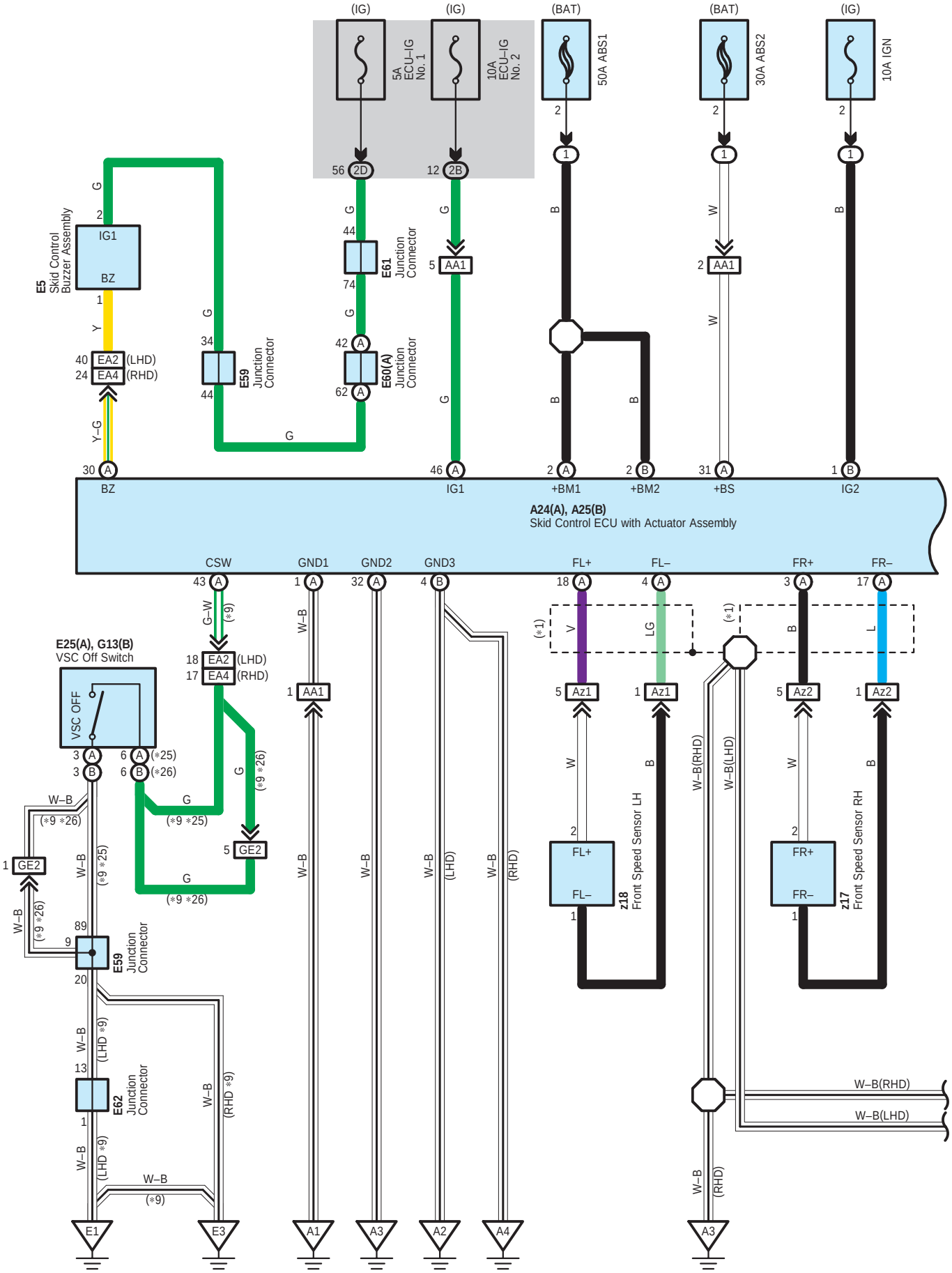
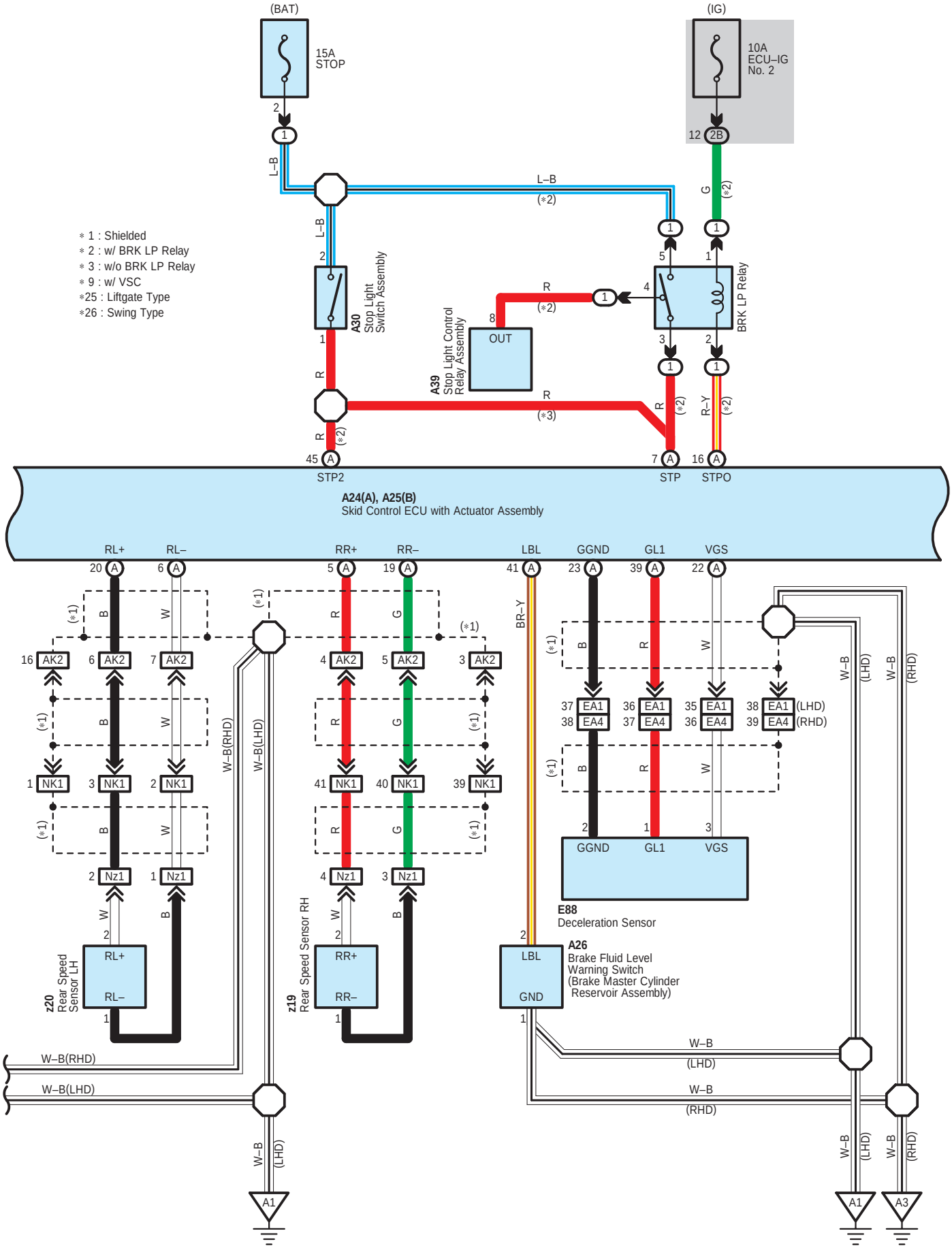
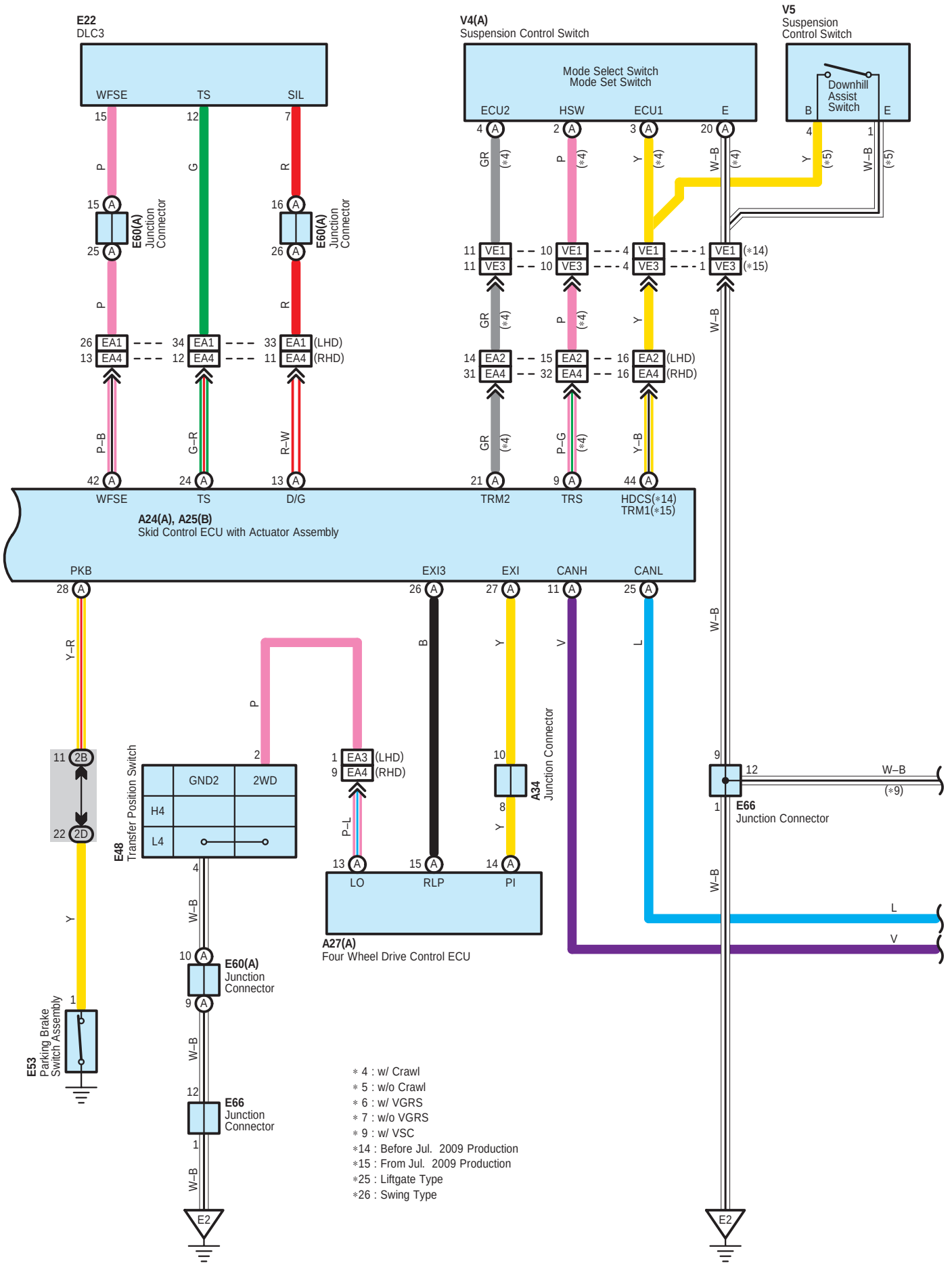
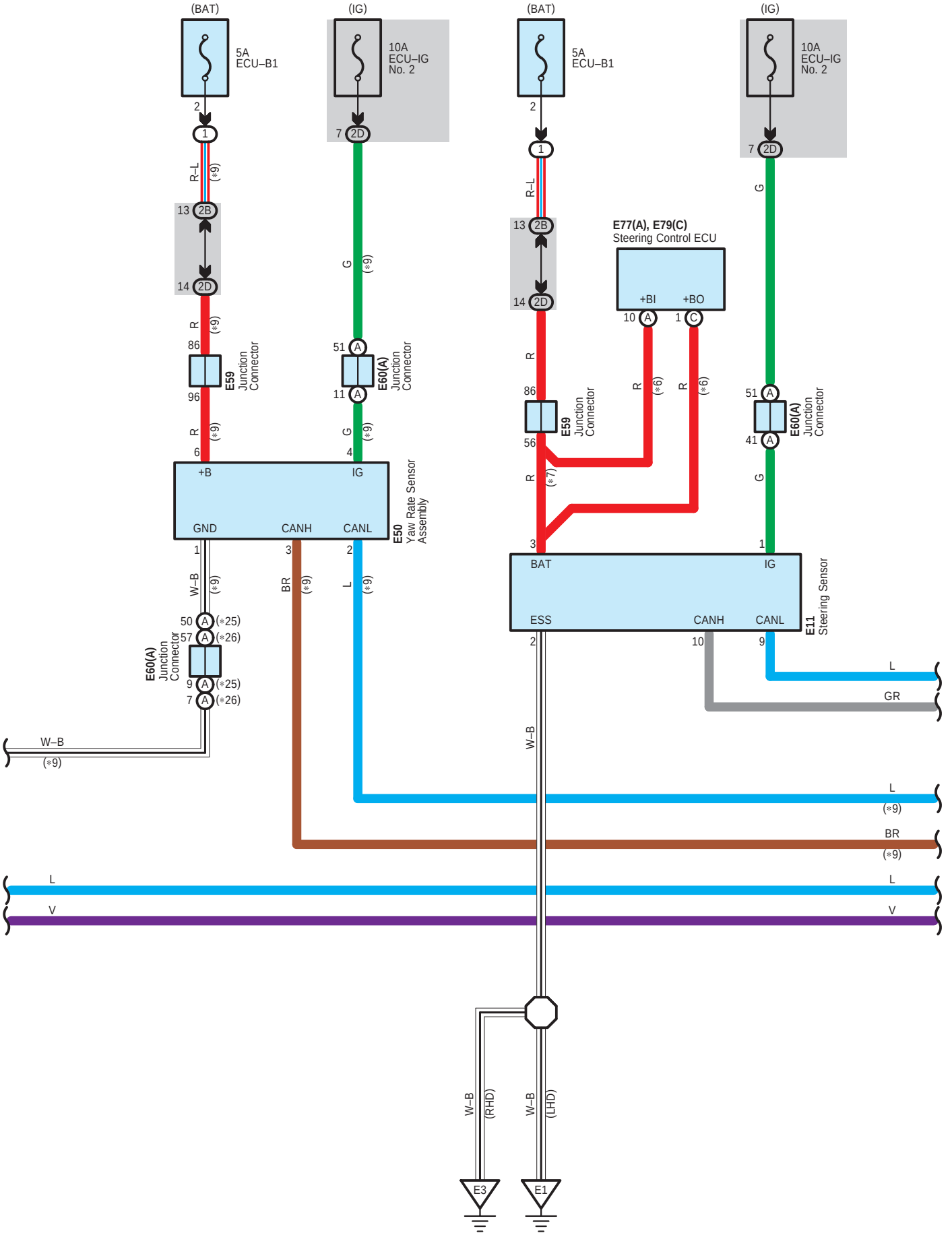
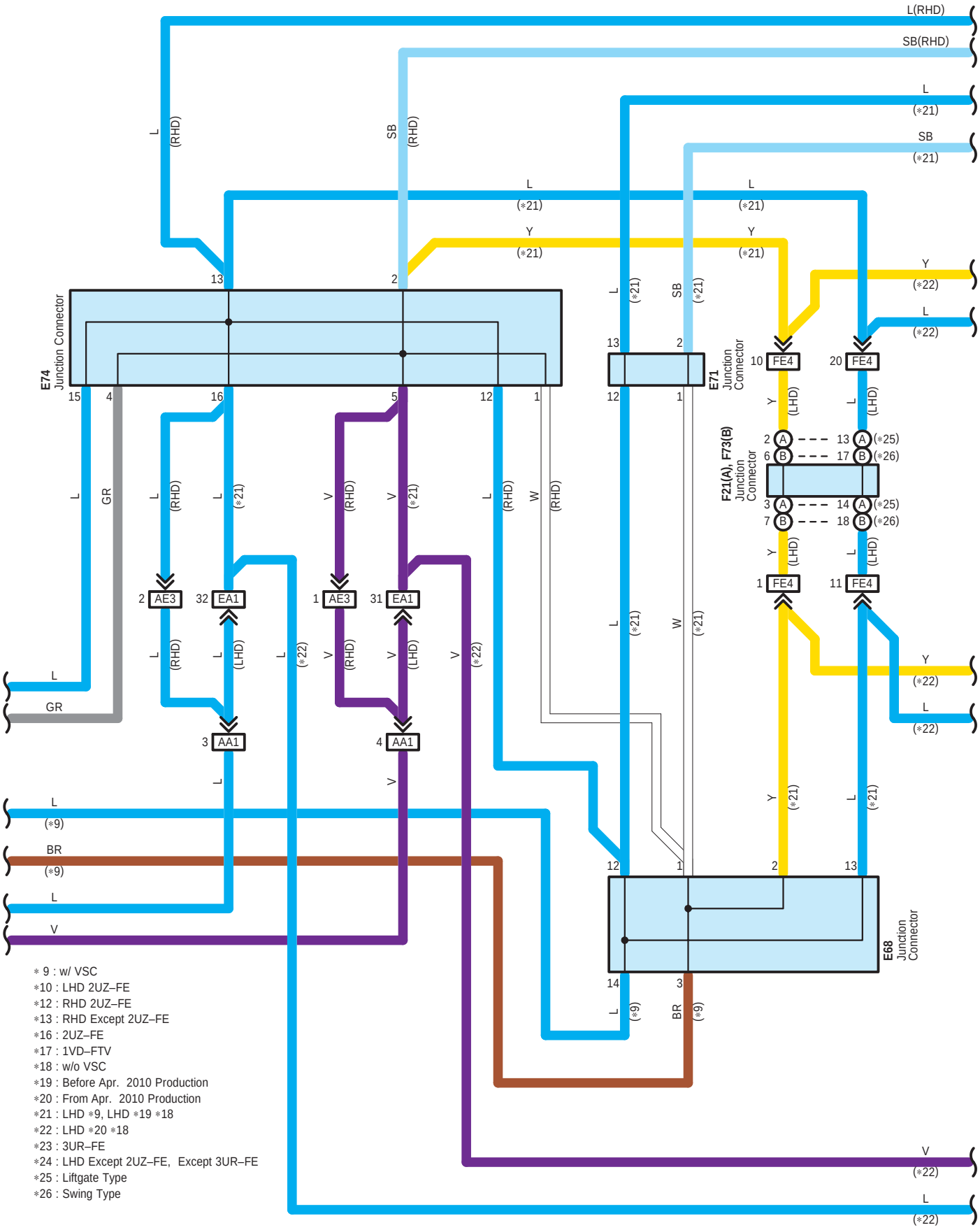
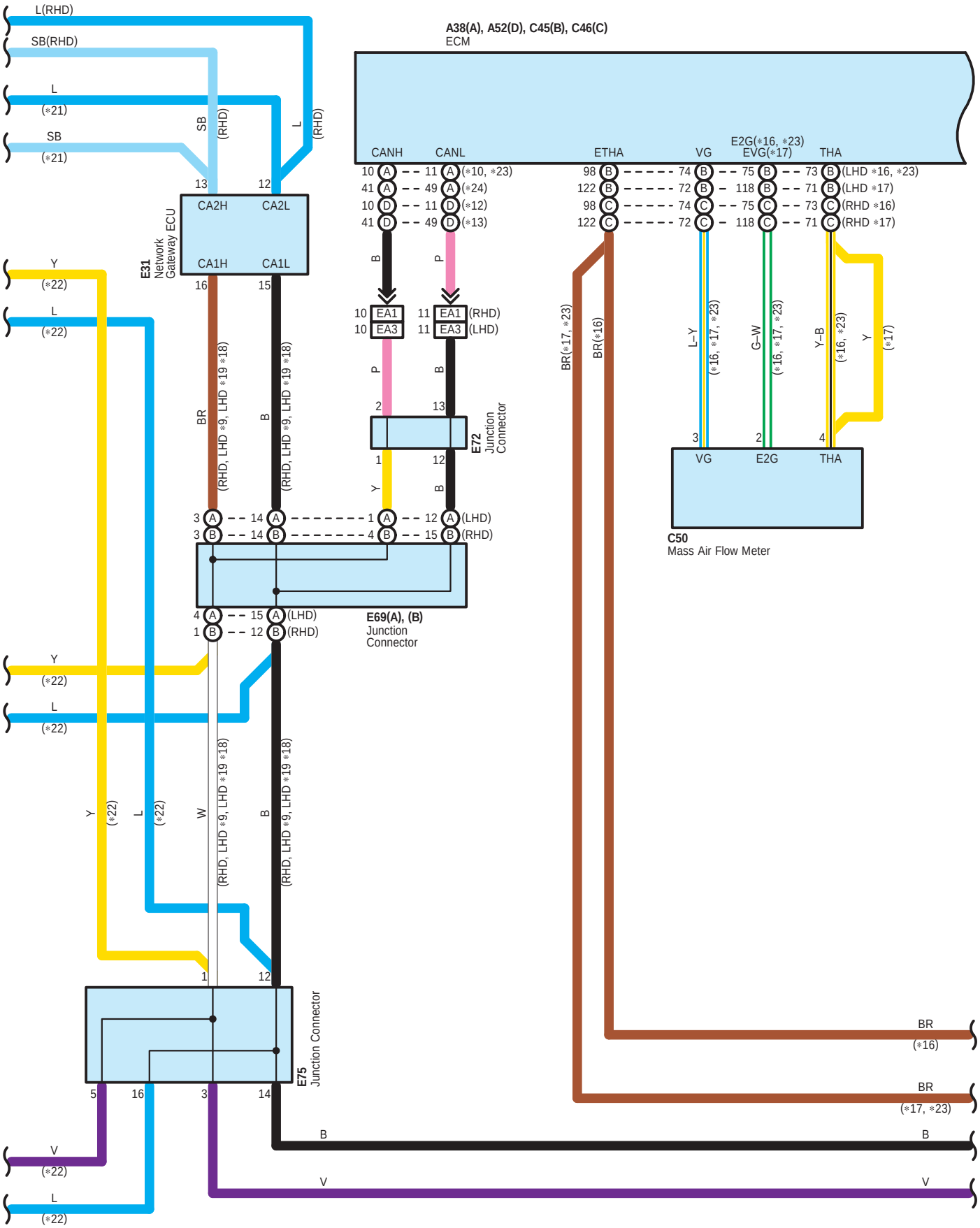

(IG)
(IG)
(BAT)
(BAT)
(IG)
5A ECU-IG No. 1
10A ECU-IG No. 2
50A ABS1
30A ABS2
10A IGN
56 2D
12 2B
E5 Skid Control Buzzer Assembly
IG1
BZ
E61 Junction Connector
E59 Junction Connector
E60(A) Junction Connector
40 EA2 (LHD)
24 EA4 (RHD)
30 A BZ
46 A IG1
2 A +BM1
2 B +BM2
31 A +BS
1 B IG2
A24(A), A25(B)
Skid Control ECU with Actuator Assembly
CSW
GND1
GND2
GND3
FL+
FL–
FR+
FR–
E25(A), G13(B)
VSC Off Switch
VSC OFF
18 EA2 (LHD)
17 EA4 (RHD)
Z18 Front Speed Sensor LH
Z17 Front Speed Sensor RH
E59 Junction Connector
E62 Junction Connector
W–B(RHD)
W–B(LHD)
E1
E3
A1
A3
A2
A4

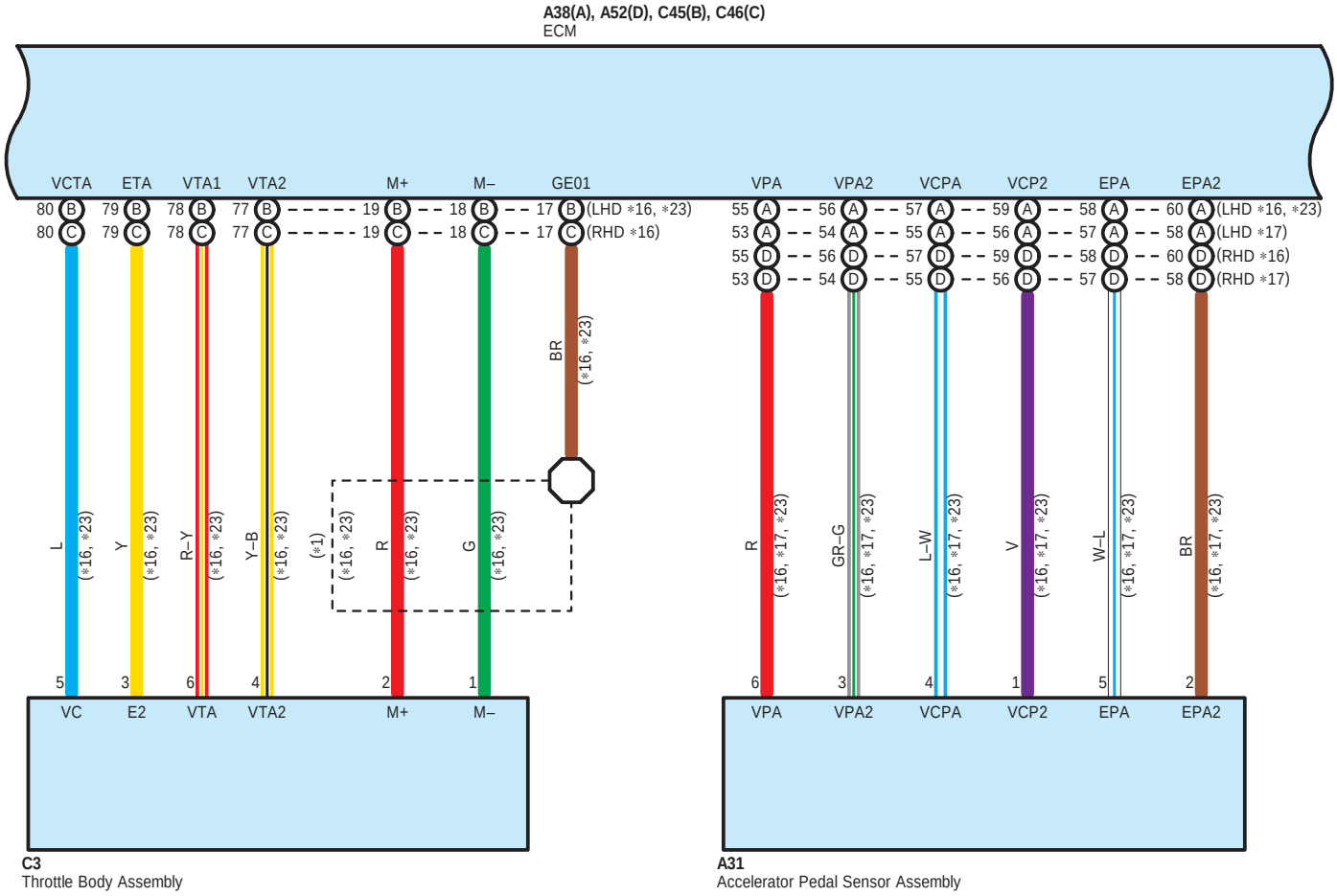

(BAT)
15A
STOP
(IG)
10A
ECU–IG
No. 2
∗ 1 : Shielded
∗ 2 : w/ BRK LP Relay
∗ 3 : w/o BRK LP Relay
∗ 9 : w/ VSC
∗25 : Liftgate Type
∗26 : Swing Type
A30
Stop Light
Switch Assembly
A39
Stop Light Control
Relay Assembly
OUT
BRK LP Relay
STP2
STP
STPO
A24(A), A25(B)
Skid Control ECU with Actuator Assembly
RL+
RL–
RR+
RR–
LBL
GGND
GL1
VGS
Z20
Rear Speed
Sensor LH
Z19
Rear Speed Sensor RH
E88
Deceleration Sensor
A26
Brake Fluid Level
Warning Switch
(Brake Master Cylinder
Reservoir Assembly)
W–B(RHD)
W–B(LHD)
W–B
(LHD)
W–B
(RHD)
A1
A3


E22
DLC3
WFSE
TS
SIL
V4(A)
Suspension Control Switch
Mode Select Switch
Mode Set Switch
ECU2
HSW
ECU1
E
V5
Suspension
Control Switch
Downhill
Assist
Switch
B
E60(A)
Junction
Connector
VE1
VE3
EA1
EA4
EA2
(LHD)
(RHD)
A24(A), A25(B)
Skid Control ECU with Actuator Assembly
PKB
EXI3
EXI
CANH
CANL
D/G
TRM2
TRS
HDCS(∗14)
TRM1(∗15)
E48
Transfer Position Switch
GND2
2WD
H4
L4
A34
Junction Connector
E66
Junction Connector
W–B
(∗9)
A27(A)
Four Wheel Drive Control ECU
LO
RLP
PI
E53
Parking Brake
Switch Assembly
E2
∗ 4 : w/ Crawl
∗ 5 : w/o Crawl
∗ 6 : w/ VGRS
∗ 7 : w/o VGRS
∗ 9 : w/ VSC
∗14 : Before Jul. 2009 Production
∗15 : From Jul. 2009 Production
∗25 : Liftgate Type
∗26 : Swing Type


(BAT)
5A
ECU–B1
(IG)
10A
ECU–IG
No. 2
E59
Junction
Connector
E60(A)
Junction
Connector
E50
Yaw Rate Sensor
Assembly
+B
IG
GND
CANH
CANL
E77(A), E79(C)
Steering Control ECU
+BI
+BO
E11
Steering Sensor
BAT
ESS
R–L
G
R
W–B
BR
L
V
GR
(*9)
(*6)
(*7)
(*25)
(*26)
W–B
(RHD)
W–B
(LHD)
E3
E1


L(RHD)
SB(RHD)
L (∗21)
SB (∗21)
L (RHD)
SB (RHD)
L (∗21)
L (∗21)
Y (∗21)
Y (∗21)
Y (∗22)
L (∗22)
E74 Junction Connector
E71 Junction Connector
F21(A), F73(B) Junction Connector
E68 Junction Connector
FE4
AE3
EA1
AA1
(LHD)
(RHD)
(∗21)
(∗22)
(∗25)
(∗26)
L
GR
W
V
BR
(∗9)
∗ 9 : w/ VSC
∗10 : LHD 2UZ–FE
∗12 : RHD 2UZ–FE
∗13 : RHD Except 2UZ–FE
∗16 : 2UZ–FE
∗17 : 1VD–FTV
∗18 : w/o VSC
∗19 : Before Apr. 2010 Production
∗20 : From Apr. 2010 Production
∗21 : LHD ∗9, LHD ∗19 ∗18
∗22 : LHD ∗20 ∗18
∗23 : 3UR–FE
∗24 : LHD Except 2UZ–FE, Except 3UR–FE
∗25 : Liftgate Type
∗26 : Swing Type

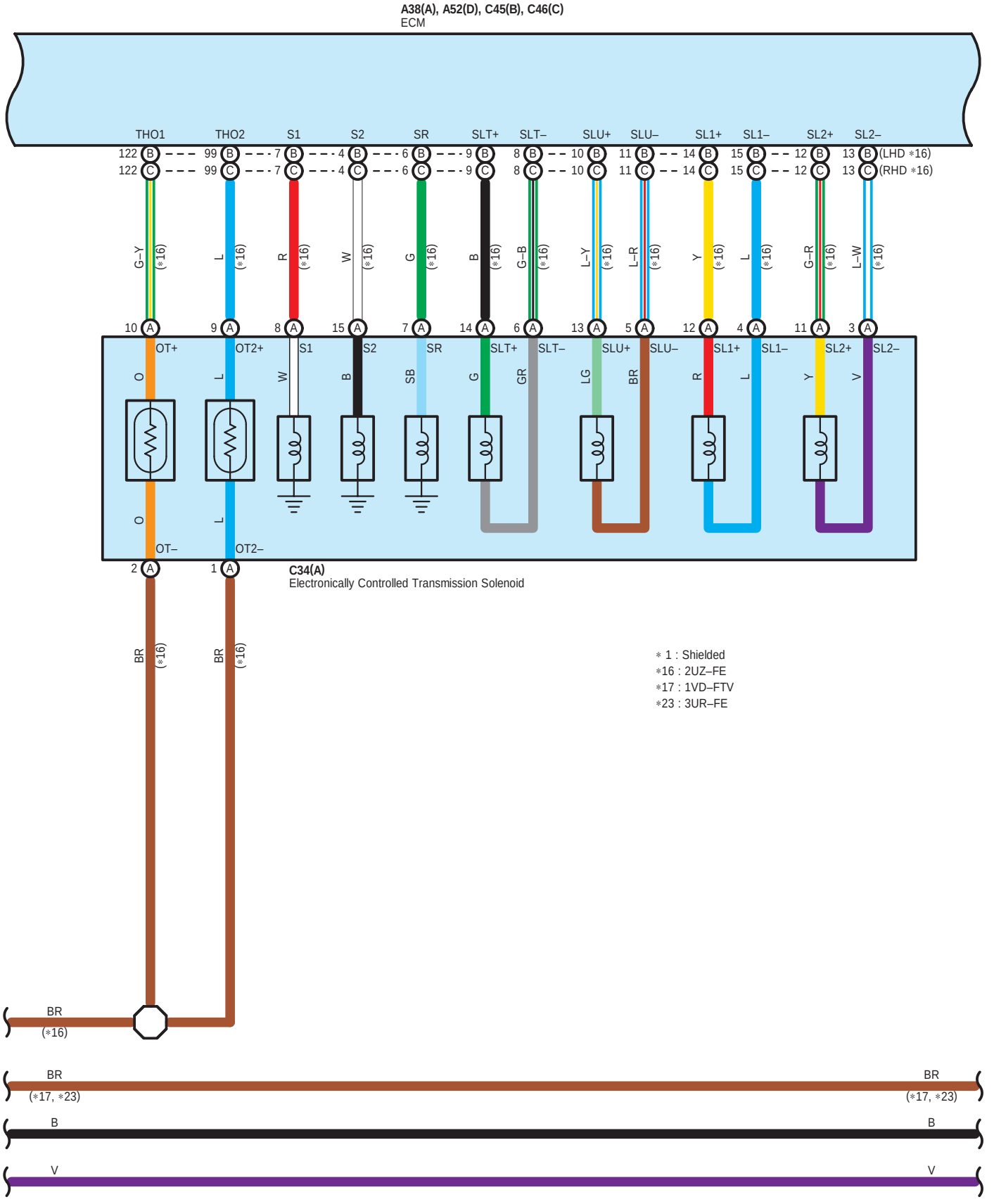

A38(A), A52(D), C45(B), C46(C)
ECM
CANH
CANL
ETHA
VG
E2G(*16, *23)
EVG(*17)
THA
L(RHD)
SB(RHD)
L (*21)
SB (*21)
SB (RHD)
L (RHD)
E31 Network Gateway ECU
CA2H
CA2L
CA1H
CA1L
Y (*22)
L (*22)
BR (RHD, LHD *9, LHD *19 *18)
B (RHD, LHD *9, LHD *19 *18)
E72 Junction Connector
EA1
EA3
(RHD)
(LHD)
E69(A), (B) Junction Connector
(LHD)
(RHD)
BR(*17, *23)
BR(*16)
L–Y (*16, *17, *23)
G–W (*16, *17, *23)
Y–B (*16, *23)
Y (*17)
C50 Mass Air Flow Meter
W (RHD, LHD *9, LHD *19 *18)
E75 Junction Connector
V (*22)
BR (*16)
BR (*17, *23)
B
V

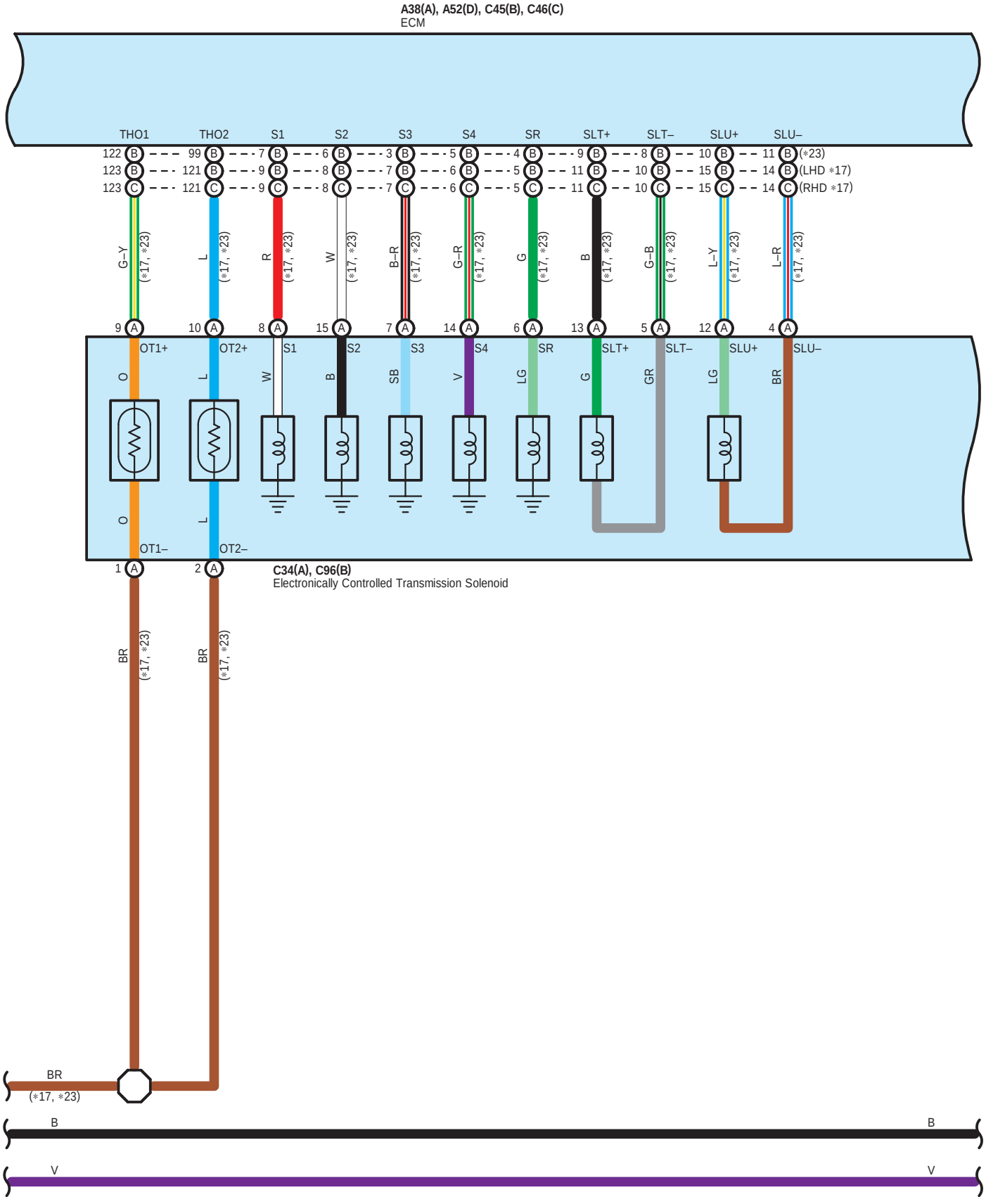


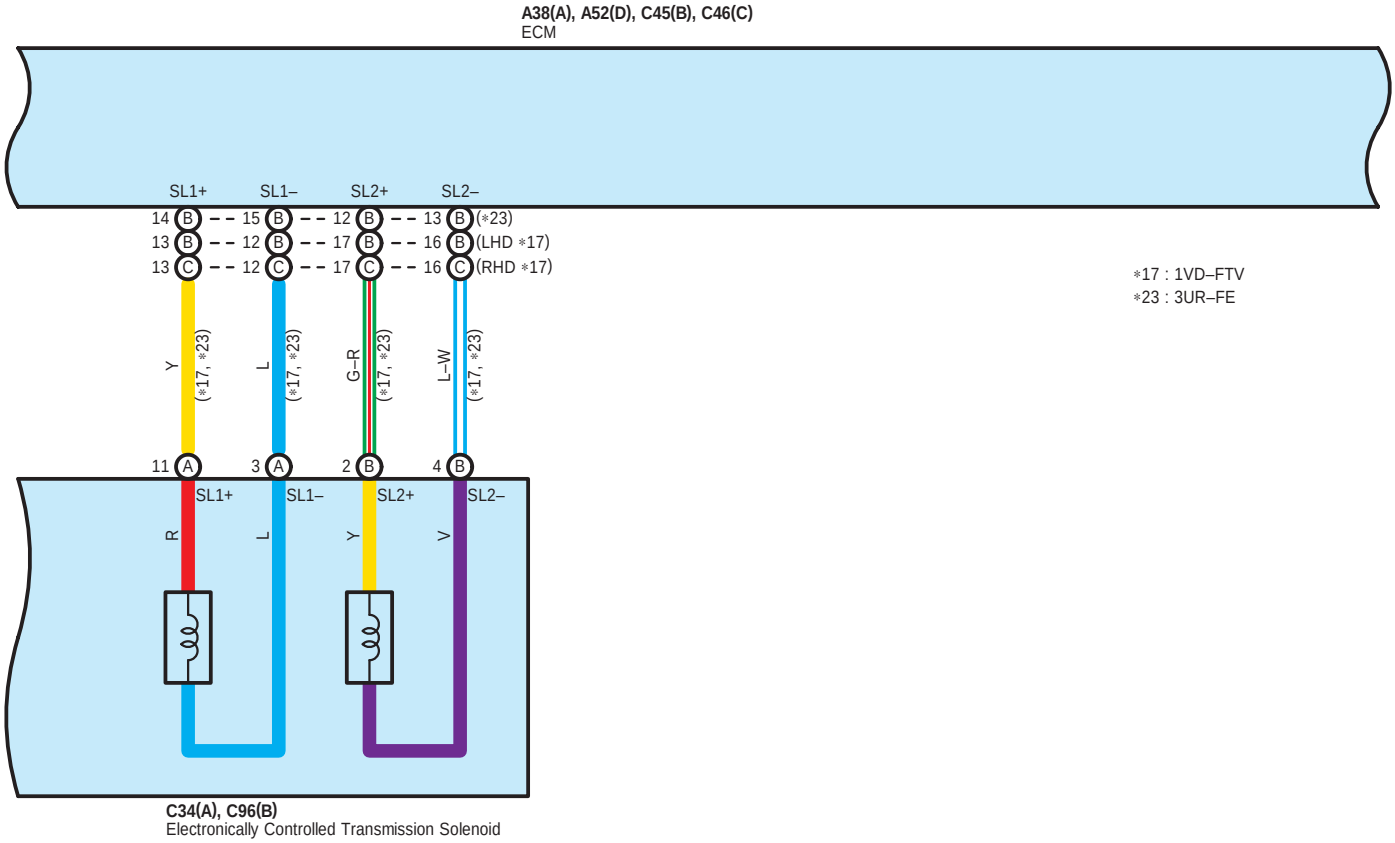
C3
Throttle Body Assembly

A31
Accelerator Pedal Sensor Assembly

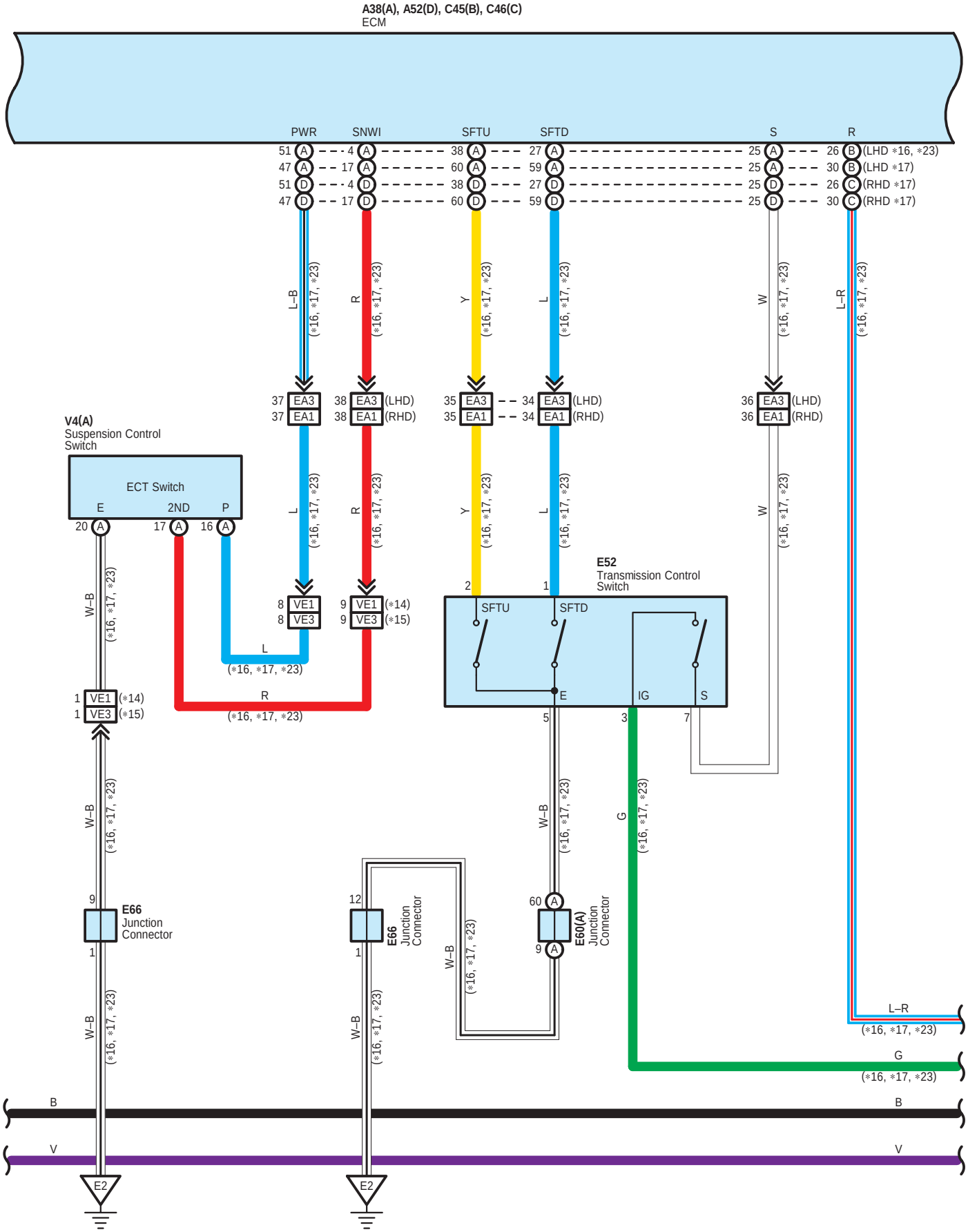


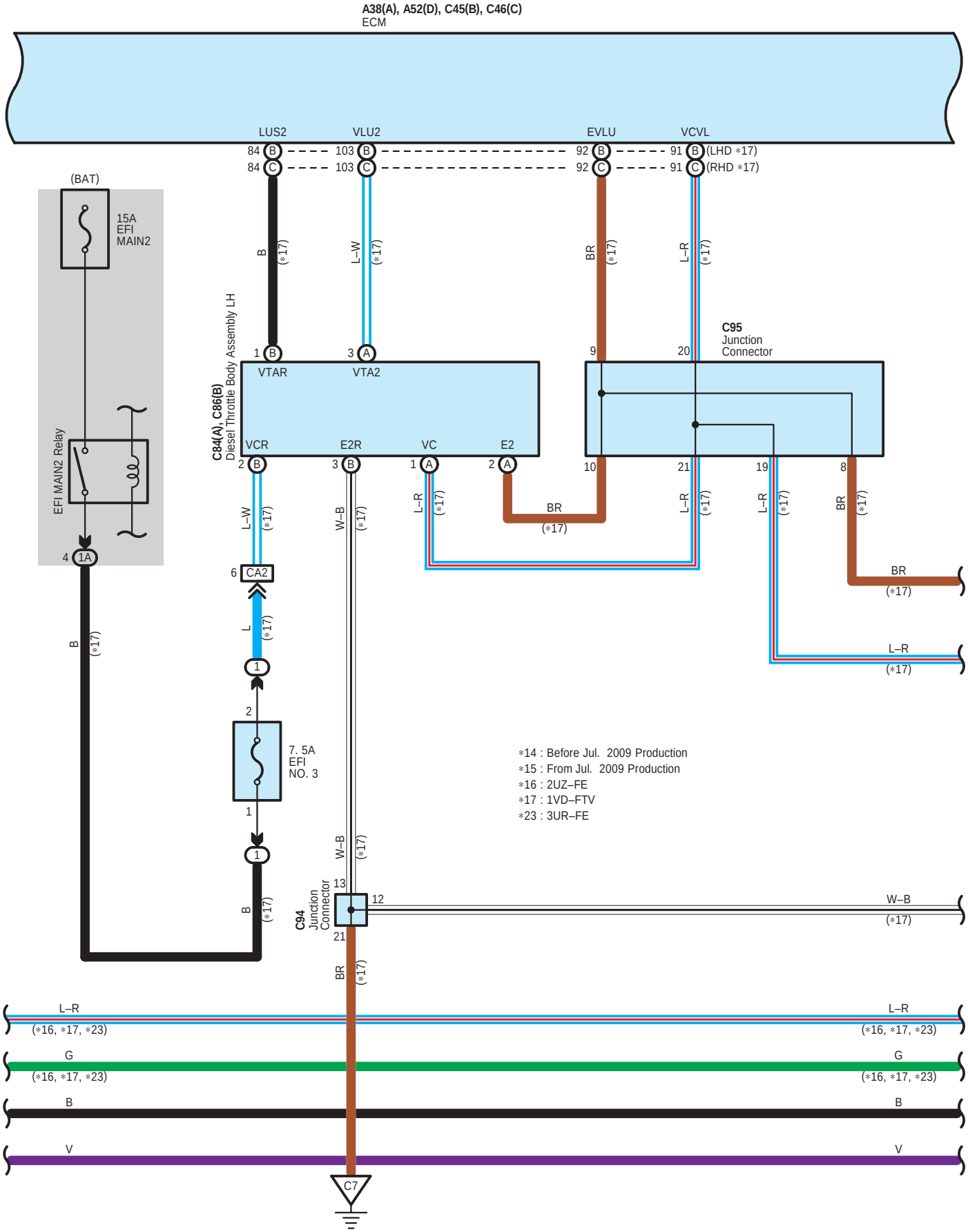

A38(A), A52(D), C45(B), C46(C)
ECM
THO1
THO2
S1
S2
SR
SLT+
SLT–
SLU+
SLU–
SL1+
SL1–
SL2+
SL2–
(LHD ∗16)
(RHD ∗16)
G–Y
L
R
W
G
B
G–B
L–Y
L–R
Y
L
G–R
L–W
(∗16)
OT+
OT2+
S1
S2
SR
SLT+
SLT–
SLU+
SLU–
SL1+
SL1–
SL2+
SL2–
OT–
OT2–
C34(A)
Electronically Controlled Transmission Solenoid
∗ 1 : Shielded
∗16 : 2UZ–FE
∗17 : 1VD–FTV
∗23 : 3UR–FE
BR
(∗16)
(∗17, ∗23)
B
V

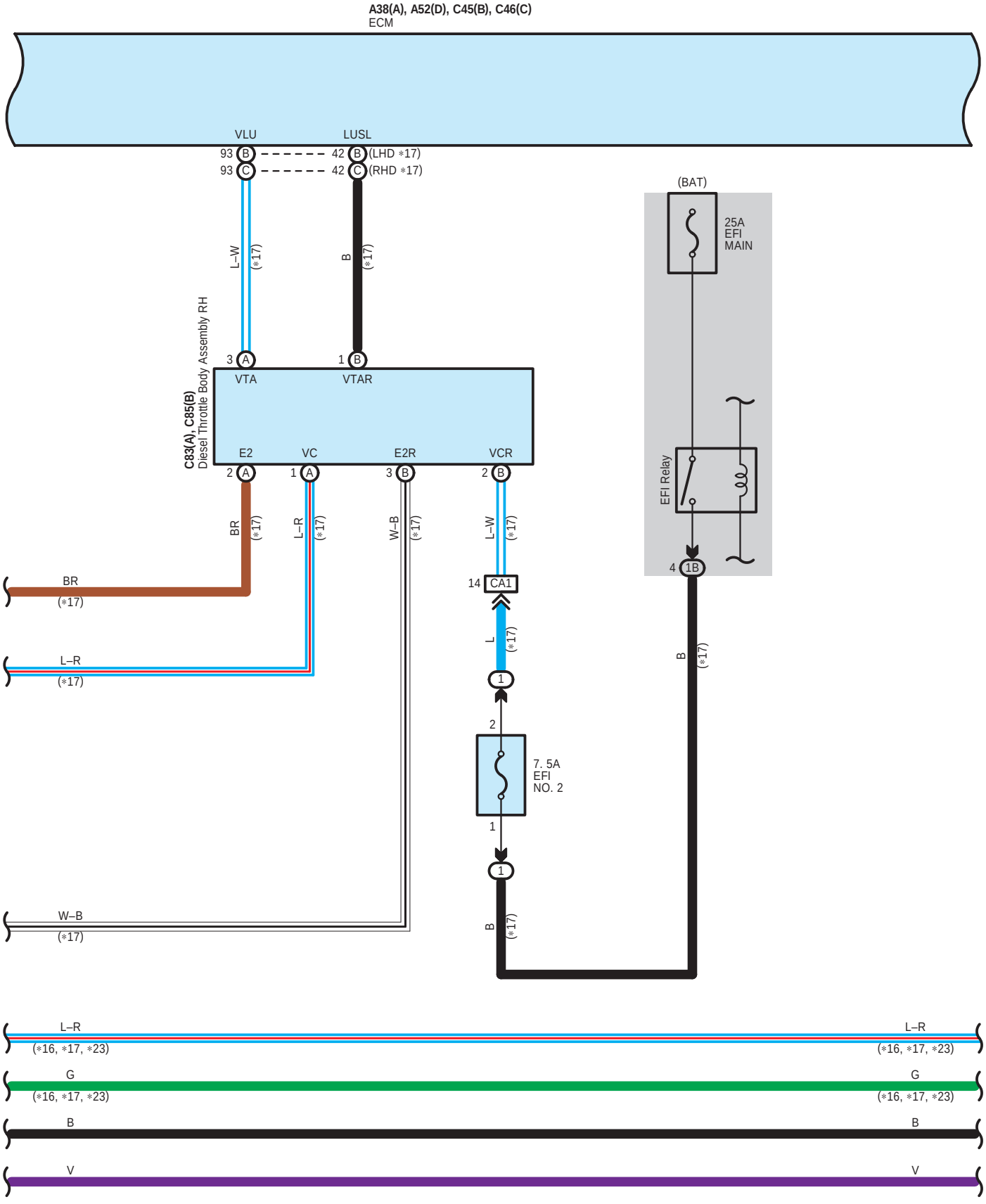

A38(A), A52(D), C45(B), C46(C)
ECM
THO1
THO2
S1
S2
S3
S4
SR
SLT+
SLT–
SLU+
SLU–
(*23)
(LHD *17)
(RHD *17)
G–Y
L
R
W
B–R
G–R
G
B
G–B
L–Y
L–R
(*17, *23)
OT1+
OT2+
S1
S2
S3
S4
SR
SLT+
SLT–
SLU+
SLU–
OT1–
OT2–
C34(A), C96(B)
Electronically Controlled Transmission Solenoid
BR
(*17, *23)
B
V

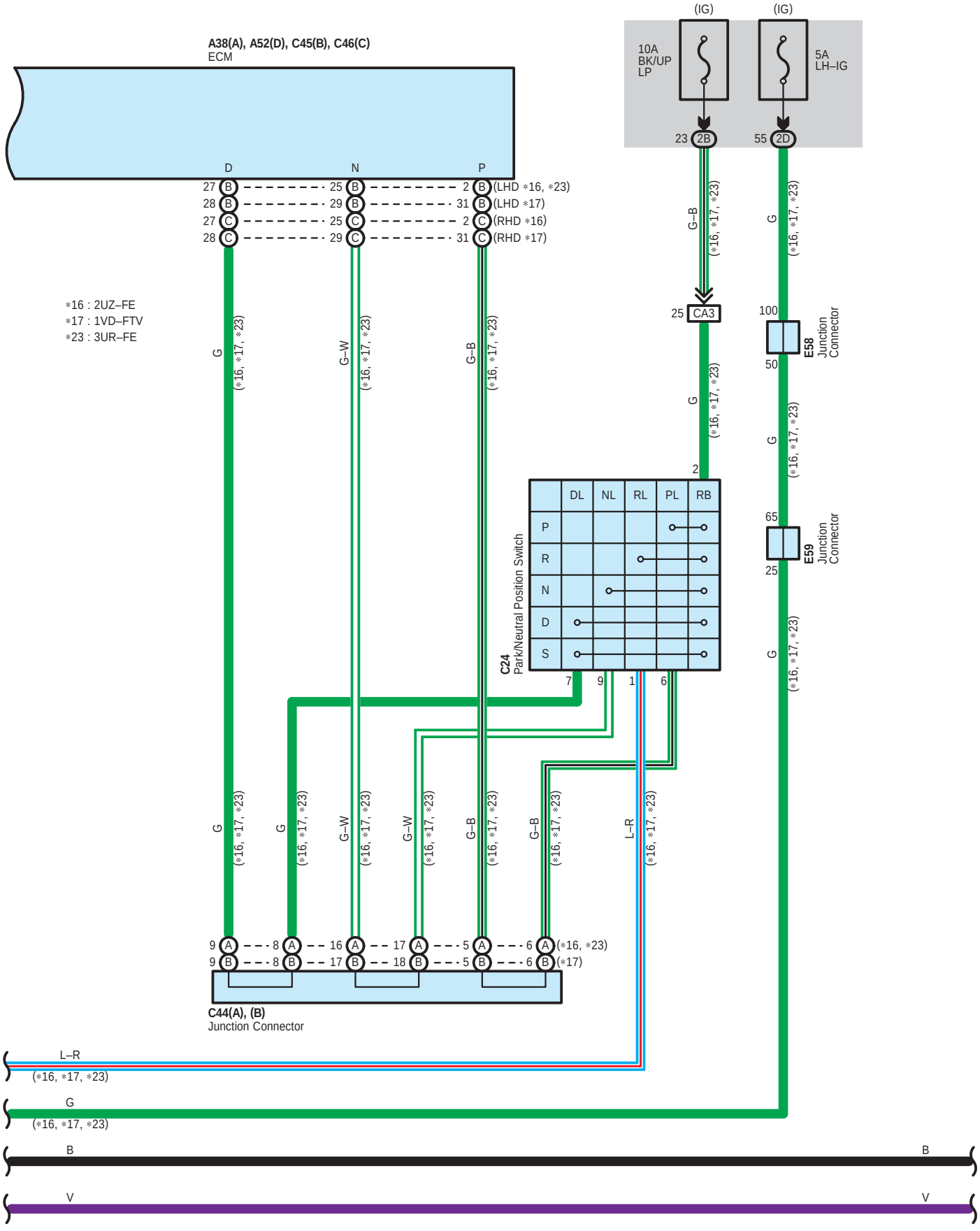

A38(A), A52(D), C45(B), C46(C)
ECM
SL1+
SL1–
SL2+
SL2–
14 B 15 B 12 B 13 B (*23)
13 B 12 B 17 B 16 B (LHD *17)
13 C 12 C 17 C 16 C (RHD *17)
Y (*17, *23)
L (*17, *23)
G–R (*17, *23)
L–W (*17, *23)
11 A 3 A 2 B 4 B
SL1+
SL1–
SL2+
SL2–
R
L
Y
V
C34(A), C96(B)
Electronically Controlled Transmission Solenoid
*17 : 1VD–FTV
*23 : 3UR–FE

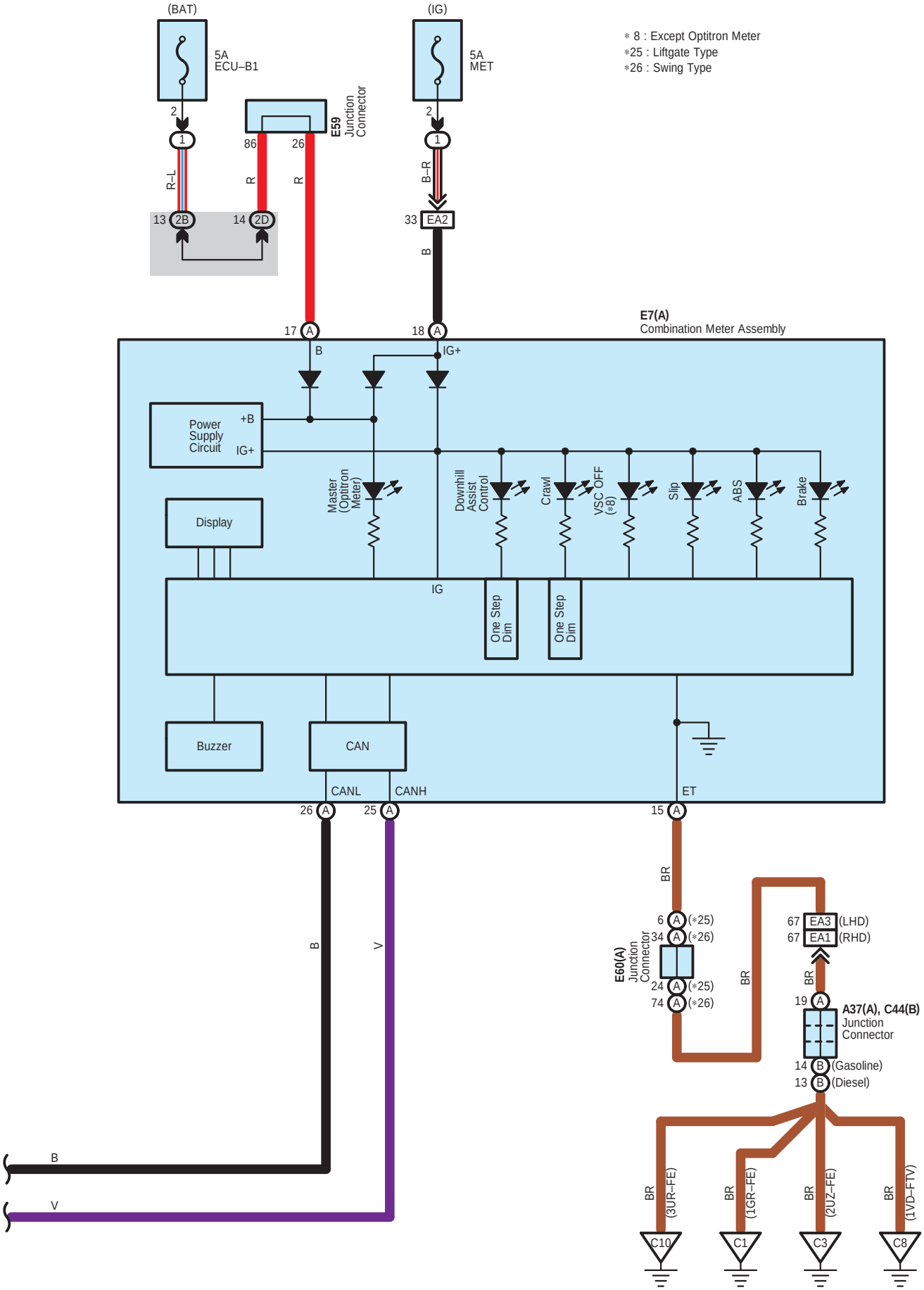

B
B
V
V


A38(A), A52(D), C45(B), C46(C)
ECM
PWR
SNWI
SFTU
SFTD
S
R
51 A
47 A
51 D
47 D
4 A
17 A
4 D
17 D
38 A
60 A
38 D
60 D
27 A
59 A
27 D
59 D
25 A
25 A
25 D
25 D
26 B (LHD *16, *23)
30 B (LHD *17)
26 C (RHD *17)
30 C (RHD *17)
L–B (*16, *17, *23)
R (*16, *17, *23)
Y (*16, *17, *23)
L (*16, *17, *23)
W (*16, *17, *23)
L–R (*16, *17, *23)
37 EA3
37 EA1
38 EA3 (LHD)
38 EA1 (RHD)
35 EA3
35 EA1
34 EA3 (LHD)
34 EA1 (RHD)
36 EA3 (LHD)
36 EA1 (RHD)
V4(A)
Suspension Control Switch
ECT Switch
E
2ND
P
20 A
17 A
16 A
8 VE1
8 VE3
9 VE1 (*14)
9 VE3 (*15)
L (*16, *17, *23)
R (*16, *17, *23)
E52
Transmission Control Switch
SFTU
SFTD
2
1
E
IG
S
5
3
7
W–B (*16, *17, *23)
G (*16, *17, *23)
1 VE1 (*14)
1 VE3 (*15)
9
E66
Junction Connector
1
12
E66
Junction Connector
1
60 A
9 A
E60(A)
Junction Connector
L–R (*16, *17, *23)
G (*16, *17, *23)
B
V
E2
E2

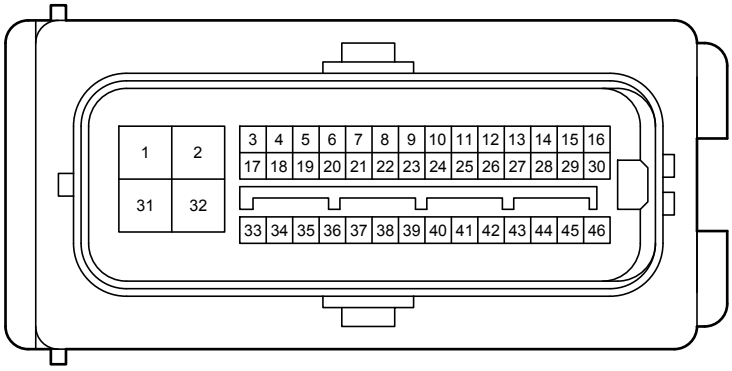

A38(A), A52(D), C45(B), C46(C)
ECM
LUS2
VLU2
EVLU
VCVL
84 B
84 C
103 B
103 C
92 B
92 C
91 B
91 C
(LHD *17)
(RHD *17)
(BAT)
15A
EFI
MAIN2
EFI MAIN2 Relay
B
(*17)
L–W
BR
L–R
C95
Junction
Connector
C84(A), C86(B)
Diesel Throttle Body Assembly LH
VTAR
VTA2
VCR
E2R
VC
E2
4 1A
6 CA2
L
7. 5A
EFI
NO. 3
W–B
C94
Junction
Connector
13
12
21
BR
*14 : Before Jul. 2009 Production
*15 : From Jul. 2009 Production
*16 : 2UZ–FE
*17 : 1VD–FTV
*23 : 3UR–FE
L–R
(*16, *17, *23)
G
(*16, *17, *23)
B
V
C7


A38(A), A52(D), C45(B), C46(C)
ECM
VLU
LUSL
93 B
93 C
42 B (LHD *17)
42 C (RHD *17)
L–W (*17)
B (*17)
(BAT)
25A EFI MAIN
EFI Relay
C83(A), C85(B)
Diesel Throttle Body Assembly RH
3 A
VTA
1 B
VTAR
E2
VC
E2R
VCR
2 A
1 A
3 B
2 B
BR (*17)
L–R (*17)
W–B (*17)
L–W (*17)
4 1B
14 CA1
L (*17)
B (*17)
1
2
7. 5A EFI NO. 2
1
1
BR (*17)
L–R (*17)
W–B (*17)
L–R (*16, *17, *23)
G (*16, *17, *23)
B
V
L–R (*16, *17, *23)
G (*16, *17, *23)
B
V

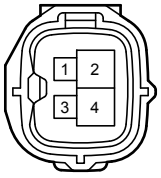

A38(A), A52(D), C45(B), C46(C)
ECM
D
N
P
27 B
28 B
27 C
28 C
25 B
29 B
25 C
29 C
2 B
31 B
2 C
31 C
(LHD ∗16, ∗23)
(LHD ∗17)
(RHD ∗16)
(RHD ∗17)
∗16 : 2UZ–FE
∗17 : 1VD–FTV
∗23 : 3UR–FE
(IG)
(IG)
10A
BK/UP
LP
5A
LH–IG
23 2B
55 2D
G–B
G
(∗16, ∗17, ∗23)
25 CA3
100
50
E58
Junction
Connector
2
65
25
E59
Junction
Connector
C24
Park/Neutral Position Switch
DL
NL
RL
PL
RB
P
R
N
D
S
7
9
1
6
G
G–W
G–B
L–R
9 A
9 B
8 A
8 B
16 A
17 B
17 A
18 B
5 A
5 B
6 A
6 B
(∗16, ∗23)
(∗17)
C44(A), (B)
Junction Connector
L–R
(∗16, ∗17, ∗23)
G
(∗16, ∗17, ∗23)
B
B
V
V


(BAT)
5A
ECU–B1
(IG)
5A
MET
∗ 8 : Except Optitron Meter
∗25 : Liftgate Type
∗26 : Swing Type
E59
Junction
Connector
R–L
R
R
B–R
B
13 2B
14 2D
33 EA2
17 A
18 A
E7(A)
Combination Meter Assembly
B
IG+
Power
Supply
Circuit
+B
IG+
Master
(Optitron
Meter)
Downhill
Assist
Control
Crawl
VSC OFF
(∗8)
Slip
ABS
Brake
Display
IG
One Step
Dim
One Step
Dim
Buzzer
CAN
CANL
CANH
ET
26 A
25 A
15 A
BR
6 A (∗25)
34 A (∗26)
E60(A)
Junction
Connector
24 A (∗25)
74 A (∗26)
67 EA3 (LHD)
67 EA1 (RHD)
19 A
A37(A), C44(B)
Junction
Connector
14 B (Gasoline)
13 B (Diesel)
B
V
(3UR–FE)
(1GR–FE)
(2UZ–FE)
(1VD–FTV)
C10
C1
C3
C8

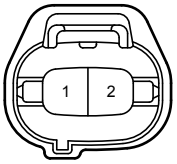
A 24
Black



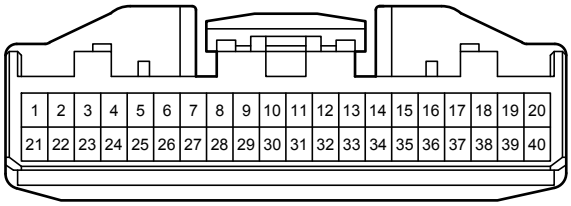
A 25
Black



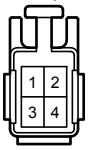
A 26
Gray



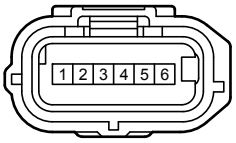
A 27
Black



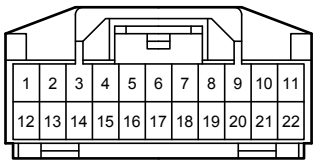
A 30
Gray



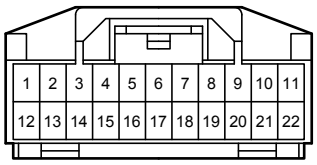
A 31
Black



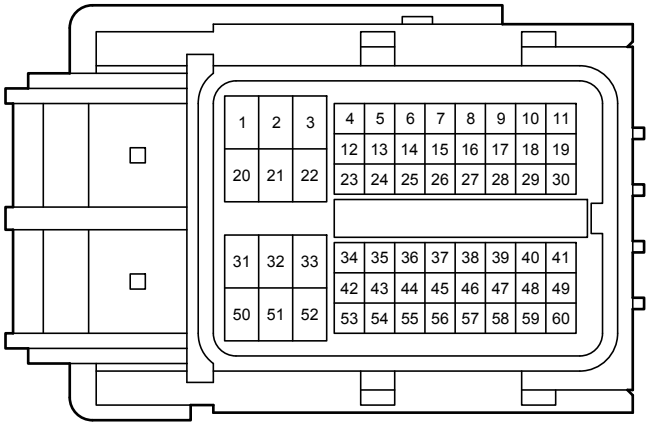
A 34
White



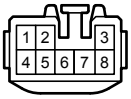
A 37
Blue



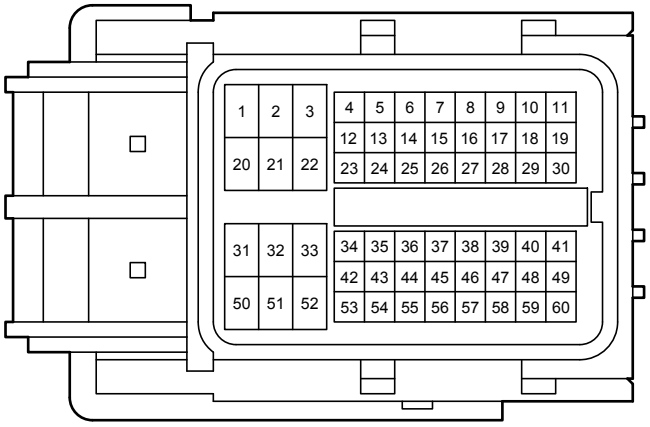
A 38
Black



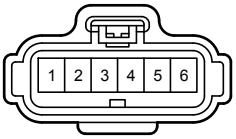
A 39
Black



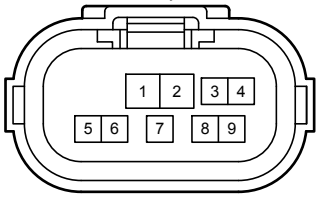
A 52
Black



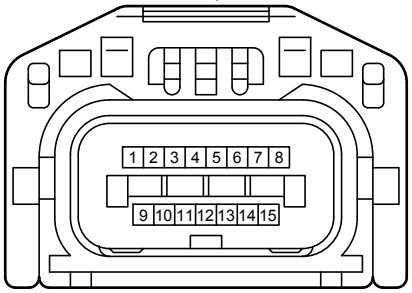
C 3
Black



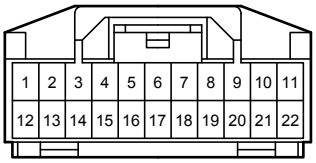
C 24
Gray



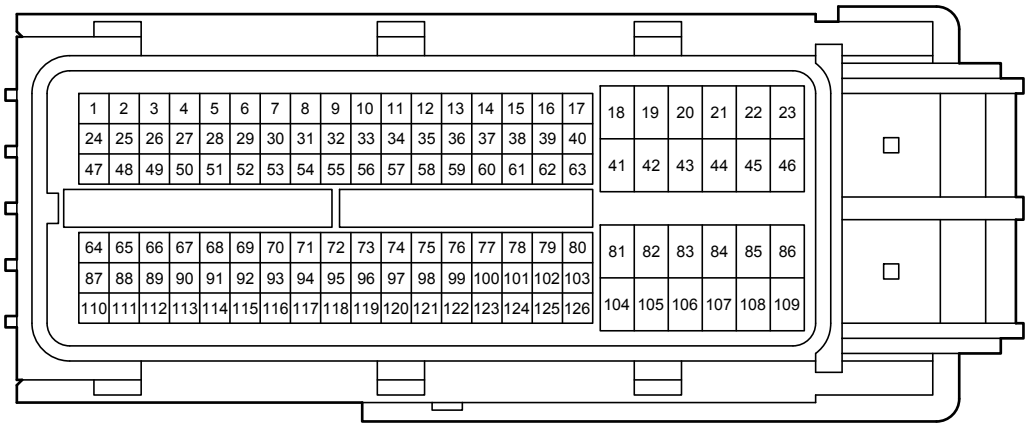
C 34
Gray



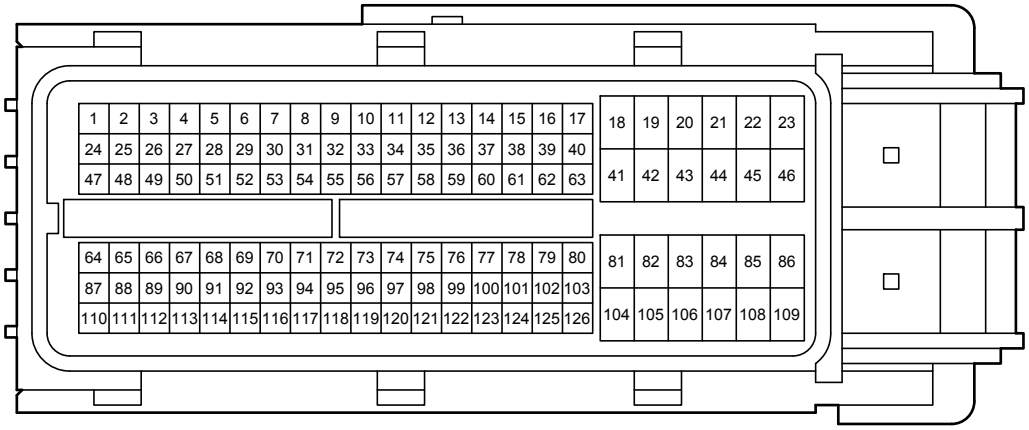
C 44
Blue



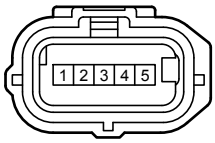
C 45
Black



C 46
Black



C 50
Black



C 83
Black



C 84
Black



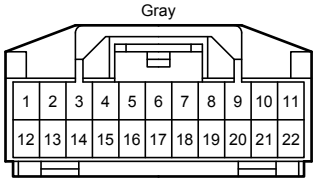
C 85
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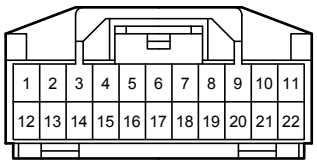
C 86
Black



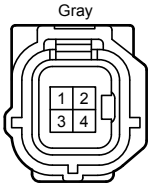
C 94
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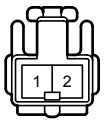
C 95
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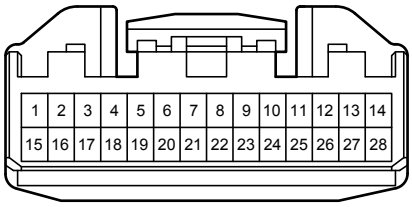
C 96
Gray



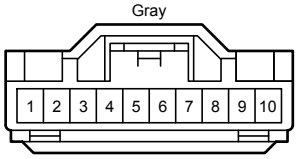
E 5
Blue



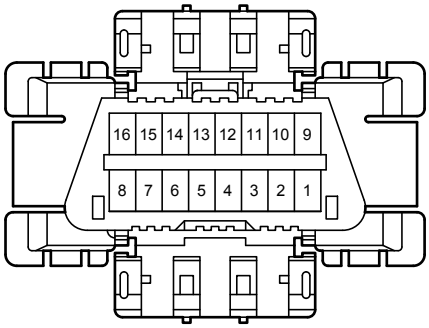
E 7
White



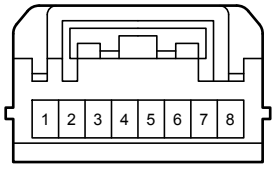
E 11
Gray



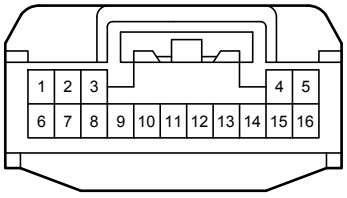
E 22
White



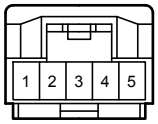
E 25
Black



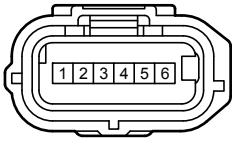
E 31
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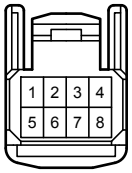
E 48
Black



E 50
Black



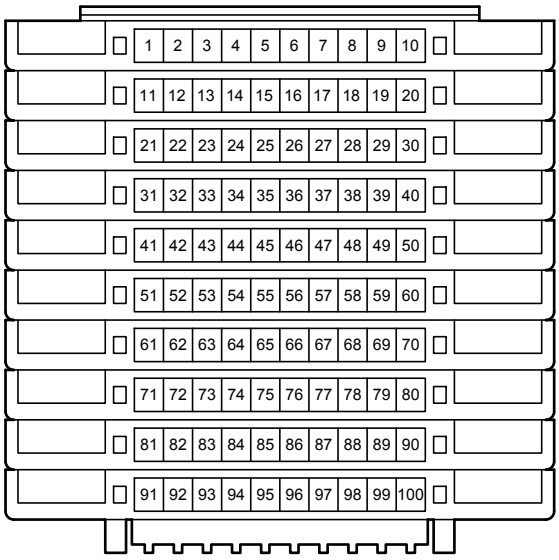
E 52
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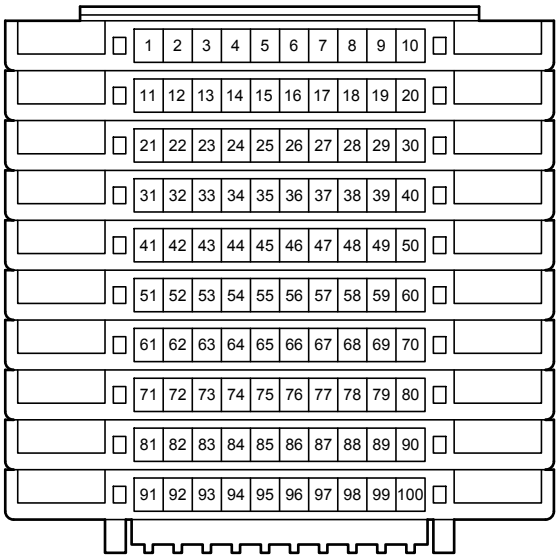
E 53
White



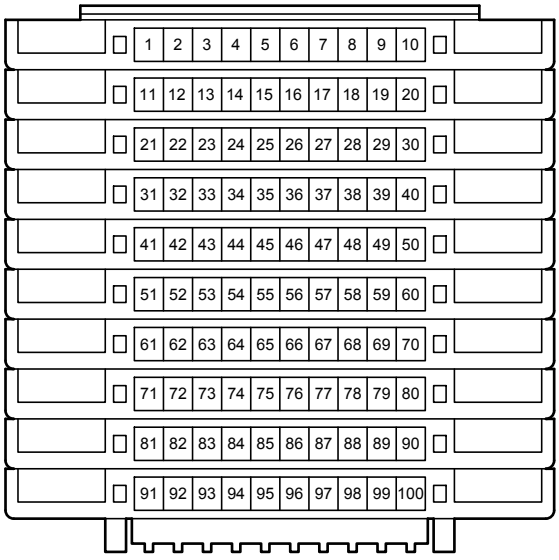
E 58



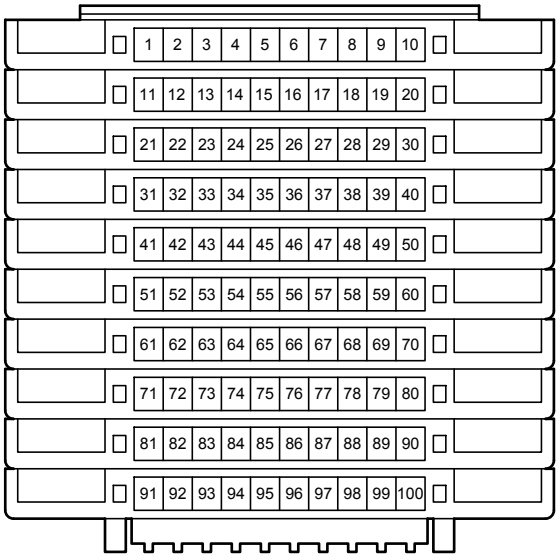
E 59



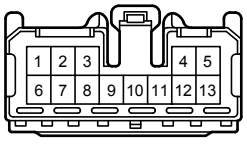
E 60



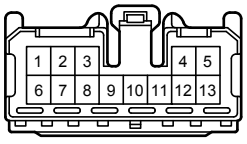
E 61



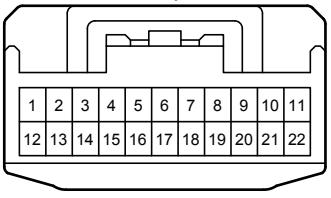
E 62
White



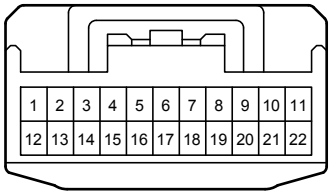
E 66
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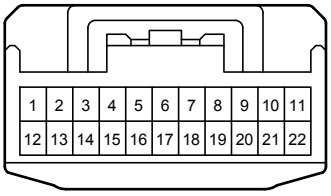
E 68
Gray



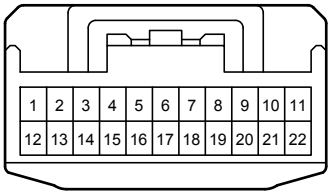
E 69
Gray



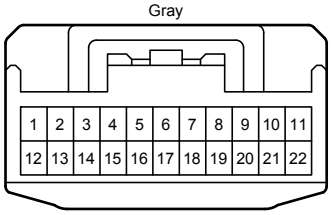
E 71
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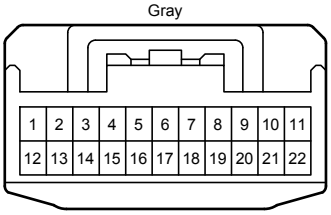
E 72
Gray



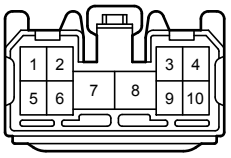
E 74
Gray



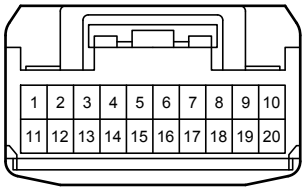
E 75
Gray



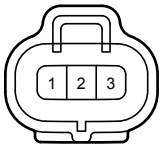
E 77
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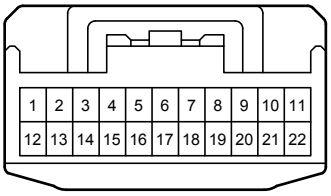
E 79
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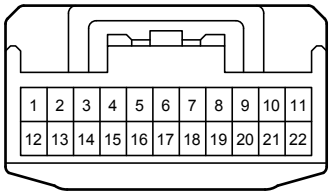
E 88
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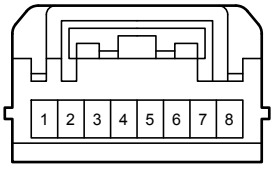
F 21
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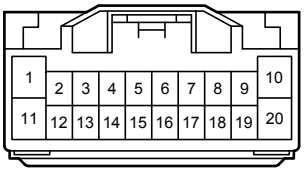
F 73
Blue



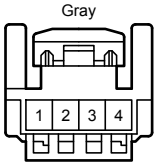
G 13
Black



V 4
White



V 5
Gray



z 17
Black



z 18
Black



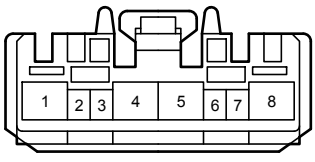
z 19
Black



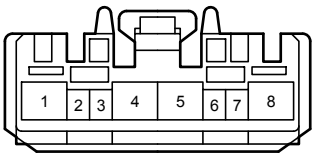
z 20
Black



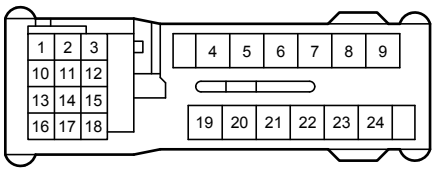
1A
White



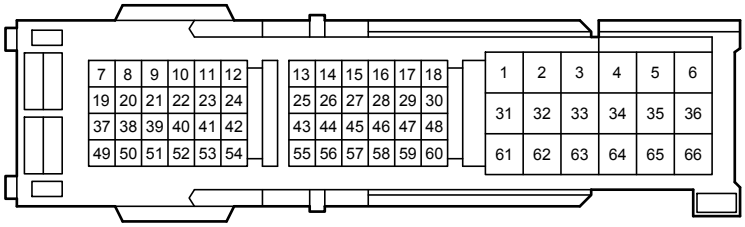
1B
White



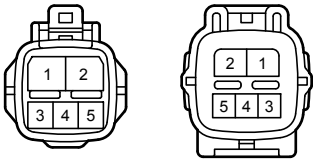
2B
White



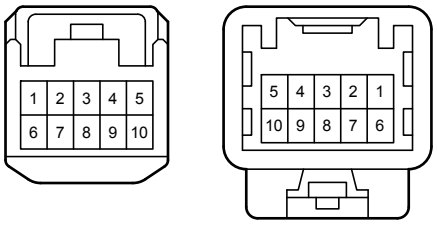
2D
White



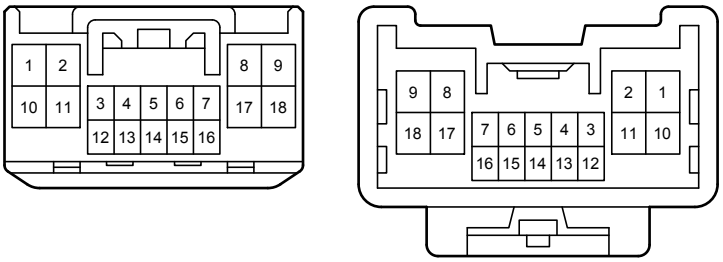
AA1
Gray



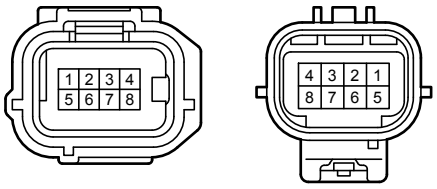
AE3
Gray



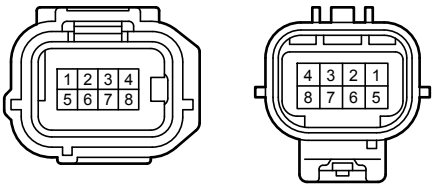
AK2
Gray



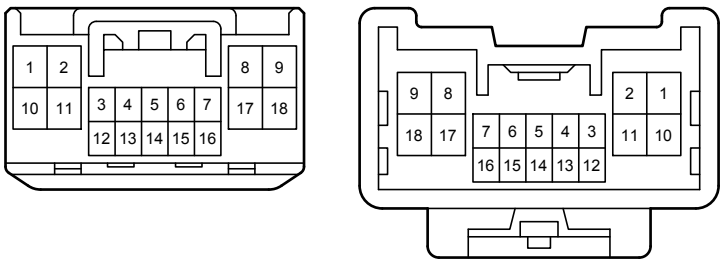
Az1
Gray



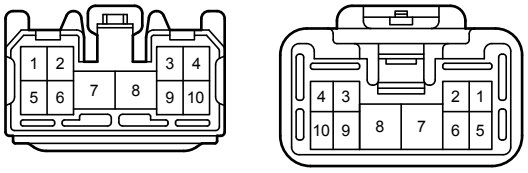
Az2
Gray



CA1
White

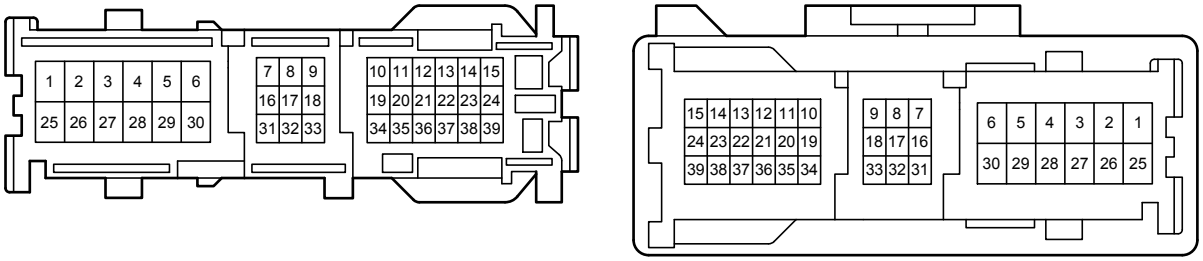


CA2
White



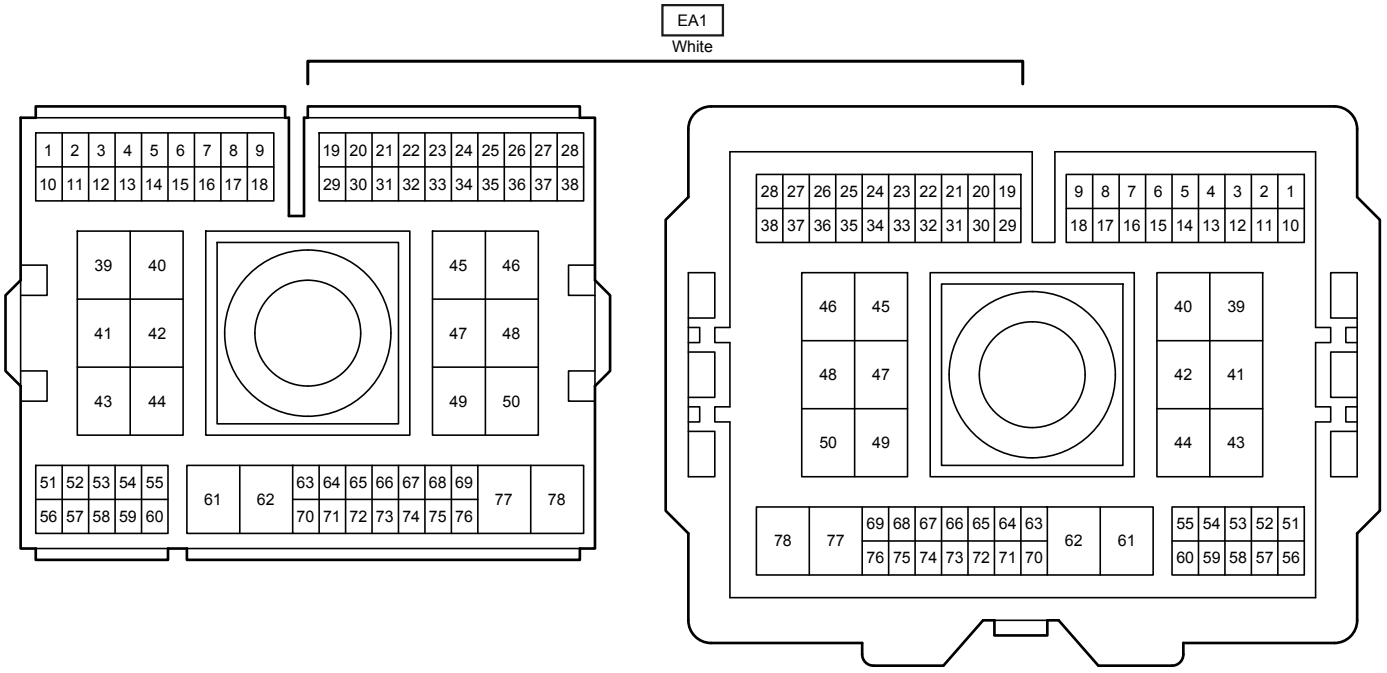
CA3

White



EA1

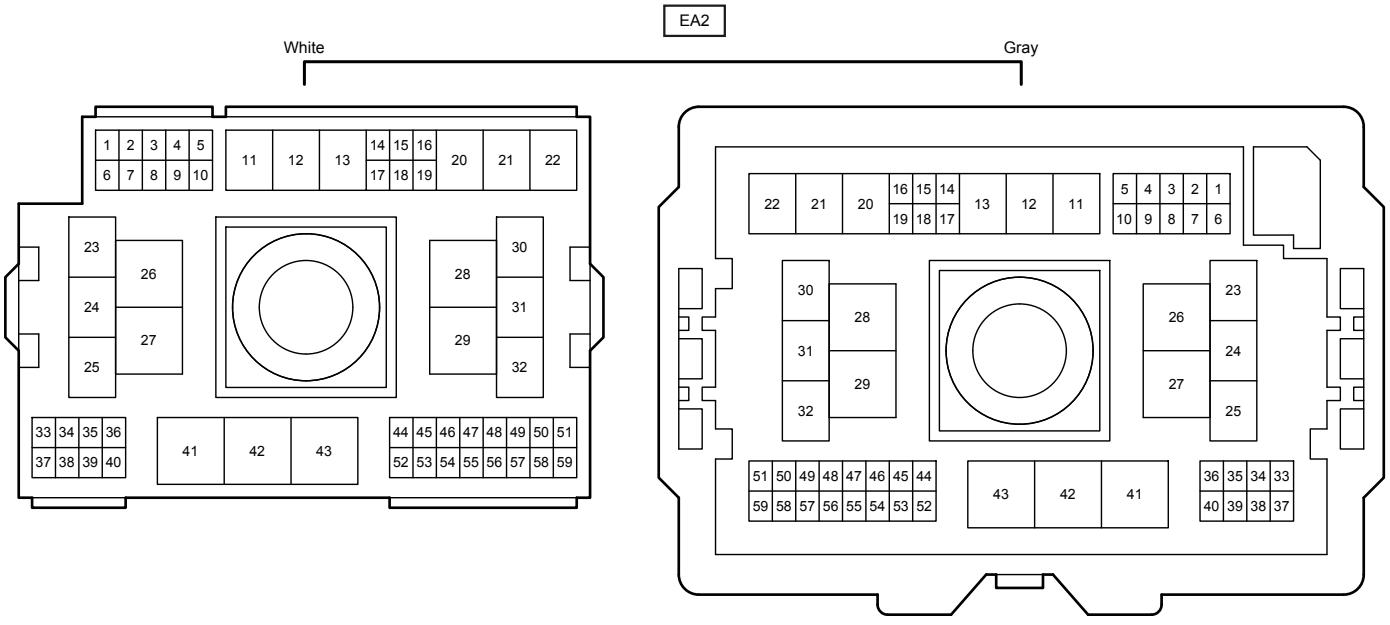
White



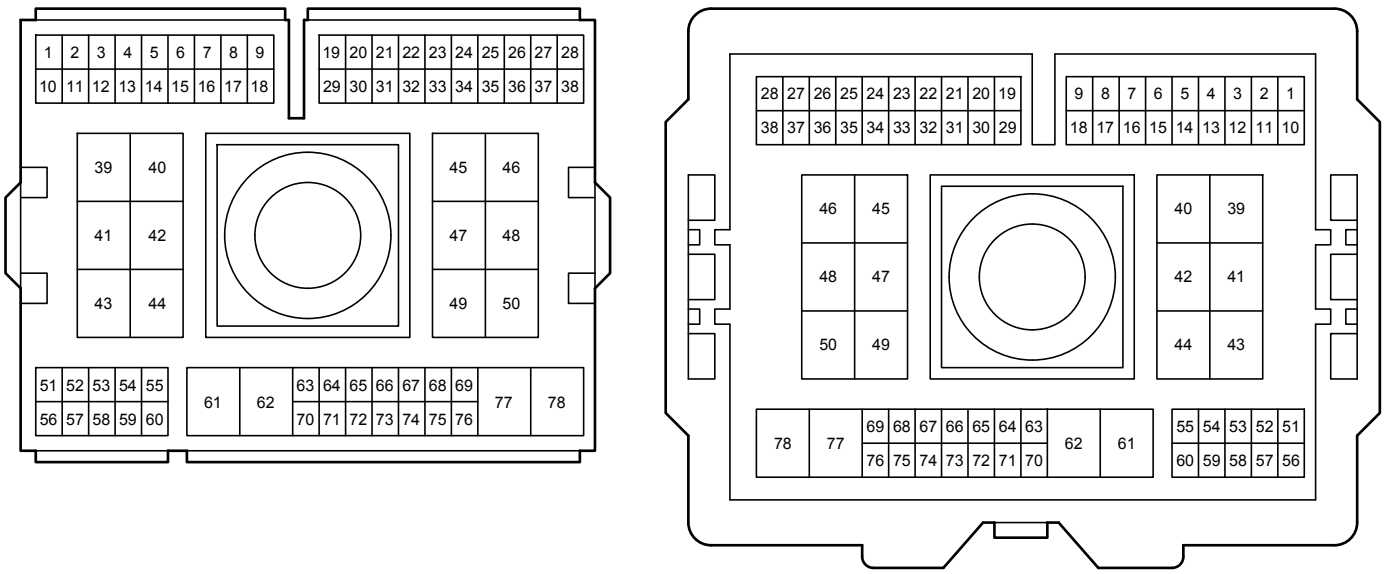
EA2

White

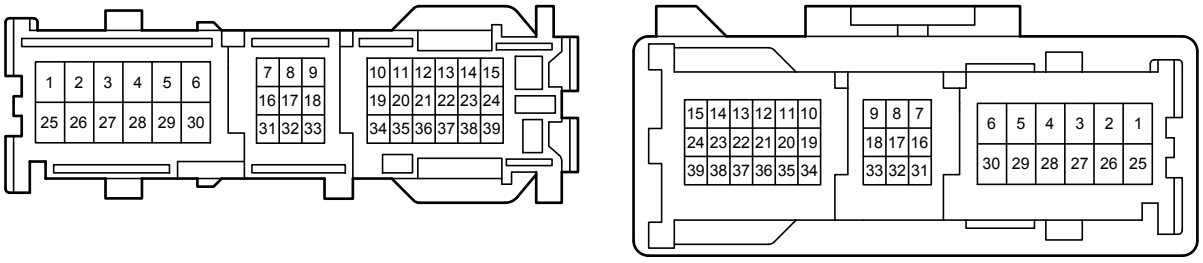
Gray



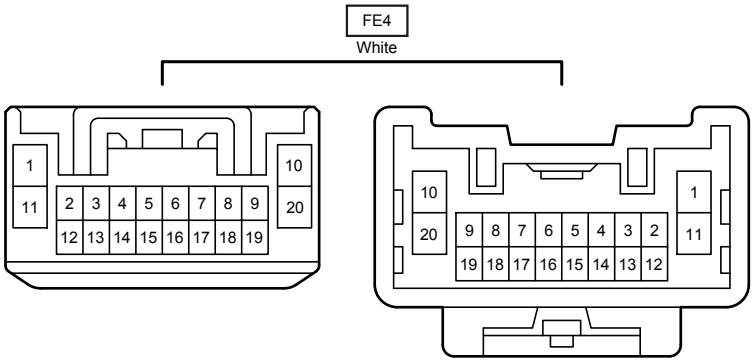
EA3
White



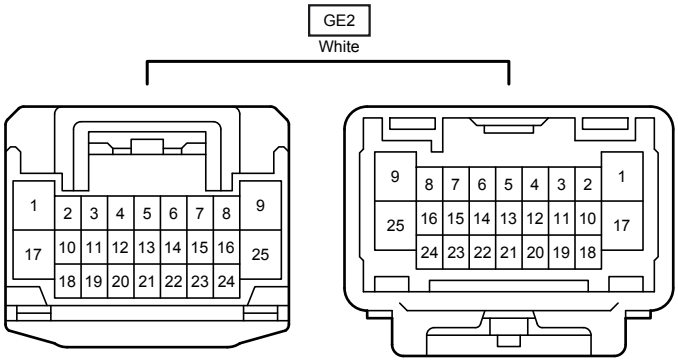
EA4
White



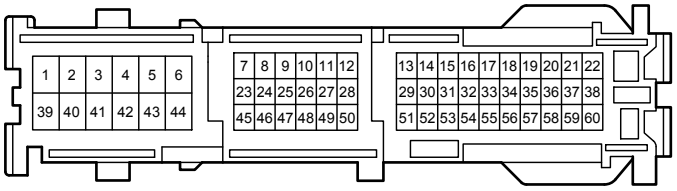
FE4
White

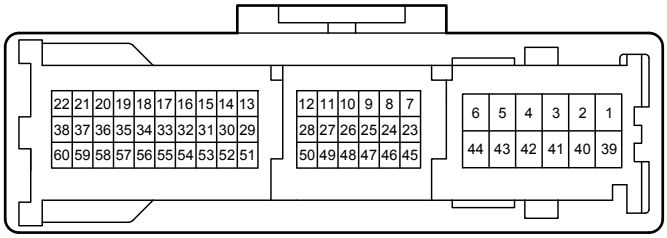


GE2
White

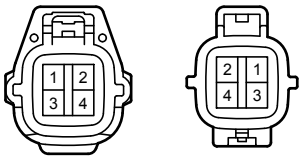


NK1
White

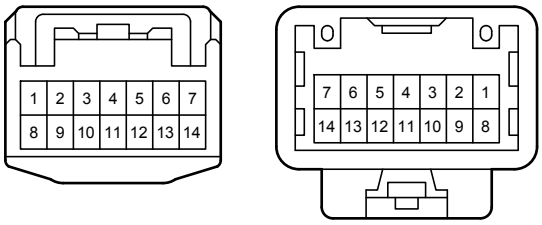




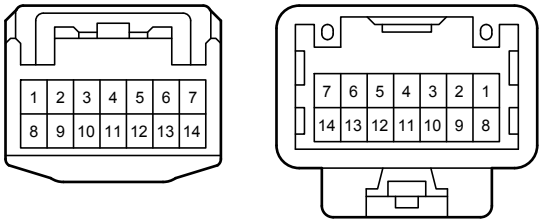
Nz1
Gray

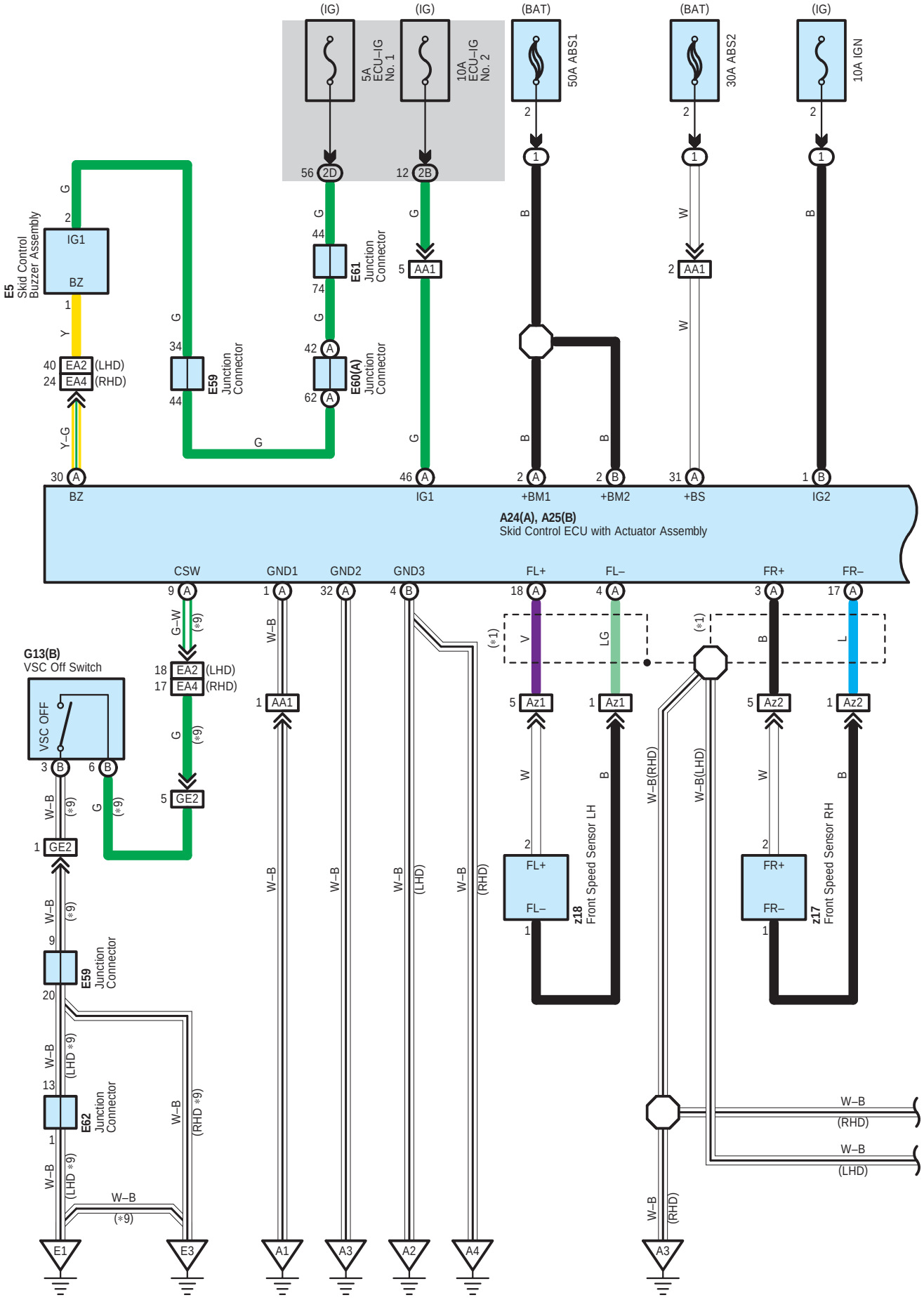


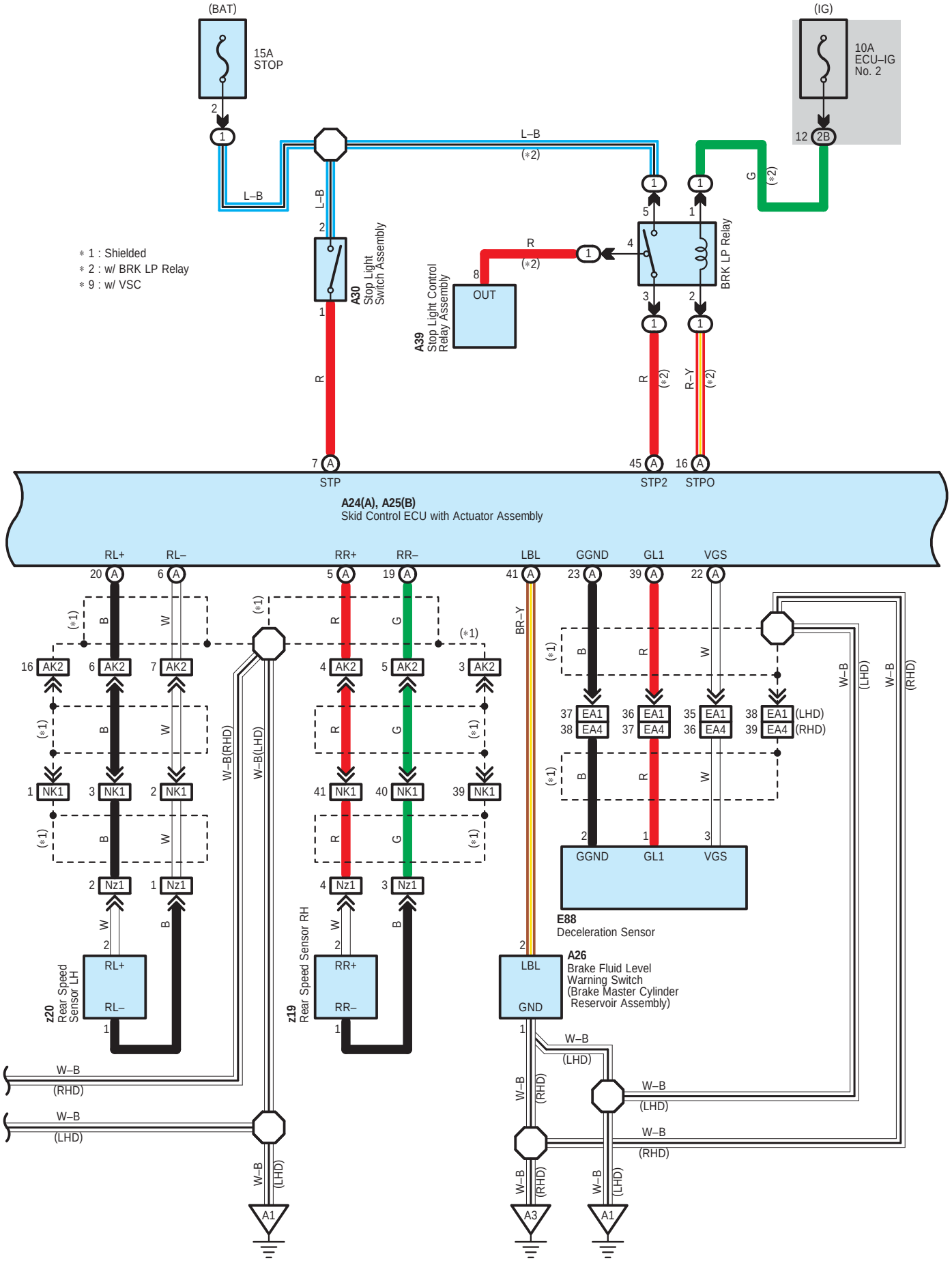
VE1
White

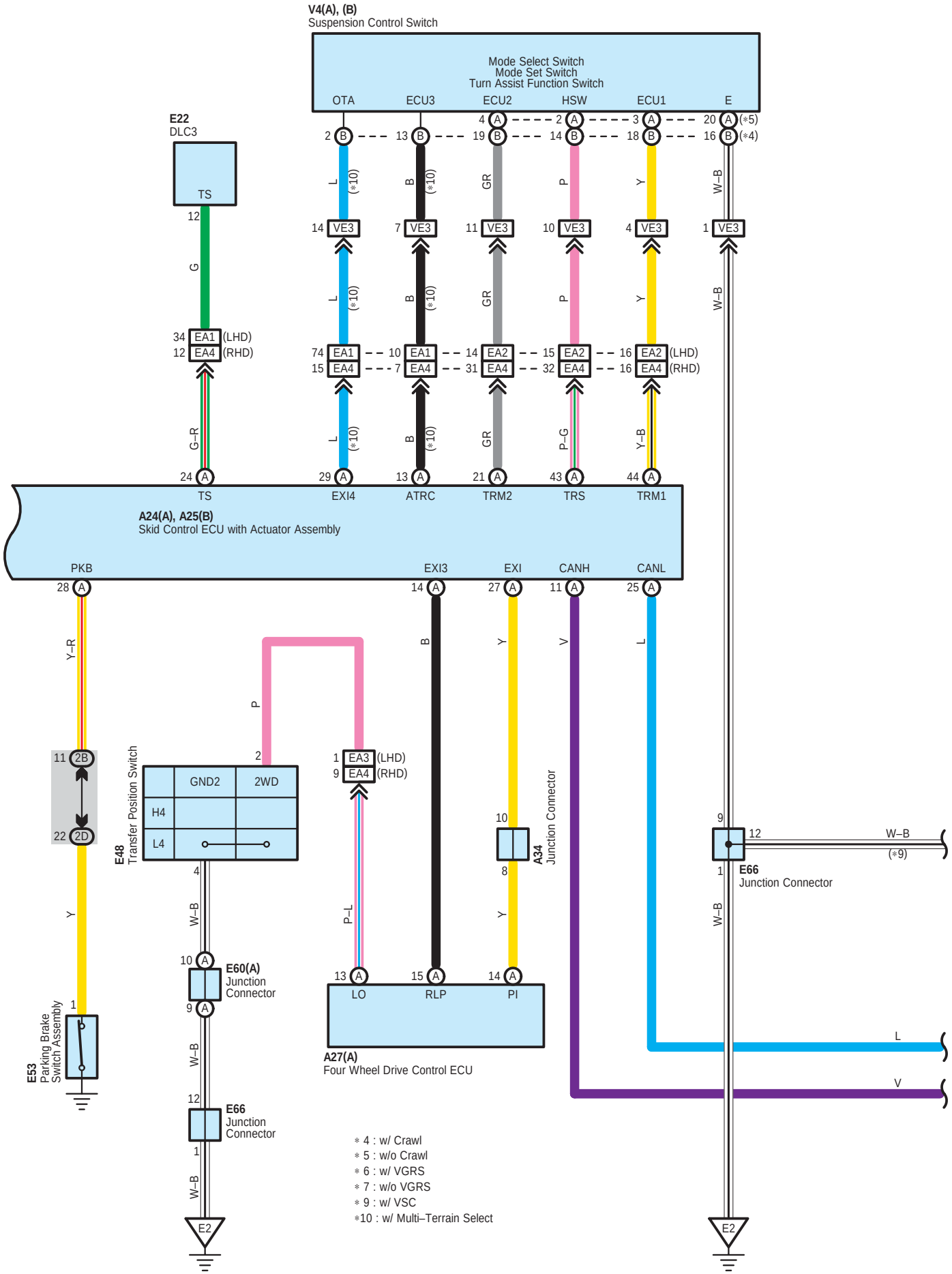


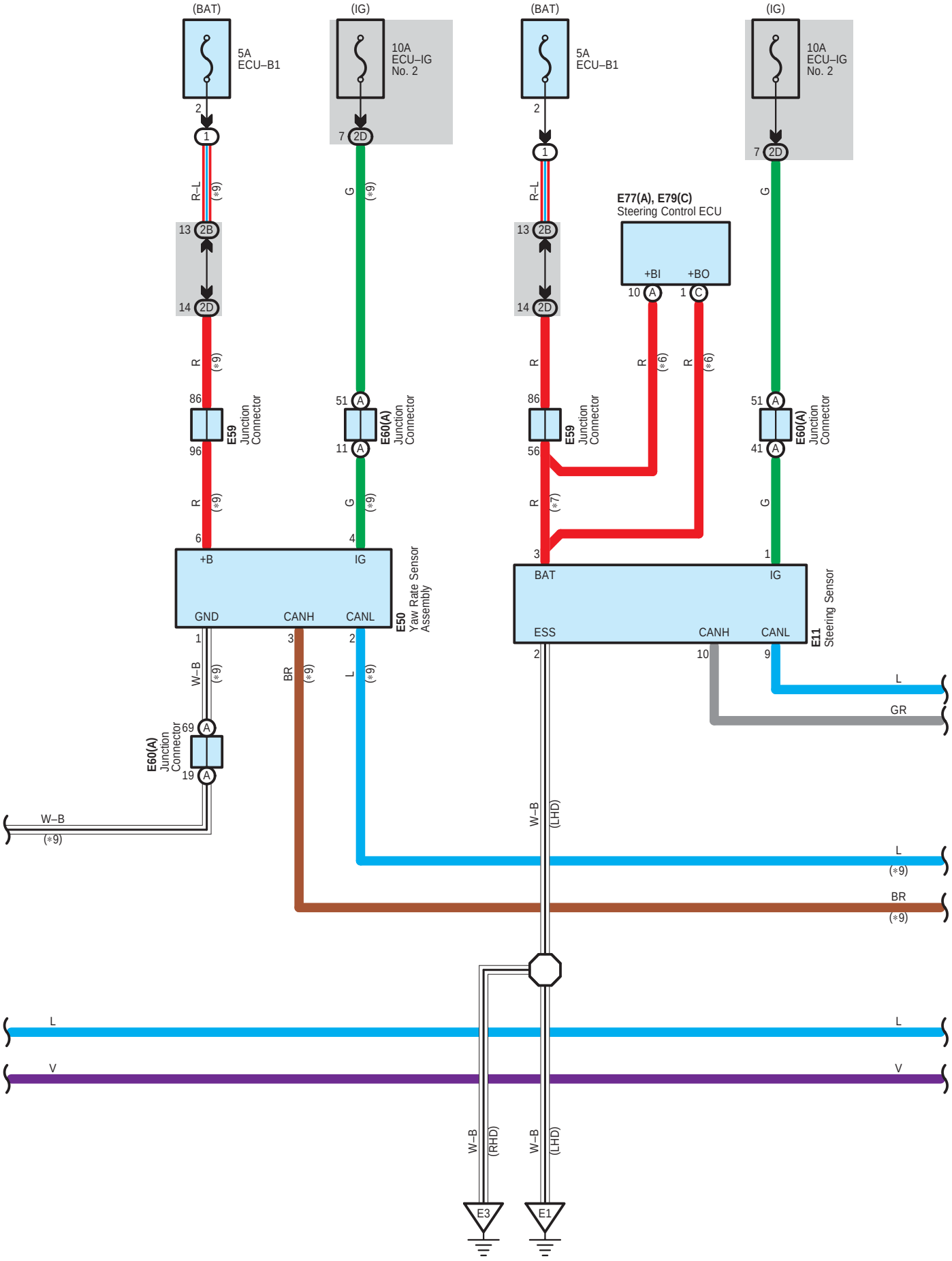
VE3
Gray

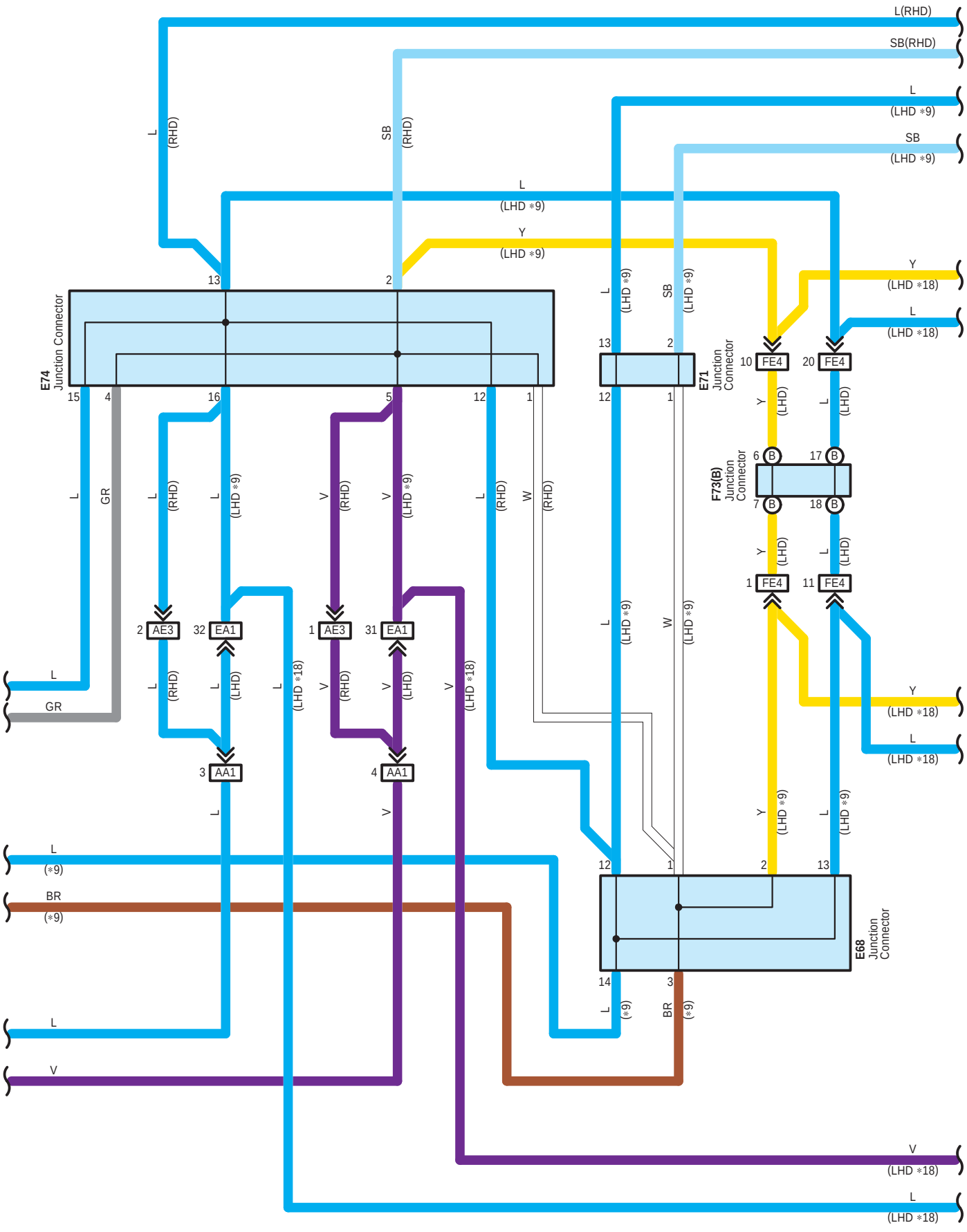


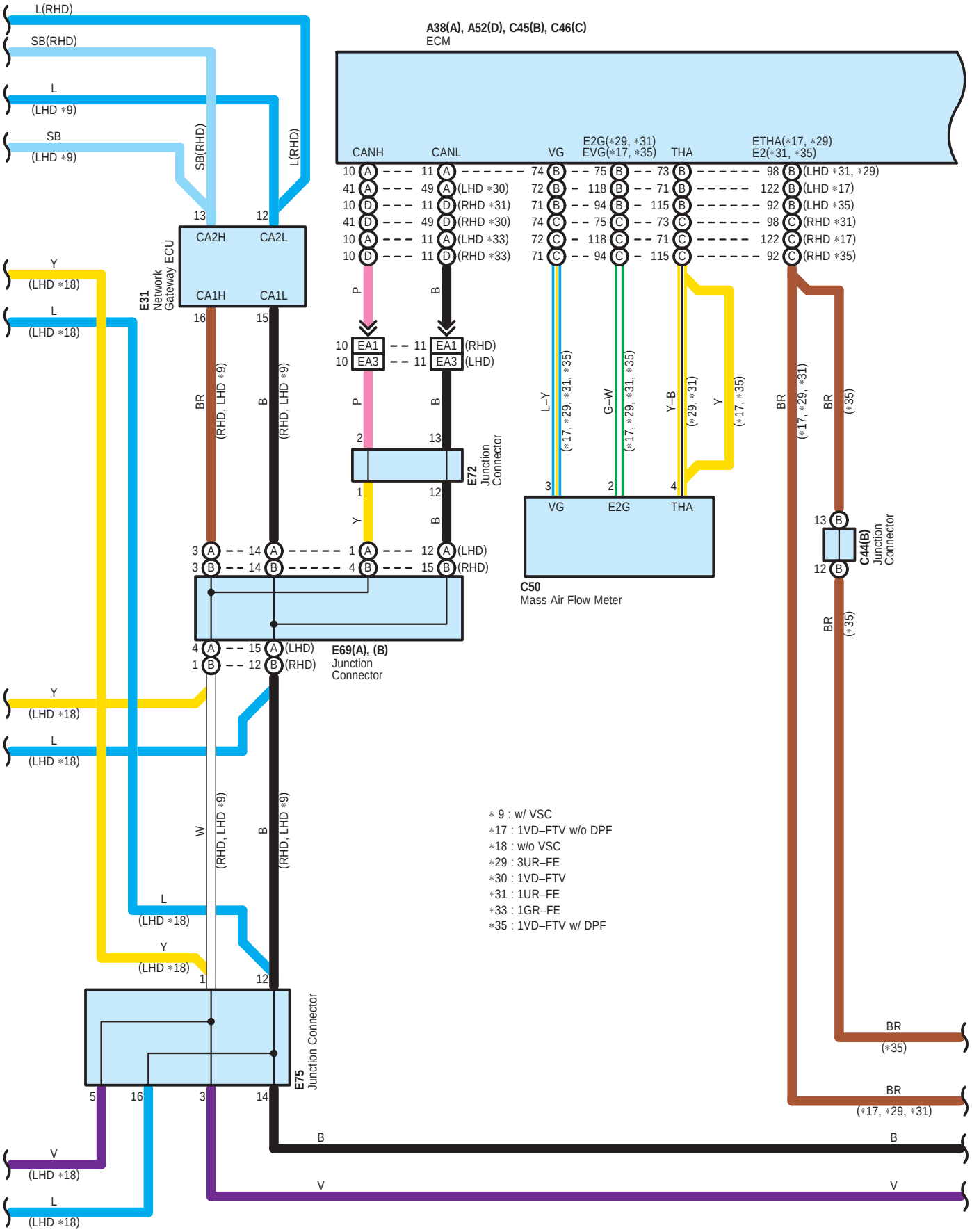

(IG)
(IG)
(BAT)
(BAT)
(IG)
5A ECU-IG No. 1
10A ECU-IG No. 2
50A ABS1
30A ABS2
10A IGN
E5 Skid Control Buzzer Assembly
IG1
BZ
E61 Junction Connector
E59 Junction Connector
E60(A) Junction Connector
AA1
EA2 (LHD)
EA4 (RHD)
BZ
IG1
+BM1
+BM2
+BS
IG2
A24(A), A25(B)
Skid Control ECU with Actuator Assembly
CSW
GND1
GND2
GND3
FL+
FL–
FR+
FR–
G13(B)
VSC Off Switch
VSC OFF
GE2
Az1
Az2
z18 Front Speed Sensor LH
z17 Front Speed Sensor RH
E62 Junction Connector
W–B (LHD)
W–B (RHD)
E1
E3
A1
A3
A2
A4

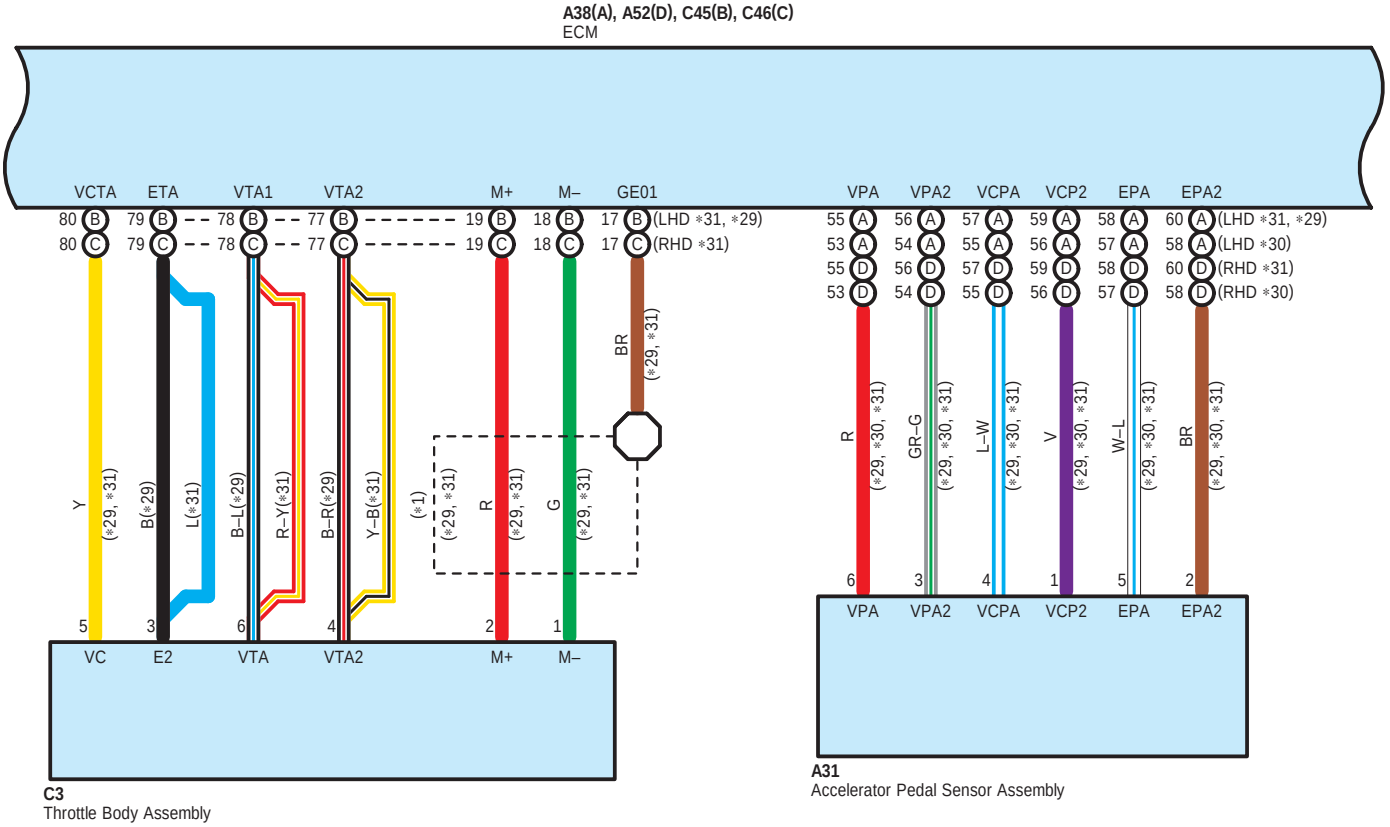

(BAT)
15A
STOP
(IG)
10A
ECU–IG
No. 2
L–B
(*2)
G
(*2)
* 1 : Shielded
* 2 : w/ BRK LP Relay
* 9 : w/ VSC
A30
Stop Light
Switch Assembly
A39
Stop Light Control
Relay Assembly
OUT
R
(*2)
BRK LP Relay
R–Y
STP
STP2
STPO
A24(A), A25(B)
Skid Control ECU with Actuator Assembly
RL+
RL–
RR+
RR–
LBL
GGND
GL1
VGS
AK2
NK1
Nz1
(*1)
W–B(RHD)
W–B(LHD)
z20
Rear Speed
Sensor LH
z19
Rear Speed Sensor RH
E88
Deceleration Sensor
A26
Brake Fluid Level
Warning Switch
(Brake Master Cylinder
Reservoir Assembly)
EA1
EA4
(LHD)
(RHD)
A1
A3


V4(A), (B)
Suspension Control Switch
Mode Select Switch
Mode Set Switch
Turn Assist Function Switch
OTA
ECU3
ECU2
HSW
ECU1
E
E22
DLC3
TS
EA1 (LHD)
EA4 (RHD)
VE3
EA2 (LHD)
EA2 (RHD)
A24(A), A25(B)
Skid Control ECU with Actuator Assembly
EXI4
ATRC
TRM2
TRS
TRM1
PKB
EXI3
EXI
CANH
CANL
E48
Transfer Position Switch
GND2
2WD
H4
L4
EA3 (LHD)
EA4 (RHD)
A34
Junction Connector
E66
Junction Connector
W–B
(*9)
E60(A)
Junction Connector
E53
Parking Brake Switch Assembly
A27(A)
Four Wheel Drive Control ECU
LO
RLP
PI
L
V
E2
* 4 : w/ Crawl
* 5 : w/o Crawl
* 6 : w/ VGRS
* 7 : w/o VGRS
* 9 : w/ VSC
*10 : w/ Multi–Terrain Select


(BAT)
5A
ECU–B1
2
1
R–L
(*9)
13 2B
14 2D
R
(*9)
86
E59
Junction
Connector
96
R
(*9)
6
+B
(IG)
10A
ECU–IG
No. 2
7 2D
G
(*9)
51 A
E60(A)
Junction
Connector
11 A
G
(*9)
4
IG
GND
CANH
CANL
E50
Yaw Rate Sensor
Assembly
1
W–B
(*9)
3
BR
(*9)
2
L
(*9)
E60(A)
Junction
Connector
69 A
19 A
W–B
(*9)
E77(A), E79(C)
Steering Control ECU
+BI
+BO
10 A
1 C
R
(*6)
R
(*6)
56
R
(*7)
3
BAT
IG
ESS
CANH
CANL
E11
Steering Sensor
2
10
9
L
GR
W–B
(LHD)
L
(*9)
BR
(*9)
L
L
V
V
W–B
(RHD)
W–B
(LHD)
E3
E1

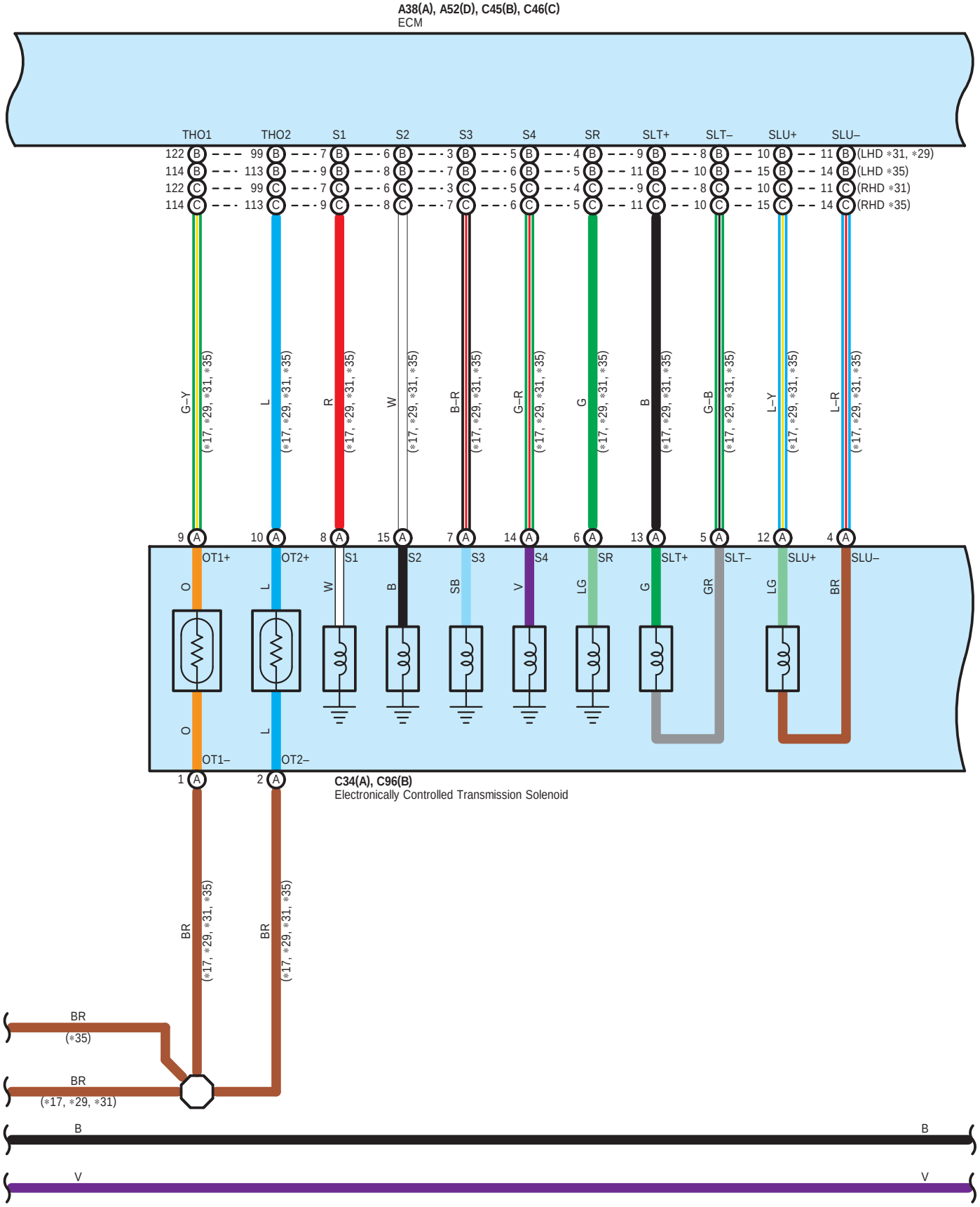

L(RHD)
SB(RHD)
L (LHD ∗9)
SB (LHD ∗9)
L (LHD ∗9)
Y (LHD ∗9)
Y (LHD ∗18)
L (LHD ∗18)
E74 Junction Connector
E71 Junction Connector
F73(B) Junction Connector
E68 Junction Connector
AE3
EA1
AA1
FE4
L
GR
BR
V
(RHD)
(LHD)
(LHD ∗18)
(∗9)
W

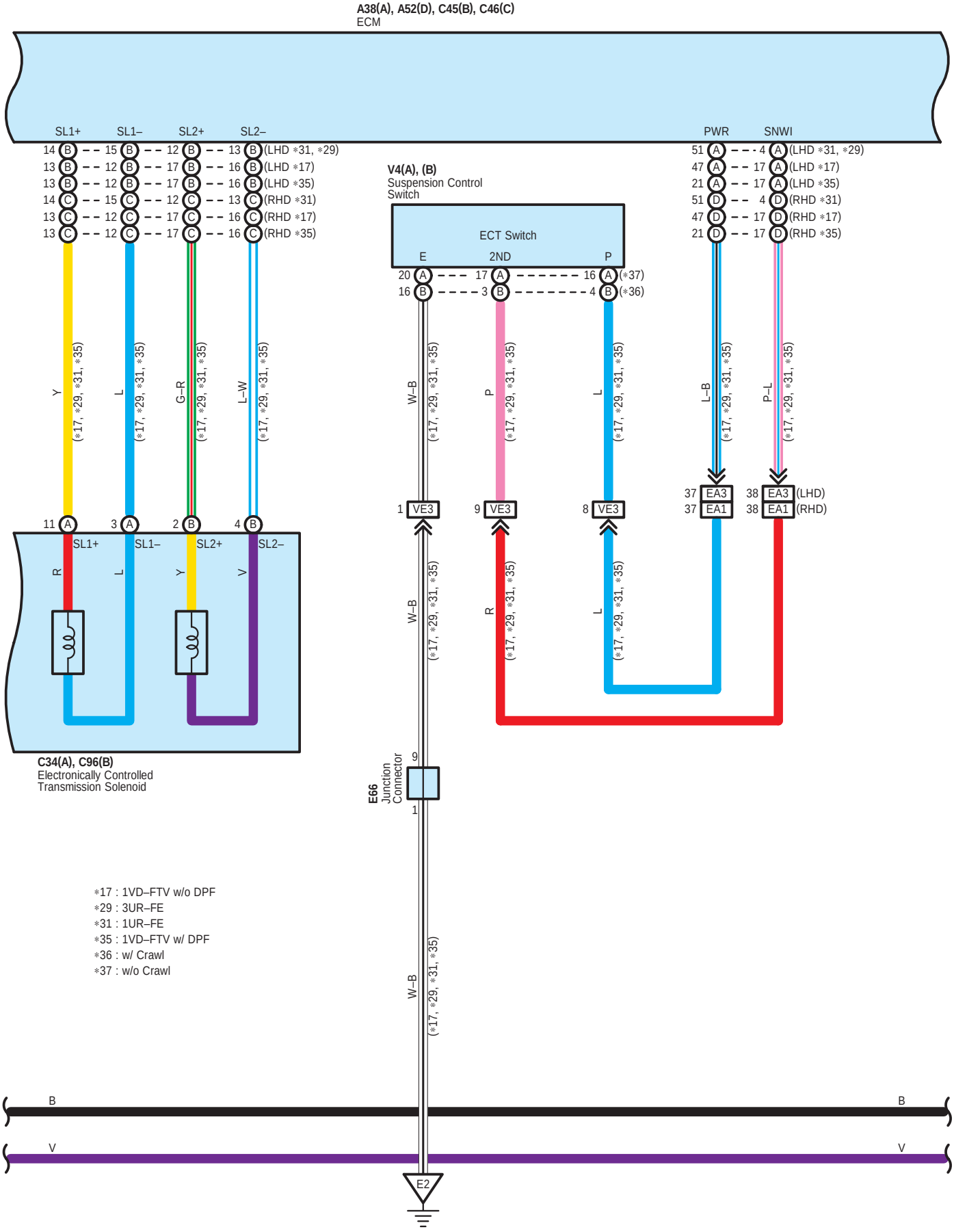

A38(A), A52(D), C45(B), C46(C)
ECM
CANH
CANL
VG
E2G(*29, *31)
EVG(*17, *35)
THA
ETHA(*17, *29)
E2(*31, *35)
L(RHD)
SB(RHD)
L
(LHD *9)
SB
(LHD *9)
E31
Network Gateway ECU
CA2H
CA2L
CA1H
CA1L
E72
Junction Connector
E69(A), (B)
Junction Connector
C50
Mass Air Flow Meter
C44(B)
Junction Connector
E75
Junction Connector
(LHD)
(RHD)
(LHD *30)
(RHD *31)
(RHD *30)
(LHD *33)
(RHD *33)
(LHD *31, *29)
(LHD *17)
(LHD *35)
(RHD *31)
(RHD *17)
(RHD *35)
(RHD, LHD *9)
(*17, *29, *31, *35)
(*29, *31)
(*17, *35)
(*17, *29, *31)
(*35)
Y
(LHD *18)
L
(LHD *18)
V
(LHD *18)
BR
B
V
W
P
L–Y
G–W
Y–B
*9 : w/ VSC
*17 : 1VD–FTV w/o DPF
*18 : w/o VSC
*29 : 3UR–FE
*30 : 1VD–FTV
*31 : 1UR–FE
*33 : 1GR–FE
*35 : 1VD–FTV w/ DPF

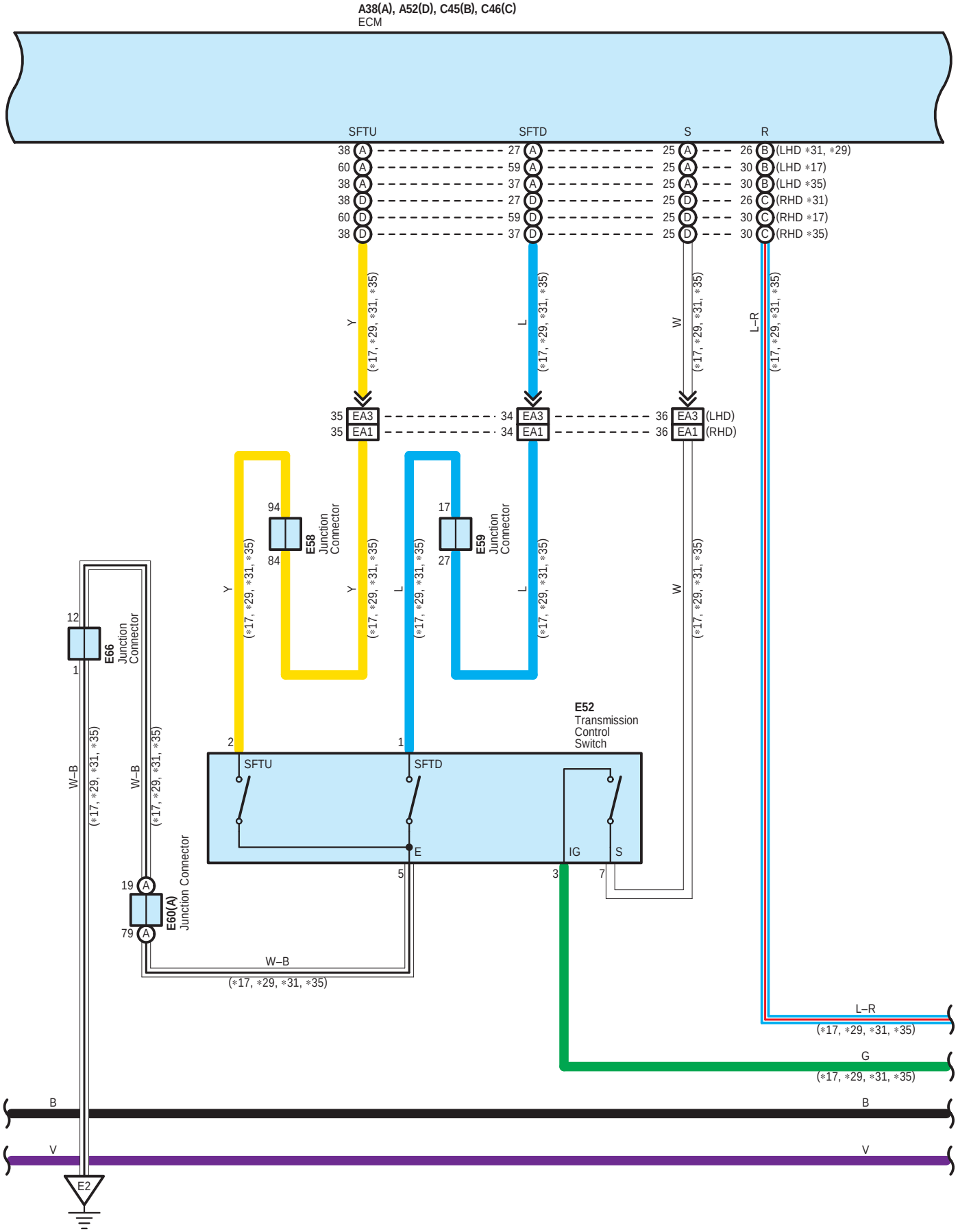


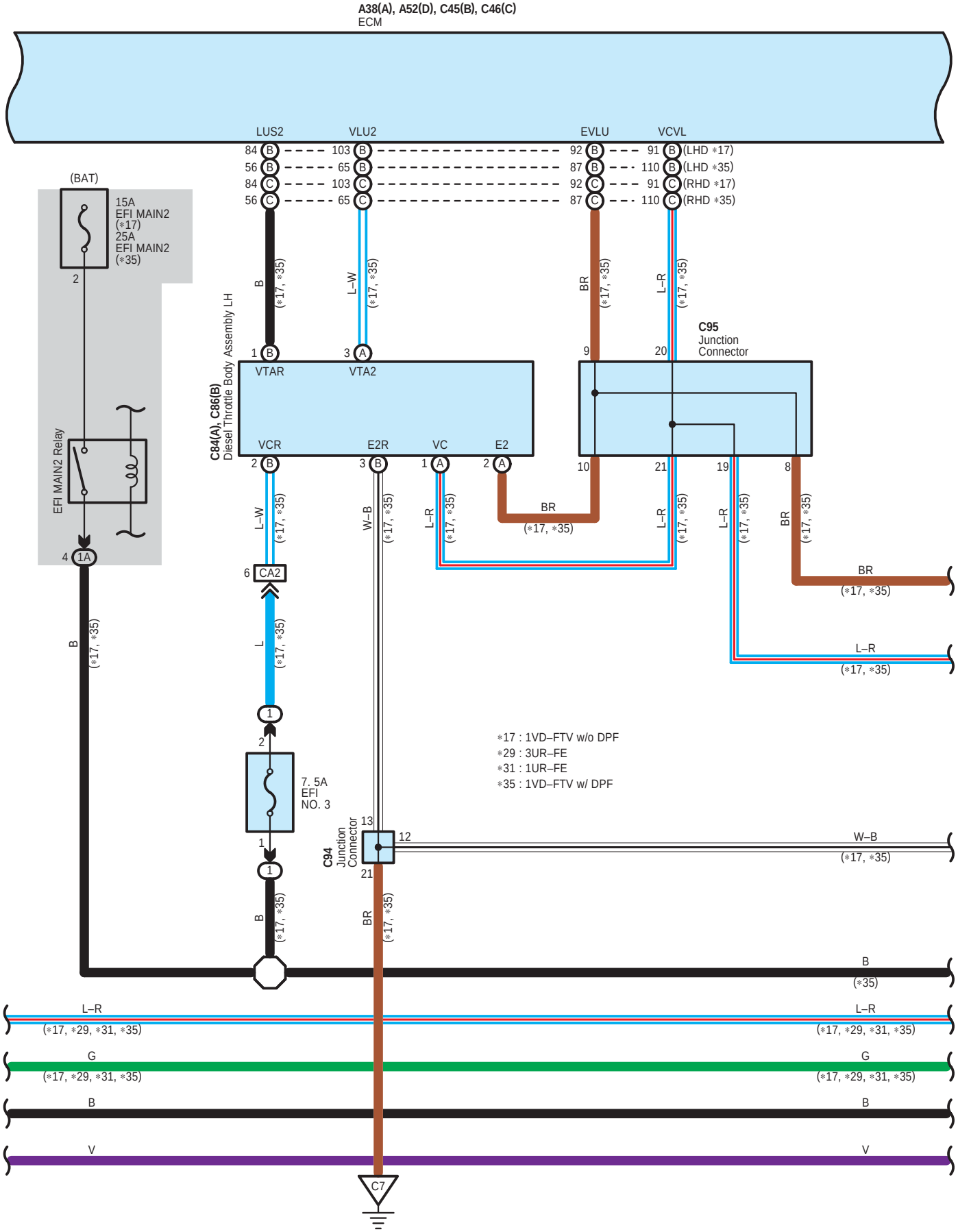
∗ 1 : Shielded
∗17 : 1VD–FTV w/o DPF
∗29 : 3UR–FE
∗30 : 1VD–FTV
∗31 : 1UR–FE
∗35 : 1VD–FTV w/ DPF

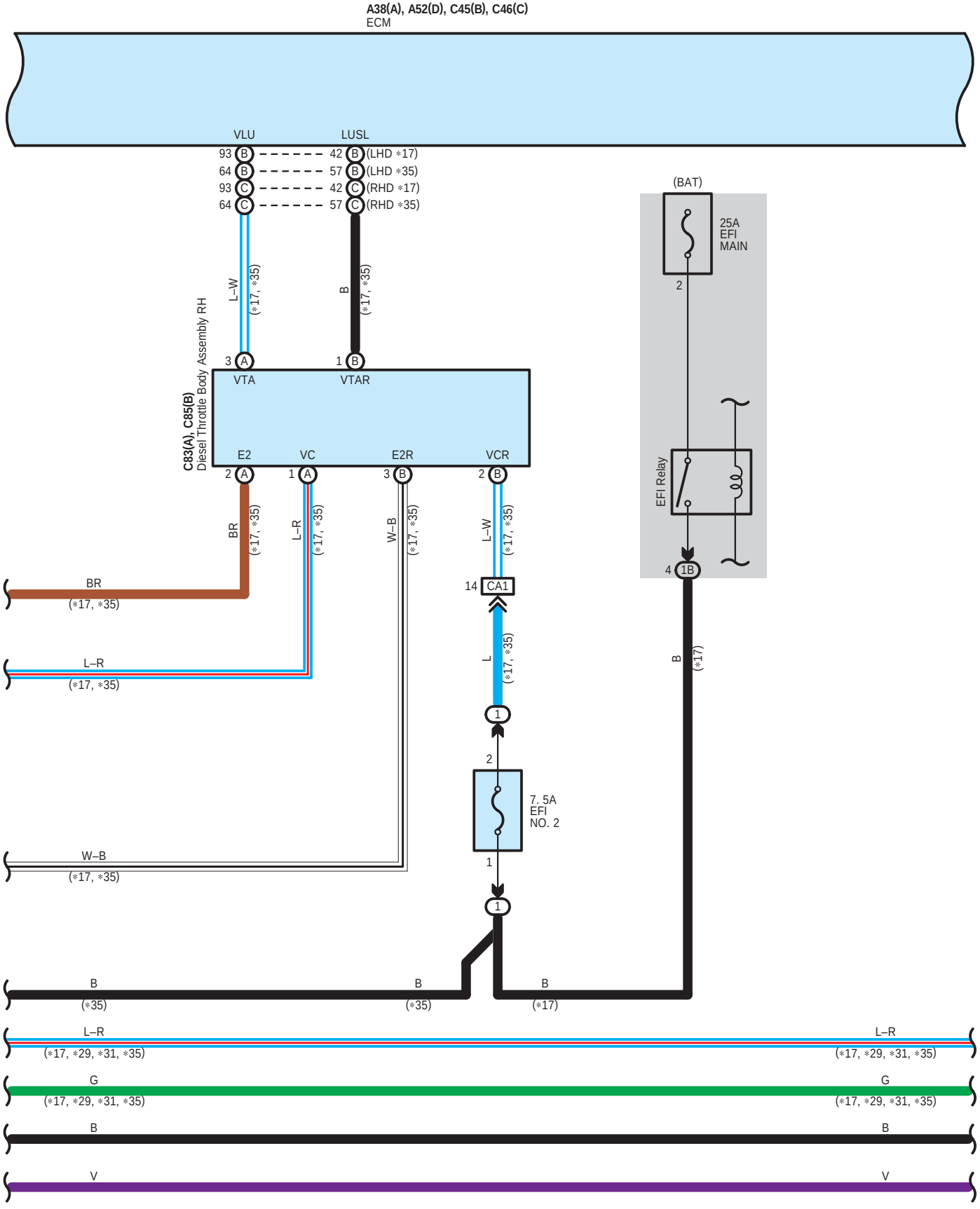


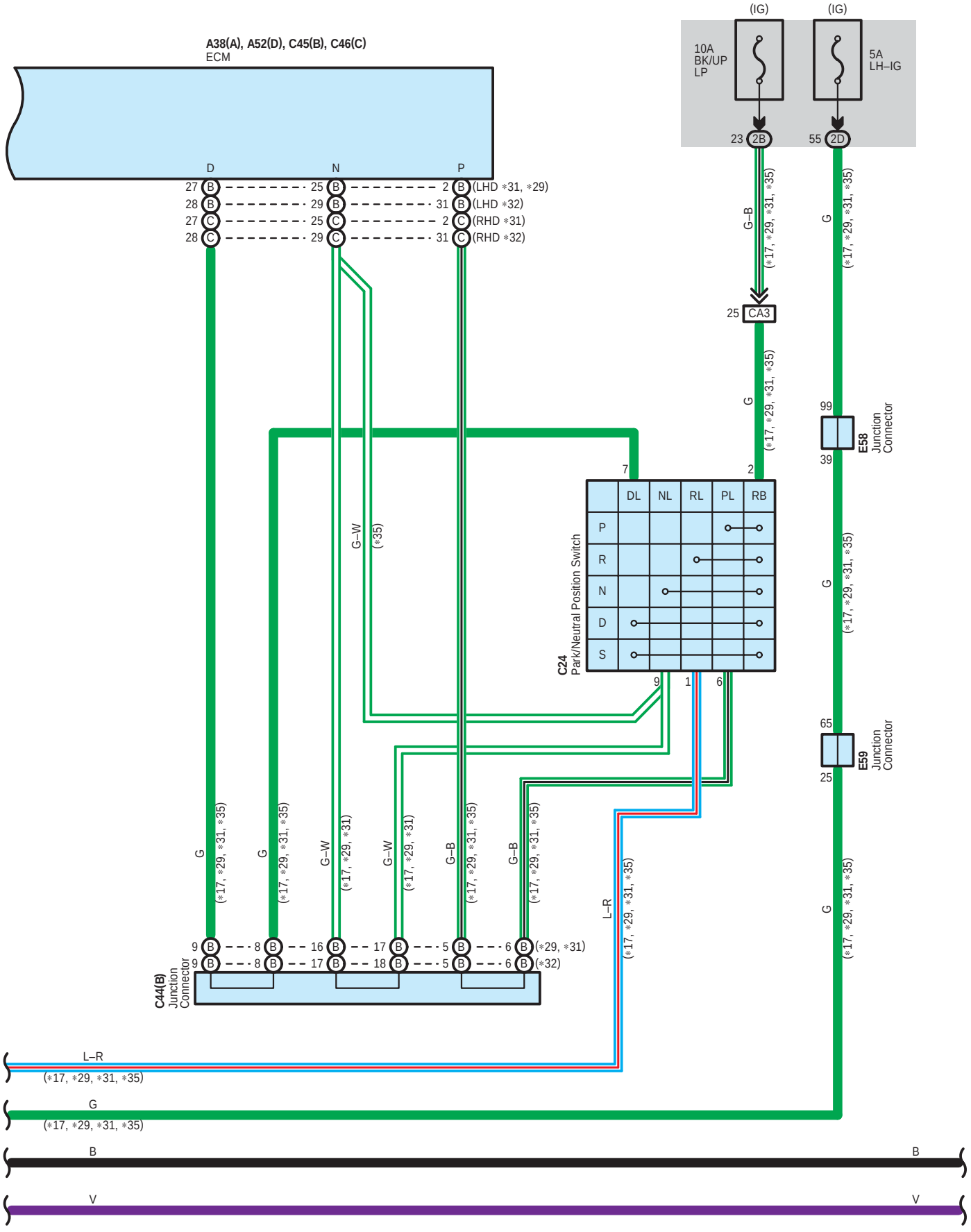

A38(A), A52(D), C45(B), C46(C)
ECM
THO1
THO2
S1
S2
S3
S4
SR
SLT+
SLT–
SLU+
SLU–
122 B
99 B
7 B
6 B
3 B
5 B
4 B
9 B
8 B
10 B
11 B
(LHD ∗31, ∗29)
114 B
113 B
9 B
8 B
7 B
6 B
5 B
11 B
10 B
15 B
14 B
(LHD ∗35)
122 C
99 C
7 C
6 C
3 C
5 C
4 C
9 C
8 C
10 C
11 C
(RHD ∗31)
114 C
113 C
9 C
8 C
7 C
6 C
5 C
11 C
10 C
15 C
14 C
(RHD ∗35)
G–Y (∗17, ∗29, ∗31, ∗35)
L (∗17, ∗29, ∗31, ∗35)
R (∗17, ∗29, ∗31, ∗35)
W (∗17, ∗29, ∗31, ∗35)
B–R (∗17, ∗29, ∗31, ∗35)
G–R (∗17, ∗29, ∗31, ∗35)
G (∗17, ∗29, ∗31, ∗35)
B (∗17, ∗29, ∗31, ∗35)
G–B (∗17, ∗29, ∗31, ∗35)
L–Y (∗17, ∗29, ∗31, ∗35)
L–R (∗17, ∗29, ∗31, ∗35)
9 A
10 A
8 A
15 A
7 A
14 A
6 A
13 A
5 A
12 A
4 A
OT1+
OT2+
S1
S2
S3
S4
SR
SLT+
SLT–
SLU+
SLU–
O
L
W
B
SB
V
LG
G
GR
LG
BR
O
L
OT1–
OT2–
1 A
2 A
C34(A), C96(B)
Electronically Controlled Transmission Solenoid
BR (∗17, ∗29, ∗31, ∗35)
BR (∗17, ∗29, ∗31, ∗35)
BR (∗35)
BR (∗17, ∗29, ∗31)
B
B
V
V

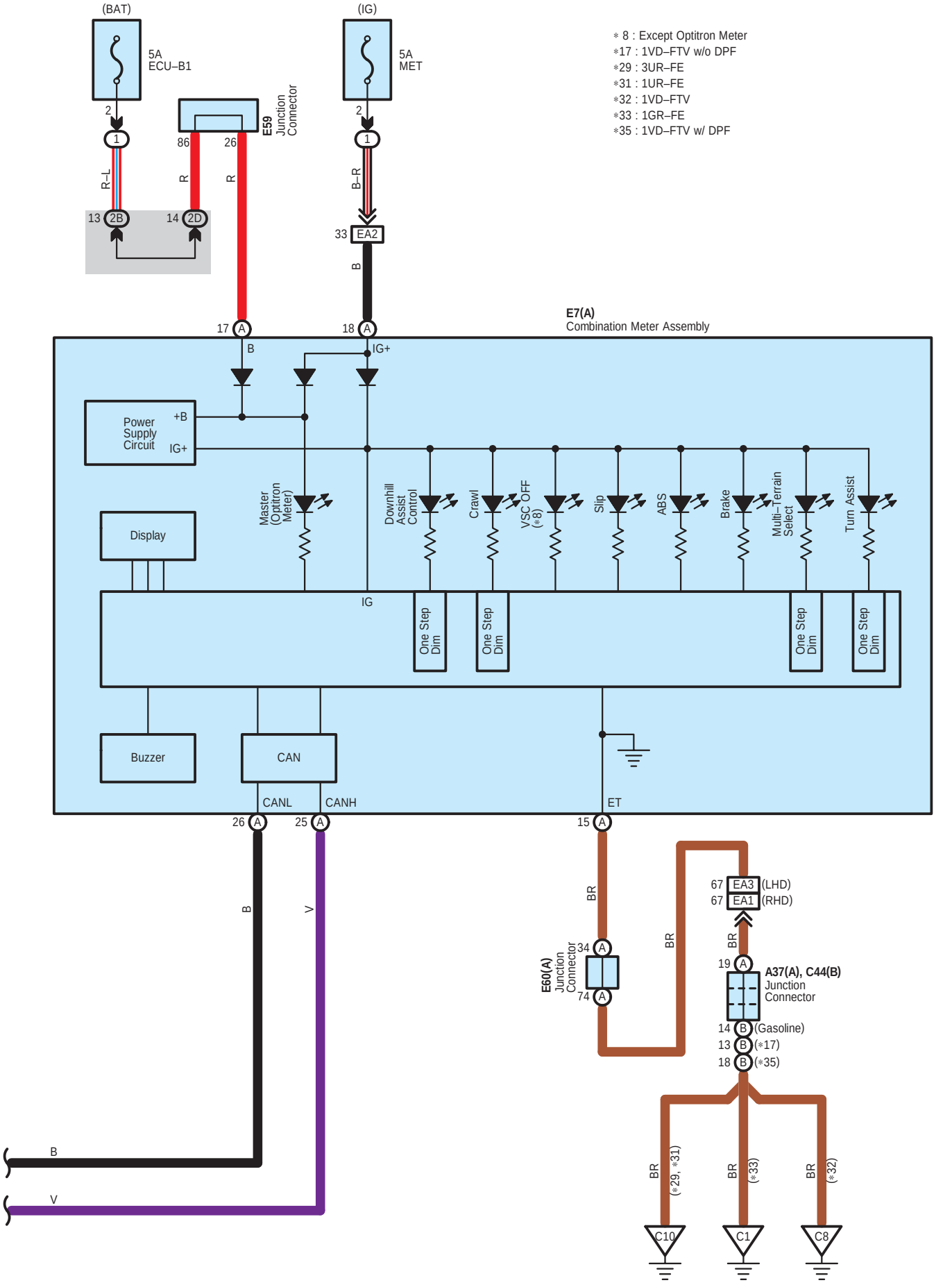

A38(A), A52(D), C45(B), C46(C)
ECM
SL1+
SL1–
SL2+
SL2–
PWR
SNWI
14 B – 15 B – 12 B – 13 B (LHD ∗31, ∗29)
13 B – 12 B – 17 B – 16 B (LHD ∗17)
13 B – 12 B – 17 B – 16 B (LHD ∗35)
14 C – 15 C – 12 C – 13 C (RHD ∗31)
13 C – 12 C – 17 C – 16 C (RHD ∗17)
13 C – 12 C – 17 C – 16 C (RHD ∗35)
51 A – 4 A (LHD ∗31, ∗29)
47 A – 17 A (LHD ∗17)
21 A – 17 A (LHD ∗35)
51 D – 4 D (RHD ∗31)
47 D – 17 D (RHD ∗17)
21 D – 17 D (RHD ∗35)
V4(A), (B)
Suspension Control
Switch
ECT Switch
E
2ND
P
20 A – 17 A – 16 A (∗37)
16 B – 3 B – 4 B (∗36)
Y (∗17, ∗29, ∗31, ∗35)
L (∗17, ∗29, ∗31, ∗35)
G–R (∗17, ∗29, ∗31, ∗35)
L–W (∗17, ∗29, ∗31, ∗35)
W–B (∗17, ∗29, ∗31, ∗35)
P (∗17, ∗29, ∗31, ∗35)
L (∗17, ∗29, ∗31, ∗35)
L–B (∗17, ∗29, ∗31, ∗35)
P–L (∗17, ∗29, ∗31, ∗35)
11 A
3 A
2 B
4 B
1 VE3
9 VE3
8 VE3
37 EA3
37 EA1
38 EA3 (LHD)
38 EA1 (RHD)
SL1+
SL1–
SL2+
SL2–
R
L
Y
V
C34(A), C96(B)
Electronically Controlled
Transmission Solenoid
E66
Junction
Connector
9
1
W–B (∗17, ∗29, ∗31, ∗35)
R (∗17, ∗29, ∗31, ∗35)
L (∗17, ∗29, ∗31, ∗35)
W–B (∗17, ∗29, ∗31, ∗35)
∗17 : 1VD–FTV w/o DPF
∗29 : 3UR–FE
∗31 : 1UR–FE
∗35 : 1VD–FTV w/ DPF
∗36 : w/ Crawl
∗37 : w/o Crawl
B
B
V
V
E2


A38(A), A52(D), C45(B), C46(C)
ECM
SFTU
SFTD
S
R
38 A
60 A
38 A
38 D
60 D
38 D
27 A
59 A
37 A
27 D
59 D
37 D
25 A
25 A
25 A
25 D
25 D
25 D
26 B (LHD *31, *29)
30 B (LHD *17)
30 B (LHD *35)
26 C (RHD *31)
30 C (RHD *17)
30 C (RHD *35)
Y (*17, *29, *31, *35)
L (*17, *29, *31, *35)
W (*17, *29, *31, *35)
L–R (*17, *29, *31, *35)
35 EA3
35 EA1
34 EA3
34 EA1
36 EA3 (LHD)
36 EA1 (RHD)
94
84
E58 Junction Connector
17
27
E59 Junction Connector
12
1
E66 Junction Connector
W–B (*17, *29, *31, *35)
19 A
79 A
E60(A) Junction Connector
E52 Transmission Control Switch
2
1
SFTU
SFTD
E
IG
S
5
3
7
W–B (*17, *29, *31, *35)
L–R (*17, *29, *31, *35)
G (*17, *29, *31, *35)
B
V
E2

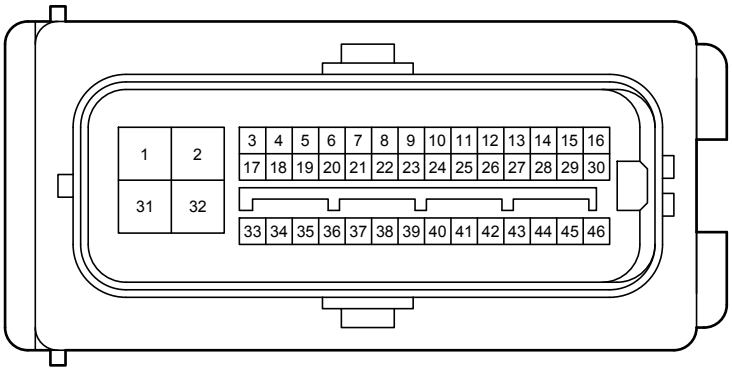

A38(A), A52(D), C45(B), C46(C)
ECM
LUS2
VLU2
EVLU
VCVL
84 B
56 B
84 C
56 C
103 B
65 B
103 C
65 C
92 B
87 B
92 C
87 C
91 B (LHD *17)
110 B (LHD *35)
91 C (RHD *17)
110 C (RHD *35)
(BAT)
15A EFI MAIN2 (*17)
25A EFI MAIN2 (*35)
2
B (*17, *35)
L–W (*17, *35)
BR (*17, *35)
L–R (*17, *35)
C95 Junction Connector
1 B
3 A
9
20
VTAR
VTA2
C84(A), C86(B) Diesel Throttle Body Assembly LH
VCR
E2R
VC
E2
2 B
3 B
1 A
2 A
10
21
19
8
L–W (*17, *35)
W–B (*17, *35)
L–R (*17, *35)
BR (*17, *35)
EFI MAIN2 Relay
4 1A
6 CA2
B (*17, *35)
L (*17, *35)
BR (*17, *35)
L–R (*17, *35)
BR (*17, *35)
L–R (*17, *35)
1
2
7. 5A EFI NO. 3
1
1
B (*17, *35)
*17 : 1VD–FTV w/o DPF
*29 : 3UR–FE
*31 : 1UR–FE
*35 : 1VD–FTV w/ DPF
C94 Junction Connector
13
12
21
W–B (*17, *35)
BR (*17, *35)
B (*35)
L–R (*17, *29, *31, *35)
L–R (*17, *29, *31, *35)
G (*17, *29, *31, *35)
G (*17, *29, *31, *35)
B
B
V
V
C7


A38(A), A52(D), C45(B), C46(C)
ECM
VLU
LUSL
93 B
64 B
93 C
64 C
42 B
57 B
42 C
57 C
(LHD *17)
(LHD *35)
(RHD *17)
(RHD *35)
L–W
(*17, *35)
B
(*17, *35)
3 A
1 B
VTA
VTAR
C83(A), C85(B)
Diesel Throttle Body Assembly RH
E2
VC
E2R
VCR
2 A
1 A
3 B
2 B
BR
L–R
W–B
L–W
(BAT)
25A
EFI
MAIN
2
EFI Relay
4 1B
14 CA1
L
B
(*17)
1
2
7. 5A
EFI
NO. 2
1
1
B
(*35)
B
(*35)
B
(*17)
L–R
(*17, *29, *31, *35)
G
(*17, *29, *31, *35)
B
V


A38(A), A52(D), C45(B), C46(C)
ECM
D
N
P
27 B
25 B
2 B
(LHD ∗31, ∗29)
28 B
29 B
31 B
(LHD ∗32)
27 C
25 C
2 C
(RHD ∗31)
28 C
29 C
31 C
(RHD ∗32)
(IG)
(IG)
10A
BK/UP
LP
5A
LH–IG
23 2B
55 2D
G–B
(∗17, ∗29, ∗31, ∗35)
G
(∗17, ∗29, ∗31, ∗35)
25 CA3
G
(∗17, ∗29, ∗31, ∗35)
99
E58
Junction
Connector
39
7
2
DL
NL
RL
PL
RB
P
R
N
D
S
C24
Park/Neutral Position Switch
9
1
6
G–W
(∗35)
65
E59
Junction
Connector
25
G
(∗17, ∗29, ∗31, ∗35)
G
(∗17, ∗29, ∗31, ∗35)
G–W
(∗17, ∗29, ∗31)
G–W
(∗17, ∗29, ∗31)
G–B
(∗17, ∗29, ∗31, ∗35)
G–B
(∗17, ∗29, ∗31, ∗35)
L–R
(∗17, ∗29, ∗31, ∗35)
9 B
8 B
16 B
17 B
5 B
6 B
(∗29, ∗31)
9 B
8 B
17 B
18 B
5 B
6 B
(∗32)
C44(B)
Junction
Connector
L–R
(∗17, ∗29, ∗31, ∗35)
G
(∗17, ∗29, ∗31, ∗35)
B
B
V
V

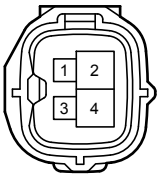

(BAT)
(IG)
5A
ECU–B1
5A
MET
E59
Junction
Connector
∗ 8 : Except Optitron Meter
∗17 : 1VD–FTV w/o DPF
∗29 : 3UR–FE
∗31 : 1UR–FE
∗32 : 1VD–FTV
∗33 : 1GR–FE
∗35 : 1VD–FTV w/ DPF
R–L
R
R
B–R
B
2B
2D
EA2
E7(A)
Combination Meter Assembly
B
IG+
Power
Supply
Circuit
+B
IG+
Master
(Optitron
Meter)
Downhill
Assist
Control
Crawl
VSC OFF
(∗8)
Slip
ABS
Brake
Multi–Terrain
Select
Turn Assist
Display
IG
One Step
Dim
Buzzer
CAN
CANL
CANH
ET
E60(A)
Junction
Connector
A37(A), C44(B)
Junction
Connector
EA3
EA1
(LHD)
(RHD)
(Gasoline)
(∗17)
(∗35)
(∗29, ∗31)
(∗33)
(∗32)
C10
C1
C8

A24
Black



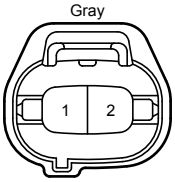
90980-12297

A25
Black



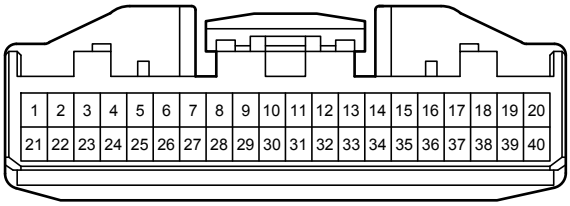
90980-12294

A26
Gray



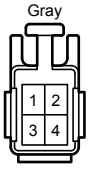
90980-11156

A27
Black



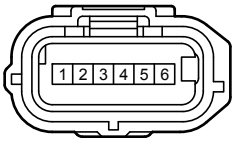
90980-12557

A30
Gray



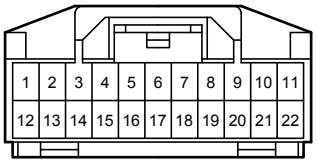
90980-10795

A31
Black



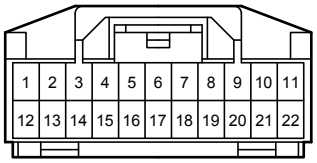
90980-12303

A34
White



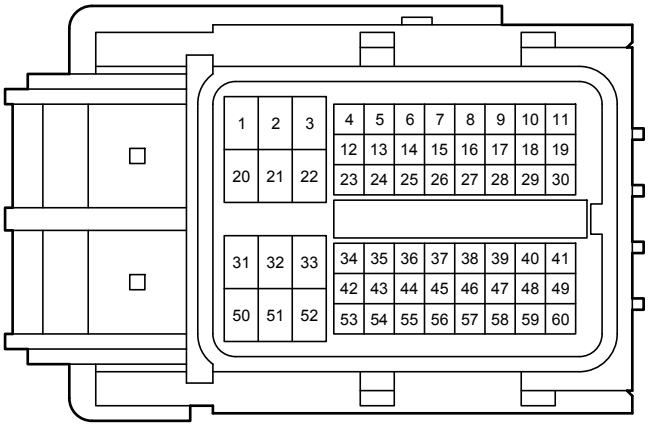
90980-11915

A37
Blue



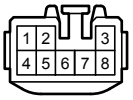
90980-11915

A38
Black



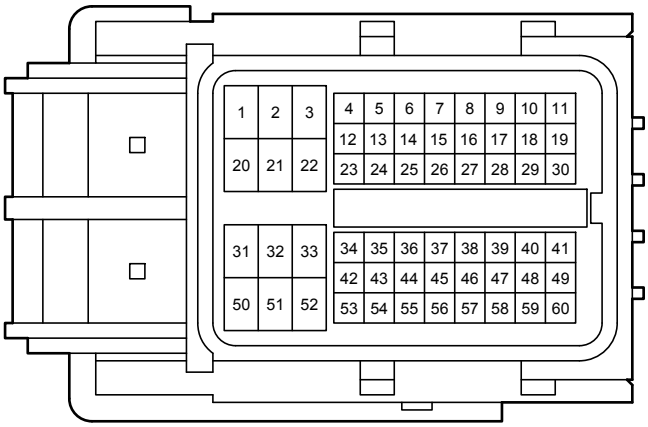
90980-12462

A39
Black



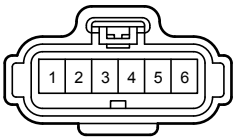
90980-10799

A52
Black



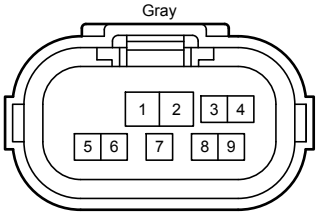
90980-12461

C3
Black



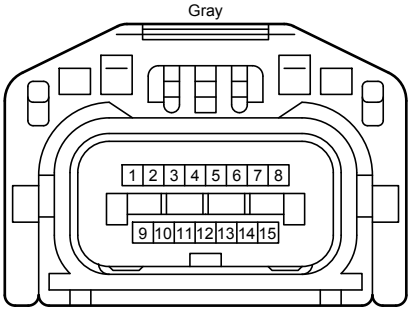
90980-11858

C24
Gray



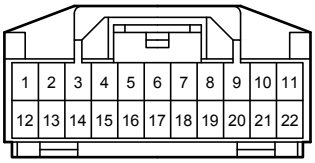
90980-12362

C34
Gray



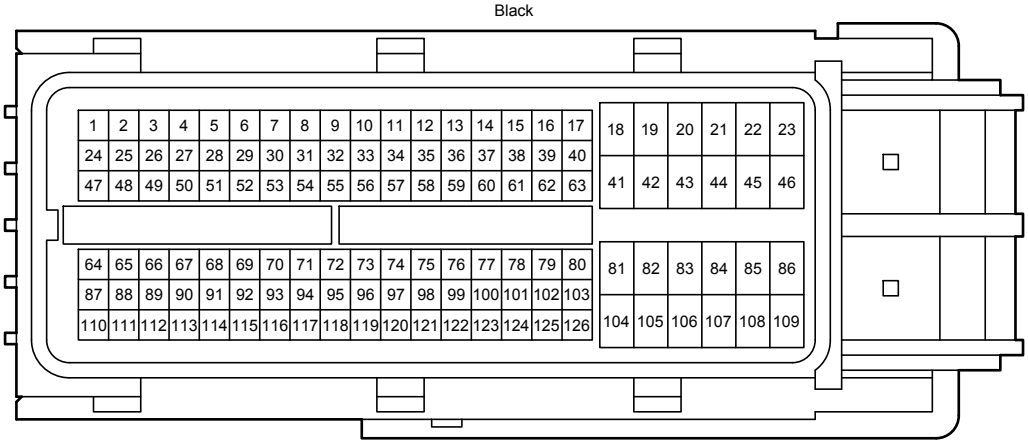
90980-12293

C44
Blue



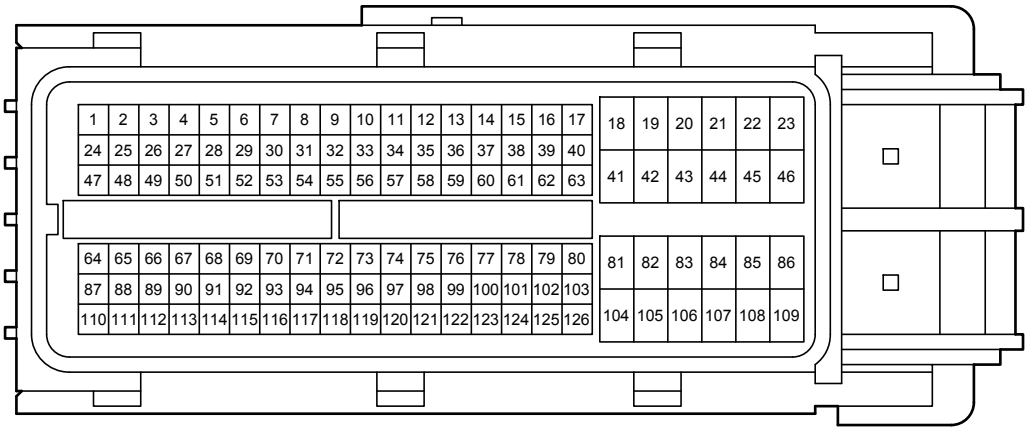
90980-11915

C45
Black



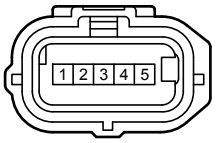
90980-12396

C46
Black



90980-12397

C50
Black



90980-12292

C83
Black



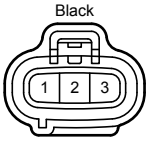
90980-11261

C84
Black



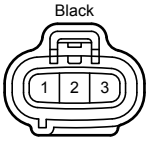
90980-11261

C85
Black



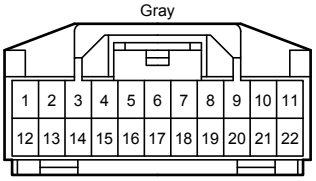
90980-11145

C86
Black



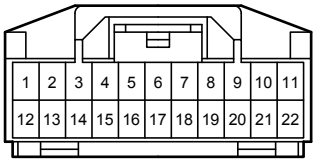
90980-11145

C94
Gray



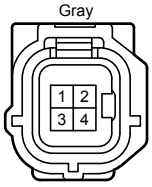
90980-11915

C95
Black



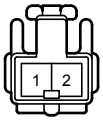
90980-11915

C96
Gray



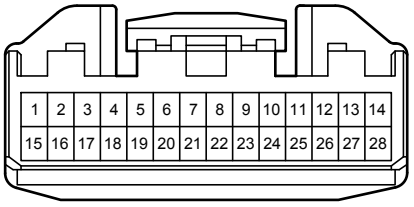
90980-12495

E5
Blue



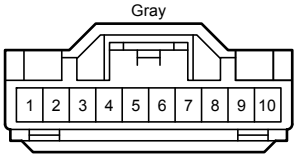
90980-10860

E7
White



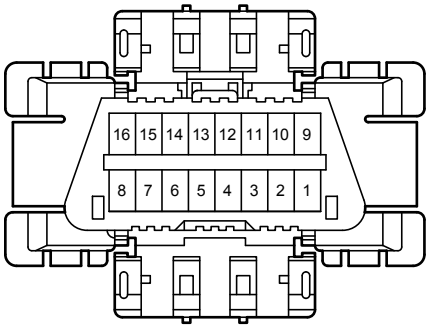
90980-12555

E11
Gray



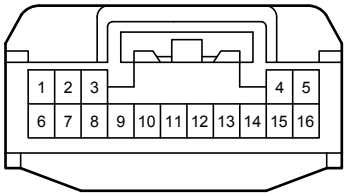
90980-12162

E22
White



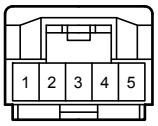
90980-11665

E31
White



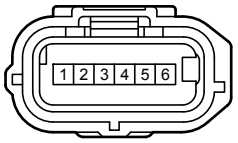
90980-12423

E48
Black



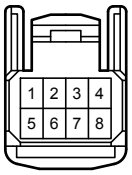
90980-11909

E50
Black



90980-12303

E52
White



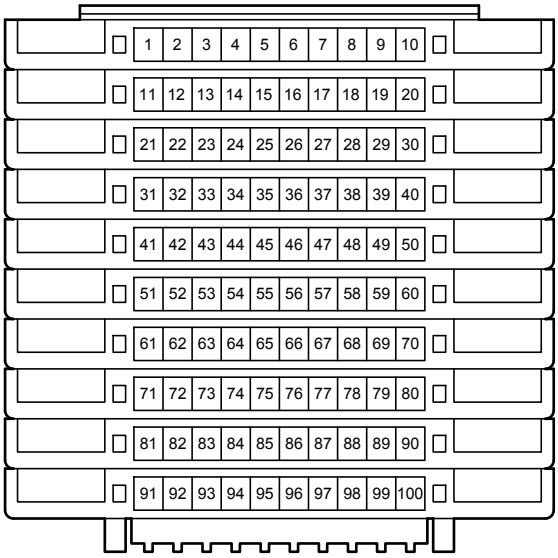
90980-12551

E53
White



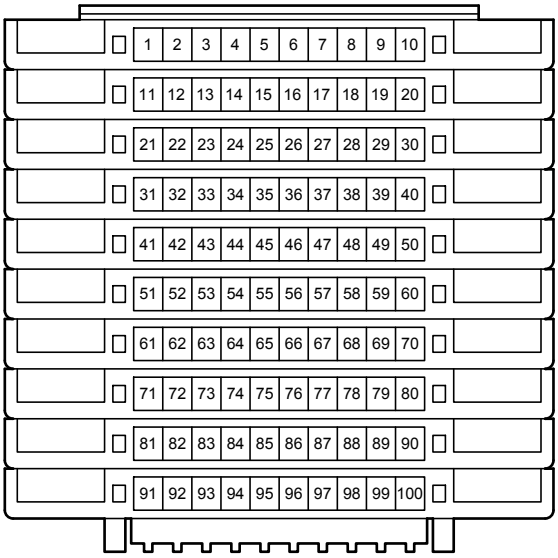
90980-10871

E58



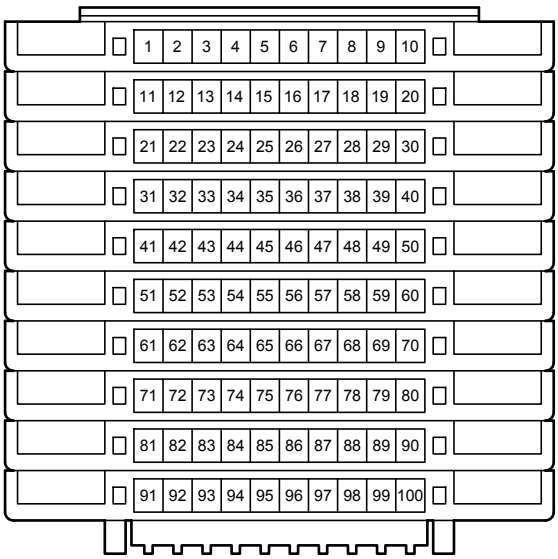
90980-12585

E59



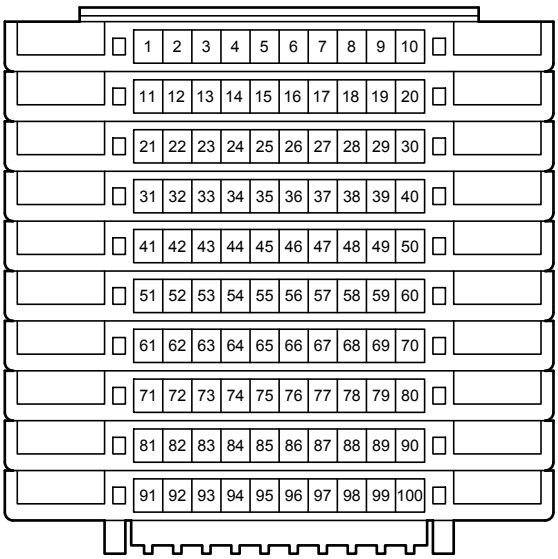
90980-12585

E60



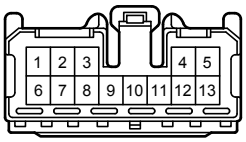
90980-12585

E61



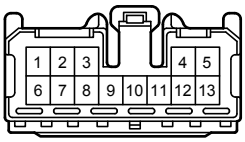
90980-12585

E62
White



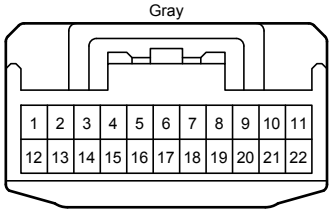
90980-11542

E66
White



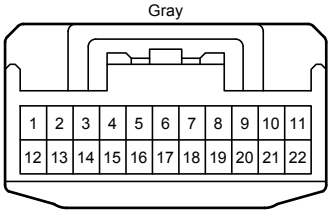
90980-11542

E68
Gray



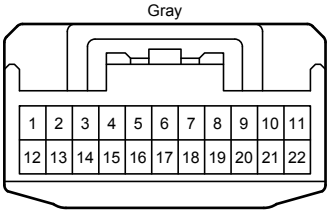
90980-12372

E69
Gray



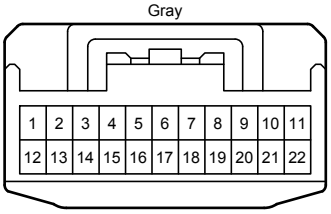
90980-12372

E71
Gray



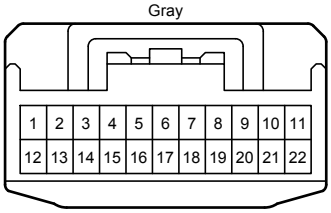
90980-12372

E72
Gray



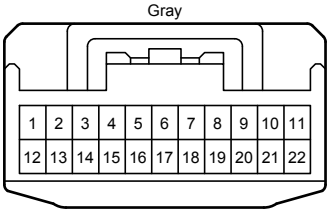
90980-12372

E74
Gray



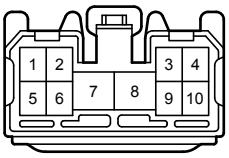
90980-12372

E75
Gray



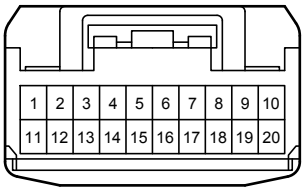
90980-12372

E77
White



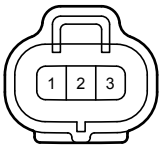
90980-11527

E79
White



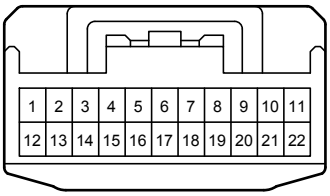
90980-12460

E88
Black



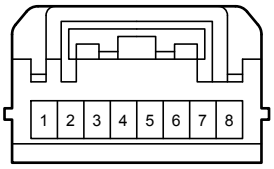
90980-10845

F73
Blue



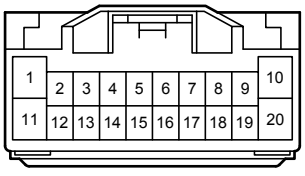
90980-12372

G13
Black



90980-12550

V4
White



90980-12038

z17
Black



90980-11900

z18
Black



90980-11900

z19
Black



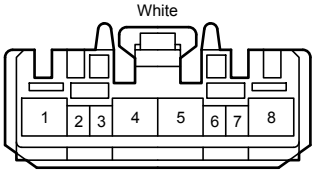
90980-11900

z20
Black



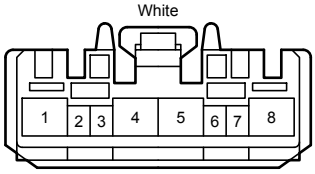
90980-11900

1A
White



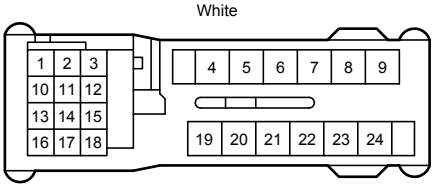
90980-12468

1B
White



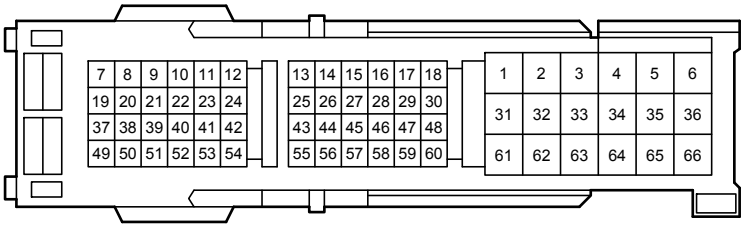
90980-12469

2B
White



90980-12674

2D
White



90980-12672

AA1
Gray

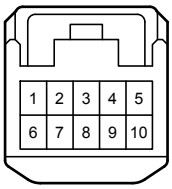


90980-10946

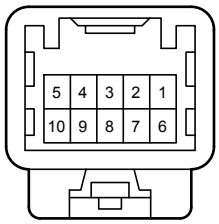


90980-10945

AE3
Gray

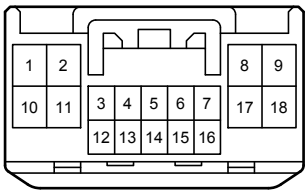


90980-12368

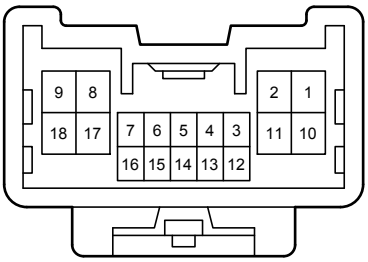


90980-12367

AK2
Gray

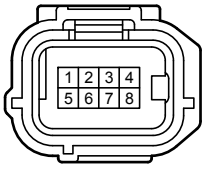


90980-12376



90980-12375

Az1
Gray

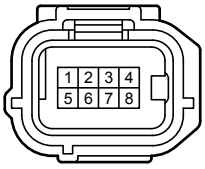


90980-12520



90980-12519

Az2
Gray

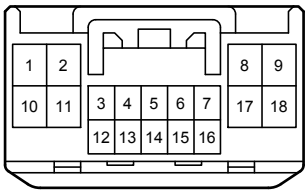


90980-12520

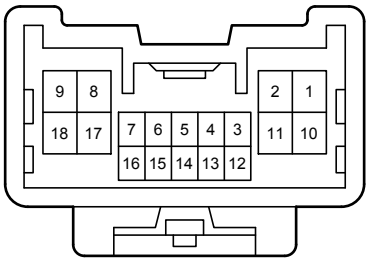


90980-12519

CA1
White

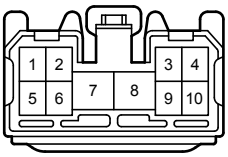


90980-12376

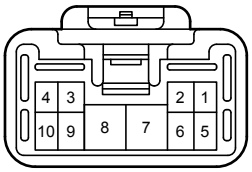


90980-12375

CA2
White

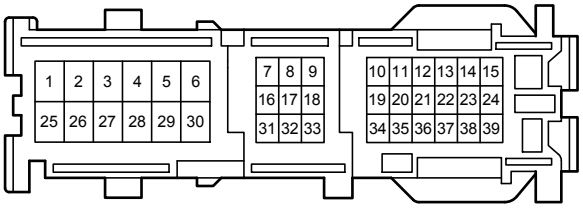


90980-11527

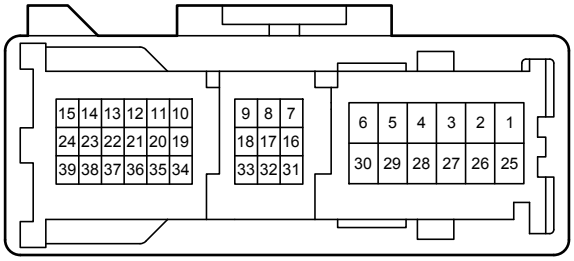


90980-11596

CA3
White

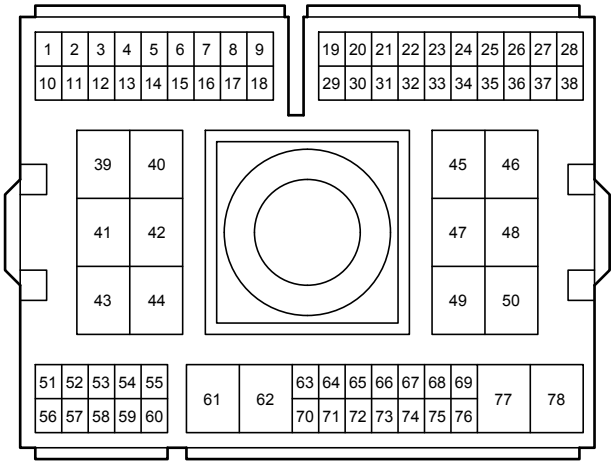


90980-12502

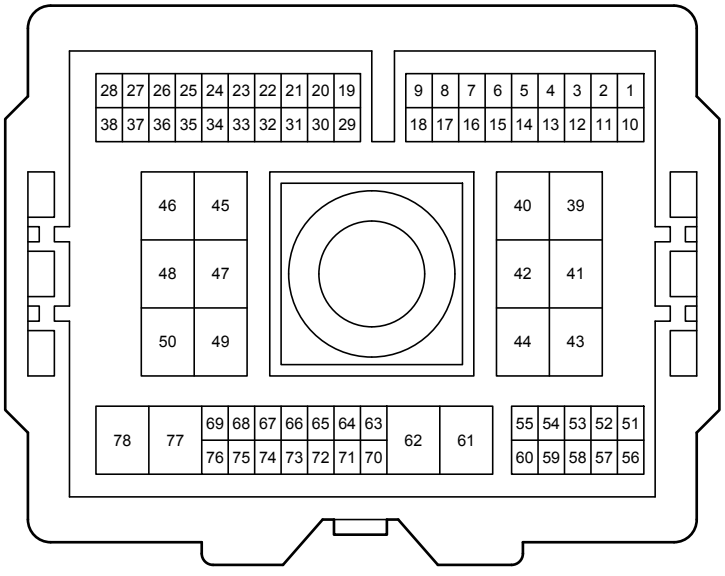


90980-12515

EA1
White



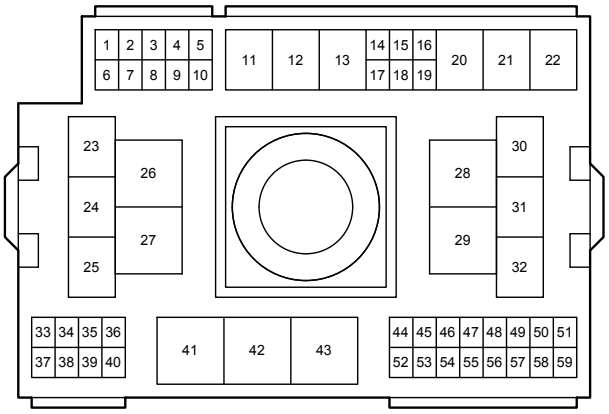
82824-60490



82824-60520

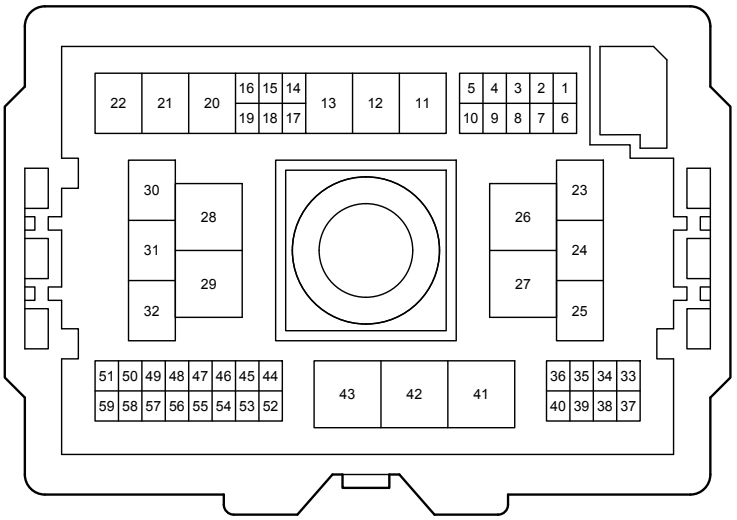
EA2

White



82824-60500

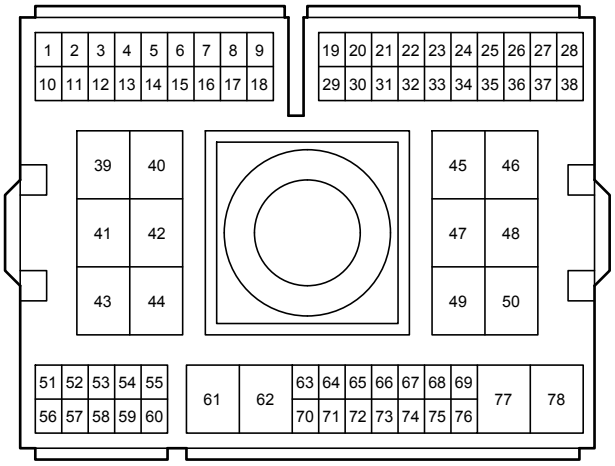
Gray



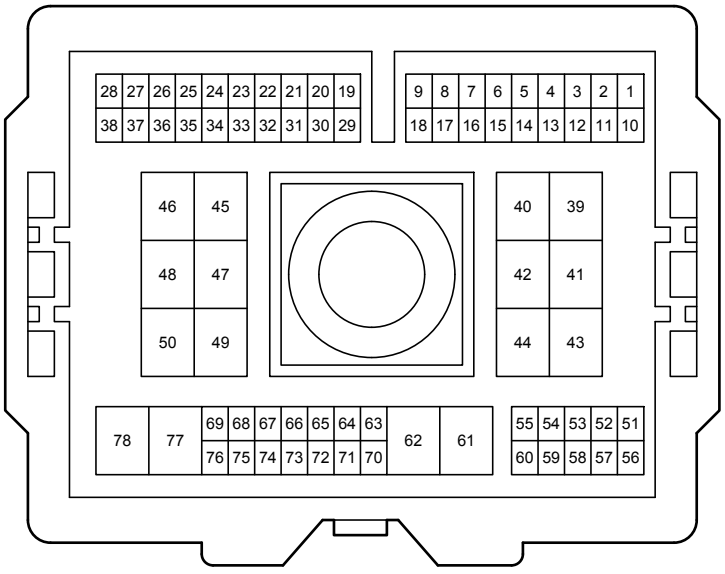
82824-60530

EA3

White



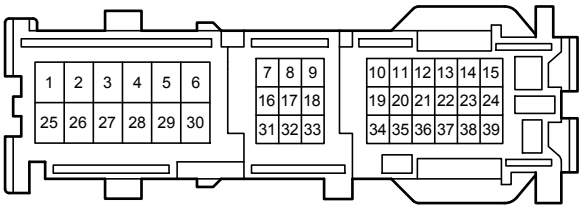
82824-60490



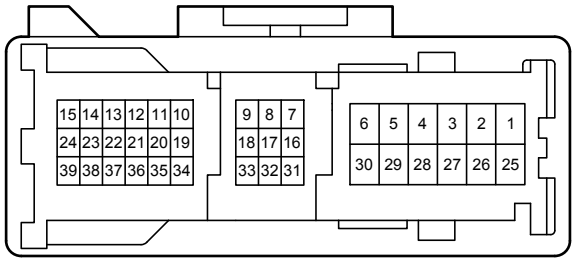
82824-60520

EA4

White



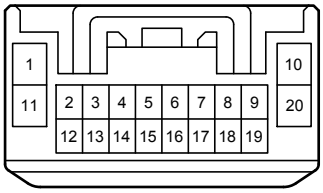
90980-12502



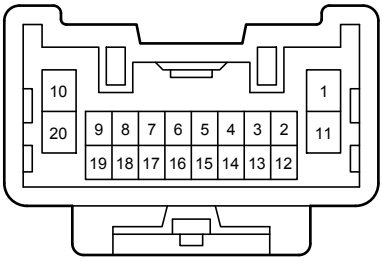
90980-12515

FE4

White



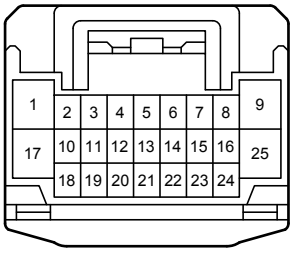
90980-12378



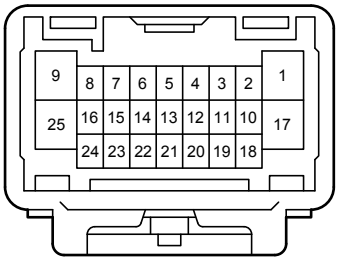
90980-12377

GE2

White



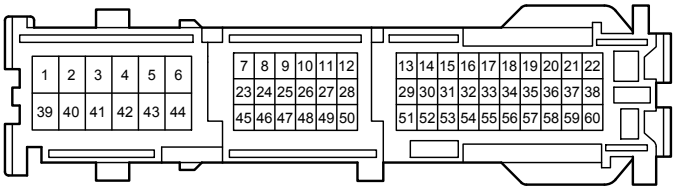
90980-12414



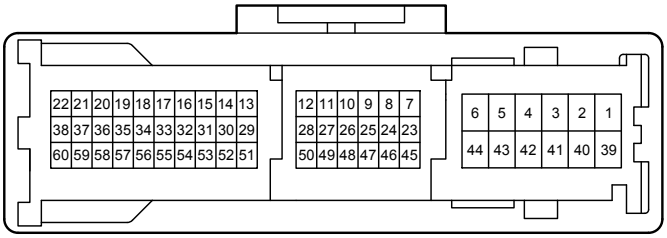
90980-12413

NK1

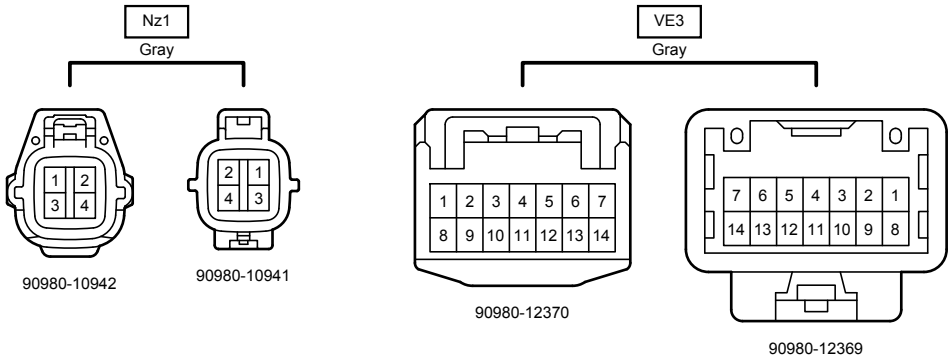
White



90980-12501



90980-12514

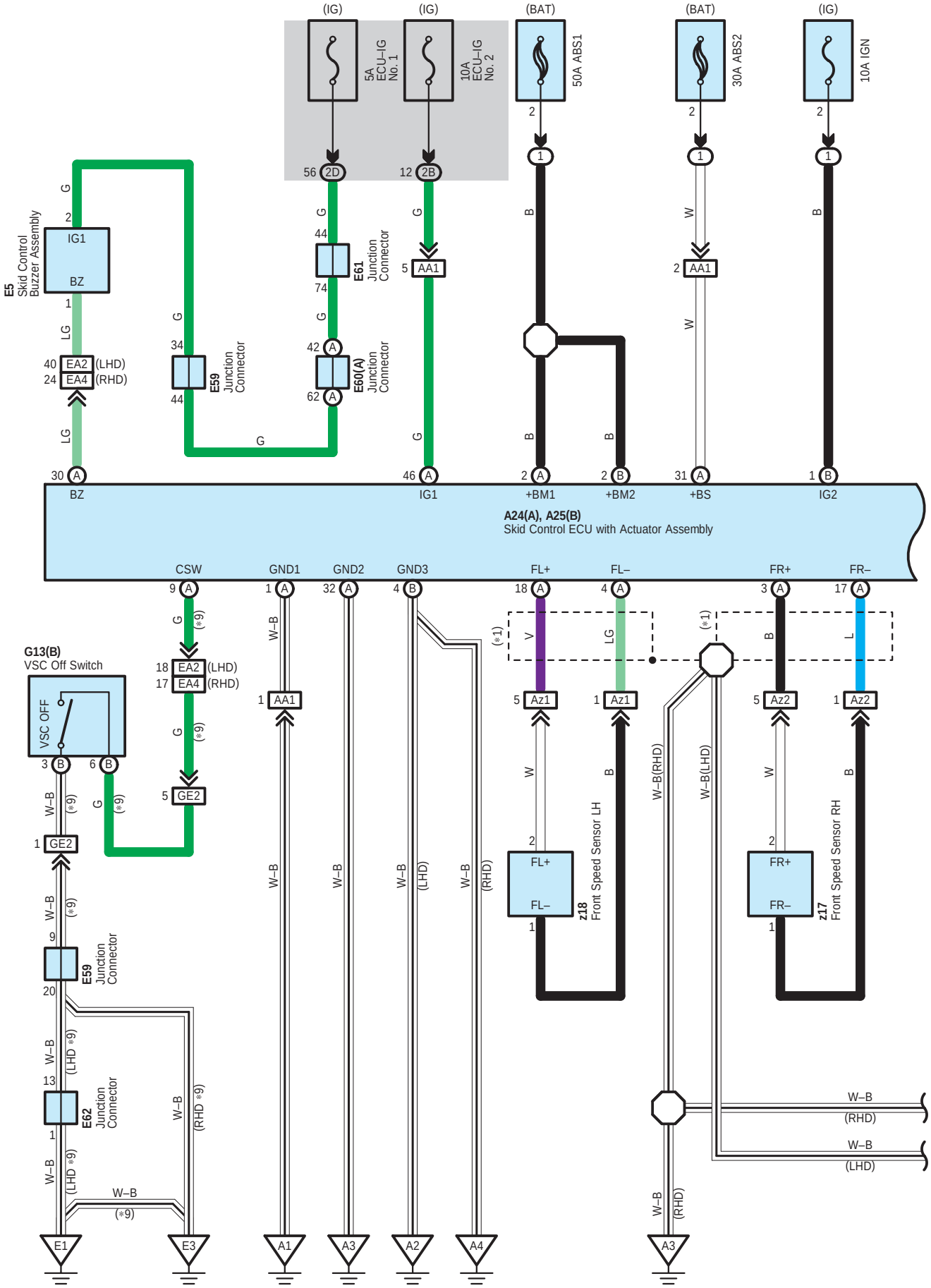


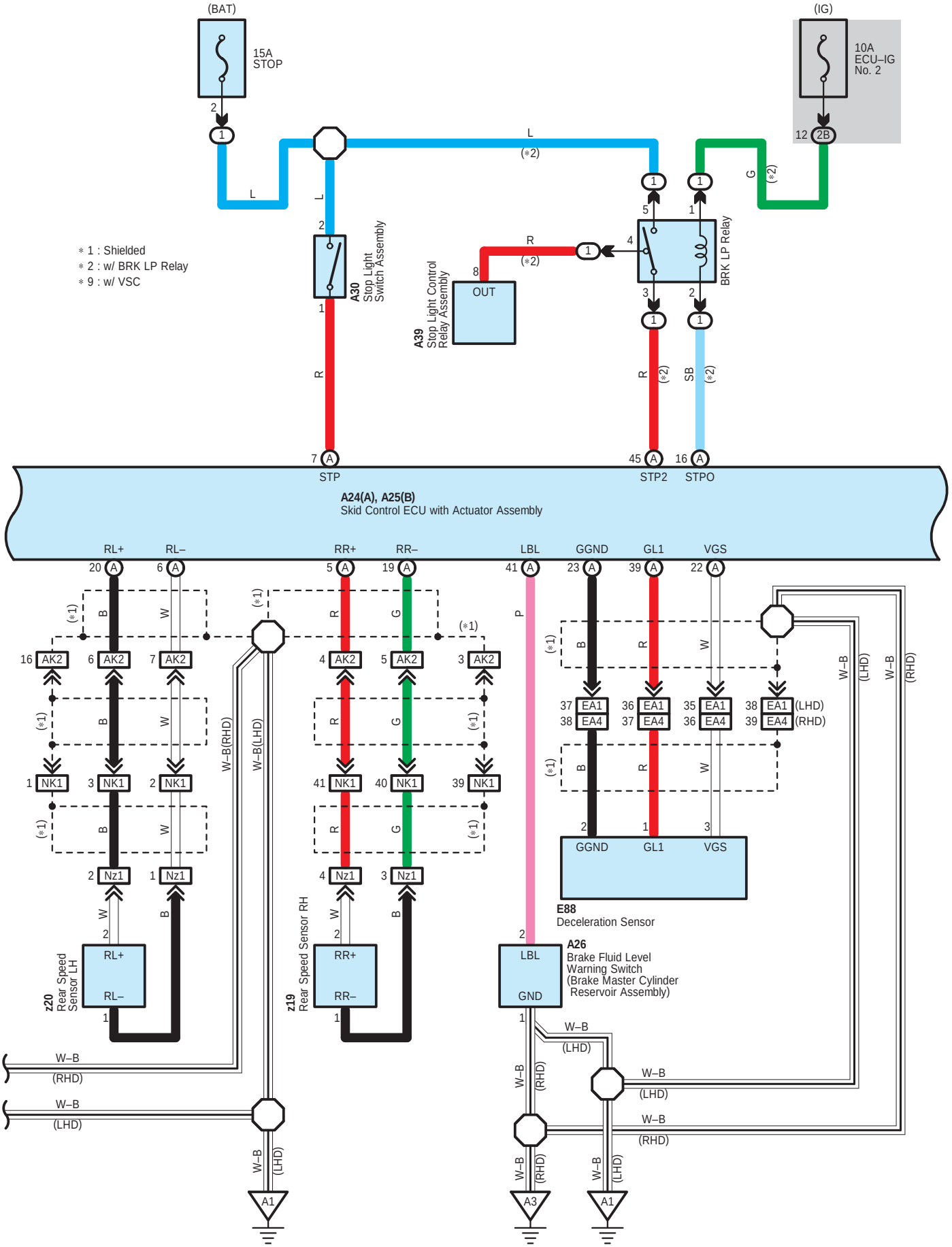
90980-10942

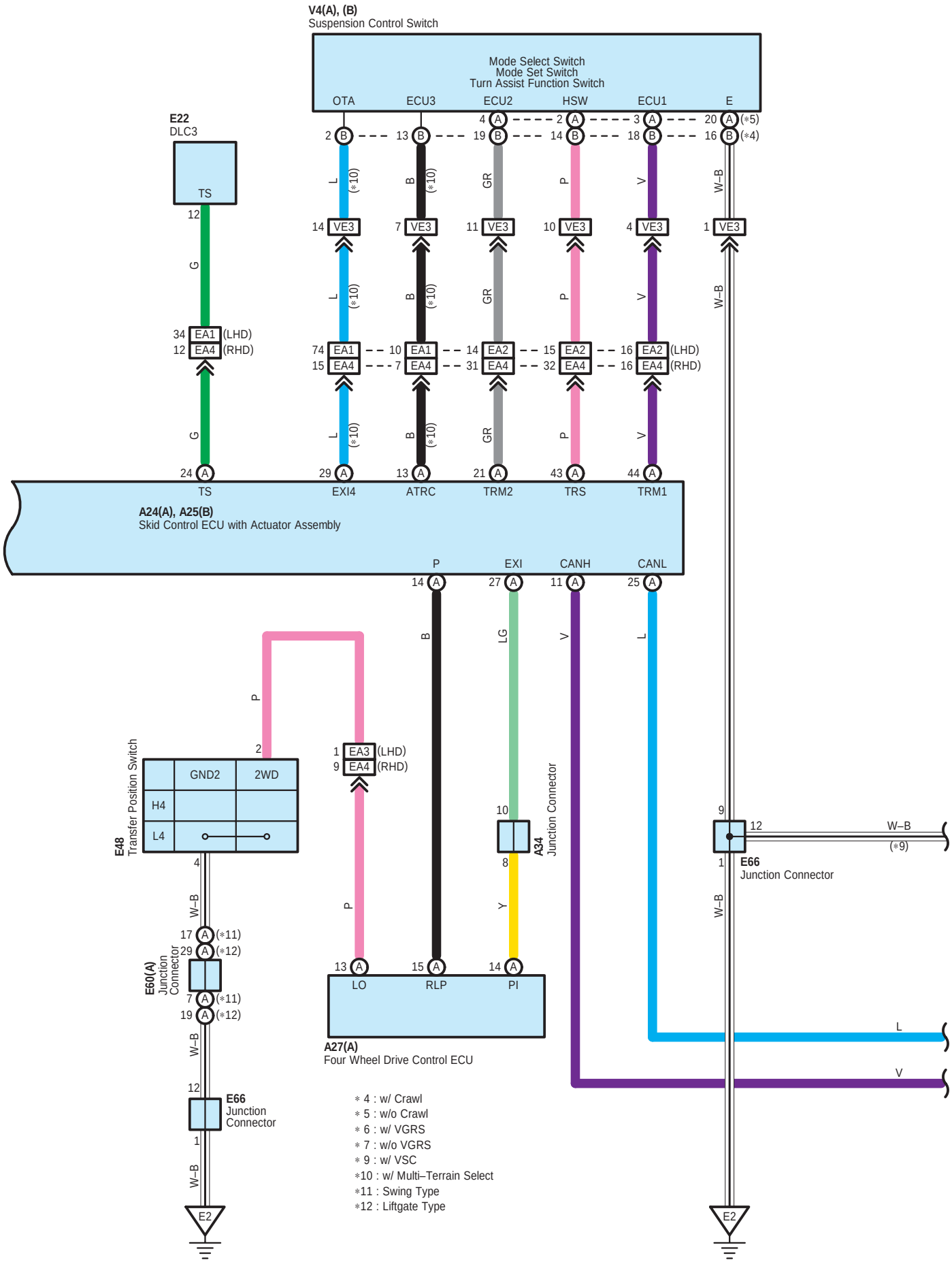
90980-10941

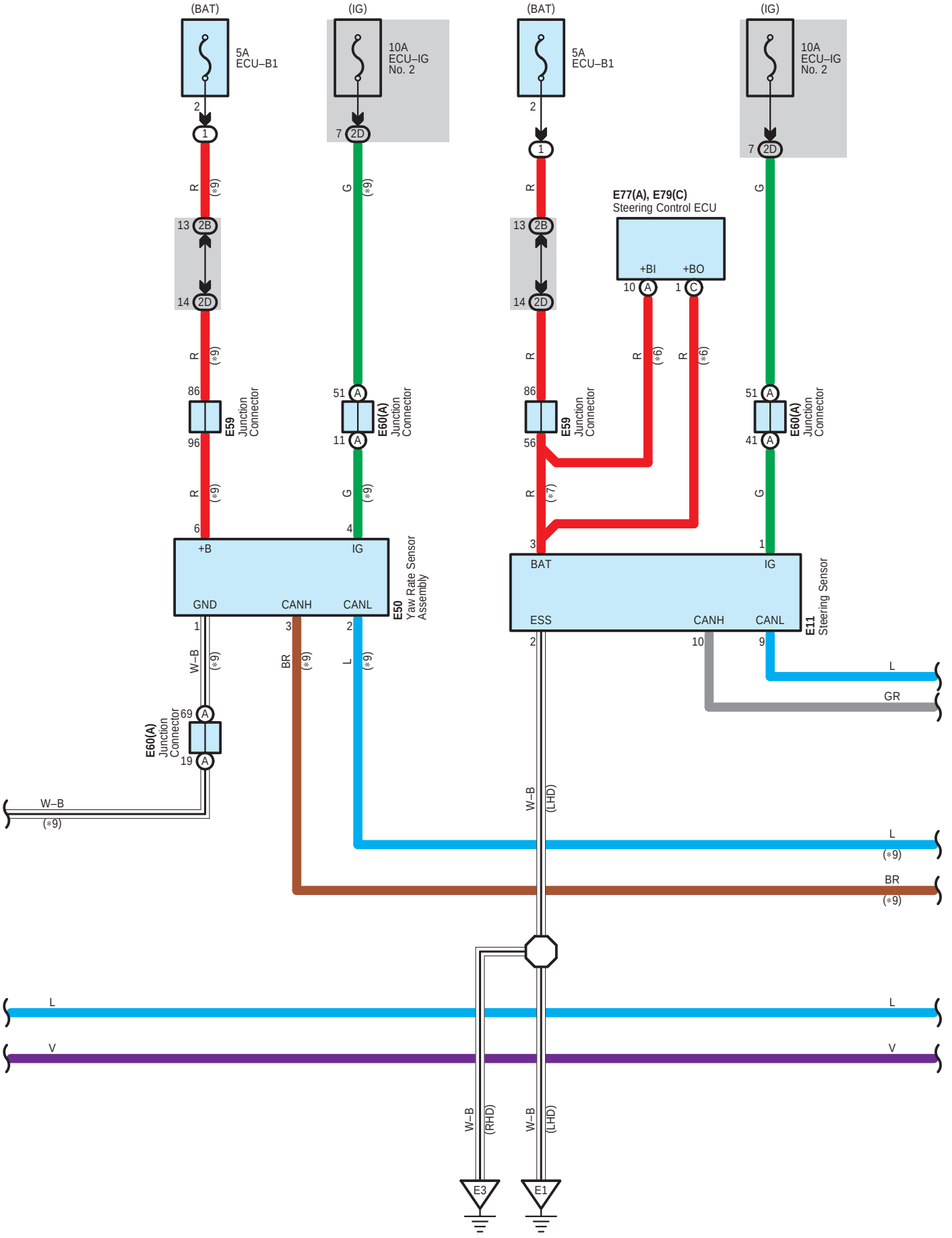
90980-12370

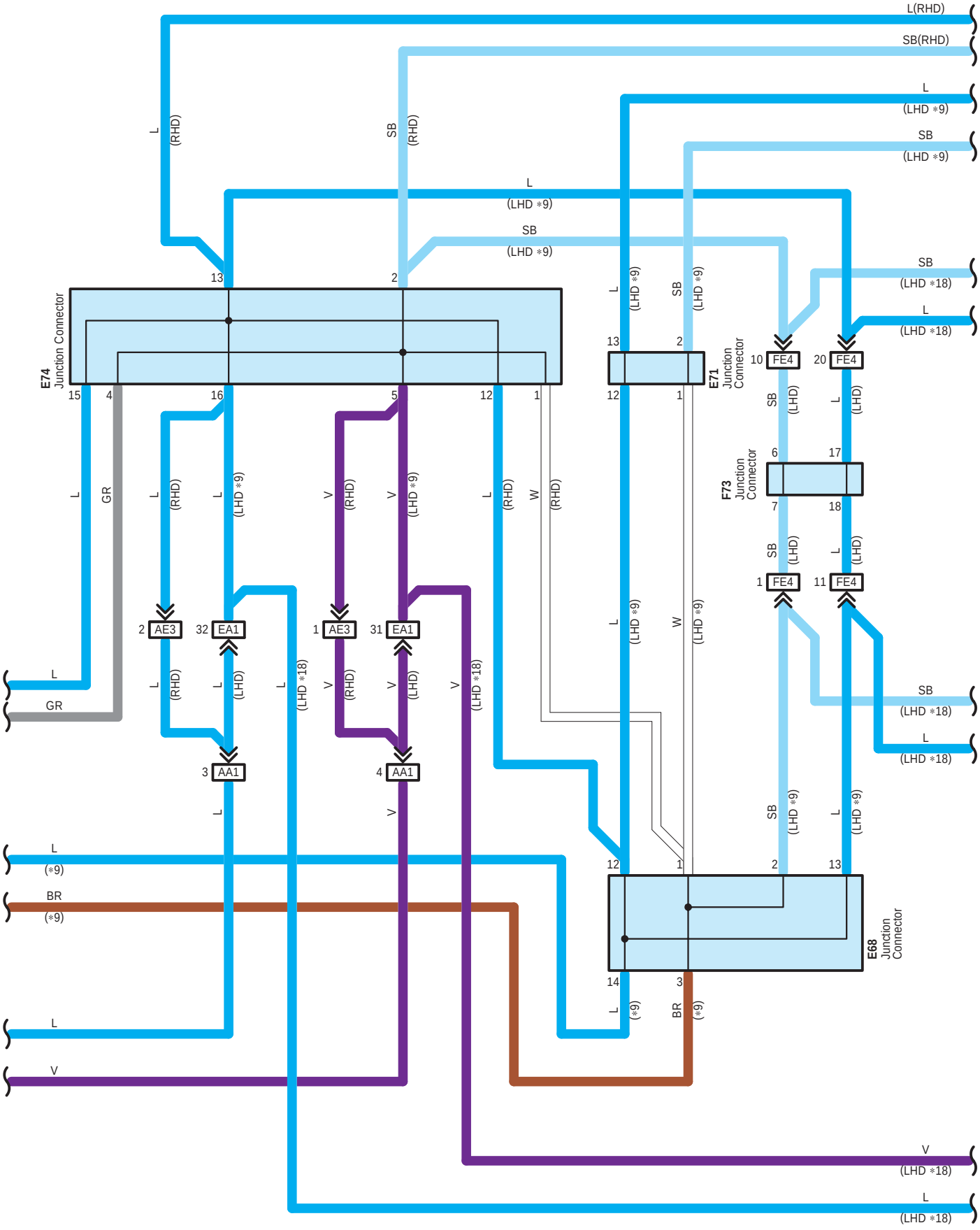
90980-12369

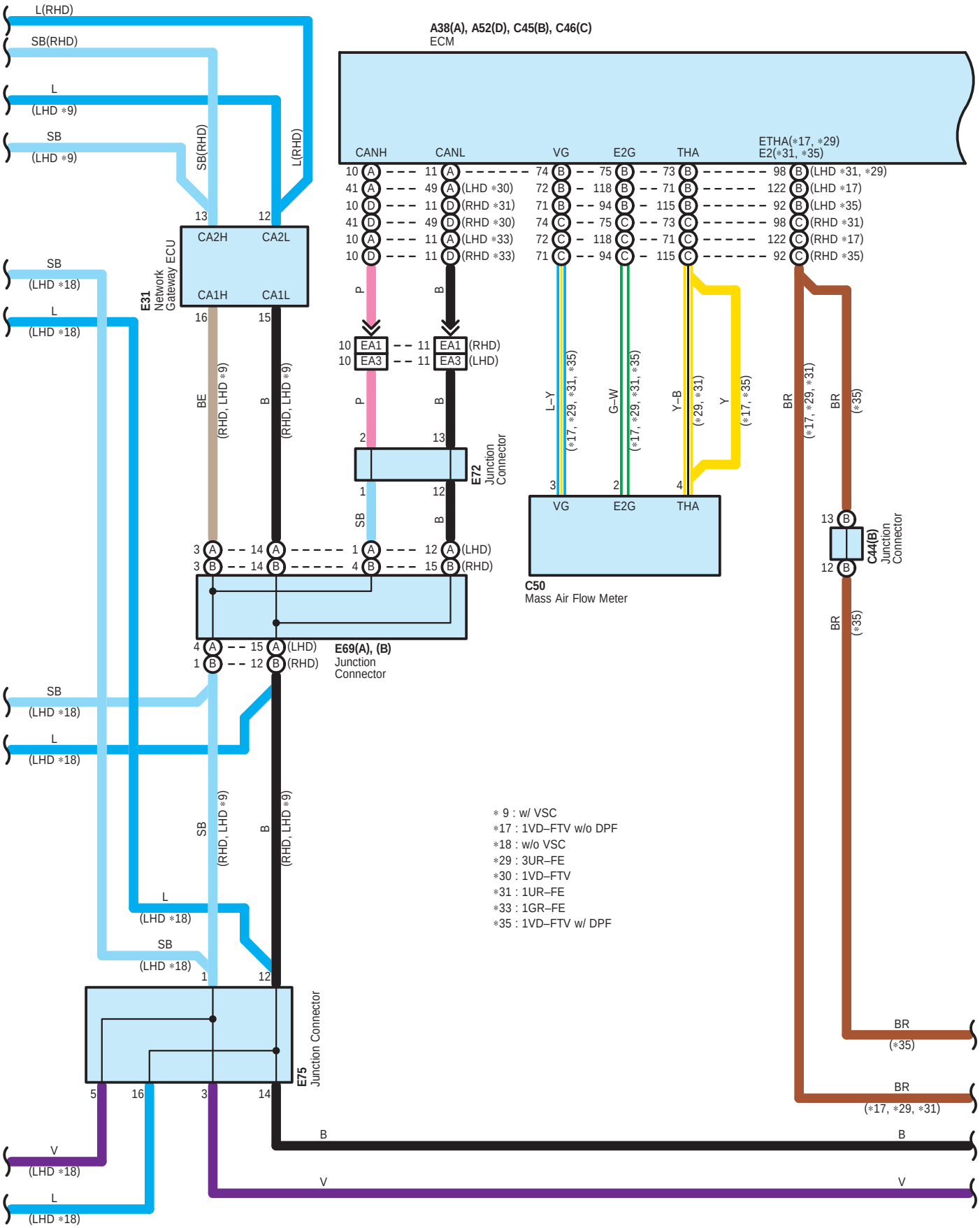

(IG)
(IG)
(BAT)
(BAT)
(IG)
5A ECU-IG No. 1
10A ECU-IG No. 2
50A ABS1
30A ABS2
10A IGN
E5 Skid Control Buzzer Assembly
IG1
BZ
E61 Junction Connector
E59 Junction Connector
E60(A) Junction Connector
A24(A), A25(B) Skid Control ECU with Actuator Assembly
BZ
IG1
+BM1
+BM2
+BS
IG2
CSW
GND1
GND2
GND3
FL+
FL–
FR+
FR–
G13(B) VSC Off Switch
VSC OFF
EA2 (LHD)
EA4 (RHD)
GE2
AA1
Az1
Az2
E59 Junction Connector
E62 Junction Connector
218 Front Speed Sensor LH
217 Front Speed Sensor RH
W–B
W–B(RHD)
W–B(LHD)
(LHD)
(RHD)
(*1)
(*9)
E1
E3
A1
A3
A2
A4

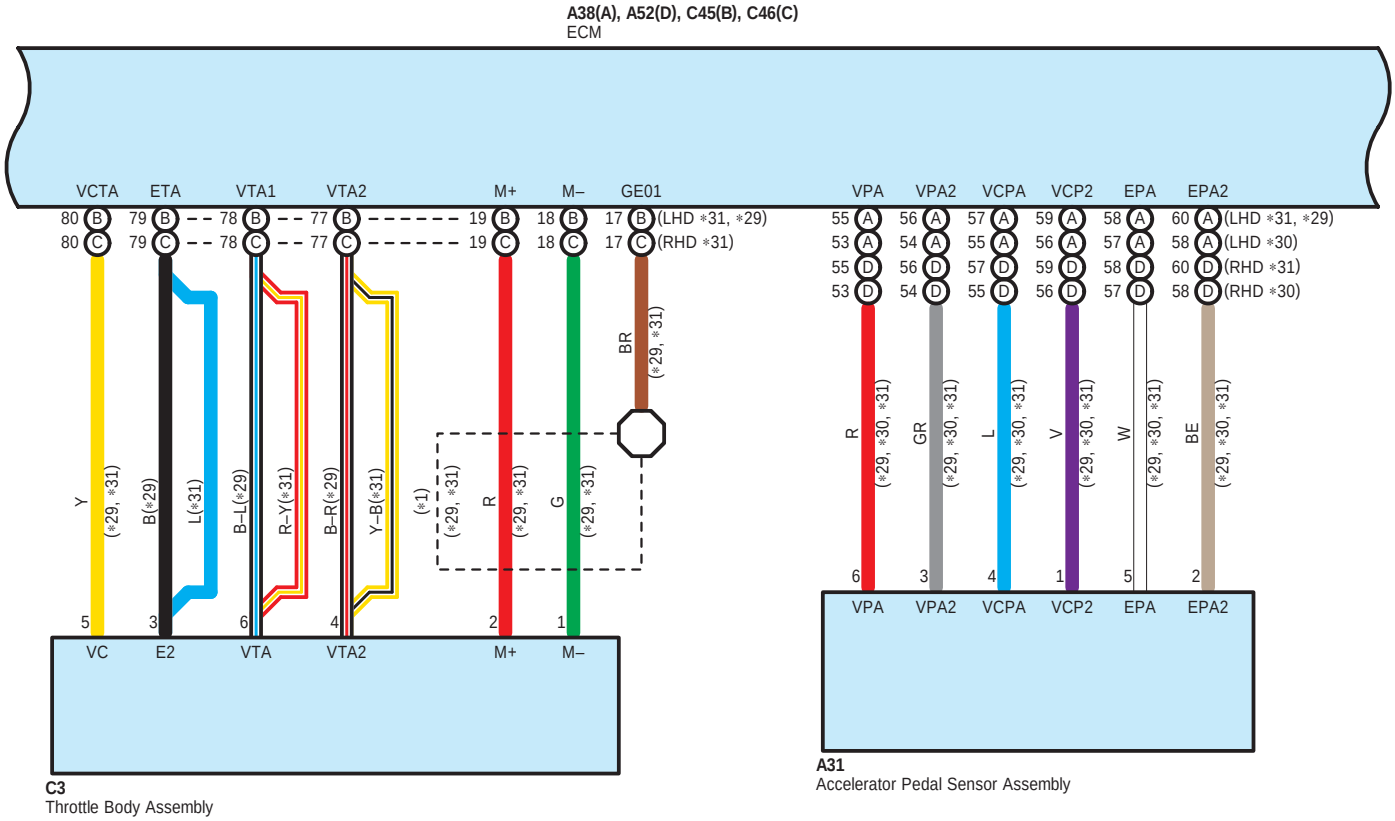

(BAT)
15A
STOP
(IG)
10A
ECU–IG
No. 2
∗1 : Shielded
∗2 : w/ BRK LP Relay
∗9 : w/ VSC
A30
Stop Light
Switch Assembly
A39
Stop Light Control
Relay Assembly
OUT
BRK LP Relay
STP
STP2
STPO
A24(A), A25(B)
Skid Control ECU with Actuator Assembly
RL+
RL–
RR+
RR–
LBL
GGND
GL1
VGS
Z20
Rear Speed
Sensor LH
Z19
Rear Speed Sensor RH
E88
Deceleration Sensor
A26
Brake Fluid Level
Warning Switch
(Brake Master Cylinder
Reservoir Assembly)
W–B
(RHD)
W–B
(LHD)
A1
A3


V4(A), (B)
Suspension Control Switch
Mode Select Switch
Mode Set Switch
Turn Assist Function Switch
OTA
ECU3
ECU2
HSW
ECU1
E
E22
DLC3
TS
A24(A), A25(B)
Skid Control ECU with Actuator Assembly
EXI4
ATRC
TRM2
TRS
TRM1
P
EXI
CANH
CANL
E48
Transfer Position Switch
GND2
2WD
H4
L4
E60(A)
Junction Connector
A34
Junction Connector
E66
Junction Connector
A27(A)
Four Wheel Drive Control ECU
LO
RLP
PI
E2
∗4 : w/ Crawl
∗5 : w/o Crawl
∗6 : w/ VGRS
∗7 : w/o VGRS
∗9 : w/ VSC
∗10 : w/ Multi–Terrain Select
∗11 : Swing Type
∗12 : Liftgate Type


(BAT)
5A
ECU–B1
(IG)
10A
ECU–IG
No. 2
E77(A), E79(C)
Steering Control ECU
+BI
+BO
E59
Junction
Connector
E60(A)
Junction
Connector
E50
Yaw Rate Sensor
Assembly
E11
Steering Sensor
+B
IG
GND
CANH
CANL
BAT
ESS
W–B
(*9)
R
G
L
BR
V
GR
(*6)
(*7)
(LHD)
(RHD)
E3
E1

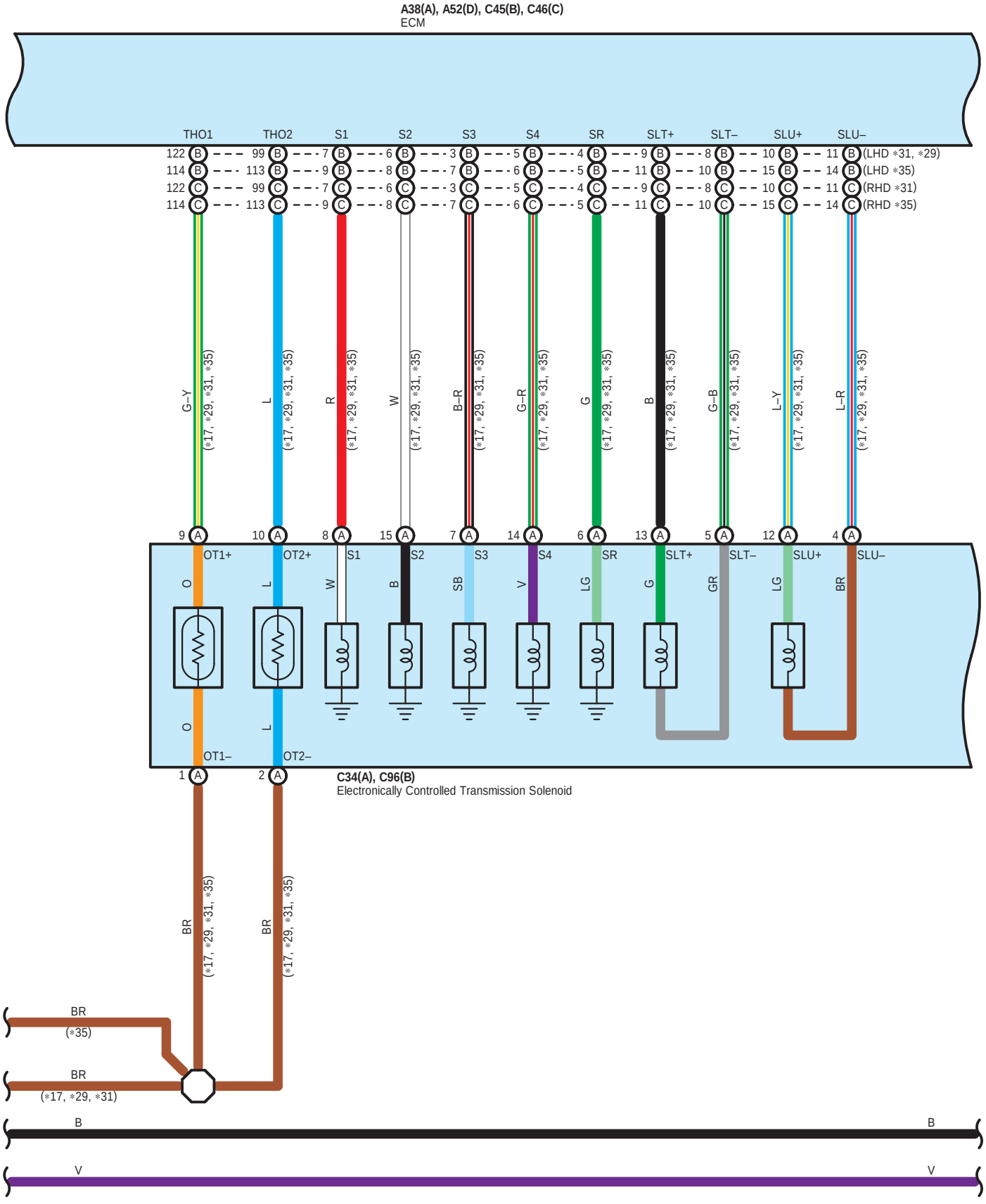

L(RHD)
SB(RHD)
L (LHD ∗9)
SB (LHD ∗9)
L (LHD ∗9)
SB (LHD ∗9)
SB (LHD ∗18)
L (LHD ∗18)
E74 Junction Connector
E71 Junction Connector
F73 Junction Connector
E68 Junction Connector
FE4
AE3
EA1
AA1
L (RHD)
SB (RHD)
GR
V (RHD)
W (RHD)
L (LHD ∗9)
V (LHD ∗9)
W (LHD ∗9)
SB (LHD)
L (LHD)
V (LHD ∗18)
BR (∗9)
V (LHD ∗18)

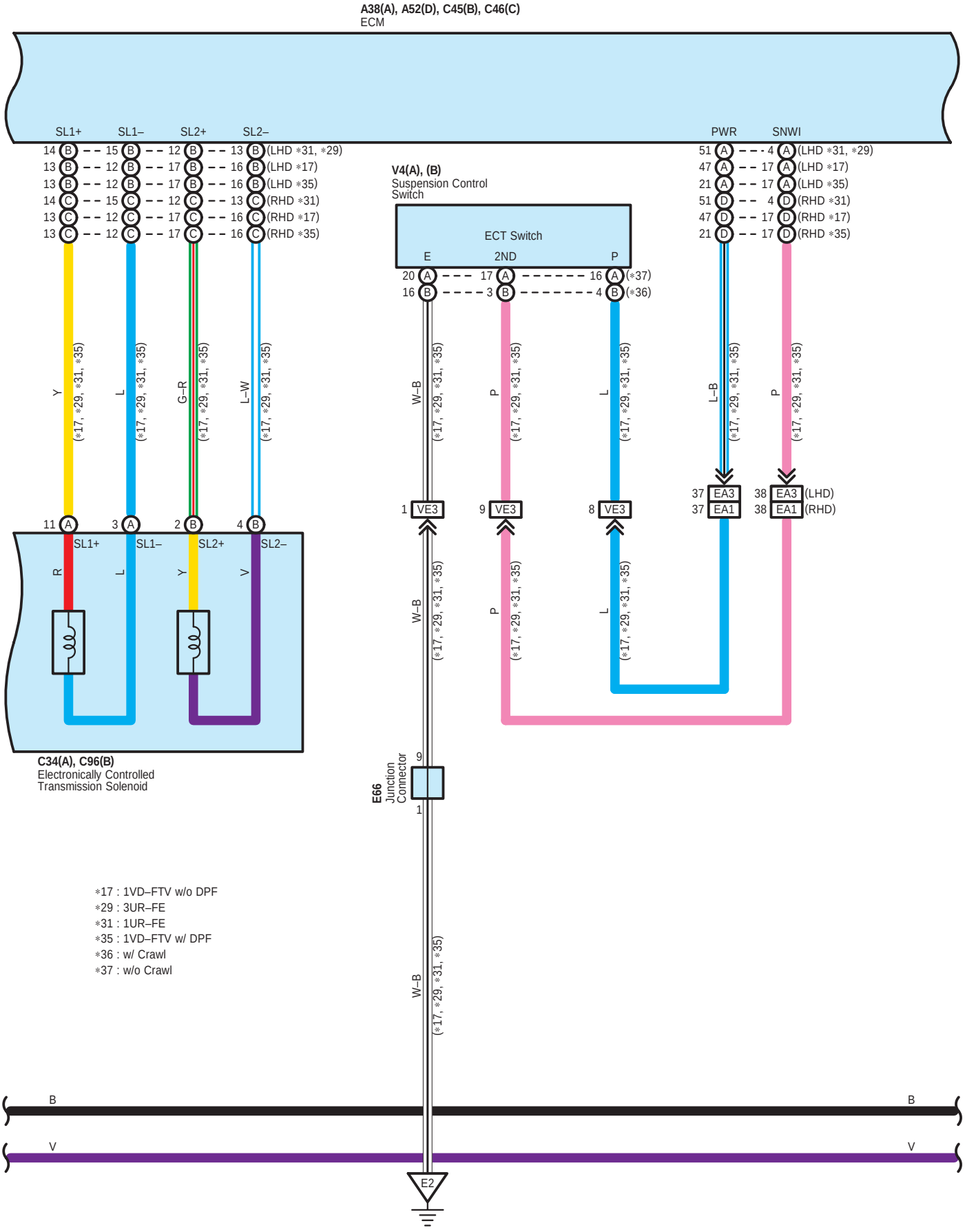

A38(A), A52(D), C45(B), C46(C)
ECM
CANH
CANL
VG
E2G
THA
ETHA(∗17, ∗29)
E2(∗31, ∗35)
E31
Network Gateway ECU
CA2H
CA2L
CA1H
CA1L
E72
Junction Connector
E69(A), (B)
Junction Connector
C50
Mass Air Flow Meter
C44(B)
Junction Connector
E75
Junction Connector
∗ 9 : w/ VSC
∗17 : 1VD–FTV w/o DPF
∗18 : w/o VSC
∗29 : 3UR–FE
∗30 : 1VD–FTV
∗31 : 1UR–FE
∗33 : 1GR–FE
∗35 : 1VD–FTV w/ DPF

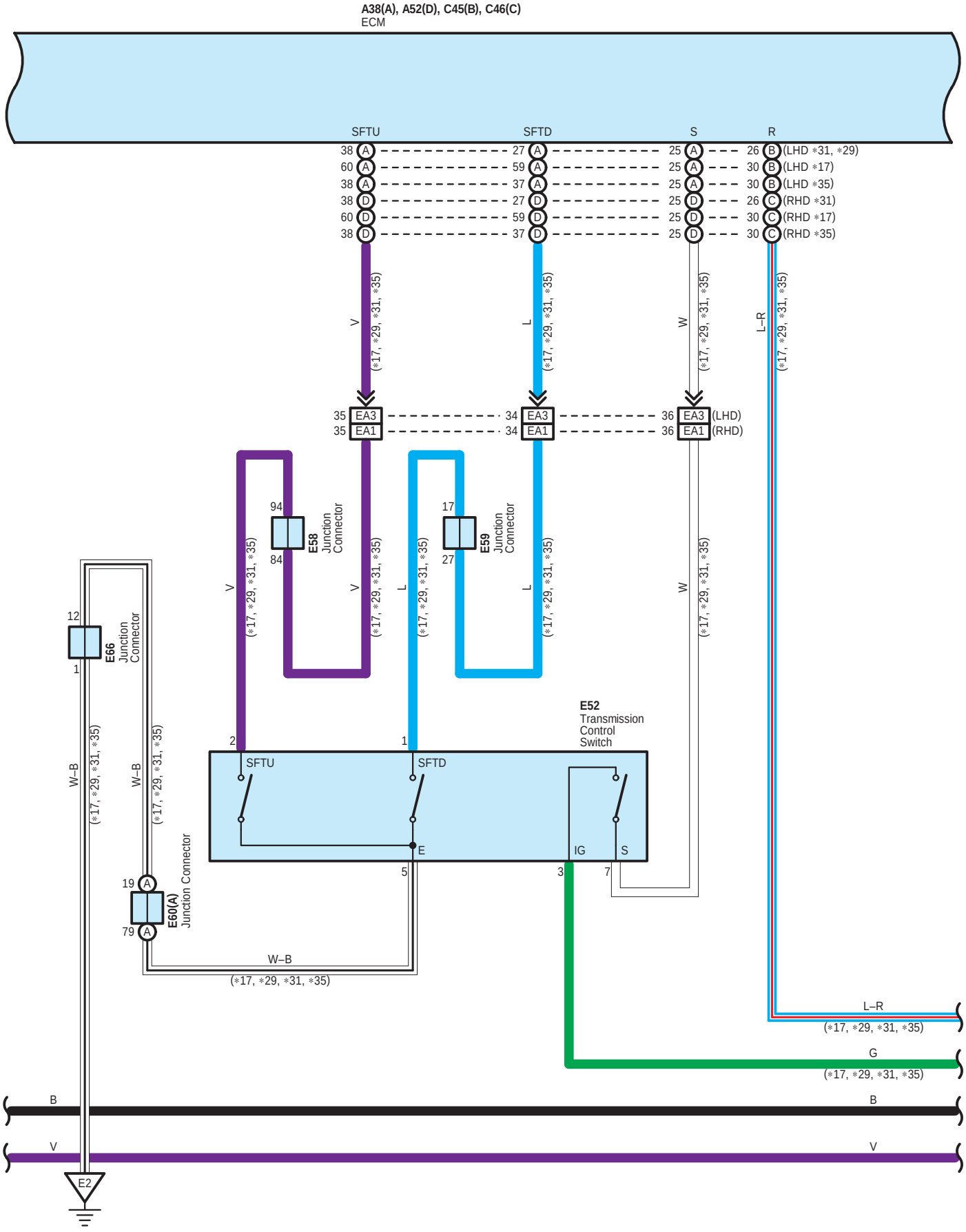


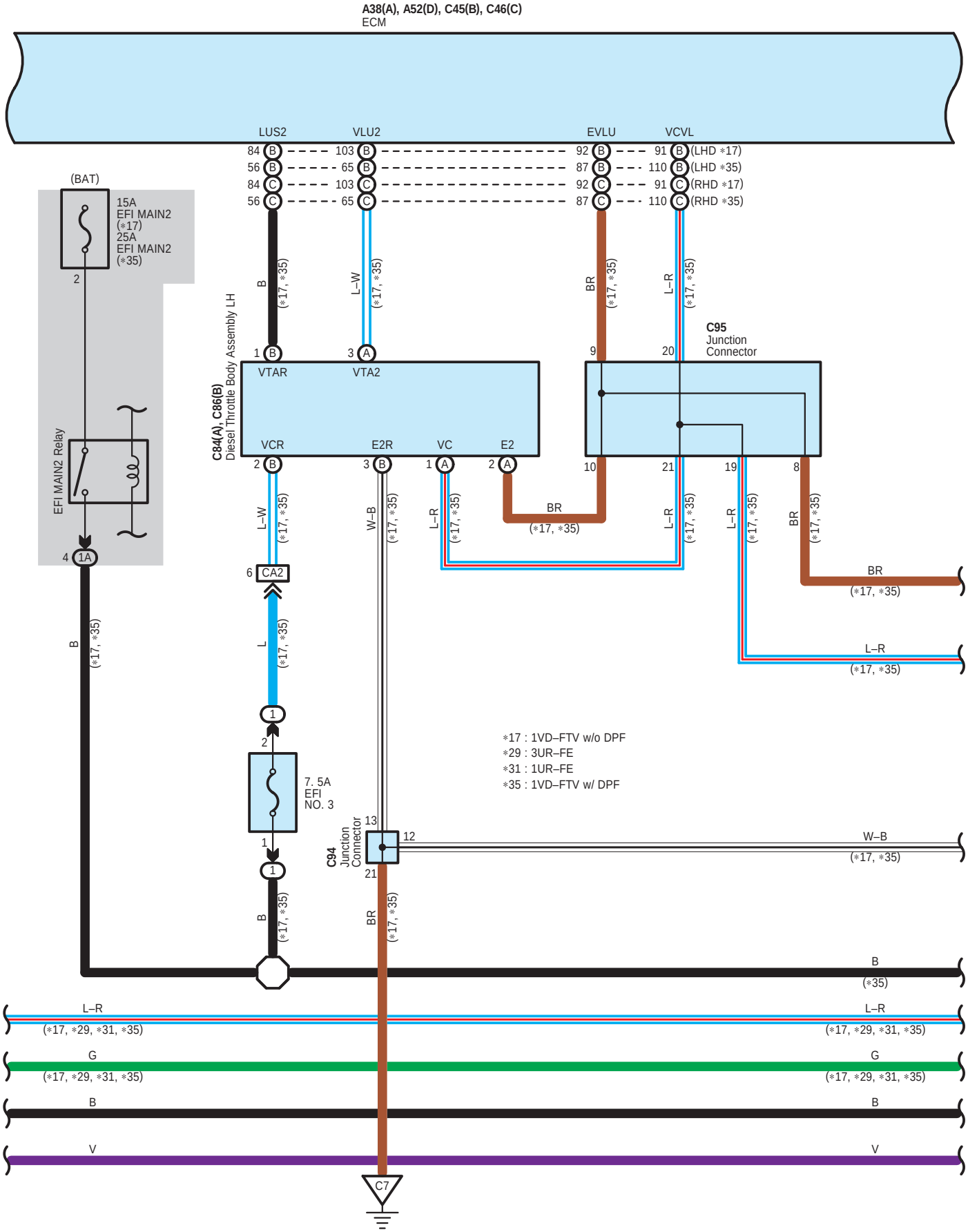
∗ 1 : Shielded
∗17 : 1VD–FTV w/o DPF
∗29 : 3UR–FE
∗30 : 1VD–FTV
∗31 : 1UR–FE
∗35 : 1VD–FTV w/ DPF

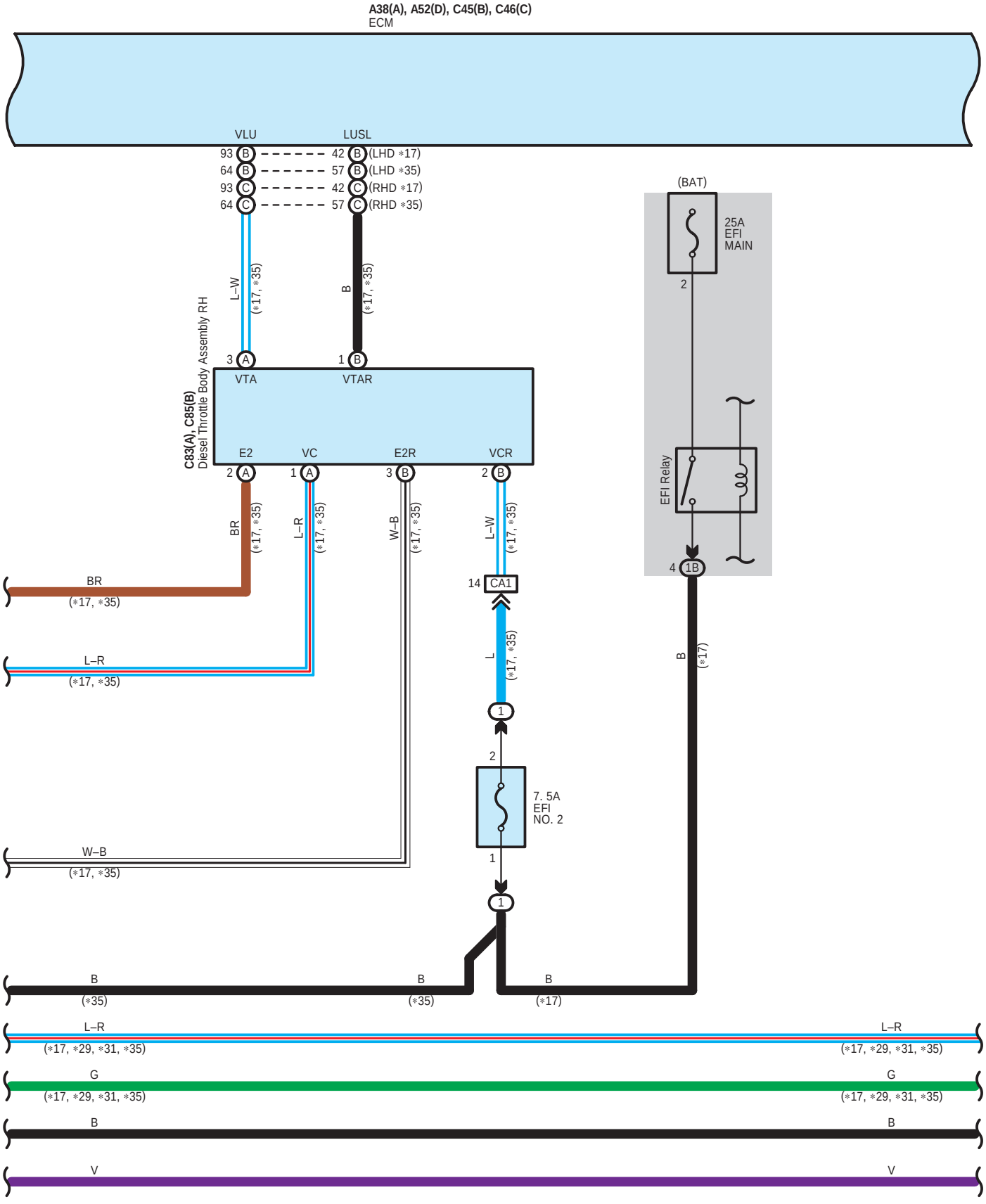


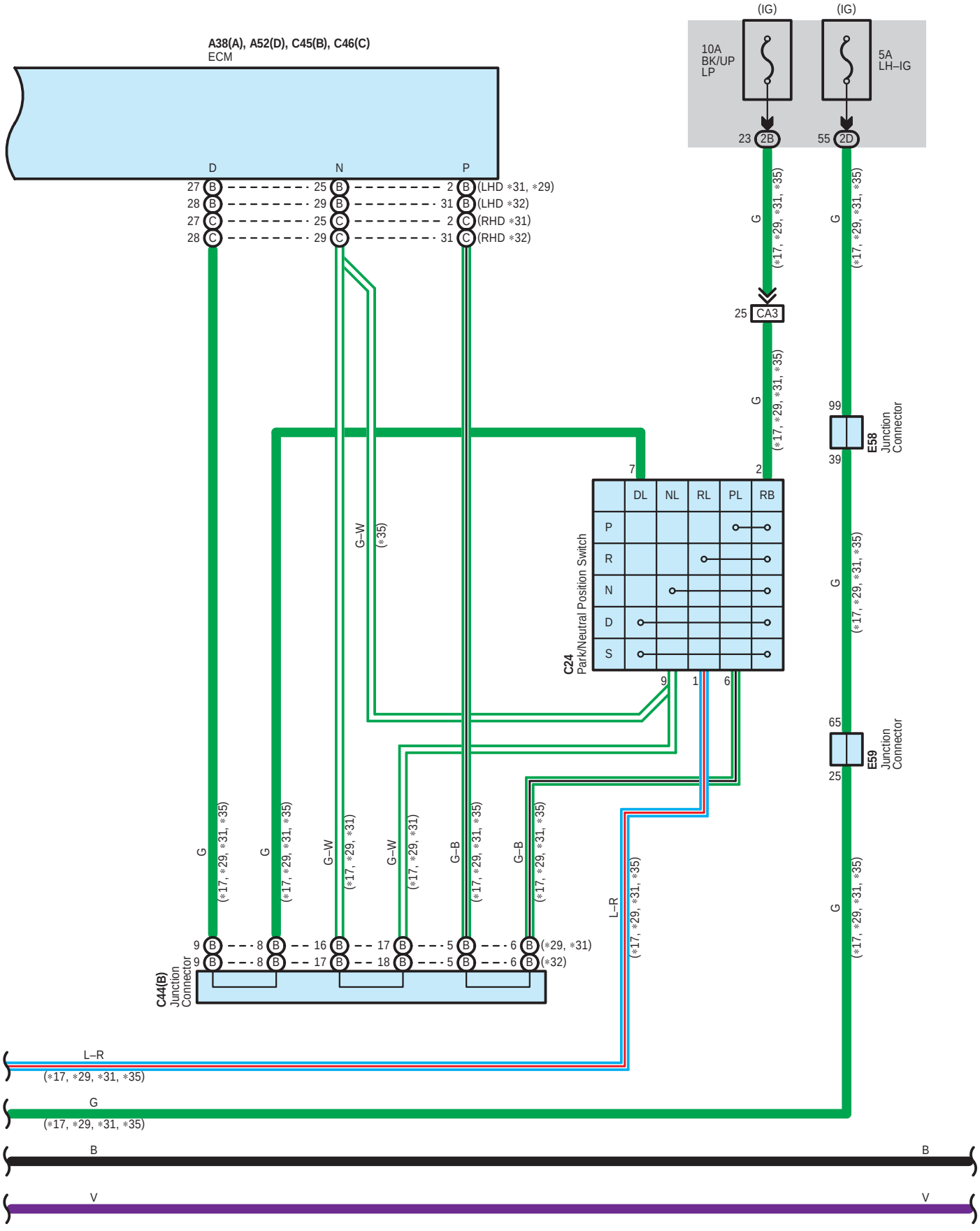

A38(A), A52(D), C45(B), C46(C)
ECM
THO1
THO2
S1
S2
S3
S4
SR
SLT+
SLT–
SLU+
SLU–
122 B
114 B
122 C
114 C
99 B
113 B
99 C
113 C
7 B
9 B
7 C
9 C
6 B
8 B
6 C
8 C
3 B
7 B
3 C
7 C
5 B
6 B
5 C
6 C
4 B
5 B
4 C
5 C
9 B
11 B
9 C
11 C
8 B
10 B
8 C
10 C
10 B
15 B
10 C
15 C
11 B
14 B
11 C
14 C
(LHD ∗31, ∗29)
(LHD ∗35)
(RHD ∗31)
(RHD ∗35)
G–Y
L
R
W
B–R
G–R
G
B
G–B
L–Y
L–R
(∗17, ∗29, ∗31, ∗35)
9 A
10 A
8 A
15 A
7 A
14 A
6 A
13 A
5 A
12 A
4 A
OT1+
OT2+
S1
S2
S3
S4
SR
SLT+
SLT–
SLU+
SLU–
O
L
W
B
SB
V
LG
G
GR
LG
BR
OT1–
OT2–
1 A
2 A
C34(A), C96(B)
Electronically Controlled Transmission Solenoid
BR
(∗17, ∗29, ∗31, ∗35)
BR
(∗35)
BR
(∗17, ∗29, ∗31)
B
B
V
V

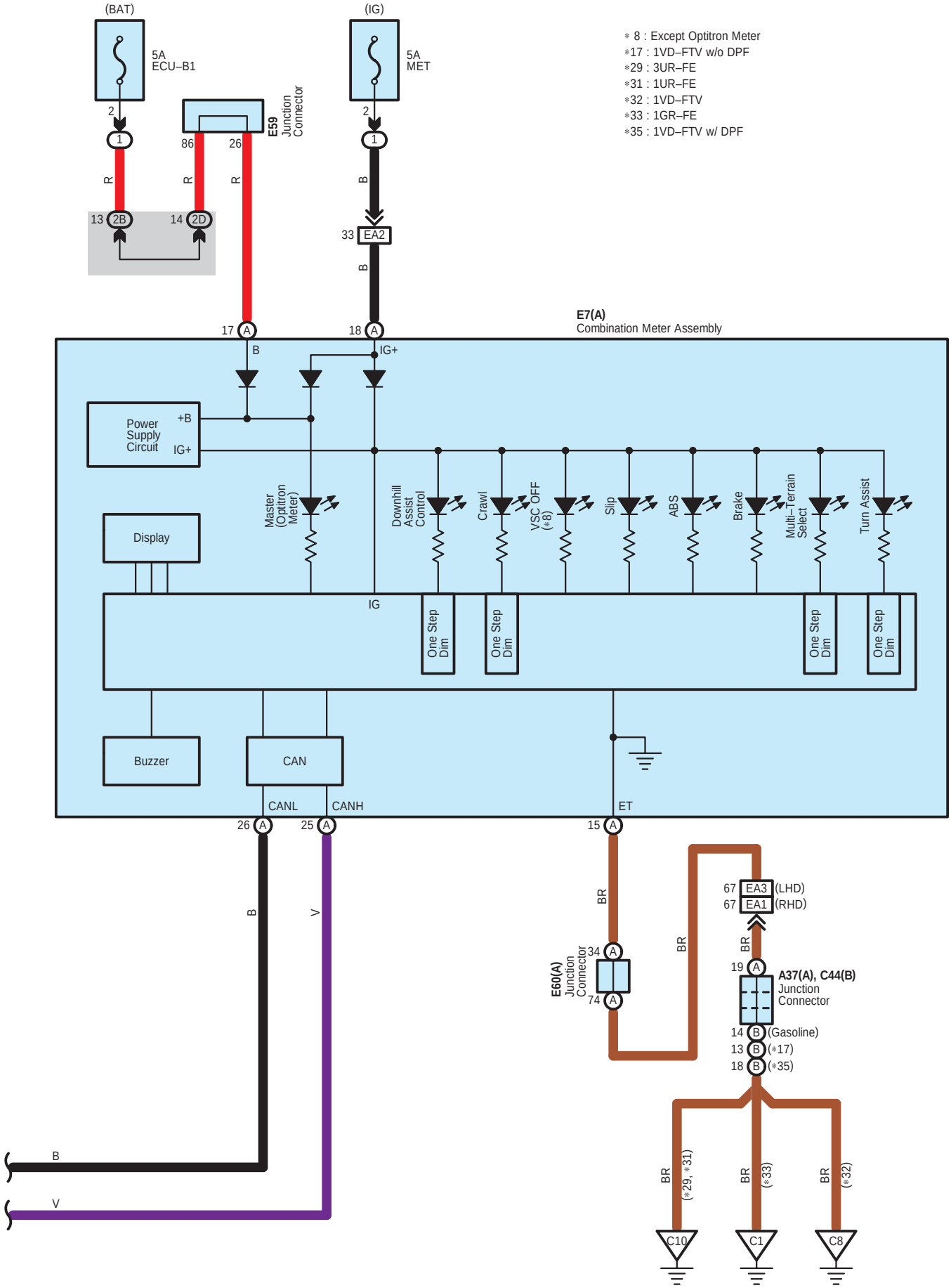

A38(A), A52(D), C45(B), C46(C)
ECM
SL1+
SL1–
SL2+
SL2–
PWR
SNWI
14 B 15 B 12 B 13 B (LHD ∗31, ∗29)
13 B 12 B 17 B 16 B (LHD ∗17)
13 B 12 B 17 B 16 B (LHD ∗35)
14 C 15 C 12 C 13 C (RHD ∗31)
13 C 12 C 17 C 16 C (RHD ∗17)
13 C 12 C 17 C 16 C (RHD ∗35)
51 A 4 A (LHD ∗31, ∗29)
47 A 17 A (LHD ∗17)
21 A 17 A (LHD ∗35)
51 D 4 D (RHD ∗31)
47 D 17 D (RHD ∗17)
21 D 17 D (RHD ∗35)
V4(A), (B)
Suspension Control
Switch
ECT Switch
E
2ND
P
20 A 17 A 16 A (∗37)
16 B 3 B 4 B (∗36)
Y (∗17, ∗29, ∗31, ∗35)
L (∗17, ∗29, ∗31, ∗35)
G–R (∗17, ∗29, ∗31, ∗35)
L–W (∗17, ∗29, ∗31, ∗35)
W–B (∗17, ∗29, ∗31, ∗35)
P (∗17, ∗29, ∗31, ∗35)
L (∗17, ∗29, ∗31, ∗35)
L–B (∗17, ∗29, ∗31, ∗35)
P (∗17, ∗29, ∗31, ∗35)
11 A
3 A
2 B
4 B
SL1+
SL1–
SL2+
SL2–
R
L
Y
V
1 VE3
9 VE3
8 VE3
37 EA3
37 EA1
38 EA3 (LHD)
38 EA1 (RHD)
C34(A), C96(B)
Electronically Controlled
Transmission Solenoid
E66
Junction
Connector
9
1
W–B (∗17, ∗29, ∗31, ∗35)
P (∗17, ∗29, ∗31, ∗35)
L (∗17, ∗29, ∗31, ∗35)
W–B (∗17, ∗29, ∗31, ∗35)
∗17 : 1VD–FTV w/o DPF
∗29 : 3UR–FE
∗31 : 1UR–FE
∗35 : 1VD–FTV w/ DPF
∗36 : w/ Crawl
∗37 : w/o Crawl
B
B
V
V
E2


A38(A), A52(D), C45(B), C46(C)
ECM
SFTU
SFTD
S
R
38 A
60 A
38 A
38 D
60 D
38 D
27 A
59 A
37 A
27 D
59 D
37 D
25 A
25 A
25 A
25 D
25 D
25 D
26 B (LHD *31, *29)
30 B (LHD *17)
30 B (LHD *35)
26 C (RHD *31)
30 C (RHD *17)
30 C (RHD *35)
V (*17, *29, *31, *35)
L (*17, *29, *31, *35)
W (*17, *29, *31, *35)
L–R (*17, *29, *31, *35)
35 EA3
35 EA1
34 EA3
34 EA1
36 EA3 (LHD)
36 EA1 (RHD)
94
84
E58 Junction Connector
17
27
E59 Junction Connector
12
1
E66 Junction Connector
W–B (*17, *29, *31, *35)
E52 Transmission Control Switch
2
1
SFTU
SFTD
E
IG
S
5
3
7
19 A
79 A
E60(A) Junction Connector
W–B (*17, *29, *31, *35)
L–R (*17, *29, *31, *35)
G (*17, *29, *31, *35)
B
V
E2

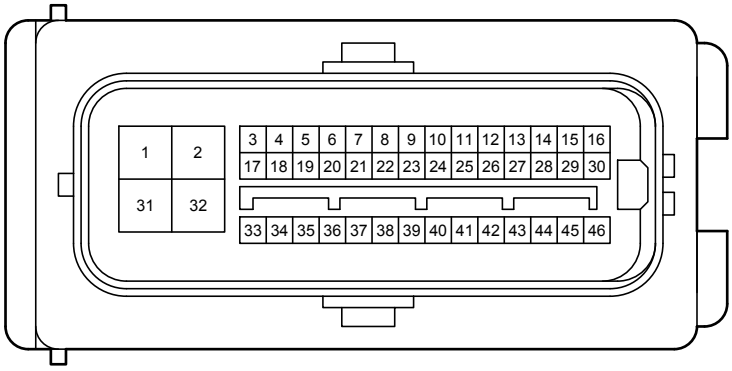

A38(A), A52(D), C45(B), C46(C)
ECM
LUS2
VLU2
EVLU
VCVL
(BAT)
15A
EFI MAIN2
(*17)
25A
EFI MAIN2
(*35)
EFI MAIN2 Relay
C84(A), C86(B)
Diesel Throttle Body Assembly LH
VTAR
VTA2
VCR
E2R
VC
E2
C95
Junction
Connector
CA2
7. 5A
EFI
NO. 3
C94
Junction
Connector
C7
(LHD *17)
(LHD *35)
(RHD *17)
(RHD *35)
*17 : 1VD–FTV w/o DPF
*29 : 3UR–FE
*31 : 1UR–FE
*35 : 1VD–FTV w/ DPF


A38(A), A52(D), C45(B), C46(C)
ECM
VLU
LUSL
93 B
64 B
93 C
64 C
42 B (LHD *17)
57 B (LHD *35)
42 C (RHD *17)
57 C (RHD *35)
L–W
(*17, *35)
B
(*17, *35)
C83(A), C85(B)
Diesel Throttle Body Assembly RH
3 A
1 B
VTA
VTAR
E2
VC
E2R
VCR
2 A
1 A
3 B
2 B
BR
L–R
W–B
(*17, *35)
BR
(*17, *35)
L–R
(*17, *35)
W–B
(*17, *35)
14 CA1
L
(*17, *35)
1
2
7. 5A
EFI
NO. 2
1
1
B
(*35)
B
(*35)
B
(*17)
(BAT)
25A
EFI
MAIN
2
EFI Relay
4 1B
B
(*17)
L–R
(*17, *29, *31, *35)
L–R
(*17, *29, *31, *35)
G
(*17, *29, *31, *35)
G
(*17, *29, *31, *35)
B
B
V
V

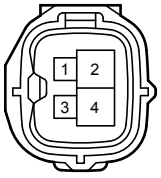

A38(A), A52(D), C45(B), C46(C)
ECM
D
N
P
27 B 25 B 2 B (LHD *31, *29)
28 B 29 B 31 B (LHD *32)
27 C 25 C 2 C (RHD *31)
28 C 29 C 31 C (RHD *32)
(IG)
(IG)
10A
BK/UP
LP
5A
LH–IG
23 2B
55 2D
G
(*17, *29, *31, *35)
25 CA3
99
E58
Junction
Connector
39
7
2
DL
NL
RL
PL
RB
P
R
N
D
S
C24
Park/Neutral Position Switch
9
1
6
G–W
(*35)
65
E59
Junction
Connector
25
L–R
(*17, *29, *31, *35)
G–B
9 B 8 B 16 B 17 B 5 B 6 B (*29, *31)
9 B 8 B 17 B 18 B 5 B 6 B (*32)
C44(B)
Junction
Connector
L–R
(*17, *29, *31, *35)
G
(*17, *29, *31, *35)
B
B
V
V


(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction
Connector
∗ 8 : Except Optitron Meter
∗17 : 1VD–FTV w/o DPF
∗29 : 3UR–FE
∗31 : 1UR–FE
∗32 : 1VD–FTV
∗33 : 1GR–FE
∗35 : 1VD–FTV w/ DPF
E7(A)
Combination Meter Assembly
Power
Supply
Circuit
+B
IG+
Display
Master
(Optitron
Meter)
Downhill
Assist
Control
Crawl
VSC OFF
(∗8)
Slip
ABS
Brake
Multi–Terrain
Select
Turn Assist
IG
One Step
Dim
Buzzer
CAN
CANL
CANH
ET
E60(A)
Junction
Connector
A37(A), C44(B)
Junction
Connector
(Gasoline)
(∗17)
(∗35)
EA2
EA3
EA1
(LHD)
(RHD)
(∗29, ∗31)
(∗33)
(∗32)
C10
C1
C8

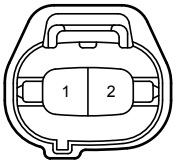
A 24
Black



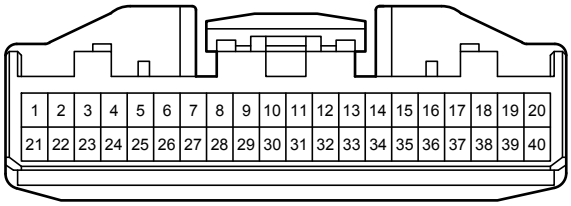
A 25
Black



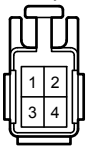
A 26
Gray



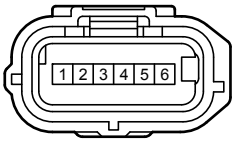
A 27
Black



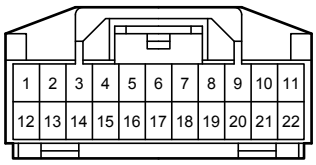
A 30
Gray



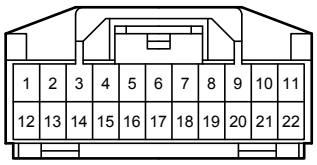
A 31
Black



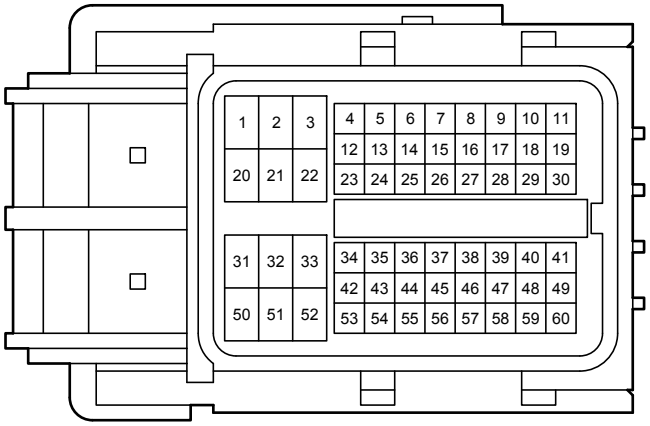
A 34
White



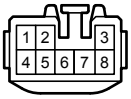
A 37
Blue



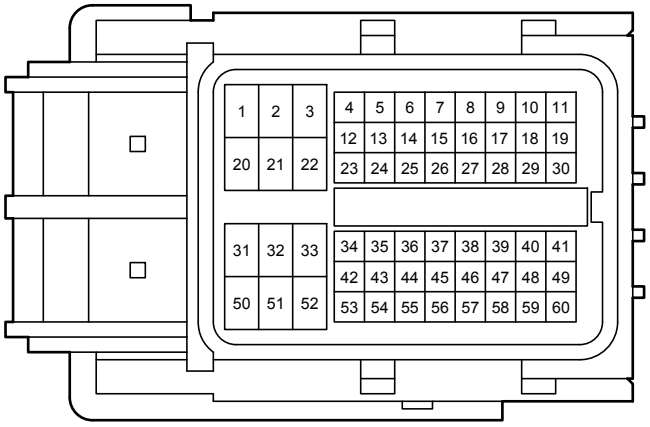
A 38
Black



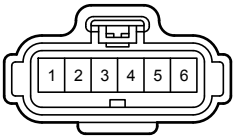
A 39
Black



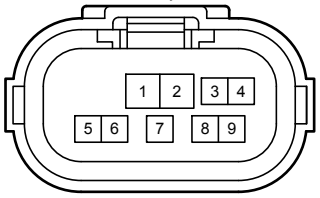
A 52
Black



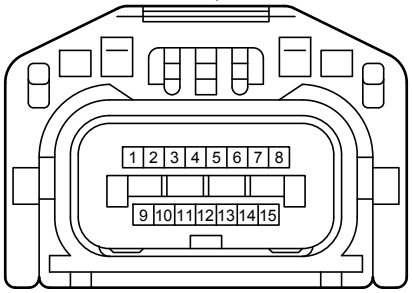
C 3
Black



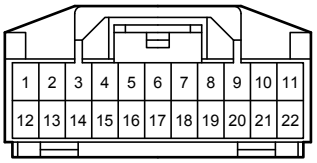
C 24
Gray



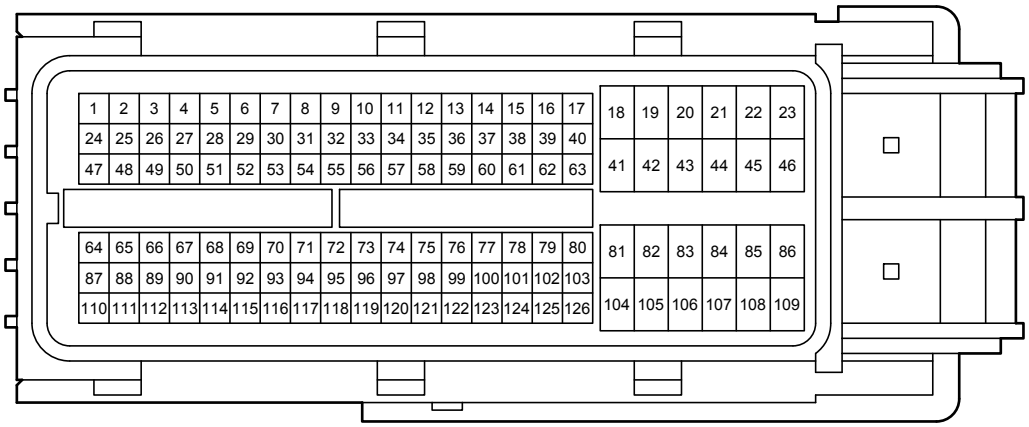
C 34
Gray



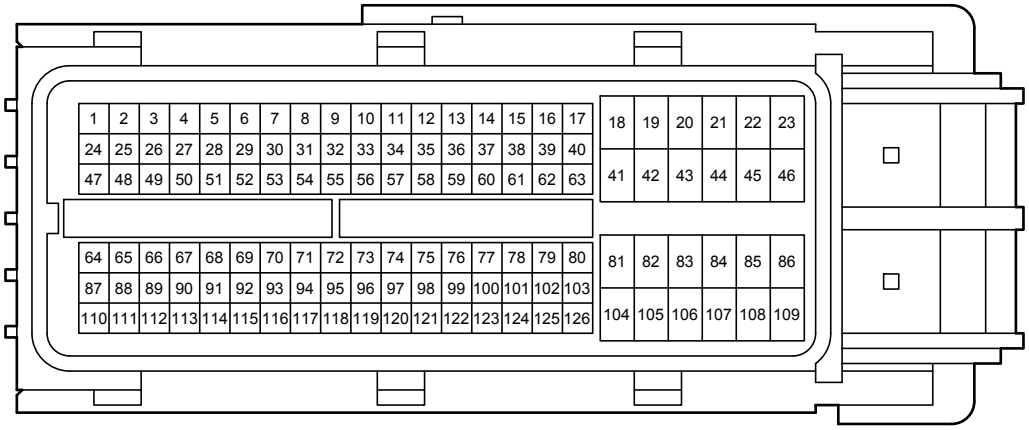
C 44
Blue



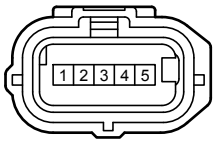
C 45
Black



C 46
Black



C 50
Black



C 83
Black



C 84
Black



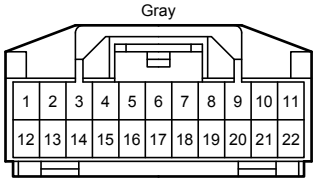
C 85
Black



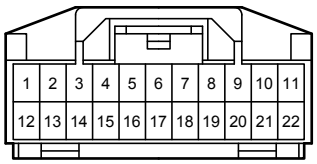
C 86
Black



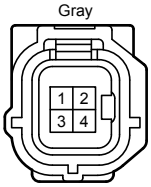
C 94
Gray



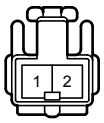
C 95
Black



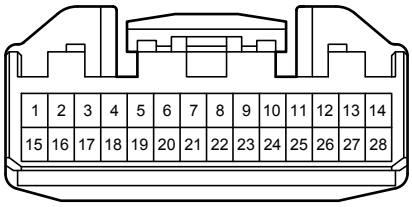
C 96
Gray



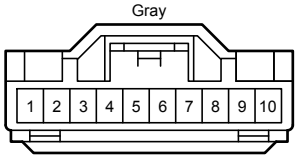
E 5
Blue



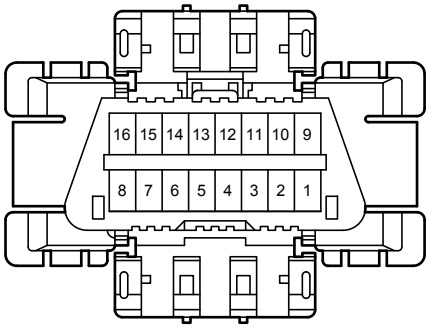
E 7
White



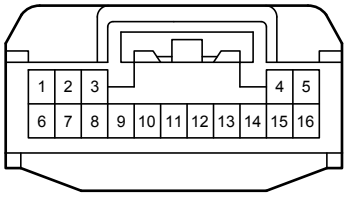
E 11
Gray



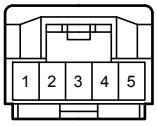
E 22
White



E 31
White

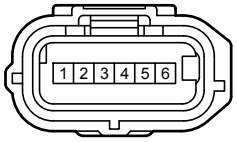


E 48
Black



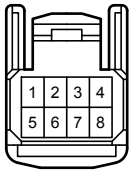
E 50

Black

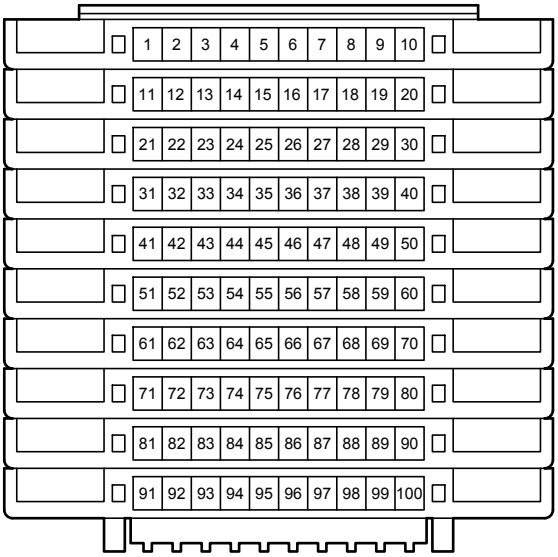


E 52

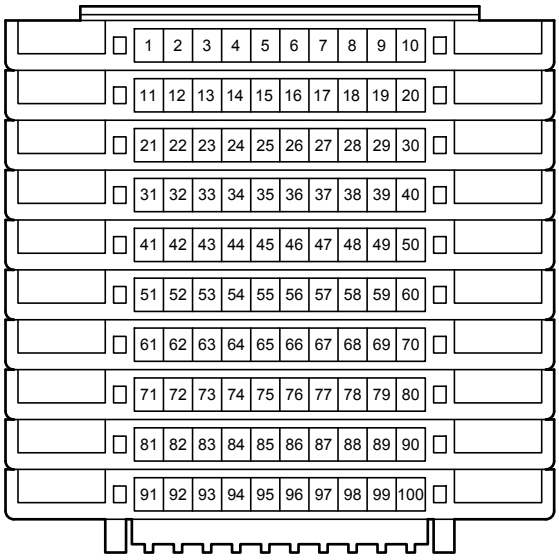
White



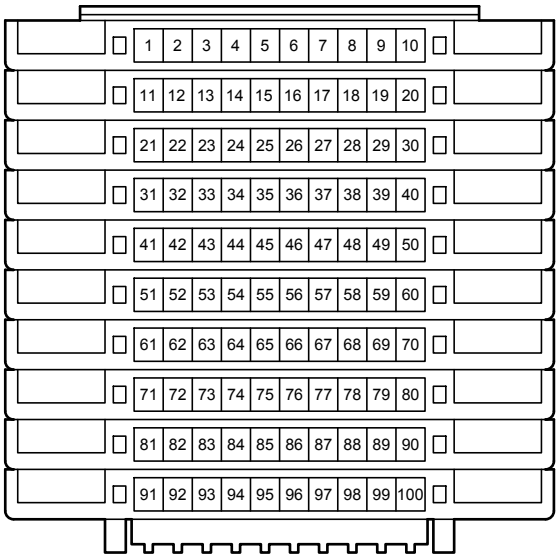
E 58



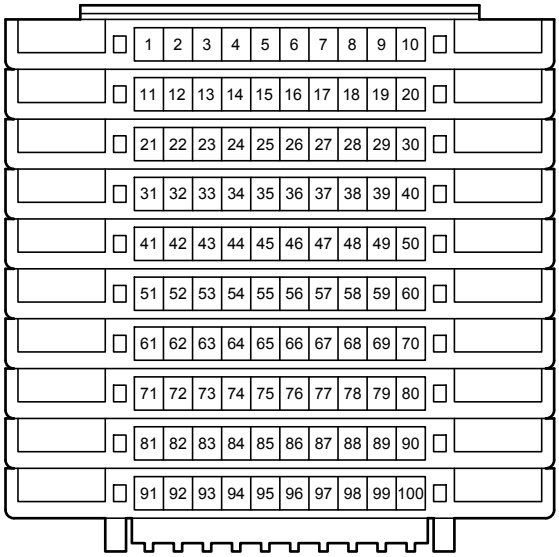
E 59



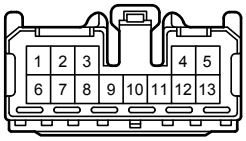
E 60



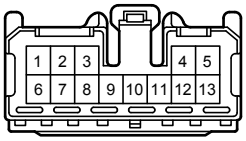
E 61



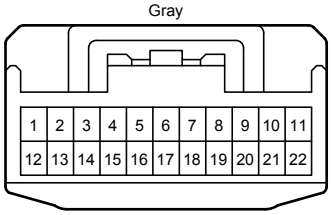
E 62
White



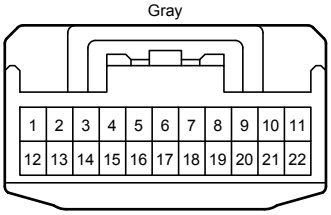
E 66
White



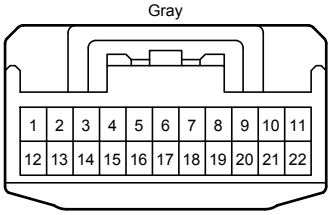
E 68
Gray



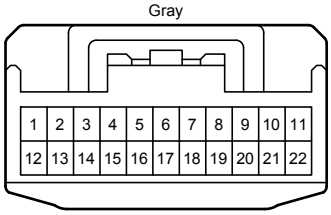
E 69
Gray



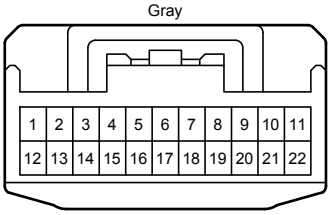
E 71
Gray



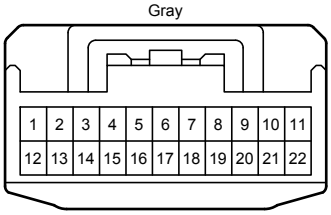
E 72
Gray



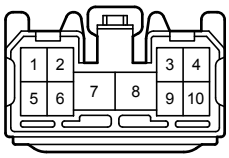
E 74
Gray



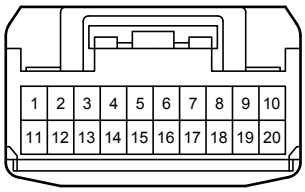
E 75
Gray



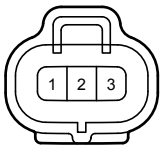
E 77
White



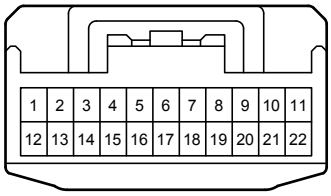
E 79
White



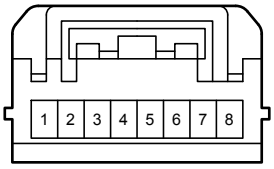
E 88
Black



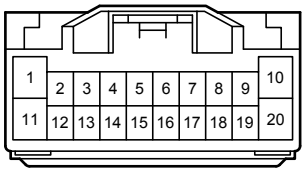
F 73
Blue



G 13
Black



V 4
White



z 17
Black



z 18
Black



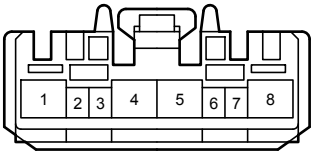
z 19
Black



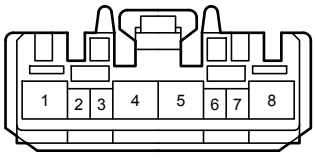
z 20
Black



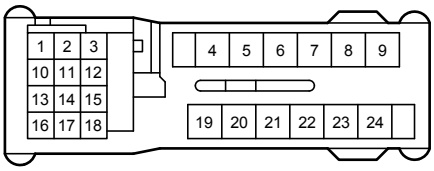
1A
White



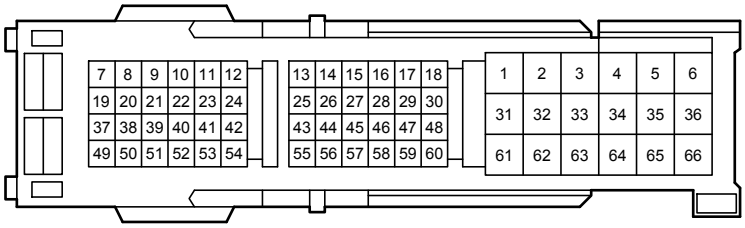
1B
White



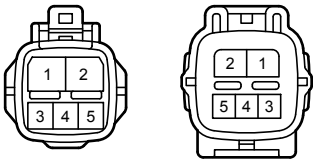
2B
White



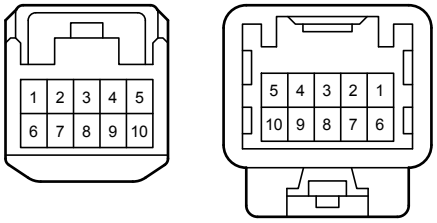
2D
White



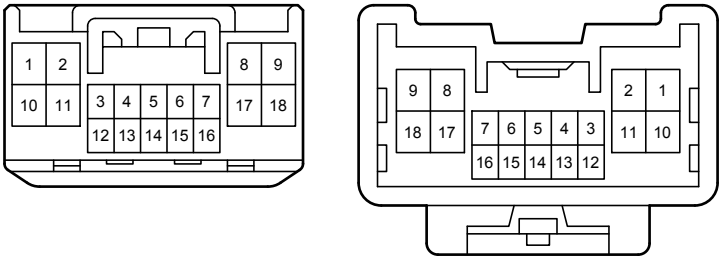
AA1
Gray



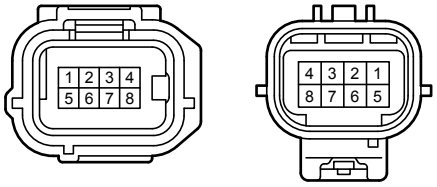
AE3
Gray



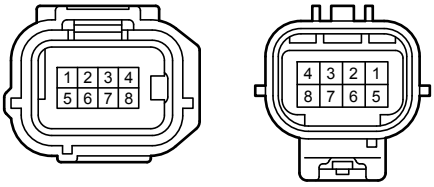
AK2
Gray



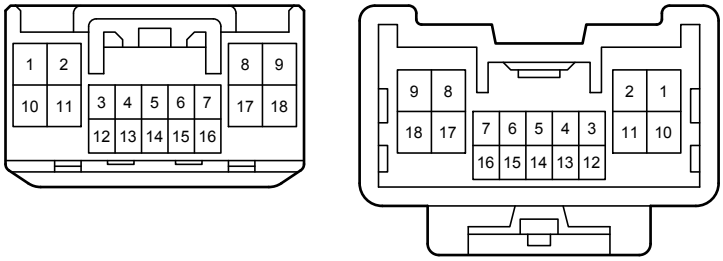
Az1
Gray



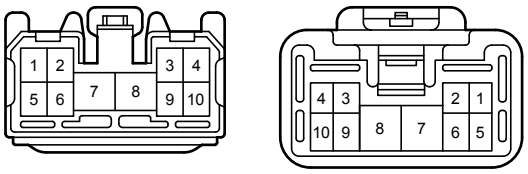
Az2
Gray



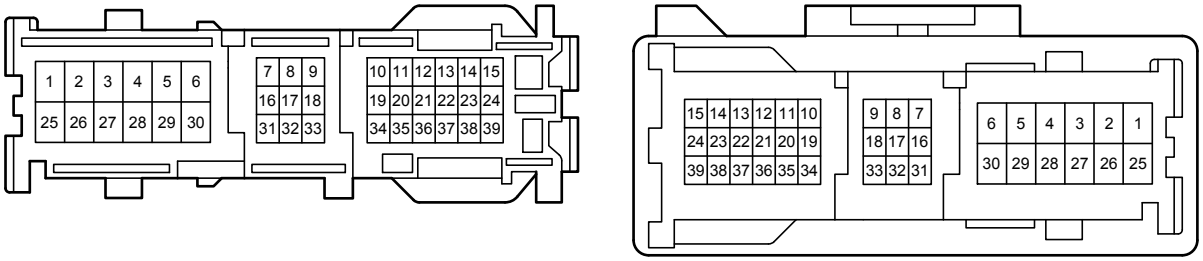
CA1
White



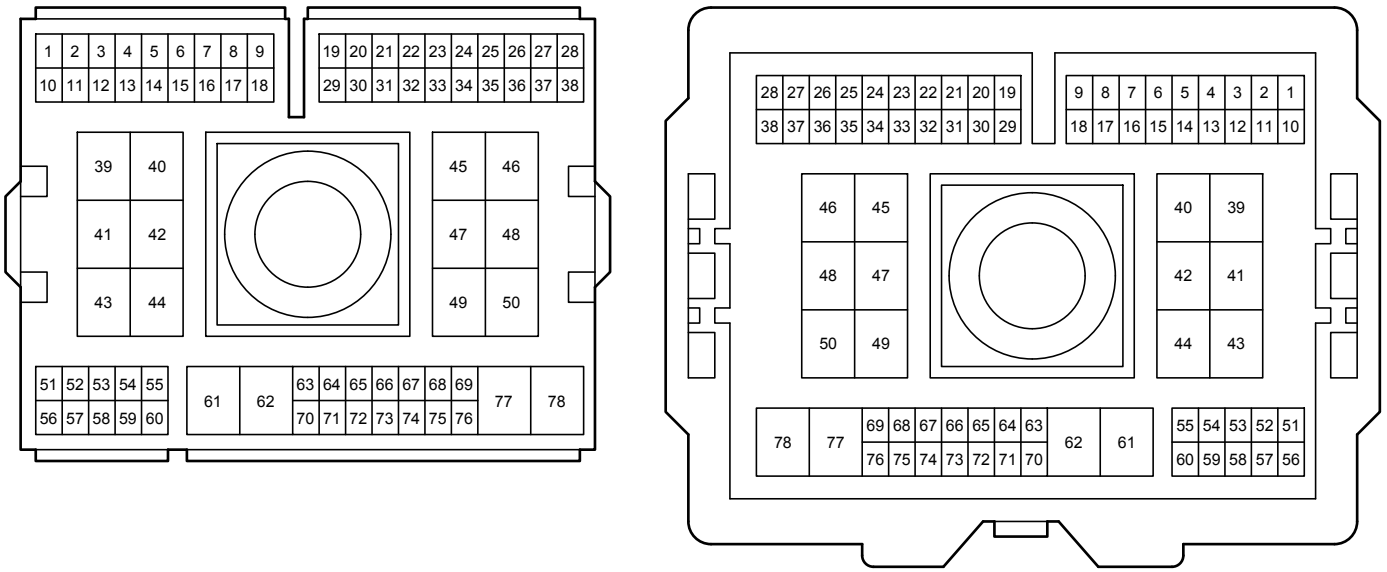
CA2
White



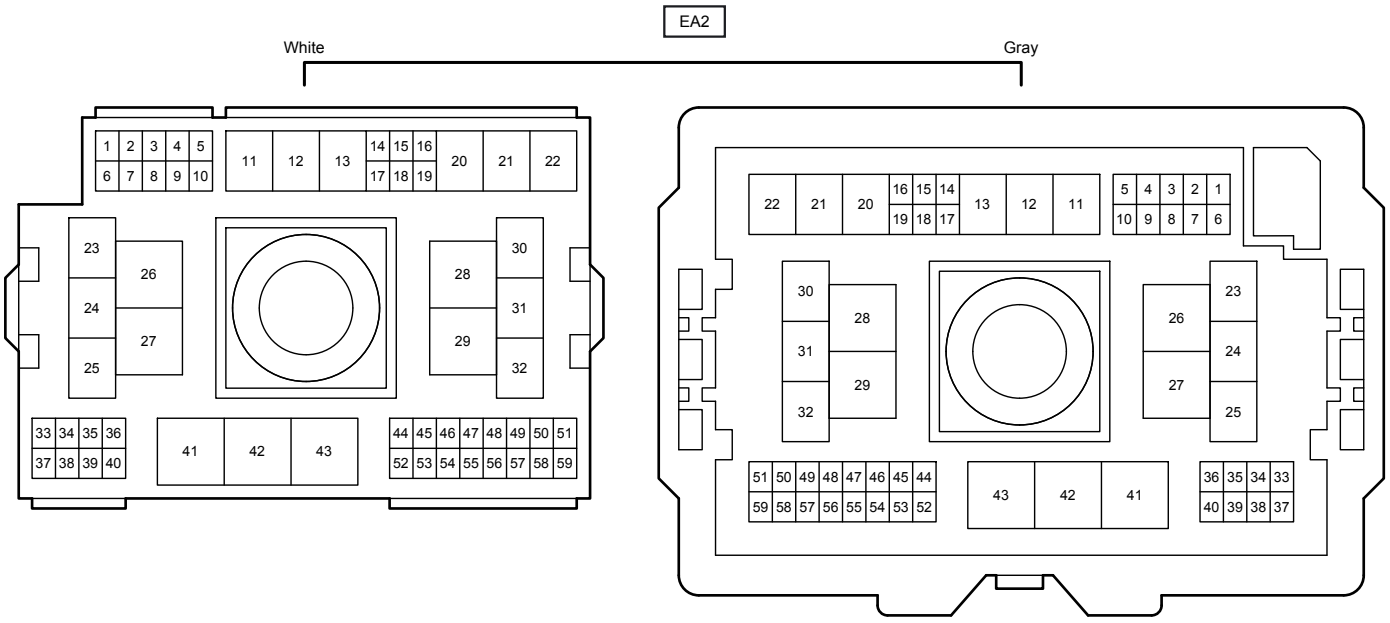
CA3
White



EA1
White

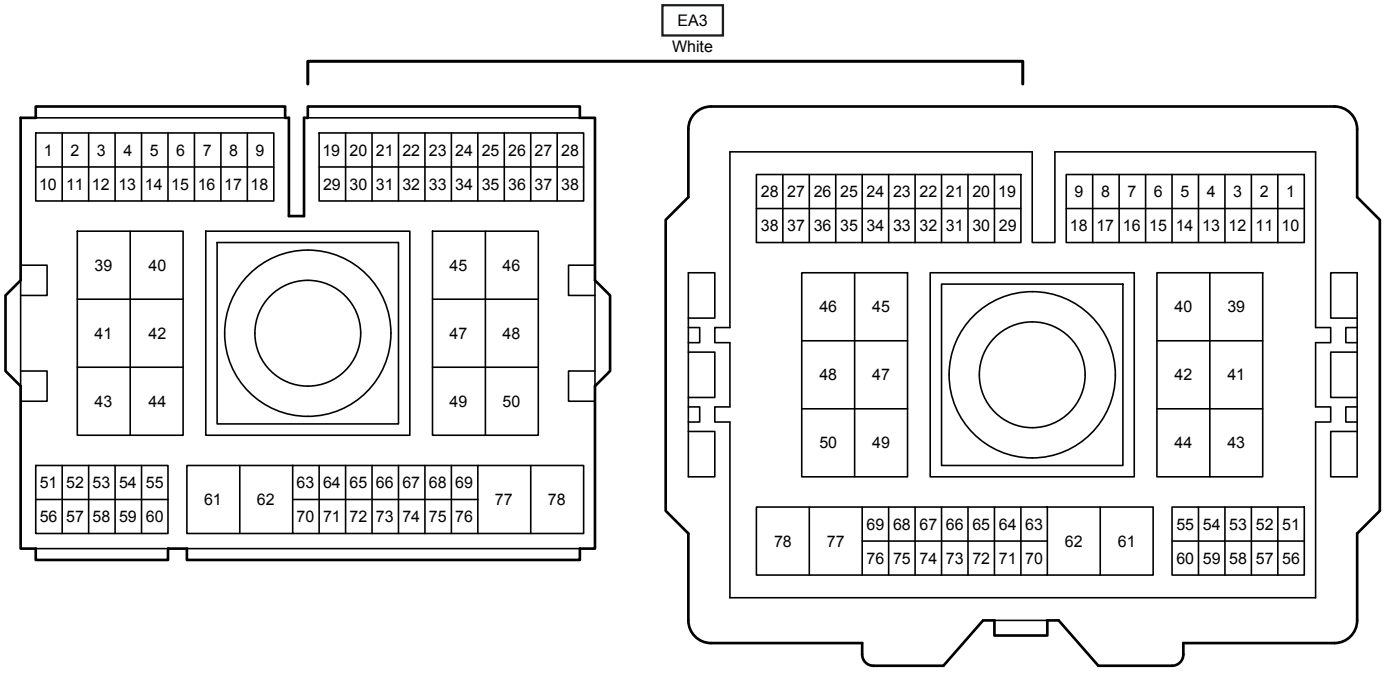


EA2



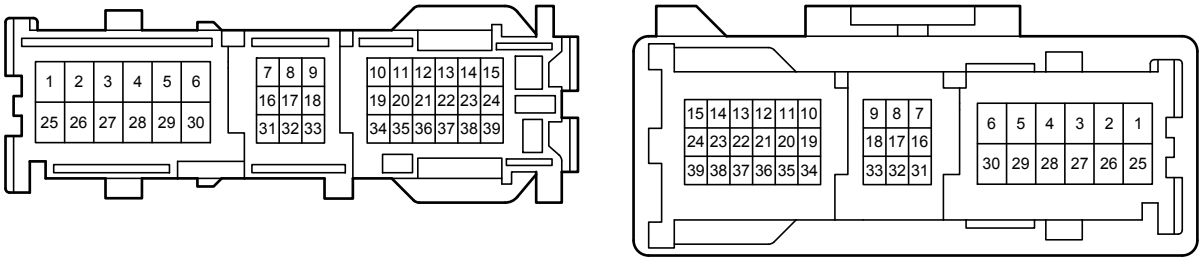
EA3

White

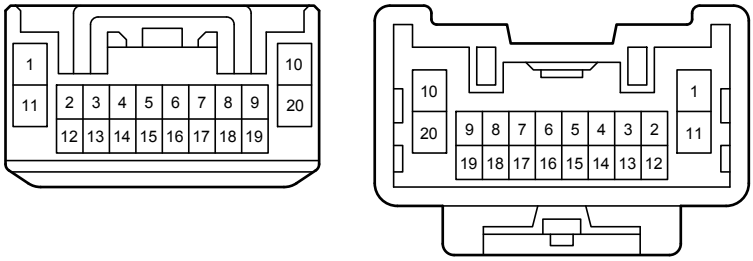


EA4

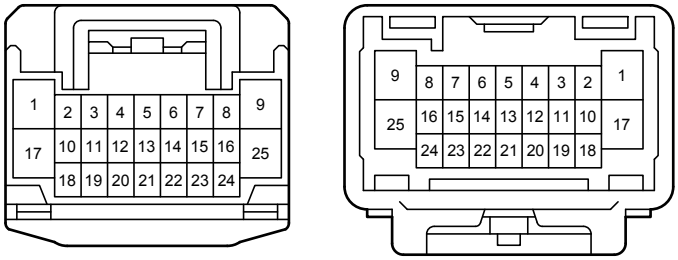
White



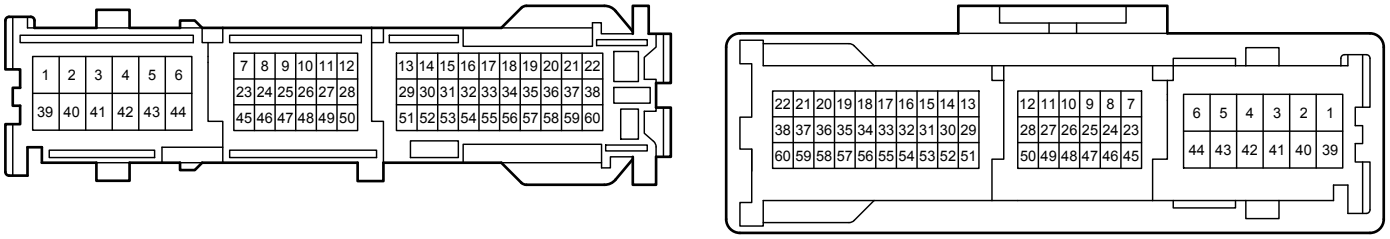
FE4
White



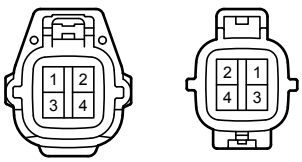
GE2
White



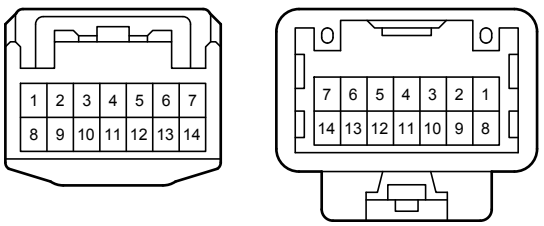
NK1
White

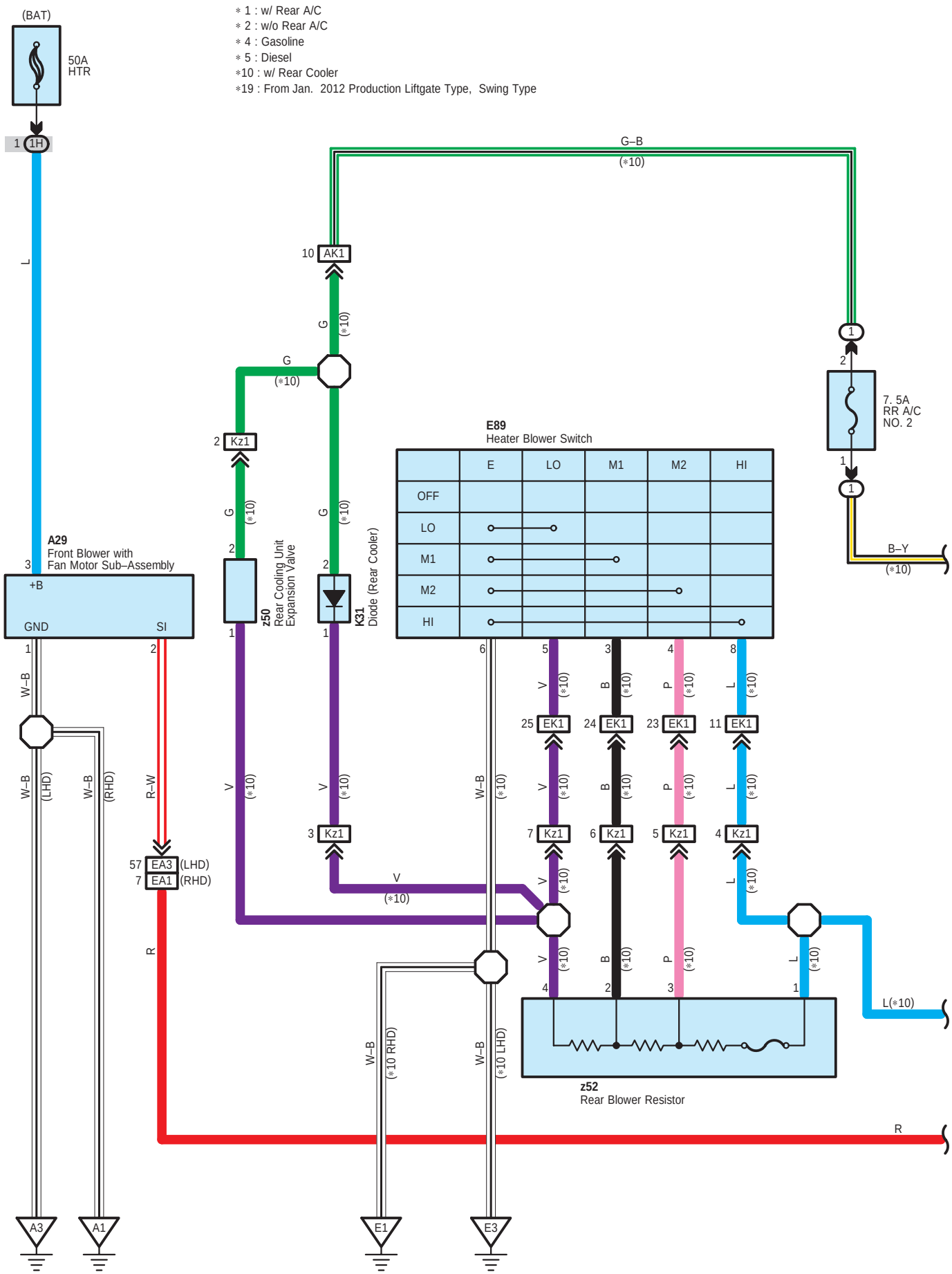


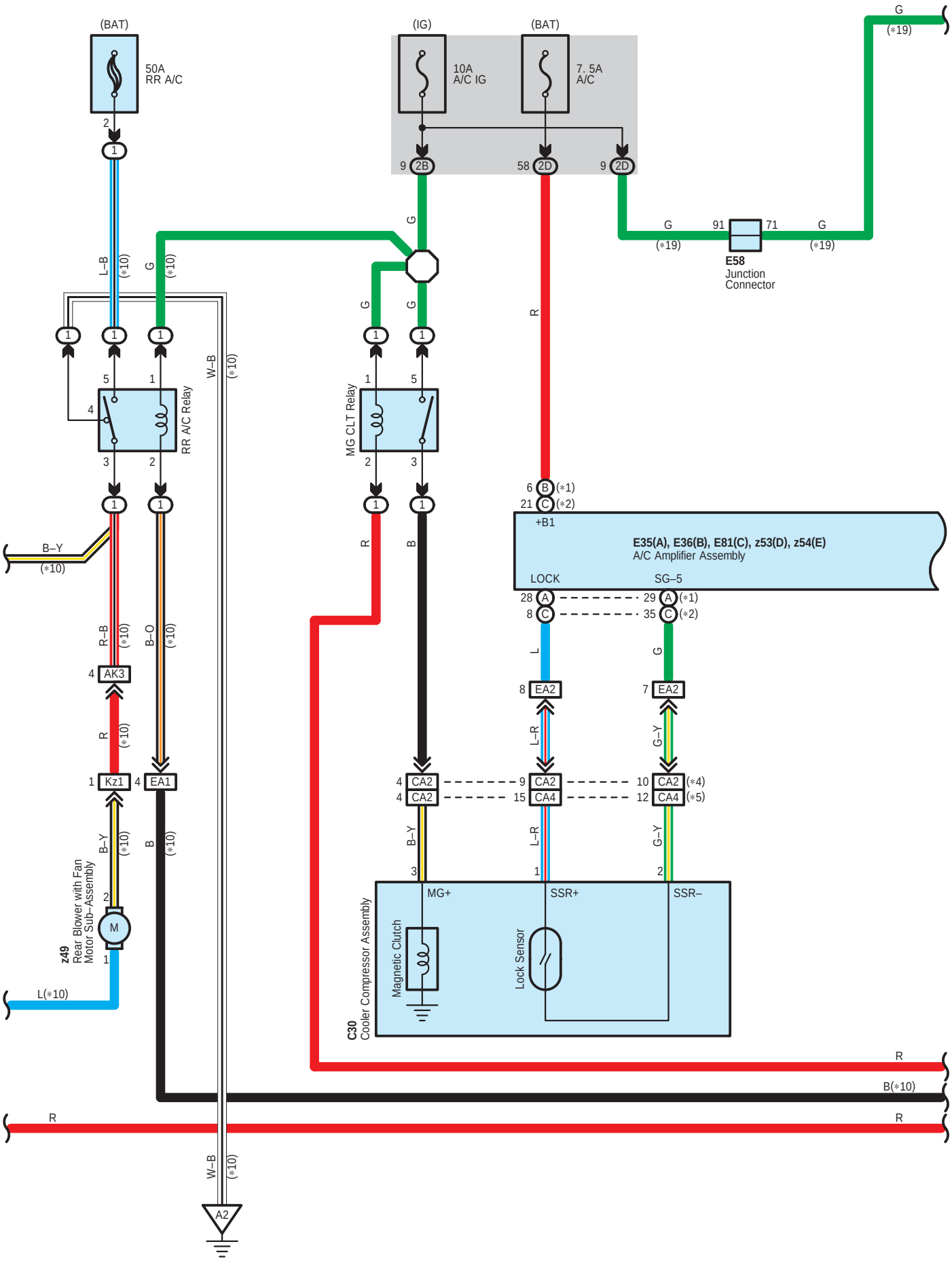
Nz1
Gray

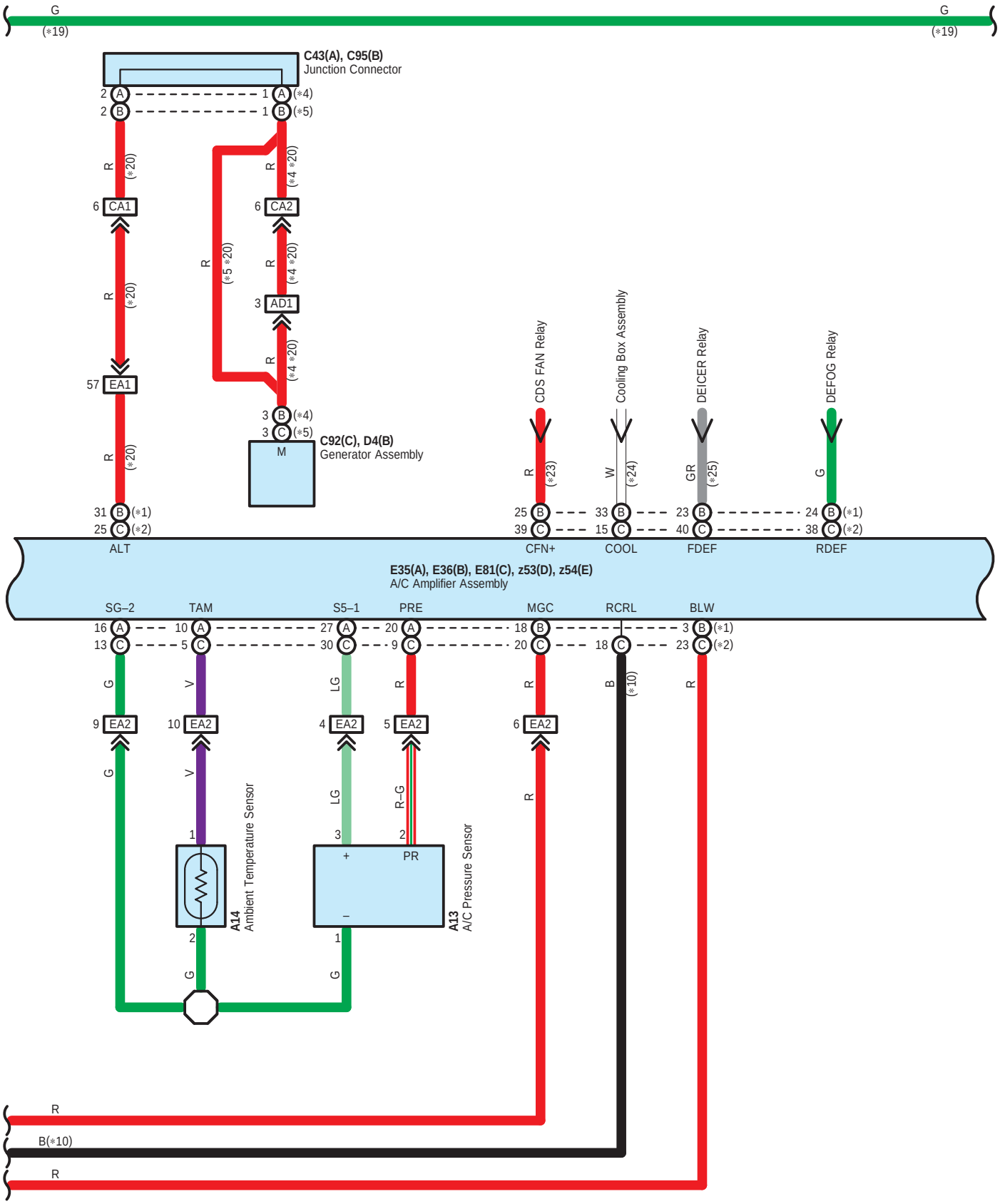


VE3
Gray



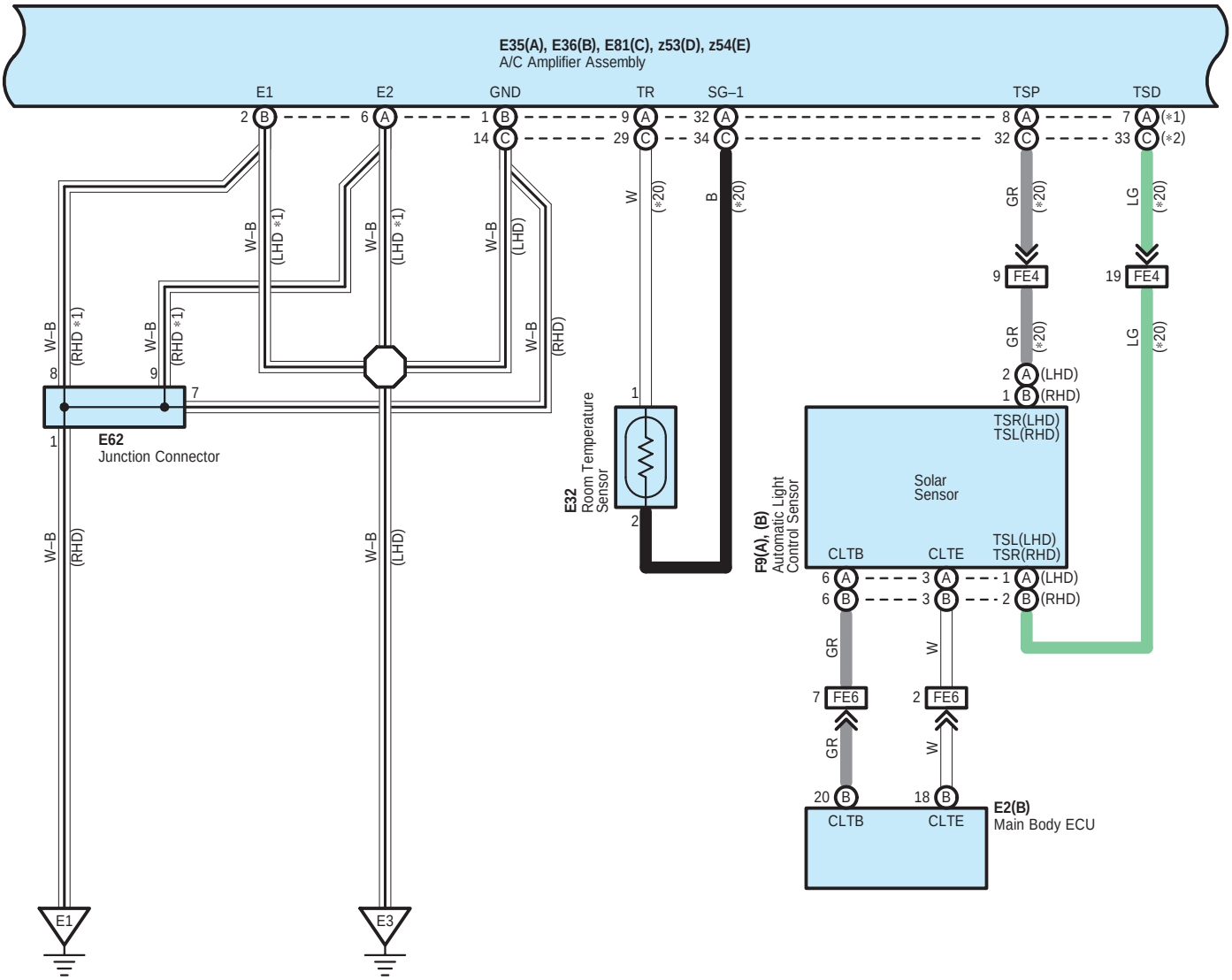

∗ 1 : w/ Rear A/C
∗ 2 : w/o Rear A/C
∗ 4 : Gasoline
∗ 5 : Diesel
∗10 : w/ Rear Cooler
∗19 : From Jan. 2012 Production Liftgate Type, Swing Type
(BAT)
50A
HTR
1H
L
G–B
(∗10)
10 AK1
G
(∗10)
2 Kz1
7. 5A
RR A/C
NO. 2
B–Y
(∗10)
E89
Heater Blower Switch
E
LO
M1
M2
HI
OFF
A29
Front Blower with
Fan Motor Sub–Assembly
+B
GND
SI
z50
Rear Cooling Unit
Expansion Valve
K31
Diode (Rear Cooler)
W–B
R–W
V
B
P
L
25 EK1
24 EK1
23 EK1
11 EK1
7 Kz1
6 Kz1
5 Kz1
4 Kz1
3 Kz1
57 EA3 (LHD)
7 EA1 (RHD)
L(∗10)
z52
Rear Blower Resistor
R
W–B
(∗10 RHD)
W–B
(∗10 LHD)
A3
A1
E1
E3


(BAT)
50A
RR A/C
(IG)
10A
A/C IG
(BAT)
7. 5A
A/C
G
(*19)
L–B
(*10)
G
(*10)
G
G
G
R
G
(*19)
91
71
G
(*19)
E58
Junction
Connector
W–B
(*10)
RR A/C Relay
MG CLT Relay
6 B (*1)
21 C (*2)
+B1
E35(A), E36(B), E81(C), z53(D), z54(E)
A/C Amplifier Assembly
LOCK
SG–5
28 A
8 C
29 A (*1)
35 C (*2)
B–Y
(*10)
R–B
(*10)
B–O
(*10)
L
G
4 AK3
8 EA2
7 EA2
R
(*10)
L–R
G–Y
1 Kz1
4 EA1
4 CA2
4 CA2
9 CA2
15 CA4
10 CA2 (*4)
12 CA4 (*5)
B–Y
(*10)
B
(*10)
B–Y
L–R
G–Y
3
1
2
z49
Rear Blower with Fan
Motor Sub–Assembly
2
M
1
L(*10)
MG+
SSR+
SSR–
Magnetic Clutch
Lock Sensor
C30
Cooler Compressor Assembly
R
B(*10)
R
R
W–B
(*10)
A2

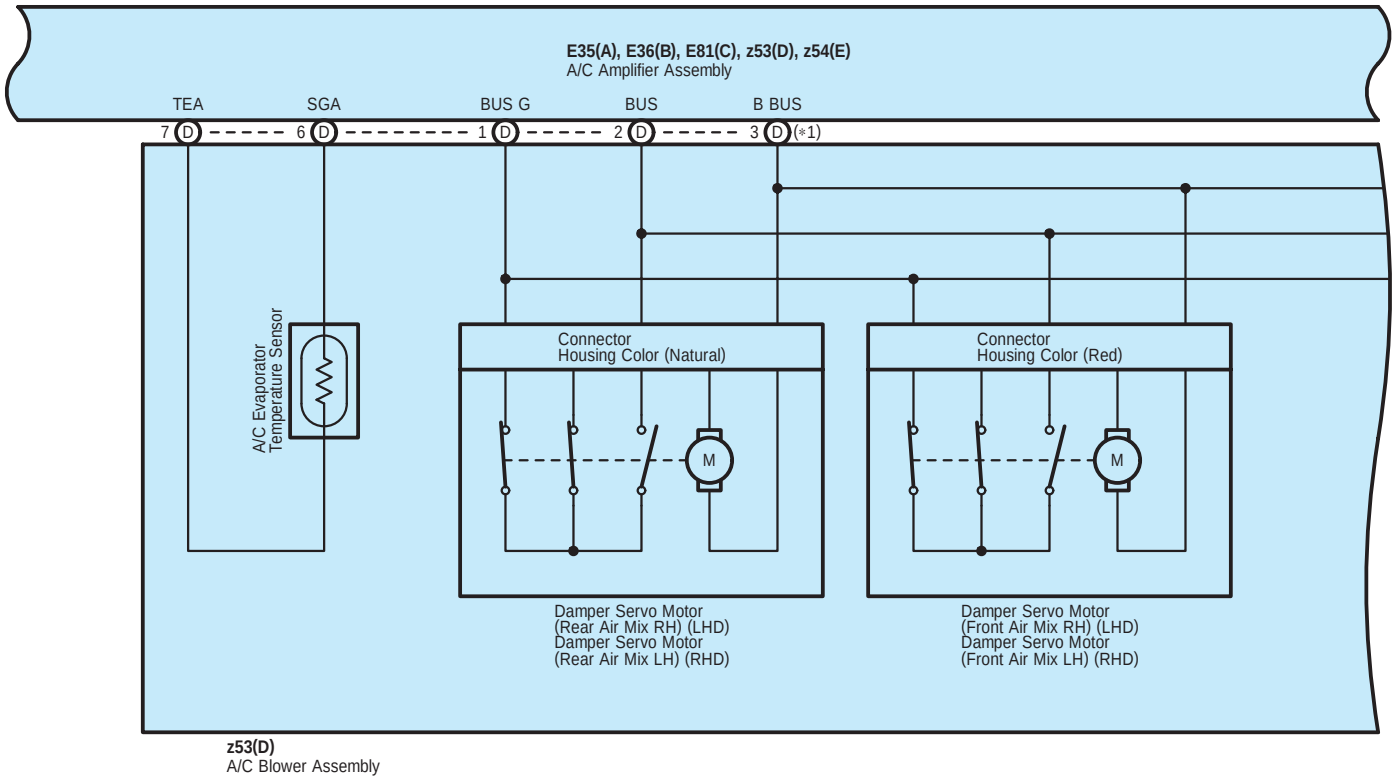

G
(*19)
G
(*19)
C43(A), C95(B)
Junction Connector
2 A
2 B
1 A (*4)
1 B (*5)
R (*20)
6 CA1
R (*20)
57 EA1
R (*20)
31 B (*1)
25 C (*2)
ALT
R (*5 *20)
R (*4 *20)
6 CA2
R (*4 *20)
3 AD1
R (*4 *20)
3 B (*4)
3 C (*5)
M
C92(C), D4(B)
Generator Assembly
CDS FAN Relay
Cooling Box Assembly
DEICER Relay
DEFOG Relay
R (*23)
W (*24)
GR (*25)
G
25 B
39 C
CFN+
33 B
15 C
COOL
23 B
40 C
FDEF
24 B (*1)
38 C (*2)
RDEF
E35(A), E36(B), E81(C), z53(D), z54(E)
A/C Amplifier Assembly
SG–2
TAM
S5–1
PRE
MGC
RCRL
BLW
16 A
13 C
10 A
5 C
27 A
30 C
20 A
9 C
18 B
20 C
18 C
3 B (*1)
23 C (*2)
G
V
LG
R
R
B (*10)
R
9 EA2
10 EA2
4 EA2
5 EA2
6 EA2
G
V
LG
R–G
R
1
2
3
2
1
A14
Ambient Temperature Sensor
+
PR
–
A13
A/C Pressure Sensor
G
G
R
B(*10)
R

G (∗19) — G (∗19)

∗ 1 : w/ Rear A/C
∗ 2 : w/o Rear A/C
∗ 4 : Gasoline
∗ 5 : Diesel
∗10 : w/ Rear Cooler
∗19 : From Jan. 2012 Production Liftgate Type, Swing Type
∗20 : Automatic Air Conditioner
∗23 : w/ Condenser Fan
∗24 : w/ Cool Box
∗25 : w/ Front Window Deicer

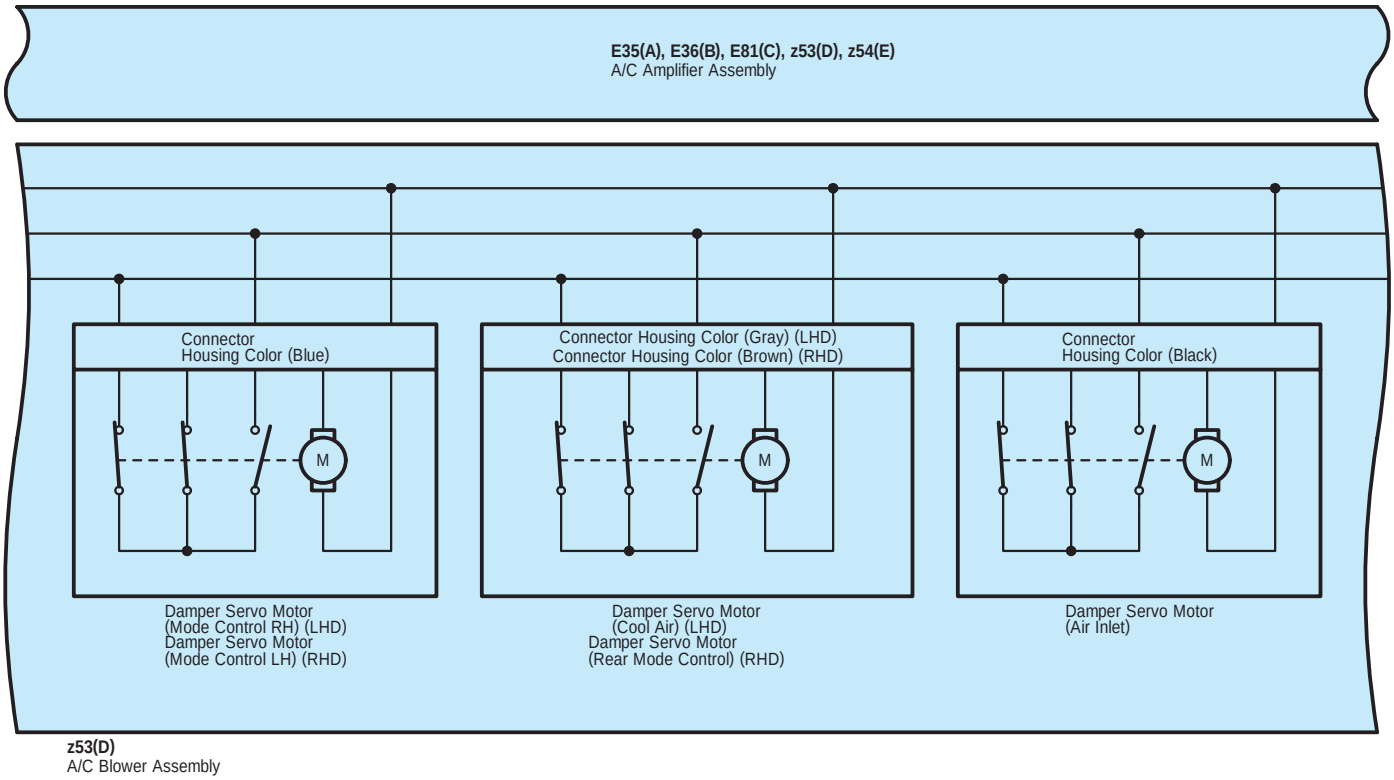


G (*19) — G (*19)

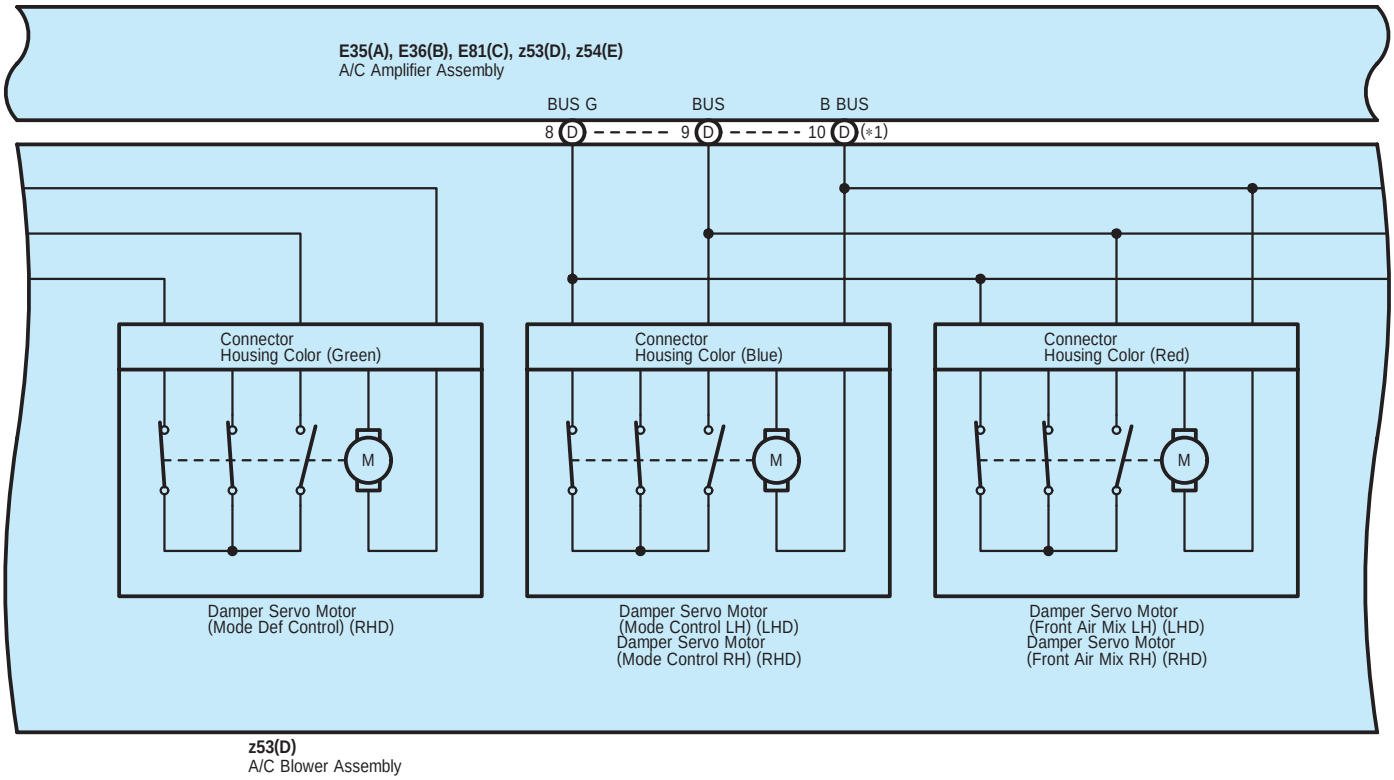

E35(A), E36(B), E81(C), z53(D), z54(E)
A/C Amplifier Assembly
TEA
SGA
BUS G
BUS
B BUS
7 D
6 D
1 D
2 D
3 D (*1)
A/C Evaporator Temperature Sensor
Connector Housing Color (Natural)
Connector Housing Color (Red)
M
M
Damper Servo Motor (Rear Air Mix RH) (LHD)
Damper Servo Motor (Rear Air Mix LH) (RHD)
Damper Servo Motor (Front Air Mix RH) (LHD)
Damper Servo Motor (Front Air Mix LH) (RHD)
z53(D)
A/C Blower Assembly

G (∗19) — G (∗19)

∗ 1 : w/ Rear A/C
∗19 : From Jan. 2012 Production Liftgate Type, Swing Type



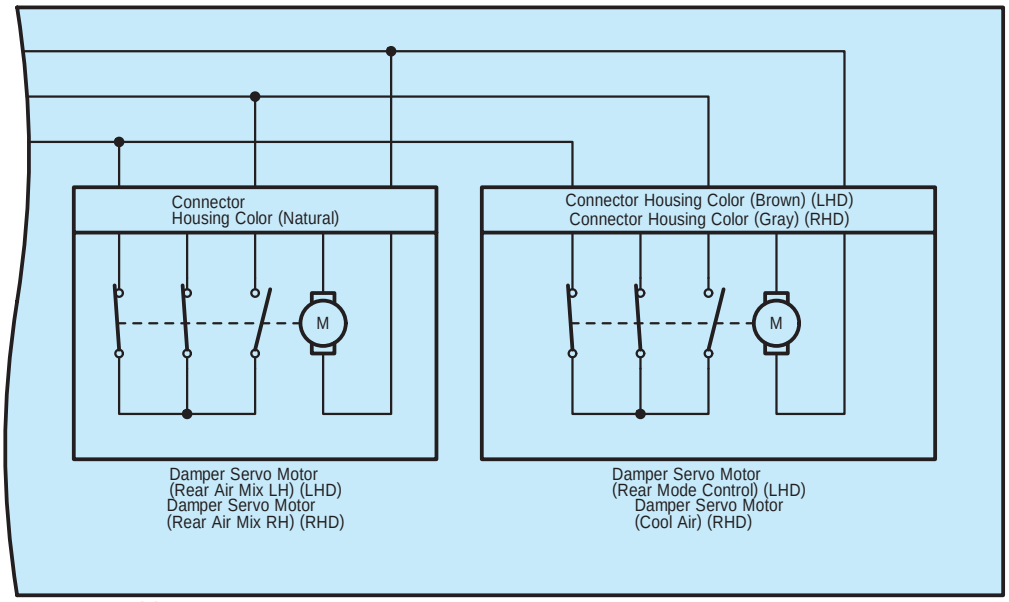

G
(*19)
G
(*19)


E35(A), E36(B), E81(C), z53(D), z54(E)
A/C Amplifier Assembly
BUS G
BUS
B BUS
8 D
9 D
10 D
(*1)
Connector
Housing Color (Green)
Connector
Housing Color (Blue)
Connector
Housing Color (Red)
M
M
M
Damper Servo Motor
(Mode Def Control) (RHD)
Damper Servo Motor
(Mode Control LH) (LHD)
Damper Servo Motor
(Mode Control RH) (RHD)
Damper Servo Motor
(Front Air Mix LH) (LHD)
Damper Servo Motor
(Front Air Mix RH) (RHD)
z53(D)
A/C Blower Assembly



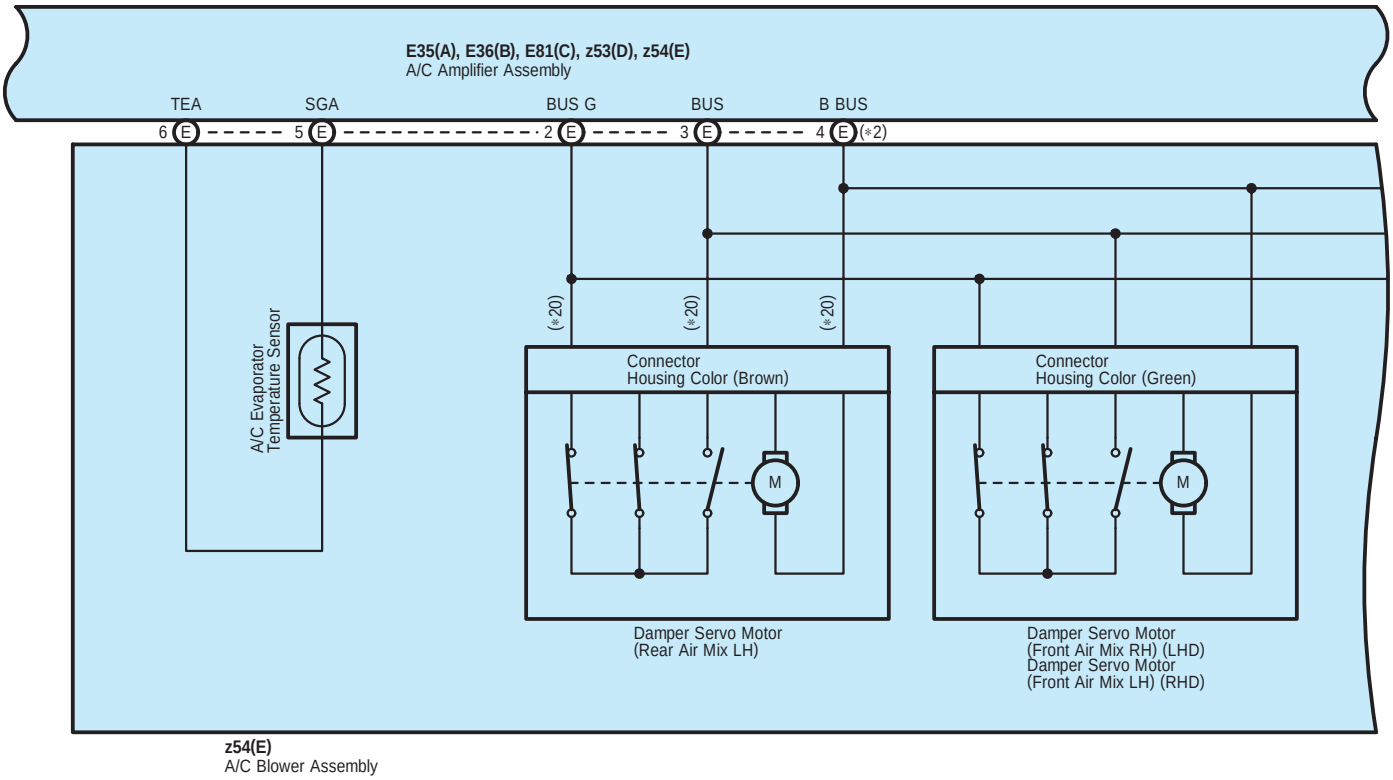
∗ 1 : w/ Rear A/C
∗19 : From Jan. 2012 Production Liftgate Type, Swing Type

E35(A), E36(B), E81(C), z53(D), z54(E)
A/C Amplifier Assembly



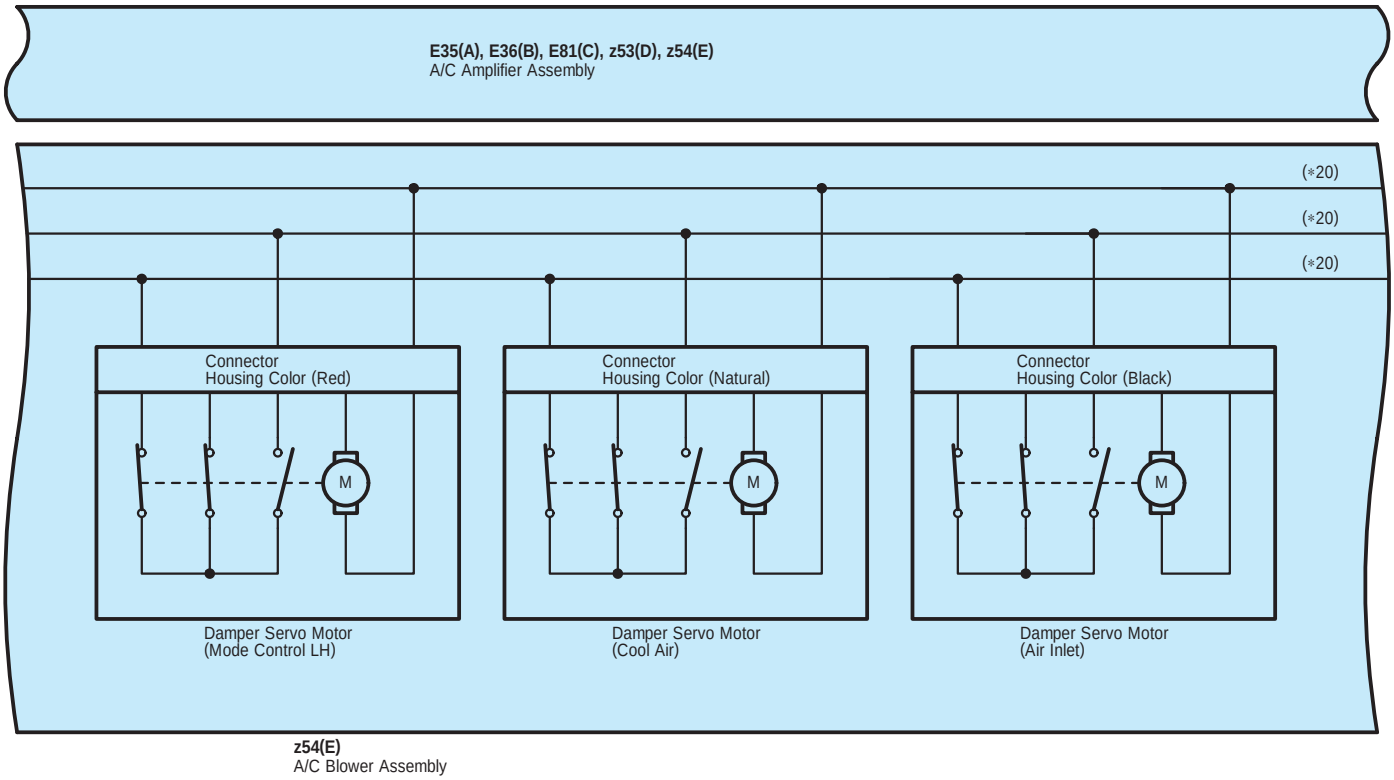
z53(D)
A/C Blower Assembly

G (*19) — G (*19)


E35(A), E36(B), E81(C), z53(D), z54(E)
A/C Amplifier Assembly
TEA
SGA
BUS G
BUS
B BUS
6 E
5 E
2 E
3 E
4 E (*2)
(*20)
(*20)
(*20)
A/C Evaporator Temperature Sensor
Connector Housing Color (Brown)
Connector Housing Color (Green)
M
M
Damper Servo Motor (Rear Air Mix LH)
Damper Servo Motor (Front Air Mix RH) (LHD)
Damper Servo Motor (Front Air Mix LH) (RHD)
z54(E)
A/C Blower Assembly



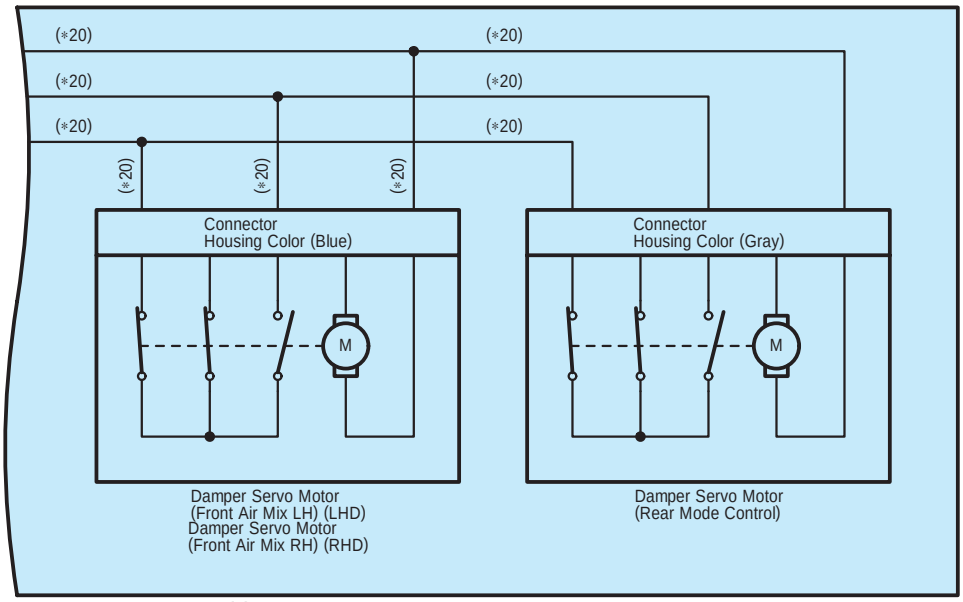
∗ 2 : w/o Rear A/C
∗19 : From Jan. 2012 Production Liftgate Type, Swing Type
∗20 : Automatic Air Conditioner



z54(E)
A/C Blower Assembly



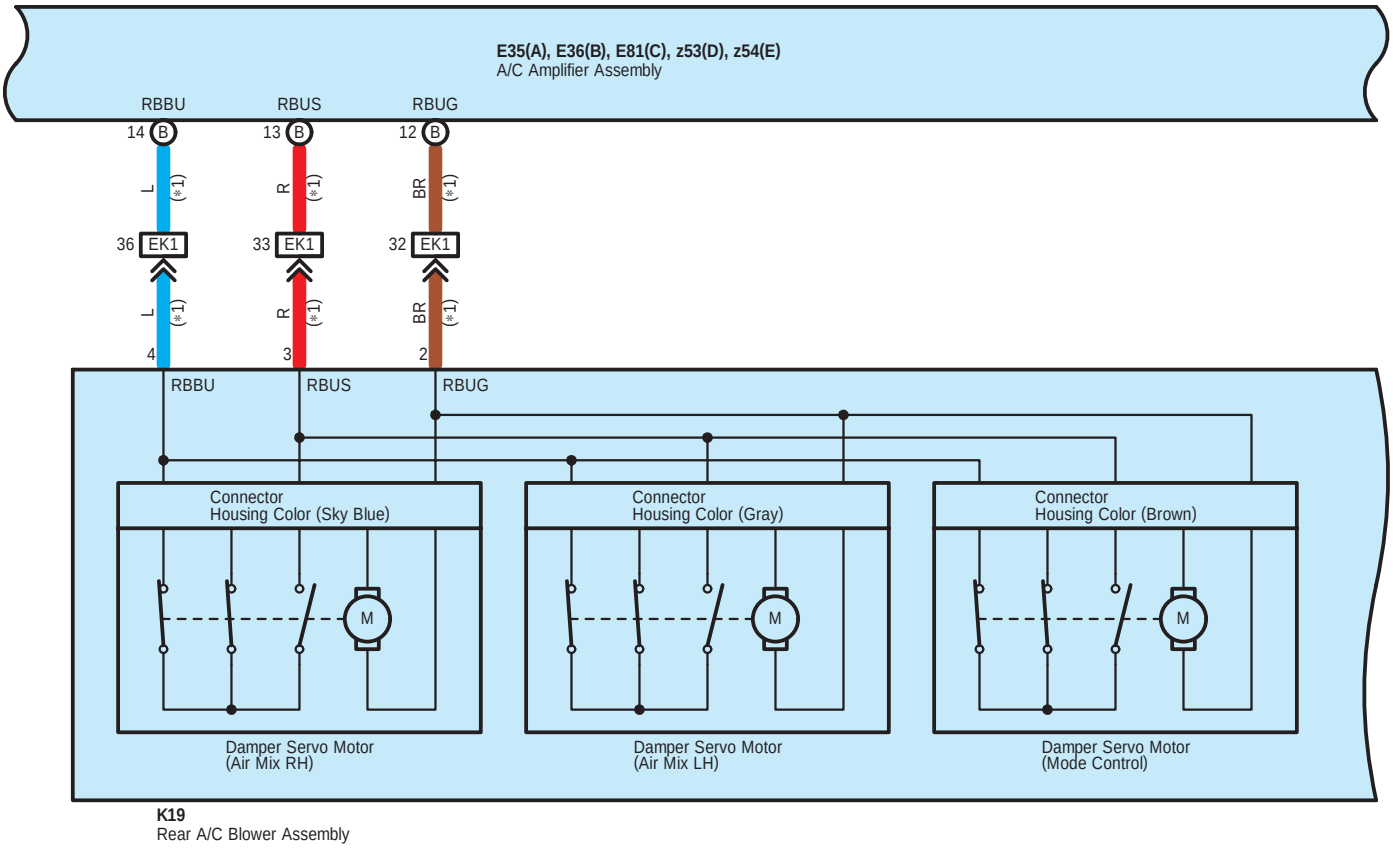
E35(A), E36(B), E81(C), z53(D), z54(E)
A/C Amplifier Assembly



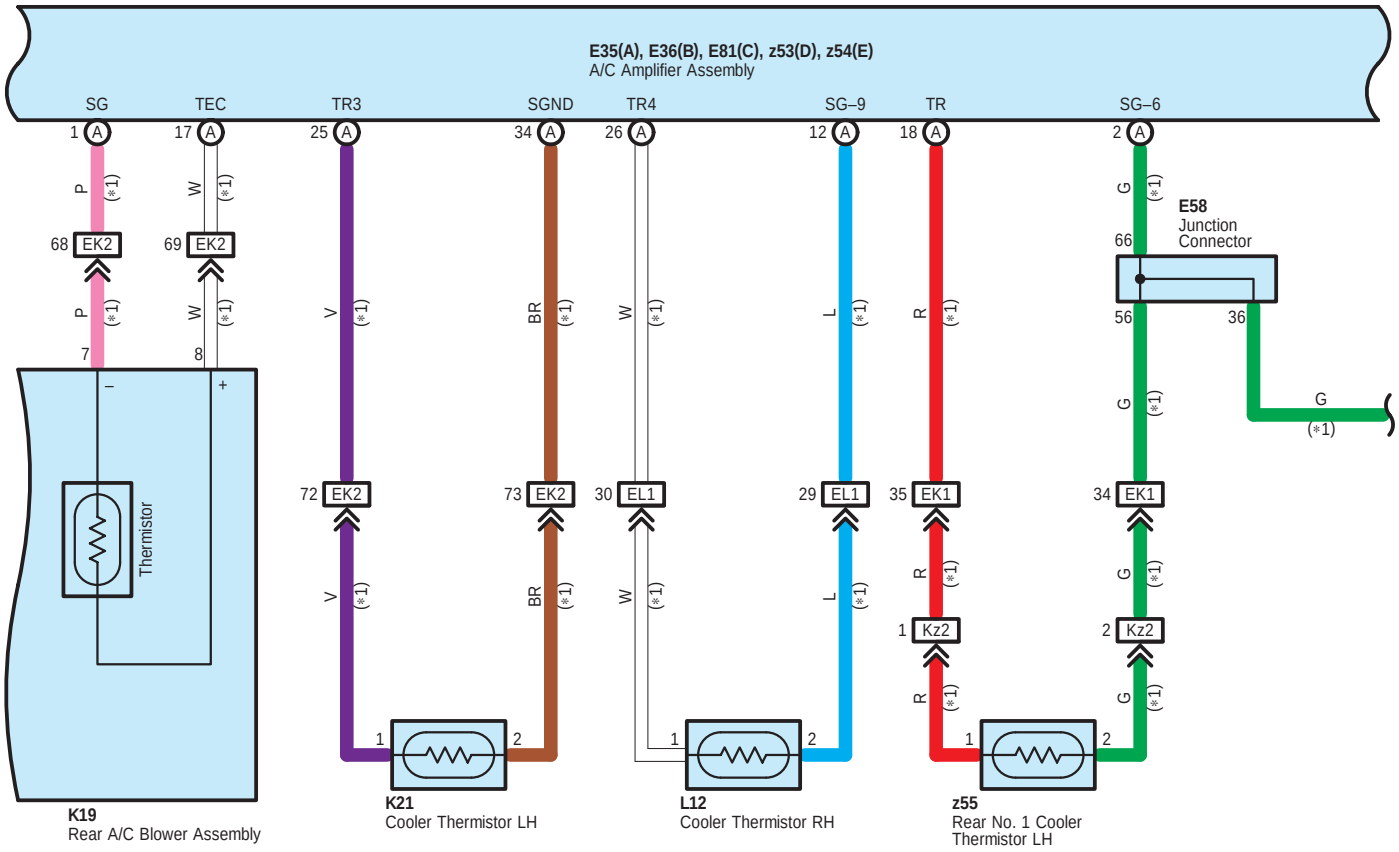
z54(E)
A/C Blower Assembly



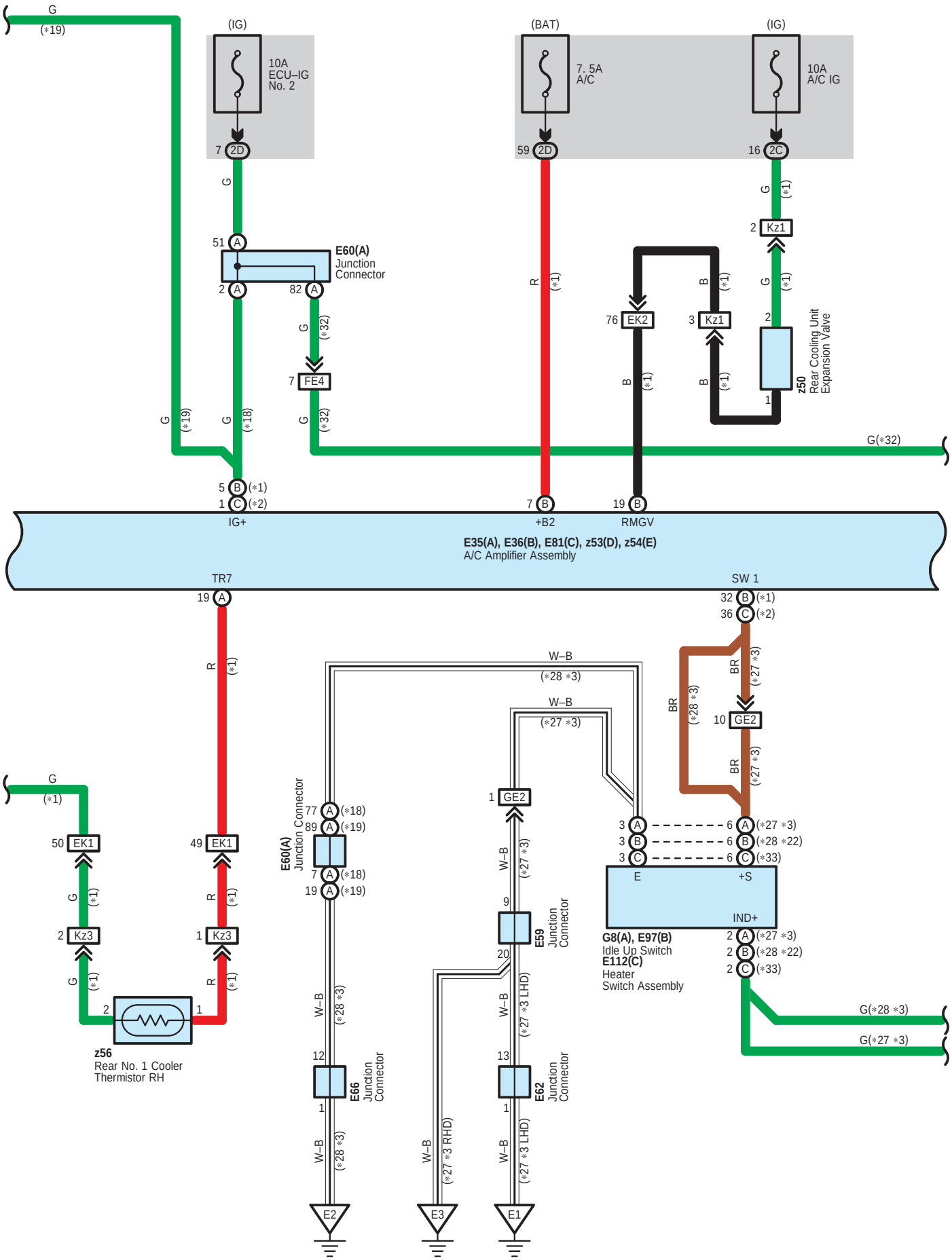
* 1 : w/ Rear A/C
*19 : From Jan. 2012 Production Liftgate Type, Swing Type
*20 : Automatic Air Conditioner

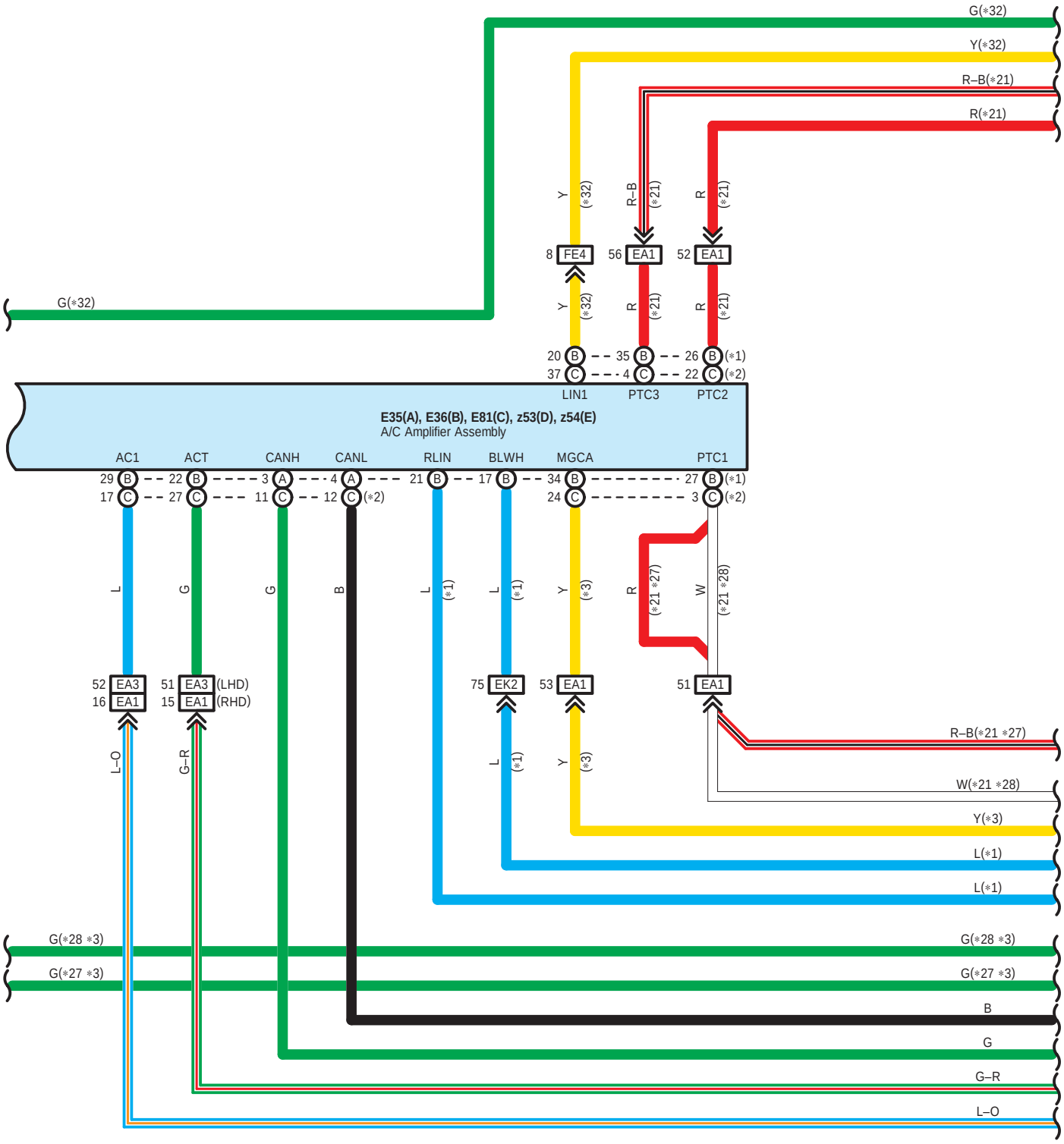


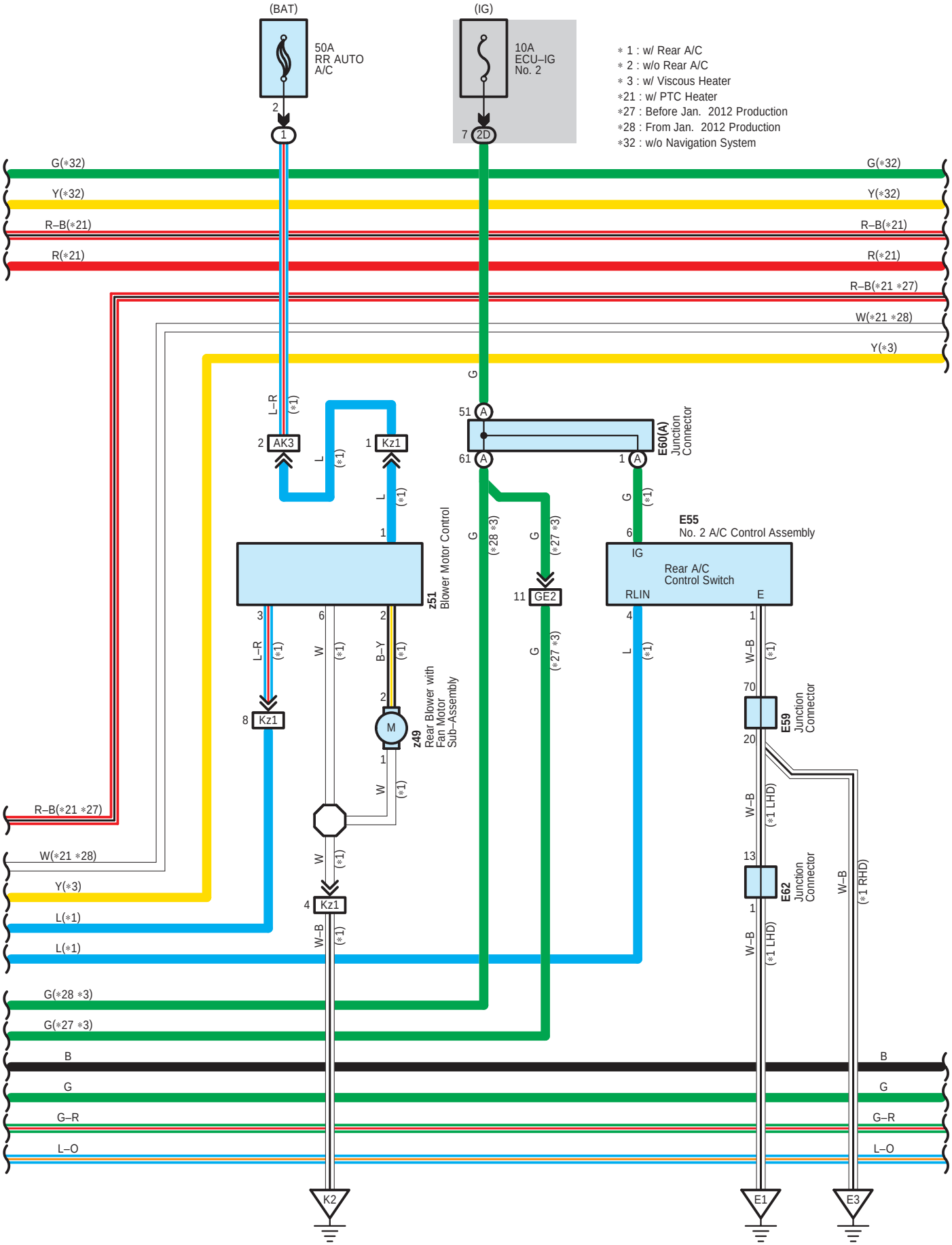


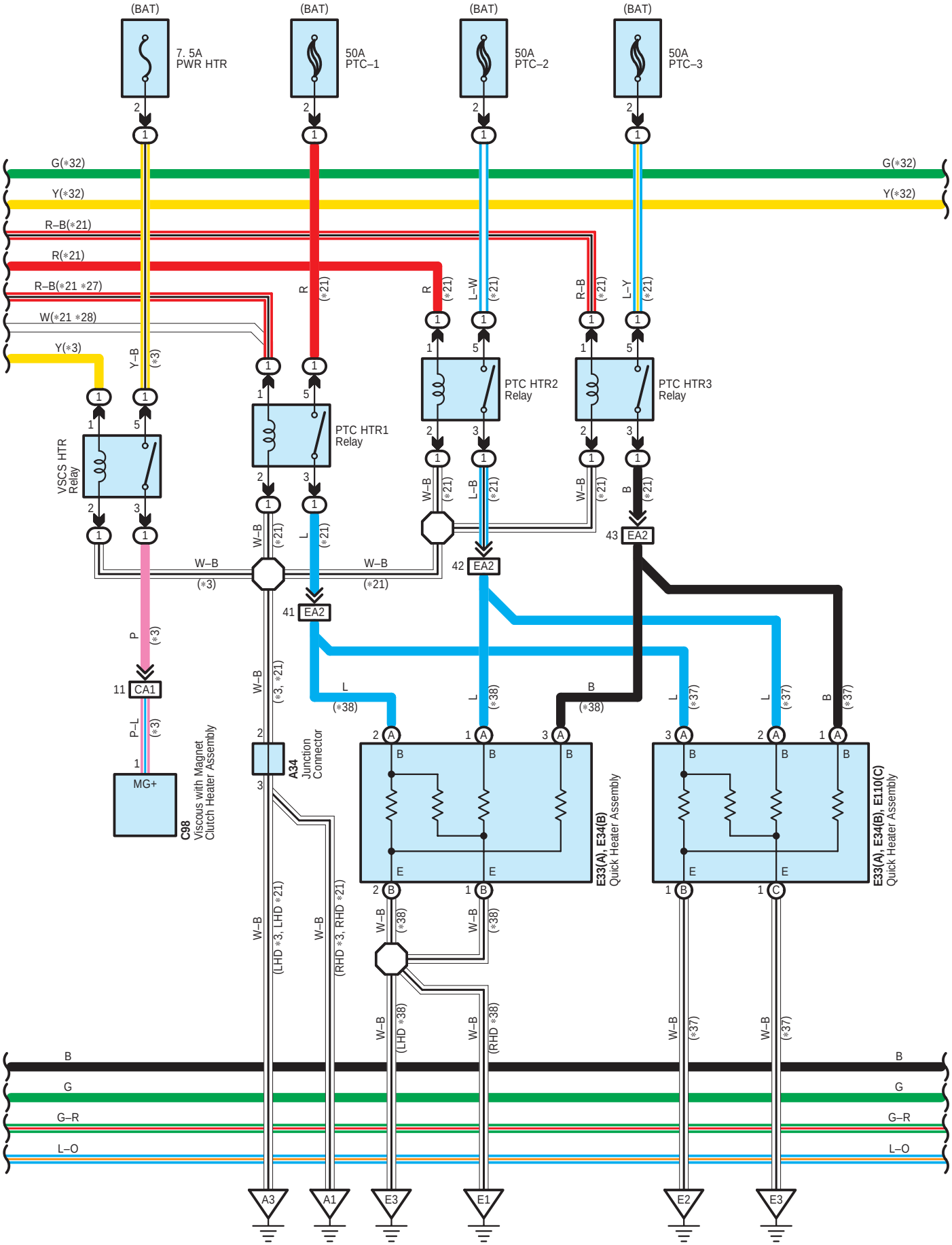


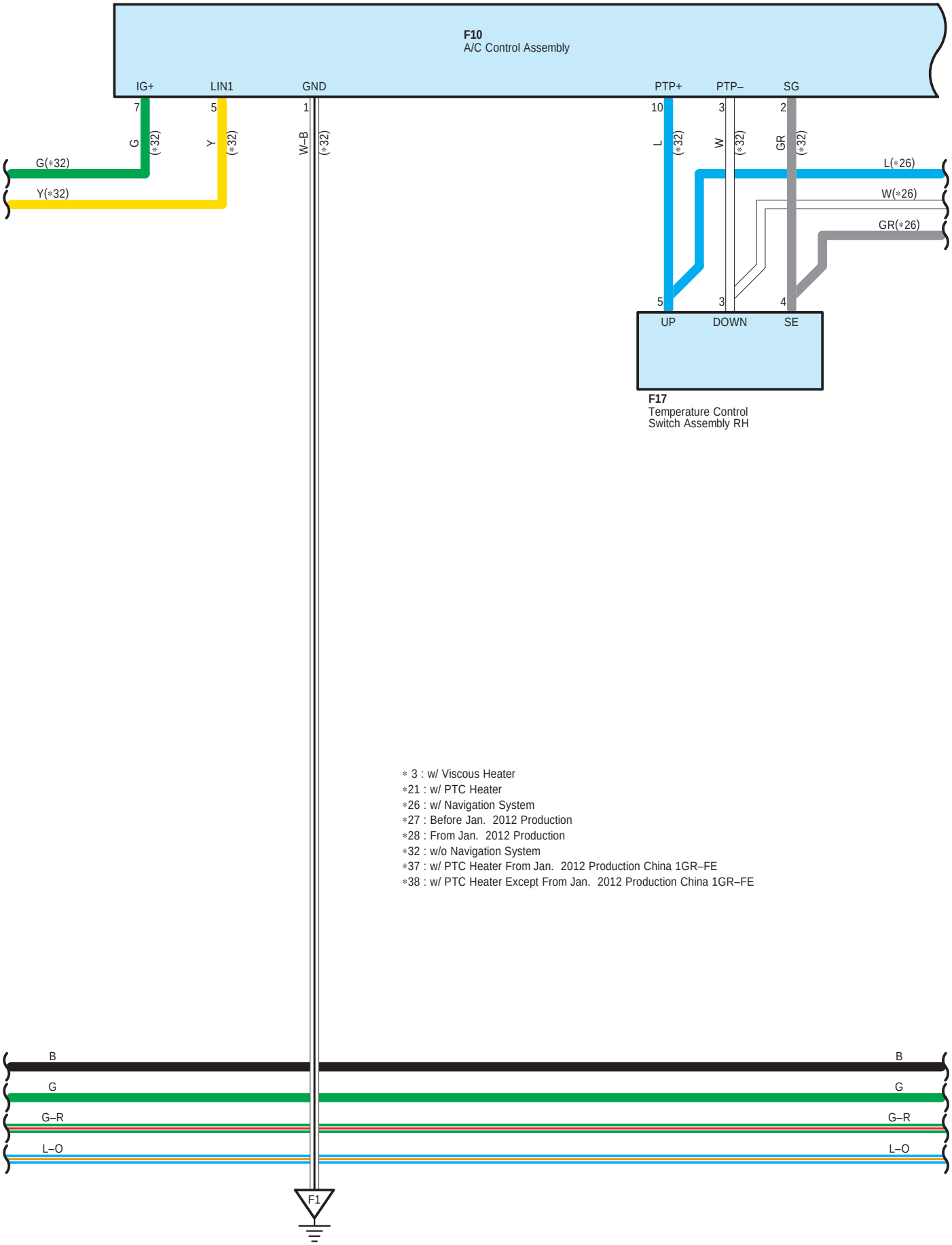
∗ 1 : w/ Rear A/C
∗ 2 : w/o Rear A/C
∗ 3 : w/ Viscous Heater
∗18 : Before Jan. 2012 Production Liftgate Type
∗19 : From Jan. 2012 Production Liftgate Type, Swing Type
∗22 : w/ Viscous Heater 1VD–FTV w/o DPF
∗27 : Before Jan. 2012 Production
∗28 : From Jan. 2012 Production
∗32 : w/o Navigation System
∗33 : w/ Viscous Heater 1VD–FTV w/ DPF

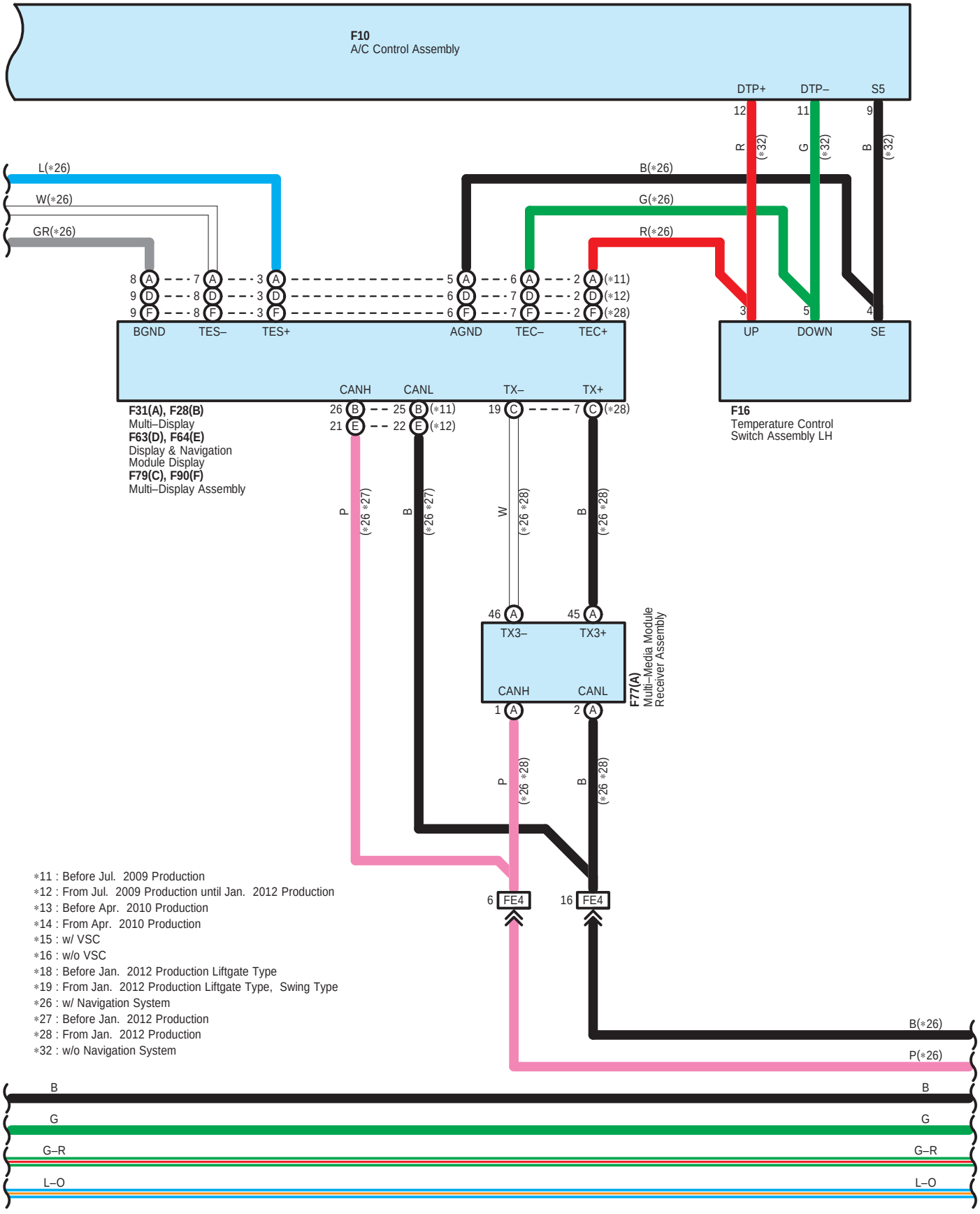

G
(*19)
(IG)
10A
ECU–IG
No. 2
7 2D
(BAT)
7. 5A
A/C
59 2D
(IG)
10A
A/C IG
16 2C
G
(*1)
2 Kz1
51 A
E60(A)
Junction
Connector
2 A
82 A
G
(*32)
7 FE4
R
(*1)
76 EK2
B
(*1)
3 Kz1
B
(*1)
G
(*1)
2
z50
Rear Cooling Unit
Expansion Valve
1
G
(*19)
G
(*18)
G
(*32)
G(*32)
5 B (*1)
1 C (*2)
IG+
7 B
+B2
19 B
RMGV
E35(A), E36(B), E81(C), z53(D), z54(E)
A/C Amplifier Assembly
TR7
19 A
SW 1
32 B (*1)
36 C (*2)
R
(*1)
W–B
(*28 *3)
W–B
(*27 *3)
BR
(*27 *3)
BR
(*28 *3)
10 GE2
BR
(*27 *3)
G
(*1)
50 EK1
49 EK1
77 A (*18)
89 A (*19)
E60(A)
Junction Connector
7 A (*18)
19 A (*19)
1 GE2
3 A 6 A (*27 *3)
3 B 6 B (*28 *22)
3 C 6 C (*33)
E
+S
IND+
G8(A), E97(B)
Idle Up Switch
E112(C)
Heater
Switch Assembly
2 A (*27 *3)
2 B (*28 *22)
2 C (*33)
G
(*1)
2 Kz3
1 Kz3
G
(*1)
R
(*1)
2
1
z56
Rear No. 1 Cooler
Thermistor RH
W–B
(*28 *3)
9
E59
Junction
Connector
20
W–B
(*27 *3 LHD)
12
E66
Junction
Connector
13
E62
Junction
Connector
1
W–B
(*28 *3)
W–B
(*27 *3 RHD)
1
W–B
(*27 *3 LHD)
E2
E3
E1
G(*28 *3)
G(*27 *3)

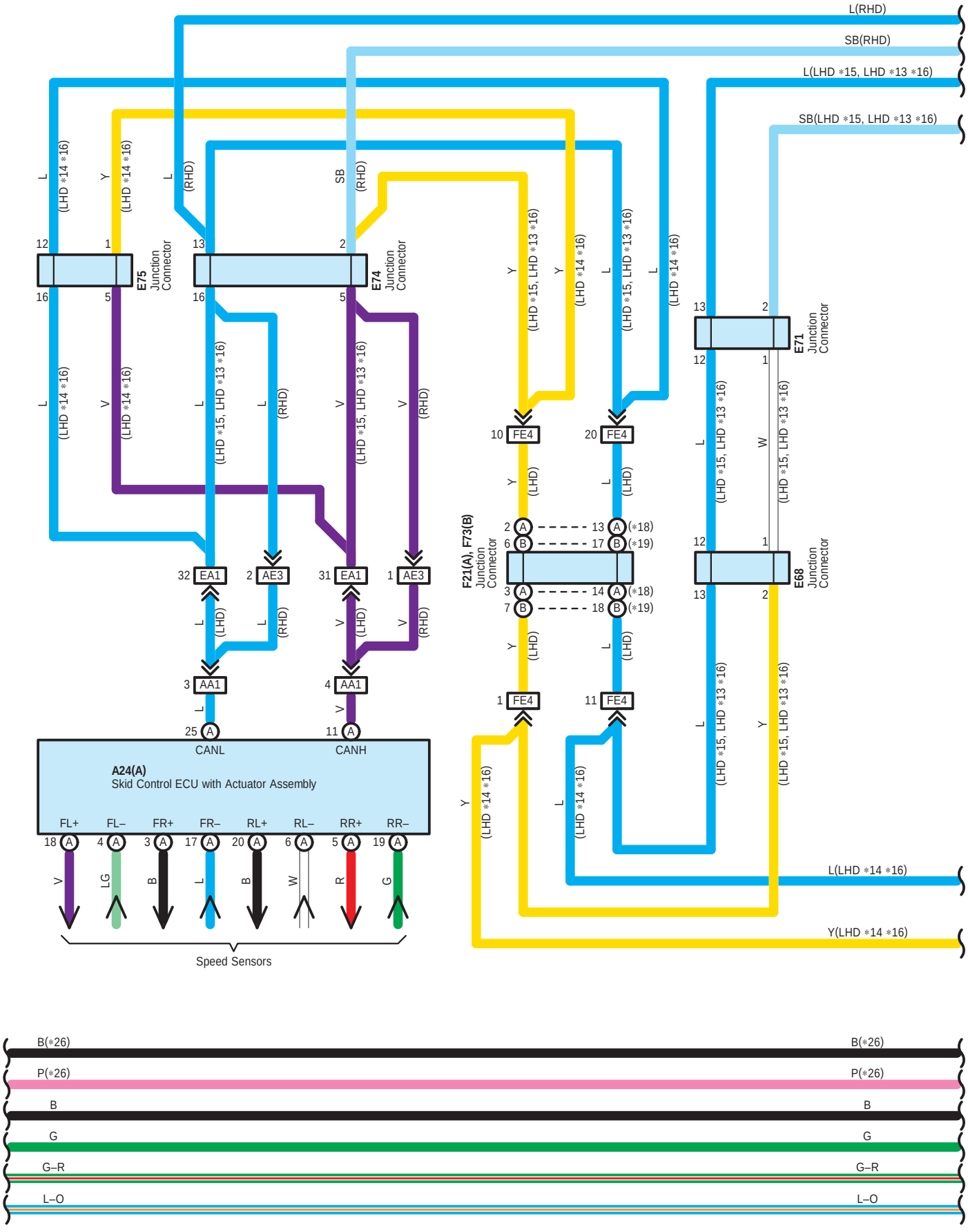

G(∗32)
Y(∗32)
R–B(∗21)
R(∗21)
G(∗32)
Y (∗32)
R–B (∗21)
R (∗21)
8 FE4
56 EA1
52 EA1
Y (∗32)
R (∗21)
R (∗21)
20 B
37 C
35 B
4 C
26 B (∗1)
22 C (∗2)
LIN1
PTC3
PTC2
E35(A), E36(B), E81(C), z53(D), z54(E)
A/C Amplifier Assembly
AC1
ACT
CANH
CANL
RLIN
BLWH
MGCA
PTC1
29 B
17 C
22 B
27 C
3 A
11 C
4 A
12 C (∗2)
21 B
17 B
34 B
24 C
27 B (∗1)
3 C (∗2)
L
G
G
B
L (∗1)
L (∗1)
Y (∗3)
R (∗21 ∗27)
W (∗21 ∗28)
52 EA3
16 EA1
51 EA3 (LHD)
15 EA1 (RHD)
75 EK2
53 EA1
51 EA1
L–O
G–R
L (∗1)
Y (∗3)
R–B(∗21 ∗27)
W(∗21 ∗28)
Y(∗3)
L(∗1)
L(∗1)
G(∗28 ∗3)
G(∗27 ∗3)
G(∗28 ∗3)
G(∗27 ∗3)
B
G
G–R
L–O

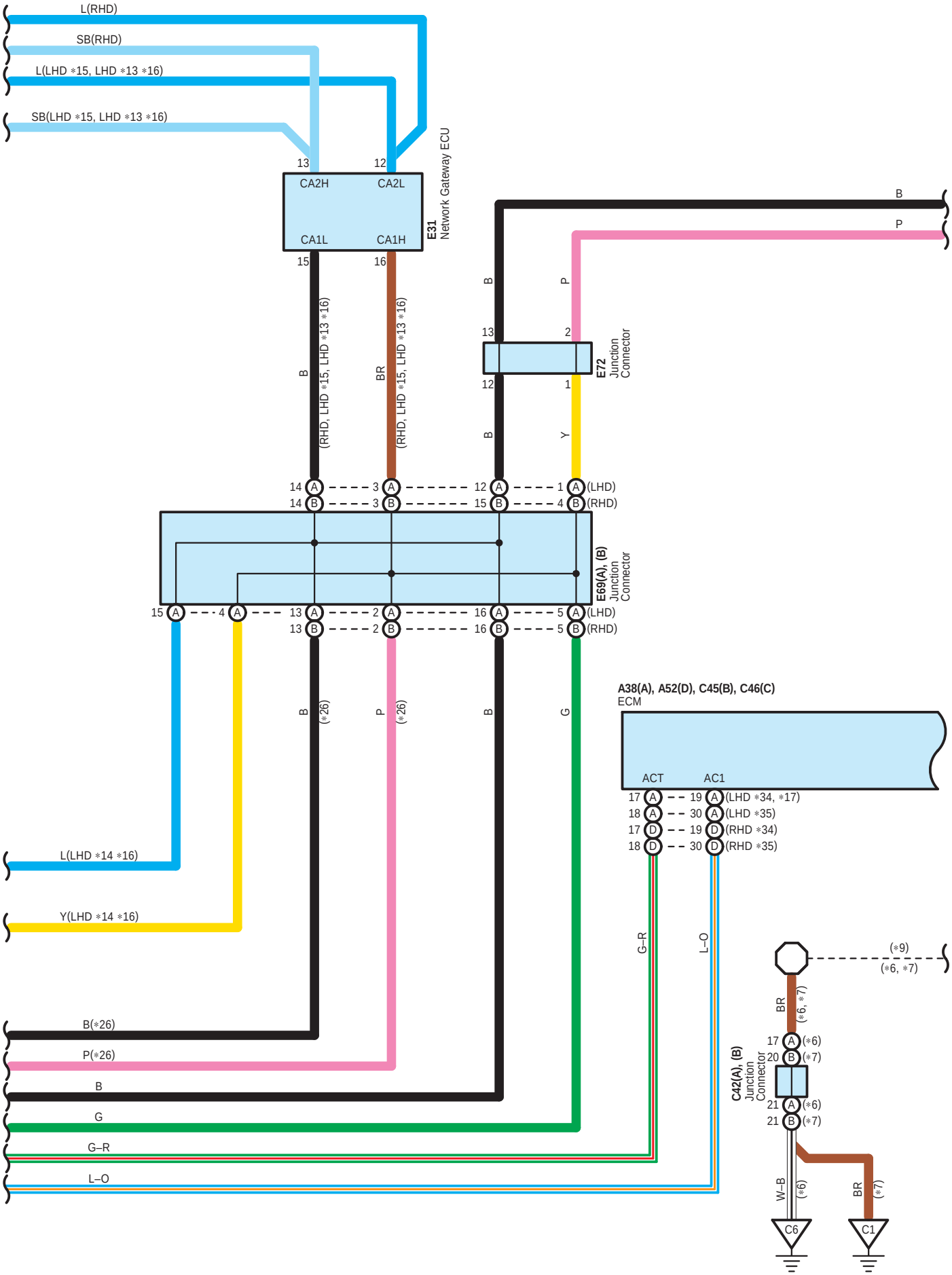

(BAT)
50A
RR AUTO
A/C
2
1
(IG)
10A
ECU–IG
No. 2
7
2D
∗ 1 : w/ Rear A/C
∗ 2 : w/o Rear A/C
∗ 3 : w/ Viscous Heater
∗21 : w/ PTC Heater
∗27 : Before Jan. 2012 Production
∗28 : From Jan. 2012 Production
∗32 : w/o Navigation System
G(∗32)
Y(∗32)
R–B(∗21)
R(∗21)
R–B(∗21 ∗27)
W(∗21 ∗28)
Y(∗3)
L–R
(∗1)
2
AK3
1
Kz1
L
51
A
61
E60(A)
Junction
Connector
G
(∗28 ∗3)
(∗27 ∗3)
E55
No. 2 A/C Control Assembly
IG
Rear A/C
Control Switch
RLIN
E
z51
Blower Motor Control
3
6
2
W
B–Y
8
11
GE2
4
L
1
W–B
70
E59
Junction
Connector
20
M
z49
Rear Blower with
Fan Motor
Sub–Assembly
(∗1 LHD)
13
E62
Junction
Connector
(∗1 RHD)
L(∗1)
B
G–R
L–O
K2
E1
E3


(BAT)
7. 5A
PWR HTR
50A
PTC–1
50A
PTC–2
50A
PTC–3
G(∗32)
Y(∗32)
R–B(∗21)
R(∗21)
R–B(∗21 ∗27)
W(∗21 ∗28)
Y(∗3)
VSCS HTR
Relay
PTC HTR1
Relay
PTC HTR2
Relay
PTC HTR3
Relay
EA2
CA1
MG+
C98
Viscous with Magnet
Clutch Heater Assembly
A34
Junction
Connector
E33(A), E34(B)
Quick Heater Assembly
E33(A), E34(B), E110(C)
Quick Heater Assembly
A3
A1
E3
E1
E2
E3


F10
A/C Control Assembly
IG+
LIN1
GND
PTP+
PTP–
SG
7
5
1
10
3
2
G
Y
W–B
L
W
GR
(∗32)
G(∗32)
Y(∗32)
L(∗26)
W(∗26)
GR(∗26)
5
3
4
UP
DOWN
SE
F17
Temperature Control
Switch Assembly RH
∗ 3 : w/ Viscous Heater
∗21 : w/ PTC Heater
∗26 : w/ Navigation System
∗27 : Before Jan. 2012 Production
∗28 : From Jan. 2012 Production
∗32 : w/o Navigation System
∗37 : w/ PTC Heater From Jan. 2012 Production China 1GR–FE
∗38 : w/ PTC Heater Except From Jan. 2012 Production China 1GR–FE
B
G
G–R
L–O
F1

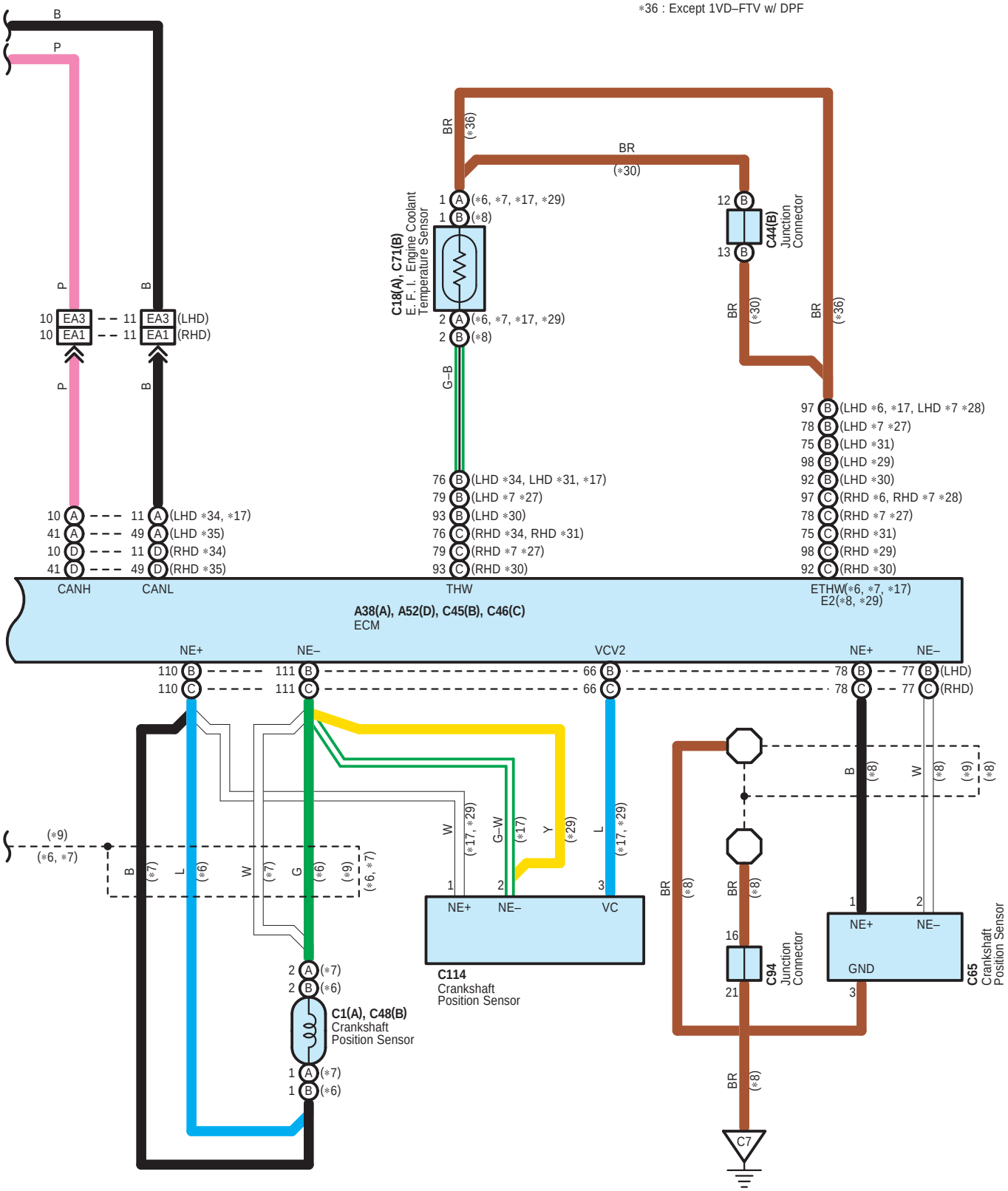

F10
A/C Control Assembly
DTP+
DTP–
S5
12
11
9
R
G
B
(∗32)
L(∗26)
W(∗26)
GR(∗26)
B(∗26)
G(∗26)
R(∗26)
8 A
9 D
9 F
7 A
8 D
8 F
3 A
3 D
3 F
5 A
6 D
6 F
6 A
7 D
7 F
2 A (∗11)
2 D (∗12)
2 F (∗28)
BGND
TES–
TES+
AGND
TEC–
TEC+
3
5
4
UP
DOWN
SE
CANH
CANL
TX–
TX+
26 B
21 E
25 B (∗11)
22 E (∗12)
19 C
7 C (∗28)
F31(A), F28(B)
Multi–Display
F63(D), F64(E)
Display & Navigation
Module Display
F79(C), F90(F)
Multi–Display Assembly
F16
Temperature Control
Switch Assembly LH
P
B
W
B
(∗26 ∗27)
(∗26 ∗27)
(∗26 ∗28)
(∗26 ∗28)
46 A
45 A
TX3–
TX3+
CANH
CANL
1 A
2 A
F77(A)
Multi–Media Module
Receiver Assembly
P
B
(∗26 ∗28)
(∗26 ∗28)
6 FE4
16 FE4
∗11 : Before Jul. 2009 Production
∗12 : From Jul. 2009 Production until Jan. 2012 Production
∗13 : Before Apr. 2010 Production
∗14 : From Apr. 2010 Production
∗15 : w/ VSC
∗16 : w/o VSC
∗18 : Before Jan. 2012 Production Liftgate Type
∗19 : From Jan. 2012 Production Liftgate Type, Swing Type
∗26 : w/ Navigation System
∗27 : Before Jan. 2012 Production
∗28 : From Jan. 2012 Production
∗32 : w/o Navigation System
B(∗26)
P(∗26)
B
G
G–R
L–O
B
G
G–R
L–O


L(RHD)
SB(RHD)
L(LHD *15, LHD *13 *16)
SB(LHD *15, LHD *13 *16)
E75 Junction Connector
E74 Junction Connector
E71 Junction Connector
E68 Junction Connector
F21(A), F73(B) Junction Connector
A24(A)
Skid Control ECU with Actuator Assembly
CANL
CANH
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
Speed Sensors
L(LHD *14 *16)
Y(LHD *14 *16)
B(*26)
P(*26)
B
G
G–R
L–O

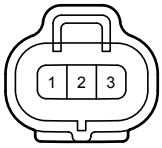

L(RHD)
SB(RHD)
L(LHD *15, LHD *13 *16)
SB(LHD *15, LHD *13 *16)
13
12
CA2H
CA2L
CA1L
CA1H
E31
Network Gateway ECU
15
16
B
(RHD, LHD *15, LHD *13 *16)
BR
(RHD, LHD *15, LHD *13 *16)
B
P
13
2
12
1
E72
Junction Connector
B
Y
14 A 3 A 12 A 1 A (LHD)
14 B 3 B 15 B 4 B (RHD)
E69(A), (B)
Junction Connector
15 A 4 A 13 A 2 A 16 A 5 A (LHD)
13 B 2 B 16 B 5 B (RHD)
B
(*26)
P
(*26)
B
G
A38(A), A52(D), C45(B), C46(C)
ECM
ACT
AC1
17 A 19 A (LHD *34, *17)
18 A 30 A (LHD *35)
17 D 19 D (RHD *34)
18 D 30 D (RHD *35)
L(LHD *14 *16)
Y(LHD *14 *16)
B(*26)
P(*26)
B
G
G–R
L–O
G–R
L–O
(*9)
(*6, *7)
BR
(*6, *7)
17 A (*6)
20 B (*7)
C42(A), (B)
Junction Connector
21 A (*6)
21 B (*7)
W–B
(*6)
BR
(*7)
C6
C1

∗ 6 : 2UZ–FE
∗ 7 : 1GR–FE
∗ 8 : 1VD–FTV
∗ 9 : Shielded
∗13 : Before Apr. 2010 Production
∗14 : From Apr. 2010 Production
∗15 : w/ VSC
∗16 : w/o VSC
∗17 : 3UR–FE

∗26 : w/ Navigation System
∗27 : Before Jan. 2012 Production
∗28 : From Jan. 2012 Production
∗29 : 1UR–FE
∗30 : 1VD–FTV w/ DPF
∗31 : 1VD–FTV w/o DPF
∗34 : 2UZ–FE, 1UR–FE, From Jan. 2012 Production 1GR–FE
∗35 : 1VD–FTV, Before Jan. 2012 Production 1GR–FE
∗36 : Except 1VD–FTV w/ DPF



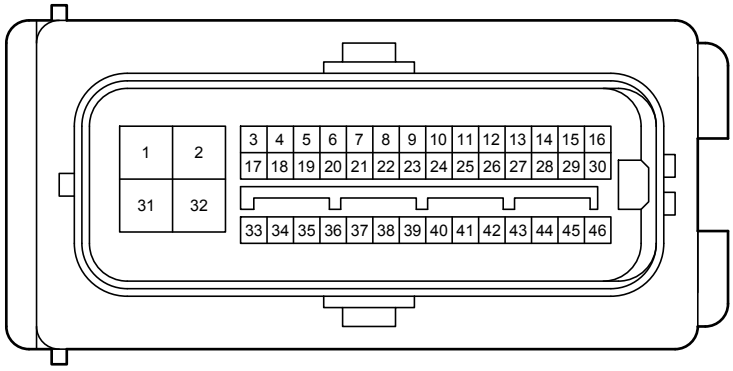
A 13
Black



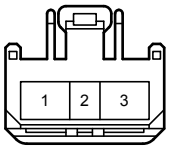
A 14
Black



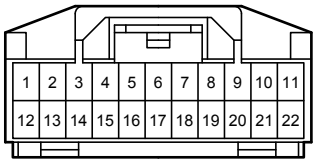
A 24
Black



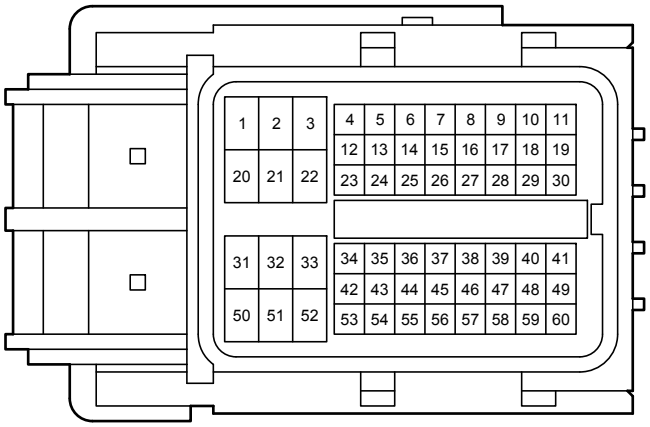
A 29
White



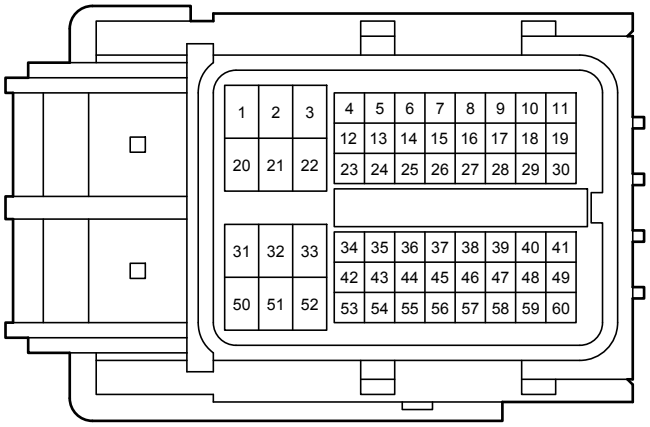
A 34
White



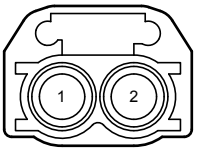
A 38
Black



A 52
Black



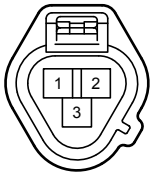
C 1
Black



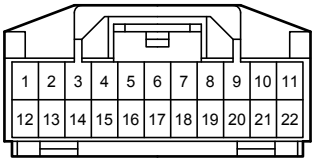
C 18
Dark Gray



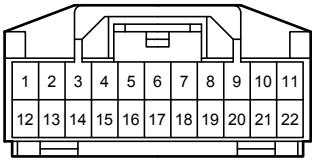
C 30
Gray



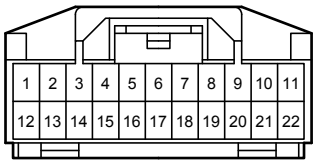
C 42
White



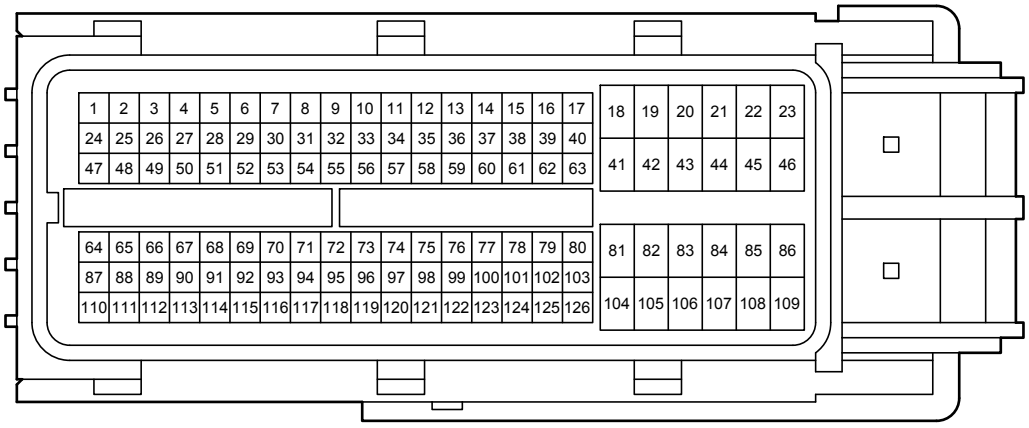
C 43
White



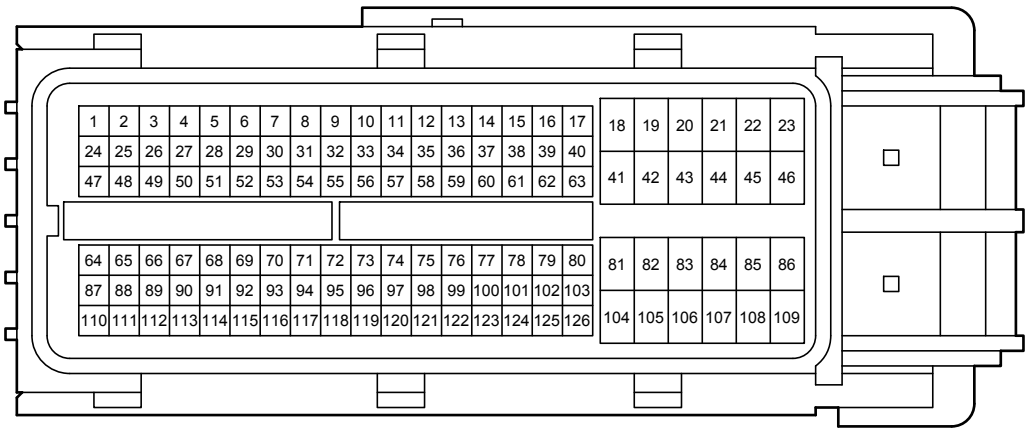
C 44
Blue



C 45
Black



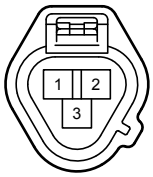
C 46
Black



C 48
Dark Gray



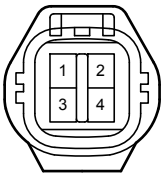
C 65
Black



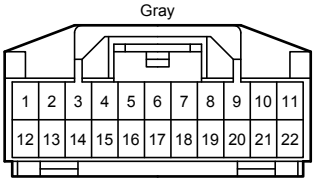
C 71
Gray



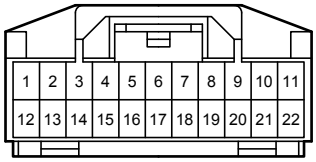
C 92
Black



C 94
Gray



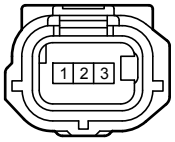
C 95
Black



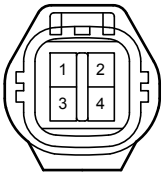
C 98
Gray



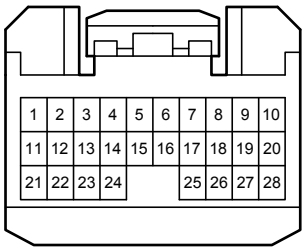
C114
Black



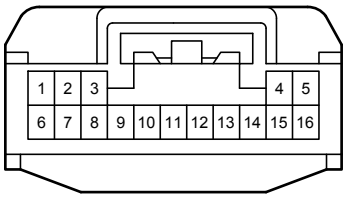
D 4
Black



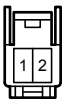
E 2
White



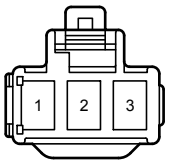
E 31
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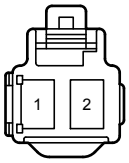
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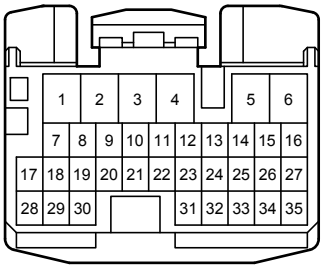
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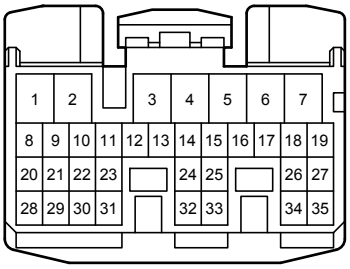
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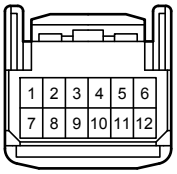
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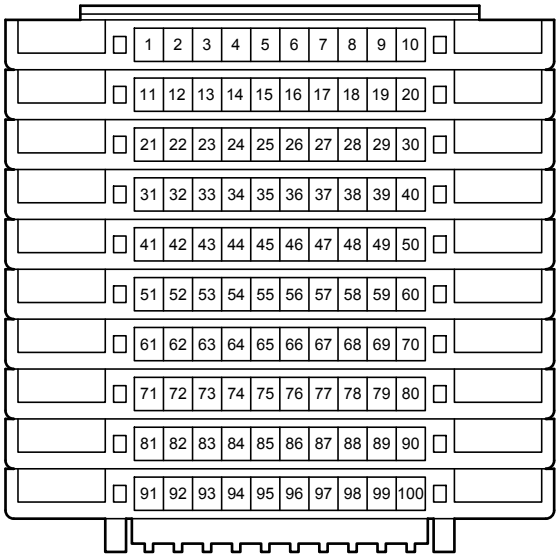
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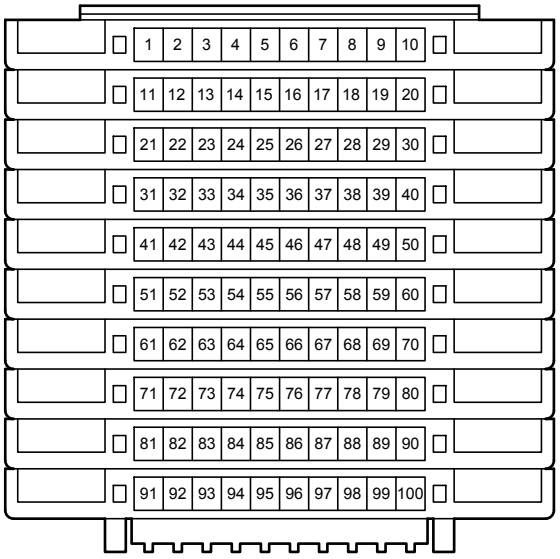
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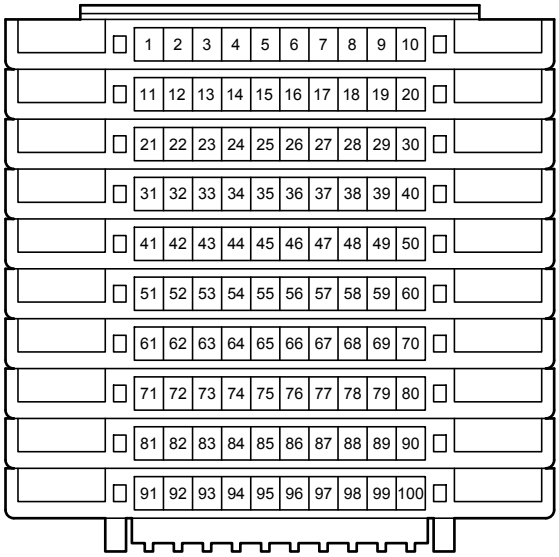
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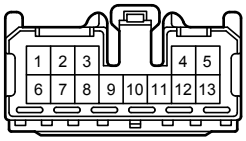
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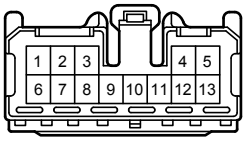
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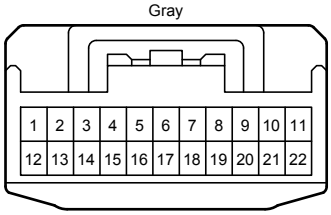
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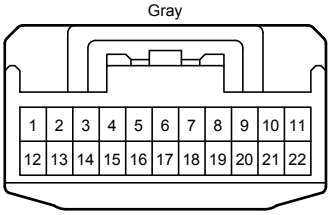
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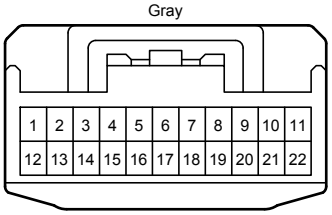
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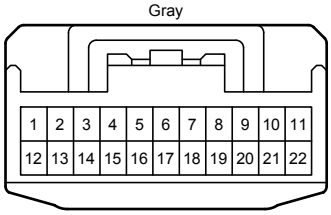
E 69
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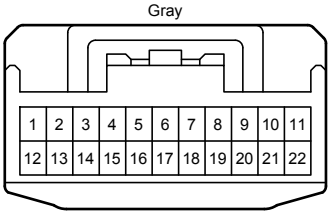
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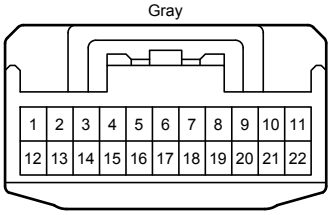
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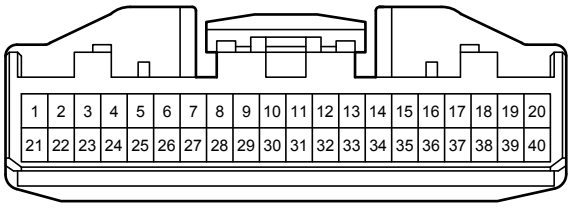
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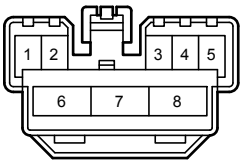
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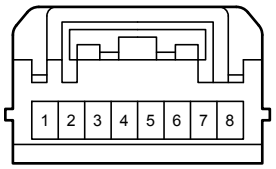
E 81
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E 89
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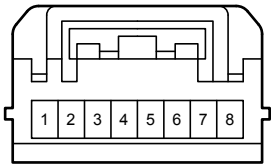
E 97
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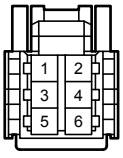
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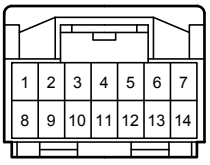
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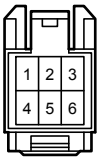
F 9
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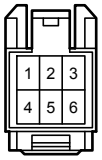
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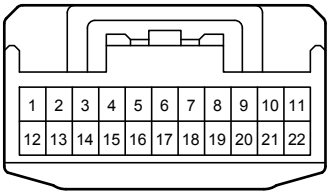
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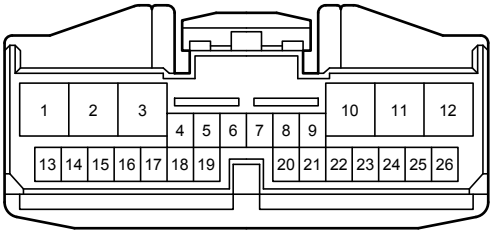
F 17
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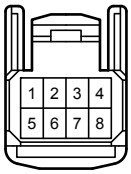
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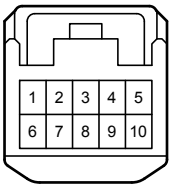
F 28
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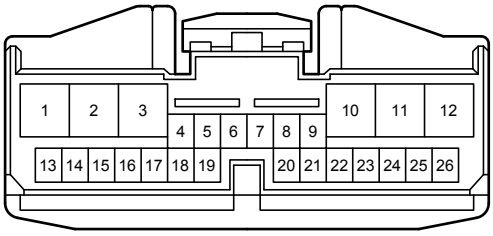
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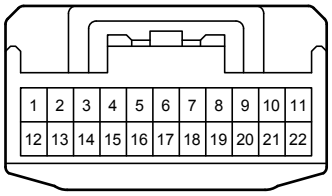
F 63
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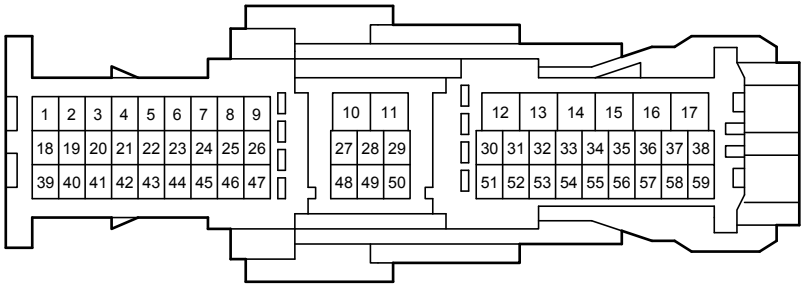
F 64
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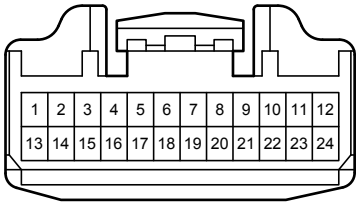
F 73
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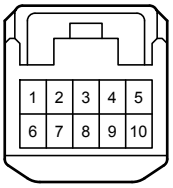
F 77
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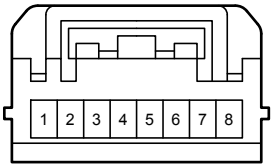
F 79
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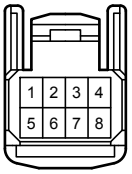
F 90
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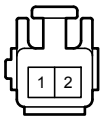
G 8
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K 19
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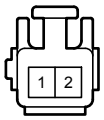
K 21
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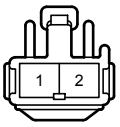
K 31
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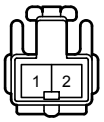
L 12
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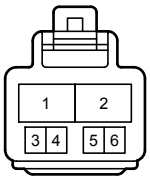
z 49
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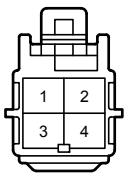
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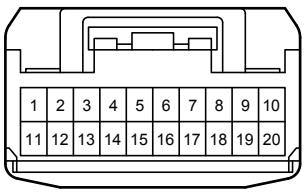
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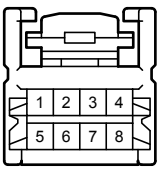
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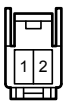
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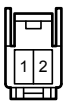
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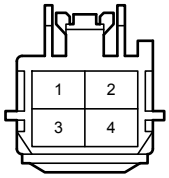
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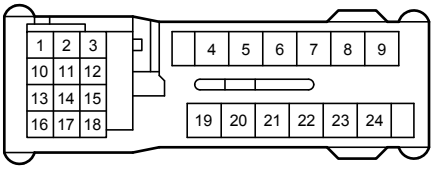
z 56
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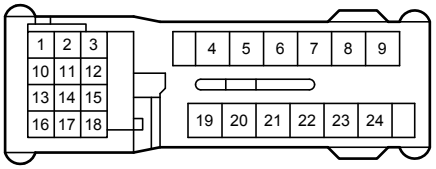
1H
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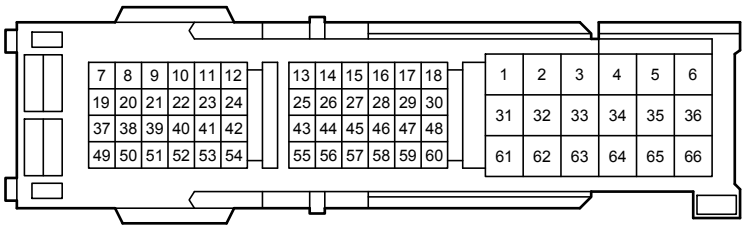
2B
White



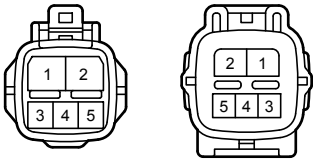
2C
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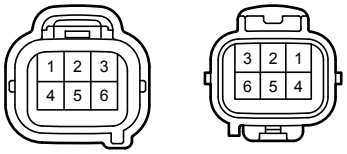
2D
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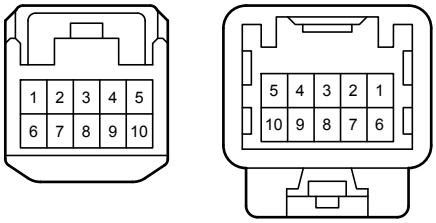
AA1
Gray



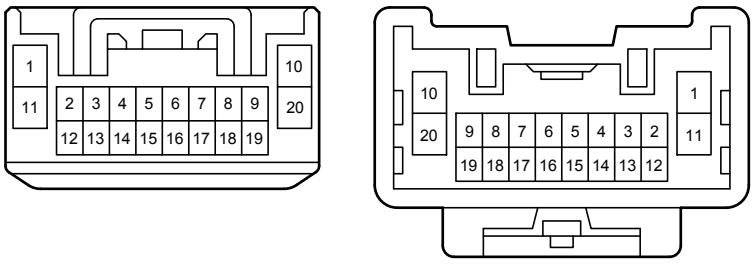
AD1
Black



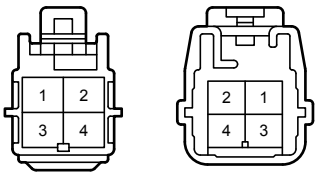
AE3
Gray



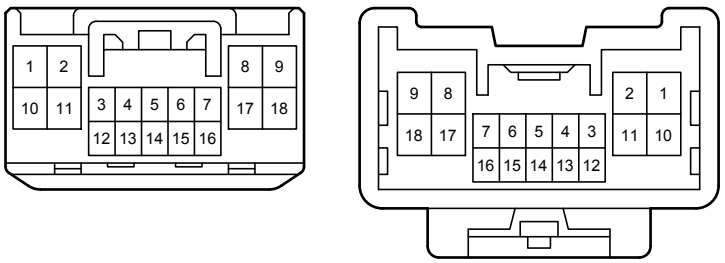
AK1
Blue



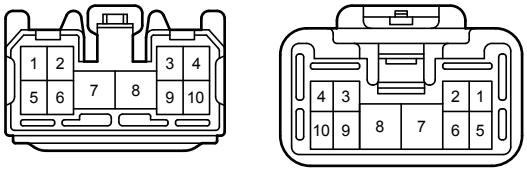
AK3
White



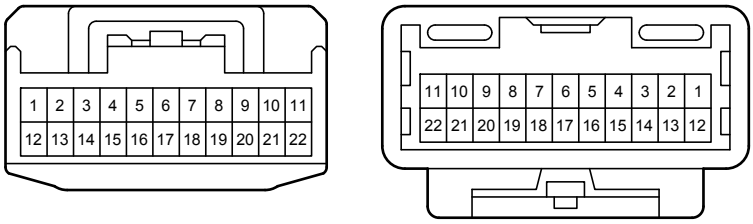
CA1
White



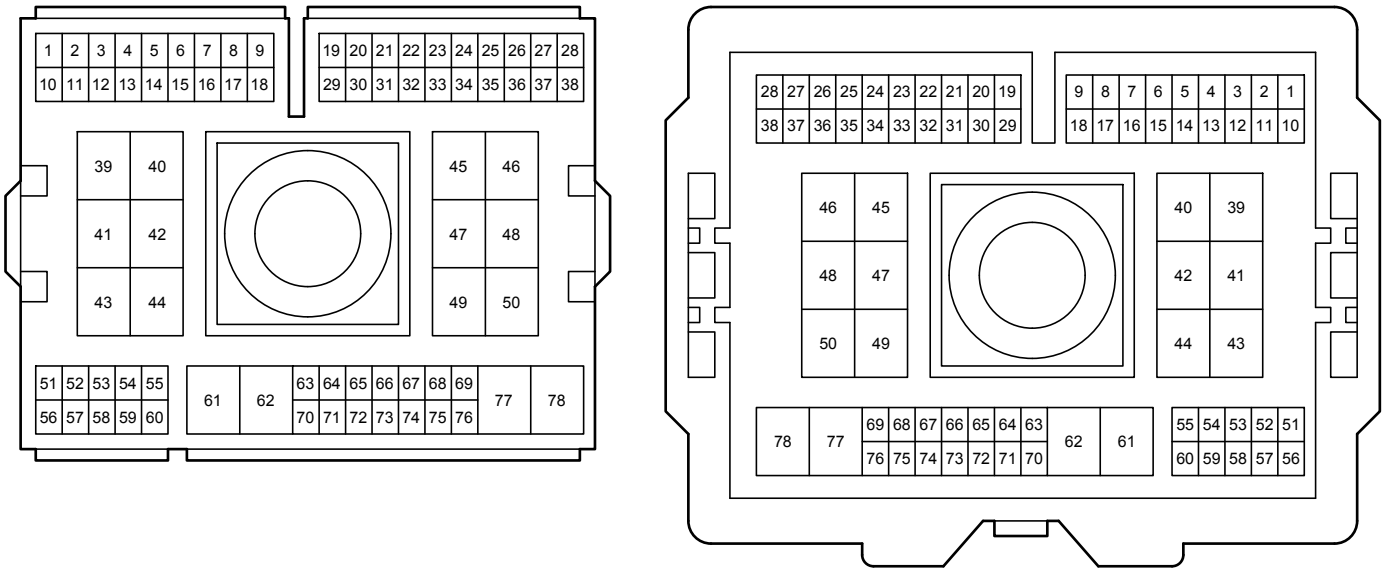
CA2
White



CA4
White

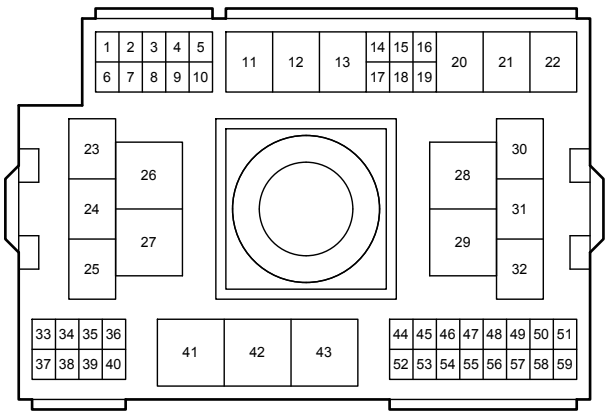


EA1
White

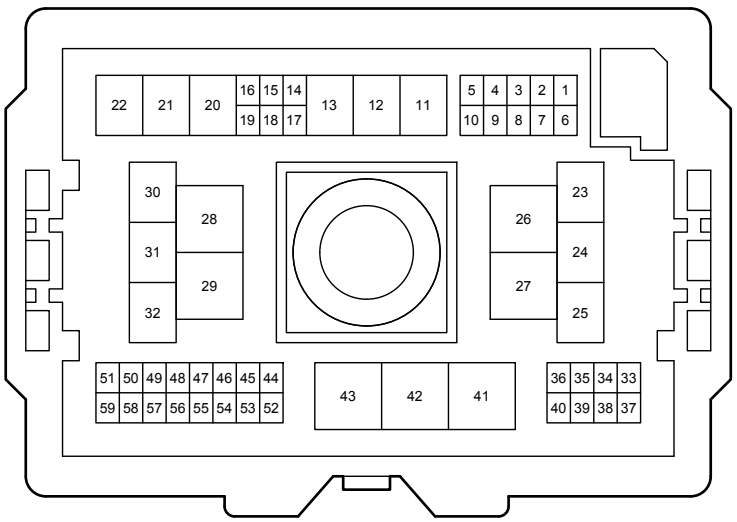


EA2

White

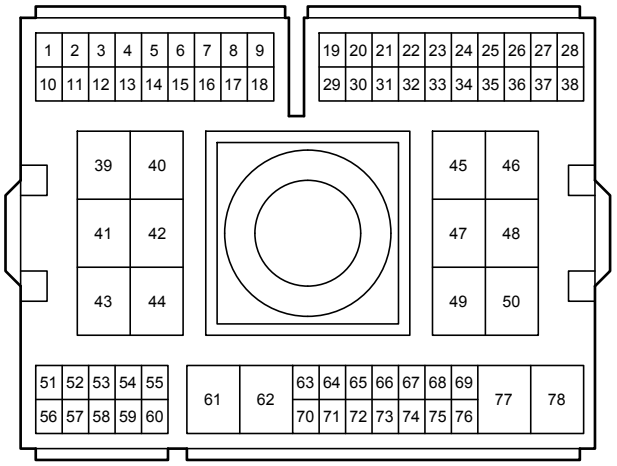


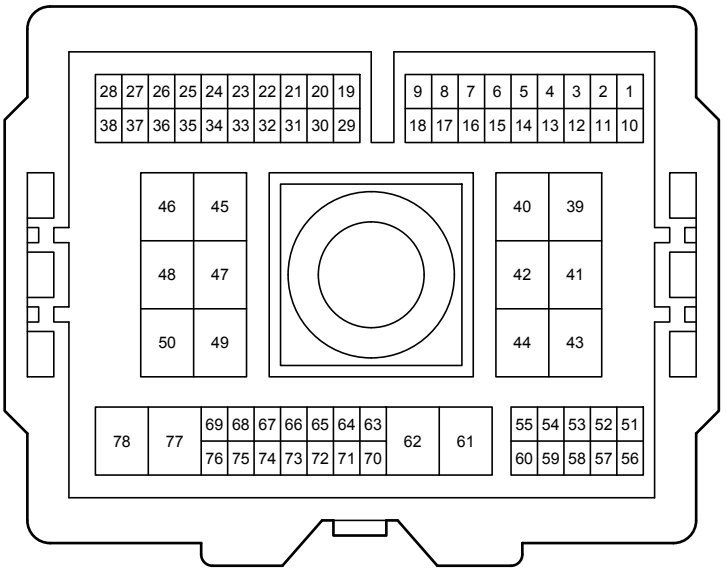
Gray



EA3

White

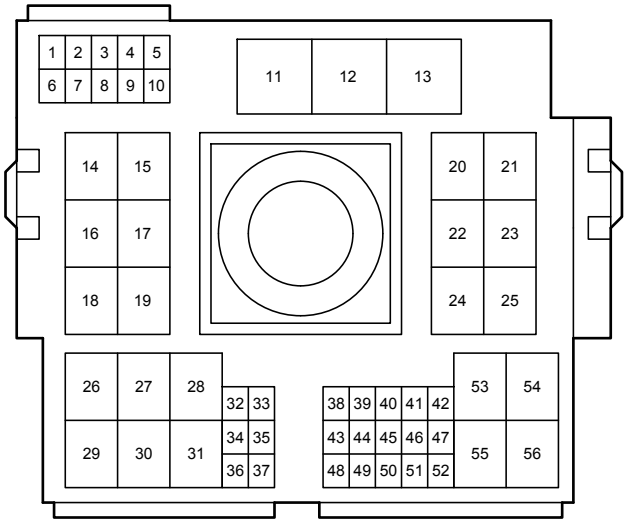


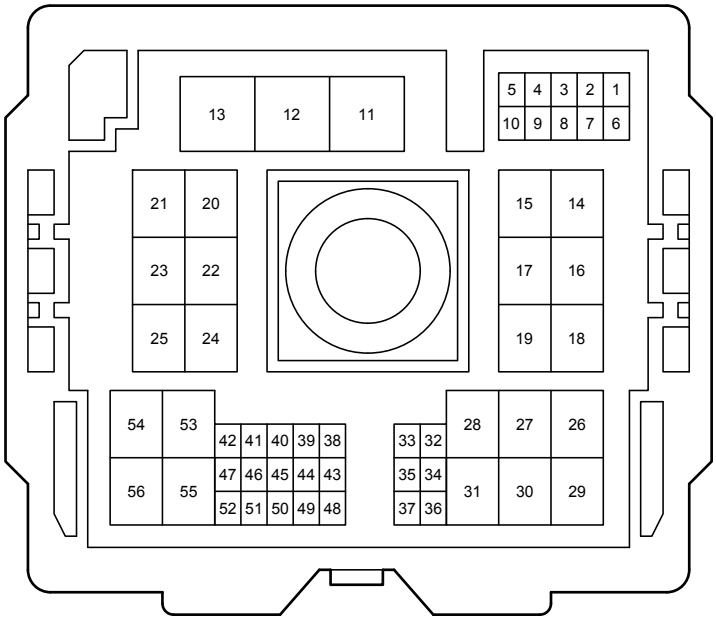


EK1

White

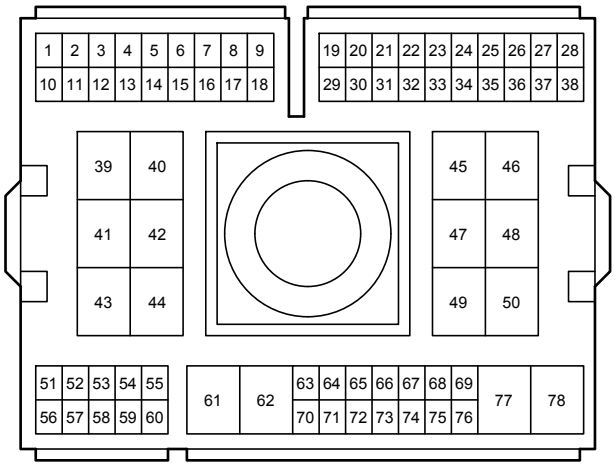
Blue

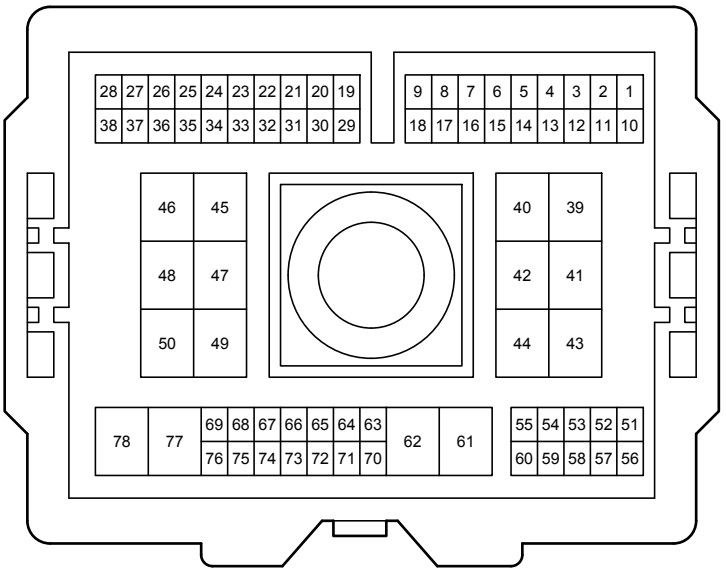




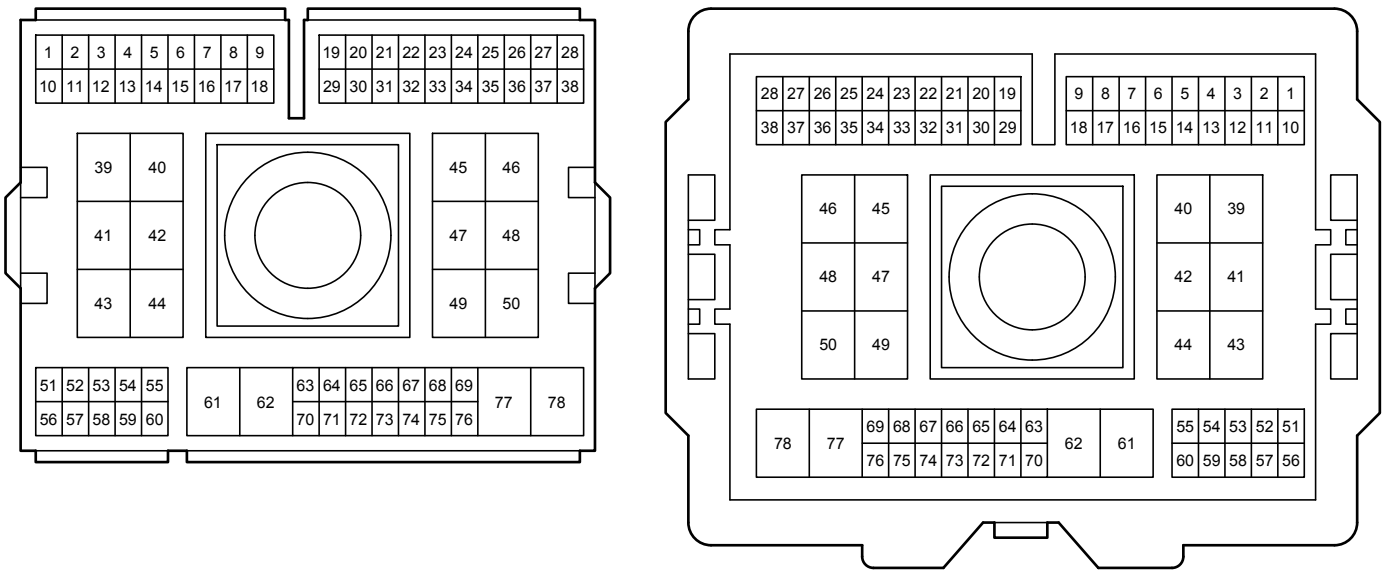
EK2

White

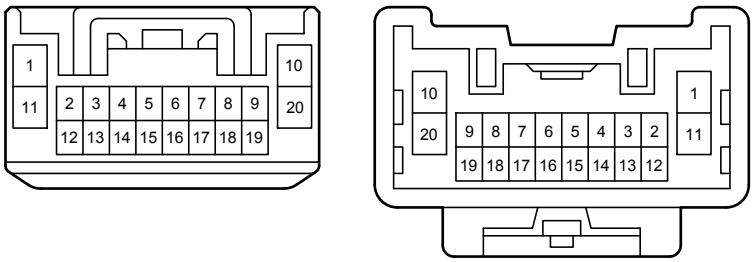




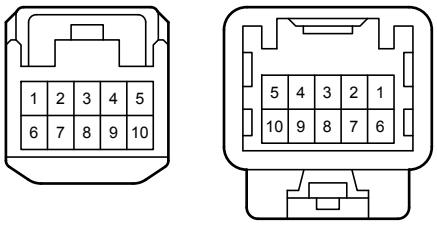
EL1
White



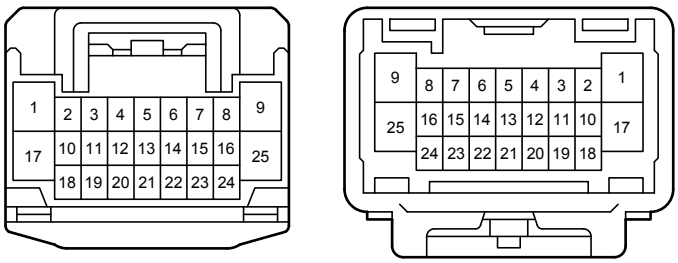
FE4
White



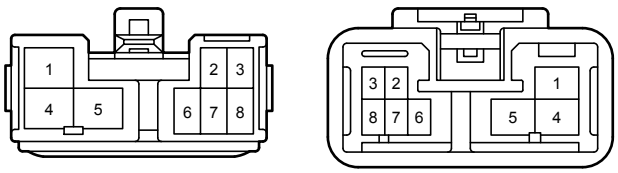
FE6
White



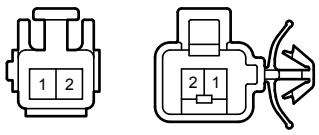
GE2
White

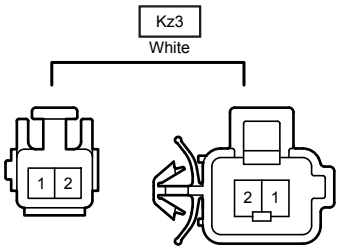


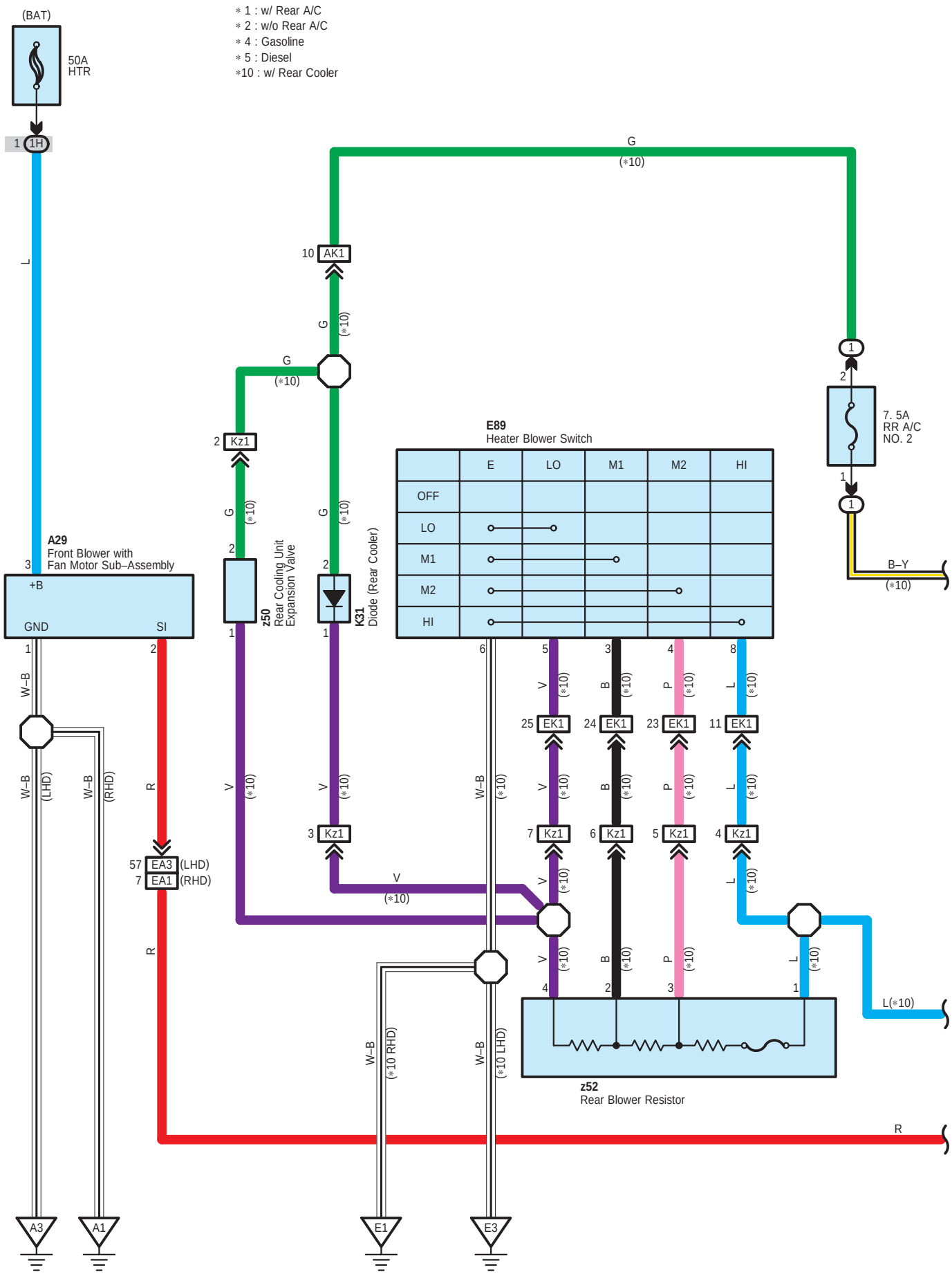
Kz1
Blue

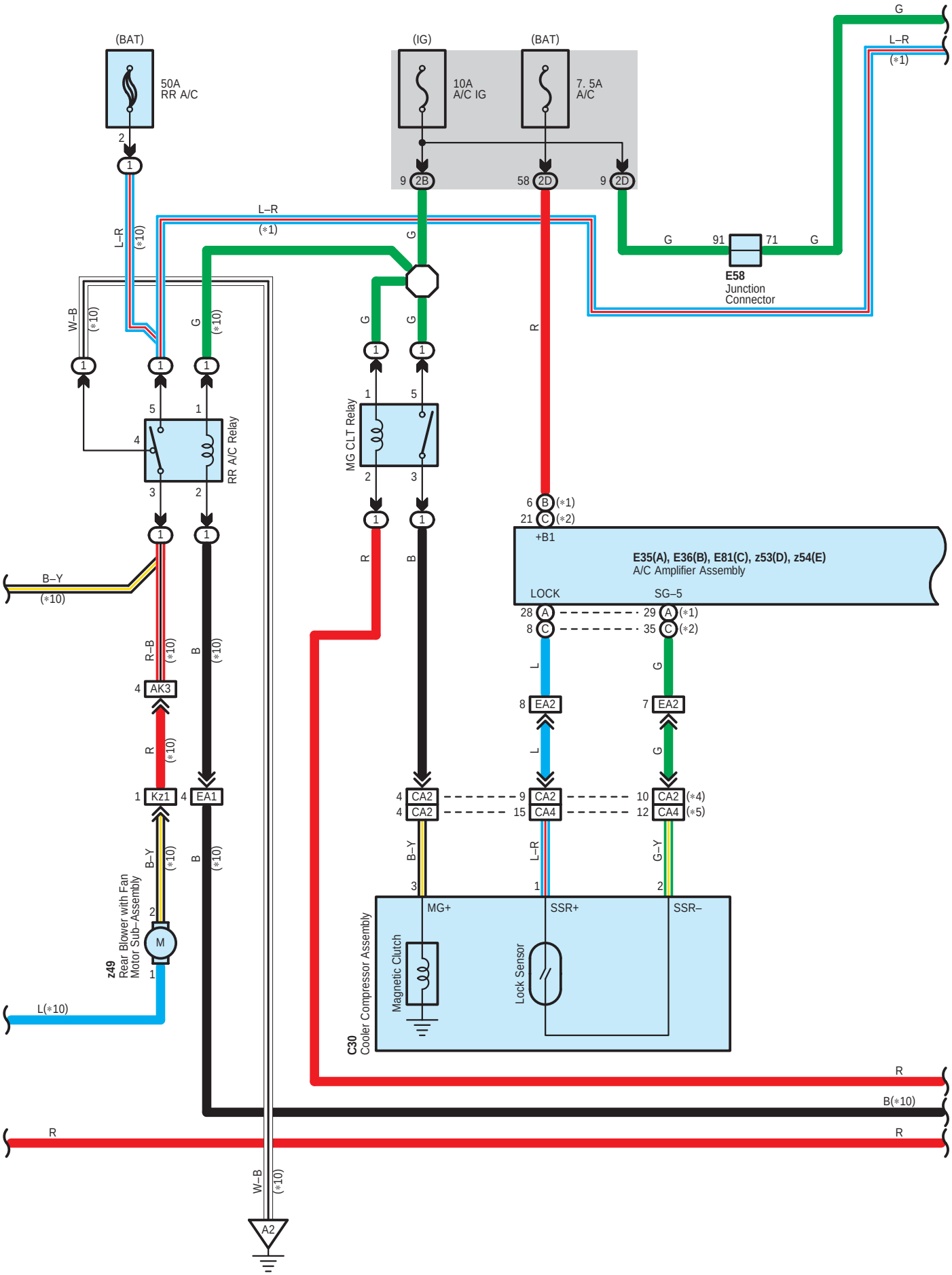


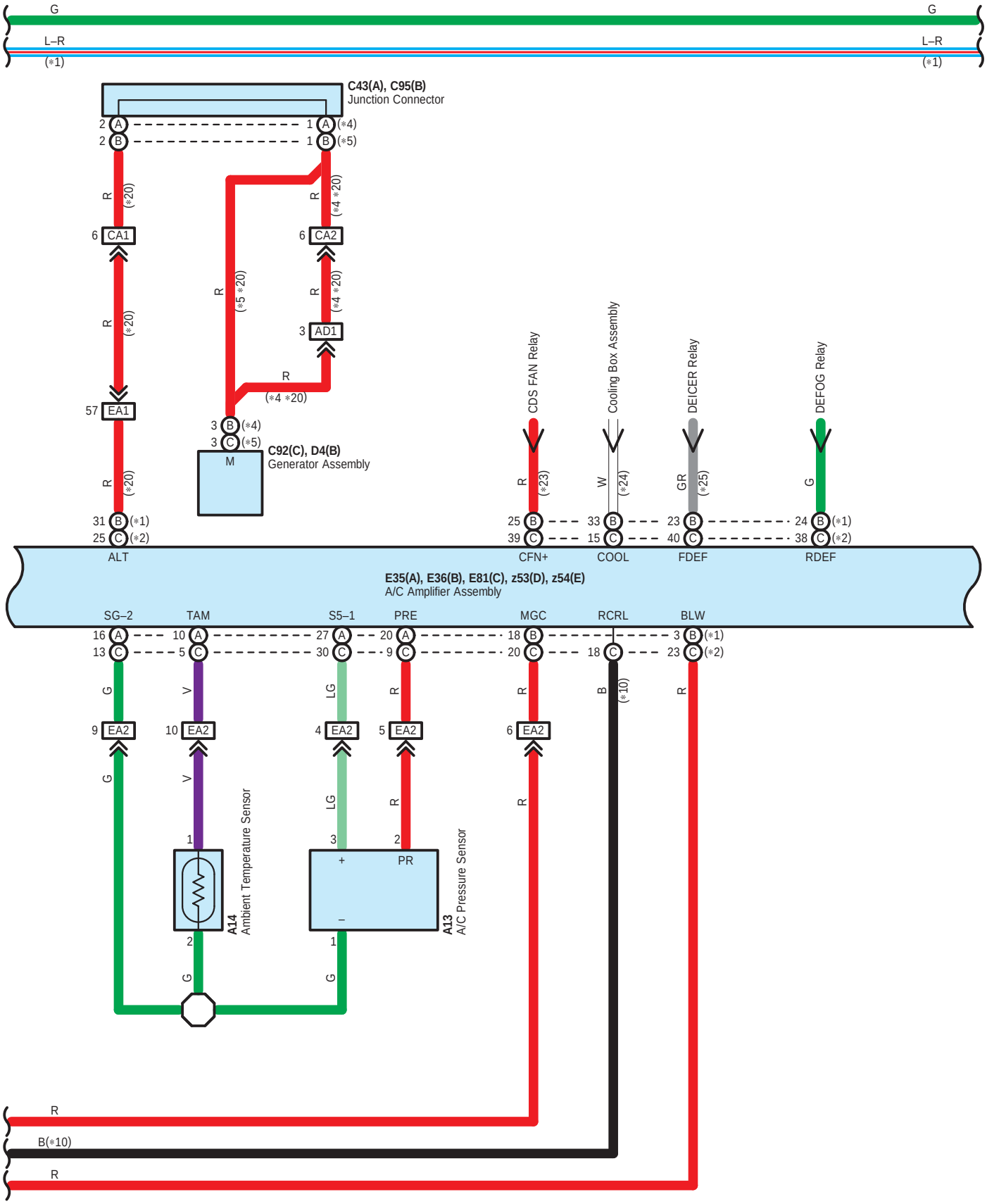
Kz2
White




Kz3
White
1
2
2
1

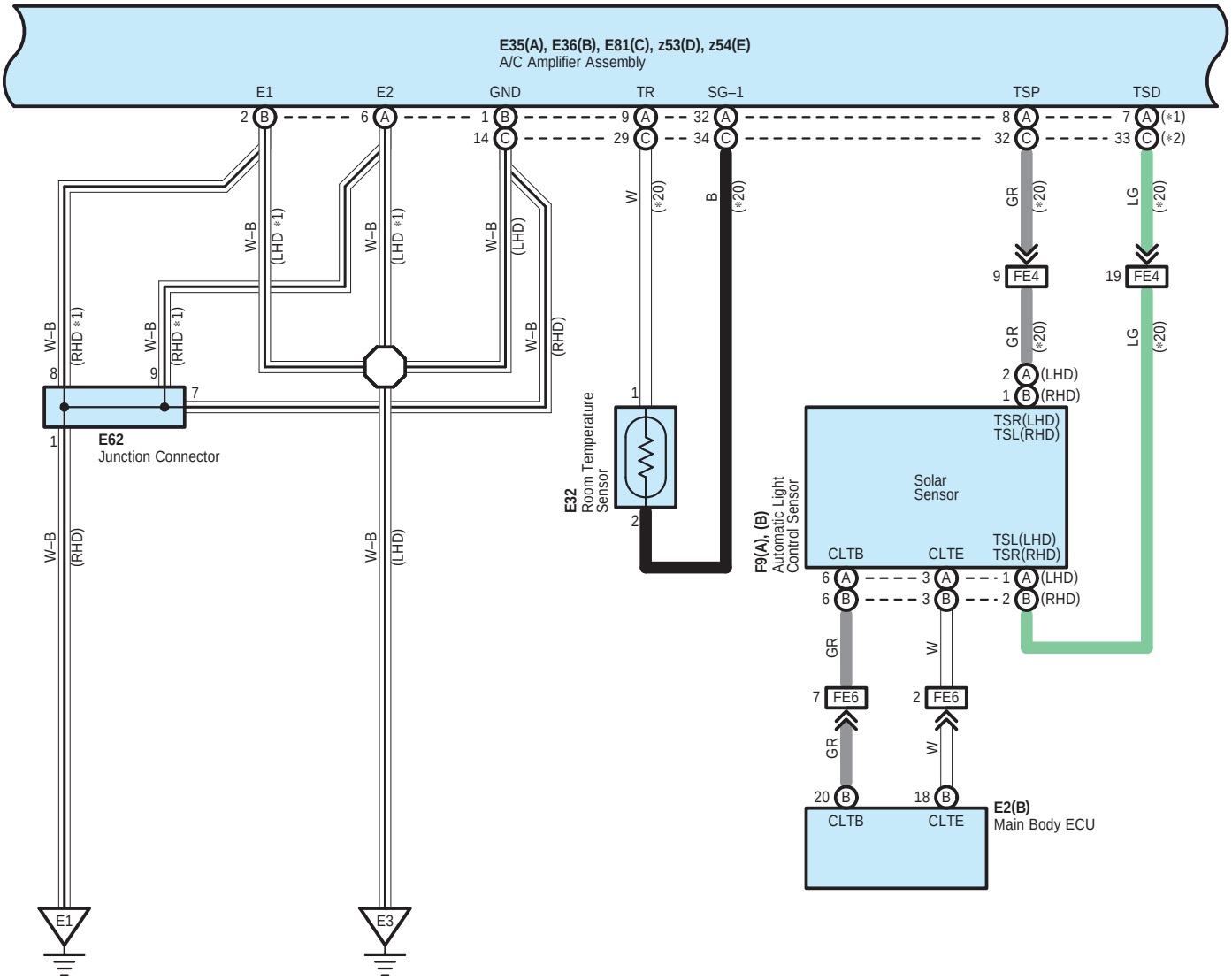

(BAT)
50A
HTR
1H
L
∗ 1 : w/ Rear A/C
∗ 2 : w/o Rear A/C
∗ 4 : Gasoline
∗ 5 : Diesel
∗10 : w/ Rear Cooler
G
(∗10)
10 AK1
2 Kz1
7. 5A
RR A/C
NO. 2
E89
Heater Blower Switch
E
LO
M1
M2
HI
OFF
B–Y
A29
Front Blower with
Fan Motor Sub–Assembly
+B
GND
SI
z50
Rear Cooling Unit
Expansion Valve
K31
Diode (Rear Cooler)
W–B
R
V
B
P
L
25 EK1
24 EK1
23 EK1
11 EK1
7 Kz1
6 Kz1
5 Kz1
4 Kz1
3 Kz1
57 EA3 (LHD)
7 EA1 (RHD)
(LHD)
(RHD)
z52
Rear Blower Resistor
L(∗10)
W–B (∗10 RHD)
W–B (∗10 LHD)
A3
A1
E1
E3


(BAT)
50A
RR A/C
(IG)
10A
A/C IG
(BAT)
7. 5A
A/C
G
L–R
(∗1)
E58
Junction
Connector
L–R
(∗10)
W–B
G
RR A/C Relay
MG CLT Relay
R
B
+B1
E35(A), E36(B), E81(C), z53(D), z54(E)
A/C Amplifier Assembly
LOCK
SG–5
B–Y
R–B
AK3
Kz1
EA1
EA2
CA2
CA4
L
G
B–Y
L–R
G–Y
z49
Rear Blower with Fan
Motor Sub–Assembly
C30
Cooler Compressor Assembly
MG+
SSR+
SSR–
Magnetic Clutch
Lock Sensor
L(∗10)
B(∗10)
A2

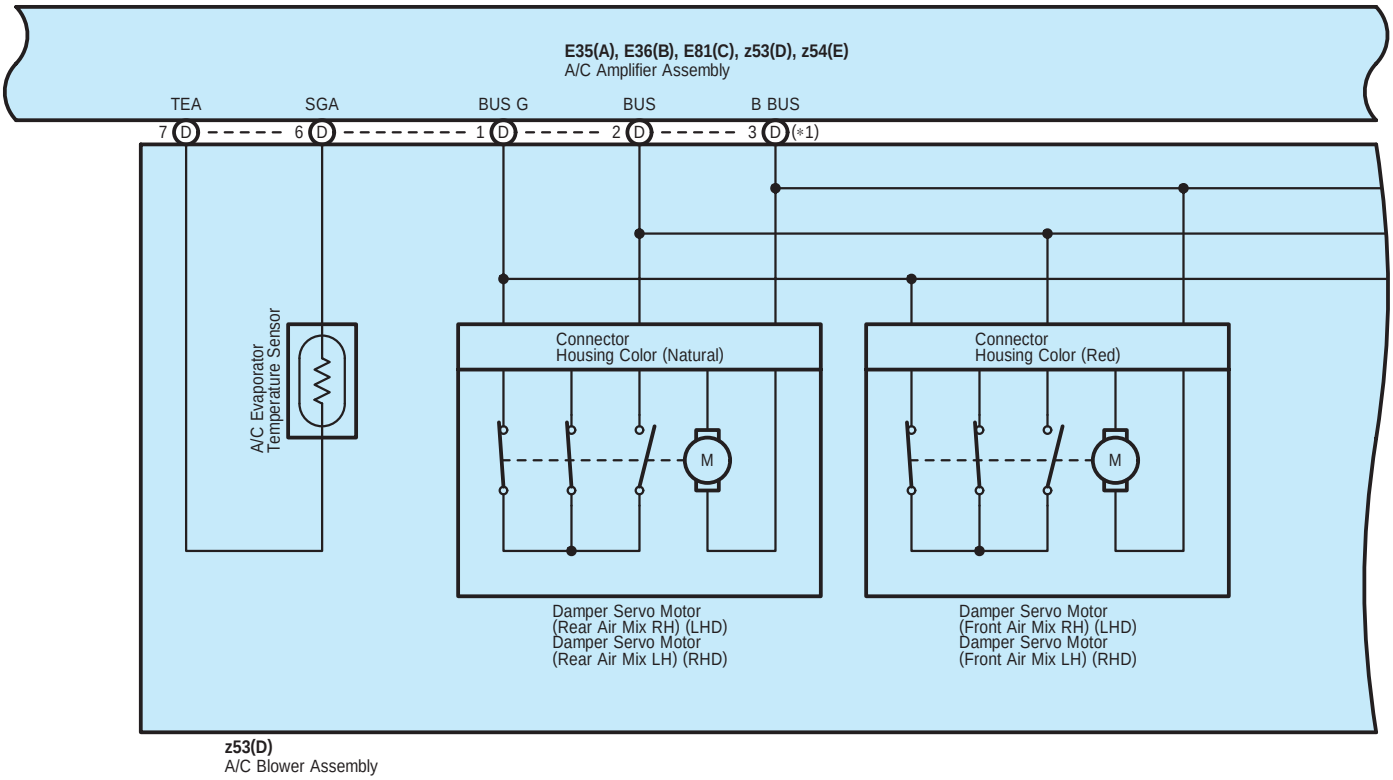

G
L–R
(*1)
G
L–R
(*1)
C43(A), C95(B)
Junction Connector
2 A
2 B
1 A (*4)
1 B (*5)
R (*20)
6 CA1
R (*20)
57 EA1
R (*20)
31 B (*1)
25 C (*2)
ALT
R (*5 *20)
R (*4 *20)
6 CA2
R (*4 *20)
3 AD1
R (*4 *20)
3 B (*4)
3 C (*5)
M
C92(C), D4(B)
Generator Assembly
CDS FAN Relay
R (*23)
25 B
39 C
CFN+
Cooling Box Assembly
W (*24)
33 B
15 C
COOL
DEICER Relay
GR (*25)
23 B
40 C
FDEF
DEFOG Relay
G
24 B (*1)
38 C (*2)
RDEF
E35(A), E36(B), E81(C), z53(D), z54(E)
A/C Amplifier Assembly
SG–2
TAM
S5–1
PRE
MGC
RCRL
BLW
16 A
13 C
10 A
5 C
27 A
30 C
20 A
9 C
18 B
20 C
18 C
3 B (*1)
23 C (*2)
G
V
LG
R
R
B (*10)
R
9 EA2
10 EA2
4 EA2
5 EA2
6 EA2
G
V
LG
R
R
1
2
A14
Ambient Temperature Sensor
3
2
+
PR
–
A13
A/C Pressure Sensor
2
1
G
G
R
B(*10)
R



∗ 1 : w/ Rear A/C
∗ 2 : w/o Rear A/C
∗ 4 : Gasoline
∗ 5 : Diesel
∗10 : w/ Rear Cooler
∗20 : Automatic Air Conditioner
∗23 : w/ Condenser Fan
∗24 : w/ Cool Box
∗25 : w/ Front Window Deicer

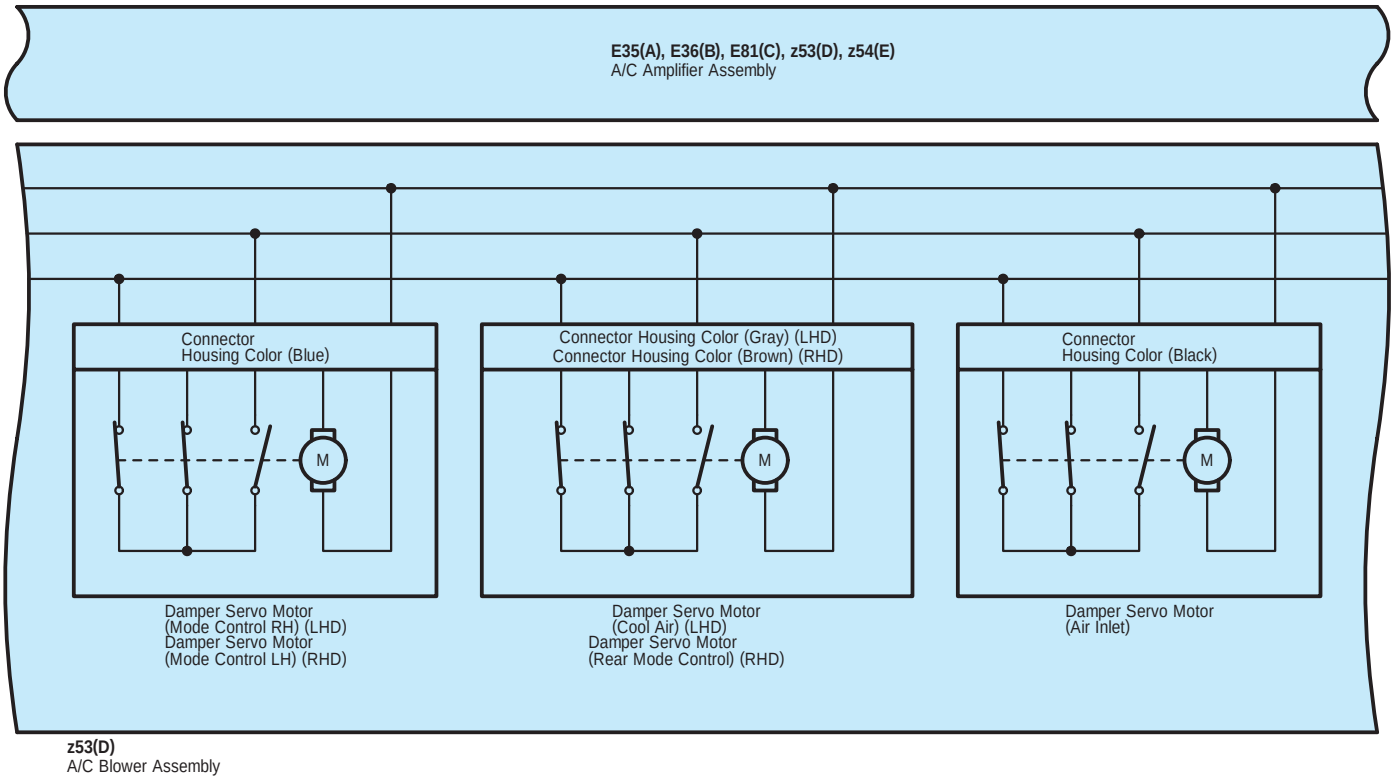



G
L–R
(*1)
G
L–R
(*1)


E35(A), E36(B), E81(C), z53(D), z54(E)
A/C Amplifier Assembly
TEA
SGA
BUS G
BUS
B BUS
7 D
6 D
1 D
2 D
3 D (*1)
A/C Evaporator Temperature Sensor
Connector Housing Color (Natural)
Connector Housing Color (Red)
M
M
Damper Servo Motor (Rear Air Mix RH) (LHD)
Damper Servo Motor (Rear Air Mix LH) (RHD)
Damper Servo Motor (Front Air Mix RH) (LHD)
Damper Servo Motor (Front Air Mix LH) (RHD)
z53(D)
A/C Blower Assembly

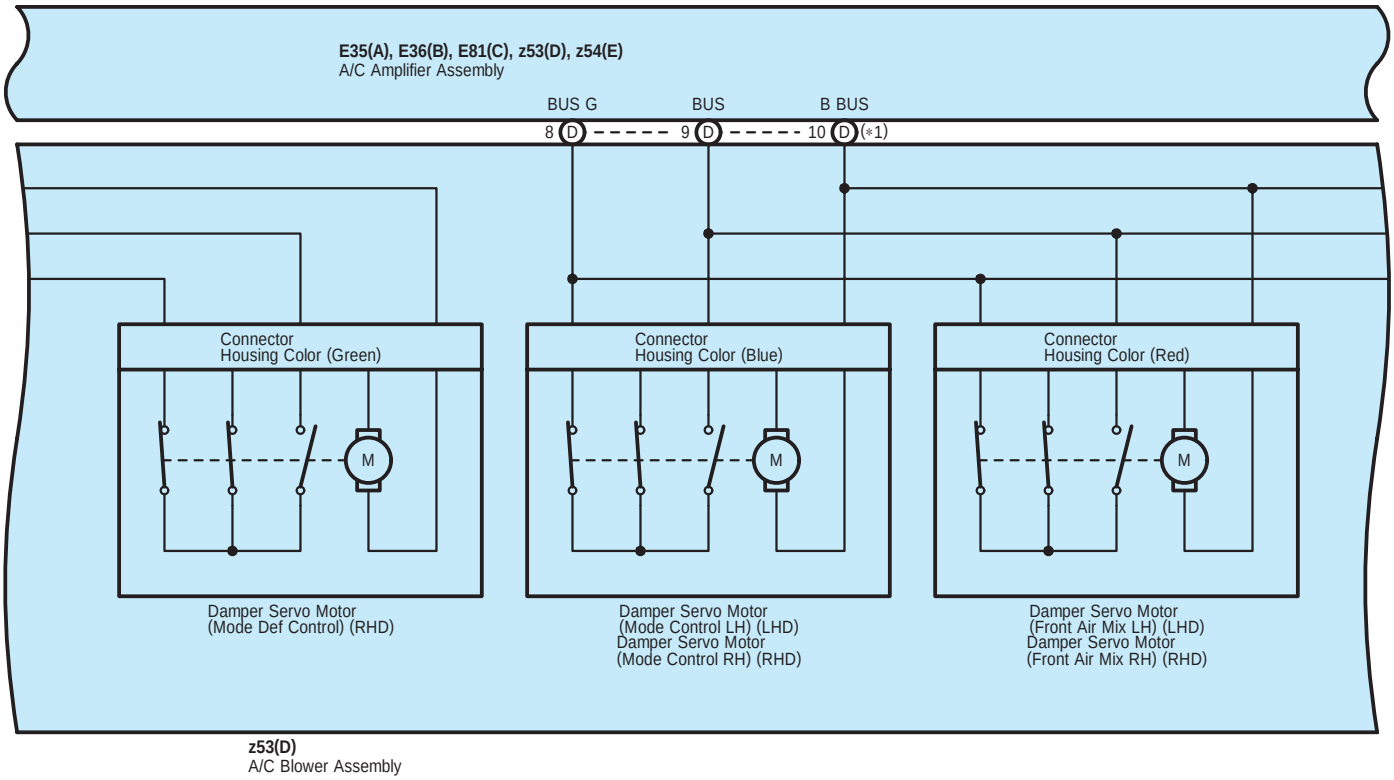


∗ 1 : w/ Rear A/C



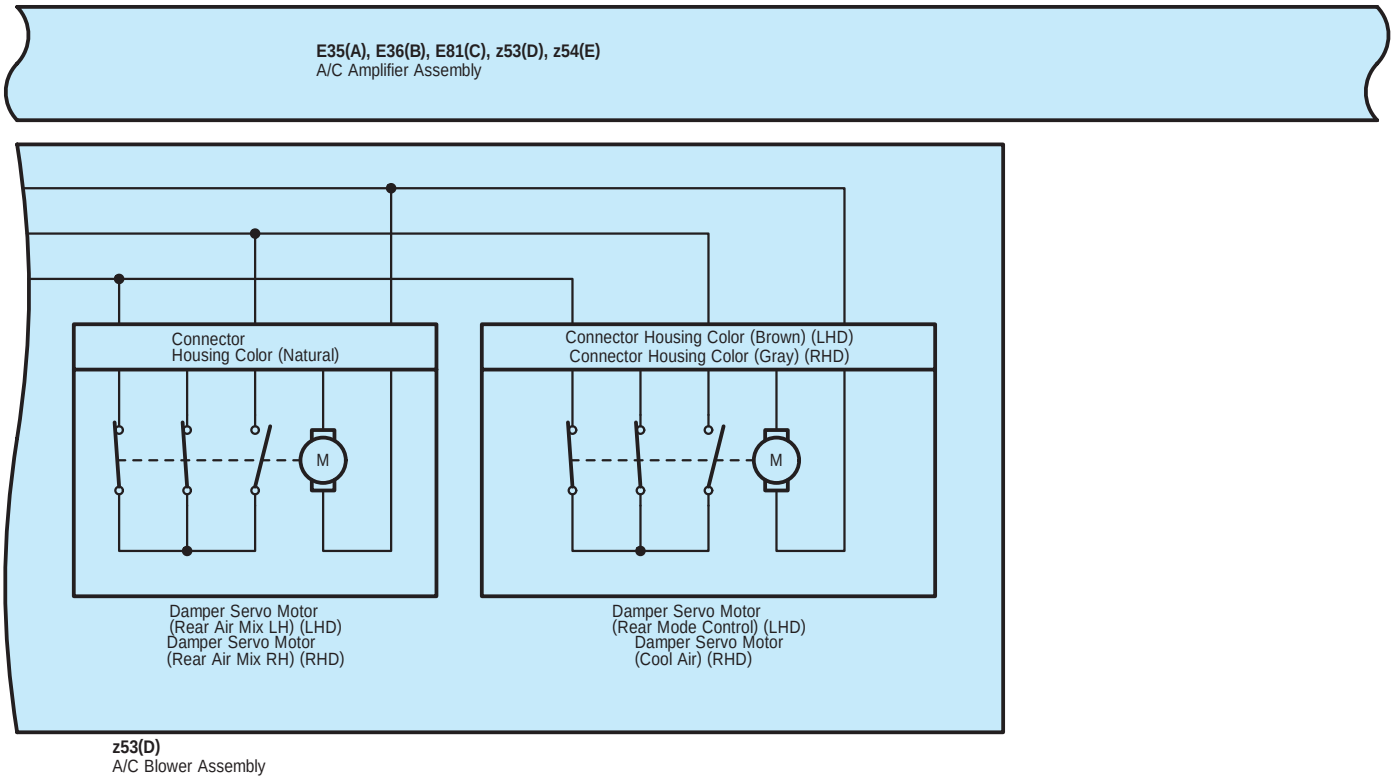
z53(D)
A/C Blower Assembly


G
L–R
(*1)
G
L–R
(*1)

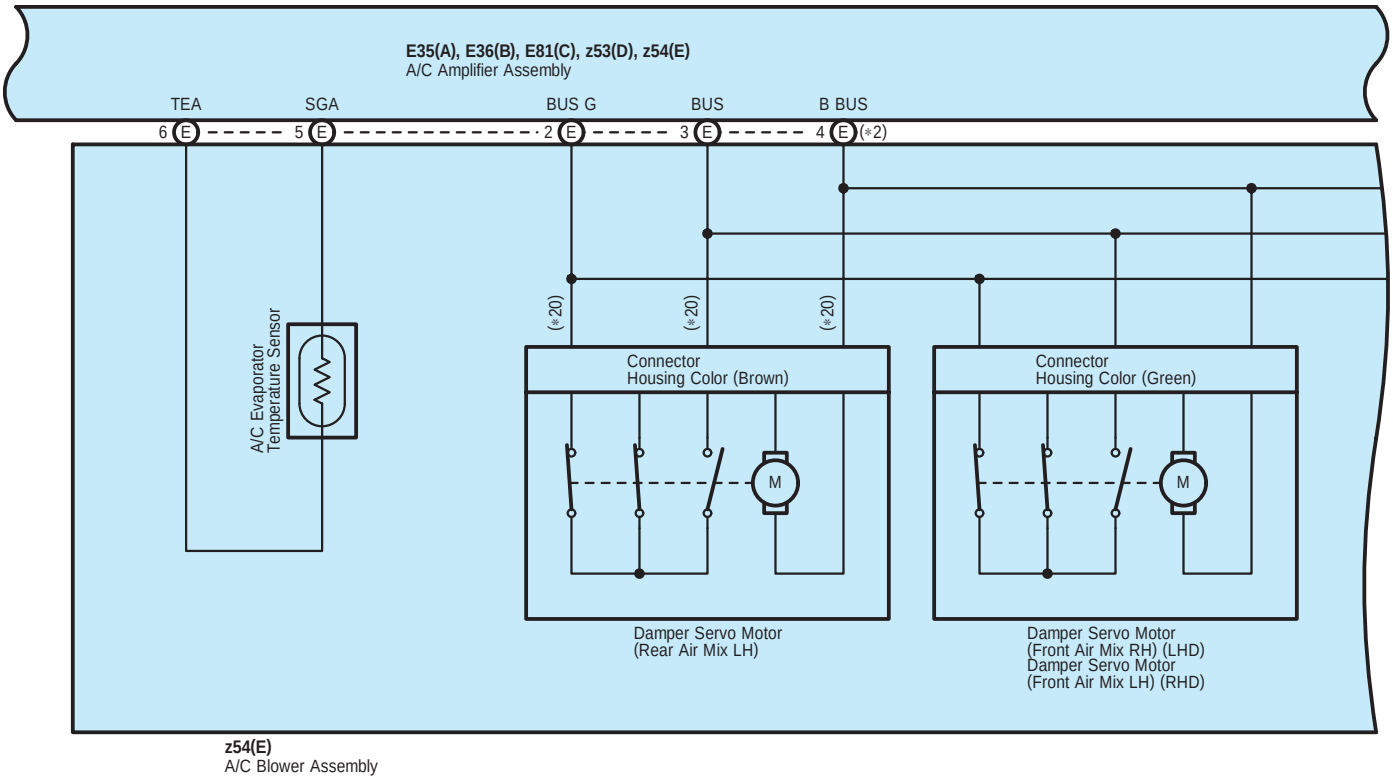

E35(A), E36(B), E81(C), z53(D), z54(E)
A/C Amplifier Assembly
BUS G
BUS
B BUS
8 D
9 D
10 D
(*1)
Connector
Housing Color (Green)
Connector
Housing Color (Blue)
Connector
Housing Color (Red)
M
M
M
Damper Servo Motor
(Mode Def Control) (RHD)
Damper Servo Motor
(Mode Control LH) (LHD)
Damper Servo Motor
(Mode Control RH) (RHD)
Damper Servo Motor
(Front Air Mix LH) (LHD)
Damper Servo Motor
(Front Air Mix RH) (RHD)
z53(D)
A/C Blower Assembly


G
L–R
(∗1)
G
L–R
(∗1)

∗ 1 : w/ Rear A/C

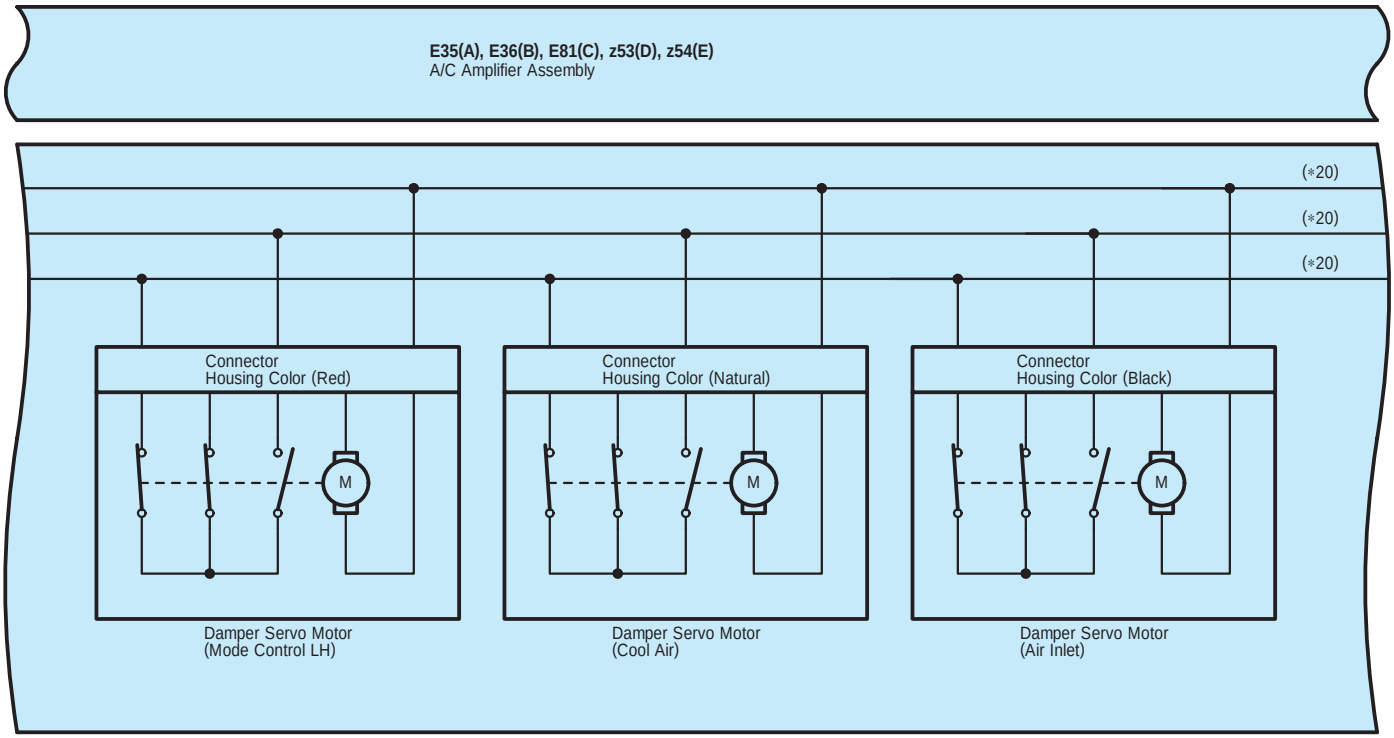

E35(A), E36(B), E81(C), z53(D), z54(E)
A/C Amplifier Assembly
Connector
Housing Color (Natural)
M
Damper Servo Motor
(Rear Air Mix LH) (LHD)
Damper Servo Motor
(Rear Air Mix RH) (RHD)
Connector Housing Color (Brown) (LHD)
Connector Housing Color (Gray) (RHD)
M
Damper Servo Motor
(Rear Mode Control) (LHD)
Damper Servo Motor
(Cool Air) (RHD)
z53(D)
A/C Blower Assembly


G
G
L–R
(*1)
L–R
(*1)


E35(A), E36(B), E81(C), z53(D), z54(E)
A/C Amplifier Assembly
TEA
SGA
BUS G
BUS
B BUS
6 E
5 E
2 E
3 E
4 E (*2)
(*20)
(*20)
(*20)
A/C Evaporator Temperature Sensor
Connector Housing Color (Brown)
Connector Housing Color (Green)
M
M
Damper Servo Motor (Rear Air Mix LH)
Damper Servo Motor (Front Air Mix RH) (LHD)
Damper Servo Motor (Front Air Mix LH) (RHD)
z54(E)
A/C Blower Assembly

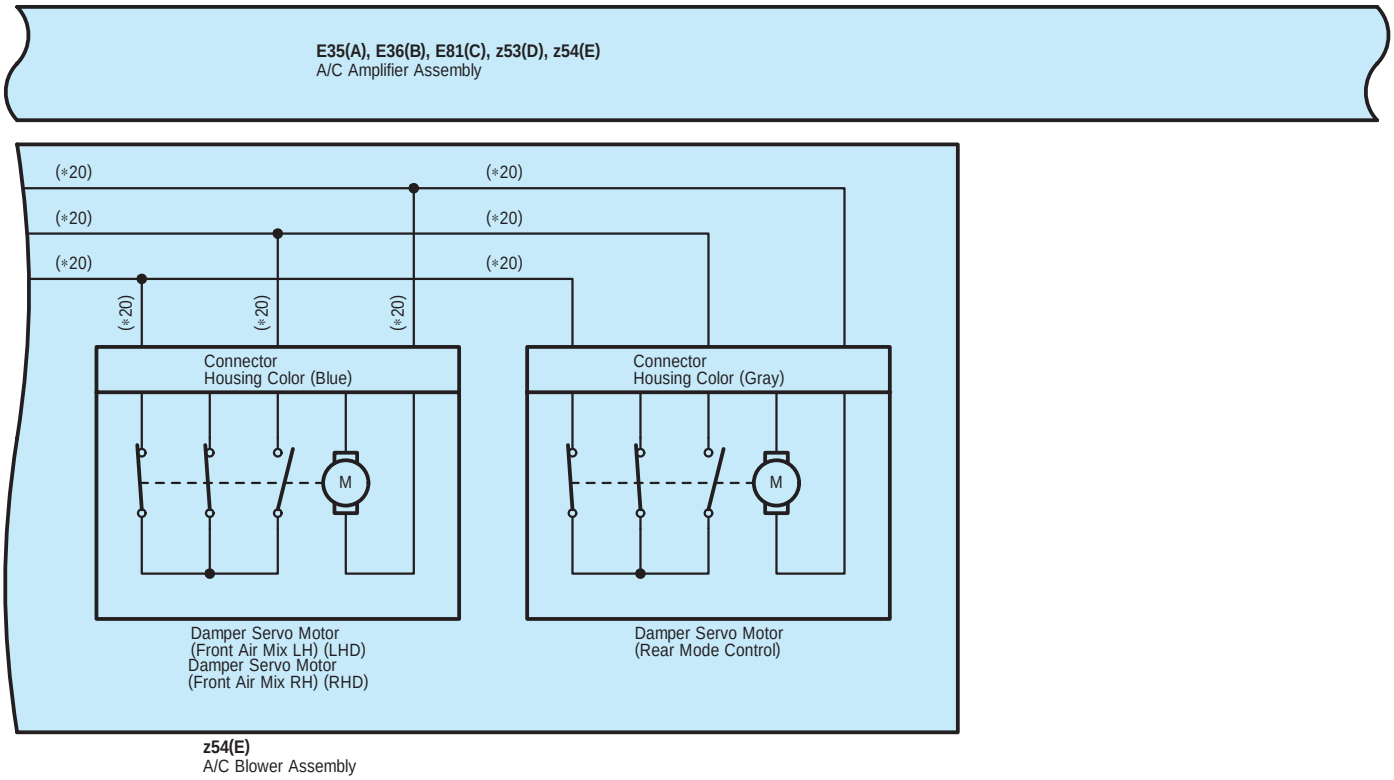


∗ 1 : w/ Rear A/C
∗ 2 : w/o Rear A/C
∗20 : Automatic Air Conditioner



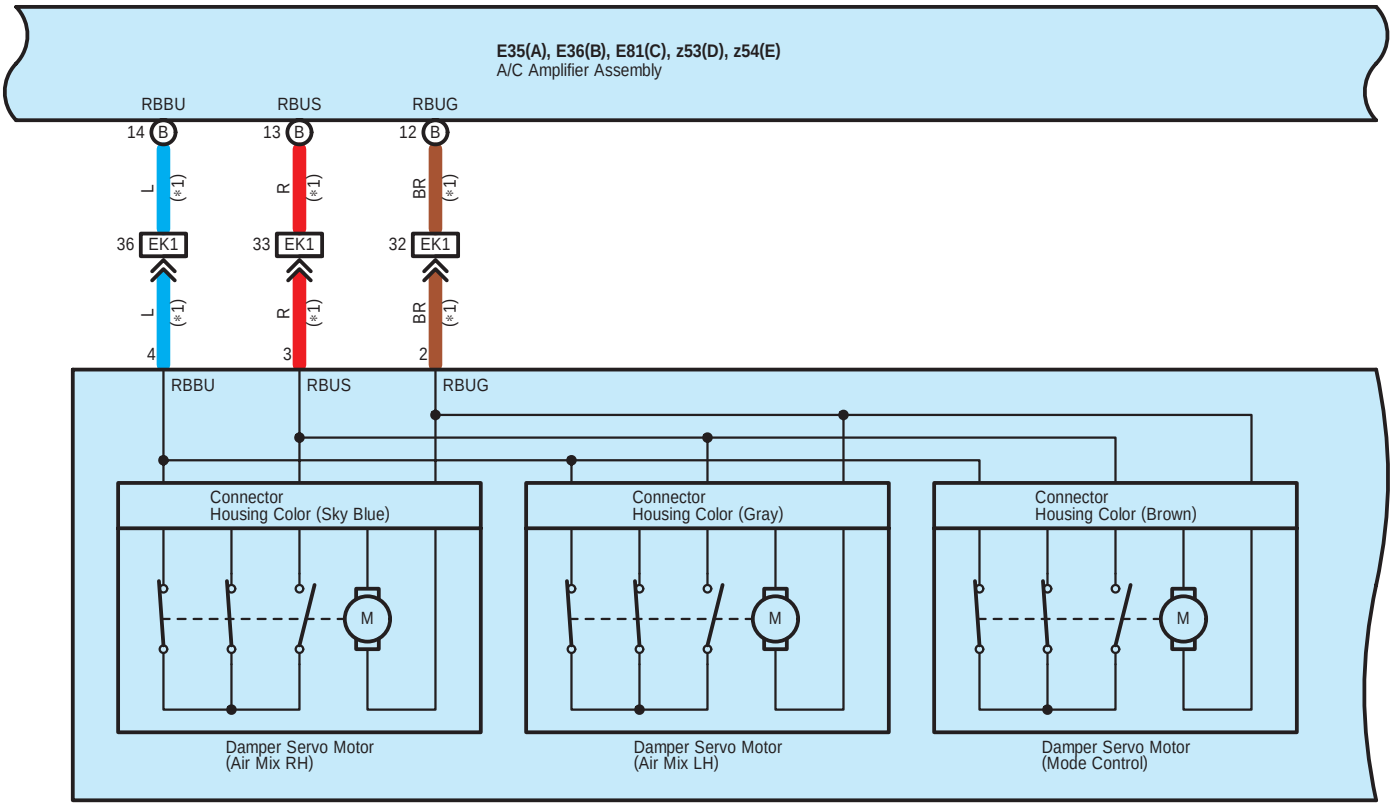
z54(E)
A/C Blower Assembly


G
G
L–R
L–R
(∗1)
(∗1)


E35(A), E36(B), E81(C), z53(D), z54(E)
A/C Amplifier Assembly
(∗20)
(∗20)
(∗20)
(∗20)
(∗20)
(∗20)
(∗20)
(∗20)
(∗20)
Connector
Housing Color (Blue)
Connector
Housing Color (Gray)
M
M
Damper Servo Motor
(Front Air Mix LH) (LHD)
Damper Servo Motor
(Front Air Mix RH) (RHD)
Damper Servo Motor
(Rear Mode Control)
z54(E)
A/C Blower Assembly



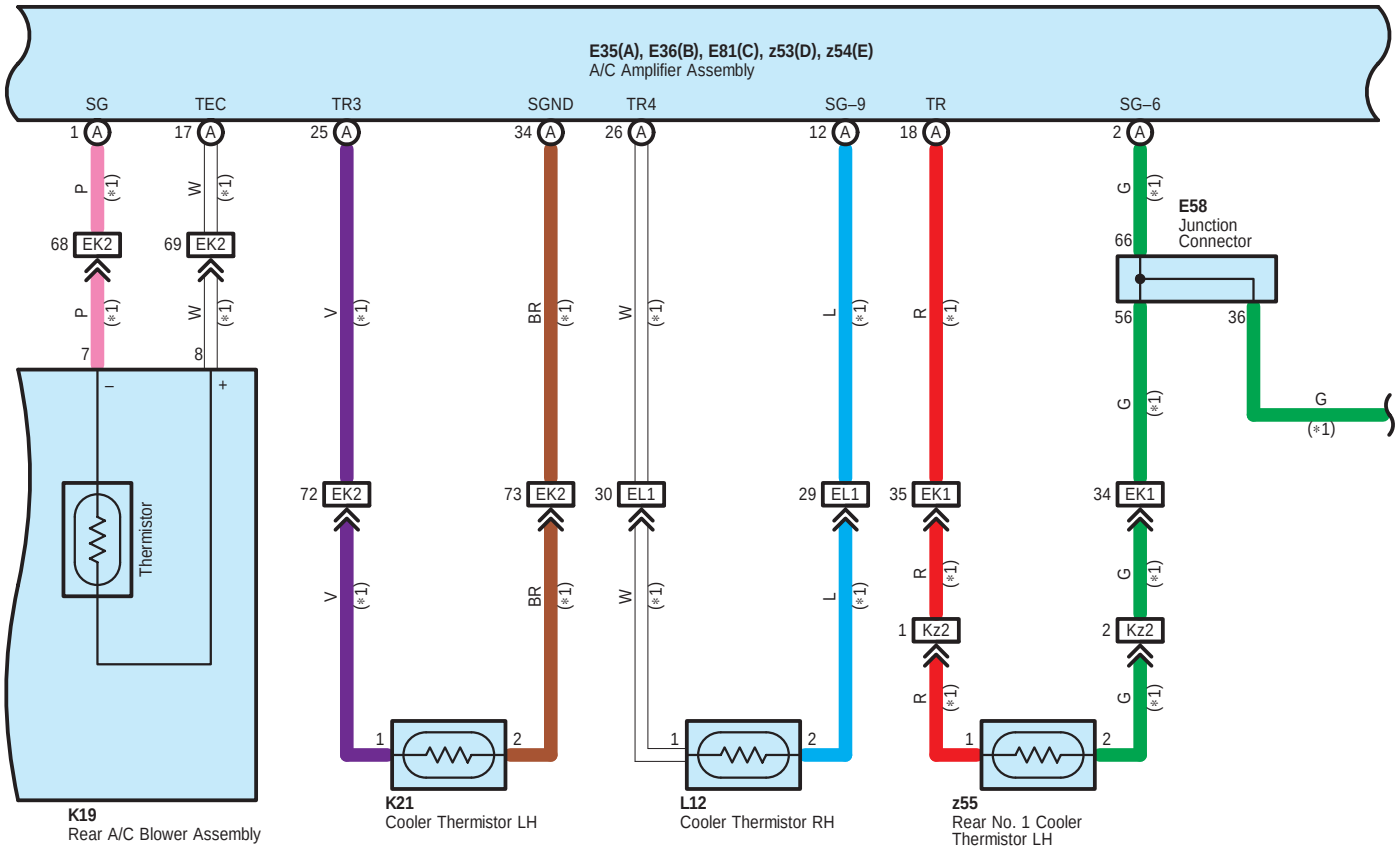
∗ 1 : w/ Rear A/C
∗20 : Automatic Air Conditioner

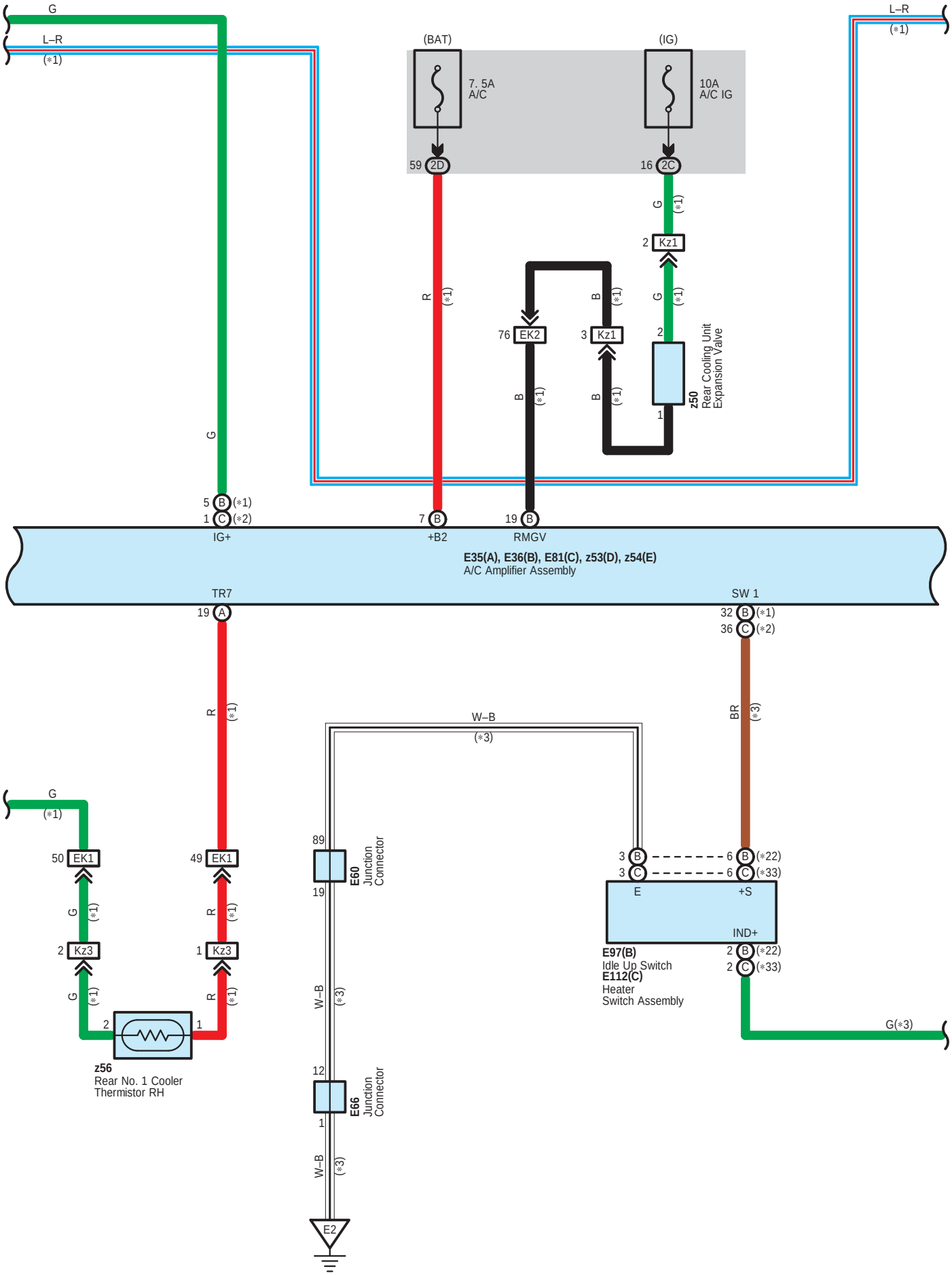


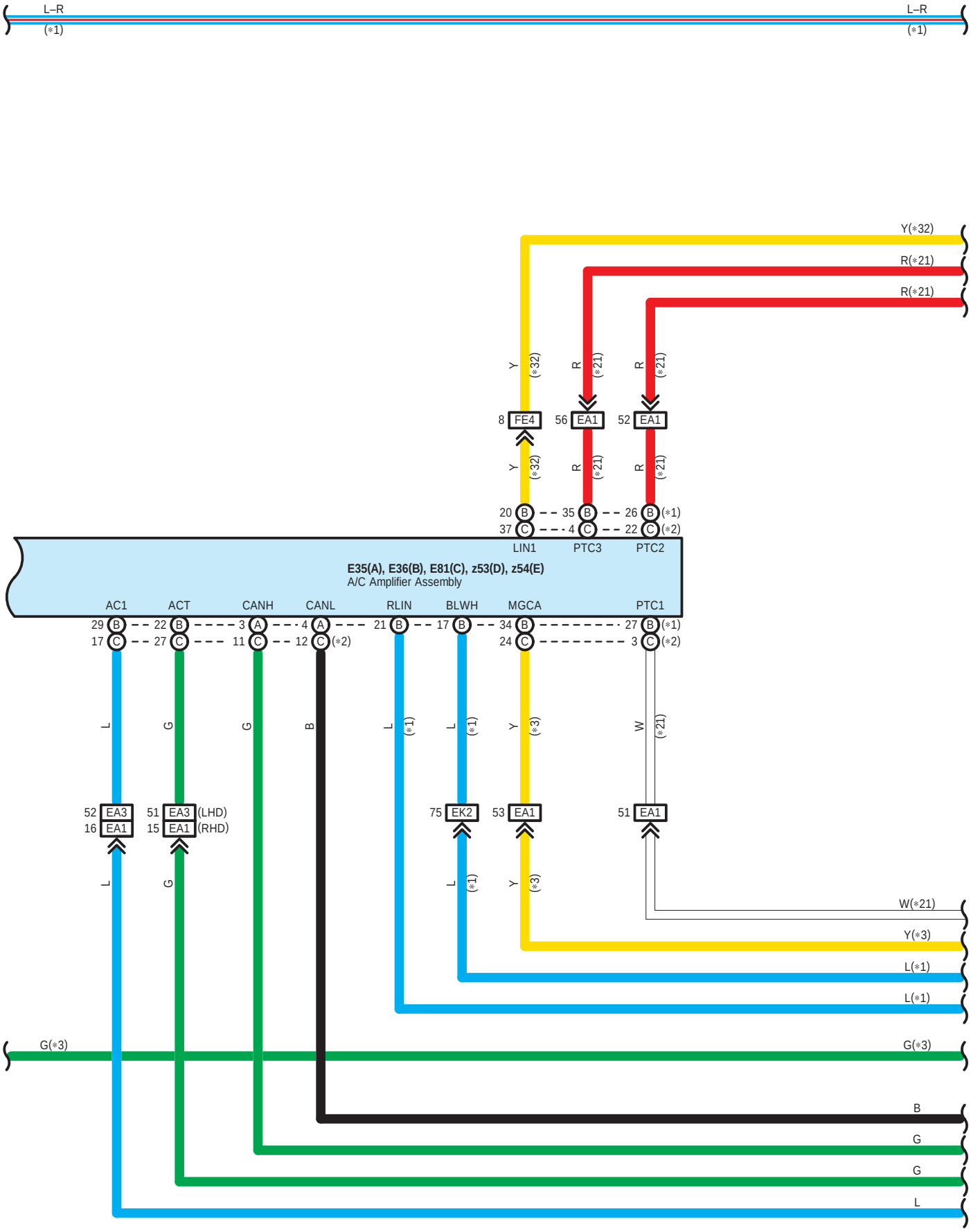
K19
Rear A/C Blower Assembly

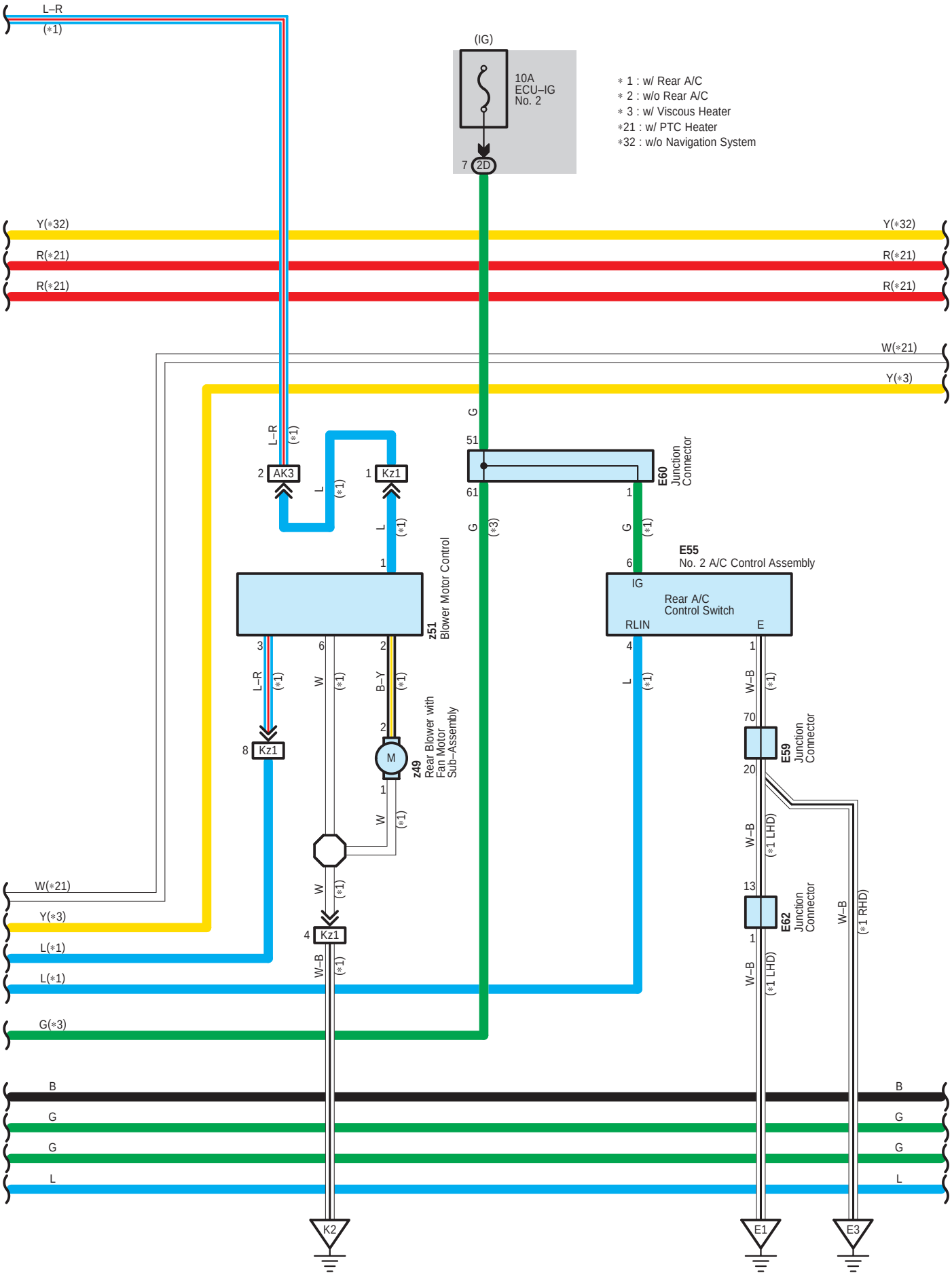


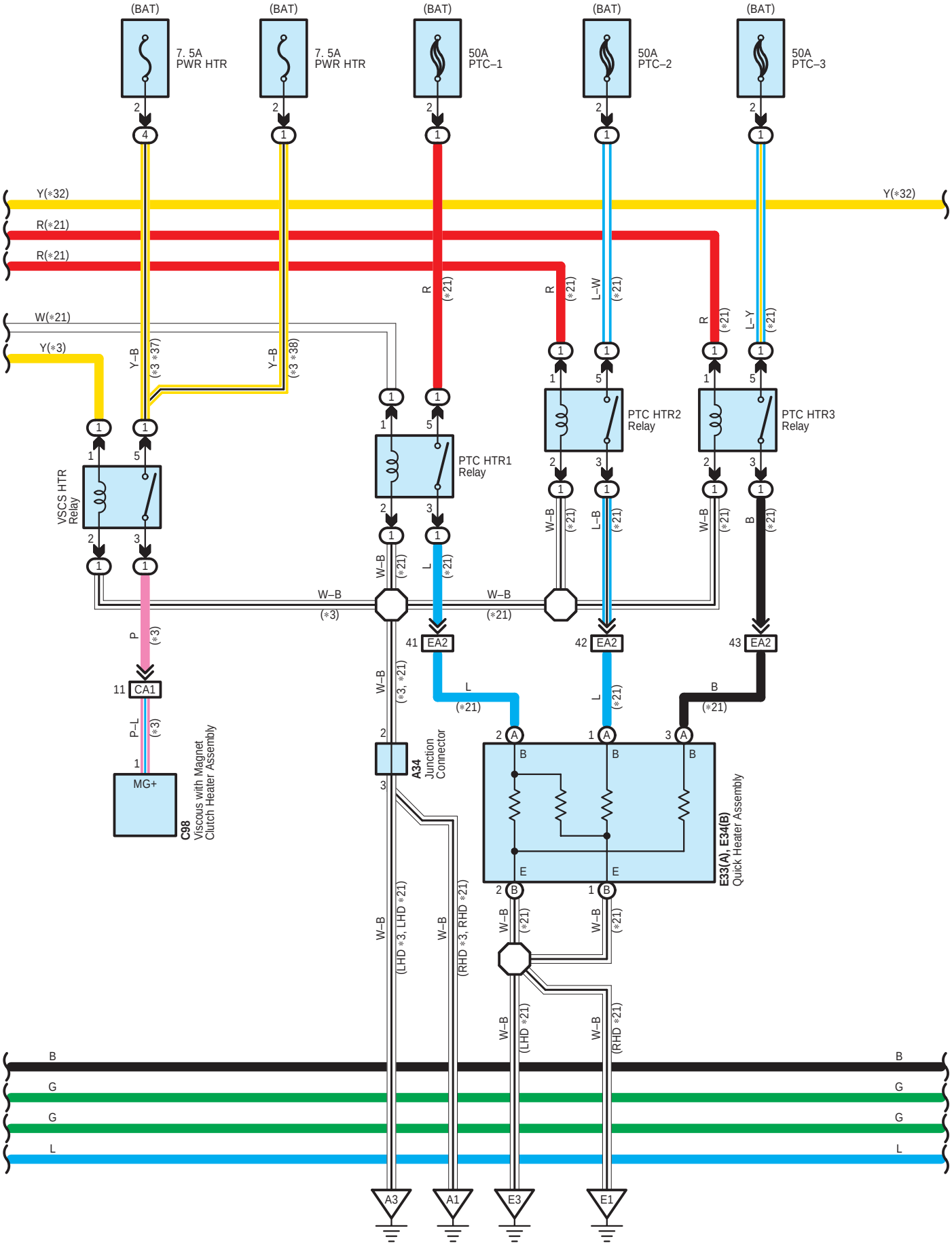
∗ 1 : w/ Rear A/C
∗ 2 : w/o Rear A/C
∗ 3 : w/ Viscous Heater
∗22 : w/ Viscous Heater 1VD–FTV w/o DPF
∗33 : w/ Viscous Heater 1VD–FTV w/ DPF

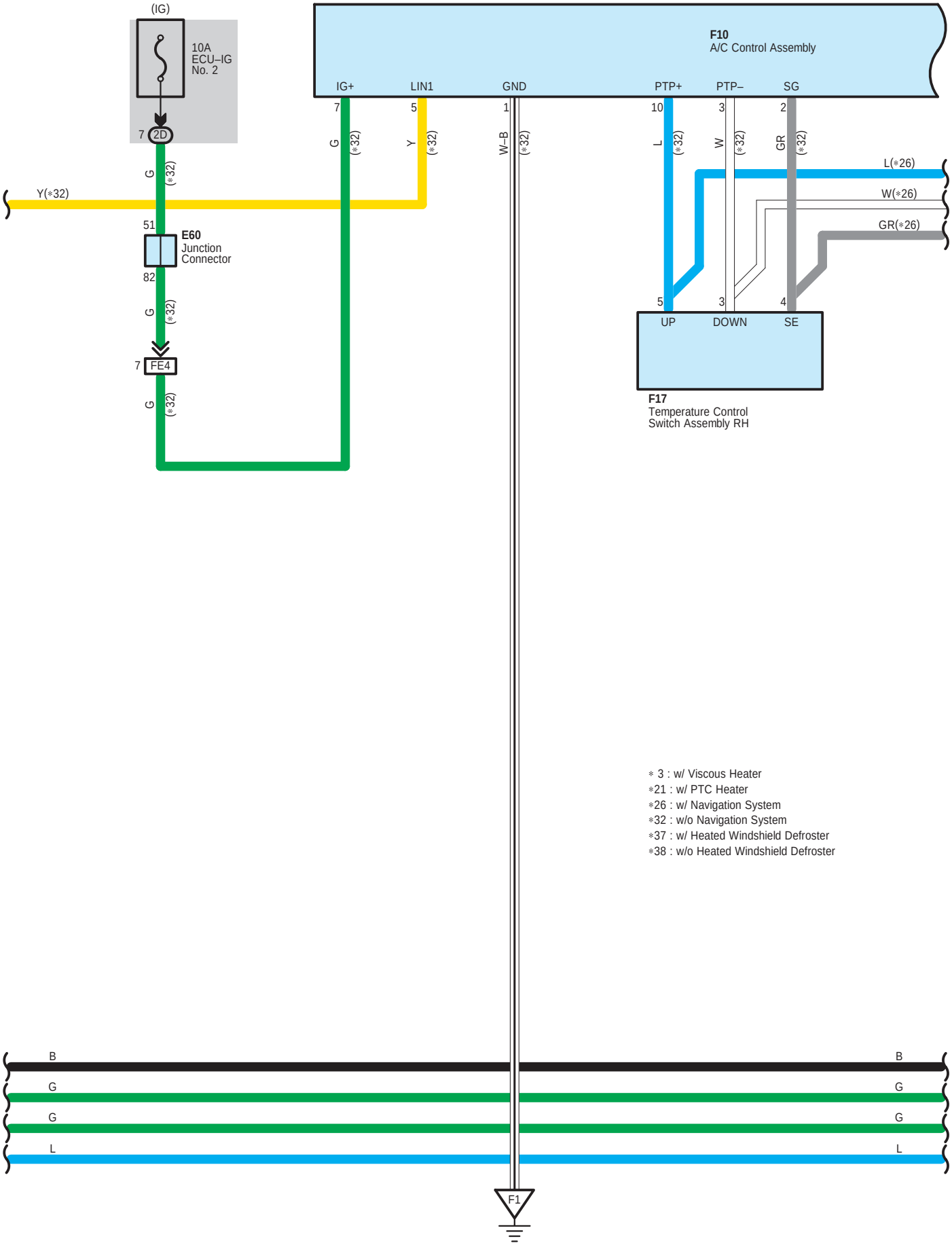



G
L–R
(∗1)
(BAT)
(IG)
7. 5A
A/C
10A
A/C IG
59 2D
16 2C
L–R
(∗1)
G
(∗1)
2 Kz1
R
(∗1)
B
(∗1)
G
(∗1)
76 EK2
3 Kz1
2
z50
Rear Cooling Unit
Expansion Valve
1
B
(∗1)
B
(∗1)
G
5 B (∗1)
1 C (∗2)
IG+
7 B
+B2
19 B
RMGV
E35(A), E36(B), E81(C), z53(D), z54(E)
A/C Amplifier Assembly
TR7
19 A
SW 1
32 B (∗1)
36 C (∗2)
R
(∗1)
W–B
(∗3)
BR
(∗3)
G
(∗1)
50 EK1
49 EK1
G
(∗1)
R
(∗1)
2 Kz3
1 Kz3
G
(∗1)
R
(∗1)
2
1
z56
Rear No. 1 Cooler
Thermistor RH
89
19
E60
Junction
Connector
3 B
3 C
6 B (∗22)
6 C (∗33)
E
+S
IND+
E97(B)
Idle Up Switch
E112(C)
Heater
Switch Assembly
2 B (∗22)
2 C (∗33)
G(∗3)
W–B
(∗3)
12
1
E66
Junction
Connector
W–B
(∗3)
E2

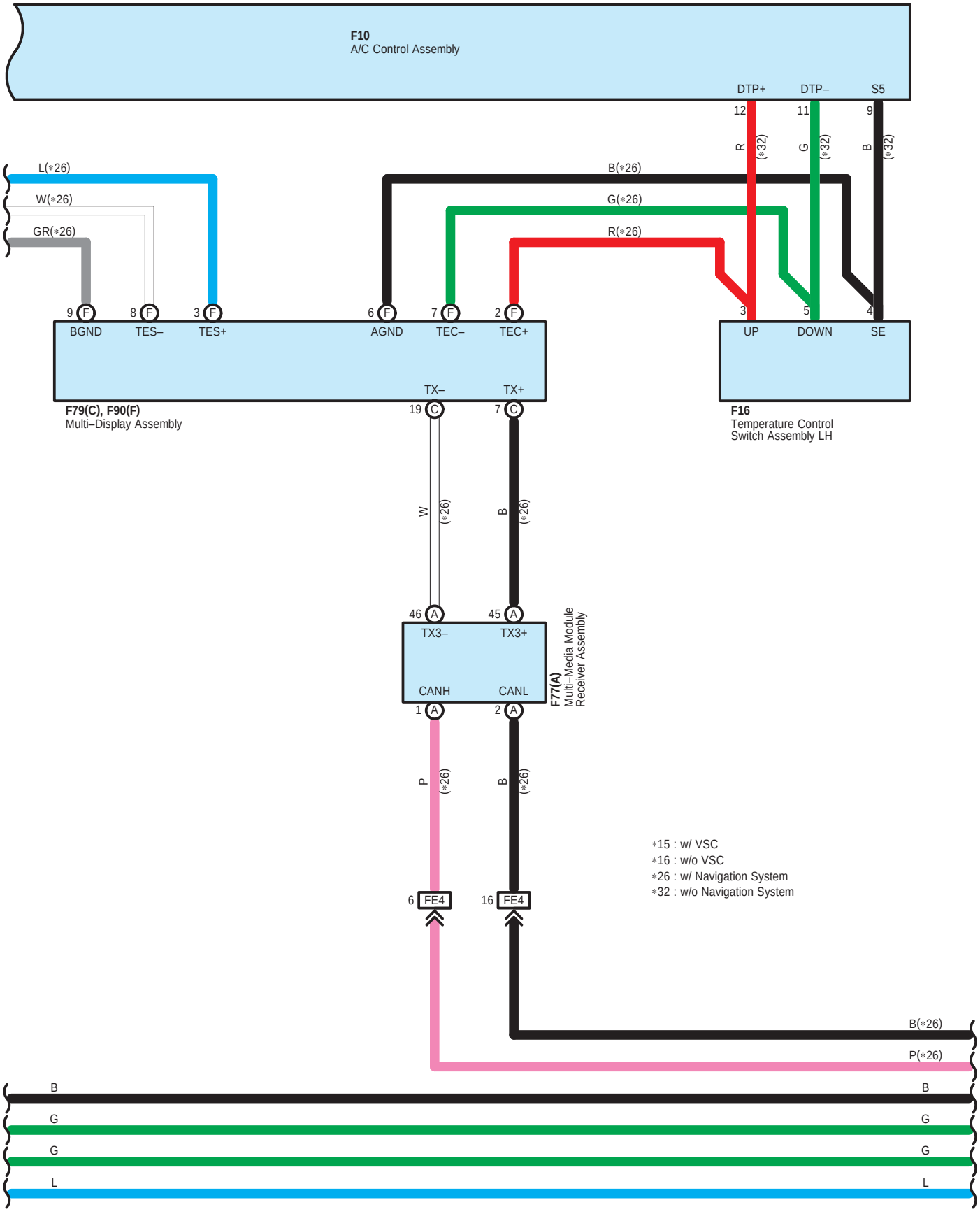

L–R
(*1)
L–R
(*1)
Y(*32)
R(*21)
R(*21)
8 FE4
56 EA1
52 EA1
20 B
37 C
35 B
4 C
26 B (*1)
22 C (*2)
LIN1
PTC3
PTC2
E35(A), E36(B), E81(C), z53(D), z54(E)
A/C Amplifier Assembly
AC1
ACT
CANH
CANL
RLIN
BLWH
MGCA
PTC1
29 B
17 C
22 B
27 C
3 A
11 C
4 A
12 C (*2)
21 B
17 B
34 B
24 C
27 B (*1)
3 C (*2)
52 EA3
16 EA1
51 EA3 (LHD)
15 EA1 (RHD)
75 EK2
53 EA1
51 EA1
W(*21)
Y(*3)
L(*1)
L(*1)
G(*3)
G(*3)
B
G
G
L

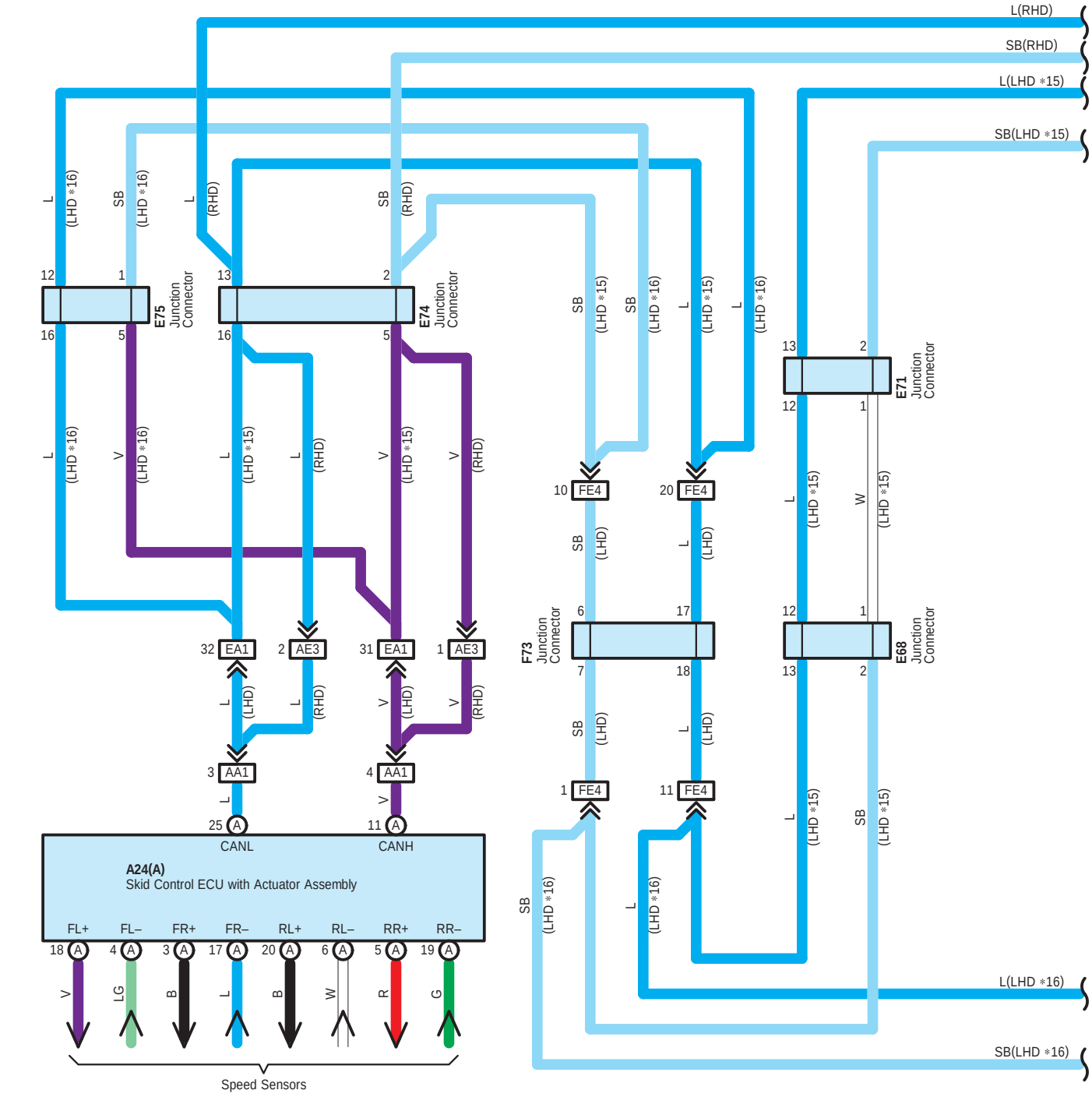

L–R
(*1)
(IG)
10A
ECU–IG
No. 2
7
2D
* 1 : w/ Rear A/C
* 2 : w/o Rear A/C
* 3 : w/ Viscous Heater
*21 : w/ PTC Heater
*32 : w/o Navigation System
Y(*32)
R(*21)
R(*21)
Y(*32)
R(*21)
R(*21)
W(*21)
Y(*3)
G
51
61
E60
Junction
Connector
1
G
(*3)
(*1)
L–R
(*1)
2
AK3
1
Kz1
L
(*1)
L
(*1)
1
z51
Blower Motor Control
E55
No. 2 A/C Control Assembly
6
IG
Rear A/C
Control Switch
RLIN
E
4
L
(*1)
1
W–B
(*1)
3
L–R
(*1)
6
W
(*1)
2
B–Y
(*1)
8
Kz1
2
M
z49
Rear Blower with
Fan Motor
Sub–Assembly
1
W
(*1)
70
E59
Junction
Connector
20
W–B
(*1 LHD)
W(*21)
Y(*3)
L(*1)
L(*1)
G(*3)
W
(*1)
4
Kz1
W–B
(*1)
13
E62
Junction
Connector
1
W–B
(*1 LHD)
W–B
(*1 RHD)
B
G
G
L
B
G
G
L
K2
E1
E3


(BAT)
7. 5A
PWR HTR
7. 5A
PWR HTR
50A
PTC–1
50A
PTC–2
50A
PTC–3
Y(*32)
R(*21)
R(*21)
W(*21)
Y(*3)
Y–B
(*3 *37)
Y–B
(*3 *38)
R
(*21)
R
(*21)
L–W
(*21)
R
(*21)
L–Y
(*21)
VSCS HTR
Relay
PTC HTR1
Relay
PTC HTR2
Relay
PTC HTR3
Relay
W–B
(*3)
W–B
(*21)
P
(*3)
L
(*21)
B
(*21)
41 EA2
42 EA2
43 EA2
11 CA1
P–L
(*3)
MG+
C98
Viscous with Magnet
Clutch Heater Assembly
A34
Junction
Connector
(LHD *3, LHD *21)
(RHD *3, RHD *21)
(LHD *21)
(RHD *21)
E33(A), E34(B)
Quick Heater Assembly
B
G
G
L
A3
A1
E3
E1

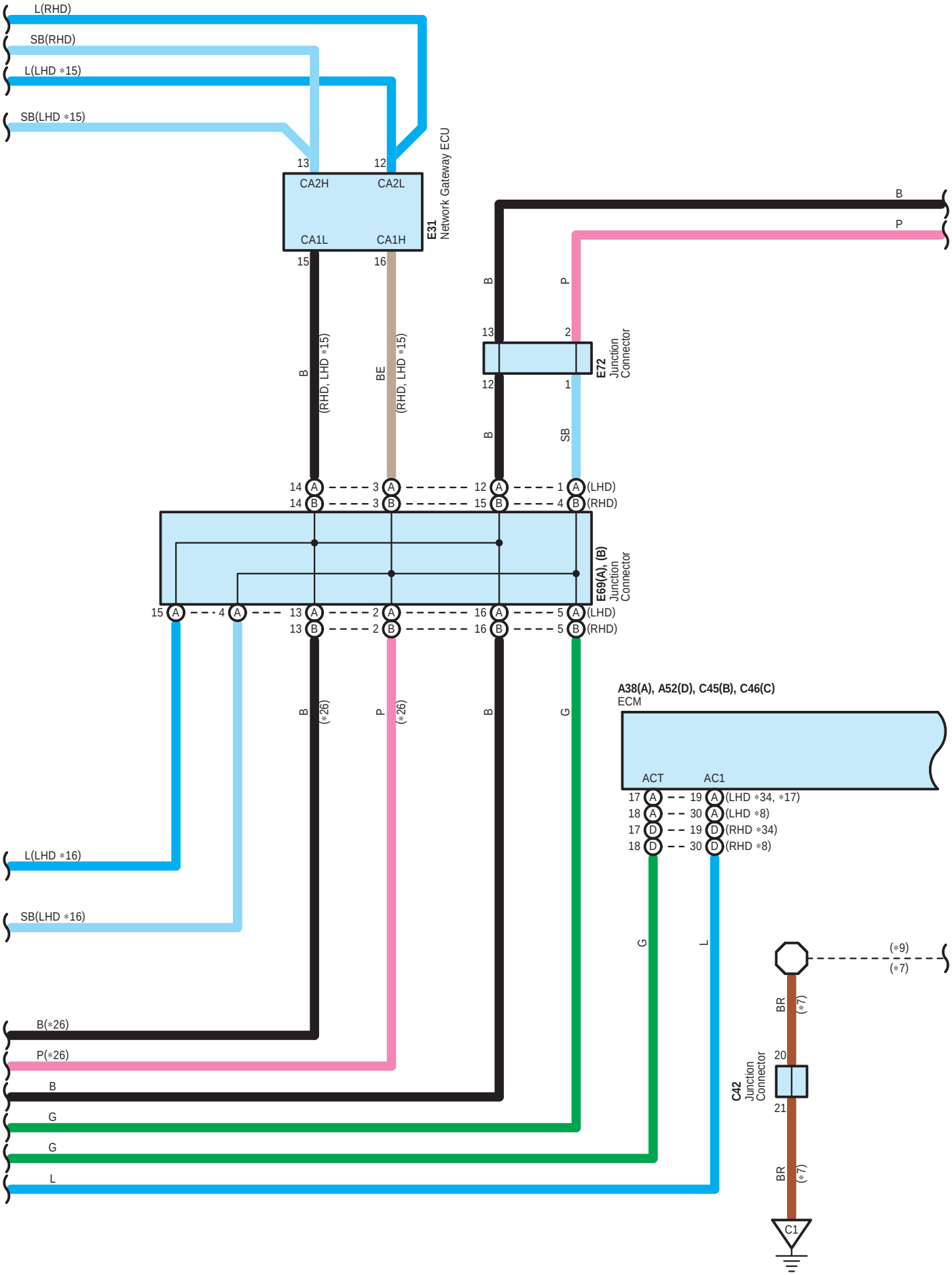


∗ 3 : w/ Viscous Heater
∗21 : w/ PTC Heater
∗26 : w/ Navigation System
∗32 : w/o Navigation System
∗37 : w/ Heated Windshield Defroster
∗38 : w/o Heated Windshield Defroster


F10
A/C Control Assembly
DTP+
DTP–
S5
12
11
9
R
G
B
(∗32)
L(∗26)
W(∗26)
GR(∗26)
B(∗26)
G(∗26)
R(∗26)
9 F
8 F
3 F
6 F
7 F
2 F
BGND
TES–
TES+
AGND
TEC–
TEC+
3
5
4
UP
DOWN
SE
TX–
TX+
F79(C), F90(F)
Multi–Display Assembly
19 C
7 C
F16
Temperature Control
Switch Assembly LH
W
B
(∗26)
46 A
45 A
TX3–
TX3+
CANH
CANL
1 A
2 A
F77(A)
Multi–Media Module
Receiver Assembly
P
B
(∗26)
∗15 : w/ VSC
∗16 : w/o VSC
∗26 : w/ Navigation System
∗32 : w/o Navigation System
6 FE4
16 FE4
B(∗26)
P(∗26)
B
G
G
L

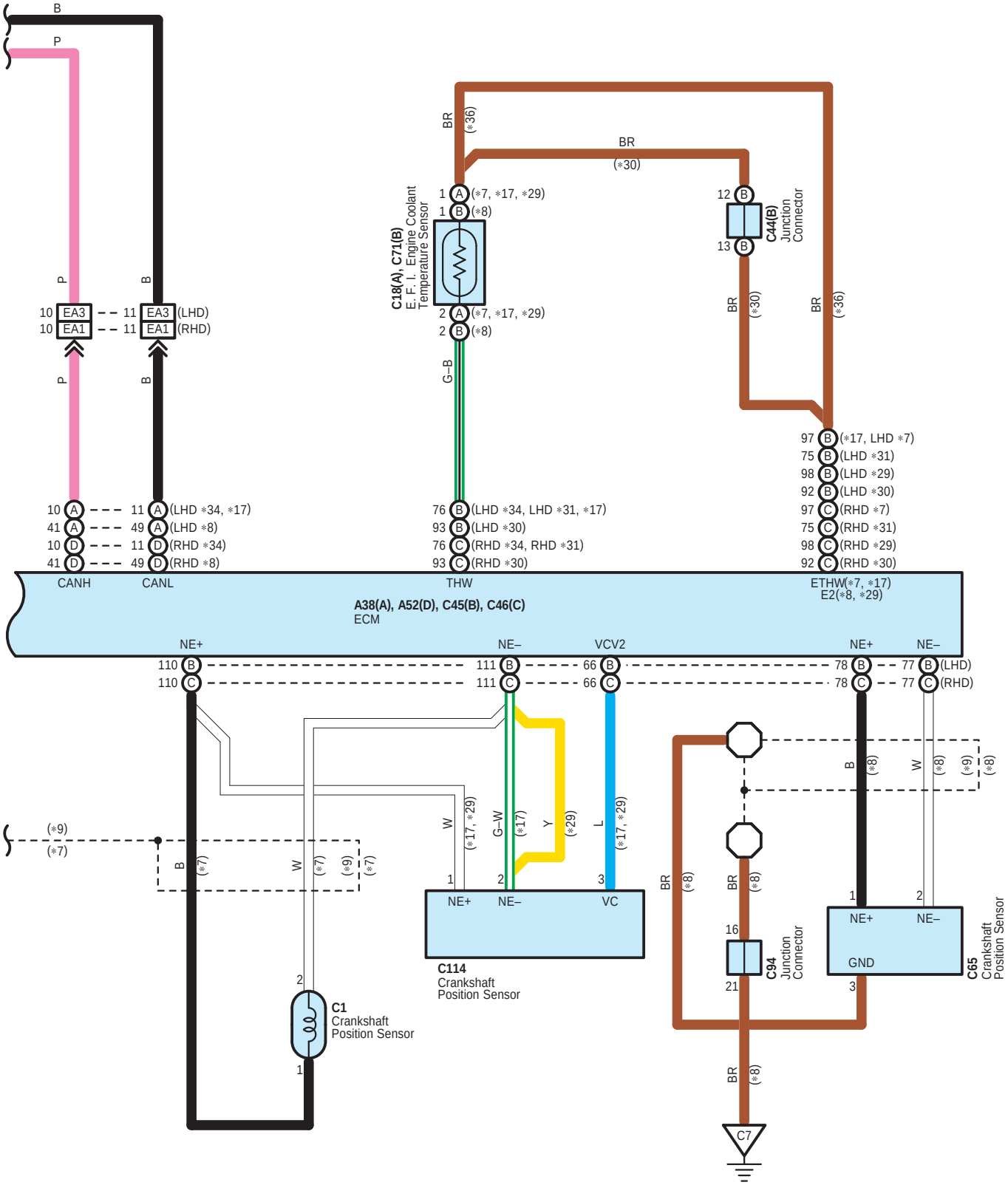

L(RHD)
SB(RHD)
L(LHD *15)
SB(LHD *15)
E75 Junction Connector
E74 Junction Connector
E71 Junction Connector
F73 Junction Connector
E68 Junction Connector
A24(A)
Skid Control ECU with Actuator Assembly
CANL
CANH
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
Speed Sensors
L(LHD *16)
SB(LHD *16)


B(*26)
P(*26)
B
G
G
L

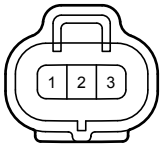

L(RHD)
SB(RHD)
L(LHD *15)
SB(LHD *15)
13
12
CA2H
CA2L
CA1L
CA1H
E31
Network Gateway ECU
15
16
B
(RHD, LHD *15)
BE
(RHD, LHD *15)
B
P
13
2
12
1
E72
Junction Connector
B
SB
14 A 3 A 12 A 1 A (LHD)
14 B 3 B 15 B 4 B (RHD)
E69(A), (B)
Junction Connector
15 A 4 A 13 A 2 A 16 A 5 A (LHD)
13 B 2 B 16 B 5 B (RHD)
B
(*26)
P
(*26)
B
G
A38(A), A52(D), C45(B), C46(C)
ECM
ACT
AC1
17 A 19 A (LHD *34, *17)
18 A 30 A (LHD *8)
17 D 19 D (RHD *34)
18 D 30 D (RHD *8)
L(LHD *16)
SB(LHD *16)
B(*26)
P(*26)
B
G
G
L
G
L
(*9)
(*7)
BR
(*7)
20
C42
Junction Connector
21
BR
(*7)
C1

∗ 7 : 1GR–FE
∗ 8 : 1VD–FTV
∗ 9 : Shielded
∗15 : w/ VSC
∗16 : w/o VSC
∗17 : 3UR–FE

∗26 : w/ Navigation System
∗29 : 1UR–FE
∗30 : 1VD–FTV w/ DPF
∗31 : 1VD–FTV w/o DPF
∗34 : 1UR–FE, 1GR–FE
∗36 : Except 1VD–FTV w/ DPF



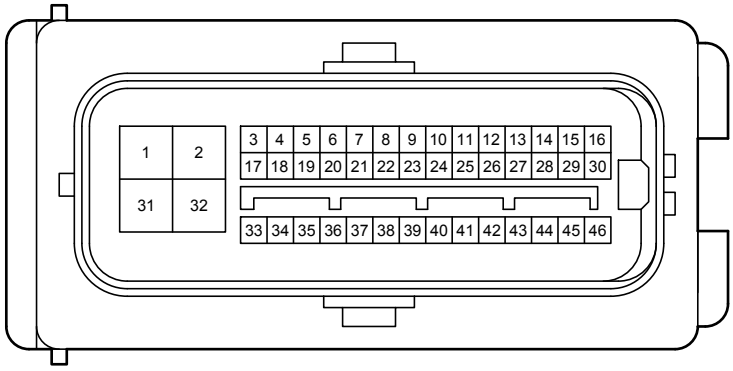
A 13
Black



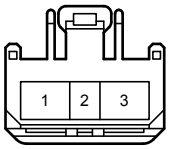
A 14
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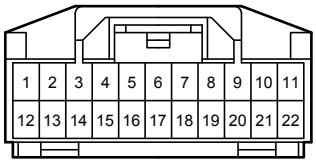
A 24
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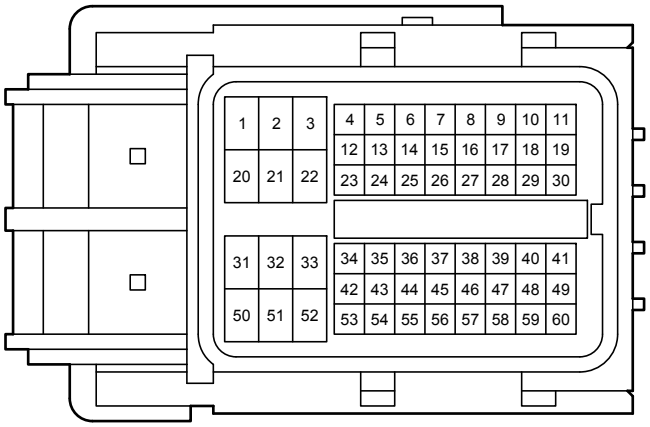
A 29
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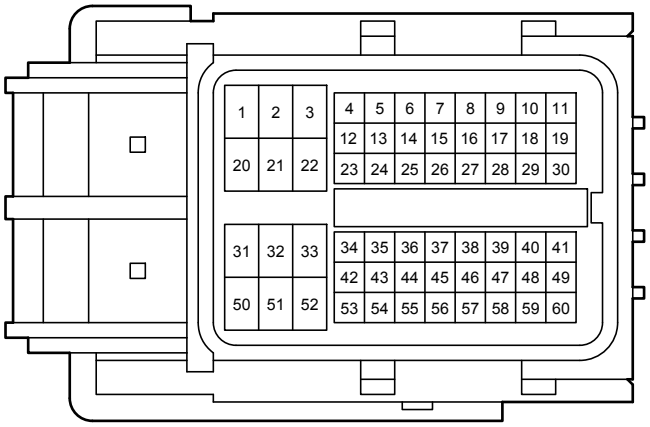
A 34
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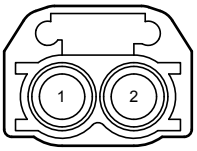
A 38
Black



A 52
Black



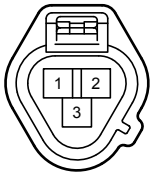
C 1
Black



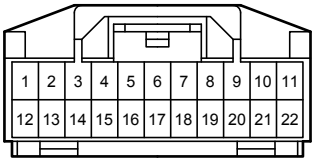
C 18
Dark Gray



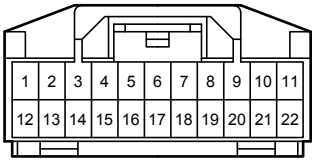
C 30
Gray



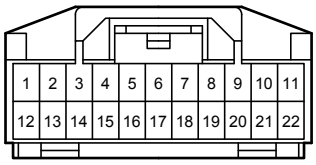
C 42
White



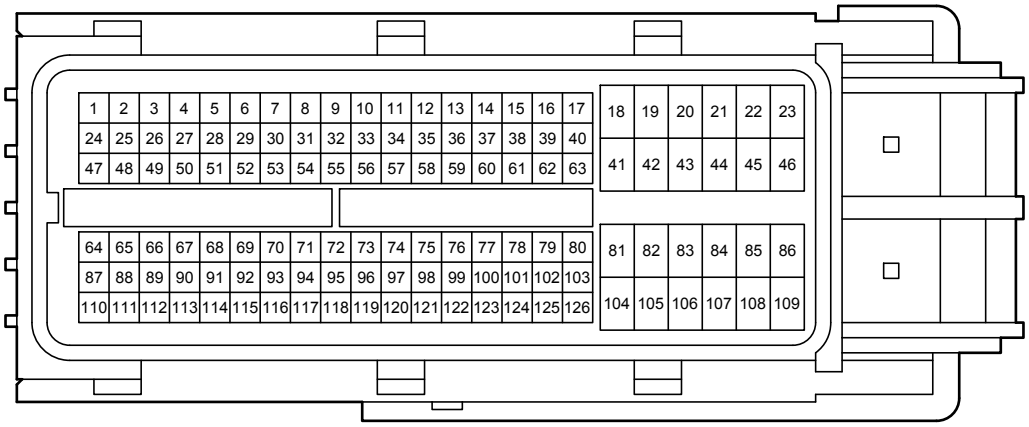
C 43
White



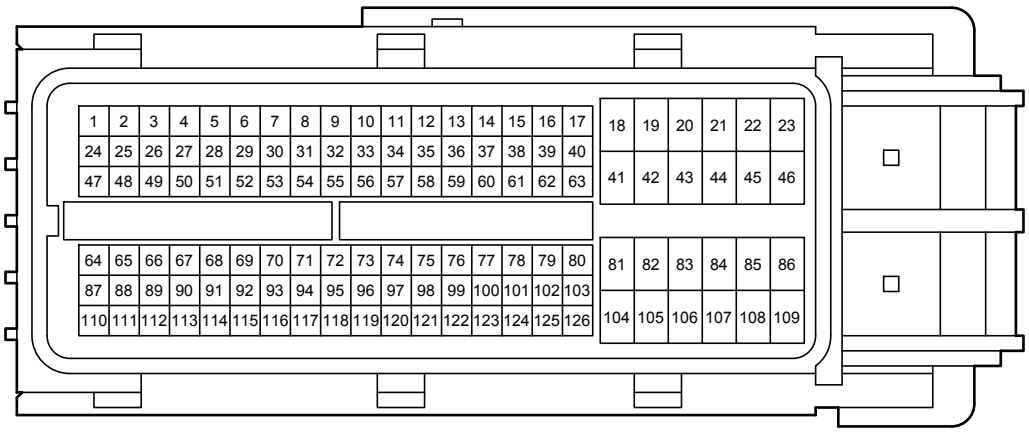
C 44
Blue



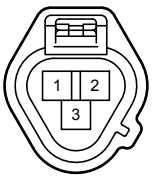
C 45
Black



C 46
Black



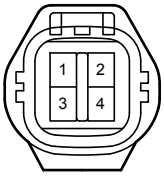
C 65
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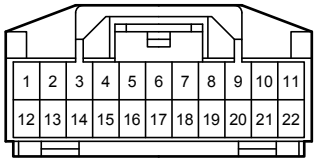
C 71
Gray



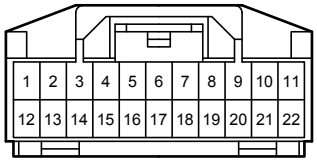
C 92
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C 94
Gray



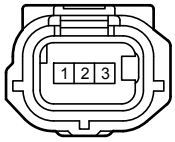
C 95
Black



C 98
Gray



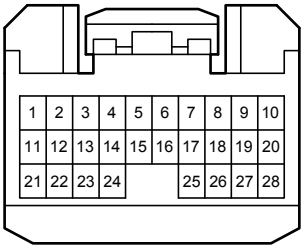
C114
Black



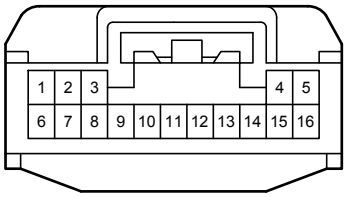
D 4
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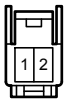
E 2
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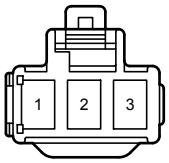
E 31
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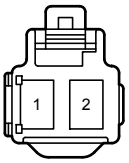
E 32
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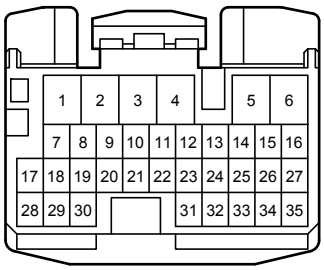
E 33
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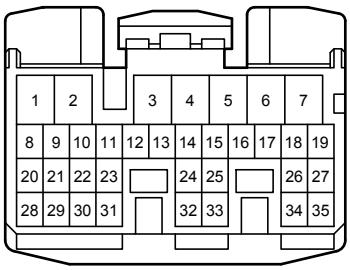
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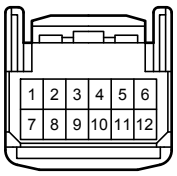
E 35
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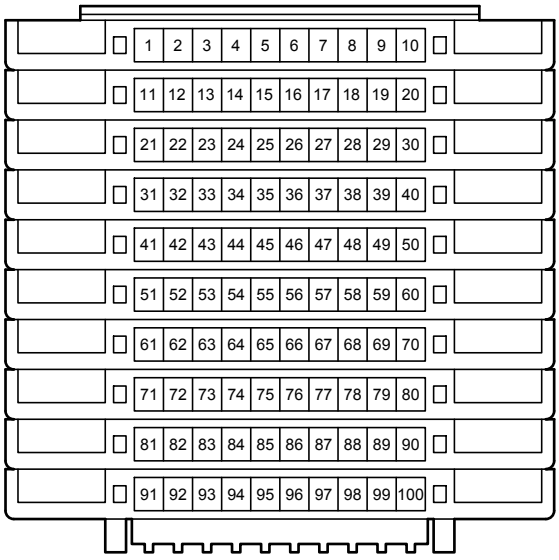
E 36
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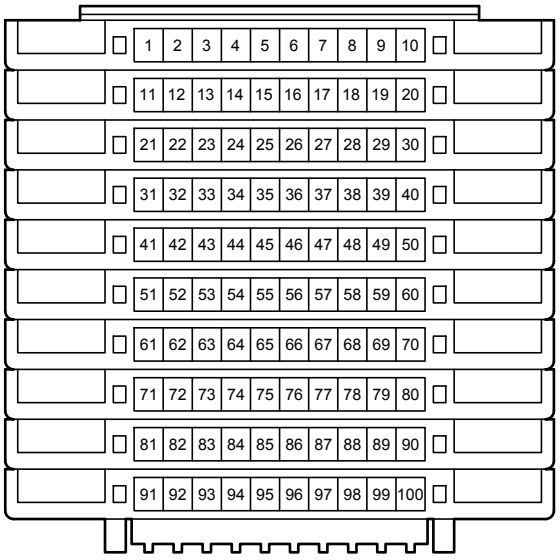
E 55
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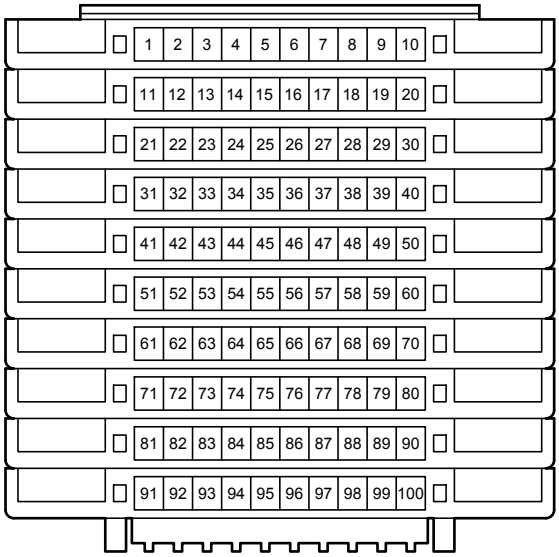
E 58



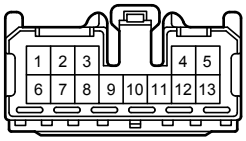
E 59



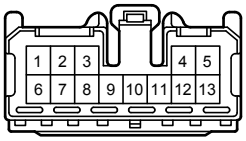
E 60



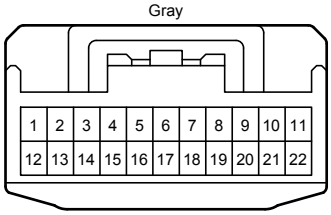
E 62
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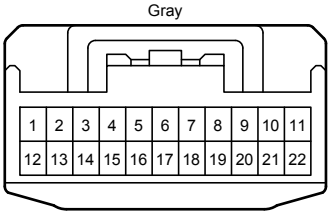
E 66
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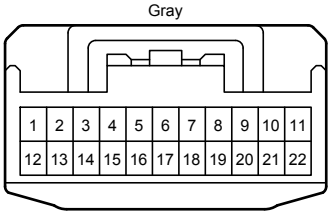
E 68
Gray



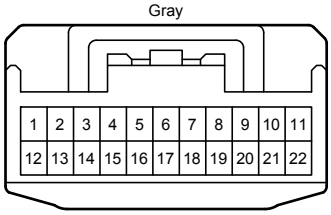
E 69
Gray



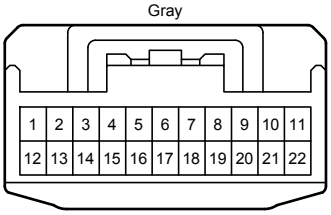
E 71
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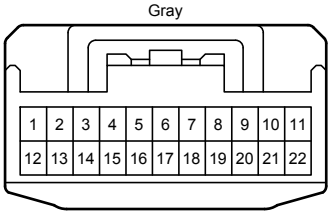
E 72
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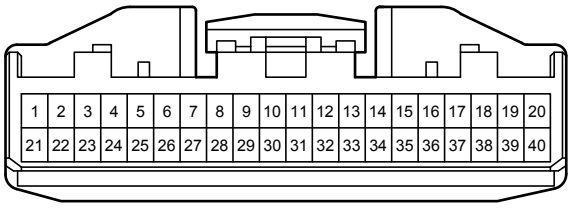
E 74
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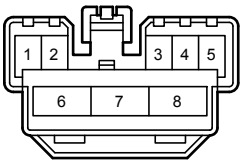
E 75
Gray



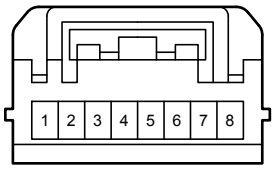
E 81
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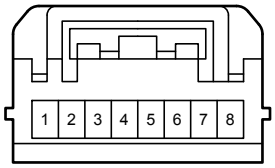
E 89
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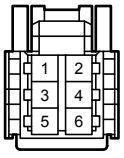
E 97
Black



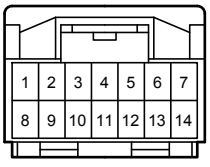
E112
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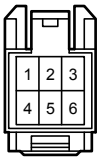
F 9
Black



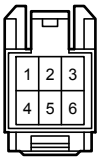
F 10
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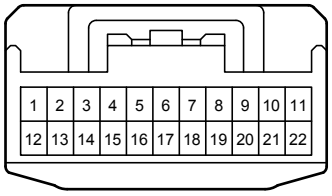
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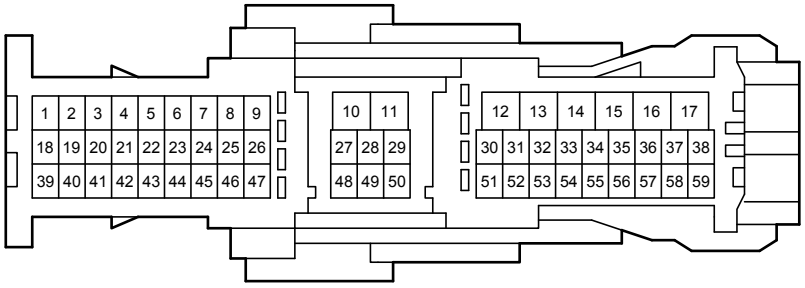
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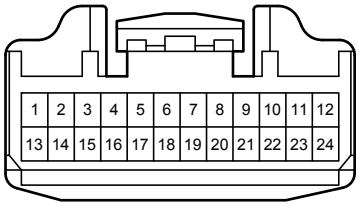
F 73
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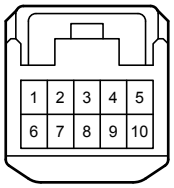
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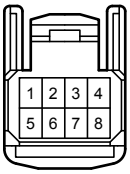
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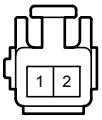
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K 19
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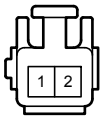
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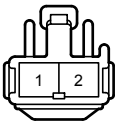
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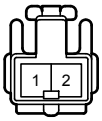
L 12
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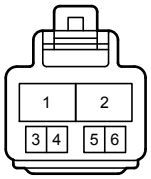
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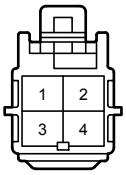
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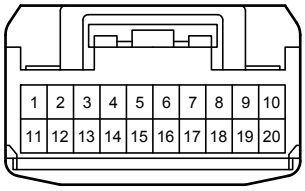
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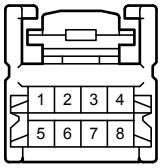
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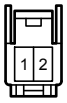
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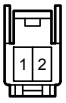
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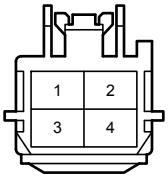
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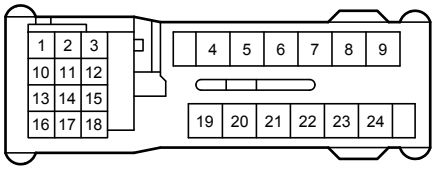
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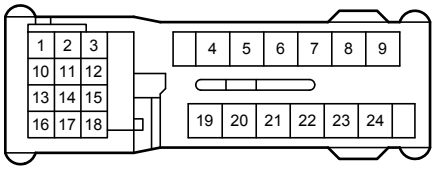
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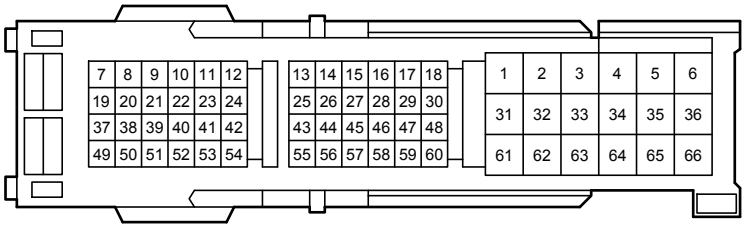
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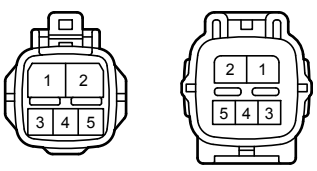
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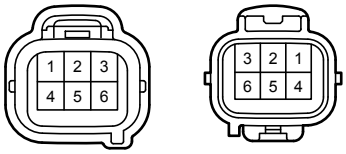
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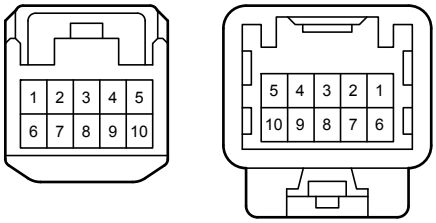
AA1
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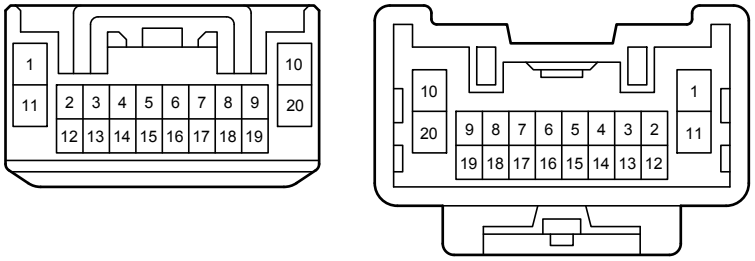
AD1
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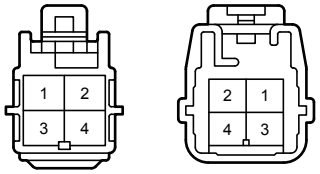
AE3
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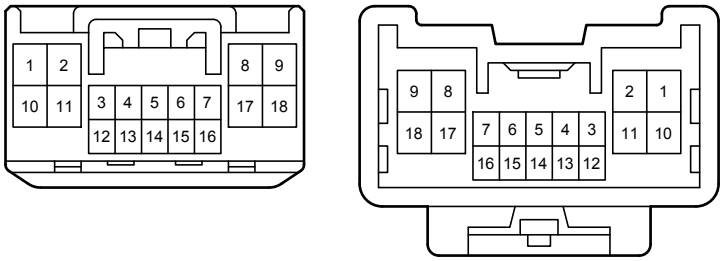
AK1
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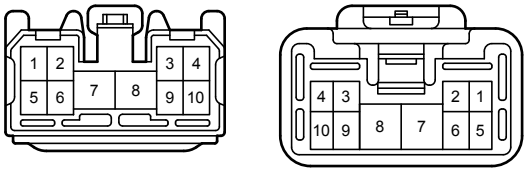
AK3
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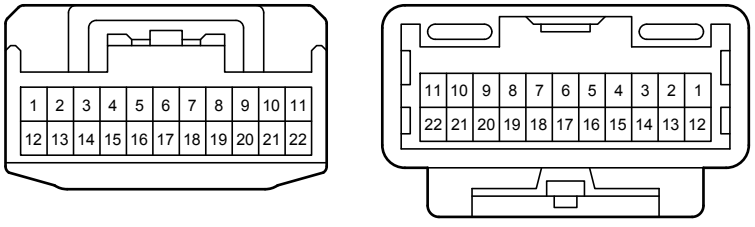
CA1
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CA2
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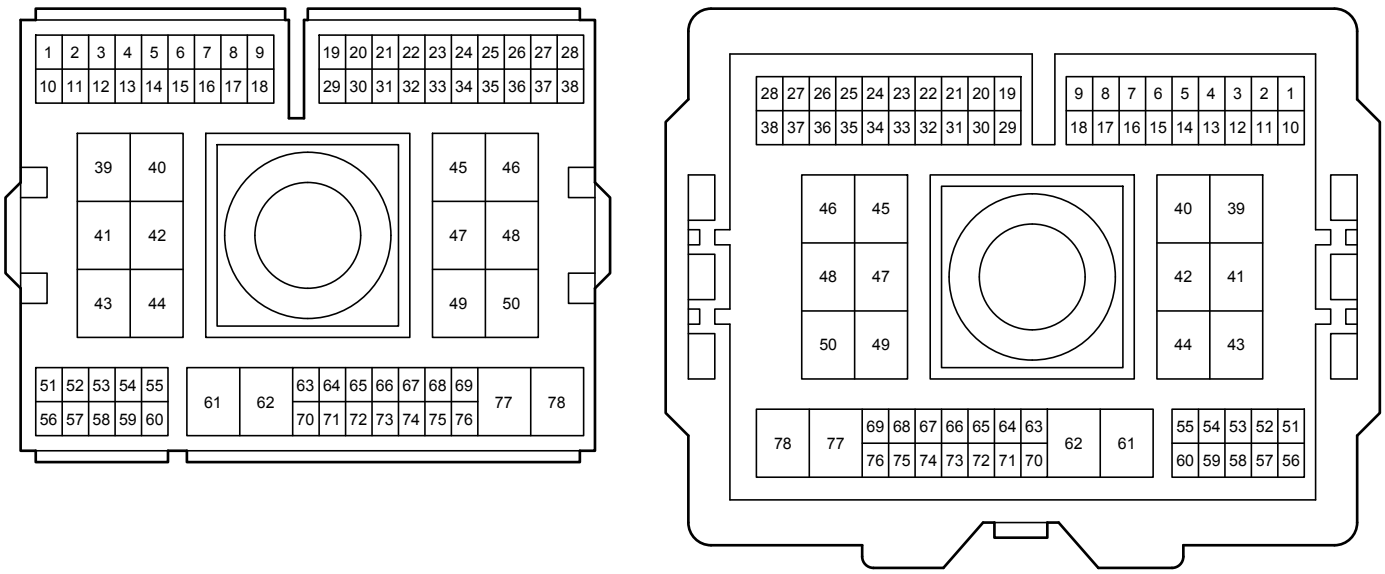


CA4
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EA1

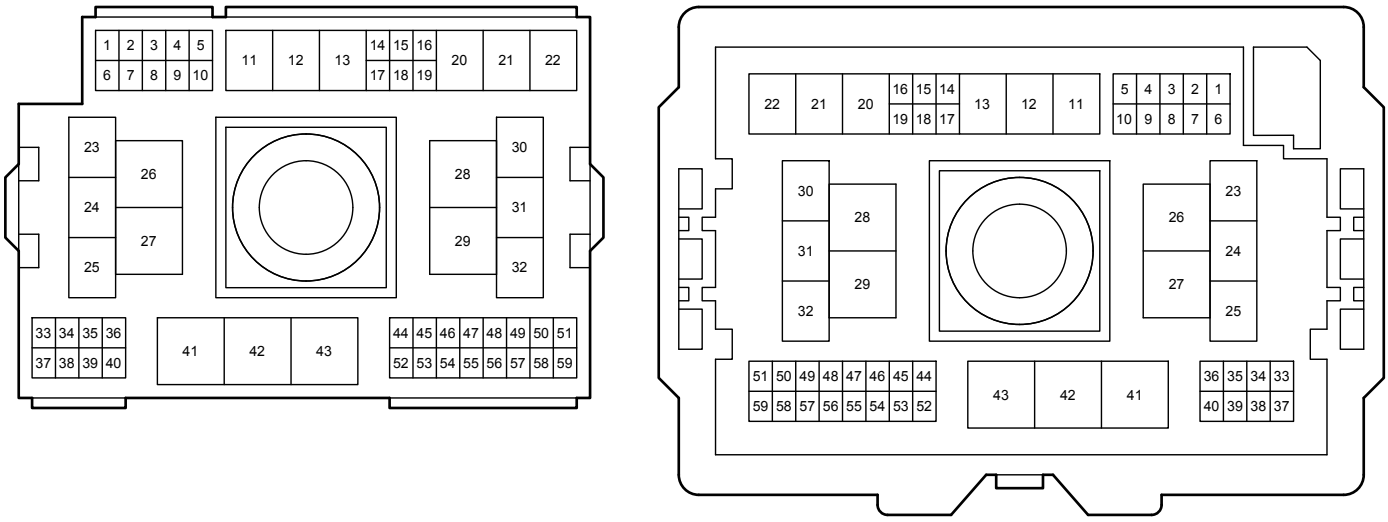
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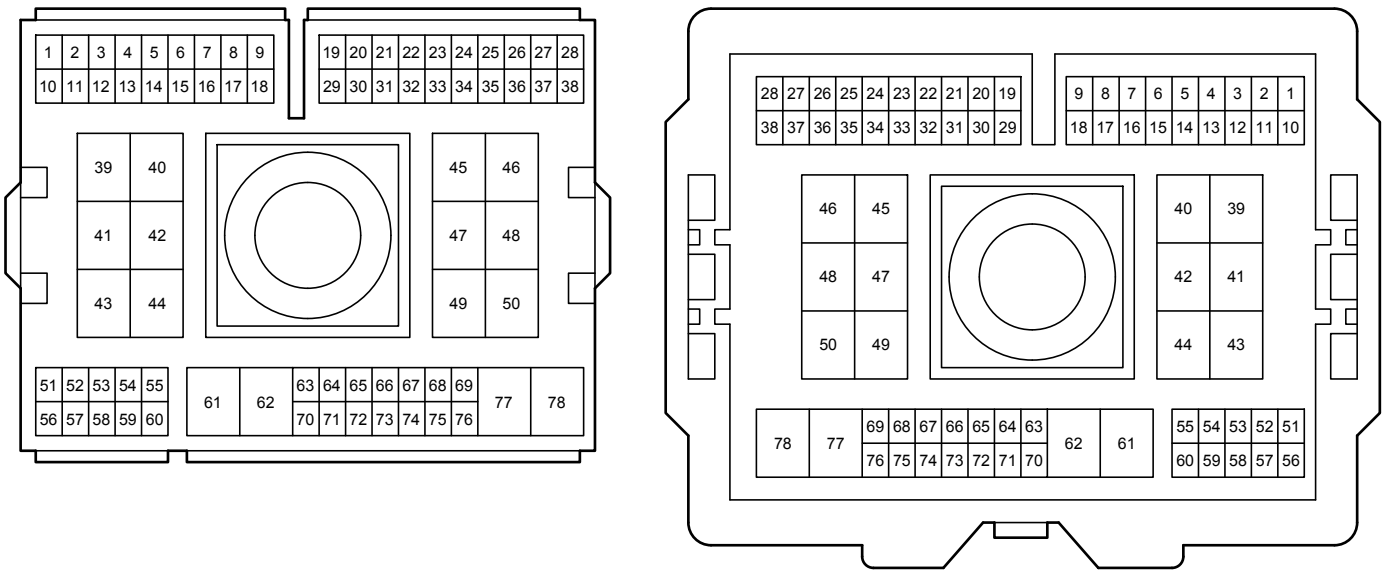
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EA3

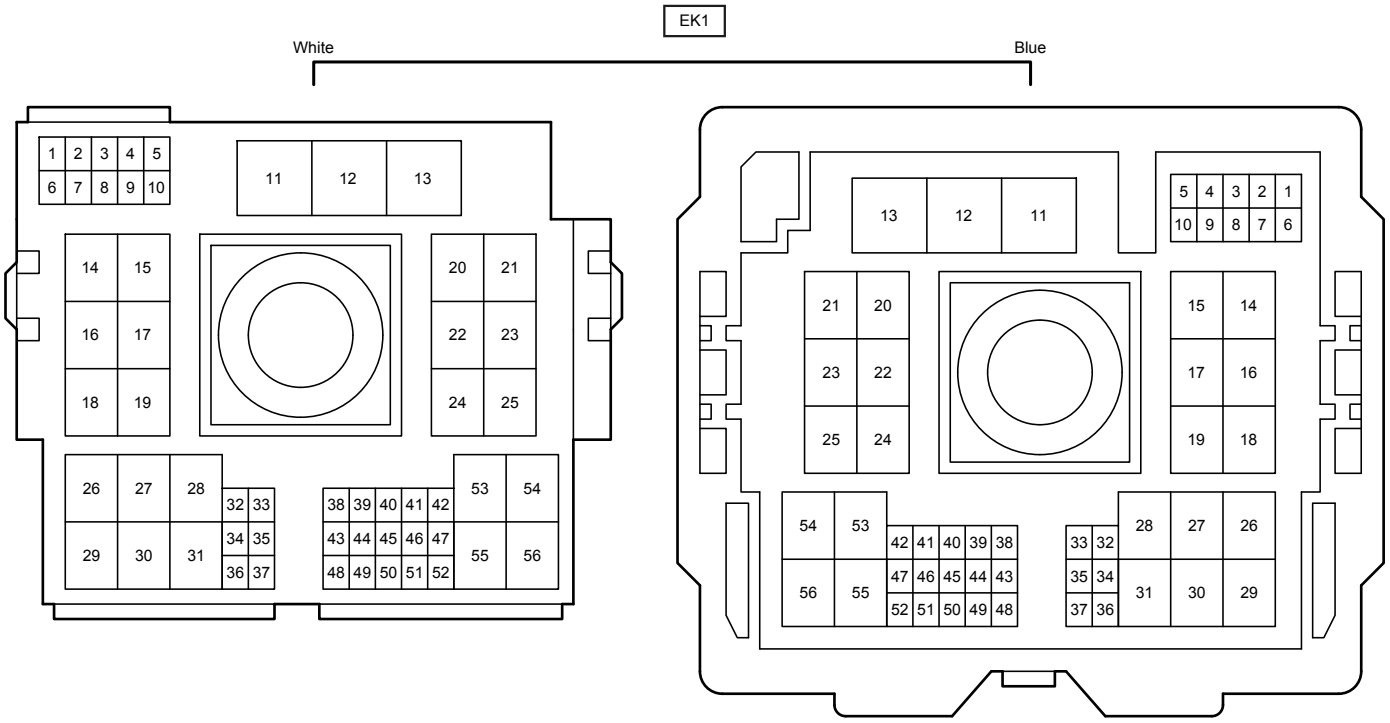
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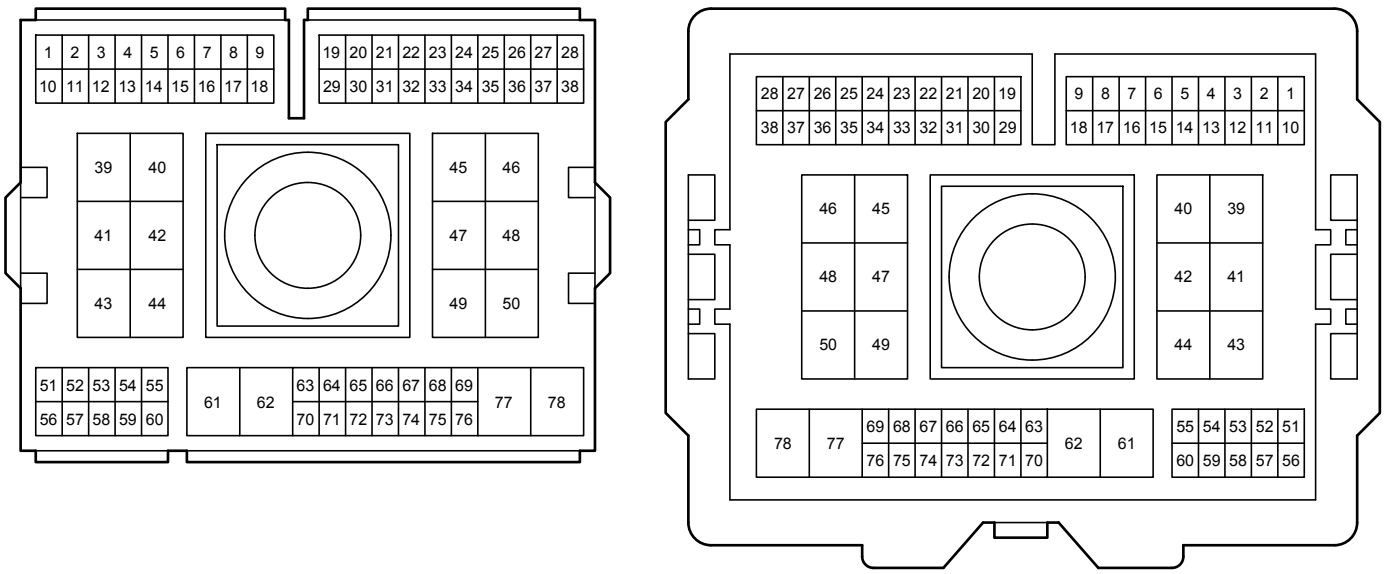
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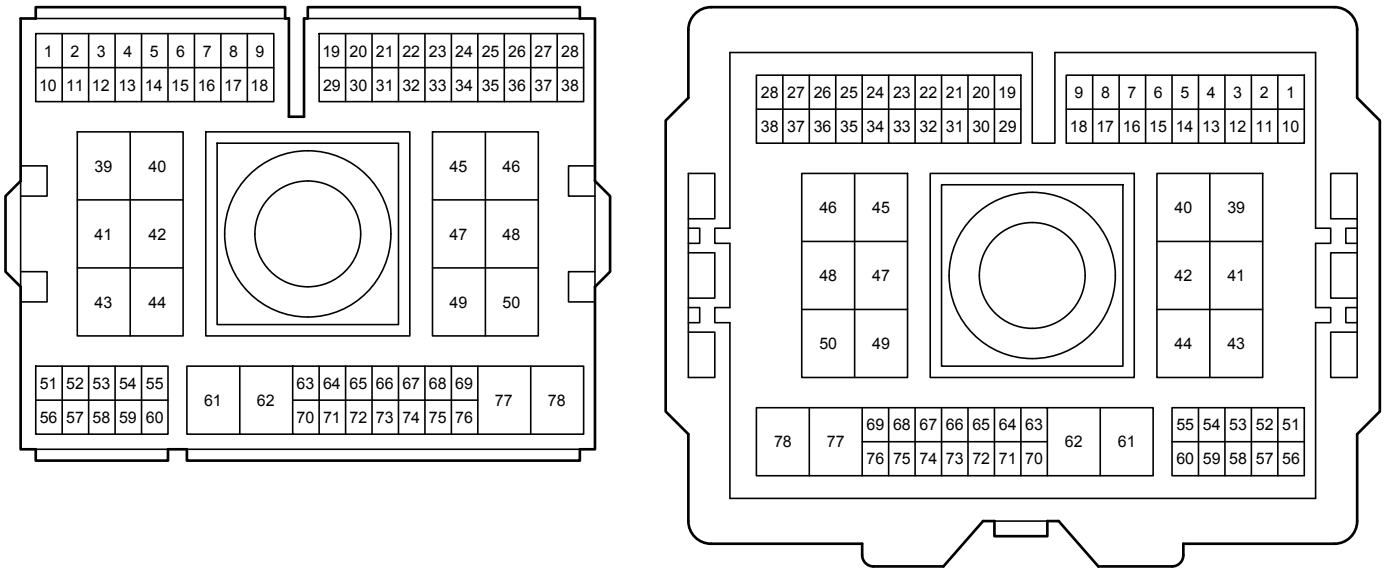
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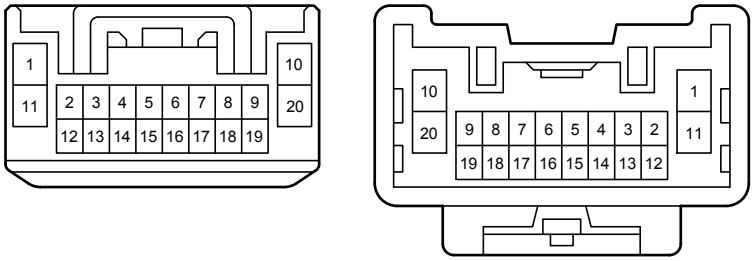
EK2
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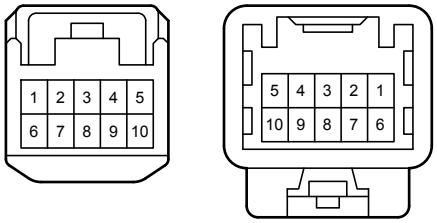
EL1
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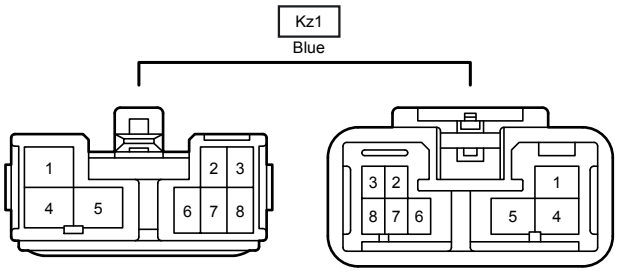


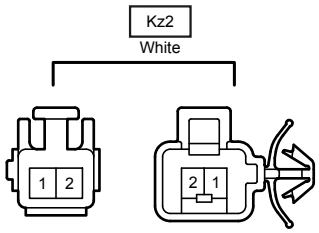
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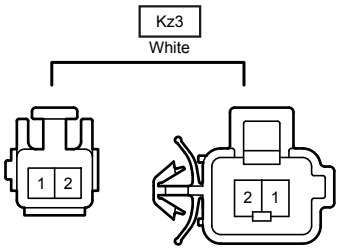


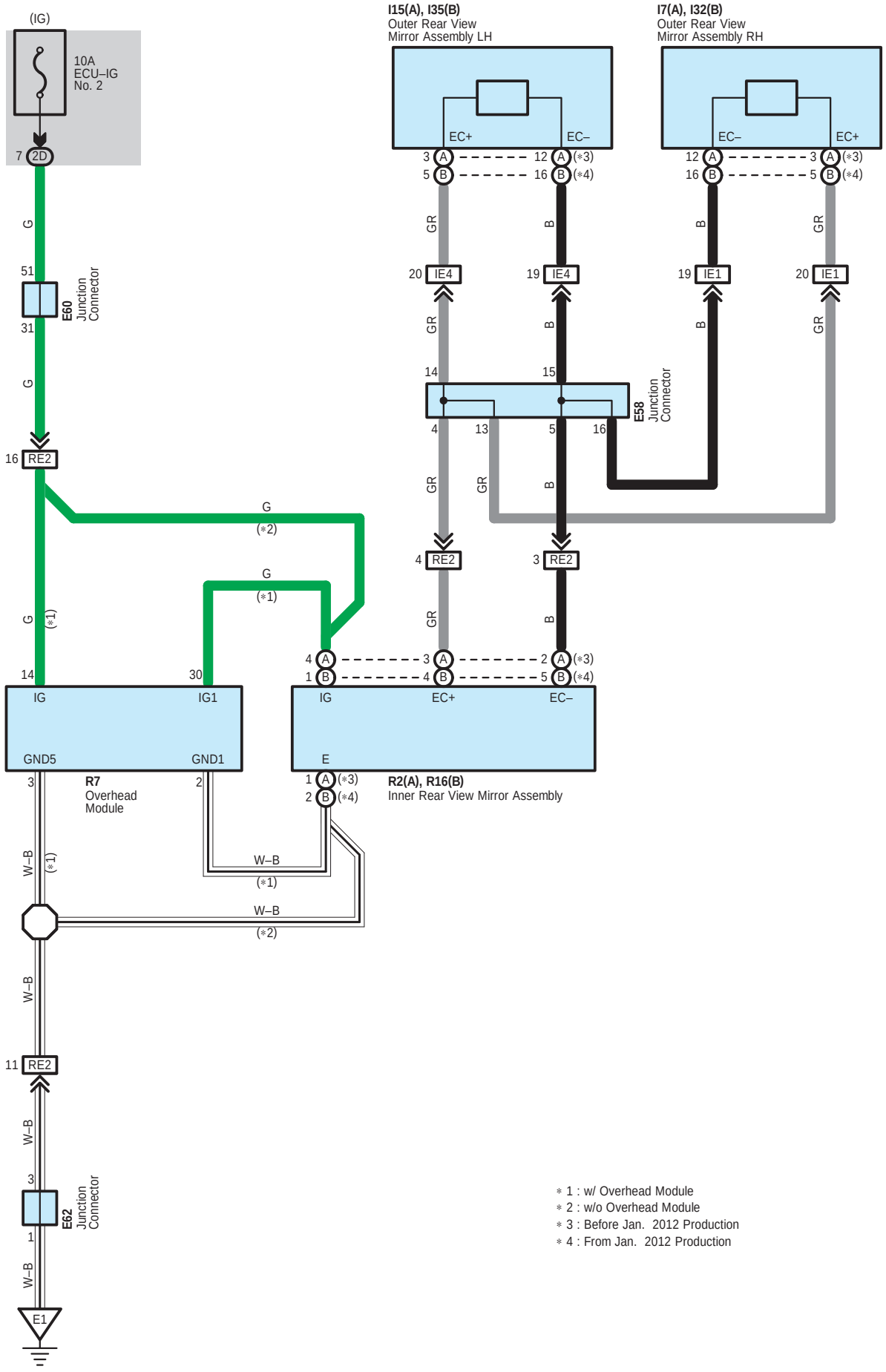
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Kz1
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4

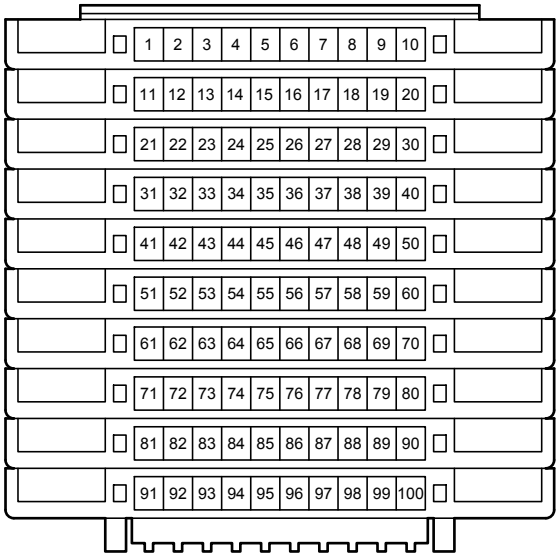

Kz2
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2
2
1


Kz3
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2
2
1

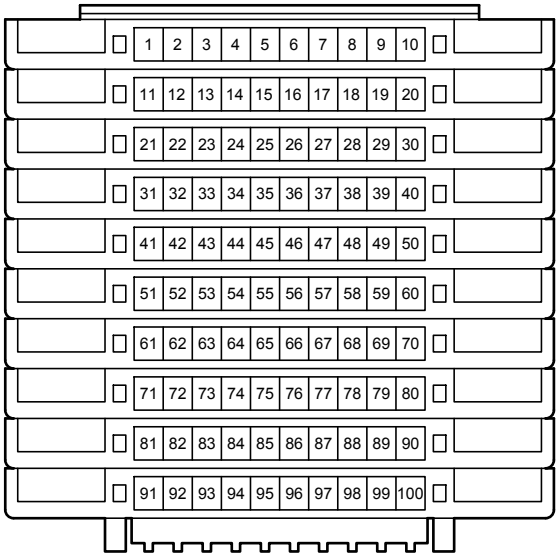


* 1 : w/ Overhead Module
* 2 : w/o Overhead Module
* 3 : Before Jan. 2012 Production
* 4 : From Jan. 2012 Production

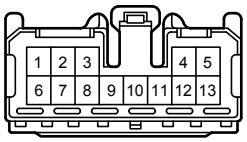
E 58



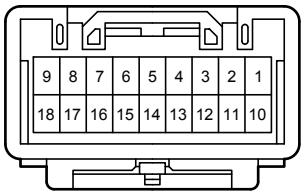
E 60



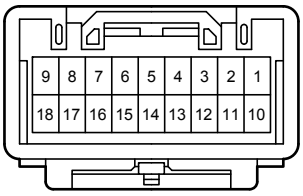
E 62
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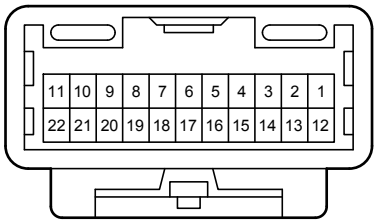
I 7
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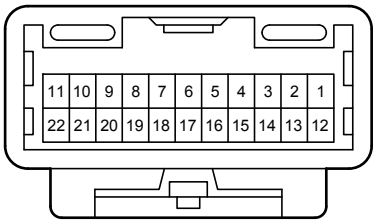
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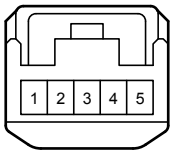
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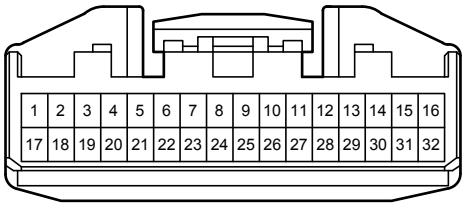
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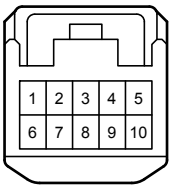
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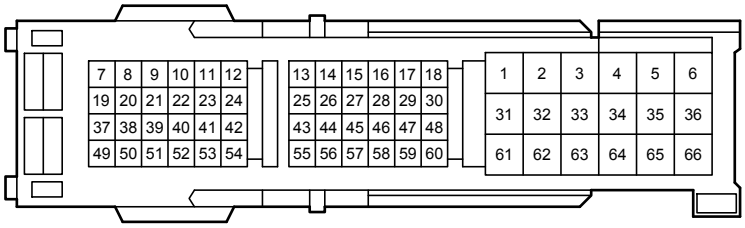
R 7
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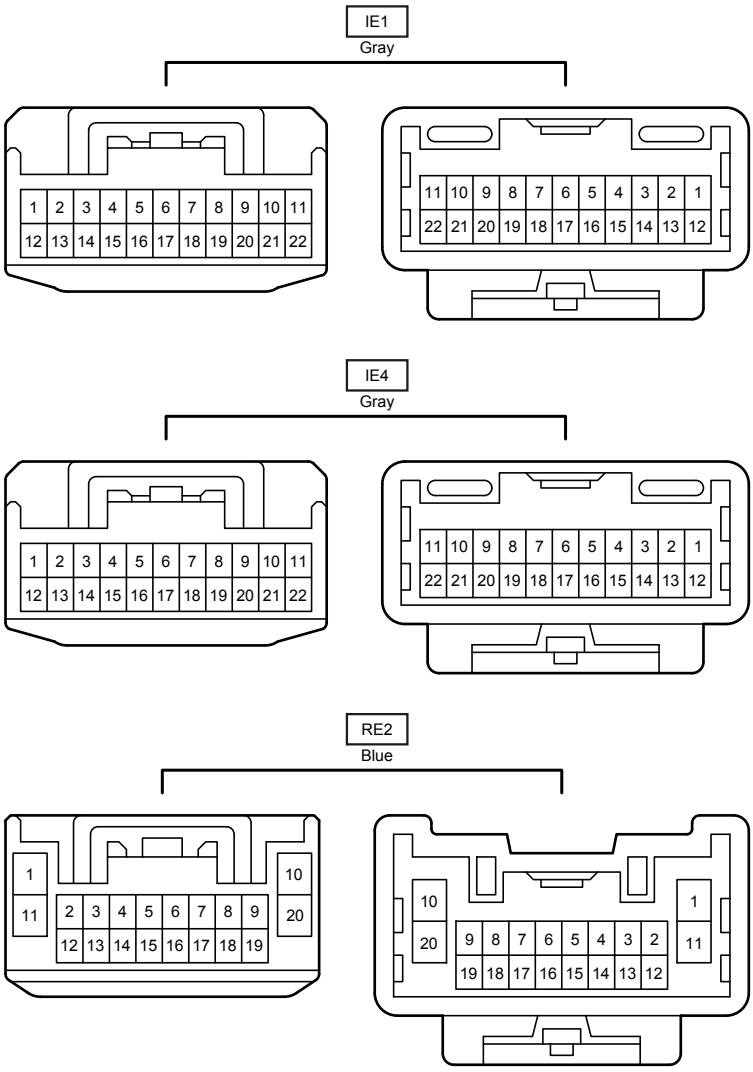


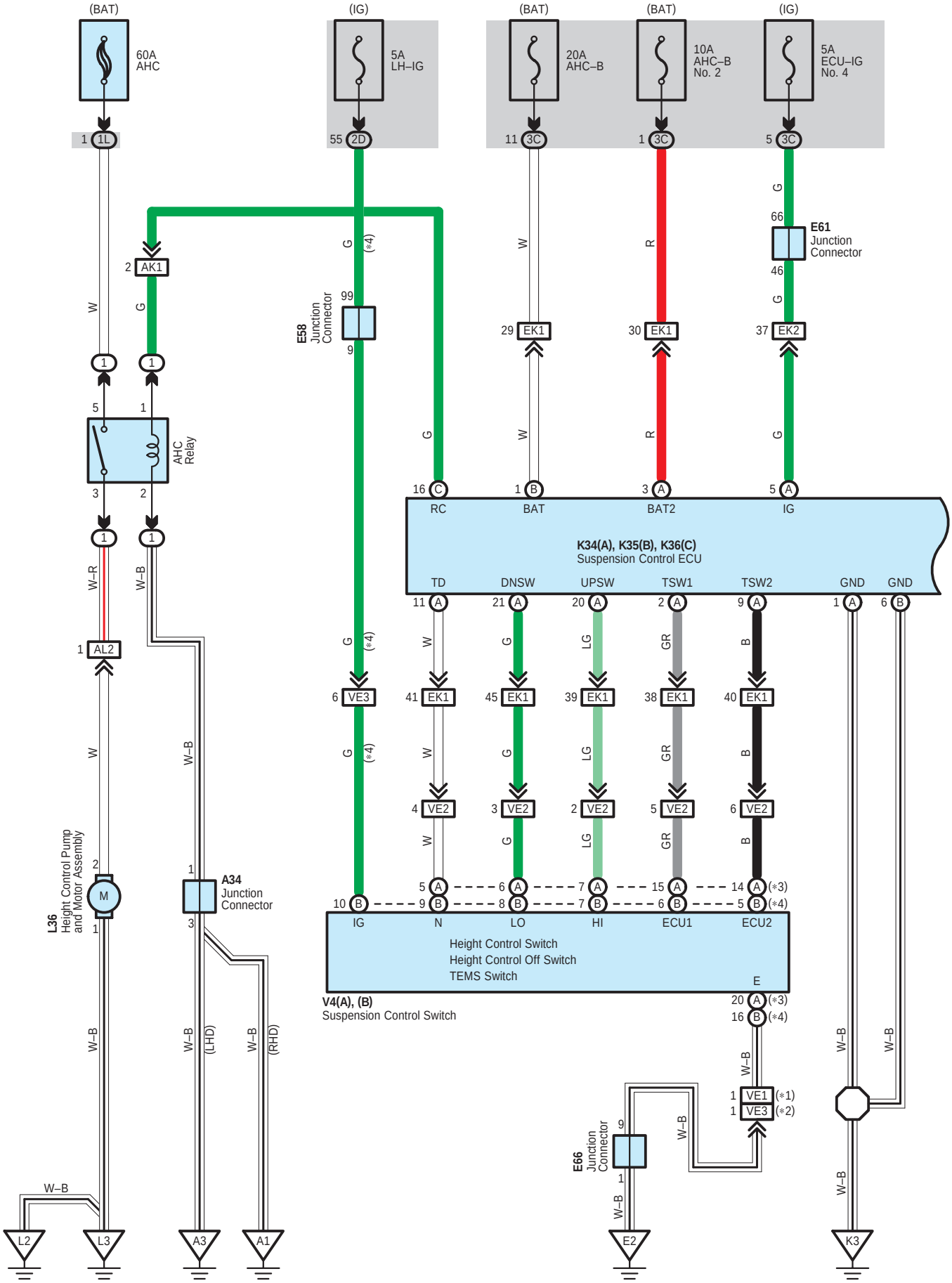
R 16
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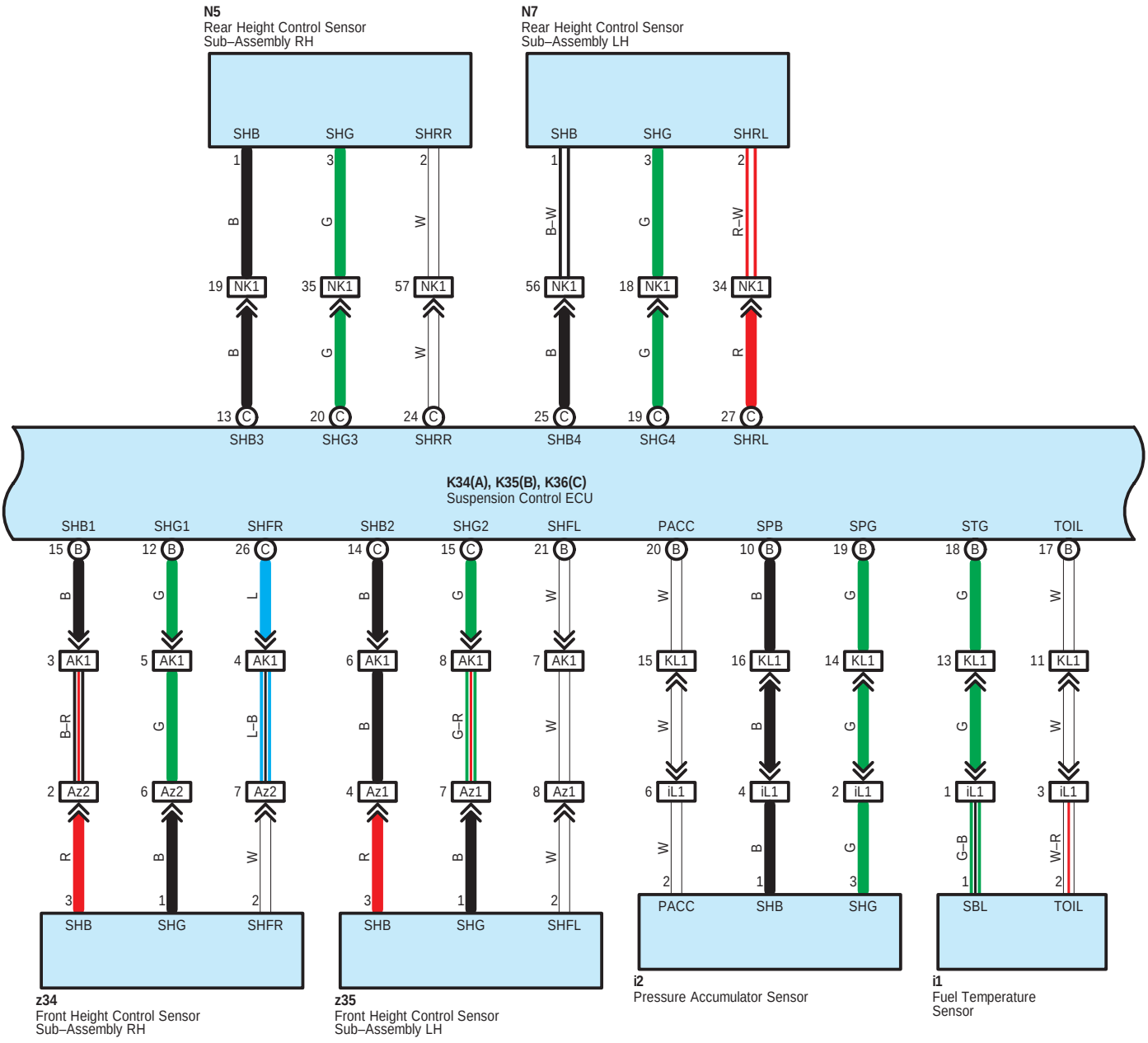
2D
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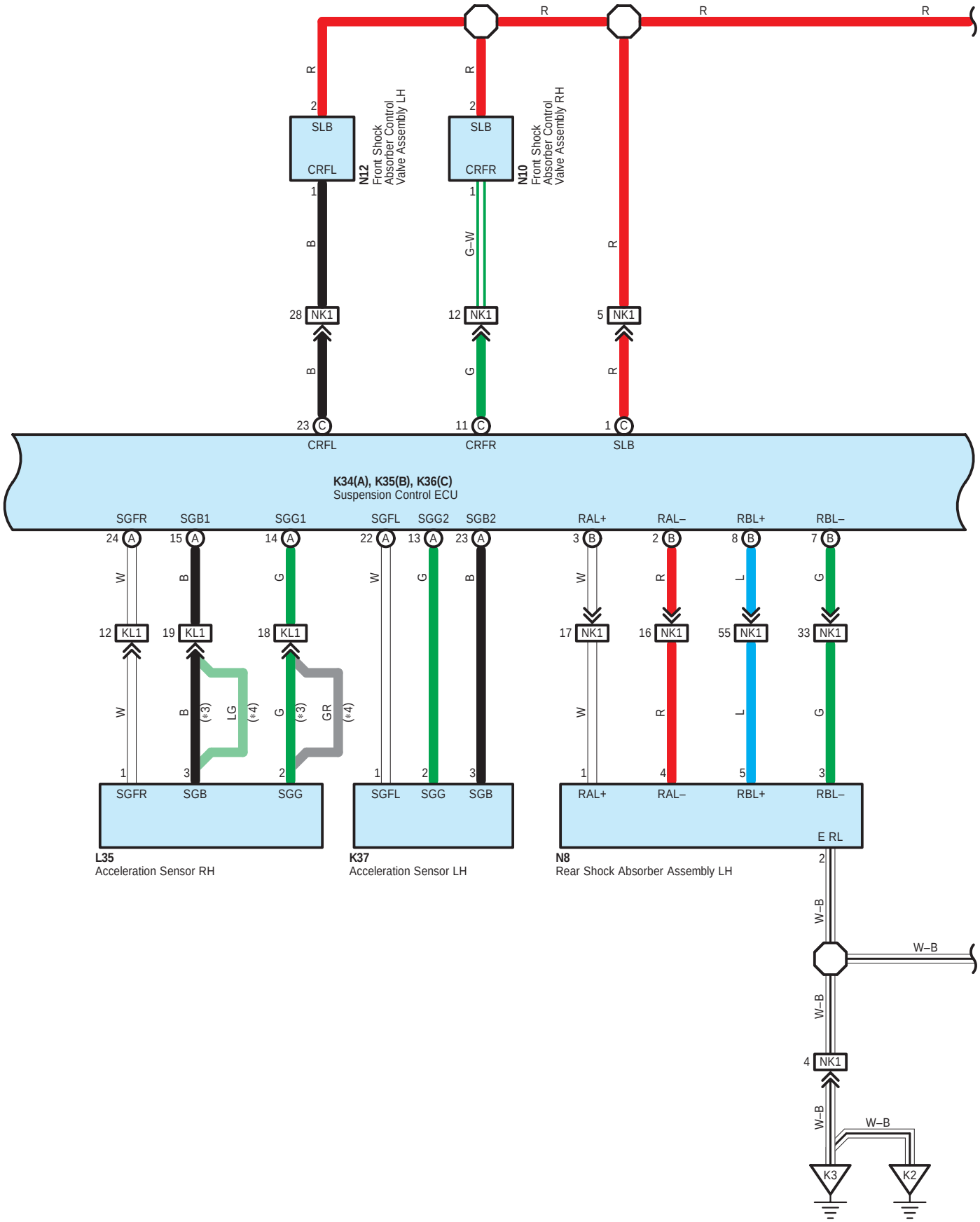



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11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12
IE4
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12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12
RE2
Blue
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1
11

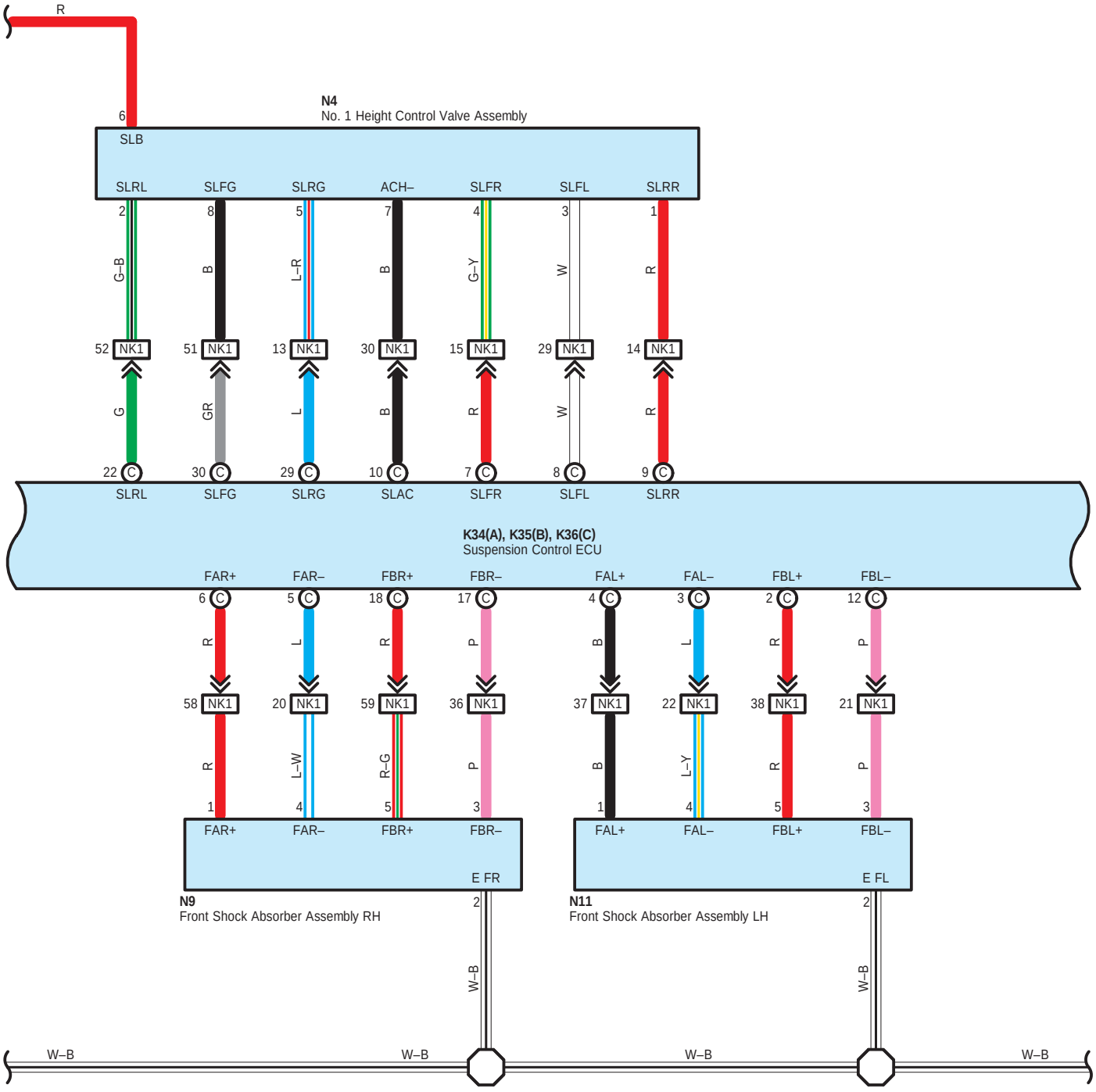

(BAT)
60A
AHC
1 1L
(IG)
5A
LH–IG
55 2D
(BAT)
20A
AHC–B
11 3C
(BAT)
10A
AHC–B
No. 2
1 3C
(IG)
5A
ECU–IG
No. 4
5 3C
G
66
E61
Junction
Connector
46
G
37 EK2
R
30 EK1
W
29 EK1
2 AK1
W
G
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AHC
Relay
3
2
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1
W–R
W–B
1 AL2
W
W–B
2
M
1
L36
Height Control Pump
and Motor Assembly
1
A34
Junction
Connector
3
W–B
W–B
(LHD)
W–B
(RHD)
W–B
L2
L3
A3
A1
G
(*4)
E58
Junction
Connector
99
9
G
(*4)
6 VE3
G
(*4)
16 C
RC
1 B
BAT
3 A
BAT2
5 A
IG
K34(A), K35(B), K36(C)
Suspension Control ECU
TD
DNSW
UPSW
TSW1
TSW2
GND
GND
11 A
21 A
20 A
2 A
9 A
1 A
6 B
W
G
LG
GR
B
41 EK1
45 EK1
39 EK1
38 EK1
40 EK1
W
G
LG
GR
B
4 VE2
3 VE2
2 VE2
5 VE2
6 VE2
W
G
LG
GR
B
5 A
6 A
7 A
15 A
14 A (*3)
10 B
9 B
8 B
7 B
6 B
5 B (*4)
IG
N
LO
HI
ECU1
ECU2
Height Control Switch
Height Control Off Switch
TEMS Switch
V4(A), (B)
Suspension Control Switch
E
20 A (*3)
16 B (*4)
W–B
1 VE1 (*1)
1 VE3 (*2)
E66
Junction
Connector
9
1
W–B
W–B
W–B
W–B
W–B
E2
K3

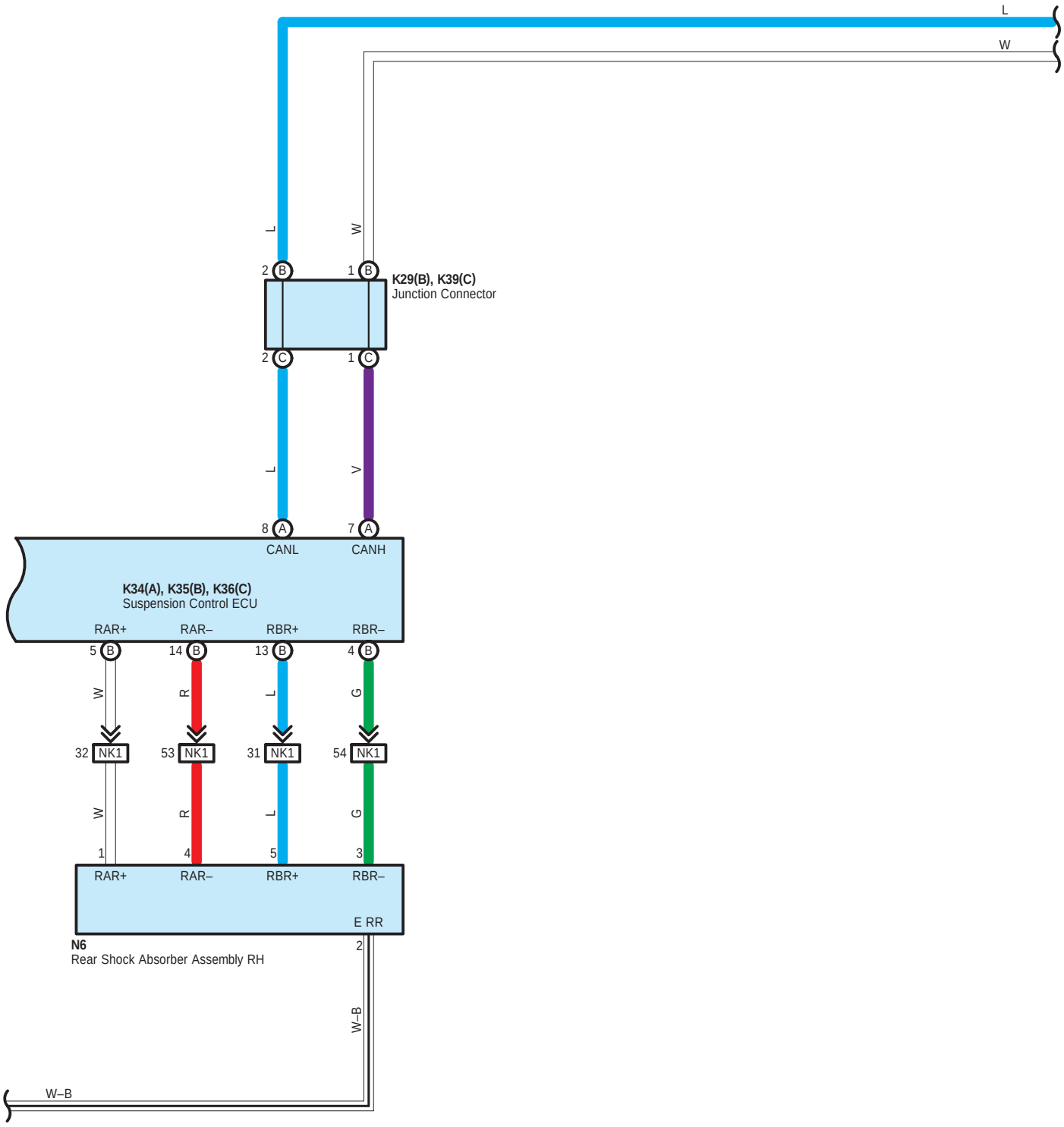
* 1 : Before Jul. 2009 Production
* 2 : From Jul. 2009 Production
* 3 : Before Jan. 2012 Production
* 4 : From Jan. 2012 Production

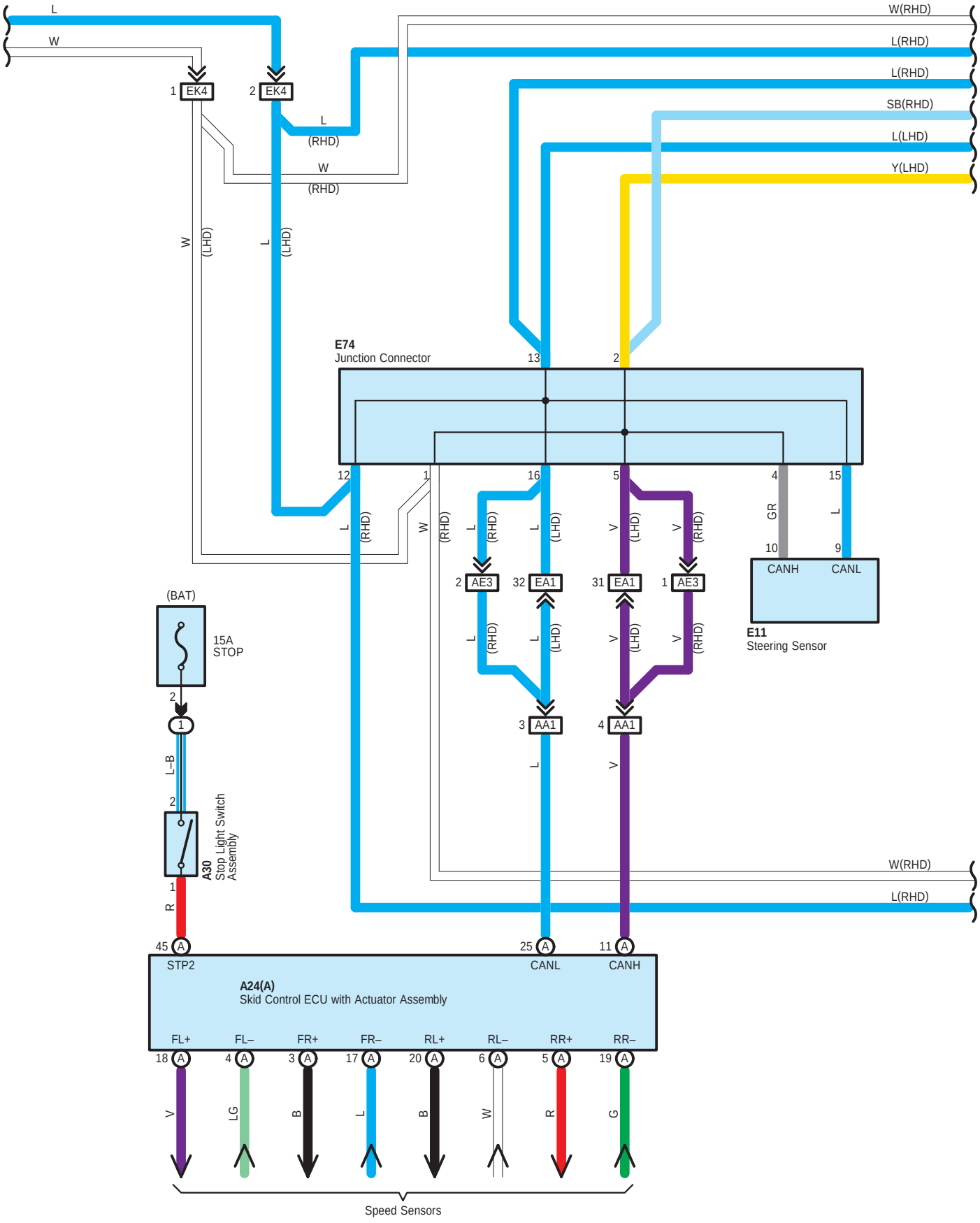


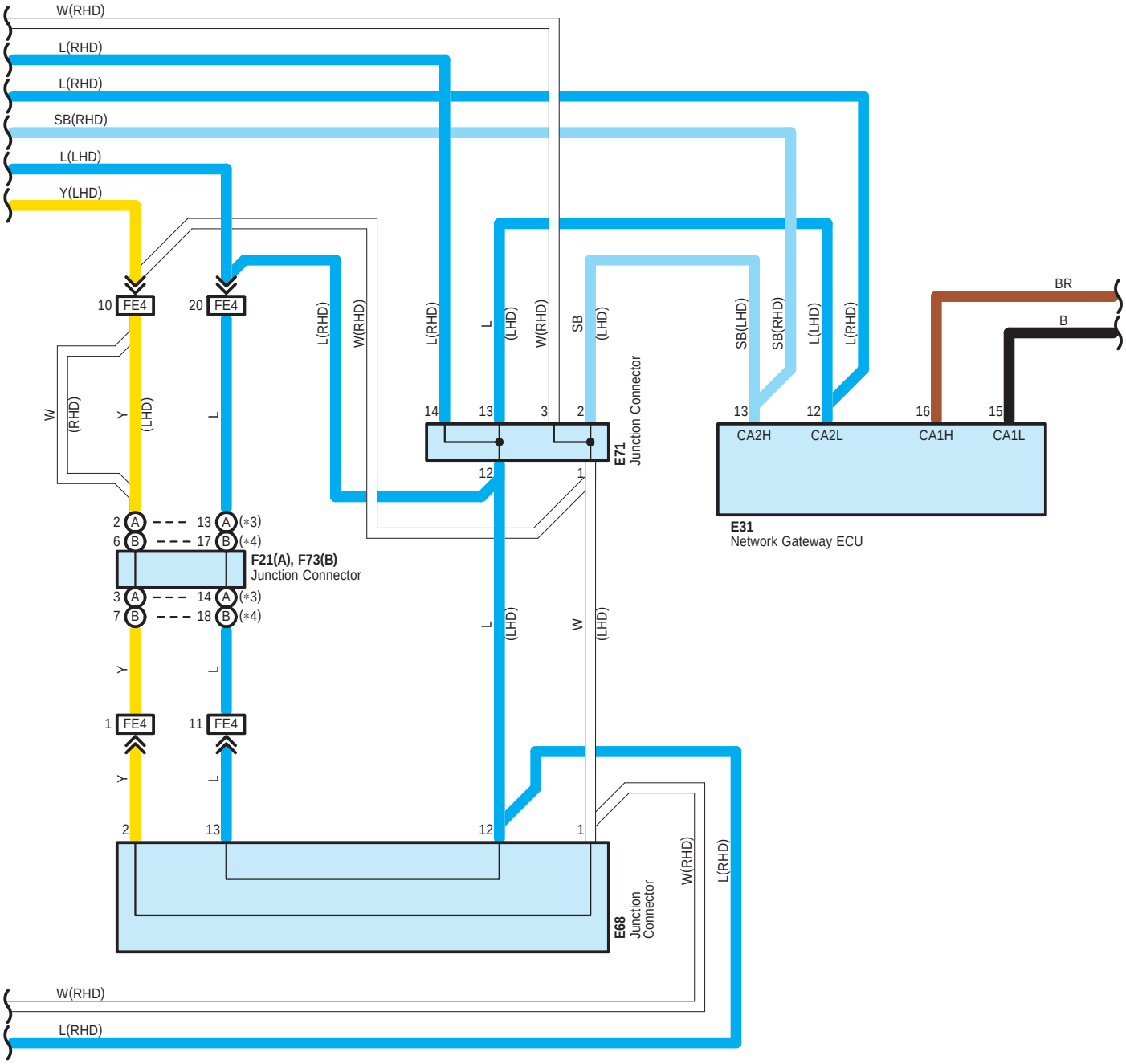

R
R
R
R
2
SLB
CRFL
1
N12
Front Shock Absorber Control Valve Assembly LH
B
28 NK1
B
23 C
CRFL
2
SLB
CRFR
1
N10
Front Shock Absorber Control Valve Assembly RH
G–W
12 NK1
G
11 C
CRFR
R
5 NK1
R
1 C
SLB
K34(A), K35(B), K36(C)
Suspension Control ECU
SGFR
SGB1
SGG1
SGFL
SGG2
SGB2
RAL+
RAL–
RBL+
RBL–
24 A
15 A
14 A
22 A
13 A
23 A
3 B
2 B
8 B
7 B
W
B
G
W
G
B
W
R
L
G
12 KL1
19 KL1
18 KL1
17 NK1
16 NK1
55 NK1
33 NK1
W
B
(*3)
LG
(*4)
G
(*3)
GR
(*4)
W
R
L
G
1
3
2
1
2
3
1
4
5
3
SGFR
SGB
SGG
SGFL
SGG
SGB
RAL+
RAL–
RBL+
RBL–
E RL
L35
Acceleration Sensor RH
K37
Acceleration Sensor LH
N8
Rear Shock Absorber Assembly LH
2
W–B
W–B
W–B
4 NK1
W–B
W–B
K3
K2

* 3 : Before Jan. 2012 Production
* 4 : From Jan. 2012 Production

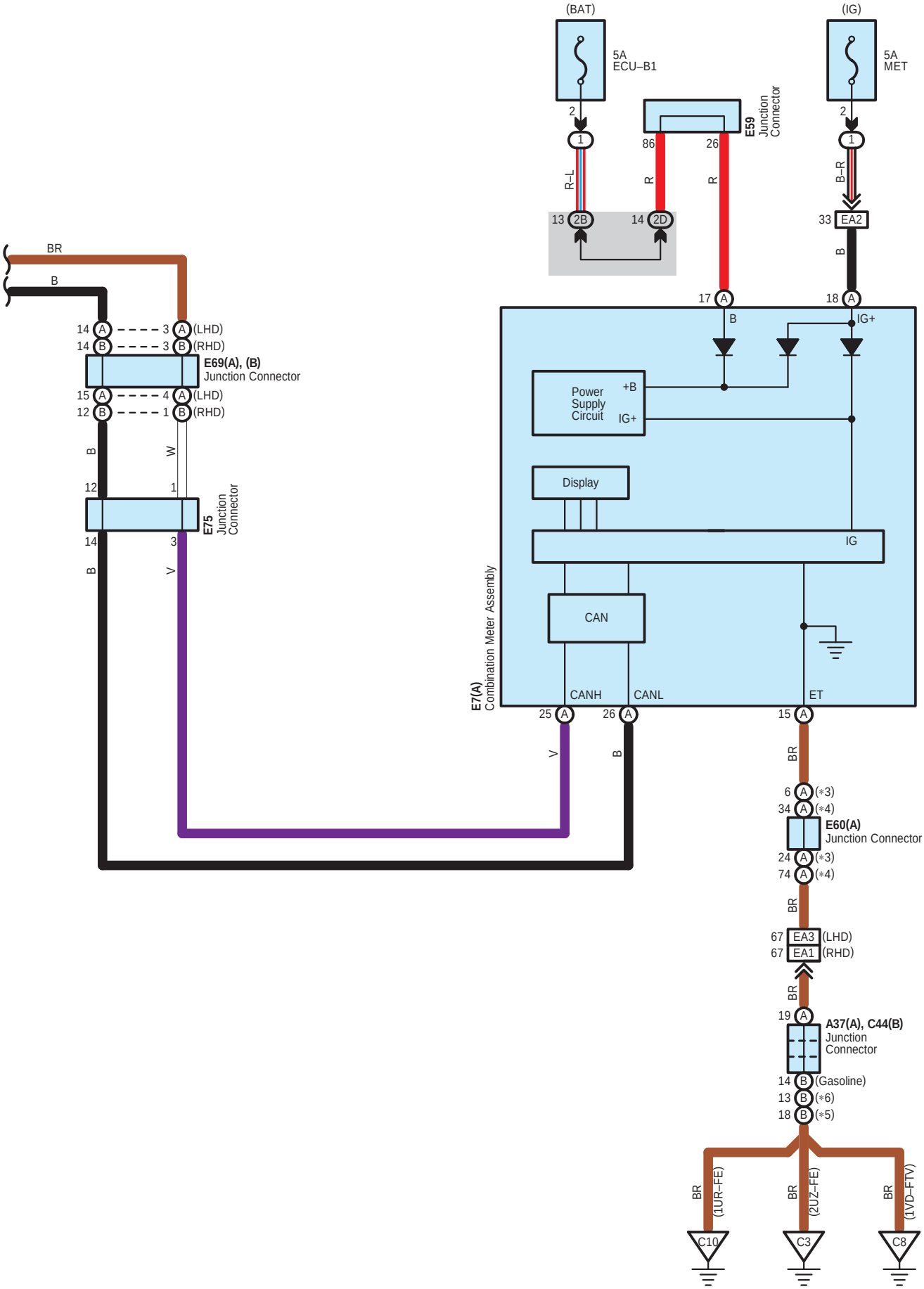



L
W
L
W
2 B
1 B
K29(B), K39(C)
Junction Connector
2 C
1 C
L
V
8 A
7 A
CANL
CANH
K34(A), K35(B), K36(C)
Suspension Control ECU
RAR+
RAR–
RBR+
RBR–
5 B
14 B
13 B
4 B
W
R
L
G
32 NK1
53 NK1
31 NK1
54 NK1
W
R
L
G
1
4
5
3
RAR+
RAR–
RBR+
RBR–
E RR
2
N6
Rear Shock Absorber Assembly RH
W–B
W–B

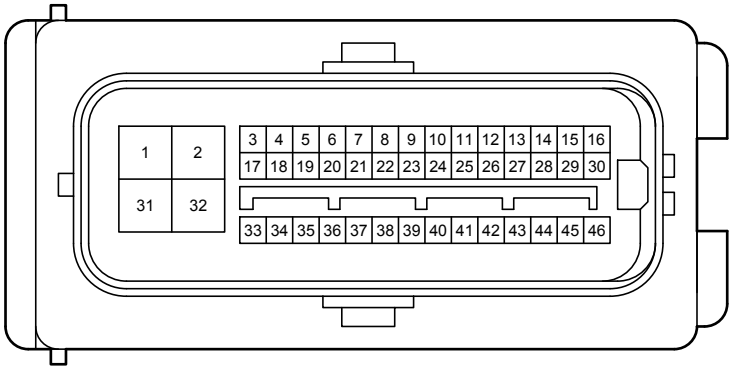

L
W
1 EK4
2 EK4
L (RHD)
W (RHD)
W (LHD)
L (LHD)
W(RHD)
L(RHD)
L(RHD)
SB(RHD)
L(LHD)
Y(LHD)
E74
Junction Connector
13
2
12
1
16
5
4
15
GR
L
10
9
CANH
CANL
E11
Steering Sensor
2 AE3
32 EA1
31 EA1
1 AE3
3 AA1
4 AA1
(BAT)
15A
STOP
2
1
L–B
2
A30
Stop Light Switch
Assembly
1
R
W(RHD)
L(RHD)
45 A
25 A
11 A
STP2
CANL
CANH
A24(A)
Skid Control ECU with Actuator Assembly
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
V
LG
B
L
B
W
R
G
Speed Sensors



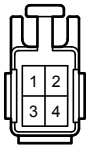
* 3 : Before Jan. 2012 Production
* 4 : From Jan. 2012 Production
* 5 : 1VD–FTV w/ DPF
* 6 : 1VD–FTV w/o DPF


(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction
Connector
R–L
R
R
B–R
13 2B
14 2D
33 EA2
17 A
18 A
B
IG+
Power
Supply
Circuit
+B
IG+
Display
IG
CAN
CANH
CANL
ET
E7(A)
Combination Meter Assembly
25 A
26 A
15 A
V
B
BR
B
14 A 3 A (LHD)
14 B 3 B (RHD)
E69(A), (B)
Junction Connector
15 A 4 A (LHD)
12 B 1 B (RHD)
B
W
12
1
E75
Junction
Connector
14
3
B
V
BR
6 A (*3)
34 A (*4)
E60(A)
Junction Connector
24 A (*3)
74 A (*4)
BR
67 EA3 (LHD)
67 EA1 (RHD)
BR
19 A
A37(A), C44(B)
Junction
Connector
14 B (Gasoline)
13 B (*6)
18 B (*5)
BR
(1UR–FE)
BR
(2UZ–FE)
BR
(1VD–FTV)
C10
C3
C8

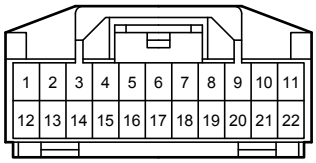
A 24
Black



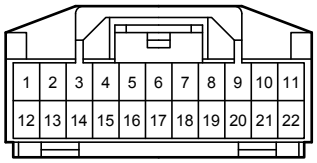
A 30
Gray



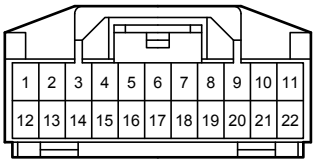
A 34
White



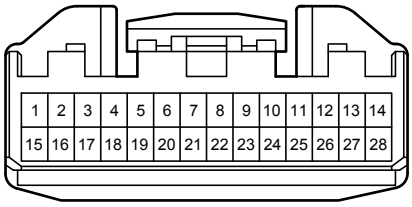
A 37
Blue



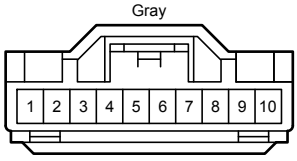
C 44
Blue



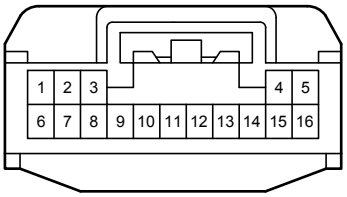
E 7
White



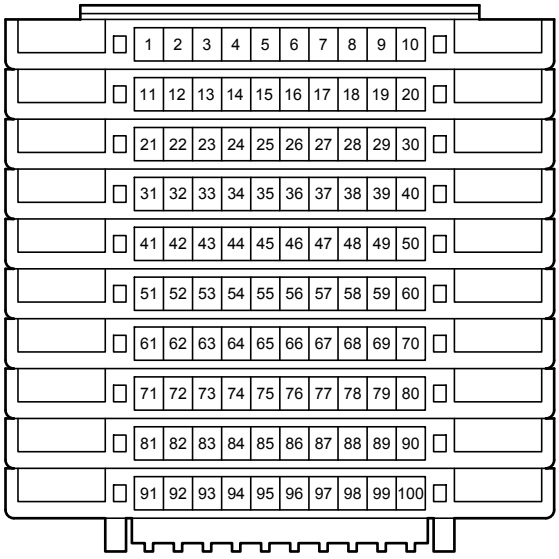
E 11
Gray



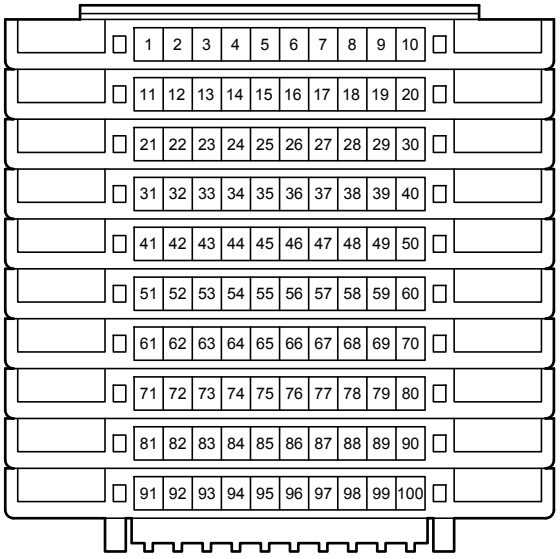
E 31
White



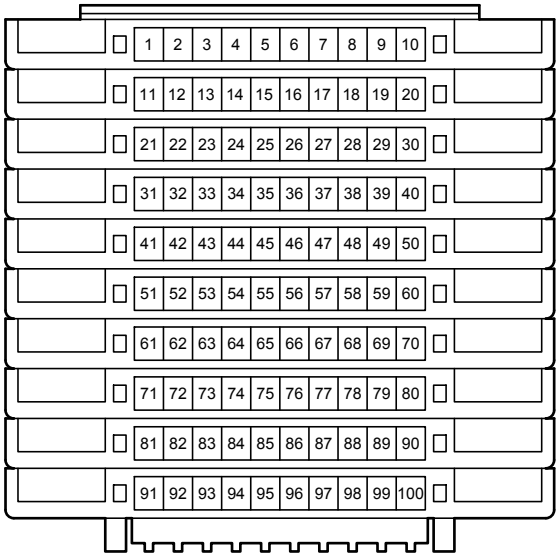
E 58



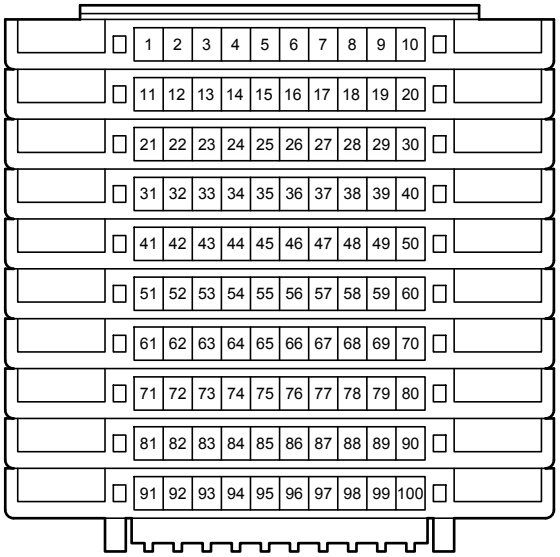
E 59



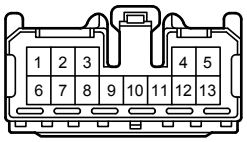
E 60



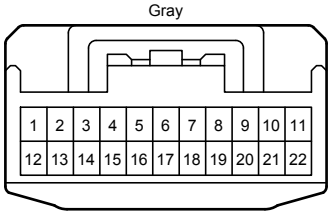
E 61



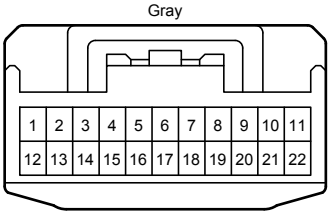
E 66
White



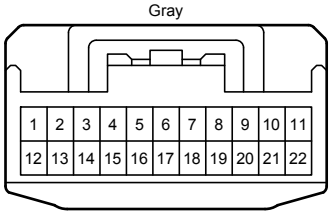
E 68
Gray



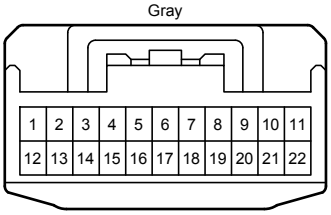
E 69
Gray



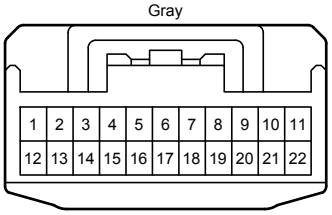
E 71
Gray



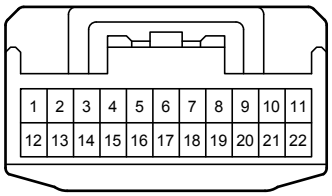
E 74
Gray



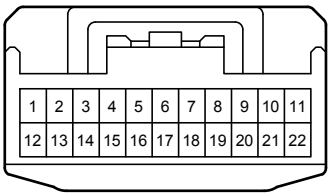
E 75
Gray



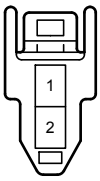
F 21
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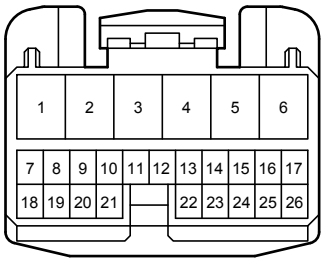
F 73
Blue



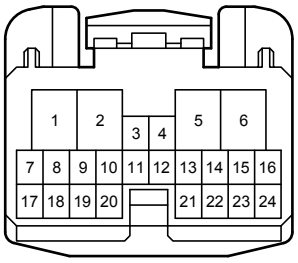
K 29
White



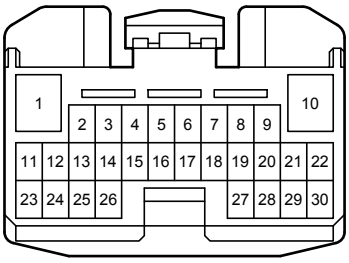
K 34
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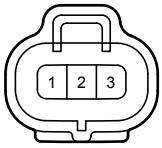
K 35
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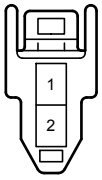
K 36
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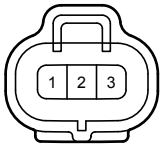
K 37
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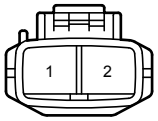
K 39
White



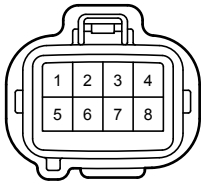
L 35
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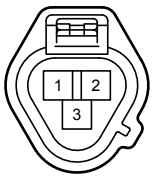
L 36
Black



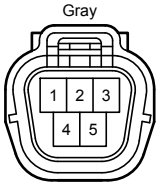
N 4
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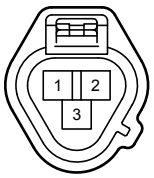
N 5
Black



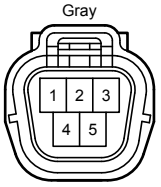
N 6
Gray



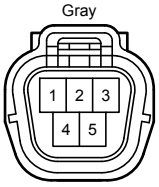
N 7
Black



N 8
Gray



N 9
Gray



N 10
Gray



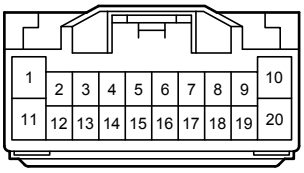
N 11
Gray



N 12
Gray



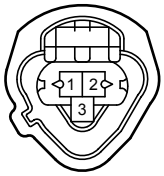
V 4
White



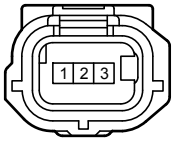
i 1
Gray



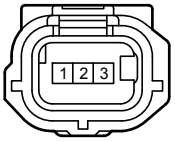
i 2
Black



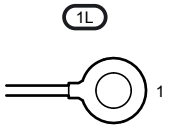
z 34
Black



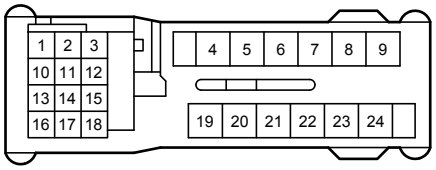
z 35
Black



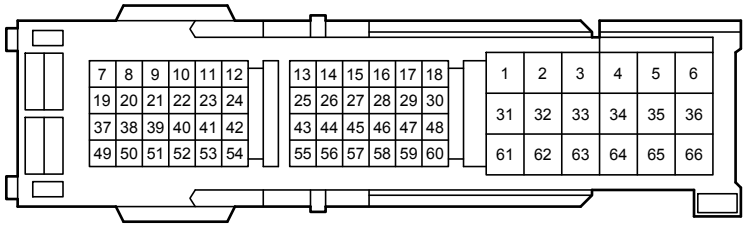
1L



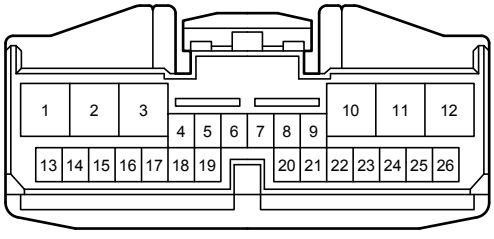
2B
White



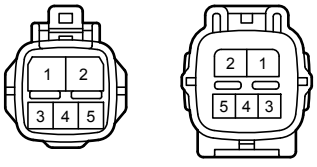
2D
White



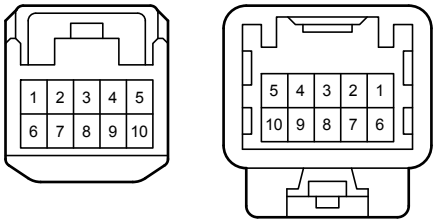
3C
White



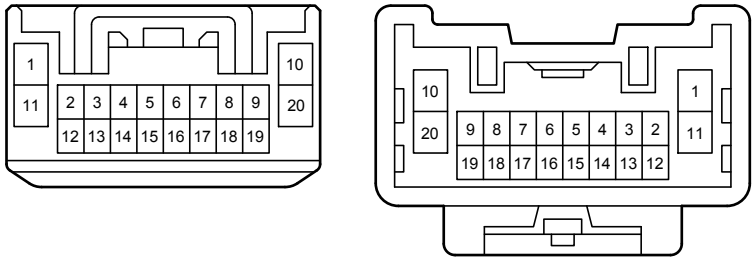
AA1
Gray



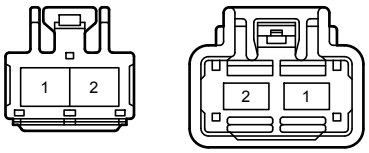
AE3
Gray



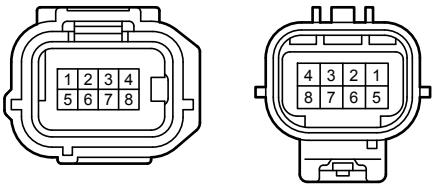
AK1
Blue



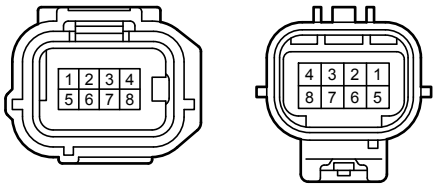
AL2
White



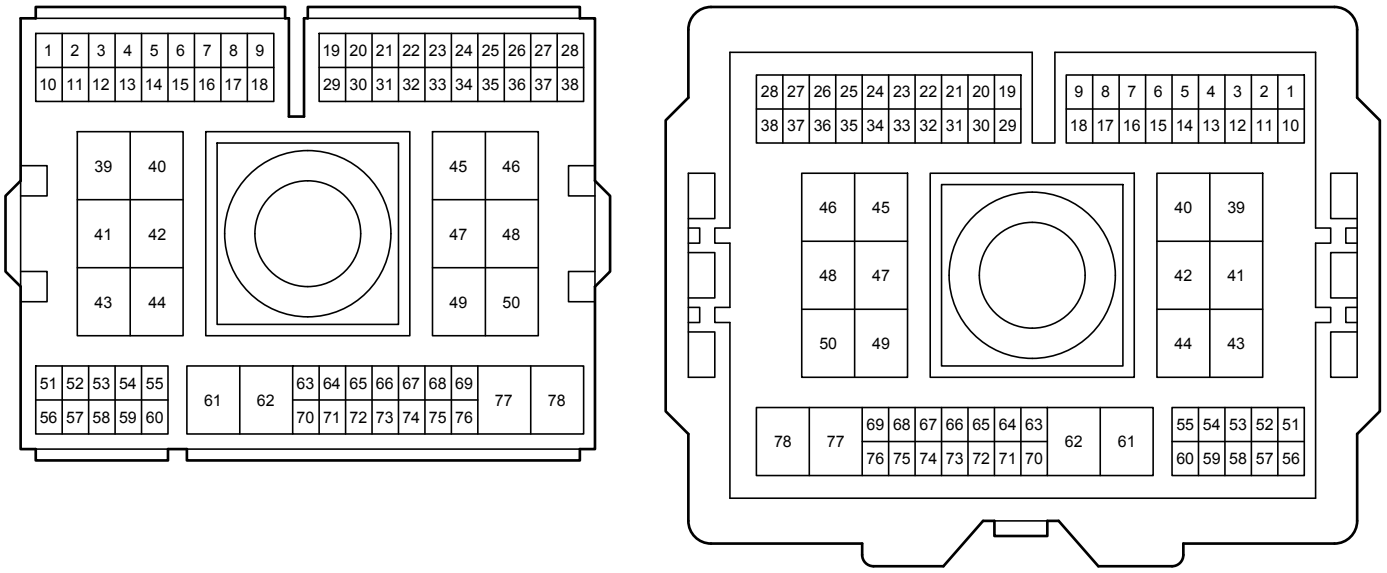
Az1
Gray



Az2
Gray

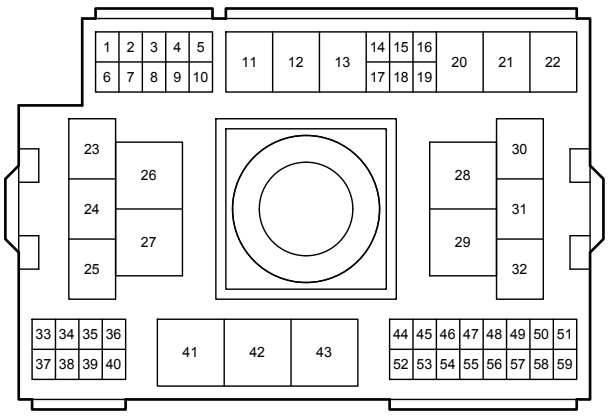


EA1
White

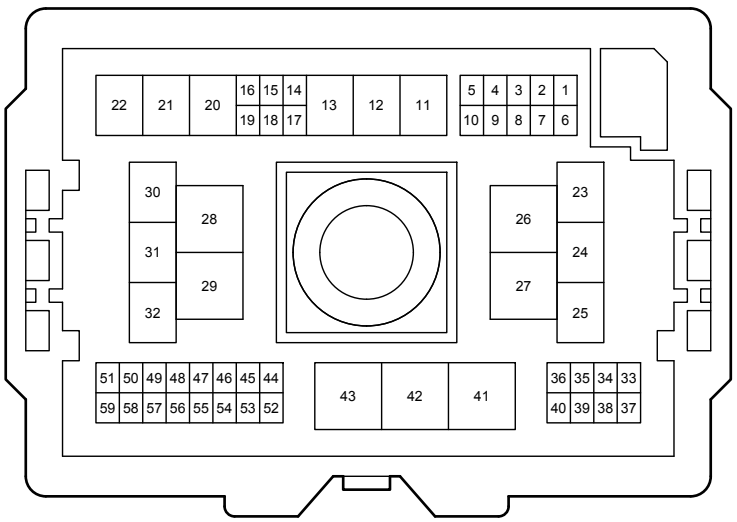


EA2

White

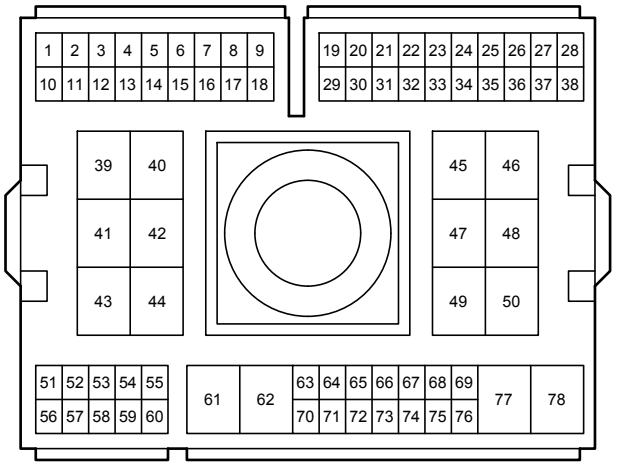


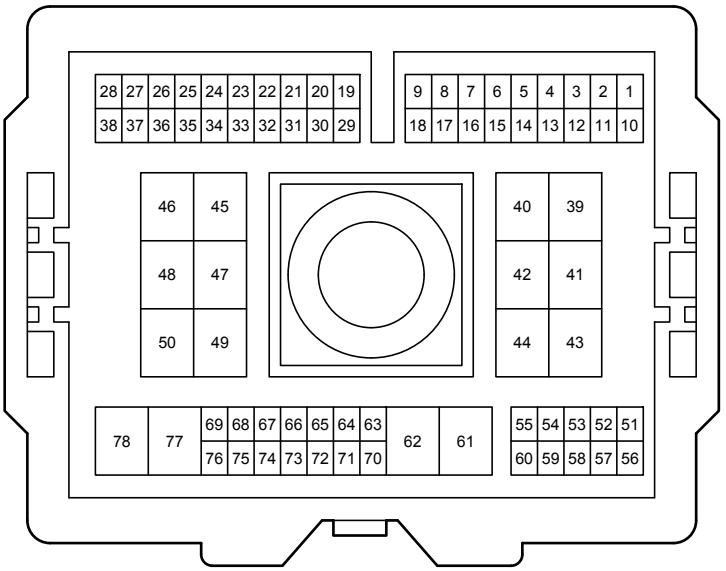
Gray



EA3

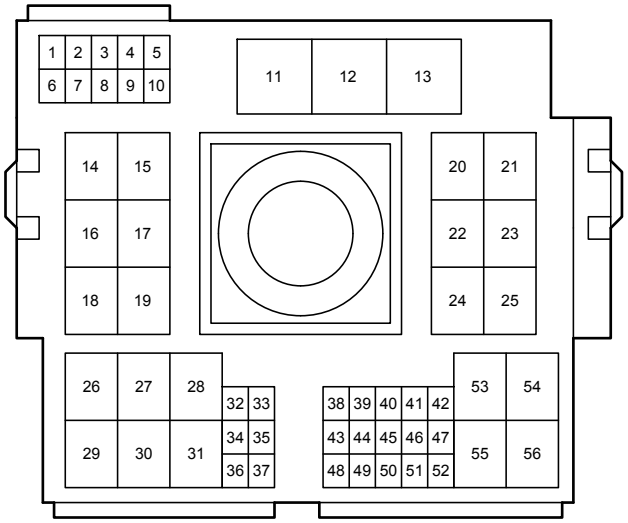
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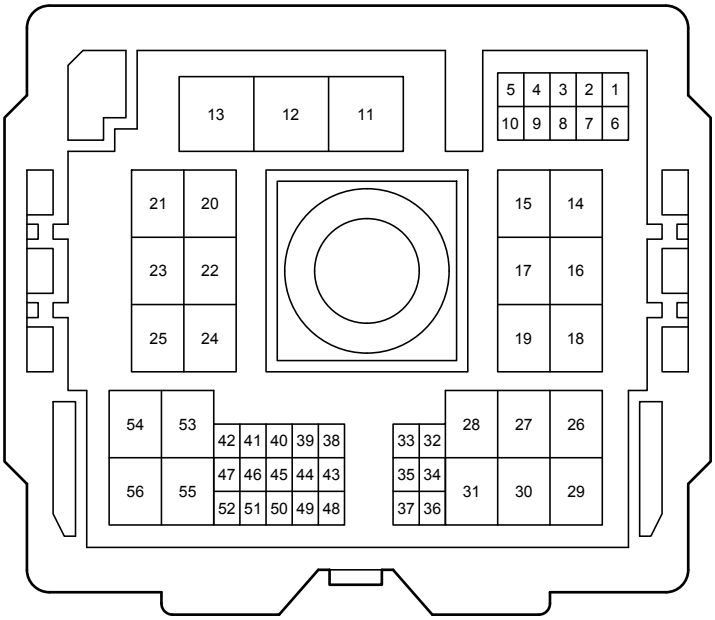


EK1

White

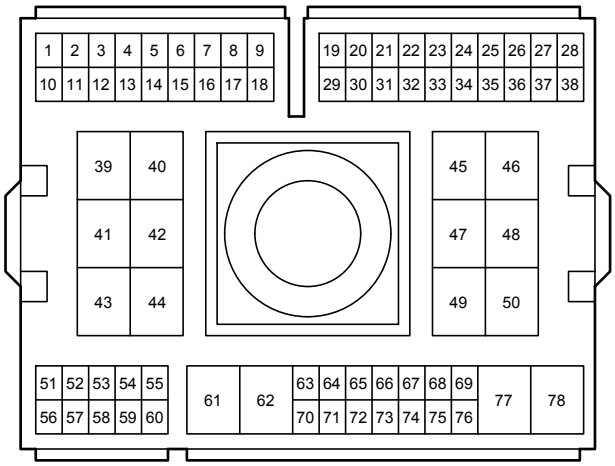


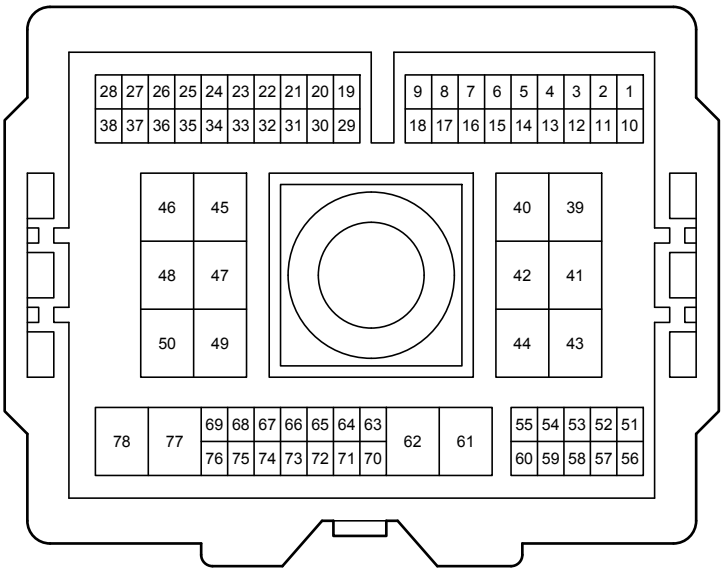
Blue



EK2

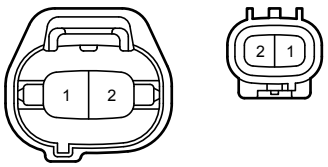
White





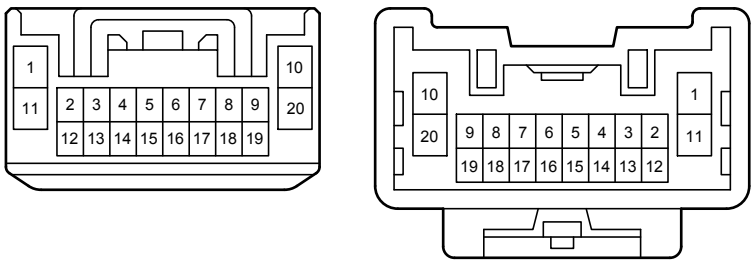
EK4

White

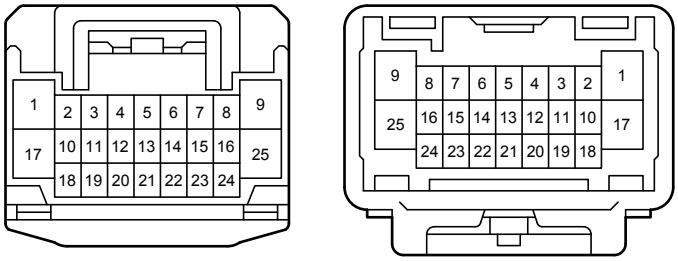


FE4

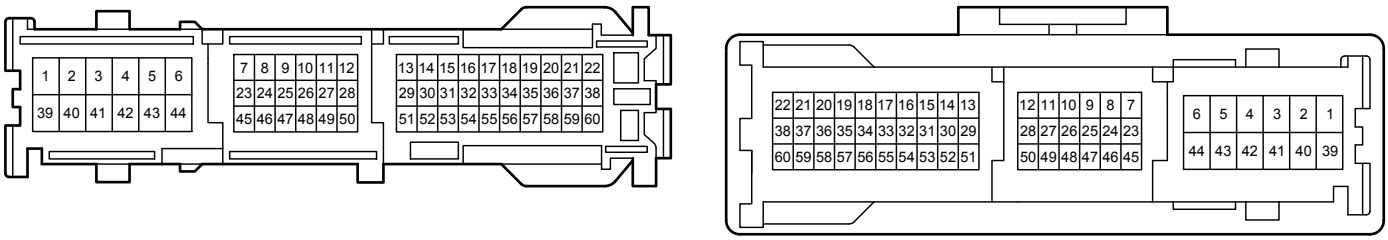
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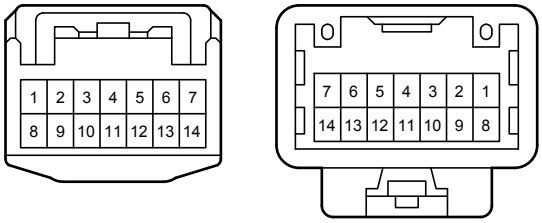
KL1
White



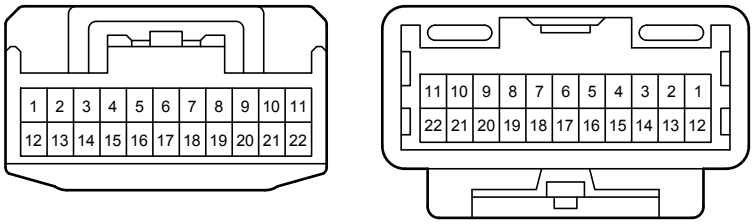
NK1
White



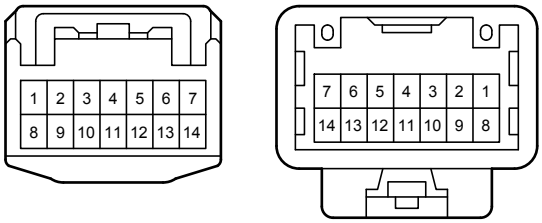
VE1
White



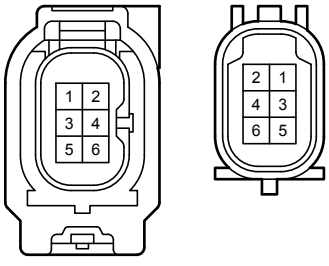
VE2
White

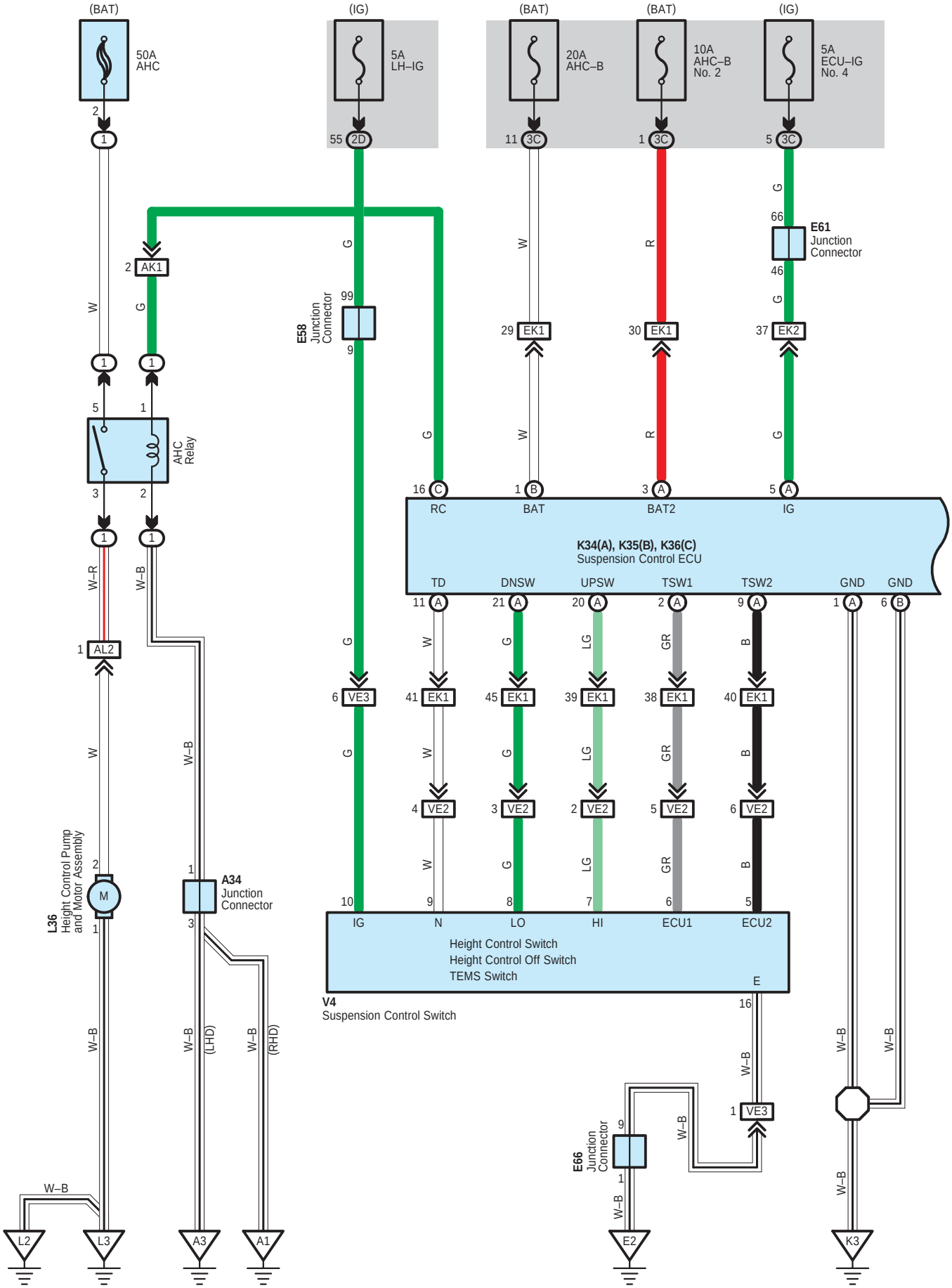


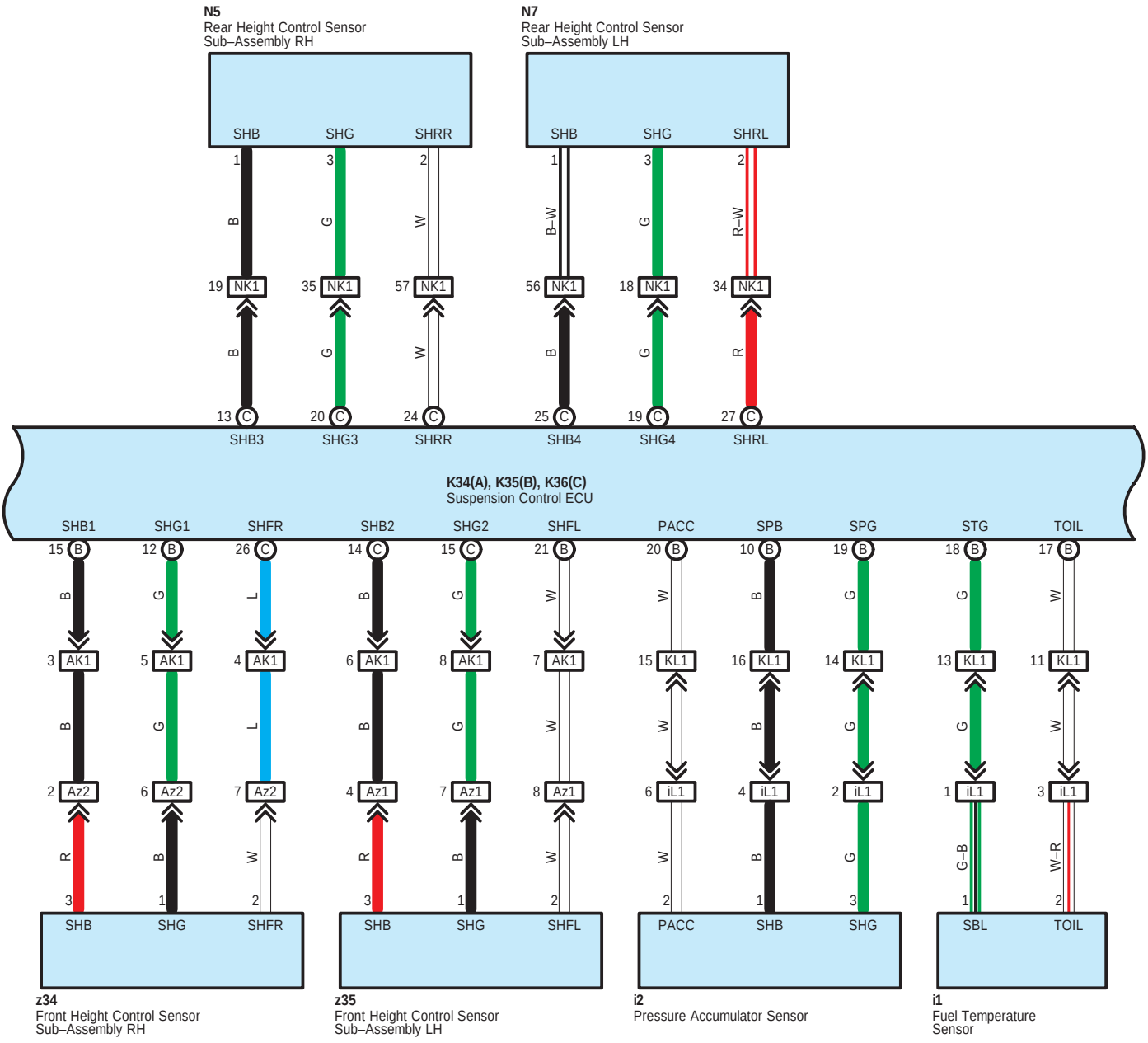
VE3
Gray

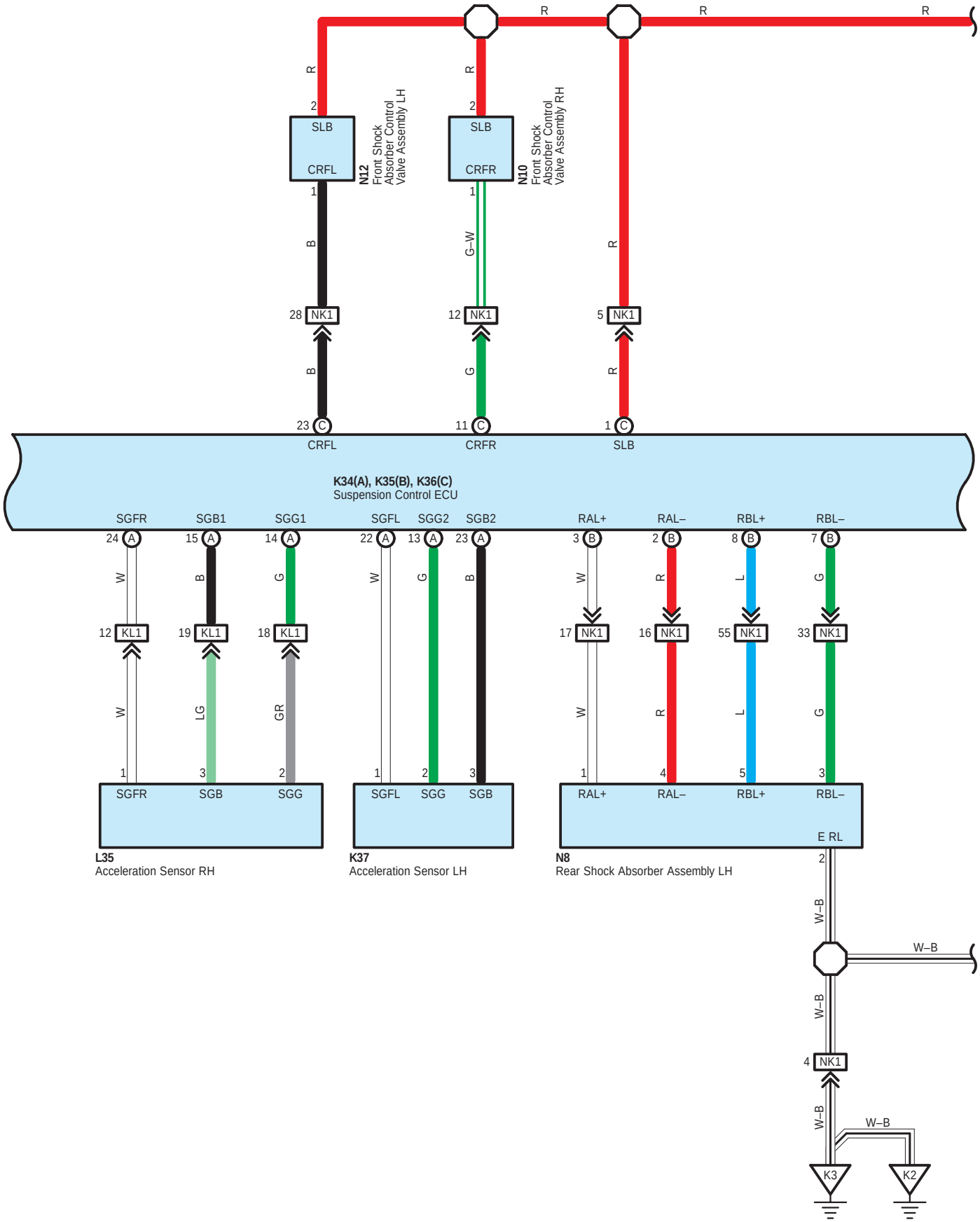


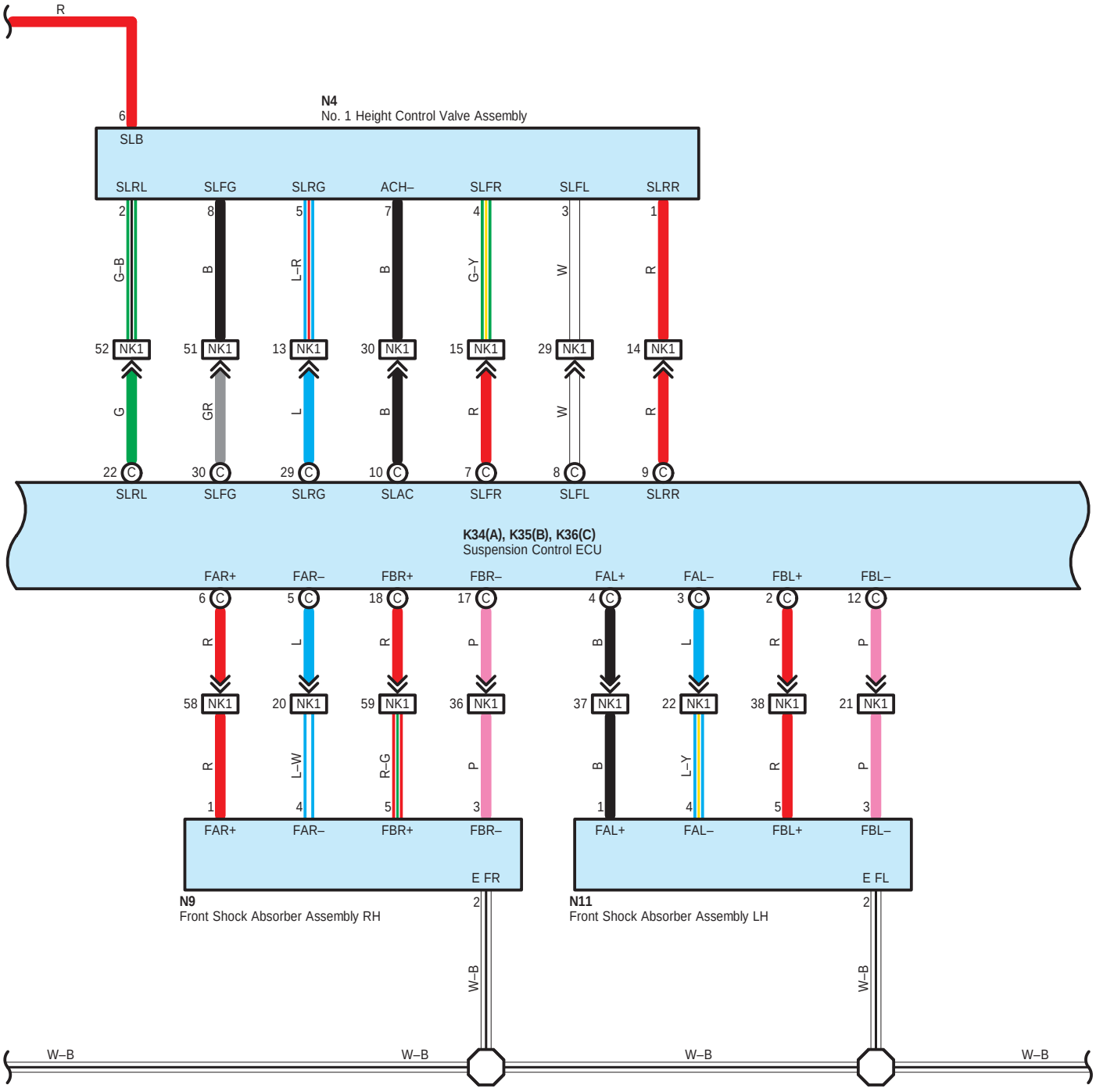
iL1
White

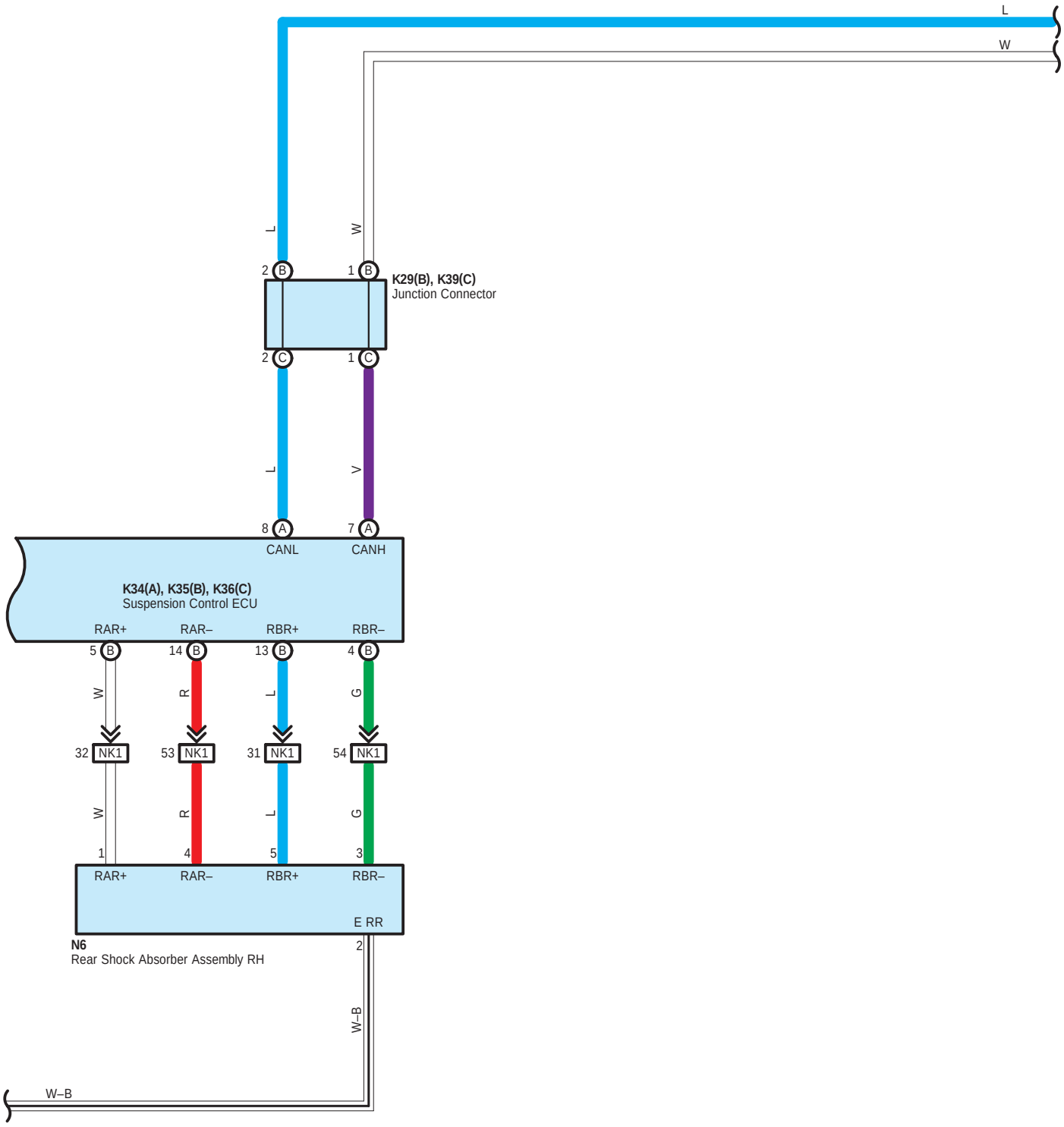


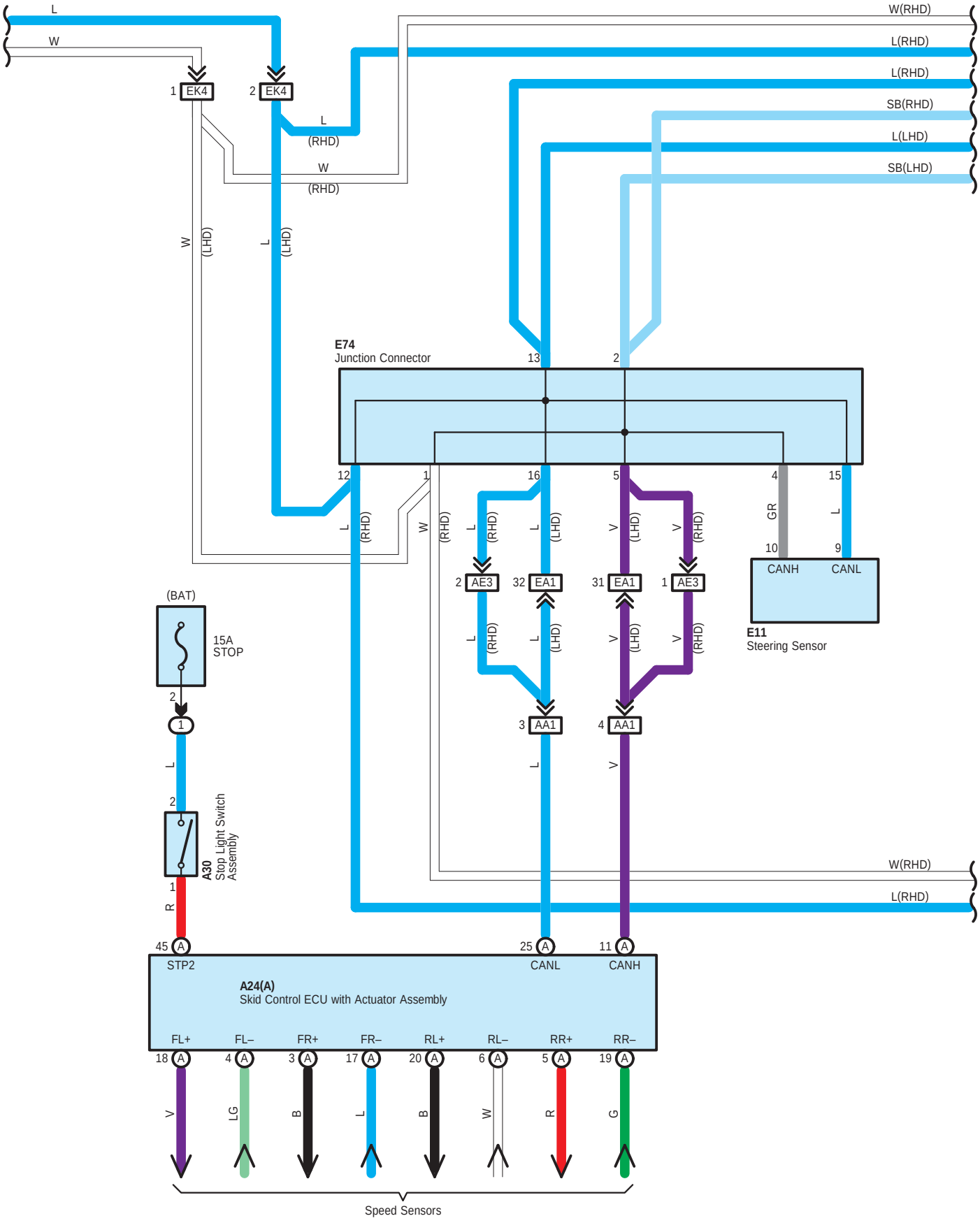

(BAT)
50A
AHC
(IG)
5A
LH–IG
(BAT)
20A
AHC–B
(BAT)
10A
AHC–B
No. 2
(IG)
5A
ECU–IG
No. 4
55 2D
11 3C
1 3C
5 3C
2 AK1
W
G
E58
Junction
Connector
99
9
G
W
R
G
66
E61
Junction
Connector
46
29 EK1
30 EK1
37 EK2
AHC
Relay
16 C
RC
1 B
BAT
3 A
BAT2
5 A
IG
K34(A), K35(B), K36(C)
Suspension Control ECU
TD
DNSW
UPSW
TSW1
TSW2
GND
GND
11 A
21 A
20 A
2 A
9 A
1 A
6 B
W–R
W–B
1 AL2
6 VE3
41 EK1
45 EK1
39 EK1
38 EK1
40 EK1
W
G
LG
GR
B
4 VE2
3 VE2
2 VE2
5 VE2
6 VE2
L36
Height Control Pump
and Motor Assembly
M
A34
Junction
Connector
10
9
8
7
6
5
IG
N
LO
HI
ECU1
ECU2
Height Control Switch
Height Control Off Switch
TEMS Switch
V4
Suspension Control Switch
E
16
W–B
(LHD)
(RHD)
E66
Junction
Connector
L2
L3
A3
A1
E2
K3

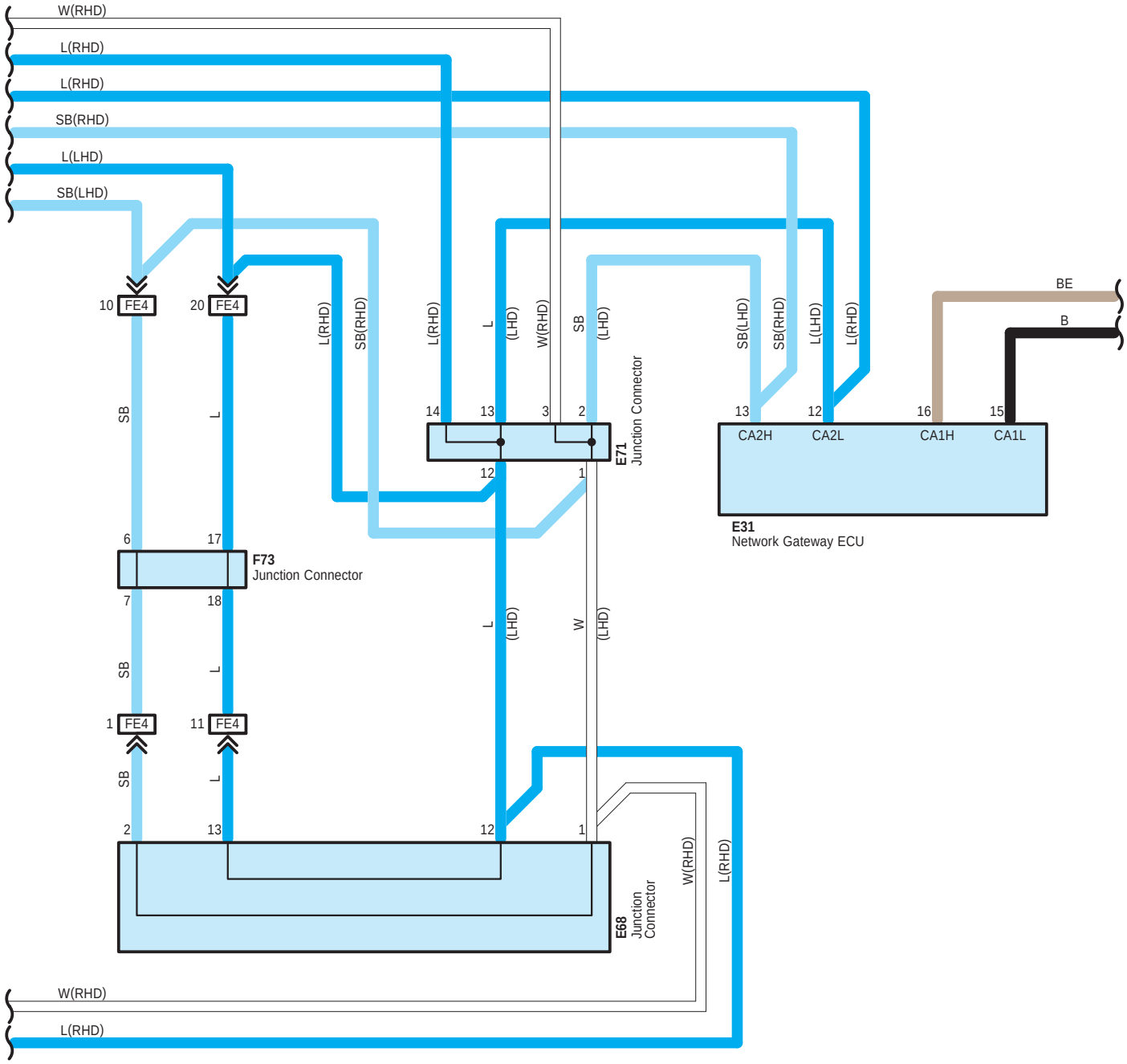

N5
Rear Height Control Sensor
Sub–Assembly RH
SHB
SHG
SHRR
1
3
2
B
G
W
19 NK1
35 NK1
57 NK1
B
G
W
13 C
20 C
24 C
SHB3
SHG3
SHRR
N7
Rear Height Control Sensor
Sub–Assembly LH
SHB
SHG
SHRL
1
3
2
B–W
G
R–W
56 NK1
18 NK1
34 NK1
B
G
R
25 C
19 C
27 C
SHB4
SHG4
SHRL
K34(A), K35(B), K36(C)
Suspension Control ECU
SHB1
SHG1
SHFR
SHB2
SHG2
SHFL
PACC
SPB
SPG
STG
TOIL
15 B
12 B
26 C
14 C
15 C
21 B
20 B
10 B
19 B
18 B
17 B
B
G
L
B
G
W
W
B
G
G
W
3 AK1
5 AK1
4 AK1
6 AK1
8 AK1
7 AK1
15 KL1
16 KL1
14 KL1
13 KL1
11 KL1
B
G
L
B
G
W
W
B
G
G
W
2 Az2
6 Az2
7 Az2
4 Az1
7 Az1
8 Az1
6 iL1
4 iL1
2 iL1
1 iL1
3 iL1
R
B
W
R
B
W
W
B
G
G–B
W–R
3
1
2
3
1
2
2
1
3
1
2
SHB
SHG
SHFR
SHB
SHG
SHFL
PACC
SHB
SHG
SBL
TOIL
z34
Front Height Control Sensor
Sub–Assembly RH
z35
Front Height Control Sensor
Sub–Assembly LH
i2
Pressure Accumulator Sensor
i1
Fuel Temperature
Sensor


R
R
R
R
2
SLB
CRFL
N12
Front Shock Absorber Control Valve Assembly LH
1
B
28 NK1
B
23 C
CRFL
2
SLB
CRFR
N10
Front Shock Absorber Control Valve Assembly RH
1
G–W
12 NK1
G
11 C
CRFR
R
5 NK1
R
1 C
SLB
K34(A), K35(B), K36(C)
Suspension Control ECU
SGFR
SGB1
SGG1
SGFL
SGG2
SGB2
RAL+
RAL–
RBL+
RBL–
24 A
15 A
14 A
22 A
13 A
23 A
3 B
2 B
8 B
7 B
W
B
G
W
G
B
W
R
L
G
12 KL1
19 KL1
18 KL1
17 NK1
16 NK1
55 NK1
33 NK1
W
LG
GR
W
R
L
G
1
3
2
1
2
3
1
4
5
3
SGFR
SGB
SGG
SGFL
SGG
SGB
RAL+
RAL–
RBL+
RBL–
E RL
L35
Acceleration Sensor RH
K37
Acceleration Sensor LH
N8
Rear Shock Absorber Assembly LH
2
W–B
W–B
W–B
4 NK1
W–B
W–B
K3
K2

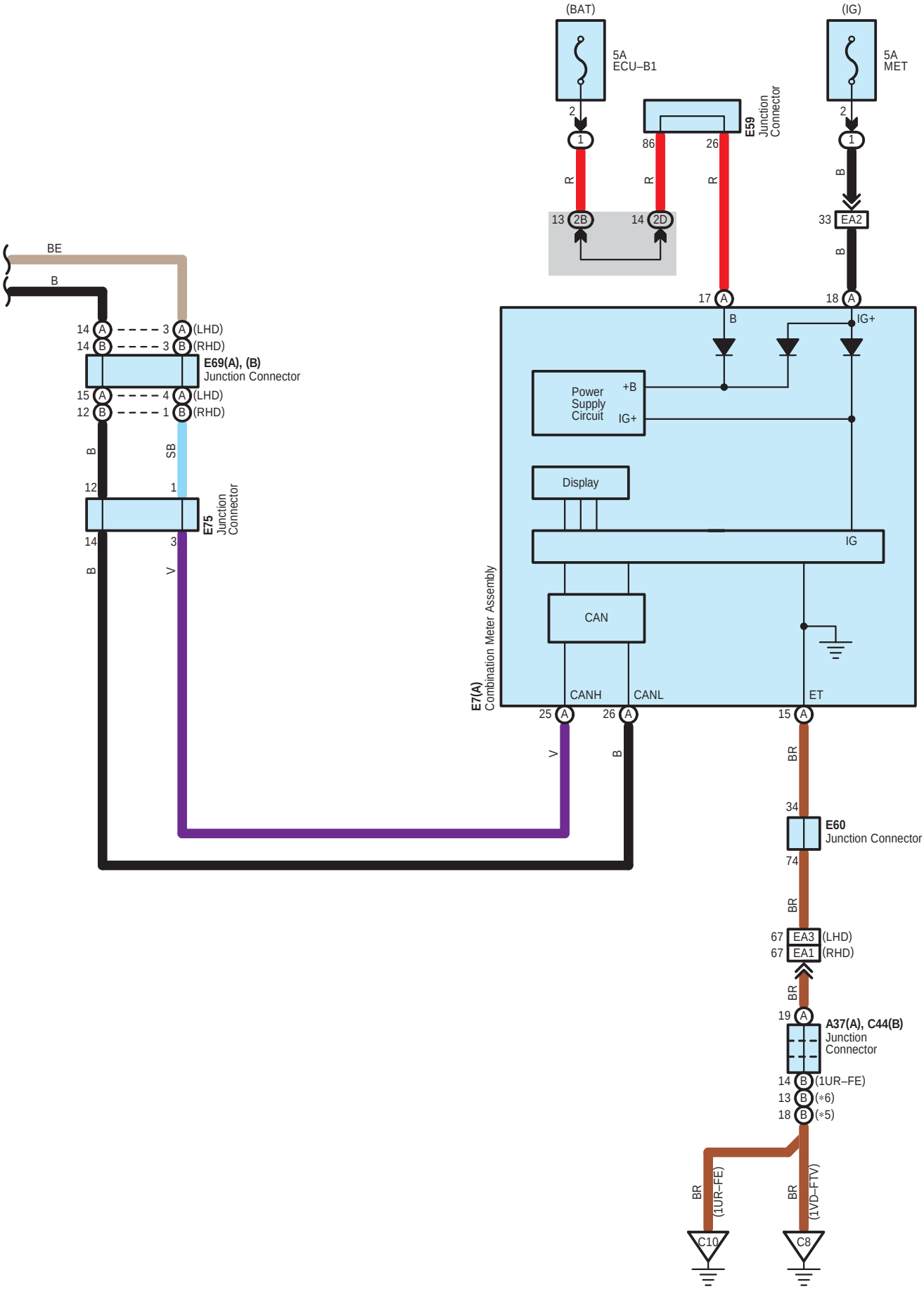

R
6
N4
No. 1 Height Control Valve Assembly
SLB
SLRL
SLFG
SLRG
ACH–
SLFR
SLFL
SLRR
2
8
5
7
4
3
1
G–B
B
L–R
B
G–Y
W
R
52 NK1
51 NK1
13 NK1
30 NK1
15 NK1
29 NK1
14 NK1
G
GR
L
B
R
W
R
22 C
30 C
29 C
10 C
7 C
8 C
9 C
SLRL
SLFG
SLRG
SLAC
SLFR
SLFL
SLRR
K34(A), K35(B), K36(C)
Suspension Control ECU
FAR+
FAR–
FBR+
FBR–
FAL+
FAL–
FBL+
FBL–
6 C
5 C
18 C
17 C
4 C
3 C
2 C
12 C
R
L
R
P
B
L
R
P
58 NK1
20 NK1
59 NK1
36 NK1
37 NK1
22 NK1
38 NK1
21 NK1
R
L–W
R–G
P
B
L–Y
R
P
1
4
5
3
1
4
5
3
FAR+
FAR–
FBR+
FBR–
FAL+
FAL–
FBL+
FBL–
E FR
E FL
N9
Front Shock Absorber Assembly RH
N11
Front Shock Absorber Assembly LH
2
2
W–B
W–B
W–B
W–B
W–B


L
W
L
W
2 B
1 B
K29(B), K39(C)
Junction Connector
2 C
1 C
L
V
8 A
7 A
CANL
CANH
K34(A), K35(B), K36(C)
Suspension Control ECU
RAR+
RAR–
RBR+
RBR–
5 B
14 B
13 B
4 B
W
R
L
G
32 NK1
53 NK1
31 NK1
54 NK1
W
R
L
G
1
4
5
3
RAR+
RAR–
RBR+
RBR–
E RR
2
N6
Rear Shock Absorber Assembly RH
W–B
W–B

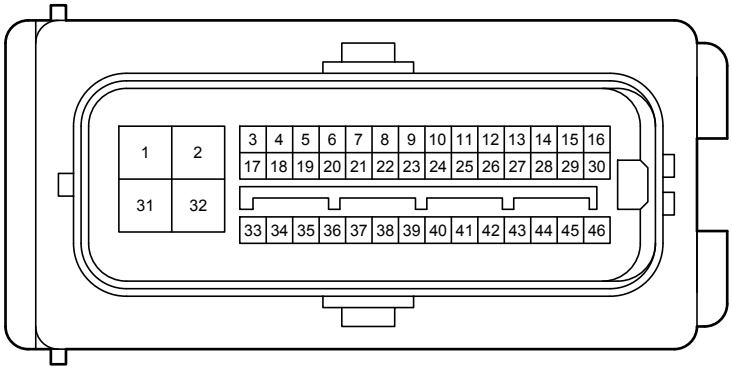

L
W
1 EK4
2 EK4
L (RHD)
W (RHD)
W (LHD)
L (LHD)
W(RHD)
L(RHD)
L(RHD)
SB(RHD)
L(LHD)
SB(LHD)
E74
Junction Connector
13
2
12
1
16
5
4
15
L (RHD)
W (RHD)
L (RHD)
L (LHD)
V (LHD)
V (RHD)
GR
L
10
9
2 AE3
32 EA1
31 EA1
1 AE3
CANH
CANL
E11
Steering Sensor
(BAT)
15A
STOP
2
1
L
2
A30
Stop Light Switch
Assembly
1
R
3 AA1
4 AA1
L
V
W(RHD)
L(RHD)
45 A
25 A
11 A
STP2
CANL
CANH
A24(A)
Skid Control ECU with Actuator Assembly
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
V
LG
B
L
B
W
R
G
Speed Sensors



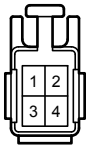
* 5 : 1VD–FTV w/ DPF
* 6 : 1VD–FTV w/o DPF


(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction
Connector
2
1
86
26
13 2B
14 2D
33 EA2
17 A
18 A
R
B
IG+
BE
B
14 A
14 B
3 A (LHD)
3 B (RHD)
E69(A), (B)
Junction Connector
15 A
12 B
4 A (LHD)
1 B (RHD)
SB
12
1
E75
Junction
Connector
14
3
V
Power
Supply
Circuit
+B
IG+
Display
IG
CAN
CANH
CANL
ET
E7(A)
Combination Meter Assembly
25 A
26 A
15 A
BR
34
E60
Junction Connector
74
67 EA3 (LHD)
67 EA1 (RHD)
19 A
A37(A), C44(B)
Junction
Connector
14 B (1UR–FE)
13 B (*6)
18 B (*5)
(1UR–FE)
(1VD–FTV)
C10
C8

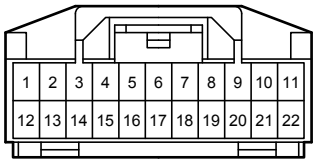
A 24
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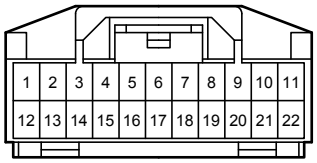
A 30
Gray



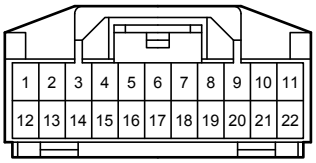
A 34
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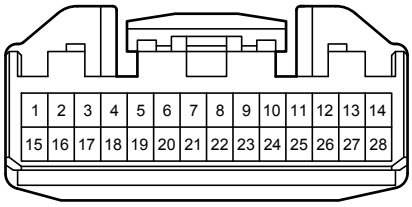
A 37
Blue



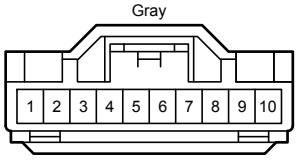
C 44
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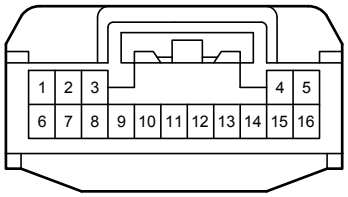
E 7
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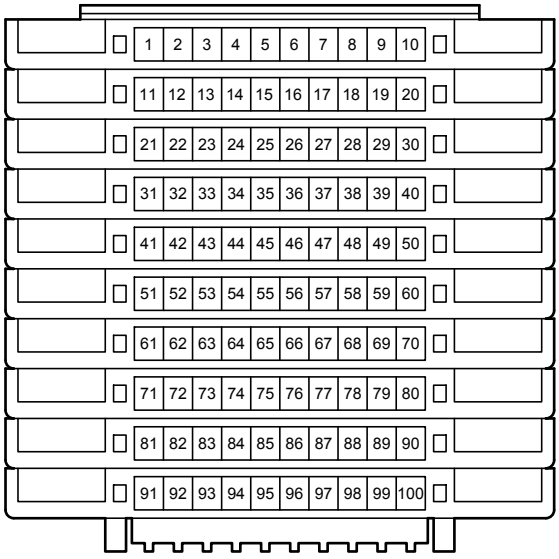
E 11
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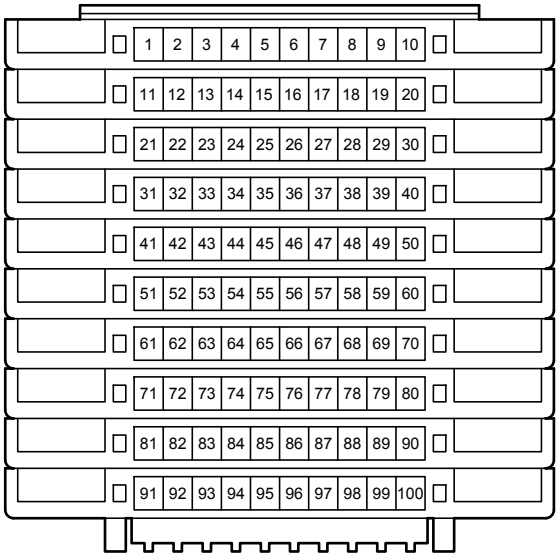
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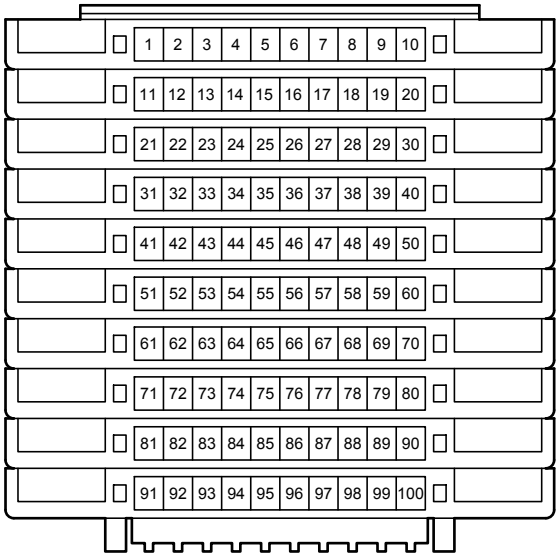
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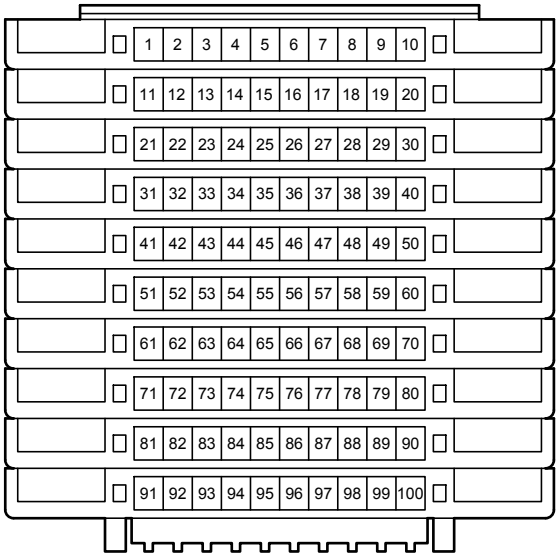
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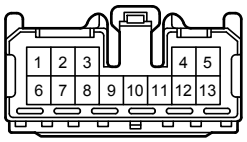
E 60



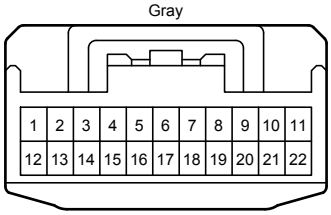
E 61



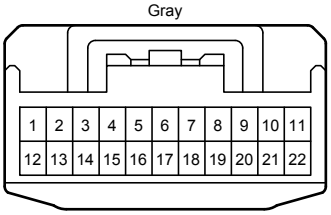
E 66
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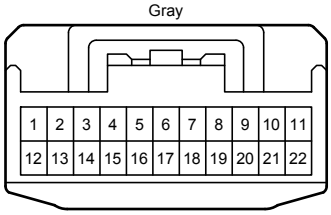
E 68
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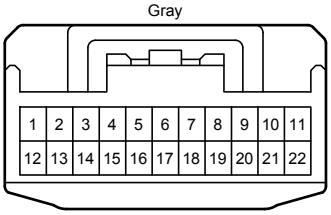
E 69
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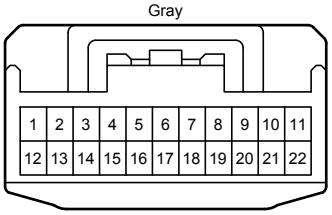
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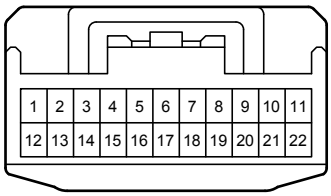
E 74
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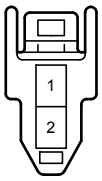
E 75
Gray



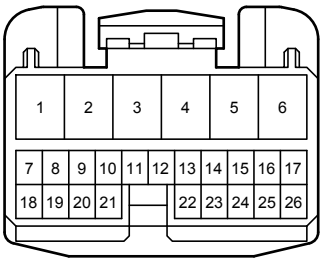
F 73
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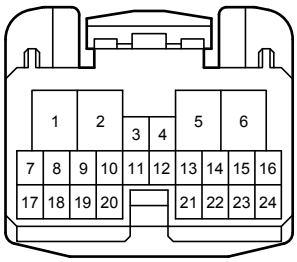
K 29
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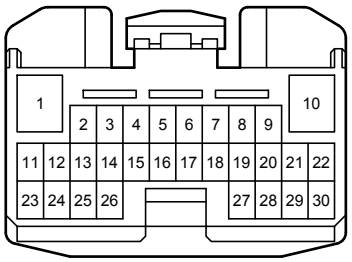
K 34
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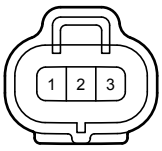
K 35
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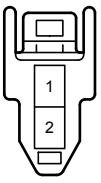
K 36
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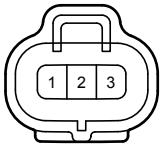
K 37
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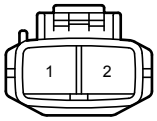
K 39
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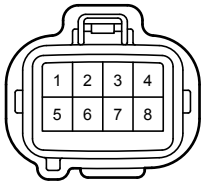
L 35
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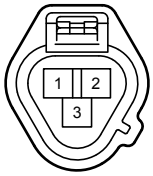
L 36
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N 4
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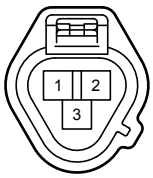
N 5
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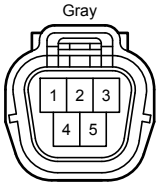
N 6
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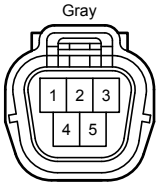
N 7
Black



N 8
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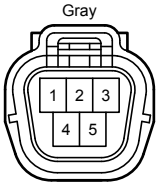
N 9
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N 10
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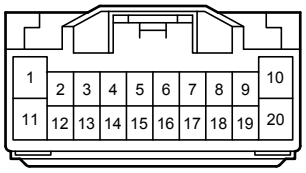
N 11
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N 12
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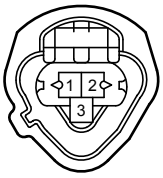
V 4
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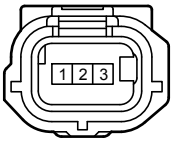
i 1
Gray



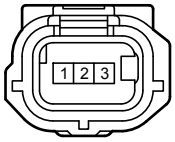
i 2
Black



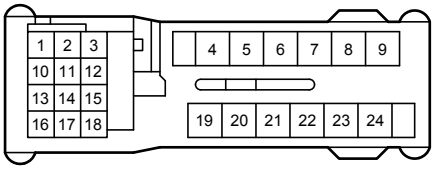
z 34
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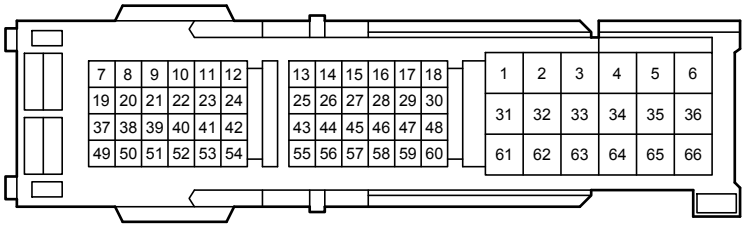
z 35
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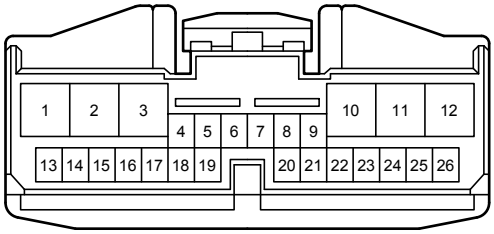
2B
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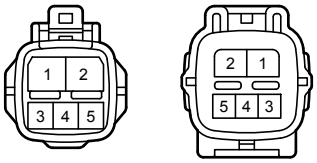
2D
White



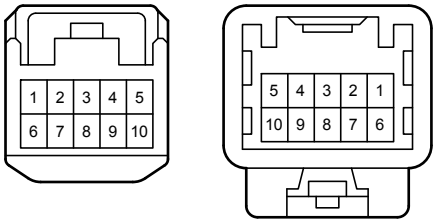
3C
White



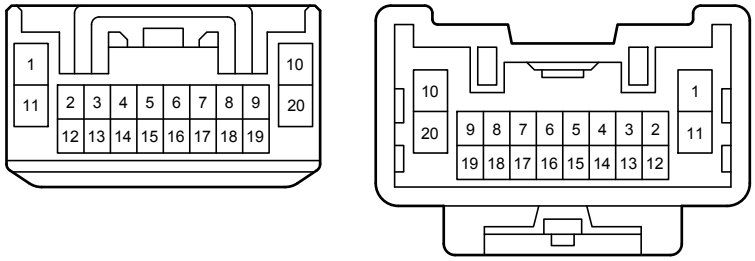
AA1
Gray



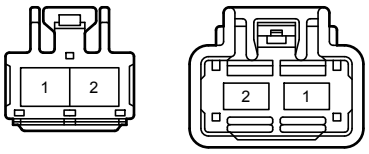
AE3
Gray



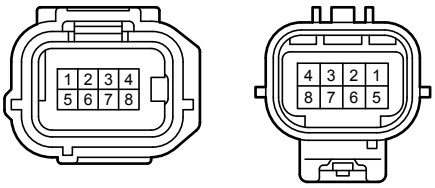
AK1
Blue



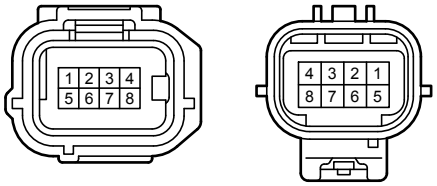
AL2
White



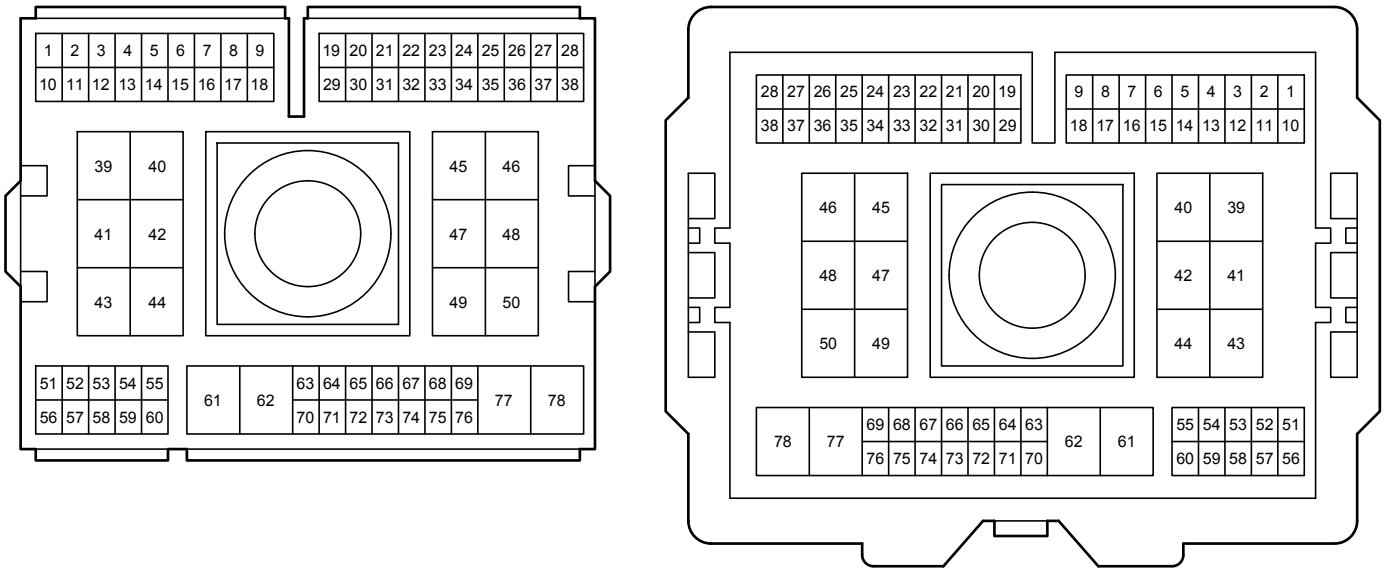
Az1
Gray



Az2
Gray

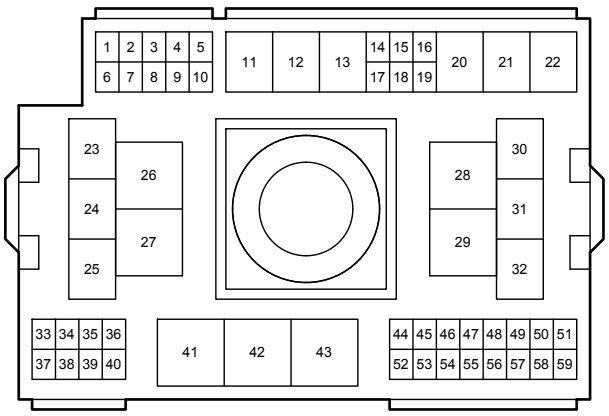


EA1
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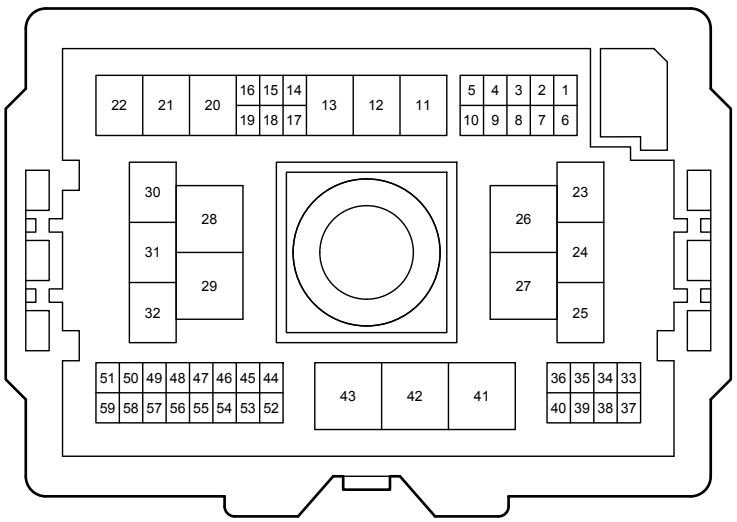


EA2

White

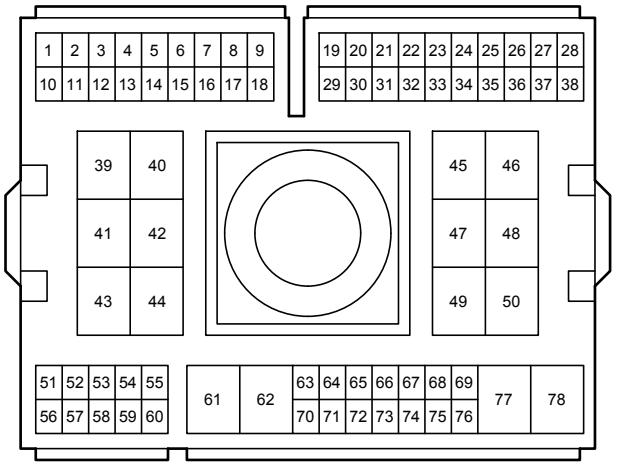


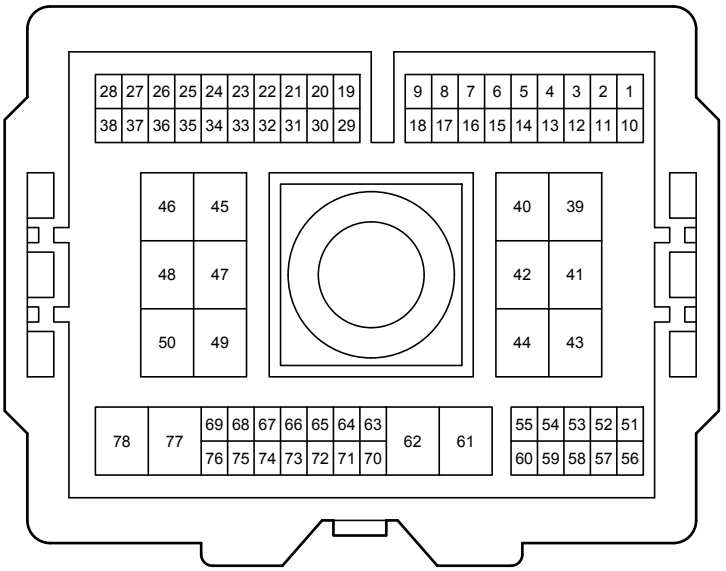
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EA3

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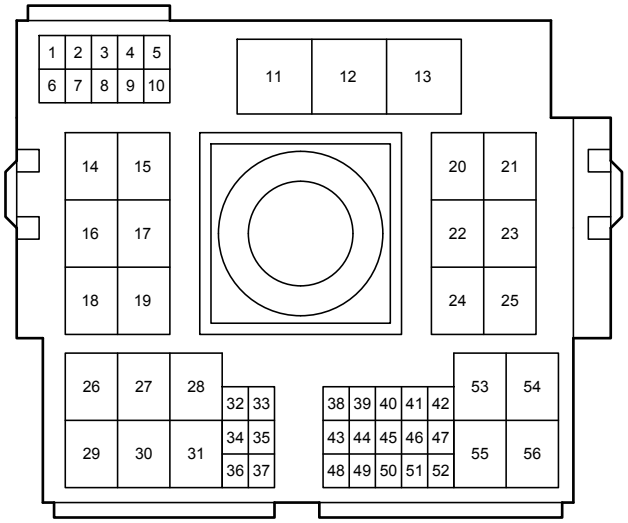


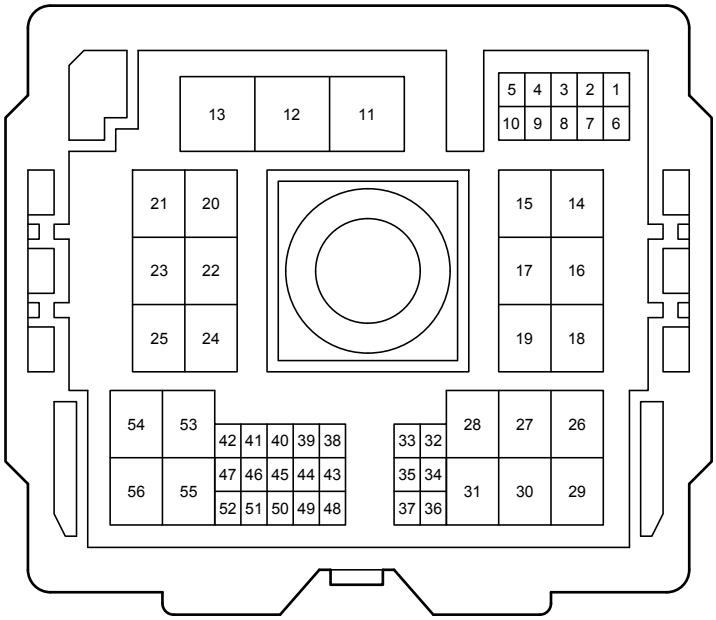


EK1

White

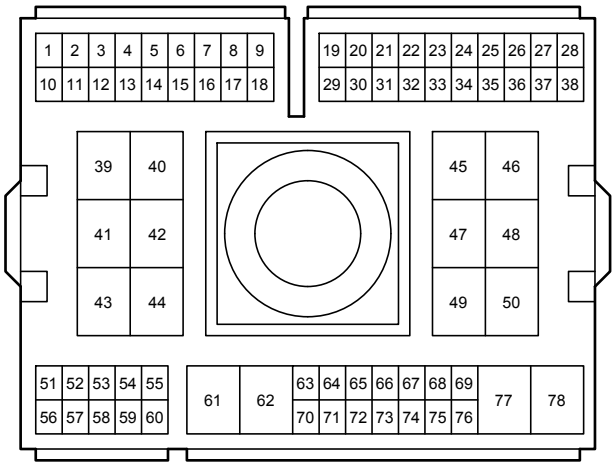
Blue

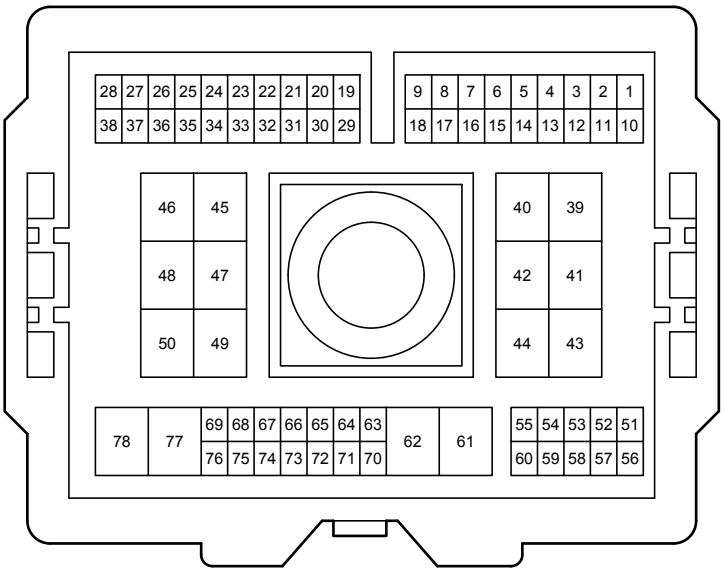




EK2

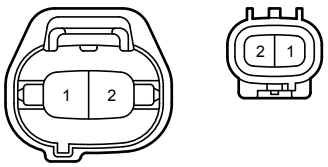
White





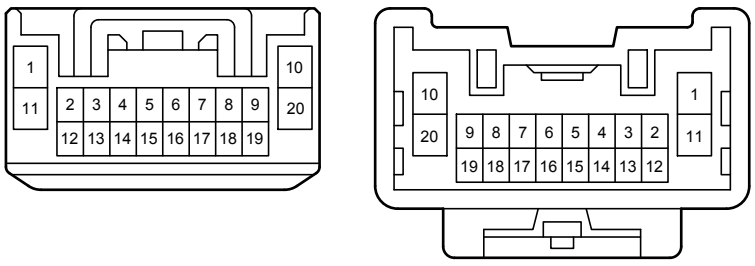
EK4

White

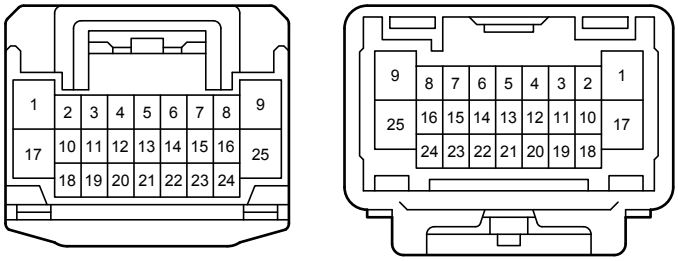


FE4

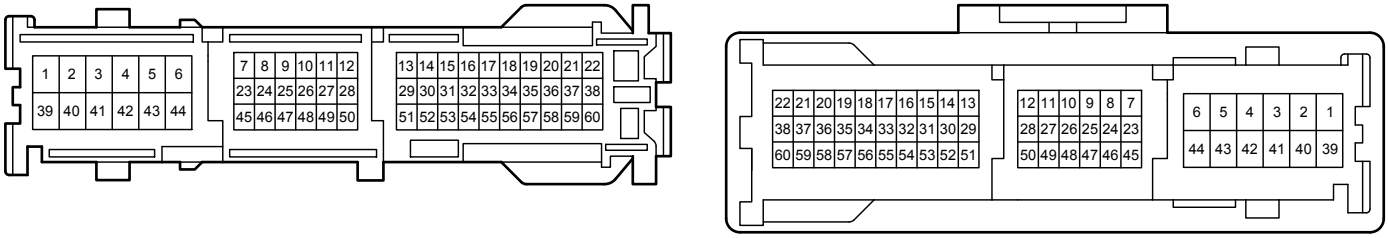
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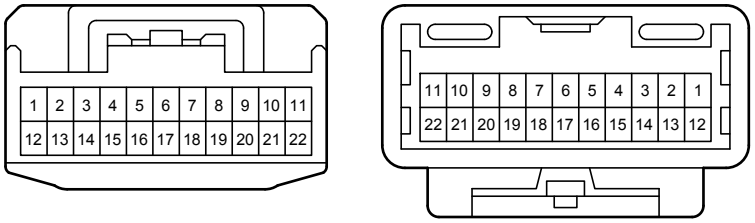
KL1
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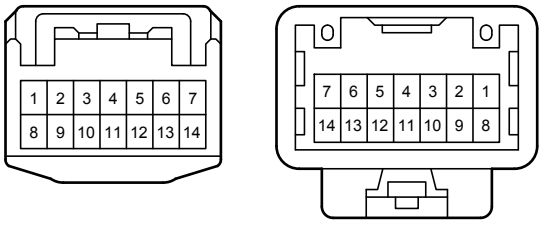
NK1
White



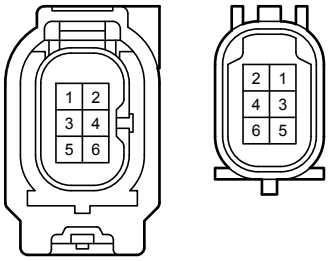
VE2
White

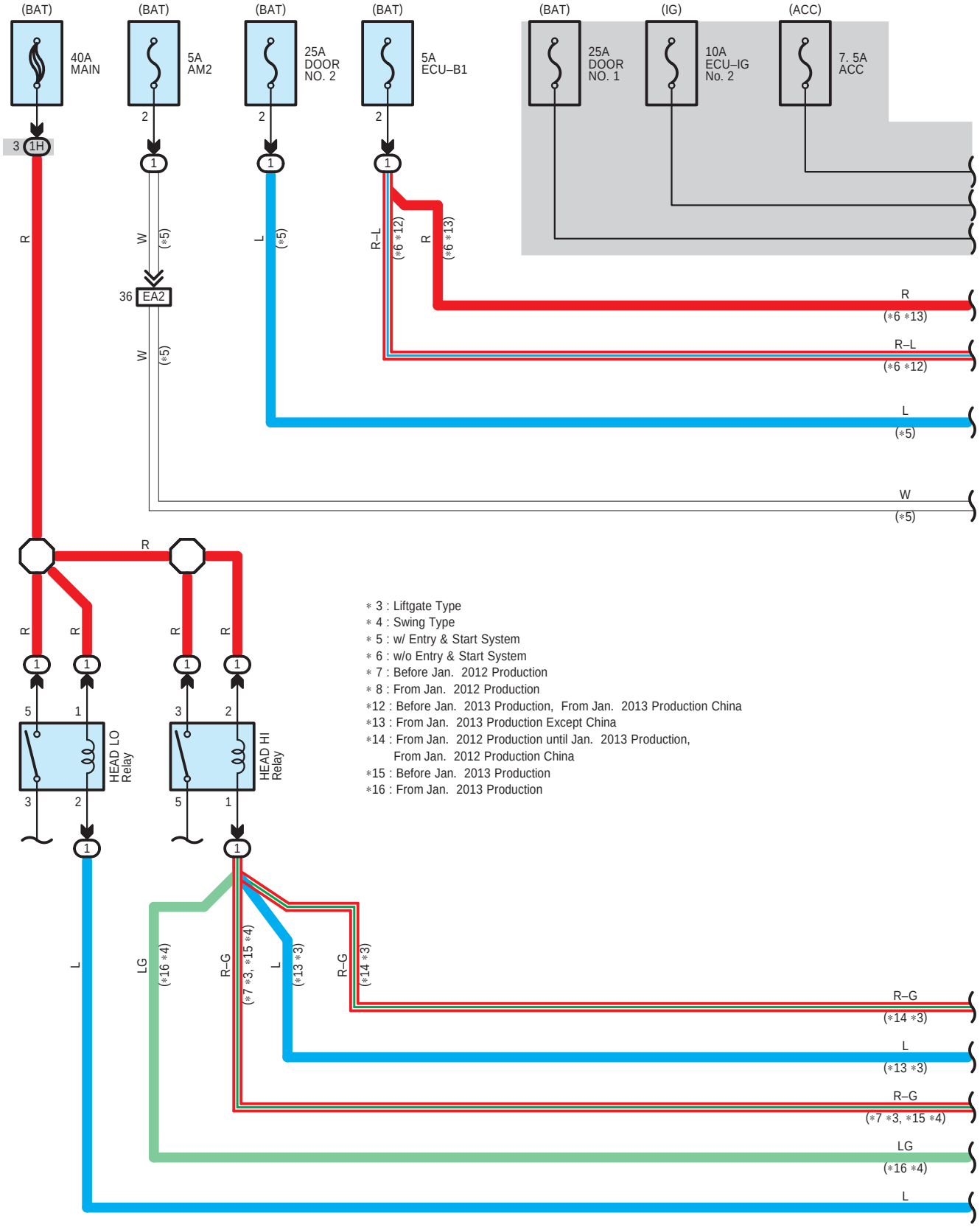


VE3
Gray

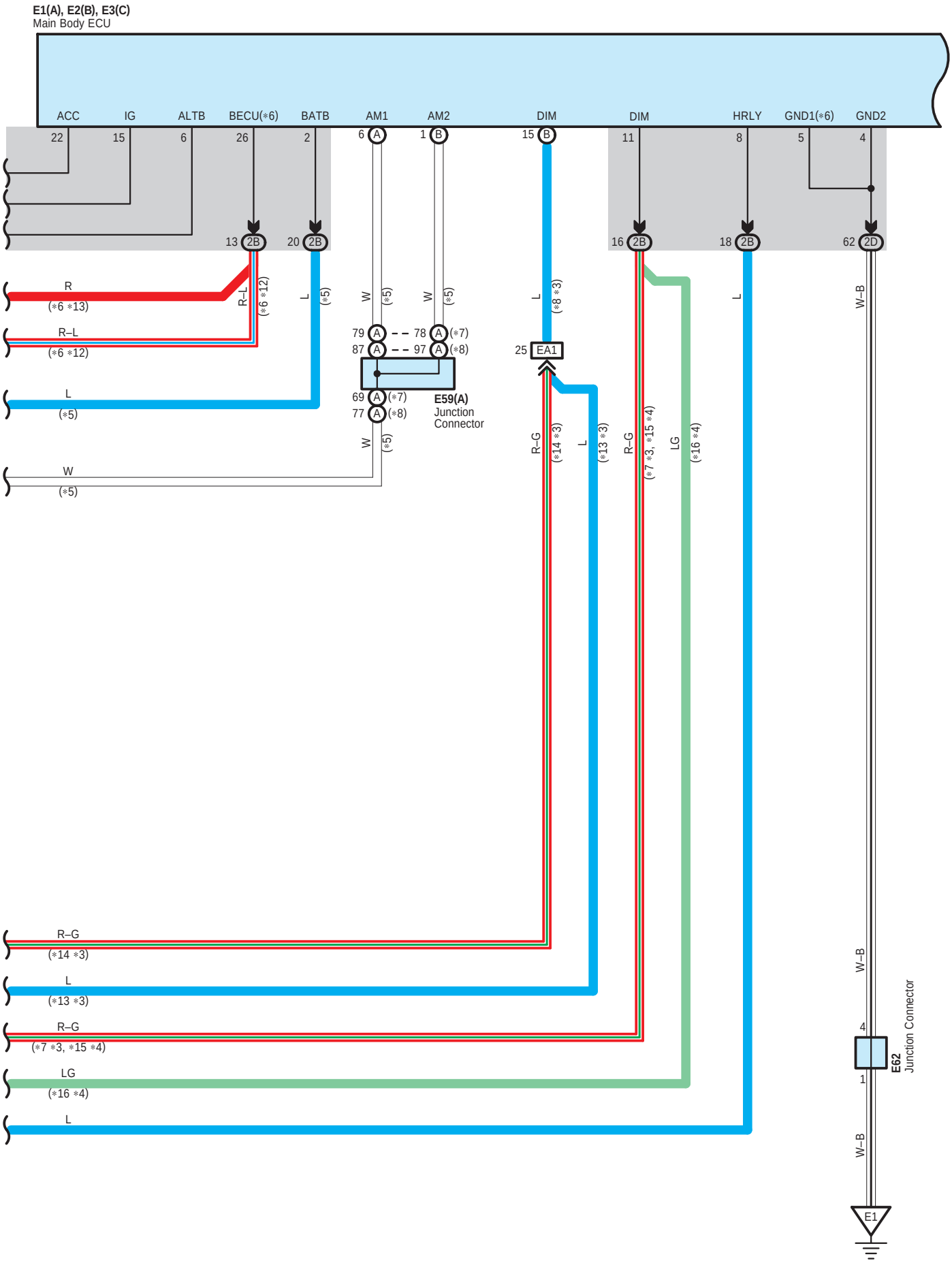


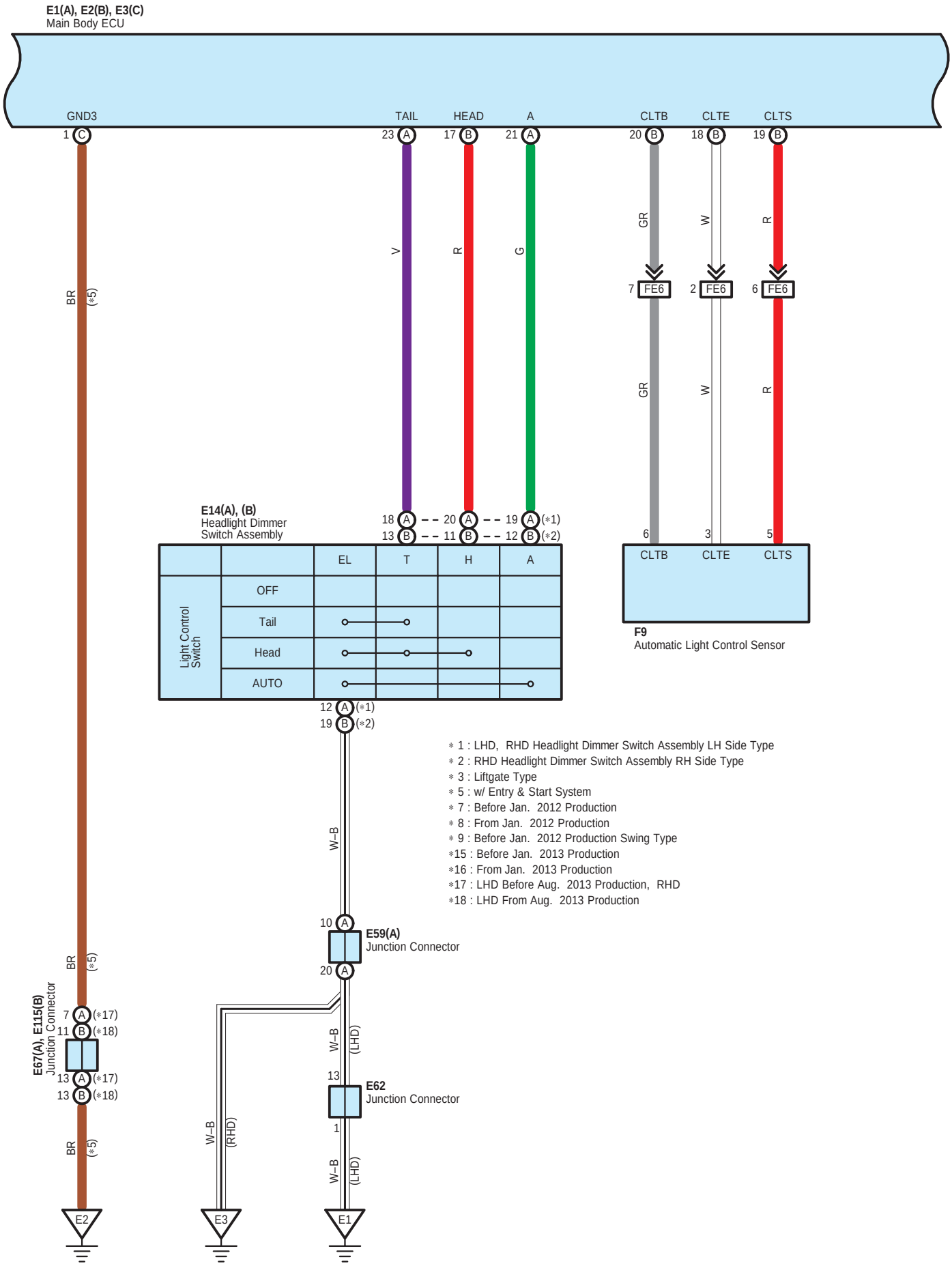
iL1
White

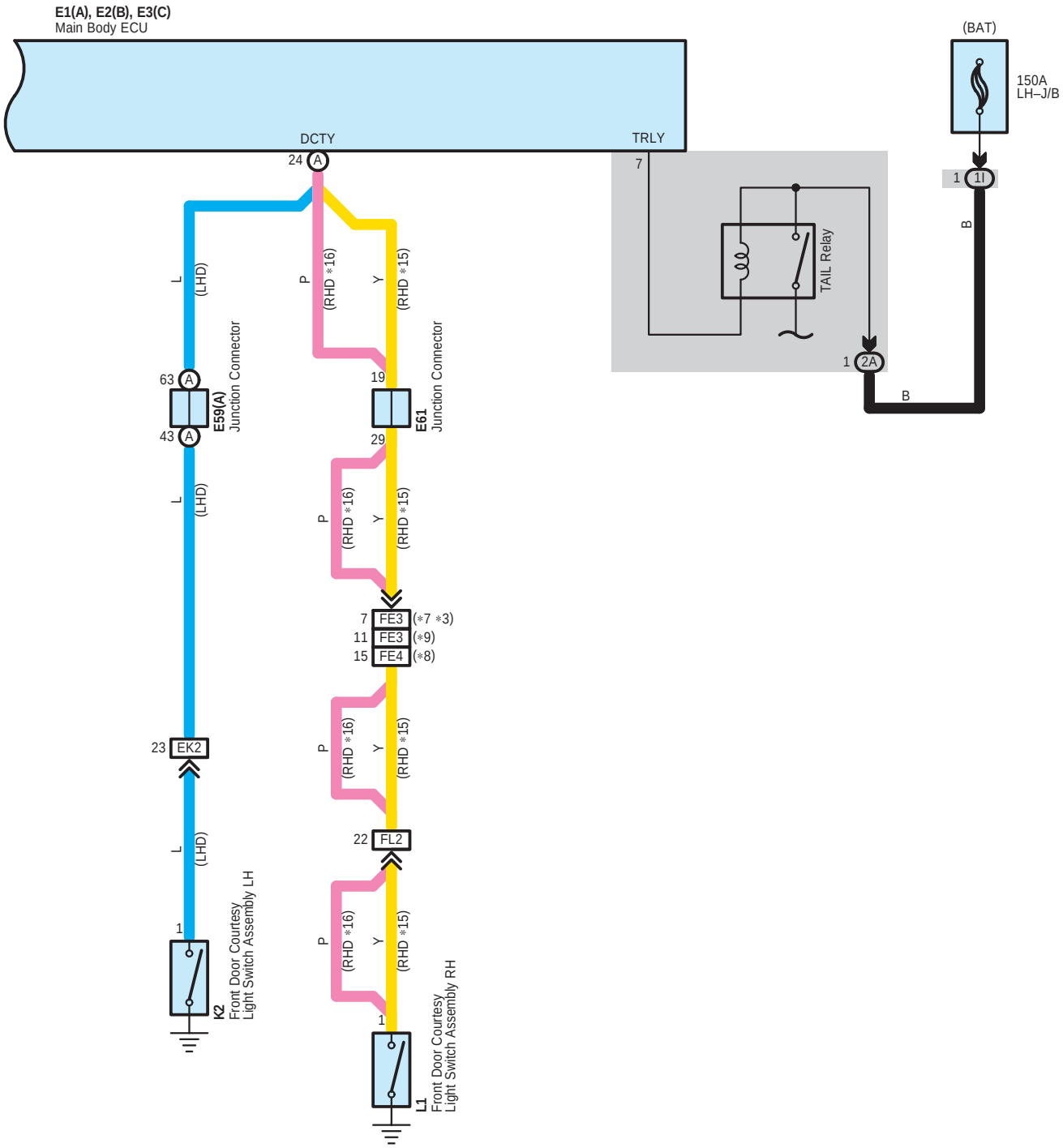




∗ 3 : Liftgate Type
∗ 4 : Swing Type
∗ 5 : w/ Entry & Start System
∗ 6 : w/o Entry & Start System
∗ 7 : Before Jan. 2012 Production
∗ 8 : From Jan. 2012 Production
∗12 : Before Jan. 2013 Production, From Jan. 2013 Production China
∗13 : From Jan. 2013 Production Except China
∗14 : From Jan. 2012 Production until Jan. 2013 Production,
From Jan. 2012 Production China
∗15 : Before Jan. 2013 Production
∗16 : From Jan. 2013 Production

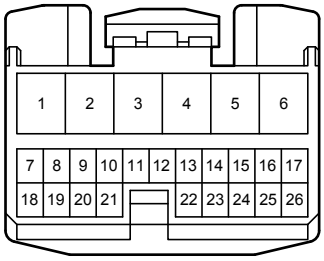

E1(A), E2(B), E3(C)
Main Body ECU
ACC
IG
ALTB
BECU(*6)
BATB
AM1
AM2
DIM
DIM
HRLY
GND1(*6)
GND2
22
15
6
26
2
6 A
1 B
15 B
11
8
5
4
13 2B
20 2B
16 2B
18 2B
62 2D
R
(*6 *13)
R–L
(*6 *12)
L
(*5)
W
(*5)
79 A
87 A
78 A (*7)
97 A (*8)
69 A (*7)
77 A (*8)
E59(A)
Junction
Connector
25 EA1
L
(*8 *3)
R–G
(*14 *3)
L
(*13 *3)
R–G
(*7 *3, *15 *4)
LG
(*16 *4)
L
W–B
W–B
4
1
E62
Junction Connector
W–B
E1
R–G
(*14 *3)
L
(*13 *3)
R–G
(*7 *3, *15 *4)
LG
(*16 *4)
L


E1(A), E2(B), E3(C)
Main Body ECU
GND3
TAIL
HEAD
A
CLTB
CLTE
CLTS
1 C
23 A
17 B
21 A
20 B
18 B
19 B
BR (*5)
V
R
G
GR
W
R
7 FE6
2 FE6
6 FE6
E14(A), (B)
Headlight Dimmer
Switch Assembly
18 A
13 B
20 A
11 B
19 A (*1)
12 B (*2)
EL
T
H
A
Light Control Switch
OFF
Tail
Head
AUTO
12 A (*1)
19 B (*2)
6
3
5
CLTB
CLTE
CLTS
F9
Automatic Light Control Sensor
* 1 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 2 : RHD Headlight Dimmer Switch Assembly RH Side Type
* 3 : Liftgate Type
* 5 : w/ Entry & Start System
* 7 : Before Jan. 2012 Production
* 8 : From Jan. 2012 Production
* 9 : Before Jan. 2012 Production Swing Type
*15 : Before Jan. 2013 Production
*16 : From Jan. 2013 Production
*17 : LHD Before Aug. 2013 Production, RHD
*18 : LHD From Aug. 2013 Production
W–B
10 A
20 A
E59(A)
Junction Connector
BR (*5)
E67(A), E115(B)
Junction Connector
7 A (*17)
11 B (*18)
13 A (*17)
13 B (*18)
W–B (LHD)
13
E62
Junction Connector
1
W–B (RHD)
W–B (LHD)
BR (*5)
E2
E3
E1


E1(A), E2(B), E3(C)
Main Body ECU
DCTY
24 A
TRLY
7
(BAT)
150A
LH–J/B
1 1I
B
TAIL Relay
1 2A
B
L (LHD)
P (RHD *16)
Y (RHD *15)
63 A
43 A
E59(A)
Junction Connector
19
29
E61
Junction Connector
7 FE3 (*7 *3)
11 FE3 (*9)
15 FE4 (*8)
23 EK2
22 FL2
1
K2
Front Door Courtesy
Light Switch Assembly LH
L1
Front Door Courtesy
Light Switch Assembly RH

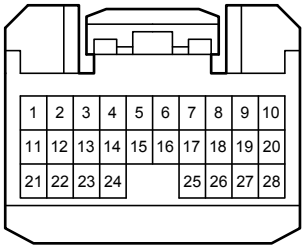
E 1

White



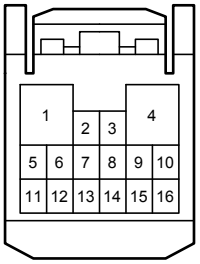
E 2

White



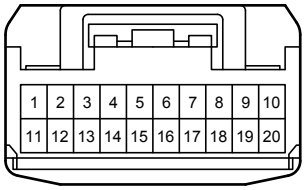
E 3

White

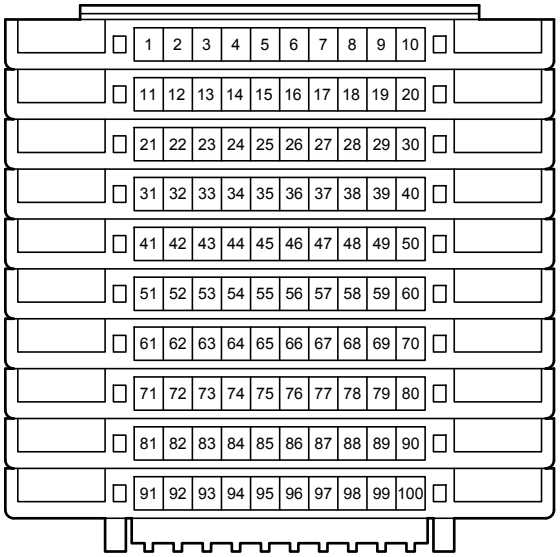


E 14

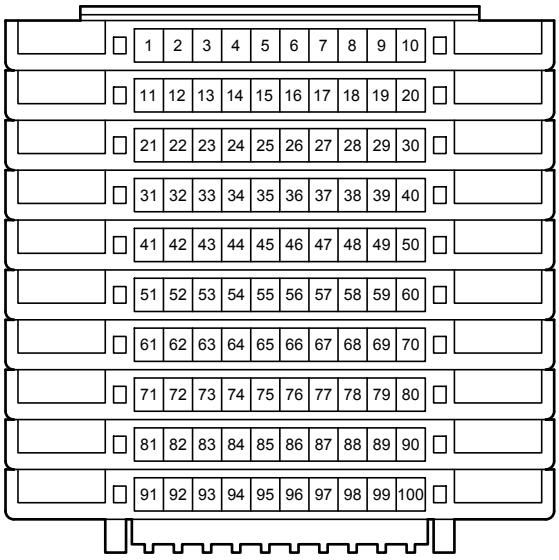
White



E 59

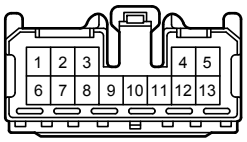


E 61



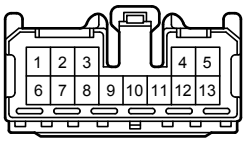
E 62

White

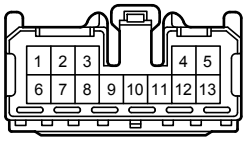


E 67

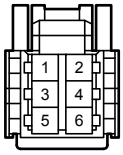
White



E115
White



F 9
Black



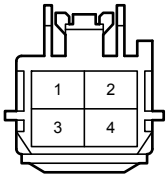
K 2
White



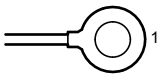
L 1
White



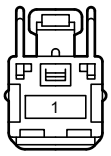
1H
White



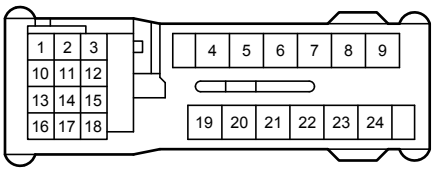
1I



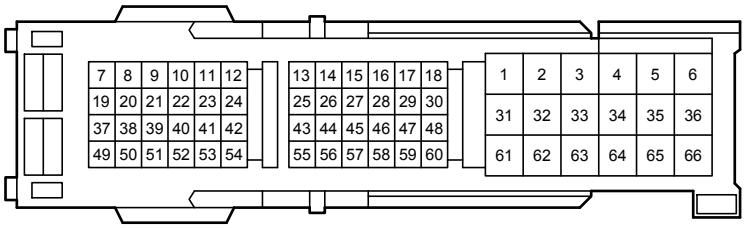
2A
White



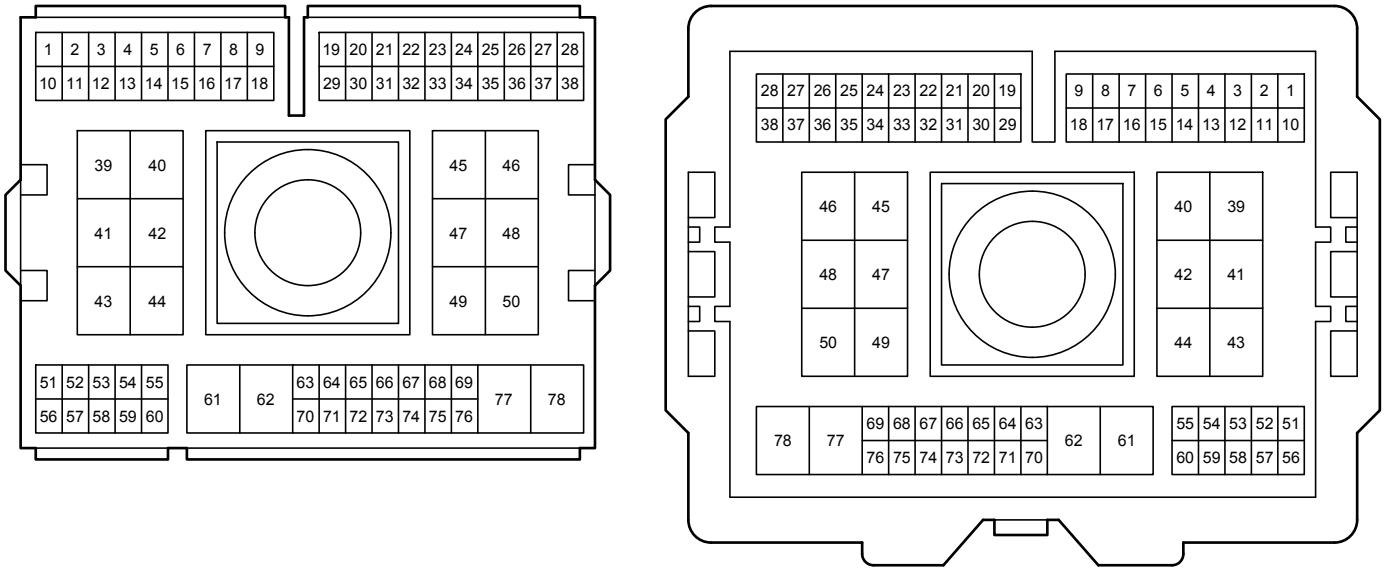
2B
White



2D
White

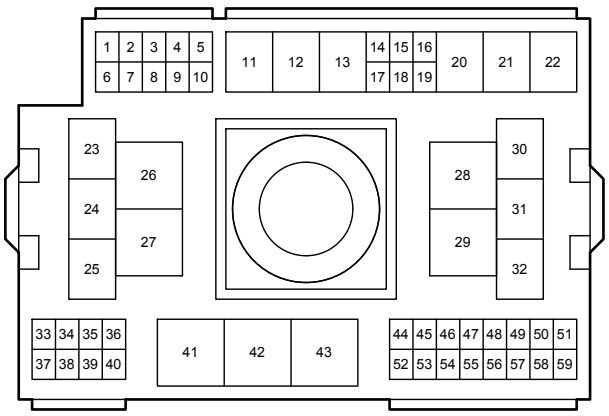


EA1
White

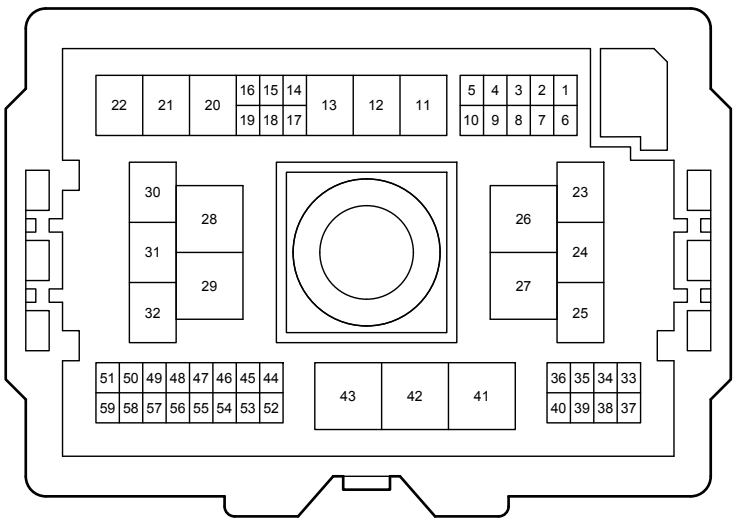


EA2

White

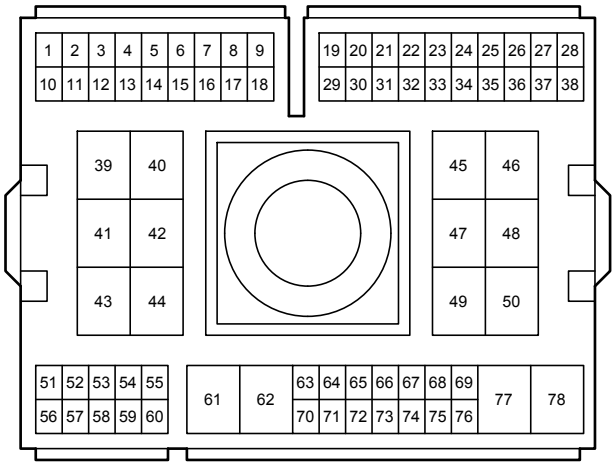


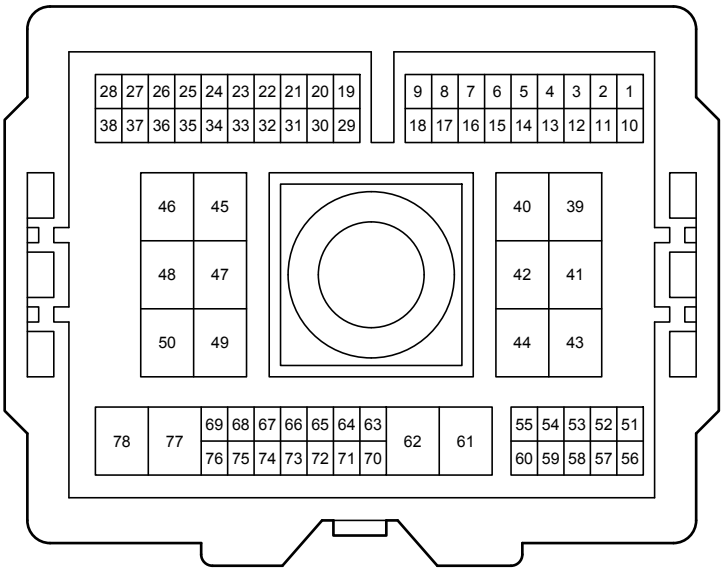
Gray



EK2

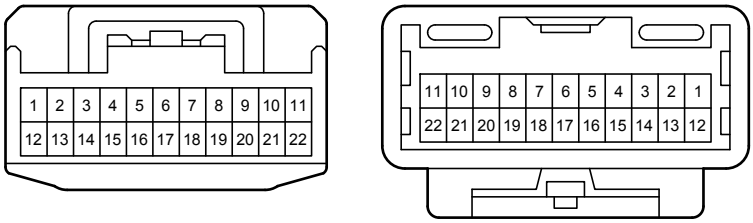
White

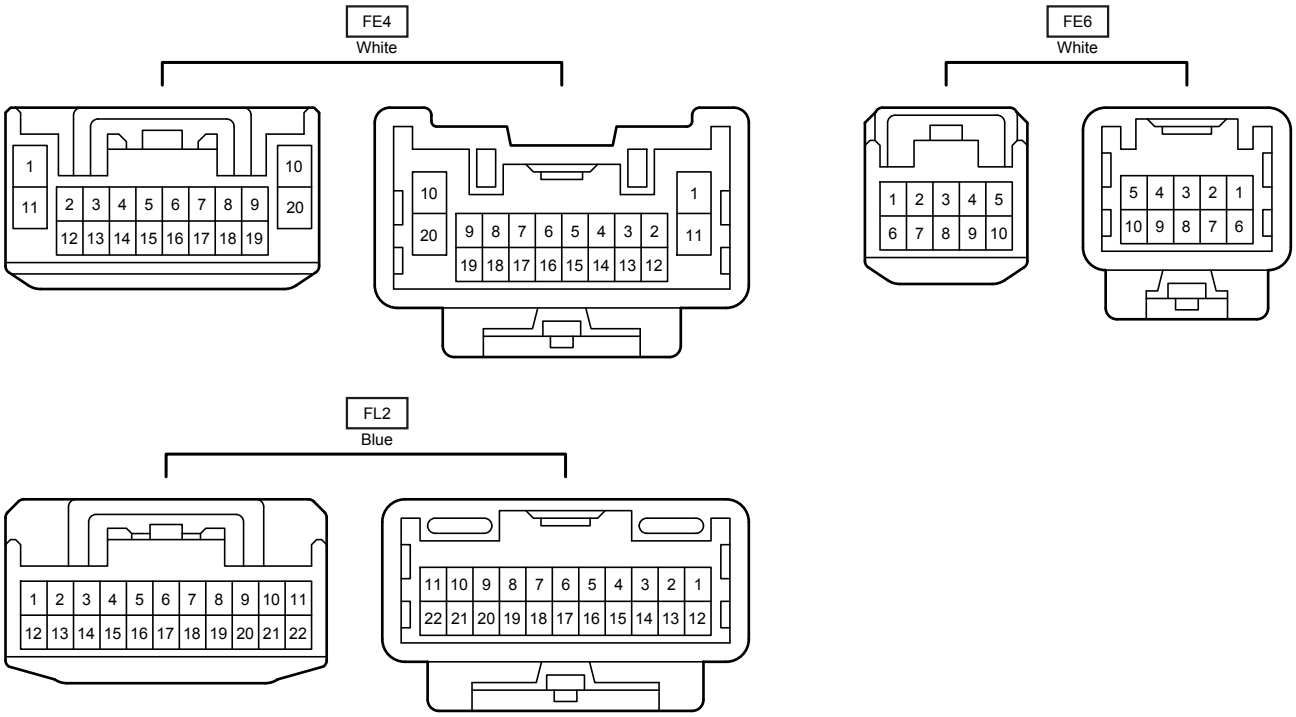


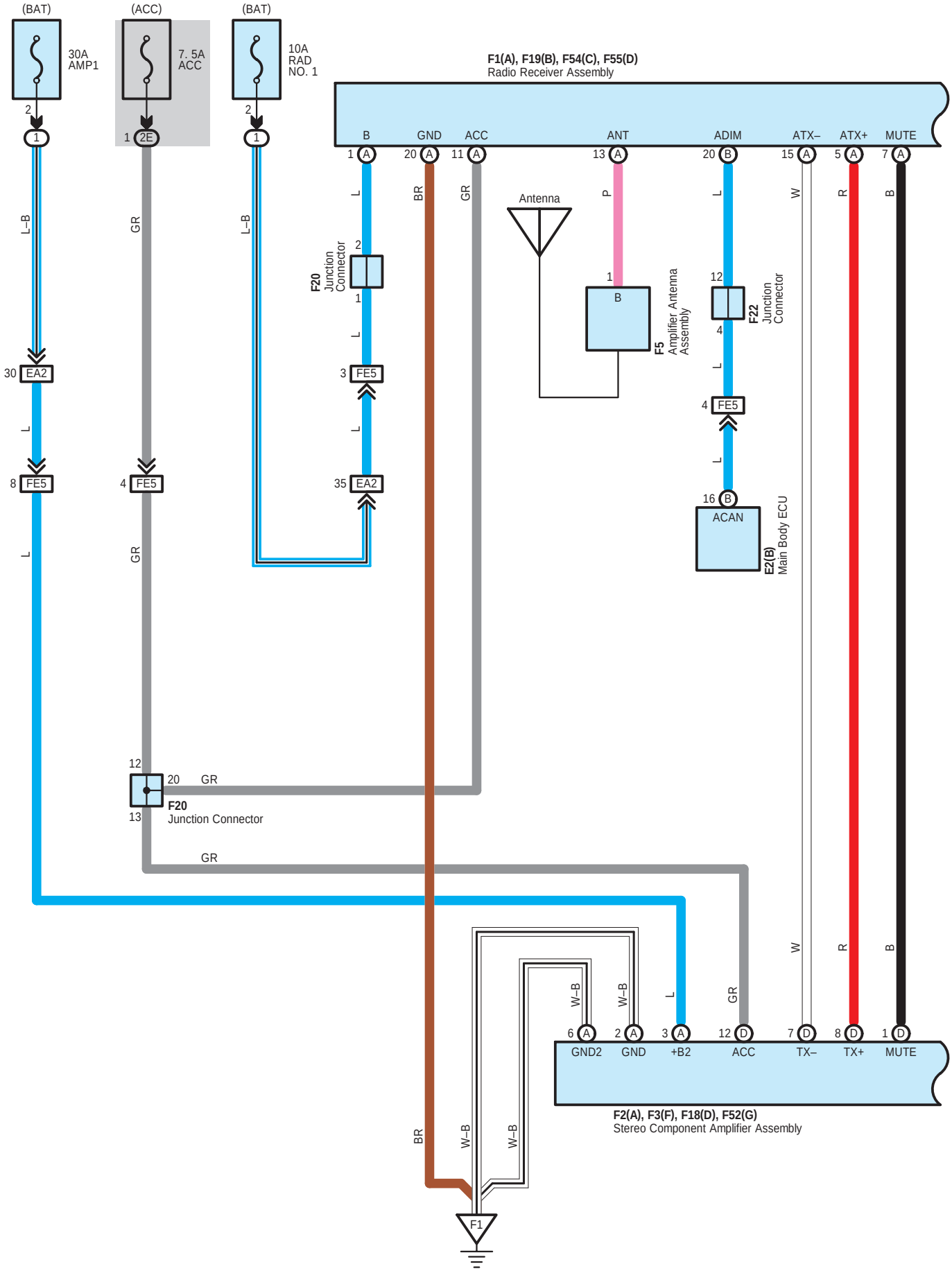


FE3

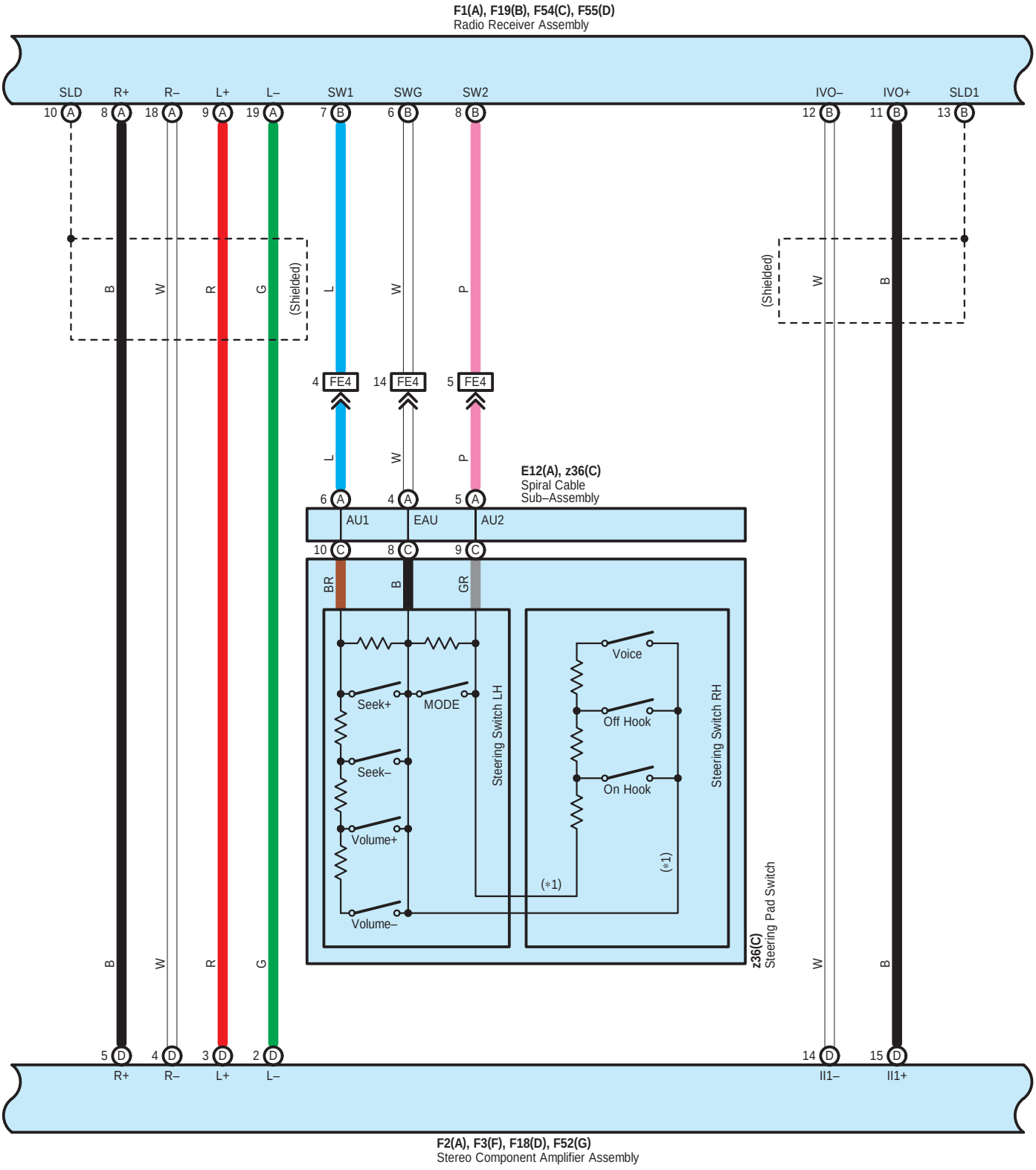
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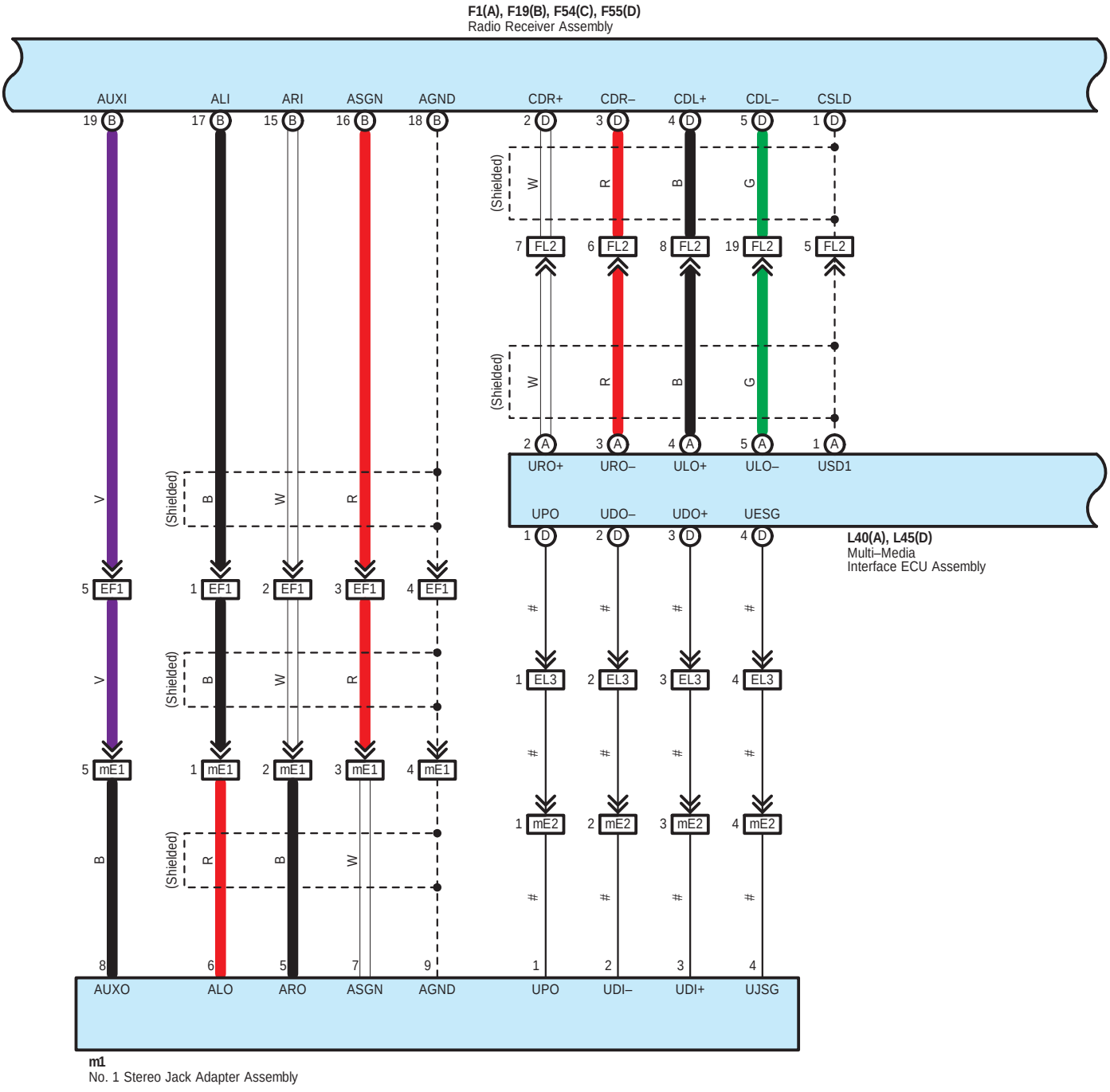



FE4
White
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11
FE6
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
FL2
Blue
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12

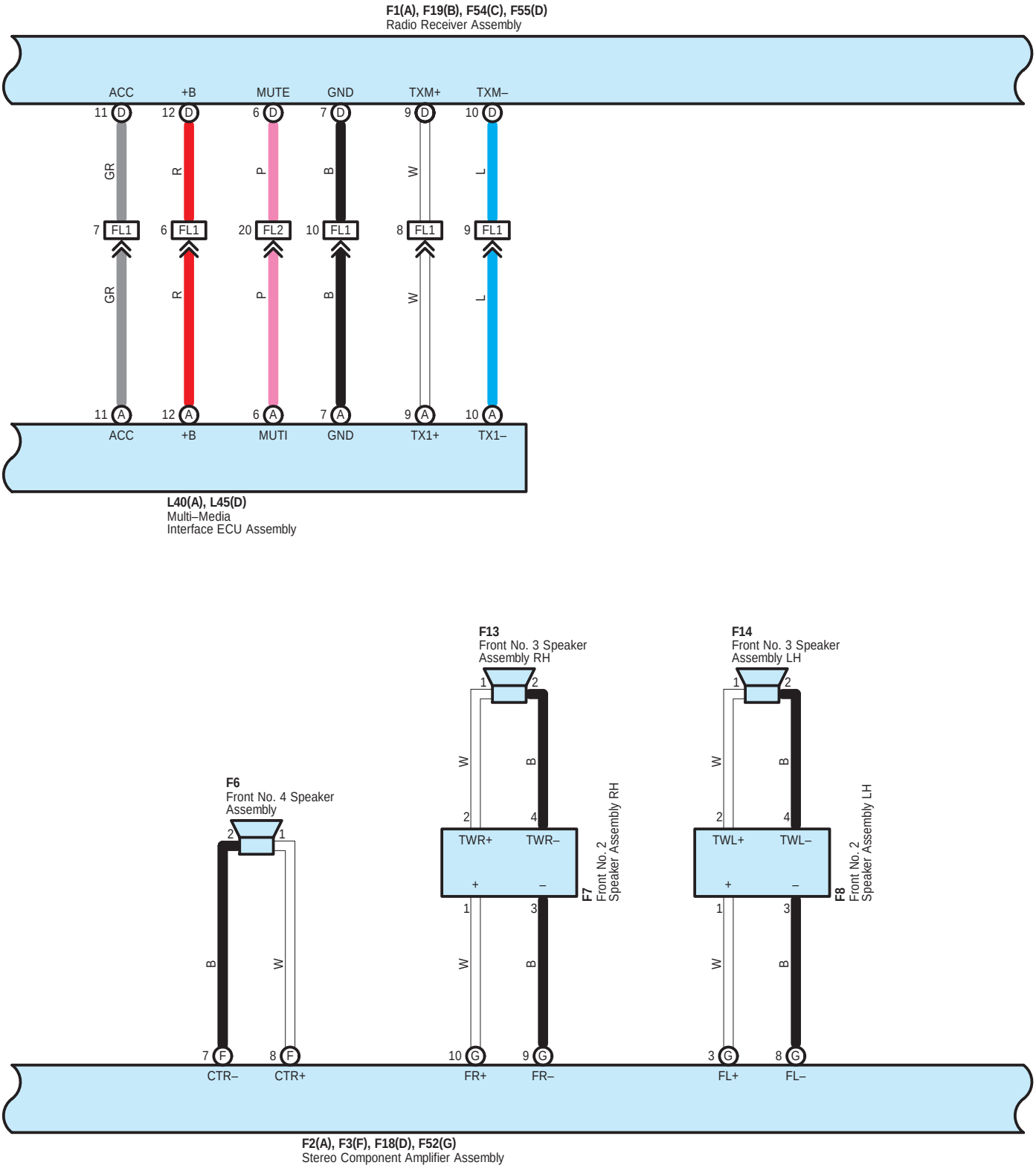

(BAT)
30A
AMP1
(ACC)
7. 5A
ACC
(BAT)
10A
RAD
NO. 1
F1(A), F19(B), F54(C), F55(D)
Radio Receiver Assembly
B
GND
ACC
ANT
ADIM
ATX–
ATX+
MUTE
Antenna
F20
Junction
Connector
F5
Amplifier Antenna
Assembly
F22
Junction
Connector
E2(B)
Main Body ECU
ACAN
F20
Junction Connector
F2(A), F3(F), F18(D), F52(G)
Stereo Component Amplifier Assembly
GND2
GND
+B2
ACC
TX–
TX+
MUTE
F1

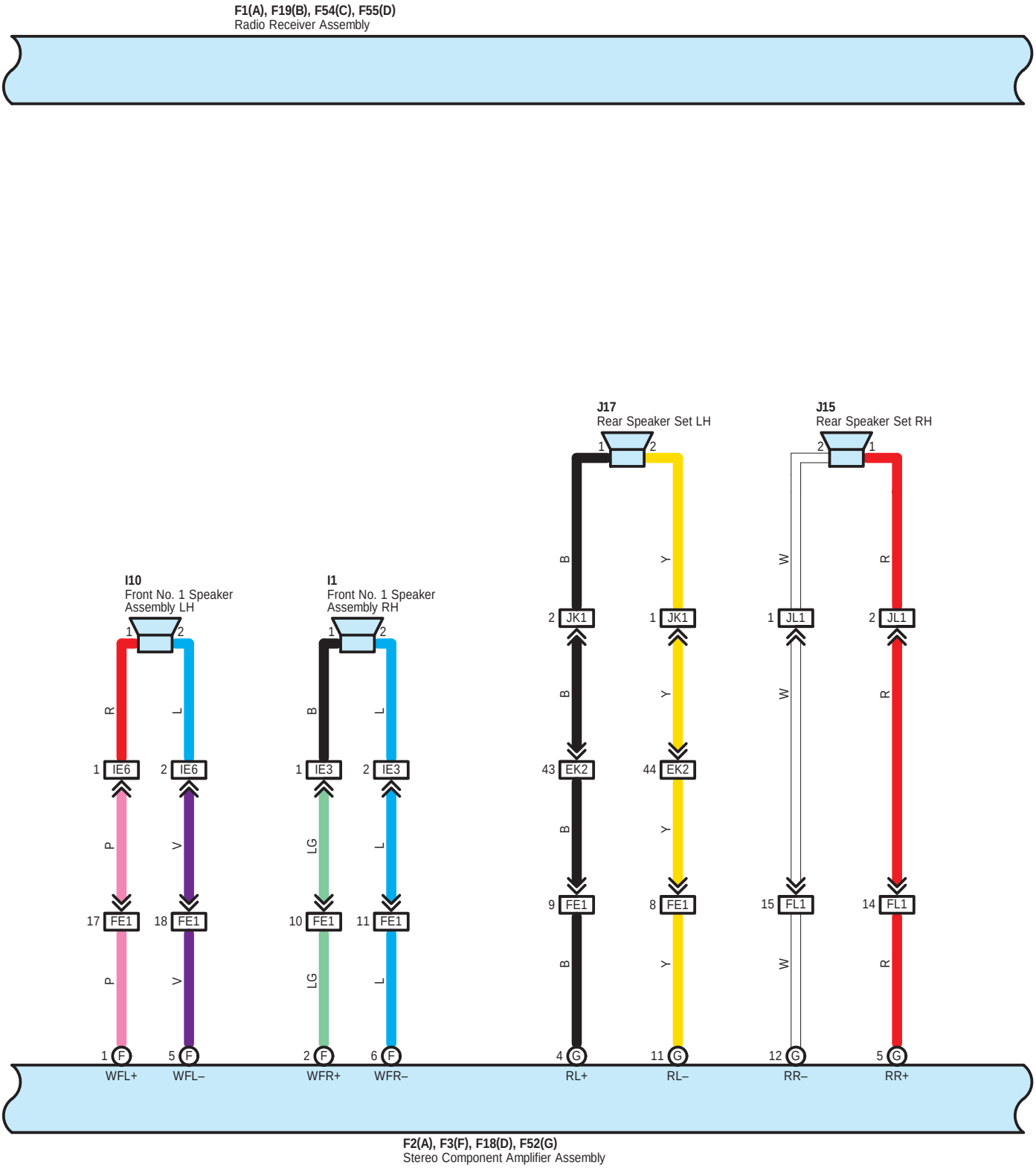
∗ 1 : w/ Bluetooth Hands–Free System

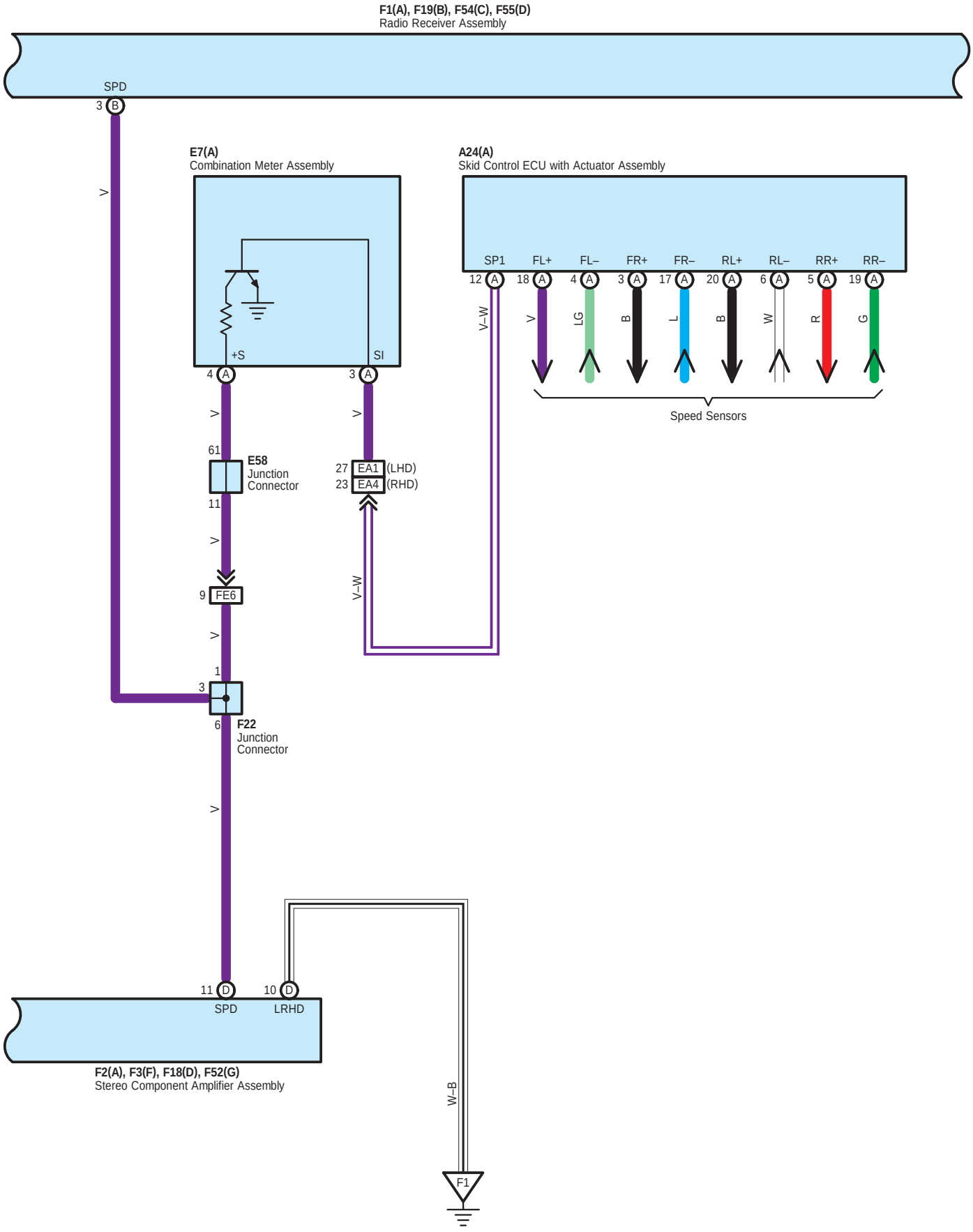


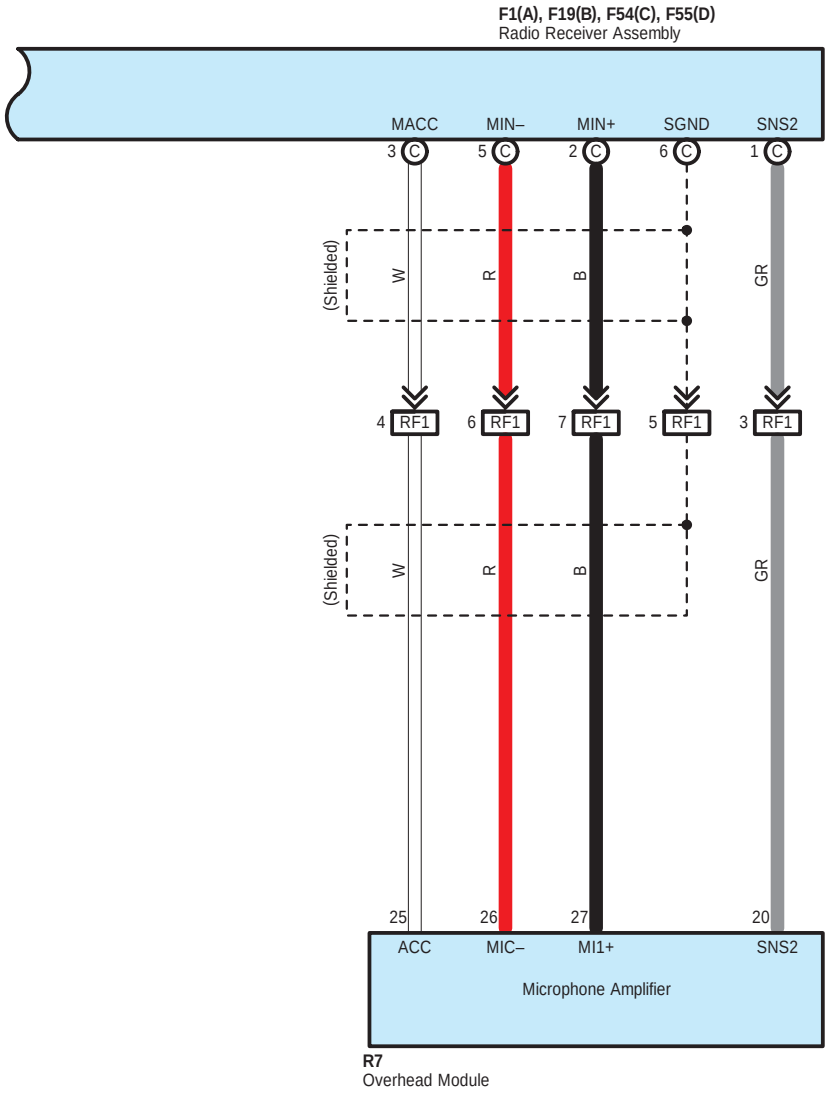

F1(A), F19(B), F54(C), F55(D)
Radio Receiver Assembly
AUXI
ALI
ARI
ASGN
AGND
CDR+
CDR–
CDL+
CDL–
CSLD
(Shielded)
URO+
URO–
ULO+
ULO–
USD1
UPO
UDO–
UDO+
UESG
L40(A), L45(D)
Multi–Media
Interface ECU Assembly
AUXO
ALO
ARO
ASGN
AGND
UPO
UDI–
UDI+
UJSG
m1
No. 1 Stereo Jack Adapter Assembly
F2(A), F3(F), F18(D), F52(G)
Stereo Component Amplifier Assembly

: There is no wire color information.

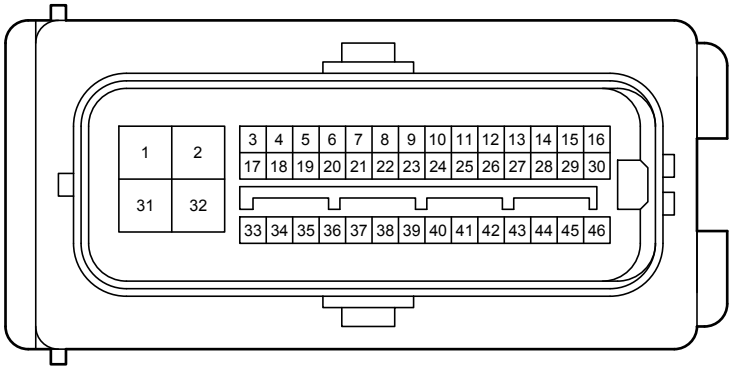



F1(A), F19(B), F54(C), F55(D)
Radio Receiver Assembly
I10
Front No. 1 Speaker Assembly LH
I1
Front No. 1 Speaker Assembly RH
J17
Rear Speaker Set LH
J15
Rear Speaker Set RH
R
L
B
LG
P
V
Y
W
IE6
IE3
JK1
EK2
JL1
FE1
FL1
WFL+
WFL–
WFR+
WFR–
RL+
RL–
RR–
RR+
F2(A), F3(F), F18(D), F52(G)
Stereo Component Amplifier Assembly

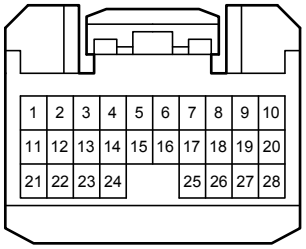

F1(A), F19(B), F54(C), F55(D)
Radio Receiver Assembly
SPD
3 B
V
E7(A)
Combination Meter Assembly
+S
SI
4 A
3 A
V
V
61
E58
Junction
Connector
11
27 EA1 (LHD)
23 EA4 (RHD)
V–W
V
9 FE6
V
1
3
6
F22
Junction
Connector
V
A24(A)
Skid Control ECU with Actuator Assembly
SP1
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
12 A
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
V–W
V
LG
B
L
B
W
R
G
Speed Sensors
11 D
10 D
SPD
LRHD
F2(A), F3(F), F18(D), F52(G)
Stereo Component Amplifier Assembly
W–B
F1


F1(A), F19(B), F54(C), F55(D)
Radio Receiver Assembly
MACC
MIN–
MIN+
SGND
SNS2
3 C
5 C
2 C
6 C
1 C
(Shielded)
W
R
B
GR
4 RF1
6 RF1
7 RF1
5 RF1
3 RF1
(Shielded)
W
R
B
GR
25
26
27
20
ACC
MIC–
MI1+
SNS2
Microphone Amplifier
R7
Overhead Module

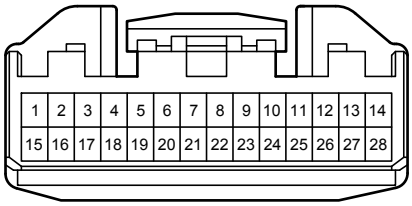
A 24
Black



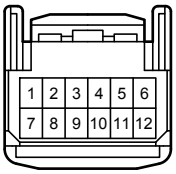
E 2
White



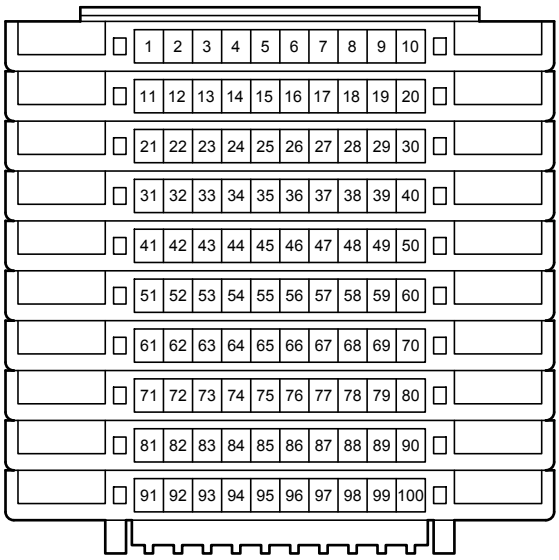
E 7
White



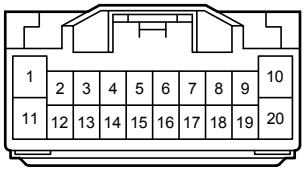
E 12
Black



E 58



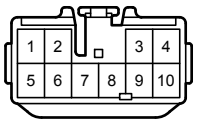
F 1
White



F 2
White



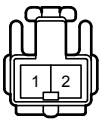
F 3
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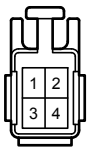
F 5
White



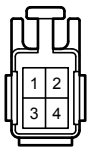
F 6
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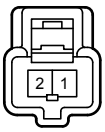
F 7
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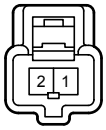
F 8
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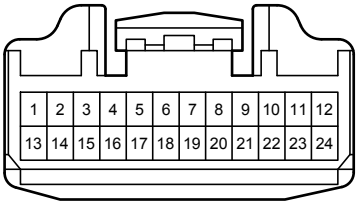
F 13
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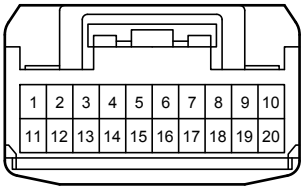
F 14
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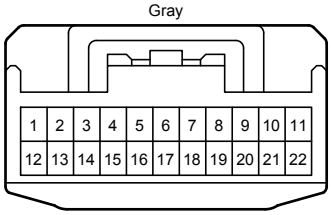
F 18
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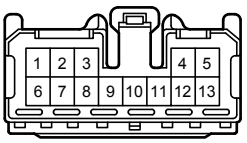
F 19
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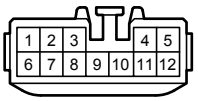
F 20
Gray



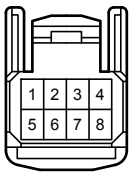
F 22
White



F 52
White



F 54
White



F 55
White



I 1
White



I 10
White



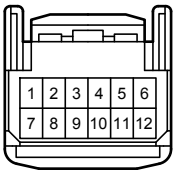
J 15
White



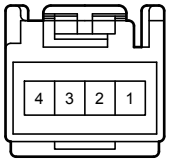
J 17
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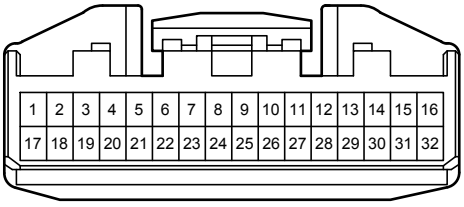
L 40
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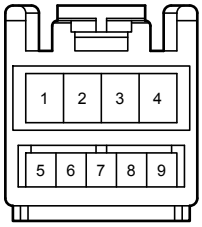
L 45
Brown



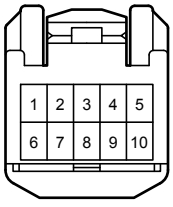
R 7
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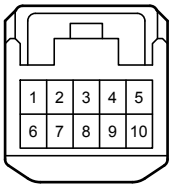
m 1
Black



z 36
White

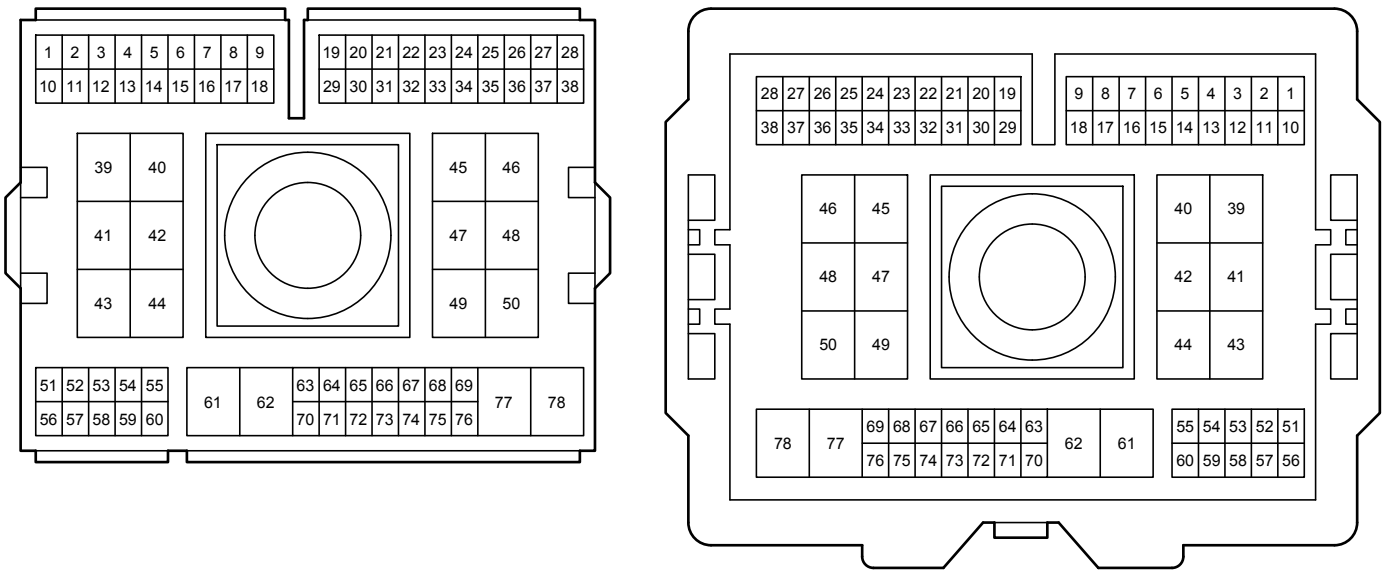


2E
White



EA1

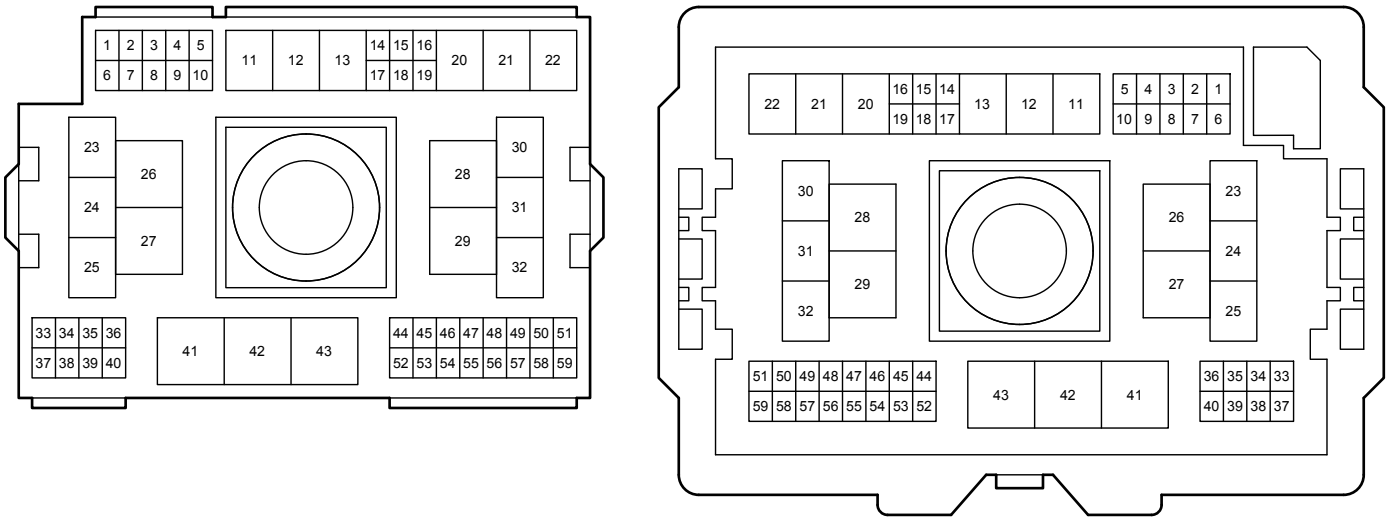
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EA2

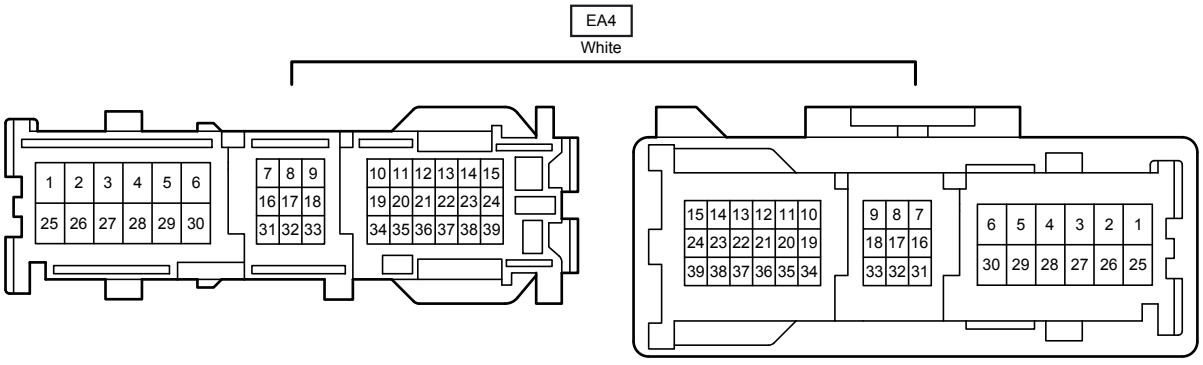
White

Gray

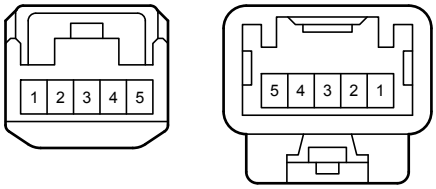


EA4

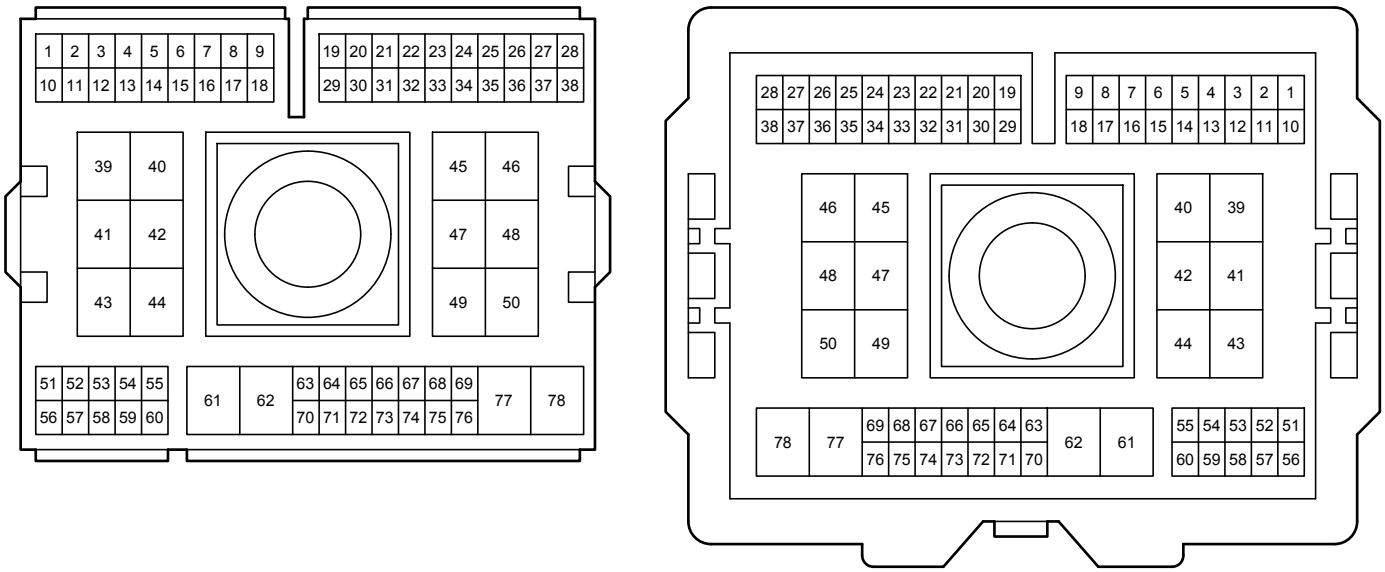
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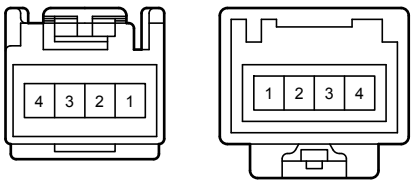
EF1
White



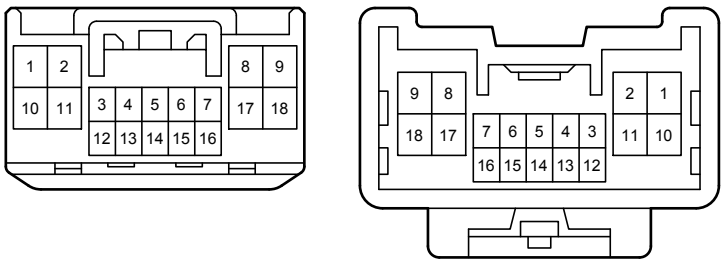
EK2
White



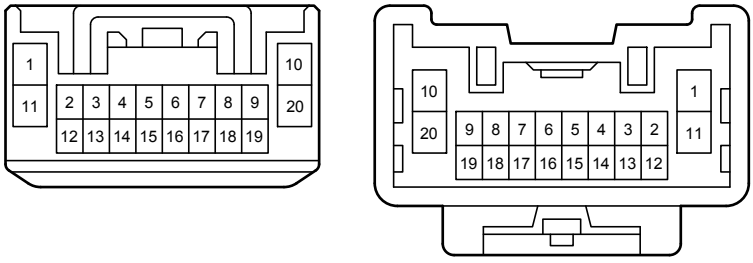
EL3
Brown



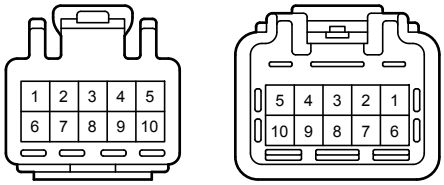
FE1
White

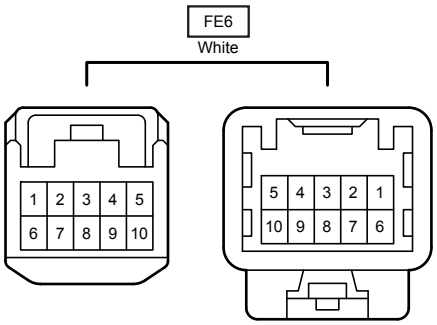


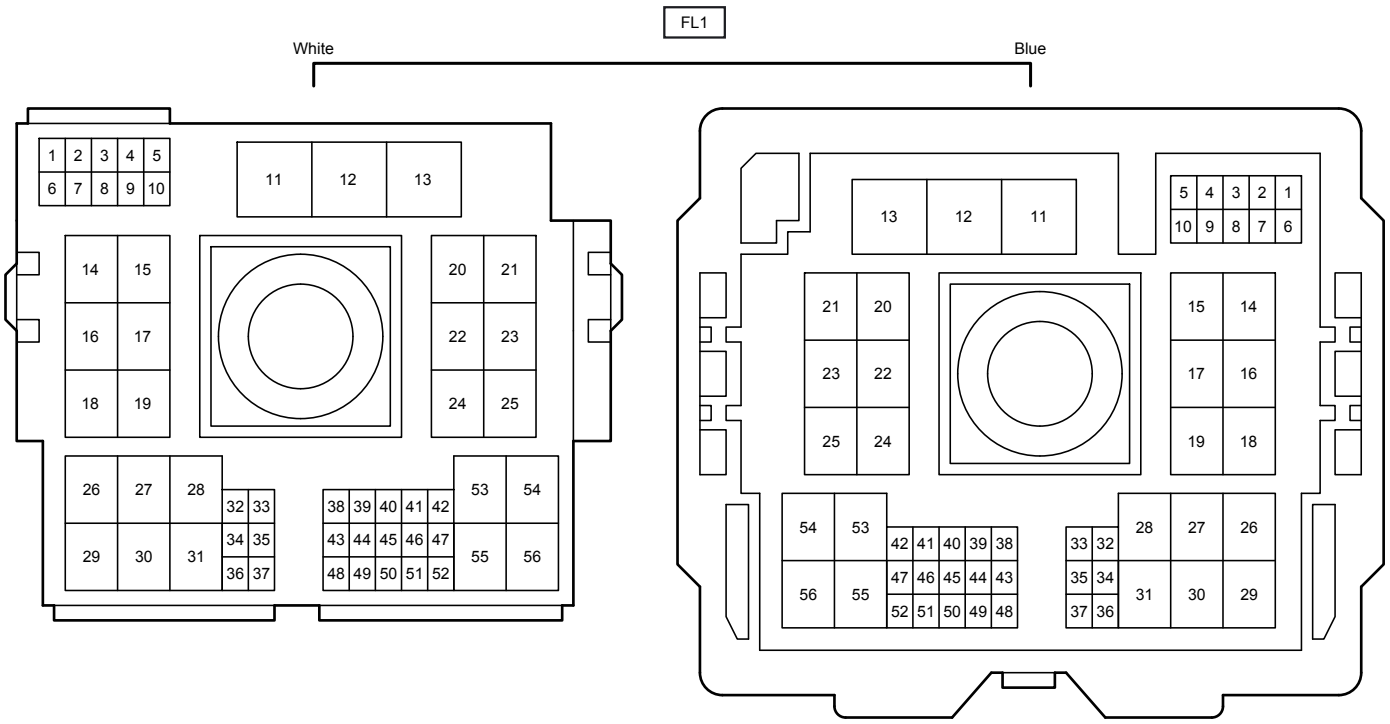
FE4
White

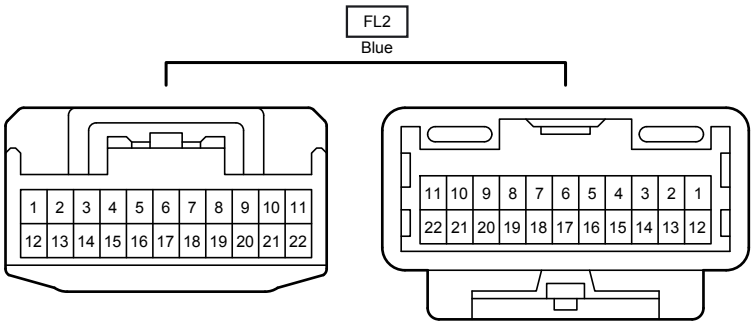


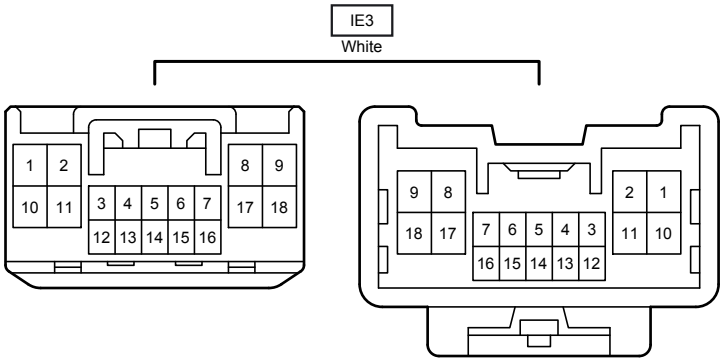
FE5
White



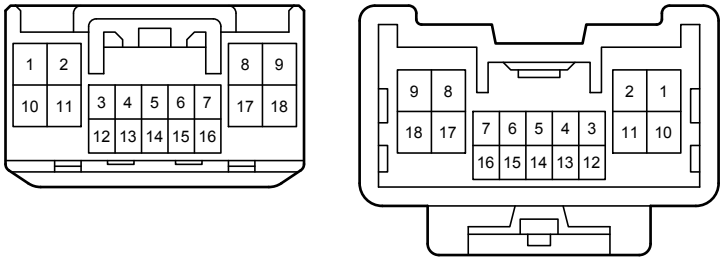

FE6
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6


FL1
White
Blue
1 2 3 4 5
6 7 8 9 10
11 12 13
14 15
16 17
18 19
20 21
22 23
24 25
26 27 28
29 30 31
32 33
34 35
36 37
38 39 40 41 42
43 44 45 46 47
48 49 50 51 52
53 54
55 56
13 12 11
5 4 3 2 1
10 9 8 7 6
21 20
23 22
25 24
15 14
17 16
19 18
54 53
56 55
42 41 40 39 38
47 46 45 44 43
52 51 50 49 48
33 32
35 34
37 36
28 27 26
31 30 29

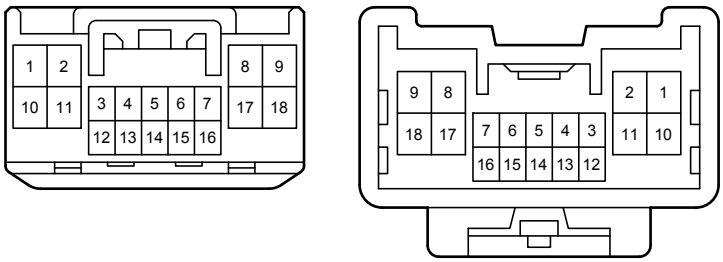

FL2
Blue
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12


IE3
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10

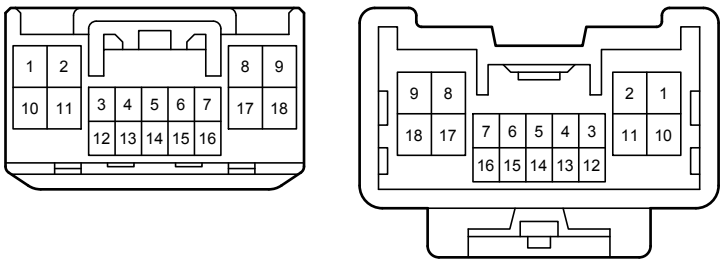
IE6
White



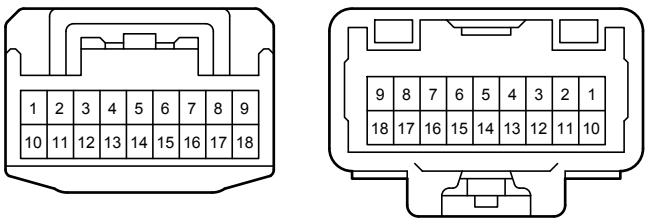
JK1
White



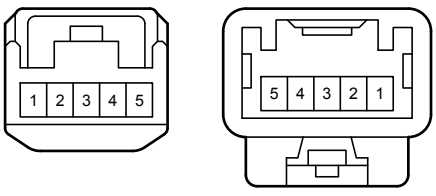
JL1
White



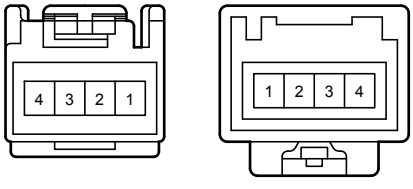
RF1
Gray

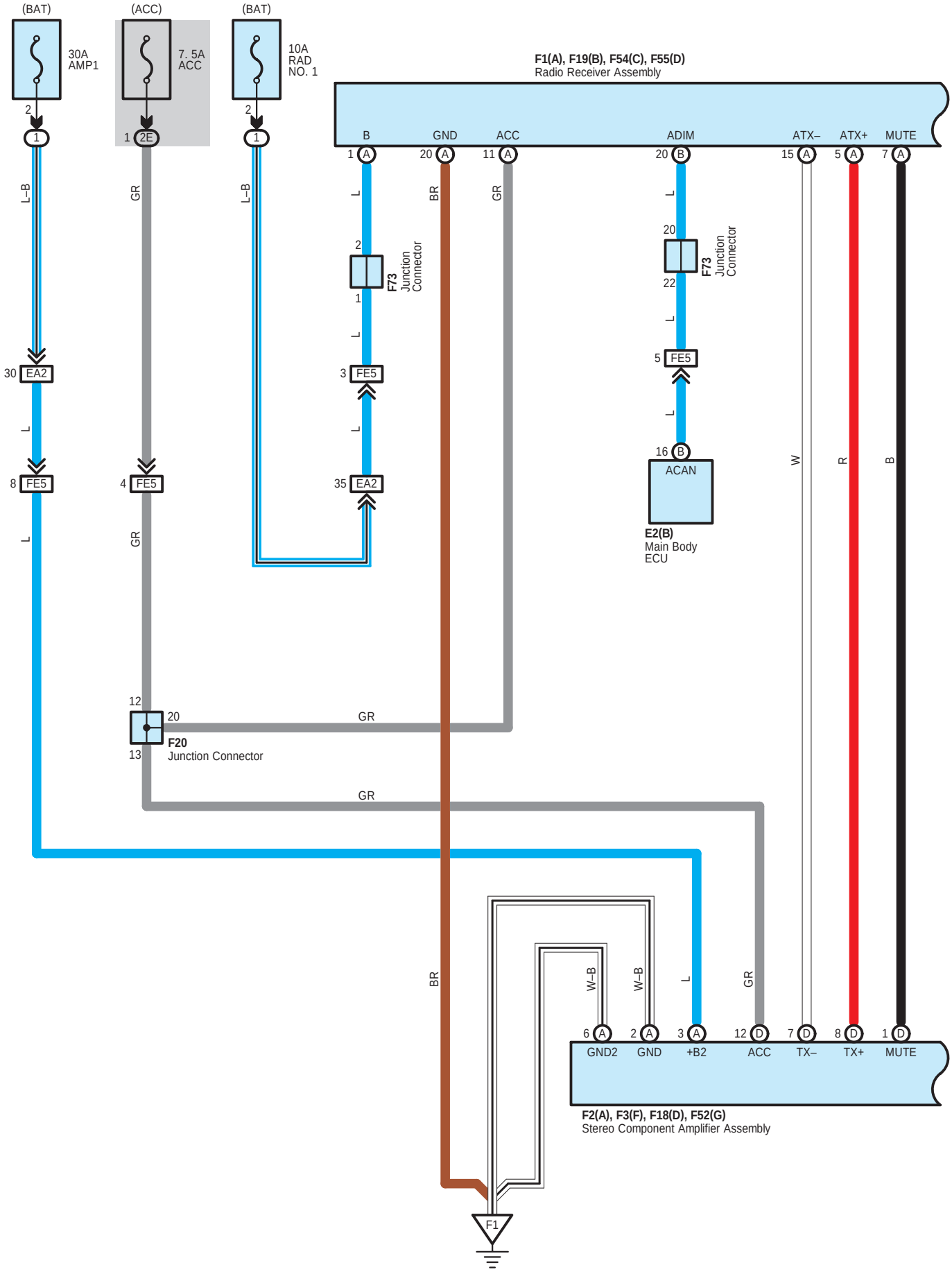


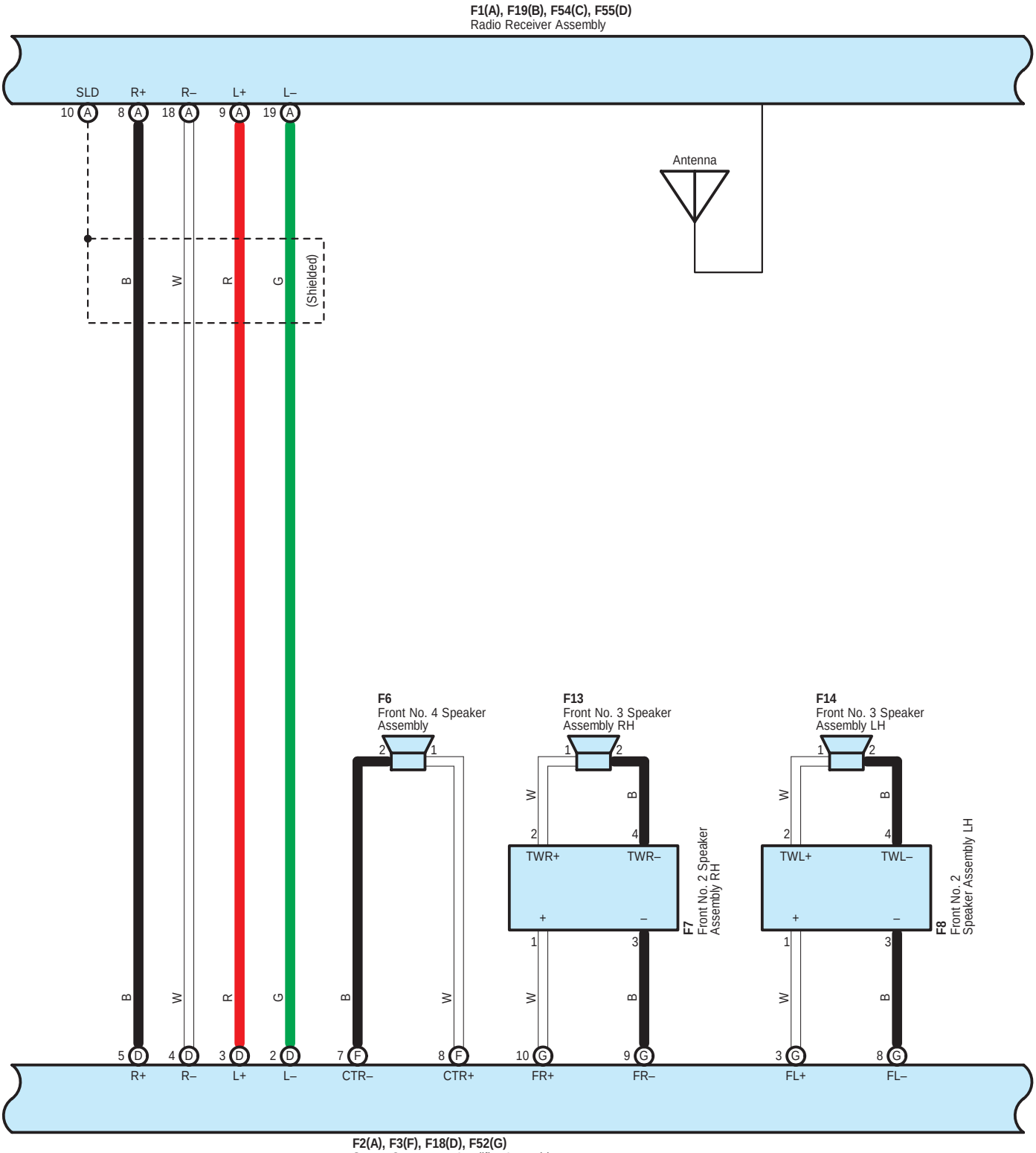
mE1
White

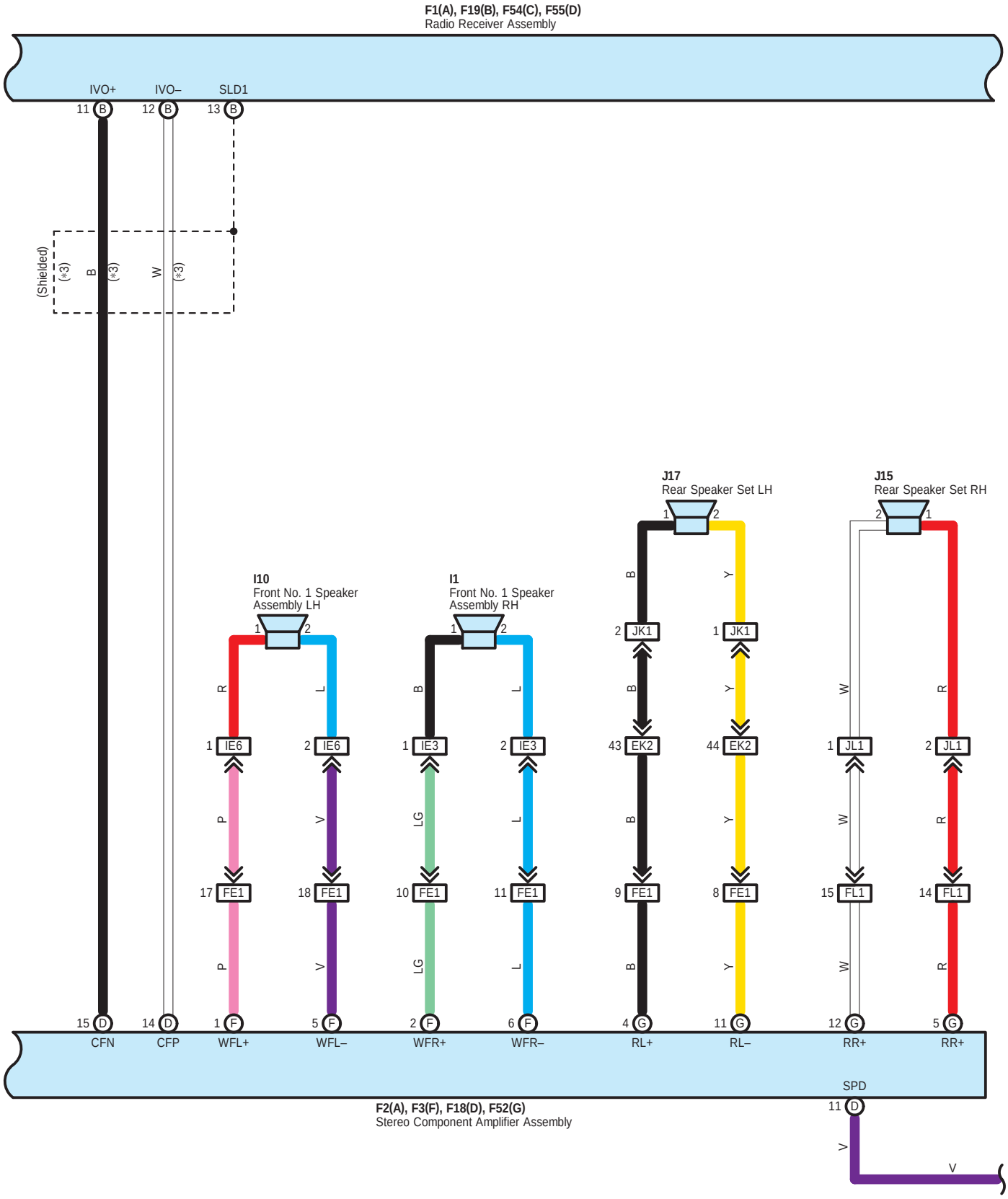


mE2
Brown

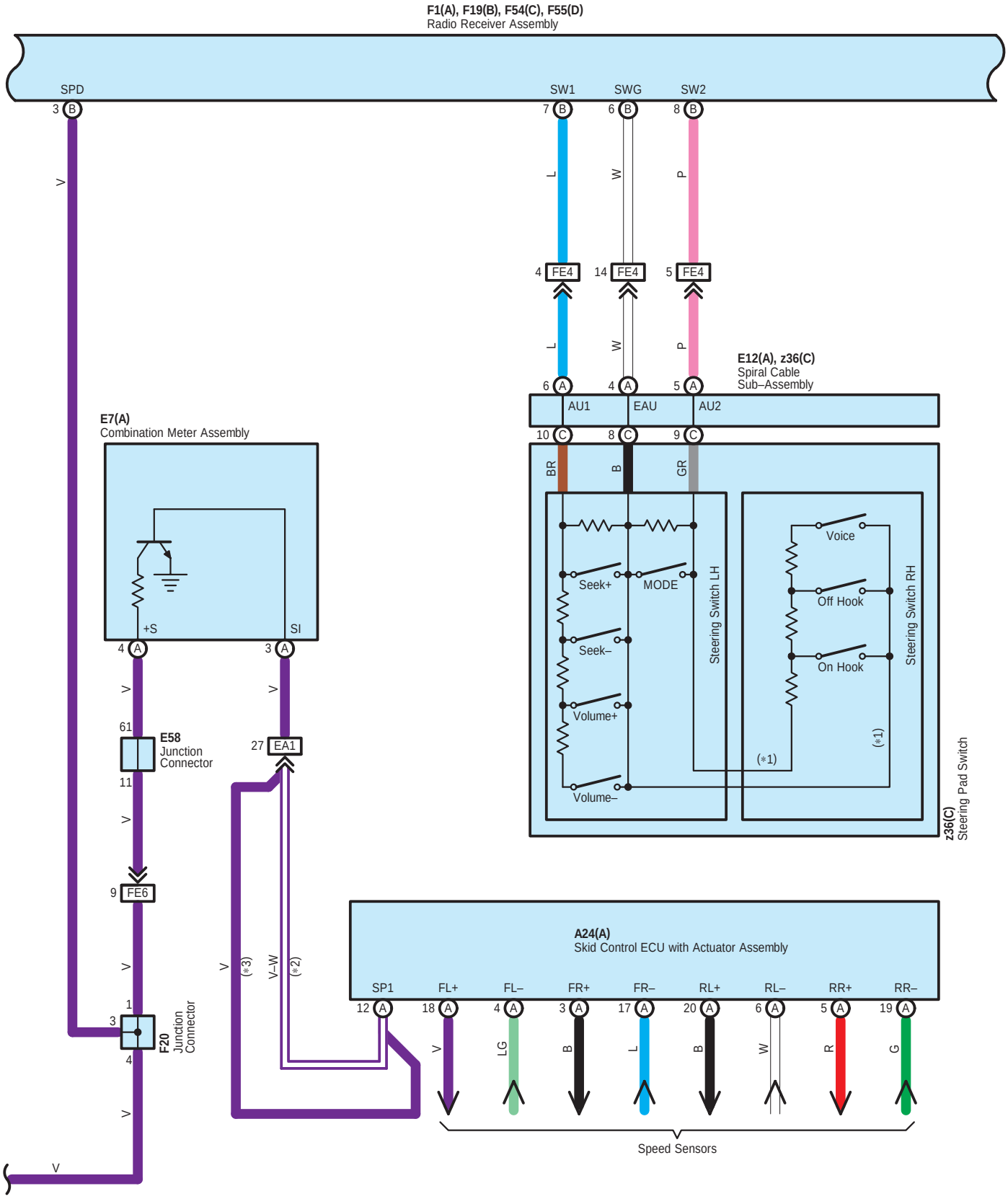


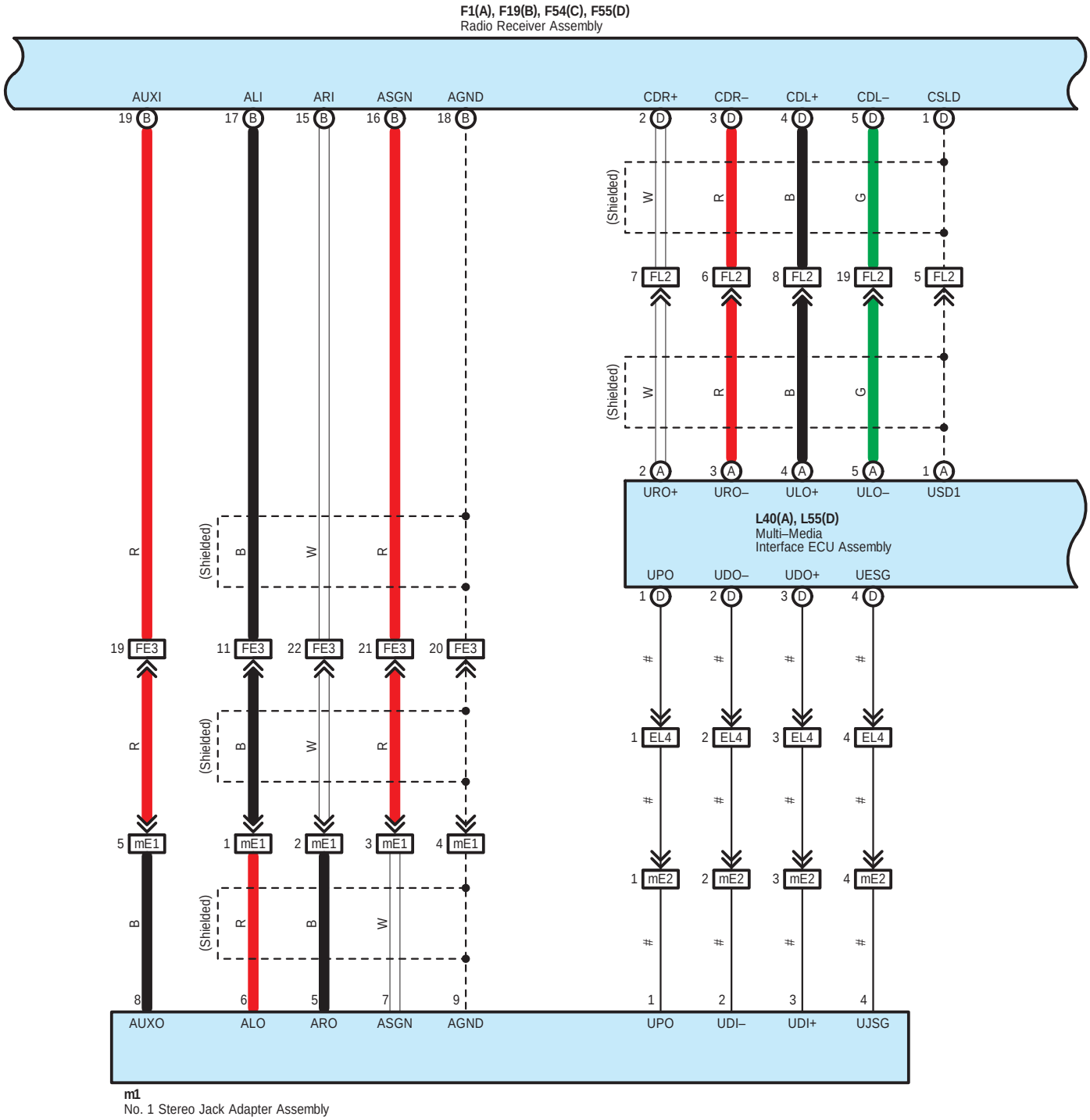

(BAT)
30A
AMP1
(ACC)
7. 5A
ACC
(BAT)
10A
RAD
NO. 1
F1(A), F19(B), F54(C), F55(D)
Radio Receiver Assembly
B
GND
ACC
ADIM
ATX–
ATX+
MUTE
L–B
GR
L–B
L
BR
GR
L
W
R
B
F73
Junction
Connector
F73
Junction
Connector
EA2
FE5
FE5
FE5
EA2
ACAN
E2(B)
Main Body
ECU
F20
Junction Connector
GR
GR
BR
W–B
W–B
L
GR
GND2
GND
+B2
ACC
TX–
TX+
MUTE
F2(A), F3(F), F18(D), F52(G)
Stereo Component Amplifier Assembly
F1


F1(A), F19(B), F54(C), F55(D)
Radio Receiver Assembly
SLD
R+
R–
L+
L–
10 A
8 A
18 A
9 A
19 A
Antenna
B
W
R
G
(Shielded)
F6
Front No. 4 Speaker Assembly
F13
Front No. 3 Speaker Assembly RH
F14
Front No. 3 Speaker Assembly LH
F7
Front No. 2 Speaker Assembly RH
F8
Front No. 2 Speaker Assembly LH
TWR+
TWR–
TWL+
TWL–
5 D
4 D
3 D
2 D
7 F
8 F
10 G
9 G
3 G
8 G
R+
R–
L+
L–
CTR–
CTR+
FR+
FR–
FL+
FL–
F2(A), F3(F), F18(D), F52(G)
Stereo Component Amplifier Assembly

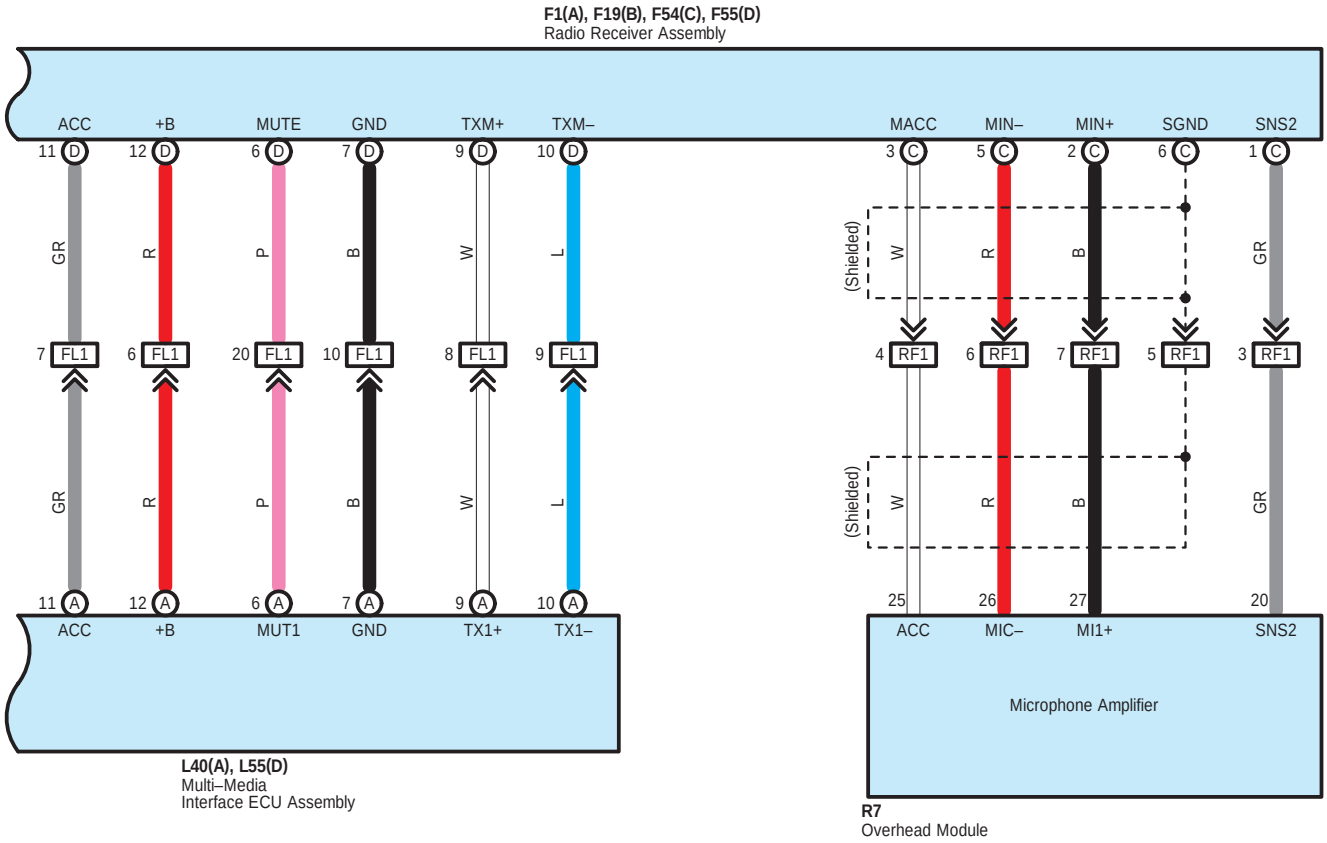

F1(A), F19(B), F54(C), F55(D)
Radio Receiver Assembly
IVO+
IVO–
SLD1
11 B
12 B
13 B
(Shielded)
B (*3)
W (*3)
I10
Front No. 1 Speaker Assembly LH
I1
Front No. 1 Speaker Assembly RH
J17
Rear Speaker Set LH
J15
Rear Speaker Set RH
IE6
IE3
JK1
EK2
JL1
FE1
FL1
15 D CFN
14 D CFP
1 F WFL+
5 F WFL–
2 F WFR+
6 F WFR–
4 G RL+
11 G RL–
12 G RR+
5 G RR+
F2(A), F3(F), F18(D), F52(G)
Stereo Component Amplifier Assembly
SPD
11 D
V

* 1 : w/ Bluetooth Hands–Free System
* 2 : Before Jan. 2013 Production, From Jan. 2013 Production China
* 3 : From Jan. 2013 Production Except China

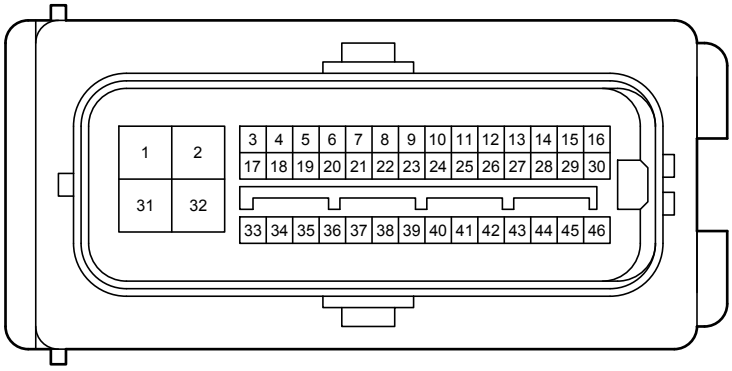




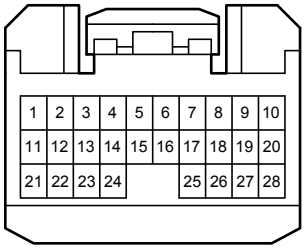
: There is no wire color information.


F1(A), F19(B), F54(C), F55(D)
Radio Receiver Assembly
ACC
+B
MUTE
GND
TXM+
TXM–
MACC
MIN–
MIN+
SGND
SNS2
11 D
12 D
6 D
7 D
9 D
10 D
3 C
5 C
2 C
6 C
1 C
GR
R
P
B
W
L
(Shielded)
7 FL1
6 FL1
20 FL1
10 FL1
8 FL1
9 FL1
4 RF1
6 RF1
7 RF1
5 RF1
3 RF1
11 A
12 A
6 A
7 A
9 A
10 A
25
26
27
20
ACC
+B
MUT1
GND
TX1+
TX1–
ACC
MIC–
MI1+
SNS2
Microphone Amplifier
L40(A), L55(D)
Multi–Media
Interface ECU Assembly
R7
Overhead Module

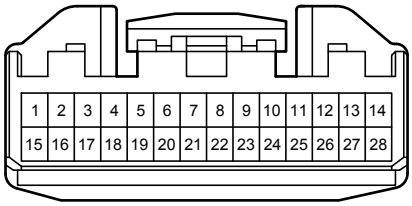
A 24
Black



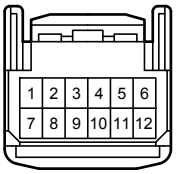
E 2
White



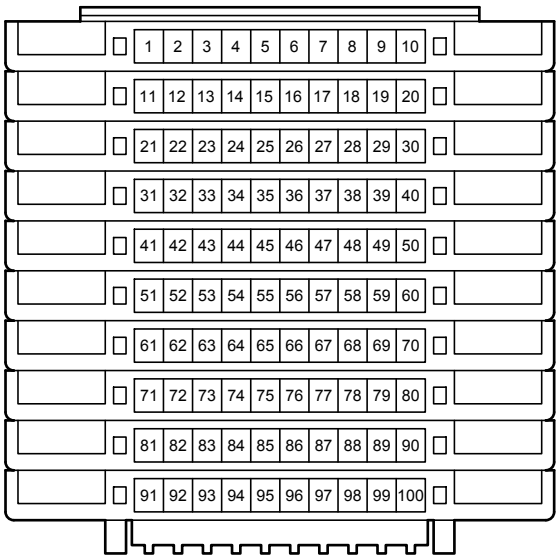
E 7
White



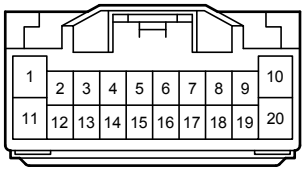
E 12
Black



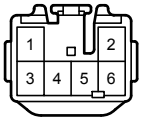
E 58



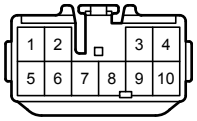
F 1
White



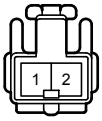
F 2
White



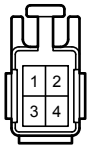
F 3
White



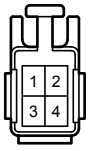
F 6
White



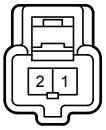
F 7
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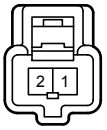
F 8
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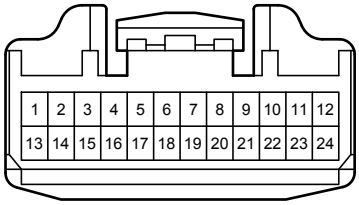
F 13
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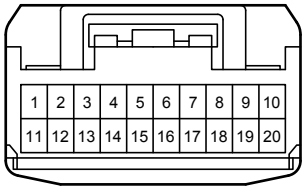
F 14
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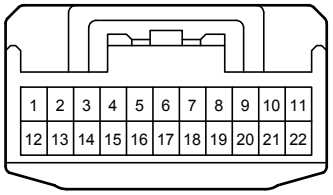
F 18
White



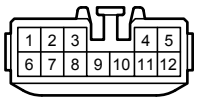
F 19
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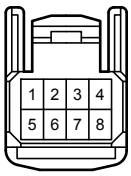
F 20
Gray



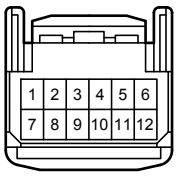
F 52
White



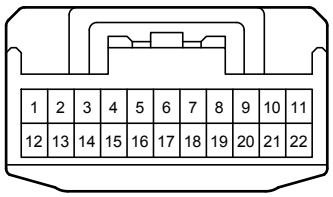
F 54
White



F 55
White



F 73
Blue



I 1
White



I 10
White



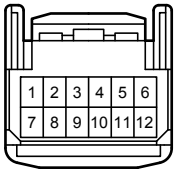
J 15
White



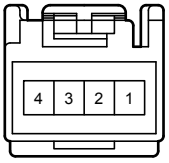
J 17
White



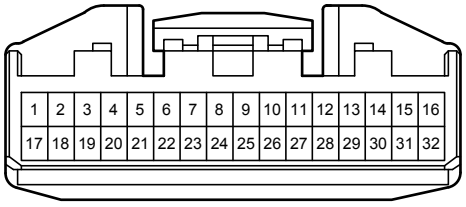
L 40
White



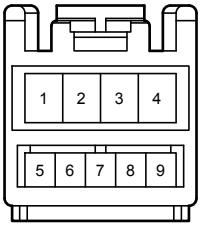
L 55
Brown



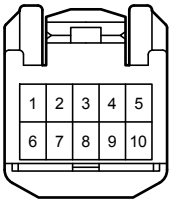
R 7
White



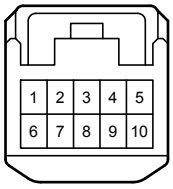
m 1
Black



z 36
White

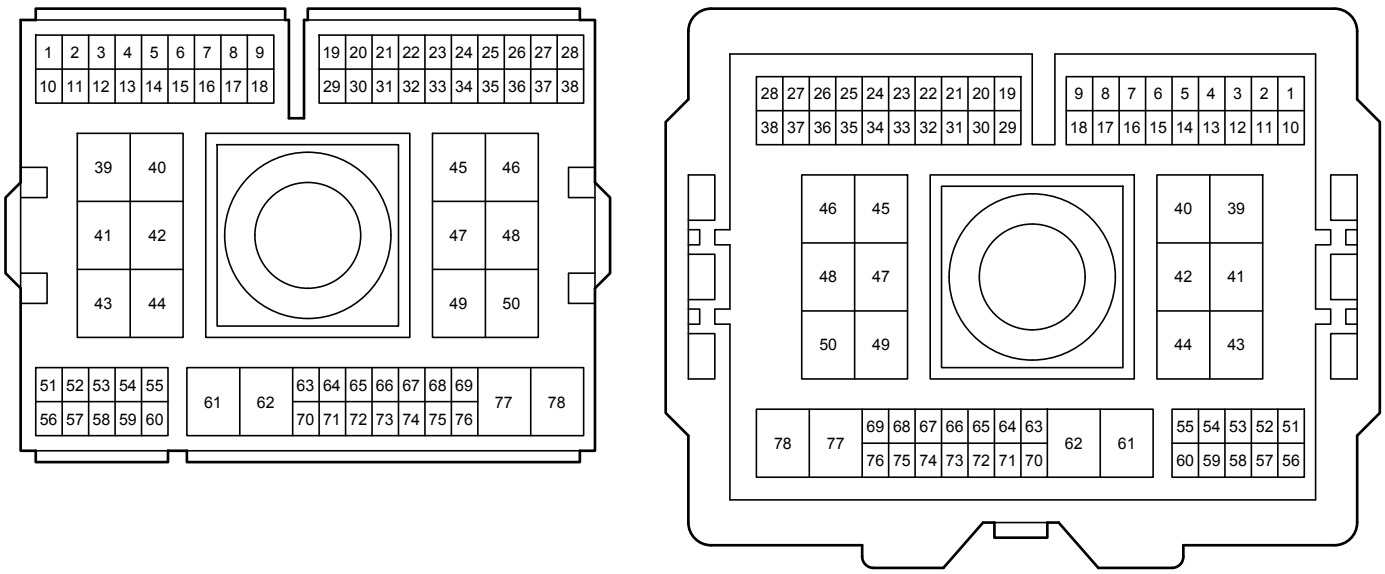


2E
White



EA1

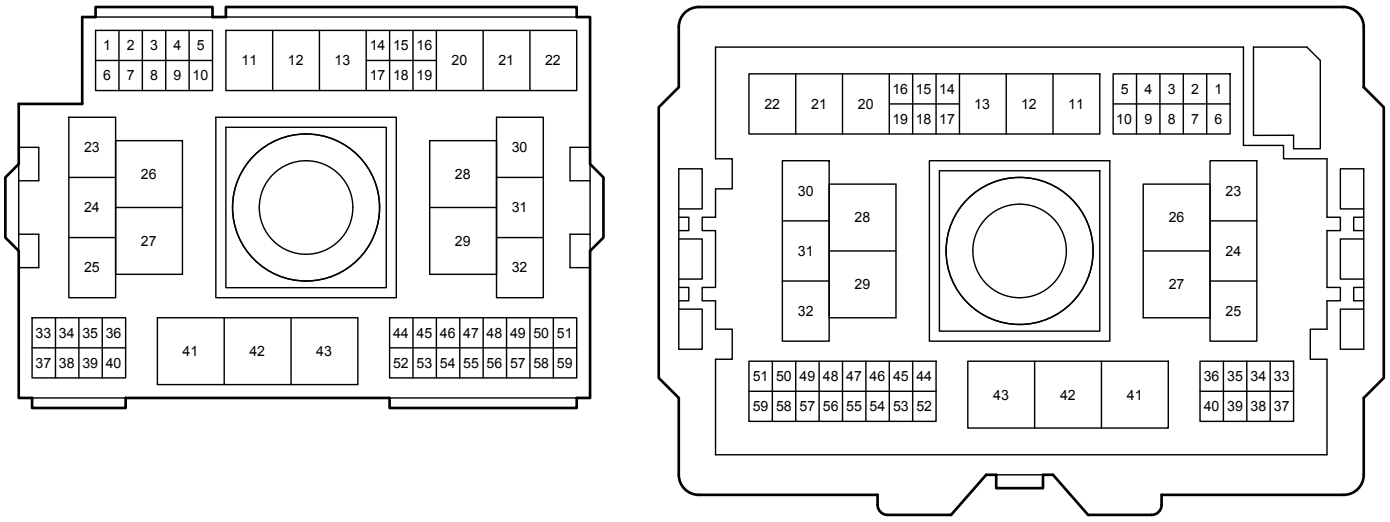
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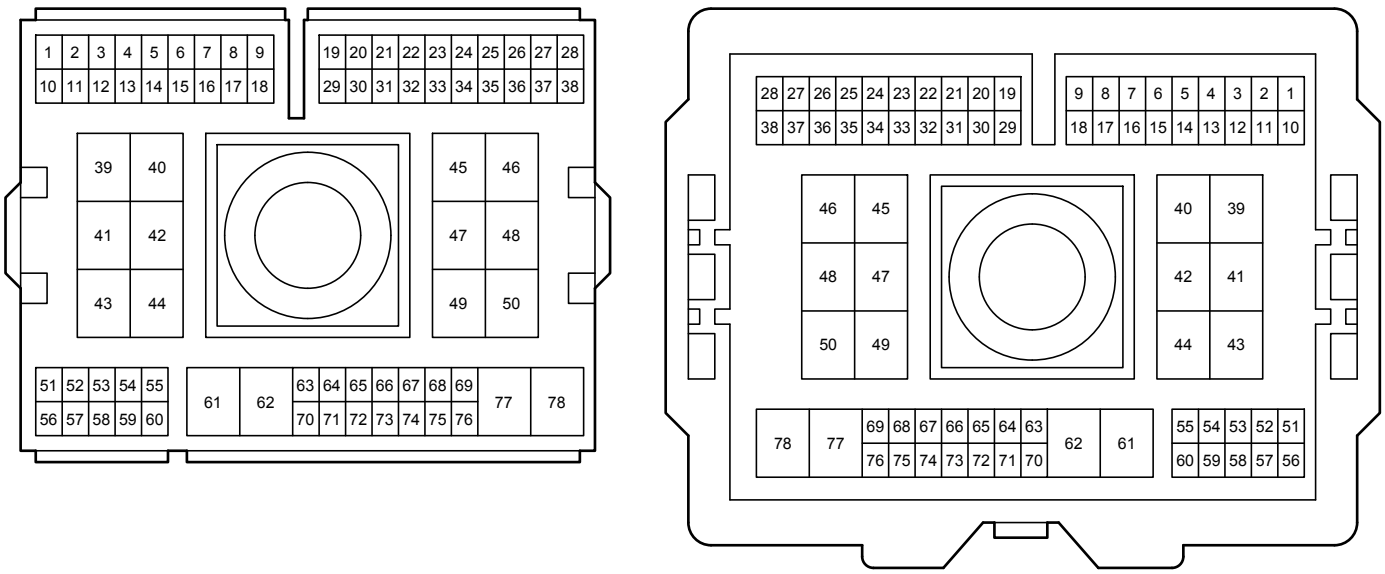
EA2

White

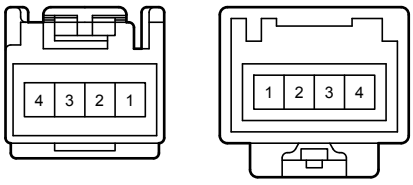
Gray



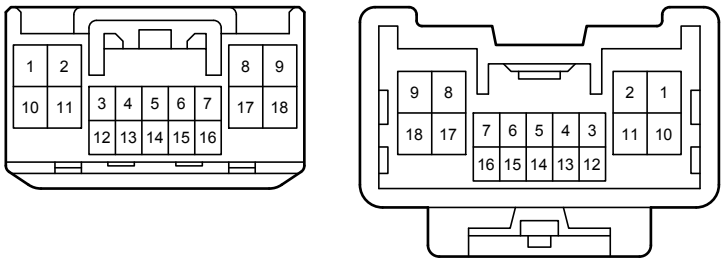
EK2
White



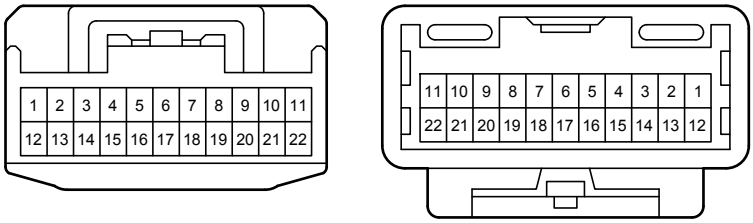
EL4
Brown



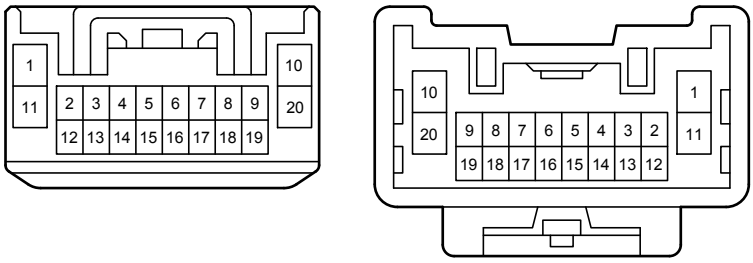
FE1
White



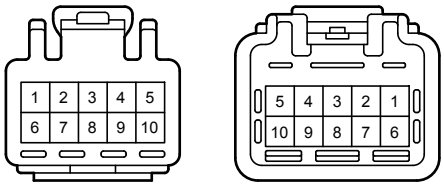
FE3
White



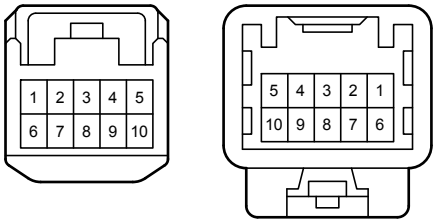
FE4
White



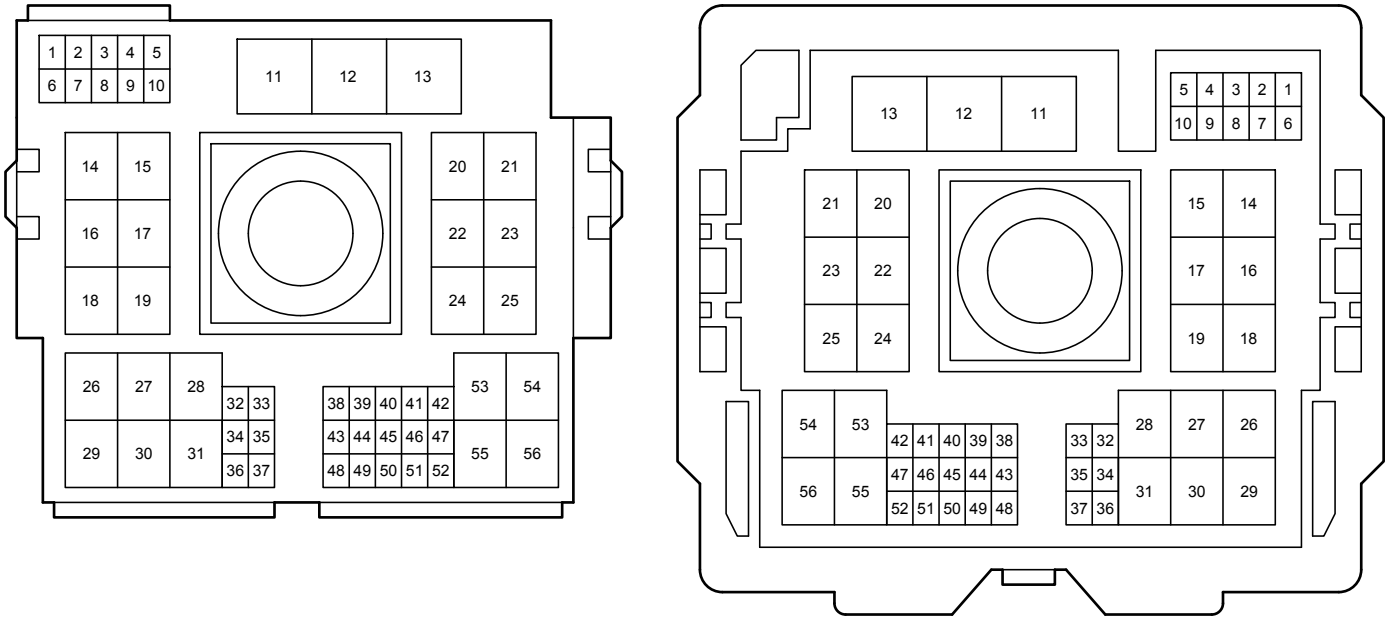
FE5
White



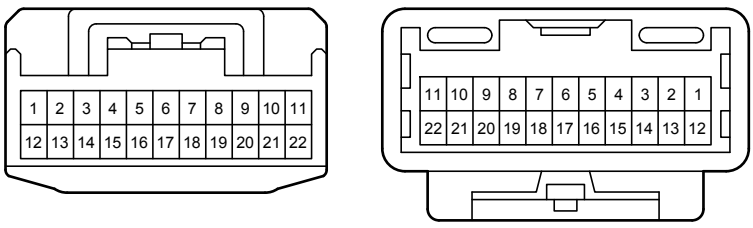
FE6
White



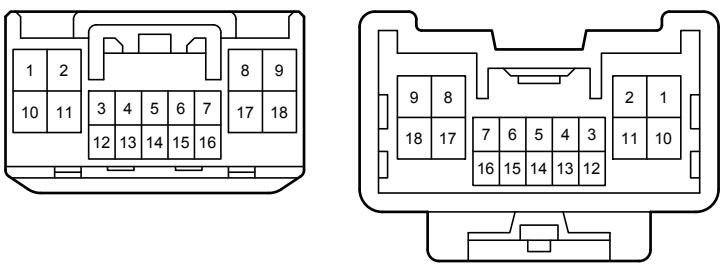
FL1
White
Blue



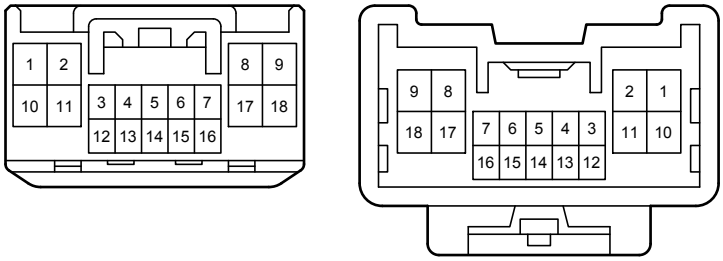
FL2
Blue



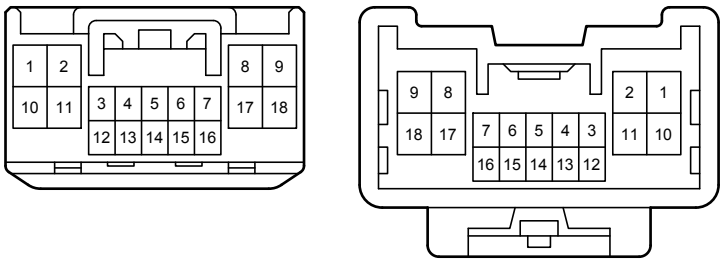
IE3
White



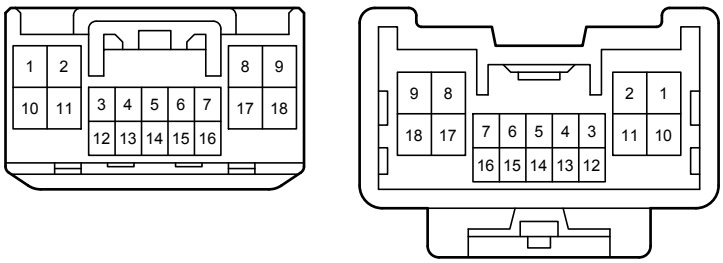
IE6
White



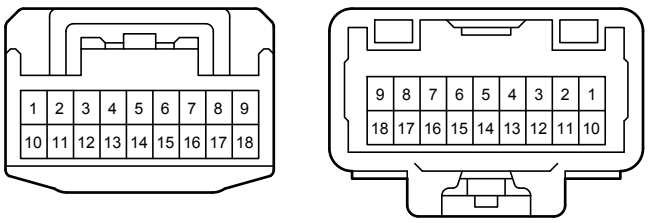
JK1
White



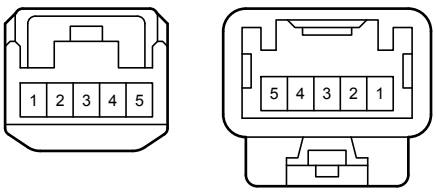
JL1
White



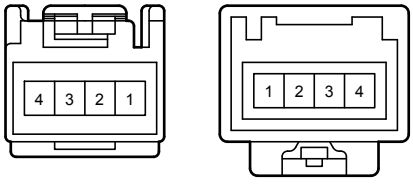
RF1
Gray

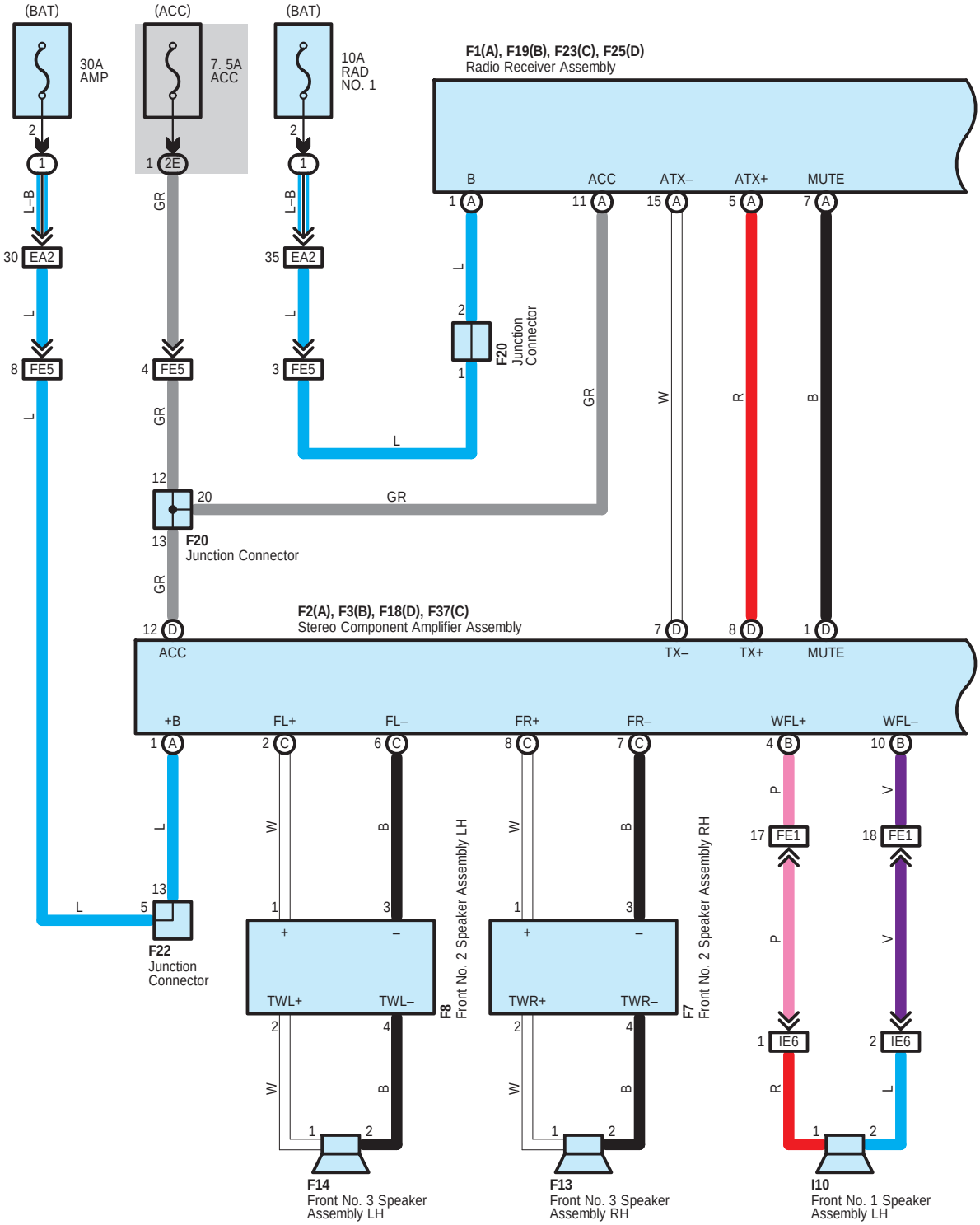


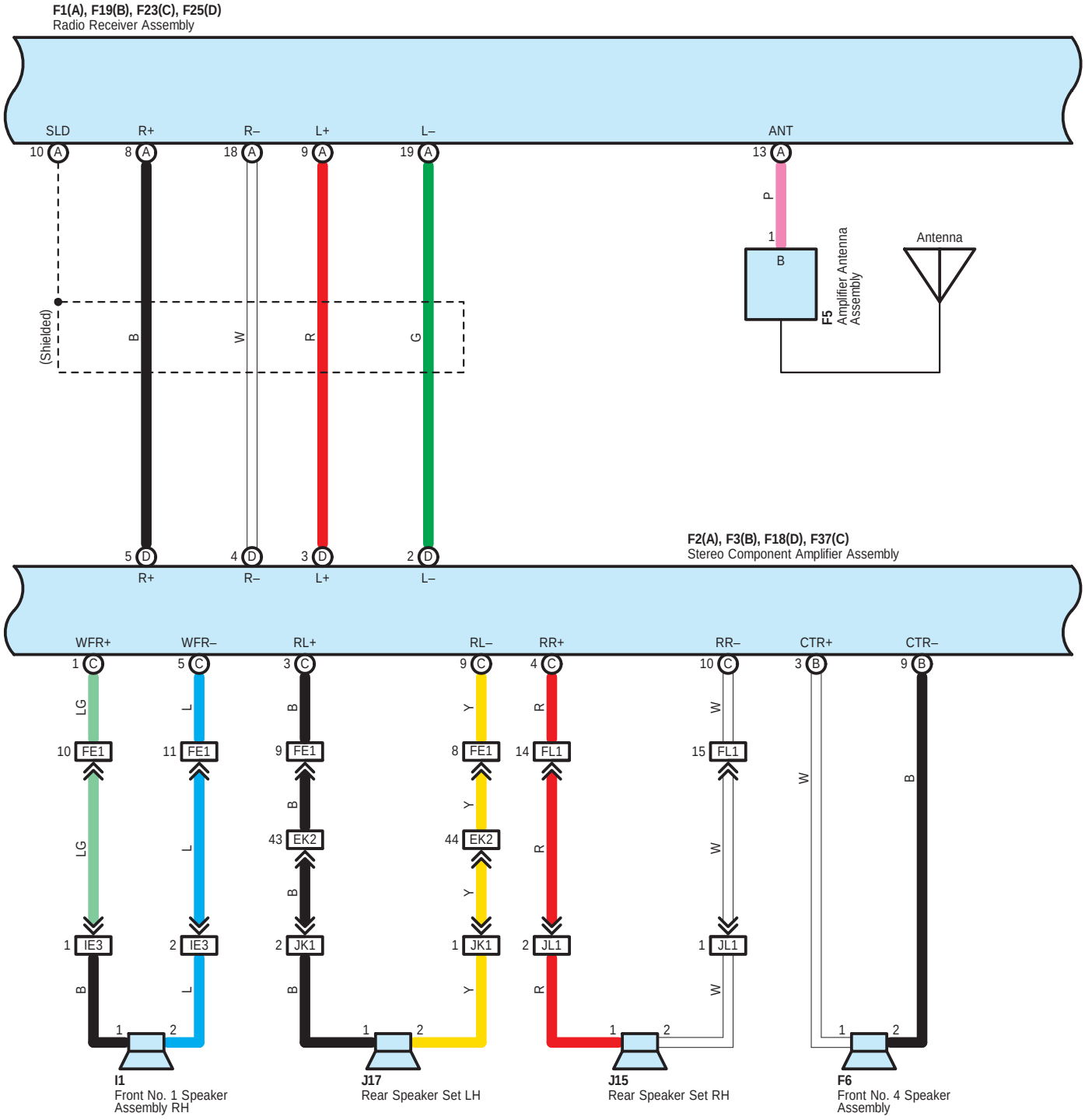
mE1
White

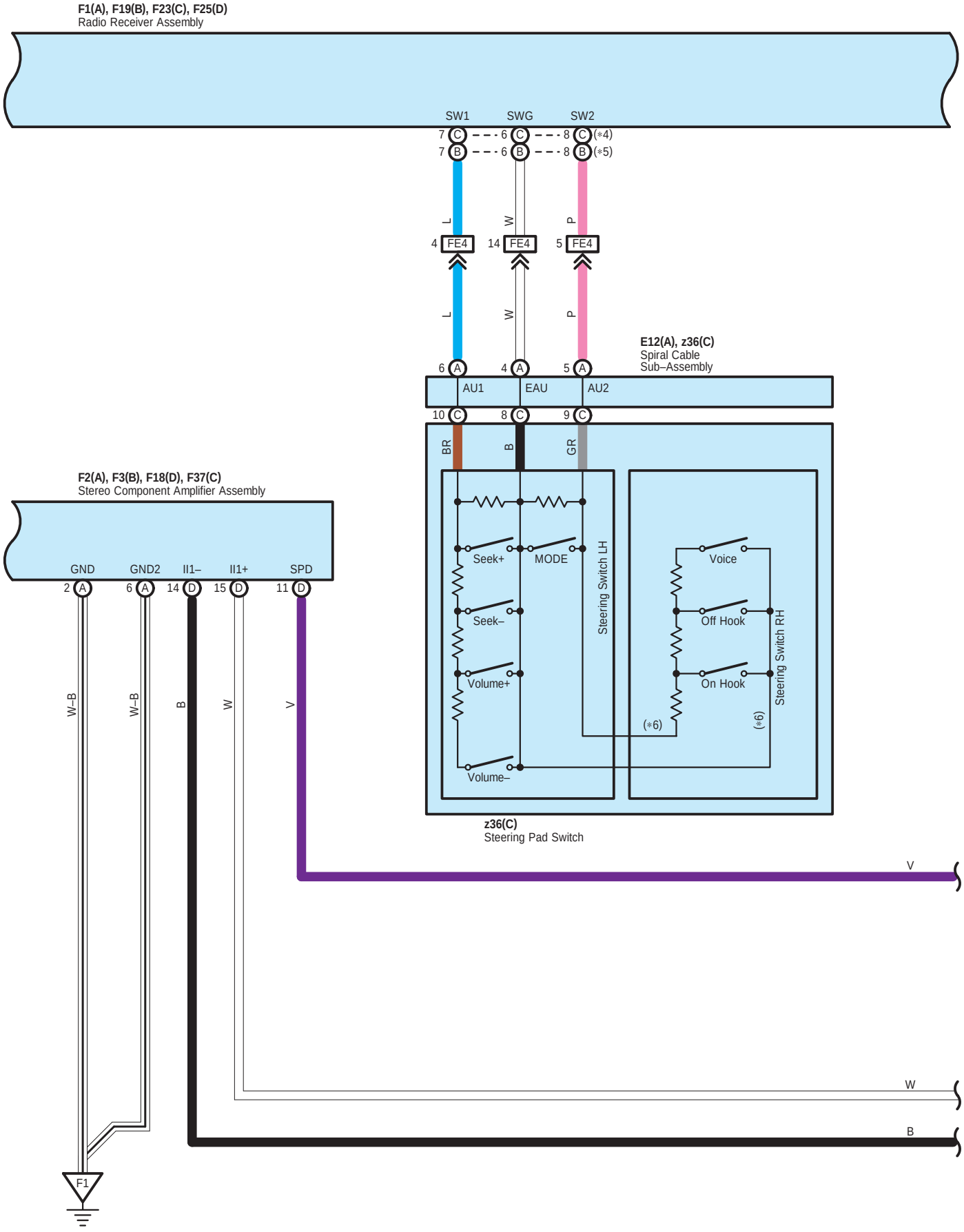


mE2
Brown

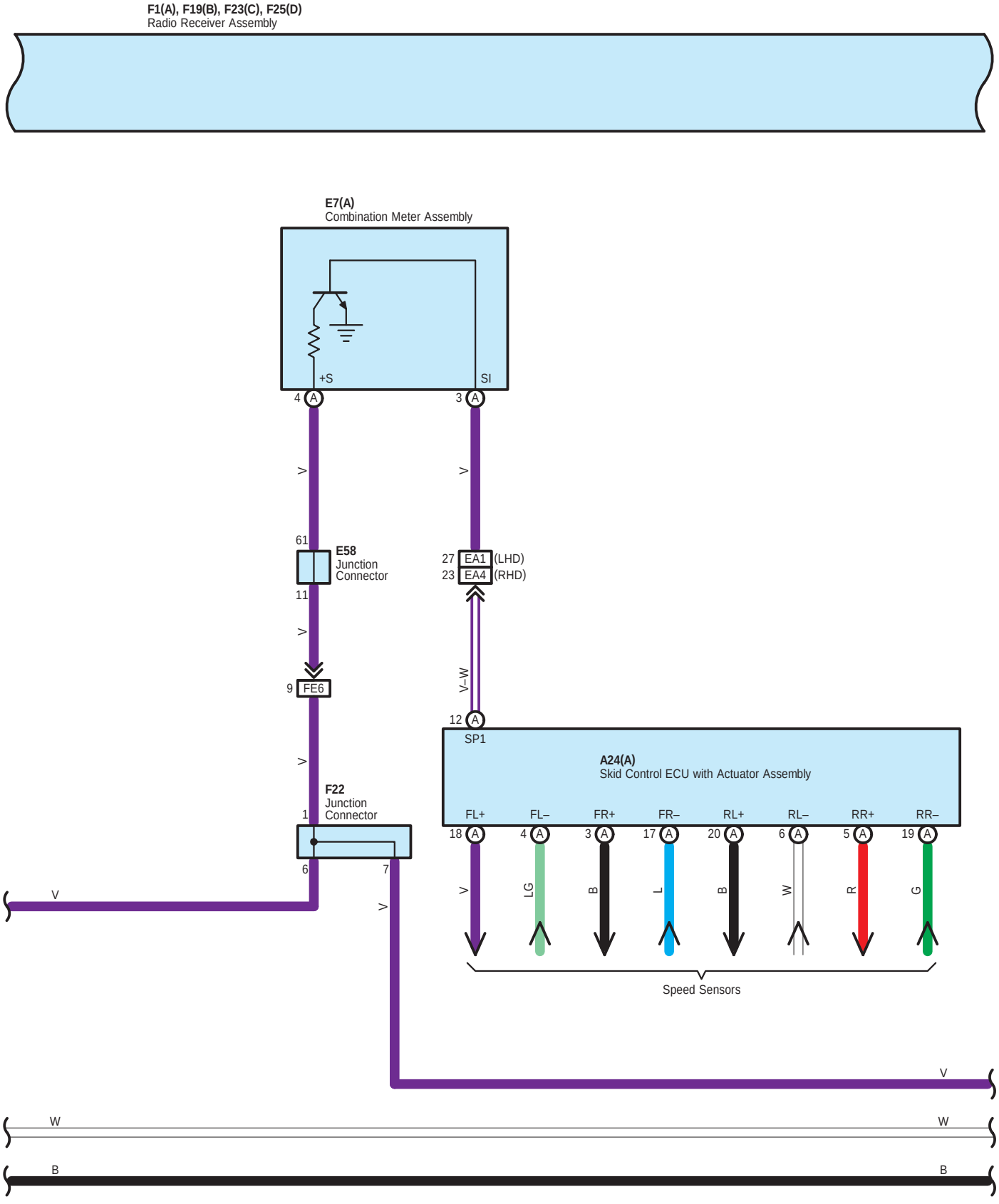


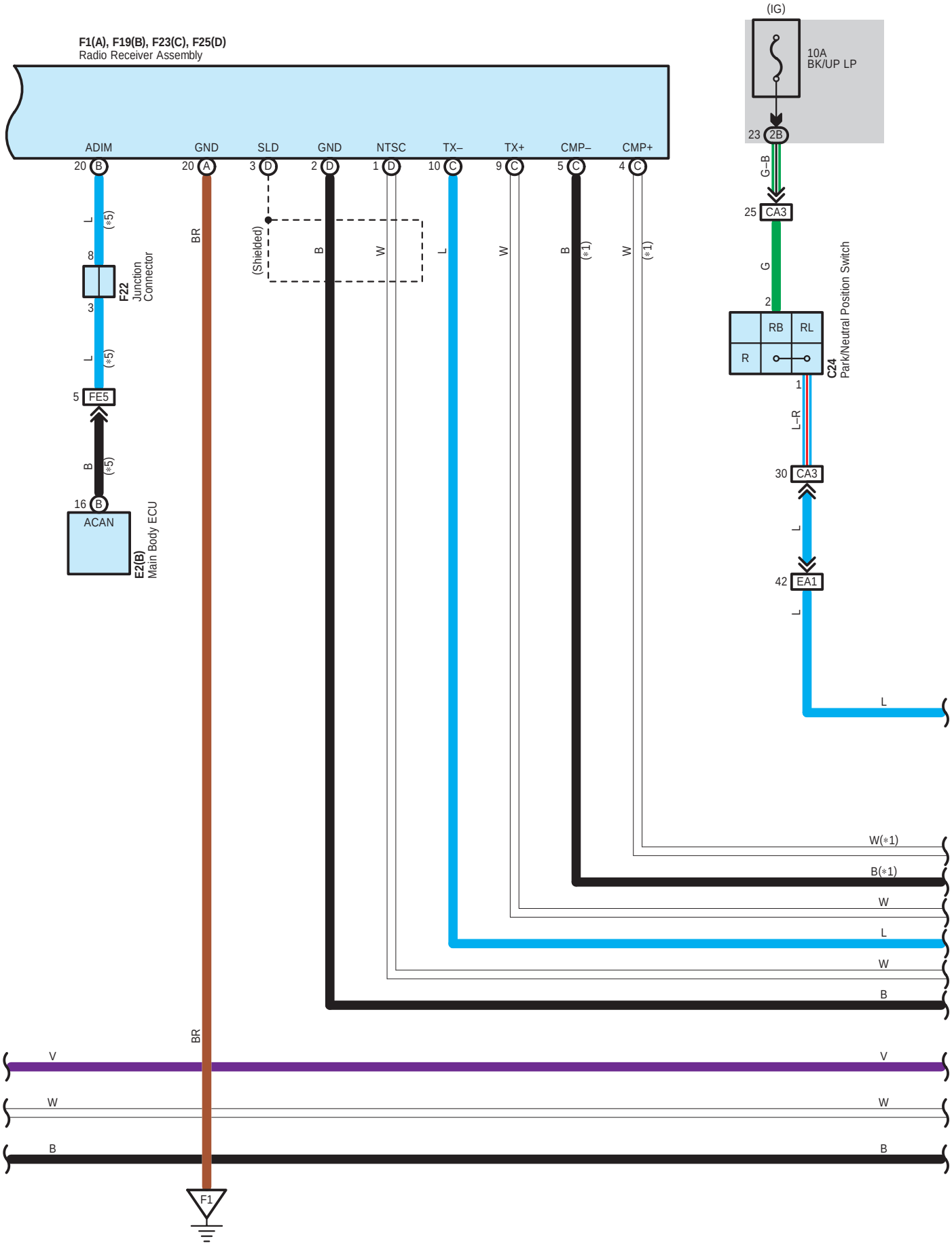

(BAT)
30A AMP
(ACC)
7. 5A ACC
(BAT)
10A RAD NO. 1
F1(A), F19(B), F23(C), F25(D)
Radio Receiver Assembly
B
ACC
ATX–
ATX+
MUTE
EA2
FE5
F20 Junction Connector
F2(A), F3(B), F18(D), F37(C)
Stereo Component Amplifier Assembly
ACC
TX–
TX+
MUTE
+B
FL+
FL–
FR+
FR–
WFL+
WFL–
F22 Junction Connector
F8 Front No. 2 Speaker Assembly LH
F7 Front No. 2 Speaker Assembly RH
TWL+
TWL–
TWR+
TWR–
FE1
IE6
F14 Front No. 3 Speaker Assembly LH
F13 Front No. 3 Speaker Assembly RH
I10 Front No. 1 Speaker Assembly LH


F1(A), F19(B), F23(C), F25(D)
Radio Receiver Assembly
SLD
R+
R–
L+
L–
ANT
10 A
8 A
18 A
9 A
19 A
13 A
P
1
B
F5
Amplifier Antenna Assembly
Antenna
(Shielded)
B
W
R
G
5 D
4 D
3 D
2 D
R+
R–
L+
L–
F2(A), F3(B), F18(D), F37(C)
Stereo Component Amplifier Assembly
WFR+
WFR–
RL+
RL–
RR+
RR–
CTR+
CTR–
1 C
5 C
3 C
9 C
4 C
10 C
3 B
9 B
LG
L
B
Y
R
W
10 FE1
11 FE1
9 FE1
8 FE1
14 FL1
15 FL1
43 EK2
44 EK2
1 IE3
2 IE3
2 JK1
1 JK1
2 JL1
1 JL1
I1
Front No. 1 Speaker Assembly RH
J17
Rear Speaker Set LH
J15
Rear Speaker Set RH
F6
Front No. 4 Speaker Assembly

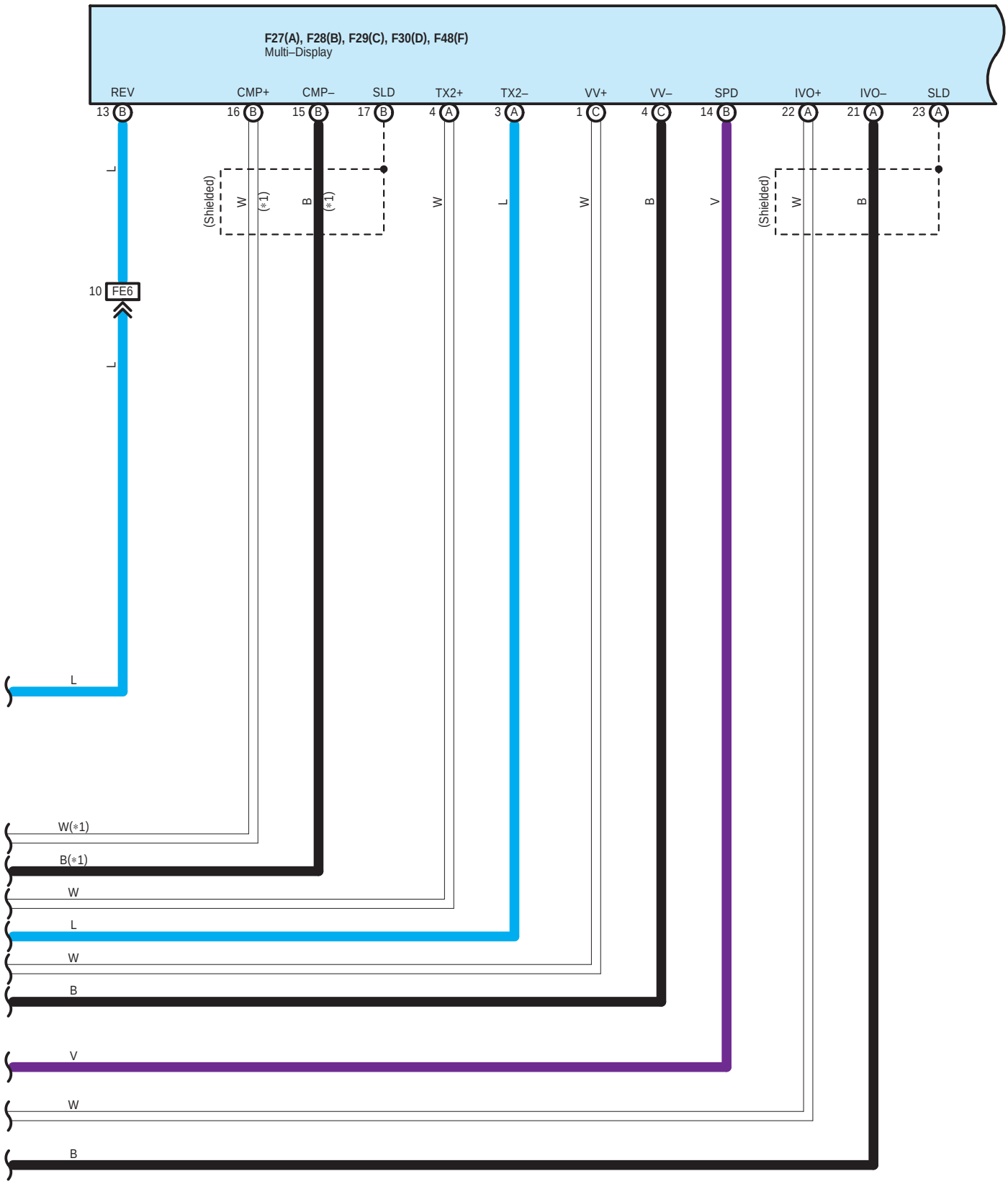

F1(A), F19(B), F23(C), F25(D)
Radio Receiver Assembly
SW1
SWG
SW2
7 C
7 B
6 C
6 B
8 C (*4)
8 B (*5)
L
W
P
4 FE4
14 FE4
5 FE4
E12(A), z36(C)
Spiral Cable
Sub–Assembly
6 A
4 A
5 A
AU1
EAU
AU2
10 C
8 C
9 C
BR
B
GR
F2(A), F3(B), F18(D), F37(C)
Stereo Component Amplifier Assembly
GND
GND2
II1–
II1+
SPD
2 A
6 A
14 D
15 D
11 D
W–B
W–B
B
W
V
Seek+
MODE
Seek–
Volume+
Volume–
Steering Switch LH
Voice
Off Hook
On Hook
Steering Switch RH
(*6)
(*6)
z36(C)
Steering Pad Switch
V
W
B
F1

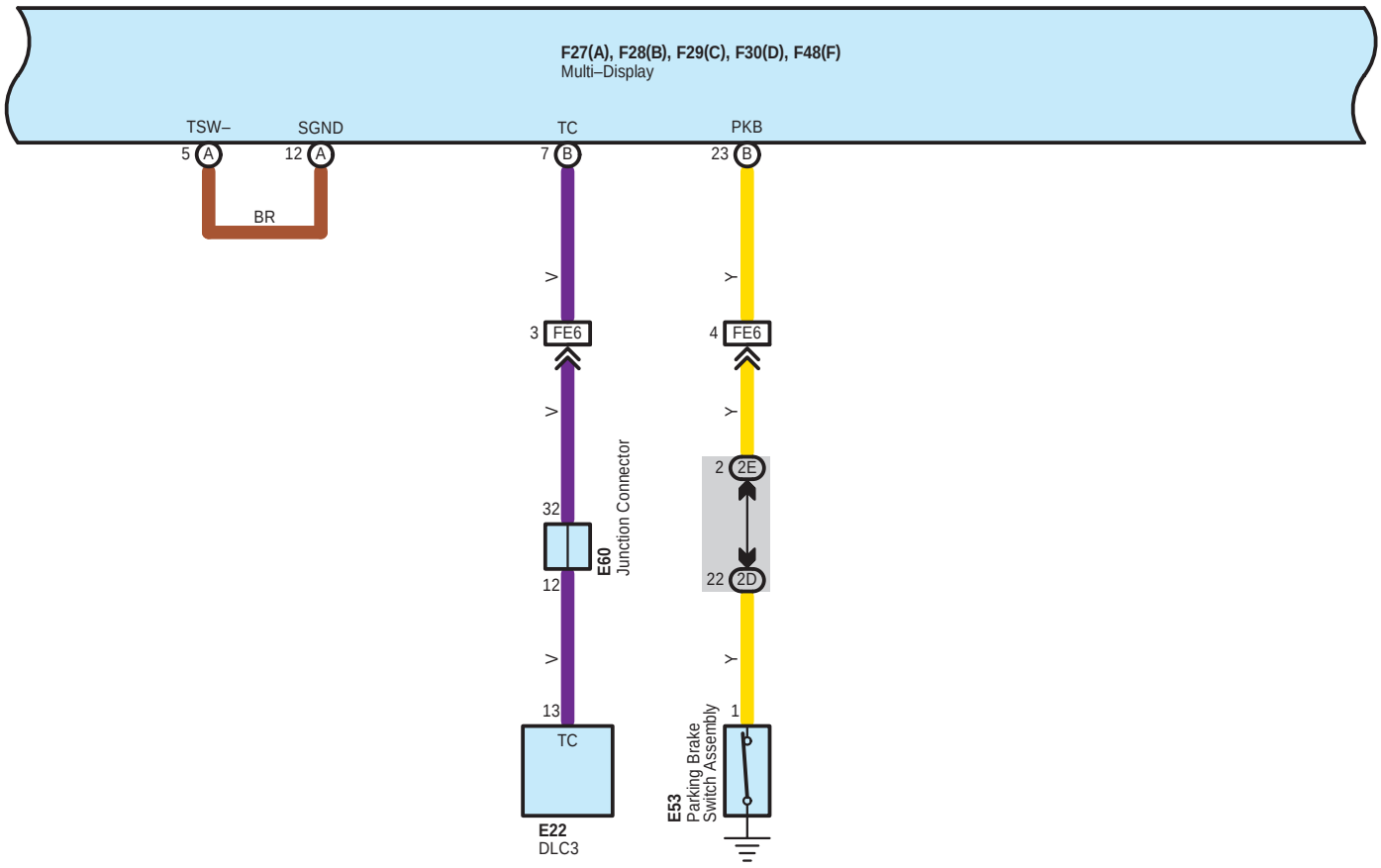
* 4 : w/ Multi–Display
* 5 : w/o Multi–Display
* 6 : w/ Bluetooth Hands–Free System



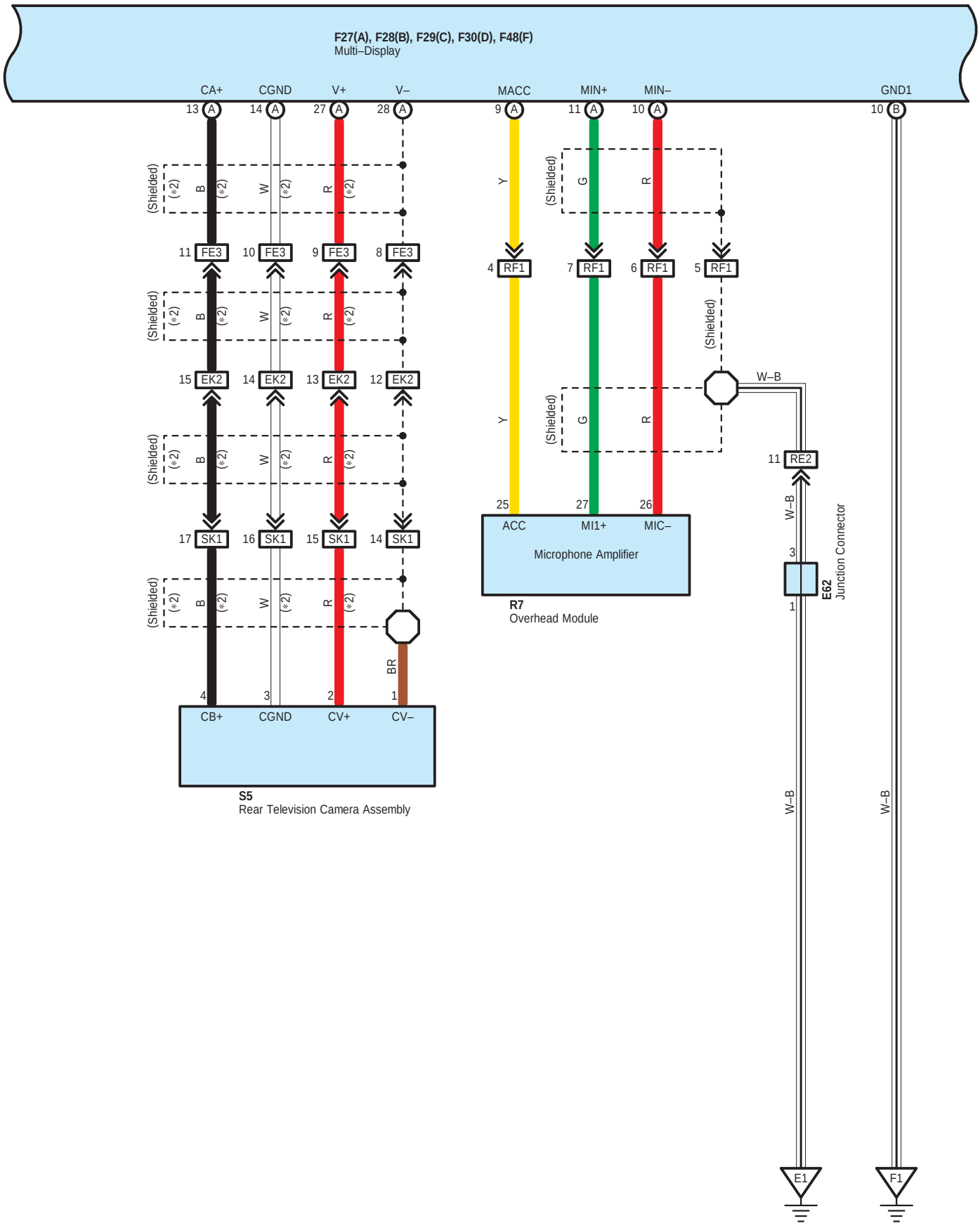

F1(A), F19(B), F23(C), F25(D)
Radio Receiver Assembly
ADIM
GND
SLD
GND
NTSC
TX–
TX+
CMP–
CMP+
20 B
20 A
3 D
2 D
1 D
10 C
9 C
5 C
4 C
(IG)
10A
BK/UP LP
23 2B
G–B
25 CA3
G
2
RB
RL
R
C24
Park/Neutral Position Switch
1
L–R
30 CA3
L
42 EA1
L
L
8
3
F22
Junction
Connector
L
(*5)
5 FE5
B
(*5)
16 B
ACAN
E2(B)
Main Body ECU
BR
(Shielded)
B
W
L
W
B
(*1)
W
(*1)
W(*1)
B(*1)
W
L
W
B
BR
V
V
W
W
B
B
F1

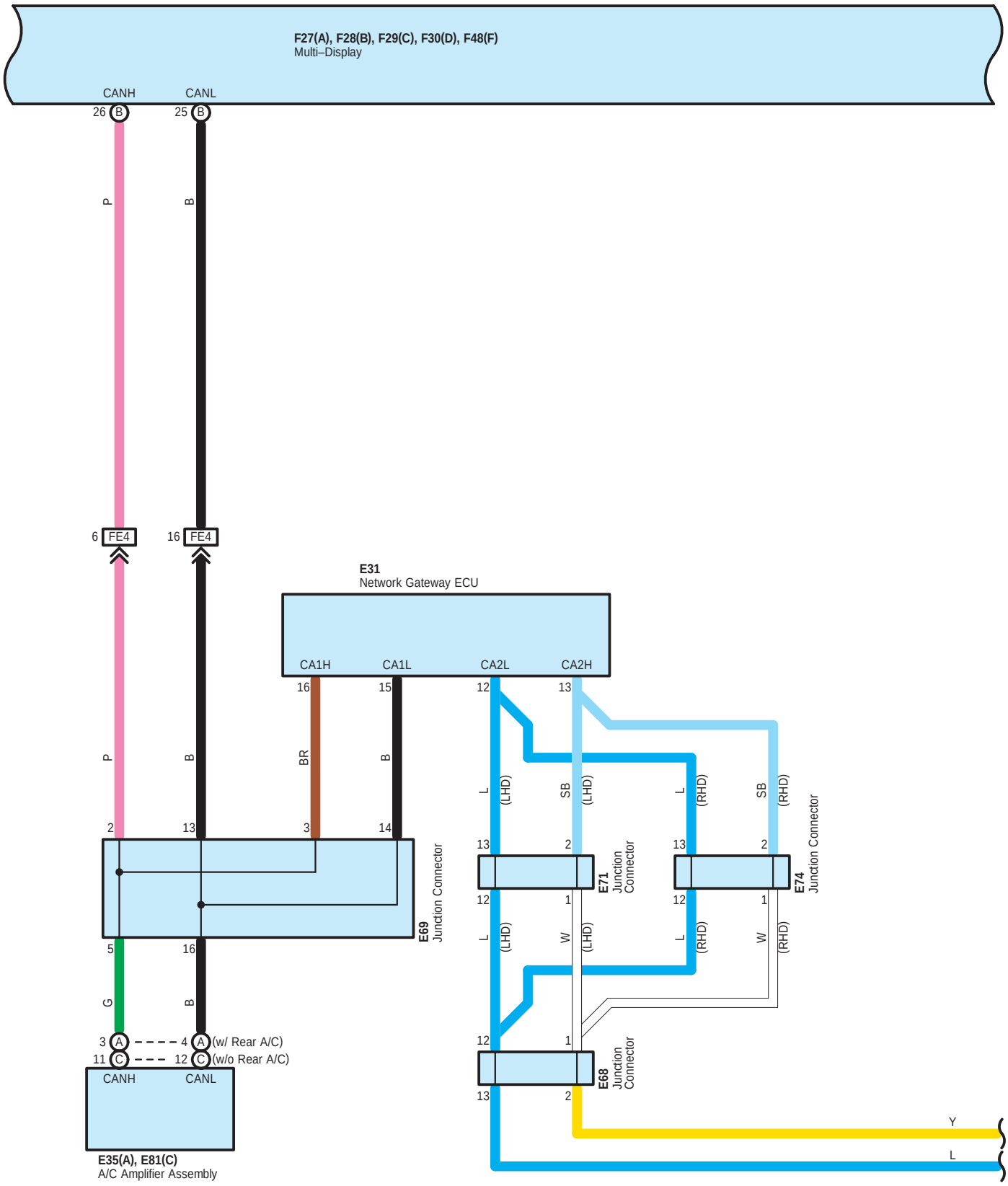
∗ 1 : w/ Back Guide Monitor
∗ 5 : w/o Multi–Display

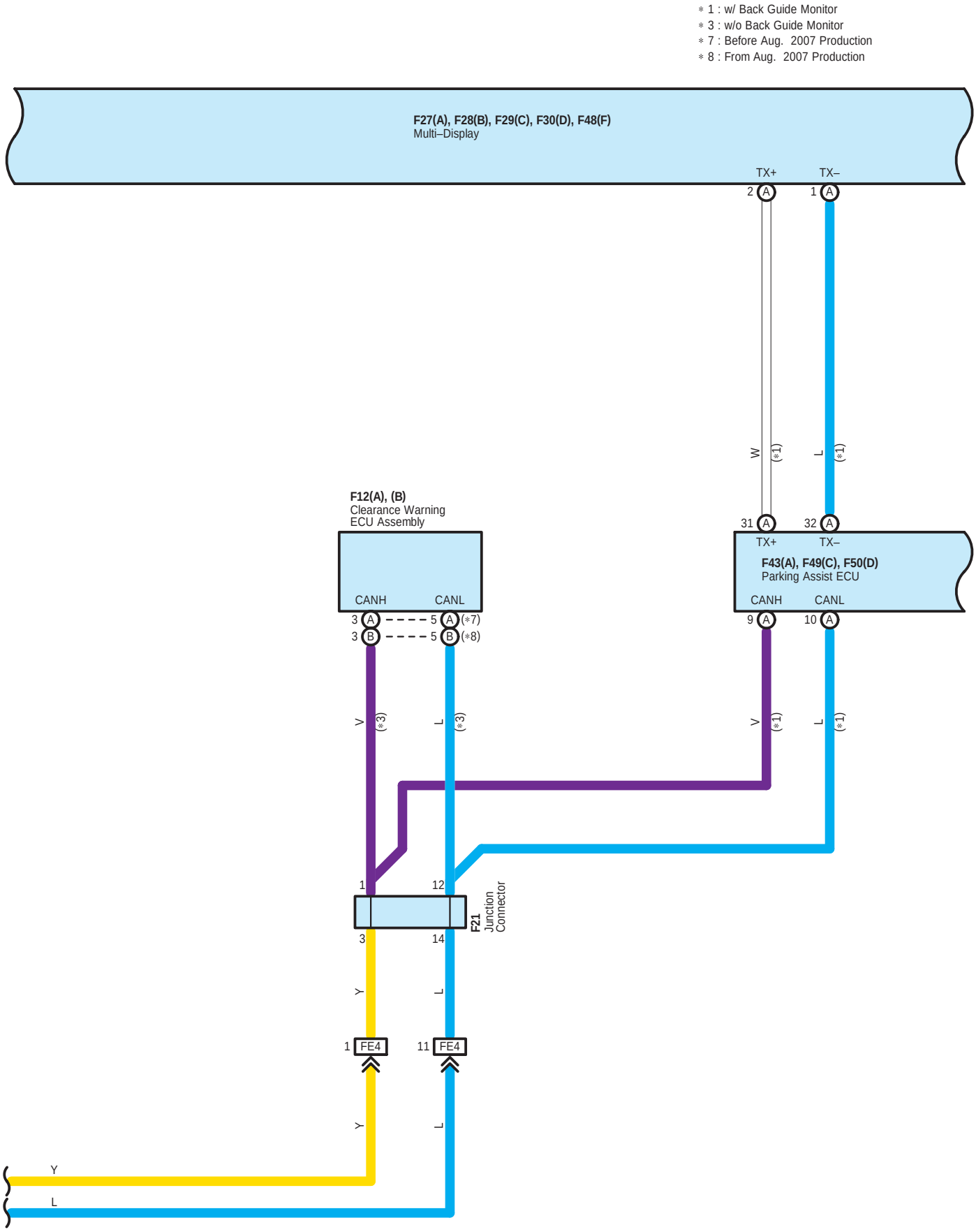


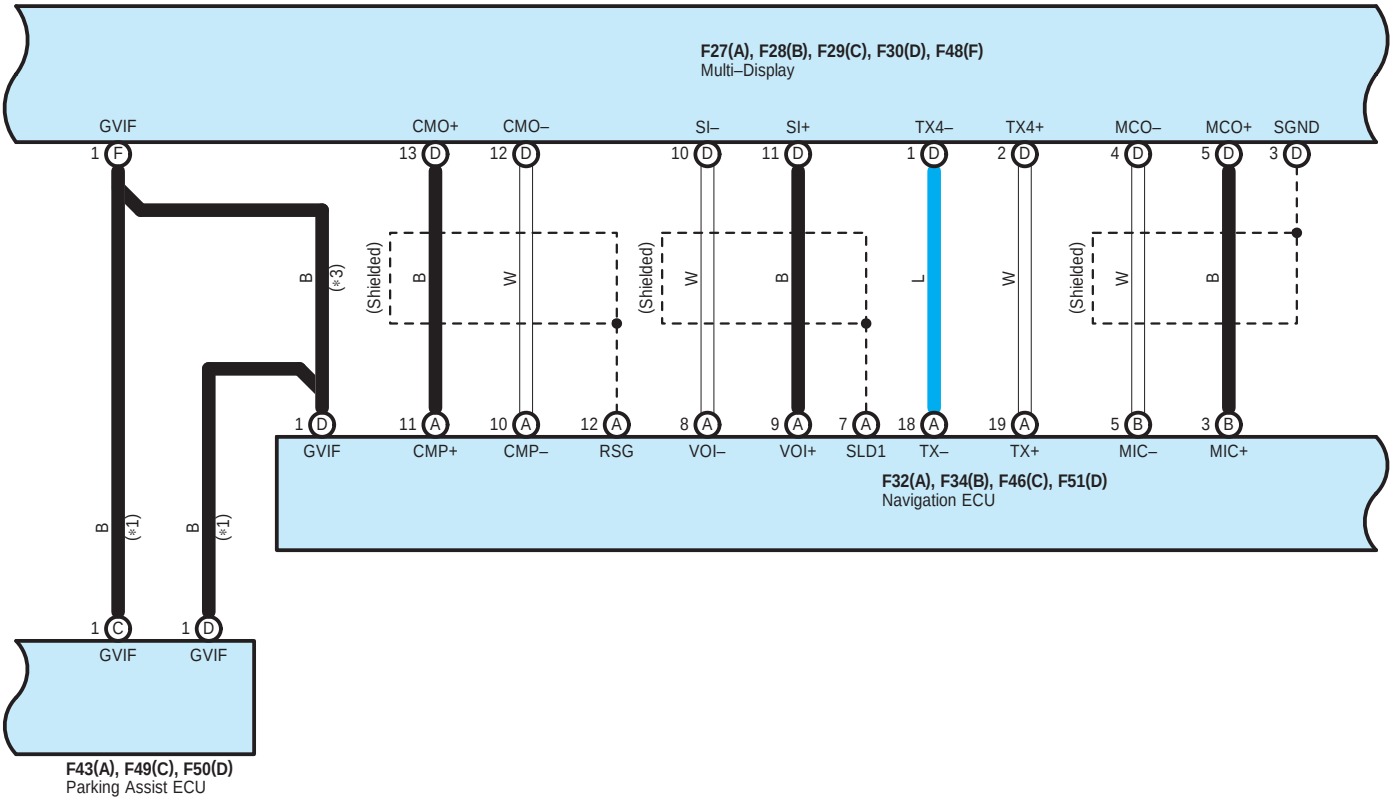

F27(A), F28(B), F29(C), F30(D), F48(F)
Multi–Display
TSW–
SGND
TC
PKB
5 A
12 A
7 B
23 B
BR
3 FE6
4 FE6
2 2E
22 2D
32
12
E60
Junction Connector
13
TC
E22
DLC3
1
E53
Parking Brake
Switch Assembly

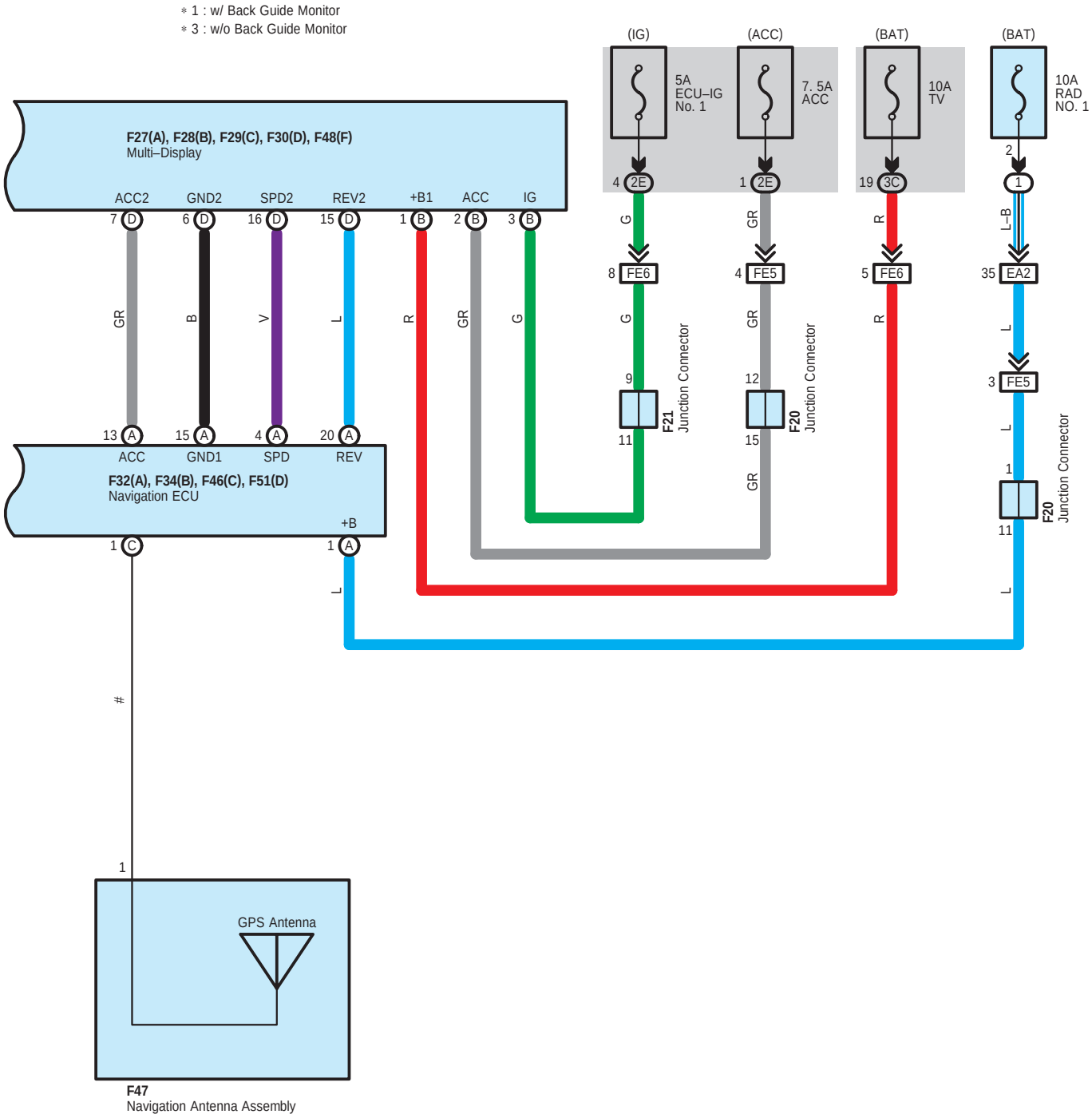
∗ 2 : w/ Rear View Monitor




F27(A), F28(B), F29(C), F30(D), F48(F)
Multi–Display
CANH
CANL
26 B
25 B
P
B
6 FE4
16 FE4
E31
Network Gateway ECU
CA1H
CA1L
CA2L
CA2H
16
15
12
13
BR
B
L (LHD)
SB (LHD)
L (RHD)
SB (RHD)
2
13
3
14
13
2
13
2
E69 Junction Connector
E71 Junction Connector
E74 Junction Connector
12
1
12
1
L (LHD)
W (LHD)
L (RHD)
W (RHD)
5
16
G
B
3 A
4 A (w/ Rear A/C)
11 C
12 C (w/o Rear A/C)
CANH
CANL
E68 Junction Connector
12
1
13
2
Y
L
E35(A), E81(C)
A/C Amplifier Assembly

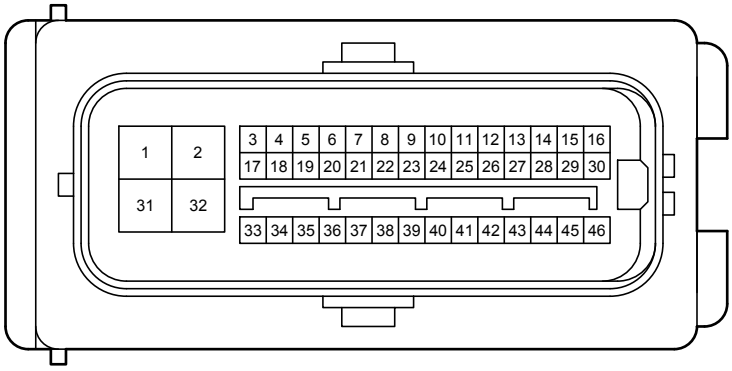

∗1 : w/ Back Guide Monitor
∗3 : w/o Back Guide Monitor
∗7 : Before Aug. 2007 Production
∗8 : From Aug. 2007 Production
F27(A), F28(B), F29(C), F30(D), F48(F)
Multi–Display
TX+
TX–
2 A
1 A
W
(∗1)
L
(∗1)
F12(A), (B)
Clearance Warning
ECU Assembly
31 A
32 A
TX+
TX–
F43(A), F49(C), F50(D)
Parking Assist ECU
CANH
CANL
CANH
CANL
3 A
5 A
(∗7)
3 B
5 B
(∗8)
9 A
10 A
V
(∗3)
L
(∗3)
V
(∗1)
L
(∗1)
1
12
F21
Junction
Connector
3
14
Y
L
1 FE4
11 FE4
Y
L
Y
L


F27(A), F28(B), F29(C), F30(D), F48(F)
Multi–Display
GVIF
CMO+
CMO–
SI–
SI+
TX4–
TX4+
MCO–
MCO+
SGND
1 F
13 D
12 D
10 D
11 D
1 D
2 D
4 D
5 D
3 D
B
(*3)
(Shielded)
B
W
W
B
L
W
W
B
1 D
11 A
10 A
12 A
8 A
9 A
7 A
18 A
19 A
5 B
3 B
GVIF
CMP+
CMP–
RSG
VOI–
VOI+
SLD1
TX–
TX+
MIC–
MIC+
F32(A), F34(B), F46(C), F51(D)
Navigation ECU
B
(*1)
B
(*1)
1 C
1 D
GVIF
GVIF
F43(A), F49(C), F50(D)
Parking Assist ECU

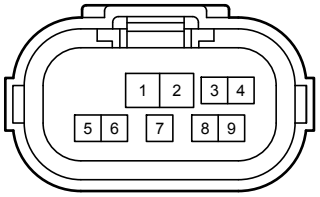


: There is no wire color information.

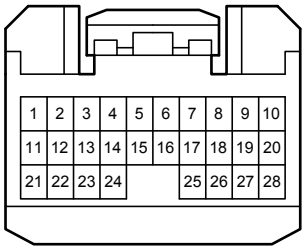
A 24
Black



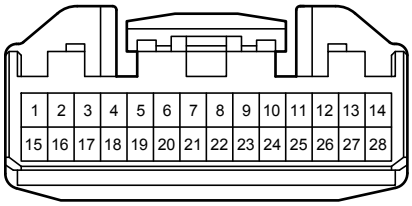
C 24
Gray



E 2
White



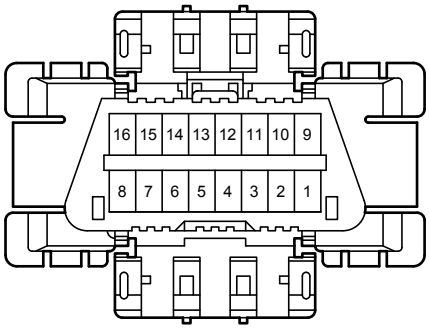
E 7
White



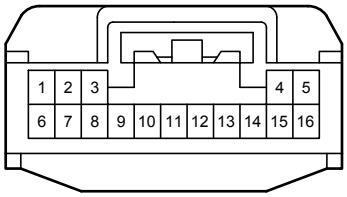
E 12
Black



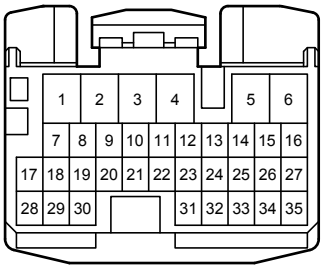
E 22
White



E 31
White



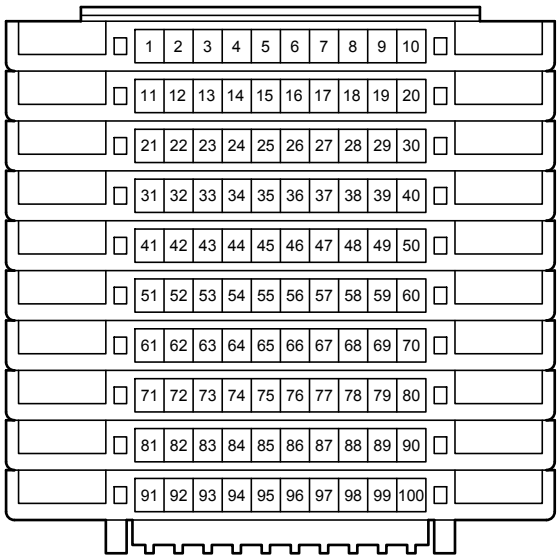
E 35
White



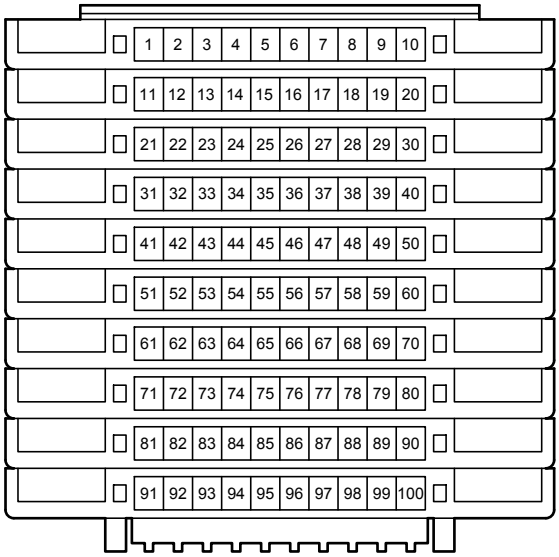
E 53
White



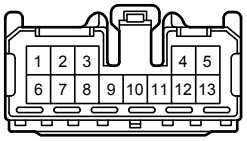
E 58



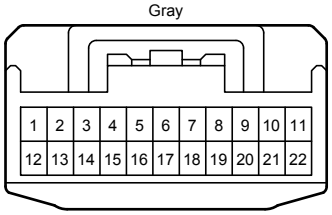
E 60



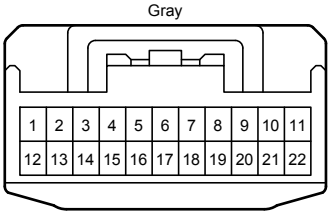
E 62
White



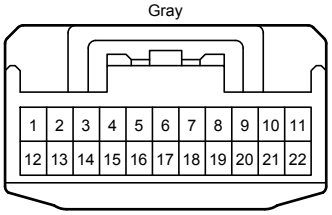
E 68
Gray



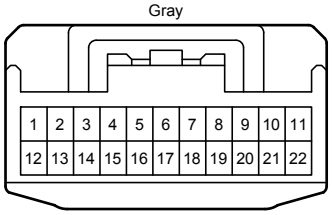
E 69
Gray



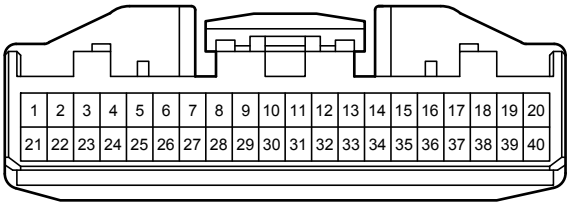
E 71
Gray



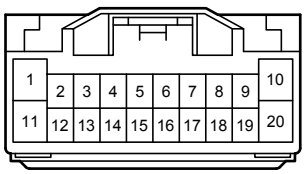
E 74
Gray



E 81
White



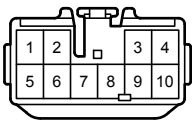
F 1
White



F 2
White



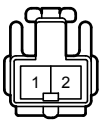
F 3
White



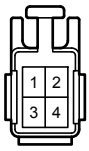
F 5
White



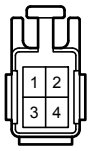
F 6
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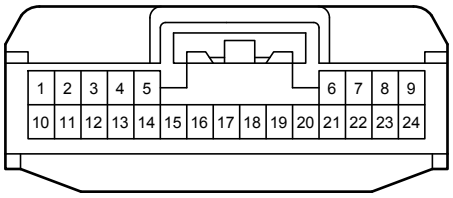
F 7
White



F 8
White

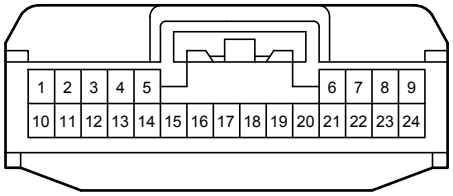


F 12
White



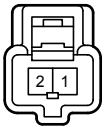
(Before Aug. 2007 Production)

F 12
Gray

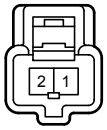


(From Aug. 2007 Production)

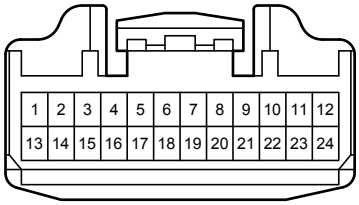
F 13
White



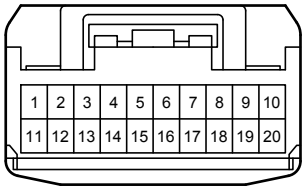
F 14
White



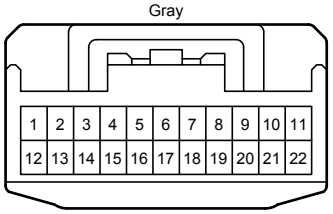
F 18
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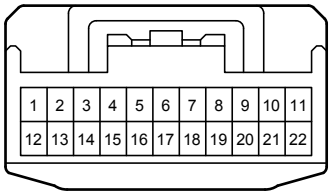
F 19
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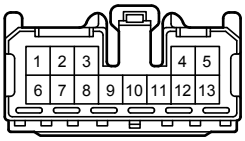
F 20
Gray



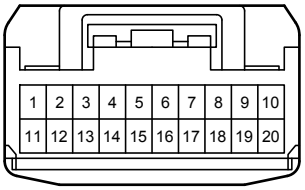
F 21
Black



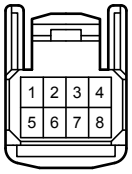
F 22
White



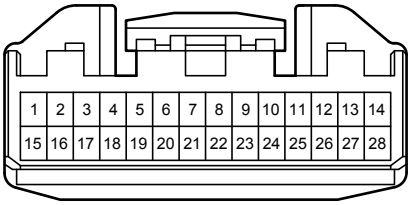
F 23
White



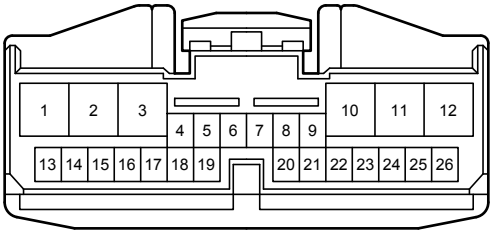
F 25
White



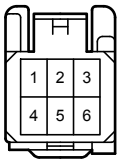
F 27
White



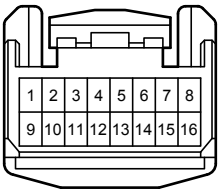
F 28
White



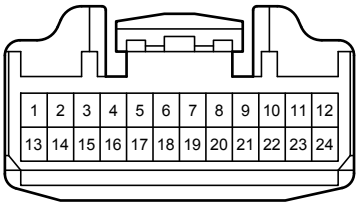
F 29
Blue



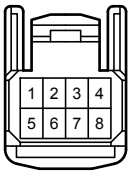
F 30
White



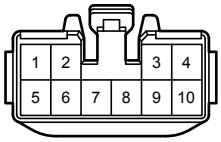
F 32
White



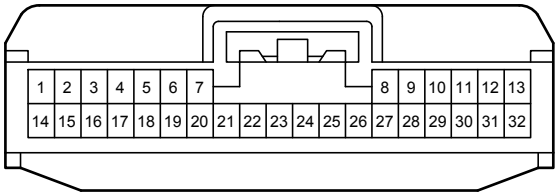
F 34
White



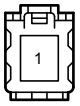
F 37
White



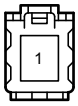
F 43
White



F 46
Gray



F 47
Gray



F 48
Blue



F 49
White



F 50
Blue



F 51
White



I 1
White



I 10
White



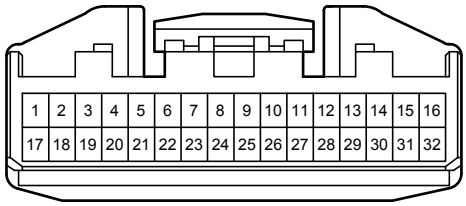
J 15
White



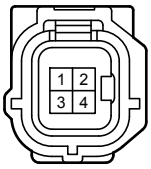
J 17
White



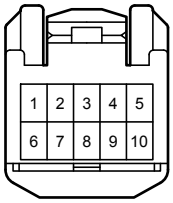
R 7
White



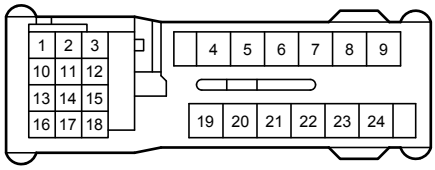
S 5
Black



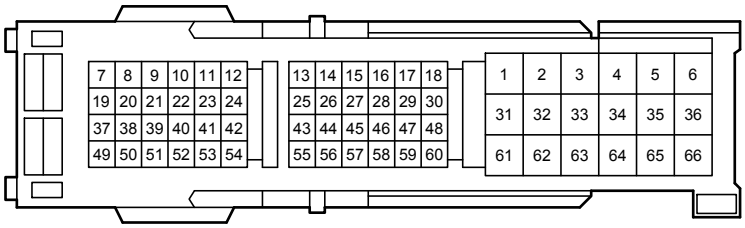
z 36
White



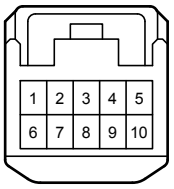
2B
White



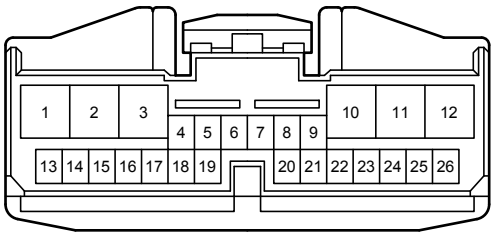
2D
White



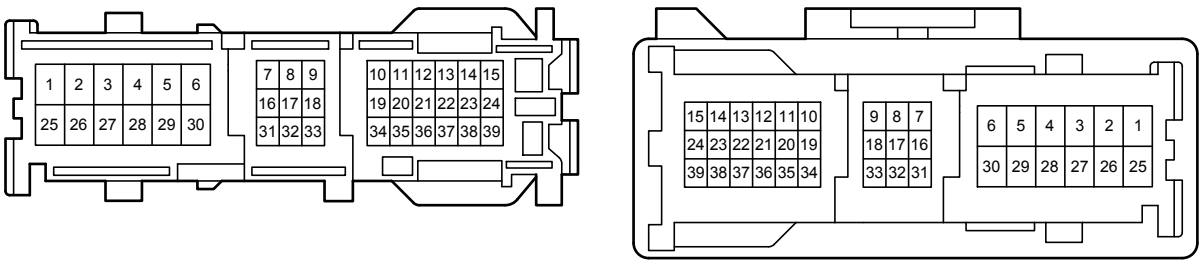
2E
White



3C
White

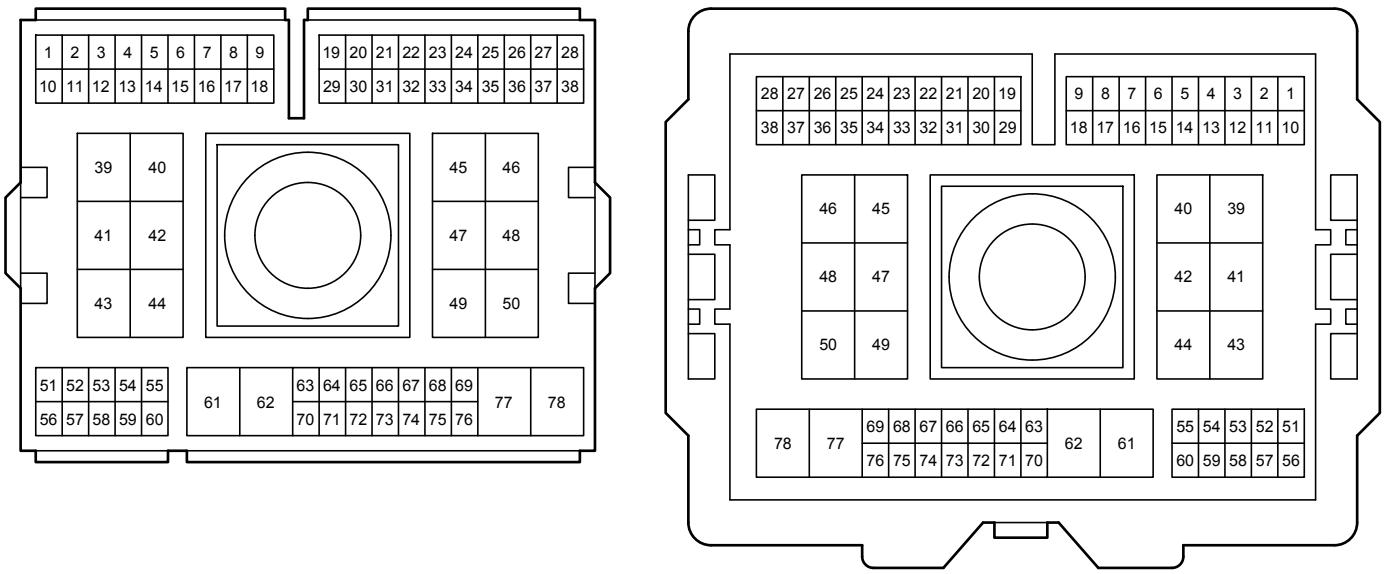


CA3
White



EA1

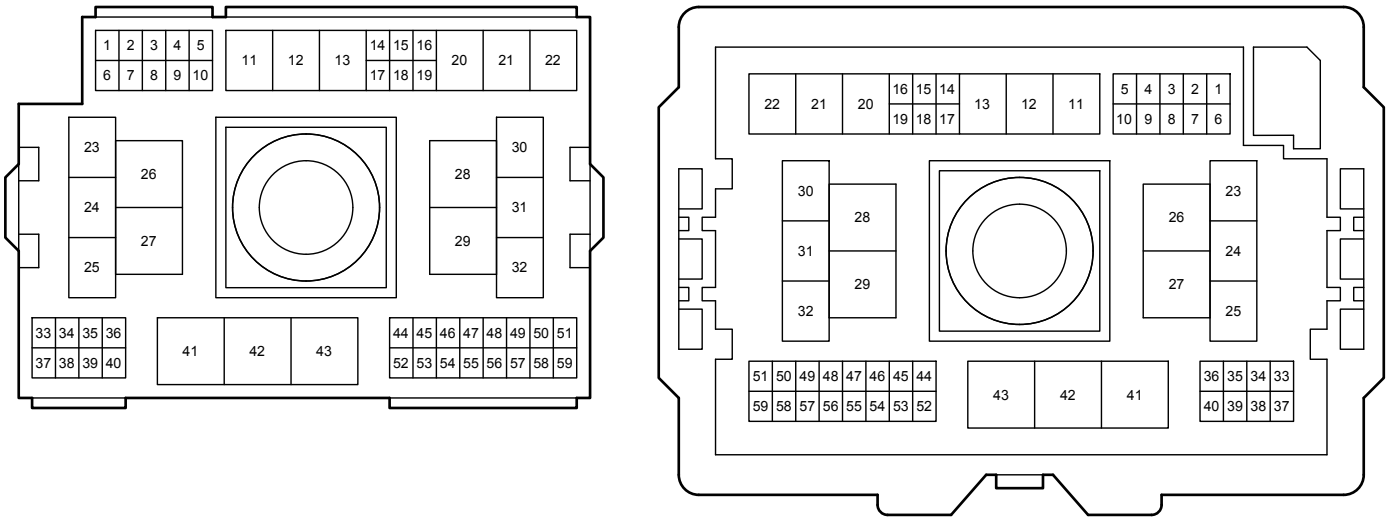
White



EA2

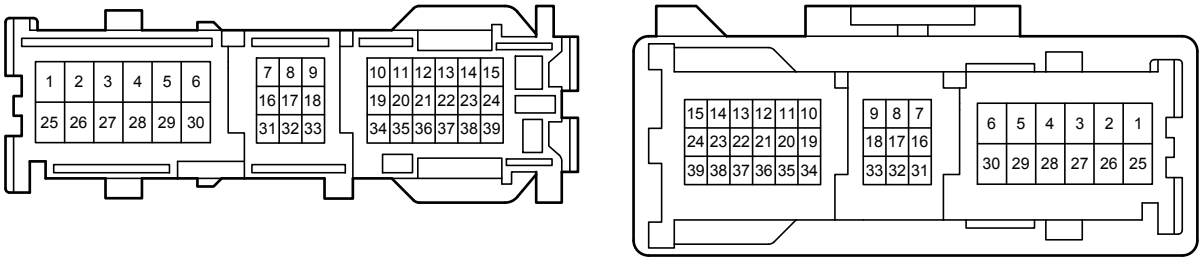
White

Gray

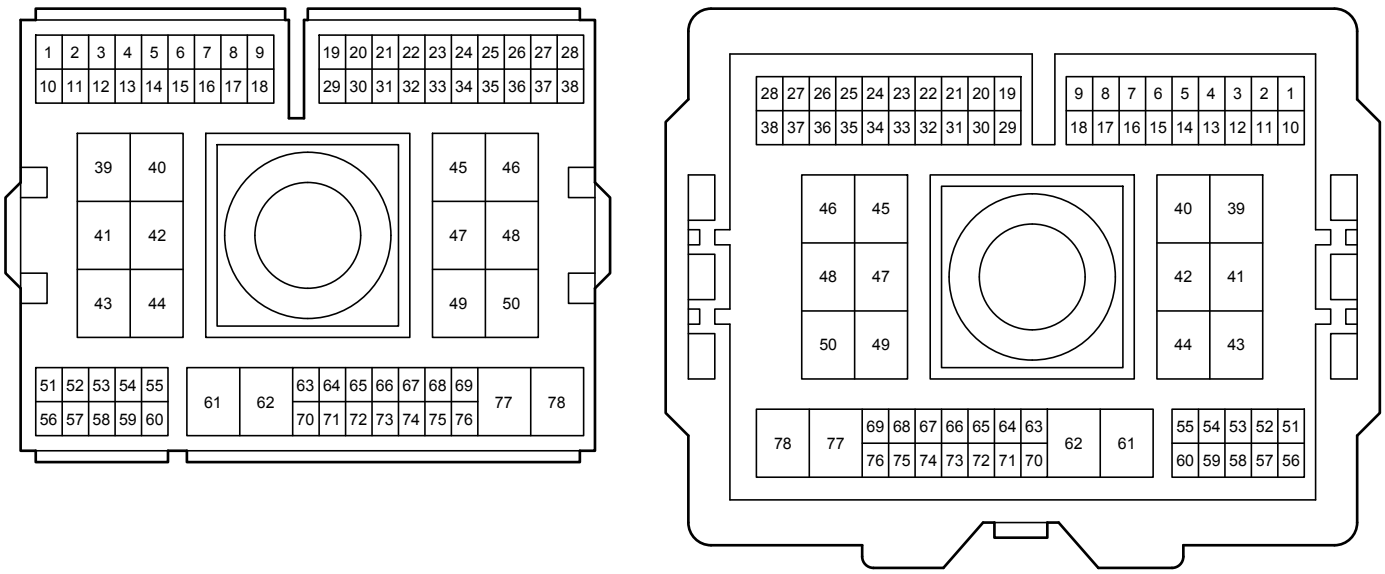


EA4

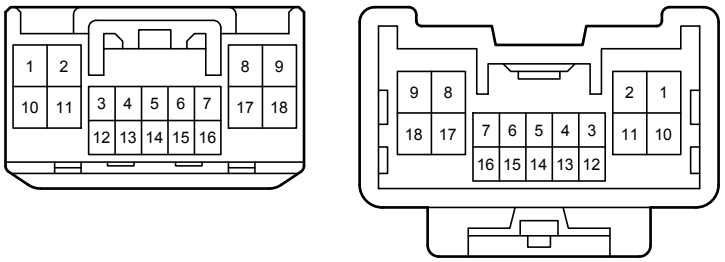
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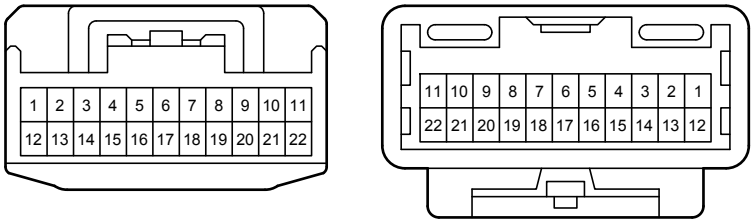
EK2
White



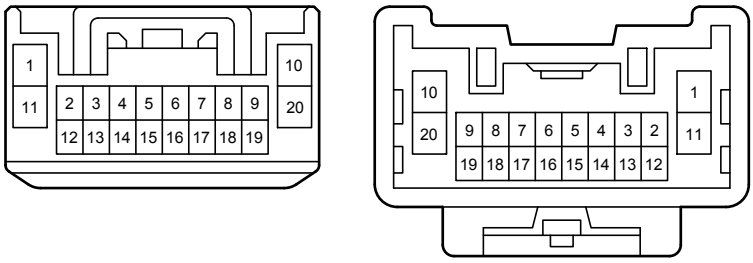
FE1
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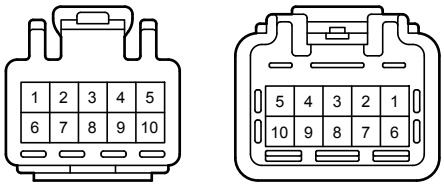
FE3
White



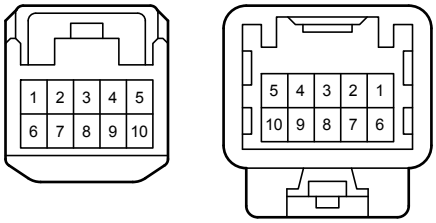
FE4
White



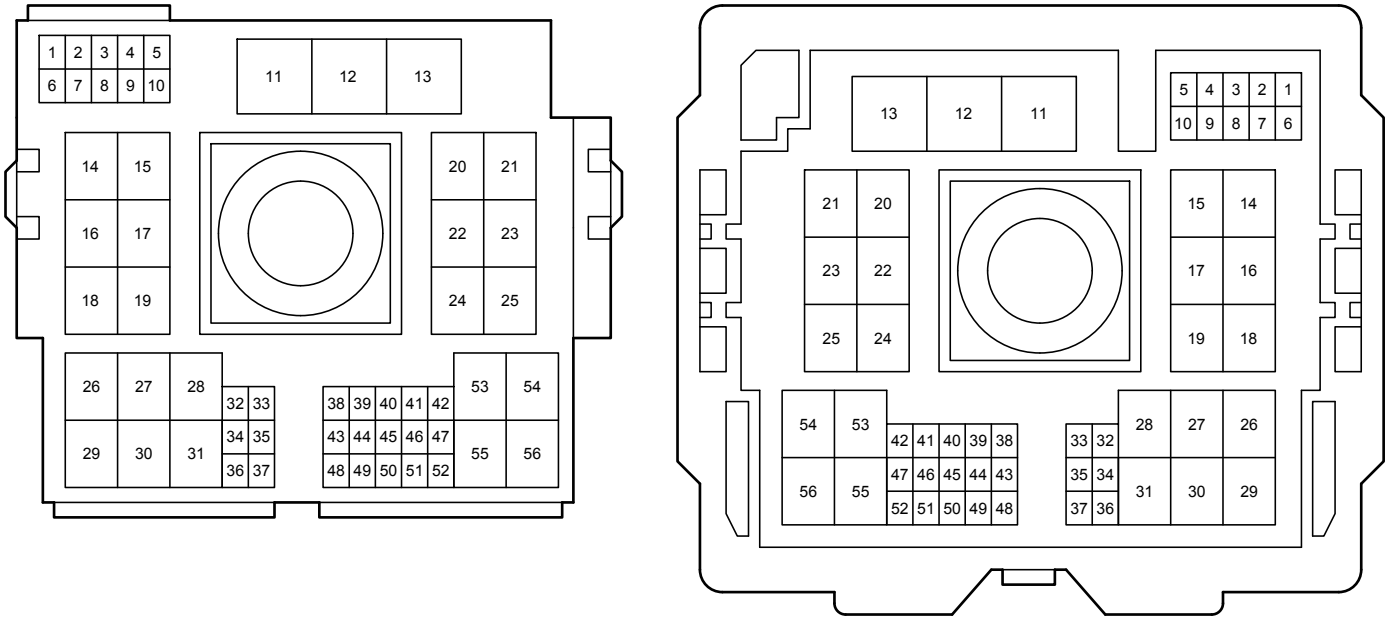
FE5
White



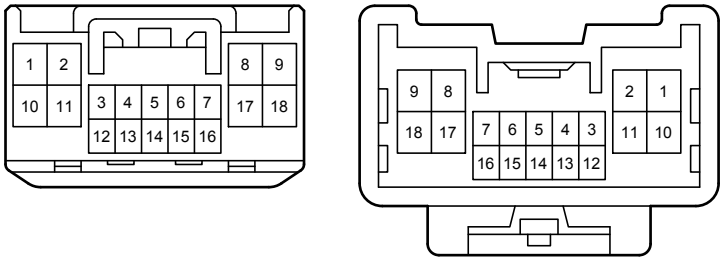
FE6
White



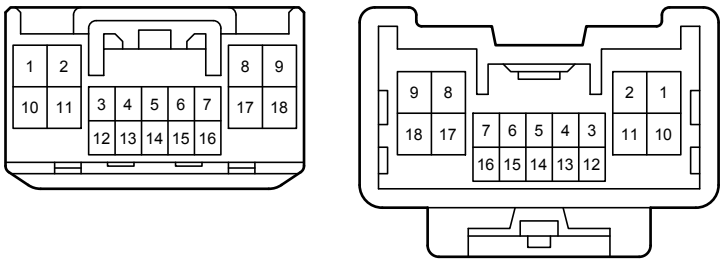
FL1
White
Blue



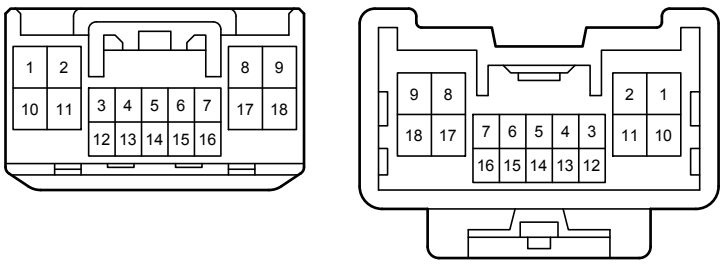
IE3
White



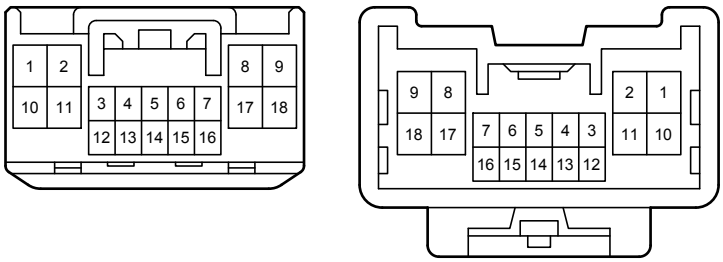
IE6
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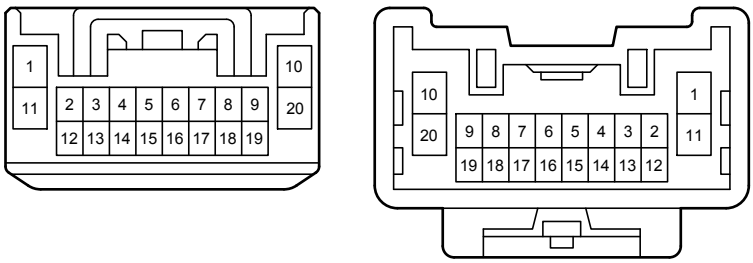
JK1
White



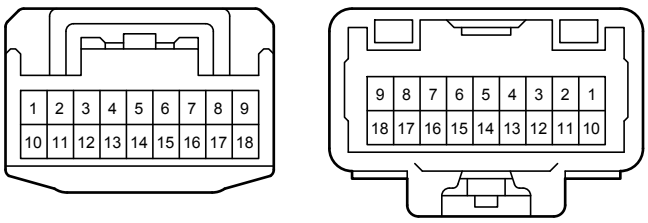
JL1
White

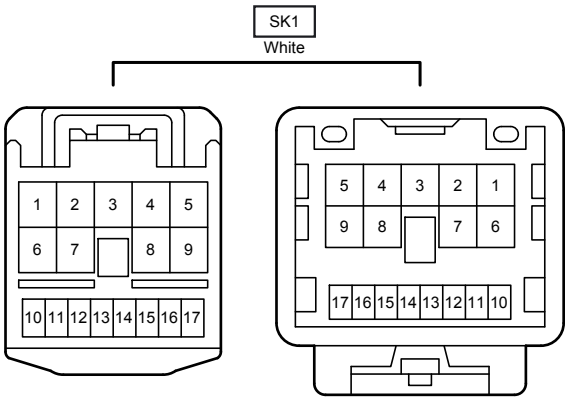


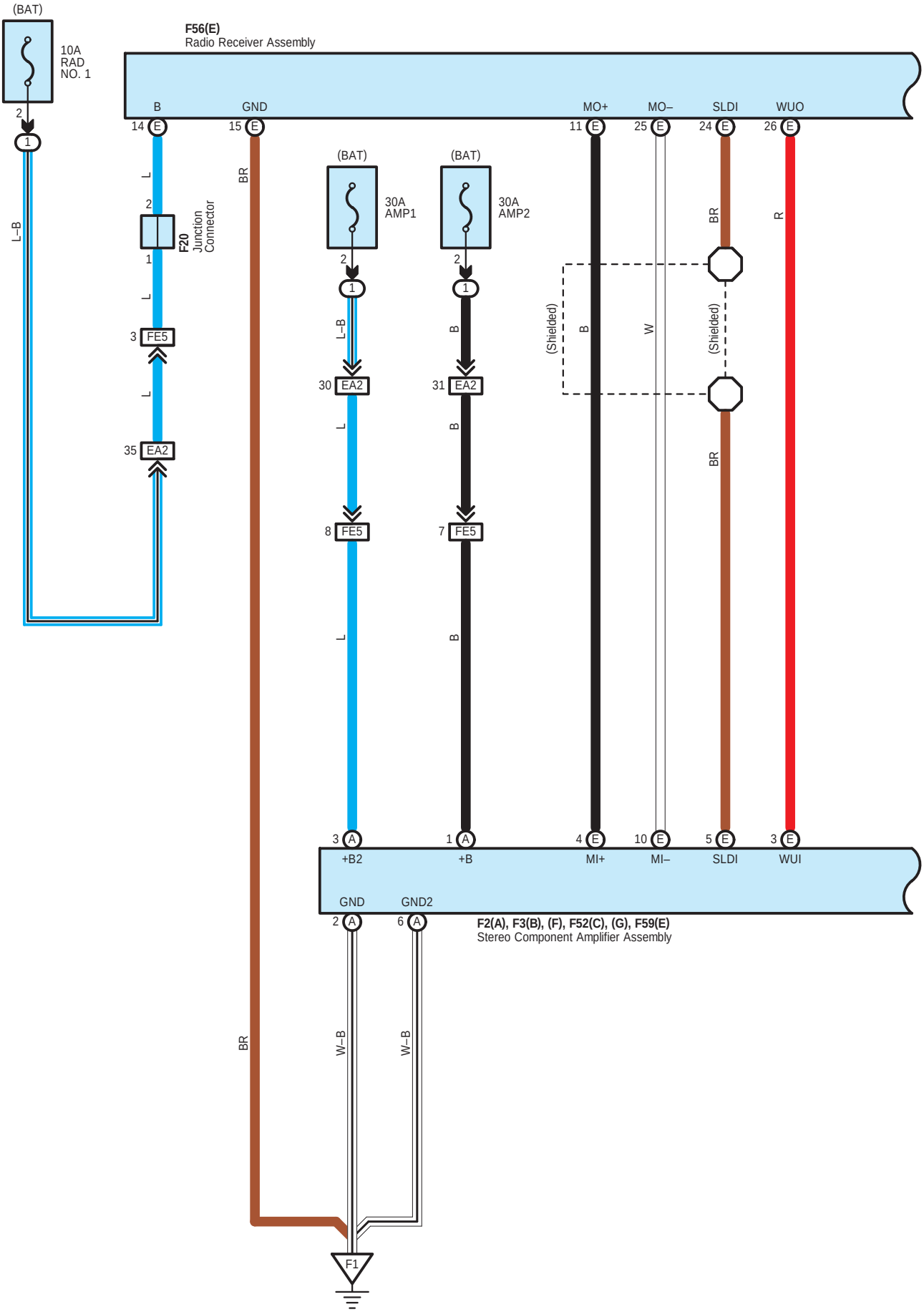
RE2
Blue

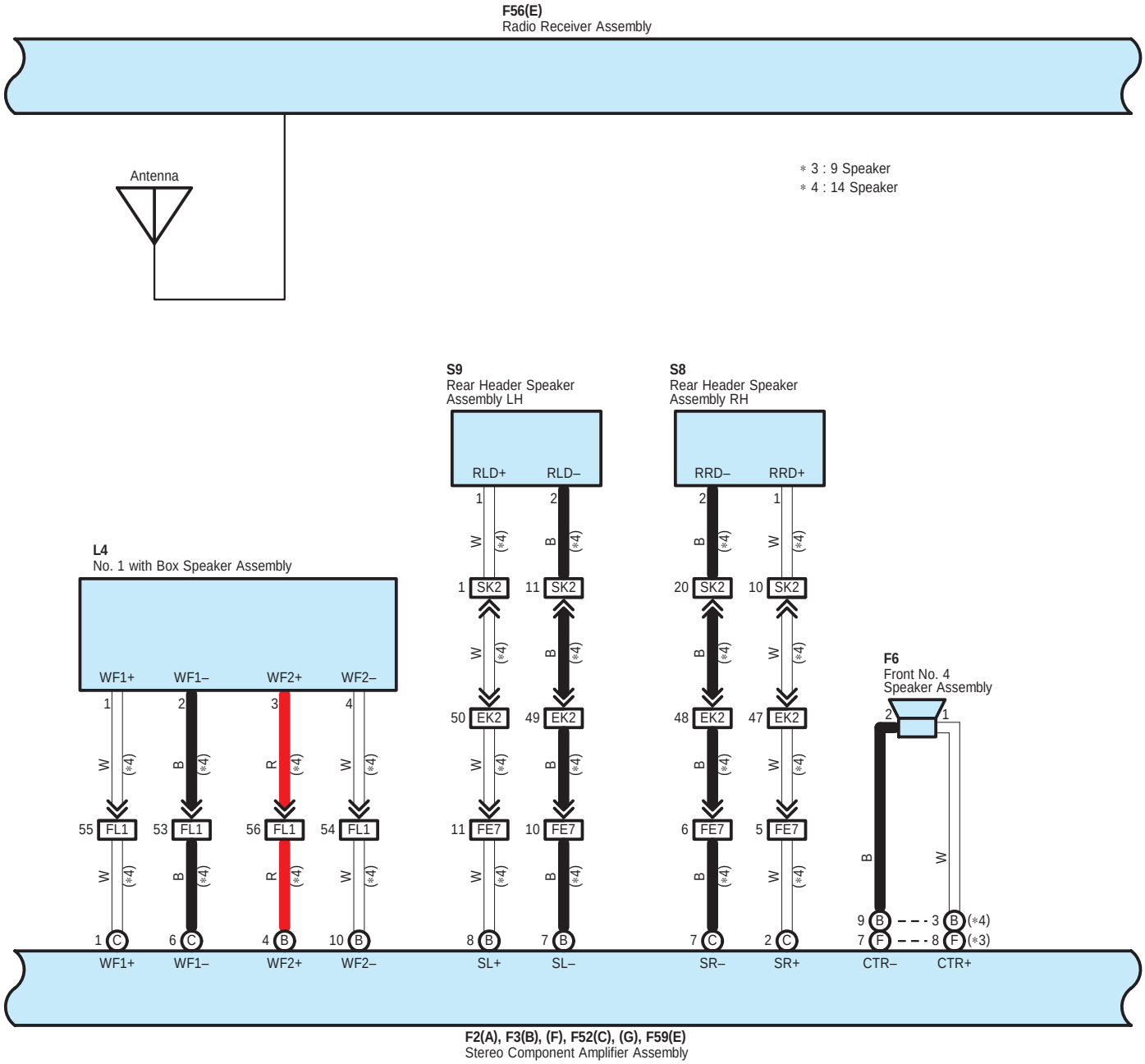


RF1
Gray



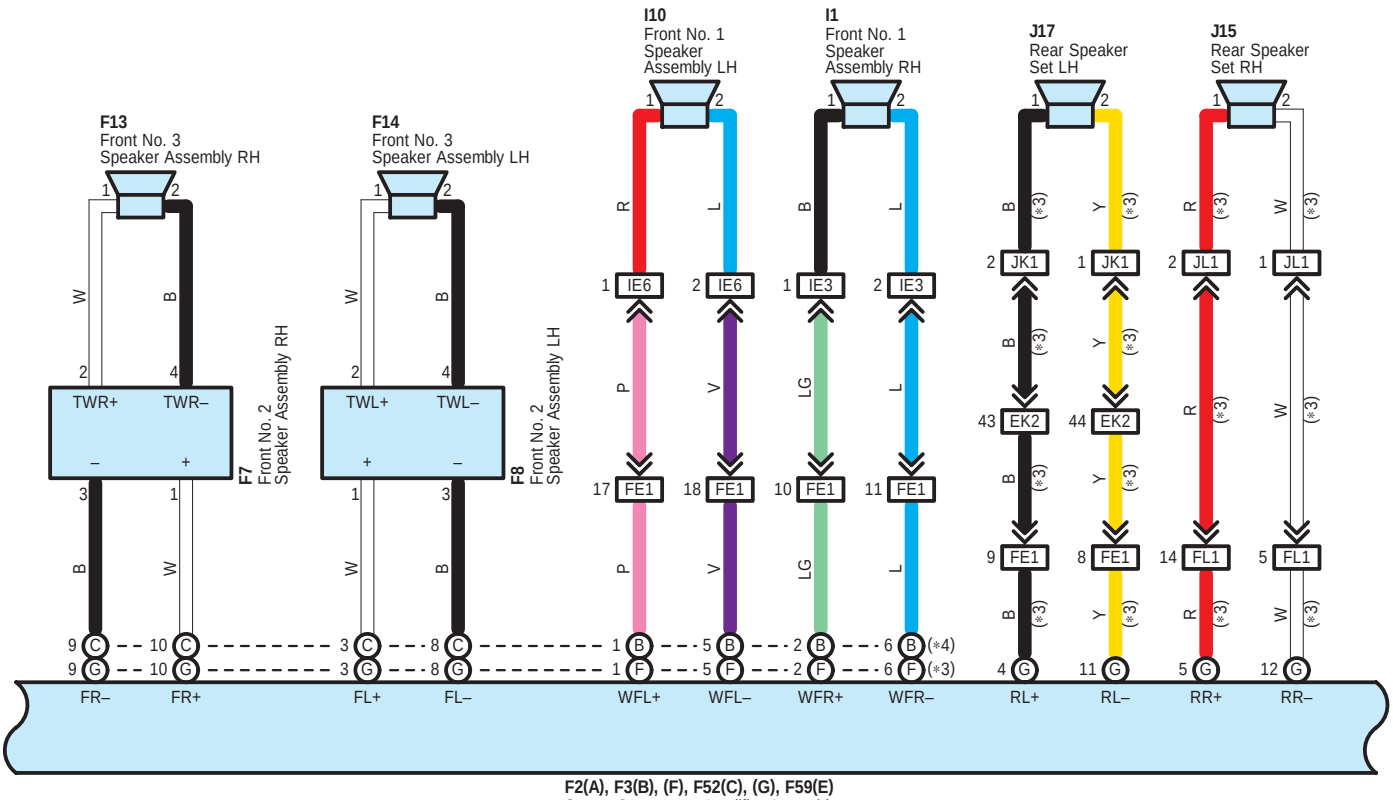

SK1
White
1 2 3 4 5
6 7 8 9
10 11 12 13 14 15 16 17
5 4 3 2 1
9 8 7 6
17 16 15 14 13 12 11 10


(BAT)
10A
RAD
NO. 1
F56(E)
Radio Receiver Assembly
B
GND
MO+
MO–
SLDI
WUO
14 E
15 E
11 E
25 E
24 E
26 E
L–B
L
BR
(BAT)
30A
AMP1
(BAT)
30A
AMP2
F20
Junction
Connector
(Shielded)
B
W
(Shielded)
BR
R
3 FE5
35 EA2
30 EA2
31 EA2
8 FE5
7 FE5
3 A
+B2
1 A
+B
4 E
MI+
10 E
MI–
5 E
SLDI
3 E
WUI
GND
GND2
2 A
6 A
F2(A), F3(B), (F), F52(C), (G), F59(E)
Stereo Component Amplifier Assembly
W–B
F1

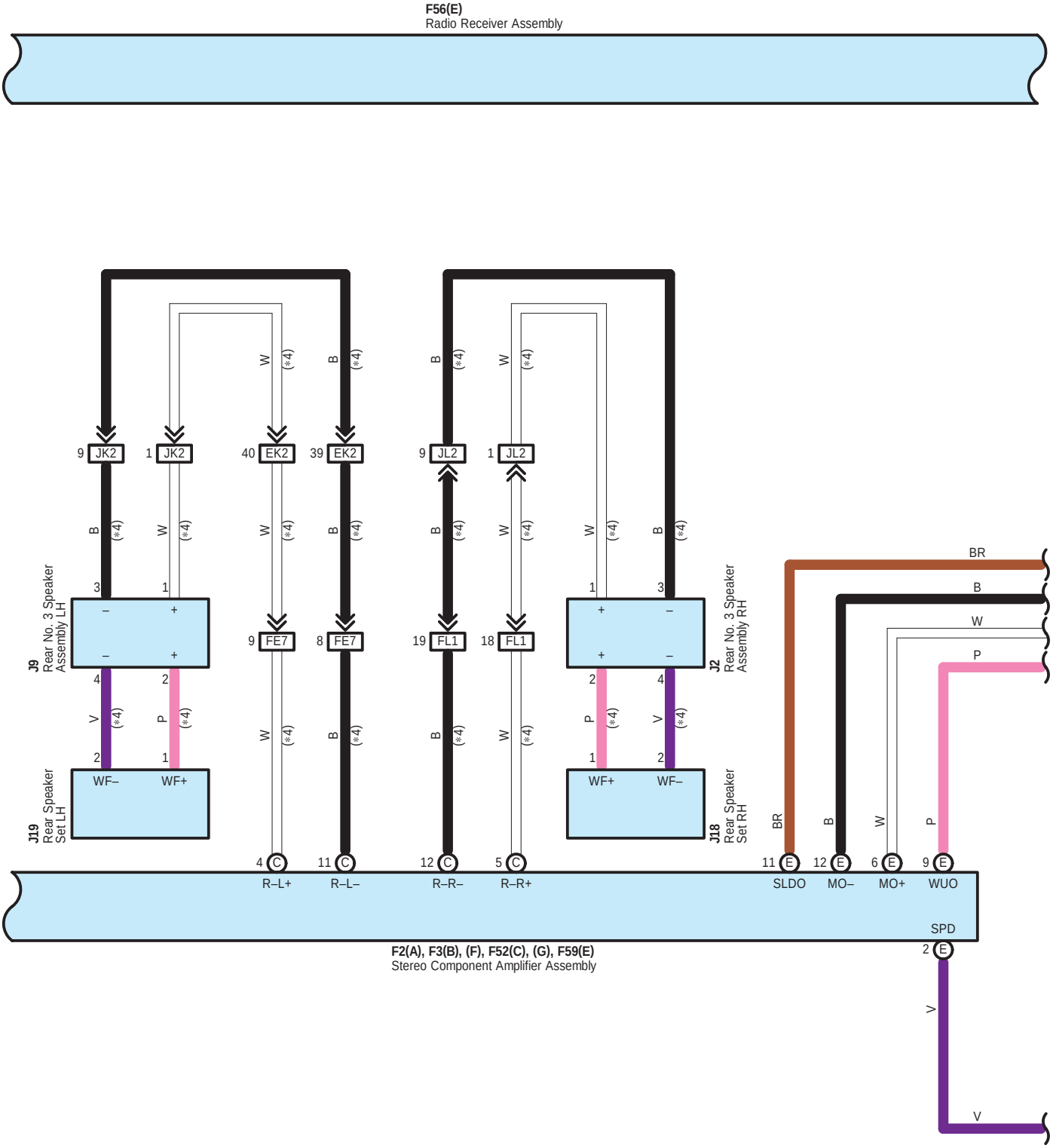

F56(E)
Radio Receiver Assembly
Antenna
∗ 3 : 9 Speaker
∗ 4 : 14 Speaker
S9
Rear Header Speaker Assembly LH
S8
Rear Header Speaker Assembly RH
L4
No. 1 with Box Speaker Assembly
F6
Front No. 4 Speaker Assembly
RLD+
RLD–
RRD–
RRD+
WF1+
WF1–
WF2+
WF2–
SK2
EK2
FE7
FL1
(∗4)
(∗3)
SL+
SL–
SR–
SR+
CTR–
CTR+
F2(A), F3(B), (F), F52(C), (G), F59(E)
Stereo Component Amplifier Assembly

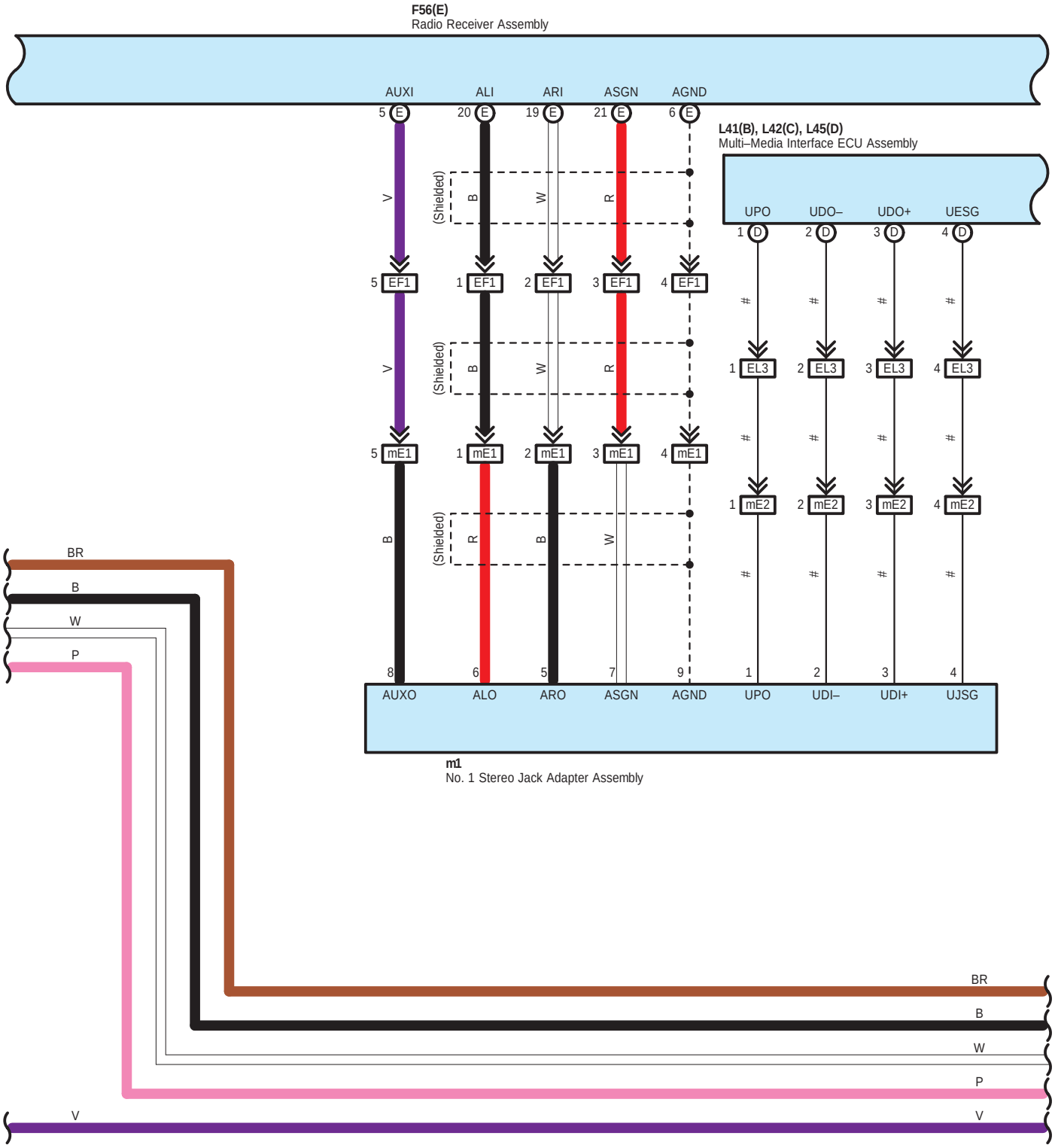
F56(E)
Radio Receiver Assembly

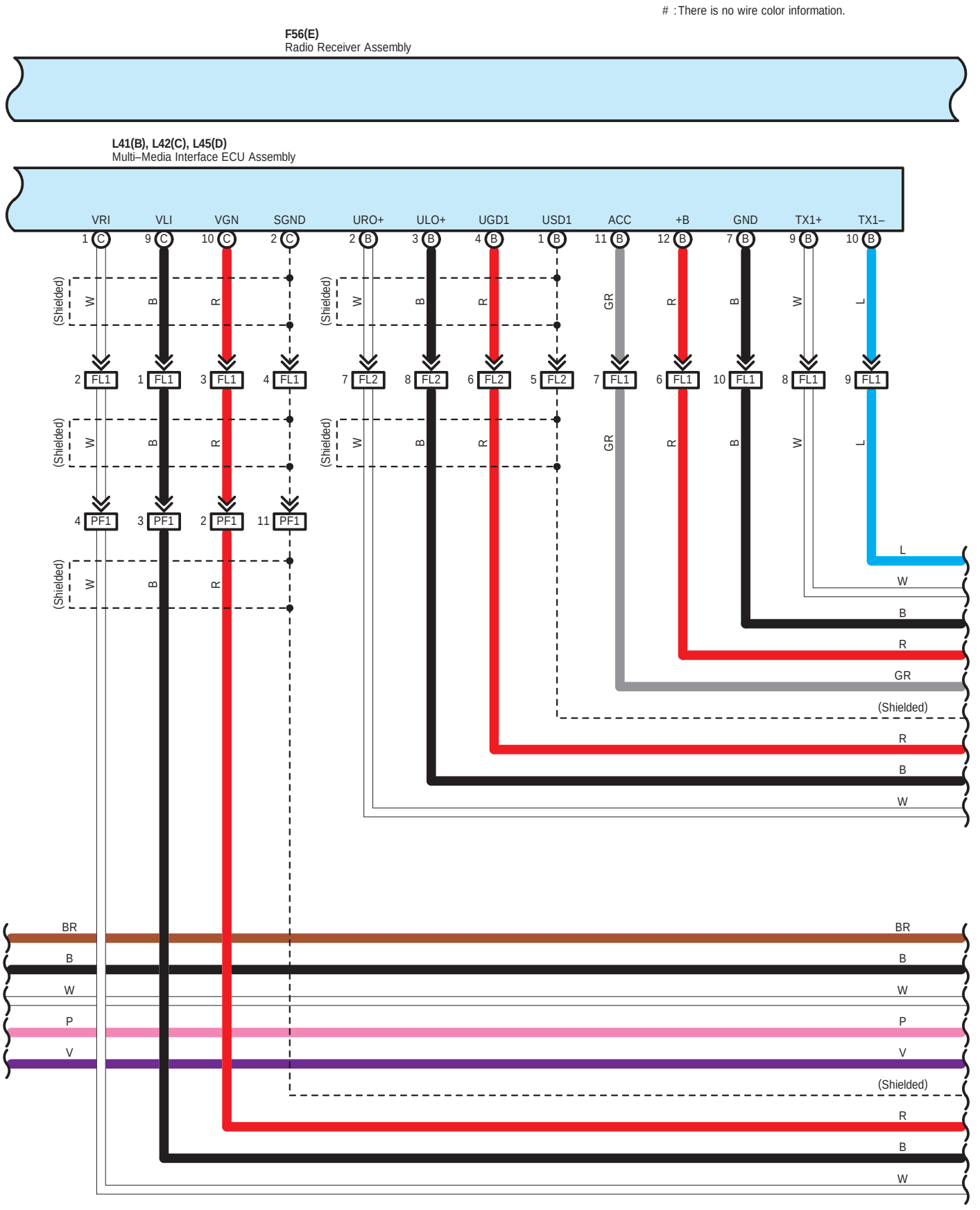
* 3 : 9 Speaker
* 4 : 14 Speaker

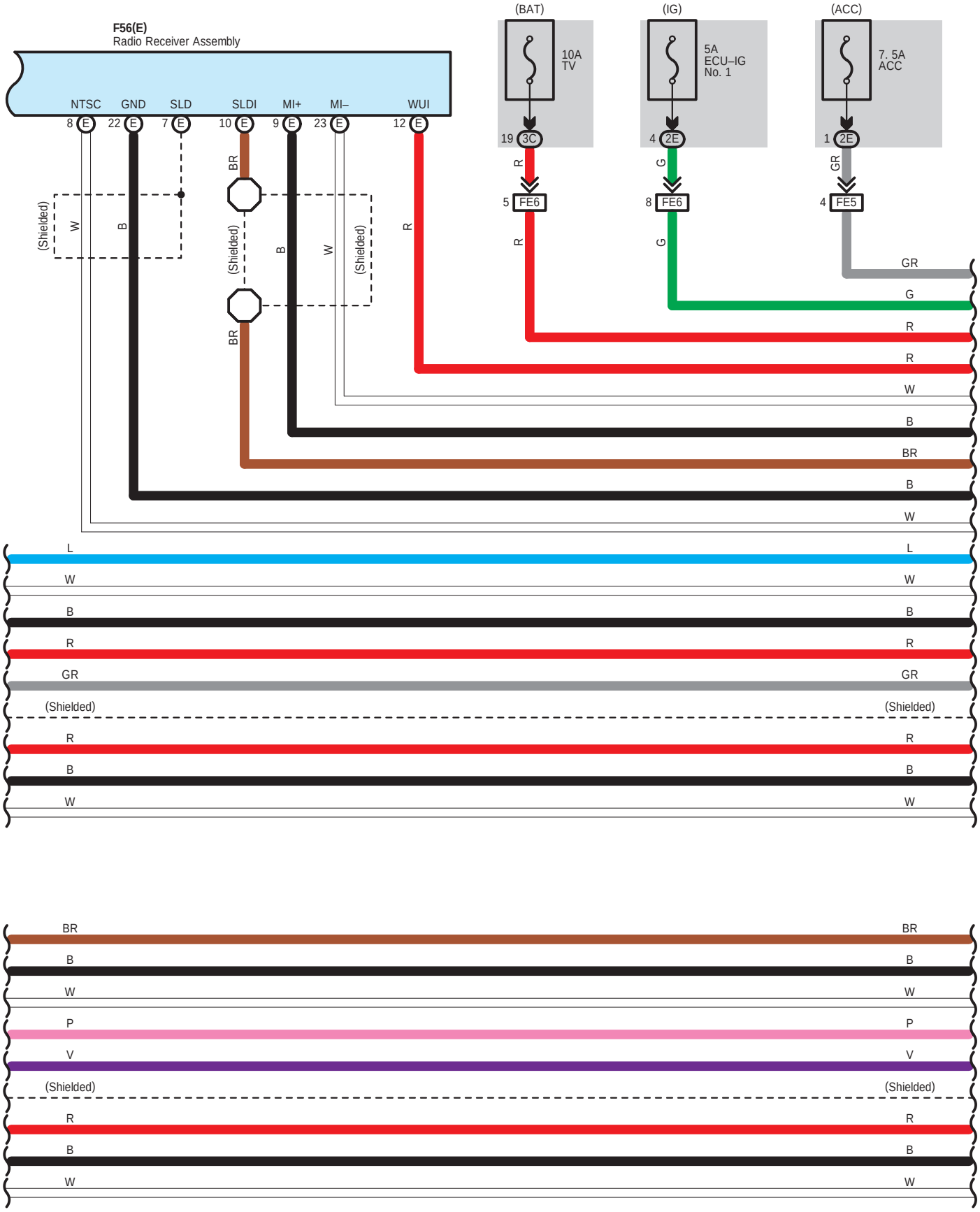


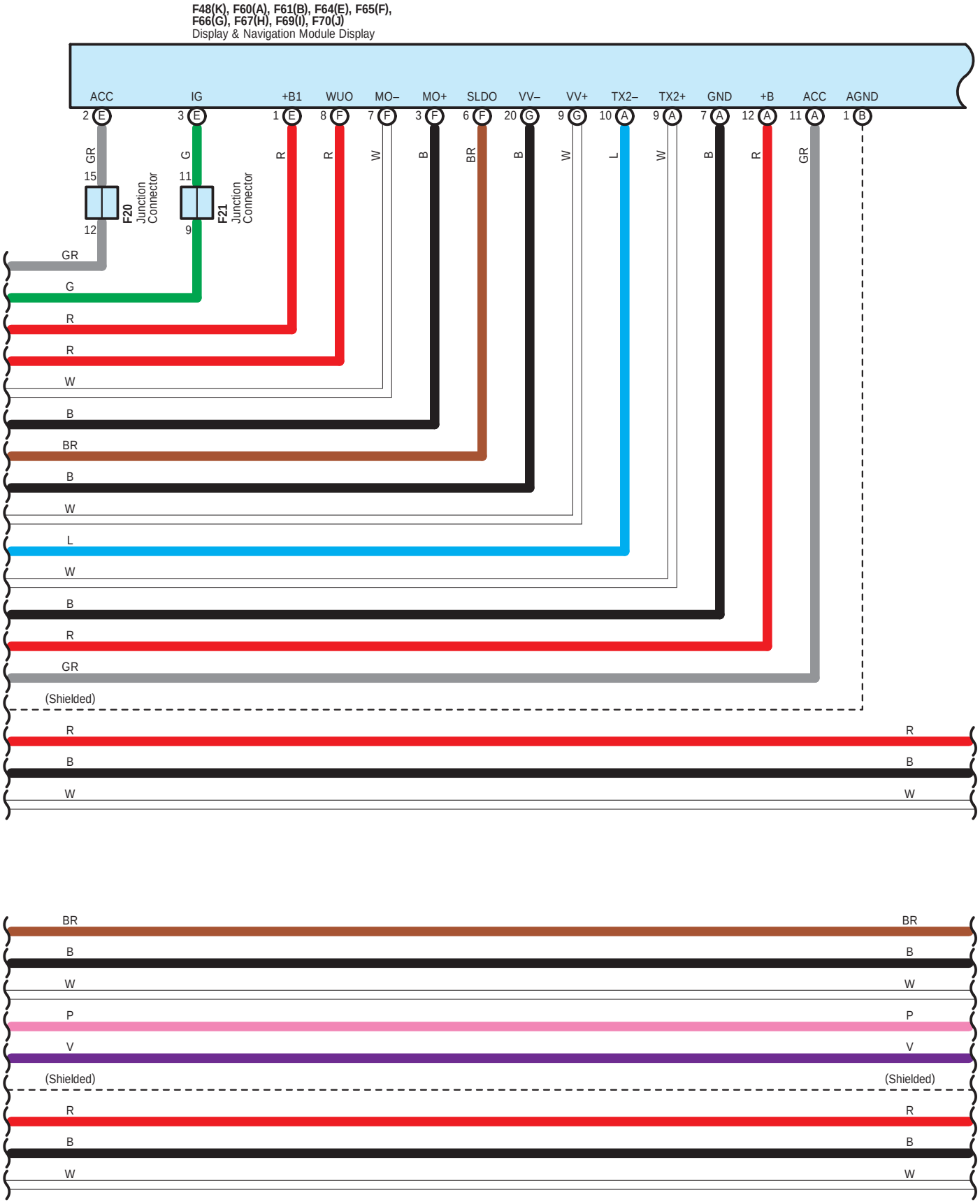
F2(A), F3(B), (F), F52(C), (G), F59(E)
Stereo Component Amplifier Assembly

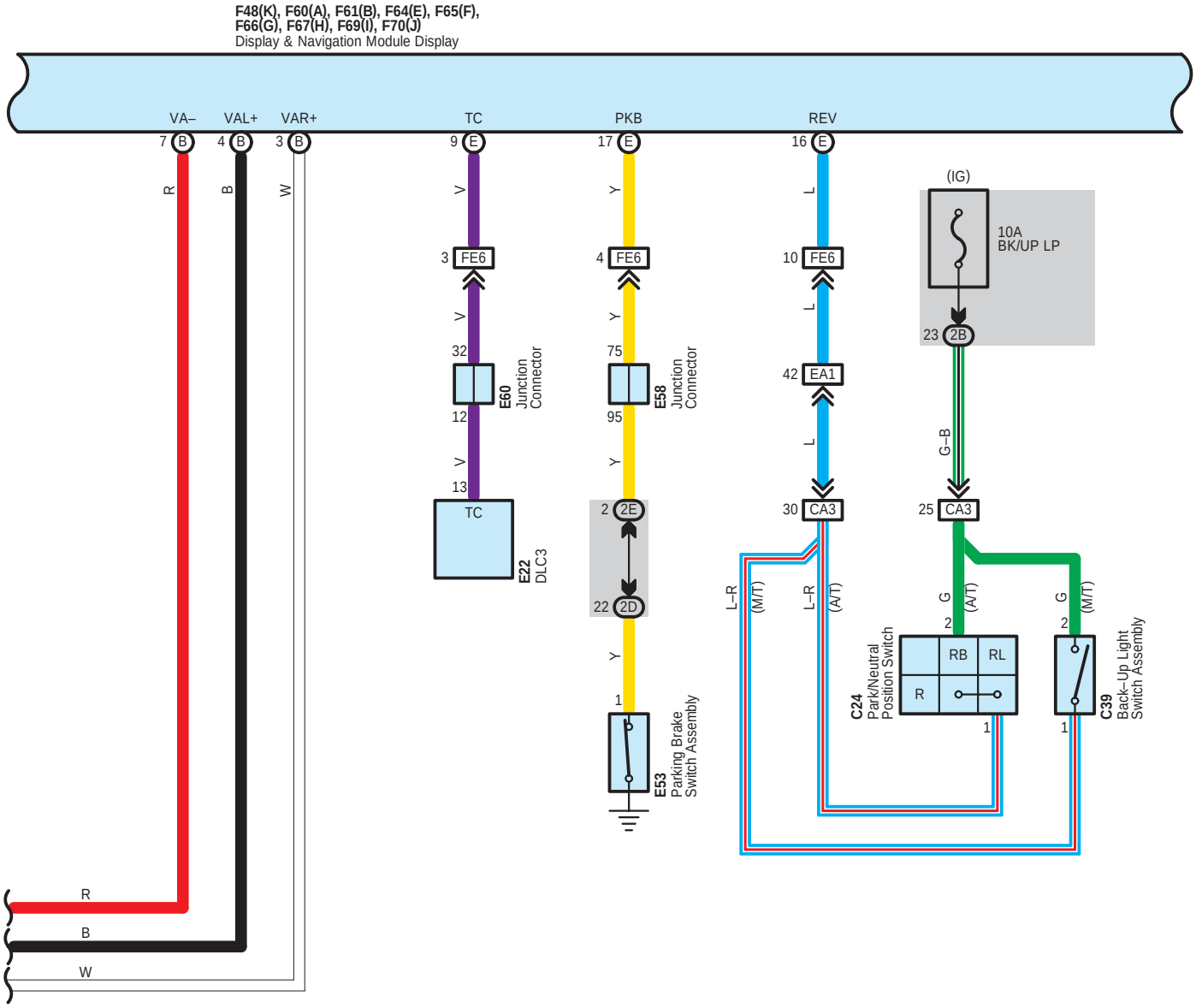

F56(E)
Radio Receiver Assembly
9 JK2
1 JK2
40 EK2
39 EK2
9 JL2
1 JL2
B (*4)
W (*4)
3
1
J9
Rear No. 3 Speaker Assembly LH
4
2
V (*4)
P (*4)
2
1
J19
Rear Speaker Set LH
WF–
WF+
9 FE7
8 FE7
19 FL1
18 FL1
J2
Rear No. 3 Speaker Assembly RH
J18
Rear Speaker Set RH
4 C
11 C
12 C
5 C
R–L+
R–L–
R–R–
R–R+
BR
B
W
P
11 E
12 E
6 E
9 E
SLDO
MO–
MO+
WUO
SPD
2 E
V
F2(A), F3(B), (F), F52(C), (G), F59(E)
Stereo Component Amplifier Assembly


F56(E)
Radio Receiver Assembly
AUXI
ALI
ARI
ASGN
AGND
L41(B), L42(C), L45(D)
Multi–Media Interface ECU Assembly
UPO
UDO–
UDO+
UESG
(Shielded)
AUXO
ALO
ARO
ASGN
AGND
UPO
UDI–
UDI+
UJSG
m1
No. 1 Stereo Jack Adapter Assembly
BR
B
W
P
V

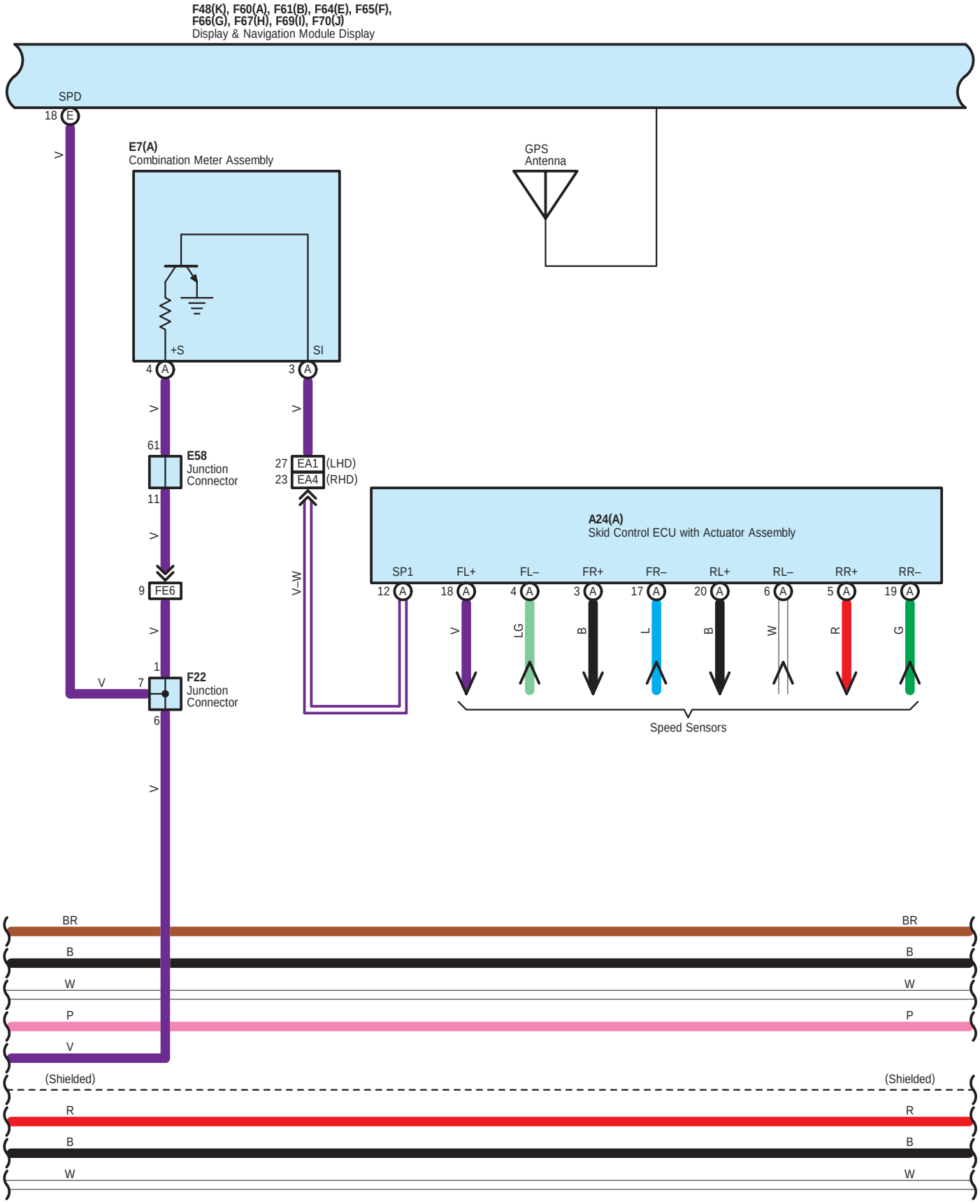

# : There is no wire color information.
F56(E)
Radio Receiver Assembly
L41(B), L42(C), L45(D)
Multi–Media Interface ECU Assembly
VRI
VLI
VGN
SGND
URO+
ULO+
UGD1
USD1
ACC
+B
GND
TX1+
TX1–
(Shielded)
W
B
R
GR
L
FL1
FL2
PF1
BR
P
V

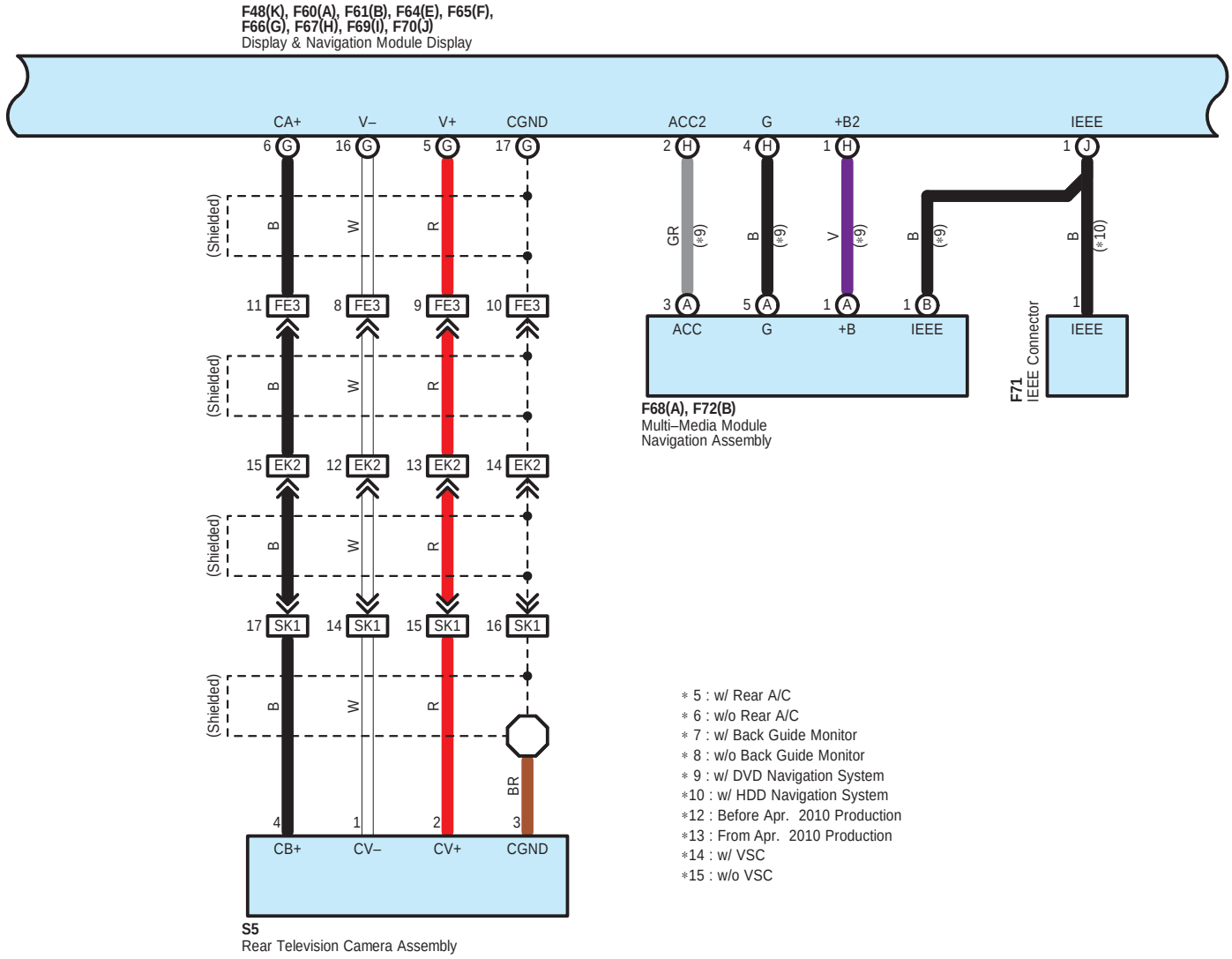

F56(E)
Radio Receiver Assembly
NTSC
GND
SLD
SLDI
MI+
MI–
WUI
8 E
22 E
7 E
10 E
9 E
23 E
12 E
(BAT)
10A
TV
19 3C
(IG)
5A
ECU–IG
No. 1
4 2E
(ACC)
7. 5A
ACC
1 2E
5 FE6
8 FE6
4 FE5
(Shielded)
BR
W
B
R
G
GR
L
P
V


F48(K), F60(A), F61(B), F64(E), F65(F), F66(G), F67(H), F69(I), F70(J)
Display & Navigation Module Display
ACC
IG
+B1
WUO
MO–
MO+
SLDO
VV–
VV+
TX2–
TX2+
GND
+B
ACC
AGND
F20 Junction Connector
F21 Junction Connector
(Shielded)
(Shielded)

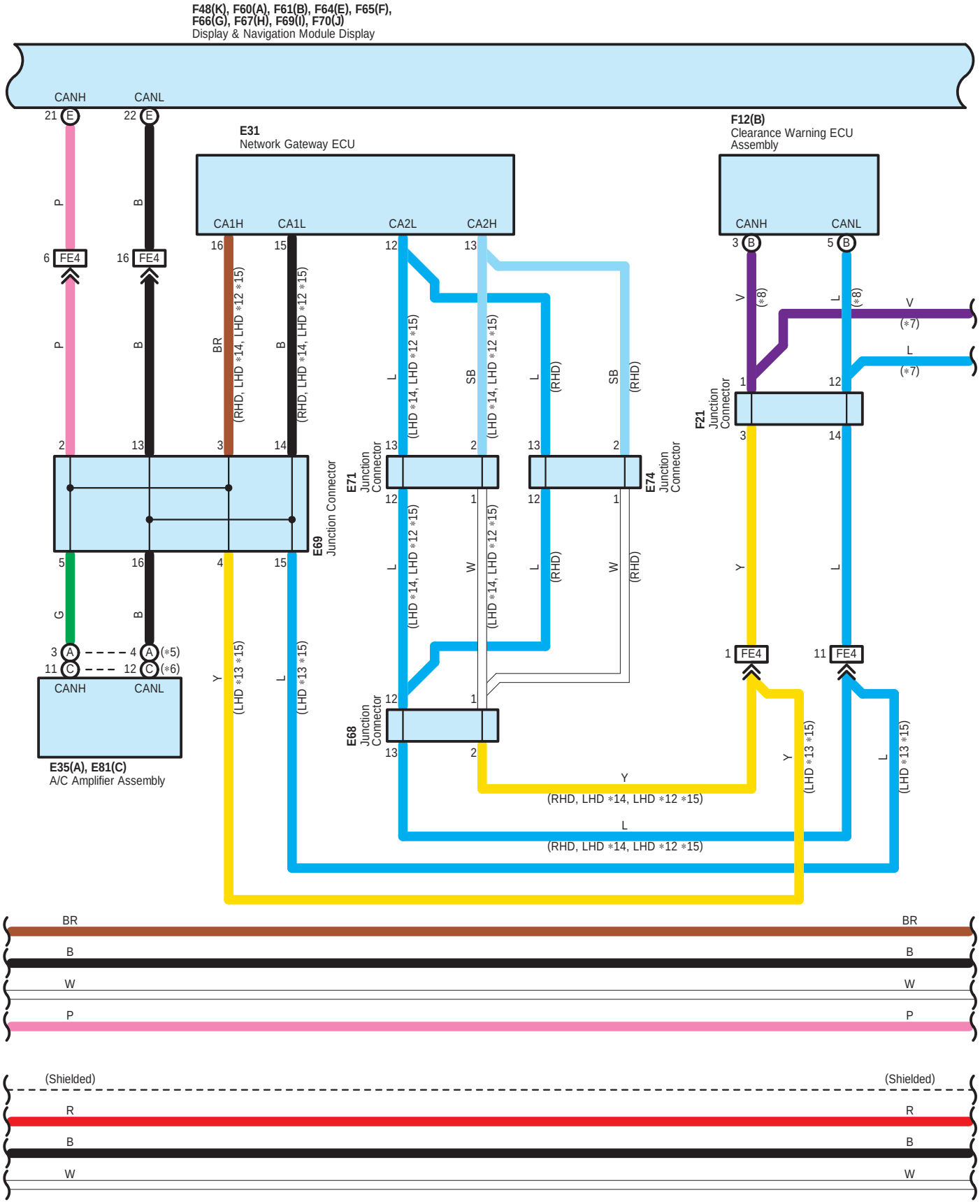

F48(K), F60(A), F61(B), F64(E), F65(F), F66(G), F67(H), F69(I), F70(J)
Display & Navigation Module Display
VA–
VAL+
VAR+
TC
PKB
REV
7 B
4 B
3 B
9 E
17 E
16 E
R
B
W
V
Y
L
3 FE6
4 FE6
10 FE6
32
12
75
95
42 EA1
13
TC
E22 DLC3
E60 Junction Connector
E58 Junction Connector
(IG)
10A BK/UP LP
23 2B
G–B
2 2E
22 2D
1
E53 Parking Brake Switch Assembly
30 CA3
25 CA3
L–R (M/T)
L–R (A/T)
G (A/T)
G (M/T)
2
RB
RL
R
1
C24 Park/Neutral Position Switch
C39 Back–Up Light Switch Assembly

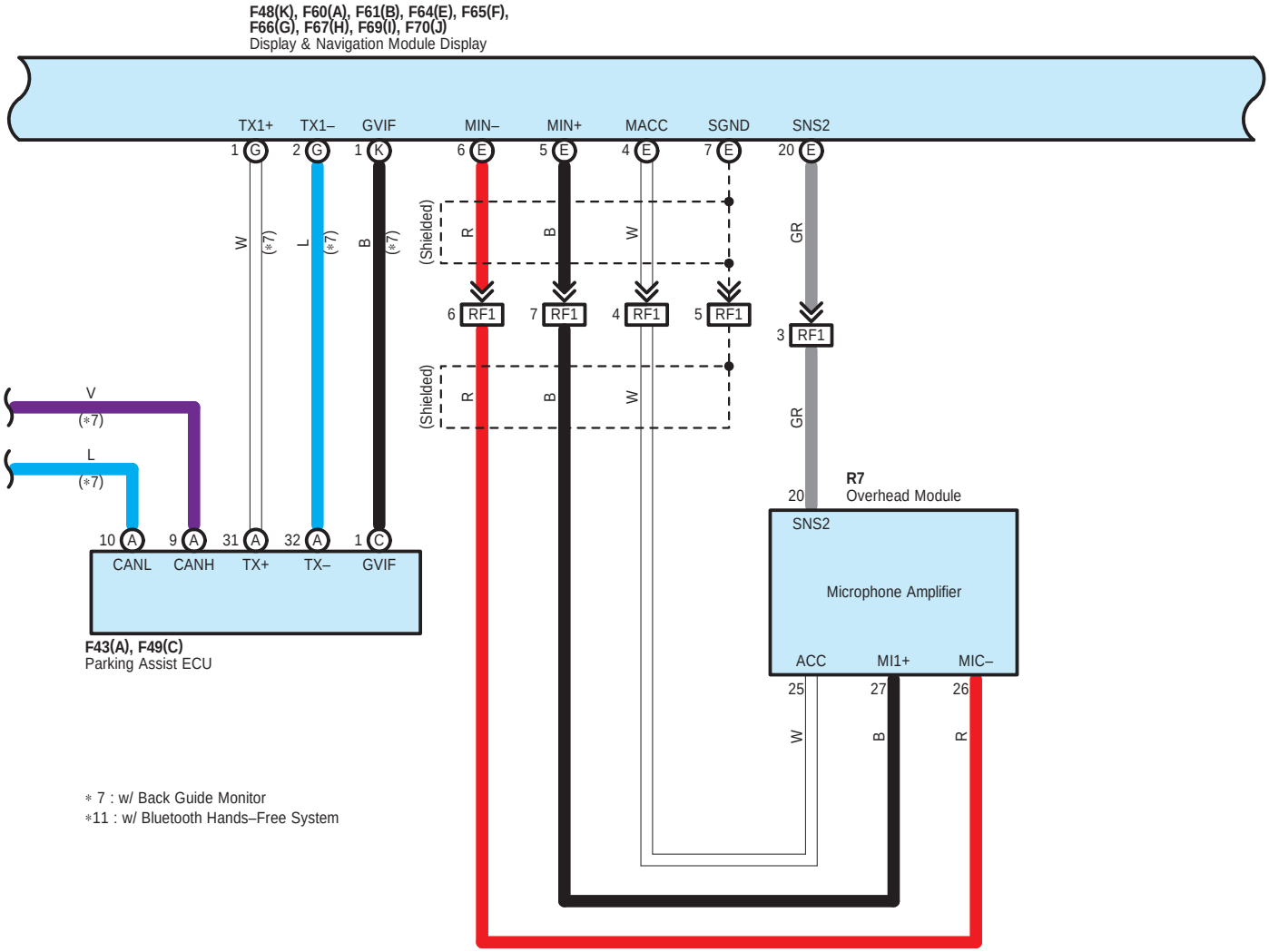

BR
B
W
P
V
(Shielded)
R
B
W


F48(K), F60(A), F61(B), F64(E), F65(F), F66(G), F67(H), F69(I), F70(J)
Display & Navigation Module Display
SPD
18 E
V
E7(A)
Combination Meter Assembly
+S
SI
4 A
3 A
GPS
Antenna
V
61
E58
Junction Connector
11
27 EA1 (LHD)
23 EA4 (RHD)
V
9 FE6
V–W
A24(A)
Skid Control ECU with Actuator Assembly
SP1
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
12 A
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
V
LG
B
L
B
W
R
G
Speed Sensors
V
1
7
F22
Junction Connector
6
V
BR
B
W
P
V
(Shielded)
R
B
W
BR
B
W
P
(Shielded)
R
B
W

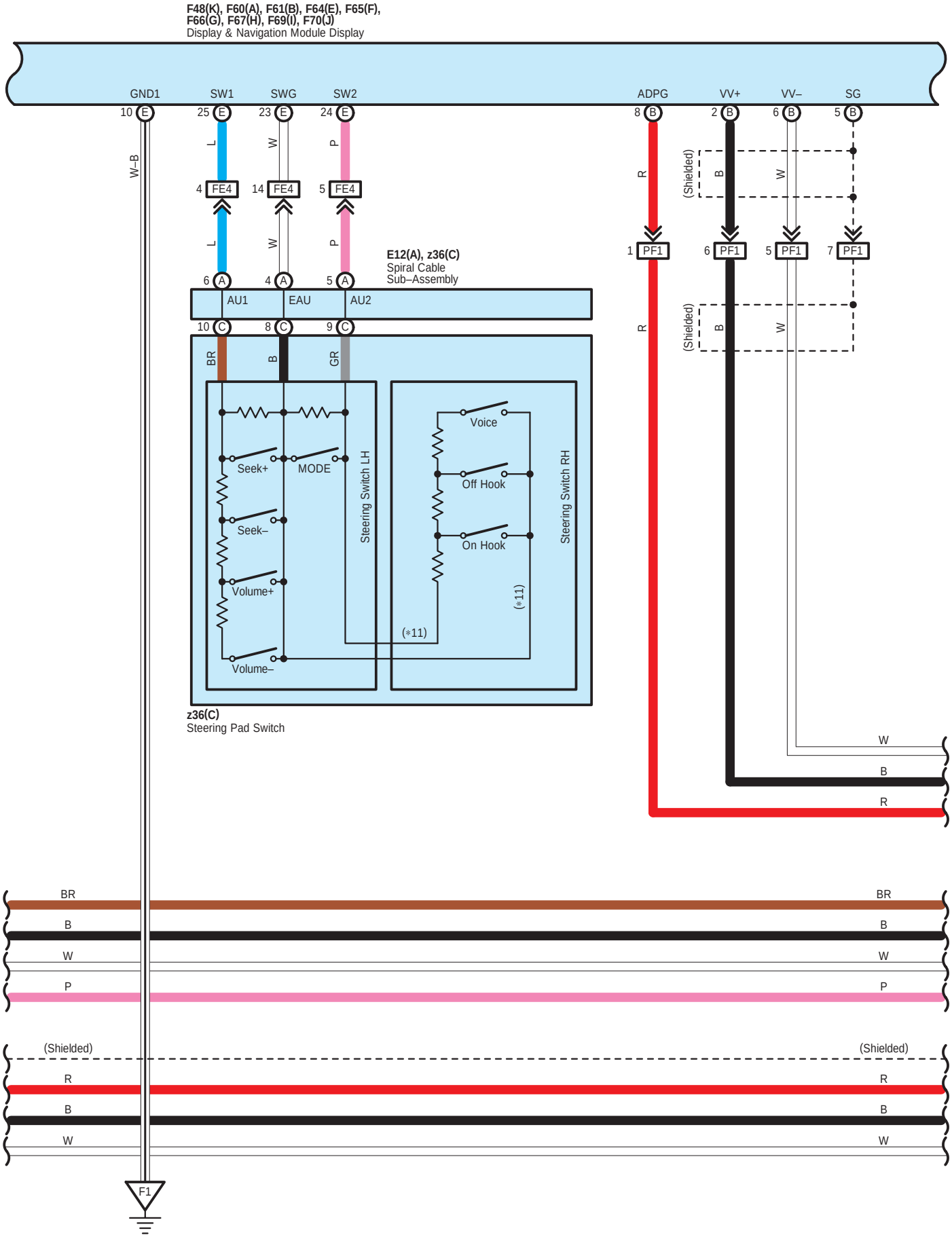

F48(K), F60(A), F61(B), F64(E), F65(F), F66(G), F67(H), F69(I), F70(J)
Display & Navigation Module Display
CA+
V–
V+
CGND
ACC2
G
+B2
IEEE
(Shielded)
B
W
R
GR
(*9)
V
(*10)
FE3
EK2
SK1
BR
CB+
CV–
CV+
CGND
ACC
+B
F68(A), F72(B)
Multi–Media Module
Navigation Assembly
F71
IEEE Connector
S5
Rear Television Camera Assembly
∗ 5 : w/ Rear A/C
∗ 6 : w/o Rear A/C
∗ 7 : w/ Back Guide Monitor
∗ 8 : w/o Back Guide Monitor
∗ 9 : w/ DVD Navigation System
∗10 : w/ HDD Navigation System
∗12 : Before Apr. 2010 Production
∗13 : From Apr. 2010 Production
∗14 : w/ VSC
∗15 : w/o VSC

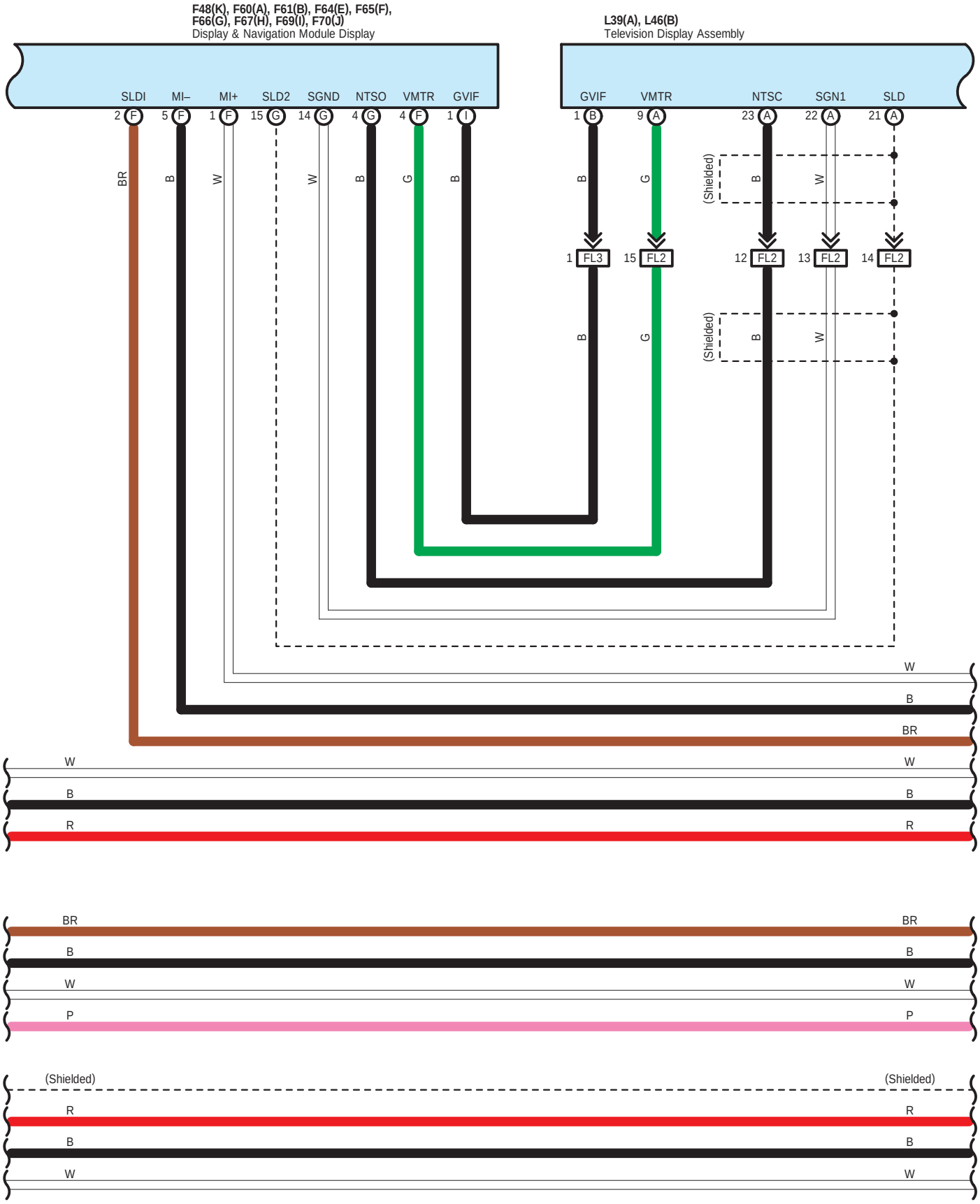

BR
B
W
P
(Shielded)
R

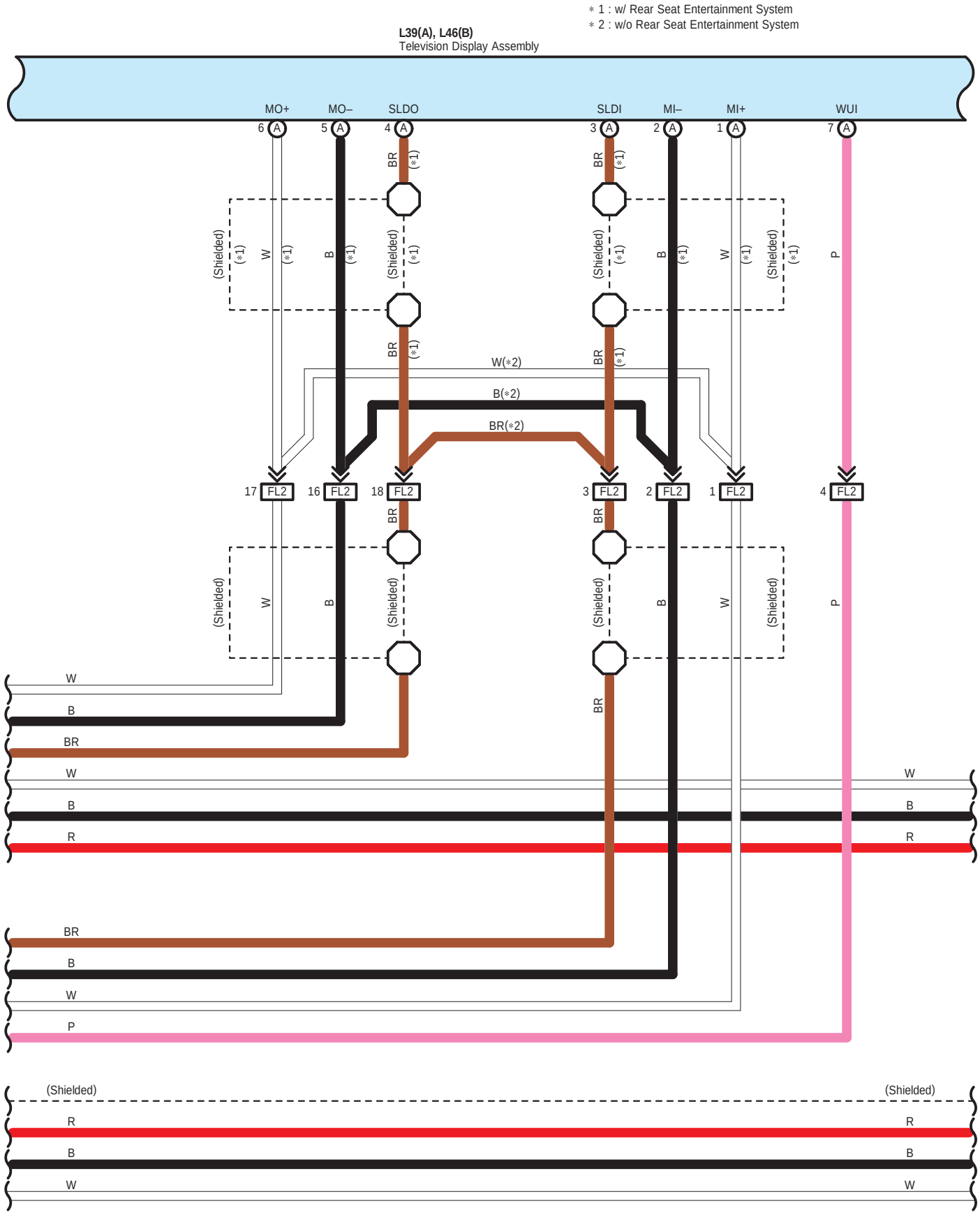

F48(K), F60(A), F61(B), F64(E), F65(F), F66(G), F67(H), F69(I), F70(J)
Display & Navigation Module Display
CANH
CANL
E31
Network Gateway ECU
CA1H
CA1L
CA2L
CA2H
F12(B)
Clearance Warning ECU Assembly
E69 Junction Connector
E71 Junction Connector
E74 Junction Connector
E68 Junction Connector
F21 Junction Connector
E35(A), E81(C)
A/C Amplifier Assembly
(RHD, LHD *14, LHD *12 *15)
(LHD *14, LHD *12 *15)
(RHD)
(LHD *13 *15)
(RHD, LHD *14, LHD *12 *15)
(RHD, LHD *14, LHD *12 *15)
(*5)
(*6)
(*7)
(*8)
FE4
BR
B
W
P
(Shielded)
R

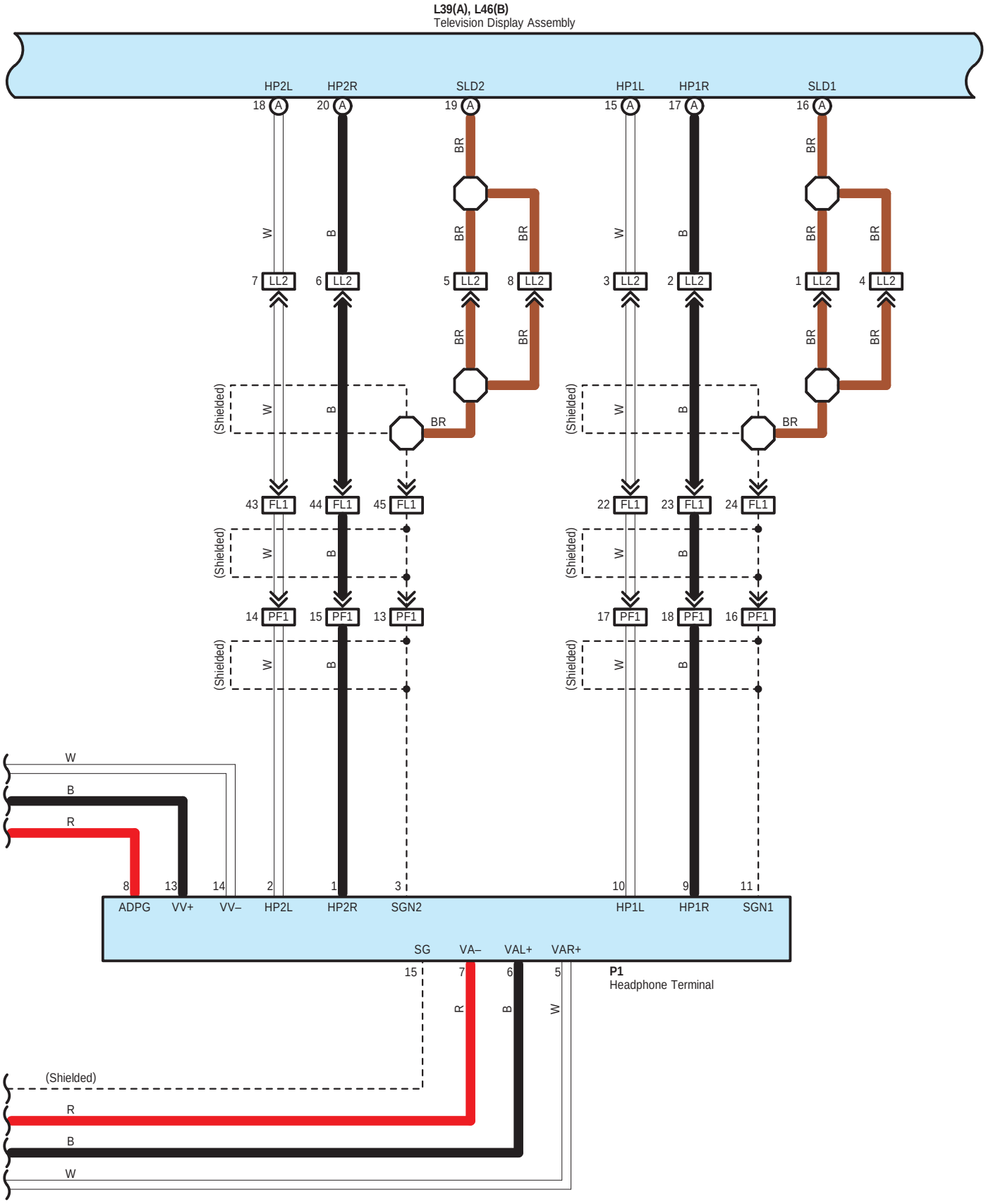

F48(K), F60(A), F61(B), F64(E), F65(F), F66(G), F67(H), F69(I), F70(J)
Display & Navigation Module Display
TX1+
TX1–
GVIF
MIN–
MIN+
MACC
SGND
SNS2
1 G
2 G
1 K
6 E
5 E
4 E
7 E
20 E
W (*7)
L (*7)
B (*7)
(Shielded)
R
B
W
GR
6 RF1
7 RF1
4 RF1
5 RF1
3 RF1
V (*7)
L (*7)
10 A
9 A
31 A
32 A
1 C
CANL
CANH
TX+
TX–
GVIF
F43(A), F49(C)
Parking Assist ECU
R7
Overhead Module
20
SNS2
Microphone Amplifier
ACC
MI1+
MIC–
25
27
26
W
B
R
* 7 : w/ Back Guide Monitor
*11 : w/ Bluetooth Hands–Free System

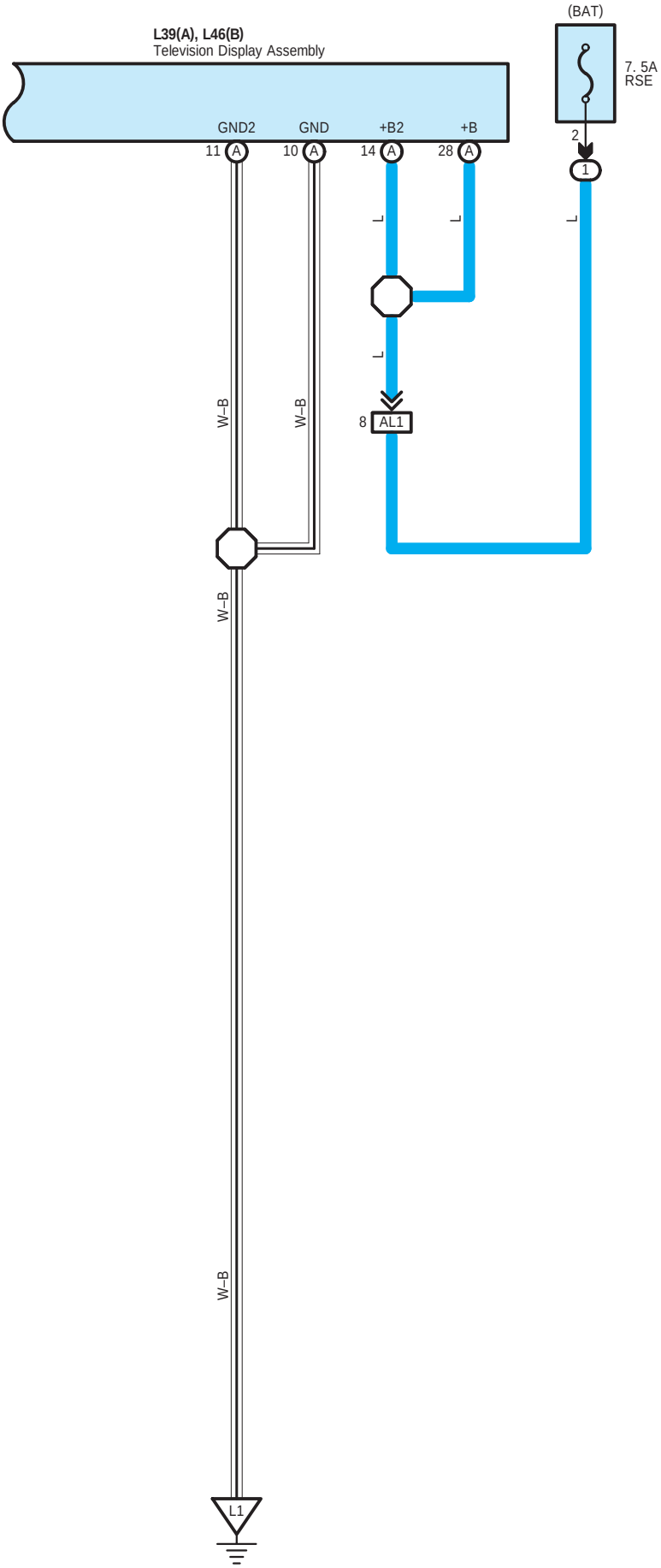

BR
BR
B
B
W
W
P
P
(Shielded)
(Shielded)
R
R
B
B
W
W


F48(K), F60(A), F61(B), F64(E), F65(F), F66(G), F67(H), F69(I), F70(J)
Display & Navigation Module Display
GND1
SW1
SWG
SW2
ADPG
VV+
VV–
SG
W–B
FE4
E12(A), z36(C)
Spiral Cable Sub–Assembly
AU1
EAU
AU2
PF1
(Shielded)
Seek+
MODE
Seek–
Volume+
Volume–
Steering Switch LH
Voice
Off Hook
On Hook
Steering Switch RH
(*11)
z36(C)
Steering Pad Switch
F1

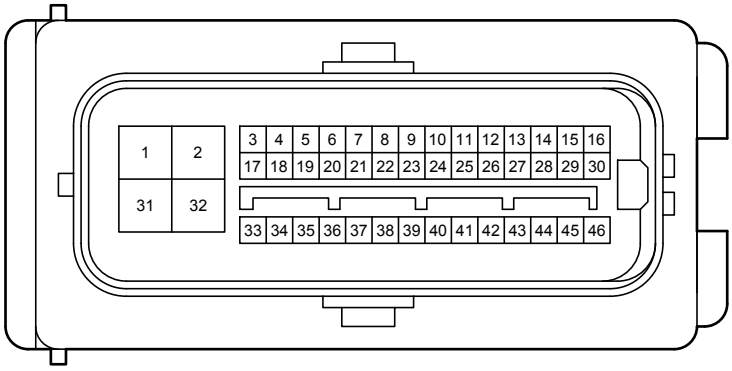

F48(K), F60(A), F61(B), F64(E), F65(F), F66(G), F67(H), F69(I), F70(J)
Display & Navigation Module Display
SLDI
MI–
MI+
SLD2
SGND
NTSO
VMTR
GVIF
2 F
5 F
1 F
15 G
14 G
4 G
4 F
1 I
BR
B
W
W
B
G
B
L39(A), L46(B)
Television Display Assembly
GVIF
VMTR
NTSC
SGN1
SLD
1 B
9 A
23 A
22 A
21 A
B
G
(Shielded)
B
W
1 FL3
15 FL2
12 FL2
13 FL2
14 FL2
B
G
(Shielded)
B
W
W
B
BR
W
B
R
W
B
R
BR
B
W
P
BR
B
W
P
(Shielded)
R
B
W
(Shielded)
R
B
W


∗ 1 : w/ Rear Seat Entertainment System
∗ 2 : w/o Rear Seat Entertainment System
L39(A), L46(B)
Television Display Assembly
MO+
MO–
SLDO
SLDI
MI–
MI+
WUI
6 A
5 A
4 A
3 A
2 A
1 A
7 A
BR (∗1)
(Shielded)
W (∗1)
B (∗1)
P
W(∗2)
B(∗2)
BR(∗2)
17 FL2
16 FL2
18 FL2
3 FL2
2 FL2
1 FL2
4 FL2
W
B
BR
R

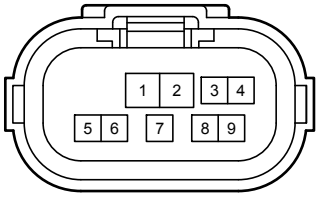

L39(A), L46(B)
Television Display Assembly
HP2L
HP2R
SLD2
HP1L
HP1R
SLD1
18 A
20 A
19 A
15 A
17 A
16 A
BR
W
B
7 LL2
6 LL2
5 LL2
8 LL2
3 LL2
2 LL2
1 LL2
4 LL2
(Shielded)
43 FL1
44 FL1
45 FL1
22 FL1
23 FL1
24 FL1
14 PF1
15 PF1
13 PF1
17 PF1
18 PF1
16 PF1
ADPG
VV+
VV–
HP2L
HP2R
SGN2
HP1L
HP1R
SGN1
SG
VA–
VAL+
VAR+
P1
Headphone Terminal


L39(A), L46(B)
Television Display Assembly
GND2
GND
+B2
+B
11 A
10 A
14 A
28 A
(BAT)
7. 5A
RSE
2
1
L
L
L
8 AL1
W–B
W–B
W–B
W–B
L1

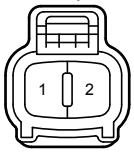
A 24
Black



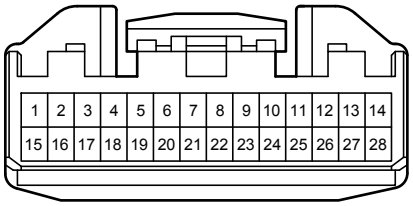
C 24
Gray



C 39
Gray



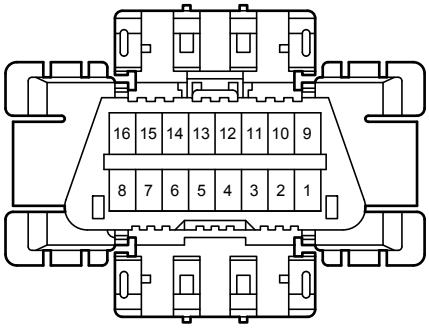
E 7
White



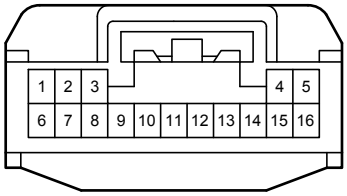
E 12
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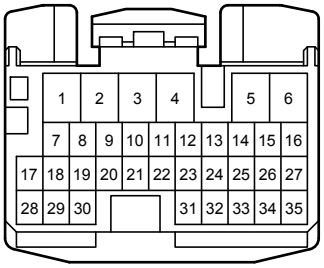
E 22
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E 31
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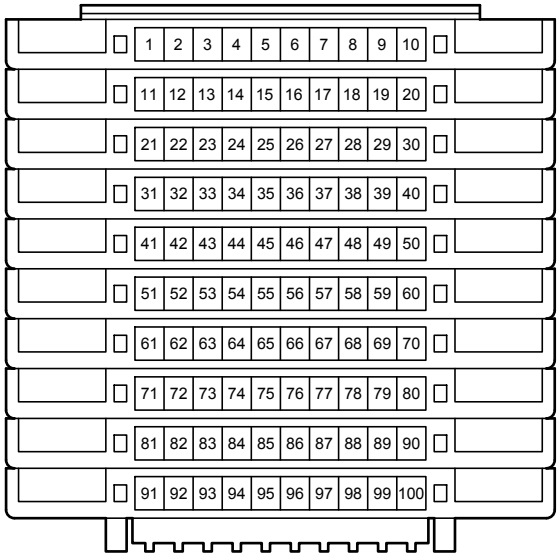
E 35
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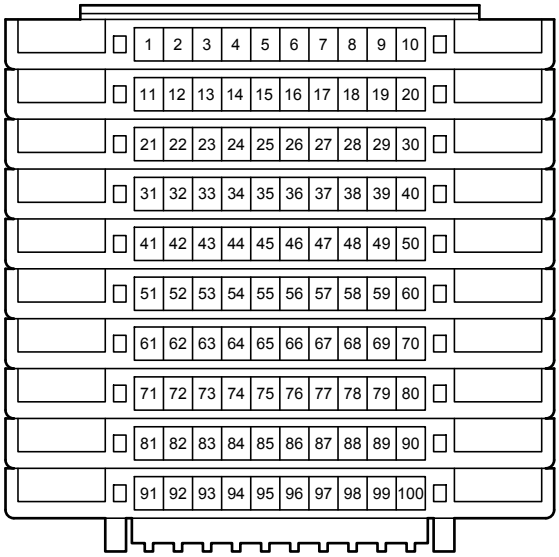
E 53
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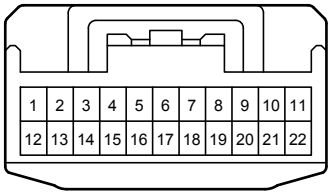
E 58



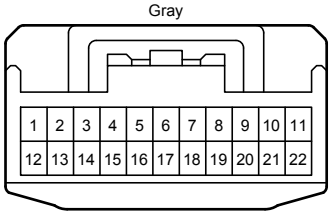
E 60



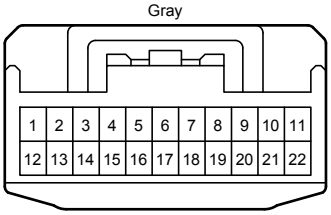
E 68
Gray



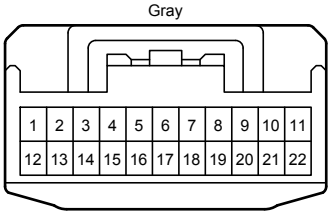
E 69
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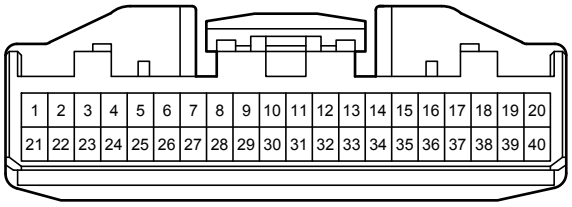
E 71
Gray



E 74
Gray



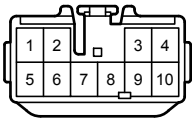
E 81
White



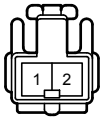
F 2
White



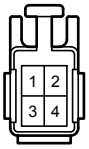
F 3
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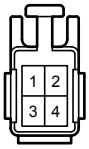
F 6
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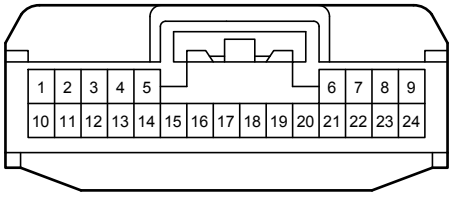
F 7
White



F 8
White

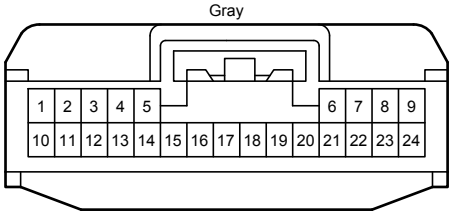


F 12
White



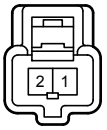
(Before Aug. 2007 Production)

F 12
Gray

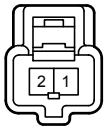


(From Aug. 2007 Production)

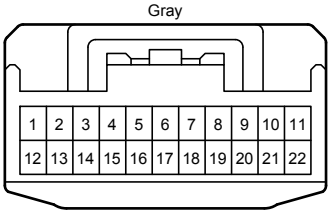
F 13
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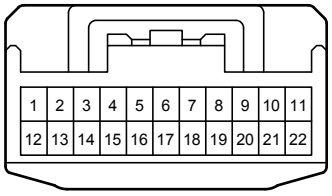
F 14
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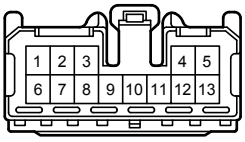
F 20
Gray



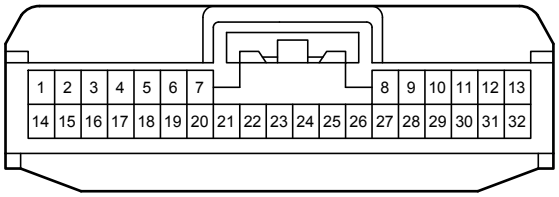
F 21
Black



F 22
White



F 43
White



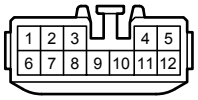
F 48
Blue



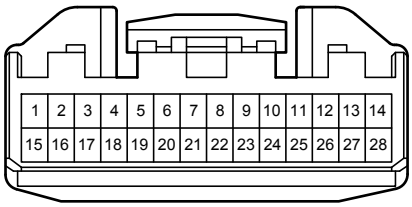
F 49
White



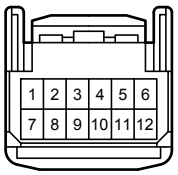
F 52
White



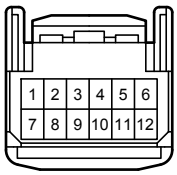
F 56
White



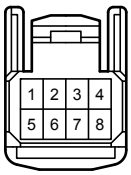
F 59
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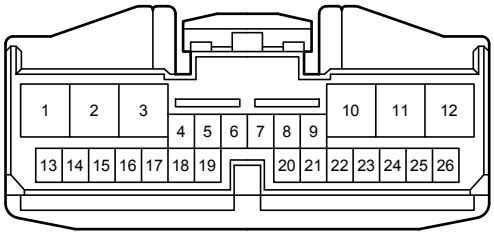
F 60
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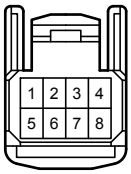
F 61
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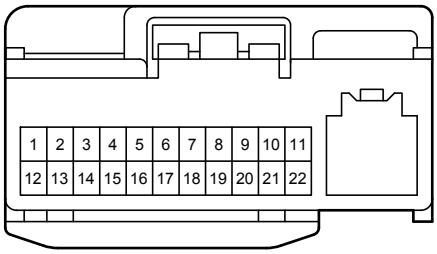
F 64
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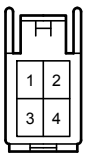
F 65
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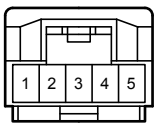
F 66
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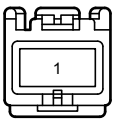
F 67
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F 68
White



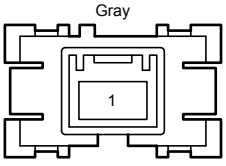
F 69
Brown



F 70
Gray



F 71
Gray



F 72
Gray



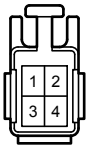
I 1
White



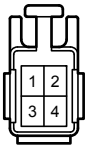
I 10
White



J 2
Black



J 9
Black



J 15
White



J 17
White



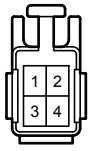
J 18
Black



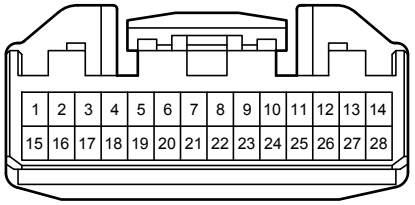
J 19
Black



L 4
White



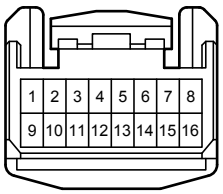
L 39
White



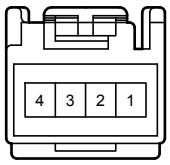
L 41
Black



L 42
White



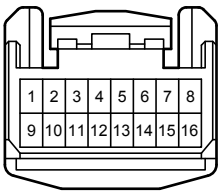
L 45
Brown



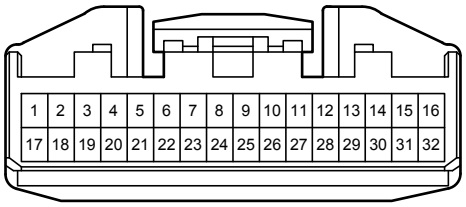
L 46
Blue



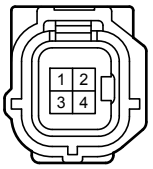
P 1
White



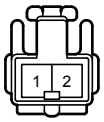
R 7
White



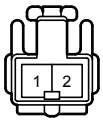
S 5
Black



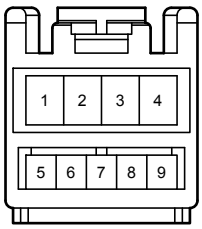
S 8
Black



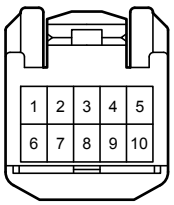
S 9
Black



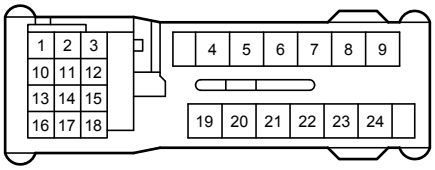
m 1
Black



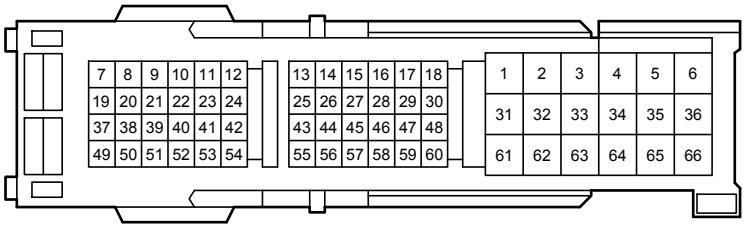
z 36
White



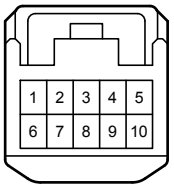
2B
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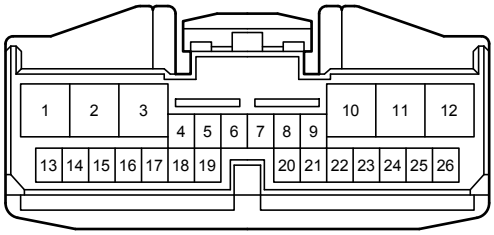
2D
White



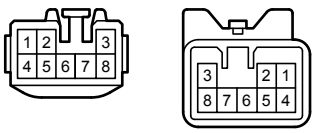
2E
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3C
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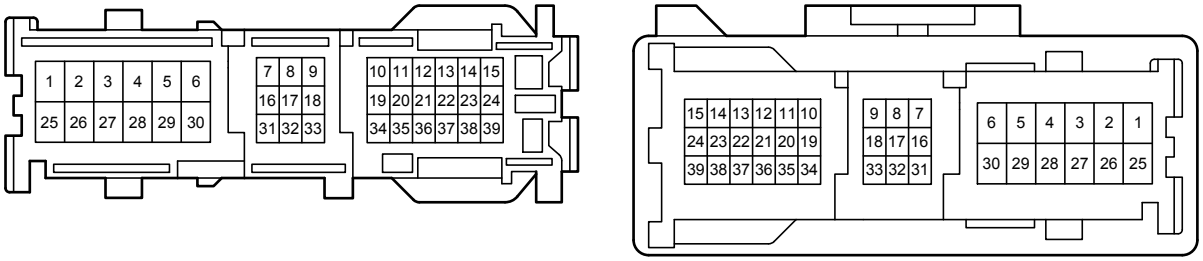


AL1
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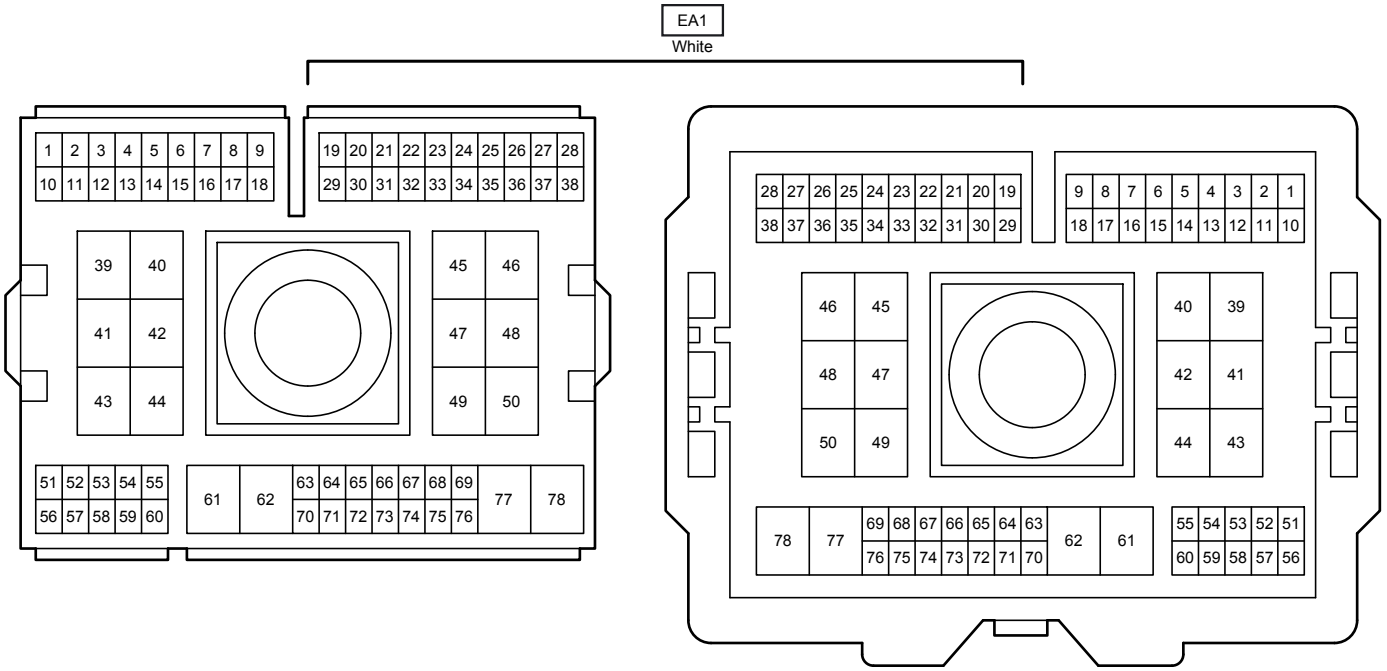
CA3

White



EA1

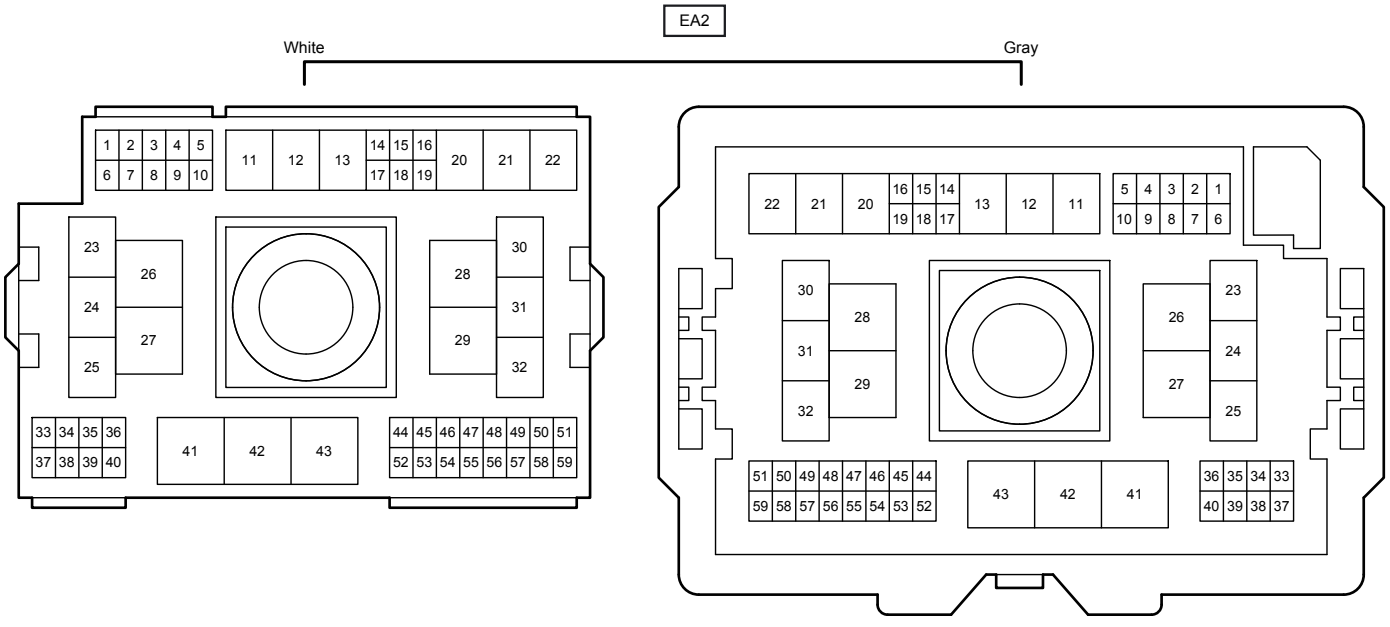
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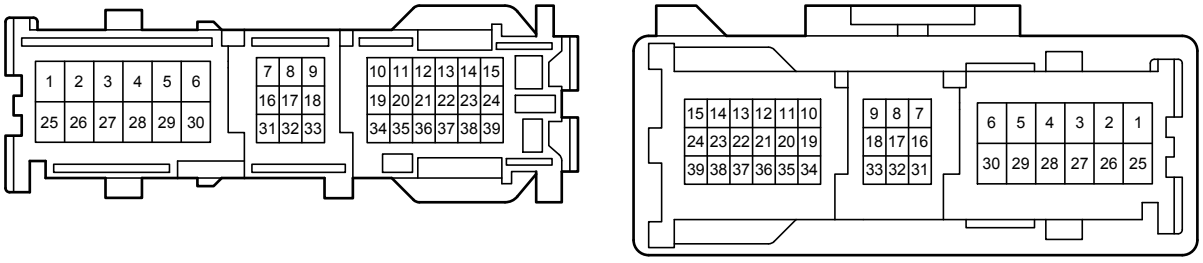
EA2

White

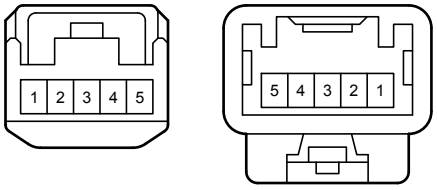
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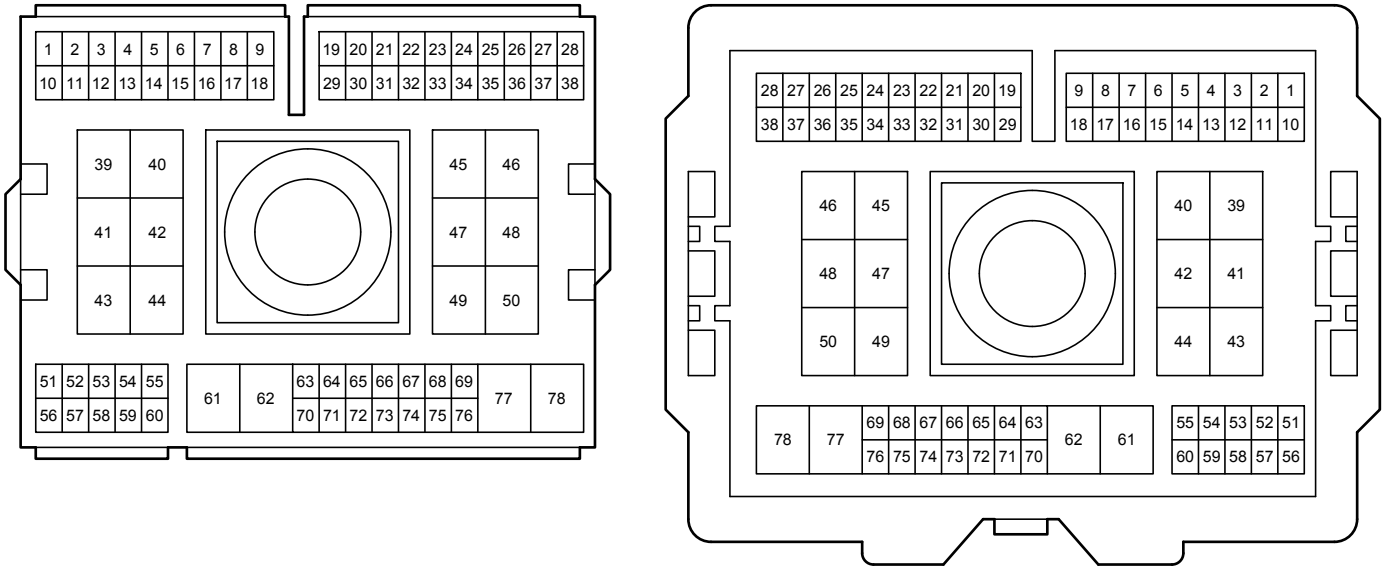
EA4
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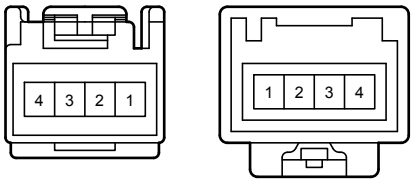
EF1
White



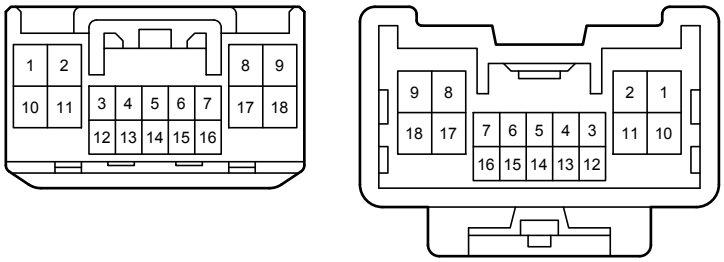
EK2
White



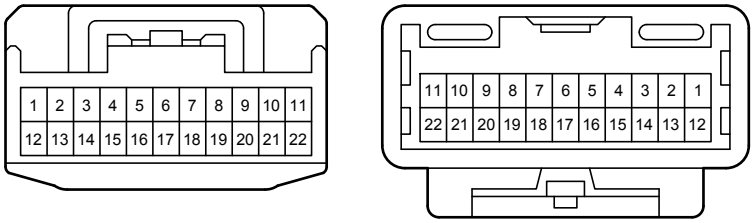
EL3
Brown



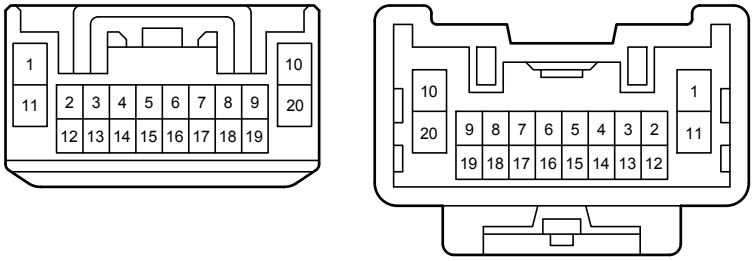
FE1
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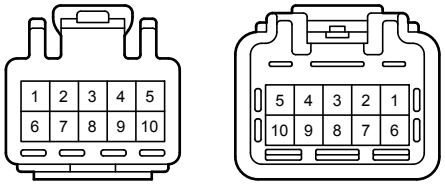
FE3
White



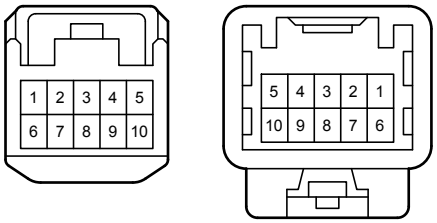
FE4
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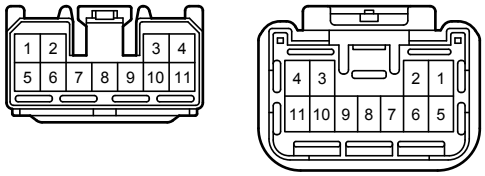
FE5
White



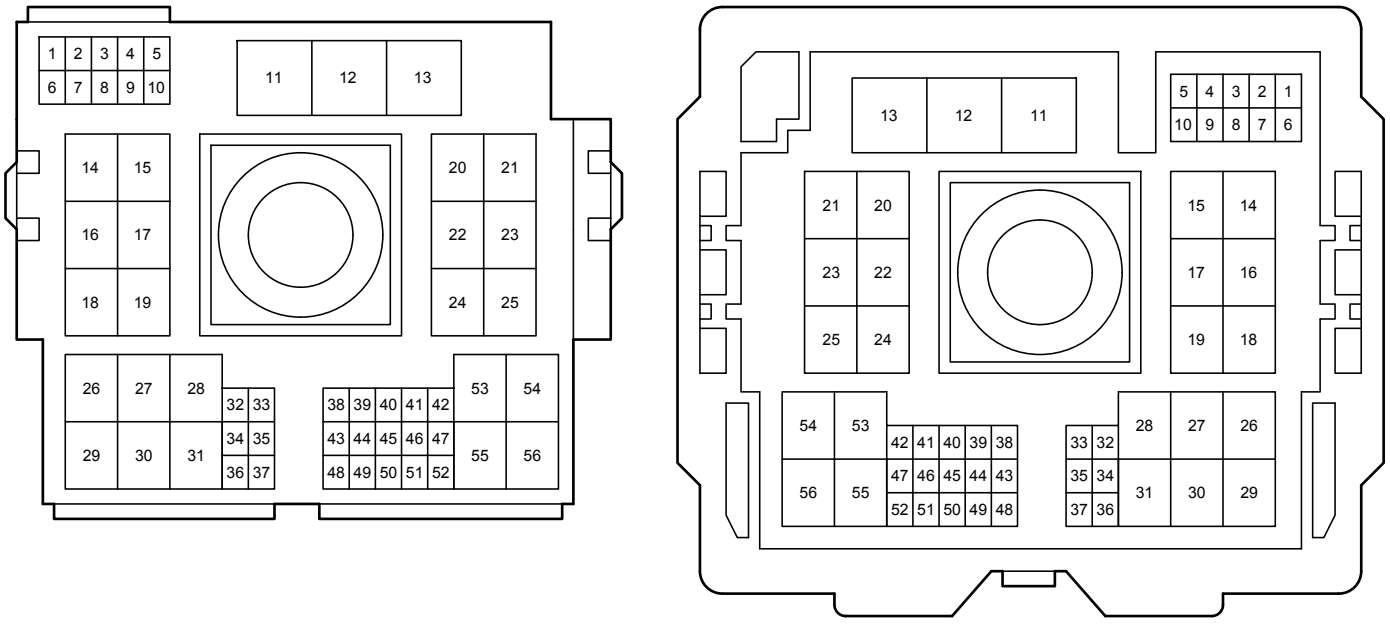
FE6
White



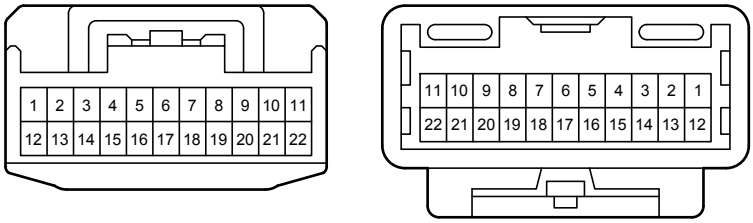
FE7
White



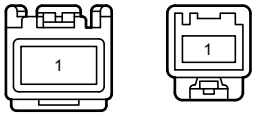
FL1
White
Blue



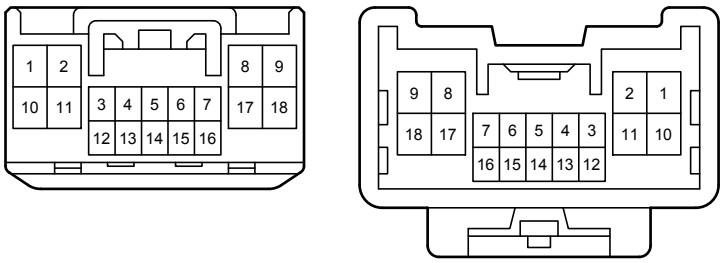
FL2
Blue



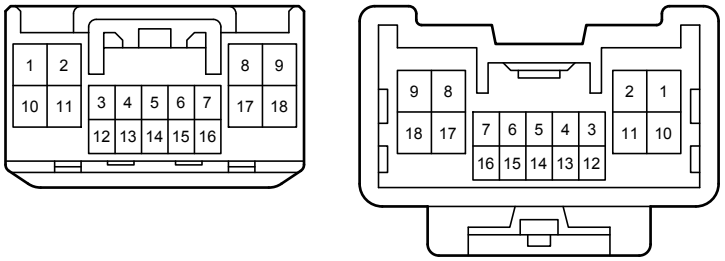
FL3
White



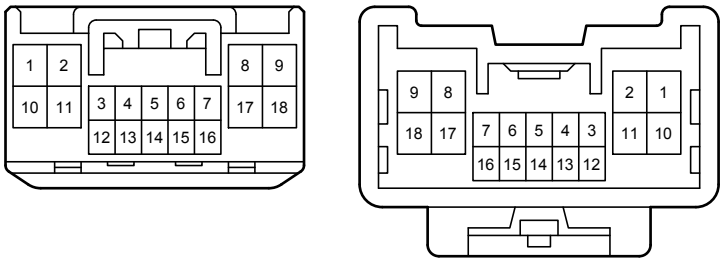
IE3
White



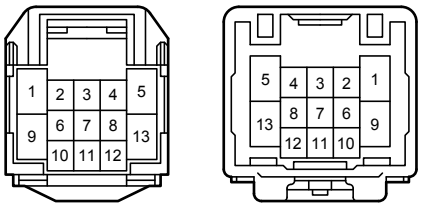
IE6
White



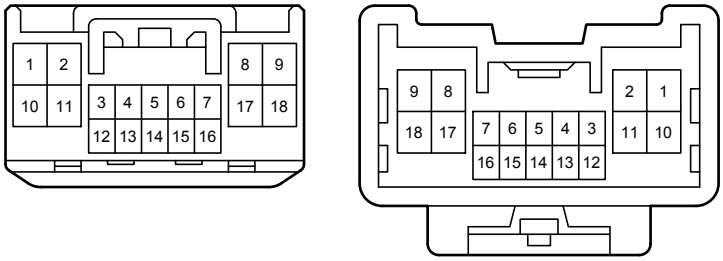
JK1
White



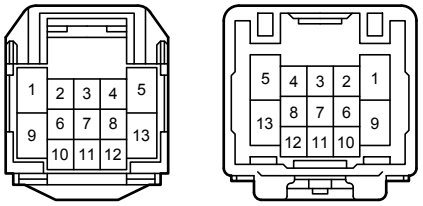
JK2
White



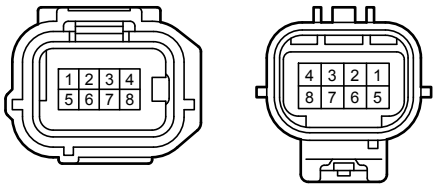
JL1
White



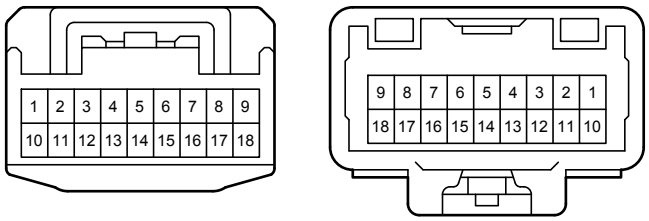
JL2
White



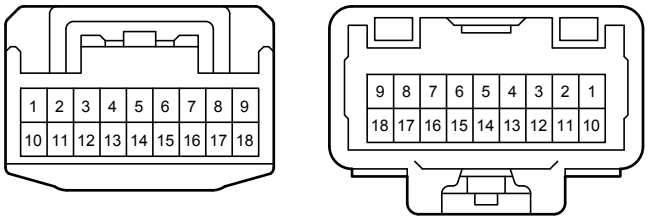
LL2
Gray



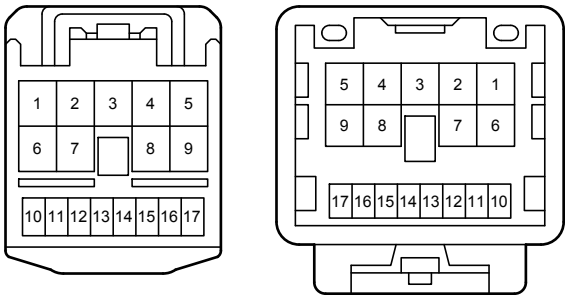
PF1
White

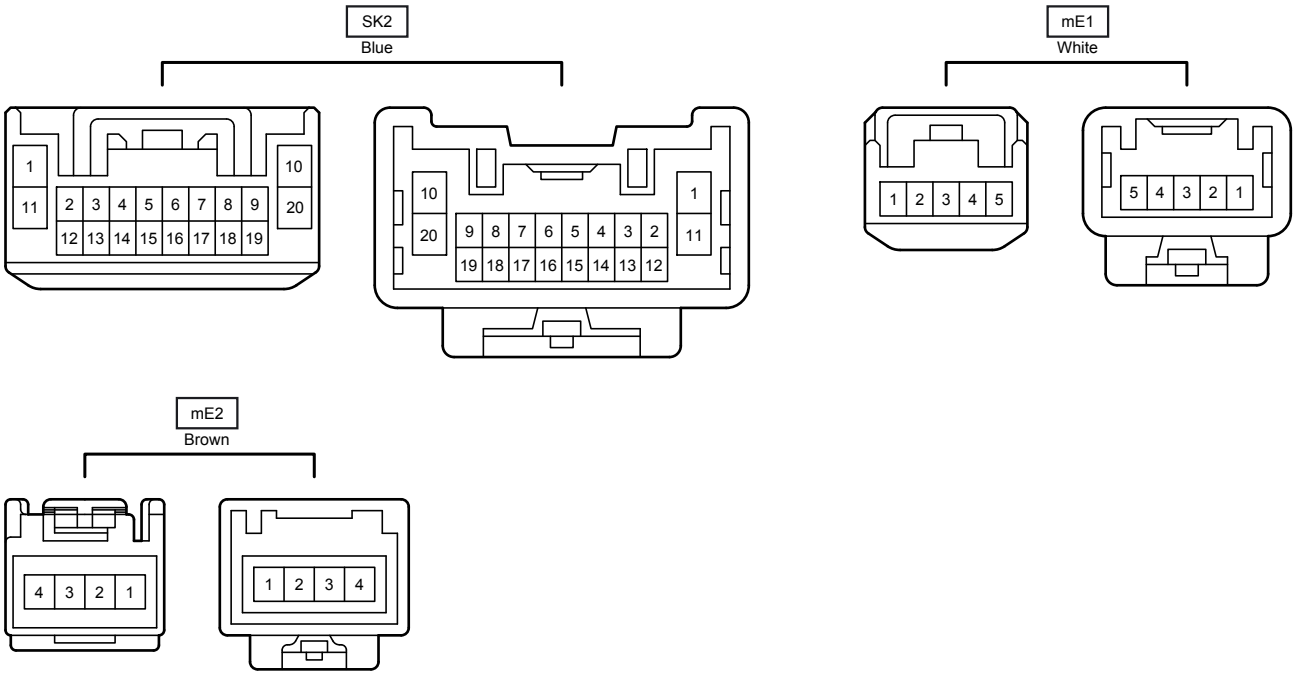


RF1
Gray

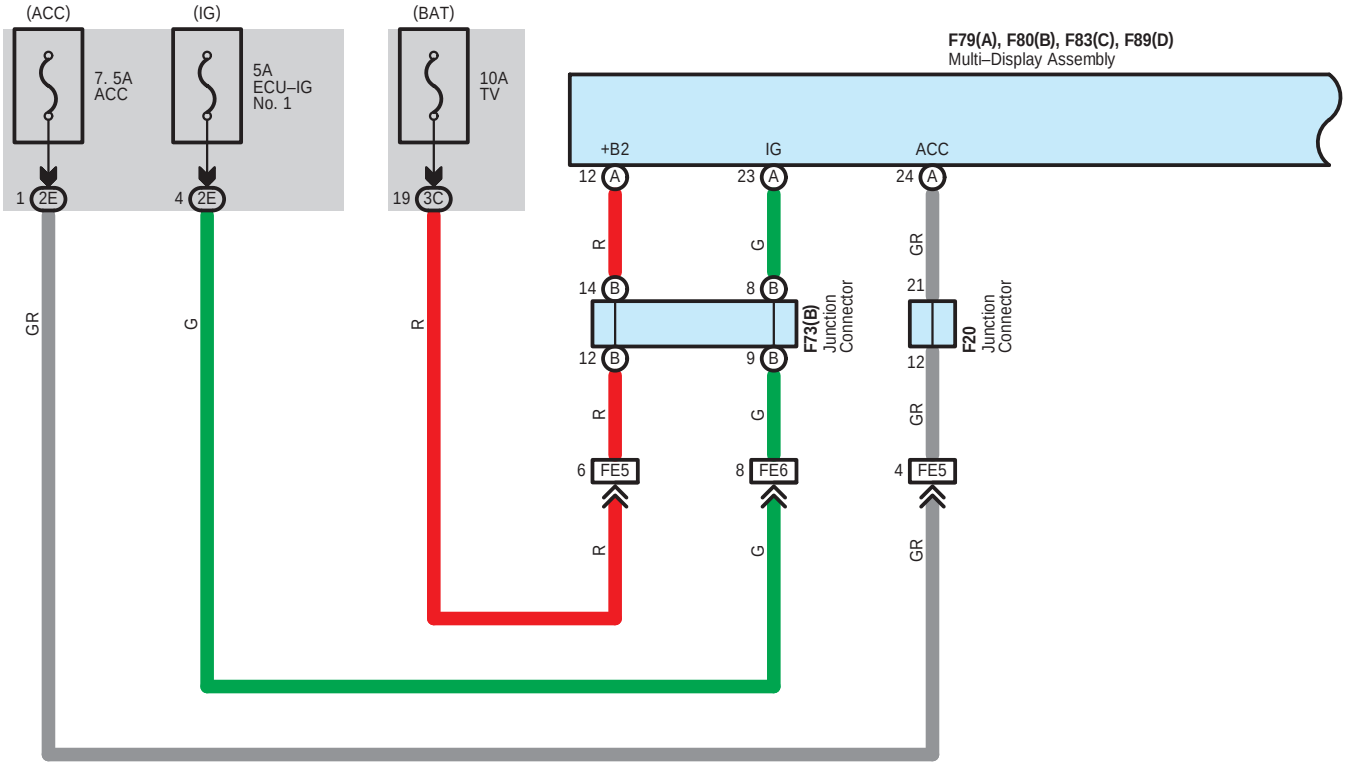


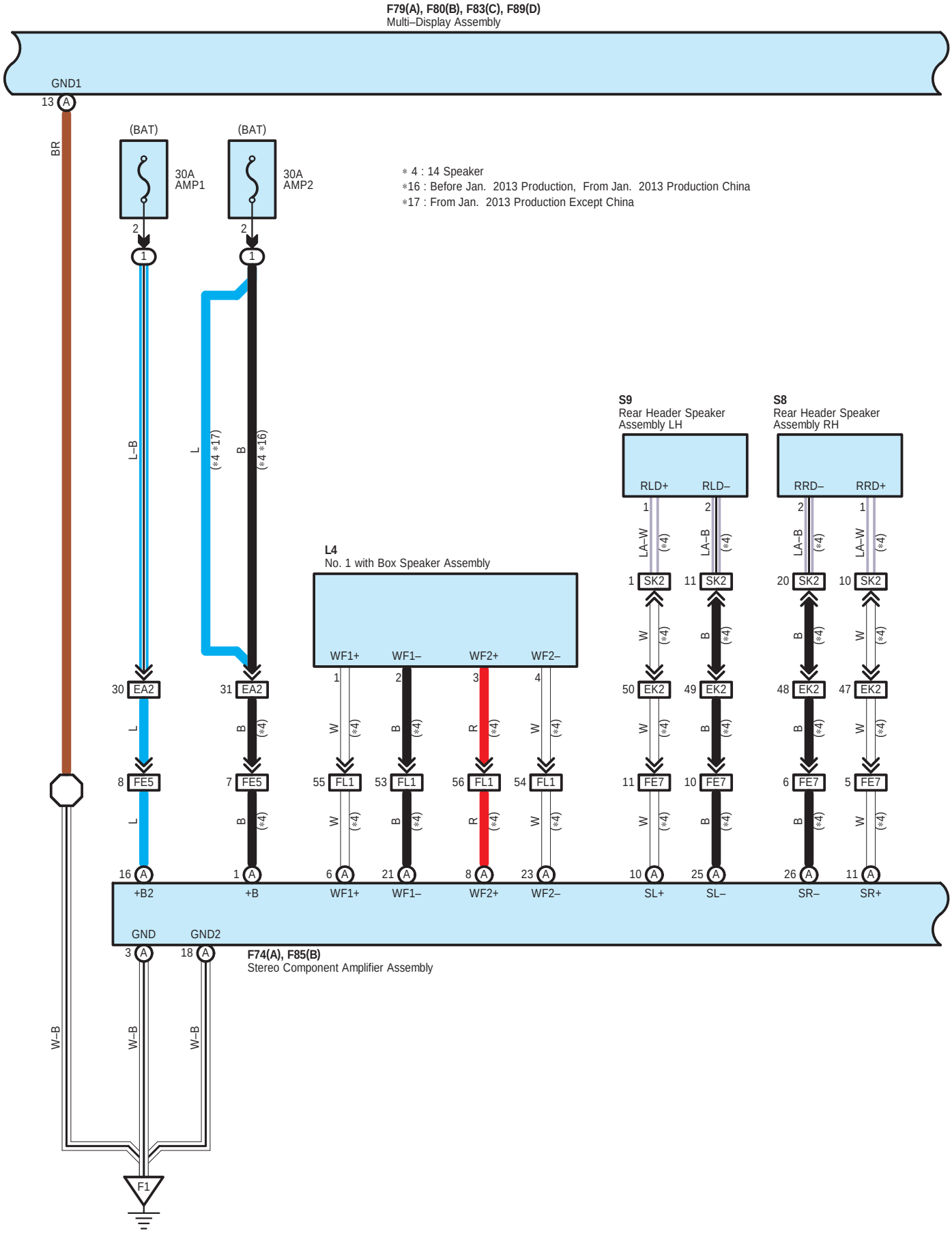
SK1
White

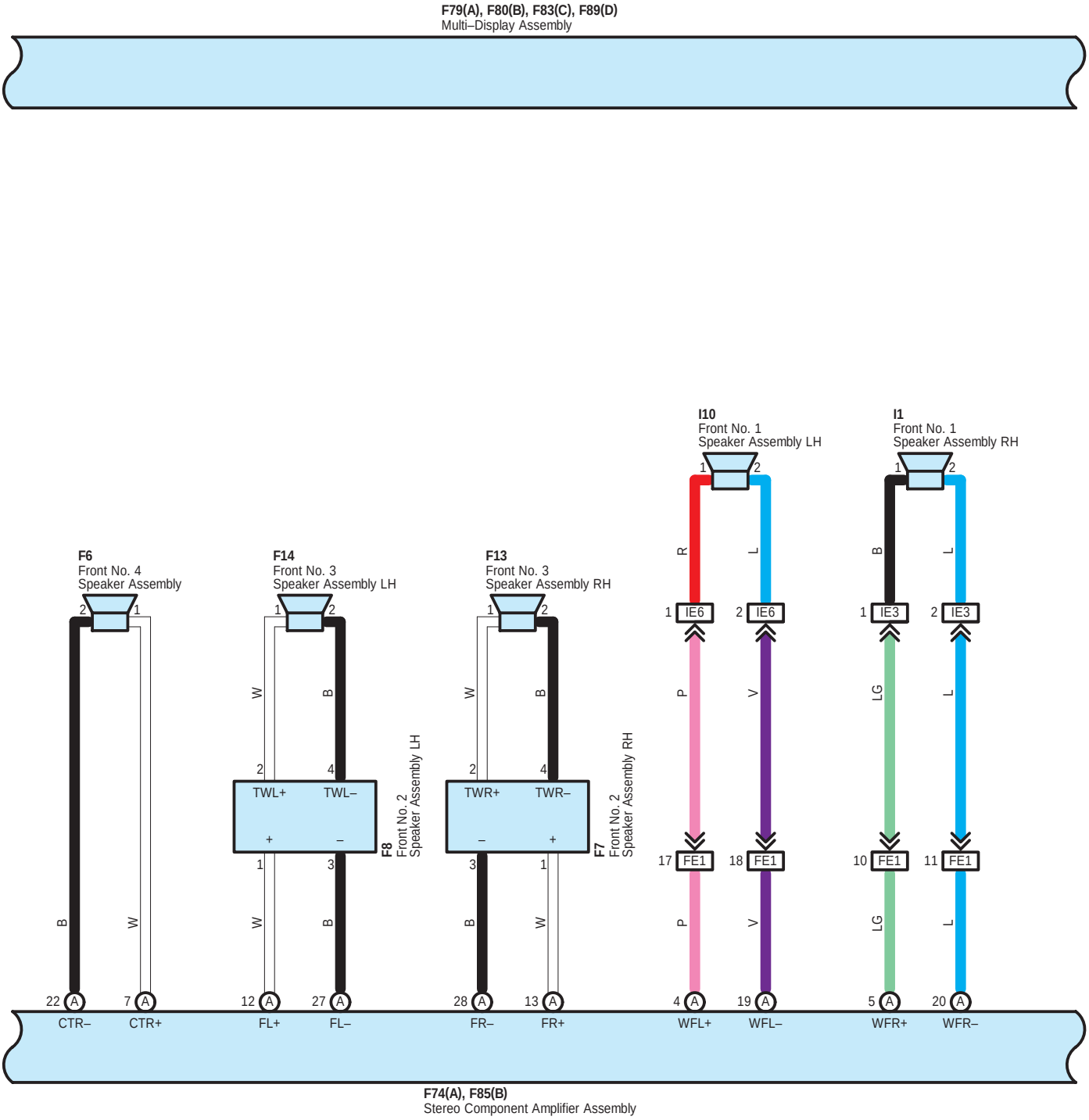


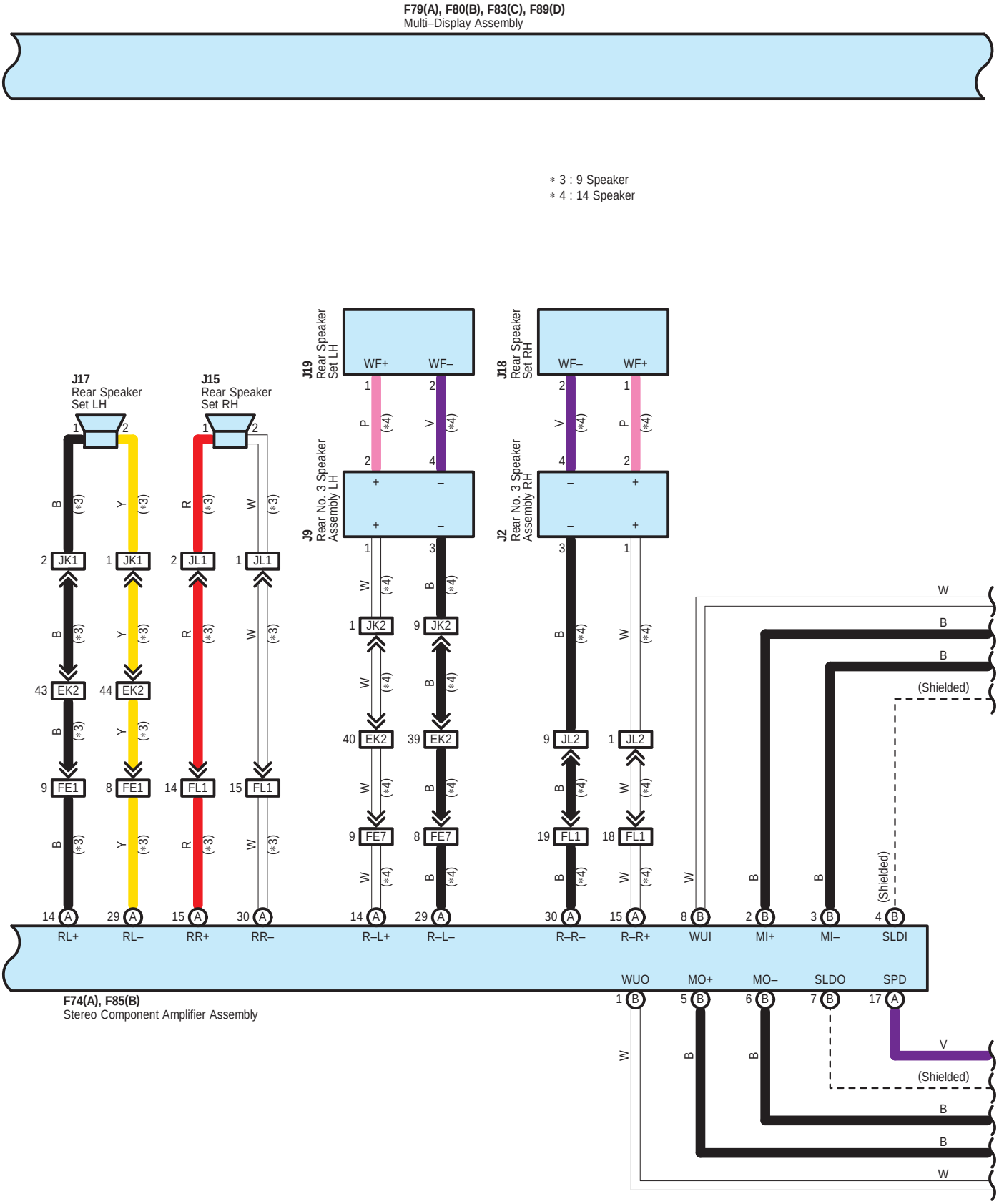

SK2
Blue
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11
mE1
White
1 2 3 4 5
5 4 3 2 1

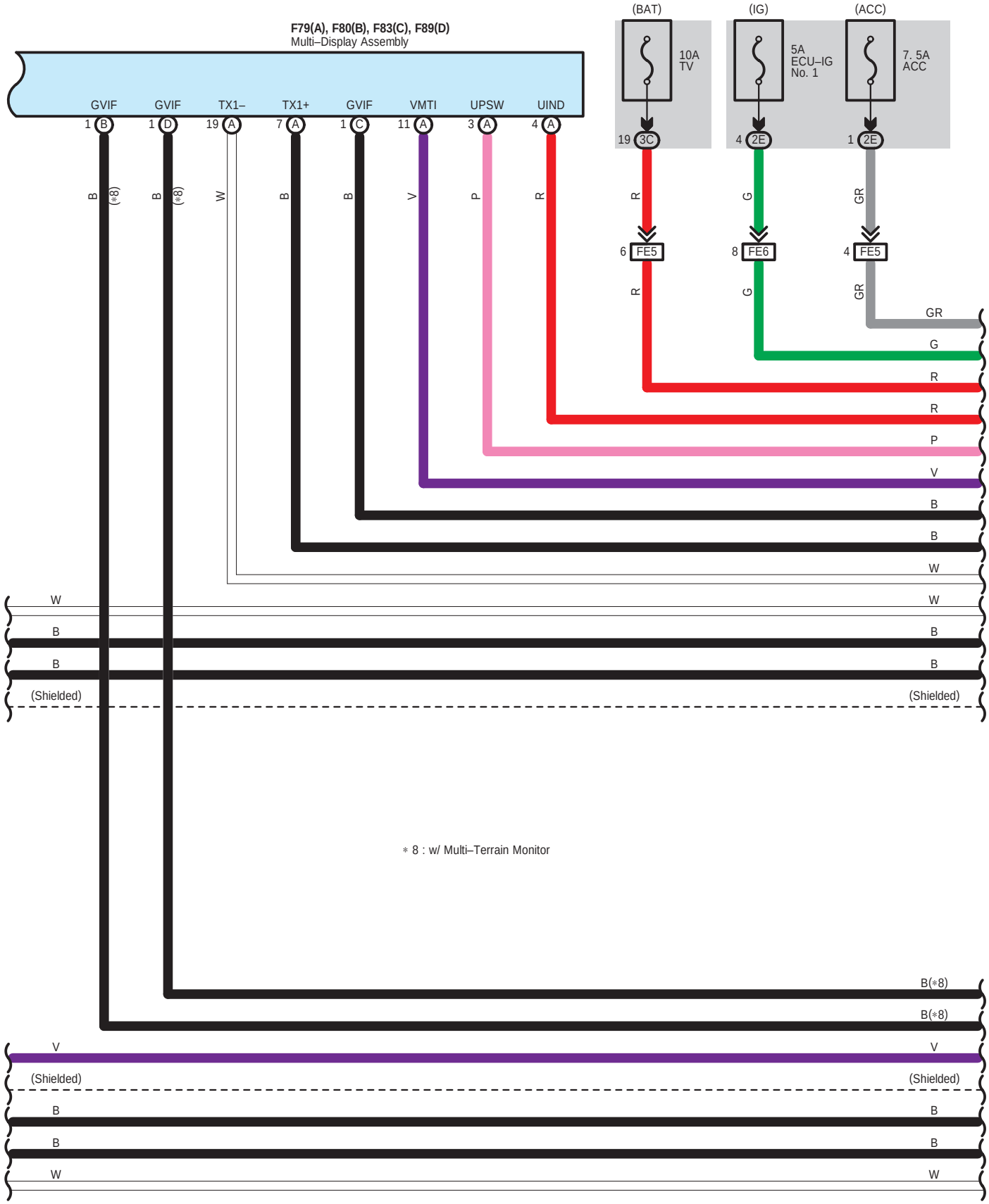
mE2
Brown
4 3 2 1
1 2 3 4

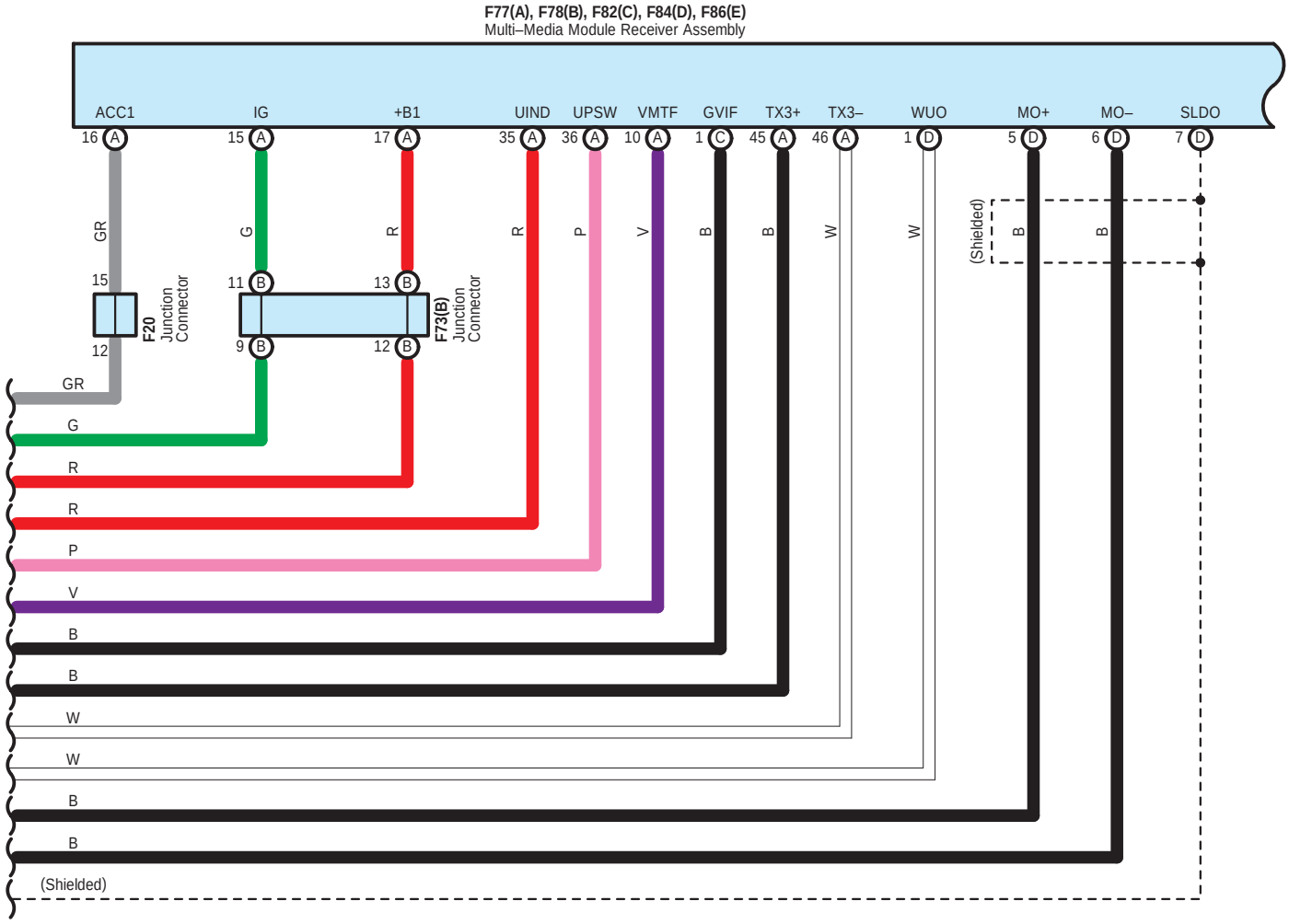

(ACC)
(IG)
(BAT)
7. 5A
ACC
5A
ECU–IG
No. 1
10A
TV
1 2E
4 2E
19 3C
GR
G
R
F79(A), F80(B), F83(C), F89(D)
Multi–Display Assembly
+B2
IG
ACC
12 A
23 A
24 A
14 B
8 B
12 B
9 B
21
12
F73(B)
Junction
Connector
F20
Junction
Connector
6 FE5
8 FE6
4 FE5


F79(A), F80(B), F83(C), F89(D)
Multi–Display Assembly
GND1
13 A
BR
(BAT)
30A
AMP1
(BAT)
30A
AMP2
2
1
∗ 4 : 14 Speaker
∗16 : Before Jan. 2013 Production, From Jan. 2013 Production China
∗17 : From Jan. 2013 Production Except China
L–B
L
(∗4 ∗17)
B
(∗4 ∗16)
L4
No. 1 with Box Speaker Assembly
WF1+
WF1–
WF2+
WF2–
S9
Rear Header Speaker
Assembly LH
RLD+
RLD–
S8
Rear Header Speaker
Assembly RH
RRD–
RRD+
LA–W
LA–B
(∗4)
SK2
EK2
FE7
30 EA2
31 EA2
8 FE5
7 FE5
55 FL1
53 FL1
56 FL1
54 FL1
50 EK2
49 EK2
48 EK2
47 EK2
11 FE7
10 FE7
6 FE7
5 FE7
16 A
1 A
6 A
21 A
8 A
23 A
10 A
25 A
26 A
11 A
+B2
+B
WF1+
WF1–
WF2+
WF2–
SL+
SL–
SR–
SR+
GND
GND2
3 A
18 A
F74(A), F85(B)
Stereo Component Amplifier Assembly
W–B
F1

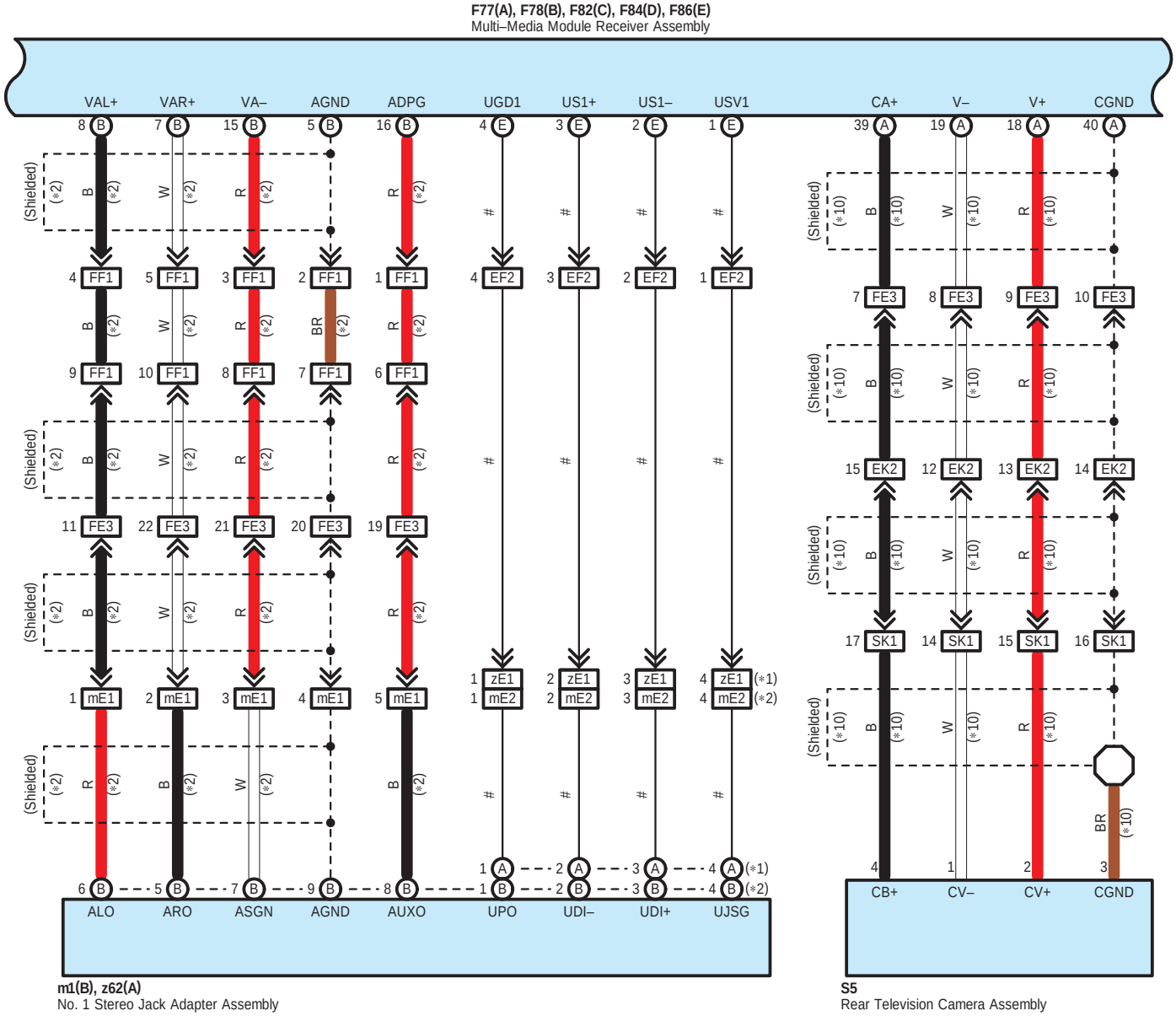

F79(A), F80(B), F83(C), F89(D)
Multi–Display Assembly
F6
Front No. 4
Speaker Assembly
F14
Front No. 3
Speaker Assembly LH
F13
Front No. 3
Speaker Assembly RH
I10
Front No. 1
Speaker Assembly LH
I1
Front No. 1
Speaker Assembly RH
F8
Front No. 2
Speaker Assembly LH
F7
Front No. 2
Speaker Assembly RH
TWL+
TWL–
TWR+
TWR–
IE6
IE3
FE1
22 A CTR–
7 A CTR+
12 A FL+
27 A FL–
28 A FR–
13 A FR+
4 A WFL+
19 A WFL–
5 A WFR+
20 A WFR–
F74(A), F85(B)
Stereo Component Amplifier Assembly


F79(A), F80(B), F83(C), F89(D)
Multi–Display Assembly
* 3 : 9 Speaker
* 4 : 14 Speaker
J17
Rear Speaker
Set LH
J15
Rear Speaker
Set RH
J19
Rear Speaker
Set LH
J18
Rear Speaker
Set RH
J9
Rear No. 3 Speaker
Assembly LH
J2
Rear No. 3 Speaker
Assembly RH
WF+
WF–
JK1
JL1
JK2
EK2
FE1
FL1
FE7
JL2
RL+
RL–
RR+
RR–
R–L+
R–L–
R–R–
R–R+
WUI
MI+
MI–
SLDI
(Shielded)
F74(A), F85(B)
Stereo Component Amplifier Assembly
WUO
MO+
MO–
SLDO
SPD

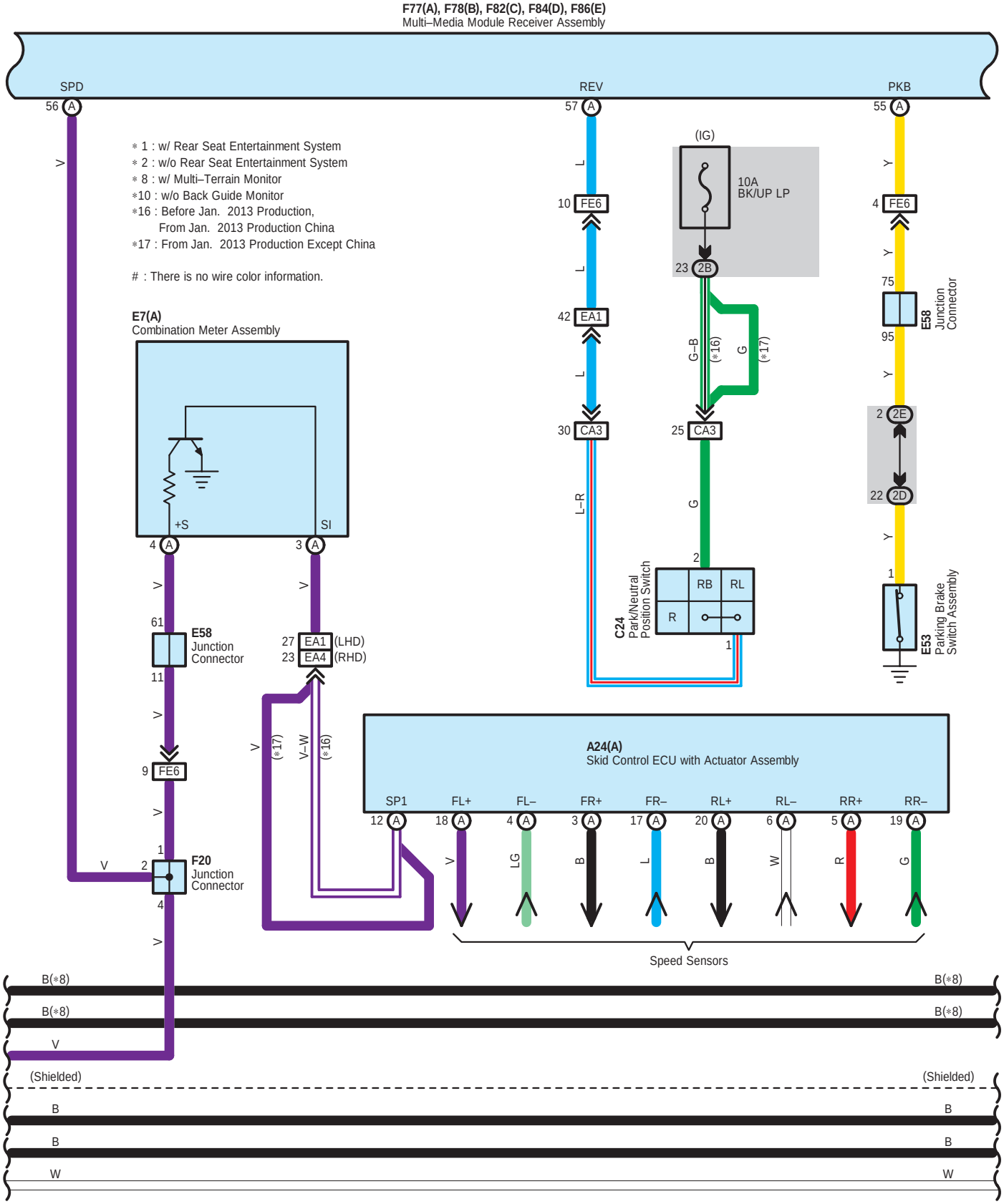

F79(A), F80(B), F83(C), F89(D)
Multi–Display Assembly
GVIF
GVIF
TX1–
TX1+
GVIF
VMTI
UPSW
UIND
1 B
1 D
19 A
7 A
1 C
11 A
3 A
4 A
(BAT)
(IG)
(ACC)
10A
TV
5A
ECU–IG
No. 1
7. 5A
ACC
19 3C
4 2E
1 2E
6 FE5
8 FE6
4 FE5
B (∗8)
B (∗8)
W
B
B
V
P
R
R
G
GR
R
G
GR
GR
G
R
R
P
V
B
B
W
W
B
B
(Shielded)
(Shielded)
∗ 8 : w/ Multi–Terrain Monitor
B(∗8)
B(∗8)
V
V
(Shielded)
(Shielded)
B
B
B
B
W
W

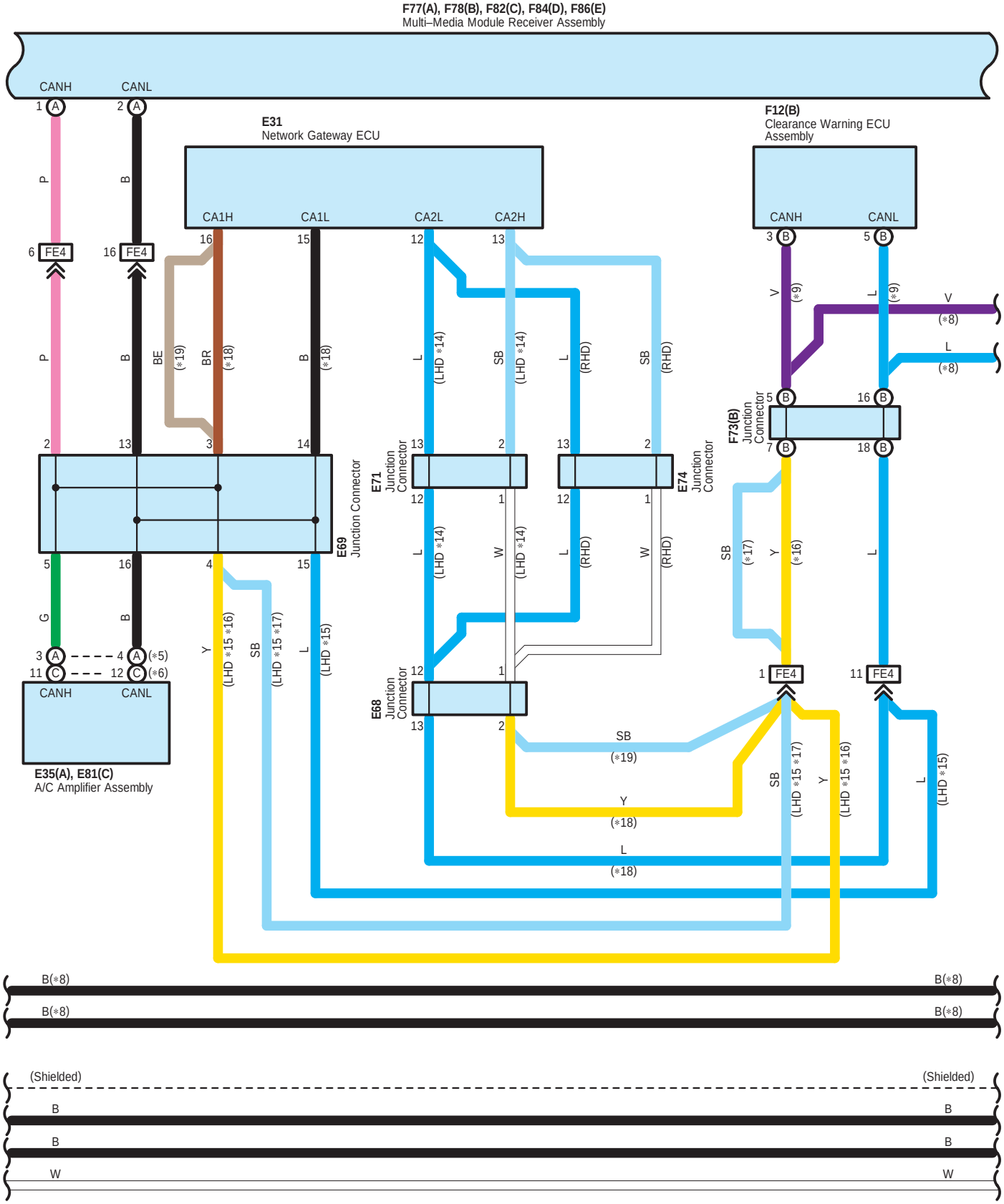

F77(A), F78(B), F82(C), F84(D), F86(E)
Multi–Media Module Receiver Assembly
ACC1
IG
+B1
UIND
UPSW
VMTF
GVIF
TX3+
TX3–
WUO
MO+
MO–
SLDO
16 A
15 A
17 A
35 A
36 A
10 A
1 C
45 A
46 A
1 D
5 D
6 D
7 D
GR
G
R
R
P
V
B
B
W
W
B
B
(Shielded)
15
12
F20
Junction Connector
11 B
13 B
9 B
12 B
F73(B)
Junction Connector

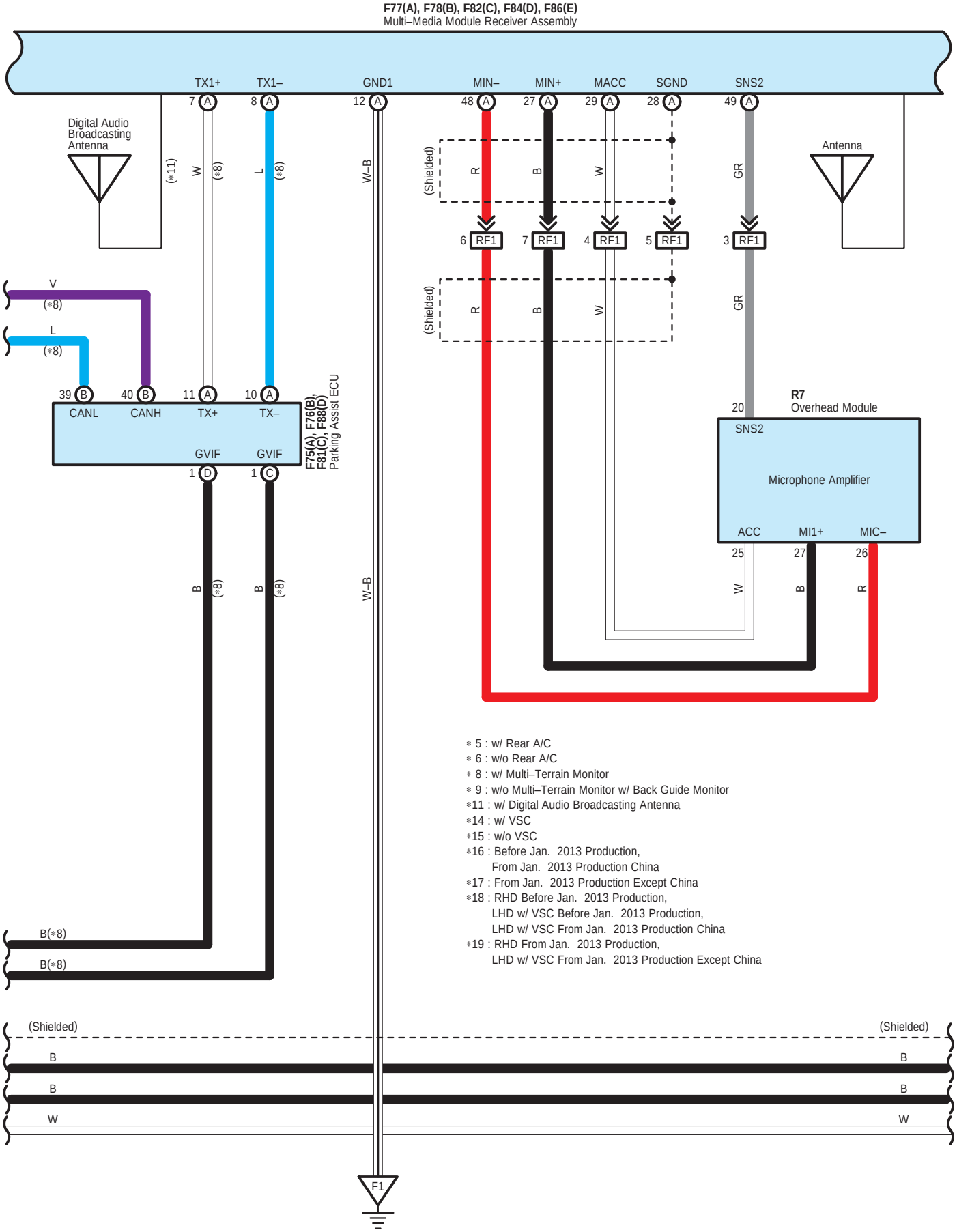

B(∗8)
B(∗8)
V
(Shielded)
B
B
W
B(∗8)
B(∗8)
V
(Shielded)
B
B
W

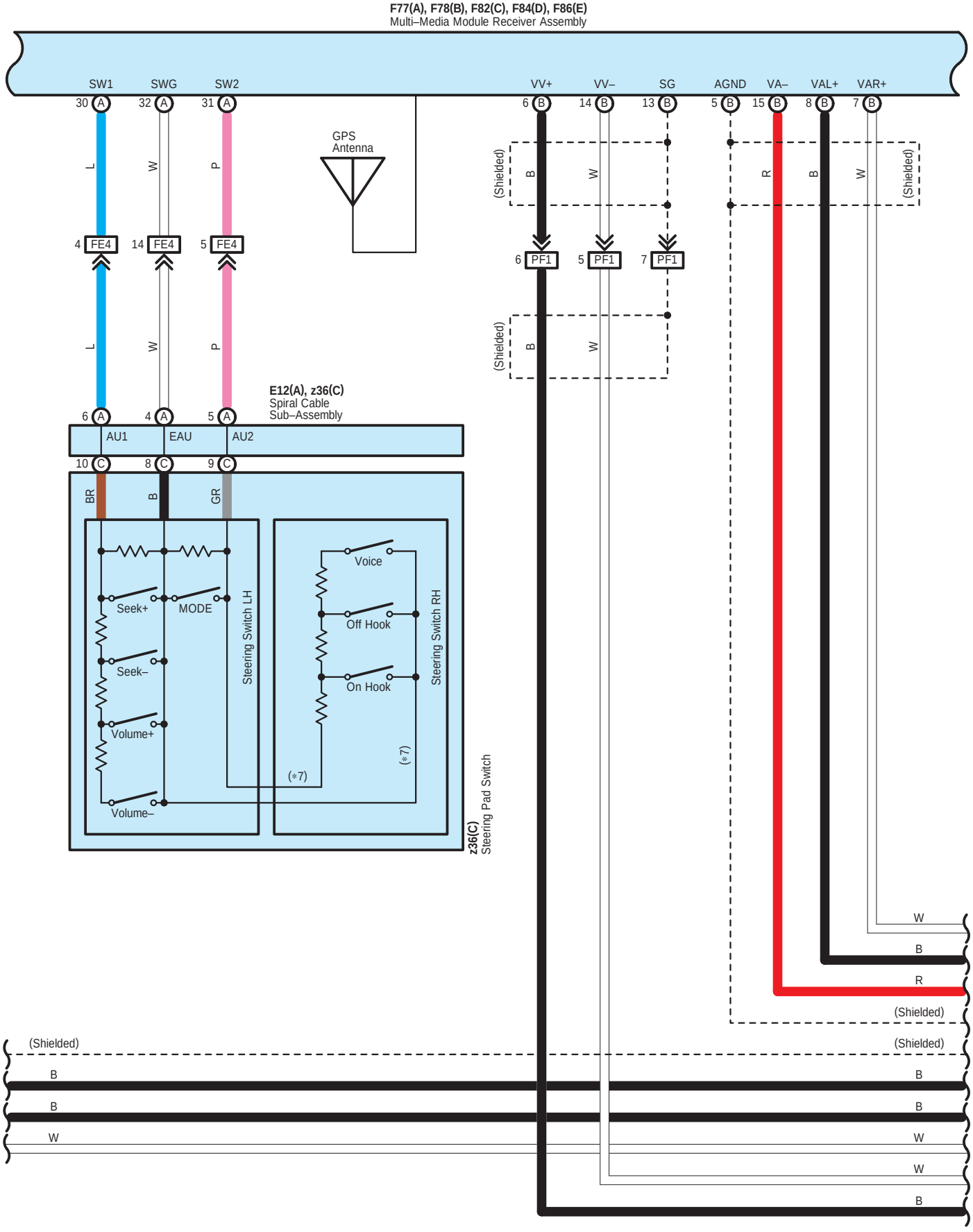

F77(A), F78(B), F82(C), F84(D), F86(E)
Multi–Media Module Receiver Assembly
VAL+
VAR+
VA–
AGND
ADPG
UGD1
US1+
US1–
USV1
CA+
V–
V+
CGND
(Shielded)
FF1
FE3
EF2
zE1
mE1
EK2
SK1
ALO
ARO
ASGN
AGND
AUXO
UPO
UDI–
UDI+
UJSG
CB+
CV–
CV+
CGND
m1(B), z62(A)
No. 1 Stereo Jack Adapter Assembly
S5
Rear Television Camera Assembly

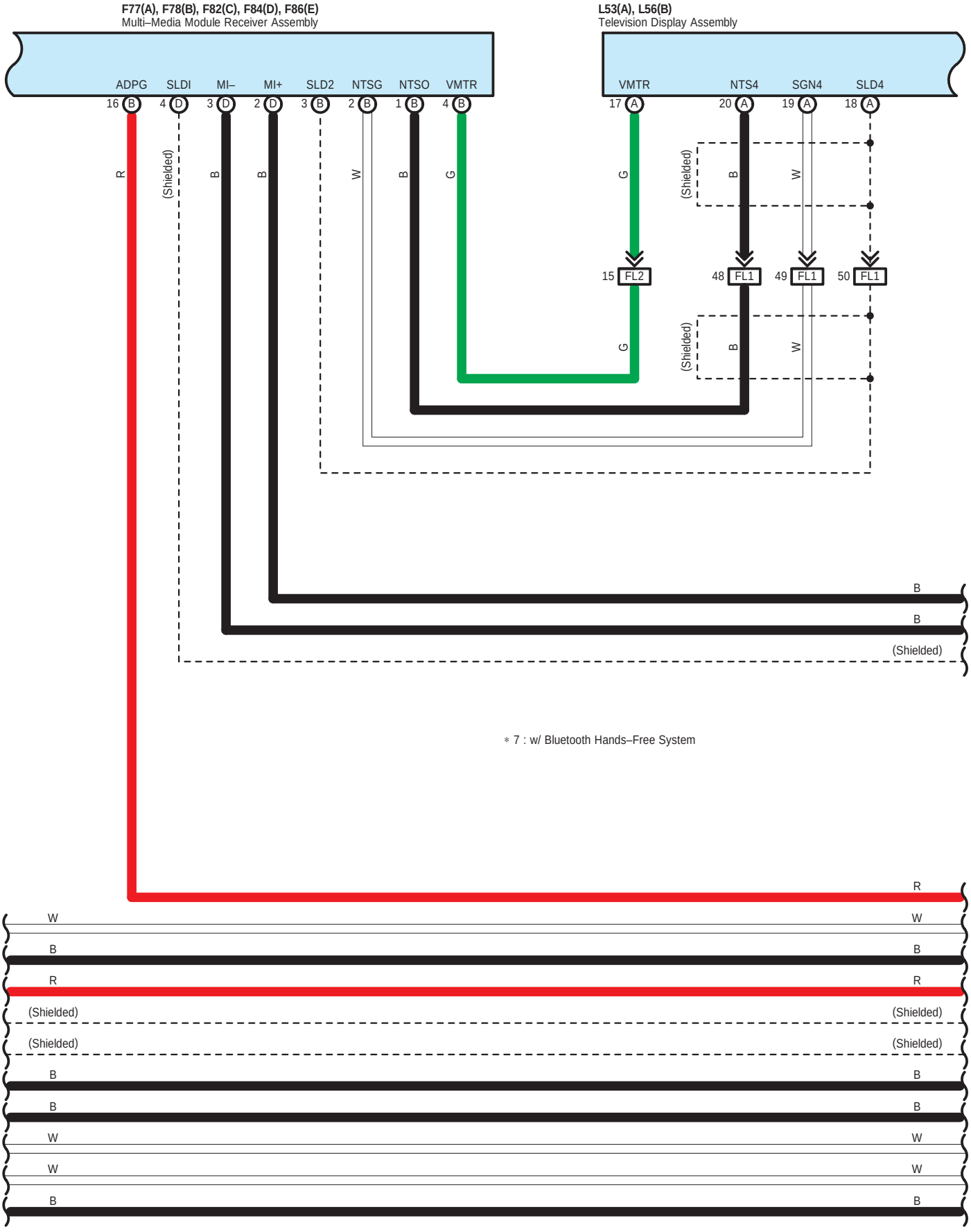

B(∗8)
V
(Shielded)
B
W


F77(A), F78(B), F82(C), F84(D), F86(E)
Multi–Media Module Receiver Assembly
SPD
REV
PKB
56 A
57 A
55 A
∗ 1 : w/ Rear Seat Entertainment System
∗ 2 : w/o Rear Seat Entertainment System
∗ 8 : w/ Multi–Terrain Monitor
∗10 : w/o Back Guide Monitor
∗16 : Before Jan. 2013 Production, From Jan. 2013 Production China
∗17 : From Jan. 2013 Production Except China
: There is no wire color information.
(IG)
10A BK/UP LP
23 2B
10 FE6
42 EA1
30 CA3
25 CA3
4 FE6
75
95
E58 Junction Connector
2 2E
22 2D
1
E53 Parking Brake Switch Assembly
2
RB RL R
1
C24 Park/Neutral Position Switch
E7(A)
Combination Meter Assembly
+S SI
4 A 3 A
61
E58 Junction Connector
11
27 EA1 (LHD)
23 EA4 (RHD)
9 FE6
1
2 F20 Junction Connector
4
A24(A)
Skid Control ECU with Actuator Assembly
SP1 FL+ FL– FR+ FR– RL+ RL– RR+ RR–
12 A 18 A 4 A 3 A 17 A 20 A 6 A 5 A 19 A
Speed Sensors
B(∗8)
B(∗8)
V
(Shielded)
B
B
W

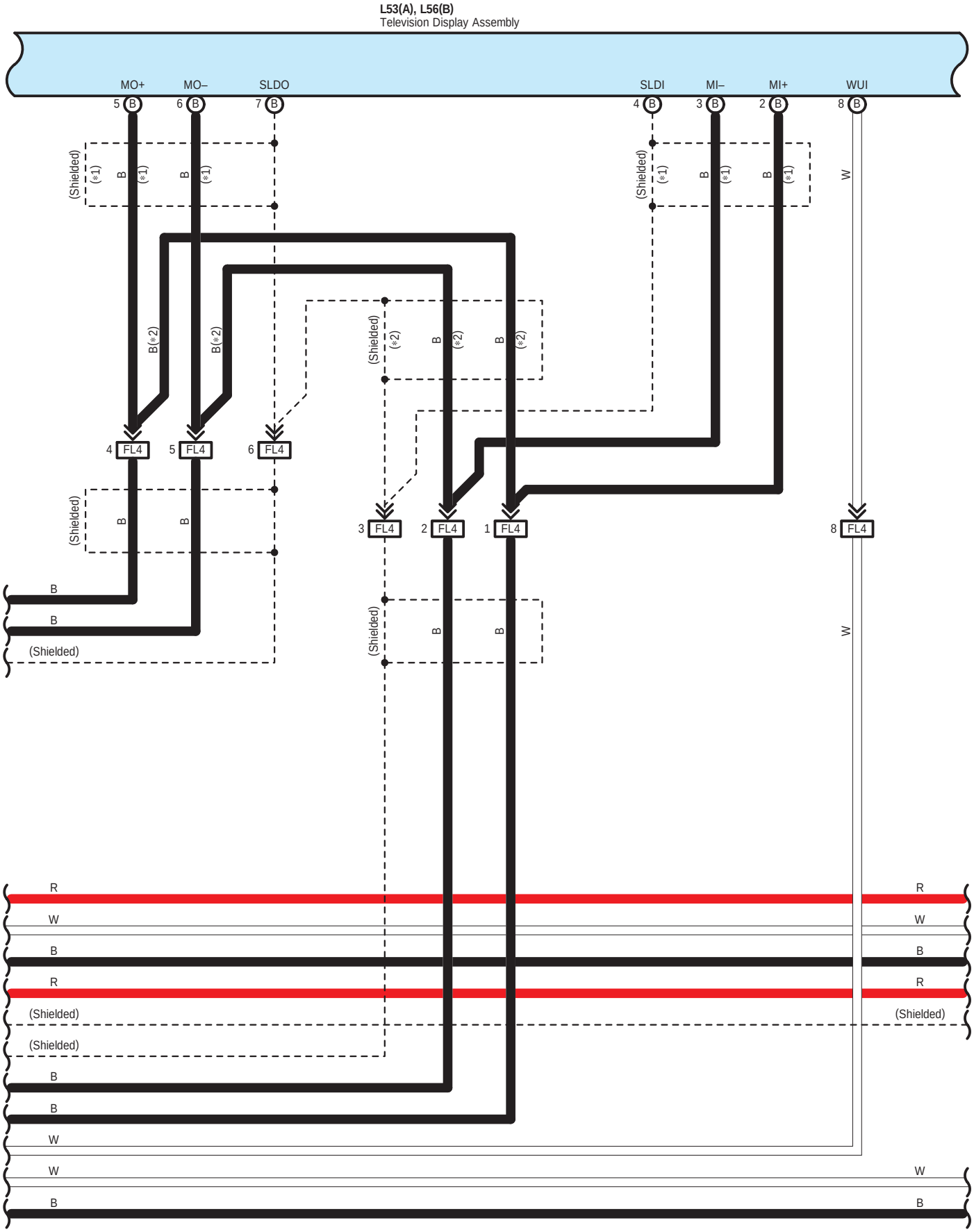

F77(A), F78(B), F82(C), F84(D), F86(E)
Multi–Media Module Receiver Assembly
CANH
CANL
E31
Network Gateway ECU
CA1H
CA1L
CA2L
CA2H
F12(B)
Clearance Warning ECU Assembly
E69 Junction Connector
E71 Junction Connector
E74 Junction Connector
F73(B) Junction Connector
E68 Junction Connector
E35(A), E81(C)
A/C Amplifier Assembly
FE4
(LHD *14)
(RHD)
(LHD *15 *16)
(LHD *15 *17)
(LHD *15)
(*19)
(*18)
(*9)
(*8)
(*17)
(*16)
(*5)
(*6)
B(*8)
(Shielded)

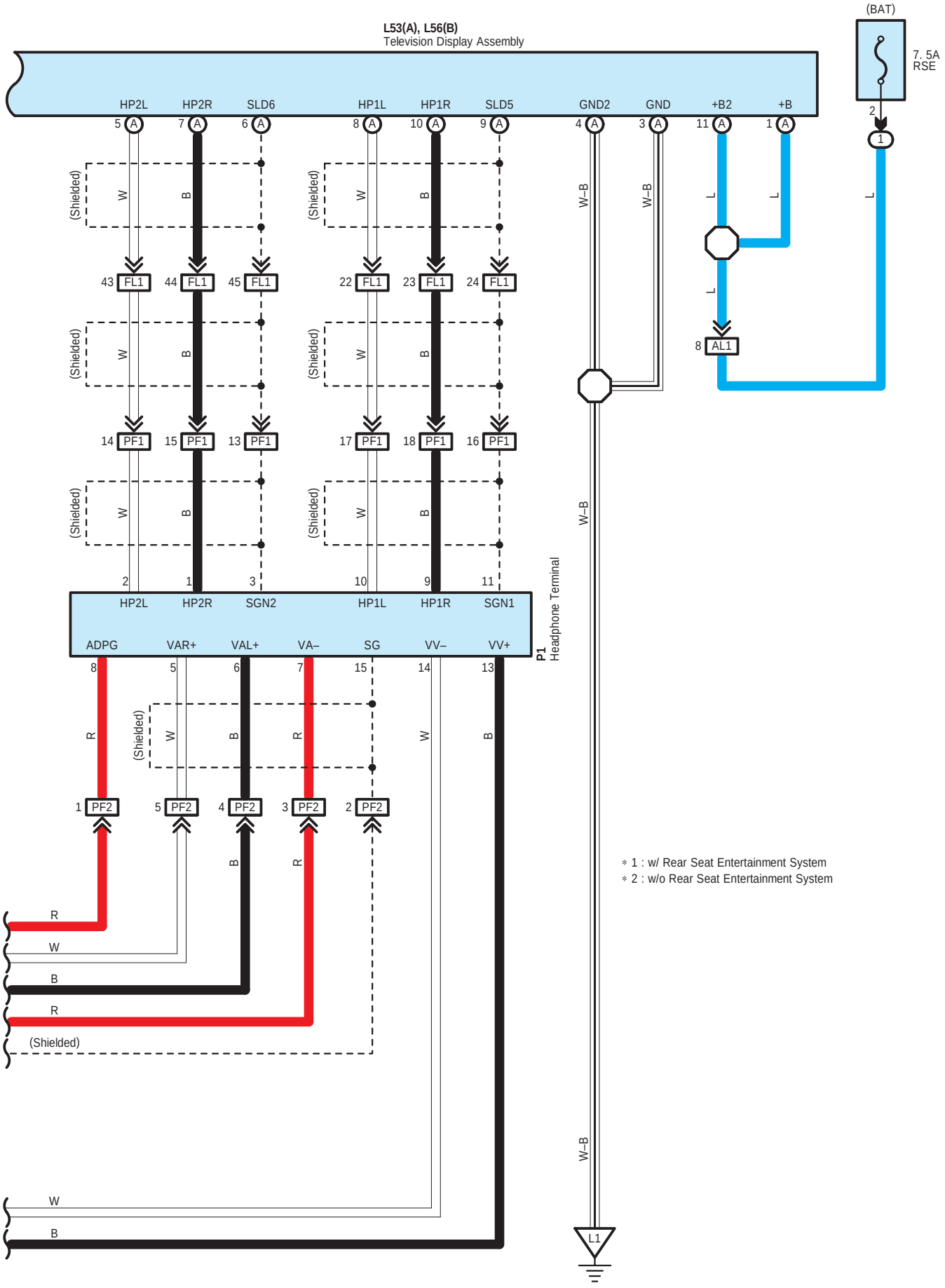

F77(A), F78(B), F82(C), F84(D), F86(E)
Multi–Media Module Receiver Assembly
TX1+
TX1–
GND1
MIN–
MIN+
MACC
SGND
SNS2
Digital Audio Broadcasting Antenna
Antenna
(Shielded)
RF1
R7
Overhead Module
SNS2
Microphone Amplifier
ACC
MI1+
MIC–
CANL
CANH
TX+
TX–
GVIF
F75(A), F76(B), F81(C), F88(D)
Parking Assist ECU
W–B
B(∗8)
(Shielded)
F1
∗ 5 : w/ Rear A/C
∗ 6 : w/o Rear A/C
∗ 8 : w/ Multi–Terrain Monitor
∗ 9 : w/o Multi–Terrain Monitor w/ Back Guide Monitor
∗11 : w/ Digital Audio Broadcasting Antenna
∗14 : w/ VSC
∗15 : w/o VSC
∗16 : Before Jan. 2013 Production,
From Jan. 2013 Production China
∗17 : From Jan. 2013 Production Except China
∗18 : RHD Before Jan. 2013 Production,
LHD w/ VSC Before Jan. 2013 Production,
LHD w/ VSC From Jan. 2013 Production China
∗19 : RHD From Jan. 2013 Production,
LHD w/ VSC From Jan. 2013 Production Except China


F77(A), F78(B), F82(C), F84(D), F86(E)
Multi–Media Module Receiver Assembly
SW1
SWG
SW2
VV+
VV–
SG
AGND
VA–
VAL+
VAR+
GPS Antenna
E12(A), z36(C)
Spiral Cable Sub–Assembly
AU1
EAU
AU2
Seek+
MODE
Seek–
Volume+
Volume–
Steering Switch LH
Voice
Off Hook
On Hook
Steering Switch RH
(*7)
z36(C)
Steering Pad Switch
(Shielded)

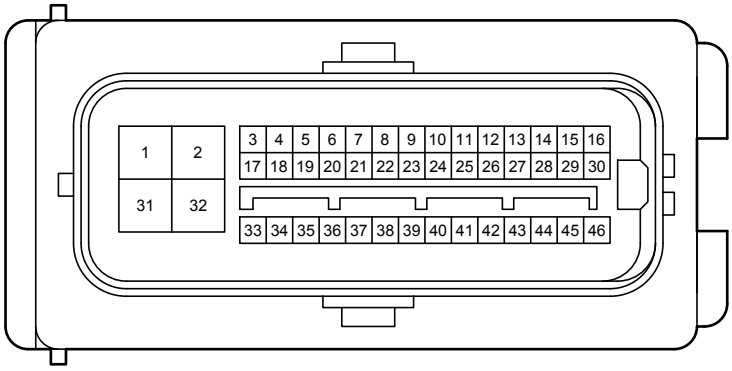


∗ 7 : w/ Bluetooth Hands–Free System

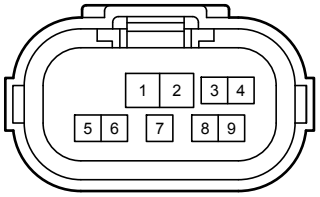

L53(A), L56(B)
Television Display Assembly
MO+
MO–
SLDO
SLDI
MI–
MI+
WUI
5 B
6 B
7 B
4 B
3 B
2 B
8 B
(Shielded)
(*1)
B
W
B(*2)
(*2)
4 FL4
5 FL4
6 FL4
3 FL4
2 FL4
1 FL4
8 FL4
R
W
B
(Shielded)


L53(A), L56(B)
Television Display Assembly
HP2L
HP2R
SLD6
HP1L
HP1R
SLD5
GND2
GND
+B2
+B
(BAT)
7. 5A
RSE
(Shielded)
FL1
PF1
AL1
HP2L
HP2R
SGN2
HP1L
HP1R
SGN1
P1
Headphone Terminal
ADPG
VAR+
VAL+
VA–
SG
VV–
VV+
PF2
W–B
R
W
B
L
＊1 : w/ Rear Seat Entertainment System
＊2 : w/o Rear Seat Entertainment System

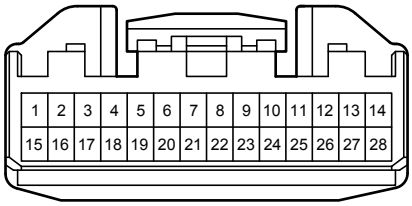
A 24
Black



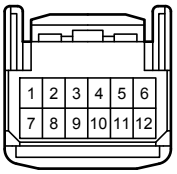
C 24
Gray



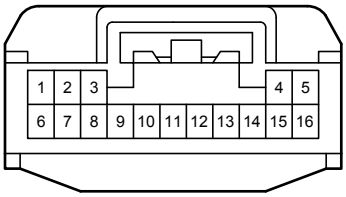
E 7
White



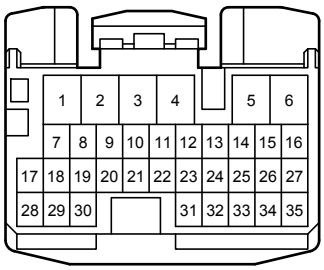
E 12
Black



E 31
White



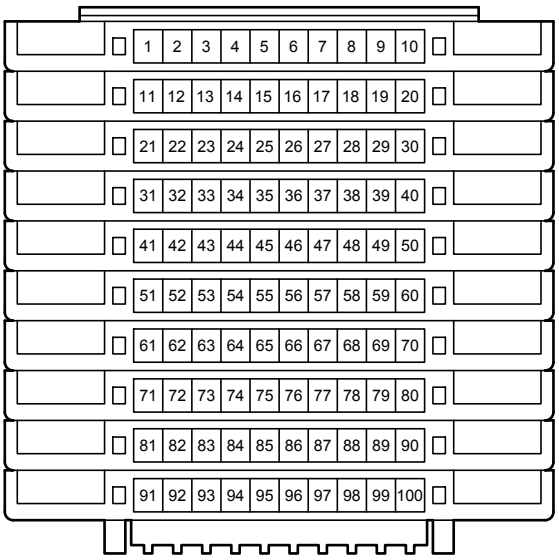
E 35
White



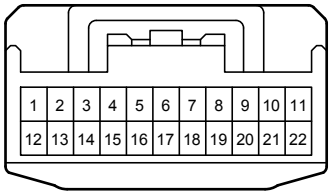
E 53
White



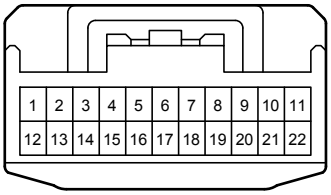
E 58



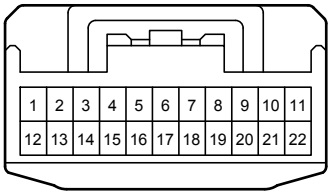
E 68
Gray



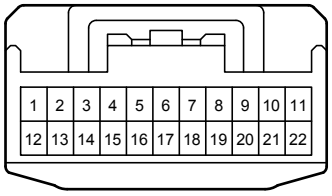
E 69
Gray



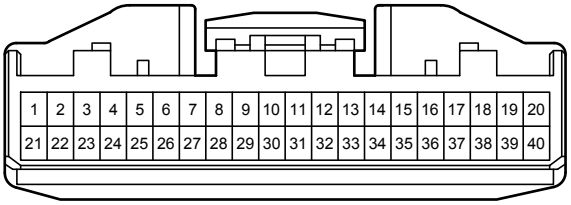
E 71
Gray



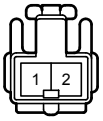
E 74
Gray



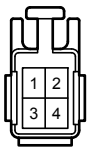
E 81
White



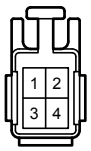
F 6
White



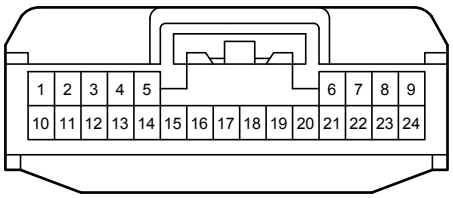
F 7
White



F 8
White

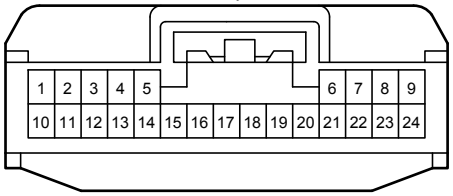


F 12
White



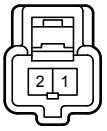
(Before Aug. 2007 Production)

F 12
Gray

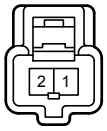


(From Aug. 2007 Production)

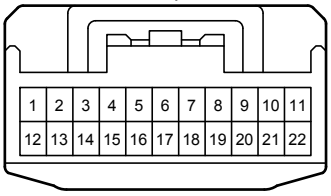
F 13
White



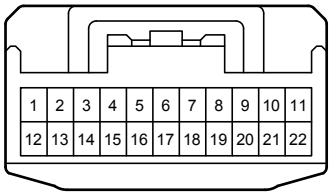
F 14
White



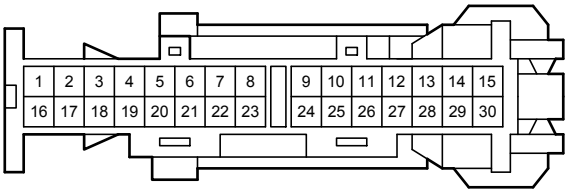
F 20
Gray



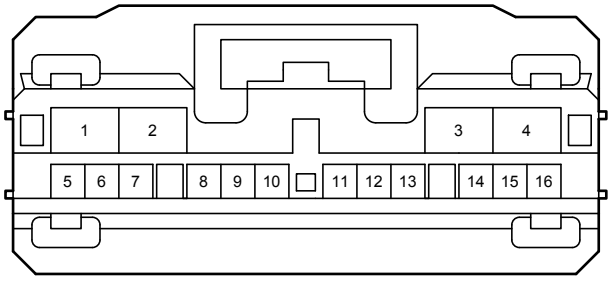
F 73
Blue



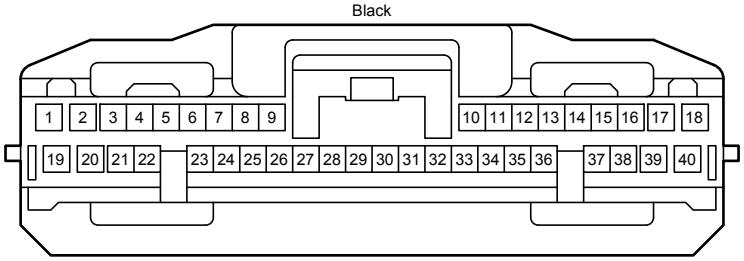
F 74
White



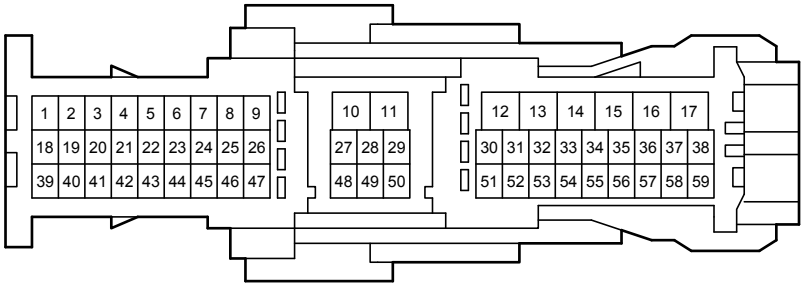
F 75
White



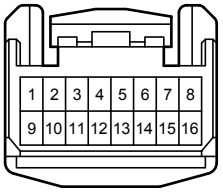
F 76
Black



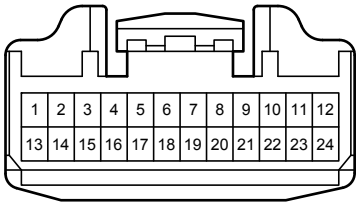
F 77
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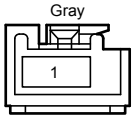
F 78
White



F 79
White



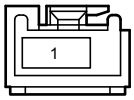
F 80
Gray



F 81
White



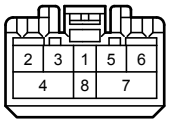
F 82
Blue



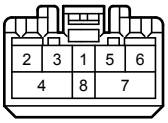
F 83
Blue



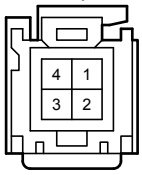
F 84
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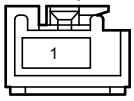
F 85
White



F 86
Gray



F 88
Gray



F 89
White



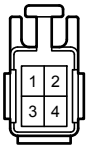
I 1
White



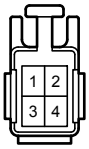
I 10
White



J 2
Black



J 9
Black



J 15
White



J 17
White



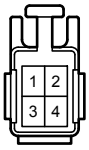
J 18
Black



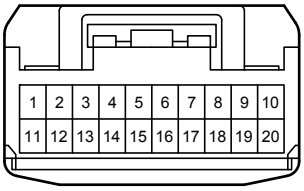
J 19
Black



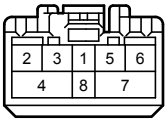
L 4
White



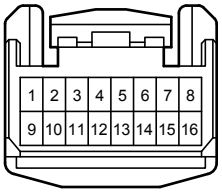
L 53
White



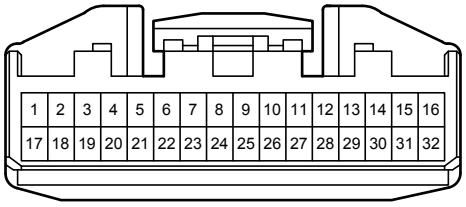
L 56
Brown



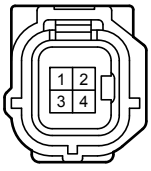
P 1
White



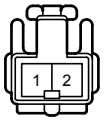
R 7
White



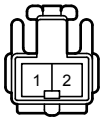
S 5
Black



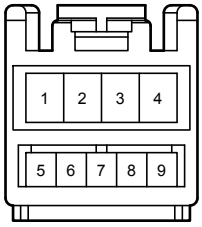
S 8
Black



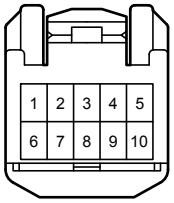
S 9
Black



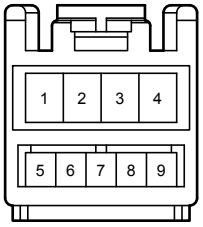
m 1
Black



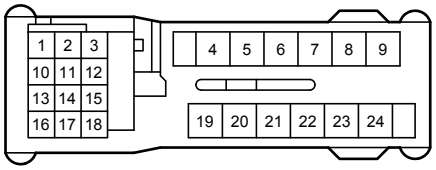
z 36
White



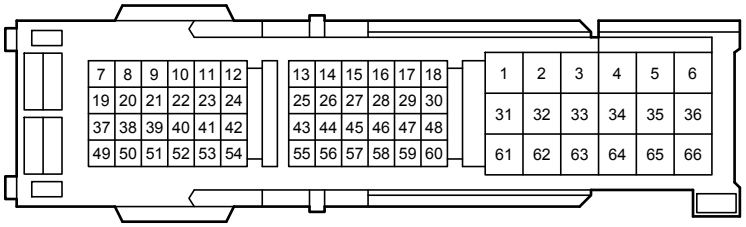
z 62
Black



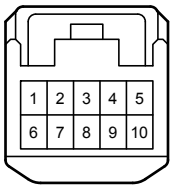
2B
White



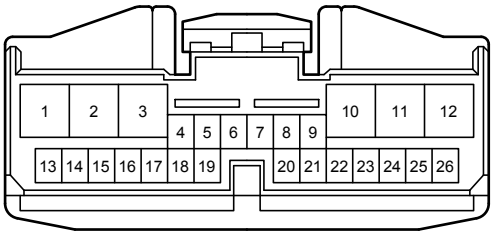
2D
White



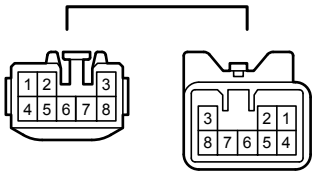
2E
White



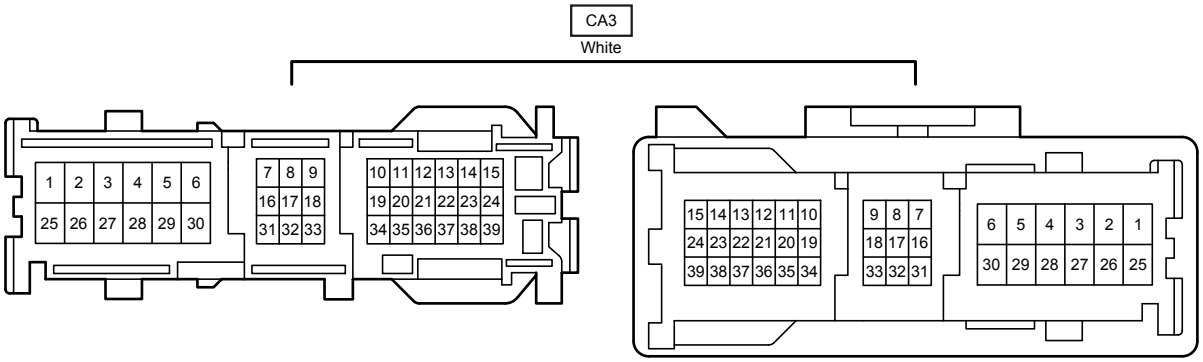
3C
White



AL1
White

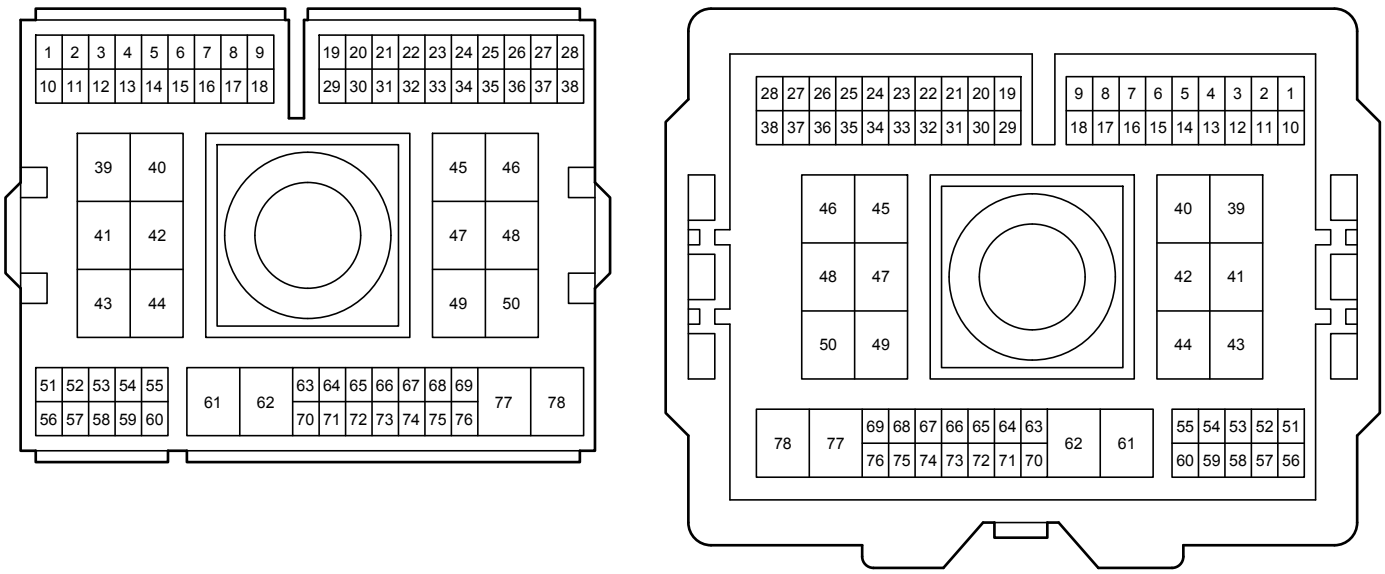


CA3
White



EA1

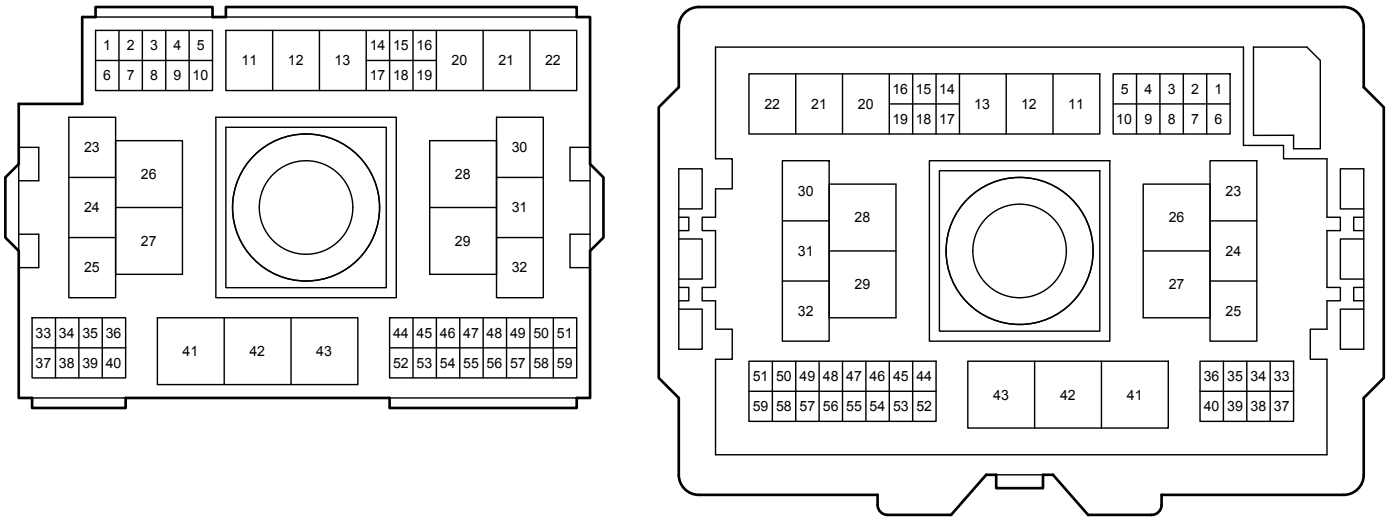
White



EA2

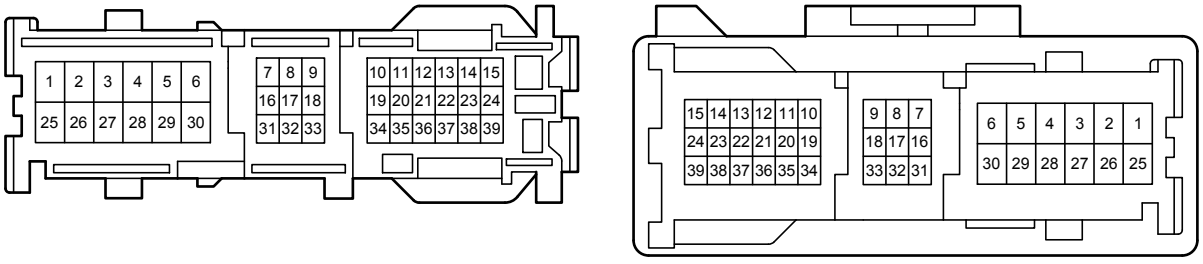
White

Gray

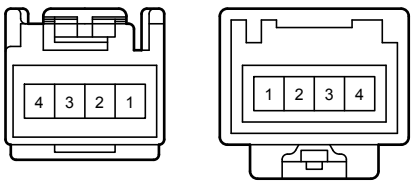


EA4

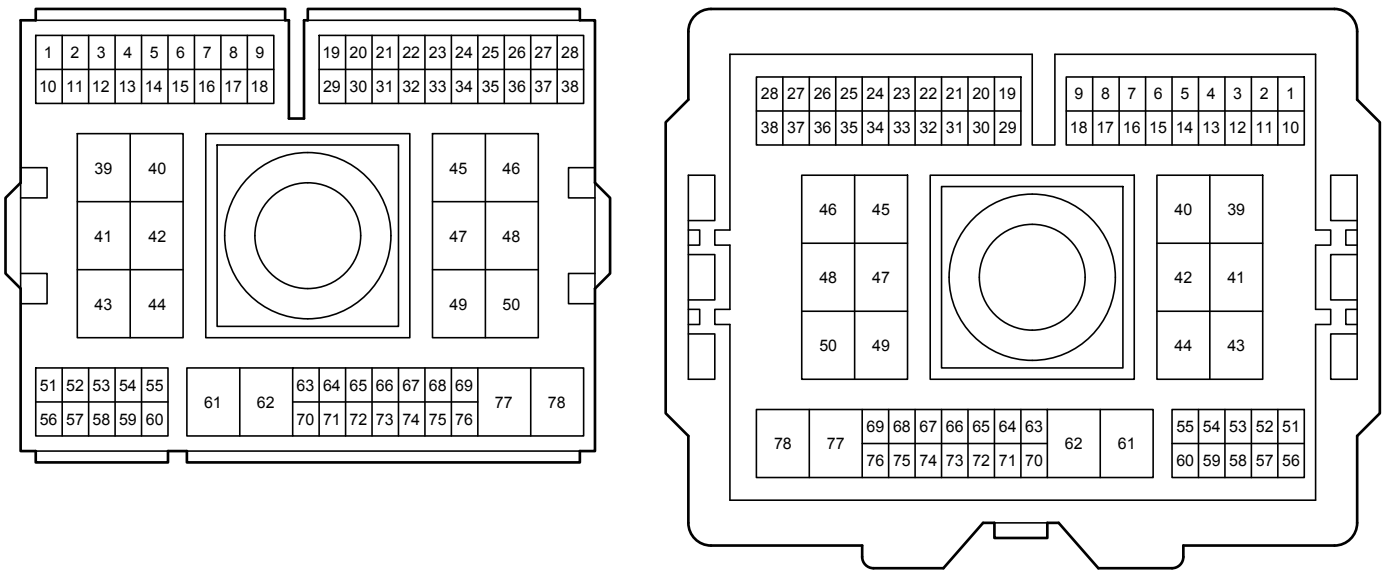
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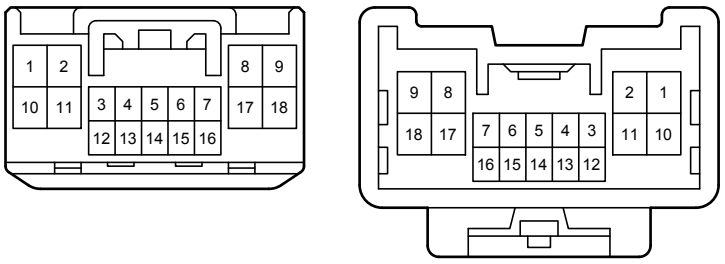
EF2
Brown



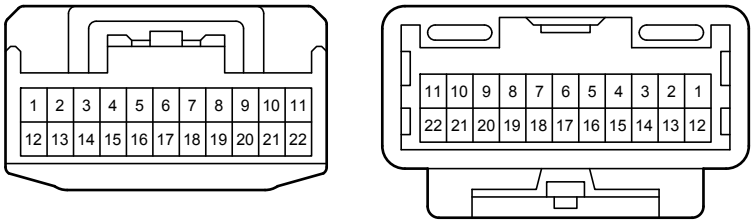
EK2
White



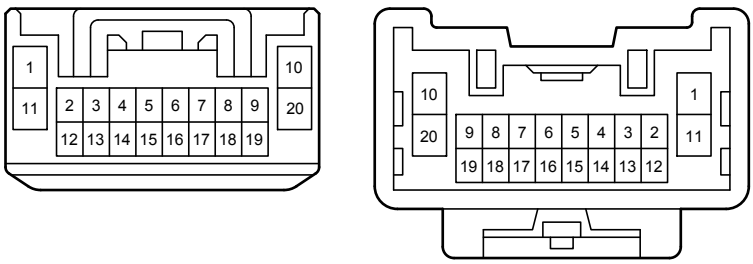
FE1
White



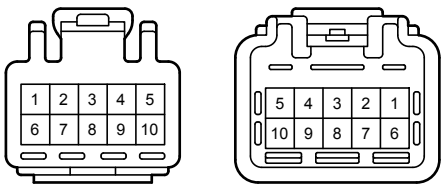
FE3
White



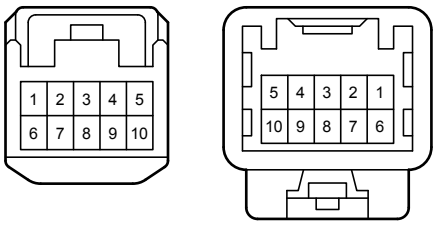
FE4
White



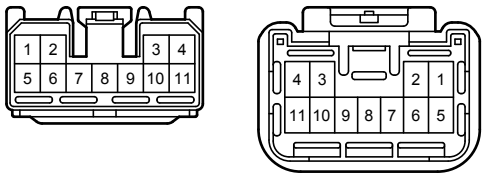
FE5
White



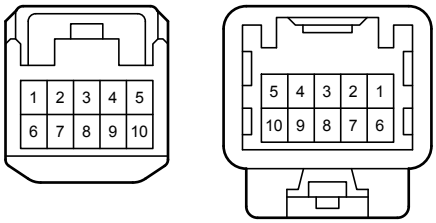
FE6
White



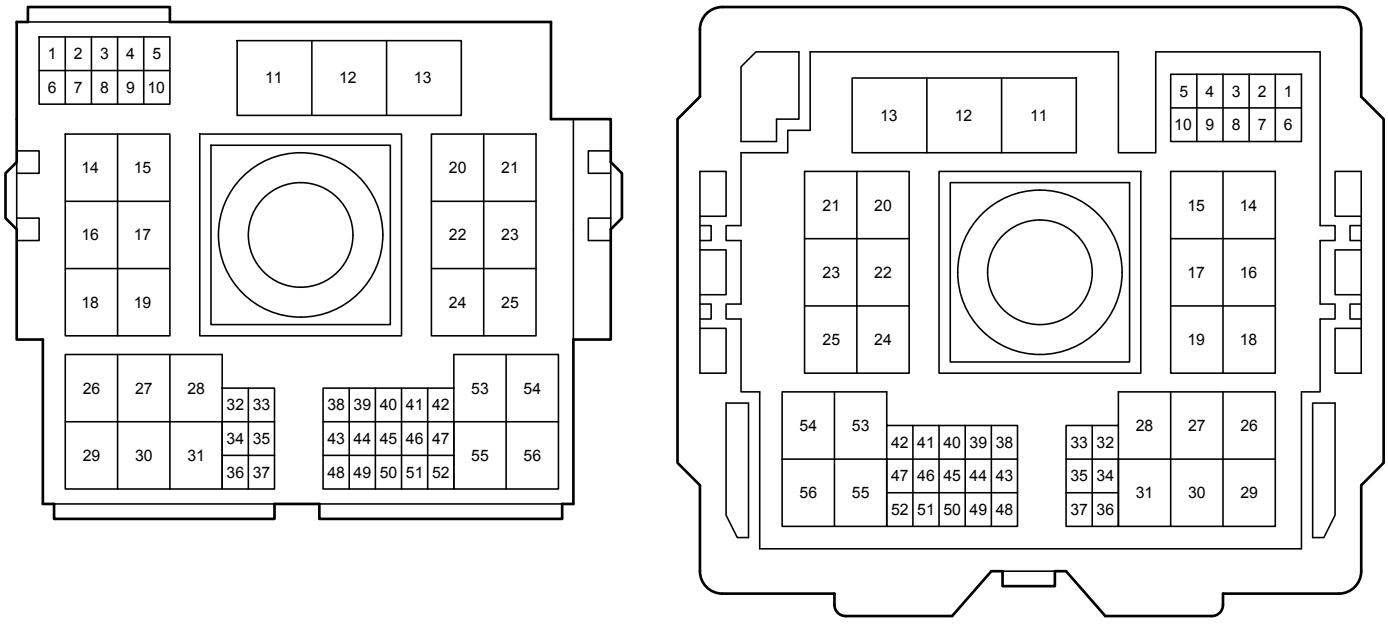
FE7
White



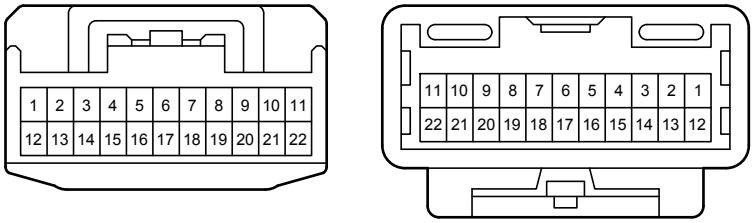
FF1
White



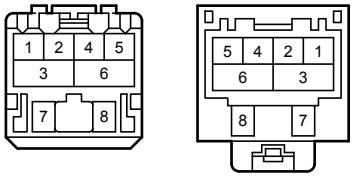
FL1
White Blue



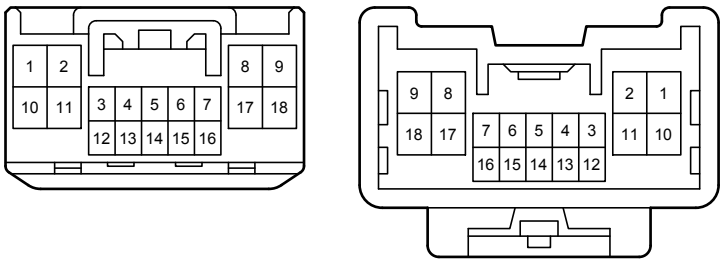
FL2
Blue



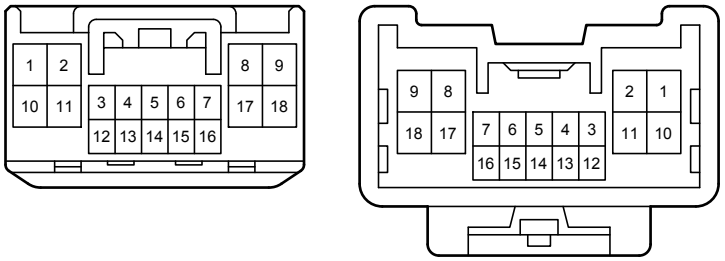
FL4
Gray



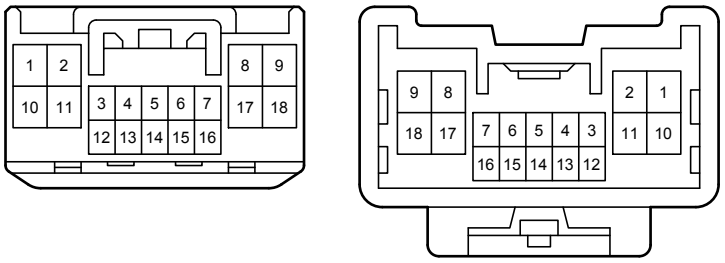
IE3
White



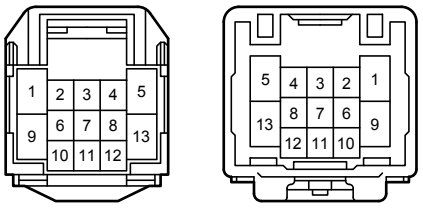
IE6
White



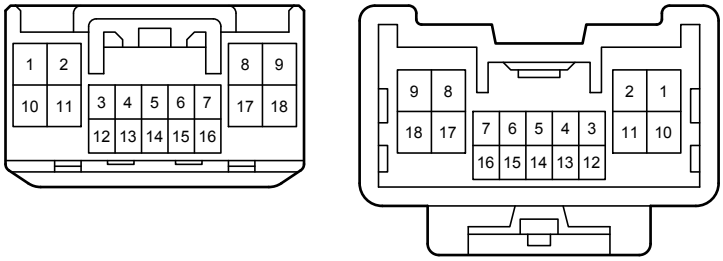
JK1
White



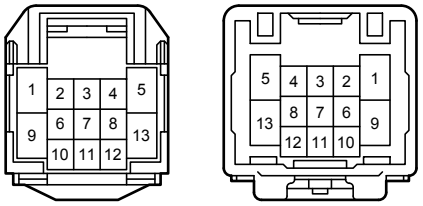
JK2
White



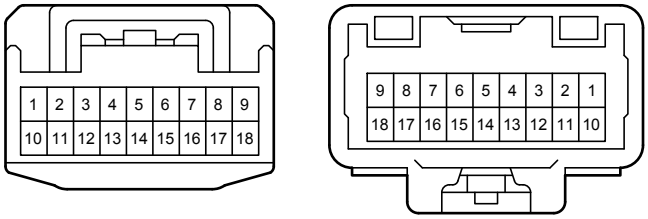
JL1
White



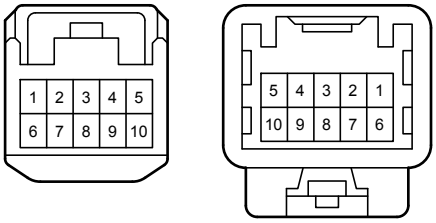
JL2
White



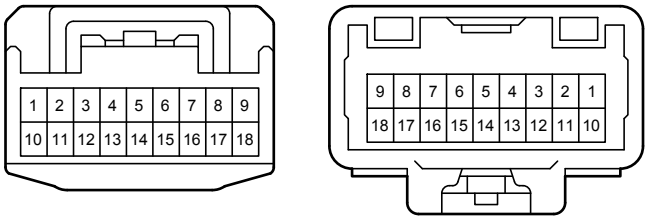
PF1
White



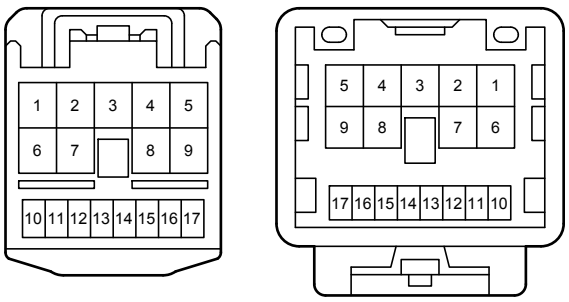
PF2
White

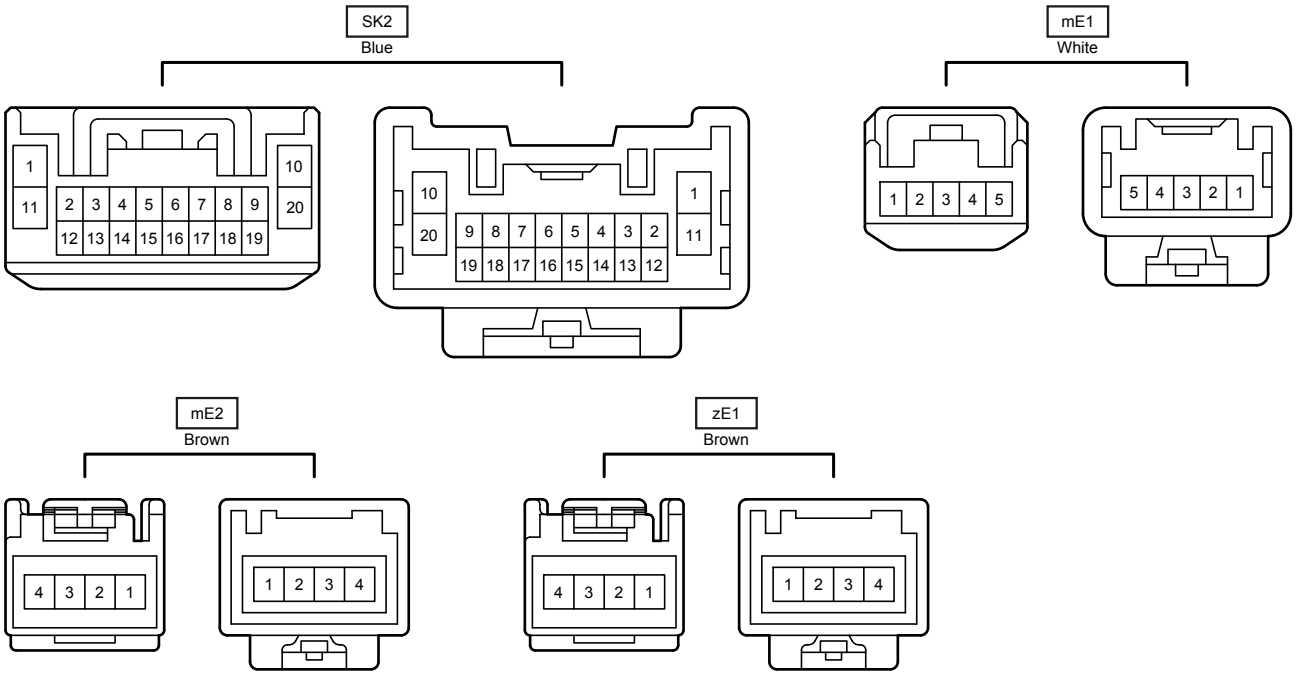


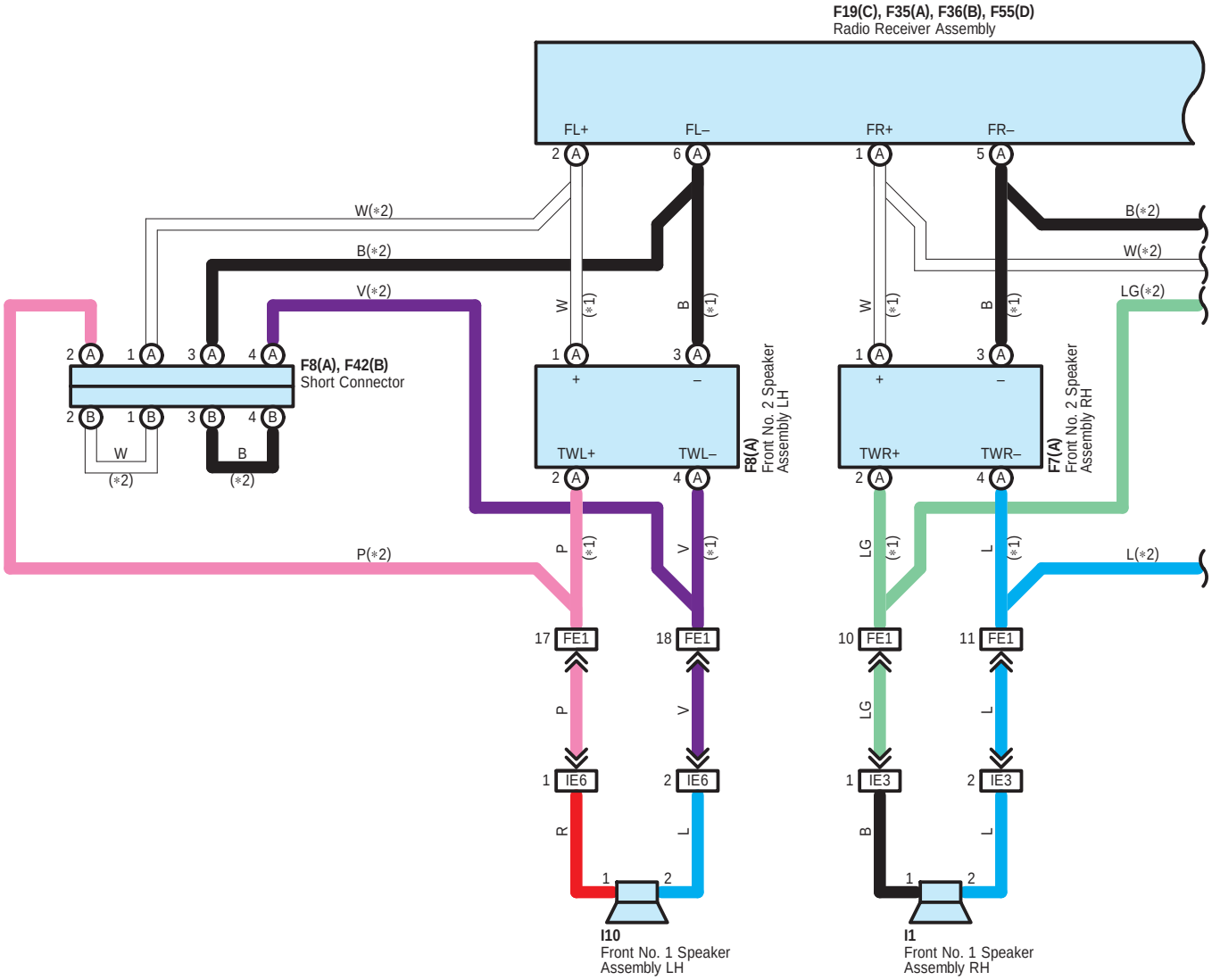
RF1
Gray

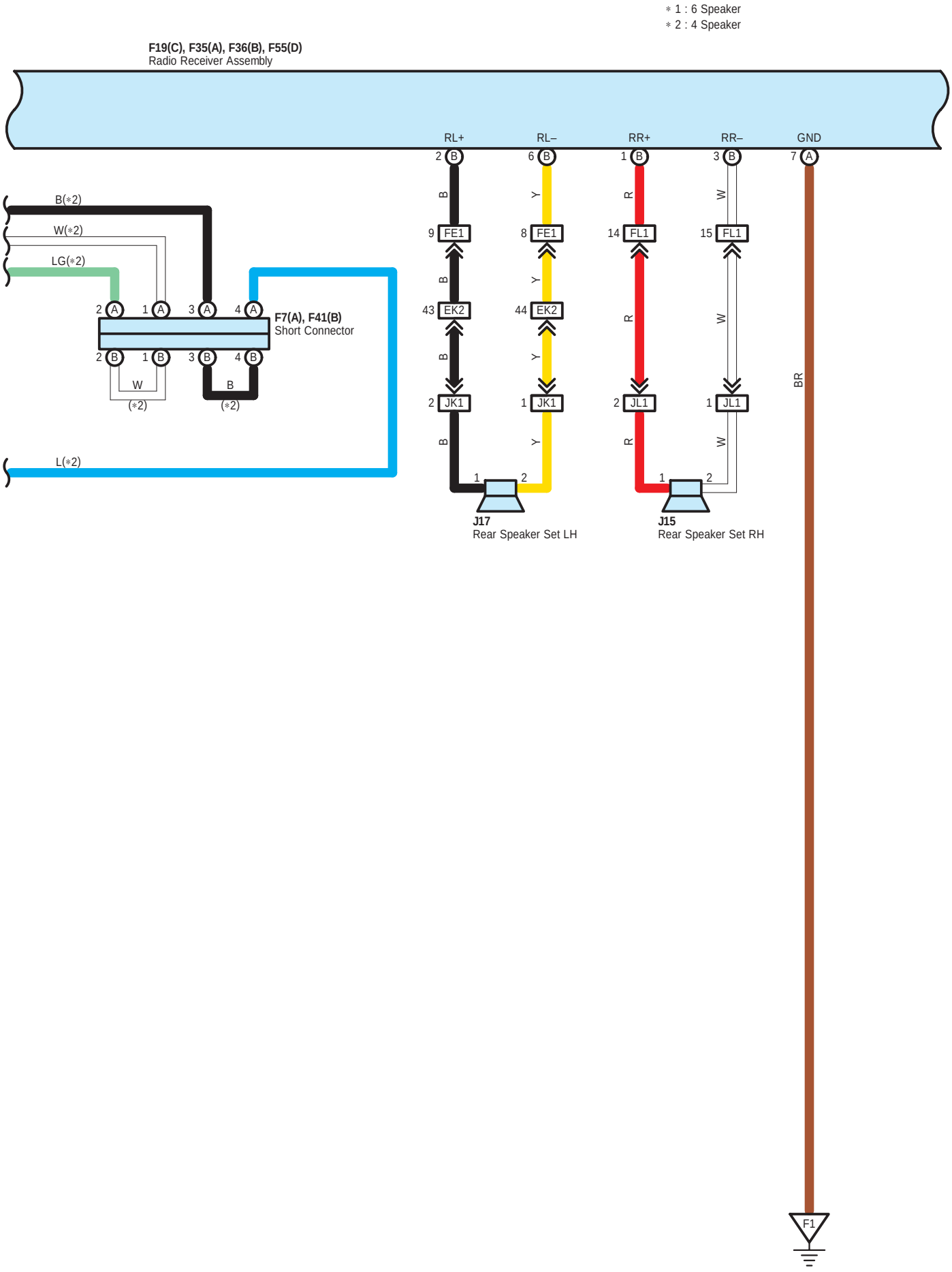


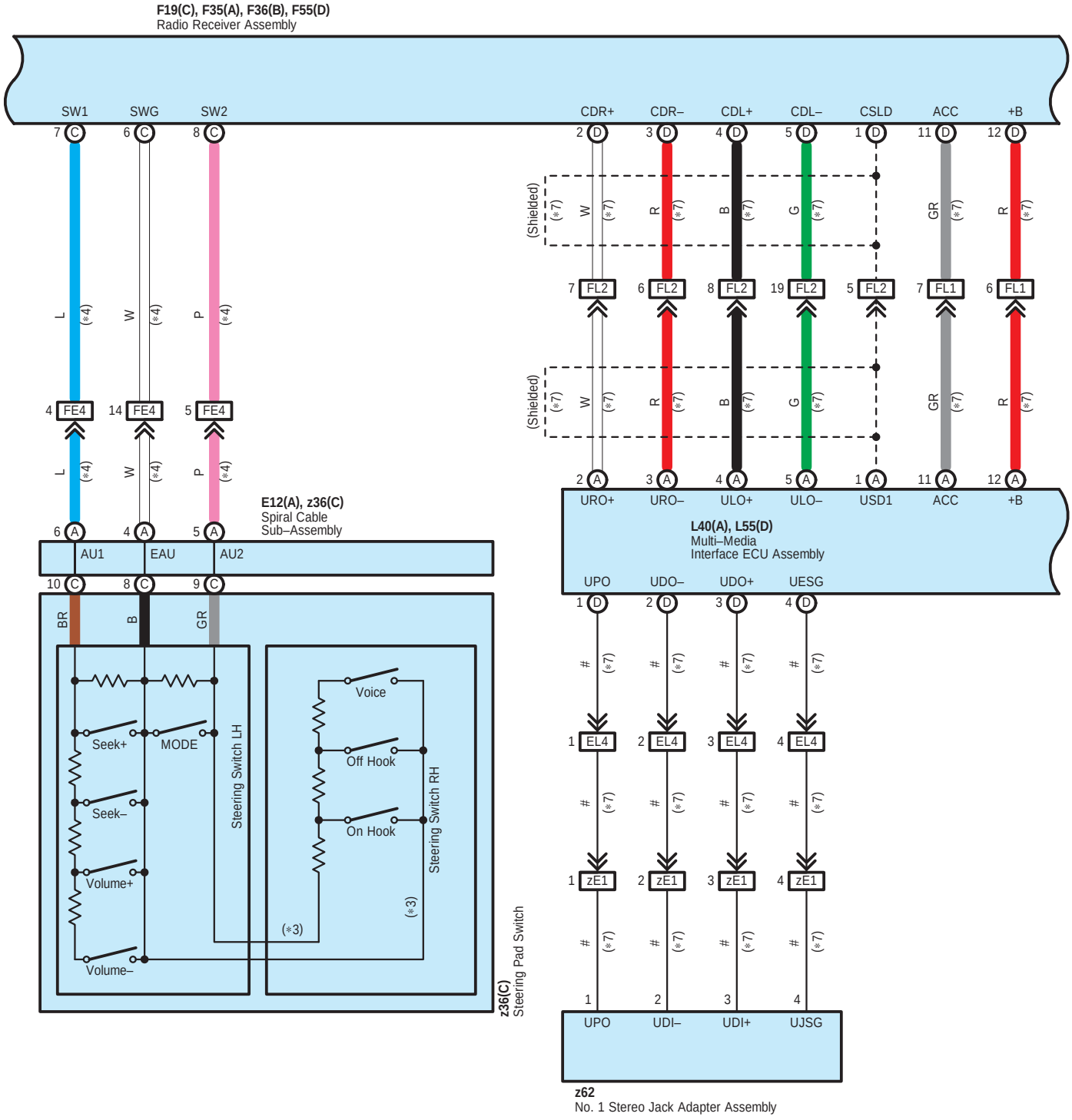
SK1
White




SK2
Blue
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11
mE1
White
1 2 3 4 5
5 4 3 2 1
mE2
Brown
4 3 2 1
1 2 3 4
zE1
Brown
4 3 2 1
1 2 3 4

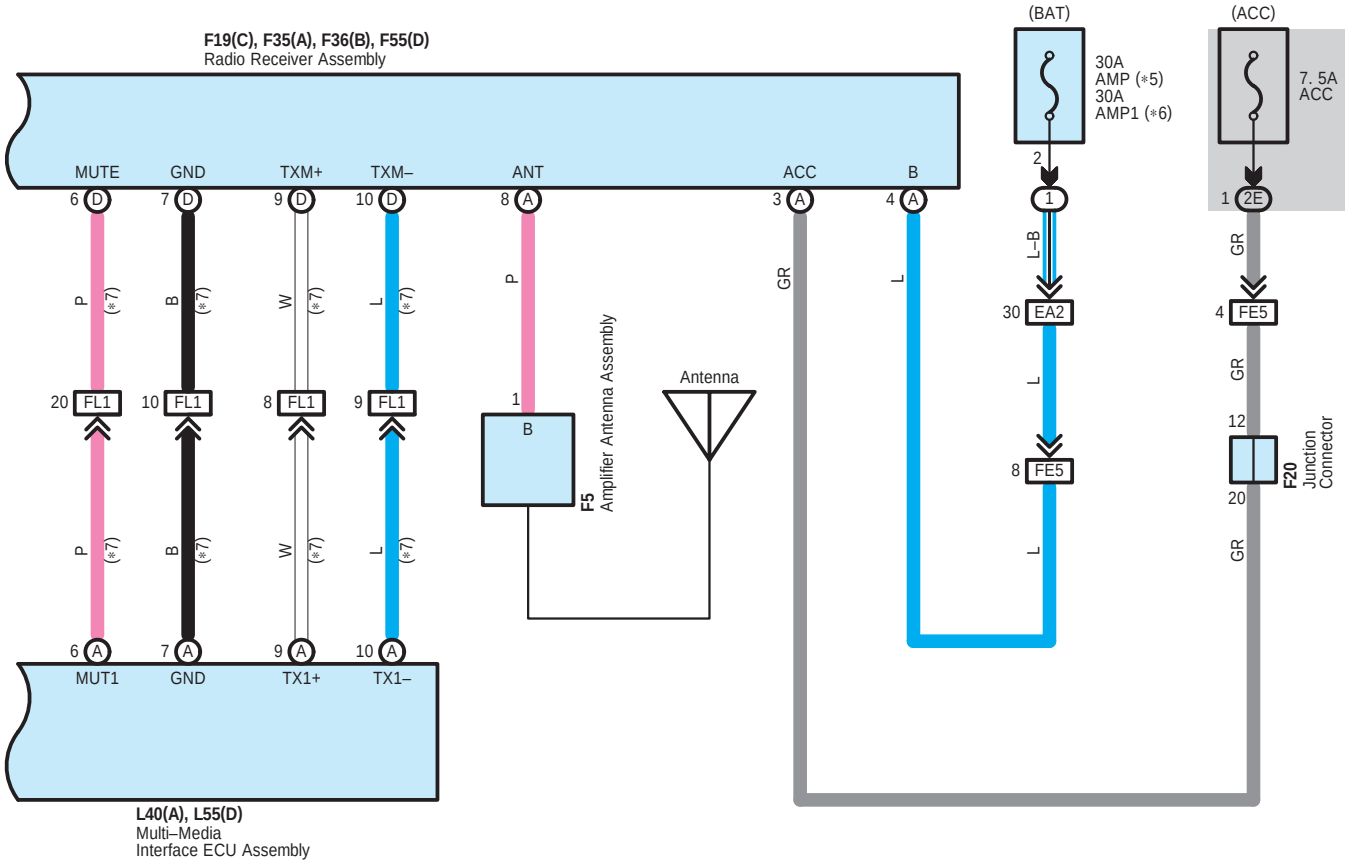

F19(C), F35(A), F36(B), F55(D)
Radio Receiver Assembly
FL+
FL–
FR+
FR–
W(∗2)
B(∗2)
V(∗2)
P(∗2)
B(∗2)
W(∗2)
LG(∗2)
L(∗2)
F8(A), F42(B)
Short Connector
F8(A)
Front No. 2 Speaker Assembly LH
F7(A)
Front No. 2 Speaker Assembly RH
TWL+
TWL–
TWR+
TWR–
FE1
IE6
IE3
I10
Front No. 1 Speaker Assembly LH
I1
Front No. 1 Speaker Assembly RH


∗ 1 : 6 Speaker
∗ 2 : 4 Speaker
F19(C), F35(A), F36(B), F55(D)
Radio Receiver Assembly
RL+
RL–
RR+
RR–
GND
B(∗2)
W(∗2)
LG(∗2)
L(∗2)
F7(A), F41(B)
Short Connector
W
(∗2)
B
(∗2)
FE1
EK2
JK1
FL1
JL1
J17
Rear Speaker Set LH
J15
Rear Speaker Set RH
F1

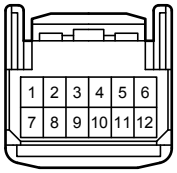


∗ 3 : w/ Bluetooth Hands–Free System
∗ 4 : w/ Steering Pad Switch
∗ 5 : Before Jul. 2009 Production
∗ 6 : From Jul. 2009 Production
∗ 7 : w/ Multi–Media Interface ECU Assembly

: There is no wire color information.


F19(C), F35(A), F36(B), F55(D)
Radio Receiver Assembly
MUTE
GND
TXM+
TXM–
ANT
ACC
B
6 D
7 D
9 D
10 D
8 A
3 A
4 A
P (*7)
B (*7)
W (*7)
L (*7)
P
GR
L
20 FL1
10 FL1
8 FL1
9 FL1
1
B
F5
Amplifier Antenna Assembly
Antenna
6 A
7 A
9 A
10 A
MUT1
GND
TX1+
TX1–
L40(A), L55(D)
Multi–Media
Interface ECU Assembly
(BAT)
30A
AMP (*5)
30A
AMP1 (*6)
2
1
L–B
30 EA2
L
8 FE5
L
(ACC)
7. 5A
ACC
1 2E
GR
4 FE5
GR
12
F20
Junction
Connector
20
GR

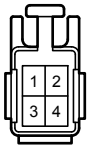
E 12
Black



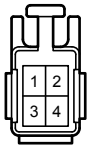
F 5
White



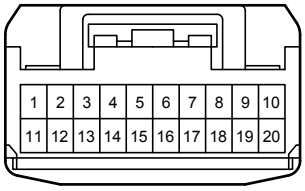
F 7
White



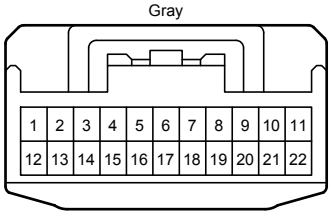
F 8
White



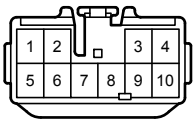
F 19
White



F 20
Gray



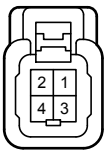
F 35
White



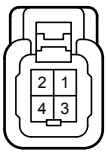
F 36
White



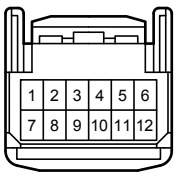
F 41
White



F 42
White



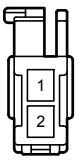
F 55
White



I 1
White



I 10
White



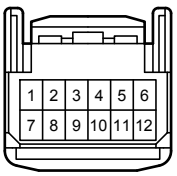
J 15
White



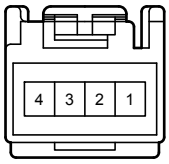
J 17
White



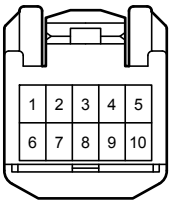
L 40
White



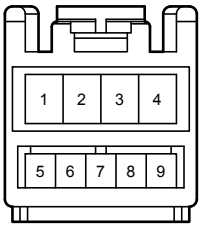
L 55
Brown



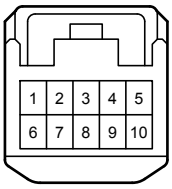
z 36
White



z 62
Black

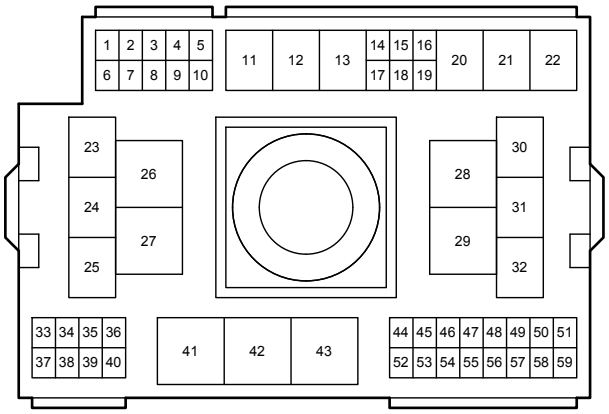


2E
White

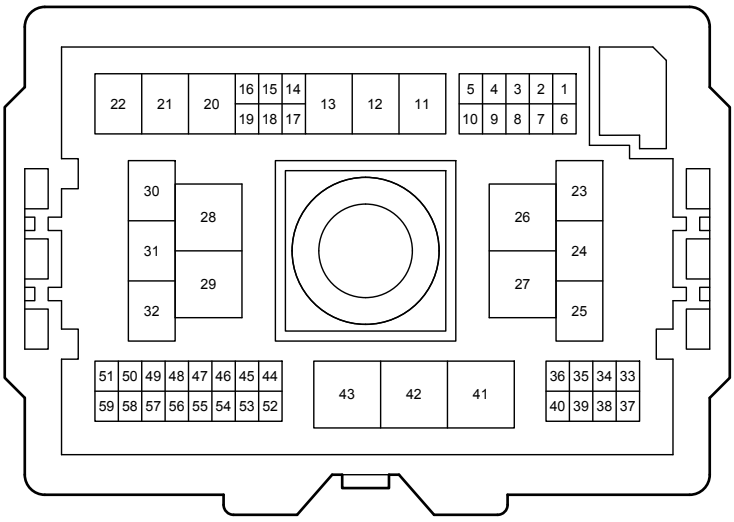


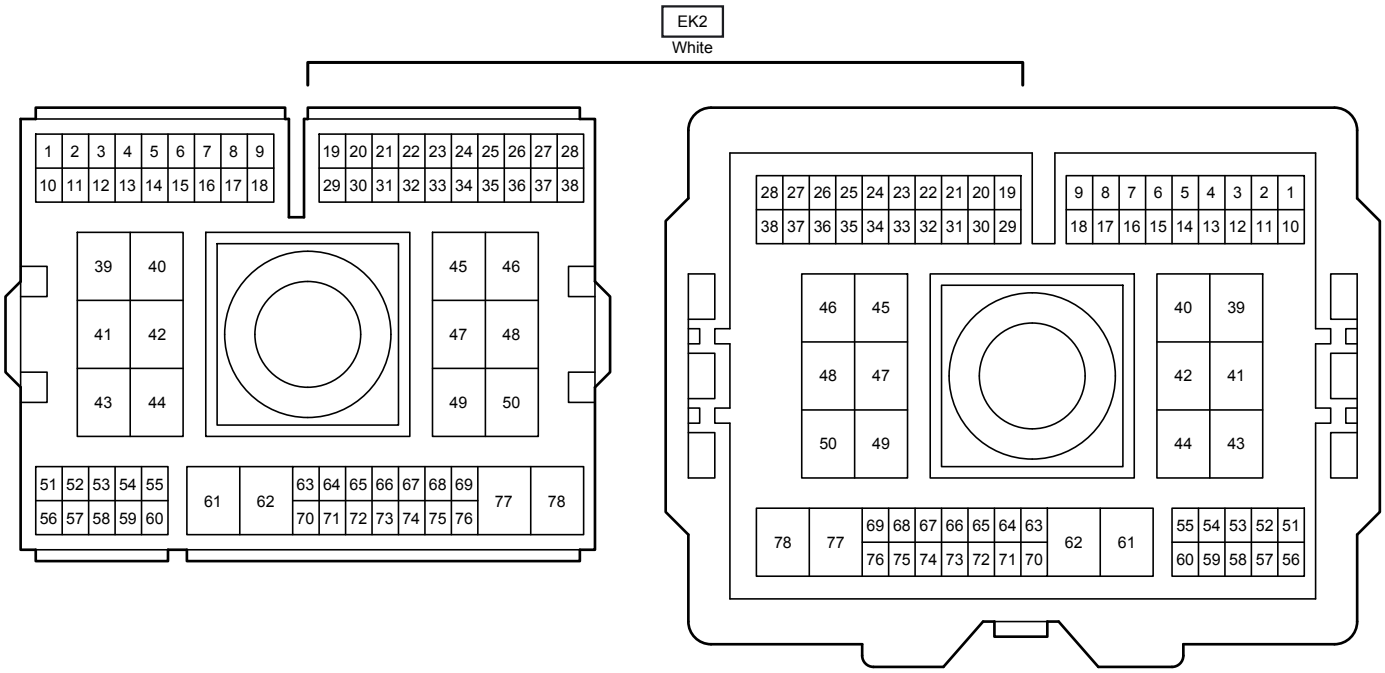
EA2

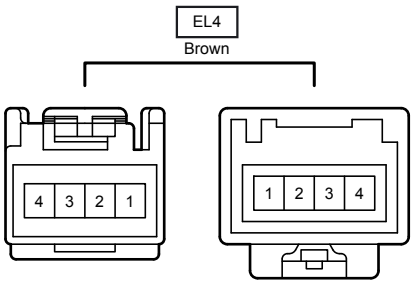
White

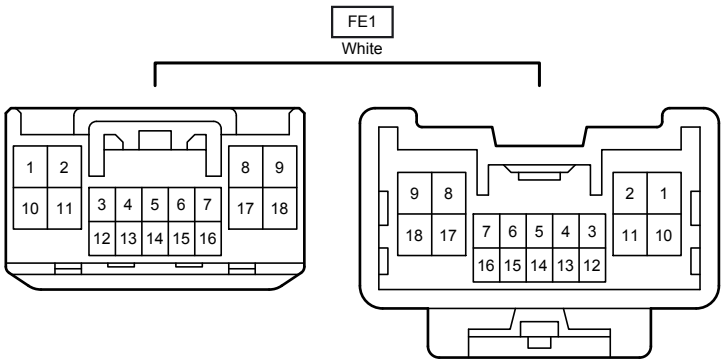


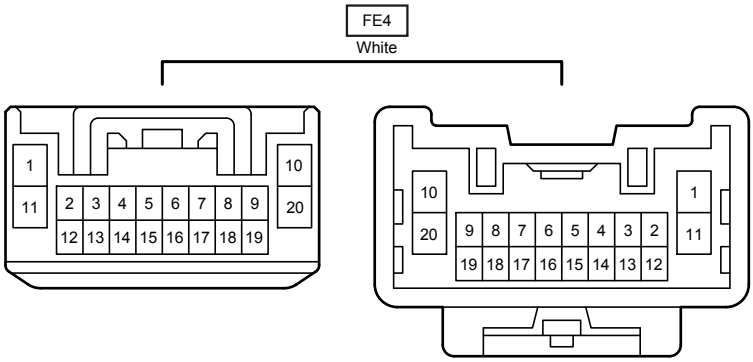
Gray

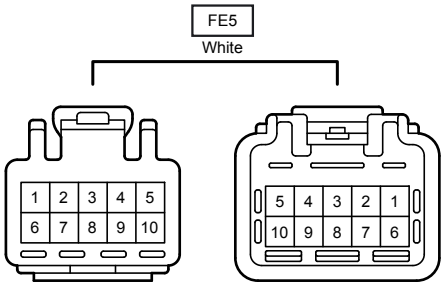



EK2
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45
48 47
50 49
40 39
42 41
44 43
78 77
69 68 67 66 65 64 63
76 75 74 73 72 71 70
62 61
55 54 53 52 51
60 59 58 57 56


EL4
Brown
4 3 2 1
1 2 3 4


FE1
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10

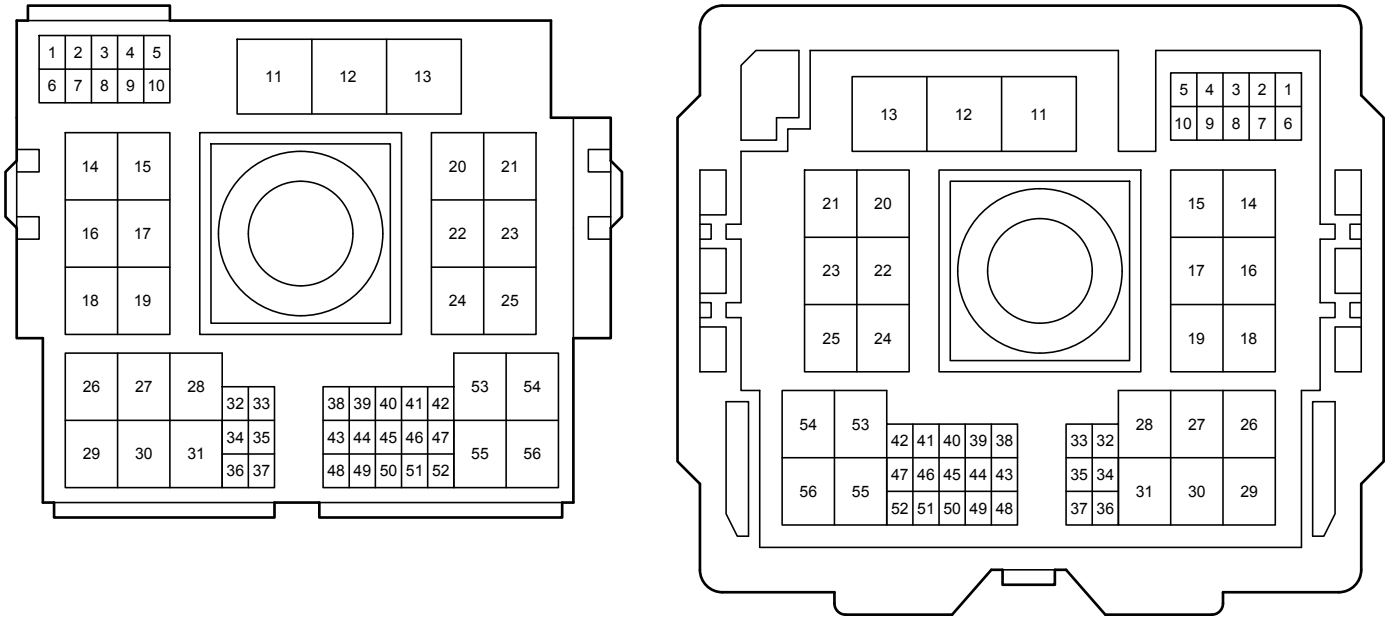

FE4
White
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11


FE5
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

FL1

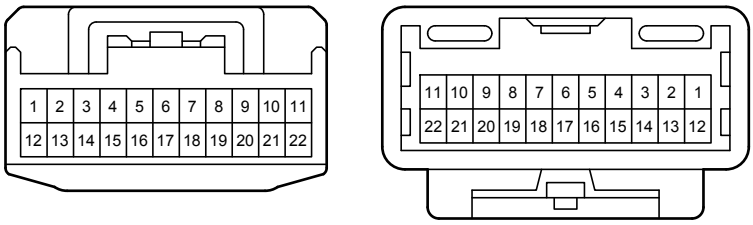
White

Blue



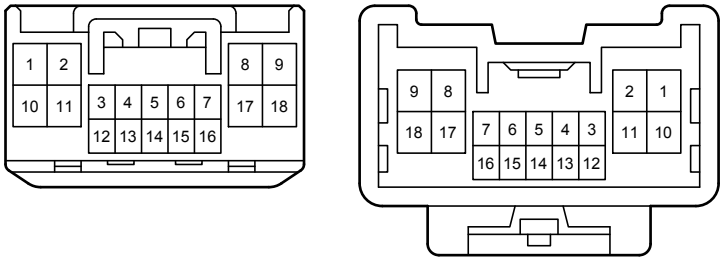
FL2

Blue



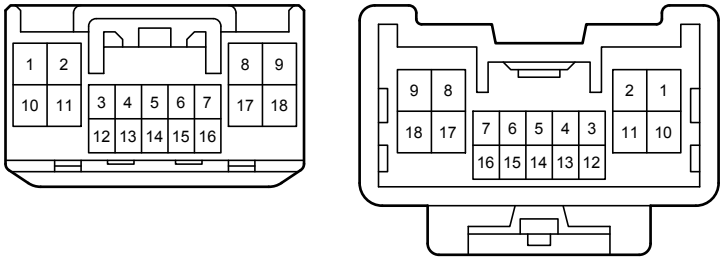
IE3

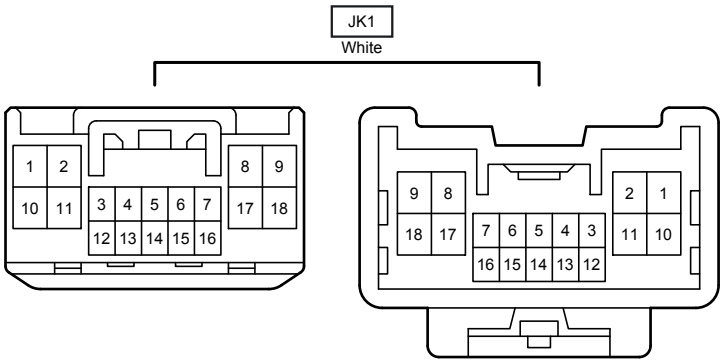
White

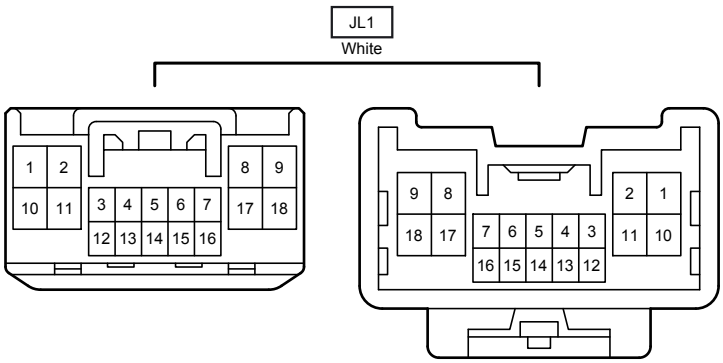


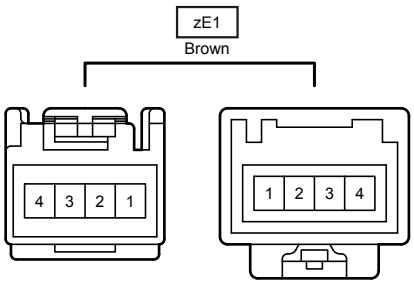
IE6

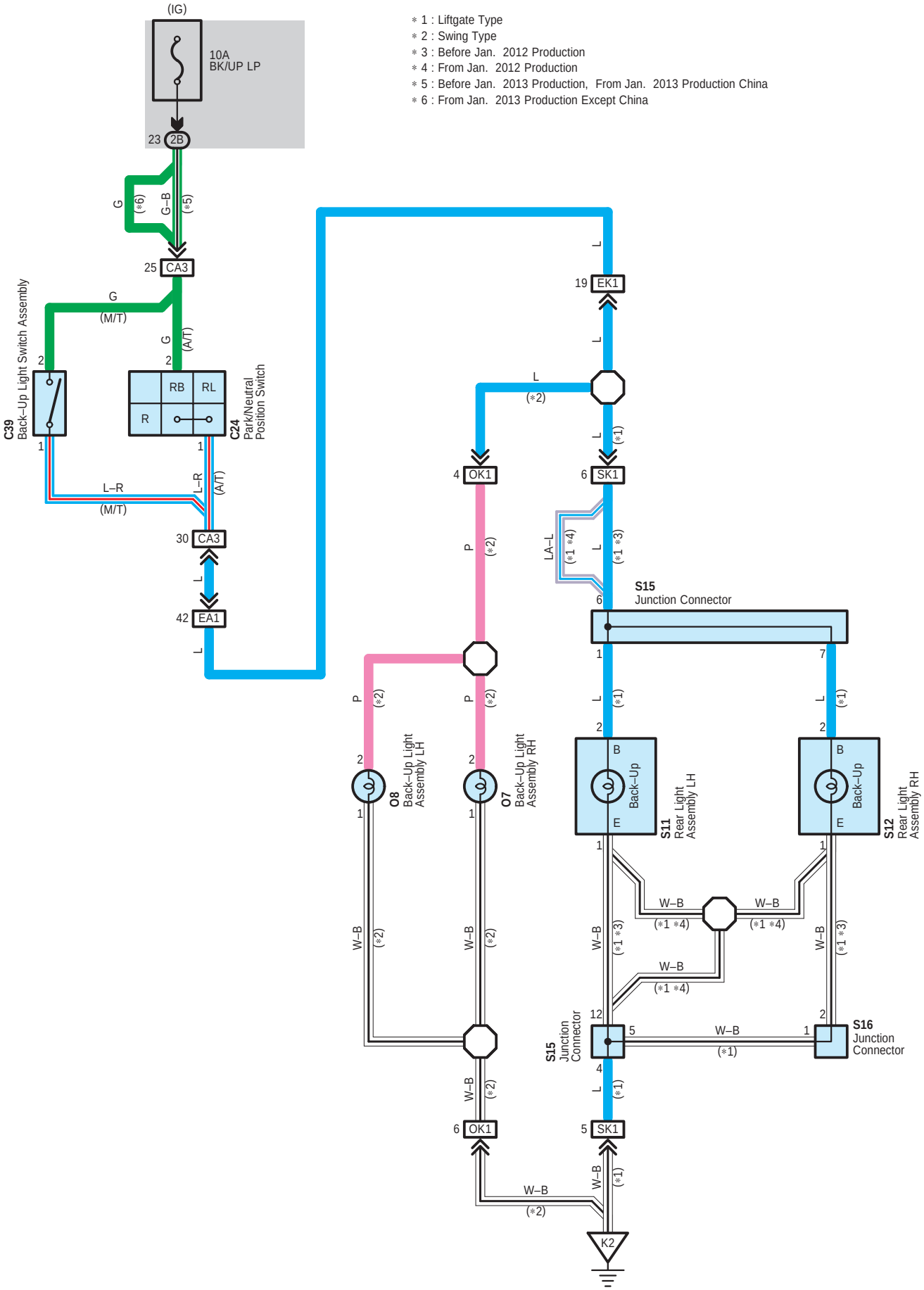
White




JK1
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10

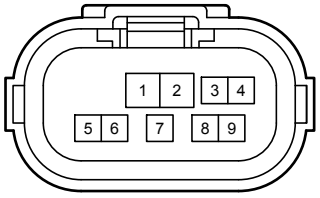

JL1
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10


zE1
Brown
4 3 2 1
1 2 3 4

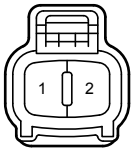


* 1 : Liftgate Type
* 2 : Swing Type
* 3 : Before Jan. 2012 Production
* 4 : From Jan. 2012 Production
* 5 : Before Jan. 2013 Production, From Jan. 2013 Production China
* 6 : From Jan. 2013 Production Except China

C 24
Gray



C 39
Gray



O 7
Gray



O 8
Gray



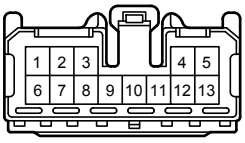
S 11
White



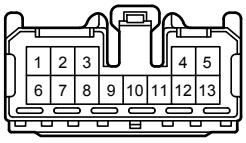
S 12
White



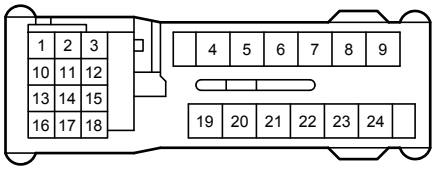
S 15
White



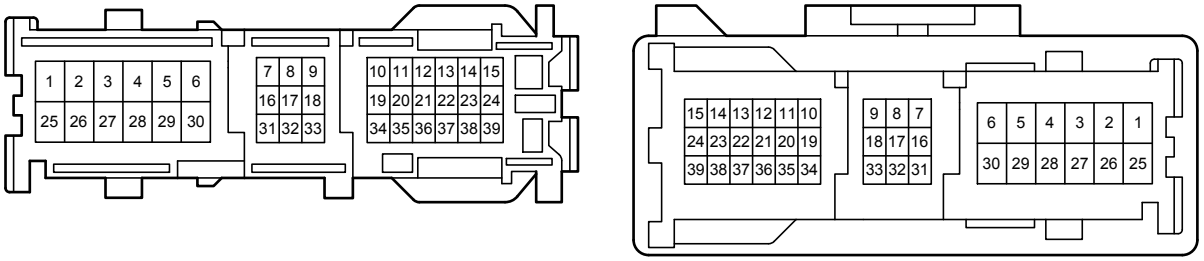
S 16
White



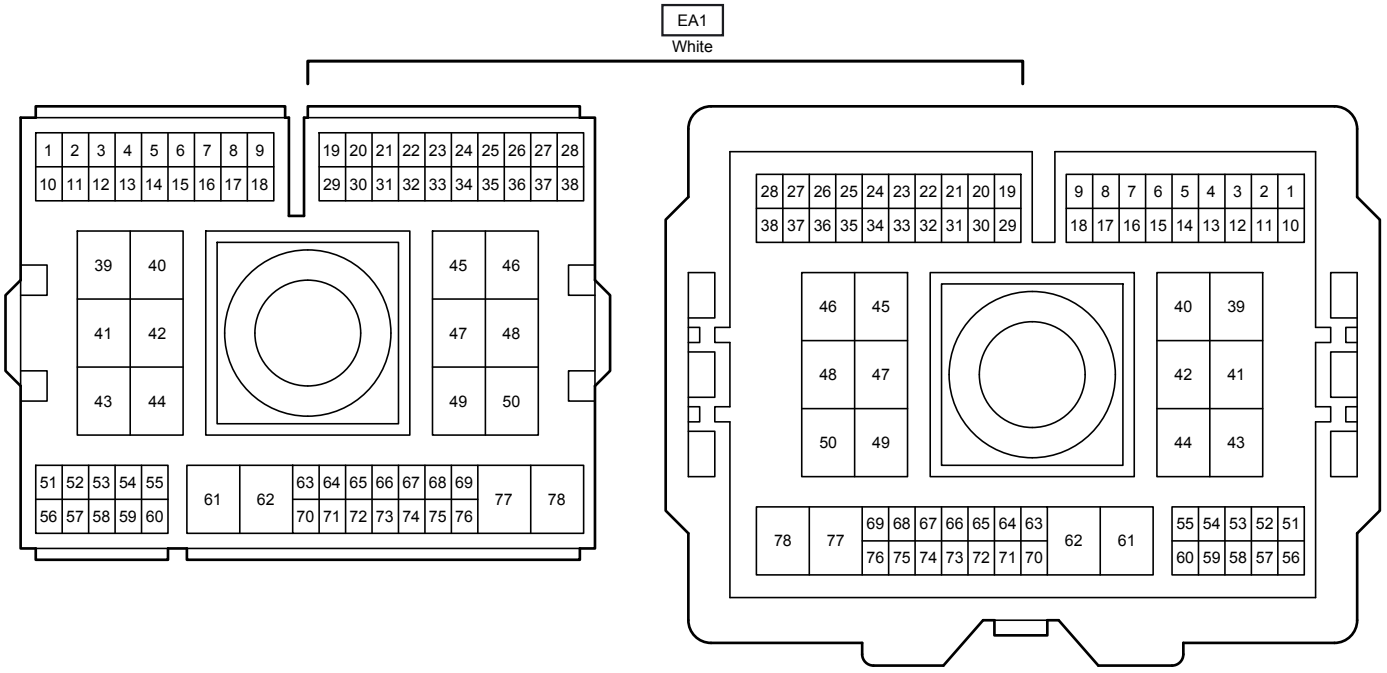
2B
White

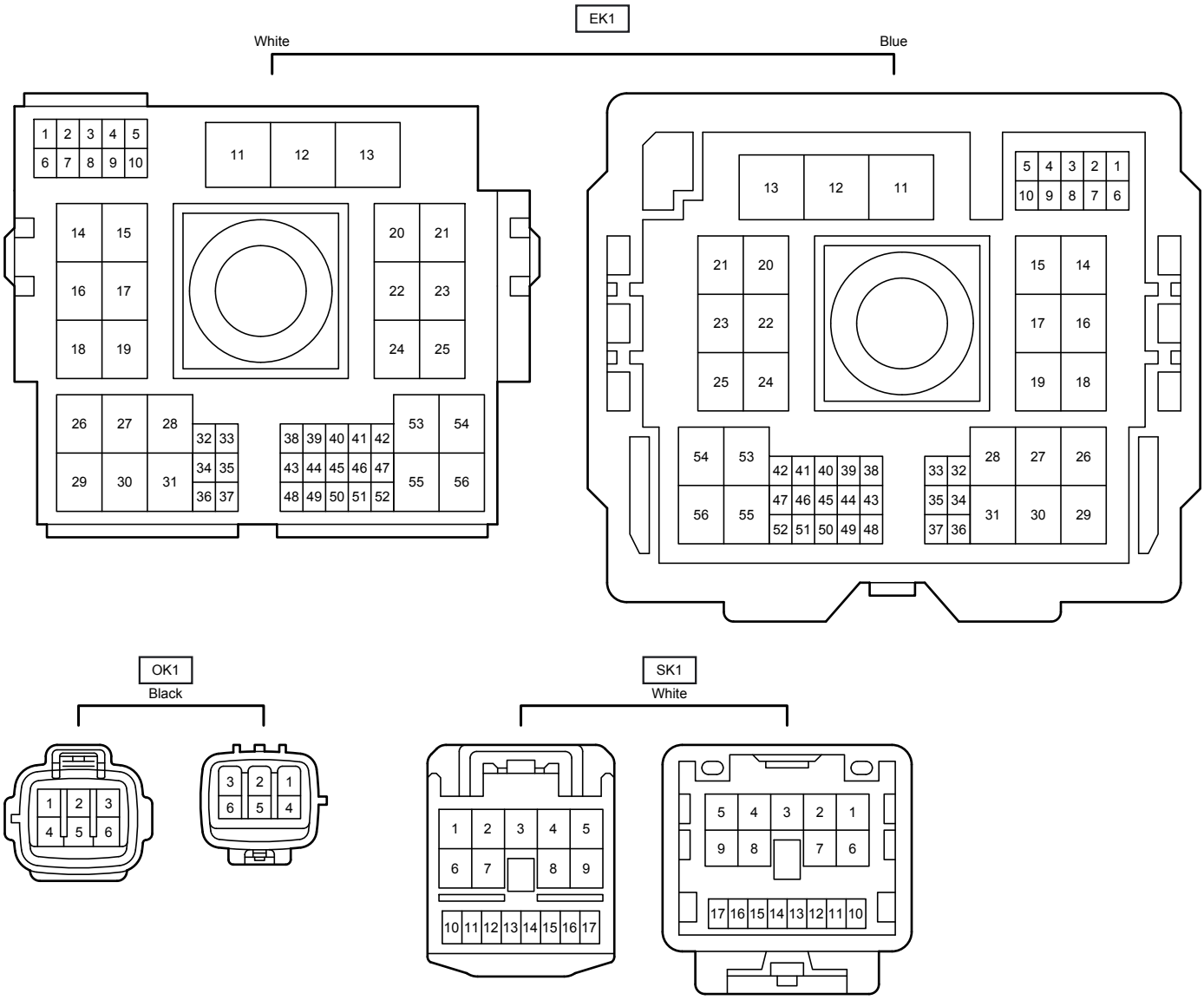


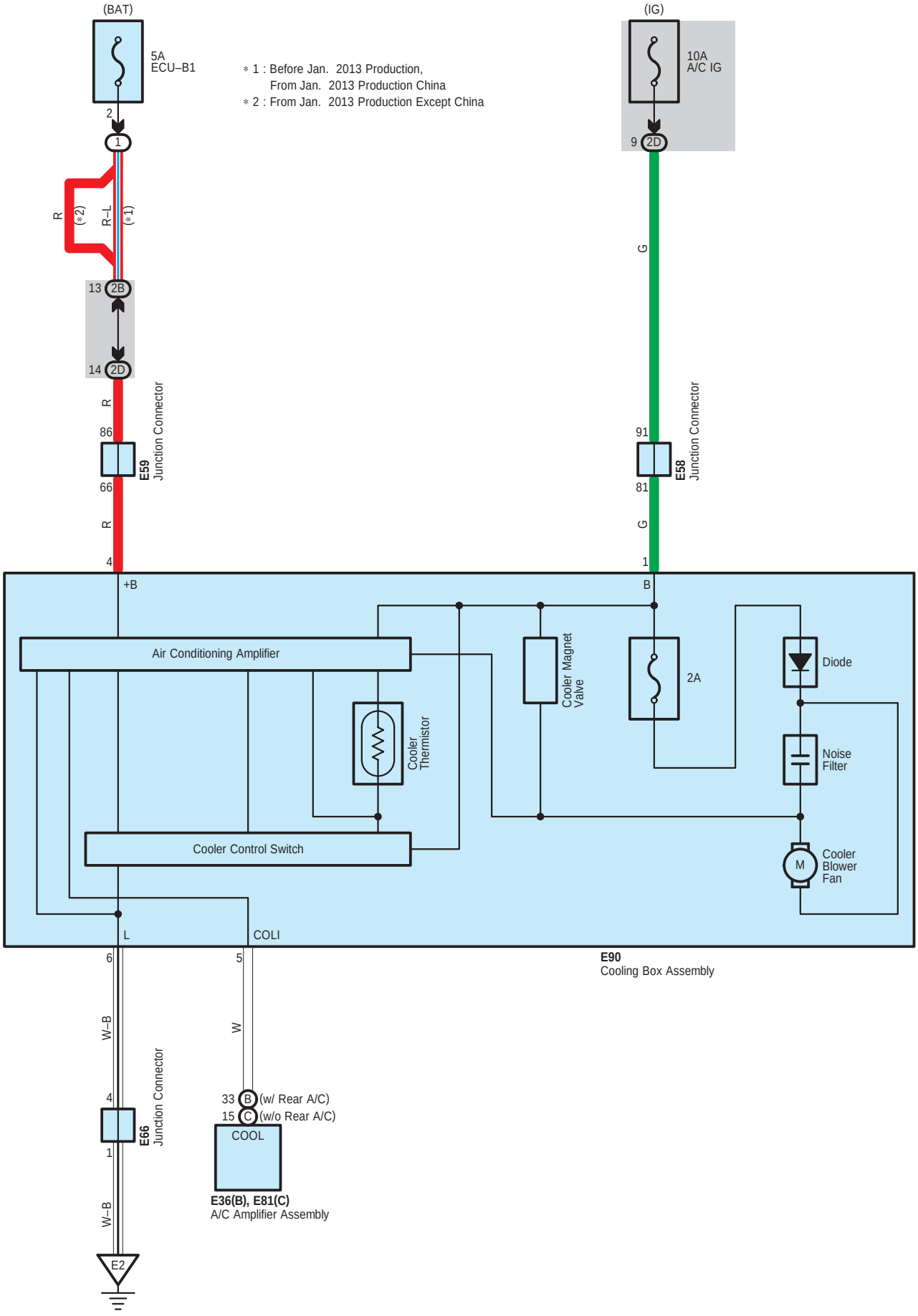
CA3
White



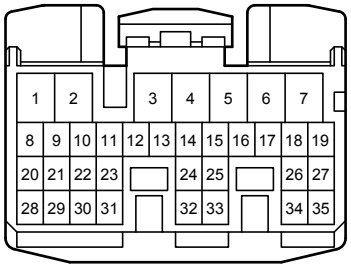
EA1
White



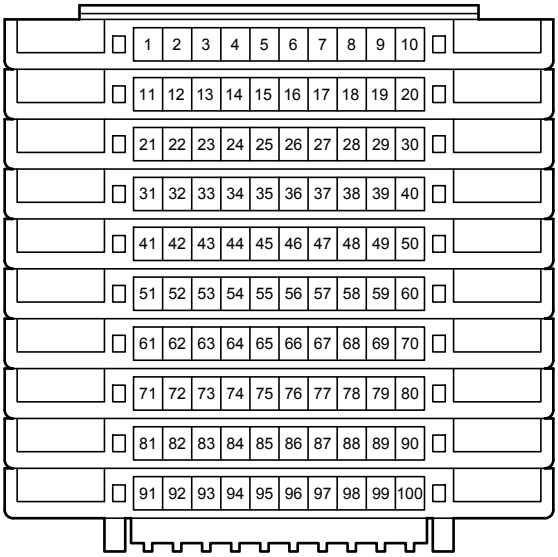

EK1
White
Blue
1 2 3 4 5
6 7 8 9 10
11 12 13
14 15
16 17
18 19
20 21
22 23
24 25
26 27 28
29 30 31
32 33
34 35
36 37
38 39 40 41 42
43 44 45 46 47
48 49 50 51 52
53 54
55 56
13 12 11
5 4 3 2 1
10 9 8 7 6
21 20
23 22
25 24
15 14
17 16
19 18
54 53
56 55
42 41 40 39 38
47 46 45 44 43
52 51 50 49 48
33 32
35 34
37 36
28 27 26
31 30 29
OK1
Black
1 2 3
4 5 6
3 2 1
6 5 4
SK1
White
1 2 3 4 5
6 7 8 9
10 11 12 13 14 15 16 17
5 4 3 2 1
9 8 7 6
17 16 15 14 13 12 11 10


(BAT)
5A
ECU–B1
2
1
R
(*2)
R–L
(*1)
13 2B
14 2D
R
86
E59
Junction Connector
66
R
4
+B
(IG)
10A
A/C IG
9 2D
G
91
E58
Junction Connector
81
G
1
B
* 1 : Before Jan. 2013 Production,
From Jan. 2013 Production China
* 2 : From Jan. 2013 Production Except China
Air Conditioning Amplifier
Cooler Thermistor
Cooler Magnet Valve
2A
Diode
Noise Filter
Cooler Control Switch
M
Cooler Blower Fan
L
COLI
6
5
E90
Cooling Box Assembly
W–B
W
4
E66
Junction Connector
1
33 B (w/ Rear A/C)
15 C (w/o Rear A/C)
COOL
E36(B), E81(C)
A/C Amplifier Assembly
W–B
E2

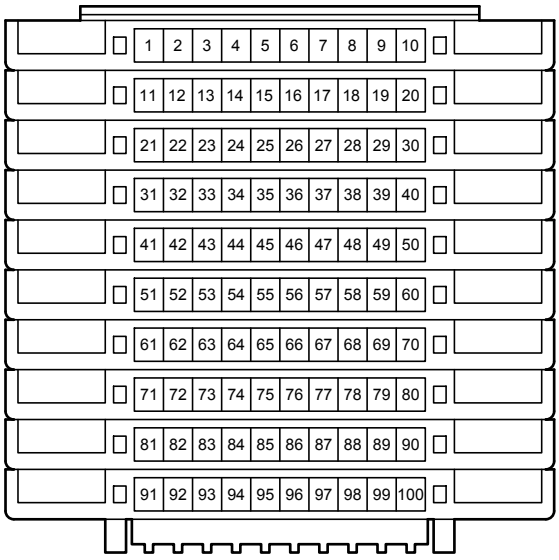
E 36
White



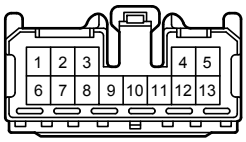
E 58



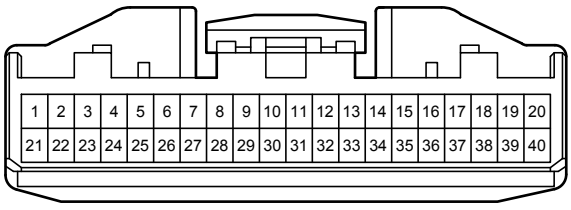
E 59



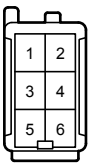
E 66
White



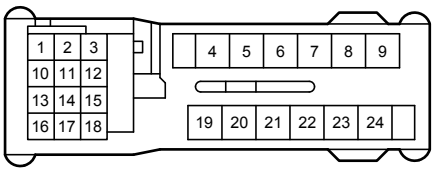
E 81
White



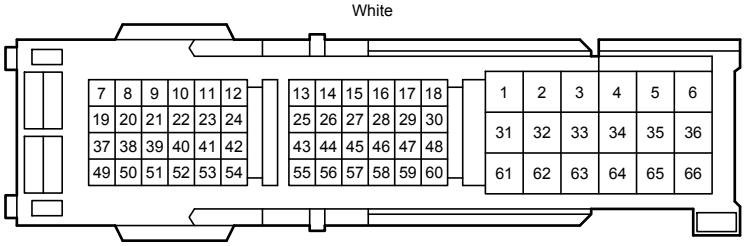
E 90
White

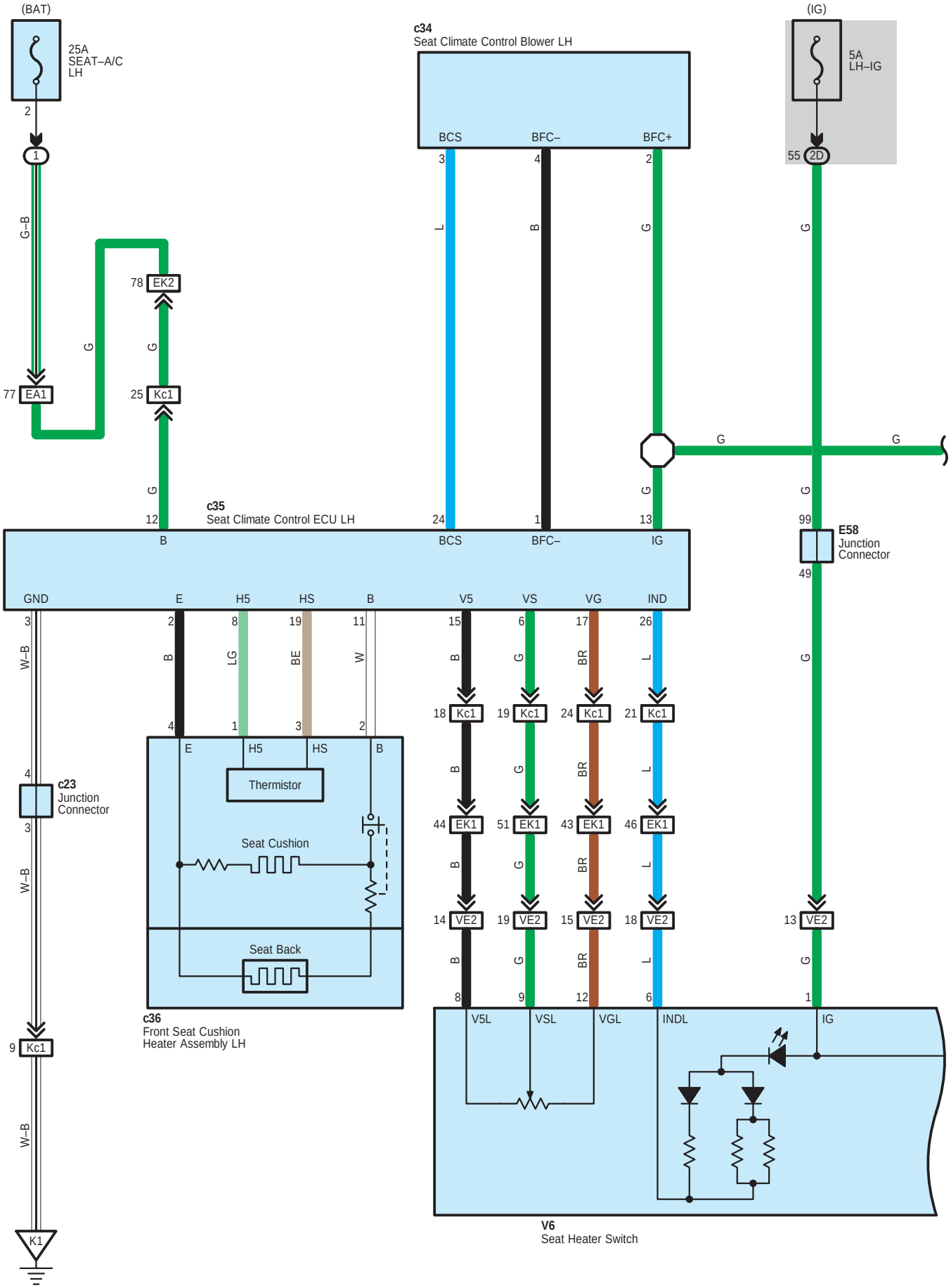


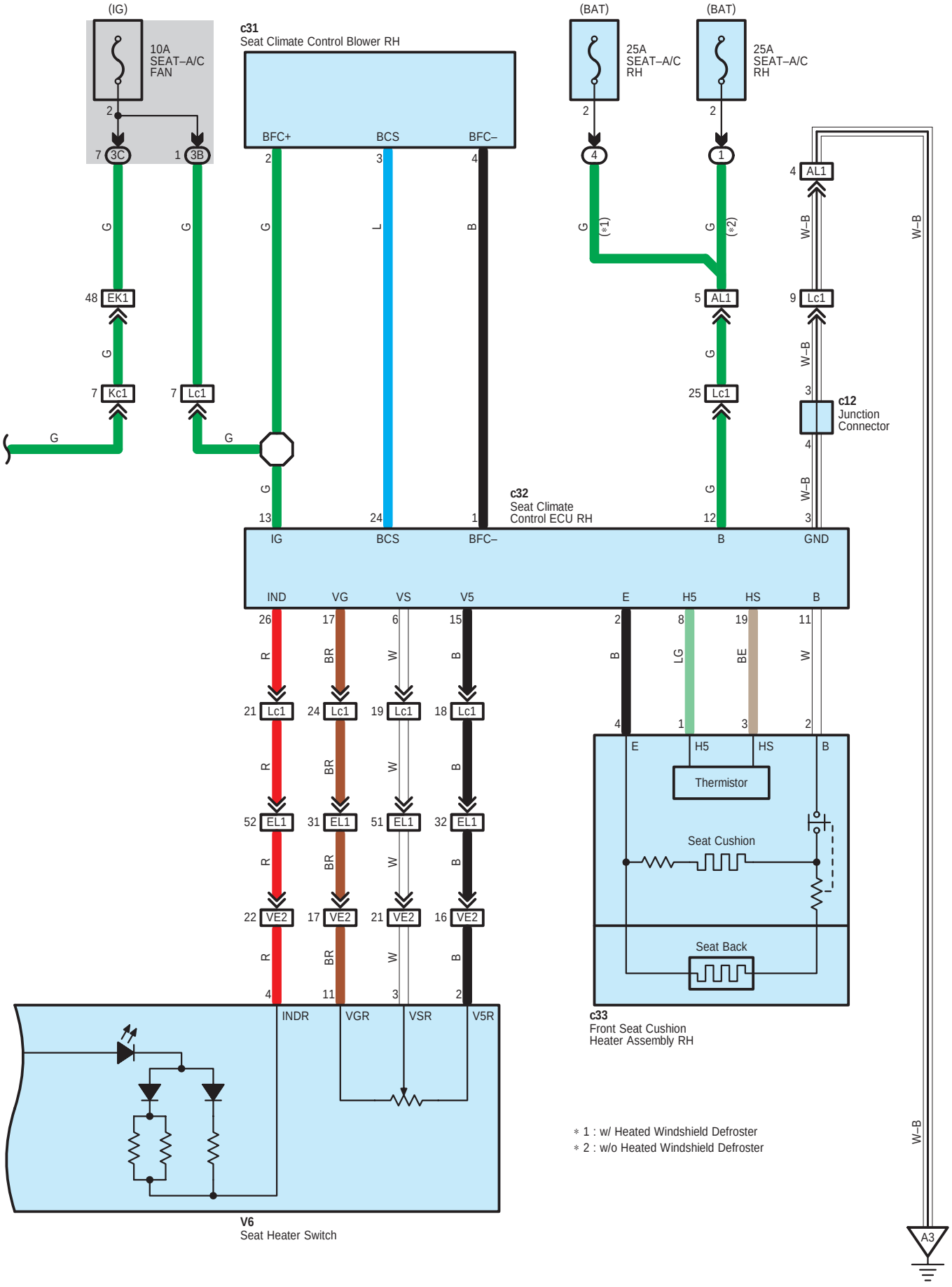
2B
White



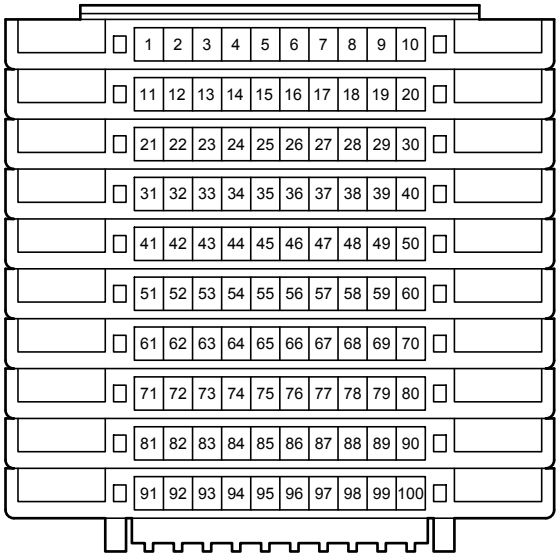
2D
White



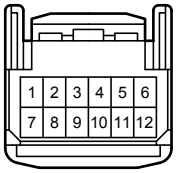

(BAT)
25A
SEAT–A/C
LH
2
1
G–B
77 EA1
78 EK2
G
G
25 Kc1
G
12
B
c34
Seat Climate Control Blower LH
BCS
BFC–
BFC+
3
4
2
L
B
G
24
1
13
BCS
BFC–
IG
c35
Seat Climate Control ECU LH
(IG)
5A
LH–IG
55 2D
G
G
G
G
99
E58
Junction
Connector
49
G
GND
E
H5
HS
B
V5
VS
VG
IND
3
2
8
19
11
15
6
17
26
W–B
B
LG
BE
W
B
G
BR
L
4
1
3
2
18 Kc1
19 Kc1
24 Kc1
21 Kc1
E
H5
HS
B
Thermistor
Seat Cushion
Seat Back
c23
Junction
Connector
4
3
W–B
44 EK1
51 EK1
43 EK1
46 EK1
14 VE2
19 VE2
15 VE2
18 VE2
13 VE2
9 Kc1
W–B
8
9
12
6
1
V5L
VSL
VGL
INDL
IG
K1
c36
Front Seat Cushion
Heater Assembly LH
V6
Seat Heater Switch


(IG)
10A
SEAT–A/C
FAN
2
7 3C
1 3B
G
48 EK1
7 Kc1
7 Lc1
G
G
c31
Seat Climate Control Blower RH
BFC+
BCS
BFC–
2
3
4
G
L
B
13
24
1
IG
BCS
BFC–
c32
Seat Climate
Control ECU RH
(BAT)
25A
SEAT–A/C
RH
2
4
(*1)
(BAT)
25A
SEAT–A/C
RH
2
1
(*2)
5 AL1
25 Lc1
12
B
4 AL1
9 Lc1
3
c12
Junction
Connector
4
3
GND
W–B
W–B
W–B
IND
VG
VS
V5
E
H5
HS
B
26
17
6
15
2
8
19
11
R
BR
W
B
B
LG
BE
W
21 Lc1
24 Lc1
19 Lc1
18 Lc1
4
1
3
2
52 EL1
31 EL1
51 EL1
32 EL1
22 VE2
17 VE2
21 VE2
16 VE2
4
11
3
2
INDR
VGR
VSR
V5R
V6
Seat Heater Switch
E
H5
HS
B
Thermistor
Seat Cushion
Seat Back
c33
Front Seat Cushion
Heater Assembly RH
* 1 : w/ Heated Windshield Defroster
* 2 : w/o Heated Windshield Defroster
A3

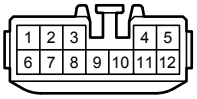
E 58



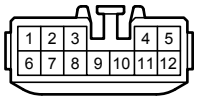
V 6
White



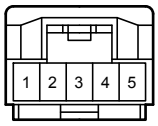
c 12
White



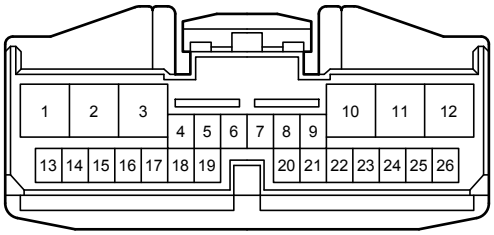
c 23
White



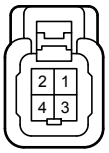
c 31
White



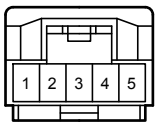
c 32
White



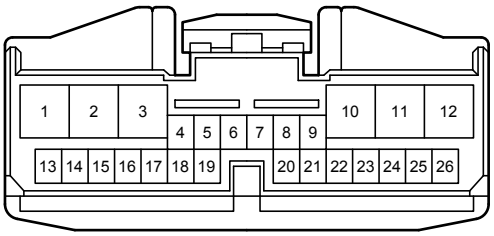
c 33
White



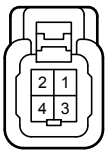
c 34
White



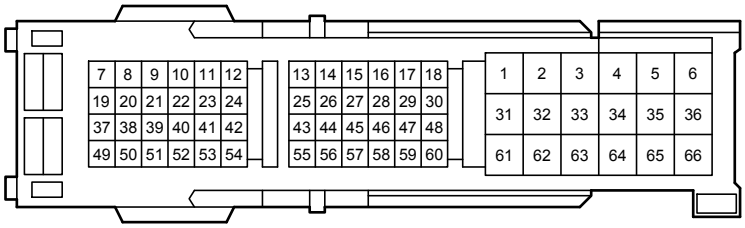
c 35
White



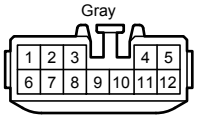
c 36
White



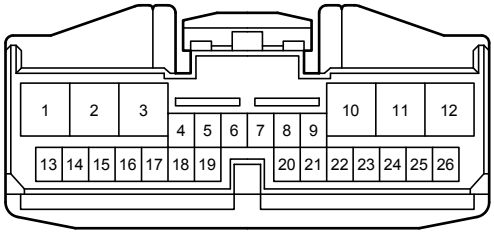
2D
White



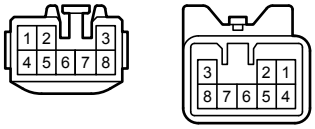
3B
Gray



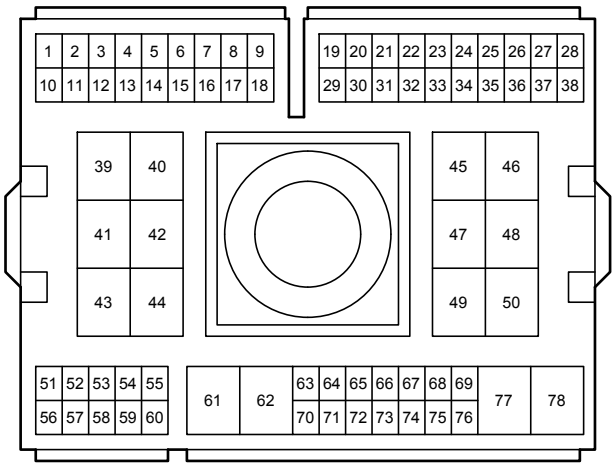
3C
White

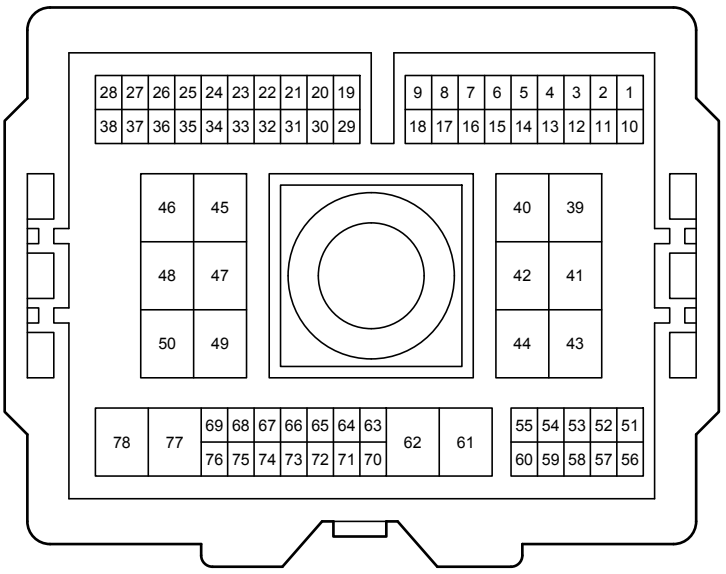


AL1
White

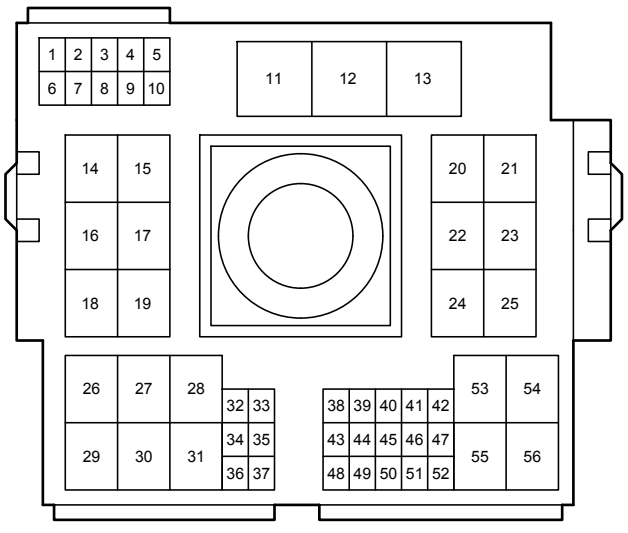


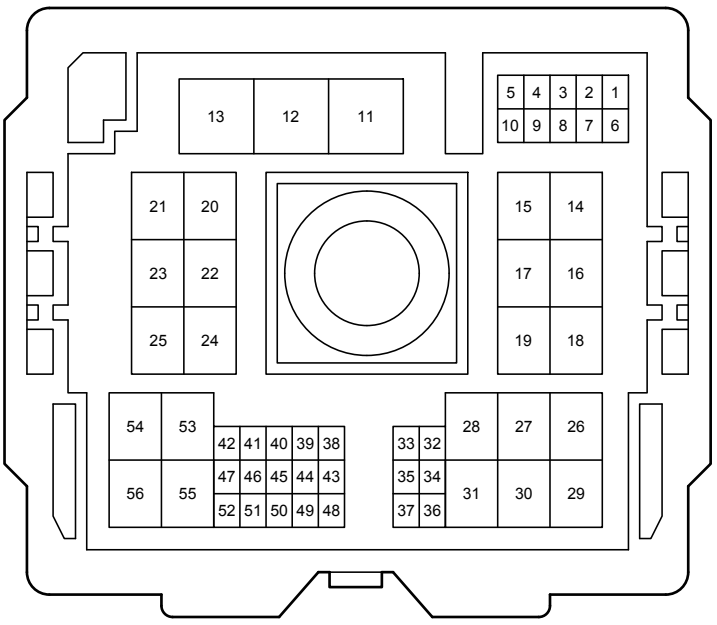
EA1
White



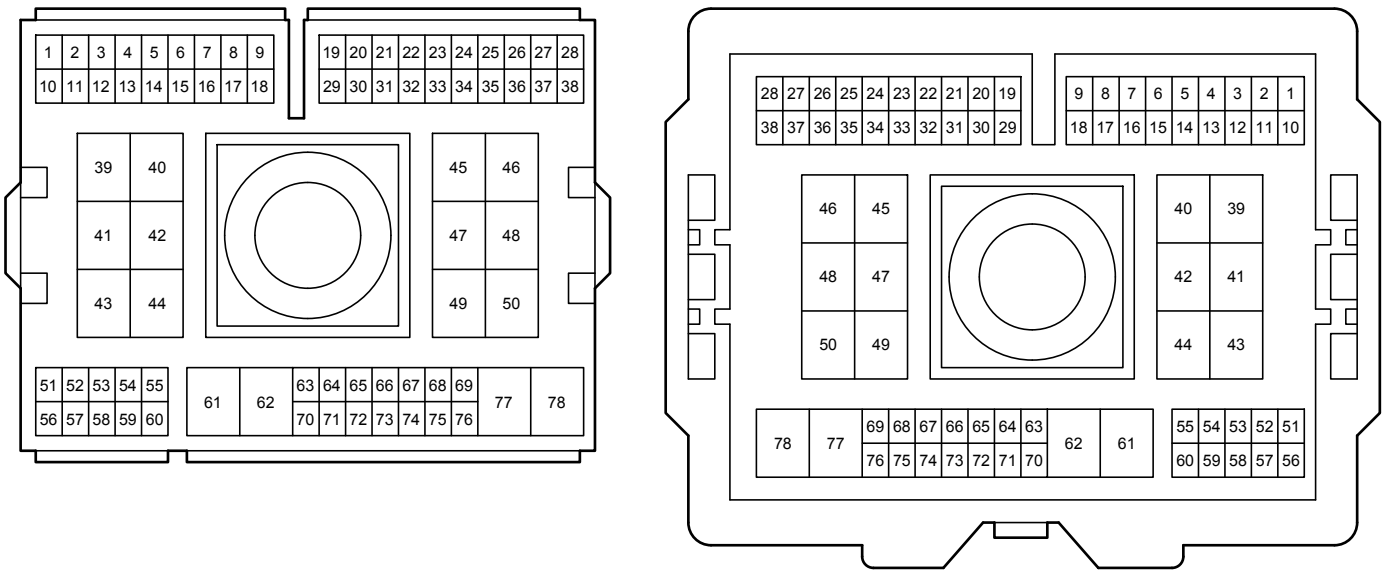


EK1
White Blue

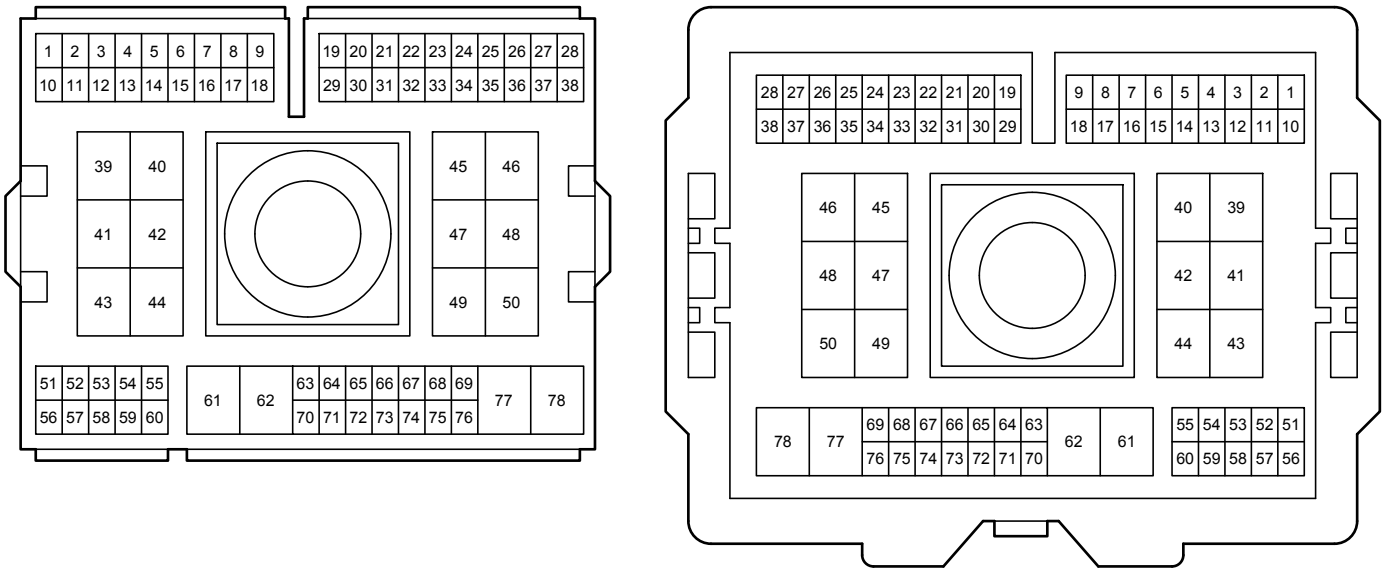




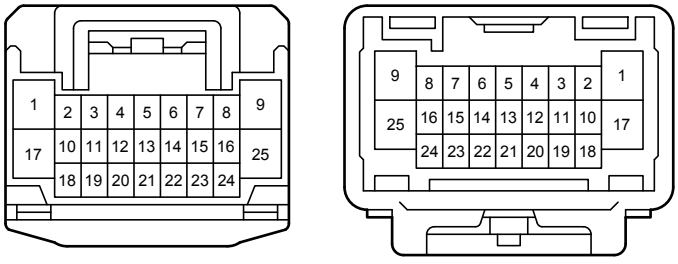
EK2
White

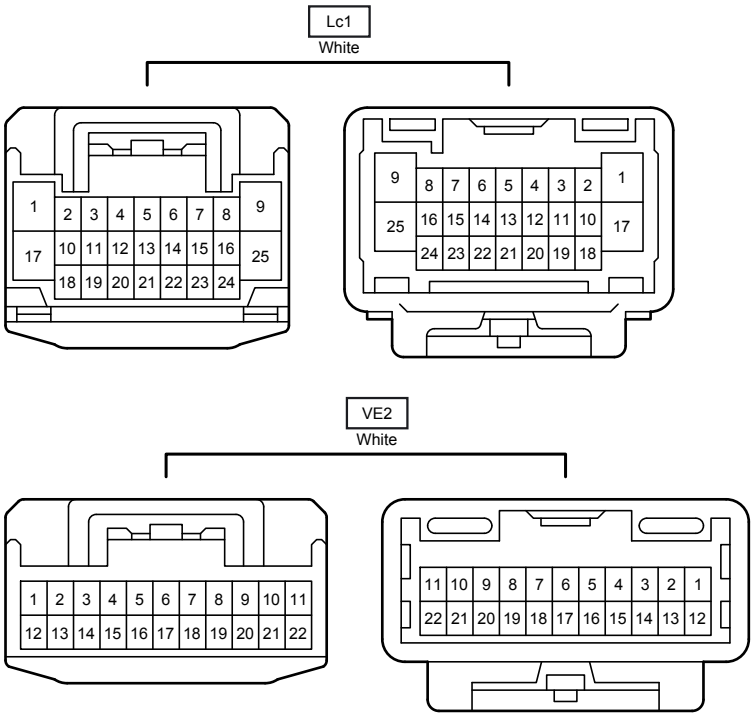


EL1
White

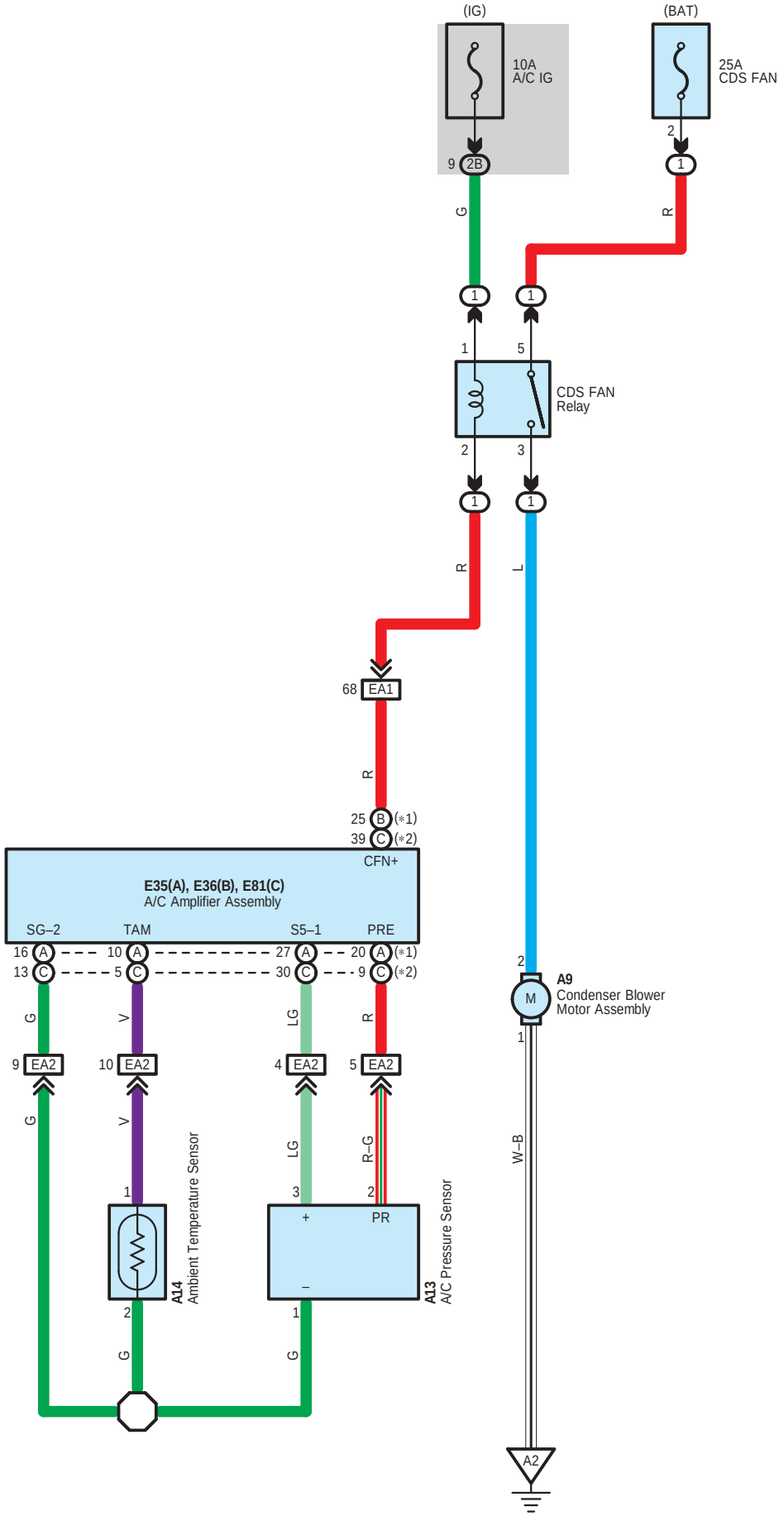


Kc1
White




Lc1
White
1 2 3 4 5 6 7 8 9
17 10 11 12 13 14 15 16 25
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18
VE2
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12

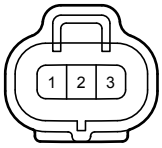
∗ 1 : w/ Rear A/C
∗ 2 : w/o Rear A/C



A 9
Black



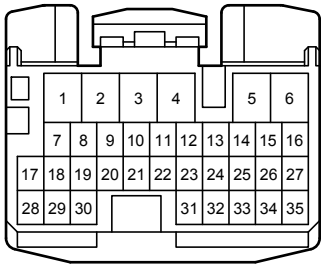
A 13
Black



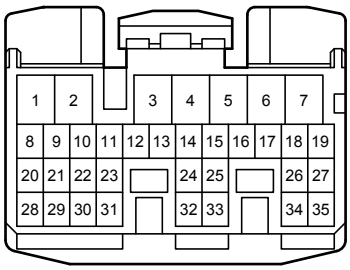
A 14
Black



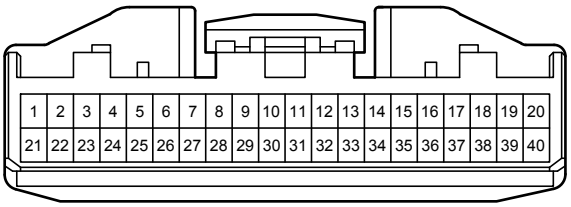
E 35
White



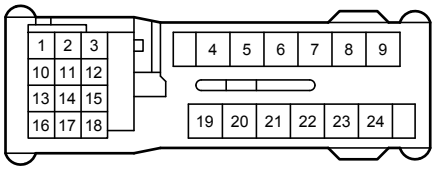
E 36
White



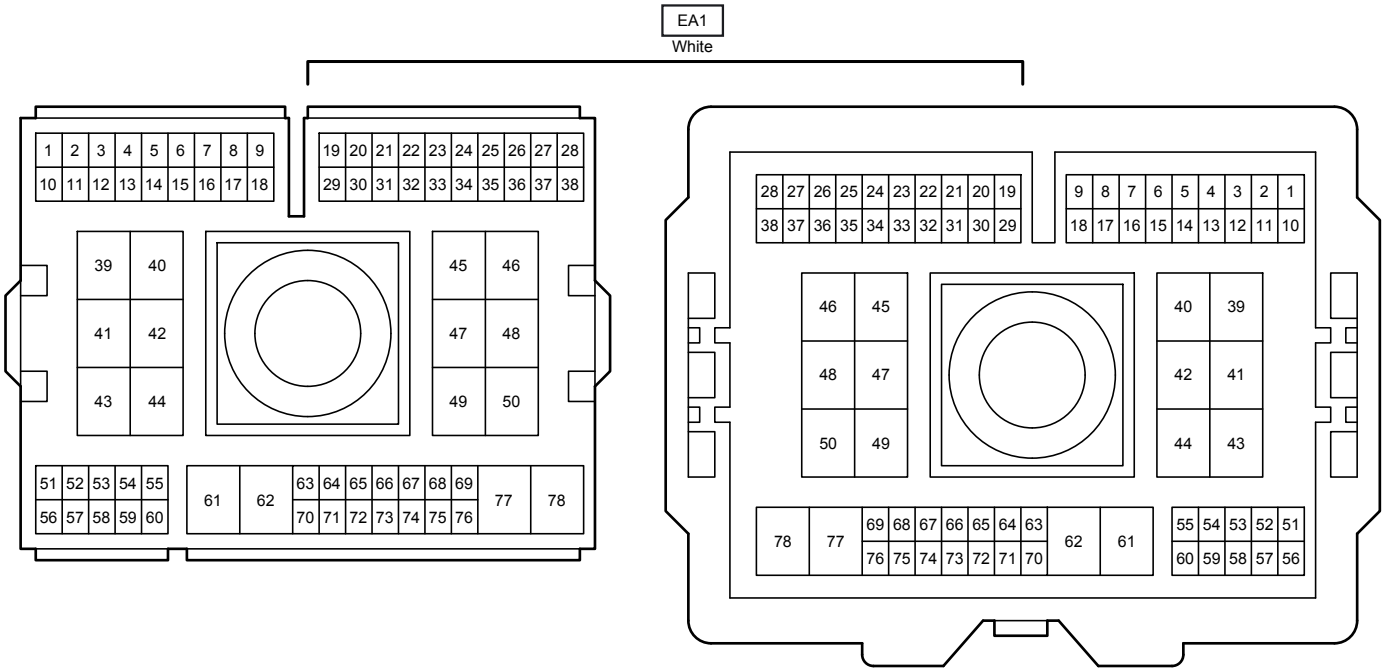
E 81
White

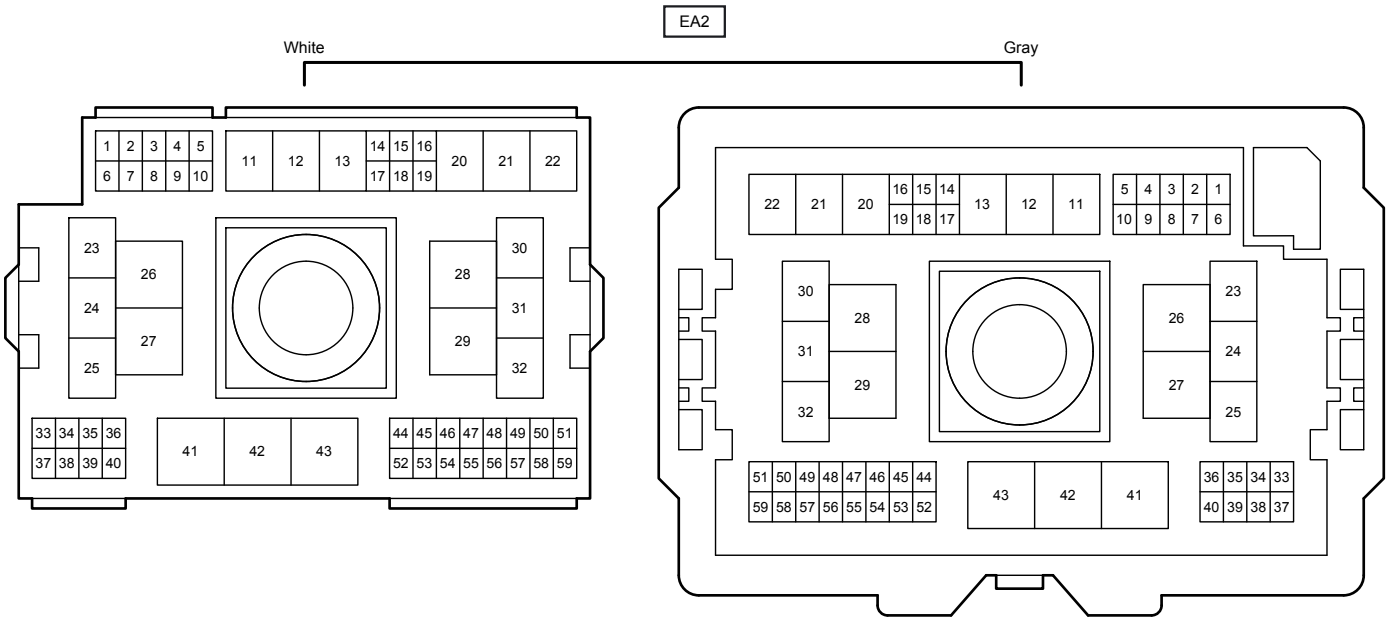


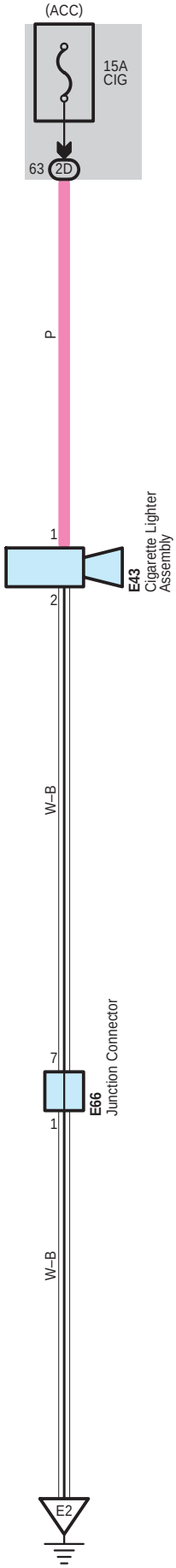
2B
White



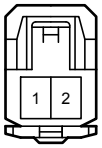
EA1
White



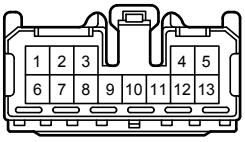

EA2
White
Gray
1 2 3 4 5
6 7 8 9 10
11 12 13 14 15 16
17 18 19 20 21 22
23 24 25 26 27
28 29 30 31 32
33 34 35 36
37 38 39 40
41 42 43
44 45 46 47 48 49 50 51
52 53 54 55 56 57 58 59
22 21 20 16 15 14
19 18 17 13 12 11
5 4 3 2 1
10 9 8 7 6
30 31 32 28 29
26 27 23 24 25
51 50 49 48 47 46 45 44
59 58 57 56 55 54 53 52
43 42 41
36 35 34 33
40 39 38 37


(ACC)
15A
CIG
63
2D
P
1
E43
Cigarette Lighter
Assembly
2
W–B
7
E66
Junction Connector
1
W–B
E2

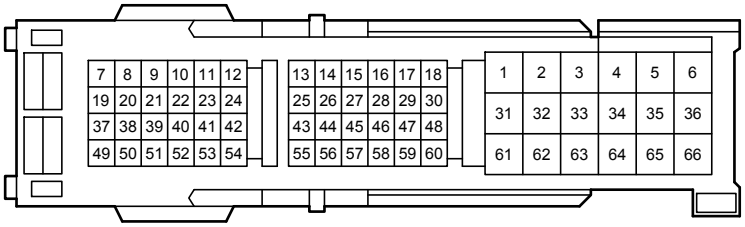
E 43
White

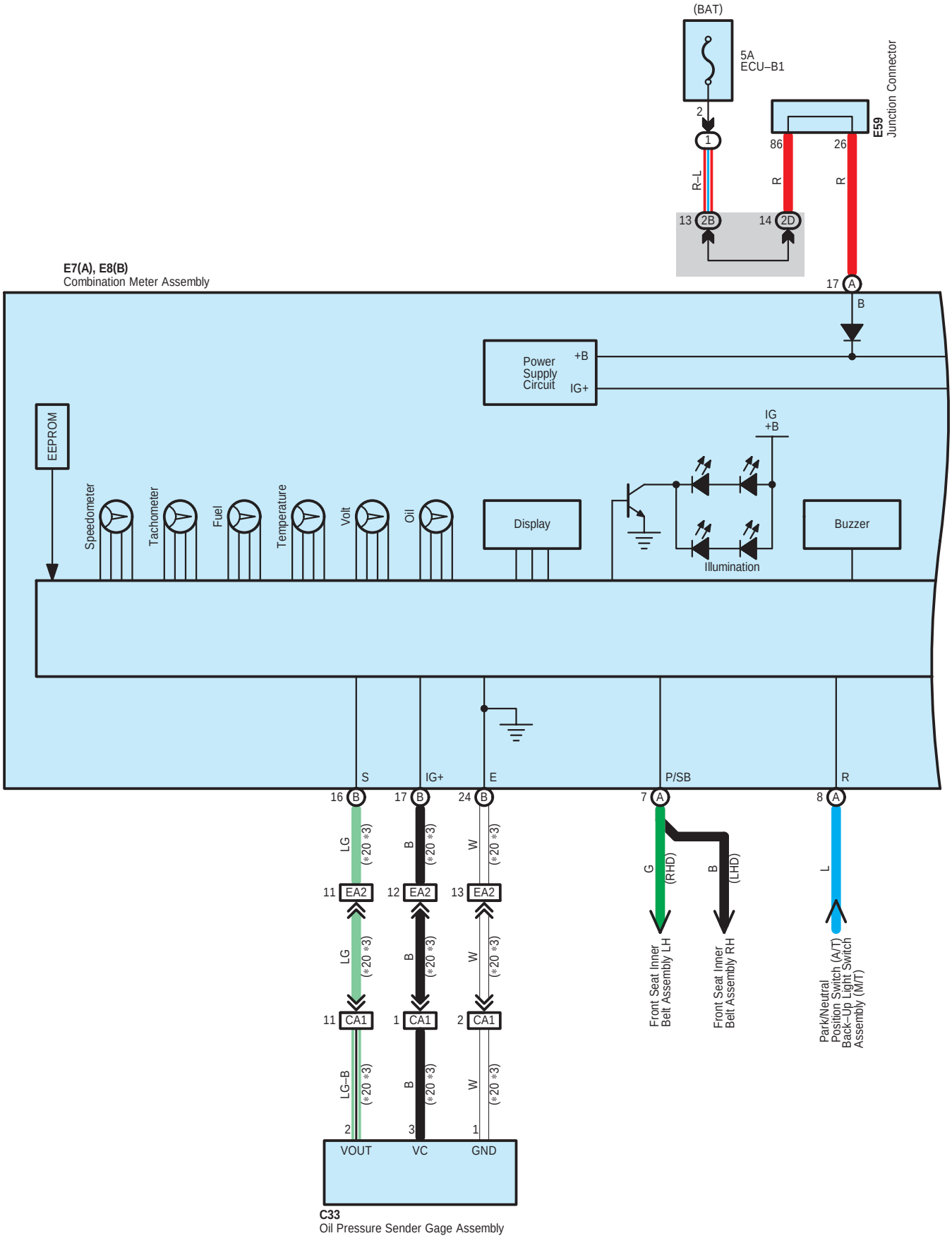


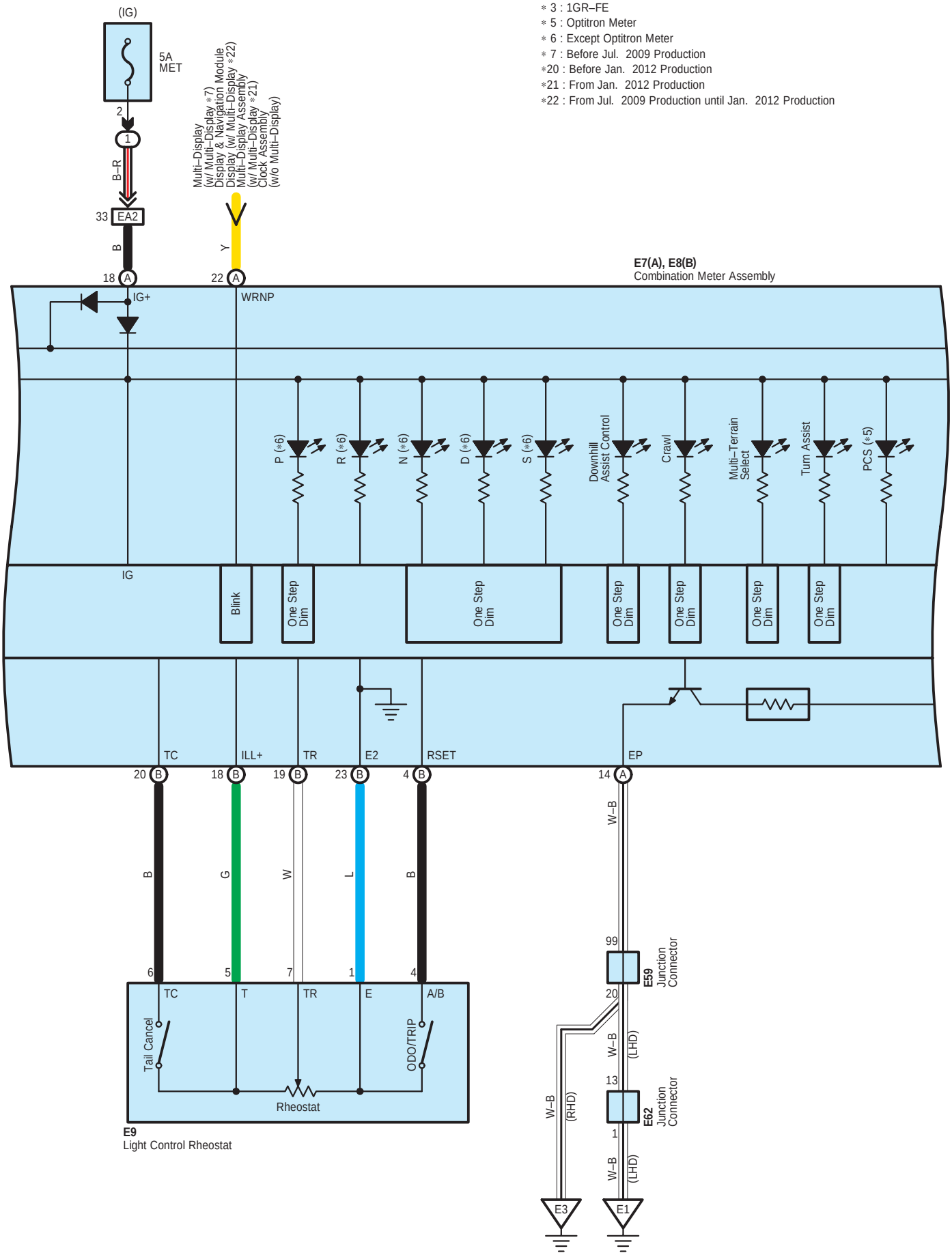
E 66
White

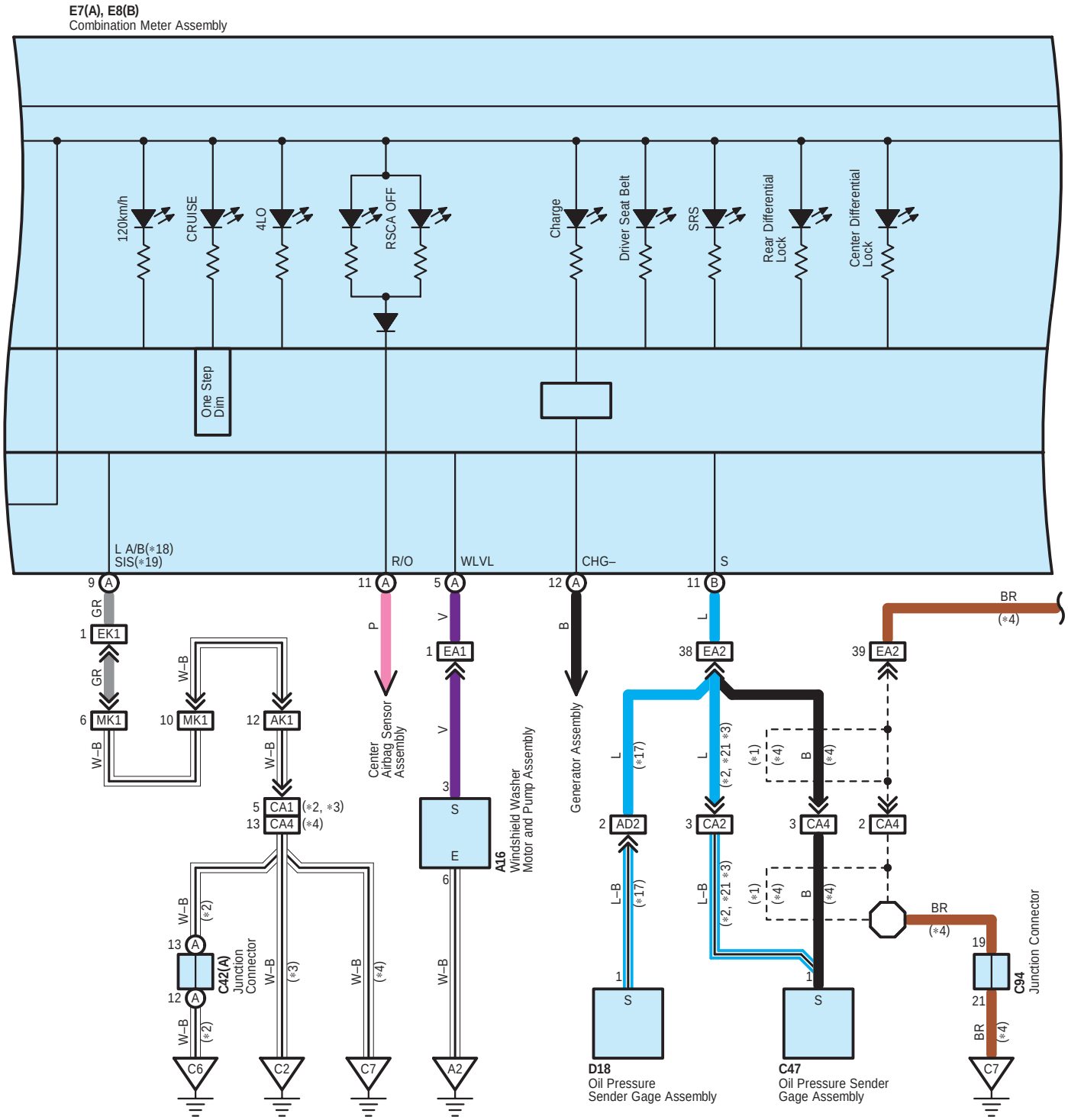


2D
White

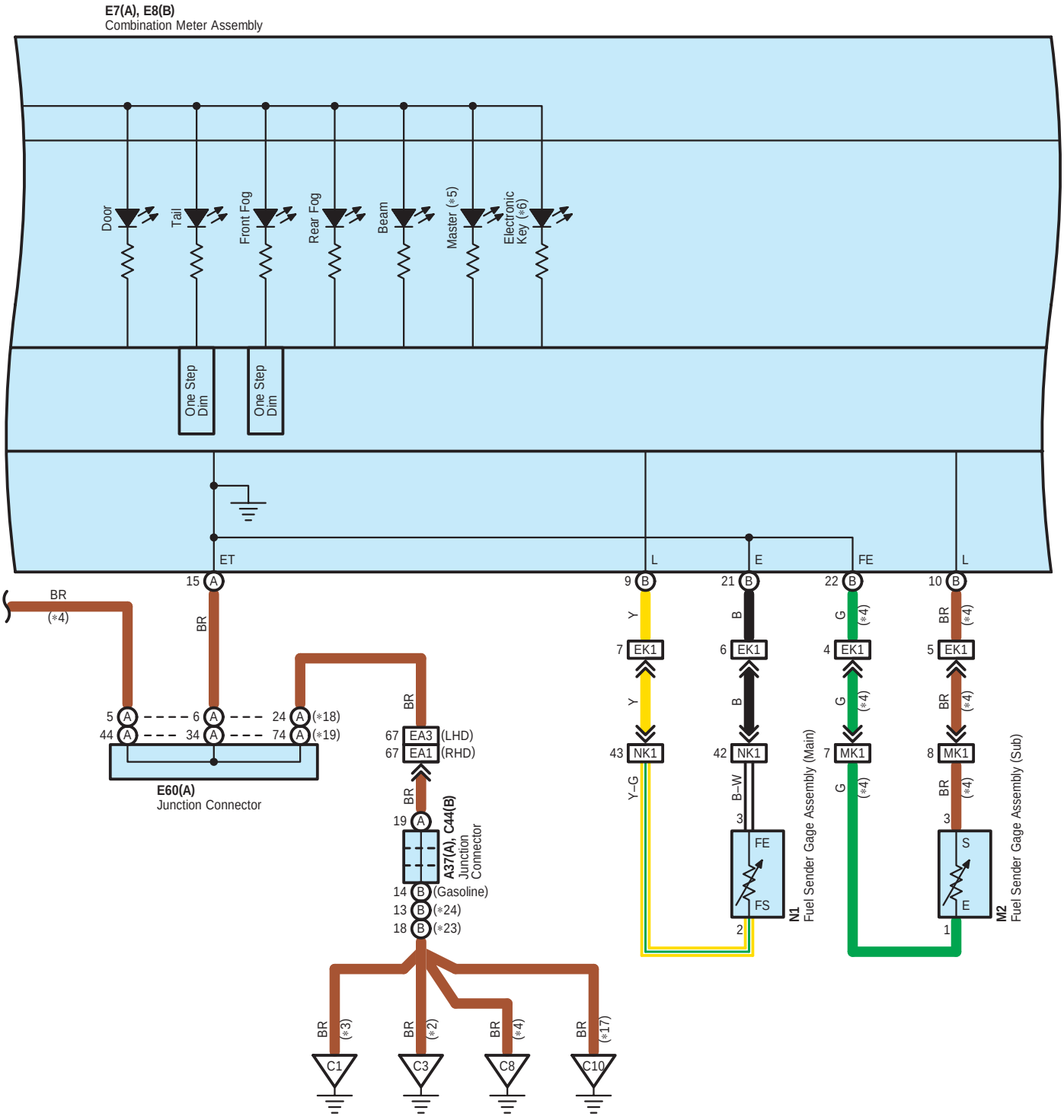


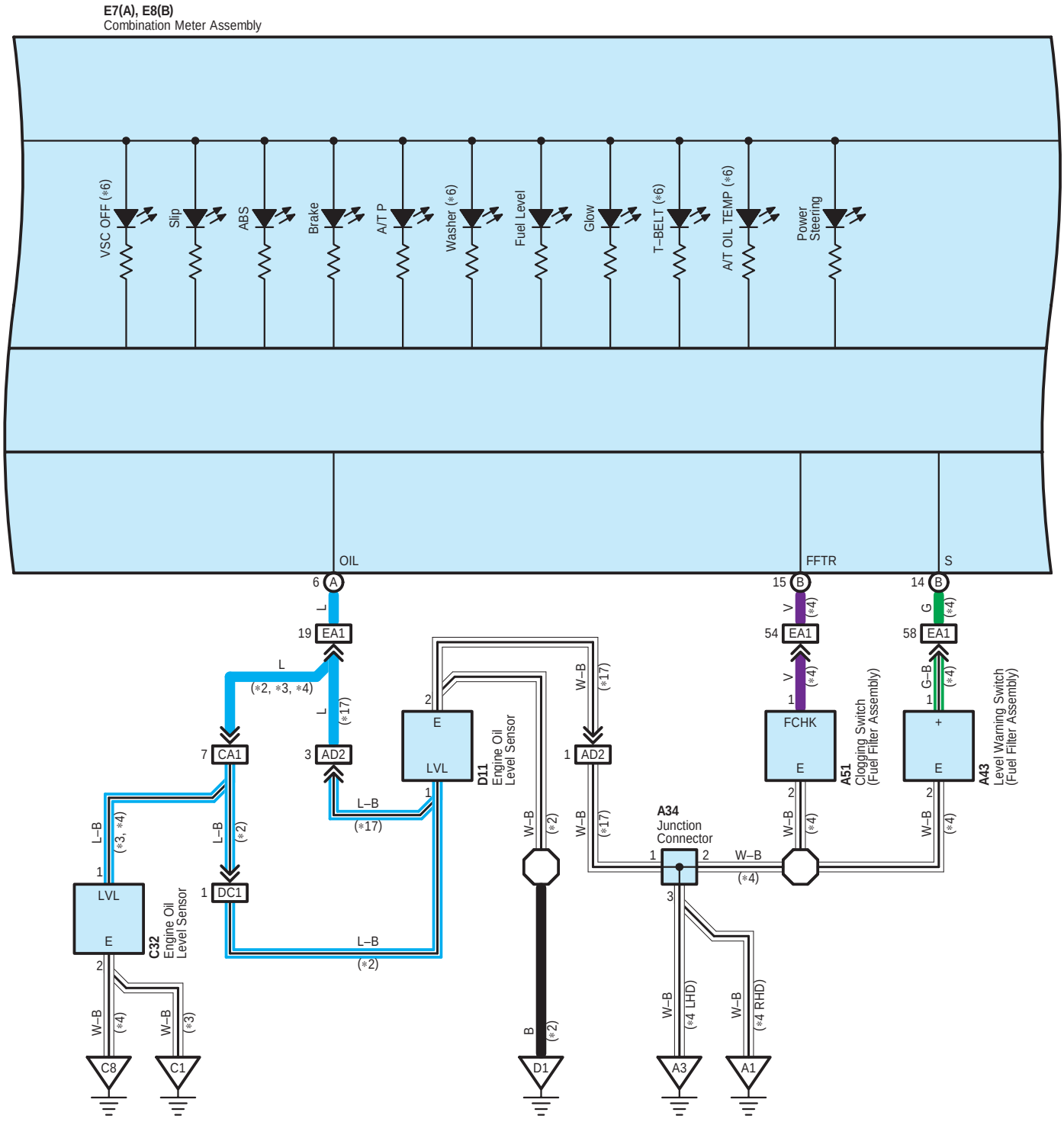

(BAT)
5A
ECU–B1
2
1
R–L
13 2B
14 2D
E59
Junction Connector
86
26
R
R
17 A
B
E7(A), E8(B)
Combination Meter Assembly
Power Supply Circuit
+B
IG+
IG
+B
EEPROM
Speedometer
Tachometer
Fuel
Temperature
Volt
Oil
Display
Buzzer
Illumination
S
IG+
E
P/SB
R
16 B
17 B
24 B
7 A
8 A
LG
B
W
G
(RHD)
B
(LHD)
L
(*20 *3)
11 EA2
12 EA2
13 EA2
11 CA1
1 CA1
2 CA1
LG–B
2
3
1
VOUT
VC
GND
Front Seat Inner Belt Assembly LH
Front Seat Inner Belt Assembly RH
Park/Neutral Position Switch (A/T) Back–Up Light Switch Assembly (M/T)
C33
Oil Pressure Sender Gage Assembly


∗ 3 : 1GR–FE
∗ 5 : Optitron Meter
∗ 6 : Except Optitron Meter
∗ 7 : Before Jul. 2009 Production
∗20 : Before Jan. 2012 Production
∗21 : From Jan. 2012 Production
∗22 : From Jul. 2009 Production until Jan. 2012 Production
(IG)
5A
MET
2
1
B–R
33 EA2
B
18 A
Multi–Display (w/ Multi–Display ∗7)
Display & Navigation Module
Display (w/ Multi–Display ∗22)
Multi–Display Assembly
(w/ Multi–Display ∗21)
Clock Assembly
(w/o Multi–Display)
Y
22 A
E7(A), E8(B)
Combination Meter Assembly
IG+
WRNP
P (∗6)
R (∗6)
N (∗6)
D (∗6)
S (∗6)
Downhill Assist Control
Crawl
Multi–Terrain Select
Turn Assist
PCS (∗5)
IG
Blink
One Step Dim
One Step Dim
One Step Dim
One Step Dim
One Step Dim
One Step Dim
One Step Dim
TC
ILL+
TR
E2
RSET
EP
20 B
18 B
19 B
23 B
4 B
14 A
B
G
W
L
B
W–B
6
5
7
1
4
99
E59
Junction Connector
TC
T
TR
E
A/B
20
Tail Cancel
ODO/TRIP
W–B
(LHD)
13
W–B
(RHD)
E62
Junction Connector
1
Rheostat
W–B
(LHD)
E3
E1
E9
Light Control Rheostat


E7(A), E8(B)
Combination Meter Assembly
120km/h
CRUISE
4LO
RSCA OFF
Charge
Driver Seat Belt
SRS
Rear Differential Lock
Center Differential Lock
One Step Dim
L A/B(*18) SIS(*19)
R/O
WLVL
CHG–
S
9 A
GR
1 EK1
GR
6 MK1
W–B
10 MK1
W–B
12 AK1
W–B
5 CA1 (*2, *3)
13 CA4 (*4)
11 A
P
Center Airbag Sensor Assembly
5 A
V
1 EA1
V
3 S E 6
A16
Windshield Washer Motor and Pump Assembly
12 A
B
Generator Assembly
11 B
L
38 EA2
39 EA2
BR (*4)
L (*17)
2 AD2
L–B (*17)
1 S
D18
Oil Pressure Sender Gage Assembly
L (*2, *21 *3)
3 CA2
L–B (*2, *21 *3)
(*1) (*4) B (*4)
3 CA4
1 S
C47
Oil Pressure Sender Gage Assembly
2 CA4
BR (*4)
19
21
BR (*4)
C94
Junction Connector
C7
13 A
12 A
C42(A)
Junction Connector
W–B (*2)
W–B (*3)
W–B (*4)
W–B
W–B (*2)
C6
C2
C7
A2

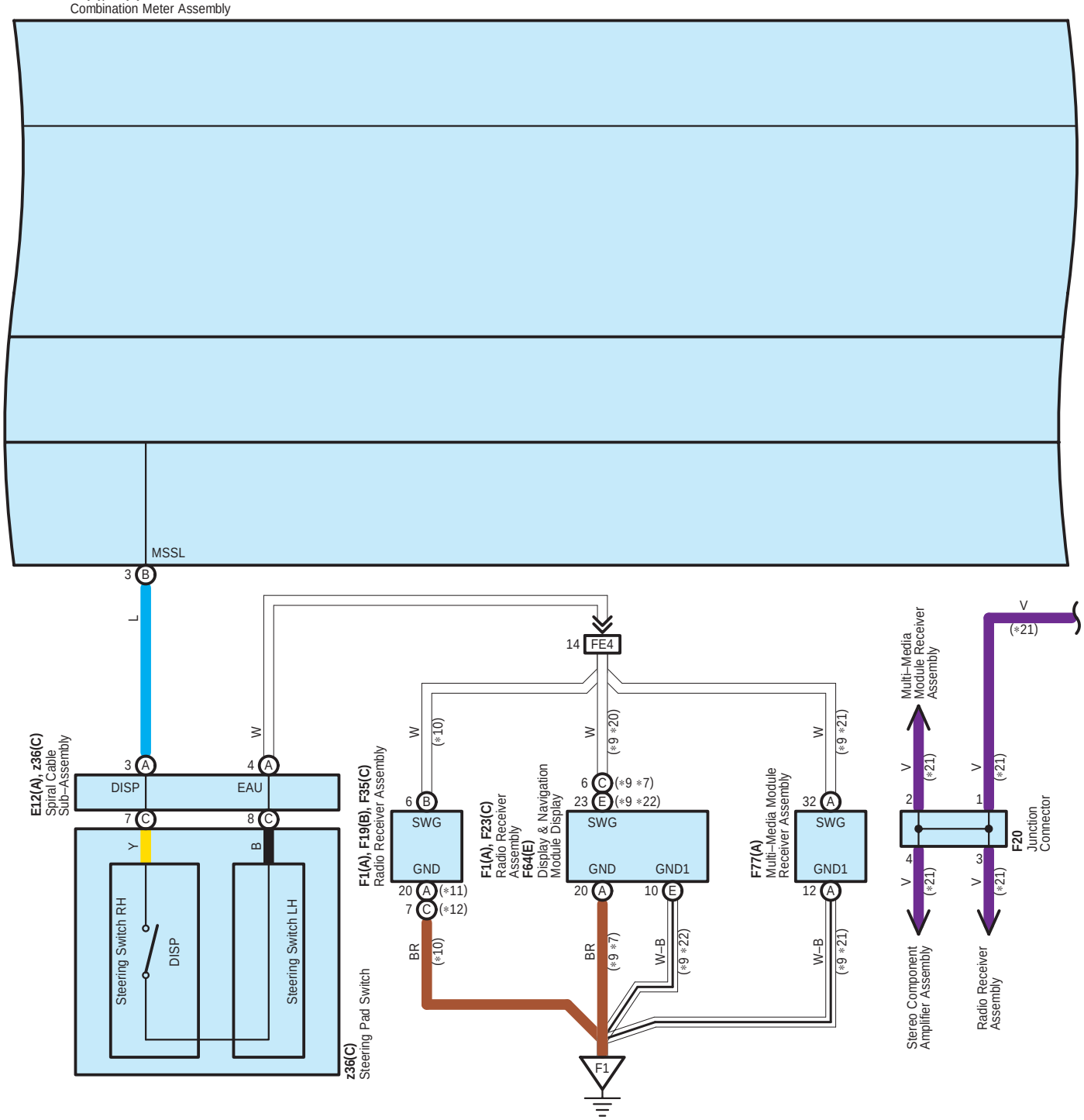
∗ 1 : Shielded
∗ 2 : 2UZ–FE
∗ 3 : 1GR–FE
∗ 4 : 1VD–FTV
∗ 5 : Optitron Meter
∗ 6 : Except Optitron Meter
∗17 : 3UR–FE, 1UR–FE
∗18 : Before Jan. 2012 Production Liftgate Type
∗19 : From Jan. 2012 Production Liftgate Type, Swing Type
∗21 : From Jan. 2012 Production
∗23 : 1VD–FTV w/ DPF
∗24 : 1VD–FTV w/o DPF



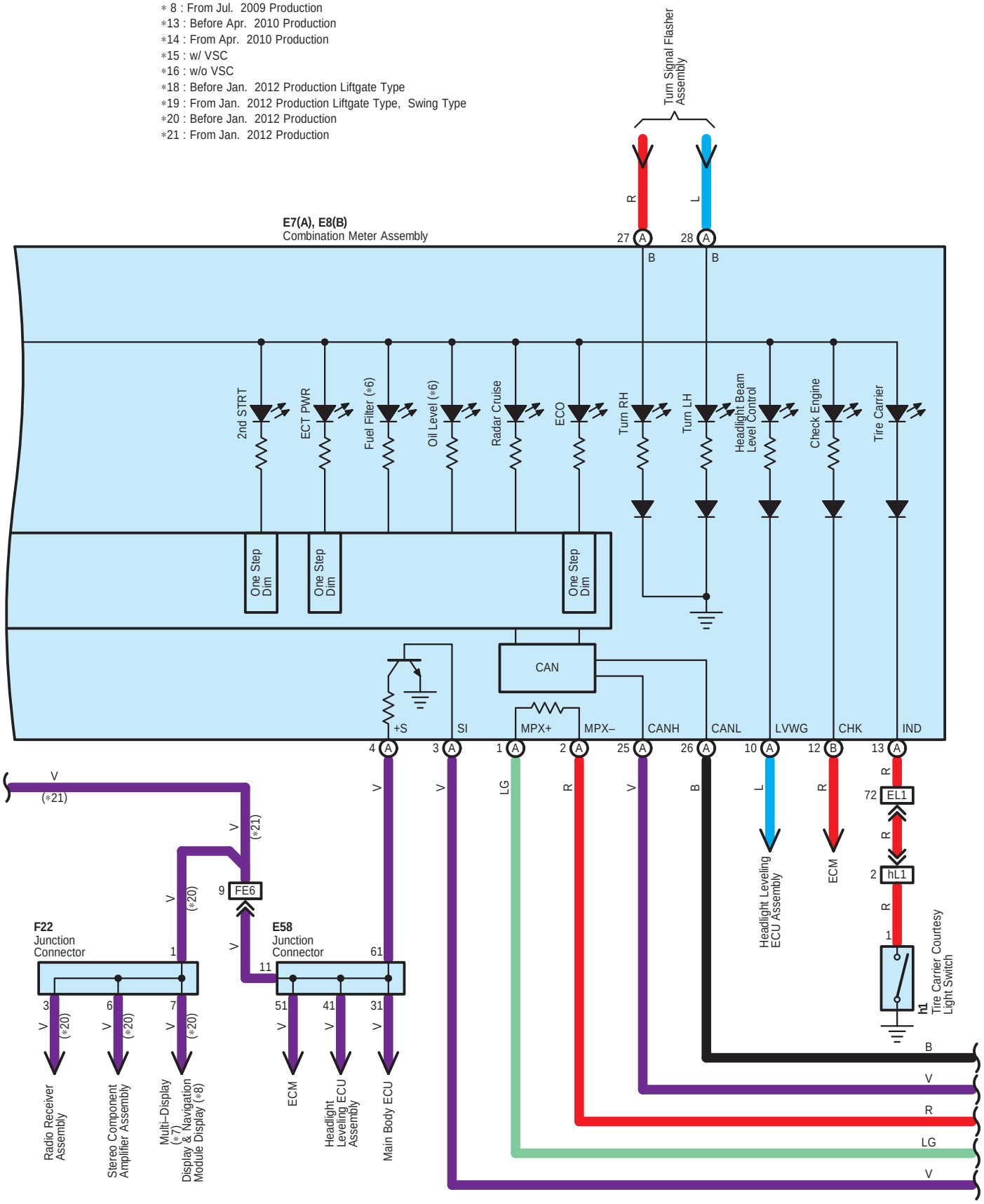

E7(A), E8(B)
Combination Meter Assembly
VSC OFF (*6)
Slip
ABS
Brake
A/T P
Washer (*6)
Fuel Level
Glow
T-BELT (*6)
A/T OIL TEMP (*6)
Power Steering
OIL
FFTR
S
6 A
19 EA1
15 B
54 EA1
14 B
58 EA1
L
(*2, *3, *4)
L (*17)
V (*4)
G (*4)
G-B (*4)
7 CA1
3 AD2
1 AD2
2 E
LVL
1
D11 Engine Oil Level Sensor
W-B (*17)
W-B (*2)
L-B (*17)
1 FCHK
E
2
A51 Clogging Switch (Fuel Filter Assembly)
1 +
E
2
A43 Level Warning Switch (Fuel Filter Assembly)
W-B (*4)
A34 Junction Connector
1 2
3
L-B (*3, *4)
L-B (*2)
1 LVL
E
2
C32 Engine Oil Level Sensor
1 DC1
L-B (*2)
W-B (*4)
W-B (*3)
B (*2)
W-B (*4 LHD)
W-B (*4 RHD)
C8
C1
D1
A3
A1

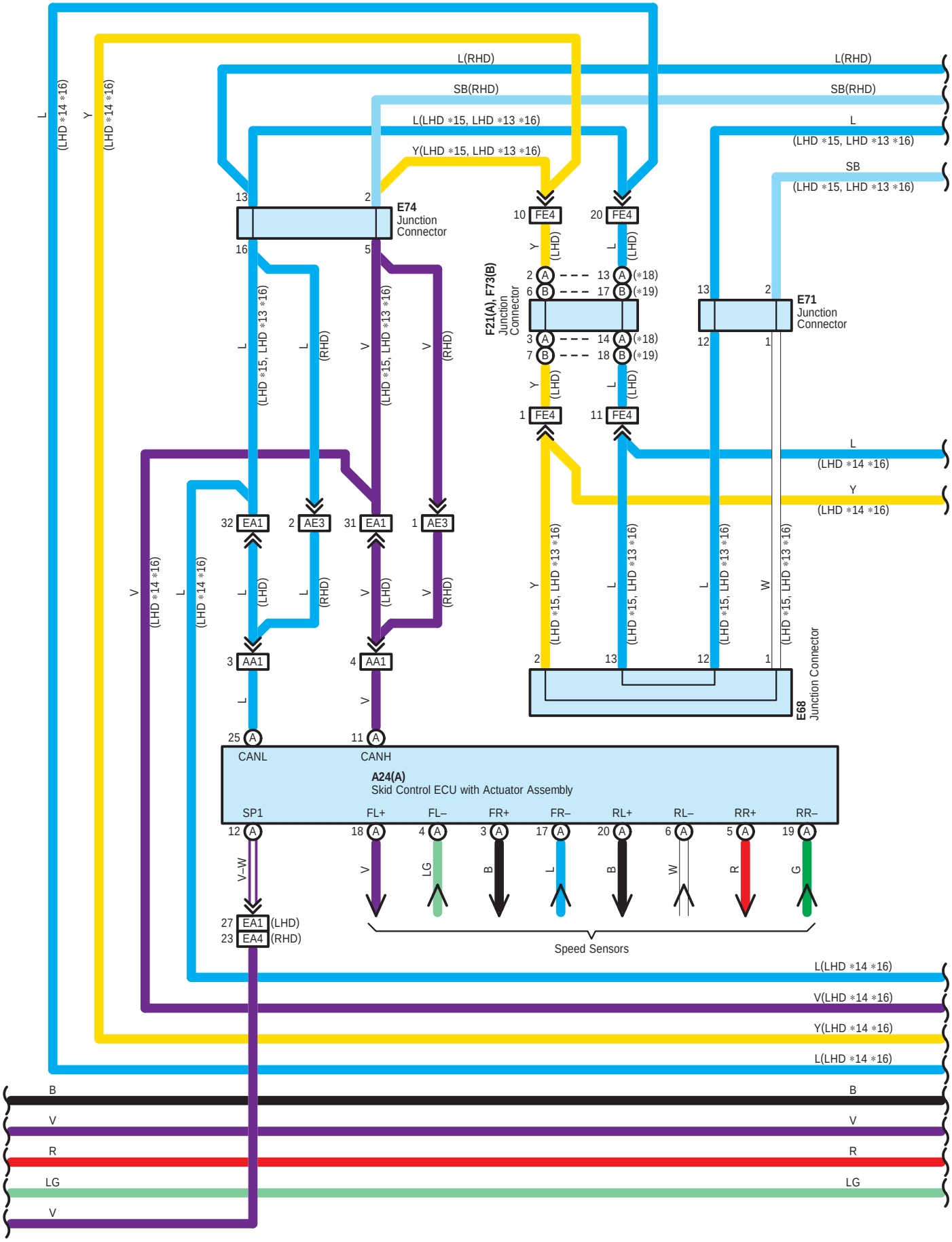
∗ 2 : 2UZ–FE
∗ 3 : 1GR–FE
∗ 4 : 1VD–FTV
∗ 6 : Except Optitron Meter
∗ 7 : Before Jul. 2009 Production
∗ 9 : w/ Multi–Display
∗10 : w/o Multi–Display
∗11 : w/ Stereo Component Amplifier
∗12 : w/o Stereo Component Amplifier
∗17 : 3UR–FE, 1UR–FE
∗20 : Before Jan. 2012 Production
∗21 : From Jan. 2012 Production
∗22 : From Jul. 2009 Production until Jan. 2012 Production

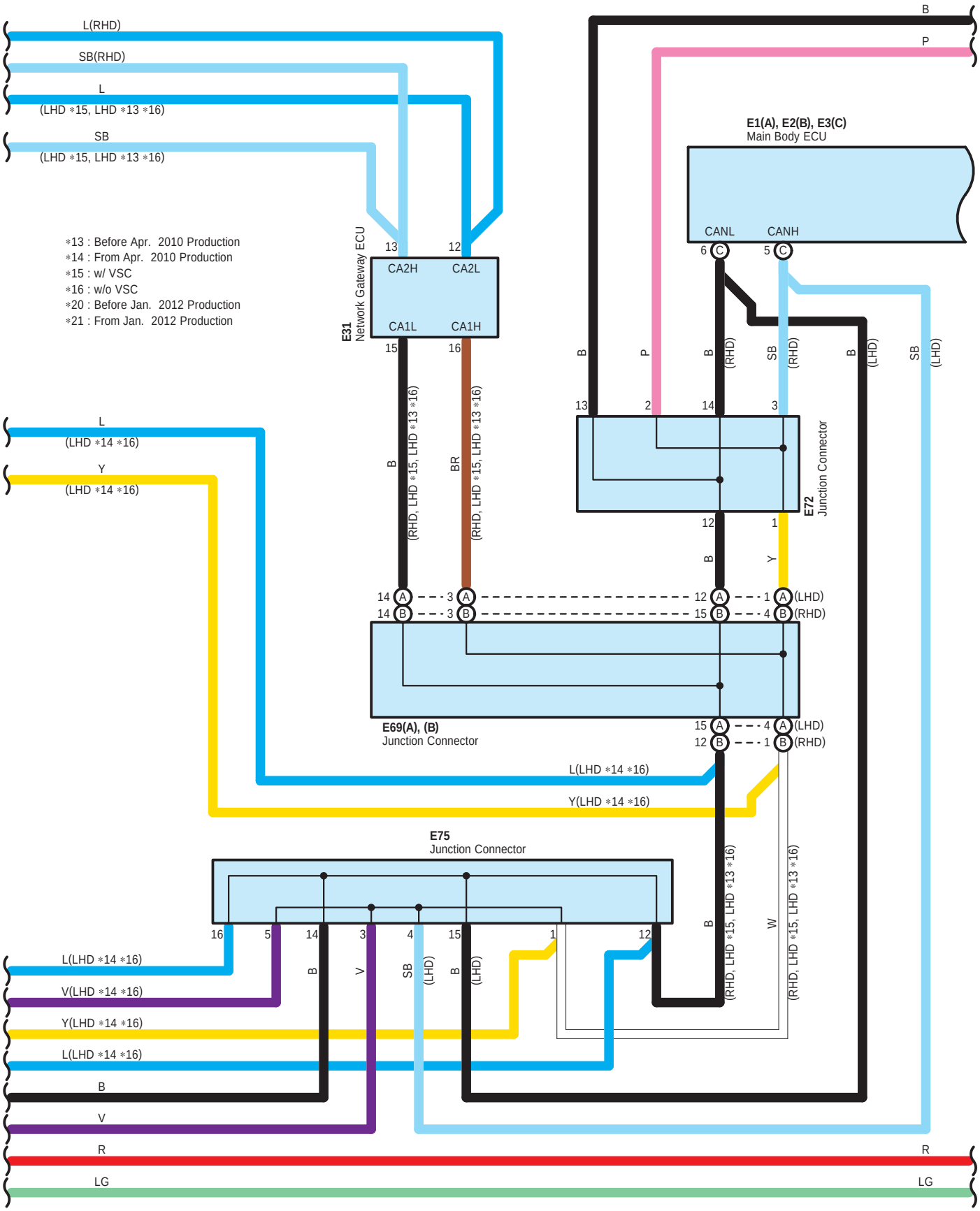
E7(A), E8(B)
Combination Meter Assembly

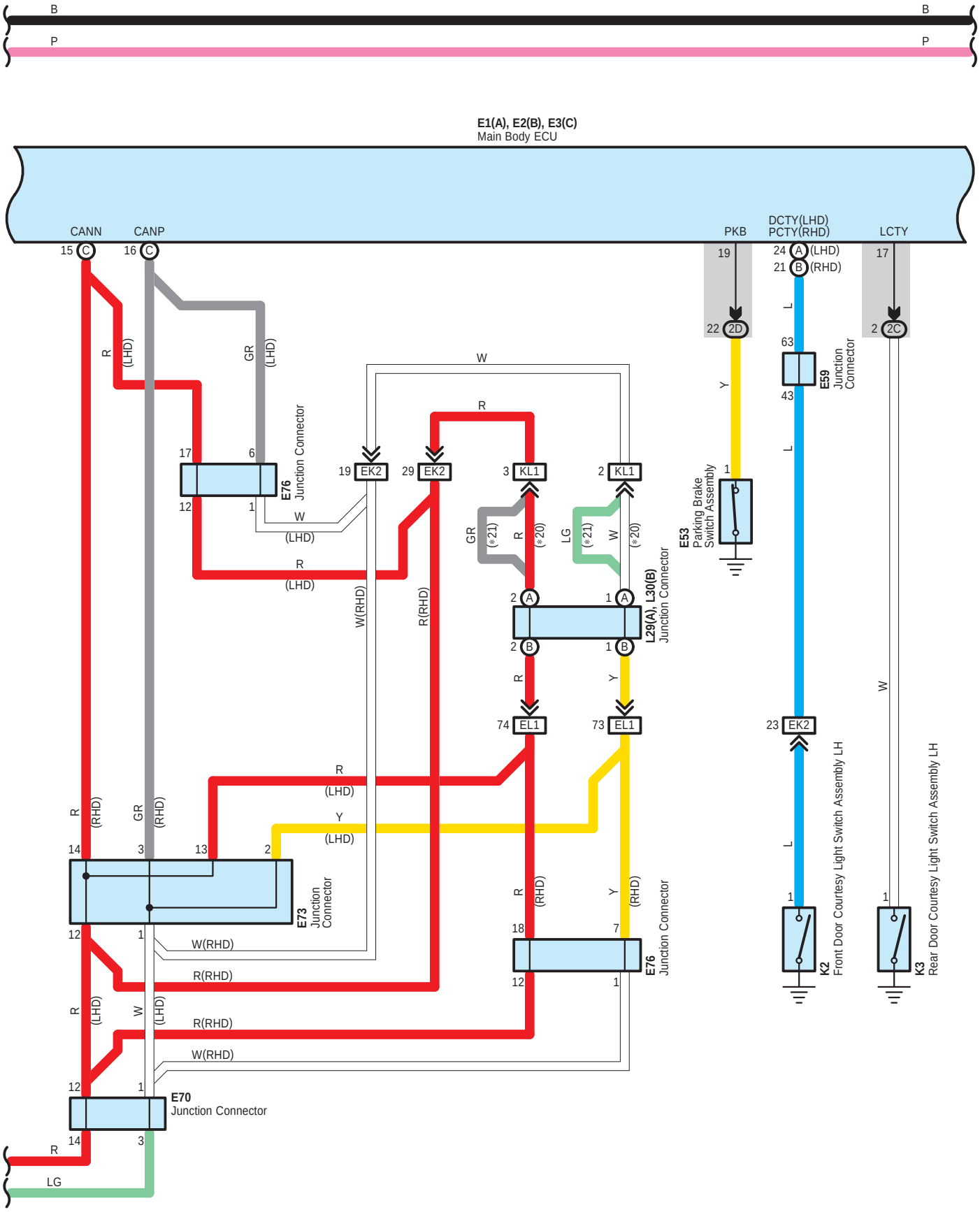


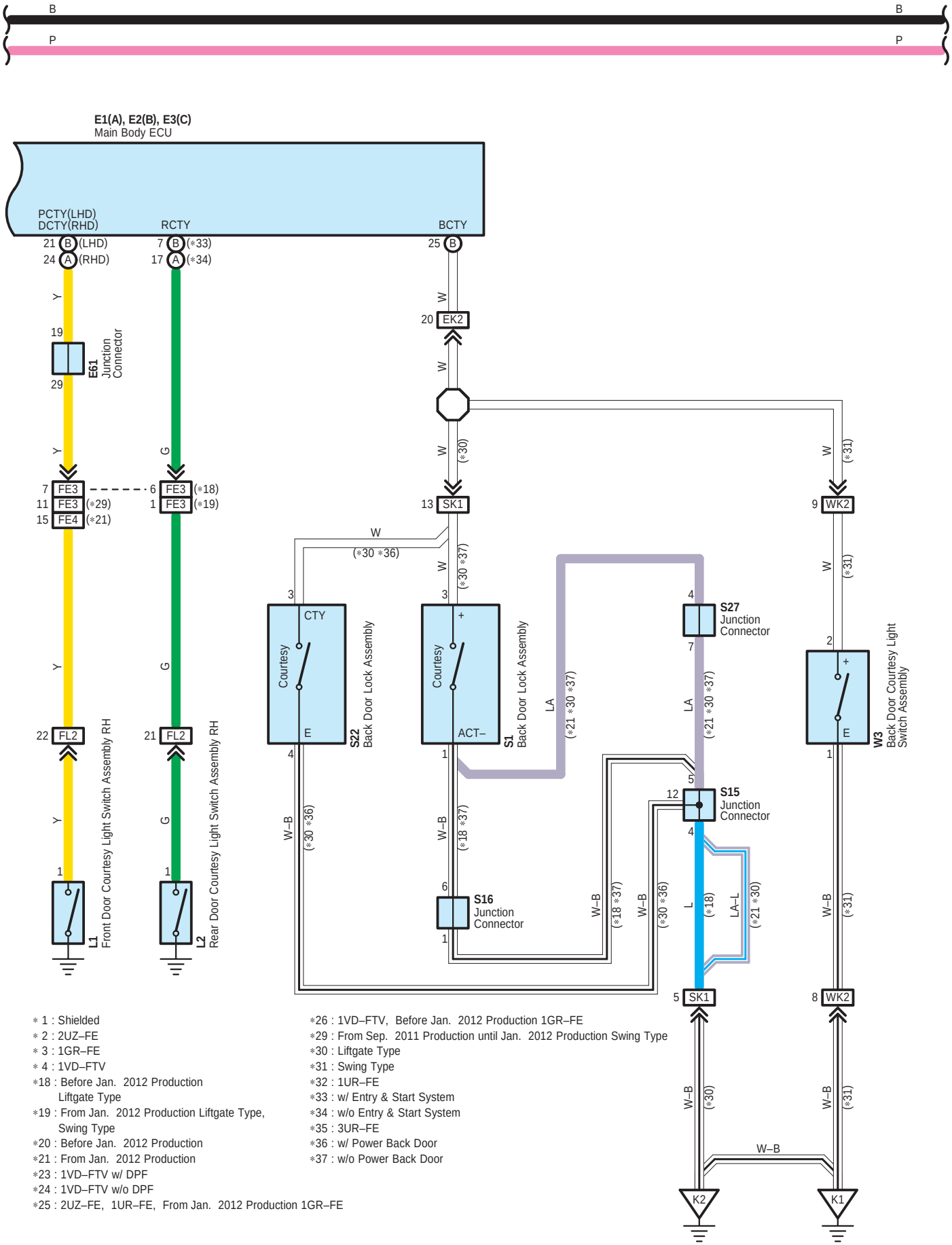
∗ 6 : Except Optitron Meter
∗ 7 : Before Jul. 2009 Production
∗ 8 : From Jul. 2009 Production
∗13 : Before Apr. 2010 Production
∗14 : From Apr. 2010 Production
∗15 : w/ VSC
∗16 : w/o VSC
∗18 : Before Jan. 2012 Production Liftgate Type
∗19 : From Jan. 2012 Production Liftgate Type, Swing Type
∗20 : Before Jan. 2012 Production
∗21 : From Jan. 2012 Production



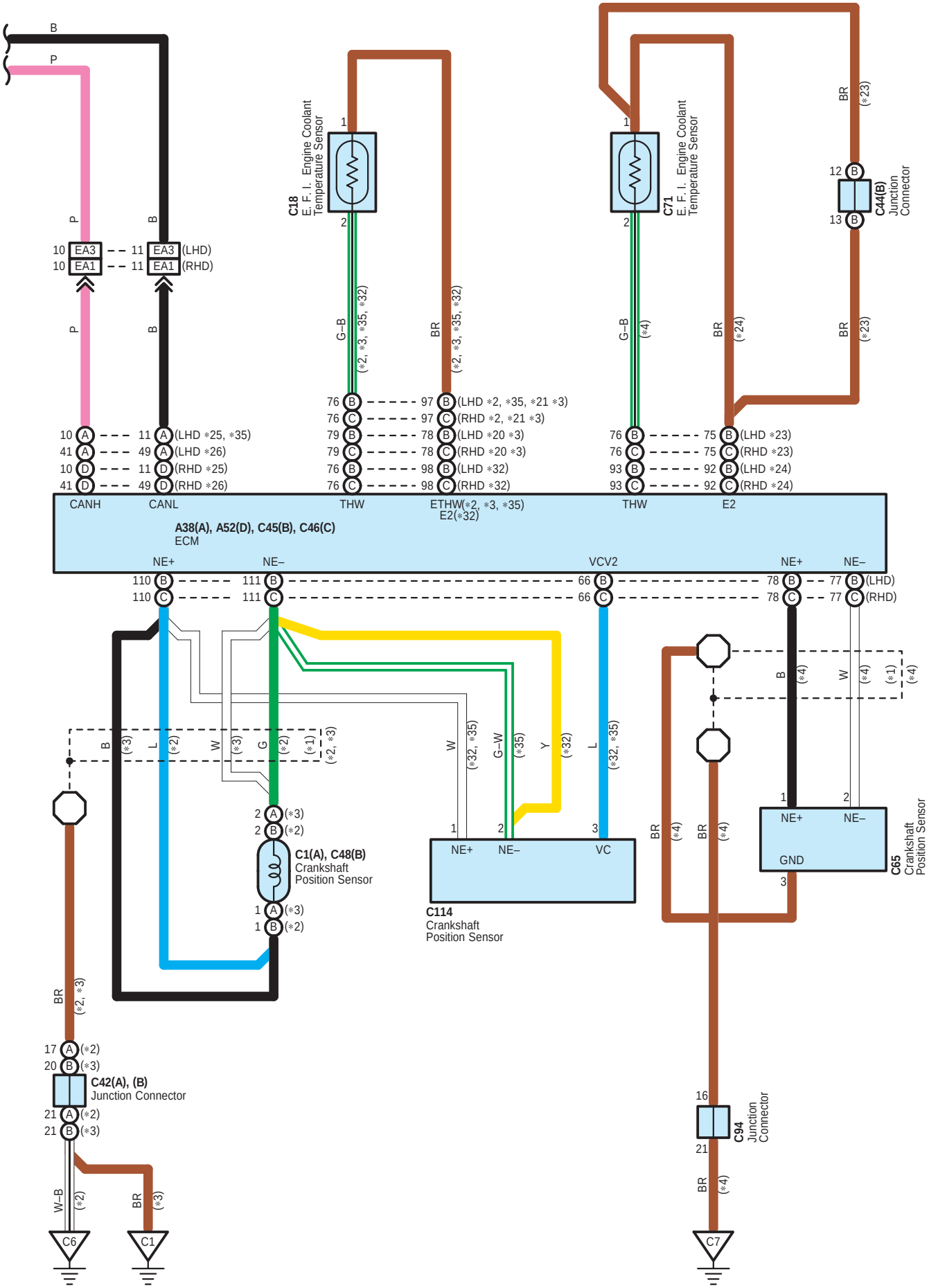

L(RHD)
SB(RHD)
L(LHD ∗15, LHD ∗13 ∗16)
Y(LHD ∗15, LHD ∗13 ∗16)
L(LHD ∗14 ∗16)
Y(LHD ∗14 ∗16)
E74
Junction Connector
F21(A), F73(B)
Junction Connector
E71
Junction Connector
E68
Junction Connector
A24(A)
Skid Control ECU with Actuator Assembly
CANL
CANH
SP1
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
Speed Sensors
V(LHD ∗14 ∗16)
B
V
R
LG


L(RHD)
SB(RHD)
L
(LHD *15, LHD *13 *16)
SB
(LHD *15, LHD *13 *16)
*13 : Before Apr. 2010 Production
*14 : From Apr. 2010 Production
*15 : w/ VSC
*16 : w/o VSC
*20 : Before Jan. 2012 Production
*21 : From Jan. 2012 Production
E31
Network Gateway ECU
CA2H
CA2L
CA1L
CA1H
E1(A), E2(B), E3(C)
Main Body ECU
CANL
CANH
E72
Junction Connector
E69(A), (B)
Junction Connector
E75
Junction Connector
L(LHD *14 *16)
Y(LHD *14 *16)
V(LHD *14 *16)
B
V
R
LG
(RHD, LHD *15, LHD *13 *16)
(LHD)
(RHD)

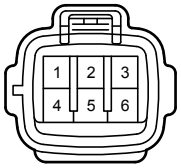

B
P
B
P
E1(A), E2(B), E3(C)
Main Body ECU
CANN
CANP
PKB
DCTY(LHD)
PCTY(RHD)
LCTY
15 C
16 C
19
24 A (LHD)
21 B (RHD)
17
22 2D
2 2C
R (LHD)
GR (LHD)
W
R
Y
L
63
43
E59 Junction Connector
17
6
12
1
E76 Junction Connector
19 EK2
29 EK2
3 KL1
2 KL1
W (LHD)
R (LHD)
GR (*21)
R (*20)
LG (*21)
W (*20)
E53 Parking Brake Switch Assembly
2 A
1 A
2 B
1 B
L29(A), L30(B) Junction Connector
W(RHD)
R(RHD)
R
Y
74 EL1
73 EL1
23 EK2
R (LHD)
Y (LHD)
14
3
13
2
E73 Junction Connector
R (RHD)
GR (RHD)
R (RHD)
Y (RHD)
18
7
12
1
E76 Junction Connector
W(RHD)
R(RHD)
R(RHD)
W(RHD)
R (LHD)
W (LHD)
12
1
E70 Junction Connector
14
3
R
LG
1
K2 Front Door Courtesy Light Switch Assembly LH
1
K3 Rear Door Courtesy Light Switch Assembly LH



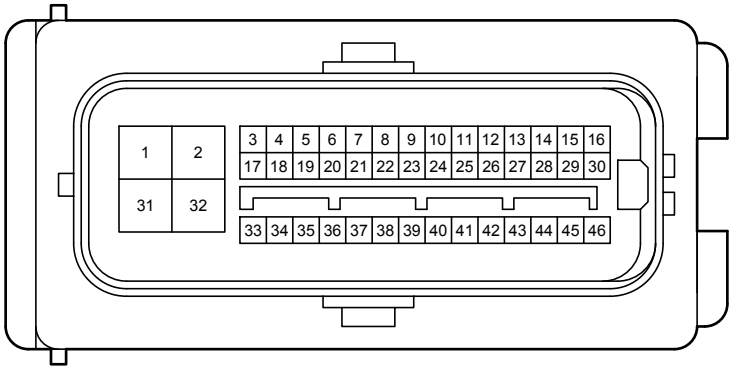
* 1 : Shielded
* 2 : 2UZ–FE
* 3 : 1GR–FE
* 4 : 1VD–FTV
*18 : Before Jan. 2012 Production Liftgate Type
*19 : From Jan. 2012 Production Liftgate Type, Swing Type
*20 : Before Jan. 2012 Production
*21 : From Jan. 2012 Production
*23 : 1VD–FTV w/ DPF
*24 : 1VD–FTV w/o DPF
*25 : 2UZ–FE, 1UR–FE, From Jan. 2012 Production 1GR–FE
*26 : 1VD–FTV, Before Jan. 2012 Production 1GR–FE
*29 : From Sep. 2011 Production until Jan. 2012 Production Swing Type
*30 : Liftgate Type
*31 : Swing Type
*32 : 1UR–FE
*33 : w/ Entry & Start System
*34 : w/o Entry & Start System
*35 : 3UR–FE
*36 : w/ Power Back Door
*37 : w/o Power Back Door


B
P
P
B
10 EA3 — 11 EA3 (LHD)
10 EA1 — 11 EA1 (RHD)
C18
E. F. I. Engine Coolant Temperature Sensor
C71
E. F. I. Engine Coolant Temperature Sensor
C44(B)
Junction Connector
G–B (*2, *3, *35, *32)
BR (*2, *3, *35, *32)
G–B (*4)
BR (*24)
BR (*23)
10 A — 11 A (LHD *25, *35)
41 A — 49 A (LHD *26)
10 D — 11 D (RHD *25)
41 D — 49 D (RHD *26)
76 B — 97 B (LHD *2, *35, *21 *3)
76 C — 97 C (RHD *2, *21 *3)
79 B — 78 B (LHD *20 *3)
79 C — 78 C (RHD *20 *3)
76 B — 98 B (LHD *32)
76 C — 98 C (RHD *32)
76 B — 75 B (LHD *23)
76 C — 75 C (RHD *23)
93 B — 92 B (LHD *24)
93 C — 92 C (RHD *24)
CANH
CANL
THW
ETHW(*2, *3, *35)
E2(*32)
THW
E2
A38(A), A52(D), C45(B), C46(C)
ECM
NE+
NE–
VCV2
NE+
NE–
110 B — 111 B — 66 B — 78 B — 77 B (LHD)
110 C — 111 C — 66 C — 78 C — 77 C (RHD)
B (*3)
L (*2)
W (*3)
G (*2)
(*1)
(*2, *3)
W (*32, *35)
G–W (*35)
Y (*32)
L (*32, *35)
B (*4)
W (*4)
(*1)
(*4)
C1(A), C48(B)
Crankshaft Position Sensor
C114
Crankshaft Position Sensor
NE+
NE–
VC
NE+
NE–
GND
C65
Crankshaft Position Sensor
BR (*2, *3)
17 A (*2)
20 B (*3)
C42(A), (B)
Junction Connector
21 A (*2)
21 B (*3)
W–B (*2)
BR (*3)
C6
C1
16
C94
Junction Connector
21
BR (*4)
C7

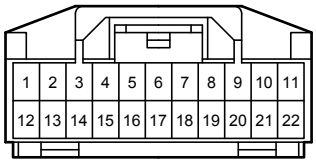
A 16
Gray



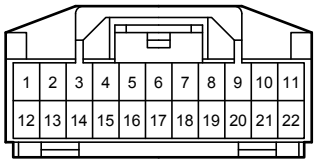
A 24
Black



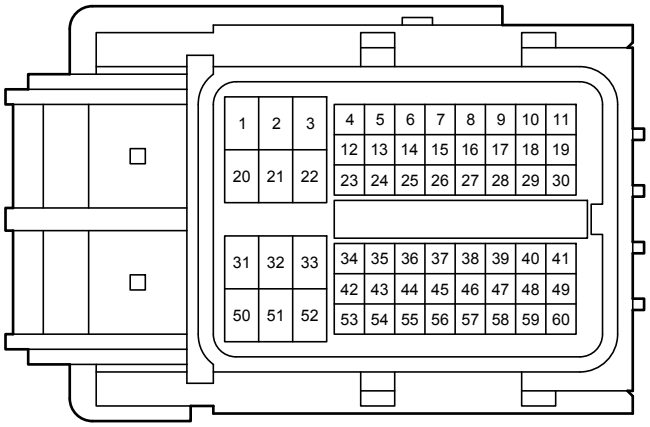
A 34
White



A 37
Blue



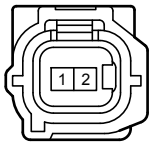
A 38
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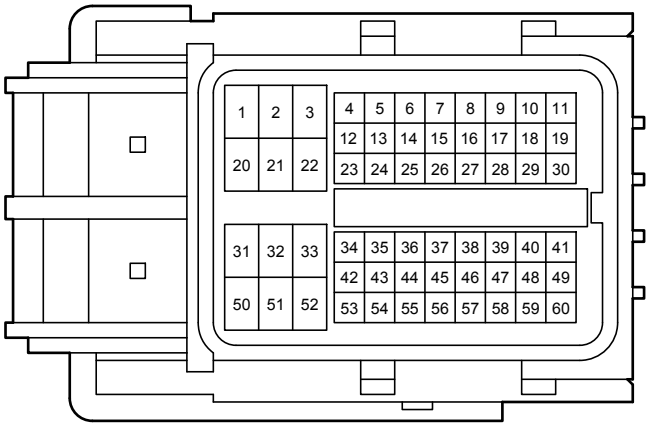
A 43
Gray



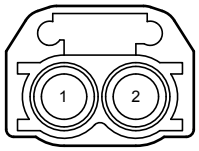
A 51
Black



A 52
Black



C 1
Black



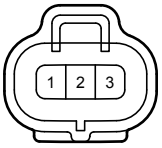
C 18
Dark Gray



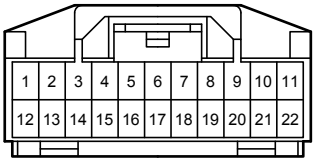
C 32
Gray



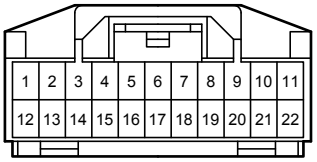
C 33
Black



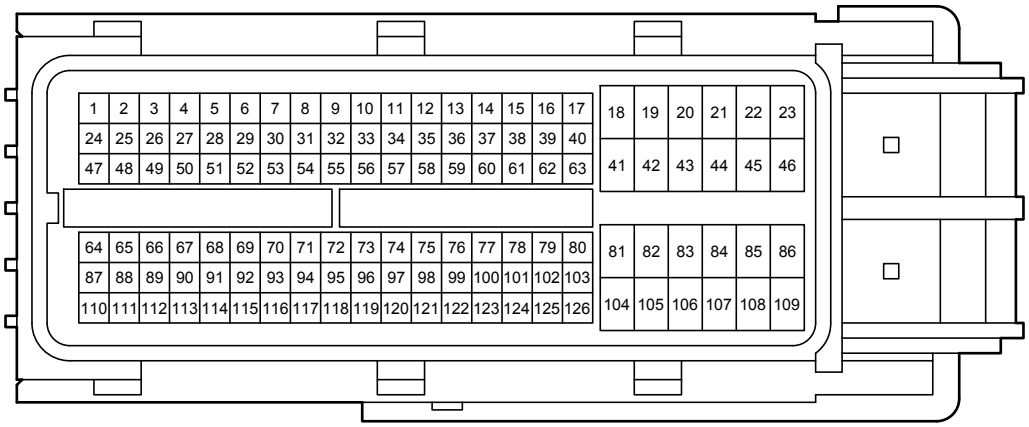
C 42
White



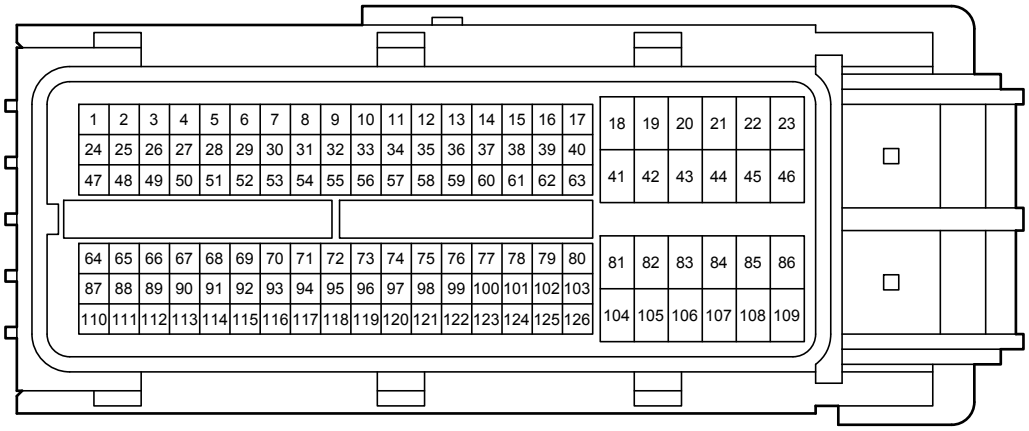
C 44
Blue



C 45
Black



C 46
Black



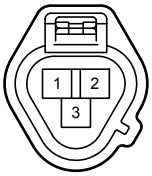
C 47
Black



C 48
Dark Gray



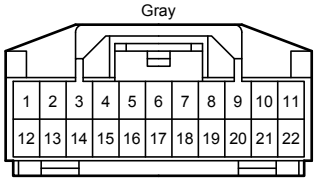
C 65
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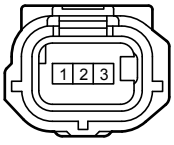
C 71
Gray



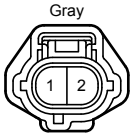
C 94
Gray



C114
Black



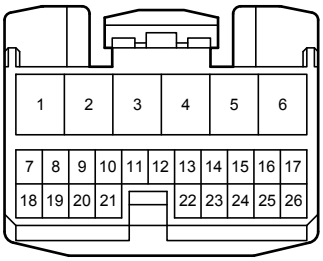
D 11
Gray



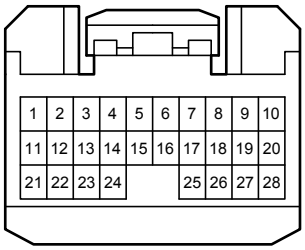
D 18
Black



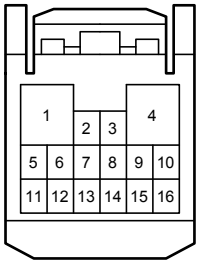
E 1
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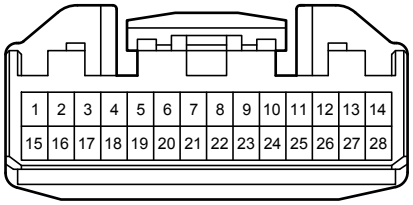
E 2
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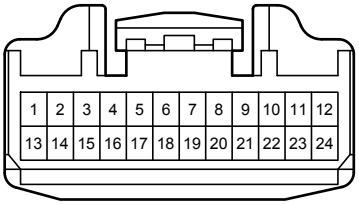
E 3
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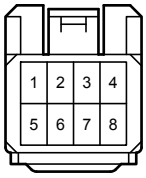
E 7
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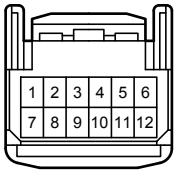
E 8
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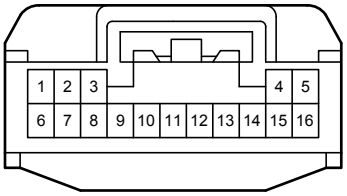
E 9
White



E 12
Black



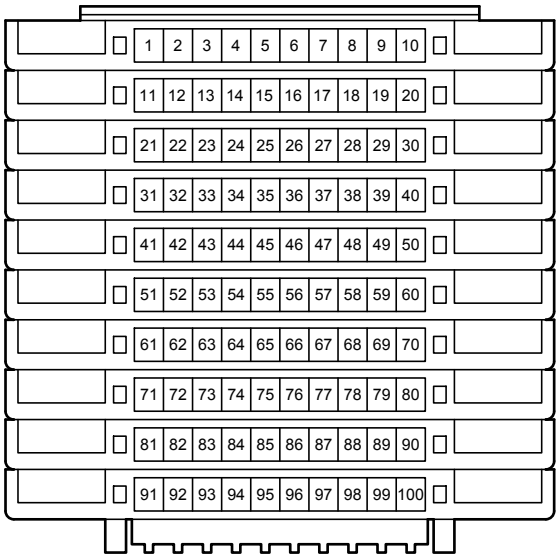
E 31
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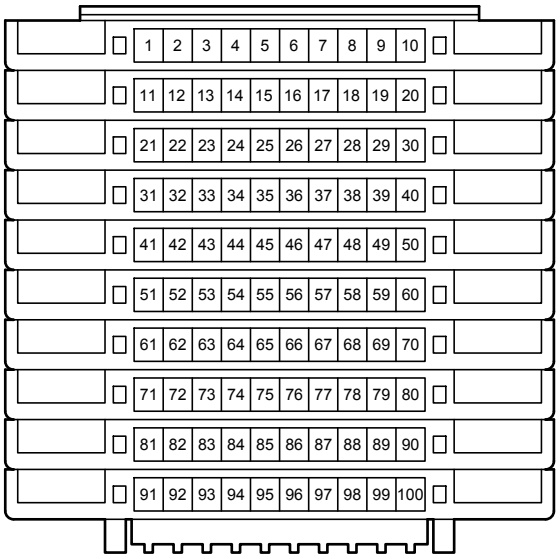
E 53
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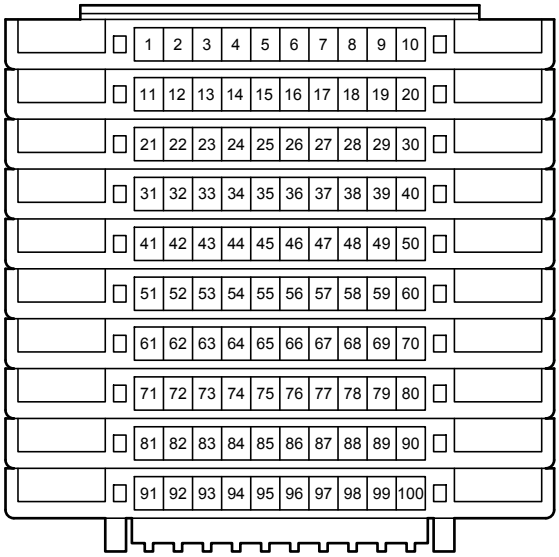
E 58



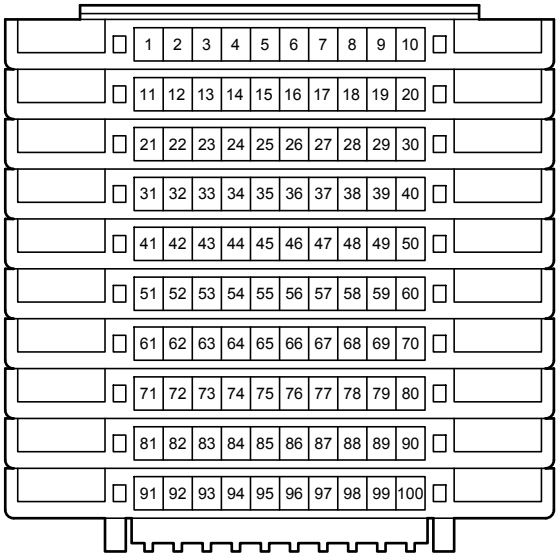
E 59



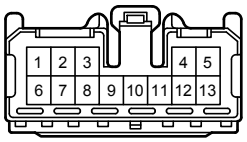
E 60



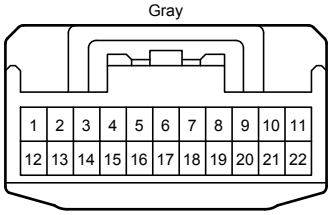
E 61



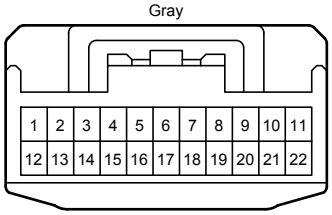
E 62
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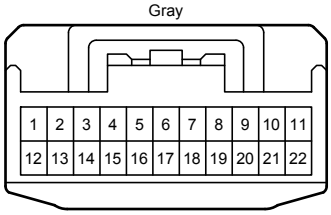
E 68
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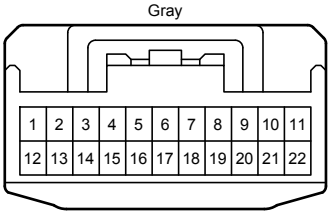
E 69
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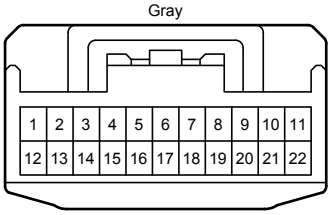
E 70
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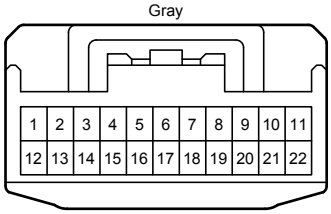
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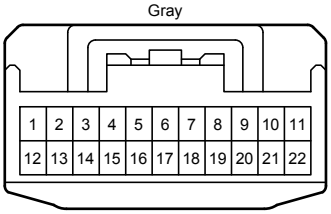
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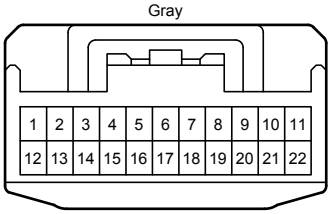
E 73
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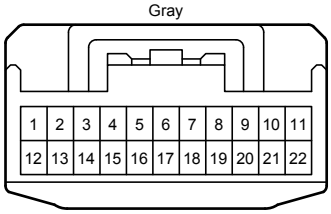
E 74
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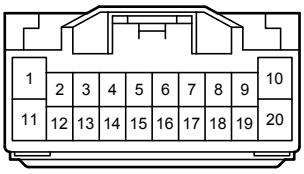
E 75
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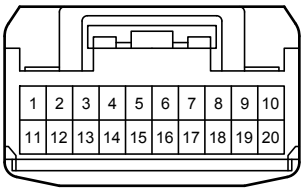
E 76
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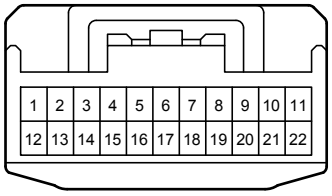
F 1
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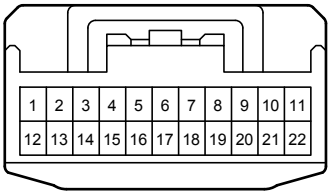
F 19
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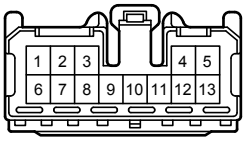
F 20
Gray



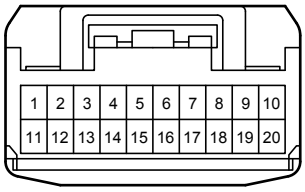
F 21
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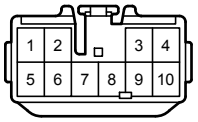
F 22
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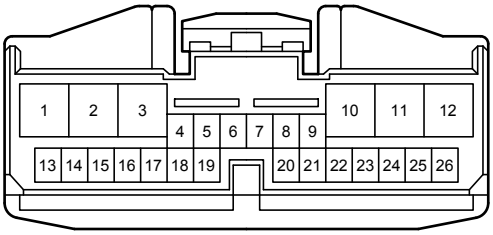
F 23
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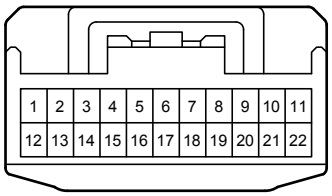
F 35
White



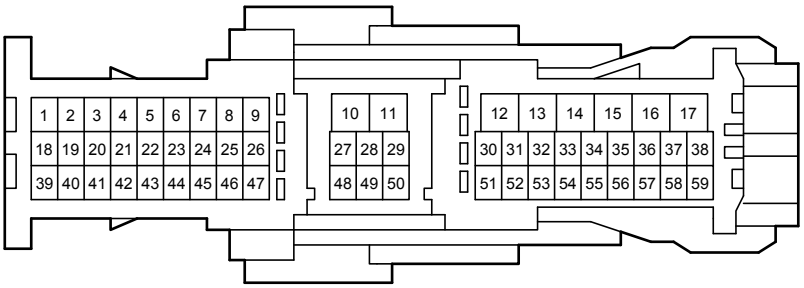
F 64
White



F 73
Blue



F 77
White



K 2
White



K 3
White



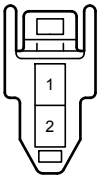
L 1
White



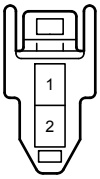
L 2
White



L 29
White



L 30
White



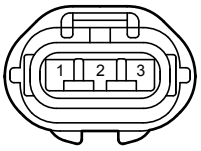
M 2
Black



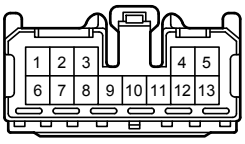
N 1
White



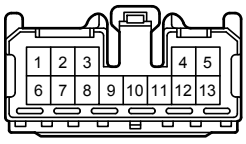
S 1
Black



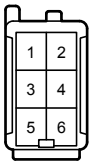
S 15
White



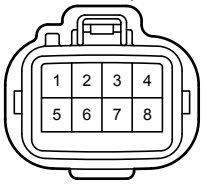
S 16
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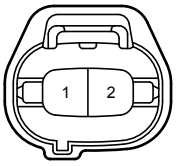
S 22
Black



S 27
Dark Gray



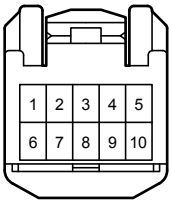
W 3
Blue

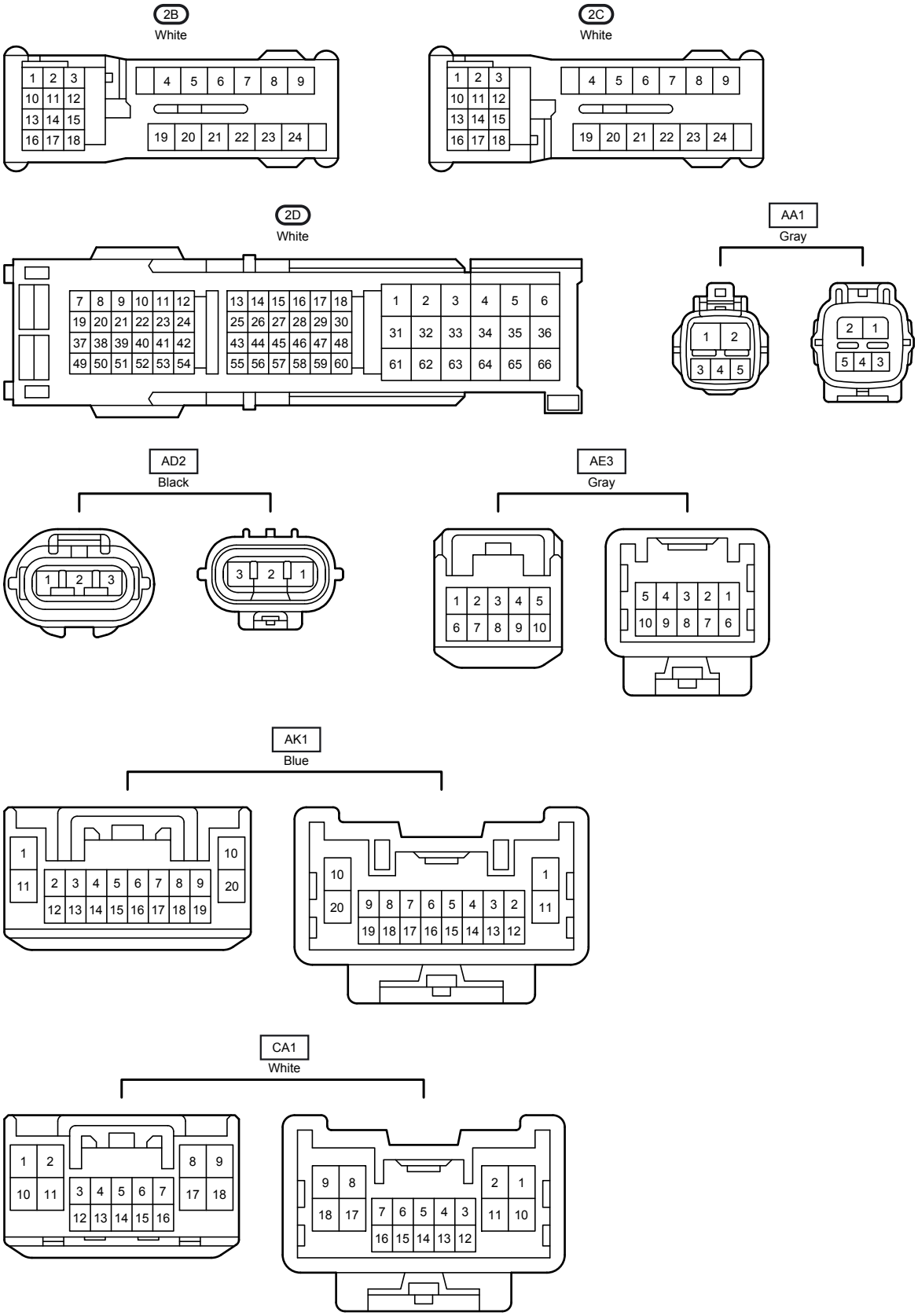


h 1
White

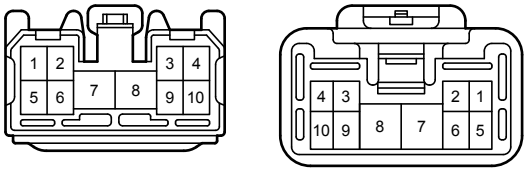


z 36
White

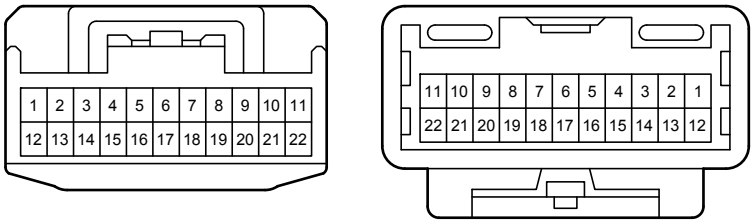



2B
White
1 2 3
10 11 12
13 14 15
16 17 18
4 5 6 7 8 9
19 20 21 22 23 24
2C
White
1 2 3
10 11 12
13 14 15
16 17 18
4 5 6 7 8 9
19 20 21 22 23 24
2D
White
7 8 9 10 11 12
19 20 21 22 23 24
37 38 39 40 41 42
49 50 51 52 53 54
13 14 15 16 17 18
25 26 27 28 29 30
43 44 45 46 47 48
55 56 57 58 59 60
1 2 3 4 5 6
31 32 33 34 35 36
61 62 63 64 65 66
AA1
Gray
1 2
3 4 5
2 1
5 4 3
AD2
Black
1 2 3
3 2 1
AE3
Gray
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
AK1
Blue
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11
CA1
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10

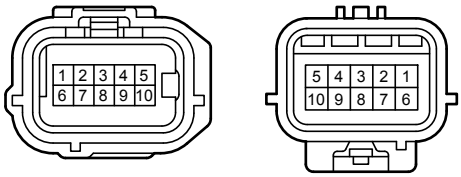
CA2
White



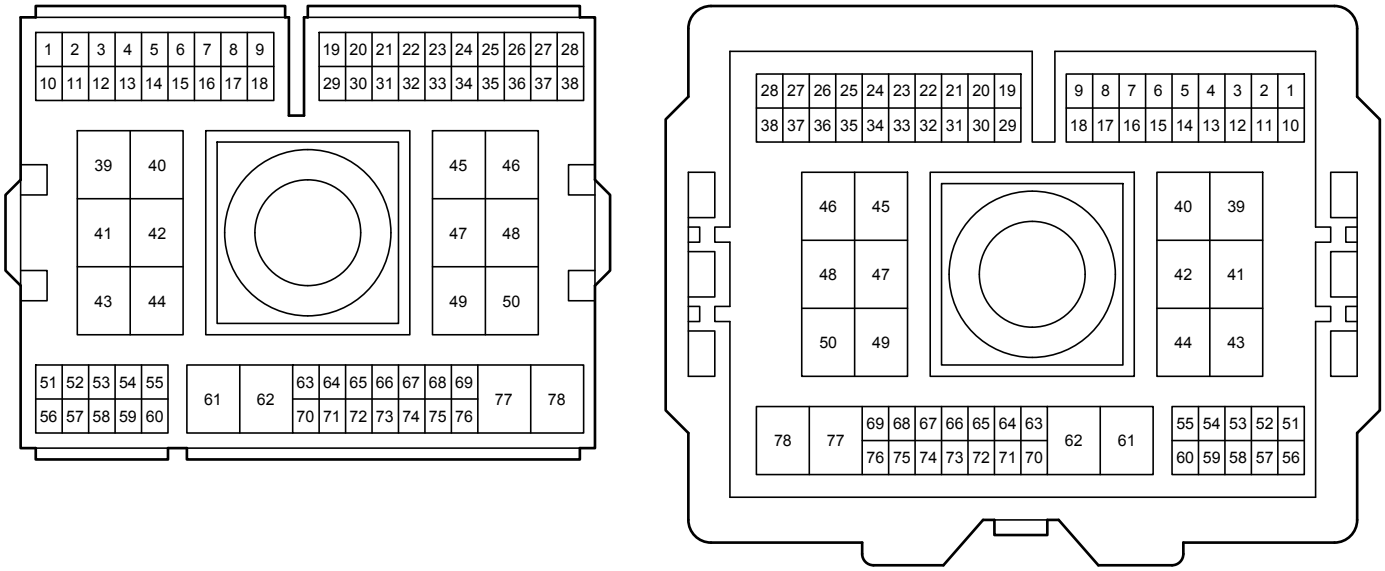
CA4
White



DC1
Black

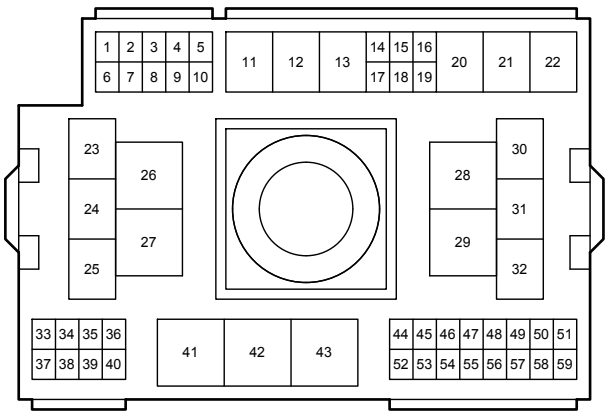


EA1
White

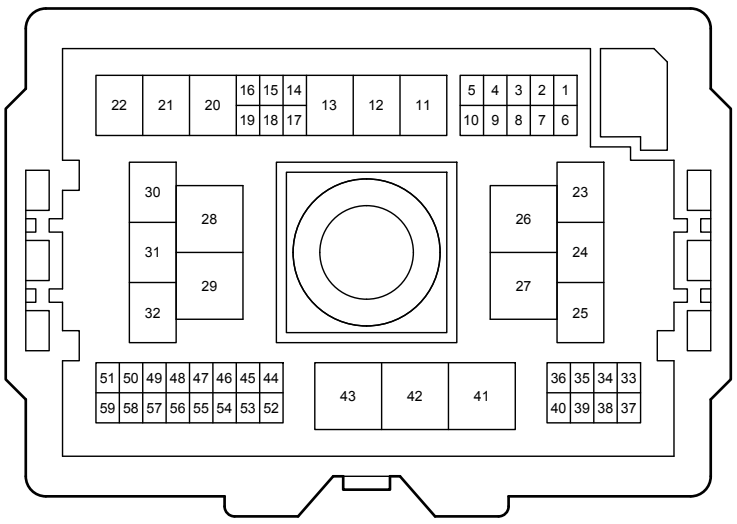


EA2

White

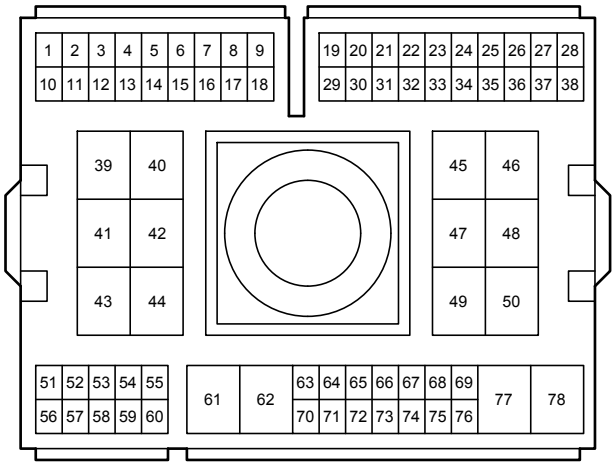


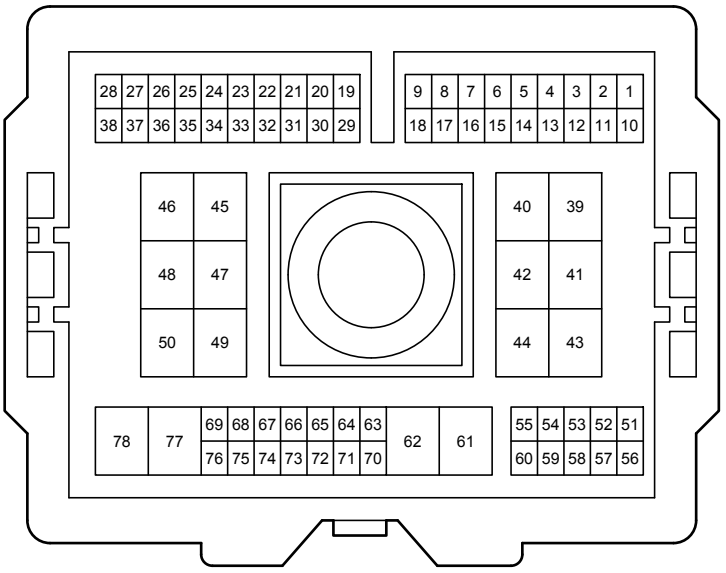
Gray



EA3

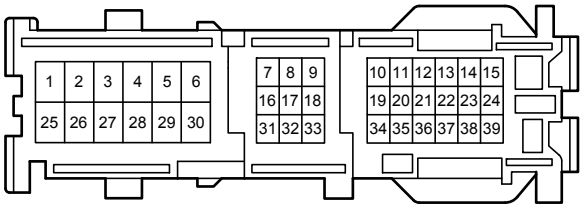
White

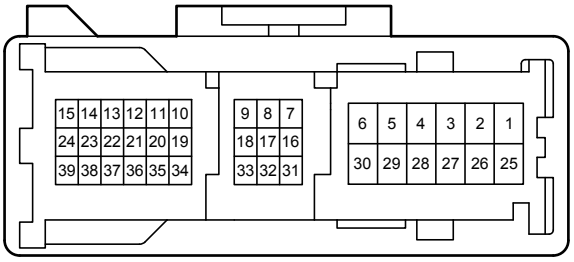




EA4

White

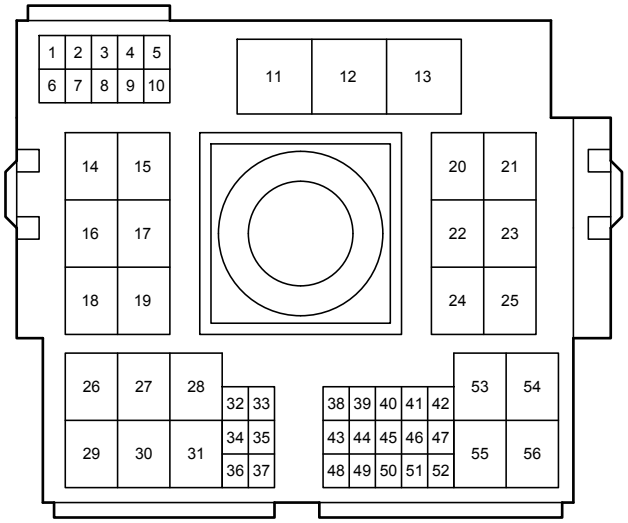


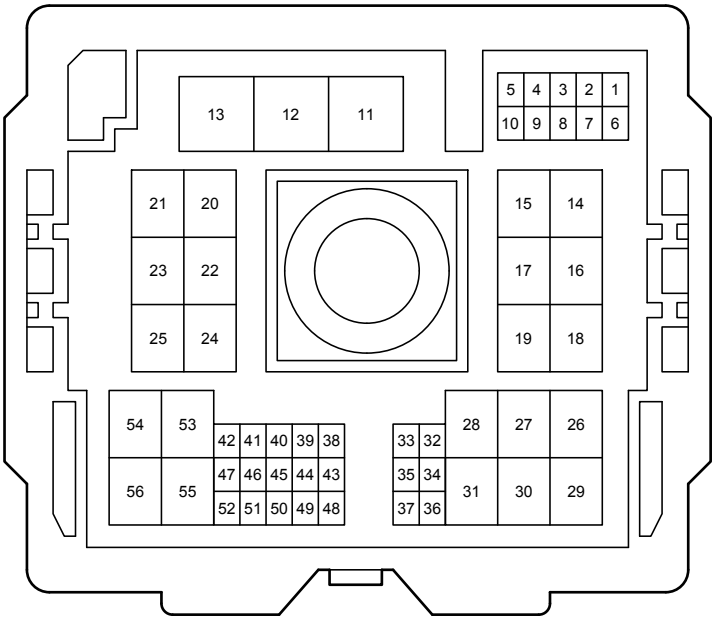


EK1

White

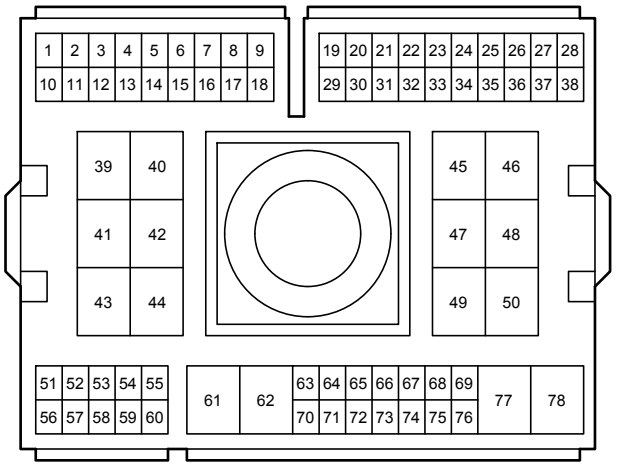
Blue

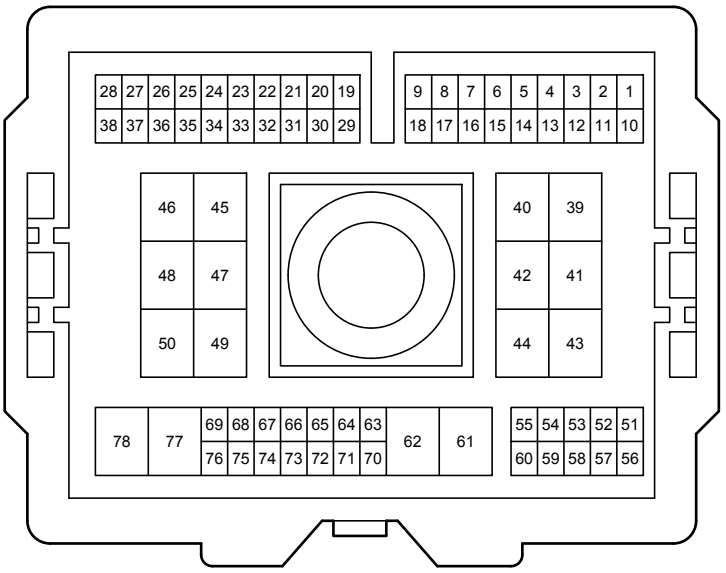




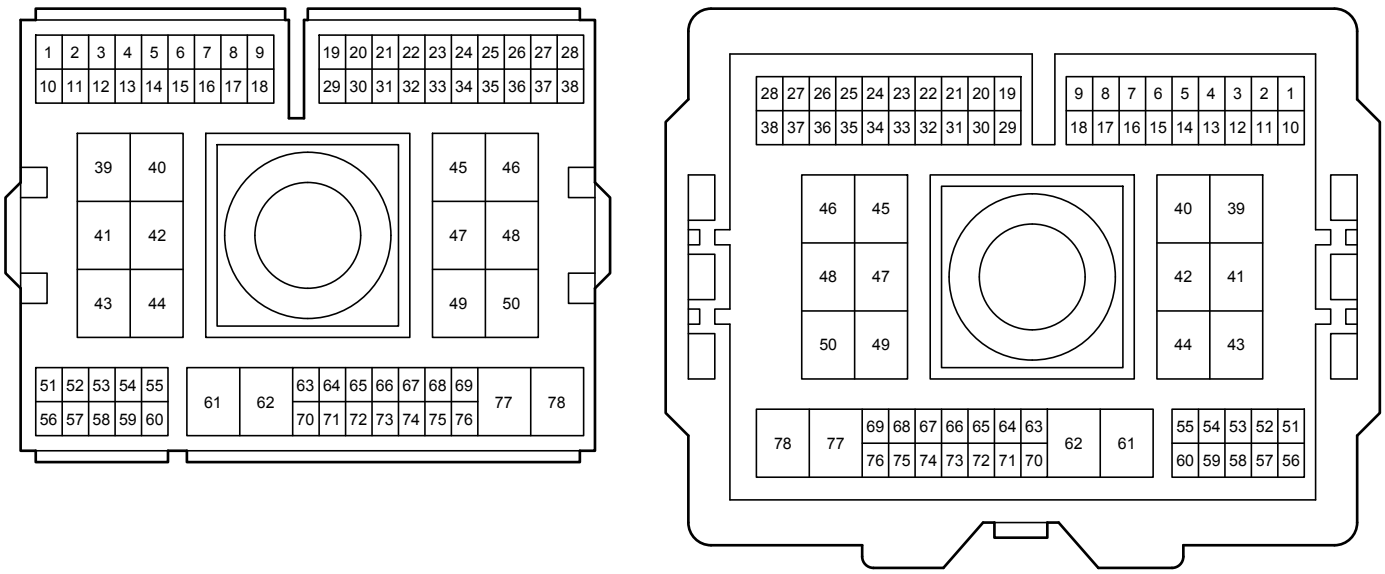
EK2

White

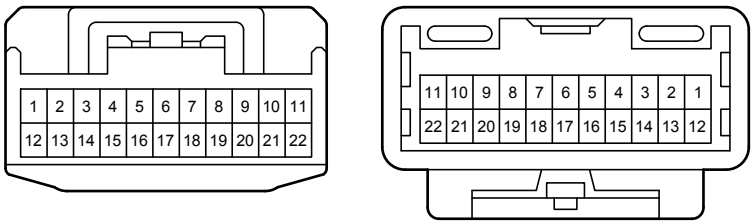




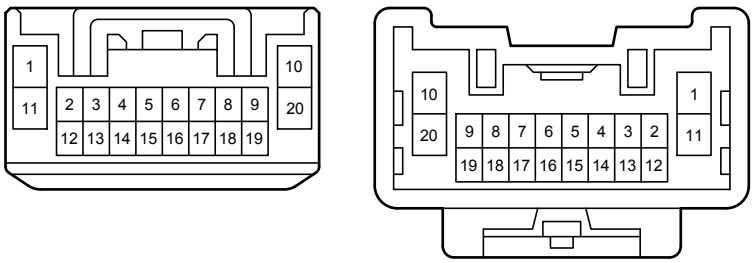
EL1
White



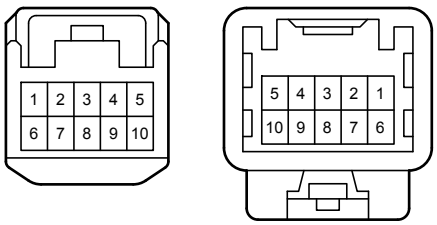
FE3
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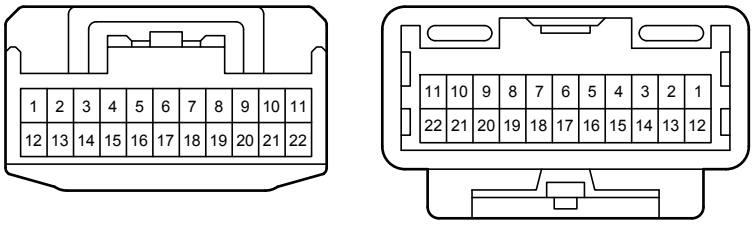
FE4
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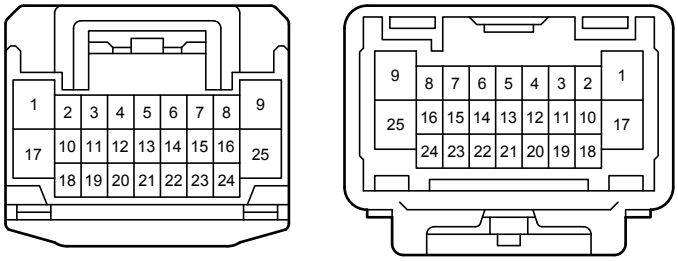
FE6
White



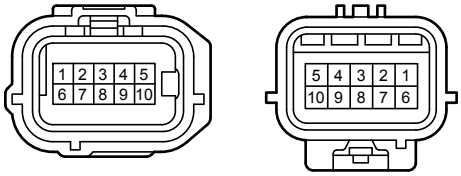
FL2
Blue



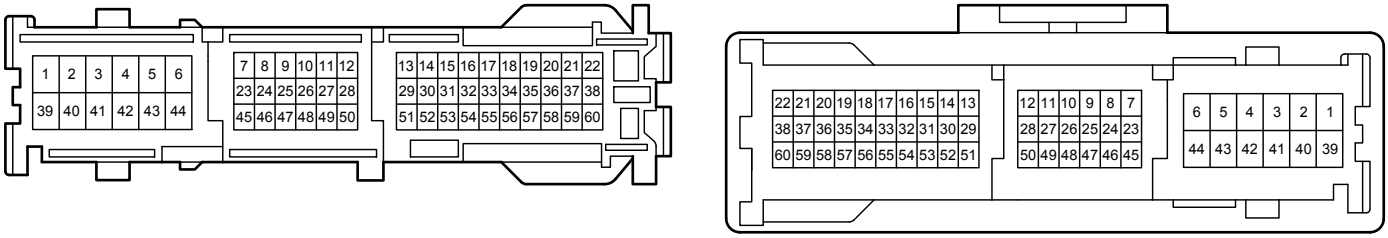
KL1
White



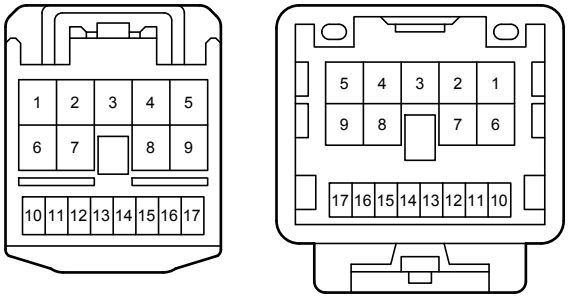
MK1
White



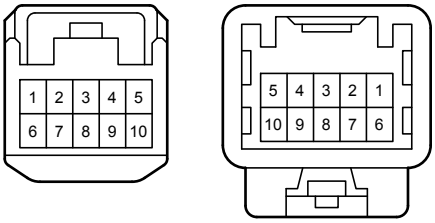
NK1
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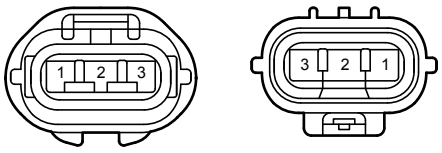
SK1
White

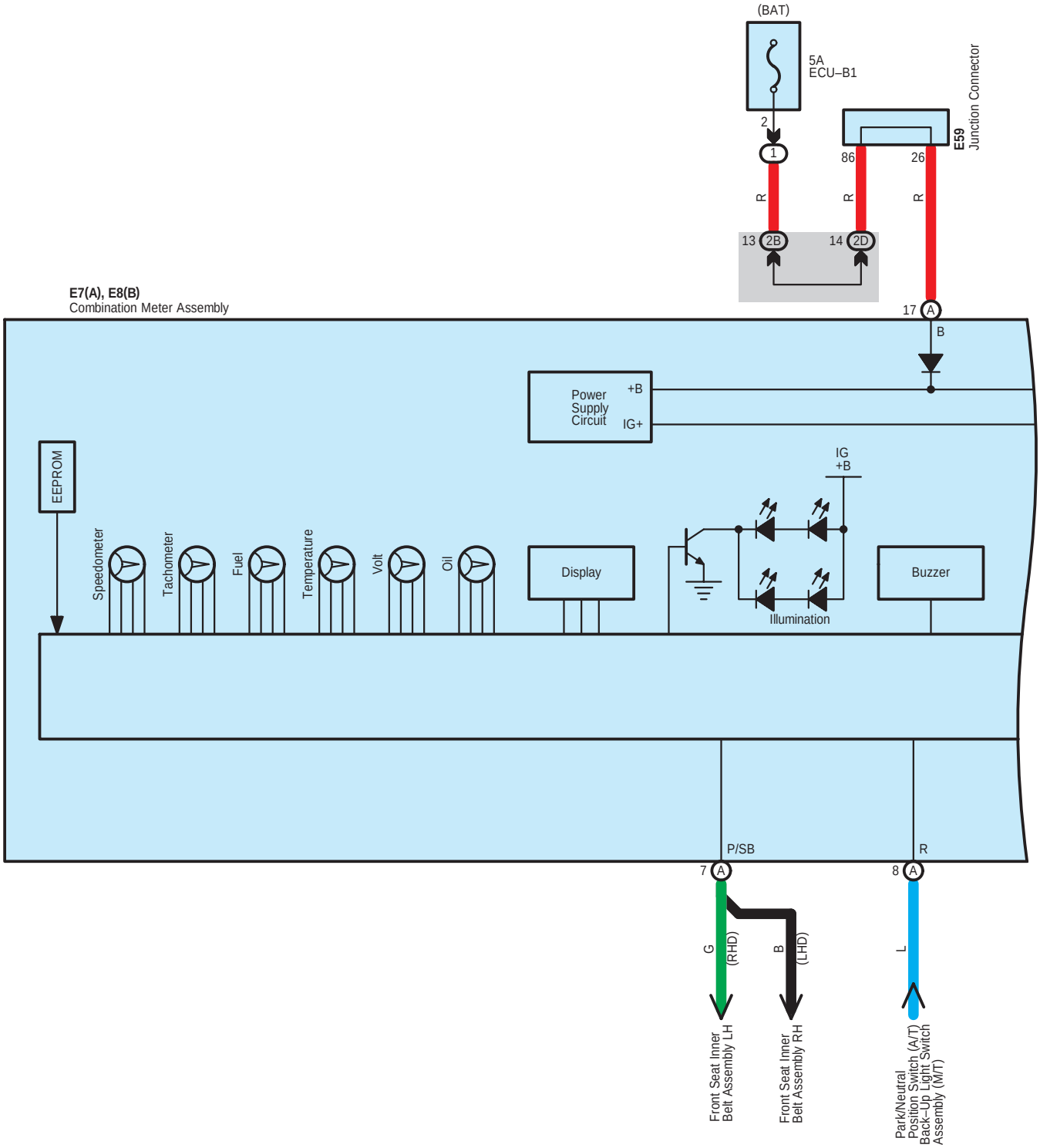


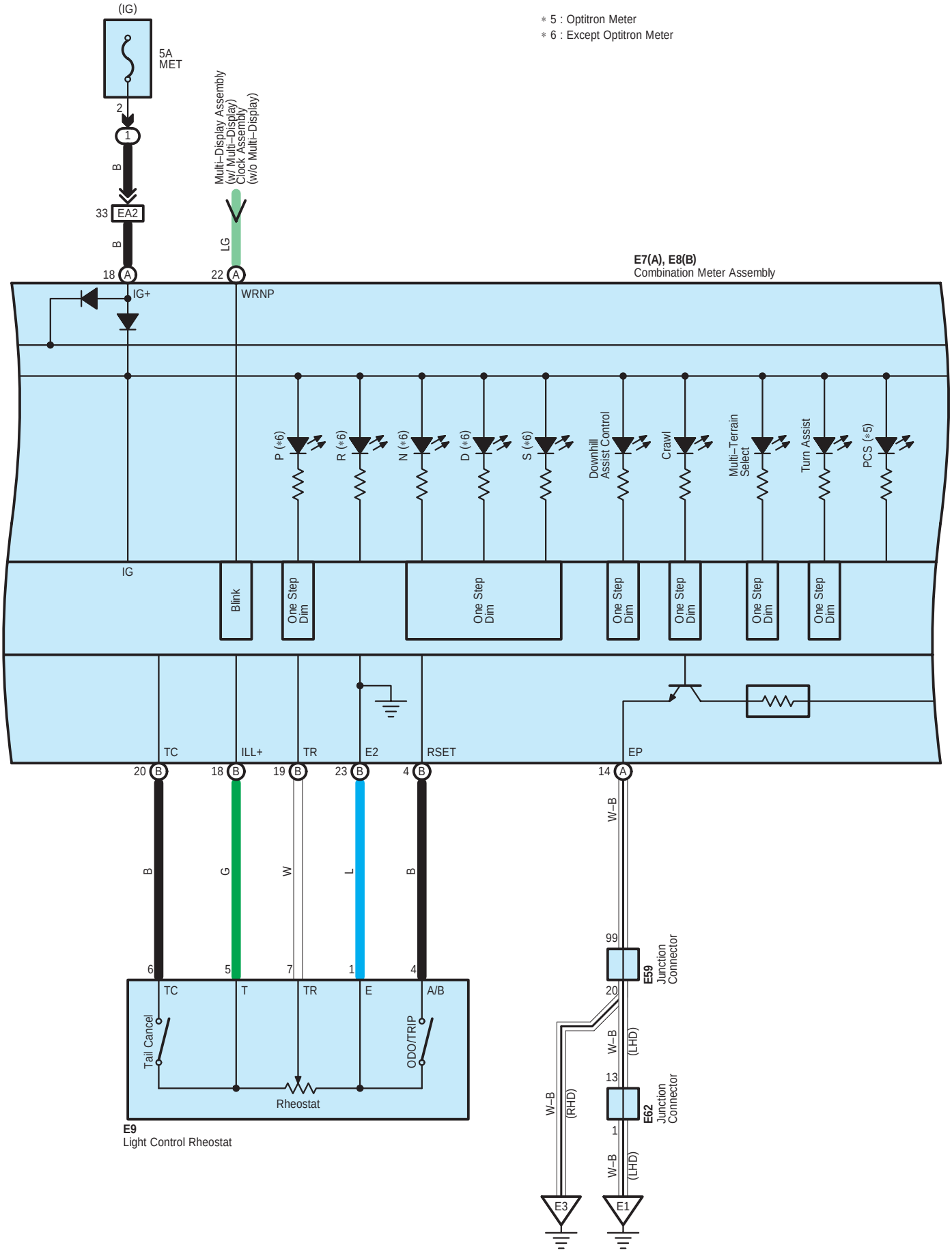
WK2
Gray

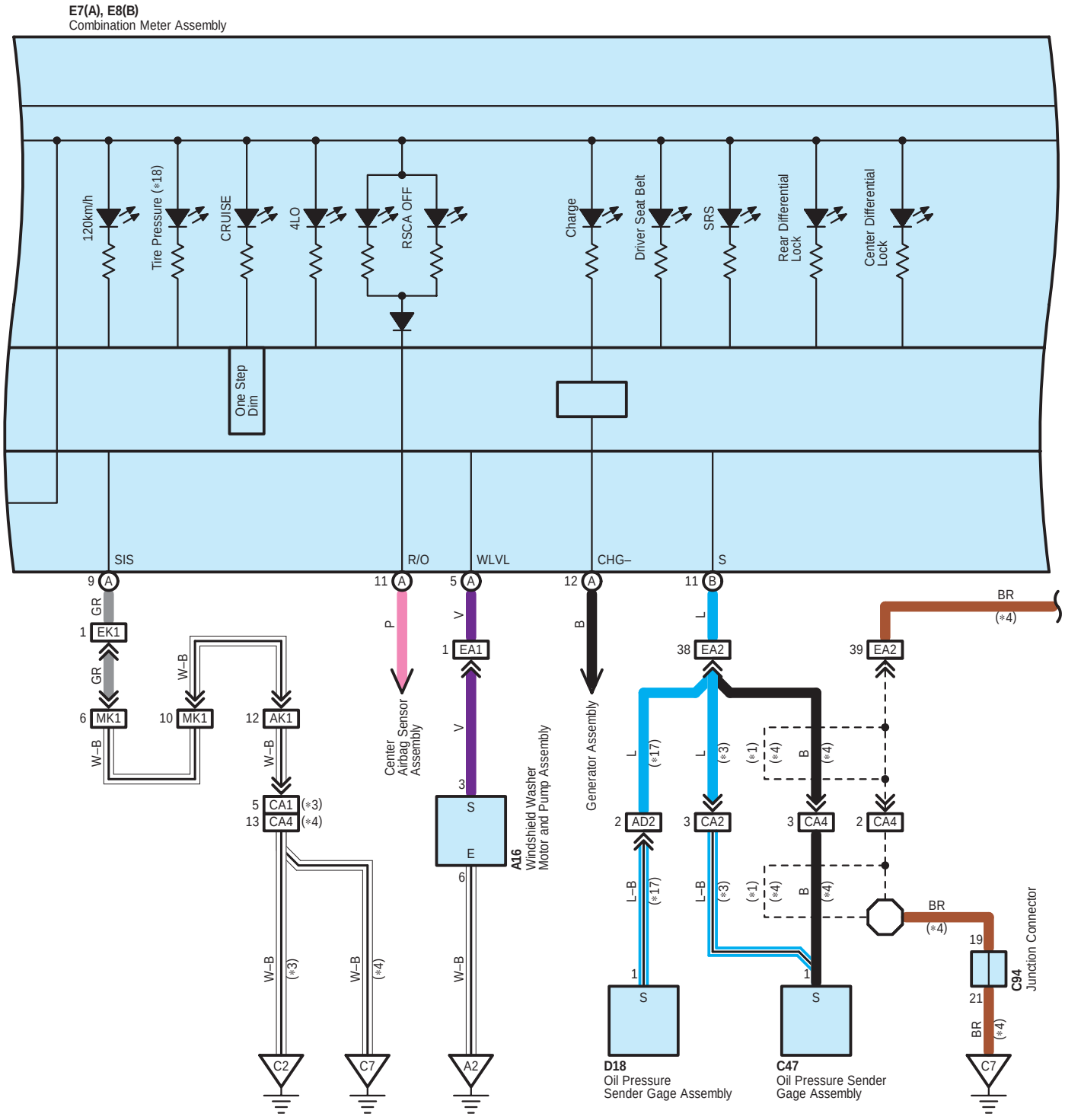


hL1
Black

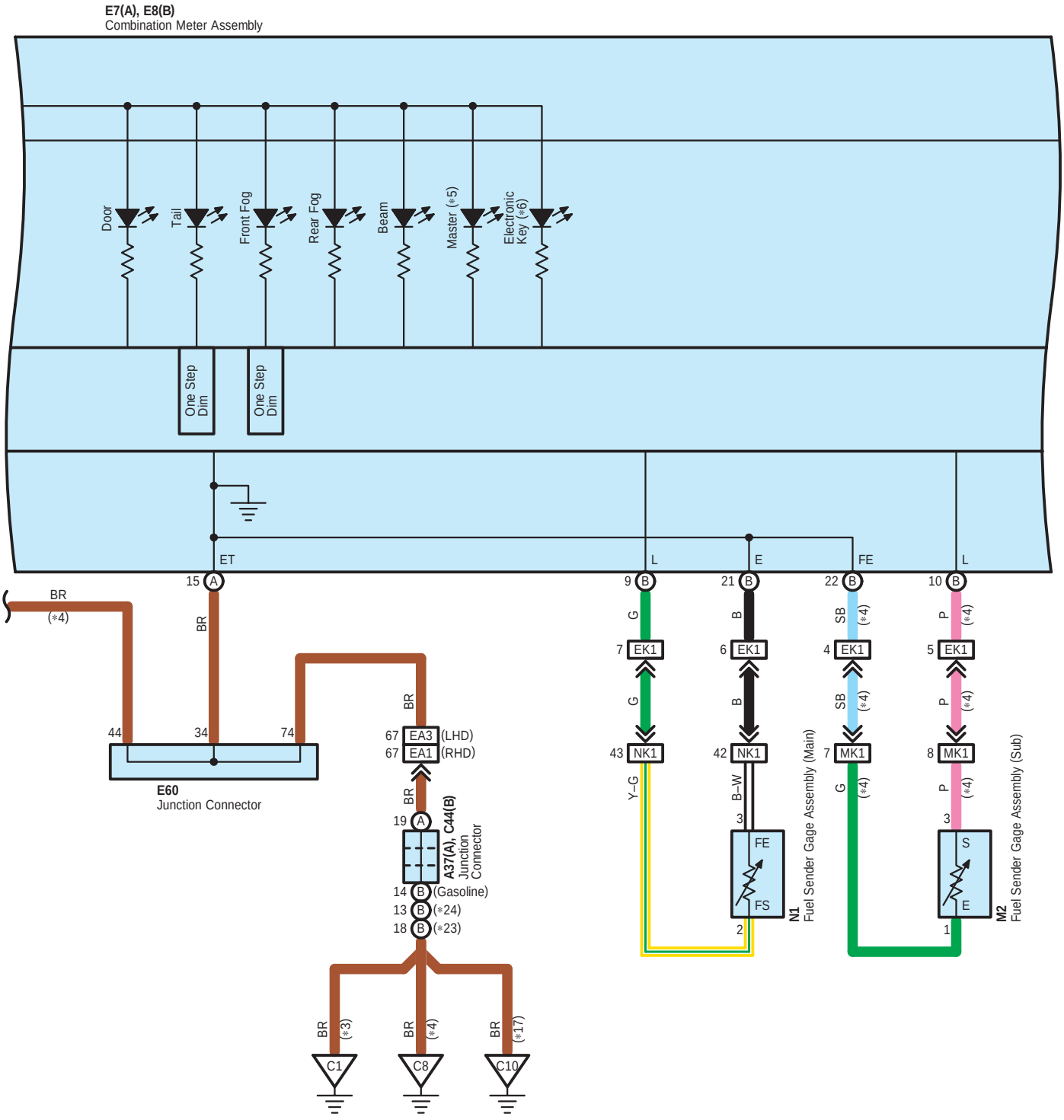


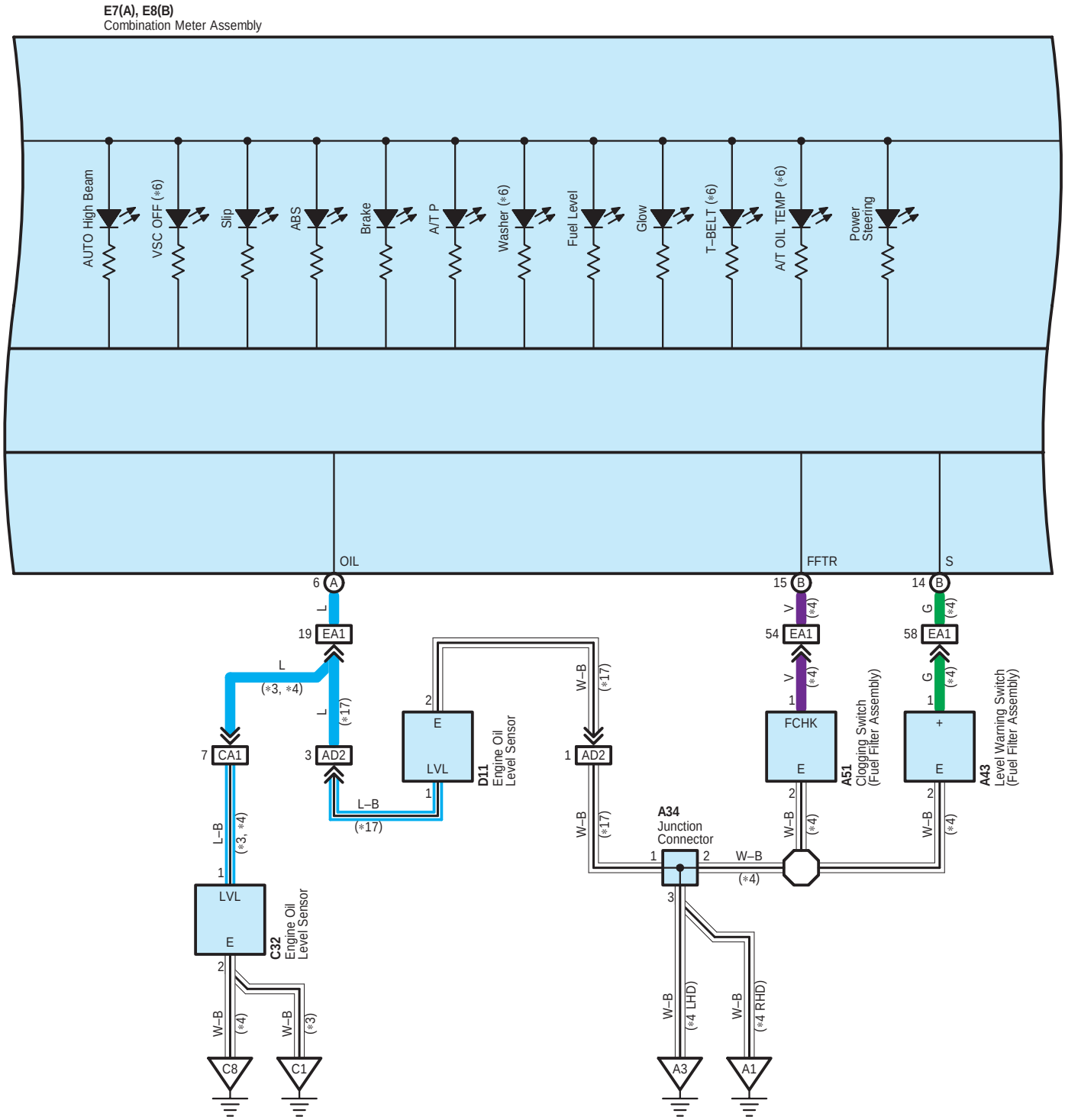

(BAT)
5A
ECU–B1
2
1
R
13 2B
14 2D
E59
Junction Connector
86
26
R
R
17 A
B
E7(A), E8(B)
Combination Meter Assembly
Power Supply Circuit
+B
IG+
IG
+B
EEPROM
Speedometer
Tachometer
Fuel
Temperature
Volt
Oil
Display
Buzzer
Illumination
P/SB
R
7 A
8 A
G
(RHD)
B
(LHD)
L
Front Seat Inner Belt Assembly LH
Front Seat Inner Belt Assembly RH
Park/Neutral Position Switch (A/T)
Back–Up Light Switch Assembly (M/T)


(IG)
5A
MET
2
1
B
33
EA2
B
18
A
IG+
IG
Multi–Display Assembly
(w/ Multi–Display)
Clock Assembly
(w/o Multi–Display)
LG
22
A
WRNP
∗ 5 : Optitron Meter
∗ 6 : Except Optitron Meter
E7(A), E8(B)
Combination Meter Assembly
P (∗6)
R (∗6)
N (∗6)
D (∗6)
S (∗6)
Downhill Assist Control
Crawl
Multi–Terrain Select
Turn Assist
PCS (∗5)
Blink
One Step Dim
One Step Dim
One Step Dim
One Step Dim
One Step Dim
One Step Dim
One Step Dim
TC
ILL+
TR
E2
RSET
EP
20 B
18 B
19 B
23 B
4 B
14 A
B
G
W
L
B
W–B
6
5
7
1
4
99
E59
Junction Connector
TC
T
TR
E
A/B
20
Tail Cancel
ODO/TRIP
Rheostat
W–B
(LHD)
13
E62
Junction Connector
W–B
(RHD)
1
W–B
(LHD)
E3
E1
E9
Light Control Rheostat

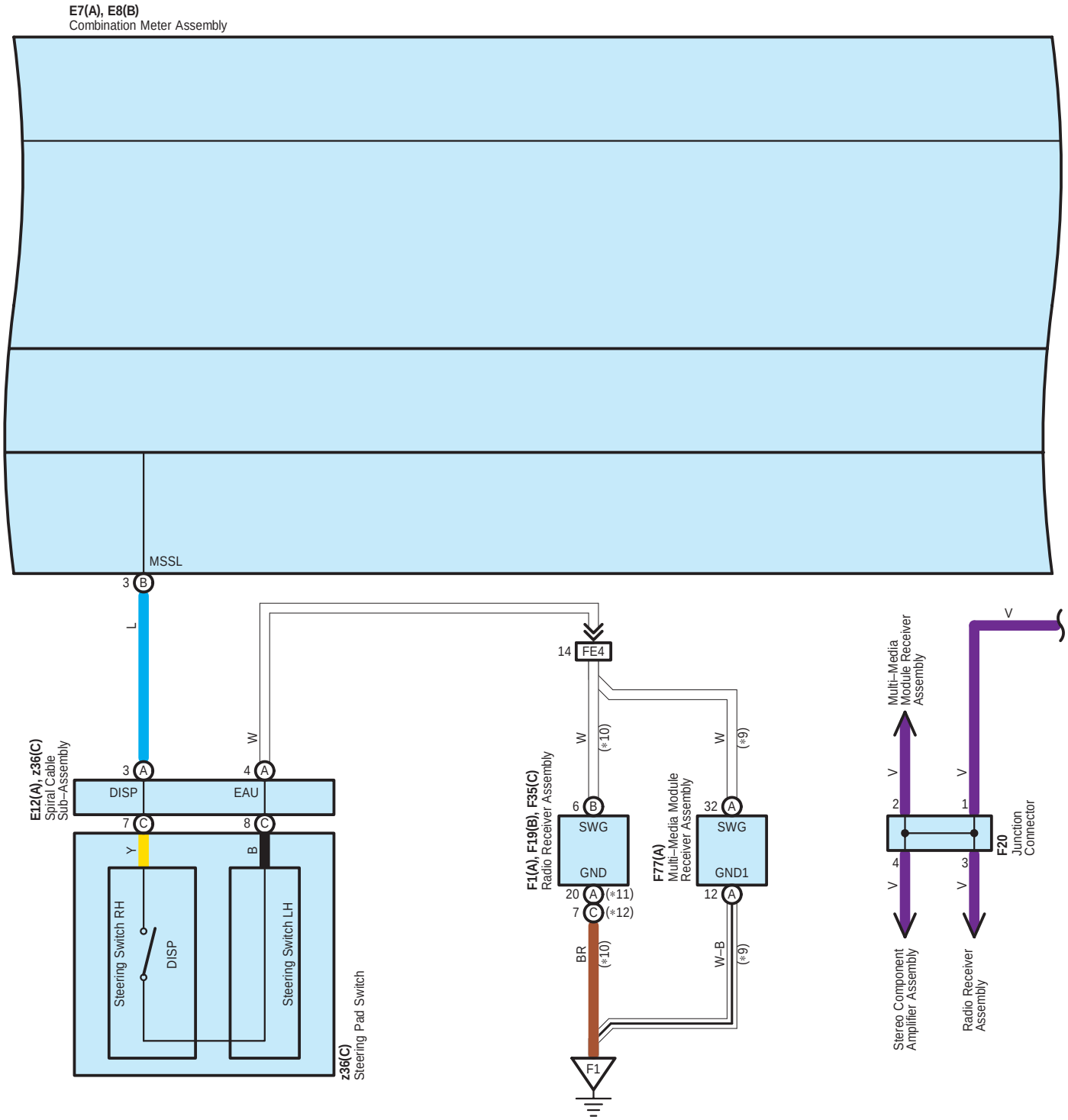

E7(A), E8(B)
Combination Meter Assembly
120km/h
Tire Pressure (*18)
CRUISE
4LO
RSCA OFF
Charge
Driver Seat Belt
SRS
Rear Differential Lock
Center Differential Lock
One Step Dim
SIS
R/O
WLVL
CHG–
S
9 A
GR
1 EK1
GR
6 MK1
W–B
10 MK1
W–B
12 AK1
W–B
5 CA1 (*3)
13 CA4 (*4)
W–B (*3)
W–B (*4)
C2
C7
11 A
P
Center Airbag Sensor Assembly
5 A
V
1 EA1
V
3 S E
A16
Windshield Washer Motor and Pump Assembly
6
W–B
A2
12 A
B
Generator Assembly
11 B
L
38 EA2
L (*17)
2 AD2
L–B (*17)
1 S
D18
Oil Pressure Sender Gage Assembly
L (*3)
3 CA2
L–B (*3)
(*1) (*4) B (*4)
3 CA4
1 S
C47
Oil Pressure Sender Gage Assembly
39 EA2
BR (*4)
2 CA4
BR (*4)
19
21
C94
Junction Connector
BR (*4)
C7

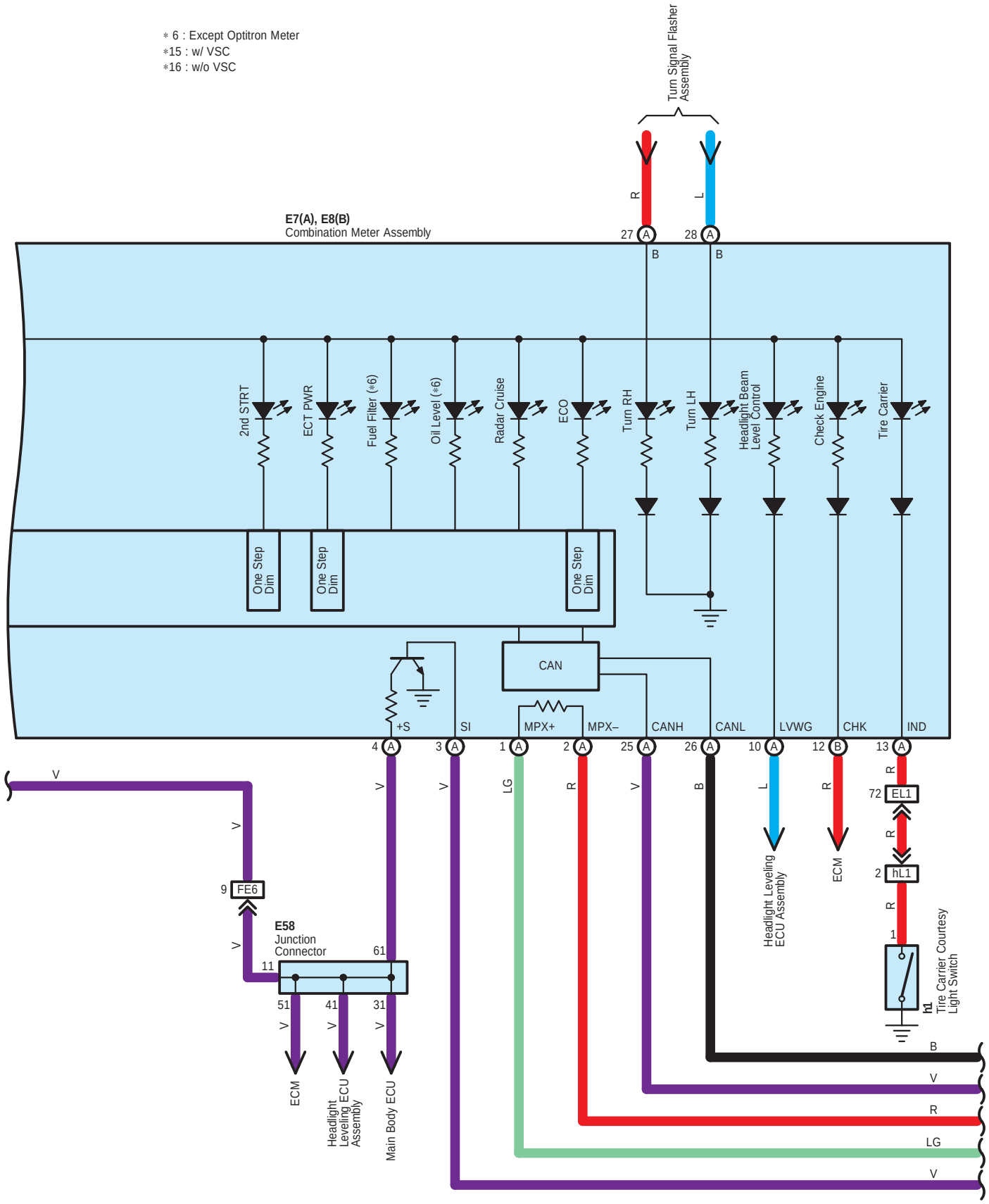
∗ 1 : Shielded
∗ 3 : 1GR–FE
∗ 4 : 1VD–FTV
∗ 5 : Optitron Meter
∗ 6 : Except Optitron Meter
∗17 : 3UR–FE, 1UR–FE
∗18 : w/ Tire Pressure Warning System
∗23 : 1VD–FTV w/ DPF
∗24 : 1VD–FTV w/o DPF

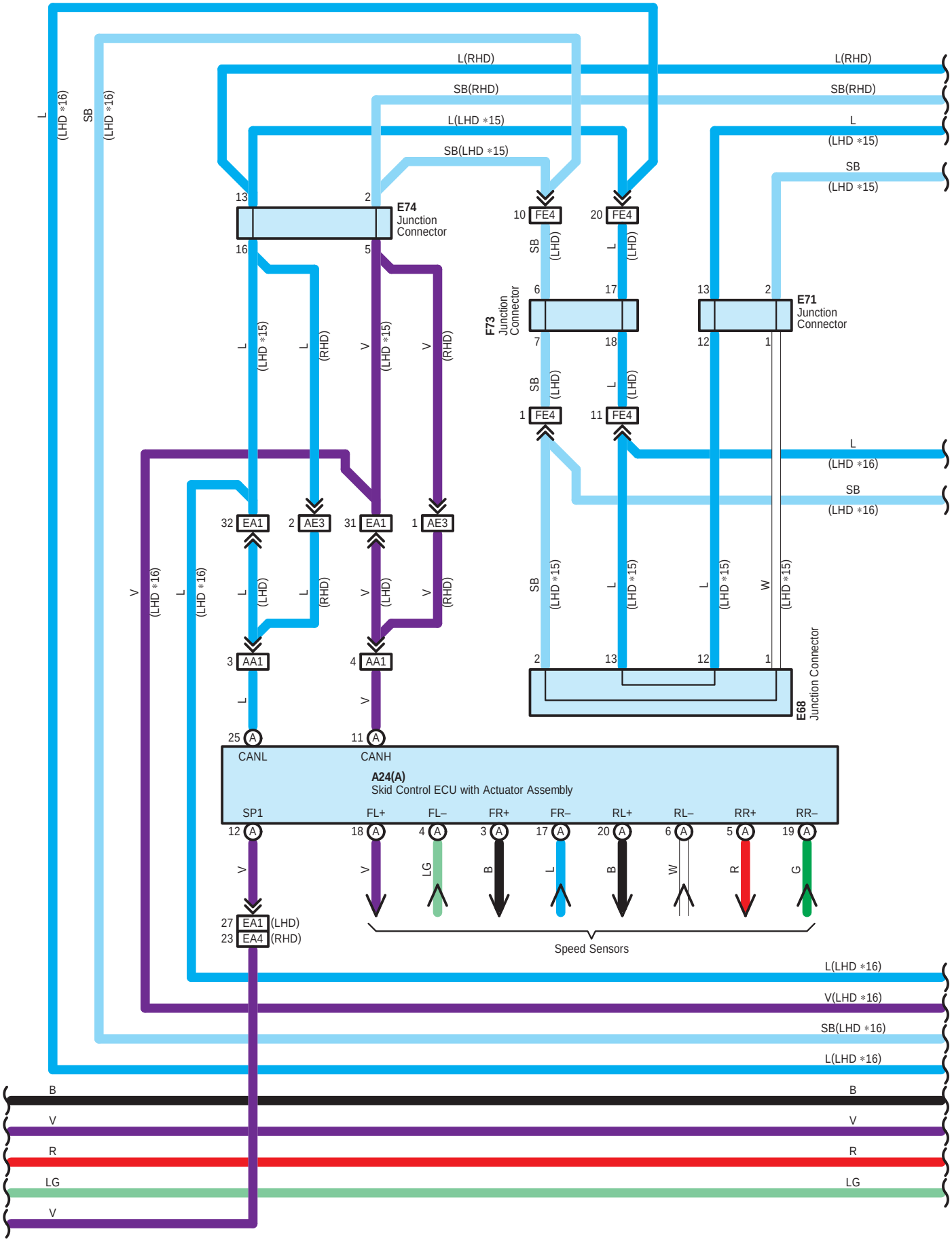


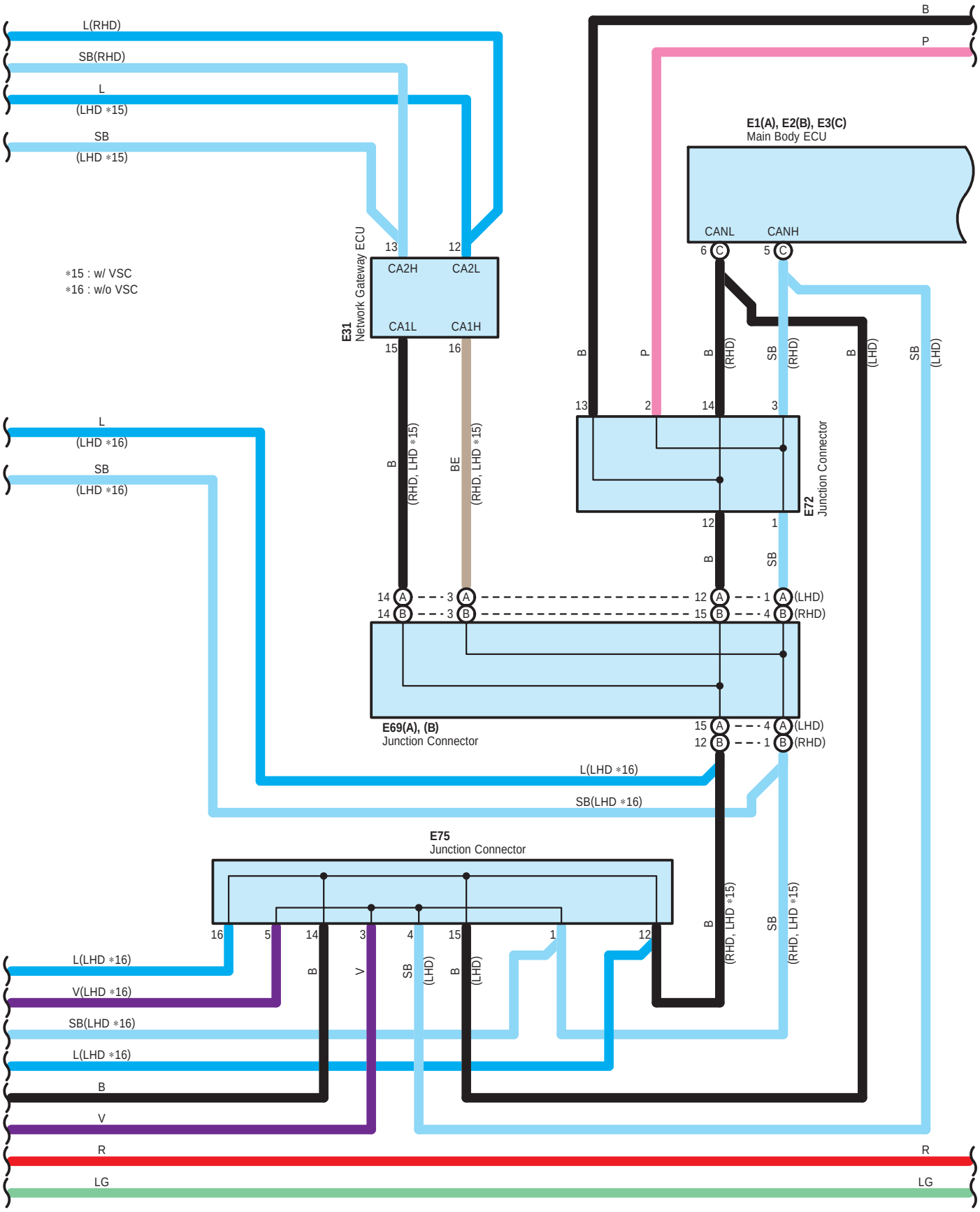

E7(A), E8(B)
Combination Meter Assembly
AUTO High Beam
VSC OFF (*6)
Slip
ABS
Brake
A/T P
Washer (*6)
Fuel Level
Glow
T–BELT (*6)
A/T OIL TEMP (*6)
Power Steering
OIL
FFTR
S
6 A
15 B
14 B
L
V
G
19 EA1
54 EA1
58 EA1
(*4)
L
(*3, *4)
L
(*17)
7 CA1
3 AD2
2 E
LVL
1
D11 Engine Oil Level Sensor
L–B
(*17)
W–B
(*17)
1 AD2
FCHK
+
E
A51 Clogging Switch (Fuel Filter Assembly)
A43 Level Warning Switch (Fuel Filter Assembly)
A34 Junction Connector
W–B
(*4)
L–B
(*3, *4)
1 LVL E
C32 Engine Oil Level Sensor
2
W–B
(*4)
W–B
(*3)
C8
C1
3
W–B
(*4 LHD)
W–B
(*4 RHD)
A3
A1

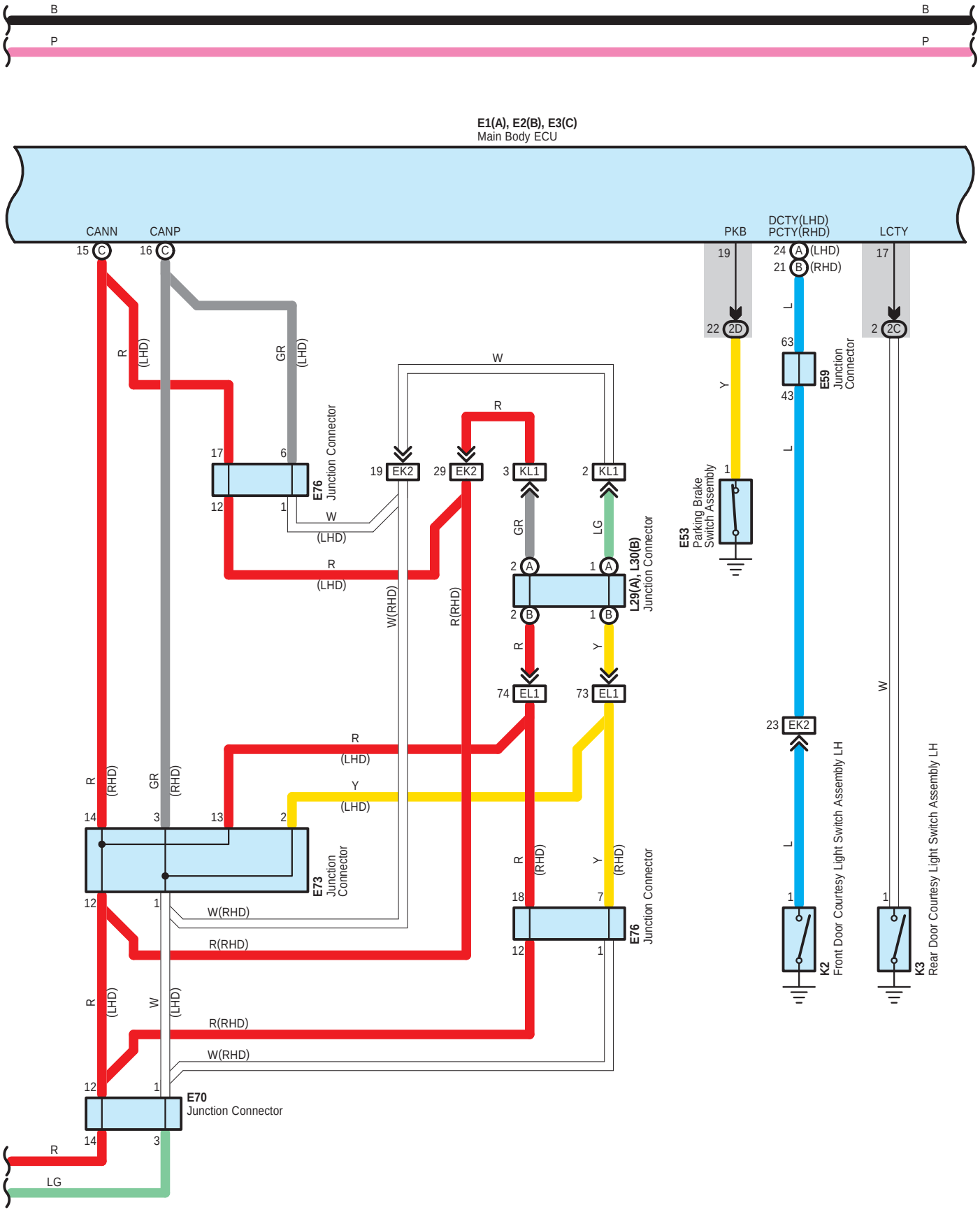
∗ 3 : 1GR–FE
∗ 4 : 1VD–FTV
∗ 6 : Except Optitron Meter
∗ 9 : w/ Multi–Display
∗10 : w/o Multi–Display
∗11 : w/ Stereo Component Amplifier
∗12 : w/o Stereo Component Amplifier
∗17 : 3UR–FE, 1UR–FE

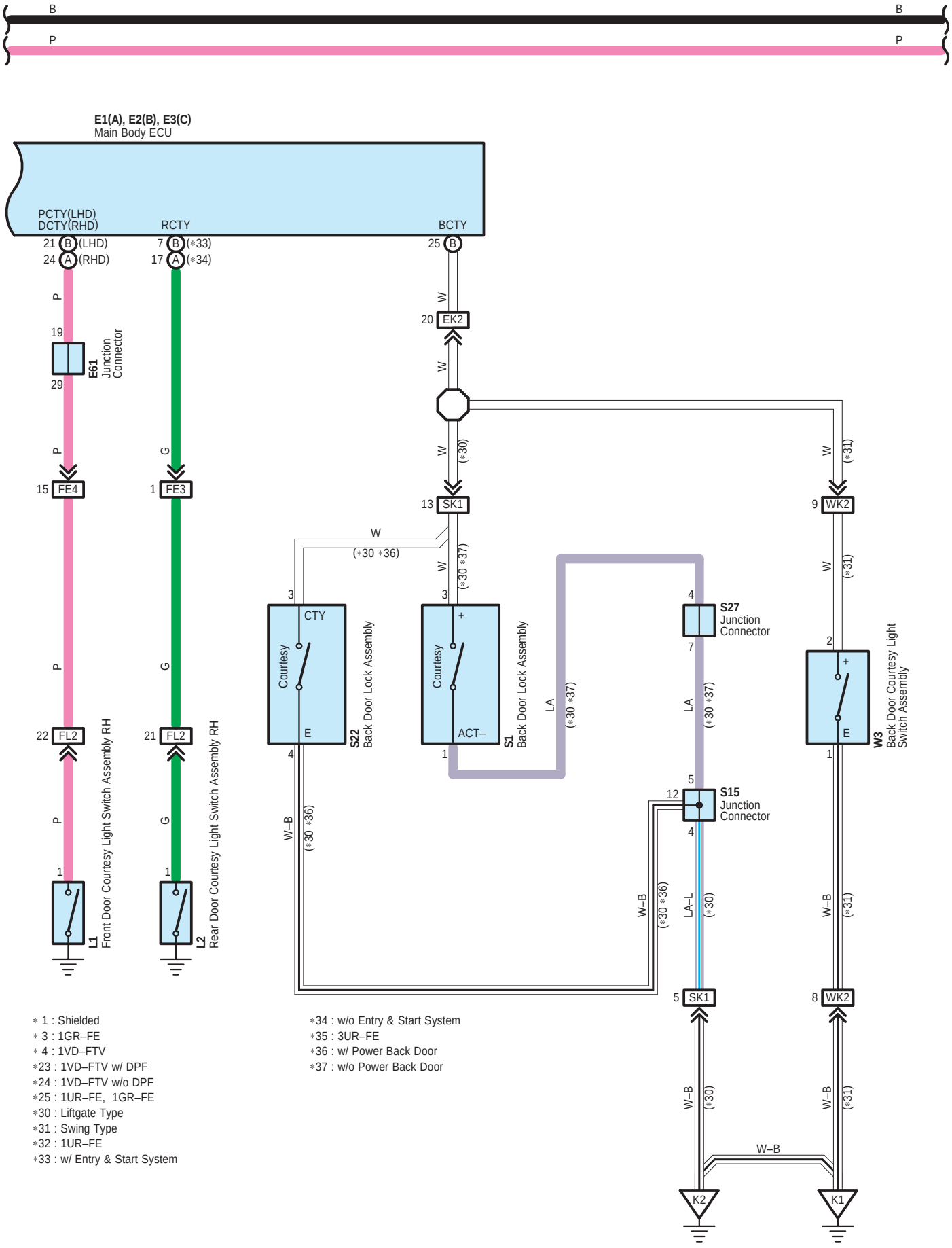



∗ 6 : Except Optitron Meter
∗15 : w/ VSC
∗16 : w/o VSC
Turn Signal Flasher Assembly
R
L
E7(A), E8(B)
Combination Meter Assembly
27 A
28 A
B
B
2nd STRT
ECT PWR
Fuel Filter (∗6)
Oil Level (∗6)
Radar Cruise
ECO
Turn RH
Turn LH
Headlight Beam Level Control
Check Engine
Tire Carrier
One Step Dim
One Step Dim
One Step Dim
CAN
+S
SI
MPX+
MPX–
CANH
CANL
LVWG
CHK
IND
4 A
3 A
1 A
2 A
25 A
26 A
10 A
12 B
13 A
V
V
9 FE6
V
E58
Junction Connector
11
61
51
41
31
ECM
Headlight Leveling ECU Assembly
Main Body ECU
V
LG
R
V
B
L
R
R
72 EL1
R
2 hL1
R
1
h1
Tire Carrier Courtesy Light Switch
Headlight Leveling ECU Assembly
ECM
B
V
R
LG
V


L(RHD)
SB(RHD)
L(LHD ∗15)
SB(LHD ∗15)
L (LHD ∗16)
SB (LHD ∗16)
E74 Junction Connector
F73 Junction Connector
E71 Junction Connector
E68 Junction Connector
A24(A) Skid Control ECU with Actuator Assembly
CANL
CANH
SP1
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
Speed Sensors
L(LHD ∗16)
V(LHD ∗16)
SB(LHD ∗16)
B
V
R
LG

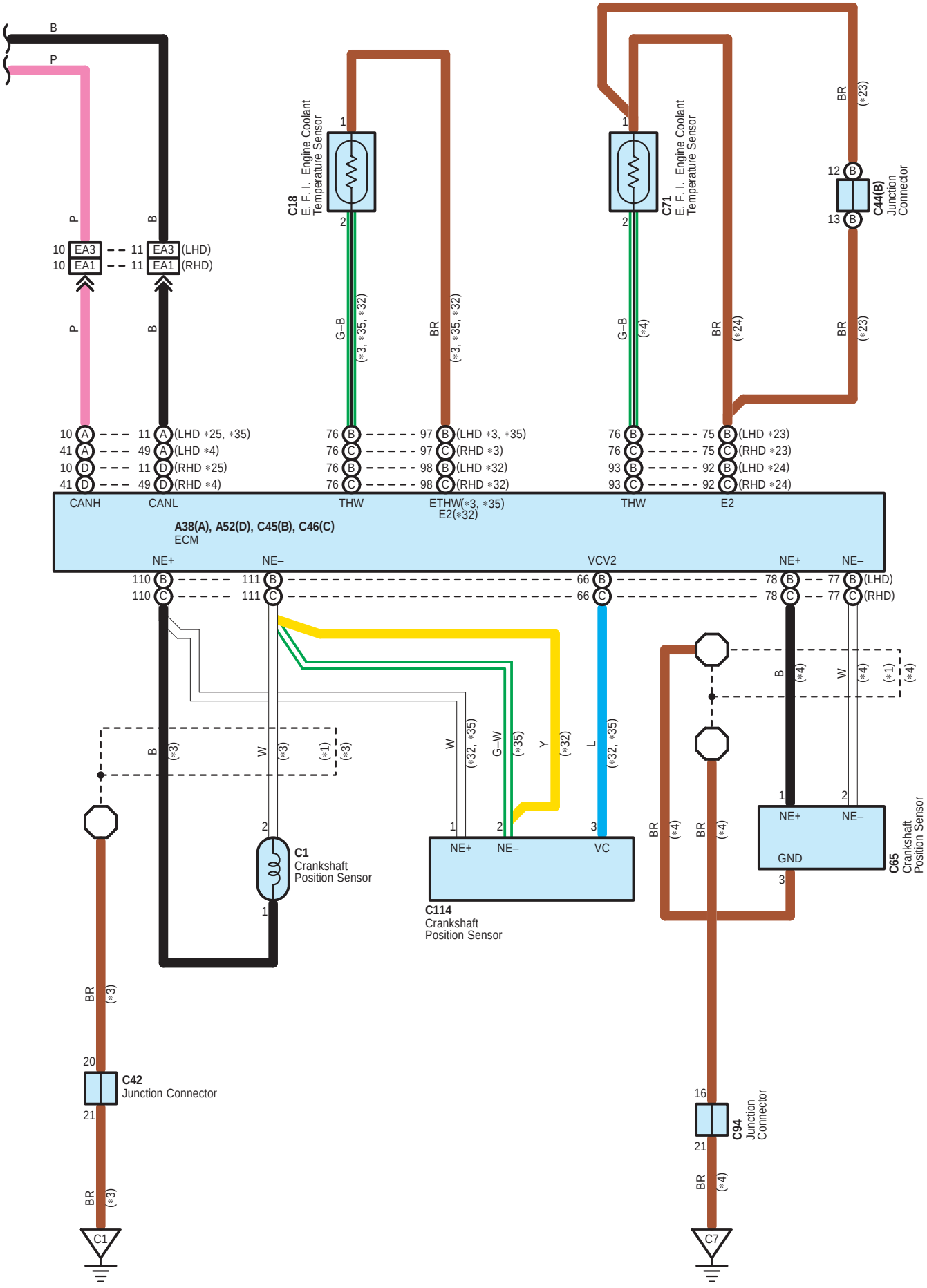

L(RHD)
SB(RHD)
L
(LHD *15)
SB
(LHD *15)
*15 : w/ VSC
*16 : w/o VSC
E31
Network Gateway ECU
13
12
CA2H
CA2L
CA1L
CA1H
15
16
B
(RHD, LHD *15)
BE
(RHD, LHD *15)
L
(LHD *16)
SB
(LHD *16)
B
P
E1(A), E2(B), E3(C)
Main Body ECU
CANL
CANH
6 C
5 C
B
(RHD)
SB
(RHD)
B
(LHD)
SB
(LHD)
13
2
14
3
E72
Junction Connector
12
1
B
SB
14 A
3 A
12 A
1 A
(LHD)
14 B
3 B
15 B
4 B
(RHD)
E69(A), (B)
Junction Connector
15 A
4 A
(LHD)
12 B
1 B
(RHD)
L(LHD *16)
SB(LHD *16)
E75
Junction Connector
16
5
14
3
4
15
1
12
B
V
SB
(LHD)
B
(LHD)
B
(RHD, LHD *15)
SB
(RHD, LHD *15)
L(LHD *16)
V(LHD *16)
SB(LHD *16)
L(LHD *16)
B
V
R
LG
R
LG


B
P
B
P
E1(A), E2(B), E3(C)
Main Body ECU
CANN
CANP
PKB
DCTY(LHD)
PCTY(RHD)
LCTY
15 C
16 C
19
24 A (LHD)
21 B (RHD)
17
22 2D
2 2C
R (LHD)
GR (LHD)
W
R
Y
L
63
43
E59 Junction Connector
17
6
12
1
E76 Junction Connector
W (LHD)
19 EK2
29 EK2
3 KL1
2 KL1
GR
LG
E53 Parking Brake Switch Assembly
2 A
1 A
2 B
1 B
L29(A), L30(B) Junction Connector
R (LHD)
W(RHD)
R(RHD)
R
Y
74 EL1
73 EL1
23 EK2
R (LHD)
Y (LHD)
R (RHD)
GR (RHD)
14
3
13
2
E73 Junction Connector
12
1
W(RHD)
R(RHD)
R (RHD)
Y (RHD)
18
7
12
1
E76 Junction Connector
R (LHD)
W (LHD)
R(RHD)
W(RHD)
12
1
E70
Junction Connector
14
3
R
LG
1
K2 Front Door Courtesy Light Switch Assembly LH
1
K3 Rear Door Courtesy Light Switch Assembly LH

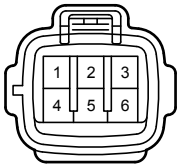


* 1 : Shielded
* 3 : 1GR–FE
* 4 : 1VD–FTV
*23 : 1VD–FTV w/ DPF
*24 : 1VD–FTV w/o DPF
*25 : 1UR–FE, 1GR–FE
*30 : Liftgate Type
*31 : Swing Type
*32 : 1UR–FE
*33 : w/ Entry & Start System

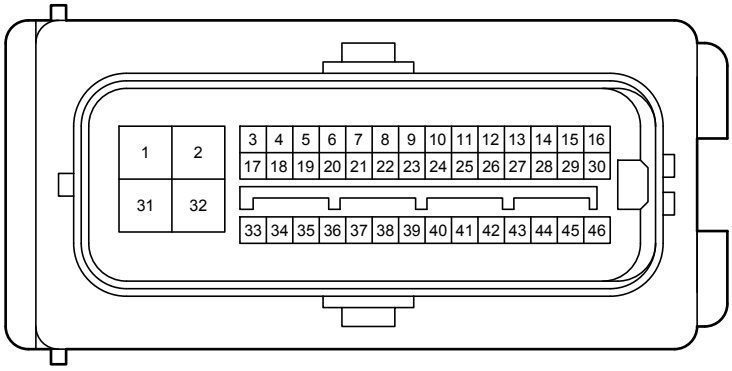
*34 : w/o Entry & Start System
*35 : 3UR–FE
*36 : w/ Power Back Door
*37 : w/o Power Back Door


B
P
P
B
10 EA3 — 11 EA3 (LHD)
10 EA1 — 11 EA1 (RHD)
C18
E.F.I. Engine Coolant Temperature Sensor
C71
E.F.I. Engine Coolant Temperature Sensor
C44(B)
Junction Connector
G–B (*3, *35, *32)
BR (*3, *35, *32)
G–B (*4)
BR (*24)
BR (*23)
10 A — 11 A (LHD *25, *35)
41 A — 49 A (LHD *4)
10 D — 11 D (RHD *25)
41 D — 49 D (RHD *4)
76 B — 97 B (LHD *3, *35)
76 C — 97 C (RHD *3)
76 B — 98 B (LHD *32)
76 C — 98 C (RHD *32)
76 B — 75 B (LHD *23)
76 C — 75 C (RHD *23)
93 B — 92 B (LHD *24)
93 C — 92 C (RHD *24)
CANH
CANL
THW
ETHW(*3, *35)
E2(*32)
THW
E2
A38(A), A52(D), C45(B), C46(C)
ECM
NE+
NE–
VCV2
NE+
NE–
110 B — 111 B — 66 B — 78 B — 77 B (LHD)
110 C — 111 C — 66 C — 78 C — 77 C (RHD)
B (*3)
W (*3)
(*1) (*3)
W (*32, *35)
G–W (*35)
Y (*32)
L (*32, *35)
B (*4)
W (*4)
(*1) (*4)
C1
Crankshaft Position Sensor
C114
Crankshaft Position Sensor
NE+
NE–
VC
C65
Crankshaft Position Sensor
NE+
NE–
GND
BR (*4)
BR (*4)
BR (*3)
C42
Junction Connector
BR (*3)
C94
Junction Connector
BR (*4)
C1
C7

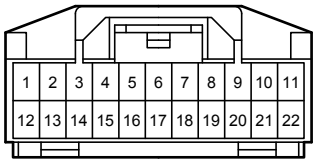
A 16
Gray



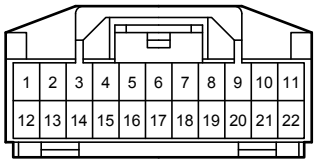
A 24
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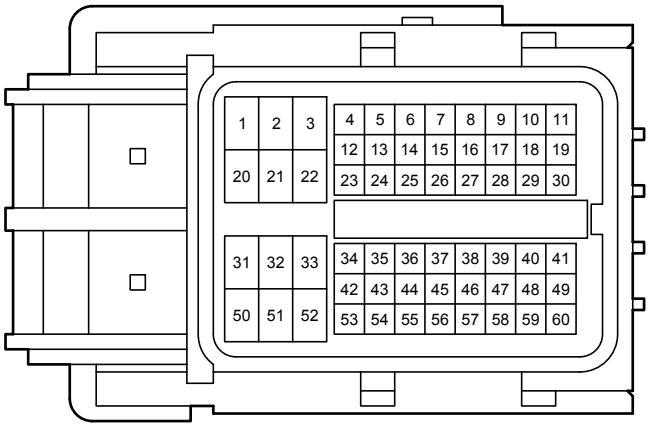
A 34
White



A 37
Blue



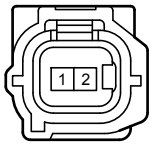
A 38
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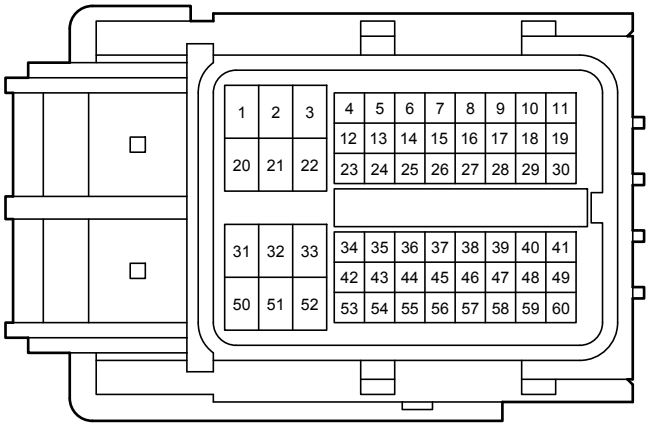
A 43
Gray



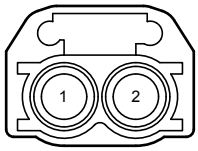
A 51
Black



A 52
Black



C 1
Black



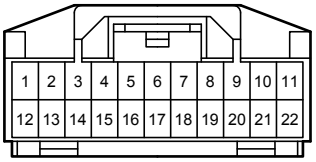
C 18
Dark Gray



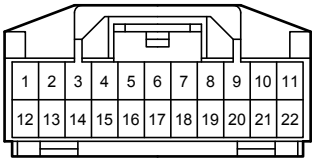
C 32
Gray



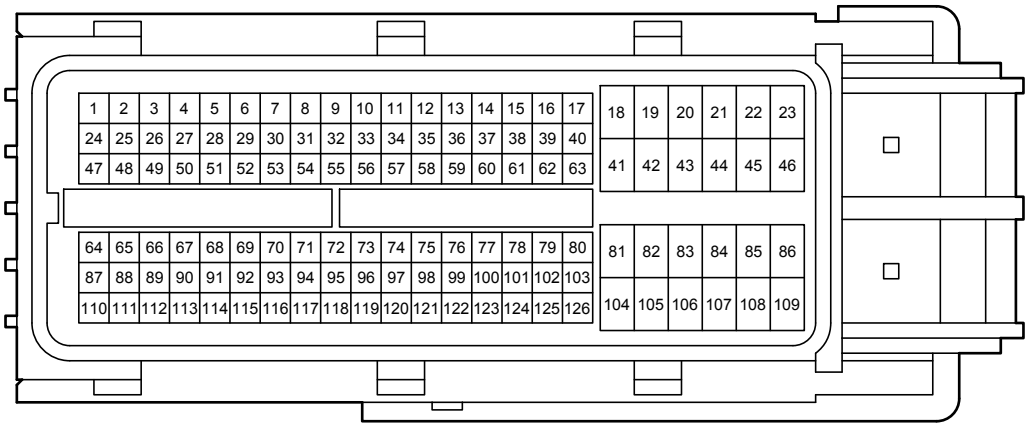
C 42
White



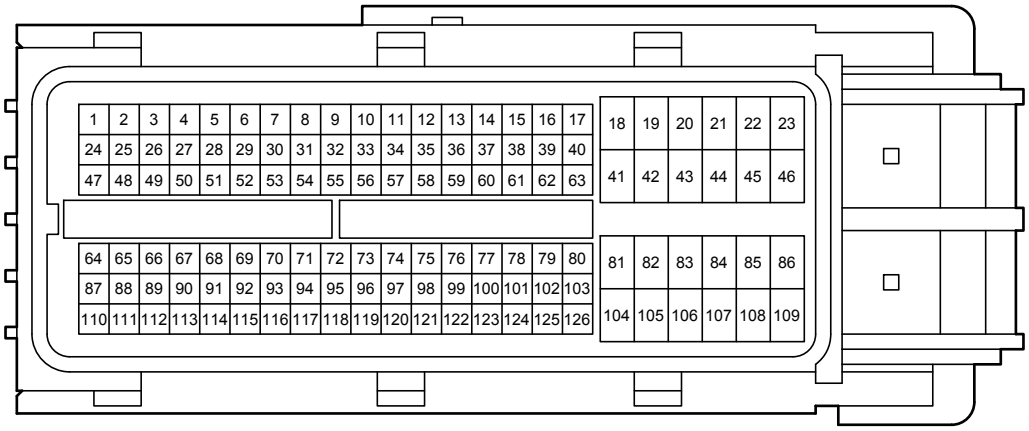
C 44
Blue



C 45
Black



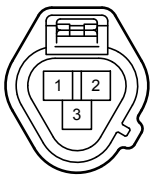
C 46
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C 47
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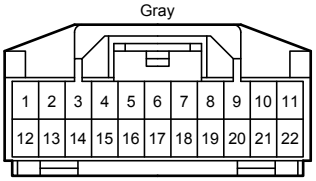
C 65
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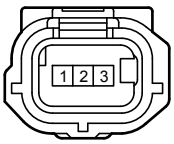
C 71
Gray



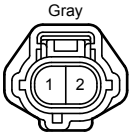
C 94
Gray



C114
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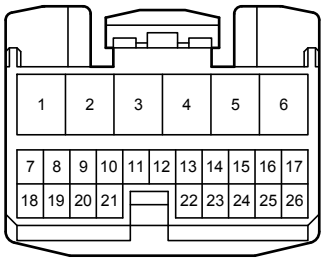
D 11
Gray



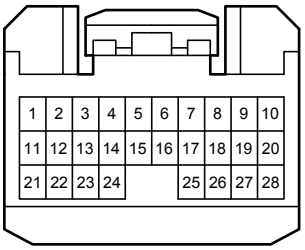
D 18
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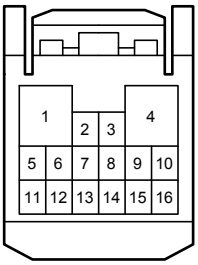
E 1
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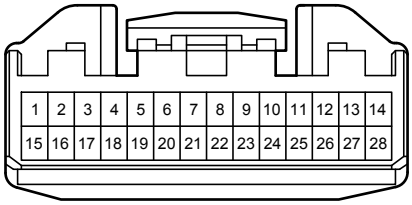
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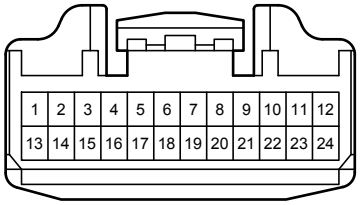
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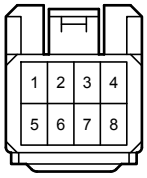
E 7
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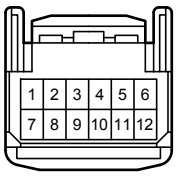
E 8
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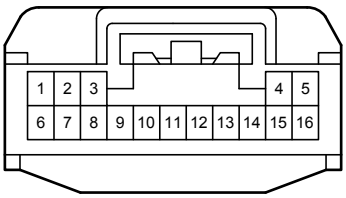
E 9
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E 12
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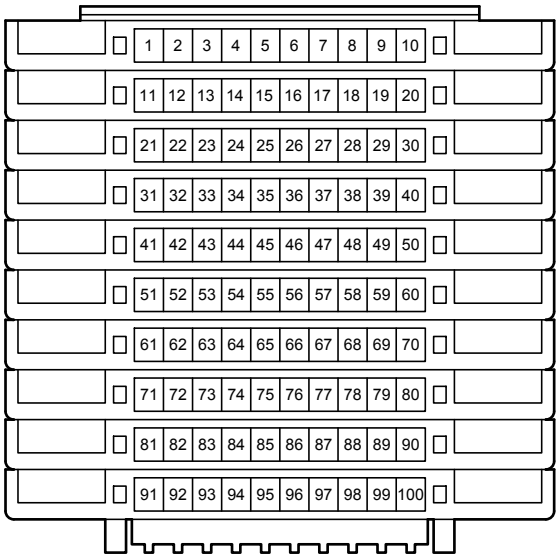
E 31
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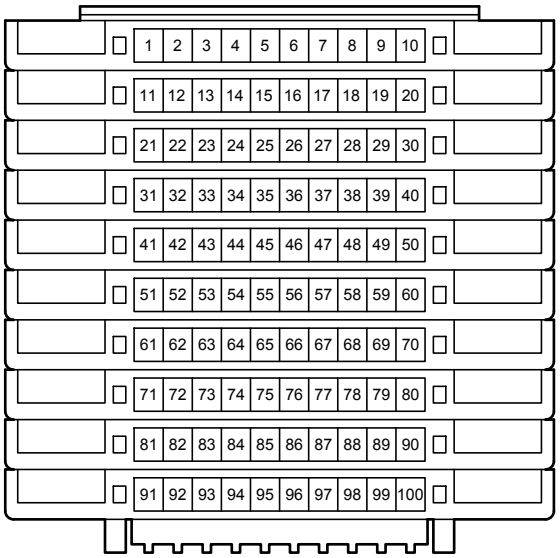
E 53
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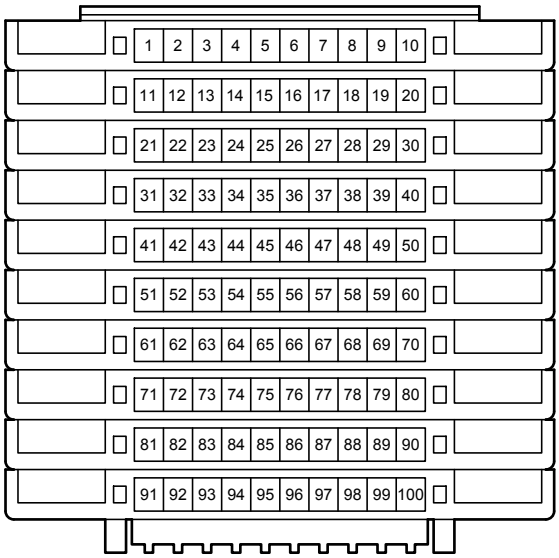
E 58



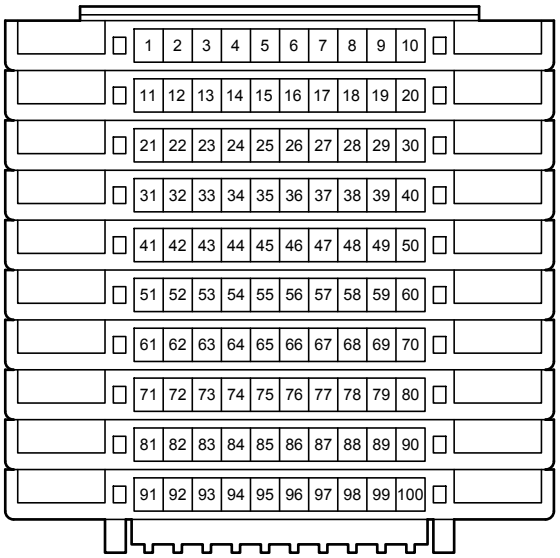
E 59



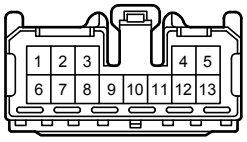
E 60



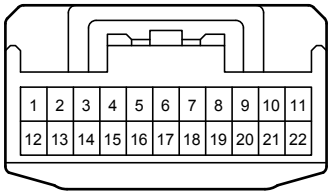
E 61



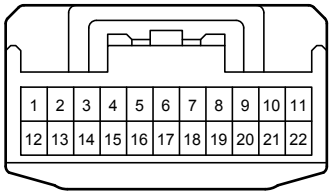
E 62
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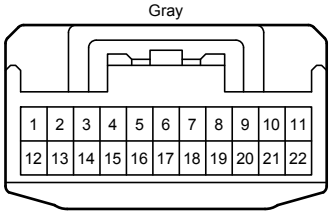
E 68
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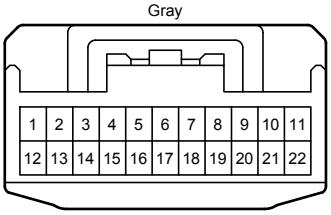
E 69
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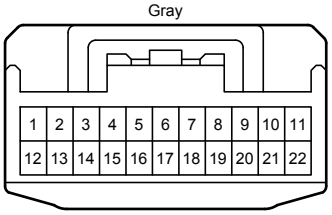
E 70
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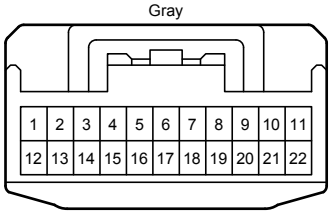
E 71
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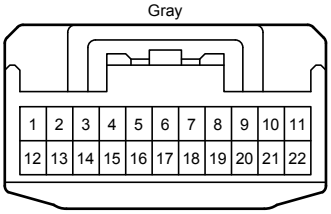
E 72
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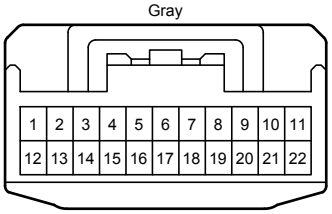
E 73
Gray



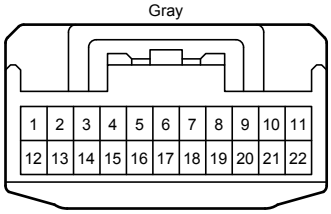
E 74
Gray



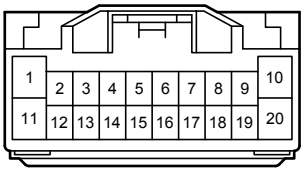
E 75
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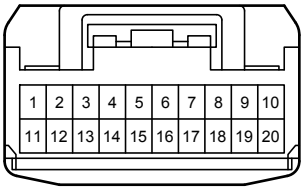
E 76
Gray



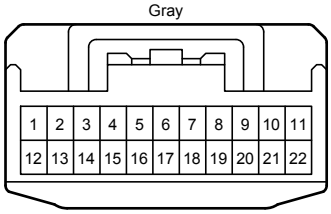
F 1
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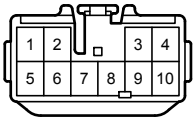
F 19
White



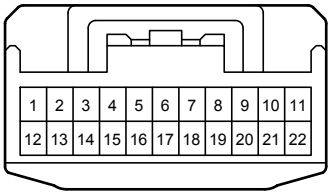
F 20
Gray



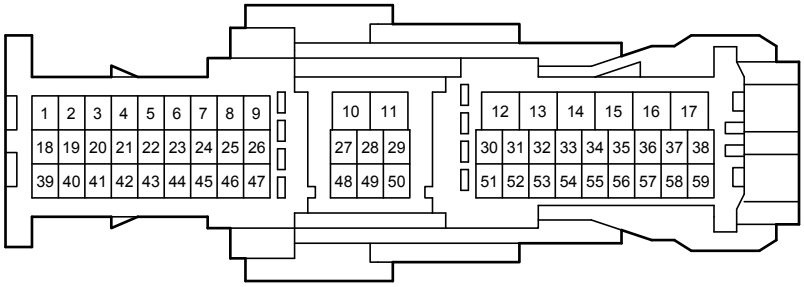
F 35
White



F 73
Blue



F 77
White



K 2
White



K 3
White



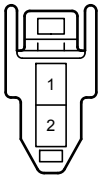
L 1
White



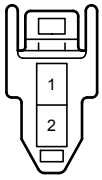
L 2
White



L 29
White



L 30
White



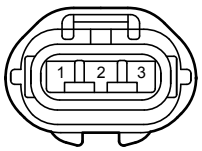
M 2
Black



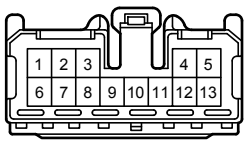
N 1
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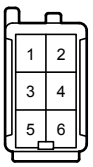
S 1
Black



S 15
White



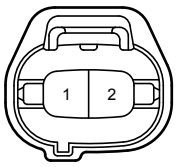
S 22
Black



S 27
Dark Gray



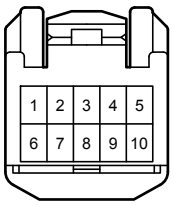
W 3
Blue



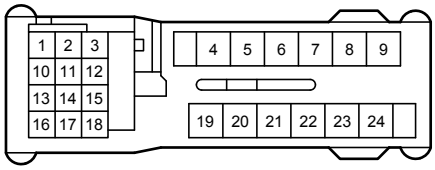
h 1
White



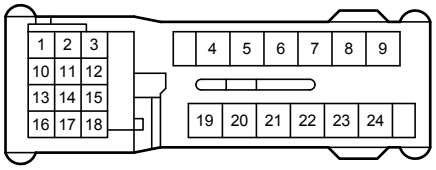
z 36
White



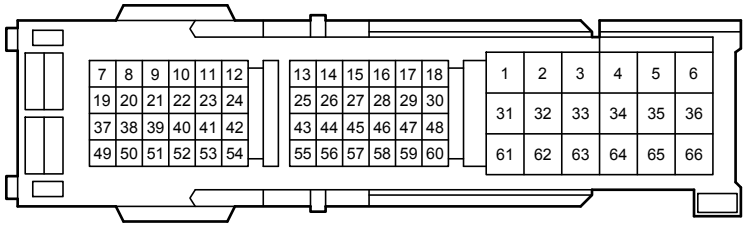
2B
White



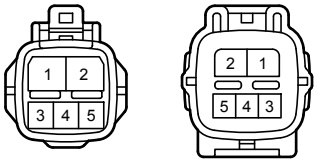
2C
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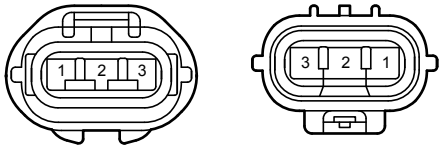
2D
White



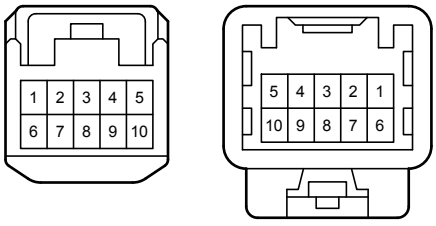
AA1
Gray



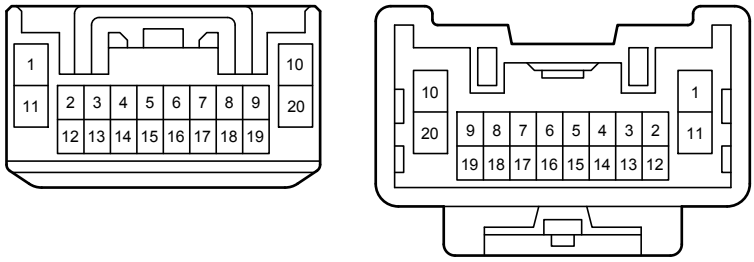
AD2
Black



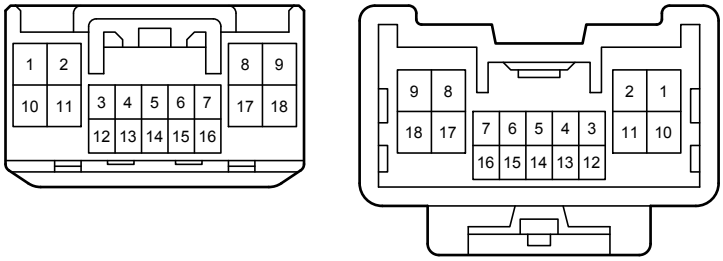
AE3
Gray



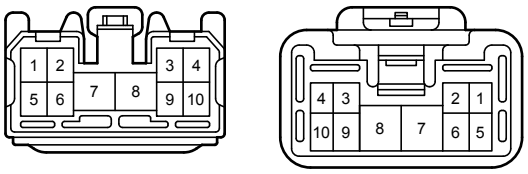
AK1
Blue



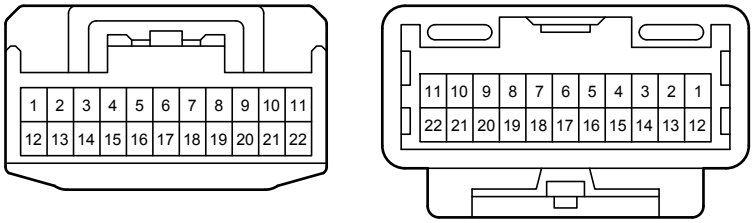
CA1
White



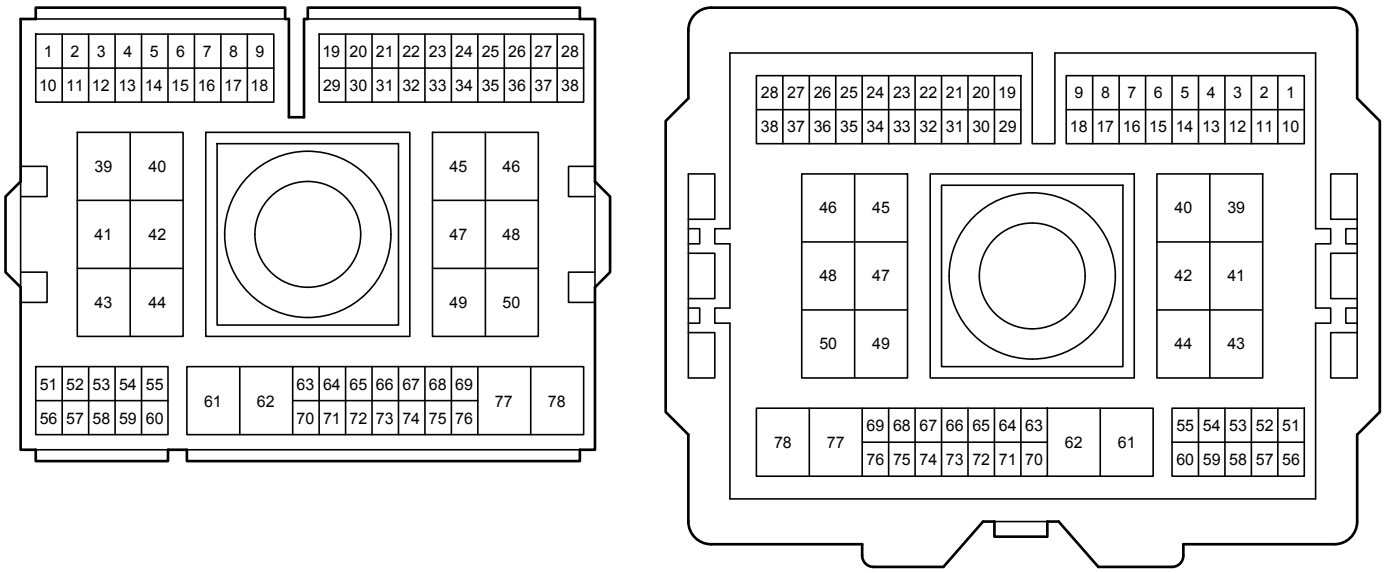
CA2
White



CA4
White

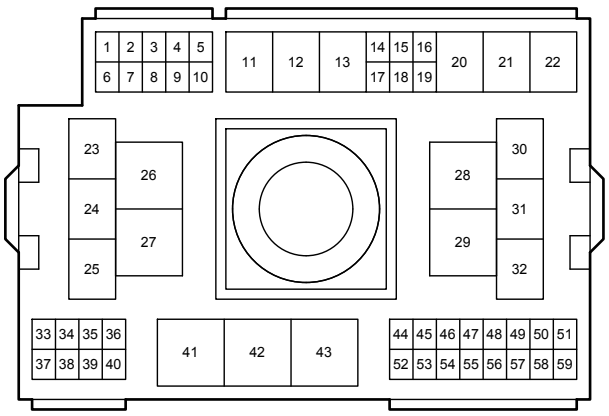


EA1
White

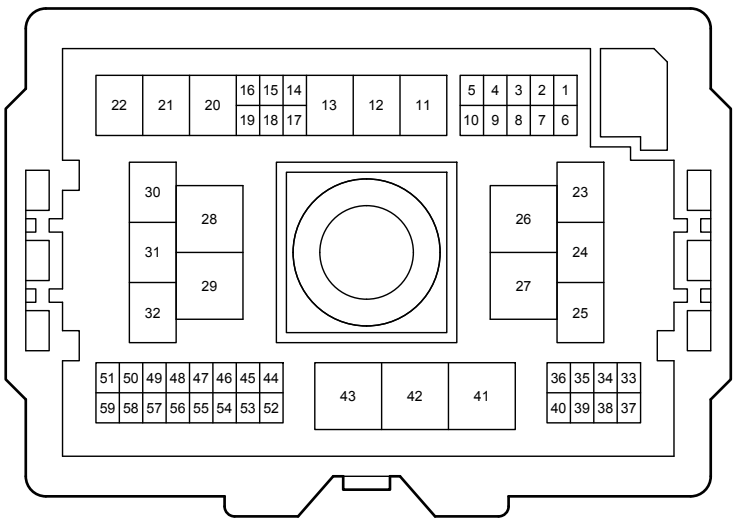


EA2

White

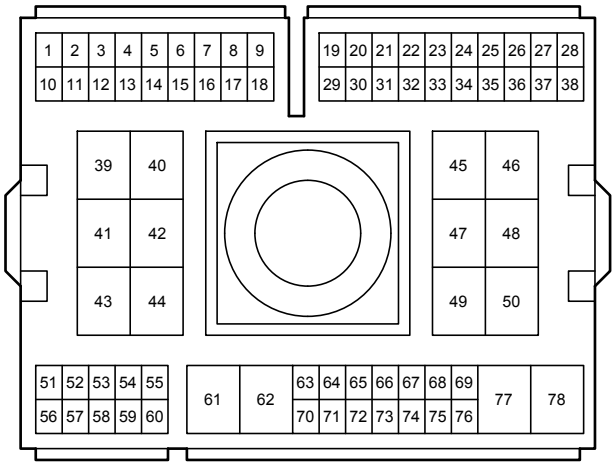


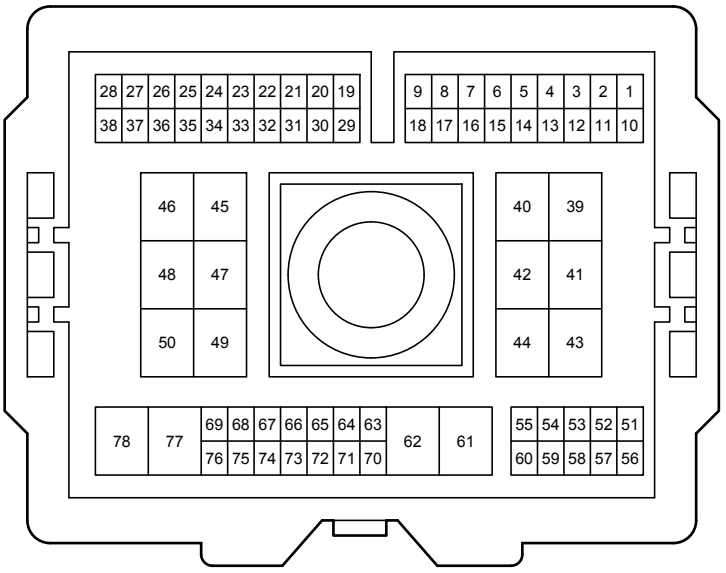
Gray



EA3

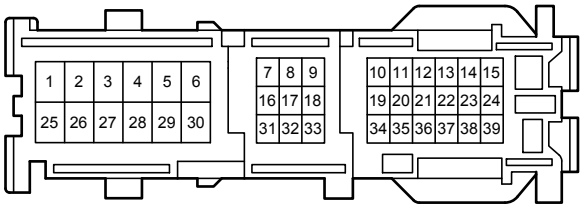
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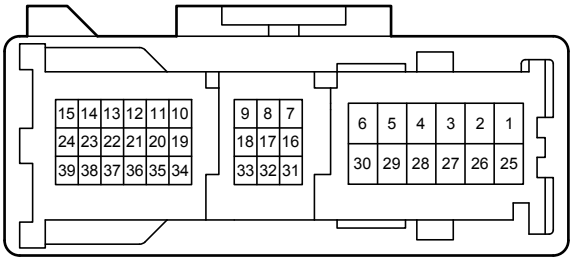




EA4

White

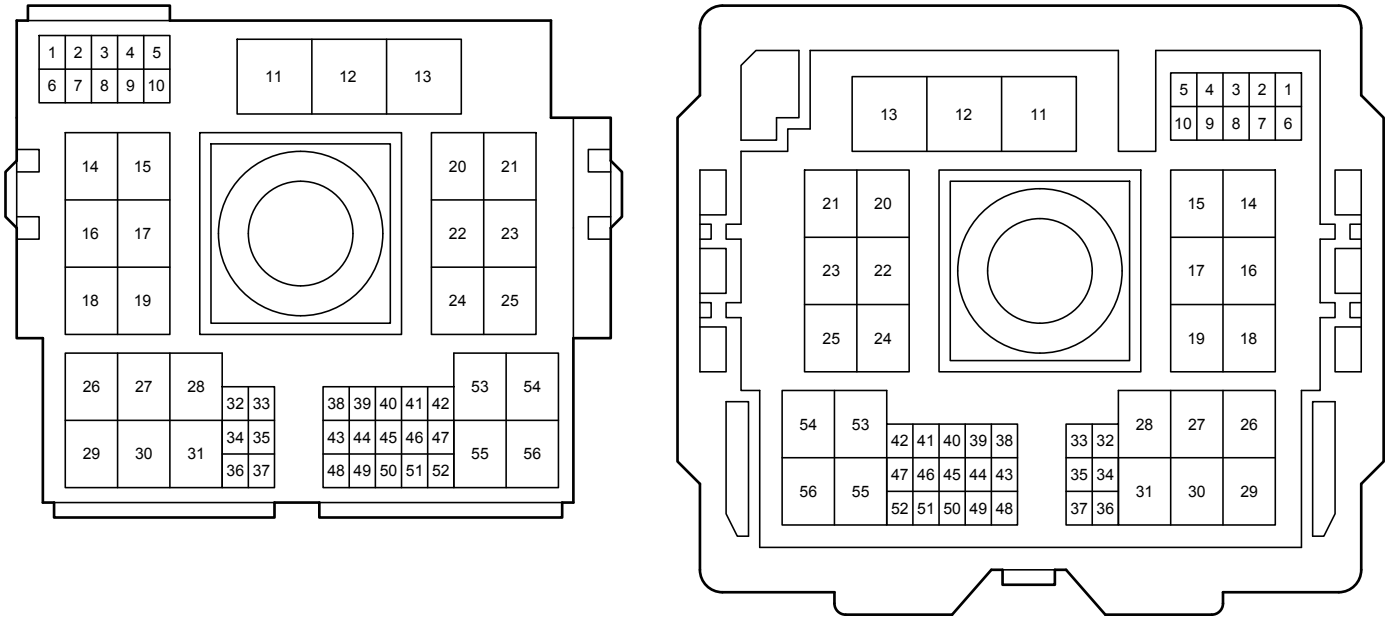




EK1

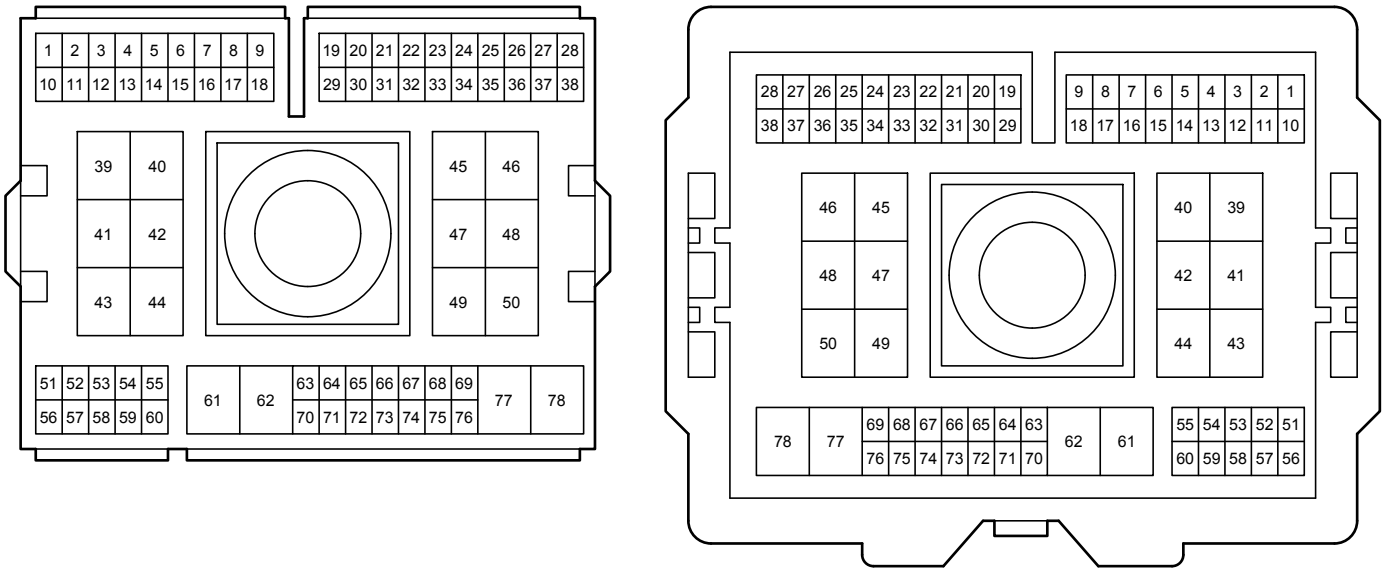
White

Blue

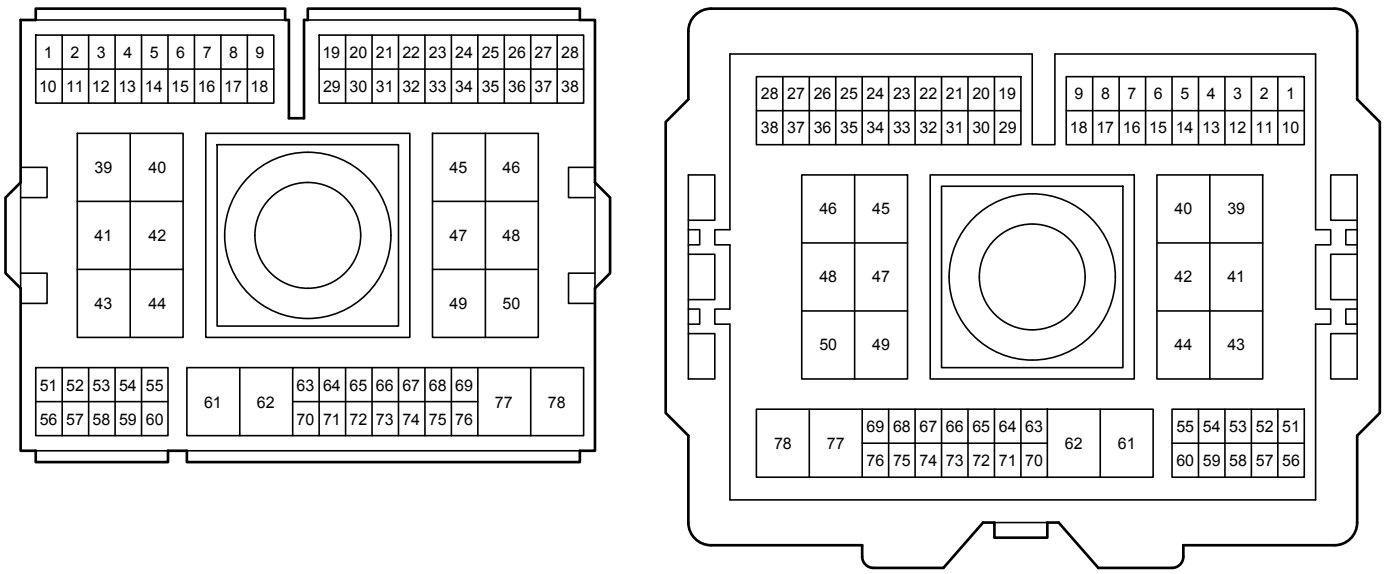


EK2

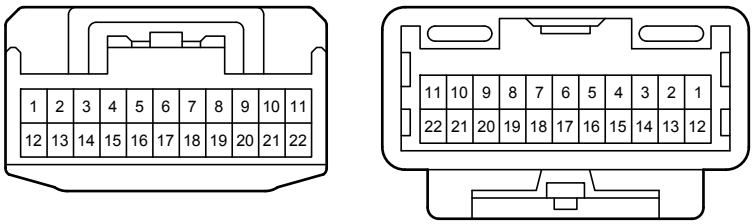
White



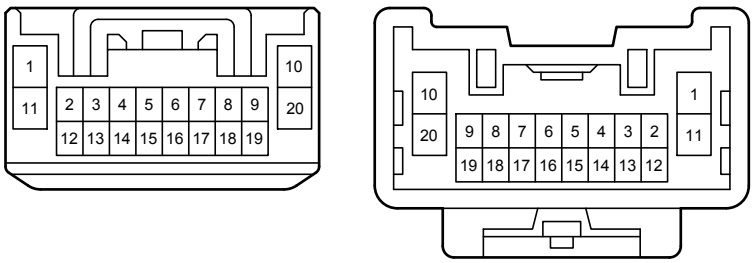
EL1
White



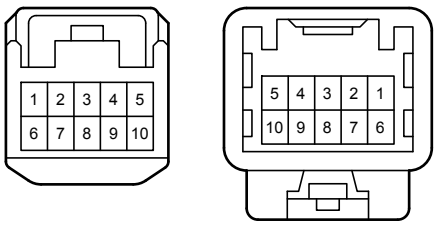
FE3
White



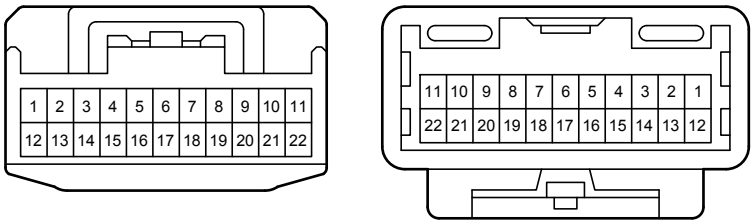
FE4
White



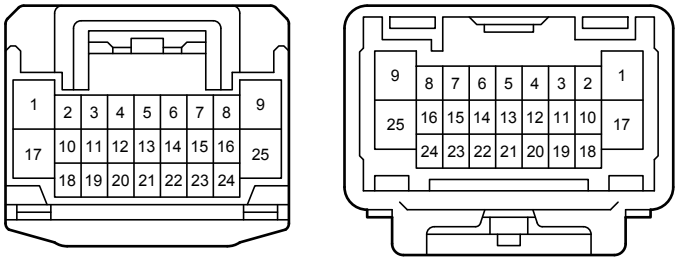
FE6
White



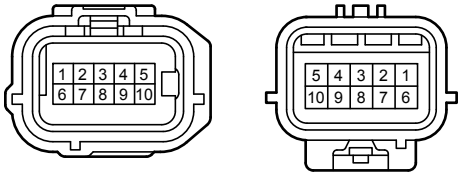
FL2
Blue



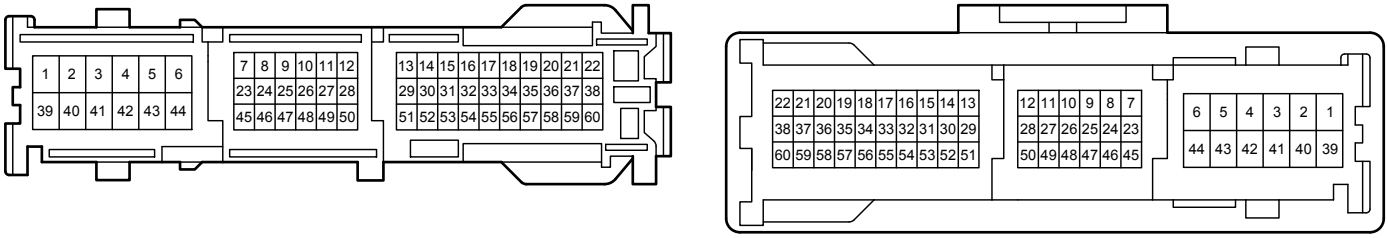
KL1
White



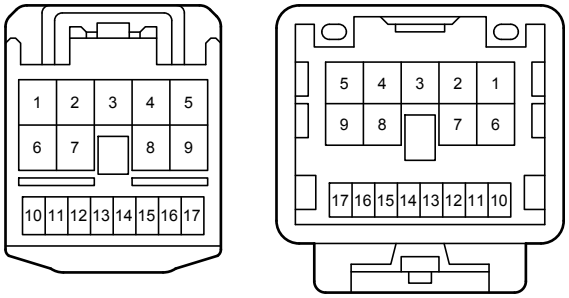
MK1
White



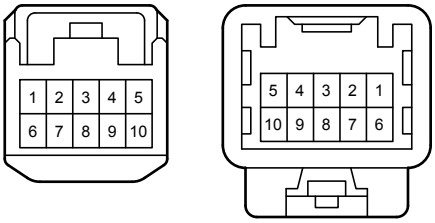
NK1
White



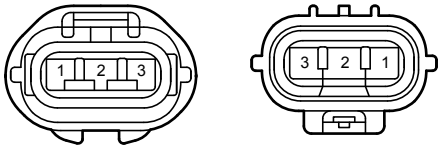
SK1
White

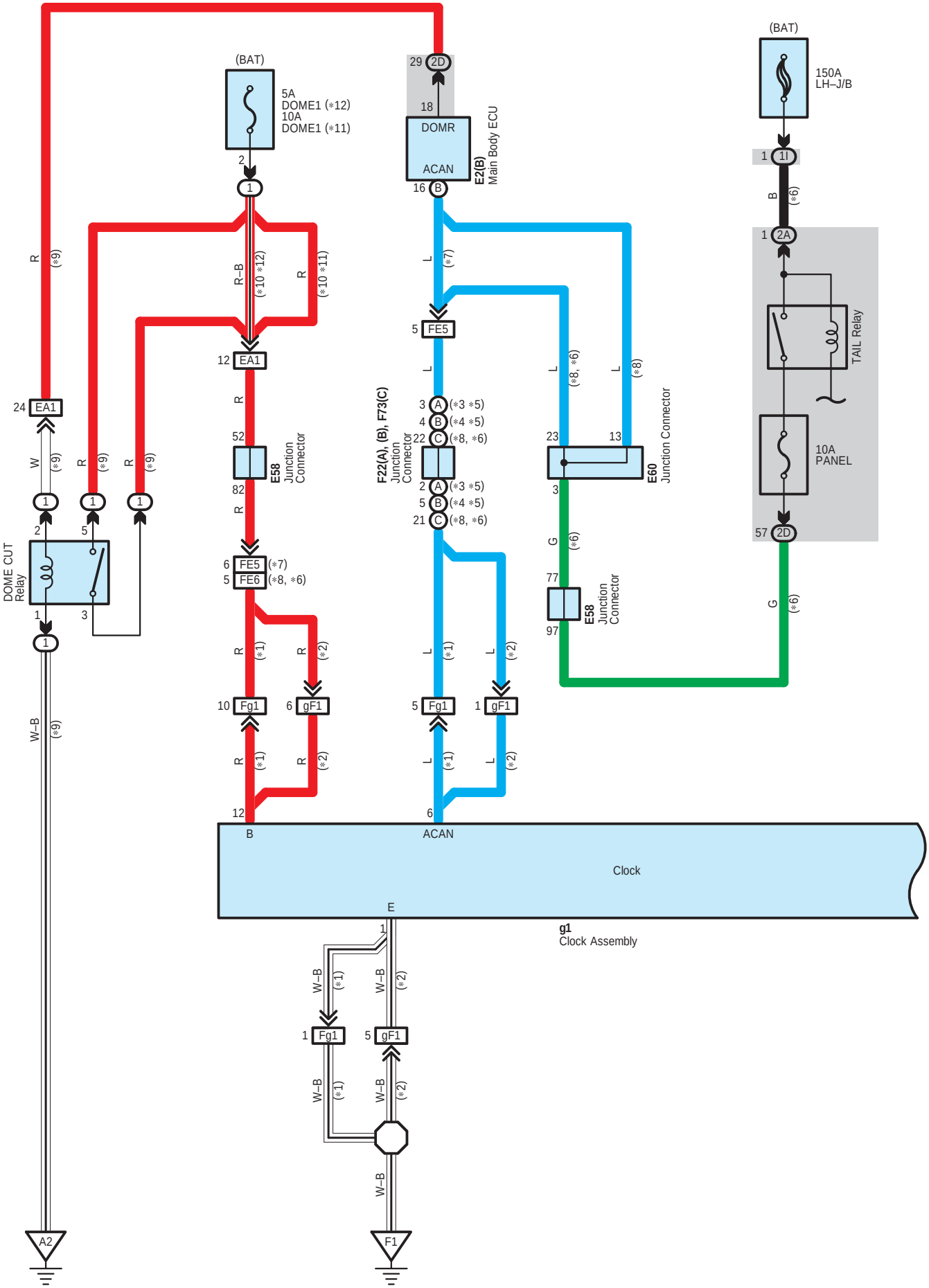


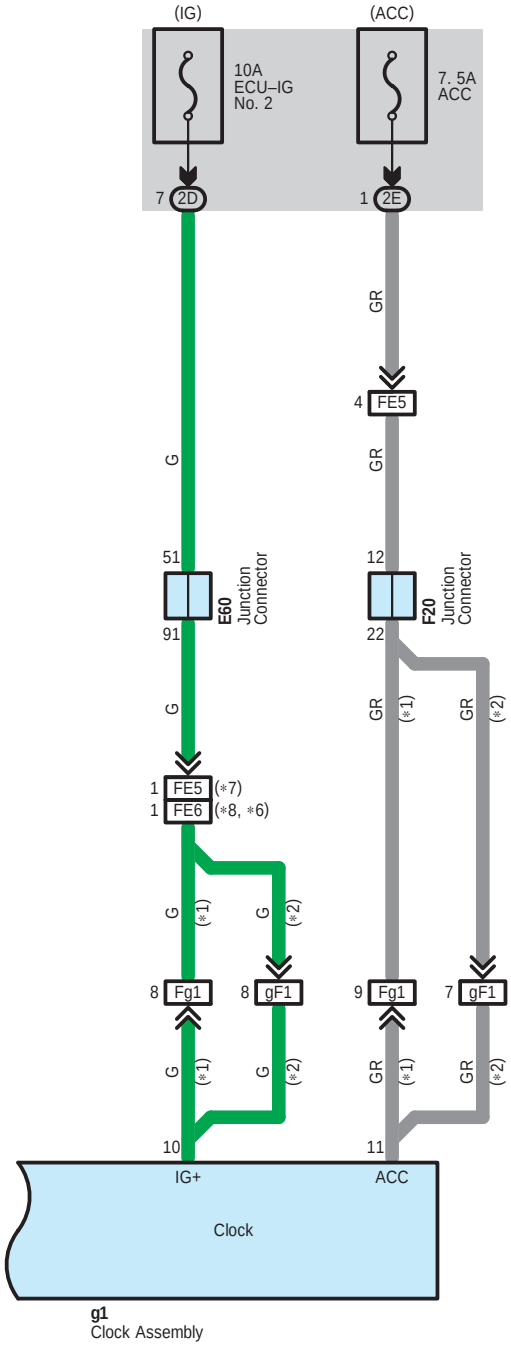
WK2
Gray



hL1
Black

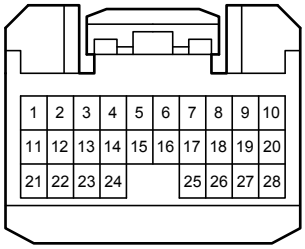



(BAT)
5A
DOME1 (*12)
10A
DOME1 (*11)
2
1
R (*9)
R–B (*10 *12)
R (*10 *11)
12 EA1
R
52
E58
Junction
Connector
82
R
6 FE5 (*7)
5 FE6 (*8, *6)
R (*1)
R (*2)
10 Fg1
6 gF1
R (*1)
R (*2)
12
B
24 EA1
W (*9)
R (*9)
R (*9)
1
2
5
DOME CUT
Relay
1
3
1
W–B (*9)
A2
29 2D
18
DOMR
ACAN
16 B
E2(B)
Main Body ECU
L (*7)
5 FE5
L
3 A (*3 *5)
4 B (*4 *5)
22 C (*8, *6)
F22(A), (B), F73(C)
Junction
Connector
2 A (*3 *5)
5 B (*4 *5)
21 C (*8, *6)
L (*1)
L (*2)
5 Fg1
1 gF1
L (*1)
L (*2)
6
ACAN
L (*8, *6)
L (*8)
23
13
E60
Junction Connector
3
G (*6)
77
E58
Junction
Connector
97
(BAT)
150A
LH–J/B
1 1I
B (*6)
1 2A
TAIL Relay
10A
PANEL
57 2D
G (*6)
Clock
E
1
g1
Clock Assembly
W–B (*1)
W–B (*2)
1 Fg1
5 gF1
W–B (*1)
W–B (*2)
W–B
F1

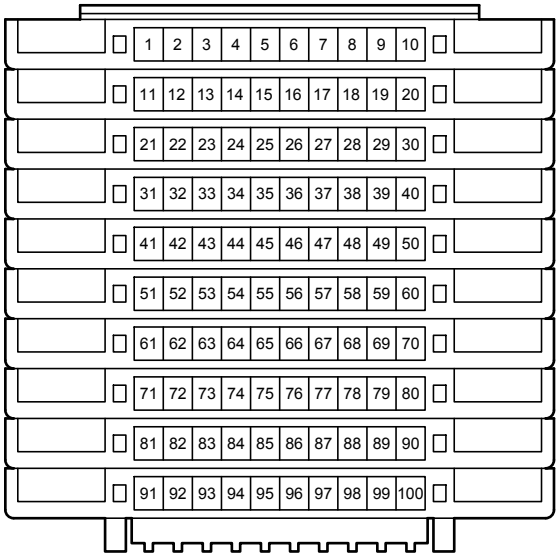


∗ 1 : w/ Stereo Component Amplifier
∗ 2 : w/o Stereo Component Amplifier
∗ 3 : Before Jul. 2009 Production
∗ 4 : From Jul. 2009 Production until Jan. 2012 Production
∗ 5 : Liftgate Type
∗ 6 : Swing Type
∗ 7 : Before Jan. 2012 Production Liftgate Type
∗ 8 : From Jan. 2012 Production Liftgate Type
∗ 9 : w/ DOME CUT Relay
∗10 : w/o DOME CUT Relay
∗11 : From Jan. 2013 Production Except China
∗12 : Before Jan. 2013 Production,
From Jan. 2013 Production China

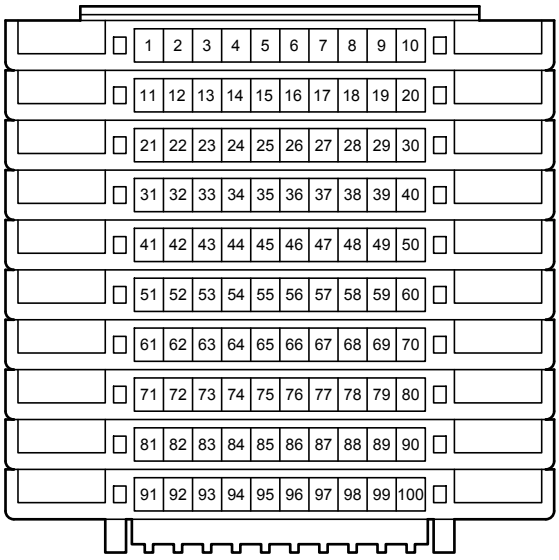
E 2
White



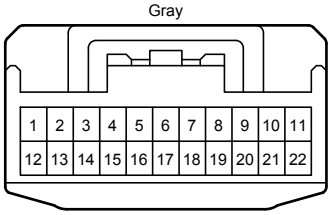
E 58



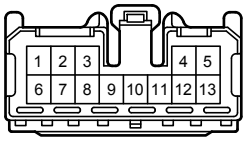
E 60



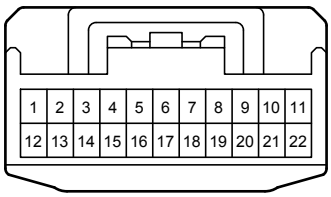
F 20
Gray



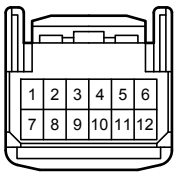
F 22
White



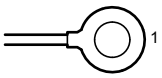
F 73
Blue



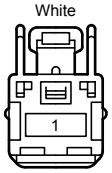
g 1
White



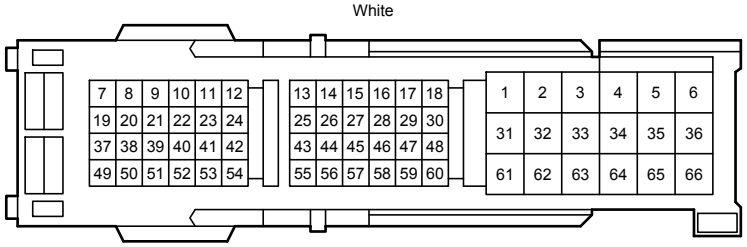
1I



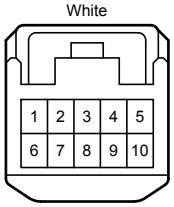
2A
White

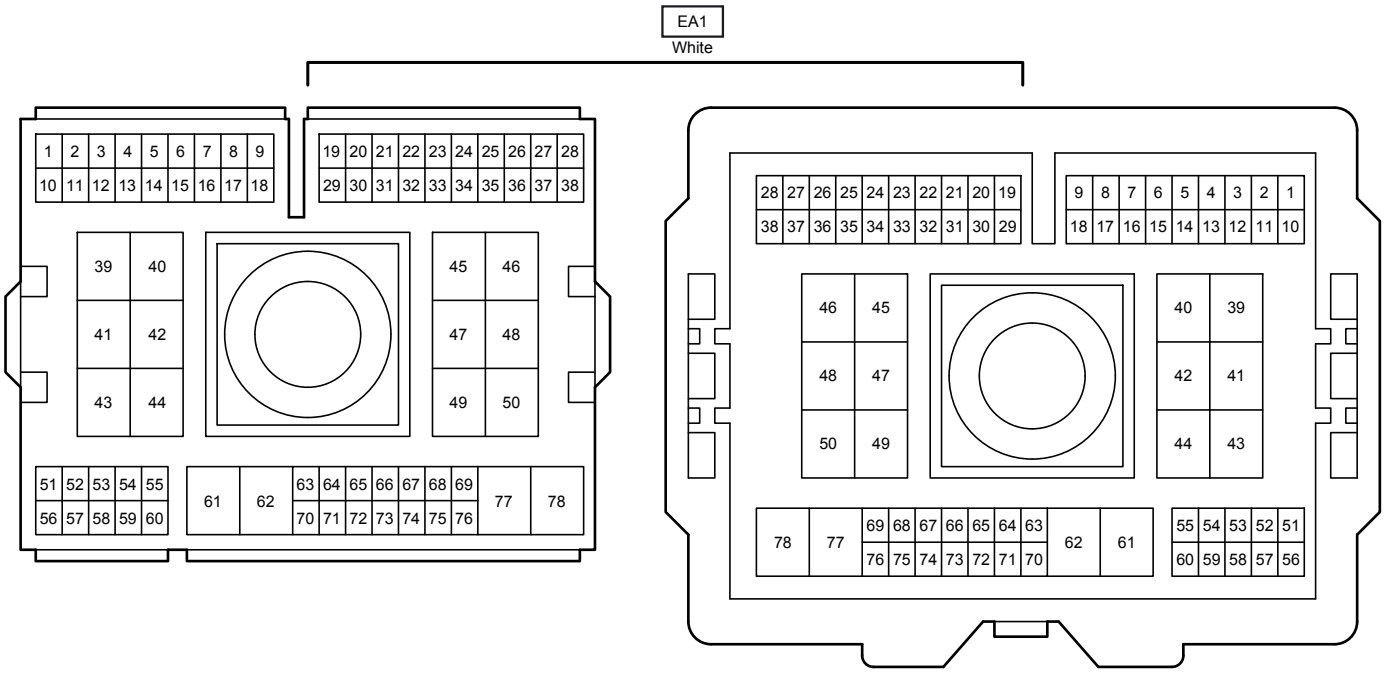


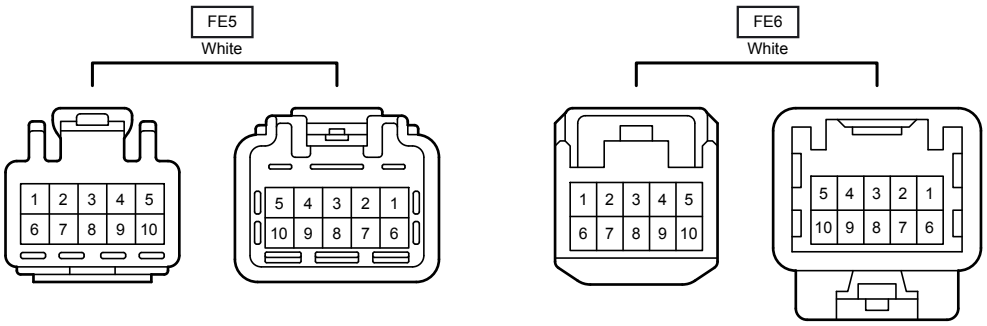
2D
White

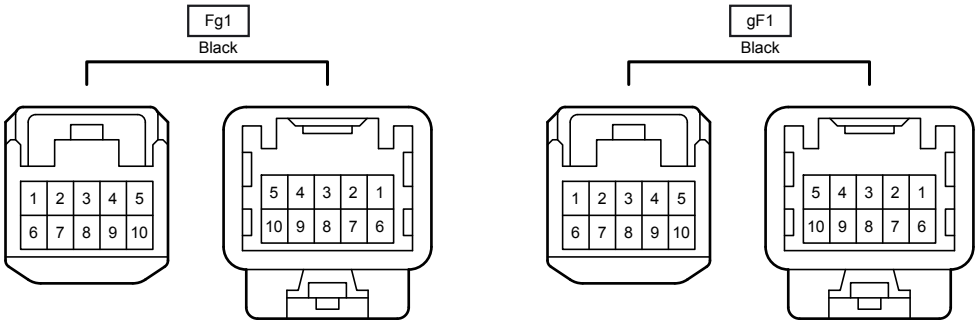


2E
White

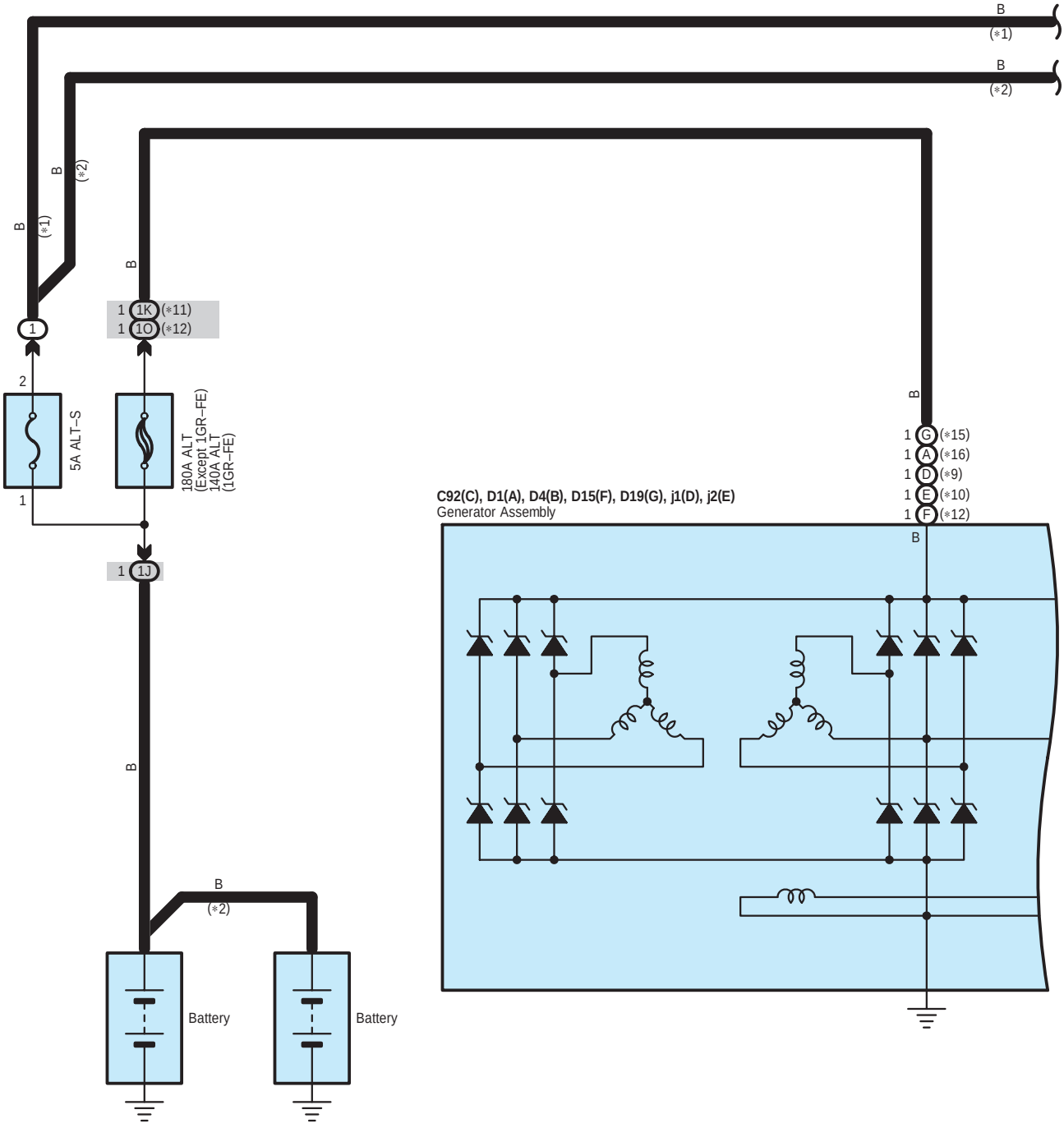


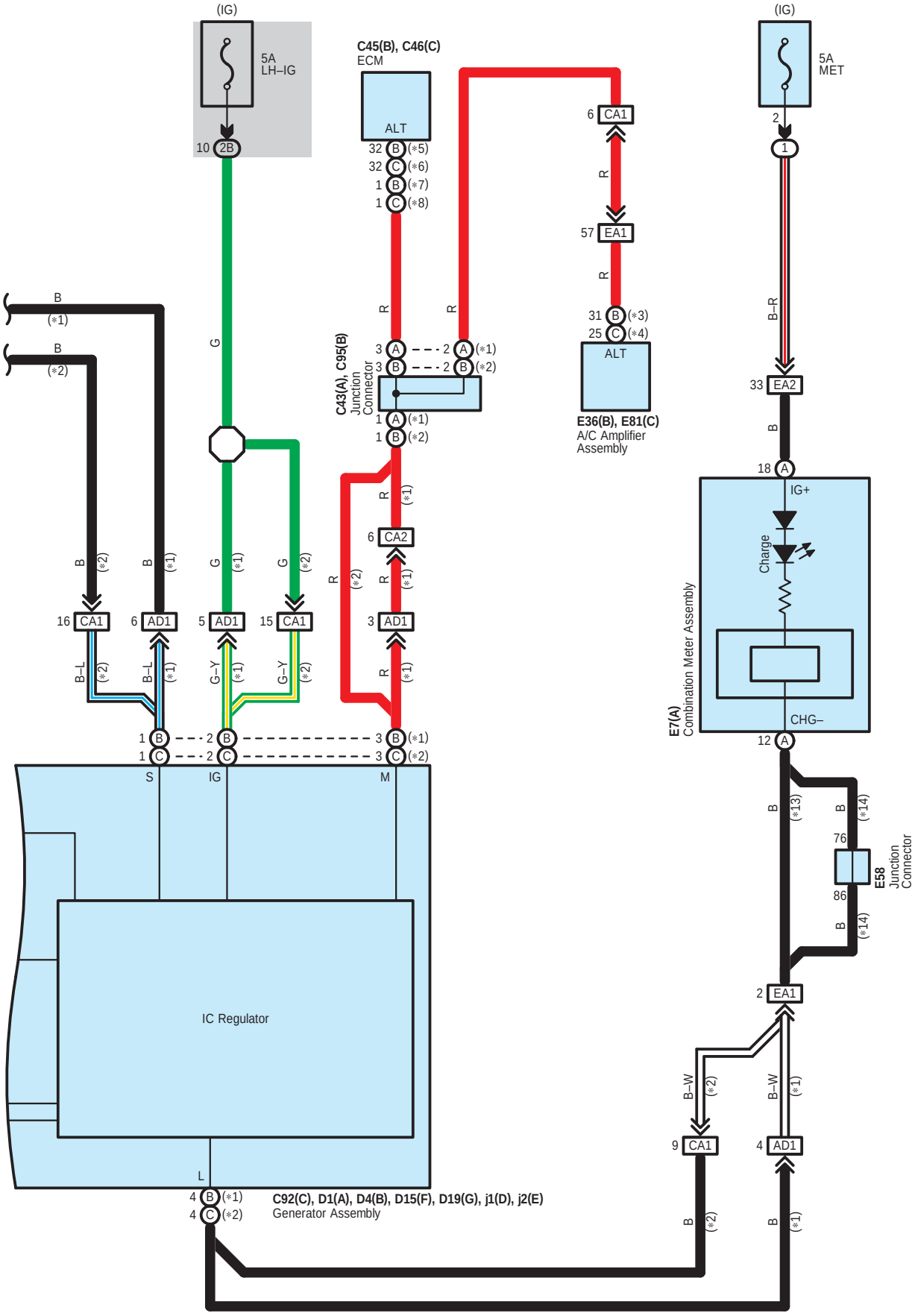

EA1
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45
48 47
50 49
40 39
42 41
44 43
78 77
69 68 67 66 65 64 63
76 75 74 73 72 71 70
62 61
55 54 53 52 51
60 59 58 57 56


FE5
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
FE6
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

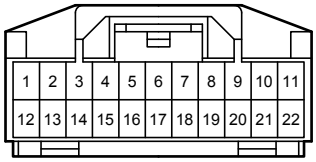

Fg1
Black
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
gF1
Black
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

∗ 1 : Gasoline
∗ 2 : Diesel
∗ 3 : w/ Rear A/C
∗ 4 : w/o Rear A/C
∗ 5 : LHD Gasoline
∗ 6 : RHD Gasoline
∗ 7 : LHD Diesel
∗ 8 : RHD Diesel
∗ 9 : Diesel Cold Area Spec.
∗10 : Diesel Except Cold Area Spec.
∗11 : Except 3UR–FE
∗12 : 3UR–FE
∗13 : Before Jan. 2012 Production
∗14 : From Jan. 2012 Production
∗15 : From Jan. 2012 Production 1GR–FE
∗16 : 1UR–FE, 2UZ–FE, Before Jan. 2012 Production 1GR–FE

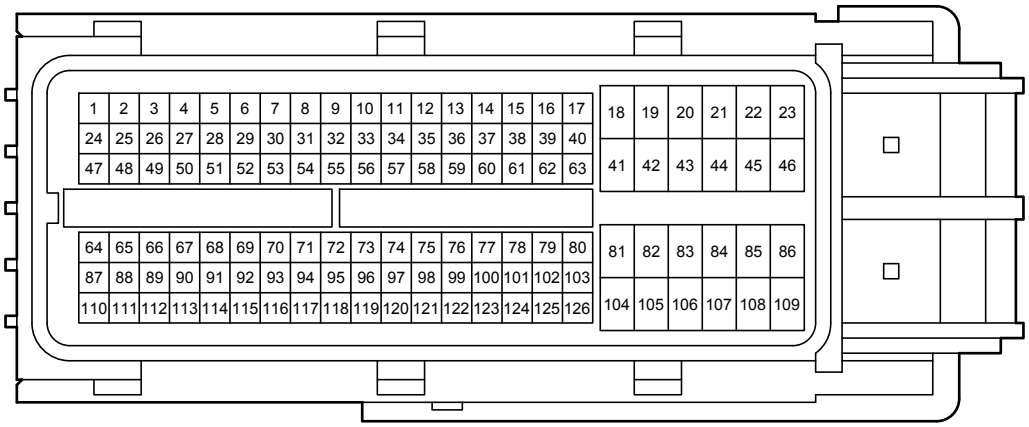



(IG)
5A
LH–IG
10 2B
C45(B), C46(C)
ECM
ALT
32 B (*5)
32 C (*6)
1 B (*7)
1 C (*8)
6 CA1
R
57 EA1
R
31 B (*3)
25 C (*4)
ALT
E36(B), E81(C)
A/C Amplifier
Assembly
(IG)
5A
MET
2
1
B–R
33 EA2
B
18 A
IG+
Charge
CHG–
E7(A)
Combination Meter Assembly
12 A
B (*13)
B (*14)
76
86
E58
Junction
Connector
2 EA1
B–W (*2)
B–W (*1)
9 CA1
4 AD1
B (*2)
B (*1)
C43(A), C95(B)
Junction
Connector
3 A – 2 A (*1)
3 B – 2 B (*2)
1 A (*1)
1 B (*2)
R (*1)
6 CA2
R (*1)
3 AD1
R (*1)
R (*2)
B (*1)
B (*2)
G
G (*1)
G (*2)
16 CA1
6 AD1
5 AD1
15 CA1
B–L (*2)
B–L (*1)
G–Y (*1)
G–Y (*2)
1 B – 2 B – 3 B (*1)
1 C – 2 C – 3 C (*2)
S
IG
M
IC Regulator
L
4 B (*1)
4 C (*2)
C92(C), D1(A), D4(B), D15(F), D19(G), j1(D), j2(E)
Generator Assembly

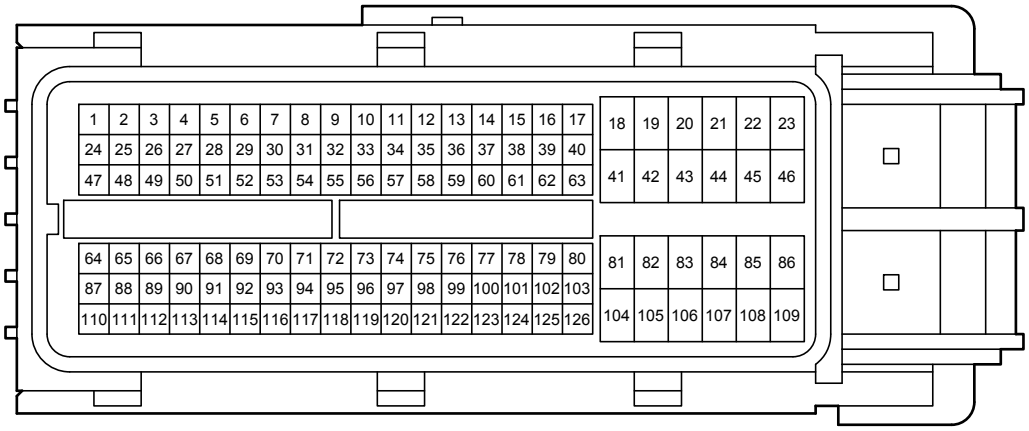
C 43
White



C 45
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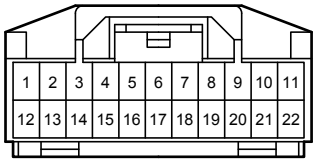
C 46
Black



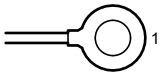
C 92
Black



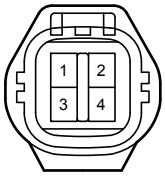
C 95
Black



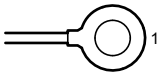
D 1



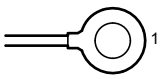
D 4
Black



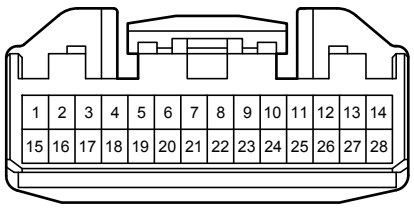
D 15



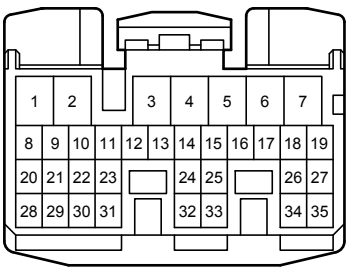
D 19



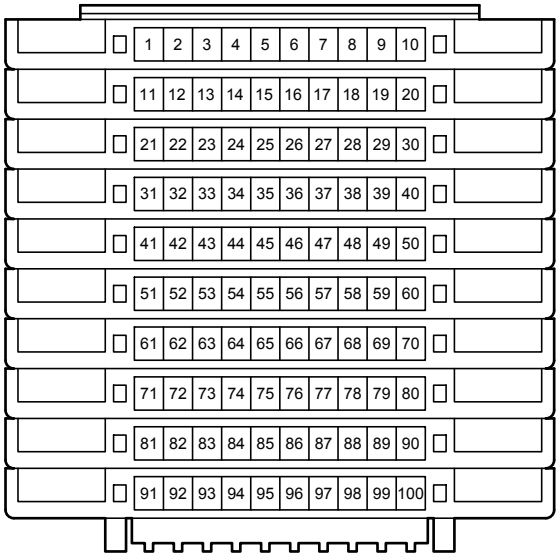
E 7
White



E 36
White

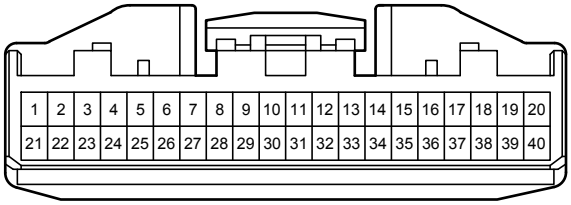


E 58

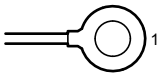


E 81

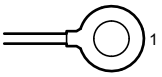
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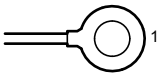
j 1



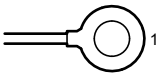
j 2



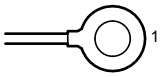
1J



1K

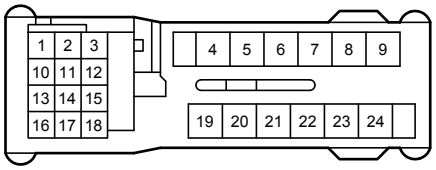


1O



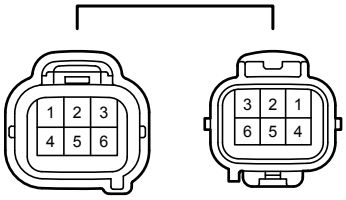
2B

White



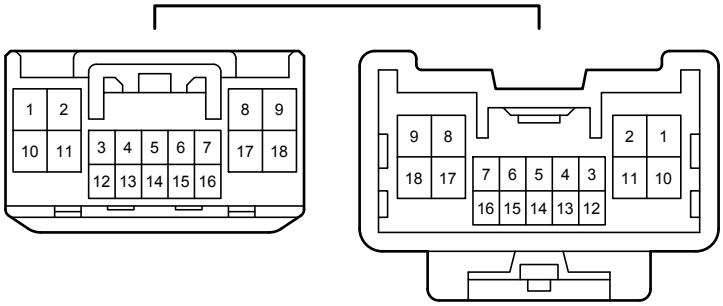
AD1

Black



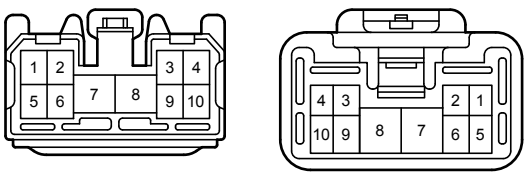
CA1

White



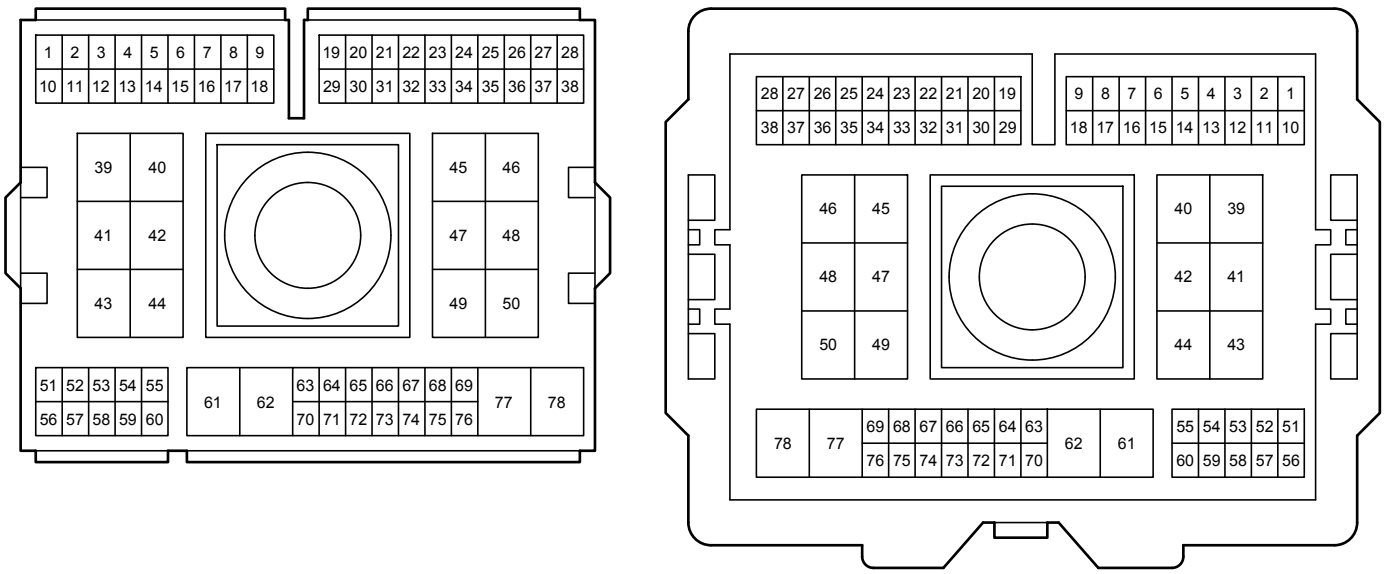
CA2

White



EA1

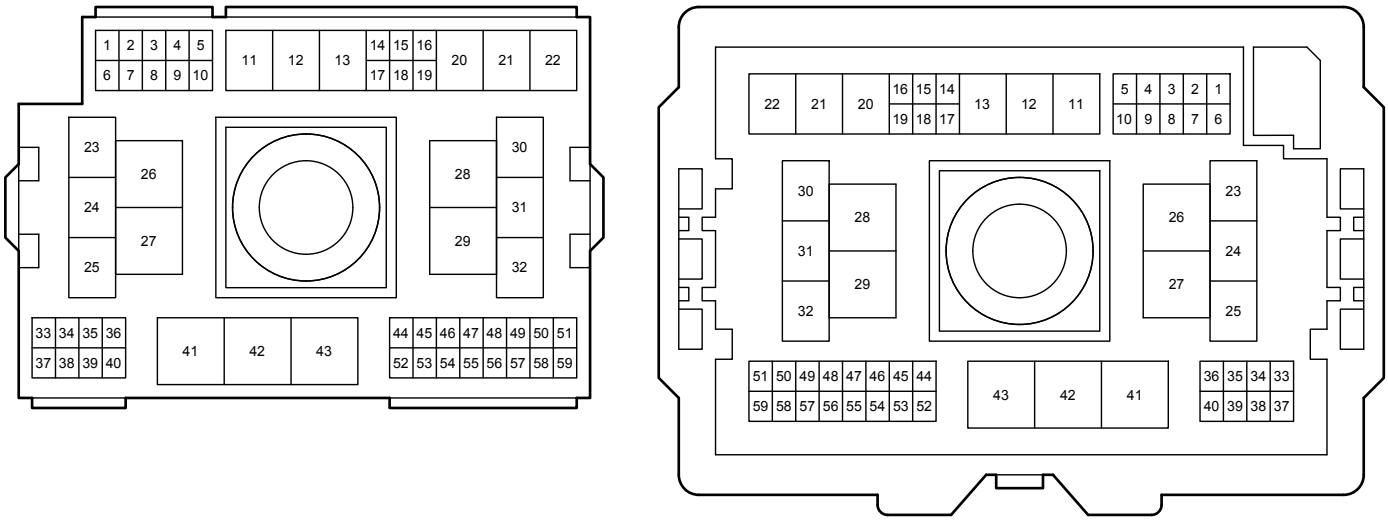
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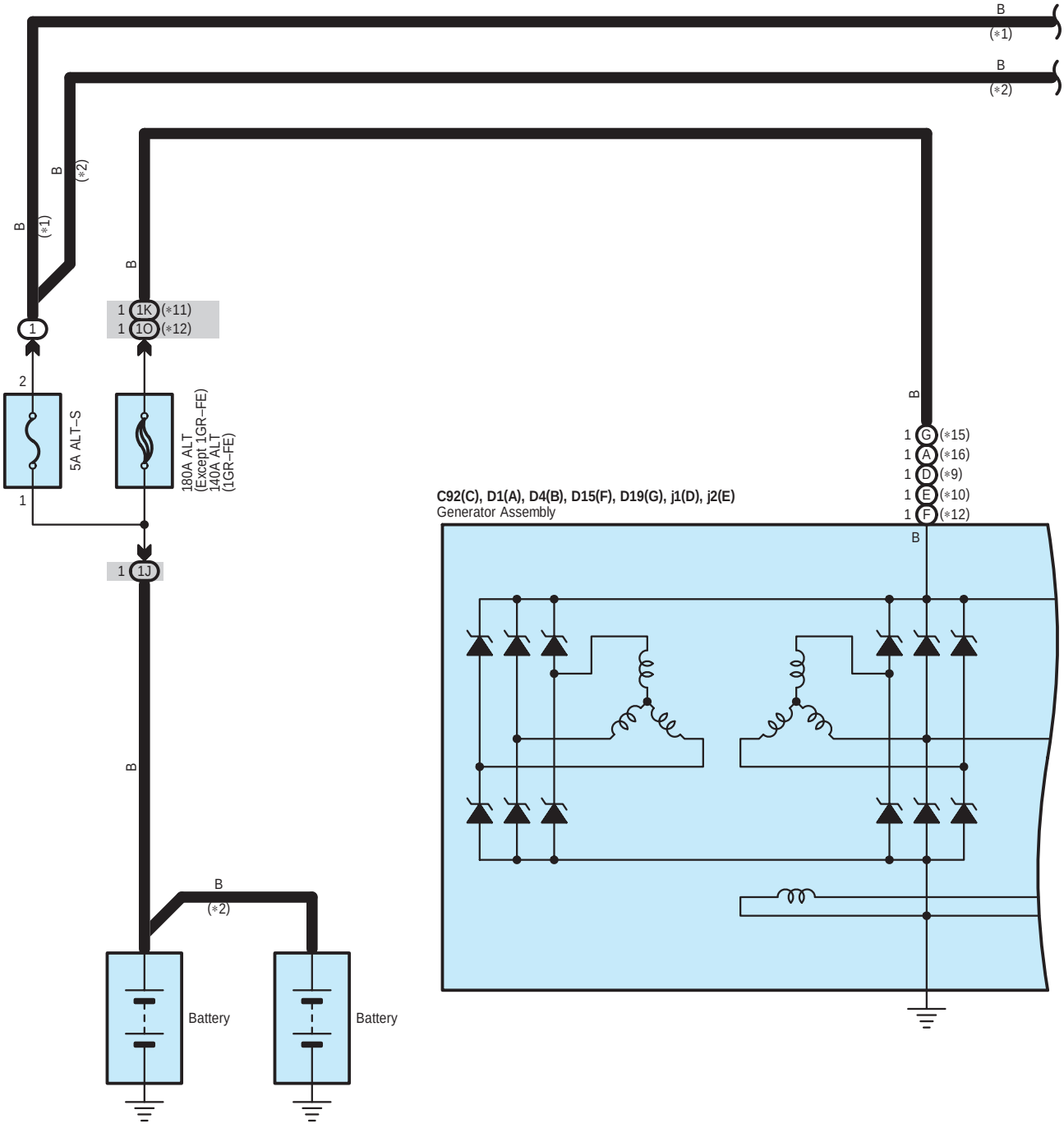
EA2

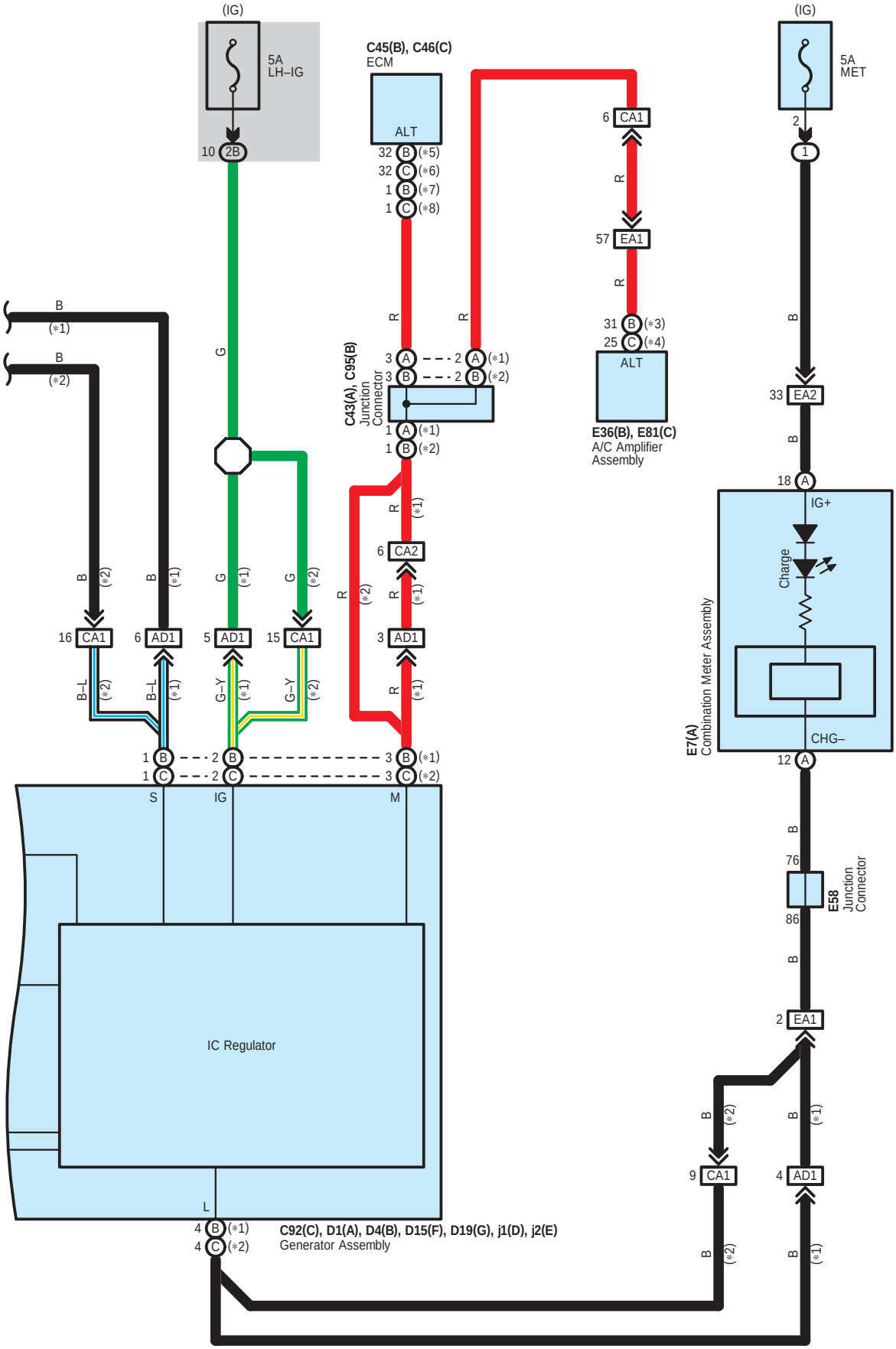
White

Gray

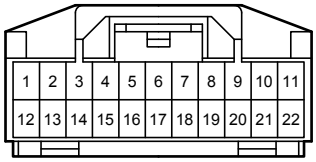


∗ 1 : Gasoline
∗ 2 : Diesel
∗ 3 : w/ Rear A/C
∗ 4 : w/o Rear A/C
∗ 5 : LHD Gasoline
∗ 6 : RHD Gasoline
∗ 7 : LHD Diesel
∗ 8 : RHD Diesel
∗ 9 : Diesel Cold Area Spec.
∗10 : Diesel Except Cold Area Spec.
∗11 : Except ∗12
∗12 : 3UR–FE, 1UR–FE w/ Heated Windshield Defroster
∗15 : 1GR–FE
∗16 : 1UR–FE w/o Heated Windshield Defroster

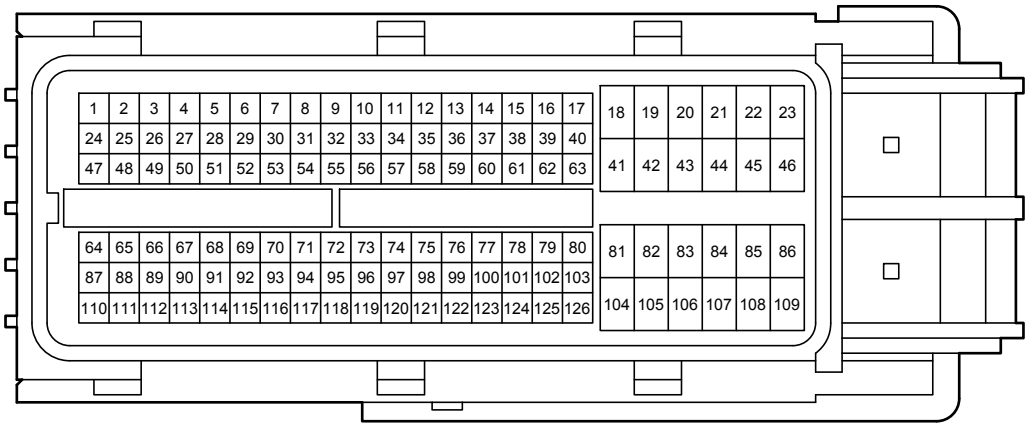



(IG)
5A
LH–IG
10 2B
C45(B), C46(C)
ECM
ALT
32 B (*5)
32 C (*6)
1 B (*7)
1 C (*8)
6 CA1
R
57 EA1
R
31 B (*3)
25 C (*4)
ALT
E36(B), E81(C)
A/C Amplifier
Assembly
(IG)
5A
MET
2
1
B
33 EA2
B
18 A
IG+
Charge
CHG–
E7(A)
Combination Meter Assembly
12 A
B
76
E58
Junction
Connector
86
B
2 EA1
B (*2)
9 CA1
B (*1)
4 AD1
B (*2)
B (*1)
B
(*1)
B
(*2)
G
G (*1)
G (*2)
C43(A), C95(B)
Junction
Connector
3 A 2 A (*1)
3 B 2 B (*2)
1 A (*1)
1 B (*2)
R (*1)
R (*2)
6 CA2
R (*1)
3 AD1
R (*1)
16 CA1
6 AD1
5 AD1
15 CA1
B–L (*2)
B–L (*1)
G–Y (*1)
G–Y (*2)
1 B 2 B 3 B (*1)
1 C 2 C 3 C (*2)
S
IG
M
IC Regulator
L
4 B (*1)
4 C (*2)
C92(C), D1(A), D4(B), D15(F), D19(G), j1(D), j2(E)
Generator Assembly

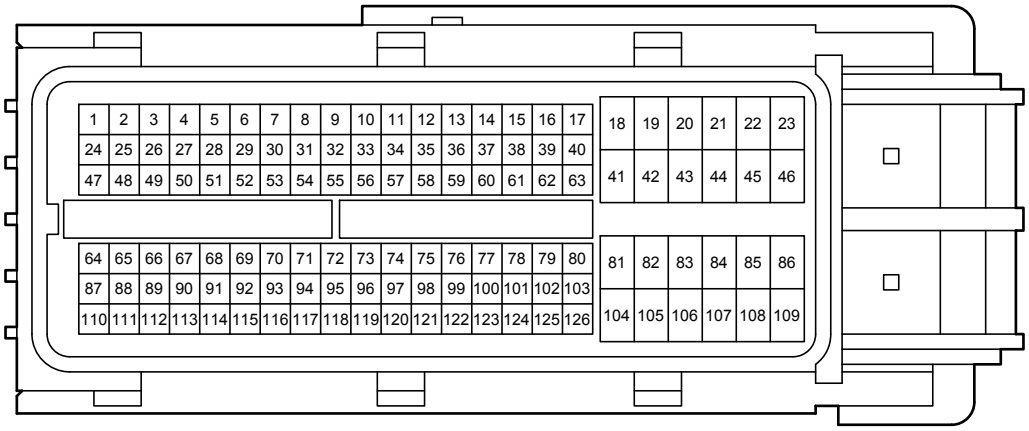
C 43
White



C 45
Black



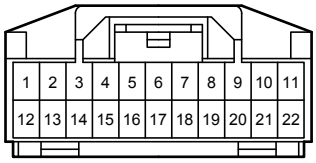
C 46
Black



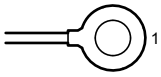
C 92
Black



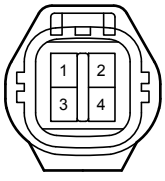
C 95
Black



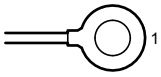
D 1



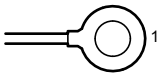
D 4
Black



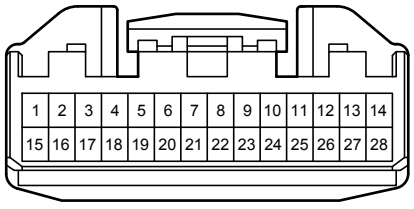
D 15



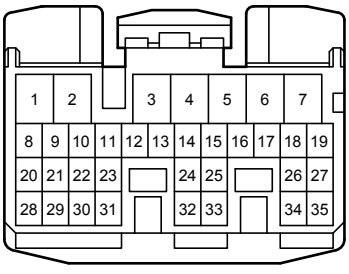
D 19



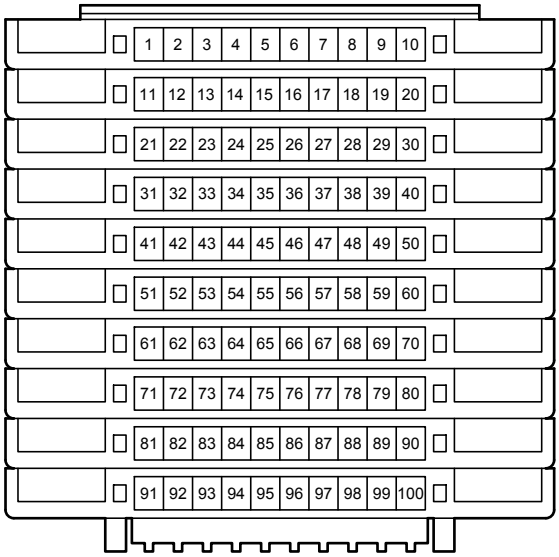
E 7
White



E 36
White

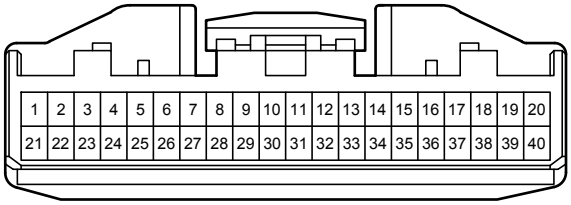


E 58

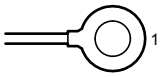


E 81

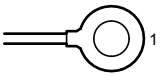
White



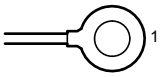
j 1



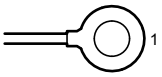
j 2



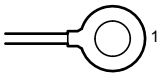
1J



1K

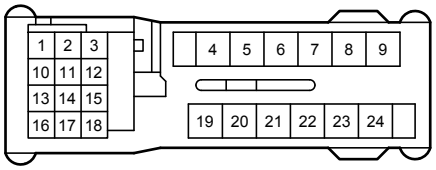


1O



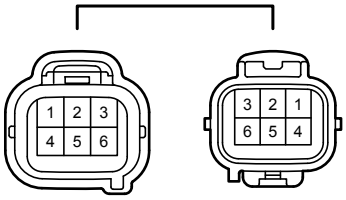
2B

White



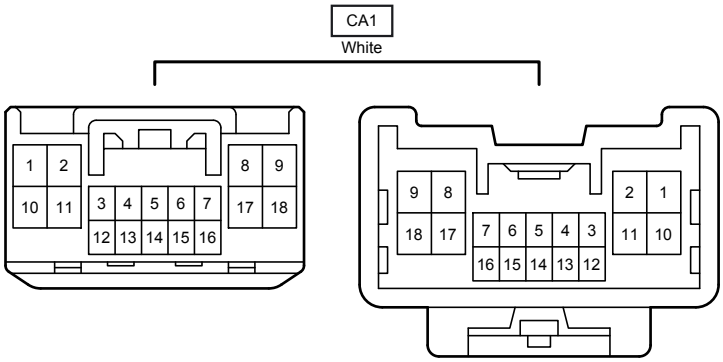
AD1

Black



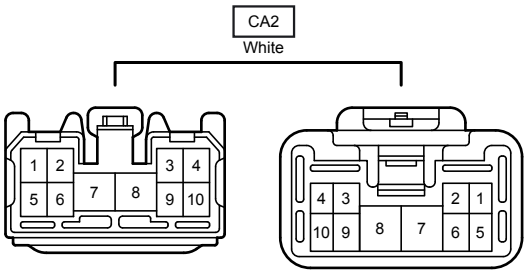
CA1

White



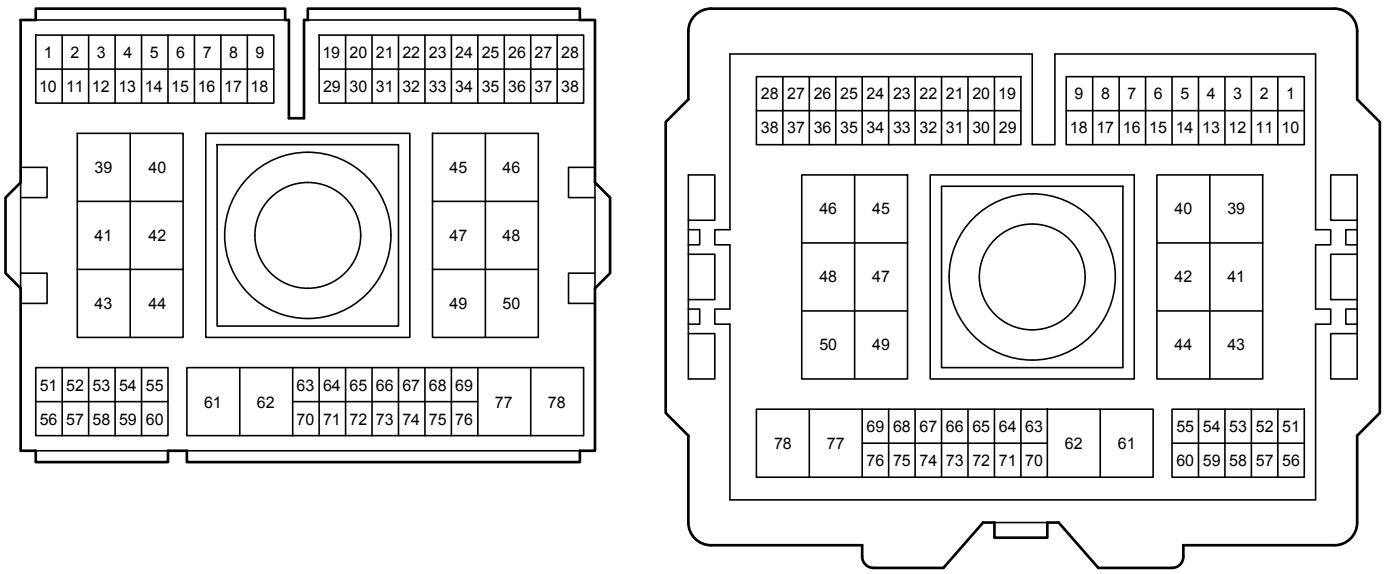
CA2

White



EA1

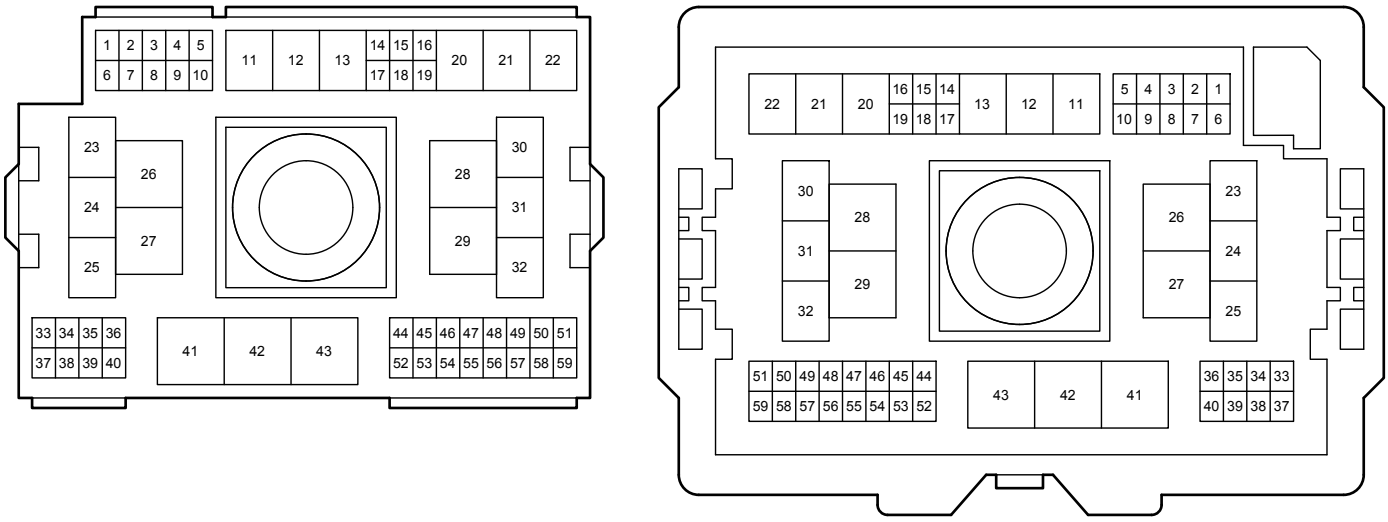
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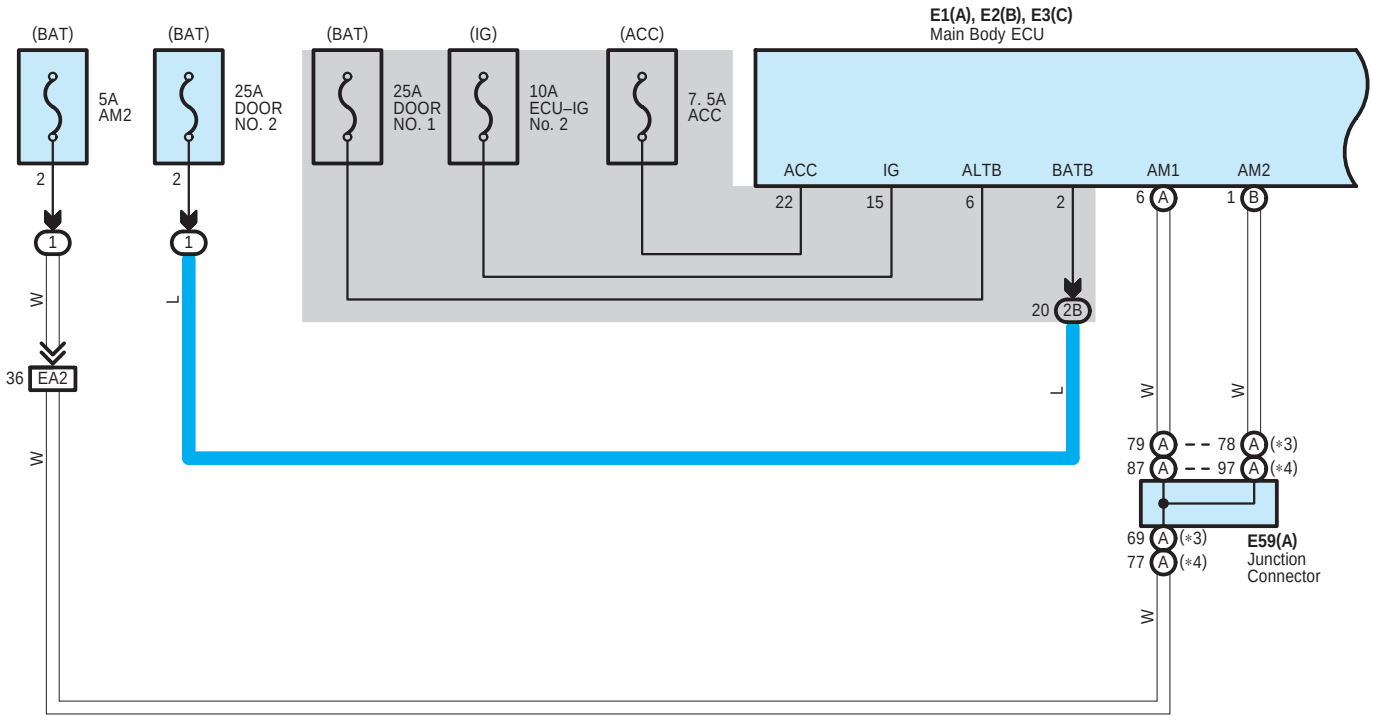


EA2

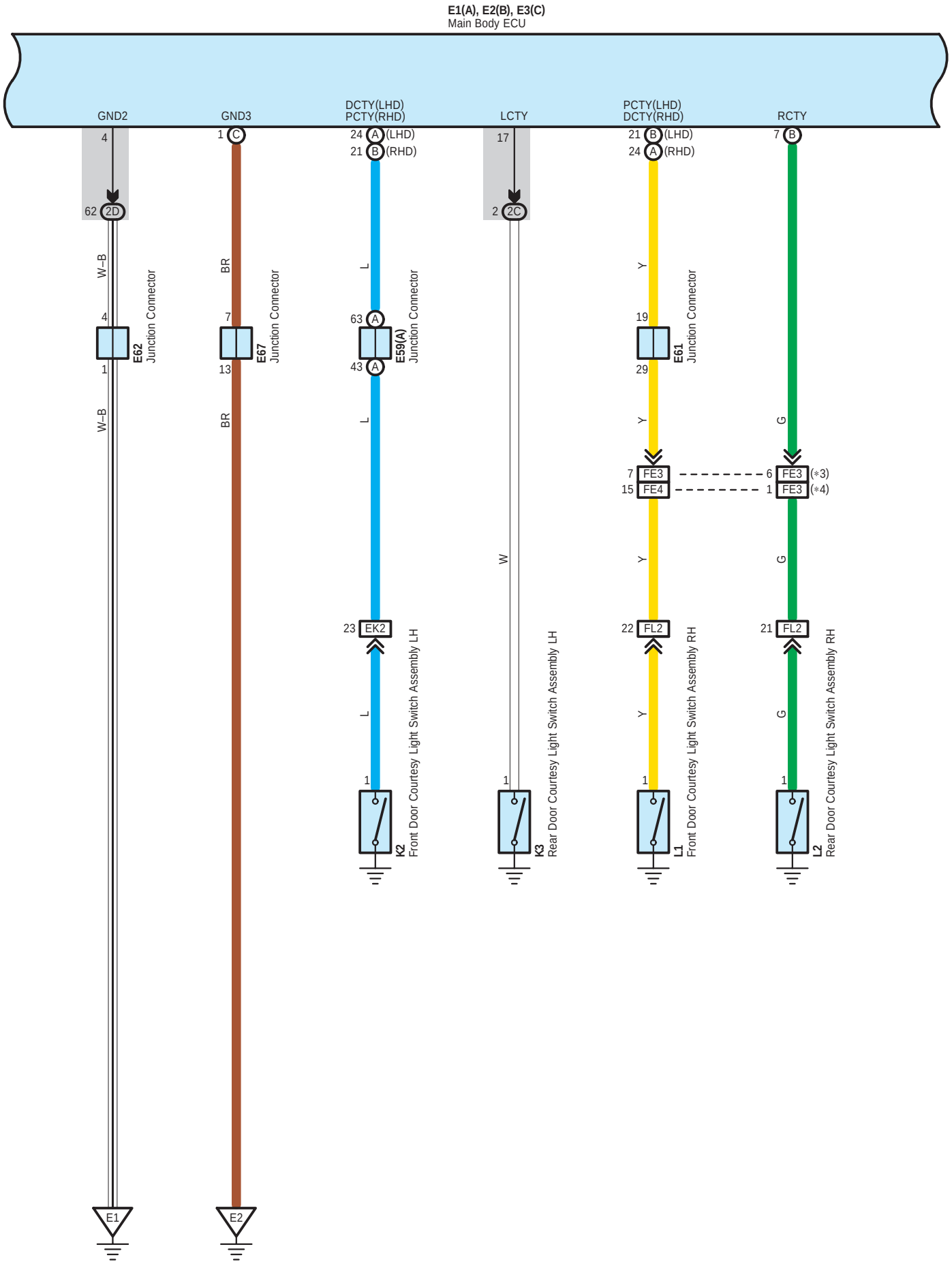
White

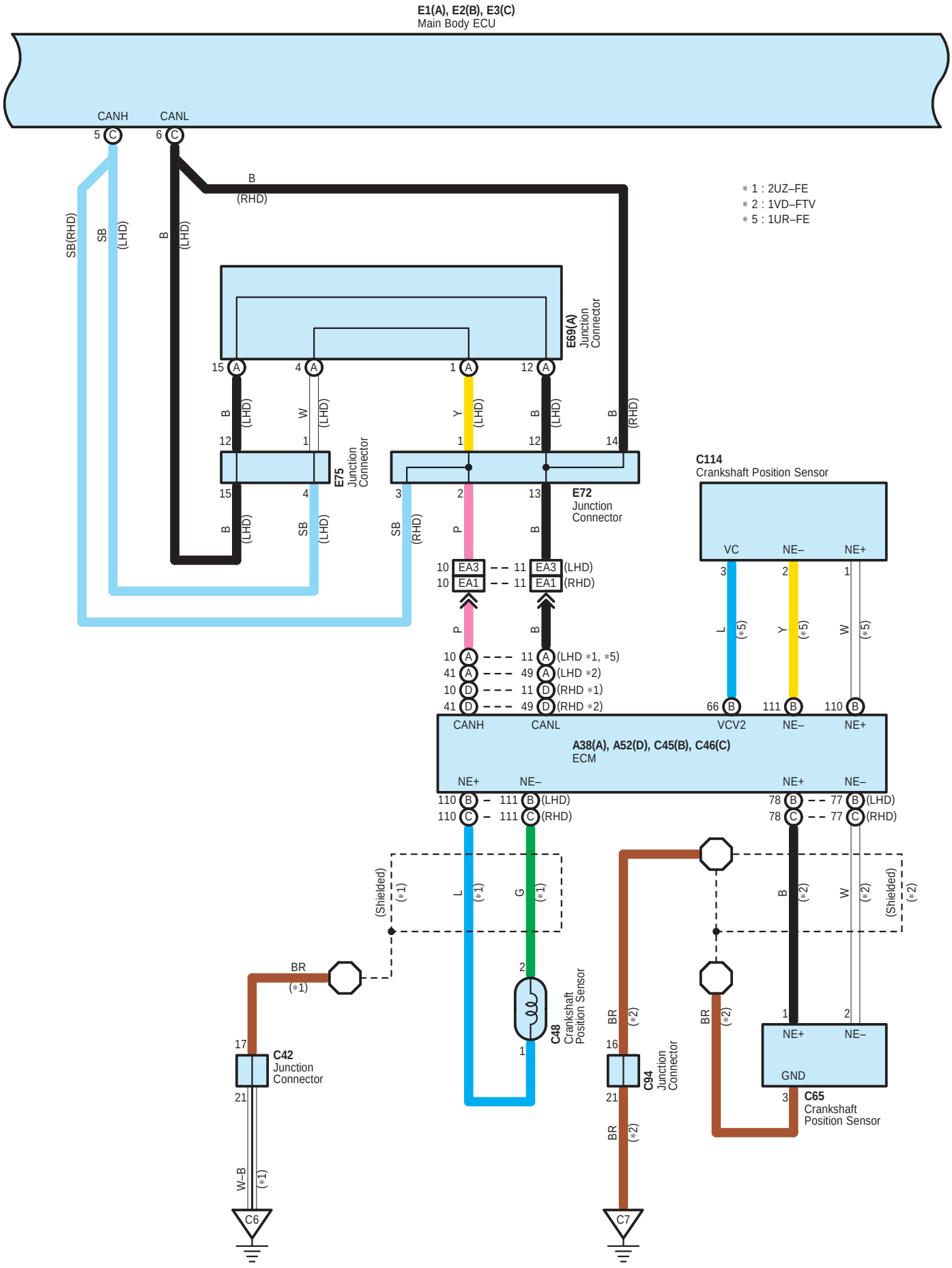
Gray

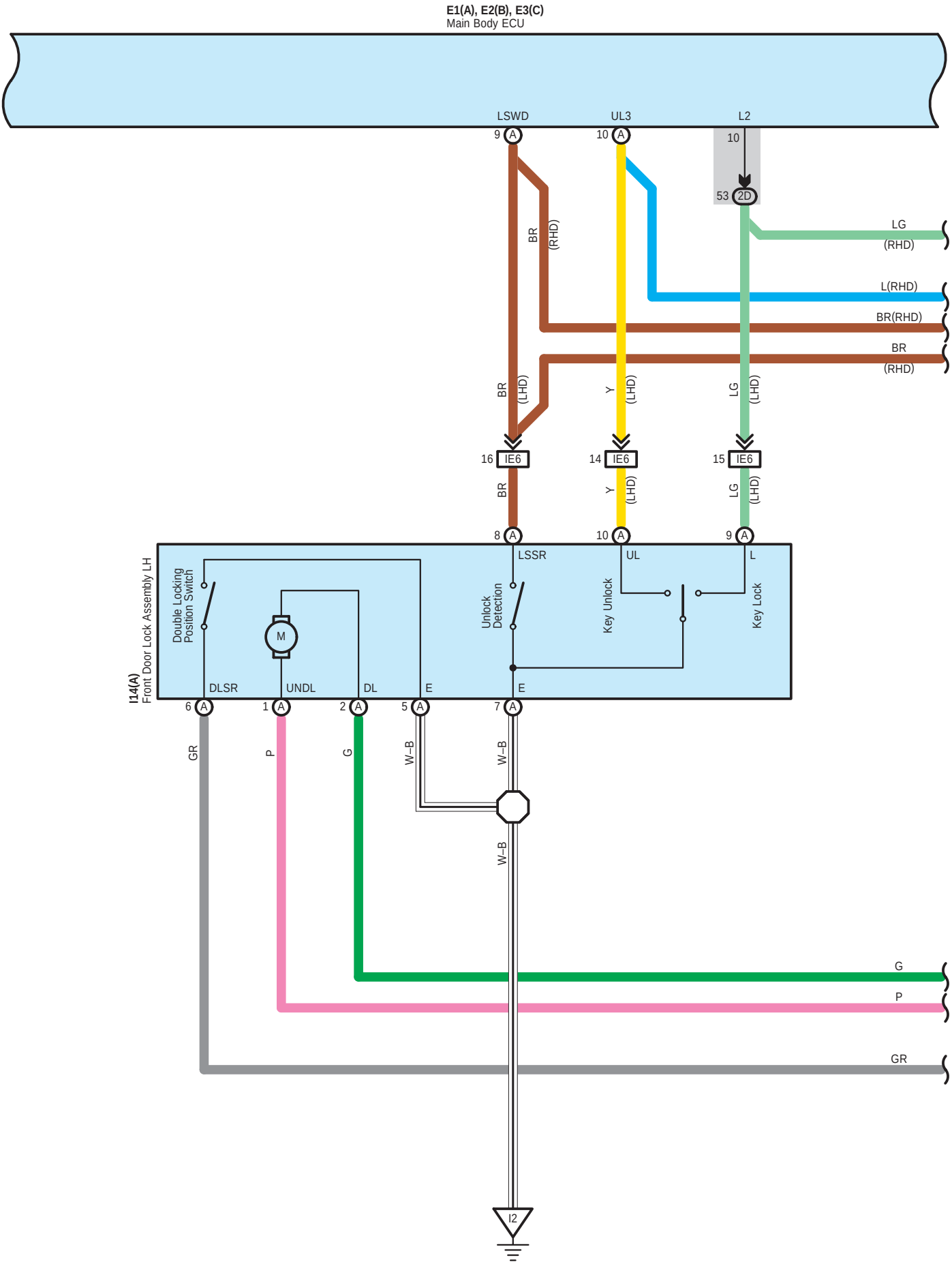


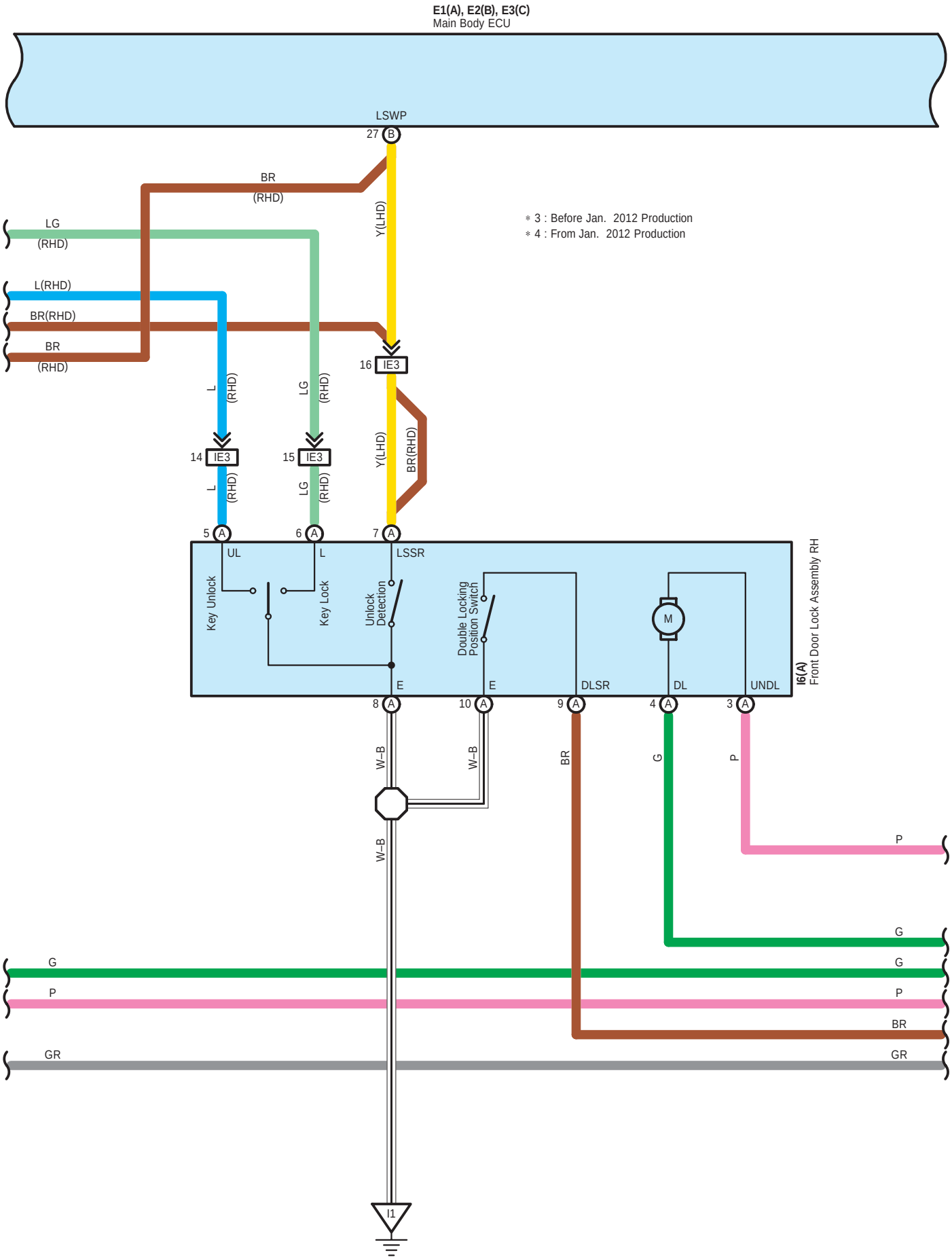


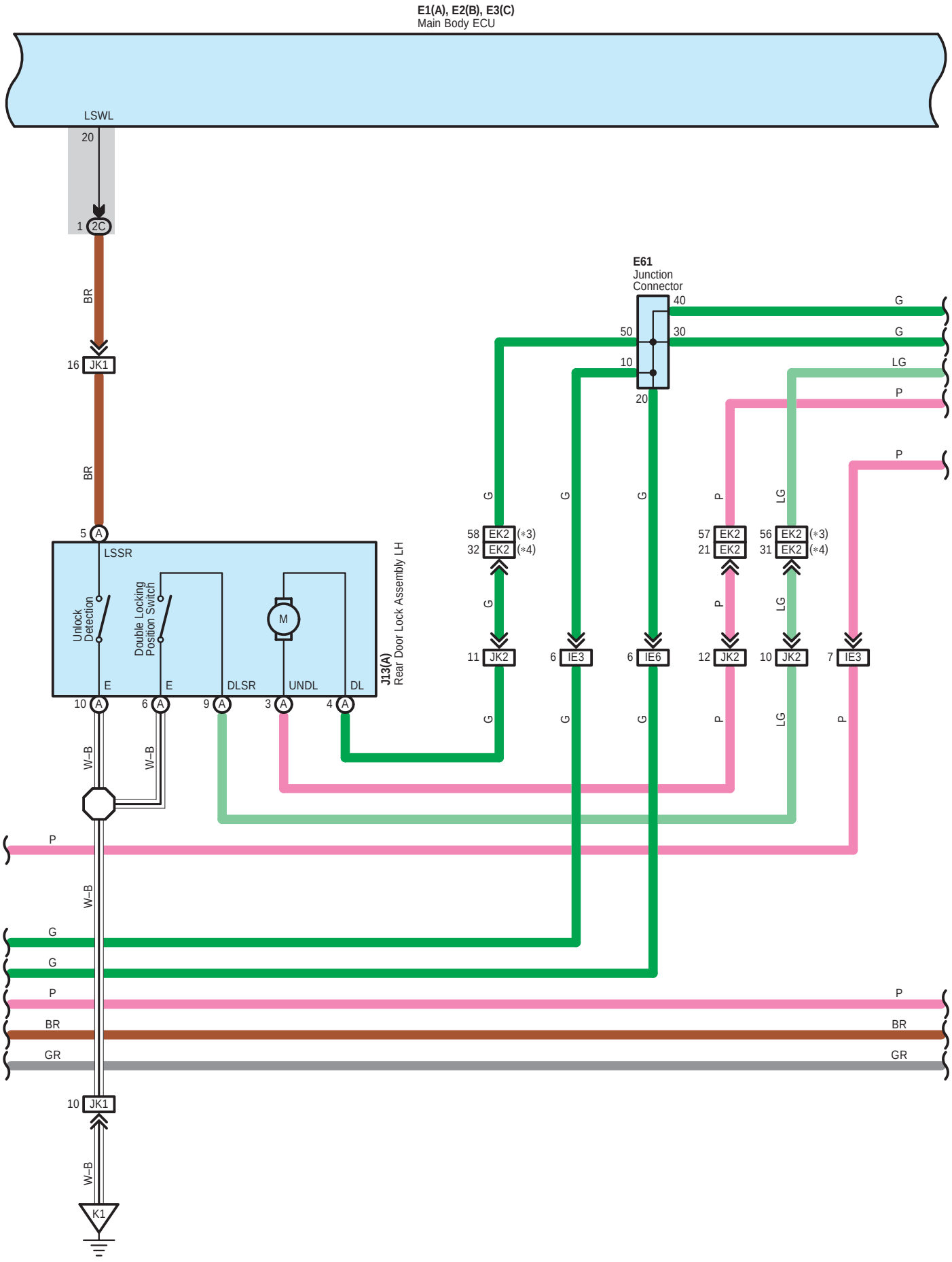
* 3 : Before Jan. 2012 Production
* 4 : From Jan. 2012 Production

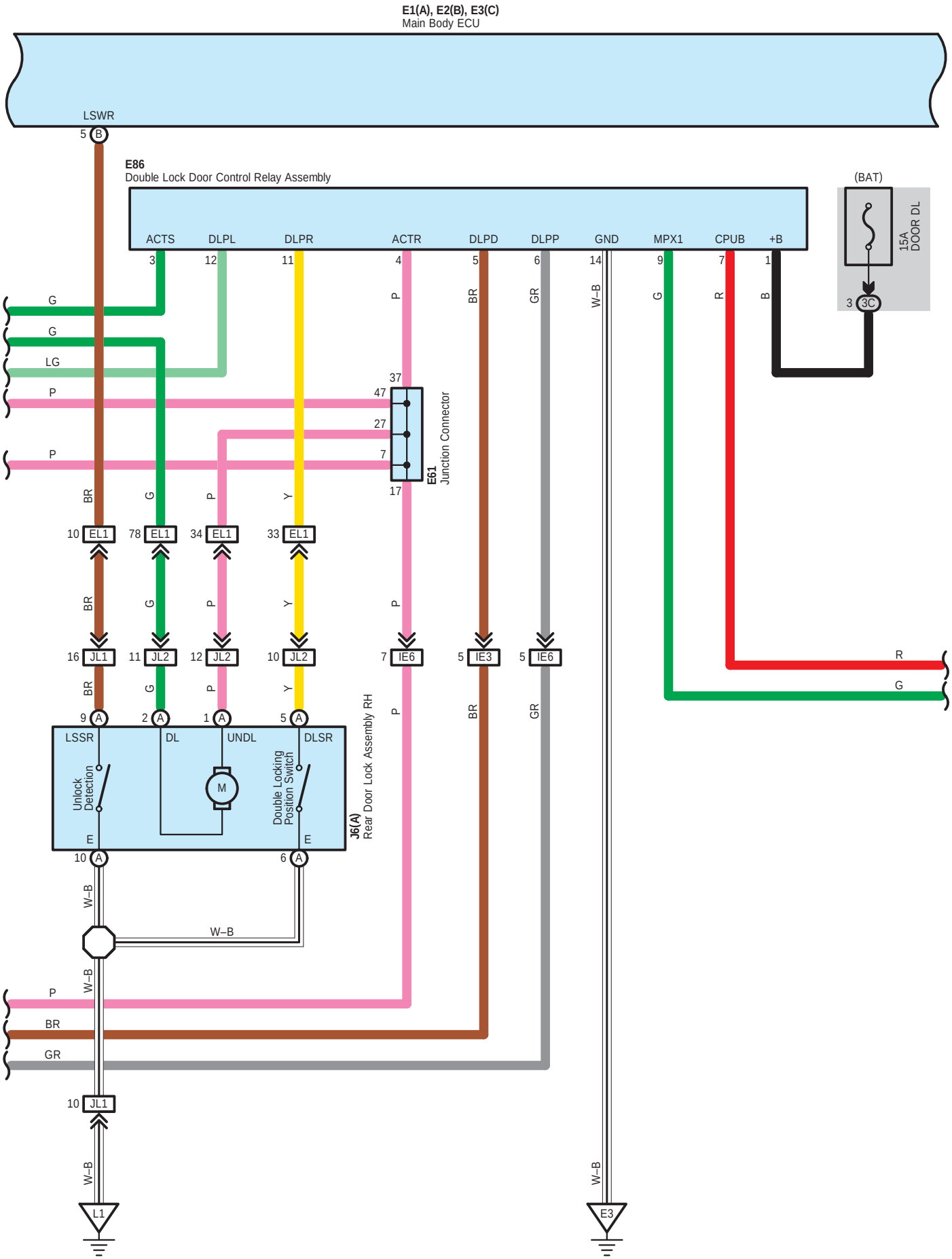

E1(A), E2(B), E3(C)
Main Body ECU
GND2
GND3
DCTY(LHD)
PCTY(RHD)
LCTY
PCTY(LHD)
DCTY(RHD)
RCTY
4
62 2D
1 C
24 A (LHD)
21 B (RHD)
17
2 2C
21 B (LHD)
24 A (RHD)
7 B
W–B
BR
L
Y
G
W
4
1
E62
Junction Connector
7
13
E67
Junction Connector
63 A
43 A
E59(A)
Junction Connector
19
29
E61
Junction Connector
7 FE3
15 FE4
6 FE3 (*3)
1 FE3 (*4)
23 EK2
22 FL2
21 FL2
1
K2
Front Door Courtesy Light Switch Assembly LH
K3
Rear Door Courtesy Light Switch Assembly LH
L1
Front Door Courtesy Light Switch Assembly RH
L2
Rear Door Courtesy Light Switch Assembly RH
E1
E2

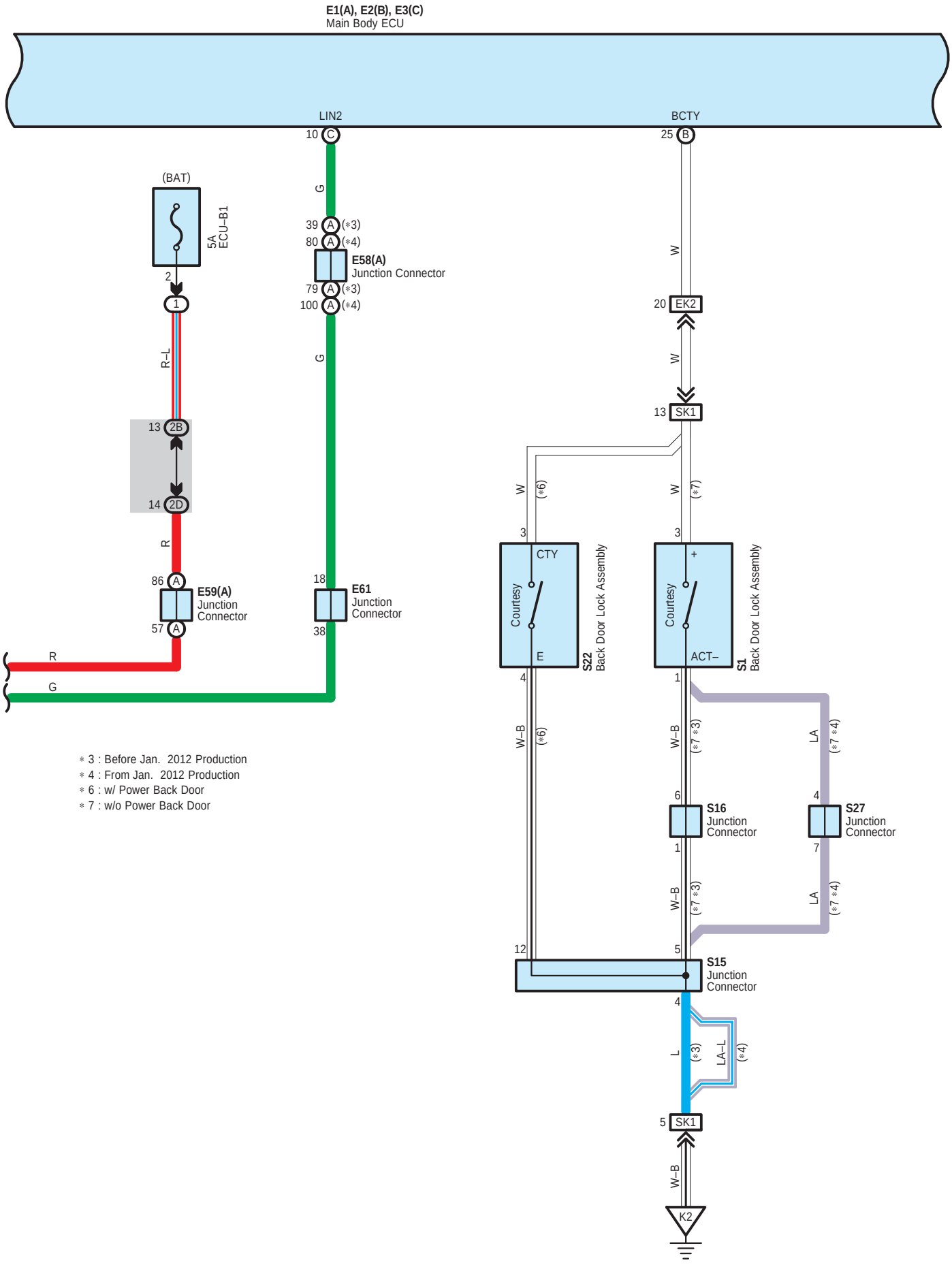

E1(A), E2(B), E3(C)
Main Body ECU
CANH
CANL
SB(RHD)
SB (LHD)
B (LHD)
B (RHD)
∗1 : 2UZ–FE
∗2 : 1VD–FTV
∗5 : 1UR–FE
E69(A) Junction Connector
E75 Junction Connector
E72 Junction Connector
C114 Crankshaft Position Sensor
VC
NE–
NE+
A38(A), A52(D), C45(B), C46(C) ECM
CANH
CANL
VCV2
(LHD)
(RHD)
(LHD ∗1, ∗5)
(LHD ∗2)
(RHD ∗1)
(RHD ∗2)
(Shielded)
BR (∗1)
C42 Junction Connector
C48 Crankshaft Position Sensor
C94 Junction Connector
C65 Crankshaft Position Sensor
GND
W–B (∗1)
C6
C7


E1(A), E2(B), E3(C)
Main Body ECU
LSWD
UL3
L2
9 A
10 A
10
53 2D
BR (RHD)
LG (RHD)
L(RHD)
BR(RHD)
BR (RHD)
BR (LHD)
Y (LHD)
LG (LHD)
16 IE6
14 IE6
15 IE6
BR
Y (LHD)
LG (LHD)
8 A
10 A
9 A
LSSR
UL
L
I14(A)
Front Door Lock Assembly LH
Double Locking Position Switch
M
Unlock Detection
Key Unlock
Key Lock
DLSR
UNDL
DL
E
E
6 A
1 A
2 A
5 A
7 A
GR
P
G
W–B
W–B
W–B
G
P
GR
I2

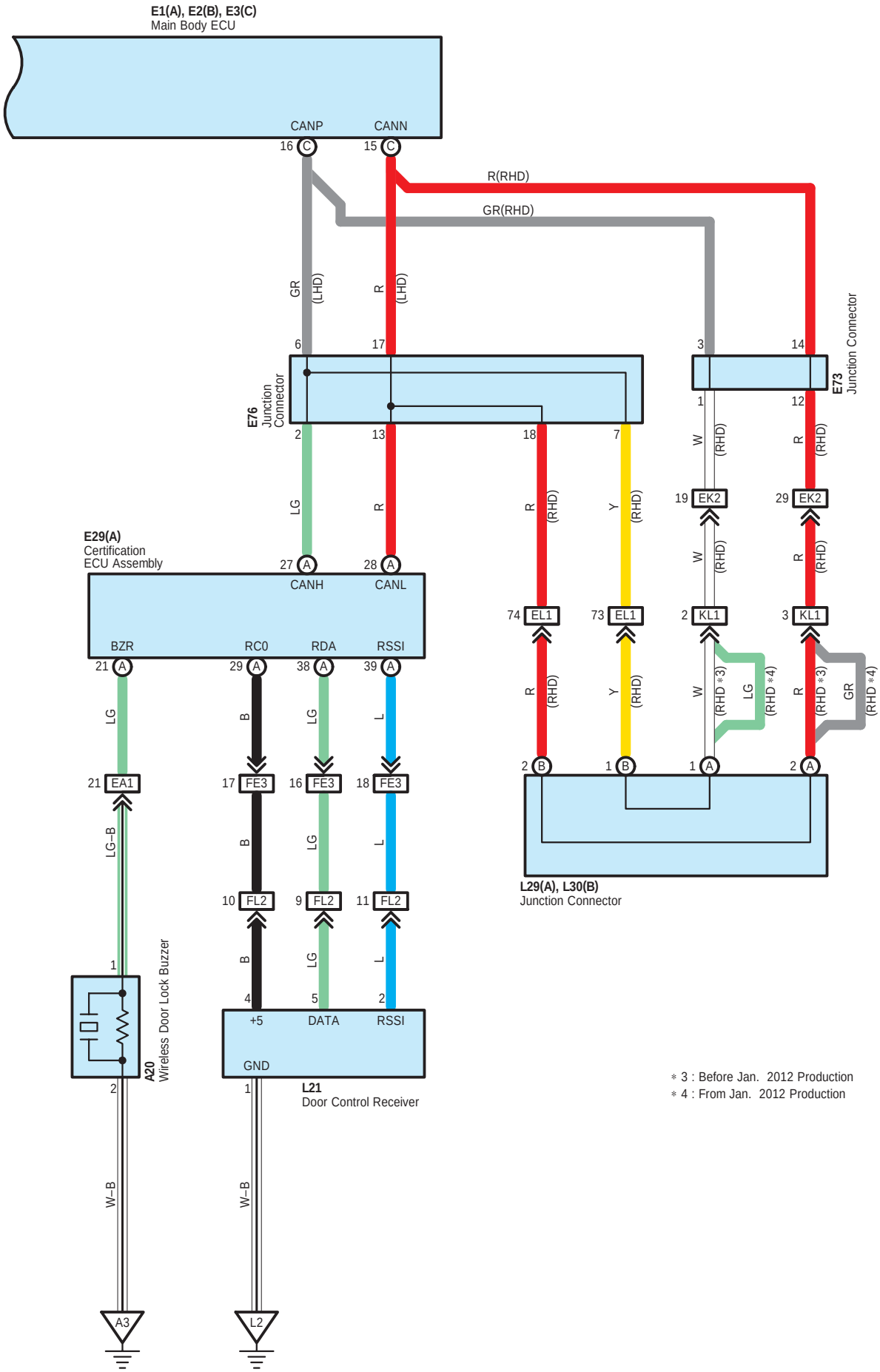

E1(A), E2(B), E3(C)
Main Body ECU
LSWP
27 B
BR
(RHD)
LG
(RHD)
L(RHD)
BR(RHD)
BR
(RHD)
Y(LHD)
16 IE3
L (RHD)
LG (RHD)
14 IE3
15 IE3
Y(LHD)
BR(RHD)
L (RHD)
LG (RHD)
5 A
6 A
7 A
UL
L
LSSR
Key Unlock
Key Lock
Unlock Detection
Double Locking Position Switch
M
E
E
DLSR
DL
UNDL
I6(A)
Front Door Lock Assembly RH
8 A
10 A
9 A
4 A
3 A
W–B
W–B
W–B
BR
G
P
P
G
G
P
BR
GR
GR
I1
∗ 3 : Before Jan. 2012 Production
∗ 4 : From Jan. 2012 Production


E1(A), E2(B), E3(C)
Main Body ECU
LSWL
20
1 2C
BR
16 JK1
BR
5 A
LSSR
Unlock Detection
Double Locking Position Switch
M
E
E
DLSR
UNDL
DL
10 A
6 A
9 A
3 A
4 A
J113(A)
Rear Door Lock Assembly LH
W–B
W–B
W–B
W–B
K1
E61
Junction Connector
40
50
30
10
20
G
G
LG
P
P
58 EK2 (*3)
32 EK2 (*4)
57 EK2
21 EK2
56 EK2 (*3)
31 EK2 (*4)
11 JK2
6 IE3
6 IE6
12 JK2
10 JK2
7 IE3
G
G
G
P
LG
P
P
G
G
P
BR
GR
P
BR
GR
10 JK1

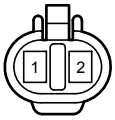

E1(A), E2(B), E3(C)
Main Body ECU
LSWR
5 B
E86
Double Lock Door Control Relay Assembly
(BAT)
15A DOOR DL
3 3C
ACTS
DLPL
DLPR
ACTR
DLPD
DLPP
GND
MPX1
CPUB
+B
3
12
11
4
5
6
14
9
7
1
G
G
LG
P
P
BR
G
P
Y
P
BR
GR
W–B
G
R
B
37
47
27
7
17
E61
Junction Connector
10 EL1
78 EL1
34 EL1
33 EL1
16 JL1
11 JL2
12 JL2
10 JL2
7 IE6
5 IE3
5 IE6
R
G
9 A
2 A
1 A
5 A
LSSR
DL
UNDL
DLSR
Unlock Detection
M
Double Locking Position Switch
E
E
10 A
6 A
J6(A)
Rear Door Lock Assembly RH
W–B
W–B
P
BR
GR
10 JL1
W–B
L1
W–B
E3



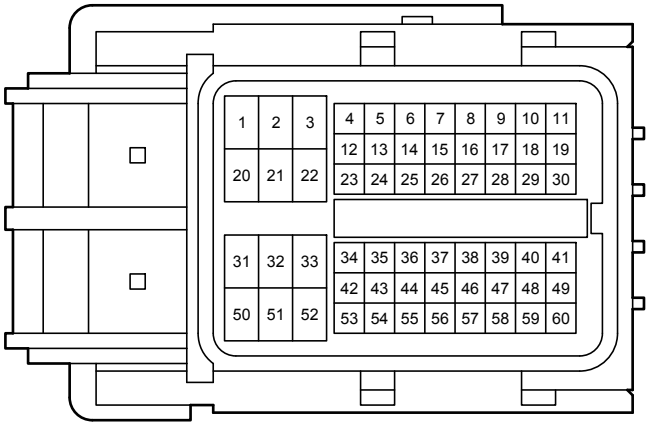
* 3 : Before Jan. 2012 Production
* 4 : From Jan. 2012 Production
* 6 : w/ Power Back Door
* 7 : w/o Power Back Door


E1(A), E2(B), E3(C)
Main Body ECU
CANP
CANN
16 C
15 C
R(RHD)
GR(RHD)
GR (LHD)
R (LHD)
6
17
3
14
E76
Junction Connector
E73
Junction Connector
2
13
18
7
1
12
LG
R
R (RHD)
Y (RHD)
W (RHD)
R (RHD)
19 EK2
29 EK2
W (RHD)
R (RHD)
E29(A)
Certification
ECU Assembly
27 A
28 A
CANH
CANL
74 EL1
73 EL1
2 KL1
3 KL1
BZR
RC0
RDA
RSSI
21 A
29 A
38 A
39 A
R (RHD)
Y (RHD)
W (RHD *3)
LG (RHD *4)
R (RHD *3)
GR (RHD *4)
LG
B
LG
L
2 B
1 B
1 A
2 A
21 EA1
17 FE3
16 FE3
18 FE3
L29(A), L30(B)
Junction Connector
LG–B
B
LG
L
10 FL2
9 FL2
11 FL2
1
4
5
2
A20
Wireless Door Lock Buzzer
+5
DATA
RSSI
GND
2
1
L21
Door Control Receiver
W–B
W–B
A3
L2
* 3 : Before Jan. 2012 Production
* 4 : From Jan. 2012 Production

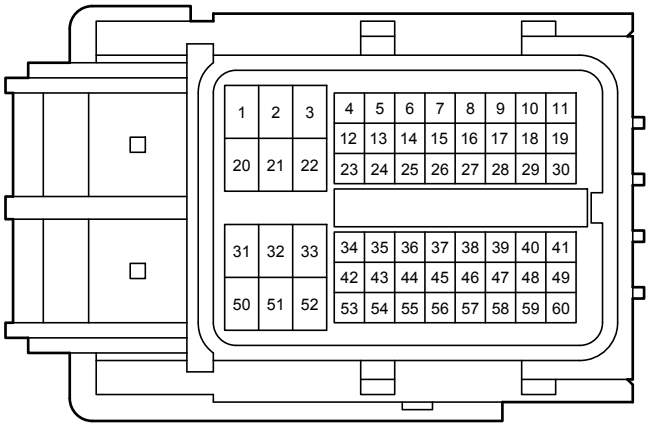
A 20
Black



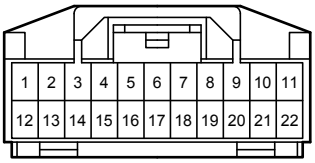
A 38
Black



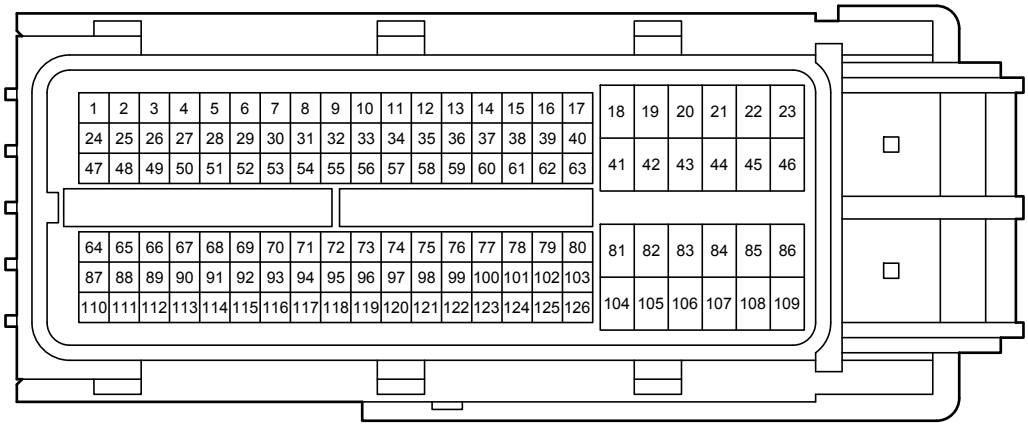
A 52
Black



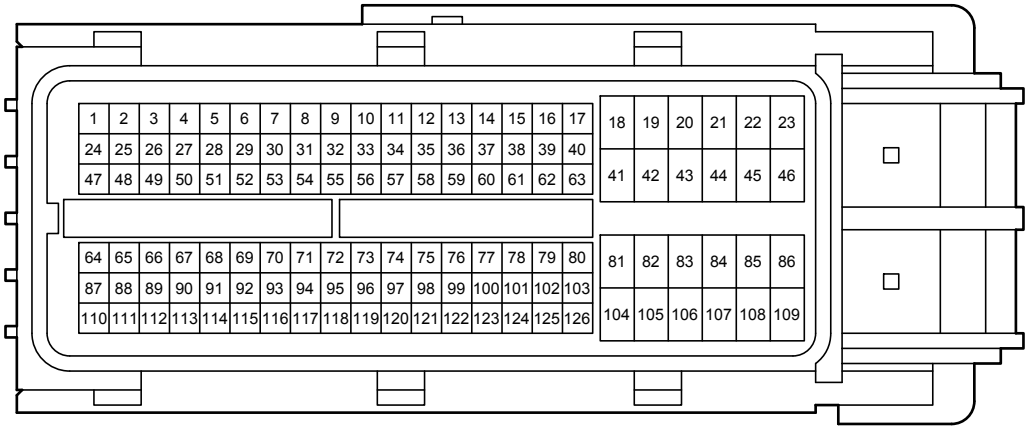
C 42
White



C 45
Black



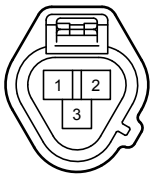
C 46
Black



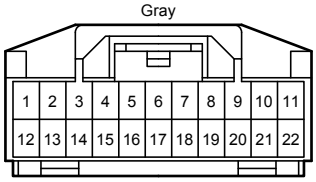
C 48
Dark Gray



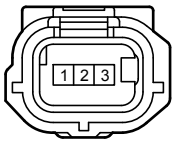
C 65
Black



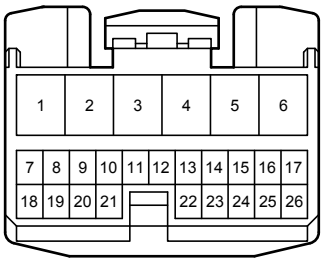
C 94
Gray



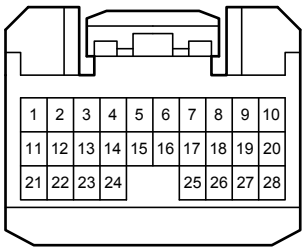
C114
Black



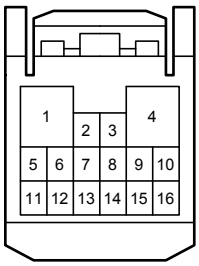
E 1
White



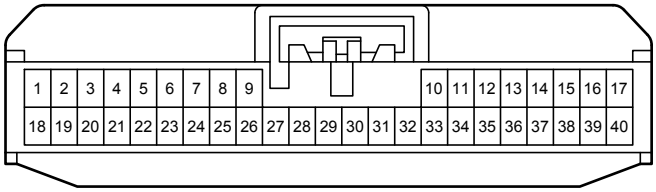
E 2
White



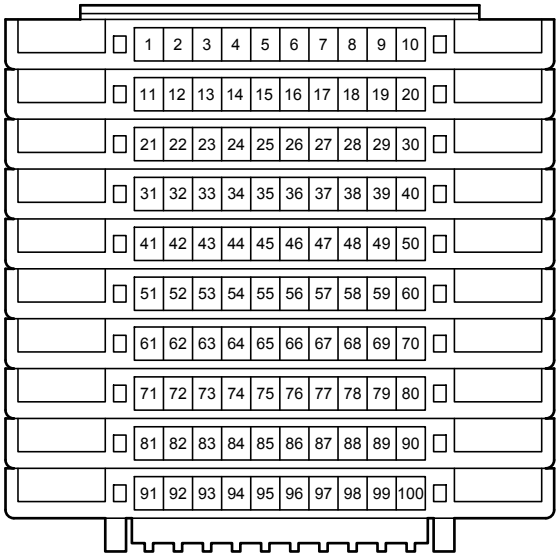
E 3
White



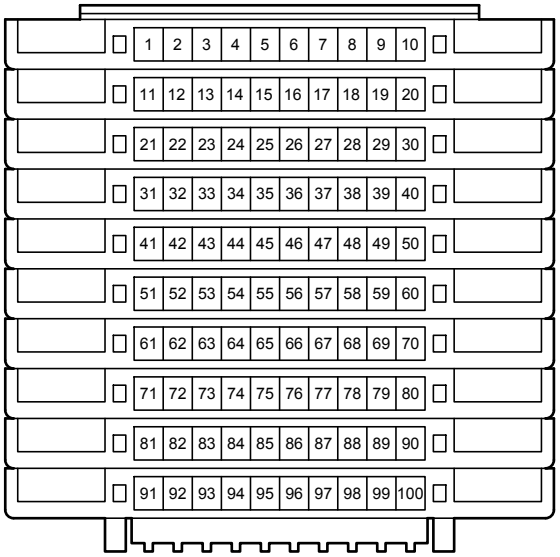
E 29
White



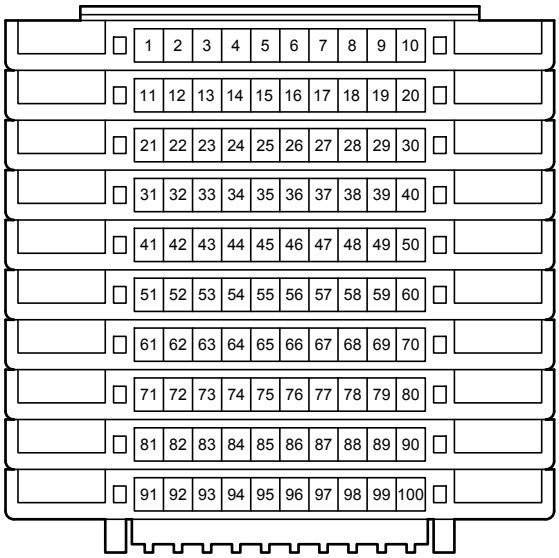
E 58



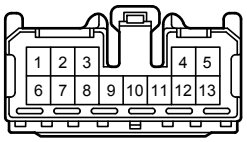
E 59



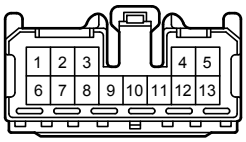
E 61



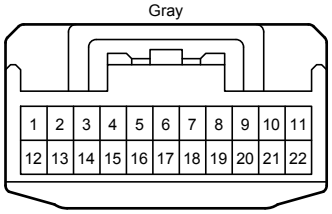
E 62
White



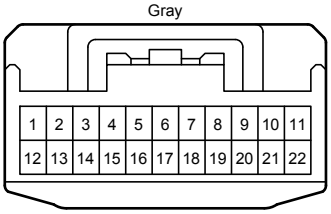
E 67
White



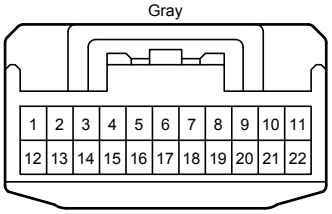
E 69
Gray



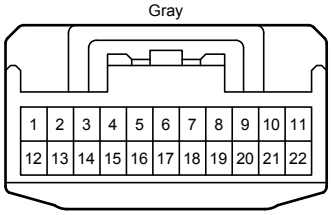
E 72
Gray



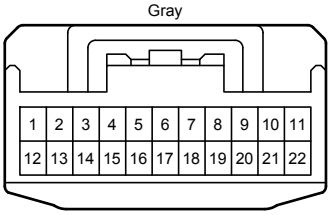
E 73
Gray



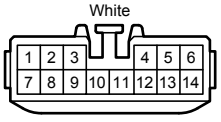
E 75
Gray



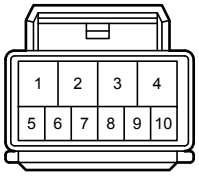
E 76
Gray



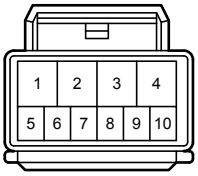
E 86
White



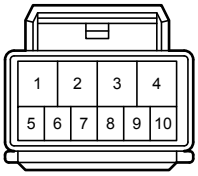
I 6
White



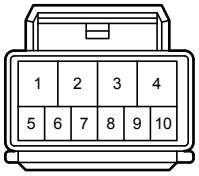
I 14
White



J 6
White



J 13
White



K 2
White



K 3
White



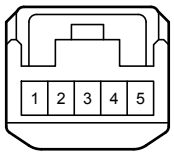
L 1
White



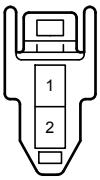
L 2
White



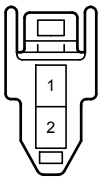
L 21
White



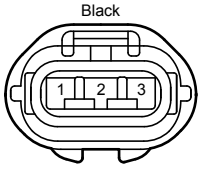
L 29
White



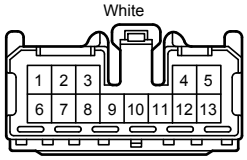
L 30
White



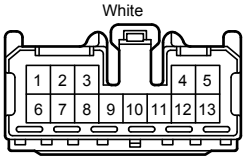
S 1
Black



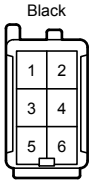
S 15
White



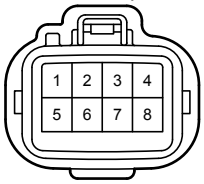
S 16
White



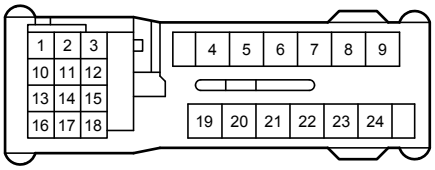
S 22
Black



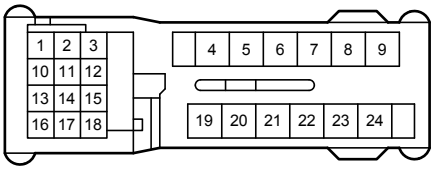
S 27
Dark Gray



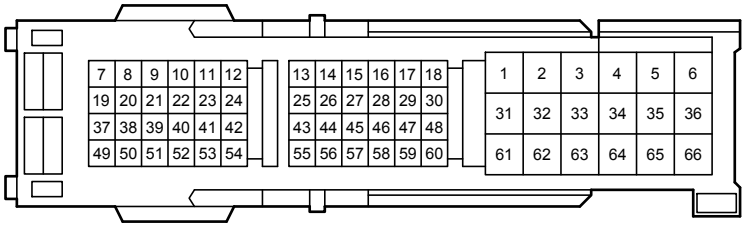
2B
White



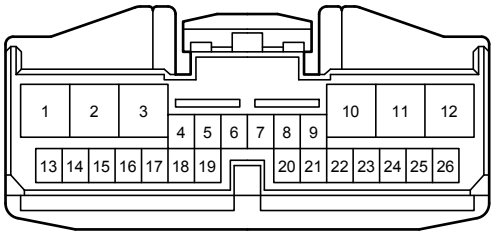
2C
White



2D
White

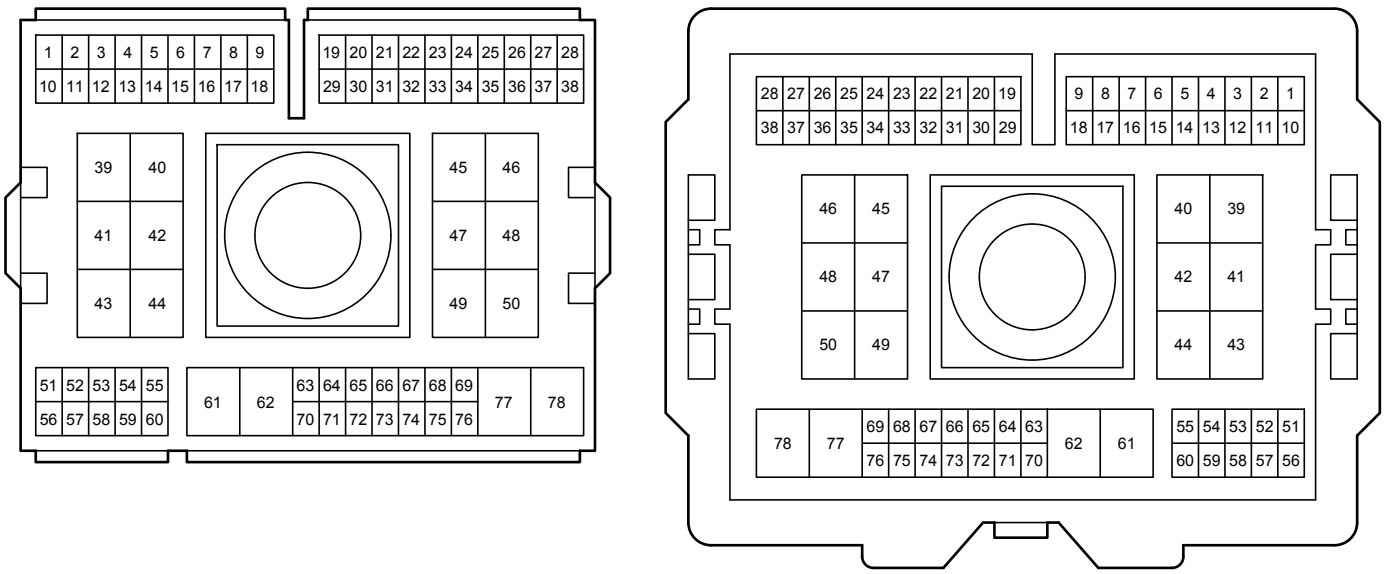


3C
White



EA1

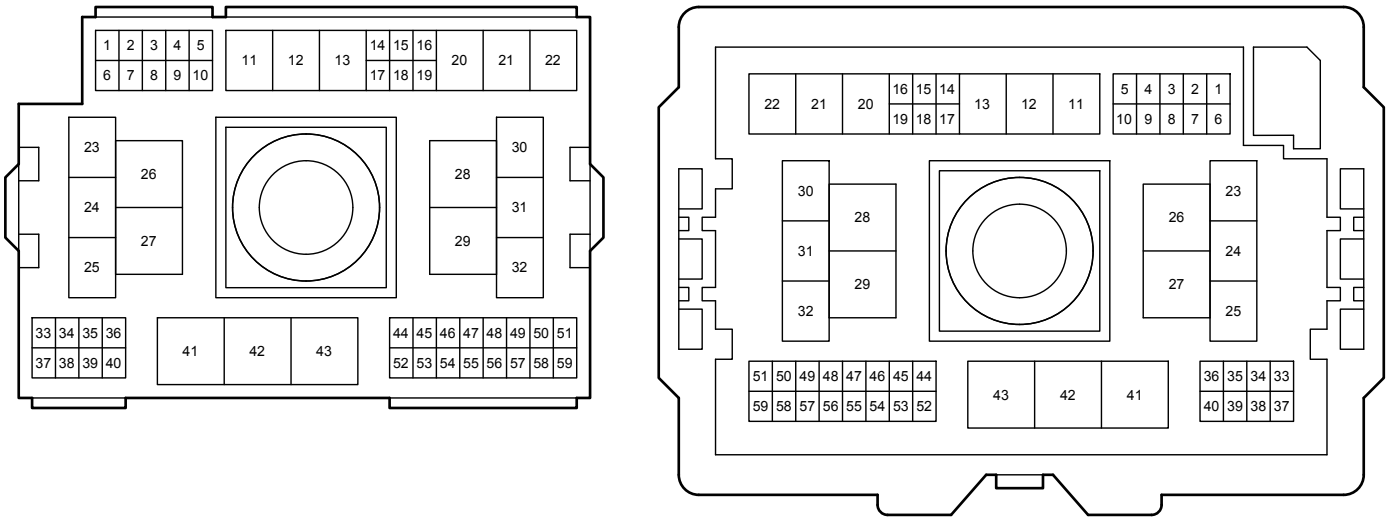
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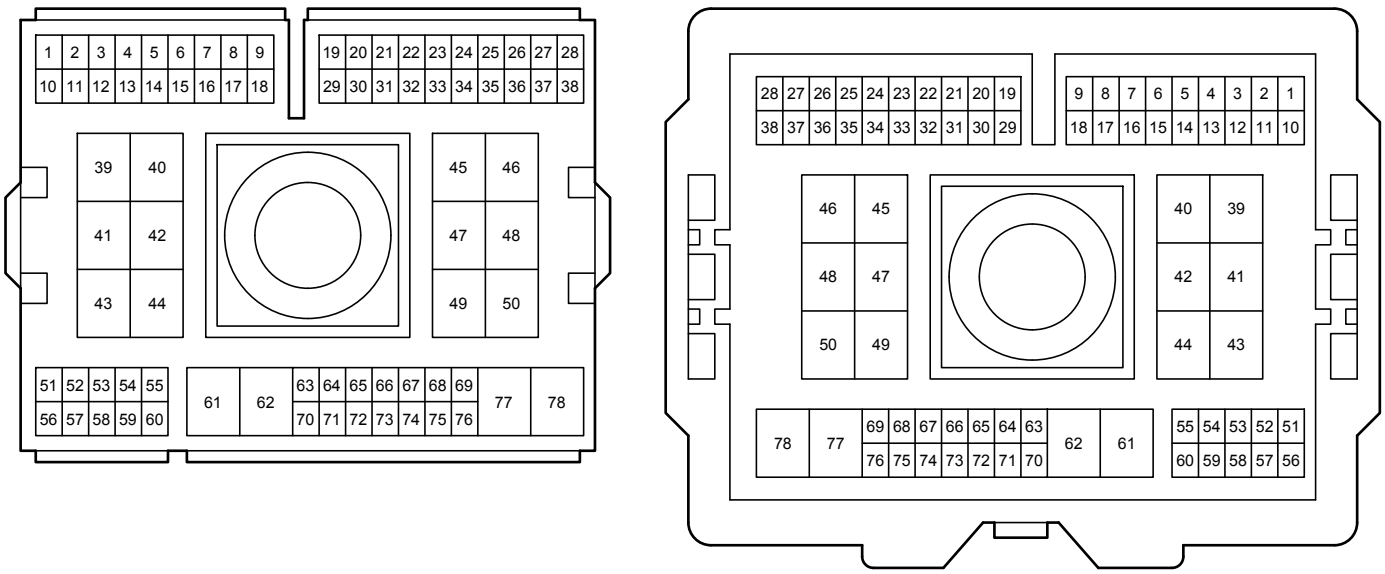
EA2

White

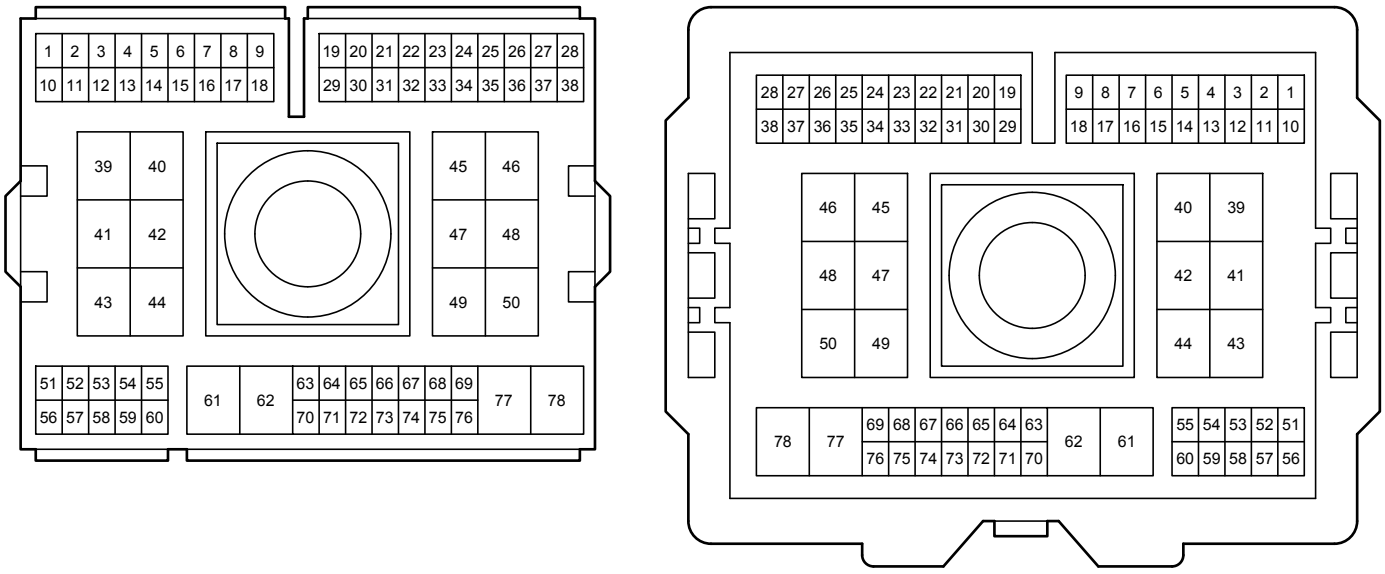
Gray



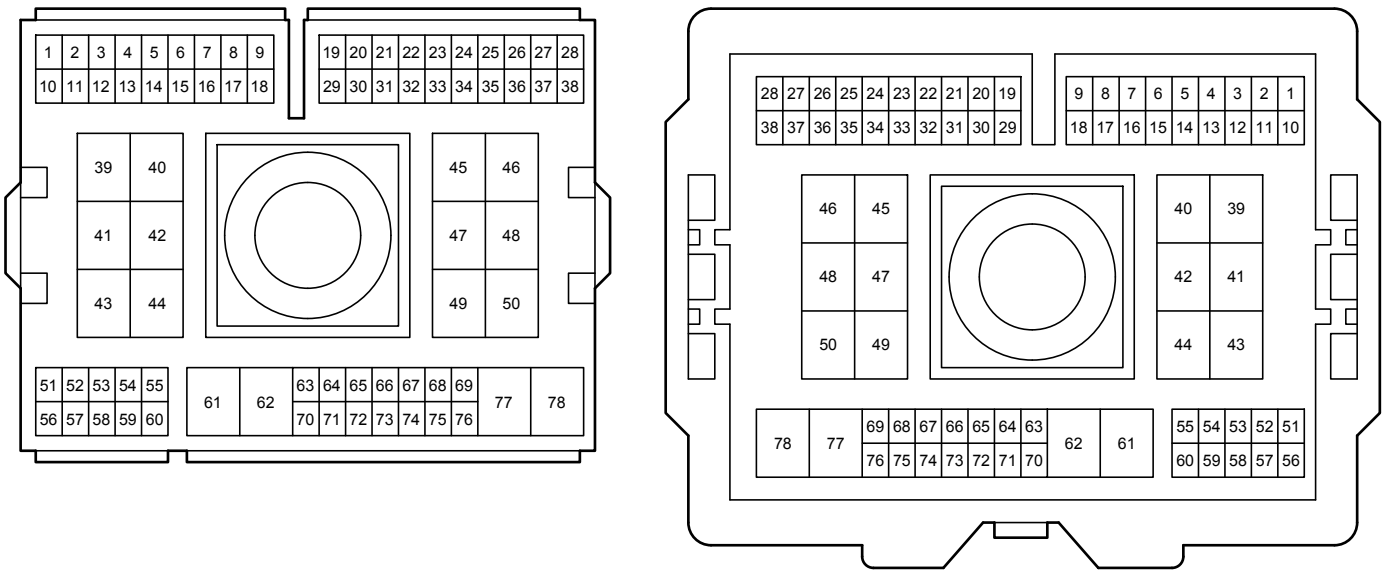
EA3
White



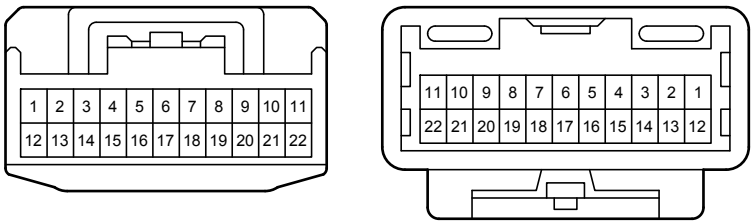
EK2
White



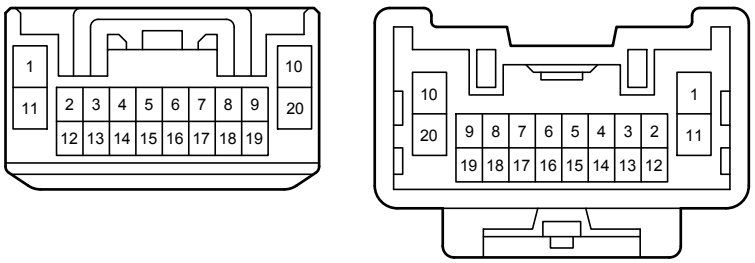
EL1
White



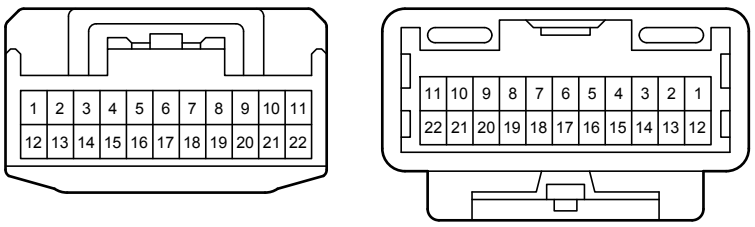
FE3
White



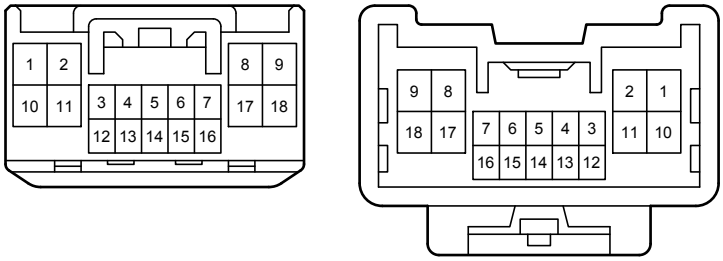
FE4
White



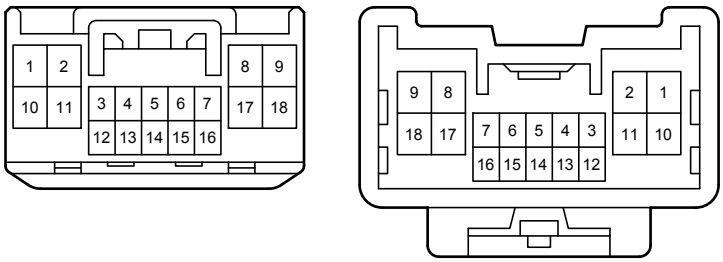
FL2
Blue



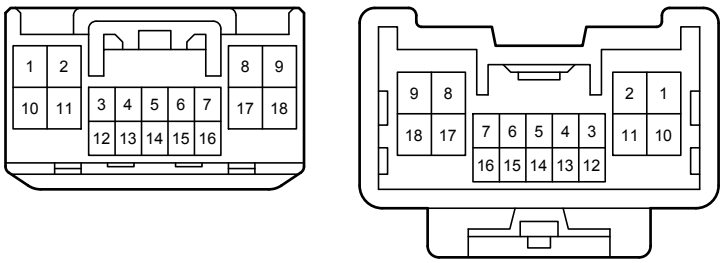
IE3
White



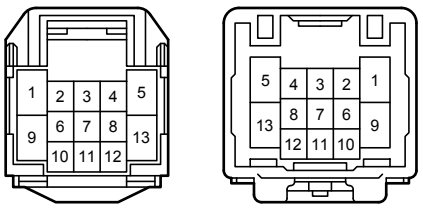
IE6
White



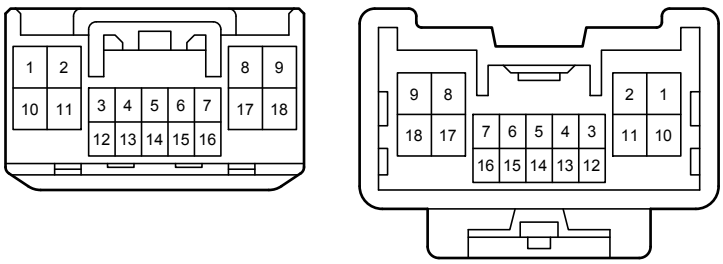
JK1
White



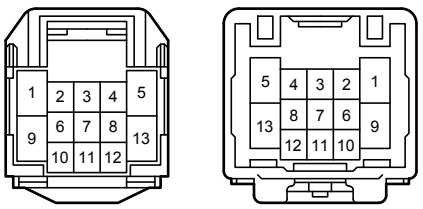
JK2
White

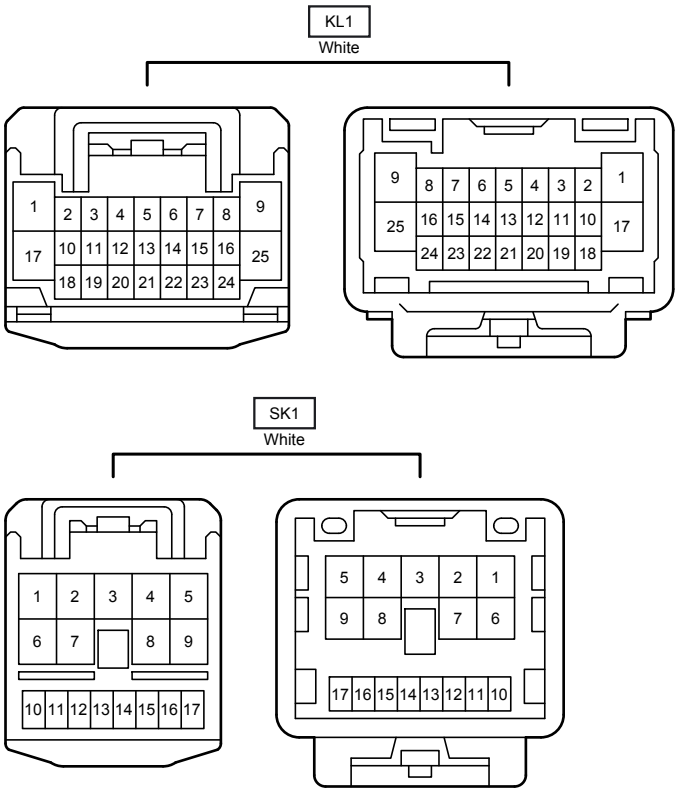


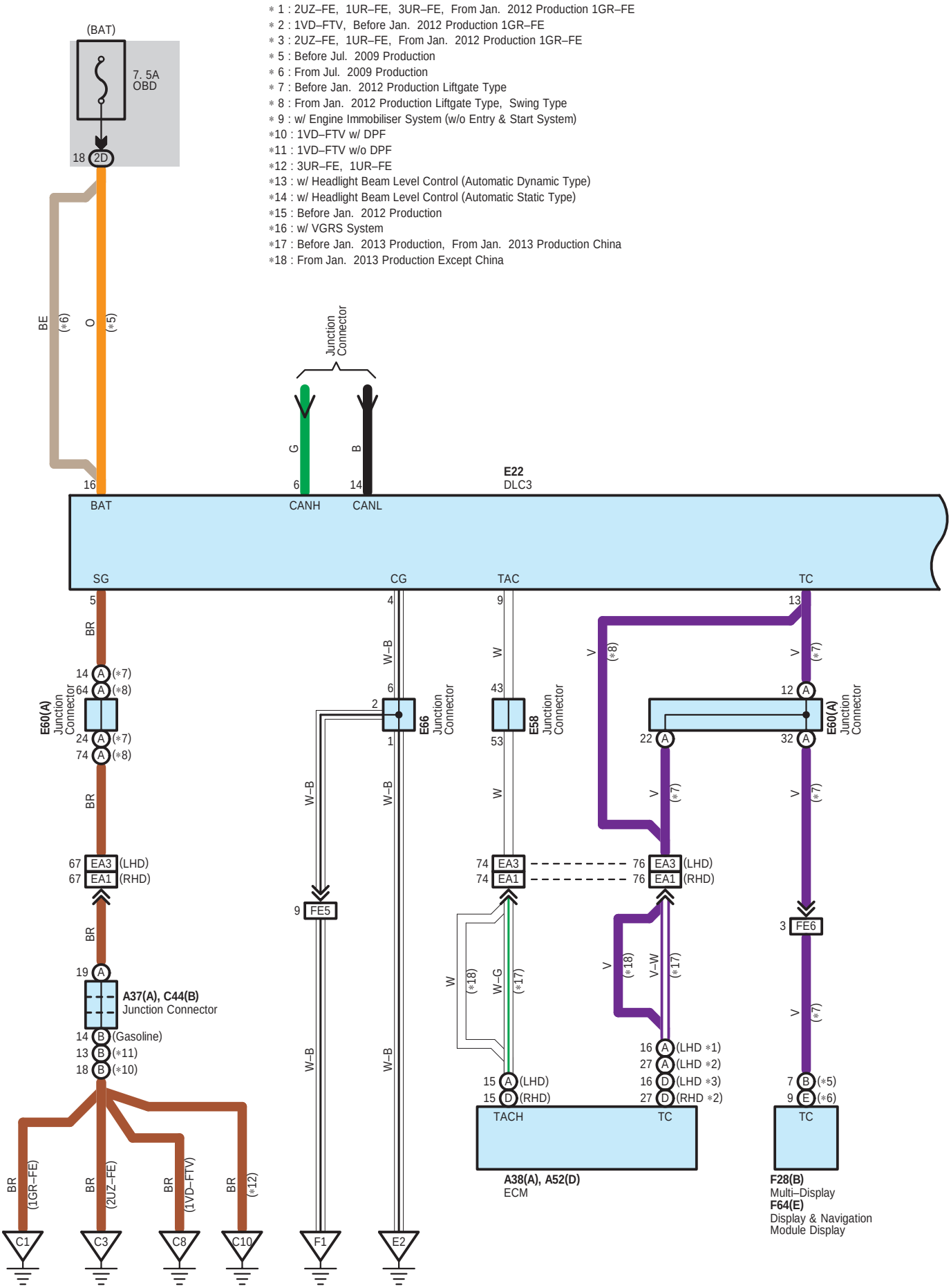
JL1
White

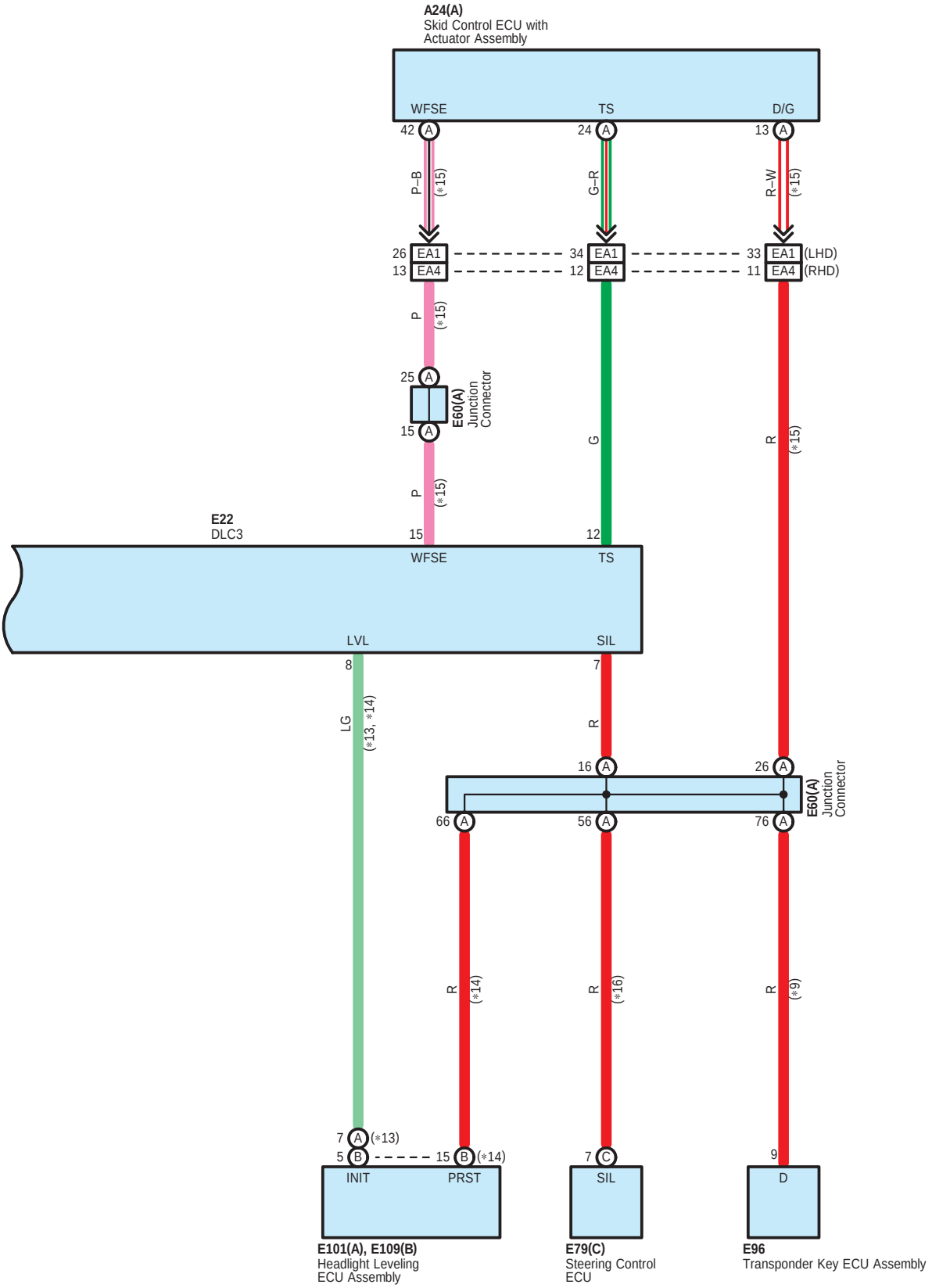


JL2
White

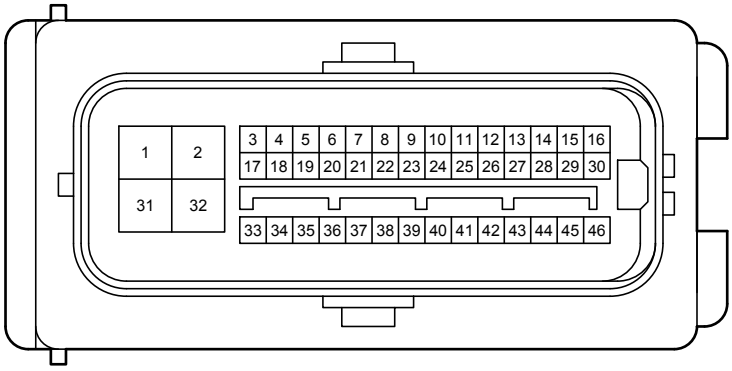



KL1
White
1 2 3 4 5 6 7 8 9
17 10 11 12 13 14 15 16 25
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18
SK1
White
1 2 3 4 5
6 7 8 9
10 11 12 13 14 15 16 17
5 4 3 2 1
9 8 7 6
17 16 15 14 13 12 11 10

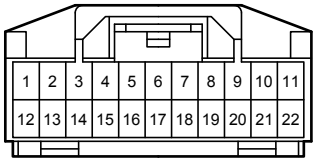

∗1 : 2UZ–FE, 1UR–FE, 3UR–FE, From Jan. 2012 Production 1GR–FE
∗2 : 1VD–FTV, Before Jan. 2012 Production 1GR–FE
∗3 : 2UZ–FE, 1UR–FE, From Jan. 2012 Production 1GR–FE
∗5 : Before Jul. 2009 Production
∗6 : From Jul. 2009 Production
∗7 : Before Jan. 2012 Production Liftgate Type
∗8 : From Jan. 2012 Production Liftgate Type, Swing Type
∗9 : w/ Engine Immobiliser System (w/o Entry & Start System)
∗10 : 1VD–FTV w/ DPF
∗11 : 1VD–FTV w/o DPF
∗12 : 3UR–FE, 1UR–FE
∗13 : w/ Headlight Beam Level Control (Automatic Dynamic Type)
∗14 : w/ Headlight Beam Level Control (Automatic Static Type)
∗15 : Before Jan. 2012 Production
∗16 : w/ VGRS System
∗17 : Before Jan. 2013 Production, From Jan. 2013 Production China
∗18 : From Jan. 2013 Production Except China
(BAT)
7. 5A
OBD
18 2D
BE (∗6)
O (∗5)
16
BAT
Junction Connector
G
B
6
CANH
14
CANL
E22
DLC3
SG
CG
TAC
TC
5
BR
14 A (∗7)
64 A (∗8)
E60(A) Junction Connector
24 A (∗7)
74 A (∗8)
67 EA3 (LHD)
67 EA1 (RHD)
19 A
A37(A), C44(B)
Junction Connector
14 B (Gasoline)
13 B (∗11)
18 B (∗10)
BR (1GR–FE)
BR (2UZ–FE)
BR (1VD–FTV)
BR (∗12)
C1
C3
C8
C10
4
W–B
6
2
E66 Junction Connector
1
W–B
9 FE5
W–B
F1
W–B
E2
9
W
43
E58 Junction Connector
53
W
74 EA3
74 EA1
15 A (LHD)
15 D (RHD)
W (∗18)
W–G (∗17)
TACH
A38(A), A52(D)
ECM
13
V (∗8)
V (∗7)
12 A
E60(A) Junction Connector
22 A
32 A
V (∗7)
V (∗7)
76 EA3 (LHD)
76 EA1 (RHD)
V (∗18)
V–W (∗17)
16 A (LHD ∗1)
27 A (LHD ∗2)
16 D (LHD ∗3)
27 D (RHD ∗2)
TC
3 FE6
V (∗7)
7 B (∗5)
9 E (∗6)
TC
F28(B)
Multi–Display
F64(E)
Display & Navigation Module Display


A24(A)
Skid Control ECU with
Actuator Assembly
WFSE
TS
D/G
42
24
13
P–B
(*15)
G–R
R–W
26
EA1
13
EA4
34
12
33
11
(LHD)
(RHD)
P
25
15
E60(A)
Junction
Connector
G
R
E22
DLC3
LVL
SIL
8
7
LG
(*13, *14)
16
26
66
56
76
(*14)
(*16)
(*9)
7
5
(*13)
15
(*14)
INIT
PRST
SIL
D
E101(A), E109(B)
Headlight Leveling
ECU Assembly
E79(C)
Steering Control
ECU
E96
Transponder Key ECU Assembly

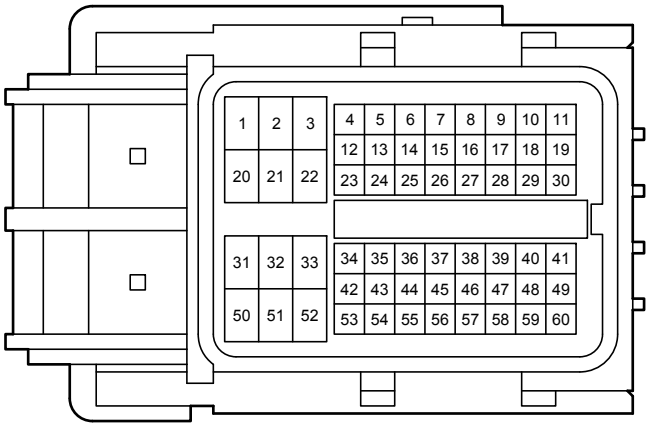
A 24
Black



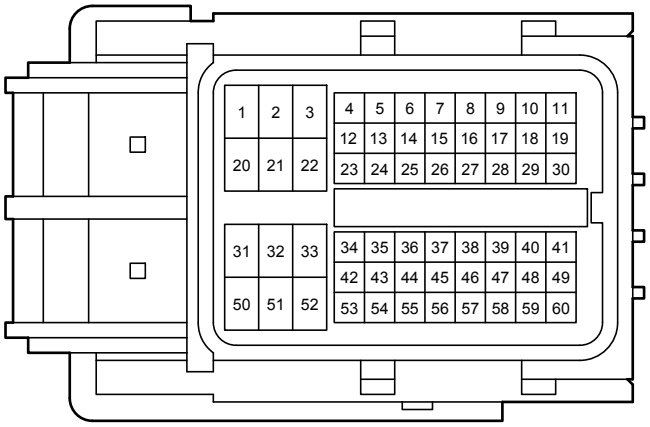
A 37
Blue



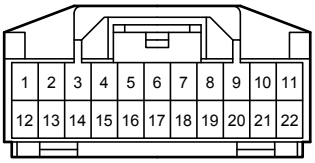
A 38
Black



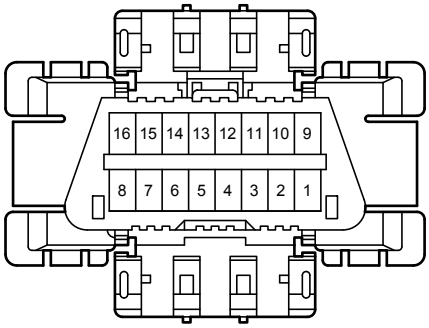
A 52
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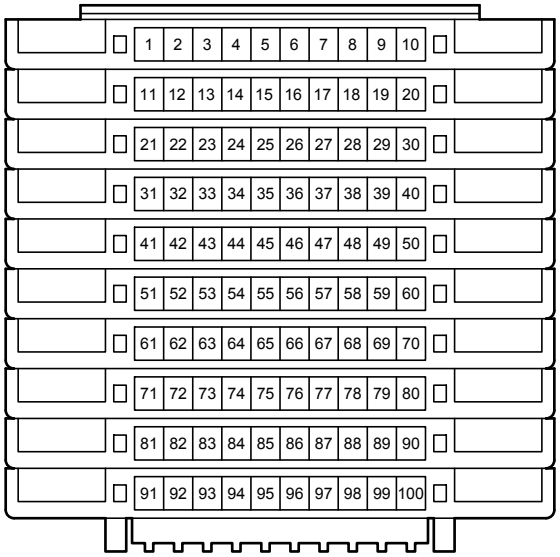
C 44
Blue



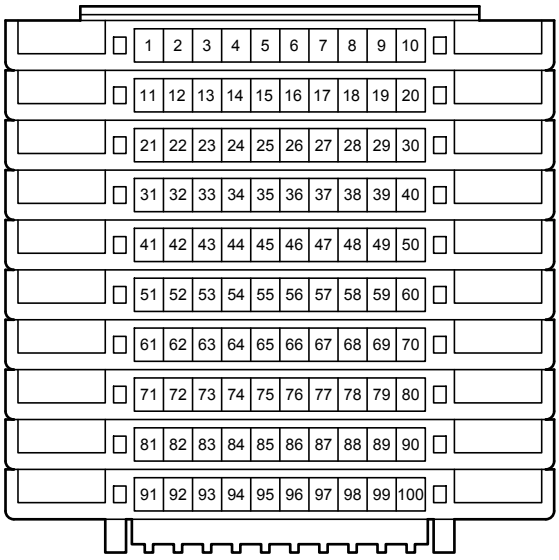
E 22
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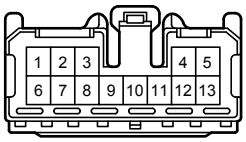
E 58



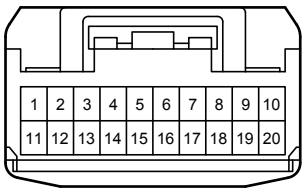
E 60



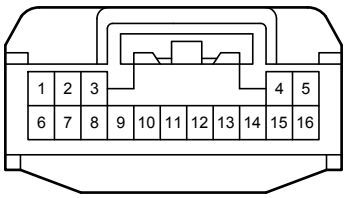
E 66
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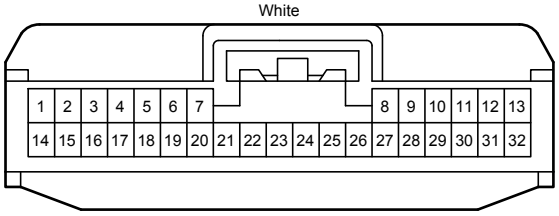
E 79
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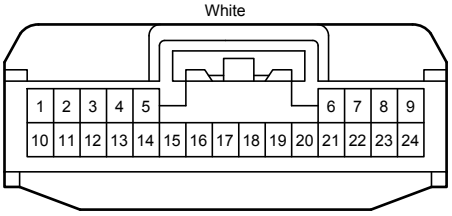
E 96
Black



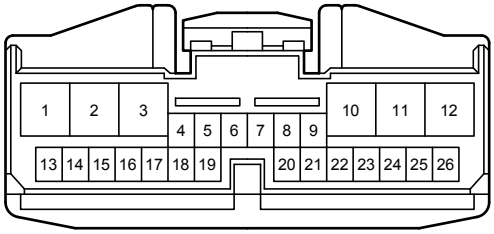
E101
White



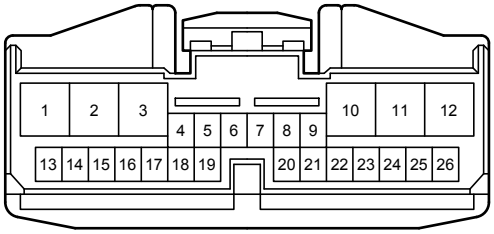
E109
White



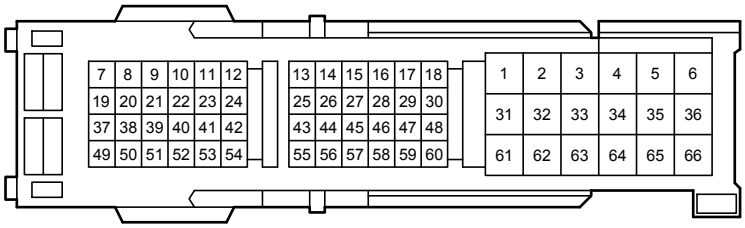
F 28
White



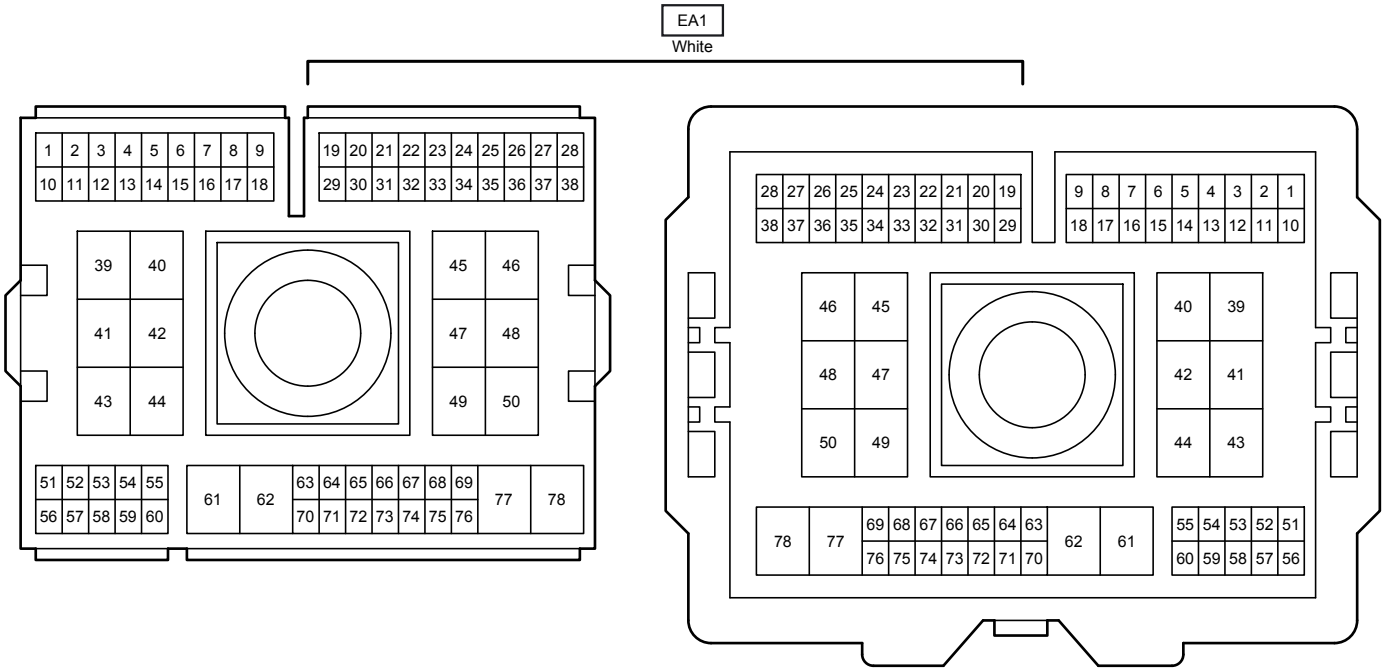
F 64
White



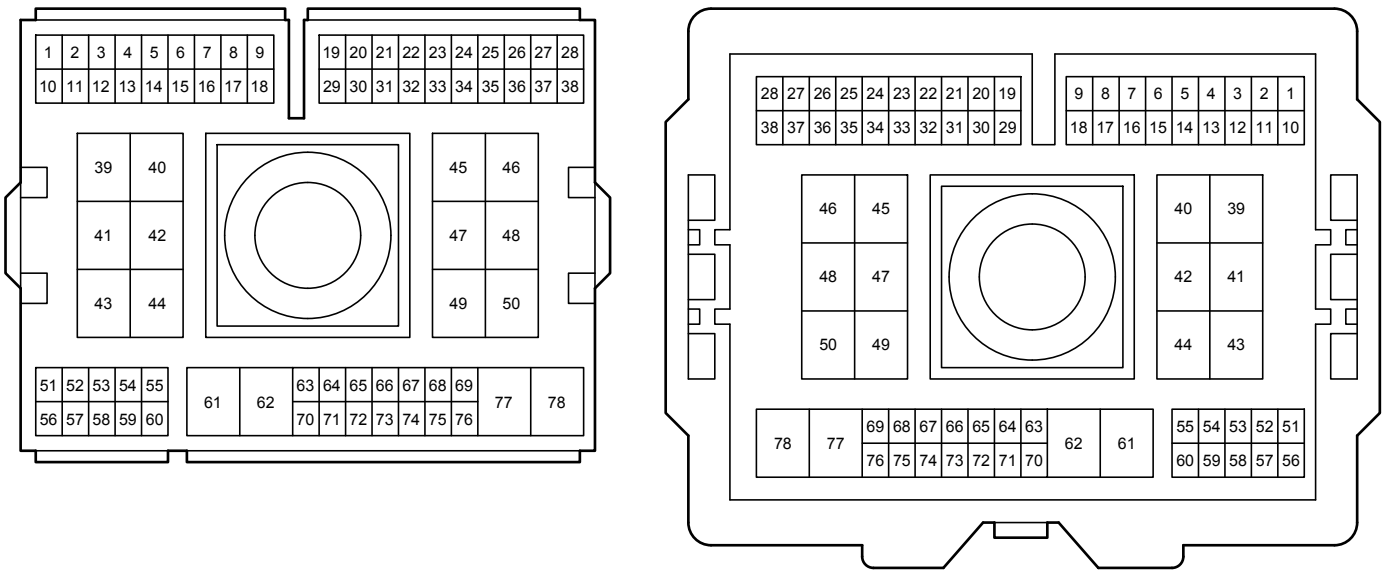
2D
White



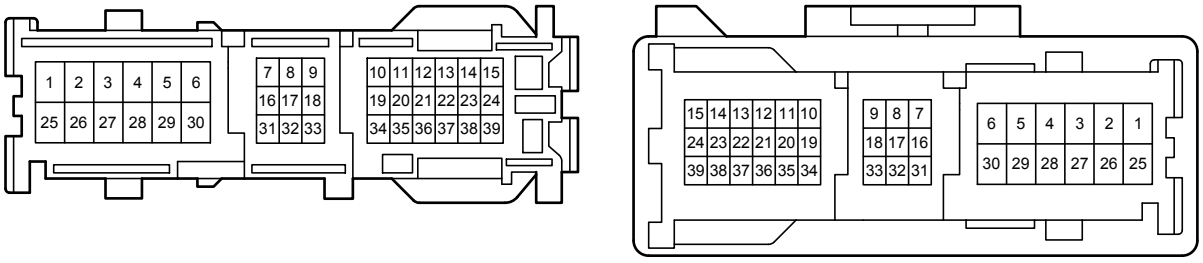
EA1
White



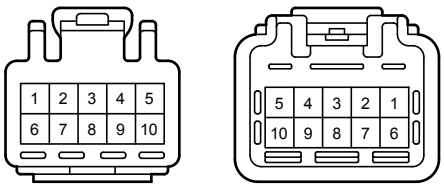
EA3
White



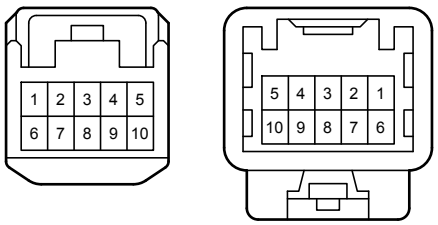
EA4
White

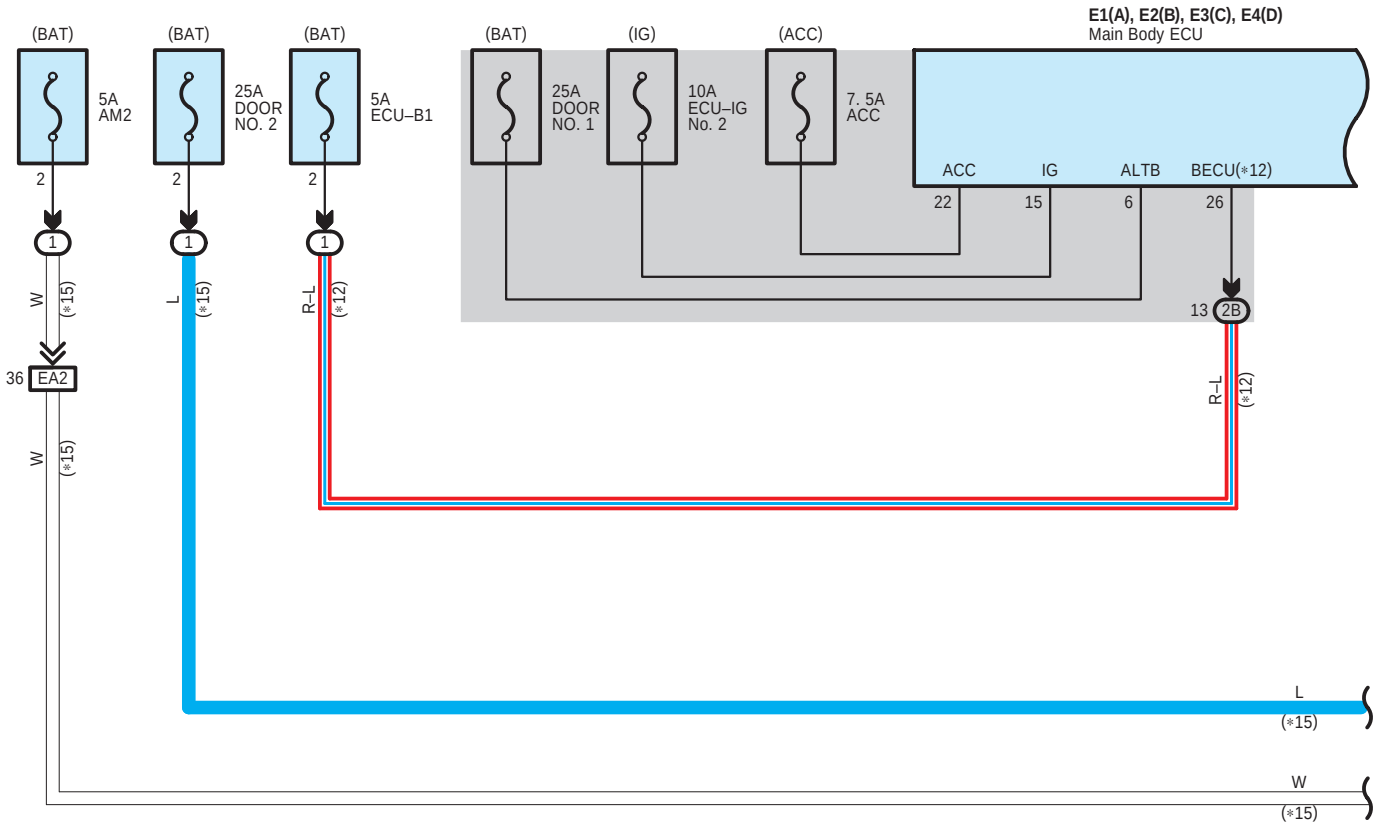


FE5
White

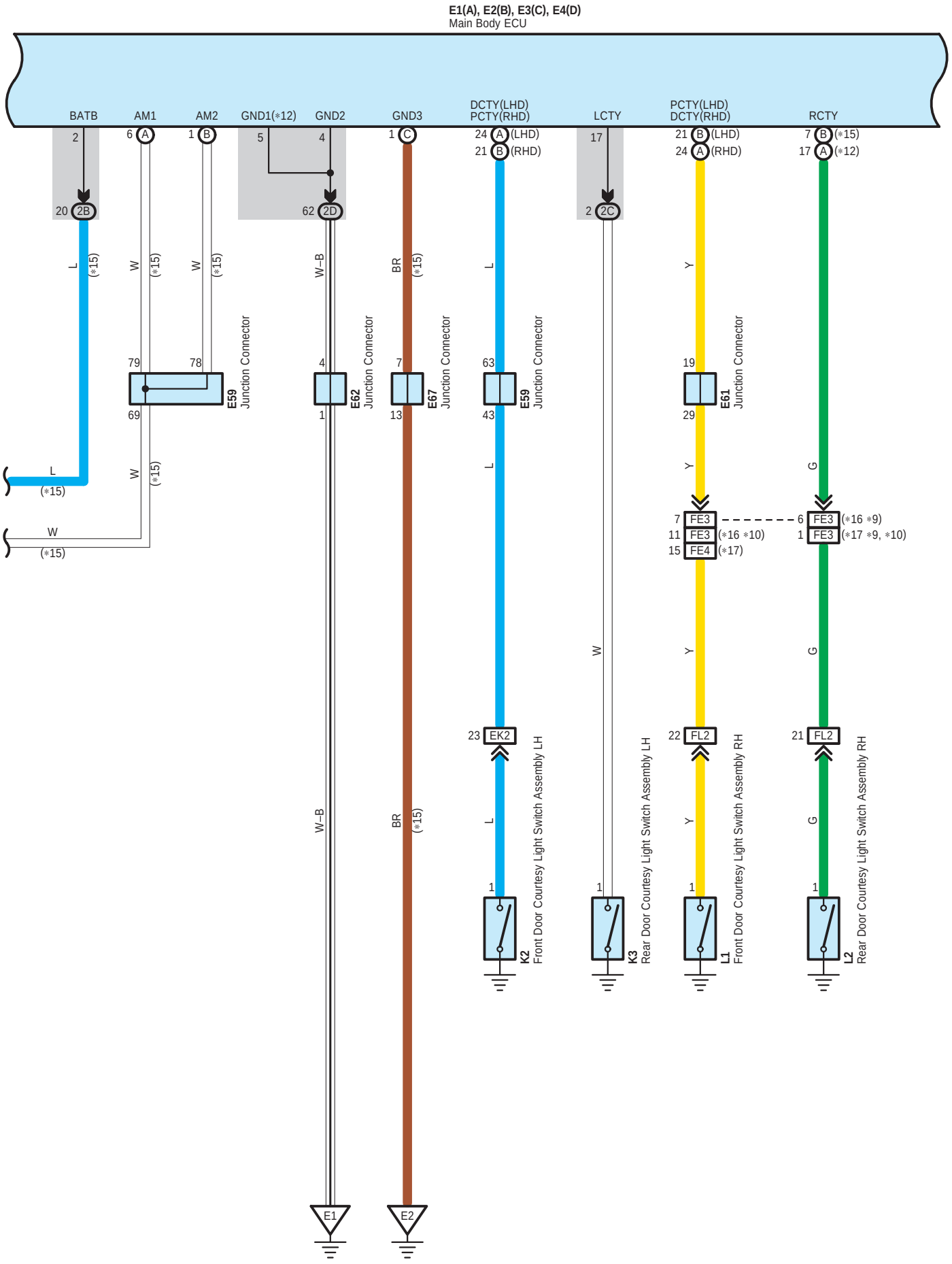


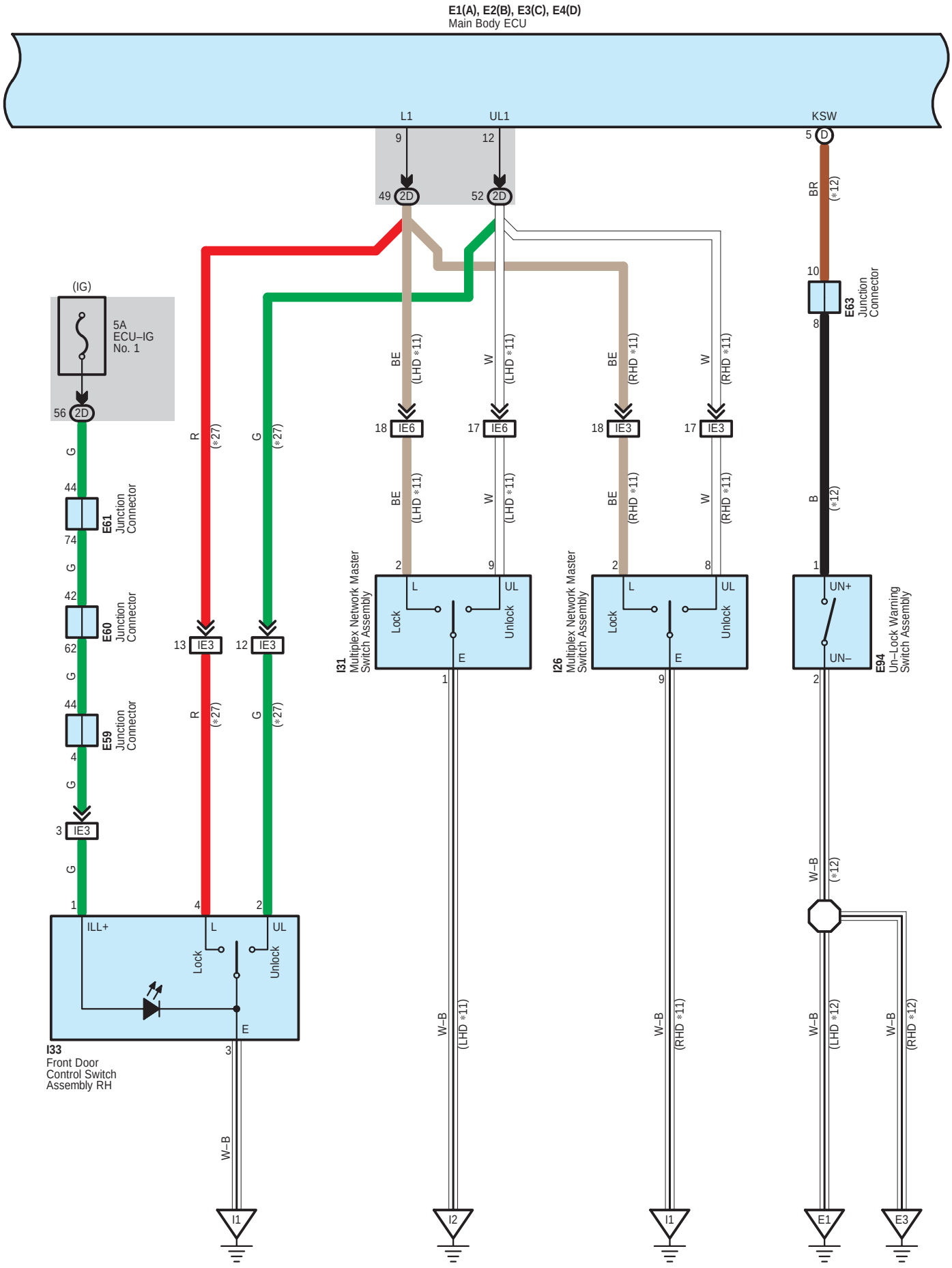
FE6
White

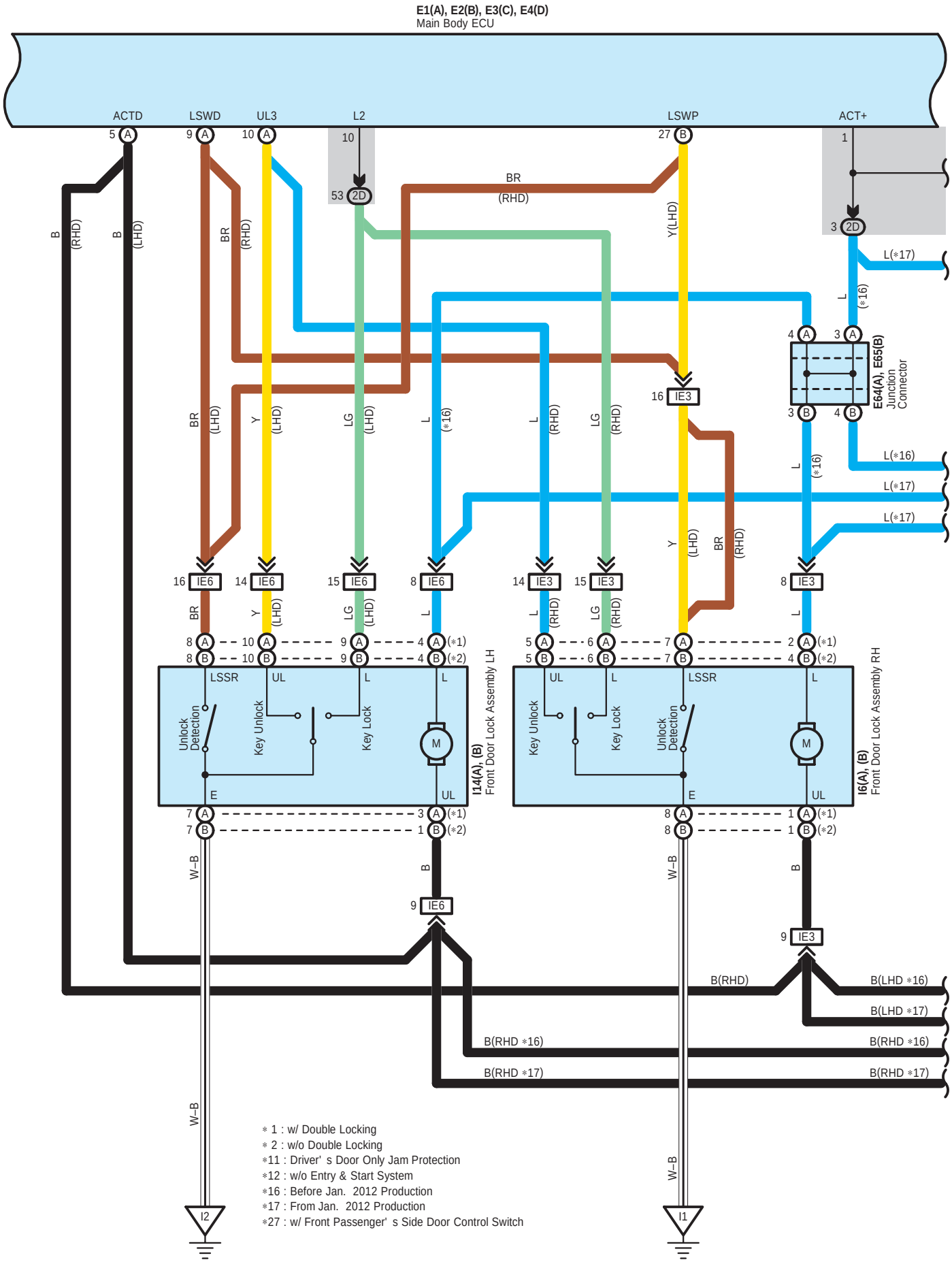


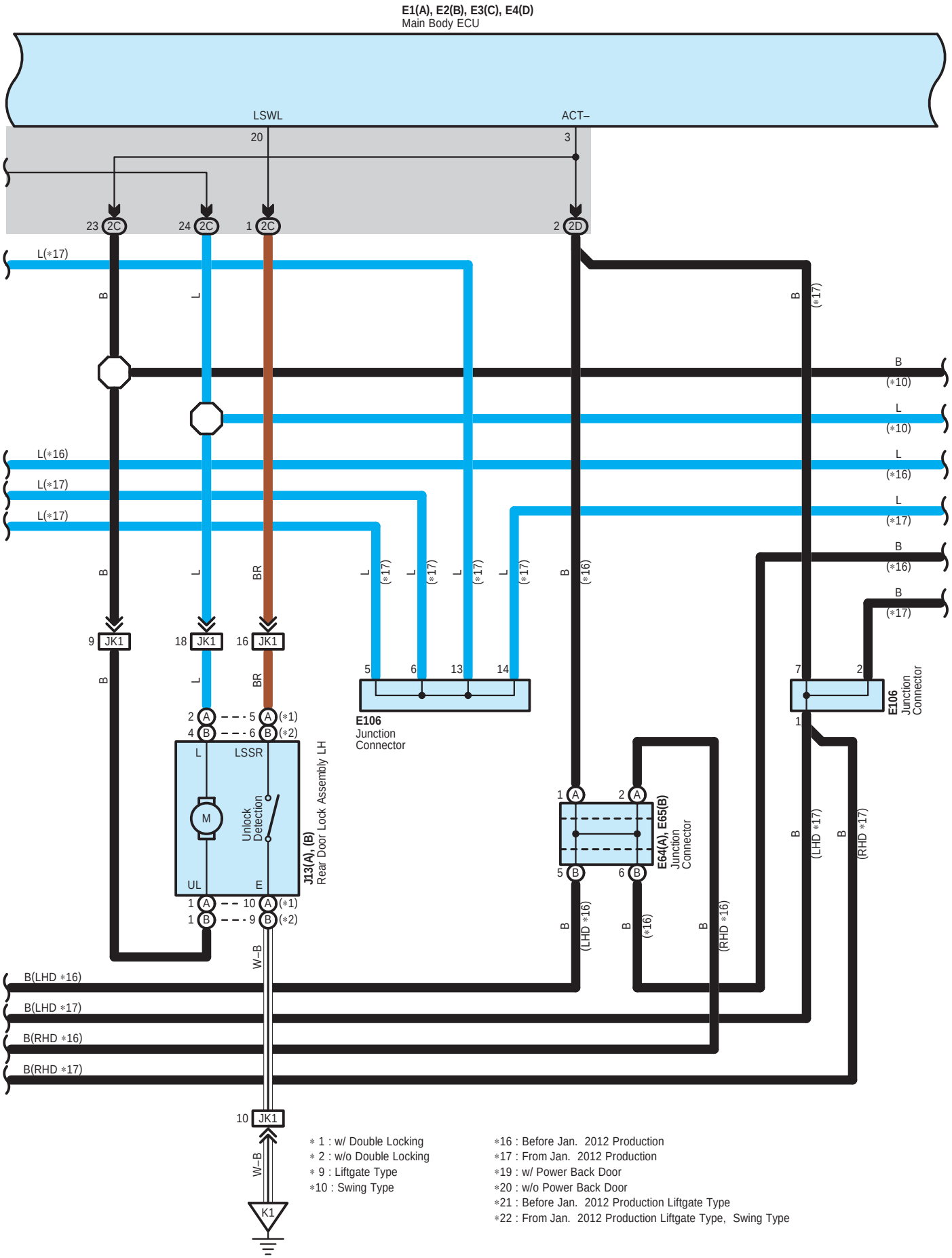


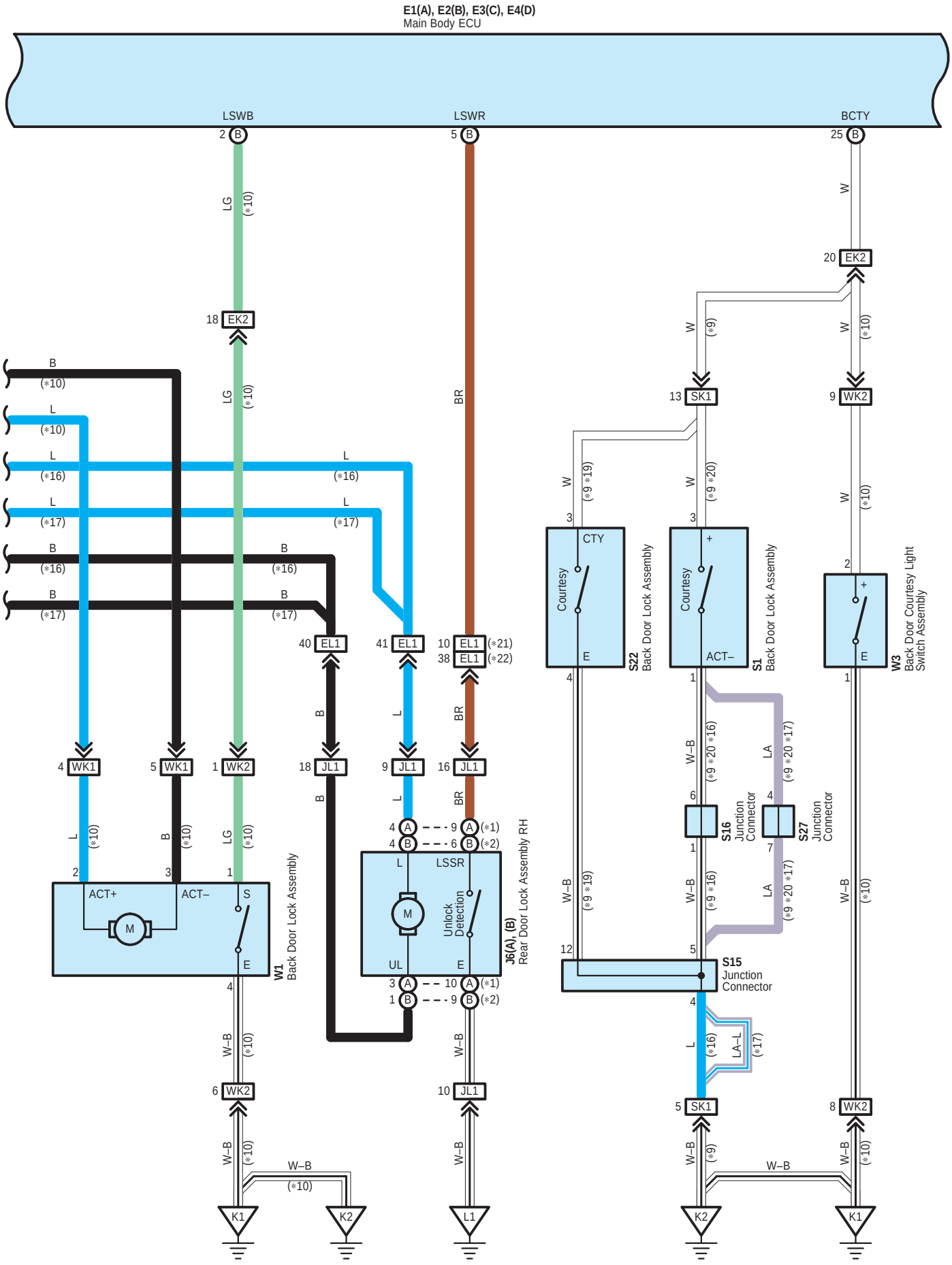
∗ 9 : Liftgate Type
∗10 : Swing Type
∗12 : w/o Entry & Start System
∗15 : w/ Entry & Start System
∗16 : Before Jan. 2012 Production
∗17 : From Jan. 2012 Production

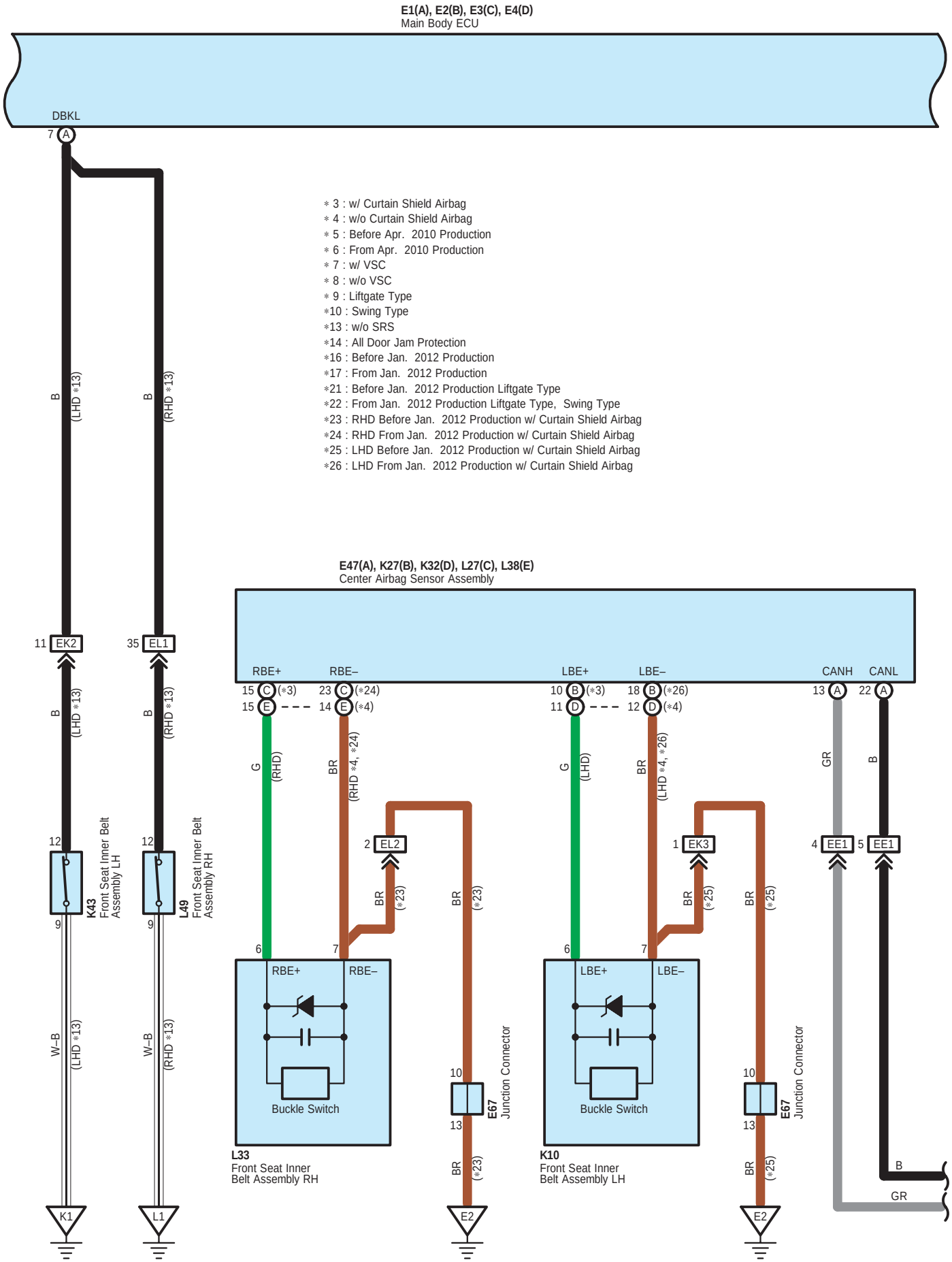

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
BATB
AM1
AM2
GND1(*12)
GND2
GND3
DCTY(LHD)
PCTY(RHD)
LCTY
PCTY(LHD)
DCTY(RHD)
RCTY
2
20 2B
6 A
1 B
5
4
62 2D
1 C
24 A (LHD)
21 B (RHD)
17
2 2C
21 B (LHD)
24 A (RHD)
7 B (*15)
17 A (*12)
L (*15)
W (*15)
W (*15)
W–B
BR (*15)
L
Y
G
79
78
69
4
1
7
13
63
43
19
29
E59 Junction Connector
E62 Junction Connector
E67 Junction Connector
E59 Junction Connector
E61 Junction Connector
L (*15)
W (*15)
W (*15)
7 FE3
11 FE3 (*16 *10)
15 FE4 (*17)
6 FE3 (*16 *9)
1 FE3 (*17 *9, *10)
23 EK2
22 FL2
21 FL2
1
K2 Front Door Courtesy Light Switch Assembly LH
K3 Rear Door Courtesy Light Switch Assembly LH
L1 Front Door Courtesy Light Switch Assembly RH
L2 Rear Door Courtesy Light Switch Assembly RH
E1
E2

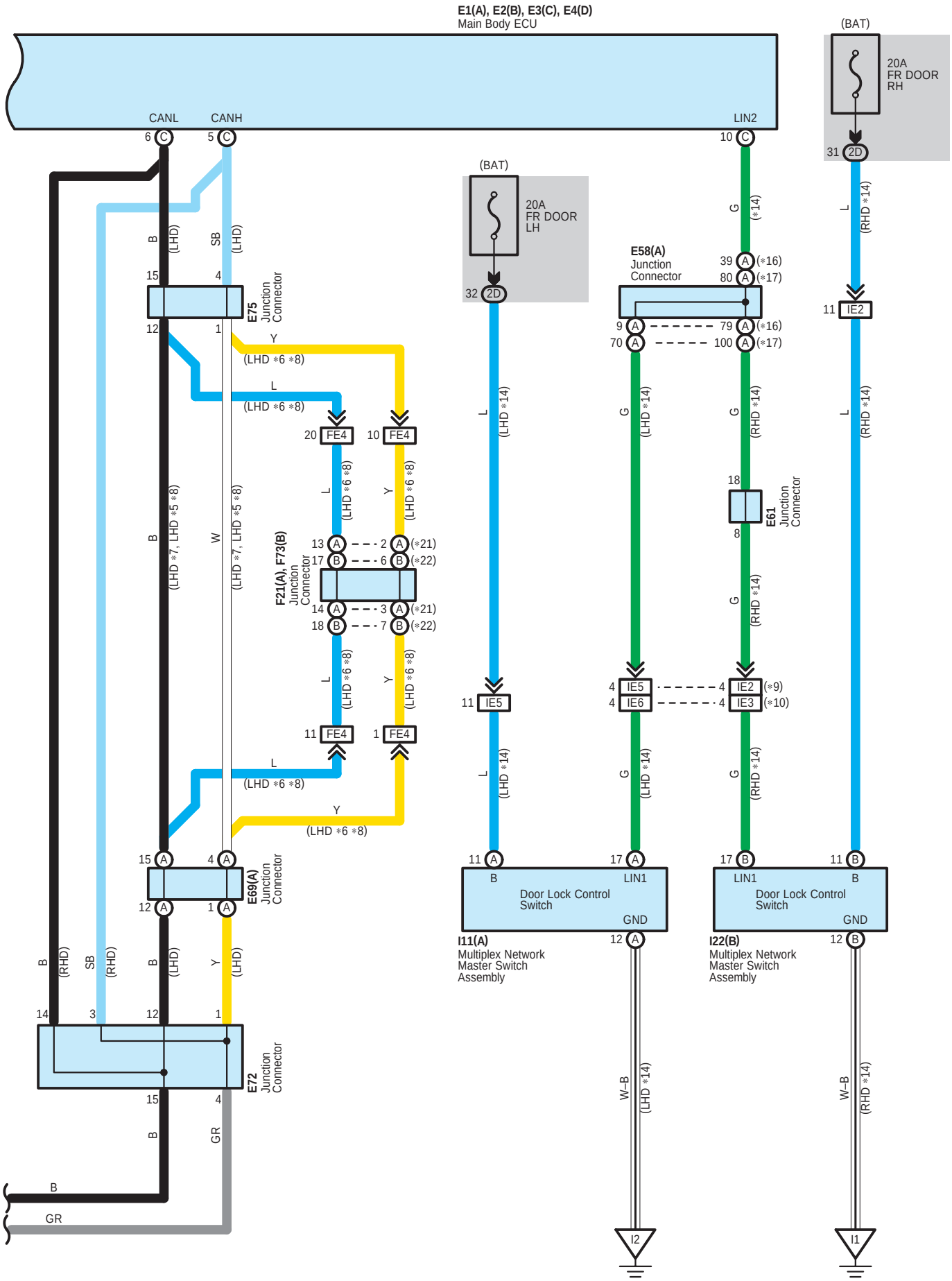

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
L1
UL1
KSW
9
12
5
49 2D
52 2D
D
BR
(*12)
10
E63
Junction
Connector
8
(IG)
5A
ECU–IG
No. 1
56 2D
BE
(LHD *11)
W
(LHD *11)
BE
(RHD *11)
W
(RHD *11)
18 IE6
17 IE6
18 IE3
17 IE3
R
(*27)
G
(*27)
G
44
E61
Junction
Connector
74
G
42
E60
Junction
Connector
62
G
44
E59
Junction
Connector
4
G
3 IE3
G
1
13 IE3
12 IE3
R
(*27)
G
(*27)
2
9
2
8
B
(*12)
1
I31
Multiplex Network Master
Switch Assembly
I26
Multiplex Network Master
Switch Assembly
L
UL
Lock
Unlock
E
UN+
UN–
E94
Un–Lock Warning
Switch Assembly
2
1
9
W–B
(*12)
4
2
ILL+
L
UL
Lock
Unlock
E
I33
Front Door
Control Switch
Assembly RH
3
W–B
(LHD *11)
W–B
(RHD *11)
W–B
(LHD *12)
W–B
(RHD *12)
I1
I2
I1
E1
E3


E1(A), E2(B), E3(C), E4(D)
Main Body ECU
ACTD
LSWD
UL3
L2
LSWP
ACT+
E64(A), E65(B)
Junction Connector
I14(A), (B)
Front Door Lock Assembly LH
I6(A), (B)
Front Door Lock Assembly RH
LSSR
UL
Unlock Detection
Key Unlock
Key Lock
M
E
I2
I1
∗1 : w/ Double Locking
∗2 : w/o Double Locking
∗11 : Driver' s Door Only Jam Protection
∗12 : w/o Entry & Start System
∗16 : Before Jan. 2012 Production
∗17 : From Jan. 2012 Production
∗27 : w/ Front Passenger' s Side Door Control Switch

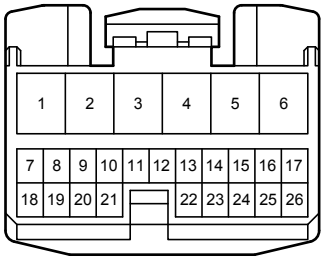

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
LSWL
ACT–
20
3
23 2C
24 2C
1 2C
2 2D
L(∗17)
L(∗16)
B
L
BR
(∗17)
(∗16)
(∗10)
9 JK1
18 JK1
16 JK1
5
6
13
14
E106
Junction
Connector
7
2
1
J13(A), (B)
Rear Door Lock Assembly LH
LSSR
Unlock
Detection
M
UL
E
E64(A), E65(B)
Junction
Connector
(LHD ∗16)
(RHD ∗16)
(∗16)
(LHD ∗17)
(RHD ∗17)
B(LHD ∗16)
B(LHD ∗17)
B(RHD ∗16)
B(RHD ∗17)
W–B
10 JK1
K1
∗ 1 : w/ Double Locking
∗ 2 : w/o Double Locking
∗ 9 : Liftgate Type
∗10 : Swing Type
∗16 : Before Jan. 2012 Production
∗17 : From Jan. 2012 Production
∗19 : w/ Power Back Door
∗20 : w/o Power Back Door
∗21 : Before Jan. 2012 Production Liftgate Type
∗22 : From Jan. 2012 Production Liftgate Type, Swing Type


E1(A), E2(B), E3(C), E4(D)
Main Body ECU
LSWB
LSWR
BCTY
2 B
5 B
25 B
LG (*10)
18 EK2
BR
20 EK2
W (*9)
W (*10)
13 SK1
9 WK2
B (*10)
L (*10)
L (*16)
L (*17)
B (*16)
B (*17)
W (*9 *19)
W (*9 *20)
3
CTY
Courtesy
E
S22 Back Door Lock Assembly
ACT–
S1 Back Door Lock Assembly
2
+
W3 Back Door Courtesy Light Switch Assembly
40 EL1
41 EL1
10 EL1 (*21)
38 EL1 (*22)
4 WK1
5 WK1
1 WK2
18 JL1
9 JL1
16 JL1
4 A 9 A (*1)
4 B 6 B (*2)
LSSR
Unlock Detection
M
UL
E
3 A 10 A (*1)
1 B 9 B (*2)
J6(A), (B) Rear Door Lock Assembly RH
ACT+
ACT–
S
W1 Back Door Lock Assembly
W–B (*9 *16)
LA (*9 *20 *17)
W–B (*9 *19)
LA–L (*17)
S16 Junction Connector
S27 Junction Connector
S15 Junction Connector
6 WK2
10 JL1
5 SK1
8 WK2
W–B (*10)
W–B (*9)
K1
K2
L1

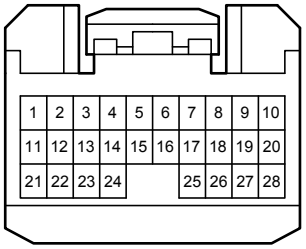

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
DBKL
7 A
B (LHD *13)
B (RHD *13)
11 EK2
35 EL1
12
9
K43
Front Seat Inner Belt Assembly LH
L49
Front Seat Inner Belt Assembly RH
W–B (LHD *13)
W–B (RHD *13)
K1
L1
* 3 : w/ Curtain Shield Airbag
* 4 : w/o Curtain Shield Airbag
* 5 : Before Apr. 2010 Production
* 6 : From Apr. 2010 Production
* 7 : w/ VSC
* 8 : w/o VSC
* 9 : Liftgate Type
*10 : Swing Type
*13 : w/o SRS
*14 : All Door Jam Protection
*16 : Before Jan. 2012 Production
*17 : From Jan. 2012 Production
*21 : Before Jan. 2012 Production Liftgate Type
*22 : From Jan. 2012 Production Liftgate Type, Swing Type
*23 : RHD Before Jan. 2012 Production w/ Curtain Shield Airbag
*24 : RHD From Jan. 2012 Production w/ Curtain Shield Airbag
*25 : LHD Before Jan. 2012 Production w/ Curtain Shield Airbag
*26 : LHD From Jan. 2012 Production w/ Curtain Shield Airbag
E47(A), K27(B), K32(D), L27(C), L38(E)
Center Airbag Sensor Assembly
RBE+
RBE–
LBE+
LBE–
CANH
CANL
15 C (*3)
15 E
23 C (*24)
14 E (*4)
10 B (*3)
11 D
18 B (*26)
12 D (*4)
13 A
22 A
G (RHD)
BR (RHD *4, *24)
G (LHD)
BR (LHD *4, *26)
GR
B
2 EL2
1 EK3
4 EE1
5 EE1
BR (*23)
BR (*25)
6
7
Buckle Switch
10
13
E67
Junction Connector
L33
Front Seat Inner Belt Assembly RH
K10
Front Seat Inner Belt Assembly LH
E2
GR


E1(A), E2(B), E3(C), E4(D)
Main Body ECU
CANL
CANH
LIN2
(BAT)
20A
FR DOOR
RH
20A
FR DOOR
LH
E75
Junction
Connector
E58(A)
Junction
Connector
E61
Junction
Connector
F21(A), F73(B)
Junction
Connector
E69(A)
Junction
Connector
E72
Junction
Connector
Door Lock Control
Switch
I11(A)
Multiplex Network
Master Switch
Assembly
I22(B)
Multiplex Network
Master Switch
Assembly
(LHD)
(RHD)
(LHD *5 *8)
(LHD *6 *8)
(LHD *7, LHD *5 *8)
(LHD *14)
(RHD *14)
(*14)
(*16)
(*17)
(*21)
(*22)
(*9)
(*10)
FE4
IE2
IE3
IE5
IE6
I2
I1
- 8 -

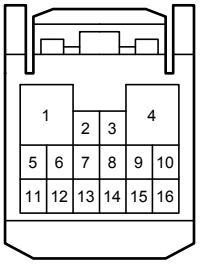
E 1
White



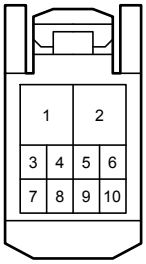
E 2
White



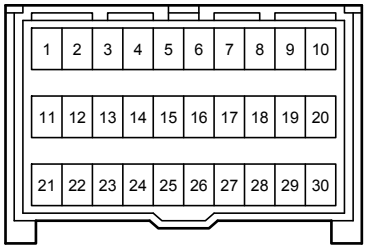
E 3
White



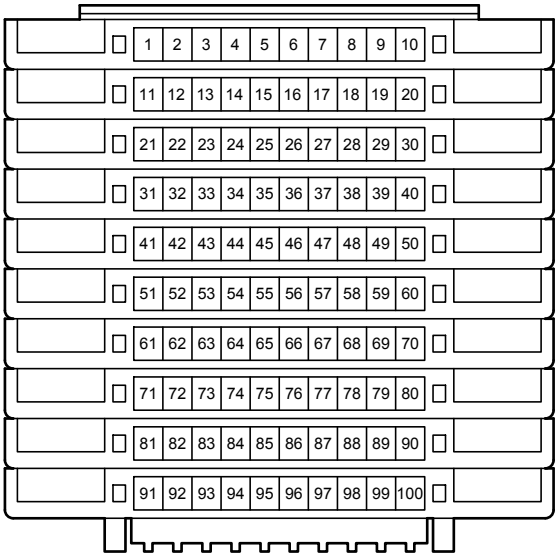
E 4
White



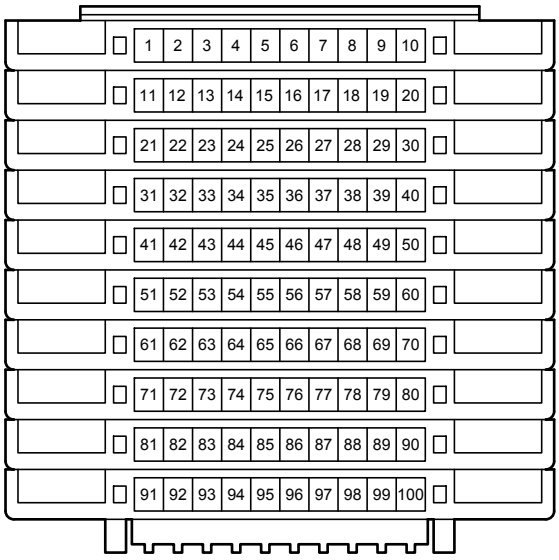
E 47
Yellow



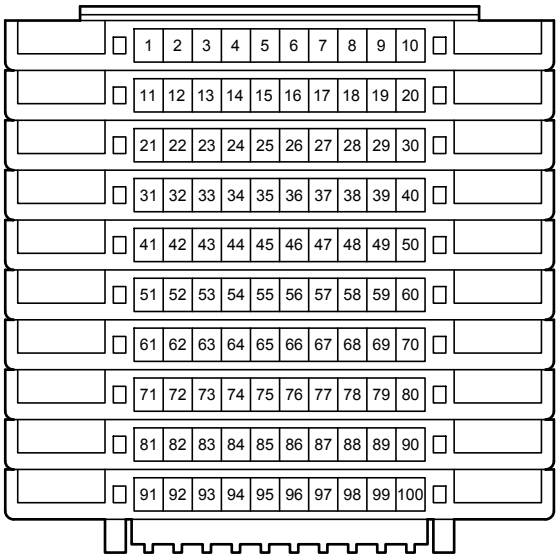
E 58



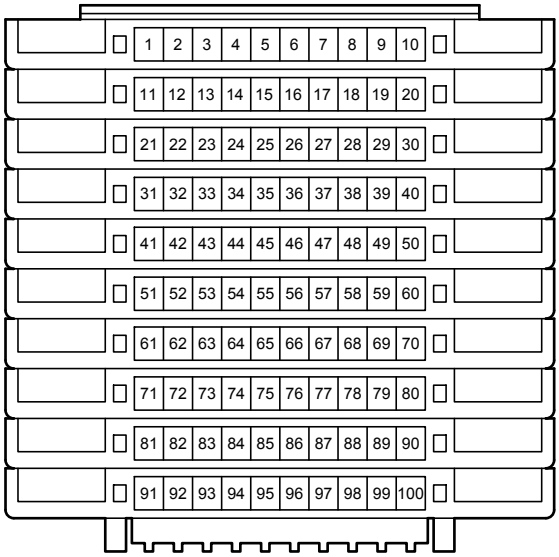
E 59



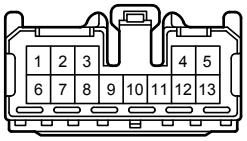
E 60



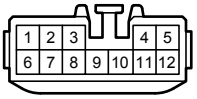
E 61



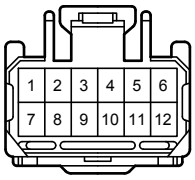
E 62
White



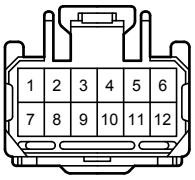
E 63
Gray



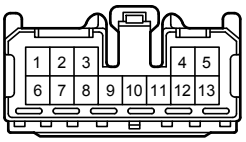
E 64
Black



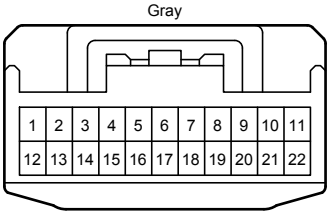
E 65
Black



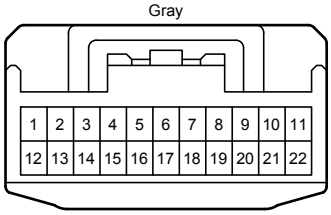
E 67
White



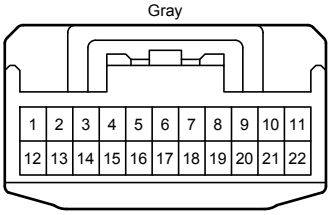
E 69
Gray



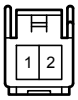
E 72
Gray



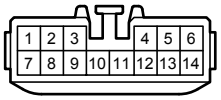
E 75
Gray



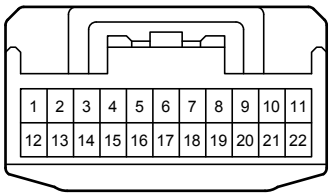
E 94
White



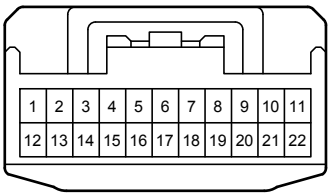
E106
White



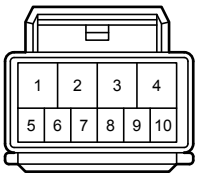
F 21
Black



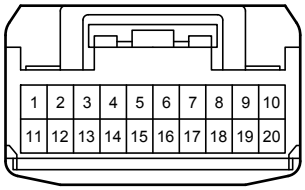
F 73
Blue



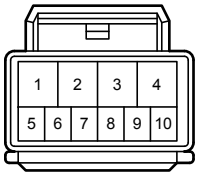
I 6
White



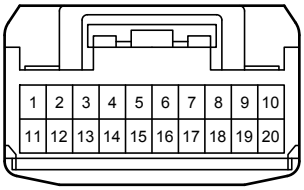
I 11
White



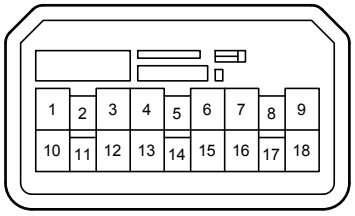
I 14
White



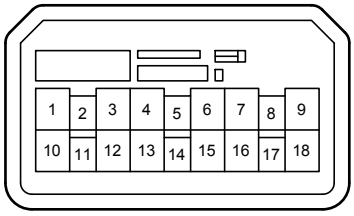
I 22
White



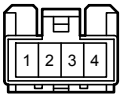
I 26
White



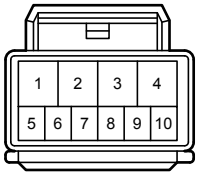
I 31
White



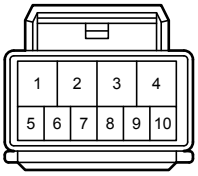
I 33
Blue



J 6
White



J 13
White



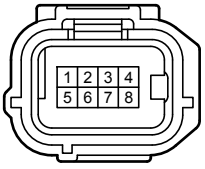
K 2
White



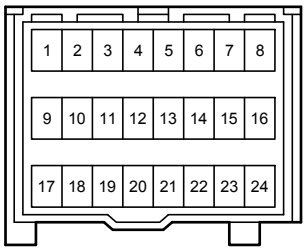
K 3
White



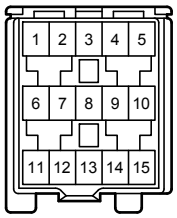
K 10
Gray



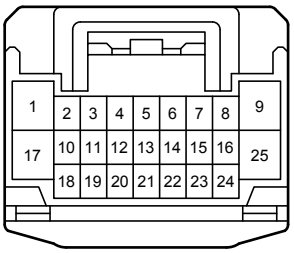
K 27
Yellow



K 32
Yellow



K 43
White



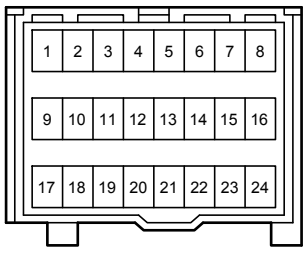
L 1
White



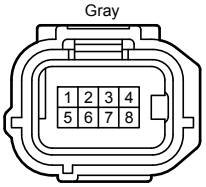
L 2
White



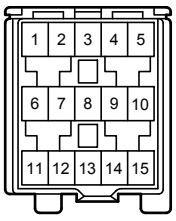
L 27
Yellow



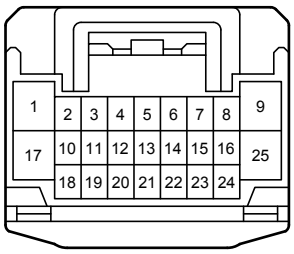
L 33
Gray



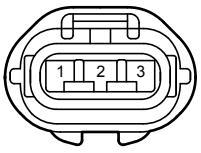
L 38
Yellow



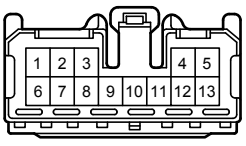
L 49
White



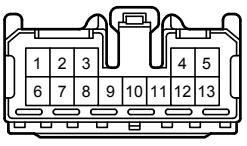
S 1
Black



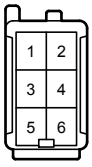
S 15
White



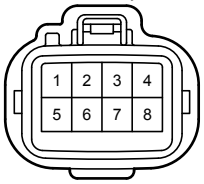
S 16
White



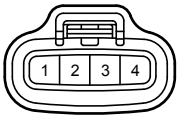
S 22
Black



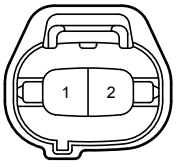
S 27
Dark Gray



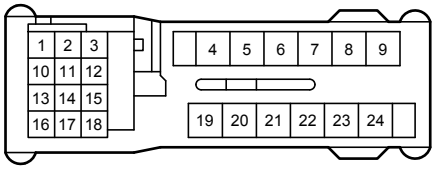
W 1
White



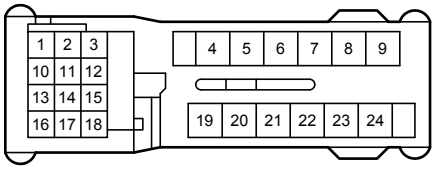
W 3
Blue



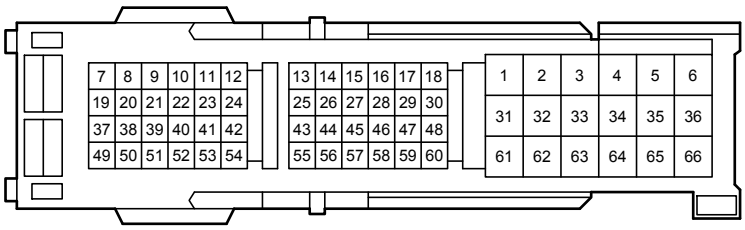
2B
White



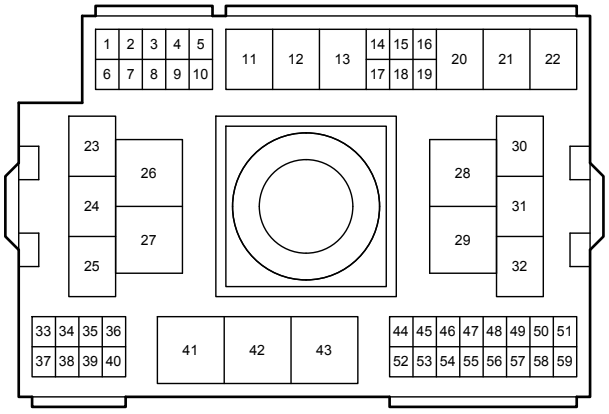
2C
White



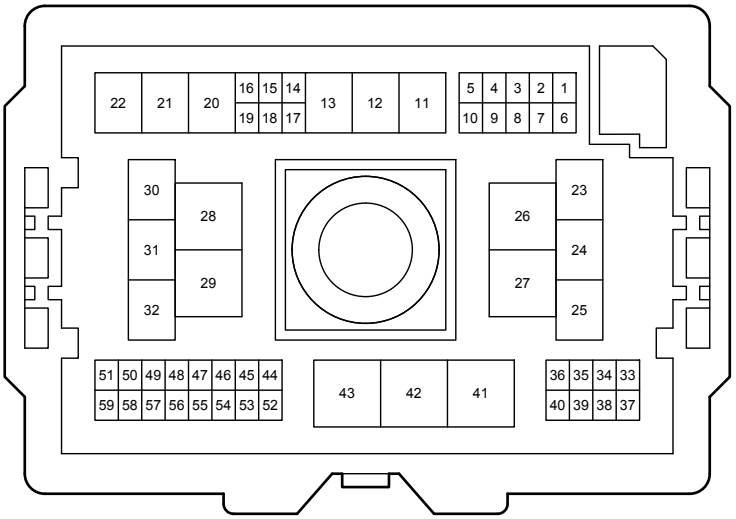
2D
White



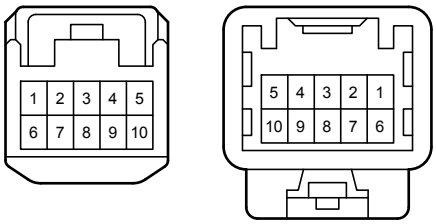
EA2
White



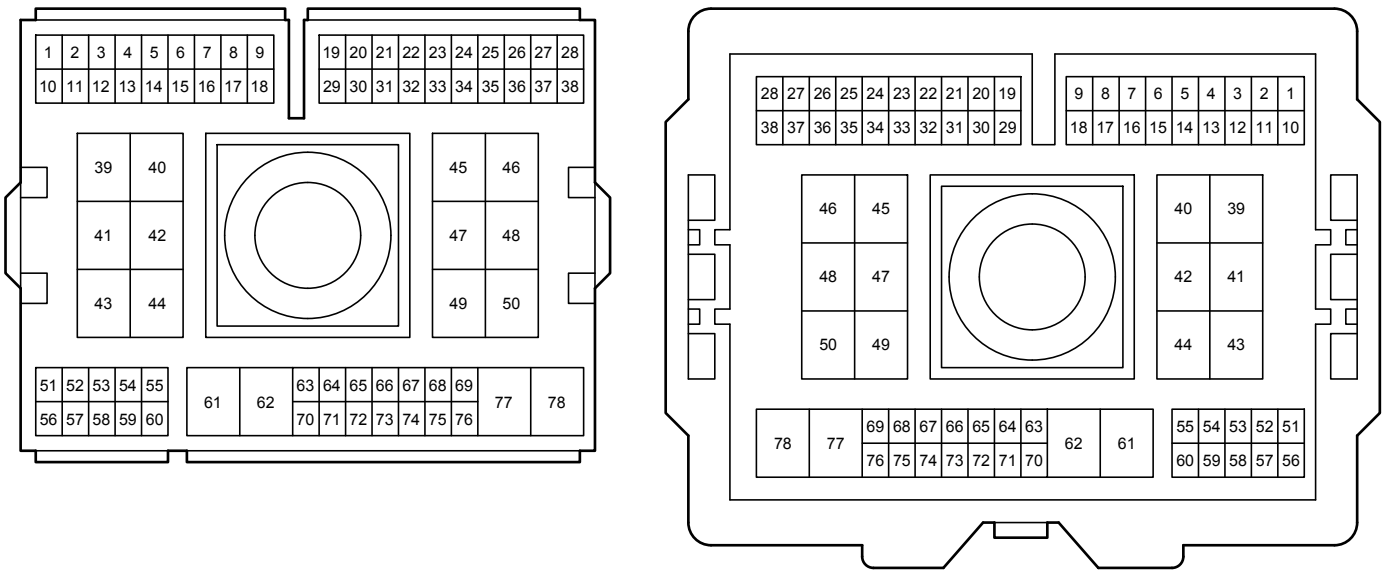
Gray



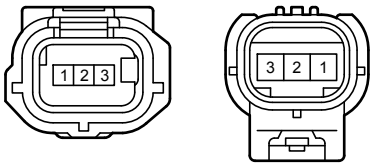
EE1
White



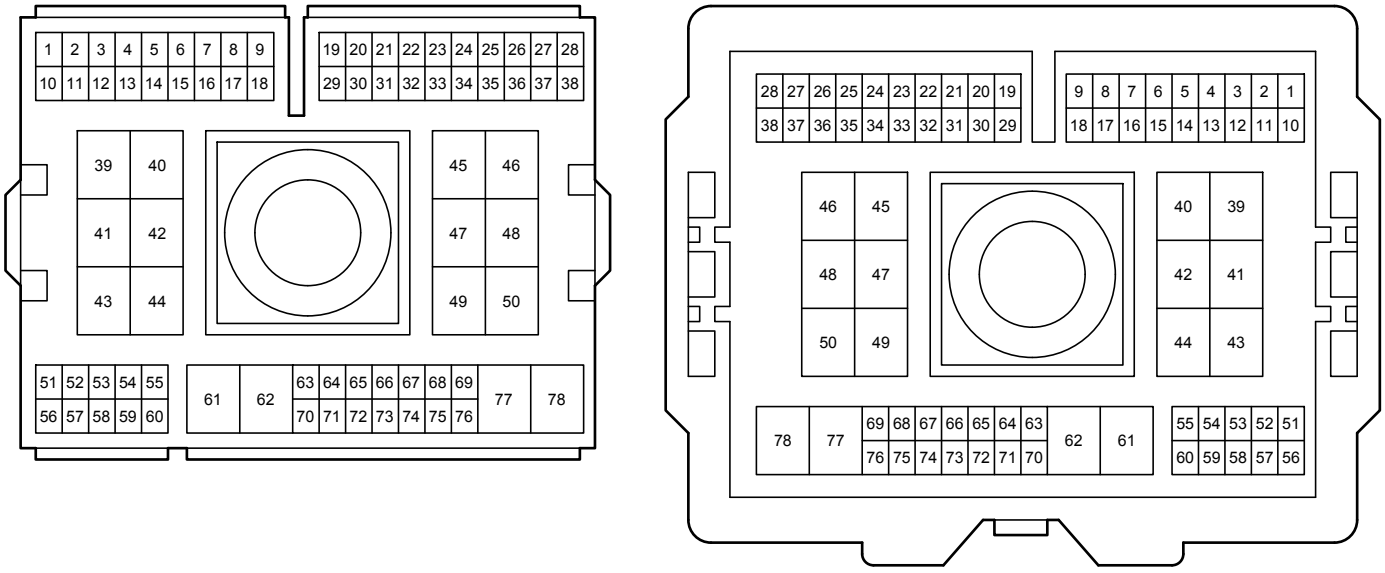
EK2
White



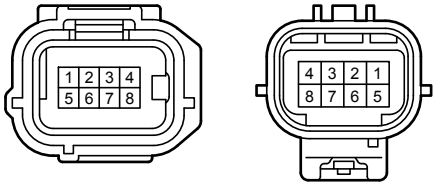
EK3
Black



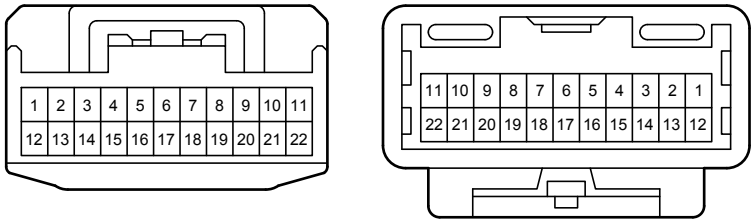
EL1
White



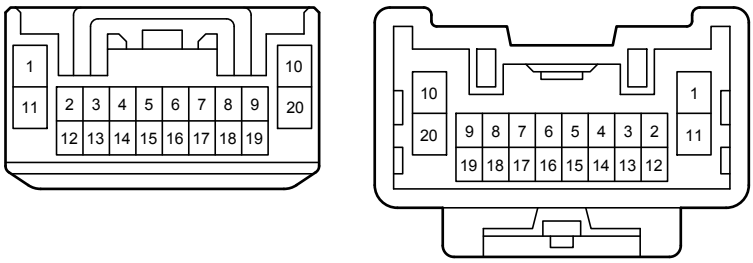
EL2
Gray



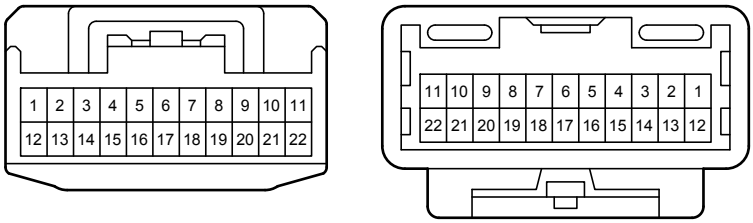
FE3
White



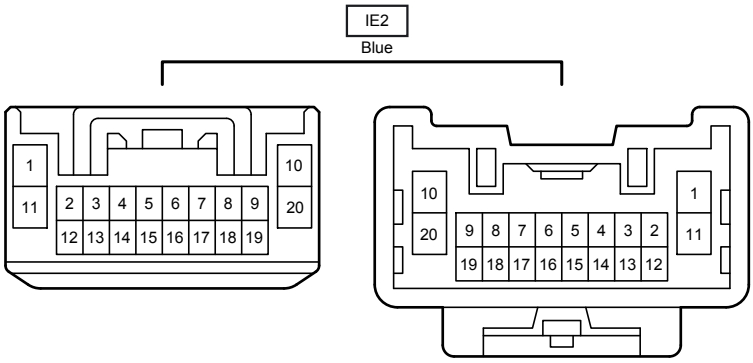
FE4
White



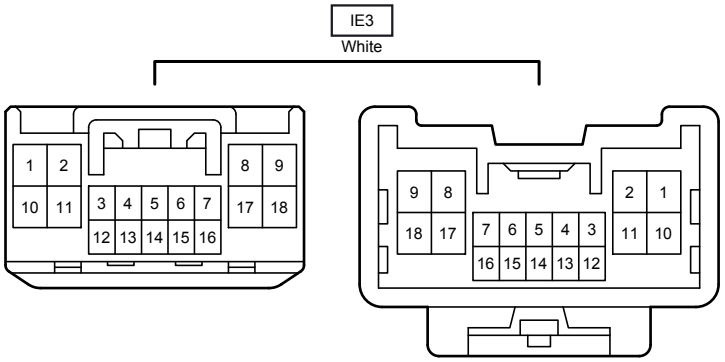
FL2
Blue

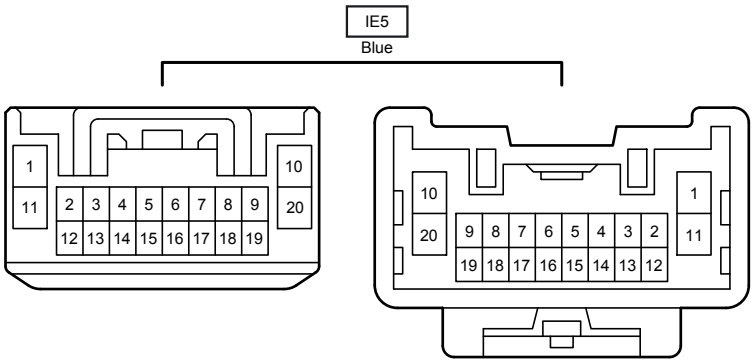


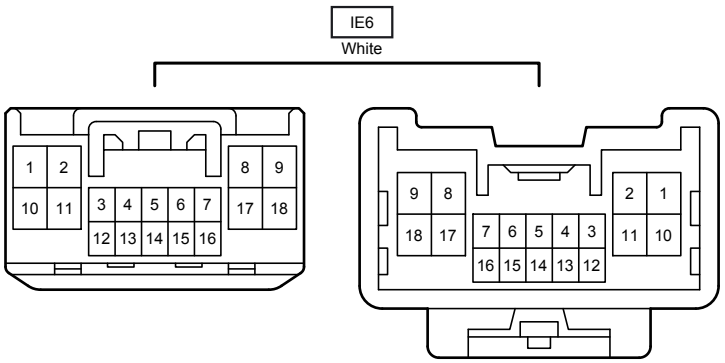
IE2
Blue

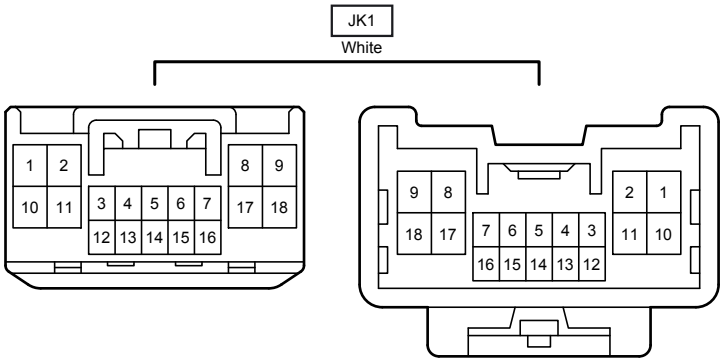


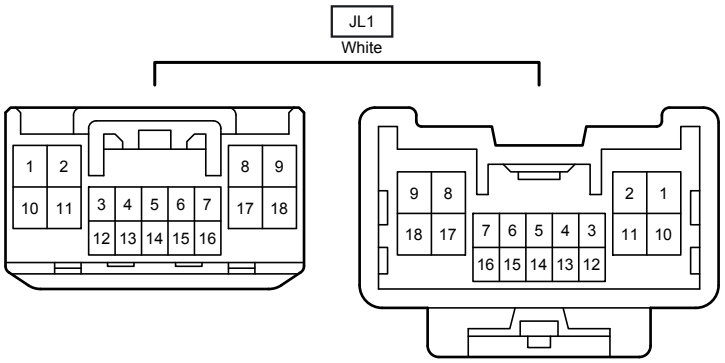
IE3
White

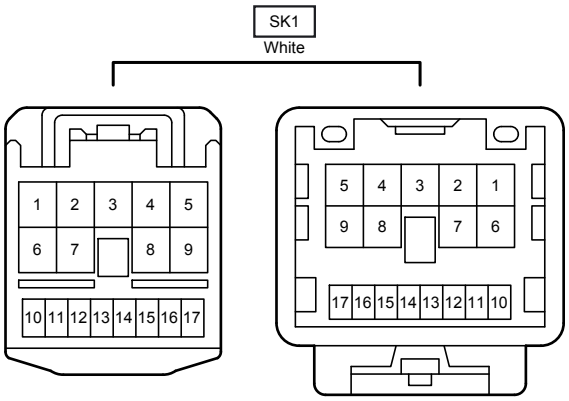


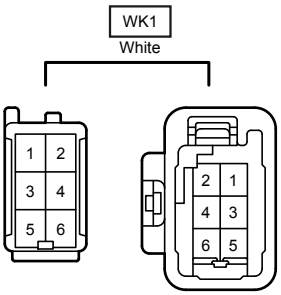

IE5
Blue
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11

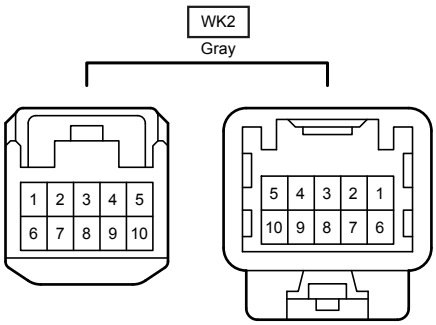

IE6
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10

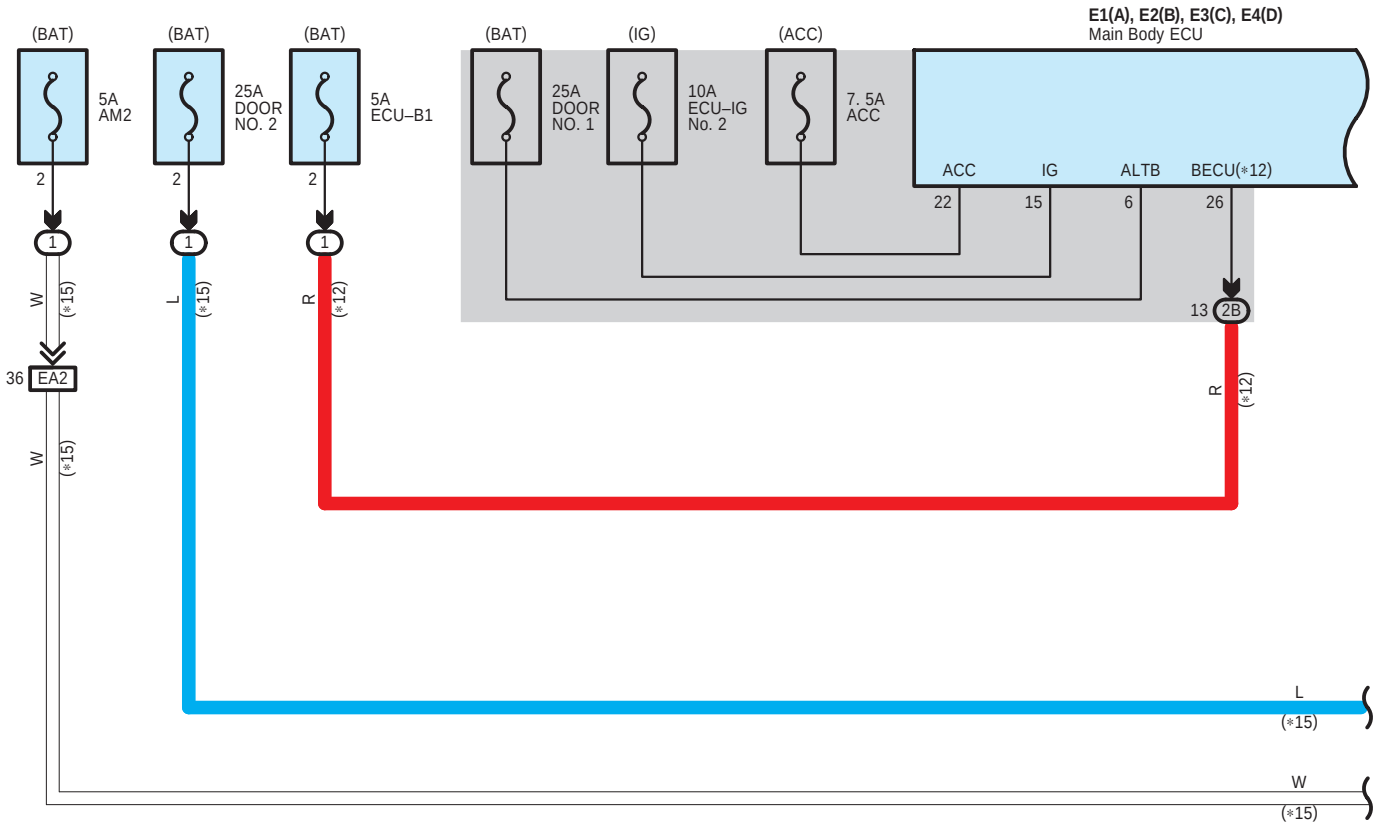

JK1
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10


JL1
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10

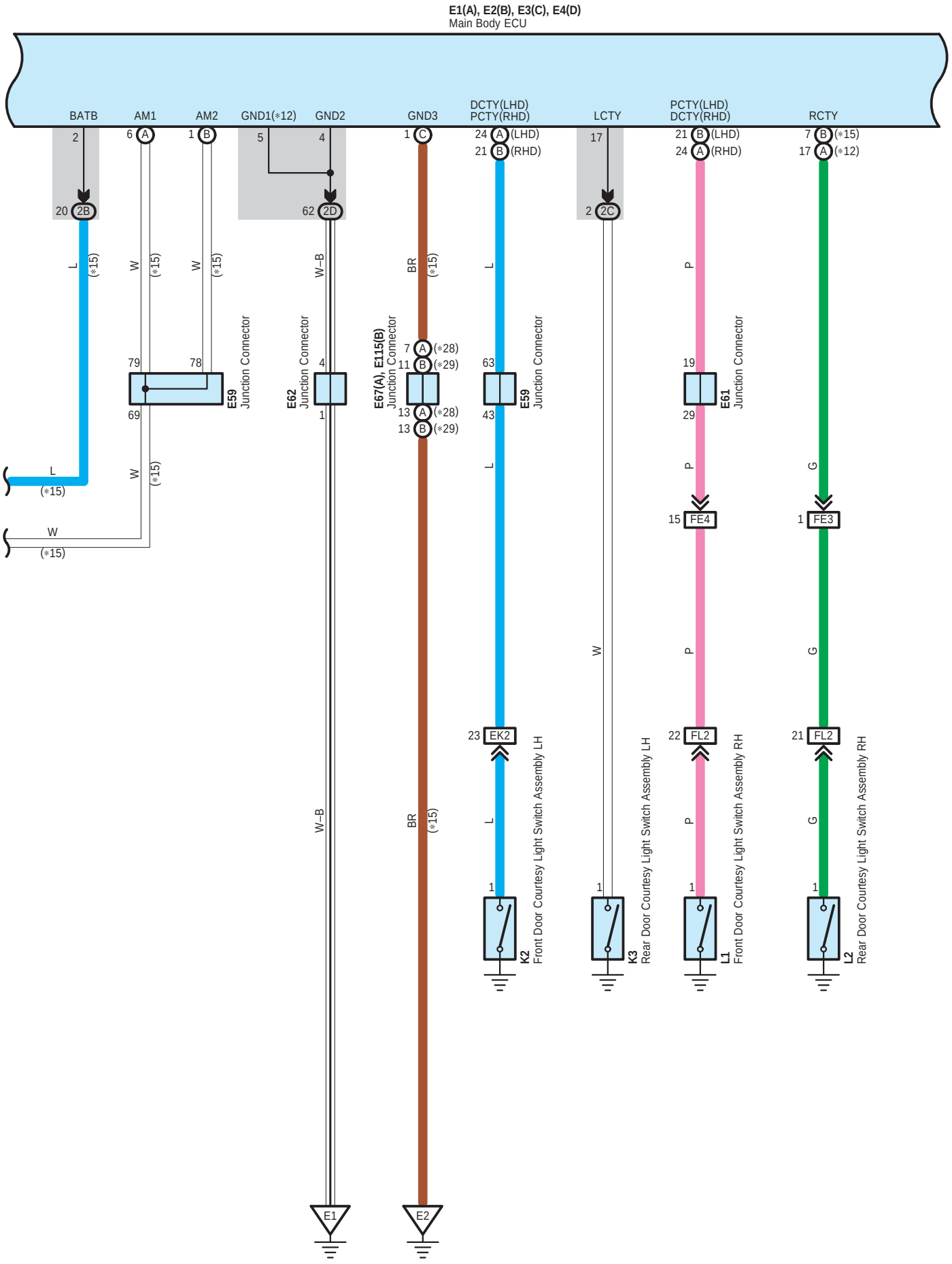

SK1
White
1 2 3 4 5
6 7 8 9
10 11 12 13 14 15 16 17
5 4 3 2 1
9 8 7 6
17 16 15 14 13 12 11 10

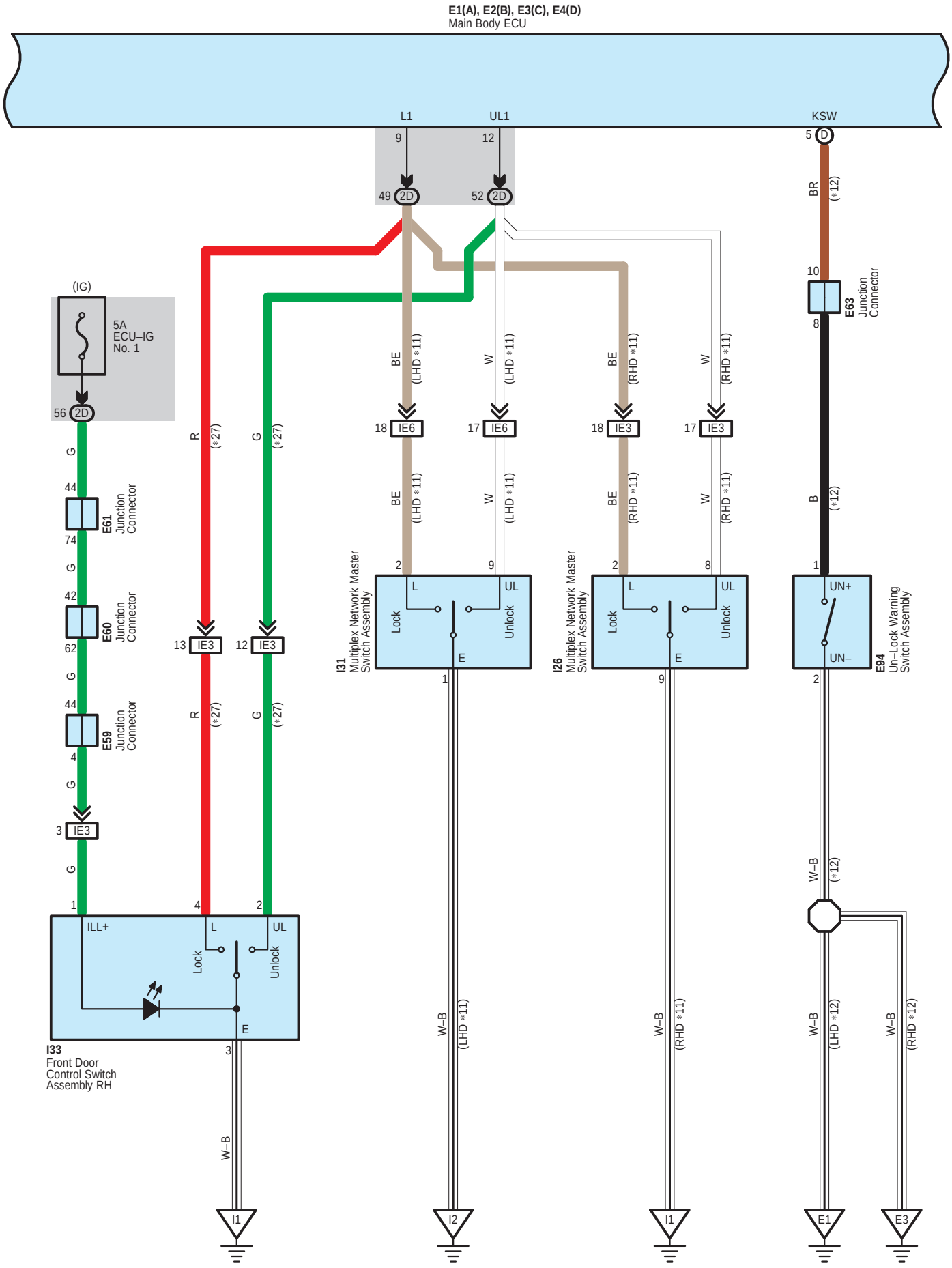

WK1
White
1 2
3 4
5 6
2 1
4 3
6 5

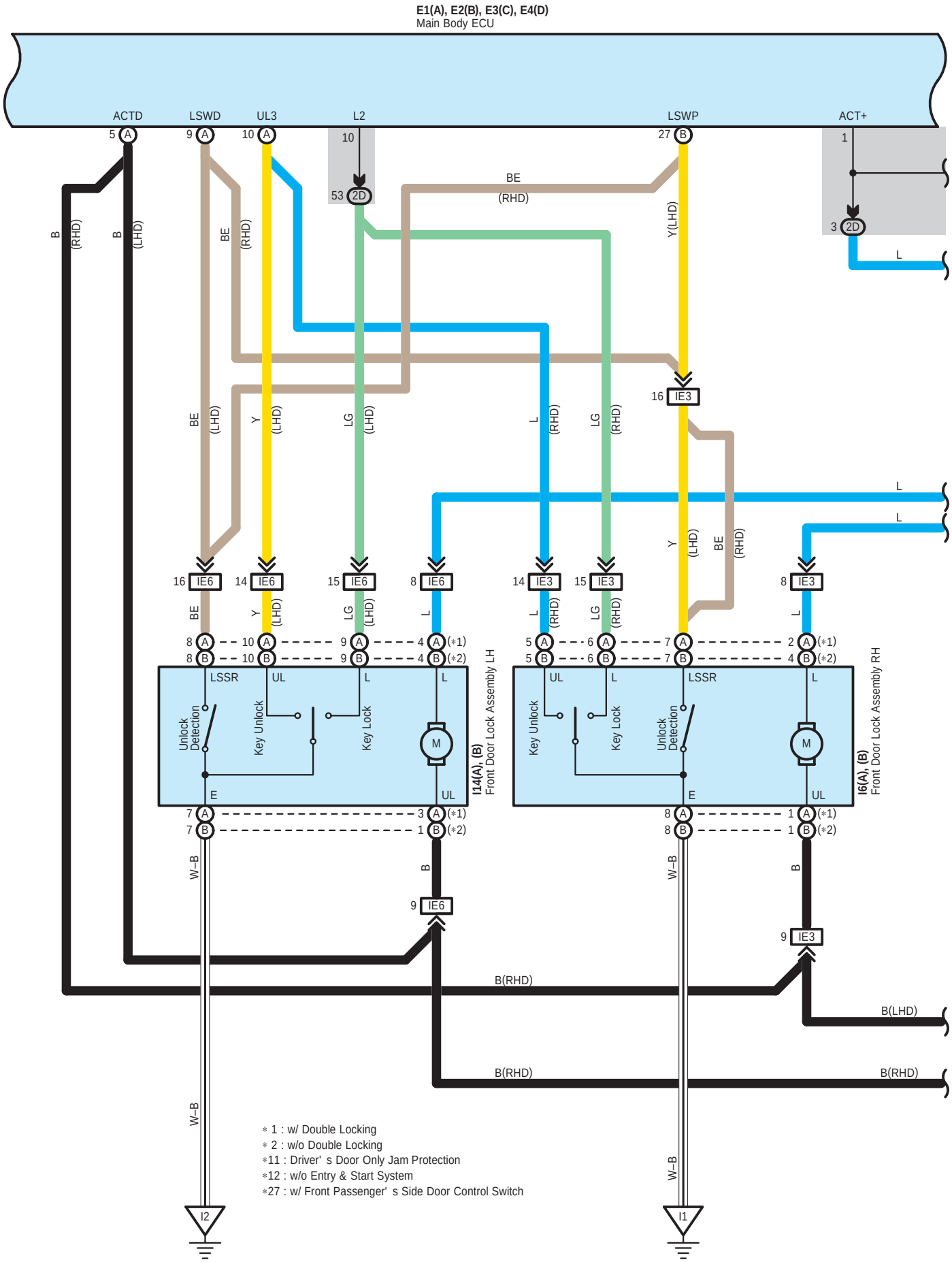

WK2
Gray
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

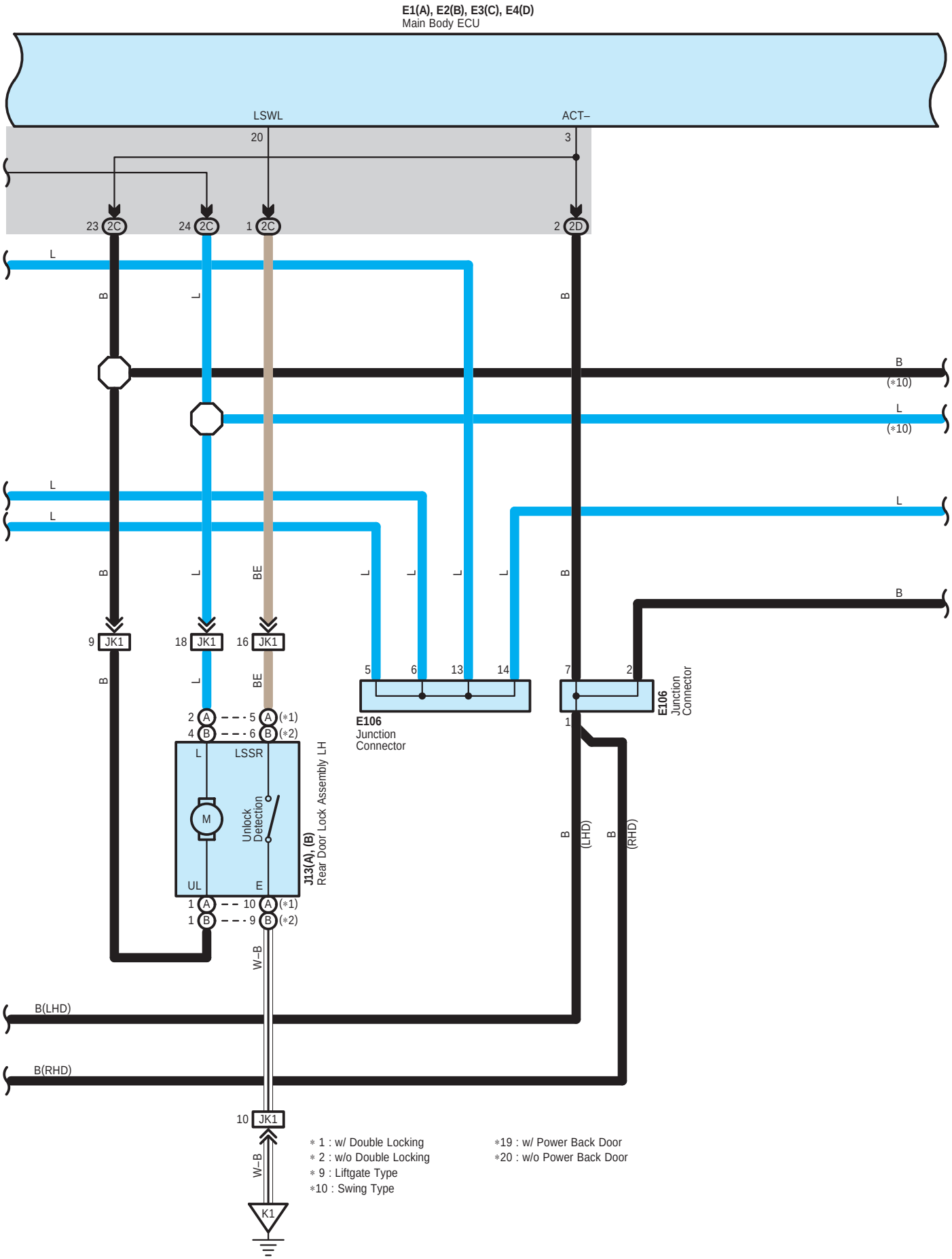


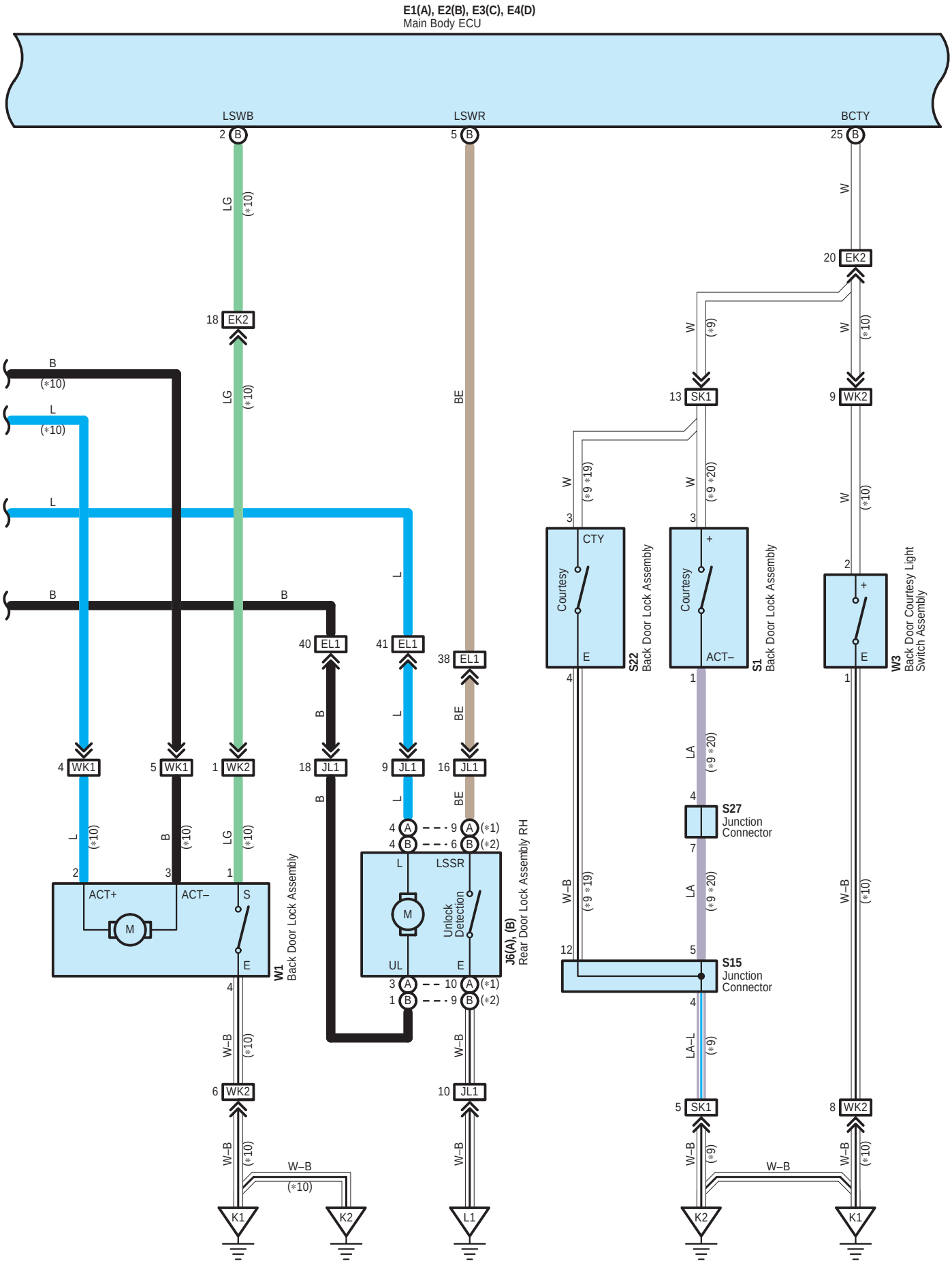
∗12 : w/o Entry & Start System
∗15 : w/ Entry & Start System
∗28 : LHD Before Aug. 2013 Production, RHD
∗29 : LHD From Aug. 2013 Production

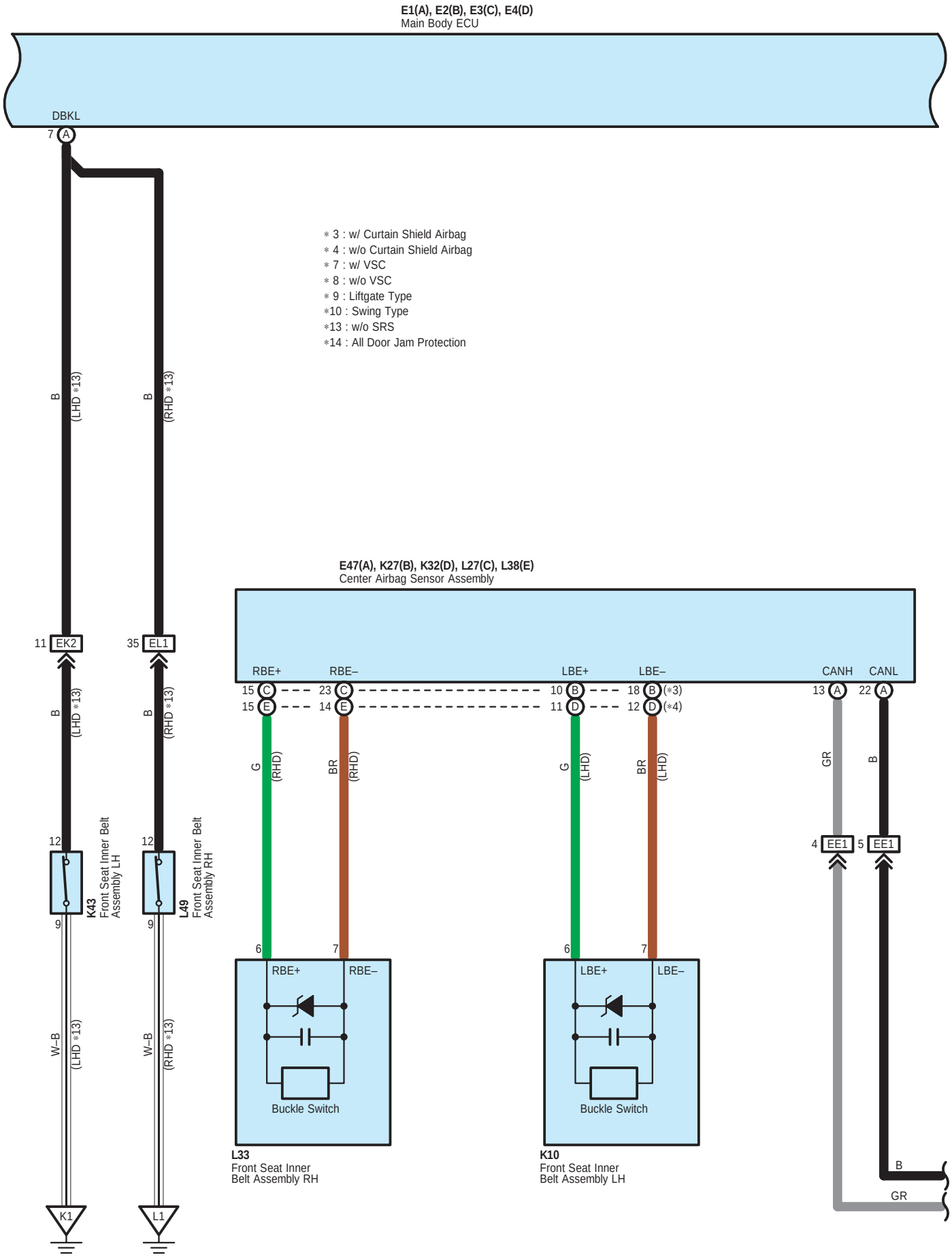

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
BATB
AM1
AM2
GND1(*12)
GND2
GND3
DCTY(LHD)
PCTY(RHD)
LCTY
PCTY(LHD)
DCTY(RHD)
RCTY
2
20 2B
6 A
1 B
5
4
62 2D
1 C
24 A (LHD)
21 B (RHD)
17
2 2C
21 B (LHD)
24 A (RHD)
7 B (*15)
17 A (*12)
L (*15)
W (*15)
W (*15)
W–B
BR (*15)
L
P
G
79
78
69
E59 Junction Connector
4
1
E62 Junction Connector
7 A (*28)
11 B (*29)
13 A (*28)
13 B (*29)
E67(A), E115(B) Junction Connector
63
43
E59 Junction Connector
19
29
E61 Junction Connector
15 FE4
1 FE3
23 EK2
22 FL2
21 FL2
1
K2 Front Door Courtesy Light Switch Assembly LH
K3 Rear Door Courtesy Light Switch Assembly LH
L1 Front Door Courtesy Light Switch Assembly RH
L2 Rear Door Courtesy Light Switch Assembly RH
E1
E2

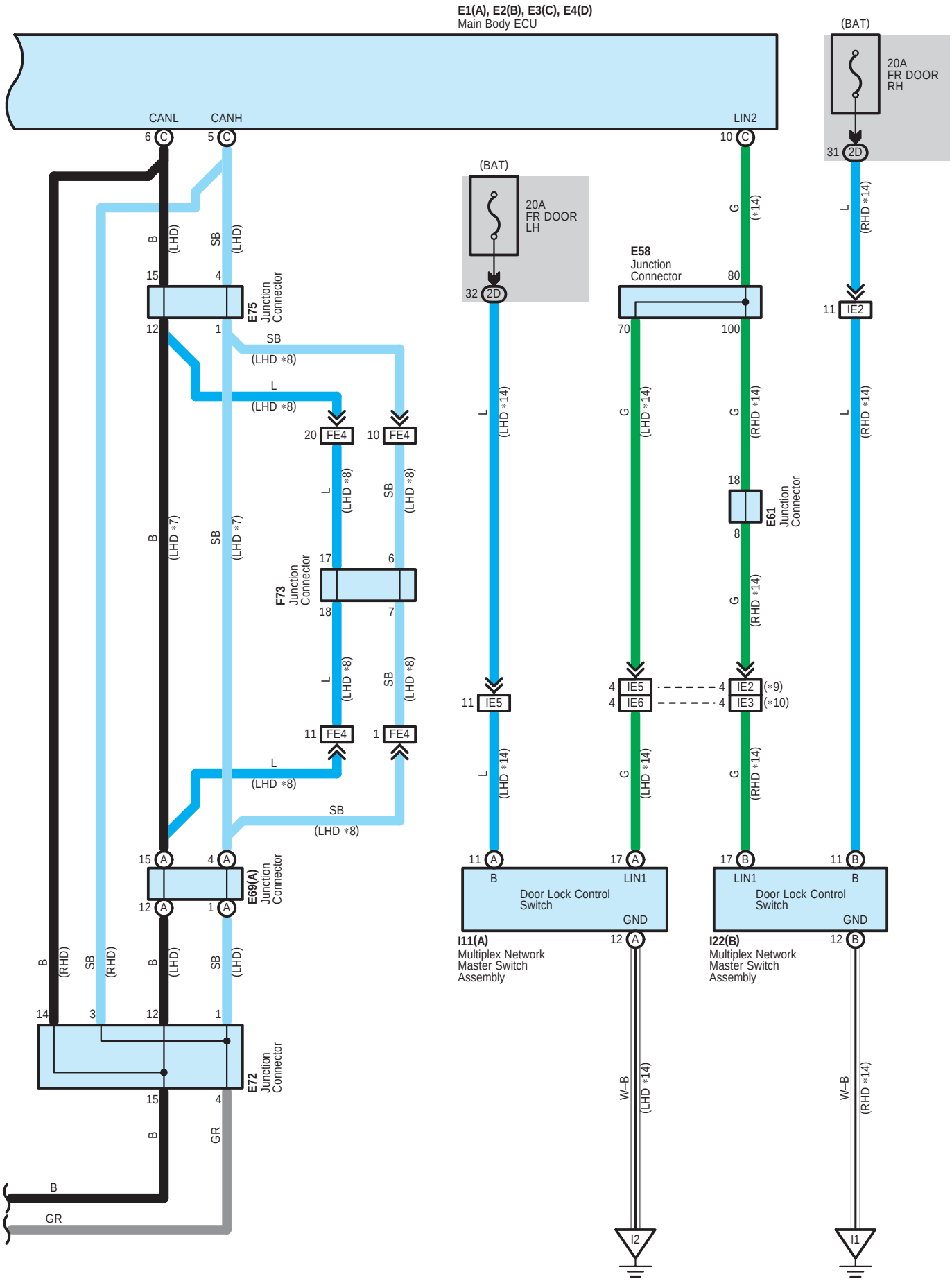

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
L1
UL1
KSW
9
12
5
D
49 2D
52 2D
BR
(*12)
10
E63
Junction Connector
8
(IG)
5A
ECU–IG
No. 1
56 2D
BE
(LHD *11)
W
(LHD *11)
BE
(RHD *11)
W
(RHD *11)
18 IE6
17 IE6
18 IE3
17 IE3
R
(*27)
G
(*27)
G
44
E61
Junction Connector
74
G
42
E60
Junction Connector
62
G
44
E59
Junction Connector
4
G
3 IE3
G
1
13 IE3
12 IE3
R
(*27)
G
(*27)
2
9
2
8
L
UL
Lock
Unlock
E
I31
Multiplex Network Master Switch Assembly
I26
Multiplex Network Master Switch Assembly
B
(*12)
1
UN+
UN–
E94
Un–Lock Warning Switch Assembly
2
W–B
(*12)
1
4
2
ILL+
L
UL
Lock
Unlock
E
I33
Front Door Control Switch Assembly RH
3
W–B
W–B
(LHD *11)
W–B
(RHD *11)
W–B
(LHD *12)
W–B
(RHD *12)
I1
I2
I1
E1
E3


E1(A), E2(B), E3(C), E4(D)
Main Body ECU
ACTD
LSWD
UL3
L2
LSWP
ACT+
5 A
9 A
10 A
10
53 2D
27 B
1
3 2D
B (RHD)
B (LHD)
BE (RHD)
BE
(RHD)
Y(LHD)
L
16 IE3
BE (LHD)
Y (LHD)
LG (LHD)
L (RHD)
LG (RHD)
16 IE6
14 IE6
15 IE6
8 IE6
14 IE3
15 IE3
8 IE3
8 A 10 A 9 A 4 A (*1)
8 B 10 B 9 B 4 B (*2)
5 A 6 A 7 A 2 A (*1)
5 B 6 B 7 B 4 B (*2)
LSSR
UL
L
Unlock Detection
Key Unlock
Key Lock
M
E
I14(A), (B)
Front Door Lock Assembly LH
I6(A), (B)
Front Door Lock Assembly RH
7 A 3 A (*1)
7 B 1 B (*2)
8 A 1 A (*1)
8 B 1 B (*2)
W–B
B
9 IE6
9 IE3
B(RHD)
B(LHD)
I2
I1
* 1 : w/ Double Locking
* 2 : w/o Double Locking
*11 : Driver' s Door Only Jam Protection
*12 : w/o Entry & Start System
*27 : w/ Front Passenger' s Side Door Control Switch

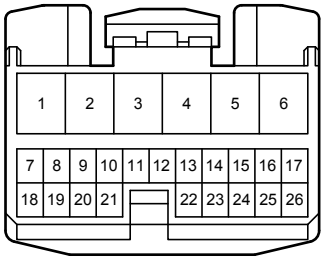

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
LSWL
ACT–
20
3
23 2C
24 2C
1 2C
2 2D
L
B
L
B
B (*10)
L (*10)
L
L
L
B
BE
L
L
L
L
B
B
9 JK1
18 JK1
16 JK1
5
6
13
14
7
2
1
E106 Junction Connector
E106 Junction Connector
2 A – – 5 A (*1)
4 B – – 6 B (*2)
L
LSSR
M
Unlock Detection
UL
E
J13(A), (B) Rear Door Lock Assembly LH
1 A – – 10 A (*1)
1 B – – 9 B (*2)
W–B
B
(LHD)
B
(RHD)
B(LHD)
B(RHD)
10 JK1
W–B
K1
* 1 : w/ Double Locking
* 2 : w/o Double Locking
* 9 : Liftgate Type
*10 : Swing Type
*19 : w/ Power Back Door
*20 : w/o Power Back Door


E1(A), E2(B), E3(C), E4(D)
Main Body ECU
LSWB
LSWR
BCTY
2 B
5 B
25 B
LG (*10)
18 EK2
BE
W
20 EK2
W (*9)
W (*10)
13 SK1
9 WK2
B (*10)
L (*10)
L
B
B
L
W (*9 *19)
W (*9 *20)
W (*10)
3
CTY
Courtesy
E
4
S22 Back Door Lock Assembly
+
ACT–
1
S1 Back Door Lock Assembly
2
E
1
W3 Back Door Courtesy Light Switch Assembly
40 EL1
41 EL1
38 EL1
B
L
BE
4 WK1
5 WK1
1 WK2
18 JL1
9 JL1
16 JL1
L (*10)
B (*10)
LG (*10)
L
BE
LA (*9 *20)
4
S27 Junction Connector
7
4 A
4 B
9 A (*1)
6 B (*2)
L
LSSR
M
Unlock Detection
UL
E
J6(A), (B) Rear Door Lock Assembly RH
3 A
1 B
10 A (*1)
9 B (*2)
LA
W–B (*9 *19)
12
5
S15 Junction Connector
4
LA–L (*9)
2
ACT+
ACT–
S
M
E
W1 Back Door Lock Assembly
4
W–B (*10)
6 WK2
10 JL1
5 SK1
8 WK2
W–B (*9)
W–B (*10)
W–B
W–B
W–B
K1
K2
L1
K2
K1

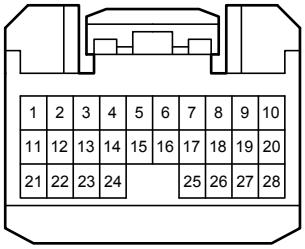

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
DBKL
7 A
∗ 3 : w/ Curtain Shield Airbag
∗ 4 : w/o Curtain Shield Airbag
∗ 7 : w/ VSC
∗ 8 : w/o VSC
∗ 9 : Liftgate Type
∗10 : Swing Type
∗13 : w/o SRS
∗14 : All Door Jam Protection
B (LHD ∗13)
B (RHD ∗13)
11 EK2
35 EL1
B (LHD ∗13)
B (RHD ∗13)
12
12
K43 Front Seat Inner Belt Assembly LH
L49 Front Seat Inner Belt Assembly RH
9
9
W–B (LHD ∗13)
W–B (RHD ∗13)
K1
L1
E47(A), K27(B), K32(D), L27(C), L38(E)
Center Airbag Sensor Assembly
RBE+
RBE–
LBE+
LBE–
CANH
CANL
15 C
15 E
23 C
14 E
10 B
11 D
18 B (∗3)
12 D (∗4)
13 A
22 A
G (RHD)
BR (RHD)
G (LHD)
BR (LHD)
GR
B
4 EE1
5 EE1
6
7
6
7
RBE+
RBE–
LBE+
LBE–
Buckle Switch
Buckle Switch
L33
Front Seat Inner Belt Assembly RH
K10
Front Seat Inner Belt Assembly LH
B
GR


E1(A), E2(B), E3(C), E4(D)
Main Body ECU
CANL
CANH
LIN2
(BAT)
20A
FR DOOR
RH
20A
FR DOOR
LH
E75
Junction
Connector
E58
Junction
Connector
E61
Junction
Connector
F73
Junction
Connector
E69(A)
Junction
Connector
E72
Junction
Connector
Door Lock Control
Switch
I11(A)
Multiplex Network
Master Switch
Assembly
I22(B)
Multiplex Network
Master Switch
Assembly
GND
LIN1
W–B
(LHD *14)
(RHD *14)
(LHD *8)
(LHD *7)
(*9)
(*10)

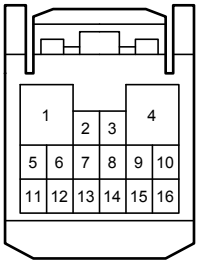
E 1
White



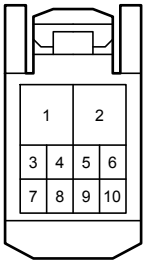
E 2
White



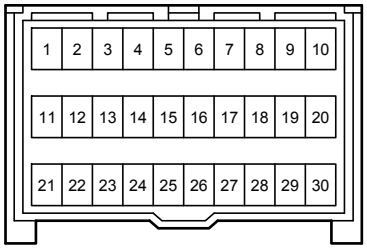
E 3
White



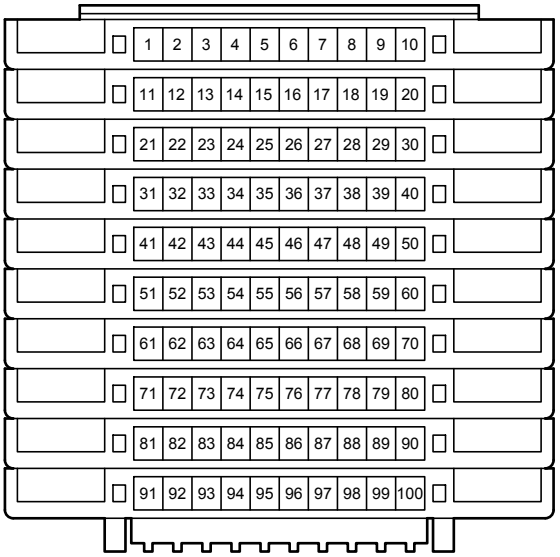
E 4
White



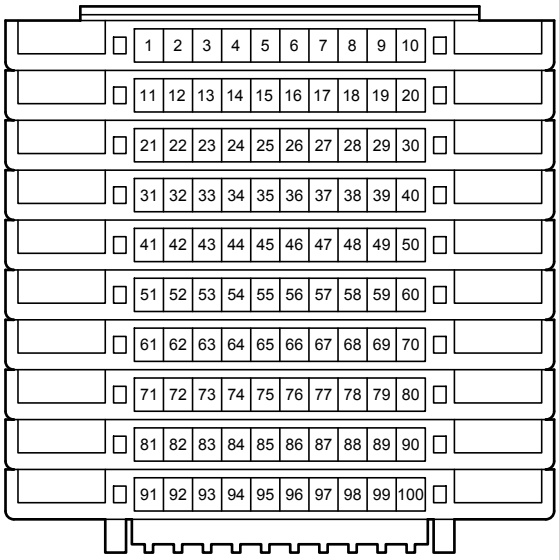
E 47
Yellow



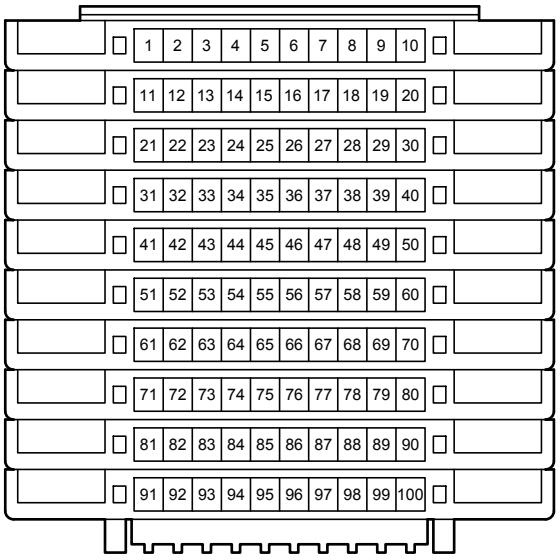
E 58



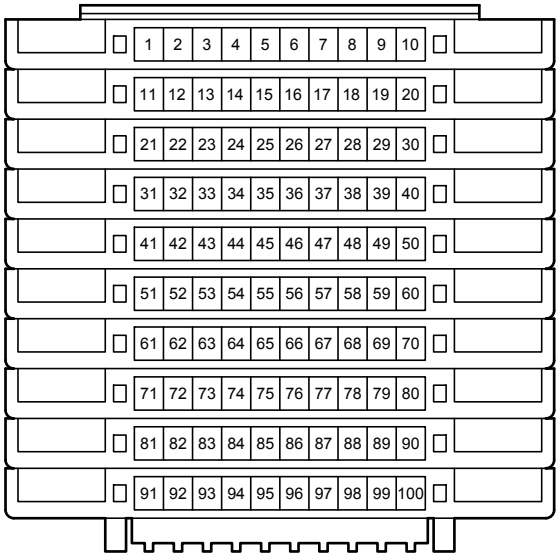
E 59



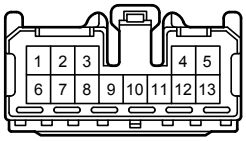
E 60



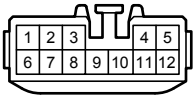
E 61



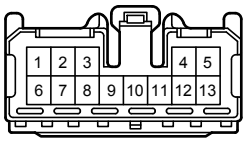
E 62
White



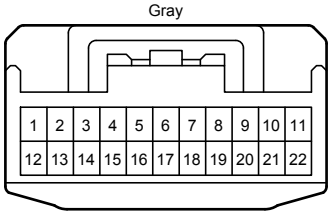
E 63
Gray



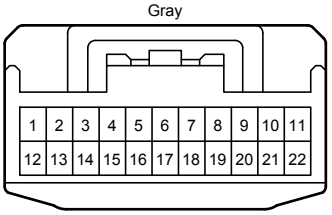
E 67
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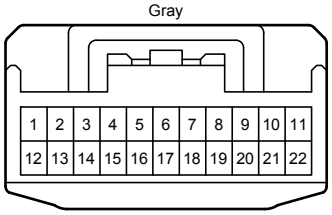
E 69
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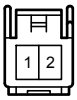
E 72
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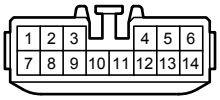
E 75
Gray



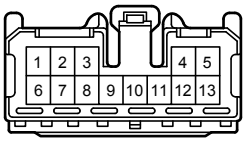
E 94
White



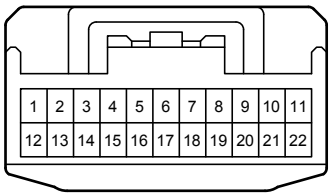
E106
White



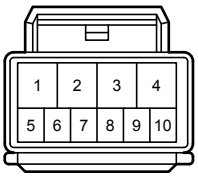
E115
White



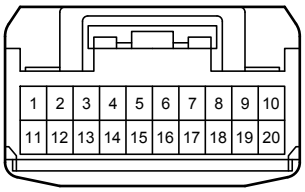
F 73
Blue



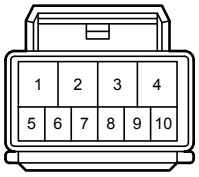
I 6
White



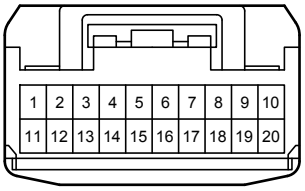
I 11
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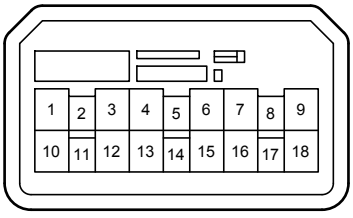
I 14
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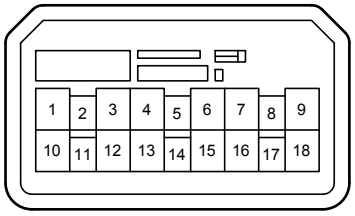
I 22
White



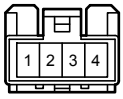
I 26
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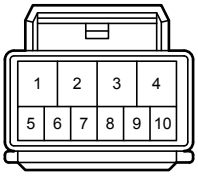
I 31
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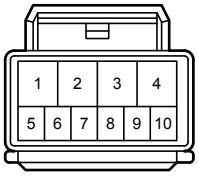
I 33
Blue



J 6
White



J 13
White



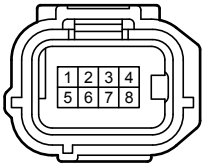
K 2
White



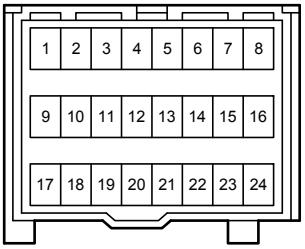
K 3
White



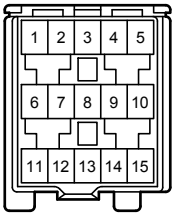
K 10
Gray



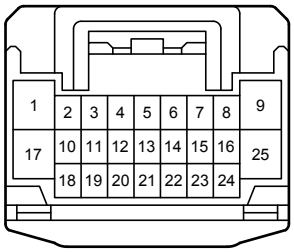
K 27
Yellow



K 32
Yellow



K 43
White



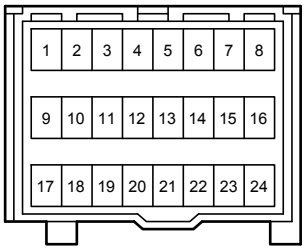
L 1
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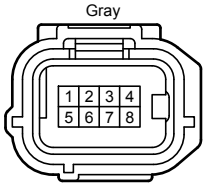
L 2
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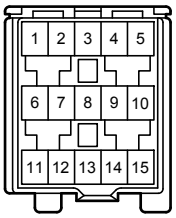
L 27
Yellow



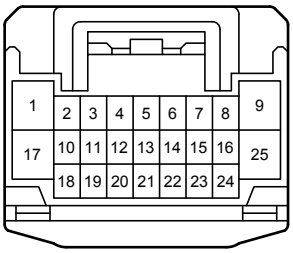
L 33
Gray



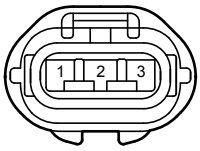
L 38
Yellow



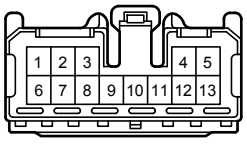
L 49
White



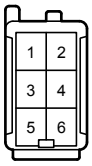
S 1
Black



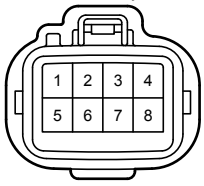
S 15
White



S 22
Black



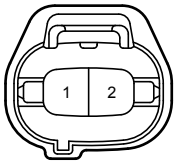
S 27
Dark Gray



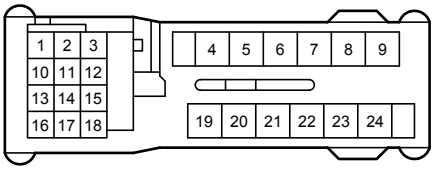
W 1
White



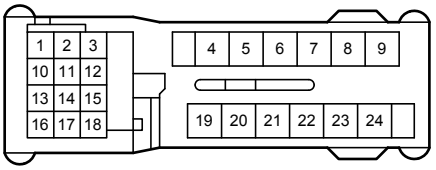
W 3
Blue

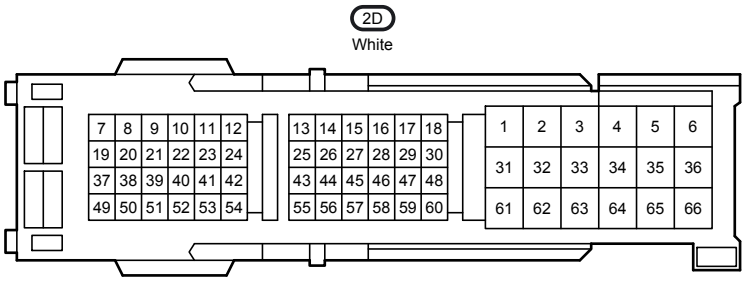


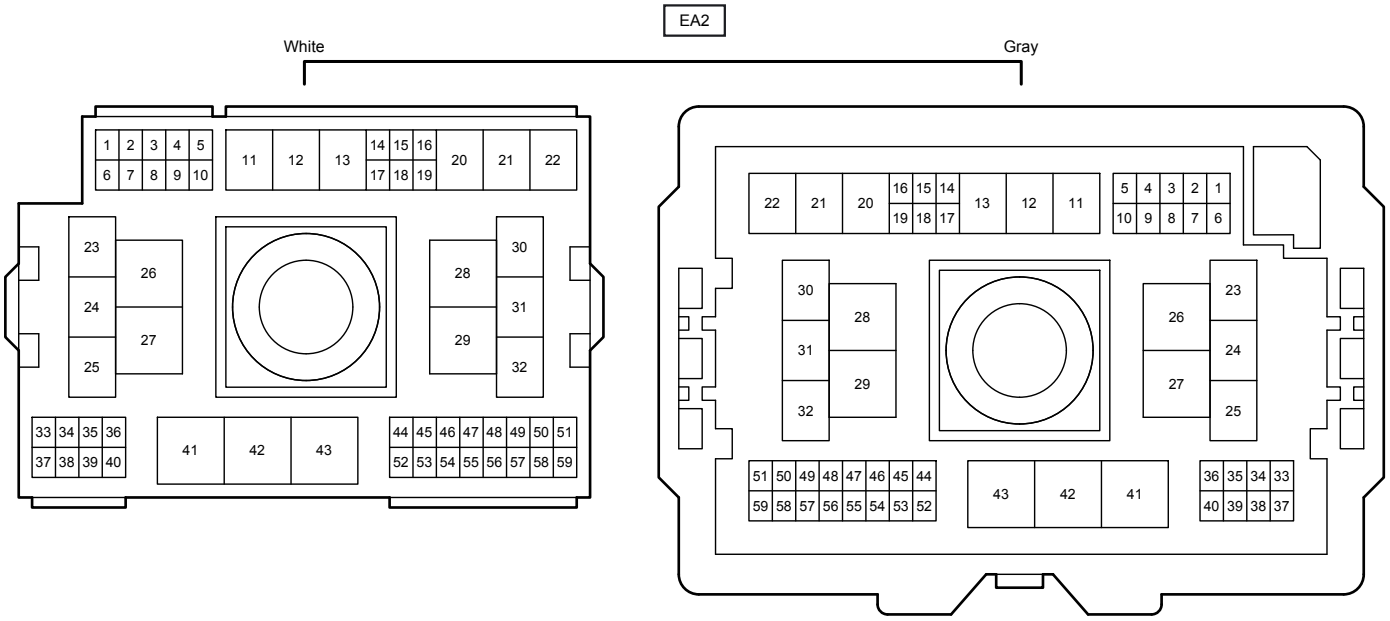
2B
White

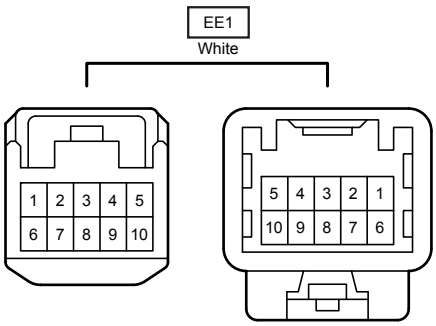


2C
White

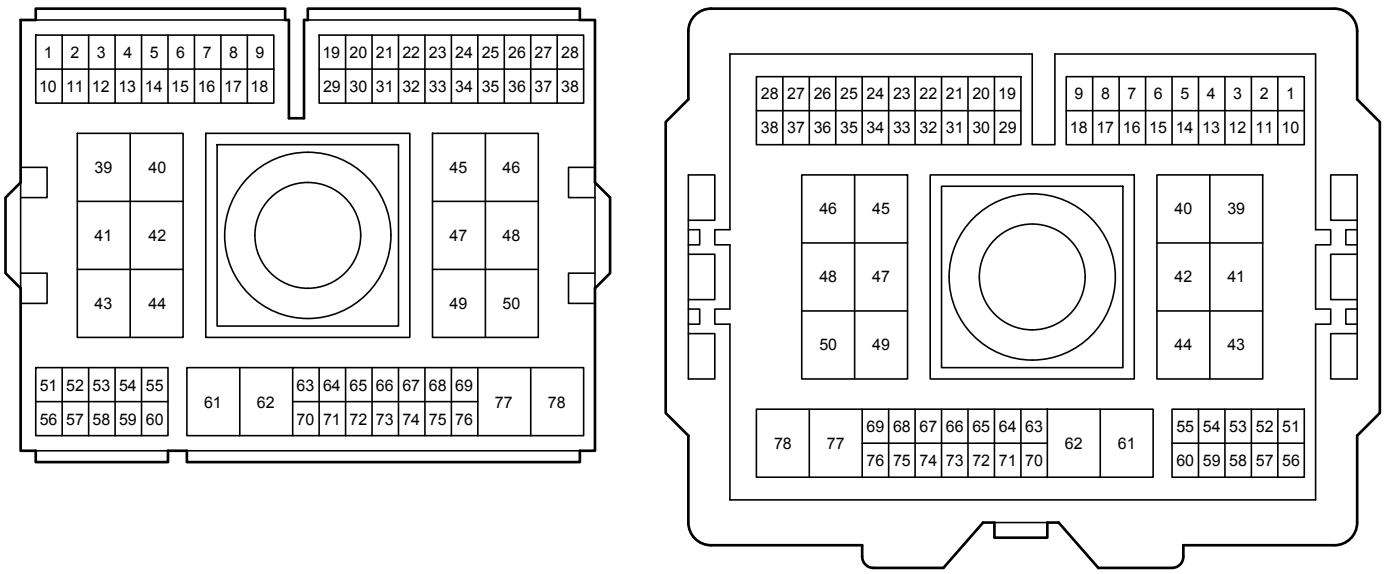



2D
White
7 8 9 10 11 12
19 20 21 22 23 24
37 38 39 40 41 42
49 50 51 52 53 54
13 14 15 16 17 18
25 26 27 28 29 30
43 44 45 46 47 48
55 56 57 58 59 60
1 2 3 4 5 6
31 32 33 34 35 36
61 62 63 64 65 66

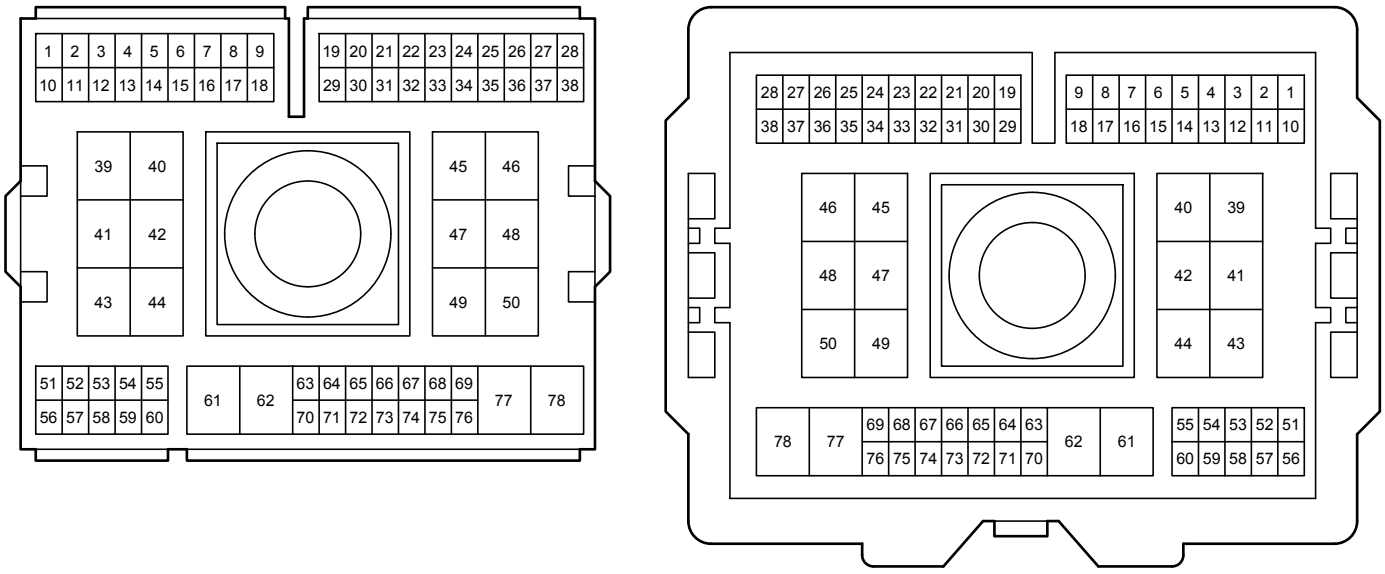

EA2
White
Gray
1 2 3 4 5
6 7 8 9 10
11 12 13
14 15 16
17 18 19
20 21 22
23 24 25 26 27
28 29 30 31 32
33 34 35 36
37 38 39 40
41 42 43
44 45 46 47 48 49 50 51
52 53 54 55 56 57 58 59
22 21 20
16 15 14
19 18 17
13 12 11
5 4 3 2 1
10 9 8 7 6
30 31 32 28 29
23 24 25 26 27
51 50 49 48 47 46 45 44
59 58 57 56 55 54 53 52
43 42 41
36 35 34 33
40 39 38 37


EE1
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

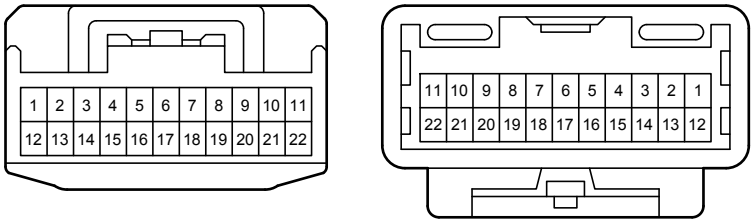
EK2
White



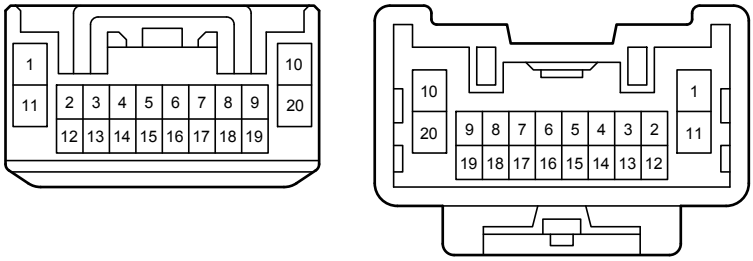
EL1
White



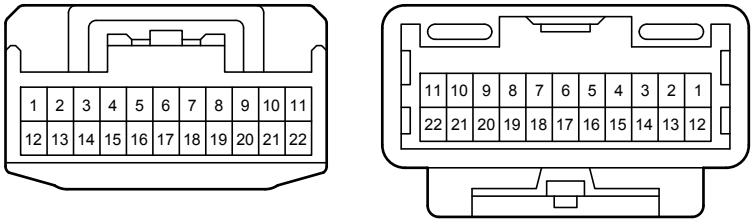
FE3
White



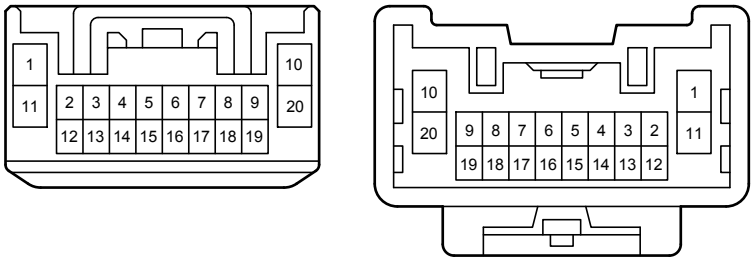
FE4
White



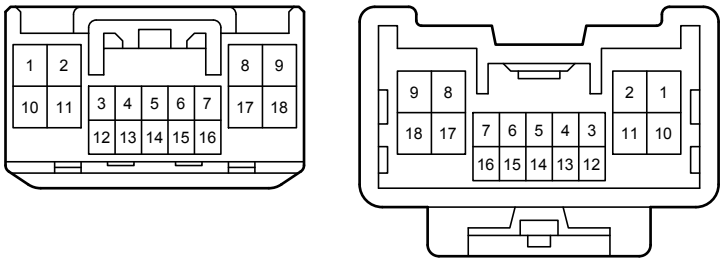
FL2
Blue



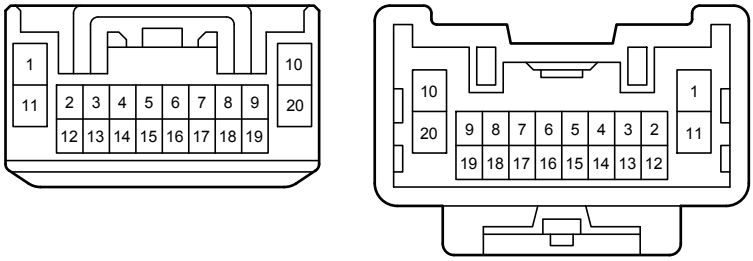
IE2
Blue



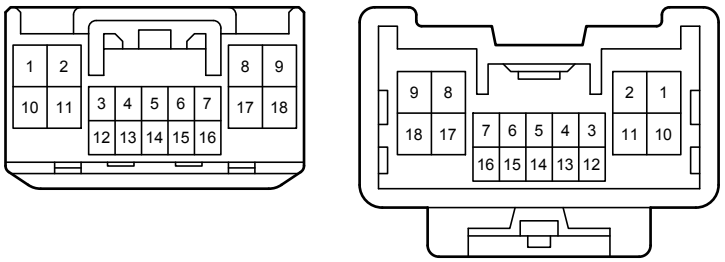
IE3
White



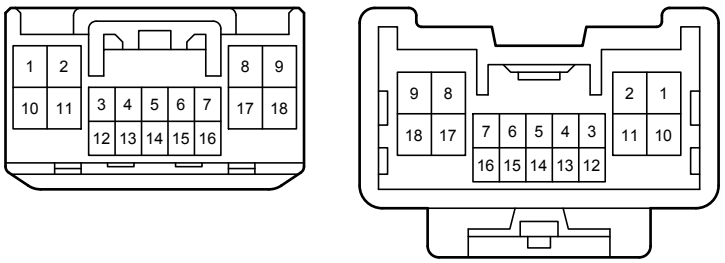
IE5
Blue



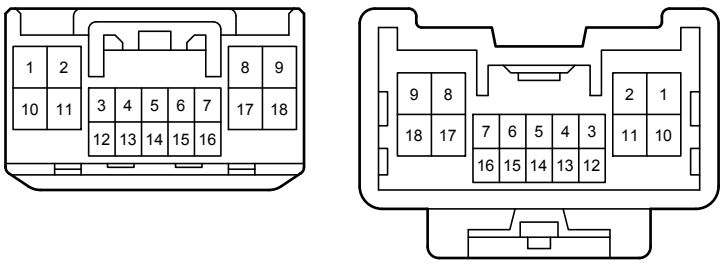
IE6
White

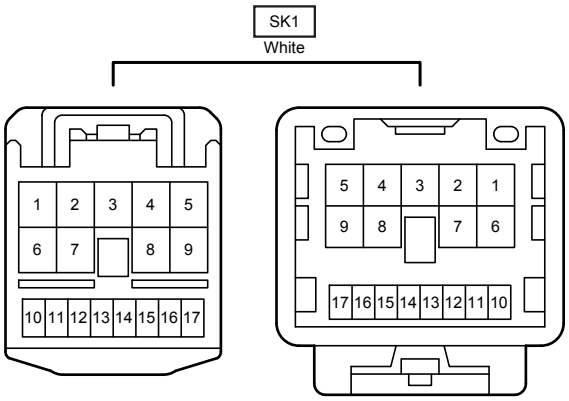


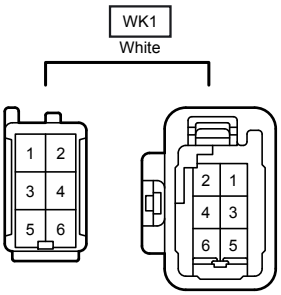
JK1
White

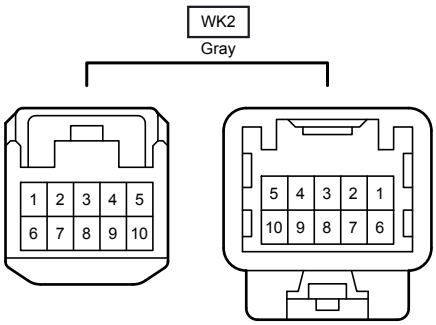


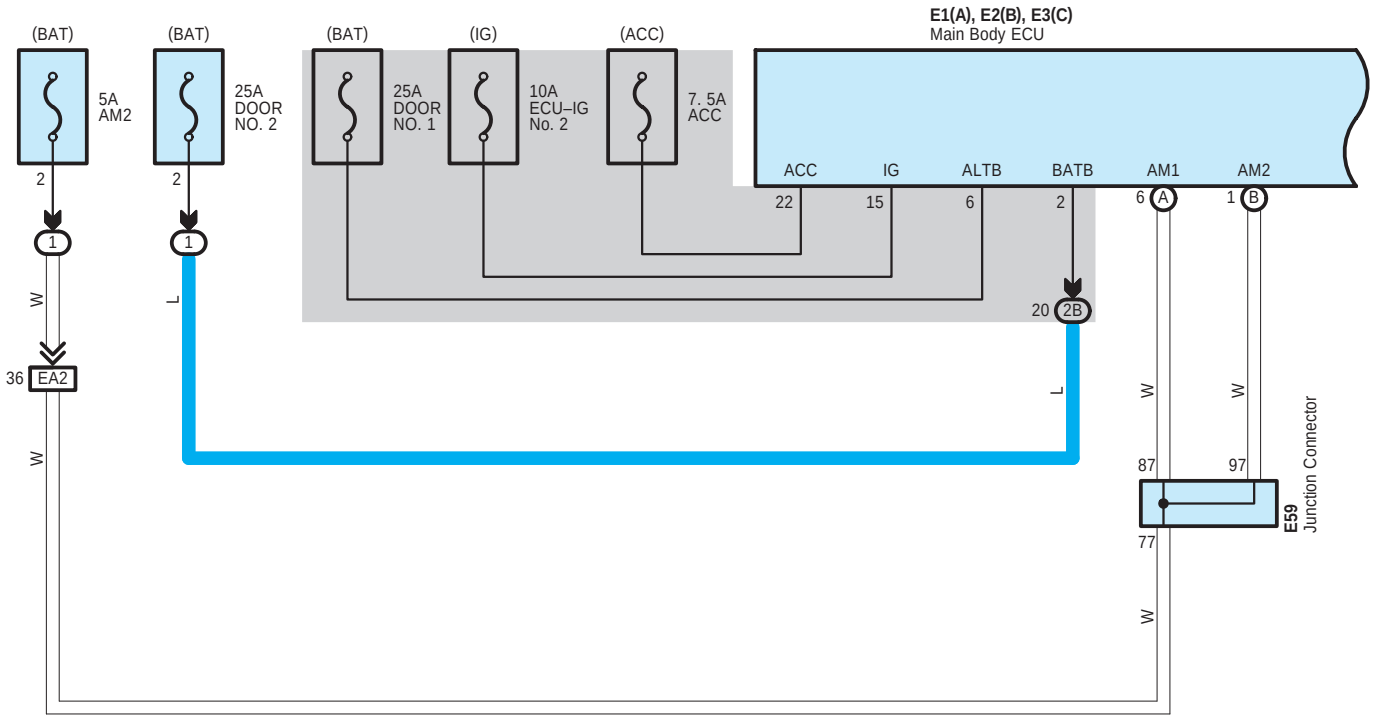
JL1
White



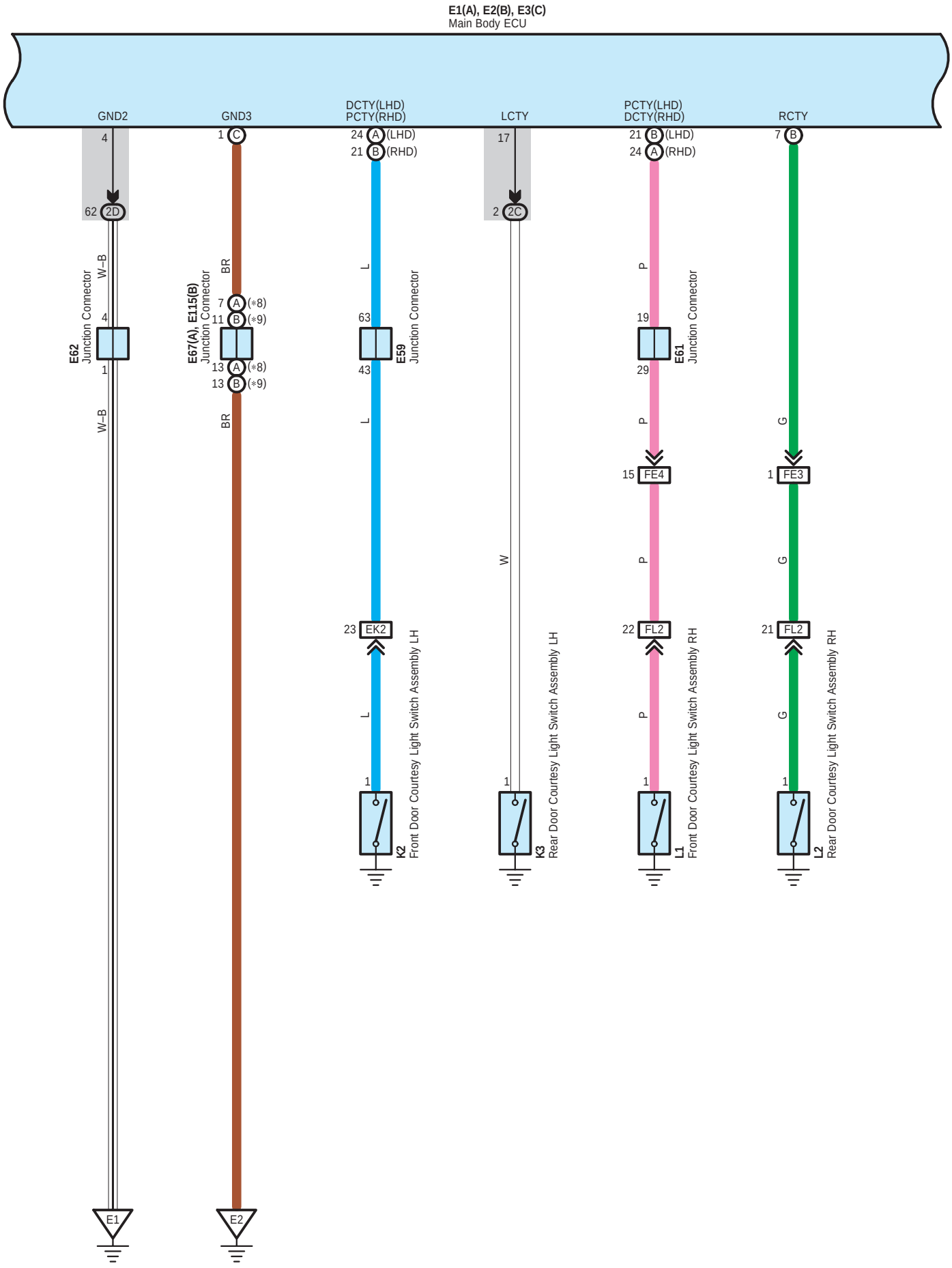

SK1
White
1 2 3 4 5
6 7 8 9
10 11 12 13 14 15 16 17
5 4 3 2 1
9 8 7 6
17 16 15 14 13 12 11 10

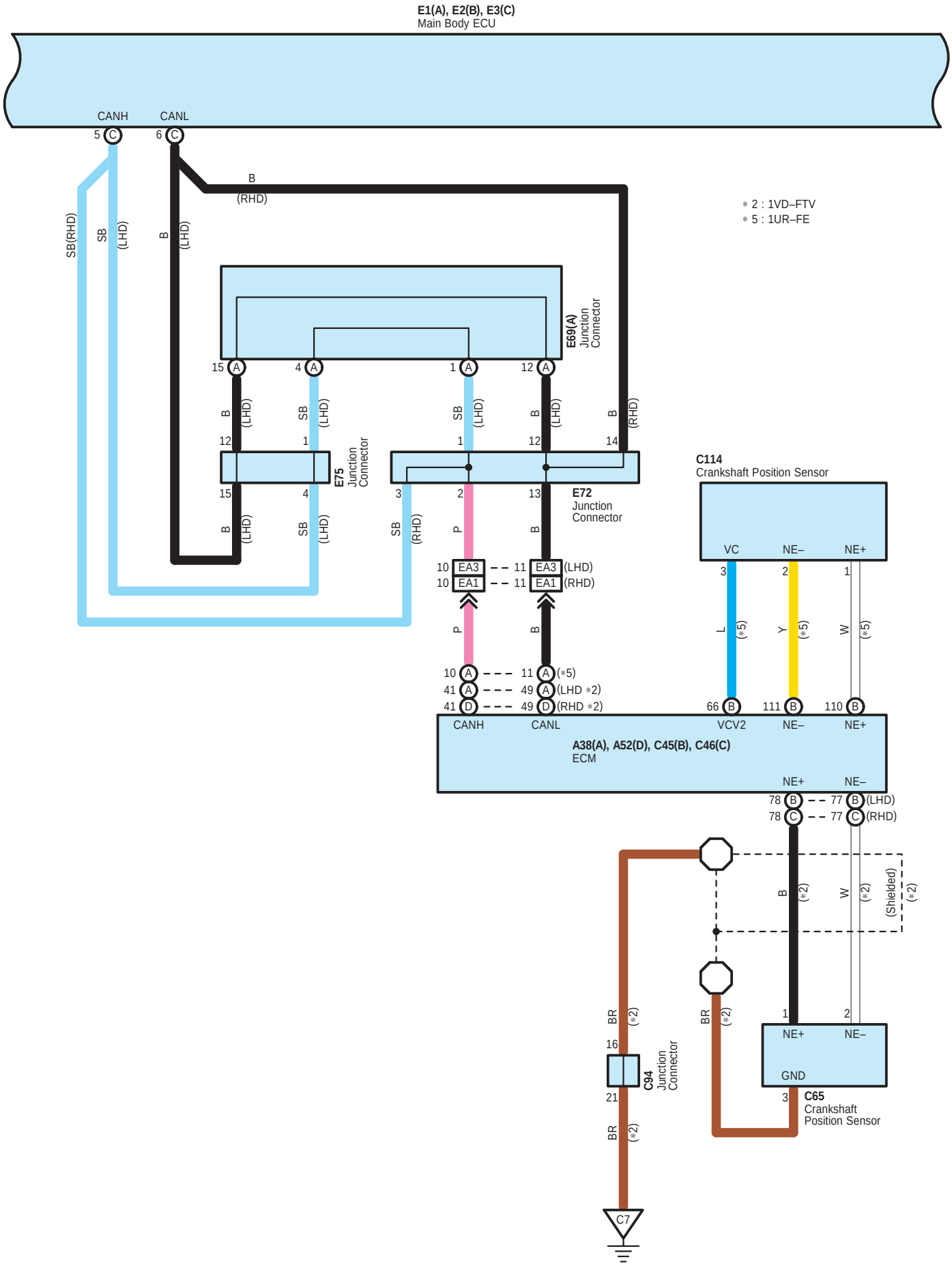

WK1
White
1 2
3 4
5 6
2 1
4 3
6 5

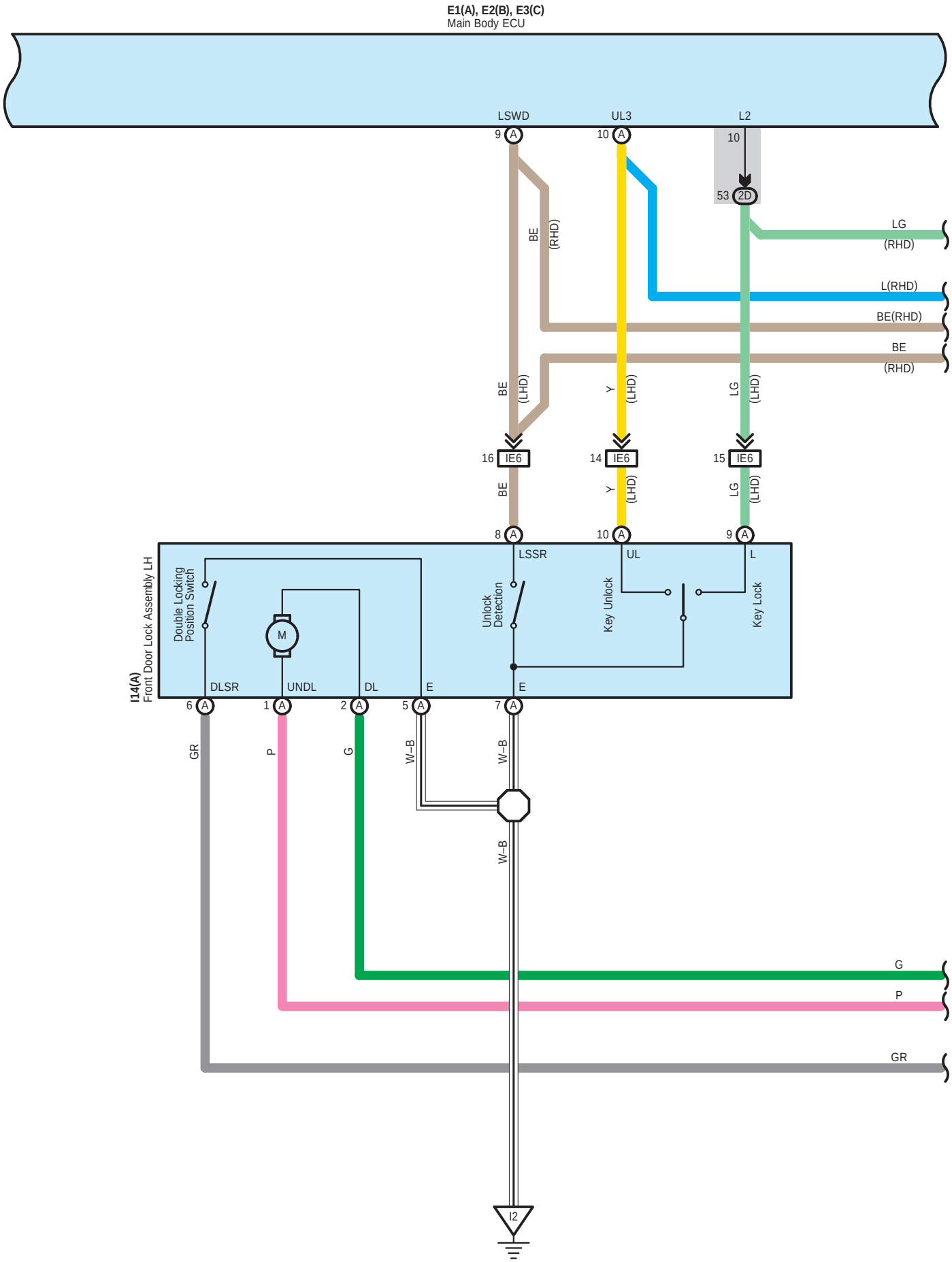

WK2
Gray
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

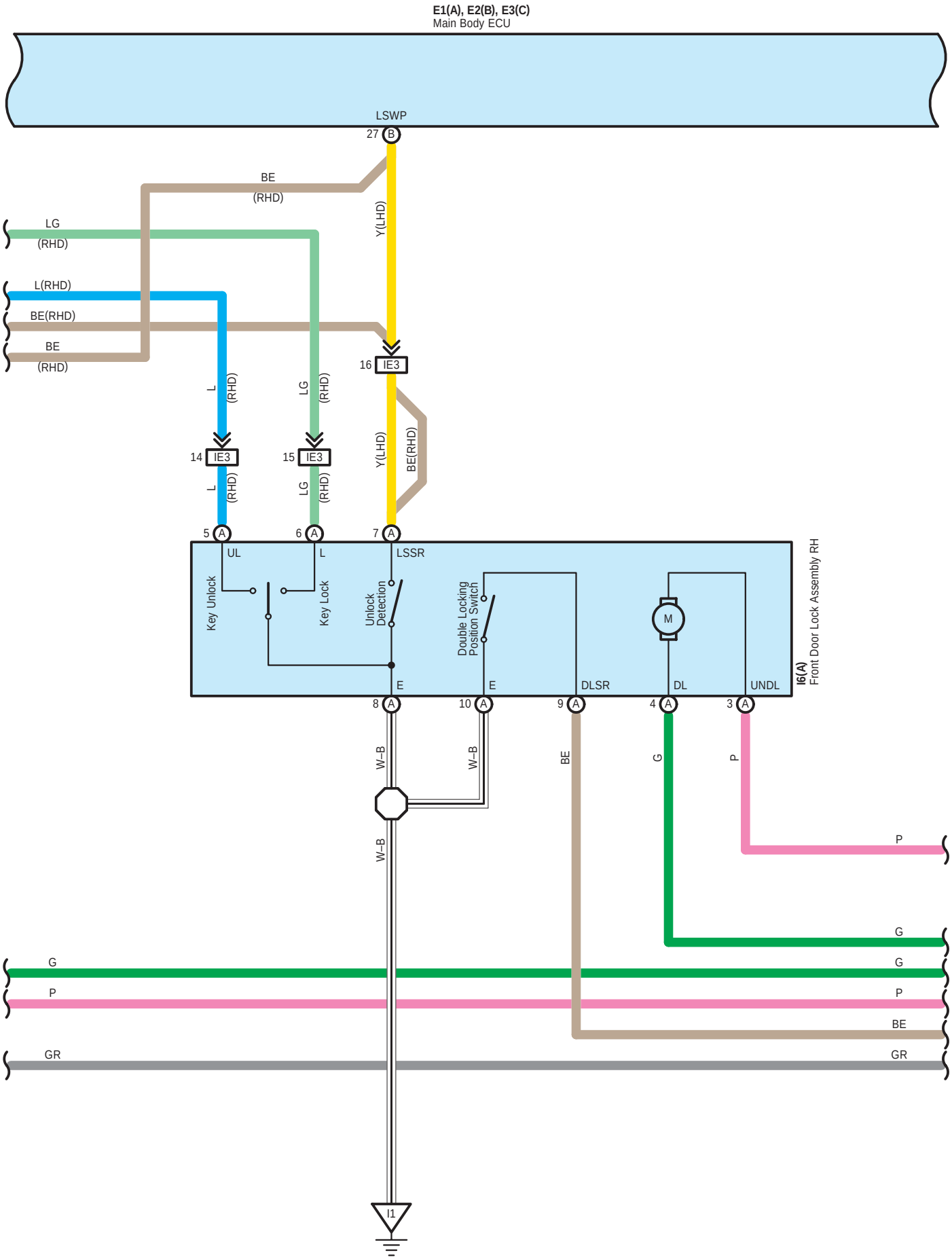


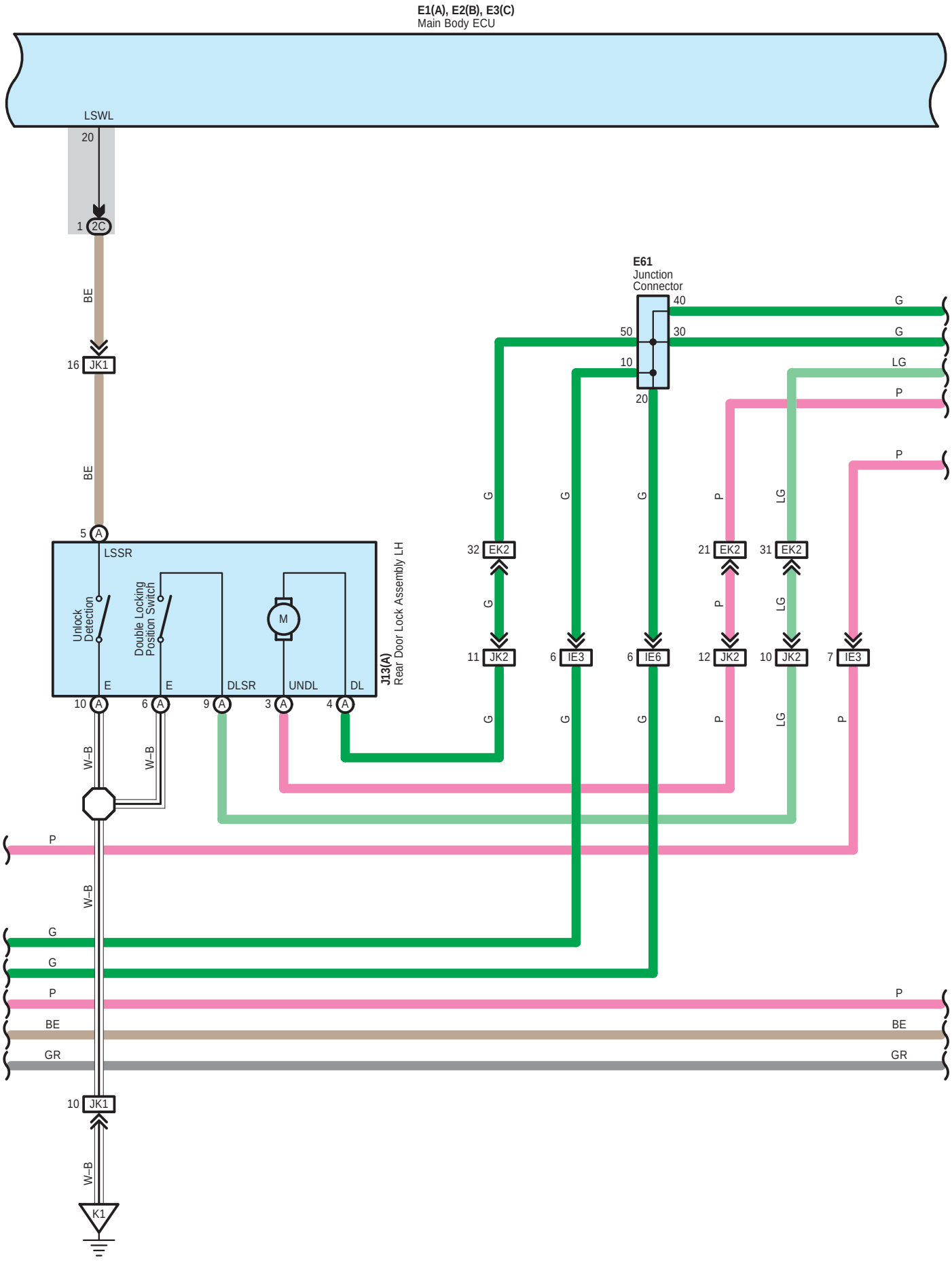
∗ 8 : LHD Before Aug. 2013 Production, RHD
∗ 9 : LHD From Aug. 2013 Production

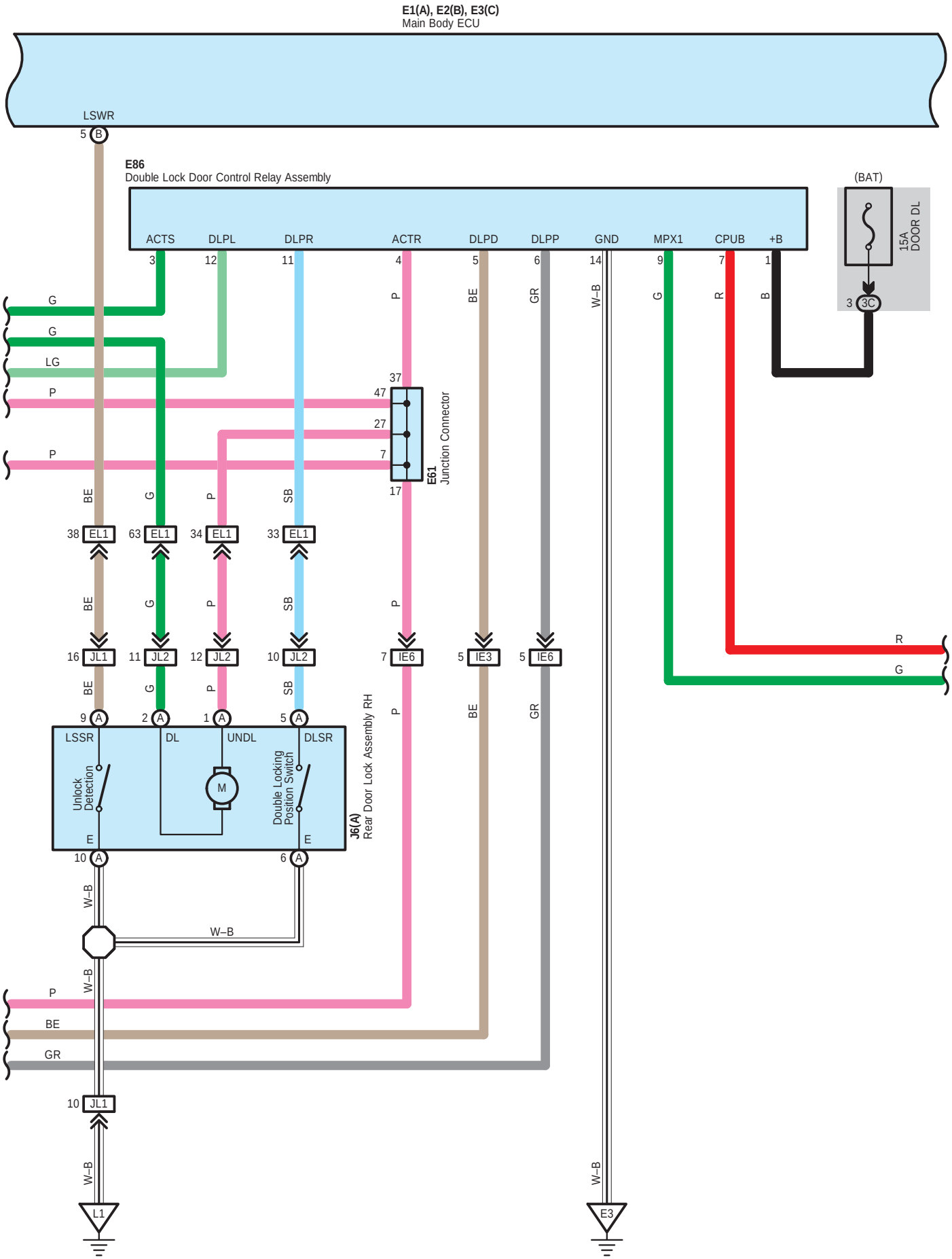

E1(A), E2(B), E3(C)
Main Body ECU
GND2
GND3
DCTY(LHD)
PCTY(RHD)
LCTY
PCTY(LHD)
DCTY(RHD)
RCTY
4
62 2D
1 C
24 A (LHD)
21 B (RHD)
17
2 2C
21 B (LHD)
24 A (RHD)
7 B
W–B
BR
L
P
G
E62
Junction Connector
E67(A), E115(B)
Junction Connector
E59
Junction Connector
E61
Junction Connector
7 A (*8)
11 B (*9)
13 A (*8)
13 B (*9)
63
43
19
29
15 FE4
1 FE3
23 EK2
22 FL2
21 FL2
W
K2
Front Door Courtesy Light Switch Assembly LH
K3
Rear Door Courtesy Light Switch Assembly LH
L1
Front Door Courtesy Light Switch Assembly RH
L2
Rear Door Courtesy Light Switch Assembly RH
E1
E2

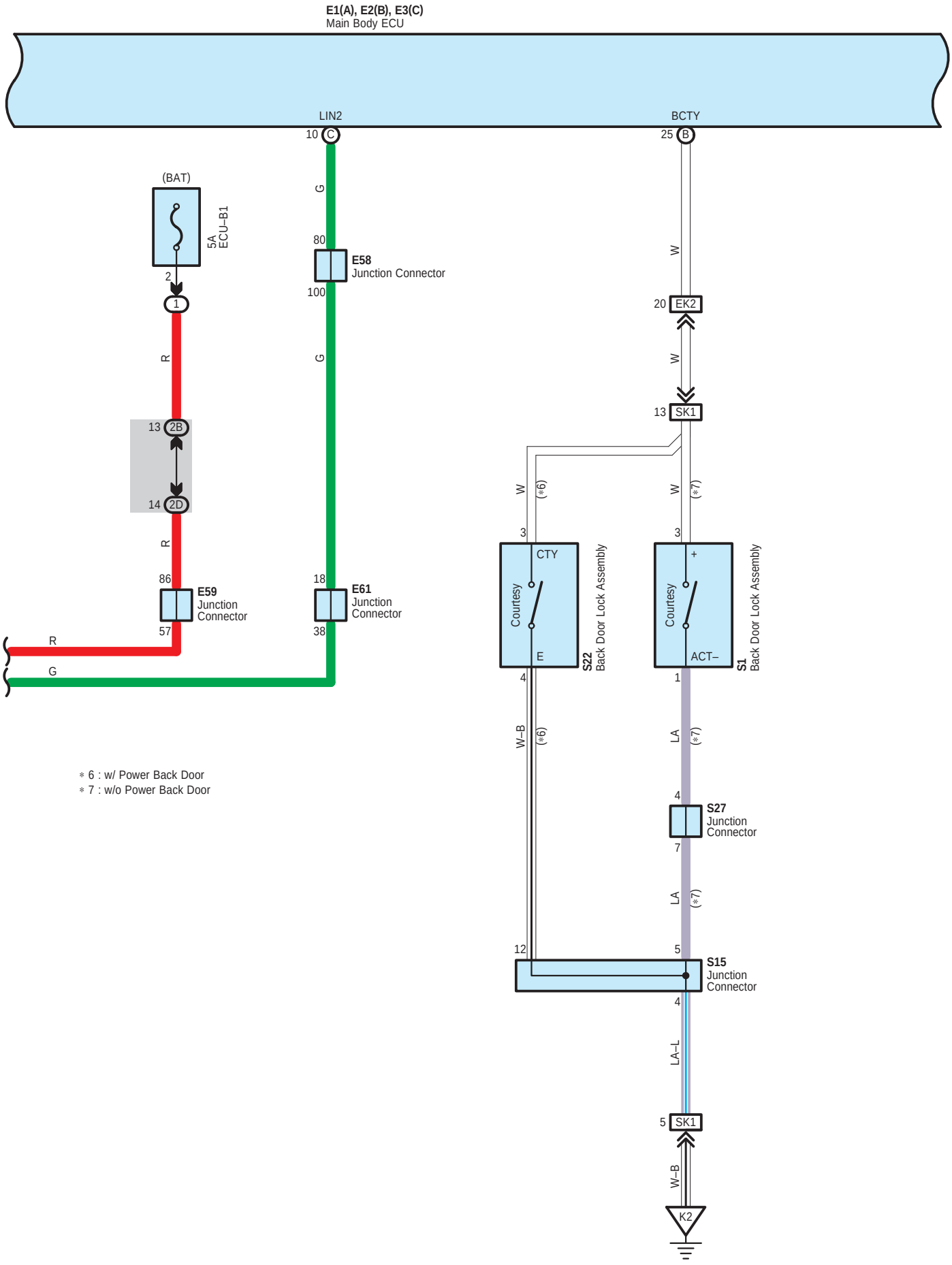

E1(A), E2(B), E3(C)
Main Body ECU
CANH
CANL
5 C
6 C
B
(RHD)
SB(RHD)
SB
(LHD)
B
(LHD)
∗ 2 : 1VD–FTV
∗ 5 : 1UR–FE
E69(A)
Junction
Connector
15 A
4 A
1 A
12 A
B
(LHD)
SB
(LHD)
SB
(LHD)
B
(LHD)
B
(RHD)
12
1
1
12
14
E75
Junction
Connector
15
4
3
2
13
E72
Junction
Connector
B
(LHD)
SB
(LHD)
SB
(RHD)
P
B
10 EA3
10 EA1
11 EA3
11 EA1
(LHD)
(RHD)
P
B
10 A
41 A
41 D
11 A
49 A
49 D
(∗5)
(LHD ∗2)
(RHD ∗2)
C114
Crankshaft Position Sensor
VC
NE–
NE+
3
2
1
L
(∗5)
Y
(∗5)
W
(∗5)
66 B
111 B
110 B
CANH
CANL
VCV2
NE–
NE+
A38(A), A52(D), C45(B), C46(C)
ECM
NE+
NE–
78 B
78 C
77 B
77 C
(LHD)
(RHD)
B
(∗2)
W
(∗2)
(Shielded)
(∗2)
BR
(∗2)
16
21
C94
Junction
Connector
BR
(∗2)
BR
(∗2)
1
2
NE+
NE–
GND
3
C65
Crankshaft
Position Sensor
C7


E1(A), E2(B), E3(C)
Main Body ECU
LSWD
UL3
L2
9 A
10 A
10
53 2D
BE
(RHD)
LG
(RHD)
L(RHD)
BE(RHD)
BE
(RHD)
BE
(LHD)
Y
(LHD)
LG
(LHD)
16 IE6
14 IE6
15 IE6
BE
Y
(LHD)
LG
(LHD)
8 A
10 A
9 A
LSSR
UL
L
I14(A)
Front Door Lock Assembly LH
Double Locking
Position Switch
M
Unlock
Detection
Key Unlock
Key Lock
DLSR
UNDL
DL
E
E
6 A
1 A
2 A
5 A
7 A
GR
P
G
W–B
W–B
W–B
G
P
GR
I2

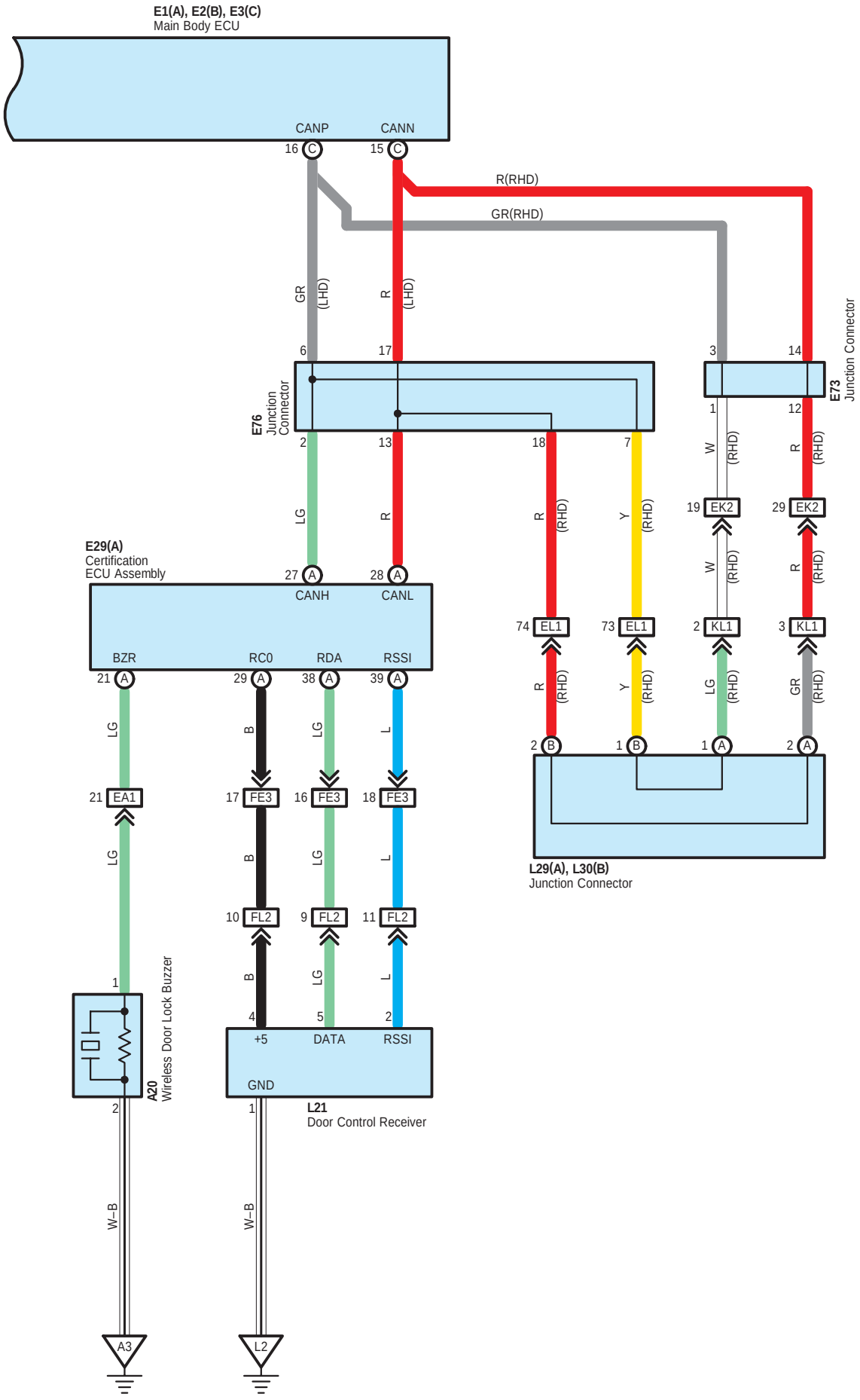

E1(A), E2(B), E3(C)
Main Body ECU
LSWP
27 B
BE
(RHD)
LG
(RHD)
L(RHD)
BE(RHD)
BE
(RHD)
Y(LHD)
16 IE3
L (RHD)
LG (RHD)
14 IE3
15 IE3
Y(LHD)
BE(RHD)
L (RHD)
LG (RHD)
5 A
6 A
7 A
UL
L
LSSR
Key Unlock
Key Lock
Unlock Detection
Double Locking Position Switch
M
E
E
DLSR
DL
UNDL
I6(A)
Front Door Lock Assembly RH
8 A
10 A
9 A
4 A
3 A
W–B
W–B
BE
G
P
W–B
P
G
G
P
BE
GR
GR
I1


E1(A), E2(B), E3(C)
Main Body ECU
LSWL
20
1 2C
BE
16 JK1
BE
5 A
LSSR
Unlock Detection
Double Locking Position Switch
M
E
E
DLSR
UNDL
DL
10 A
6 A
9 A
3 A
4 A
J113(A)
Rear Door Lock Assembly LH
W–B
W–B
W–B
E61
Junction Connector
40
50
30
10
20
G
G
LG
P
P
32 EK2
21 EK2
31 EK2
11 JK2
6 IE3
6 IE6
12 JK2
10 JK2
7 IE3
P
G
G
P
BE
GR
10 JK1
W–B
K1

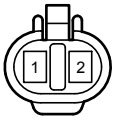

E1(A), E2(B), E3(C)
Main Body ECU
LSWR
5 B
E86
Double Lock Door Control Relay Assembly
(BAT)
15A DOOR DL
3 3C
ACTS
DLPL
DLPR
ACTR
DLPD
DLPP
GND
MPX1
CPUB
+B
3
12
11
4
5
6
14
9
7
1
G
G
LG
P
P
BE
G
P
SB
37
47
27
7
17
E61
Junction Connector
38 EL1
63 EL1
34 EL1
33 EL1
16 JL1
11 JL2
12 JL2
10 JL2
7 IE6
5 IE3
5 IE6
R
G
9 A
2 A
1 A
5 A
LSSR
DL
UNDL
DLSR
Unlock Detection
M
Double Locking Position Switch
E
E
10 A
6 A
J6(A)
Rear Door Lock Assembly RH
W–B
W–B
P
BE
GR
10 JL1
W–B
L1
W–B
E3



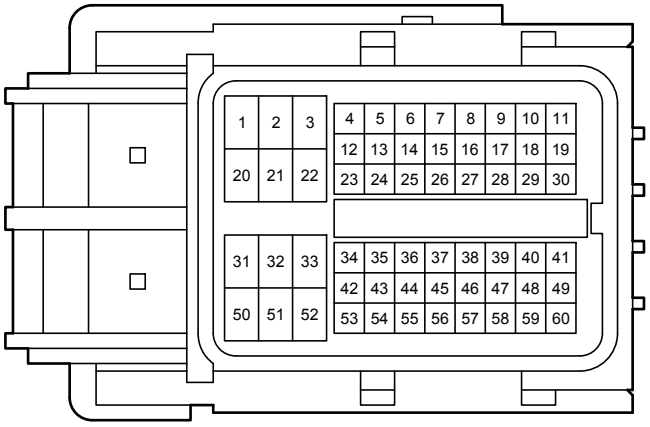
* 6 : w/ Power Back Door
* 7 : w/o Power Back Door


E1(A), E2(B), E3(C)
Main Body ECU
CANP
CANN
16
15
R(RHD)
GR(RHD)
GR (LHD)
R (LHD)
6
17
3
14
E76
Junction Connector
E73
Junction Connector
2
13
18
7
1
12
LG
R
R (RHD)
Y (RHD)
W (RHD)
R (RHD)
19 EK2
29 EK2
W (RHD)
R (RHD)
E29(A)
Certification
ECU Assembly
27 A
28 A
CANH
CANL
74 EL1
73 EL1
2 KL1
3 KL1
BZR
RC0
RDA
RSSI
21 A
29 A
38 A
39 A
R (RHD)
Y (RHD)
LG (RHD)
GR (RHD)
2 B
1 B
1 A
2 A
LG
B
LG
L
L29(A), L30(B)
Junction Connector
21 EA1
17 FE3
16 FE3
18 FE3
LG
B
LG
L
10 FL2
9 FL2
11 FL2
B
LG
L
1
4
5
2
A20
Wireless Door Lock Buzzer
+5
DATA
RSSI
GND
2
1
L21
Door Control Receiver
W–B
W–B
A3
L2

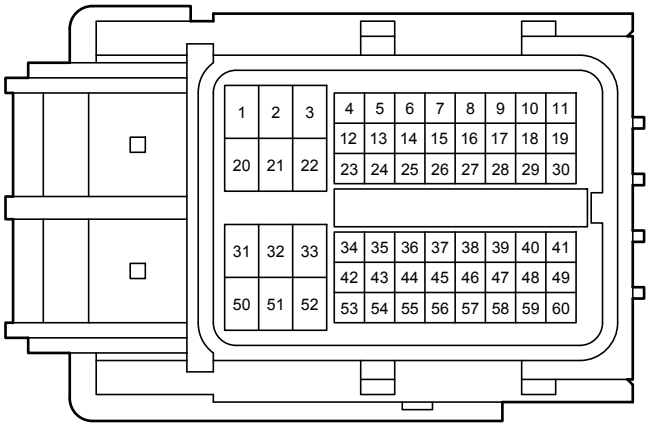
A 20
Black



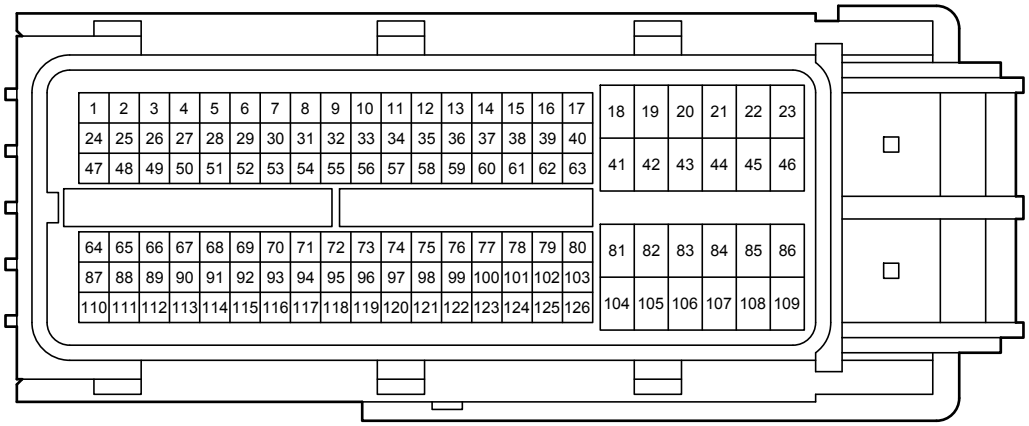
A 38
Black



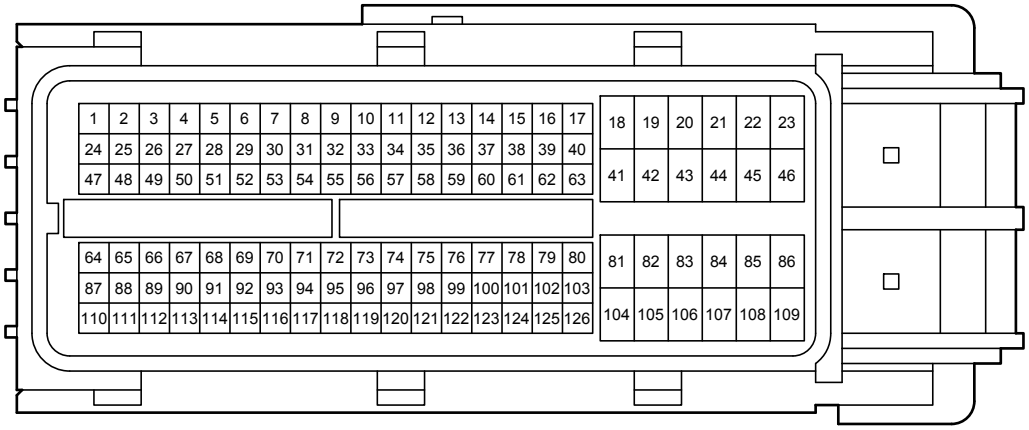
A 52
Black



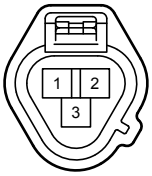
C 45
Black



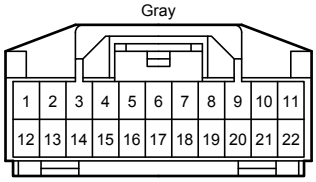
C 46
Black



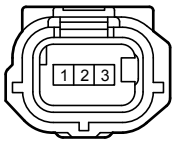
C 65
Black



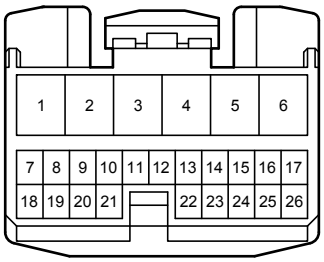
C 94
Gray



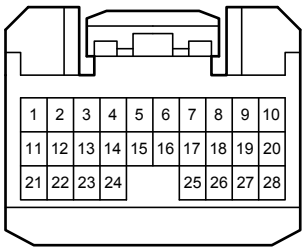
C114
Black



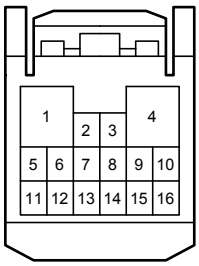
E 1
White



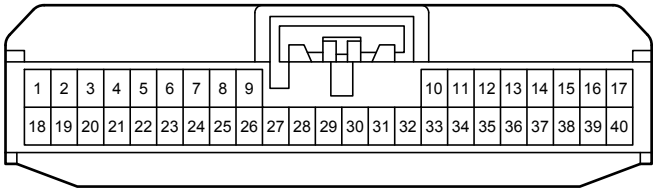
E 2
White



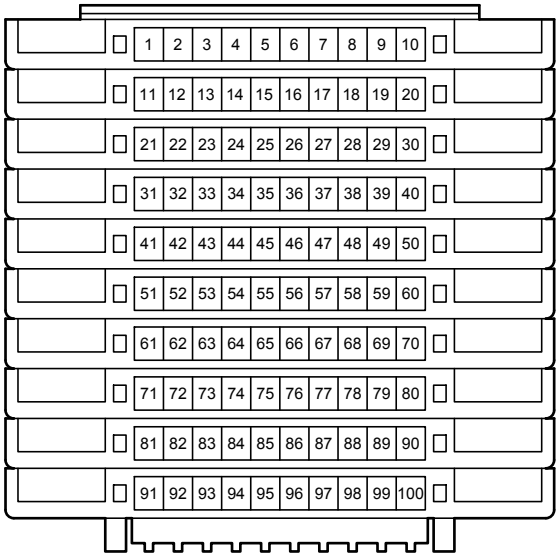
E 3
White



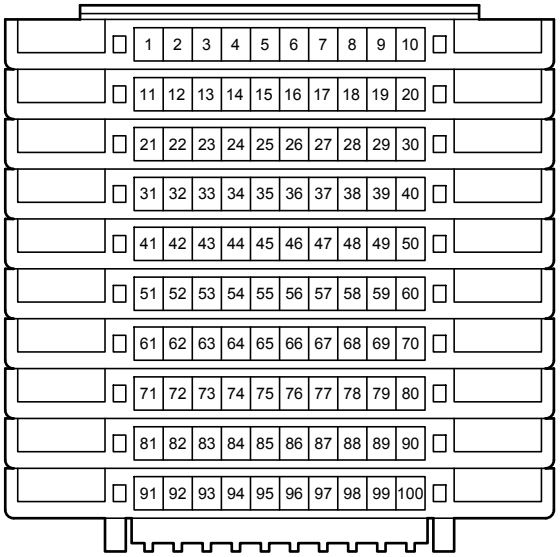
E 29
White



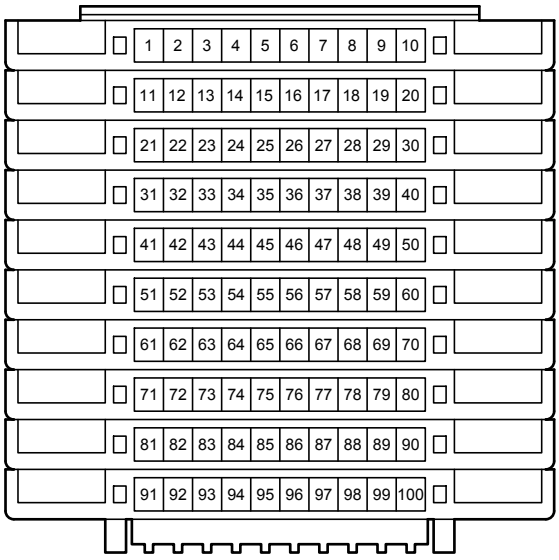
E 58



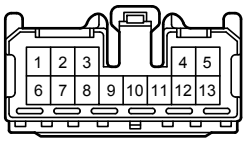
E 59



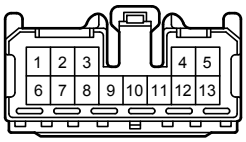
E 61



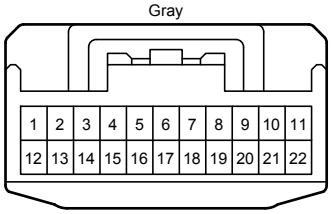
E 62
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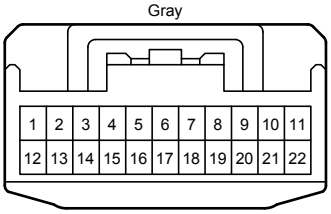
E 67
White



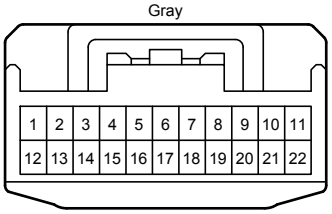
E 69
Gray



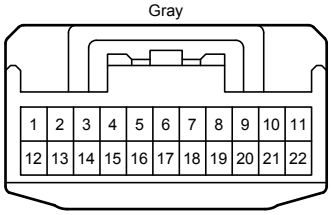
E 72
Gray



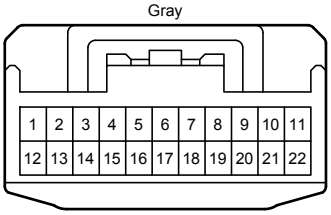
E 73
Gray



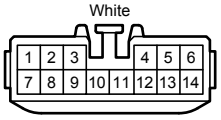
E 75
Gray



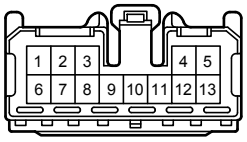
E 76
Gray



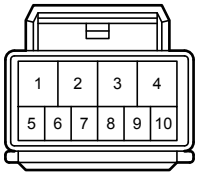
E 86
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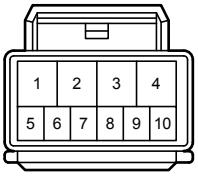
E115
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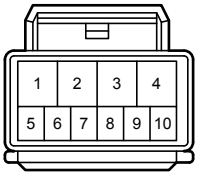
I 6
White



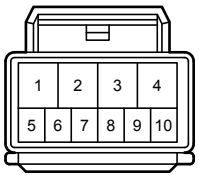
I 14
White



J 6
White



J 13
White



K 2
White



K 3
White



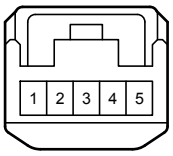
L 1
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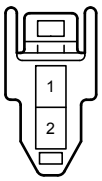
L 2
White



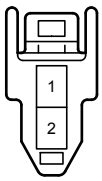
L 21
White



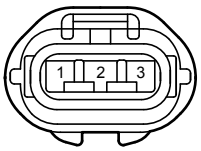
L 29
White



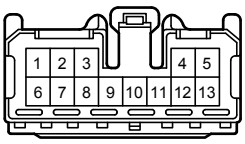
L 30
White



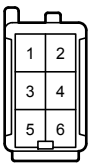
S 1
Black



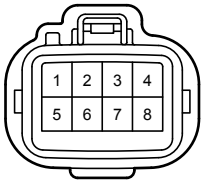
S 15
White



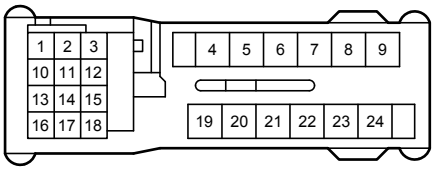
S 22
Black



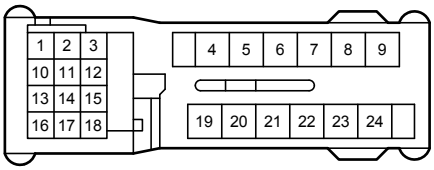
S 27
Dark Gray



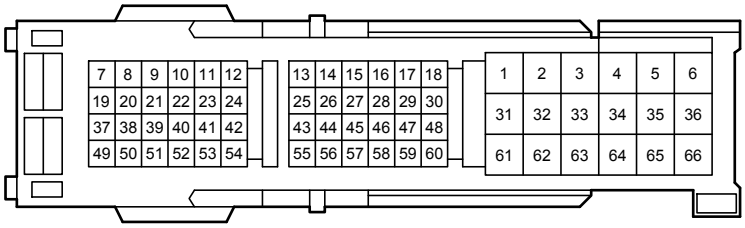
2B
White



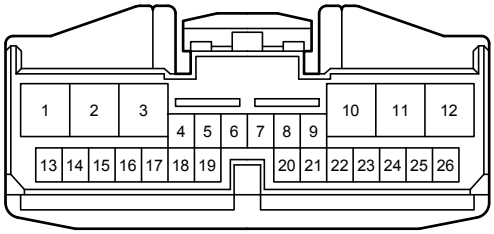
2C
White



2D
White

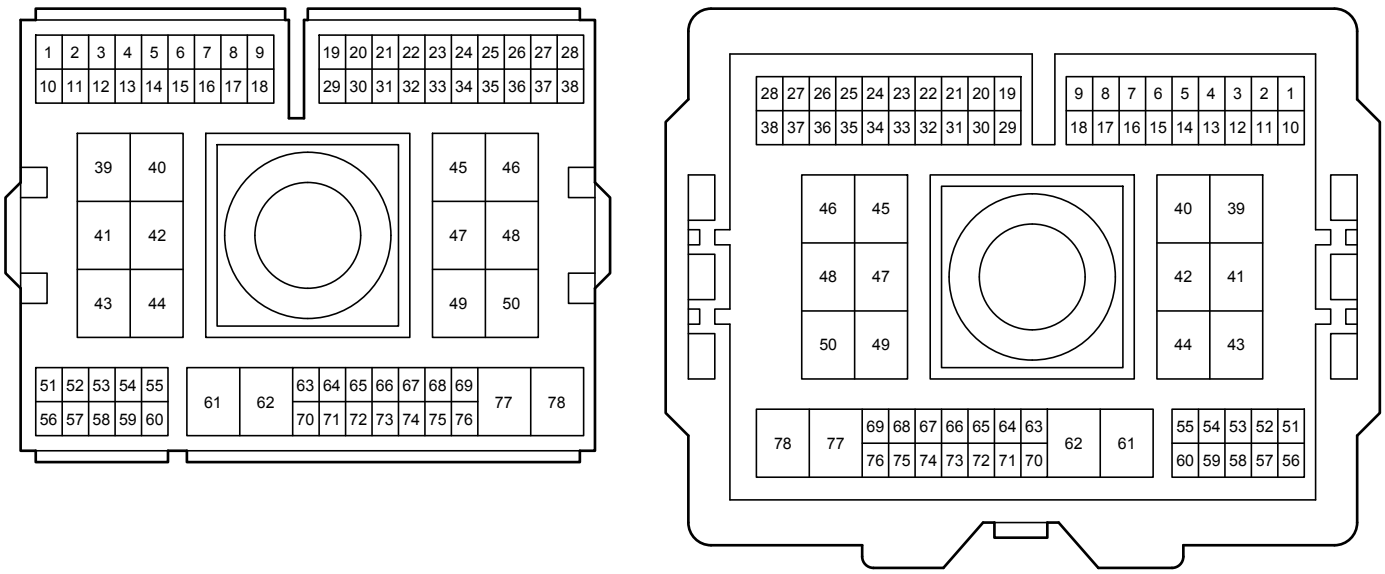


3C
White



EA1

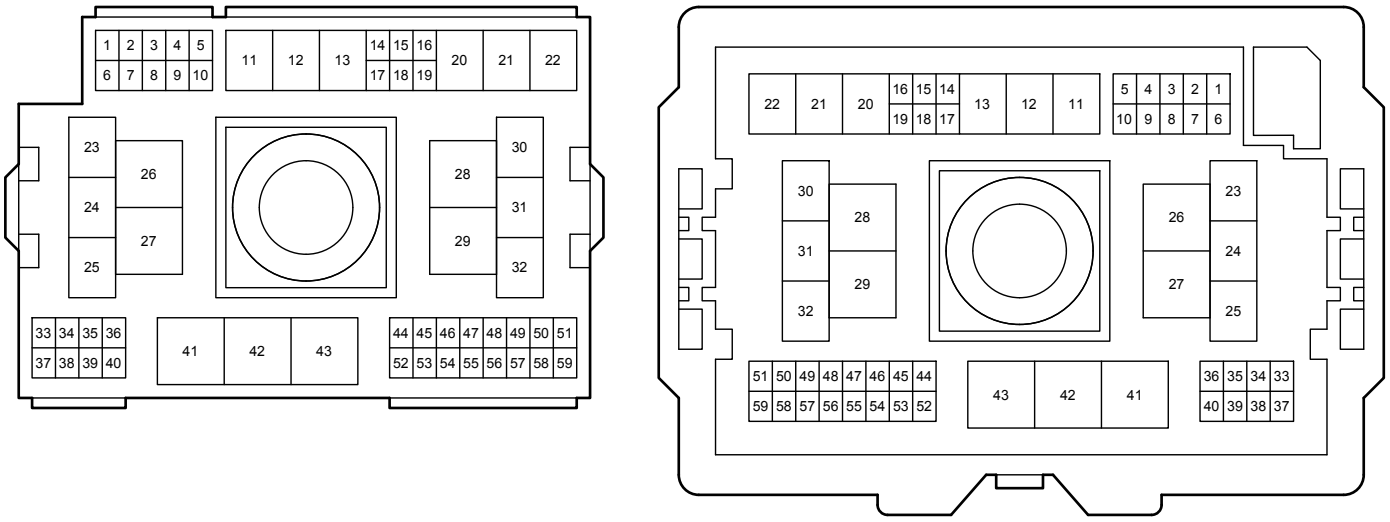
White



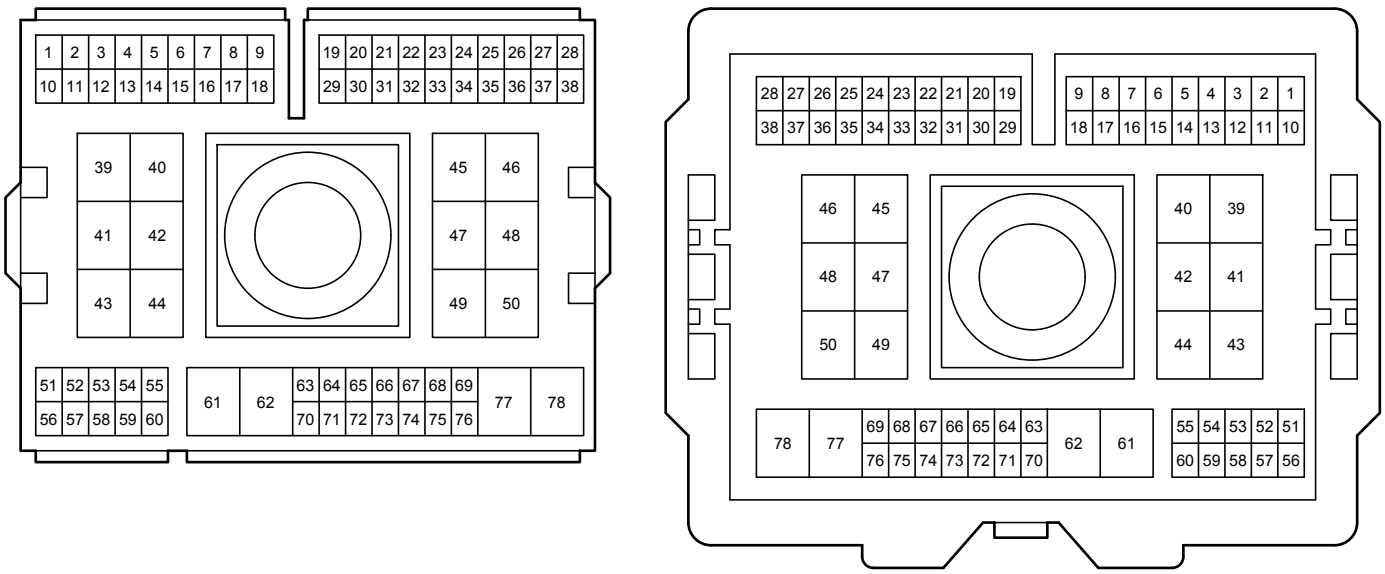
EA2

White

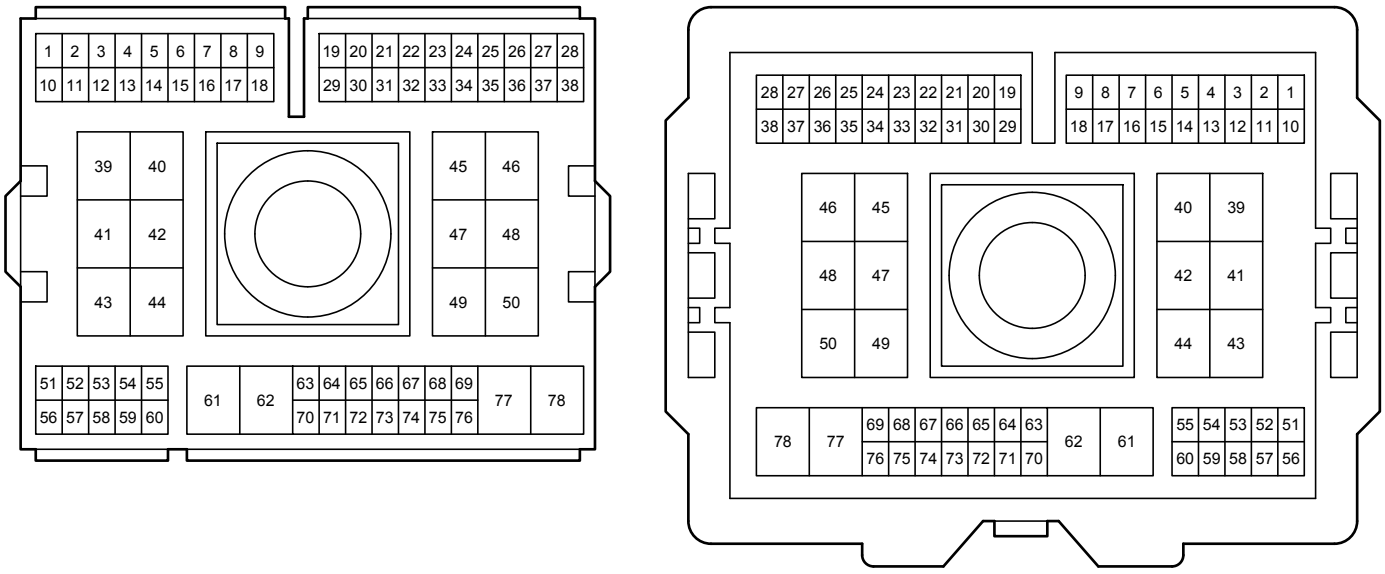
Gray



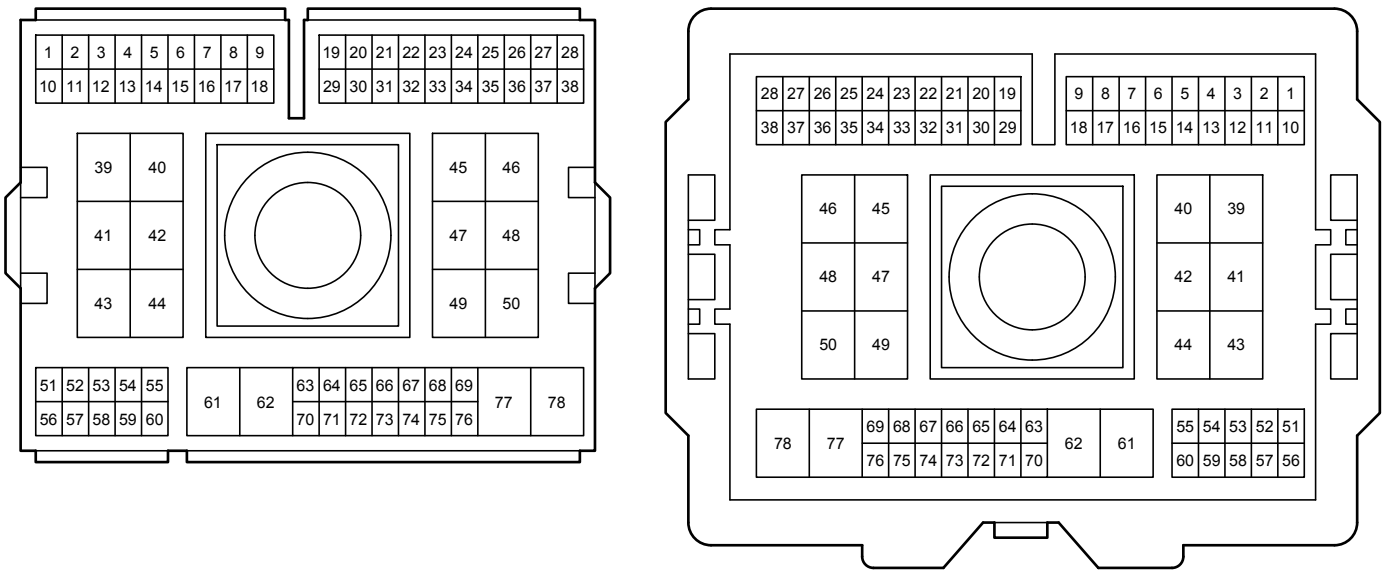
EA3
White



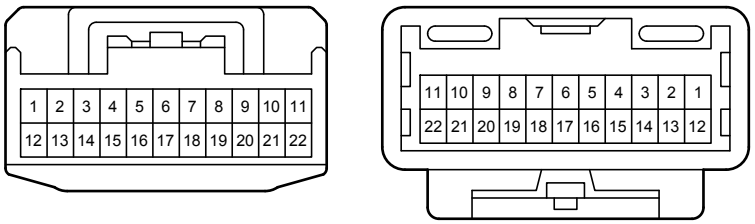
EK2
White



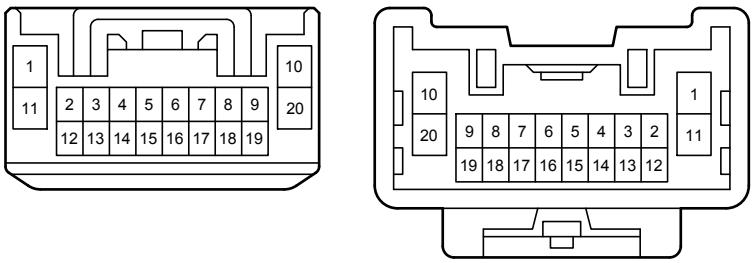
EL1
White



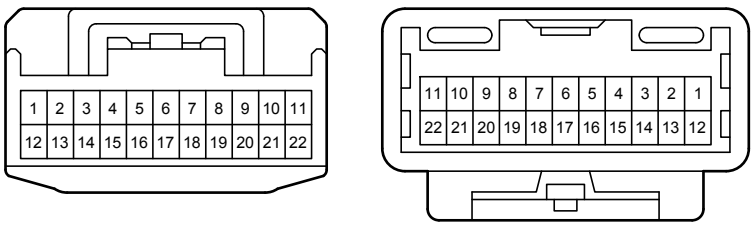
FE3
White



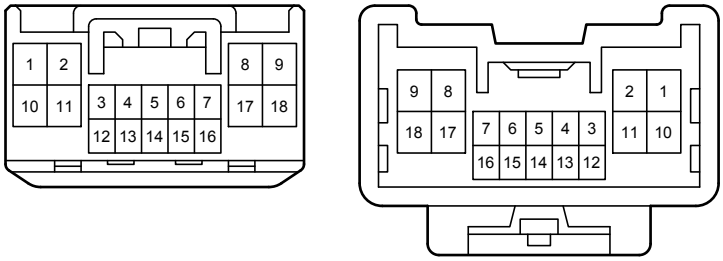
FE4
White



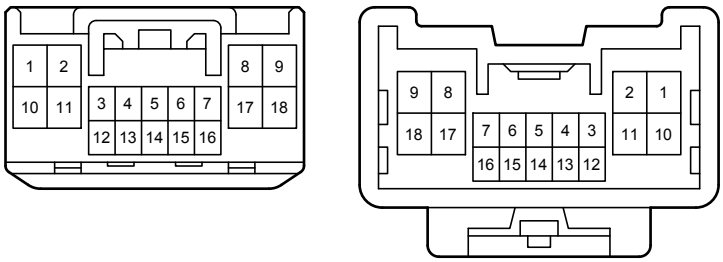
FL2
Blue



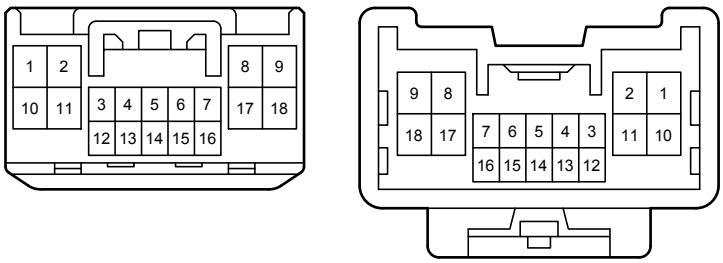
IE3
White



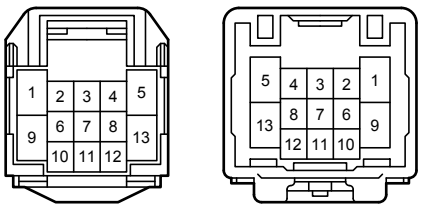
IE6
White



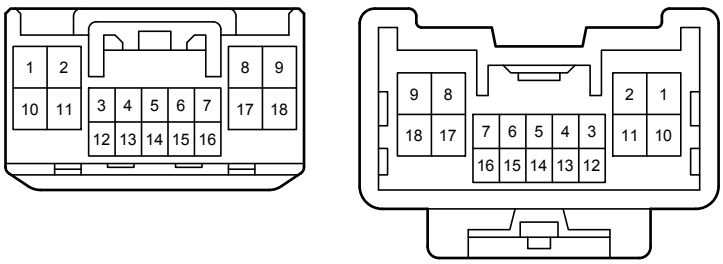
JK1
White



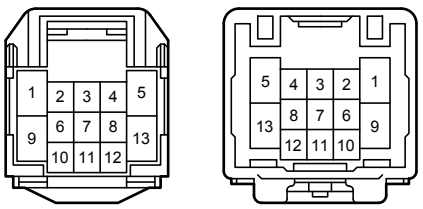
JK2
White

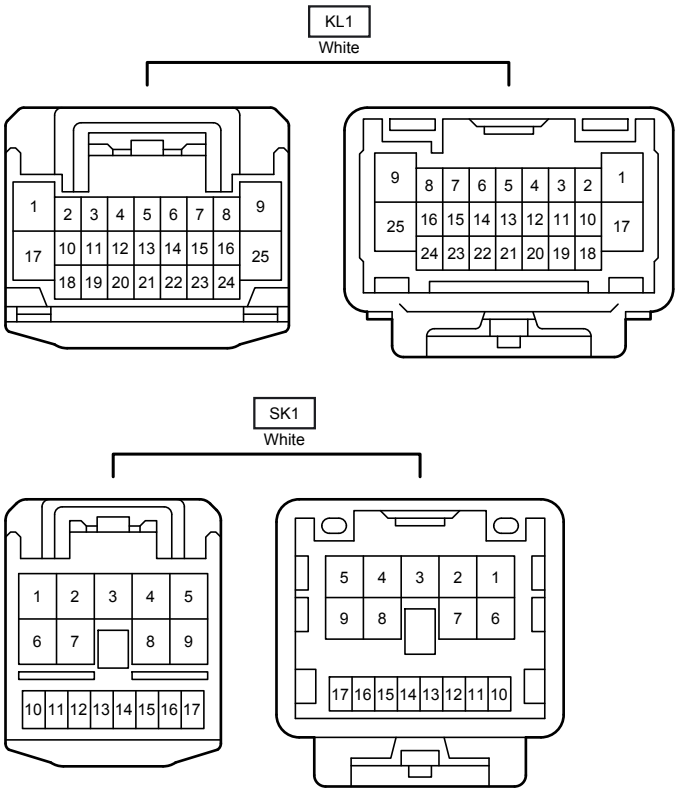


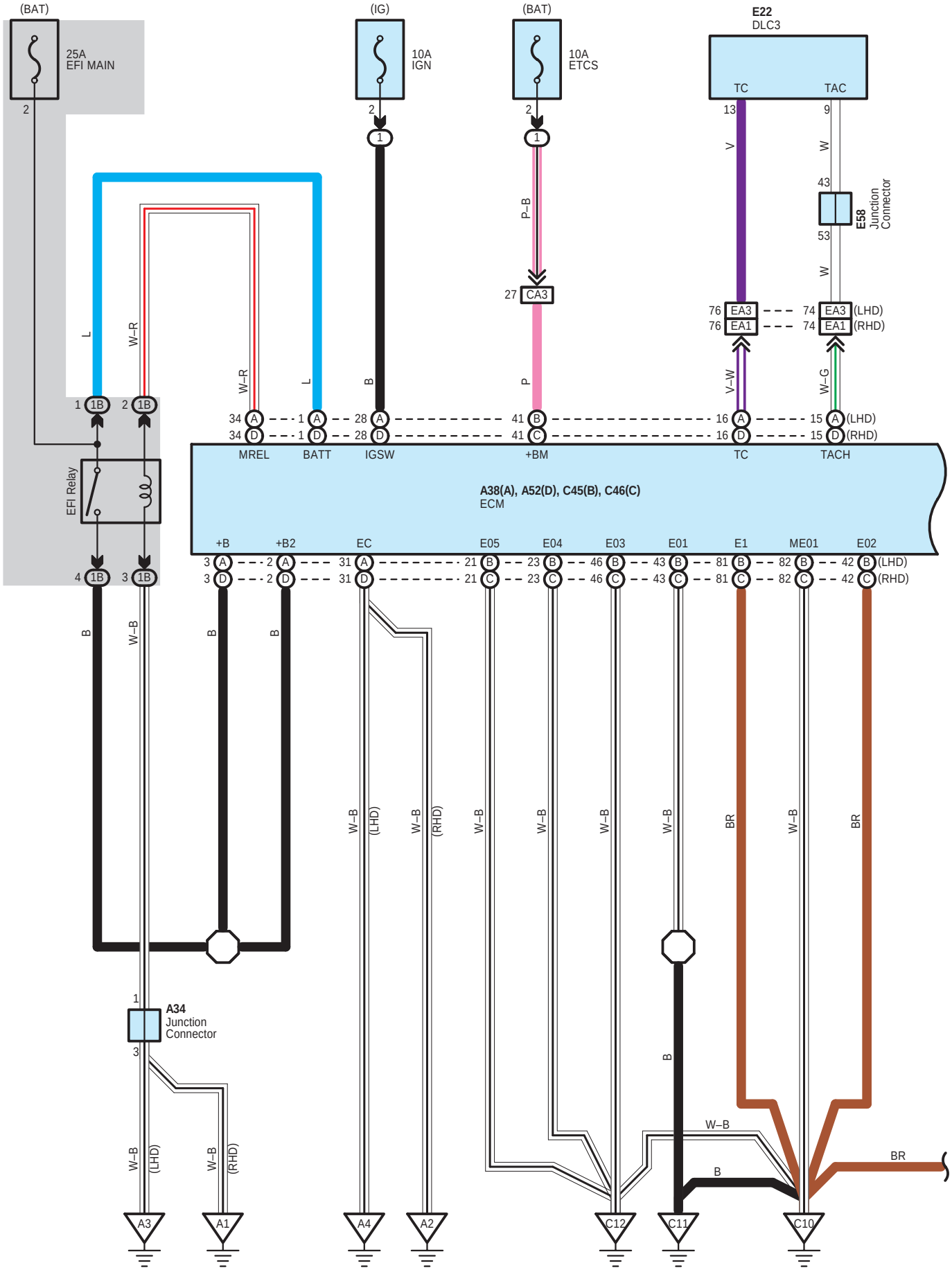
JL1
White

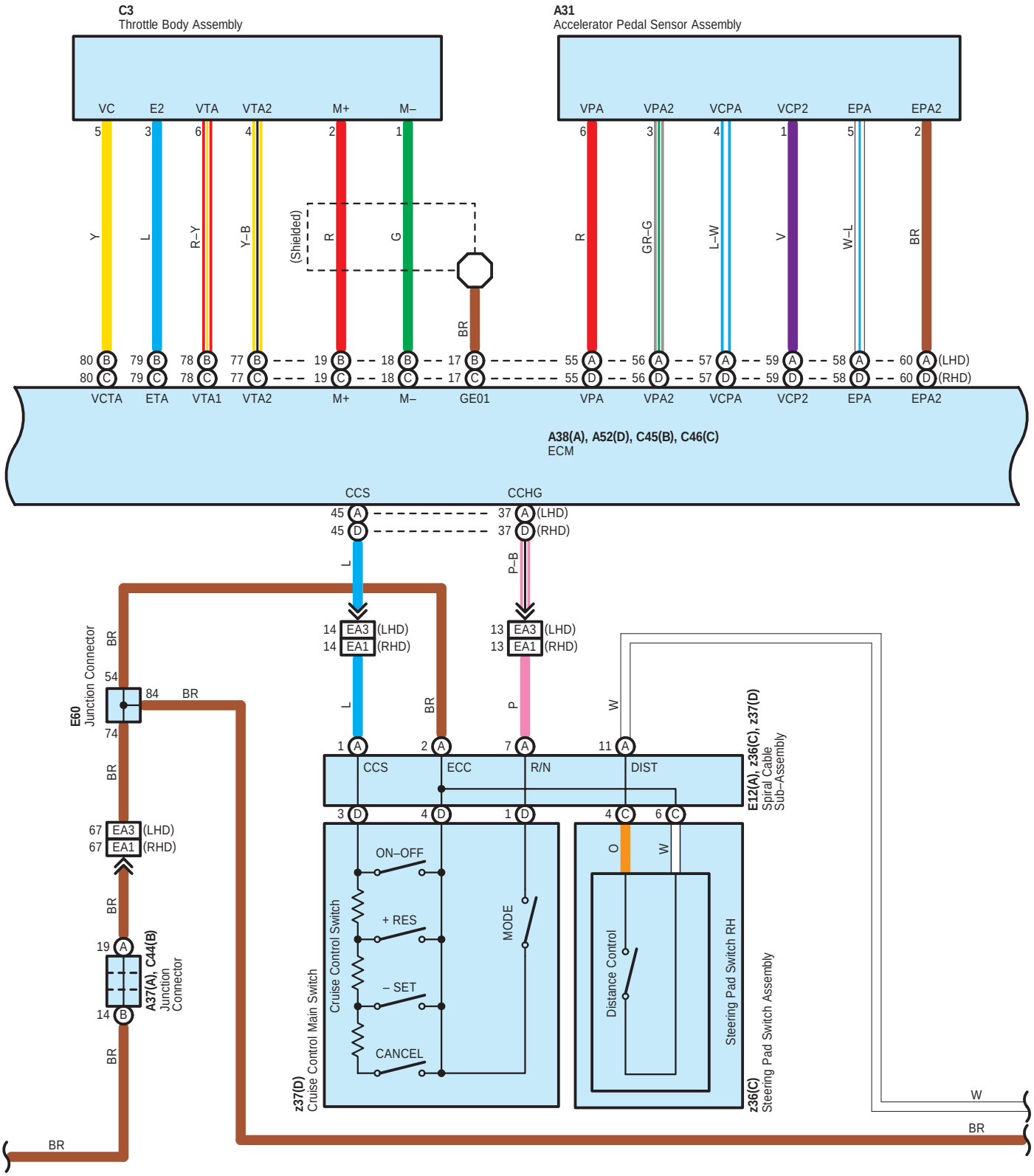


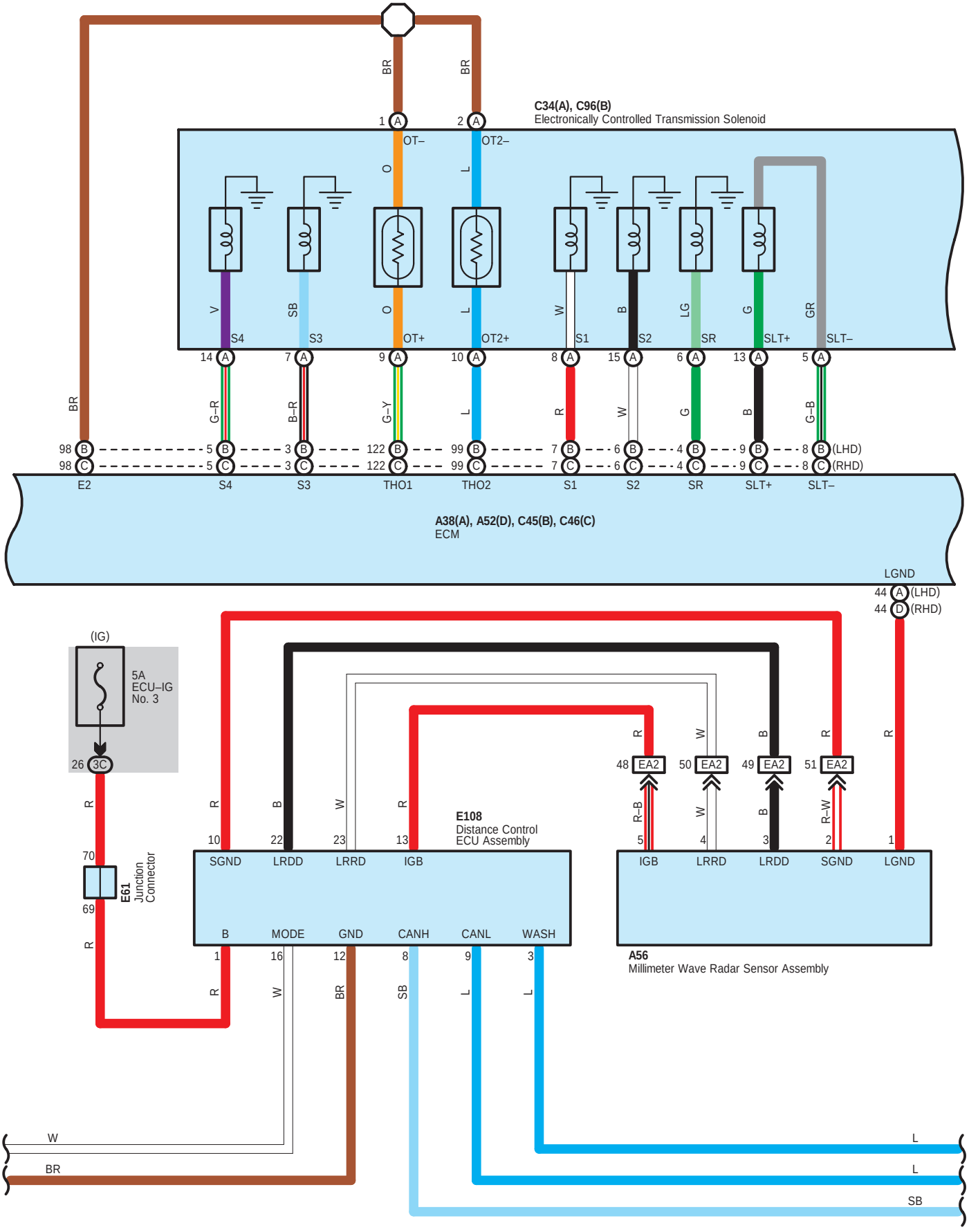
JL2
White

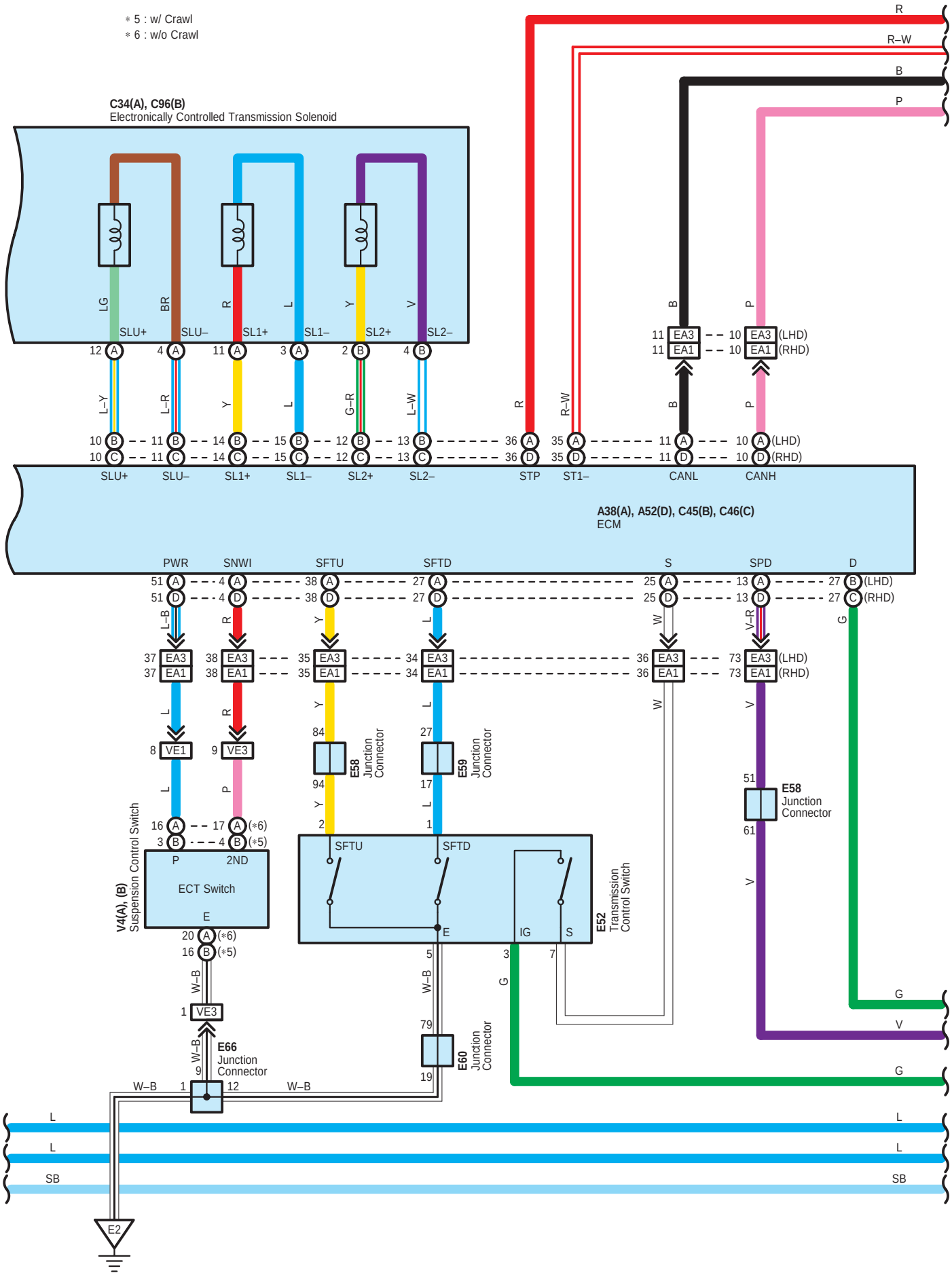


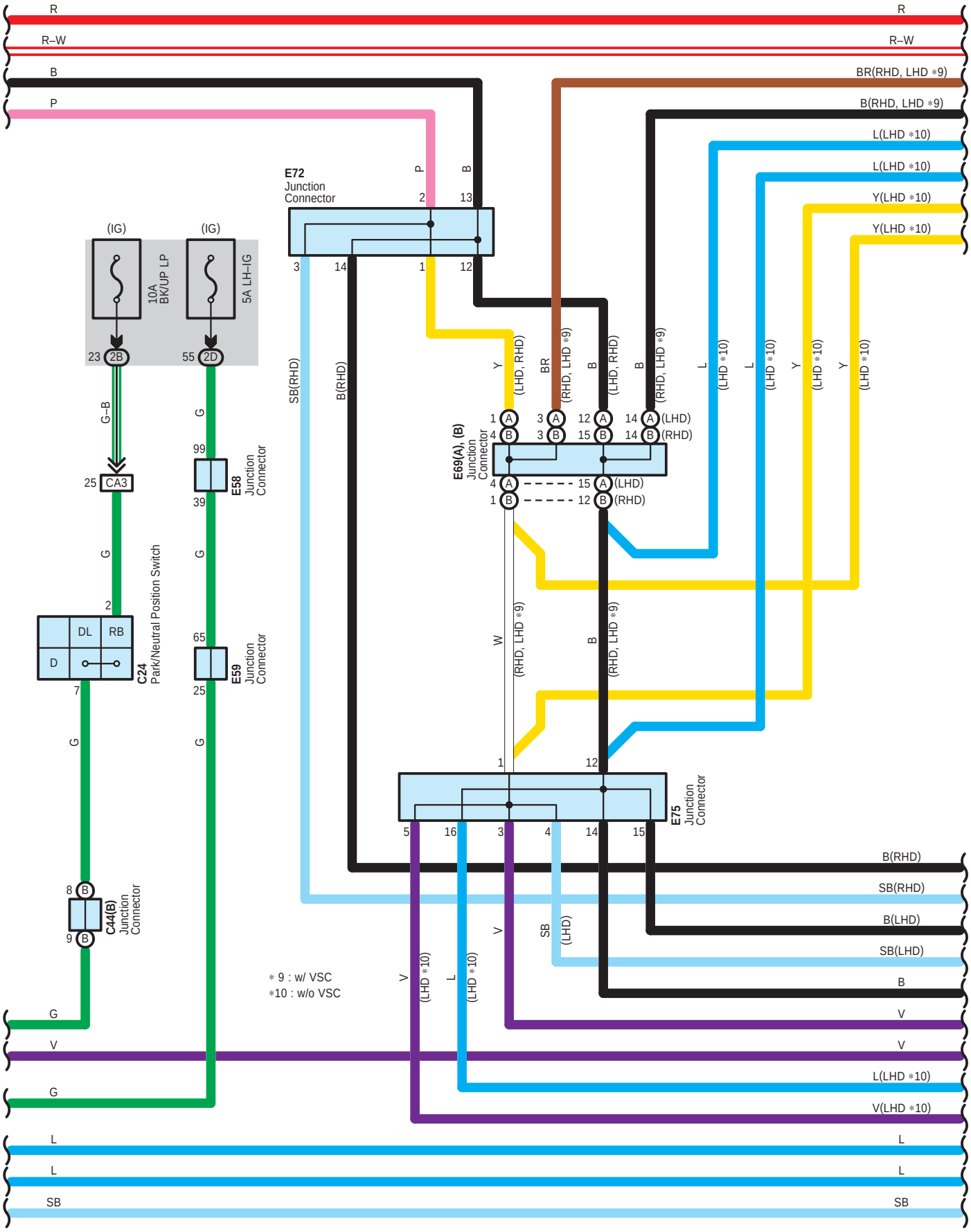

KL1
White
1 2 3 4 5 6 7 8 9
17 10 11 12 13 14 15 16 25
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18
SK1
White
1 2 3 4 5
6 7 8 9
10 11 12 13 14 15 16 17
5 4 3 2 1
9 8 7 6
17 16 15 14 13 12 11 10

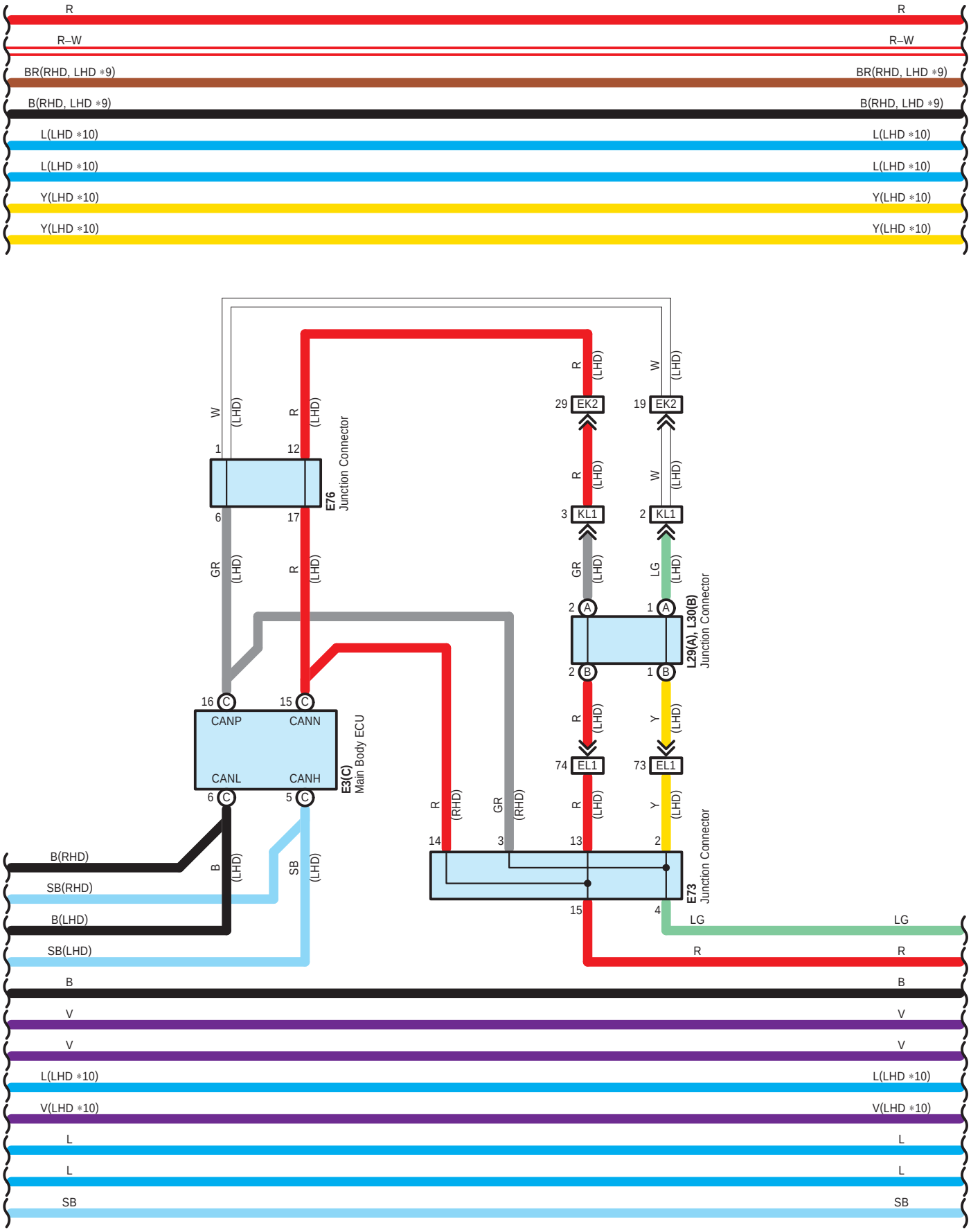

(BAT)
25A
EFI MAIN
(IG)
10A
IGN
(BAT)
10A
ETCS
E22
DLC3
TC
TAC
E58
Junction
Connector
CA3
EA3
EA1
(LHD)
(RHD)
EFI Relay
MREL
BATT
IGSW
+BM
TC
TACH
A38(A), A52(D), C45(B), C46(C)
ECM
+B
+B2
EC
E05
E04
E03
E01
E1
ME01
E02
A34
Junction
Connector
A3
A1
A4
A2
C12
C11
C10

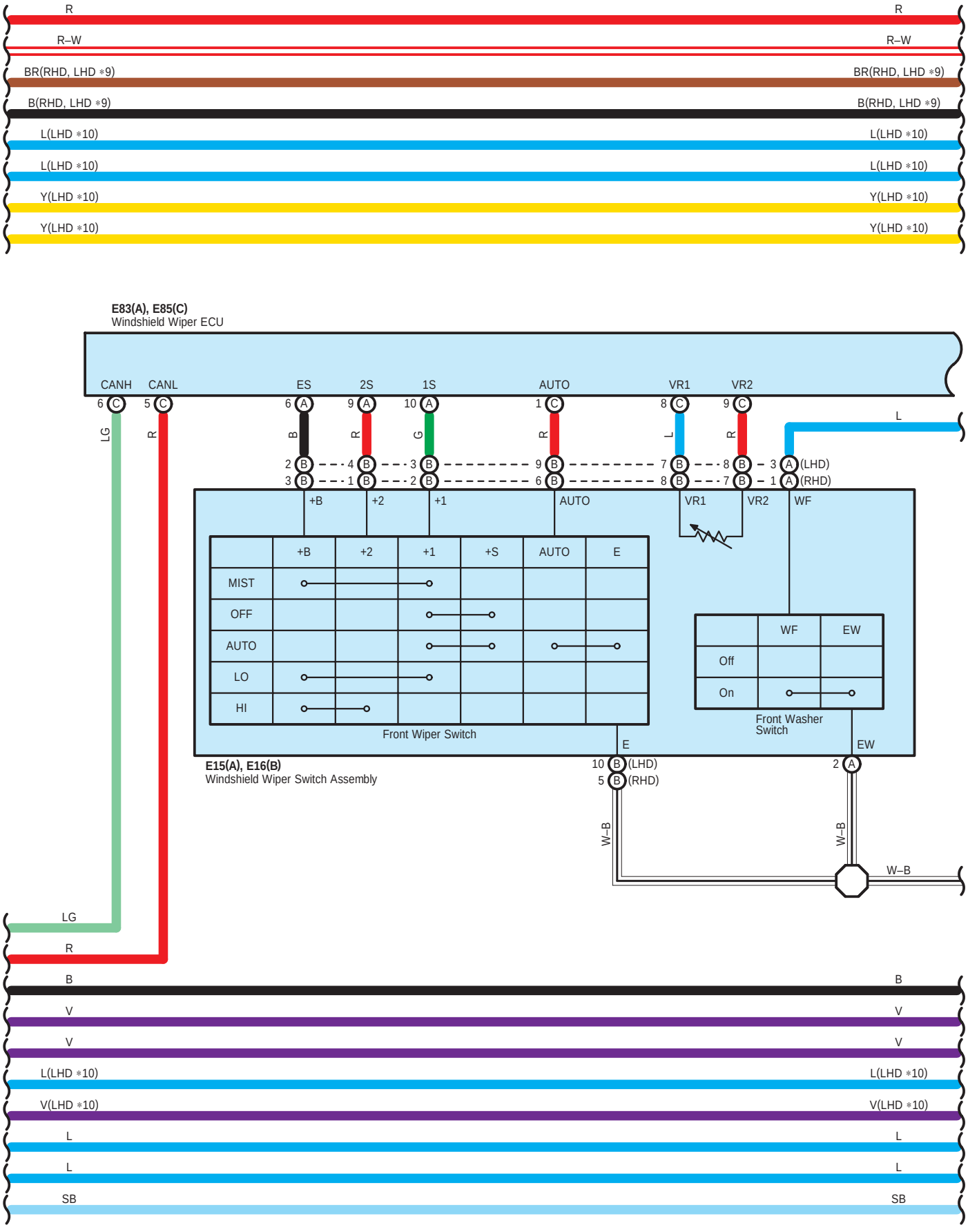

C3
Throttle Body Assembly
VC
E2
VTA
VTA2
M+
M–
A31
Accelerator Pedal Sensor Assembly
VPA
VPA2
VCPA
VCP2
EPA
EPA2
(Shielded)
VCTA
ETA
VTA1
GE01
A38(A), A52(D), C45(B), C46(C)
ECM
CCS
CCHG
(LHD)
(RHD)
E60
Junction Connector
EA3
EA1
A37(A), C44(B)
Junction Connector
E12(A), z36(C), z37(D)
Spiral Cable
Sub–Assembly
CCS
ECC
R/N
DIST
z37(D)
Cruise Control Main Switch
Cruise Control Switch
ON–OFF
+ RES
– SET
CANCEL
MODE
z36(C)
Steering Pad Switch Assembly
Steering Pad Switch RH
Distance Control


C34(A), C96(B)
Electronically Controlled Transmission Solenoid
OT–
OT2–
OT+
OT2+
S4
S3
S1
S2
SR
SLT+
SLT–
A38(A), A52(D), C45(B), C46(C)
ECM
E2
THO1
THO2
(LHD)
(RHD)
LGND
(IG)
5A
ECU–IG
No. 3
E61
Junction
Connector
E108
Distance Control
ECU Assembly
SGND
LRDD
LRRD
IGB
B
MODE
GND
CANH
CANL
WASH
EA2
A56
Millimeter Wave Radar Sensor Assembly

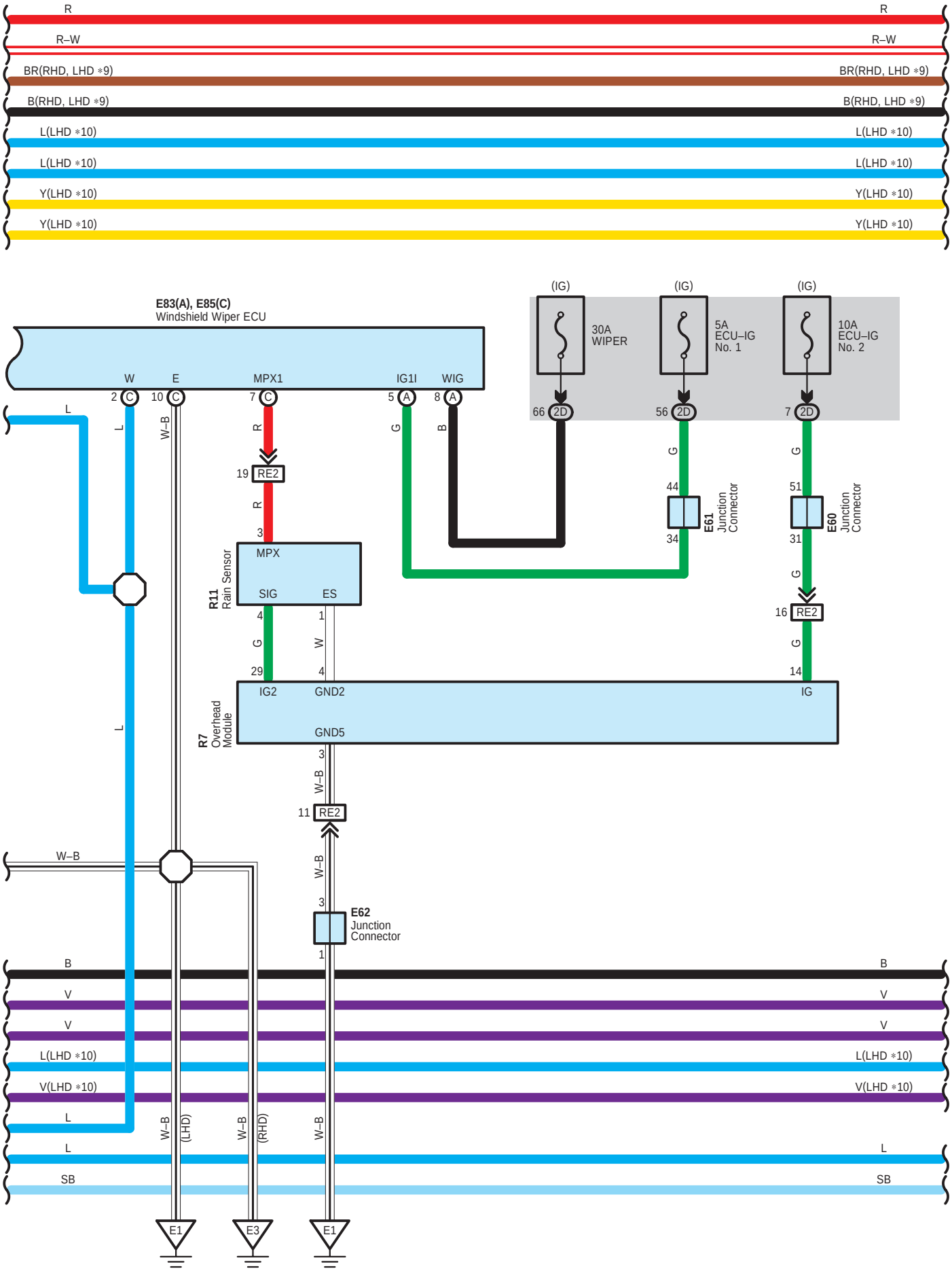

∗ 5 : w/ Crawl
∗ 6 : w/o Crawl
C34(A), C96(B)
Electronically Controlled Transmission Solenoid
SLU+
SLU–
SL1+
SL1–
SL2+
SL2–
A38(A), A52(D), C45(B), C46(C)
ECM
STP
ST1–
CANL
CANH
(LHD)
(RHD)
PWR
SNWI
SFTU
SFTD
S
SPD
D
VE1
VE3
E58
Junction Connector
E59
Junction Connector
E60
Junction Connector
E66
Junction Connector
V4(A), (B)
Suspension Control Switch
P
2ND
ECT Switch
E
E52
Transmission Control Switch
IG
E2

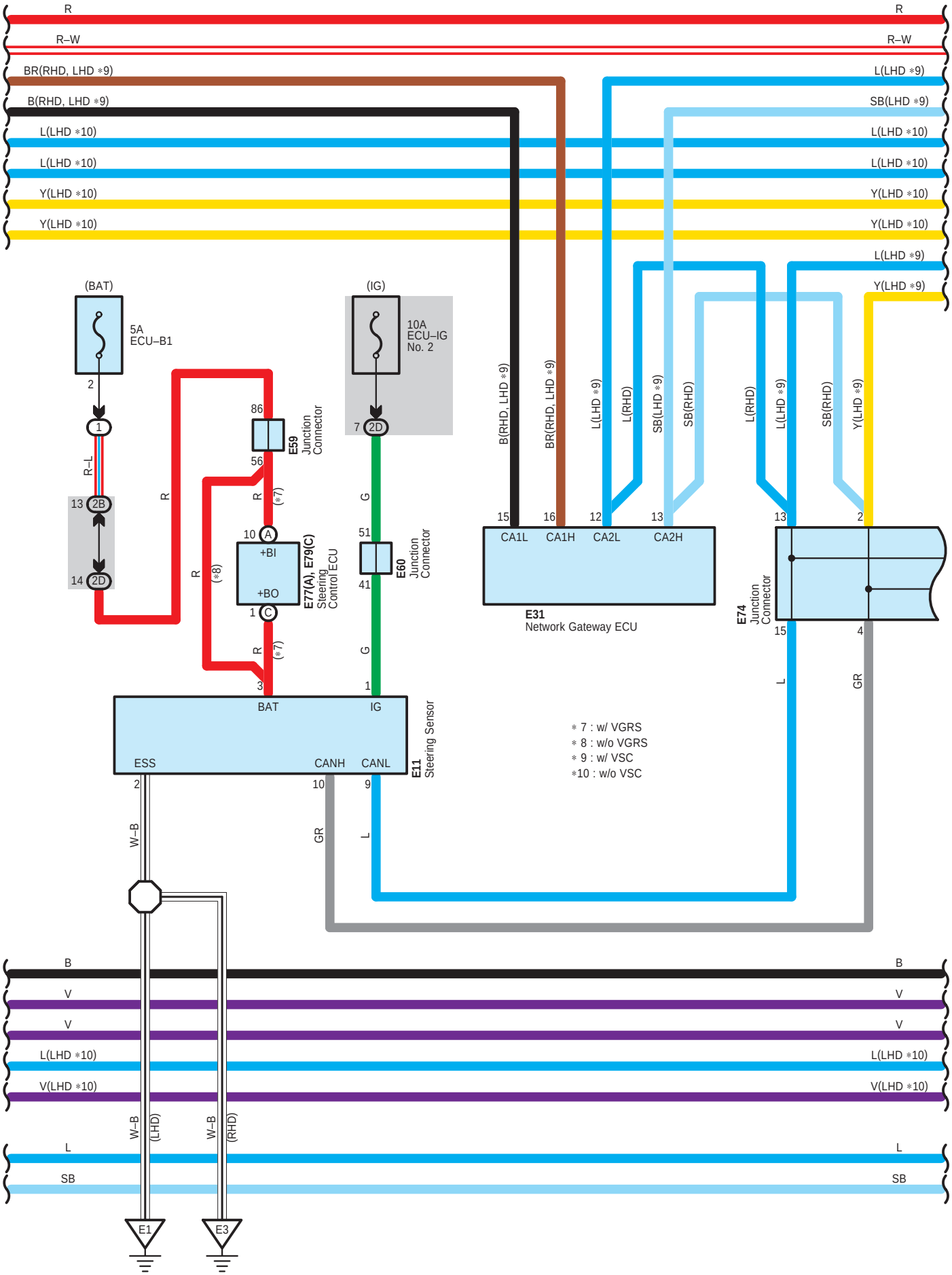

R
R–W
B
P
BR(RHD, LHD *9)
B(RHD, LHD *9)
L(LHD *10)
L(LHD *10)
Y(LHD *10)
Y(LHD *10)
E72
Junction
Connector
(IG)
(IG)
10A
BK/UP LP
5A LH–IG
23 2B
55 2D
G–B
G
25 CA3
99
39
E58
Junction
Connector
G
G
2
DL
RB
D
C24
Park/Neutral Position Switch
7
65
25
E59
Junction
Connector
G
G
8 B
9 B
C44(B)
Junction
Connector
G
V
G
SB(RHD)
B(RHD)
Y
(LHD, RHD)
BR
(RHD, LHD *9)
B
(LHD, RHD)
B
(RHD, LHD *9)
L
(LHD *10)
L
(LHD *10)
Y
(LHD *10)
Y
(LHD *10)
E69(A), (B)
Junction
Connector
1 A
4 B
3 A
3 B
12 A
15 B
14 A (LHD)
14 B (RHD)
4 A
1 B
15 A (LHD)
12 B (RHD)
W
(RHD, LHD *9)
B
(RHD, LHD *9)
E75
Junction
Connector
5
16
3
4
14
15
V
(LHD *10)
L
(LHD *10)
V
SB
(LHD)
B(RHD)
SB(RHD)
B(LHD)
SB(LHD)
B
V
V
L(LHD *10)
V(LHD *10)
L
L
SB
L
L
SB
*9 : w/ VSC
*10 : w/o VSC

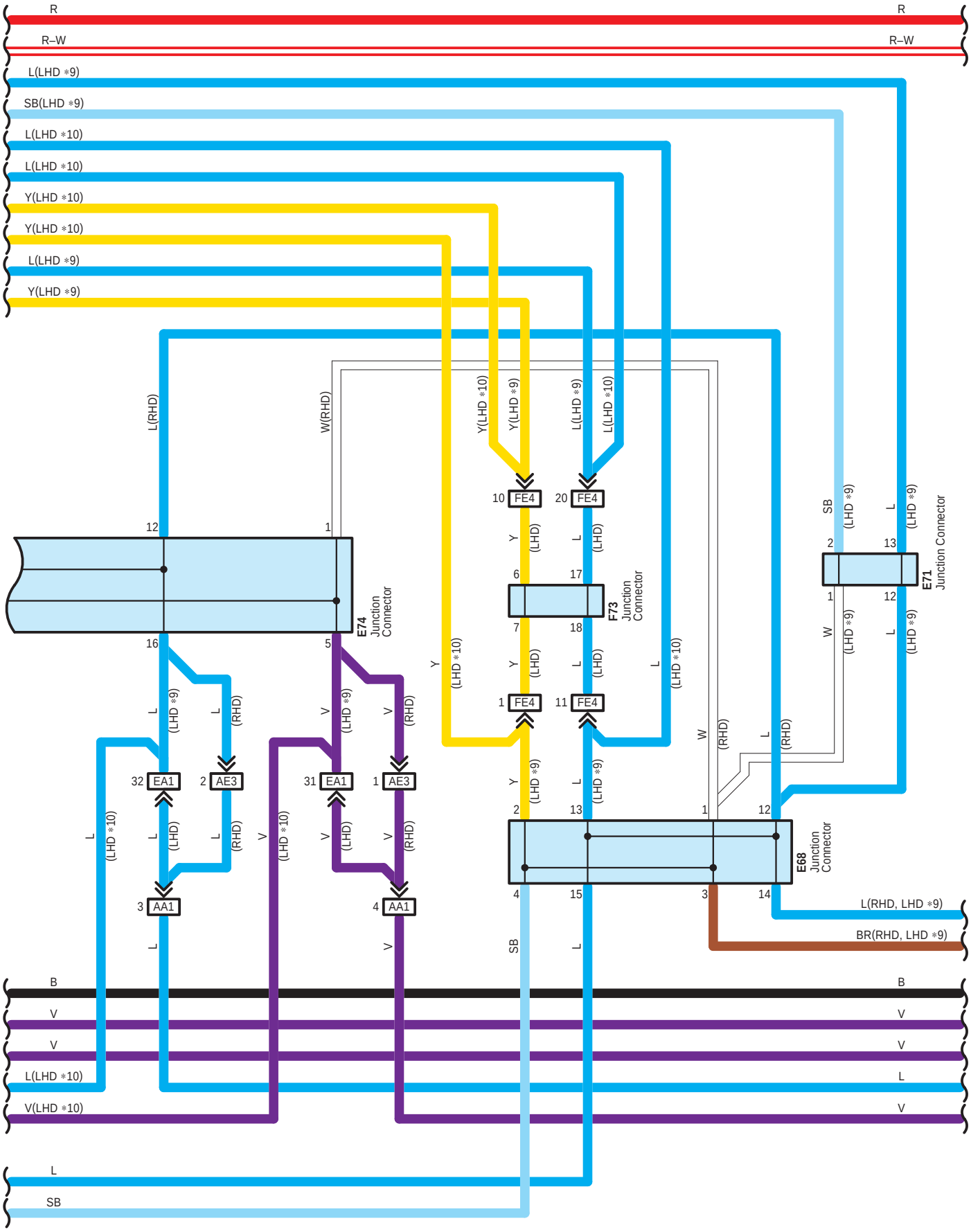

R
R–W
BR(RHD, LHD *9)
B(RHD, LHD *9)
L(LHD *10)
L(LHD *10)
Y(LHD *10)
Y(LHD *10)
E76
Junction Connector
E3(C)
Main Body ECU
CANP
CANN
CANL
CANH
L29(A), L30(B)
Junction Connector
E73
Junction Connector
EK2
KL1
EL1
B(RHD)
SB(RHD)
B(LHD)
SB(LHD)
V
V(LHD *10)
SB

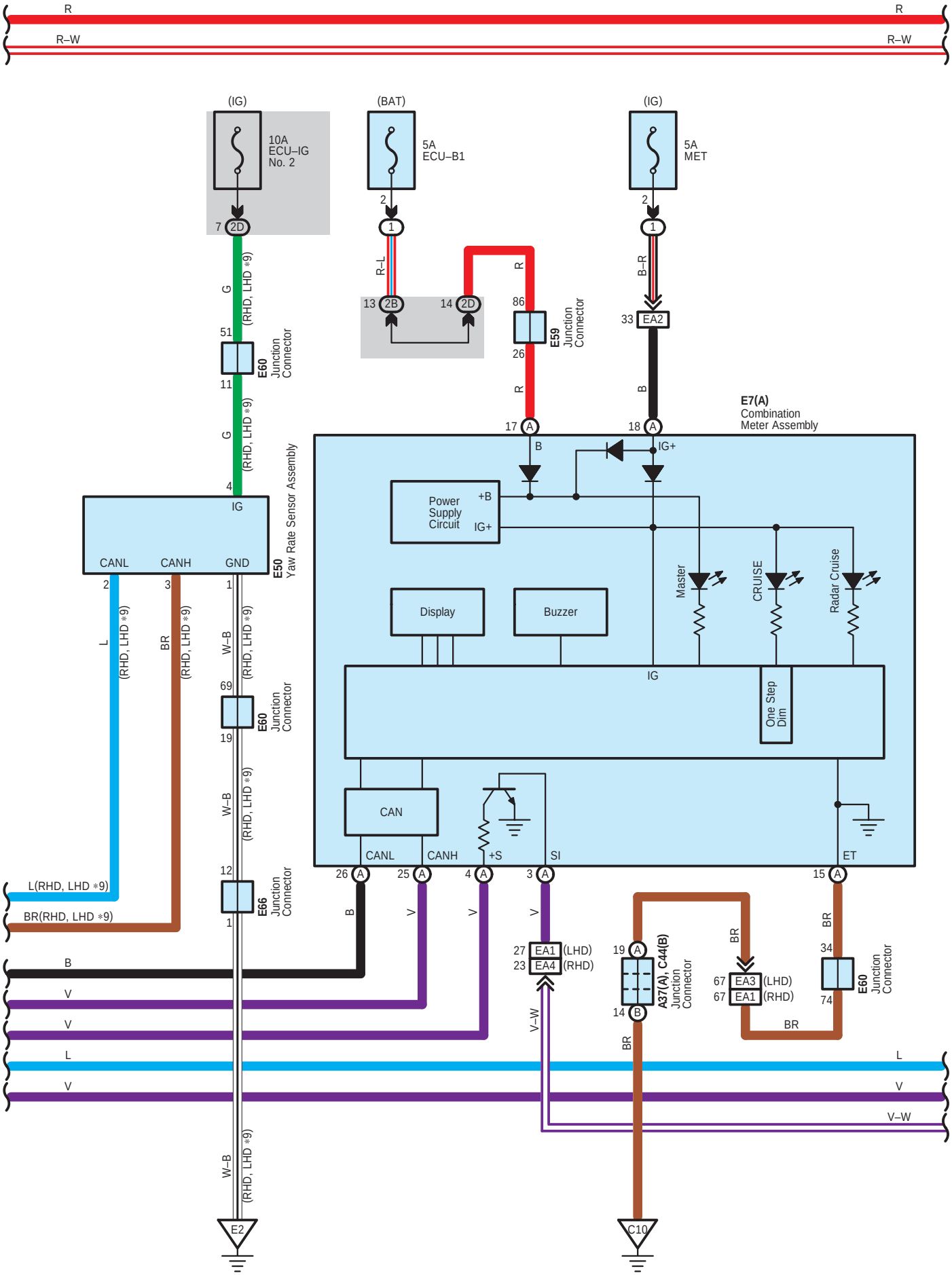


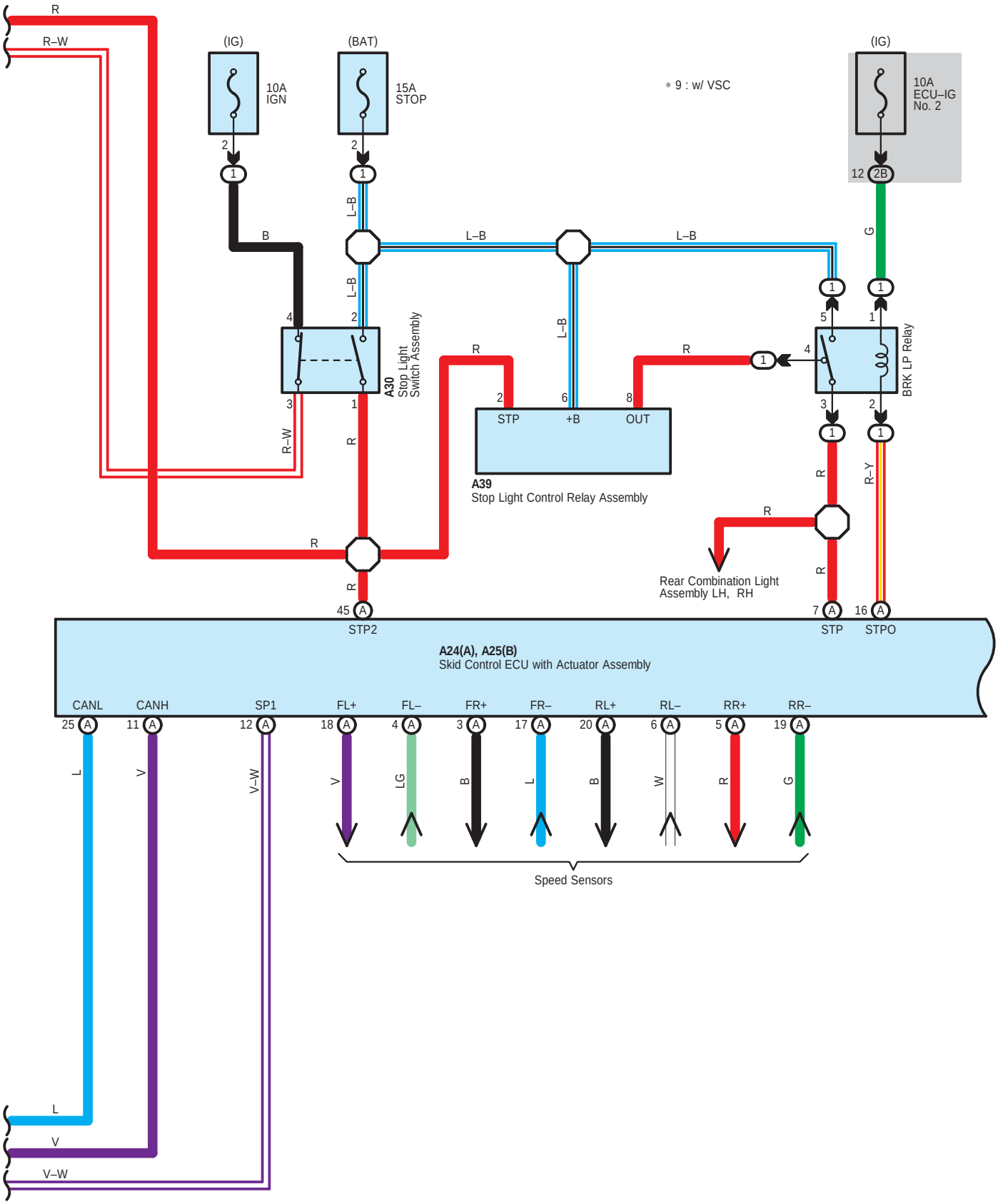
∗ 9 : w/ VSC
∗10 : w/o VSC

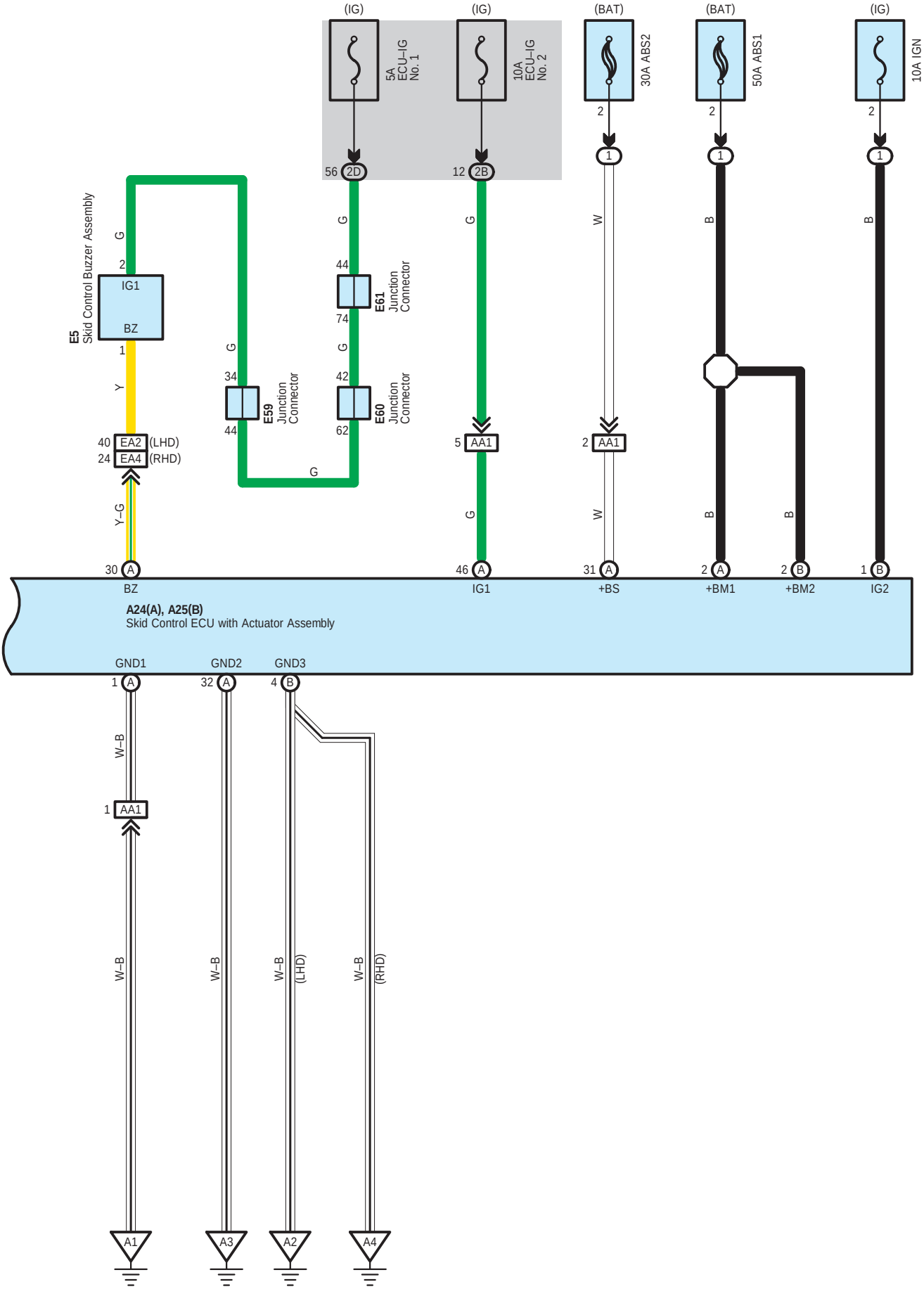

R
R–W
BR(RHD, LHD *9)
B(RHD, LHD *9)
L(LHD *10)
L(LHD *10)
Y(LHD *10)
Y(LHD *10)
R
R–W
BR(RHD, LHD *9)
B(RHD, LHD *9)
L(LHD *10)
L(LHD *10)
Y(LHD *10)
Y(LHD *10)
E83(A), E85(C)
Windshield Wiper ECU
W
E
MPX1
IG1I
WIG
2 C
10 C
7 C
5 A
8 A
(IG)
30A
WIPER
66 2D
(IG)
5A
ECU–IG
No. 1
56 2D
(IG)
10A
ECU–IG
No. 2
7 2D
19 RE2
3
MPX
R11
Rain Sensor
SIG
ES
4
1
29
4
IG2
GND2
GND5
IG
R7
Overhead
Module
44
34
E61
Junction
Connector
51
31
E60
Junction
Connector
16 RE2
14
3
11 RE2
3
1
E62
Junction
Connector
L
W–B
R
G
B
(LHD)
(RHD)
V
SB
E1
E3
E1


R
R–W
BR(RHD, LHD ∗9)
B(RHD, LHD ∗9)
L(LHD ∗10)
L(LHD ∗10)
Y(LHD ∗10)
Y(LHD ∗10)
R
R–W
L(LHD ∗9)
SB(LHD ∗9)
L(LHD ∗10)
L(LHD ∗10)
Y(LHD ∗10)
Y(LHD ∗10)
L(LHD ∗9)
Y(LHD ∗9)
(BAT)
5A
ECU–B1
2
1
R–L
13 2B
14 2D
R
(∗8)
86
56
E59
Junction
Connector
R
(∗7)
10 A
+BI
+BO
1 C
E77(A), E79(C)
Steering
Control ECU
R
(∗7)
3
BAT
(IG)
10A
ECU–IG
No. 2
7 2D
G
51
41
E60
Junction
Connector
G
1
IG
B(RHD, LHD ∗9)
BR(RHD, LHD ∗9)
L(LHD ∗9)
L(RHD)
SB(LHD ∗9)
SB(RHD)
L(RHD)
L(LHD ∗9)
SB(RHD)
Y(LHD ∗9)
15
16
12
13
13
2
CA1L
CA1H
CA2L
CA2H
E31
Network Gateway ECU
E74
Junction
Connector
15
4
L
GR
∗ 7 : w/ VGRS
∗ 8 : w/o VGRS
∗ 9 : w/ VSC
∗10 : w/o VSC
ESS
CANH
CANL
2
10
9
E11
Steering Sensor
W–B
GR
L
B
V
V
L(LHD ∗10)
V(LHD ∗10)
W–B
(LHD)
W–B
(RHD)
L
SB
B
V
V
L(LHD ∗10)
V(LHD ∗10)
L
SB
E1
E3

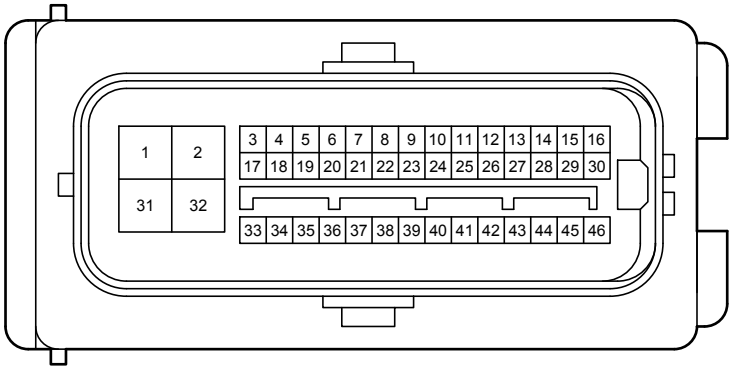

R
R–W
L(LHD ∗9)
SB(LHD ∗9)
L(LHD ∗10)
L(LHD ∗10)
Y(LHD ∗10)
Y(LHD ∗10)
L(LHD ∗9)
Y(LHD ∗9)
L(RHD)
W(RHD)
Y(LHD ∗10)
Y(LHD ∗9)
L(LHD ∗9)
L(LHD ∗10)
E74 Junction Connector
F73 Junction Connector
E71 Junction Connector
E68 Junction Connector
FE4
EA1
AE3
AA1
(LHD)
(RHD)
(LHD ∗9)
(LHD ∗10)
L(RHD, LHD ∗9)
BR(RHD, LHD ∗9)
B
V
V
L(LHD ∗10)
V(LHD ∗10)
L
SB


R
R–W
R
R–W
(IG)
10A
ECU–IG
No. 2
7 2D
G
(RHD, LHD *9)
51
E60
Junction
Connector
11
G
(RHD, LHD *9)
4
IG
CANL
CANH
GND
E50
Yaw Rate Sensor Assembly
2
3
1
L
(RHD, LHD *9)
BR
(RHD, LHD *9)
W–B
(RHD, LHD *9)
69
E60
Junction
Connector
19
W–B
(RHD, LHD *9)
12
E66
Junction
Connector
1
L(RHD, LHD *9)
BR(RHD, LHD *9)
E2
(BAT)
5A
ECU–B1
2
1
R–L
13 2B
14 2D
R
86
E59
Junction
Connector
26
R
17 A
(IG)
5A
MET
2
1
B–R
33 EA2
B
18 A
E7(A)
Combination
Meter Assembly
B
IG+
Power
Supply
Circuit
+B
IG+
Master
CRUISE
Radar Cruise
Display
Buzzer
IG
One Step
Dim
CAN
CANL
CANH
+S
SI
ET
26 A
25 A
4 A
3 A
15 A
B
V
V
V
BR
27 EA1 (LHD)
23 EA4 (RHD)
V–W
19 A
14 B
A37(A), C44(B)
Junction
Connector
BR
67 EA3 (LHD)
67 EA1 (RHD)
BR
BR
34
74
E60
Junction
Connector
C10
B
V
V
L
V
L
V
V–W

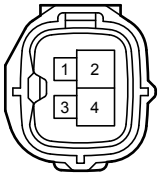

R
R–W
(IG)
10A
IGN
(BAT)
15A
STOP
* 9 : w/ VSC
(IG)
10A
ECU–IG
No. 2
12 2B
L–B
B
G
A30
Stop Light
Switch Assembly
R–W
R
A39
Stop Light Control Relay Assembly
STP
+B
OUT
BRK LP Relay
R–Y
Rear Combination Light
Assembly LH, RH
45 A
STP2
7 A
STP
16 A
STPO
A24(A), A25(B)
Skid Control ECU with Actuator Assembly
CANL
CANH
SP1
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
25 A
11 A
12 A
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
L
V
V–W
LG
B
W
G
Speed Sensors


(IG)
(IG)
(BAT)
(BAT)
(IG)
5A ECU–IG No. 1
10A ECU–IG No. 2
30A ABS2
50A ABS1
10A IGN
56 2D
12 2B
2
1
E5
Skid Control Buzzer Assembly
IG1
BZ
E59 Junction Connector
E61 Junction Connector
E60 Junction Connector
40 EA2 (LHD)
24 EA4 (RHD)
5 AA1
2 AA1
30 A
BZ
46 A
IG1
31 A
+BS
2 A
+BM1
2 B
+BM2
1 B
IG2
A24(A), A25(B)
Skid Control ECU with Actuator Assembly
GND1
GND2
GND3
1 A
32 A
4 B
1 AA1
A1
A3
A2
A4
(LHD)
(RHD)

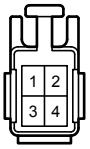
A 24
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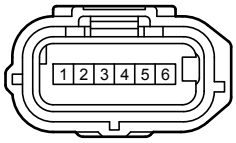
A 25
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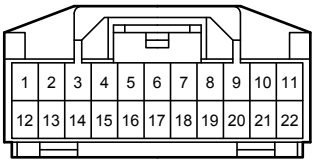
A 30
Gray



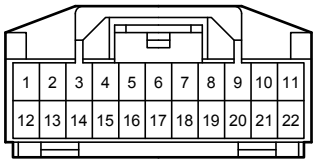
A 31
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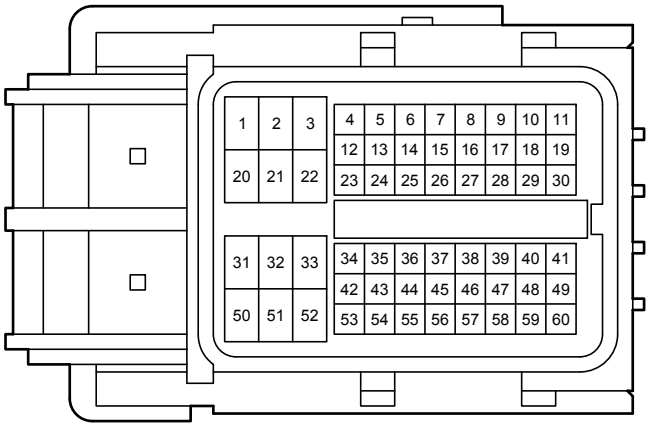
A 34
White



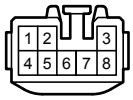
A 37
Blue



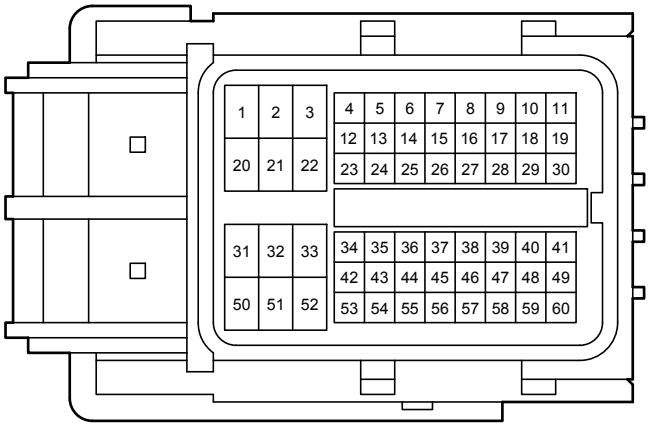
A 38
Black



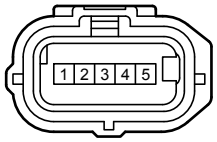
A 39
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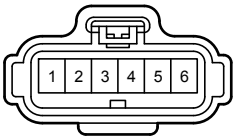
A 52
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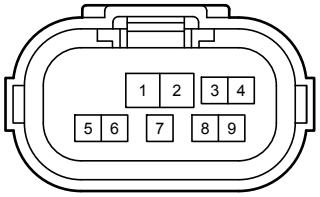
A 56
Black



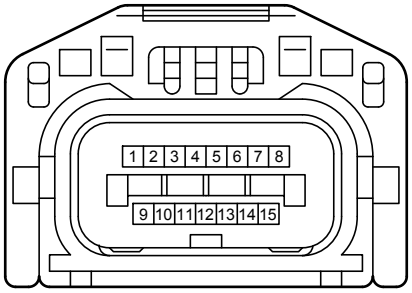
C 3
Black



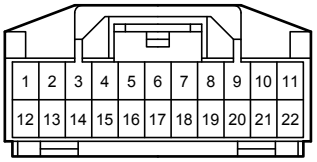
C 24
Gray



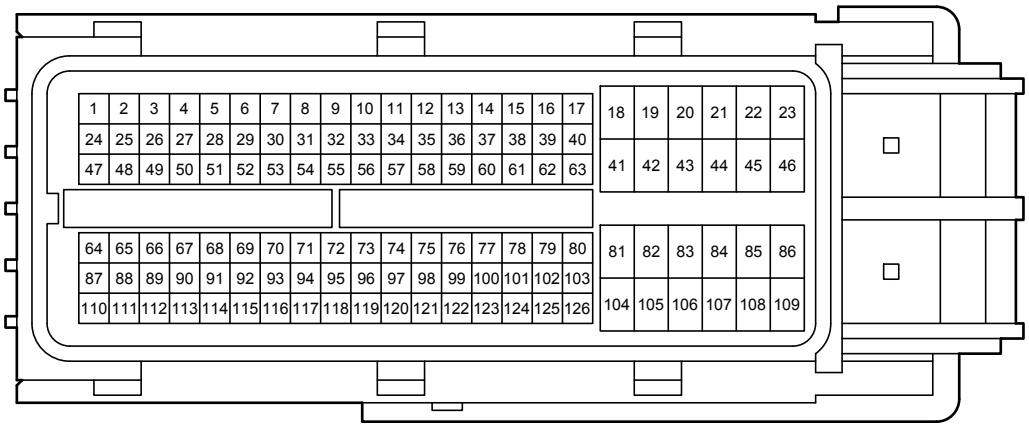
C 34
Gray



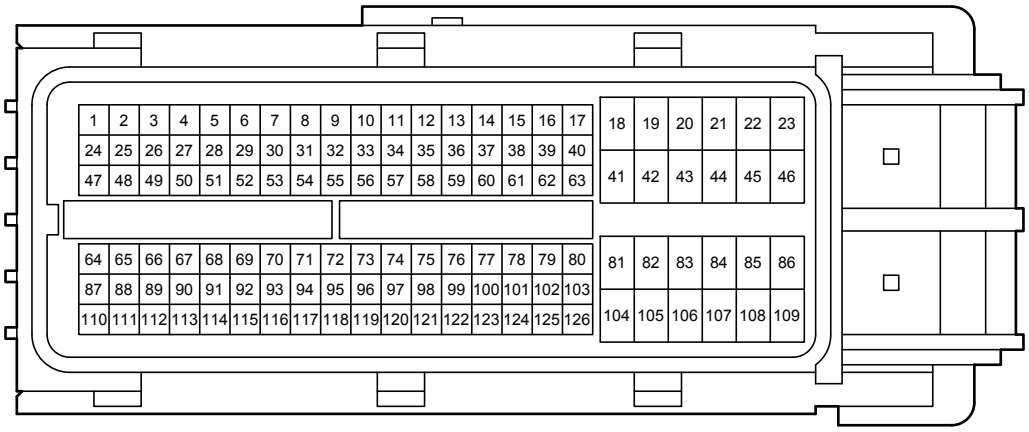
C 44
Blue



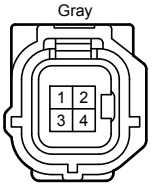
C 45
Black



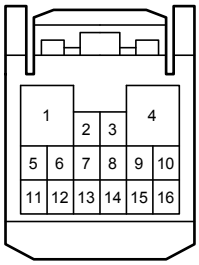
C 46
Black



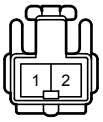
C 96
Gray



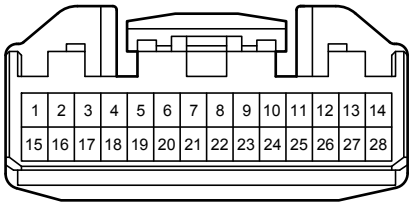
E 3
White



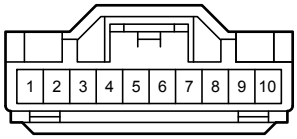
E 5
Blue



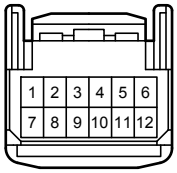
E 7
White



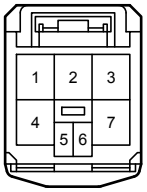
E 11
Gray



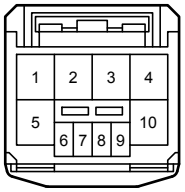
E 12
Black



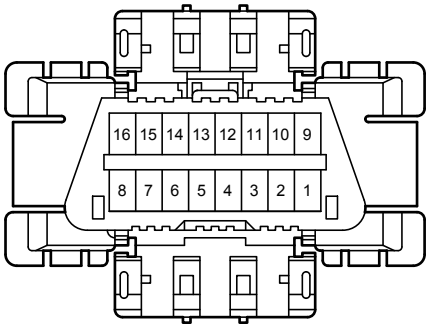
E 15
White



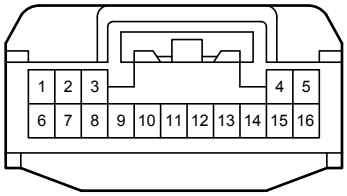
E 16
White



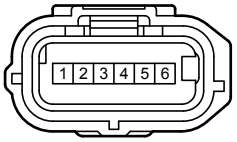
E 22
White



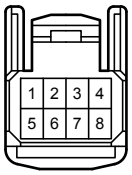
E 31
White



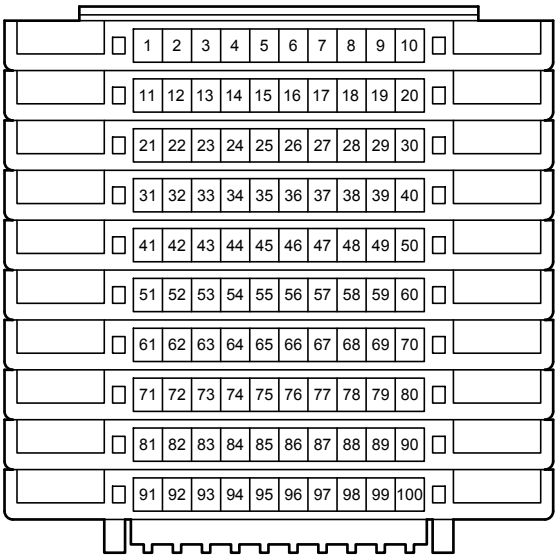
E 50
Black



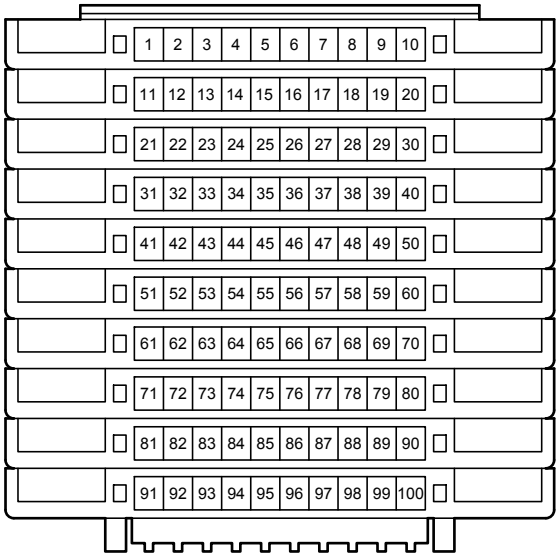
E 52
White



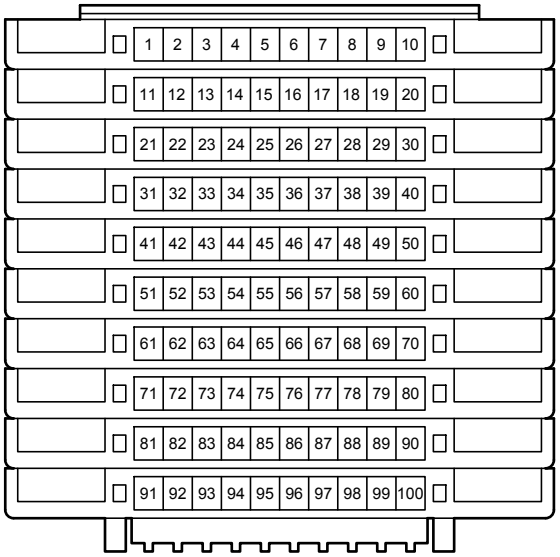
E 58



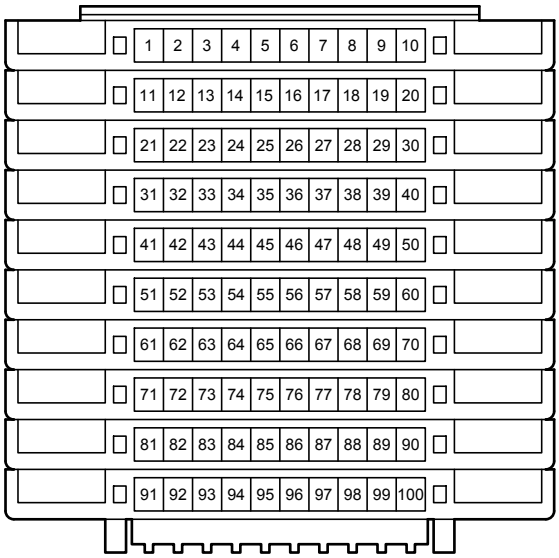
E 59



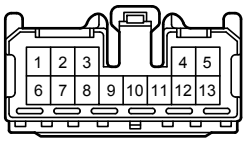
E 60



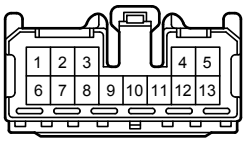
E 61



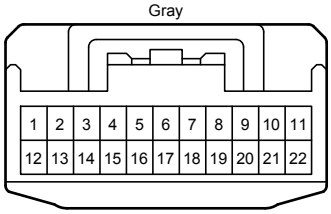
E 62
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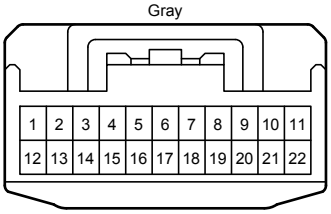
E 66
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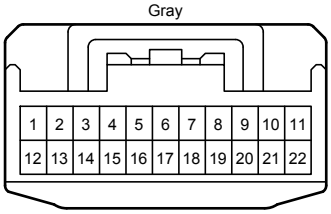
E 68
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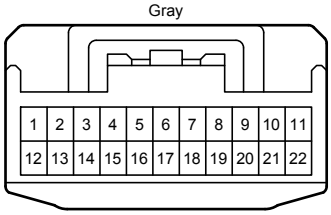
E 69
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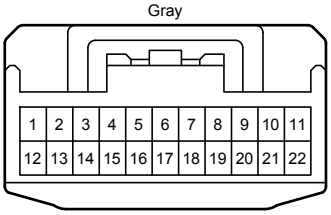
E 71
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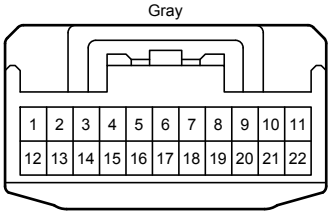
E 72
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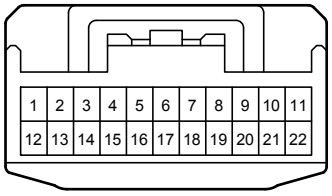
E 73
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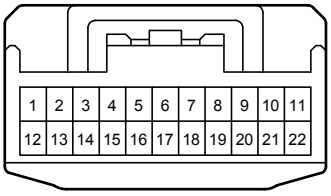
E 74
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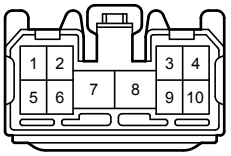
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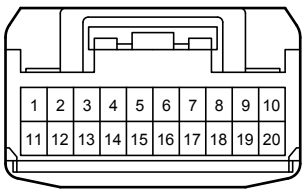
E 76
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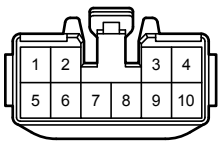
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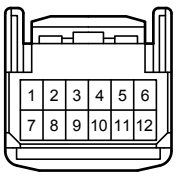
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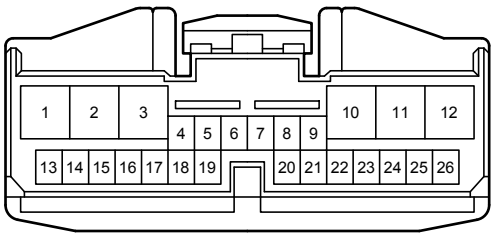
E 83
Blue



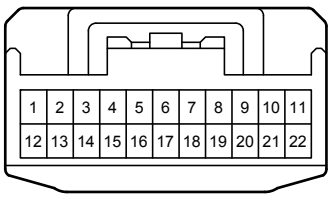
E 85
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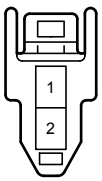
E108
White



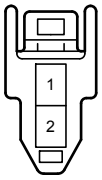
F 73
Blue



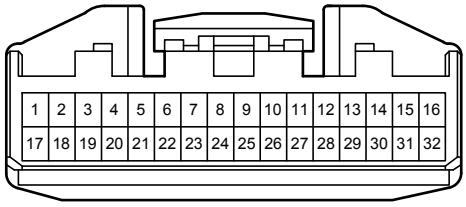
L 29
White



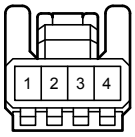
L 30
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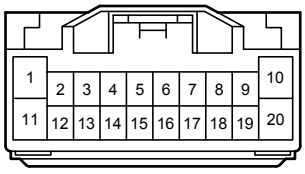
R 7
White



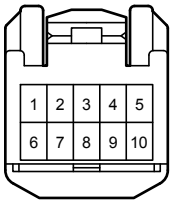
R 11
Black



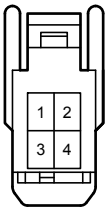
V 4
White



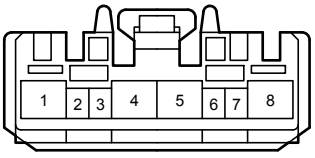
z 36
White



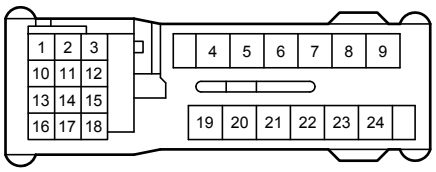
z 37
White



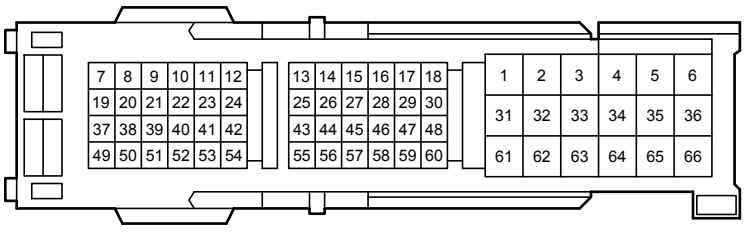
1B
White



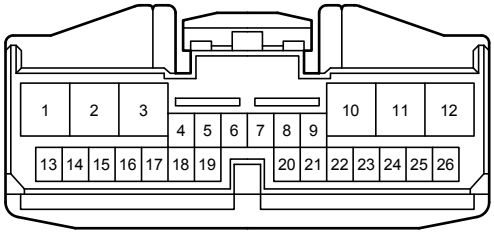
2B
White



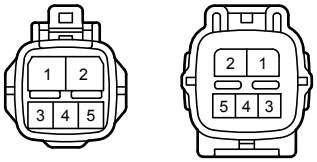
2D
White



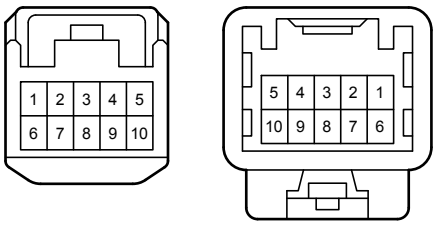
3C
White



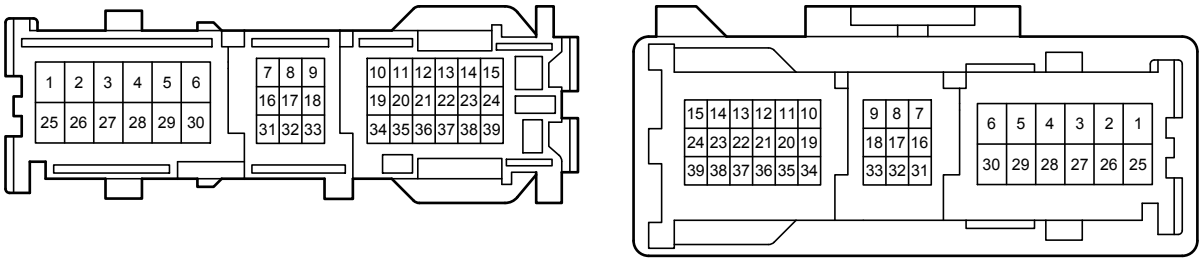
AA1
Gray



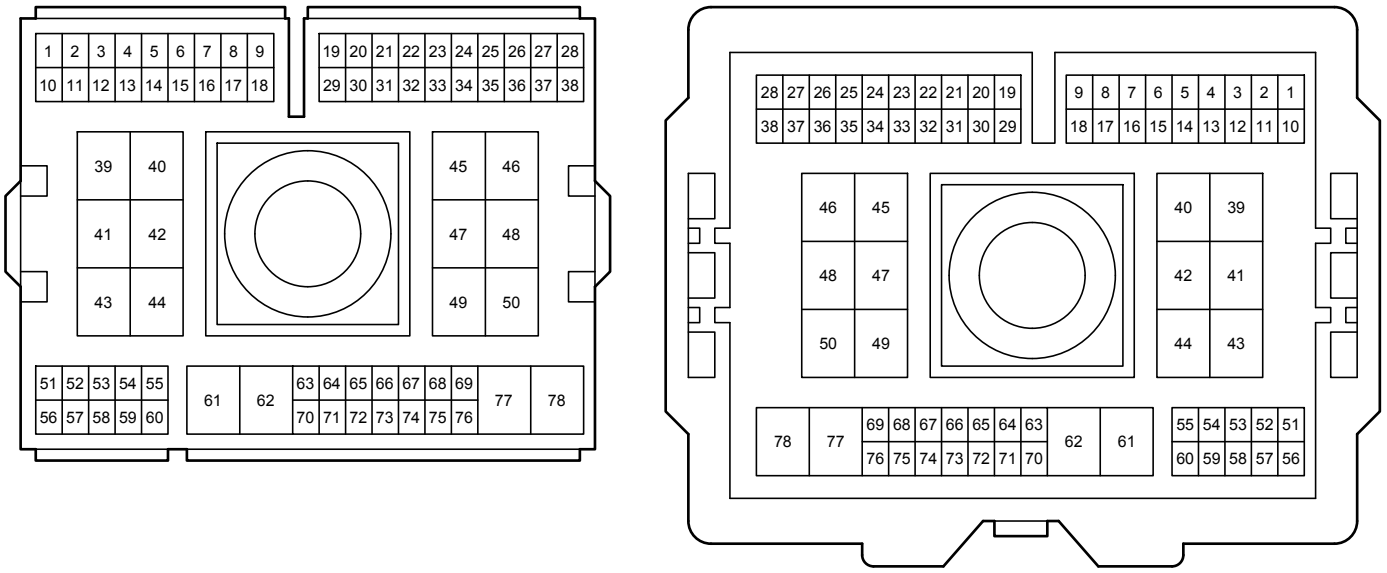
AE3
Gray



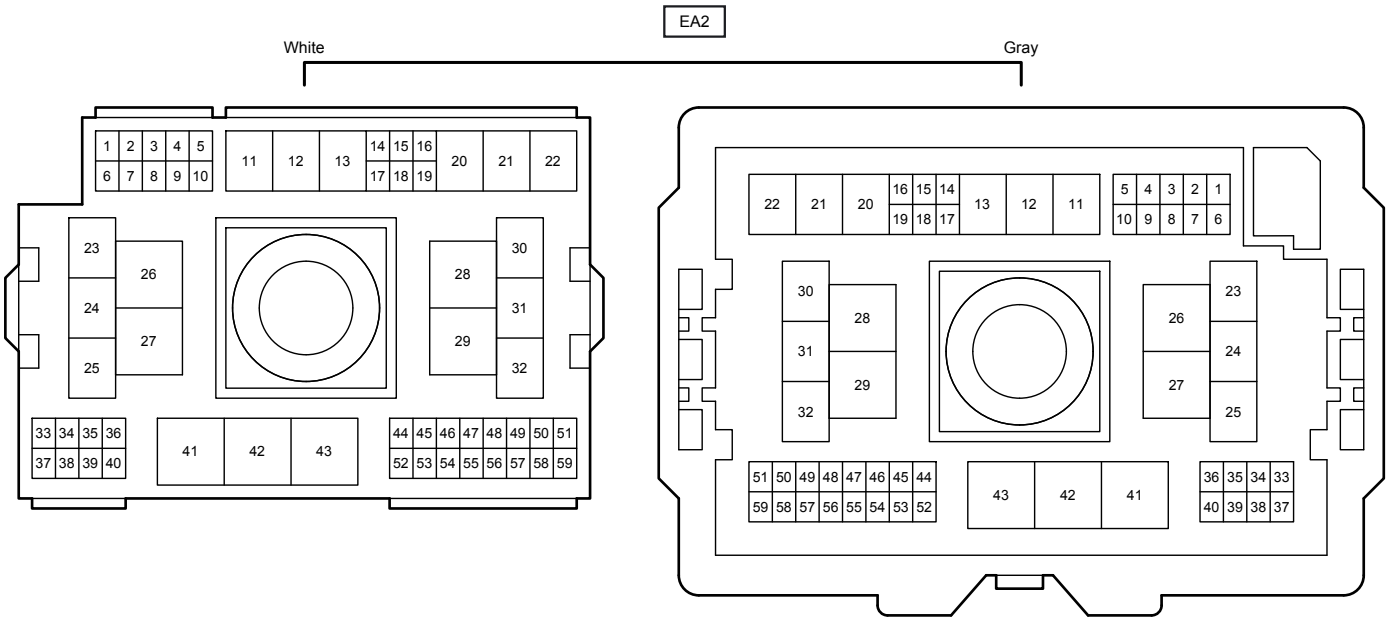
CA3
White



EA1
White

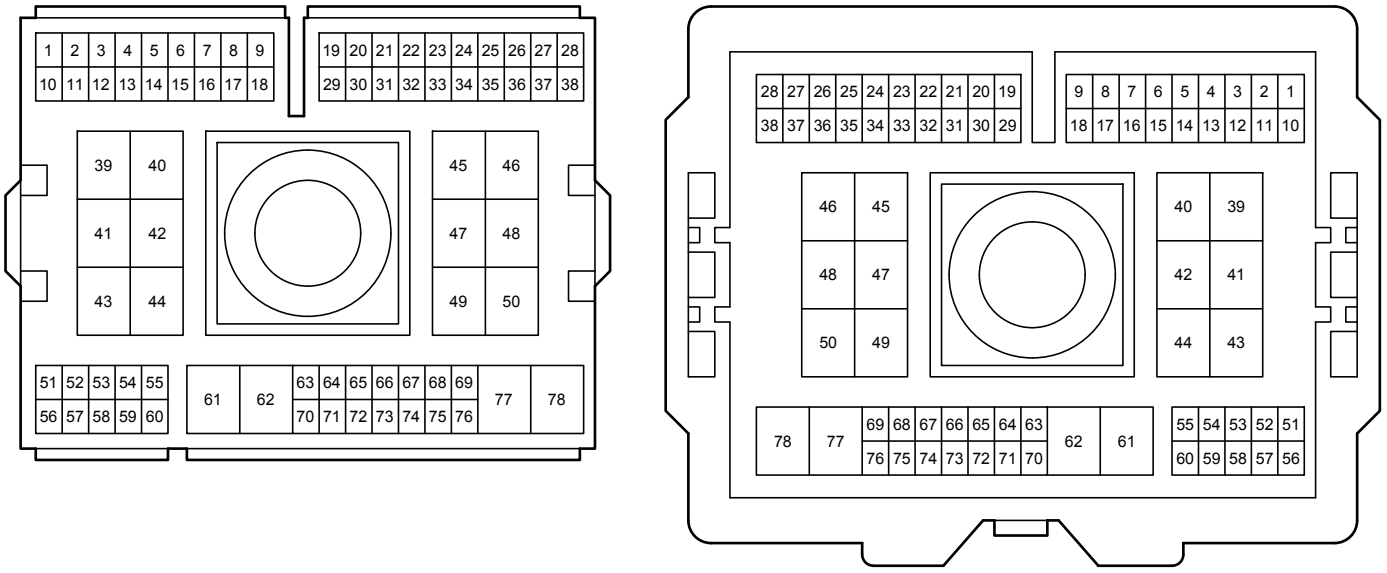


EA2



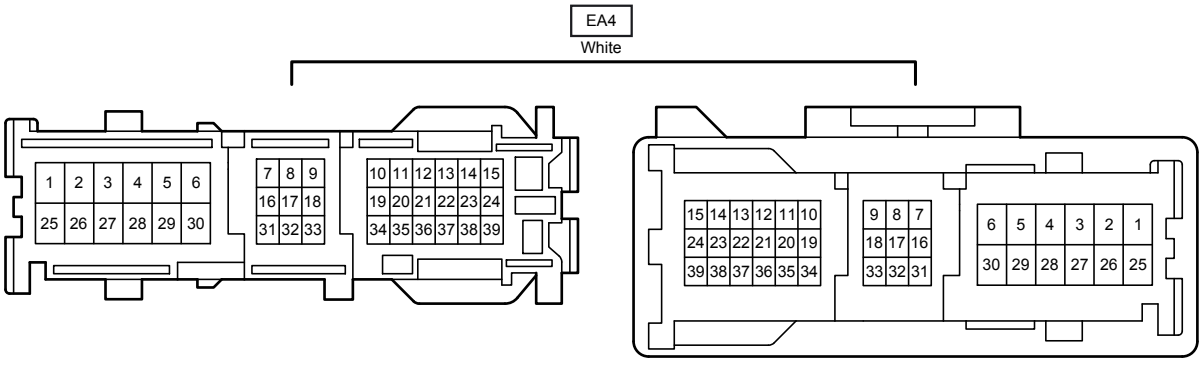
EA3

White

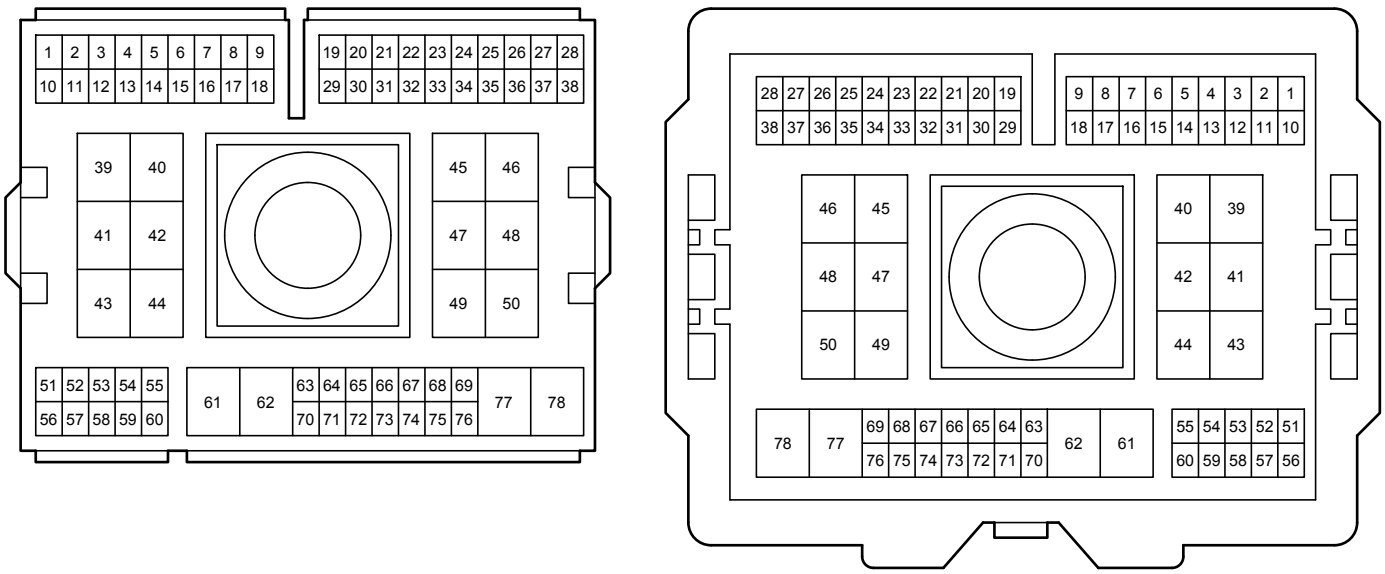


EA4

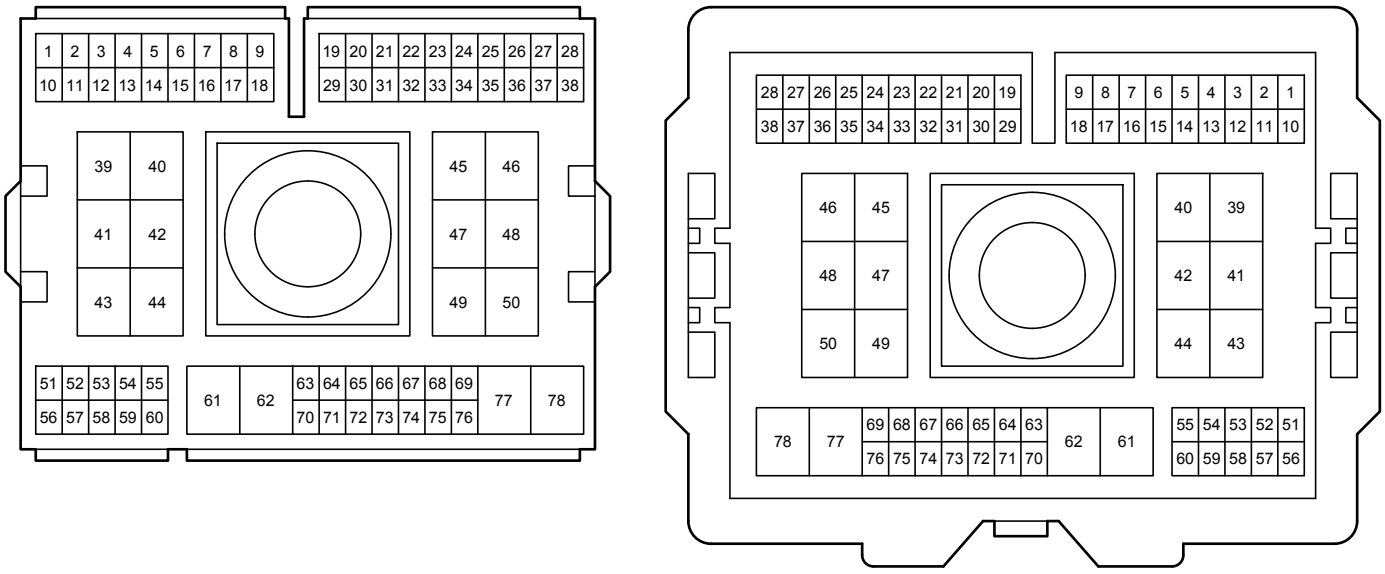
White



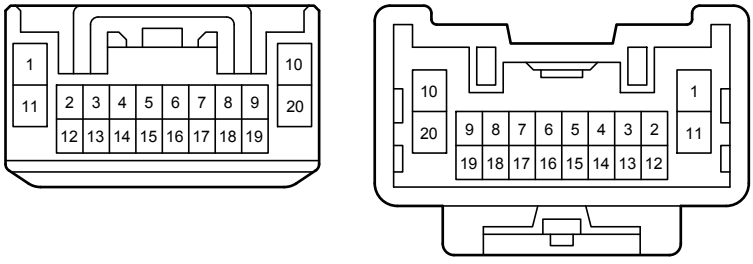
EK2
White



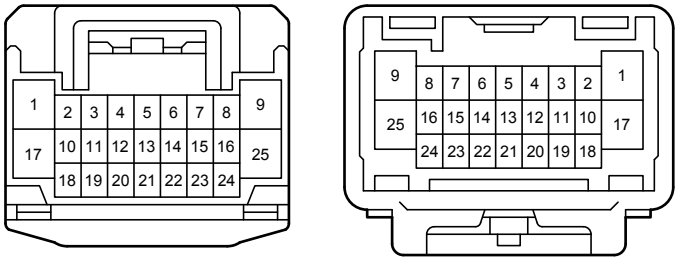
EL1
White



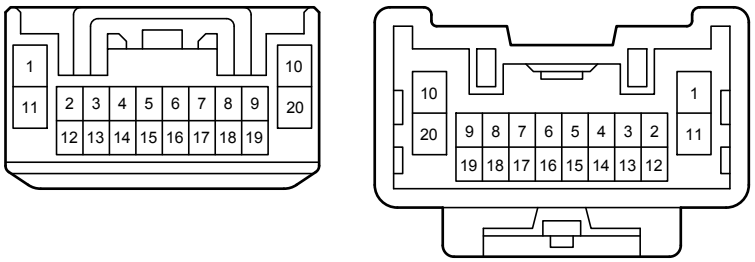
FE4
White



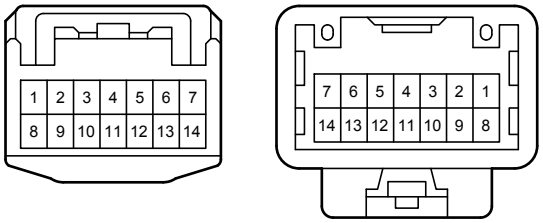
KL1
White



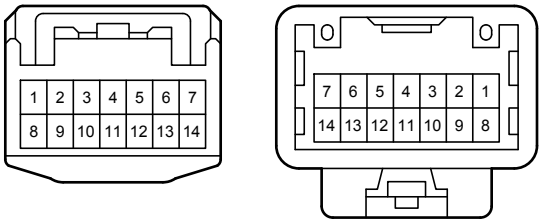
RE2
Blue

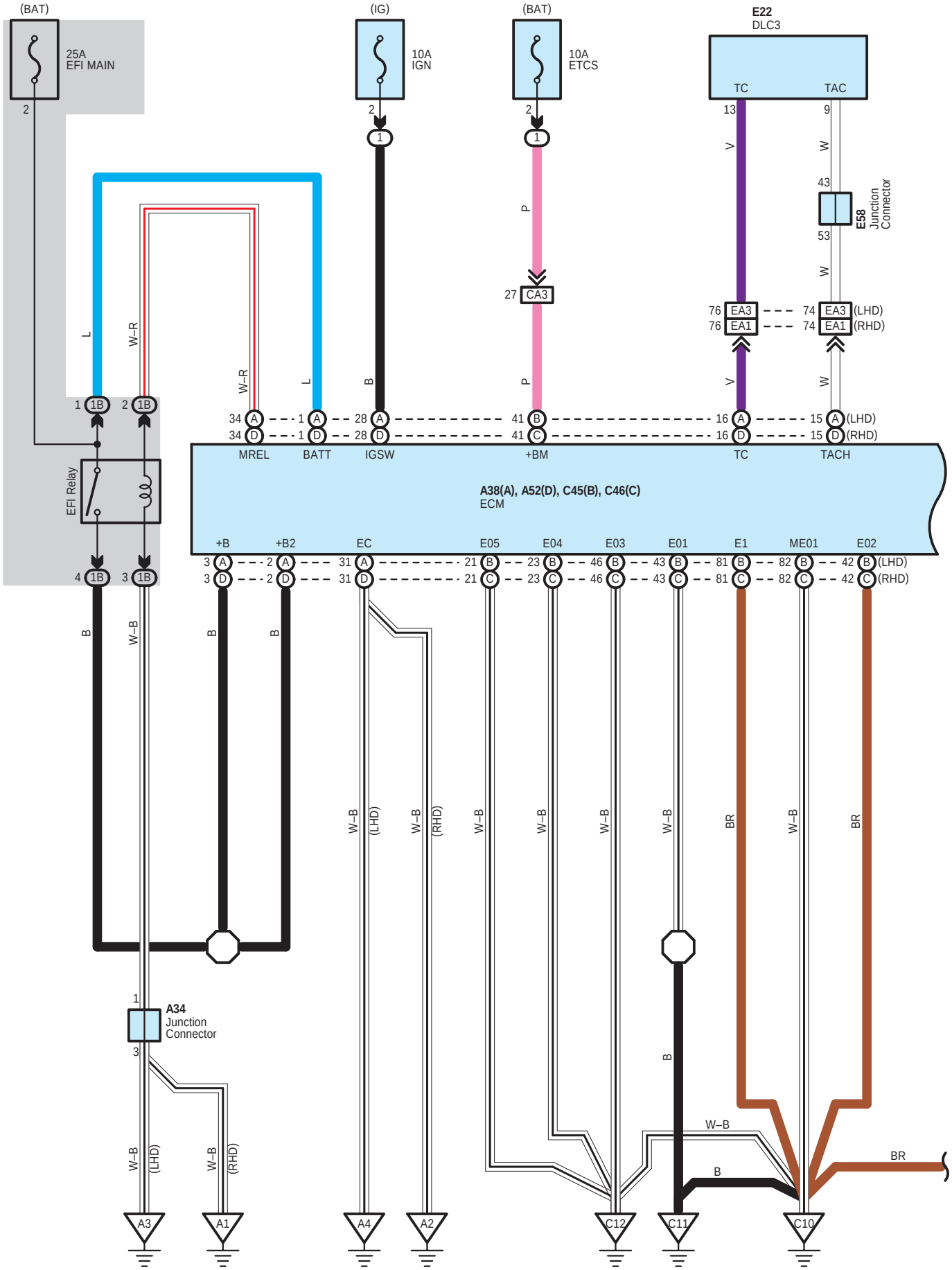


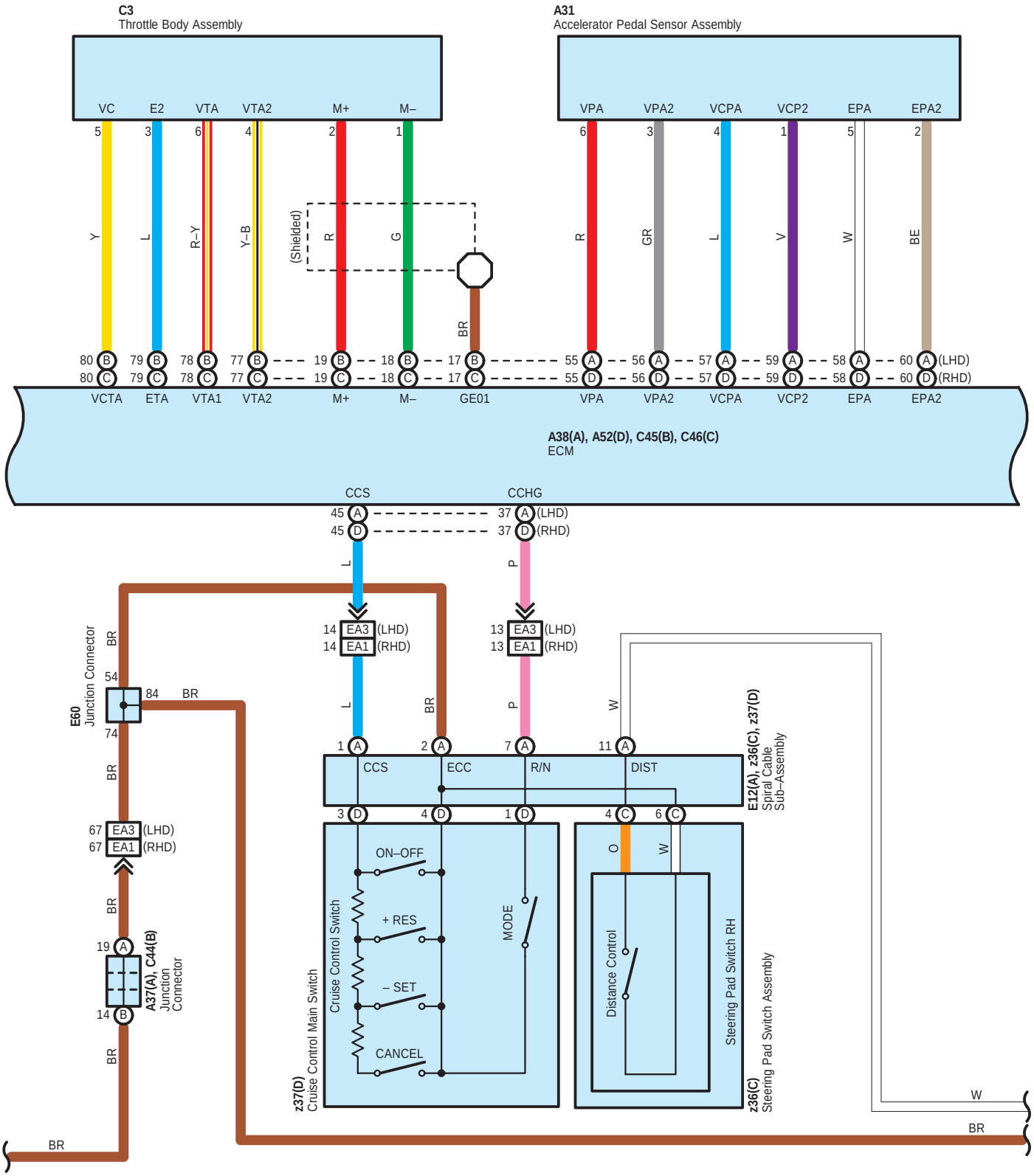
VE1
White

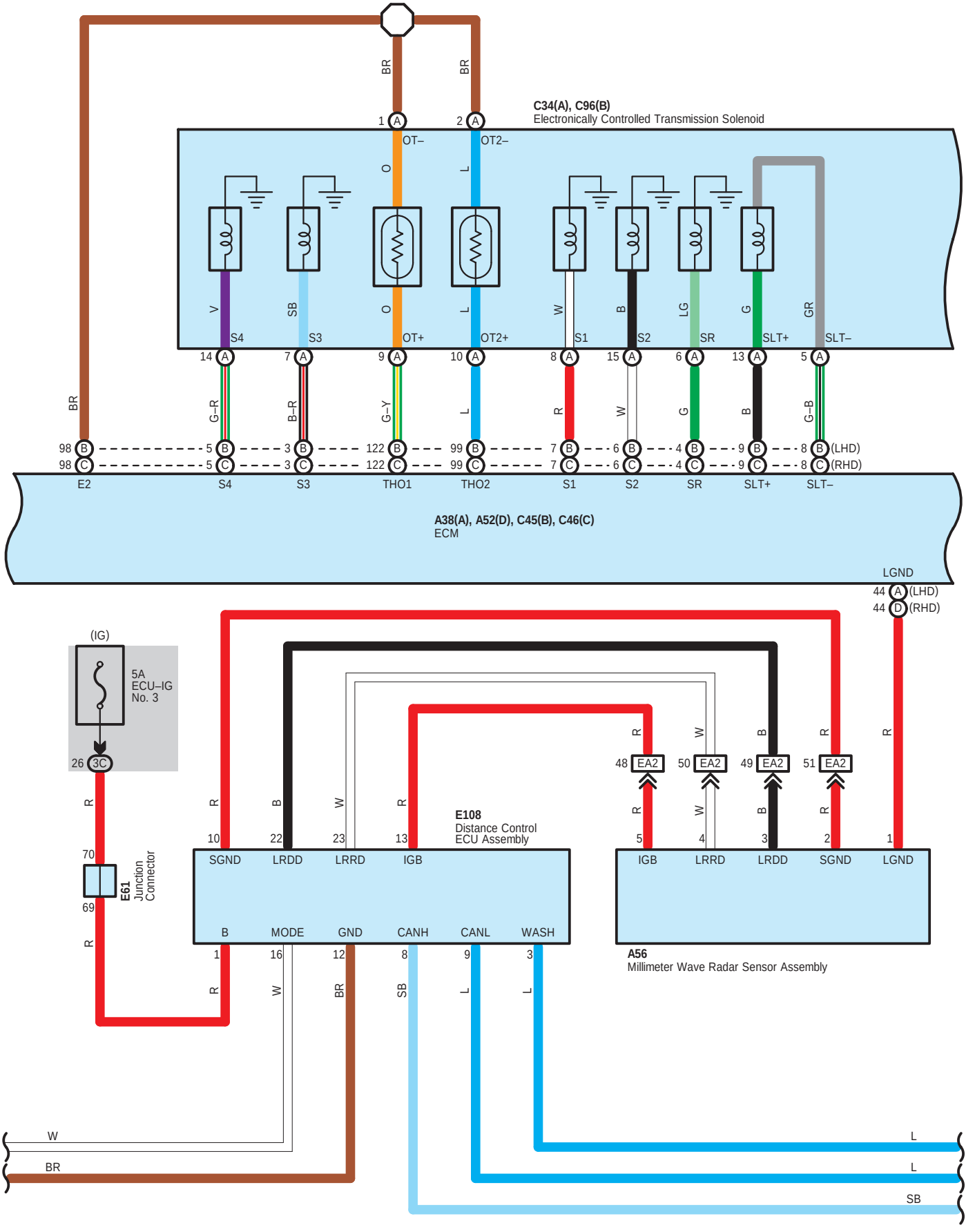


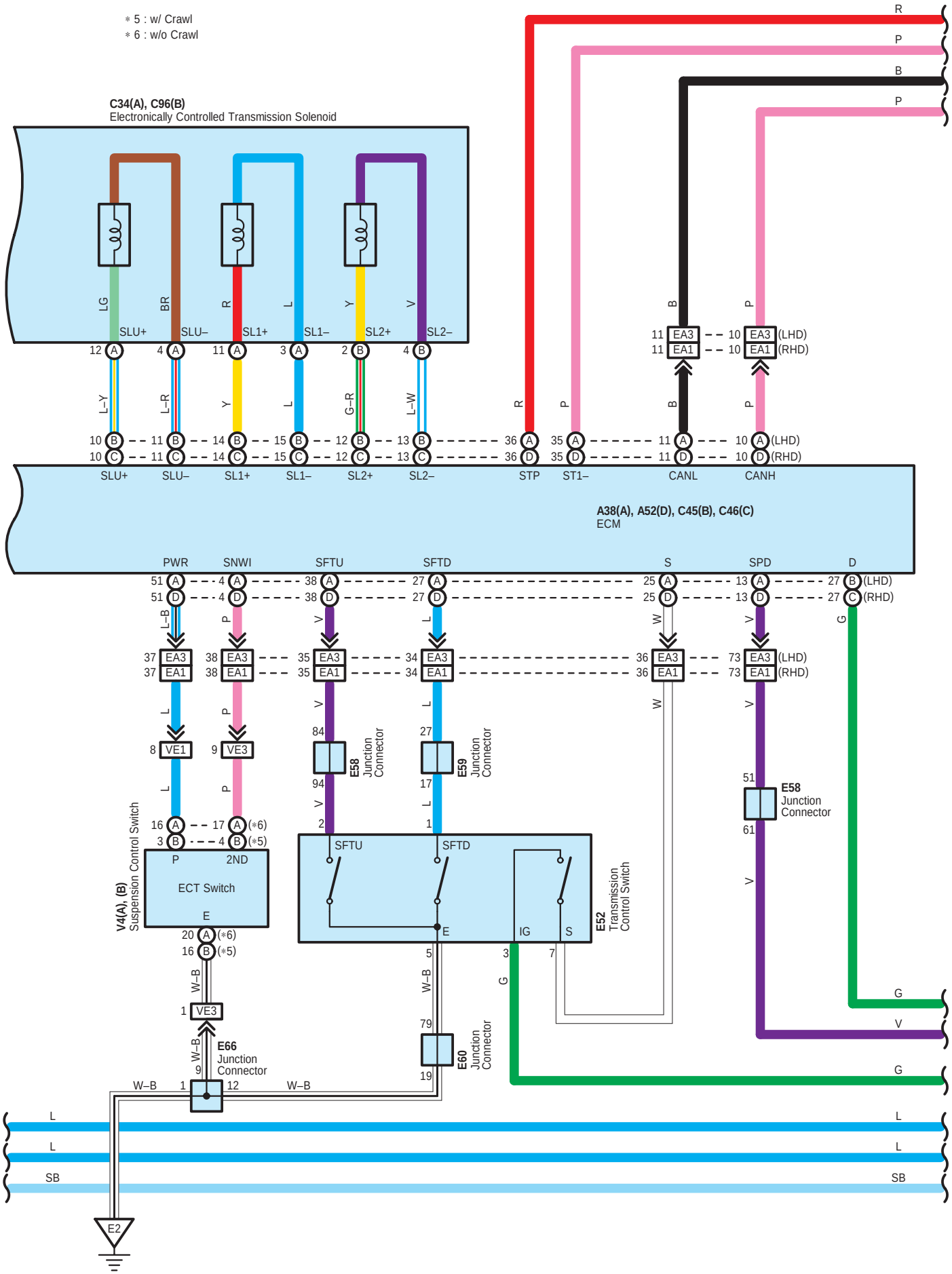
VE3
Gray

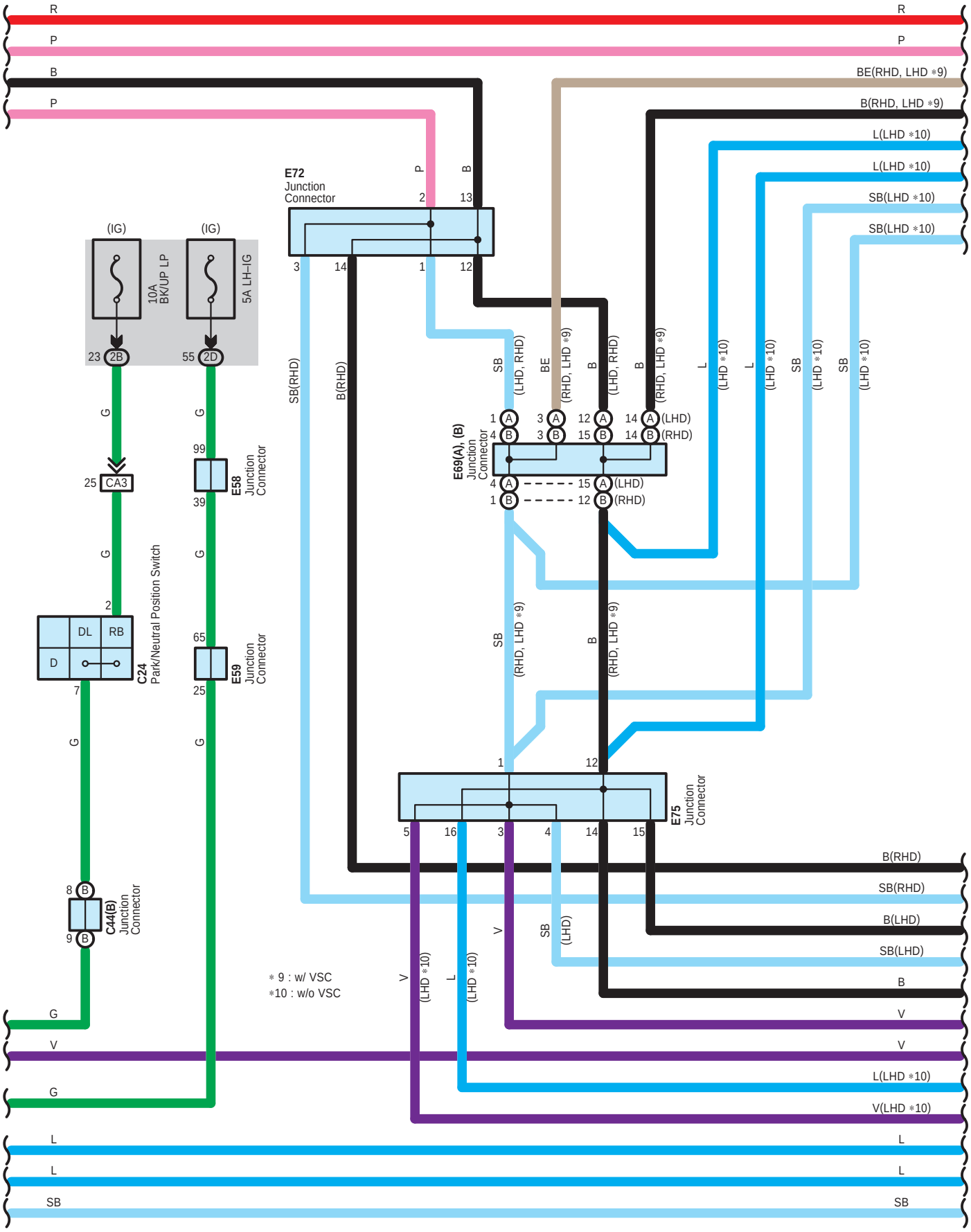


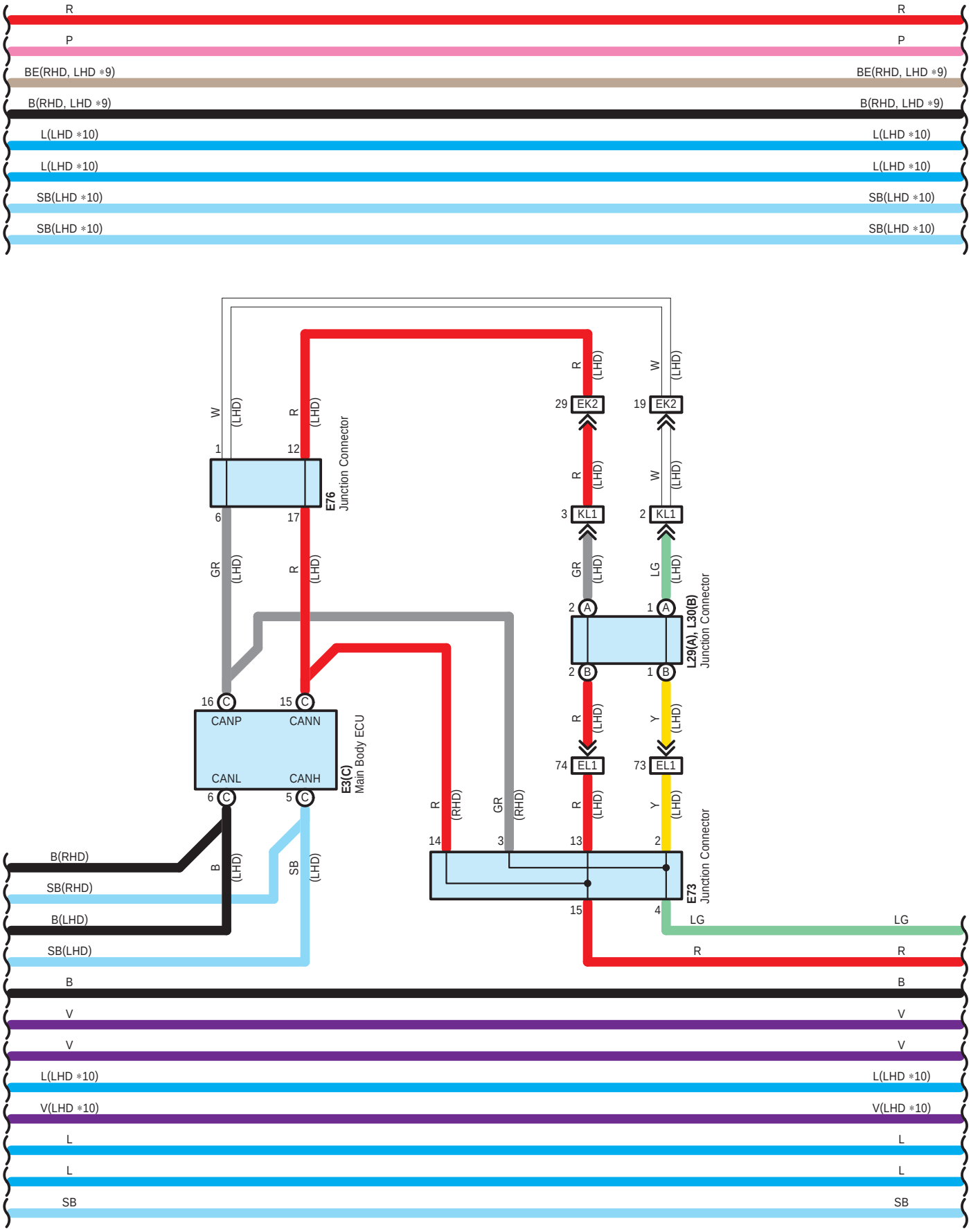

(BAT)
25A
EFI MAIN
(IG)
10A
IGN
(BAT)
10A
ETCS
E22
DLC3
TC
TAC
E58
Junction
Connector
CA3
EA3
EA1
(LHD)
(RHD)
EFI Relay
MREL
BATT
IGSW
+BM
TC
TACH
A38(A), A52(D), C45(B), C46(C)
ECM
+B
+B2
EC
E05
E04
E03
E01
E1
ME01
E02
A34
Junction
Connector
A3
A1
A4
A2
C12
C11
C10

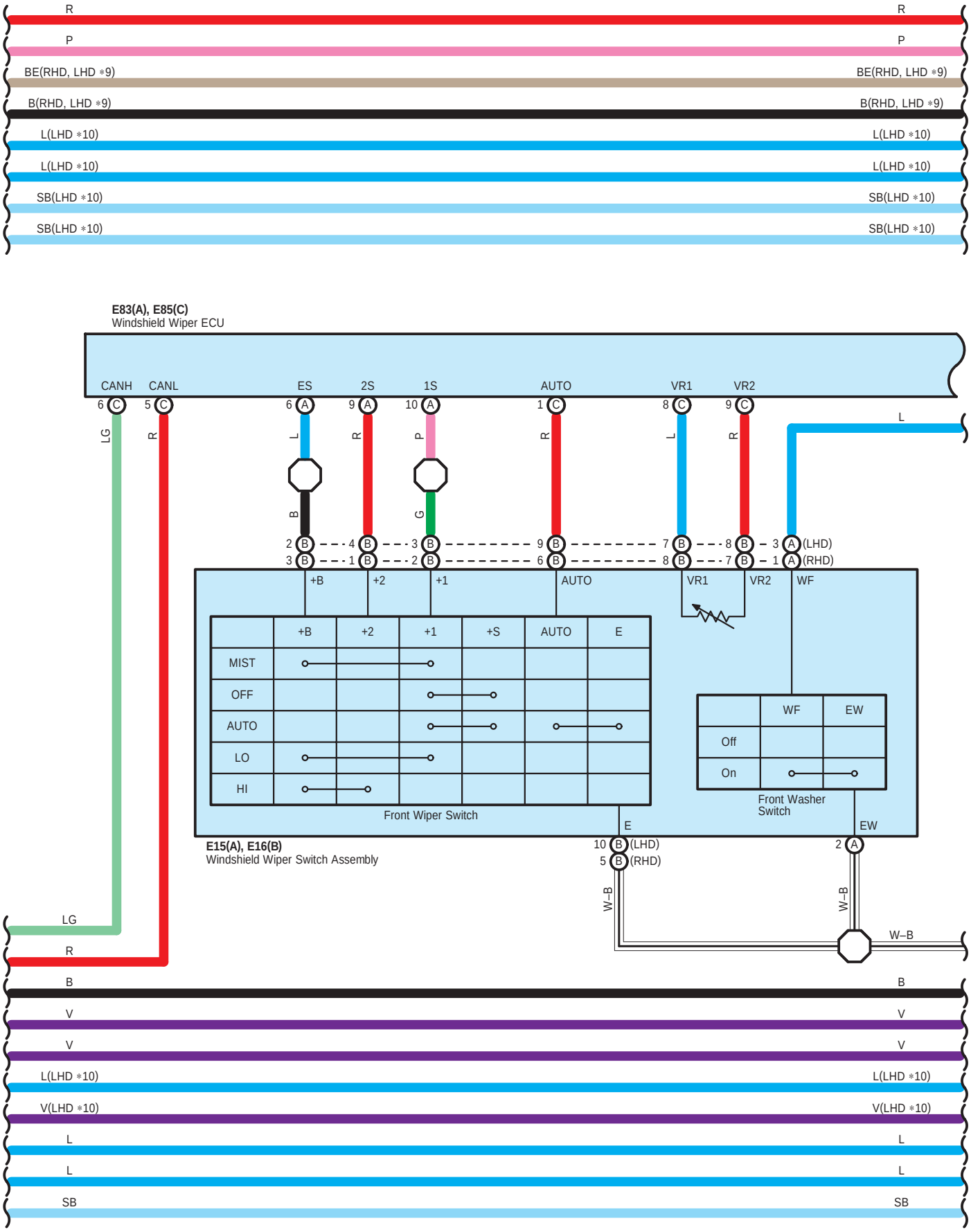

C3
Throttle Body Assembly
VC
E2
VTA
VTA2
M+
M–
A31
Accelerator Pedal Sensor Assembly
VPA
VPA2
VCPA
VCP2
EPA
EPA2
(Shielded)
VCTA
ETA
VTA1
VTA2
M+
M–
GE01
VPA
VPA2
VCPA
VCP2
EPA
EPA2
(LHD)
(RHD)
A38(A), A52(D), C45(B), C46(C)
ECM
CCS
CCHG
EA3
EA1
E60
Junction Connector
A37(A), C44(B)
Junction
Connector
E12(A), z36(C), z37(D)
Spiral Cable
Sub–Assembly
ON–OFF
+ RES
– SET
CANCEL
MODE
Cruise Control Switch
z37(D)
Cruise Control Main Switch
Distance Control
Steering Pad Switch RH
z36(C)
Steering Pad Switch Assembly

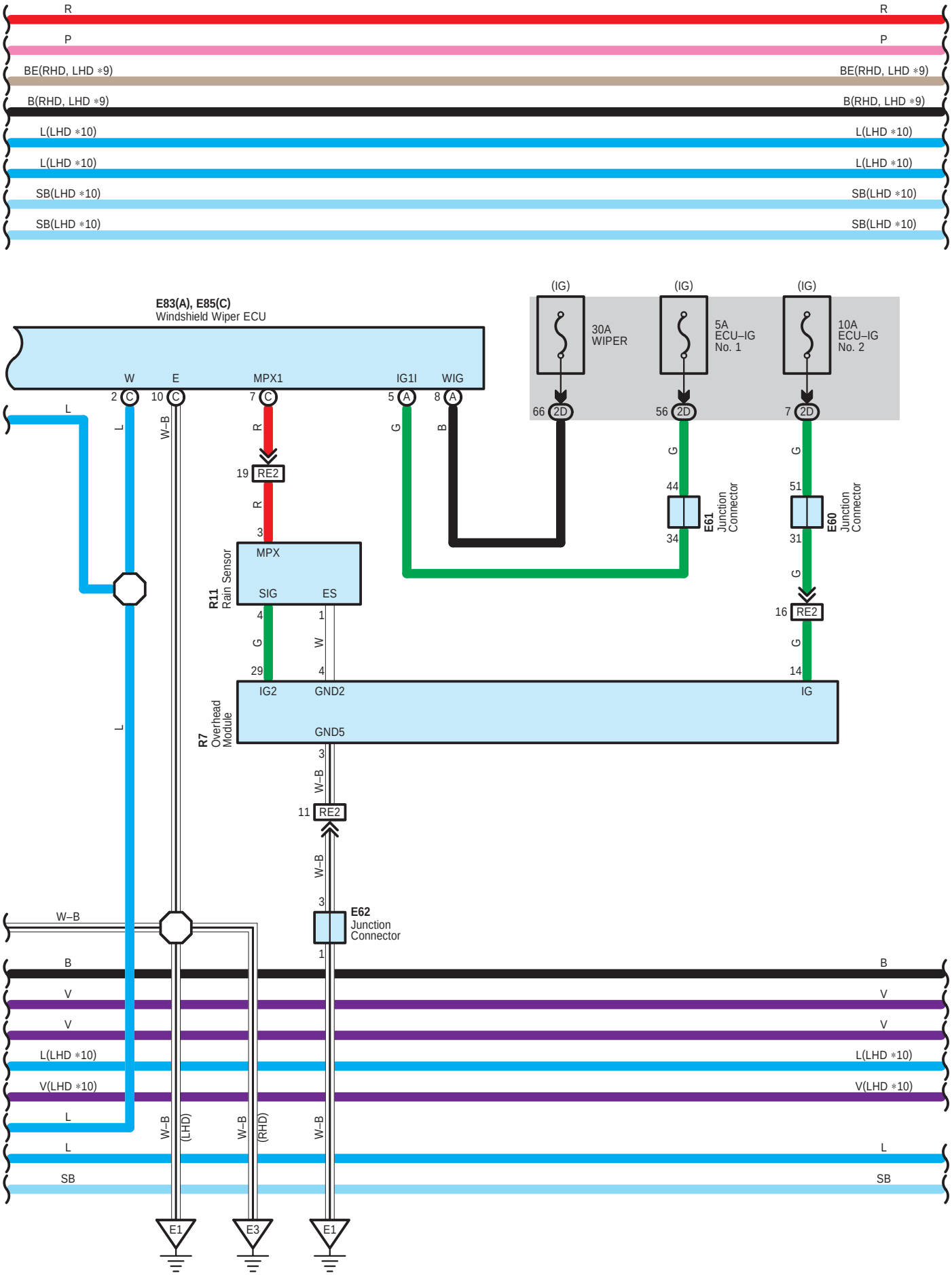

C34(A), C96(B)
Electronically Controlled Transmission Solenoid
1 A
2 A
BR
BR
OT–
OT2–
O
L
V
SB
O
L
W
B
LG
G
GR
S4
S3
OT+
OT2+
S1
S2
SR
SLT+
SLT–
14 A
7 A
9 A
10 A
8 A
15 A
6 A
13 A
5 A
G–R
B–R
G–Y
L
R
W
G
B
G–B
98 B
98 C
5 B
5 C
3 B
3 C
122 B
122 C
99 B
99 C
7 B
7 C
6 B
6 C
4 B
4 C
9 B
9 C
8 B
8 C
(LHD)
(RHD)
E2
S4
S3
THO1
THO2
S1
S2
SR
SLT+
SLT–
A38(A), A52(D), C45(B), C46(C)
ECM
LGND
44 A (LHD)
44 D (RHD)
(IG)
5A
ECU–IG
No. 3
26 3C
R
70
E61
Junction
Connector
69
R
R
B
W
R
10
22
23
13
SGND
LRDD
LRRD
IGB
E108
Distance Control
ECU Assembly
B
MODE
GND
CANH
CANL
WASH
1
16
12
8
9
3
R
W
BR
SB
L
L
R
W
B
R
48 EA2
50 EA2
49 EA2
51 EA2
R
W
B
R
5
4
3
2
1
IGB
LRRD
LRDD
SGND
LGND
A56
Millimeter Wave Radar Sensor Assembly
W
BR
L
L
SB

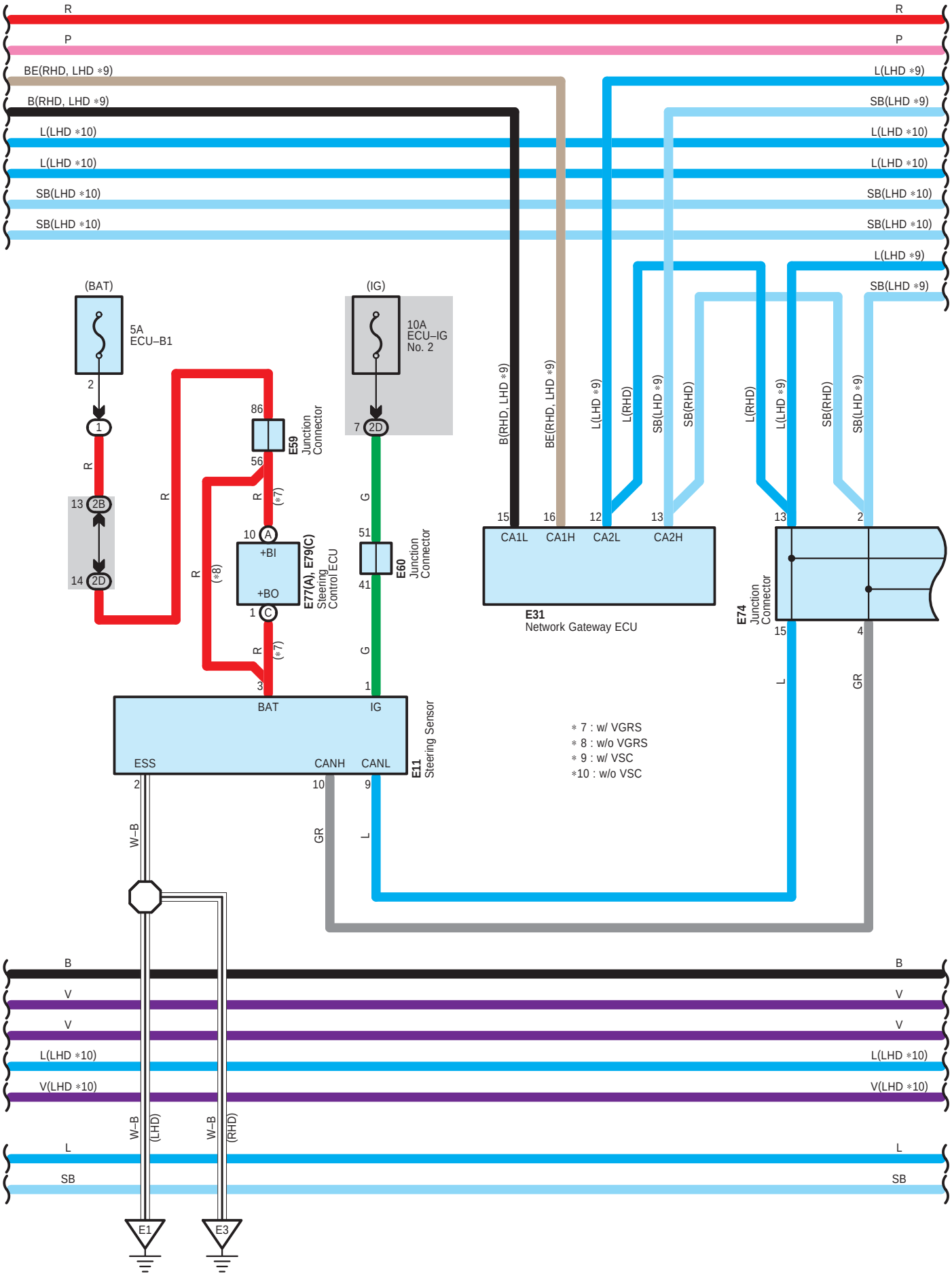

∗ 5 : w/ Crawl
∗ 6 : w/o Crawl
C34(A), C96(B)
Electronically Controlled Transmission Solenoid
SLU+
SLU–
SL1+
SL1–
SL2+
SL2–
A38(A), A52(D), C45(B), C46(C)
ECM
STP
ST1–
CANL
CANH
PWR
SNWI
SFTU
SFTD
S
SPD
D
E58 Junction Connector
E59 Junction Connector
E60 Junction Connector
E66 Junction Connector
V4(A), (B) Suspension Control Switch
ECT Switch
P
2ND
E
E52 Transmission Control Switch
IG
E2

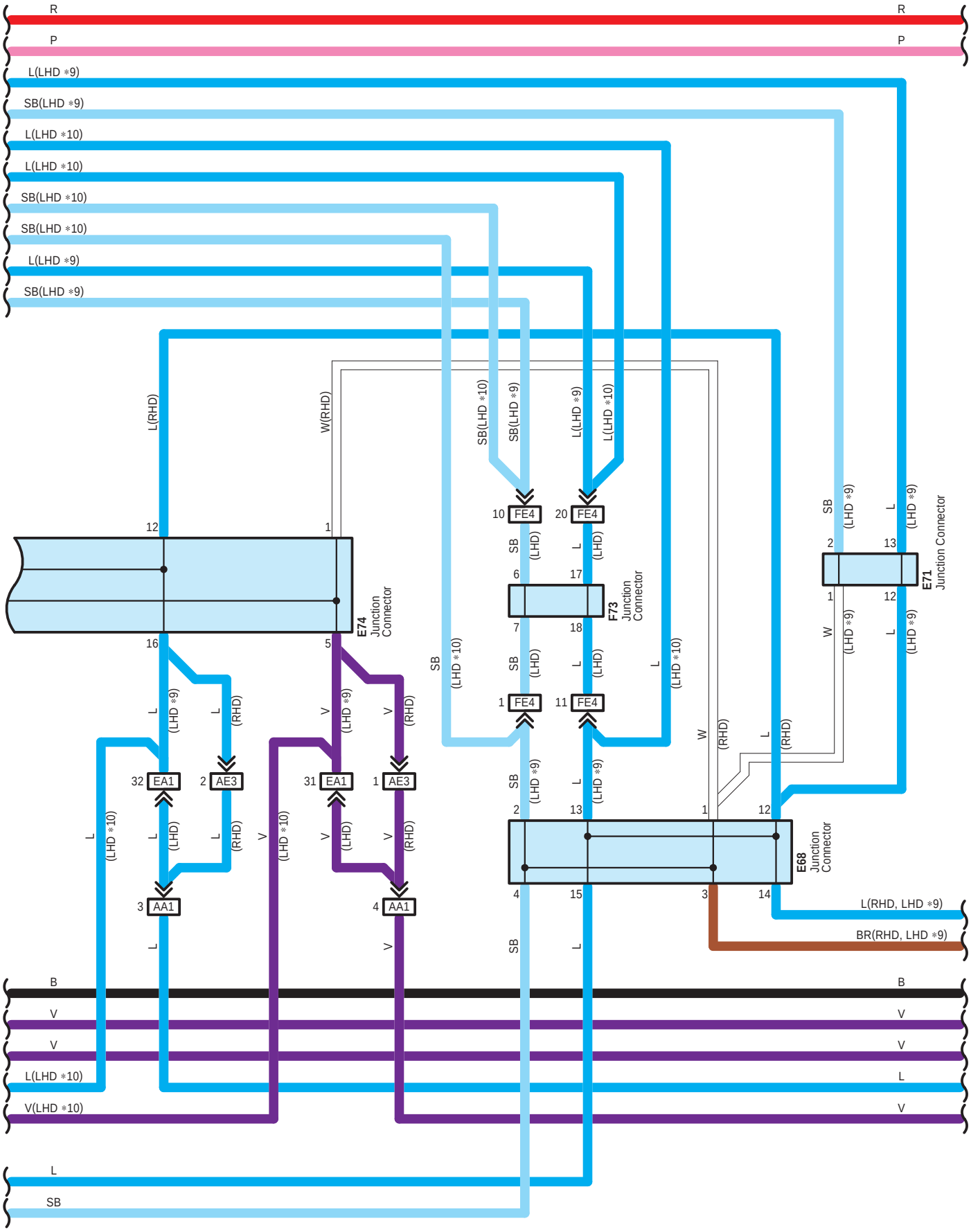

R
P
B
P
R
P
BE(RHD, LHD *9)
B(RHD, LHD *9)
L(LHD *10)
L(LHD *10)
SB(LHD *10)
SB(LHD *10)
E72
Junction
Connector
(IG)
(IG)
10A
BK/UP LP
5A LH-IG
23 2B
55 2D
G
25 CA3
99
39
E58
Junction
Connector
2
DL
RB
D
C24
Park/Neutral Position Switch
65
25
E59
Junction
Connector
7
8 B
9 B
C44(B)
Junction
Connector
SB(RHD)
B(RHD)
SB
(LHD, RHD)
BE
(RHD, LHD *9)
B
(LHD, RHD)
B
(RHD, LHD *9)
L
(LHD *10)
L
(LHD *10)
SB
(LHD *10)
SB
(LHD *10)
E69(A), (B)
Junction
Connector
(LHD)
(RHD)
E75
Junction
Connector
B(RHD)
SB(RHD)
B(LHD)
SB(LHD)
B
V
V
L(LHD *10)
V(LHD *10)
L
L
SB
* 9 : w/ VSC
*10 : w/o VSC

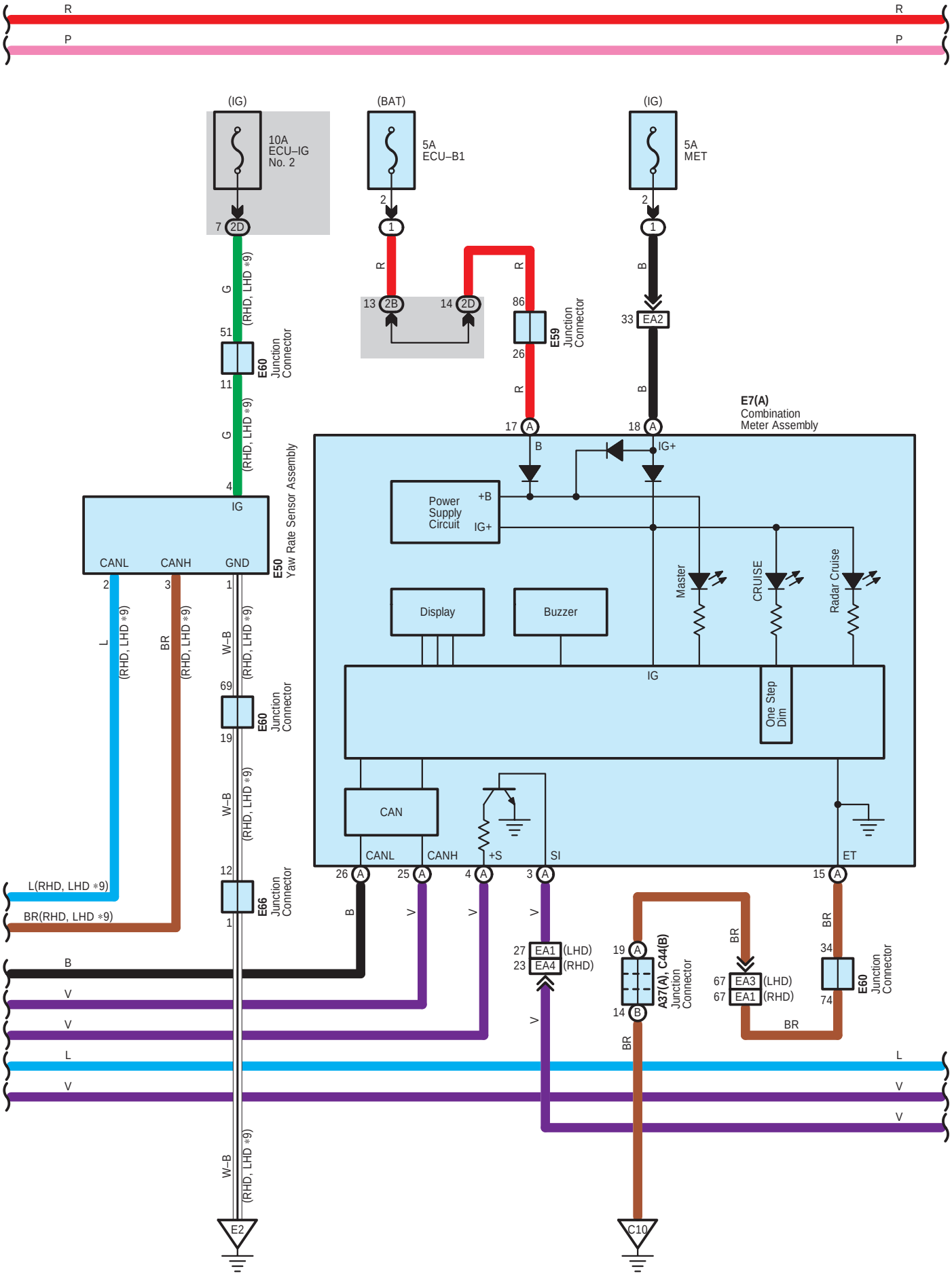

R
P
BE(RHD, LHD *9)
B(RHD, LHD *9)
L(LHD *10)
L(LHD *10)
SB(LHD *10)
SB(LHD *10)
E76
Junction Connector
E3(C)
Main Body ECU
CANP
CANN
CANL
CANH
L29(A), L30(B)
Junction Connector
E73
Junction Connector
EK2
KL1
EL1
B(RHD)
SB(RHD)
B(LHD)
SB(LHD)
LG
B
V
V(LHD *10)
L
SB

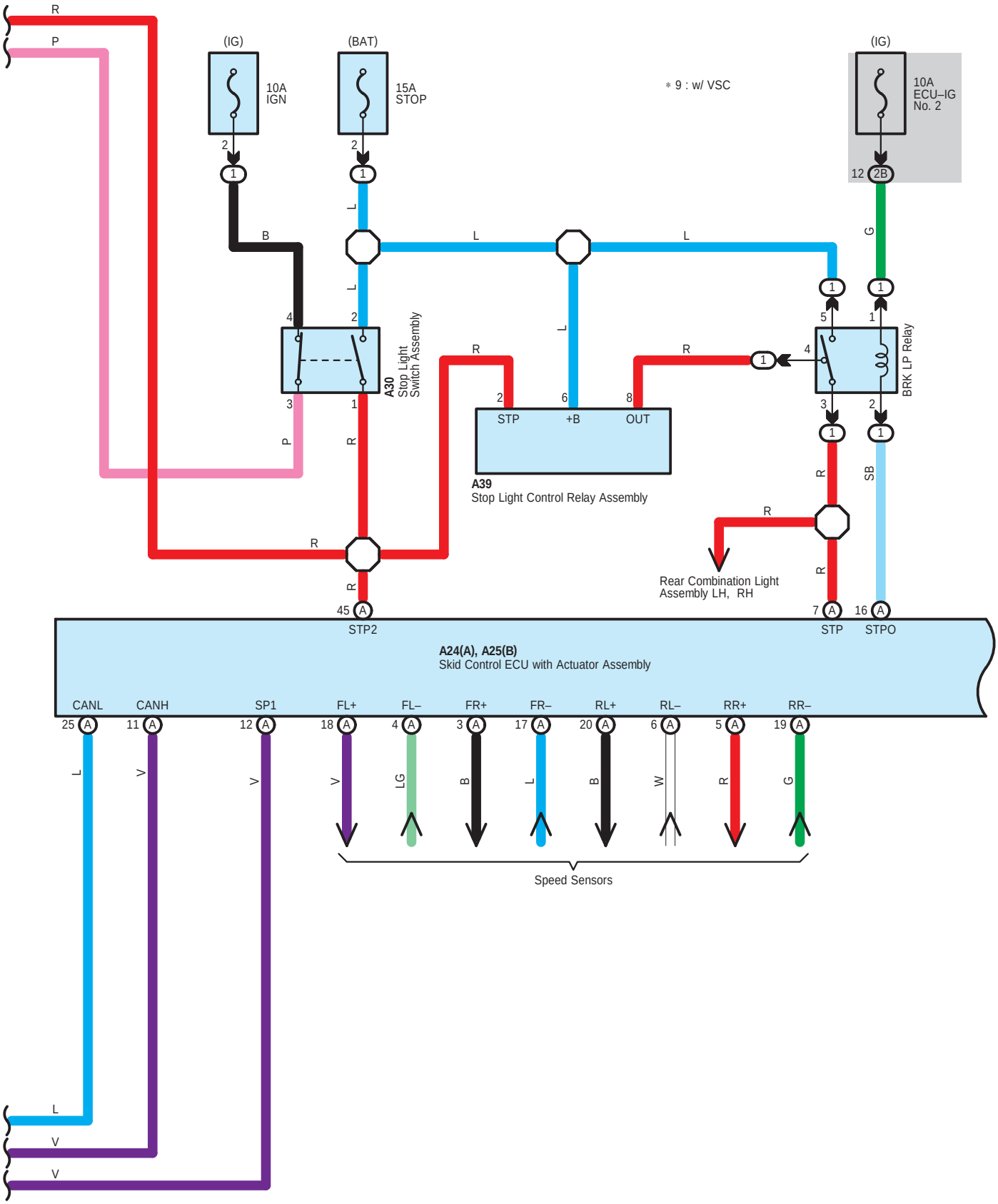

R
P
BE(RHD, LHD *9)
B(RHD, LHD *9)
L(LHD *10)
L(LHD *10)
SB(LHD *10)
SB(LHD *10)
E83(A), E85(C)
Windshield Wiper ECU
CANH
CANL
ES
2S
1S
AUTO
VR1
VR2
LG
R
L
P
B
G
(LHD)
(RHD)
+B
+2
+1
+S
AUTO
E
MIST
OFF
AUTO
LO
HI
Front Wiper Switch
WF
EW
Off
On
Front Washer Switch
E15(A), E16(B)
Windshield Wiper Switch Assembly
W–B
V
V
L
L
SB
* 9 : w/ VSC
*10 : w/o VSC

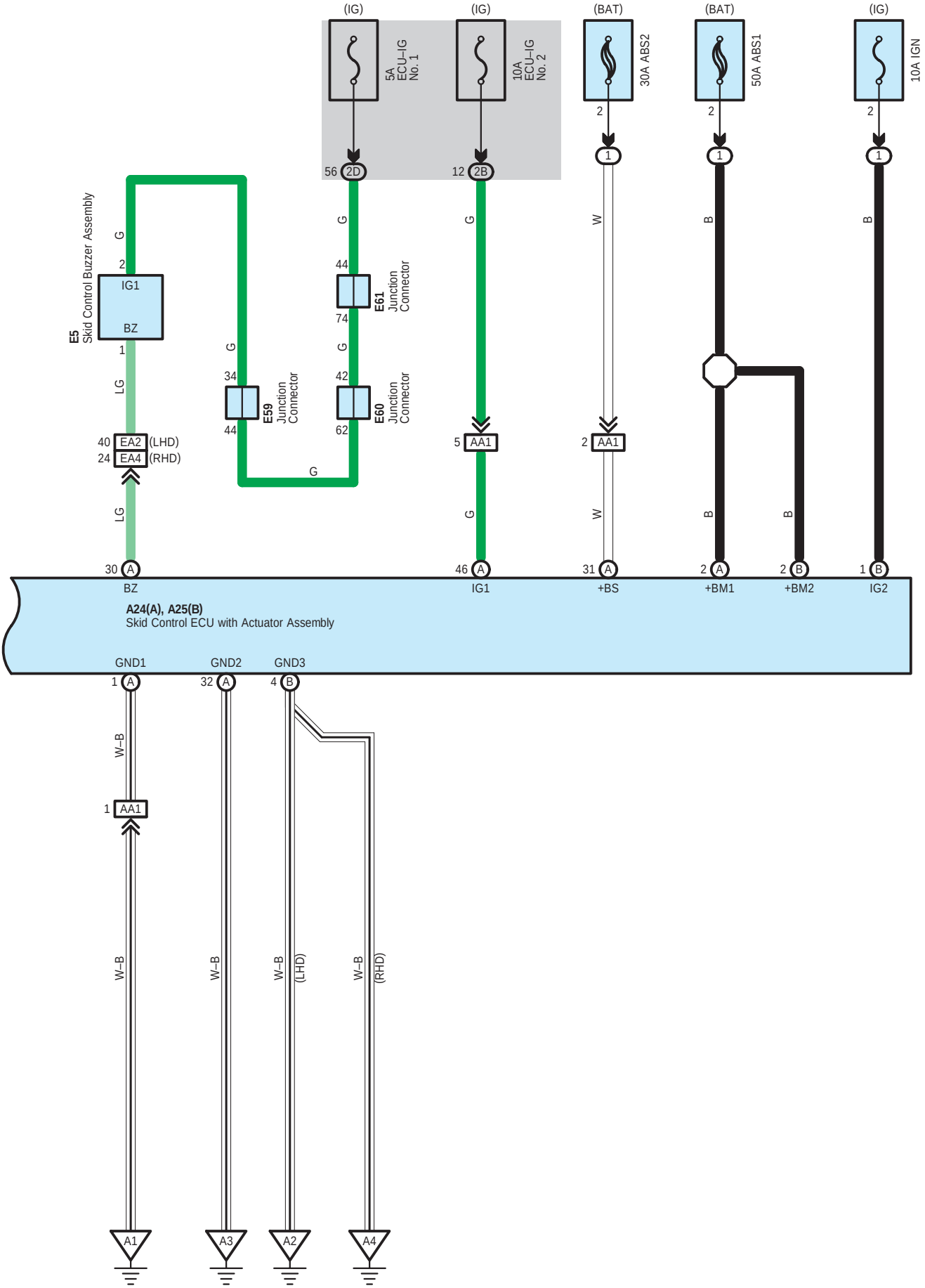

R
P
BE(RHD, LHD *9)
B(RHD, LHD *9)
L(LHD *10)
L(LHD *10)
SB(LHD *10)
SB(LHD *10)
E83(A), E85(C)
Windshield Wiper ECU
W
E
MPX1
IG1I
WIG
2 C
10 C
7 C
5 A
8 A
(IG)
30A
WIPER
5A
ECU–IG
No. 1
10A
ECU–IG
No. 2
66 2D
56 2D
7 2D
19 RE2
3
MPX
SIG
ES
R11
Rain Sensor
4
1
29
4
IG2
GND2
IG
GND5
R7
Overhead
Module
44
34
E61
Junction
Connector
51
31
E60
Junction
Connector
16 RE2
14
3
11 RE2
3
E62
Junction
Connector
1
W–B
(LHD)
W–B
(RHD)
W–B
E1
E3
E1


R
P
BE(RHD, LHD ∗9)
B(RHD, LHD ∗9)
L(LHD ∗10)
L(LHD ∗10)
SB(LHD ∗10)
SB(LHD ∗10)
L(LHD ∗9)
SB(LHD ∗9)
L(LHD ∗10)
L(LHD ∗10)
SB(LHD ∗10)
SB(LHD ∗10)
(BAT)
5A
ECU–B1
(IG)
10A
ECU–IG
No. 2
E59
Junction
Connector
E60
Junction
Connector
E77(A), E79(C)
Steering
Control ECU
E31
Network Gateway ECU
CA1L
CA1H
CA2L
CA2H
E74
Junction
Connector
+BI
+BO
BAT
IG
ESS
CANH
CANL
E11
Steering Sensor
∗ 7 : w/ VGRS
∗ 8 : w/o VGRS
∗ 9 : w/ VSC
∗10 : w/o VSC
W–B
(LHD)
W–B
(RHD)
E1
E3
B
V
V
L(LHD ∗10)
V(LHD ∗10)
L
SB

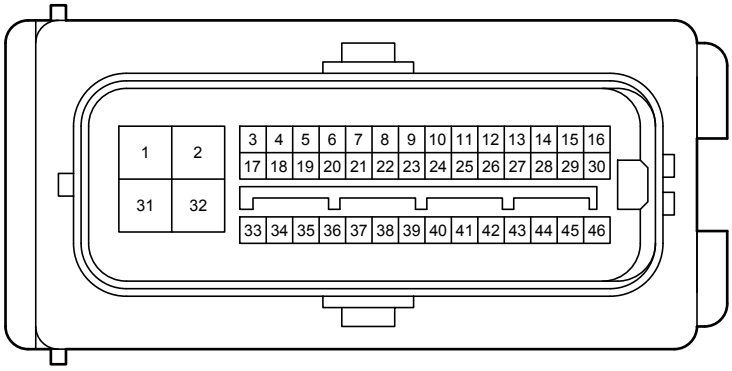

R
P
L(LHD *9)
SB(LHD *9)
L(LHD *10)
L(LHD *10)
SB(LHD *10)
SB(LHD *10)
L(LHD *9)
SB(LHD *9)
L(RHD)
W(RHD)
SB(LHD *10)
SB(LHD *9)
L(LHD *9)
L(LHD *10)
E74 Junction Connector
F73 Junction Connector
E71 Junction Connector
E68 Junction Connector
FE4
EA1
AE3
AA1
L(RHD, LHD *9)
BR(RHD, LHD *9)
B
V
L
SB


R
P
(IG)
10A
ECU–IG
No. 2
(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction
Connector
E60
Junction
Connector
E7(A)
Combination
Meter Assembly
E50
Yaw Rate Sensor Assembly
Power
Supply
Circuit
+B
IG+
Display
Buzzer
Master
CRUISE
Radar Cruise
One Step
Dim
CAN
CANL
CANH
+S
SI
ET
IG
GND
E66
Junction
Connector
A37(A), C44(B)
Junction
Connector
(RHD, LHD *9)
L(RHD, LHD *9)
BR(RHD, LHD *9)
(LHD)
(RHD)
E2
C10

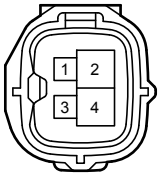

R
P
(IG)
10A
IGN
(BAT)
15A
STOP
* 9 : w/ VSC
(IG)
10A
ECU–IG
No. 2
12 2B
G
B
L
L
L
L
L
4
2
3
1
A30
Stop Light
Switch Assembly
P
R
R
R
2
STP
6
+B
8
OUT
A39
Stop Light Control Relay Assembly
R
4
5
1
3
2
BRK LP Relay
R
SB
R
R
Rear Combination Light
Assembly LH, RH
R
45 A
STP2
7 A
STP
16 A
STPO
A24(A), A25(B)
Skid Control ECU with Actuator Assembly
CANL
CANH
SP1
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
25 A
11 A
12 A
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
L
V
V
V
LG
B
L
B
W
R
G
Speed Sensors
L
V
V


(IG)
(IG)
(BAT)
(BAT)
(IG)
5A ECU–IG No. 1
10A ECU–IG No. 2
30A ABS2
50A ABS1
10A IGN
56 2D
12 2B
2
1
E5
Skid Control Buzzer Assembly
IG1
BZ
E59 Junction Connector
E61 Junction Connector
E60 Junction Connector
40 EA2 (LHD)
24 EA4 (RHD)
5 AA1
2 AA1
30 A
BZ
46 A
IG1
31 A
+BS
2 A
+BM1
2 B
+BM2
1 B
IG2
A24(A), A25(B)
Skid Control ECU with Actuator Assembly
GND1
GND2
GND3
1 A
32 A
4 B
1 AA1
W–B
(LHD)
(RHD)
A1
A3
A2
A4

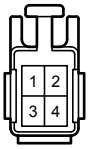
A 24
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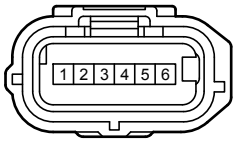
A 25
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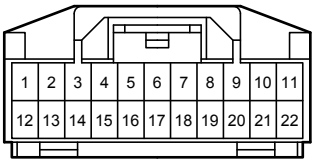
A 30
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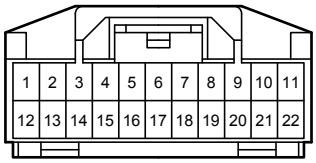
A 31
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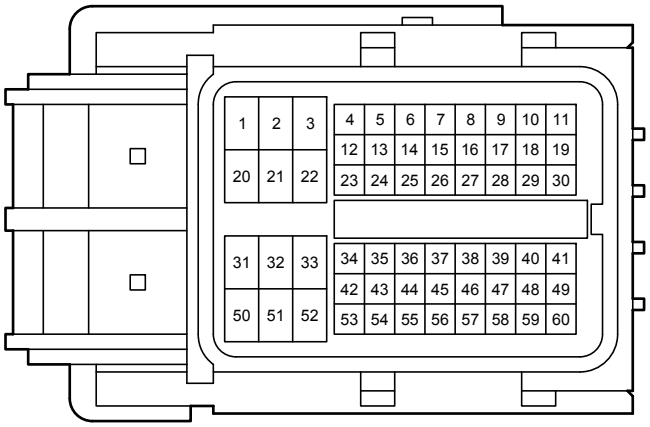
A 34
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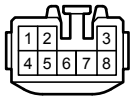
A 37
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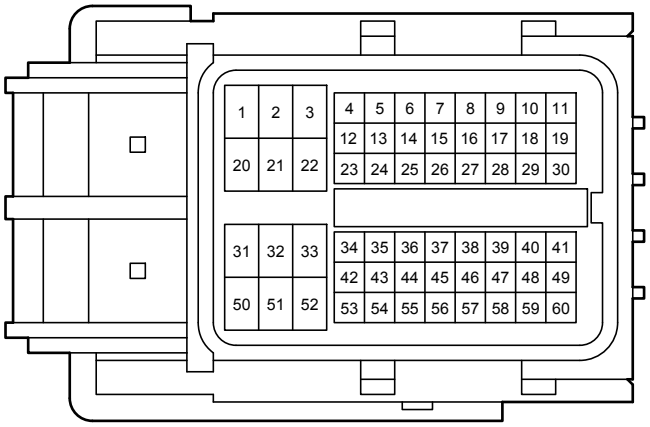
A 38
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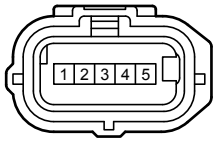
A 39
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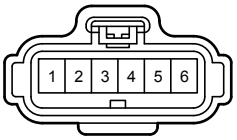
A 52
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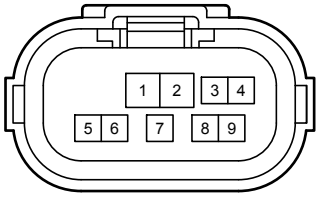
A 56
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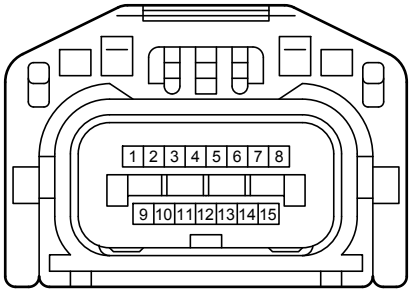
C 3
Black



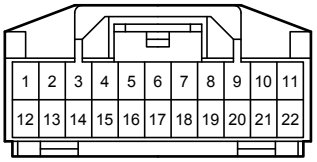
C 24
Gray



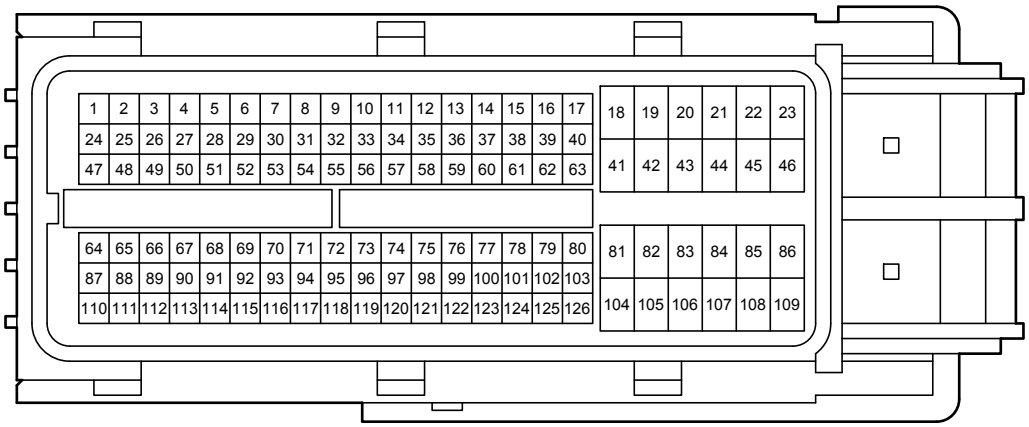
C 34
Gray



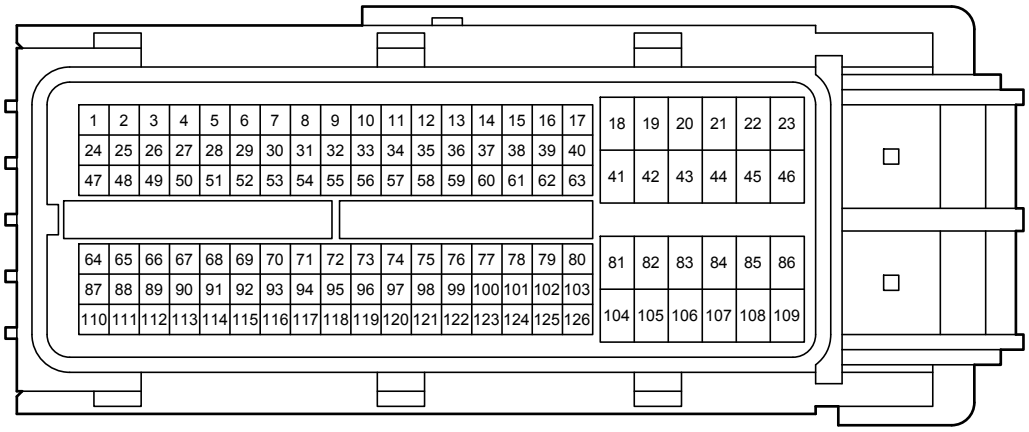
C 44
Blue



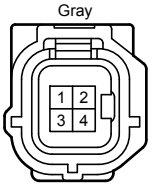
C 45
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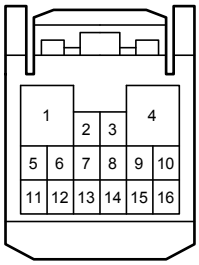
C 46
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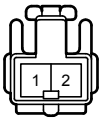
C 96
Gray



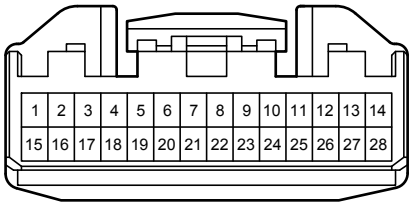
E 3
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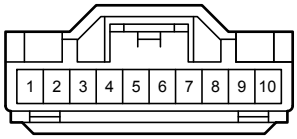
E 5
Blue



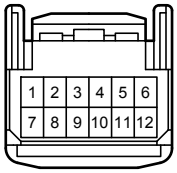
E 7
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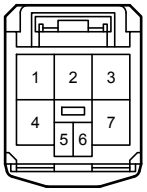
E 11
Gray



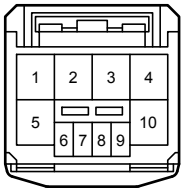
E 12
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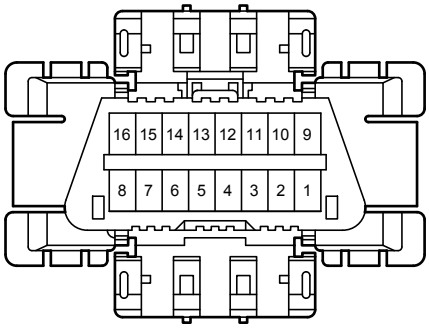
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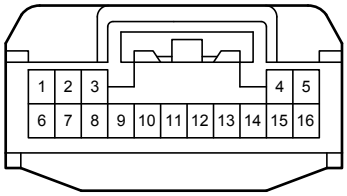
E 16
White



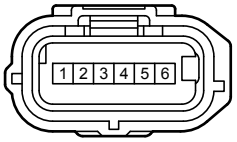
E 22
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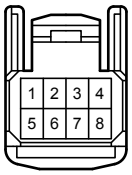
E 31
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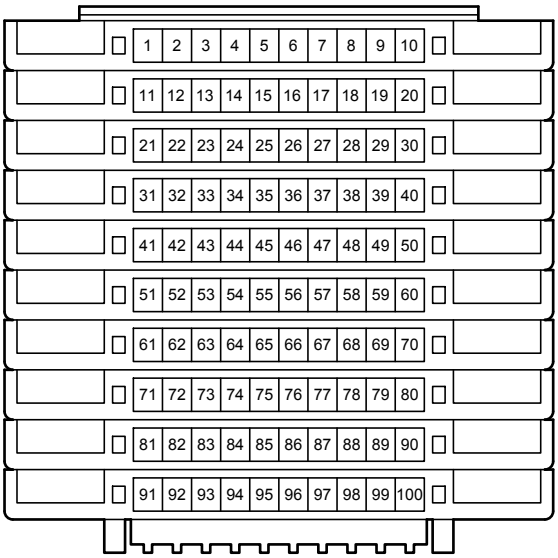
E 50
Black



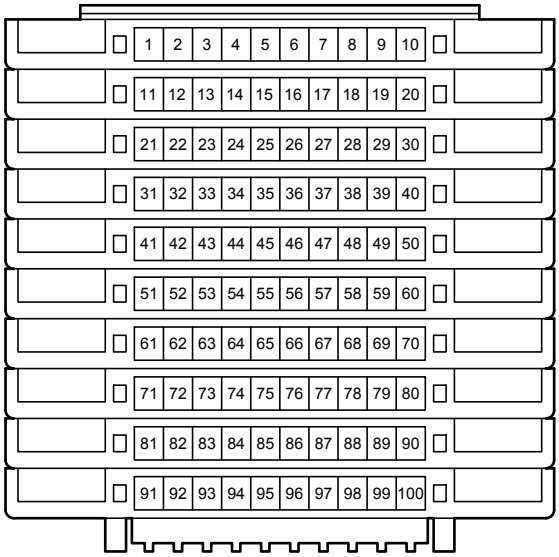
E 52
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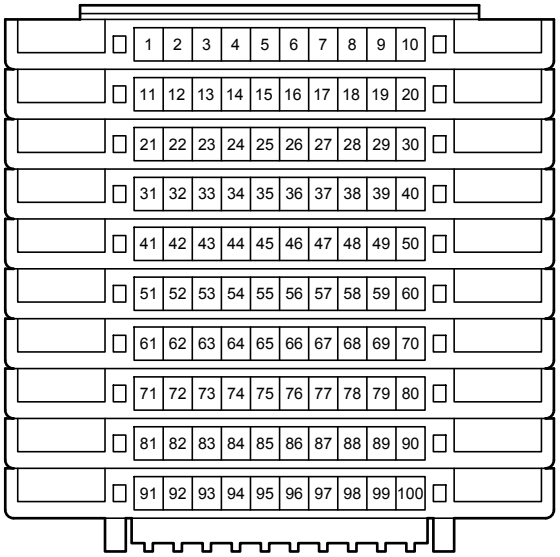
E 58



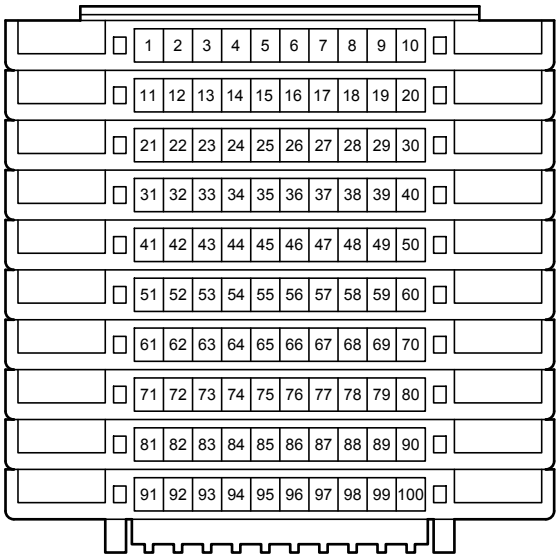
E 59



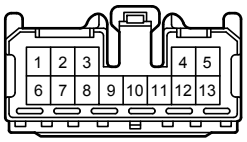
E 60



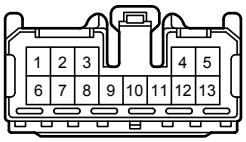
E 61



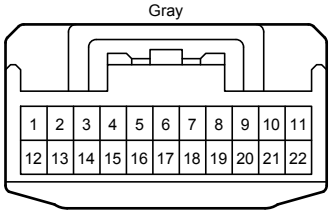
E 62
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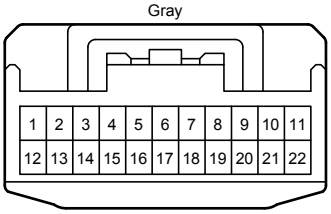
E 66
White



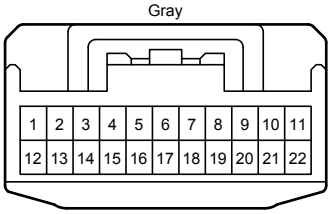
E 68
Gray



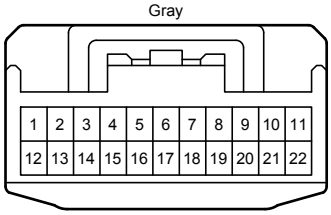
E 69
Gray



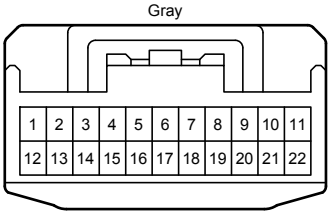
E 71
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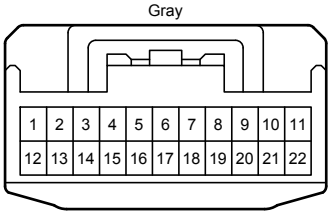
E 72
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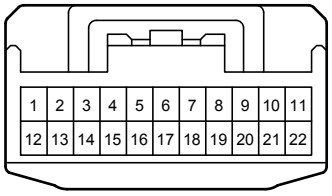
E 73
Gray



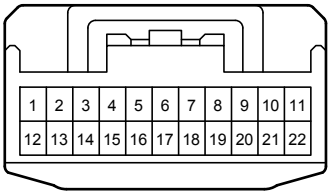
E 74
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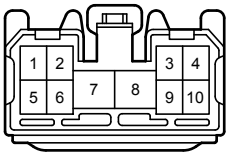
E 75
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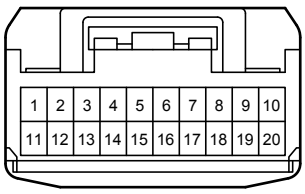
E 76
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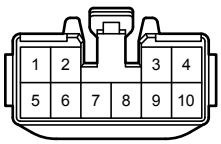
E 77
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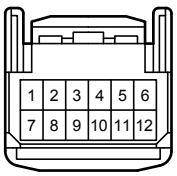
E 79
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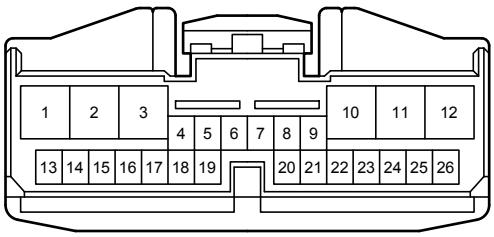
E 83
Blue



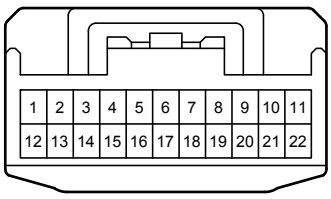
E 85
White



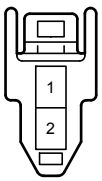
E108
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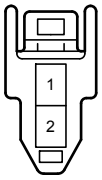
F 73
Blue



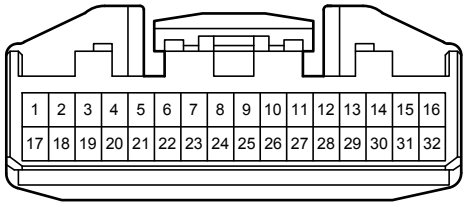
L 29
White



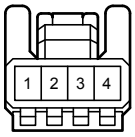
L 30
White



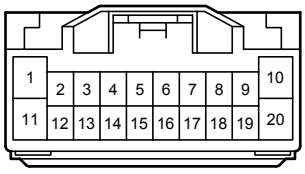
R 7
White



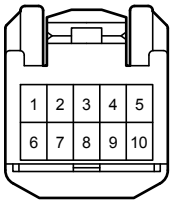
R 11
Black



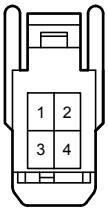
V 4
White



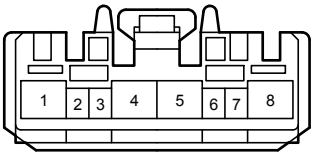
z 36
White



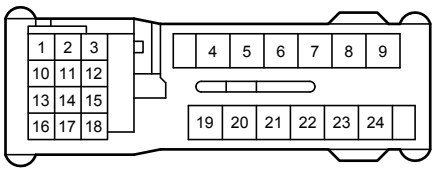
z 37
White



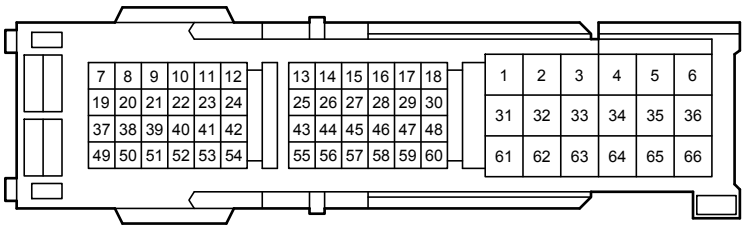
1B
White



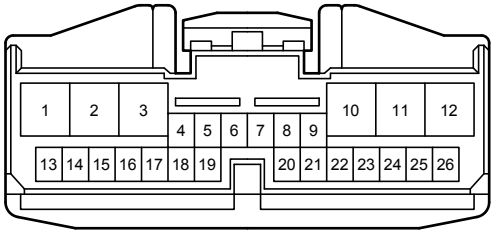
2B
White



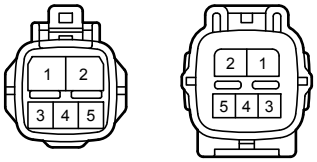
2D
White



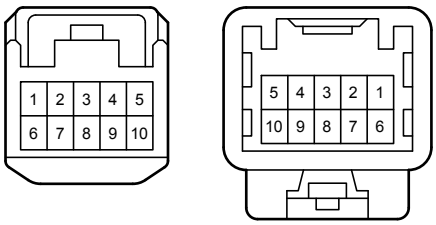
3C
White



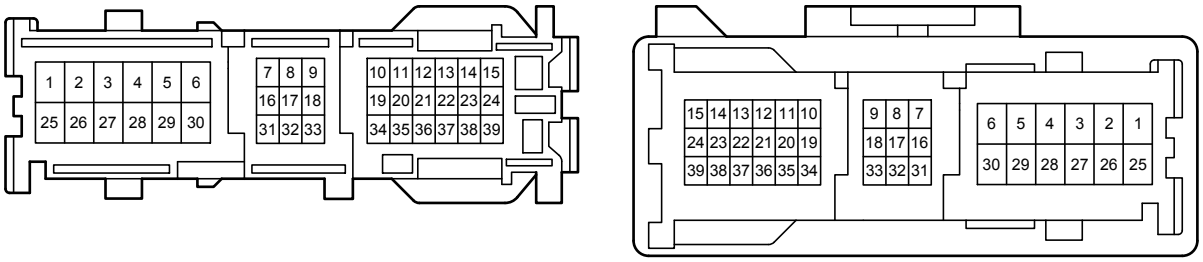
AA1
Gray



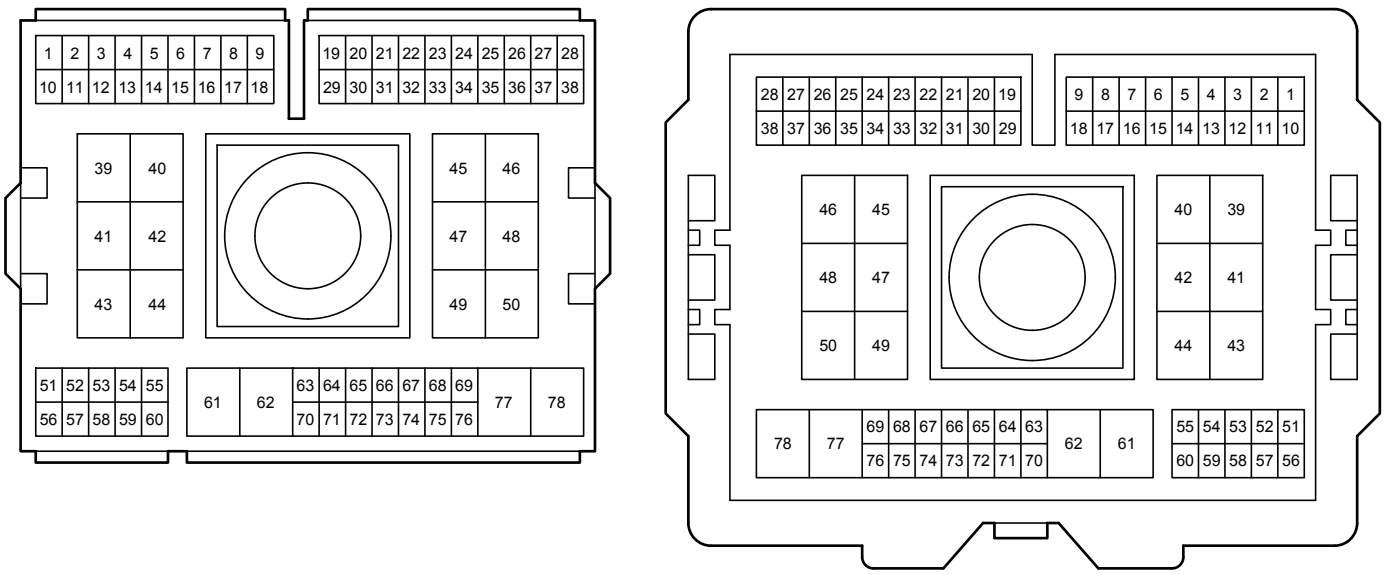
AE3
Gray



CA3
White

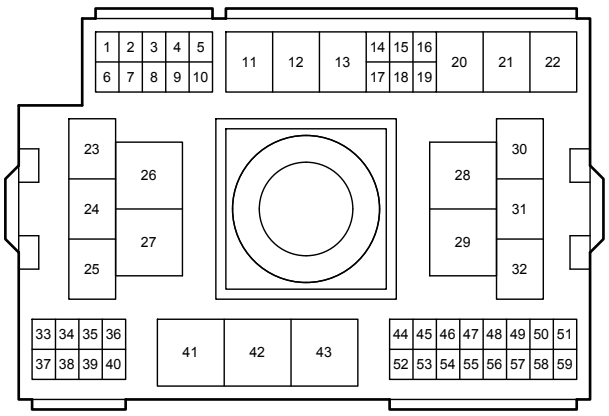


EA1
White

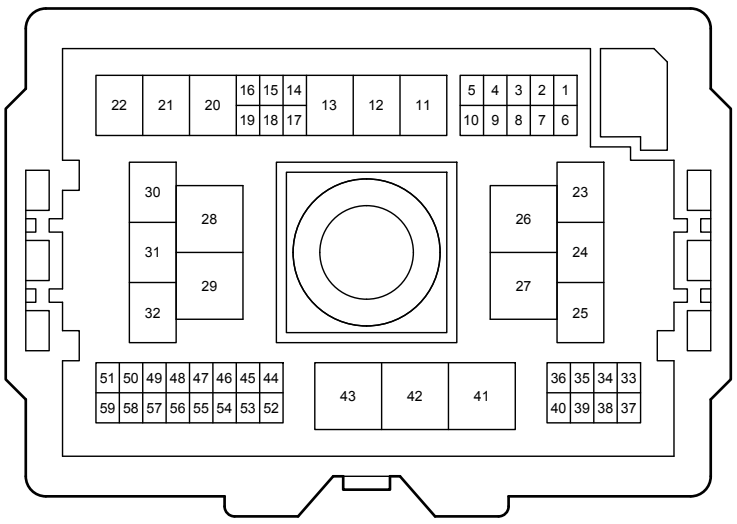


EA2

White

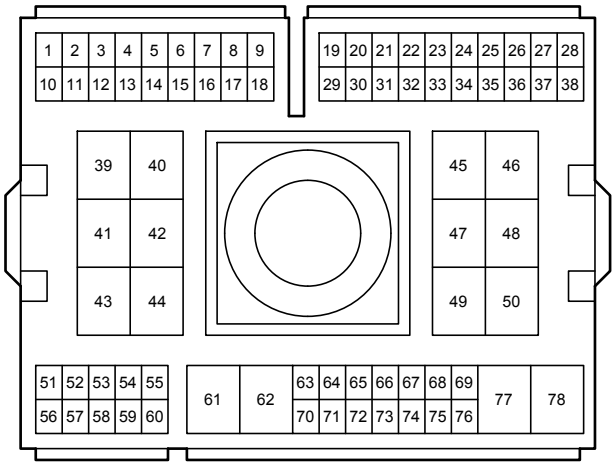


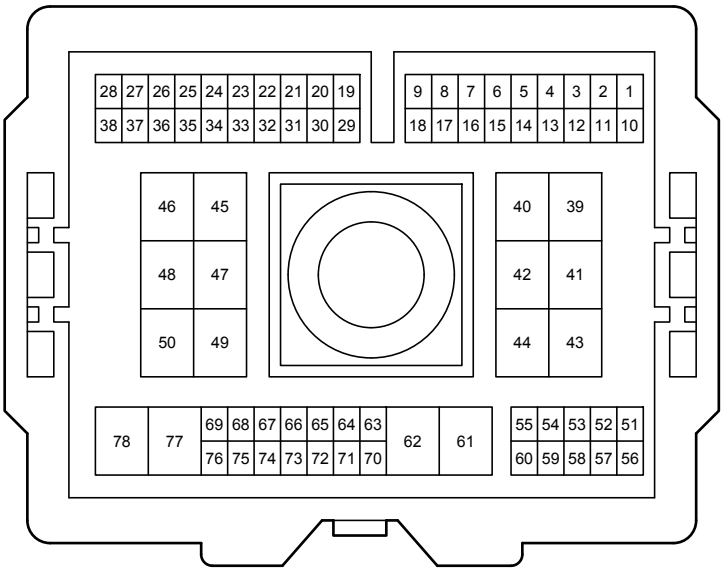
Gray



EA3

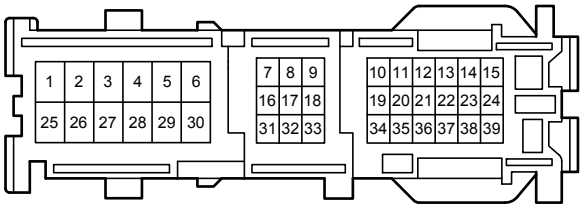
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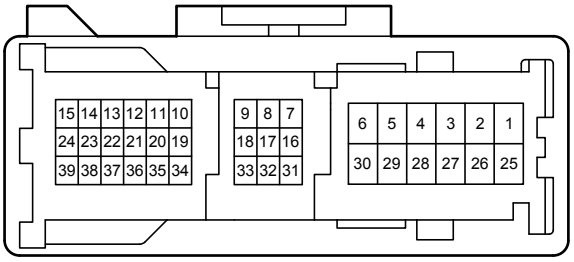




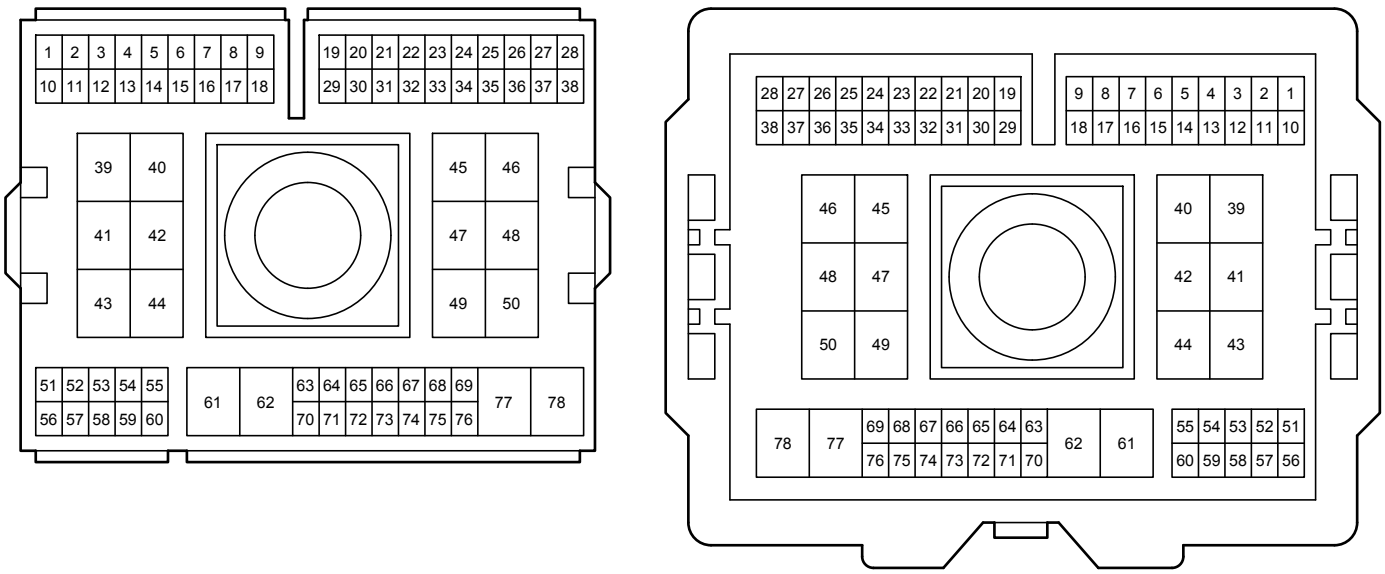
EA4

White

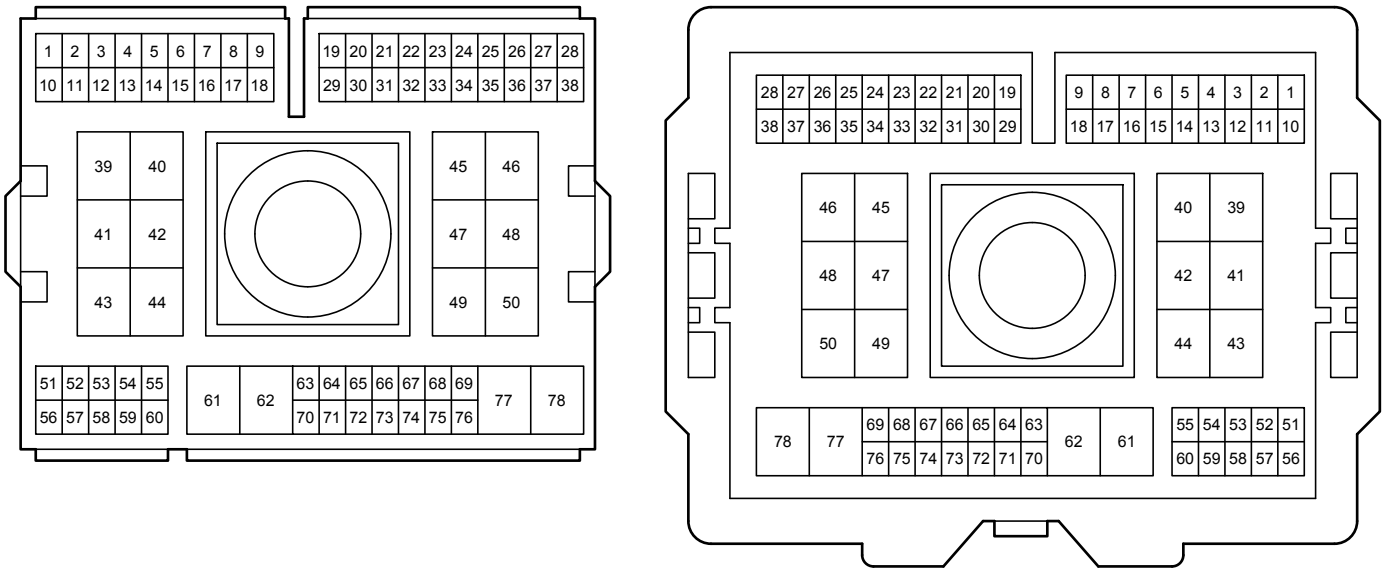




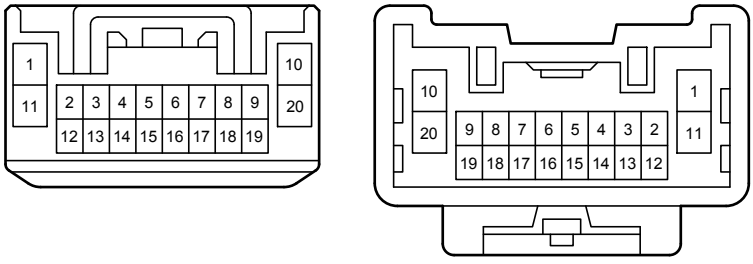
EK2
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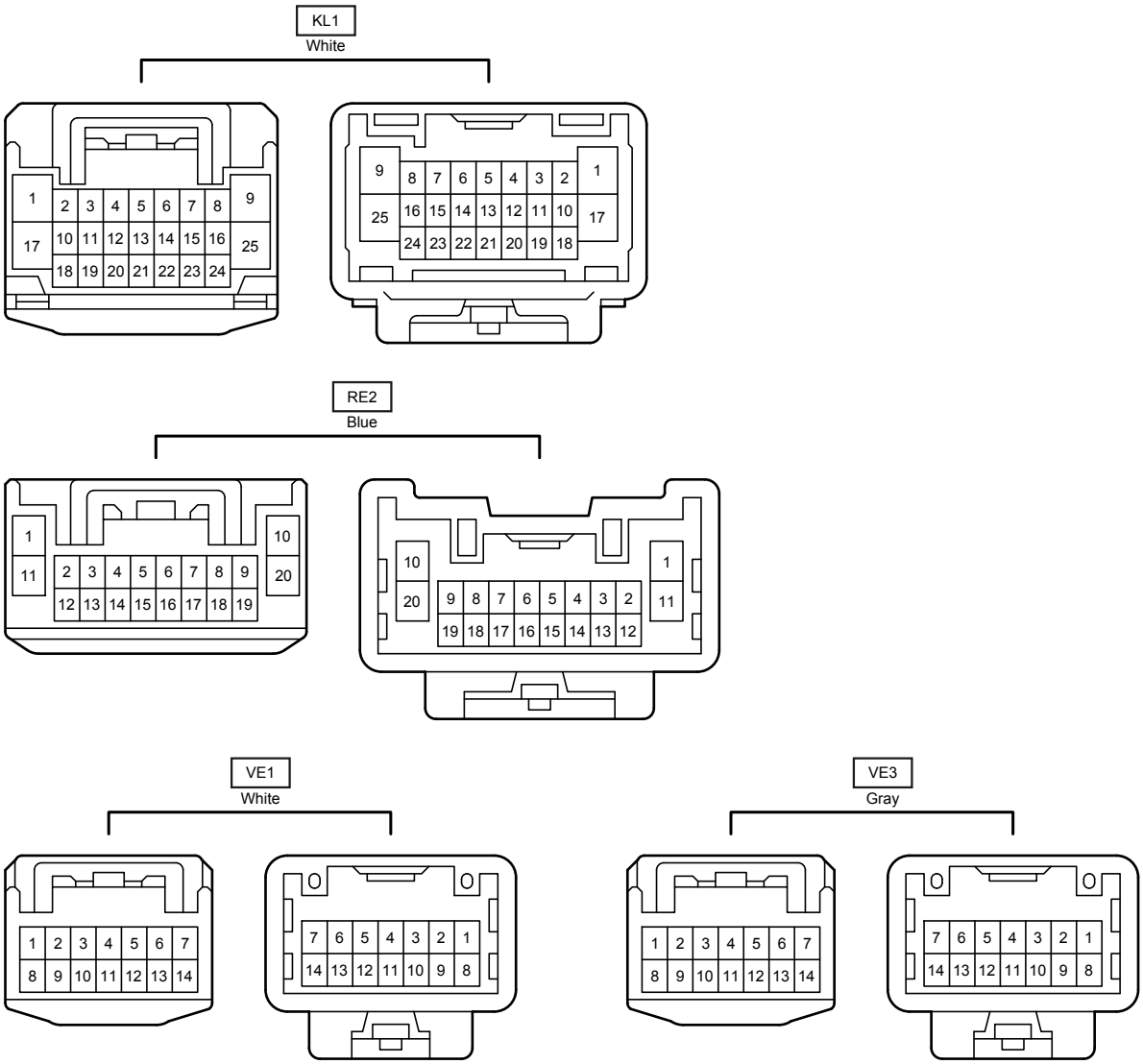


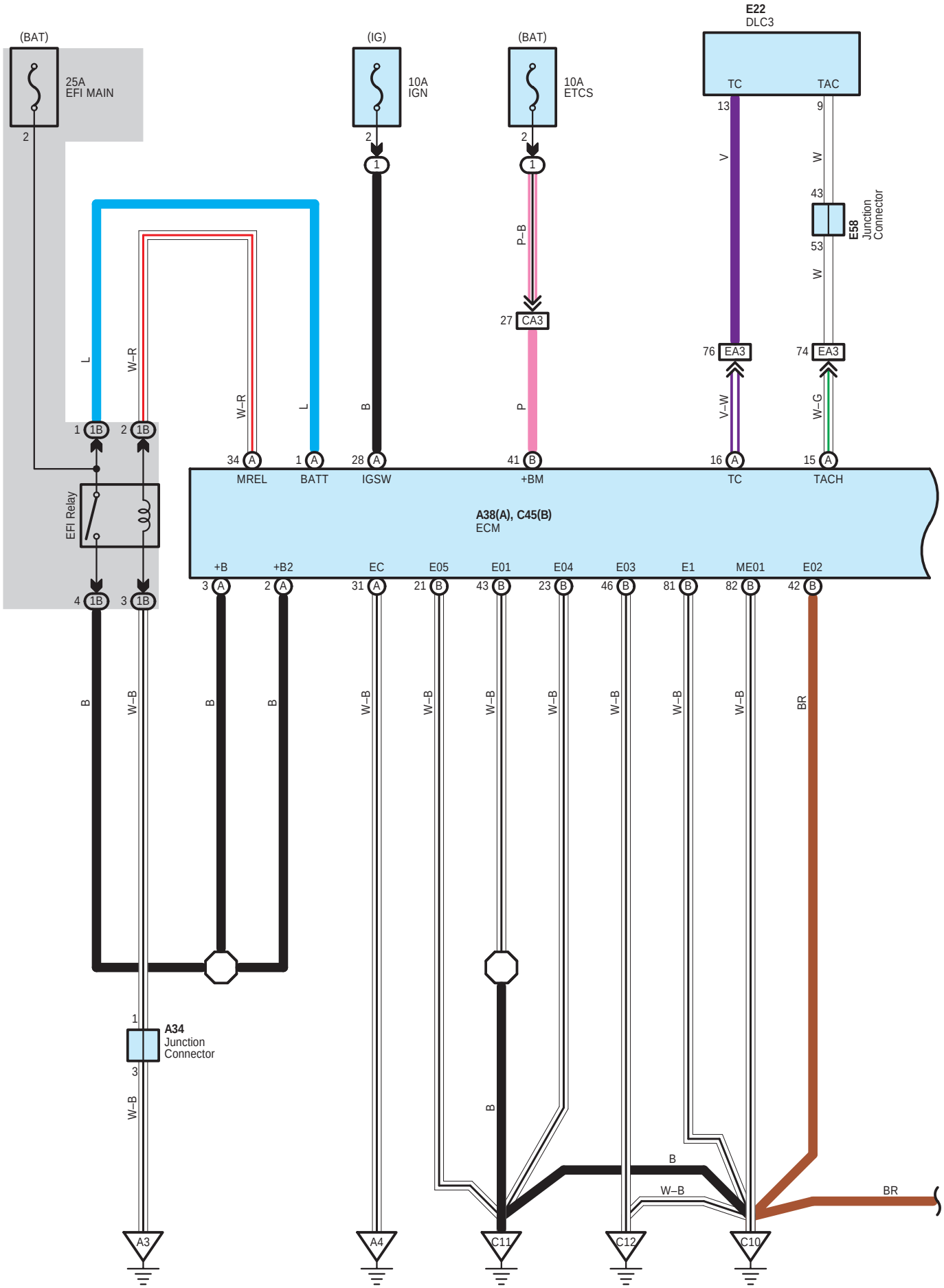
EL1
White

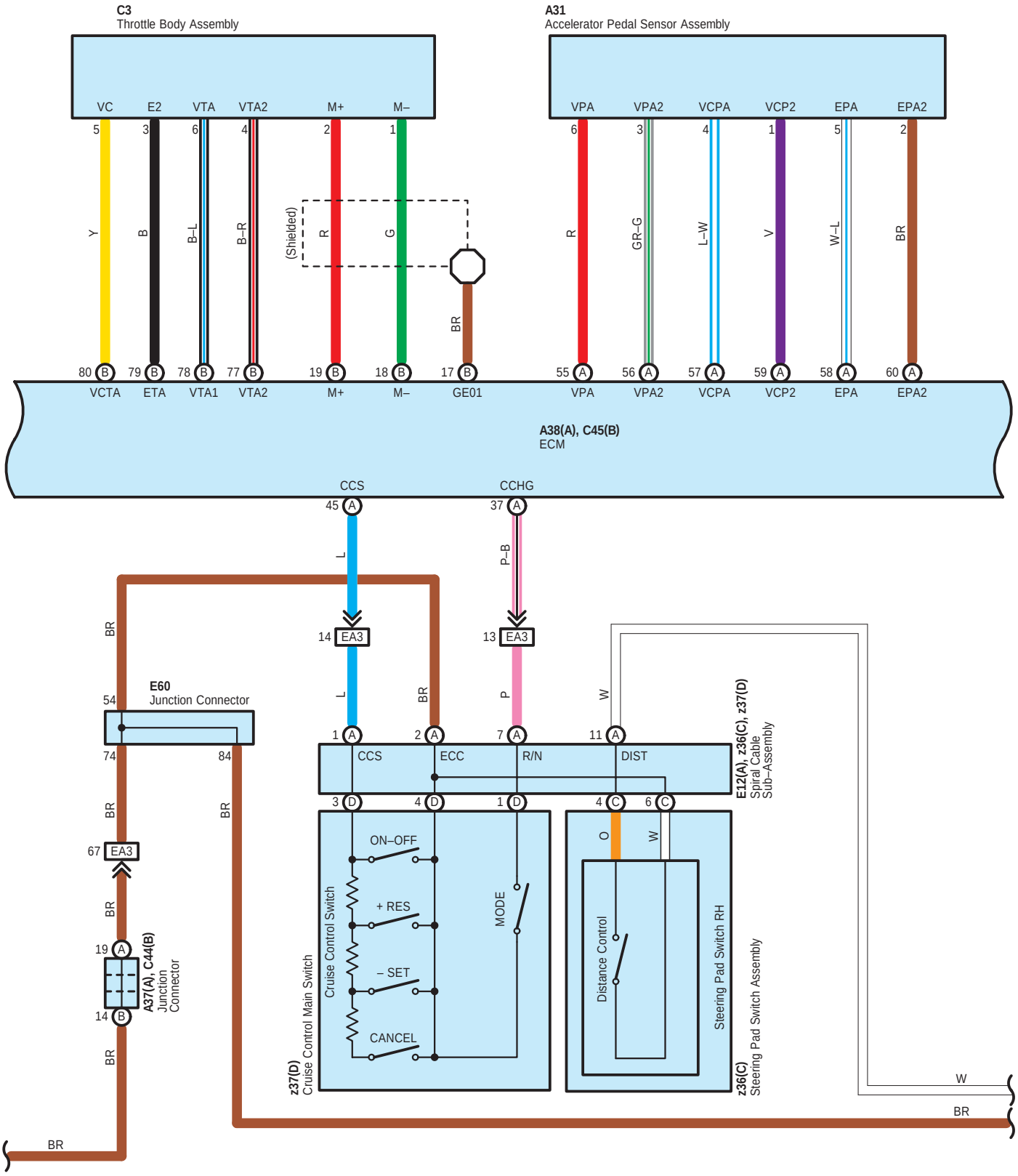


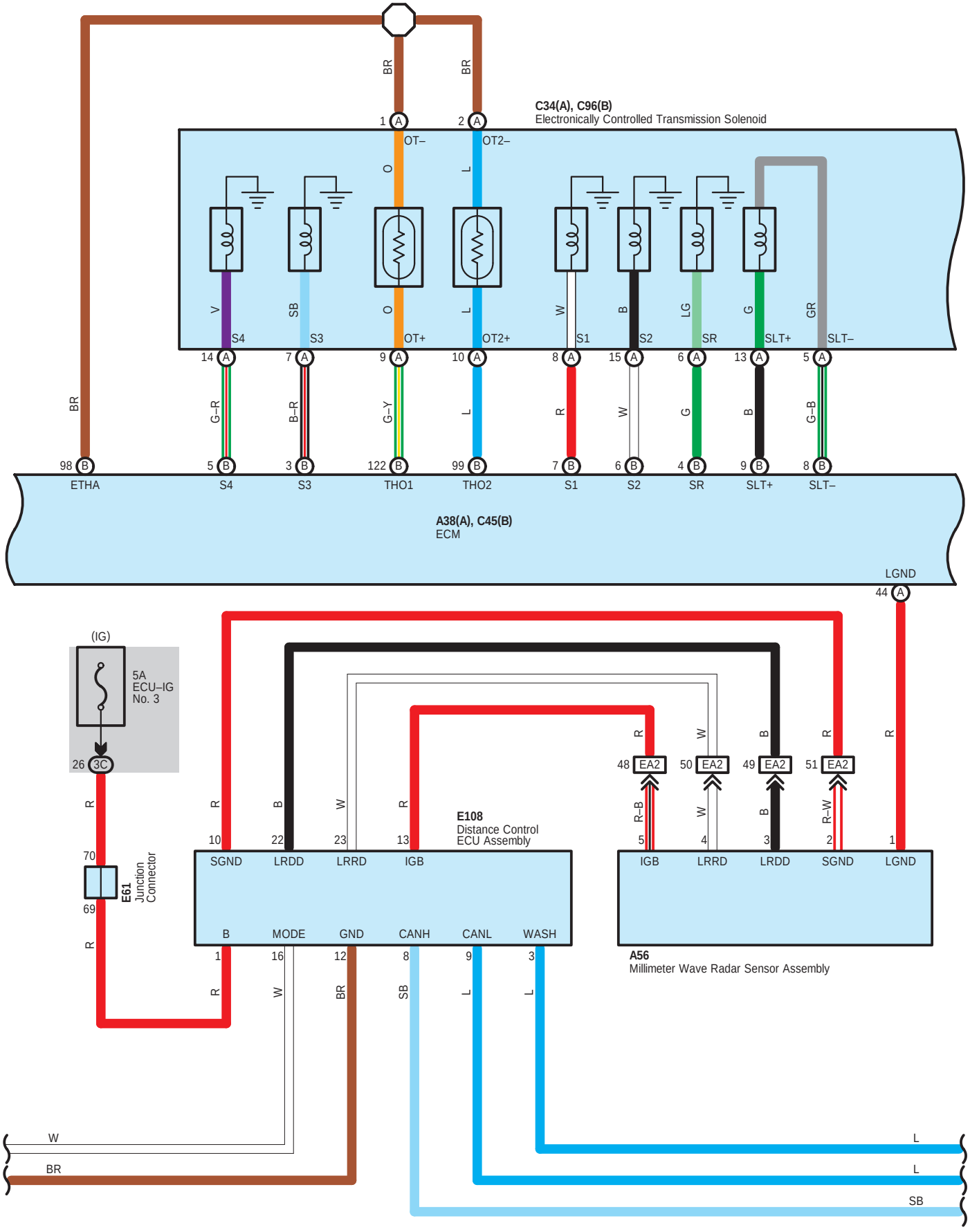
FE4
White

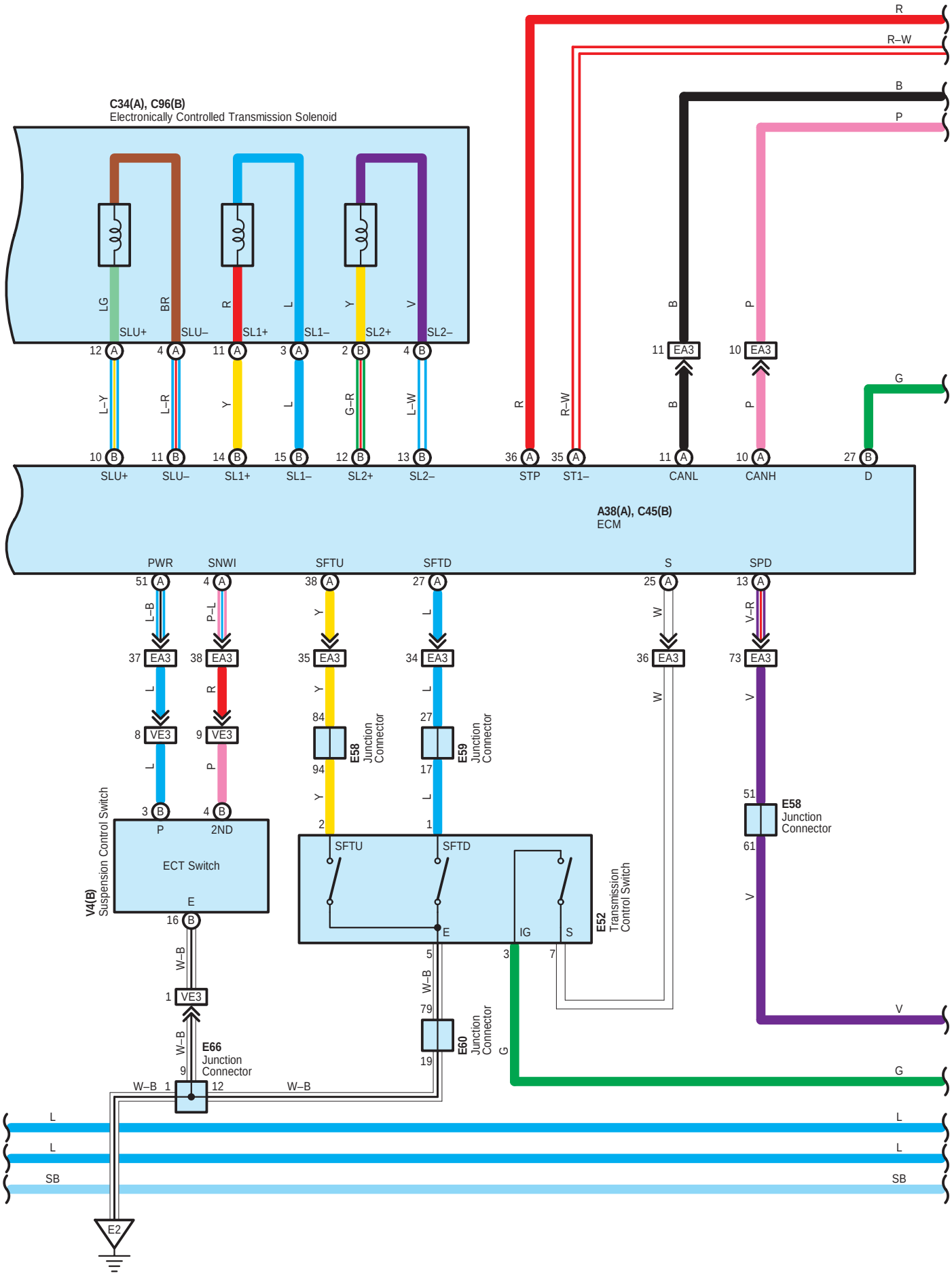


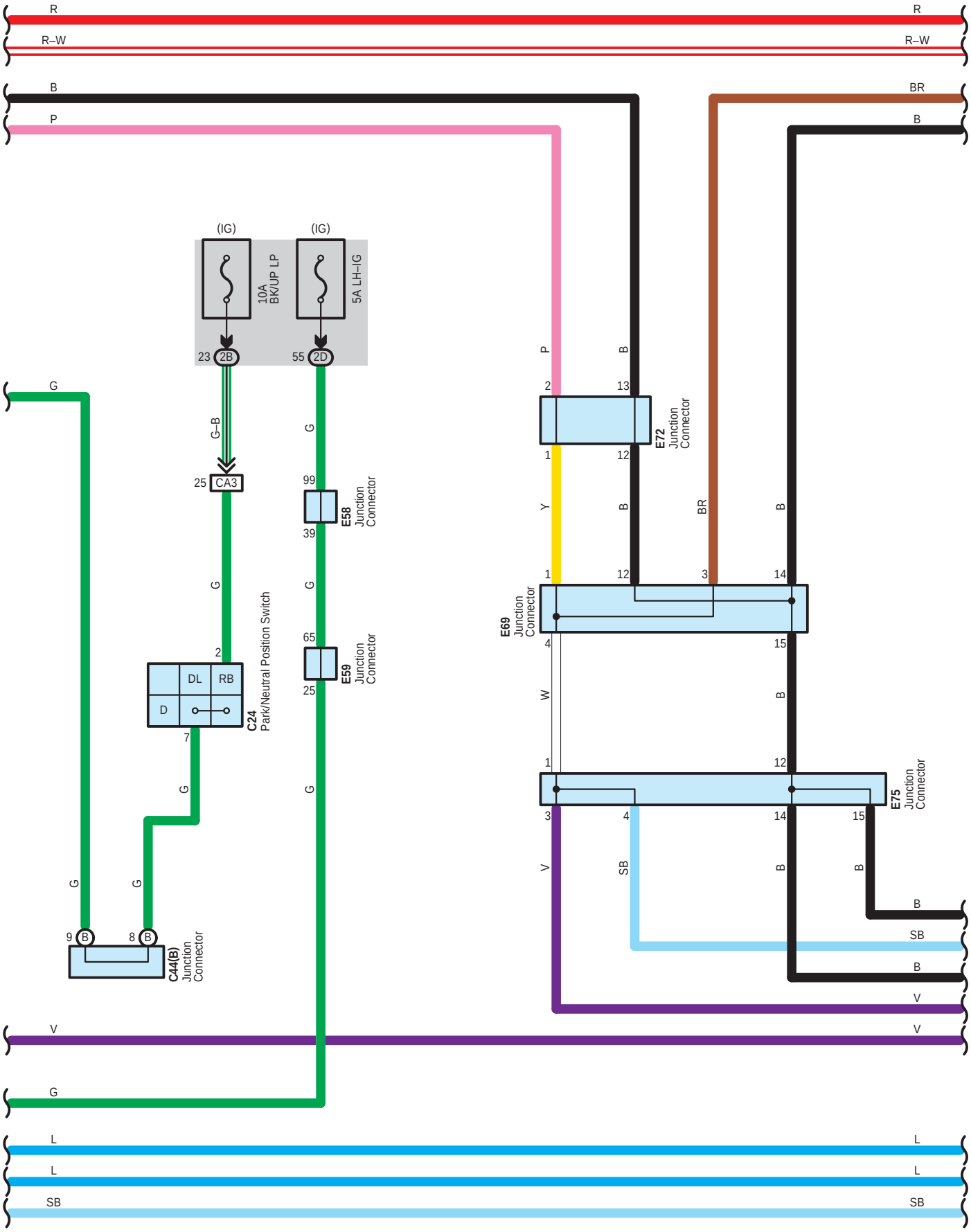

KL1
White
1 2 3 4 5 6 7 8 9
17 10 11 12 13 14 15 16 25
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18
RE2
Blue
1 10
11 2 3 4 5 6 7 8 9 20
12 13 14 15 16 17 18 19
10 1
20 9 8 7 6 5 4 3 2 11
19 18 17 16 15 14 13 12
VE1
White
1 2 3 4 5 6 7
8 9 10 11 12 13 14
7 6 5 4 3 2 1
14 13 12 11 10 9 8
VE3
Gray
1 2 3 4 5 6 7
8 9 10 11 12 13 14
7 6 5 4 3 2 1
14 13 12 11 10 9 8

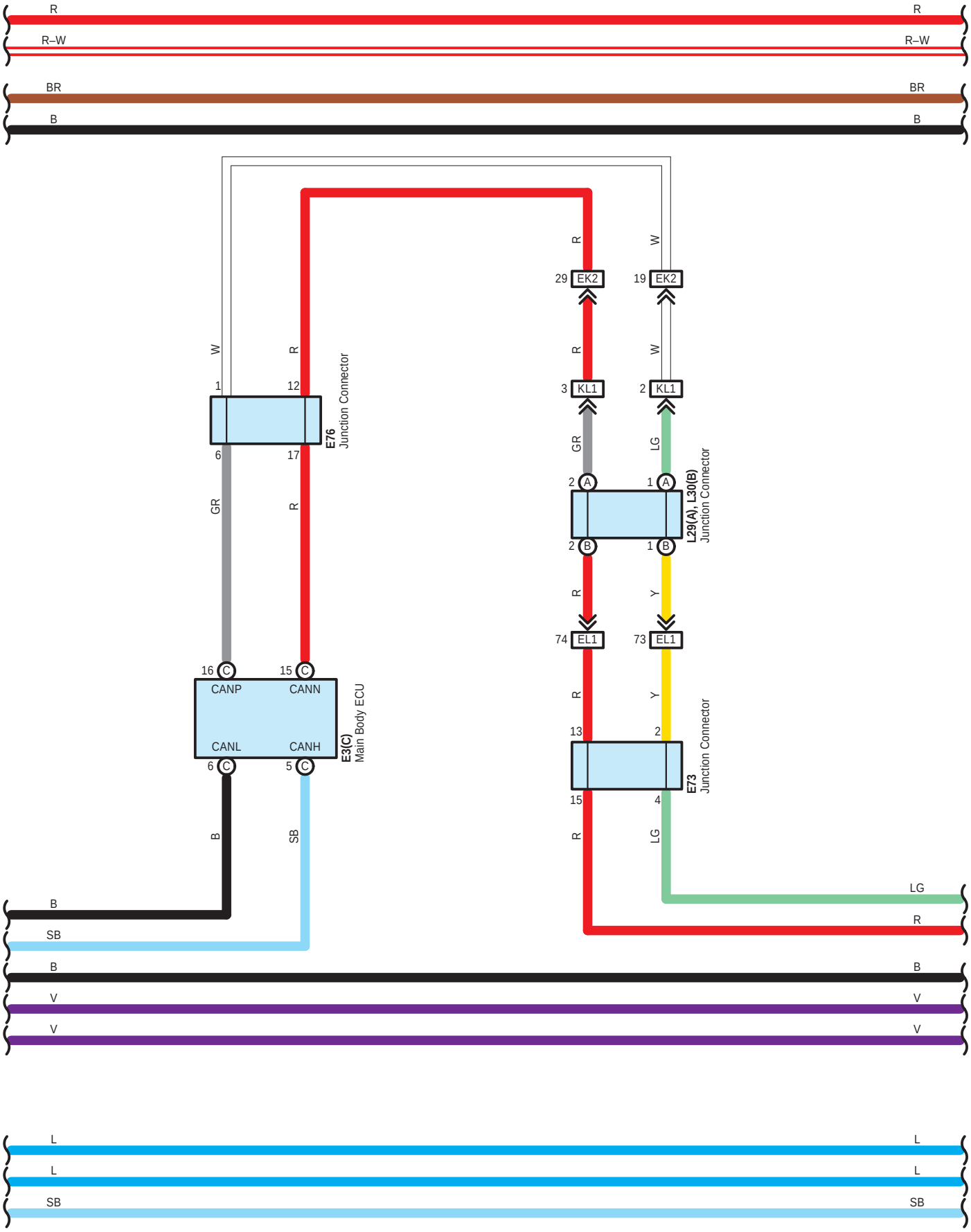

(BAT)
25A
EFI MAIN
2
(IG)
10A
IGN
2
1
(BAT)
10A
ETCS
2
1
E22
DLC3
TC
TAC
13
9
V
W
43
E58
Junction
Connector
53
W
P–B
27 CA3
P
76 EA3
74 EA3
V–W
W–G
L
W–R
W–R
L
B
1 1B
2 1B
34 A
1 A
28 A
41 B
16 A
15 A
MREL
BATT
IGSW
+BM
TC
TACH
EFI Relay
A38(A), C45(B)
ECM
+B
+B2
EC
E05
E01
E04
E03
E1
ME01
E02
3 A
2 A
31 A
21 B
43 B
23 B
46 B
81 B
82 B
42 B
4 1B
3 1B
B
W–B
B
B
W–B
W–B
W–B
W–B
W–B
W–B
BR
1
A34
Junction
Connector
3
W–B
B
B
W–B
BR
A3
A4
C11
C12
C10

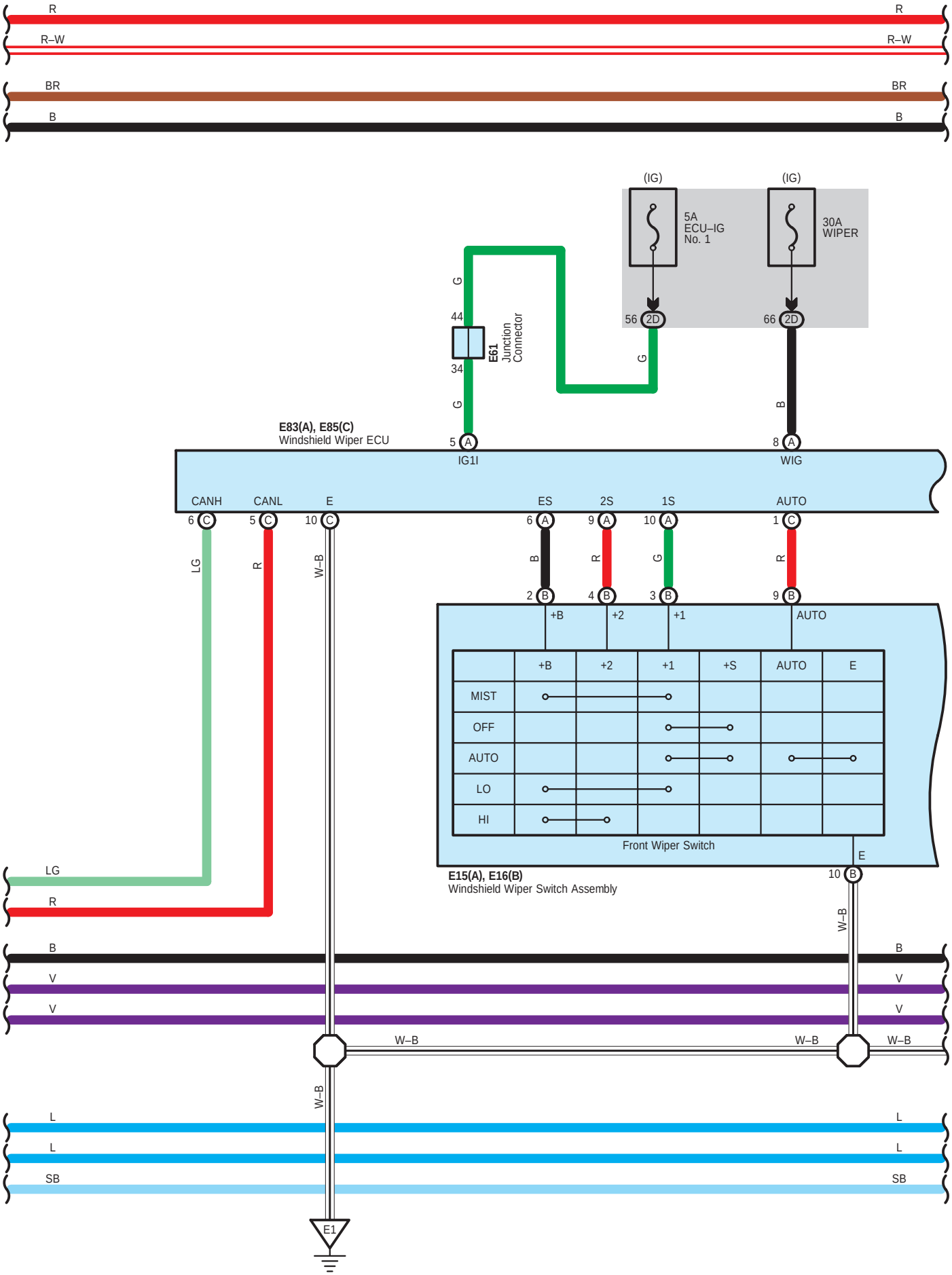

C3
Throttle Body Assembly
VC
E2
VTA
VTA2
M+
M–
5
3
6
4
2
1
Y
B
B–L
B–R
(Shielded)
R
G
BR
80 B
79 B
78 B
77 B
19 B
18 B
17 B
VCTA
ETA
VTA1
VTA2
M+
M–
GE01
A31
Accelerator Pedal Sensor Assembly
VPA
VPA2
VCPA
VCP2
EPA
EPA2
6
3
4
1
5
2
R
GR–G
L–W
V
W–L
BR
55 A
56 A
57 A
59 A
58 A
60 A
VPA
VPA2
VCPA
VCP2
EPA
EPA2
A38(A), C45(B)
ECM
CCS
CCHG
45 A
37 A
L
P–B
14 EA3
13 EA3
L
BR
P
W
BR
54
E60
Junction Connector
74
84
1 A
2 A
7 A
11 A
CCS
ECC
R/N
DIST
E12(A), z36(C), z37(D)
Spiral Cable
Sub–Assembly
3 D
4 D
1 D
4 C
6 C
BR
BR
67 EA3
BR
19 A
14 B
A37(A), C44(B)
Junction
Connector
BR
ON–OFF
+ RES
– SET
CANCEL
MODE
Cruise Control Switch
z37(D)
Cruise Control Main Switch
O
W
Distance Control
Steering Pad Switch RH
z36(C)
Steering Pad Switch Assembly
W
BR
BR

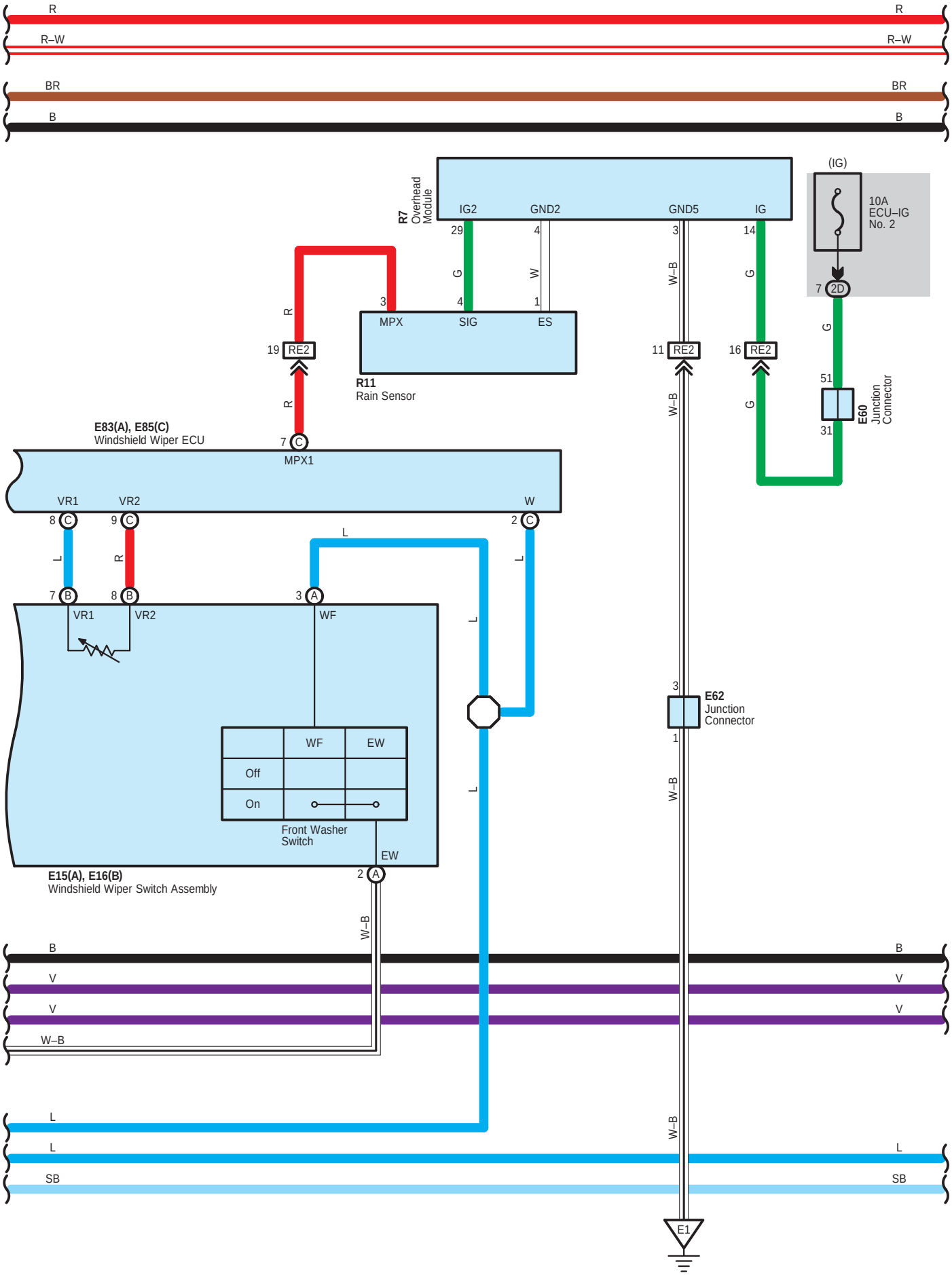

C34(A), C96(B)
Electronically Controlled Transmission Solenoid
1 A
2 A
BR
BR
OT–
OT2–
O
L
V
SB
O
L
W
B
LG
G
GR
S4
S3
OT+
OT2+
S1
S2
SR
SLT+
SLT–
14 A
7 A
9 A
10 A
8 A
15 A
6 A
13 A
5 A
G–R
B–R
G–Y
L
R
W
G
B
G–B
98 B
5 B
3 B
122 B
99 B
7 B
6 B
4 B
9 B
8 B
ETHA
S4
S3
THO1
THO2
S1
S2
SR
SLT+
SLT–
A38(A), C45(B)
ECM
LGND
44 A
(IG)
5A
ECU–IG
No. 3
26 3C
R
70
E61
Junction
Connector
69
R
R
B
W
R
10
22
23
13
SGND
LRDD
LRRD
IGB
E108
Distance Control
ECU Assembly
B
MODE
GND
CANH
CANL
WASH
1
16
12
8
9
3
R
W
BR
SB
L
L
R
W
B
R
R
48 EA2
50 EA2
49 EA2
51 EA2
R–B
W
B
R–W
5
4
3
2
1
IGB
LRRD
LRDD
SGND
LGND
A56
Millimeter Wave Radar Sensor Assembly
W
BR
L
L
SB

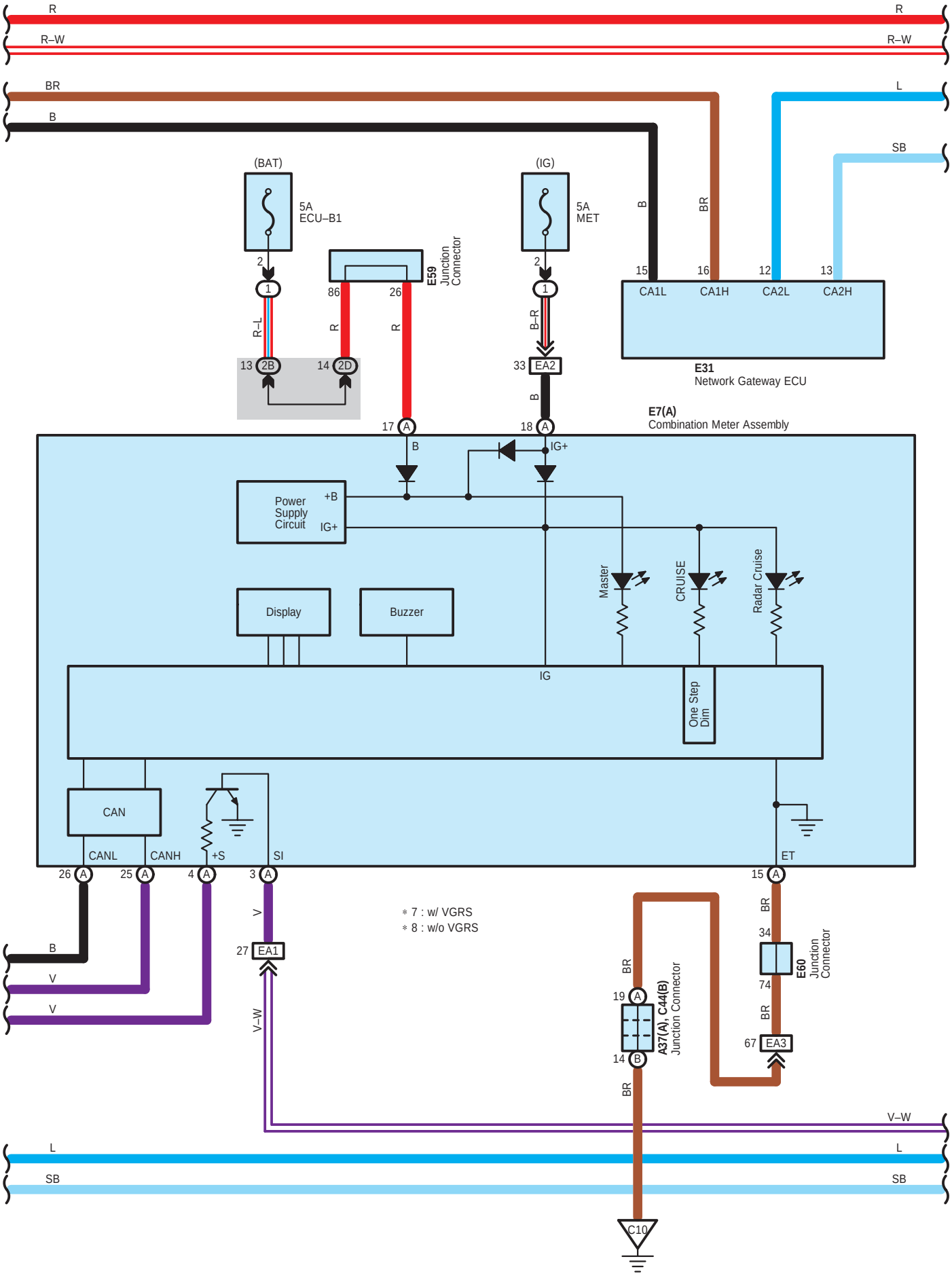

C34(A), C96(B)
Electronically Controlled Transmission Solenoid
LG
BR
R
L
Y
V
SLU+
SLU–
SL1+
SL1–
SL2+
SL2–
12 A
4 A
11 A
3 A
2 B
4 B
L–Y
L–R
Y
L
G–R
L–W
10 B
11 B
14 B
15 B
12 B
13 B
R
R–W
B
P
36 A
35 A
11 EA3
10 EA3
G
27 B
STP
ST1–
CANL
CANH
D
A38(A), C45(B)
ECM
PWR
SNWI
SFTU
SFTD
S
SPD
51 A
4 A
38 A
27 A
25 A
13 A
L–B
P–L
W
V–R
37 EA3
38 EA3
35 EA3
34 EA3
36 EA3
73 EA3
8 VE3
9 VE3
84
94
27
17
E58 Junction Connector
E59 Junction Connector
3 B
4 B
2
1
51
61
E58 Junction Connector
V4(B) Suspension Control Switch
P
2ND
ECT Switch
E
SFTU
SFTD
E
IG
S
E52 Transmission Control Switch
16 B
5
3
7
W–B
1 VE3
79
19
E60 Junction Connector
E66 Junction Connector
9
1
12
W–B
L
L
SB
E2

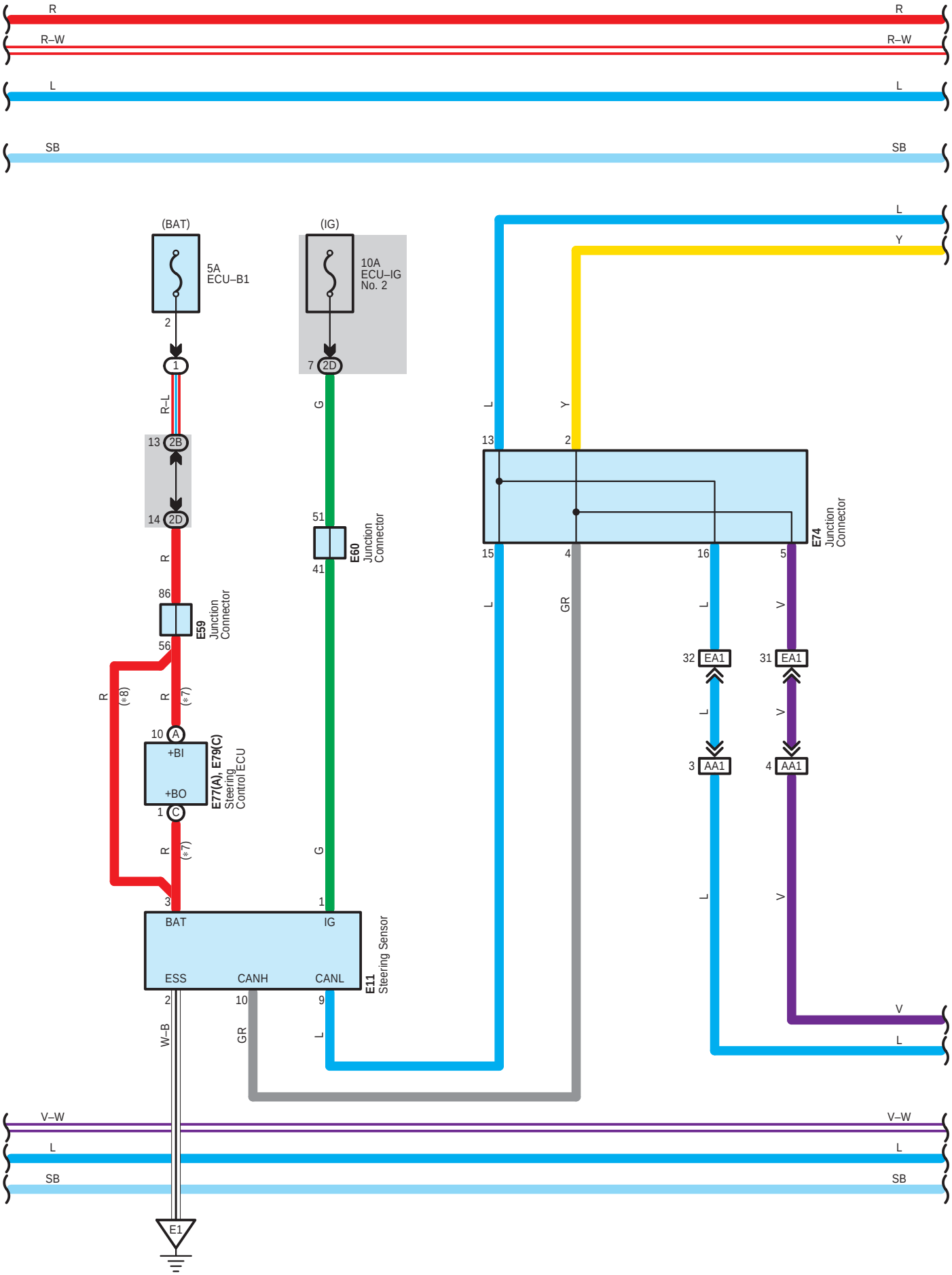

R
R–W
B
P
BR
B
(IG)
(IG)
10A
BK/UP LP
5A LH–IG
23 2B
55 2D
G
G–B
25 CA3
G
2
DL
RB
D
C24
Park/Neutral Position Switch
7
G
G
G
G
9 B
8 B
C44(B)
Junction
Connector
G
99
39
E58
Junction
Connector
G
65
25
E59
Junction
Connector
G
P
B
2
13
1
12
E72
Junction
Connector
Y
B
BR
B
1
12
3
14
E69
Junction
Connector
4
15
W
B
1
12
E75
Junction
Connector
3
4
14
15
V
SB
B
B
B
SB
B
V
V
V
G
L
L
SB
L
L
SB

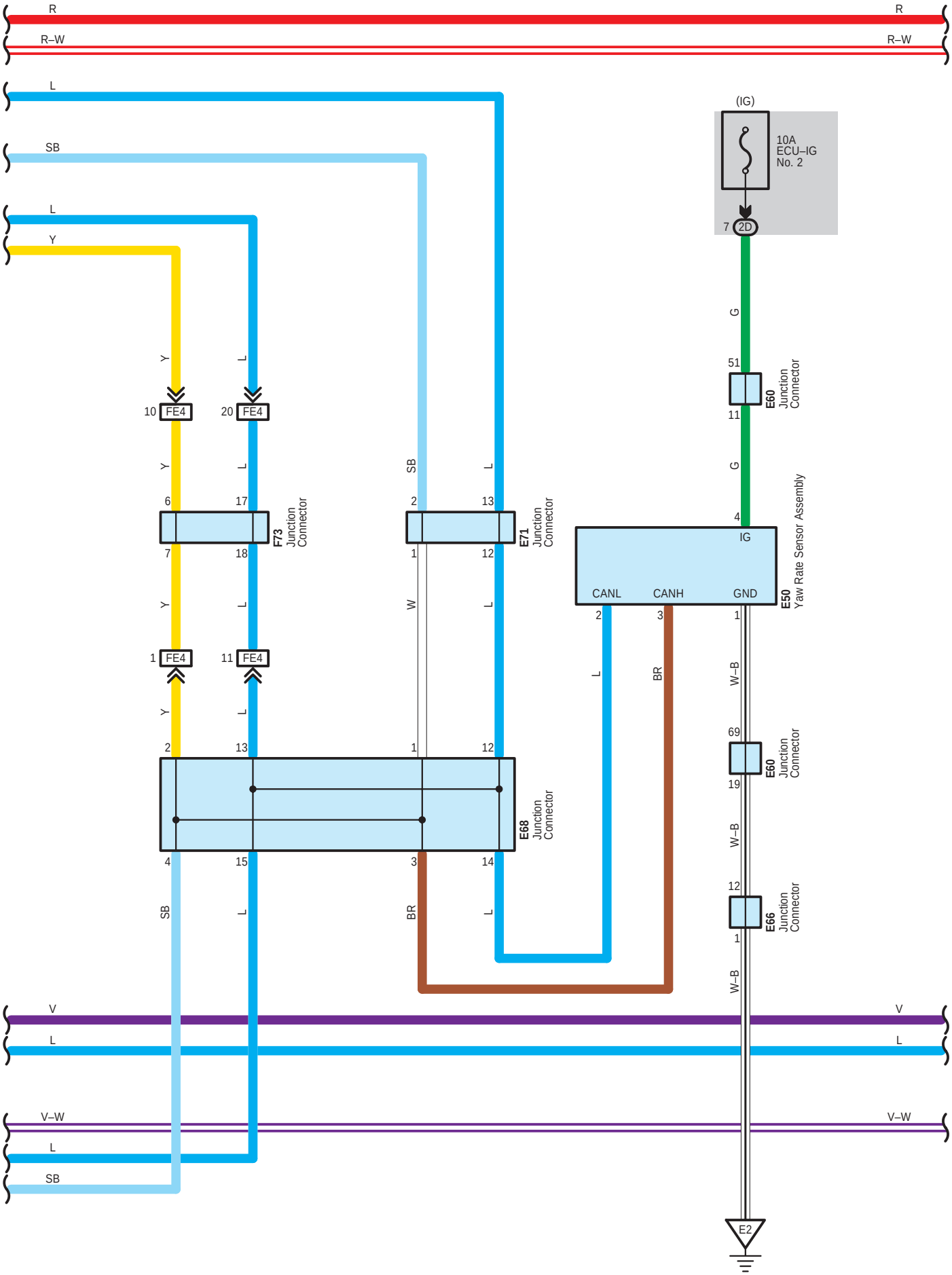

R
R–W
BR
B
R
R–W
BR
B
W
R
1
12
E76
Junction Connector
6
17
GR
R
16 C
15 C
CANP
CANN
CANL
CANH
6 C
5 C
E3(C)
Main Body ECU
B
SB
R
W
29 EK2
19 EK2
R
W
3 KL1
2 KL1
GR
LG
2 A
1 A
2 B
1 B
L29(A), L30(B)
Junction Connector
R
Y
74 EL1
73 EL1
R
Y
13
2
15
4
E73
Junction Connector
R
LG
LG
R
B
SB
B
V
V
B
V
V
L
L
SB
L
L
SB

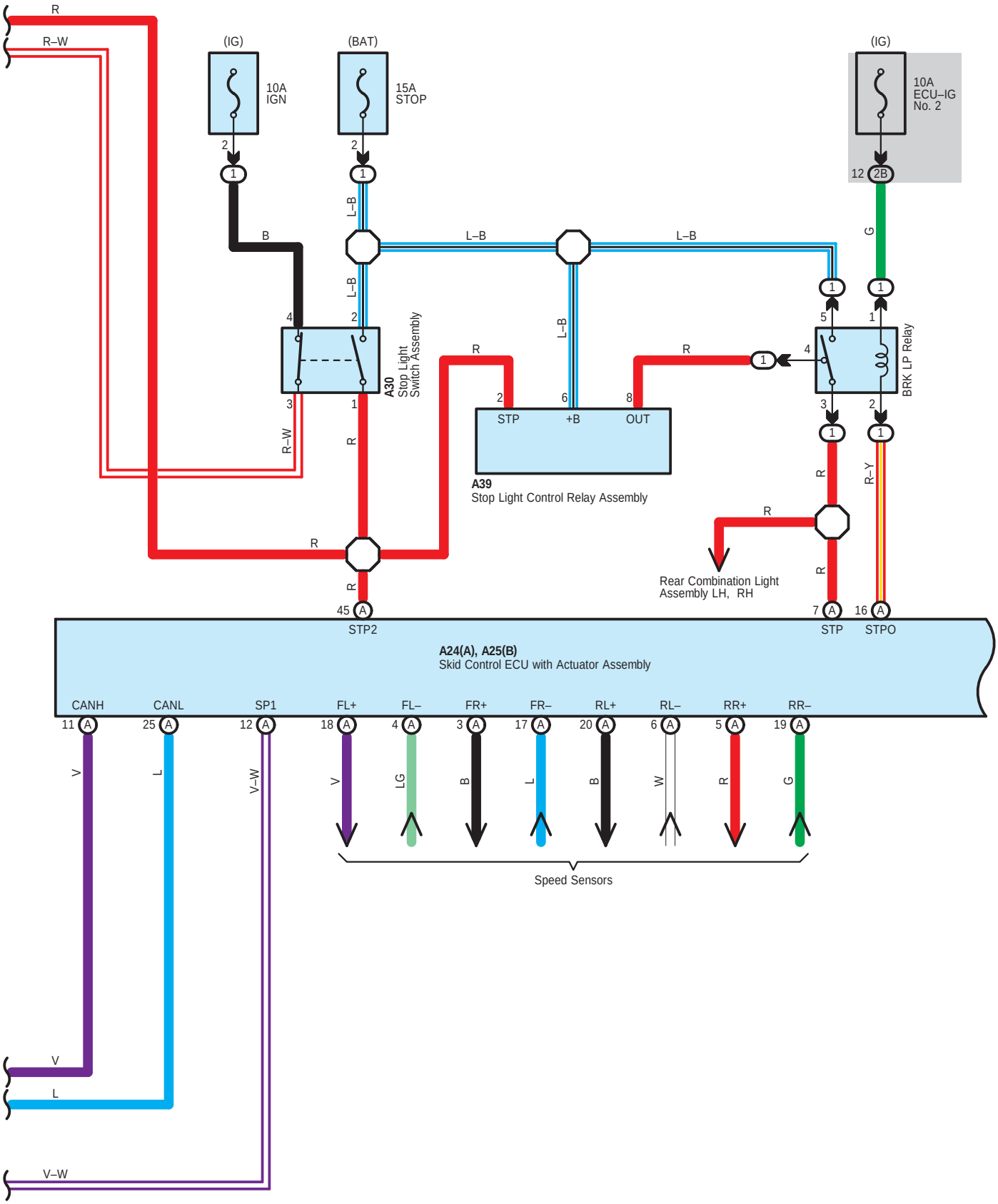

R
R
R–W
R–W
BR
BR
B
B
(IG)
(IG)
5A
ECU–IG
No. 1
30A
WIPER
56 2D
66 2D
G
44
E61
Junction
Connector
34
G
G
B
E83(A), E85(C)
Windshield Wiper ECU
5 A
IG1I
8 A
WIG
CANH
CANL
E
ES
2S
1S
AUTO
6 C
5 C
10 C
6 A
9 A
10 A
1 C
LG
R
W–B
B
R
G
R
2 B
4 B
3 B
9 B
+B
+2
+1
AUTO
+B
+2
+1
+S
AUTO
E
MIST
OFF
AUTO
LO
HI
Front Wiper Switch
E
E15(A), E16(B)
Windshield Wiper Switch Assembly
10 B
W–B
LG
R
B
V
V
B
V
V
W–B
W–B
W–B
W–B
L
L
SB
L
L
SB
E1

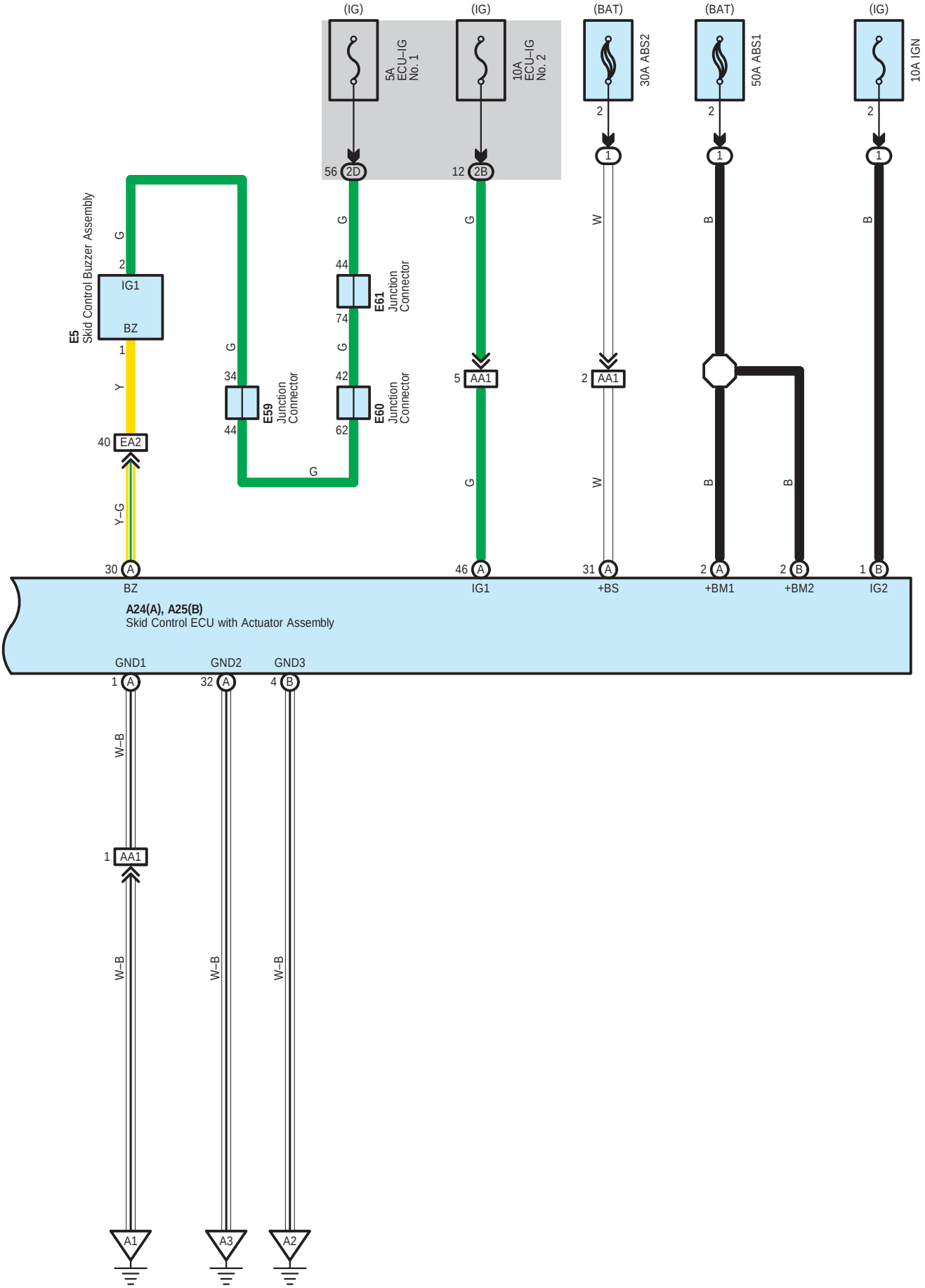

R
R–W
BR
B
R7
Overhead
Module
IG2
GND2
GND5
IG
29
4
3
14
G
W
W–B
G
(IG)
10A
ECU–IG
No. 2
7 2D
R
3
MPX
SIG
ES
4
1
19 RE2
11 RE2
16 RE2
R11
Rain Sensor
G
51
E60
Junction
Connector
31
E83(A), E85(C)
Windshield Wiper ECU
7 C
MPX1
VR1
VR2
W
8 C
9 C
2 C
L
R
L
7 B
8 B
3 A
VR1
VR2
WF
L
3
E62
Junction
Connector
1
WF
EW
Off
On
Front Washer
Switch
EW
E15(A), E16(B)
Windshield Wiper Switch Assembly
2 A
W–B
B
V
V
W–B
L
L
SB
E1


R
R–W
BR
B
L
SB
(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction
Connector
E31
Network Gateway ECU
CA1L
CA1H
CA2L
CA2H
E7(A)
Combination Meter Assembly
Power
Supply
Circuit
+B
IG+
Display
Buzzer
Master
CRUISE
Radar Cruise
IG
One Step
Dim
CAN
CANL
CANH
+S
SI
ET
* 7 : w/ VGRS
* 8 : w/o VGRS
A37(A), C44(B)
Junction Connector
E60
Junction
Connector
EA1
EA2
EA3
C10
V
V–W

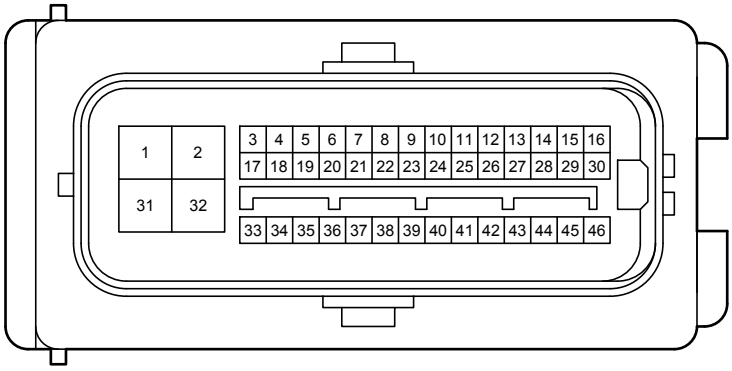

R
R–W
L
SB
R
R–W
L
SB
(BAT)
5A
ECU–B1
2
1
R–L
13
2B
14
2D
R
86
E59
Junction
Connector
56
R
(*8)
R
(*7)
10
A
+BI
+BO
1
C
E77(A), E79(C)
Steering
Control ECU
R
(*7)
3
BAT
ESS
2
W–B
(IG)
10A
ECU–IG
No. 2
7
2D
G
51
E60
Junction
Connector
41
G
1
IG
CANH
10
GR
CANL
9
L
E11
Steering Sensor
L
Y
13
2
L
15
4
GR
16
5
L
V
E74
Junction
Connector
32
EA1
31
EA1
L
V
3
AA1
4
AA1
L
V
V
L
V–W
L
SB
E1
V–W
L
SB


R
R–W
L
SB
L
Y
(IG)
10A
ECU–IG
No. 2
7 2D
G
51
E60
Junction
Connector
11
G
4
IG
CANL
CANH
GND
E50
Yaw Rate Sensor Assembly
2
3
1
W–B
69
E60
Junction
Connector
19
W–B
12
E66
Junction
Connector
1
W–B
E2
Y
L
10 FE4
20 FE4
6
17
7
18
F73
Junction
Connector
SB
L
2
13
1
12
E71
Junction
Connector
W
L
Y
L
1 FE4
11 FE4
Y
L
2
13
1
12
E68
Junction
Connector
4
15
3
14
SB
L
BR
L
L
BR
V
L
V–W
L
SB
V
L
V–W

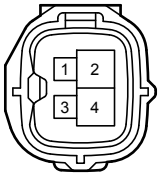

R
R–W
(IG)
10A
IGN
(BAT)
15A
STOP
(IG)
10A
ECU–IG
No. 2
12 2B
G
L–B
B
L–B
L–B
L–B
4
2
A30
Stop Light
Switch Assembly
3
1
R–W
R
R
2
STP
6
+B
8
OUT
A39
Stop Light Control Relay Assembly
R
1
4
5
1
BRK LP Relay
3
2
R
R–Y
R
R
Rear Combination Light
Assembly LH, RH
R
45 A
STP2
7 A
STP
16 A
STPO
A24(A), A25(B)
Skid Control ECU with Actuator Assembly
CANH
CANL
SP1
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
11 A
25 A
12 A
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
V
L
V–W
V
LG
B
L
B
W
R
G
Speed Sensors
V
L
V–W


(IG)
5A ECU–IG No. 1
(IG)
10A ECU–IG No. 2
(BAT)
30A ABS2
(BAT)
50A ABS1
(IG)
10A IGN
56 2D
12 2B
2
1
2
1
2
1
E5
Skid Control Buzzer Assembly
IG1
BZ
G
2
1
Y
40 EA2
Y–G
30 A
BZ
G
34
44
E59
Junction Connector
G
44
74
E61
Junction Connector
G
42
62
E60
Junction Connector
G
G
5 AA1
G
46 A
IG1
W
2 AA1
W
31 A
+BS
B
B
2 A
+BM1
B
2 B
+BM2
B
1 B
IG2
A24(A), A25(B)
Skid Control ECU with Actuator Assembly
GND1
GND2
GND3
1 A
32 A
4 B
W–B
1 AA1
W–B
W–B
W–B
A1
A3
A2

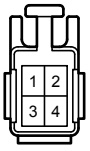
A 24
Black



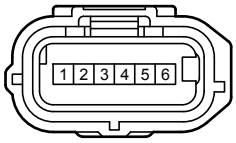
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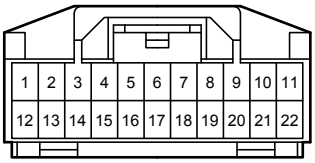
A 30
Gray



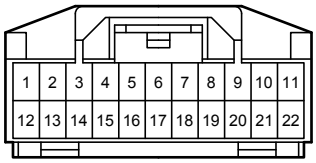
A 31
Black



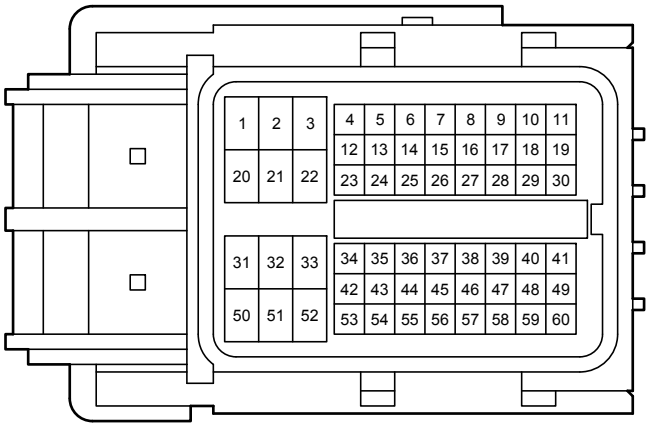
A 34
White



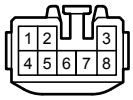
A 37
Blue



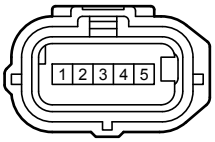
A 38
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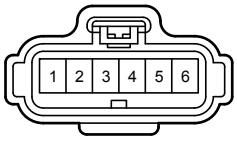
A 39
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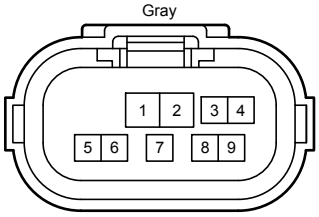
A 56
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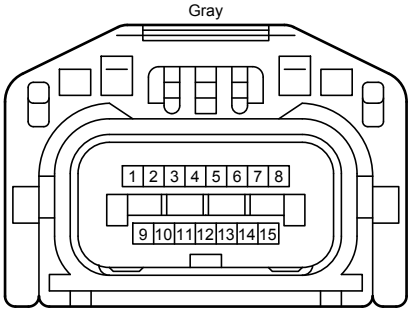
C 3
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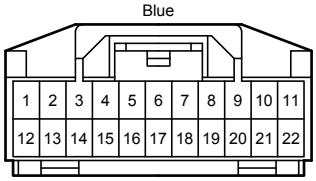
C 24
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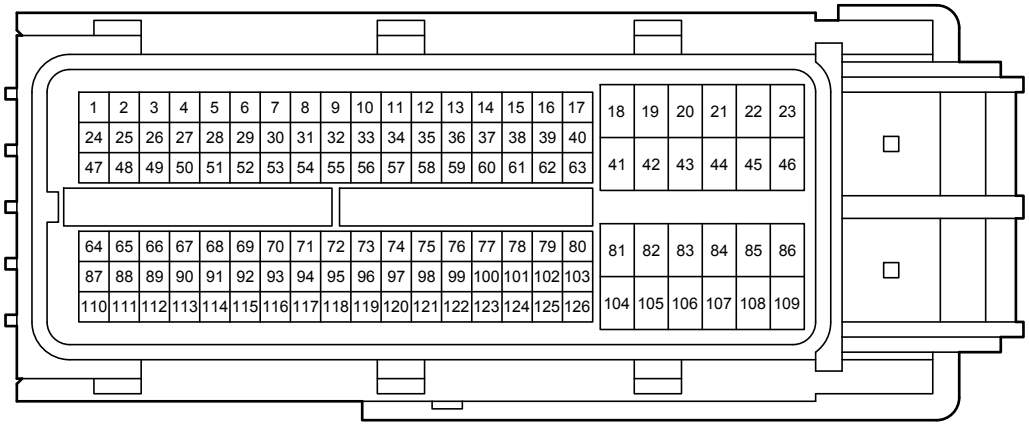
C 34
Gray



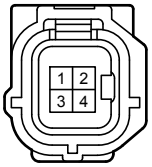
C 44
Blue



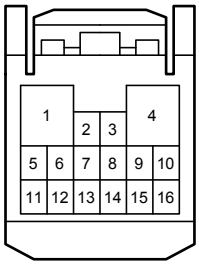
C 45
Black



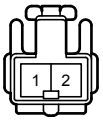
C 96
Gray



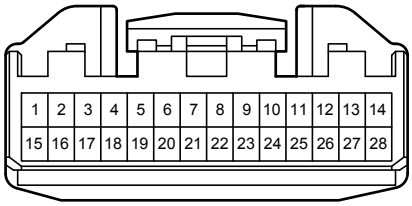
E 3
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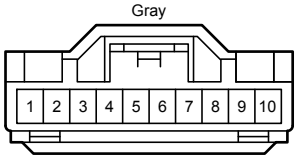
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Blue



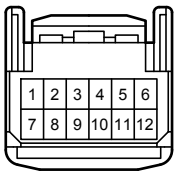
E 7
White



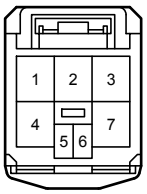
E 11
Gray



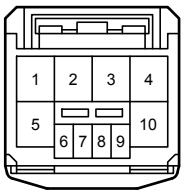
E 12
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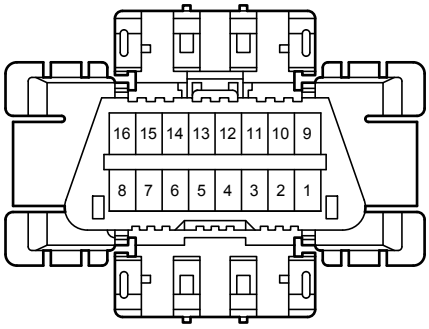
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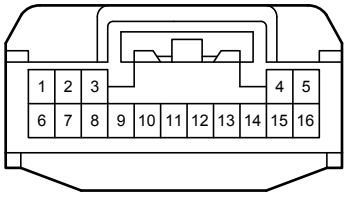
E 16
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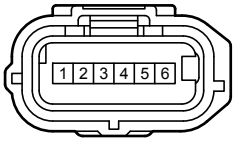
E 22
White



E 31
White

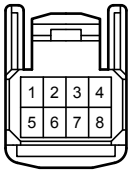


E 50
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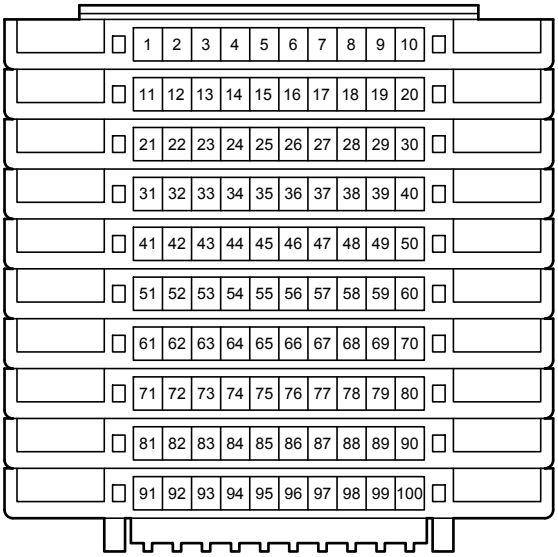


E 52

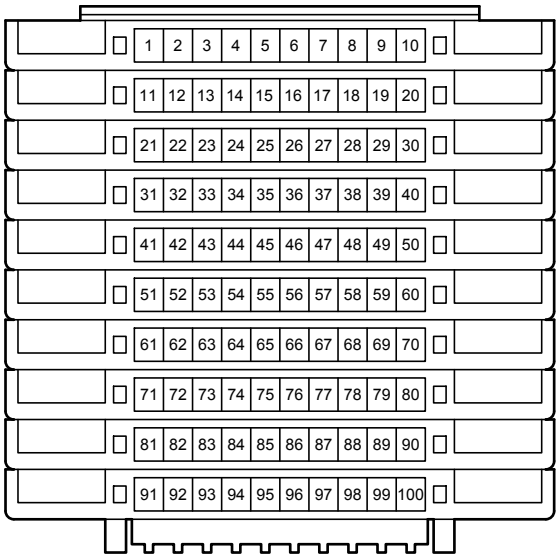
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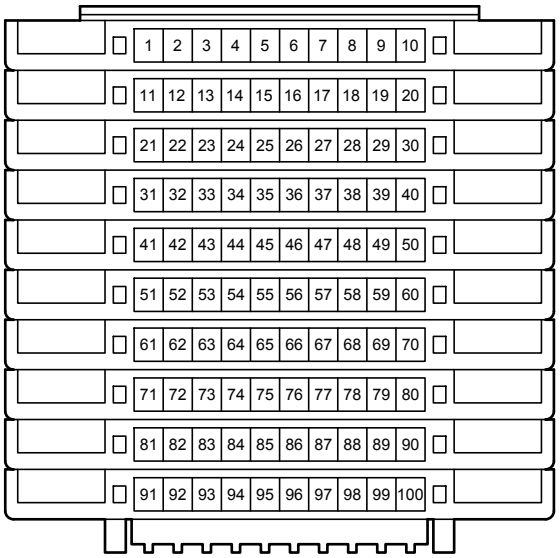
E 58



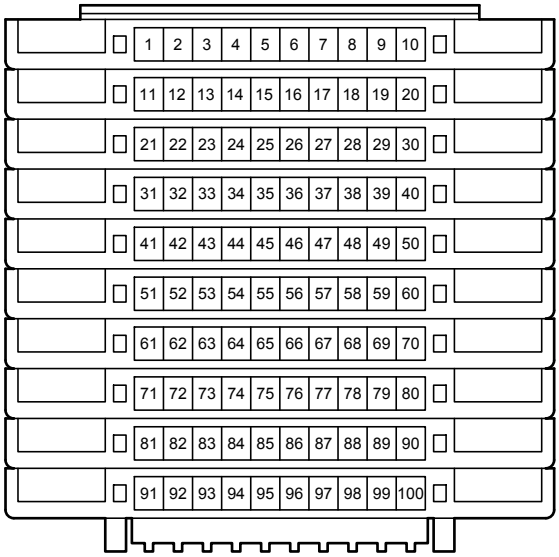
E 59



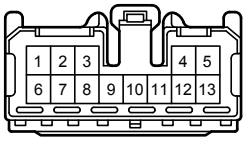
E 60



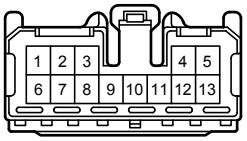
E 61



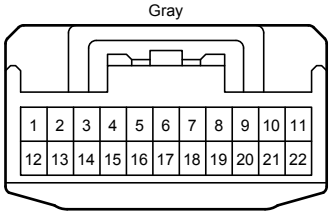
E 62
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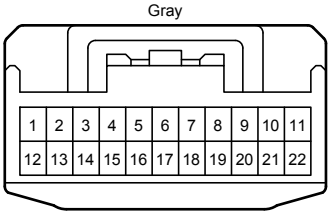
E 66
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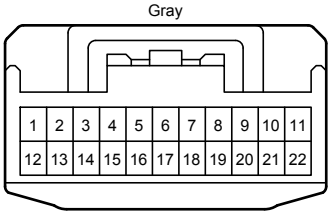
E 68
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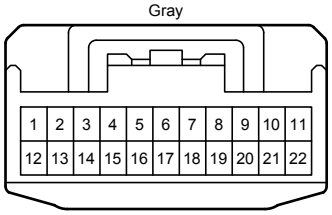
E 69
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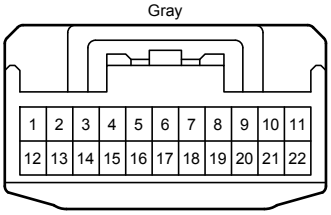
E 71
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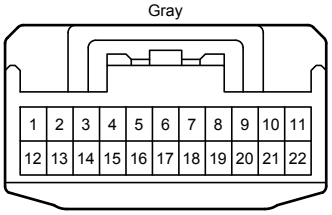
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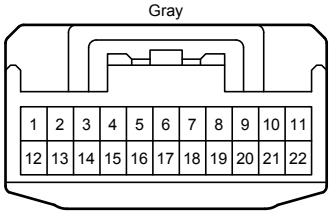
E 73
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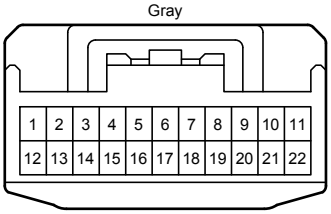
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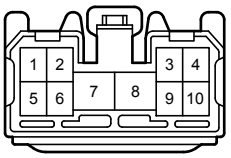
E 75
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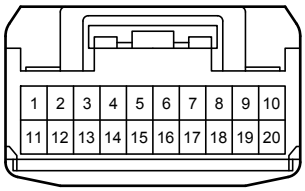
E 76
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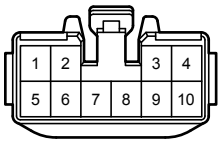
E 77
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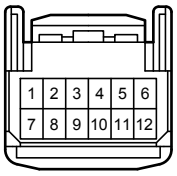
E 79
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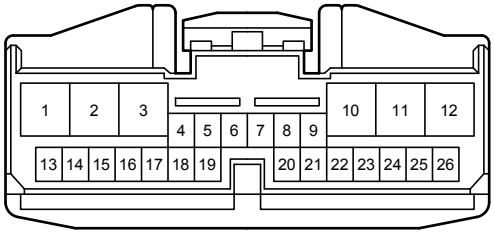
E 83
Blue



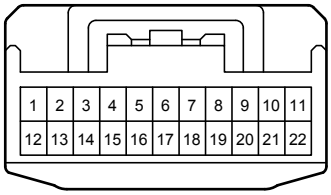
E 85
White



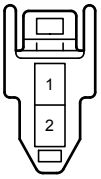
E108
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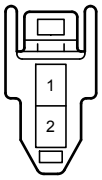
F 73
Blue



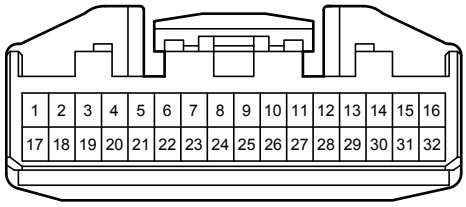
L 29
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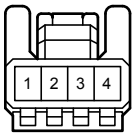
L 30
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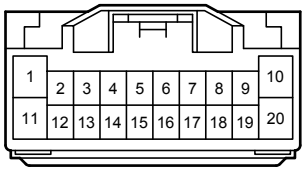
R 7
White



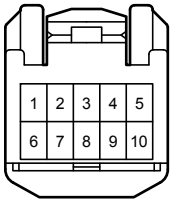
R 11
Black



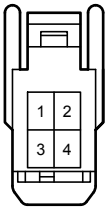
V 4
White



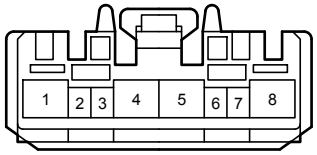
z 36
White



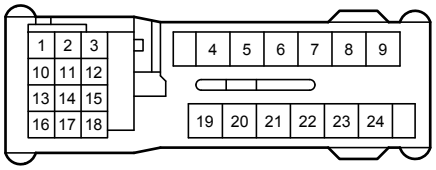
z 37
White



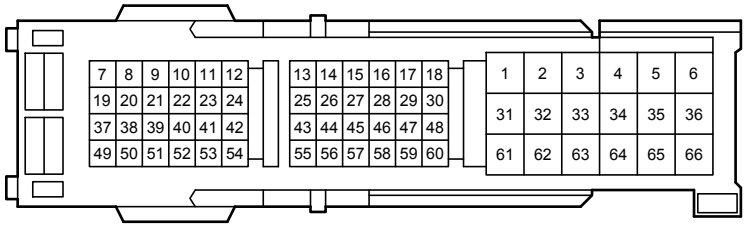
1B
White



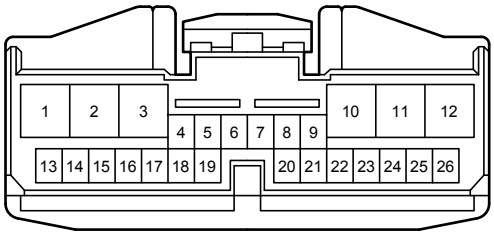
2B
White



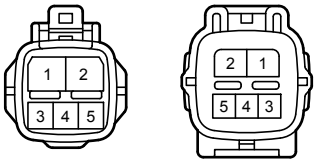
2D
White



3C
White

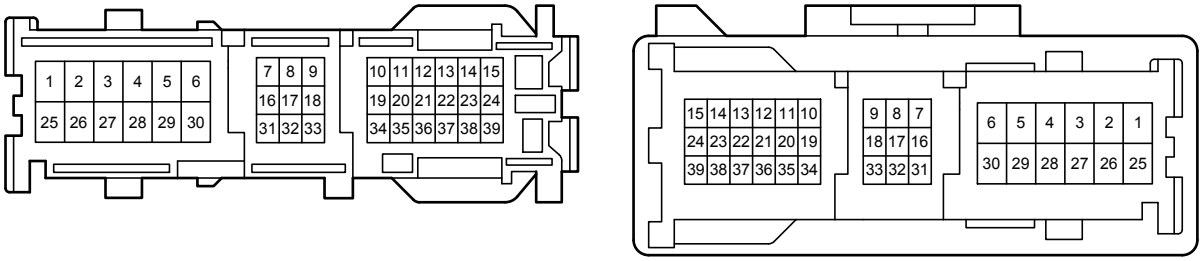


AA1
Gray



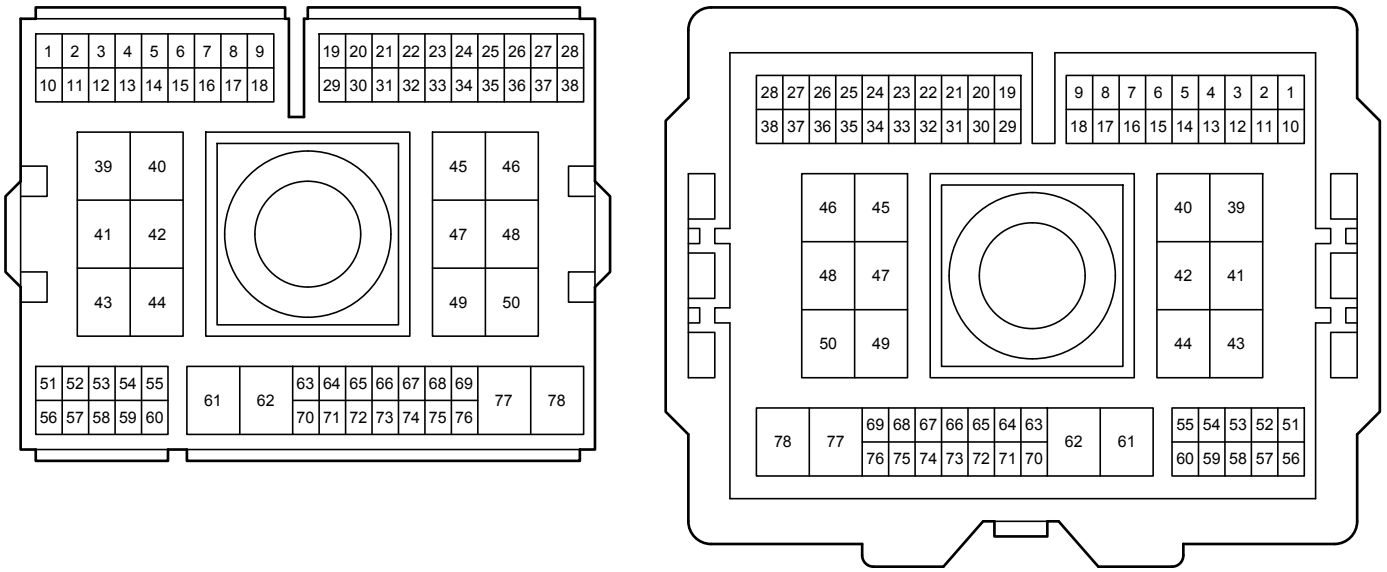
CA3

White



EA1

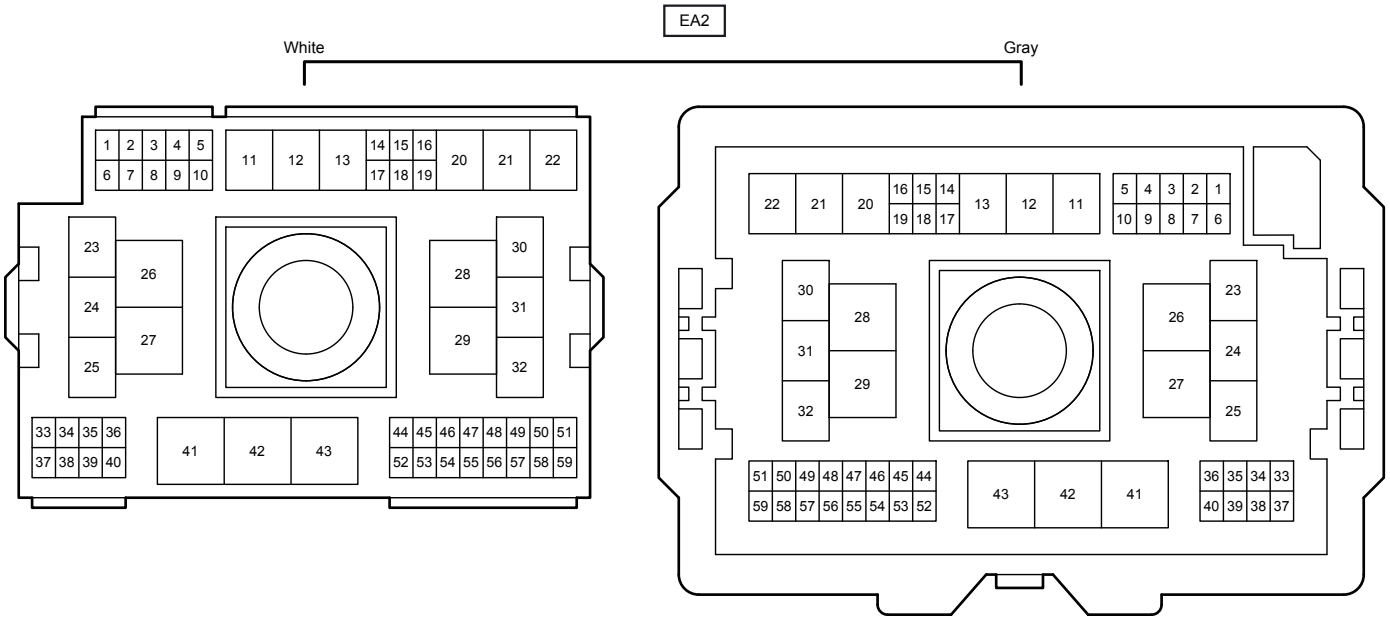
White



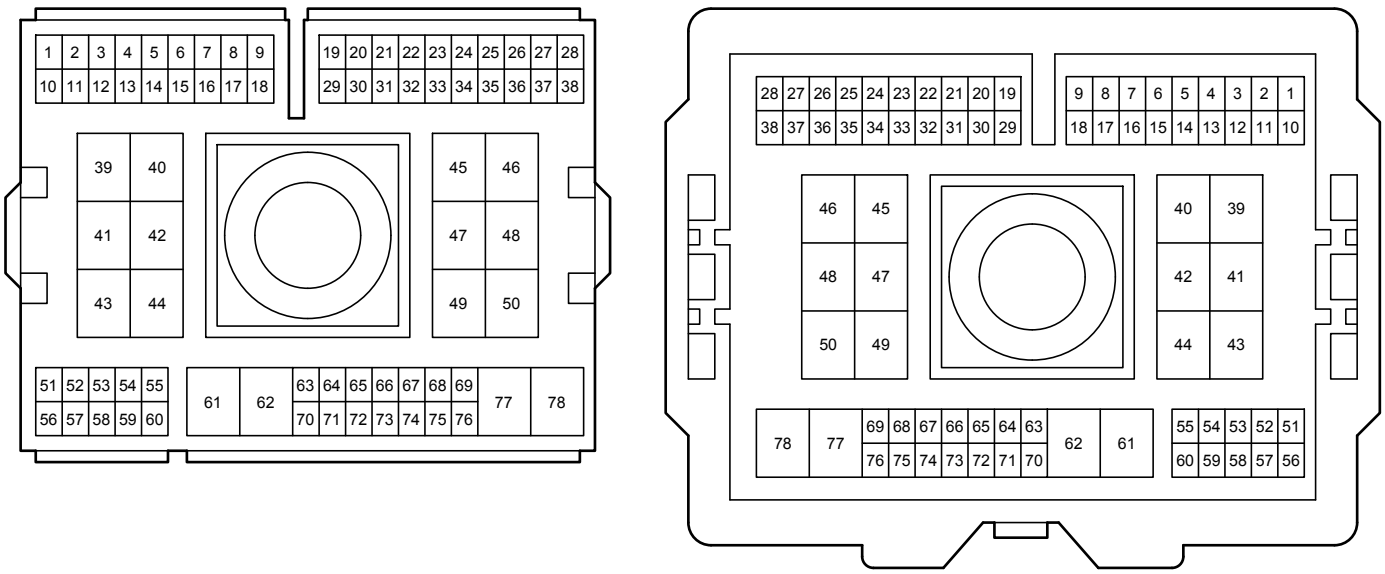
EA2

White

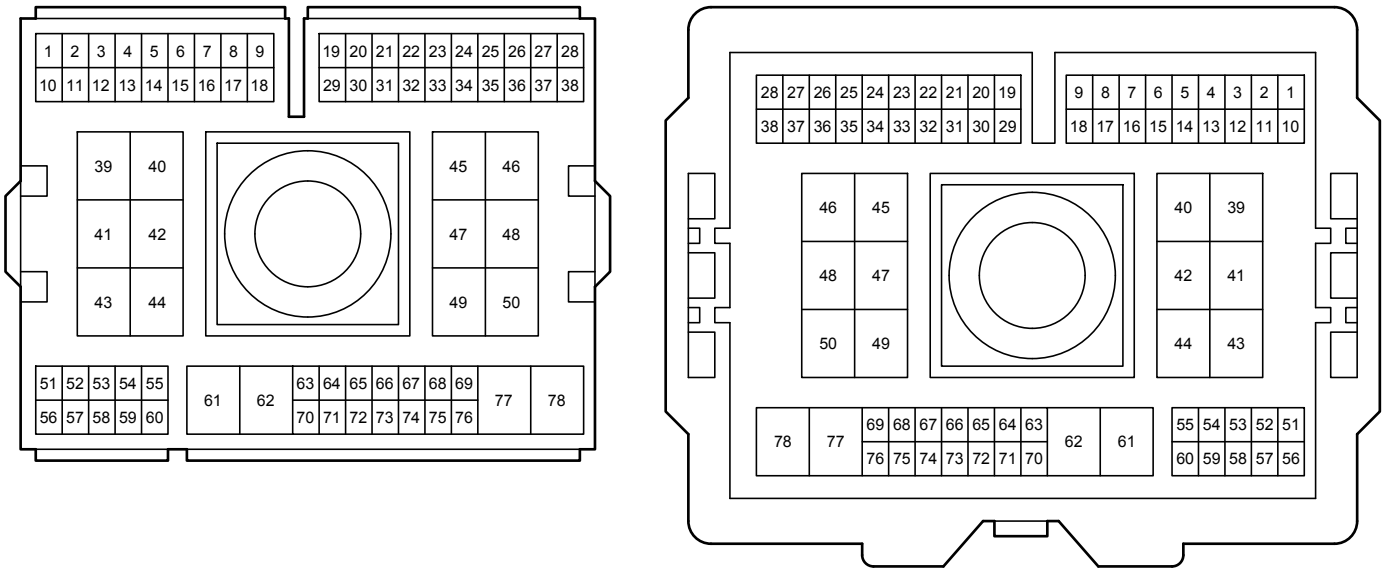
Gray



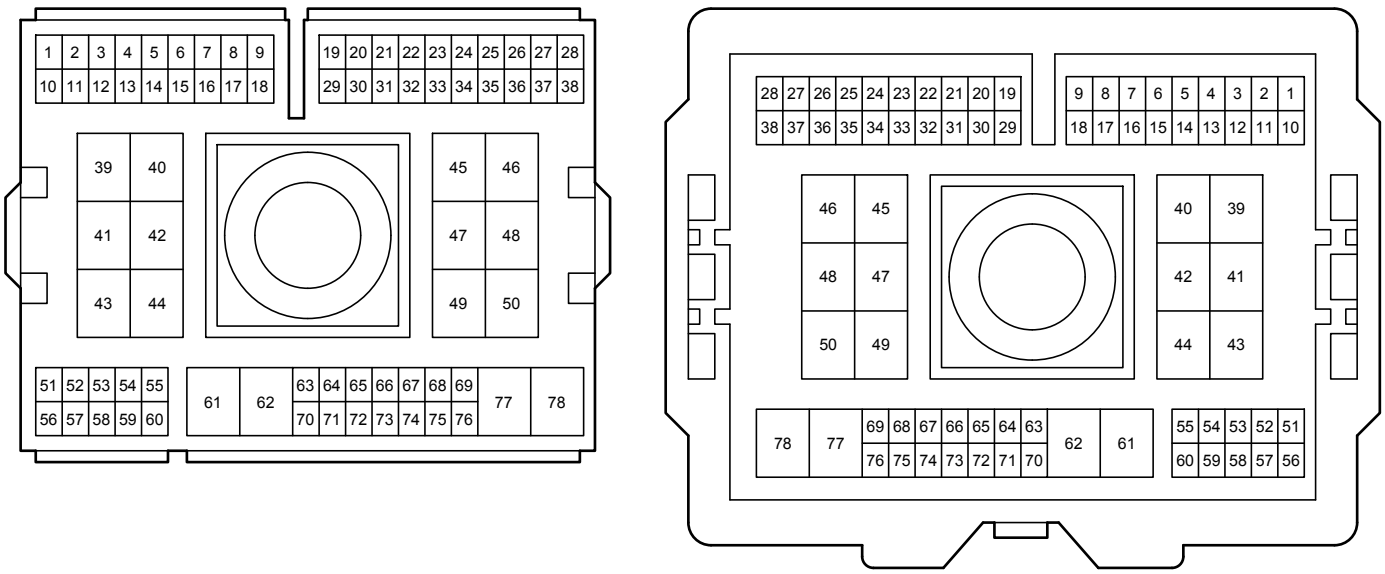
EA3
White



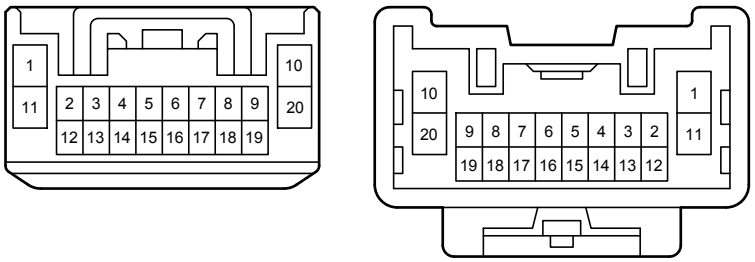
EK2
White



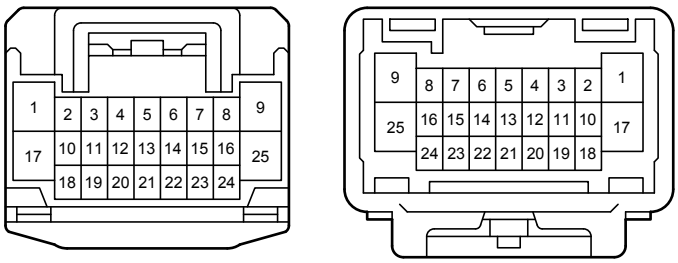
EL1
White



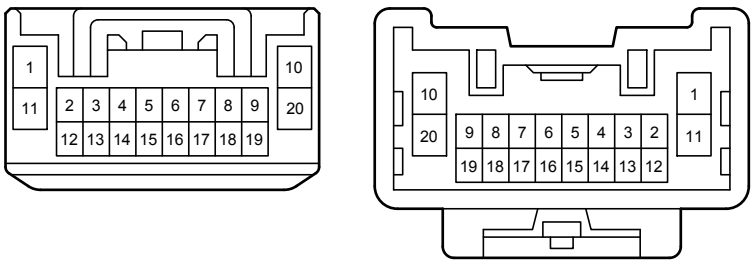
FE4
White

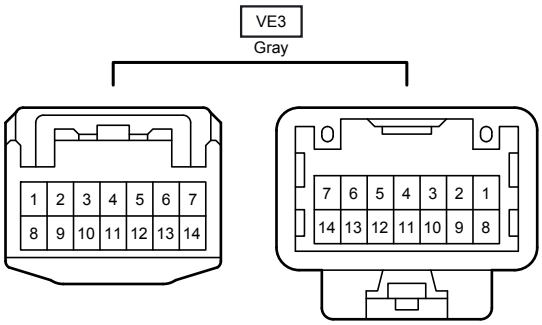


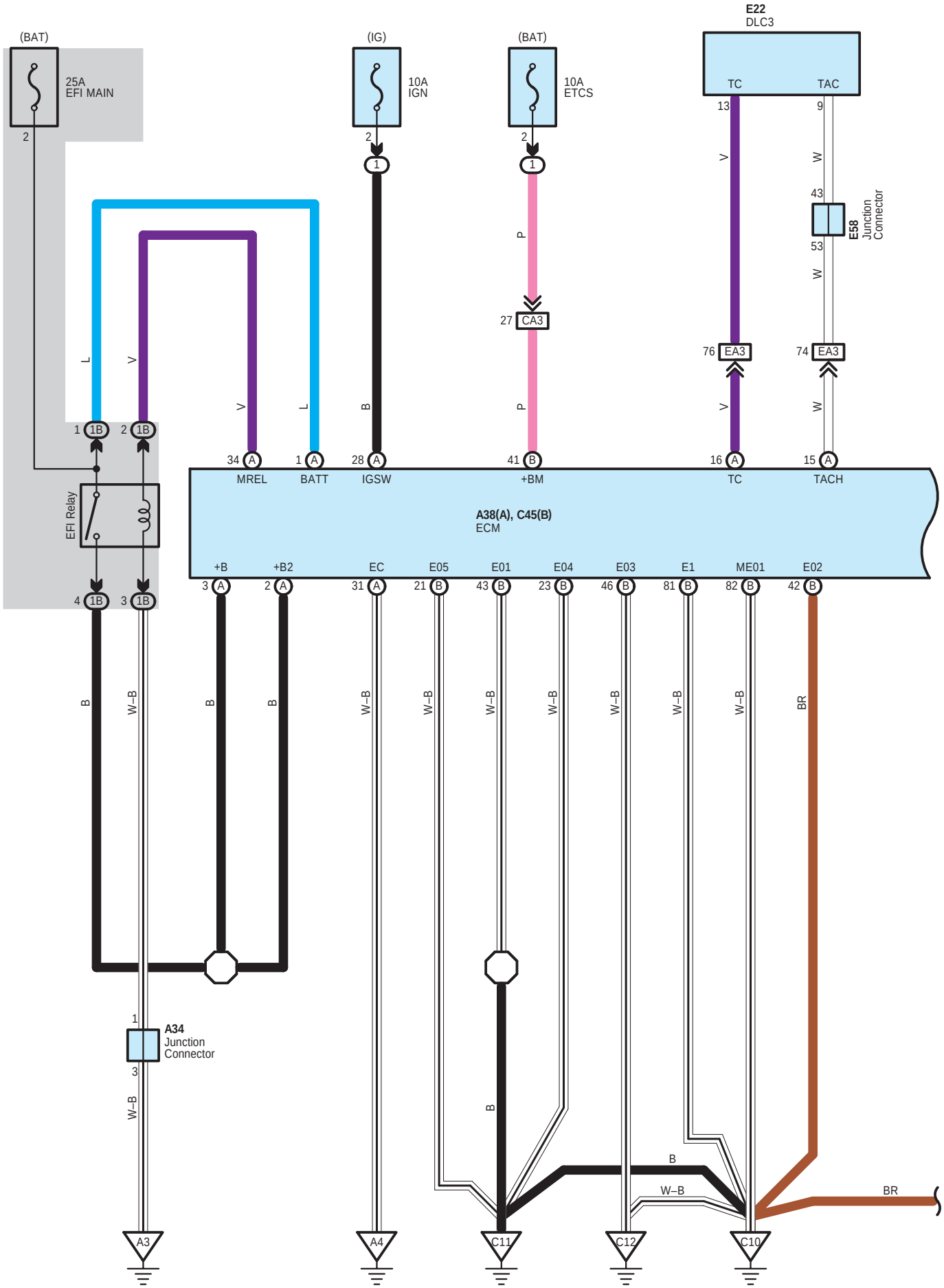
KL1
White

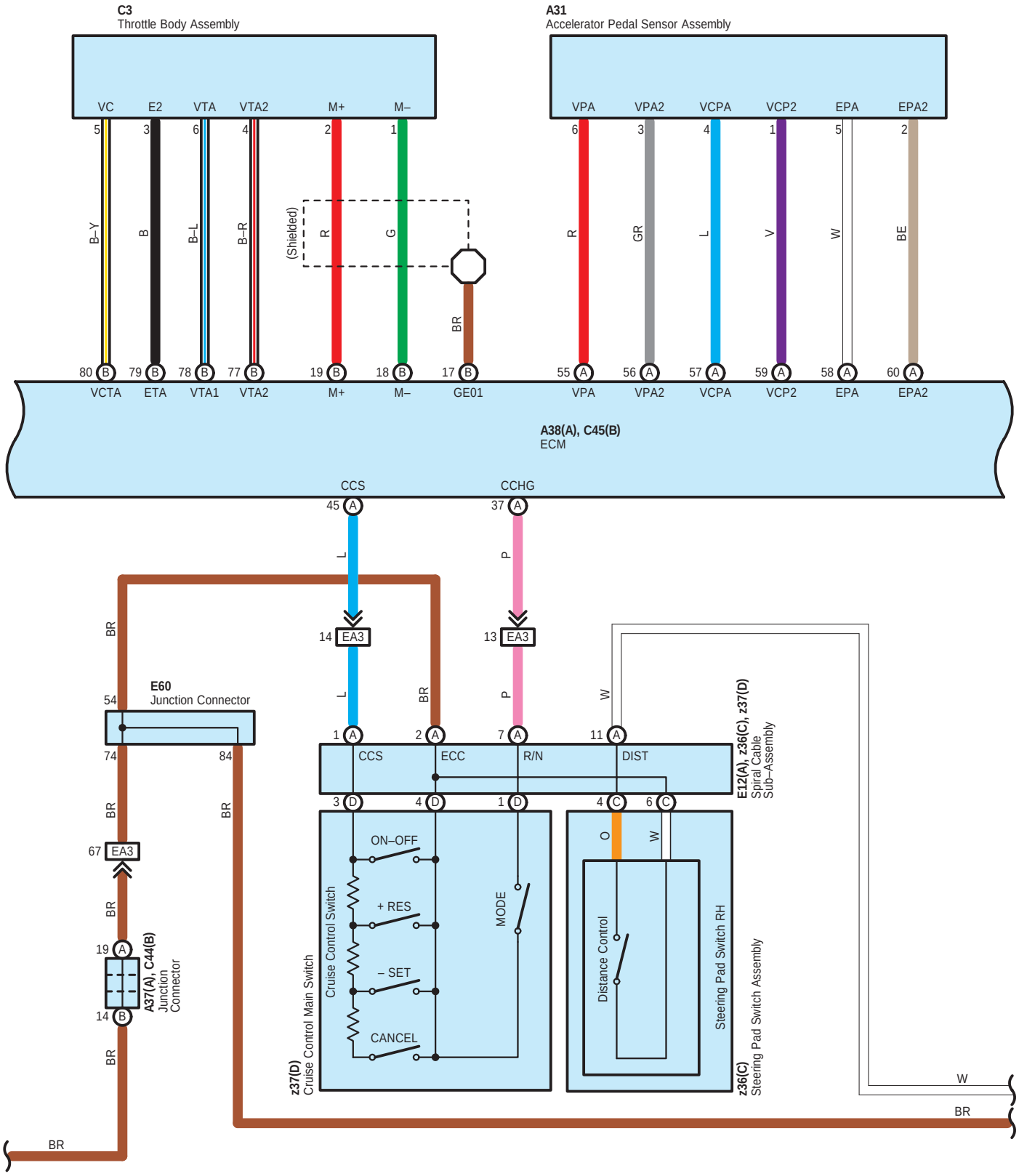


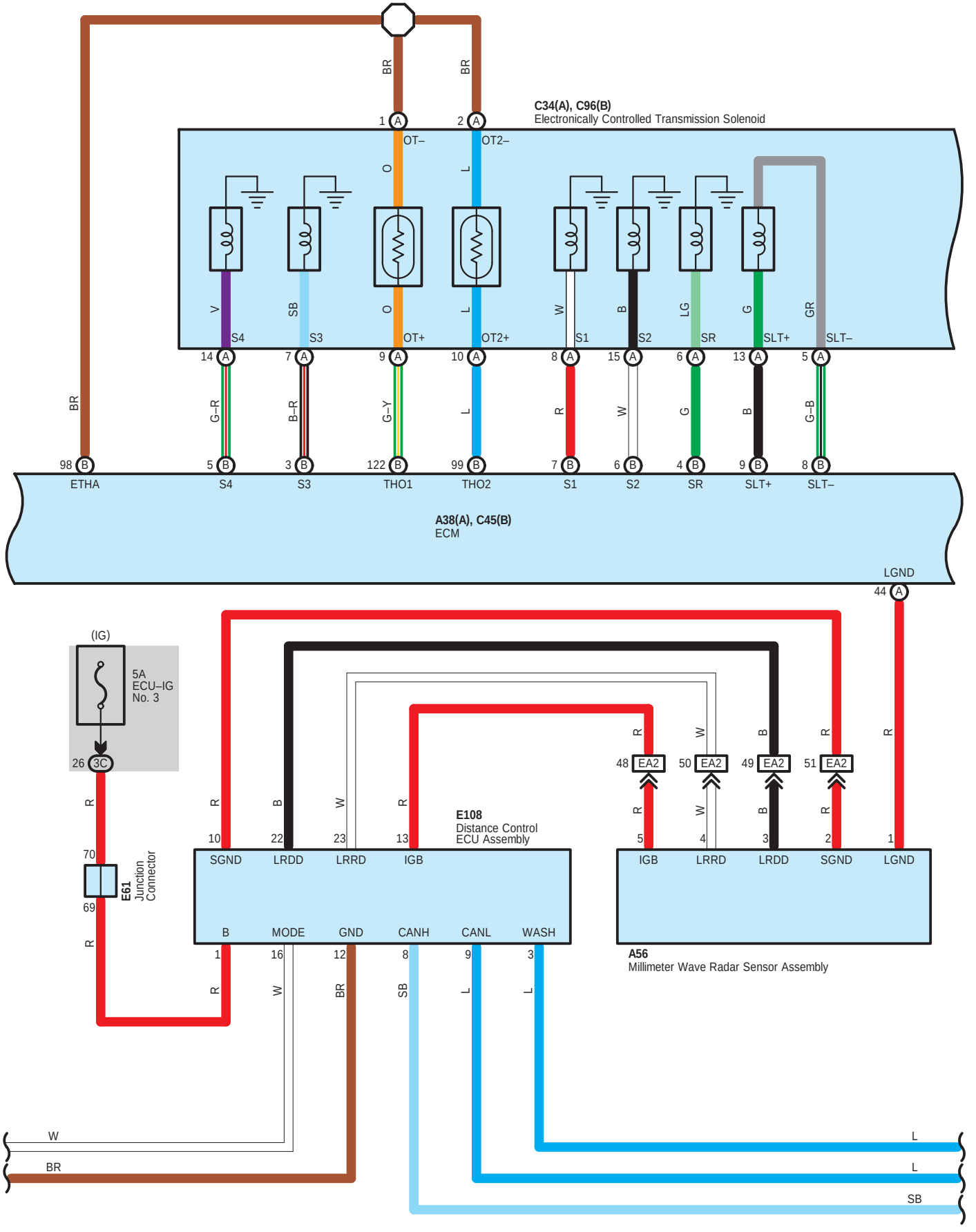
RE2
Blue

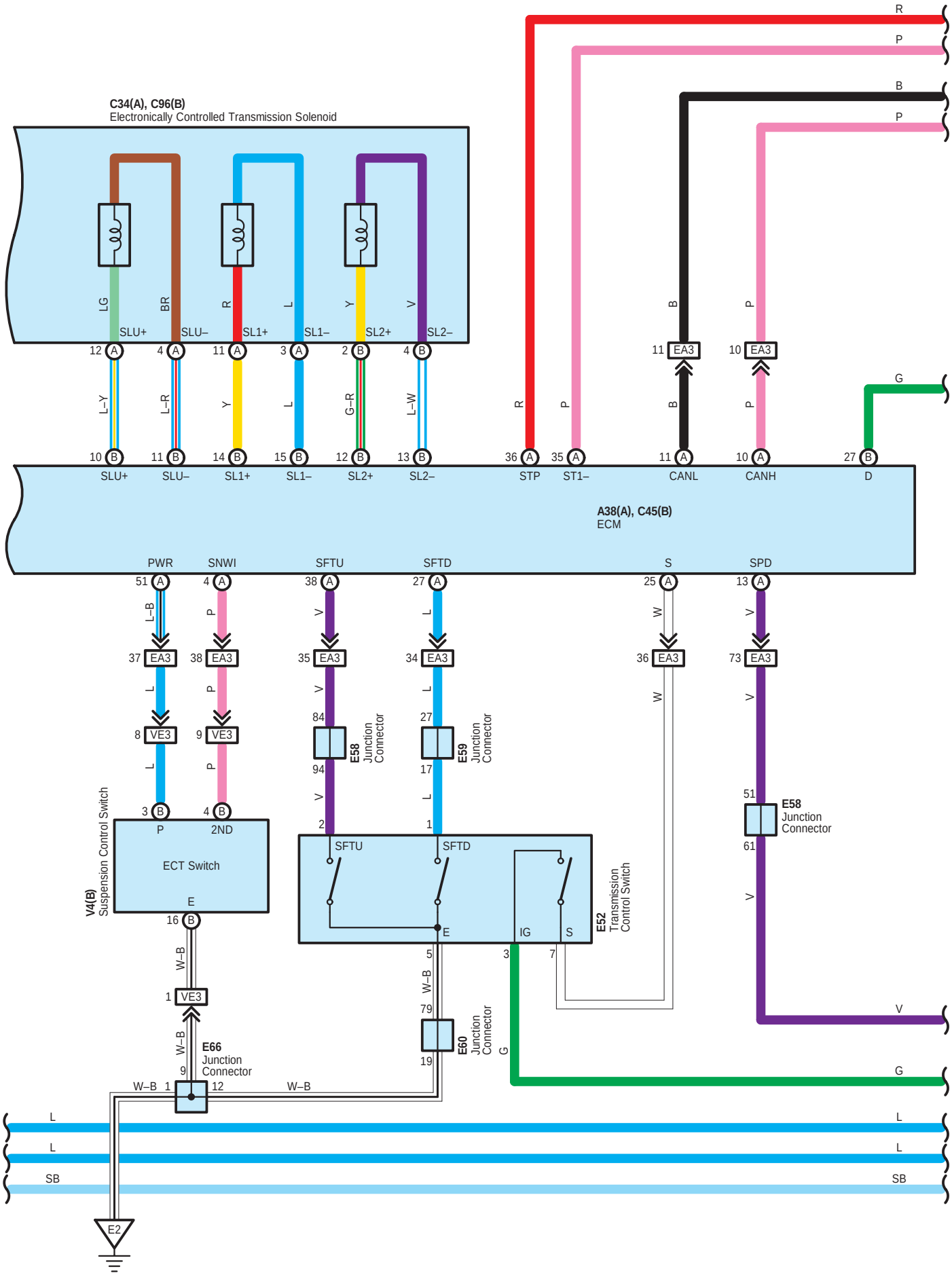


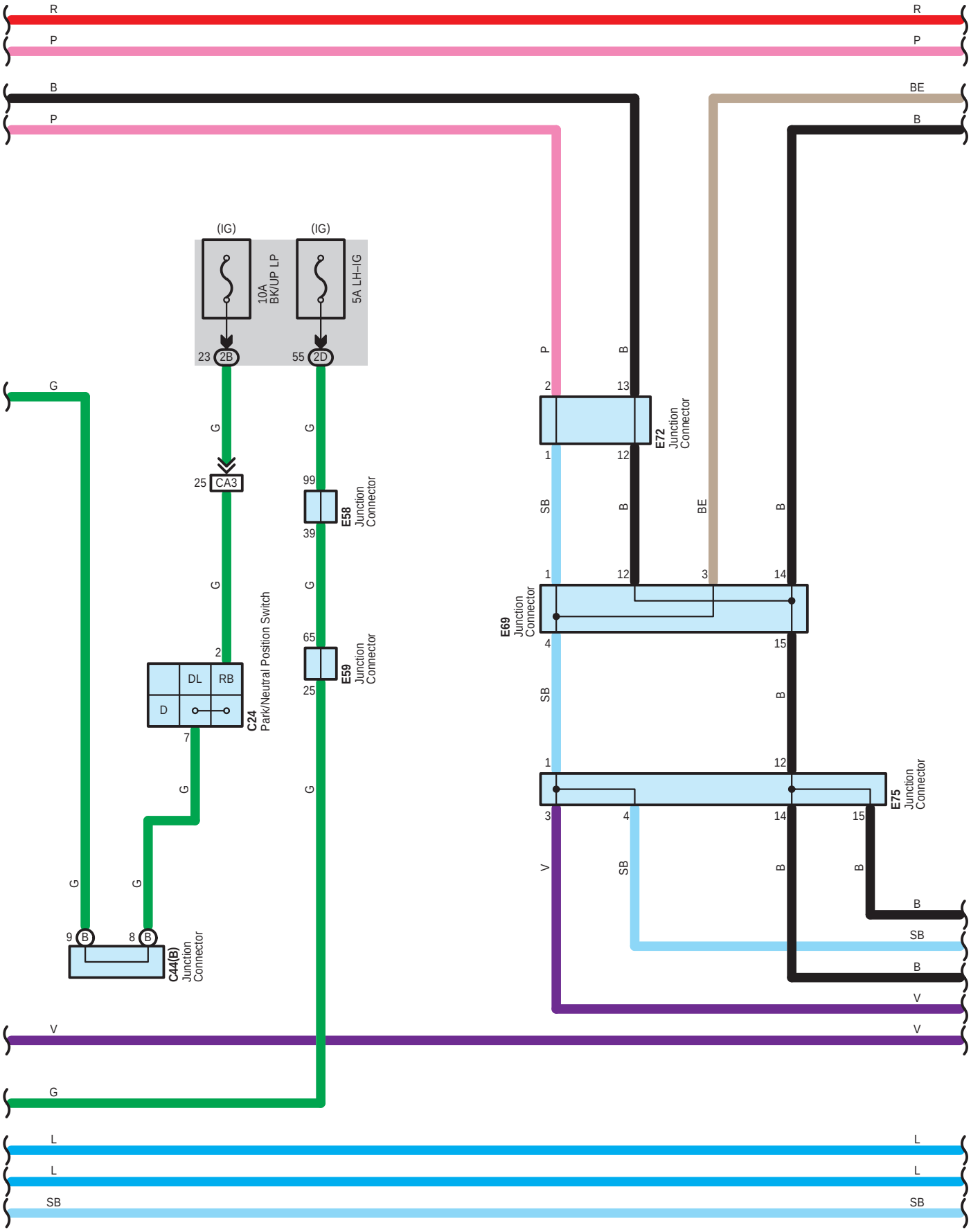

VE3
Gray
1 2 3 4 5 6 7
8 9 10 11 12 13 14
7 6 5 4 3 2 1
14 13 12 11 10 9 8

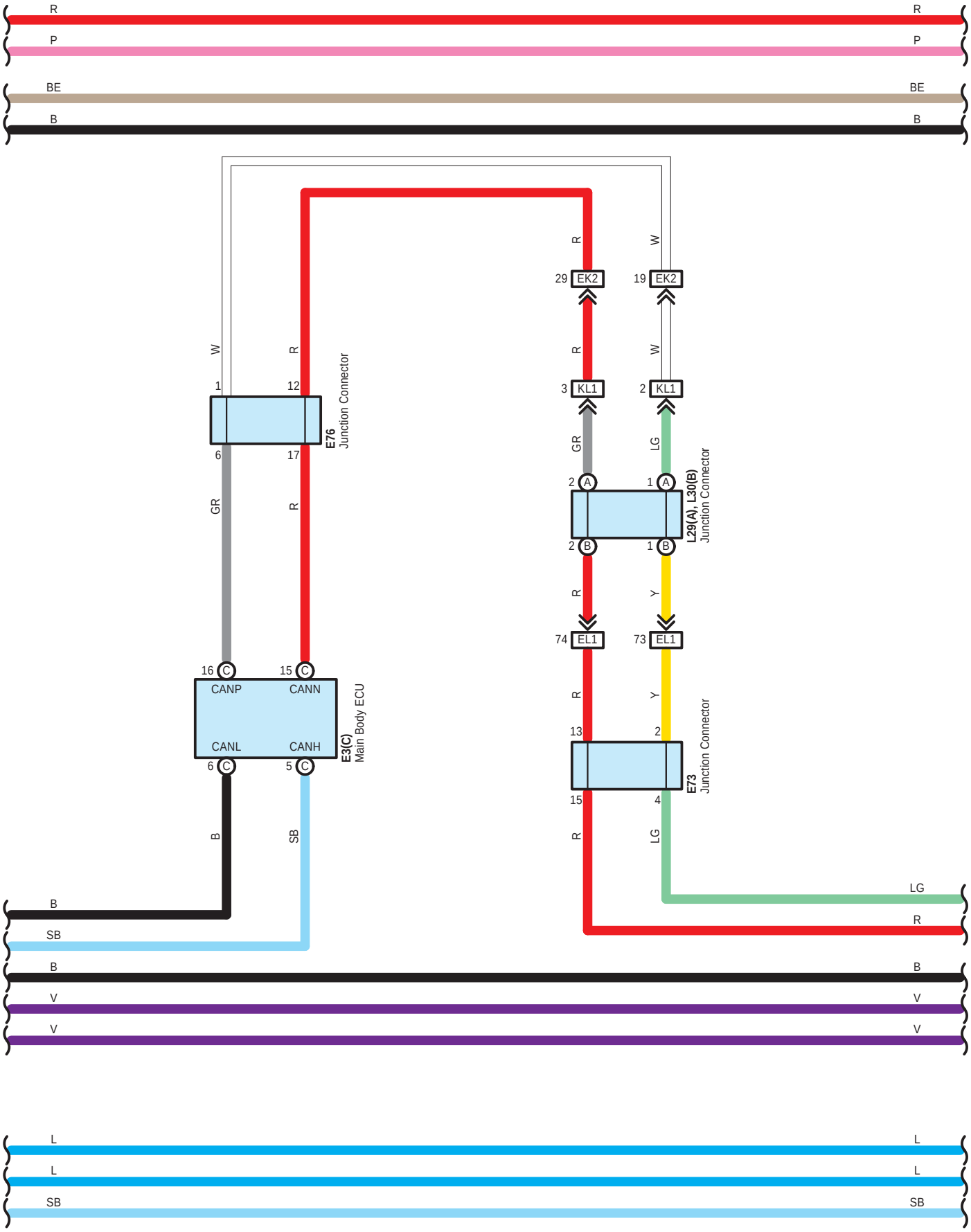

(BAT)
25A
EFI MAIN
2
(IG)
10A
IGN
2
1
(BAT)
10A
ETCS
2
1
E22
DLC3
TC
TAC
13
9
V
W
43
E58
Junction
Connector
53
W
P
27 CA3
76 EA3
74 EA3
V
W
L
V
V
L
B
P
1 1B
2 1B
34 A
1 A
28 A
41 B
16 A
15 A
MREL
BATT
IGSW
+BM
TC
TACH
EFI Relay
A38(A), C45(B)
ECM
+B
+B2
EC
E05
E01
E04
E03
E1
ME01
E02
4 1B
3 1B
3 A
2 A
31 A
21 B
43 B
23 B
46 B
81 B
82 B
42 B
B
W–B
B
B
W–B
W–B
W–B
W–B
W–B
W–B
BR
1
A34
Junction
Connector
3
W–B
B
B
W–B
BR
A3
A4
C11
C12
C10

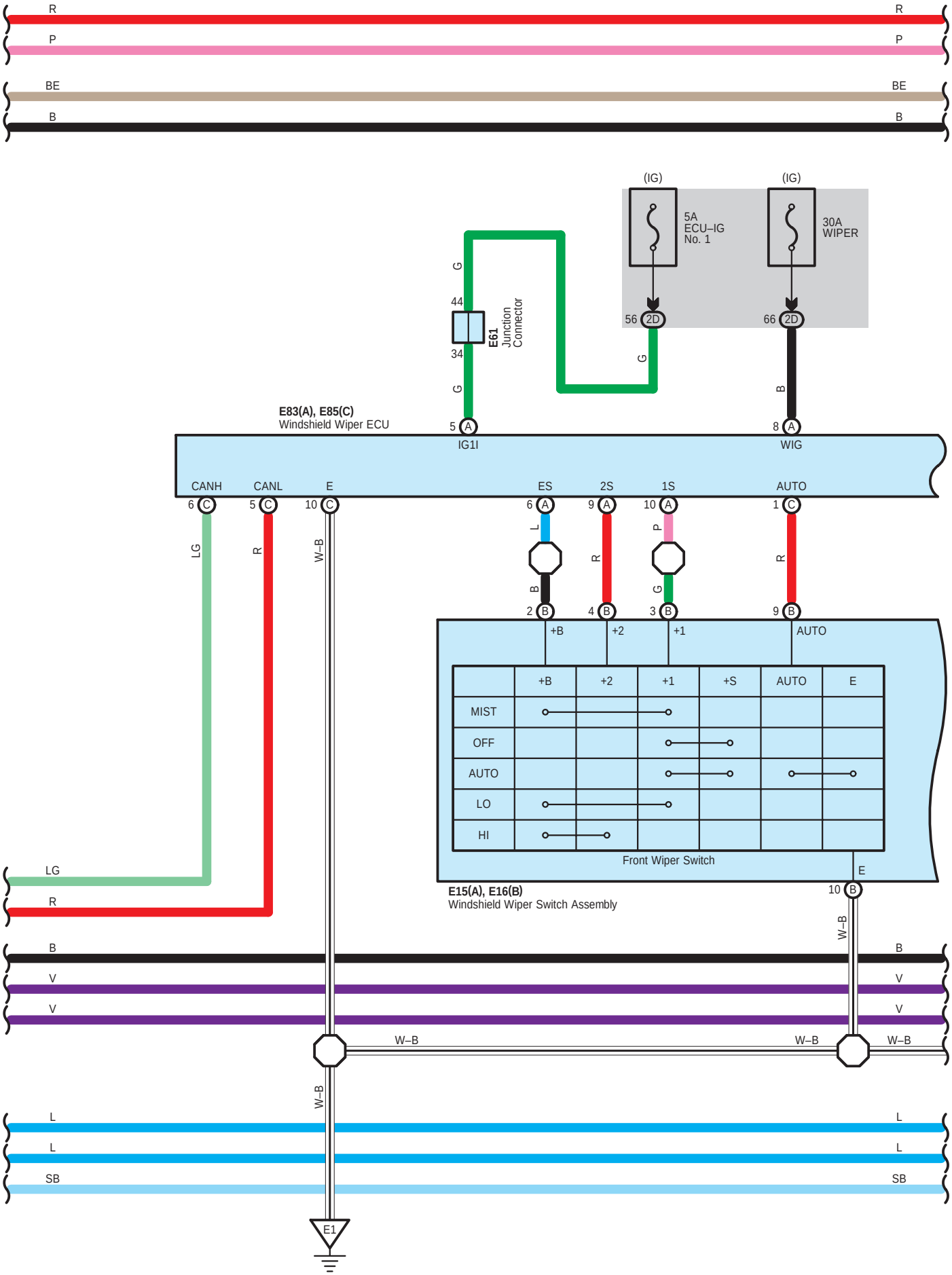

C3
Throttle Body Assembly
VC
E2
VTA
VTA2
M+
M–
A31
Accelerator Pedal Sensor Assembly
VPA
VPA2
VCPA
VCP2
EPA
EPA2
(Shielded)
VCTA
ETA
VTA1
GE01
A38(A), C45(B)
ECM
CCS
CCHG
E60
Junction Connector
EA3
CCS
ECC
R/N
DIST
E12(A), z36(C), z37(D)
Spiral Cable
Sub–Assembly
ON–OFF
+ RES
– SET
CANCEL
MODE
Cruise Control Switch
z37(D)
Cruise Control Main Switch
Distance Control
Steering Pad Switch RH
z36(C)
Steering Pad Switch Assembly
A37(A), C44(B)
Junction
Connector

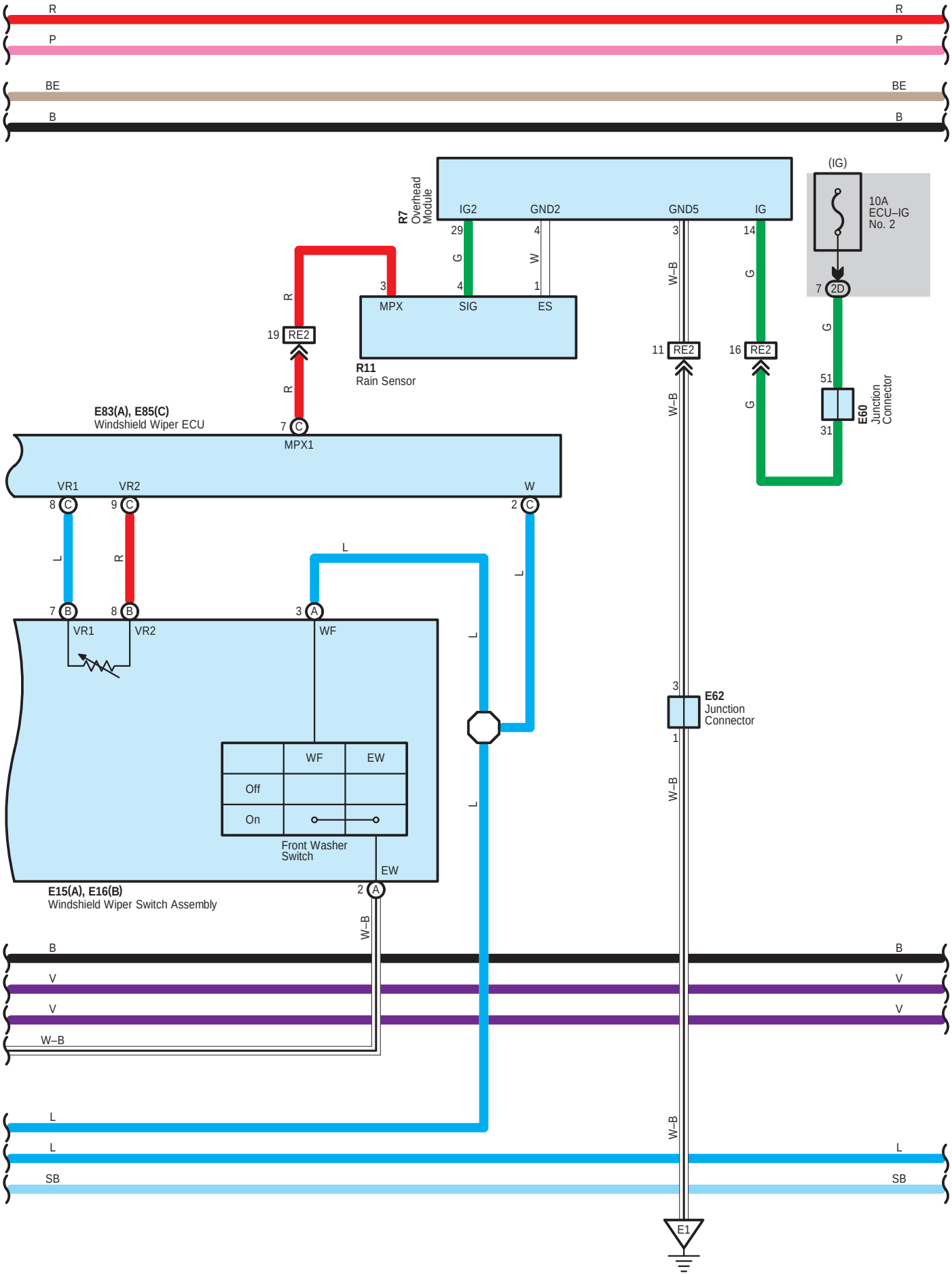

C34(A), C96(B)
Electronically Controlled Transmission Solenoid
1 A
2 A
BR
BR
OT–
OT2–
O
L
V
SB
O
L
W
B
LG
G
GR
S4
S3
OT+
OT2+
S1
S2
SR
SLT+
SLT–
14 A
7 A
9 A
10 A
8 A
15 A
6 A
13 A
5 A
G–R
B–R
G–Y
L
R
W
G
B
G–B
98 B
5 B
3 B
122 B
99 B
7 B
6 B
4 B
9 B
8 B
ETHA
S4
S3
THO1
THO2
S1
S2
SR
SLT+
SLT–
A38(A), C45(B)
ECM
LGND
44 A
(IG)
5A
ECU–IG
No. 3
26 3C
R
70
E61
Junction
Connector
69
R
E108
Distance Control
ECU Assembly
10 22 23 13
SGND LRDD LRRD IGB
B MODE GND CANH CANL WASH
1 16 12 8 9 3
R W BR SB L L
48 EA2
50 EA2
49 EA2
51 EA2
R W B R R
5 4 3 2 1
IGB LRRD LRDD SGND LGND
A56
Millimeter Wave Radar Sensor Assembly
W
BR
L
L
SB

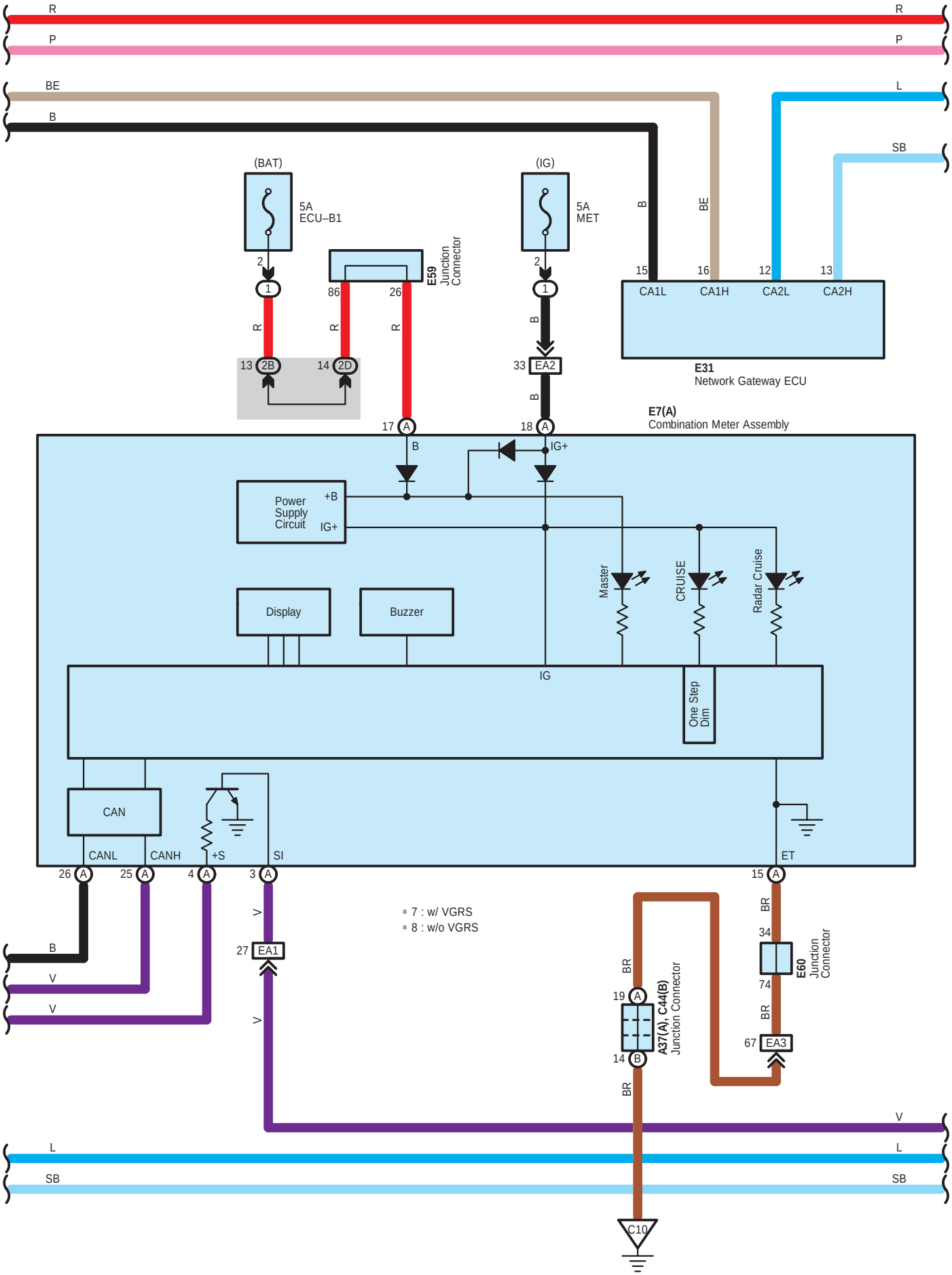

C34(A), C96(B)
Electronically Controlled Transmission Solenoid
LG
BR
R
L
Y
V
SLU+
SLU–
SL1+
SL1–
SL2+
SL2–
12 A
4 A
11 A
3 A
2 B
4 B
L–Y
L–R
Y
L
G–R
L–W
10 B
11 B
14 B
15 B
12 B
13 B
R
P
B
P
11 EA3
10 EA3
G
27 B
36 A
35 A
11 A
10 A
STP
ST1–
CANL
CANH
D
A38(A), C45(B)
ECM
PWR
SNWI
SFTU
SFTD
S
SPD
51 A
4 A
38 A
27 A
25 A
13 A
L–B
P
V
L
W
37 EA3
38 EA3
35 EA3
34 EA3
36 EA3
73 EA3
8 VE3
9 VE3
84
94
27
17
51
61
E58
Junction
Connector
E59
Junction
Connector
3 B
4 B
2
1
5
79
19
3
7
P
2ND
ECT Switch
E
V4(B)
Suspension Control Switch
SFTU
SFTD
IG
S
E52
Transmission
Control Switch
16 B
1 VE3
9
1
12
E66
Junction
Connector
E60
Junction
Connector
W–B
G
L
SB
E2

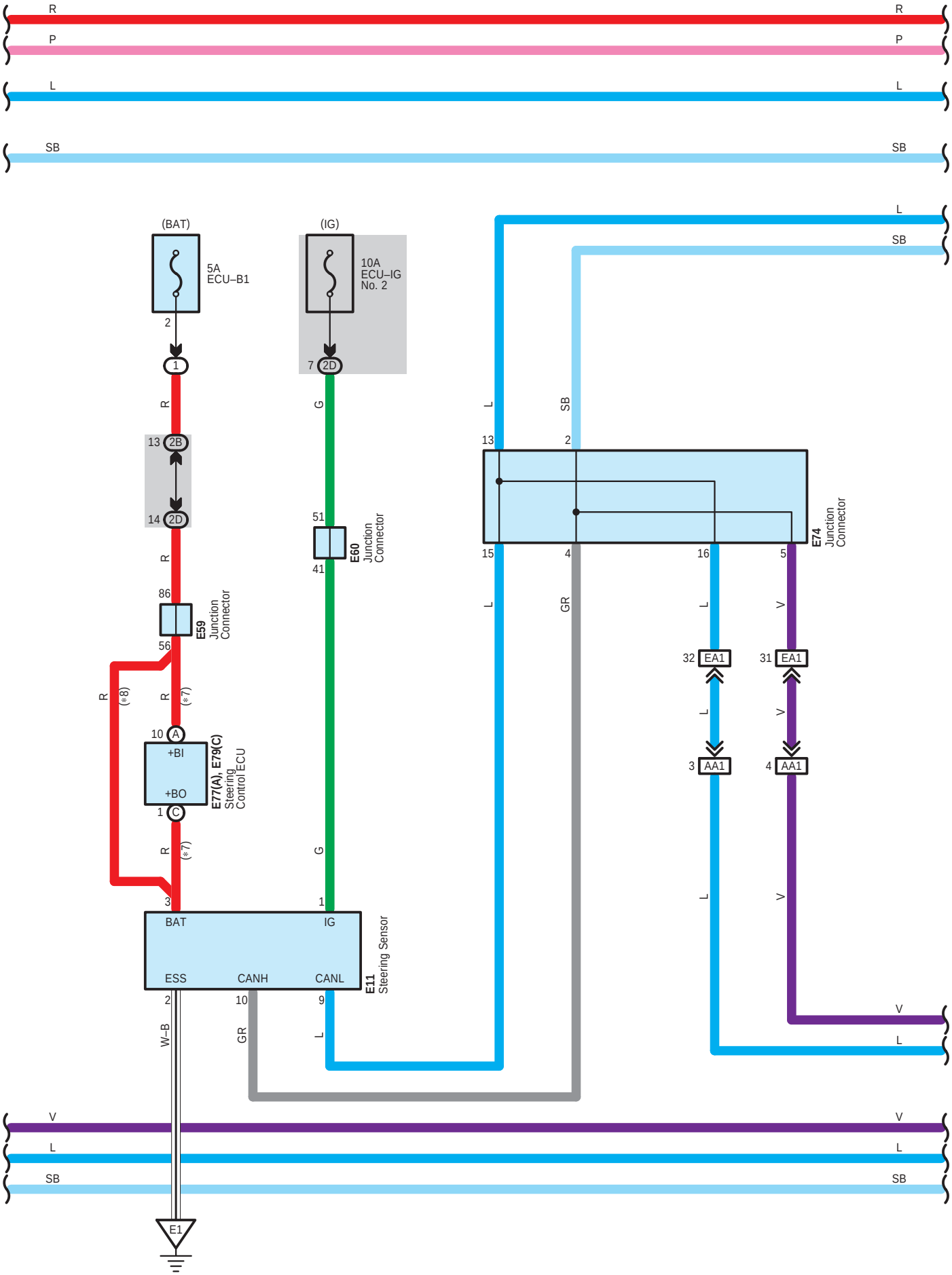

R
P
B
P
BE
B
(IG)
(IG)
10A
BK/UP LP
5A LH-IG
23 2B
55 2D
G
G
25 CA3
99
39
E58
Junction
Connector
G
G
2
DL
RB
D
C24
Park/Neutral Position Switch
7
65
25
E59
Junction
Connector
G
G
G
G
9 B
8 B
C44(B)
Junction
Connector
P
B
2
13
1
12
E72
Junction
Connector
SB
B
BE
B
1
12
3
14
E69
Junction
Connector
4
15
SB
B
1
12
3
4
14
15
E75
Junction
Connector
V
SB
B
B
B
SB
B
V
V
V
G
L
L
SB
L
L
SB

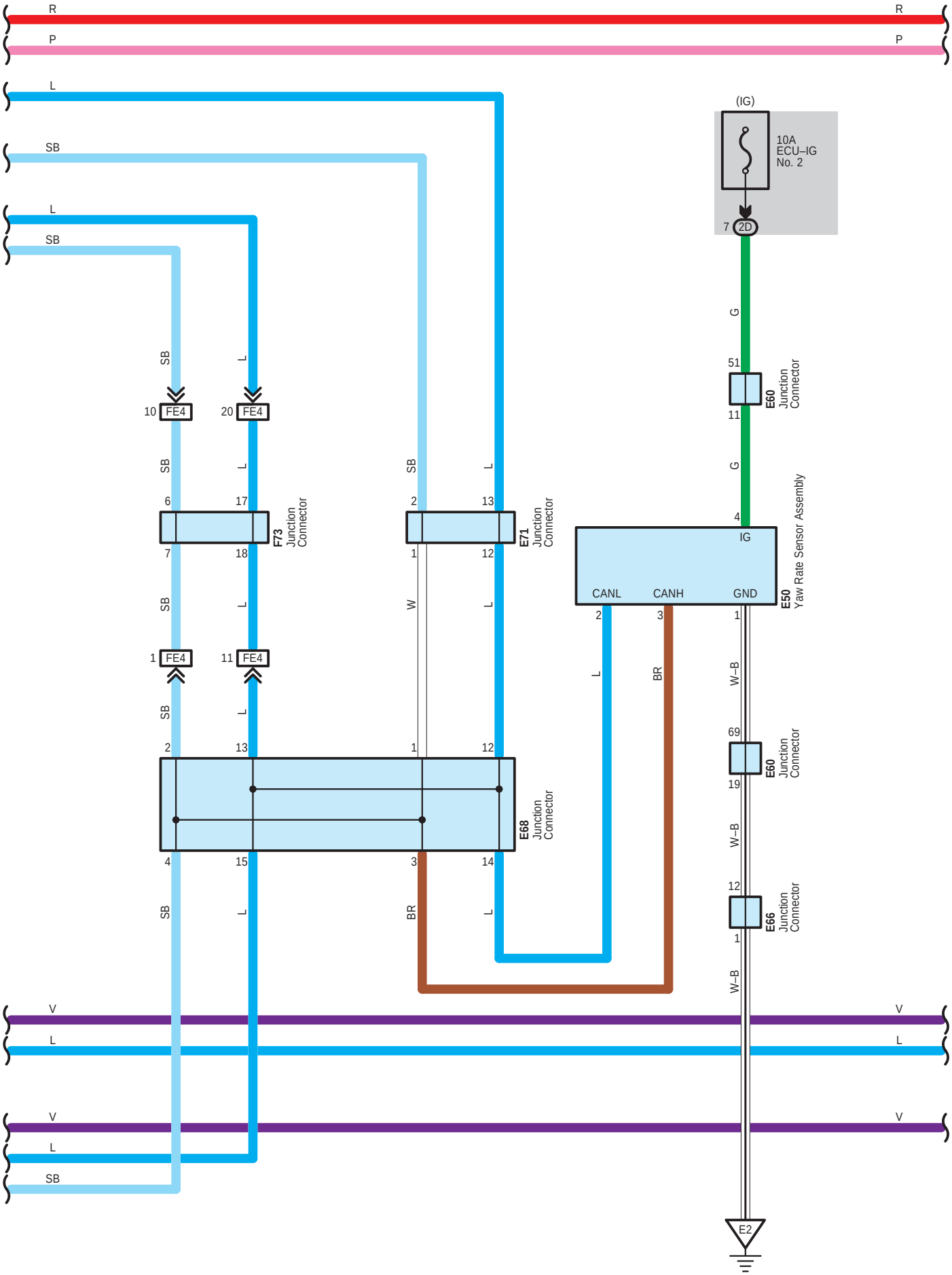

R
P
BE
B
W
R
1
12
E76
Junction Connector
6
17
GR
R
16 C
15 C
CANP
CANN
CANL
CANH
6 C
5 C
E3(C)
Main Body ECU
B
SB
R
W
29 EK2
19 EK2
R
W
3 KL1
2 KL1
GR
LG
2 A
1 A
2 B
1 B
L29(A), L30(B)
Junction Connector
R
Y
74 EL1
73 EL1
R
Y
13
2
15
4
E73
Junction Connector
R
LG
LG
R
B
SB
B
V
V
L
L
SB

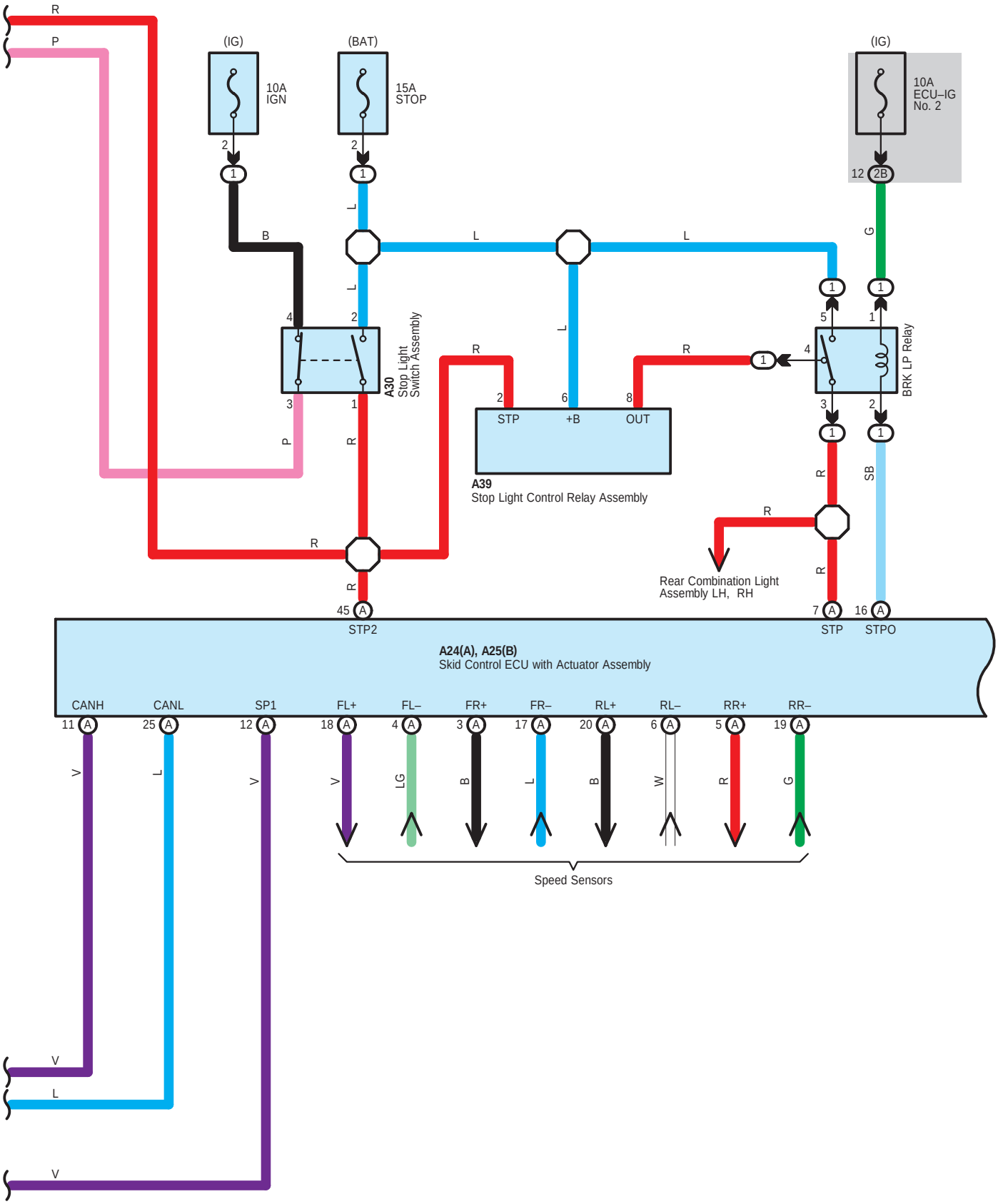

R
P
BE
B
(IG)
5A
ECU–IG
No. 1
(IG)
30A
WIPER
G
44
E61
Junction
Connector
34
G
56 2D
G
66 2D
B
E83(A), E85(C)
Windshield Wiper ECU
5 A
IG1I
8 A
WIG
CANH
CANL
E
ES
2S
1S
AUTO
6 C
5 C
10 C
6 A
9 A
10 A
1 C
LG
R
W–B
L
R
P
B
G
R
2 B
4 B
3 B
9 B
+B
+2
+1
AUTO
+B
+2
+1
+S
AUTO
E
MIST
OFF
AUTO
LO
HI
Front Wiper Switch
E
E15(A), E16(B)
Windshield Wiper Switch Assembly
10 B
W–B
LG
R
B
V
V
W–B
W–B
W–B
W–B
L
L
SB
B
V
V
L
L
SB
E1

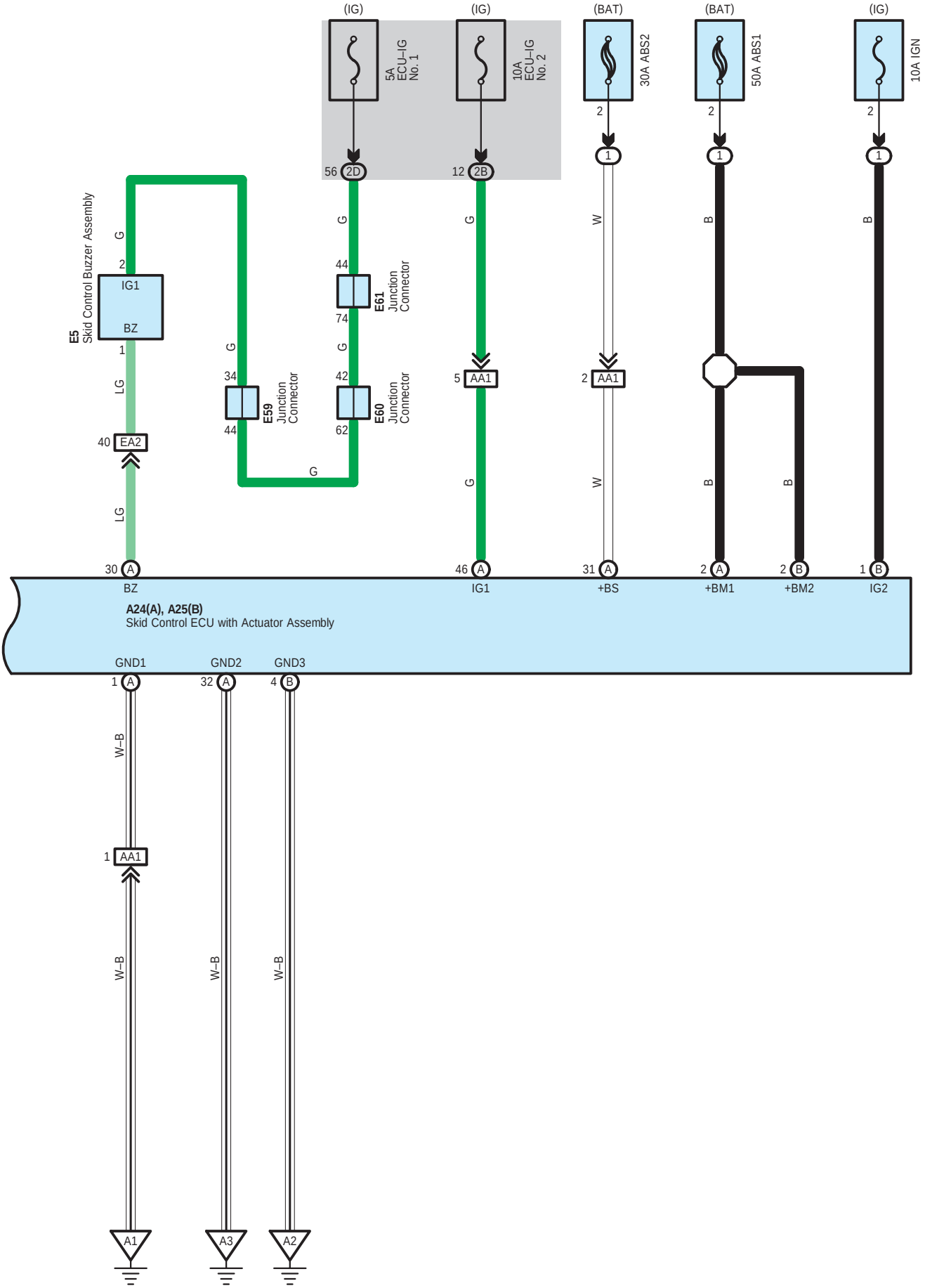

R
P
BE
B
R7
Overhead
Module
IG2
GND2
GND5
IG
29
4
3
14
G
W
W–B
G
(IG)
10A
ECU–IG
No. 2
7
2D
R
3
MPX
SIG
ES
4
1
19
RE2
R11
Rain Sensor
11
RE2
16
RE2
G
51
E60
Junction
Connector
31
E83(A), E85(C)
Windshield Wiper ECU
7
C
MPX1
VR1
VR2
W
8
C
9
C
2
C
L
R
L
7
B
8
B
3
A
VR1
VR2
WF
L
L
3
E62
Junction
Connector
1
WF
EW
Off
On
Front Washer
Switch
EW
E15(A), E16(B)
Windshield Wiper Switch Assembly
2
A
W–B
B
V
V
W–B
L
L
SB
E1


R
P
BE
B
L
SB
(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction
Connector
E31
Network Gateway ECU
CA1L
CA1H
CA2L
CA2H
E7(A)
Combination Meter Assembly
Power
Supply
Circuit
+B
IG+
Display
Buzzer
Master
CRUISE
Radar Cruise
IG
One Step
Dim
CAN
CANL
CANH
+S
SI
ET
* 7 : w/ VGRS
* 8 : w/o VGRS
A37(A), C44(B)
Junction Connector
E60
Junction
Connector
EA1
EA2
EA3
C10

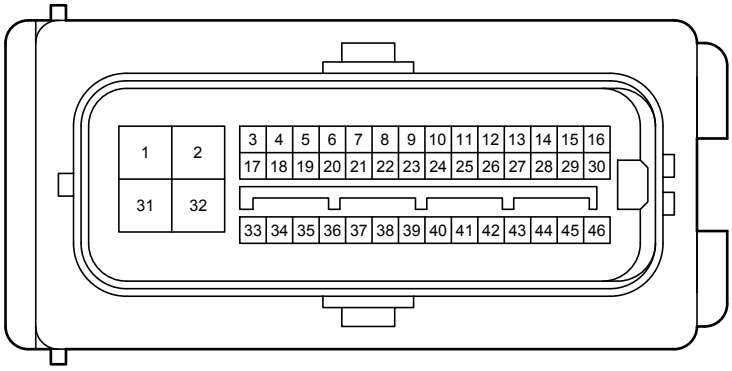

R
P
L
SB
(BAT)
(IG)
5A
ECU–B1
10A
ECU–IG
No. 2
2
1
7
2D
G
13
2B
14
2D
51
E60
Junction
Connector
41
86
E59
Junction
Connector
56
(*8)
(*7)
10
A
+BI
+BO
1
C
E77(A), E79(C)
Steering
Control ECU
3
BAT
IG
ESS
CANH
CANL
E11
Steering Sensor
2
10
9
W–B
GR
13
2
15
4
16
5
E74
Junction
Connector
32
EA1
31
EA1
3
AA1
4
AA1
E1


R
P
L
SB
(IG)
10A
ECU–IG
No. 2
7 2D
G
51
E60
Junction
Connector
11
4
IG
CANL
CANH
GND
E50
Yaw Rate Sensor Assembly
2
3
1
W–B
69
19
12
1
E66
10 FE4
20 FE4
1 FE4
11 FE4
6
17
7
18
F73
2
13
1
12
E71
W
BR
4
15
3
14
E68
V
E2

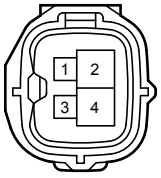

R
P
(IG)
10A
IGN
(BAT)
15A
STOP
(IG)
10A
ECU–IG
No. 2
12 2B
G
L
B
L
L
L
4
2
3
1
A30
Stop Light
Switch Assembly
P
R
R
R
2
STP
6
+B
8
OUT
A39
Stop Light Control Relay Assembly
R
4
5
1
3
2
BRK LP Relay
R
SB
R
R
Rear Combination Light
Assembly LH, RH
R
45 A
STP2
7 A
STP
16 A
STPO
A24(A), A25(B)
Skid Control ECU with Actuator Assembly
CANH
CANL
SP1
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
11 A
25 A
12 A
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
V
L
V
V
LG
B
L
B
W
R
G
Speed Sensors
V
L
V


(IG)
(IG)
(BAT)
(BAT)
(IG)
5A ECU-IG No. 1
10A ECU-IG No. 2
30A ABS2
50A ABS1
10A IGN
56 2D
12 2B
2
1
E5 Skid Control Buzzer Assembly
IG1
BZ
E59 Junction Connector
E60 Junction Connector
E61 Junction Connector
40 EA2
5 AA1
2 AA1
30 A
46 A
31 A
2 A
2 B
1 B
BZ
IG1
+BS
+BM1
+BM2
IG2
A24(A), A25(B)
Skid Control ECU with Actuator Assembly
GND1
GND2
GND3
1 A
32 A
4 B
1 AA1
A1
A3
A2
G
LG
W
B
W-B

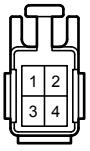
A 24
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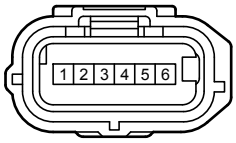
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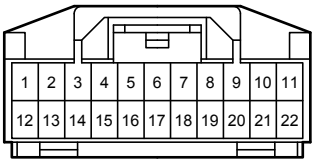
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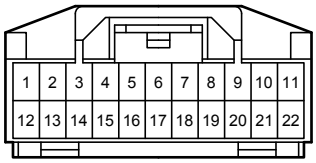
A 31
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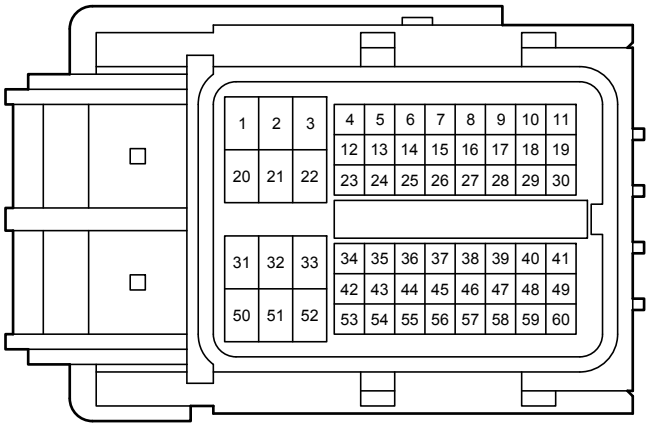
A 34
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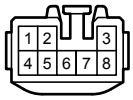
A 37
Blue



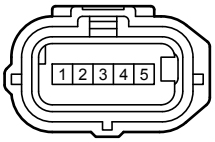
A 38
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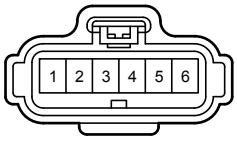
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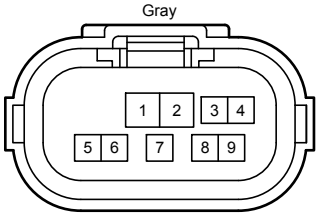
A 56
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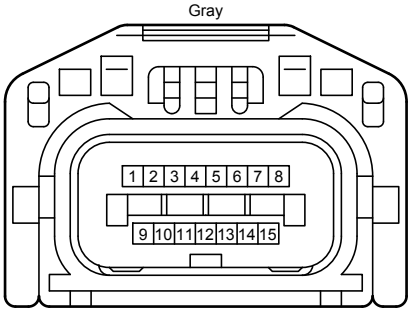
C 3
Black



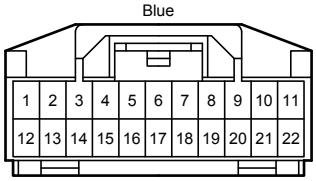
C 24
Gray



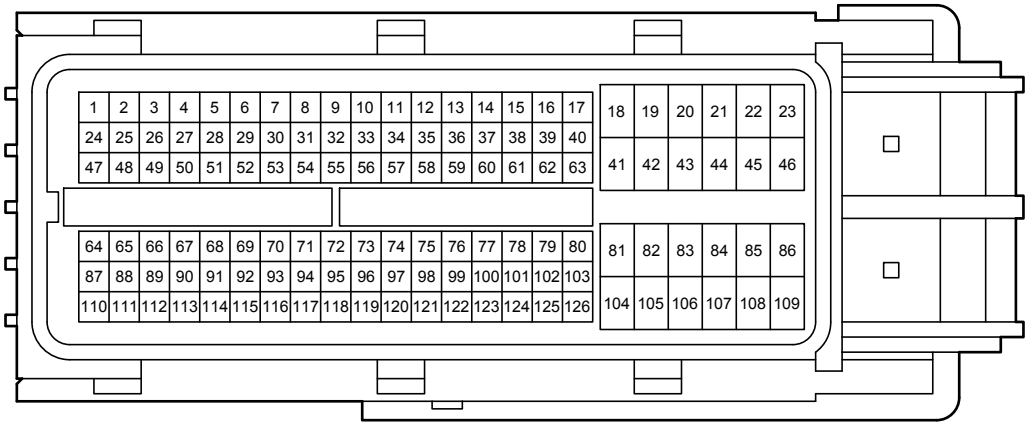
C 34
Gray



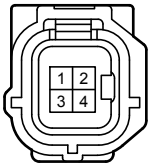
C 44
Blue



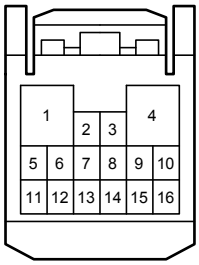
C 45
Black



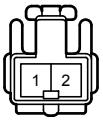
C 96
Gray



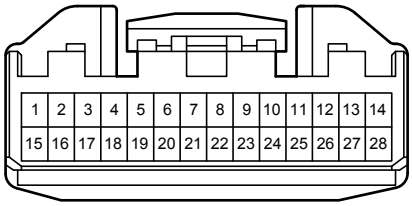
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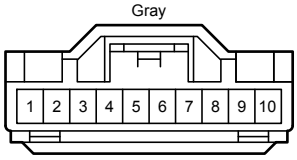
E 5
Blue



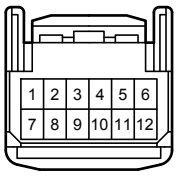
E 7
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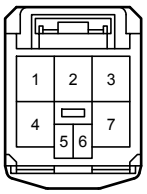
E 11
Gray



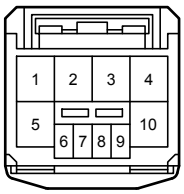
E 12
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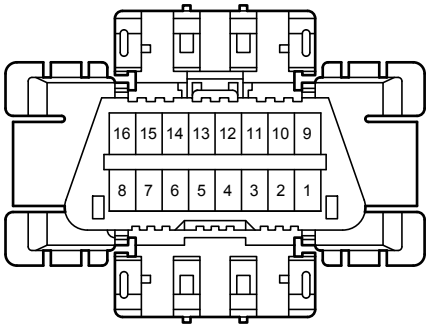
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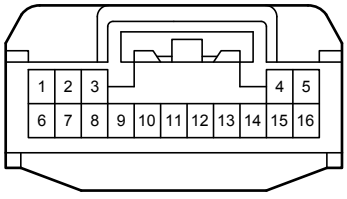
E 16
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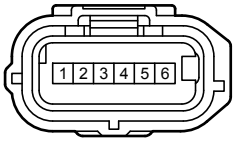
E 22
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E 31
White

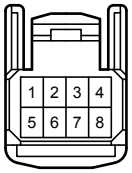


E 50
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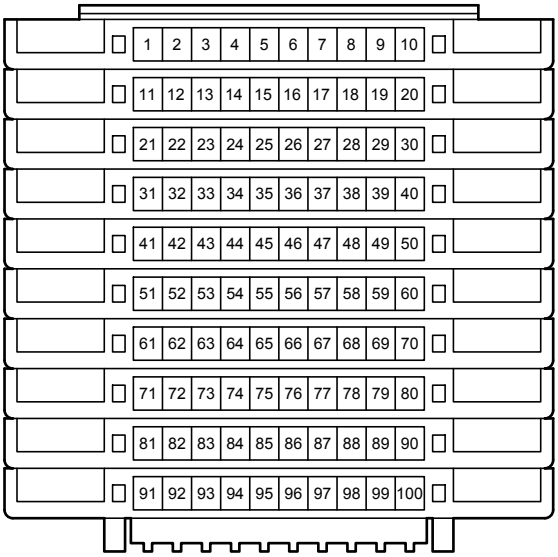


E 52

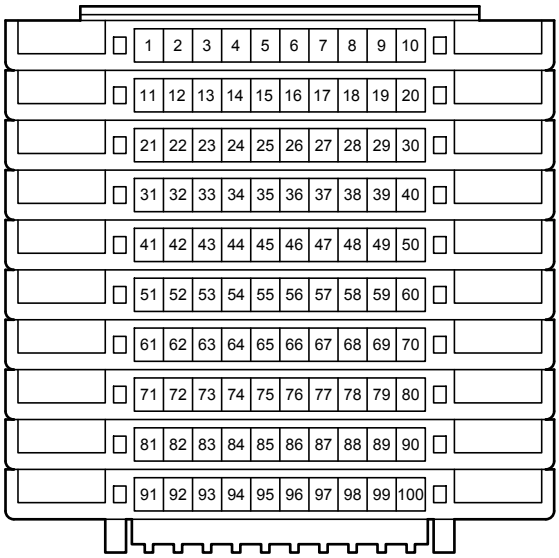
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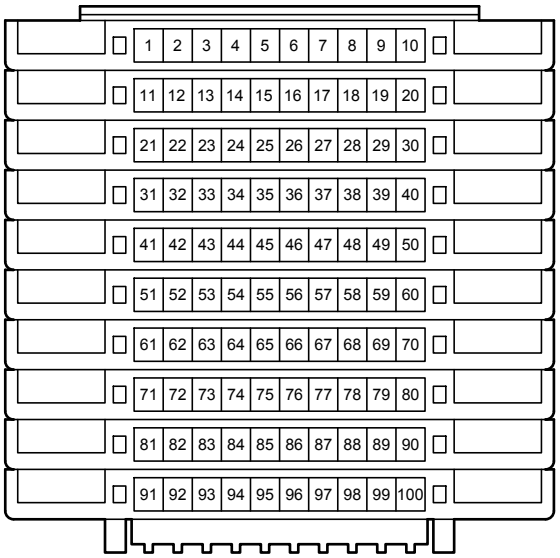
E 58



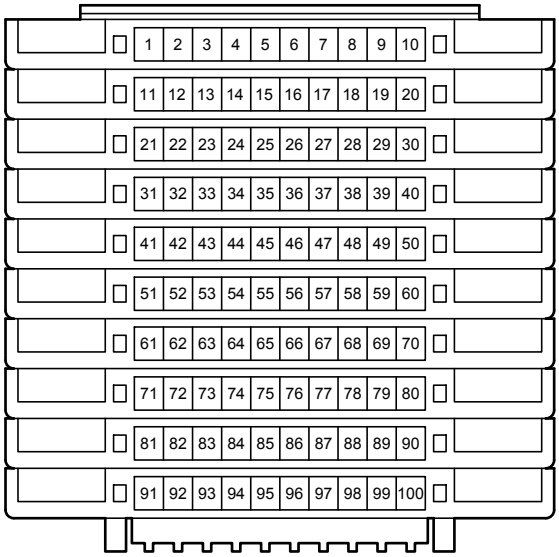
E 59



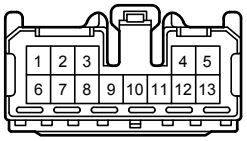
E 60



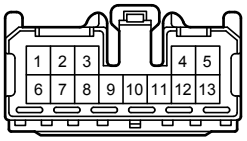
E 61



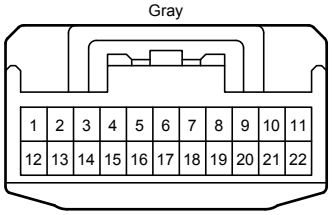
E 62
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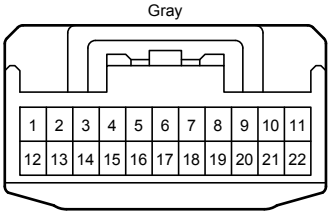
E 66
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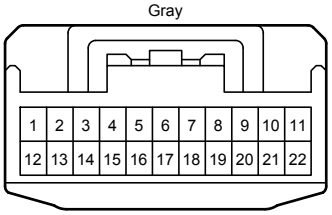
E 68
Gray



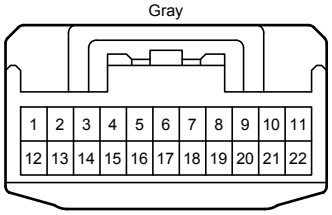
E 69
Gray



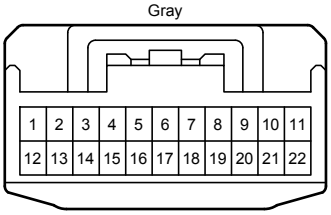
E 71
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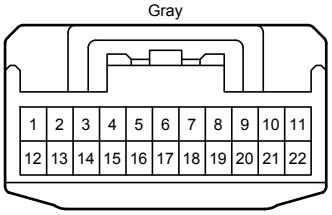
E 72
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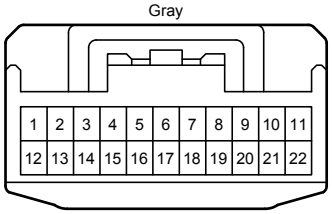
E 73
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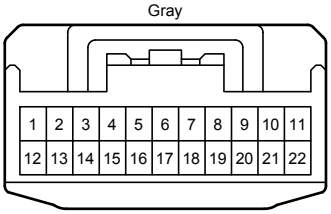
E 74
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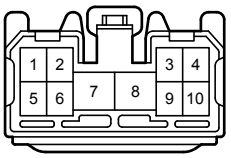
E 75
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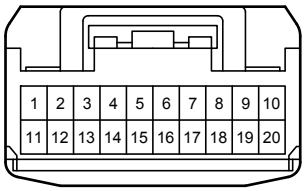
E 76
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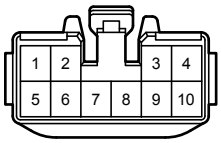
E 77
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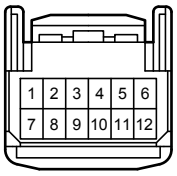
E 79
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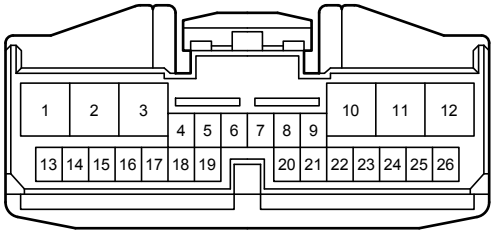
E 83
Blue



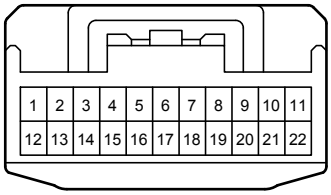
E 85
White



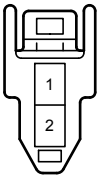
E108
White



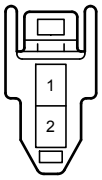
F 73
Blue



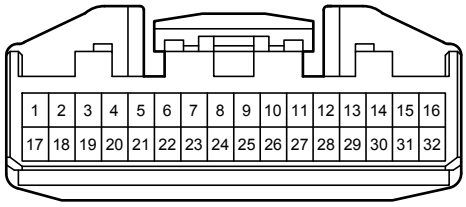
L 29
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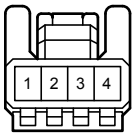
L 30
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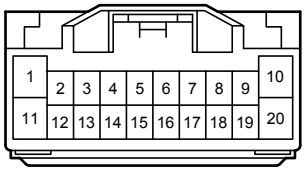
R 7
White



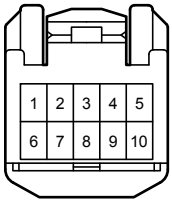
R 11
Black



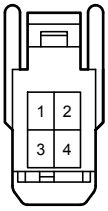
V 4
White



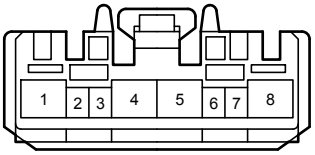
z 36
White



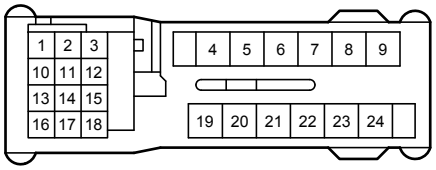
z 37
White



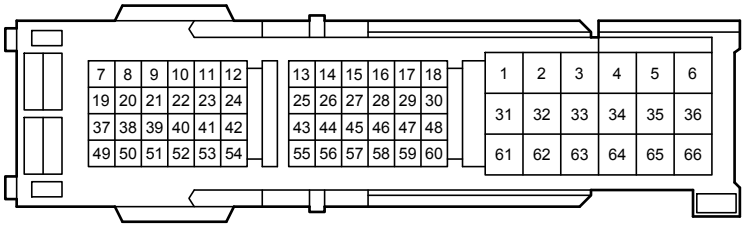
1B
White



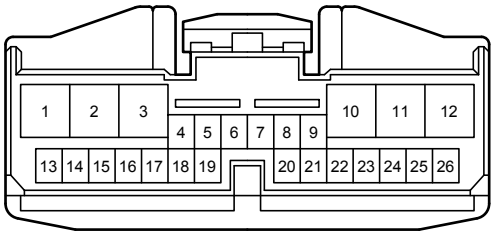
2B
White



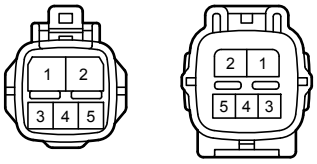
2D
White



3C
White

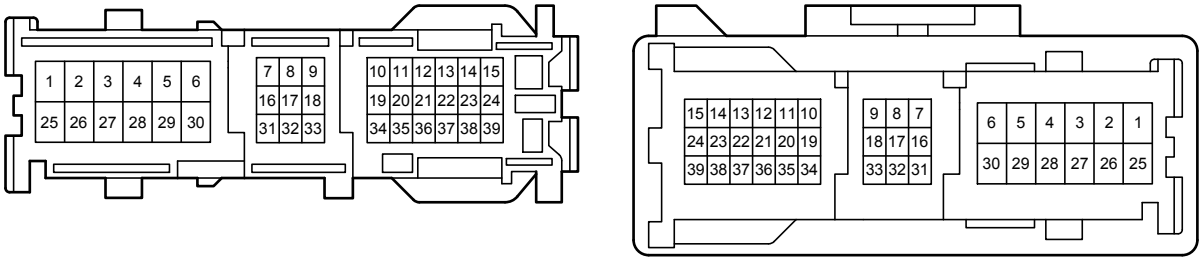


AA1
Gray



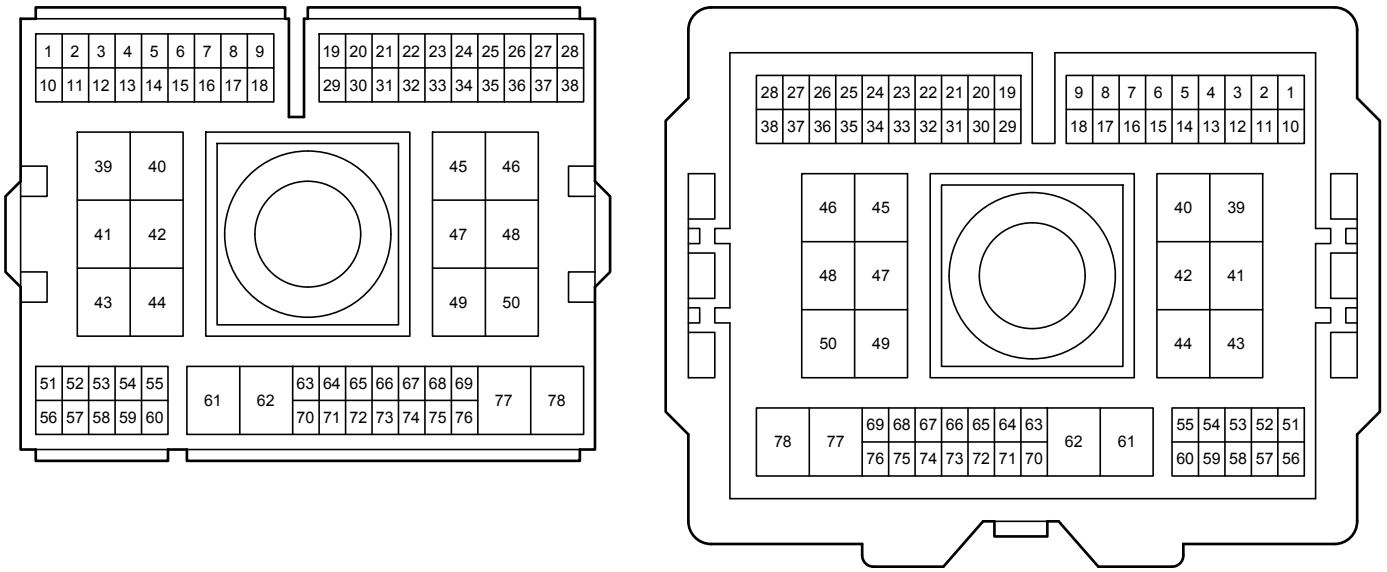
CA3

White



EA1

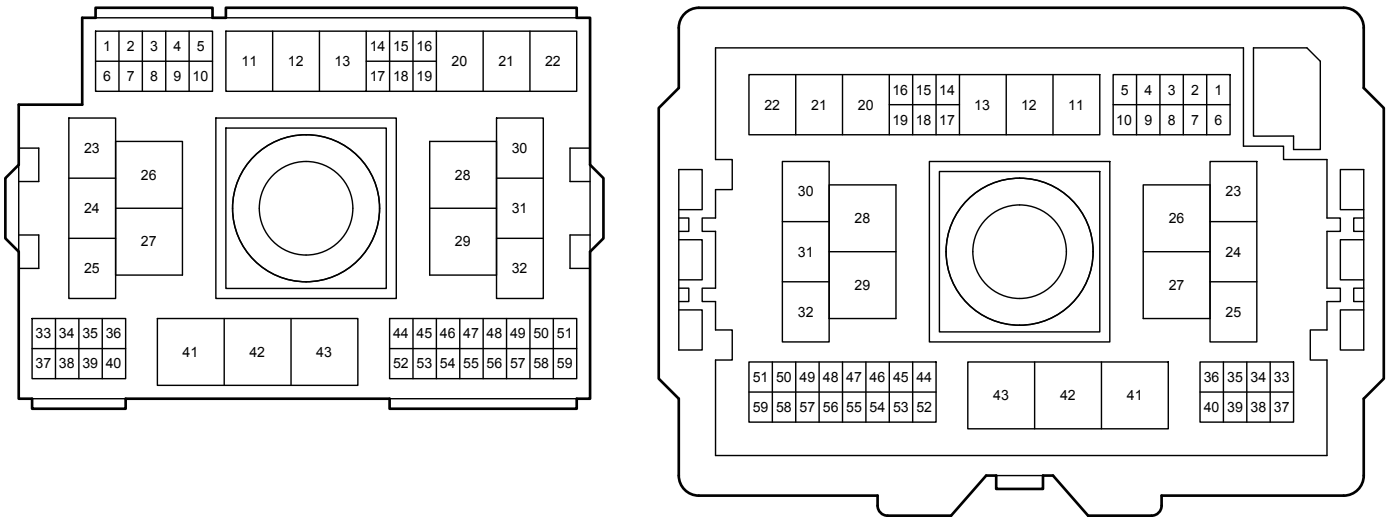
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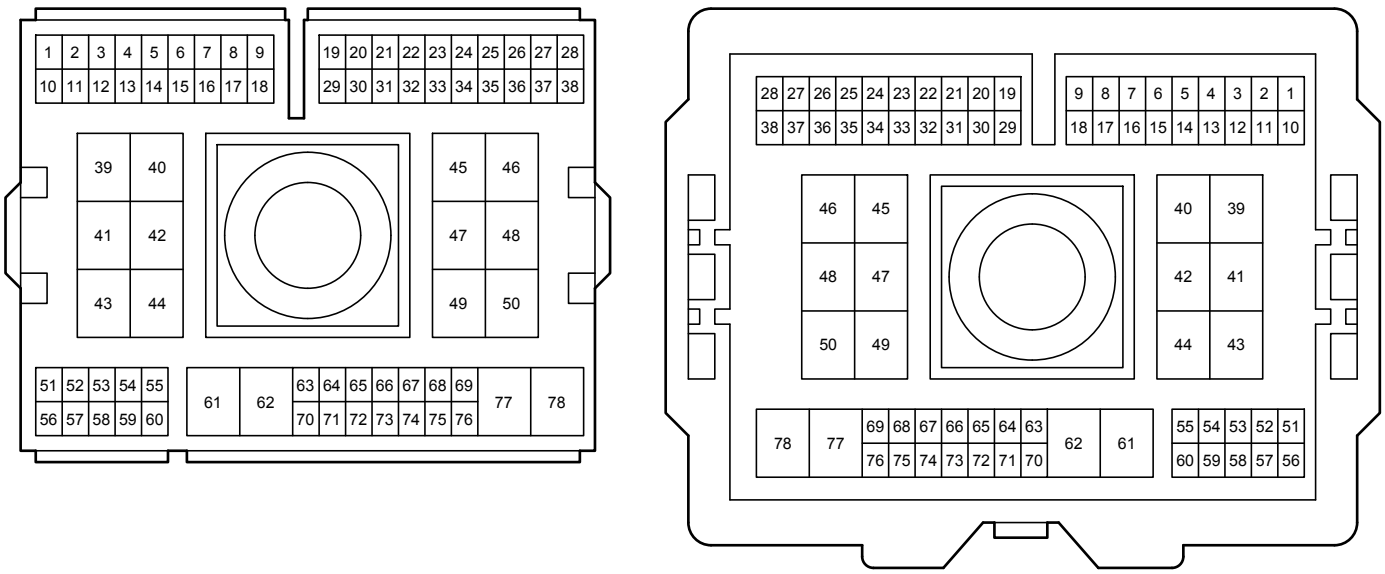
EA2

White

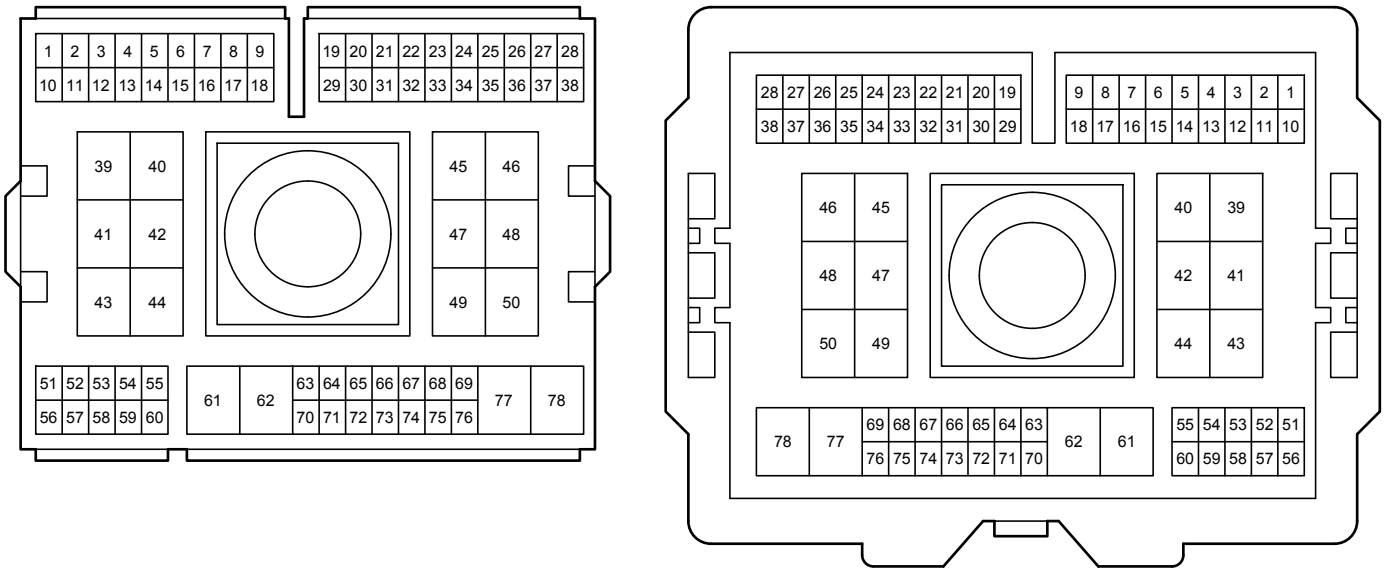
Gray



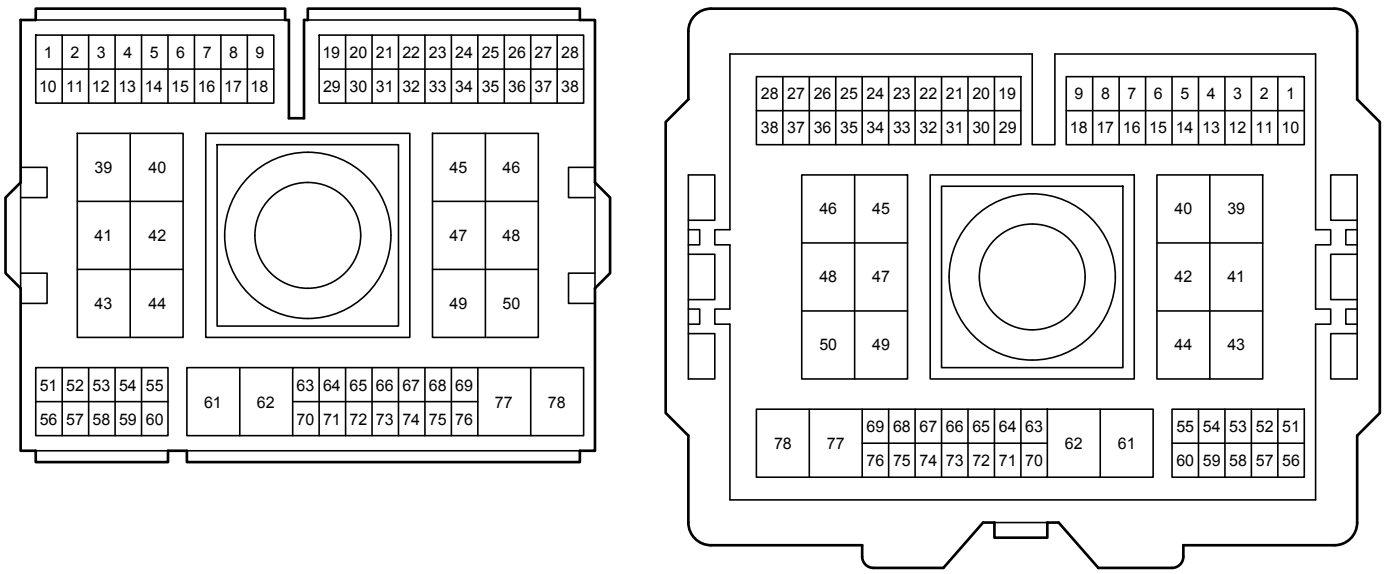
EA3
White



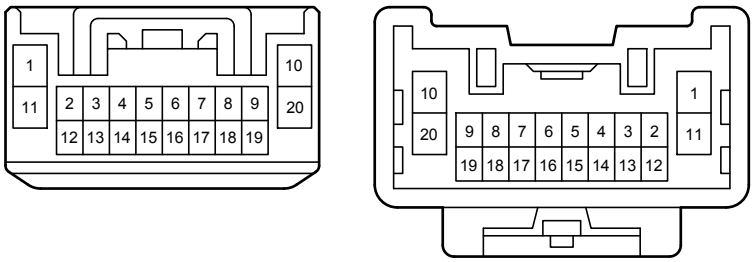
EK2
White



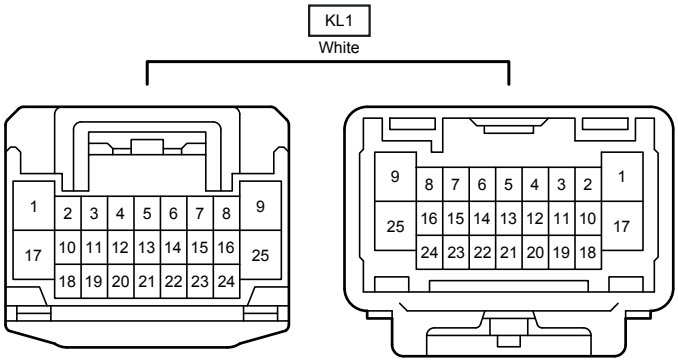
EL1
White



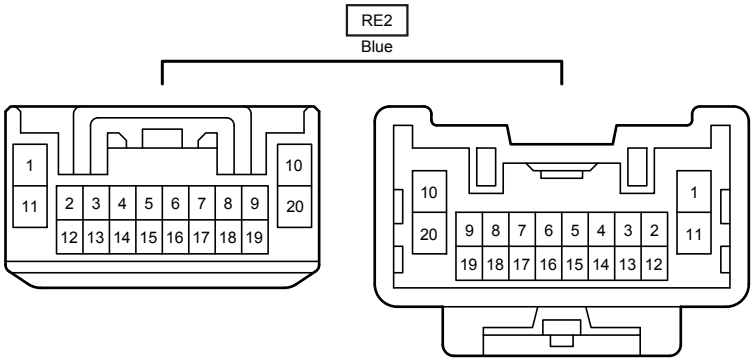
FE4
White

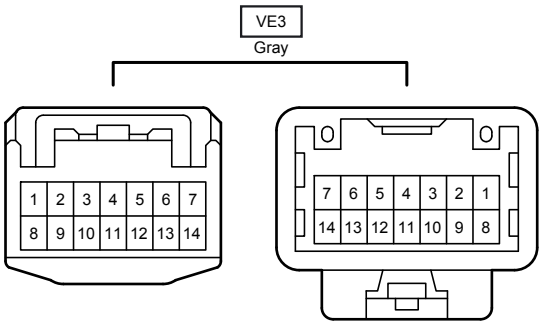


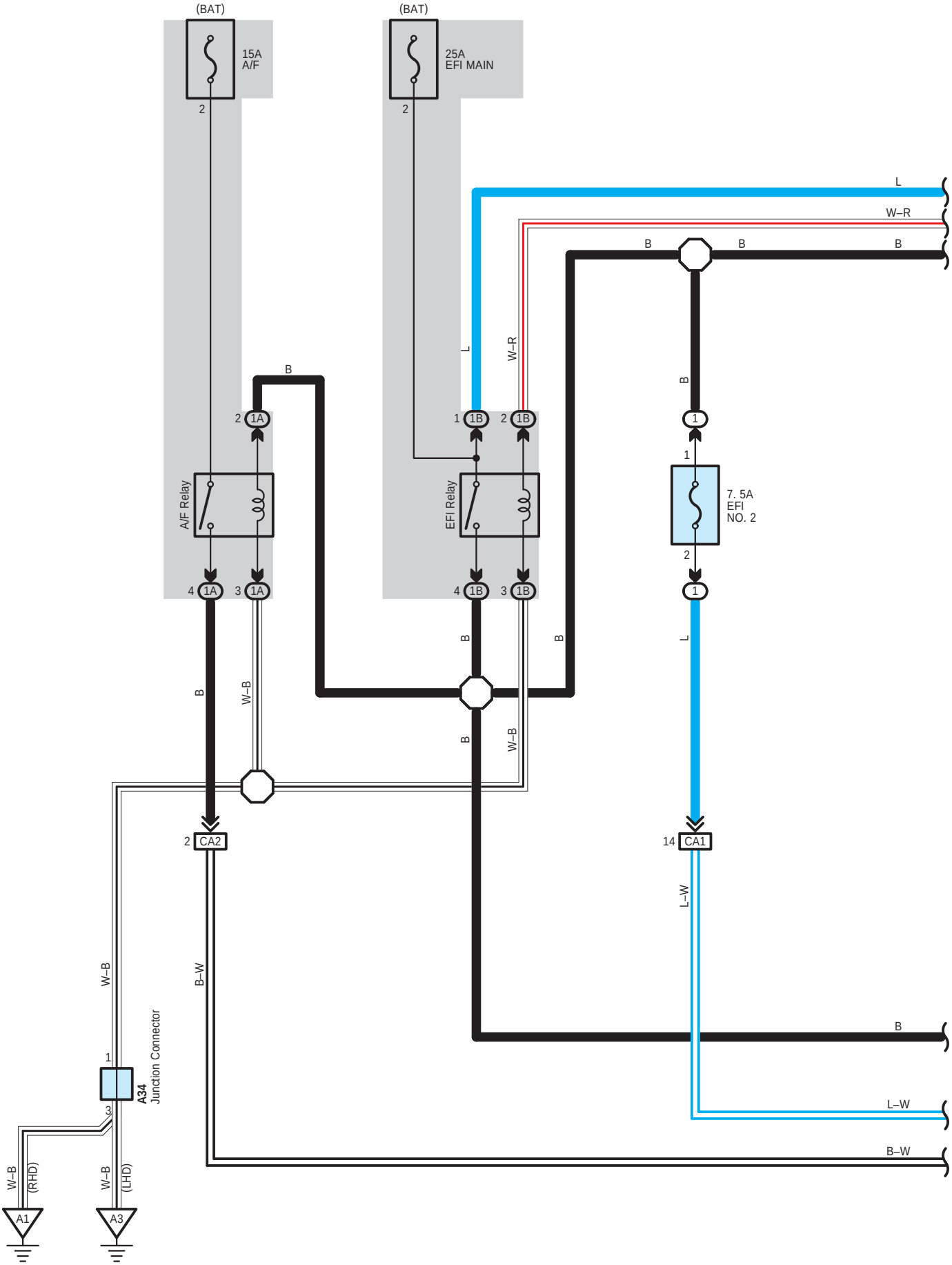
KL1
White

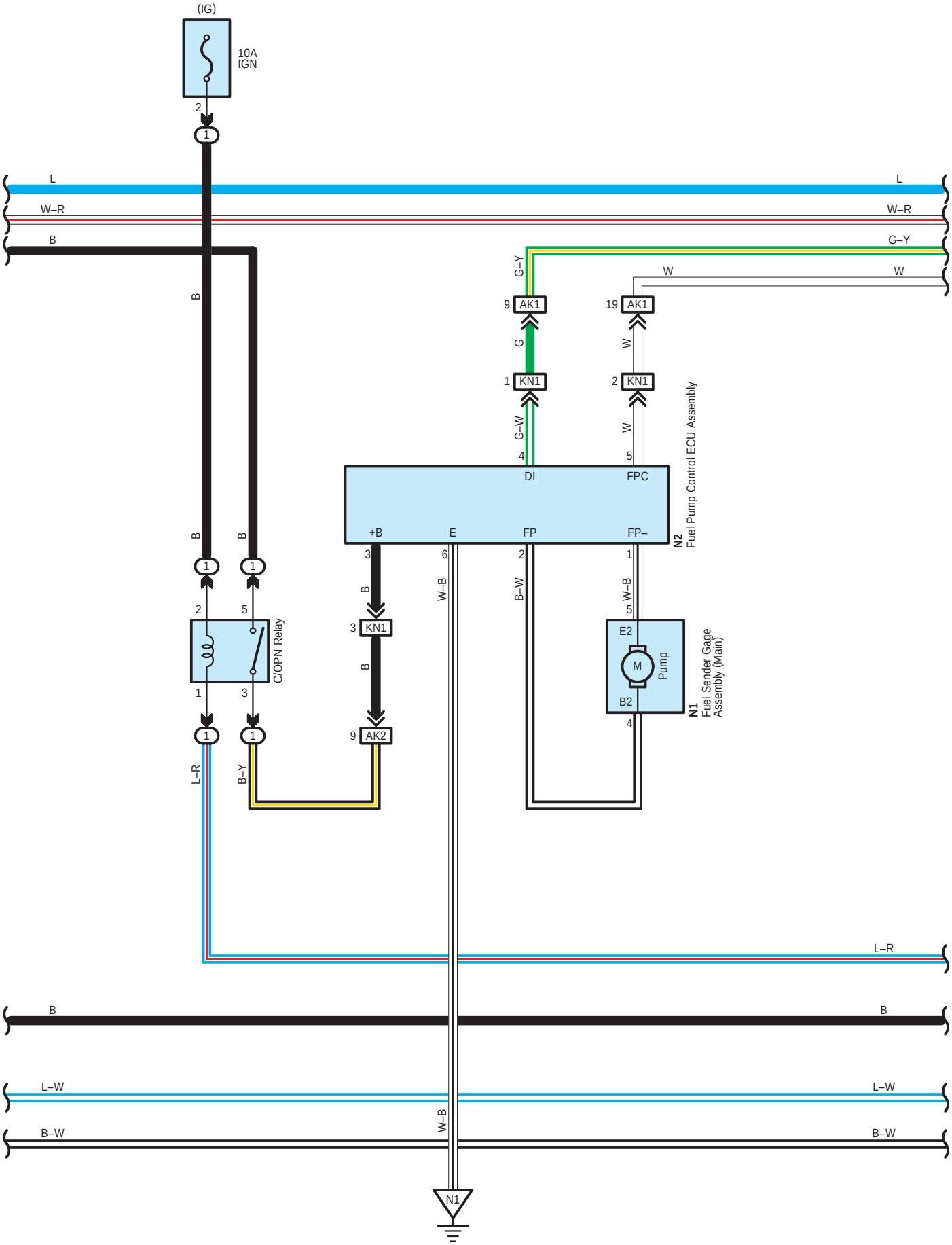


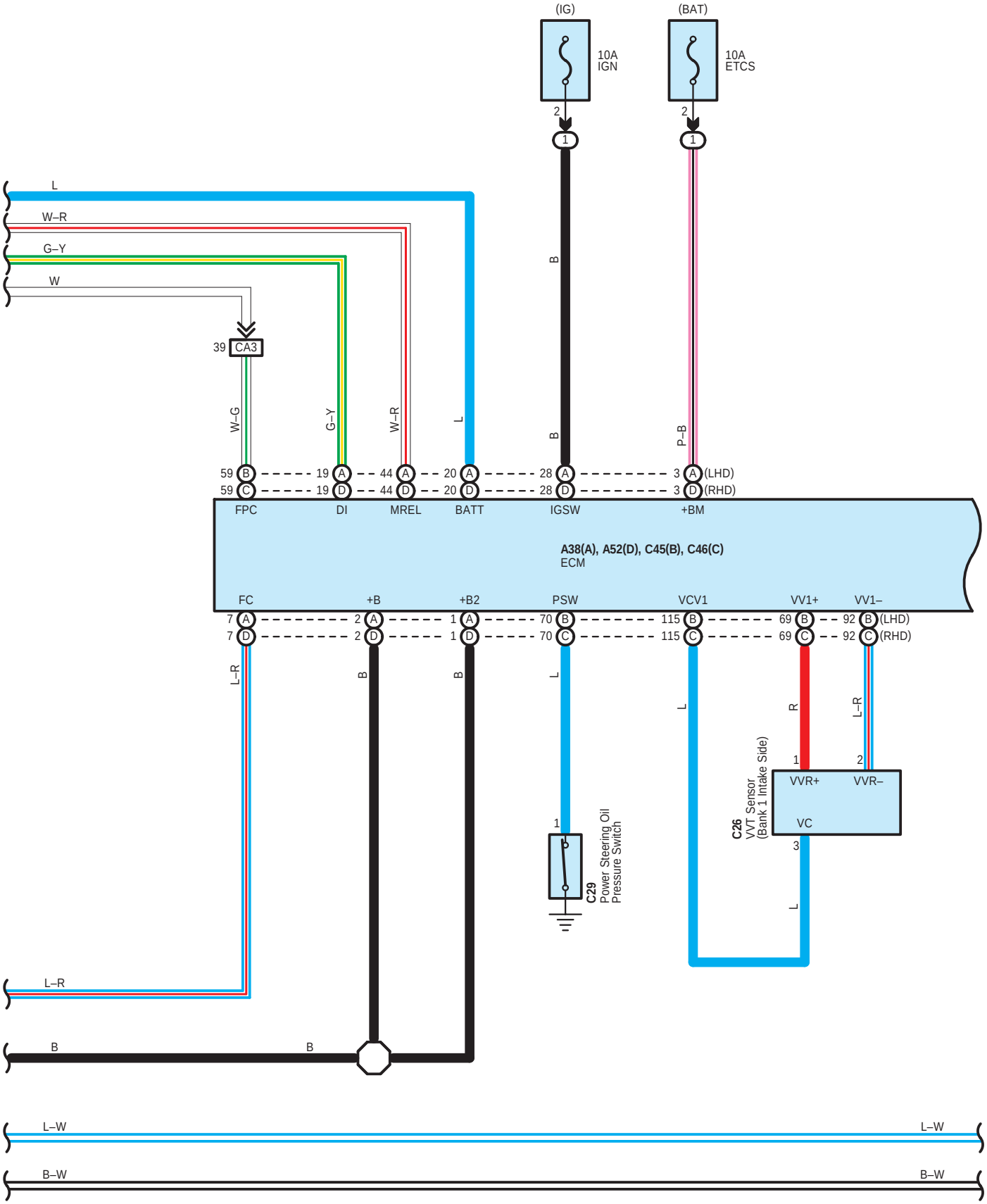
RE2
Blue

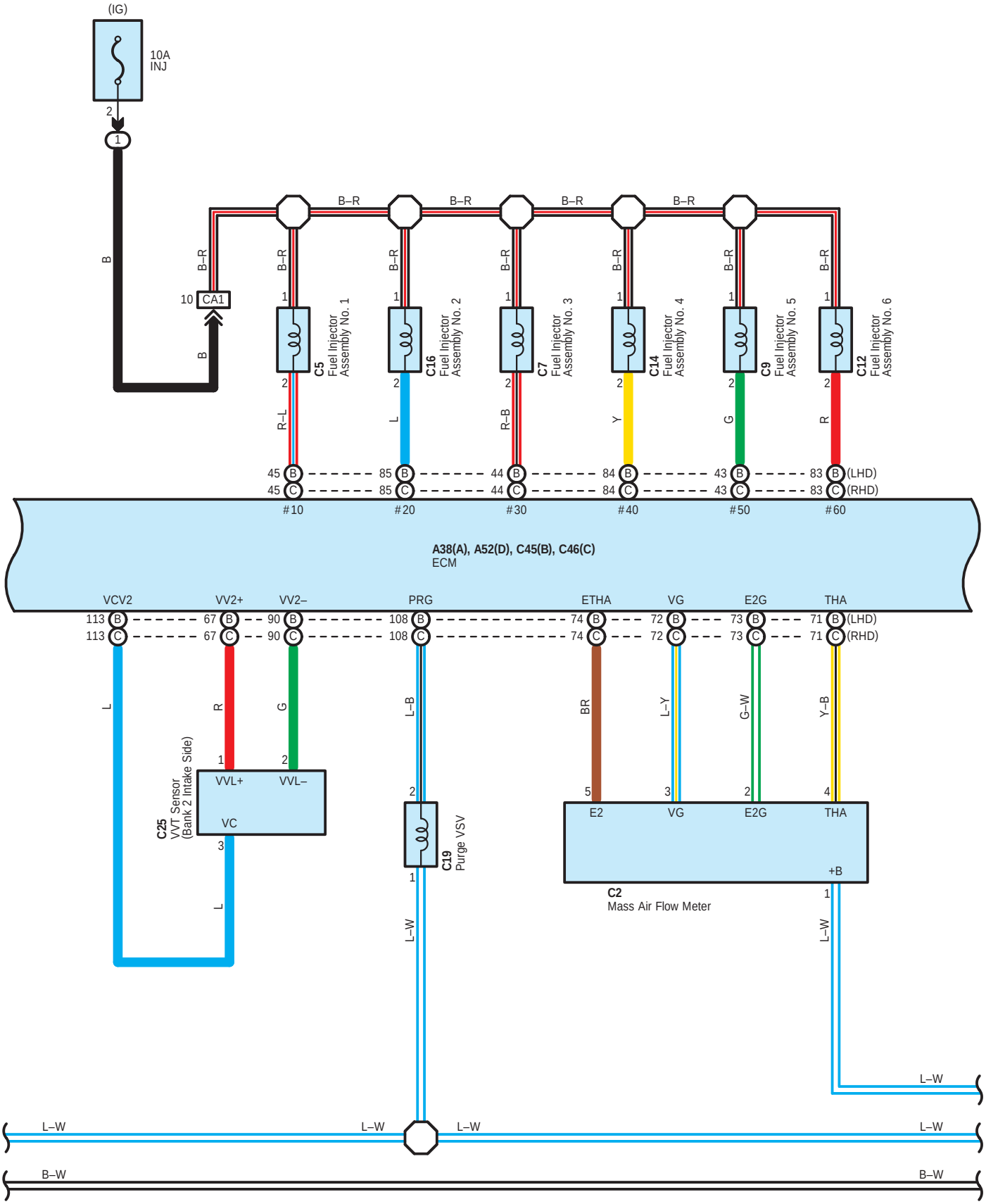


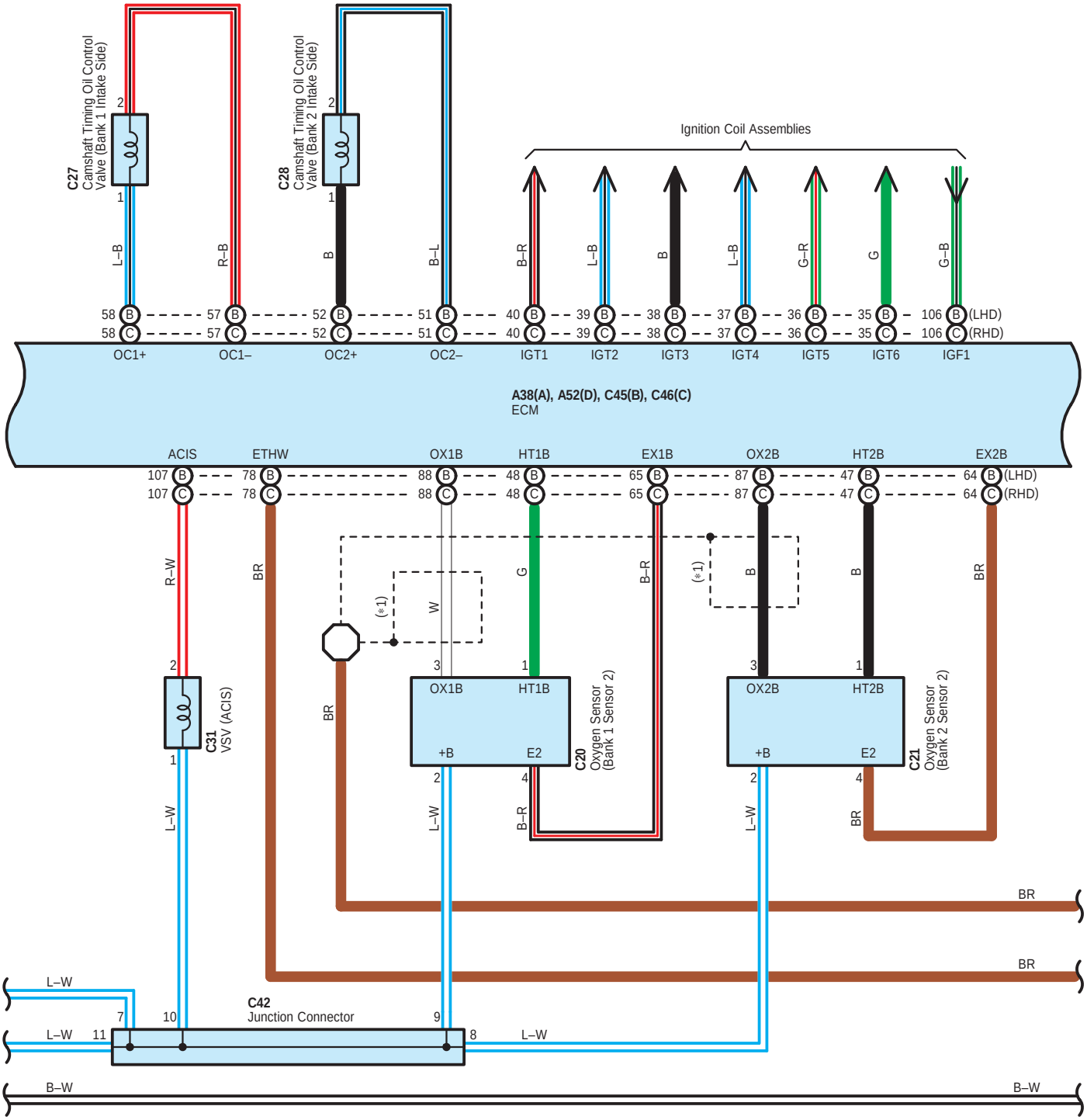

VE3
Gray
1 2 3 4 5 6 7
8 9 10 11 12 13 14
7 6 5 4 3 2 1
14 13 12 11 10 9 8


(BAT)
15A
A/F
2
(BAT)
25A
EFI MAIN
2
L
W–R
B
B
B
L
W–R
B
2 1A
1 1B
2 1B
1
A/F Relay
EFI Relay
1
7. 5A
EFI
NO. 2
2
4 1A
3 1A
4 1B
3 1B
1
B
W–B
B
B
B
W–B
L
2 CA2
14 CA1
L–W
W–B
B–W
B
1
A34
Junction Connector
3
L–W
B–W
W–B
(RHD)
W–B
(LHD)
A1
A3

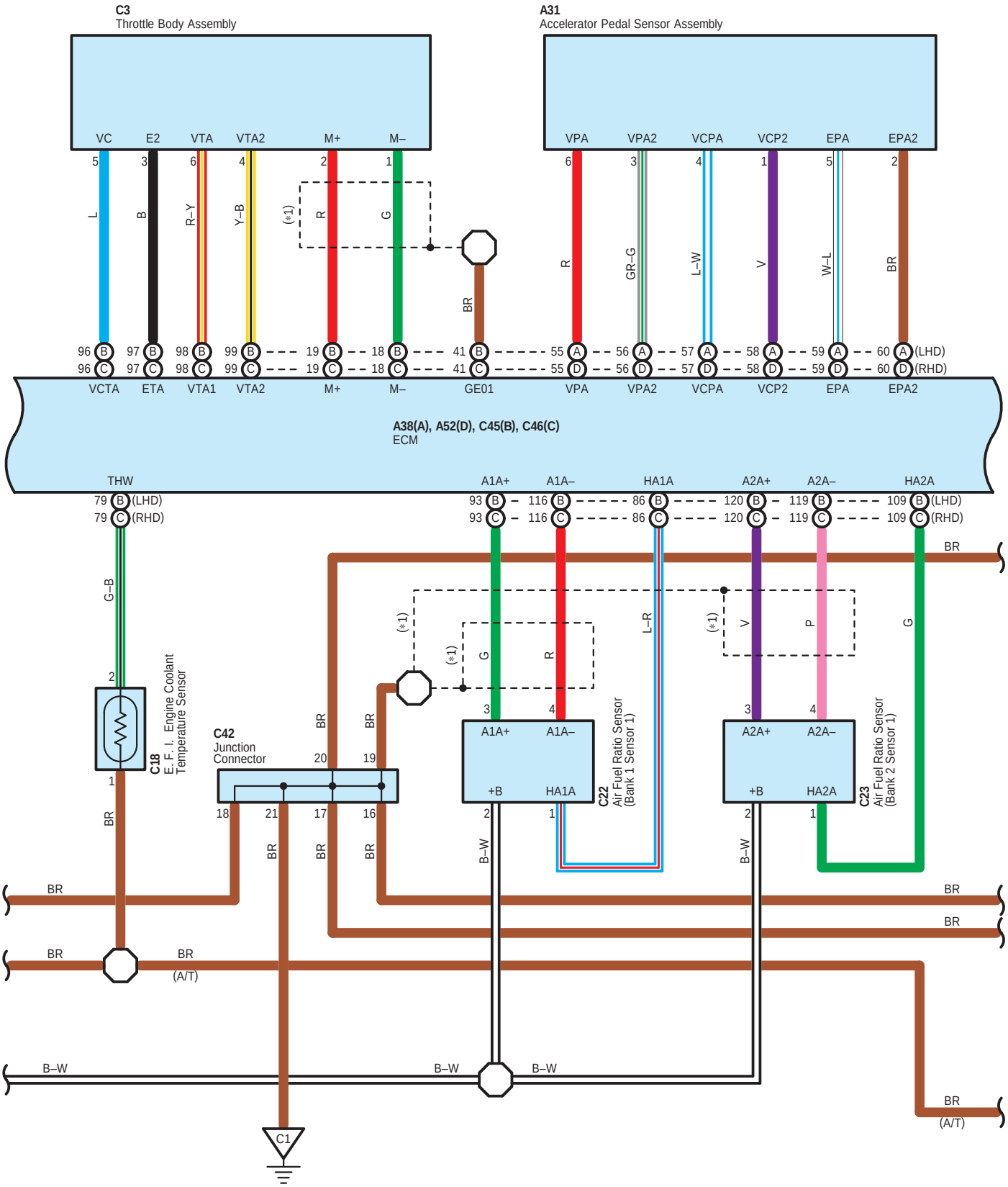

(IG)
10A
IGN
2
1
L
W–R
B
L
W–R
G–Y
W
W
G–Y
9
AK1
19
AK1
G
W
1
KN1
2
KN1
G–W
W
4
5
DI
FPC
N2
Fuel Pump Control ECU Assembly
+B
E
FP
FP–
3
6
2
1
B
W–B
B–W
W–B
5
B
B
1
1
2
5
C/OPN Relay
1
3
3
KN1
B
E2
M
Pump
B2
N1
Fuel Sender Gage Assembly (Main)
4
1
1
9
AK2
L–R
B–Y
L–R
B
B
L–W
L–W
W–B
B–W
B–W
N1

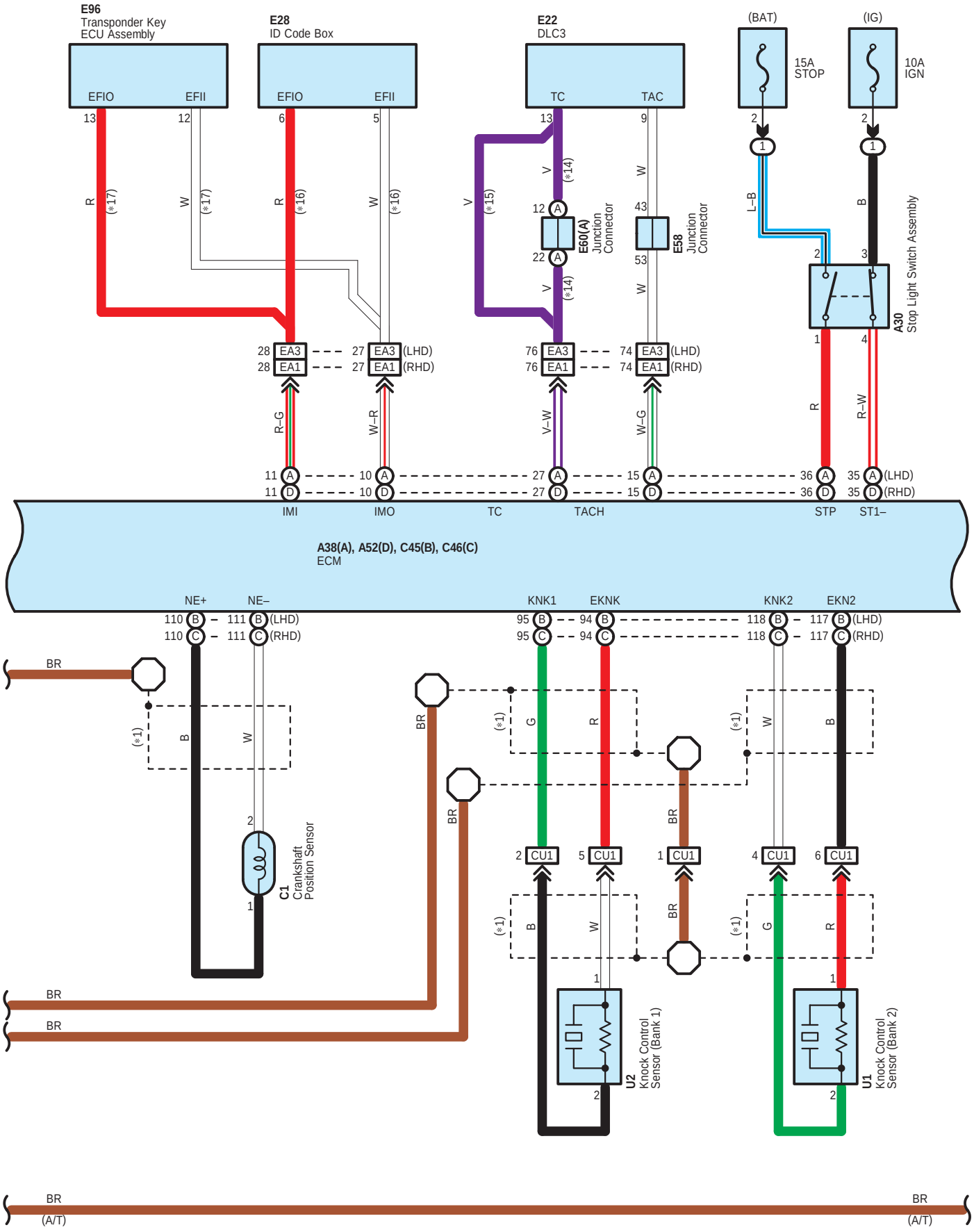

(IG)
(BAT)
10A
IGN
10A
ETCS
2
1
L
W–R
G–Y
W
39 CA3
W–G
G–Y
W–R
L
B
B
P–B
59 B
59 C
19 A
19 D
44 A
44 D
20 A
20 D
28 A
28 D
3 A (LHD)
3 D (RHD)
FPC
DI
MREL
BATT
IGSW
+BM
A38(A), A52(D), C45(B), C46(C)
ECM
FC
+B
+B2
PSW
VCV1
VV1+
VV1–
7 A
7 D
2 A
2 D
1 A
1 D
70 B
70 C
115 B
115 C
69 B
69 C
92 B
92 C (LHD)
92 C (RHD)
L–R
B
B
L
L
R
L–R
1
2
VVR+
VVR–
VC
3
C26
VVT Sensor
(Bank 1 Intake Side)
L
1
C29
Power Steering Oil
Pressure Switch
L–R
B
B
L–W
L–W
B–W
B–W

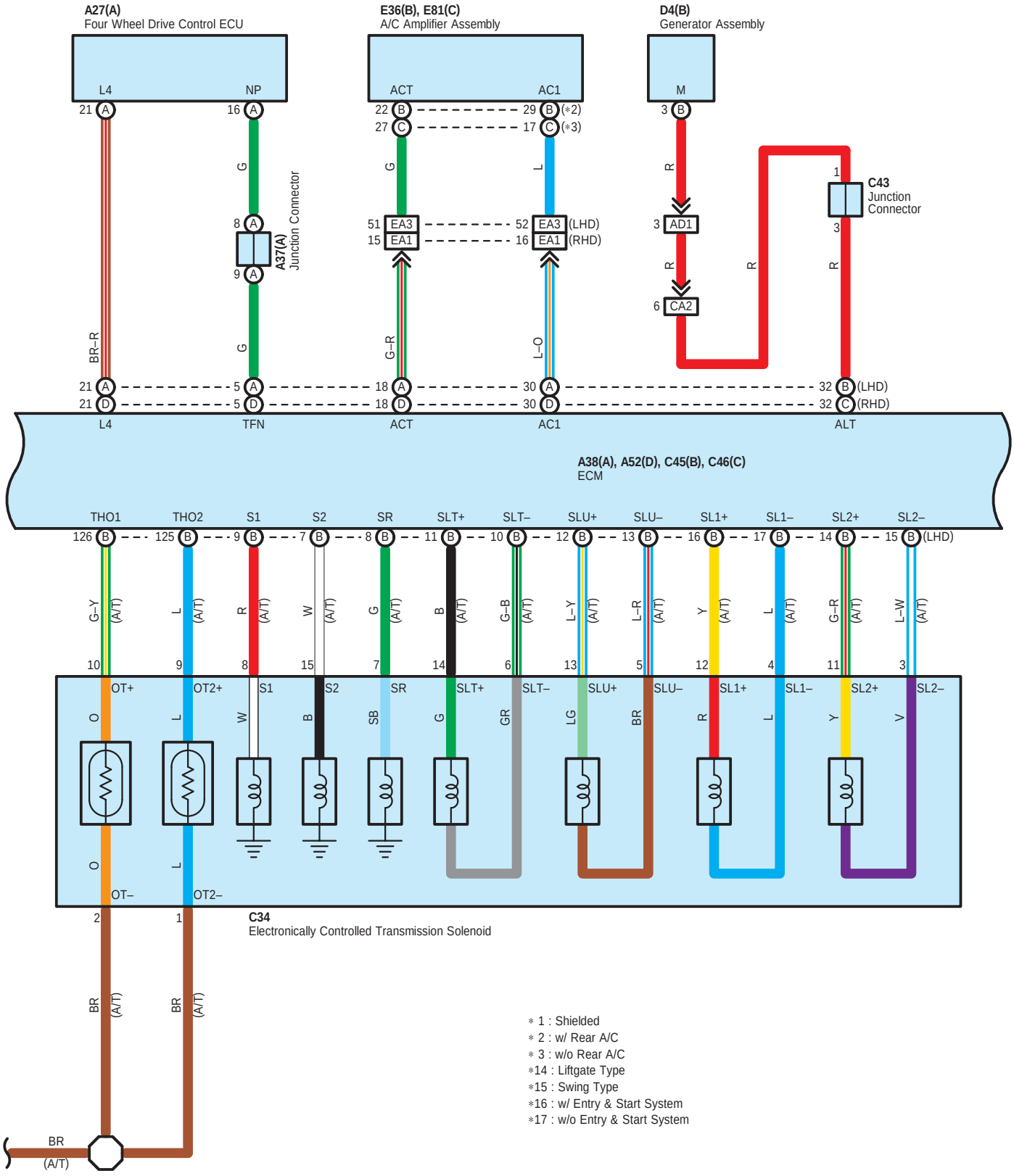

(IG)
10A
INJ
2
1
B
B–R
10
CA1
B
B–R
B–R
B–R
B–R
B–R
B–R
1
2
C5
Fuel Injector
Assembly No. 1
C16
Fuel Injector
Assembly No. 2
C7
Fuel Injector
Assembly No. 3
C14
Fuel Injector
Assembly No. 4
C9
Fuel Injector
Assembly No. 5
C12
Fuel Injector
Assembly No. 6
R–L
L
R–B
Y
G
R
45 B
45 C
85 B
85 C
44 B
44 C
84 B
84 C
43 B
43 C
83 B (LHD)
83 C (RHD)
#10
#20
#30
#40
#50
#60
A38(A), A52(D), C45(B), C46(C)
ECM
VCV2
VV2+
VV2–
PRG
ETHA
VG
E2G
THA
113 B
113 C
67 B
67 C
90 B
90 C
108 B
108 C
74 B
74 C
72 B
72 C
73 B
73 C
71 B (LHD)
71 C (RHD)
L
R
G
L–B
BR
L–Y
G–W
Y–B
C25
VVT Sensor
(Bank 2 Intake Side)
VVL+
VVL–
VC
C19
Purge VSV
E2
VG
E2G
THA
+B
C2
Mass Air Flow Meter
L–W
B–W


C27
Camshaft Timing Oil Control Valve (Bank 1 Intake Side)
C28
Camshaft Timing Oil Control Valve (Bank 2 Intake Side)
Ignition Coil Assemblies
L–B
R–B
B
B–L
B–R
L–B
B
L–B
G–R
G
G–B
58 B
58 C
57 B
57 C
52 B
52 C
51 B
51 C
40 B
40 C
39 B
39 C
38 B
38 C
37 B
37 C
36 B
36 C
35 B
35 C
106 B (LHD)
106 C (RHD)
OC1+
OC1–
OC2+
OC2–
IGT1
IGT2
IGT3
IGT4
IGT5
IGT6
IGF1
A38(A), A52(D), C45(B), C46(C)
ECM
ACIS
ETHW
OX1B
HT1B
EX1B
OX2B
HT2B
EX2B
107 B
107 C
78 B
78 C
88 B
88 C
48 B
48 C
65 B
65 C
87 B
87 C
47 B
47 C
64 B (LHD)
64 C (RHD)
R–W
BR
G
B–R
B
B
BR
(*1)
W
(*1)
C31
VSV (ACIS)
C20
Oxygen Sensor (Bank 1 Sensor 2)
C21
Oxygen Sensor (Bank 2 Sensor 2)
OX1B
HT1B
+B
E2
OX2B
HT2B
+B
E2
L–W
BR
L–W
BR
C42
Junction Connector
L–W
L–W
L–W
B–W
B–W

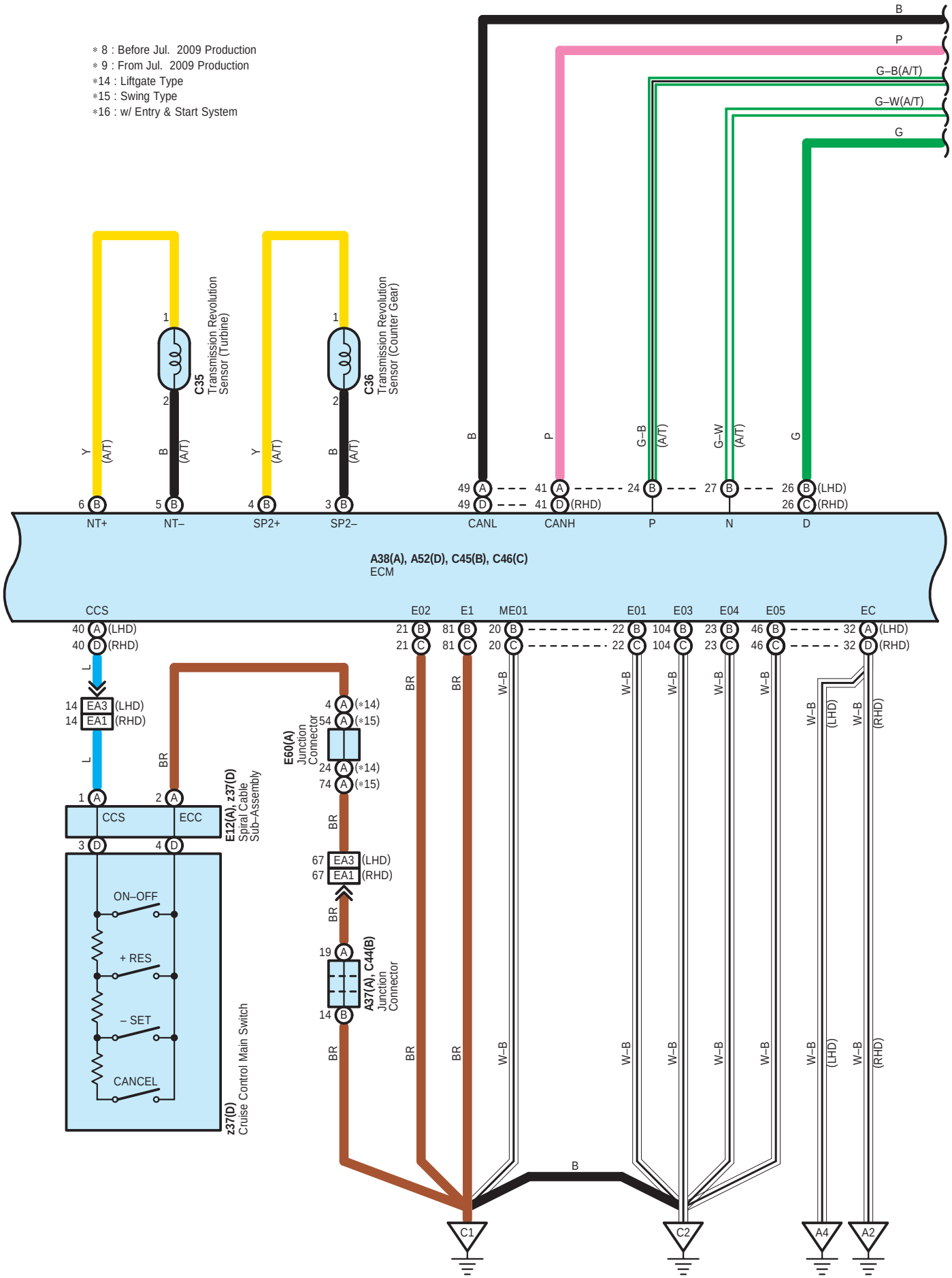
∗ 1 : Shielded

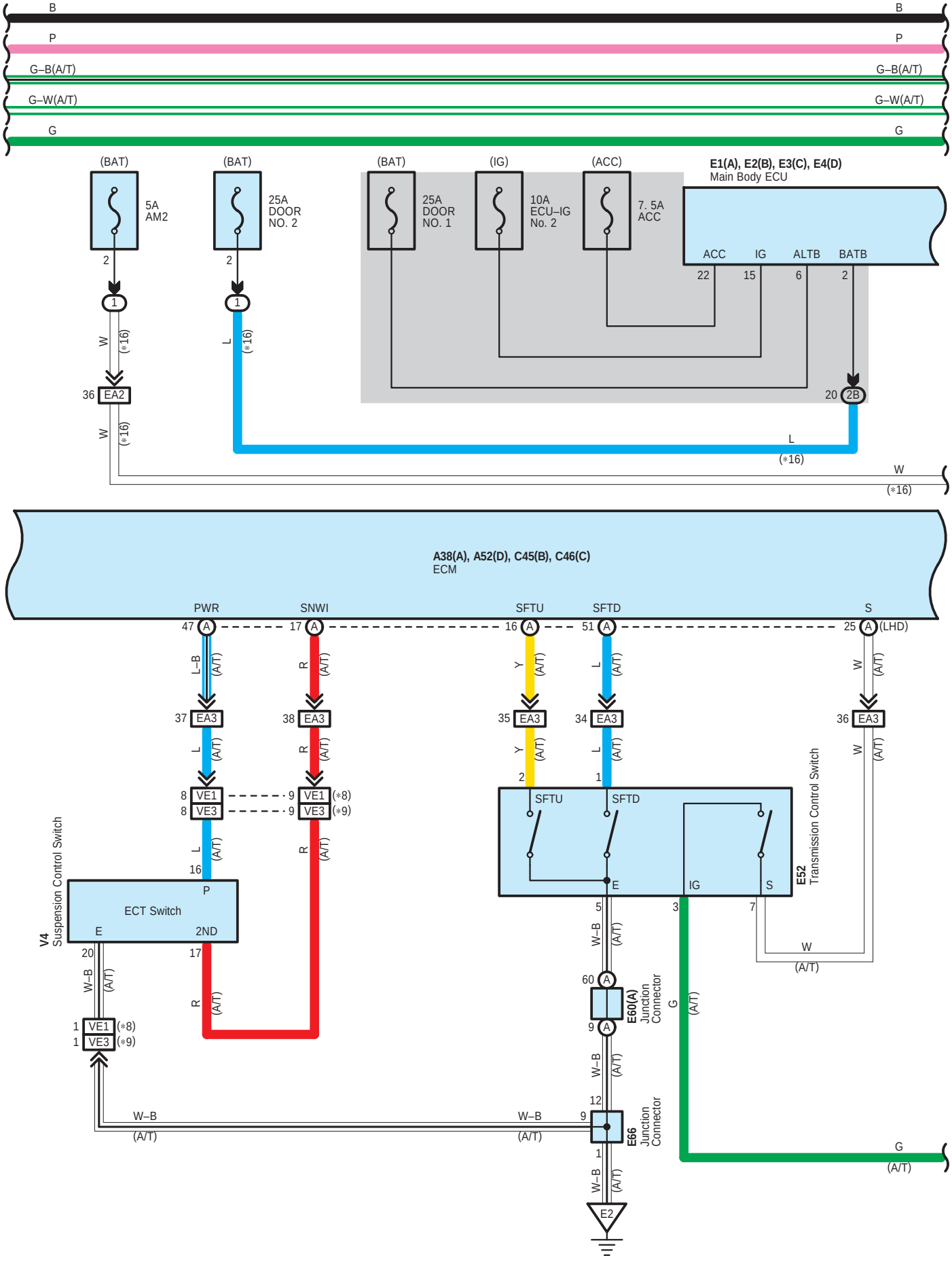

C3
Throttle Body Assembly
VC
E2
VTA
VTA2
M+
M–
A31
Accelerator Pedal Sensor Assembly
VPA
VPA2
VCPA
VCP2
EPA
EPA2
VCTA
ETA
VTA1
VTA2
M+
M–
GE01
VPA
VPA2
VCPA
VCP2
EPA
EPA2
(LHD)
(RHD)
A38(A), A52(D), C45(B), C46(C)
ECM
THW
A1A+
A1A–
HA1A
A2A+
A2A–
HA2A
C18
E. F. I. Engine Coolant Temperature Sensor
C42
Junction Connector
C22
Air Fuel Ratio Sensor (Bank 1 Sensor 1)
C23
Air Fuel Ratio Sensor (Bank 2 Sensor 1)
+B
HA1A
HA2A
(A/T)
C1

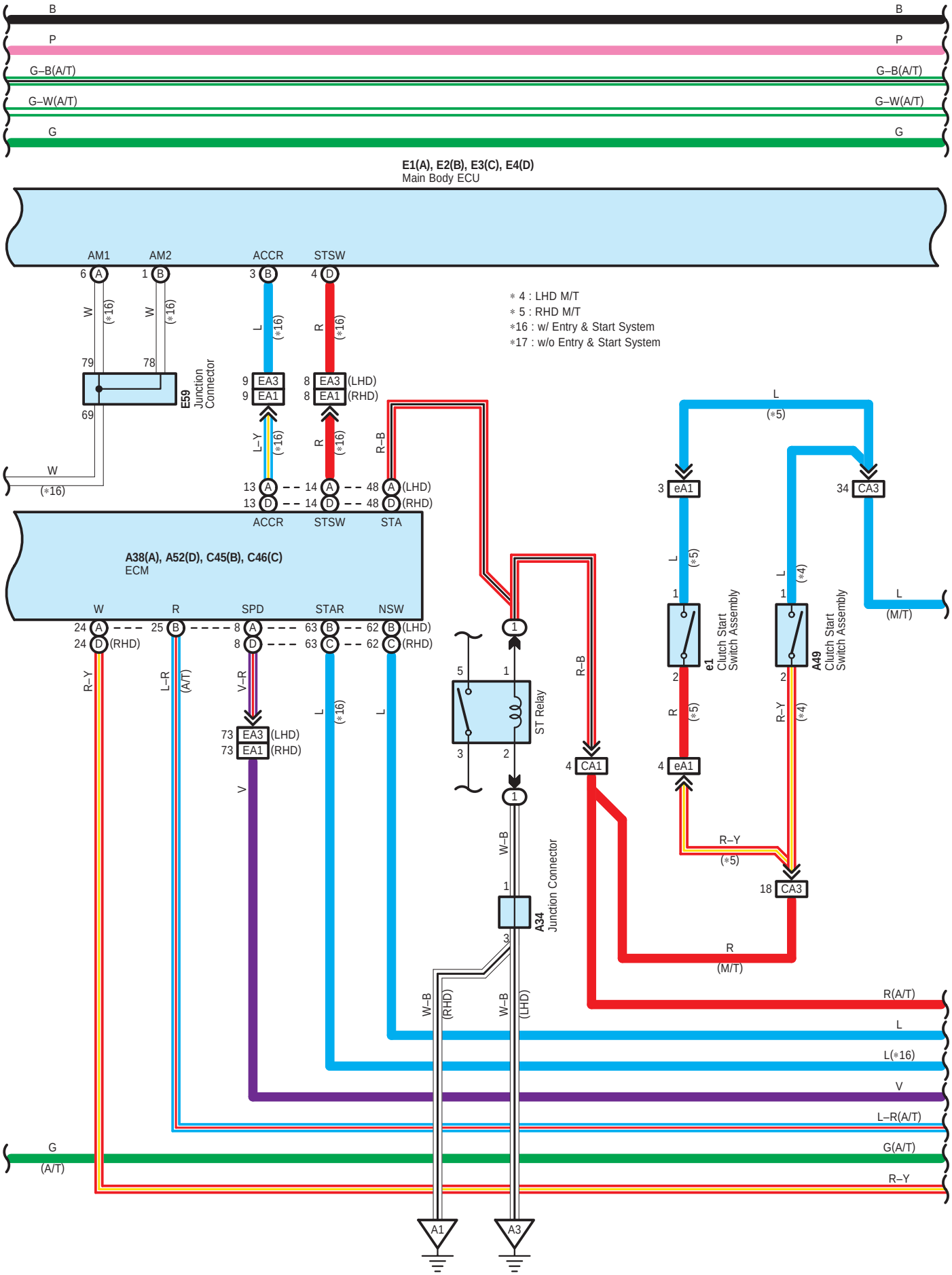

E96
Transponder Key ECU Assembly
EFIO
EFII
13
12
R
(*17)
W
(*17)
E28
ID Code Box
EFIO
EFII
6
5
R
(*16)
W
(*16)
E22
DLC3
TC
TAC
13
9
V
(*15)
V
(*14)
W
(*14)
12
A
22
A
E60(A)
Junction Connector
43
53
E58
Junction Connector
(BAT)
(IG)
15A
STOP
10A
IGN
2
1
L–B
B
2
3
1
4
A30
Stop Light Switch Assembly
R
R–W
28 EA3
28 EA1
27 EA3 (LHD)
27 EA1 (RHD)
76 EA3
76 EA1
74 EA3 (LHD)
74 EA1 (RHD)
R–G
W–R
V–W
W–G
11 A
11 D
10 A
10 D
27 A
27 D
15 A
15 D
36 A
36 D
35 A (LHD)
35 D (RHD)
IMI
IMO
TC
TACH
STP
ST1–
A38(A), A52(D), C45(B), C46(C)
ECM
NE+
NE–
110 B
110 C
111 B (LHD)
111 C (RHD)
KNK1
EKNK
95 B
95 C
94 B
94 C
KNK2
EKN2
118 B
118 C
117 B (LHD)
117 C (RHD)
BR
(*1)
B
W
2
1
C1
Crankshaft Position Sensor
G
R
2 CU1
5 CU1
1 CU1
4 CU1
6 CU1
U2
Knock Control Sensor (Bank 1)
U1
Knock Control Sensor (Bank 2)
BR
(A/T)

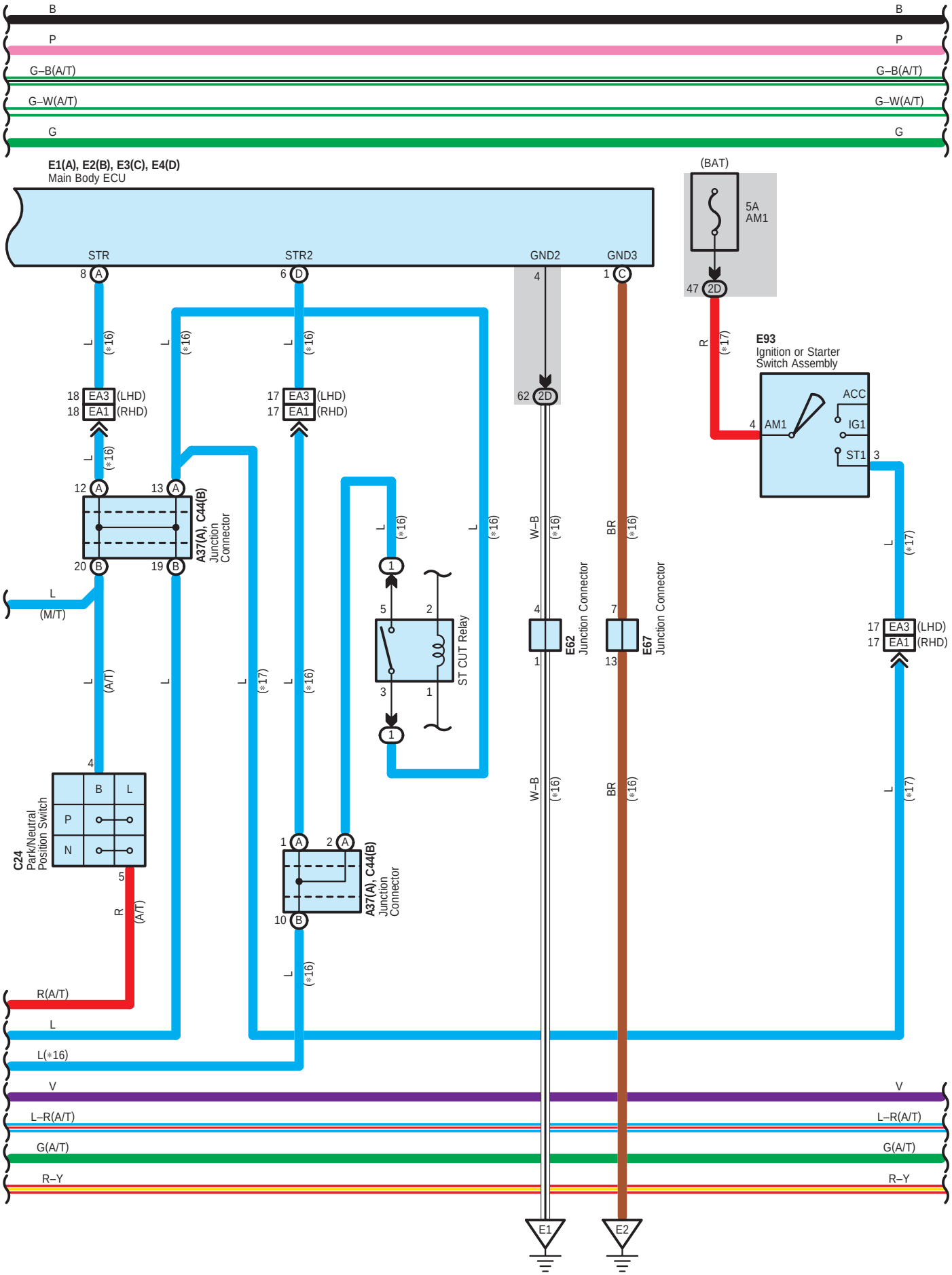


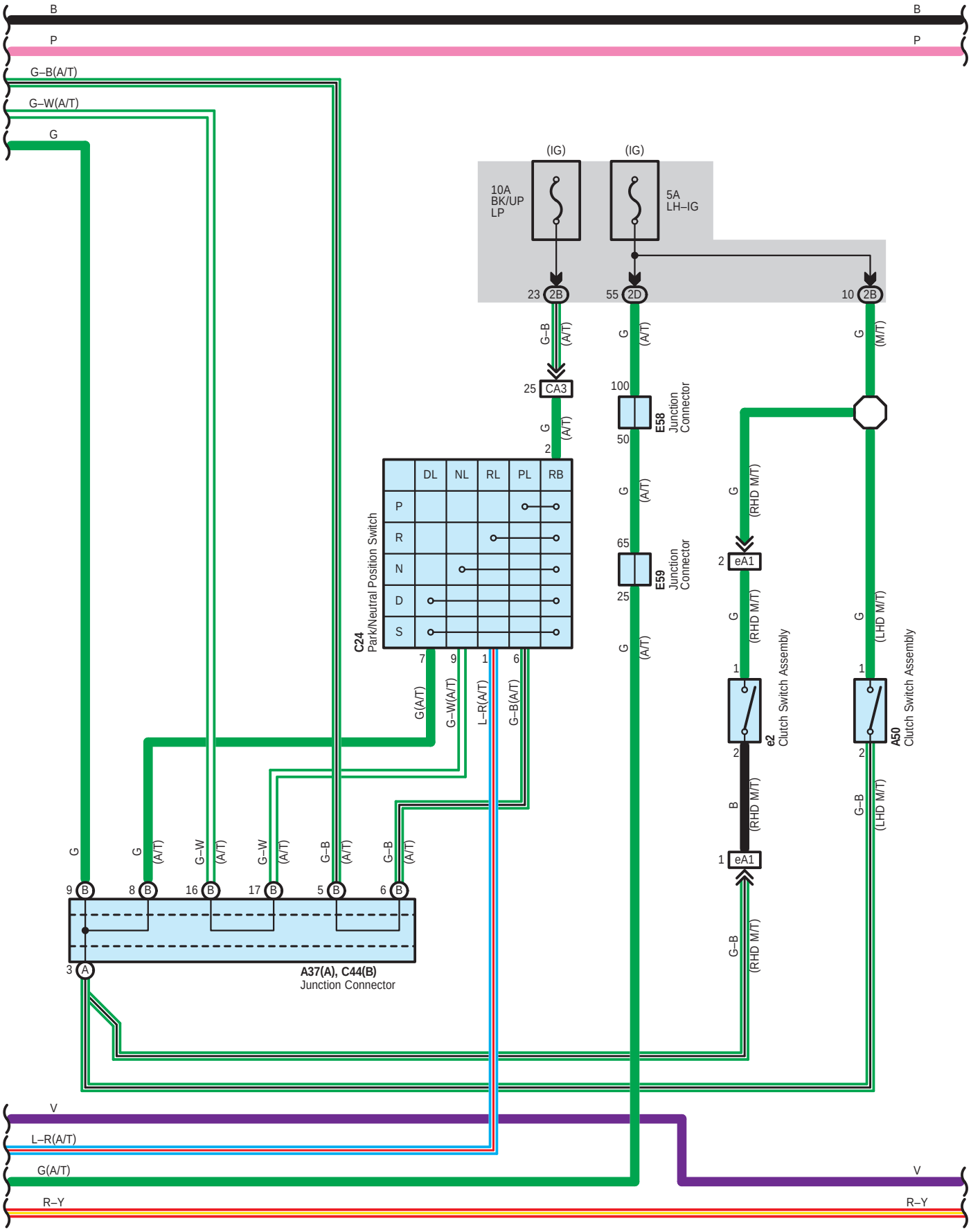
∗ 1 : Shielded
∗ 2 : w/ Rear A/C
∗ 3 : w/o Rear A/C
∗14 : Liftgate Type
∗15 : Swing Type
∗16 : w/ Entry & Start System
∗17 : w/o Entry & Start System

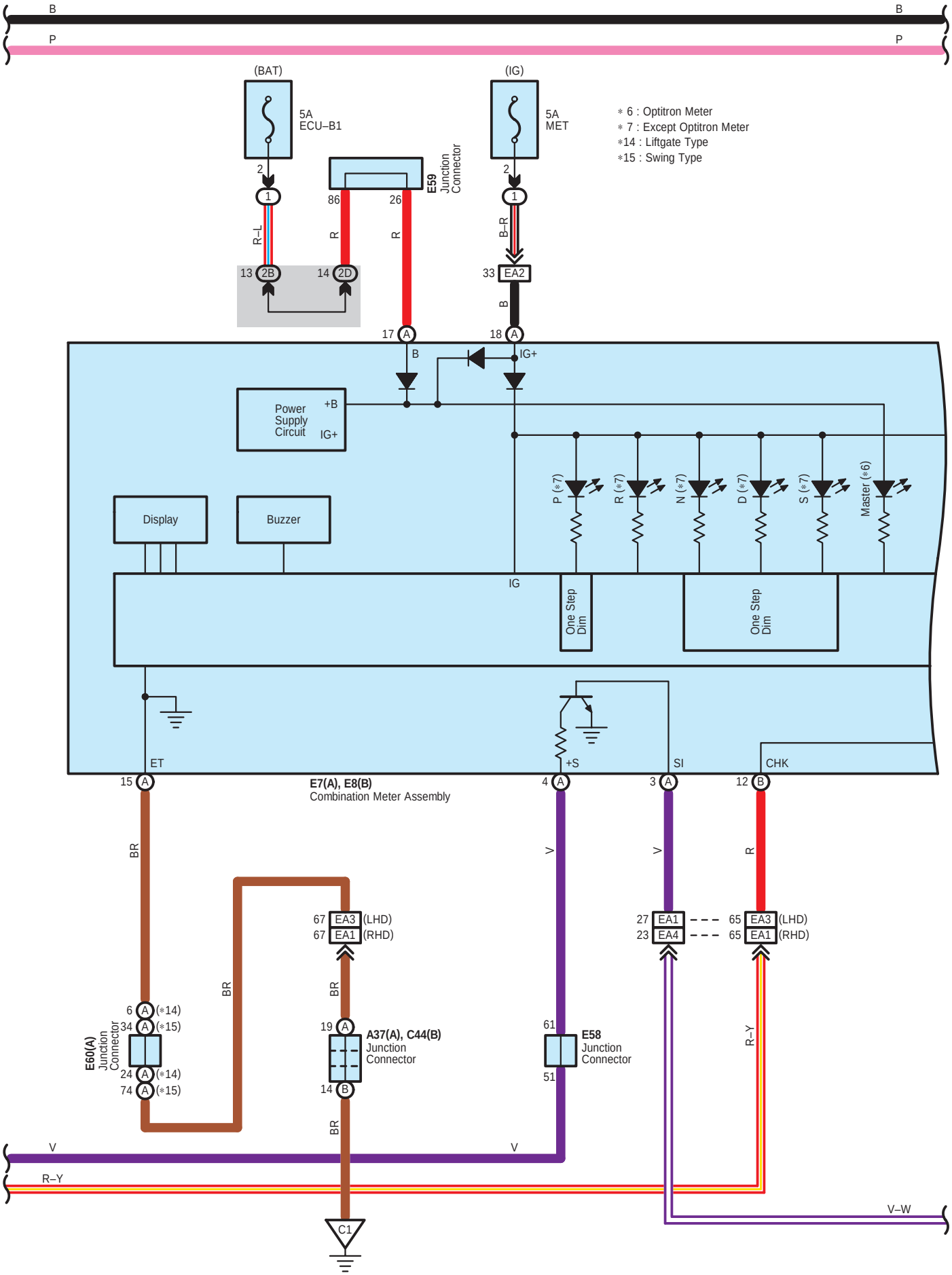

∗ 8 : Before Jul. 2009 Production
∗ 9 : From Jul. 2009 Production
∗14 : Liftgate Type
∗15 : Swing Type
∗16 : w/ Entry & Start System
B
P
G–B(A/T)
G–W(A/T)
G
C35 Transmission Revolution Sensor (Turbine)
C36 Transmission Revolution Sensor (Counter Gear)
Y (A/T)
B (A/T)
G–B (A/T)
G–W (A/T)
G
6 (B) NT+
5 (B) NT–
4 (B) SP2+
3 (B) SP2–
49 (A) 49 (D) CANL
41 (A) 41 (D) (RHD) CANH
24 (B) P
27 (B) N
26 (B) (LHD) 26 (C) (RHD) D
A38(A), A52(D), C45(B), C46(C)
ECM
CCS
E02
E1
ME01
E01
E03
E04
E05
EC
40 (A) (LHD) 40 (D) (RHD)
21 (B) 21 (C)
81 (B) 81 (C)
20 (B) 20 (C)
22 (B) 22 (C)
104 (B) 104 (C)
23 (B) 23 (C)
46 (B) 46 (C)
32 (A) (LHD) 32 (D) (RHD)
14 EA3 (LHD) 14 EA1 (RHD)
E12(A), z37(D) Spiral Cable Sub–Assembly
CCS
ECC
ON–OFF
+ RES
– SET
CANCEL
z37(D) Cruise Control Main Switch
E60(A) Junction Connector
4 (A) (∗14) 54 (A) (∗15) 24 (A) (∗14) 74 (A) (∗15)
67 EA3 (LHD) 67 EA1 (RHD)
A37(A), C44(B) Junction Connector
19 (A) 14 (B)
L
BR
W–B
B
C1
C2
A4
A2

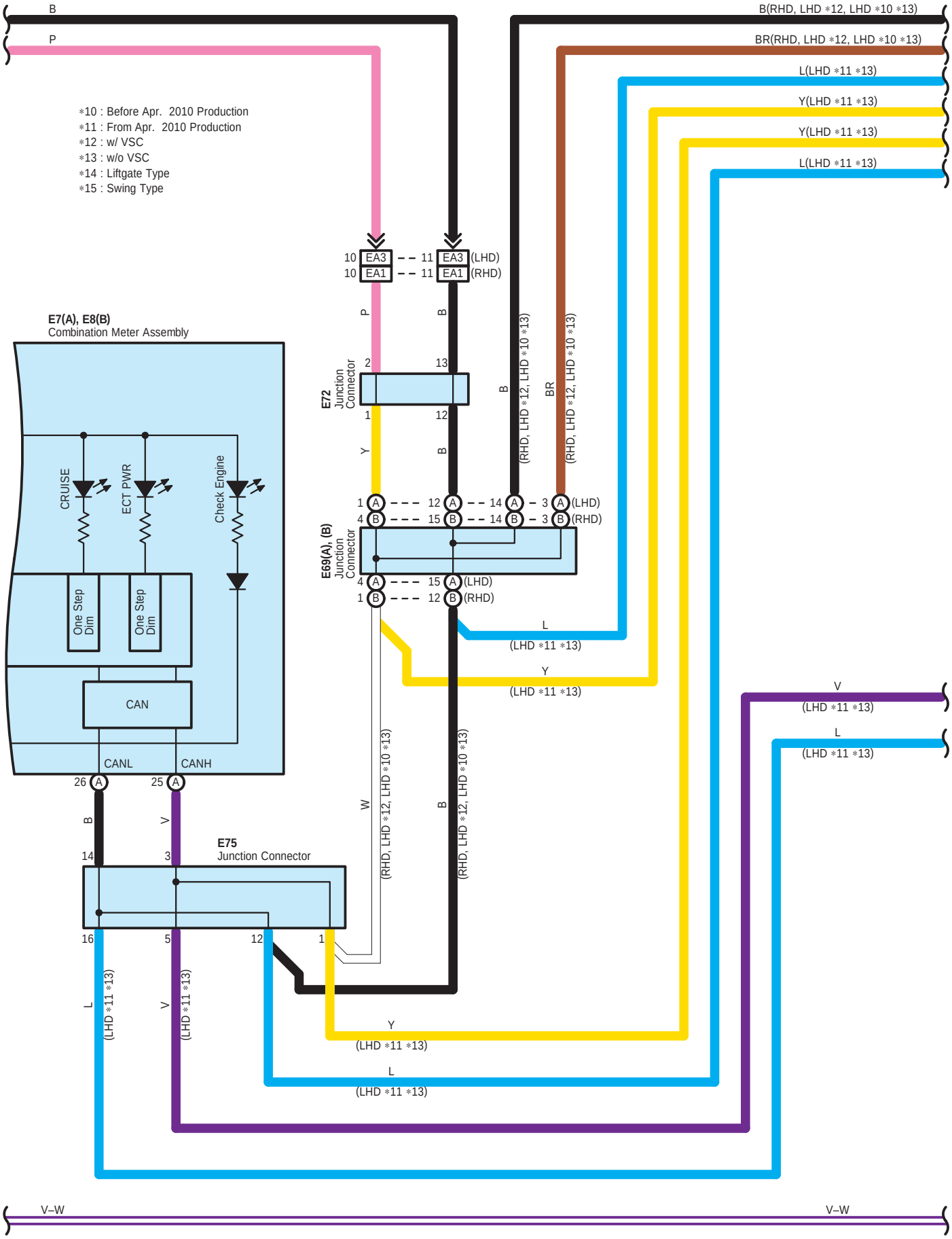

B
P
G–B(A/T)
G–W(A/T)
G
(BAT)
5A
AM2
25A
DOOR
NO. 2
25A
DOOR
NO. 1
(IG)
10A
ECU–IG
No. 2
(ACC)
7. 5A
ACC
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
ACC
IG
ALTB
BATB
22
15
6
2
36 EA2
20 2B
W
L
(∗16)
A38(A), A52(D), C45(B), C46(C)
ECM
PWR
SNWI
SFTU
SFTD
S
47
17
16
51
25 (LHD)
37 EA3
38 EA3
35 EA3
34 EA3
36 EA3
8 VE1
8 VE3
9 VE1 (∗8)
9 VE3 (∗9)
V4
Suspension Control Switch
ECT Switch
E
2ND
P
20
17
16
1 VE1 (∗8)
1 VE3 (∗9)
SFTU
SFTD
E
IG
S
E52
Transmission Control Switch
5
3
7
60 A
9 A
E60(A)
Junction
Connector
12
9
1
E66
Junction
Connector
E2
W–B
G
(A/T)

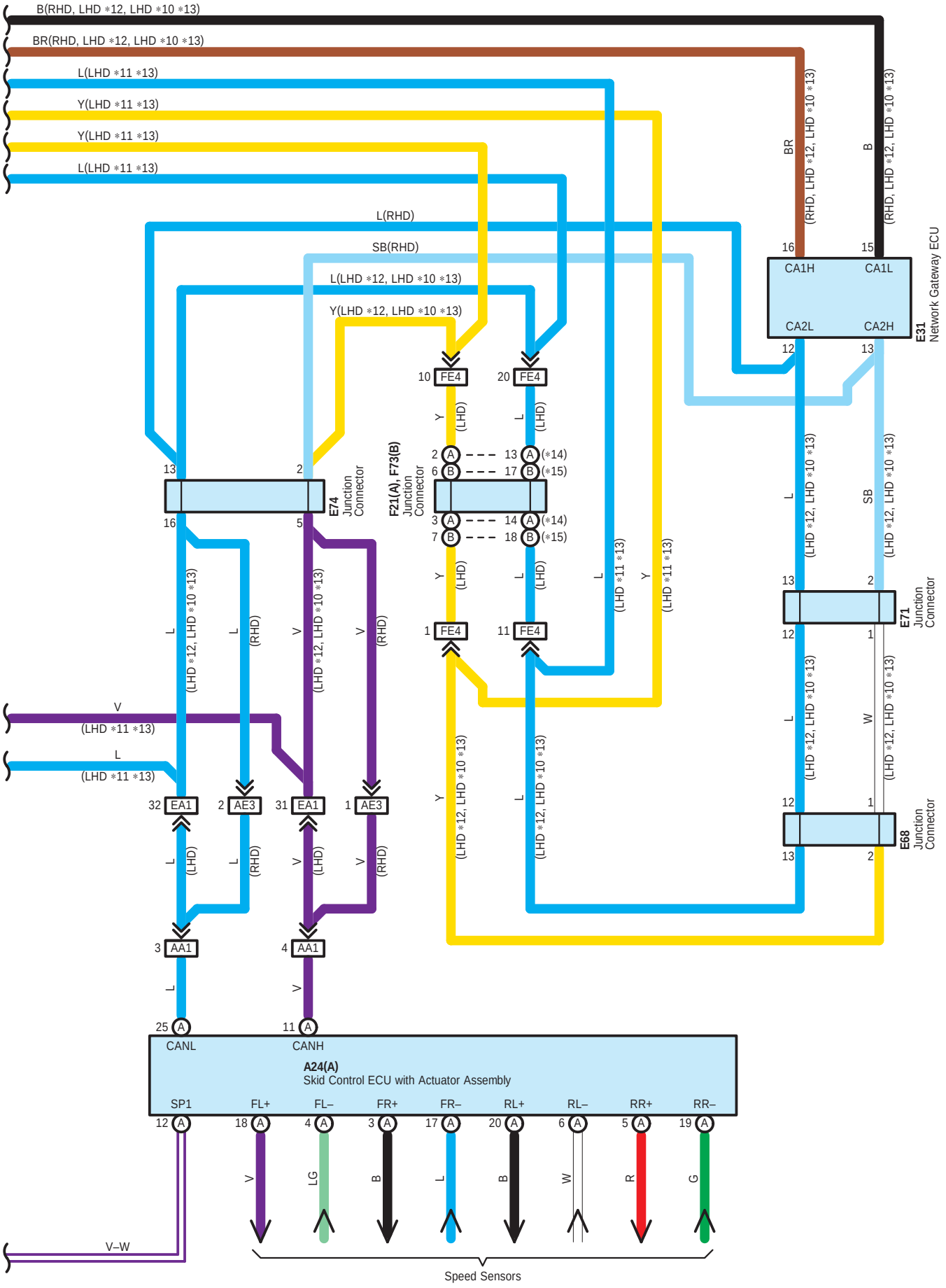

B
P
G–B(A/T)
G–W(A/T)
G
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
AM1
AM2
ACCR
STSW
E59 Junction Connector
A38(A), A52(D), C45(B), C46(C)
ECM
W
R
SPD
STAR
NSW
STA
ST Relay
A34 Junction Connector
e1 Clutch Start Switch Assembly
A49 Clutch Start Switch Assembly
∗ 4 : LHD M/T
∗ 5 : RHD M/T
∗16 : w/ Entry & Start System
∗17 : w/o Entry & Start System
R(A/T)
L
L(∗16)
V
L–R(A/T)
G(A/T)
R–Y
A1
A3


B
P
G–B(A/T)
G–W(A/T)
G
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
STR
STR2
GND2
GND3
(BAT)
5A
AM1
47 2D
R
(*17)
E93
Ignition or Starter
Switch Assembly
ACC
IG1
ST1
AM1
4
3
8 A
6 D
4
1 C
62 2D
18 EA3 (LHD)
18 EA1 (RHD)
17 EA3 (LHD)
17 EA1 (RHD)
L
(*16)
12 A
13 A
20 B
19 B
A37(A), C44(B)
Junction
Connector
L
(M/T)
L
(A/T)
ST CUT Relay
W–B
BR
E62
Junction Connector
E67
Junction Connector
7
13
1
C24
Park/Neutral
Position Switch
B
L
P
N
5
R
(A/T)
1 A
2 A
10 B
R(A/T)
L
L(*16)
V
L–R(A/T)
G(A/T)
R–Y
E1
E2

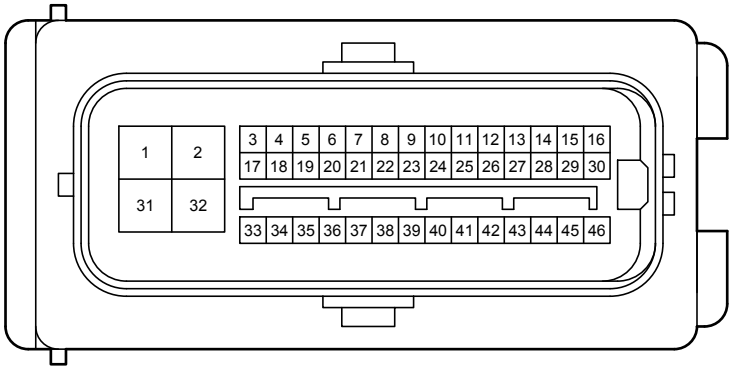

B
P
G–B(A/T)
G–W(A/T)
G
(IG)
(IG)
10A
BK/UP
LP
5A
LH–IG
23 2B
55 2D
10 2B
G–B (A/T)
G (A/T)
G (M/T)
25 CA3
G (A/T)
2
100
50
E58
Junction
Connector
65
25
E59
Junction
Connector
C24
Park/Neutral Position Switch
DL
NL
RL
PL
RB
P
R
N
D
S
7
9
1
6
G(A/T)
G–W(A/T)
L–R(A/T)
G–B(A/T)
G (RHD M/T)
2 eA1
G (RHD M/T)
1
2
e2
Clutch Switch Assembly
B (RHD M/T)
1 eA1
G–B (RHD M/T)
G (LHD M/T)
1
2
A50
Clutch Switch Assembly
G–B (LHD M/T)
G
G (A/T)
G–W (A/T)
G–W (A/T)
G–B (A/T)
G–B (A/T)
9 B
8 B
16 B
17 B
5 B
6 B
3 A
A37(A), C44(B)
Junction Connector
V
L–R(A/T)
G(A/T)
V
R–Y
R–Y


B
P
(BAT)
5A
ECU–B1
(IG)
5A
MET
∗ 6 : Optitron Meter
∗ 7 : Except Optitron Meter
∗14 : Liftgate Type
∗15 : Swing Type
E59
Junction
Connector
R–L
B–R
2B
2D
EA2
Power
Supply
Circuit
+B
IG+
Display
Buzzer
P (∗7)
R (∗7)
N (∗7)
D (∗7)
S (∗7)
Master (∗6)
IG
One Step
Dim
ET
+S
SI
CHK
E7(A), E8(B)
Combination Meter Assembly
BR
V
R
R–Y
V–W
EA3
EA1
(LHD)
(RHD)
EA4
E60(A)
Junction
Connector
A37(A), C44(B)
Junction
Connector
E58
Junction
Connector
C1

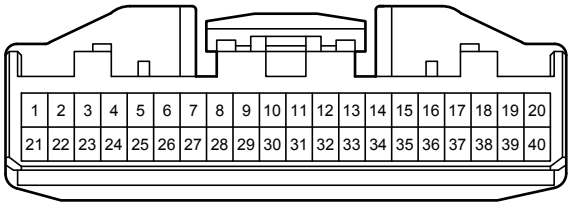

B
P
B(RHD, LHD *12, LHD *10 *13)
BR(RHD, LHD *12, LHD *10 *13)
L(LHD *11 *13)
Y(LHD *11 *13)
Y(LHD *11 *13)
L(LHD *11 *13)
*10 : Before Apr. 2010 Production
*11 : From Apr. 2010 Production
*12 : w/ VSC
*13 : w/o VSC
*14 : Liftgate Type
*15 : Swing Type
10 EA3 -- 11 EA3 (LHD)
10 EA1 -- 11 EA1 (RHD)
E7(A), E8(B)
Combination Meter Assembly
CRUISE
ECT PWR
Check Engine
One Step Dim
One Step Dim
CAN
CANL
CANH
26 A
25 A
E72
Junction Connector
2
13
1
12
E69(A), (B)
Junction Connector
1 A -- 12 A -- 14 A -- 3 A (LHD)
4 B -- 15 B -- 14 B -- 3 B (RHD)
4 A -- 15 A (LHD)
1 B -- 12 B (RHD)
(RHD, LHD *12, LHD *10 *13)
(RHD, LHD *12, LHD *10 *13)
L
(LHD *11 *13)
Y
(LHD *11 *13)
V
(LHD *11 *13)
L
(LHD *11 *13)
E75
Junction Connector
14
3
16
5
12
1
(RHD, LHD *12, LHD *10 *13)
(RHD, LHD *12, LHD *10 *13)
L
(LHD *11 *13)
V
(LHD *11 *13)
Y
(LHD *11 *13)
L
(LHD *11 *13)
V–W
V–W


B(RHD, LHD *12, LHD *10 *13)
BR(RHD, LHD *12, LHD *10 *13)
L(LHD *11 *13)
Y(LHD *11 *13)
Y(LHD *11 *13)
L(LHD *11 *13)
L(RHD)
SB(RHD)
L(LHD *12, LHD *10 *13)
Y(LHD *12, LHD *10 *13)
BR
B
(RHD, LHD *12, LHD *10 *13)
16
15
CA1H
CA1L
CA2L
CA2H
12
13
E31
Network Gateway ECU
10 FE4
20 FE4
Y
L
(LHD)
F21(A), F73(B)
Junction Connector
2 A 13 A (*14)
6 B 17 B (*15)
3 A 14 A (*14)
7 B 18 B (*15)
1 FE4
11 FE4
13
2
16
5
E74
Junction Connector
L
V
(LHD *12, LHD *10 *13)
(RHD)
(LHD *11 *13)
SB
W
E71
Junction Connector
E68
Junction Connector
V
(LHD *11 *13)
L
(LHD *11 *13)
32 EA1
2 AE3
31 EA1
1 AE3
(LHD)
(RHD)
3 AA1
4 AA1
25 A
11 A
CANL
CANH
A24(A)
Skid Control ECU with Actuator Assembly
SP1
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
12 A
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
V
LG
B
L
B
W
R
G
V–W
Speed Sensors

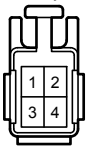
A 24
Black



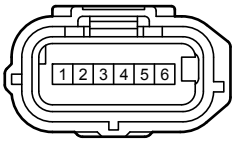
A 27
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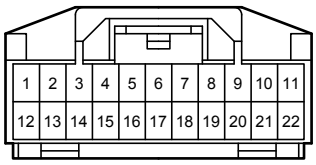
A 30
Gray



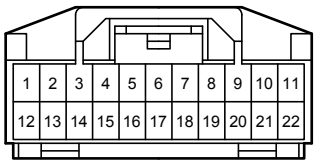
A 31
Black



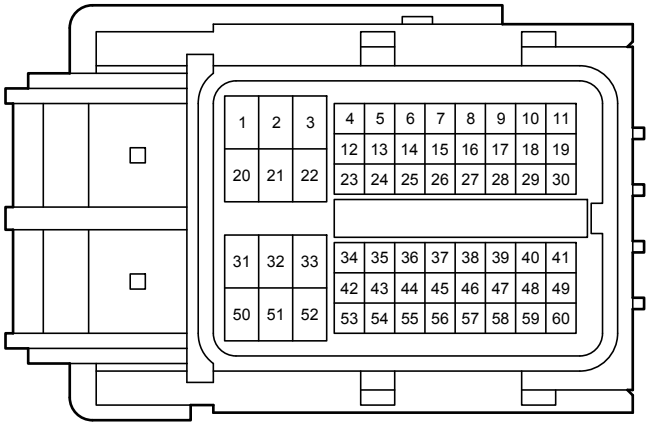
A 34
White



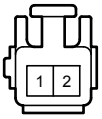
A 37
Blue



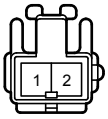
A 38
Black



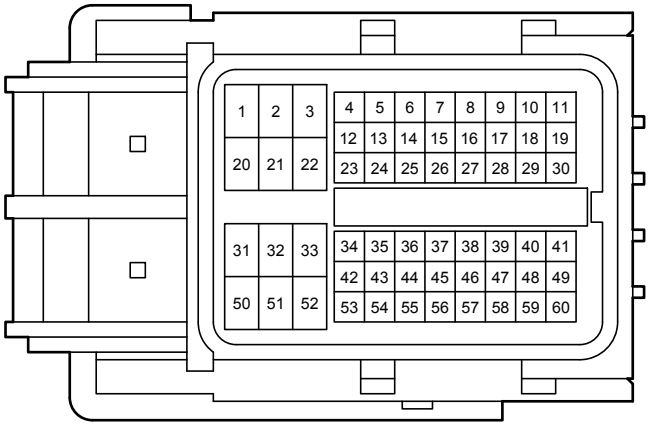
A 49
Black



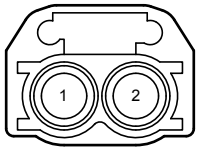
A 50
White



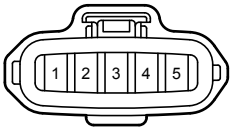
A 52
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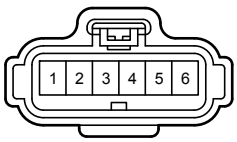
C 1
Black



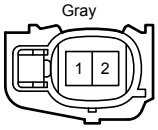
C 2
Black



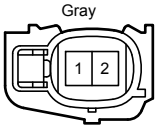
C 3
Black



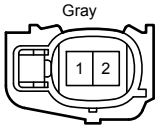
C 5
Gray



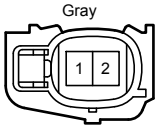
C 7
Gray



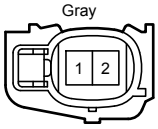
C 9
Gray



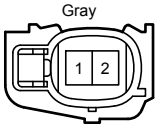
C 12
Gray



C 14
Gray



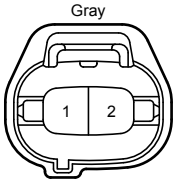
C 16
Gray



C 18
Dark Gray



C 19
Gray



C 20
Dark Gray



C 21
Dark Gray



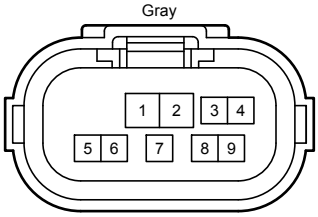
C 22
Dark Gray



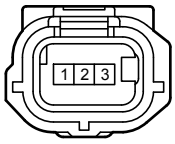
C 23
Dark Gray



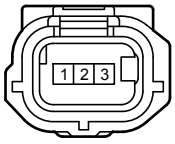
C 24
Gray



C 25
Black



C 26
Black



C 27
Black



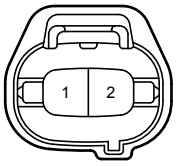
C 28
Black



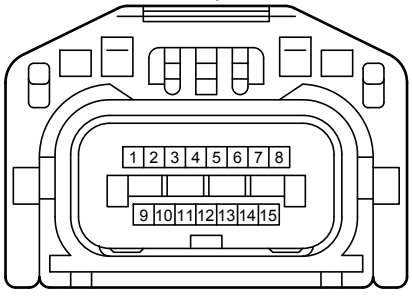
C 29
Black



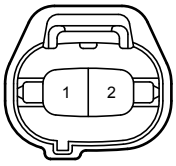
C 31
Brown



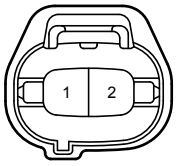
C 34
Gray



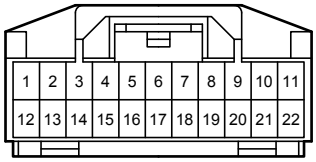
C 35
Black



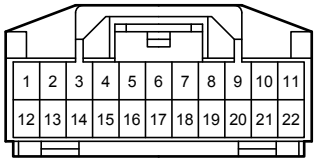
C 36
Black



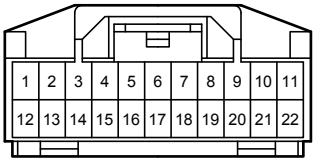
C 42
White



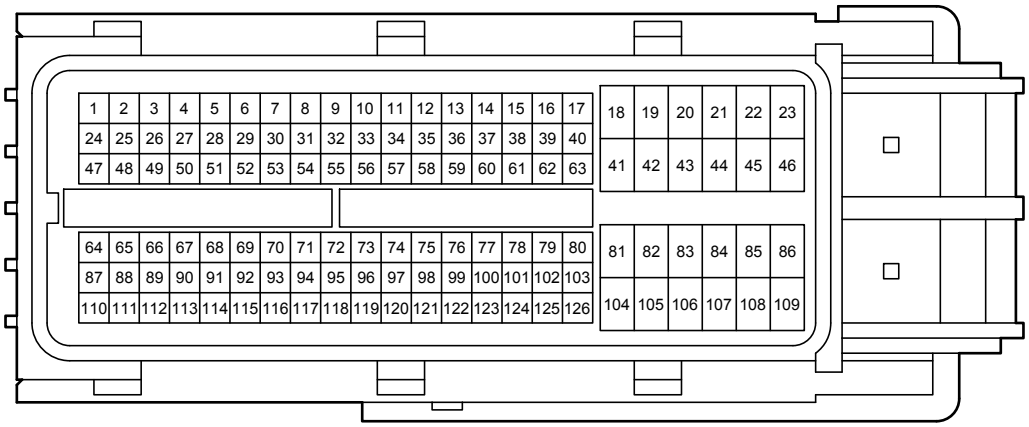
C 43
White



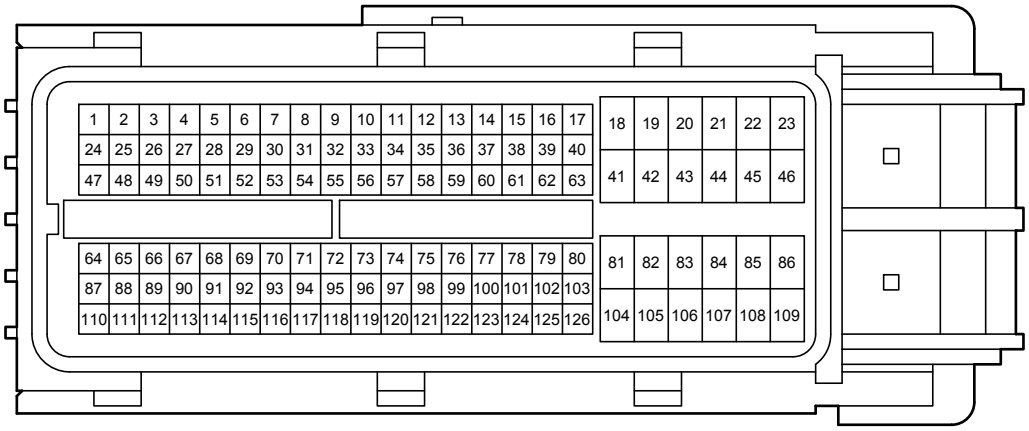
C 44
Blue



C 45
Black



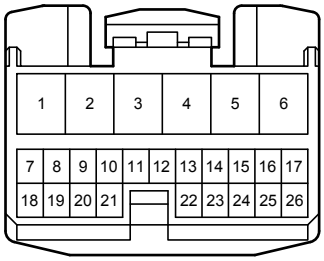
C 46
Black



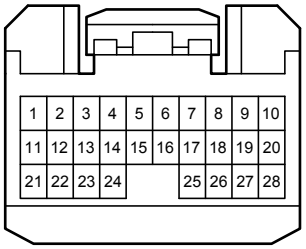
D 4
Black



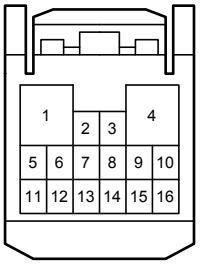
E 1
White



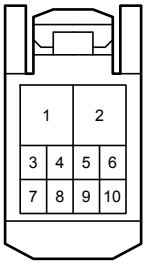
E 2
White



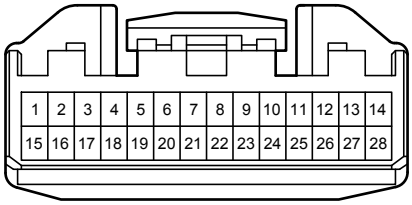
E 3
White



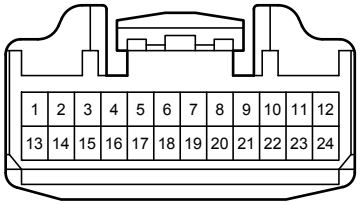
E 4
White



E 7
White



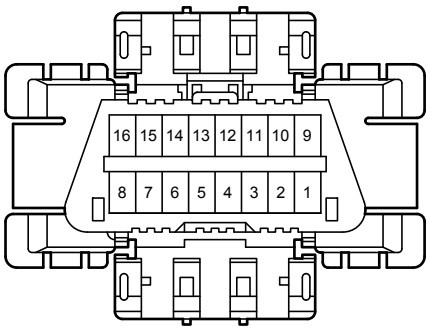
E 8
Black



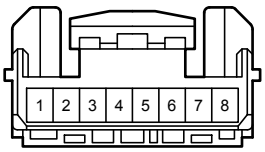
E 12
Black



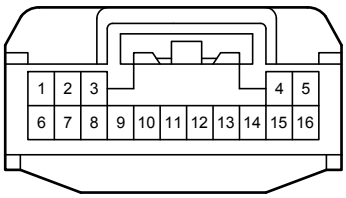
E 22
White



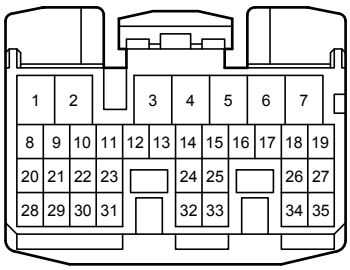
E 28
White



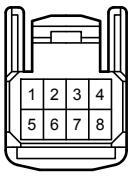
E 31
White



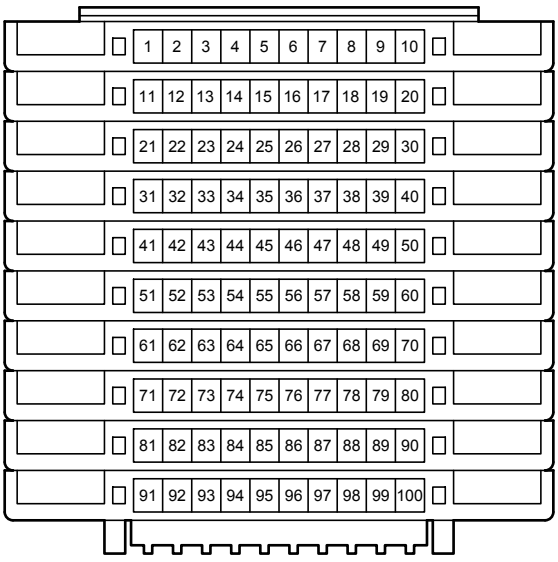
E 36
White



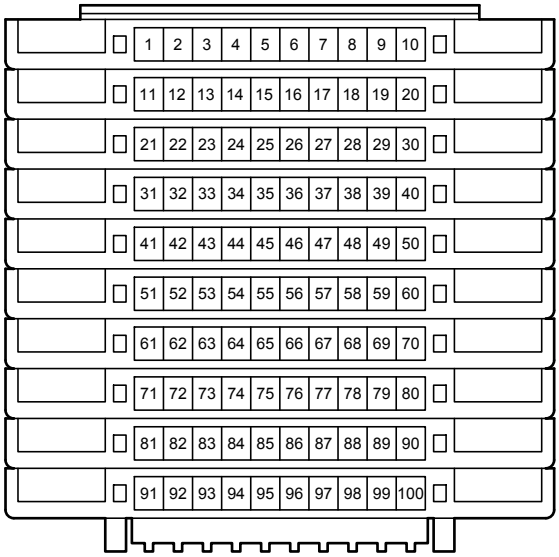
E 52
White



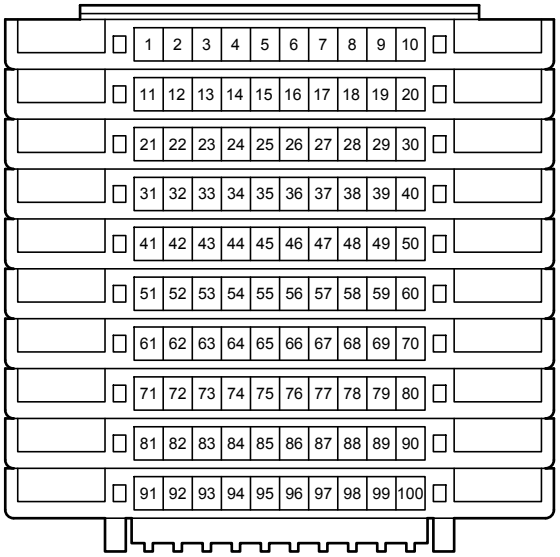
E 58



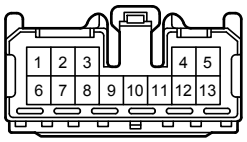
E 59



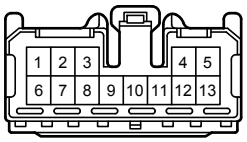
E 60



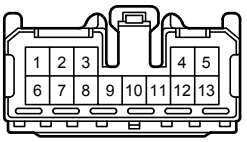
E 62
White



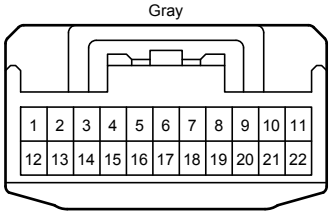
E 66
White



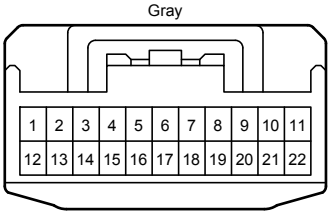
E 67
White



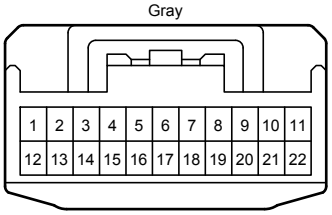
E 68
Gray



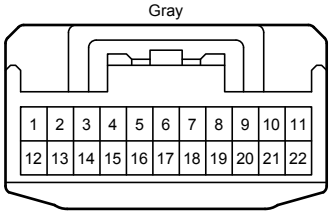
E 69
Gray



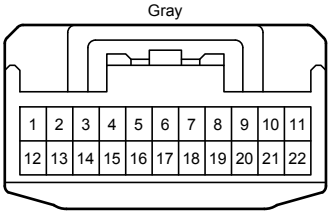
E 71
Gray



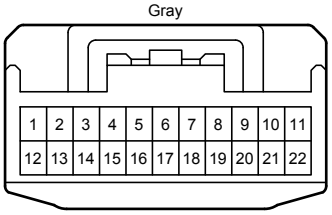
E 72
Gray



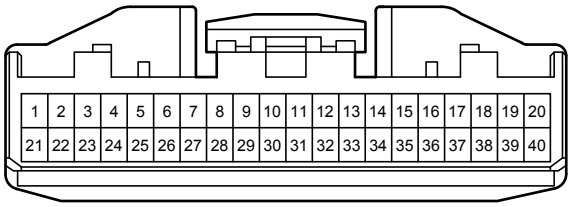
E 74
Gray



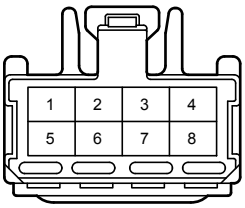
E 75
Gray



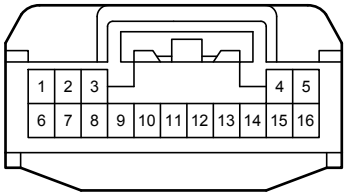
E 81
White



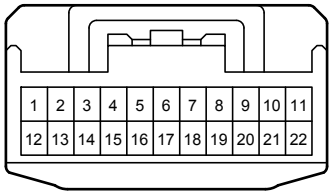
E 93
White



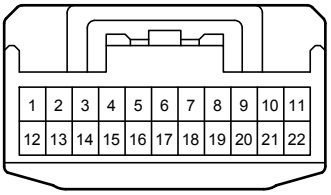
E 96
Black



F 21
Black



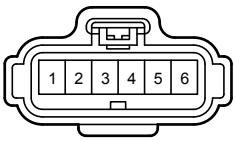
F 73
Blue



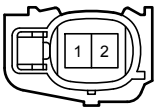
N 1
White



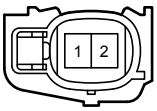
N 2
Black



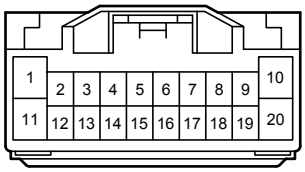
U 1
Black



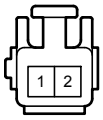
U 2
Black



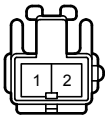
V 4
White



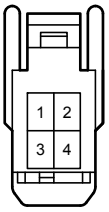
e 1
Black



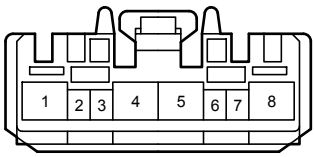
e 2
White



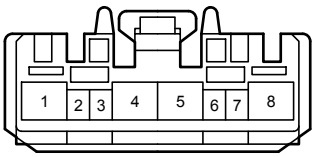
z 37
White



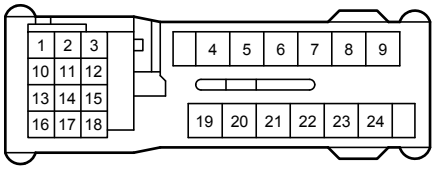
1A
White



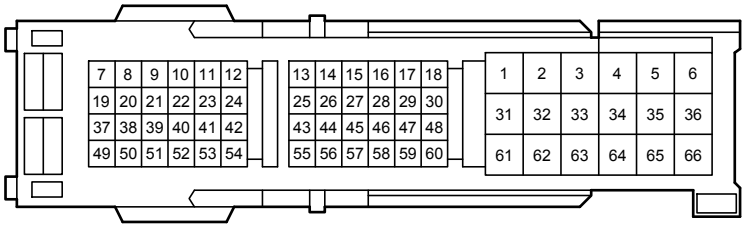
1B
White



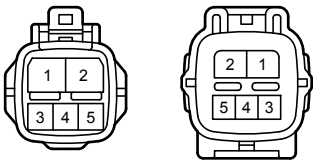
2B
White



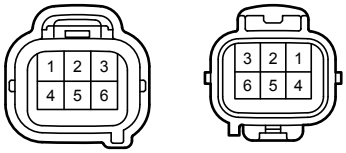
2D
White



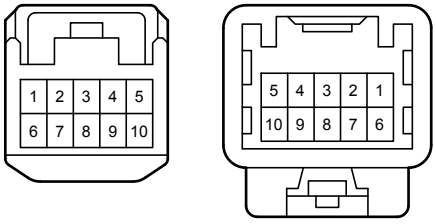
AA1
Gray



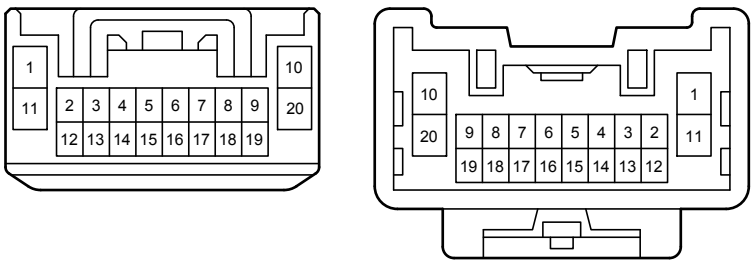
AD1
Black



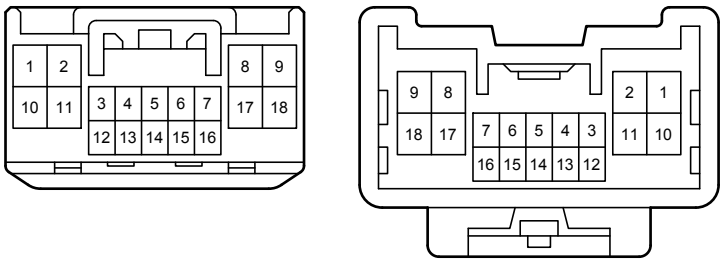
AE3
Gray



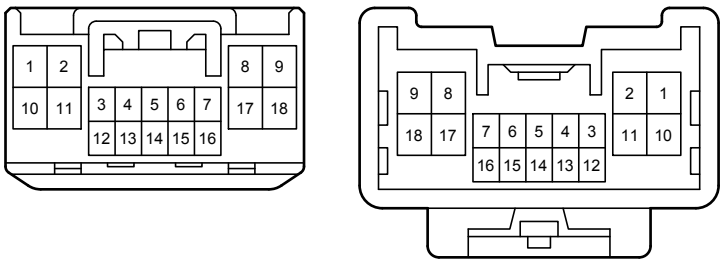
AK1
Blue



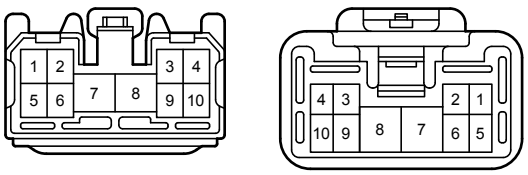
AK2
Gray



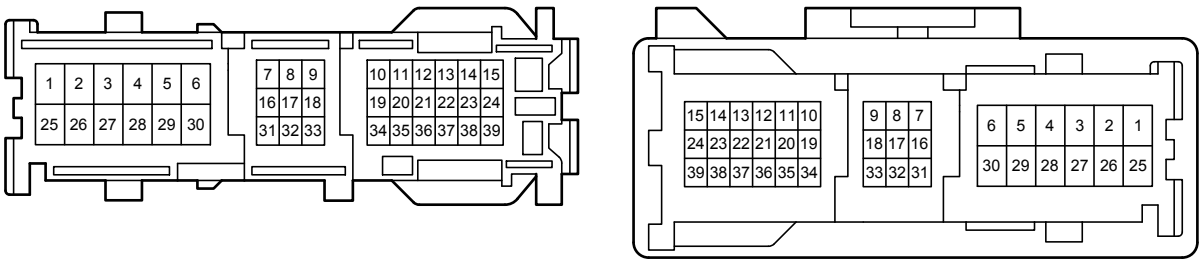
CA1
White

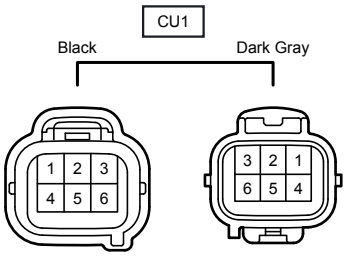


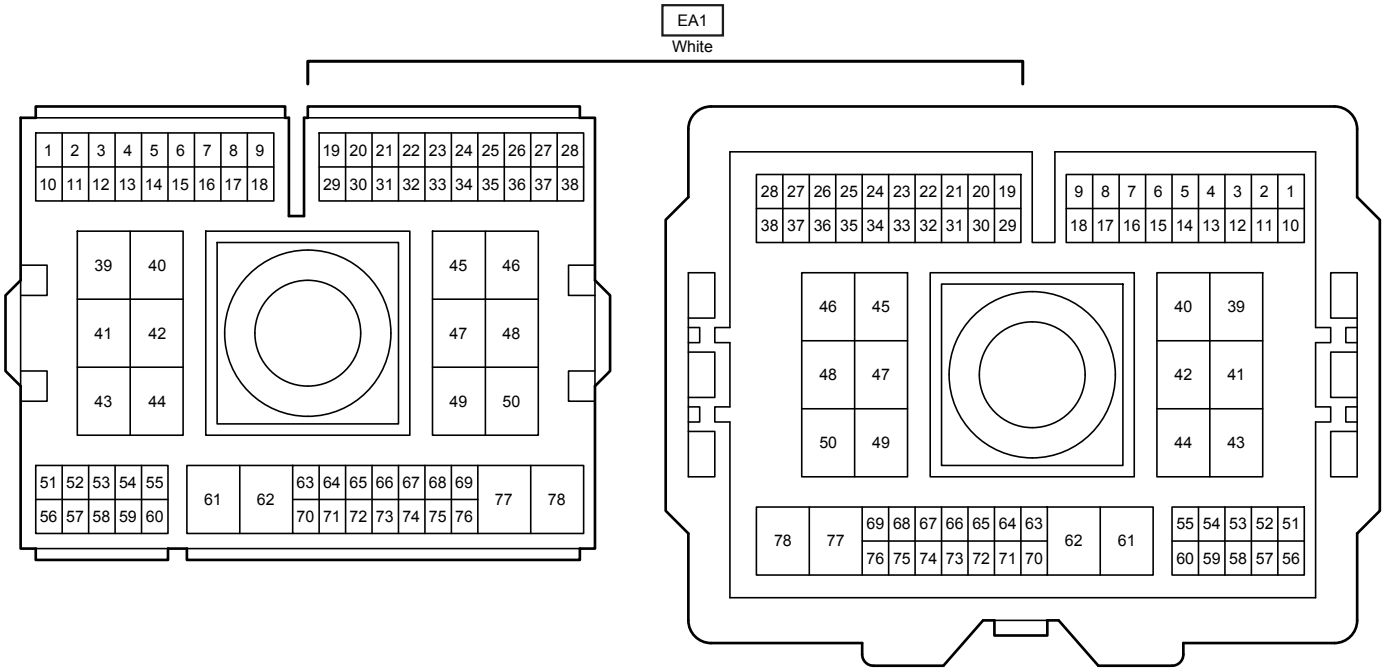
CA2
White

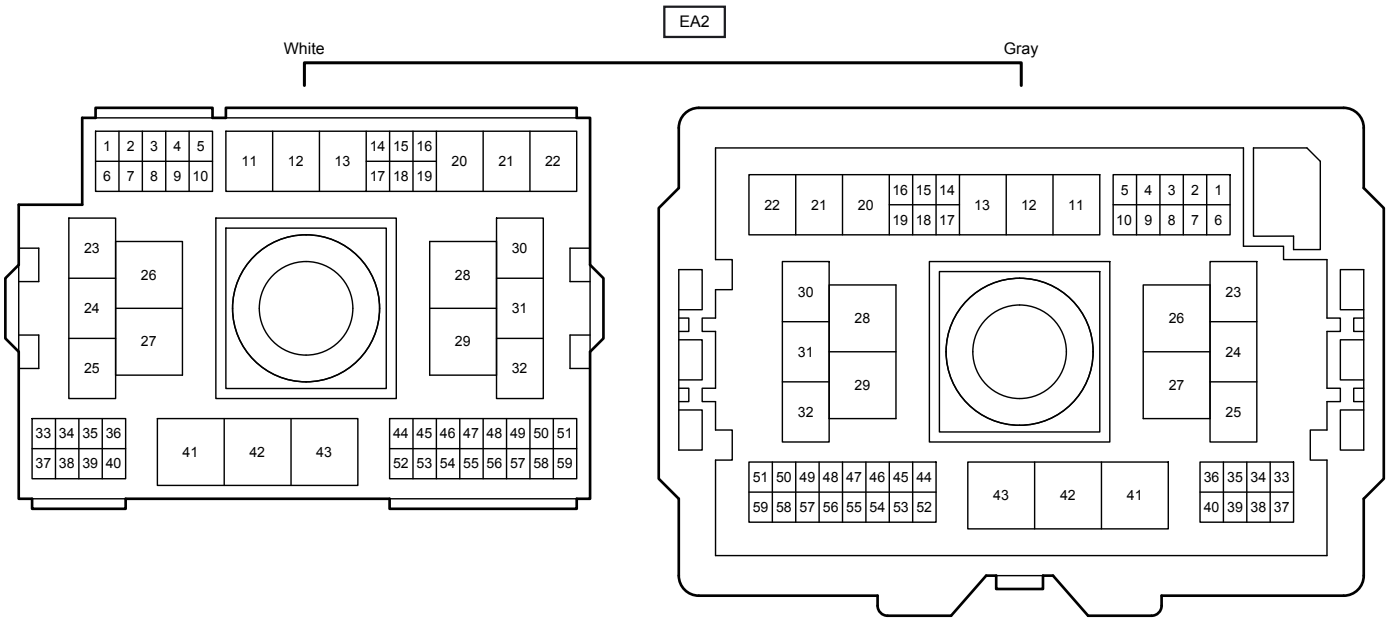


CA3
White

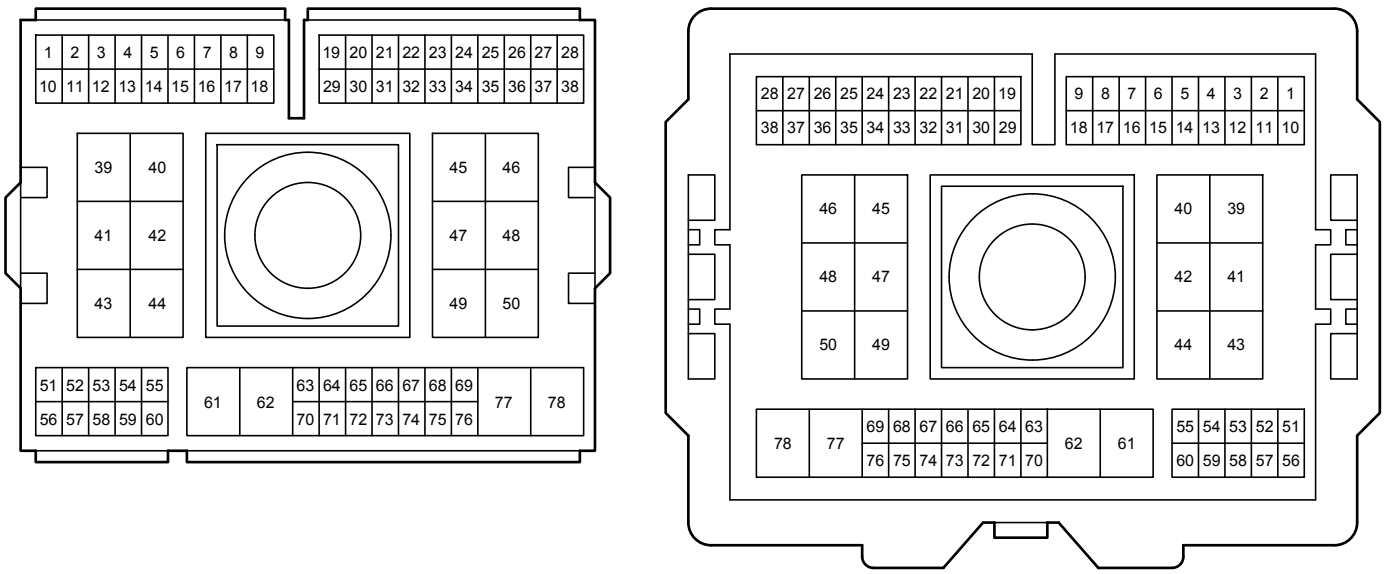



CU1
Black
Dark Gray
1 2 3
4 5 6
3 2 1
6 5 4

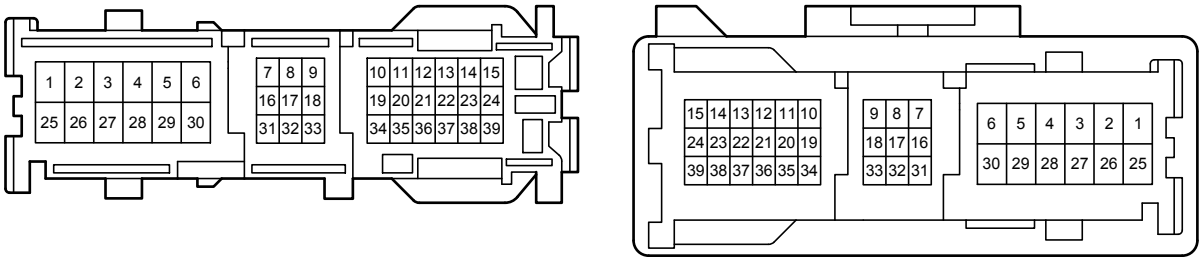

EA1
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45
48 47
50 49
40 39
42 41
44 43
78 77
69 68 67 66 65 64 63
76 75 74 73 72 71 70
62 61
55 54 53 52 51
60 59 58 57 56


EA2
White
Gray
1 2 3 4 5
6 7 8 9 10
11 12 13
14 15 16
17 18 19
20 21 22
23
24
25
26
27
28
29
30
31
32
33 34 35 36
37 38 39 40
41 42 43
44 45 46 47 48 49 50 51
52 53 54 55 56 57 58 59
22 21 20
16 15 14
19 18 17
13 12 11
5 4 3 2 1
10 9 8 7 6
30
31
32
28
29
26
27
23
24
25
51 50 49 48 47 46 45 44
59 58 57 56 55 54 53 52
43 42 41
36 35 34 33
40 39 38 37

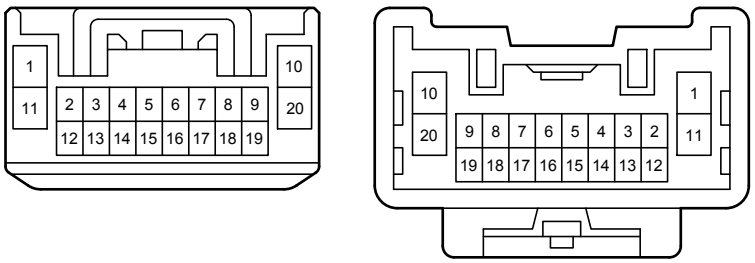
EA3
White



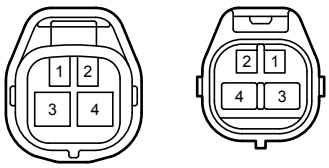
EA4
White



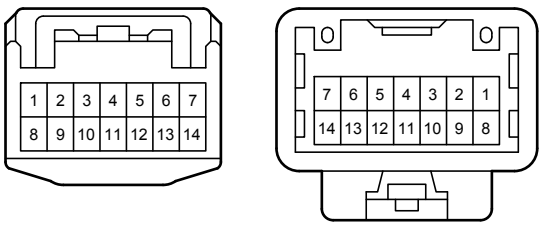
FE4
White



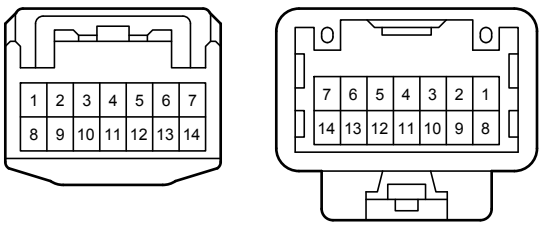
KN1
White

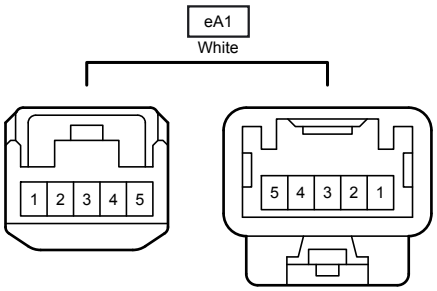


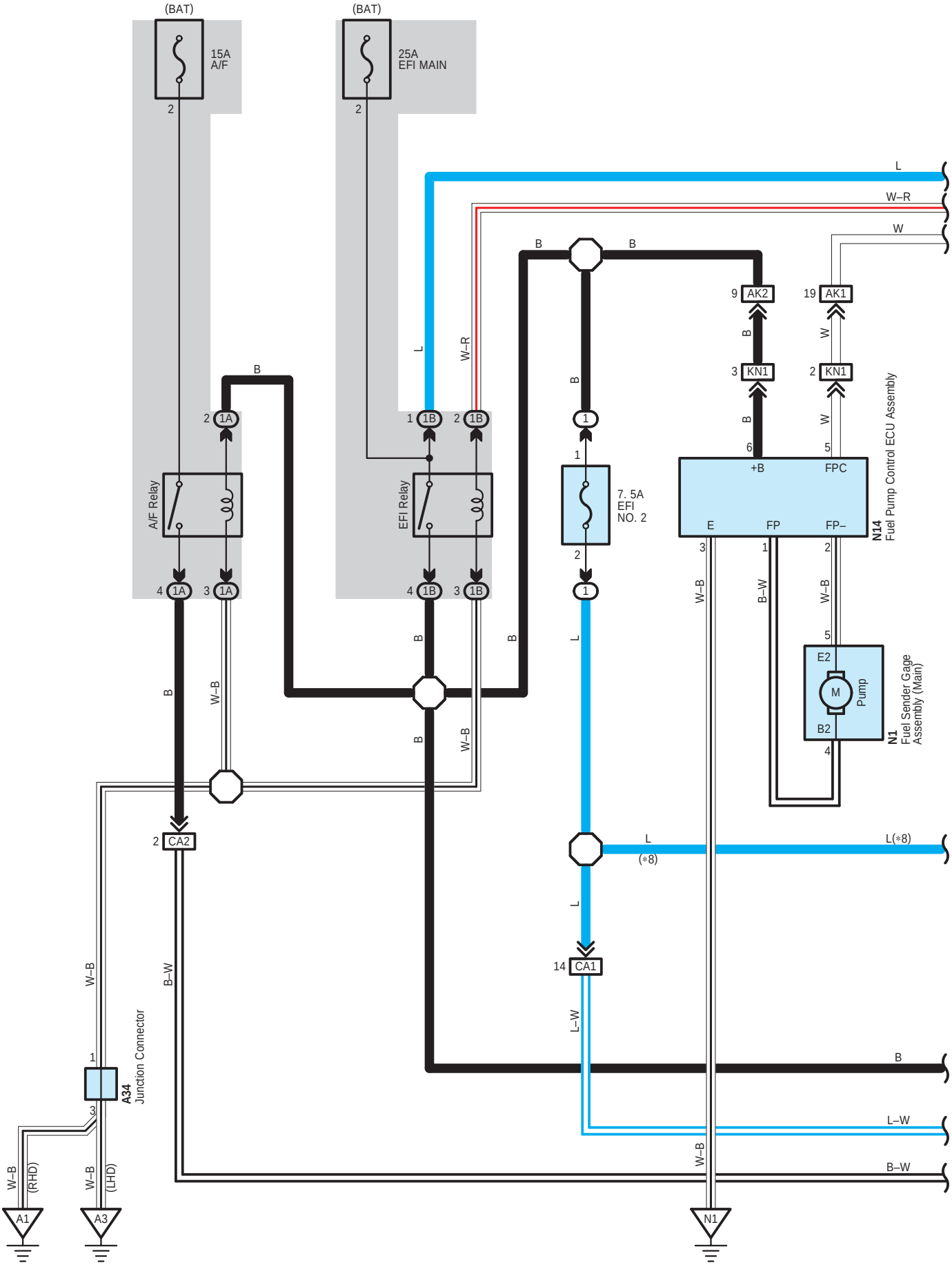
VE1
White

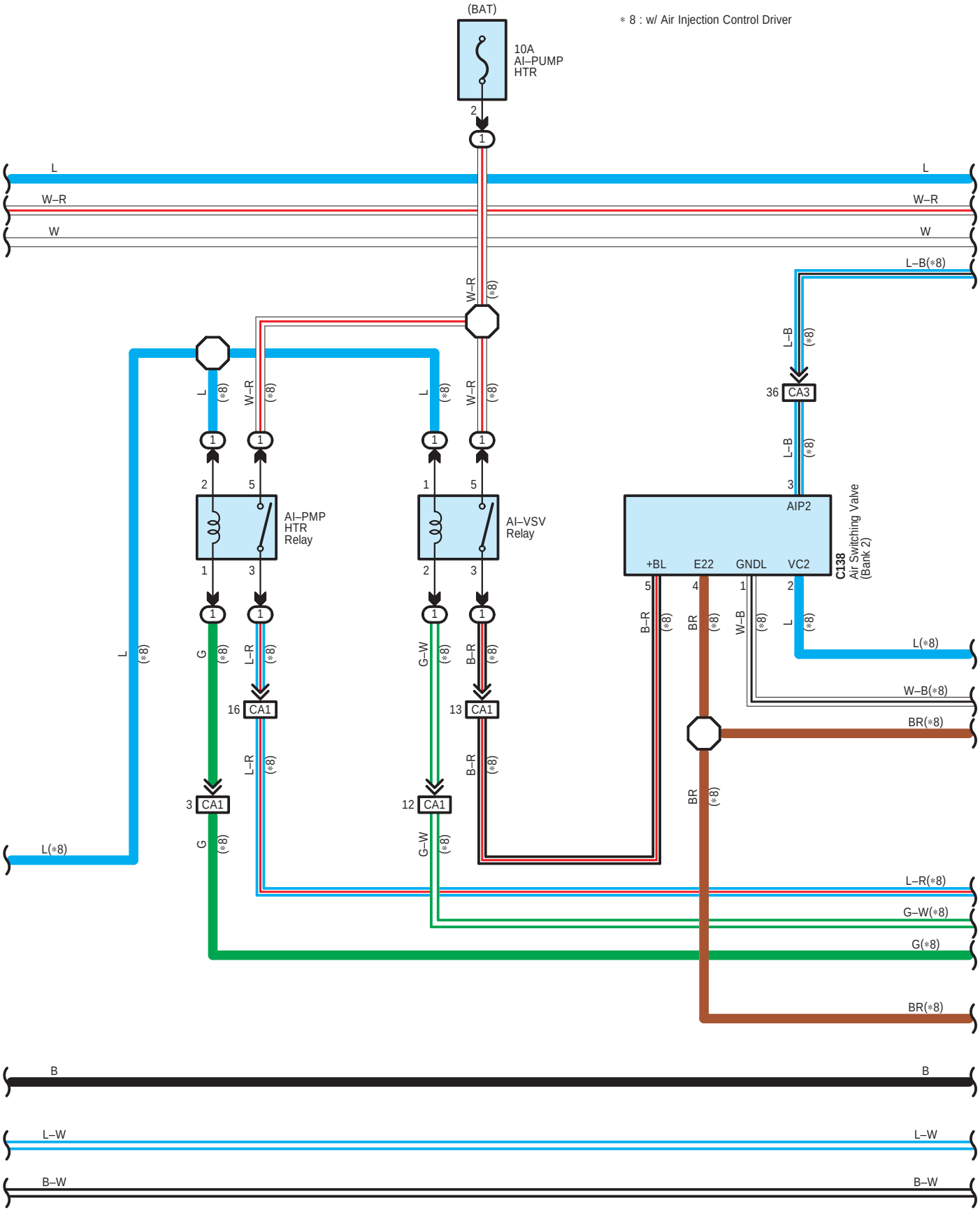


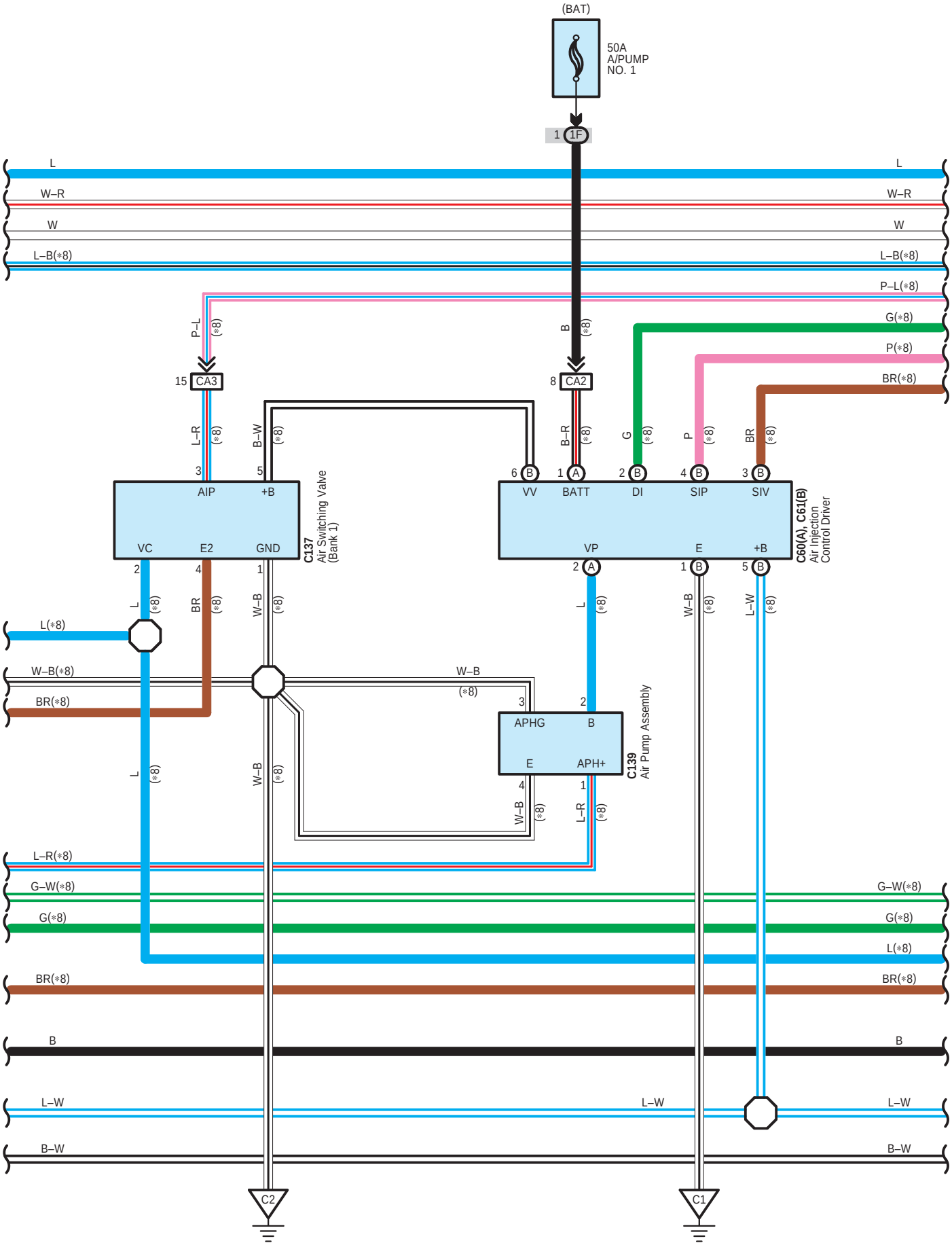
VE3
Gray

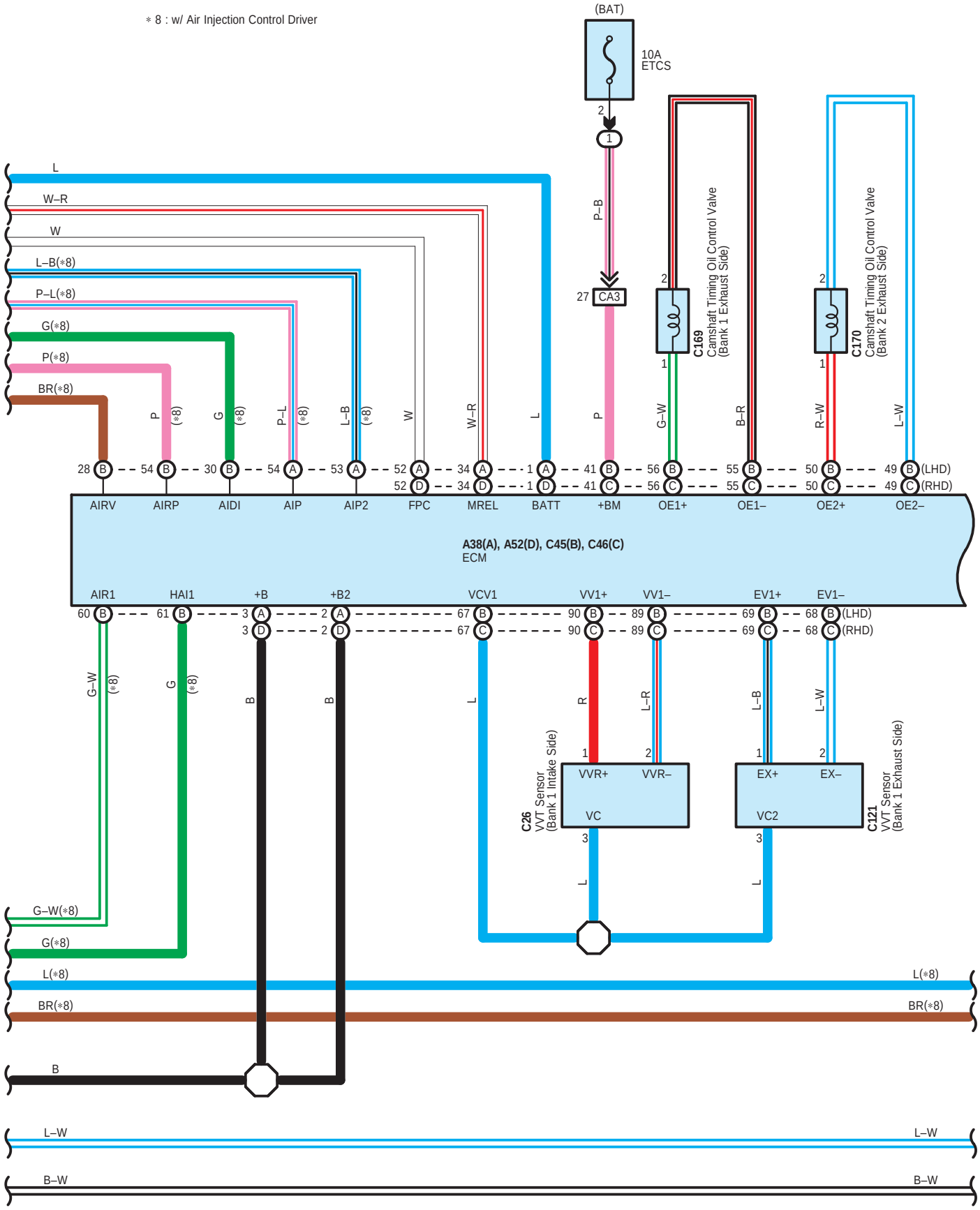


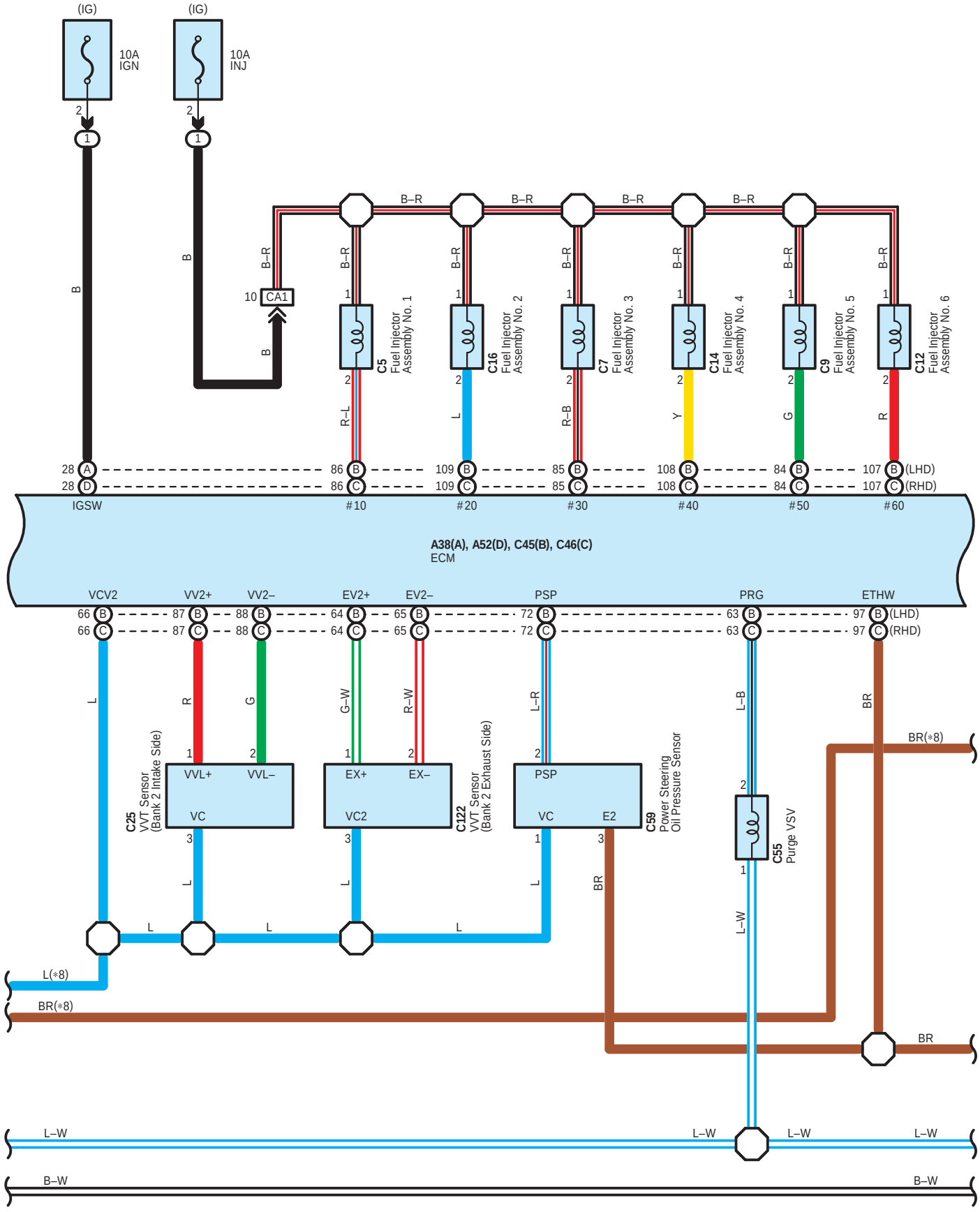

eA1
White
1 2 3 4 5
5 4 3 2 1


(BAT)
15A
A/F
2
(BAT)
25A
EFI MAIN
2
L
W–R
W
B
B
9 AK2
19 AK1
B
W
3 KN1
2 KN1
B
W
6
5
+B
FPC
E
FP
FP–
N14
Fuel Pump Control ECU Assembly
3
1
2
W–B
B–W
W–B
5
E2
M
Pump
B2
4
N1
Fuel Sender Gage
Assembly (Main)
2 1A
1 1B
2 1B
A/F Relay
EFI Relay
4 1A
3 1A
4 1B
3 1B
B
W–B
B
W–B
B
B
1
1
7. 5A
EFI
NO. 2
2
1
L
L
(*8)
L(*8)
2 CA2
14 CA1
L
L–W
B
L–W
B–W
W–B
1
3
A34
Junction Connector
W–B
(RHD)
W–B
(LHD)
A1
A3
N1

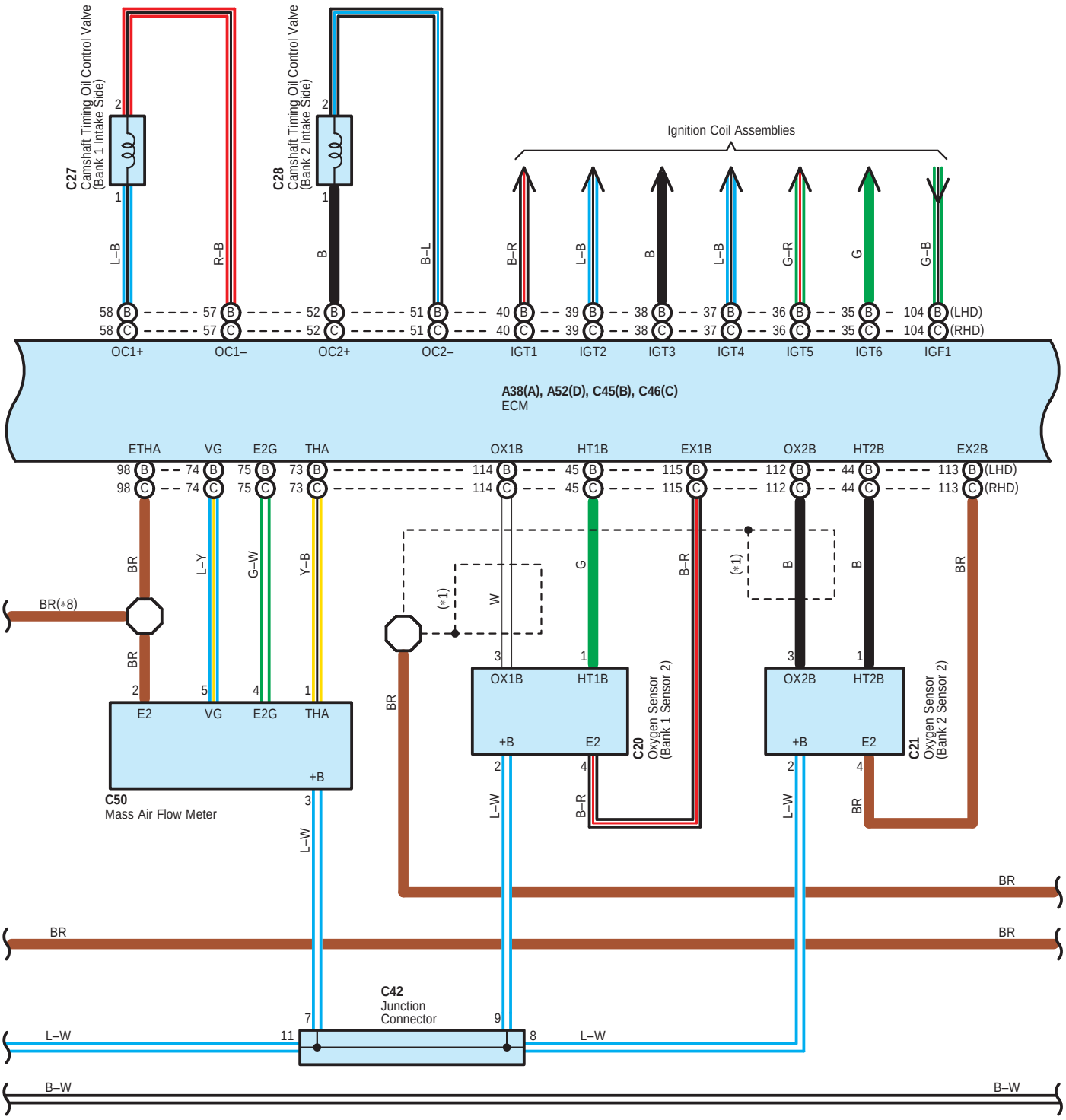

(BAT)
10A
AI–PUMP
HTR
2
1
∗ 8 : w/ Air Injection Control Driver
L
W–R
W
L–B(∗8)
AI–PMP
HTR
Relay
AI–VSV
Relay
AIP2
C138
Air Switching Valve
(Bank 2)
+BL
E22
GNDL
VC2
36 CA3
16 CA1
13 CA1
3 CA1
12 CA1
L(∗8)
W–B(∗8)
BR(∗8)
L–R(∗8)
G–W(∗8)
G(∗8)
B
L–W
B–W


(BAT)
50A
A/PUMP
NO. 1
1 1F
L
W–R
W
L–B(*8)
P–L(*8)
G(*8)
P(*8)
BR(*8)
15 CA3
8 CA2
P–L (*8)
B (*8)
L–R (*8)
B–W (*8)
B–R (*8)
G (*8)
P (*8)
BR (*8)
AIP
+B
VC
E2
GND
C137
Air Switching Valve
(Bank 1)
VV
BATT
DI
SIP
SIV
VP
E
+B
C60(A), C61(B)
Air Injection
Control Driver
L (*8)
W–B (*8)
BR (*8)
L(*8)
W–B(*8)
BR(*8)
APHG
B
E
APH+
C139
Air Pump Assembly
L–R(*8)
G–W(*8)
G(*8)
L(*8)
BR(*8)
B
L–W
B–W
C2
C1

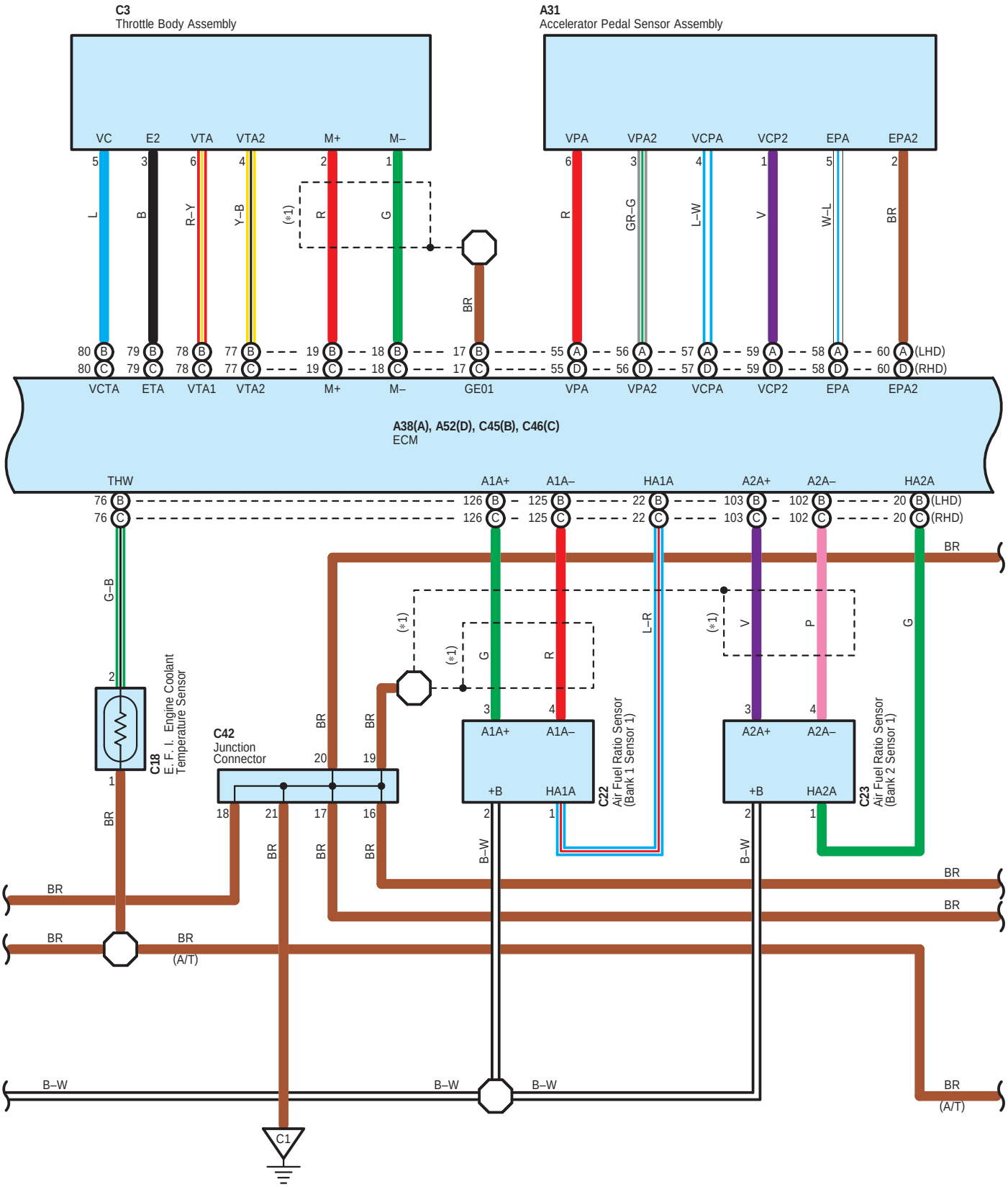

∗ 8 : w/ Air Injection Control Driver
(BAT)
10A
ETCS
2
1
P–B
27 CA3
C169
Camshaft Timing Oil Control Valve
(Bank 1 Exhaust Side)
C170
Camshaft Timing Oil Control Valve
(Bank 2 Exhaust Side)
L
W–R
W
L–B(∗8)
P–L(∗8)
G(∗8)
P(∗8)
BR(∗8)
28 54 30 54 53 52 34 1 41 56 55 50 49 (LHD)
52 34 1 41 56 55 50 49 (RHD)
AIRV AIRP AIDI AIP AIP2 FPC MREL BATT +BM OE1+ OE1– OE2+ OE2–
A38(A), A52(D), C45(B), C46(C)
ECM
AIR1 HAI1 +B +B2 VCV1 VV1+ VV1– EV1+ EV1–
60 61 3 2 67 90 89 69 68 (LHD)
3 2 67 90 89 69 68 (RHD)
C26
VVT Sensor
(Bank 1 Intake Side)
VVR+ VVR– VC
C121
VVT Sensor
(Bank 1 Exhaust Side)
EX+ EX– VC2
G–W(∗8)
G(∗8)
L(∗8)
BR(∗8)
B
L–W
B–W

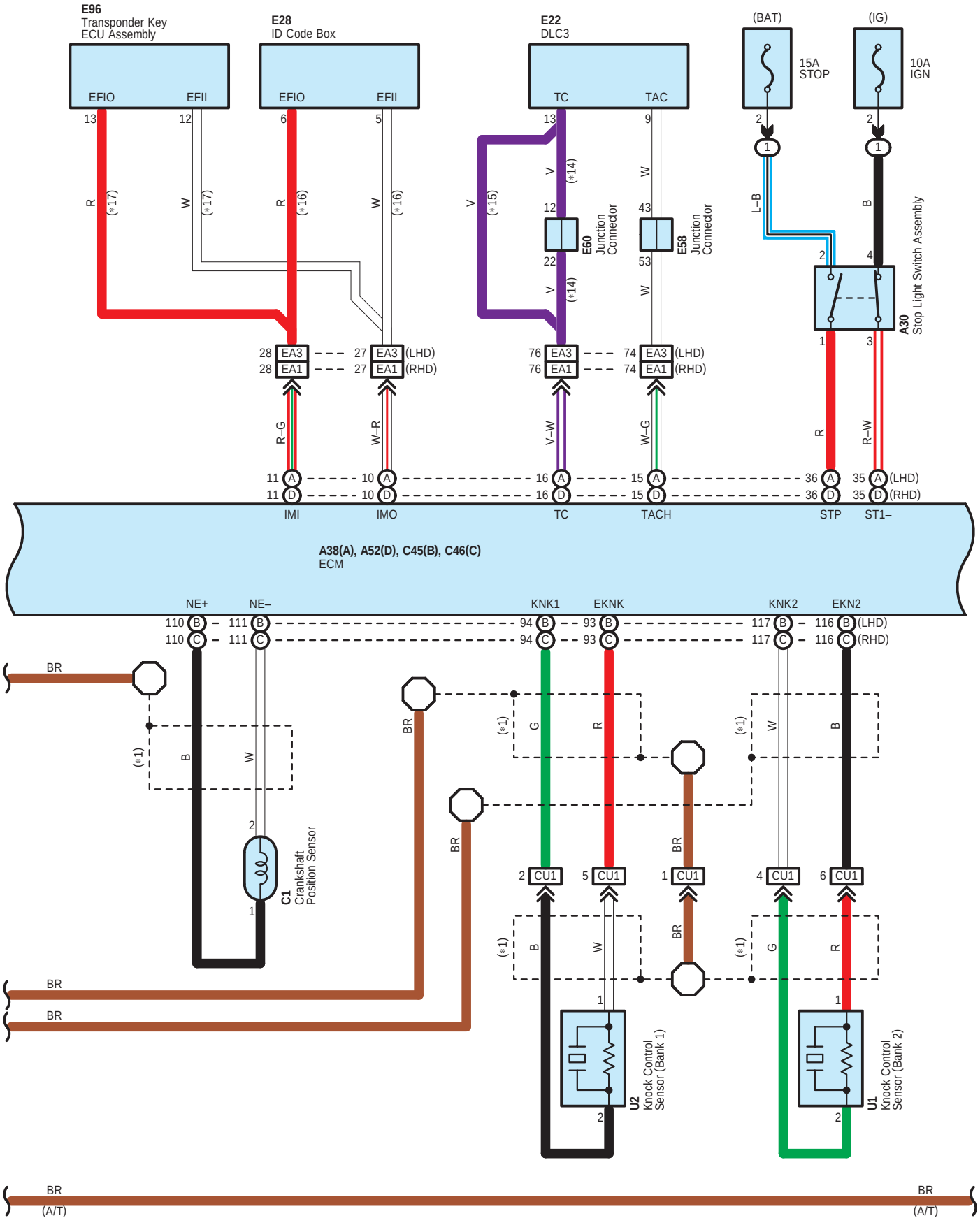

(IG)
(IG)
10A IGN
10A INJ
CA1
C5 Fuel Injector Assembly No. 1
C16 Fuel Injector Assembly No. 2
C7 Fuel Injector Assembly No. 3
C14 Fuel Injector Assembly No. 4
C9 Fuel Injector Assembly No. 5
C12 Fuel Injector Assembly No. 6
IGSW
#10
#20
#30
#40
#50
#60
A38(A), A52(D), C45(B), C46(C)
ECM
VCV2
VV2+
VV2–
EV2+
EV2–
PSP
PRG
ETHW
C25 VVT Sensor (Bank 2 Intake Side)
C122 VVT Sensor (Bank 2 Exhaust Side)
C59 Power Steering Oil Pressure Sensor
C55 Purge VSV
L(*8)
BR(*8)
L–W
B–W

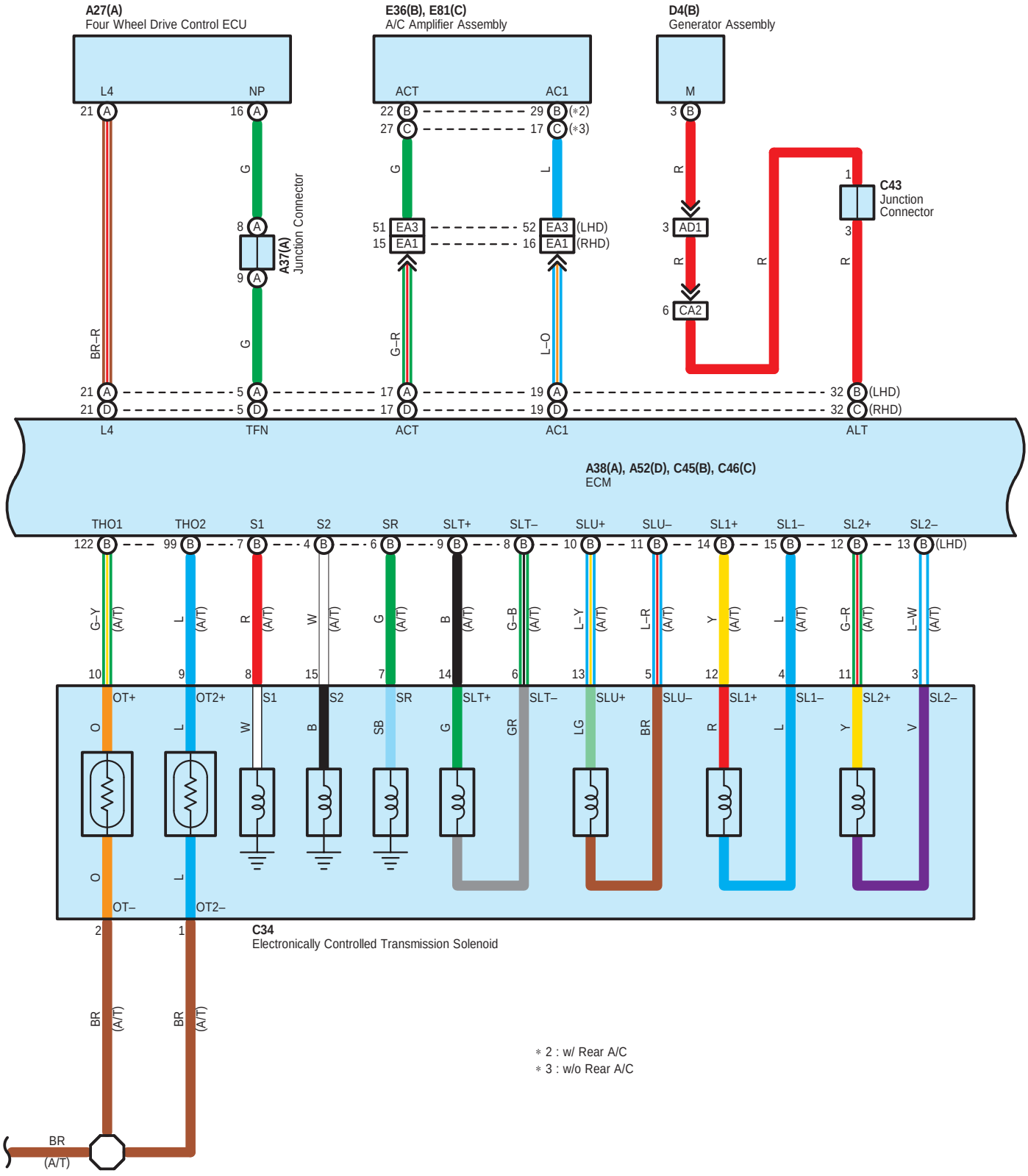
* 1 : Shielded
* 8 : w/ Air Injection Control Driver

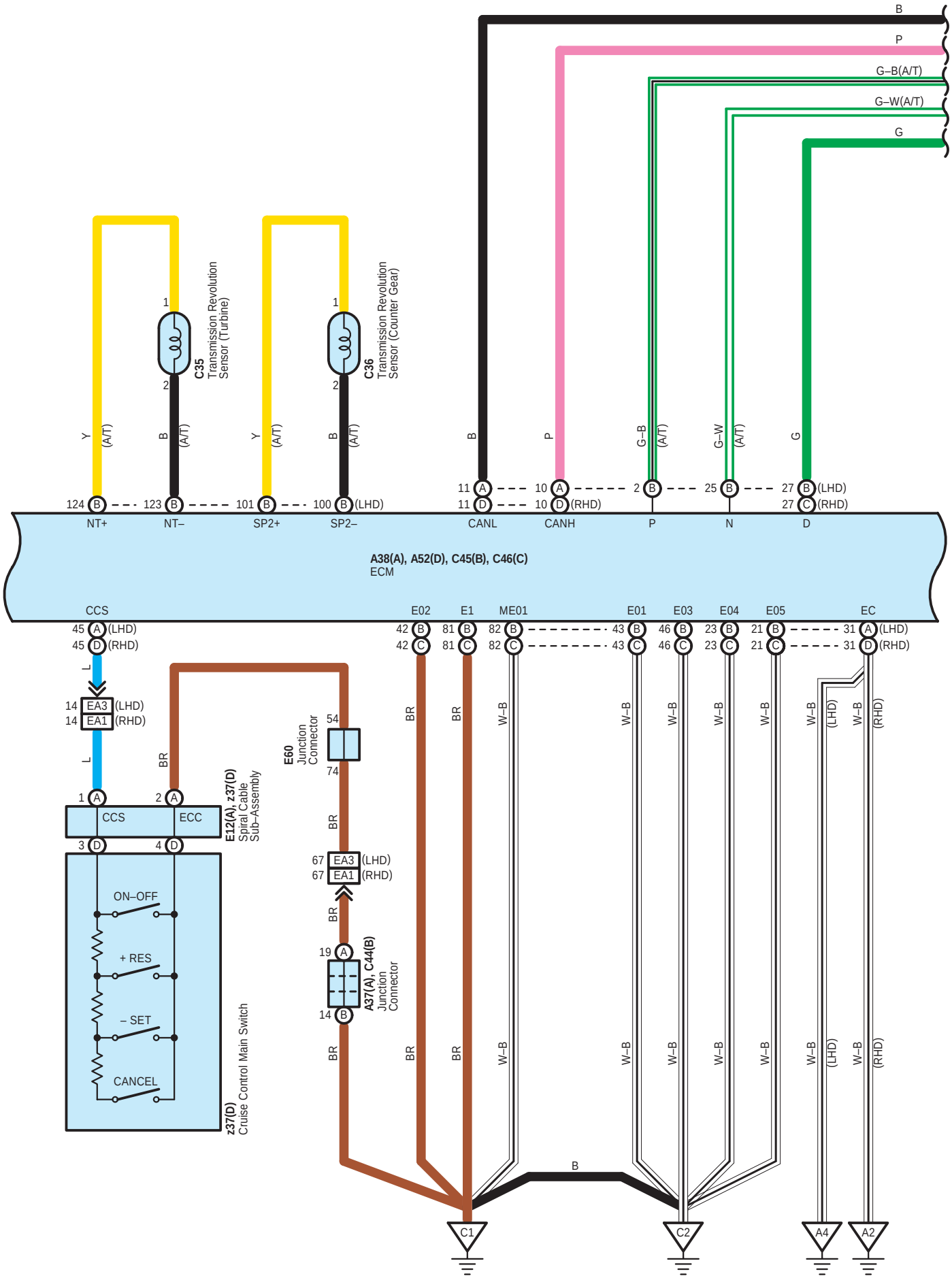


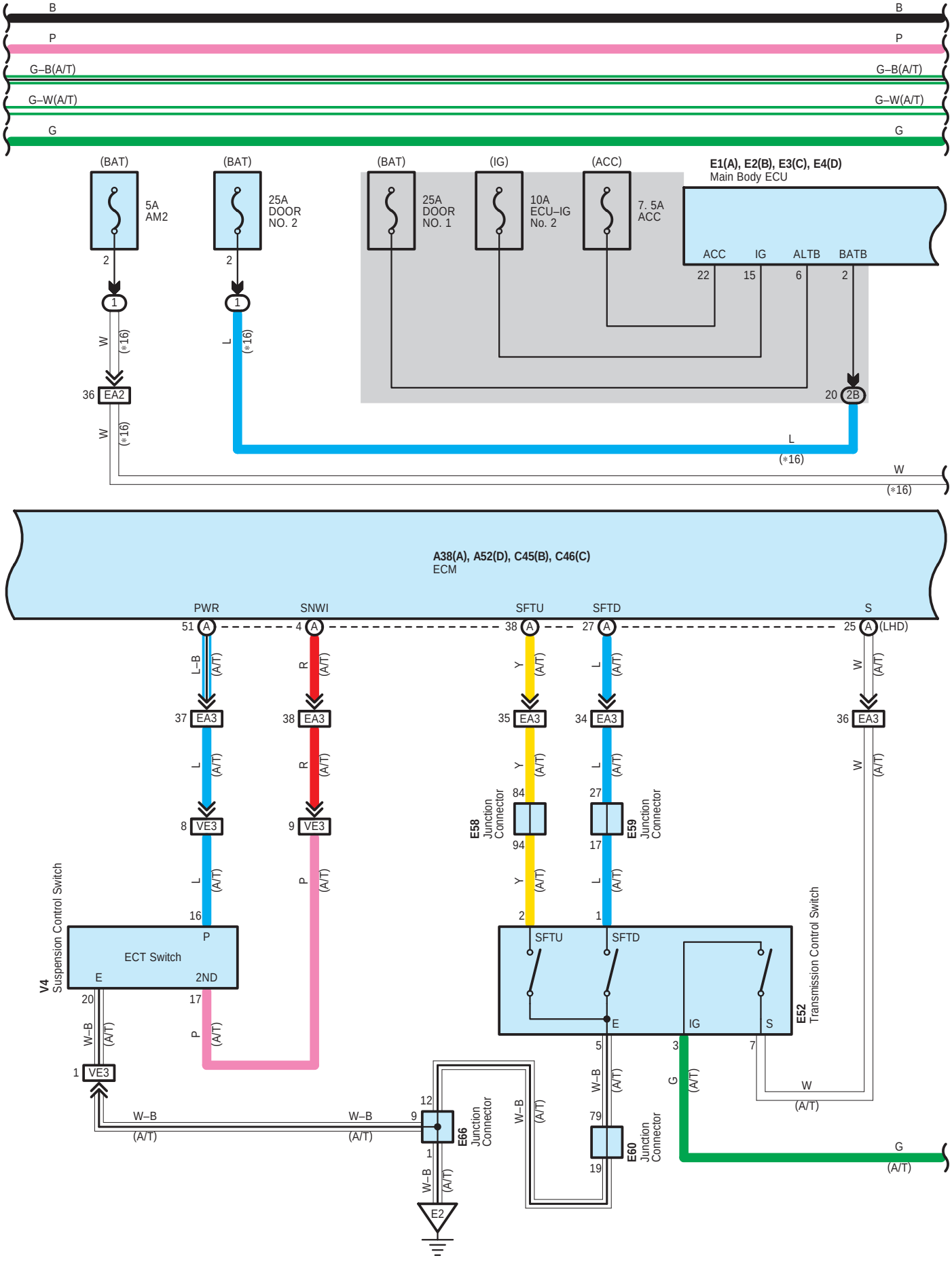
∗ 1 : Shielded
∗14 : Liftgate Type
∗15 : Swing Type
∗16 : w/ Entry & Start System
∗17 : w/o Entry & Start System

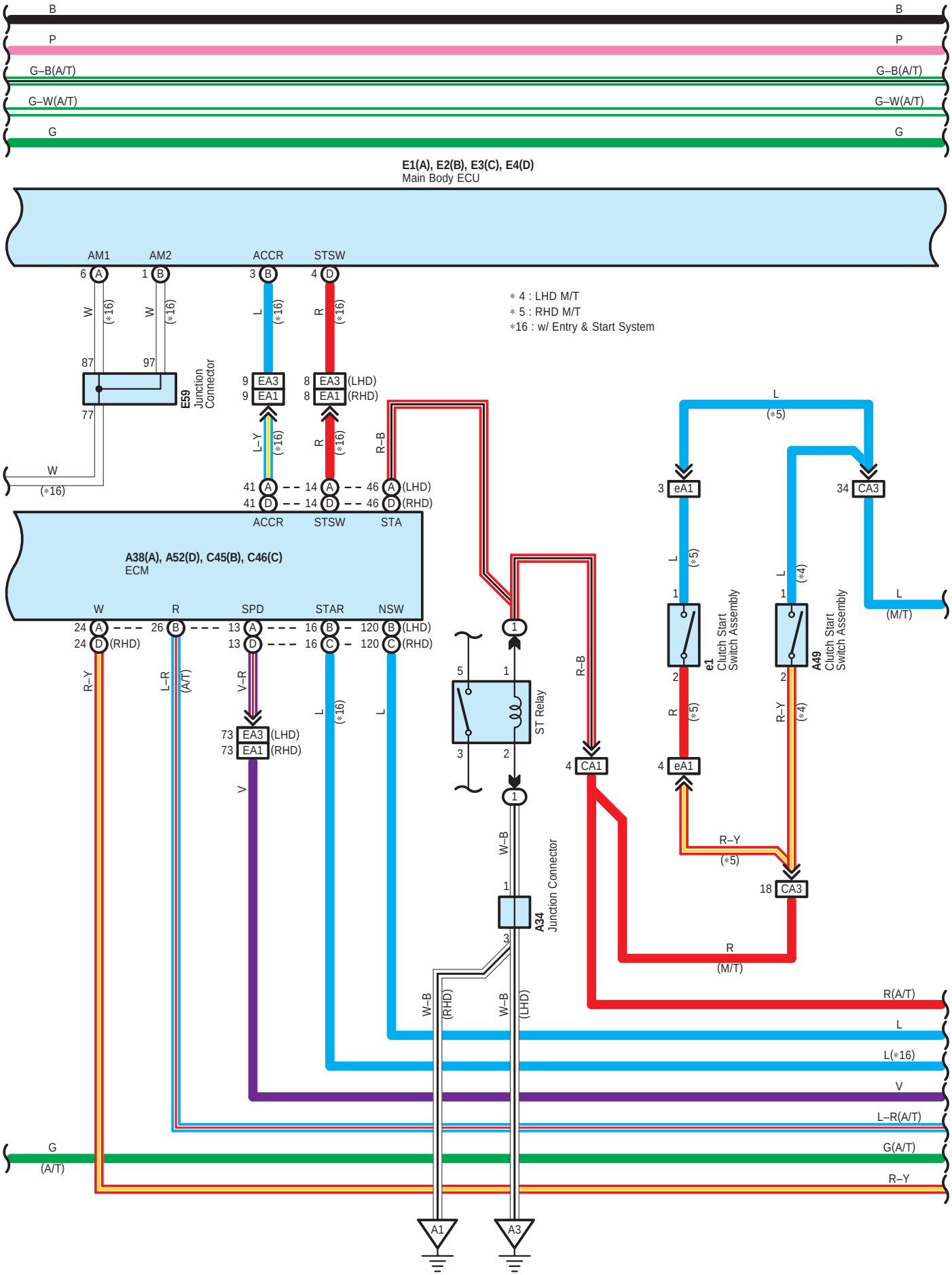


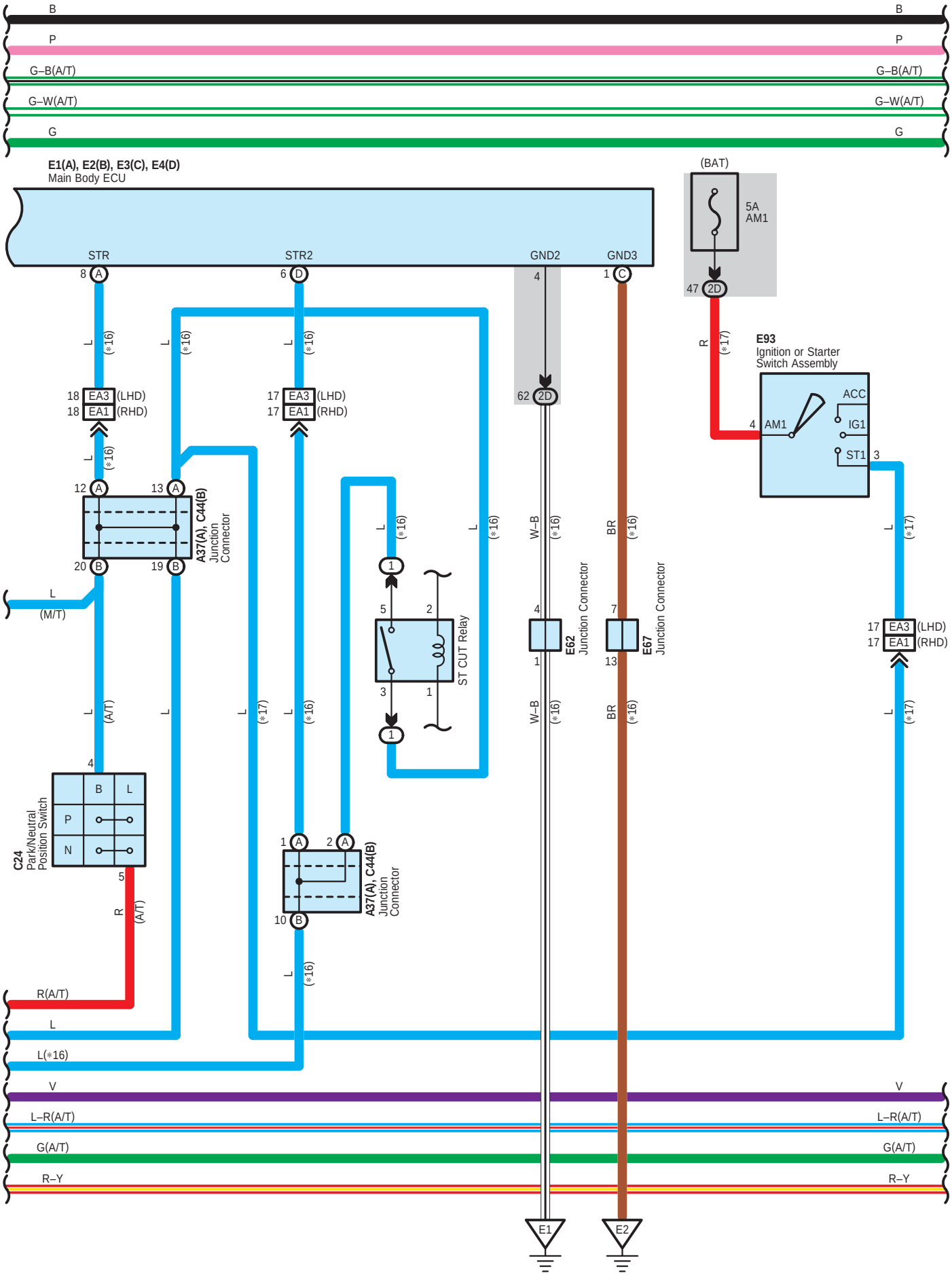

E96
Transponder Key ECU Assembly
EFIO
EFII
13
12
E28
ID Code Box
6
5
E22
DLC3
TC
TAC
13
9
(BAT)
(IG)
15A STOP
10A IGN
R
(*17)
W
(*17)
R
(*16)
W
(*16)
V
(*15)
V
(*14)
W
12
22
E60 Junction Connector
43
53
E58 Junction Connector
L–B
B
2
4
A30 Stop Light Switch Assembly
1
3
28 EA3
28 EA1
27 EA3 (LHD)
27 EA1 (RHD)
76 EA3
76 EA1
74 EA3 (LHD)
74 EA1 (RHD)
R–G
W–R
V–W
W–G
R
R–W
11 A
11 D
10 A
10 D
16 A
16 D
15 A
15 D
36 A
36 D
35 A (LHD)
35 D (RHD)
IMI
IMO
TC
TACH
STP
ST1–
A38(A), A52(D), C45(B), C46(C)
ECM
NE+
NE–
KNK1
EKNK
KNK2
EKN2
110 B
110 C
111 B
111 C
94 B
94 C
93 B
93 C
117 B
117 C
116 B (LHD)
116 C (RHD)
BR
(*1)
B
W
G
R
2
1
C1 Crankshaft Position Sensor
2 CU1
5 CU1
1 CU1
4 CU1
6 CU1
1
2
U2 Knock Control Sensor (Bank 1)
U1 Knock Control Sensor (Bank 2)
BR
(A/T)
BR
(A/T)

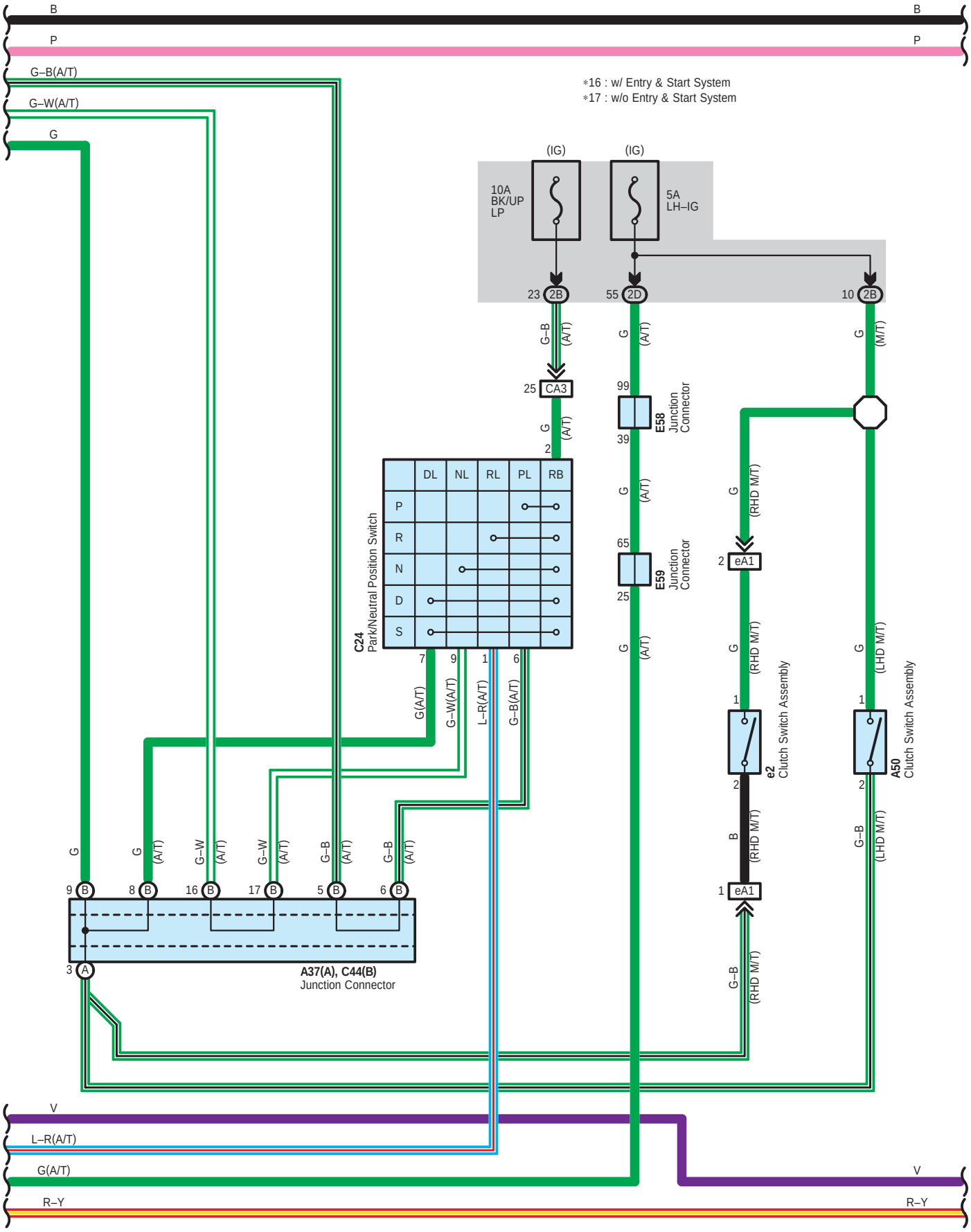

A27(A)
Four Wheel Drive Control ECU
L4
NP
E36(B), E81(C)
A/C Amplifier Assembly
ACT
AC1
D4(B)
Generator Assembly
M
A37(A)
Junction Connector
C43
Junction Connector
EA3
EA1
AD1
CA2
(LHD)
(RHD)
A38(A), A52(D), C45(B), C46(C)
ECM
THO1
THO2
S1
S2
SR
SLT+
SLT–
SLU+
SLU–
SL1+
SL1–
SL2+
SL2–
OT+
OT2+
OT–
OT2–
C34
Electronically Controlled Transmission Solenoid
BR
(A/T)
∗2 : w/ Rear A/C
∗3 : w/o Rear A/C

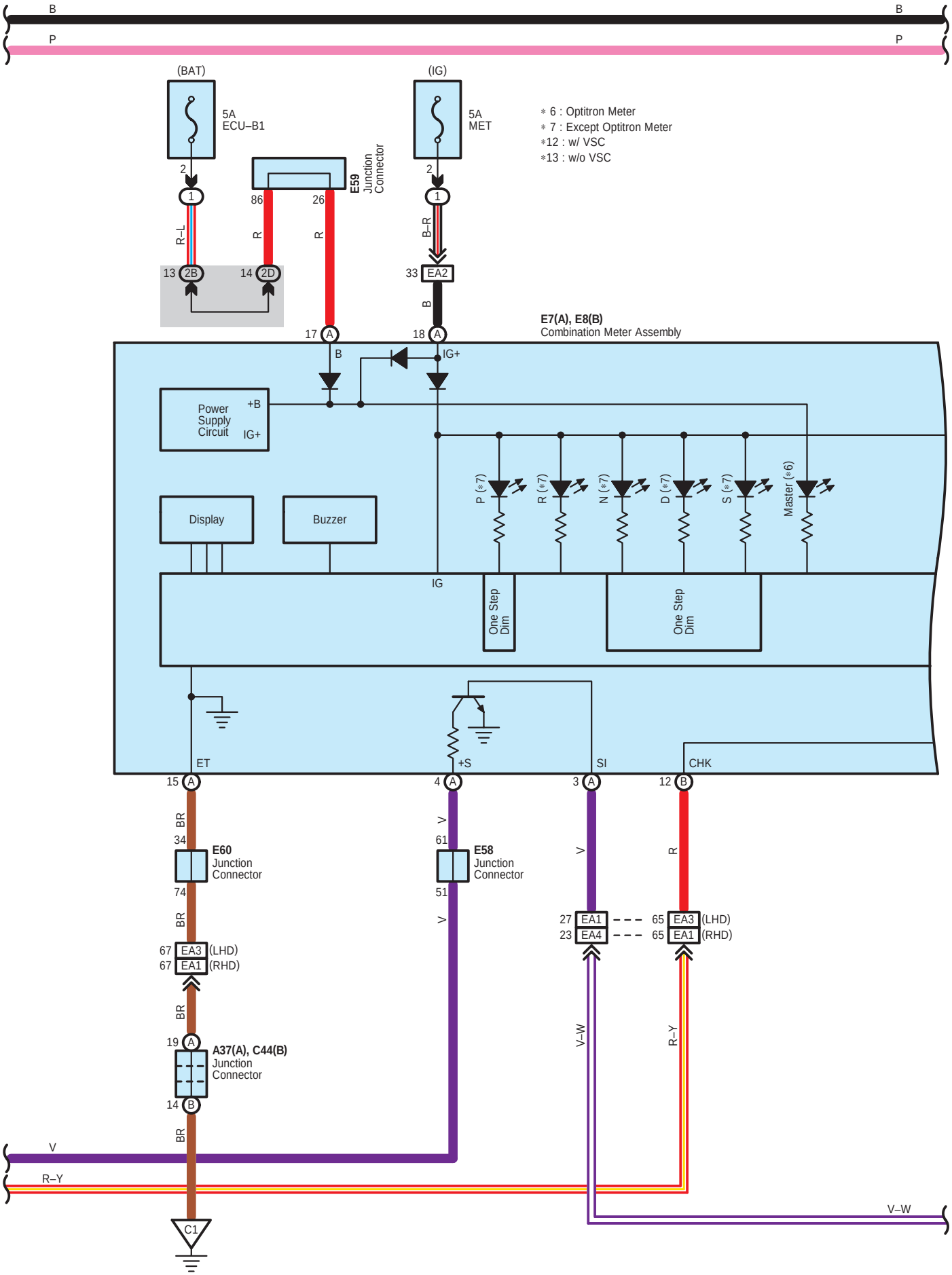

B
P
G–B(A/T)
G–W(A/T)
G
C35
Transmission Revolution Sensor (Turbine)
C36
Transmission Revolution Sensor (Counter Gear)
Y (A/T)
B (A/T)
124 B NT+
123 B NT–
101 B SP2+
100 B (LHD) SP2–
11 A 11 D CANL
10 A 10 D (RHD) CANH
2 B P
25 B N
27 B (LHD) 27 C (RHD) D
A38(A), A52(D), C45(B), C46(C)
ECM
CCS
45 A (LHD) 45 D (RHD)
14 EA3 (LHD) 14 EA1 (RHD)
E12(A), z37(D)
Spiral Cable Sub–Assembly
CCS
ECC
ON–OFF
+ RES
– SET
CANCEL
z37(D)
Cruise Control Main Switch
E60
Junction Connector
67 EA3 (LHD) 67 EA1 (RHD)
A37(A), C44(B)
Junction Connector
E02
E1
ME01
E01
E03
E04
E05
EC
42 B 42 C
81 B 81 C
82 B 82 C
43 B 43 C
46 B 46 C
23 B 23 C
21 B 21 C
31 A (LHD) 31 D (RHD)
W–B
BR
L
C1
C2
A4
A2

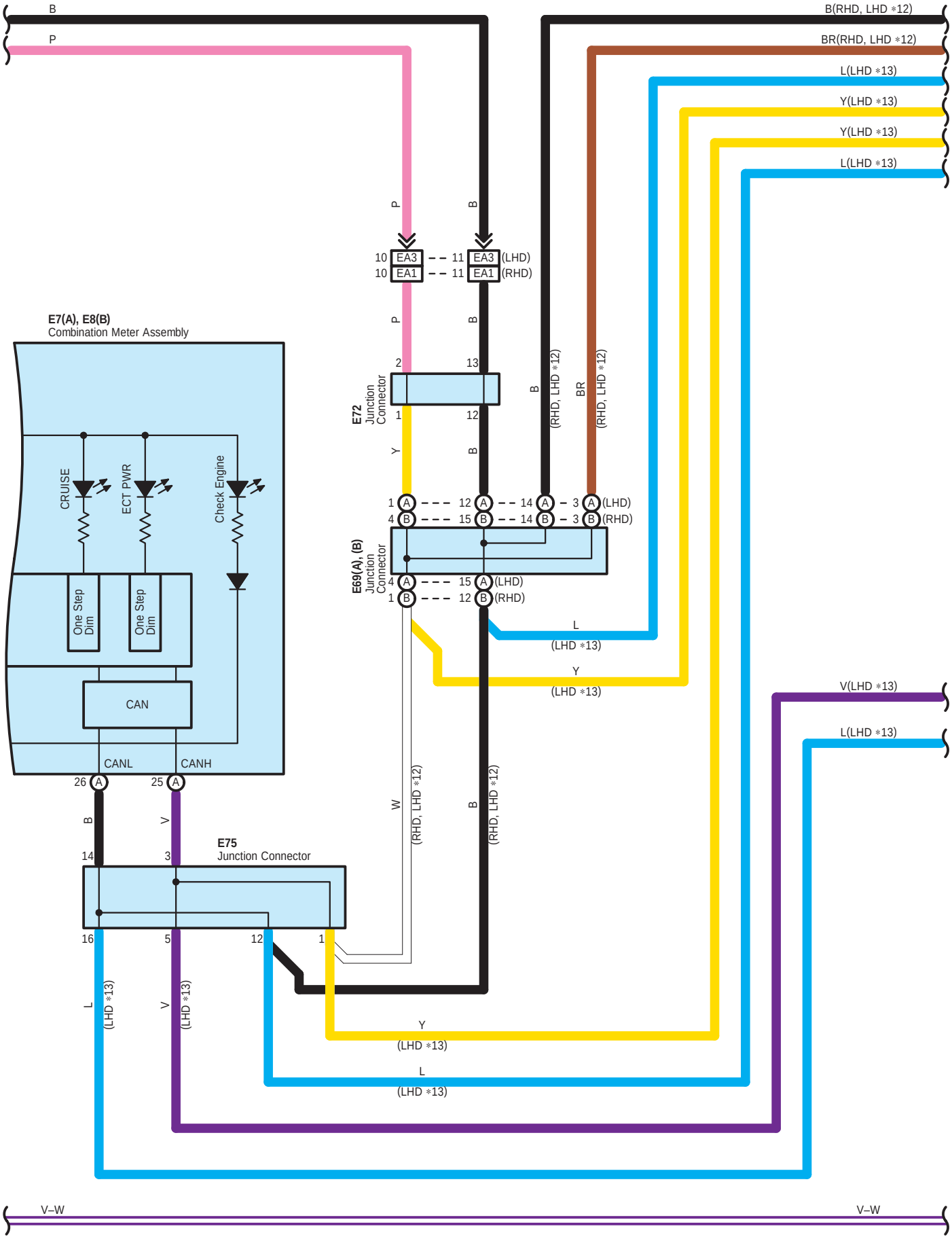

B
P
G–B(A/T)
G–W(A/T)
G
(BAT)
5A
AM2
25A
DOOR
NO. 2
25A
DOOR
NO. 1
(IG)
10A
ECU–IG
No. 2
(ACC)
7. 5A
ACC
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
ACC
IG
ALTB
BATB
22
15
6
2
36 EA2
20 2B
(∗16)
A38(A), A52(D), C45(B), C46(C)
ECM
PWR
SNWI
SFTU
SFTD
S
51
4
38
27
25 (LHD)
37 EA3
38 EA3
35 EA3
34 EA3
36 EA3
8 VE3
9 VE3
1 VE3
16
20
17
1
2
5
3
7
12
9
79
19
E58 Junction Connector
E59 Junction Connector
E60 Junction Connector
E66 Junction Connector
E52 Transmission Control Switch
V4 Suspension Control Switch
ECT Switch
E
2ND
SFTU
SFTD
IG
S
E2
L–B
R
Y
L
W
W–B
G
(A/T)

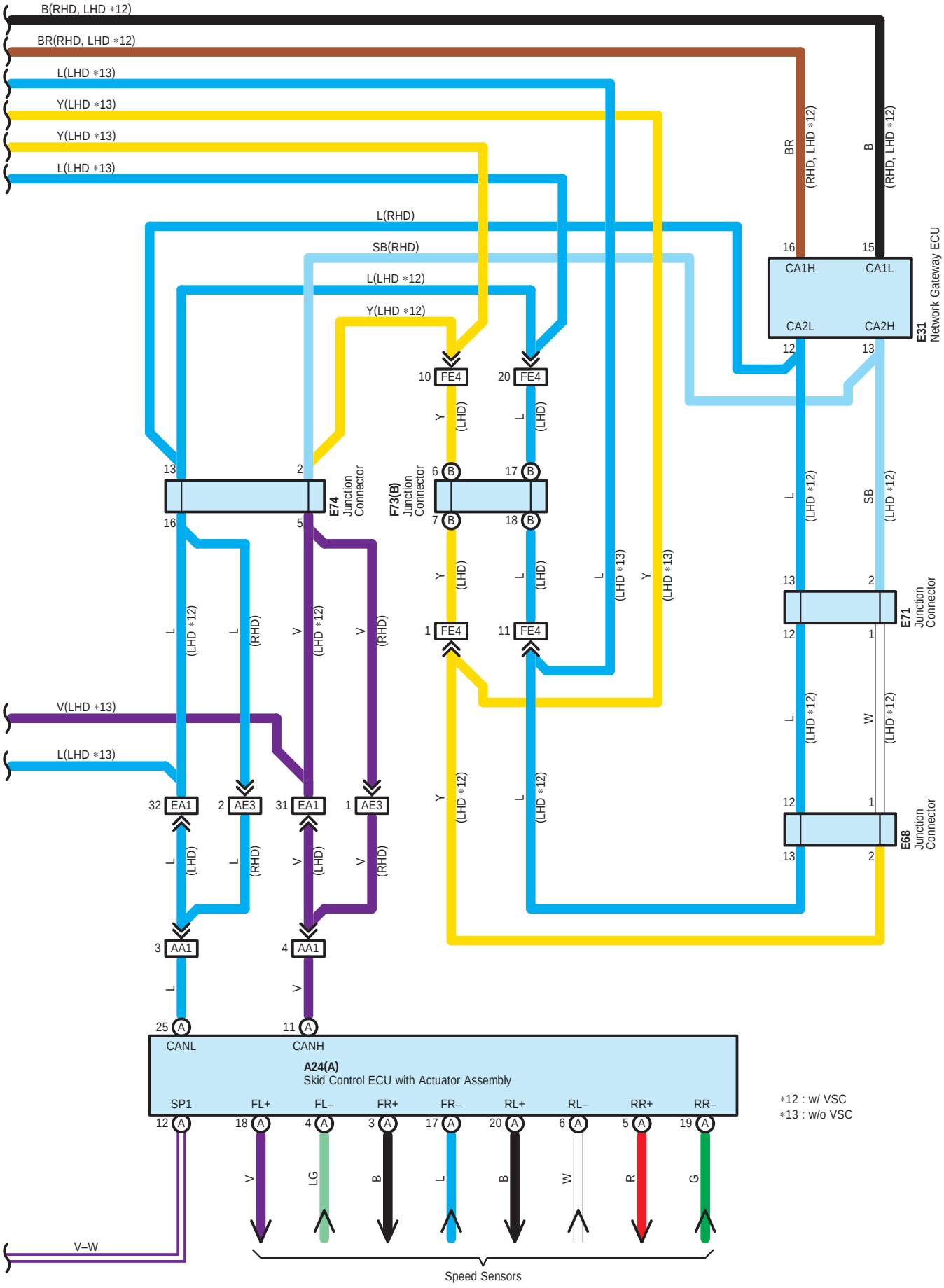

B
P
G–B(A/T)
G–W(A/T)
G
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
AM1
AM2
ACCR
STSW
∗ 4 : LHD M/T
∗ 5 : RHD M/T
∗16 : w/ Entry & Start System
E59 Junction Connector
A38(A), A52(D), C45(B), C46(C)
ECM
ACCR
STSW
STA
W
R
SPD
STAR
NSW
ST Relay
e1 Clutch Start Switch Assembly
A49 Clutch Start Switch Assembly
A34 Junction Connector
R(A/T)
L
L(∗16)
V
L–R(A/T)
G(A/T)
R–Y
A1
A3


B
P
G–B(A/T)
G–W(A/T)
G
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
STR
STR2
GND2
GND3
(BAT)
5A
AM1
E93
Ignition or Starter
Switch Assembly
ACC
IG1
ST1
AM1
A37(A), C44(B)
Junction
Connector
ST CUT Relay
E62
Junction Connector
E67
Junction Connector
C24
Park/Neutral
Position Switch
EA3 (LHD)
EA1 (RHD)
L
(M/T)
(A/T)
R(A/T)
L(*16)
V
L–R(A/T)
G(A/T)
R–Y
E1
E2

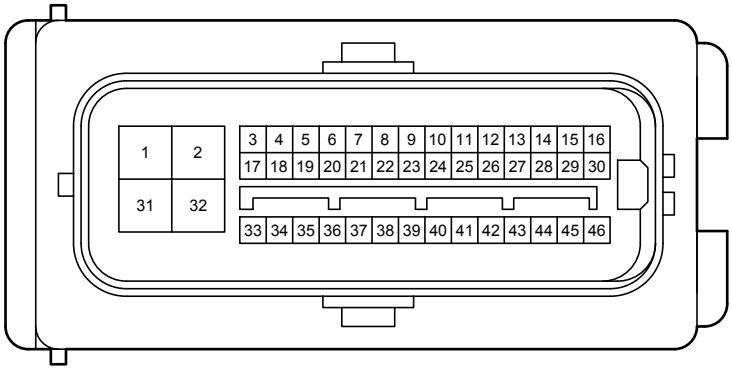

B
P
G–B(A/T)
G–W(A/T)
G
∗16 : w/ Entry & Start System
∗17 : w/o Entry & Start System
(IG)
(IG)
10A
BK/UP
LP
5A
LH–IG
23 2B
55 2D
10 2B
G–B (A/T)
G (A/T)
G (M/T)
25 CA3
99
E58
Junction
Connector
39
G (A/T)
65
E59
Junction
Connector
25
G (A/T)
2
C24
Park/Neutral Position Switch
DL
NL
RL
PL
RB
P
R
N
D
S
7
9
1
6
G(A/T)
G–W(A/T)
L–R(A/T)
G–B(A/T)
G (RHD M/T)
2 eA1
G (RHD M/T)
1
2
e2
Clutch Switch Assembly
B (RHD M/T)
1 eA1
G–B (RHD M/T)
G (LHD M/T)
1
2
A50
Clutch Switch Assembly
G–B (LHD M/T)
G
G (A/T)
G–W (A/T)
G–W (A/T)
G–B (A/T)
G–B (A/T)
9 B
8 B
16 B
17 B
5 B
6 B
3 A
A37(A), C44(B)
Junction Connector
V
L–R(A/T)
G(A/T)
V
R–Y
R–Y


B
P
(BAT)
(IG)
5A
ECU–B1
5A
MET
∗ 6 : Optitron Meter
∗ 7 : Except Optitron Meter
∗12 : w/ VSC
∗13 : w/o VSC
E59
Junction
Connector
R–L
B–R
13 2B
14 2D
33 EA2
17 A
18 A
E7(A), E8(B)
Combination Meter Assembly
Power
Supply
Circuit
+B
IG+
Display
Buzzer
P (∗7)
R (∗7)
N (∗7)
D (∗7)
S (∗7)
Master (∗6)
IG
One Step
Dim
ET
+S
SI
CHK
15 A
4 A
3 A
12 B
E60
Junction
Connector
E58
Junction
Connector
67 EA3 (LHD)
67 EA1 (RHD)
27 EA1
23 EA4
65 EA3 (LHD)
65 EA1 (RHD)
19 A
A37(A), C44(B)
Junction
Connector
14 B
V–W
R–Y
C1

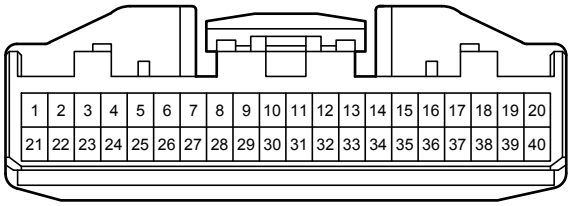

B
P
B(RHD, LHD *12)
BR(RHD, LHD *12)
L(LHD *13)
Y(LHD *13)
Y(LHD *13)
L(LHD *13)
E7(A), E8(B)
Combination Meter Assembly
CRUISE
ECT PWR
Check Engine
One Step Dim
One Step Dim
CAN
CANL
CANH
26 A
25 A
B
V
E75
Junction Connector
14
3
16
5
12
1
L (LHD *13)
V (LHD *13)
W (RHD, LHD *12)
B (RHD, LHD *12)
10 EA3 – 11 EA3 (LHD)
10 EA1 – 11 EA1 (RHD)
E72
Junction Connector
2
13
1
12
B (RHD, LHD *12)
BR (RHD, LHD *12)
1 A – 12 A – 14 A – 3 A (LHD)
4 B – 15 B – 14 B – 3 B (RHD)
E69(A), (B)
Junction Connector
4 A – 15 A (LHD)
1 B – 12 B (RHD)
L (LHD *13)
Y (LHD *13)
V(LHD *13)
L(LHD *13)
Y (LHD *13)
L (LHD *13)
V–W
V–W


B(RHD, LHD *12)
BR(RHD, LHD *12)
L(LHD *13)
Y(LHD *13)
Y(LHD *13)
L(LHD *13)
L(RHD)
SB(RHD)
L(LHD *12)
Y(LHD *12)
V(LHD *13)
L(LHD *13)
V–W
E31 Network Gateway ECU
CA1H
CA1L
CA2L
CA2H
E74 Junction Connector
F73(B) Junction Connector
E71 Junction Connector
E68 Junction Connector
A24(A) Skid Control ECU with Actuator Assembly
CANL
CANH
SP1
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
Speed Sensors
*12 : w/ VSC
*13 : w/o VSC

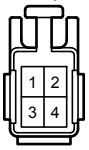
A 24
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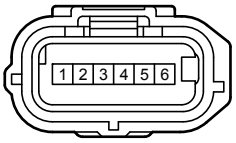
A 27
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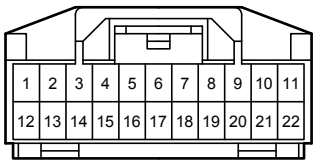
A 30
Gray



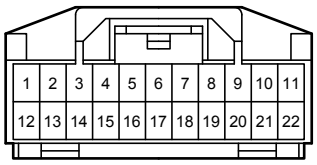
A 31
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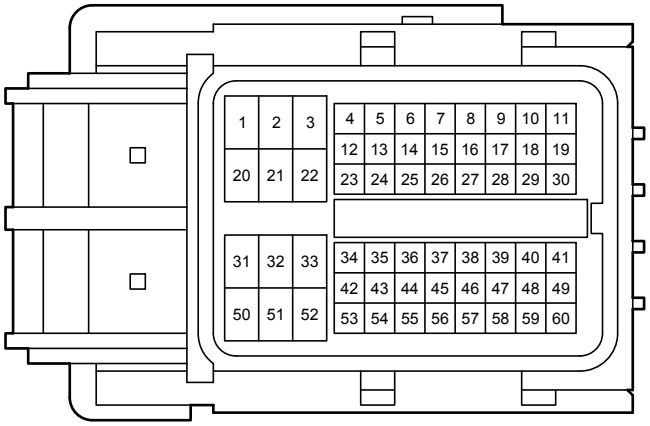
A 34
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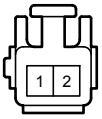
A 37
Blue



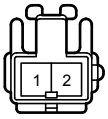
A 38
Black



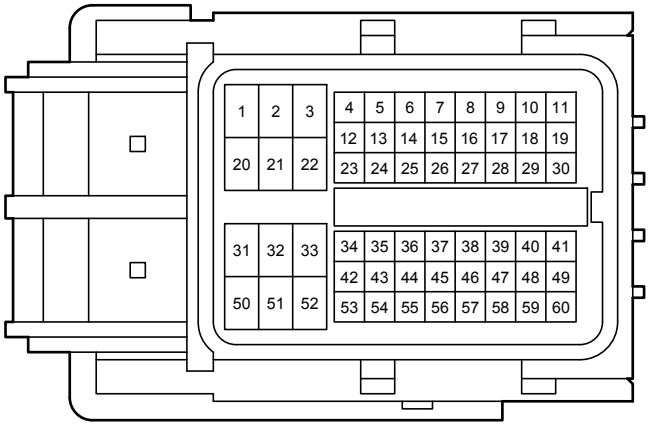
A 49
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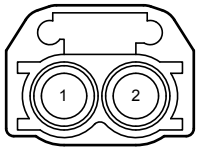
A 50
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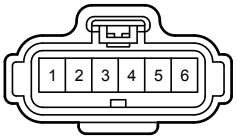
A 52
Black



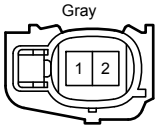
C 1
Black



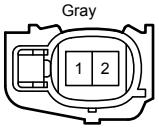
C 3
Black



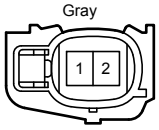
C 5
Gray



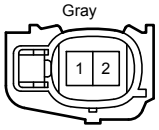
C 7
Gray



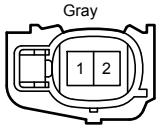
C 9
Gray



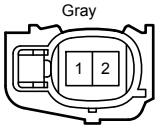
C 12
Gray



C 14
Gray



C 16
Gray



C 18
Dark Gray



C 20
Dark Gray



C 21
Dark Gray



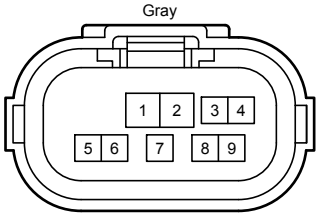
C 22
Dark Gray



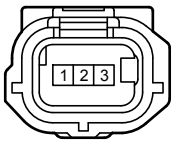
C 23
Dark Gray



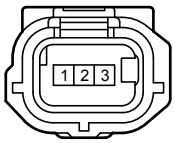
C 24
Gray



C 25
Black



C 26
Black



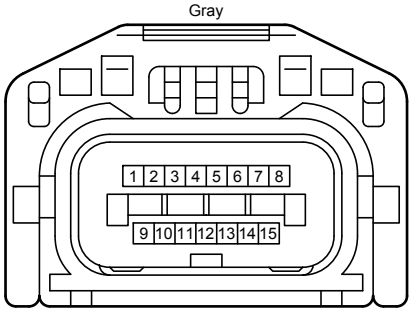
C 27
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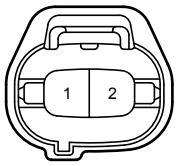
C 28
Black



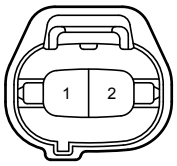
C 34
Gray



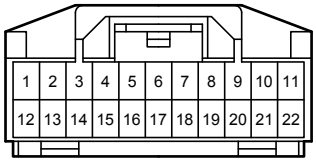
C 35
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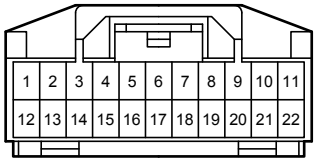
C 36
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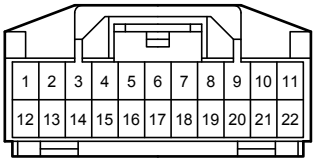
C 42
White



C 43
White

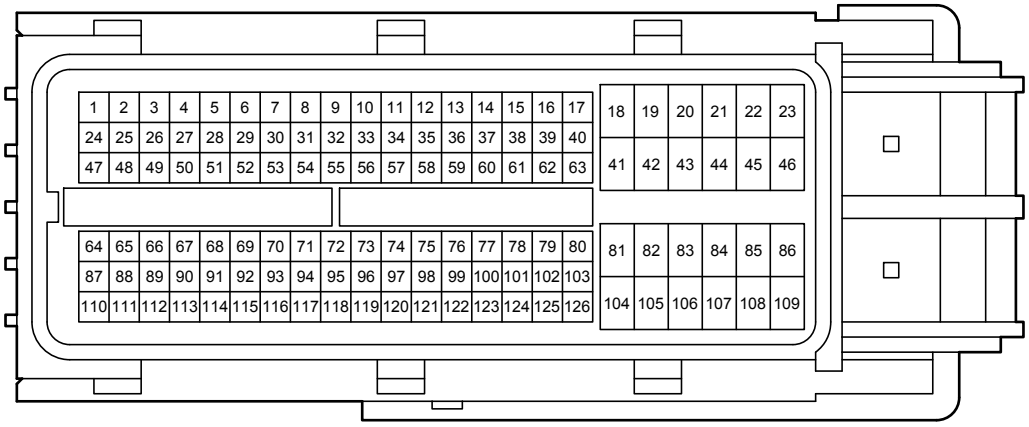


C 44
Blue



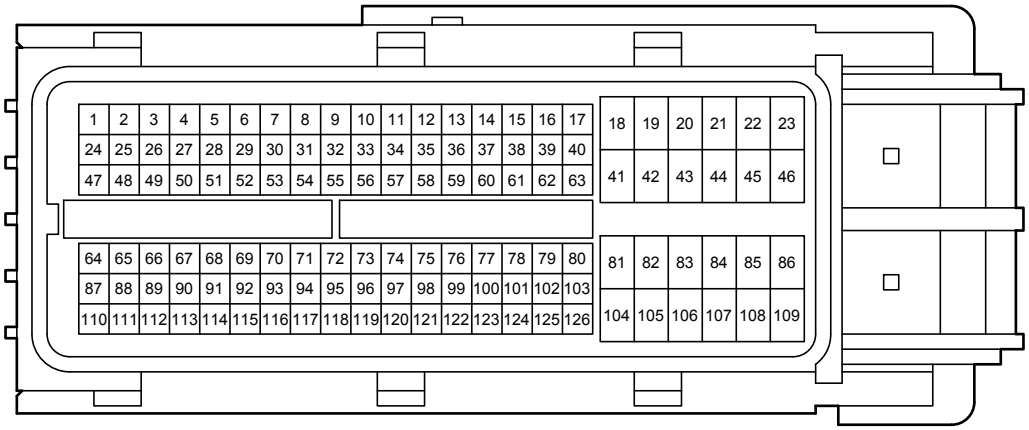
C 45

Black



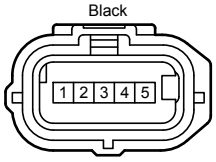
C 46

Black



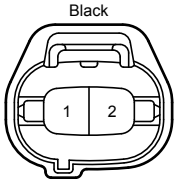
C 50

Black



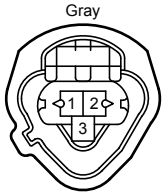
C 55

Black



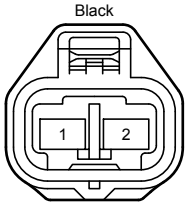
C 59

Gray



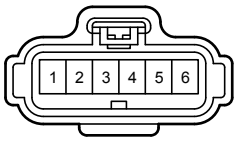
C 60

Black



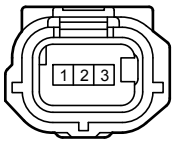
C 61

Black



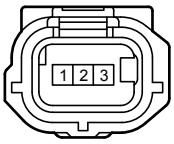
C121

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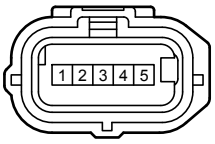
C122

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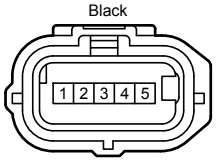
C137

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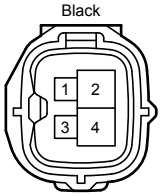
C138

Black



C139

Black



C169

Gray



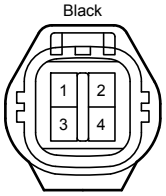
C170

Gray

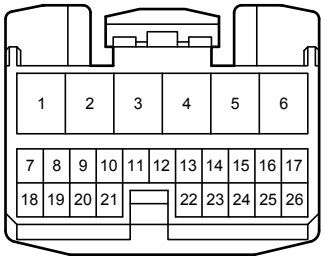


D 4

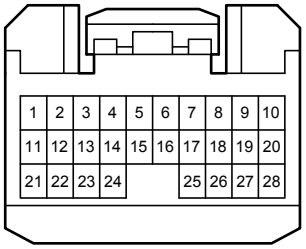
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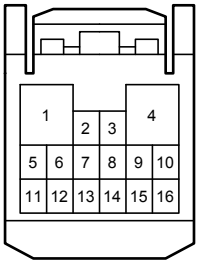
E 1
White



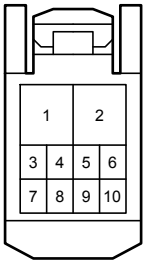
E 2
White



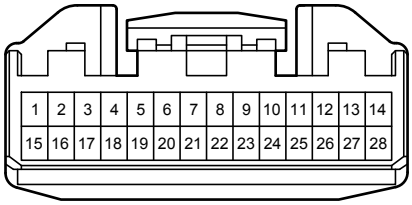
E 3
White



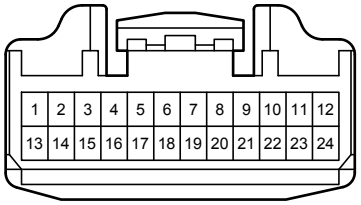
E 4
White



E 7
White



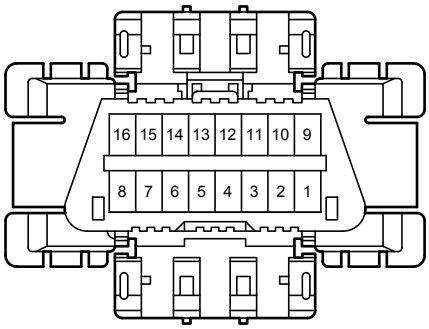
E 8
Black



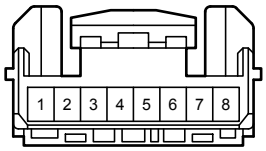
E 12
Black



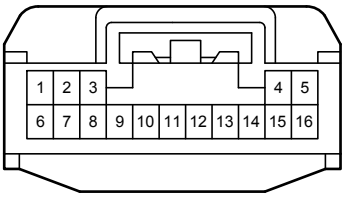
E 22
White



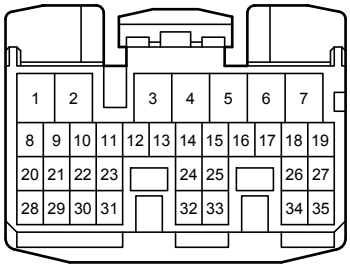
E 28
White



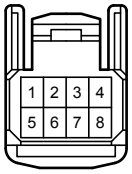
E 31
White



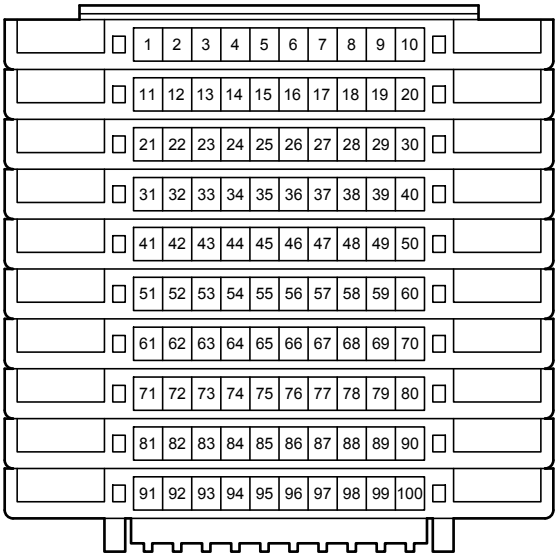
E 36
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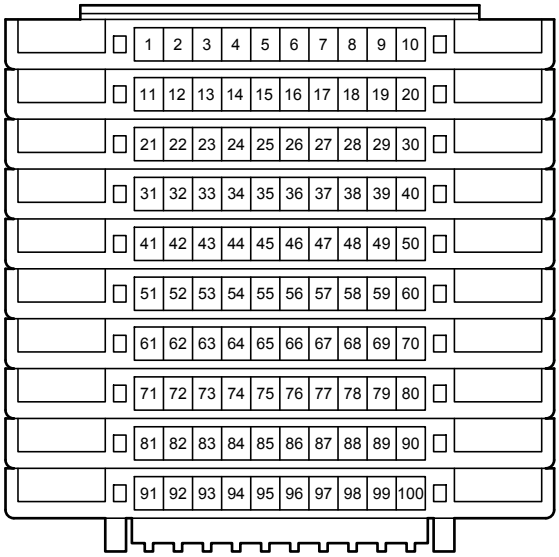
E 52
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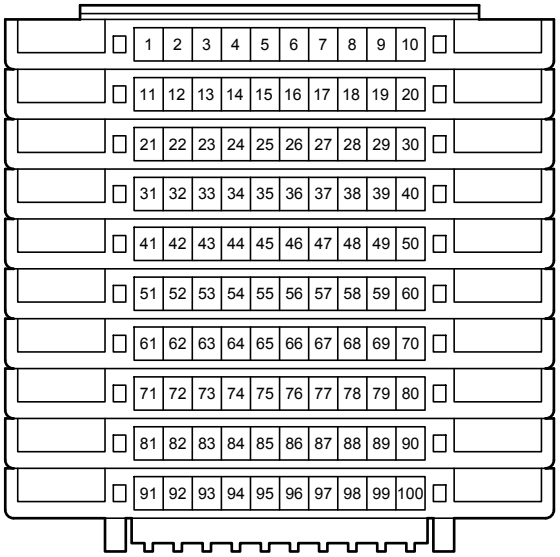
E 58



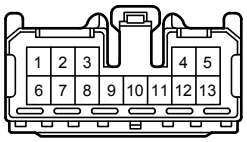
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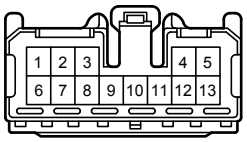
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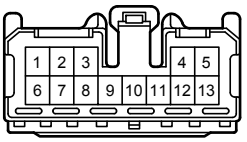
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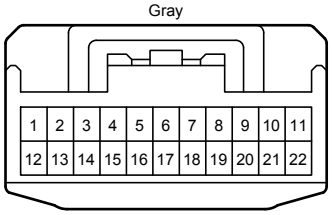
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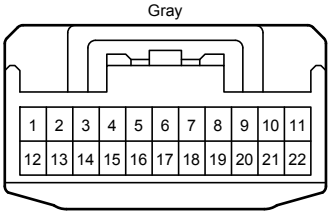
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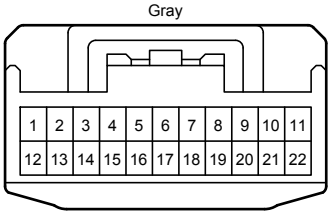
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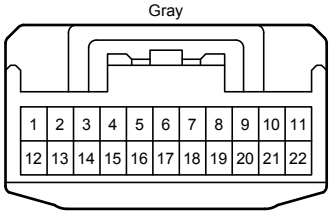
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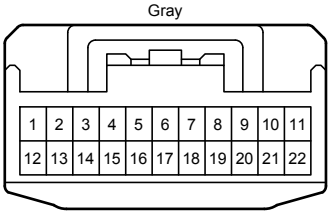
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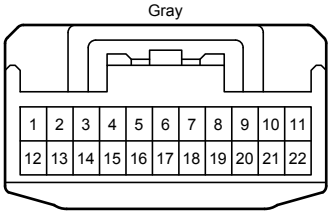
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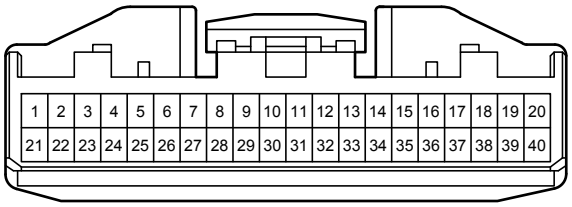
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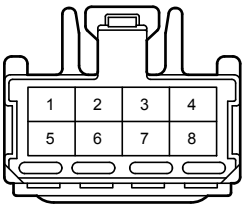
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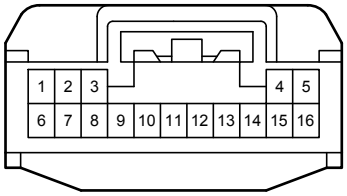
E 81
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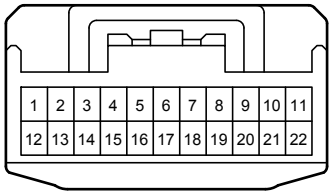
E 93
White



E 96
Black



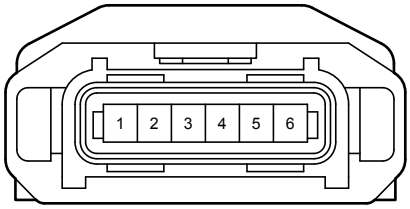
F 73
Blue



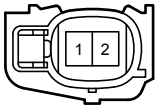
N 1
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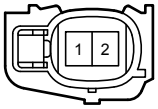
N 14
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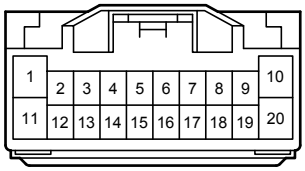
U 1
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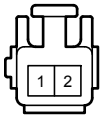
U 2
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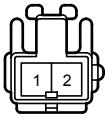
V 4
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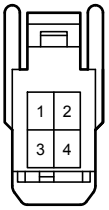
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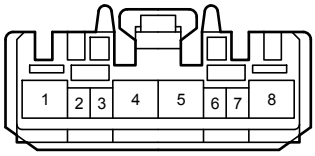
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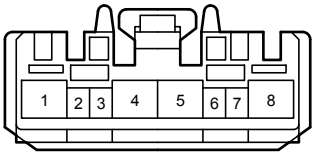
z 37
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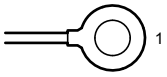
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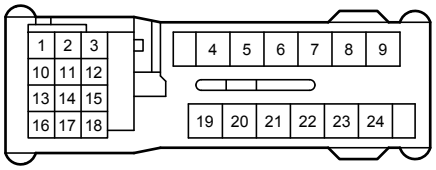
1B
White



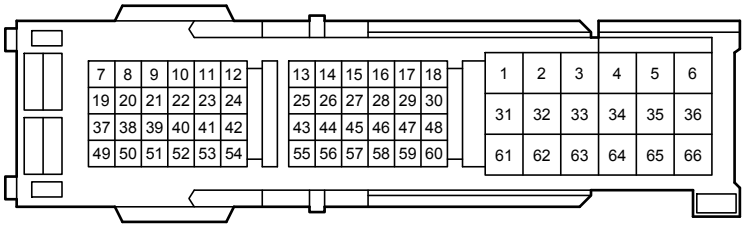
1F



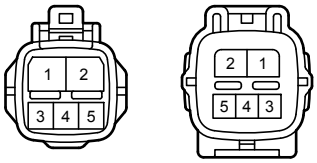
2B
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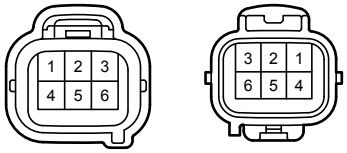
2D
White



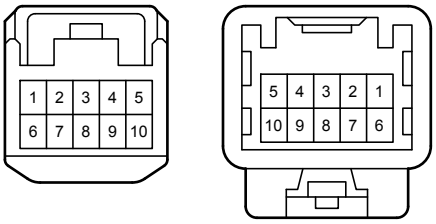
AA1
Gray



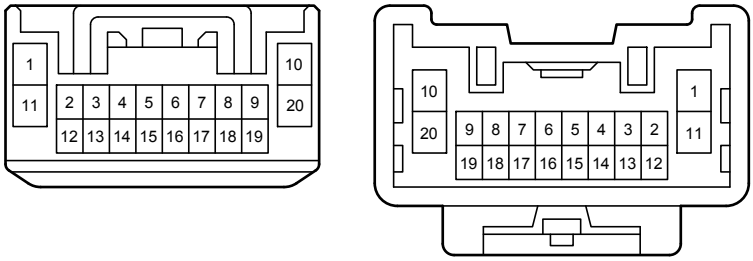
AD1
Black



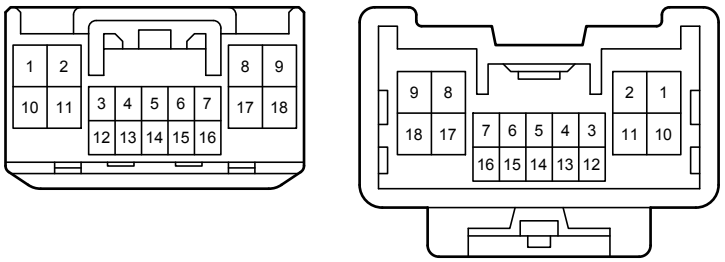
AE3
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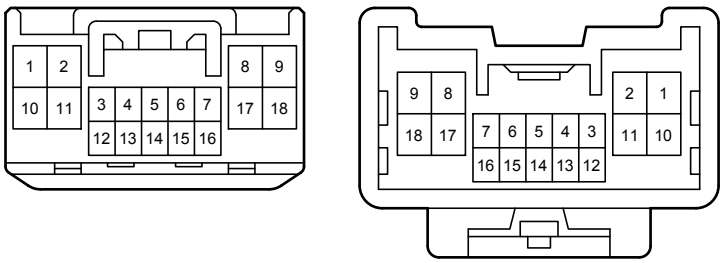
AK1
Blue



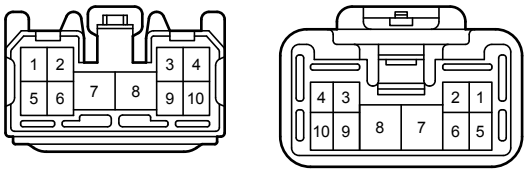
AK2
Gray



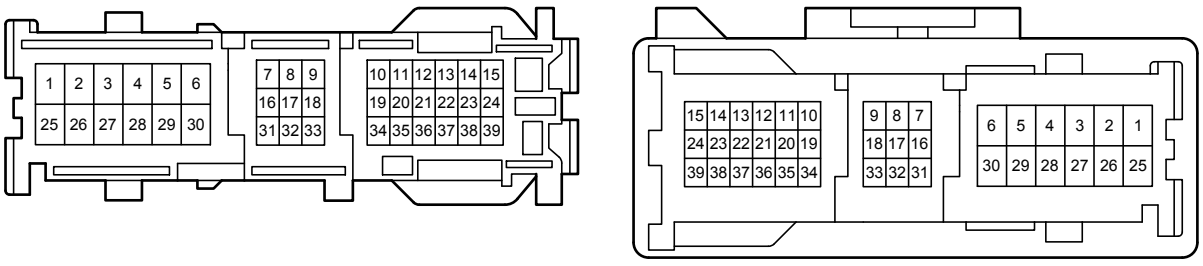
CA1
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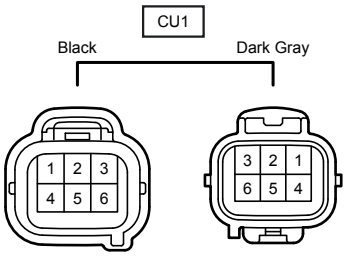


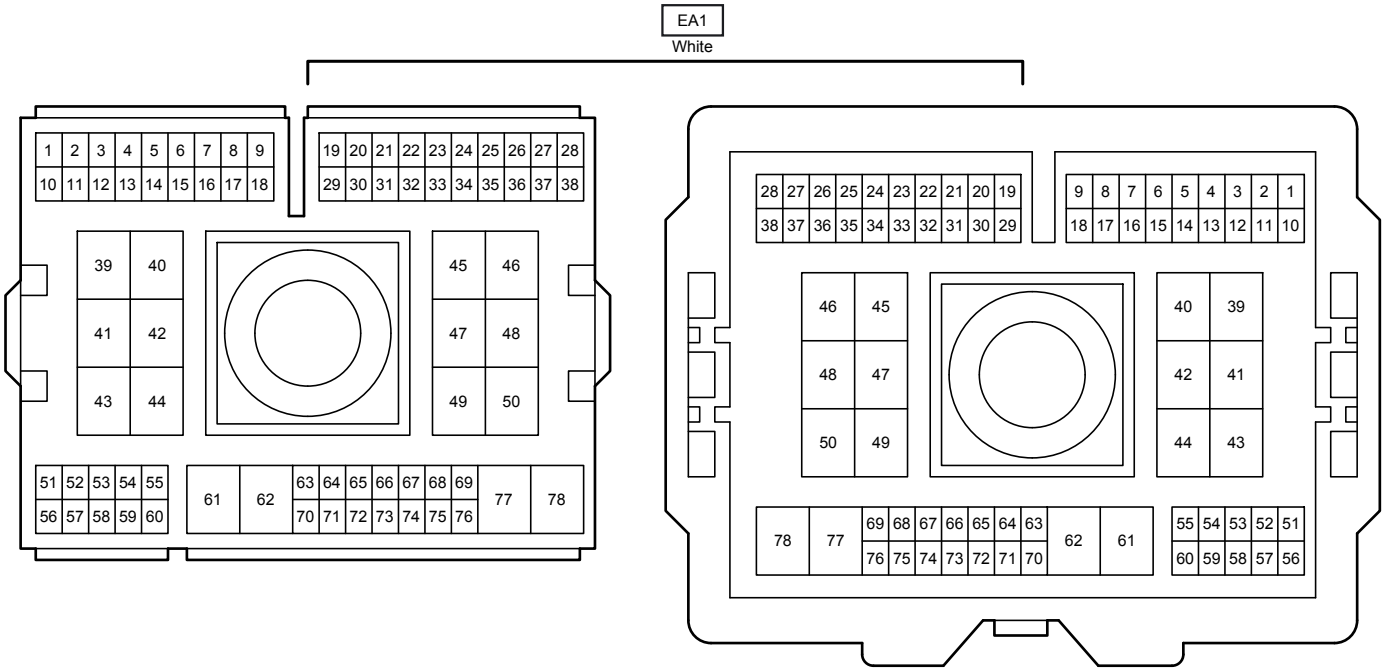
CA2
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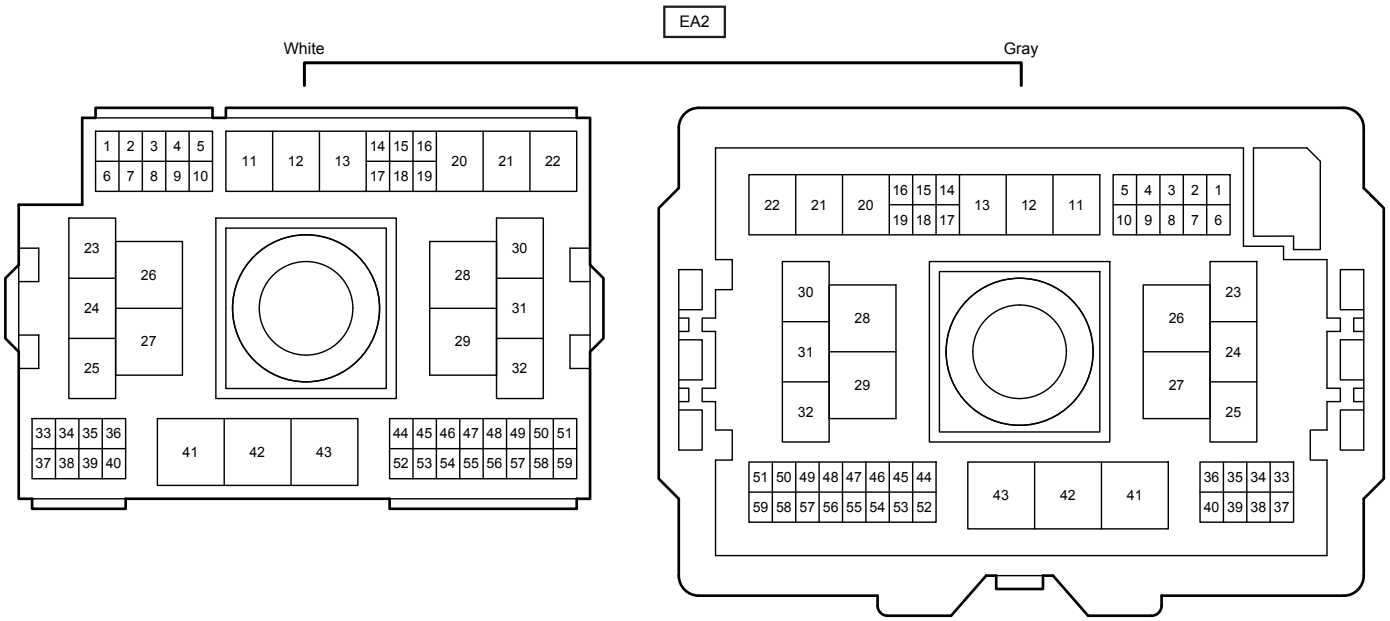


CA3
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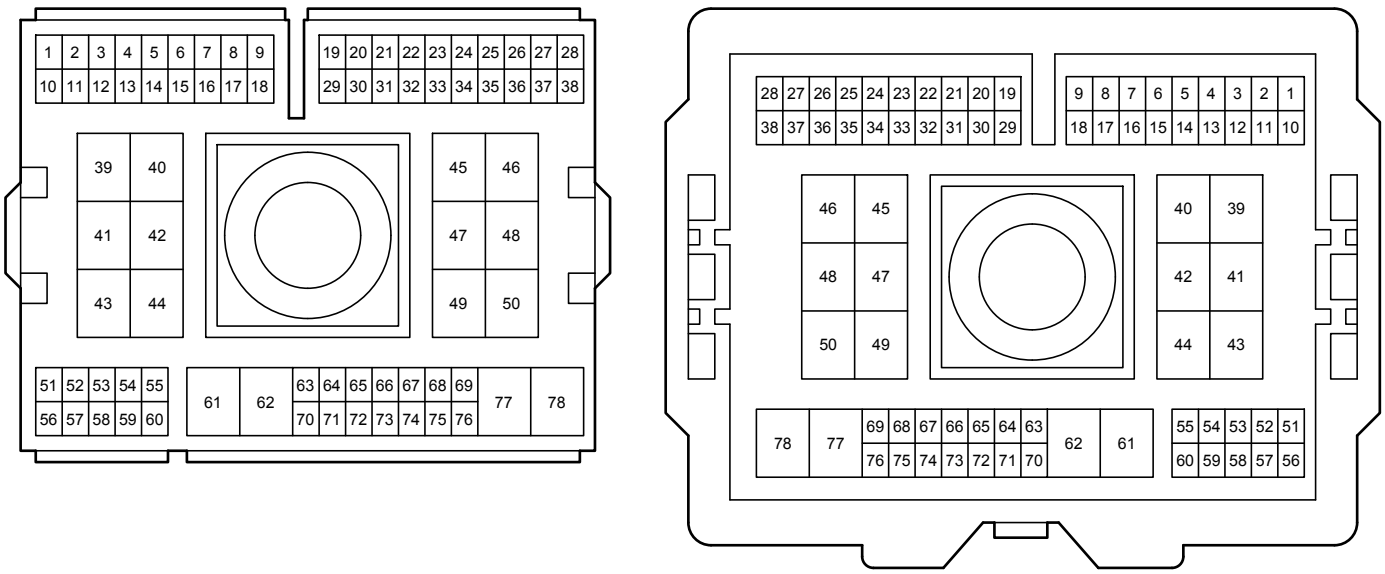



CU1
Black
Dark Gray
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4 5 6
3 2 1
6 5 4

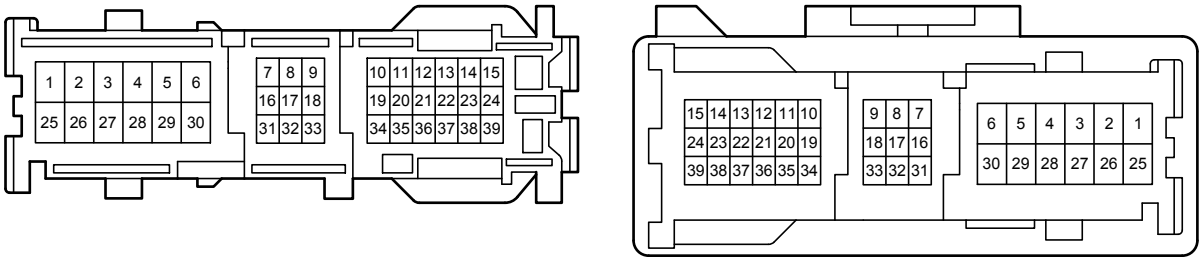

EA1
White
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29 30 31 32 33 34 35 36 37 38
39 40
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47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45
48 47
50 49
40 39
42 41
44 43
78 77
69 68 67 66 65 64 63
76 75 74 73 72 71 70
62 61
55 54 53 52 51
60 59 58 57 56


EA2
White
Gray
1 2 3 4 5
6 7 8 9 10
11 12 13
14 15 16
17 18 19
20 21 22
23
24
25
26
27
28
29
30
31
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33 34 35 36
37 38 39 40
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44 45 46 47 48 49 50 51
52 53 54 55 56 57 58 59
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16 15 14
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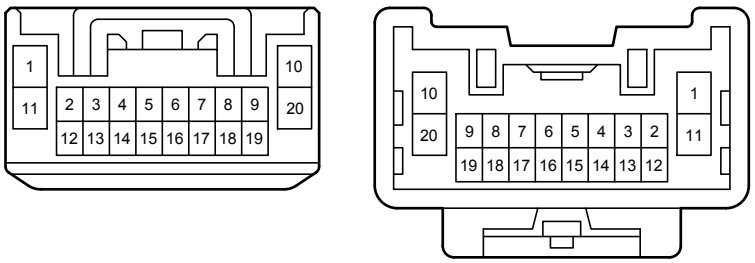
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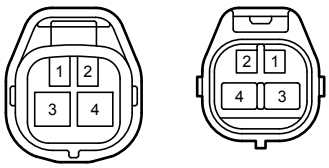
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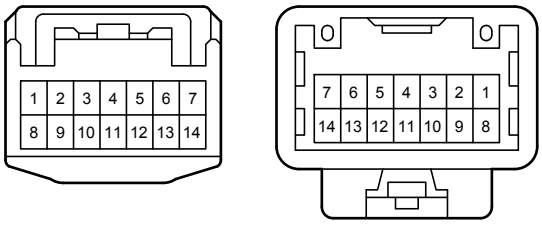
FE4
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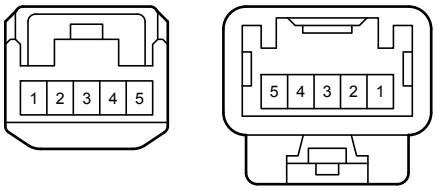
KN1
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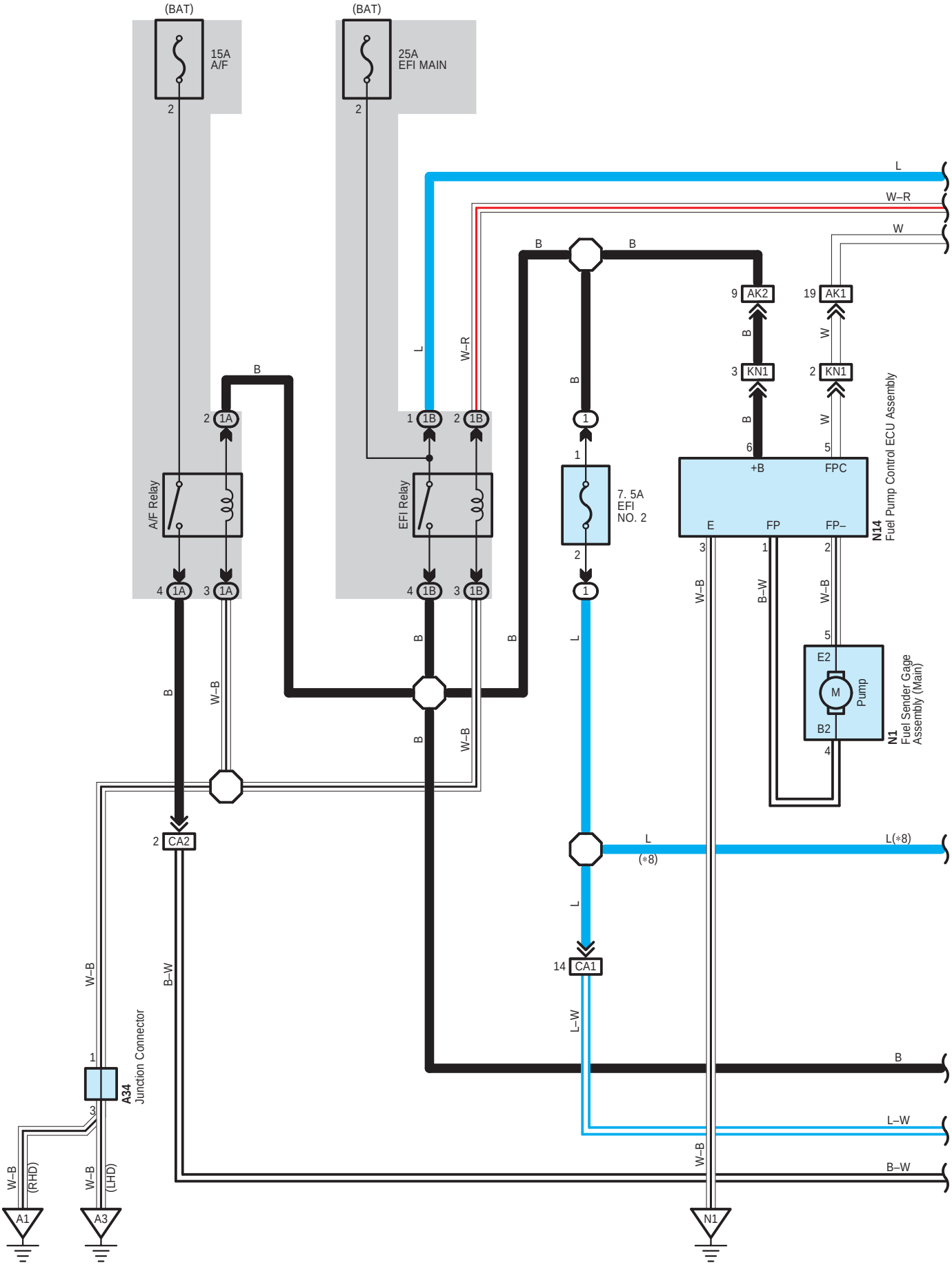


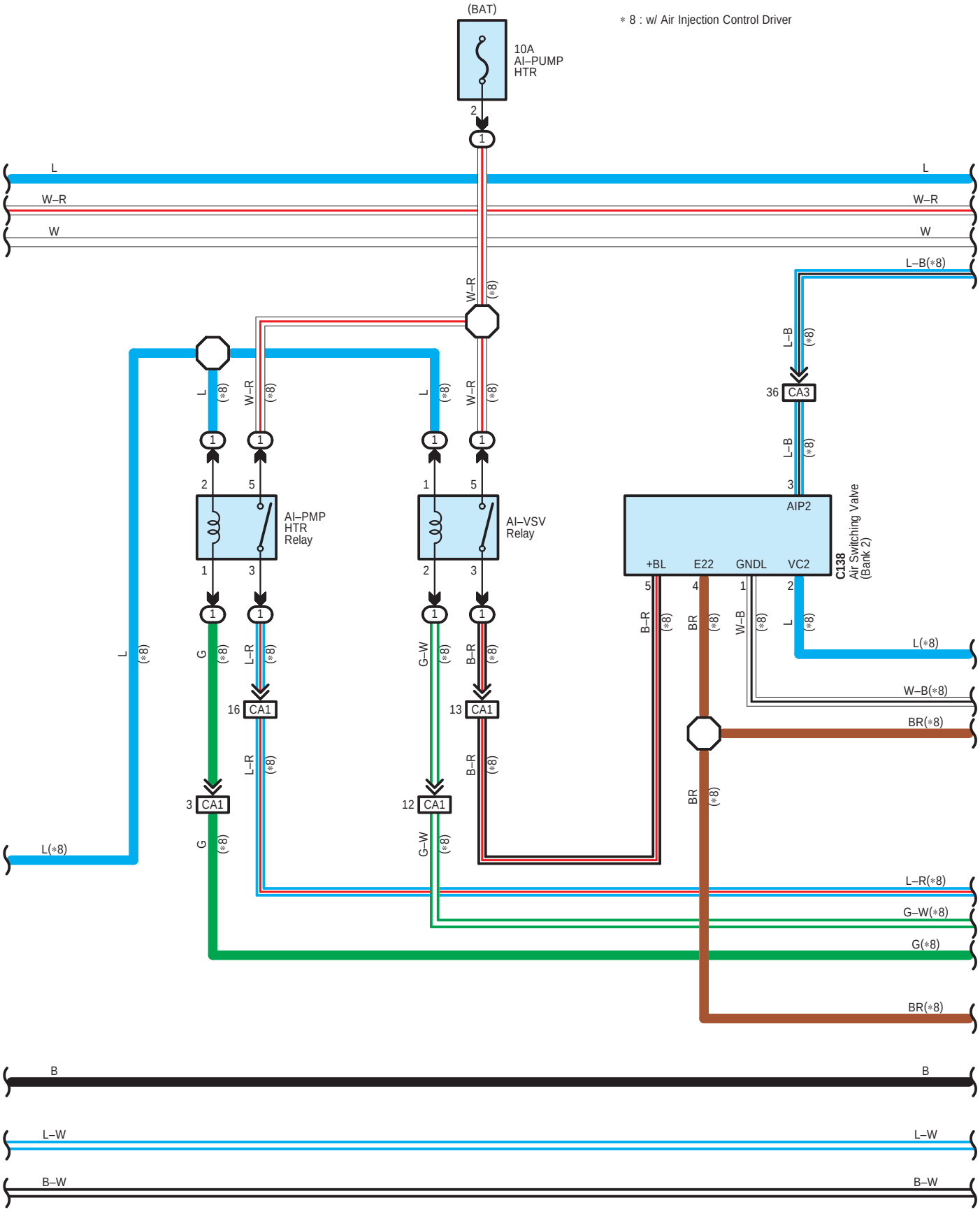
VE3
Gray

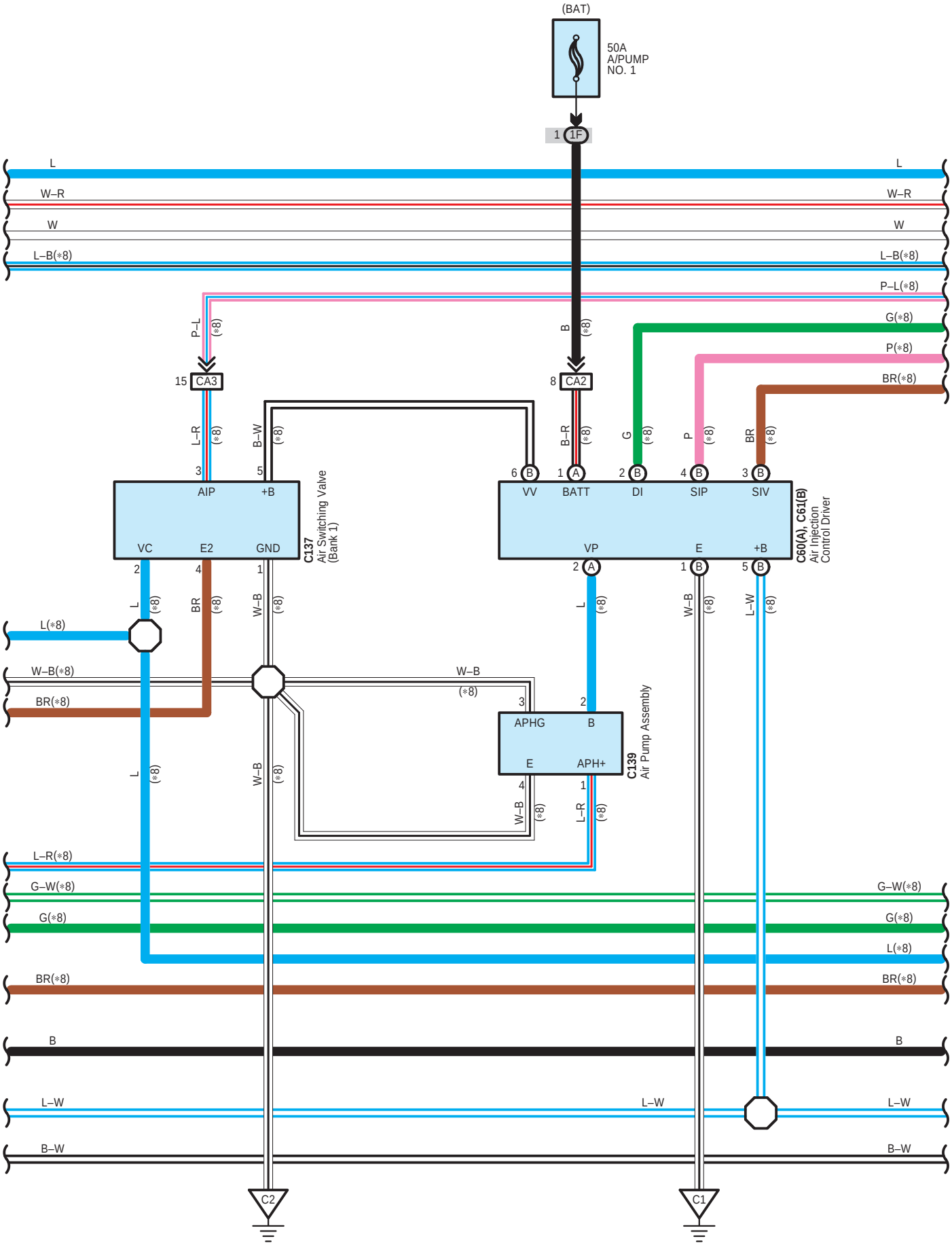


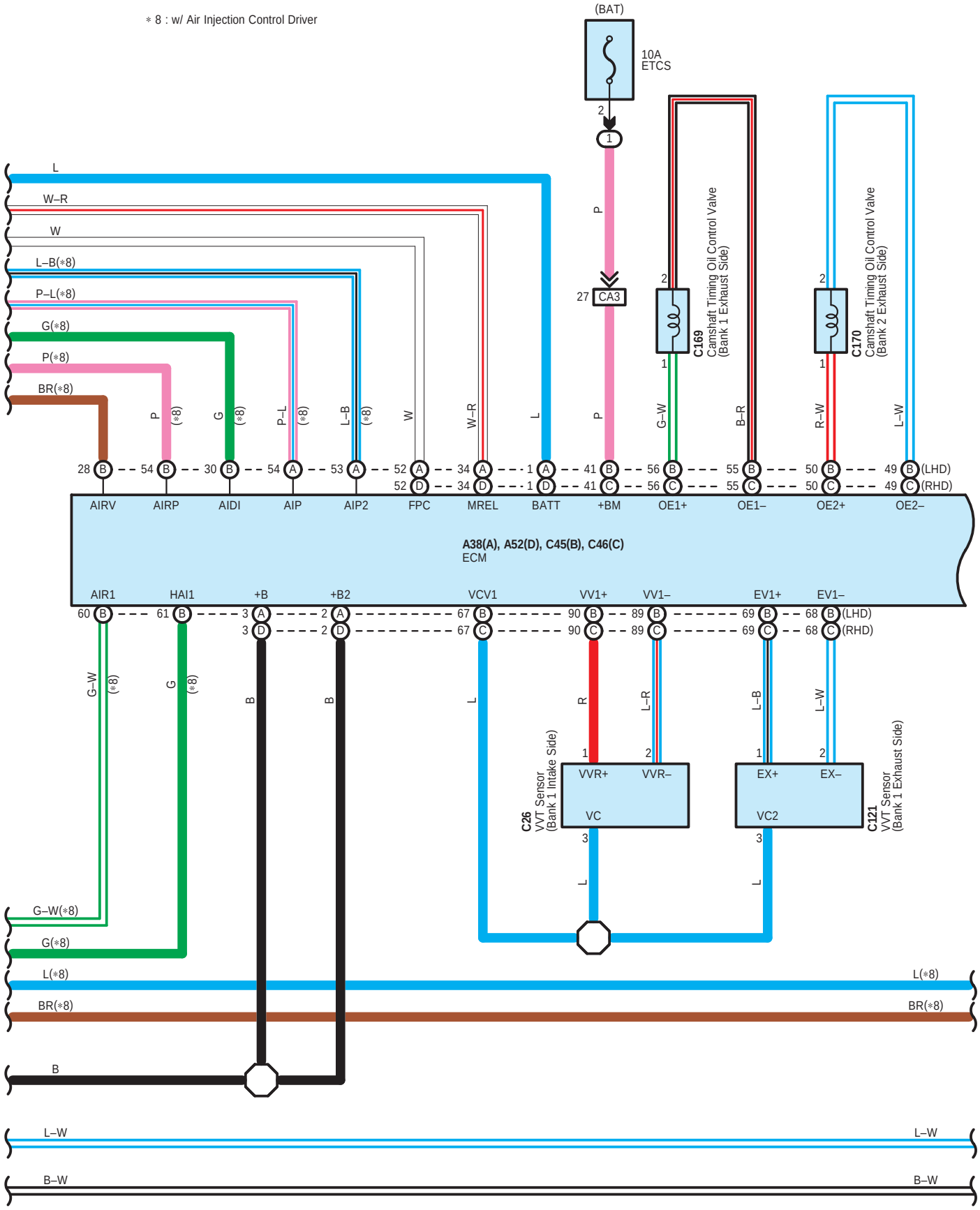
eA1
White

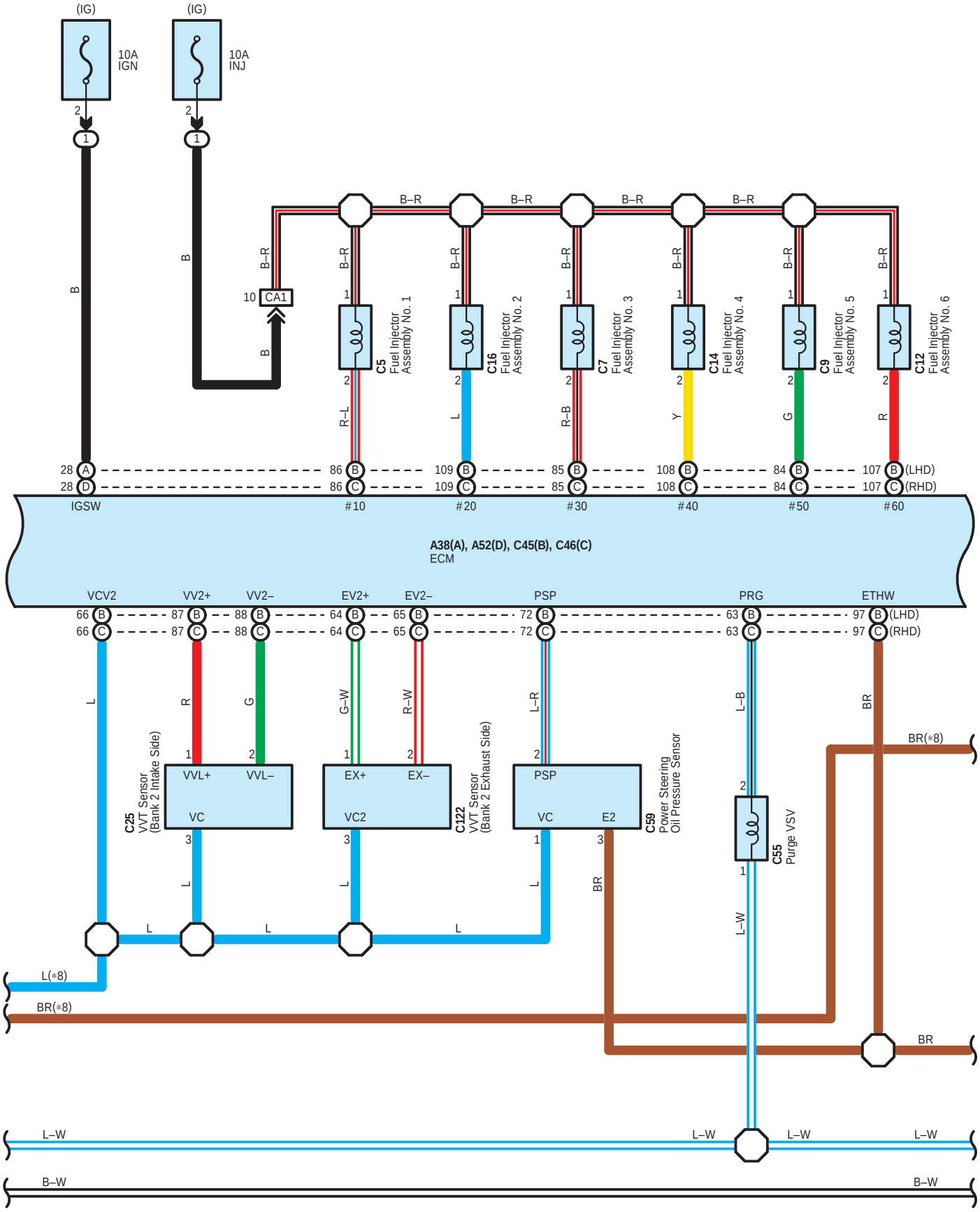



(BAT)
15A
A/F
2
(BAT)
25A
EFI MAIN
2
L
W–R
W
B
B
9 AK2
19 AK1
B
W
3 KN1
2 KN1
B
W
6
5
+B
FPC
E
FP
FP–
N14
Fuel Pump Control ECU Assembly
3
1
2
W–B
B–W
W–B
5
E2
M
Pump
B2
4
N1
Fuel Sender Gage
Assembly (Main)
2 1A
1 1B
2 1B
A/F Relay
EFI Relay
4 1A
3 1A
4 1B
3 1B
B
W–B
B
W–B
B
B
1
1
7. 5A
EFI
NO. 2
2
1
L
2 CA2
L
(*8)
L(*8)
L
14 CA1
L–W
B
L–W
W–B
B–W
W–B
1
3
A34
Junction Connector
W–B
(RHD)
W–B
(LHD)
A1
A3
N1

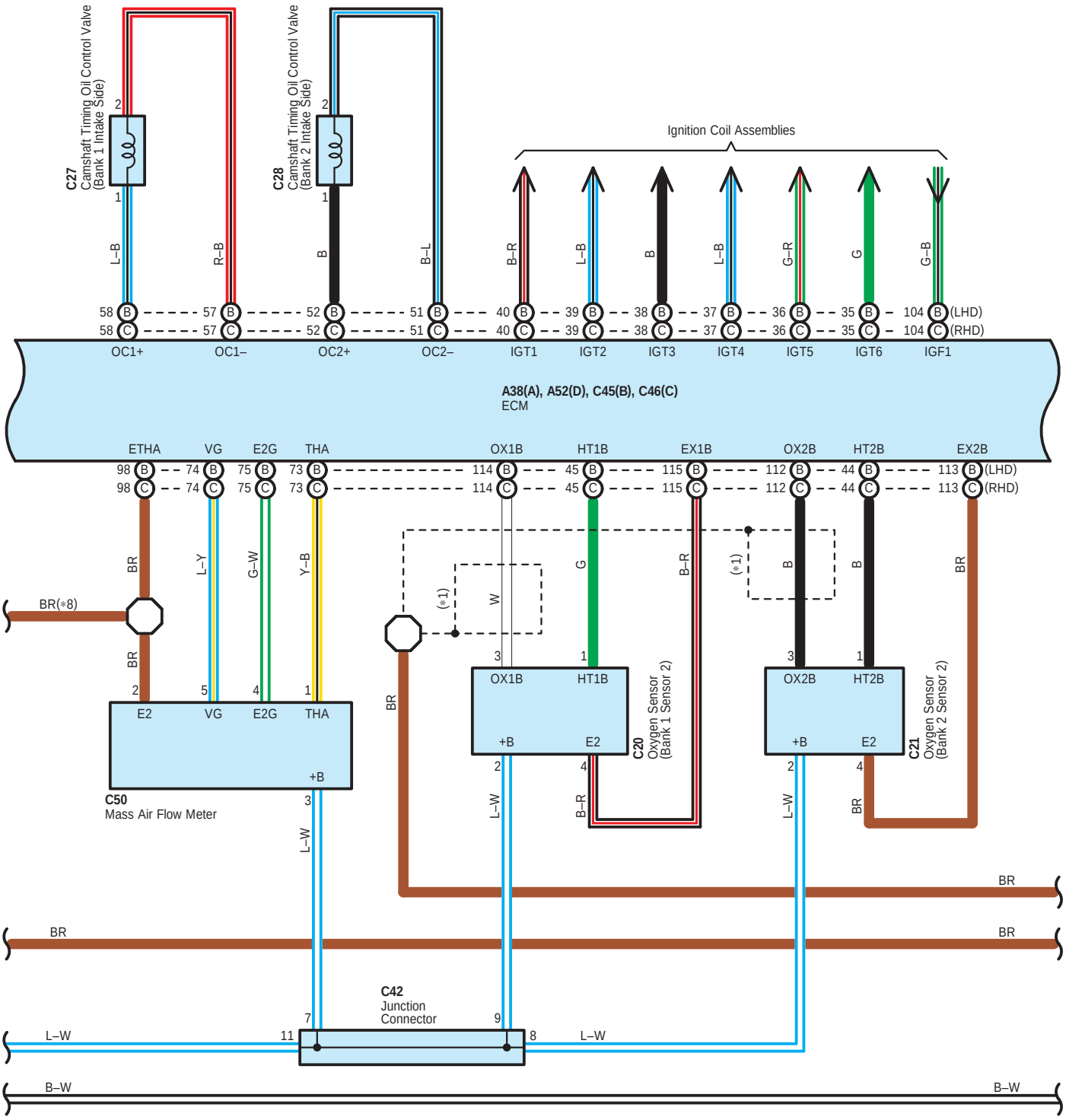

(BAT)
10A
AI–PUMP
HTR
2
1
∗ 8 : w/ Air Injection Control Driver
L
W–R
W
L–B(∗8)
W–R (∗8)
L (∗8)
36 CA3
L–B (∗8)
3
AIP2
C138
Air Switching Valve
(Bank 2)
+BL
E22
GNDL
VC2
5
4
1
2
B–R (∗8)
BR (∗8)
W–B (∗8)
L (∗8)
AI–PMP
HTR
Relay
AI–VSV
Relay
1
5
2
3
G (∗8)
L–R (∗8)
G–W (∗8)
B–R (∗8)
16 CA1
13 CA1
3 CA1
12 CA1
L(∗8)
W–B(∗8)
BR(∗8)
L–R(∗8)
G–W(∗8)
G(∗8)
BR(∗8)
B
L–W
B–W


(BAT)
50A
A/PUMP
NO. 1
1F
L
W–R
W
L–B(*8)
P–L(*8)
G(*8)
P(*8)
BR(*8)
CA3
CA2
AIP
+B
VC
E2
GND
C137
Air Switching Valve
(Bank 1)
VV
BATT
DI
SIP
SIV
VP
E
C60(A), C61(B)
Air Injection
Control Driver
APHG
APH+
C139
Air Pump Assembly
W–B
L–W
B–W
L–R
G–W
B
C2
C1

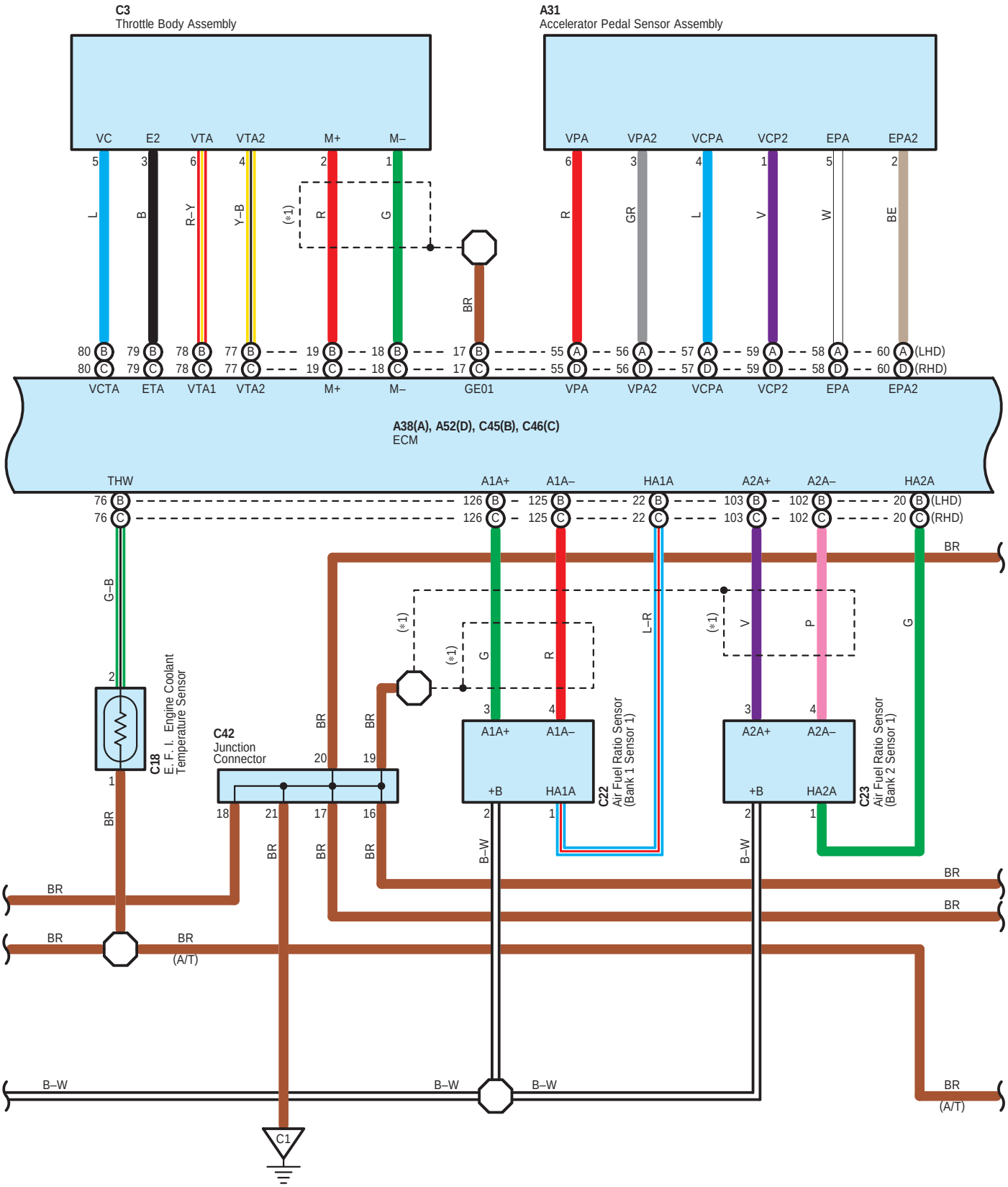

∗ 8 : w/ Air Injection Control Driver
(BAT)
10A
ETCS
2
1
P
27 CA3
C169
Camshaft Timing Oil Control Valve
(Bank 1 Exhaust Side)
C170
Camshaft Timing Oil Control Valve
(Bank 2 Exhaust Side)
L
W–R
W
L–B(∗8)
P–L(∗8)
G(∗8)
P(∗8)
BR(∗8)
G–W
B–R
R–W
L–W
28 B
54 B
30 B
54 A
53 A
52 A
52 D
34 A
34 D
1 A
1 D
41 B
41 C
56 B
56 C
55 B
55 C
50 B
50 C
49 B (LHD)
49 C (RHD)
AIRV
AIRP
AIDI
AIP
AIP2
FPC
MREL
BATT
+BM
OE1+
OE1–
OE2+
OE2–
A38(A), A52(D), C45(B), C46(C)
ECM
AIR1
HAI1
+B
+B2
VCV1
VV1+
VV1–
EV1+
EV1–
60 B
61 B
3 A
3 D
2 A
2 D
67 B
67 C
90 B
90 C
89 B
89 C
69 B
69 C
68 B (LHD)
68 C (RHD)
G–W(∗8)
G(∗8)
B
L
R
L–R
L–B
L–W
C26
VVT Sensor
(Bank 1 Intake Side)
VVR+
VVR–
VC
C121
VVT Sensor
(Bank 1 Exhaust Side)
EX+
EX–
VC2
G–W(∗8)
G(∗8)
L(∗8)
BR(∗8)
B
L–W
B–W

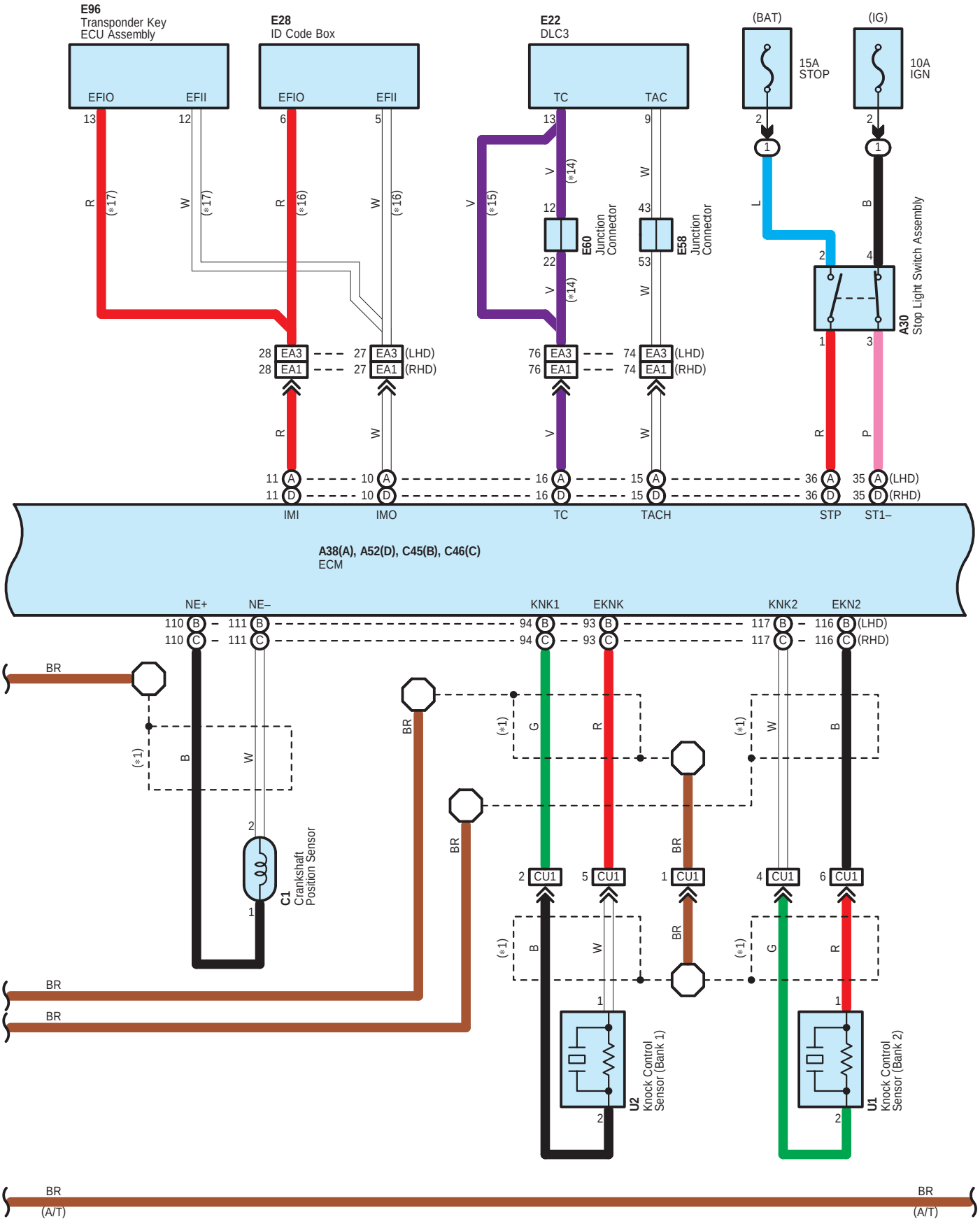

(IG)
10A IGN
(IG)
10A INJ
B
B
B–R
10 CA1
B
B–R
B–R
B–R
B–R
B–R
B–R
B–R
B–R
B–R
B–R
B–R
B–R
C5 Fuel Injector Assembly No. 1
C16 Fuel Injector Assembly No. 2
C7 Fuel Injector Assembly No. 3
C14 Fuel Injector Assembly No. 4
C9 Fuel Injector Assembly No. 5
C12 Fuel Injector Assembly No. 6
R–L
L
R–B
Y
G
R
28 A
28 D
IGSW
86 B
86 C
#10
109 B
109 C
#20
85 B
85 C
#30
108 B
108 C
#40
84 B
84 C
#50
107 B
107 C
(LHD)
(RHD)
#60
A38(A), A52(D), C45(B), C46(C)
ECM
VCV2
VV2+
VV2–
EV2+
EV2–
PSP
PRG
ETHW
66 B
66 C
87 B
87 C
88 B
88 C
64 B
64 C
65 B
65 C
72 B
72 C
63 B
63 C
97 B
97 C
(LHD)
(RHD)
L
R
G
G–W
R–W
L–R
L–B
BR
BR(*8)
C25 VVT Sensor (Bank 2 Intake Side)
VVL+
VVL–
VC
C122 VVT Sensor (Bank 2 Exhaust Side)
EX+
EX–
VC2
C59 Power Steering Oil Pressure Sensor
PSP
VC
E2
C55 Purge VSV
L(*8)
BR(*8)
BR
L–W
L–W
L–W
L–W
B–W
B–W

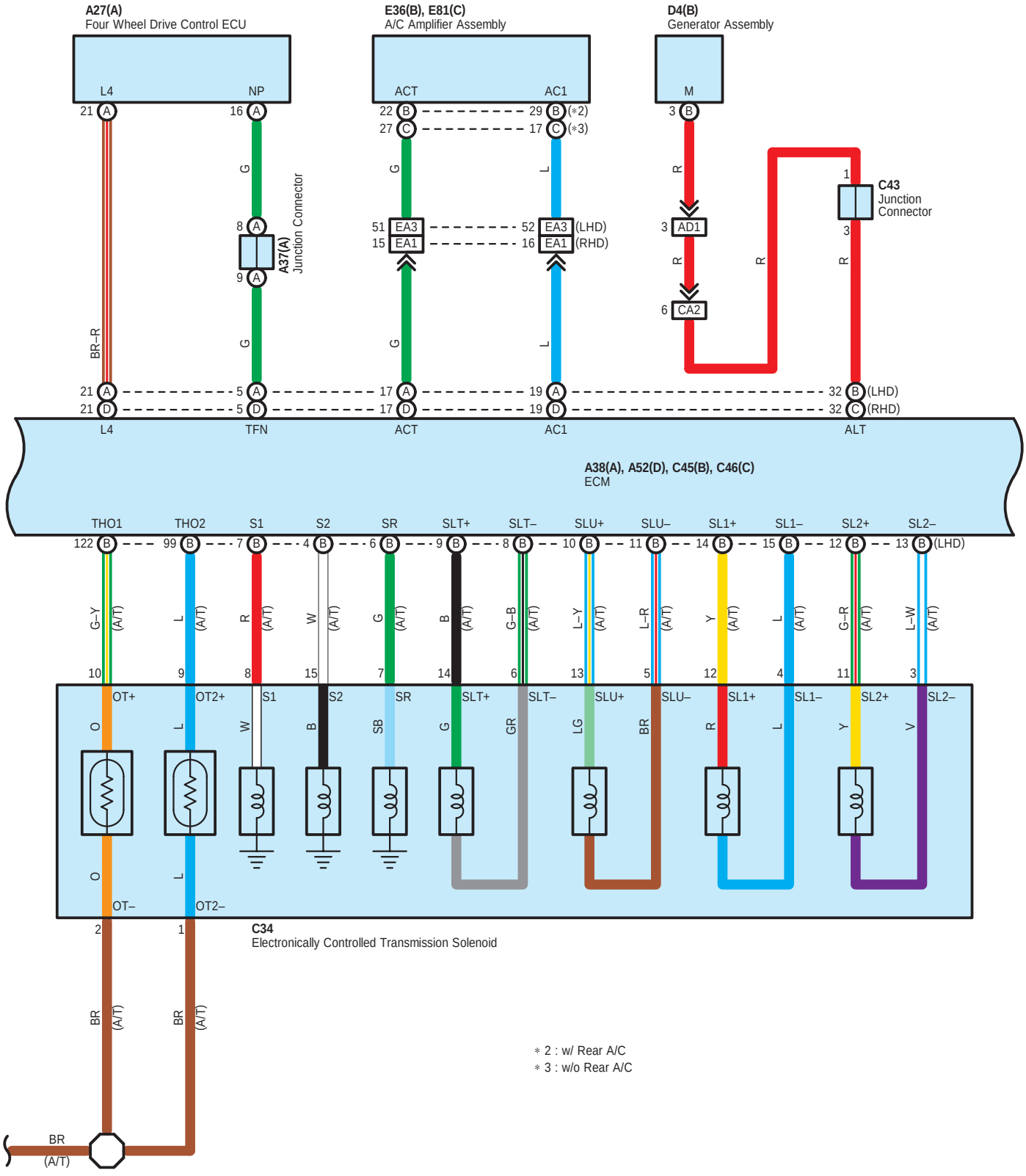
∗ 1 : Shielded
∗ 8 : w/ Air Injection Control Driver



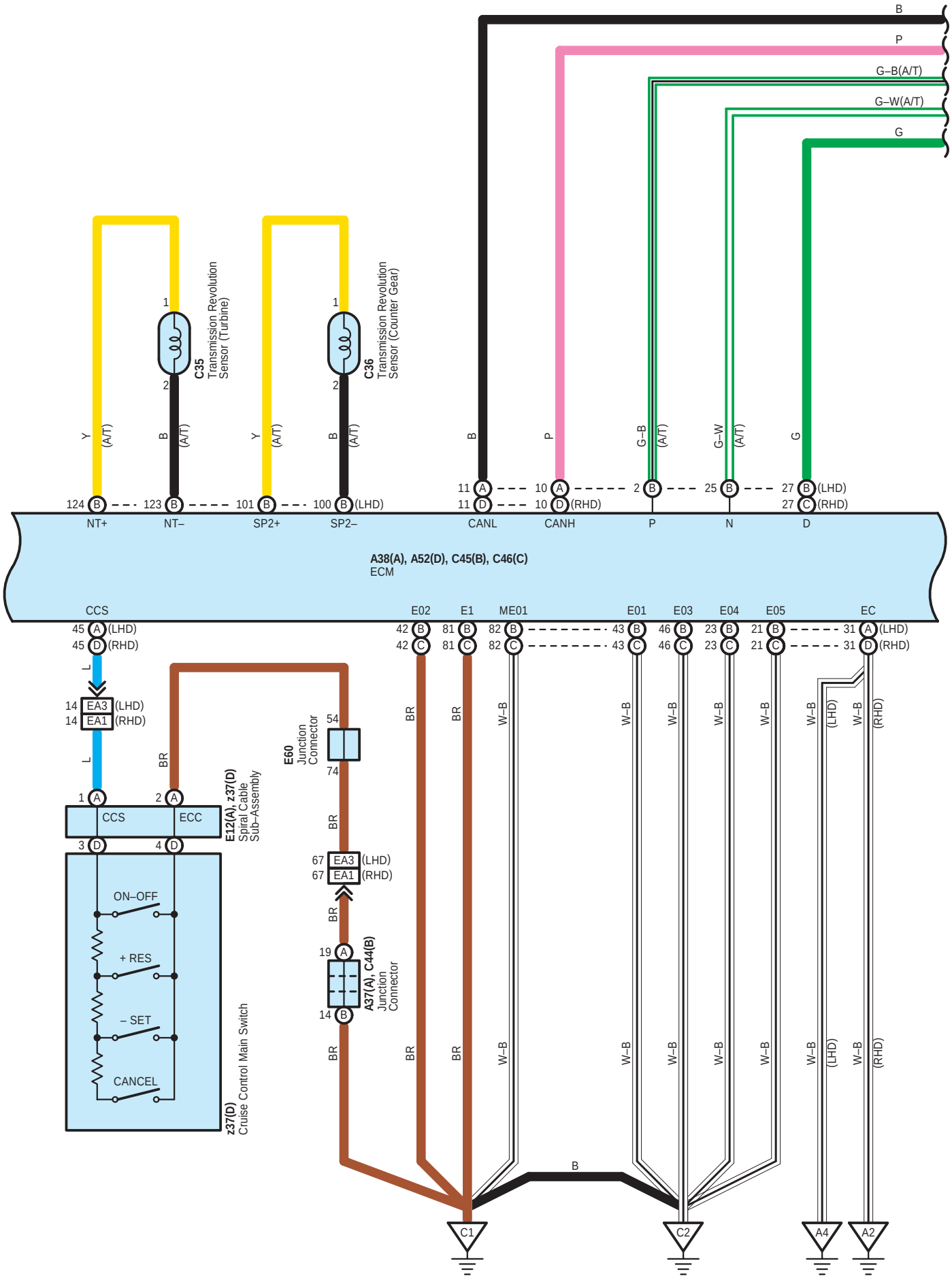
∗ 1 : Shielded
∗14 : Liftgate Type
∗15 : Swing Type
∗16 : w/ Entry & Start System
∗17 : w/o Entry & Start System

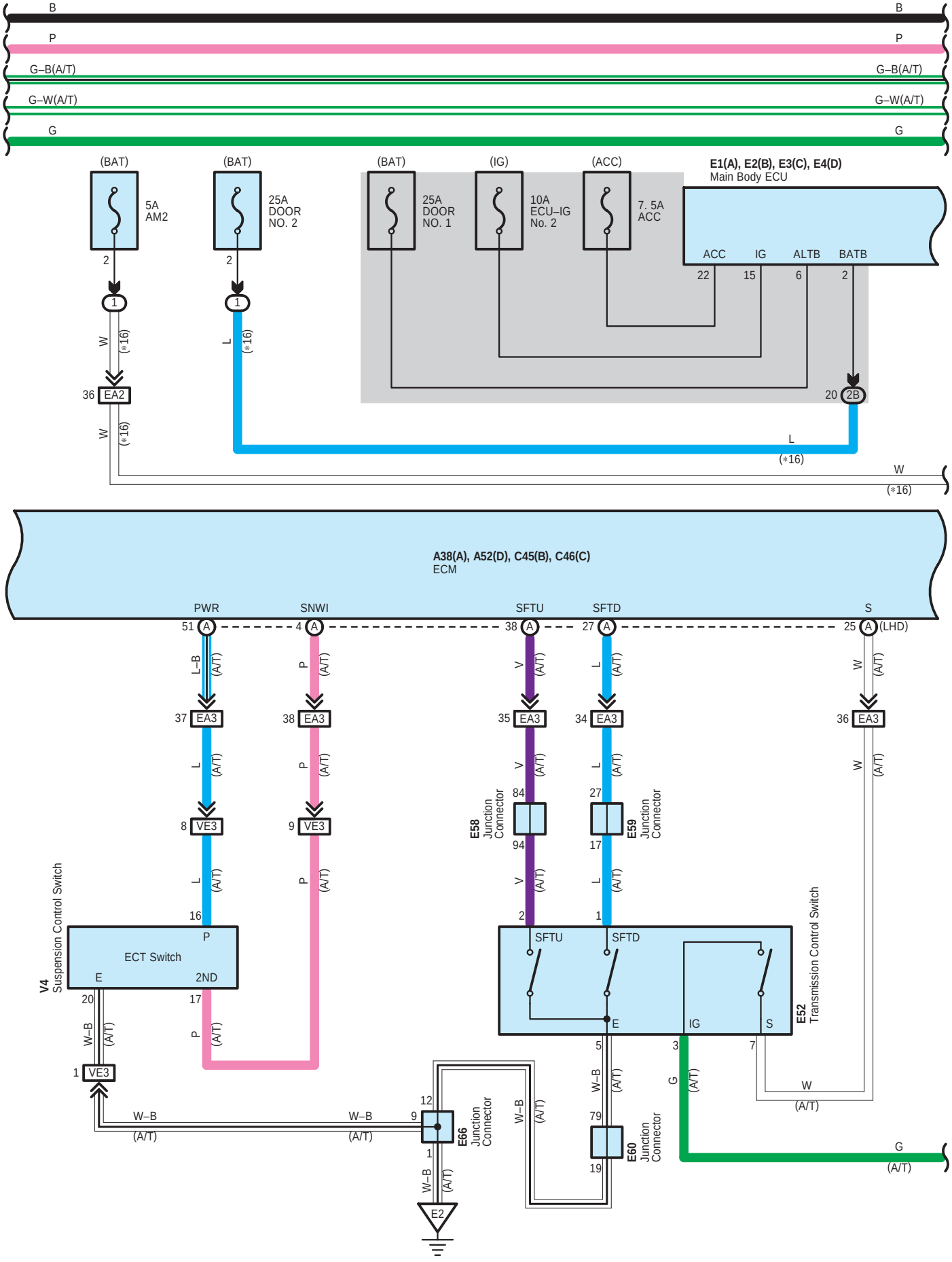


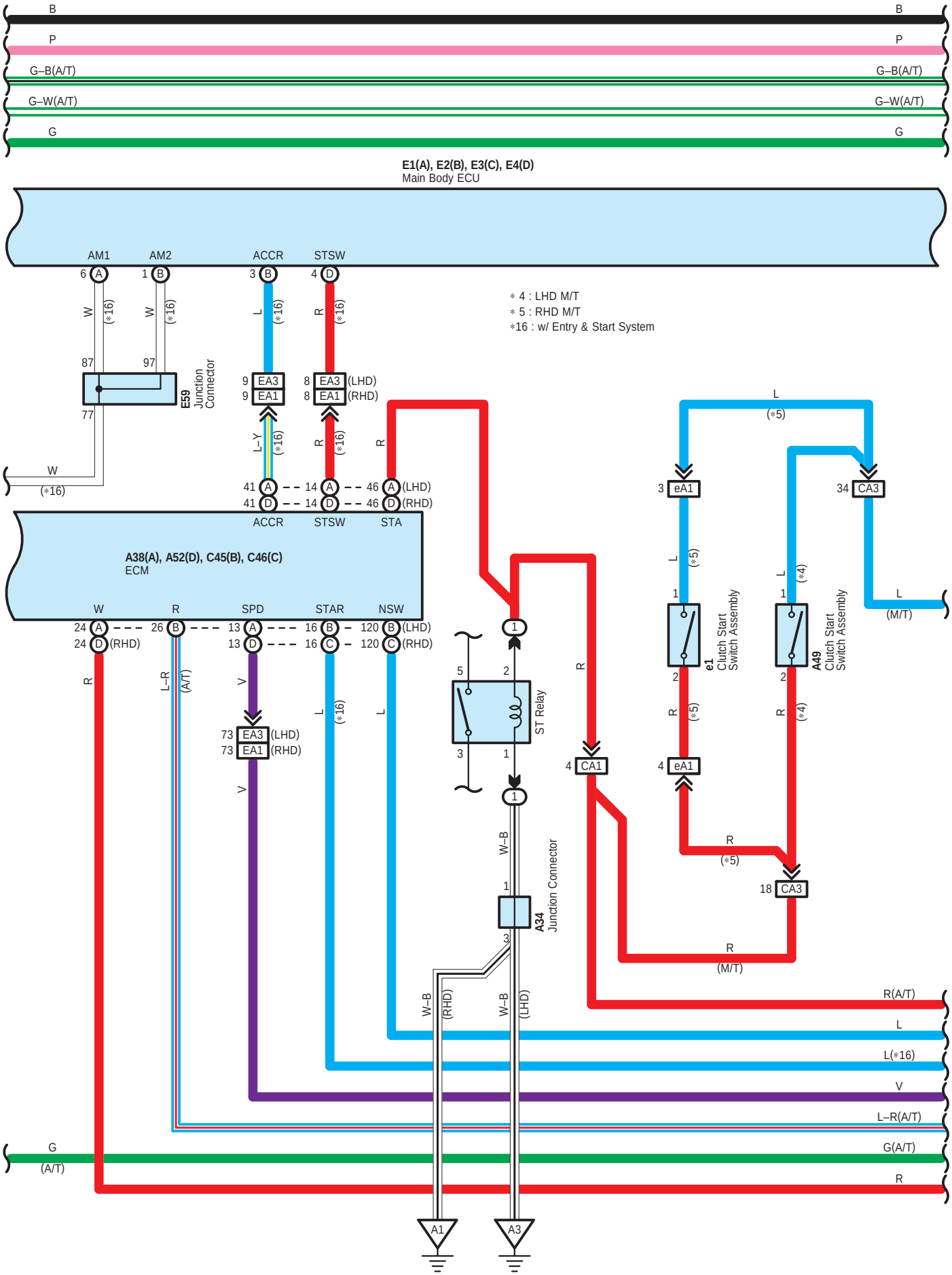

E96
Transponder Key ECU Assembly
EFIO
EFII
E28
ID Code Box
E22
DLC3
TC
TAC
(BAT)
(IG)
15A STOP
10A IGN
E60 Junction Connector
E58 Junction Connector
A30 Stop Light Switch Assembly
IMI
IMO
TC
TACH
STP
ST1–
A38(A), A52(D), C45(B), C46(C)
ECM
NE+
NE–
KNK1
EKNK
KNK2
EKN2
C1 Crankshaft Position Sensor
U2 Knock Control Sensor (Bank 1)
U1 Knock Control Sensor (Bank 2)
(LHD)
(RHD)
(A/T)

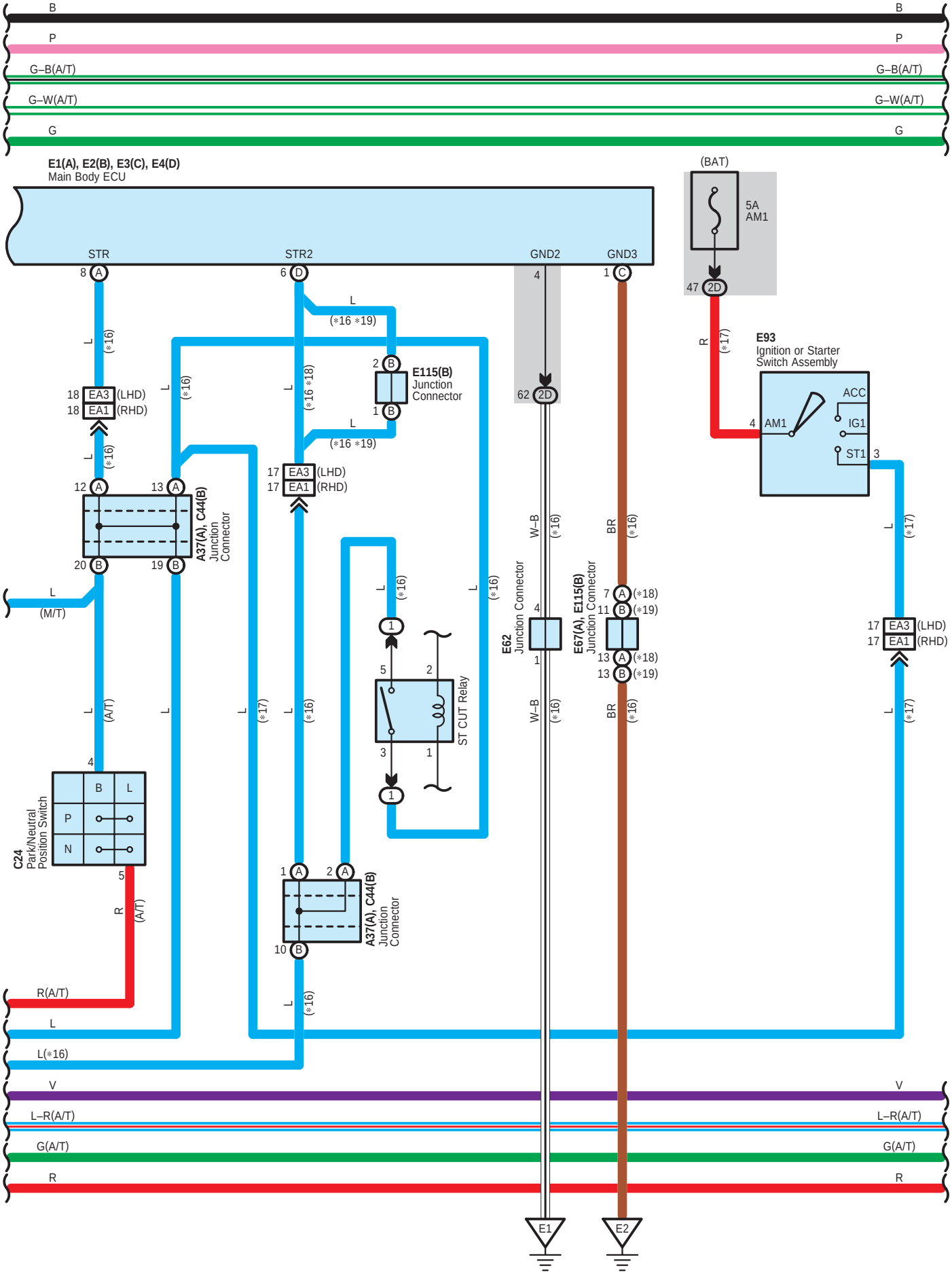


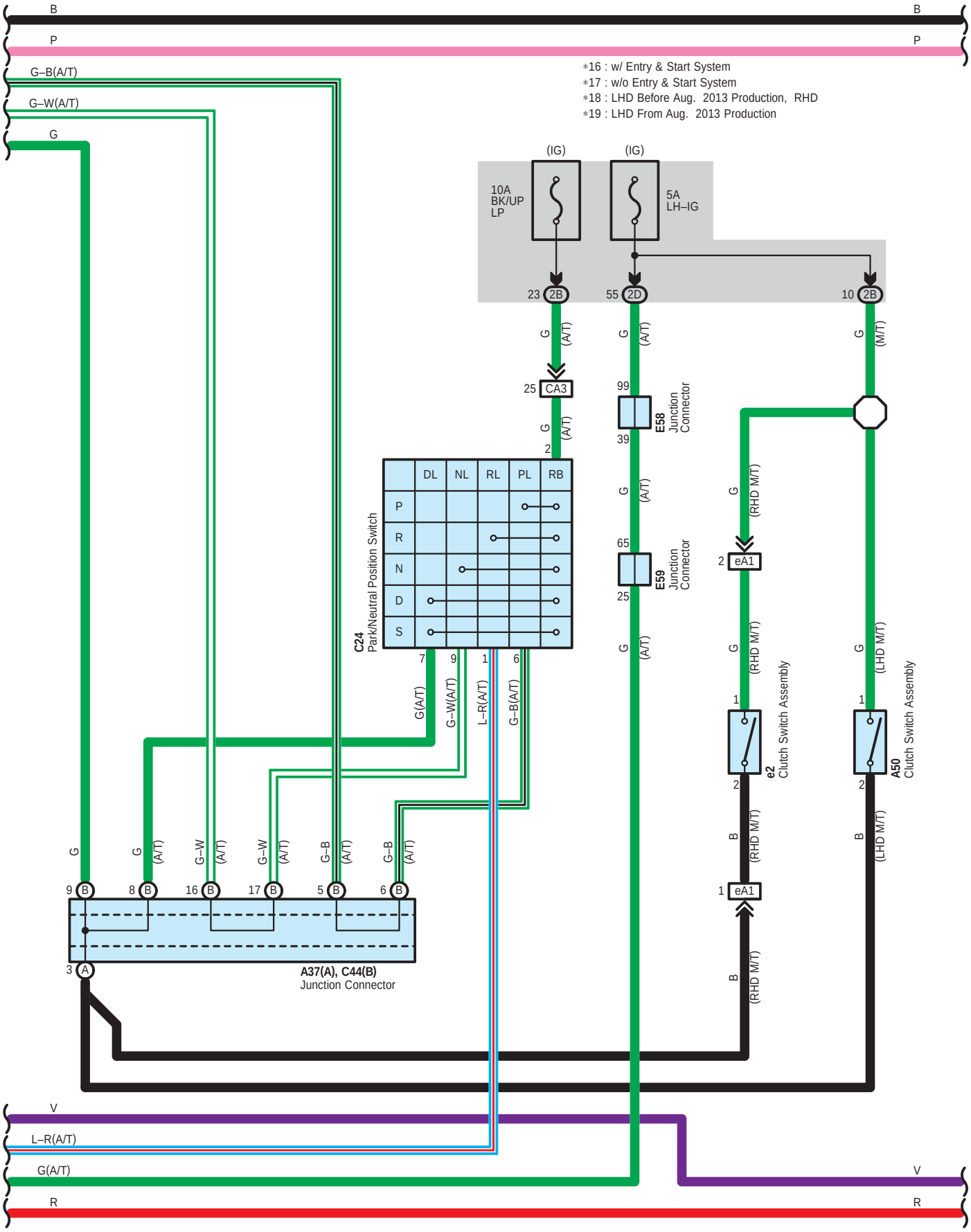
* 2 : w/ Rear A/C
* 3 : w/o Rear A/C

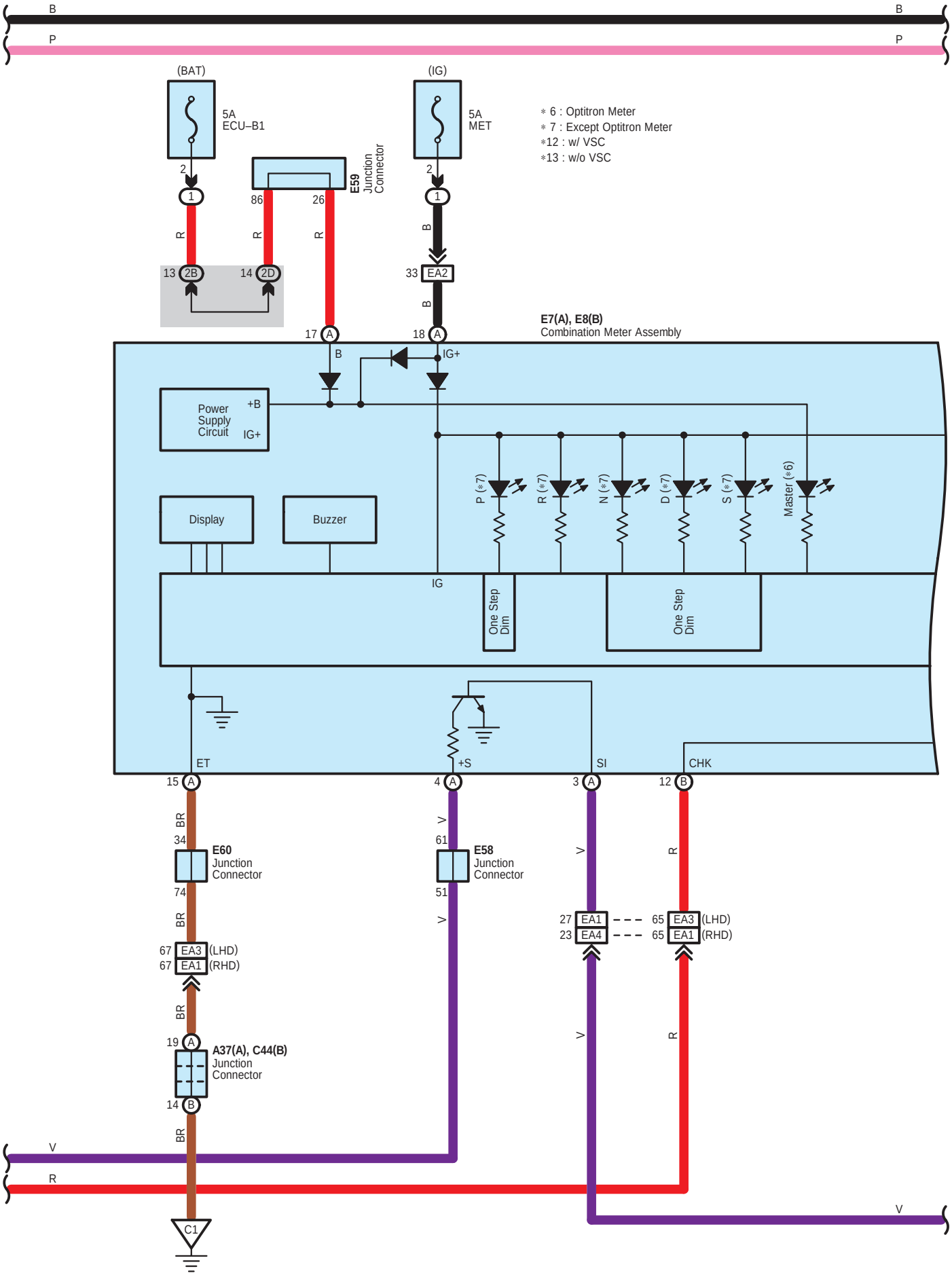

B
P
G–B(A/T)
G–W(A/T)
G
C35
Transmission Revolution Sensor (Turbine)
C36
Transmission Revolution Sensor (Counter Gear)
Y (A/T)
B (A/T)
124 B NT+
123 B NT–
101 B SP2+
100 B (LHD) SP2–
11 A 11 D CANL
10 A 10 D (RHD) CANH
2 B P
25 B N
27 B (LHD) 27 C (RHD) D
A38(A), A52(D), C45(B), C46(C)
ECM
CCS
45 A (LHD) 45 D (RHD)
14 EA3 (LHD) 14 EA1 (RHD)
E12(A), z37(D)
Spiral Cable Sub–Assembly
CCS
ECC
ON–OFF
+ RES
– SET
CANCEL
z37(D)
Cruise Control Main Switch
E60
Junction Connector
67 EA3 (LHD) 67 EA1 (RHD)
A37(A), C44(B)
Junction Connector
E02
E1
ME01
E01
E03
E04
E05
EC
42 B 42 C
81 B 81 C
82 B 82 C
43 B 43 C
46 B 46 C
23 B 23 C
21 B 21 C
31 A (LHD) 31 D (RHD)
W–B
(LHD)
(RHD)
C1
C2
A4
A2

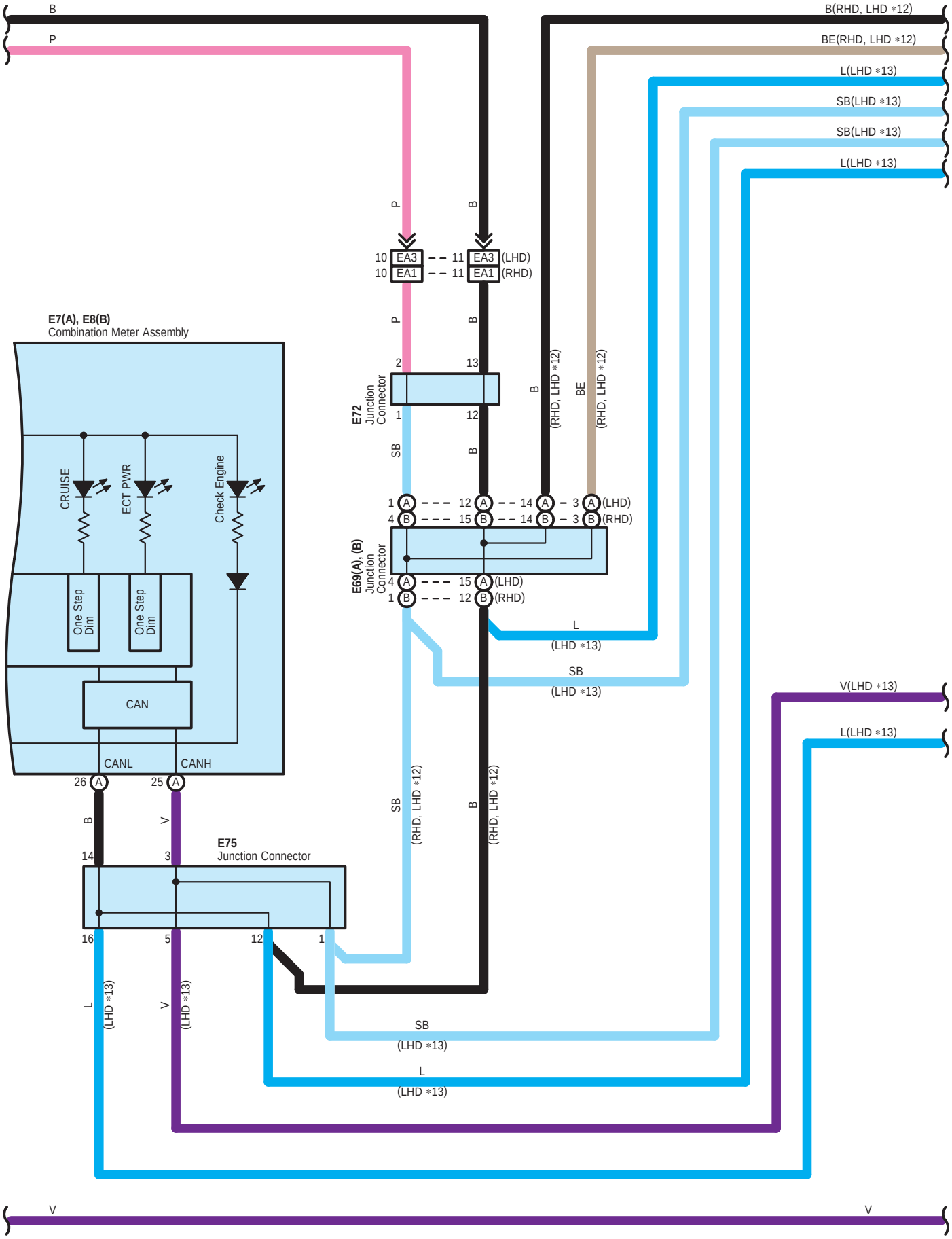

B
P
G–B(A/T)
G–W(A/T)
G
(BAT)
5A
AM2
25A
DOOR
NO. 2
25A
DOOR
NO. 1
(IG)
10A
ECU–IG
No. 2
(ACC)
7. 5A
ACC
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
ACC
IG
ALTB
BATB
22
15
6
2
20 2B
36 EA2
(∗16)
A38(A), A52(D), C45(B), C46(C)
ECM
PWR
SNWI
SFTU
SFTD
S
51
4
38
27
25 (LHD)
37 EA3
38 EA3
35 EA3
34 EA3
36 EA3
8 VE3
9 VE3
16
ECT Switch
E
2ND
20
17
1 VE3
V4
Suspension Control Switch
E58
Junction
Connector
84
94
E59
Junction
Connector
27
17
2
1
SFTU
SFTD
E
IG
S
E52
Transmission Control Switch
5
3
7
12
9
1
E66
Junction
Connector
79
19
E60
Junction
Connector
E2
W–B
(A/T)
L–B
P
V
L
W
G
(A/T)

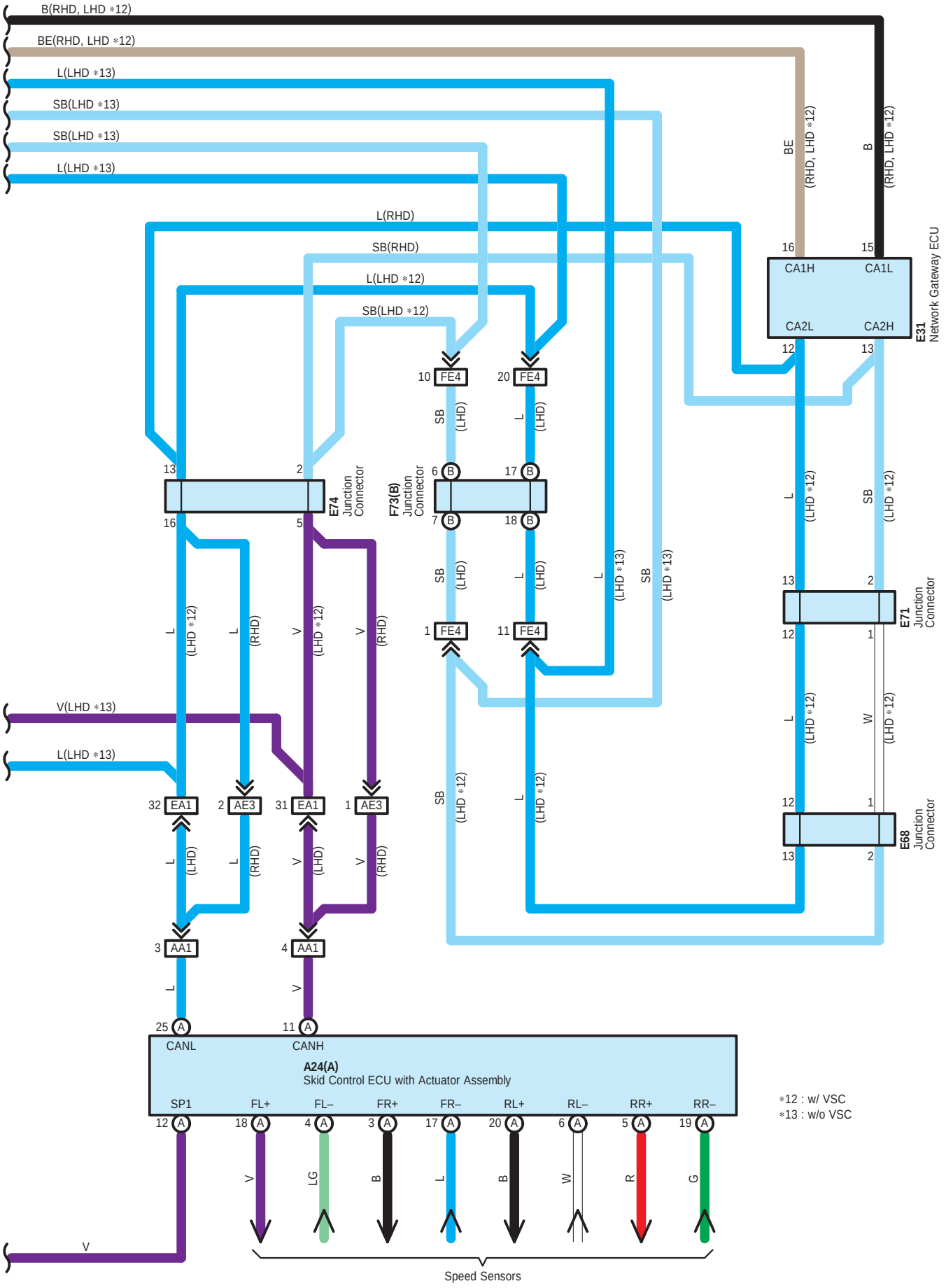

B
P
G–B(A/T)
G–W(A/T)
G
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
AM1
AM2
ACCR
STSW
∗ 4 : LHD M/T
∗ 5 : RHD M/T
∗16 : w/ Entry & Start System
E59 Junction Connector
A38(A), A52(D), C45(B), C46(C)
ECM
ACCR
STSW
STA
W
R
SPD
STAR
NSW
ST Relay
e1 Clutch Start Switch Assembly
A49 Clutch Start Switch Assembly
A34 Junction Connector
R(A/T)
L
L(∗16)
V
L–R(A/T)
G(A/T)
R
A1
A3


B
P
G–B(A/T)
G–W(A/T)
G
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
STR
STR2
GND2
GND3
(BAT)
5A
AM1
E93
Ignition or Starter
Switch Assembly
ACC
IG1
ST1
AM1
E115(B)
Junction
Connector
EA3 (LHD)
EA1 (RHD)
A37(A), C44(B)
Junction
Connector
E62
Junction Connector
E67(A), E115(B)
Junction Connector
ST CUT Relay
C24
Park/Neutral
Position Switch
(M/T)
(A/T)
R(A/T)
L(*16)
V
L–R(A/T)
G(A/T)
R
E1
E2

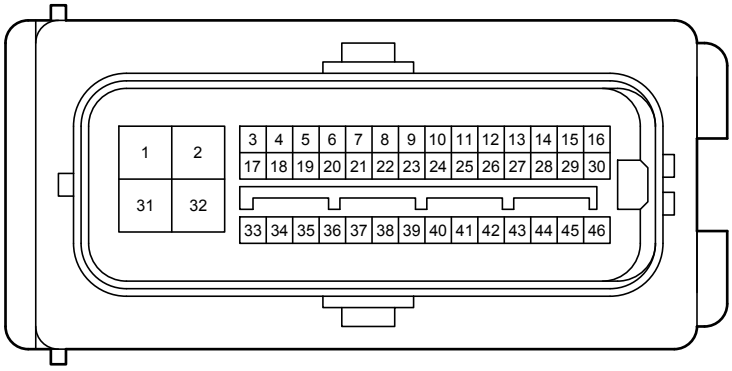

B
P
G–B(A/T)
G–W(A/T)
G
∗16 : w/ Entry & Start System
∗17 : w/o Entry & Start System
∗18 : LHD Before Aug. 2013 Production, RHD
∗19 : LHD From Aug. 2013 Production
(IG)
(IG)
10A
BK/UP
LP
5A
LH–IG
23 2B
55 2D
10 2B
G (A/T)
G (A/T)
G (M/T)
25 CA3
99
E58
Junction
Connector
39
G (A/T)
65
E59
Junction
Connector
25
G (A/T)
C24
Park/Neutral Position Switch
DL
NL
RL
PL
RB
P
R
N
D
S
7
9
1
6
G(A/T)
G–W(A/T)
L–R(A/T)
G–B(A/T)
G (RHD M/T)
2 eA1
G (RHD M/T)
1
2
e2
Clutch Switch Assembly
B (RHD M/T)
1 eA1
B (RHD M/T)
G (LHD M/T)
1
2
A50
Clutch Switch Assembly
B (LHD M/T)
G (A/T)
G (A/T)
G–W (A/T)
G–W (A/T)
G–B (A/T)
G–B (A/T)
9 B
8 B
16 B
17 B
5 B
6 B
3 A
A37(A), C44(B)
Junction Connector
V
L–R(A/T)
G(A/T)
V
R
R


B
P
(BAT)
5A
ECU–B1
(IG)
5A
MET
∗ 6 : Optitron Meter
∗ 7 : Except Optitron Meter
∗12 : w/ VSC
∗13 : w/o VSC
E59
Junction
Connector
E7(A), E8(B)
Combination Meter Assembly
Power
Supply
Circuit
+B
IG+
Display
Buzzer
P (∗7)
R (∗7)
N (∗7)
D (∗7)
S (∗7)
Master (∗6)
IG
One Step
Dim
ET
+S
SI
CHK
E60
Junction
Connector
E58
Junction
Connector
A37(A), C44(B)
Junction
Connector
(LHD)
(RHD)
C1

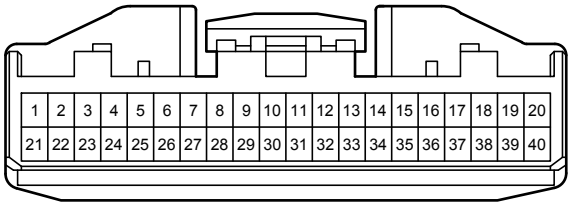

B
P
B(RHD, LHD *12)
BE(RHD, LHD *12)
L(LHD *13)
SB(LHD *13)
SB(LHD *13)
L(LHD *13)
P
B
10 EA3 – – 11 EA3 (LHD)
10 EA1 – – 11 EA1 (RHD)
E7(A), E8(B)
Combination Meter Assembly
CRUISE
ECT PWR
Check Engine
One Step Dim
One Step Dim
CAN
CANL
CANH
26 A
25 A
B
V
E75
Junction Connector
14
3
16
5
12
1
L
(LHD *13)
V
(LHD *13)
E72
Junction Connector
2
13
1
12
SB
B
B
(RHD, LHD *12)
BE
(RHD, LHD *12)
1 A – – 12 A – – 14 A – 3 A (LHD)
4 B – – 15 B – – 14 B – 3 B (RHD)
E69(A), (B)
Junction Connector
4 A – – 15 A (LHD)
1 B – – 12 B (RHD)
L
(LHD *13)
SB
(LHD *13)
SB
(RHD, LHD *12)
B
(RHD, LHD *12)
V(LHD *13)
L(LHD *13)
SB
(LHD *13)
L
(LHD *13)
V
V


B(RHD, LHD *12)
BE(RHD, LHD *12)
L(LHD *13)
SB(LHD *13)
SB(LHD *13)
L(LHD *13)
L(RHD)
SB(RHD)
L(LHD *12)
SB(LHD *12)
V(LHD *13)
L(LHD *13)
V
BE (RHD, LHD *12)
B (RHD, LHD *12)
16 CA1H
15 CA1L
CA2L
CA2H
12
13
E31 Network Gateway ECU
10 FE4
20 FE4
1 FE4
11 FE4
SB (LHD)
L (LHD)
13
2
16
5
E74 Junction Connector
6 B
17 B
7 B
18 B
F73(B) Junction Connector
L (LHD *12)
L (RHD)
V (LHD *12)
V (RHD)
L (LHD *13)
SB (LHD *13)
SB (LHD *12)
L (LHD *12)
13
2
12
1
E71 Junction Connector
W (LHD *12)
12
1
13
2
E68 Junction Connector
32 EA1
2 AE3
31 EA1
1 AE3
3 AA1
4 AA1
25 A
11 A
CANL
CANH
A24(A)
Skid Control ECU with Actuator Assembly
SP1
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
12 A
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
V
LG
B
L
B
W
R
G
Speed Sensors
*12 : w/ VSC
*13 : w/o VSC

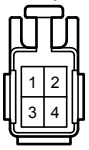
A 24
Black



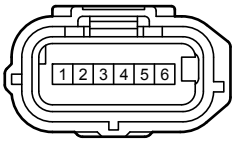
A 27
Black



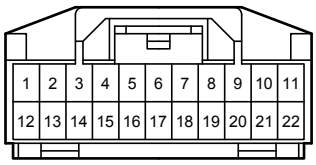
A 30
Gray



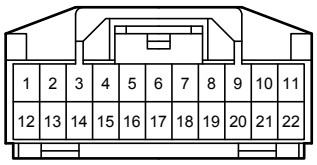
A 31
Black



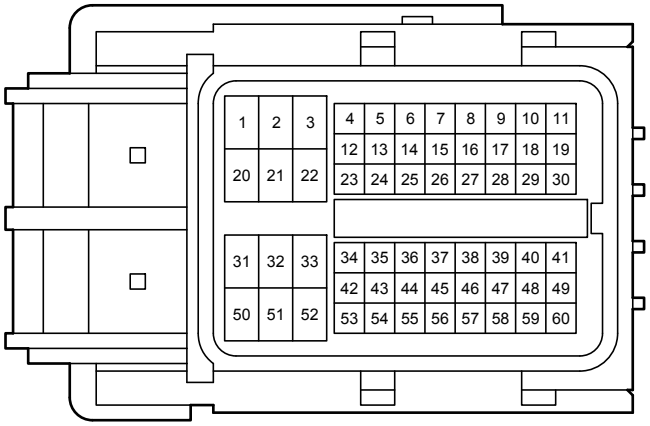
A 34
White



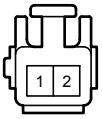
A 37
Blue



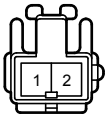
A 38
Black



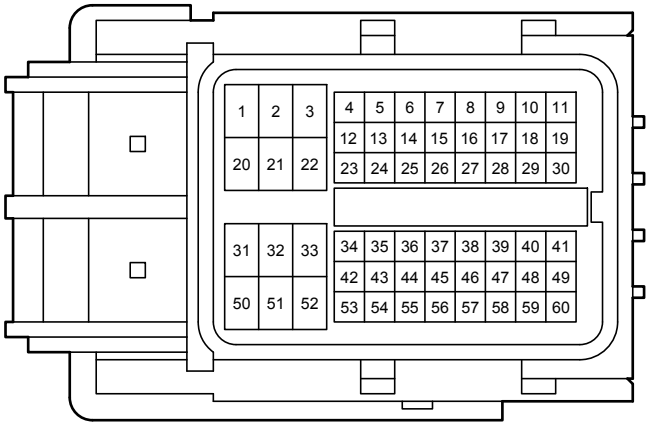
A 49
Black



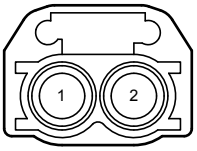
A 50
White



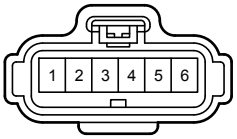
A 52
Black



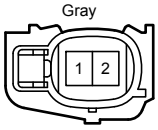
C 1
Black



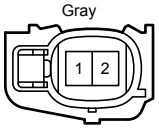
C 3
Black



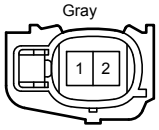
C 5
Gray



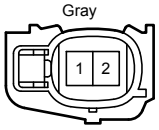
C 7
Gray



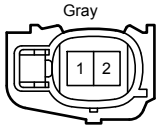
C 9
Gray



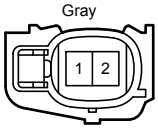
C 12
Gray



C 14
Gray



C 16
Gray



C 18
Dark Gray



C 20
Dark Gray



C 21
Dark Gray



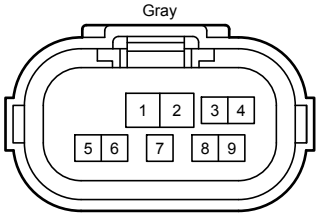
C 22
Dark Gray



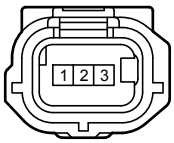
C 23
Dark Gray



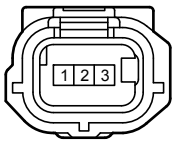
C 24
Gray



C 25
Black



C 26
Black



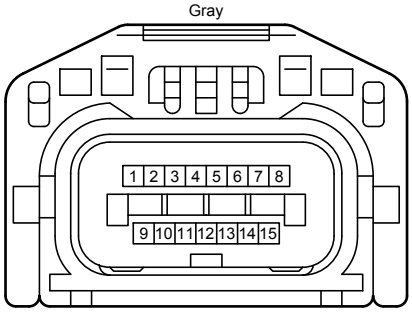
C 27
Black



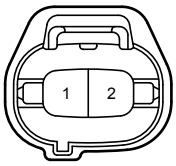
C 28
Black



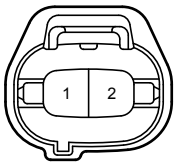
C 34
Gray



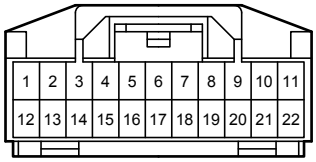
C 35
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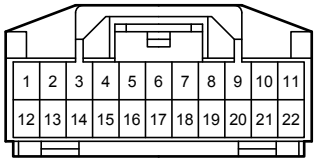
C 36
Black



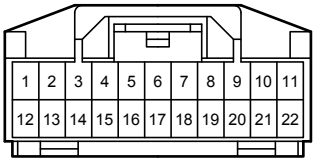
C 42
White



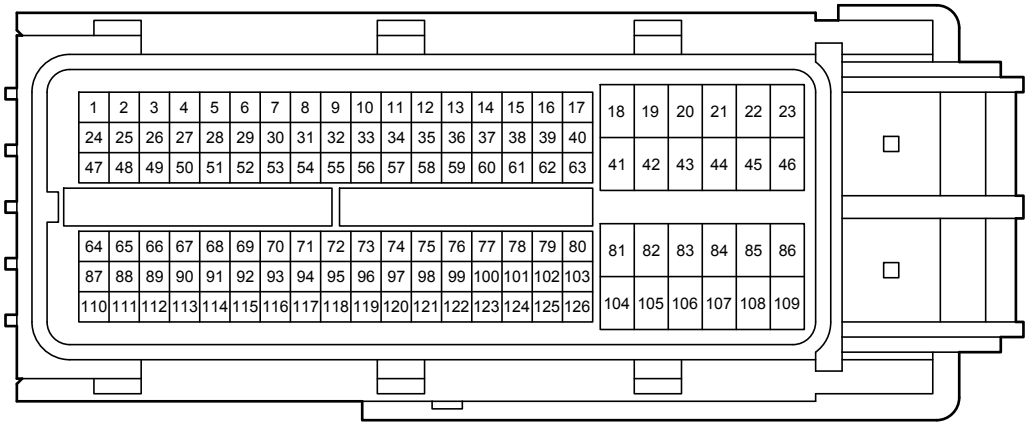
C 43
White



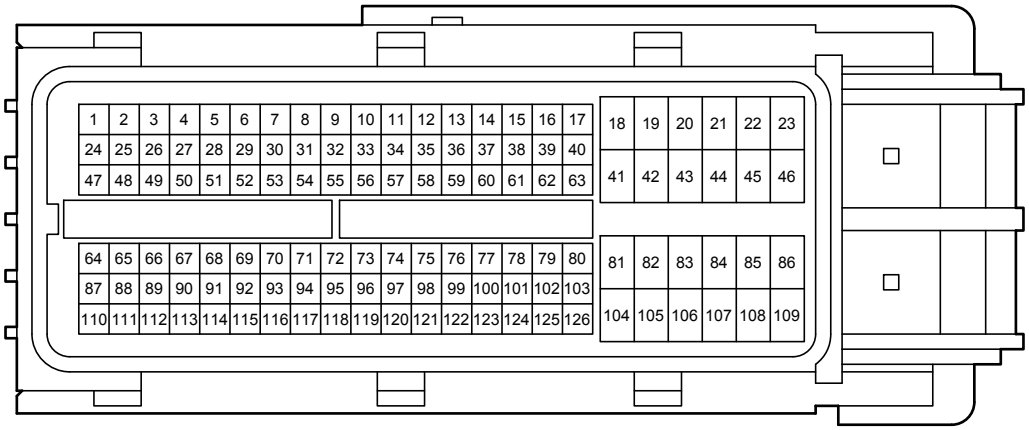
C 44
Blue



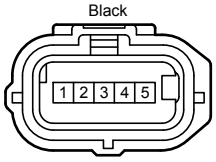
C 45
Black



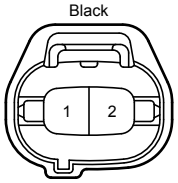
C 46
Black



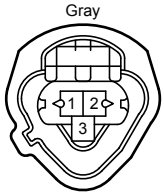
C 50
Black



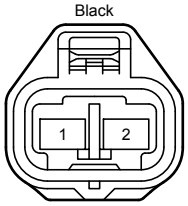
C 55
Black



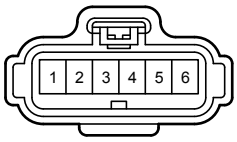
C 59
Gray



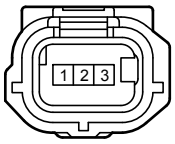
C 60
Black



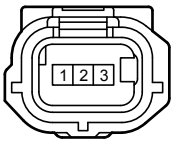
C 61
Black



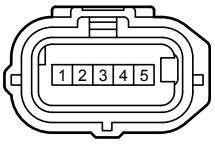
C121
Black



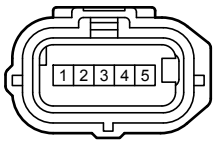
C122
Black



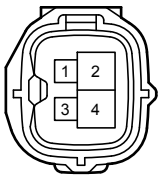
C137
Black



C138
Black



C139
Black



C169
Gray



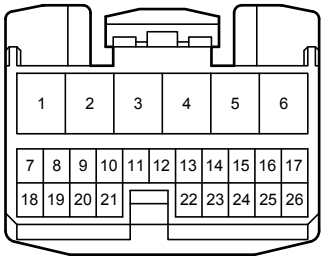
C170
Gray



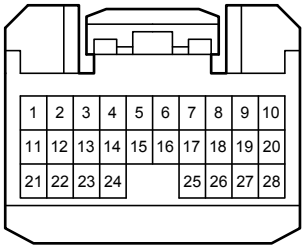
D 4
Black



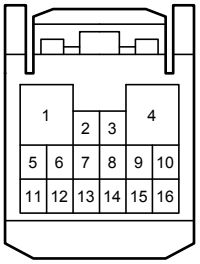
E 1
White



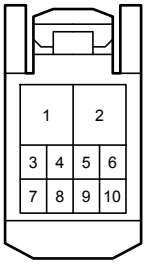
E 2
White



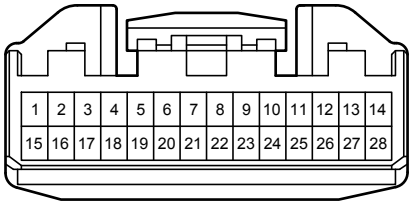
E 3
White



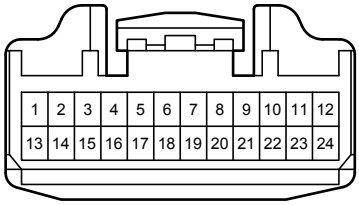
E 4
White



E 7
White



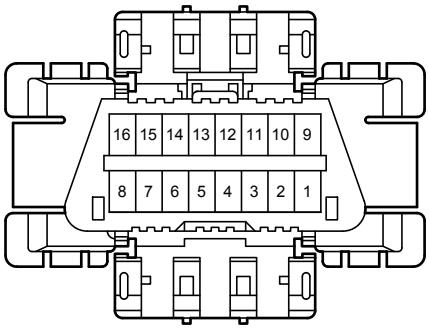
E 8
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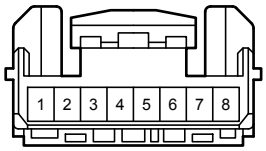
E 12
Black



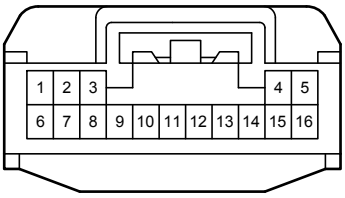
E 22
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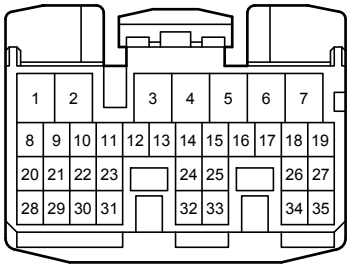
E 28
White



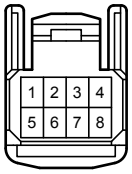
E 31
White



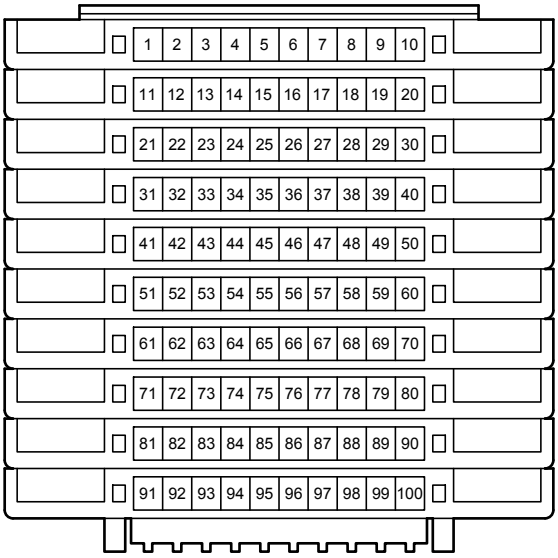
E 36
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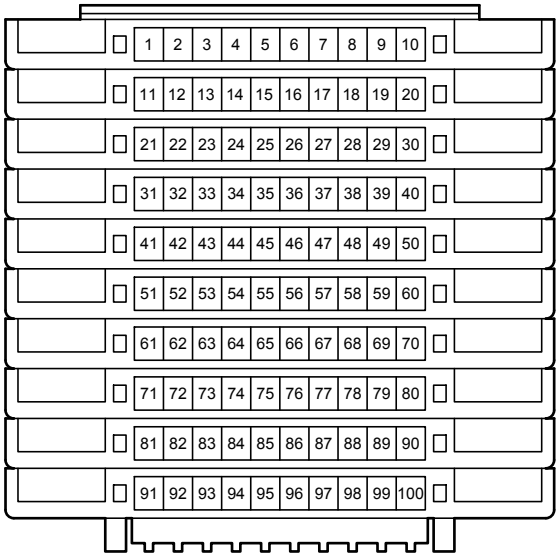
E 52
White



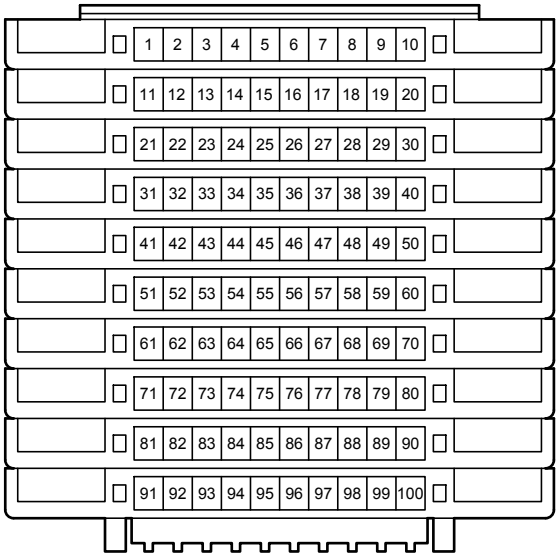
E 58



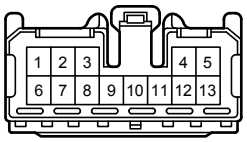
E 59



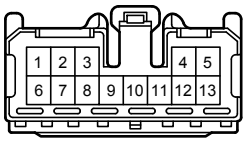
E 60



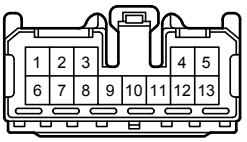
E 62
White



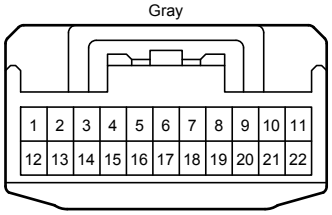
E 66
White



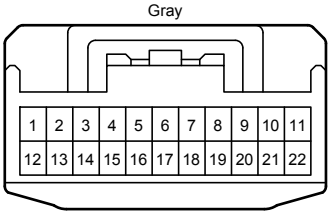
E 67
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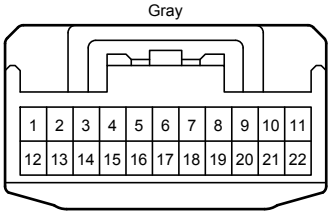
E 68
Gray



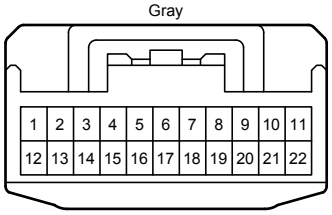
E 69
Gray



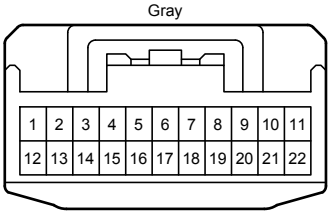
E 71
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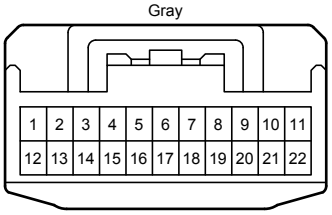
E 72
Gray



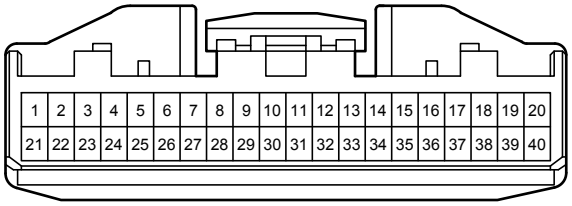
E 74
Gray



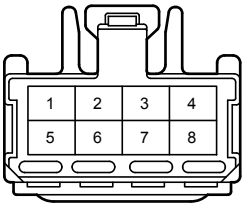
E 75
Gray



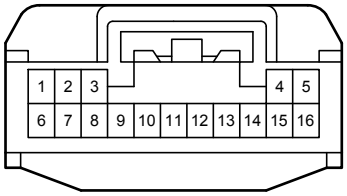
E 81
White



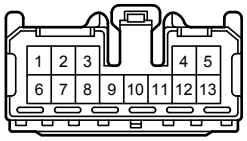
E 93
White



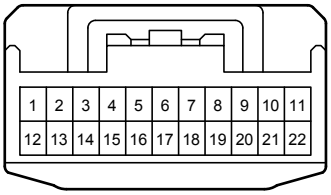
E 96
Black



E115
White



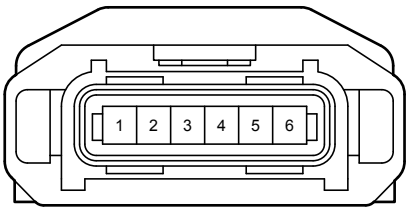
F 73
Blue



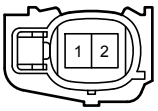
N 1
White



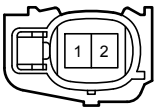
N 14
Black



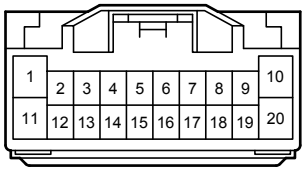
U 1
Black



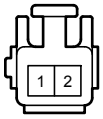
U 2
Black



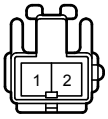
V 4
White



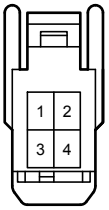
e 1
Black



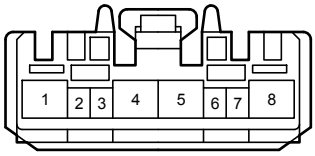
e 2
White



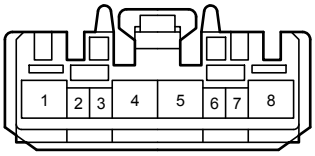
z 37
White



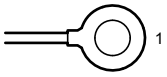
1A
White



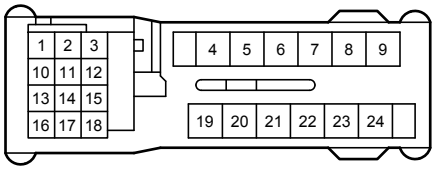
1B
White



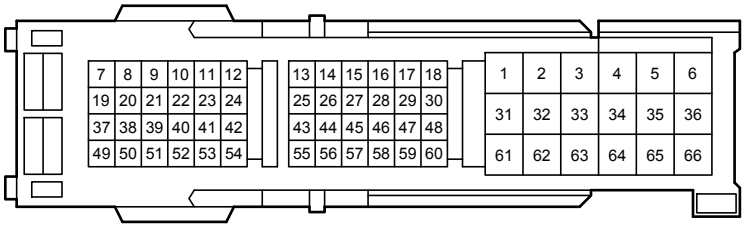
1F



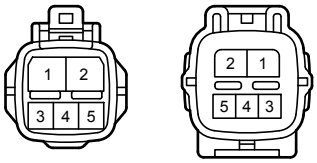
2B
White



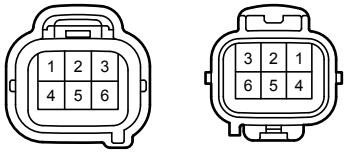
2D
White



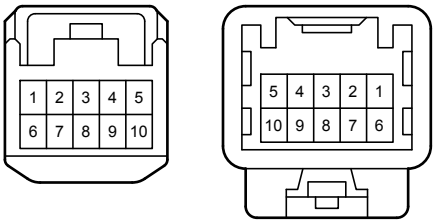
AA1
Gray



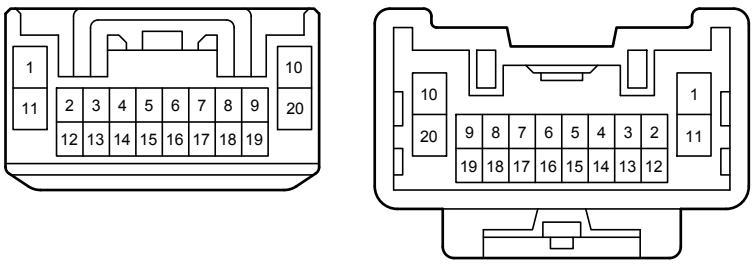
AD1
Black



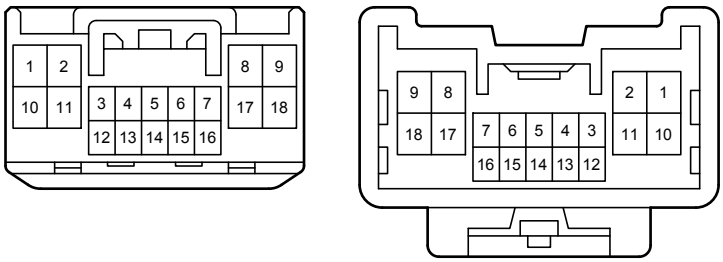
AE3
Gray



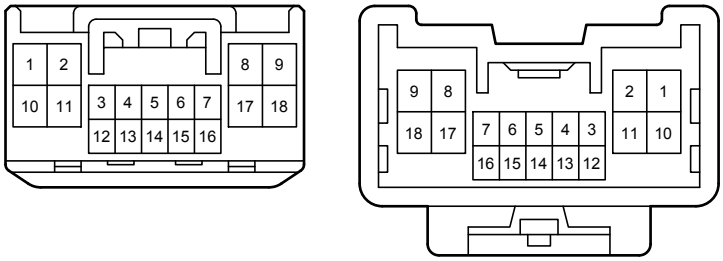
AK1
Blue



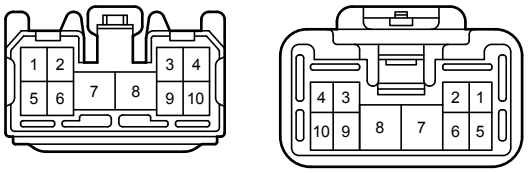
AK2
Gray



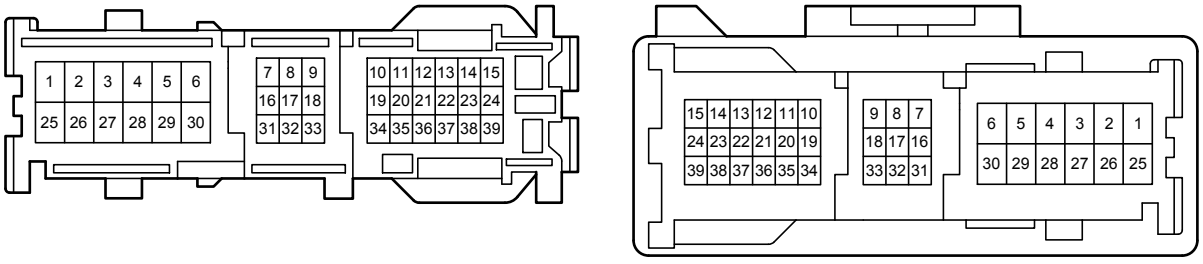
CA1
White

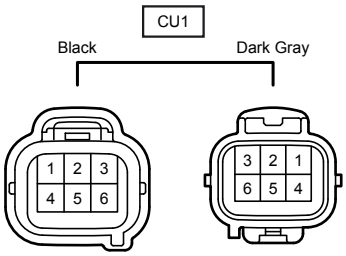


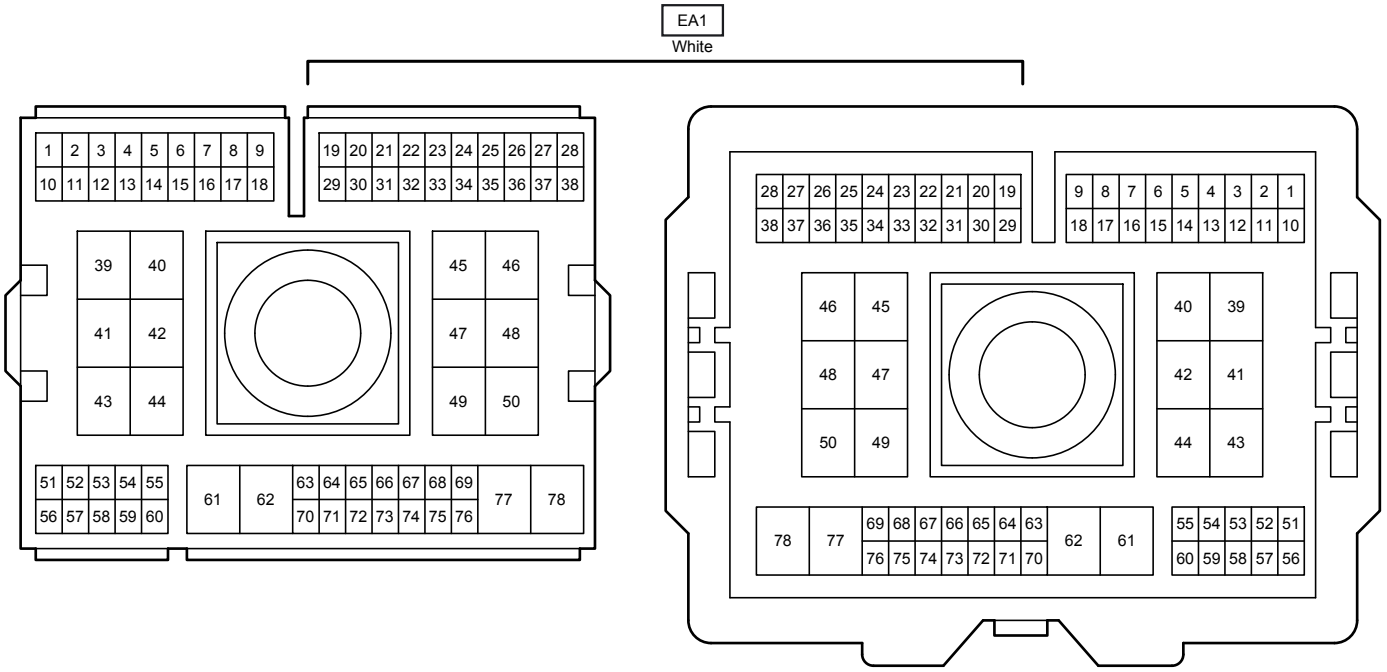
CA2
White

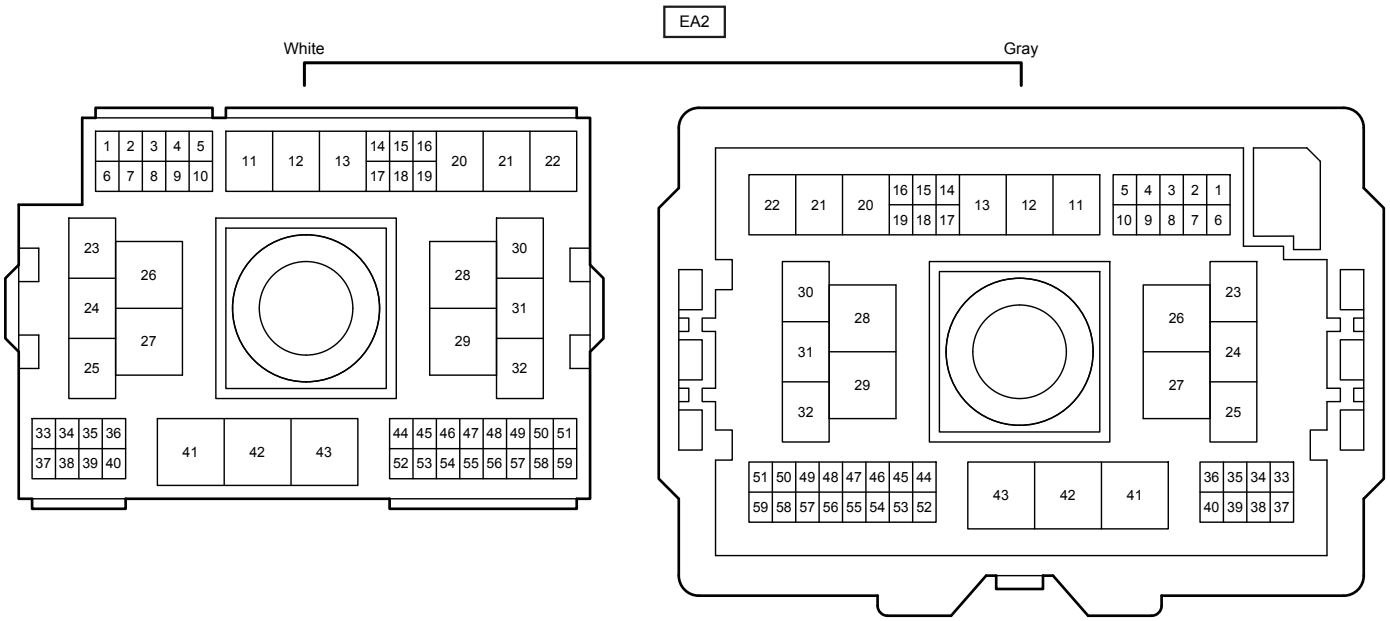


CA3
White

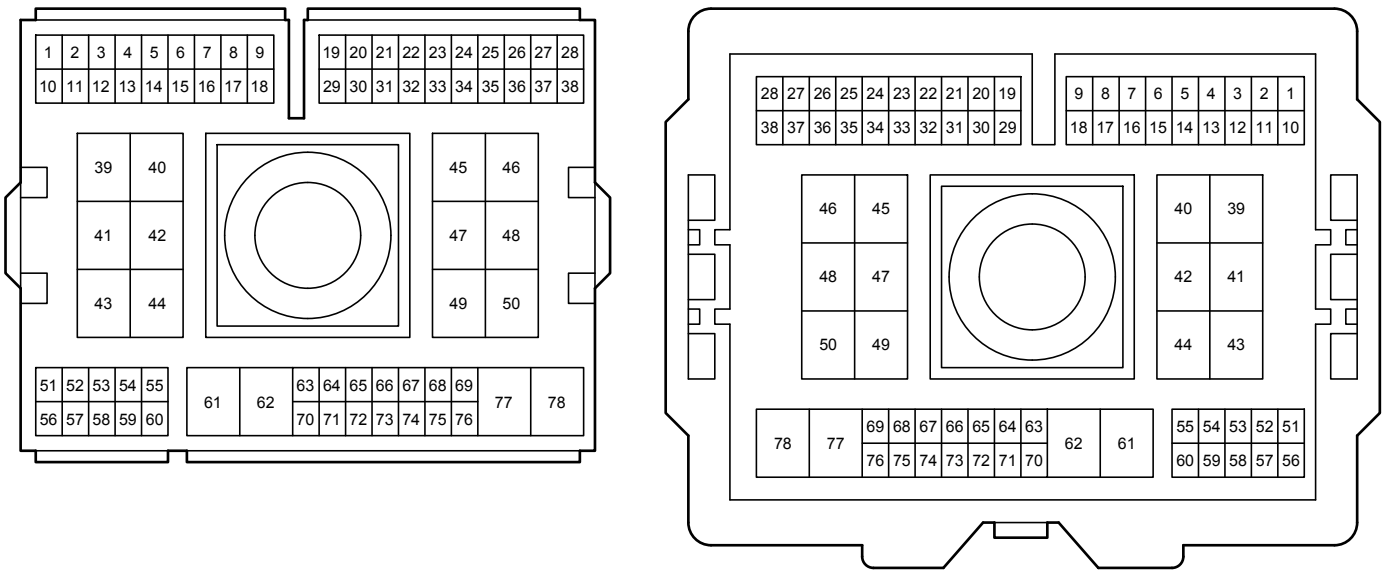



CU1
Black
Dark Gray
1 2 3
4 5 6
3 2 1
6 5 4

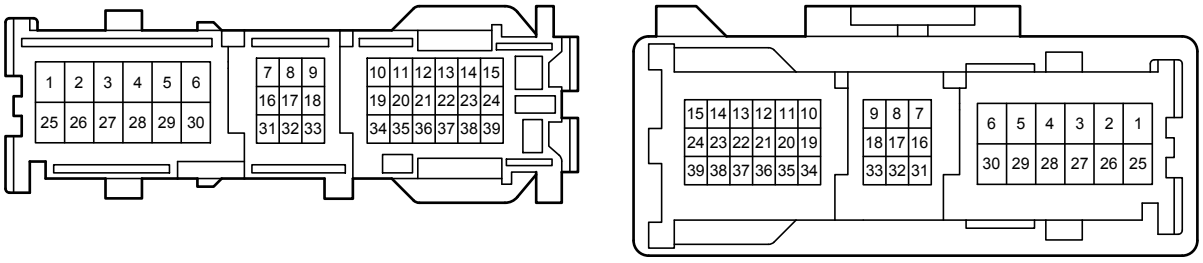

EA1
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45
48 47
50 49
40 39
42 41
44 43
78 77
69 68 67 66 65 64 63
76 75 74 73 72 71 70
62 61
55 54 53 52 51
60 59 58 57 56


EA2
White
Gray
1 2 3 4 5
6 7 8 9 10
11 12 13
14 15 16
17 18 19
20 21 22
23
24
25
26
27
28
29
30
31
32
33 34 35 36
37 38 39 40
41 42 43
44 45 46 47 48 49 50 51
52 53 54 55 56 57 58 59
22 21 20
16 15 14
19 18 17
13 12 11
5 4 3 2 1
10 9 8 7 6
30
31
32
28
29
26
27
23
24
25
51 50 49 48 47 46 45 44
59 58 57 56 55 54 53 52
43 42 41
36 35 34 33
40 39 38 37

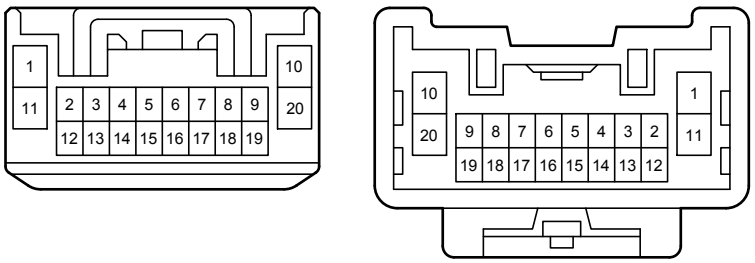
EA3
White



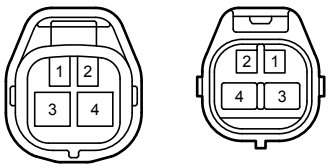
EA4
White



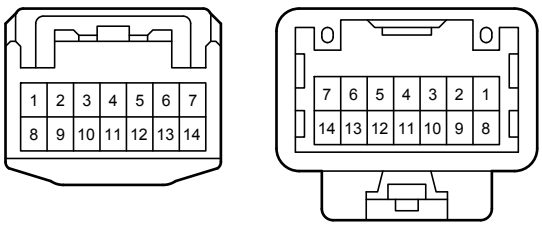
FE4
White



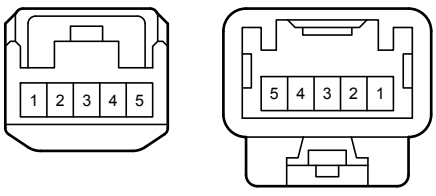
KN1
White

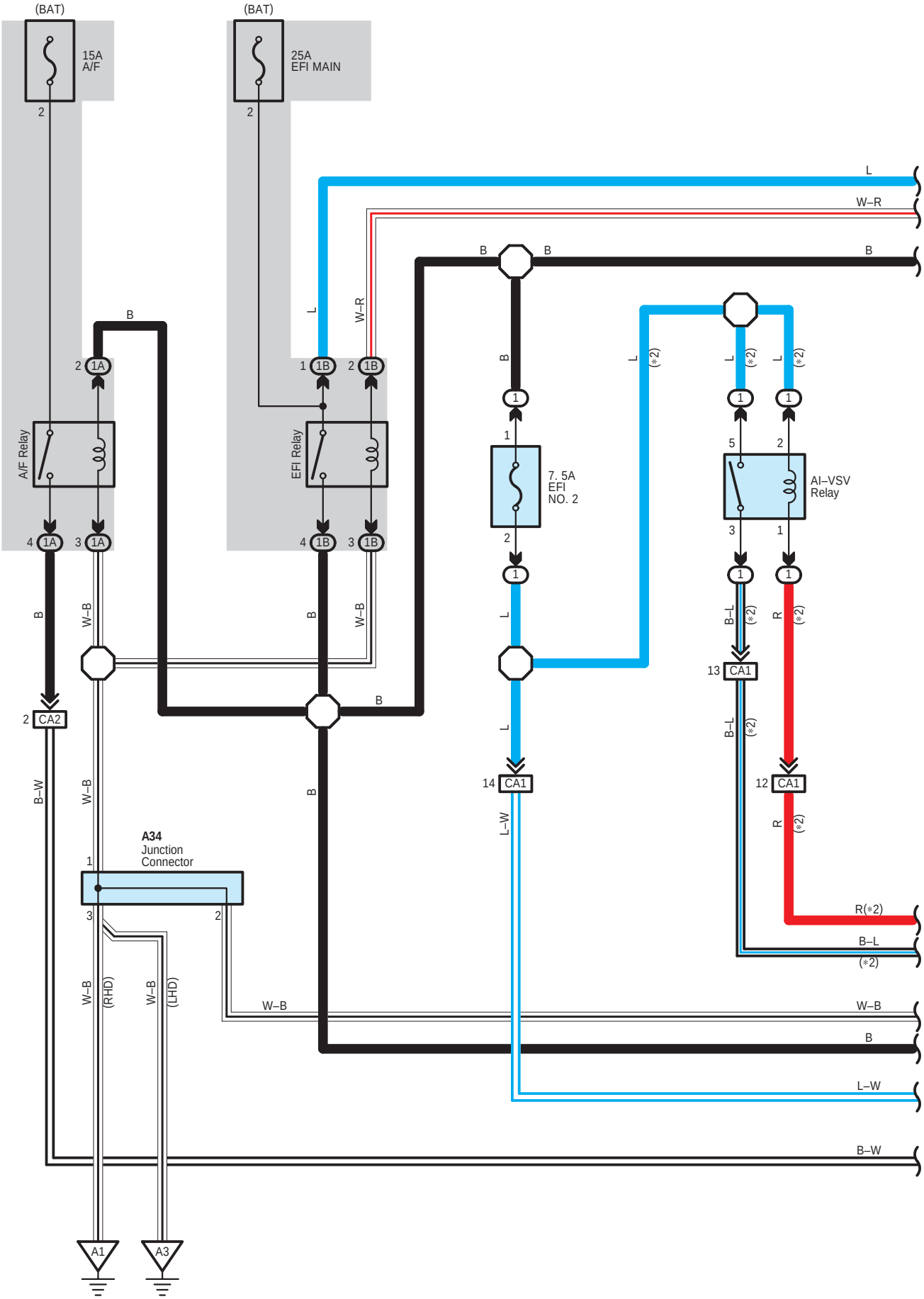


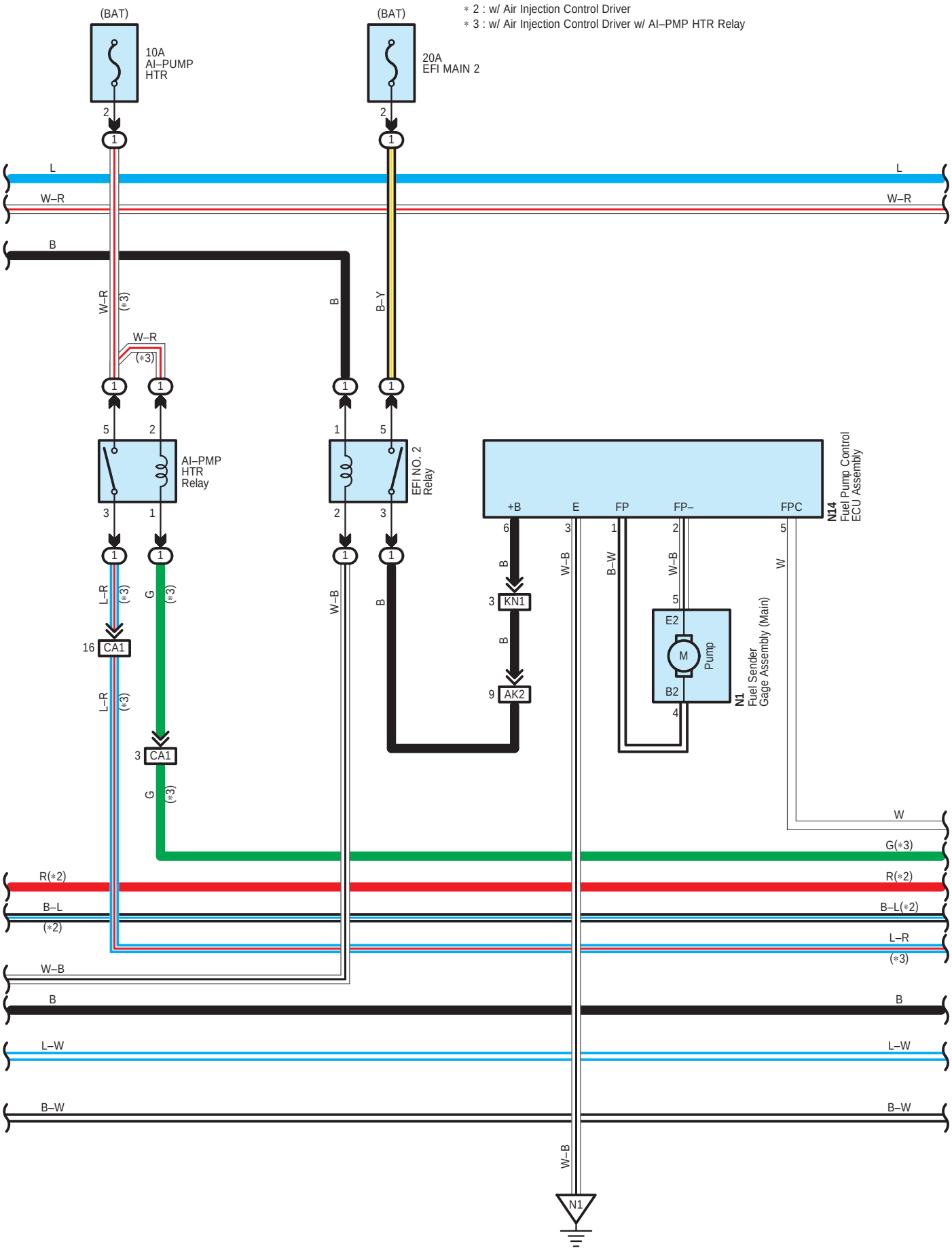
VE3
Gray

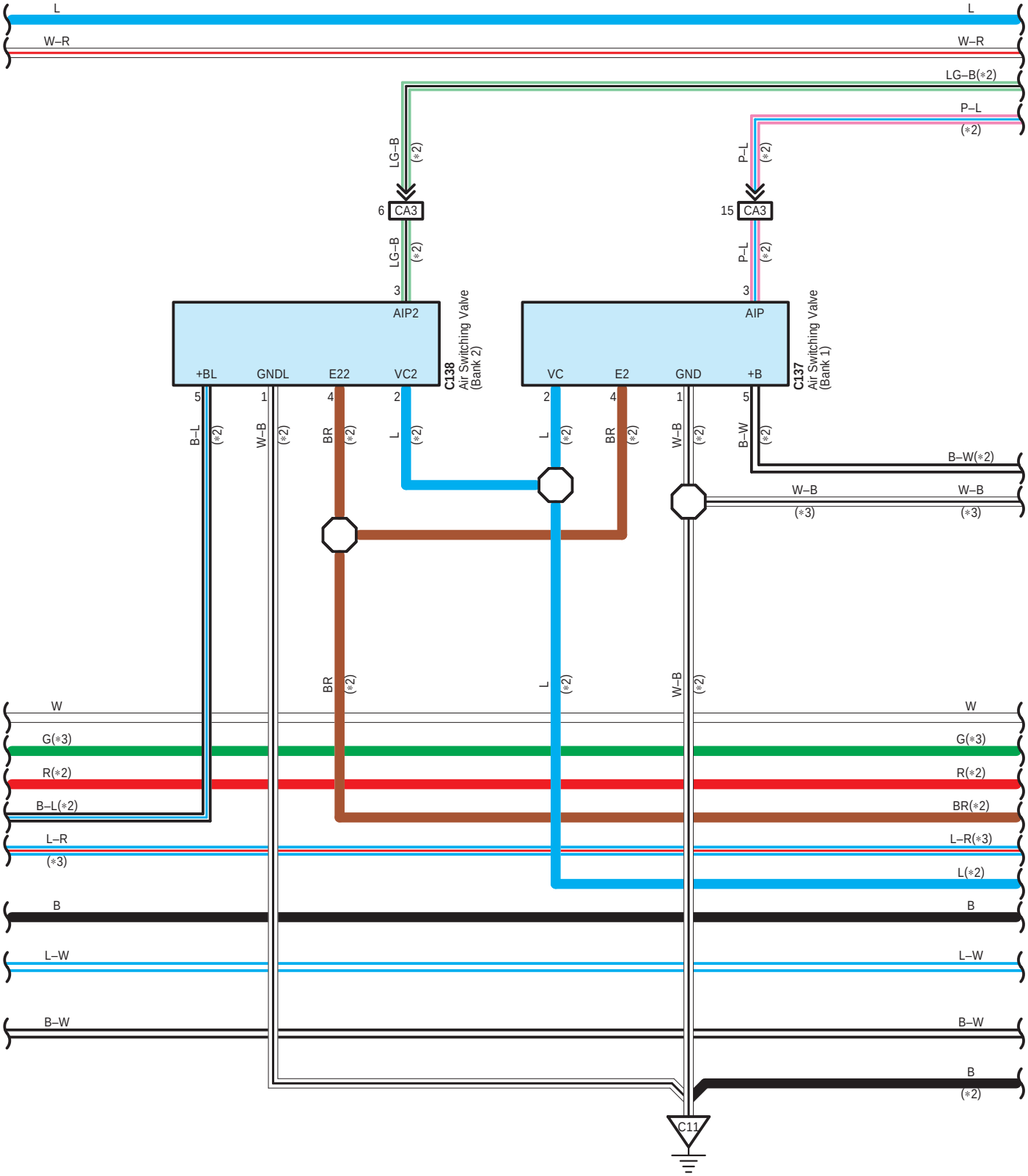


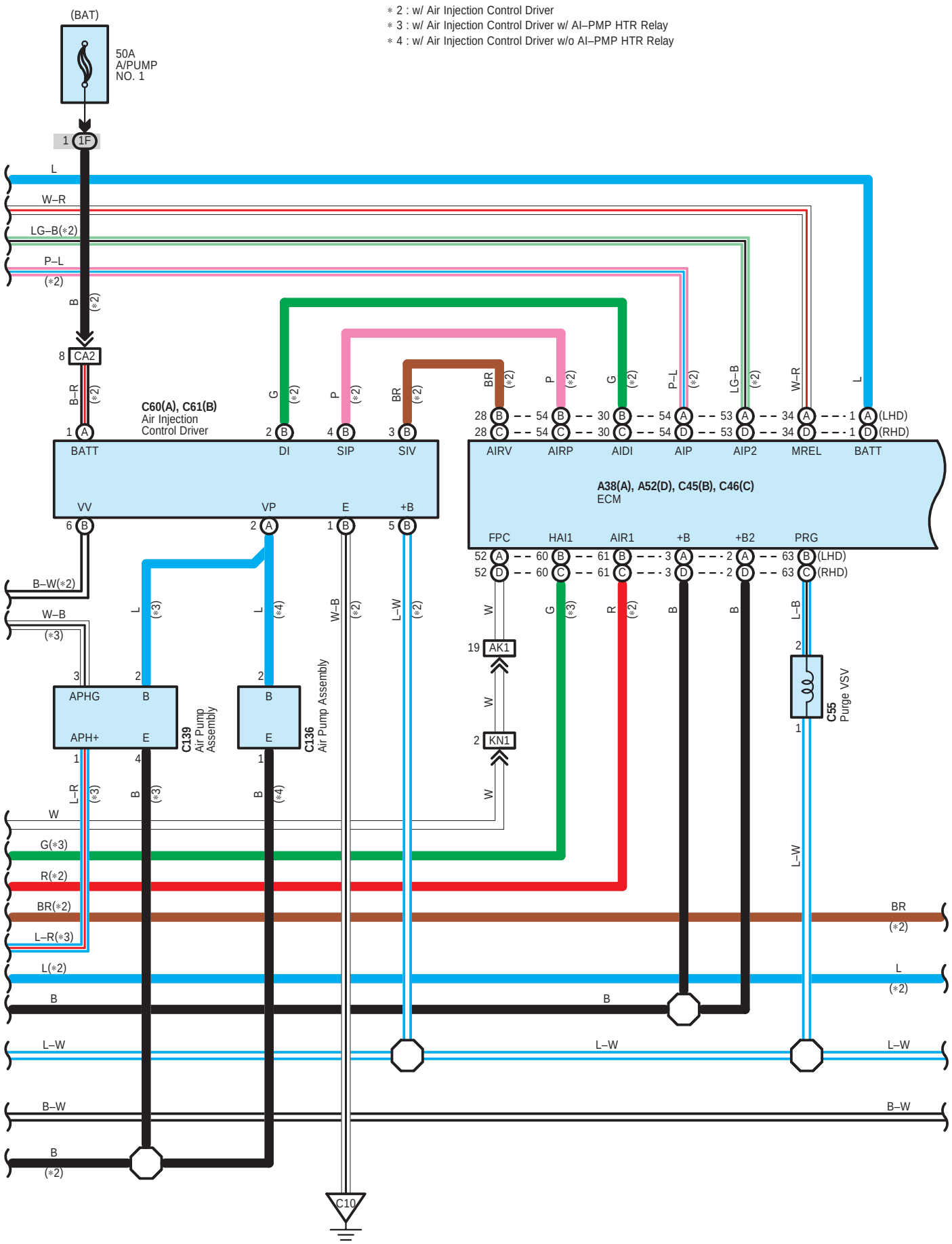
eA1
White

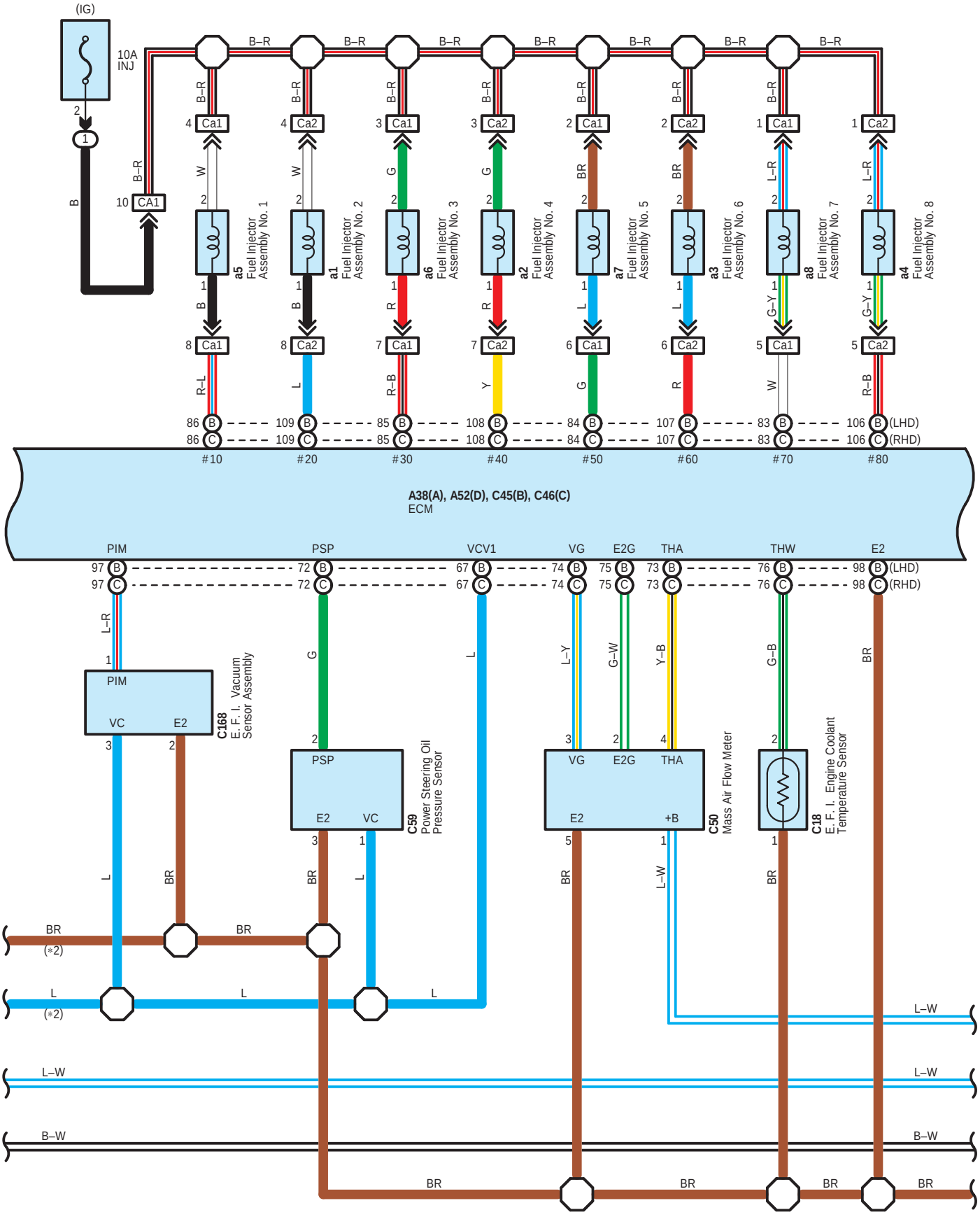


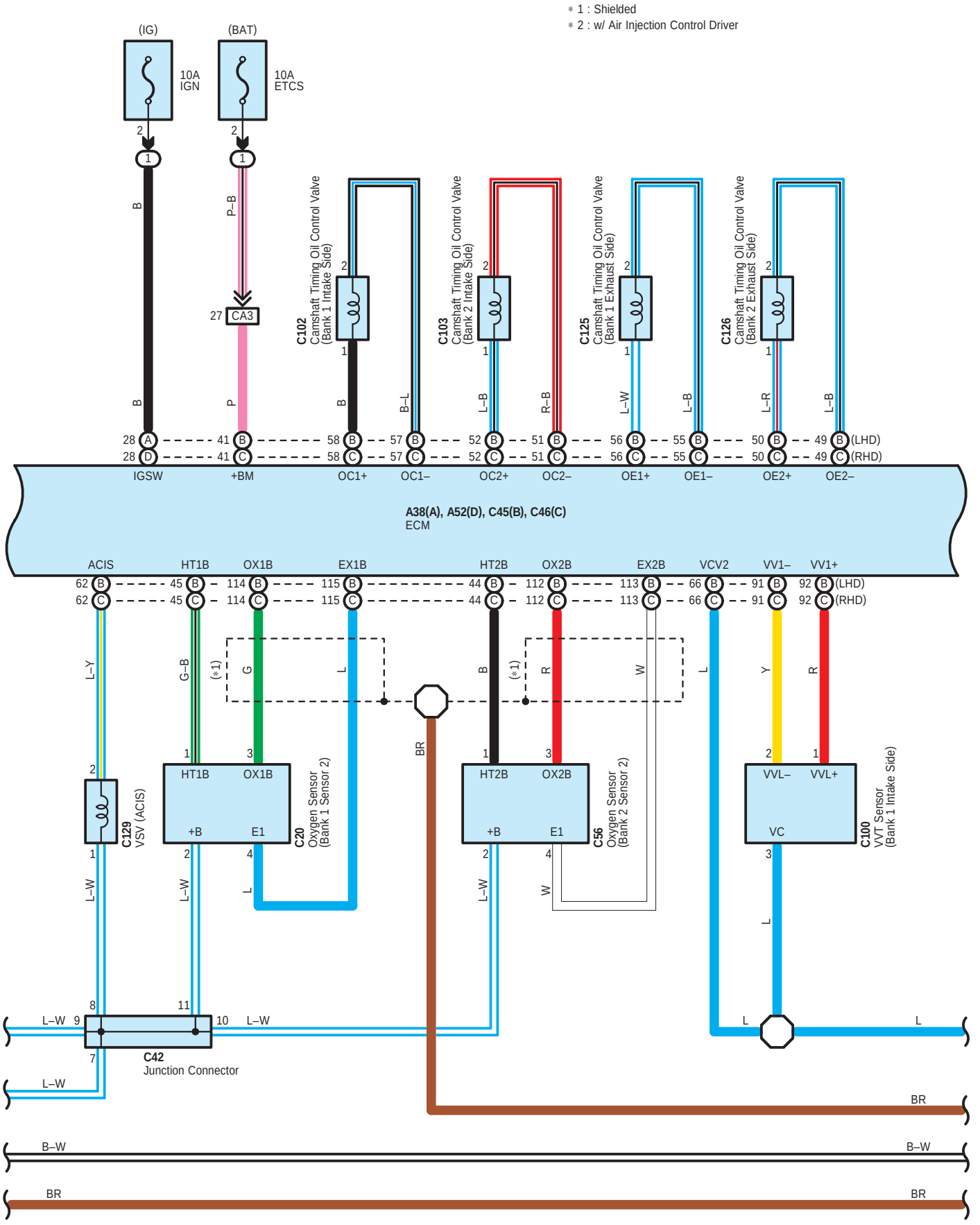

(BAT)
15A
A/F
2
(BAT)
25A
EFI MAIN
2
L
W–R
B
B
B
L
W–R
2 1A
1 1B
2 1B
A/F Relay
EFI Relay
4 1A
3 1A
4 1B
3 1B
B
W–B
B
W–B
B
2 CA2
B–W
W–B
B
B
A34
Junction
Connector
1
3
2
W–B
(RHD)
W–B
(LHD)
W–B
A1
A3
B
1
1
7. 5A
EFI
NO. 2
2
1
L
14 CA1
L–W
L
(*2)
L
(*2)
L
(*2)
1
1
5
2
AI–VSV
Relay
3
1
1
1
B–L
(*2)
R
(*2)
13 CA1
B–L
(*2)
12 CA1
R
(*2)
R(*2)
B–L
(*2)
W–B
B
L–W
B–W

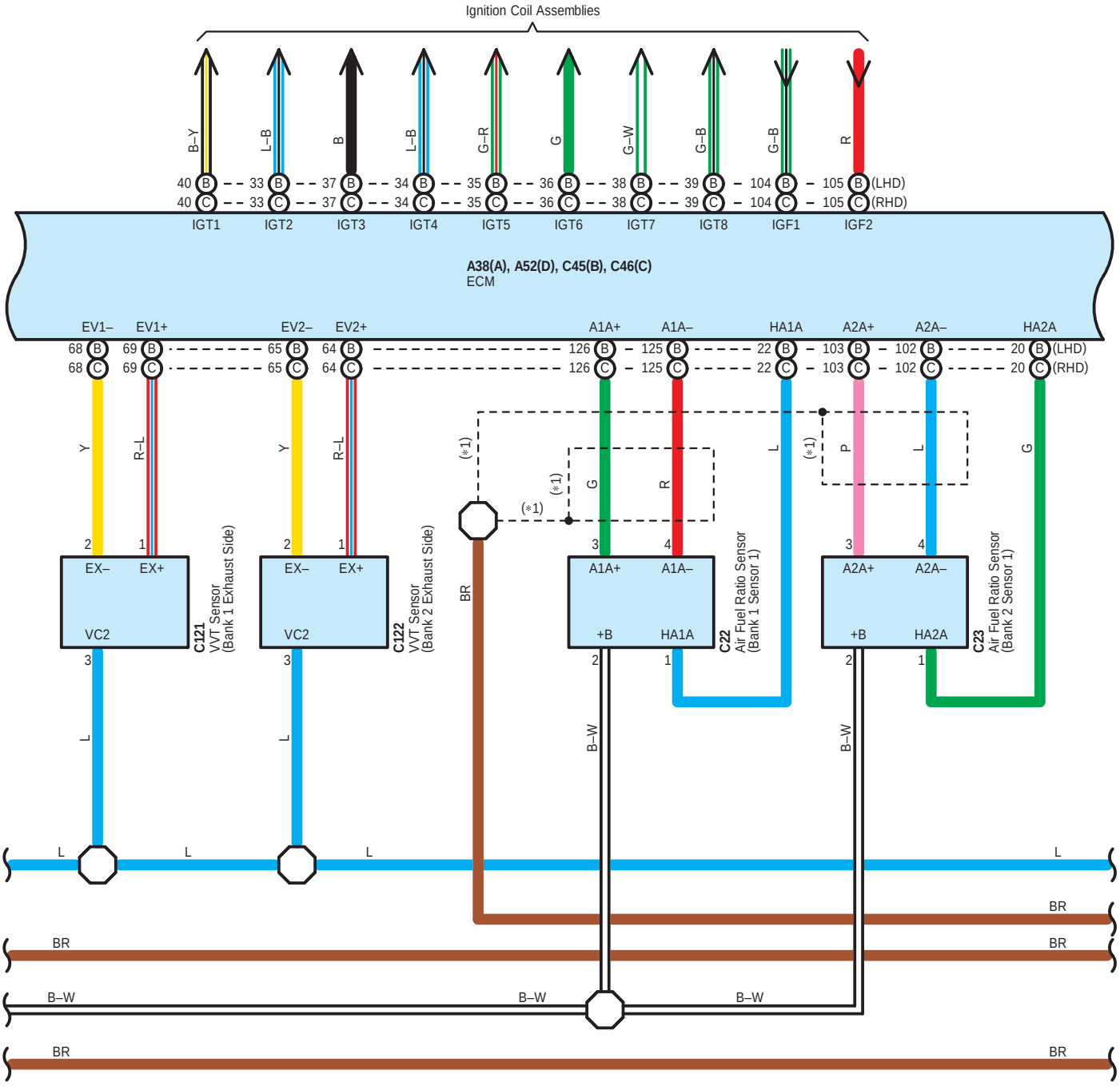

∗ 2 : w/ Air Injection Control Driver
∗ 3 : w/ Air Injection Control Driver w/ AI–PMP HTR Relay
(BAT)
10A
AI–PUMP
HTR
(BAT)
20A
EFI MAIN 2
AI–PMP
HTR
Relay
EFI NO. 2
Relay
N14
Fuel Pump Control
ECU Assembly
+B
E
FP
FP–
FPC
KN1
AK2
CA1
CA1
E2
M
Pump
B2
N1
Fuel Sender
Gage Assembly (Main)
N1
L
W–R
B
W–R
(∗3)
B
B–Y
L–R
(∗3)
G
(∗3)
W–B
B–W
W–B
W
G(∗3)
R(∗2)
B–L
(∗2)
L–R
(∗3)
W–B
B
L–W
B–W
W–B

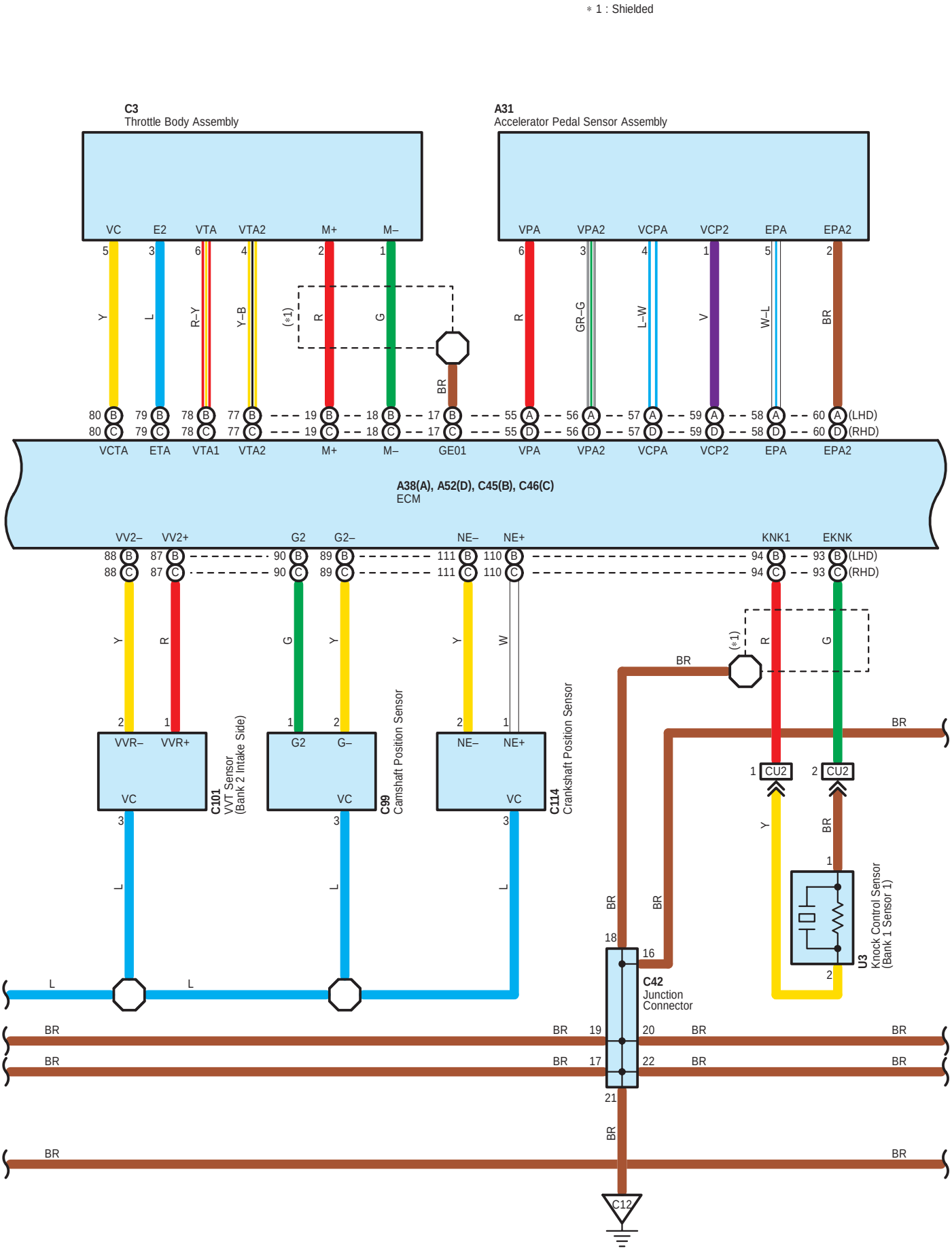

L
W–R
LG–B(∗2)
P–L
(∗2)
LG–B
(∗2)
6
CA3
3
AIP2
+BL
GNDL
E22
VC2
C138
Air Switching Valve
(Bank 2)
5
1
4
2
B–L
(∗2)
W–B
(∗2)
BR
(∗2)
L
(∗2)
P–L
(∗2)
15
CA3
3
AIP
VC
E2
GND
+B
C137
Air Switching Valve
(Bank 1)
2
4
1
5
L
(∗2)
BR
(∗2)
W–B
(∗2)
B–W
(∗2)
B–W(∗2)
W–B
(∗3)
W–B
(∗3)
BR
(∗2)
L
(∗2)
W–B
(∗2)
W
G(∗3)
R(∗2)
B–L(∗2)
L–R
(∗3)
B
L–W
B–W
W
G(∗3)
R(∗2)
BR(∗2)
L–R(∗3)
L(∗2)
B
L–W
B–W
B
(∗2)
C11

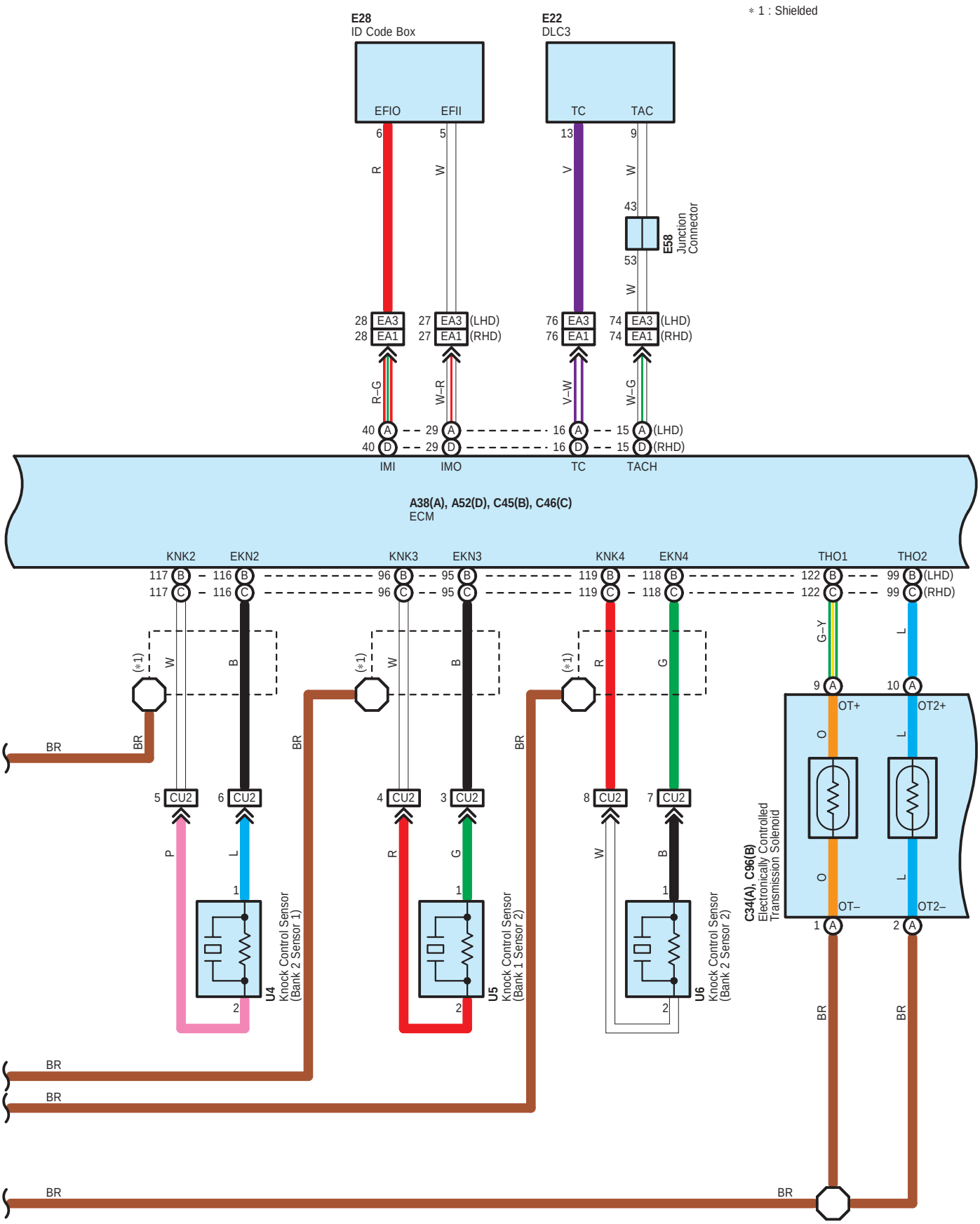

∗ 2 : w/ Air Injection Control Driver
∗ 3 : w/ Air Injection Control Driver w/ AI–PMP HTR Relay
∗ 4 : w/ Air Injection Control Driver w/o AI–PMP HTR Relay
(BAT)
50A
A/PUMP
NO. 1
1F
L
W–R
LG–B(∗2)
P–L
(∗2)
B
8 CA2
B–R
C60(A), C61(B)
Air Injection
Control Driver
BATT
DI
SIP
SIV
VV
VP
E
+B
A38(A), A52(D), C45(B), C46(C)
ECM
AIRV
AIRP
AIDI
AIP
AIP2
MREL
BATT
FPC
HAI1
AIR1
+B
+B2
PRG
(LHD)
(RHD)
B–W(∗2)
W–B
(∗3)
L
(∗3)
L
(∗4)
W–B
(∗2)
L–W
(∗2)
W
G
(∗3)
R
(∗2)
B
B
L–B
19 AK1
2 KN1
APHG
APH+
C139
Air Pump
Assembly
C136
Air Pump Assembly
C55
Purge VSV
L–R
(∗3)
B
(∗3)
B
(∗4)
W
G(∗3)
R(∗2)
BR(∗2)
L–R(∗3)
L(∗2)
B
L–W
B–W
B
(∗2)
C10
BR
(∗2)
L
(∗2)
L–W
B–W

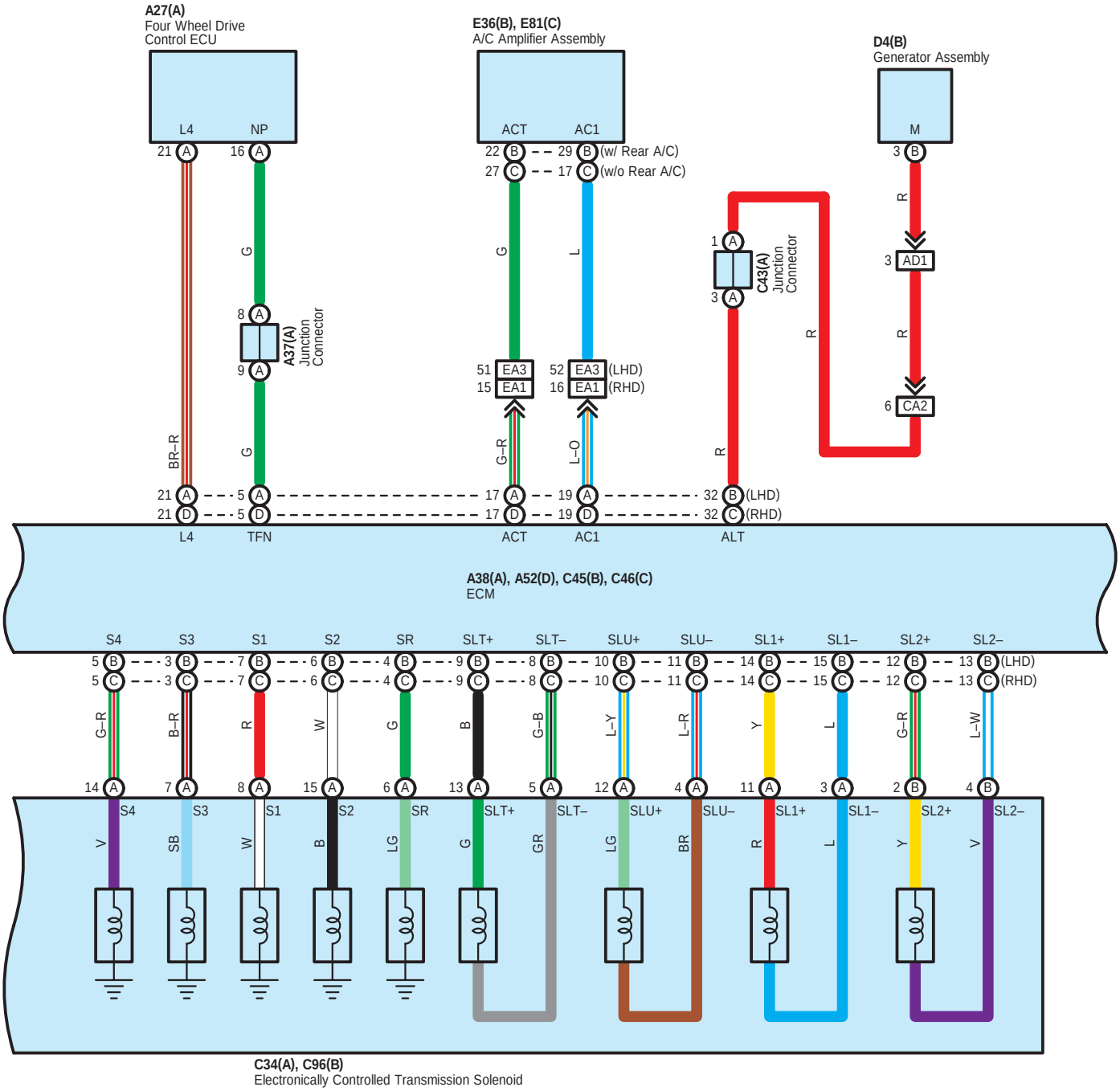

(IG)
10A
INJ
2
1
B
B–R
10 CA1
4 Ca1
4 Ca2
3 Ca1
3 Ca2
2 Ca1
2 Ca2
1 Ca1
1 Ca2
W
G
BR
L–R
G–Y
a5 Fuel Injector Assembly No. 1
a1 Fuel Injector Assembly No. 2
a6 Fuel Injector Assembly No. 3
a2 Fuel Injector Assembly No. 4
a7 Fuel Injector Assembly No. 5
a3 Fuel Injector Assembly No. 6
a8 Fuel Injector Assembly No. 7
a4 Fuel Injector Assembly No. 8
8 Ca1
8 Ca2
7 Ca1
7 Ca2
6 Ca1
6 Ca2
5 Ca1
5 Ca2
R–L
L
R–B
Y
G
R
W
86 B
86 C
109 B
109 C
85 B
85 C
108 B
108 C
84 B
84 C
107 B
107 C
83 B
83 C
106 B (LHD)
106 C (RHD)
#10
#20
#30
#40
#50
#60
#70
#80
A38(A), A52(D), C45(B), C46(C)
ECM
PIM
PSP
VCV1
VG
E2G
THA
THW
E2
97 B
97 C
72 B
72 C
67 B
67 C
74 B
74 C
75 B
75 C
73 B
73 C
76 B
76 C
98 B (LHD)
98 C (RHD)
L–R
G
L
L–Y
G–W
Y–B
G–B
BR
PIM
VC
E2
C168 E. F. I. Vacuum Sensor Assembly
PSP
E2
VC
C59 Power Steering Oil Pressure Sensor
VG
E2G
THA
E2
+B
C50 Mass Air Flow Meter
C18 E. F. I. Engine Coolant Temperature Sensor
L–W
B–W
(*2)

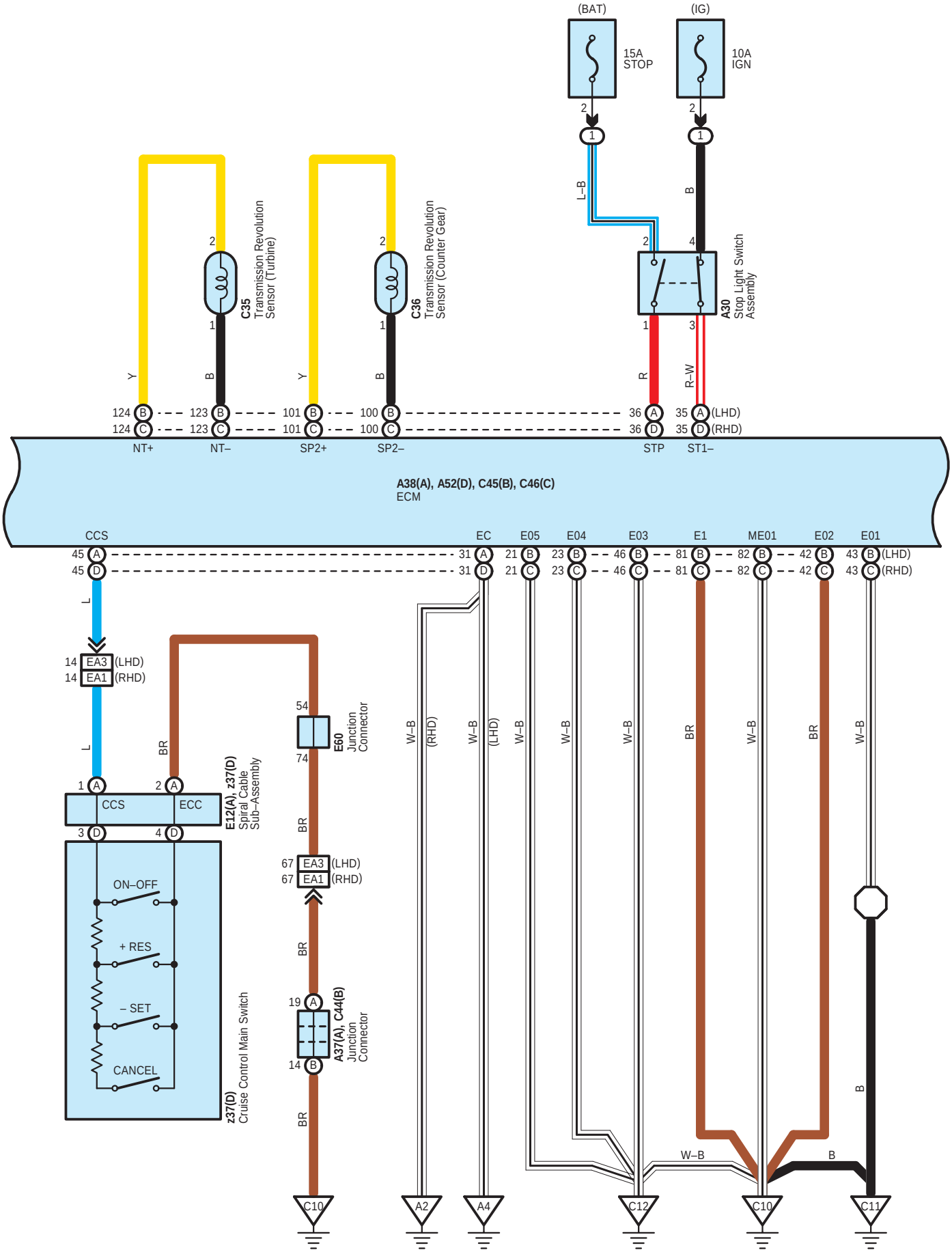

* 1 : Shielded
* 2 : w/ Air Injection Control Driver
(IG)
(BAT)
10A IGN
10A ETCS
C102 Camshaft Timing Oil Control Valve (Bank 1 Intake Side)
C103 Camshaft Timing Oil Control Valve (Bank 2 Intake Side)
C125 Camshaft Timing Oil Control Valve (Bank 1 Exhaust Side)
C126 Camshaft Timing Oil Control Valve (Bank 2 Exhaust Side)
CA3
IGSW
+BM
OC1+
OC1–
OC2+
OC2–
OE1+
OE1–
OE2+
OE2–
(LHD)
(RHD)
A38(A), A52(D), C45(B), C46(C)
ECM
ACIS
HT1B
OX1B
EX1B
HT2B
OX2B
EX2B
VCV2
VV1–
VV1+
C129 VSV (ACIS)
C20 Oxygen Sensor (Bank 1 Sensor 2)
C56 Oxygen Sensor (Bank 2 Sensor 2)
C100 VVT Sensor (Bank 1 Intake Side)
C42 Junction Connector
+B
E1
VC
(*1)
L–Y
G–B
G
L
B
R
W
Y
R
L–W
BR
B–W

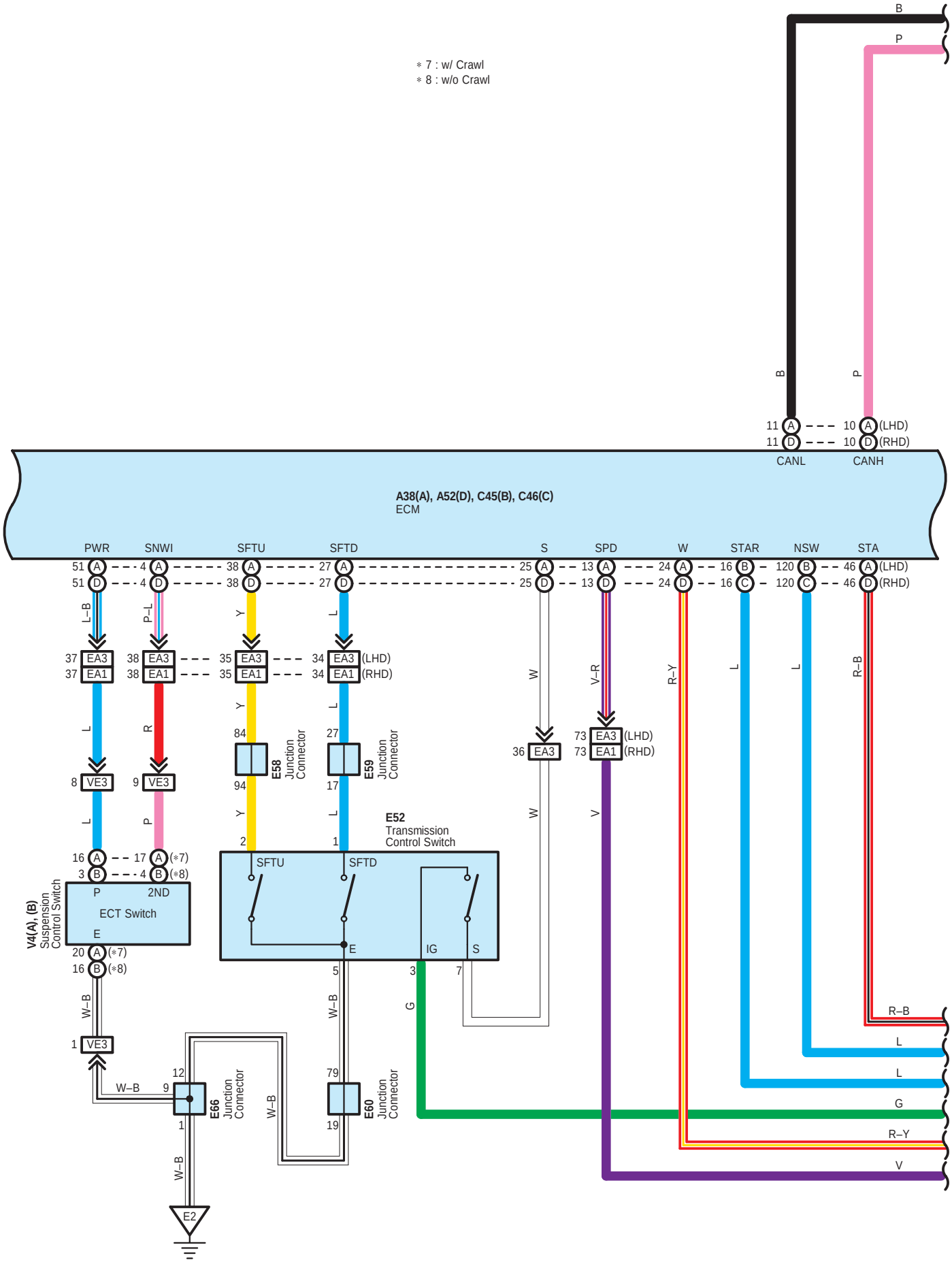

Ignition Coil Assemblies
B–Y
L–B
B
L–B
G–R
G
G–W
G–B
G–B
R
40 B 33 B 37 B 34 B 35 B 36 B 38 B 39 B 104 B 105 B (LHD)
40 C 33 C 37 C 34 C 35 C 36 C 38 C 39 C 104 C 105 C (RHD)
IGT1 IGT2 IGT3 IGT4 IGT5 IGT6 IGT7 IGT8 IGF1 IGF2
A38(A), A52(D), C45(B), C46(C)
ECM
EV1– EV1+ EV2– EV2+ A1A+ A1A– HA1A A2A+ A2A– HA2A
68 B 69 B 65 B 64 B 126 B 125 B 22 B 103 B 102 B 20 B (LHD)
68 C 69 C 65 C 64 C 126 C 125 C 22 C 103 C 102 C 20 C (RHD)
Y
R–L
Y
R–L
(*1)
(*1)
(*1)
G
R
L
(*1)
P
L
G
2 1 2 1 3 4 3 4
EX– EX+ EX– EX+ A1A+ A1A– A2A+ A2A–
VC2 VC2 +B HA1A +B HA2A
3 3 2 1 2 1
C121 VVT Sensor (Bank 1 Exhaust Side)
C122 VVT Sensor (Bank 2 Exhaust Side)
C22 Air Fuel Ratio Sensor (Bank 1 Sensor 1)
C23 Air Fuel Ratio Sensor (Bank 2 Sensor 1)
BR
L
B–W
L
L
L
L
L
BR
BR
BR
B–W
B–W
B–W
BR
BR

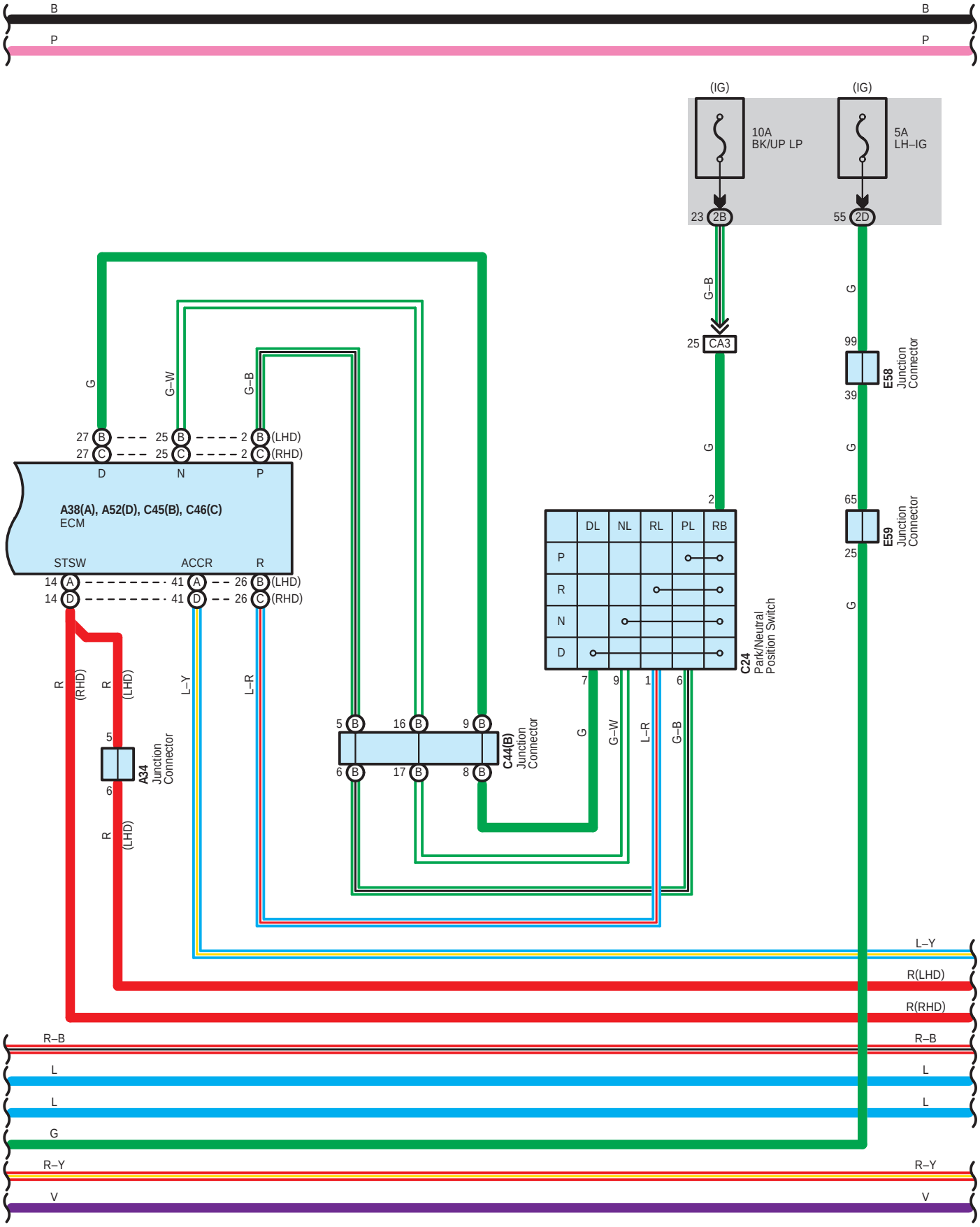

∗1 : Shielded
C3
Throttle Body Assembly
A31
Accelerator Pedal Sensor Assembly
VC
E2
VTA
VTA2
M+
M–
VPA
VPA2
VCPA
VCP2
EPA
EPA2
VCTA
ETA
VTA1
GE01
(LHD)
(RHD)
A38(A), A52(D), C45(B), C46(C)
ECM
VV2–
VV2+
G2
G2–
NE–
NE+
KNK1
EKNK
VVR–
VVR+
C101
VVT Sensor
(Bank 2 Intake Side)
C99
Camshaft Position Sensor
C114
Crankshaft Position Sensor
CU2
U3
Knock Control Sensor
(Bank 1 Sensor 1)
C42
Junction
Connector
C12

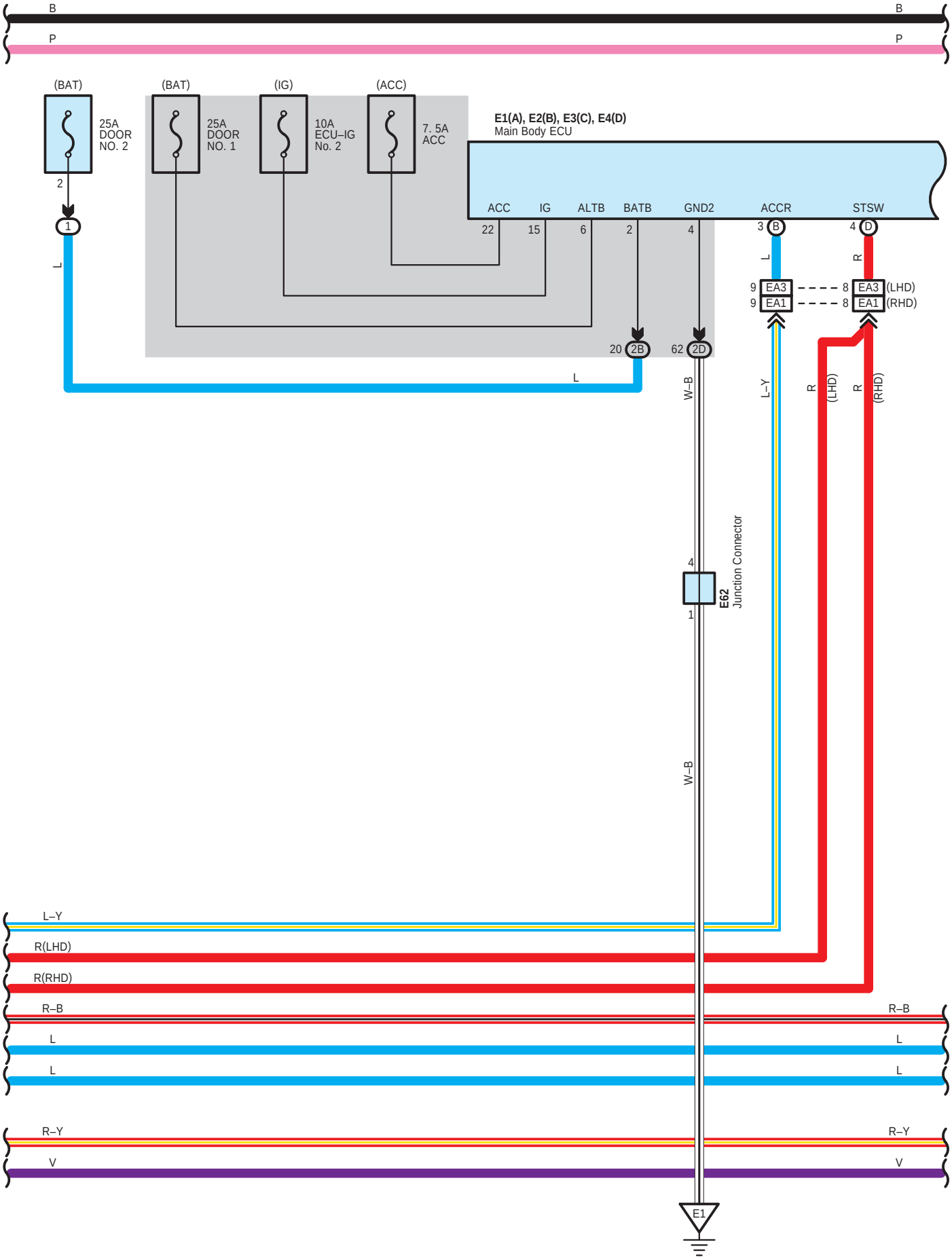

* 1 : Shielded
E28
ID Code Box
EFIO
EFII
E22
DLC3
TC
TAC
E58
Junction Connector
A38(A), A52(D), C45(B), C46(C)
ECM
IMI
IMO
TC
TACH
KNK2
EKN2
KNK3
EKN3
KNK4
EKN4
THO1
THO2
(LHD)
(RHD)
U4
Knock Control Sensor (Bank 2 Sensor 1)
U5
Knock Control Sensor (Bank 1 Sensor 2)
U6
Knock Control Sensor (Bank 2 Sensor 2)
C34(A), C96(B)
Electronically Controlled Transmission Solenoid
OT+
OT–
OT2+
OT2–
CU2
EA3
EA1
BR

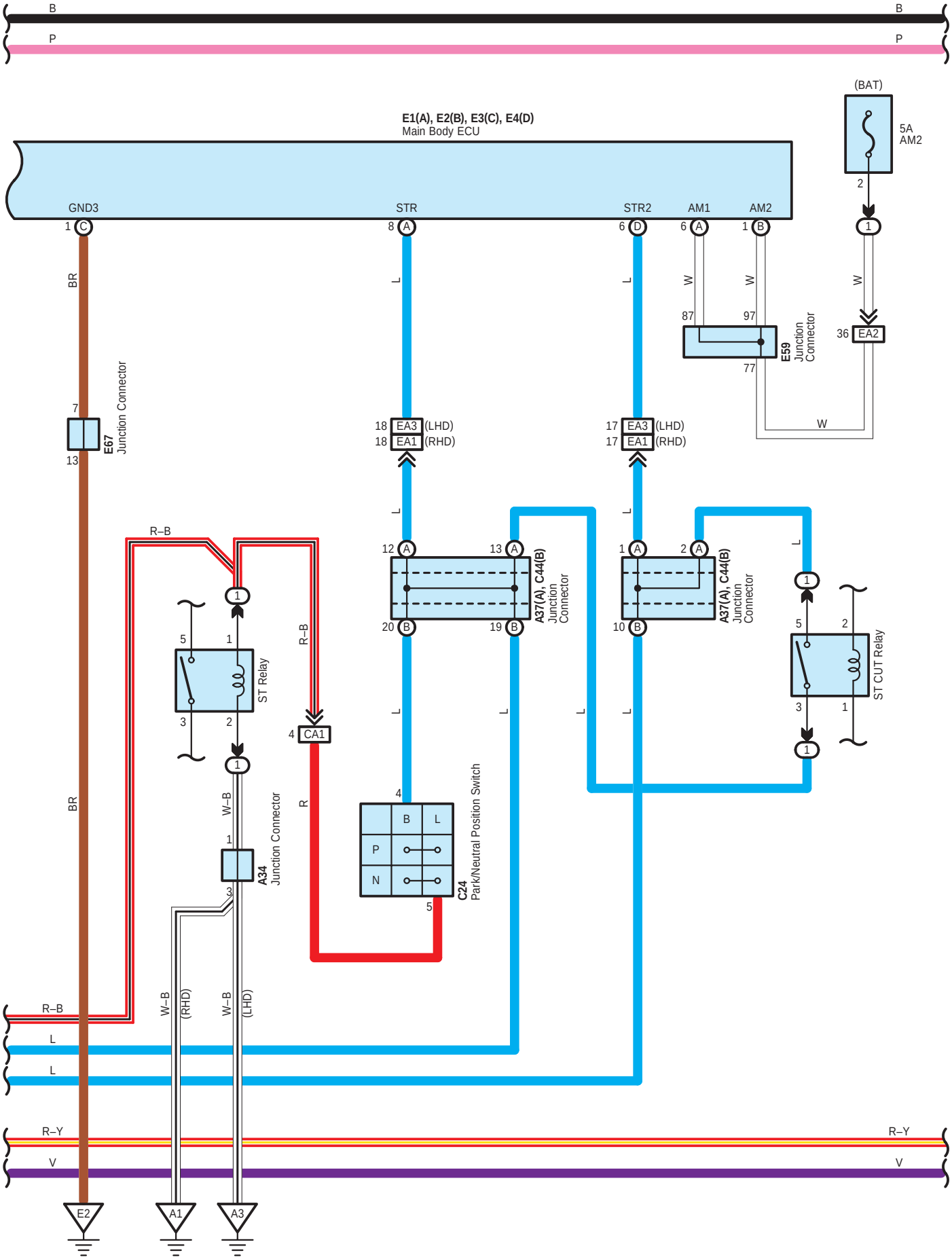

A27(A)
Four Wheel Drive Control ECU
L4
NP
E36(B), E81(C)
A/C Amplifier Assembly
ACT
AC1
D4(B)
Generator Assembly
M
(w/ Rear A/C)
(w/o Rear A/C)
A37(A) Junction Connector
C43(A) Junction Connector
EA3
EA1
(LHD)
(RHD)
AD1
CA2
TFN
ALT
A38(A), A52(D), C45(B), C46(C)
ECM
S4
S3
S1
S2
SR
SLT+
SLT–
SLU+
SLU–
SL1+
SL1–
SL2+
SL2–
C34(A), C96(B)
Electronically Controlled Transmission Solenoid

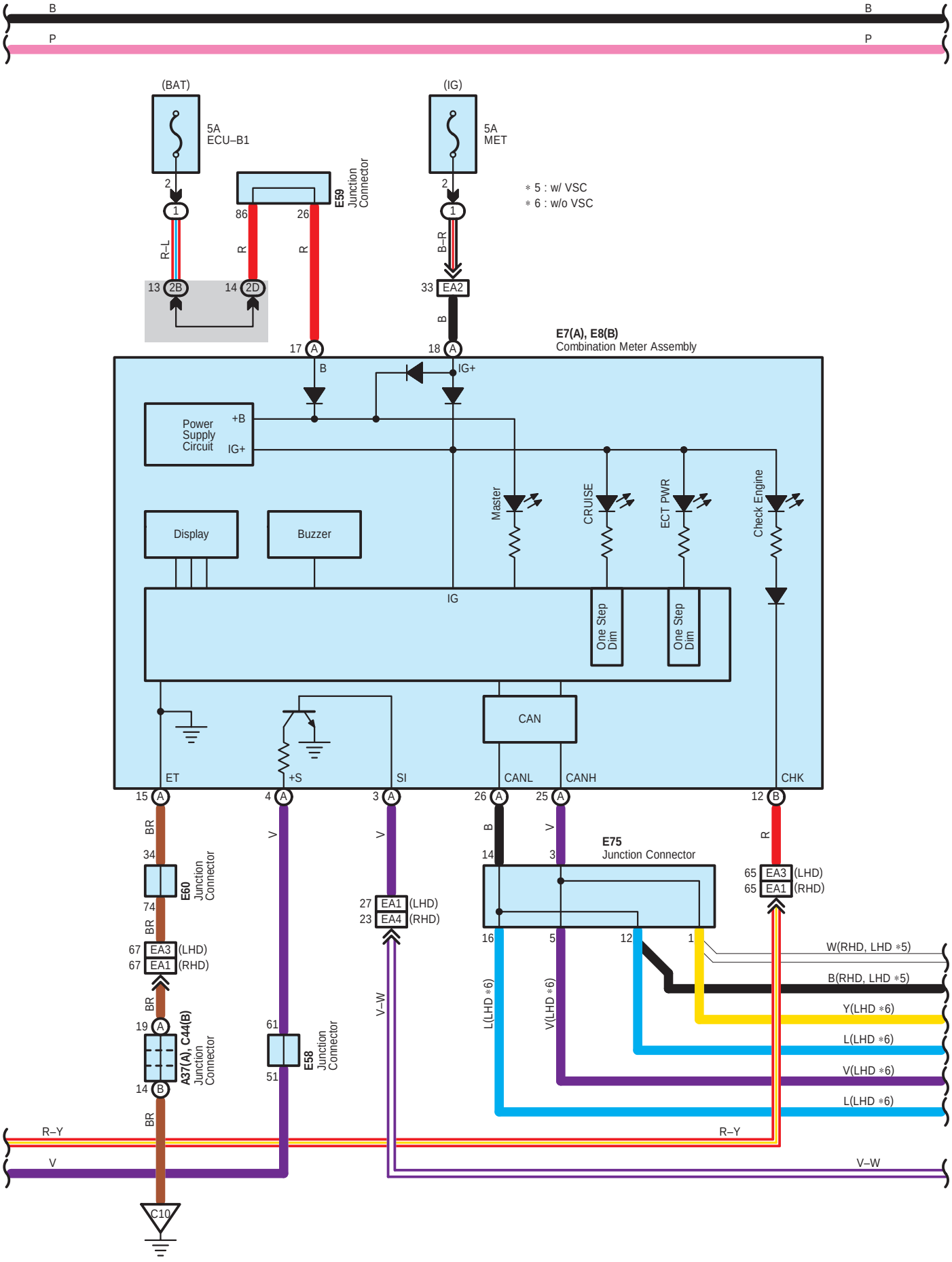

(BAT)
(IG)
15A
STOP
10A
IGN
C35
Transmission Revolution
Sensor (Turbine)
C36
Transmission Revolution
Sensor (Counter Gear)
A30
Stop Light Switch
Assembly
NT+
NT–
SP2+
SP2–
STP
ST1–
A38(A), A52(D), C45(B), C46(C)
ECM
CCS
EC
E05
E04
E03
E1
ME01
E02
E01
E12(A), z37(D)
Spiral Cable
Sub–Assembly
E60
Junction
Connector
A37(A), C44(B)
Junction
Connector
z37(D)
Cruise Control Main Switch
ON–OFF
+ RES
– SET
CANCEL
W–B
BR
L
L–B
B
R
R–W
Y
(RHD)
(LHD)
C10
A2
A4
C12
C11

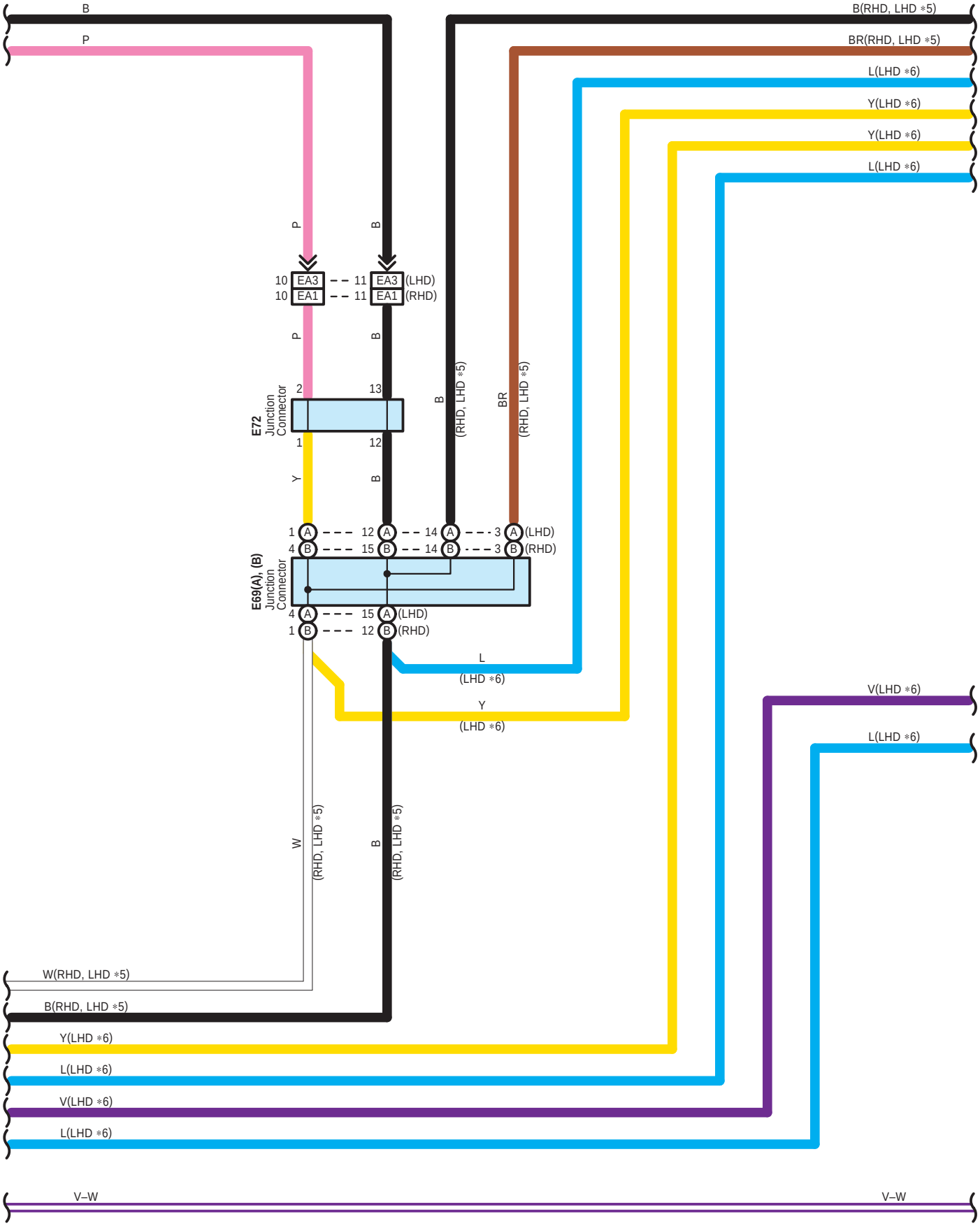

∗ 7 : w/ Crawl
∗ 8 : w/o Crawl
B
P
11 A 10 A (LHD)
11 D 10 D (RHD)
CANL
CANH
A38(A), A52(D), C45(B), C46(C)
ECM
PWR
SNWI
SFTU
SFTD
S
SPD
W
STAR
NSW
STA
51 A 4 A 38 A 27 A 25 A 13 A 24 A 16 B 120 B 46 A (LHD)
51 D 4 D 38 D 27 D 25 D 13 D 24 D 16 C 120 C 46 D (RHD)
L–B
P–L
Y
L
W
V–R
R–Y
L
L
R–B
37 EA3 38 EA3 35 EA3 34 EA3 (LHD)
37 EA1 38 EA1 35 EA1 34 EA1 (RHD)
36 EA3
73 EA3 (LHD)
73 EA1 (RHD)
8 VE3
9 VE3
84
94
27
17
E58 Junction Connector
E59 Junction Connector
E52 Transmission Control Switch
SFTU
SFTD
E
IG
S
2
1
16 A 17 A (∗7)
3 B 4 B (∗8)
P
2ND
ECT Switch
E
V4(A), (B) Suspension Control Switch
20 A (∗7)
16 B (∗8)
5
3
7
G
W–B
1 VE3
12
9
1
E66 Junction Connector
79
19
E60 Junction Connector
E2
R–B
L
L
G
R–Y
V

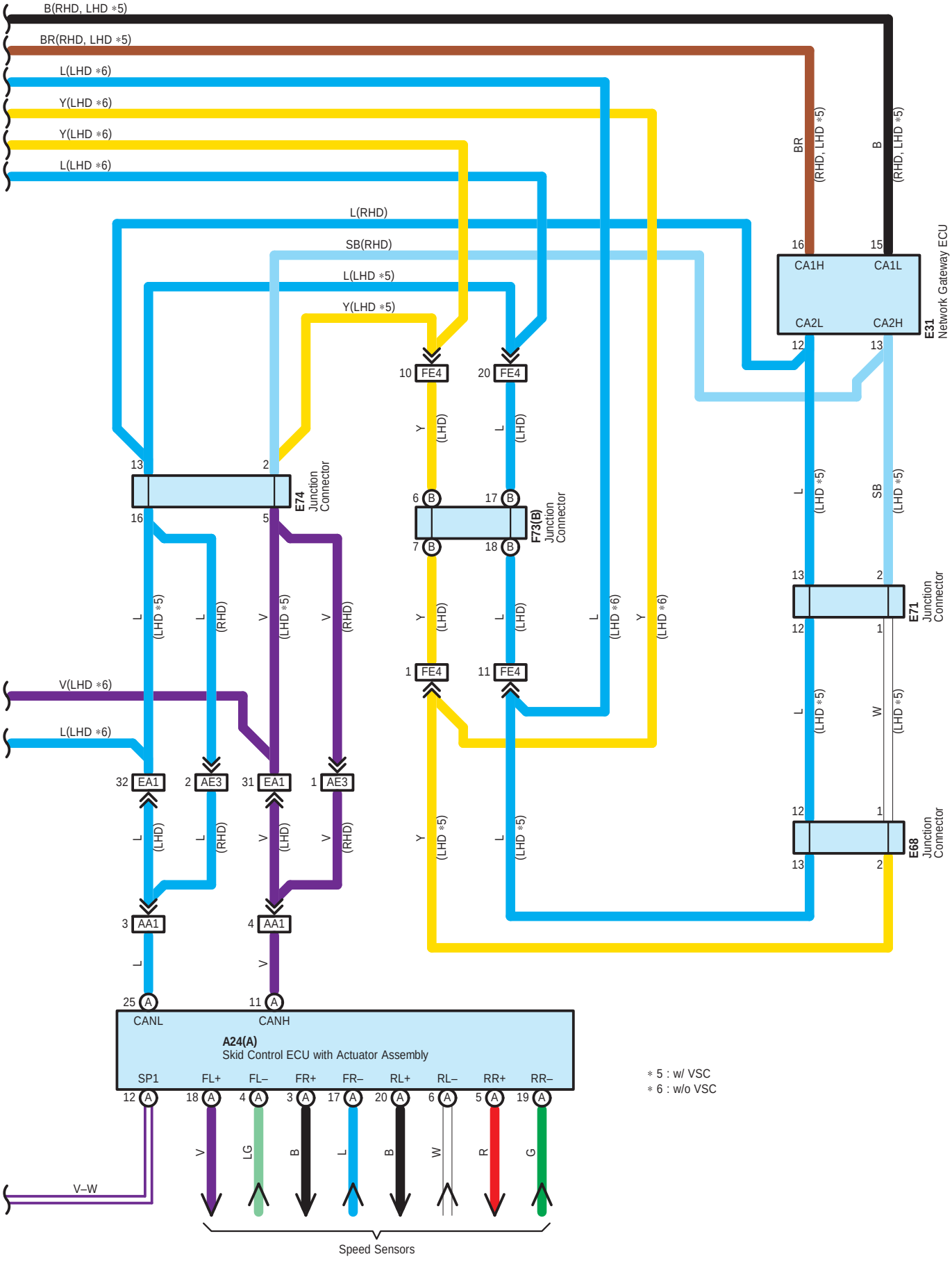

B
P
(IG)
10A
BK/UP LP
(IG)
5A
LH–IG
23 2B
55 2D
G–B
25 CA3
G
99
E58
Junction
Connector
39
65
E59
Junction
Connector
25
2
DL NL RL PL RB
P
R
N
D
C24
Park/Neutral
Position Switch
7 9 1 6
G
G–W
L–R
G–B
G–W
G–B
27 B 25 B 2 B (LHD)
27 C 25 C 2 C (RHD)
D N P
A38(A), A52(D), C45(B), C46(C)
ECM
STSW ACCR R
14 A 41 A 26 B (LHD)
14 D 41 D 26 C (RHD)
R (RHD)
R (LHD)
L–Y
L–R
5
6
A34
Junction
Connector
5 B 16 B 9 B
6 B 17 B 8 B
C44(B)
Junction
Connector
L–Y
R(LHD)
R(RHD)
R–B
L
L
G
R–Y
V


B
P
(BAT)
25A
DOOR
NO. 2
(BAT)
25A
DOOR
NO. 1
(IG)
10A
ECU–IG
No. 2
(ACC)
7. 5A
ACC
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
ACC
IG
ALTB
BATB
GND2
ACCR
STSW
22
15
6
2
4
3 B
4 D
2
1
L
20 2B
62 2D
W–B
L–Y
R
(LHD)
R
(RHD)
9 EA3
9 EA1
8 EA3 (LHD)
8 EA1 (RHD)
4
1
E62
Junction Connector
W–B
L–Y
R(LHD)
R(RHD)
R–B
L
L
R–Y
V
E1

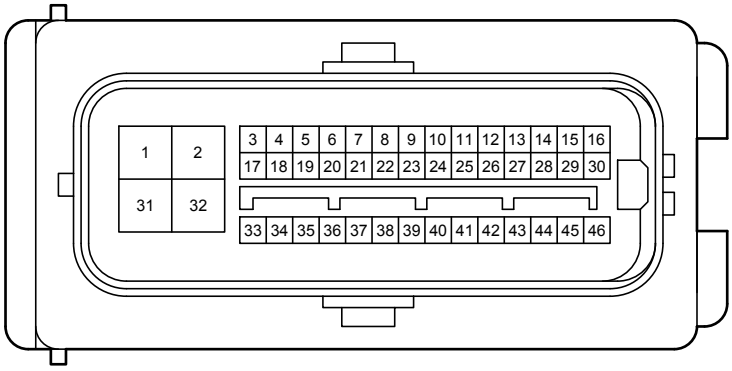

B
P
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
GND3
STR
STR2
AM1
AM2
(BAT)
5A
AM2
E67
Junction Connector
E59
Junction Connector
EA2
EA3 (LHD)
EA1 (RHD)
A37(A), C44(B)
Junction Connector
ST Relay
ST CUT Relay
CA1
A34
Junction Connector
C24
Park/Neutral Position Switch
R–B
BR
L
W
W–B
R
R–Y
V
W
(RHD)
(LHD)
E2
A1
A3


B
P
(BAT)
5A
ECU–B1
(IG)
5A
MET
＊5 : w/ VSC
＊6 : w/o VSC
E59
Junction
Connector
R–L
R
B–R
B
E7(A), E8(B)
Combination Meter Assembly
Power
Supply
Circuit
+B
IG+
Display
Buzzer
Master
CRUISE
ECT PWR
Check Engine
IG
One Step
Dim
CAN
ET
+S
SI
CANL
CANH
CHK
E60
Junction
Connector
E75
Junction Connector
E58
Junction
Connector
A37(A), C44(B)
Junction
Connector
(LHD)
(RHD)
W(RHD, LHD ＊5)
B(RHD, LHD ＊5)
Y(LHD ＊6)
L(LHD ＊6)
V(LHD ＊6)
L(LHD ＊6)
R–Y
V–W
C10

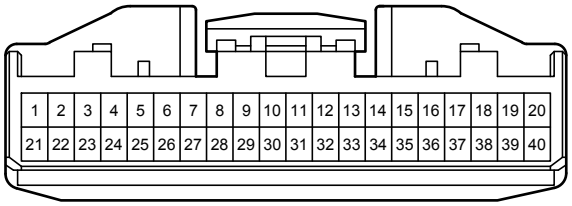

B
P
B(RHD, LHD ∗5)
BR(RHD, LHD ∗5)
L(LHD ∗6)
Y(LHD ∗6)
Y(LHD ∗6)
L(LHD ∗6)
P
B
10 EA3 11 EA3 (LHD)
10 EA1 11 EA1 (RHD)
P
B
E72 Junction Connector
2
13
1
12
B (RHD, LHD ∗5)
BR (RHD, LHD ∗5)
Y
B
1 A 12 A 14 A 3 A (LHD)
4 B 15 B 14 B 3 B (RHD)
E69(A), (B) Junction Connector
4 A 15 A (LHD)
1 B 12 B (RHD)
L
(LHD ∗6)
Y
(LHD ∗6)
V(LHD ∗6)
L(LHD ∗6)
W
(RHD, LHD ∗5)
B
(RHD, LHD ∗5)
W(RHD, LHD ∗5)
B(RHD, LHD ∗5)
Y(LHD ∗6)
L(LHD ∗6)
V(LHD ∗6)
L(LHD ∗6)
V–W
V–W


B(RHD, LHD *5)
BR(RHD, LHD *5)
L(LHD *6)
Y(LHD *6)
Y(LHD *6)
L(LHD *6)
L(RHD)
SB(RHD)
L(LHD *5)
Y(LHD *5)
BR (RHD, LHD *5)
B (RHD, LHD *5)
16 CA1H
15 CA1L
CA2L 12
CA2H 13
E31 Network Gateway ECU
10 FE4
20 FE4
Y (LHD)
L (LHD)
13
2
E74 Junction Connector
16
5
6 B
17 B
7 B
18 B
F73(B) Junction Connector
L (LHD *5)
L (RHD)
V (LHD *5)
V (RHD)
Y (LHD)
L (LHD)
L (LHD *6)
Y (LHD *6)
1 FE4
11 FE4
13
2
12
1
E71 Junction Connector
V(LHD *6)
L(LHD *6)
32 EA1
2 AE3
31 EA1
1 AE3
L (LHD)
L (RHD)
V (LHD)
V (RHD)
Y (LHD *5)
L (LHD *5)
L (LHD *5)
W (LHD *5)
12
1
13
2
E68 Junction Connector
3 AA1
4 AA1
L
V
25 A
11 A
CANL
CANH
A24(A)
Skid Control ECU with Actuator Assembly
SP1 12 A
FL+ 18 A
FL– 4 A
FR+ 3 A
FR– 17 A
RL+ 20 A
RL– 6 A
RR+ 5 A
RR– 19 A
V
LG
B
L
B
W
R
G
V–W
Speed Sensors
* 5 : w/ VSC
* 6 : w/o VSC

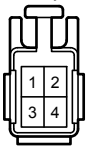
A 24
Black



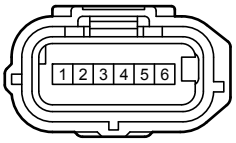
A 27
Black



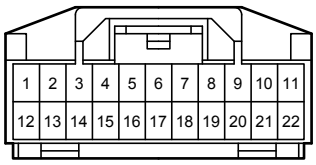
A 30
Gray



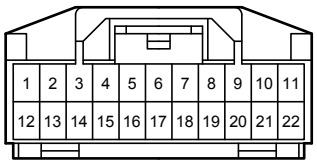
A 31
Black



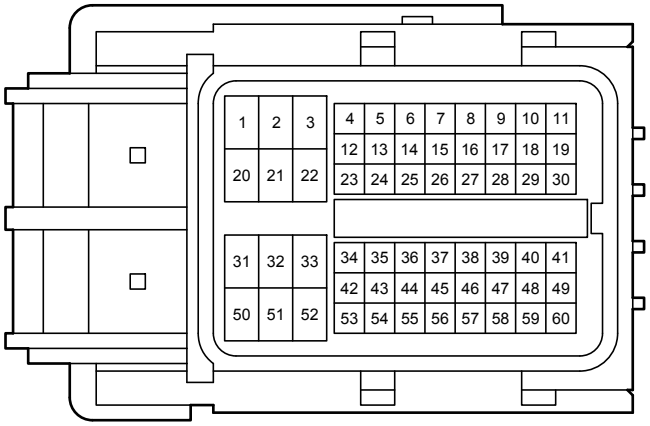
A 34
White



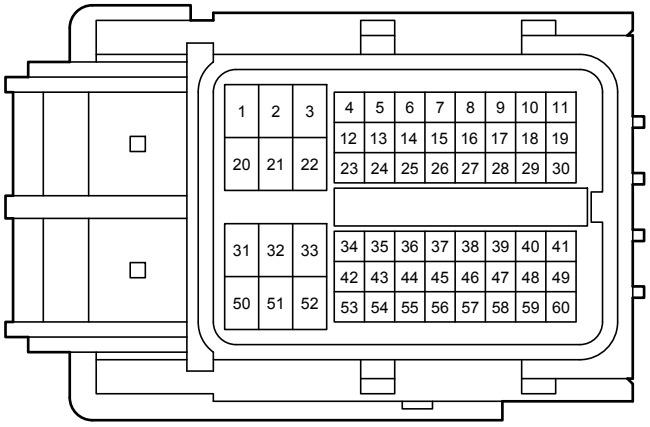
A 37
Blue



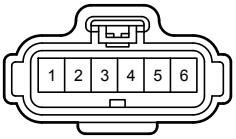
A 38
Black



A 52
Black



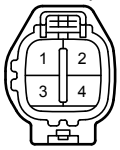
C 3
Black



C 18
Dark Gray



C 20
Dark Gray



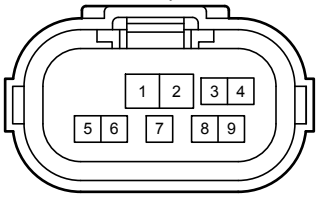
C 22
Dark Gray



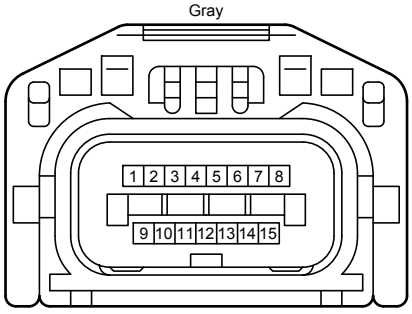
C 23
Dark Gray



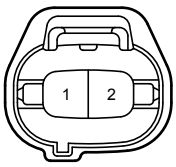
C 24
Gray



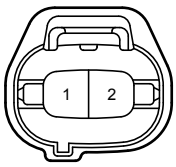
C 34
Gray



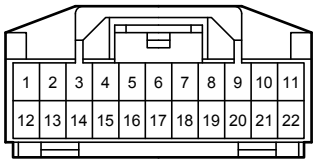
C 35
Black



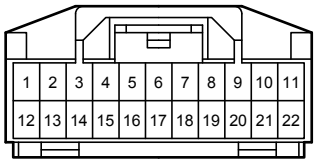
C 36
Black



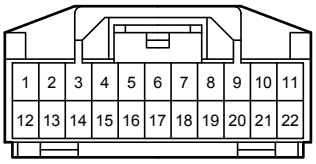
C 42
White



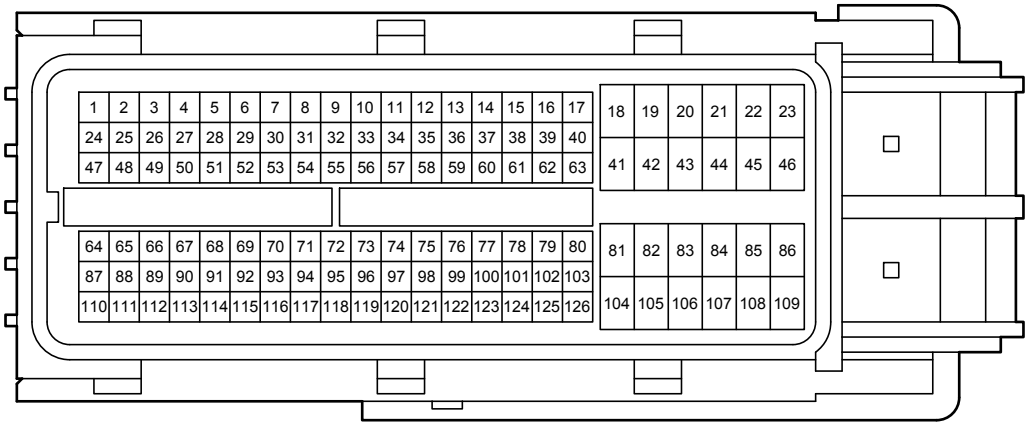
C 43
White



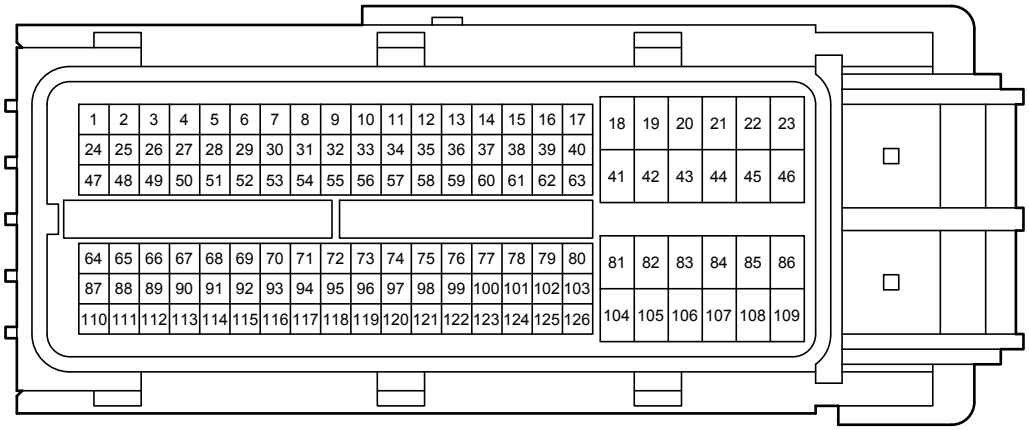
C 44
Blue



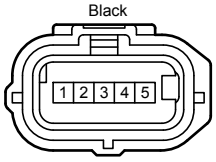
C 45
Black



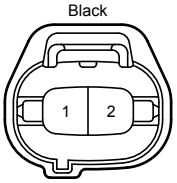
C 46
Black



C 50
Black



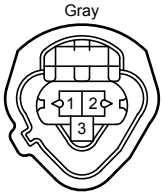
C 55
Black



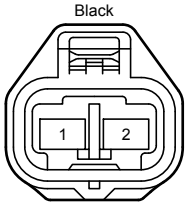
C 56
Dark Gray



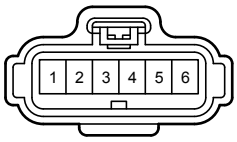
C 59
Gray



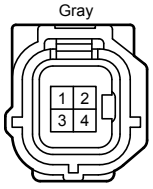
C 60
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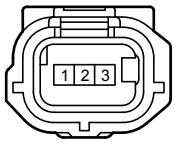
C 61
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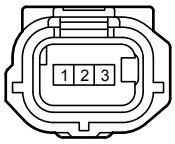
C 96
Gray



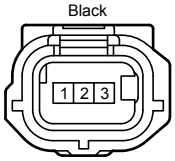
C 99
Black



C100
Black



C101
Black



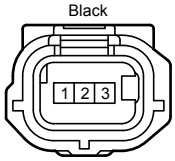
C102
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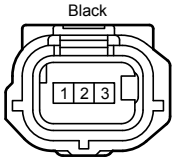
C103
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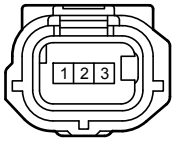
C114
Black



C121
Black



C122
Black



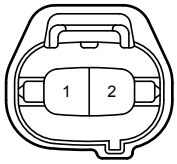
C125
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C126
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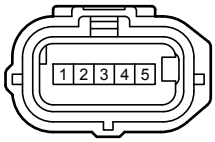
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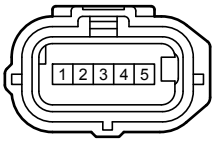
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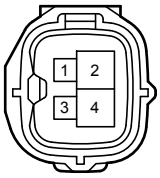
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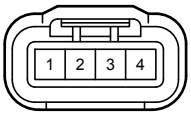
C138
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C139
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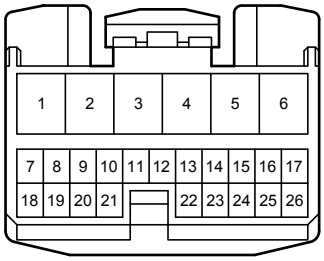
C168
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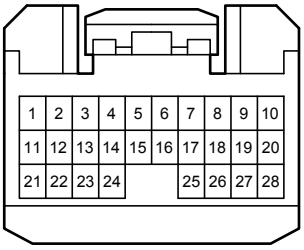
D 4
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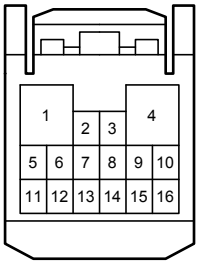
E 1
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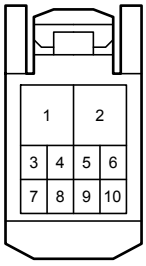
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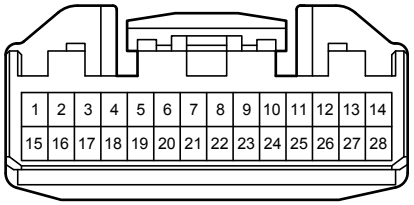
E 3
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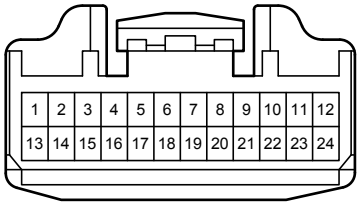
E 4
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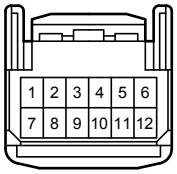
E 7
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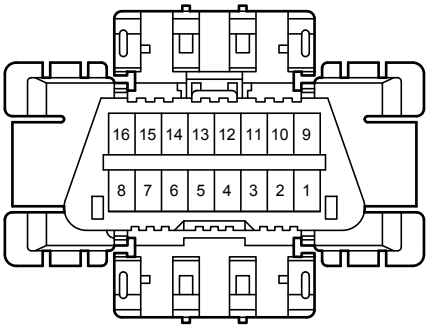
E 8
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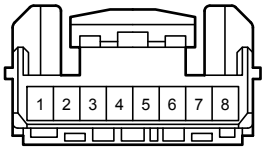
E 12
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E 22
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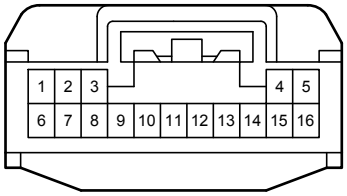


E 28
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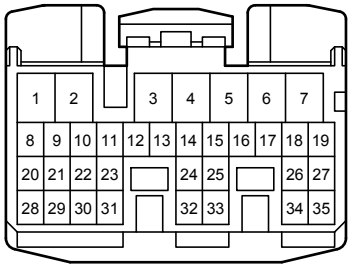
E 31

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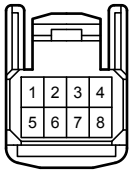
E 36

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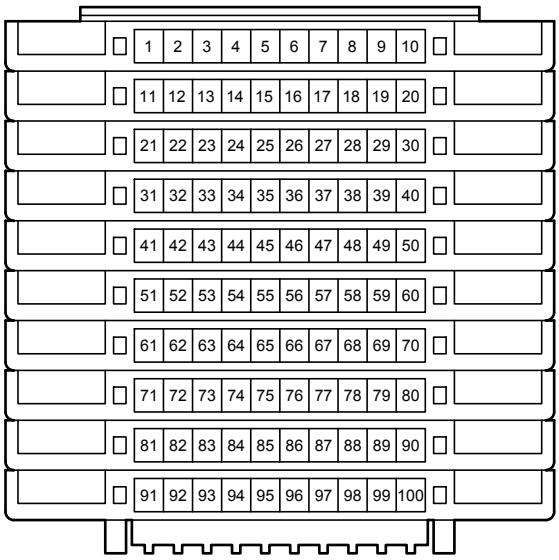


E 52

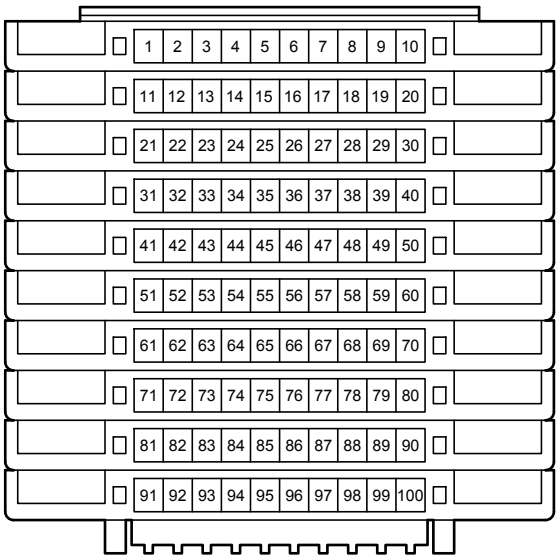
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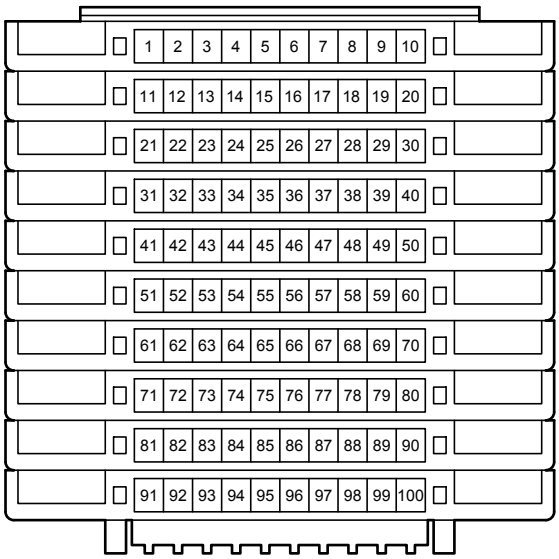
E 58



E 59

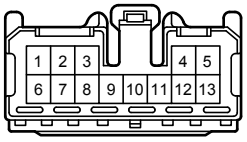


E 60



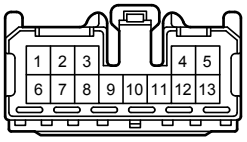
E 62

White

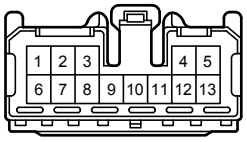


E 66

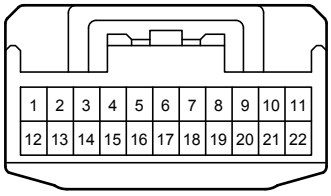
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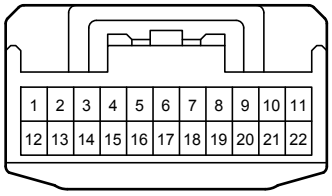
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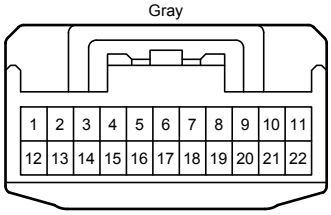
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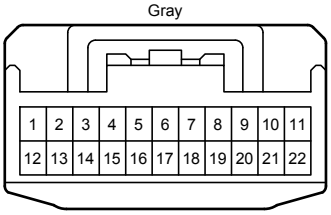
E 69
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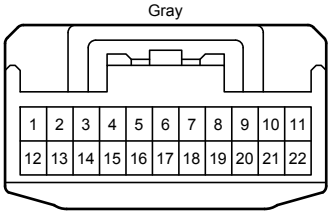
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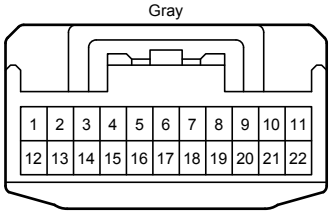
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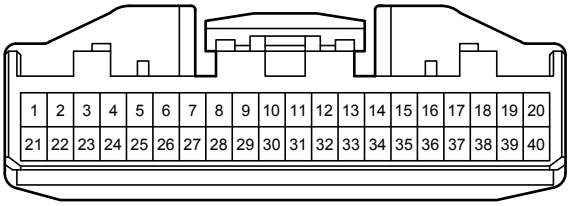
E 74
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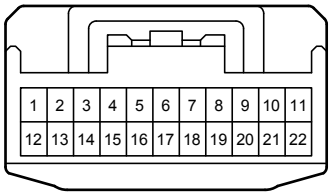
E 75
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E 81
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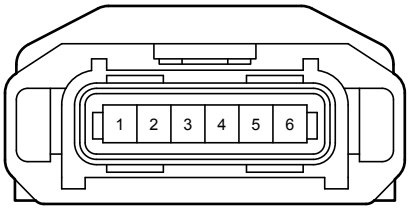
F 73
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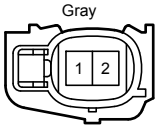
N 1
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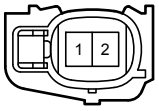
N 14
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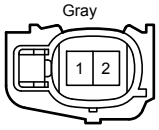
U 3
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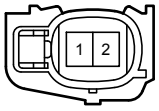
U 4
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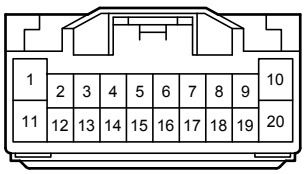
U 5
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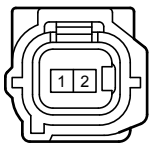
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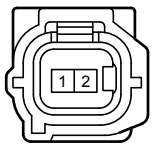
V 4
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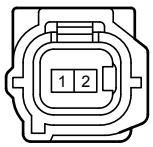
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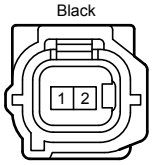
a 2
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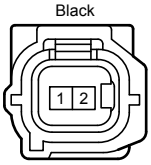
a 3
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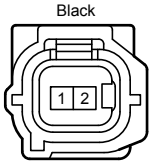
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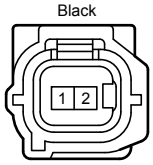
a 5
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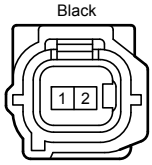
a 6
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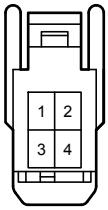
a 7
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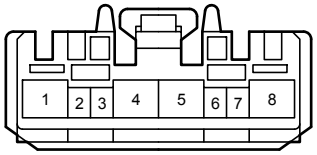
a 8
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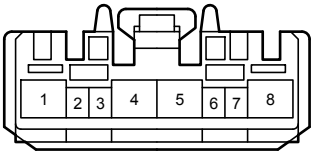
z 37
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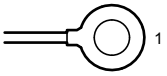
1A
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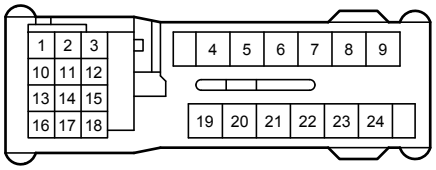
1B
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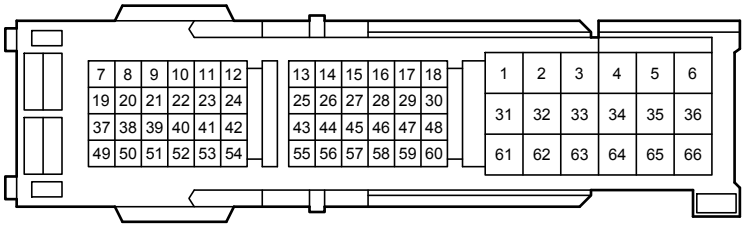
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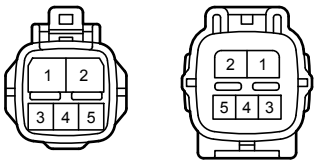
2B
White



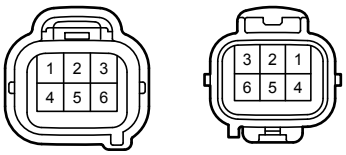
2D
White



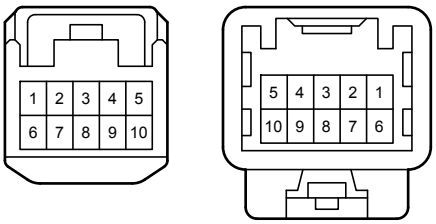
AA1
Gray



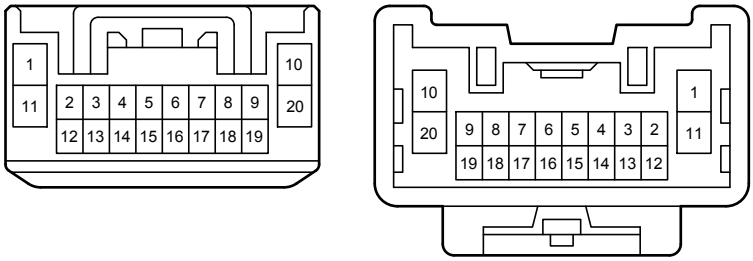
AD1
Black



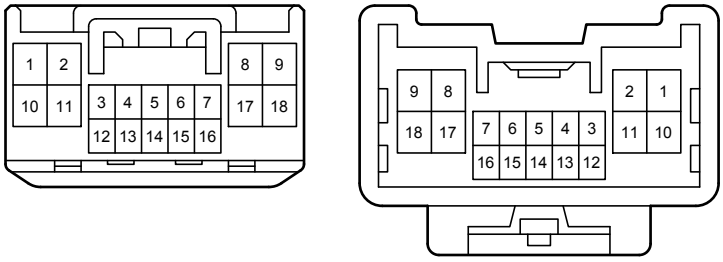
AE3
Gray



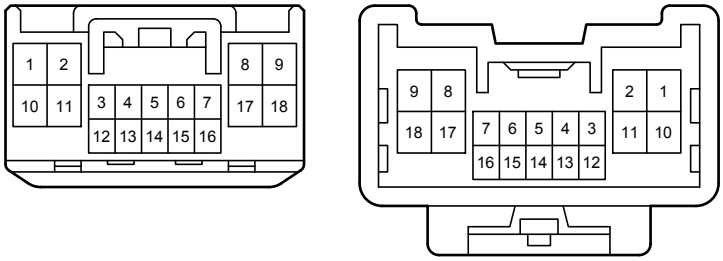
AK1
Blue



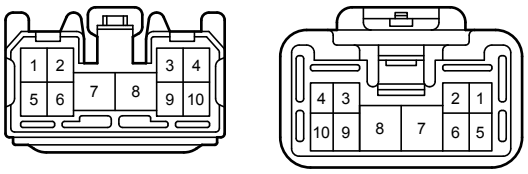
AK2
Gray



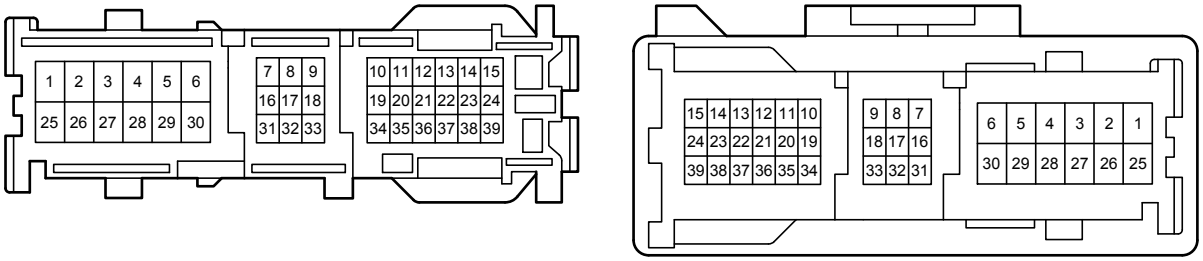
CA1
White



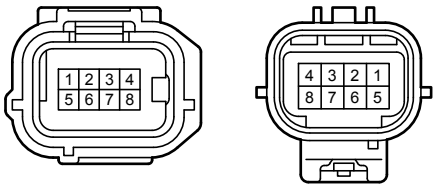
CA2
White



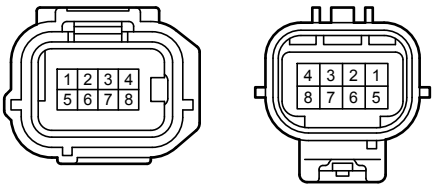
CA3
White



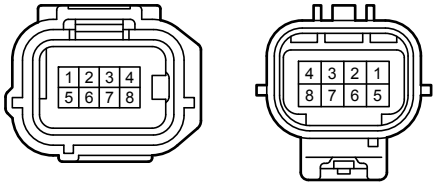
CU2
Gray



Ca1
Gray

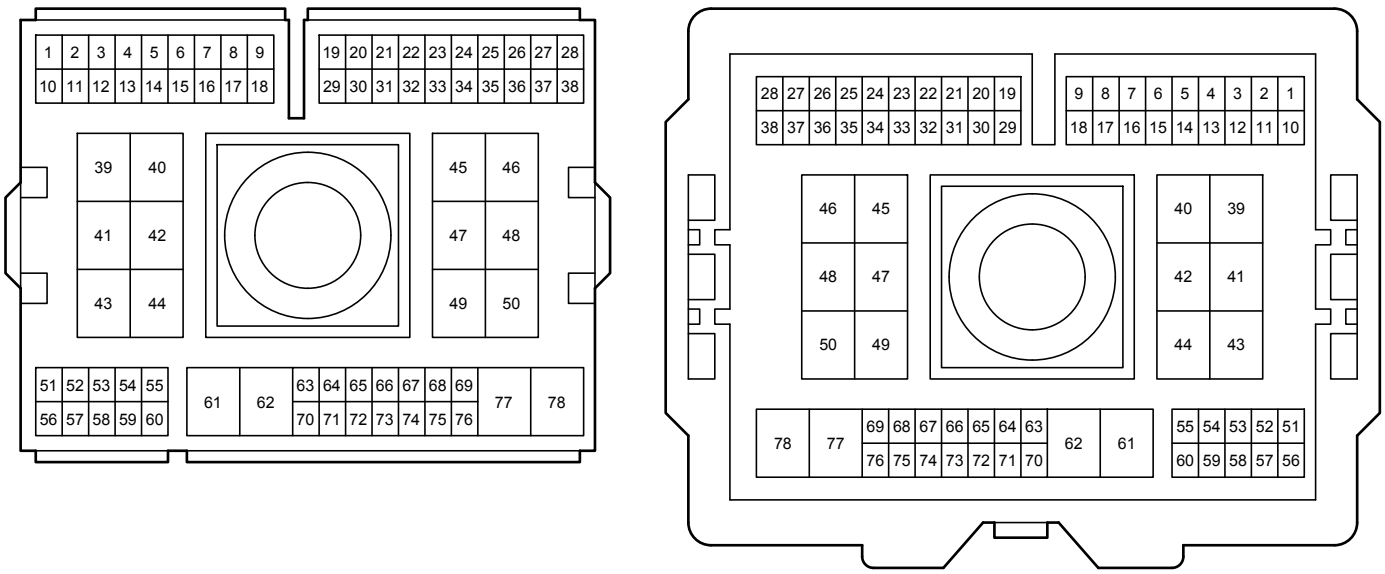


Ca2
Gray



EA1

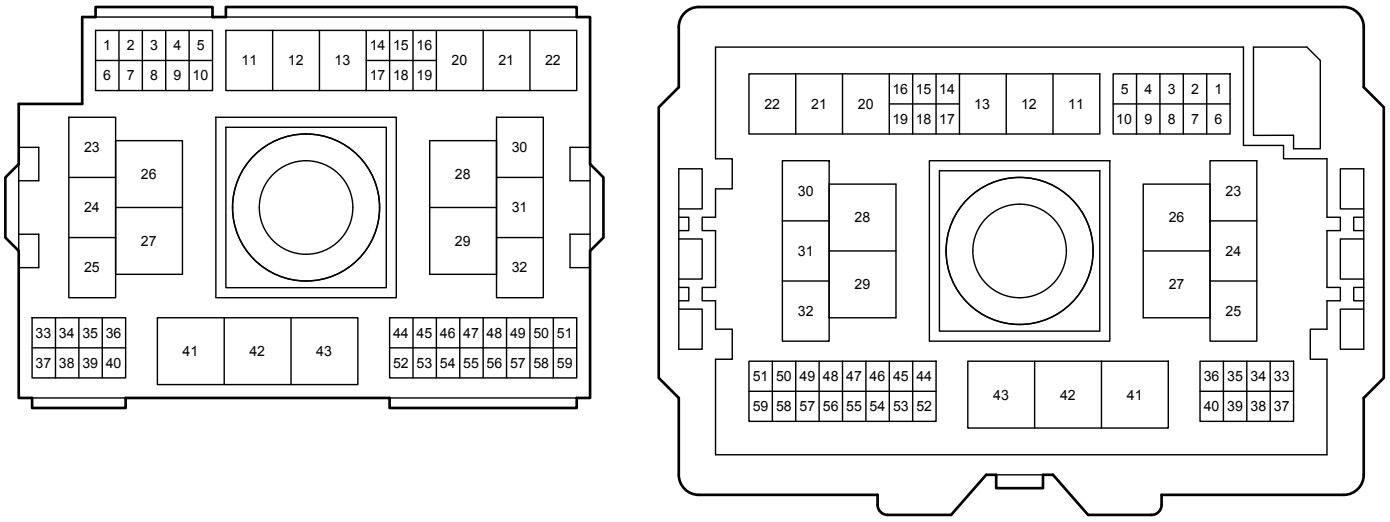
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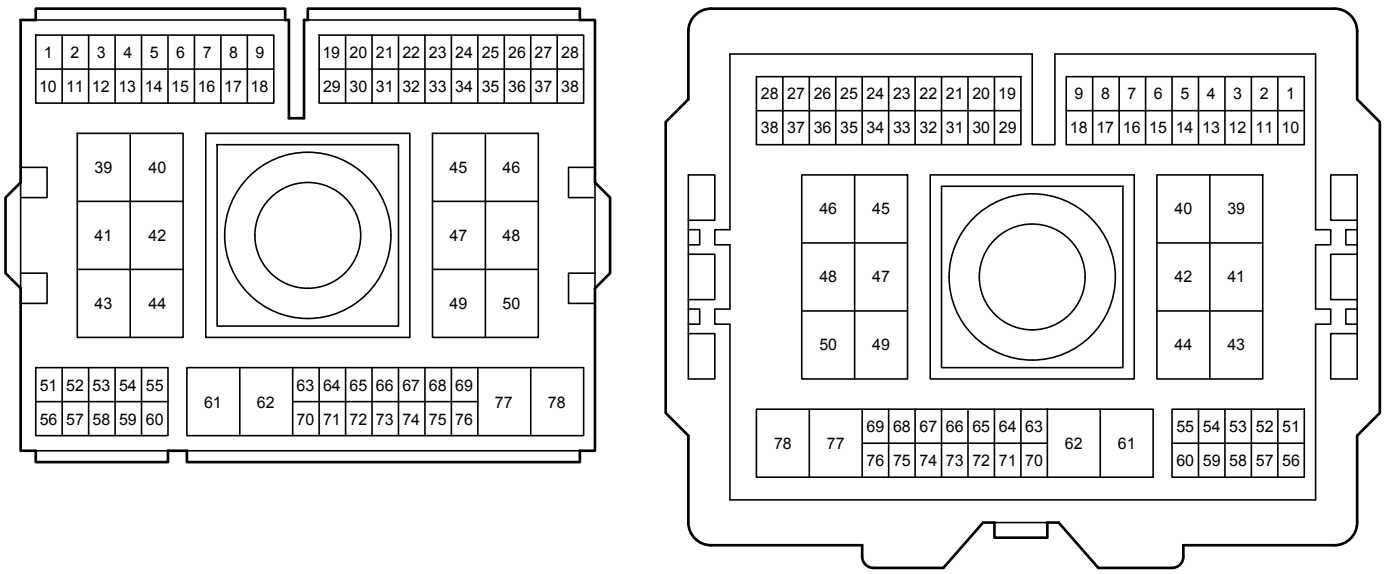
EA2

White

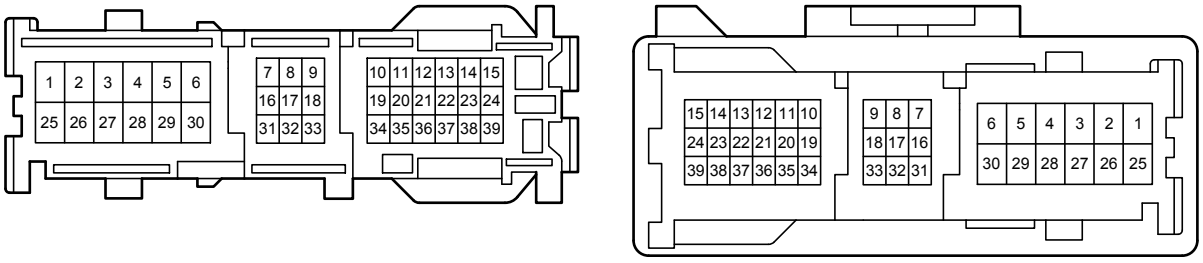
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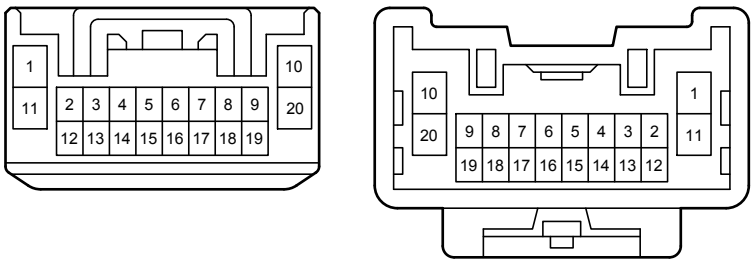
EA3
White



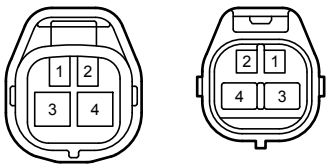
EA4
White



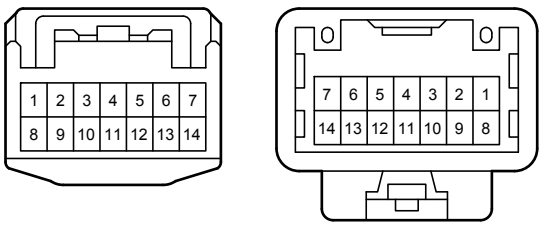
FE4
White

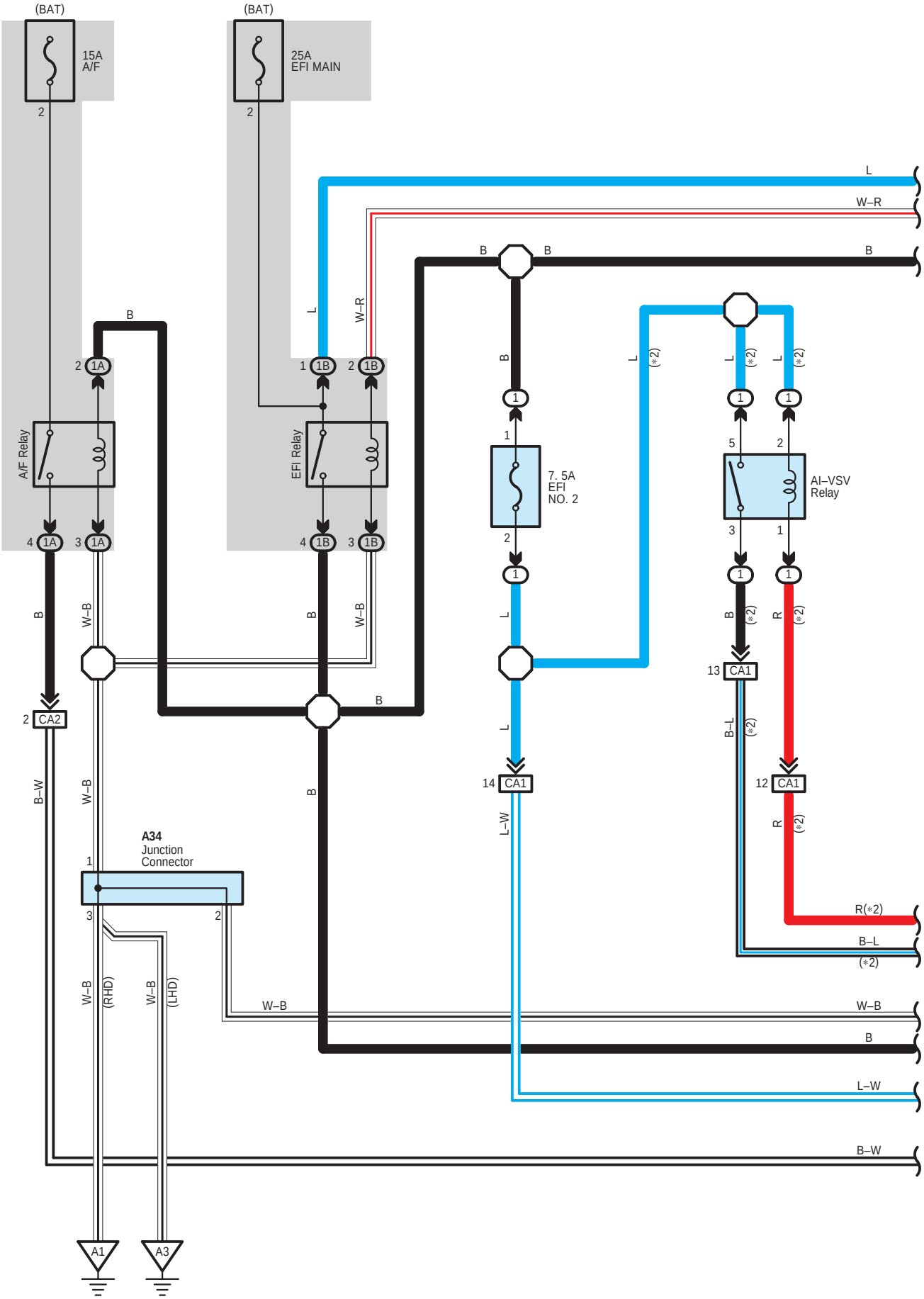


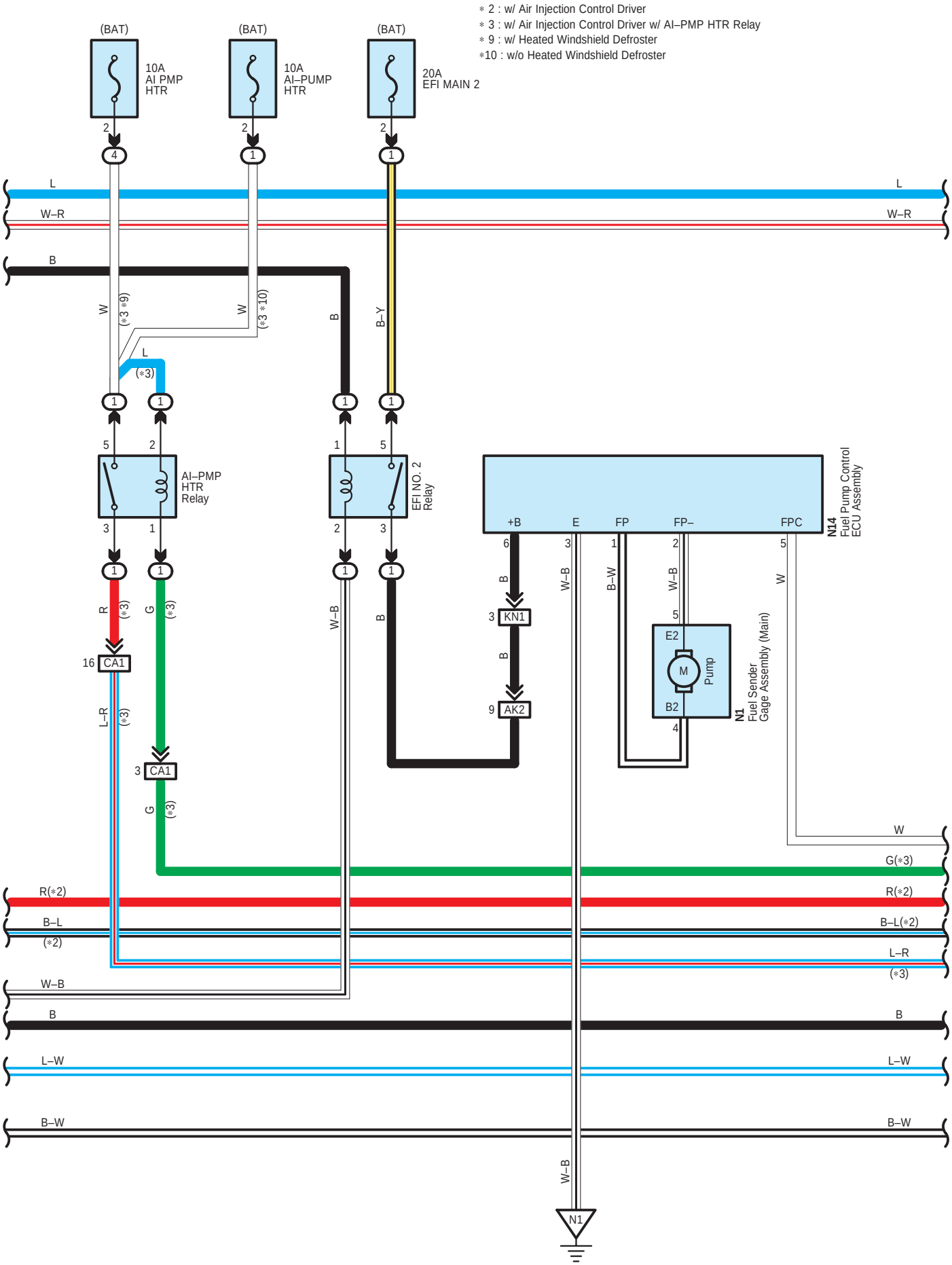
KN1
White

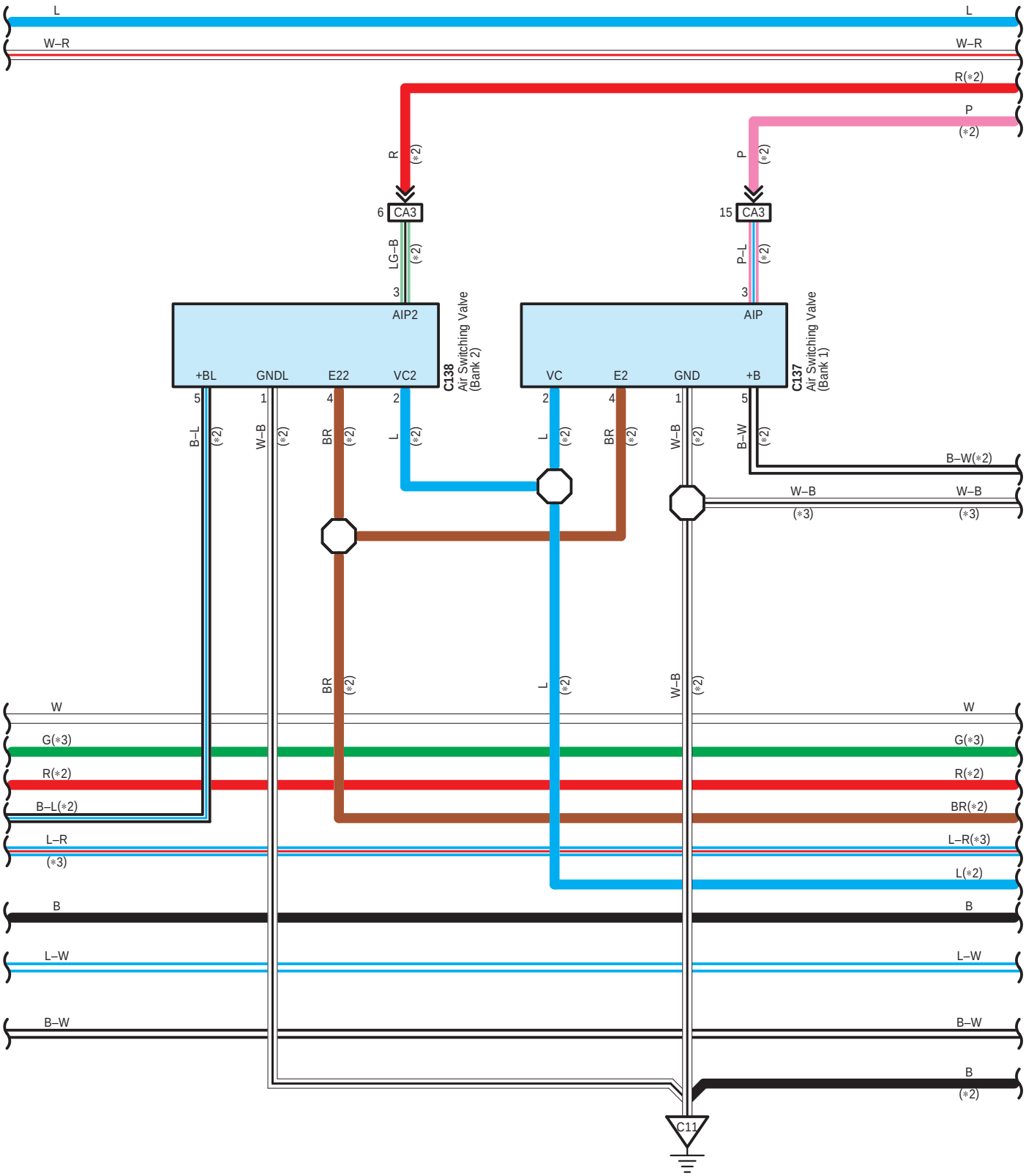


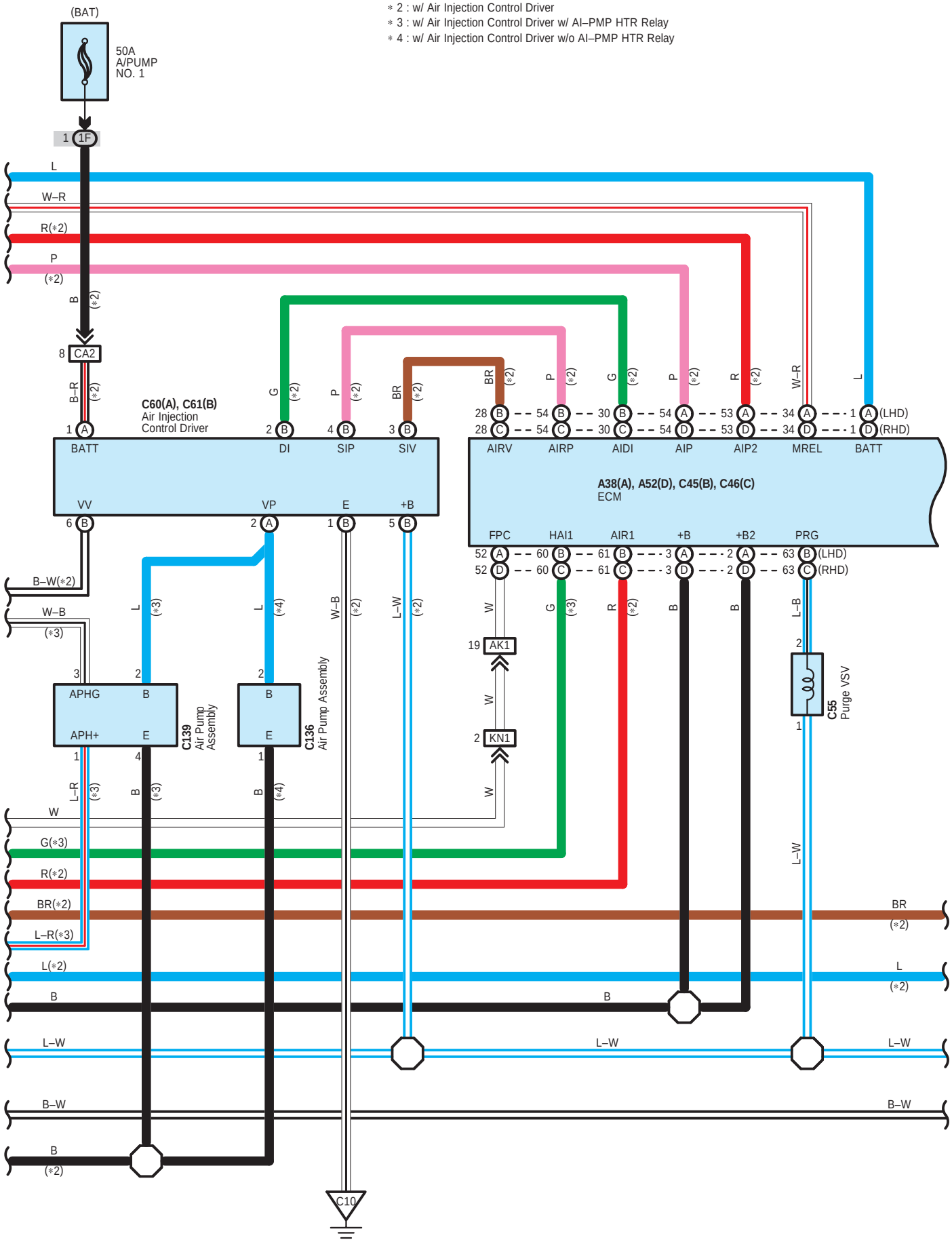
VE3
Gray

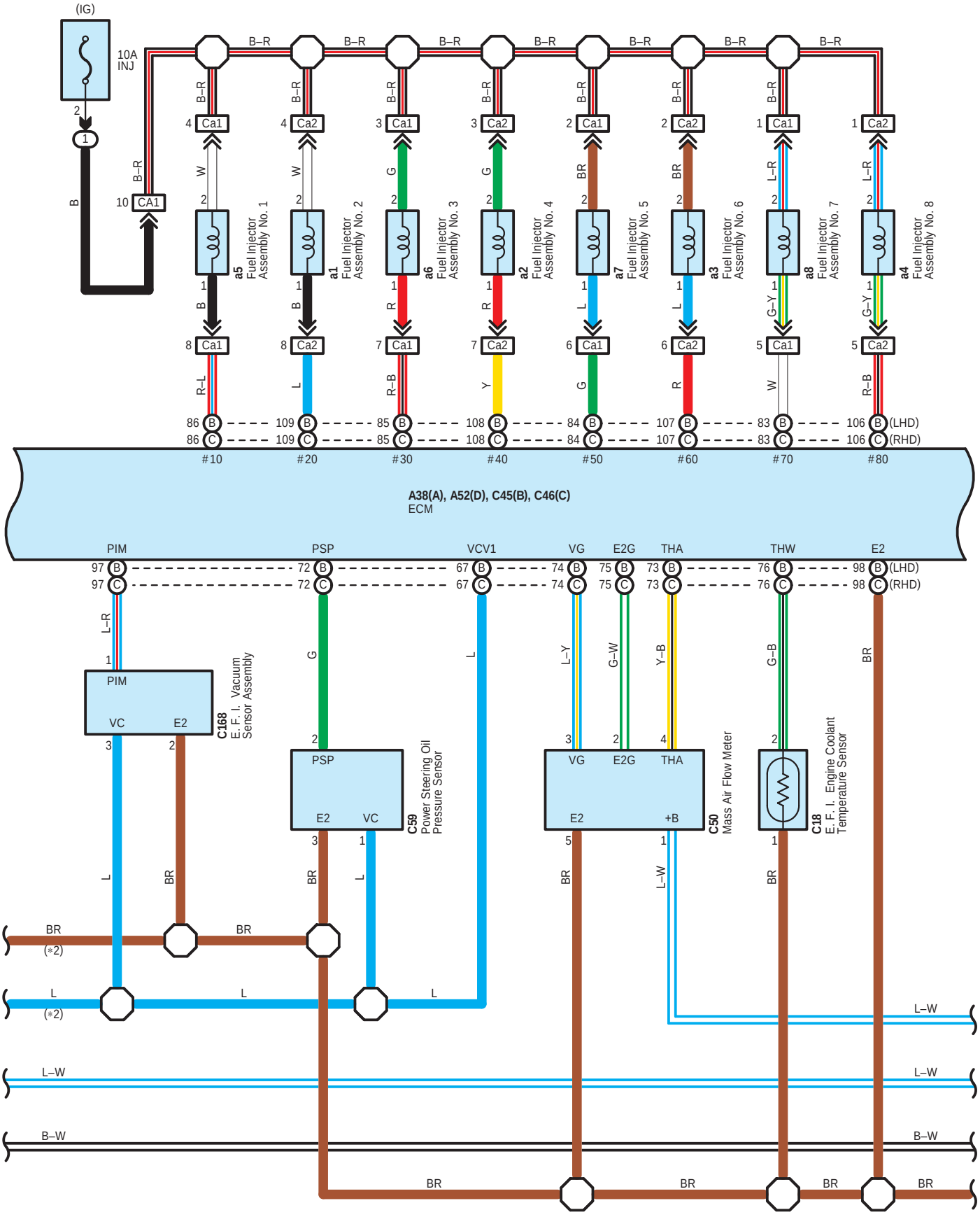


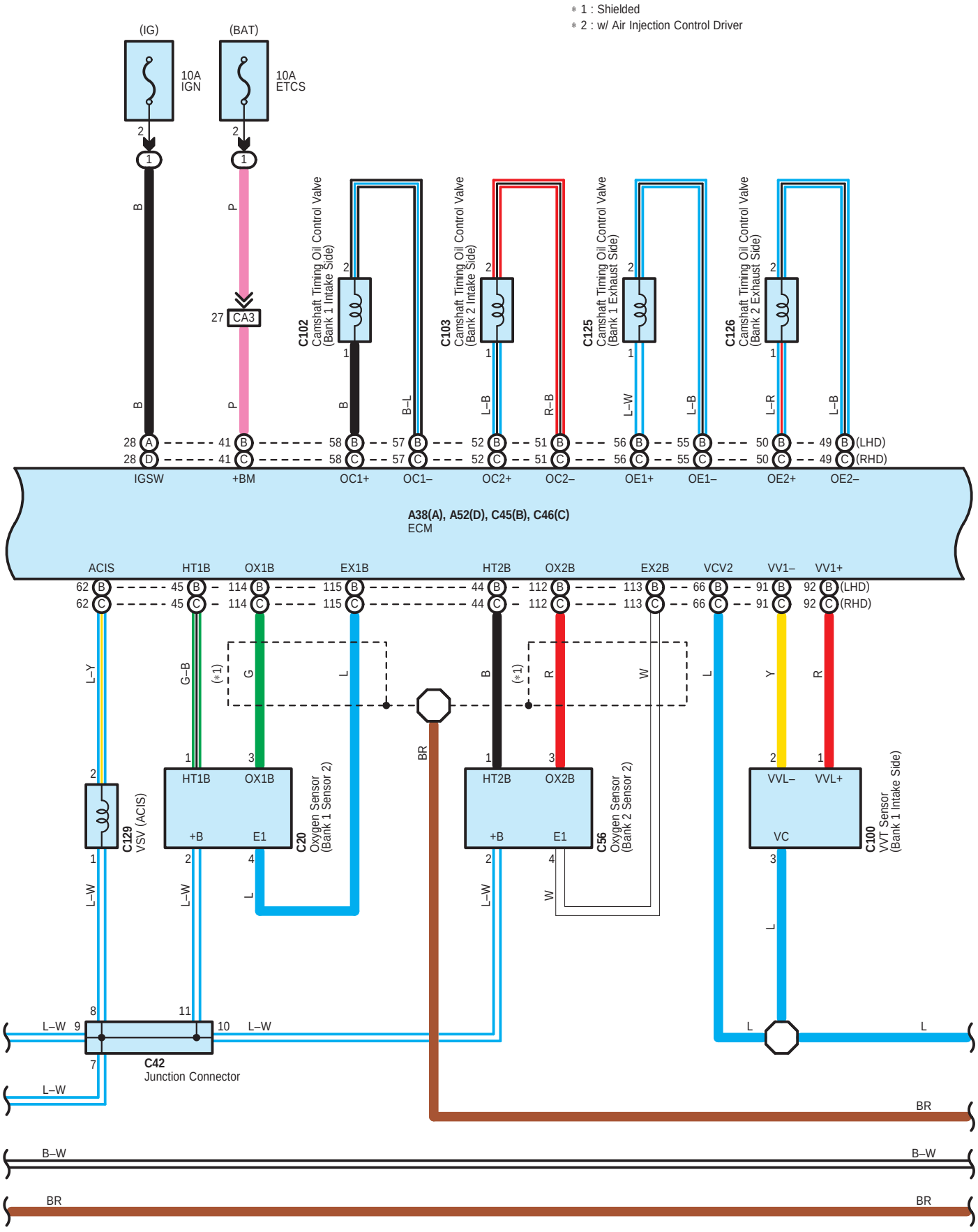

(BAT)
15A
A/F
2
(BAT)
25A
EFI MAIN
2
L
W–R
B
B
B
L
W–R
2 1A
1 1B
2 1B
A/F Relay
EFI Relay
4 1A
3 1A
4 1B
3 1B
B
W–B
B
W–B
B
2 CA2
B–W
W–B
B
B
A34
Junction
Connector
1
3
2
W–B
(RHD)
W–B
(LHD)
W–B
A1
A3
B
1
1
7. 5A
EFI
NO. 2
2
1
L
14 CA1
L–W
L
(*2)
L
(*2)
L
(*2)
1
1
5
2
AI–VSV
Relay
3
1
1
1
B
(*2)
R
(*2)
13 CA1
B–L
(*2)
12 CA1
R
(*2)
R(*2)
B–L
(*2)
W–B
B
L–W
B–W

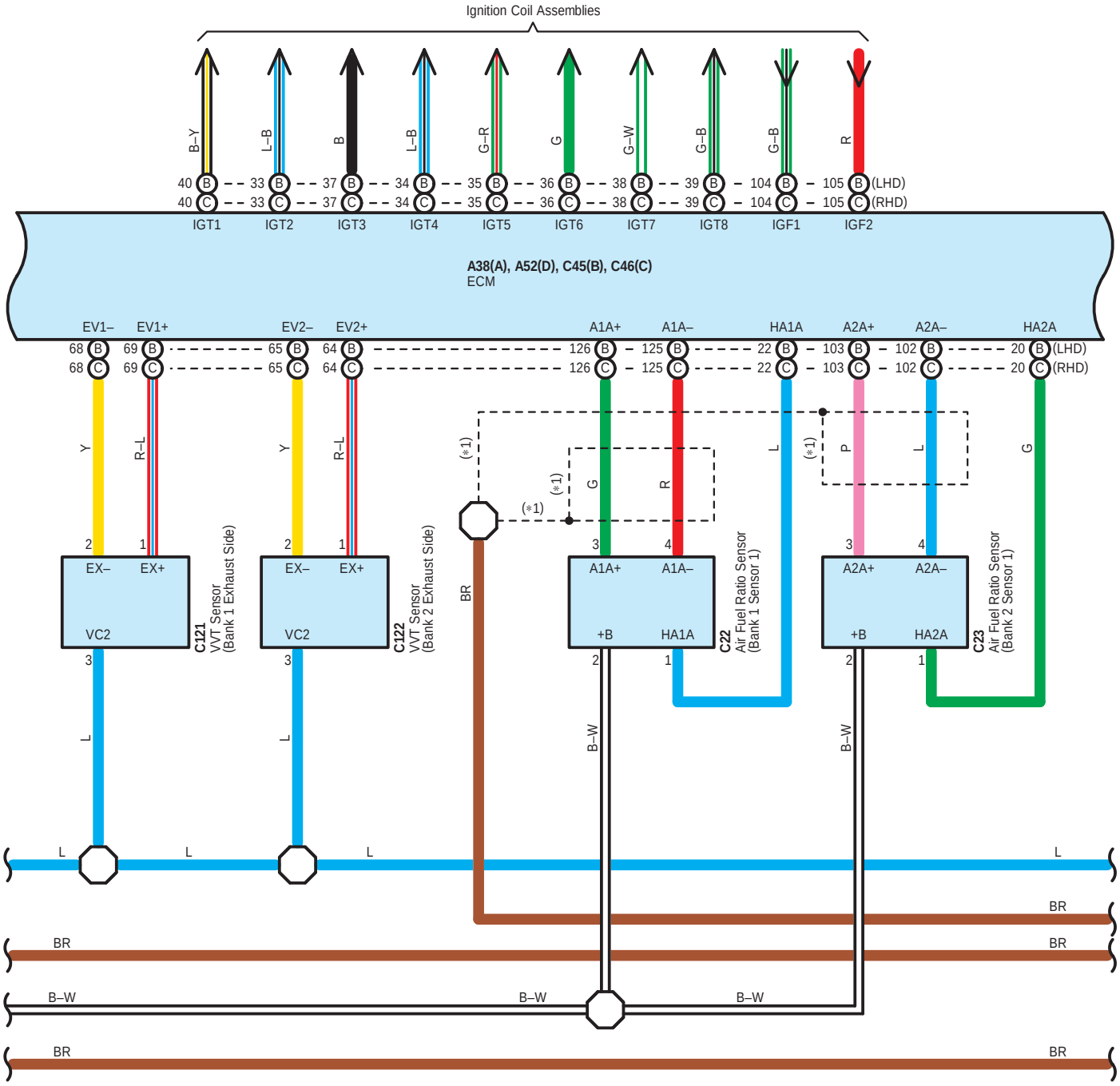

∗ 2 : w/ Air Injection Control Driver
∗ 3 : w/ Air Injection Control Driver w/ AI–PMP HTR Relay
∗ 9 : w/ Heated Windshield Defroster
∗10 : w/o Heated Windshield Defroster
(BAT)
10A AI PMP HTR
10A AI–PUMP HTR
20A EFI MAIN 2
AI–PMP HTR Relay
EFI NO. 2 Relay
N14 Fuel Pump Control ECU Assembly
+B
E
FP
FP–
FPC
N1 Fuel Sender Gage Assembly (Main)
Pump
KN1
AK2
CA1
L
W–R
B
W
B–Y
R
G
L–R
B–L
W–B
L–W
B–W
R(∗2)
G(∗3)
B–L(∗2)
L–R
(∗3)
N1

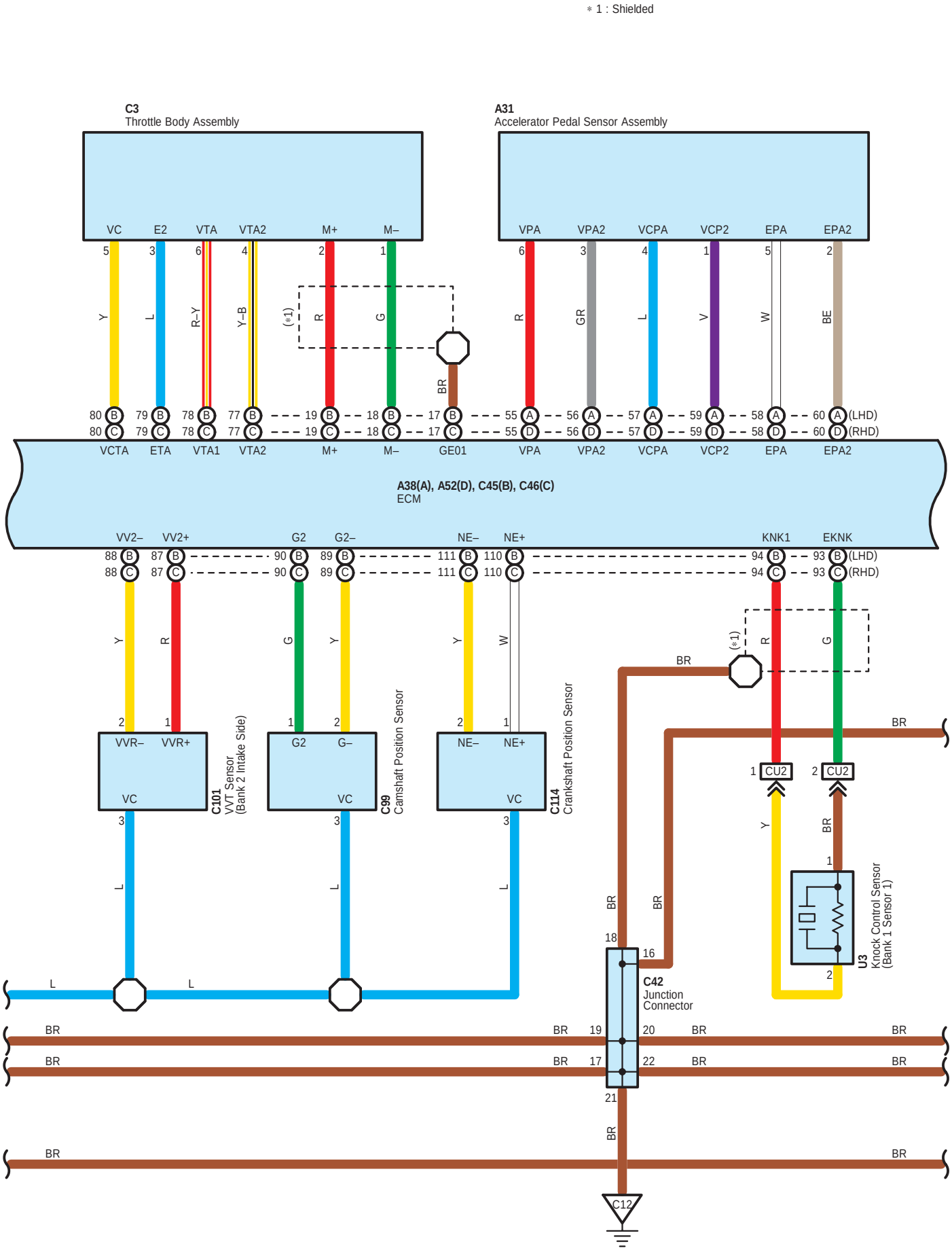

L
W–R
R(*2)
P
(*2)
R
(*2)
6
CA3
LG–B
(*2)
3
AIP2
+BL
GNDL
E22
VC2
C138
Air Switching Valve
(Bank 2)
5
1
4
2
B–L
(*2)
W–B
(*2)
BR
(*2)
L
(*2)
P
(*2)
15
CA3
P–L
(*2)
3
AIP
VC
E2
GND
+B
C137
Air Switching Valve
(Bank 1)
2
4
1
5
L
(*2)
BR
(*2)
W–B
(*2)
B–W
(*2)
B–W(*2)
W–B
(*3)
W–B
(*3)
BR
(*2)
L
(*2)
W–B
(*2)
W
G(*3)
R(*2)
B–L(*2)
L–R
(*3)
B
L–W
B–W
W
G(*3)
R(*2)
BR(*2)
L–R(*3)
L(*2)
B
L–W
B–W
B
(*2)
C11

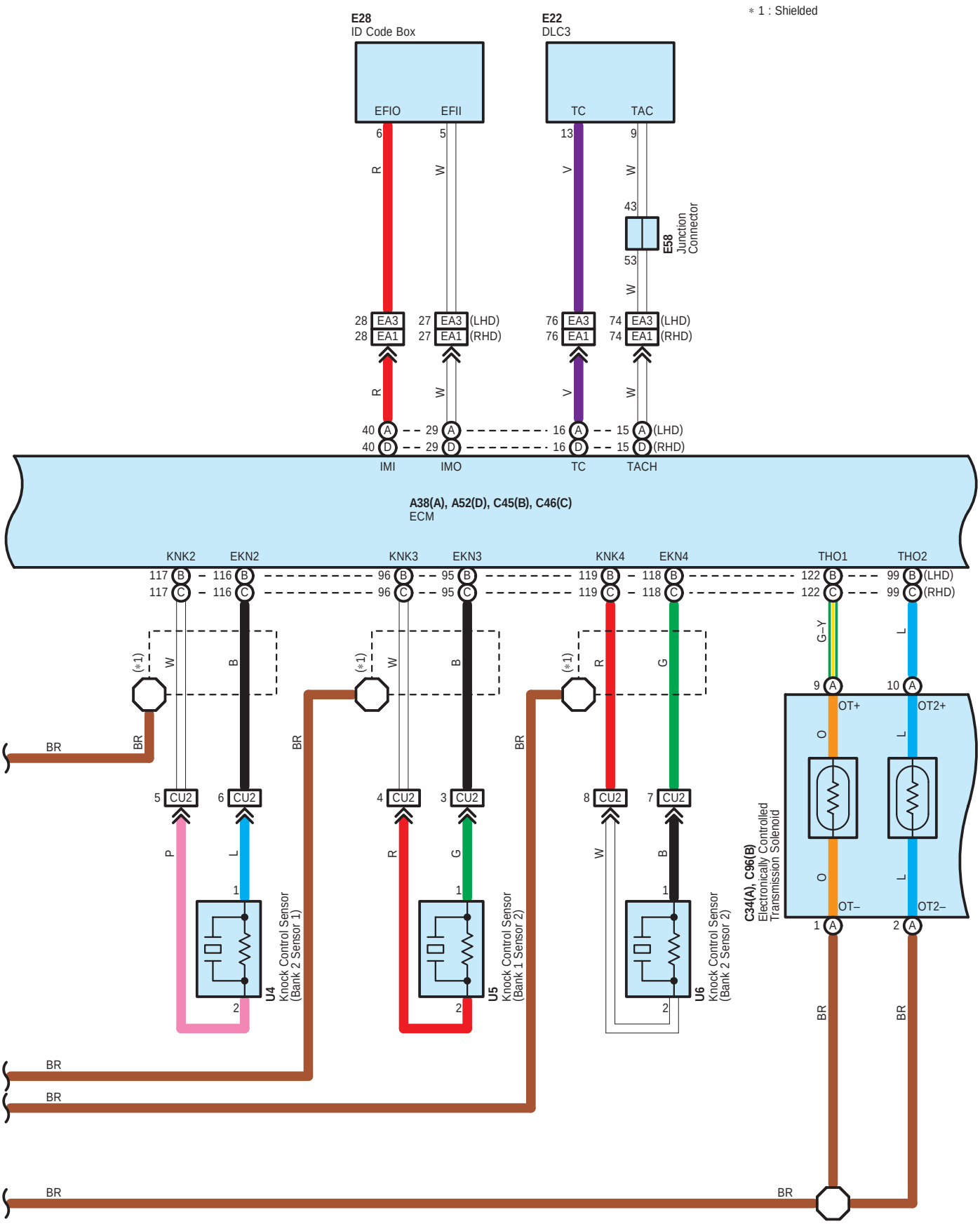

∗ 2 : w/ Air Injection Control Driver
∗ 3 : w/ Air Injection Control Driver w/ AI–PMP HTR Relay
∗ 4 : w/ Air Injection Control Driver w/o AI–PMP HTR Relay
(BAT)
50A
A/PUMP
NO. 1
1F
C60(A), C61(B)
Air Injection
Control Driver
BATT
DI
SIP
SIV
A38(A), A52(D), C45(B), C46(C)
ECM
AIRV
AIRP
AIDI
AIP
AIP2
MREL
BATT
VV
VP
E
+B
FPC
HAI1
AIR1
+B
+B2
PRG
CA2
AK1
KN1
APHG
APH+
C139
Air Pump
Assembly
C136
Air Pump Assembly
C55
Purge VSV
C10

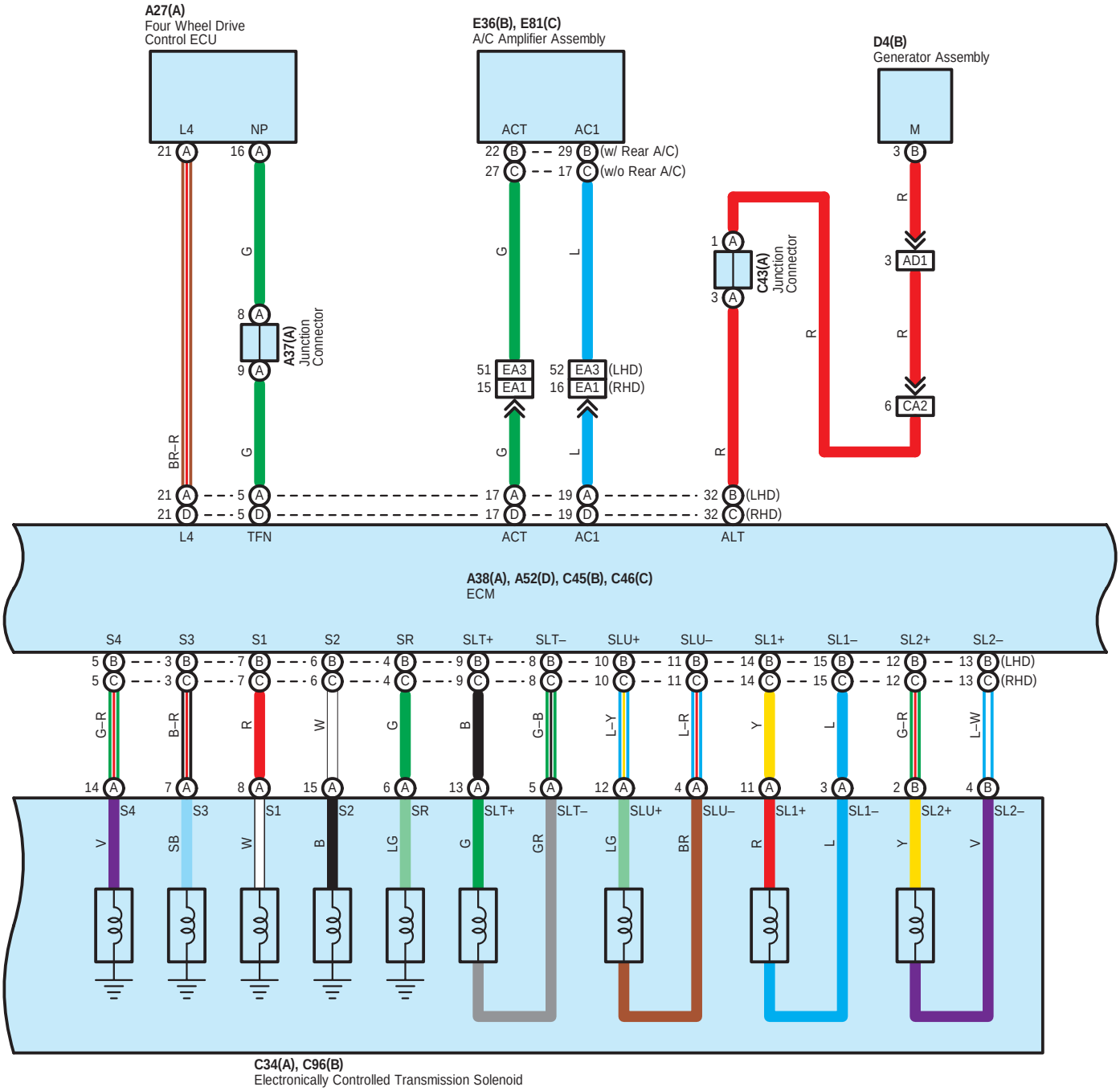

(IG)
10A
INJ
2
1
B
B–R
10 CA1
4 Ca1
4 Ca2
3 Ca1
3 Ca2
2 Ca1
2 Ca2
1 Ca1
1 Ca2
W
G
BR
L–R
G–Y
a5 Fuel Injector Assembly No. 1
a1 Fuel Injector Assembly No. 2
a6 Fuel Injector Assembly No. 3
a2 Fuel Injector Assembly No. 4
a7 Fuel Injector Assembly No. 5
a3 Fuel Injector Assembly No. 6
a8 Fuel Injector Assembly No. 7
a4 Fuel Injector Assembly No. 8
8 Ca1
8 Ca2
7 Ca1
7 Ca2
6 Ca1
6 Ca2
5 Ca1
5 Ca2
R–L
L
R–B
Y
G
R
W
86 B
86 C
109 B
109 C
85 B
85 C
108 B
108 C
84 B
84 C
107 B
107 C
83 B
83 C
106 B (LHD)
106 C (RHD)
#10
#20
#30
#40
#50
#60
#70
#80
A38(A), A52(D), C45(B), C46(C)
ECM
PIM
PSP
VCV1
VG
E2G
THA
THW
E2
97 B
97 C
72 B
72 C
67 B
67 C
74 B
74 C
75 B
75 C
73 B
73 C
76 B
76 C
98 B (LHD)
98 C (RHD)
L–R
G
L
L–Y
G–W
Y–B
G–B
BR
PIM
VC
E2
C168 E. F. I. Vacuum Sensor Assembly
PSP
E2
VC
C59 Power Steering Oil Pressure Sensor
VG
E2G
THA
E2
+B
C50 Mass Air Flow Meter
C18 E. F. I. Engine Coolant Temperature Sensor
L–W
B–W
(*2)

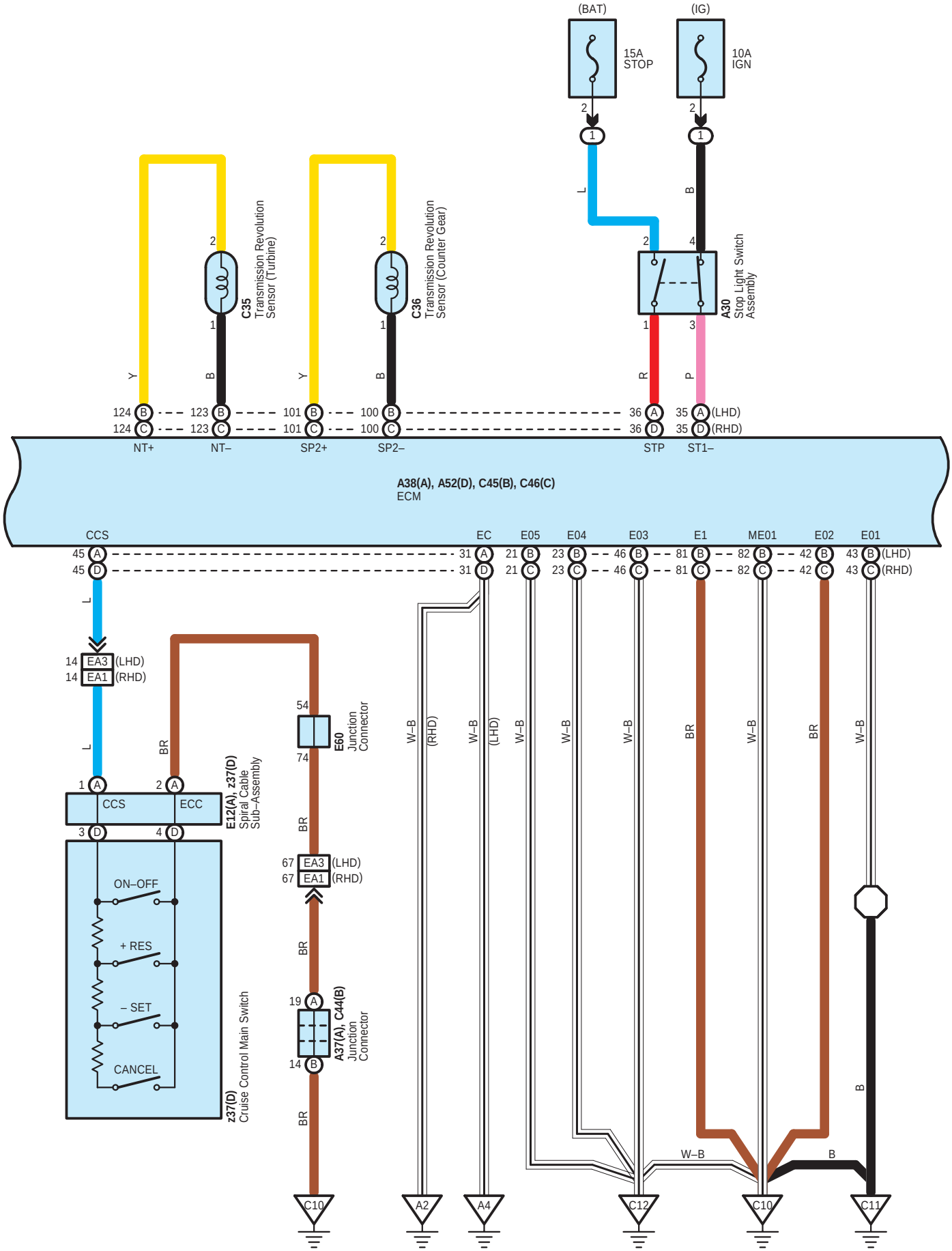

* 1 : Shielded
* 2 : w/ Air Injection Control Driver
(IG)
(BAT)
10A IGN
10A ETCS
27 CA3
C102 Camshaft Timing Oil Control Valve (Bank 1 Intake Side)
C103 Camshaft Timing Oil Control Valve (Bank 2 Intake Side)
C125 Camshaft Timing Oil Control Valve (Bank 1 Exhaust Side)
C126 Camshaft Timing Oil Control Valve (Bank 2 Exhaust Side)
IGSW
+BM
OC1+
OC1–
OC2+
OC2–
OE1+
OE1–
OE2+
OE2–
A38(A), A52(D), C45(B), C46(C)
ECM
ACIS
HT1B
OX1B
EX1B
HT2B
OX2B
EX2B
VCV2
VV1–
VV1+
C129 VSV (ACIS)
C20 Oxygen Sensor (Bank 1 Sensor 2)
C56 Oxygen Sensor (Bank 2 Sensor 2)
C100 VVT Sensor (Bank 1 Intake Side)
C42 Junction Connector
(*1)
(LHD)
(RHD)

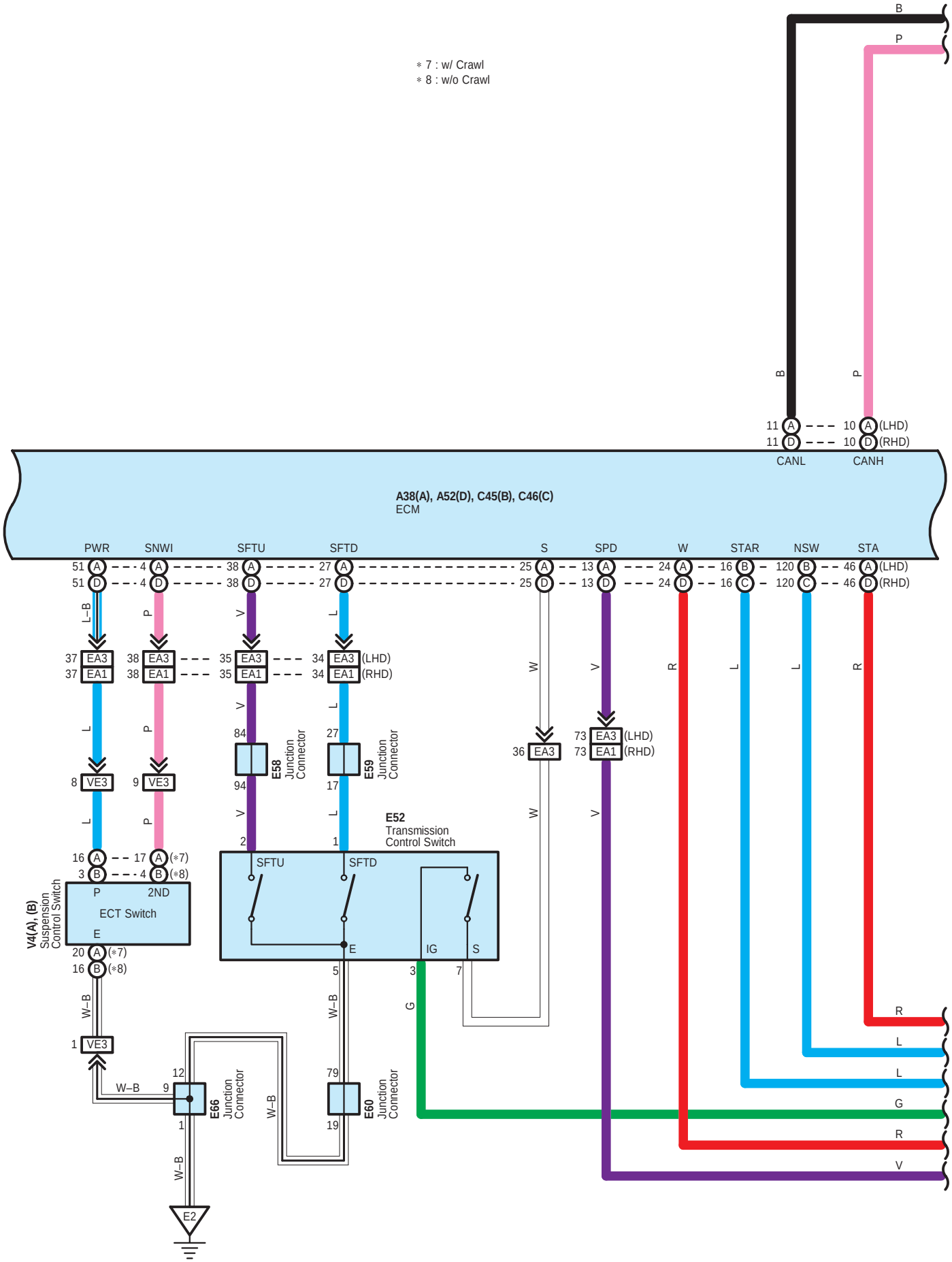

Ignition Coil Assemblies
B–Y
L–B
B
L–B
G–R
G
G–W
G–B
G–B
R
40 B 33 B 37 B 34 B 35 B 36 B 38 B 39 B 104 B 105 B (LHD)
40 C 33 C 37 C 34 C 35 C 36 C 38 C 39 C 104 C 105 C (RHD)
IGT1 IGT2 IGT3 IGT4 IGT5 IGT6 IGT7 IGT8 IGF1 IGF2
A38(A), A52(D), C45(B), C46(C)
ECM
EV1– EV1+ EV2– EV2+ A1A+ A1A– HA1A A2A+ A2A– HA2A
68 B 69 B 65 B 64 B 126 B 125 B 22 B 103 B 102 B 20 B (LHD)
68 C 69 C 65 C 64 C 126 C 125 C 22 C 103 C 102 C 20 C (RHD)
Y R–L Y R–L G R L P L G
(*1)
2 1 2 1 3 4 3 4
EX– EX+ EX– EX+ A1A+ A1A– A2A+ A2A–
VC2 VC2 +B HA1A +B HA2A
3 3 2 1 2 1
C121 VVT Sensor (Bank 1 Exhaust Side)
C122 VVT Sensor (Bank 2 Exhaust Side)
C22 Air Fuel Ratio Sensor (Bank 1 Sensor 1)
C23 Air Fuel Ratio Sensor (Bank 2 Sensor 1)
BR
L
B–W
L L L L
BR BR
BR BR
B–W B–W B–W
BR BR

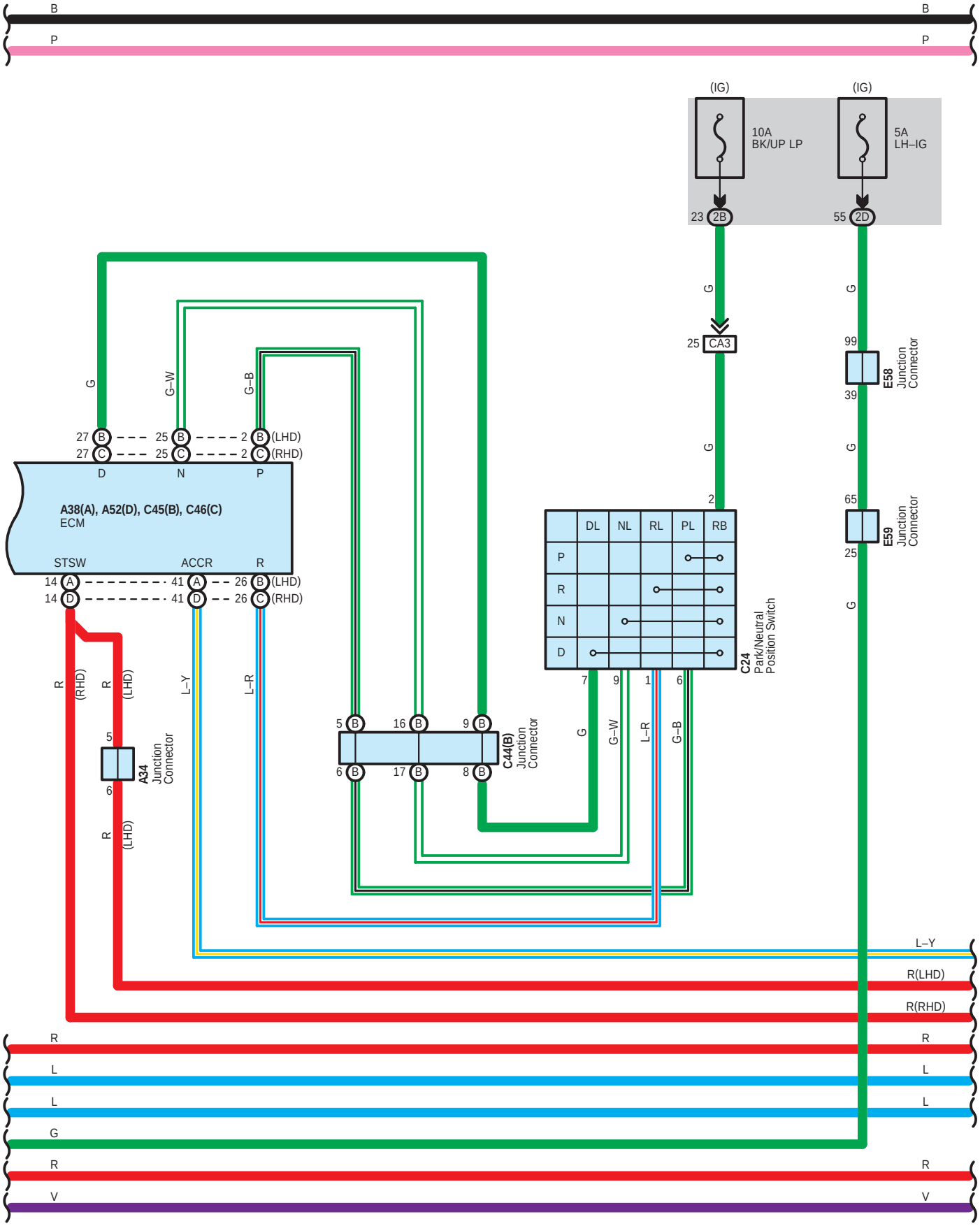

∗1 : Shielded
C3
Throttle Body Assembly
VC
E2
VTA
VTA2
M+
M–
A31
Accelerator Pedal Sensor Assembly
VPA
VPA2
VCPA
VCP2
EPA
EPA2
(LHD)
(RHD)
VCTA
ETA
VTA1
A38(A), A52(D), C45(B), C46(C)
ECM
GE01
VV2–
VV2+
G2
G2–
NE–
NE+
KNK1
EKNK
C101
VVT Sensor
(Bank 2 Intake Side)
VVR–
VVR+
C99
Camshaft Position Sensor
C114
Crankshaft Position Sensor
CU2
U3
Knock Control Sensor
(Bank 1 Sensor 1)
C42
Junction
Connector
C12

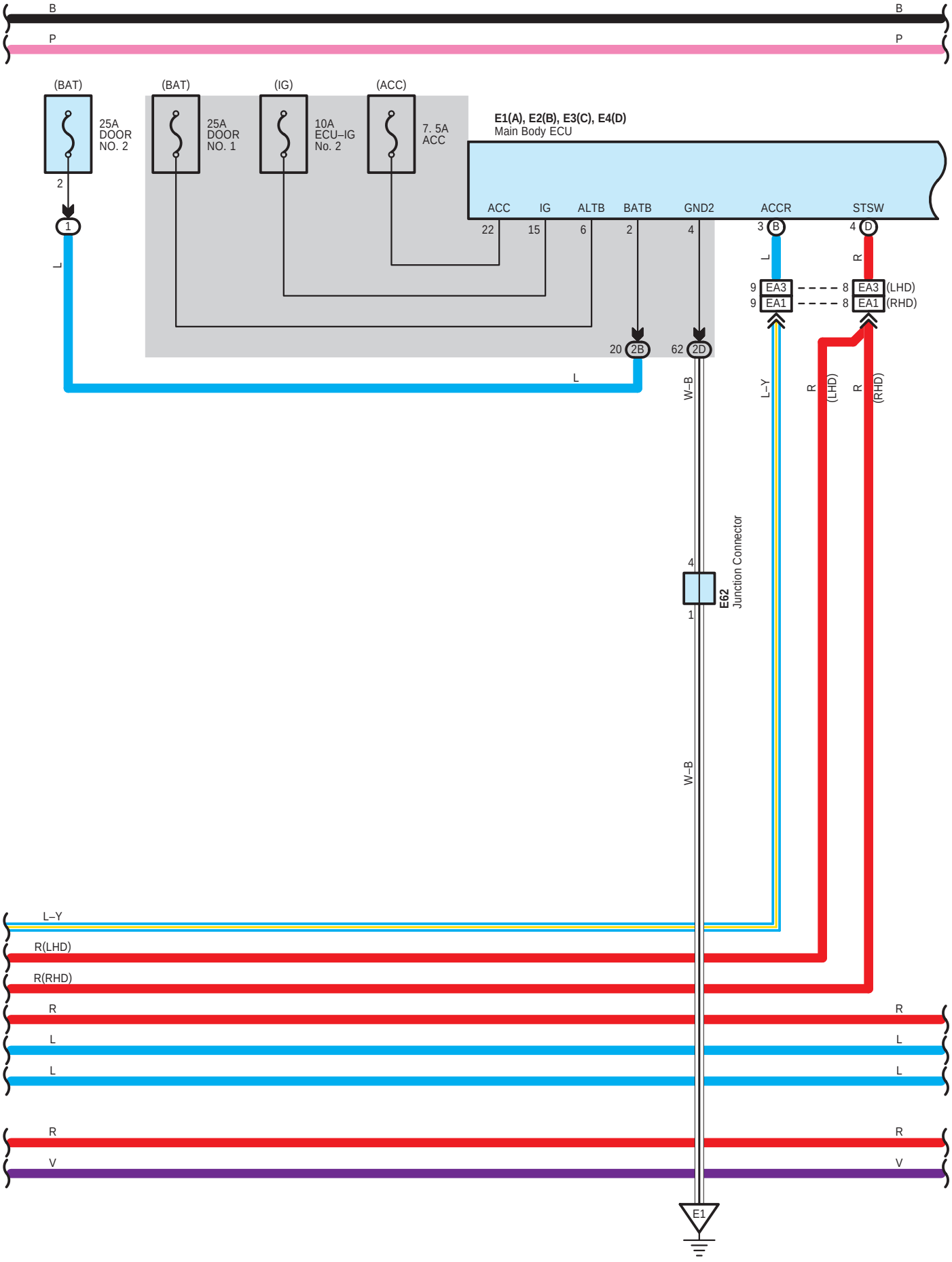

∗ 1 : Shielded
E28
ID Code Box
EFIO
EFII
E22
DLC3
TC
TAC
E58
Junction Connector
(LHD)
(RHD)
IMI
IMO
TC
TACH
A38(A), A52(D), C45(B), C46(C)
ECM
KNK2
EKN2
KNK3
EKN3
KNK4
EKN4
THO1
THO2
CU2
U4
Knock Control Sensor (Bank 2 Sensor 1)
U5
Knock Control Sensor (Bank 1 Sensor 2)
U6
Knock Control Sensor (Bank 2 Sensor 2)
C34(A), C96(B)
Electronically Controlled Transmission Solenoid
OT+
OT–
OT2+
OT2–
BR

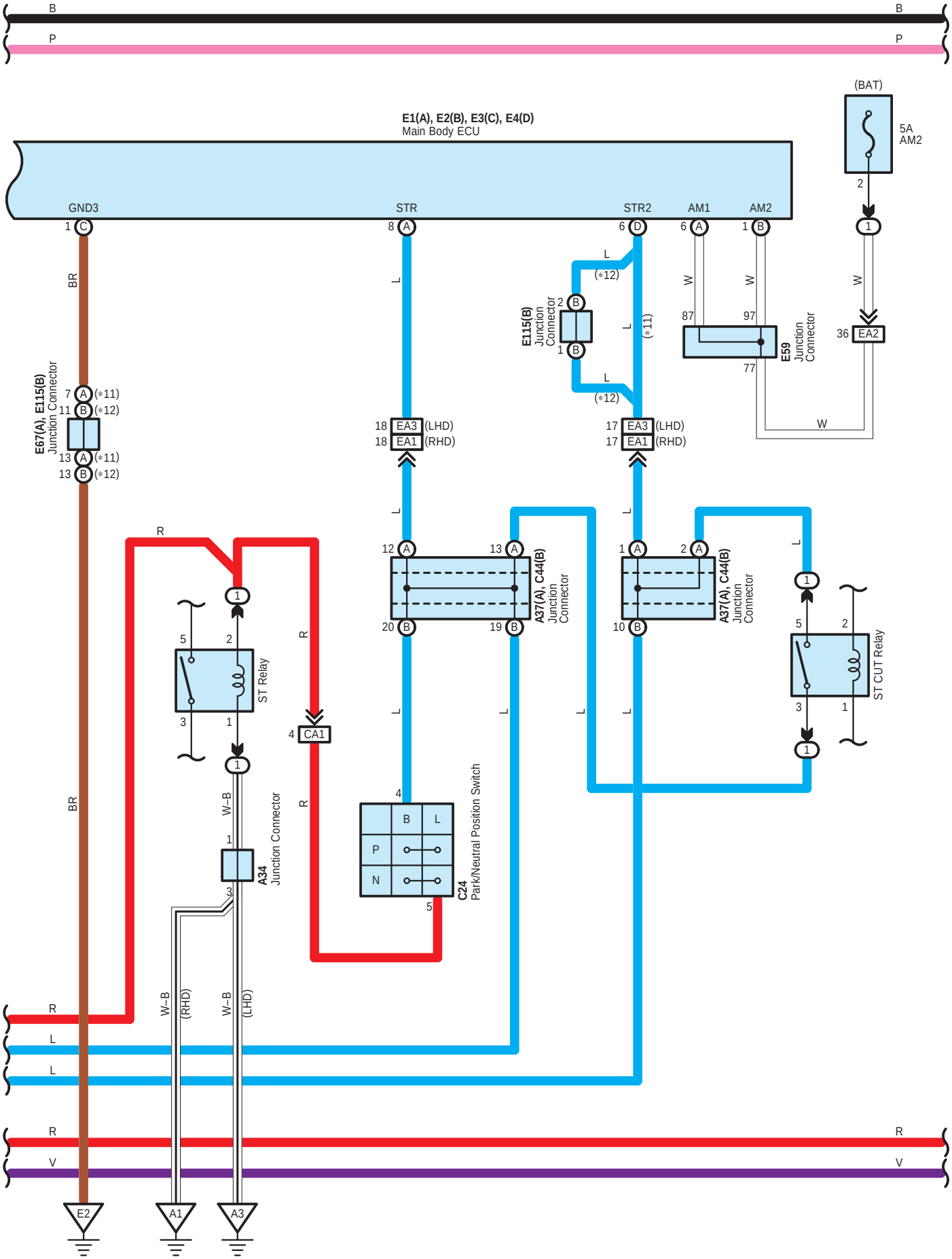

A27(A)
Four Wheel Drive Control ECU
L4
NP
21 A
16 A
E36(B), E81(C)
A/C Amplifier Assembly
ACT
AC1
22 B
27 C
29 B (w/ Rear A/C)
17 C (w/o Rear A/C)
D4(B)
Generator Assembly
M
3 B
3 AD1
6 CA2
R
G
L
BR–R
8 A
9 A
A37(A) Junction Connector
1 A
3 A
C43(A) Junction Connector
51 EA3
15 EA1
52 EA3 (LHD)
16 EA1 (RHD)
21 A
21 D
5 A
5 D
17 A
17 D
19 A
19 D
32 B (LHD)
32 C (RHD)
L4
TFN
ACT
AC1
ALT
A38(A), A52(D), C45(B), C46(C)
ECM
S4
S3
S1
S2
SR
SLT+
SLT–
SLU+
SLU–
SL1+
SL1–
SL2+
SL2–
5 B
5 C
3 B
3 C
7 B
7 C
6 B
6 C
4 B
4 C
9 B
9 C
8 B
8 C
10 B
10 C
11 B
11 C
14 B
14 C
15 B
15 C
12 B
12 C
13 B (LHD)
13 C (RHD)
G–R
B–R
R
W
G
B
G–B
L–Y
L–R
Y
L
G–R
L–W
14 A
7 A
8 A
15 A
6 A
13 A
5 A
12 A
4 A
11 A
3 A
2 B
4 B
V
SB
W
B
LG
G
GR
LG
BR
R
L
Y
V
C34(A), C96(B)
Electronically Controlled Transmission Solenoid

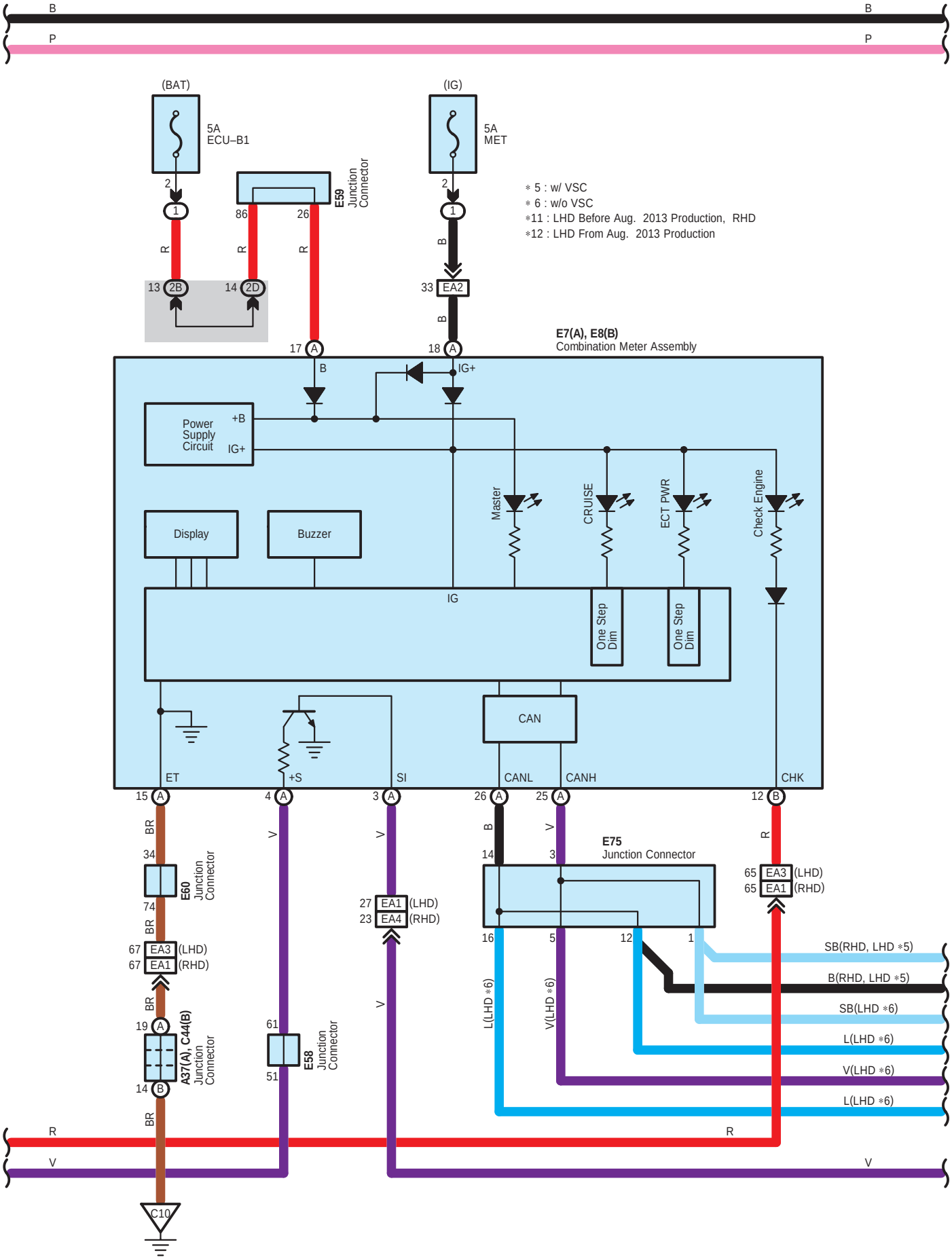

(BAT)
(IG)
15A
STOP
10A
IGN
C35
Transmission Revolution
Sensor (Turbine)
C36
Transmission Revolution
Sensor (Counter Gear)
A30
Stop Light Switch
Assembly
NT+
NT–
SP2+
SP2–
STP
ST1–
A38(A), A52(D), C45(B), C46(C)
ECM
CCS
EC
E05
E04
E03
E1
ME01
E02
E01
(LHD)
(RHD)
EA3
EA1
E12(A), z37(D)
Spiral Cable
Sub–Assembly
CCS
ECC
E60
Junction
Connector
ON–OFF
+ RES
– SET
CANCEL
z37(D)
Cruise Control Main Switch
A37(A), C44(B)
Junction
Connector
C10
A2
A4
C12
C10
C11

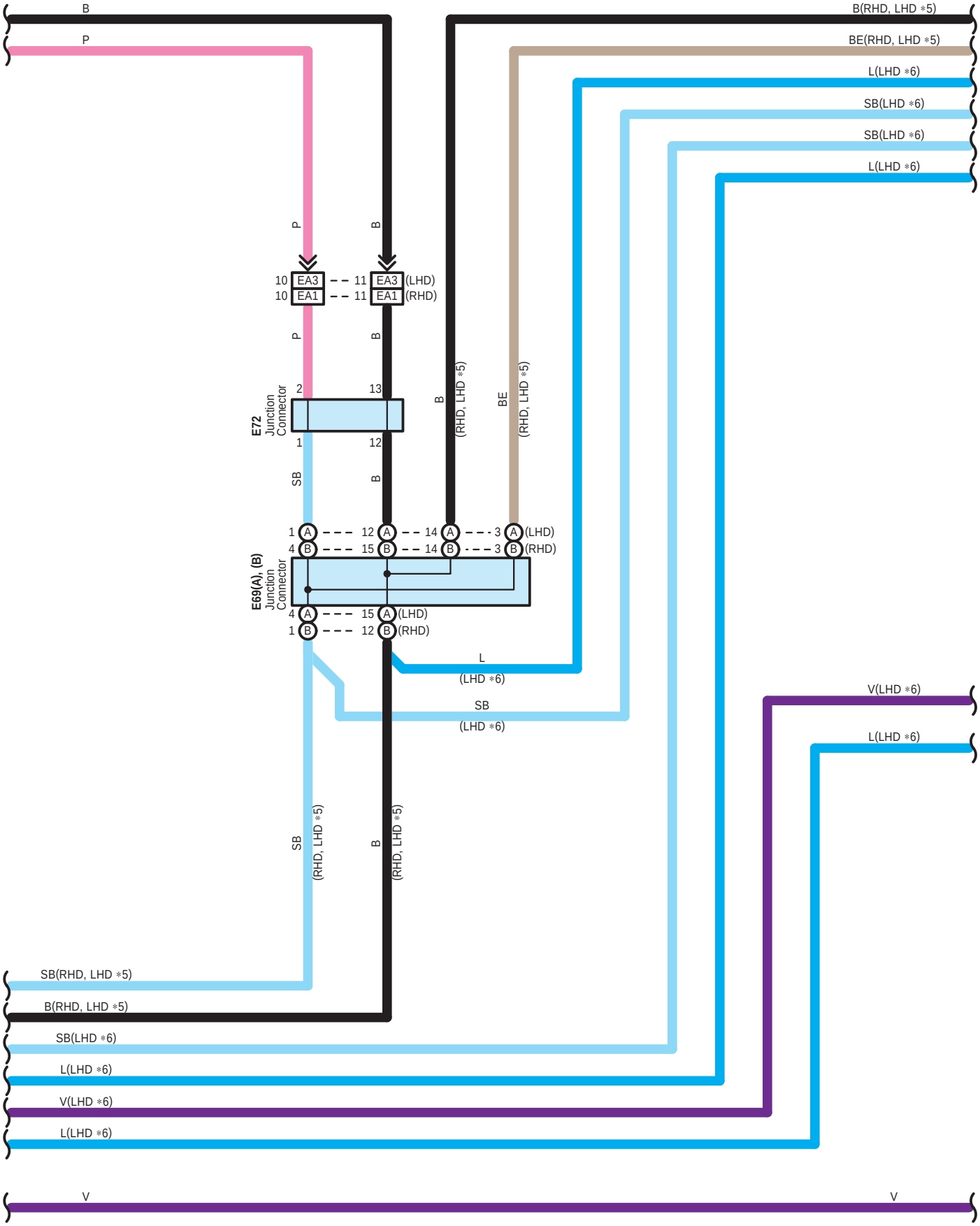

∗ 7 : w/ Crawl
∗ 8 : w/o Crawl
B
P
11 A 10 A (LHD)
11 D 10 D (RHD)
CANL
CANH
A38(A), A52(D), C45(B), C46(C)
ECM
PWR
SNWI
SFTU
SFTD
S
SPD
W
STAR
NSW
STA
51 A 4 A 38 A 27 A 25 A 13 A 24 A 16 B 120 B 46 A (LHD)
51 D 4 D 38 D 27 D 25 D 13 D 24 D 16 C 120 C 46 D (RHD)
L–B
P
V
L
W
V
R
L
L
R
37 EA3 38 EA3 35 EA3 34 EA3 (LHD)
37 EA1 38 EA1 35 EA1 34 EA1 (RHD)
36 EA3
73 EA3 (LHD)
73 EA1 (RHD)
84
94
E58 Junction Connector
27
17
E59 Junction Connector
8 VE3
9 VE3
E52
Transmission Control Switch
2
1
16 A 17 A (∗7)
3 B 4 B (∗8)
SFTU
SFTD
P
2ND
ECT Switch
E
IG
S
V4(A), (B) Suspension Control Switch
20 A (∗7)
16 B (∗8)
5
3
7
G
W–B
1 VE3
12
9
E66 Junction Connector
1
79
19
E60 Junction Connector
W–B
W–B
E2
R
L
L
G
R
V

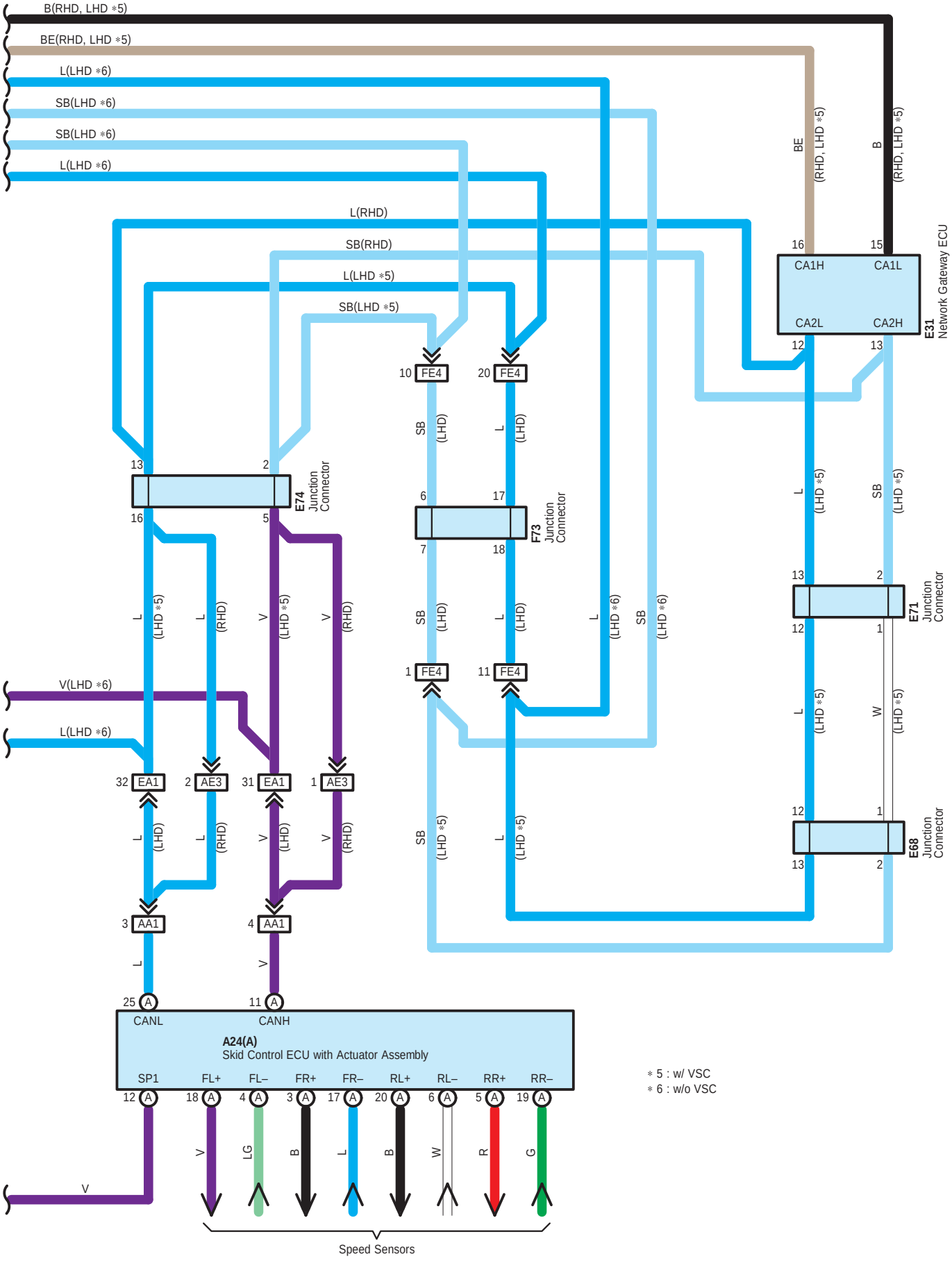

B
P
(IG)
10A
BK/UP LP
23 2B
(IG)
5A
LH–IG
55 2D
G
25 CA3
99
E58
Junction
Connector
39
65
E59
Junction
Connector
25
2
G–W
G–B
27 B
27 C
25 B
25 C
2 B (LHD)
2 C (RHD)
D
N
P
A38(A), A52(D), C45(B), C46(C)
ECM
STSW
ACCR
R
14 A
14 D
41 A
41 D
26 B (LHD)
26 C (RHD)
DL
NL
RL
PL
RB
P
R
N
D
C24
Park/Neutral
Position Switch
7
9
1
6
R (RHD)
R (LHD)
L–Y
L–R
5
6
A34
Junction
Connector
5 B
16 B
9 B
6 B
17 B
8 B
C44(B)
Junction
Connector
G–W
L–R
G–B
L–Y
R(LHD)
R(RHD)
R
L
L
G
R
V


B
P
(BAT)
25A
DOOR
NO. 2
(BAT)
25A
DOOR
NO. 1
(IG)
10A
ECU–IG
No. 2
(ACC)
7. 5A
ACC
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
ACC
IG
ALTB
BATB
GND2
ACCR
STSW
22
15
6
2
4
3 B
4 D
2
1
L
20 2B
62 2D
W–B
L–Y
R
(LHD)
R
(RHD)
9 EA3
9 EA1
8 EA3 (LHD)
8 EA1 (RHD)
4
1
E62
Junction Connector
L–Y
R(LHD)
R(RHD)
R
L
L
V
E1

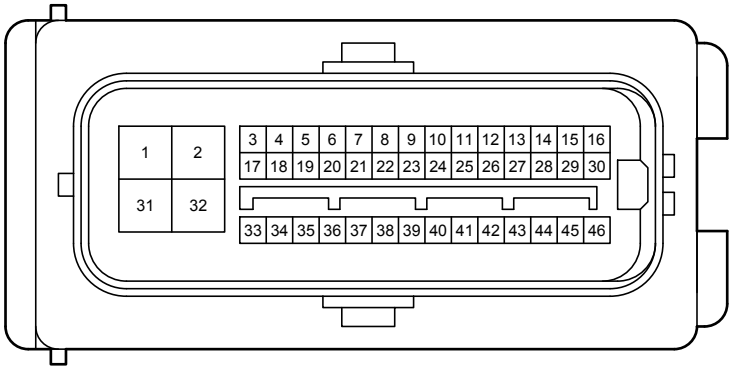

B
P
(BAT)
5A
AM2
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
GND3
STR
STR2
AM1
AM2
BR
L
W
(*12)
(*11)
E115(B)
Junction
Connector
E59
Junction
Connector
36 EA2
E67(A), E115(B)
Junction Connector
18 EA3 (LHD)
18 EA1 (RHD)
17 EA3 (LHD)
17 EA1 (RHD)
R
ST Relay
ST CUT Relay
CA1
A37(A), C44(B)
Junction
Connector
W–B
A34
Junction Connector
C24
Park/Neutral Position Switch
P
N
(RHD)
(LHD)
V
E2
A1
A3


B
P
(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction
Connector
∗ 5 : w/ VSC
∗ 6 : w/o VSC
∗11 : LHD Before Aug. 2013 Production, RHD
∗12 : LHD From Aug. 2013 Production
E7(A), E8(B)
Combination Meter Assembly
Power
Supply
Circuit
+B
IG+
Display
Buzzer
Master
CRUISE
ECT PWR
Check Engine
IG
One Step
Dim
CAN
ET
+S
SI
CANL
CANH
CHK
E60
Junction
Connector
E75
Junction Connector
A37(A), C44(B)
Junction
Connector
E58
Junction
Connector
EA3 (LHD)
EA1 (RHD)
EA2
SB(RHD, LHD ∗5)
B(RHD, LHD ∗5)
SB(LHD ∗6)
L(LHD ∗6)
V(LHD ∗6)
L(LHD ∗6)
C10

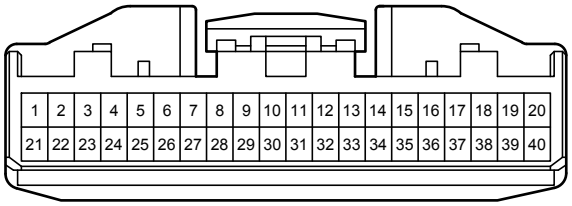

B
P
B(RHD, LHD *5)
BE(RHD, LHD *5)
L(LHD *6)
SB(LHD *6)
SB(LHD *6)
L(LHD *6)
P
B
10 EA3 11 EA3 (LHD)
10 EA1 11 EA1 (RHD)
P
B
E72 Junction Connector
2
13
1
12
B (RHD, LHD *5)
BE (RHD, LHD *5)
SB
B
1 A 12 A 14 A 3 A (LHD)
4 B 15 B 14 B 3 B (RHD)
E69(A), (B) Junction Connector
4 A 15 A (LHD)
1 B 12 B (RHD)
L
(LHD *6)
SB
(LHD *6)
V(LHD *6)
L(LHD *6)
SB (RHD, LHD *5)
B (RHD, LHD *5)
SB(RHD, LHD *5)
B(RHD, LHD *5)
SB(LHD *6)
L(LHD *6)
V(LHD *6)
L(LHD *6)
V
V


B(RHD, LHD *5)
BE(RHD, LHD *5)
L(LHD *6)
SB(LHD *6)
SB(LHD *6)
L(LHD *6)
L(RHD)
SB(RHD)
L(LHD *5)
SB(LHD *5)
BE (RHD, LHD *5)
B (RHD, LHD *5)
16 CA1H
15 CA1L
12 CA2L
13 CA2H
E31 Network Gateway ECU
10 FE4
20 FE4
SB (LHD)
L (LHD)
13
2
16
5
E74 Junction Connector
6
17
7
18
F73 Junction Connector
L (LHD *5)
SB (LHD *5)
13
2
12
1
E71 Junction Connector
L (RHD)
V (LHD *5)
V (RHD)
SB (LHD)
L (LHD)
L (LHD *6)
SB (LHD *6)
1 FE4
11 FE4
V(LHD *6)
L(LHD *6)
32 EA1
2 AE3
31 EA1
1 AE3
L (LHD)
L (RHD)
V (LHD)
V (RHD)
W (LHD *5)
12
1
13
2
E68 Junction Connector
3 AA1
4 AA1
L
V
25 A
11 A
CANL
CANH
A24(A)
Skid Control ECU with Actuator Assembly
SP1
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
12 A
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
V
LG
B
L
B
W
R
G
V
Speed Sensors
* 5 : w/ VSC
* 6 : w/o VSC

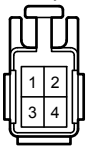
A 24
Black



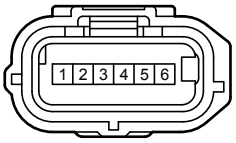
A 27
Black



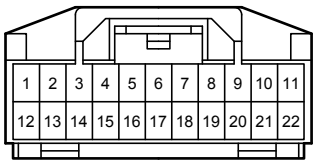
A 30
Gray



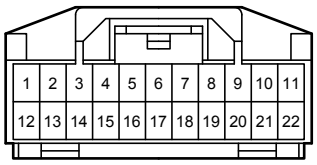
A 31
Black



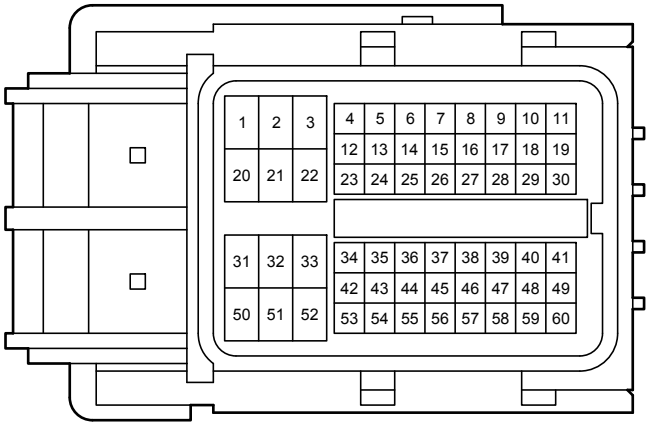
A 34
White



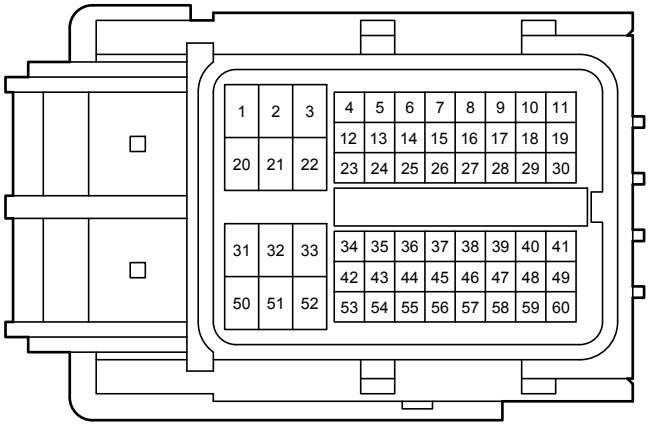
A 37
Blue



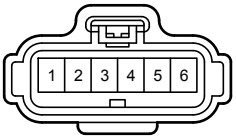
A 38
Black



A 52
Black



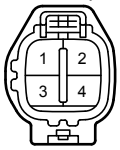
C 3
Black



C 18
Dark Gray



C 20
Dark Gray



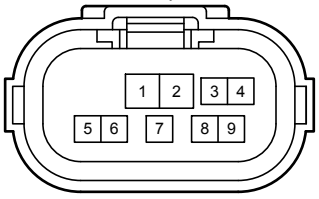
C 22
Dark Gray



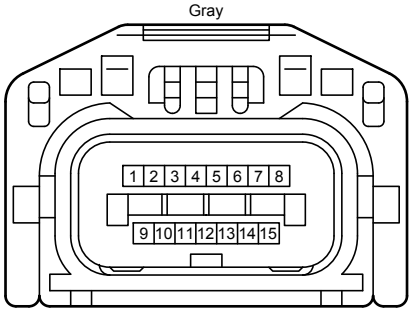
C 23
Dark Gray



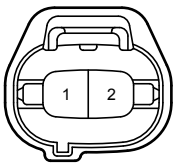
C 24
Gray



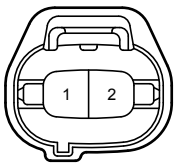
C 34
Gray



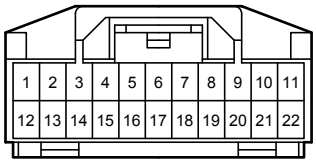
C 35
Black



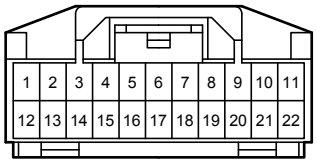
C 36
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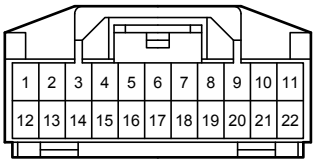
C 42
White



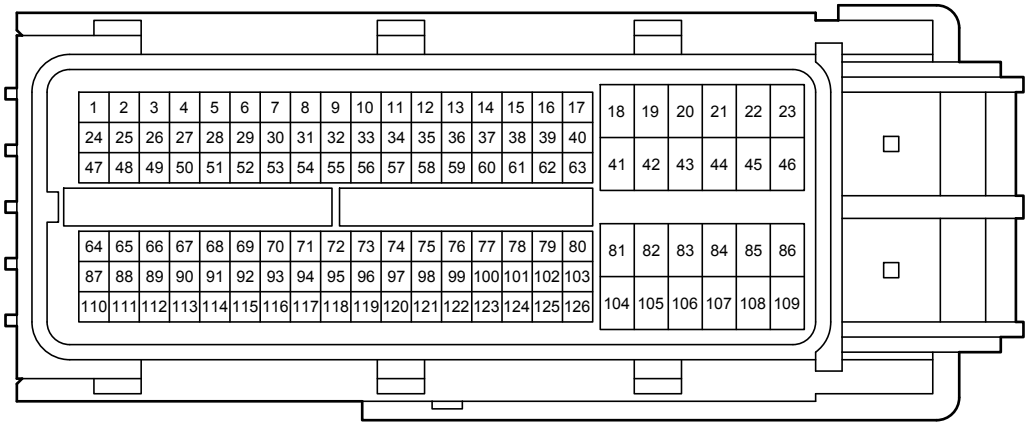
C 43
White



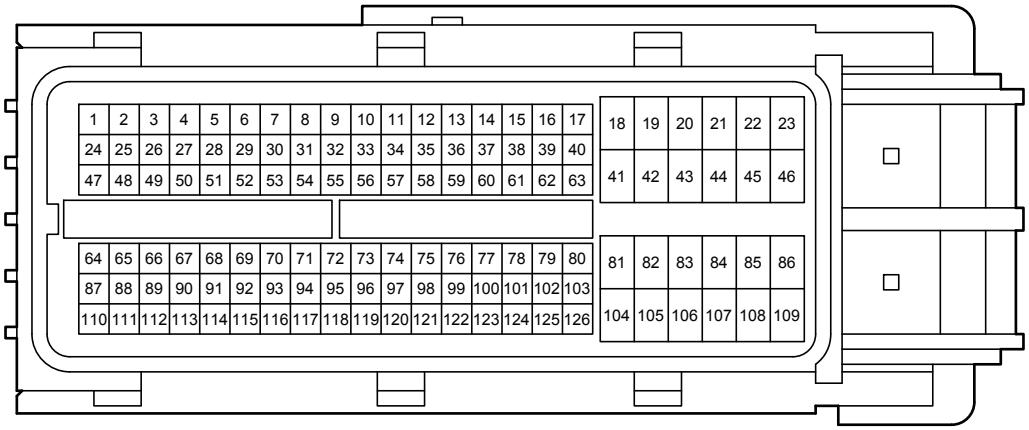
C 44
Blue



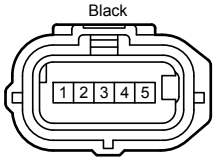
C 45
Black



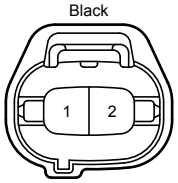
C 46
Black



C 50
Black



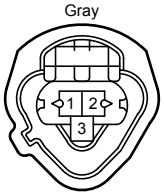
C 55
Black



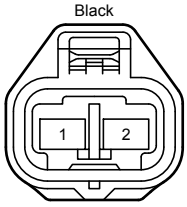
C 56
Dark Gray



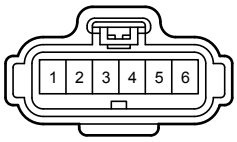
C 59
Gray



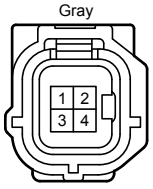
C 60
Black



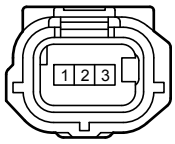
C 61
Black



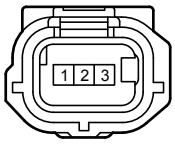
C 96
Gray



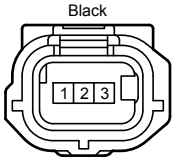
C 99
Black



C100
Black



C101
Black



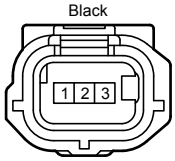
C102
Black



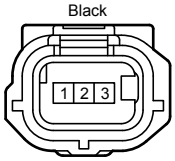
C103
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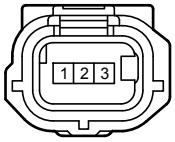
C114
Black



C121
Black



C122
Black



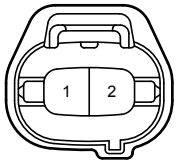
C125
Black



C126
Black



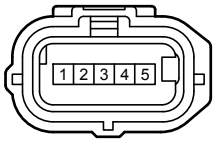
C129
Black



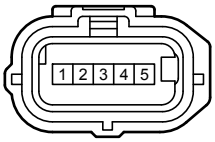
C136
Gray



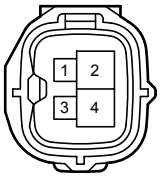
C137
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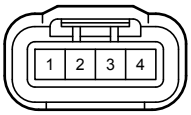
C138
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C139
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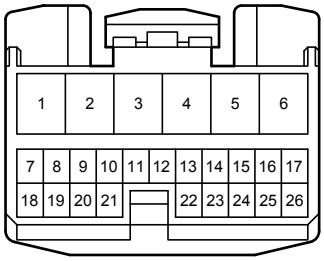
C168
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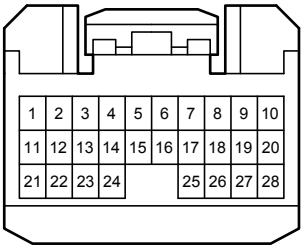
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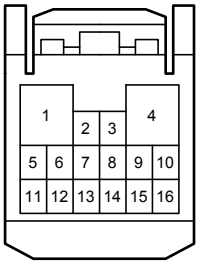
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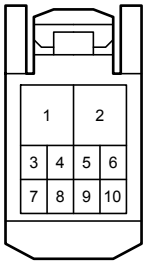
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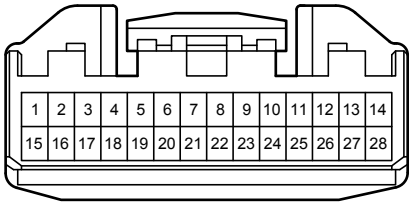
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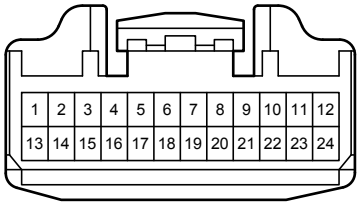
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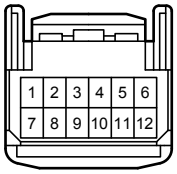
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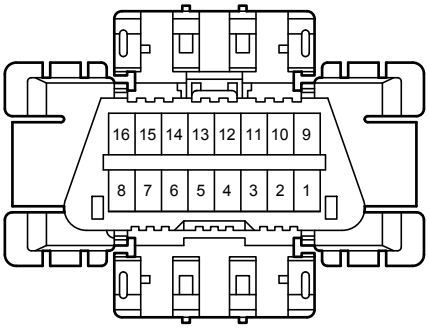
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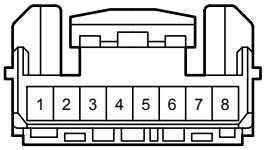
E 12
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E 22
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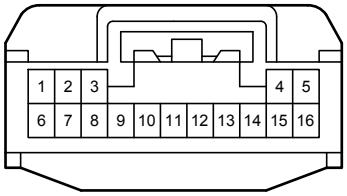


E 28
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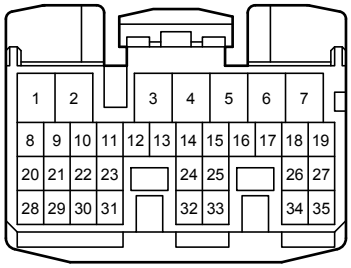
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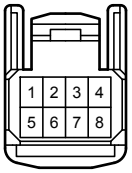
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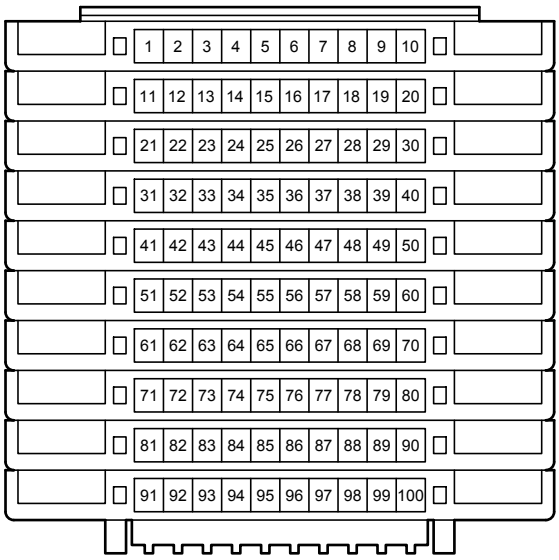


E 52

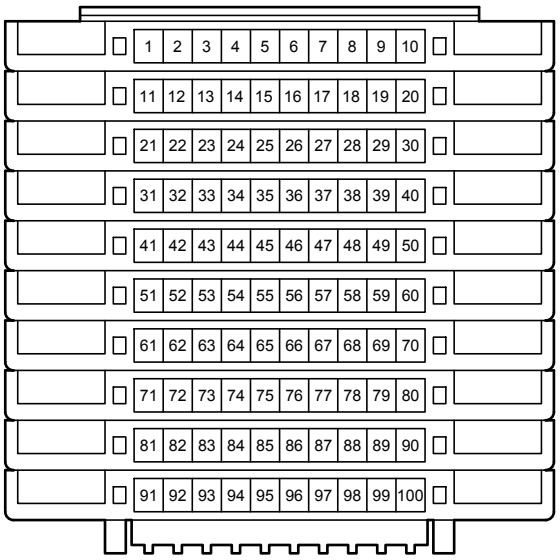
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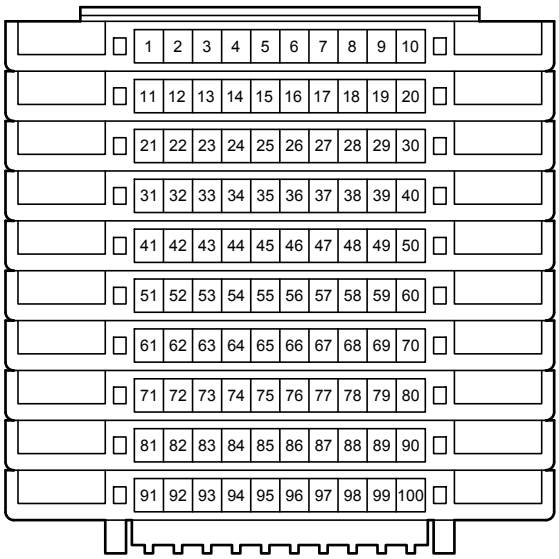
E 58



E 59

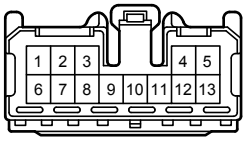


E 60



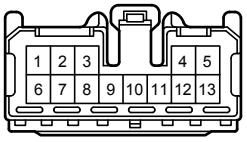
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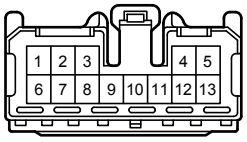


E 66

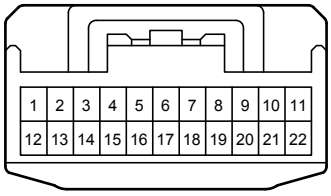
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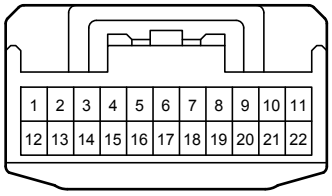
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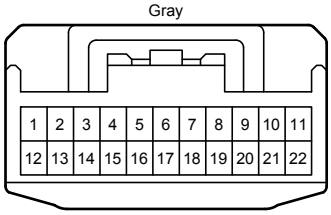
E 68
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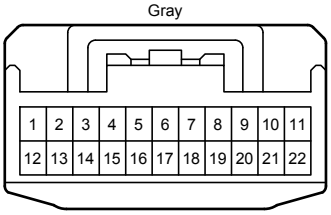
E 69
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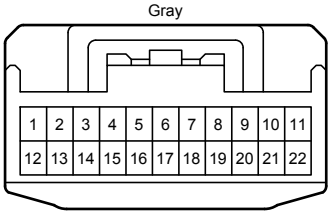
E 71
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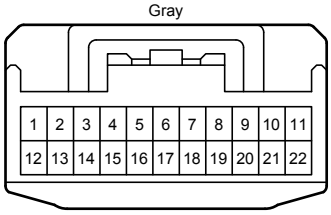
E 72
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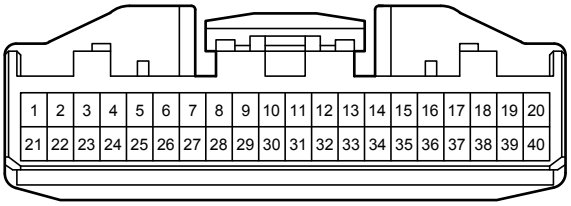
E 74
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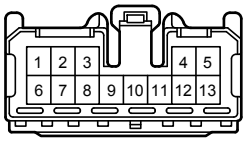
E 75
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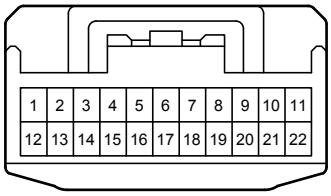
E 81
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E115
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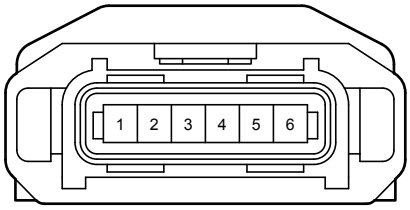
F 73
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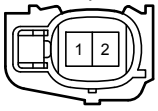
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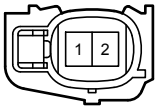
N 14
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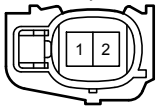
U 3
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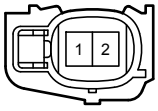
U 4
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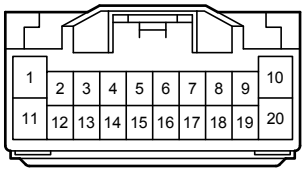
U 5
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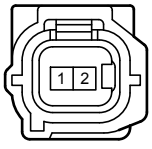
U 6
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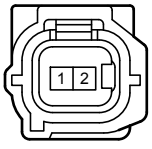
V 4
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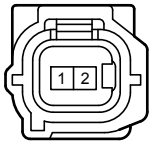
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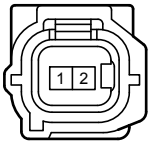
a 2
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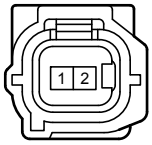
a 3
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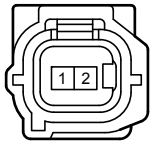
a 4
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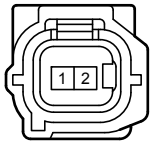
a 5
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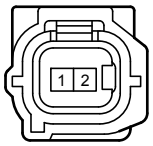
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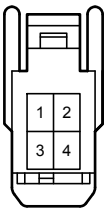
a 7
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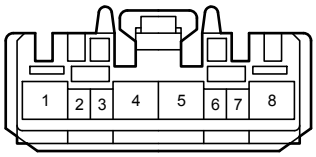
a 8
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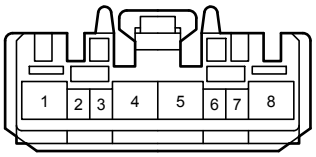
z 37
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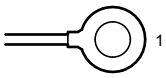
1A
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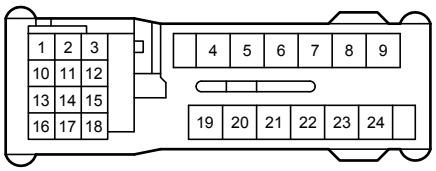
1B
White



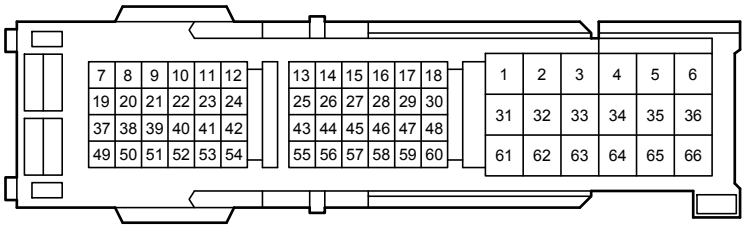
1F



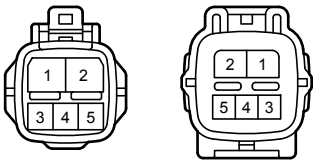
2B
White



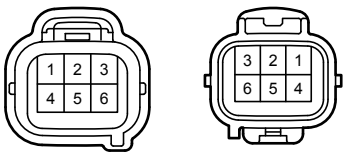
2D
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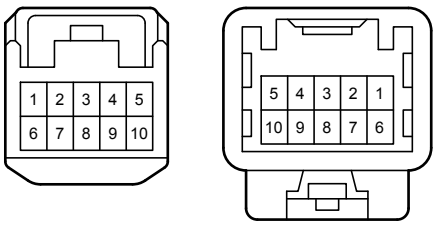
AA1
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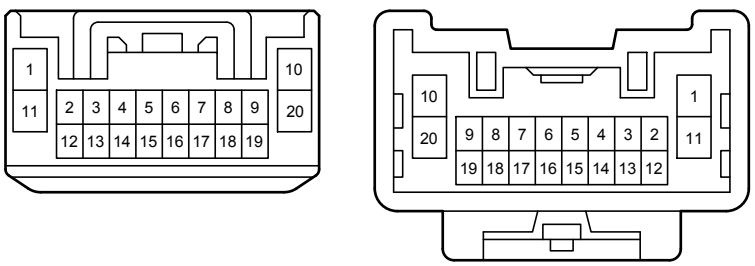
AD1
Black



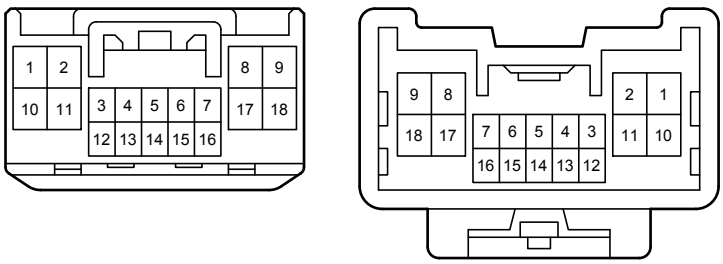
AE3
Gray



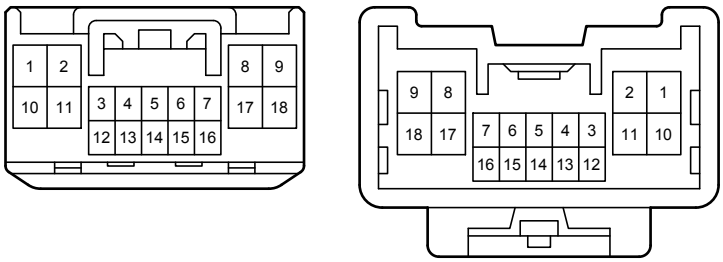
AK1
Blue



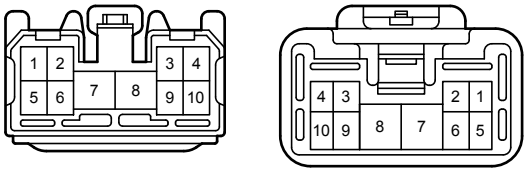
AK2
Gray



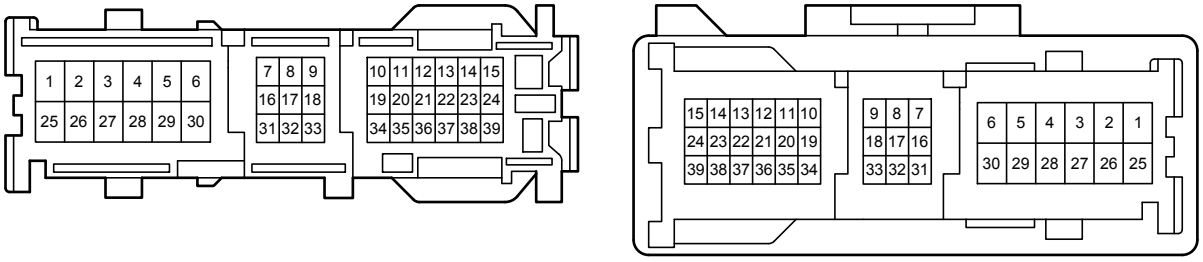
CA1
White



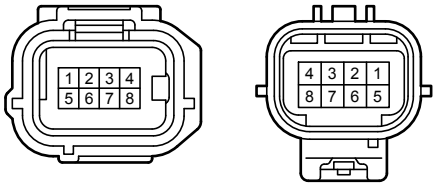
CA2
White



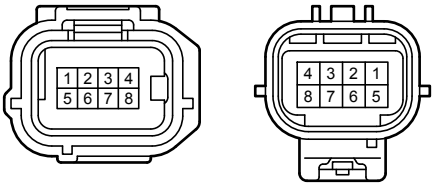
CA3
White

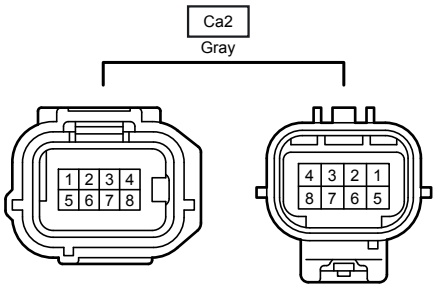


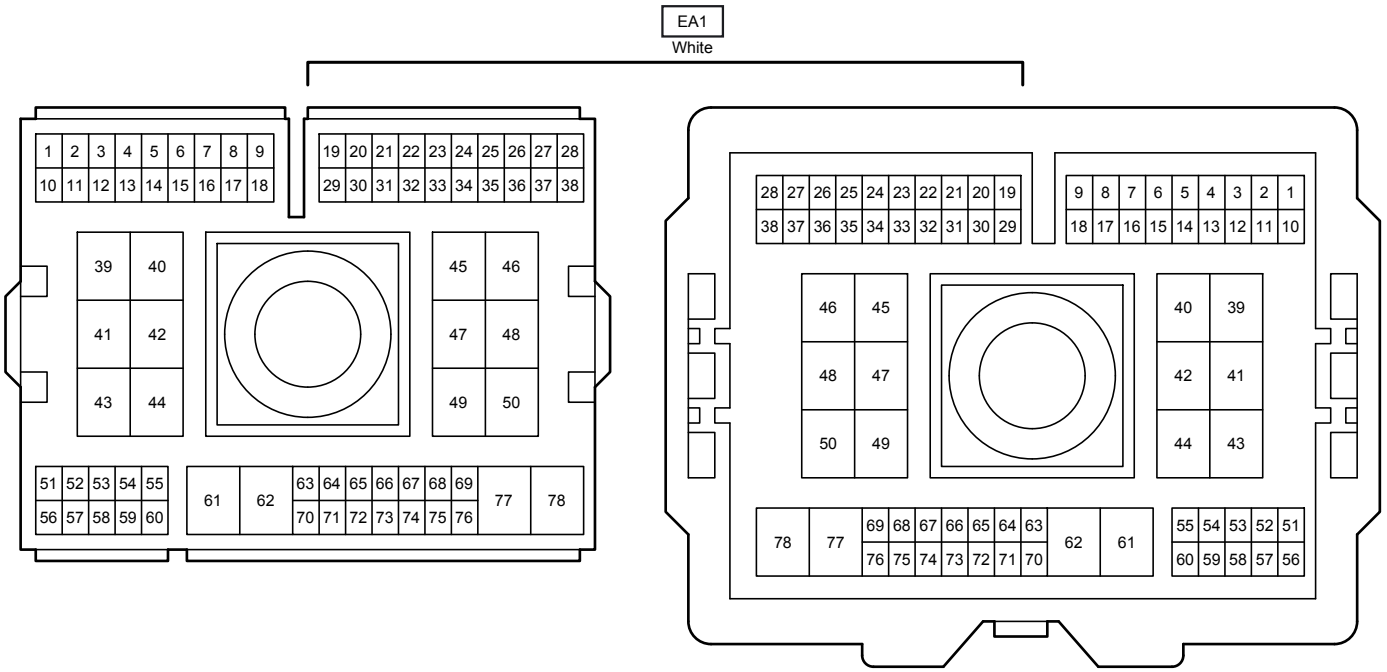
CU2
Gray

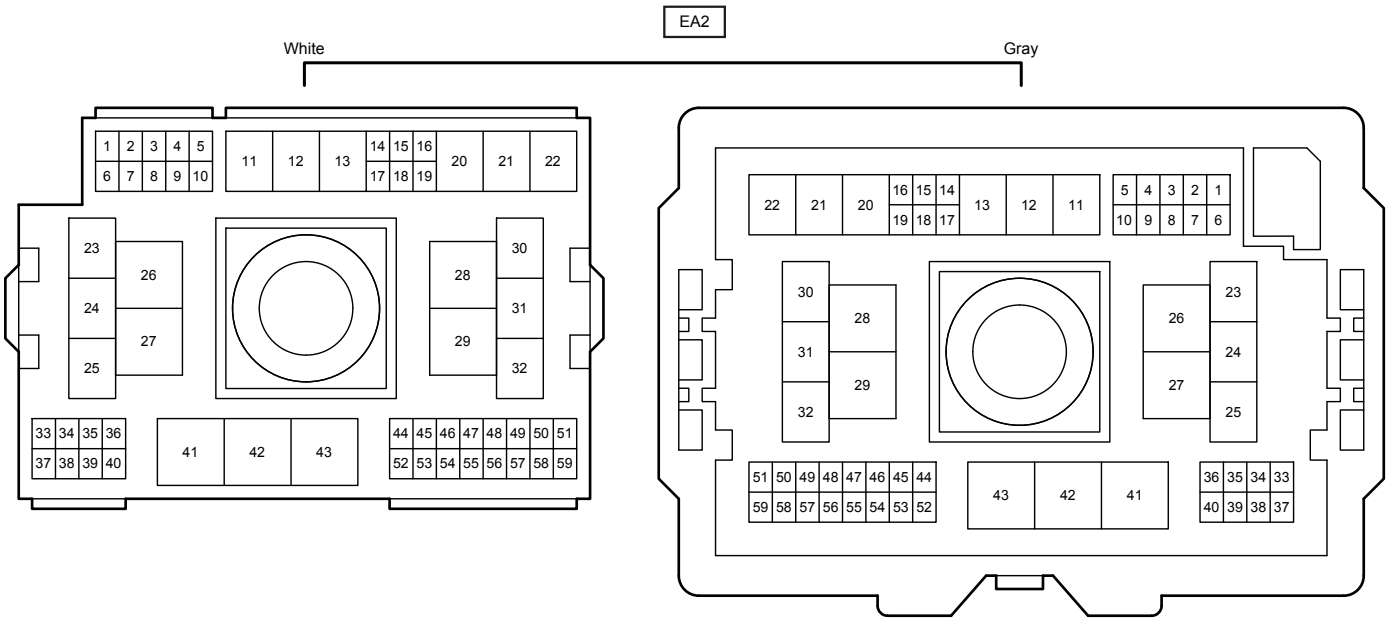


Ca1
Gray

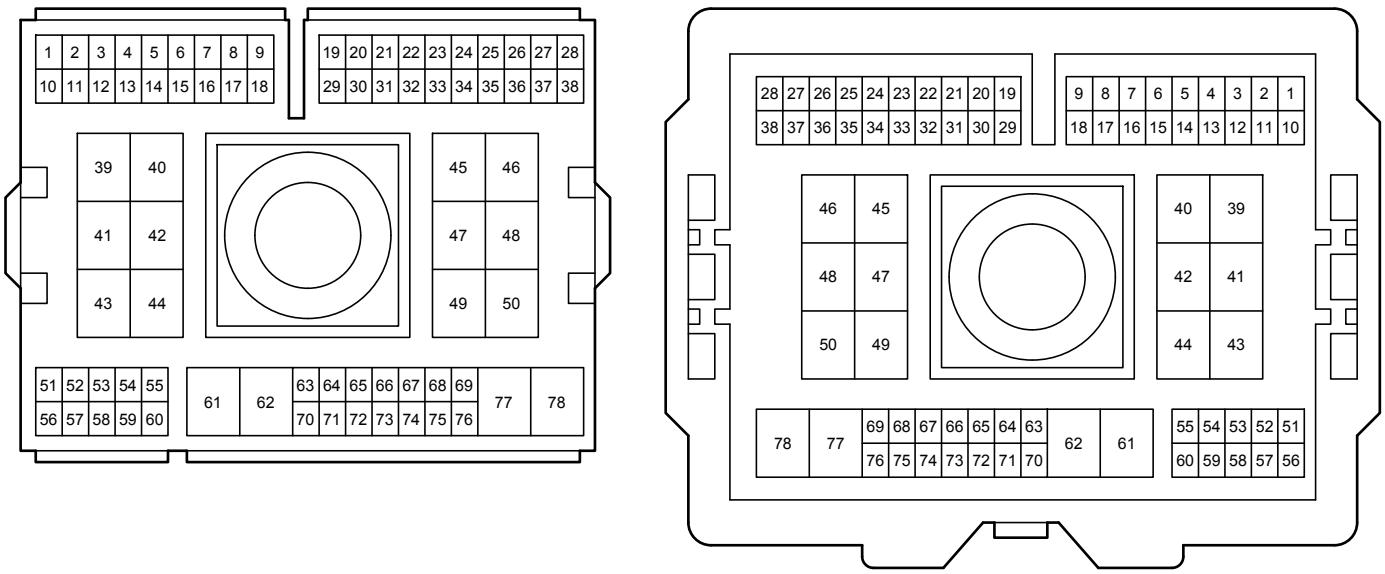



Ca2
Gray
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5

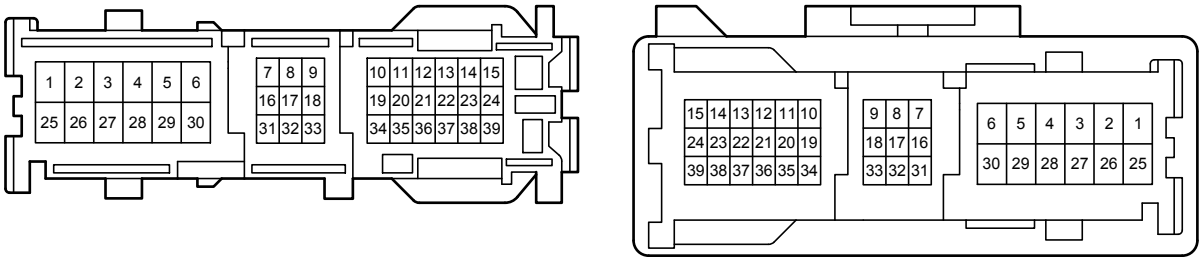

EA1
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61
62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77
78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45
48 47
50 49
40 39
42 41
44 43
78
77
69 68 67 66 65 64 63
76 75 74 73 72 71 70
62
61
55 54 53 52 51
60 59 58 57 56


EA2
White
Gray
1 2 3 4 5
6 7 8 9 10
11
12
13
14 15 16
17 18 19
20
21
22
23
24
25
26
27
28
29
30
31
32
33 34 35 36
37 38 39 40
41
42
43
44 45 46 47 48 49 50 51
52 53 54 55 56 57 58 59
22 21 20
16 15 14
19 18 17
13
12
11
5 4 3 2 1
10 9 8 7 6
30
31
32
28
29
26
27
23
24
25
51 50 49 48 47 46 45 44
59 58 57 56 55 54 53 52
43
42
41
36 35 34 33
40 39 38 37

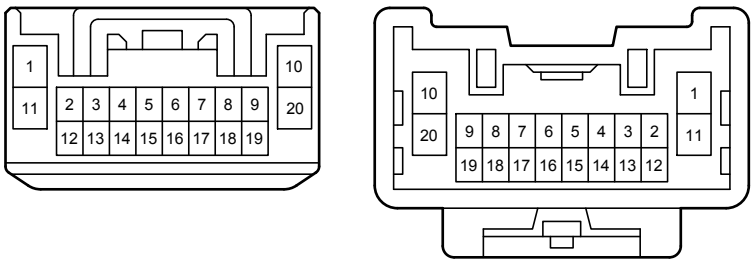
EA3
White



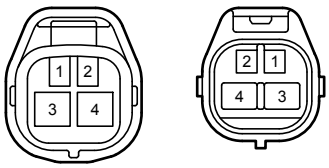
EA4
White



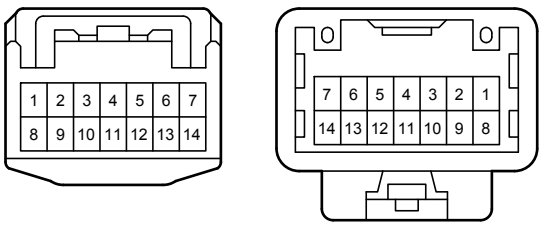
FE4
White

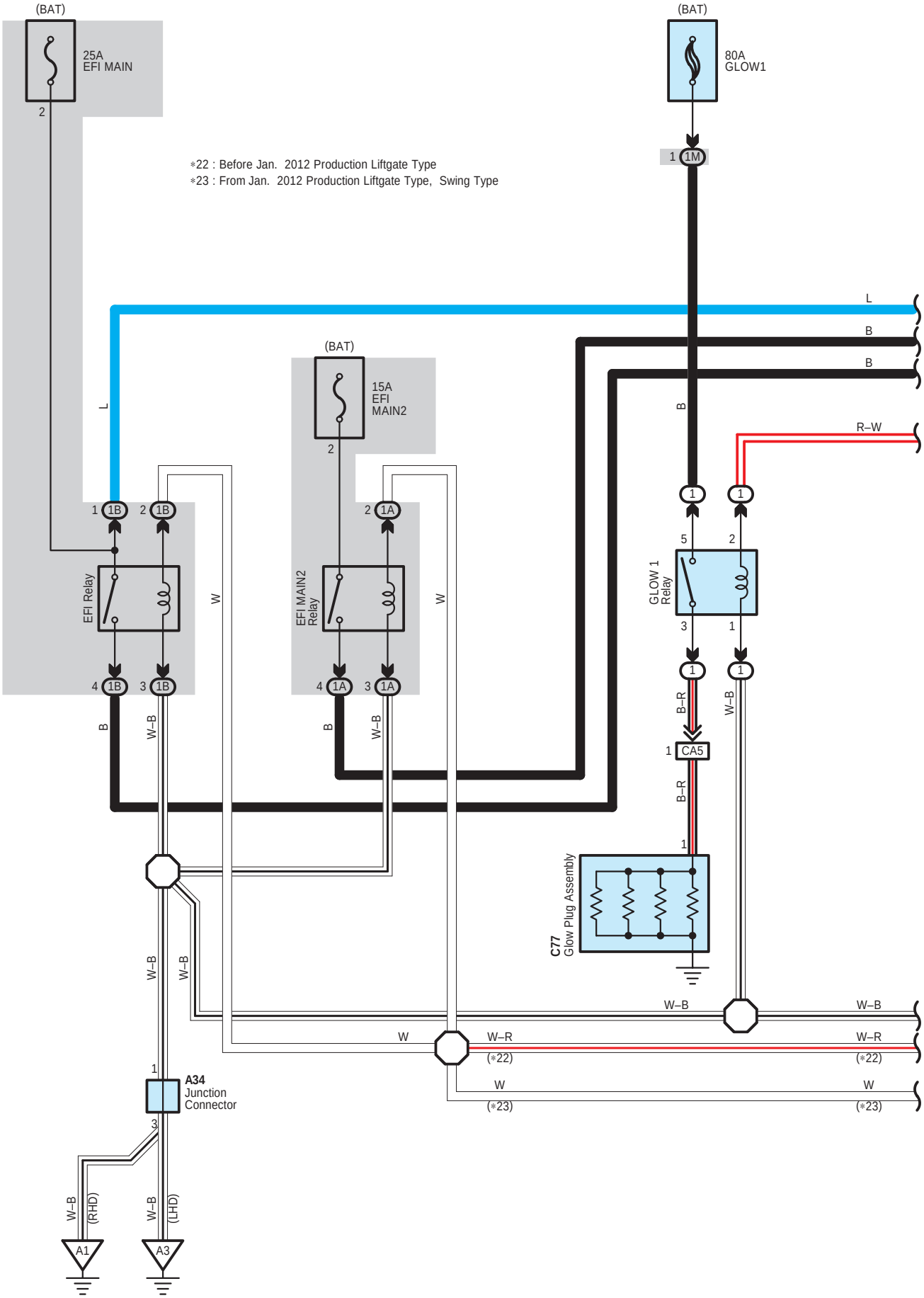


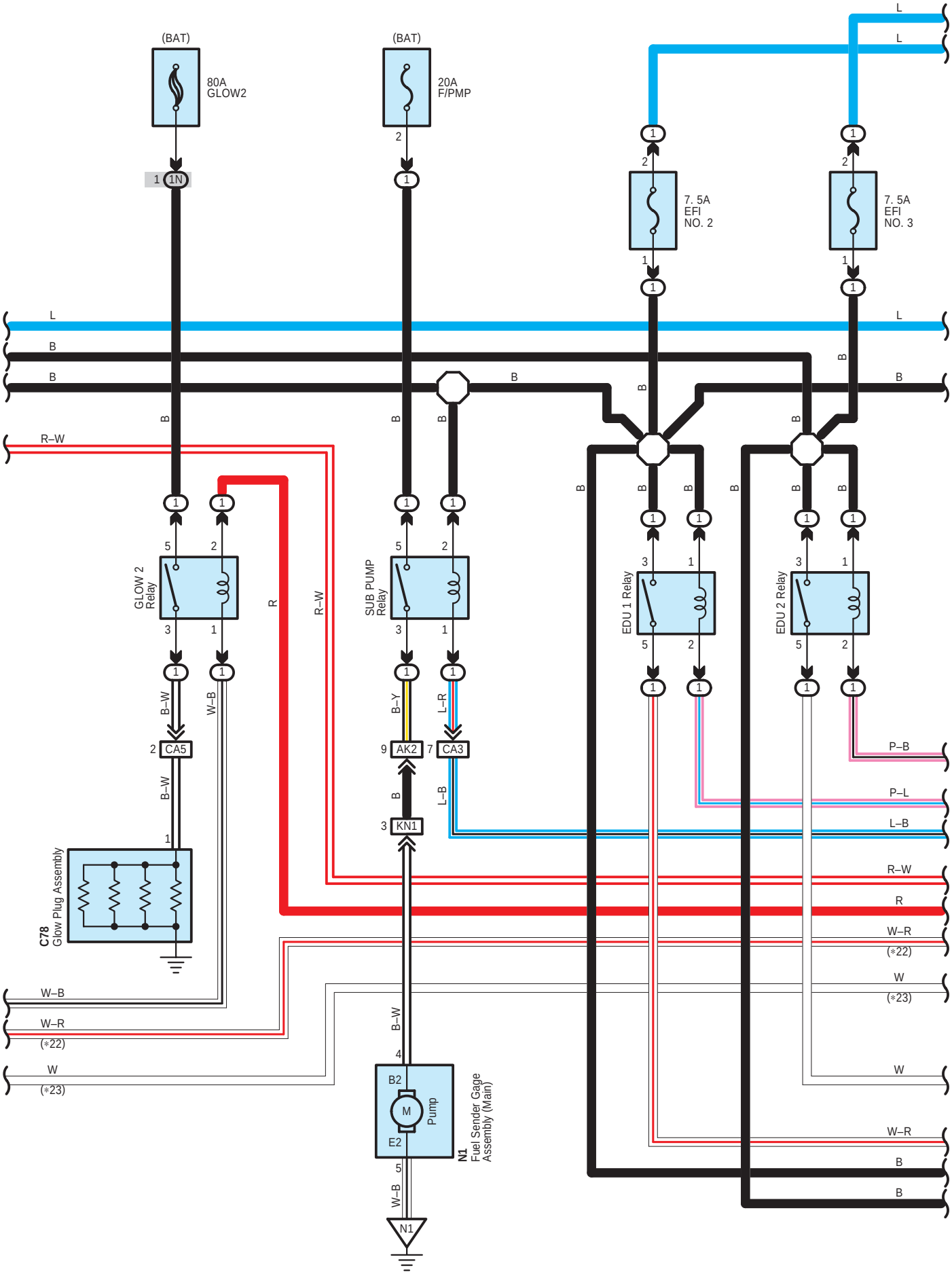
KN1
White

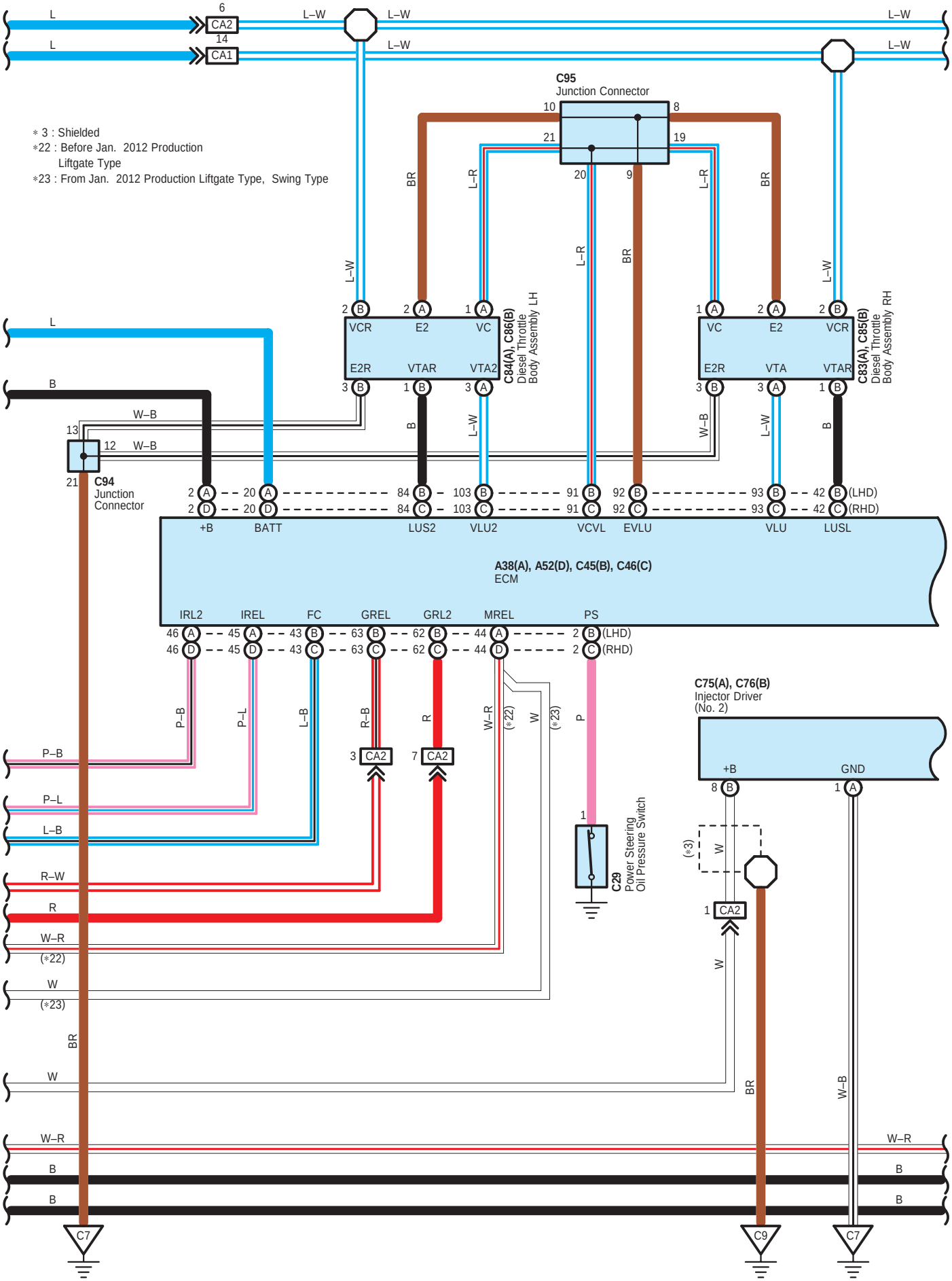


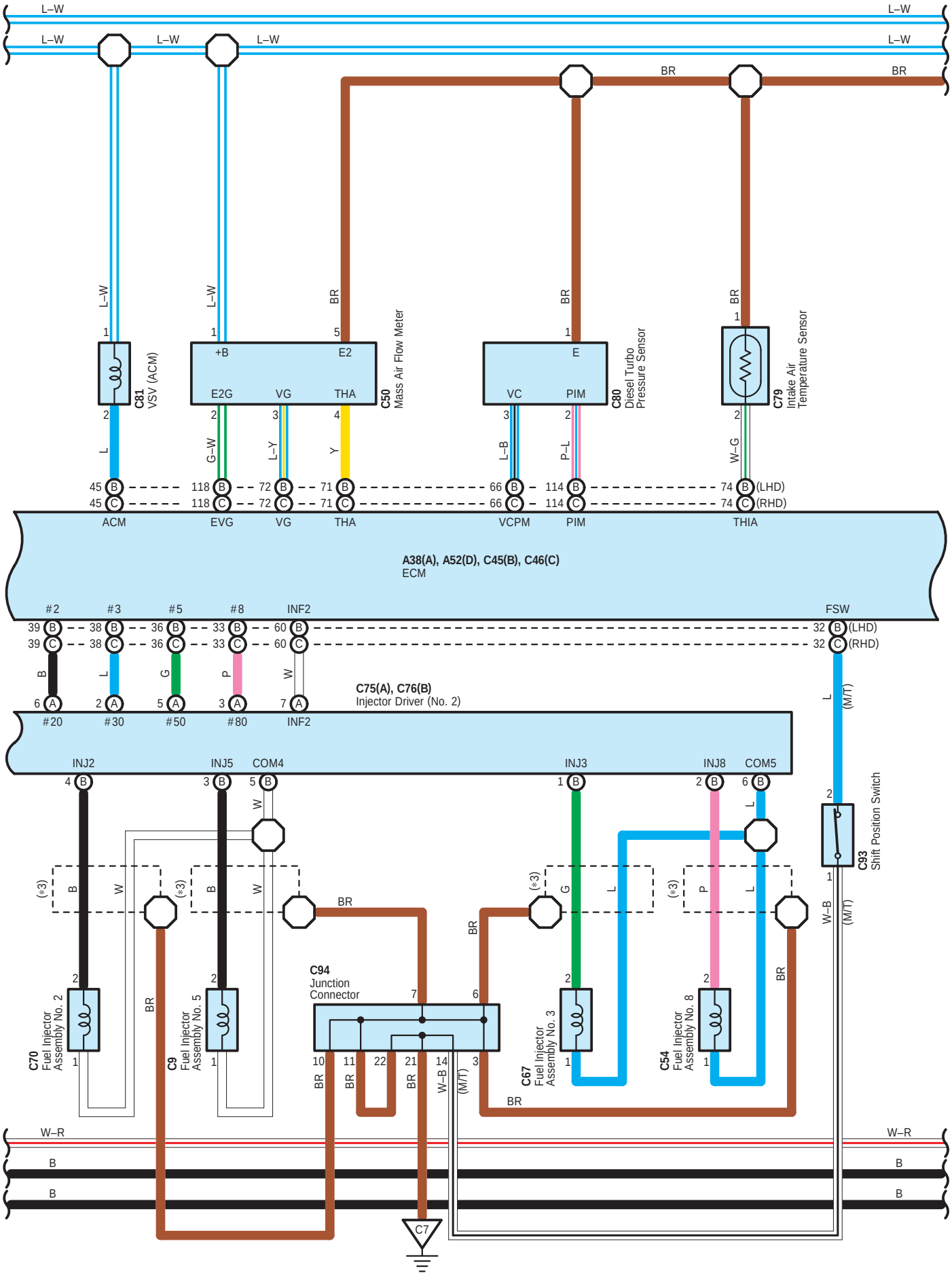
VE3
Gray

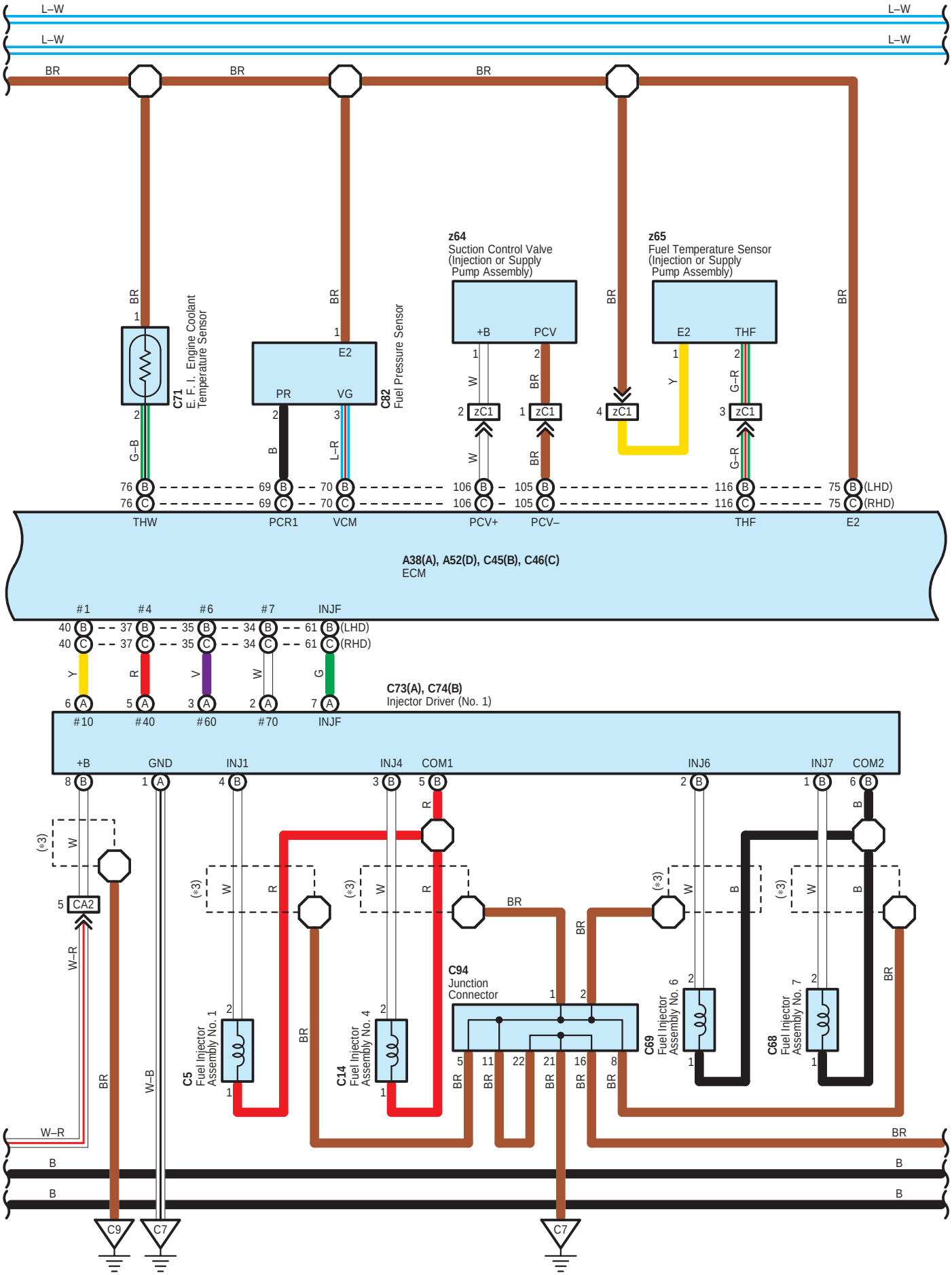


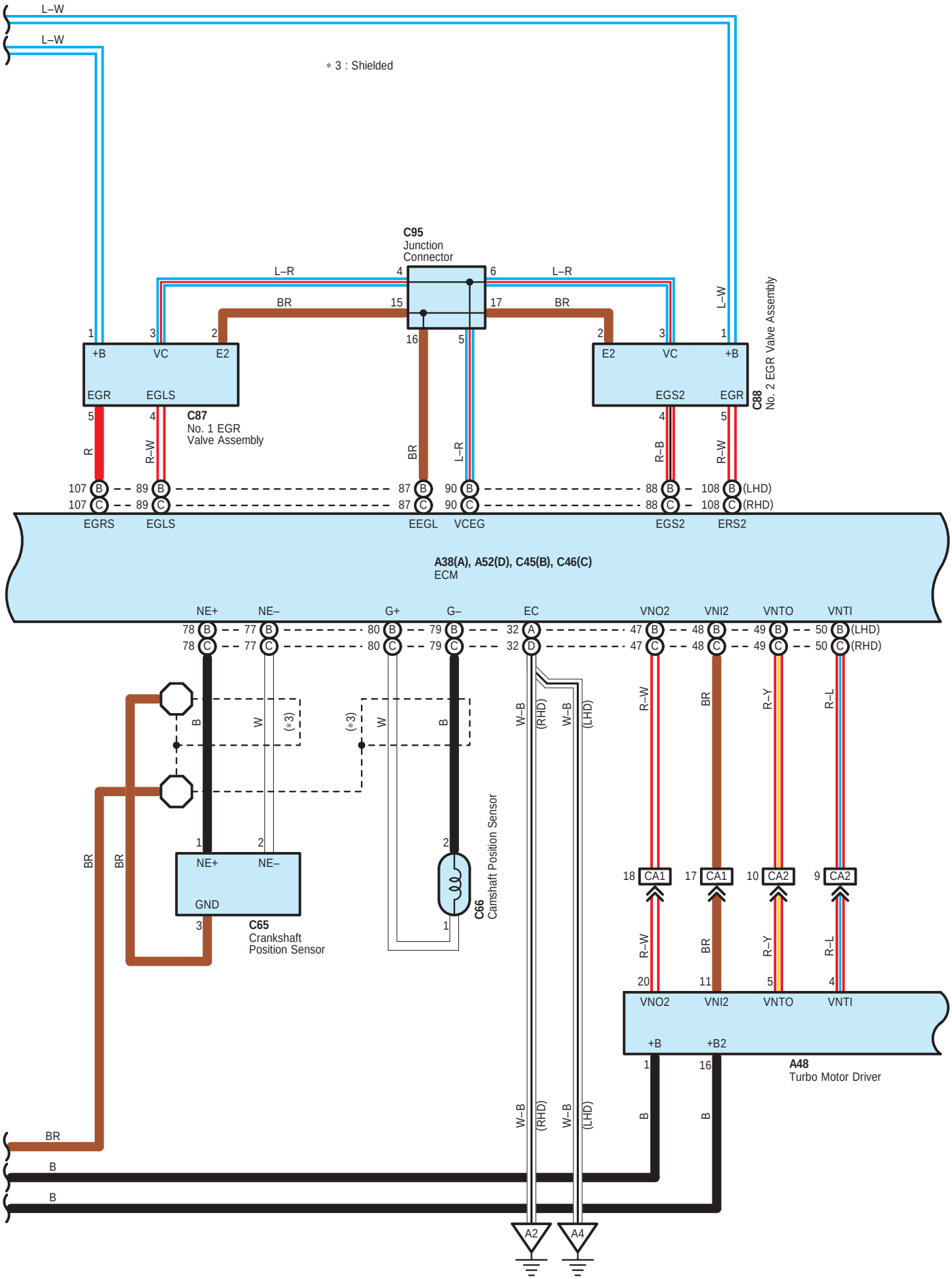

(BAT)
25A
EFI MAIN
2
(BAT)
80A
GLOW1
1 1M
∗22 : Before Jan. 2012 Production Liftgate Type
∗23 : From Jan. 2012 Production Liftgate Type, Swing Type
L
B
B
R–W
(BAT)
15A
EFI
MAIN2
2
L
B
1 1B 2 1B
2 1A
1
1
5
2
EFI Relay
EFI MAIN2
Relay
GLOW 1
Relay
3
1
4 1B 3 1B
4 1A 3 1A
1
1
B
W–B
B
W–B
B–R
W–B
1 CA5
B–R
1
C77
Glow Plug Assembly
W
W–B
W–B
W–B
W–R
(∗22)
W–B
W–R
(∗22)
1
A34
Junction
Connector
3
W
(∗23)
W
(∗23)
W–B
(RHD)
W–B
(LHD)
A1
A3

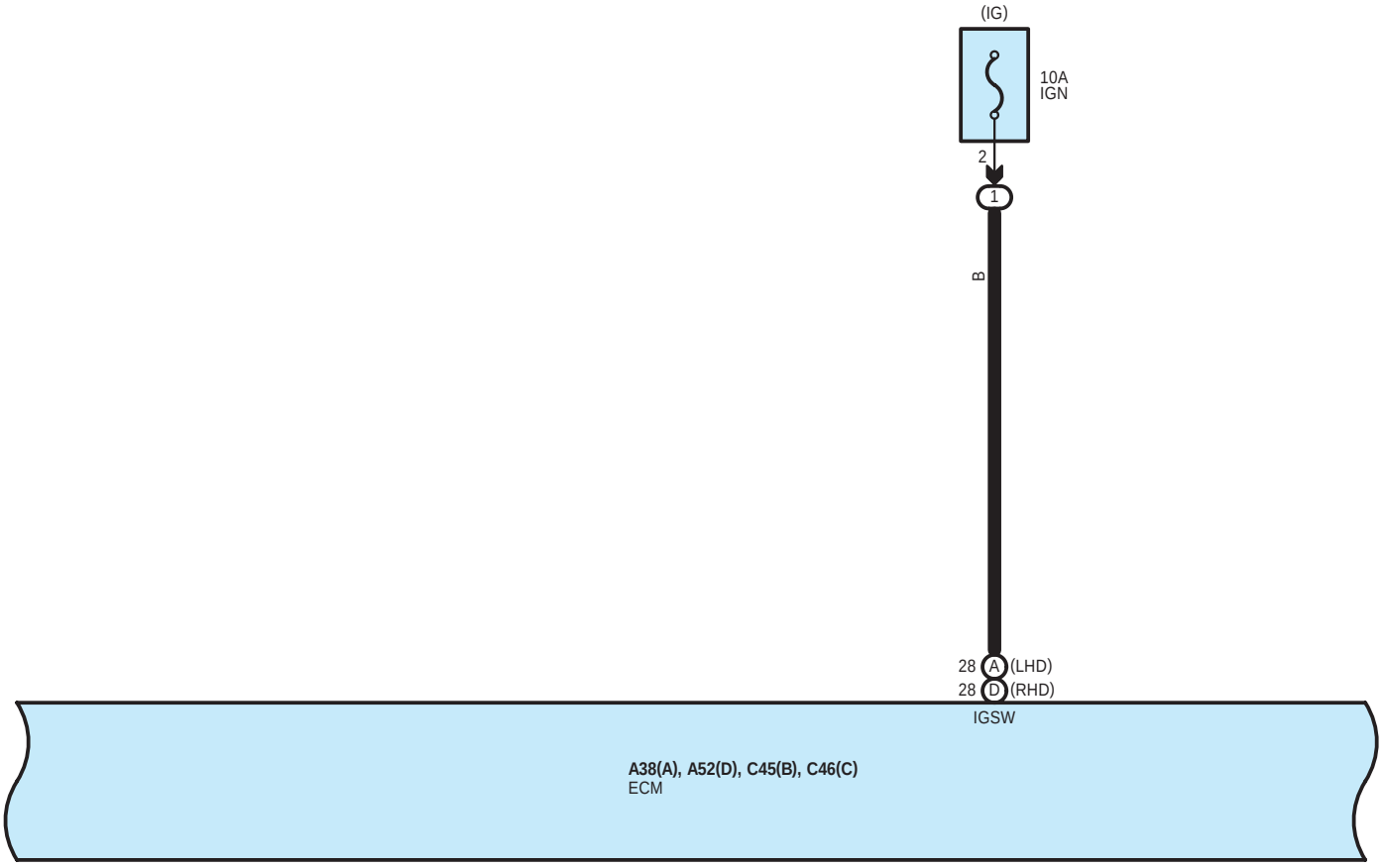

(BAT)
80A
GLOW2
(BAT)
20A
F/PMP
7. 5A
EFI
NO. 2
7. 5A
EFI
NO. 3
GLOW 2
Relay
SUB PUMP
Relay
EDU 1 Relay
EDU 2 Relay
C78
Glow Plug Assembly
N1
Fuel Sender Gage
Assembly (Main)
Pump
CA5
AK2
CA3
KN1
N1
L
B
R–W
R
W–B
W–R
(*22)
W
(*23)
B–W
B–Y
L–R
L–B
P–B
P–L

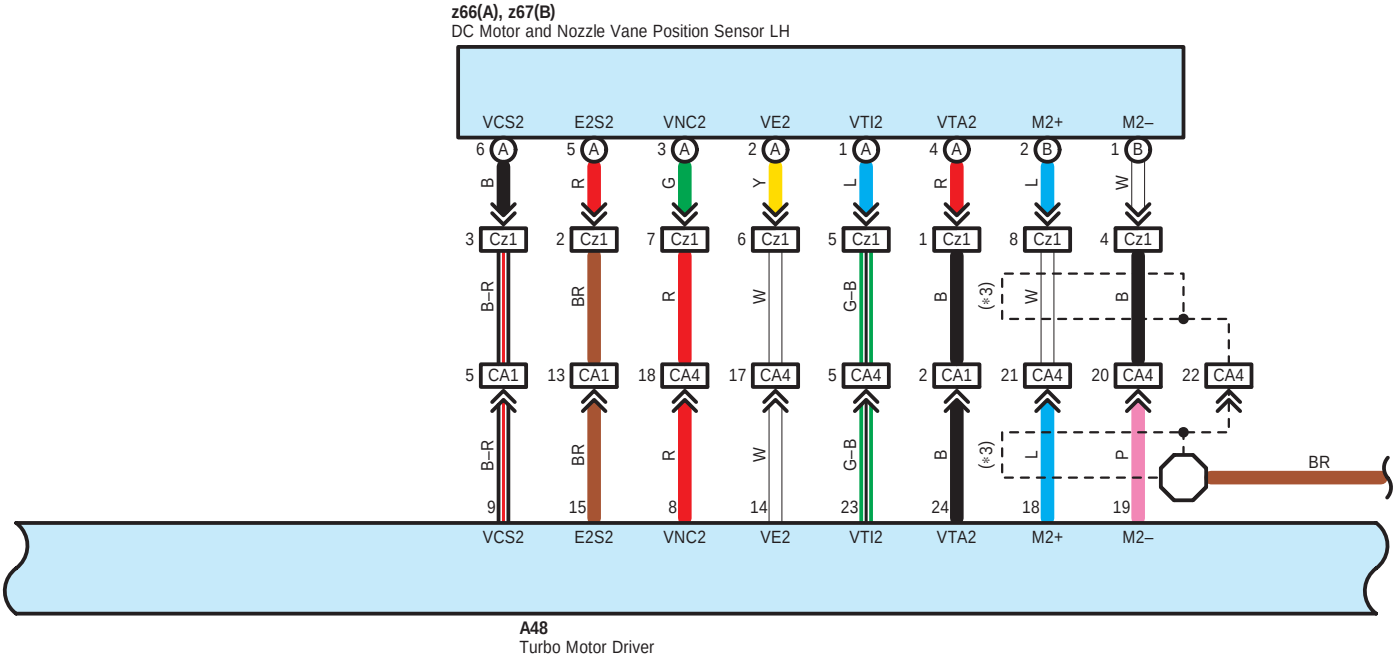

∗ 3 : Shielded
∗22 : Before Jan. 2012 Production Liftgate Type
∗23 : From Jan. 2012 Production Liftgate Type, Swing Type
C95
Junction Connector
C84(A), C86(B)
Diesel Throttle Body Assembly LH
C83(A), C85(B)
Diesel Throttle Body Assembly RH
C94
Junction Connector
A38(A), A52(D), C45(B), C46(C)
ECM
+B
BATT
LUS2
VLU2
VCVL
EVLU
VLU
LUSL
IRL2
IREL
FC
GREL
GRL2
MREL
PS
C75(A), C76(B)
Injector Driver (No. 2)
GND
C29
Power Steering Oil Pressure Switch
CA1
CA2
C7
C9

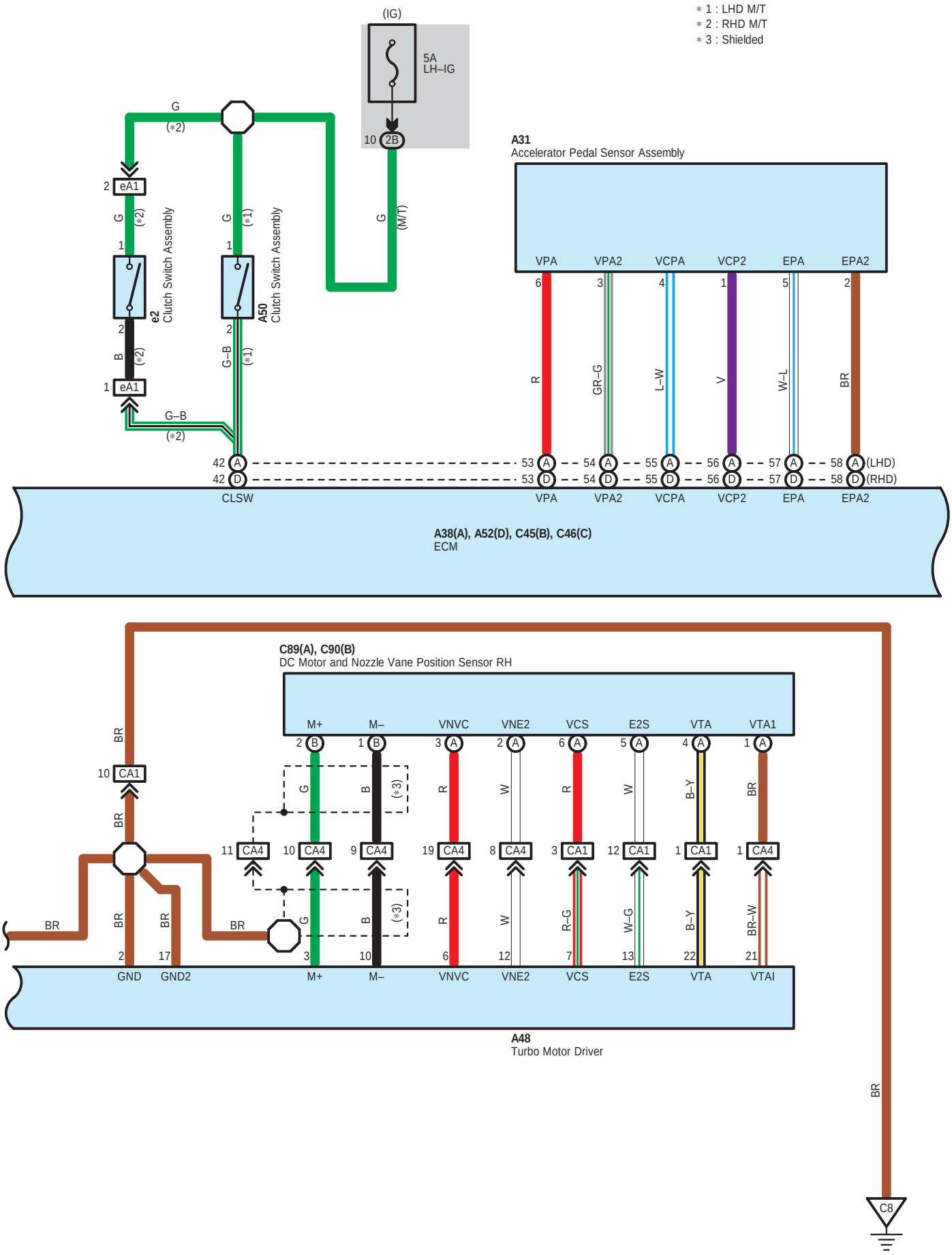

L–W
BR
C81 VSV (ACM)
C50 Mass Air Flow Meter
C80 Diesel Turbo Pressure Sensor
C79 Intake Air Temperature Sensor
+B
E2
E2G
VG
THA
E
VC
PIM
ACM
EVG
VG
THA
VCPM
PIM
THIA
(LHD)
(RHD)
A38(A), A52(D), C45(B), C46(C)
ECM
#2
#3
#5
#8
INF2
FSW
C75(A), C76(B)
Injector Driver (No. 2)
#20
#30
#50
#80
INJ2
INJ5
COM4
INJ3
INJ8
COM5
(*3)
(M/T)
C93 Shift Position Switch
C70 Fuel Injector Assembly No. 2
C9 Fuel Injector Assembly No. 5
C67 Fuel Injector Assembly No. 3
C54 Fuel Injector Assembly No. 8
C94 Junction Connector
W–R
B
C7

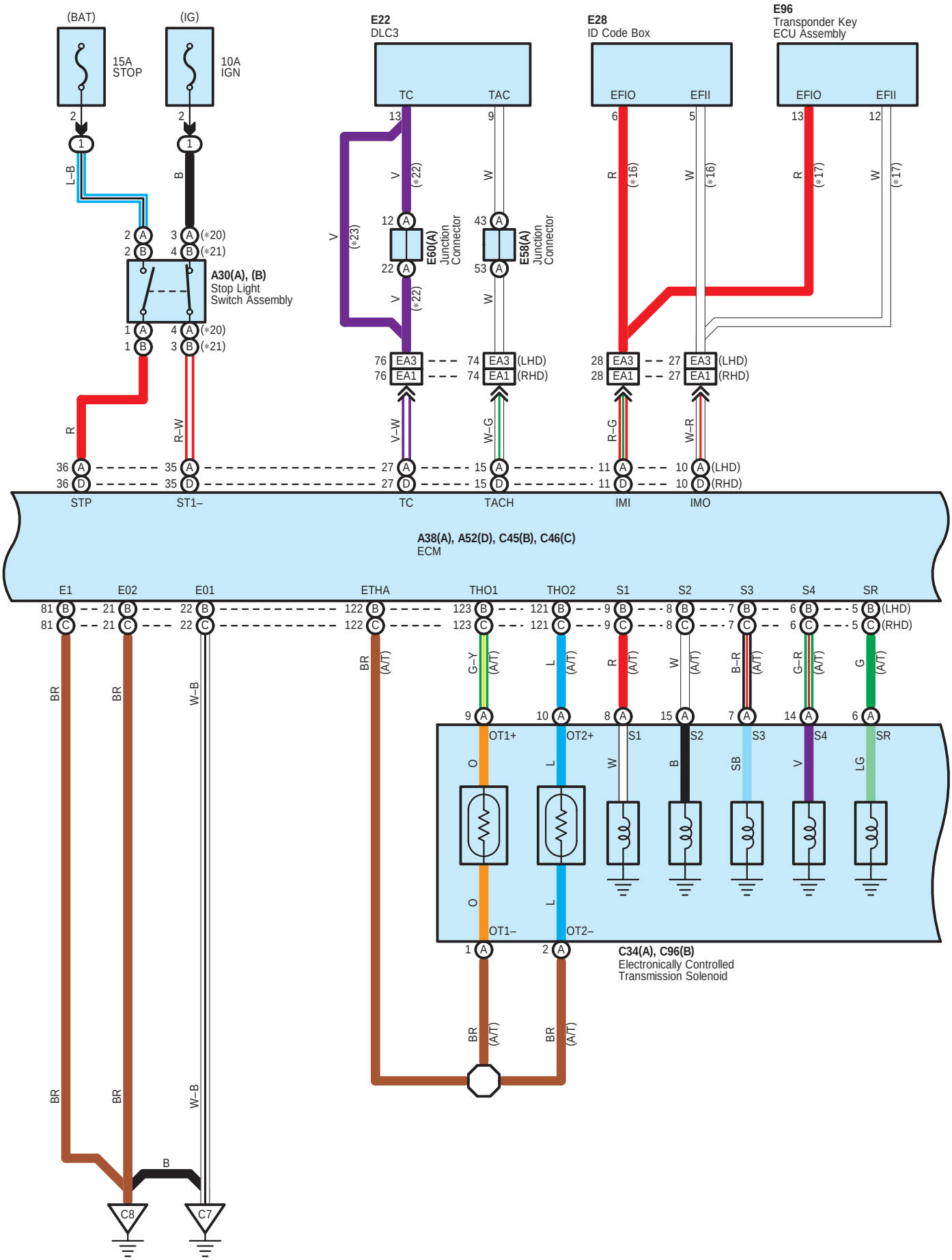

L–W
L–W
L–W
L–W
BR
BR
BR
BR
BR
BR
C71
E. F. I. Engine Coolant Temperature Sensor
C82
Fuel Pressure Sensor
E2
PR
VG
z64
Suction Control Valve (Injection or Supply Pump Assembly)
+B
PCV
z65
Fuel Temperature Sensor (Injection or Supply Pump Assembly)
E2
THF
zC1
G–B
B
L–R
W
G–R
Y
76 B
76 C
69 B
69 C
70 B
70 C
106 B
106 C
105 B
105 C
116 B
116 C
75 B (LHD)
75 C (RHD)
THW
PCR1
VCM
PCV+
PCV–
THF
E2
A38(A), A52(D), C45(B), C46(C)
ECM
#1
#4
#6
#7
INJF
40 B
40 C
37 B
37 C
35 B
35 C
34 B
34 C
61 B (LHD)
61 C (RHD)
Y
R
V
W
G
6 A
5 A
3 A
2 A
7 A
#10
#40
#60
#70
INJF
C73(A), C74(B)
Injector Driver (No. 1)
+B
GND
INJ1
INJ4
COM1
INJ6
INJ7
COM2
8 B
1 A
4 B
3 B
5 B
2 B
1 B
6 B
(*3)
W
R
B
5 CA2
W–R
BR
W–B
C5
Fuel Injector Assembly No. 1
C14
Fuel Injector Assembly No. 4
C94
Junction Connector
C69
Fuel Injector Assembly No. 6
C68
Fuel Injector Assembly No. 7
5
11
22
21
16
8
C9
C7
C7

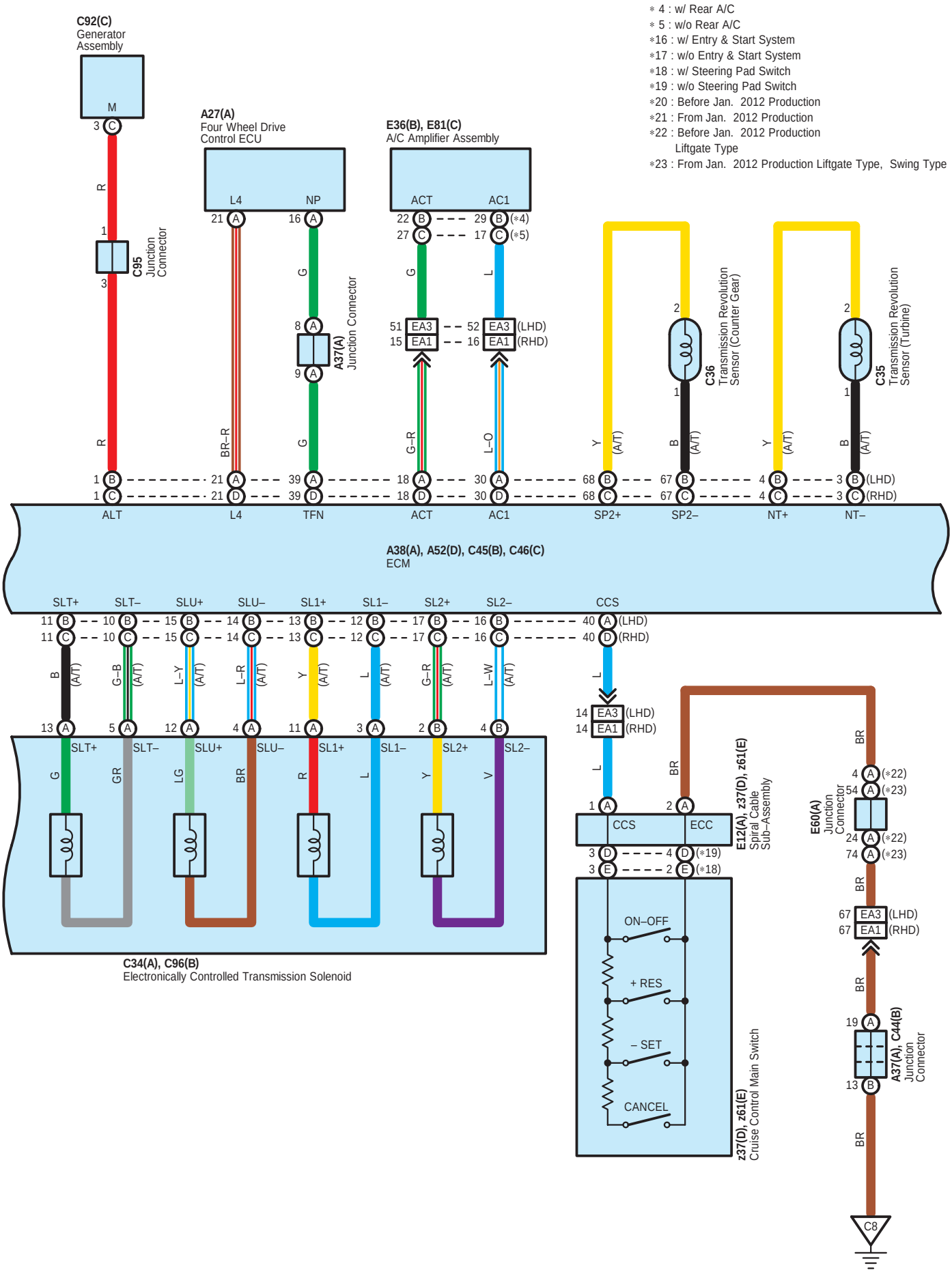

L–W
L–W
* 3 : Shielded
C95
Junction
Connector
L–R
BR
L–R
BR
L–W
C87
No. 1 EGR
Valve Assembly
C88
No. 2 EGR Valve Assembly
+B
VC
E2
EGR
EGLS
E2
VC
+B
EGS2
EGR
R
R–W
BR
L–R
R–B
R–W
107 89 87 90 88 108 (LHD)
107 89 87 90 88 108 (RHD)
EGRS
EGLS
EEGL
VCEG
EGS2
ERS2
A38(A), A52(D), C45(B), C46(C)
ECM
NE+
NE–
G+
G–
EC
VNO2
VNI2
VNTO
VNTI
78 77 80 79 32 47 48 49 50 (LHD)
78 77 80 79 32 47 48 49 50 (RHD)
B
W
(*3)
W–B
(RHD)
W–B
(LHD)
R–W
BR
R–Y
R–L
NE+
NE–
GND
C65
Crankshaft
Position Sensor
C66
Camshaft Position Sensor
18 CA1
17 CA1
10 CA2
9 CA2
20
11
5
4
VNO2
VNI2
VNTO
VNTI
+B
+B2
1
16
A48
Turbo Motor Driver
BR
B
B
A2
A4

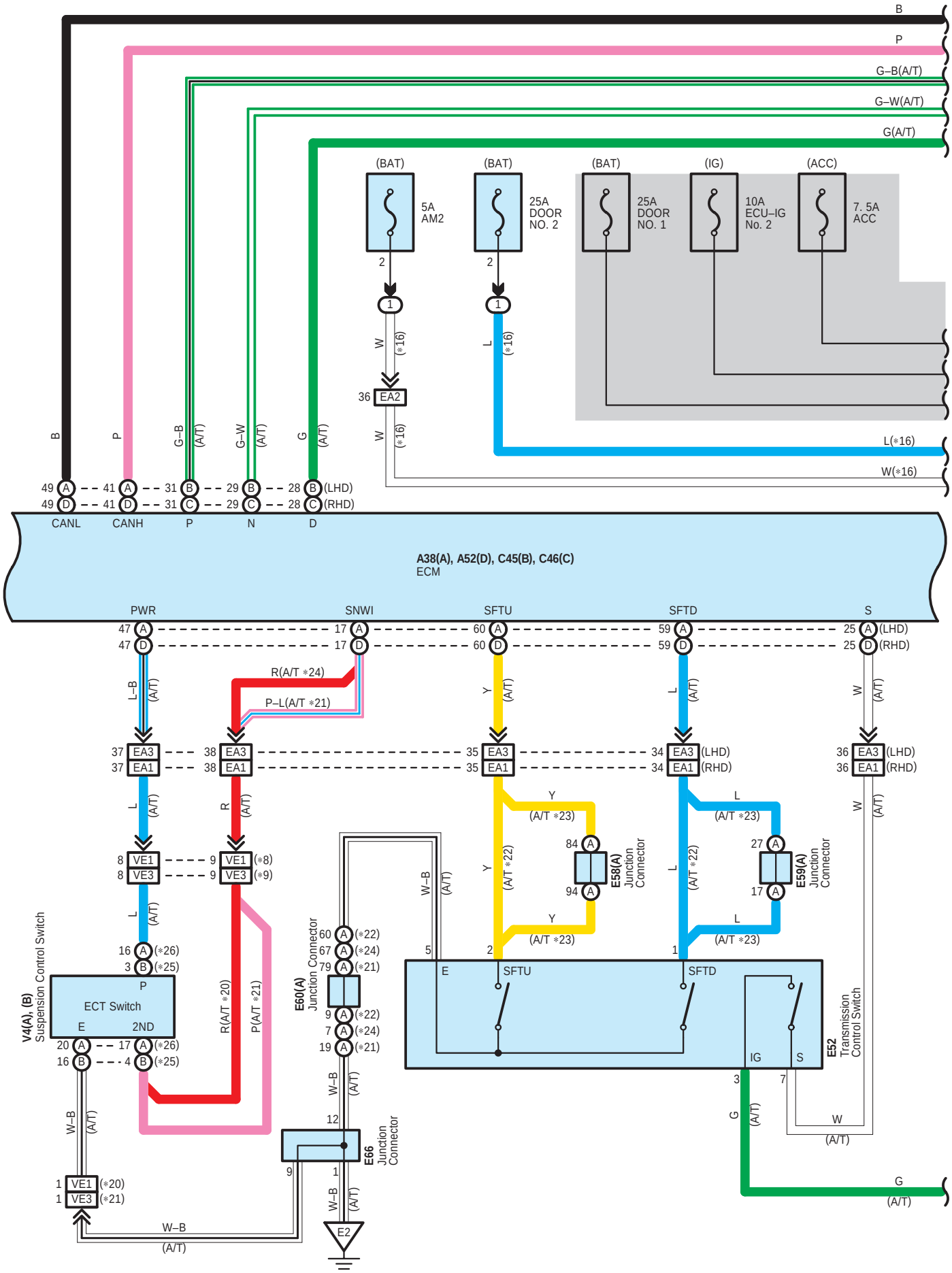

(IG)
10A
IGN
2
1
B
28 A (LHD)
28 D (RHD)
IGSW
A38(A), A52(D), C45(B), C46(C)
ECM

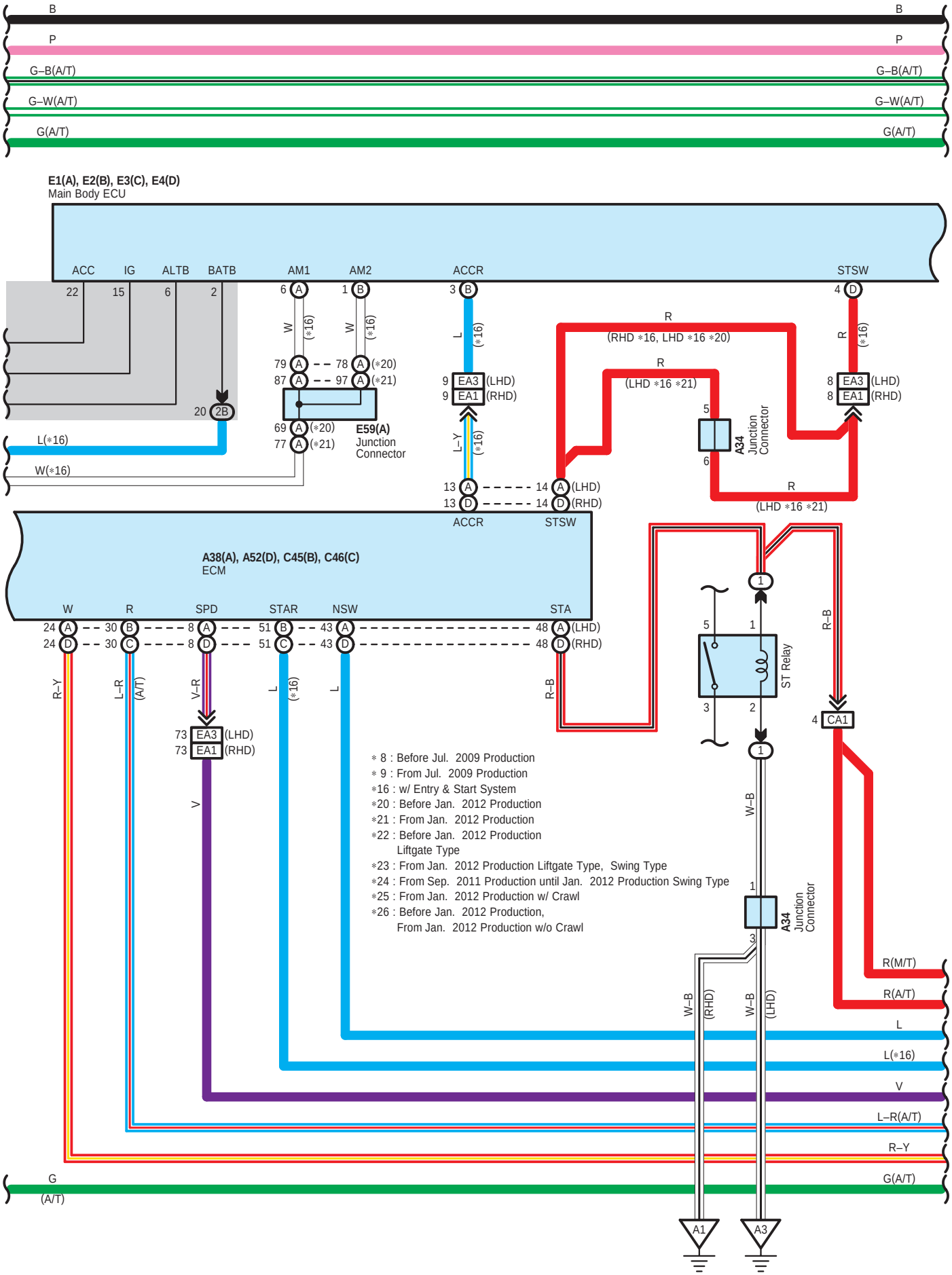

z66(A), z67(B)
DC Motor and Nozzle Vane Position Sensor LH
VCS2
E2S2
VNC2
VE2
VTI2
VTA2
M2+
M2–
6 A
5 A
3 A
2 A
1 A
4 A
2 B
1 B
B
R
G
Y
L
R
L
W
3 Cz1
2 Cz1
7 Cz1
6 Cz1
5 Cz1
1 Cz1
8 Cz1
4 Cz1
B–R
BR
R
W
G–B
B
(*3)
W
B
5 CA1
13 CA1
18 CA4
17 CA4
5 CA4
2 CA1
21 CA4
20 CA4
22 CA4
B–R
BR
R
W
G–B
B
(*3)
L
P
BR
9
15
8
14
23
24
18
19
VCS2
E2S2
VNC2
VE2
VTI2
VTA2
M2+
M2–
A48
Turbo Motor Driver

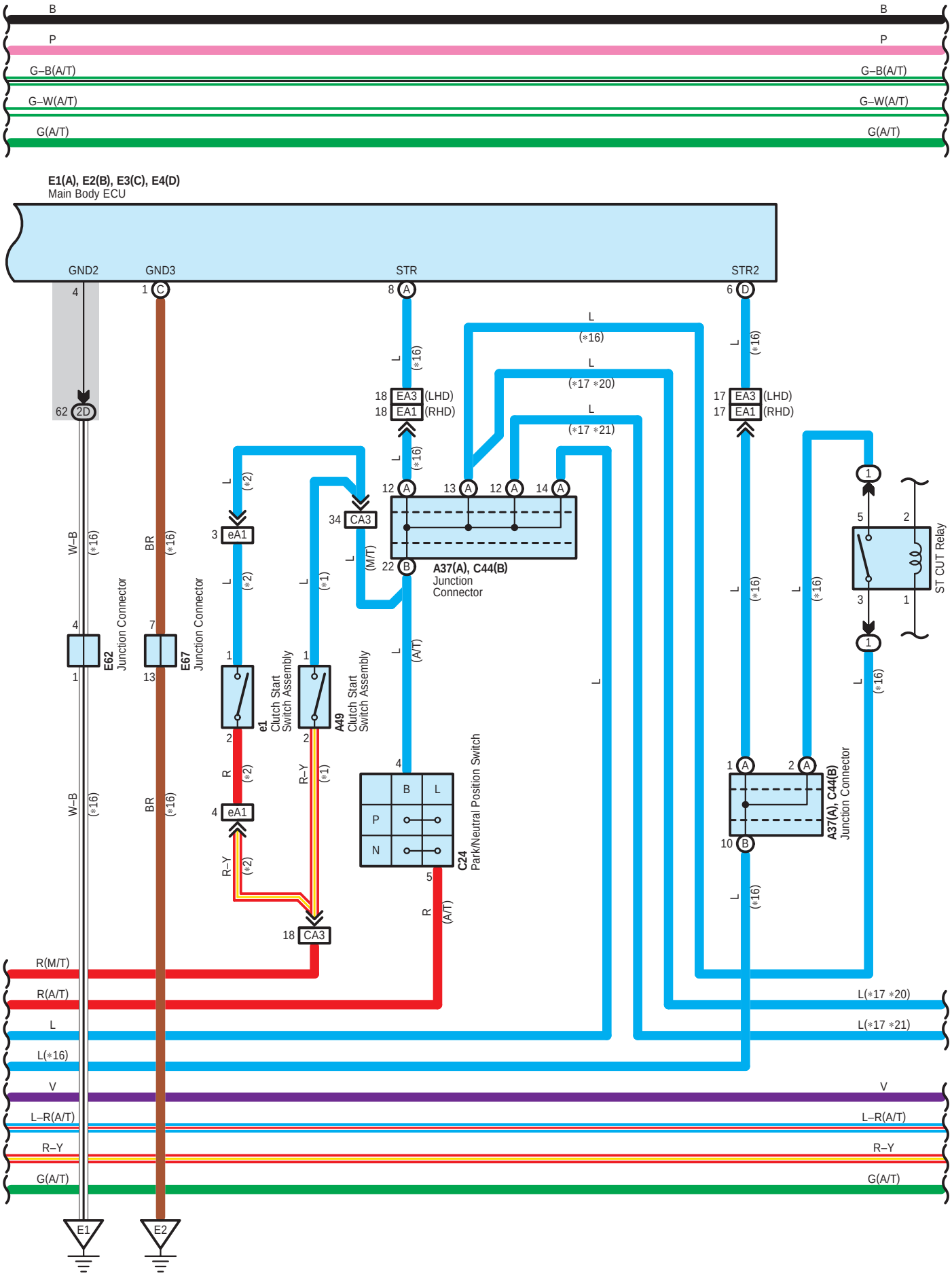

∗ 1 : LHD M/T
∗ 2 : RHD M/T
∗ 3 : Shielded
(IG)
5A
LH–IG
10 2B
G
(∗2)
2 eA1
G (∗2)
1
e2
Clutch Switch Assembly
2
B (∗2)
1 eA1
G–B
(∗2)
G (∗1)
1
A50
Clutch Switch Assembly
2
G–B (∗1)
G (M/T)
A31
Accelerator Pedal Sensor Assembly
VPA VPA2 VCPA VCP2 EPA EPA2
6 3 4 1 5 2
R GR–G L–W V W–L BR
42 A 53 A 54 A 55 A 56 A 57 A 58 A (LHD)
42 D 53 D 54 D 55 D 56 D 57 D 58 D (RHD)
CLSW VPA VPA2 VCPA VCP2 EPA EPA2
A38(A), A52(D), C45(B), C46(C)
ECM
C89(A), C90(B)
DC Motor and Nozzle Vane Position Sensor RH
M+ M– VNVC VNE2 VCS E2S VTA VTA1
2 B 1 B 3 A 2 A 6 A 5 A 4 A 1 A
BR
10 CA1
BR
11 CA4 10 CA4 9 CA4 19 CA4 8 CA4 3 CA1 12 CA1 1 CA1 1 CA4
G B (∗3)
R W R W B–Y BR
G B (∗3)
R W R–G W–G B–Y BR–W
BR BR BR BR
2 17 3 10 6 12 7 13 22 21
GND GND2 M+ M– VNVC VNE2 VCS E2S VTA VTAI
A48
Turbo Motor Driver
BR
C8

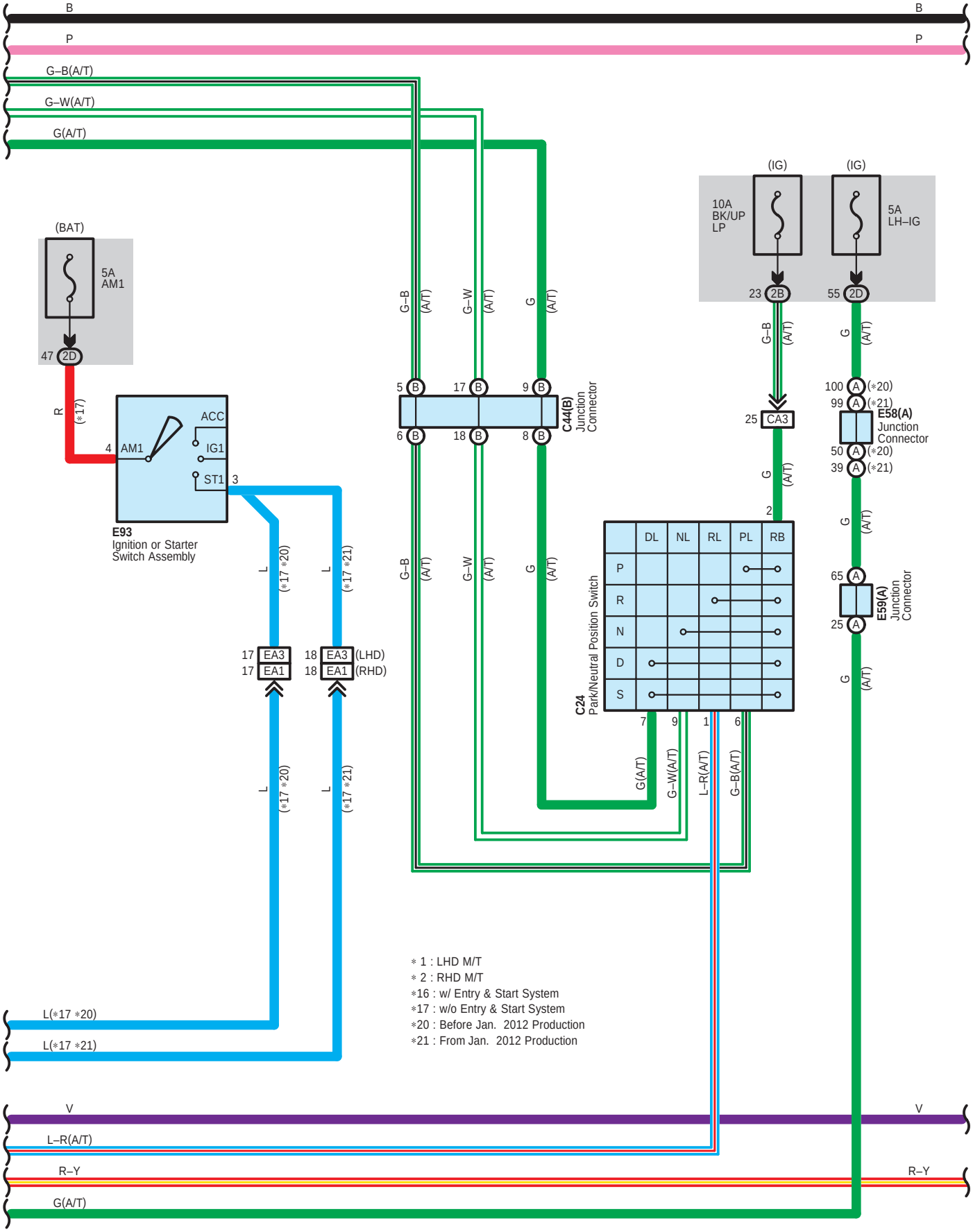

(BAT)
(IG)
15A STOP
10A IGN
E22 DLC3
E28 ID Code Box
E96 Transponder Key ECU Assembly
TC
TAC
EFIO
EFII
L–B
B
V
W
R
R–W
V–W
W–G
R–G
W–R
(*16)
(*17)
(*20)
(*21)
(*22)
(*23)
A30(A), (B) Stop Light Switch Assembly
E60(A) Junction Connector
E58(A) Junction Connector
EA3
EA1
(LHD)
(RHD)
STP
ST1–
TC
TACH
IMI
IMO
A38(A), A52(D), C45(B), C46(C) ECM
E1
E02
E01
ETHA
THO1
THO2
S1
S2
S3
S4
SR
BR
W–B
G–Y
L
B–R
G–R
G
(A/T)
OT1+
OT2+
OT1–
OT2–
O
SB
LG
C34(A), C96(B) Electronically Controlled Transmission Solenoid
B
C8
C7

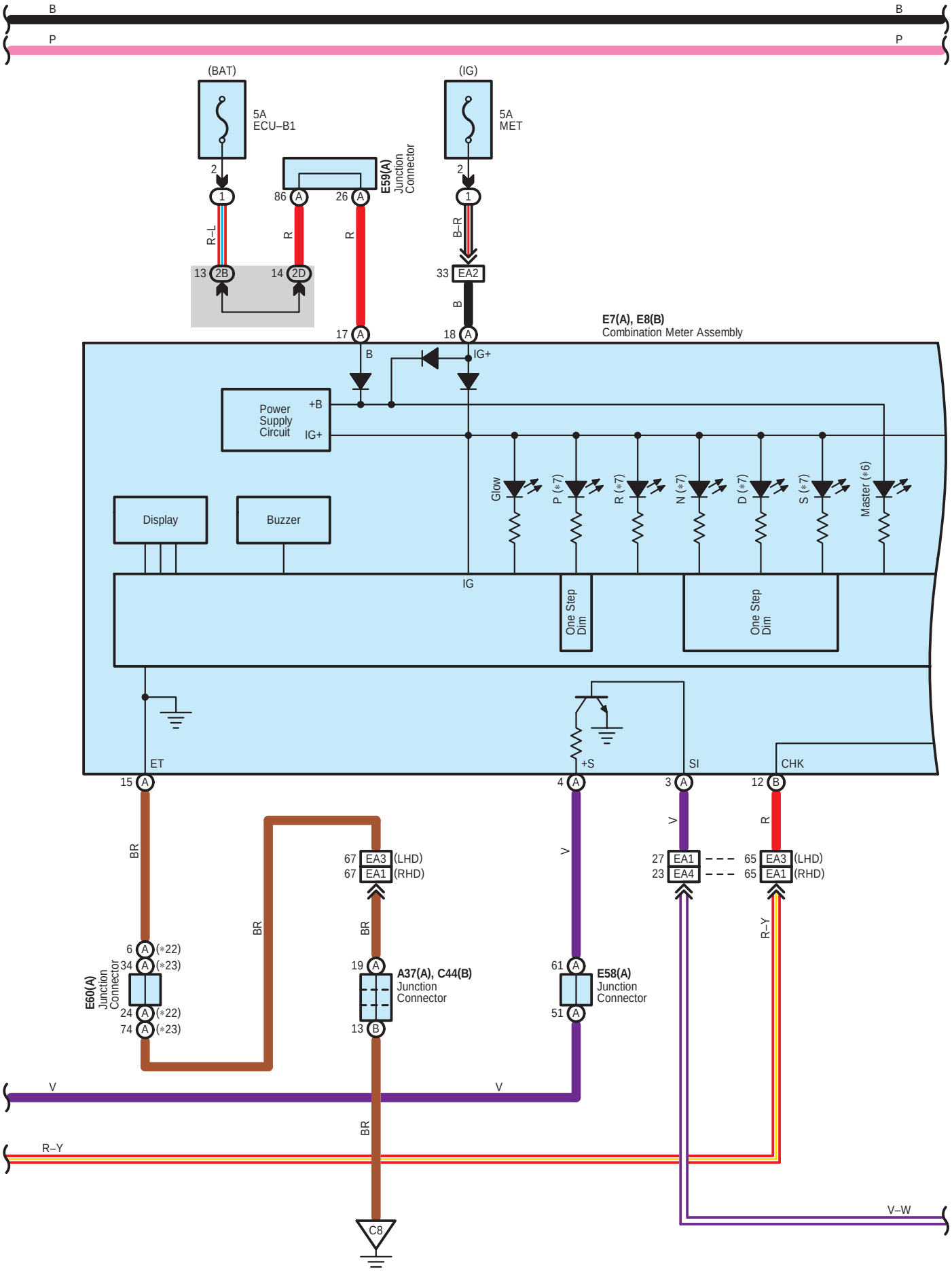

∗ 4 : w/ Rear A/C
∗ 5 : w/o Rear A/C
∗16 : w/ Entry & Start System
∗17 : w/o Entry & Start System
∗18 : w/ Steering Pad Switch
∗19 : w/o Steering Pad Switch
∗20 : Before Jan. 2012 Production
∗21 : From Jan. 2012 Production
∗22 : Before Jan. 2012 Production Liftgate Type
∗23 : From Jan. 2012 Production Liftgate Type, Swing Type
C92(C) Generator Assembly
A27(A) Four Wheel Drive Control ECU
E36(B), E81(C) A/C Amplifier Assembly
C95 Junction Connector
A37(A) Junction Connector
C36 Transmission Revolution Sensor (Counter Gear)
C35 Transmission Revolution Sensor (Turbine)
A38(A), A52(D), C45(B), C46(C) ECM
C34(A), C96(B) Electronically Controlled Transmission Solenoid
E12(A), z37(D), z61(E) Spiral Cable Sub-Assembly
z37(D), z61(E) Cruise Control Main Switch
E60(A) Junction Connector
A37(A), C44(B) Junction Connector
ALT
L4
TFN
ACT
AC1
SP2+
SP2–
NT+
NT–
SLT+
SLT–
SLU+
SLU–
SL1+
SL1–
SL2+
SL2–
CCS
ON–OFF
+ RES
– SET
CANCEL
C8

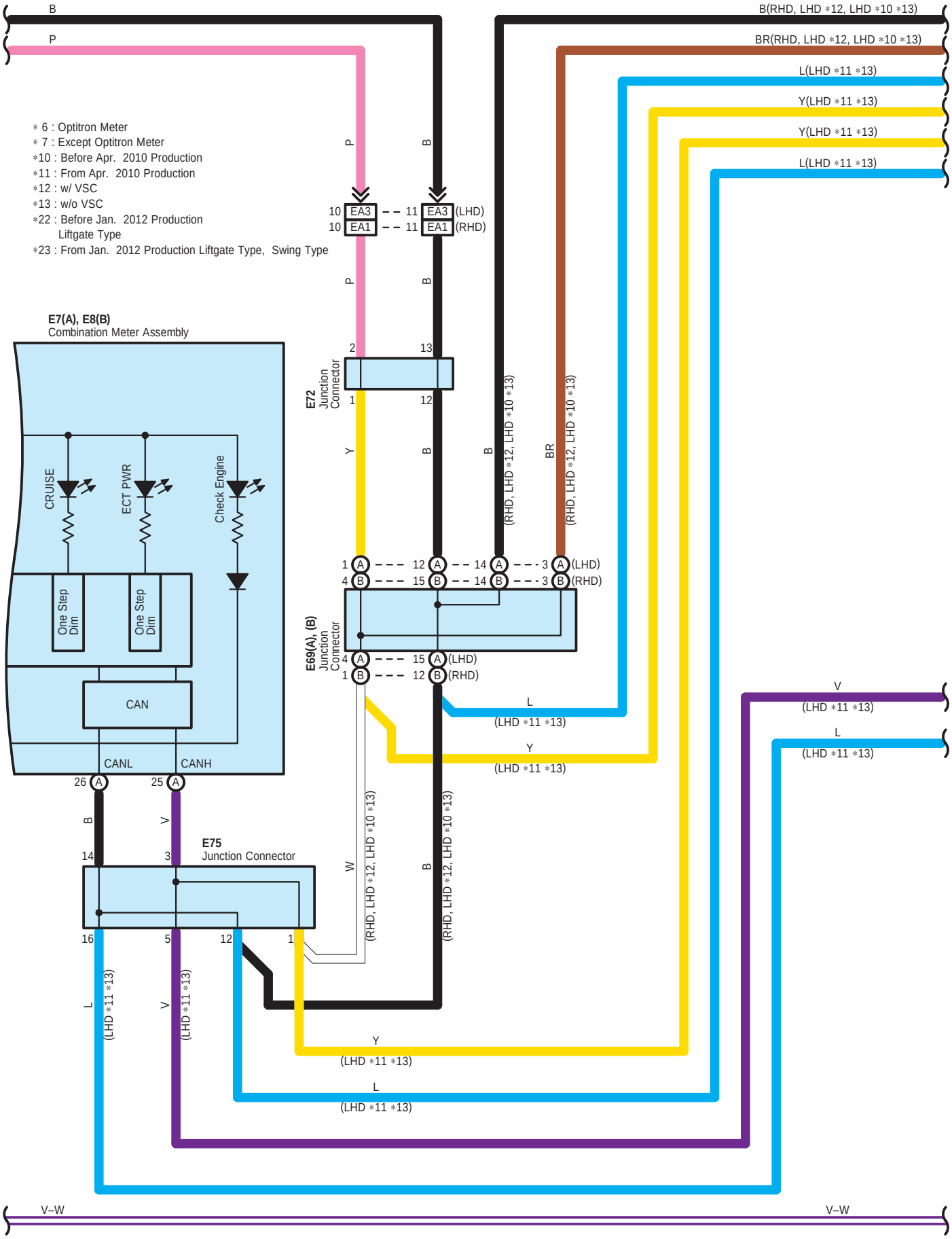

B
P
G–B(A/T)
G–W(A/T)
G(A/T)
(BAT)
5A
AM2
(BAT)
25A
DOOR
NO. 2
(BAT)
25A
DOOR
NO. 1
(IG)
10A
ECU–IG
No. 2
(ACC)
7. 5A
ACC
L(∗16)
W(∗16)
A38(A), A52(D), C45(B), C46(C)
ECM
CANL
CANH
P
N
D
PWR
SNWI
SFTU
SFTD
S
R(A/T ∗24)
P–L(A/T ∗21)
E58(A)
Junction
Connector
E59(A)
Junction
Connector
E60(A)
Junction Connector
E66
Junction
Connector
E52
Transmission
Control Switch
V4(A), (B)
Suspension Control Switch
ECT Switch
E
2ND
P
R(A/T ∗20)
P(A/T ∗21)
W–B
(A/T)
G
(A/T)
W
(A/T)
E2

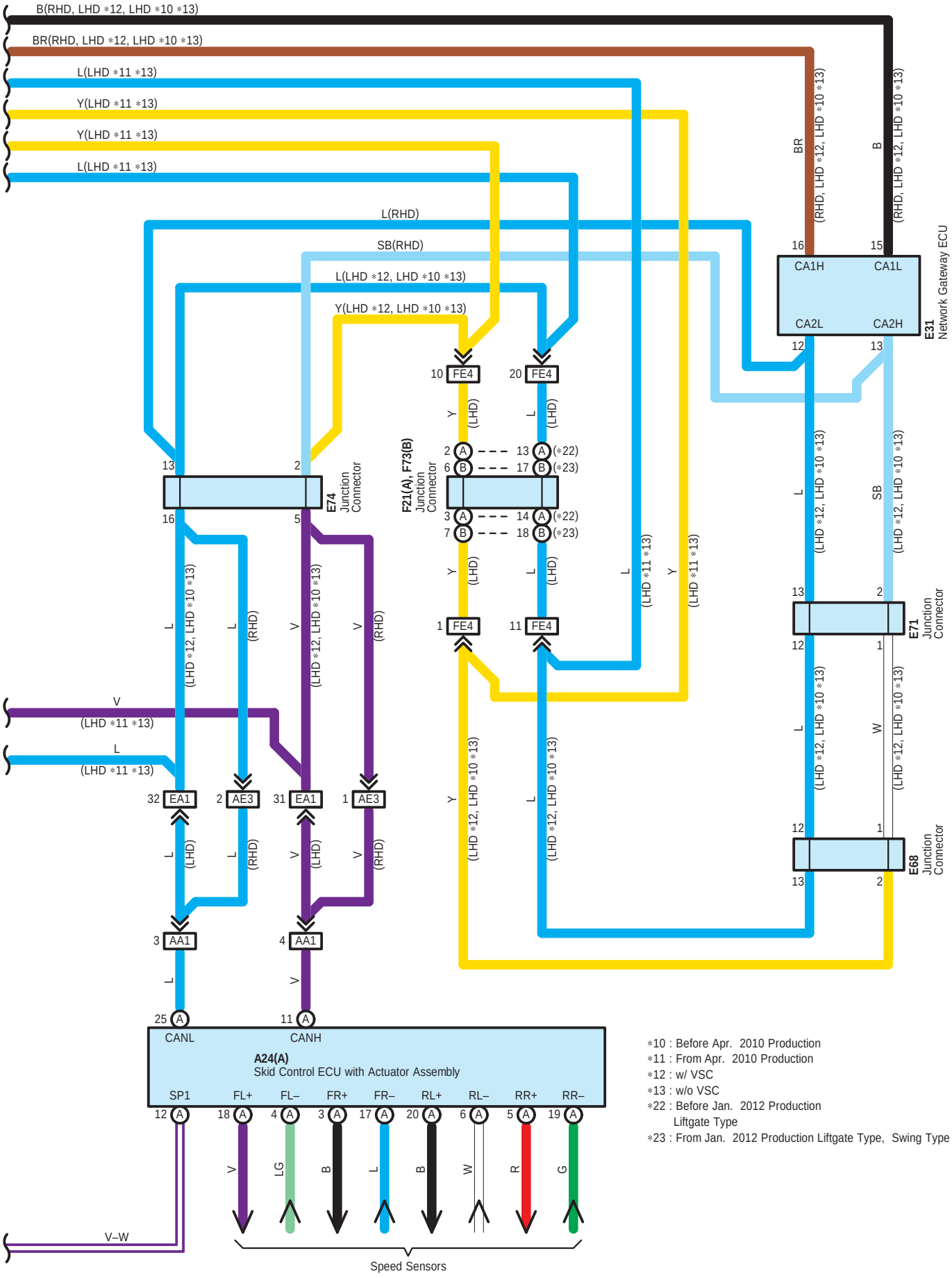

B
P
G–B(A/T)
G–W(A/T)
G(A/T)
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
ACC
IG
ALTB
BATB
AM1
AM2
ACCR
STSW
22
15
6
2
20 2B
L(∗16)
W(∗16)
6 A
1 B
79 A
78 A (∗20)
87 A
97 A (∗21)
69 A (∗20)
77 A (∗21)
E59(A)
Junction Connector
3 B
9 EA3 (LHD)
9 EA1 (RHD)
13 A
13 D
14 A (LHD)
14 D (RHD)
4 D
8 EA3 (LHD)
8 EA1 (RHD)
R
(RHD ∗16, LHD ∗16 ∗20)
R
(LHD ∗16 ∗21)
A34
Junction Connector
R
(LHD ∗16 ∗21)
A38(A), A52(D), C45(B), C46(C)
ECM
W
R
SPD
STAR
NSW
STA
24 A
24 D
30 B
30 C
8 A
8 D
51 B
51 C
43 A
43 D
48 A (LHD)
48 D (RHD)
R–Y
L–R
(A/T)
V–R
L
(∗16)
L
R–B
73 EA3 (LHD)
73 EA1 (RHD)
V
ST Relay
4 CA1
R–B
W–B
A34
Junction Connector
W–B
(RHD)
W–B
(LHD)
R(M/T)
R(A/T)
L
L(∗16)
V
L–R(A/T)
R–Y
G
(A/T)
G(A/T)
A1
A3
∗ 8 : Before Jul. 2009 Production
∗ 9 : From Jul. 2009 Production
∗16 : w/ Entry & Start System
∗20 : Before Jan. 2012 Production
∗21 : From Jan. 2012 Production
∗22 : Before Jan. 2012 Production
Liftgate Type
∗23 : From Jan. 2012 Production Liftgate Type, Swing Type
∗24 : From Sep. 2011 Production until Jan. 2012 Production Swing Type
∗25 : From Jan. 2012 Production w/ Crawl
∗26 : Before Jan. 2012 Production,
From Jan. 2012 Production w/o Crawl


B
P
G–B(A/T)
G–W(A/T)
G(A/T)
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
GND2
GND3
STR
STR2
62 2D
1 C
8 A
6 D
18 EA3 (LHD)
18 EA1 (RHD)
17 EA3 (LHD)
17 EA1 (RHD)
L (*16)
L (*17 *20)
L (*17 *21)
12 A
13 A
12 A
14 A
22 B
A37(A), C44(B) Junction Connector
34 CA3
3 eA1
4 eA1
18 CA3
W–B (*16)
BR (*16)
R (*2)
R–Y (*2)
R–Y (*1)
L (M/T)
L (A/T)
R (A/T)
E62 Junction Connector
E67 Junction Connector
e1 Clutch Start Switch Assembly
A49 Clutch Start Switch Assembly
C24 Park/Neutral Position Switch
B L
P
N
ST CUT Relay
10 B
R(M/T)
L(*16)
V
L–R(A/T)
E1
E2
L(*17 *20)
L(*17 *21)

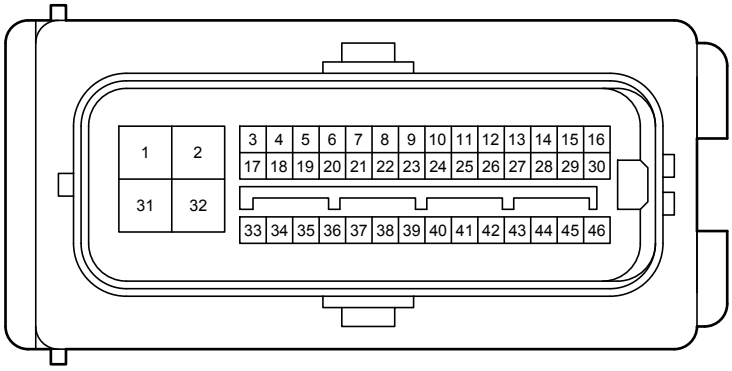

B
P
G–B(A/T)
G–W(A/T)
G(A/T)
(BAT)
5A
AM1
47 2D
R
(*17)
4 AM1
ACC
IG1
ST1 3
E93
Ignition or Starter
Switch Assembly
L
(*17 *20)
L
(*17 *21)
17 EA3
17 EA1
18 EA3 (LHD)
18 EA1 (RHD)
L(*17 *20)
L(*17 *21)
G–B (A/T)
G–W (A/T)
G (A/T)
5 B
17 B
9 B
6 B
18 B
8 B
C44(B)
Junction
Connector
(IG)
(IG)
10A
BK/UP
LP
5A
LH–IG
23 2B
55 2D
25 CA3
2
100 A (*20)
99 A (*21)
E58(A)
Junction
Connector
50 A (*20)
39 A (*21)
65 A
25 A
E59(A)
Junction
Connector
DL
NL
RL
PL
RB
P
R
N
D
S
C24
Park/Neutral Position Switch
7
9
1
6
G(A/T)
G–W(A/T)
L–R(A/T)
G–B(A/T)
V
L–R(A/T)
R–Y
G(A/T)
* 1 : LHD M/T
* 2 : RHD M/T
*16 : w/ Entry & Start System
*17 : w/o Entry & Start System
*20 : Before Jan. 2012 Production
*21 : From Jan. 2012 Production


B
P
(BAT)
5A
ECU–B1
(IG)
5A
MET
E59(A)
Junction
Connector
R–L
R
B–R
B
E7(A), E8(B)
Combination Meter Assembly
Power
Supply
Circuit
+B
IG+
Display
Buzzer
Glow
P (*7)
R (*7)
N (*7)
D (*7)
S (*7)
Master (*6)
IG
One Step
Dim
ET
+S
SI
CHK
BR
V
E60(A)
Junction
Connector
A37(A), C44(B)
Junction
Connector
E58(A)
Junction
Connector
(LHD)
(RHD)
R–Y
V–W
C8

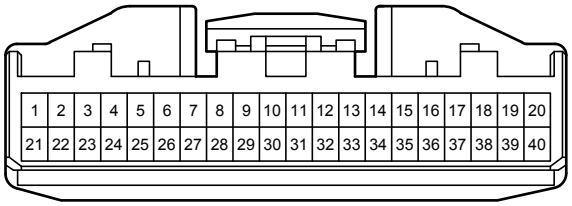

∗ 6 : Optitron Meter
∗ 7 : Except Optitron Meter
∗10 : Before Apr. 2010 Production
∗11 : From Apr. 2010 Production
∗12 : w/ VSC
∗13 : w/o VSC
∗22 : Before Jan. 2012 Production Liftgate Type
∗23 : From Jan. 2012 Production Liftgate Type, Swing Type
B
P
B(RHD, LHD ∗12, LHD ∗10 ∗13)
BR(RHD, LHD ∗12, LHD ∗10 ∗13)
L(LHD ∗11 ∗13)
Y(LHD ∗11 ∗13)
Y(LHD ∗11 ∗13)
L(LHD ∗11 ∗13)
10 EA3 11 EA3 (LHD)
10 EA1 11 EA1 (RHD)
E7(A), E8(B)
Combination Meter Assembly
CRUISE
ECT PWR
Check Engine
One Step Dim
One Step Dim
CAN
CANL
CANH
26 A
25 A
E72
Junction Connector
2
13
1
12
E69(A), (B)
Junction Connector
1 A 12 A 14 A 3 A (LHD)
4 B 15 B 14 B 3 B (RHD)
4 A 15 A (LHD)
1 B 12 B (RHD)
(RHD, LHD ∗12, LHD ∗10 ∗13)
E75
Junction Connector
14
3
16
5
12
1
V
(LHD ∗11 ∗13)
L
(LHD ∗11 ∗13)
Y
(LHD ∗11 ∗13)
L
(LHD ∗11 ∗13)
V–W
V–W


B(RHD, LHD *12, LHD *10 *13)
BR(RHD, LHD *12, LHD *10 *13)
L(LHD *11 *13)
Y(LHD *11 *13)
Y(LHD *11 *13)
L(LHD *11 *13)
L(RHD)
SB(RHD)
L(LHD *12, LHD *10 *13)
Y(LHD *12, LHD *10 *13)
BR
B
(RHD, LHD *12, LHD *10 *13)
16
15
CA1H
CA1L
CA2L
CA2H
12
13
E31
Network Gateway ECU
10 FE4
20 FE4
Y
L
(LHD)
2 A
6 B
13 A (*22)
17 B (*23)
F21(A), F73(B)
Junction Connector
3 A
7 B
14 A (*22)
18 B (*23)
1 FE4
11 FE4
13
2
16
5
E74
Junction Connector
L
(LHD *12, LHD *10 *13)
(RHD)
V
(LHD *11 *13)
L
(LHD *11 *13)
32 EA1
2 AE3
31 EA1
1 AE3
(LHD)
(RHD)
3 AA1
4 AA1
25 A
11 A
CANL
CANH
A24(A)
Skid Control ECU with Actuator Assembly
SP1
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
12 A
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
V
LG
B
L
B
W
R
G
V–W
Speed Sensors
SB
W
E71
Junction Connector
E68
Junction Connector
*10 : Before Apr. 2010 Production
*11 : From Apr. 2010 Production
*12 : w/ VSC
*13 : w/o VSC
*22 : Before Jan. 2012 Production Liftgate Type
*23 : From Jan. 2012 Production Liftgate Type, Swing Type

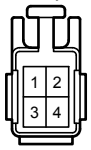
A 24
Black



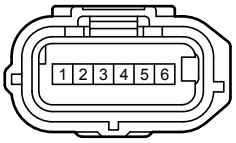
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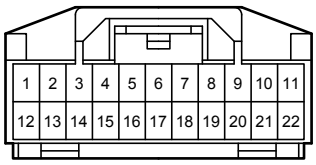
A 30
Gray



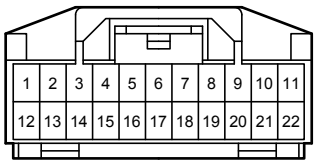
A 31
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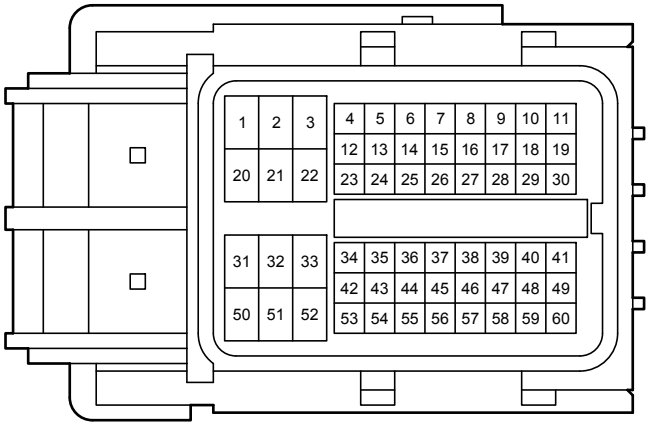
A 34
White



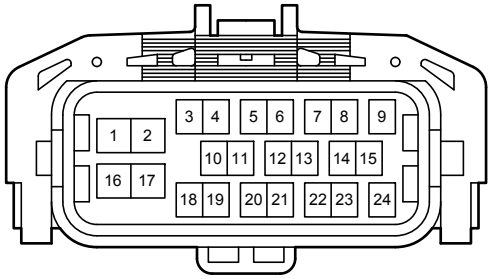
A 37
Blue



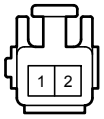
A 38
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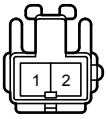
A 48
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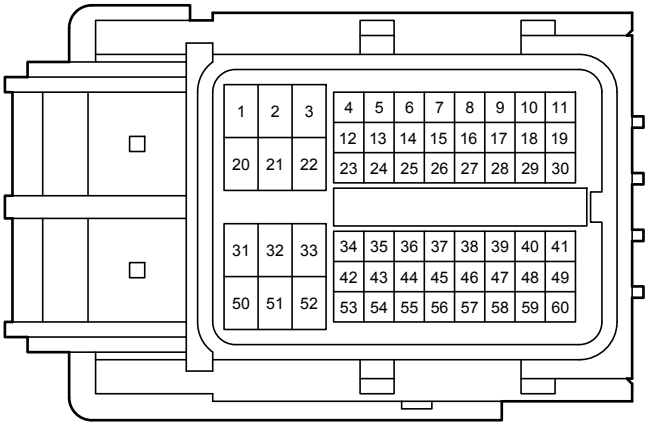
A 49
Black



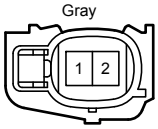
A 50
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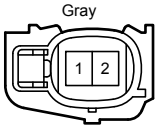
A 52
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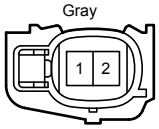
C 5
Gray



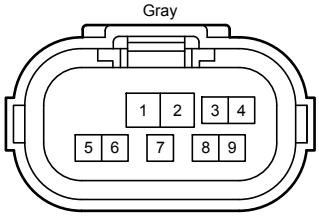
C 9
Gray



C 14
Gray



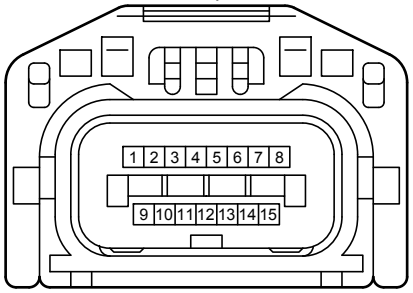
C 24
Gray



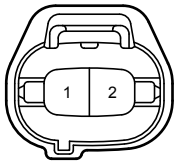
C 29
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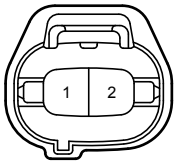
C 34
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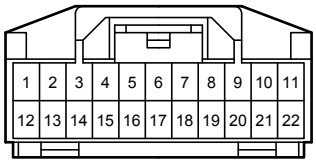
C 35
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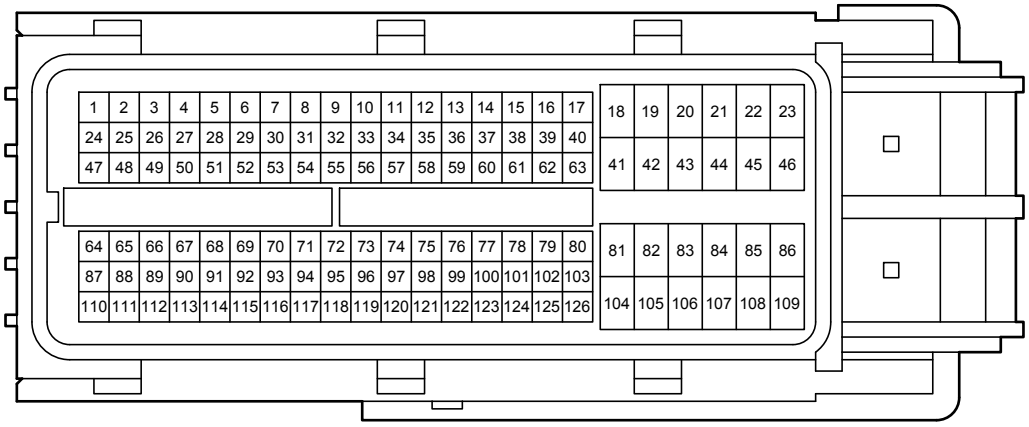
C 36
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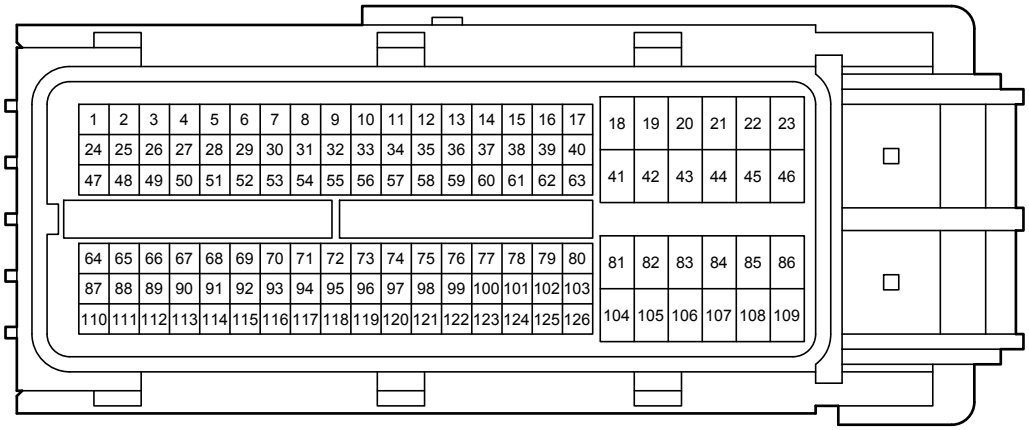
C 44
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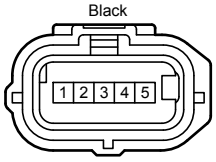
C 45
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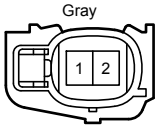
C 46
Black



C 50
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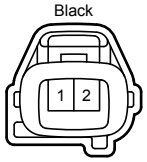
C 54
Gray



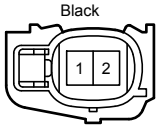
C 65
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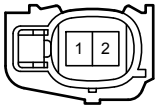
C 66
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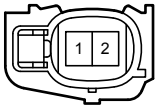
C 67
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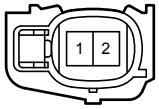
C 68
Black



C 69
Black



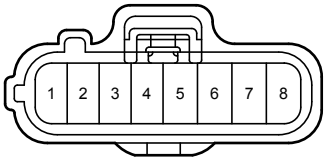
C 70
Black



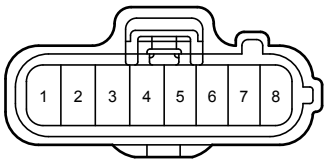
C 71
Gray



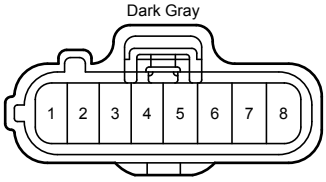
C 73
Dark Gray



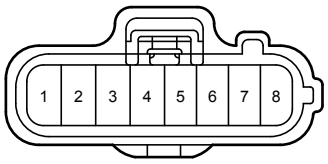
C 74
Black



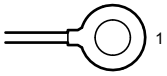
C 75
Dark Gray



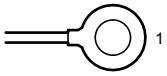
C 76
Black



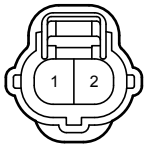
C 77



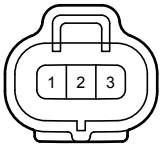
C 78



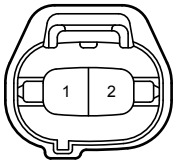
C 79
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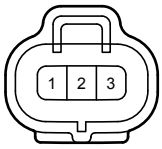
C 80
Black



C 81
Black



C 82
Black



C 83
Black



C 84
Black



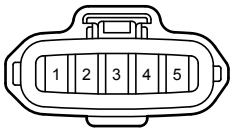
C 85
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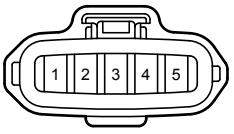
C 86
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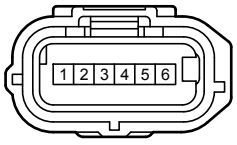
C 87
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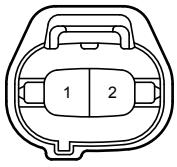
C 88
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C 89
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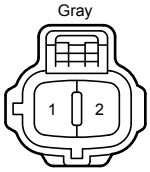
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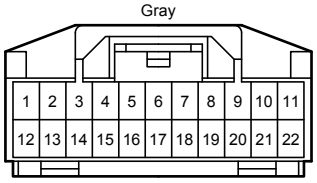
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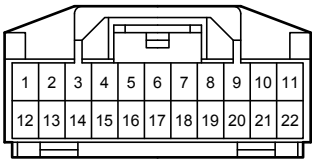
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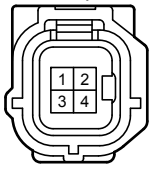
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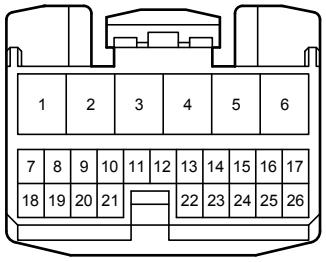
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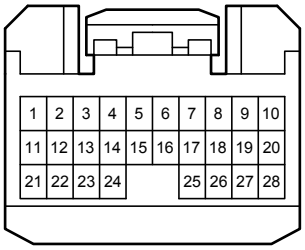
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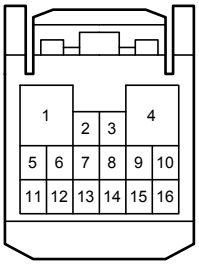
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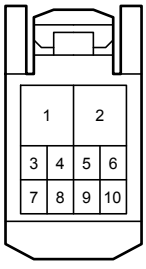
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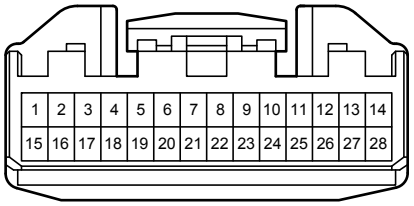
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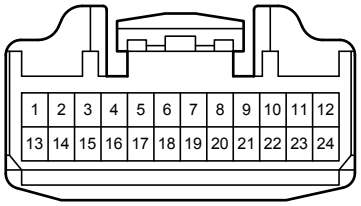
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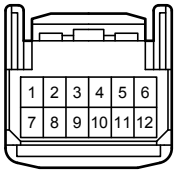
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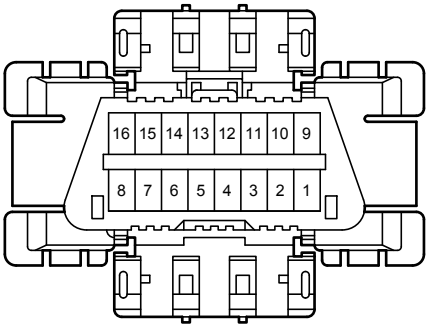
E 8
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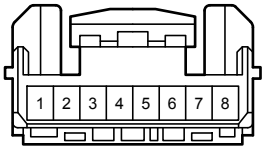
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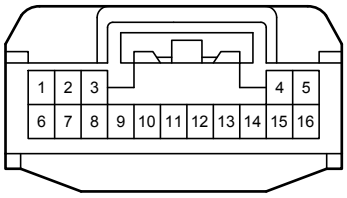
E 22
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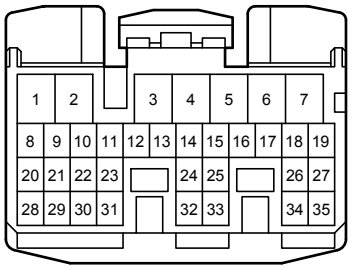
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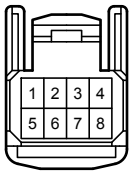
E 31
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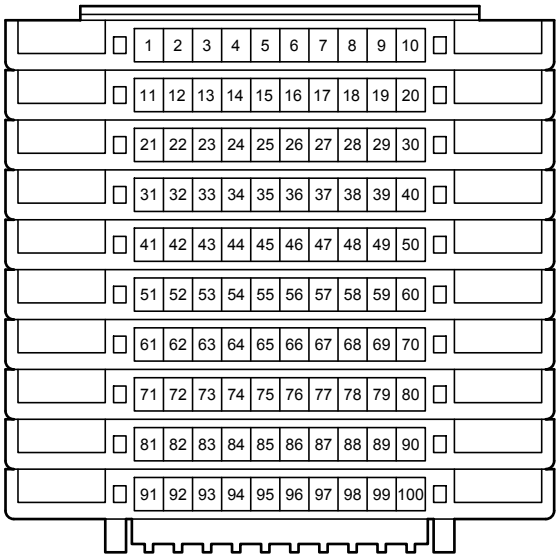
E 36
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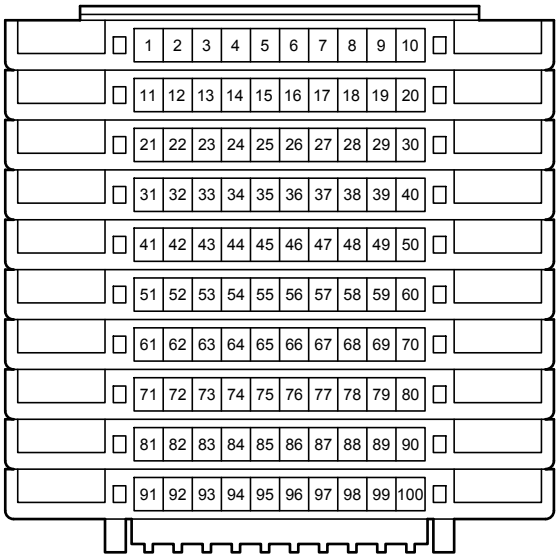
E 52
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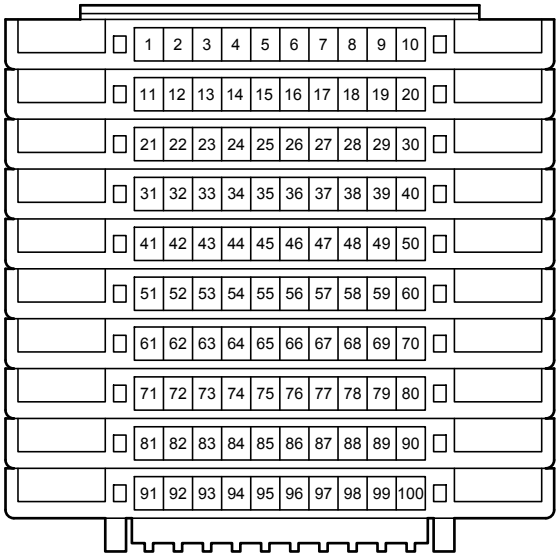
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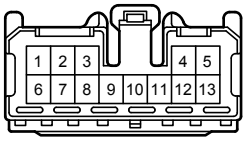
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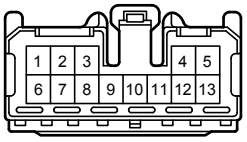
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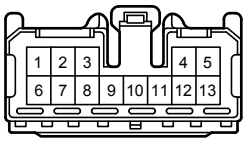
E 62
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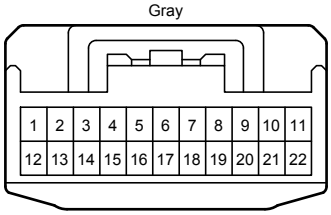
E 66
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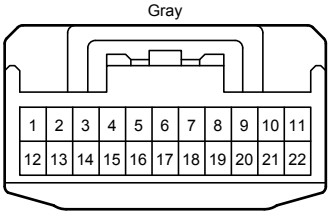
E 67
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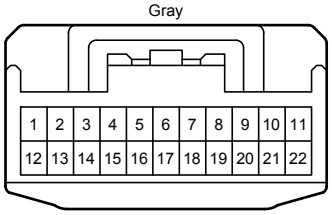
E 68
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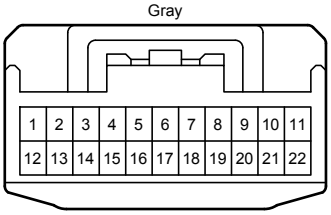
E 69
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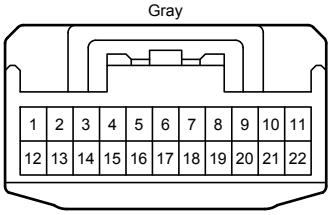
E 71
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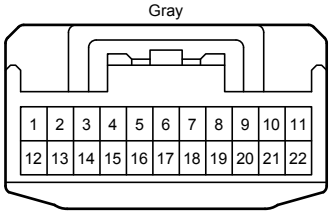
E 72
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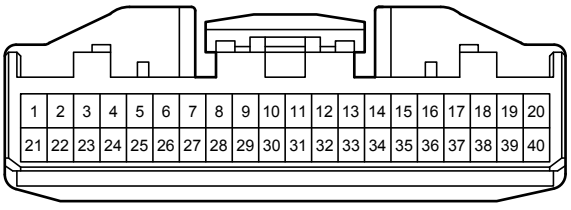
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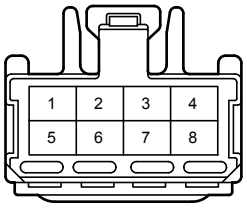
E 75
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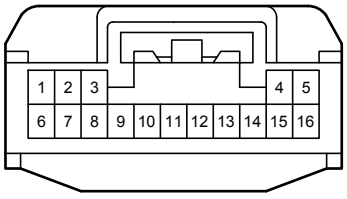
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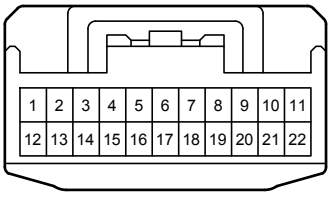
E 93
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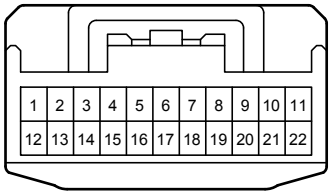
E 96
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F 21
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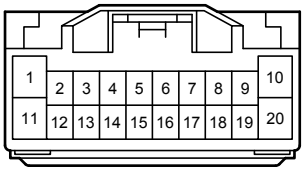
F 73
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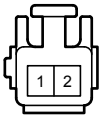
N 1
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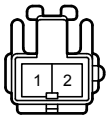
V 4
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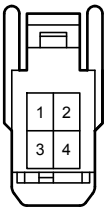
e 1
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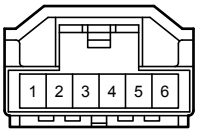
e 2
White



z 37
White



z 61
White



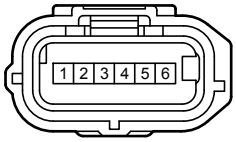
z 64
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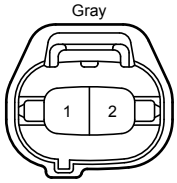
z 65
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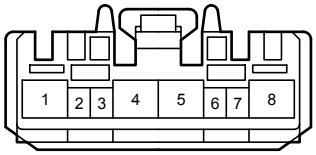
z 66
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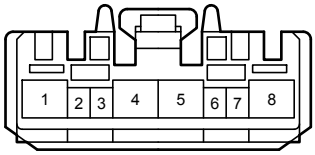
z 67
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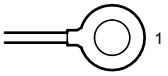
1A
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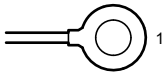
1B
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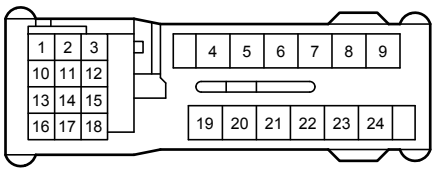
1M



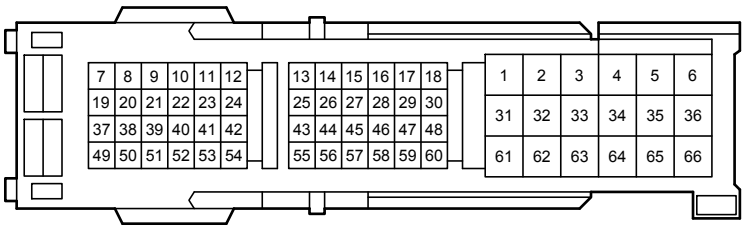
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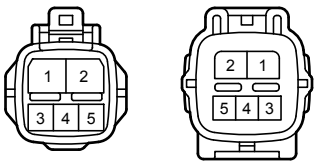
2B
White



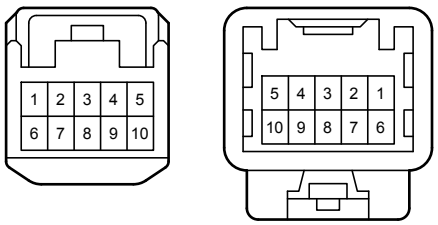
2D
White



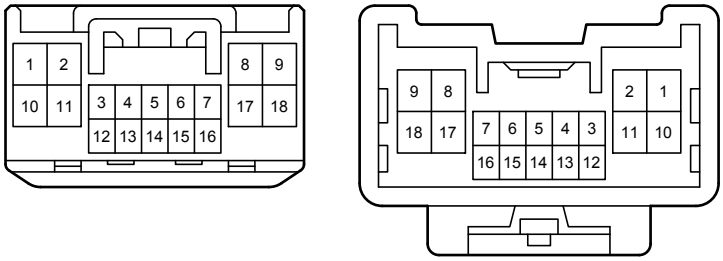
AA1
Gray



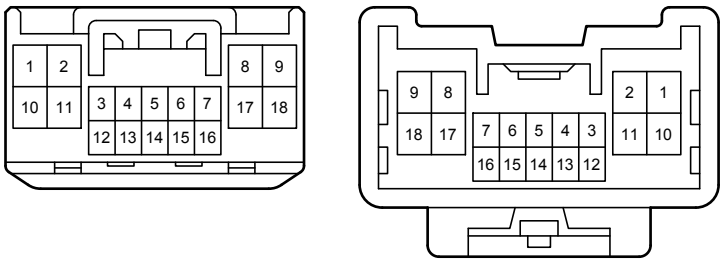
AE3
Gray



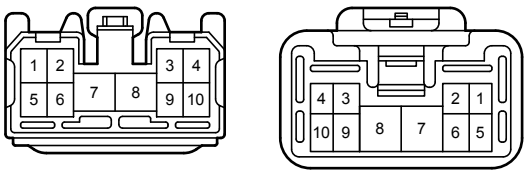
AK2
Gray



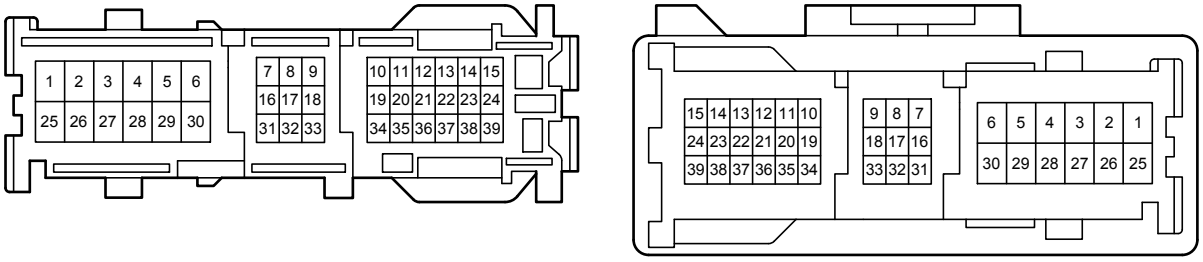
CA1
White



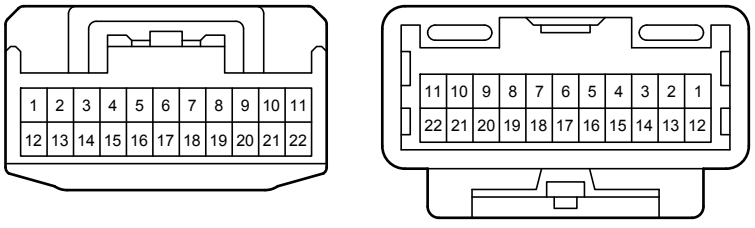
CA2
White



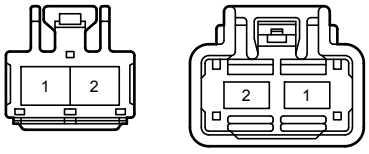
CA3
White



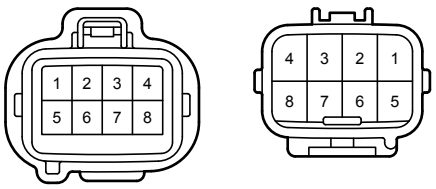
CA4
White



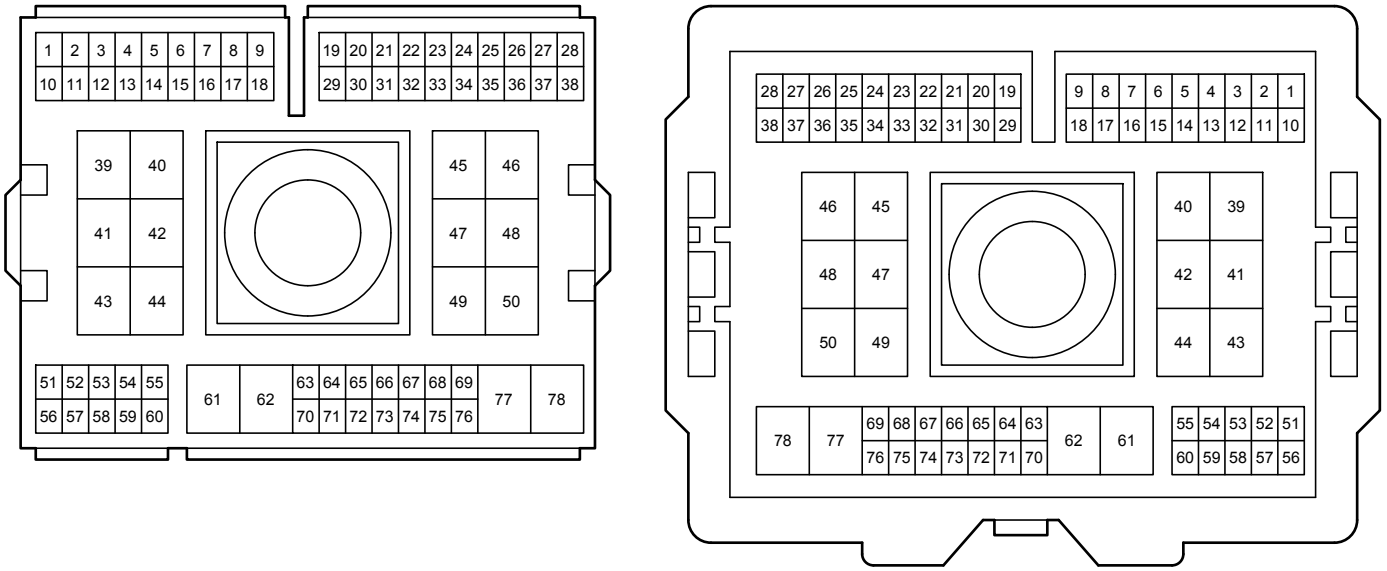
CA5
White



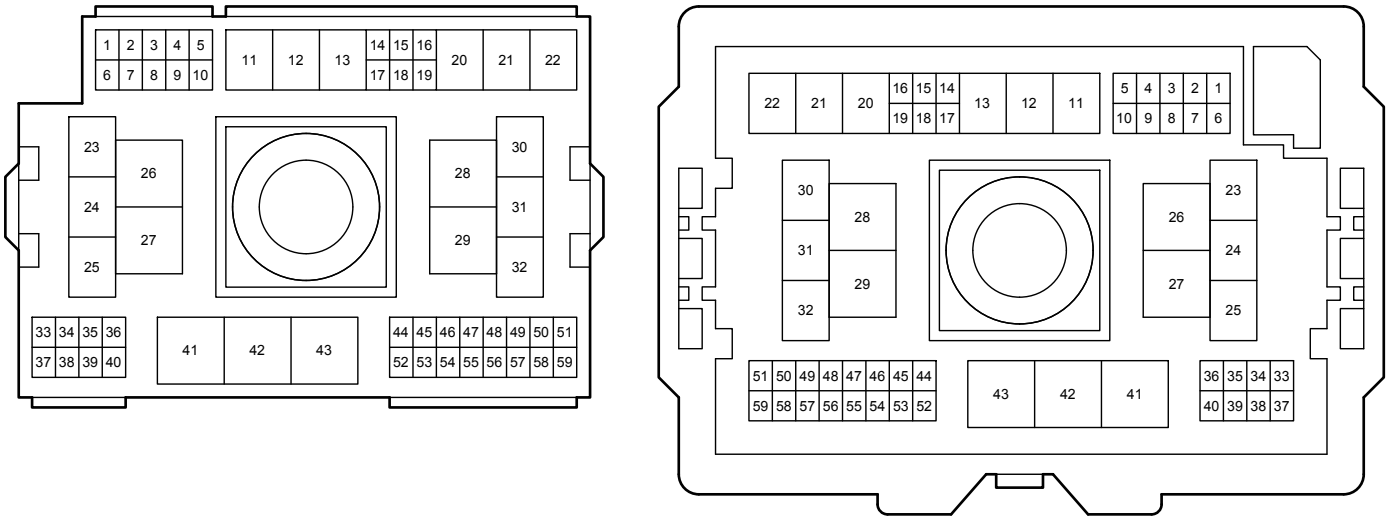
Cz1
Gray



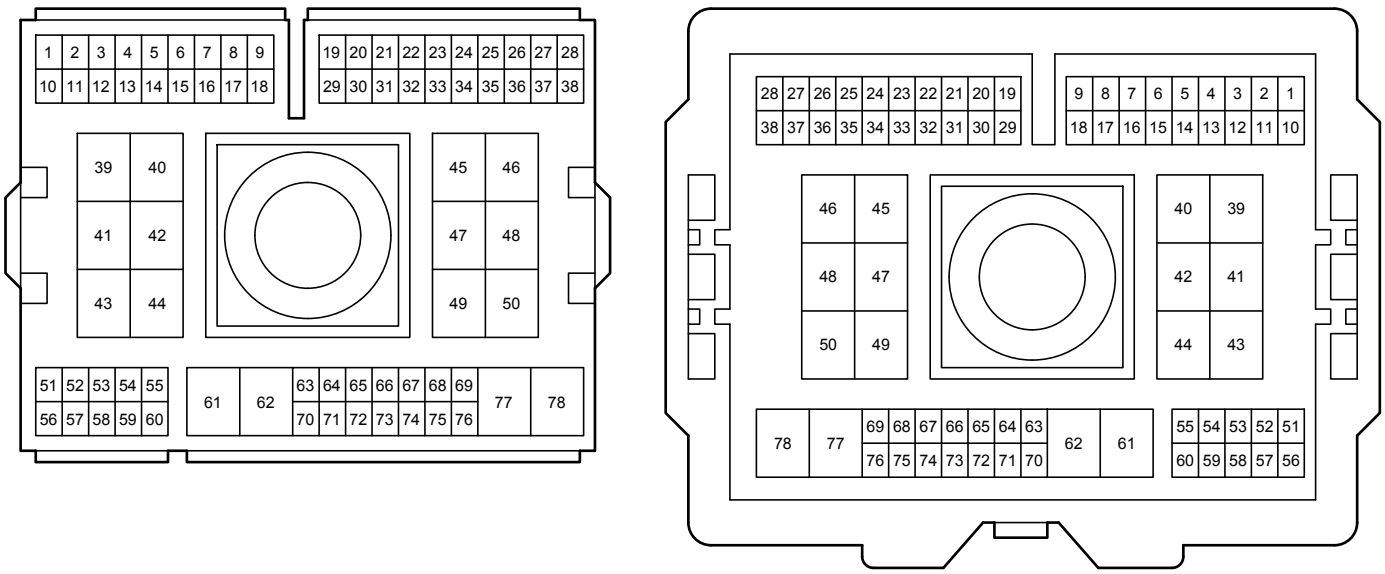
EA1
White



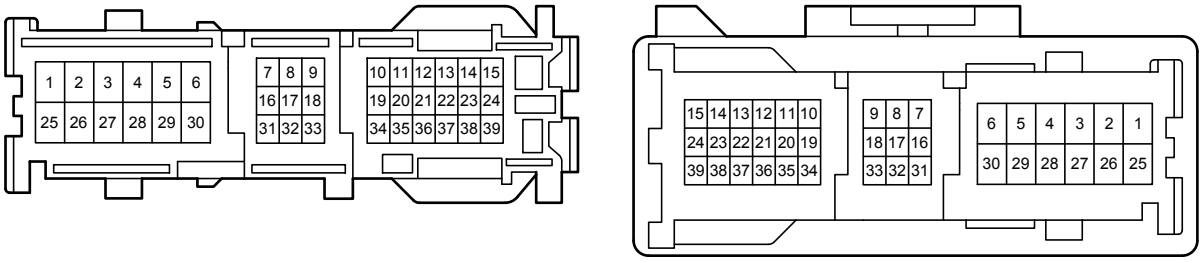
EA2
White
Gray



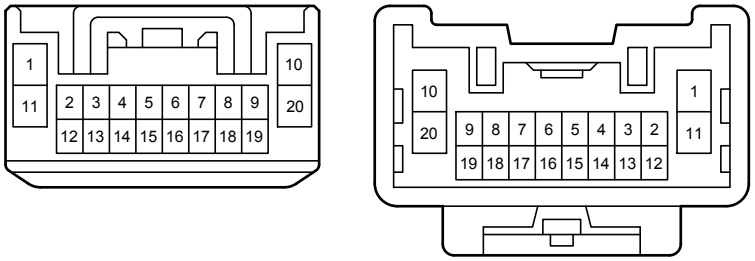
EA3
White



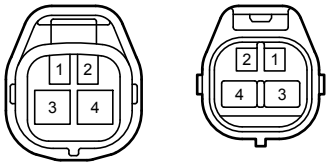
EA4
White



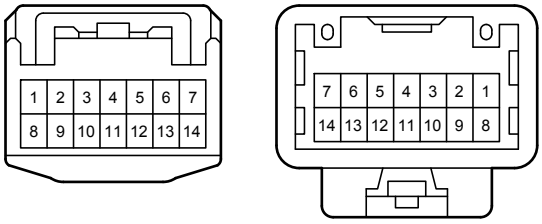
FE4
White



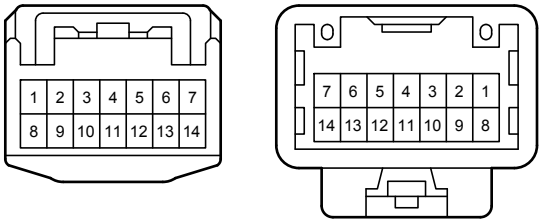
KN1
White

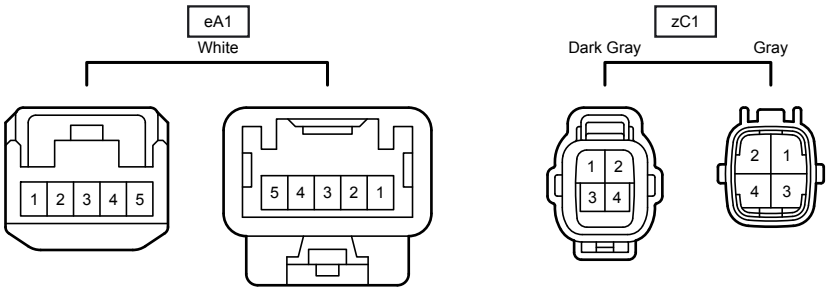


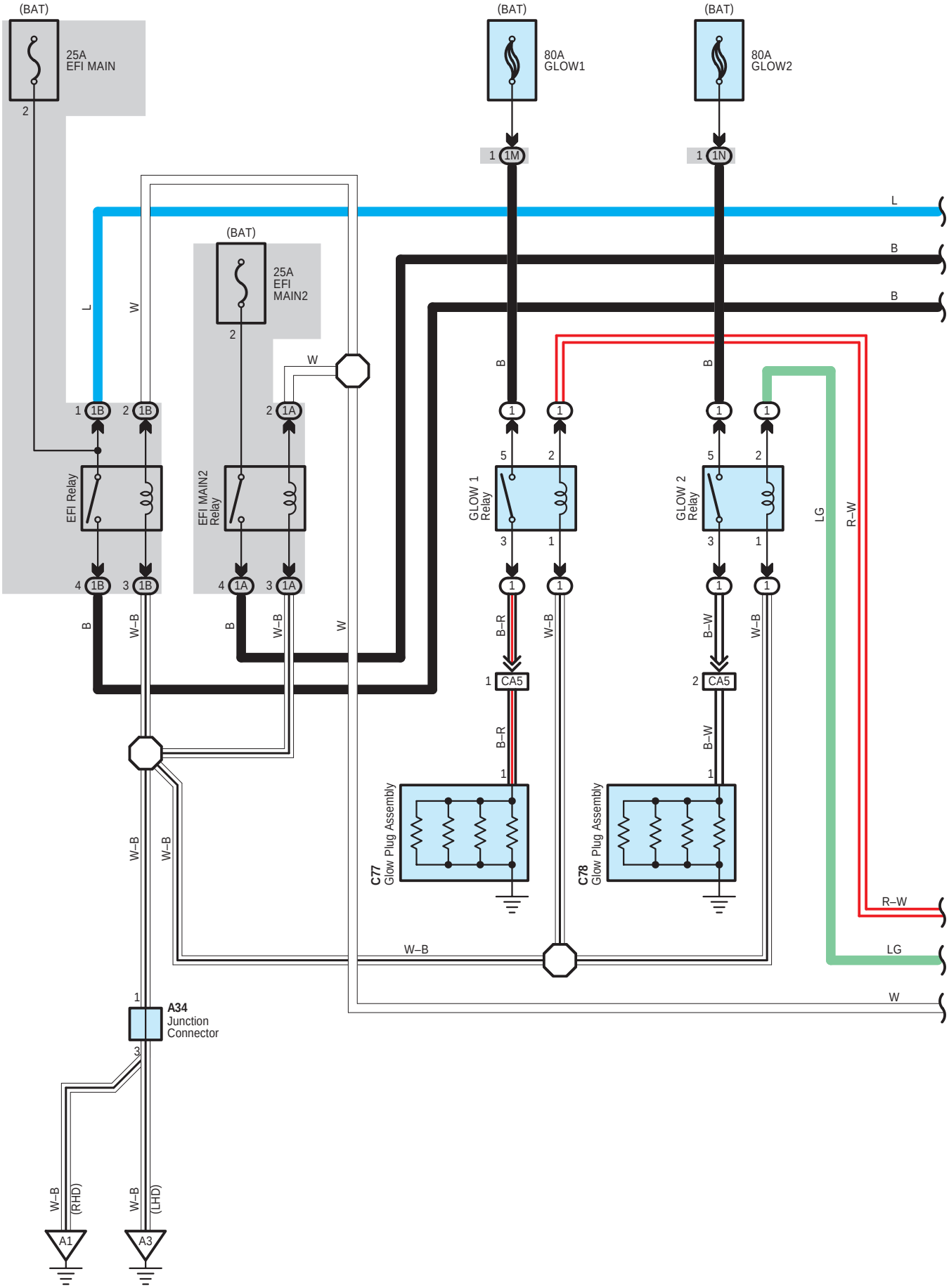
VE1
White

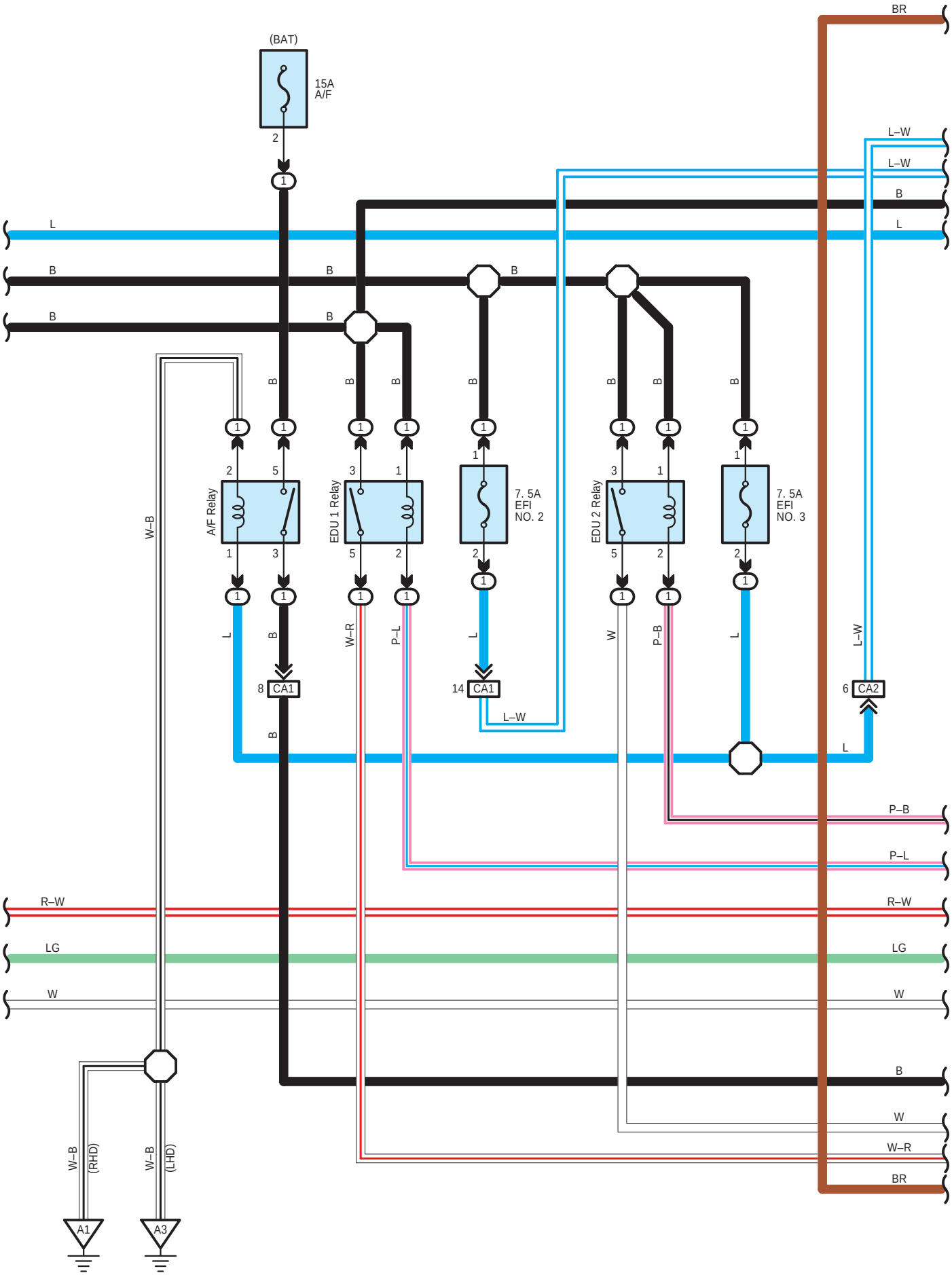


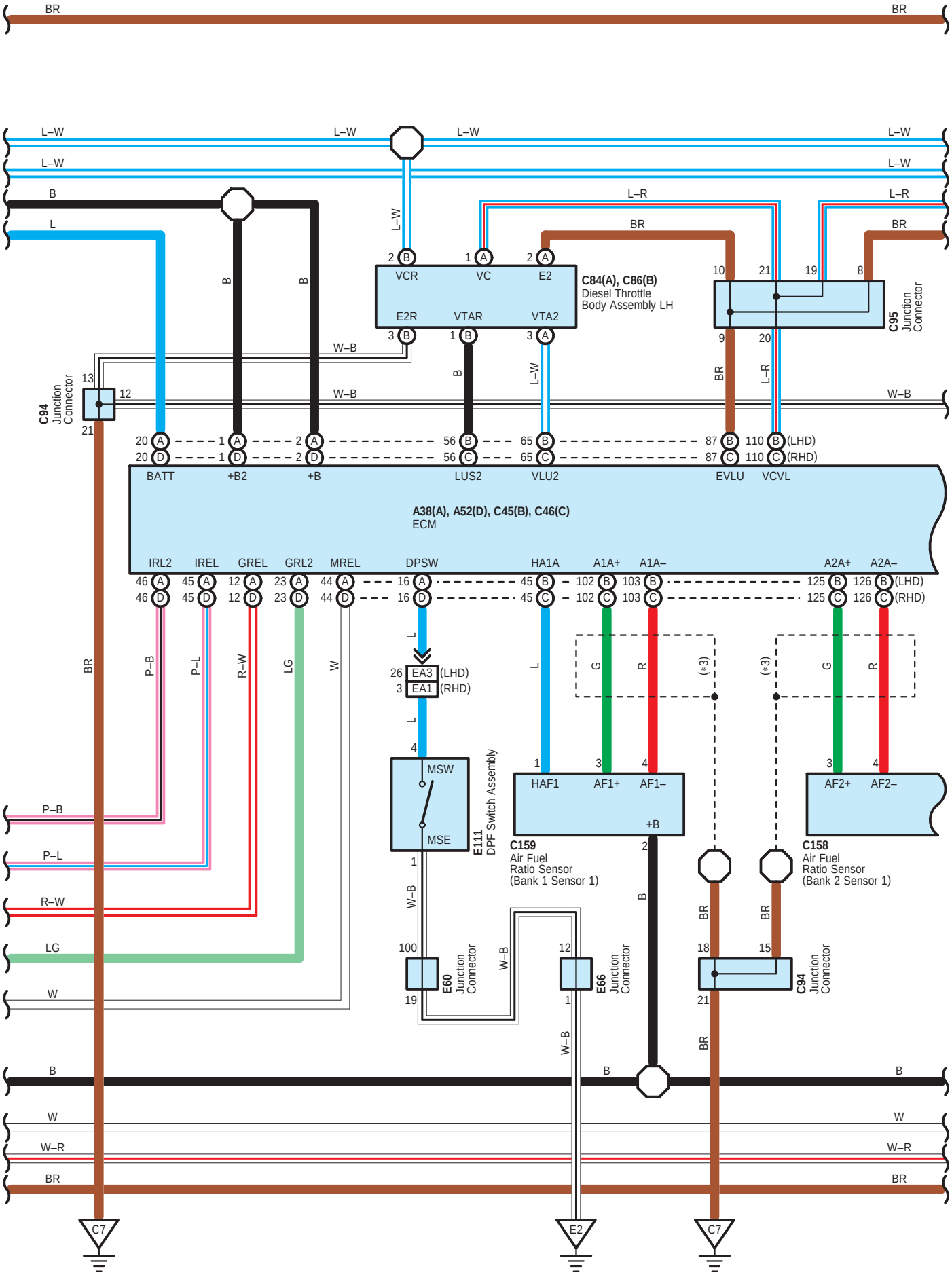
VE3
Gray

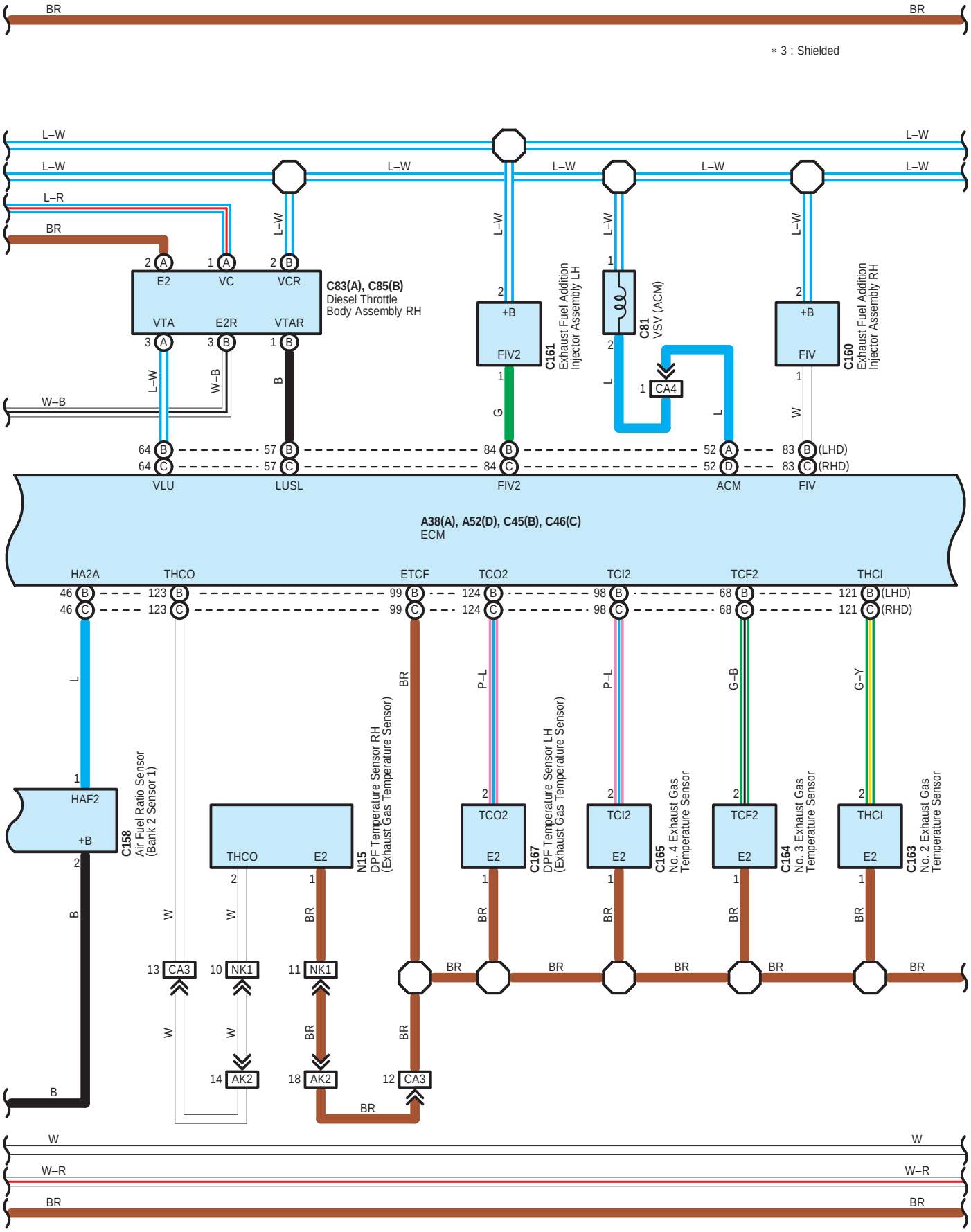


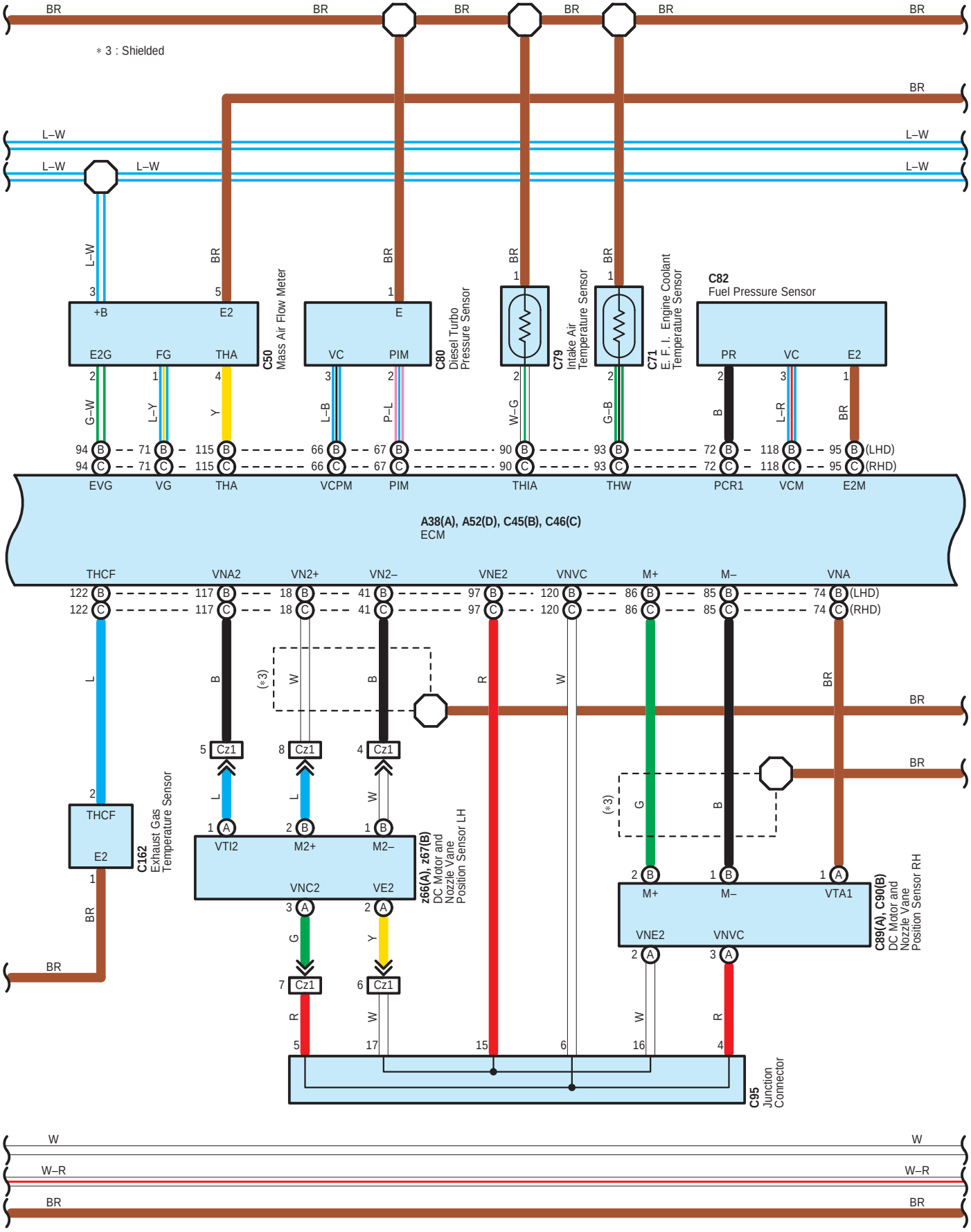

eA1
White
1 2 3 4 5
5 4 3 2 1
zC1
Dark Gray
Gray
1 2
3 4
2 1
4 3

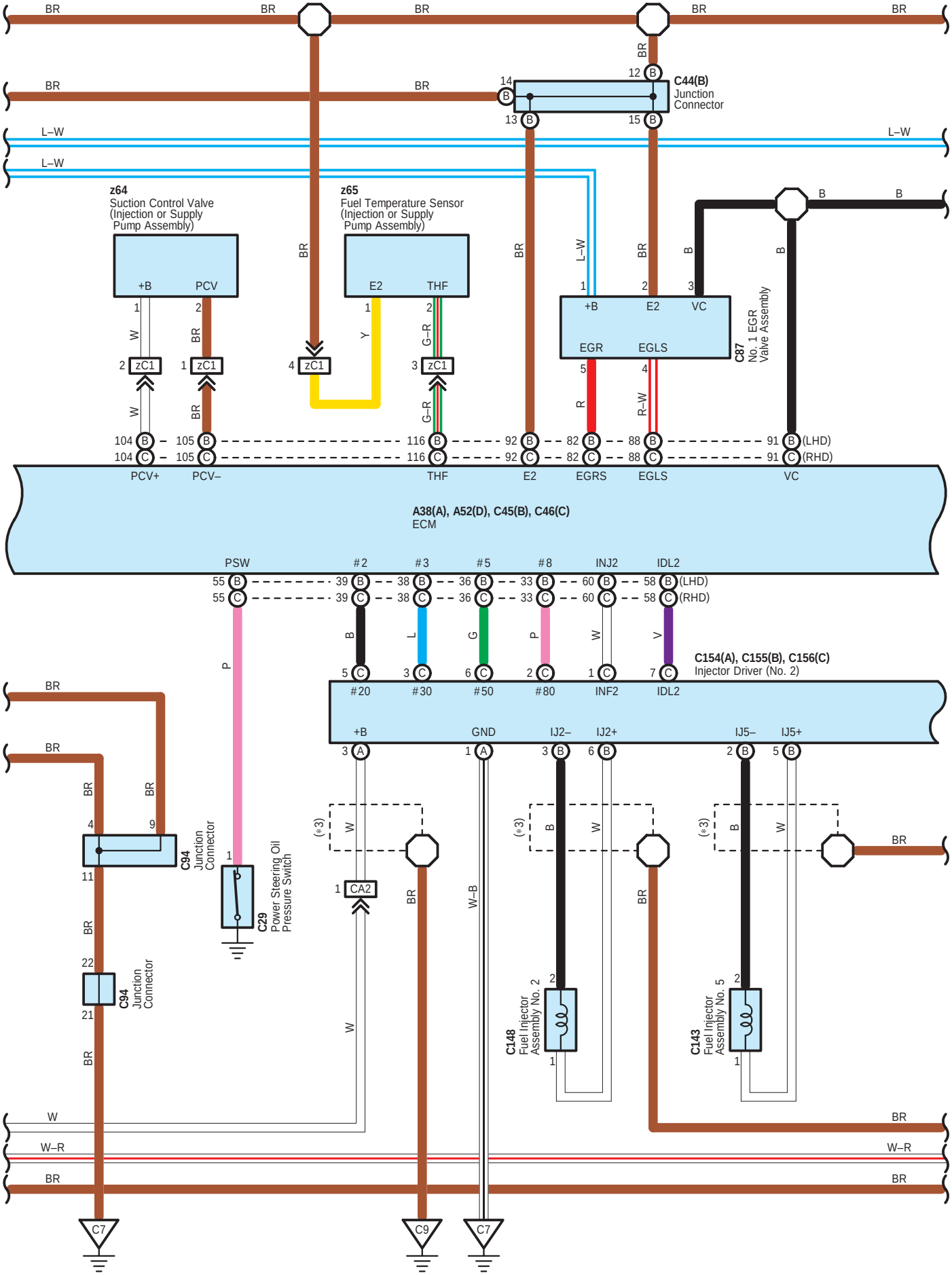

(BAT)
25A
EFI MAIN
2
(BAT)
80A
GLOW1
(BAT)
80A
GLOW2
1 1M
1 1N
L
B
B
(BAT)
25A
EFI
MAIN2
2
L
W
W
1 1B
2 1B
2 1A
EFI Relay
EFI MAIN2
Relay
4 1B
3 1B
4 1A
3 1A
B
W–B
B
W–B
W
B
B
1
1
5
2
GLOW 1
Relay
3
1
GLOW 2
Relay
B–R
W–B
B–W
W–B
1 CA5
2 CA5
B–R
B–W
1
1
C77
Glow Plug Assembly
C78
Glow Plug Assembly
LG
R–W
R–W
W–B
LG
W
W–B
W–B
1
A34
Junction
Connector
3
W–B
(RHD)
W–B
(LHD)
A1
A3

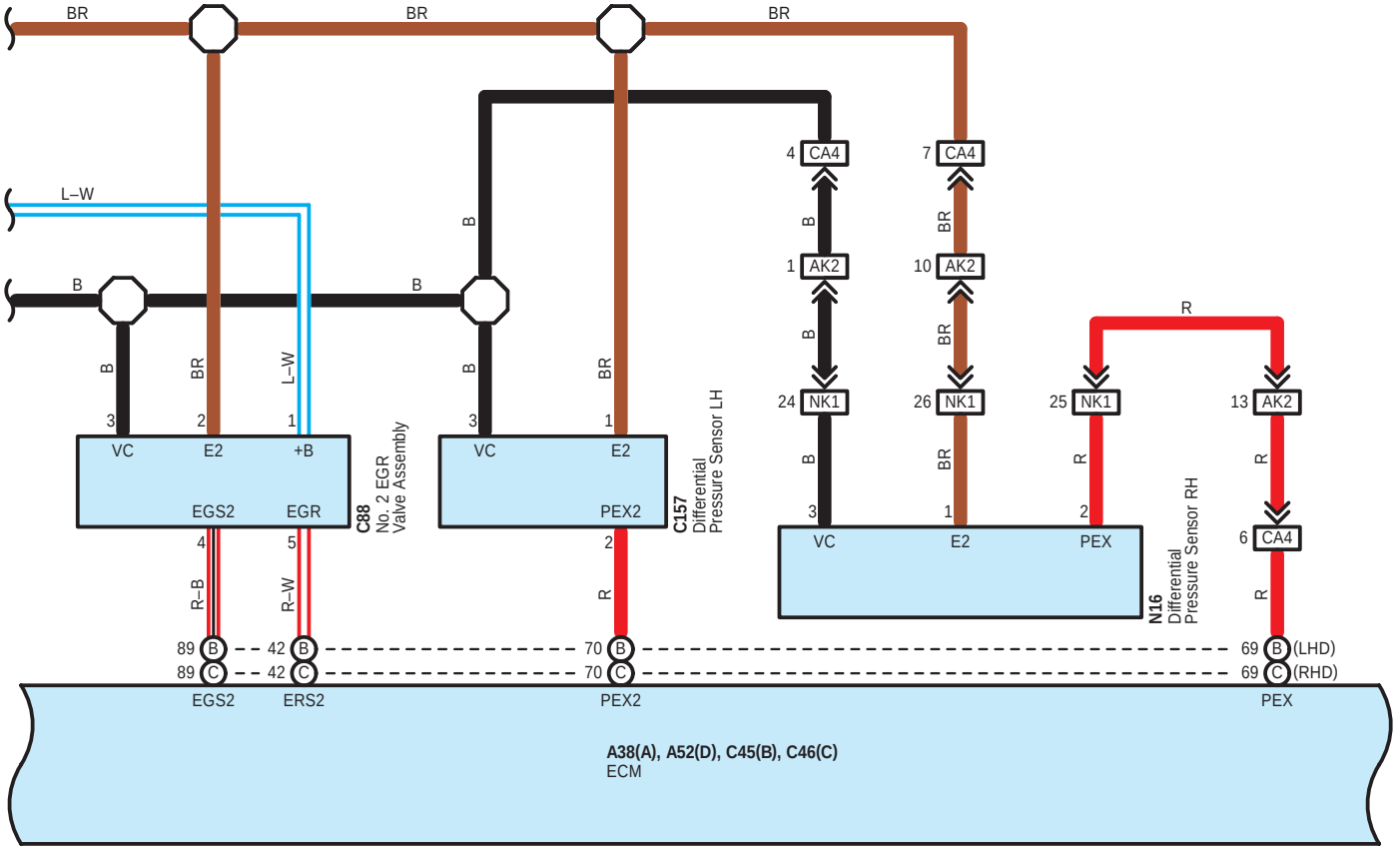

(BAT)
15A
A/F
2
1
BR
L–W
L–W
B
L
L
B
B
B

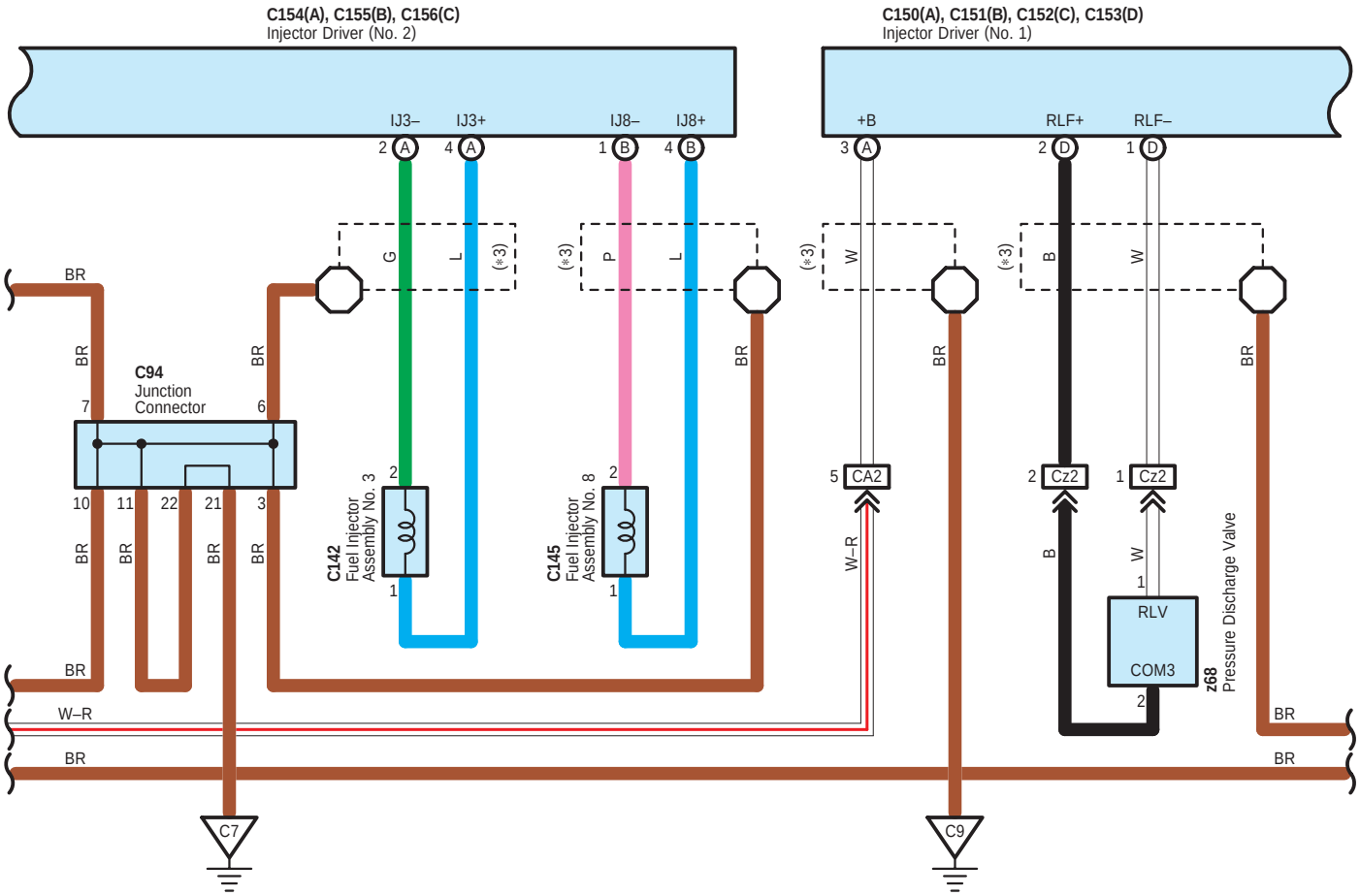

BR
L–W
L
B
L–R
W–B
P–B
P–L
R–W
LG
W
W–R
C94 Junction Connector
C84(A), C86(B) Diesel Throttle Body Assembly LH
VCR
VC
E2
E2R
VTAR
VTA2
C95 Junction Connector
BATT
+B2
+B
LUS2
VLU2
EVLU
VCVL
(LHD)
(RHD)
A38(A), A52(D), C45(B), C46(C) ECM
IRL2
IREL
GREL
GRL2
MREL
DPSW
HA1A
A1A+
A1A–
A2A+
A2A–
EA3
EA1
MSW
MSE
E111 DPF Switch Assembly
C159 Air Fuel Ratio Sensor (Bank 1 Sensor 1)
HAF1
AF1+
AF1–
+B
C158 Air Fuel Ratio Sensor (Bank 2 Sensor 1)
AF2+
AF2–
(*3)
E60 Junction Connector
E66 Junction Connector
C7
E2

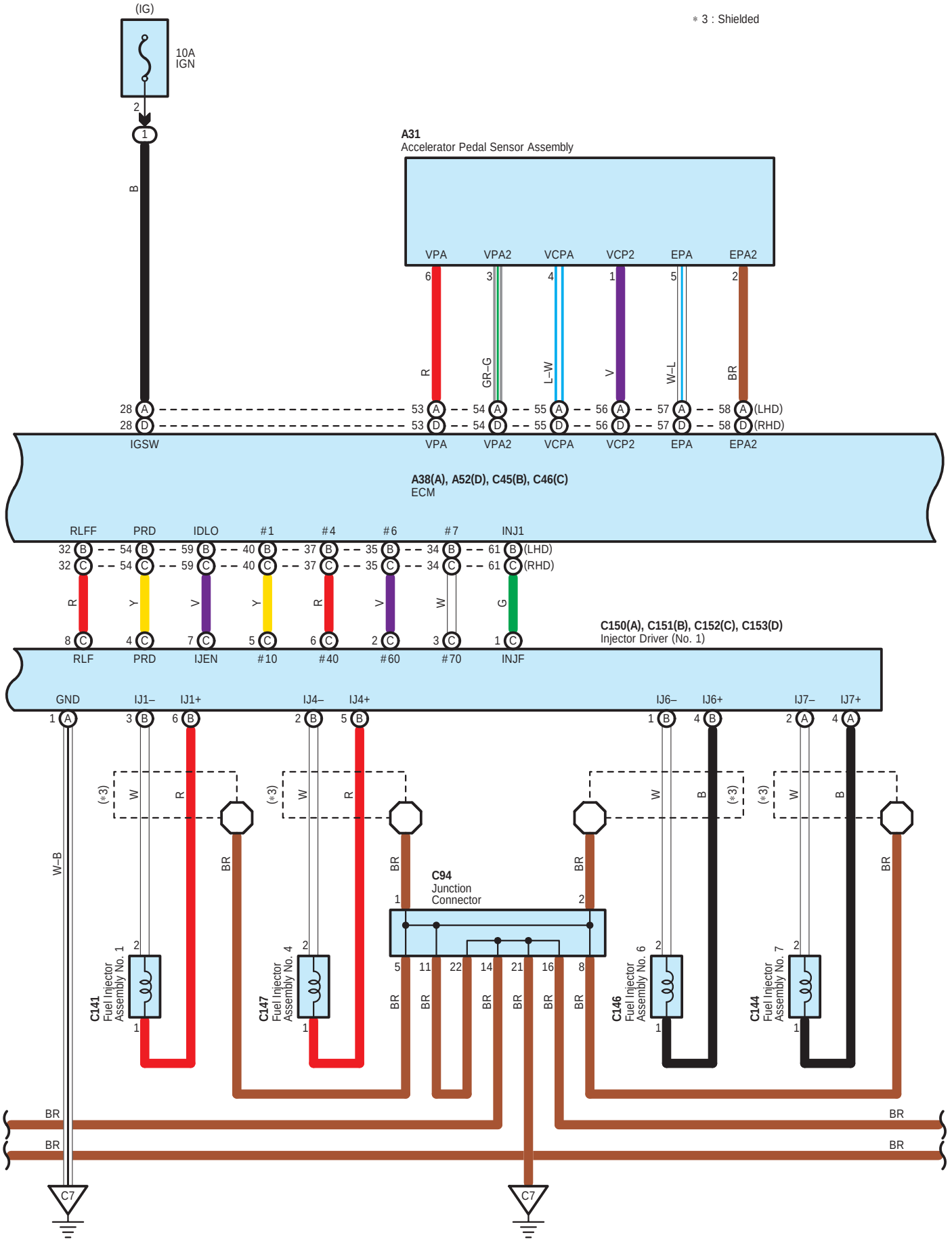

BR
BR
* 3 : Shielded
L–W
L–R
W–B
C83(A), C85(B)
Diesel Throttle Body Assembly RH
E2
VC
VCR
VTA
E2R
VTAR
C161
Exhaust Fuel Addition Injector Assembly LH
+B
FIV2
C81
VSV (ACM)
CA4
C160
Exhaust Fuel Addition Injector Assembly RH
FIV
VLU
LUSL
ACM
(LHD)
(RHD)
A38(A), A52(D), C45(B), C46(C)
ECM
HA2A
THCO
ETCF
TCO2
TCI2
TCF2
THCI
C158
Air Fuel Ratio Sensor (Bank 2 Sensor 1)
HAF2
N15
DPF Temperature Sensor RH (Exhaust Gas Temperature Sensor)
C167
DPF Temperature Sensor LH (Exhaust Gas Temperature Sensor)
C165
No. 4 Exhaust Gas Temperature Sensor
C164
No. 3 Exhaust Gas Temperature Sensor
C163
No. 2 Exhaust Gas Temperature Sensor
CA3
NK1
AK2
W
W–R
BR

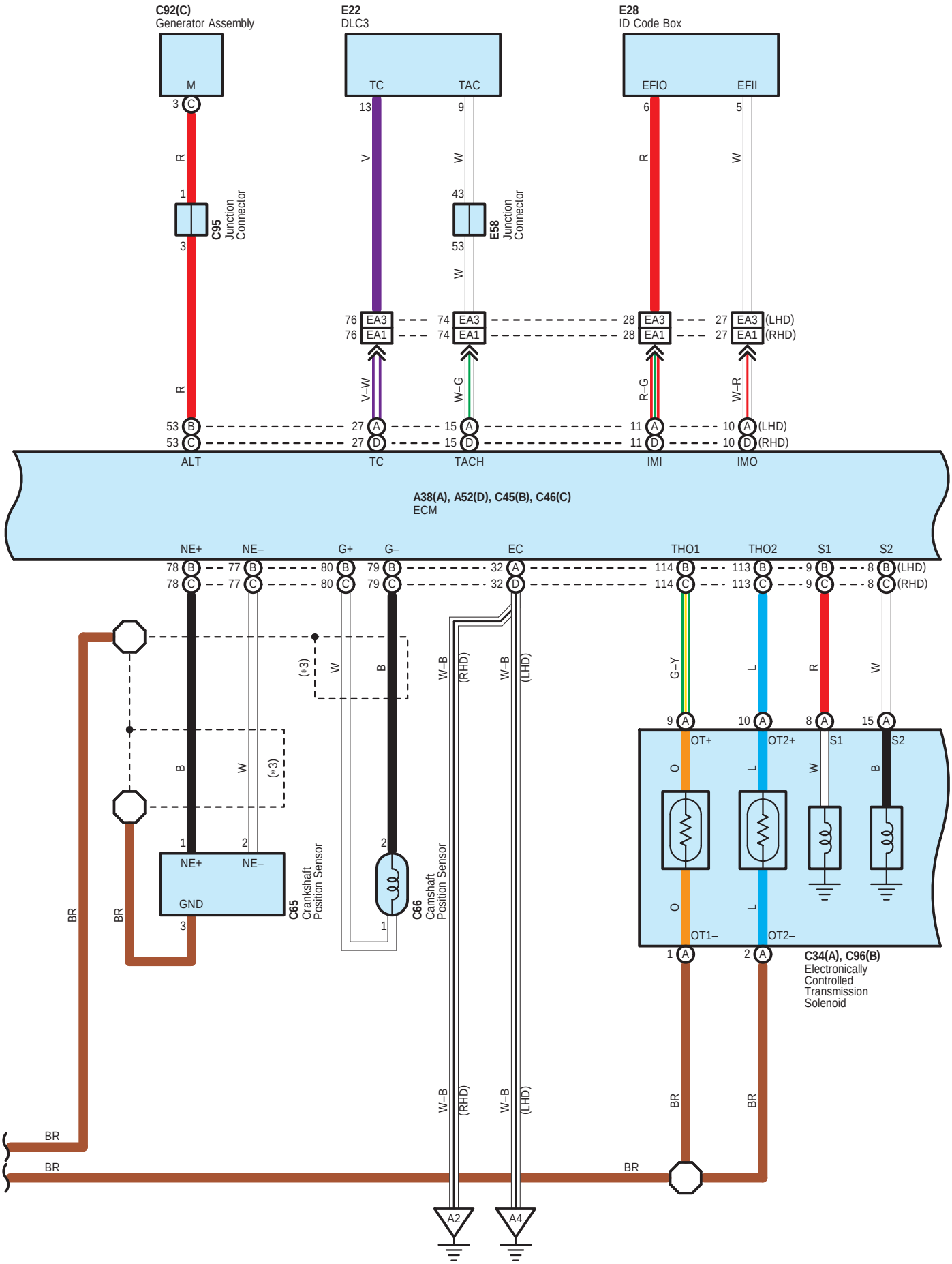

* 3 : Shielded
C50 Mass Air Flow Meter
C80 Diesel Turbo Pressure Sensor
C79 Intake Air Temperature Sensor
C71 E. F. I. Engine Coolant Temperature Sensor
C82 Fuel Pressure Sensor
A38(A), A52(D), C45(B), C46(C) ECM
C162 Exhaust Gas Temperature Sensor
z66(A), z67(B) DC Motor and Nozzle Vane Position Sensor LH
C89(A), C90(B) DC Motor and Nozzle Vane Position Sensor RH
C95 Junction Connector

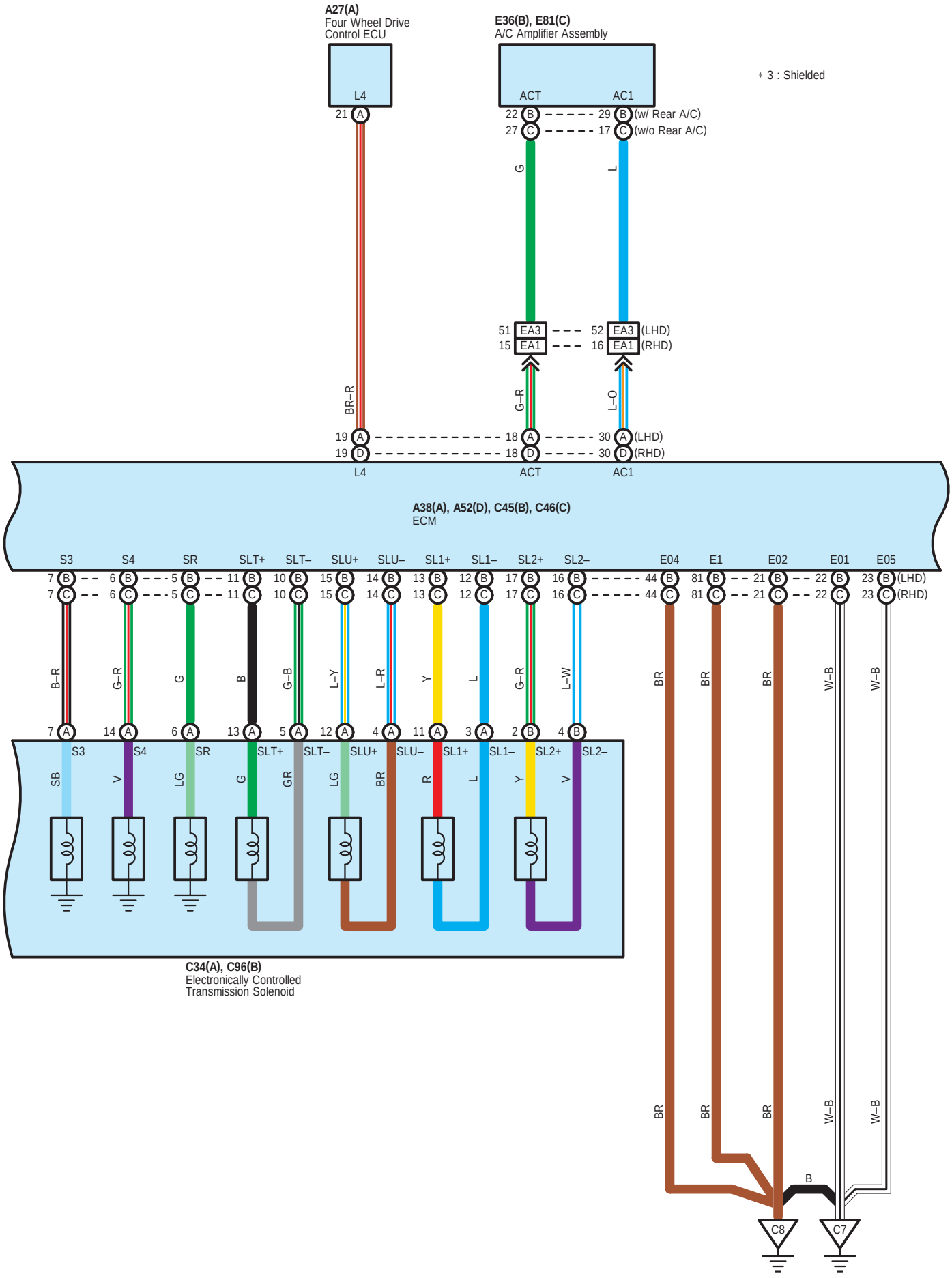

z64
Suction Control Valve (Injection or Supply Pump Assembly)
+B
PCV
z65
Fuel Temperature Sensor (Injection or Supply Pump Assembly)
E2
THF
C44(B)
Junction Connector
C87
No. 1 EGR Valve Assembly
+B
E2
VC
EGR
EGLS
PCV+
PCV–
THF
E2
EGRS
EGLS
VC
A38(A), A52(D), C45(B), C46(C)
ECM
PSW
#2
#3
#5
#8
INJ2
IDL2
C154(A), C155(B), C156(C)
Injector Driver (No. 2)
#20
#30
#50
#80
INF2
IDL2
+B
GND
IJ2–
IJ2+
IJ5–
IJ5+
C94
Junction Connector
C29
Power Steering Oil Pressure Switch
CA2
C148
Fuel Injector Assembly No. 2
C143
Fuel Injector Assembly No. 5
C7
C9
C7

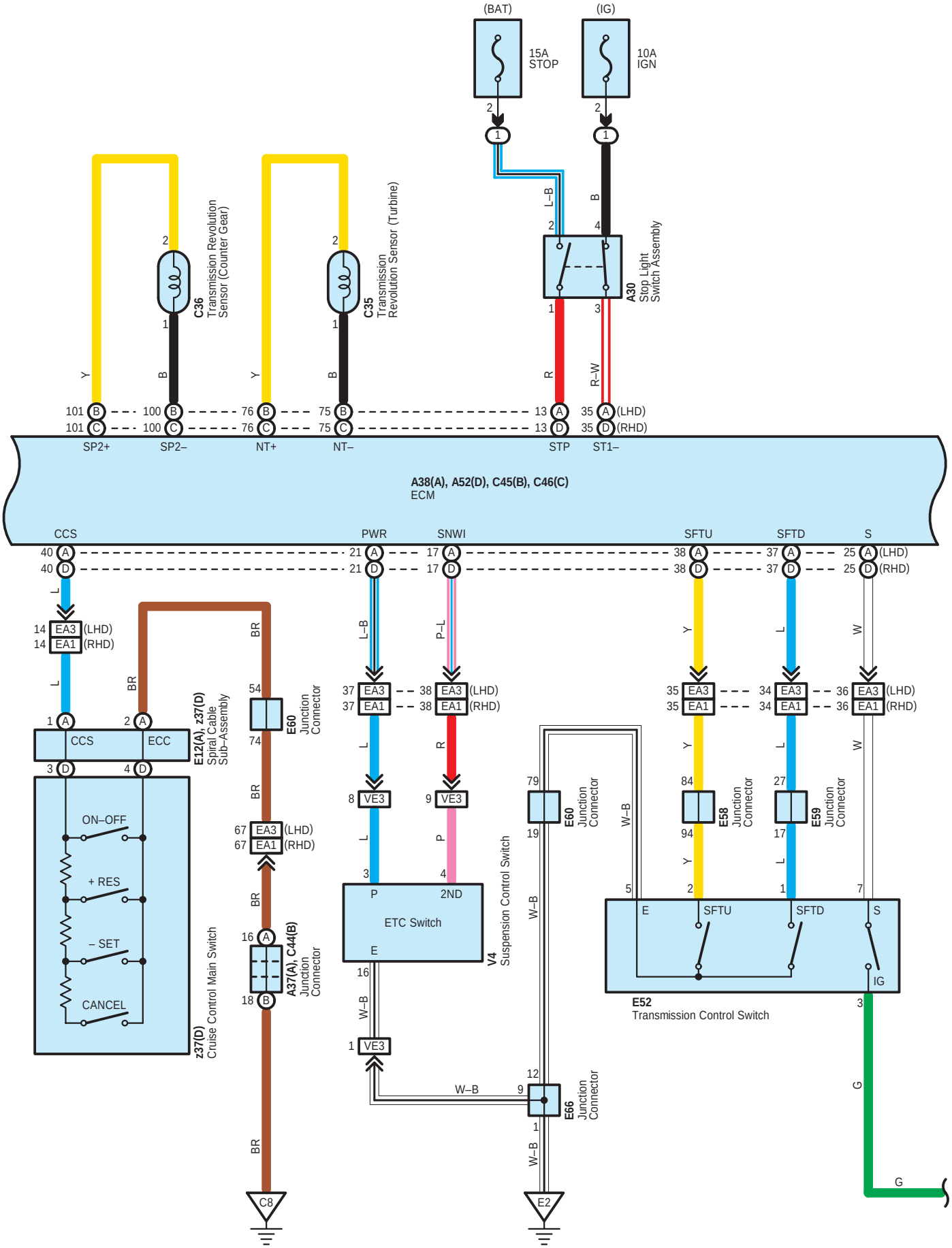

BR
L–W
B
C88
No. 2 EGR Valve Assembly
VC
E2
+B
EGS2
EGR
R–B
R–W
C157
Differential Pressure Sensor LH
PEX2
CA4
AK2
NK1
N16
Differential Pressure Sensor RH
PEX
R
89
42
70
69
(LHD)
(RHD)
ERS2
A38(A), A52(D), C45(B), C46(C)
ECM

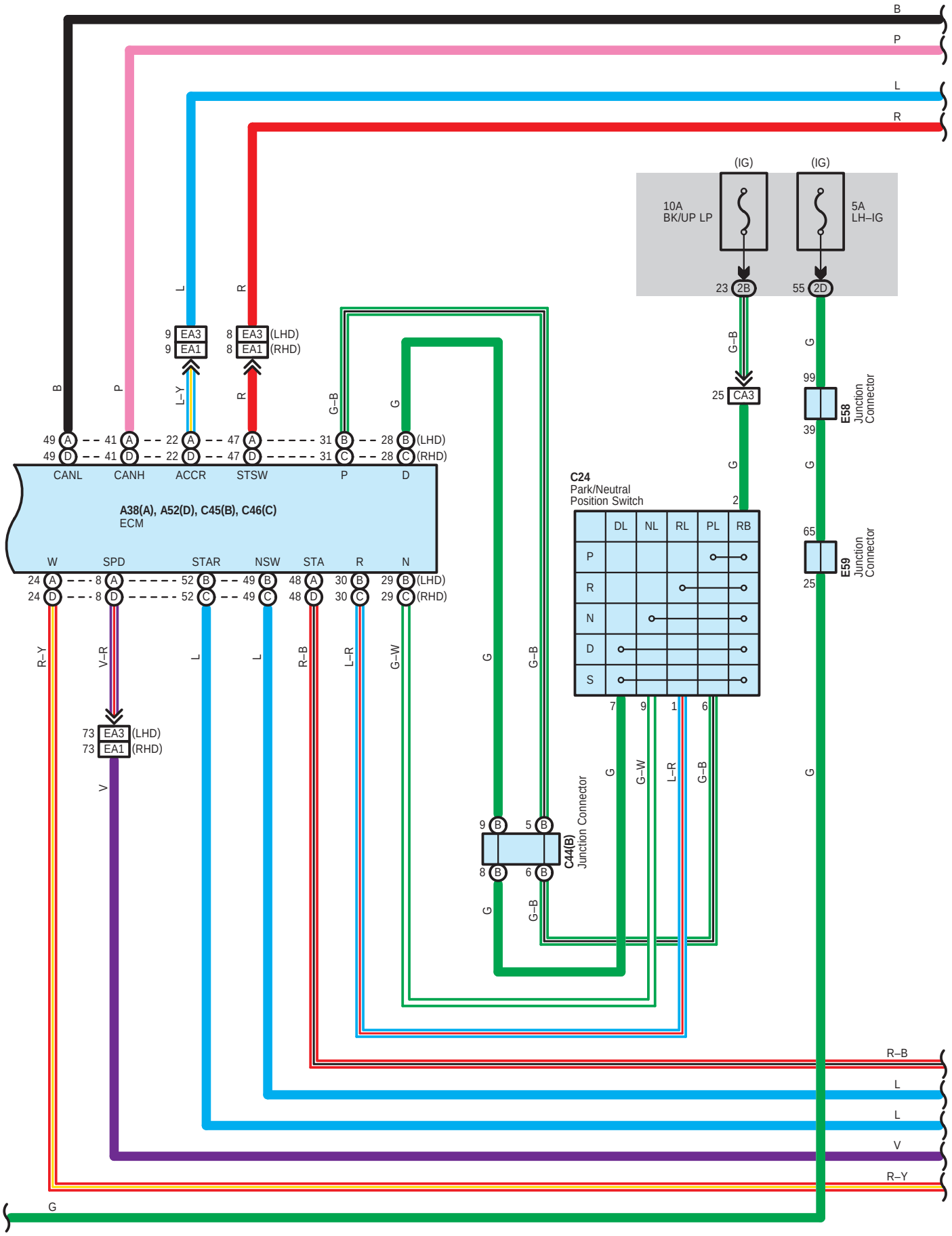

C154(A), C155(B), C156(C)
Injector Driver (No. 2)
C150(A), C151(B), C152(C), C153(D)
Injector Driver (No. 1)
IJ3–
IJ3+
IJ8–
IJ8+
+B
RLF+
RLF–
C94
Junction Connector
C142
Fuel Injector Assembly No. 3
C145
Fuel Injector Assembly No. 8
CA2
Cz2
RLV
COM3
z68
Pressure Discharge Valve
W–R
C7
C9

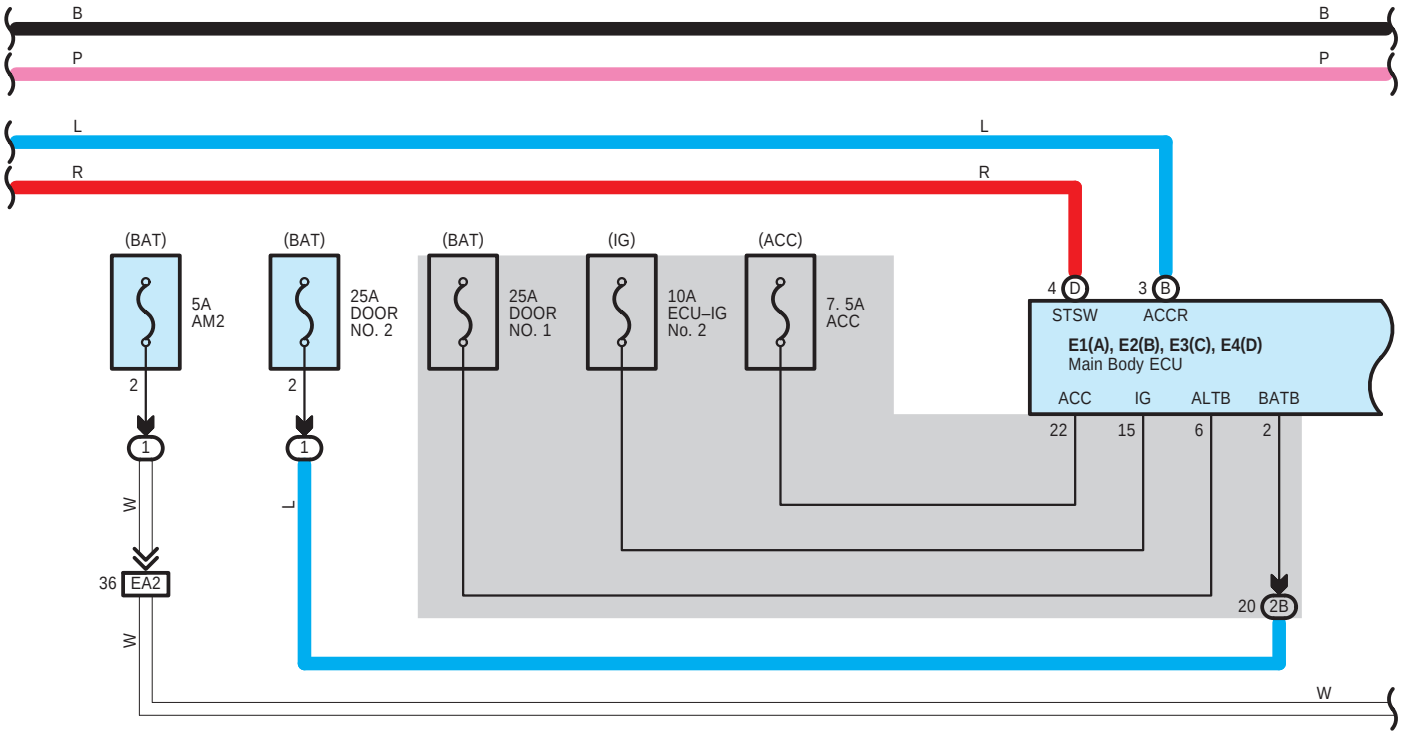

(IG)
10A
IGN
2
1
B
＊3 : Shielded
A31
Accelerator Pedal Sensor Assembly
VPA
VPA2
VCPA
VCP2
EPA
EPA2
6
3
4
1
5
2
R
GR–G
L–W
V
W–L
BR
28 A
28 D
53 A
53 D
54 A
54 D
55 A
55 D
56 A
56 D
57 A
57 D
58 A (LHD)
58 D (RHD)
IGSW
VPA
VPA2
VCPA
VCP2
EPA
EPA2
A38(A), A52(D), C45(B), C46(C)
ECM
RLFF
PRD
IDLO
#1
#4
#6
#7
INJ1
32 B
32 C
54 B
54 C
59 B
59 C
40 B
40 C
37 B
37 C
35 B
35 C
34 B
34 C
61 B (LHD)
61 C (RHD)
R
Y
V
Y
R
V
W
G
8 C
4 C
7 C
5 C
6 C
2 C
3 C
1 C
C150(A), C151(B), C152(C), C153(D)
Injector Driver (No. 1)
RLF
PRD
IJEN
#10
#40
#60
#70
INJF
GND
IJ1–
IJ1+
IJ4–
IJ4+
IJ6–
IJ6+
IJ7–
IJ7+
1 A
3 B
6 B
2 B
5 B
1 B
4 B
2 A
4 A
(＊3)
W
R
B
W–B
BR
C94
Junction
Connector
1
2
5
11
22
14
21
16
8
C141
Fuel Injector
Assembly No. 1
C147
Fuel Injector
Assembly No. 4
C146
Fuel Injector
Assembly No. 6
C144
Fuel Injector
Assembly No. 7
C7
C7

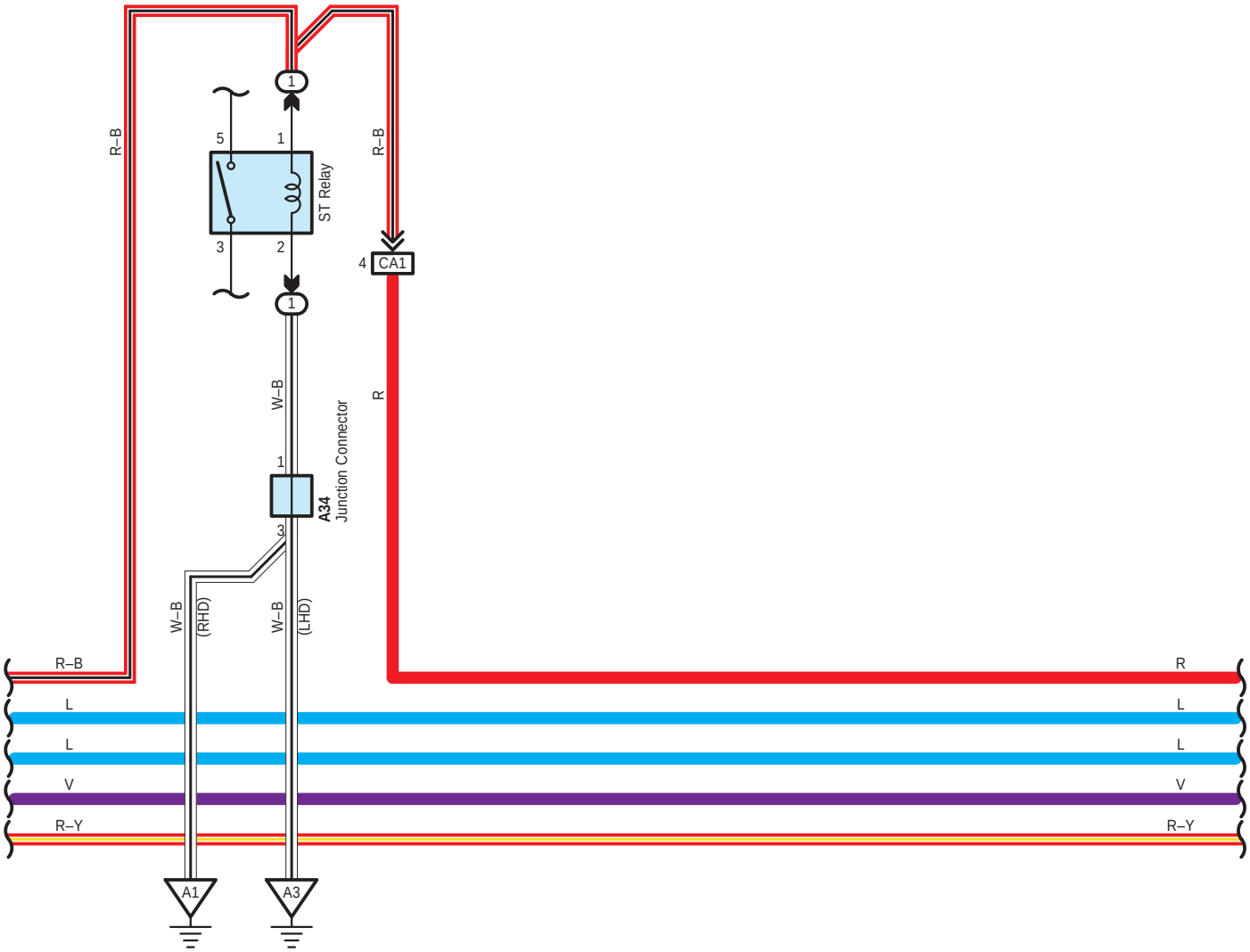

C92(C)
Generator Assembly
M
3 C
R
1
C95 Junction Connector
3
R
53 B
53 C
ALT
E22
DLC3
TC
TAC
13
V
9
W
43
E58 Junction Connector
53
W
76 EA3
76 EA1
74 EA3
74 EA1
V–W
W–G
27 A
27 D
TC
15 A
15 D
TACH
E28
ID Code Box
EFIO
EFII
6
R
5
W
28 EA3
28 EA1
27 EA3 (LHD)
27 EA1 (RHD)
R–G
W–R
11 A
11 D
IMI
10 A (LHD)
10 D (RHD)
IMO
A38(A), A52(D), C45(B), C46(C)
ECM
NE+
NE–
G+
G–
EC
THO1
THO2
S1
S2
78 B
78 C
77 B
77 C
80 B
80 C
79 B
79 C
32 A
32 D
114 B
114 C
113 B
113 C
9 B
9 C
8 B (LHD)
8 C (RHD)
(*3)
W
B
W–B
(RHD)
W–B
(LHD)
G–Y
L
R
W
9 A
10 A
8 A
15 A
OT+
OT2+
S1
S2
O
L
W
B
1
2
NE+
NE–
GND
3
C65 Crankshaft Position Sensor
2
1
C66 Camshaft Position Sensor
O
L
OT1–
OT2–
1 A
2 A
C34(A), C96(B)
Electronically Controlled Transmission Solenoid
BR
BR
BR
BR
BR
BR
A2
A4

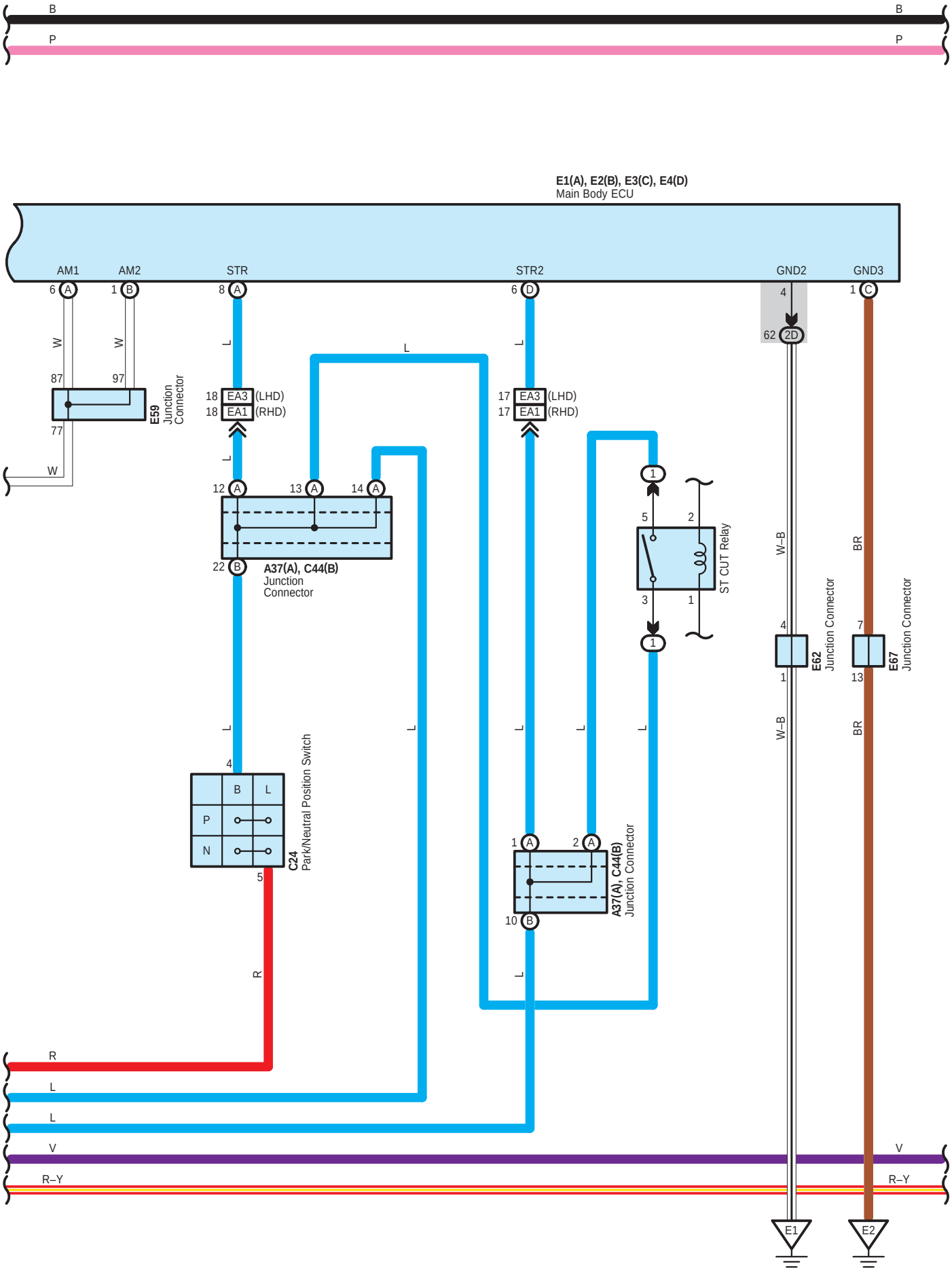

A27(A)
Four Wheel Drive Control ECU
L4
21 A
E36(B), E81(C)
A/C Amplifier Assembly
ACT
AC1
22 B
27 C
29 B (w/ Rear A/C)
17 C (w/o Rear A/C)
* 3 : Shielded
G
L
51 EA3
15 EA1
52 EA3 (LHD)
16 EA1 (RHD)
BR–R
G–R
L–O
19 A
19 D
18 A
18 D
30 A (LHD)
30 D (RHD)
L4
ACT
AC1
A38(A), A52(D), C45(B), C46(C)
ECM
S3
S4
SR
SLT+
SLT–
SLU+
SLU–
SL1+
SL1–
SL2+
SL2–
E04
E1
E02
E01
E05
7 B
7 C
6 B
6 C
5 B
5 C
11 B
11 C
10 B
10 C
15 B
15 C
14 B
14 C
13 B
13 C
12 B
12 C
17 B
17 C
16 B
16 C
44 B
44 C
81 B
81 C
21 B
21 C
22 B
22 C
23 B (LHD)
23 C (RHD)
B–R
G–R
G
B
G–B
L–Y
L–R
Y
L
G–R
L–W
BR
W–B
7 A
14 A
6 A
13 A
5 A
12 A
4 A
11 A
3 A
2 B
4 B
S3
S4
SR
SLT+
SLT–
SLU+
SLU–
SL1+
SL1–
SL2+
SL2–
SB
V
LG
G
GR
LG
BR
R
L
Y
V
C34(A), C96(B)
Electronically Controlled Transmission Solenoid
B
C8
C7

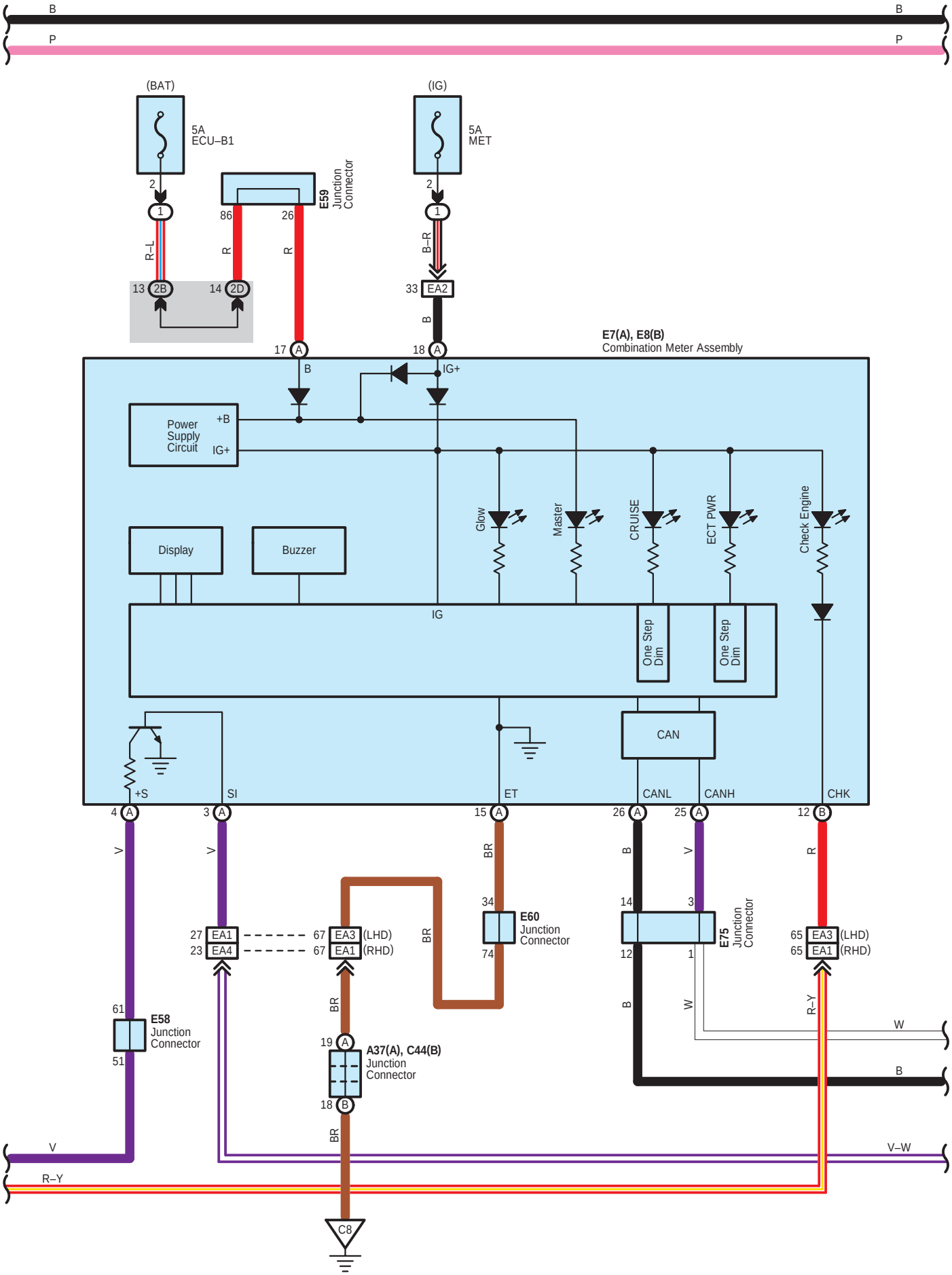

(BAT)
(IG)
15A STOP
10A IGN
C36 Transmission Revolution Sensor (Counter Gear)
C35 Transmission Revolution Sensor (Turbine)
A30 Stop Light Switch Assembly
SP2+
SP2–
NT+
NT–
STP
ST1–
A38(A), A52(D), C45(B), C46(C) ECM
CCS
PWR
SNWI
SFTU
SFTD
S
E12(A), z37(D) Spiral Cable Sub-Assembly
E60 Junction Connector
A37(A), C44(B) Junction Connector
z37(D) Cruise Control Main Switch
ON–OFF
+ RES
– SET
CANCEL
ETC Switch
V4 Suspension Control Switch
E58 Junction Connector
E59 Junction Connector
E52 Transmission Control Switch
E66 Junction Connector
C8
E2

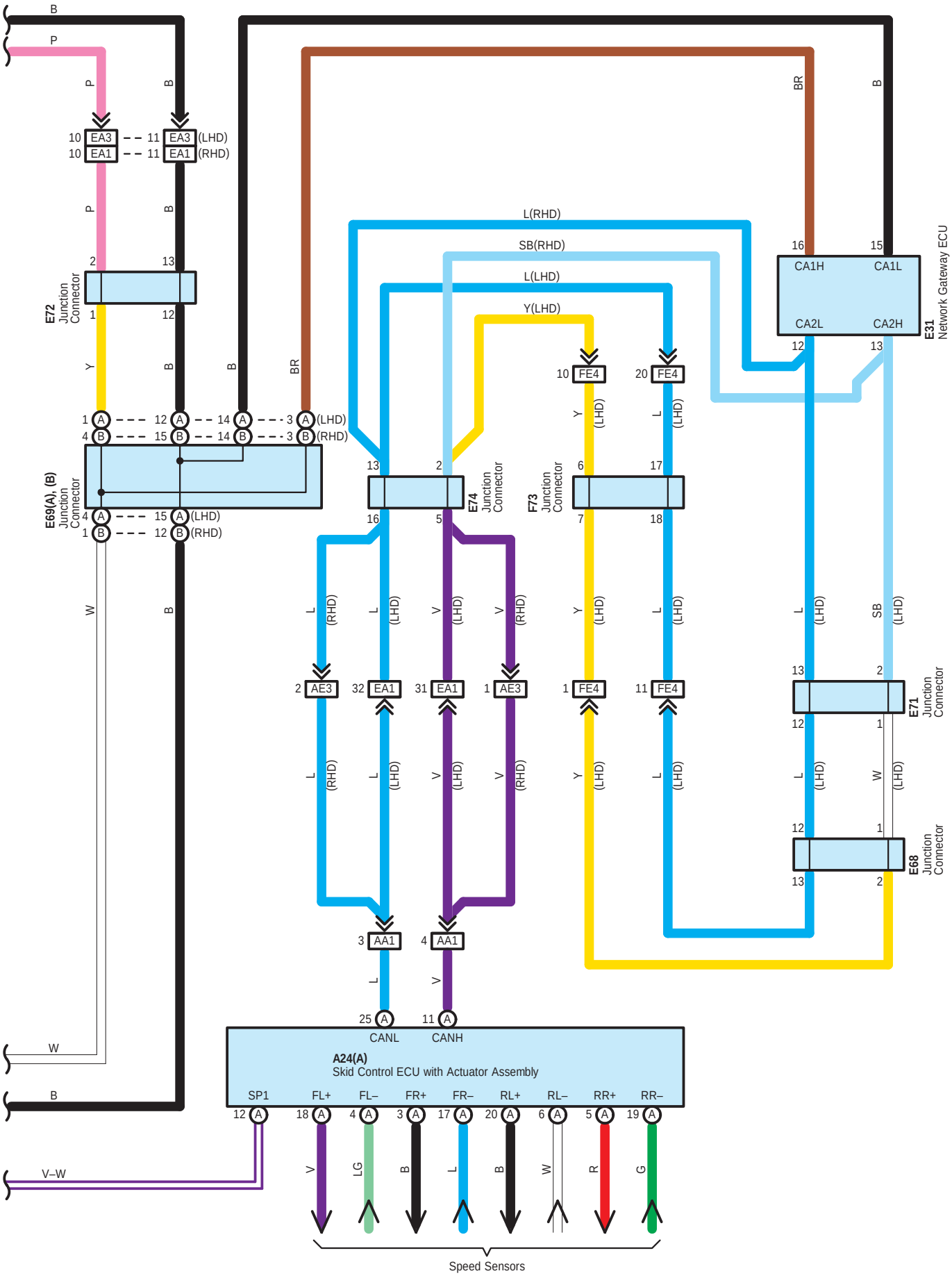

B
P
L
R
(IG)
(IG)
10A
BK/UP LP
5A
LH–IG
23 2B
55 2D
G–B
G
25 CA3
99
E58
Junction
Connector
39
C24
Park/Neutral
Position Switch
2
DL
NL
RL
PL
RB
P
R
N
D
S
65
E59
Junction
Connector
25
7
9
1
6
9 EA3
9 EA1
8 EA3 (LHD)
8 EA1 (RHD)
L–Y
49 A
49 D
41 A
41 D
22 A
22 D
47 A
47 D
31 B
31 C
28 B (LHD)
28 C (RHD)
CANL
CANH
ACCR
STSW
P
D
A38(A), A52(D), C45(B), C46(C)
ECM
W
SPD
STAR
NSW
STA
R
N
24 A
24 D
8 A
8 D
52 B
52 C
49 B
49 C
48 A
48 D
30 B
30 C
29 B (LHD)
29 C (RHD)
R–Y
V–R
L
L
R–B
L–R
G–W
G
G–B
73 EA3 (LHD)
73 EA1 (RHD)
V
9 B
5 B
8 B
6 B
C44(B)
Junction Connector
R–B
L
L
V
R–Y
G


B
P
L
R
(BAT)
5A
AM2
2
1
W
36
EA2
(BAT)
25A
DOOR
NO. 2
2
1
L
(BAT)
25A
DOOR
NO. 1
(IG)
10A
ECU–IG
No. 2
(ACC)
7. 5A
ACC
4
D
STSW
3
B
ACCR
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
ACC
IG
ALTB
BATB
22
15
6
2
20
2B
W

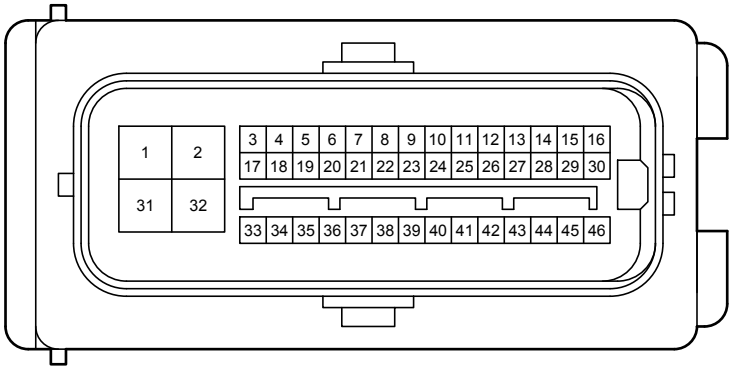

R–B
1
5
1
ST Relay
3
2
4
CA1
1
W–B
R
1
A34
Junction Connector
3
W–B
(RHD)
W–B
(LHD)
R–B
R
L
L
L
L
V
V
R–Y
R–Y
A1
A3


B
P
B
P
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
AM1
AM2
STR
STR2
GND2
GND3
6 A
1 B
8 A
6 D
4
62 2D
1 C
W
W
L
L
87
97
18 EA3 (LHD)
18 EA1 (RHD)
17 EA3 (LHD)
17 EA1 (RHD)
E59 Junction Connector
77
W
12 A
13 A
14 A
22 B
A37(A), C44(B) Junction Connector
1
5
2
3
1
1
ST CUT Relay
W–B
BR
4
1
E62 Junction Connector
7
13
E67 Junction Connector
W–B
BR
4
B
L
P
N
5
C24 Park/Neutral Position Switch
R
1 A
2 A
10 B
A37(A), C44(B) Junction Connector
R
L
L
V
R–Y
V
R–Y
E1
E2

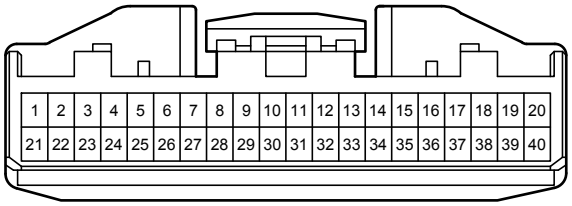

B
P
(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction
Connector
R–L
B–R
13 2B
14 2D
33 EA2
17 A
18 A
E7(A), E8(B)
Combination Meter Assembly
Power
Supply
Circuit
+B
IG+
Glow
Master
CRUISE
ECT PWR
Check Engine
Display
Buzzer
IG
One Step
Dim
CAN
+S
SI
ET
CANL
CANH
CHK
4 A
3 A
15 A
26 A
25 A
12 B
E58
Junction
Connector
61
51
27 EA1
23 EA4
67 EA3 (LHD)
67 EA1 (RHD)
E60
Junction
Connector
34
74
E75
Junction
Connector
14
3
12
1
65 EA3 (LHD)
65 EA1 (RHD)
A37(A), C44(B)
Junction
Connector
19 A
18 B
C8
V
R–Y
V–W
W
B


B
P
10 EA3 – – 11 EA3 (LHD)
10 EA1 – – 11 EA1 (RHD)
E72 Junction Connector
1 A – – – 12 A – – 14 A – – – 3 A (LHD)
4 B – – – 15 B – – 14 B – – – 3 B (RHD)
E69(A), (B) Junction Connector
4 A – – – 15 A (LHD)
1 B – – – 12 B (RHD)
L(RHD)
SB(RHD)
L(LHD)
Y(LHD)
BR
E74 Junction Connector
F73 Junction Connector
10 FE4
20 FE4
2 AE3
32 EA1
31 EA1
1 AE3
1 FE4
11 FE4
3 AA1
4 AA1
25 A CANL
11 A CANH
CA1H
CA1L
CA2L
CA2H
E31 Network Gateway ECU
E71 Junction Connector
E68 Junction Connector
A24(A)
Skid Control ECU with Actuator Assembly
SP1
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
Speed Sensors

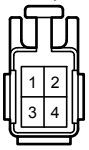
A 24
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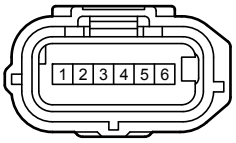
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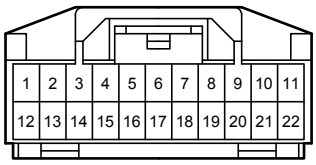
A 30
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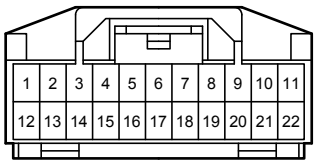
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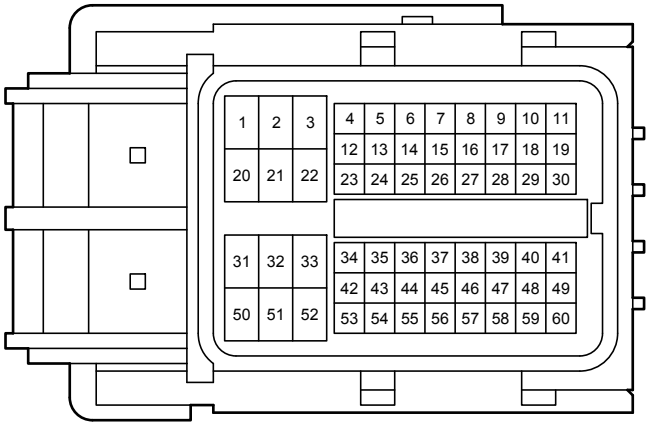
A 34
White



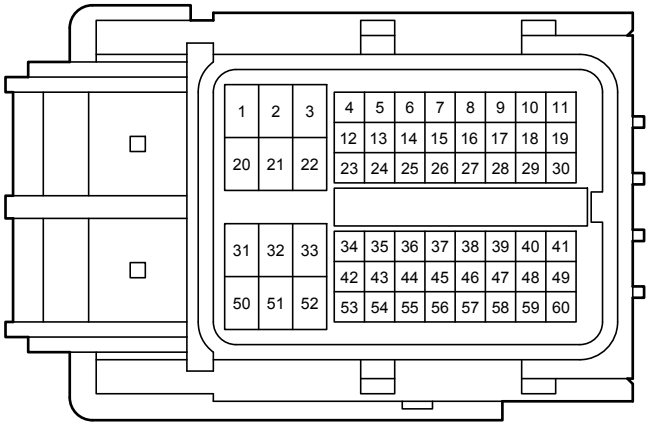
A 37
Blue



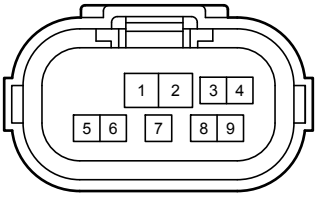
A 38
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A 52
Black



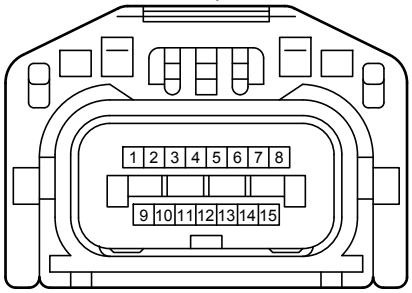
C 24
Gray



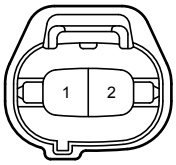
C 29
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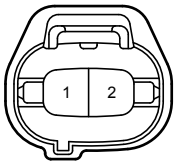
C 34
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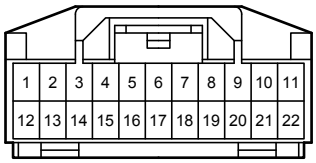
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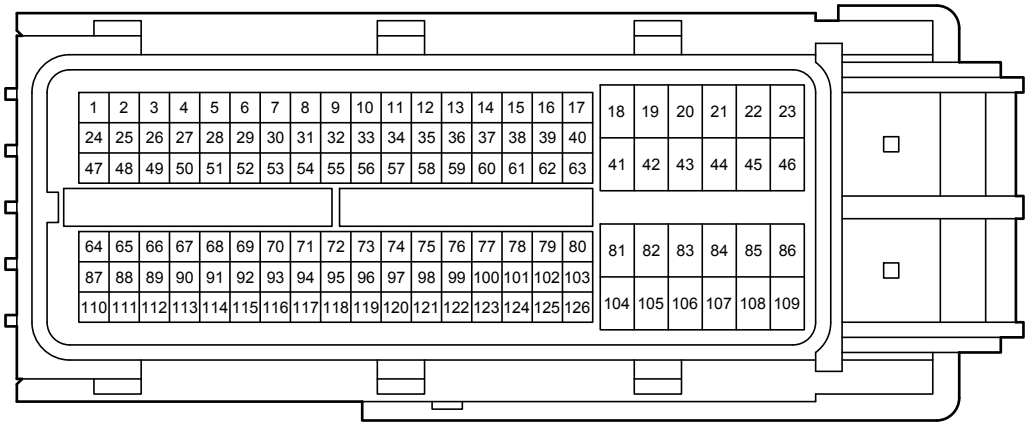
C 36
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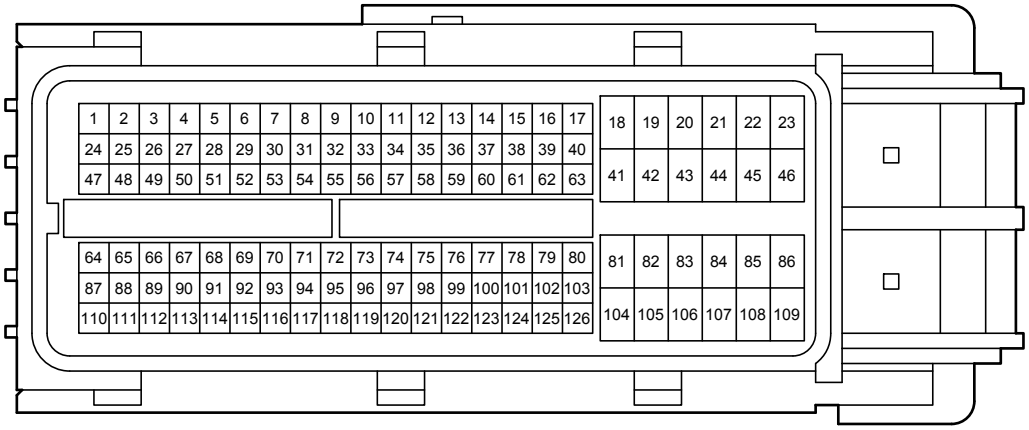
C 44
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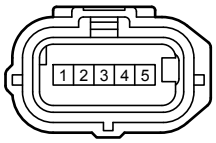
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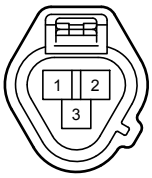
C 46
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C 50
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C 65
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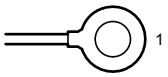
C 66
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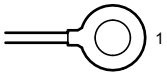
C 71
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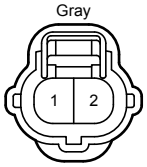
C 77



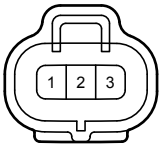
C 78



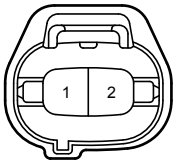
C 79
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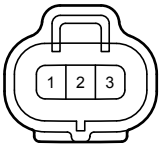
C 80
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C 81
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C 82
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C 83
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C 84
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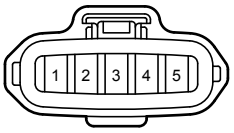
C 85
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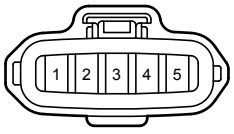
C 86
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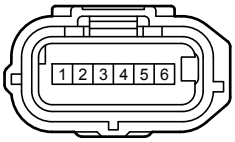
C 87
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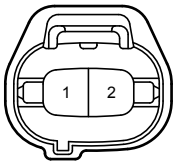
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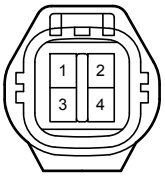
C 89
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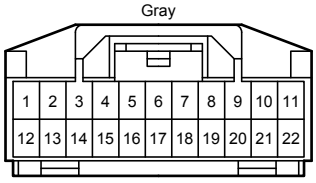
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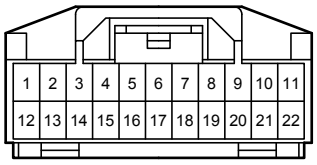
C 92
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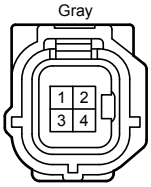
C 94
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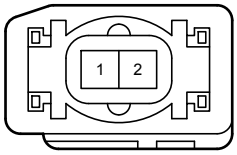
C 95
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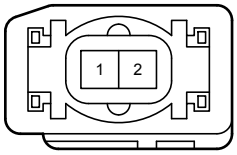
C 96
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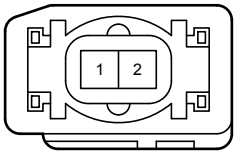
C141
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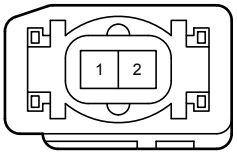
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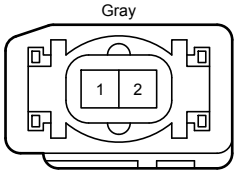
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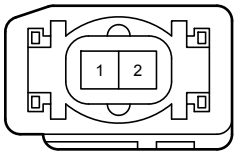
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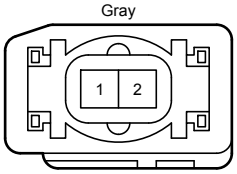
C145
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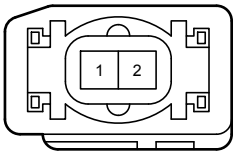
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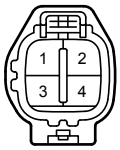
C147
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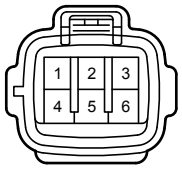
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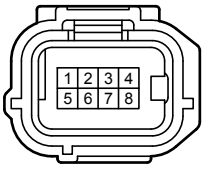
C150
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C151
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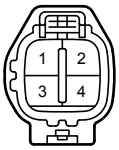
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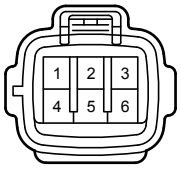
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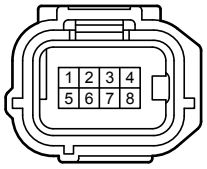
C154
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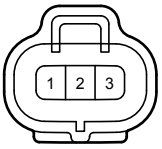
C155
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C156
Black



C157
Black



C158
Dark Gray



C159
Dark Gray



C160
Black



C161
Black



C162
Gray



C163
Gray



C164
Gray



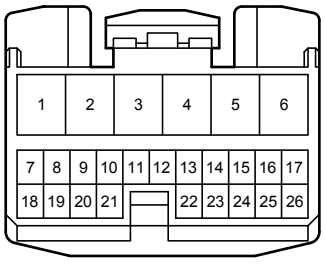
C165
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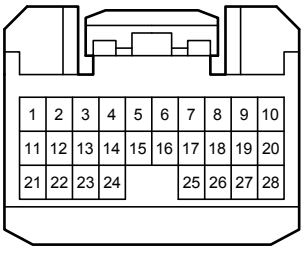
C167
Gray



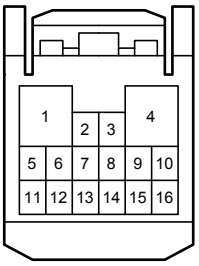
E 1
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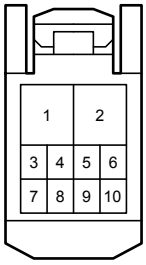
E 2
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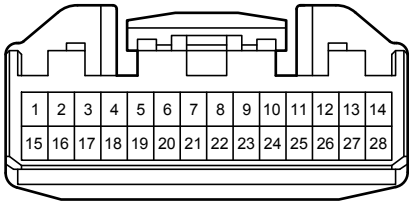
E 3
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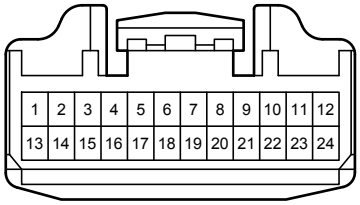
E 4
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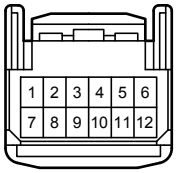
E 7
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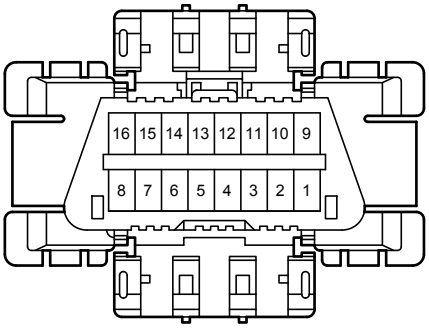
E 8
Black



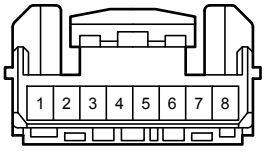
E 12
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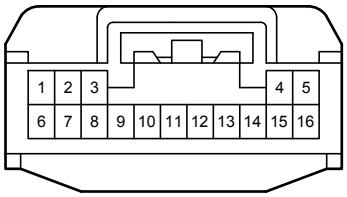
E 22
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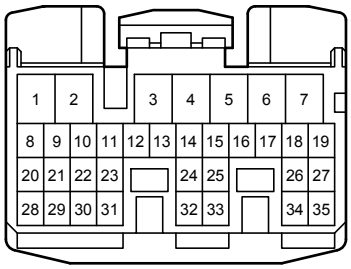
E 28
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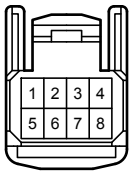
E 31
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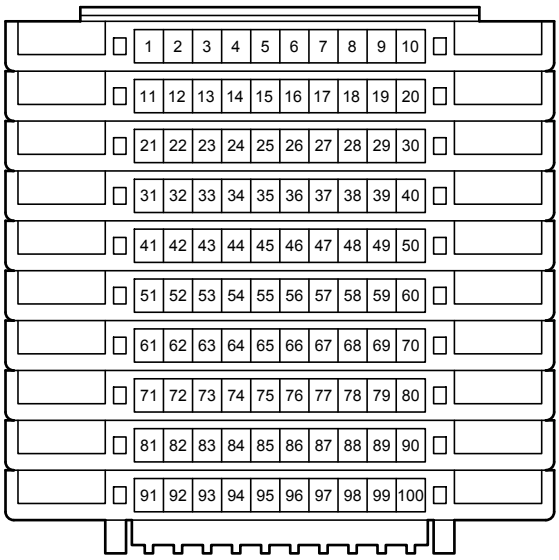
E 36
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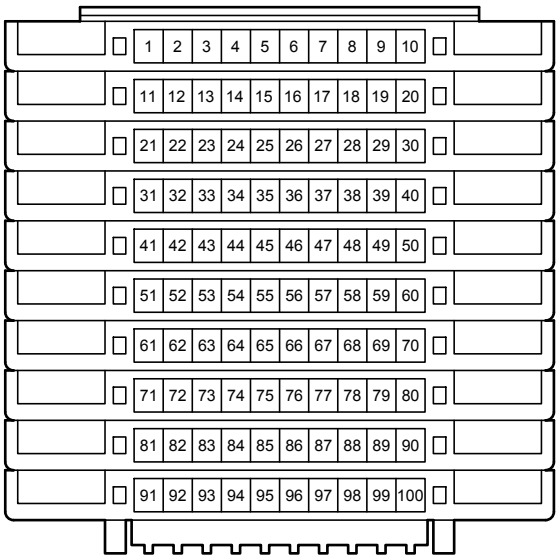
E 52
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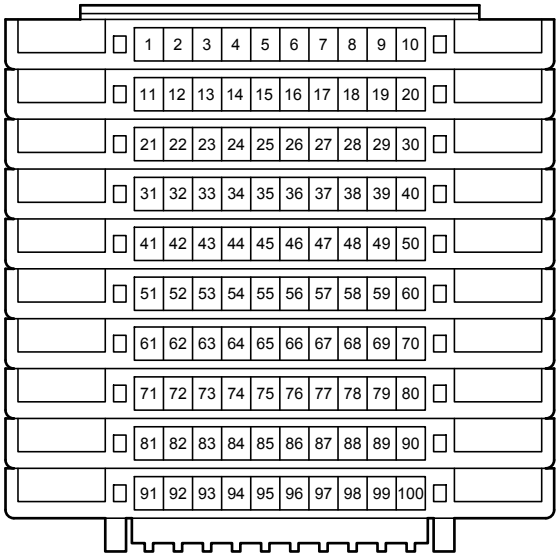
E 58



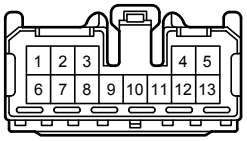
E 59



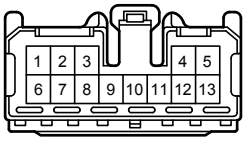
E 60



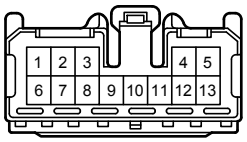
E 62
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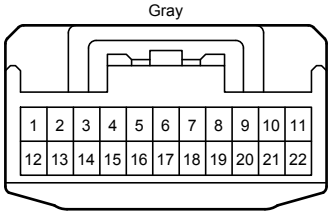
E 66
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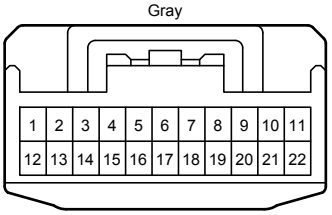
E 67
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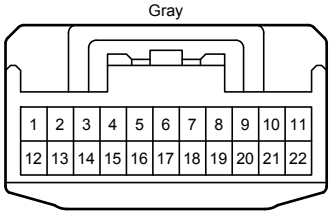
E 68
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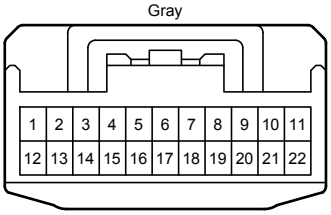
E 69
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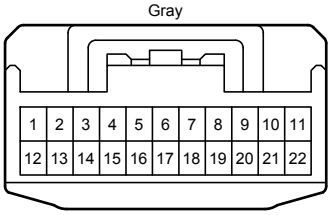
E 71
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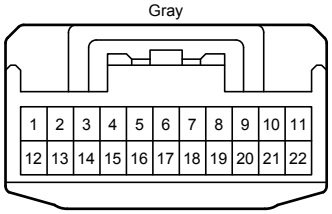
E 72
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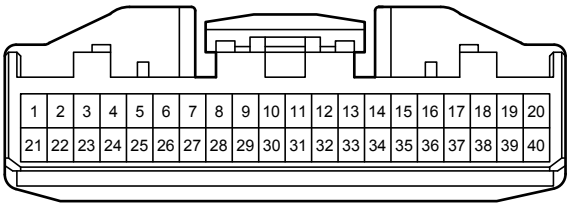
E 74
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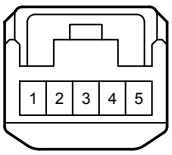
E 75
Gray



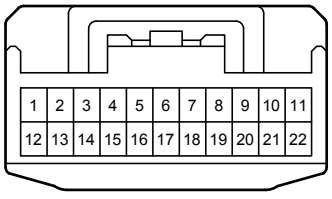
E 81
White



E111
Black



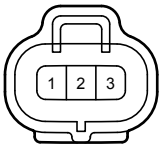
F 73
Blue



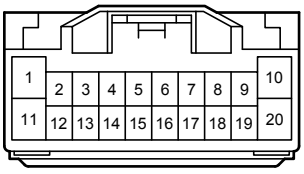
N 15
Gray



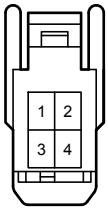
N 16
Black



V 4
White



z 37
White



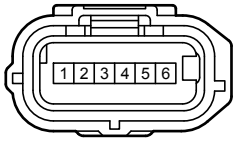
z 64
Gray



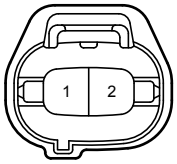
z 65
Gray



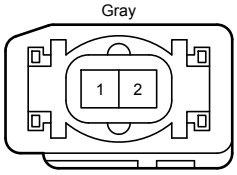
z 66
Black



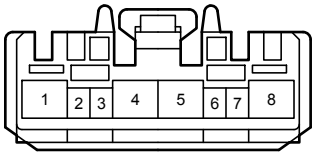
z 67
Gray



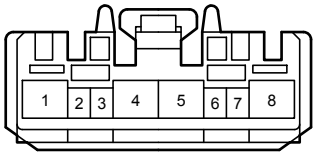
z 68
Gray



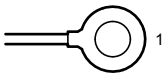
1A
White



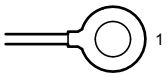
1B
White



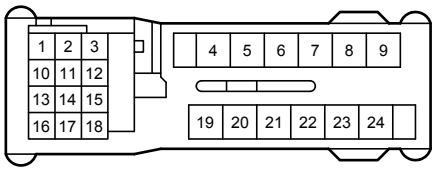
1M



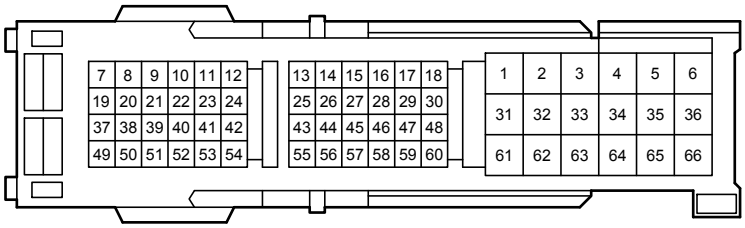
1N



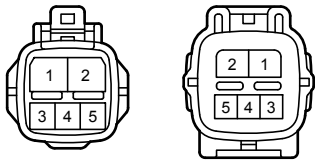
2B
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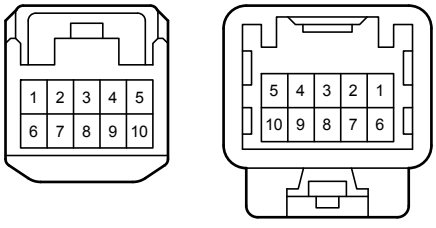
2D
White



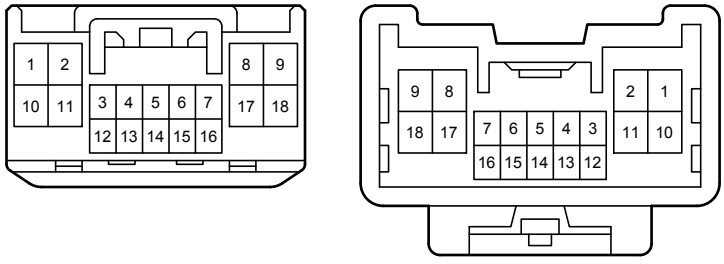
AA1
Gray



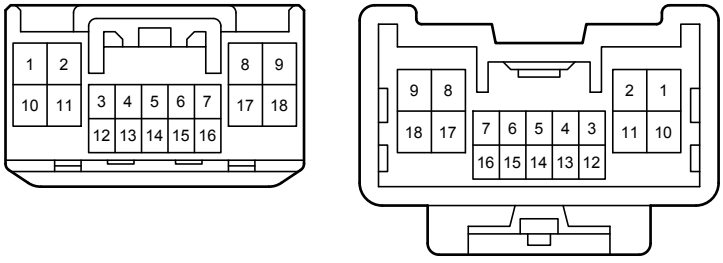
AE3
Gray



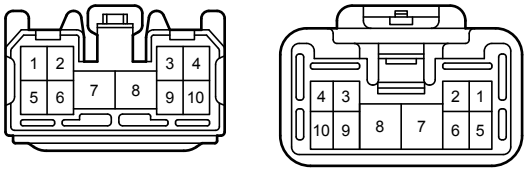
AK2
Gray



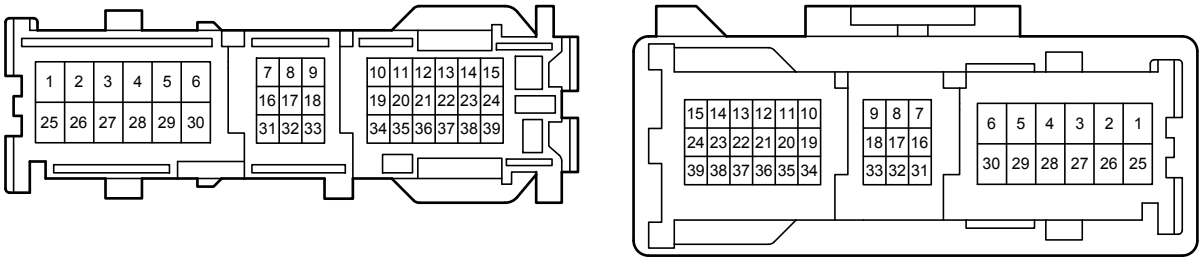
CA1
White



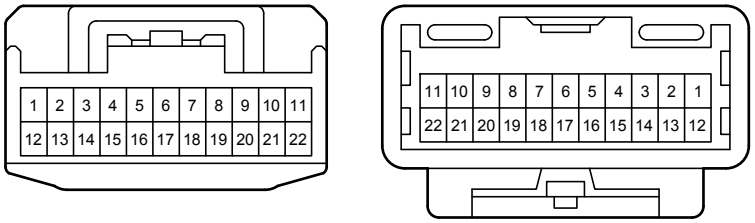
CA2
White



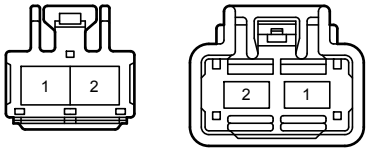
CA3
White



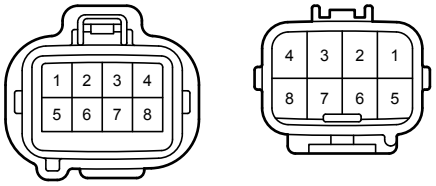
CA4
White



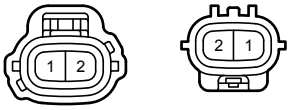
CA5
White



Cz1
Gray

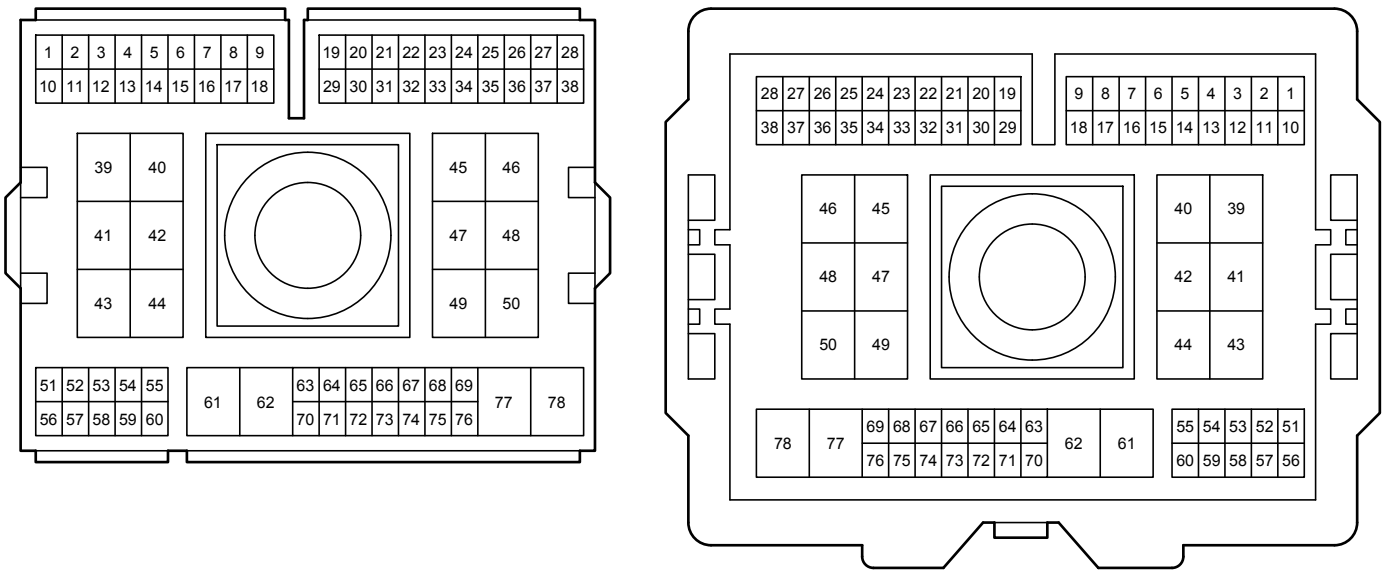


Cz2
Black



EA1

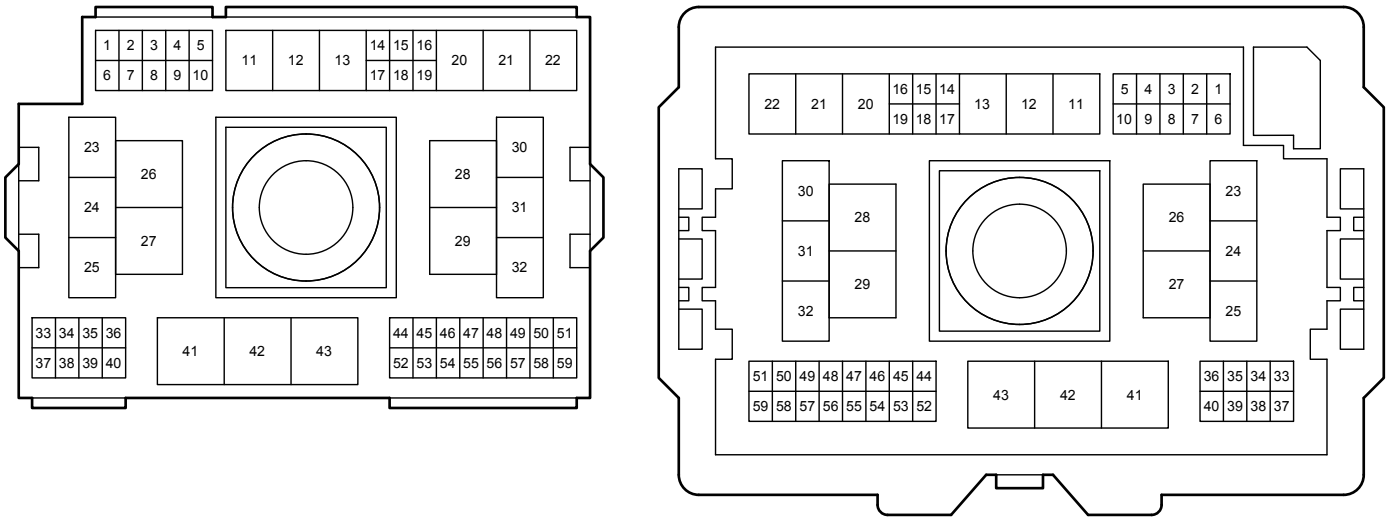
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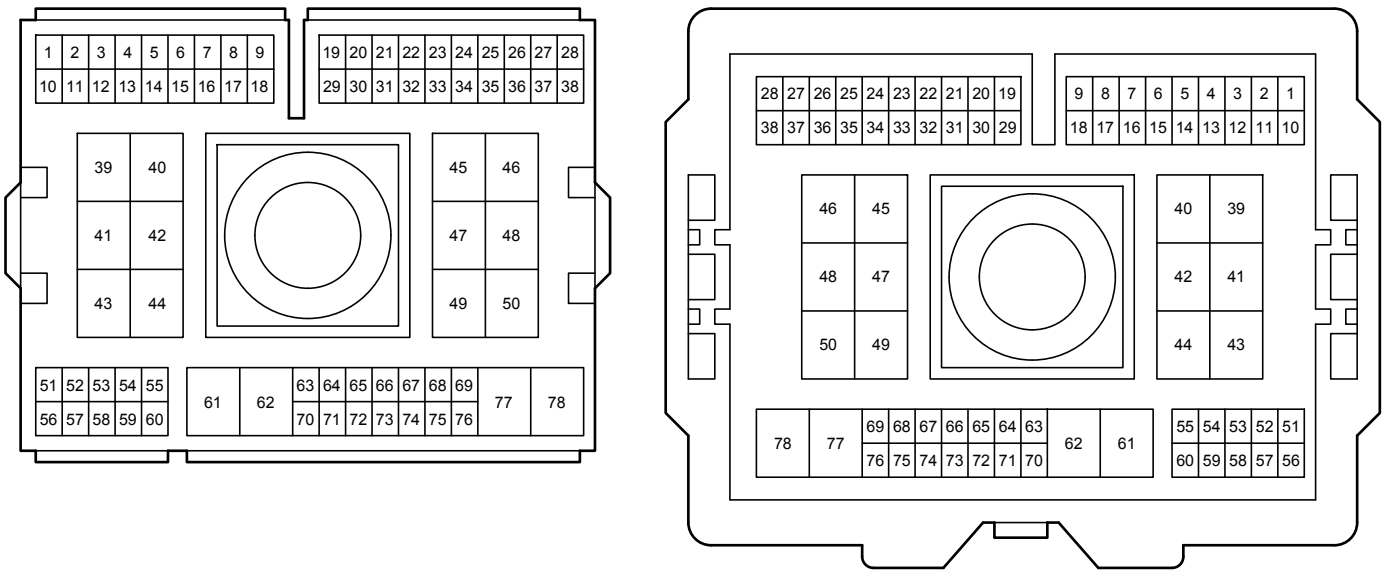
EA2

White

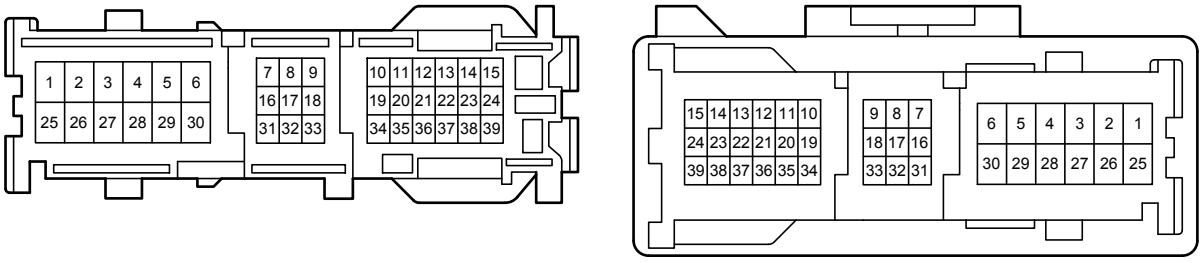
Gray



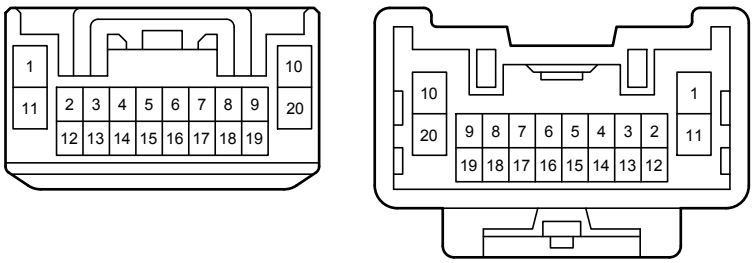
EA3
White



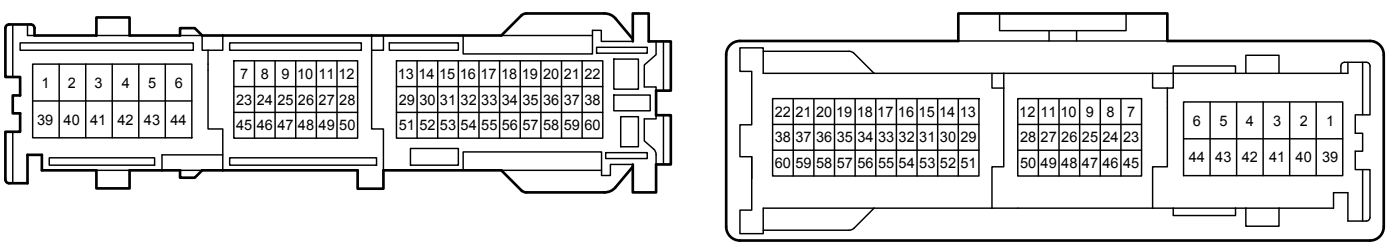
EA4
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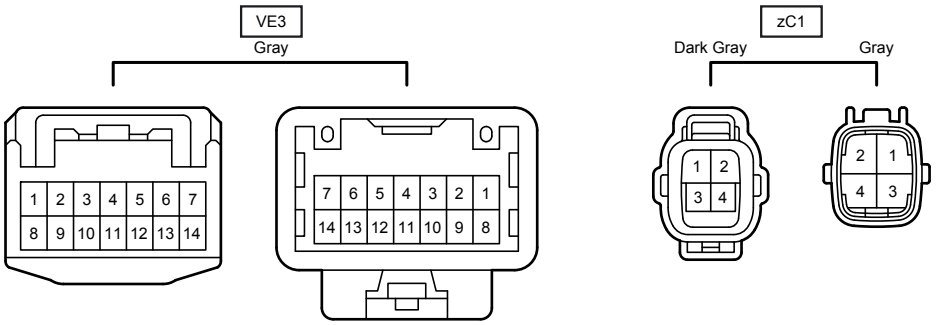


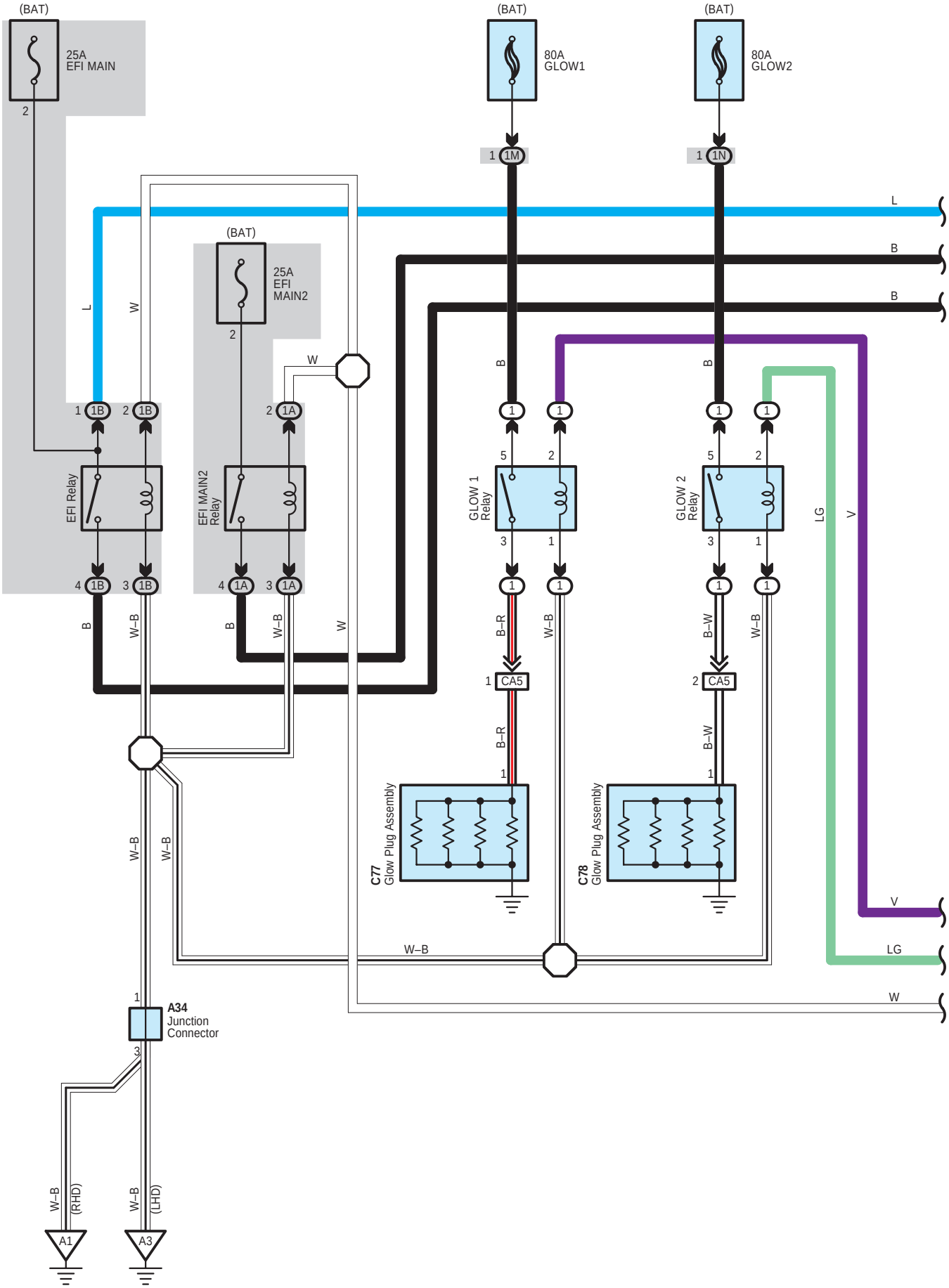
FE4
White

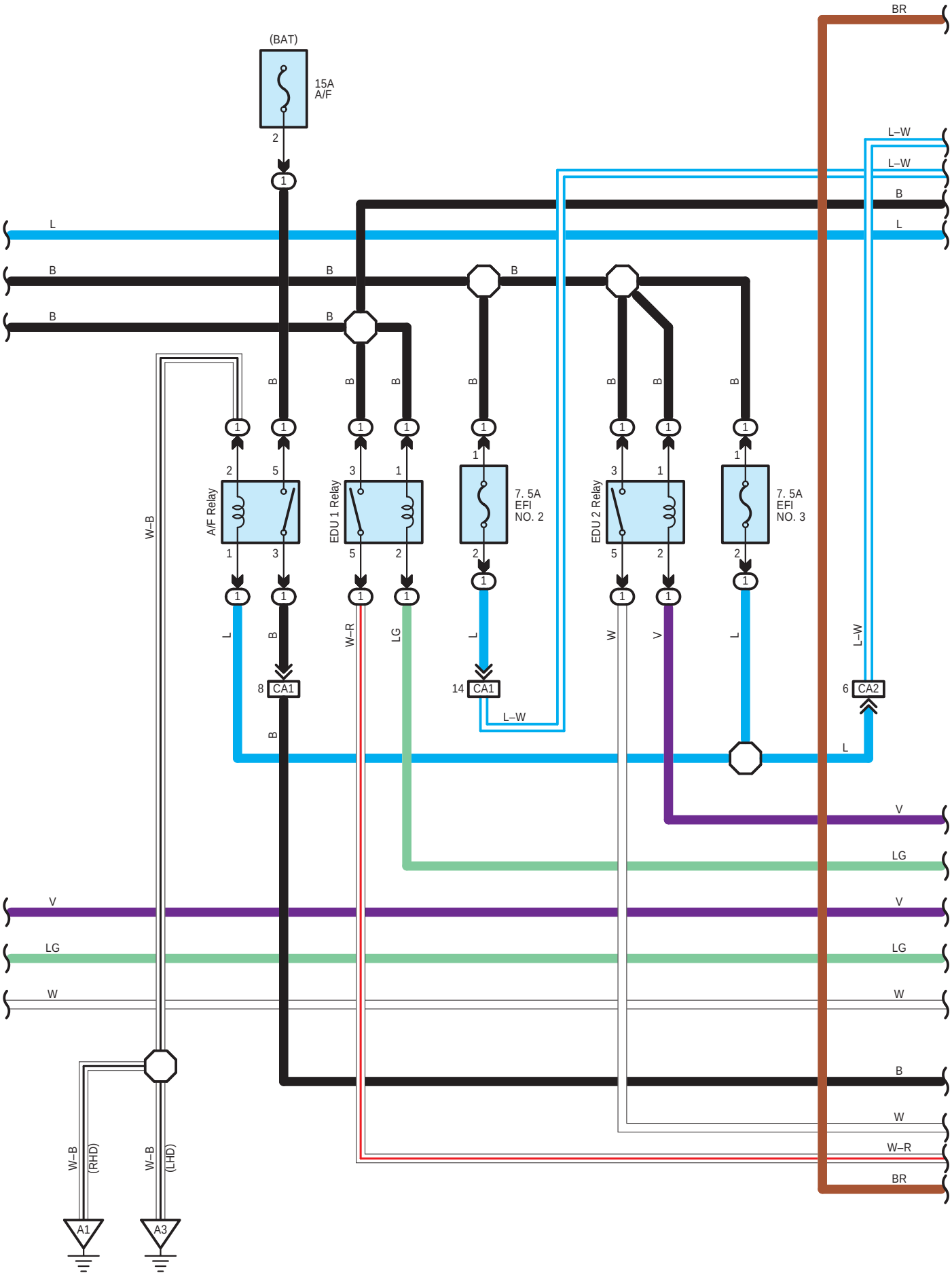


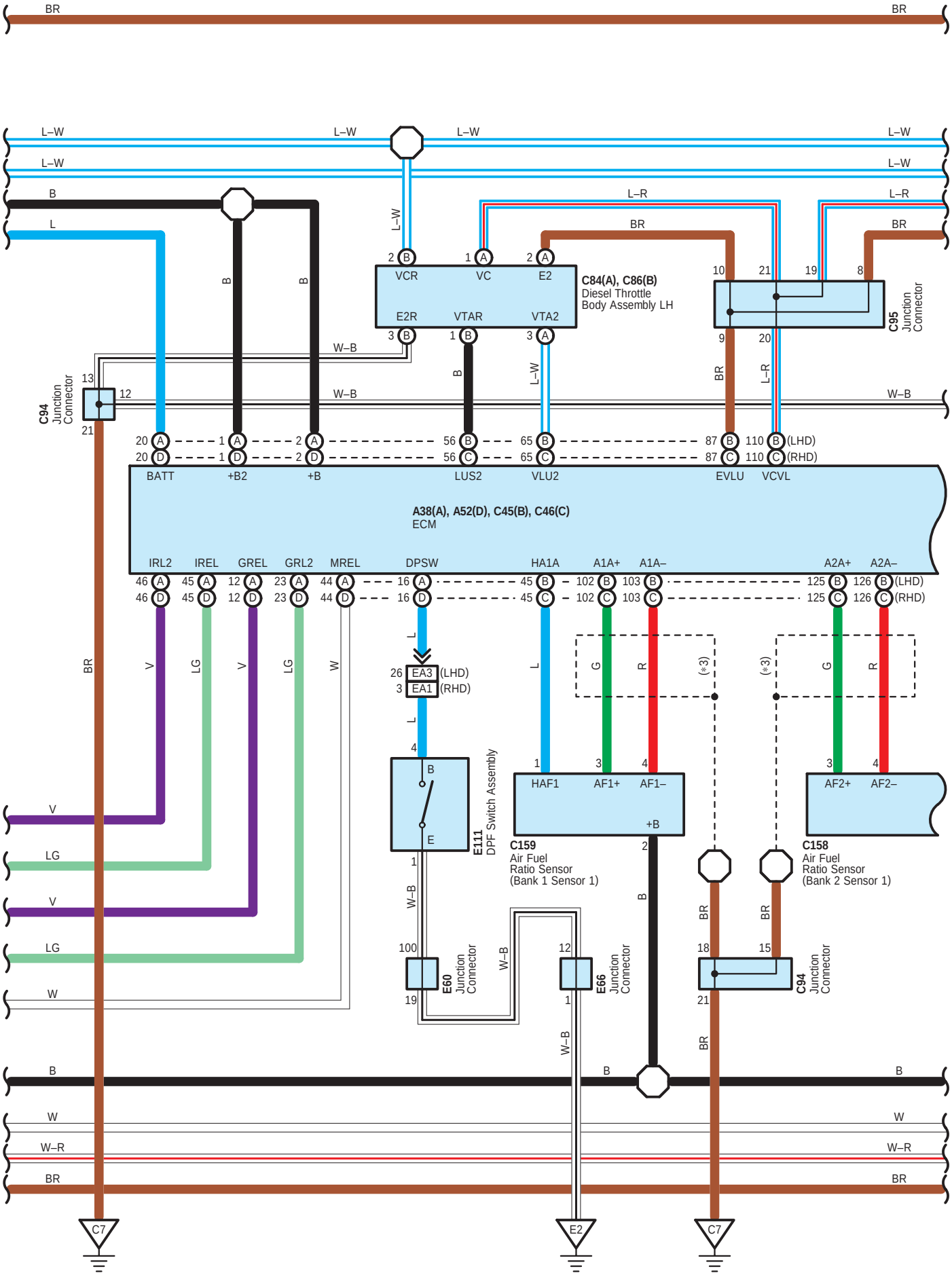
NK1
White

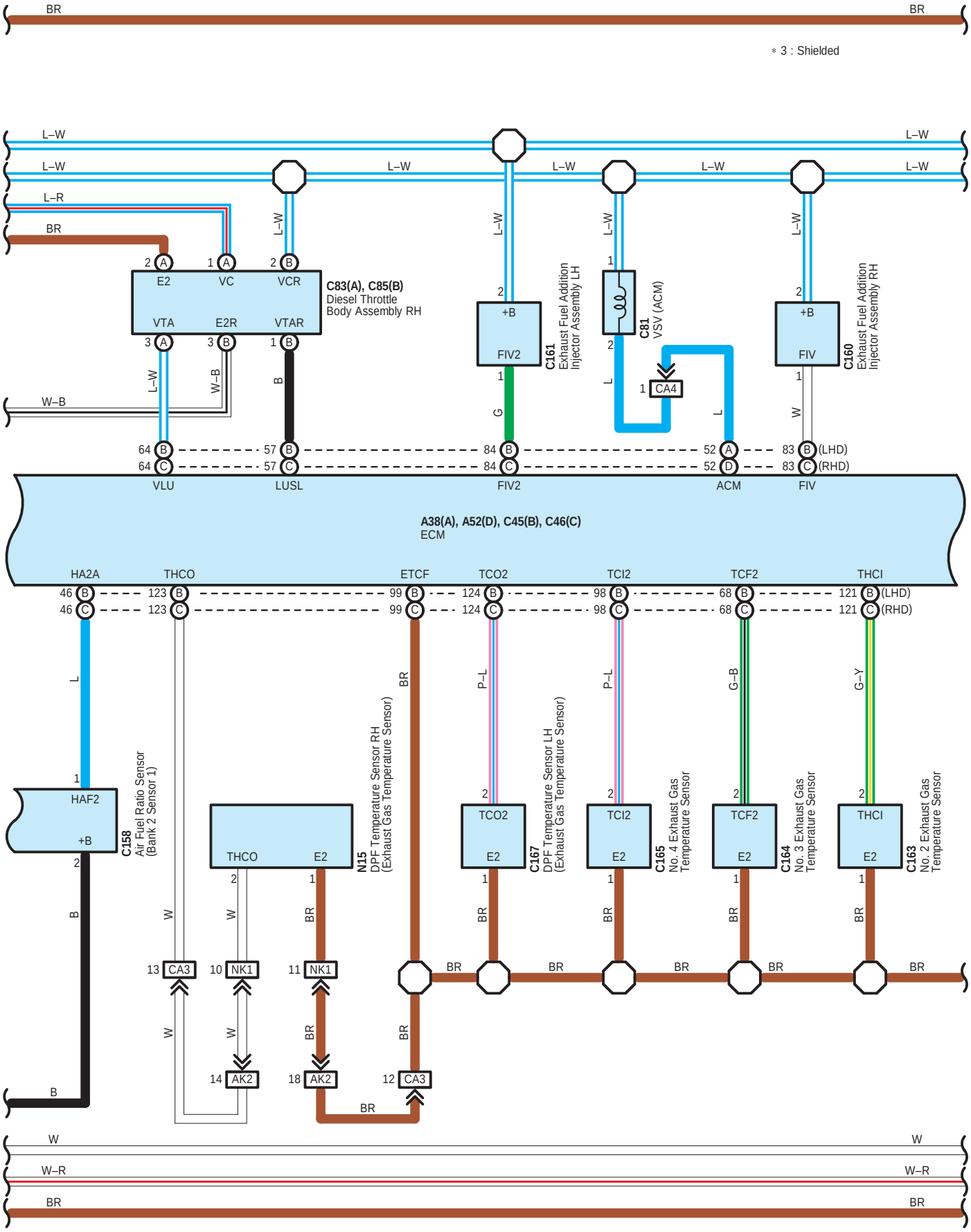


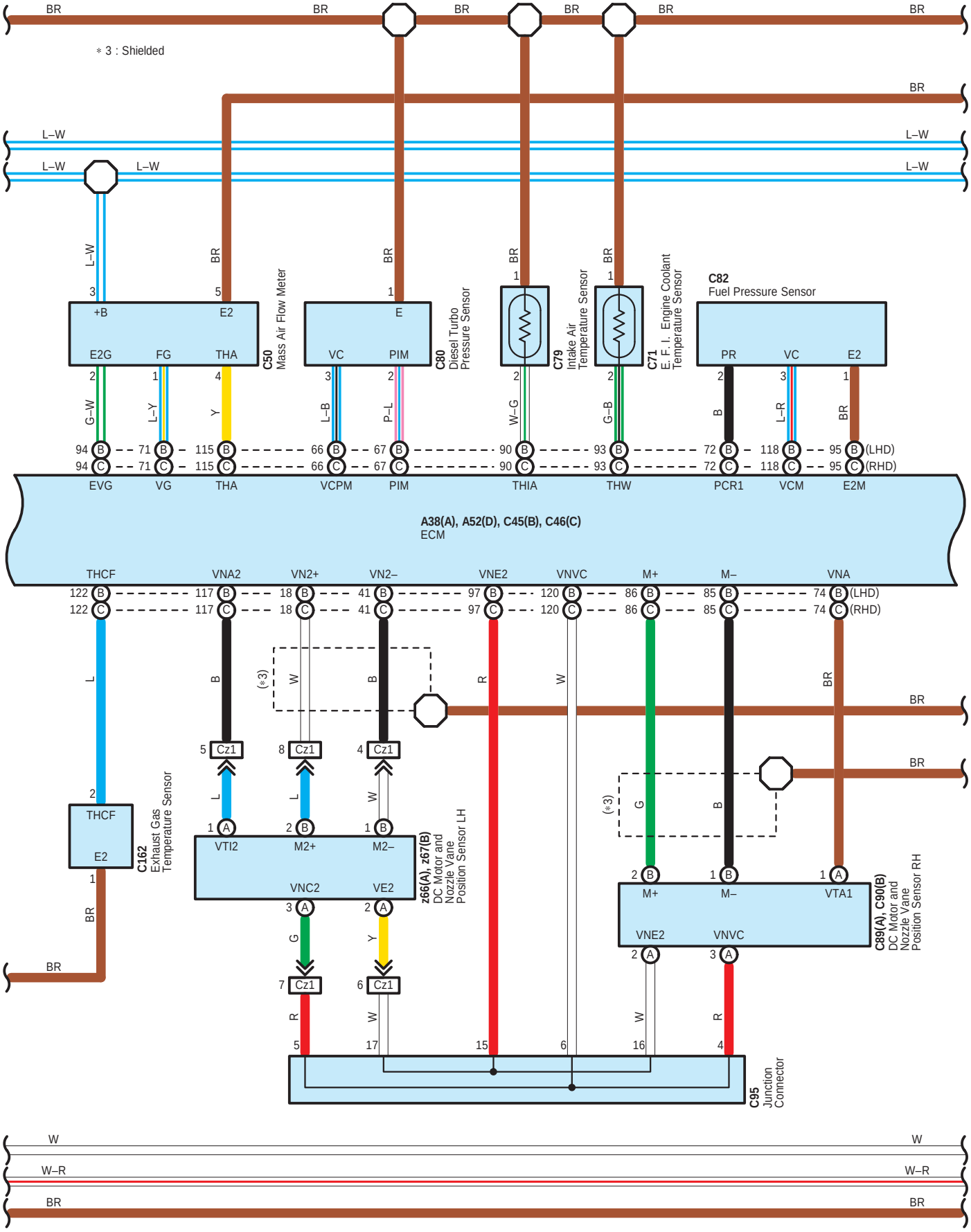

VE3
Gray
1 2 3 4 5 6 7
8 9 10 11 12 13 14
7 6 5 4 3 2 1
14 13 12 11 10 9 8
zC1
Dark Gray
Gray
1 2
3 4
2 1
4 3

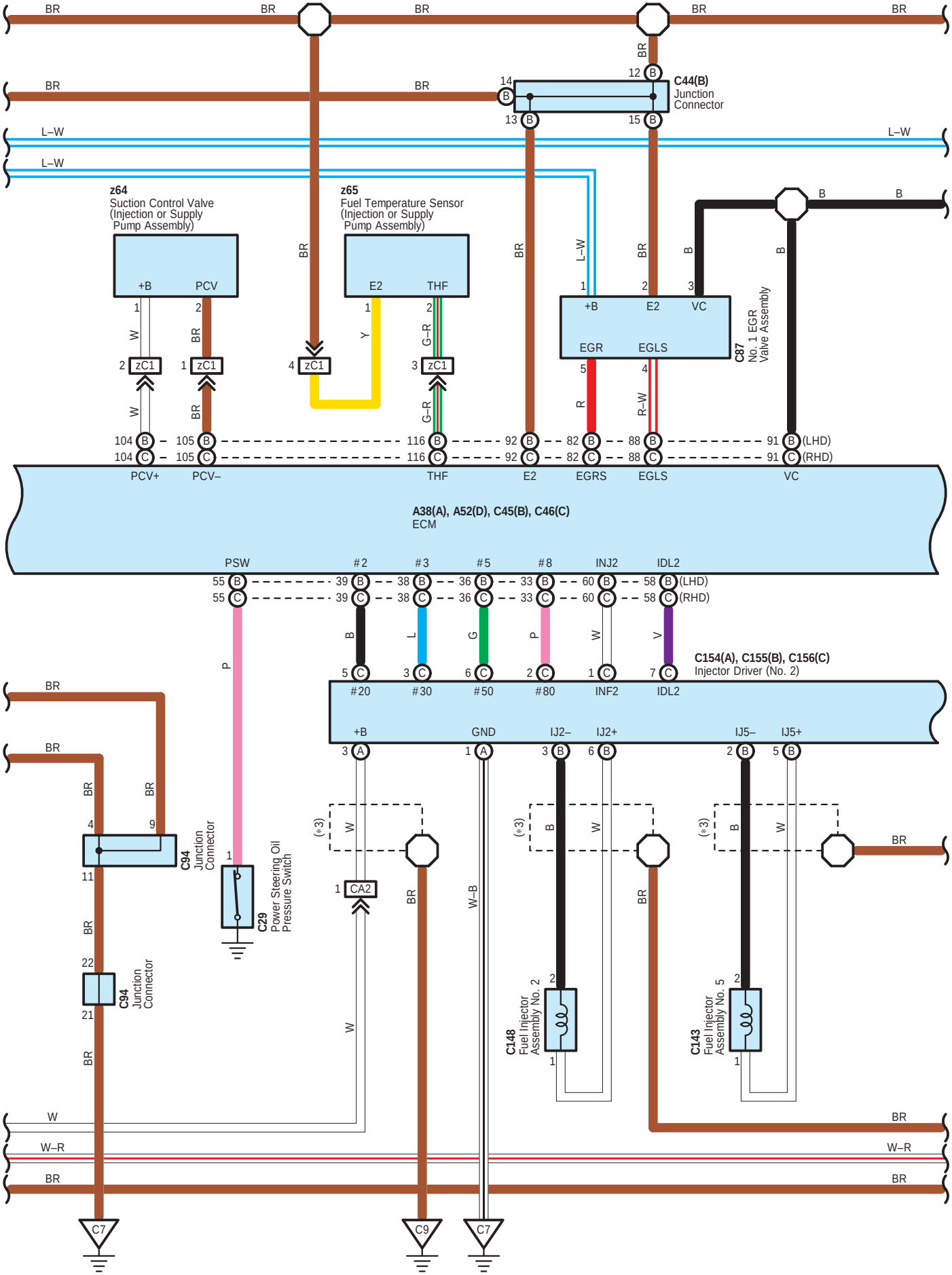

(BAT)
25A
EFI MAIN
2
(BAT)
80A
GLOW1
1 1M
(BAT)
80A
GLOW2
1 1N
L
B
B
(BAT)
25A
EFI
MAIN2
2
L
W
W
1 1B
2 1B
2 1A
EFI Relay
EFI MAIN2
Relay
4 1B
3 1B
4 1A
3 1A
B
W–B
B
W–B
W
B
B
GLOW 1
Relay
GLOW 2
Relay
5
2
3
1
B–R
W–B
B–W
W–B
1 CA5
2 CA5
B–R
B–W
C77
Glow Plug Assembly
C78
Glow Plug Assembly
LG
V
V
LG
W–B
W
W–B
W–B
1
A34
Junction
Connector
3
W–B
(RHD)
W–B
(LHD)
A1
A3

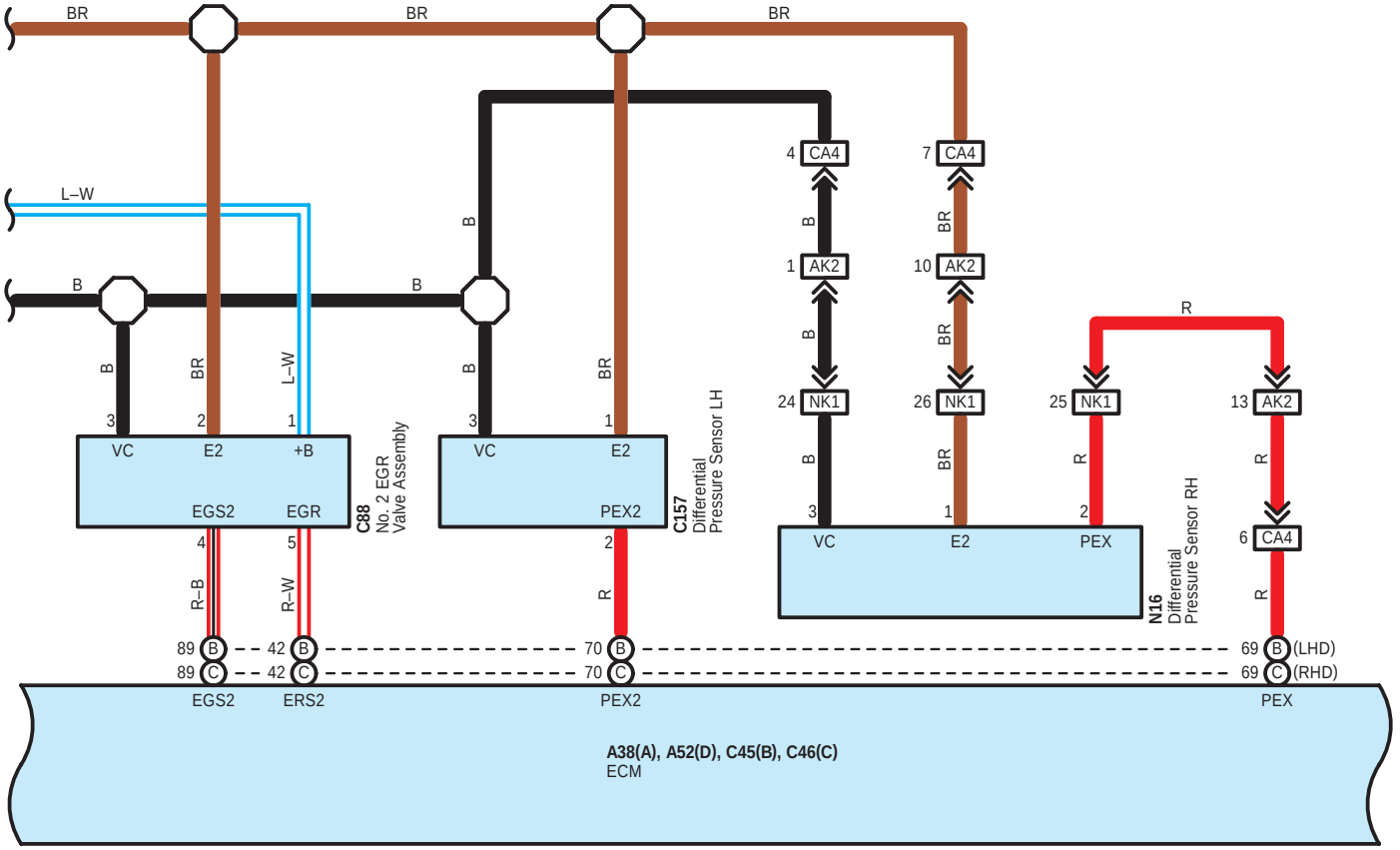

(BAT)
15A
A/F
2
1
BR
L–W
L–W
B
L
L
B
B
B

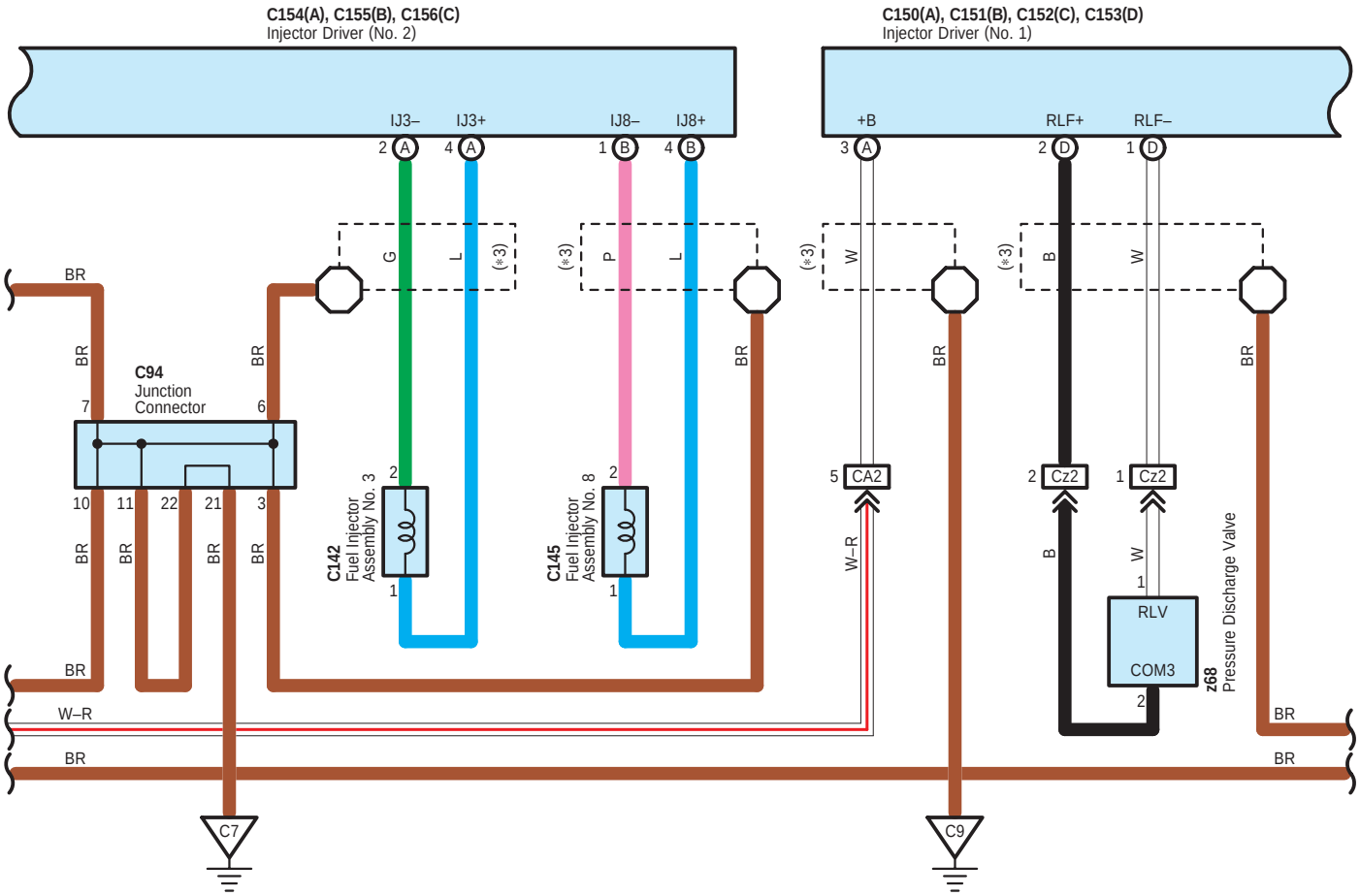

BR
BR
L–W
L–W
L–W
L–W
L–W
L–W
B
L
L–R
L–R
BR
BR
B
B
L–W
2 B VCR
1 A VC
2 A E2
C84(A), C86(B)
Diesel Throttle
Body Assembly LH
E2R
VTAR
VTA2
3 B
1 B
3 A
10
21
19
8
C95
Junction
Connector
9
20
W–B
W–B
B
L–W
BR
L–R
W–B
C94
Junction
Connector
13
12
21
20 A
20 D
1 A
1 D
2 A
2 D
56 B
56 C
65 B
65 C
87 B
87 C
110 B (LHD)
110 C (RHD)
BATT
+B2
+B
LUS2
VLU2
EVLU
VCVL
A38(A), A52(D), C45(B), C46(C)
ECM
IRL2
IREL
GREL
GRL2
MREL
DPSW
HA1A
A1A+
A1A–
A2A+
A2A–
46 A
46 D
45 A
45 D
12 A
12 D
23 A
23 D
44 A
44 D
16 A
16 D
45 B
45 C
102 B
102 C
103 B
103 C
125 B
125 C
126 B (LHD)
126 C (RHD)
BR
V
LG
V
LG
W
L
26 EA3 (LHD)
3 EA1 (RHD)
L
4
B
E
1
E111
DPF Switch Assembly
L
G
R
(*3)
(*3)
G
R
1
3
4
HAF1
AF1+
AF1–
+B
2
B
C159
Air Fuel
Ratio Sensor
(Bank 1 Sensor 1)
3
4
AF2+
AF2–
C158
Air Fuel
Ratio Sensor
(Bank 2 Sensor 1)
V
LG
V
LG
W
W–B
100
19
E60
Junction
Connector
W–B
12
1
E66
Junction
Connector
W–B
BR
BR
18
15
21
C94
Junction
Connector
BR
B
B
B
W
W–R
BR
W
W–R
BR
C7
E2
C7

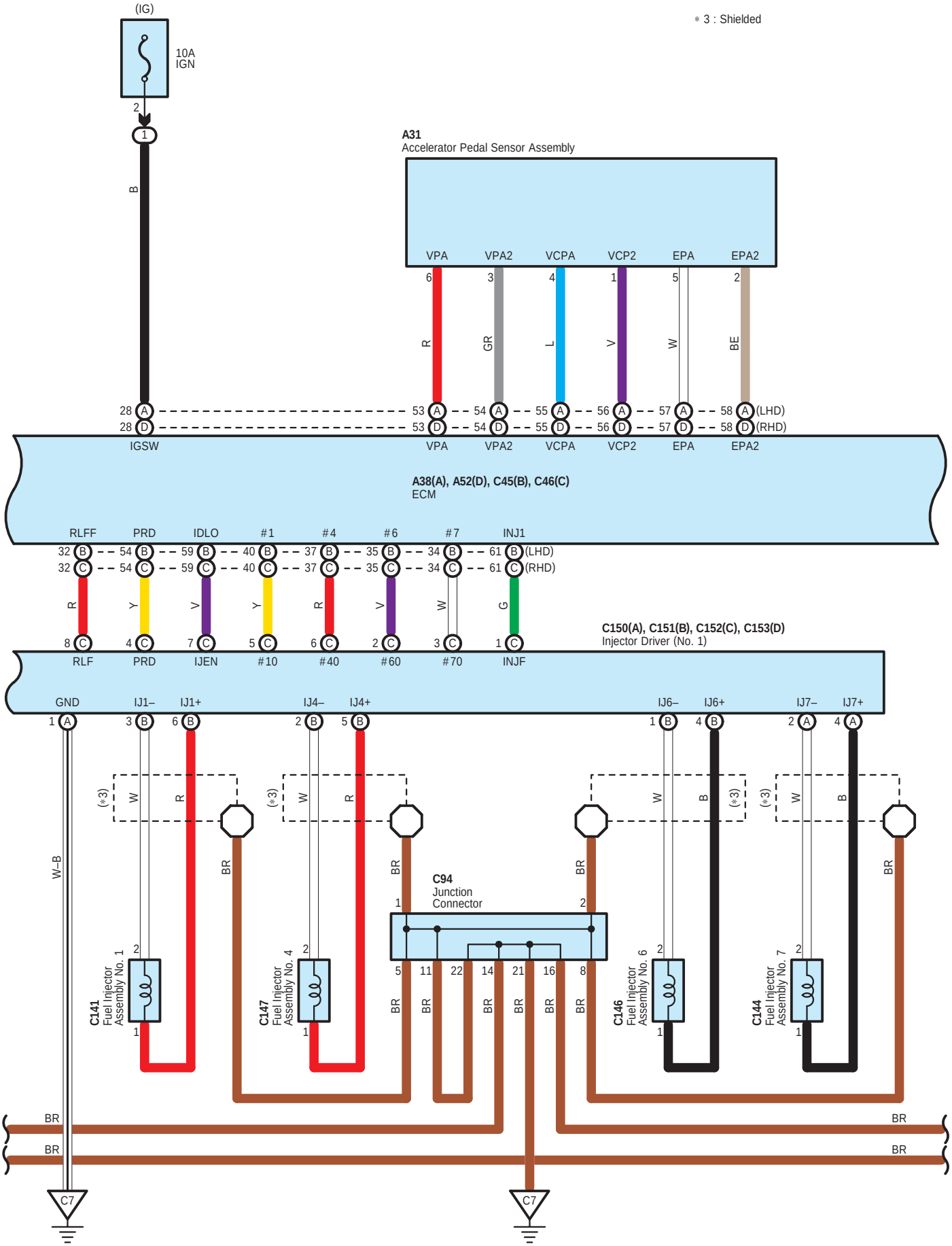

BR
BR
* 3 : Shielded
L–W
L–R
W–B
C83(A), C85(B)
Diesel Throttle Body Assembly RH
E2
VC
VCR
VTA
E2R
VTAR
C161
Exhaust Fuel Addition Injector Assembly LH
+B
FIV2
C81
VSV (ACM)
CA4
C160
Exhaust Fuel Addition Injector Assembly RH
FIV
VLU
LUSL
ACM
(LHD)
(RHD)
A38(A), A52(D), C45(B), C46(C)
ECM
HA2A
THCO
ETCF
TCO2
TCI2
TCF2
THCI
C158
Air Fuel Ratio Sensor (Bank 2 Sensor 1)
HAF2
N15
DPF Temperature Sensor RH (Exhaust Gas Temperature Sensor)
C167
DPF Temperature Sensor LH (Exhaust Gas Temperature Sensor)
C165
No. 4 Exhaust Gas Temperature Sensor
C164
No. 3 Exhaust Gas Temperature Sensor
C163
No. 2 Exhaust Gas Temperature Sensor
CA3
NK1
AK2
W
W–R
BR

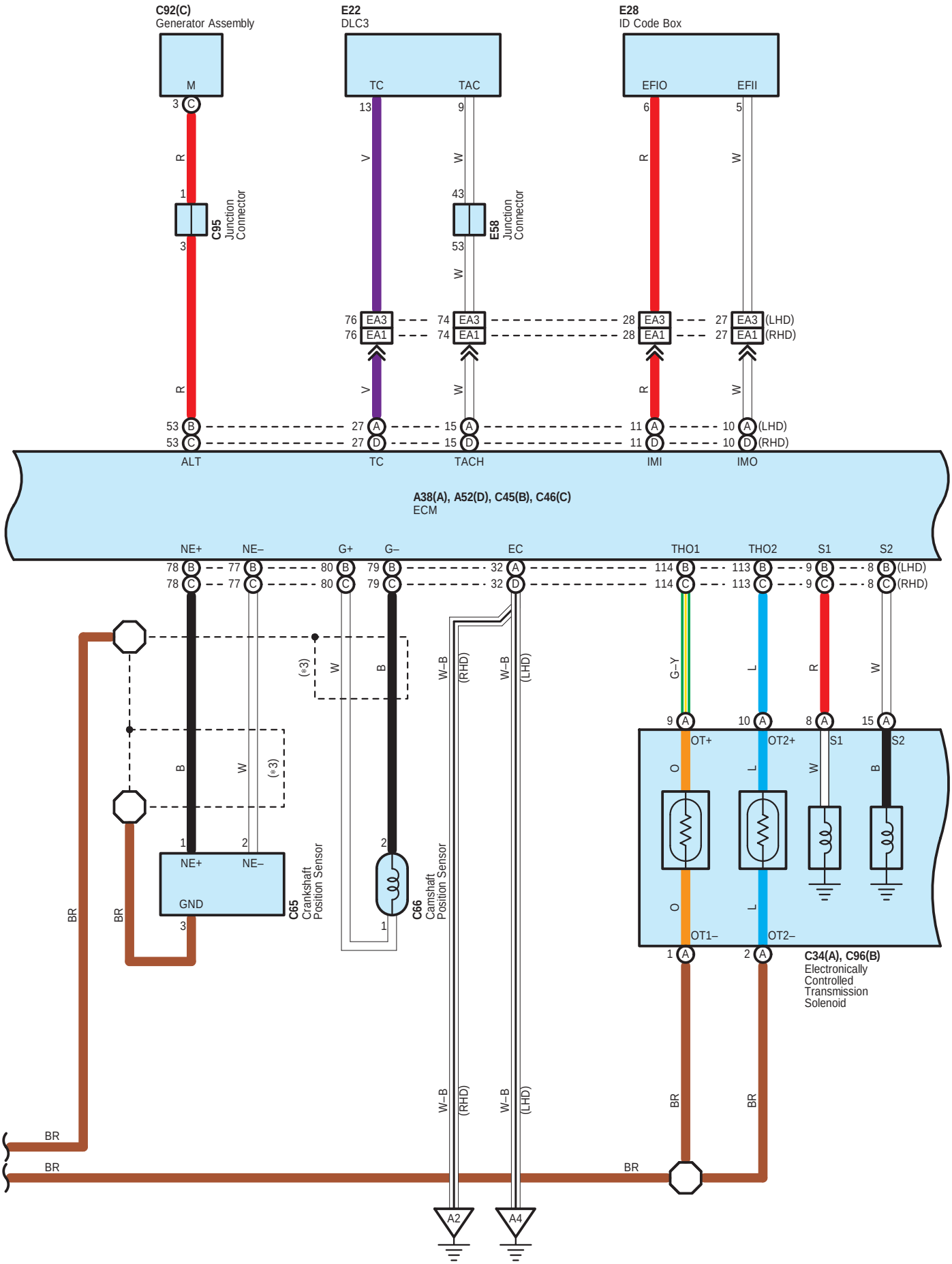

* 3 : Shielded
C50 Mass Air Flow Meter
C80 Diesel Turbo Pressure Sensor
C79 Intake Air Temperature Sensor
C71 E. F. I. Engine Coolant Temperature Sensor
C82 Fuel Pressure Sensor
A38(A), A52(D), C45(B), C46(C) ECM
C162 Exhaust Gas Temperature Sensor
z66(A), z67(B) DC Motor and Nozzle Vane Position Sensor LH
C89(A), C90(B) DC Motor and Nozzle Vane Position Sensor RH
C95 Junction Connector

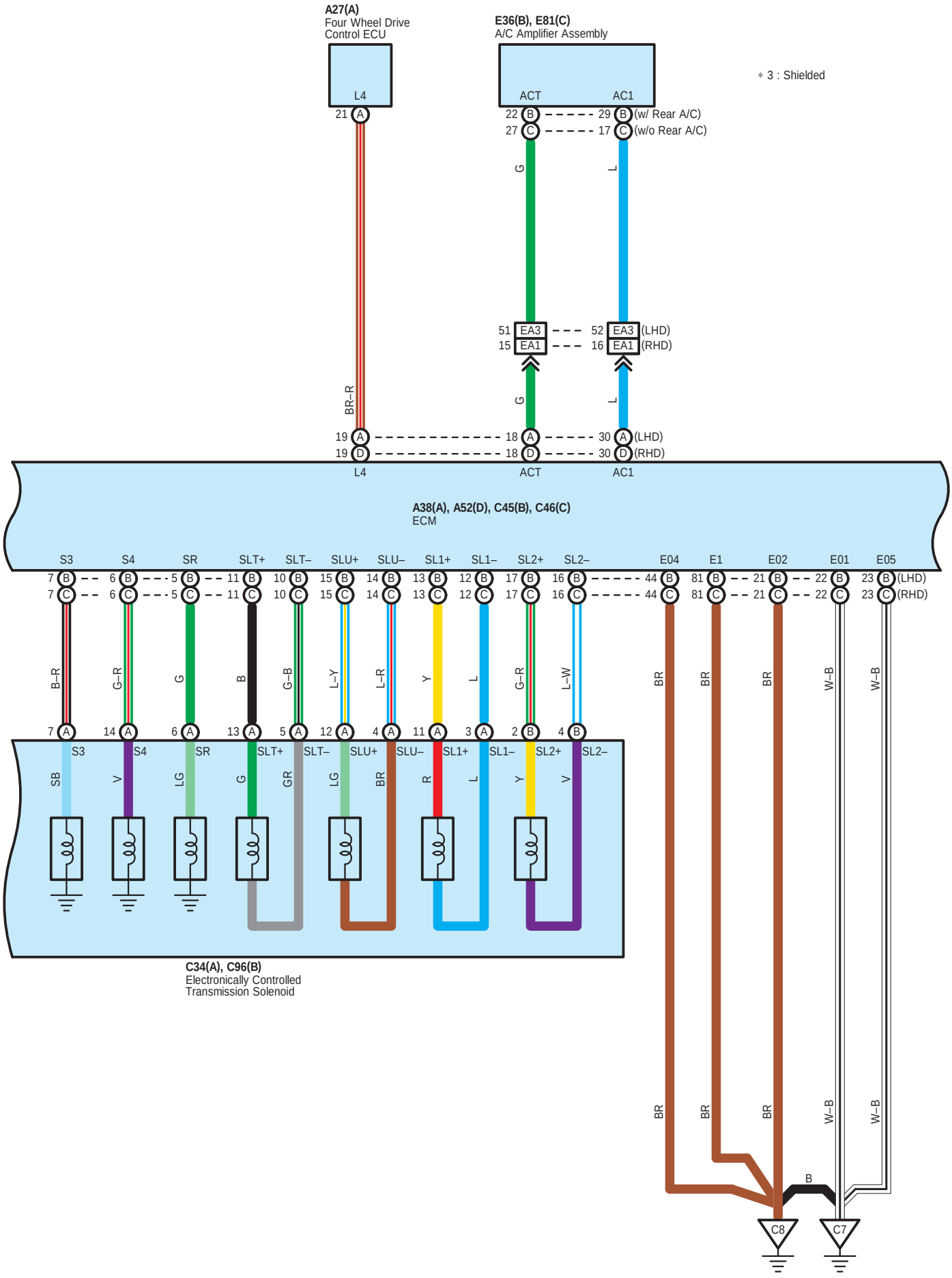

BR
L–W
C44(B)
Junction Connector
z64
Suction Control Valve (Injection or Supply Pump Assembly)
+B
PCV
z65
Fuel Temperature Sensor (Injection or Supply Pump Assembly)
E2
THF
C87
No. 1 EGR Valve Assembly
+B
E2
VC
EGR
EGLS
zC1
PCV+
PCV–
THF
E2
EGRS
EGLS
VC
(LHD)
(RHD)
A38(A), A52(D), C45(B), C46(C)
ECM
PSW
#2
#3
#5
#8
INJ2
IDL2
C154(A), C155(B), C156(C)
Injector Driver (No. 2)
#20
#30
#50
#80
INF2
IDL2
+B
GND
IJ2–
IJ2+
IJ5–
IJ5+
C94
Junction Connector
C29
Power Steering Oil Pressure Switch
CA2
C148
Fuel Injector Assembly No. 2
C143
Fuel Injector Assembly No. 5
W
W–R
W–B
C7
C9

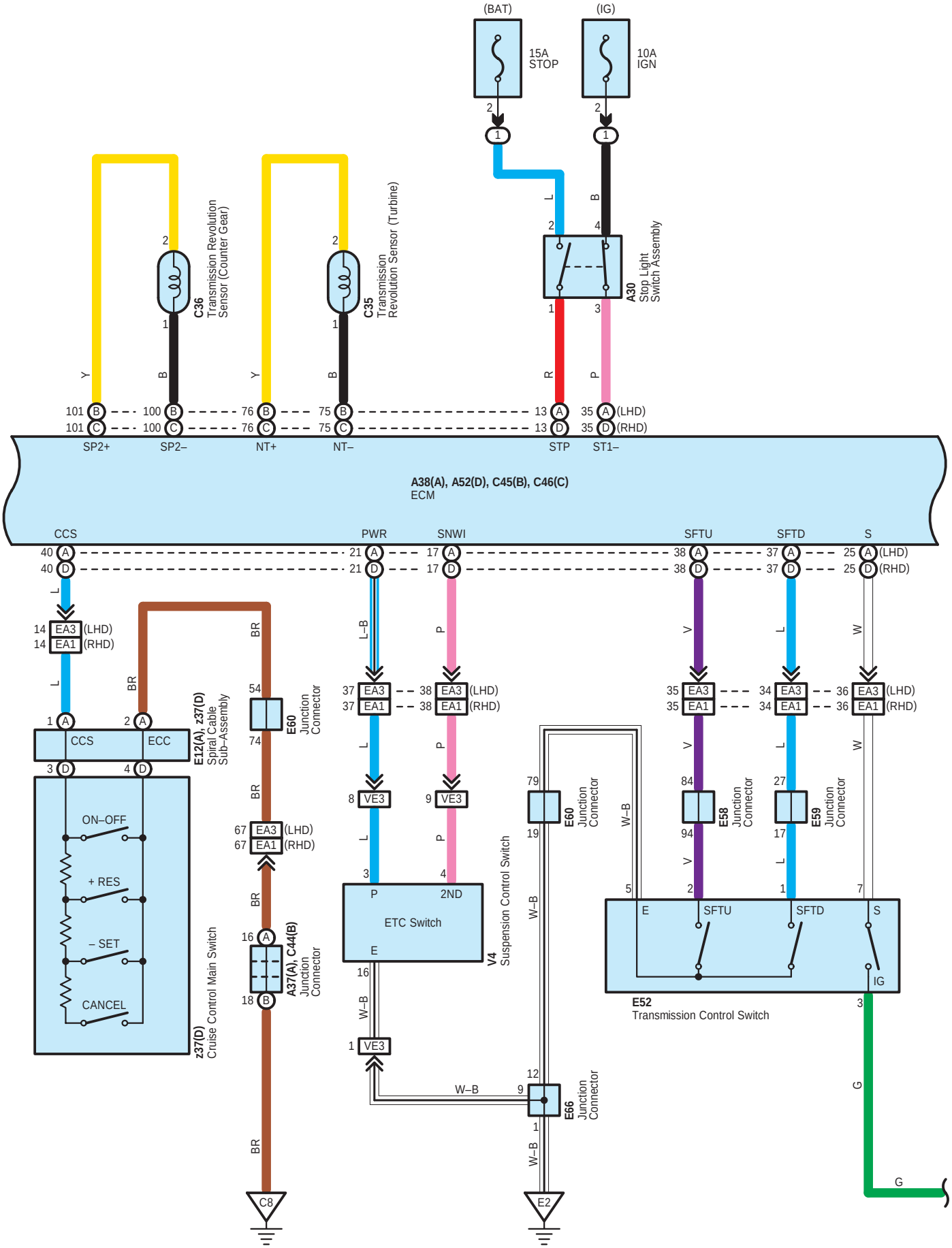

BR
BR
BR
L–W
B
B
B
B
B
BR
L–W
BR
4 CA4
7 CA4
1 AK2
10 AK2
24 NK1
26 NK1
25 NK1
13 AK2
6 CA4
R
3 2 1
VC E2 +B
EGS2 EGR
C88 No. 2 EGR Valve Assembly
3 1
VC E2
PEX2
C157 Differential Pressure Sensor LH
3 1 2
VC E2 PEX
N16 Differential Pressure Sensor RH
4 5 2
R–B R–W R
89 B 42 B 70 B 69 B (LHD)
89 C 42 C 70 C 69 C (RHD)
EGS2 ERS2 PEX2 PEX
A38(A), A52(D), C45(B), C46(C)
ECM

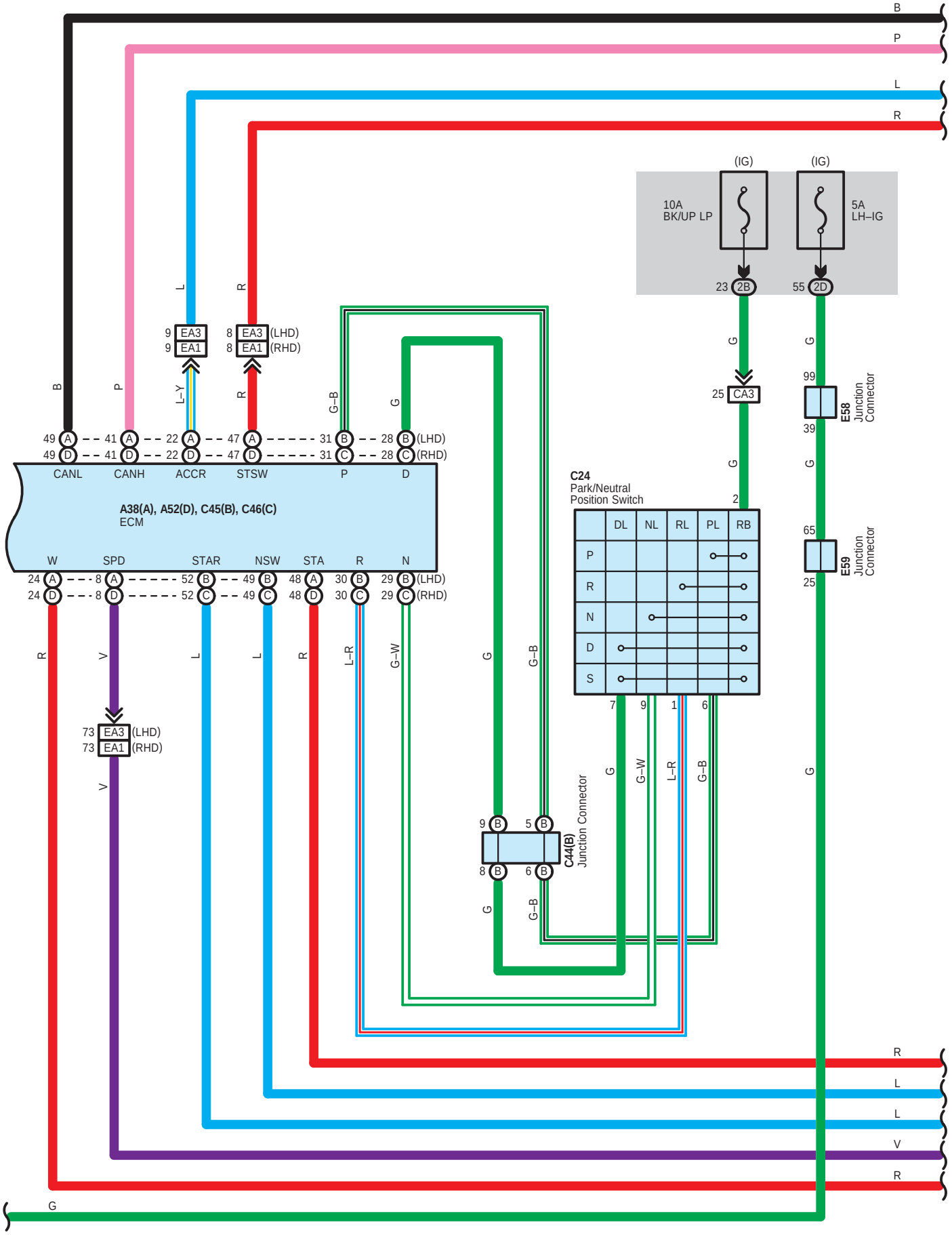

C154(A), C155(B), C156(C)
Injector Driver (No. 2)
C150(A), C151(B), C152(C), C153(D)
Injector Driver (No. 1)
IJ3– IJ3+ IJ8– IJ8+
+B RLF+ RLF–
2 A 4 A 1 B 4 B
3 A 2 D 1 D
G L P W B W
(*3)
BR
C94
Junction Connector
7 6
10 11 22 21 3
C142 Fuel Injector Assembly No. 3
C145 Fuel Injector Assembly No. 8
5 CA2
W–R
2 Cz2 1 Cz2
RLV
COM3
z68 Pressure Discharge Valve
W–R
C7
C9

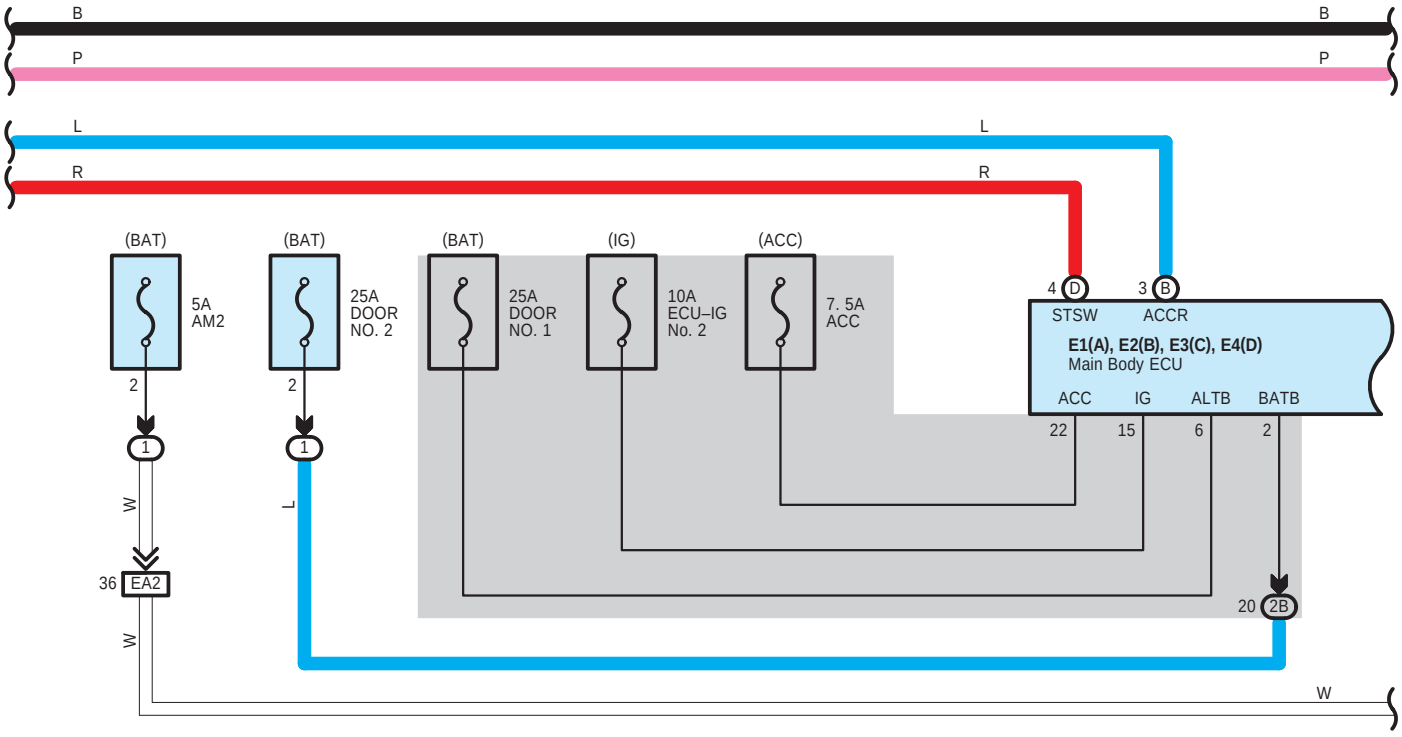

(IG)
10A
IGN
2
1
B
* 3 : Shielded
A31
Accelerator Pedal Sensor Assembly
VPA
VPA2
VCPA
VCP2
EPA
EPA2
6
3
4
1
5
2
R
GR
L
V
W
BE
28 A
28 D
53 A
53 D
54 A
54 D
55 A
55 D
56 A
56 D
57 A
57 D
58 A (LHD)
58 D (RHD)
IGSW
VPA
VPA2
VCPA
VCP2
EPA
EPA2
A38(A), A52(D), C45(B), C46(C)
ECM
RLFF
PRD
IDLO
#1
#4
#6
#7
INJ1
32 B
32 C
54 B
54 C
59 B
59 C
40 B
40 C
37 B
37 C
35 B
35 C
34 B
34 C
61 B (LHD)
61 C (RHD)
R
Y
V
Y
R
V
W
G
8 C
4 C
7 C
5 C
6 C
2 C
3 C
1 C
RLF
PRD
IJEN
#10
#40
#60
#70
INJF
C150(A), C151(B), C152(C), C153(D)
Injector Driver (No. 1)
GND
IJ1–
IJ1+
IJ4–
IJ4+
IJ6–
IJ6+
IJ7–
IJ7+
1 A
3 B
6 B
2 B
5 B
1 B
4 B
2 A
4 A
(*3)
W
R
B
BR
W–B
C94
Junction
Connector
1
2
5
11
22
14
21
16
8
C141
Fuel Injector
Assembly No. 1
C147
Fuel Injector
Assembly No. 4
C146
Fuel Injector
Assembly No. 6
C144
Fuel Injector
Assembly No. 7
BR
BR
BR
BR
C7
C7

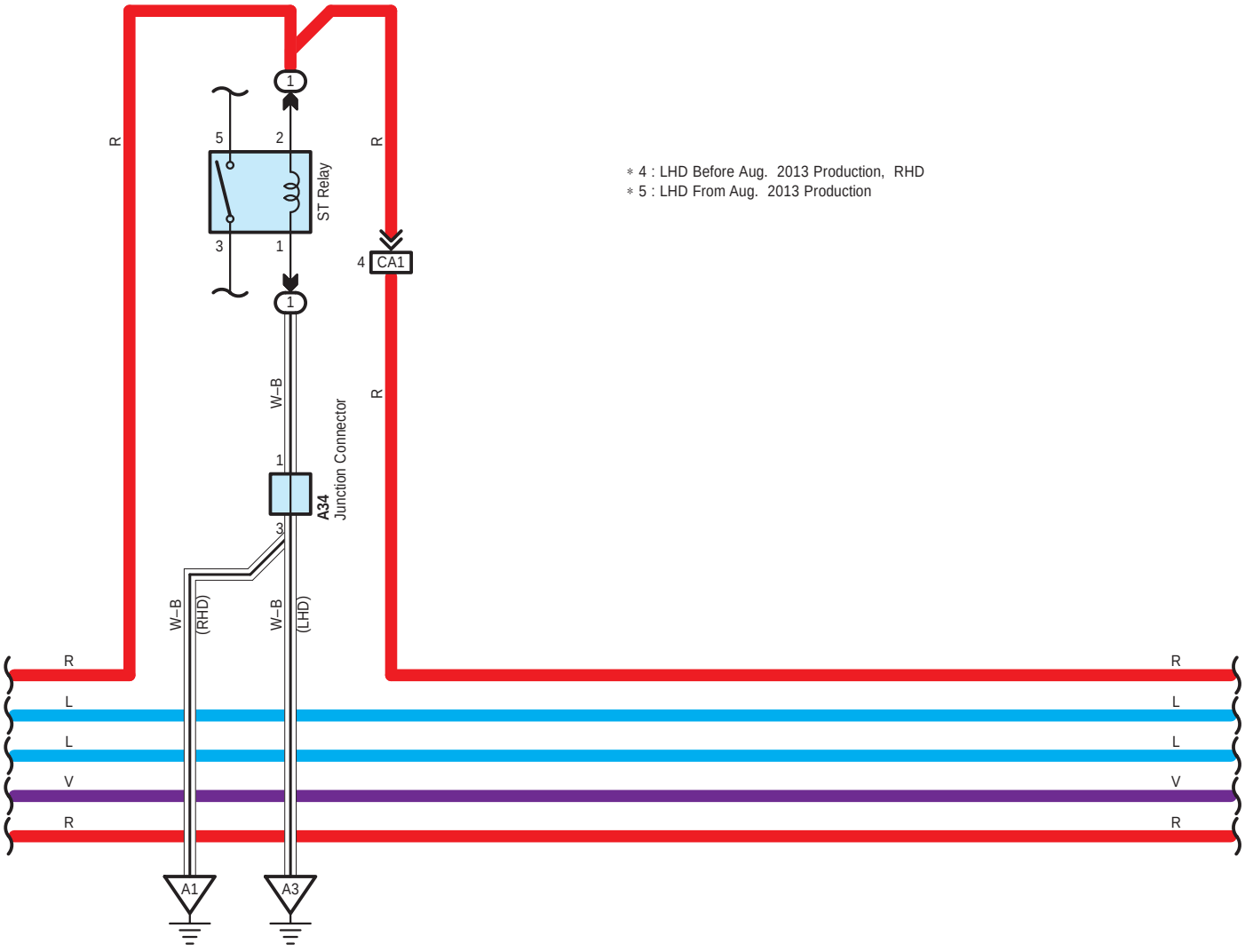

C92(C)
Generator Assembly
M
3 C
R
1
C95
Junction Connector
3
R
53 B
53 C
ALT
E22
DLC3
TC
TAC
13
V
9
W
43
E58
Junction Connector
53
W
76 EA3
76 EA1
74 EA3
74 EA1
V
W
27 A
27 D
TC
15 A
15 D
TACH
E28
ID Code Box
EFIO
EFII
6
R
5
W
28 EA3
28 EA1
27 EA3 (LHD)
27 EA1 (RHD)
R
W
11 A
11 D
IMI
10 A (LHD)
10 D (RHD)
IMO
A38(A), A52(D), C45(B), C46(C)
ECM
NE+
NE–
G+
G–
EC
THO1
THO2
S1
S2
78 B
78 C
77 B
77 C
80 B
80 C
79 B
79 C
32 A
32 D
114 B
114 C
113 B
113 C
9 B
9 C
8 B (LHD)
8 C (RHD)
(*3)
W
B
W–B
(RHD)
W–B
(LHD)
G–Y
L
R
W
9 A
10 A
8 A
15 A
OT+
OT2+
S1
S2
O
L
W
B
B
W
(*3)
1
2
NE+
NE–
GND
3
C65
Crankshaft Position Sensor
2
1
C66
Camshaft Position Sensor
O
L
OT1–
OT2–
1 A
2 A
C34(A), C96(B)
Electronically Controlled Transmission Solenoid
BR
BR
BR
BR
BR
BR
BR
W–B
(RHD)
W–B
(LHD)
A2
A4


A27(A)
Four Wheel Drive Control ECU
L4
21 A
BR–R
19 A
19 D
L4
E36(B), E81(C)
A/C Amplifier Assembly
ACT
AC1
22 B
27 C
29 B (w/ Rear A/C)
17 C (w/o Rear A/C)
G
L
51 EA3
15 EA1
52 EA3 (LHD)
16 EA1 (RHD)
G
L
18 A
18 D
30 A (LHD)
30 D (RHD)
ACT
AC1
* 3 : Shielded
A38(A), A52(D), C45(B), C46(C)
ECM
S3
S4
SR
SLT+
SLT–
SLU+
SLU–
SL1+
SL1–
SL2+
SL2–
E04
E1
E02
E01
E05
7 B
7 C
6 B
6 C
5 B
5 C
11 B
11 C
10 B
10 C
15 B
15 C
14 B
14 C
13 B
13 C
12 B
12 C
17 B
17 C
16 B
16 C
44 B
44 C
81 B
81 C
21 B
21 C
22 B
22 C
23 B (LHD)
23 C (RHD)
B–R
G–R
G
B
G–B
L–Y
L–R
Y
L
G–R
L–W
BR
BR
BR
W–B
W–B
7 A
14 A
6 A
13 A
5 A
12 A
4 A
11 A
3 A
2 B
4 B
S3
S4
SR
SLT+
SLT–
SLU+
SLU–
SL1+
SL1–
SL2+
SL2–
SB
V
LG
G
GR
LG
BR
R
L
Y
V
C34(A), C96(B)
Electronically Controlled Transmission Solenoid
BR
BR
BR
W–B
W–B
BR
BR
BR
W–B
W–B
B
C8
C7

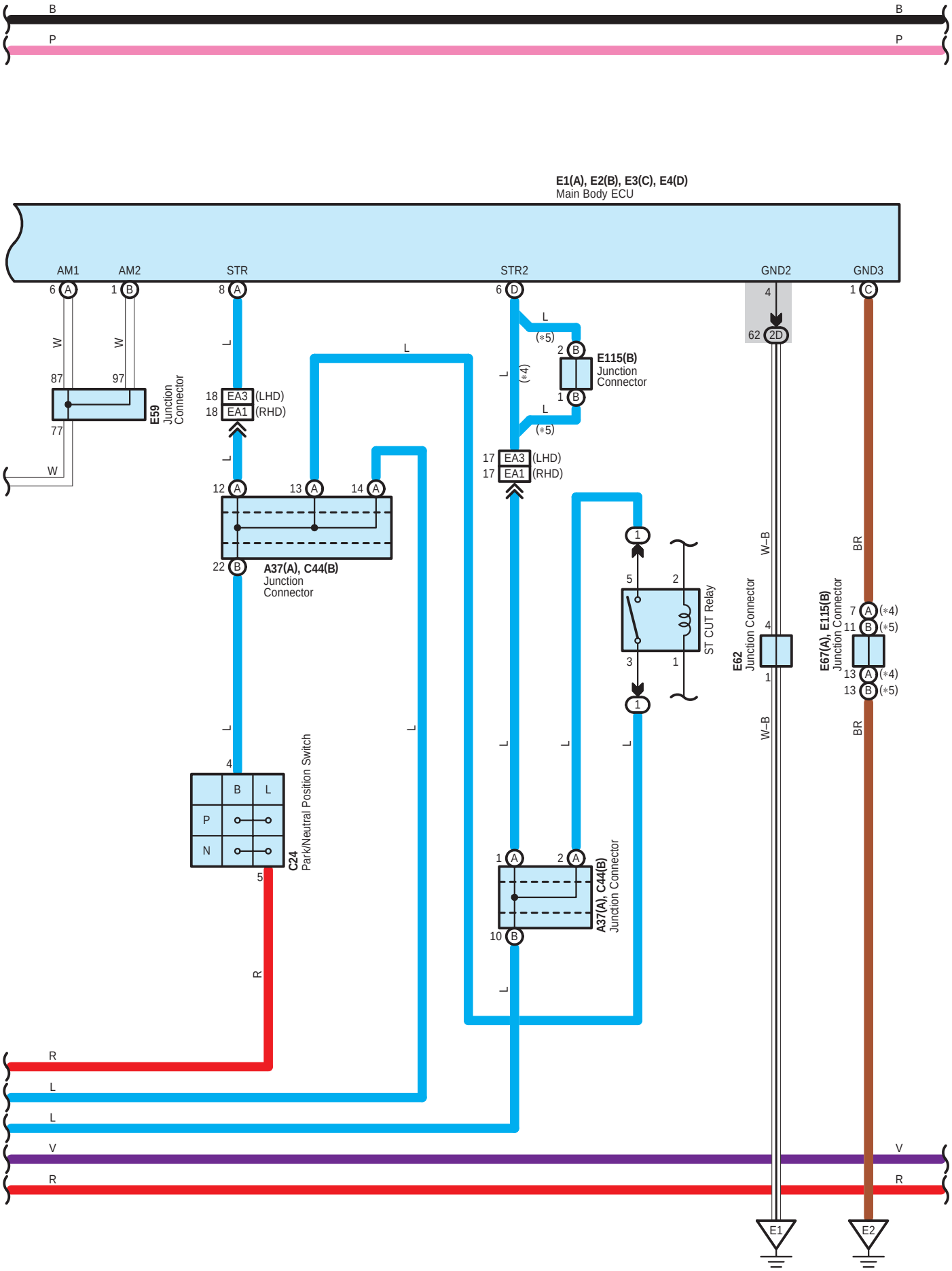

(BAT)
(IG)
15A STOP
10A IGN
C36 Transmission Revolution Sensor (Counter Gear)
C35 Transmission Revolution Sensor (Turbine)
A30 Stop Light Switch Assembly
SP2+
SP2–
NT+
NT–
STP
ST1–
A38(A), A52(D), C45(B), C46(C) ECM
CCS
PWR
SNWI
SFTU
SFTD
S
E12(A), z37(D) Spiral Cable Sub-Assembly
E60 Junction Connector
A37(A), C44(B) Junction Connector
z37(D) Cruise Control Main Switch
ON–OFF
+ RES
– SET
CANCEL
ETC Switch
V4 Suspension Control Switch
E58 Junction Connector
E59 Junction Connector
E52 Transmission Control Switch
E66 Junction Connector
C8
E2

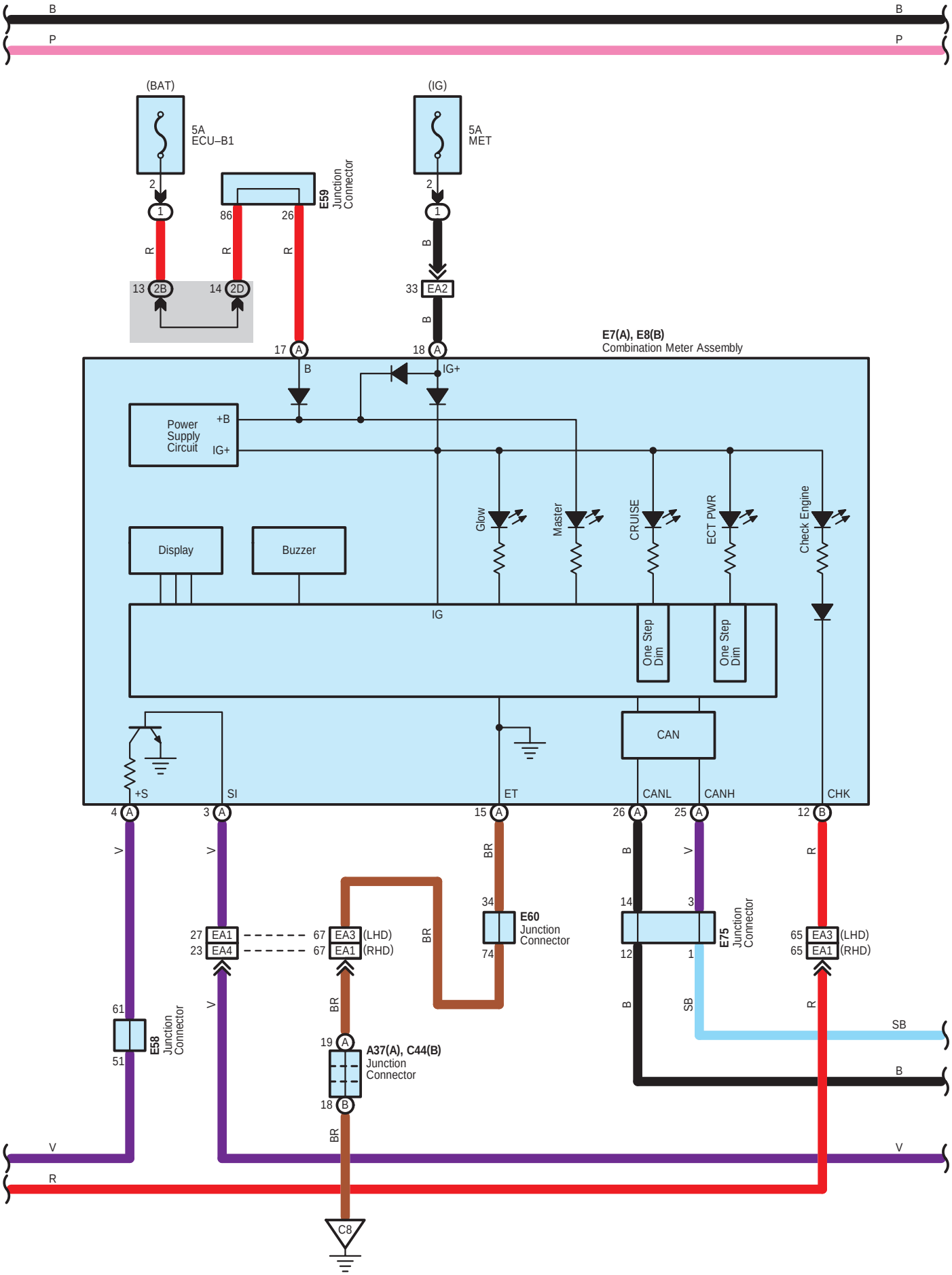

B
P
L
R
(IG)
(IG)
10A
BK/UP LP
5A
LH–IG
23 2B
55 2D
G
25 CA3
99
E58
Junction
Connector
39
65
E59
Junction
Connector
25
C24
Park/Neutral
Position Switch
DL
NL
RL
PL
RB
P
R
N
D
S
2
7
9
1
6
9 EA3
9 EA1
8 EA3 (LHD)
8 EA1 (RHD)
L
R
L–Y
G–B
49 A
49 D
41 A
41 D
22 A
22 D
47 A
47 D
31 B
31 C
28 B (LHD)
28 C (RHD)
CANL
CANH
ACCR
STSW
P
D
A38(A), A52(D), C45(B), C46(C)
ECM
W
SPD
STAR
NSW
STA
R
N
24 A
24 D
8 A
8 D
52 B
52 C
49 B
49 C
48 A
48 D
30 B
30 C
29 B (LHD)
29 C (RHD)
73 EA3 (LHD)
73 EA1 (RHD)
V
L–R
G–W
9 B
5 B
8 B
6 B
C44(B)
Junction Connector
G

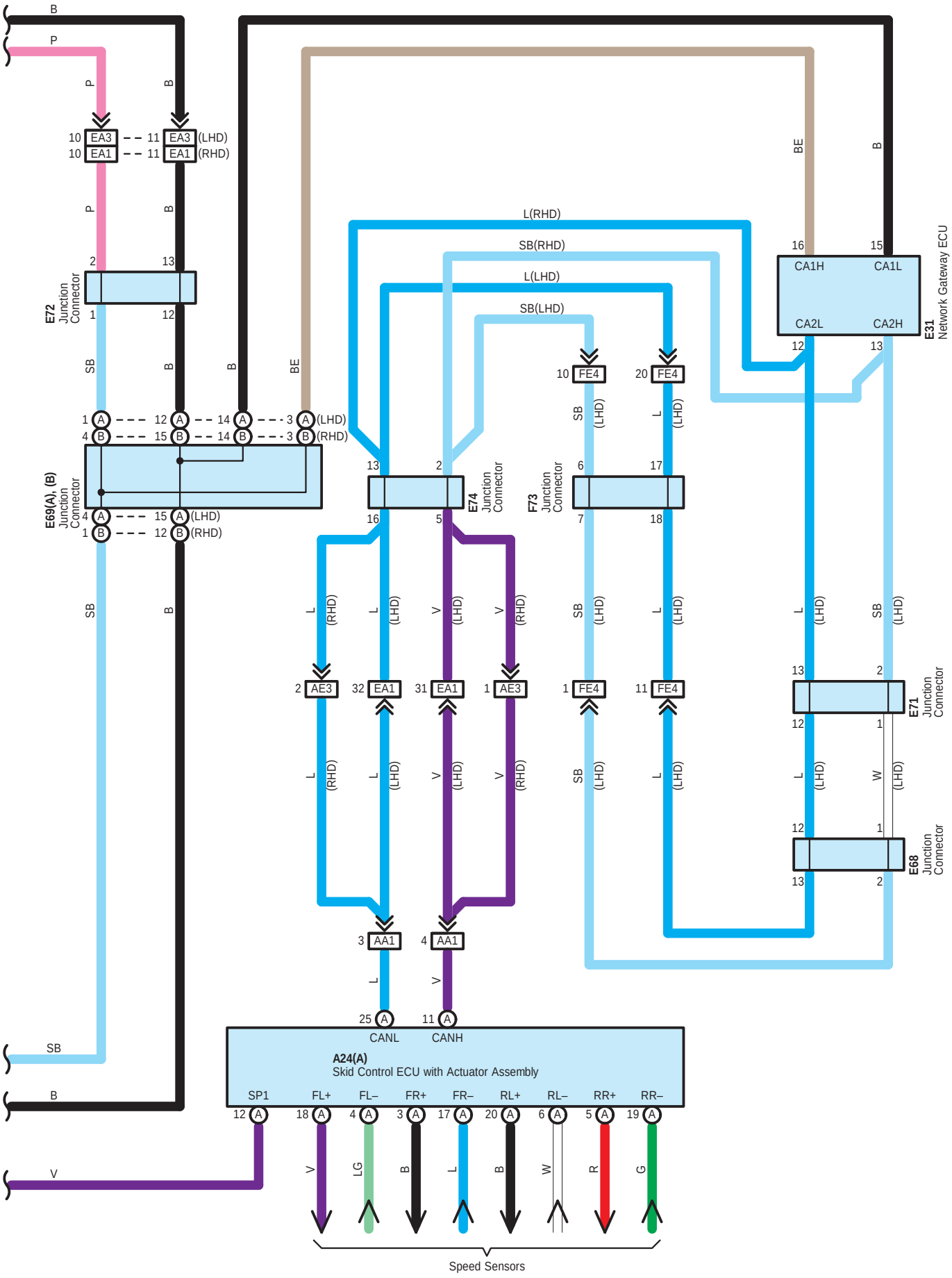




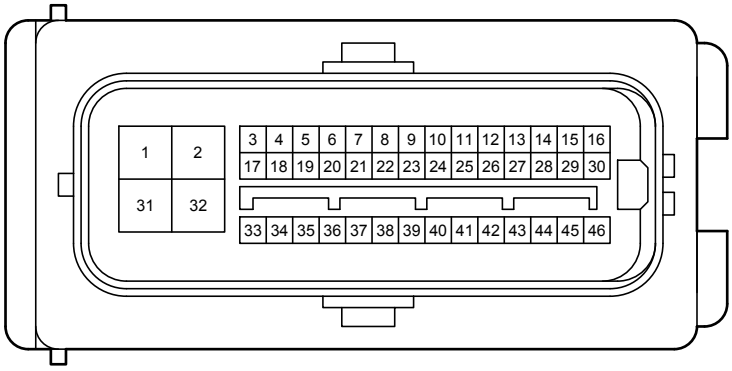
* 4 : LHD Before Aug. 2013 Production, RHD
* 5 : LHD From Aug. 2013 Production


B
P
B
P
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
AM1
AM2
STR
STR2
GND2
GND3
E59 Junction Connector
E115(B) Junction Connector
A37(A), C44(B) Junction Connector
C24 Park/Neutral Position Switch
ST CUT Relay
E62 Junction Connector
E67(A), E115(B) Junction Connector
A37(A), C44(B) Junction Connector
(LHD)
(RHD)
EA3
EA1
(*4)
(*5)
W
L
R
V
W–B
BR
E1
E2

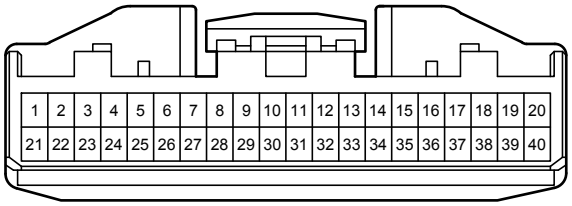

B
P
(BAT)
5A
ECU–B1
E59
Junction
Connector
(IG)
5A
MET
E7(A), E8(B)
Combination Meter Assembly
Power
Supply
Circuit
+B
IG+
Display
Buzzer
Glow
Master
CRUISE
ECT PWR
Check Engine
IG
One Step
Dim
CAN
+S
SI
ET
CANL
CANH
CHK
E58
Junction
Connector
E60
Junction
Connector
E75
Junction
Connector
A37(A), C44(B)
Junction
Connector
(LHD)
(RHD)
C8


B
P
10 EA3 – – 11 EA3 (LHD)
10 EA1 – – 11 EA1 (RHD)
E72 Junction Connector
1 A – – – 12 A – – 14 A – – – 3 A (LHD)
4 B – – – 15 B – – 14 B – – – 3 B (RHD)
E69(A), (B) Junction Connector
4 A – – – 15 A (LHD)
1 B – – – 12 B (RHD)
SB
BE
L(RHD)
SB(RHD)
L(LHD)
SB(LHD)
CA1H
CA1L
CA2L
CA2H
E31 Network Gateway ECU
10 FE4
20 FE4
E74 Junction Connector
F73 Junction Connector
2 AE3
32 EA1
31 EA1
1 AE3
1 FE4
11 FE4
3 AA1
4 AA1
25 A CANL
11 A CANH
E71 Junction Connector
E68 Junction Connector
A24(A)
Skid Control ECU with Actuator Assembly
SP1
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
12 A
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
V
LG
B
L
B
W
R
G
Speed Sensors

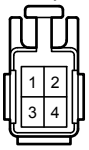
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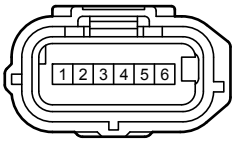
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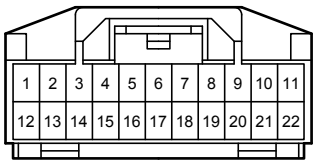
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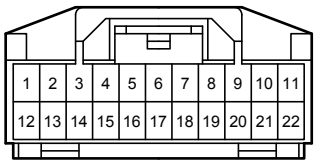
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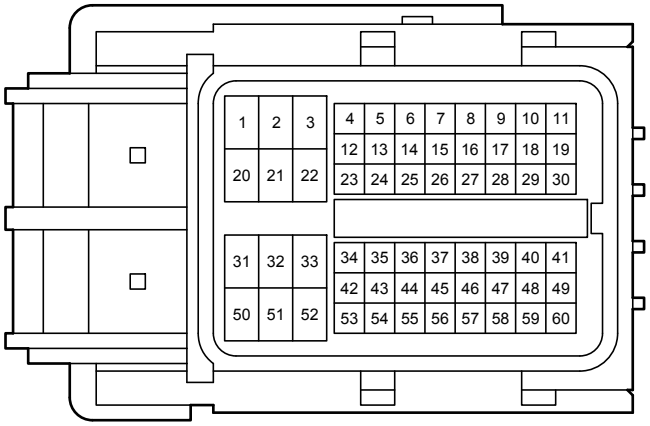
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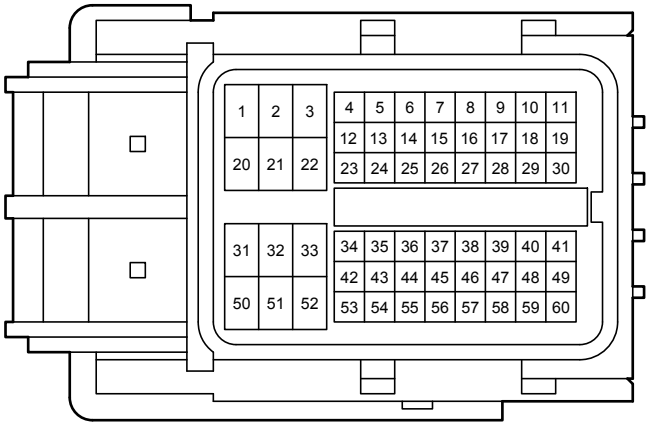
A 37
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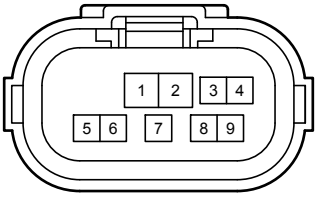
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A 52
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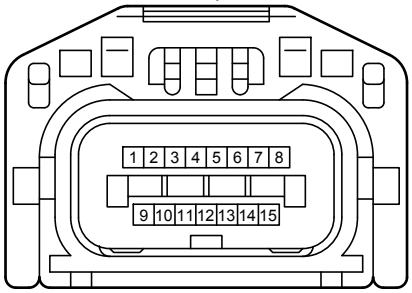
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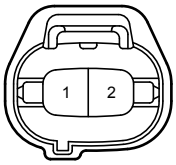
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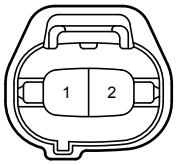
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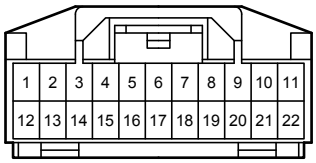
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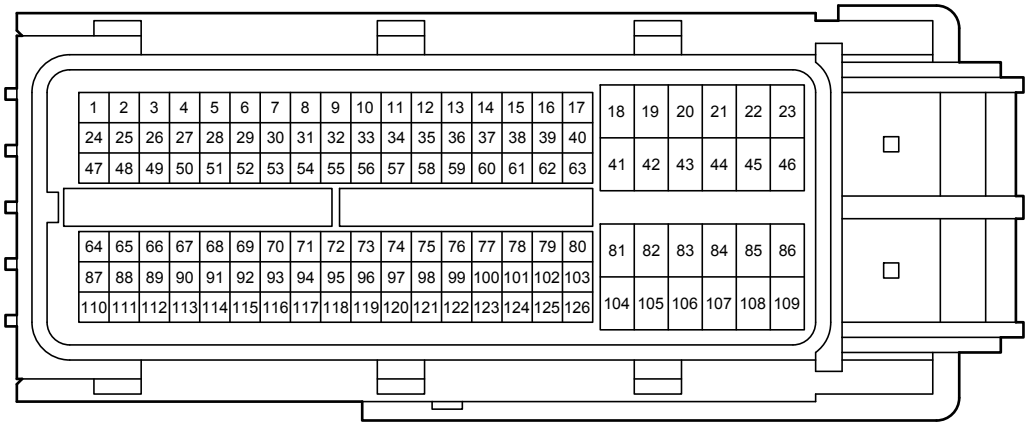
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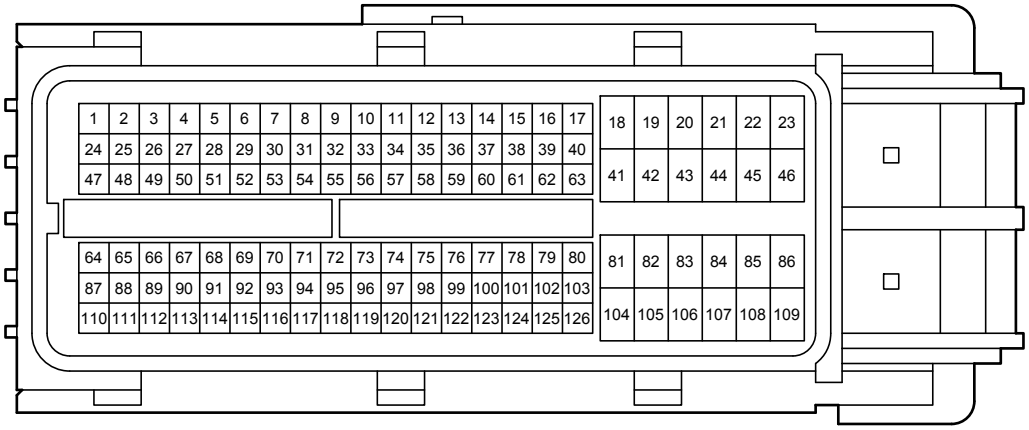
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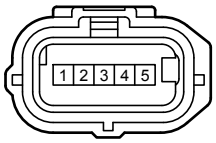
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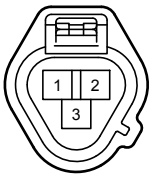
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C 50
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C 65
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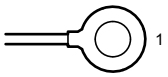
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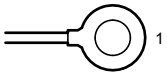
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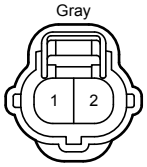
C 77



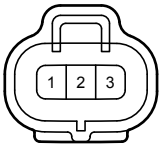
C 78



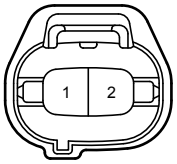
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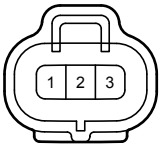
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C 81
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C 82
Black



C 83
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C 84
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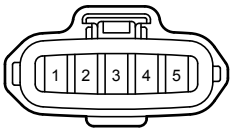
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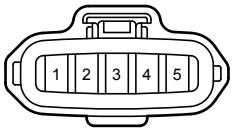
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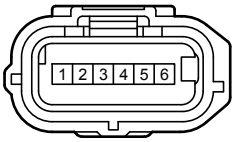
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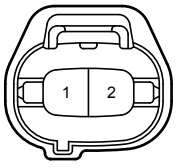
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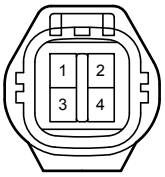
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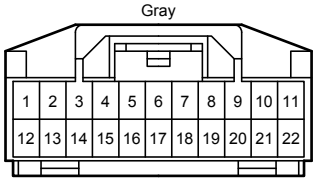
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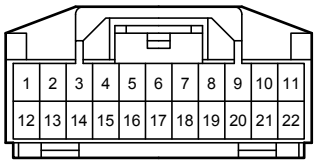
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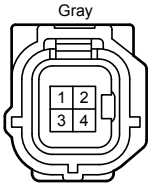
C 94
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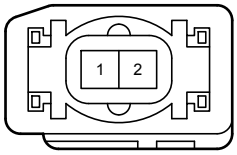
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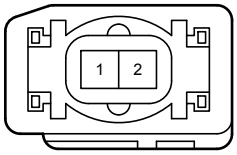
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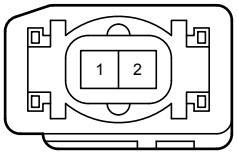
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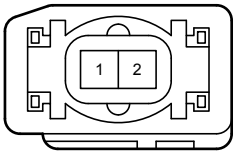
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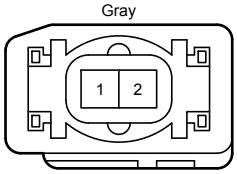
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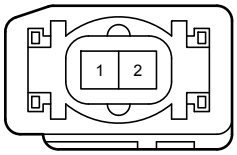
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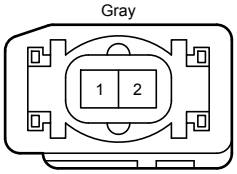
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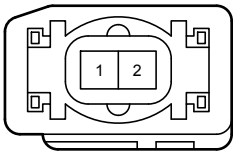
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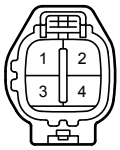
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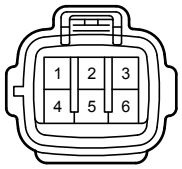
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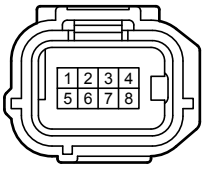
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C151
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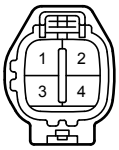
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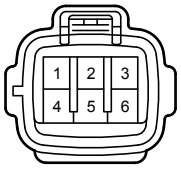
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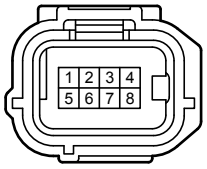
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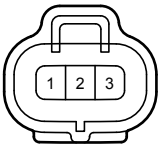
C155
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C156
Black



C157
Black



C158
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C159
Dark Gray



C160
Black



C161
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C162
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C163
Gray



C164
Gray



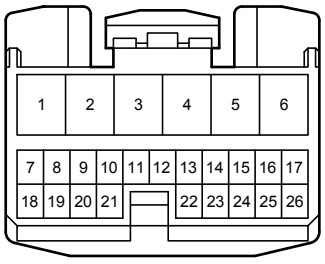
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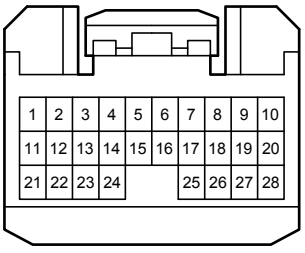
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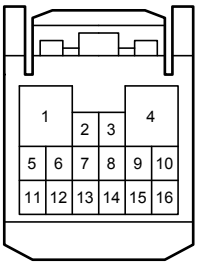
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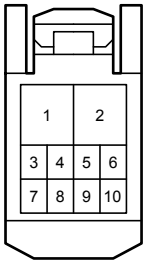
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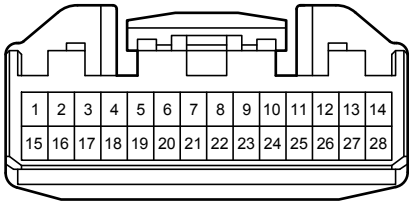
E 3
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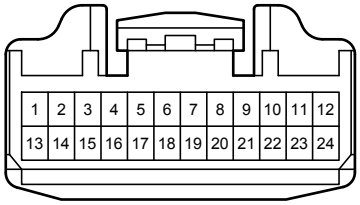
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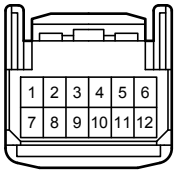
E 7
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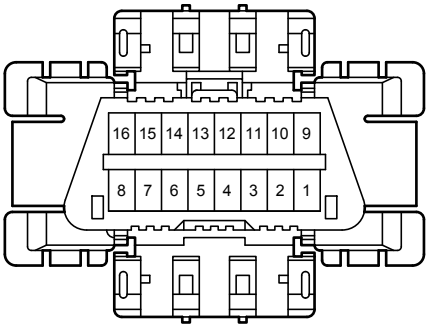
E 8
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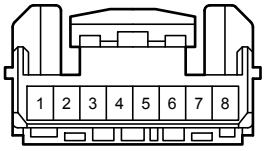
E 12
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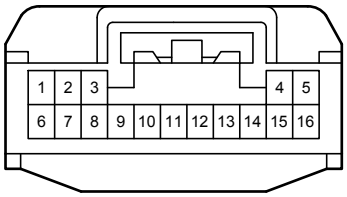
E 22
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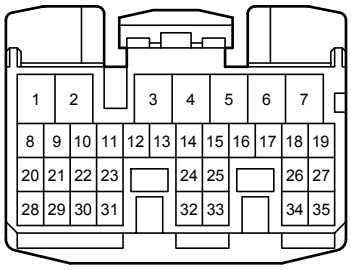
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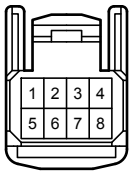
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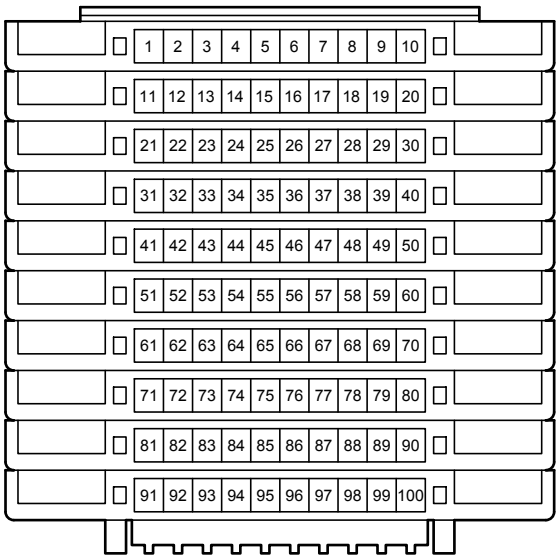
E 36
White



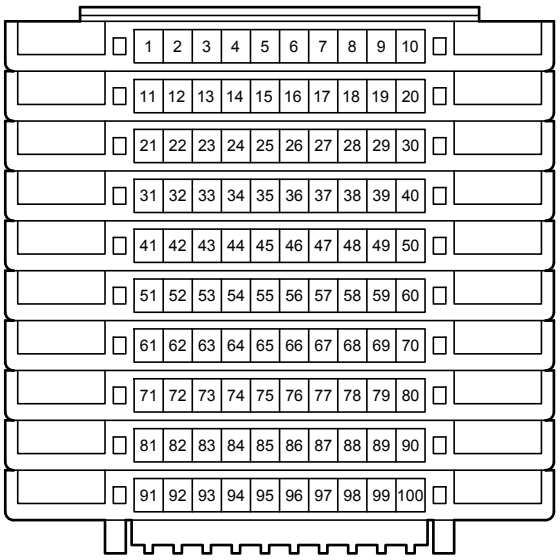
E 52
White



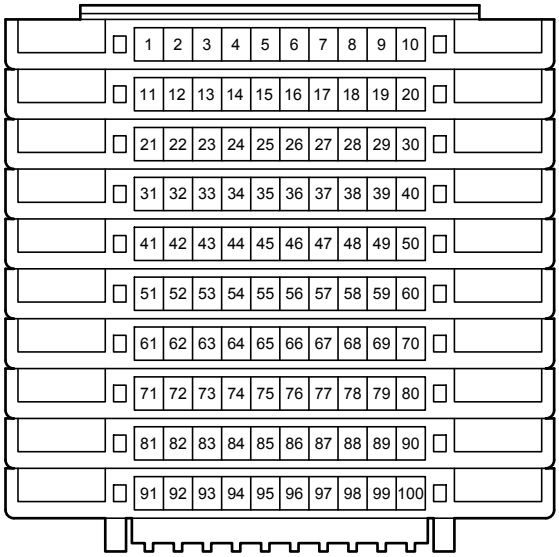
E 58



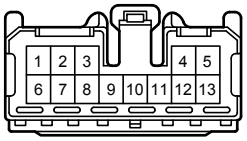
E 59



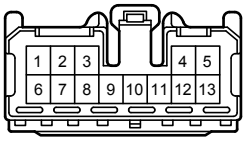
E 60



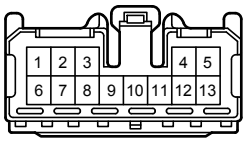
E 62
White



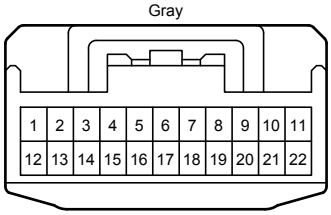
E 66
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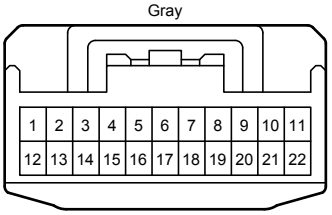
E 67
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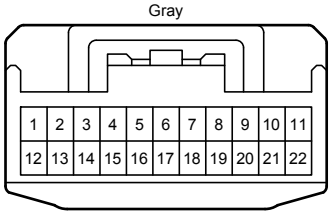
E 68
Gray



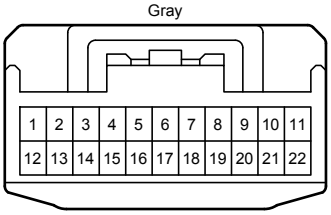
E 69
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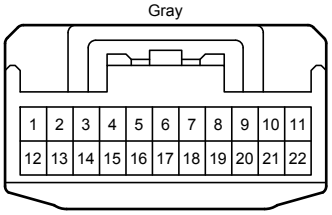
E 71
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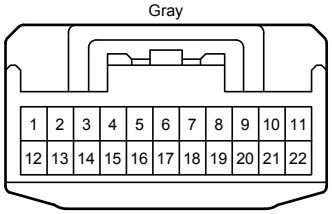
E 72
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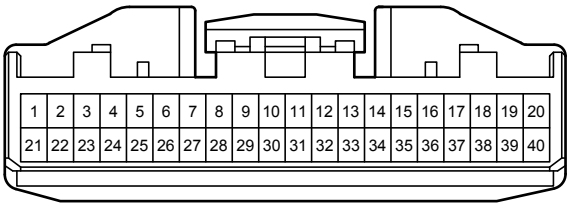
E 74
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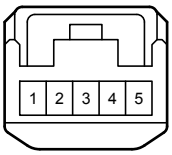
E 75
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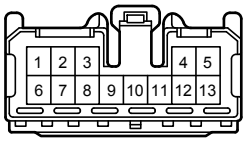
E 81
White



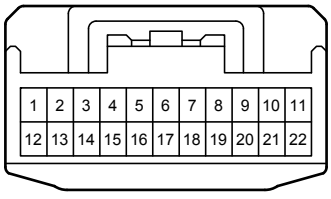
E111
Black



E115
White



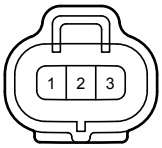
F 73
Blue



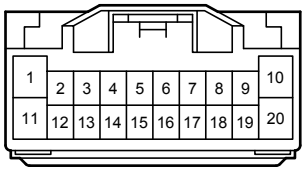
N 15
Gray



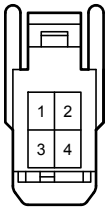
N 16
Black



V 4
White



z 37
White



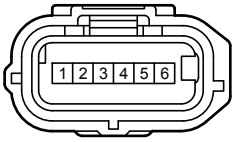
z 64
Gray



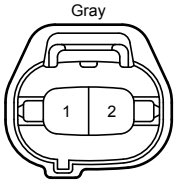
z 65
Gray



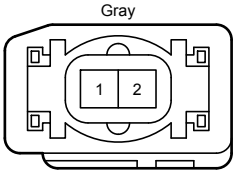
z 66
Black



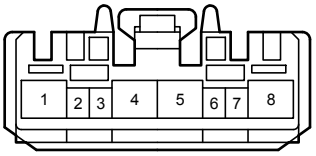
z 67
Gray



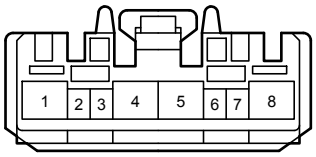
z 68
Gray



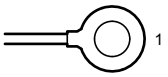
1A
White



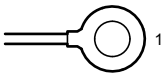
1B
White



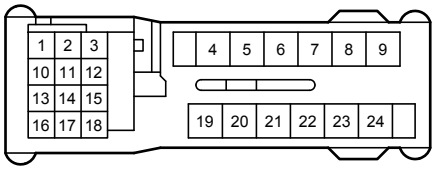
1M



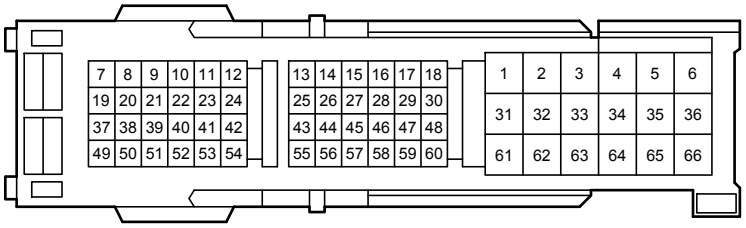
1N



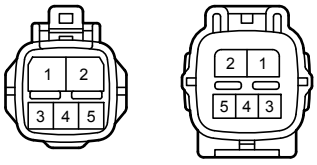
2B
White



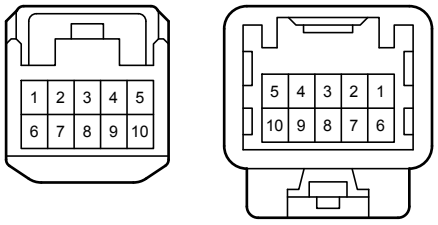
2D
White



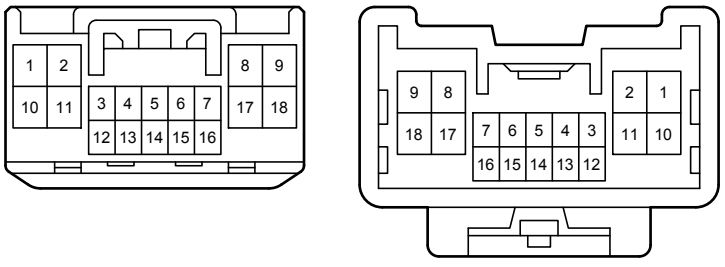
AA1
Gray



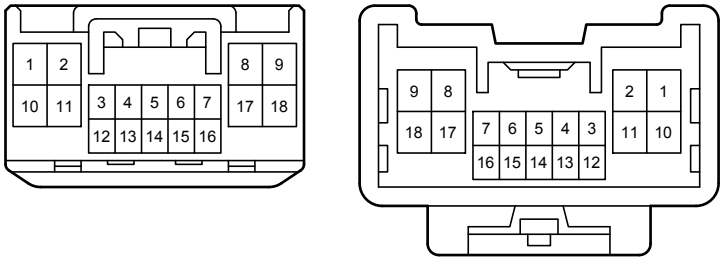
AE3
Gray



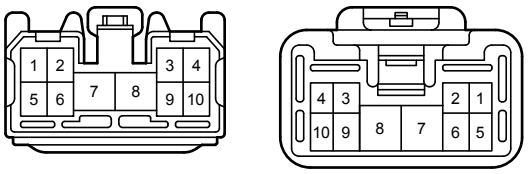
AK2
Gray



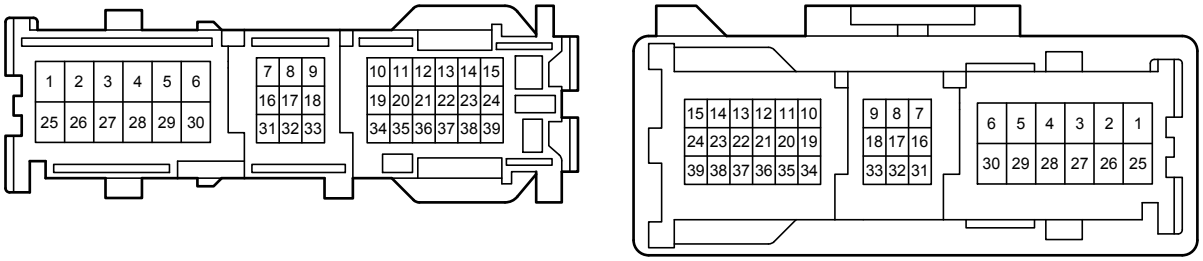
CA1
White



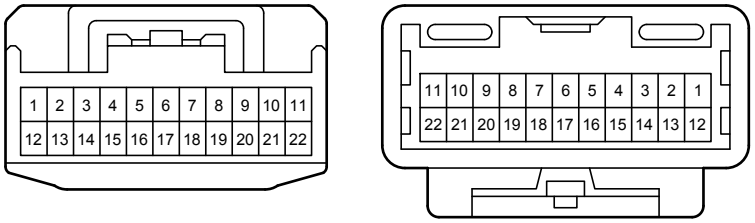
CA2
White



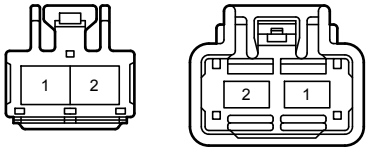
CA3
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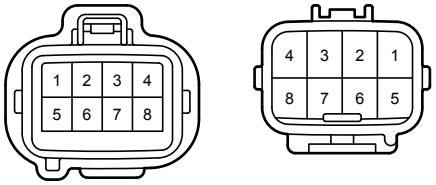
CA4
White



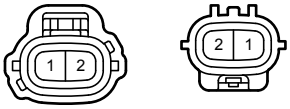
CA5
White

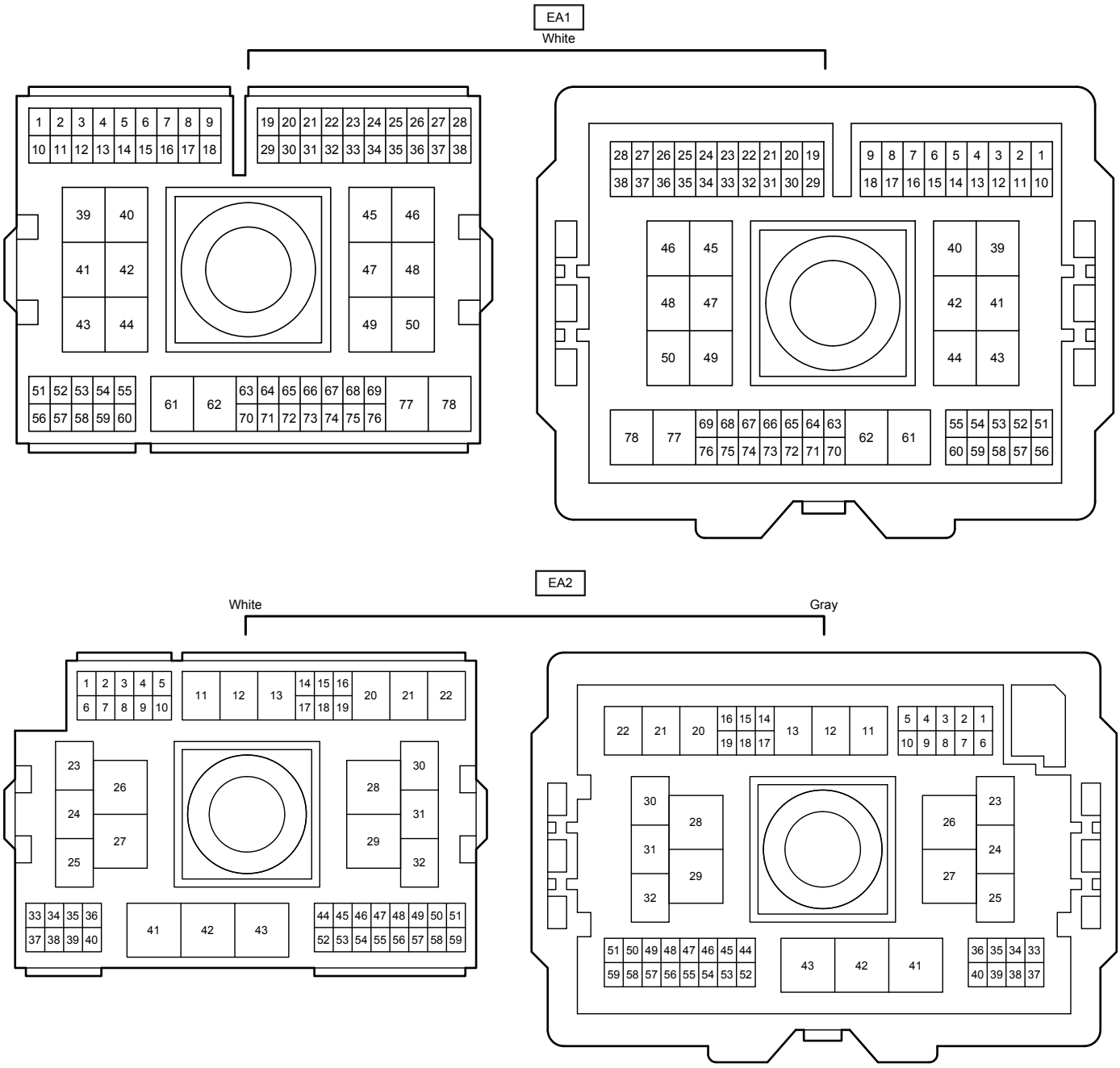


Cz1
Gray

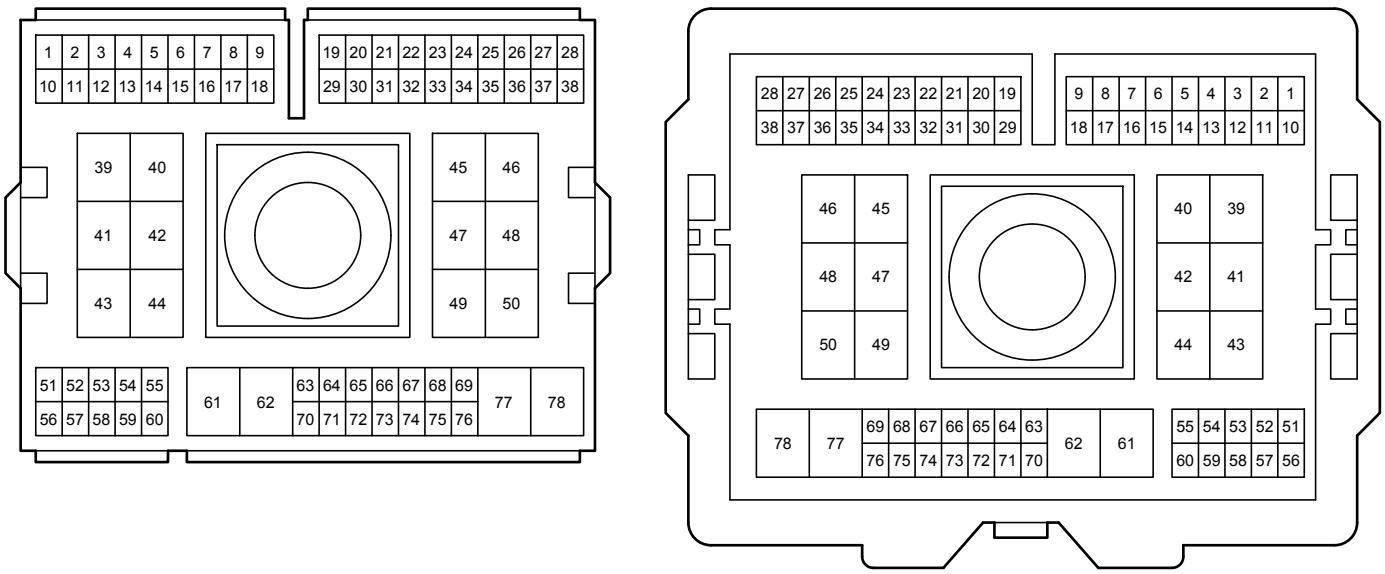


Cz2
Black

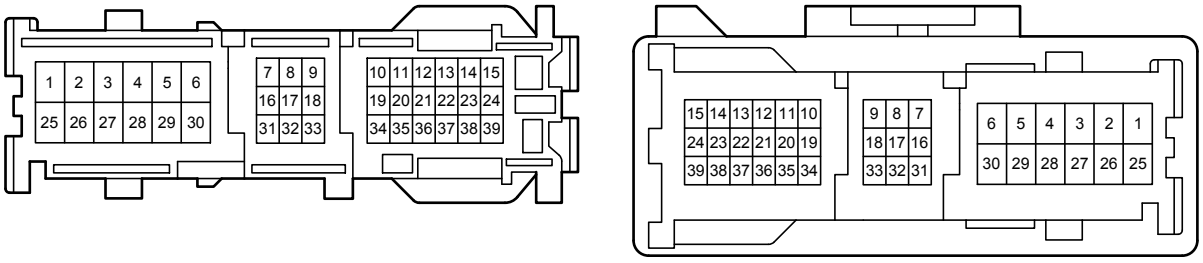



EA1
White
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10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45
48 47
50 49
40 39
42 41
44 43
78 77
69 68 67 66 65 64 63
76 75 74 73 72 71 70
62 61
55 54 53 52 51
60 59 58 57 56
EA2
White
Gray
1 2 3 4 5
6 7 8 9 10
11 12 13
14 15 16
17 18 19
20 21 22
23 24 25
26 27
28 29
30 31 32
33 34 35 36
37 38 39 40
41 42 43
44 45 46 47 48 49 50 51
52 53 54 55 56 57 58 59
22 21 20
16 15 14
19 18 17
13 12 11
5 4 3 2 1
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43 42 41
36 35 34 33
40 39 38 37

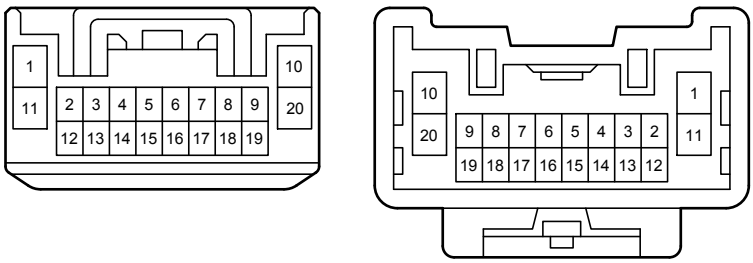
EA3
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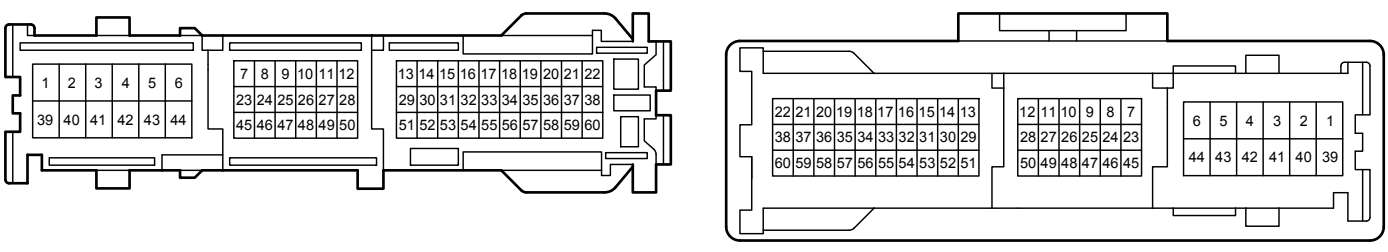
EA4
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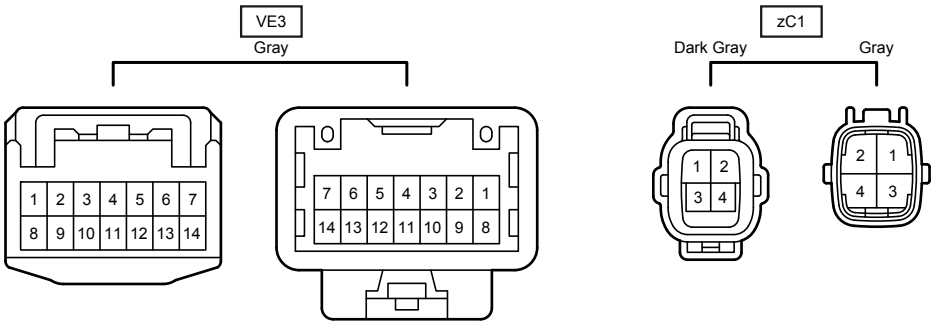


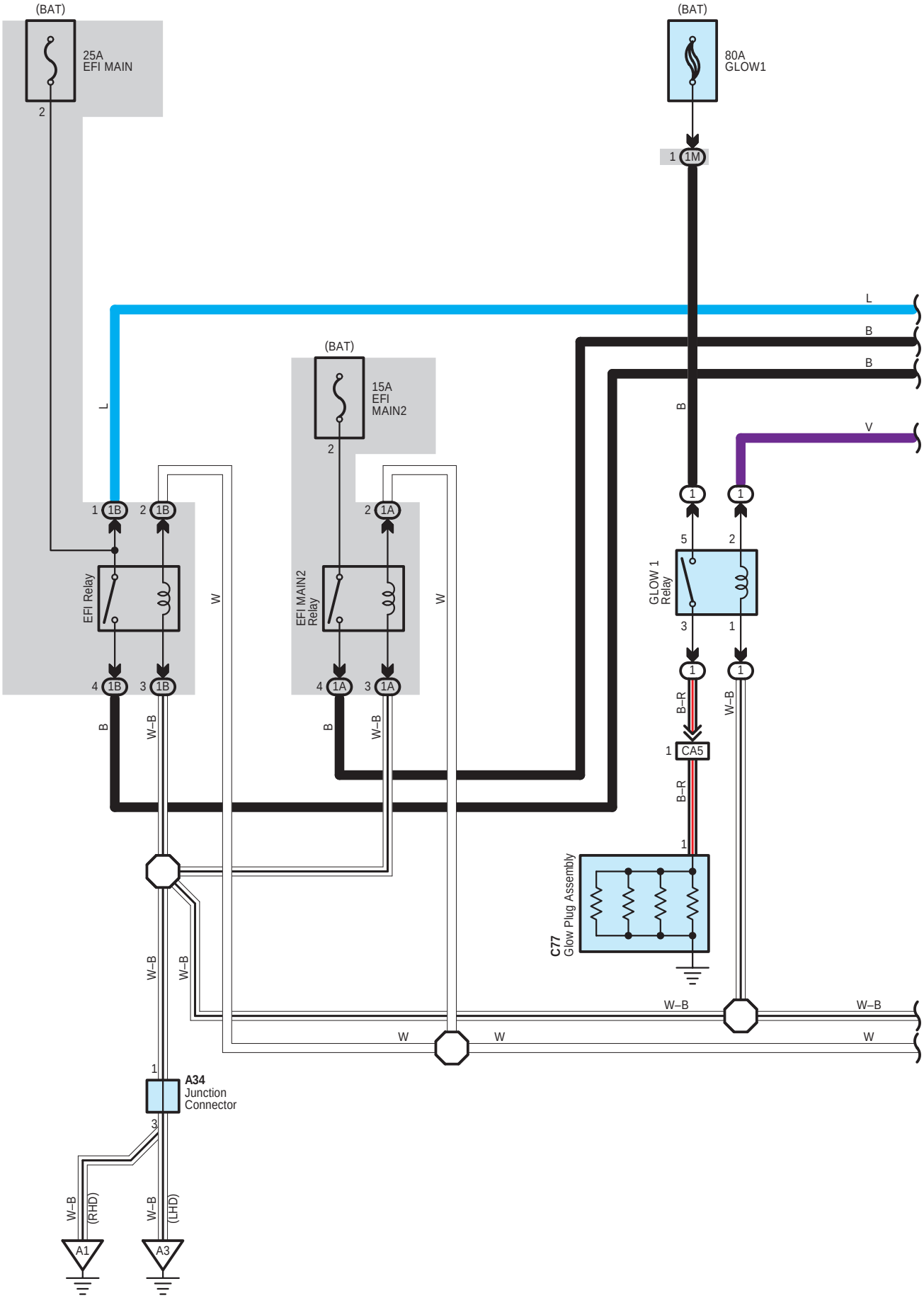
FE4
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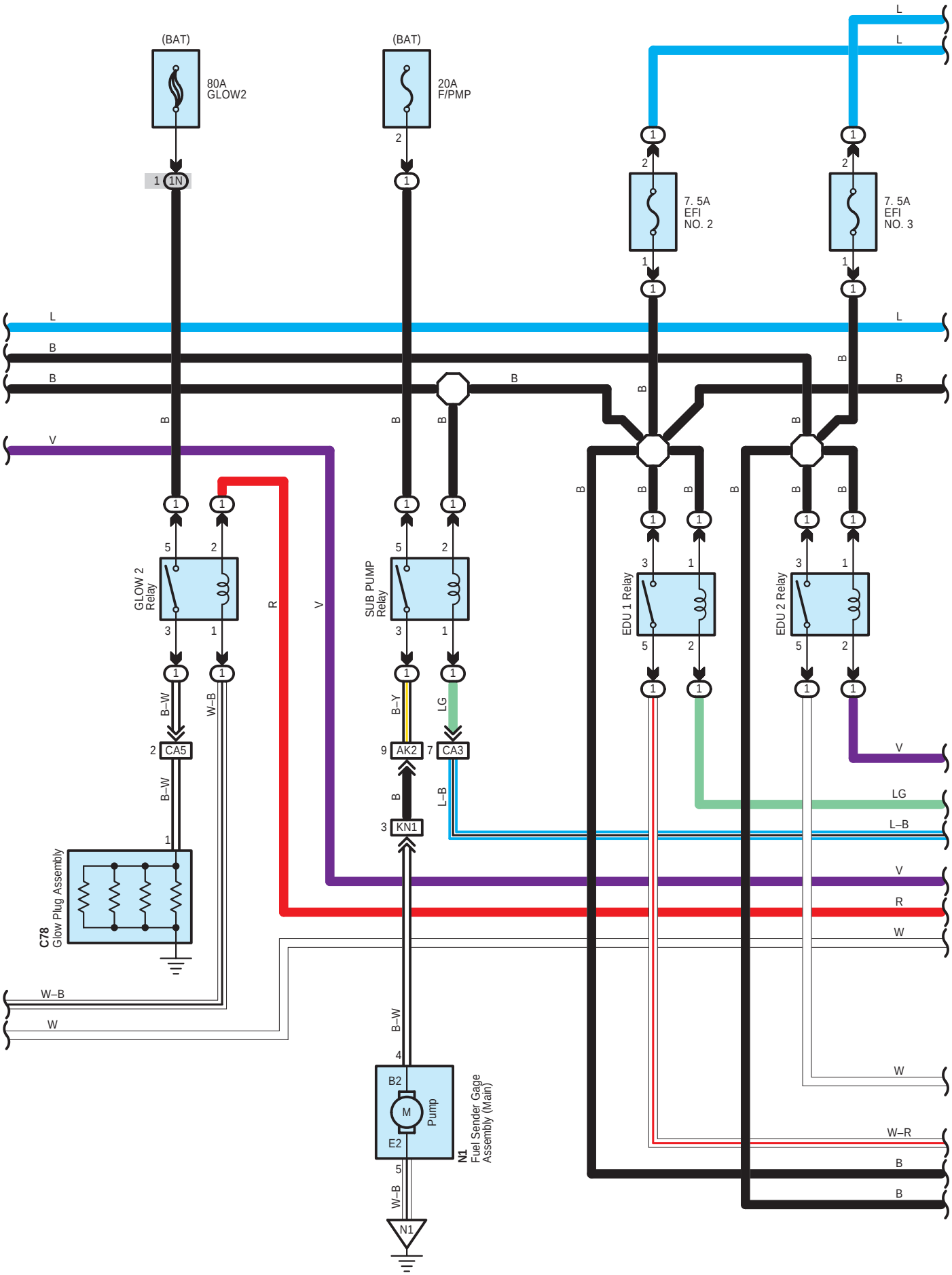


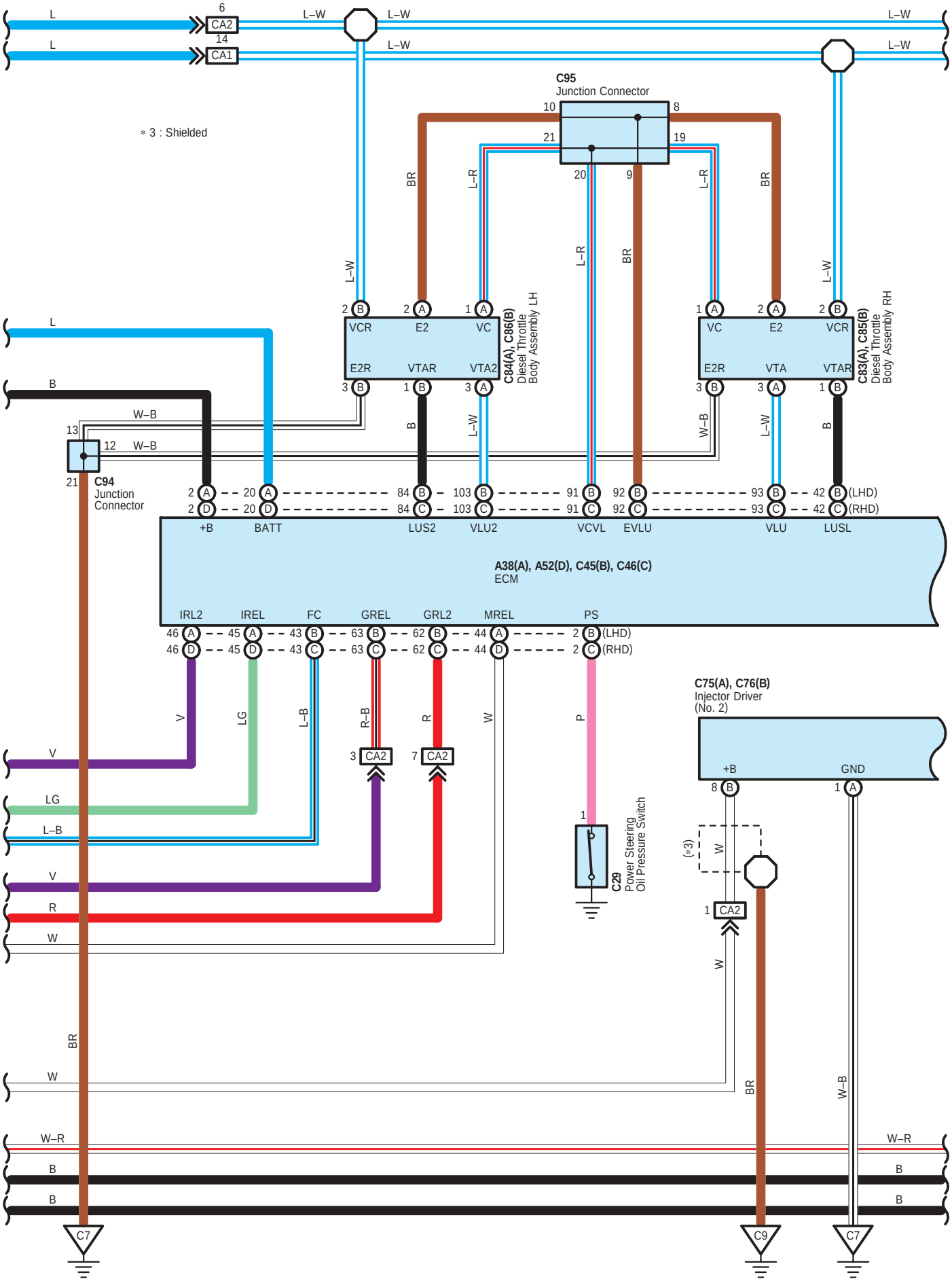
NK1
White

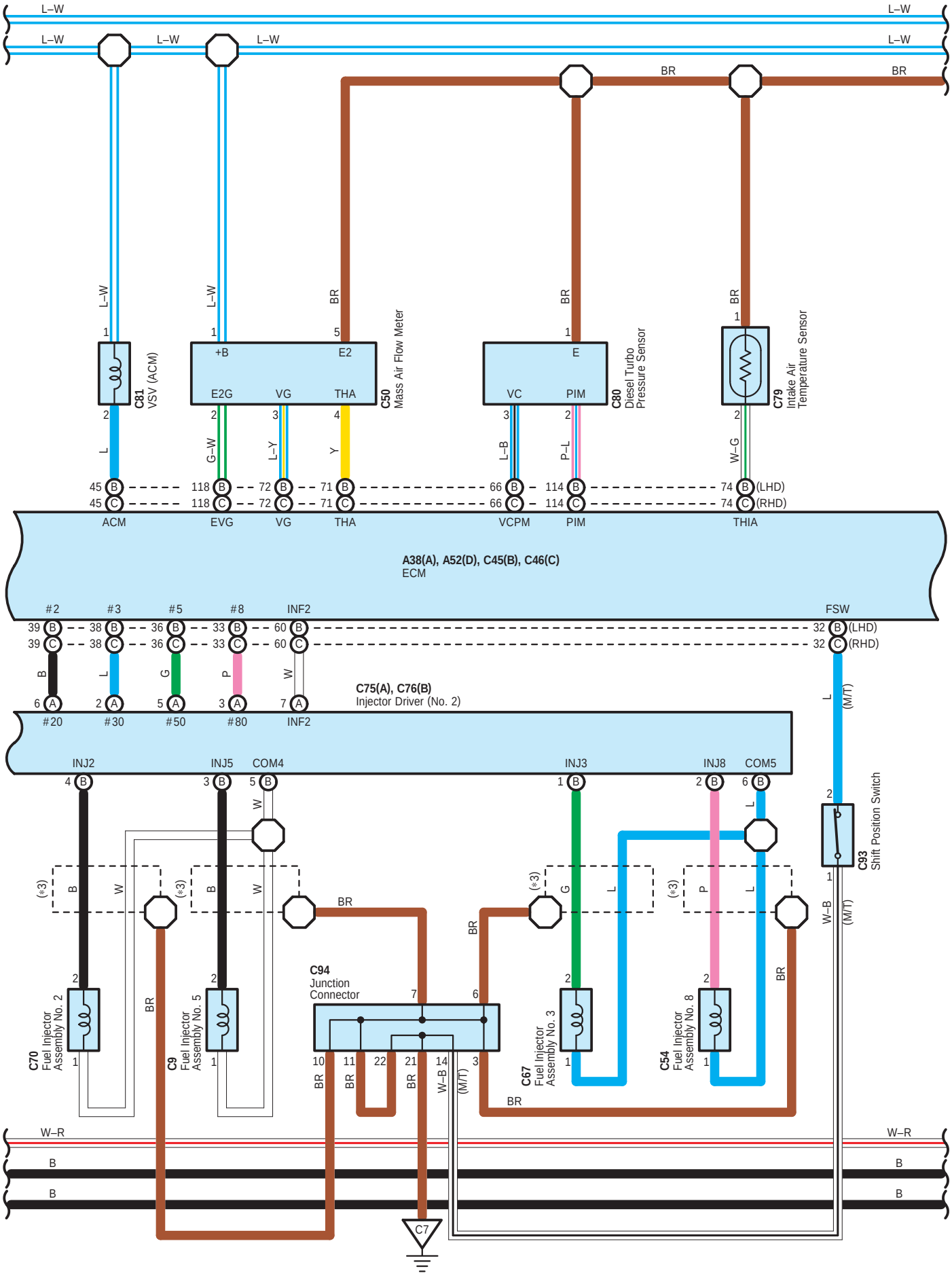


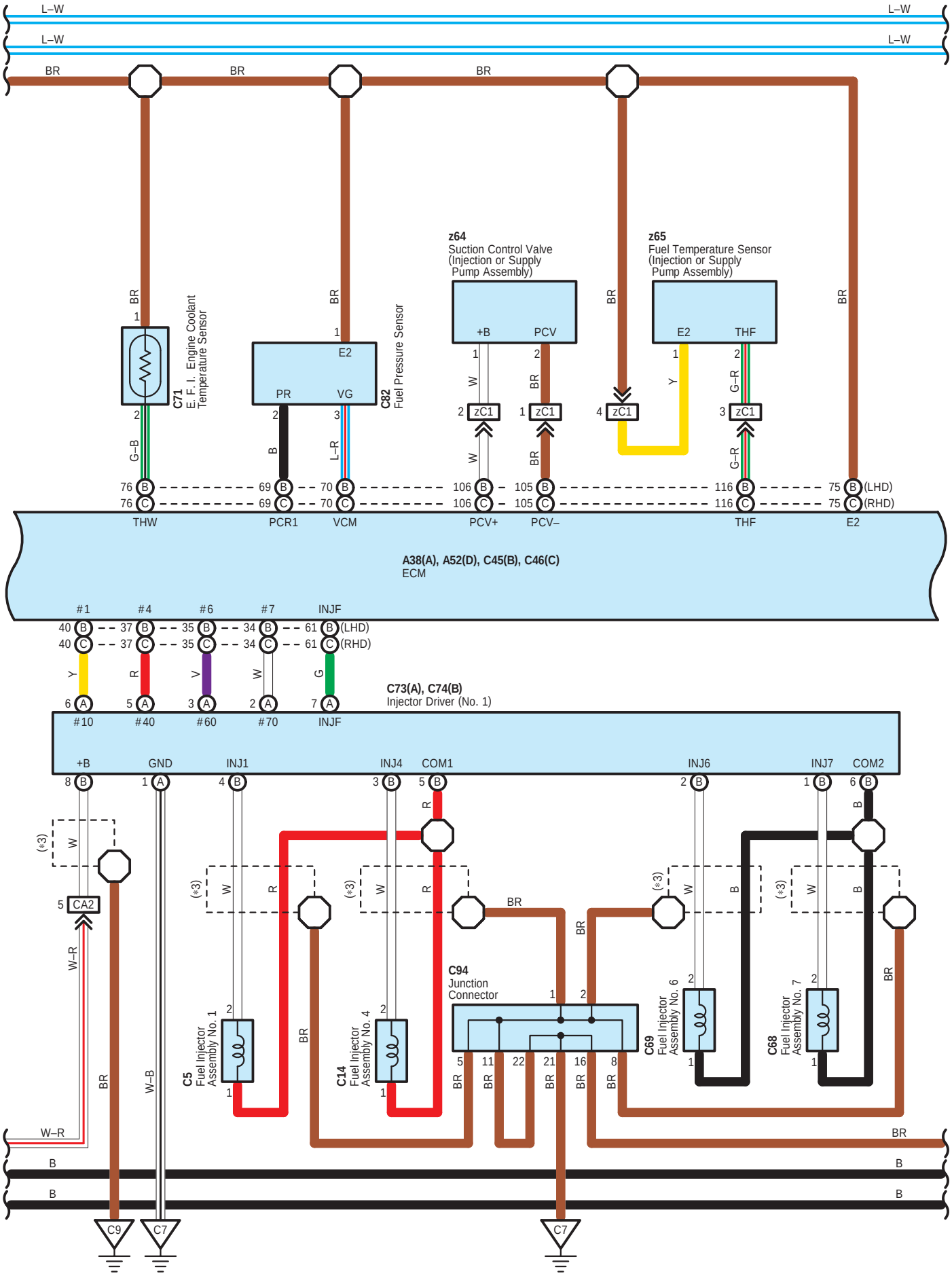

VE3
Gray
1 2 3 4 5 6 7
8 9 10 11 12 13 14
7 6 5 4 3 2 1
14 13 12 11 10 9 8
zC1
Dark Gray
Gray
1 2
3 4
2 1
4 3

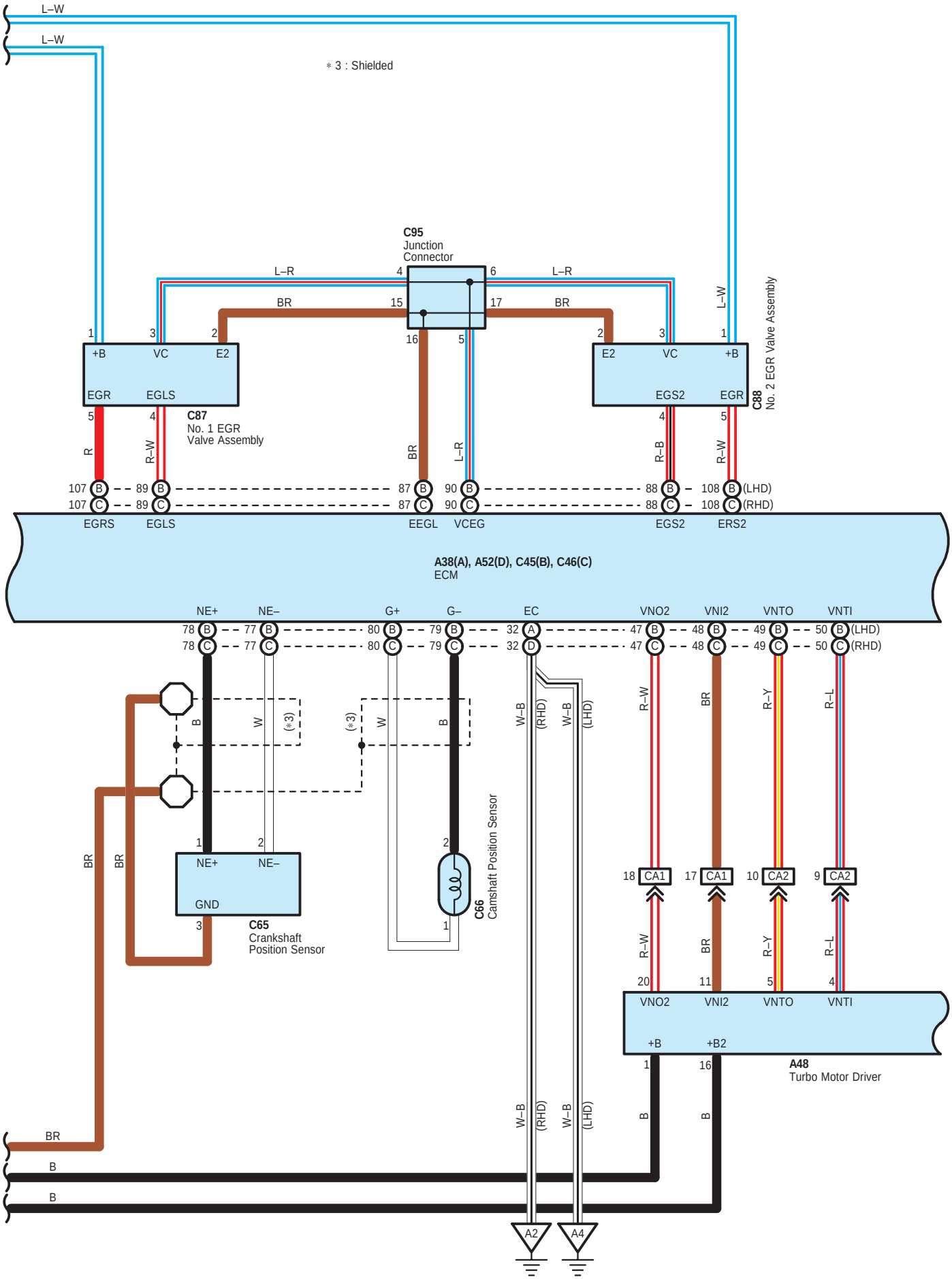

(BAT)
25A
EFI MAIN
2
(BAT)
80A
GLOW1
1 1M
L
B
B
V
(BAT)
15A
EFI
MAIN2
2
L
B
1 1B 2 1B
2 1A
1
1
5
2
EFI Relay
EFI MAIN2
Relay
GLOW 1
Relay
3
1
4 1B 3 1B
4 1A 3 1A
1
1
B
W–B
B
W–B
B–R
W–B
1 CA5
B–R
1
C77
Glow Plug Assembly
W–B
W–B
W
W
W
W–B
W–B
1
A34
Junction
Connector
3
W–B
(RHD)
W–B
(LHD)
A1
A3

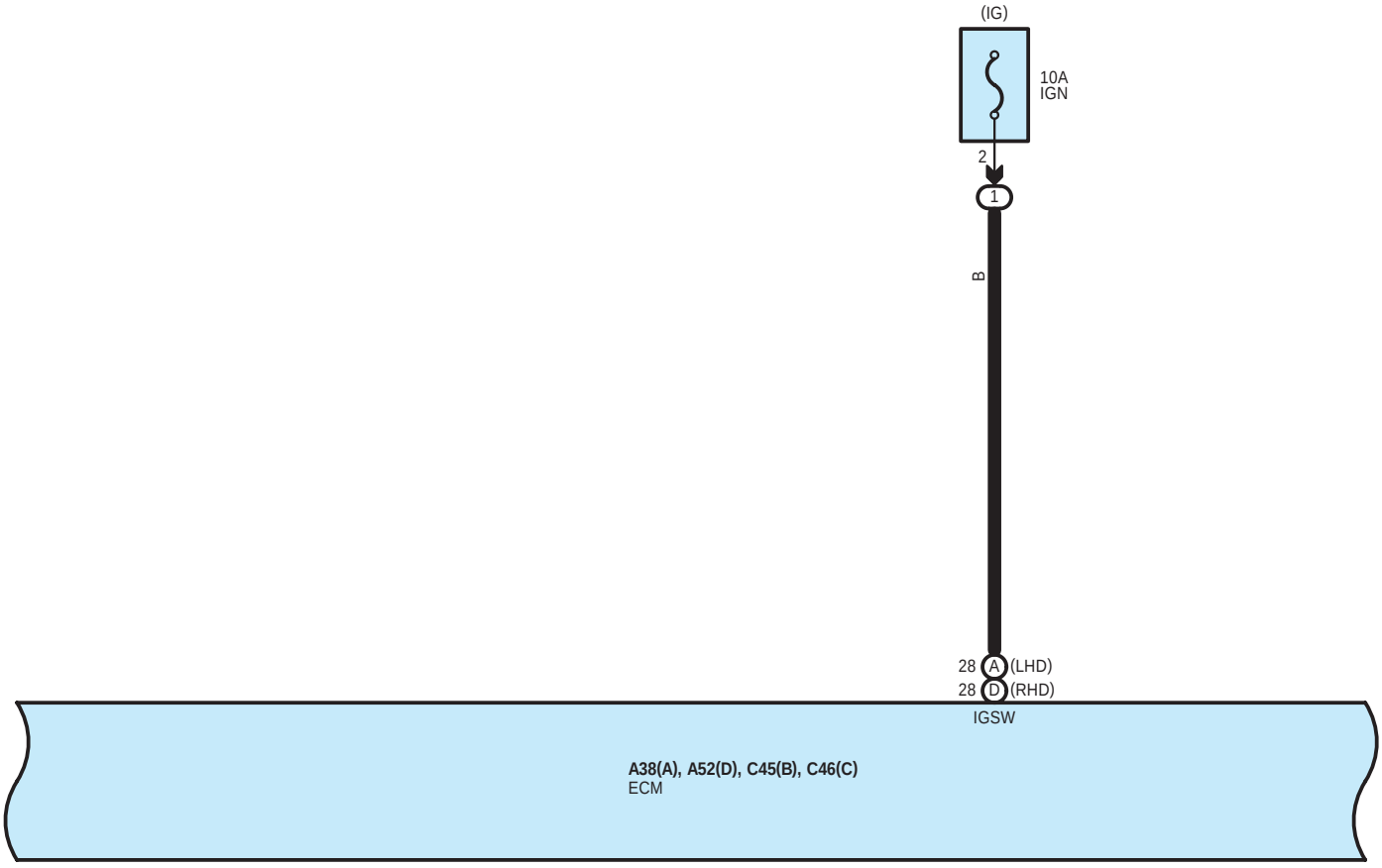

(BAT)
80A
GLOW2
(BAT)
20A
F/PMP
7. 5A
EFI
NO. 2
7. 5A
EFI
NO. 3
GLOW 2
Relay
SUB PUMP
Relay
EDU 1 Relay
EDU 2 Relay
CA5
AK2
CA3
KN1
C78
Glow Plug Assembly
N1
Fuel Sender Gage
Assembly (Main)
Pump
B2
M
E2
N1
L
B
V
R
W
W–B
B–W
B–Y
LG
L–B
W–R

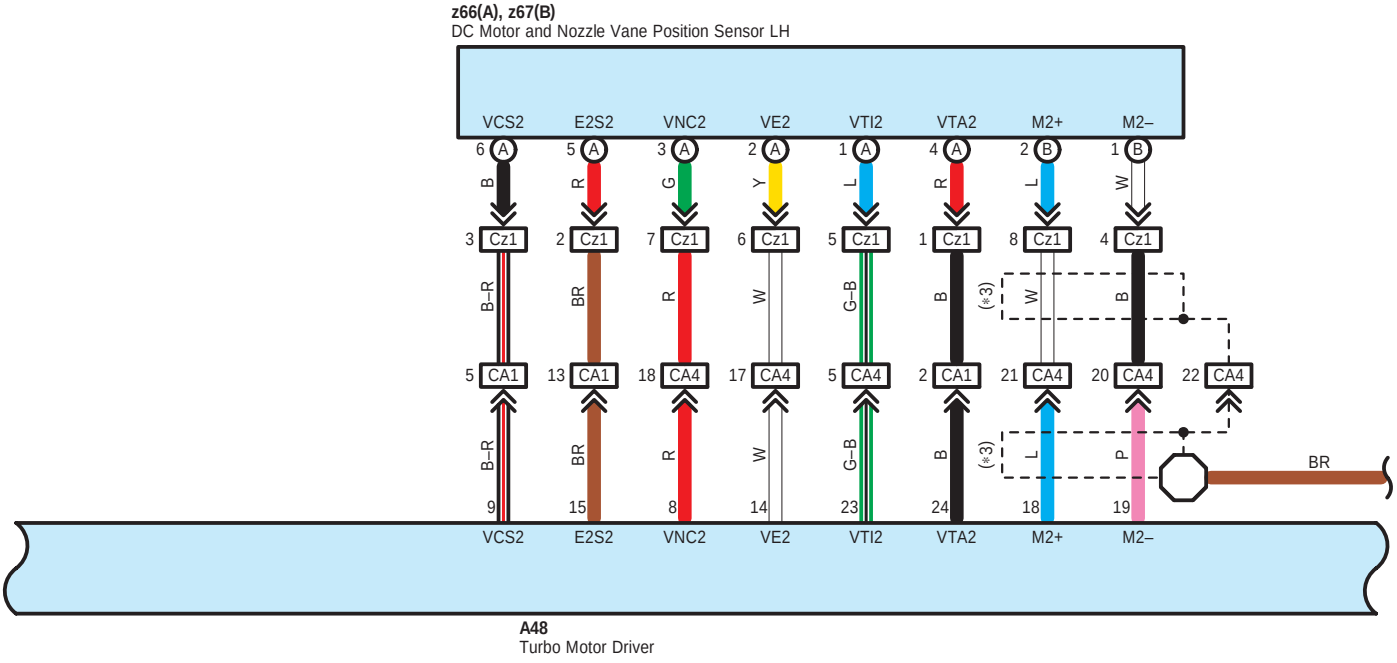

C95
Junction Connector
* 3 : Shielded
C84(A), C86(B)
Diesel Throttle
Body Assembly LH
C83(A), C85(B)
Diesel Throttle
Body Assembly RH
C94
Junction
Connector
A38(A), A52(D), C45(B), C46(C)
ECM
+B
BATT
LUS2
VLU2
VCVL
EVLU
VLU
LUSL
IRL2
IREL
FC
GREL
GRL2
MREL
PS
(LHD)
(RHD)
C75(A), C76(B)
Injector Driver
(No. 2)
GND
C29
Power Steering
Oil Pressure Switch
CA1
CA2
C7
C9

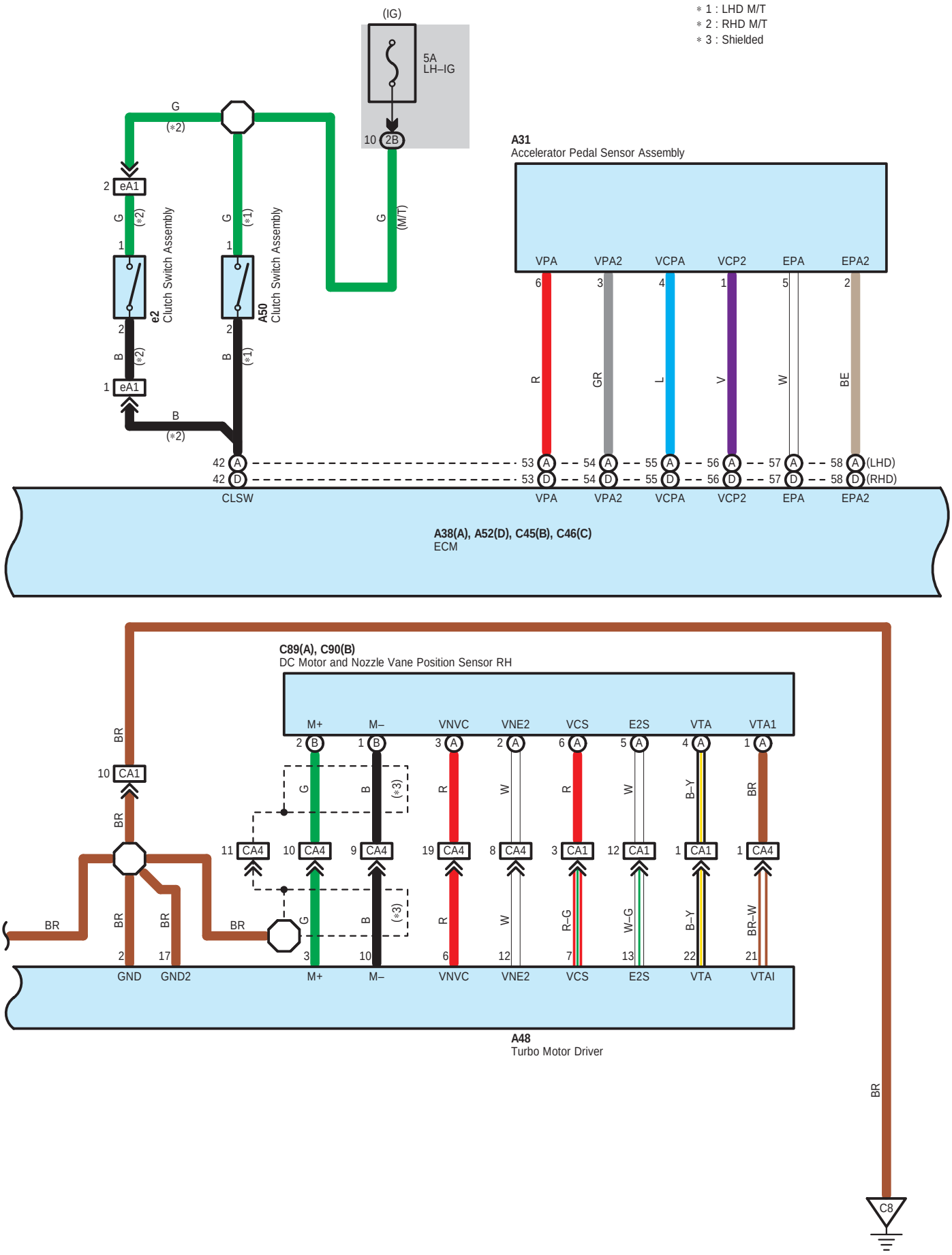

L–W
BR
C81 VSV (ACM)
C50 Mass Air Flow Meter
C80 Diesel Turbo Pressure Sensor
C79 Intake Air Temperature Sensor
+B
E2
E2G
VG
THA
E
VC
PIM
ACM
EVG
VG
THA
VCPM
PIM
THIA
(LHD)
(RHD)
A38(A), A52(D), C45(B), C46(C)
ECM
#2
#3
#5
#8
INF2
FSW
C75(A), C76(B)
Injector Driver (No. 2)
#20
#30
#50
#80
INJ2
INJ5
COM4
INJ3
INJ8
COM5
C70 Fuel Injector Assembly No. 2
C9 Fuel Injector Assembly No. 5
C67 Fuel Injector Assembly No. 3
C54 Fuel Injector Assembly No. 8
C94 Junction Connector
C93 Shift Position Switch
(M/T)
W–R
B
C7

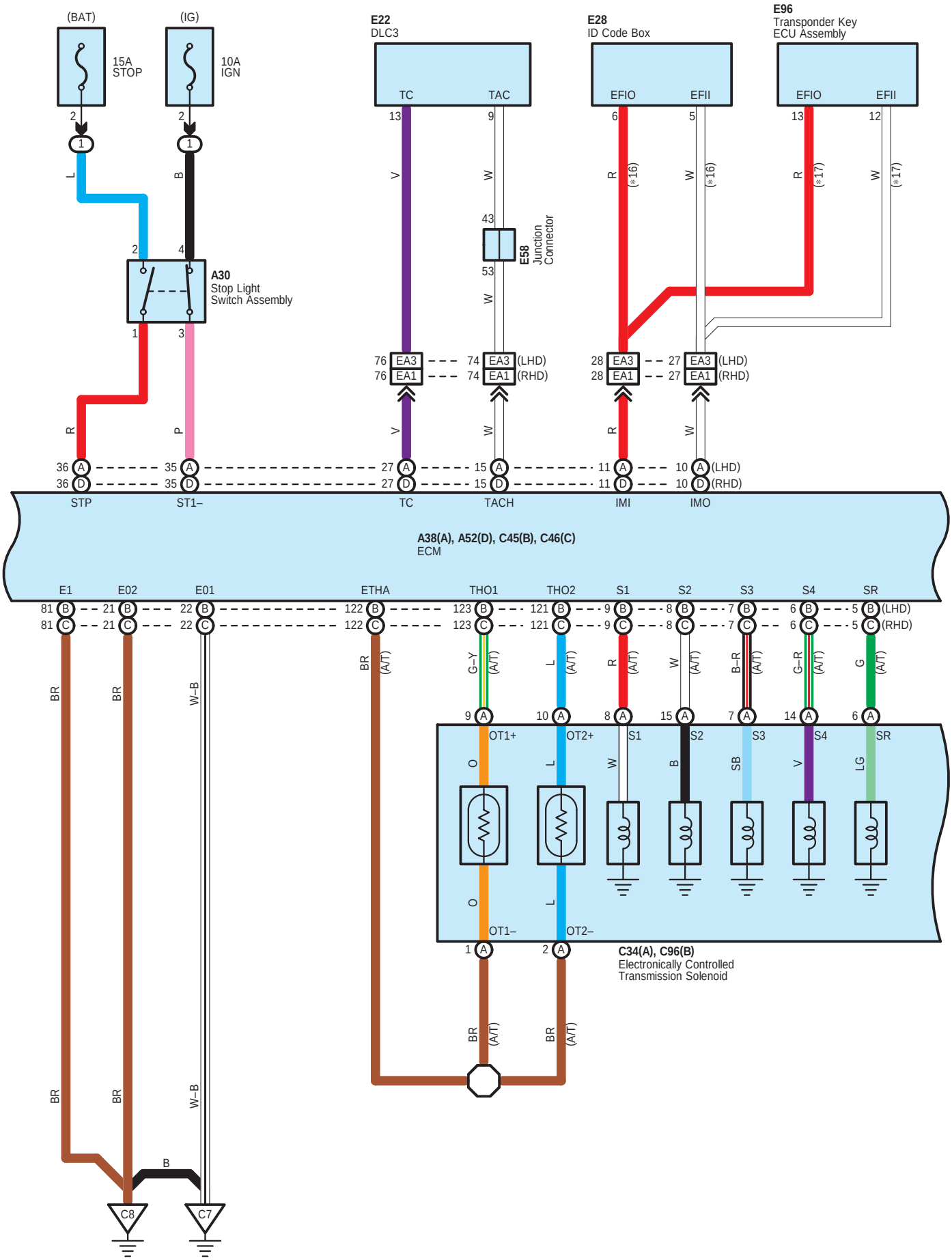

L–W
L–W
L–W
L–W
BR
BR
BR
BR
BR
BR
BR
C71
E. F. I. Engine Coolant Temperature Sensor
C82
Fuel Pressure Sensor
E2
PR
VG
z64
Suction Control Valve (Injection or Supply Pump Assembly)
+B
PCV
z65
Fuel Temperature Sensor (Injection or Supply Pump Assembly)
E2
THF
zC1
G–B
B
L–R
W
G–R
Y
76 B
76 C
69 B
69 C
70 B
70 C
106 B
106 C
105 B
105 C
116 B
116 C
75 B (LHD)
75 C (RHD)
THW
PCR1
VCM
PCV+
PCV–
THF
E2
A38(A), A52(D), C45(B), C46(C)
ECM
#1
#4
#6
#7
INJF
40 B
40 C
37 B
37 C
35 B
35 C
34 B
34 C
61 B (LHD)
61 C (RHD)
Y
R
V
W
G
6 A
5 A
3 A
2 A
7 A
#10
#40
#60
#70
INJF
C73(A), C74(B)
Injector Driver (No. 1)
+B
GND
INJ1
INJ4
COM1
INJ6
INJ7
COM2
8 B
1 A
4 B
3 B
5 B
2 B
1 B
6 B
(*3)
W
R
B
5 CA2
W–R
BR
W–B
C5
Fuel Injector Assembly No. 1
C14
Fuel Injector Assembly No. 4
C94
Junction Connector
C69
Fuel Injector Assembly No. 6
C68
Fuel Injector Assembly No. 7
5
11
22
21
16
8
C9
C7
C7

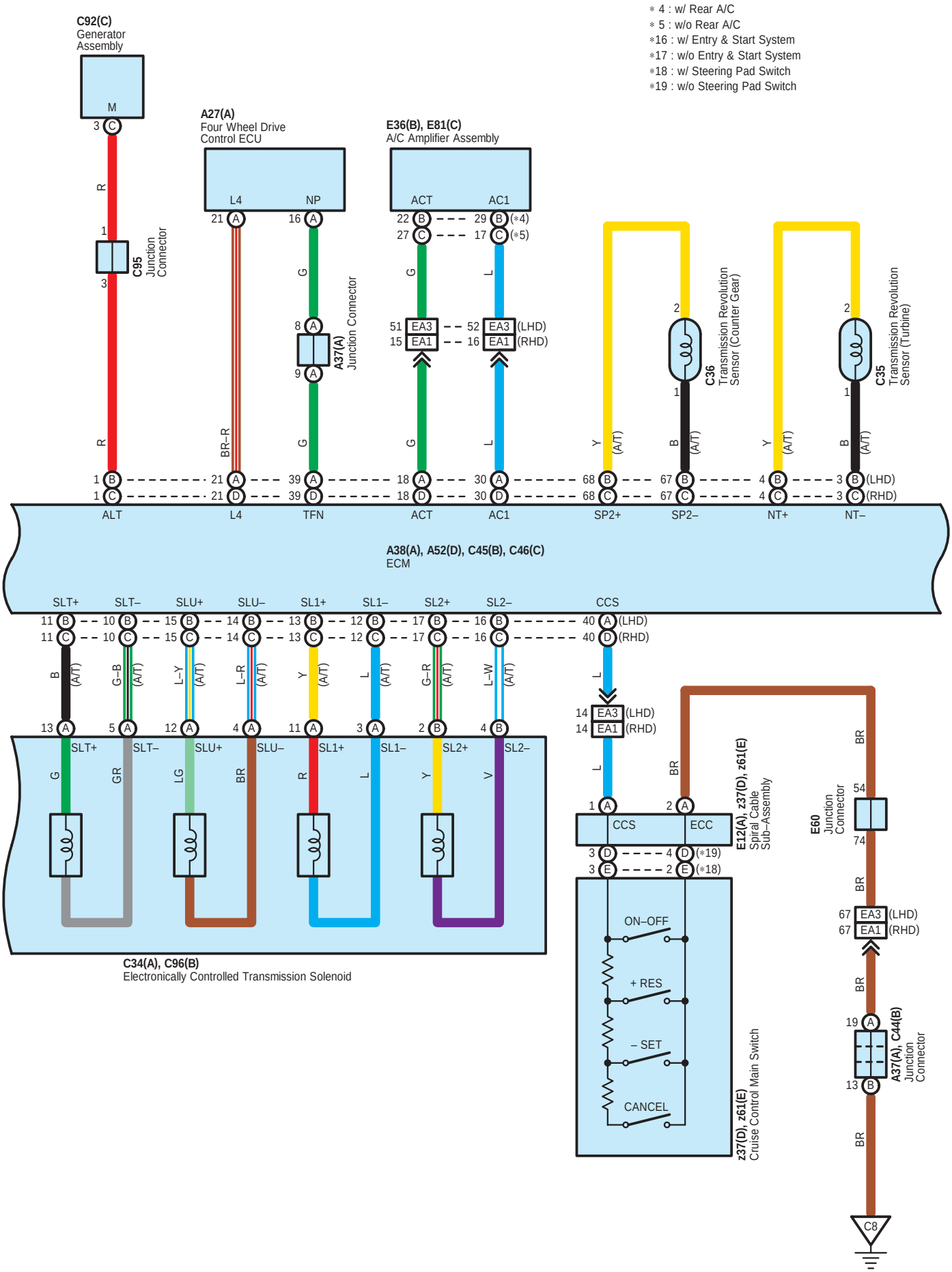

L–W
L–W
* 3 : Shielded
C95
Junction
Connector
L–R
BR
L–R
BR
L–W
C87
No. 1 EGR
Valve Assembly
C88
No. 2 EGR Valve Assembly
+B
VC
E2
EGR
EGLS
E2
VC
+B
EGS2
EGR
R
R–W
BR
L–R
R–B
R–W
107 89 87 90 88 108 (LHD)
107 89 87 90 88 108 (RHD)
EGRS
EGLS
EEGL
VCEG
EGS2
ERS2
A38(A), A52(D), C45(B), C46(C)
ECM
NE+
NE–
G+
G–
EC
VNO2
VNI2
VNTO
VNTI
78 77 80 79 32 47 48 49 50 (LHD)
78 77 80 79 32 47 48 49 50 (RHD)
B
W
(*3)
W–B
(RHD)
W–B
(LHD)
R–W
BR
R–Y
R–L
NE+
NE–
GND
C65
Crankshaft
Position Sensor
C66
Camshaft Position Sensor
18 CA1
17 CA1
10 CA2
9 CA2
R–W
BR
R–Y
R–L
20 11 5 4
VNO2
VNI2
VNTO
VNTI
+B
+B2
A48
Turbo Motor Driver
BR
B
B
A2
A4

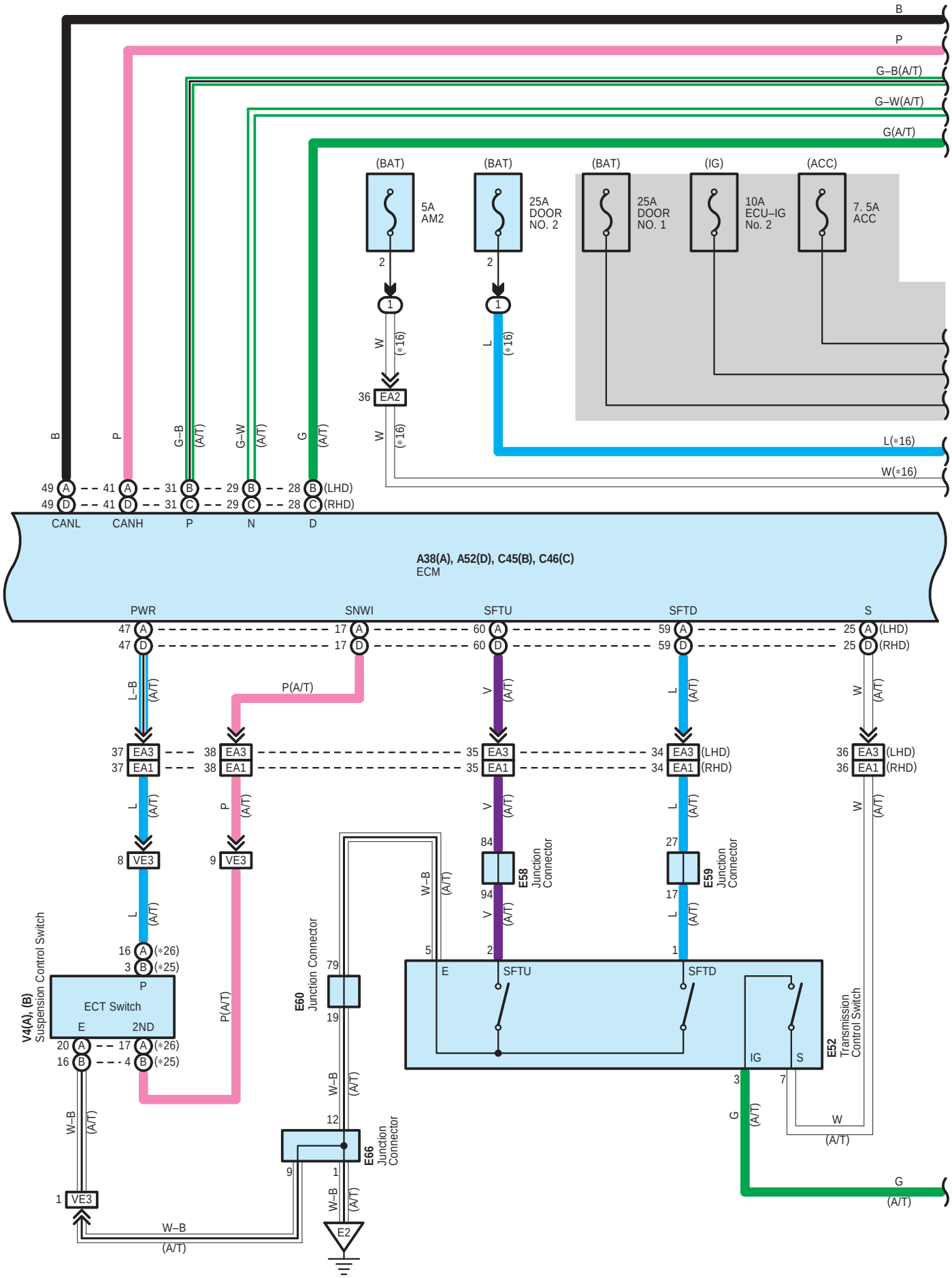

(IG)
10A
IGN
2
1
B
28 A (LHD)
28 D (RHD)
IGSW
A38(A), A52(D), C45(B), C46(C)
ECM

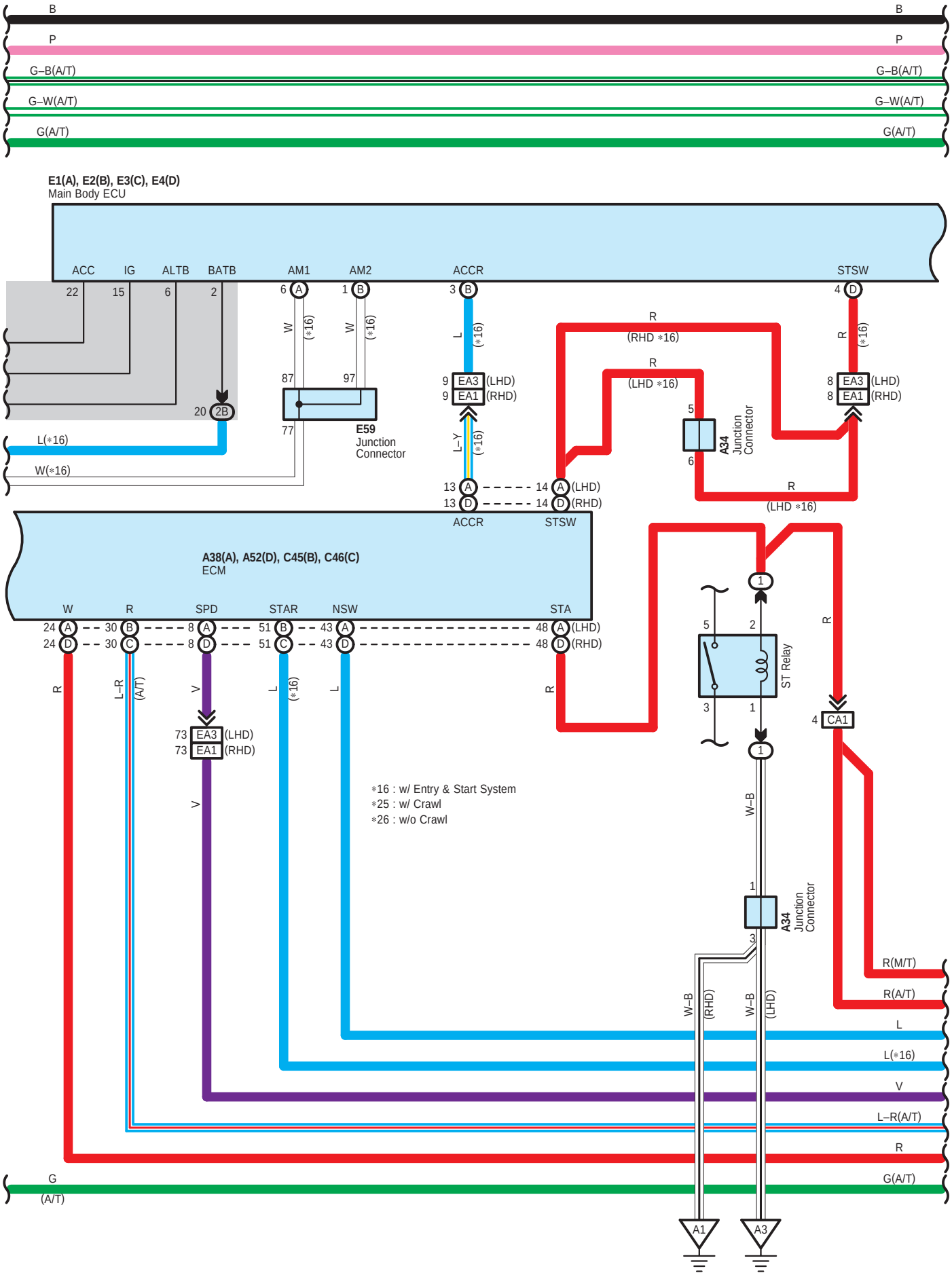

z66(A), z67(B)
DC Motor and Nozzle Vane Position Sensor LH
VCS2
E2S2
VNC2
VE2
VTI2
VTA2
M2+
M2–
6 A
5 A
3 A
2 A
1 A
4 A
2 B
1 B
B
R
G
Y
L
R
L
W
3 Cz1
2 Cz1
7 Cz1
6 Cz1
5 Cz1
1 Cz1
8 Cz1
4 Cz1
B–R
BR
R
W
G–B
B
(*3)
W
B
5 CA1
13 CA1
18 CA4
17 CA4
5 CA4
2 CA1
21 CA4
20 CA4
22 CA4
B–R
BR
R
W
G–B
B
(*3)
L
P
BR
9
15
8
14
23
24
18
19
VCS2
E2S2
VNC2
VE2
VTI2
VTA2
M2+
M2–
A48
Turbo Motor Driver

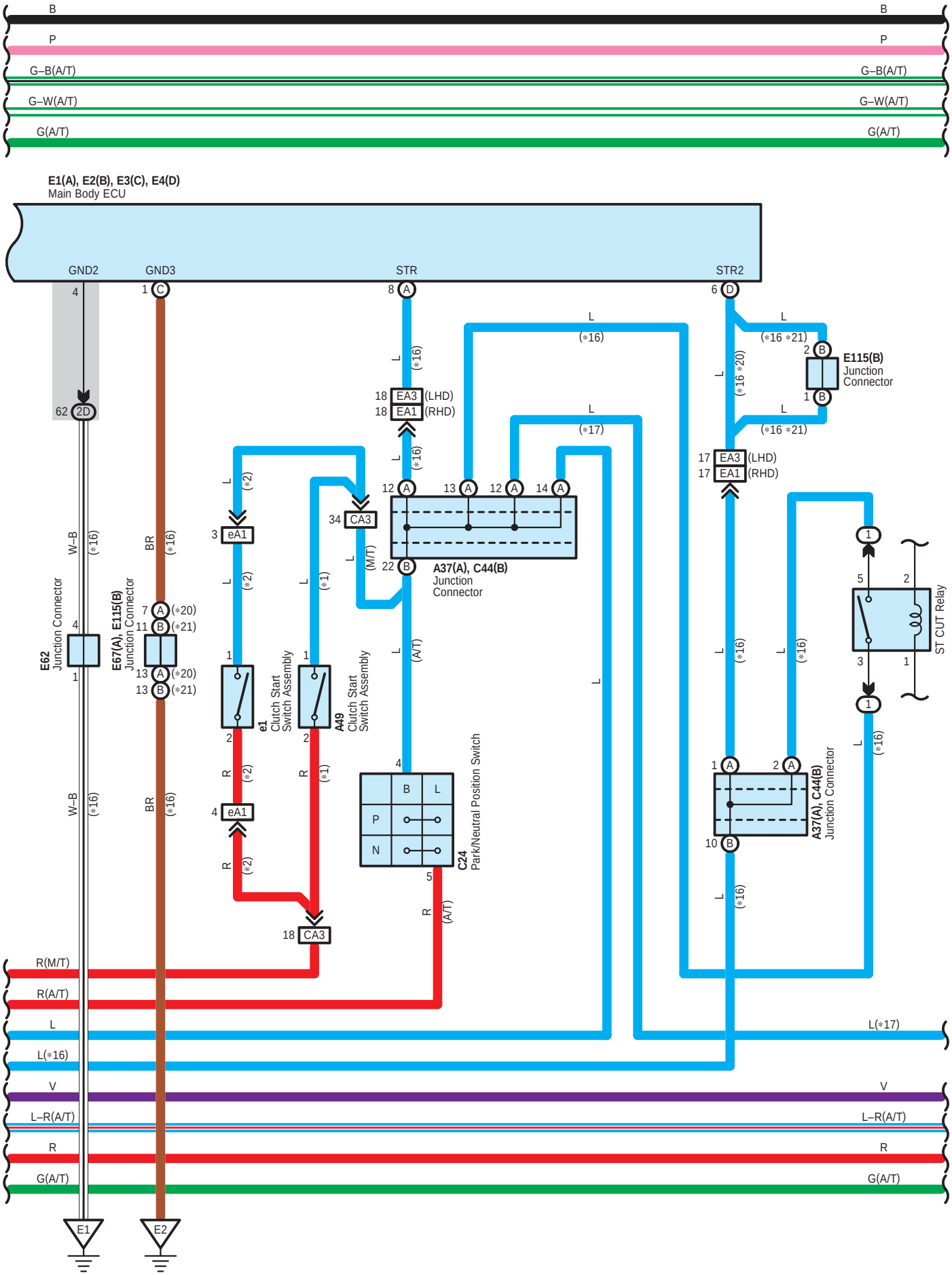

∗ 1 : LHD M/T
∗ 2 : RHD M/T
∗ 3 : Shielded
(IG)
5A
LH–IG
10 2B
G
(∗2)
2 eA1
1 eA1
e2
Clutch Switch Assembly
A50
Clutch Switch Assembly
B
(∗2)
(∗1)
G
(M/T)
A31
Accelerator Pedal Sensor Assembly
VPA
VPA2
VCPA
VCP2
EPA
EPA2
R
GR
L
V
W
BE
42 A
42 D
53 A
53 D
54 A
54 D
55 A
55 D
56 A
56 D
57 A
57 D
58 A
58 D
(LHD)
(RHD)
CLSW
A38(A), A52(D), C45(B), C46(C)
ECM
C89(A), C90(B)
DC Motor and Nozzle Vane Position Sensor RH
M+
M–
VNVC
VNE2
VCS
E2S
VTA
VTA1
BR
10 CA1
11 CA4
10 CA4
9 CA4
19 CA4
8 CA4
3 CA1
12 CA1
1 CA1
1 CA4
(∗3)
R–G
W–G
B–Y
BR–W
2 GND
17 GND2
3 M+
10 M–
6 VNVC
12 VNE2
7 VCS
13 E2S
22 VTA
21 VTAI
A48
Turbo Motor Driver
C8

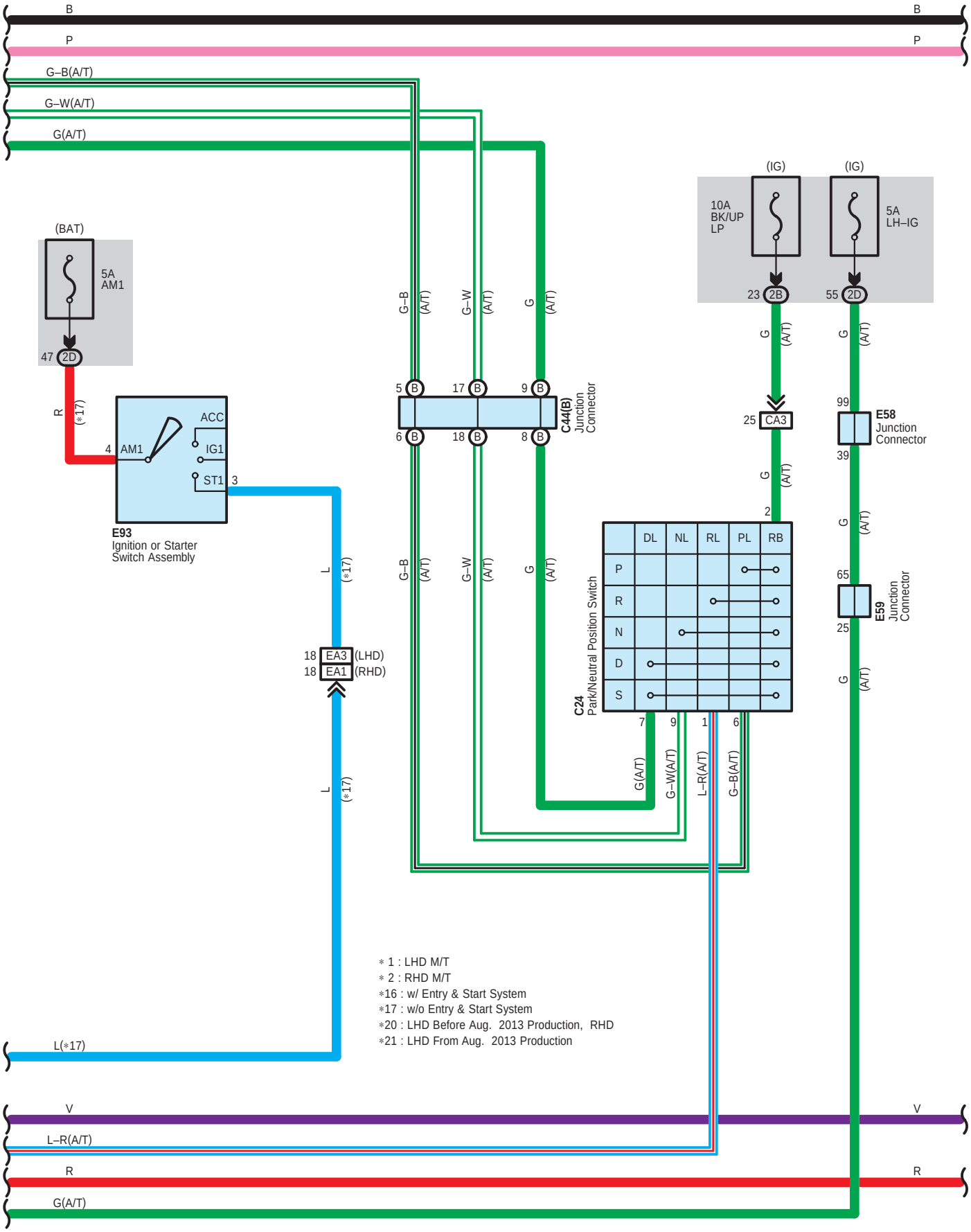

(BAT)
(IG)
15A
STOP
10A
IGN
E22
DLC3
TC
TAC
E28
ID Code Box
EFIO
EFII
E96
Transponder Key
ECU Assembly
A30
Stop Light
Switch Assembly
E58
Junction
Connector
(LHD)
(RHD)
STP
ST1–
TACH
IMI
IMO
A38(A), A52(D), C45(B), C46(C)
ECM
E1
E02
E01
ETHA
THO1
THO2
S1
S2
S3
S4
SR
OT1+
OT2+
OT1–
OT2–
C34(A), C96(B)
Electronically Controlled
Transmission Solenoid
C8
C7

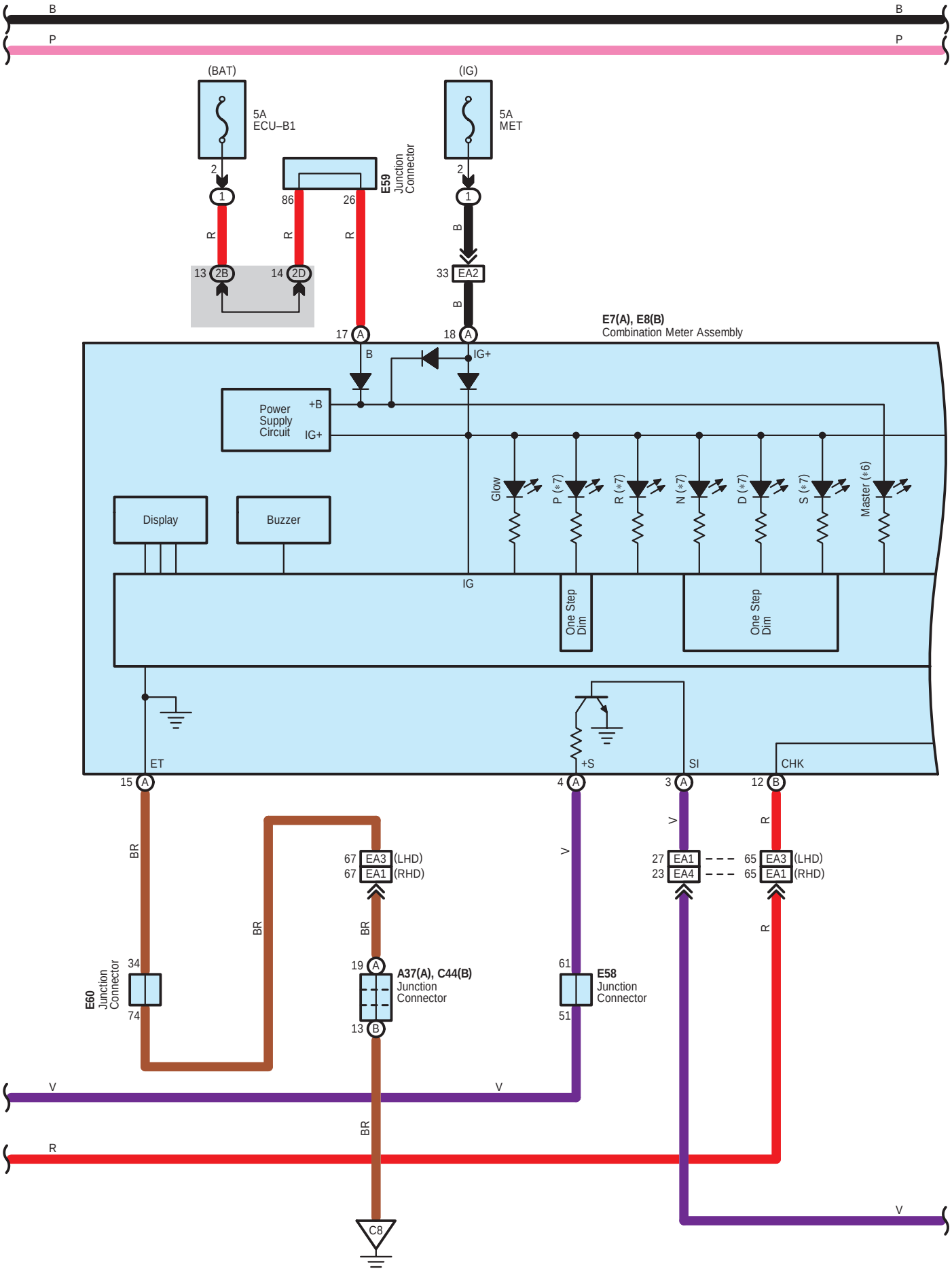

∗ 4 : w/ Rear A/C
∗ 5 : w/o Rear A/C
∗16 : w/ Entry & Start System
∗17 : w/o Entry & Start System
∗18 : w/ Steering Pad Switch
∗19 : w/o Steering Pad Switch
C92(C)
Generator Assembly
A27(A)
Four Wheel Drive Control ECU
E36(B), E81(C)
A/C Amplifier Assembly
C95 Junction Connector
A37(A) Junction Connector
C36 Transmission Revolution Sensor (Counter Gear)
C35 Transmission Revolution Sensor (Turbine)
ALT
L4
TFN
ACT
AC1
SP2+
SP2–
NT+
NT–
A38(A), A52(D), C45(B), C46(C)
ECM
SLT+
SLT–
SLU+
SLU–
SL1+
SL1–
SL2+
SL2–
CCS
C34(A), C96(B)
Electronically Controlled Transmission Solenoid
E12(A), z37(D), z61(E)
Spiral Cable Sub–Assembly
CCS
ECC
z37(D), z61(E)
Cruise Control Main Switch
ON–OFF
+ RES
– SET
CANCEL
E60
Junction Connector
A37(A), C44(B)
Junction Connector
C8

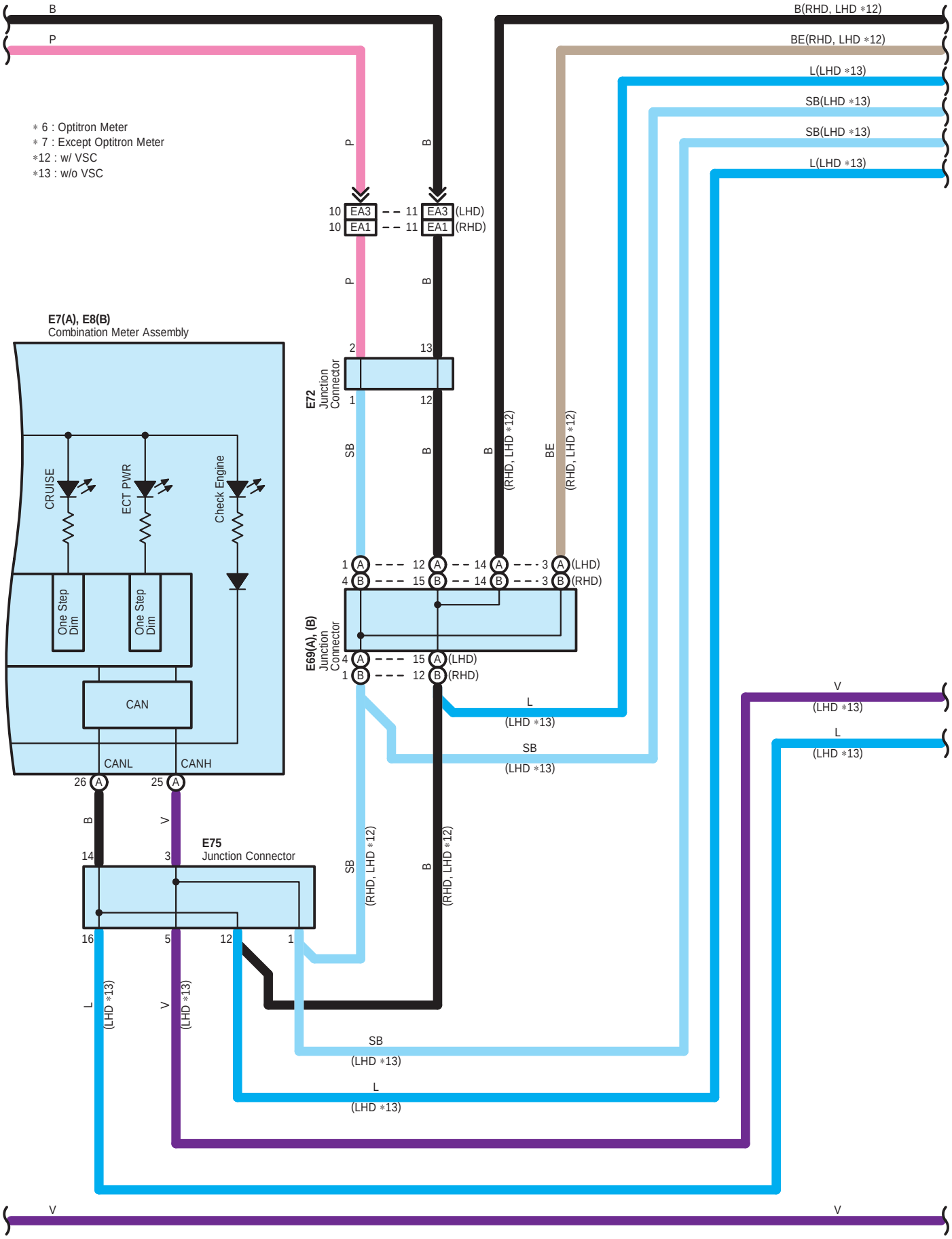

B
P
G–B(A/T)
G–W(A/T)
G(A/T)
(BAT)
(BAT)
(BAT)
(IG)
(ACC)
5A AM2
25A DOOR NO. 2
25A DOOR NO. 1
10A ECU–IG No. 2
7. 5A ACC
2
1
W
(*16)
L
(*16)
36 EA2
W
(*16)
L(*16)
W(*16)
B
P
G–B (A/T)
G–W (A/T)
G (A/T)
49 A 41 A 31 B 29 B 28 B (LHD)
49 D 41 D 31 C 29 C 28 C (RHD)
CANL
CANH
P
N
D
A38(A), A52(D), C45(B), C46(C)
ECM
PWR
SNWI
SFTU
SFTD
S
47 A 17 A 60 A 59 A 25 A (LHD)
47 D 17 D 60 D 59 D 25 D (RHD)
L–B (A/T)
P(A/T)
V (A/T)
L (A/T)
W (A/T)
37 EA3 38 EA3 35 EA3 34 EA3 (LHD) 36 EA3 (LHD)
37 EA1 38 EA1 35 EA1 34 EA1 (RHD) 36 EA1 (RHD)
L (A/T)
P (A/T)
V (A/T)
L (A/T)
W (A/T)
8 VE3
9 VE3
84
27
E58 Junction Connector
E59 Junction Connector
94
17
V (A/T)
L (A/T)
W–B (A/T)
5
2
1
E
SFTU
SFTD
IG
S
E52 Transmission Control Switch
3
7
G (A/T)
W (A/T)
G (A/T)
V4(A), (B) Suspension Control Switch
L (A/T)
16 A (*26)
3 B (*25)
P
ECT Switch
E
2ND
20 A 17 A (*26)
16 B 4 B (*25)
P(A/T)
E60 Junction Connector
79
19
W–B (A/T)
12
9
1
E66 Junction Connector
W–B (A/T)
1 VE3
W–B (A/T)
E2

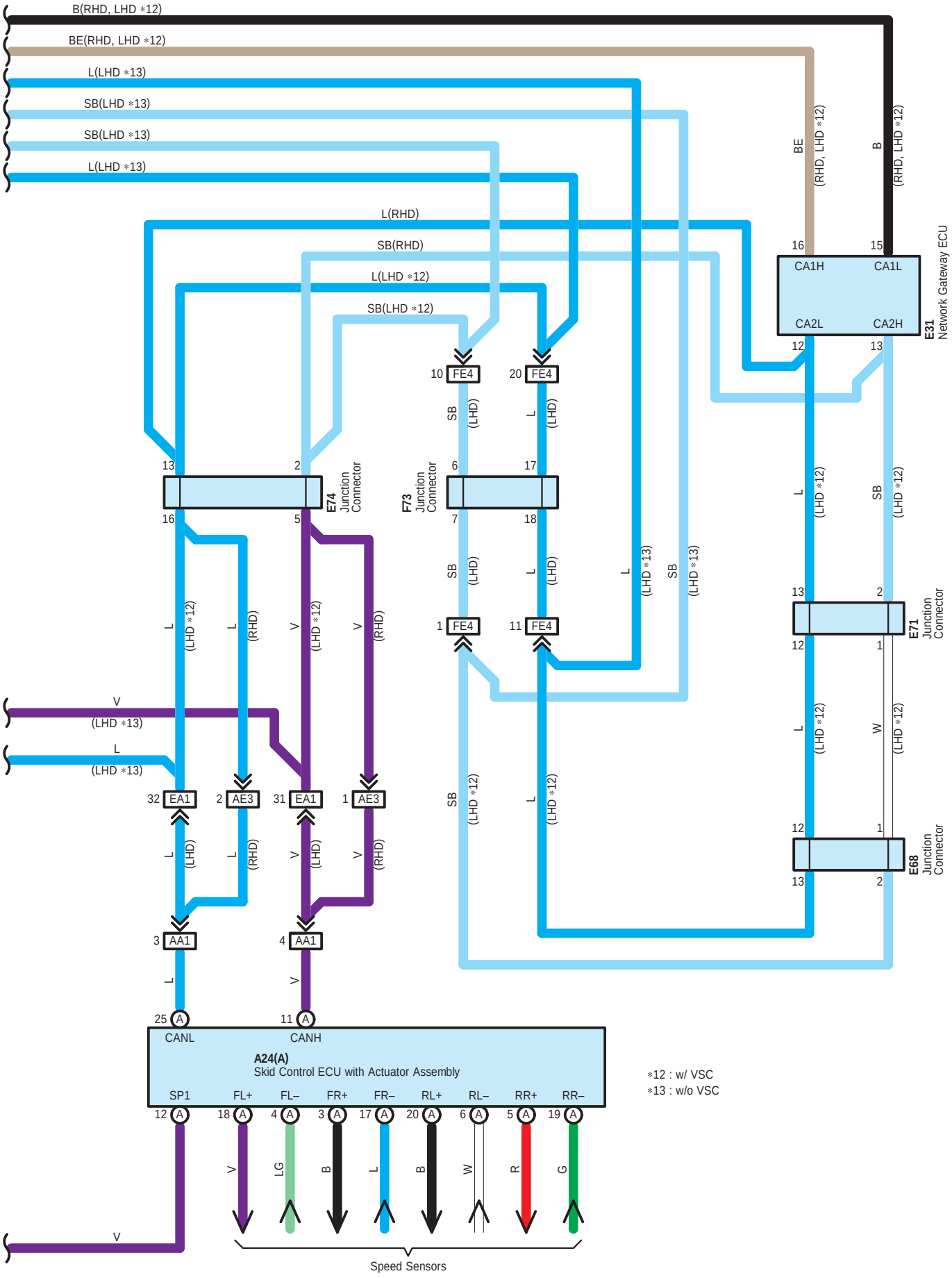

B
P
G–B(A/T)
G–W(A/T)
G(A/T)
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
ACC
IG
ALTB
BATB
AM1
AM2
ACCR
STSW
E59
Junction Connector
A34
Junction Connector
A38(A), A52(D), C45(B), C46(C)
ECM
W
R
SPD
STAR
NSW
STA
ST Relay
CA1
∗16 : w/ Entry & Start System
∗25 : w/ Crawl
∗26 : w/o Crawl
R(M/T)
R(A/T)
L
L(∗16)
V
L–R(A/T)
R
G(A/T)
G
(A/T)


B
P
G–B(A/T)
G–W(A/T)
G(A/T)
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
GND2
GND3
STR
STR2
62 2D
1 C
8 A
6 D
18 EA3 (LHD)
18 EA1 (RHD)
17 EA3 (LHD)
17 EA1 (RHD)
E115(B) Junction Connector
A37(A), C44(B) Junction Connector
E62 Junction Connector
E67(A), E115(B) Junction Connector
e1 Clutch Start Switch Assembly
A49 Clutch Start Switch Assembly
C24 Park/Neutral Position Switch
ST CUT Relay
34 CA3
18 CA3
3 eA1
4 eA1
R(M/T)
R(A/T)
L
L(∗16)
L(∗17)
V
L–R(A/T)
R
G(A/T)
E1
E2

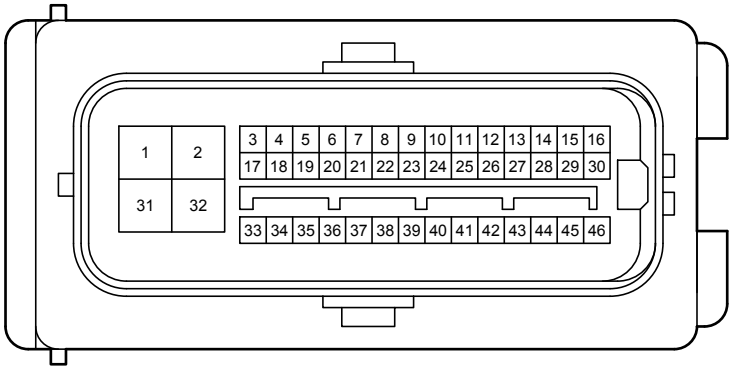

B
P
G–B(A/T)
G–W(A/T)
G(A/T)
(BAT)
5A
AM1
47 2D
R
(∗17)
4 AM1
ACC
IG1
ST1 3
E93
Ignition or Starter
Switch Assembly
L
(∗17)
18 EA3 (LHD)
18 EA1 (RHD)
L(∗17)
G–B
G–W
G
(A/T)
5 B
17 B
9 B
6 B
18 B
8 B
C44(B)
Junction
Connector
(IG)
10A
BK/UP
LP
23 2B
5A
LH–IG
55 2D
25 CA3
2
99
E58
Junction
Connector
39
65
E59
Junction
Connector
25
DL
NL
RL
PL
RB
P
R
N
D
S
C24
Park/Neutral Position Switch
7
9
1
6
G(A/T)
G–W(A/T)
L–R(A/T)
G–B(A/T)
∗ 1 : LHD M/T
∗ 2 : RHD M/T
∗16 : w/ Entry & Start System
∗17 : w/o Entry & Start System
∗20 : LHD Before Aug. 2013 Production, RHD
∗21 : LHD From Aug. 2013 Production
V
L–R(A/T)
R
G(A/T)


B
P
(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction
Connector
86
26
2
1
R
13 2B
14 2D
33 EA2
B
17 A
18 A
E7(A), E8(B)
Combination Meter Assembly
IG+
Power
Supply
Circuit
+B
IG+
Display
Buzzer
Glow
P (*7)
R (*7)
N (*7)
D (*7)
S (*7)
Master (*6)
IG
One Step
Dim
One Step
Dim
ET
+S
SI
CHK
15 A
4 A
3 A
12 B
BR
V
R
67 EA3 (LHD)
67 EA1 (RHD)
27 EA1
23 EA4
65 EA3 (LHD)
65 EA1 (RHD)
E60
Junction
Connector
34
74
19 A
13 B
A37(A), C44(B)
Junction
Connector
61
51
E58
Junction
Connector
C8

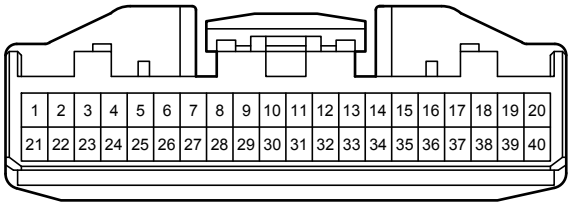

B
P
∗ 6 : Optitron Meter
∗ 7 : Except Optitron Meter
∗12 : w/ VSC
∗13 : w/o VSC
B(RHD, LHD ∗12)
BE(RHD, LHD ∗12)
L(LHD ∗13)
SB(LHD ∗13)
SB(LHD ∗13)
L(LHD ∗13)
10 EA3 11 EA3 (LHD)
10 EA1 11 EA1 (RHD)
E7(A), E8(B)
Combination Meter Assembly
CRUISE
ECT PWR
Check Engine
One Step Dim
One Step Dim
CAN
CANL
CANH
26 A
25 A
E72
Junction Connector
2
13
1
12
E69(A), (B)
Junction Connector
1 A 12 A 14 A 3 A (LHD)
4 B 15 B 14 B 3 B (RHD)
4 A 15 A (LHD)
1 B 12 B (RHD)
E75
Junction Connector
14
3
16
5
12
1
(RHD, LHD ∗12)
(LHD ∗13)
V
V


B(RHD, LHD *12)
BE(RHD, LHD *12)
L(LHD *13)
SB(LHD *13)
SB(LHD *13)
L(LHD *13)
L(RHD)
SB(RHD)
L(LHD *12)
SB(LHD *12)
BE (RHD, LHD *12)
B (RHD, LHD *12)
16 CA1H
15 CA1L
CA2L
CA2H
12
13
E31 Network Gateway ECU
10 FE4
20 FE4
SB (LHD)
L (LHD)
13
2
E74 Junction Connector
16
5
F73 Junction Connector
6
17
7
18
1 FE4
11 FE4
L (LHD *12)
L (RHD)
V (LHD *12)
V (RHD)
L (LHD *13)
SB (LHD *13)
13
2
E71 Junction Connector
12
1
W (LHD *12)
12
1
E68 Junction Connector
13
2
V (LHD *13)
L (LHD *13)
32 EA1
2 AE3
31 EA1
1 AE3
3 AA1
4 AA1
25 A
11 A
CANL
CANH
A24(A)
Skid Control ECU with Actuator Assembly
SP1
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
12 A
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
V
LG
B
L
B
W
R
G
V
Speed Sensors
*12 : w/ VSC
*13 : w/o VSC

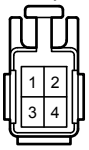
A 24
Black



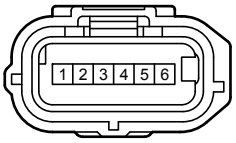
A 27
Black



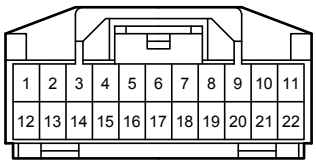
A 30
Gray



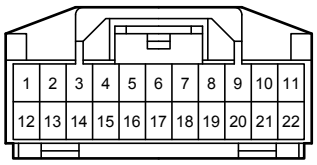
A 31
Black



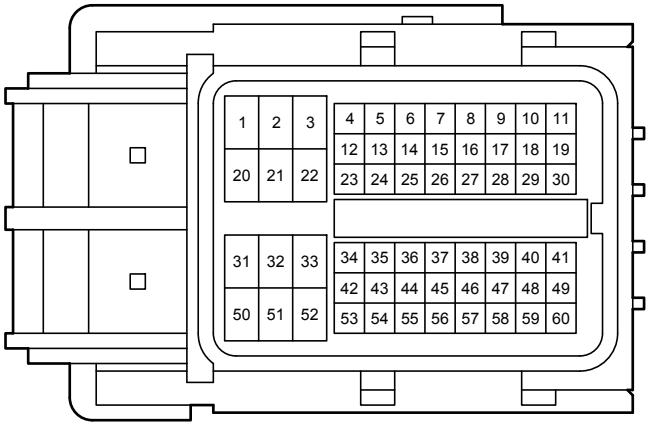
A 34
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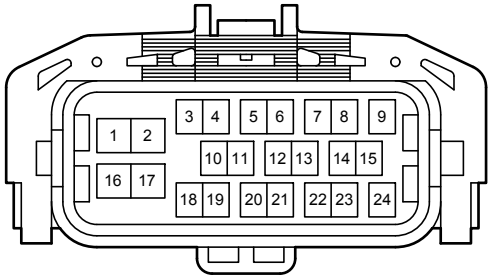
A 37
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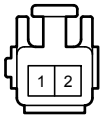
A 38
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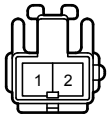
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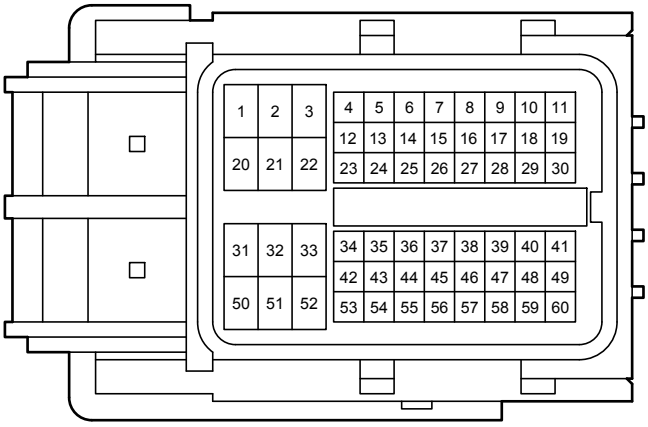
A 49
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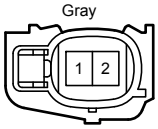
A 50
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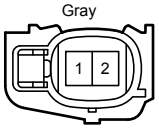
A 52
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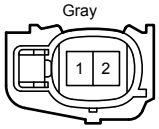
C 5
Gray



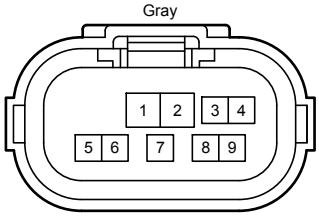
C 9
Gray



C 14
Gray



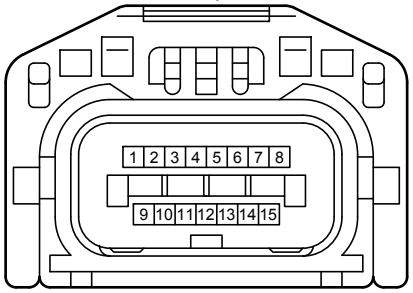
C 24
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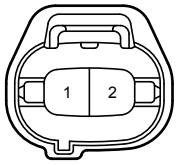
C 29
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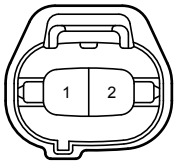
C 34
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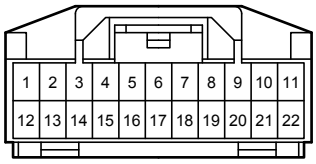
C 35
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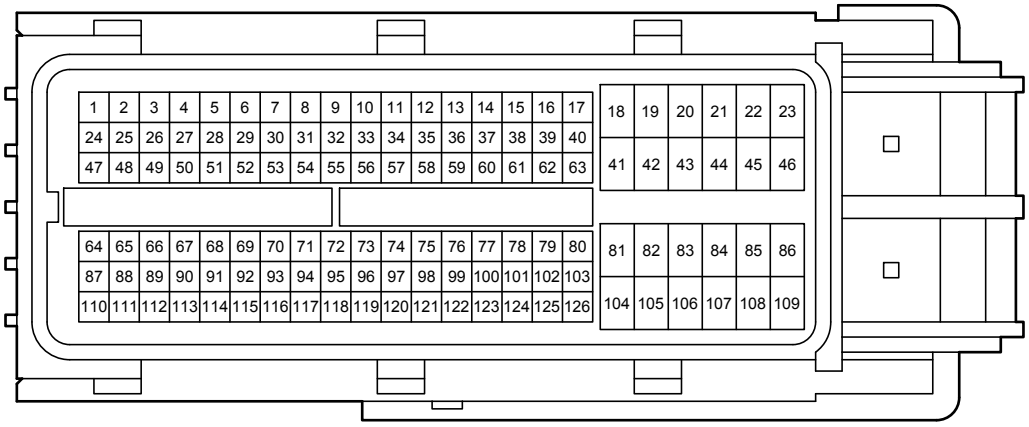
C 36
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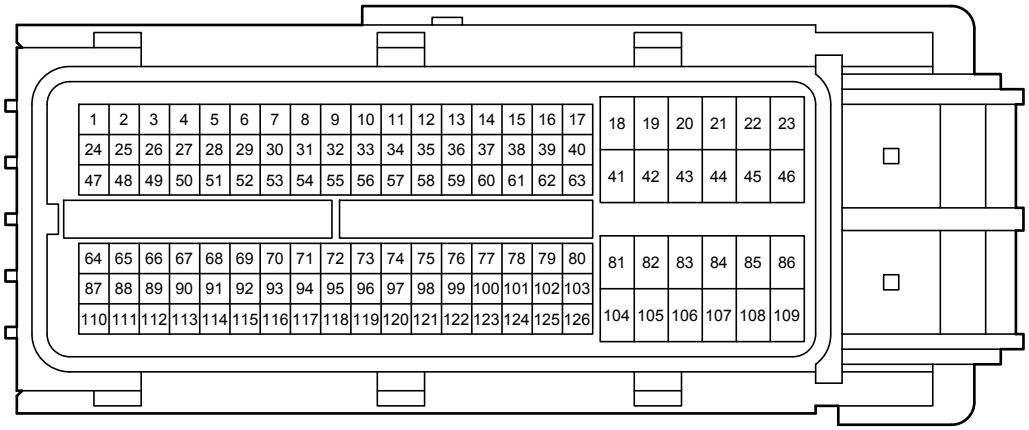
C 44
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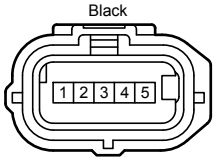
C 45
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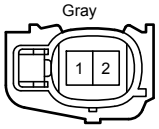
C 46
Black



C 50
Black



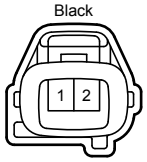
C 54
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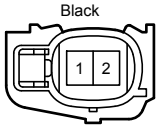
C 65
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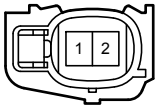
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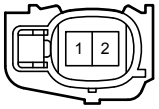
C 67
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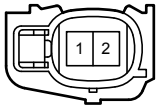
C 68
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C 69
Black



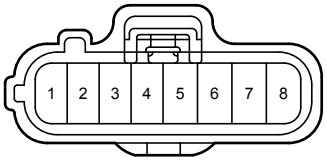
C 70
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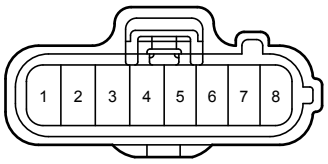
C 71
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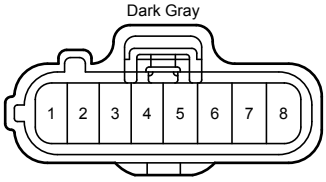
C 73
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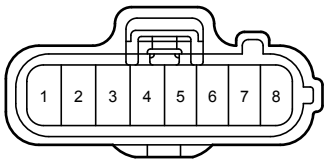
C 74
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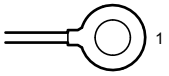
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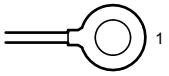
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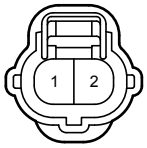
C 77



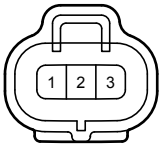
C 78



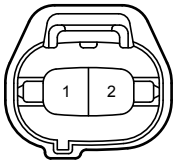
C 79
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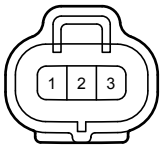
C 80
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C 81
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C 82
Black



C 83
Black



C 84
Black



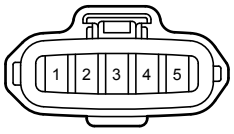
C 85
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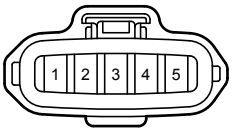
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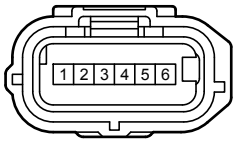
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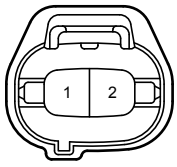
C 88
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C 89
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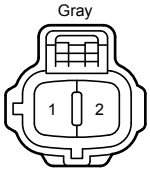
C 90
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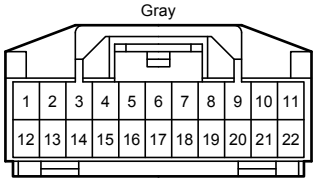
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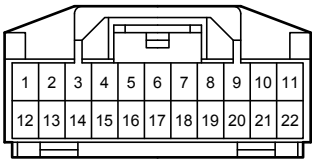
C 93
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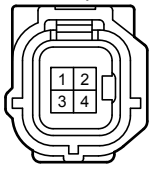
C 94
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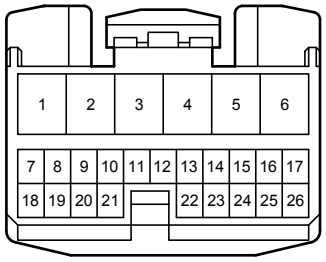
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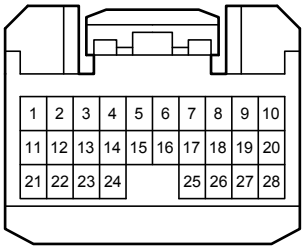
C 96
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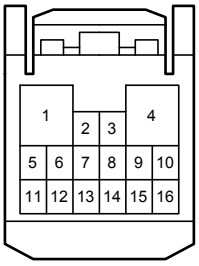
E 1
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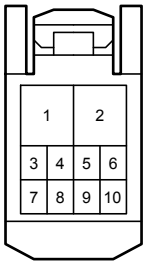
E 2
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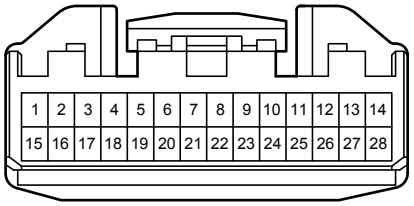
E 3
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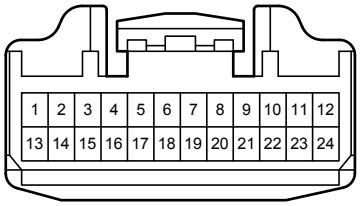
E 4
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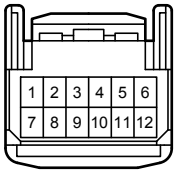
E 7
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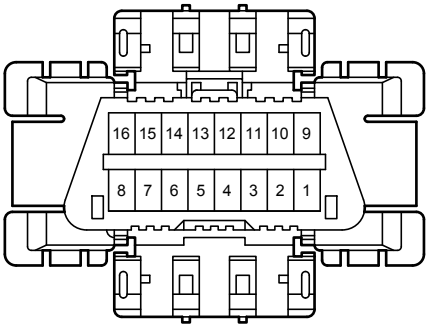
E 8
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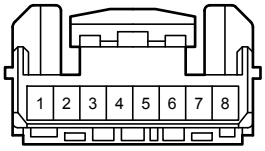
E 12
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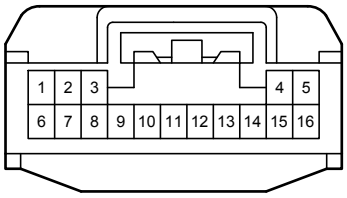
E 22
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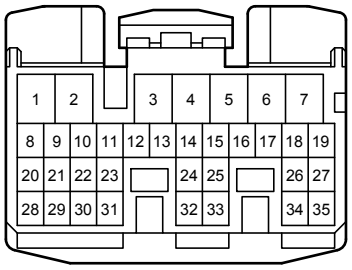
E 28
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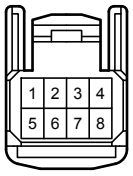
E 31
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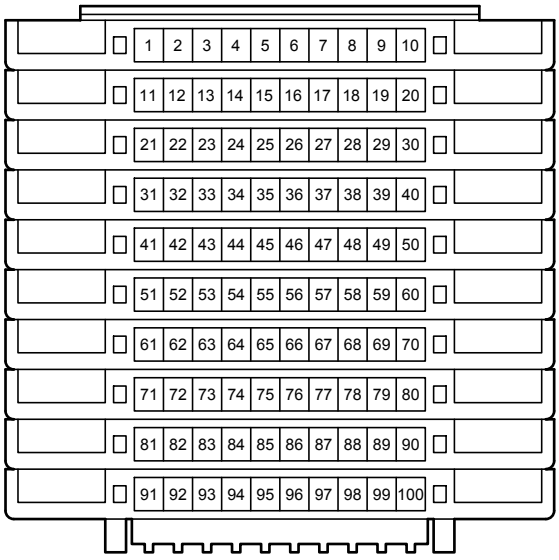
E 36
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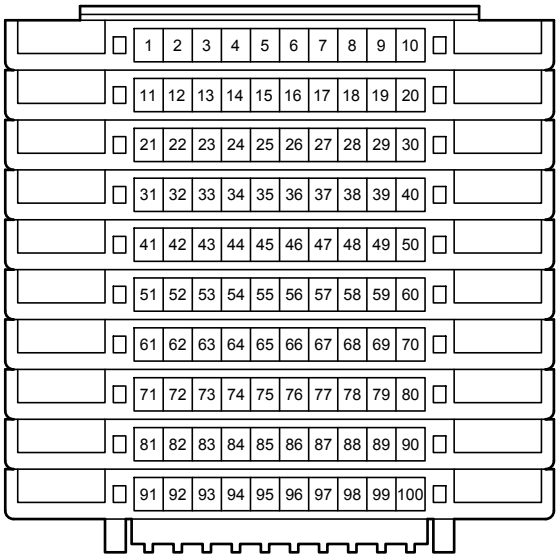
E 52
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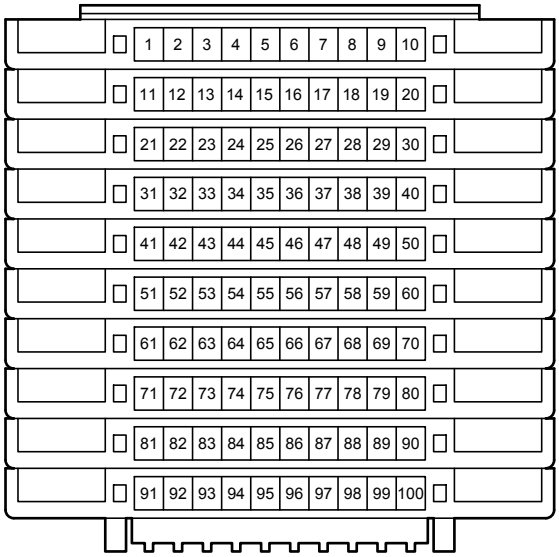
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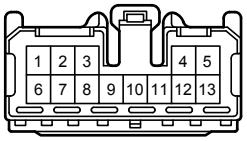
E 59



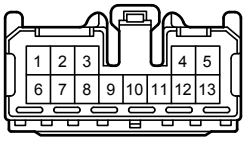
E 60



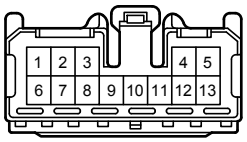
E 62
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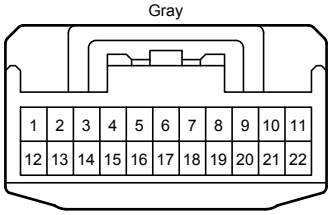
E 66
White



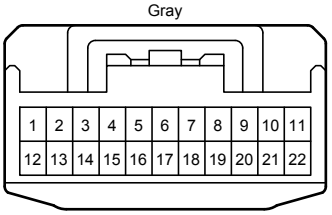
E 67
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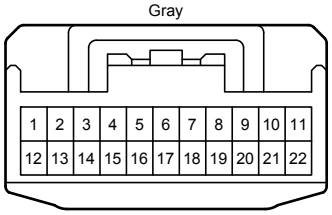
E 68
Gray



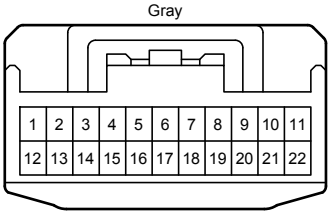
E 69
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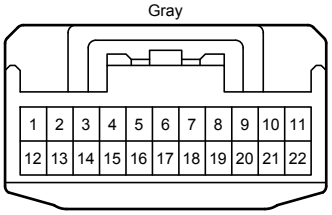
E 71
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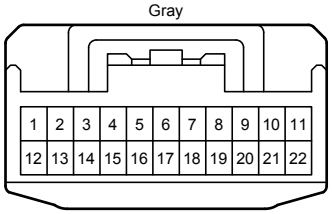
E 72
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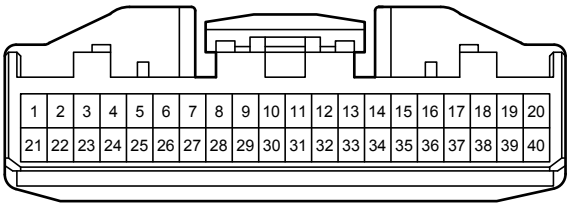
E 74
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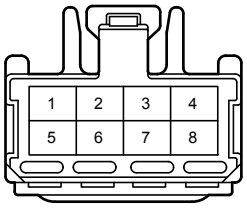
E 75
Gray



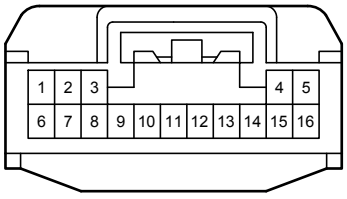
E 81
White



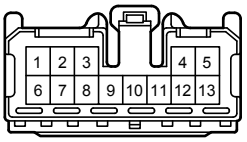
E 93
White



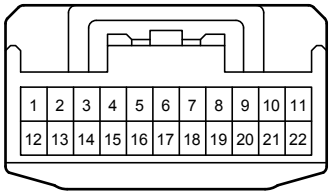
E 96
Black



E115
White



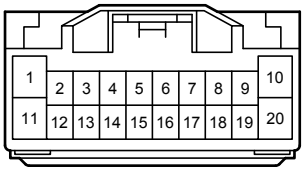
F 73
Blue



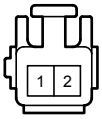
N 1
White



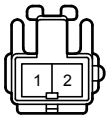
V 4
White



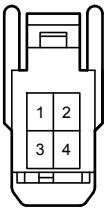
e 1
Black



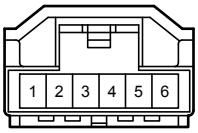
e 2
White



z 37
White



z 61
White



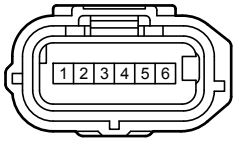
z 64
Gray



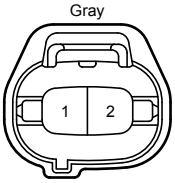
z 65
Gray



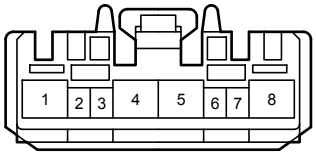
z 66
Black



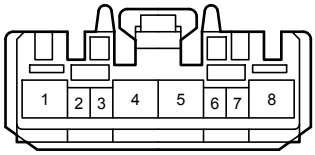
z 67
Gray



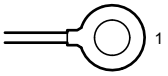
1A
White



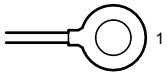
1B
White



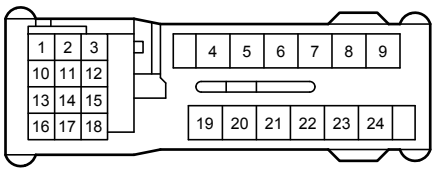
1M



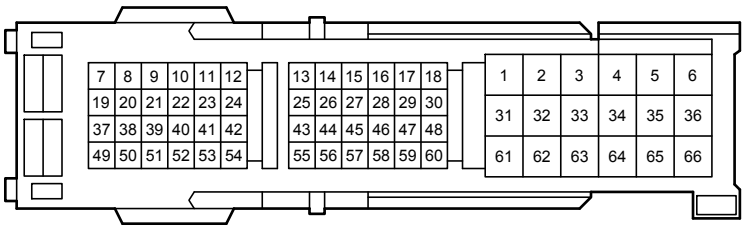
1N



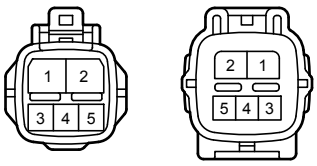
2B
White



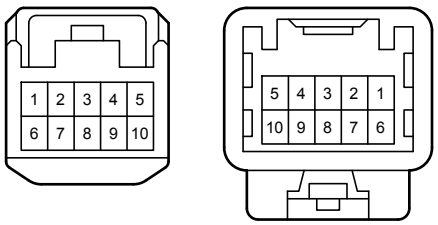
2D
White



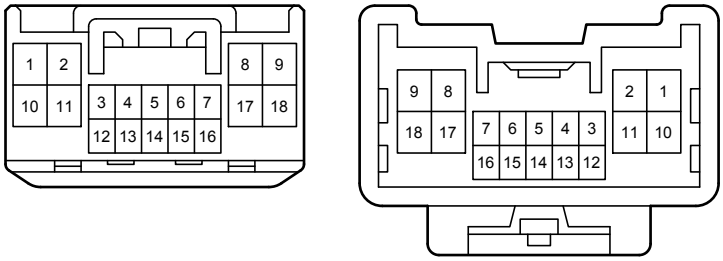
AA1
Gray



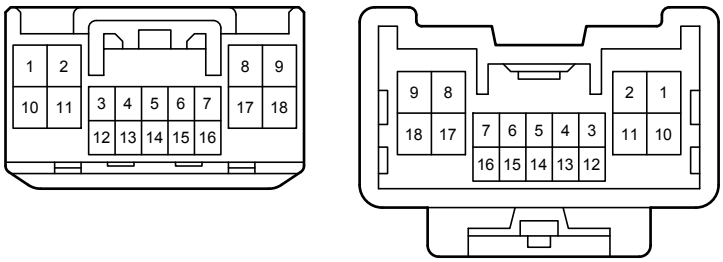
AE3
Gray



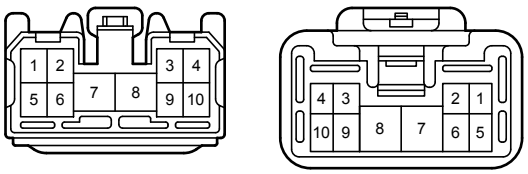
AK2
Gray



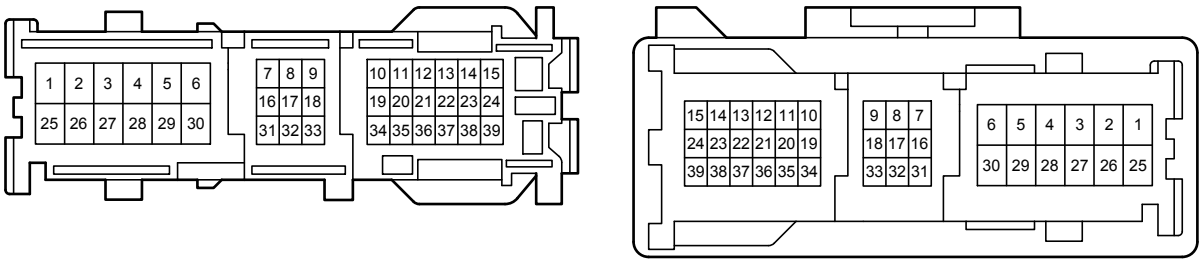
CA1
White



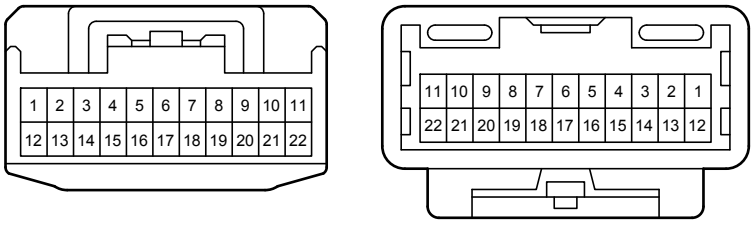
CA2
White



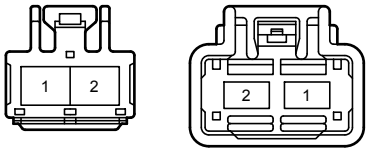
CA3
White



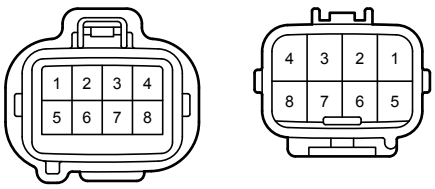
CA4
White



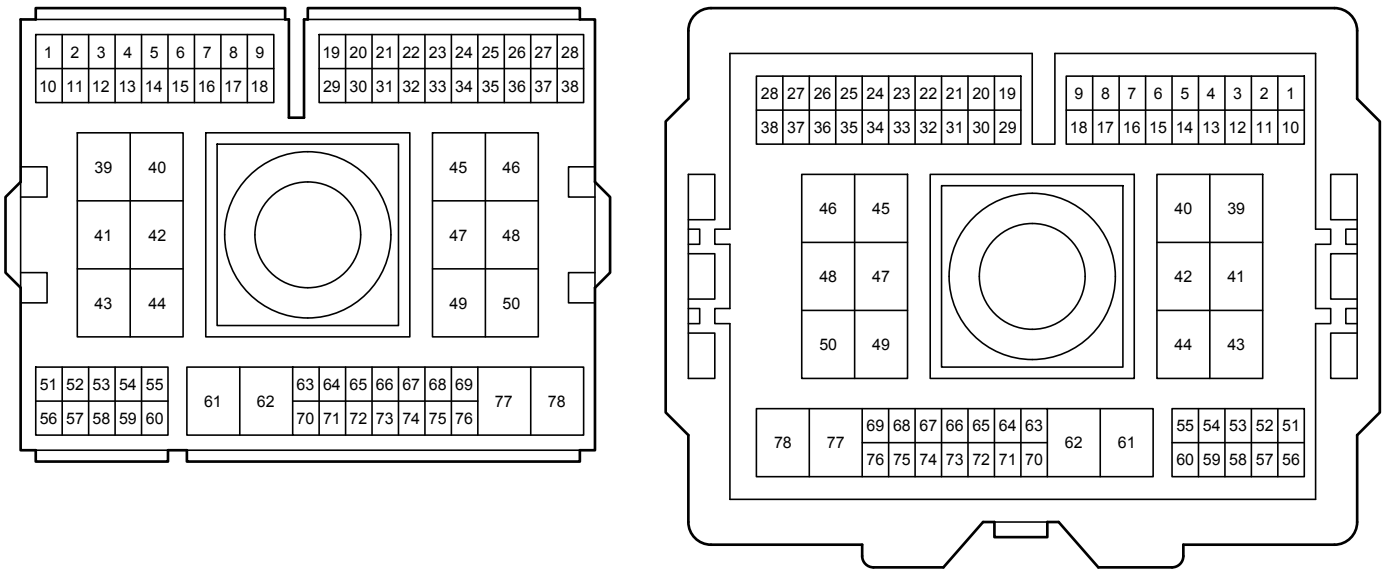
CA5
White



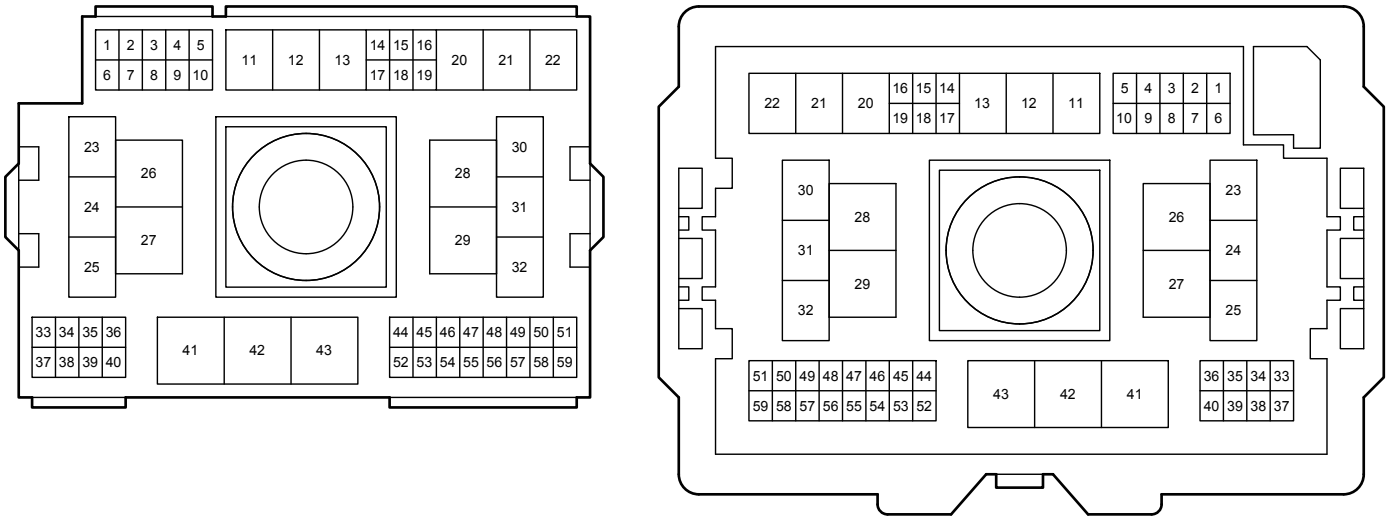
Cz1
Gray



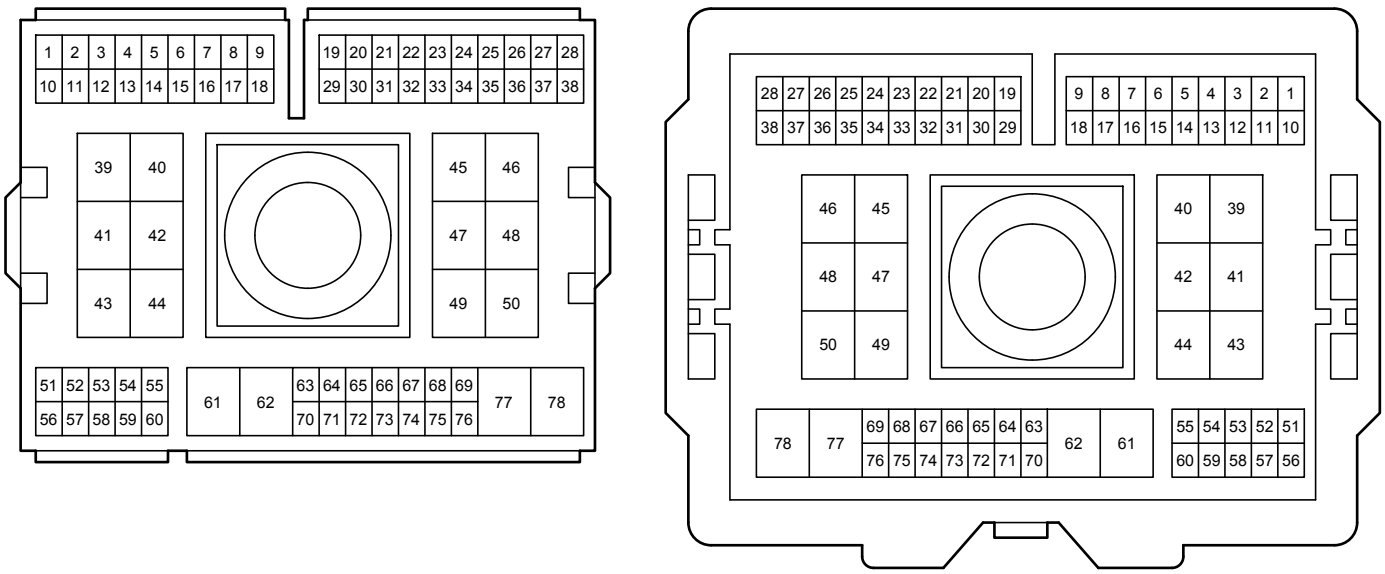
EA1
White



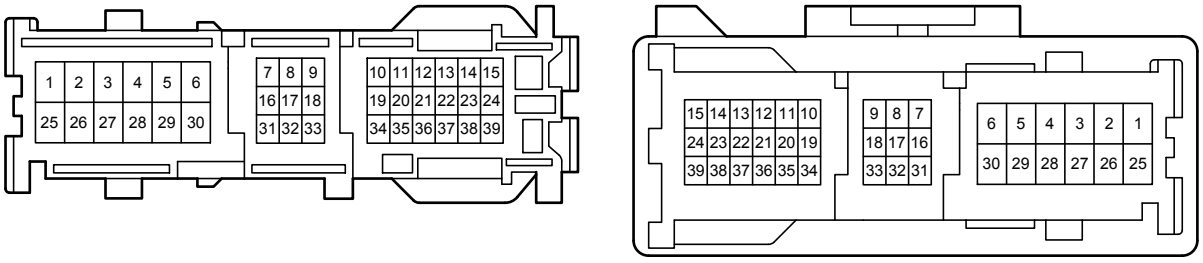
EA2
White
Gray



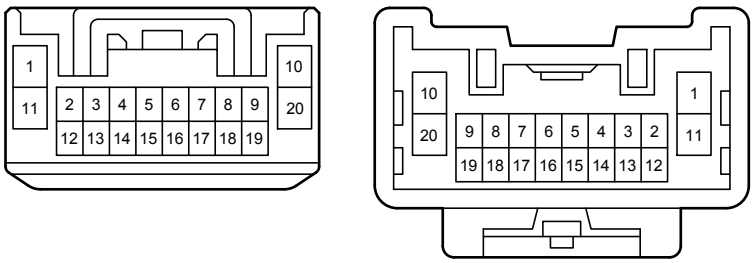
EA3
White



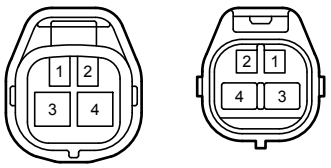
EA4
White



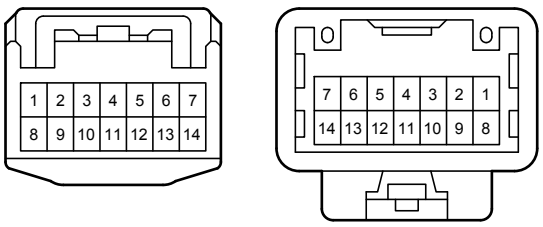
FE4
White



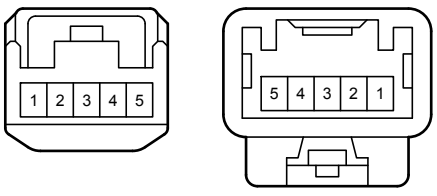
KN1
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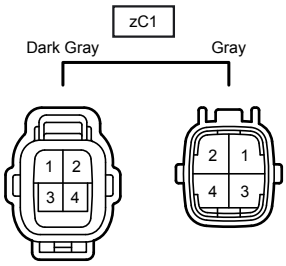


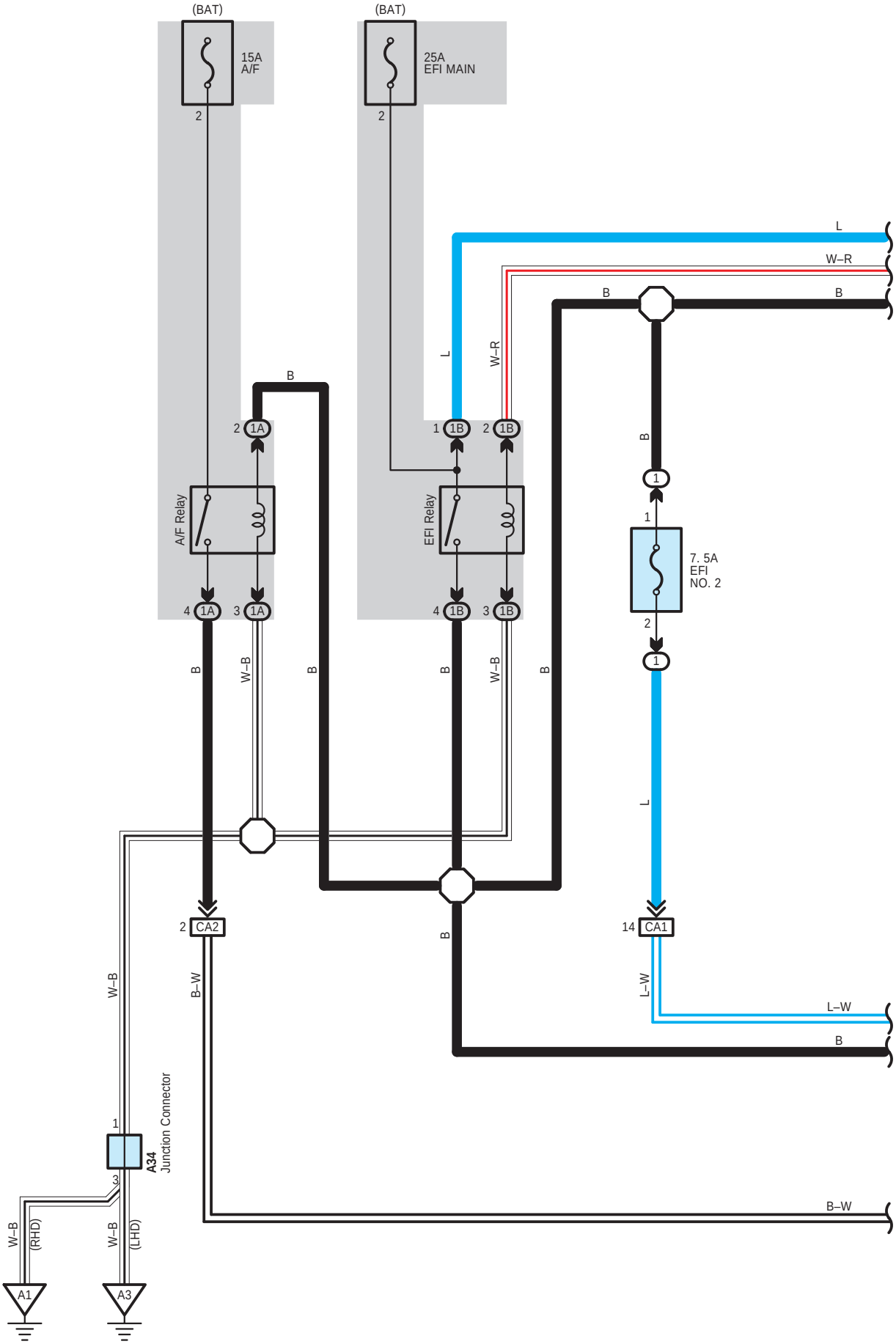
VE3
Gray

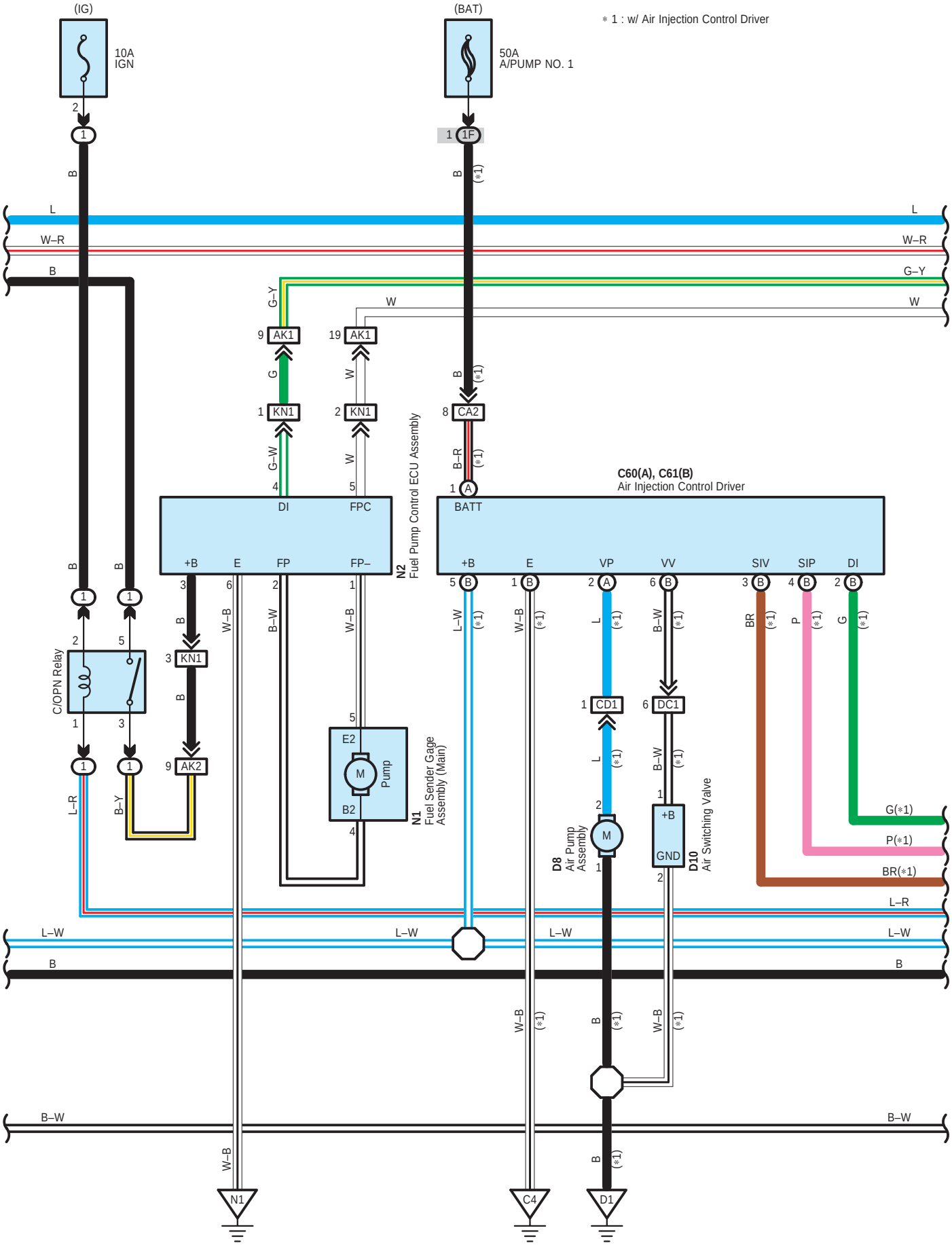


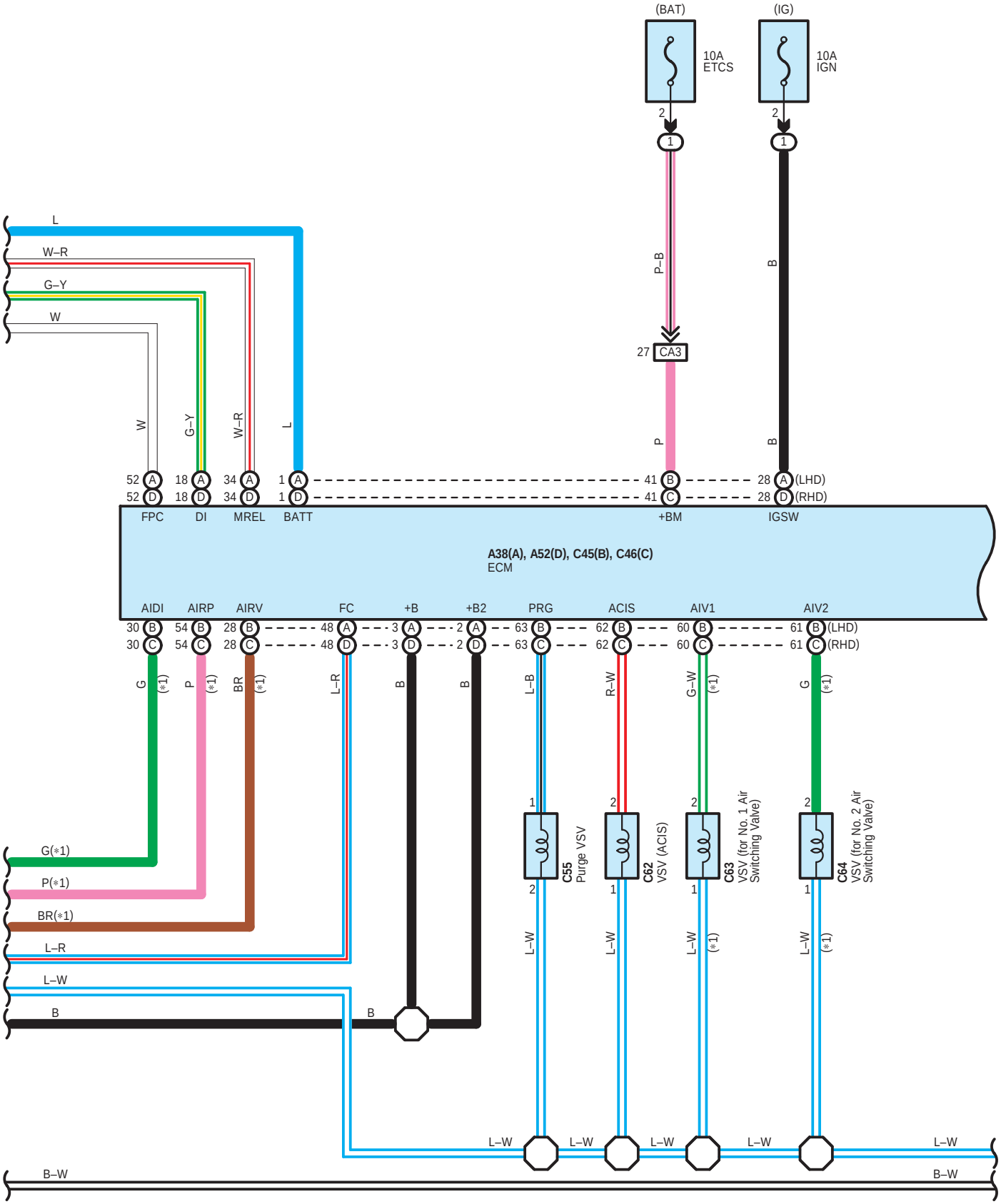
eA1
White

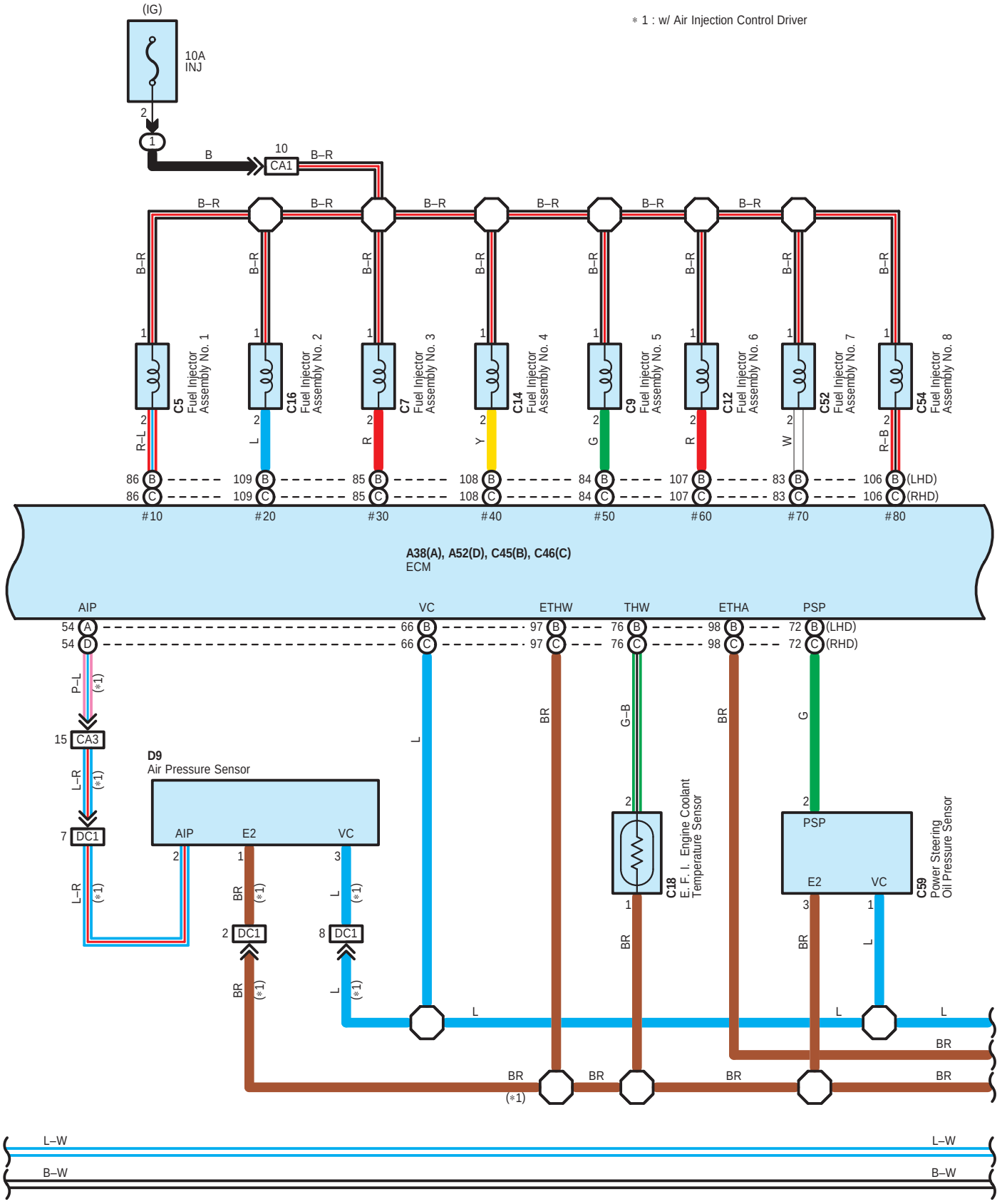


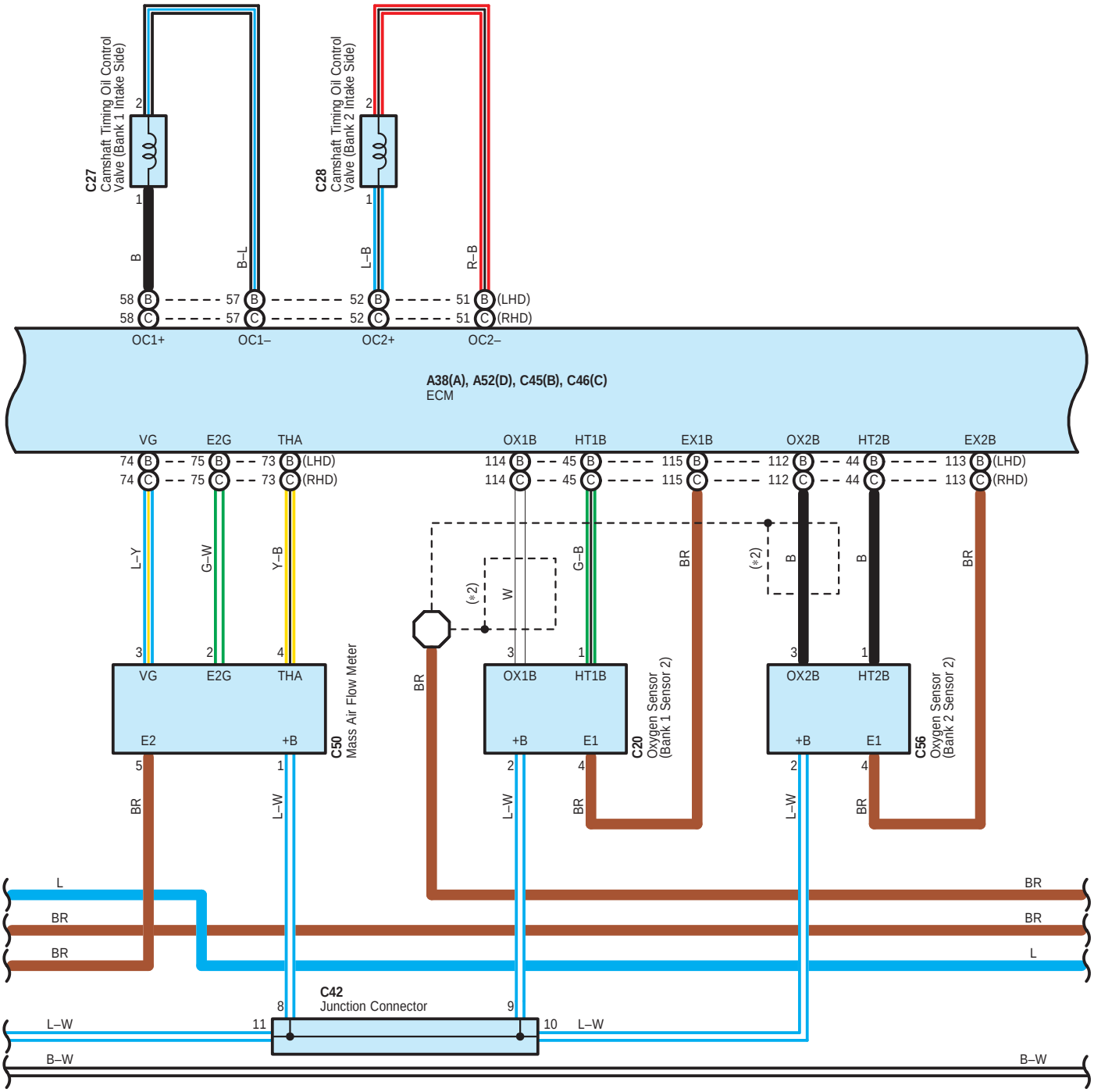

zC1
Dark Gray
Gray
1
2
3
4
2
1
4
3


(BAT)
15A
A/F
2
(BAT)
25A
EFI MAIN
2
L
W–R
B
B
L
W–R
B
2 1A
1 1B
2 1B
A/F Relay
EFI Relay
4 1A
3 1A
4 1B
3 1B
B
W–B
B
B
W–B
B
B
1
1
7. 5A
EFI
NO. 2
2
1
L
2 CA2
B
14 CA1
W–B
B–W
L–W
L–W
B
1
3
A34
Junction Connector
B–W
W–B
(RHD)
W–B
(LHD)
A1
A3

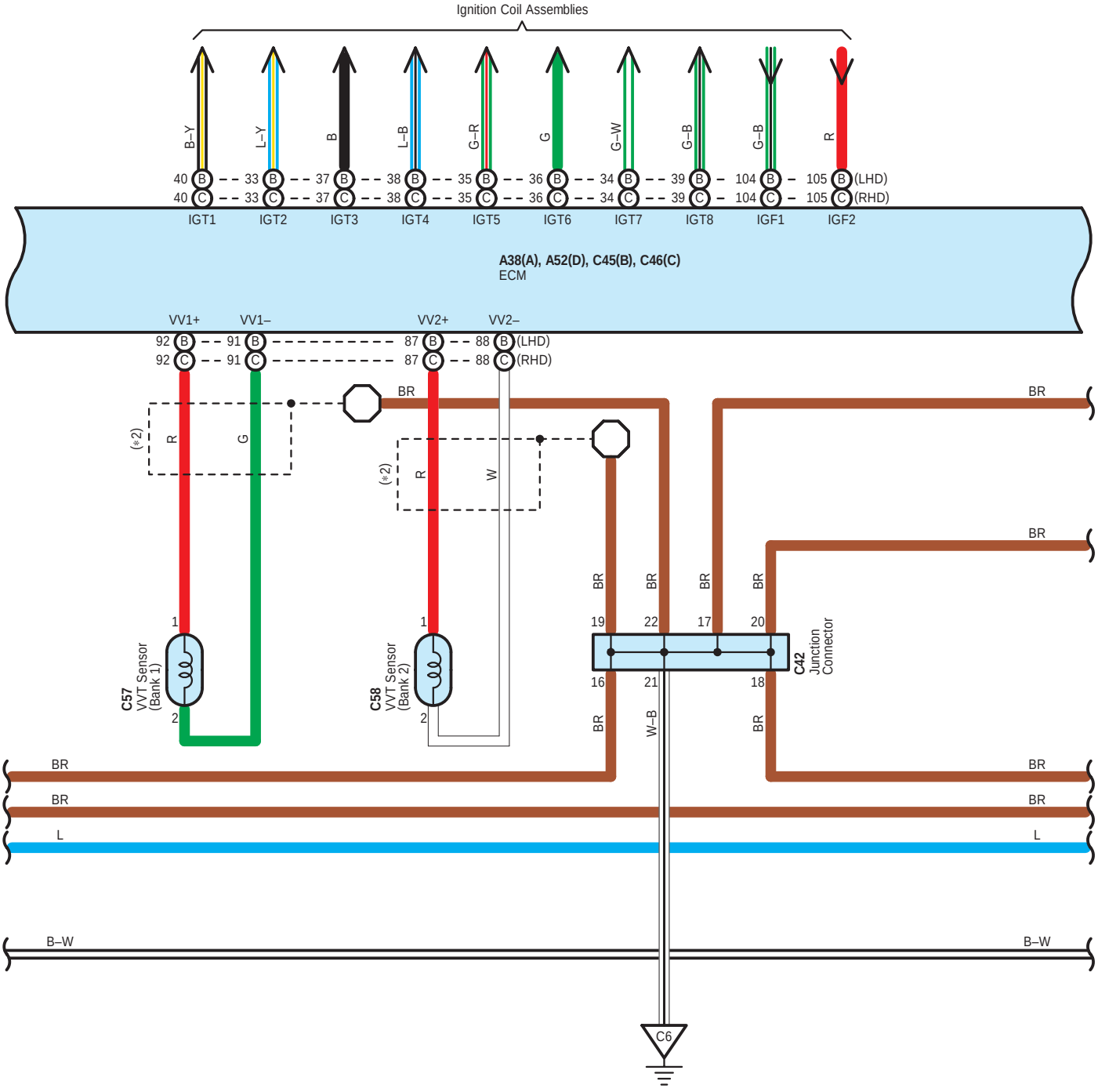

(IG)
10A
IGN
(BAT)
50A
A/PUMP NO. 1
∗ 1 : w/ Air Injection Control Driver
C60(A), C61(B)
Air Injection Control Driver
BATT
VP
VV
SIV
SIP
DI
+B
E
FP
FP–
DI
FPC
N2
Fuel Pump Control ECU Assembly
N1
Fuel Sender Gage Assembly (Main)
Pump
E2
B2
M
C/OPN Relay
KN1
KN2
AK1
AK2
CA2
CD1
DC1
D8
Air Pump Assembly
D10
Air Switching Valve
+B
GND
G(∗1)
P(∗1)
BR(∗1)
L–R
L–W
B
B–W
W–B
N1
C4
D1

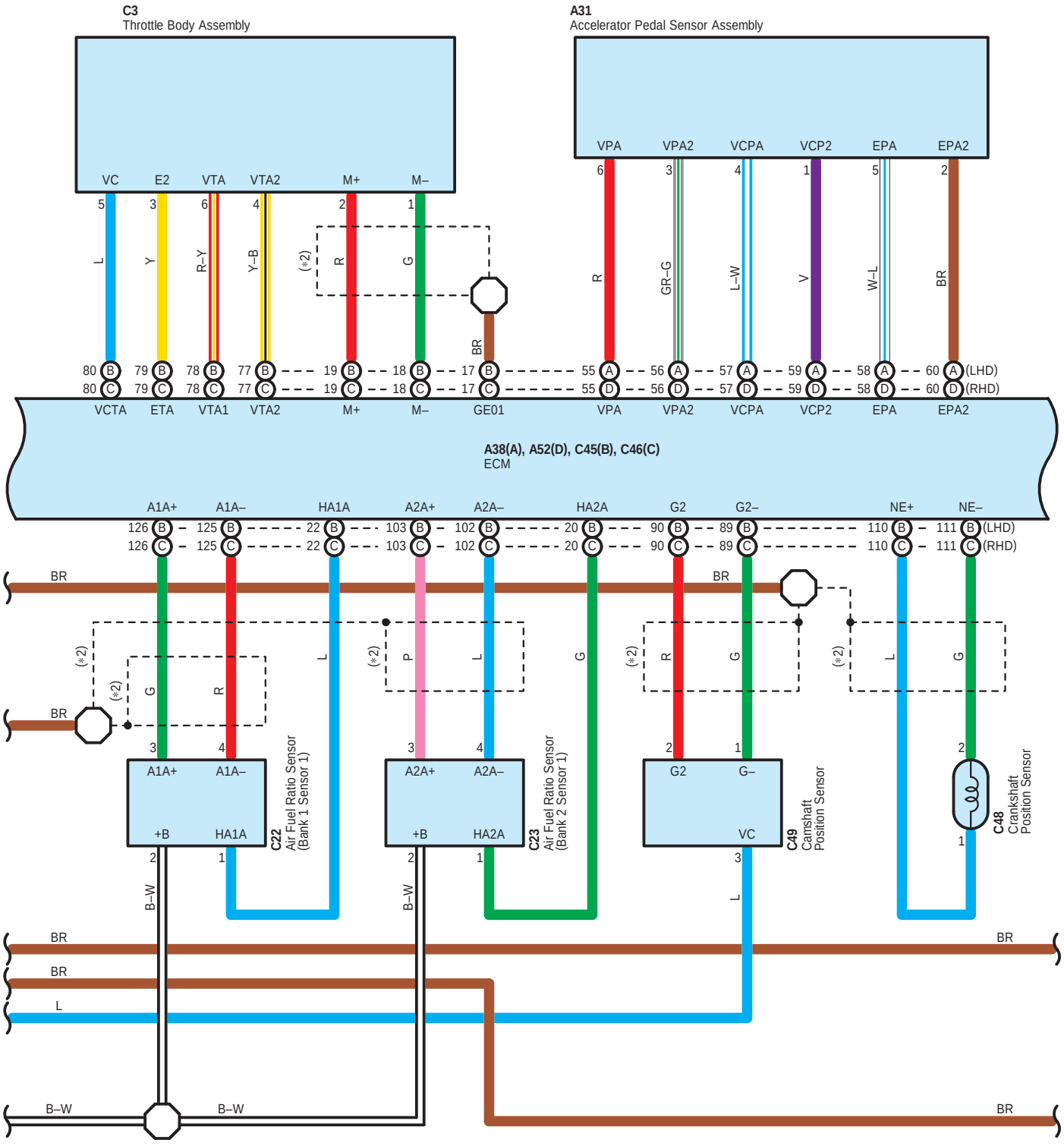

(BAT)
(IG)
10A
ETCS
10A
IGN
2
1
P–B
B
27 CA3
P
B
L
W–R
G–Y
W
W
G–Y
W–R
L
52 A
52 D
18 A
18 D
34 A
34 D
1 A
1 D
41 B
41 C
28 A (LHD)
28 D (RHD)
FPC
DI
MREL
BATT
+BM
IGSW
A38(A), A52(D), C45(B), C46(C)
ECM
AIDI
AIRP
AIRV
FC
+B
+B2
PRG
ACIS
AIV1
AIV2
30 B
30 C
54 B
54 C
28 B
28 C
48 A
48 D
3 A
3 D
2 A
2 D
63 B
63 C
62 B
62 C
60 B
60 C
61 B (LHD)
61 C (RHD)
G
P
BR
L–R
B
B
L–B
R–W
G–W
G
(*1)
C55
Purge VSV
C62
VSV (ACIS)
C63
VSV (for No. 1 Air Switching Valve)
C64
VSV (for No. 2 Air Switching Valve)
L–W
G(*1)
P(*1)
BR(*1)
L–R
L–W
B
B
L–W
B–W

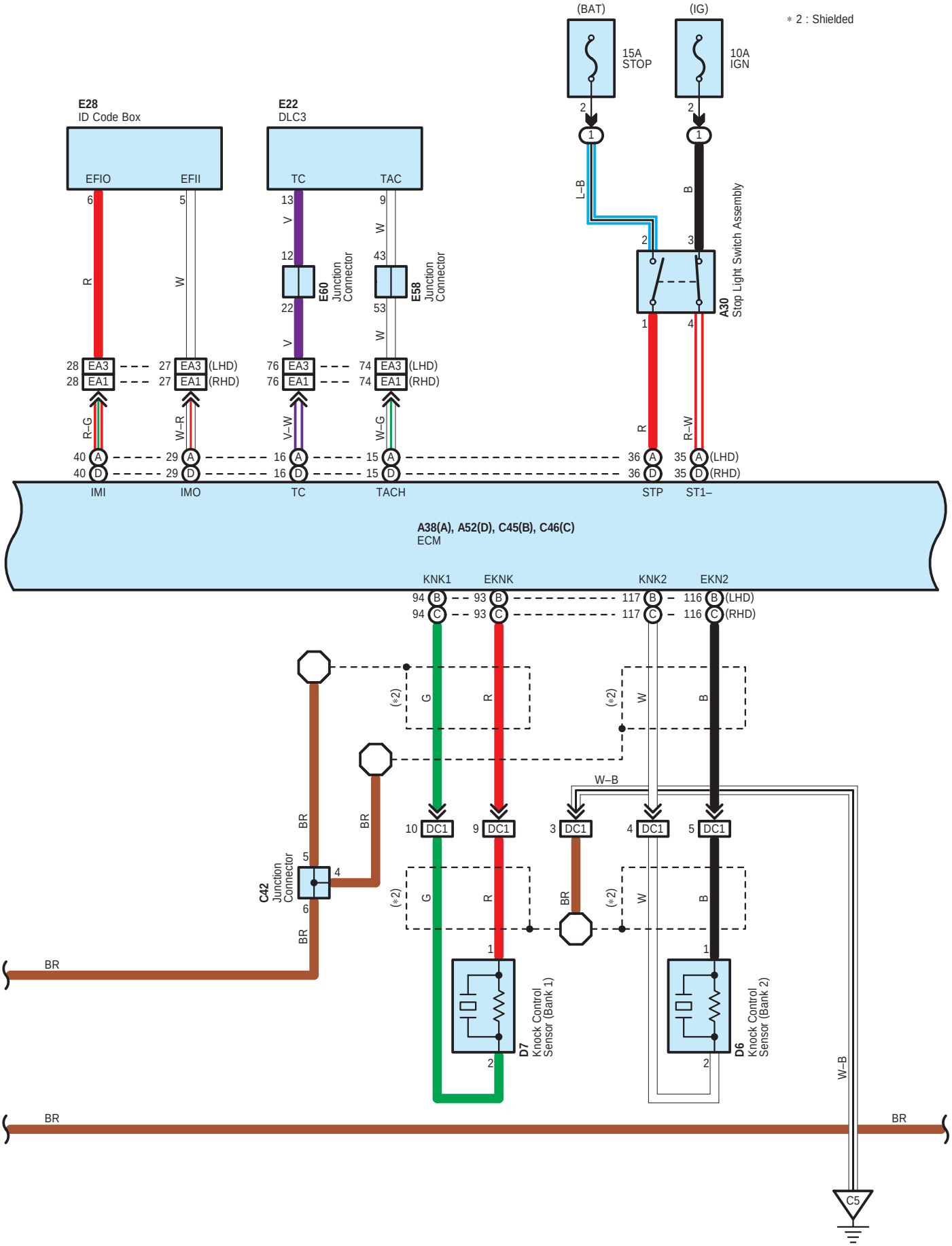

(IG)
10A
INJ
2
1
B
10
CA1
B–R
∗ 1 : w/ Air Injection Control Driver
C5 Fuel Injector Assembly No. 1
C16 Fuel Injector Assembly No. 2
C7 Fuel Injector Assembly No. 3
C14 Fuel Injector Assembly No. 4
C9 Fuel Injector Assembly No. 5
C12 Fuel Injector Assembly No. 6
C52 Fuel Injector Assembly No. 7
C54 Fuel Injector Assembly No. 8
R–L
L
R
Y
G
W
R–B
86 109 85 108 84 107 83 106 (LHD)
86 109 85 108 84 107 83 106 (RHD)
#10 #20 #30 #40 #50 #60 #70 #80
A38(A), A52(D), C45(B), C46(C)
ECM
AIP VC ETHW THW ETHA PSP
54 66 97 76 98 72 (LHD)
54 66 97 76 98 72 (RHD)
P–L
(∗1)
15 CA3
L–R
7 DC1
D9
Air Pressure Sensor
AIP E2 VC
BR
2 DC1
8 DC1
L
G–B
G
C18 E. F. I. Engine Coolant Temperature Sensor
C59 Power Steering Oil Pressure Sensor
PSP E2 VC
L–W
B–W

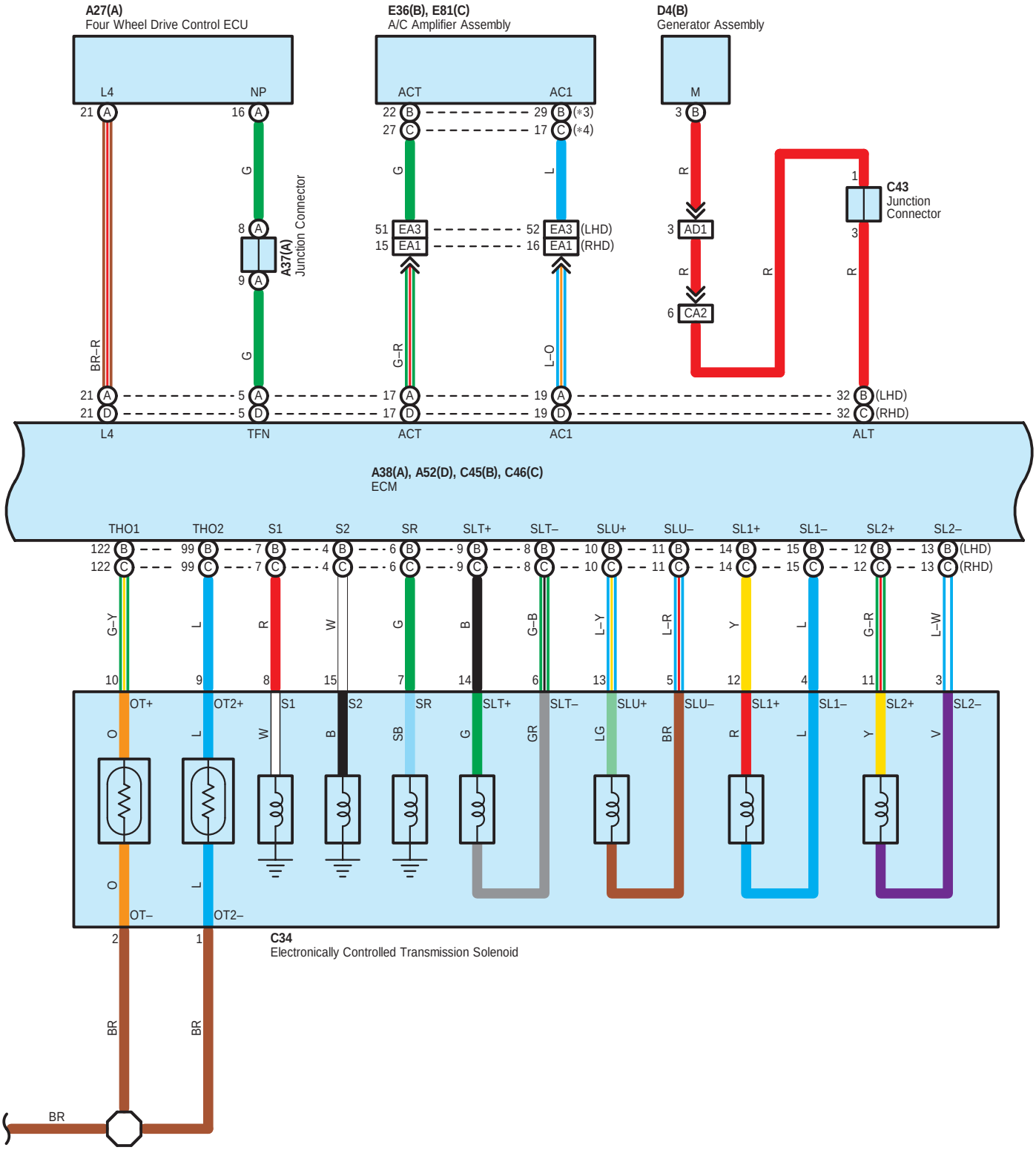

C27
Camshaft Timing Oil Control Valve (Bank 1 Intake Side)
C28
Camshaft Timing Oil Control Valve (Bank 2 Intake Side)
B
B–L
L–B
R–B
58 B
58 C
57 B
57 C
52 B
52 C
51 B
51 C
(LHD)
(RHD)
OC1+
OC1–
OC2+
OC2–
A38(A), A52(D), C45(B), C46(C)
ECM
VG
E2G
THA
OX1B
HT1B
EX1B
OX2B
HT2B
EX2B
74 B
74 C
75 B
75 C
73 B
73 C
114 B
114 C
45 B
45 C
115 B
115 C
112 B
112 C
44 B
44 C
113 B
113 C
L–Y
G–W
Y–B
G–B
BR
B
W
(*2)
C50
Mass Air Flow Meter
E2
+B
C20
Oxygen Sensor (Bank 1 Sensor 2)
E1
C56
Oxygen Sensor (Bank 2 Sensor 2)
L
BR
L–W
C42
Junction Connector
8
9
10
11
B–W

* 2 : Shielded

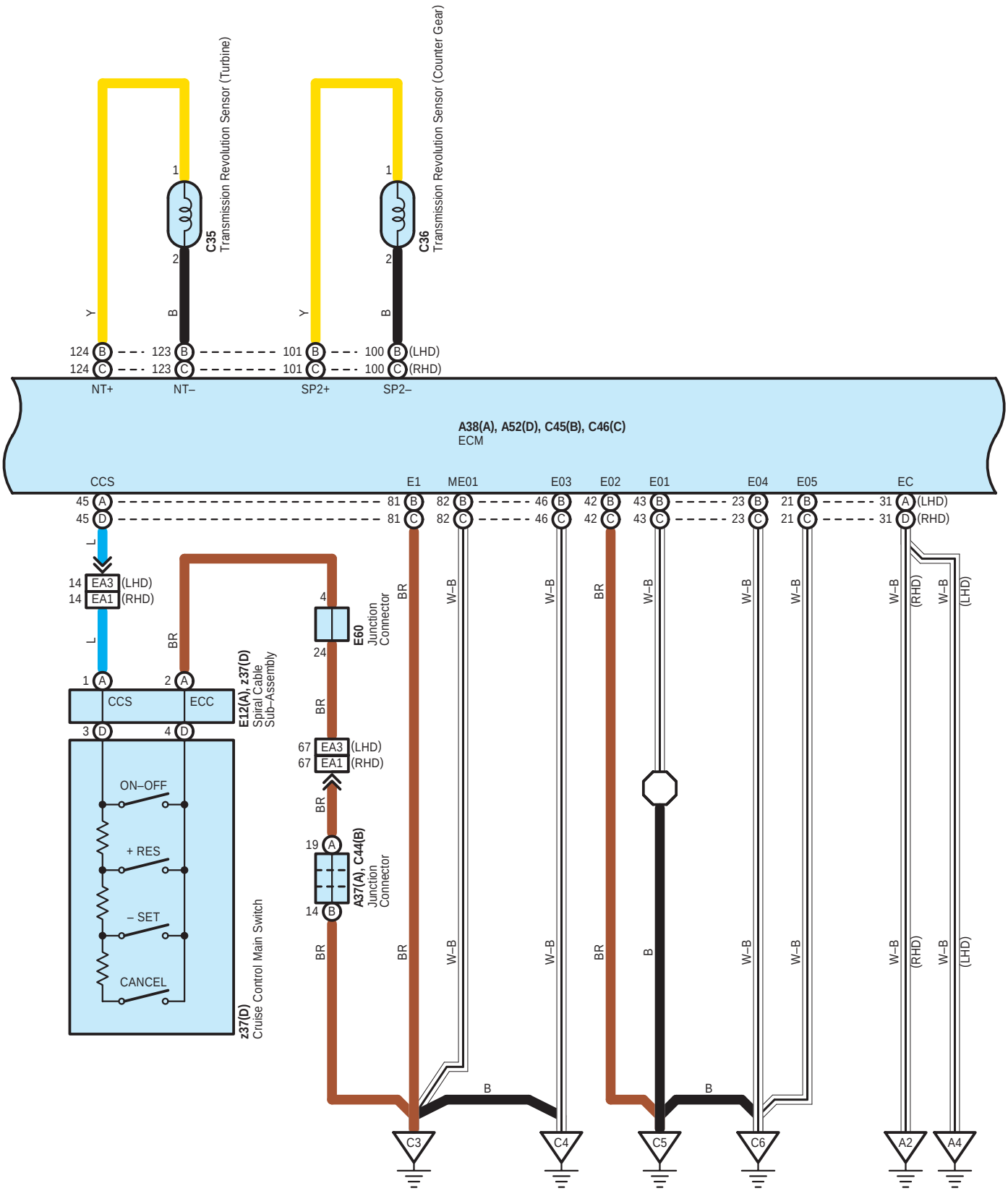

Ignition Coil Assemblies
B–Y
L–Y
B
L–B
G–R
G
G–W
G–B
G–B
R
40 B
40 C
33 B
33 C
37 B
37 C
38 B
38 C
35 B
35 C
36 B
36 C
34 B
34 C
39 B
39 C
104 B
104 C
105 B (LHD)
105 C (RHD)
IGT1
IGT2
IGT3
IGT4
IGT5
IGT6
IGT7
IGT8
IGF1
IGF2
A38(A), A52(D), C45(B), C46(C)
ECM
VV1+
VV1–
VV2+
VV2–
92 B
92 C
91 B
91 C
87 B
87 C
88 B (LHD)
88 C (RHD)
(*2)
R
G
BR
(*2)
R
W
BR
BR
BR
BR
BR
BR
BR
BR
BR
BR
BR
BR
BR
BR
BR
L
L
B–W
B–W
W–B
1
2
C57
VVT Sensor
(Bank 1)
1
2
C58
VVT Sensor
(Bank 2)
19
22
17
20
16
21
18
C42
Junction
Connector
C6

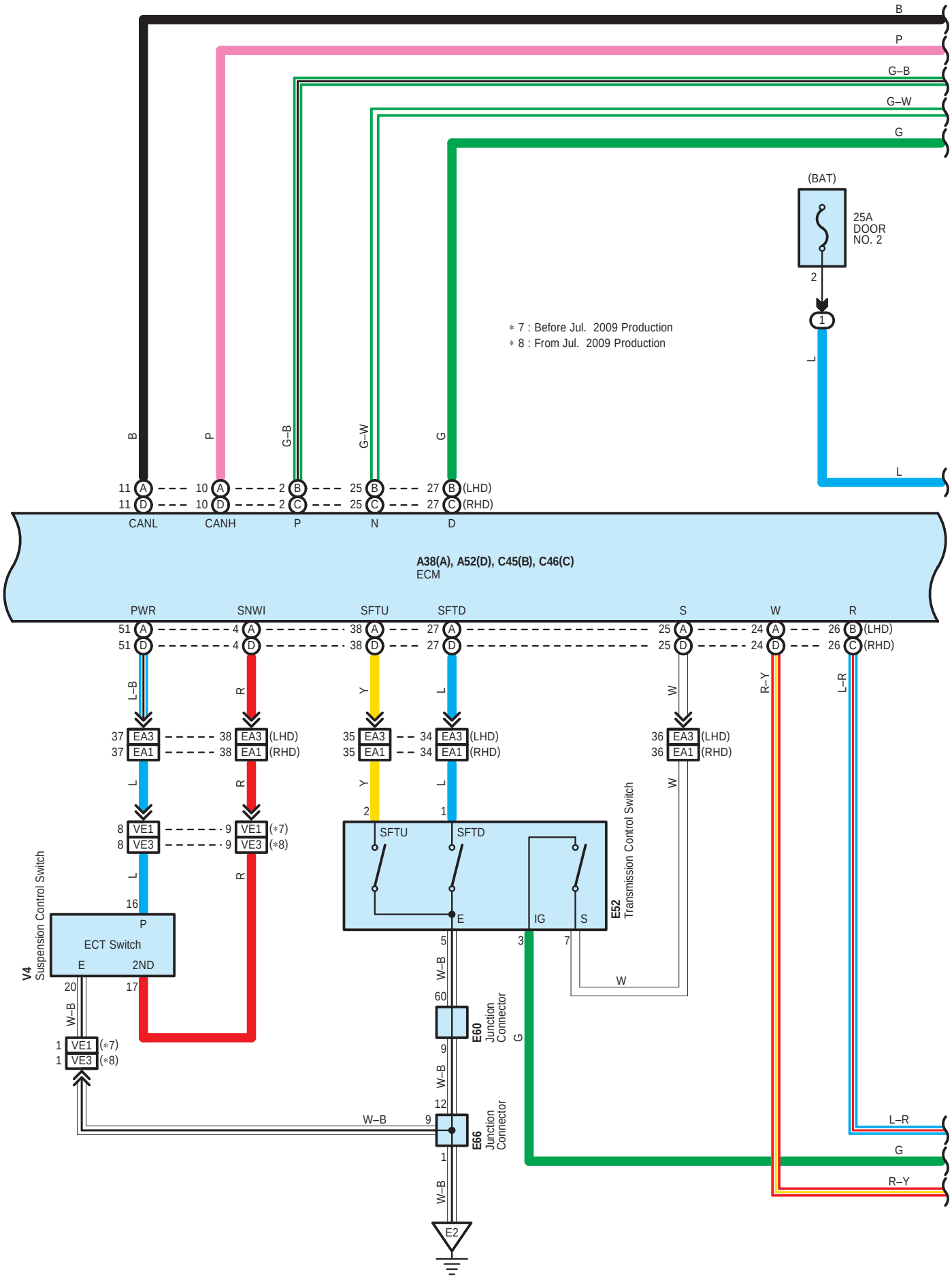

C3
Throttle Body Assembly
A31
Accelerator Pedal Sensor Assembly
VC
E2
VTA
VTA2
M+
M–
VPA
VPA2
VCPA
VCP2
EPA
EPA2
(*2)
(LHD)
(RHD)
VCTA
ETA
VTA1
VTA2
M+
M–
GE01
VPA
VPA2
VCPA
VCP2
EPA
EPA2
A38(A), A52(D), C45(B), C46(C)
ECM
A1A+
A1A–
HA1A
A2A+
A2A–
HA2A
G2
G2–
NE+
NE–
C22
Air Fuel Ratio Sensor
(Bank 1 Sensor 1)
C23
Air Fuel Ratio Sensor
(Bank 2 Sensor 1)
C49
Camshaft
Position Sensor
C48
Crankshaft
Position Sensor
+B
G–
B–W
BR
L
R
G
P
Y
R–Y
Y–B
GR–G
L–W
V
W–L

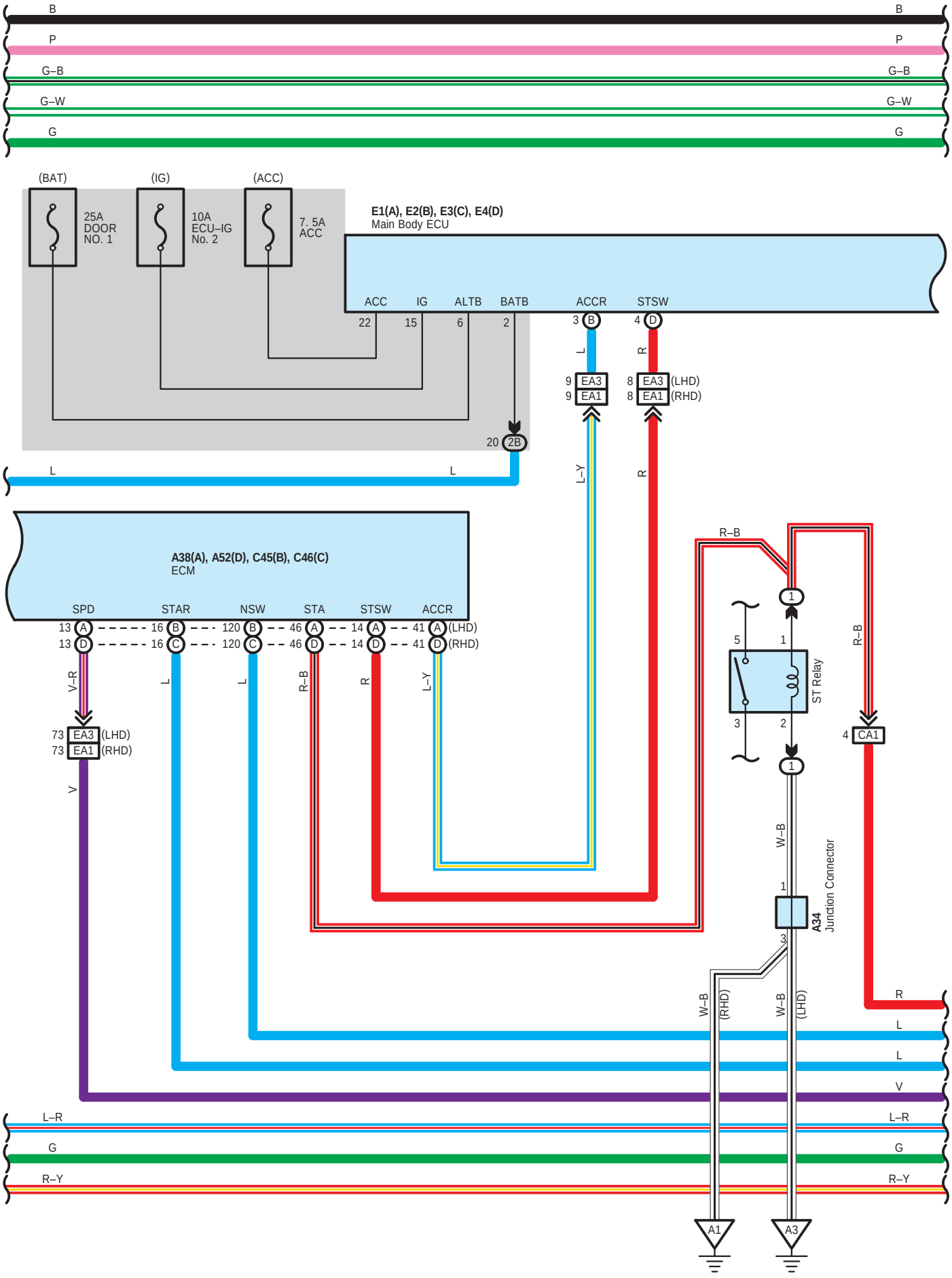

(BAT)
(IG)
* 2 : Shielded
15A
STOP
10A
IGN
E28
ID Code Box
E22
DLC3
EFIO
EFII
TC
TAC
E60
Junction
Connector
E58
Junction
Connector
A30
Stop Light Switch Assembly
L–B
B
R
W
V
W
R–G
W–R
V–W
W–G
R
R–W
(LHD)
(RHD)
IMI
IMO
TC
TACH
STP
ST1–
A38(A), A52(D), C45(B), C46(C)
ECM
KNK1
EKNK
KNK2
EKN2
(*2)
G
R
W
B
W–B
BR
DC1
C42
Junction
Connector
D7
Knock Control
Sensor (Bank 1)
D6
Knock Control
Sensor (Bank 2)
C5

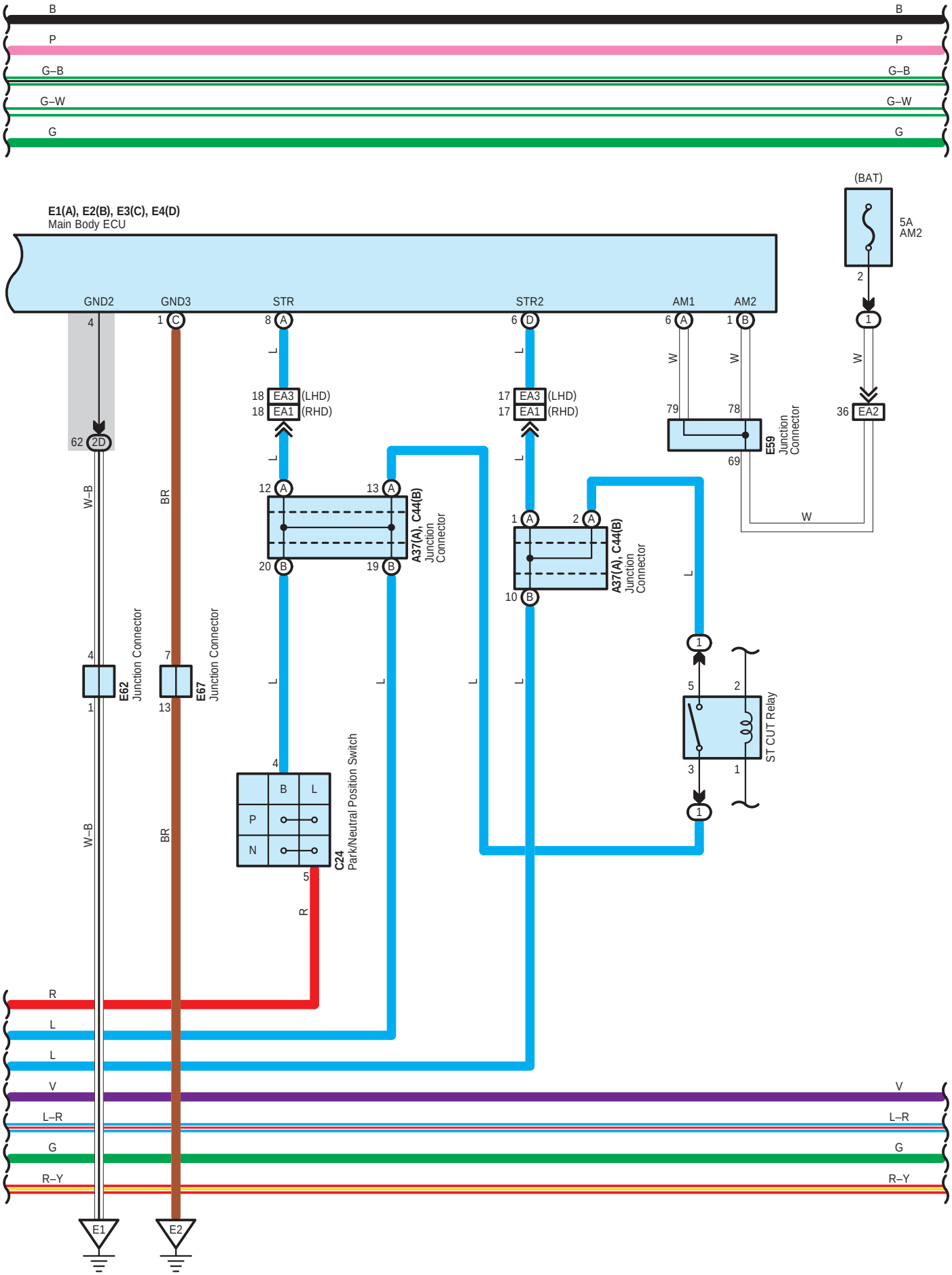

A27(A)
Four Wheel Drive Control ECU
L4
NP
21 A
16 A
E36(B), E81(C)
A/C Amplifier Assembly
ACT
AC1
22 B
27 C
29 B (*3)
17 C (*4)
D4(B)
Generator Assembly
M
3 B
G
L
R
8 A
9 A
A37(A)
Junction Connector
51 EA3
15 EA1
52 EA3 (LHD)
16 EA1 (RHD)
3 AD1
6 CA2
1
3
C43
Junction
Connector
BR–R
G–R
L–O
21 A
21 D
5 A
5 D
17 A
17 D
19 A
19 D
32 B (LHD)
32 C (RHD)
L4
TFN
ACT
AC1
ALT
A38(A), A52(D), C45(B), C46(C)
ECM
THO1
THO2
S1
S2
SR
SLT+
SLT–
SLU+
SLU–
SL1+
SL1–
SL2+
SL2–
122 B
122 C
99 B
99 C
7 B
7 C
4 B
4 C
6 B
6 C
9 B
9 C
8 B
8 C
10 B
10 C
11 B
11 C
14 B
14 C
15 B
15 C
12 B
12 C
13 B (LHD)
13 C (RHD)
G–Y
L
R
W
G
B
G–B
L–Y
L–R
Y
L
G–R
L–W
10
9
8
15
7
14
6
13
5
12
4
11
3
OT+
OT2+
S1
S2
SR
SLT+
SLT–
SLU+
SLU–
SL1+
SL1–
SL2+
SL2–
O
L
W
B
SB
G
GR
LG
BR
R
L
Y
V
OT–
OT2–
2
1
C34
Electronically Controlled Transmission Solenoid
BR
BR
BR

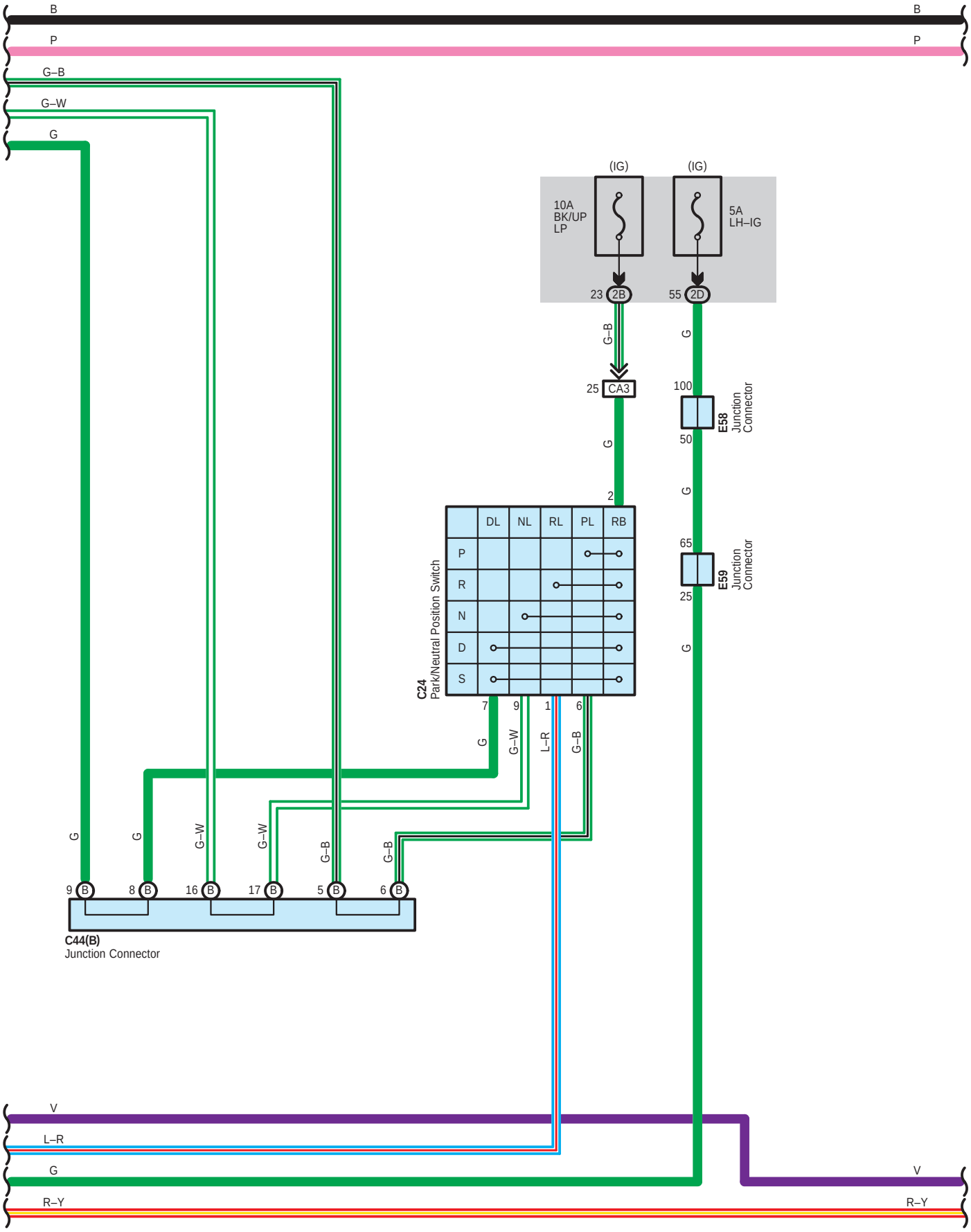
* 3 : w/ Rear A/C
* 4 : w/o Rear A/C

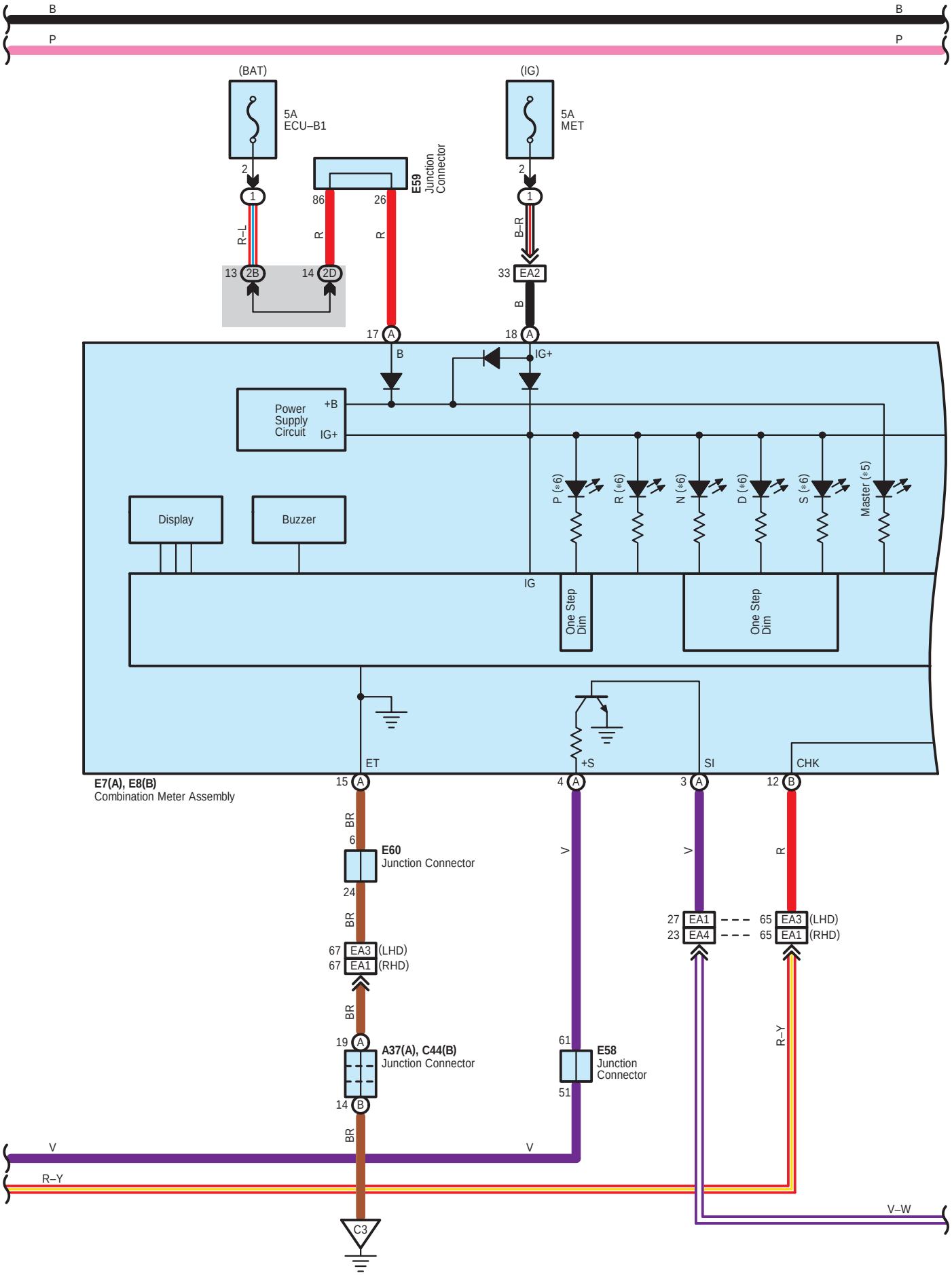


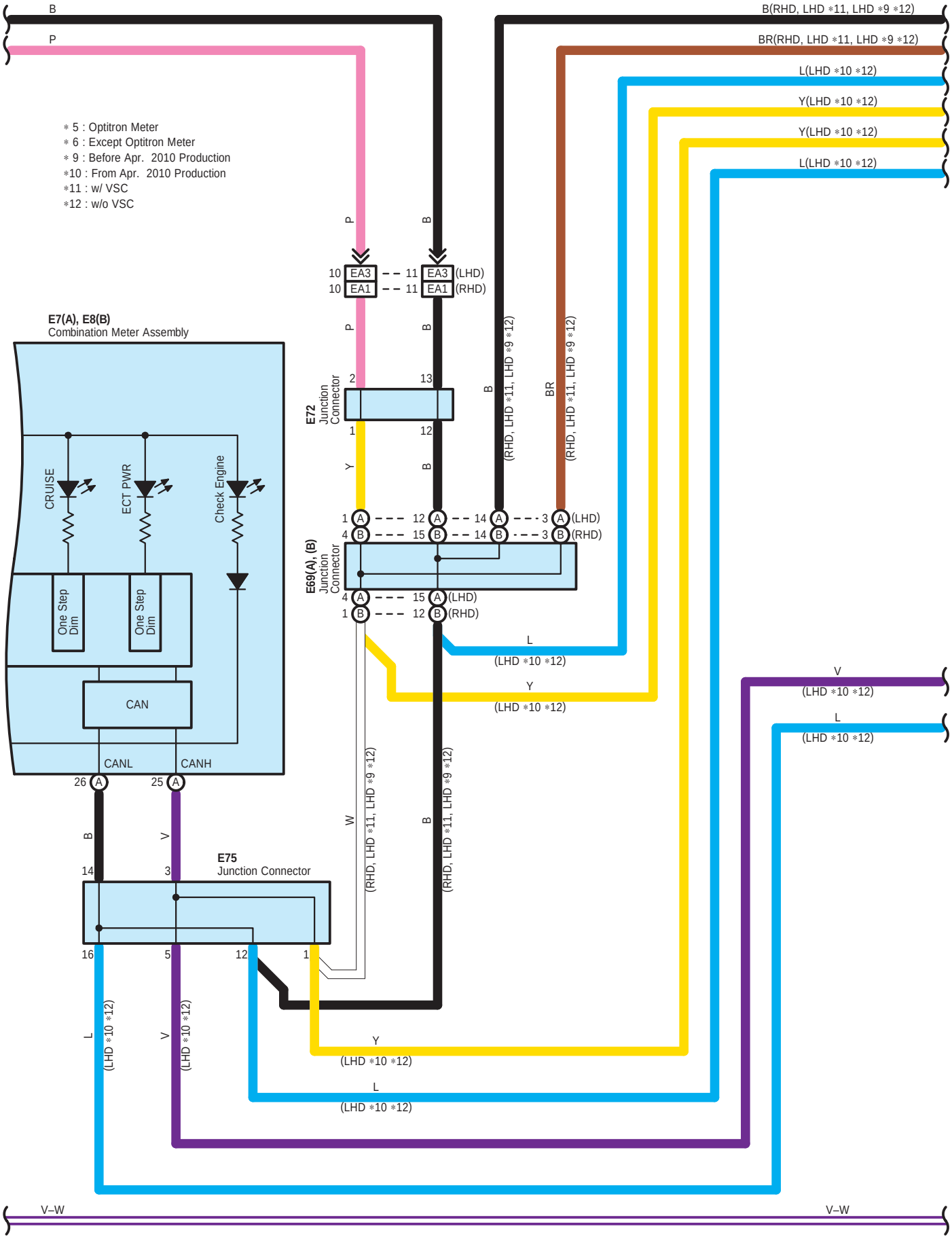

B
P
G–B
G–W
G
(BAT)
25A
DOOR
NO. 2
2
1
L
L
∗ 7 : Before Jul. 2009 Production
∗ 8 : From Jul. 2009 Production
B
P
G–B
G–W
G
11 A
11 D
10 A
10 D
2 B
2 C
25 B
25 C
27 B (LHD)
27 C (RHD)
CANL
CANH
P
N
D
A38(A), A52(D), C45(B), C46(C)
ECM
PWR
SNWI
SFTU
SFTD
S
W
R
51 A
51 D
4 A
4 D
38 A
38 D
27 A
27 D
25 A
25 D
24 A
24 D
26 B (LHD)
26 C (RHD)
L–B
R
Y
L
W
R–Y
L–R
37 EA3
37 EA1
38 EA3 (LHD)
38 EA1 (RHD)
35 EA3
35 EA1
34 EA3 (LHD)
34 EA1 (RHD)
36 EA3 (LHD)
36 EA1 (RHD)
8 VE1
8 VE3
9 VE1 (∗7)
9 VE3 (∗8)
2
1
SFTU
SFTD
E
IG
S
E52
Transmission Control Switch
16
P
ECT Switch
E
2ND
V4
Suspension Control Switch
20
17
5
3
7
W–B
60
E60
Junction
Connector
G
W
1 VE1 (∗7)
1 VE3 (∗8)
9
W–B
12
W–B
9
E66
Junction
Connector
L–R
G
R–Y
1
W–B
E2

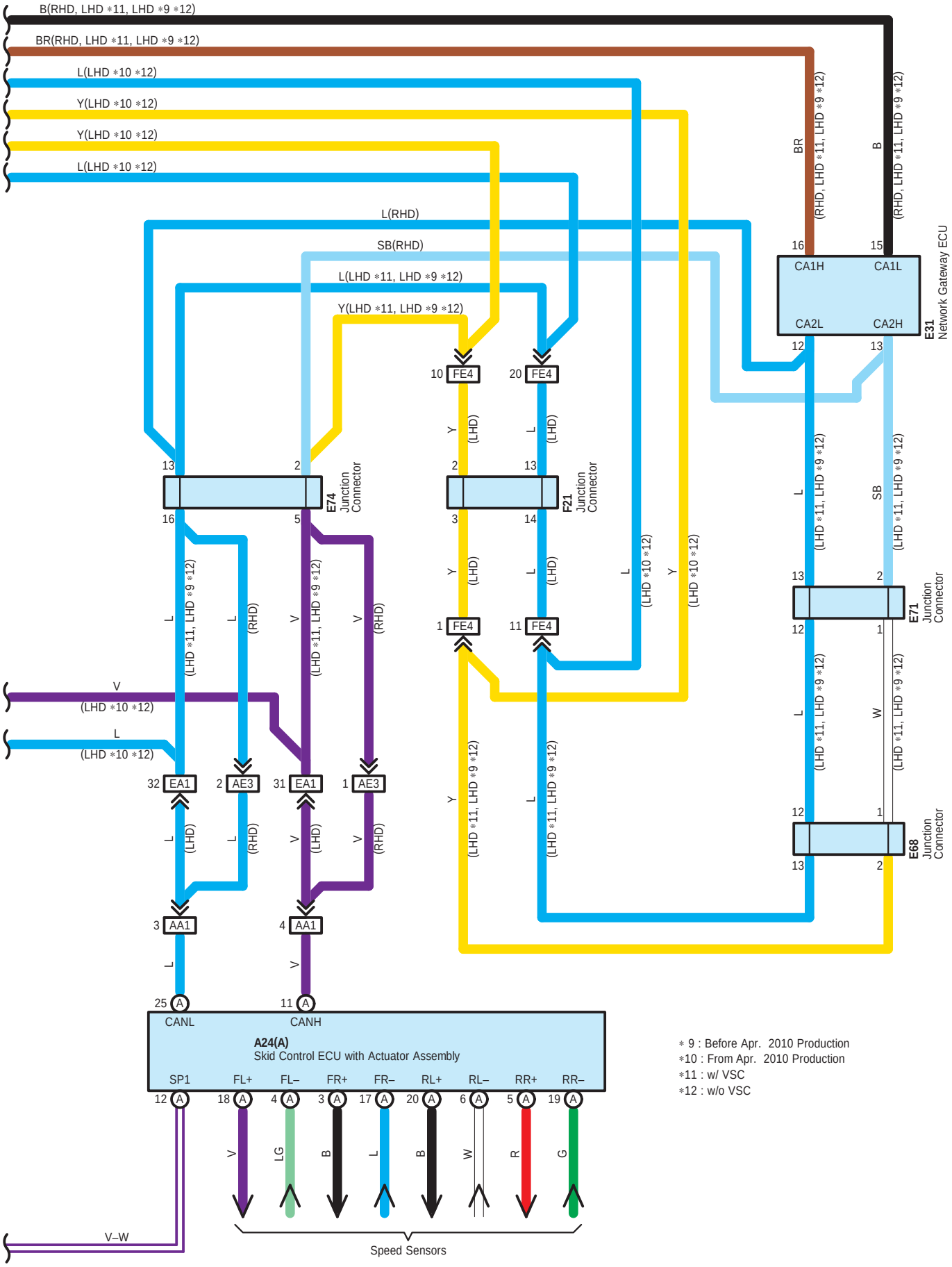

B
P
G–B
G–W
G
(BAT)
(IG)
(ACC)
25A DOOR NO. 1
10A ECU–IG No. 2
7. 5A ACC
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
ACC
IG
ALTB
BATB
ACCR
STSW
22
15
6
2
3 B
4 D
L
R
9 EA3
9 EA1
8 EA3 (LHD)
8 EA1 (RHD)
20 2B
L
L–Y
A38(A), A52(D), C45(B), C46(C)
ECM
SPD
STAR
NSW
STA
STSW
ACCR
13 A
13 D
16 B
16 C
120 B
120 C
46 A
46 D
14 A
14 D
41 A (LHD)
41 D (RHD)
V–R
L
L
R–B
R
L–Y
73 EA3 (LHD)
73 EA1 (RHD)
V
R–B
1
5
1
3
2
ST Relay
4 CA1
W–B
A34
Junction Connector
W–B (RHD)
W–B (LHD)
R
L
L
V
L–R
G
R–Y
A1
A3


B
P
G–B
G–W
G
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
GND2
GND3
STR
STR2
AM1
AM2
(BAT)
5A
AM2
62 2D
4
1 C
8 A
6 D
6 A
1 B
2
1
18 EA3 (LHD)
18 EA1 (RHD)
17 EA3 (LHD)
17 EA1 (RHD)
79
78
69
36 EA2
E59
Junction
Connector
W–B
BR
L
W
12 A
13 A
20 B
19 B
A37(A), C44(B)
Junction
Connector
1 A
2 A
10 B
4
7
1
13
E62
Junction Connector
E67
Junction Connector
4
B
L
P
N
5
C24
Park/Neutral Position Switch
R
5
2
3
1
ST CUT Relay
R
L
V
L–R
G
R–Y
E1
E2

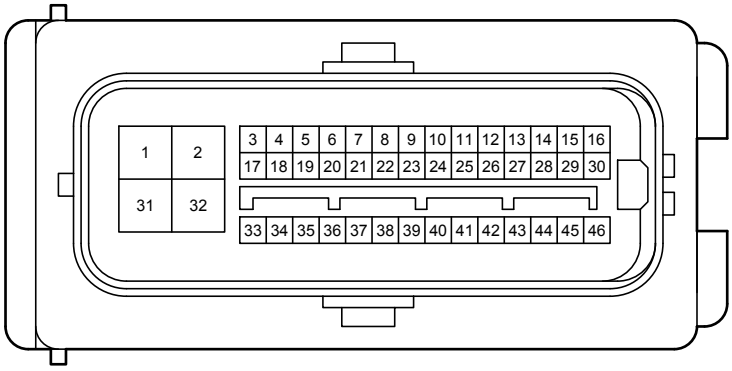

B
B
P
P
G–B
G–W
G
(IG)
(IG)
10A
BK/UP
LP
5A
LH–IG
23 2B
55 2D
G–B
G
25 CA3
100
E58
Junction
Connector
50
G
2
G
65
E59
Junction
Connector
25
G
DL
NL
RL
PL
RB
P
R
N
D
S
C24
Park/Neutral Position Switch
7
9
1
6
G
G–W
L–R
G–B
G
G
G–W
G–W
G–B
G–B
9 B
8 B
16 B
17 B
5 B
6 B
C44(B)
Junction Connector
V
L–R
G
V
R–Y
R–Y


B
P
(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction
Connector
R–L
R
B–R
B
13 2B
14 2D
33 EA2
17 A
18 A
IG+
Power
Supply
Circuit
+B
IG+
Display
Buzzer
P (*6)
R (*6)
N (*6)
D (*6)
S (*6)
Master (*5)
IG
One Step
Dim
ET
+S
SI
CHK
E7(A), E8(B)
Combination Meter Assembly
15 A
4 A
3 A
12 B
BR
6
E60
Junction Connector
24
V
R
27 EA1
23 EA4
65 EA3 (LHD)
65 EA1 (RHD)
67 EA3 (LHD)
67 EA1 (RHD)
19 A
A37(A), C44(B)
Junction Connector
14 B
61
E58
Junction
Connector
51
R–Y
V
V–W
C3

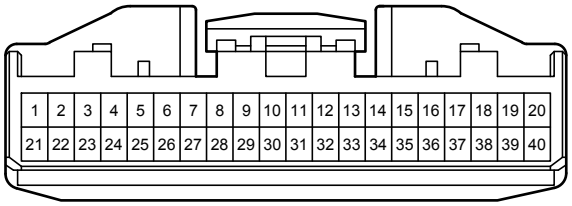

B
P
∗ 5 : Optitron Meter
∗ 6 : Except Optitron Meter
∗ 9 : Before Apr. 2010 Production
∗10 : From Apr. 2010 Production
∗11 : w/ VSC
∗12 : w/o VSC
E7(A), E8(B)
Combination Meter Assembly
CRUISE
ECT PWR
Check Engine
One Step Dim
One Step Dim
CAN
CANL
CANH
26 A
25 A
B
V
E75
Junction Connector
14
3
16
5
12
1
L
(LHD ∗10 ∗12)
V
(LHD ∗10 ∗12)
W
(RHD, LHD ∗11, LHD ∗9 ∗12)
B
(RHD, LHD ∗11, LHD ∗9 ∗12)
P
B
10 EA3
10 EA1
11 EA3 (LHD)
11 EA1 (RHD)
E72
Junction Connector
2
13
1
12
Y
B
1 A
4 B
12 A
15 B
14 A
14 B
3 A (LHD)
3 B (RHD)
E69(A), (B)
Junction Connector
4 A
1 B
15 A (LHD)
12 B (RHD)
B
(RHD, LHD ∗11, LHD ∗9 ∗12)
BR
(RHD, LHD ∗11, LHD ∗9 ∗12)
L
(LHD ∗10 ∗12)
Y
(LHD ∗10 ∗12)
B(RHD, LHD ∗11, LHD ∗9 ∗12)
BR(RHD, LHD ∗11, LHD ∗9 ∗12)
L(LHD ∗10 ∗12)
Y(LHD ∗10 ∗12)
Y(LHD ∗10 ∗12)
L(LHD ∗10 ∗12)
V
(LHD ∗10 ∗12)
L
(LHD ∗10 ∗12)
Y
(LHD ∗10 ∗12)
L
(LHD ∗10 ∗12)
V–W
V–W


B(RHD, LHD *11, LHD *9 *12)
BR(RHD, LHD *11, LHD *9 *12)
L(LHD *10 *12)
Y(LHD *10 *12)
Y(LHD *10 *12)
L(LHD *10 *12)
L(RHD)
SB(RHD)
L(LHD *11, LHD *9 *12)
Y(LHD *11, LHD *9 *12)
BR
B
(RHD, LHD *11, LHD *9 *12)
16
15
CA1H
CA1L
CA2L
CA2H
12
13
E31
Network Gateway ECU
10 FE4
20 FE4
Y
(LHD)
L
(LHD)
13
2
E74
Junction Connector
16
5
2
13
F21
Junction Connector
3
14
1 FE4
11 FE4
L
(LHD *10 *12)
Y
(LHD *10 *12)
L
(LHD *11, LHD *9 *12)
SB
(LHD *11, LHD *9 *12)
13
2
E71
Junction Connector
12
1
L
(LHD *11, LHD *9 *12)
W
(LHD *11, LHD *9 *12)
12
1
E68
Junction Connector
13
2
V
(LHD *10 *12)
L
(LHD *10 *12)
L
(RHD)
V
(RHD)
Y
(LHD *11, LHD *9 *12)
L
(LHD *11, LHD *9 *12)
32 EA1
2 AE3
31 EA1
1 AE3
L
(LHD)
L
(RHD)
V
(LHD)
V
(RHD)
3 AA1
4 AA1
L
V
25 A
11 A
CANL
CANH
A24(A)
Skid Control ECU with Actuator Assembly
SP1
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
12 A
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
V
LG
B
L
B
W
R
G
V–W
Speed Sensors
* 9 : Before Apr. 2010 Production
*10 : From Apr. 2010 Production
*11 : w/ VSC
*12 : w/o VSC

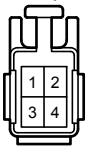
A 24
Black



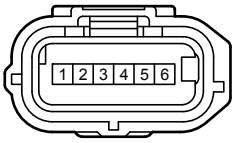
A 27
Black



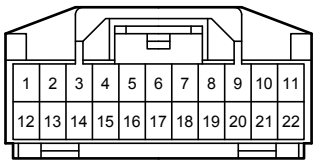
A 30
Gray



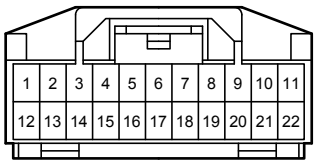
A 31
Black



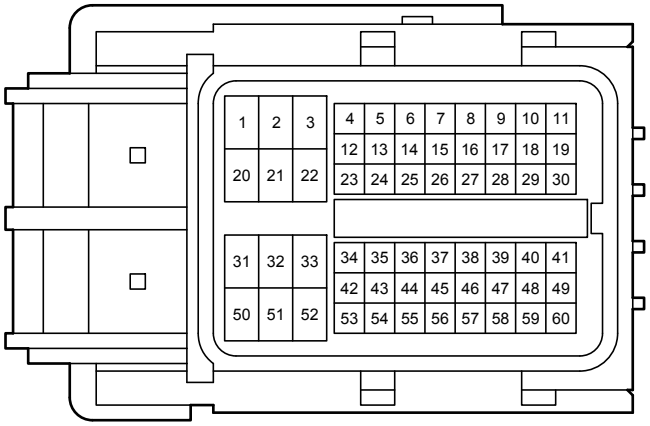
A 34
White



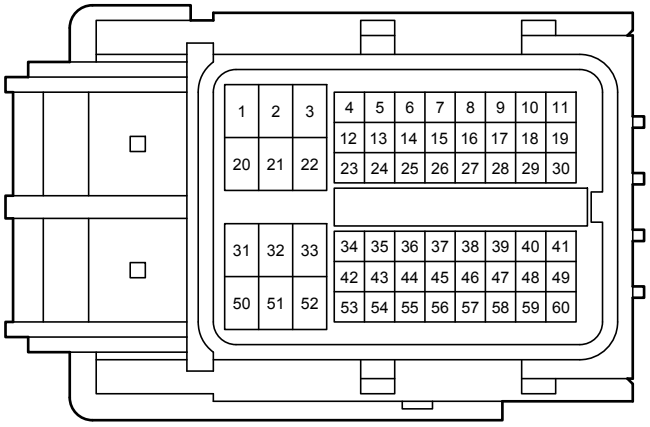
A 37
Blue



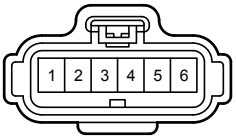
A 38
Black



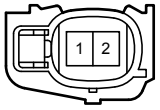
A 52
Black



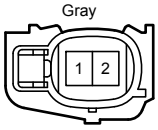
C 3
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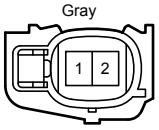
C 5
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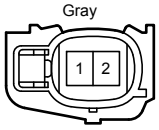
C 7
Gray



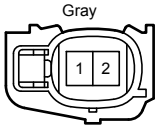
C 9
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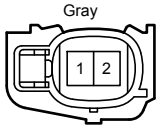
C 12
Gray



C 14
Gray



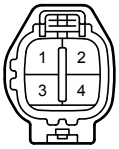
C 16
Gray



C 18
Dark Gray



C 20
Dark Gray



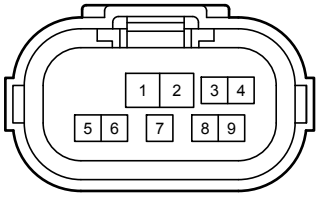
C 22
Dark Gray



C 23
Dark Gray



C 24
Gray



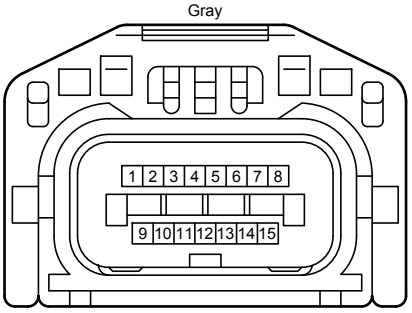
C 27
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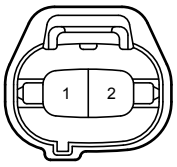
C 28
Black



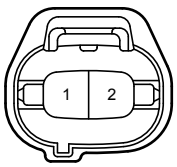
C 34
Gray



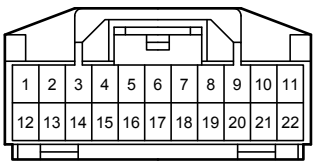
C 35
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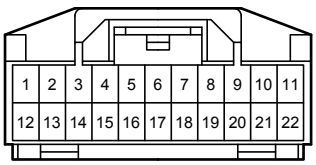
C 36
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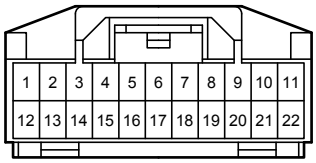
C 42
White



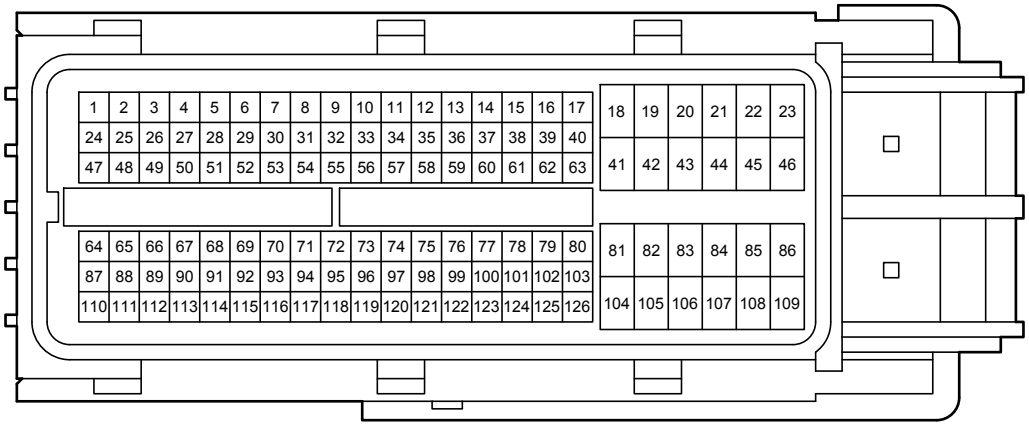
C 43
White



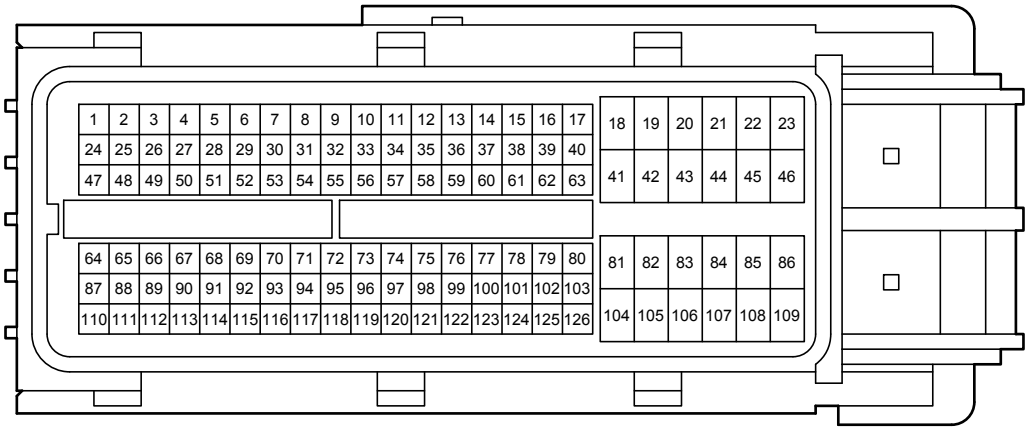
C 44
Blue



C 45
Black



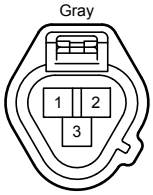
C 46
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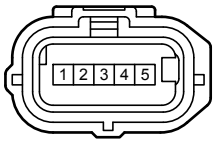
C 48
Dark Gray



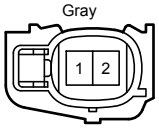
C 49
Gray



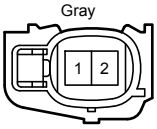
C 50
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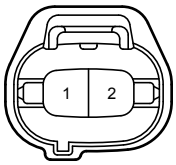
C 52
Gray



C 54
Gray



C 55
Black



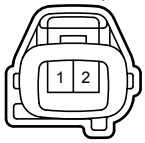
C 56
Dark Gray



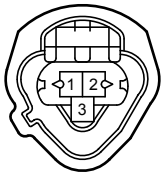
C 57
Dark Gray



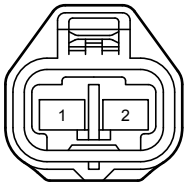
C 58
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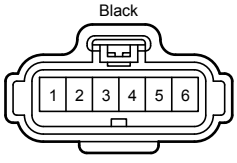
C 59
Gray



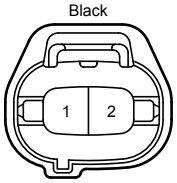
C 60
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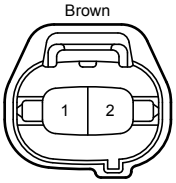
C 61
Black



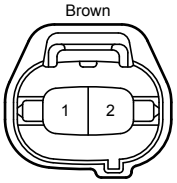
C 62
Black



C 63
Brown



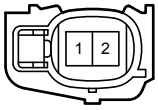
C 64
Brown



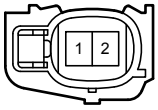
D 4
Black



D 6
Gray



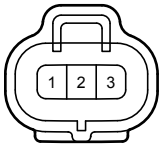
D 7
Black



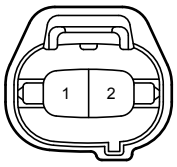
D 8
Gray



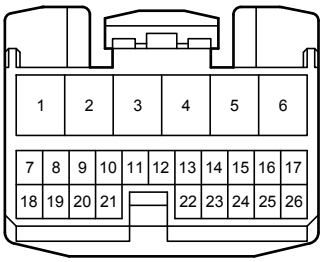
D 9
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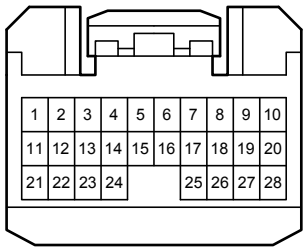
D 10
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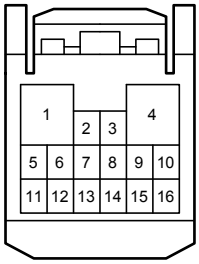
E 1
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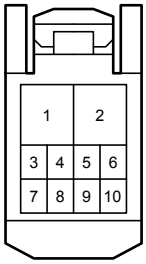
E 2
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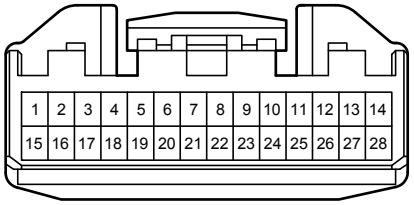
E 3
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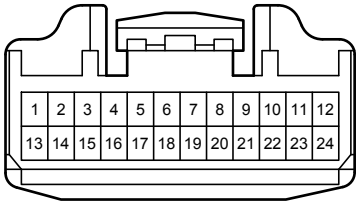
E 4
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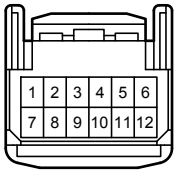
E 7
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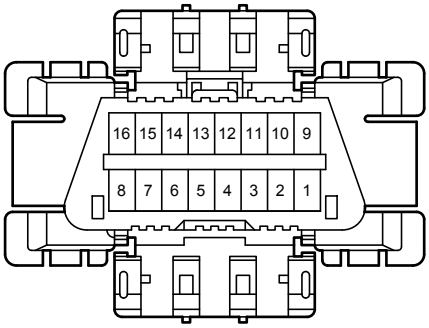
E 8
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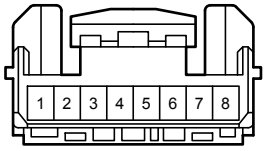
E 12
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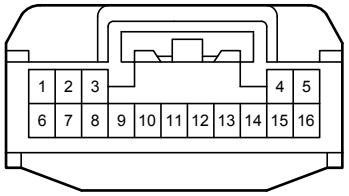
E 22
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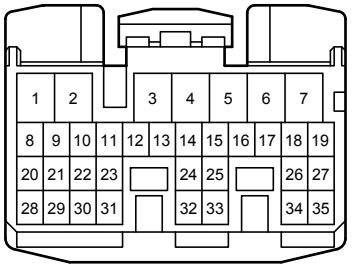
E 28
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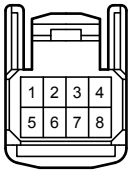
E 31
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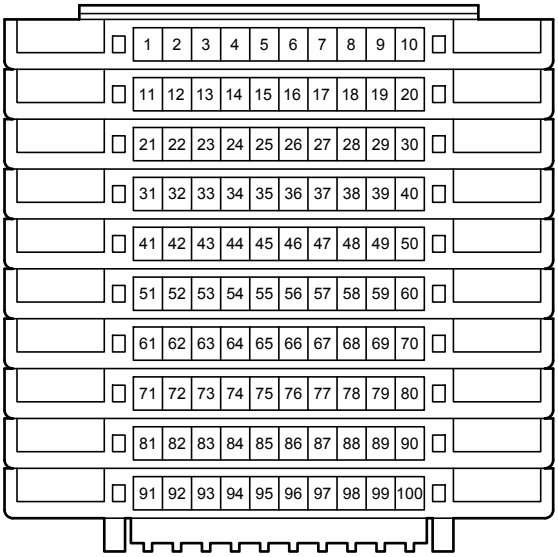
E 36
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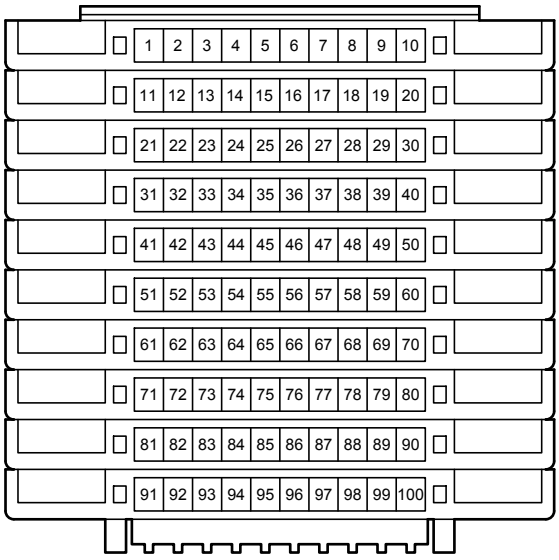
E 52
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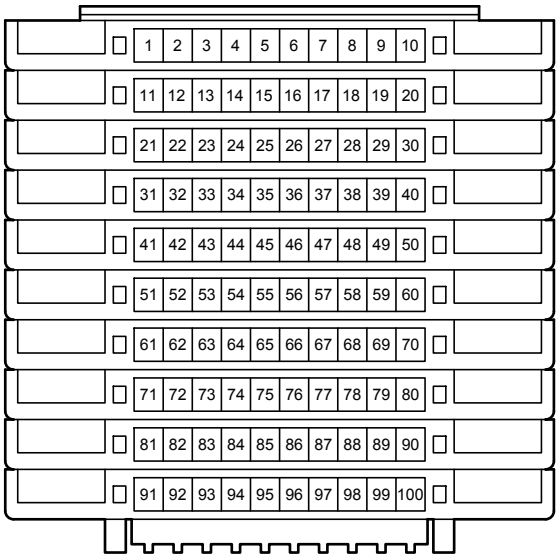
E 58



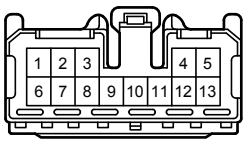
E 59



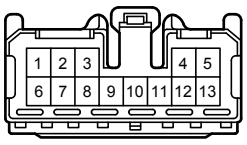
E 60



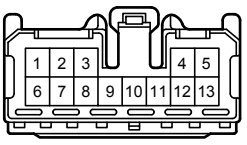
E 62
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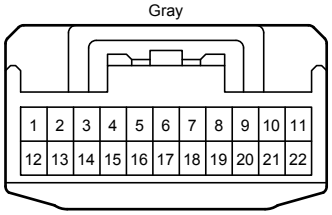
E 66
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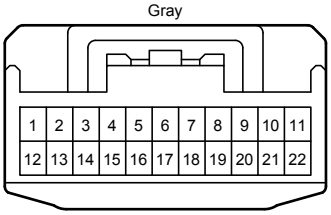
E 67
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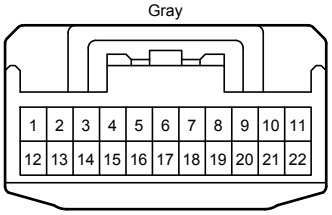
E 68
Gray



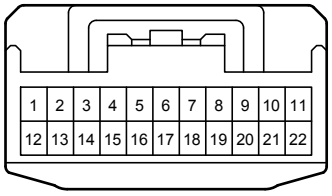
E 69
Gray



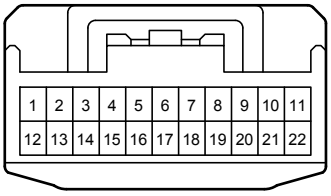
E 71
Gray



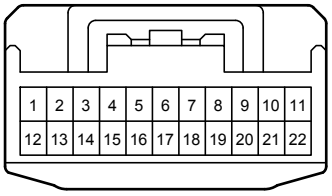
E 72
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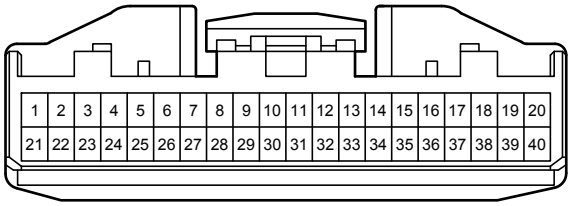
E 74
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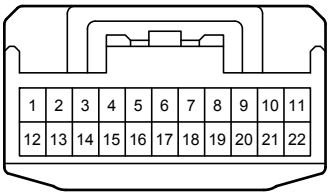
E 75
Gray



E 81
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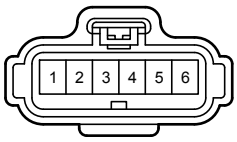
F 21
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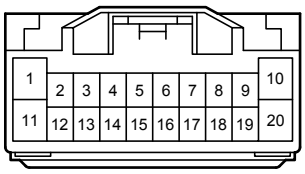
N 1
White



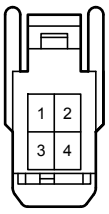
N 2
Black



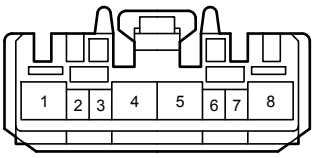
V 4
White



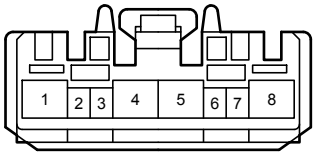
z 37
White



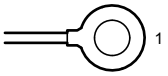
1A
White



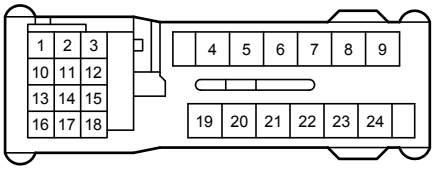
1B
White



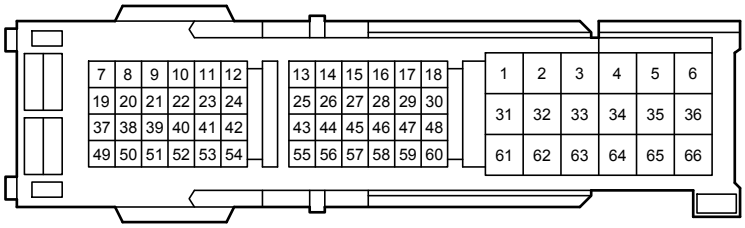
1F



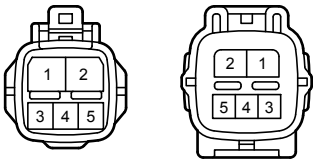
2B
White



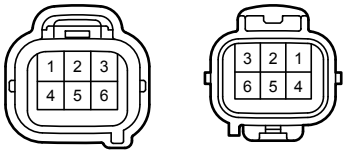
2D
White



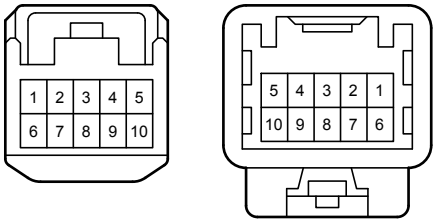
AA1
Gray



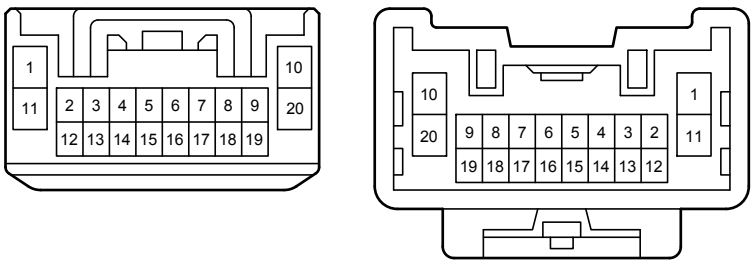
AD1
Black



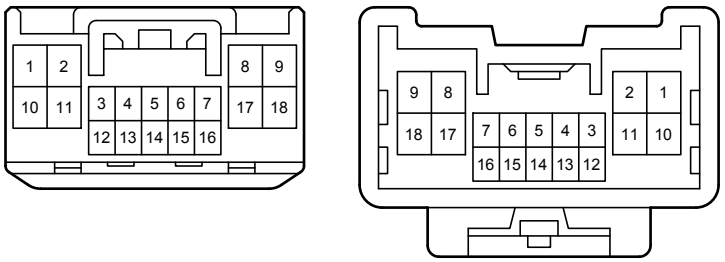
AE3
Gray



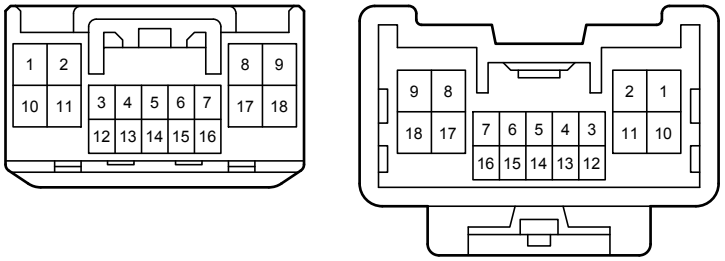
AK1
Blue



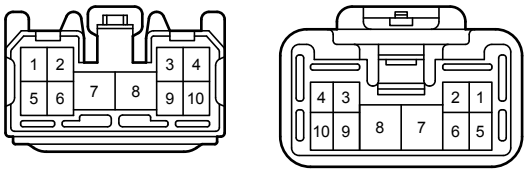
AK2
Gray



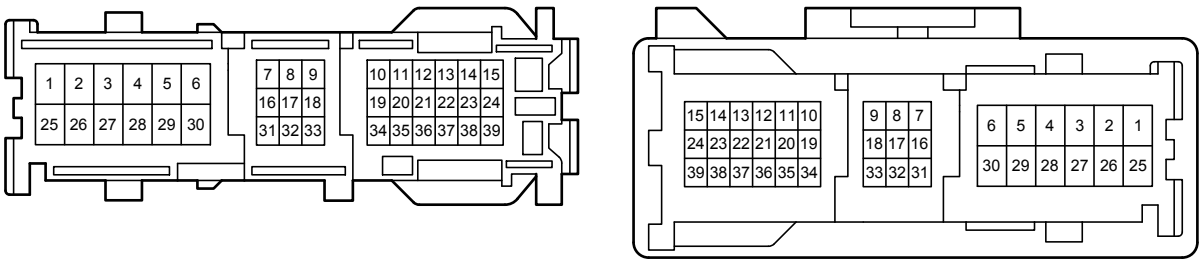
CA1
White

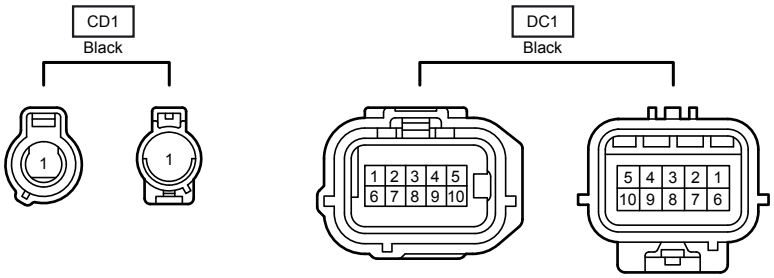


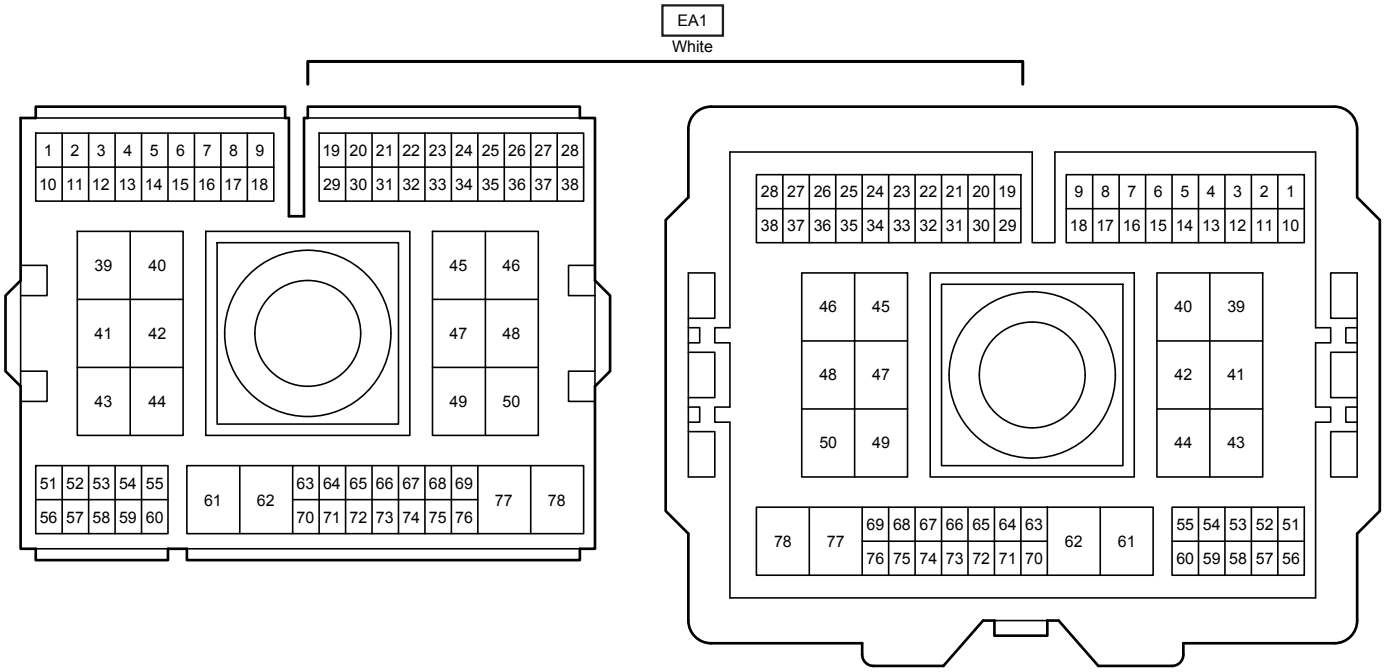
CA2
White

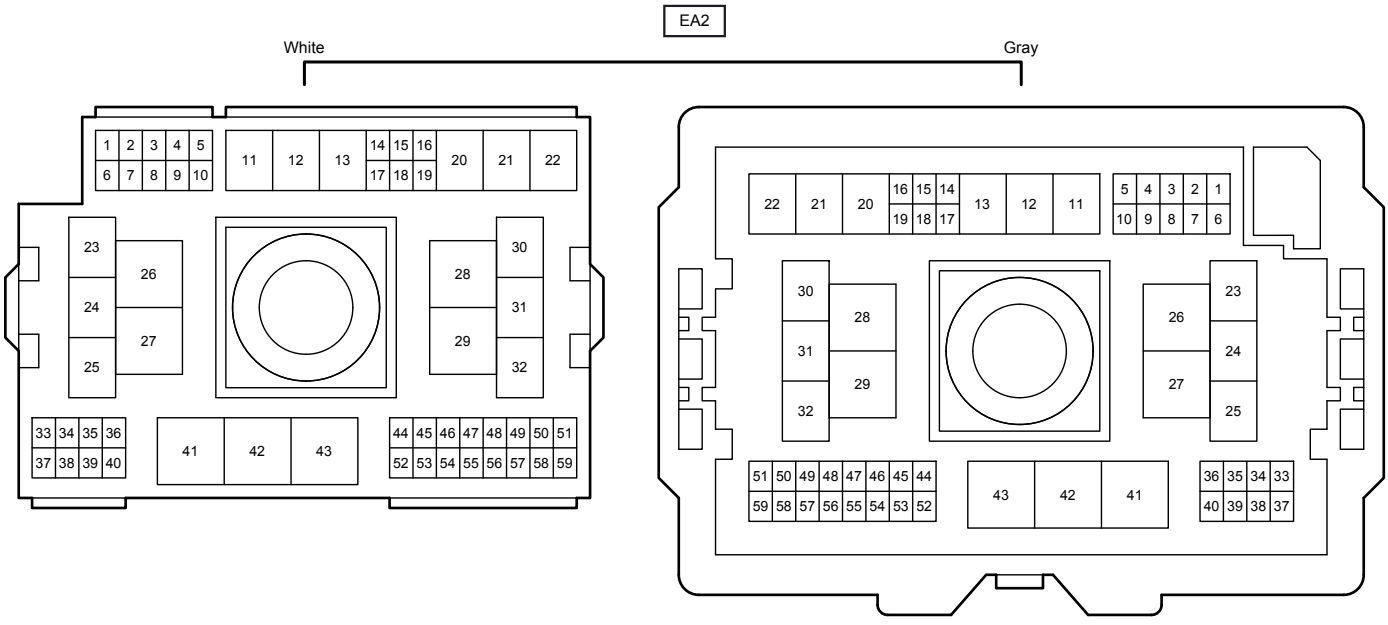


CA3
White

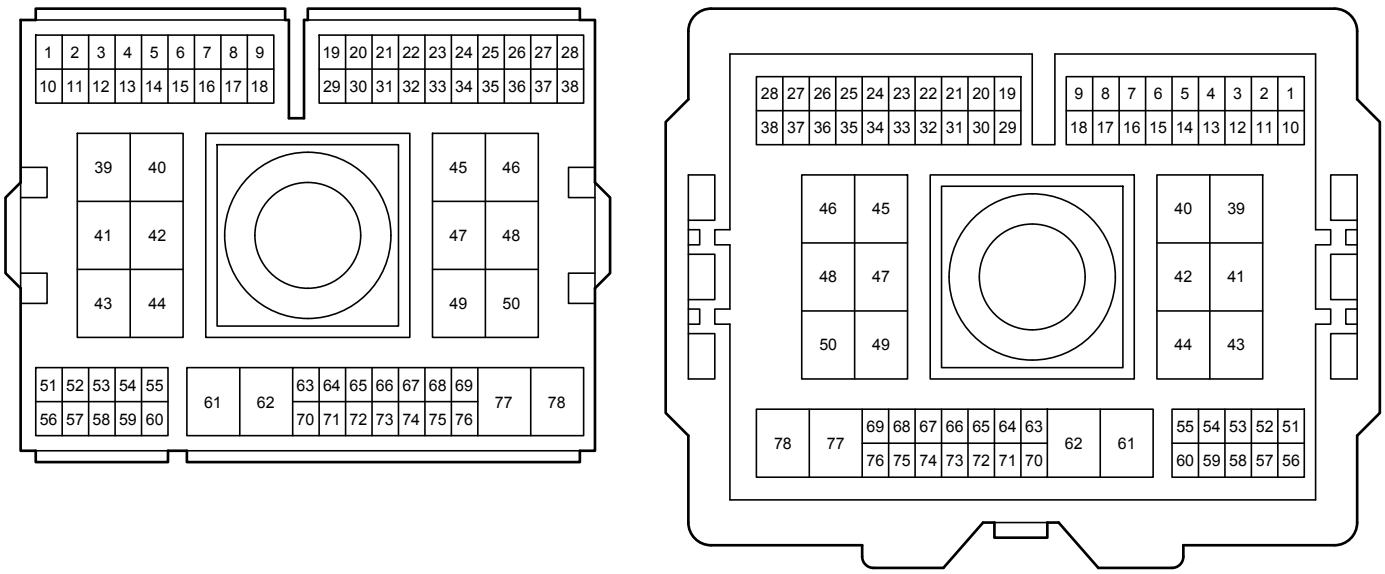



CD1
Black
1
1
DC1
Black
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

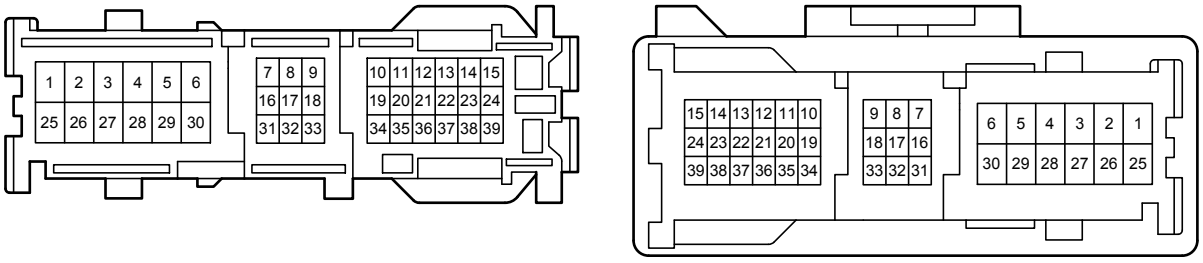

EA1
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45
48 47
50 49
40 39
42 41
44 43
78 77
69 68 67 66 65 64 63
76 75 74 73 72 71 70
62 61
55 54 53 52 51
60 59 58 57 56


EA2
White
Gray
1 2 3 4 5
6 7 8 9 10
11 12 13 14 15 16
17 18 19 20 21 22
23 26
24 27
25
28 30
29 31
32
33 34 35 36
37 38 39 40
41 42 43
44 45 46 47 48 49 50 51
52 53 54 55 56 57 58 59
22 21 20 16 15 14
19 18 17 13 12 11
5 4 3 2 1
10 9 8 7 6
30 28
31 29
32
26 23
27 24
25
51 50 49 48 47 46 45 44
59 58 57 56 55 54 53 52
43 42 41
36 35 34 33
40 39 38 37

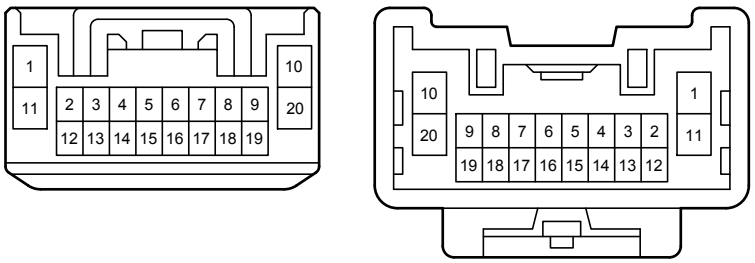
EA3
White



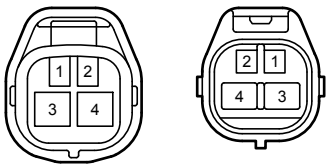
EA4
White



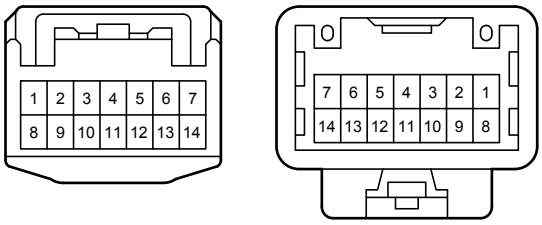
FE4
White



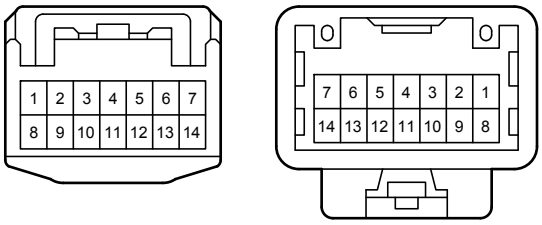
KN1
White

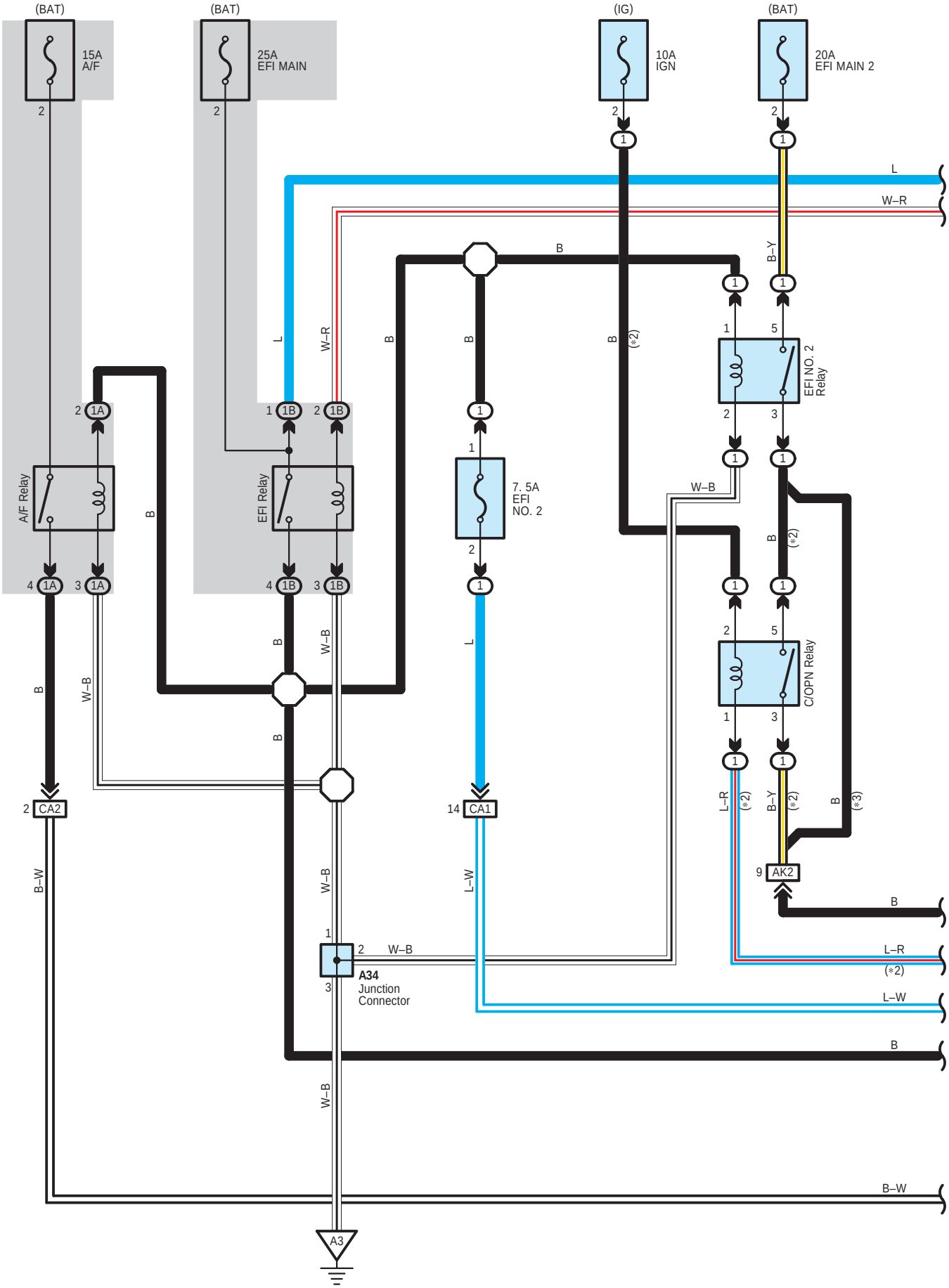


VE1
White

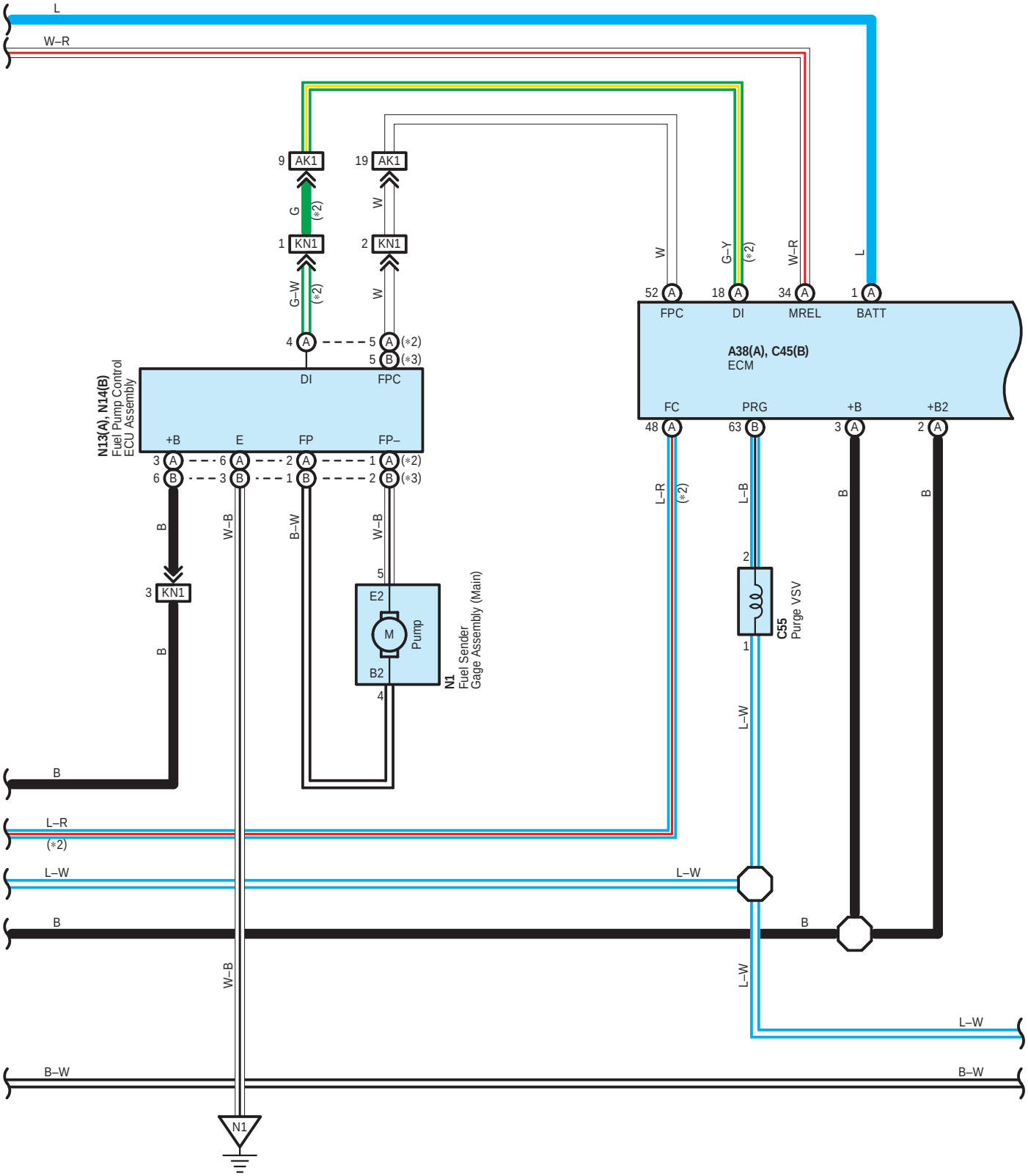


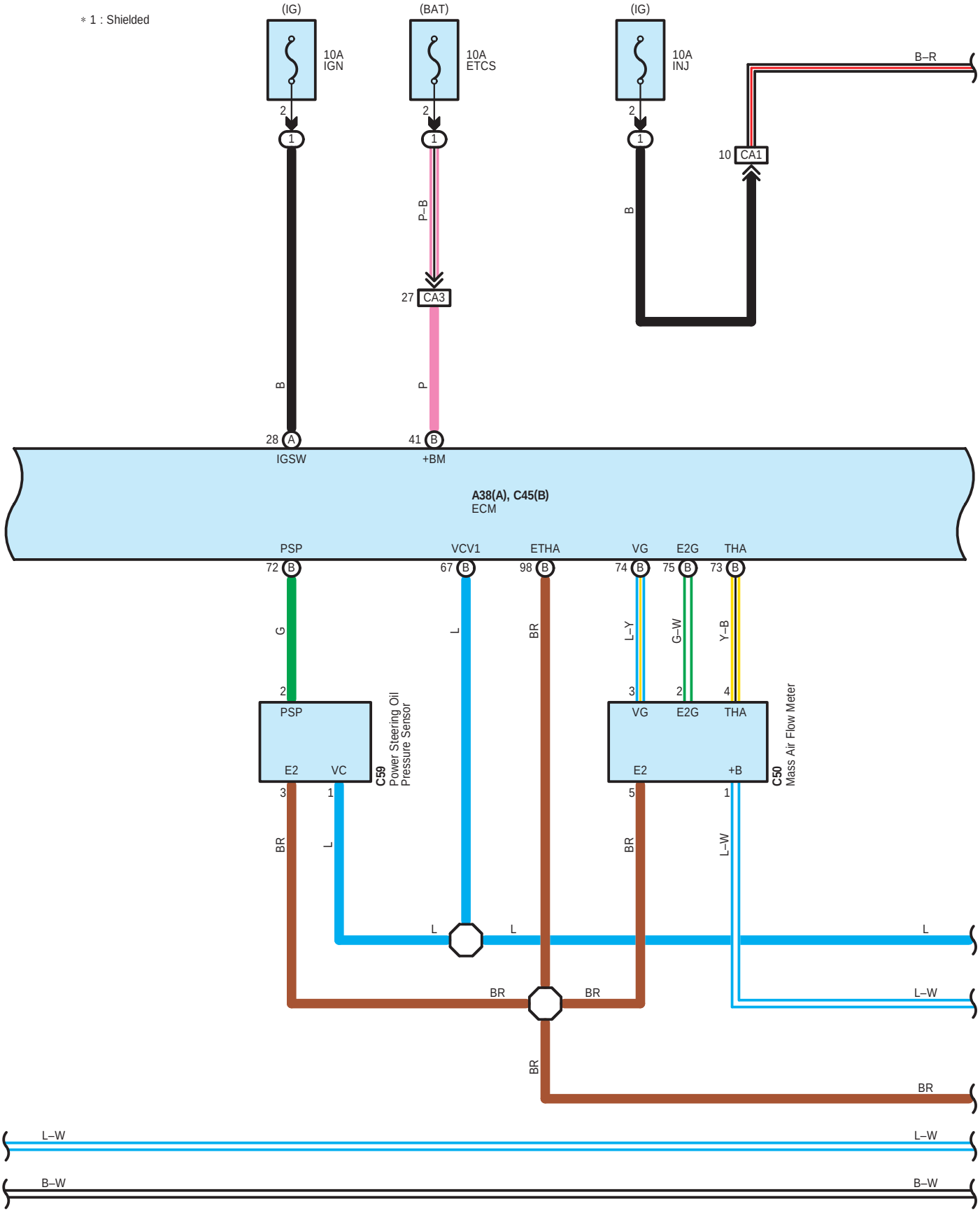
VE3
Gray

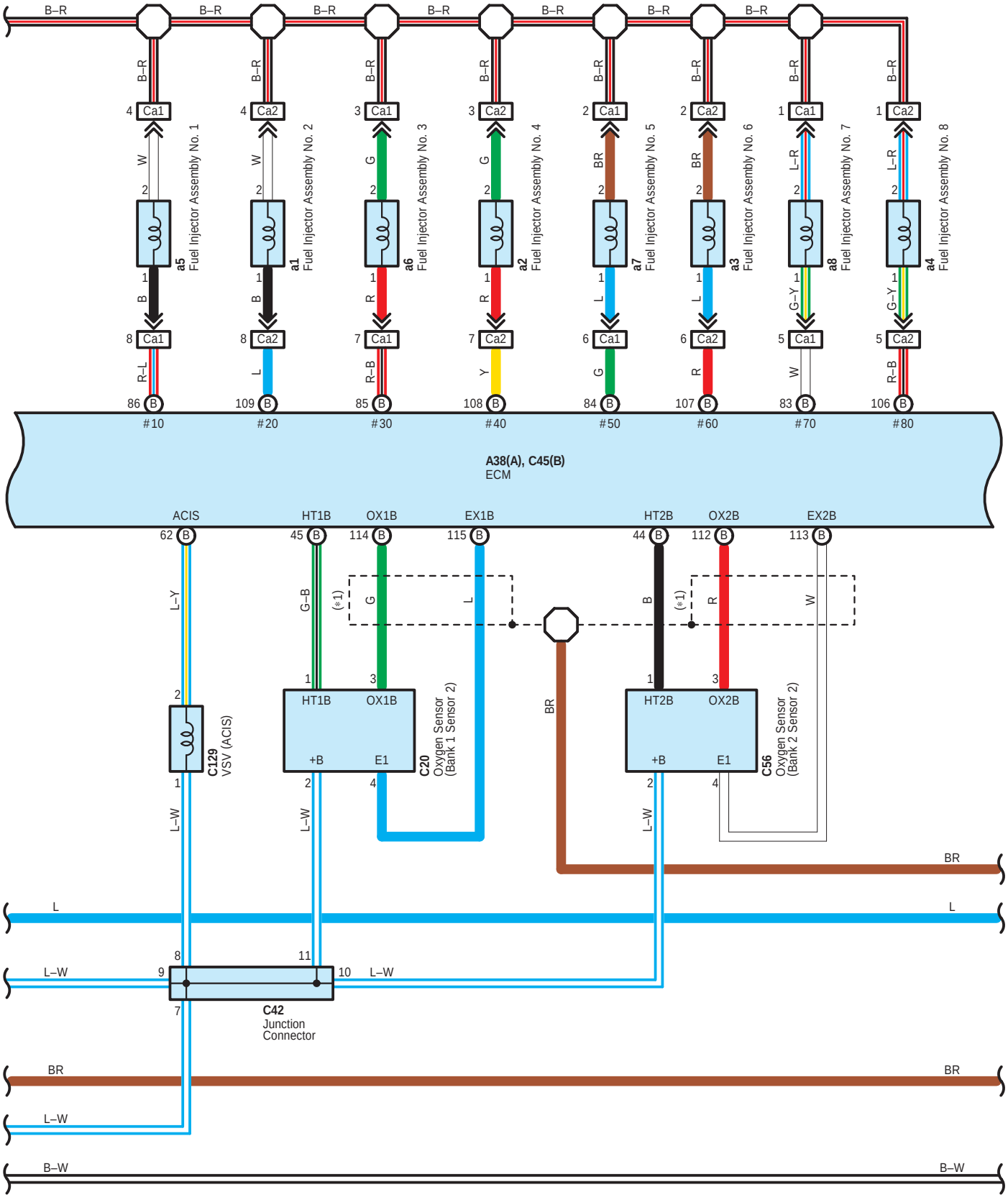


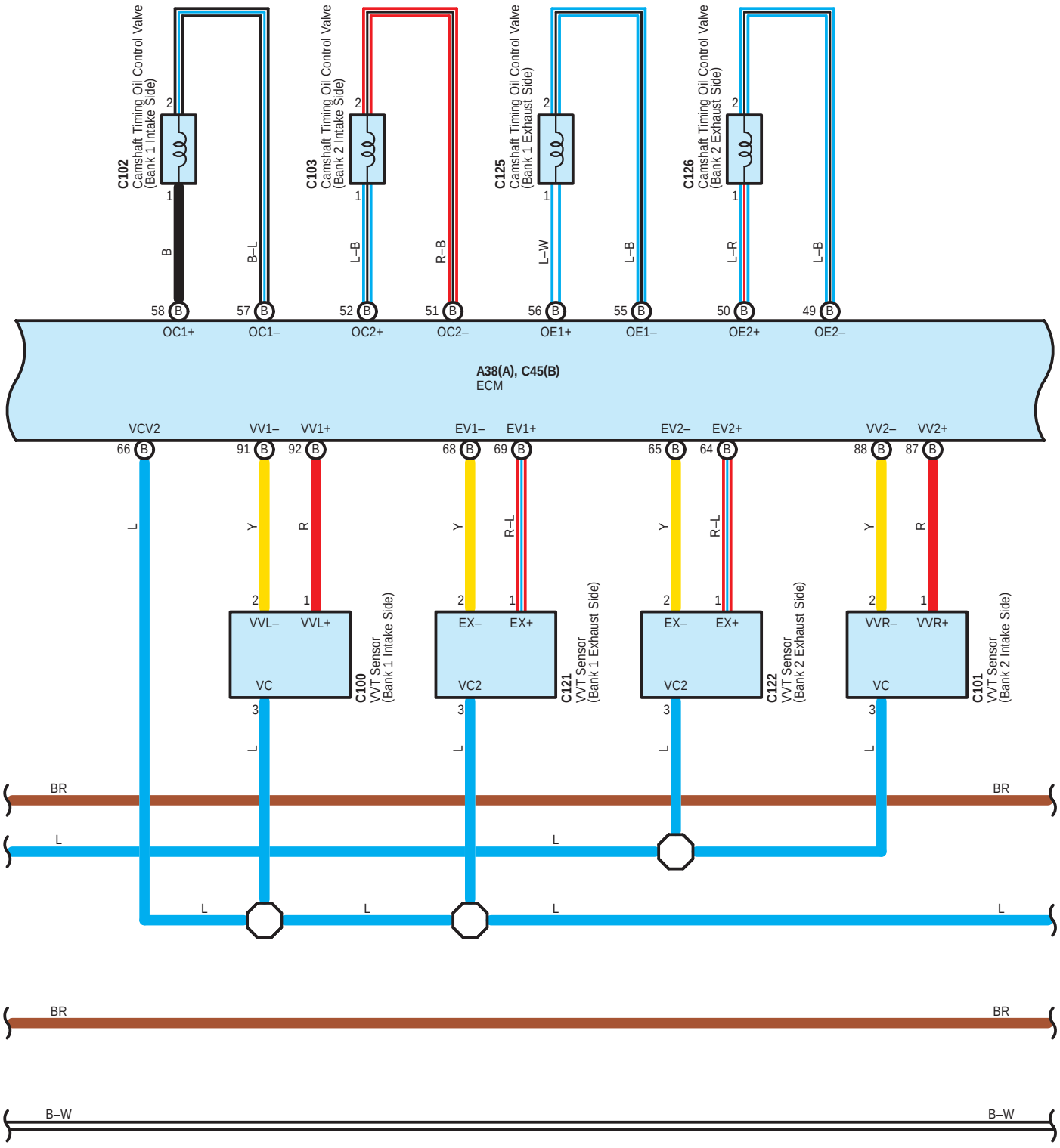

(BAT)
15A
A/F
(BAT)
25A
EFI MAIN
(IG)
10A
IGN
(BAT)
20A
EFI MAIN 2
A/F Relay
EFI Relay
7. 5A
EFI
NO. 2
EFI NO. 2
Relay
C/OPN Relay
A34
Junction
Connector
CA2
CA1
AK2
A3
L
W–R
B
B–Y
W–B
L–W
L–R
B–W
(*2)
(*3)

∗ 2 : Before Jan. 2012 Production
∗ 3 : From Jan. 2012 Production

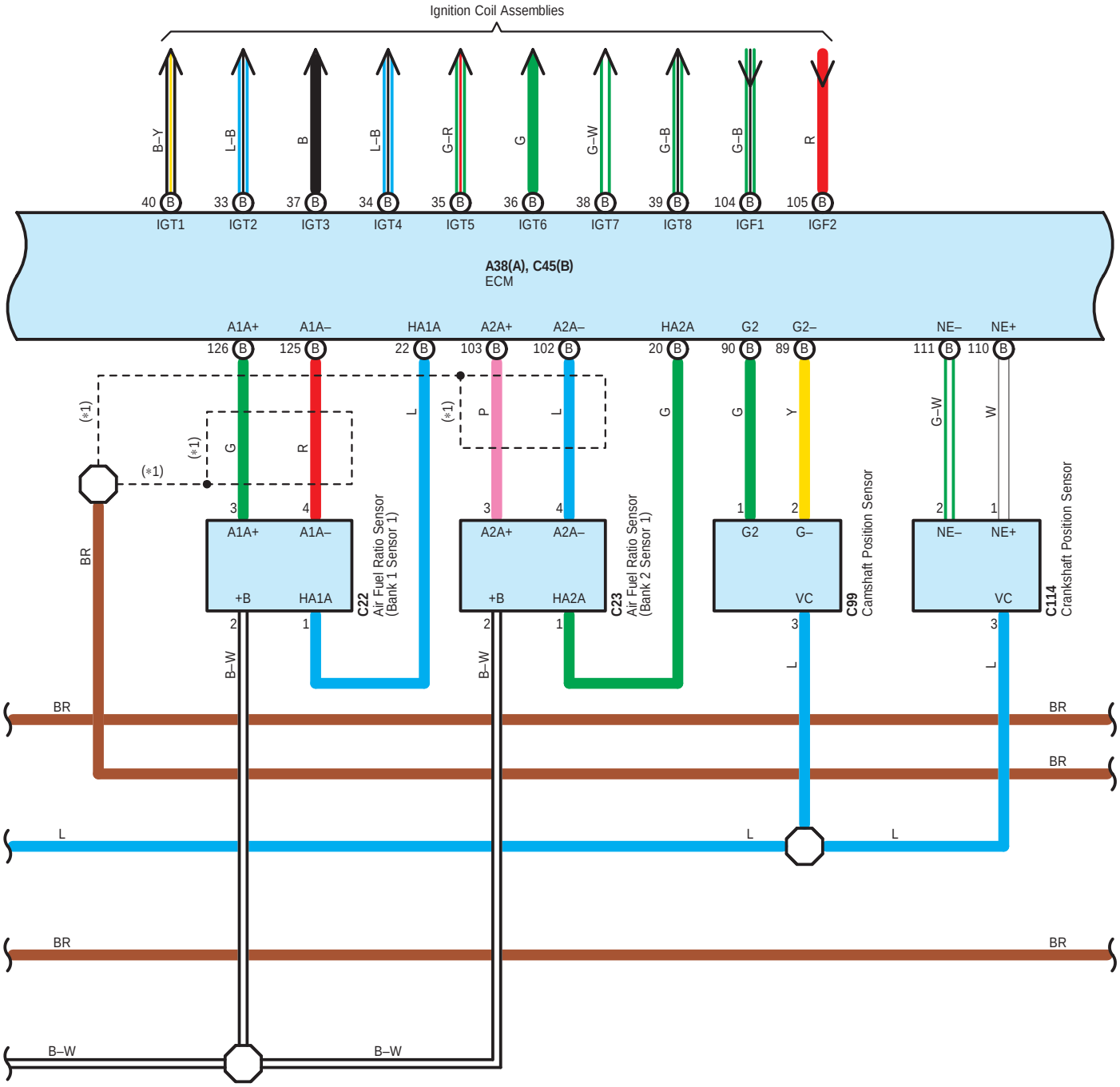


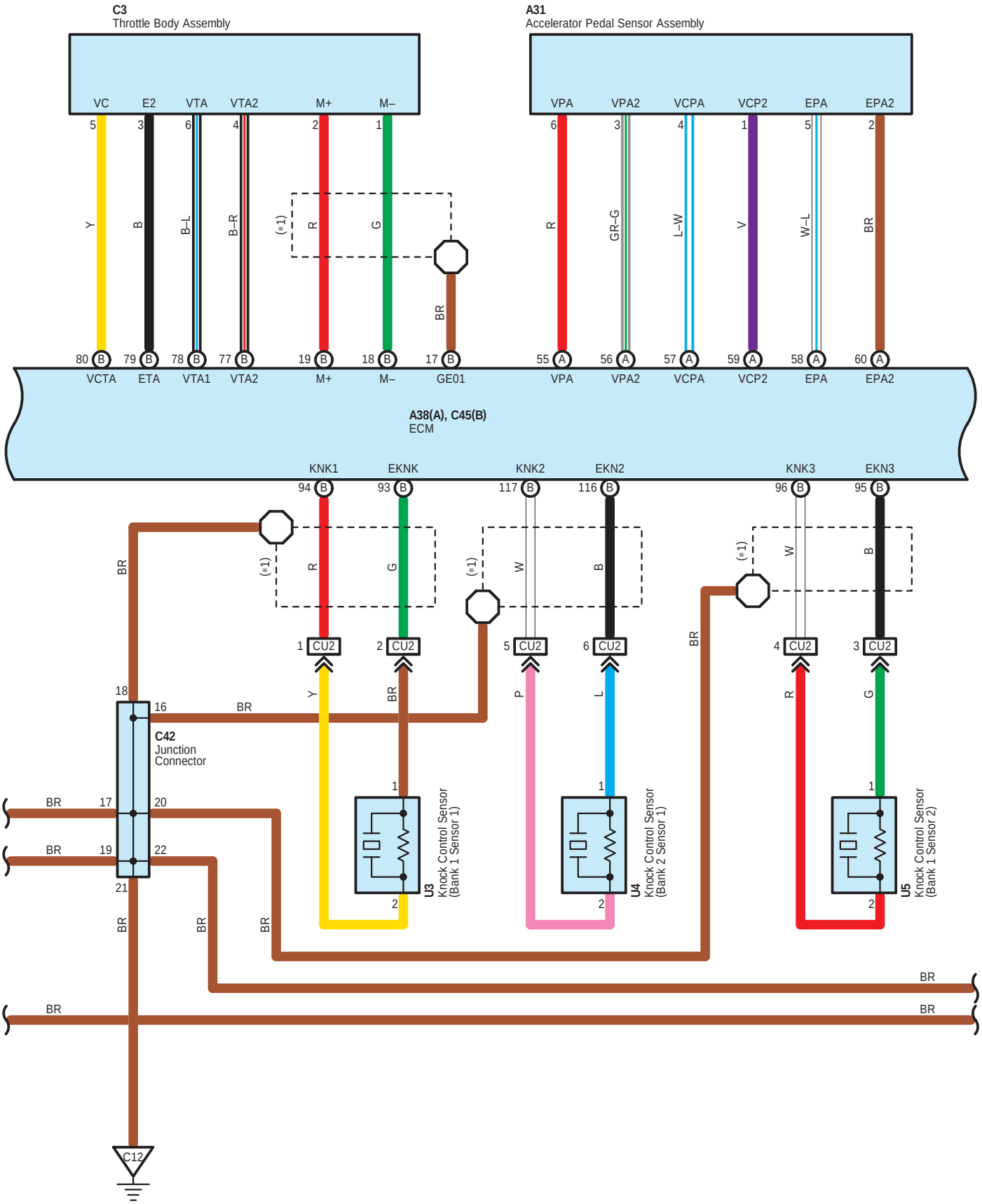

* 1 : Shielded
(IG)
10A
IGN
(BAT)
10A
ETCS
(IG)
10A
INJ
B–R
10
CA1
B
P–B
27
CA3
P
B
28
A
IGSW
41
B
+BM
A38(A), C45(B)
ECM
PSP
VCV1
ETHA
VG
E2G
THA
72
67
98
74
75
73
G
L
BR
L–Y
G–W
Y–B
2
3
4
PSP
E2
VC
C59
Power Steering Oil
Pressure Sensor
VG
E2G
THA
E2
+B
C50
Mass Air Flow Meter
3
1
5
1
BR
L
BR
L–W
L
L
L
BR
BR
L–W
BR
L–W
L–W
B–W
B–W

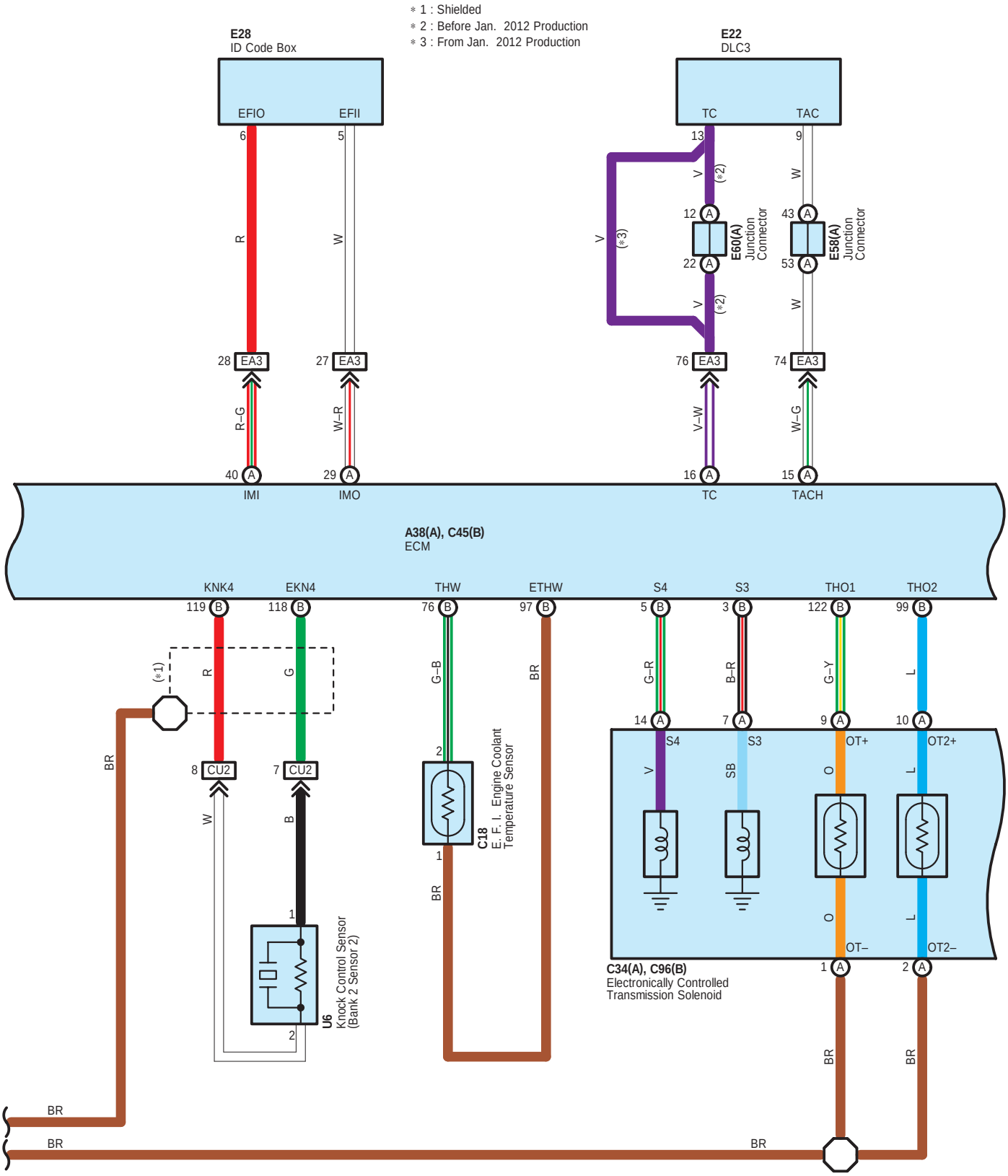

B–R
4 Ca1
4 Ca2
3 Ca1
3 Ca2
2 Ca1
2 Ca2
1 Ca1
1 Ca2
W
G
BR
L–R
2
a5 Fuel Injector Assembly No. 1
a1 Fuel Injector Assembly No. 2
a6 Fuel Injector Assembly No. 3
a2 Fuel Injector Assembly No. 4
a7 Fuel Injector Assembly No. 5
a3 Fuel Injector Assembly No. 6
a8 Fuel Injector Assembly No. 7
a4 Fuel Injector Assembly No. 8
1
B
R
L
G–Y
R–L
R–B
8 Ca1
8 Ca2
7 Ca1
7 Ca2
6 Ca1
6 Ca2
5 Ca1
5 Ca2
86 B
109 B
85 B
108 B
84 B
107 B
83 B
106 B
#10
#20
#30
#40
#50
#60
#70
#80
A38(A), C45(B)
ECM
ACIS
HT1B
OX1B
EX1B
HT2B
OX2B
EX2B
62 B
45 B
114 B
115 B
44 B
112 B
113 B
L–Y
G–B
(*1)
G
L
B
R
W
C129
VSV (ACIS)
C20
Oxygen Sensor
(Bank 1 Sensor 2)
C56
Oxygen Sensor
(Bank 2 Sensor 2)
+B
E1
L–W
C42
Junction
Connector
B–W

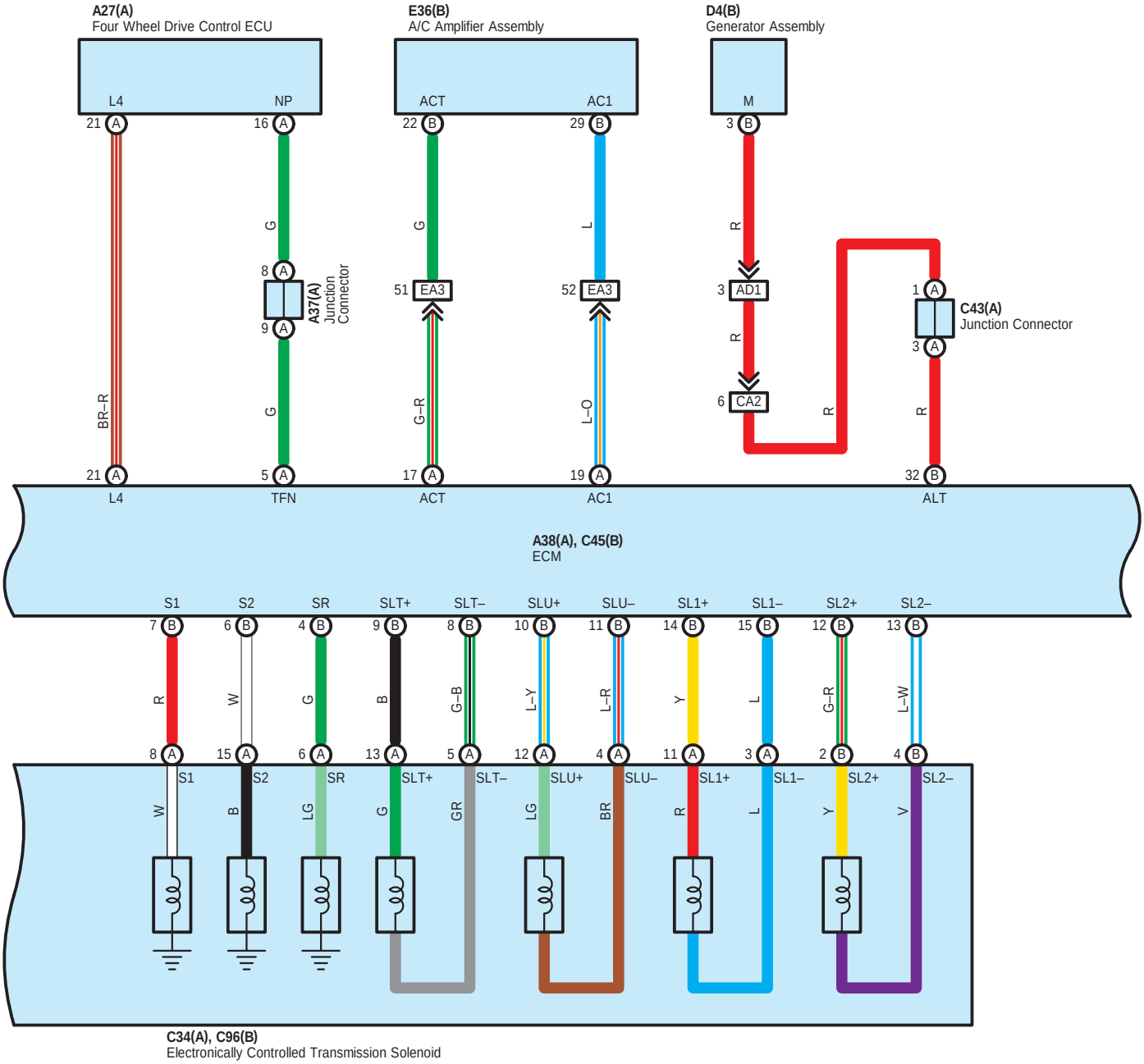

C102
Camshaft Timing Oil Control Valve (Bank 1 Intake Side)
C103
Camshaft Timing Oil Control Valve (Bank 2 Intake Side)
C125
Camshaft Timing Oil Control Valve (Bank 1 Exhaust Side)
C126
Camshaft Timing Oil Control Valve (Bank 2 Exhaust Side)
B
B–L
L–B
R–B
L–W
L–B
L–R
L–B
58 OC1+
57 OC1–
52 OC2+
51 OC2–
56 OE1+
55 OE1–
50 OE2+
49 OE2–
A38(A), C45(B)
ECM
VCV2
VV1–
VV1+
EV1–
EV1+
EV2–
EV2+
VV2–
VV2+
66
91
92
68
69
65
64
88
87
L
Y
R
R–L
VVL–
VVL+
EX–
EX+
VVR–
VVR+
VC
VC2
C100
VVT Sensor (Bank 1 Intake Side)
C121
VVT Sensor (Bank 1 Exhaust Side)
C122
VVT Sensor (Bank 2 Exhaust Side)
C101
VVT Sensor (Bank 2 Intake Side)
BR
L
B–W

∗ 1 : Shielded

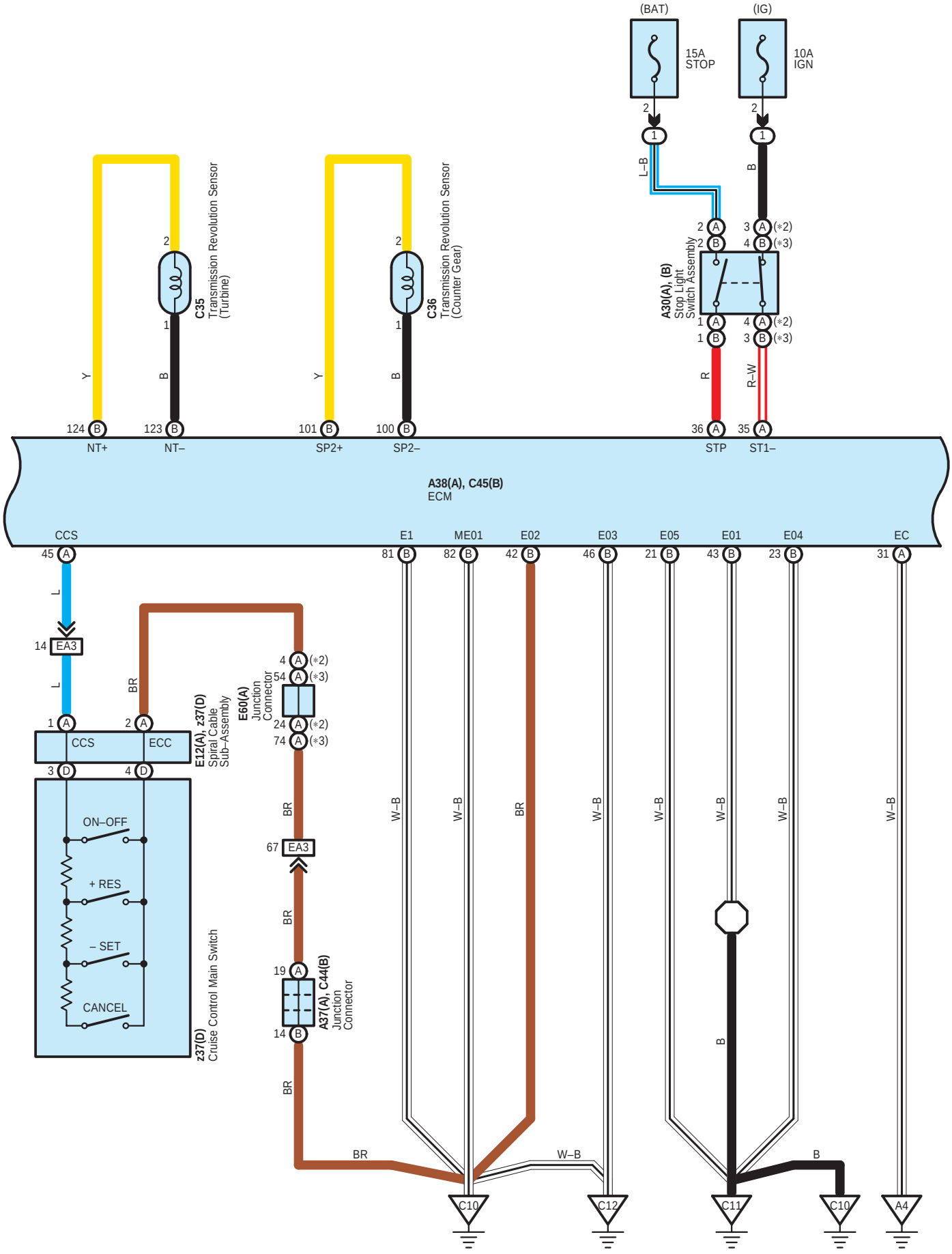

Ignition Coil Assemblies
B–Y
L–B
B
L–B
G–R
G
G–W
G–B
G–B
R
40 B IGT1
33 B IGT2
37 B IGT3
34 B IGT4
35 B IGT5
36 B IGT6
38 B IGT7
39 B IGT8
104 B IGF1
105 B IGF2
A38(A), C45(B)
ECM
A1A+ 126 B
A1A– 125 B
HA1A 22 B
A2A+ 103 B
A2A– 102 B
HA2A 20 B
G2 90 B
G2– 89 B
NE– 111 B
NE+ 110 B
(∗1)
G
R
L
P
L
G
G
Y
G–W
W
3
4
1
2
A1A+
A1A–
+B
HA1A
C22
Air Fuel Ratio Sensor
(Bank 1 Sensor 1)
A2A+
A2A–
+B
HA2A
C23
Air Fuel Ratio Sensor
(Bank 2 Sensor 1)
G2
G–
VC
C99
Camshaft Position Sensor
NE–
NE+
VC
C114
Crankshaft Position Sensor
BR
B–W
L
BR
BR
BR
BR
L
L
L
B–W
B–W

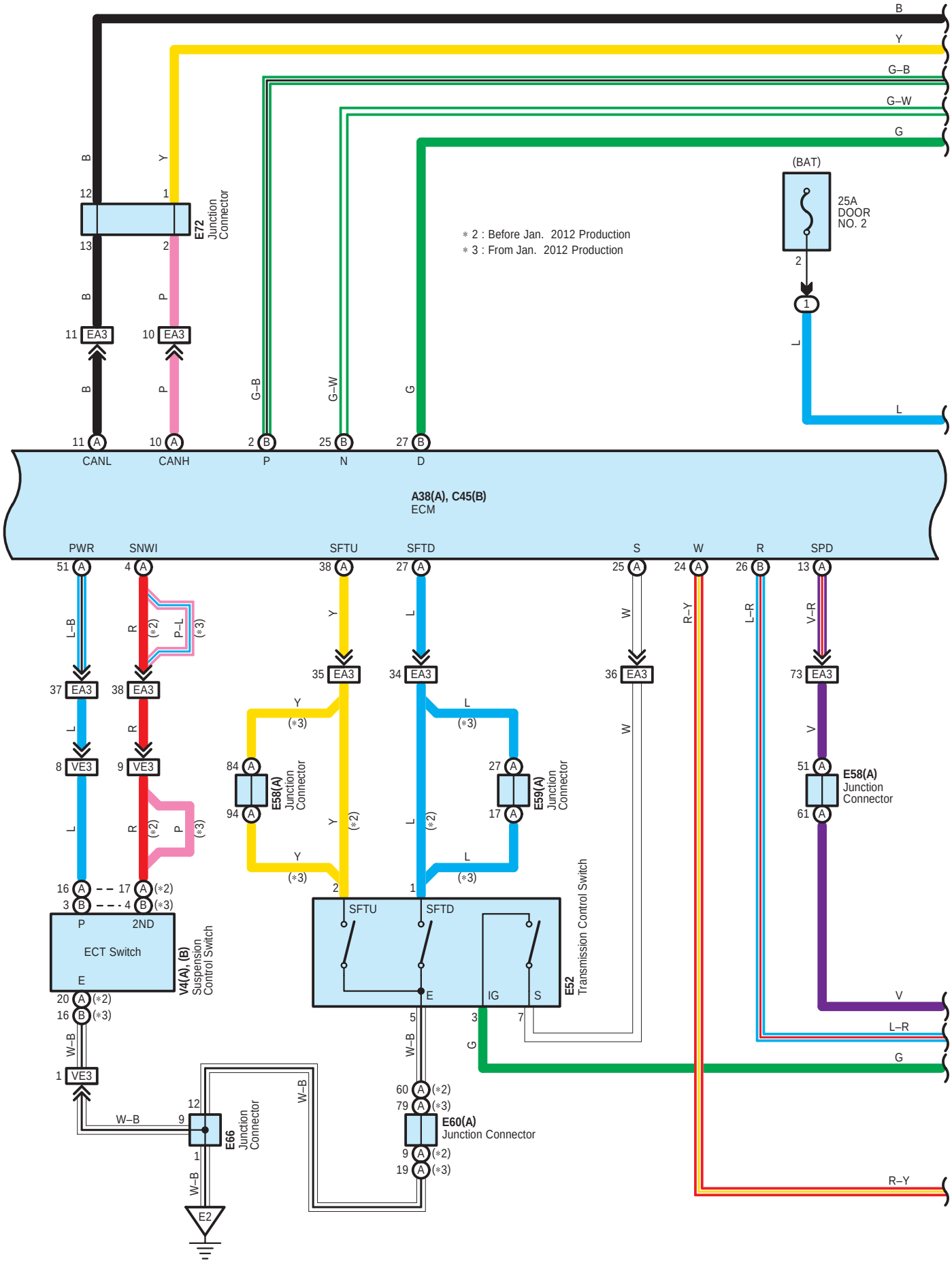

C3
Throttle Body Assembly
VC
E2
VTA
VTA2
M+
M–
A31
Accelerator Pedal Sensor Assembly
VPA
VPA2
VCPA
VCP2
EPA
EPA2
A38(A), C45(B)
ECM
VCTA
ETA
VTA1
VTA2
M+
M–
GE01
KNK1
EKNK
KNK2
EKN2
KNK3
EKN3
(*1)
C42
Junction
Connector
CU2
U3
Knock Control Sensor
(Bank 1 Sensor 1)
U4
Knock Control Sensor
(Bank 2 Sensor 1)
U5
Knock Control Sensor
(Bank 1 Sensor 2)
C12

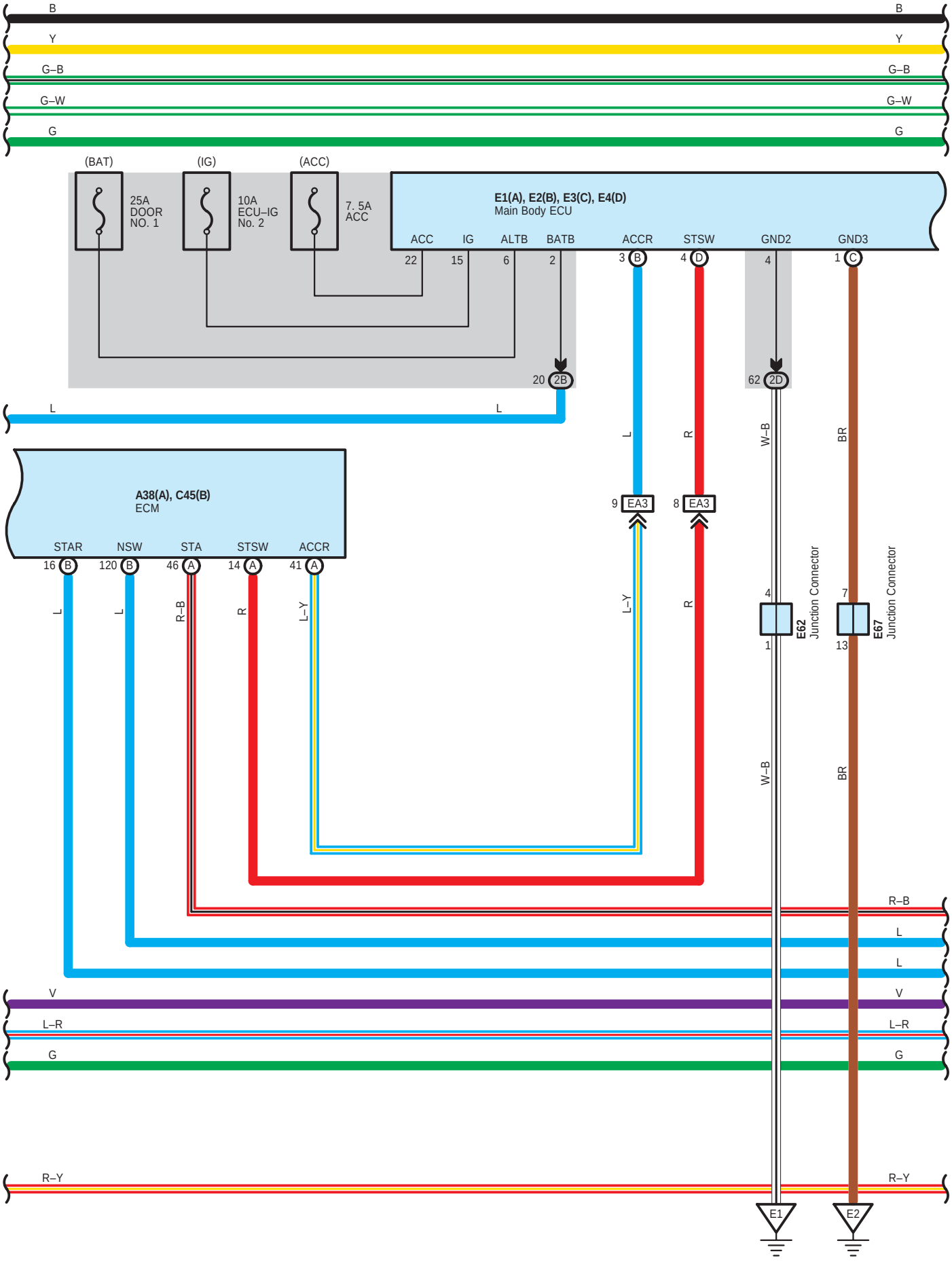

* 1 : Shielded
* 2 : Before Jan. 2012 Production
* 3 : From Jan. 2012 Production
E28
ID Code Box
EFIO
EFII
E22
DLC3
TC
TAC
E60(A)
Junction Connector
E58(A)
Junction Connector
A38(A), C45(B)
ECM
IMI
IMO
TC
TACH
KNK4
EKN4
THW
ETHW
S4
S3
THO1
THO2
U6
Knock Control Sensor (Bank 2 Sensor 2)
C18
E. F. I. Engine Coolant Temperature Sensor
C34(A), C96(B)
Electronically Controlled Transmission Solenoid
OT+
OT–
OT2+
OT2–
BR

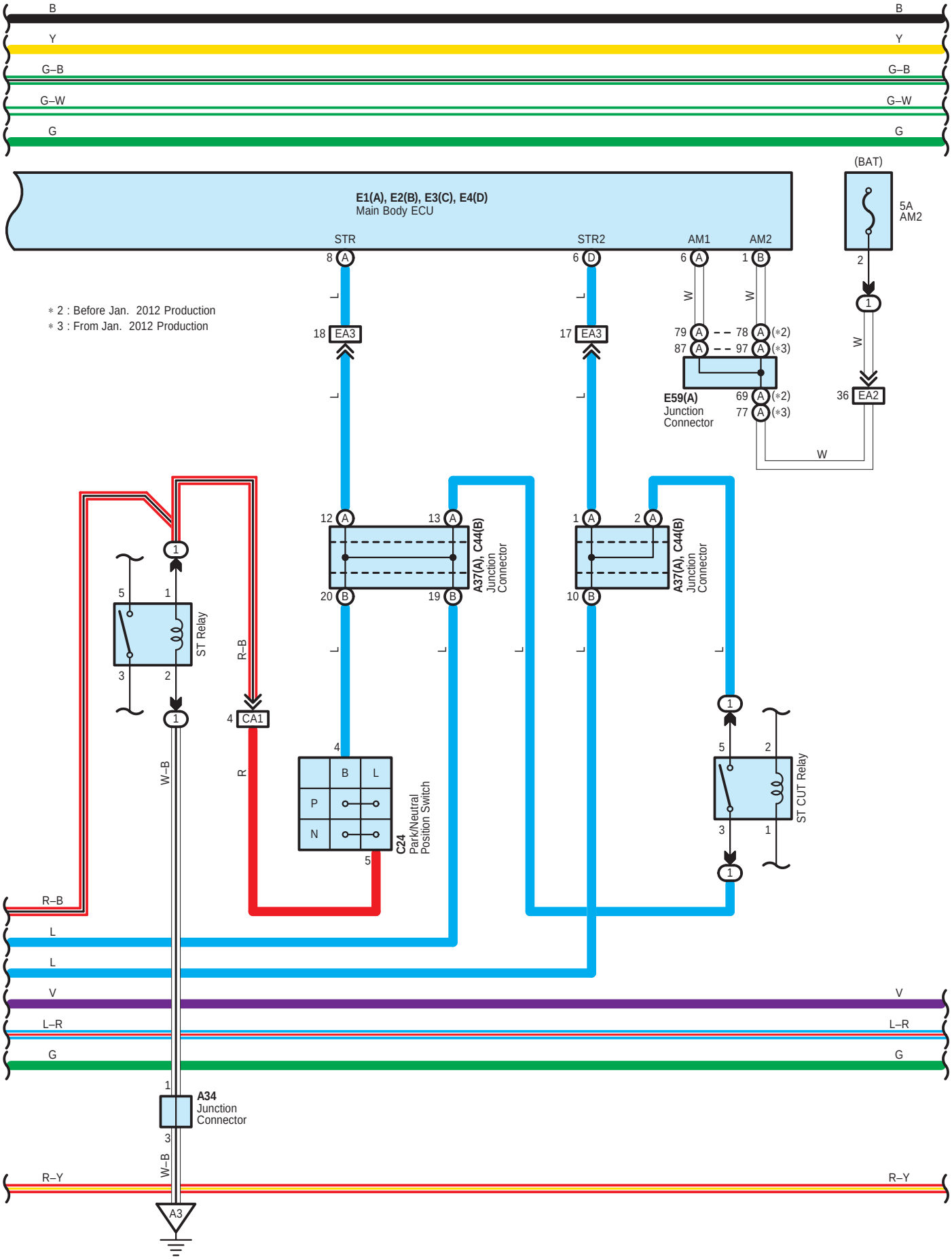


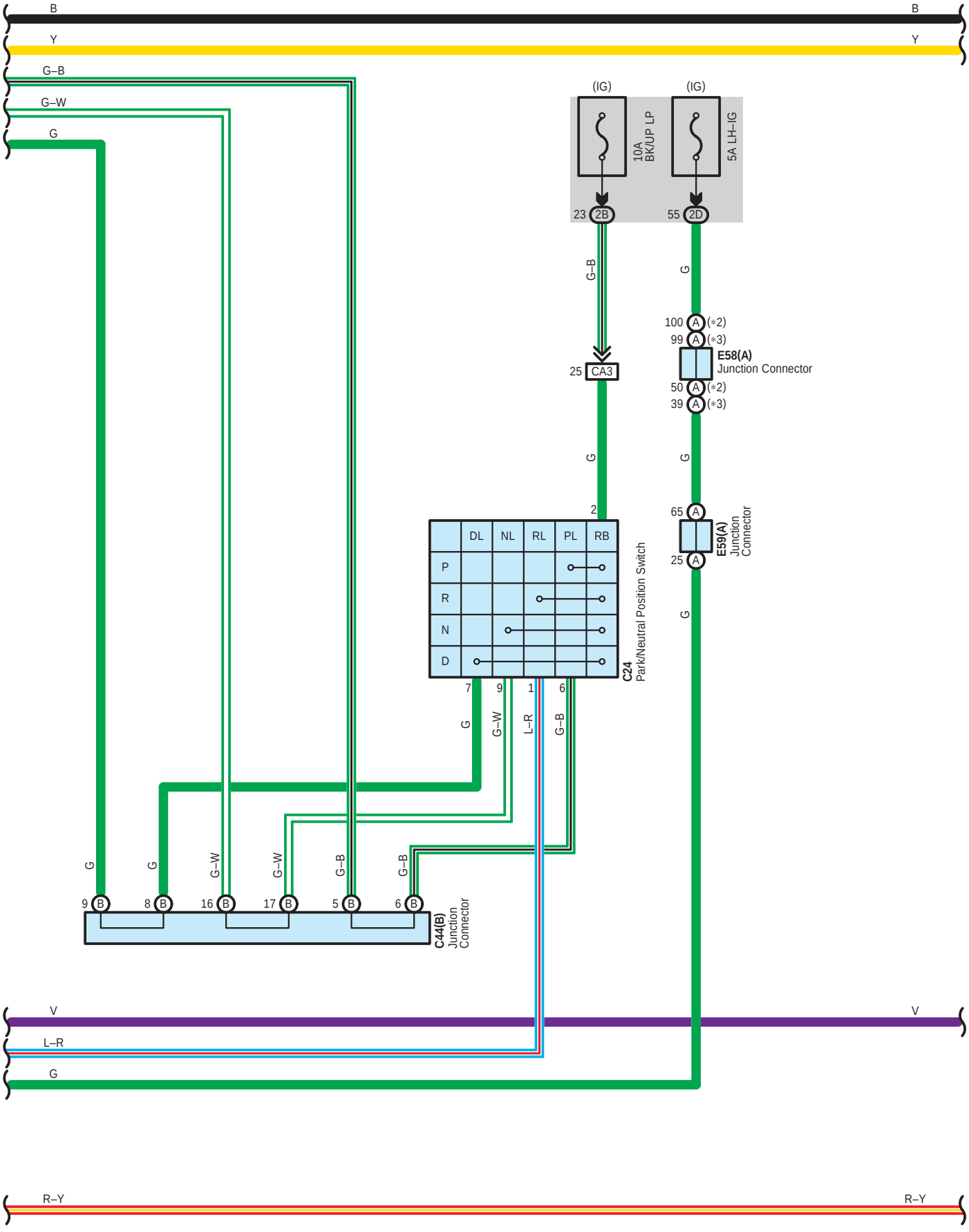
∗ 2 : Before Jan. 2012 Production
∗ 3 : From Jan. 2012 Production

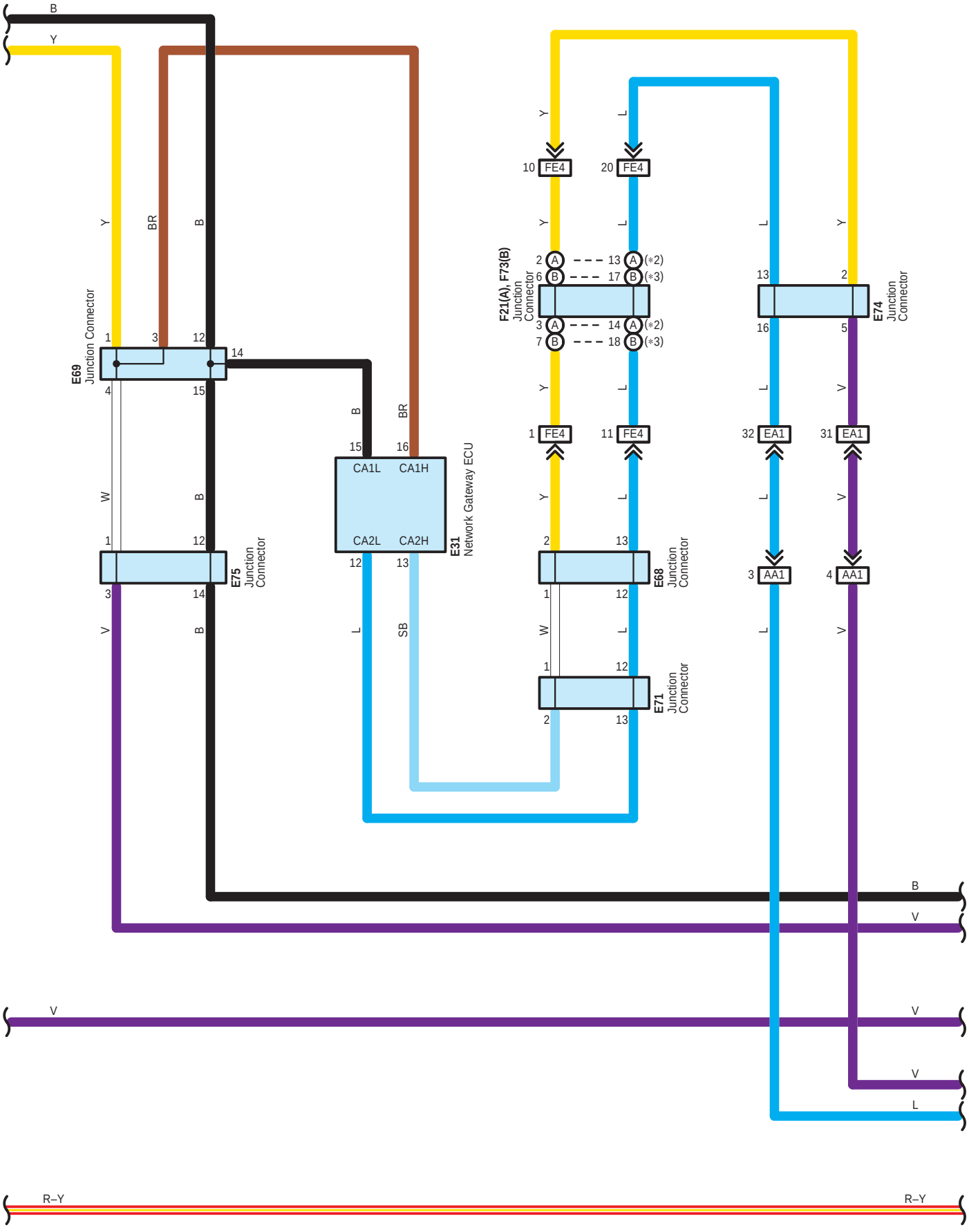

(BAT)
(IG)
15A STOP
10A IGN
C35 Transmission Revolution Sensor (Turbine)
C36 Transmission Revolution Sensor (Counter Gear)
A30(A), (B) Stop Light Switch Assembly
NT+
NT–
SP2+
SP2–
STP
ST1–
A38(A), C45(B) ECM
CCS
E1
ME01
E02
E03
E05
E01
E04
EC
E12(A), z37(D) Spiral Cable Sub-Assembly
E60(A) Junction Connector
A37(A), C44(B) Junction Connector
z37(D) Cruise Control Main Switch
ON–OFF
+ RES
– SET
CANCEL
EA3
C10
C12
C11
A4

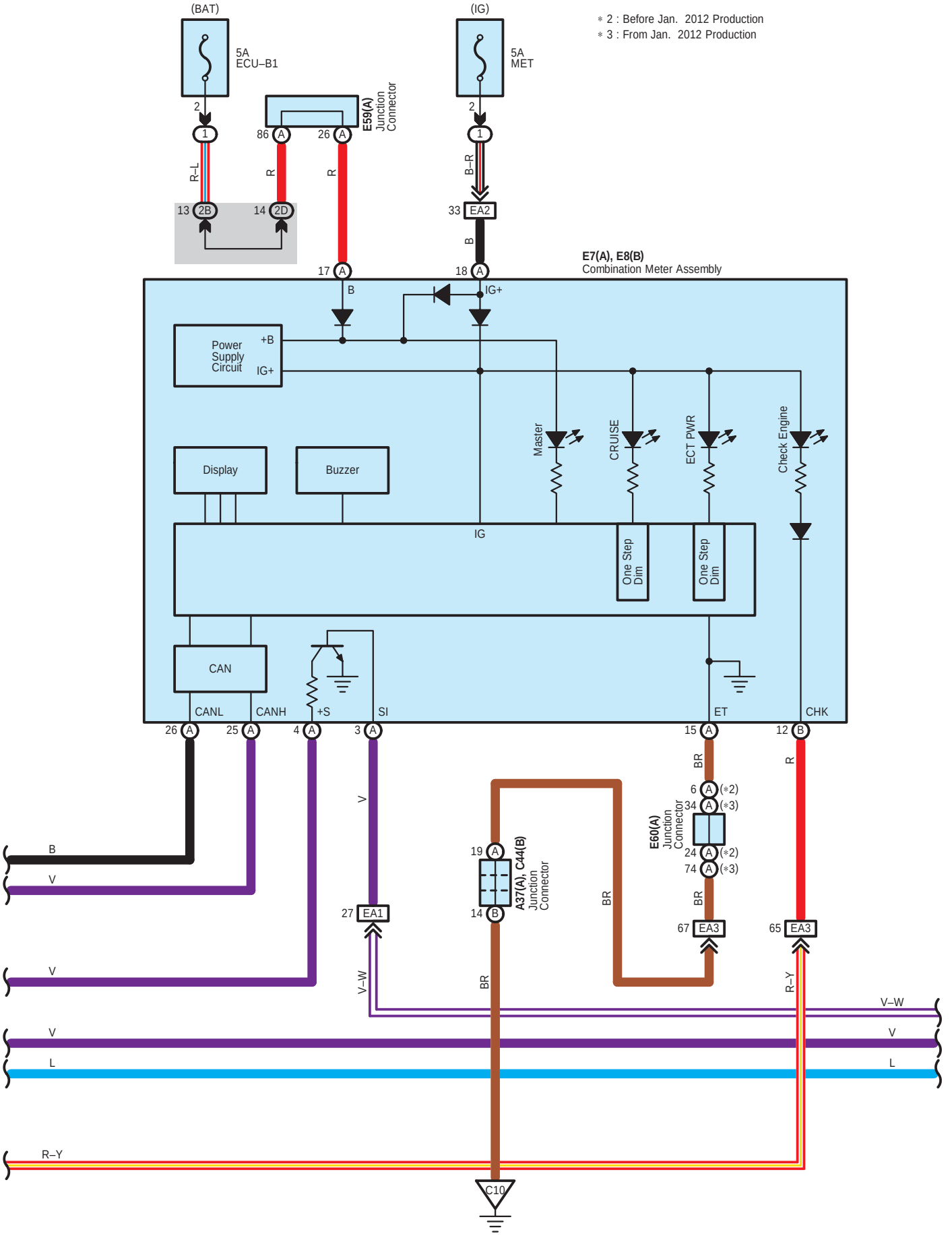

B
Y
G–B
G–W
G
(BAT)
25A
DOOR
NO. 2
∗ 2 : Before Jan. 2012 Production
∗ 3 : From Jan. 2012 Production
E72
Junction
Connector
CANL
CANH
P
N
D
A38(A), C45(B)
ECM
PWR
SNWI
SFTU
SFTD
S
W
R
SPD
ECT Switch
2ND
V4(A), (B)
Suspension
Control Switch
E58(A)
Junction
Connector
E59(A)
Junction
Connector
E52
Transmission Control Switch
E66
Junction
Connector
E60(A)
Junction Connector
E2

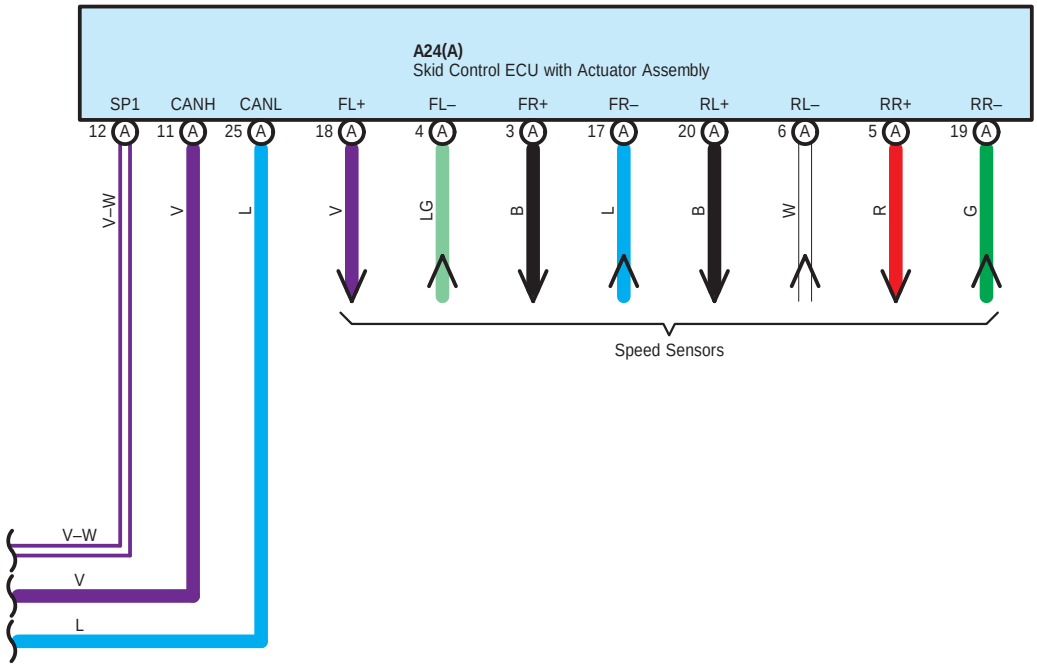

B
Y
G–B
G–W
G
(BAT)
(IG)
(ACC)
25A DOOR NO. 1
10A ECU–IG No. 2
7. 5A ACC
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
ACC
IG
ALTB
BATB
ACCR
STSW
GND2
GND3
22
15
6
2
3 B
4 D
4
1 C
20 2B
62 2D
L
A38(A), C45(B)
ECM
STAR
NSW
STA
STSW
ACCR
16 B
120 B
46 A
14 A
41 A
R–B
R
L–Y
9 EA3
8 EA3
W–B
BR
4
1
E62
Junction Connector
7
13
E67
Junction Connector
V
L–R
R–Y
E1
E2


B
Y
G–B
G–W
G
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
STR
STR2
AM1
AM2
(BAT)
5A
AM2
∗ 2 : Before Jan. 2012 Production
∗ 3 : From Jan. 2012 Production
EA3
EA2
E59(A)
Junction
Connector
A37(A), C44(B)
Junction
Connector
ST Relay
ST CUT Relay
C24
Park/Neutral
Position Switch
CA1
A34
Junction
Connector
W–B
R–B
R–Y
L–R
V
L
W
R
A3

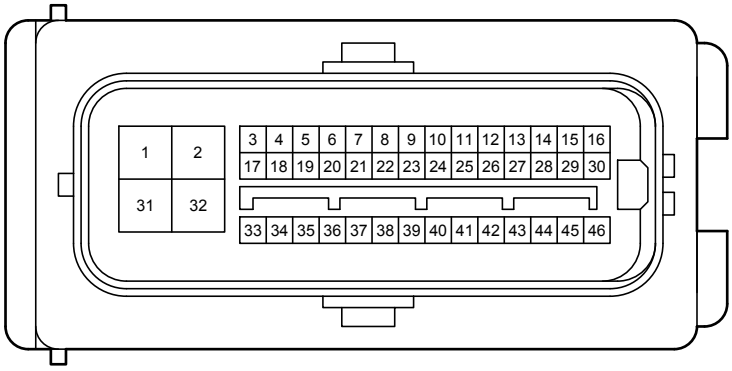

B
Y
G–B
G–W
G
(IG)
(IG)
10A
BK/UP LP
5A LH–IG
23 2B
55 2D
G–B
G
100 A (*2)
99 A (*3)
E58(A)
Junction Connector
50 A (*2)
39 A (*3)
25 CA3
G
G
2
65 A
E59(A)
Junction
Connector
25 A
G
DL
NL
RL
PL
RB
P
R
N
D
C24
Park/Neutral Position Switch
7
9
1
6
G
G–W
L–R
G–B
G
G
G–W
G–W
G–B
G–B
9 B
8 B
16 B
17 B
5 B
6 B
C44(B)
Junction
Connector
V
L–R
G
V
R–Y
R–Y


B
Y
E69 Junction Connector
E75 Junction Connector
E31 Network Gateway ECU
CA1L
CA1H
CA2L
CA2H
F21(A), F73(B) Junction Connector
E68 Junction Connector
E71 Junction Connector
E74 Junction Connector
FE4
EA1
AA1
(*2)
(*3)
V
L
R–Y

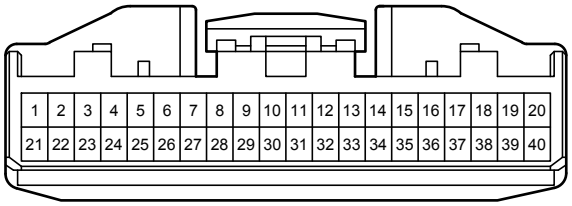

(BAT)
(IG)
* 2 : Before Jan. 2012 Production
* 3 : From Jan. 2012 Production
5A
ECU–B1
5A
MET
E59(A)
Junction
Connector
E7(A), E8(B)
Combination Meter Assembly
Power
Supply
Circuit
+B
IG+
Display
Buzzer
Master
CRUISE
ECT PWR
Check Engine
One Step
Dim
IG
CAN
CANL
CANH
+S
SI
ET
CHK
E60(A)
Junction
Connector
A37(A), C44(B)
Junction
Connector
EA1
EA2
EA3
C10
R–L
B–R
B
R
V
V–W
R–Y
BR
L


A24(A)
Skid Control ECU with Actuator Assembly
SP1
CANH
CANL
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
12
11
25
18
4
3
17
20
6
5
19
V–W
V
L
V
LG
B
L
B
W
R
G
Speed Sensors
V–W
V
L

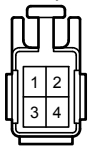
A 24
Black



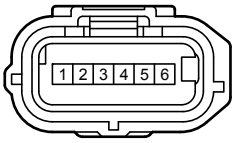
A 27
Black



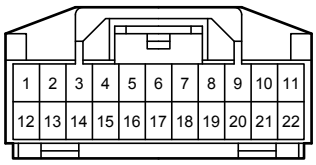
A 30
Gray



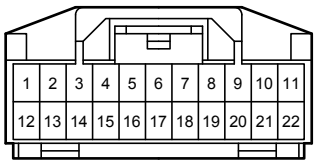
A 31
Black



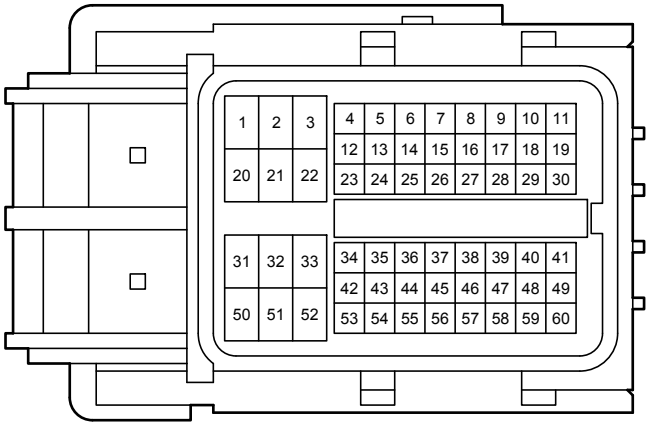
A 34
White



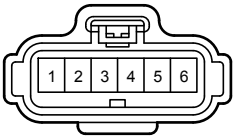
A 37
Blue



A 38
Black



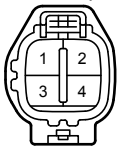
C 3
Black



C 18
Dark Gray



C 20
Dark Gray



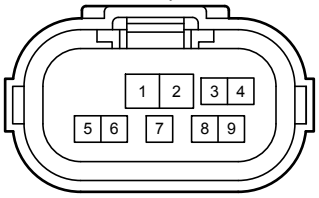
C 22
Dark Gray



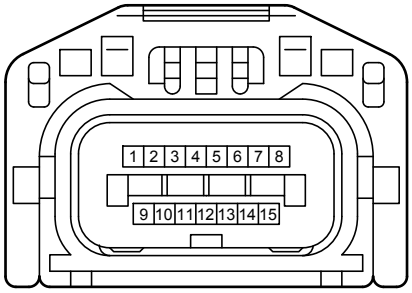
C 23
Dark Gray



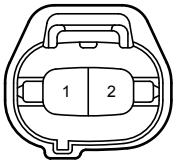
C 24
Gray



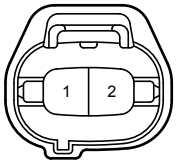
C 34
Gray



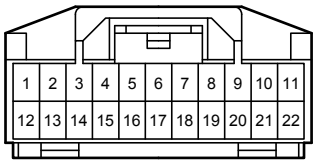
C 35
Black



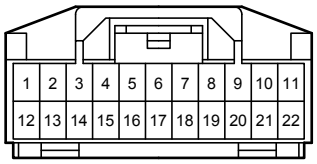
C 36
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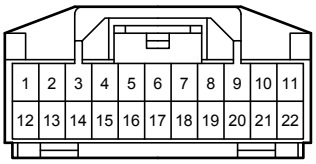
C 42
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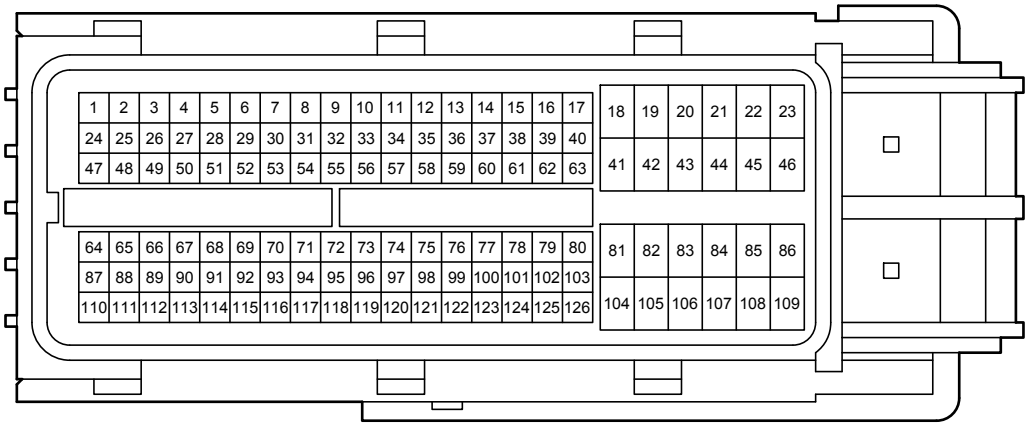
C 43
White



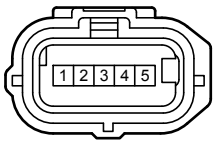
C 44
Blue



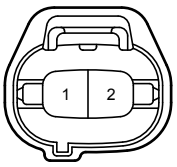
C 45
Black



C 50
Black



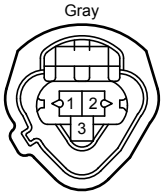
C 55
Black



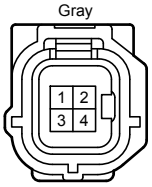
C 56
Dark Gray



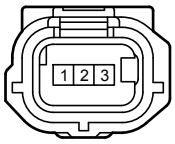
C 59
Gray



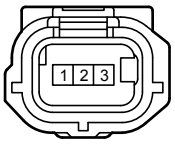
C 96
Gray



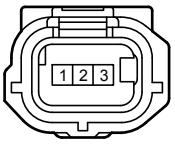
C 99
Black



C100
Black



C101
Black



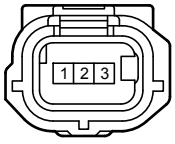
C102
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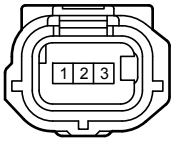
C103
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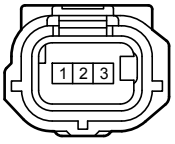
C114
Black



C121
Black



C122
Black



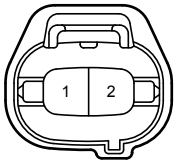
C125
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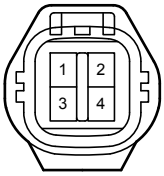
C126
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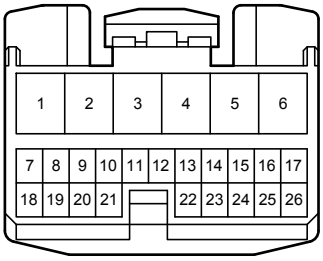
C129
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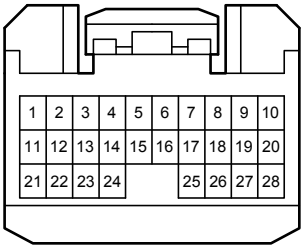
D 4
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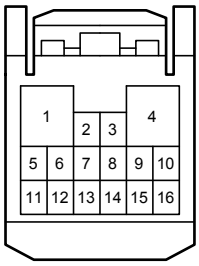
E 1
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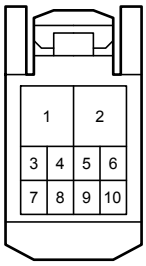
E 2
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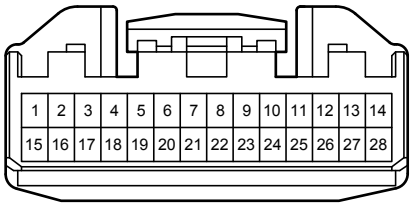
E 3
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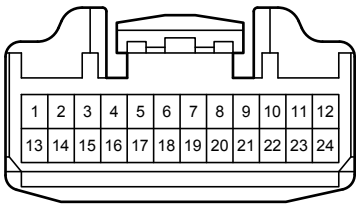
E 4
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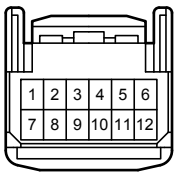
E 7
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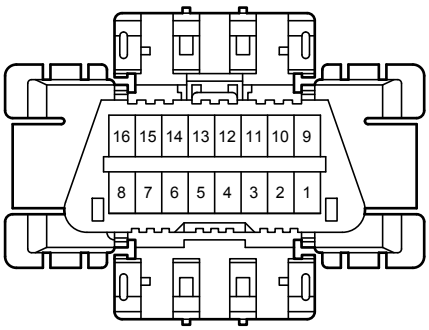
E 8
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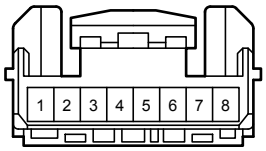
E 12
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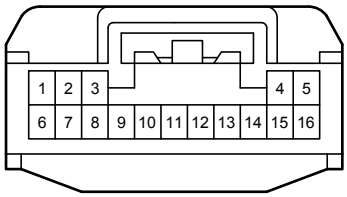
E 22
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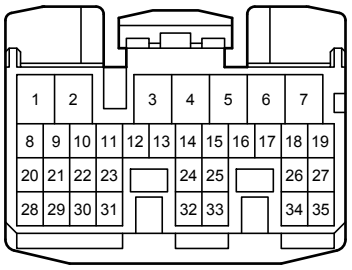
E 28
White



E 31
White

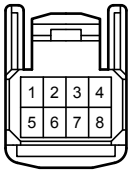


E 36
White

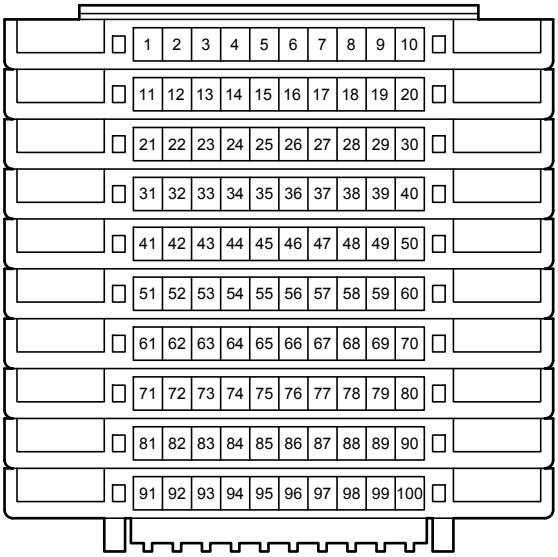


E 52

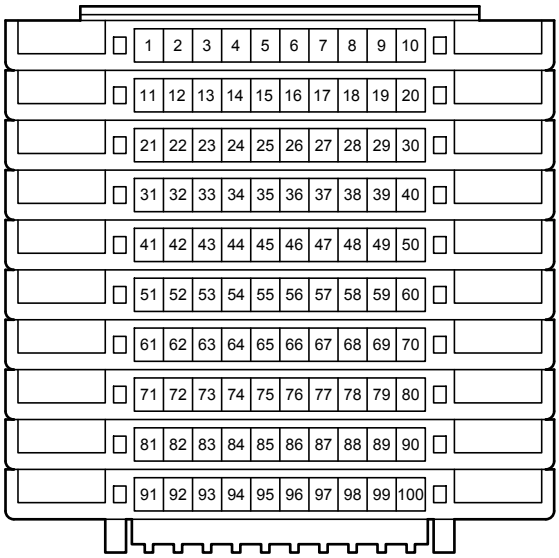
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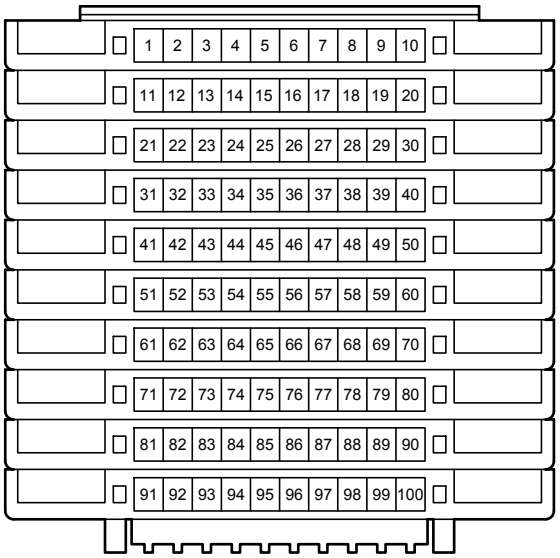
E 58



E 59

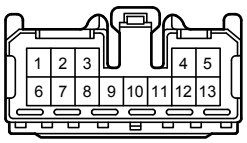


E 60



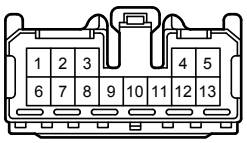
E 62

White



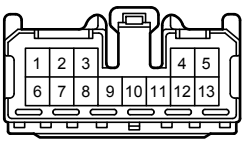
E 66

White



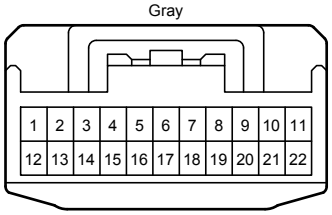
E 67

White



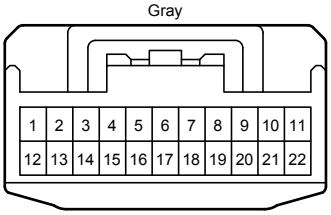
E 68

Gray



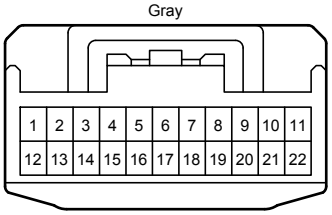
E 69

Gray

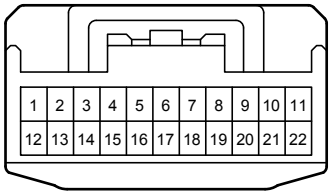


E 71

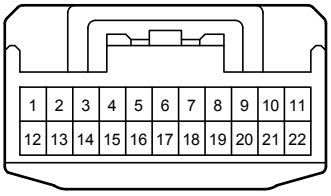
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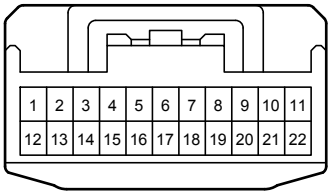
E 72
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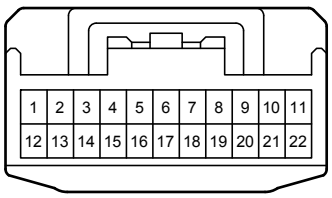
E 74
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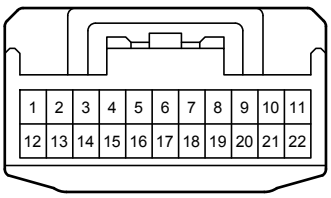
E 75
Gray



F 21
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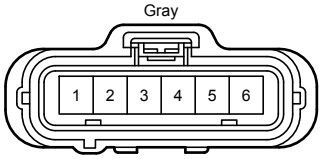
F 73
Blue



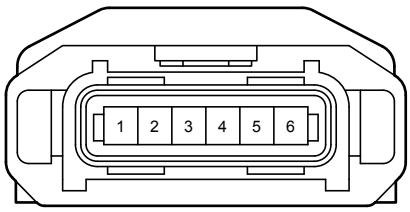
N 1
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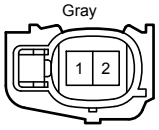
N 13
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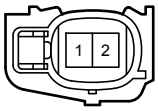
N 14
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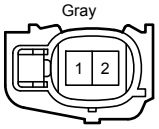
U 3
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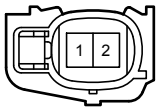
U 4
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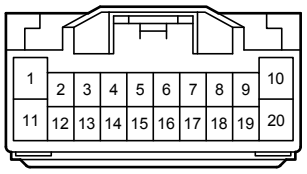
U 5
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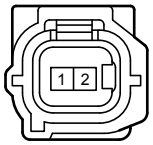
U 6
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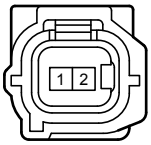
V 4
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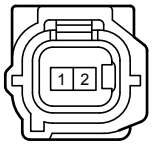
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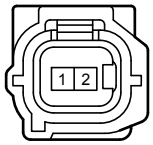
a 2
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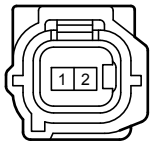
a 3
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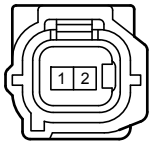
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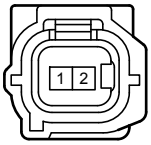
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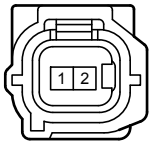
a 6
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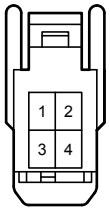
a 7
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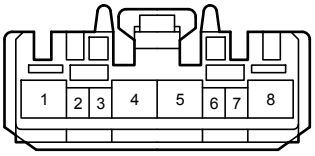
a 8
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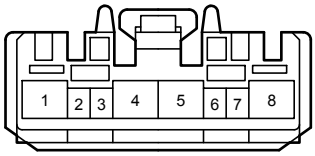
z 37
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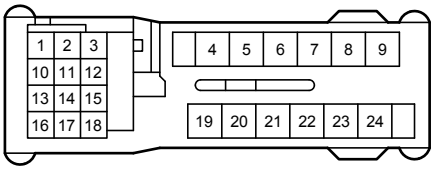
1A
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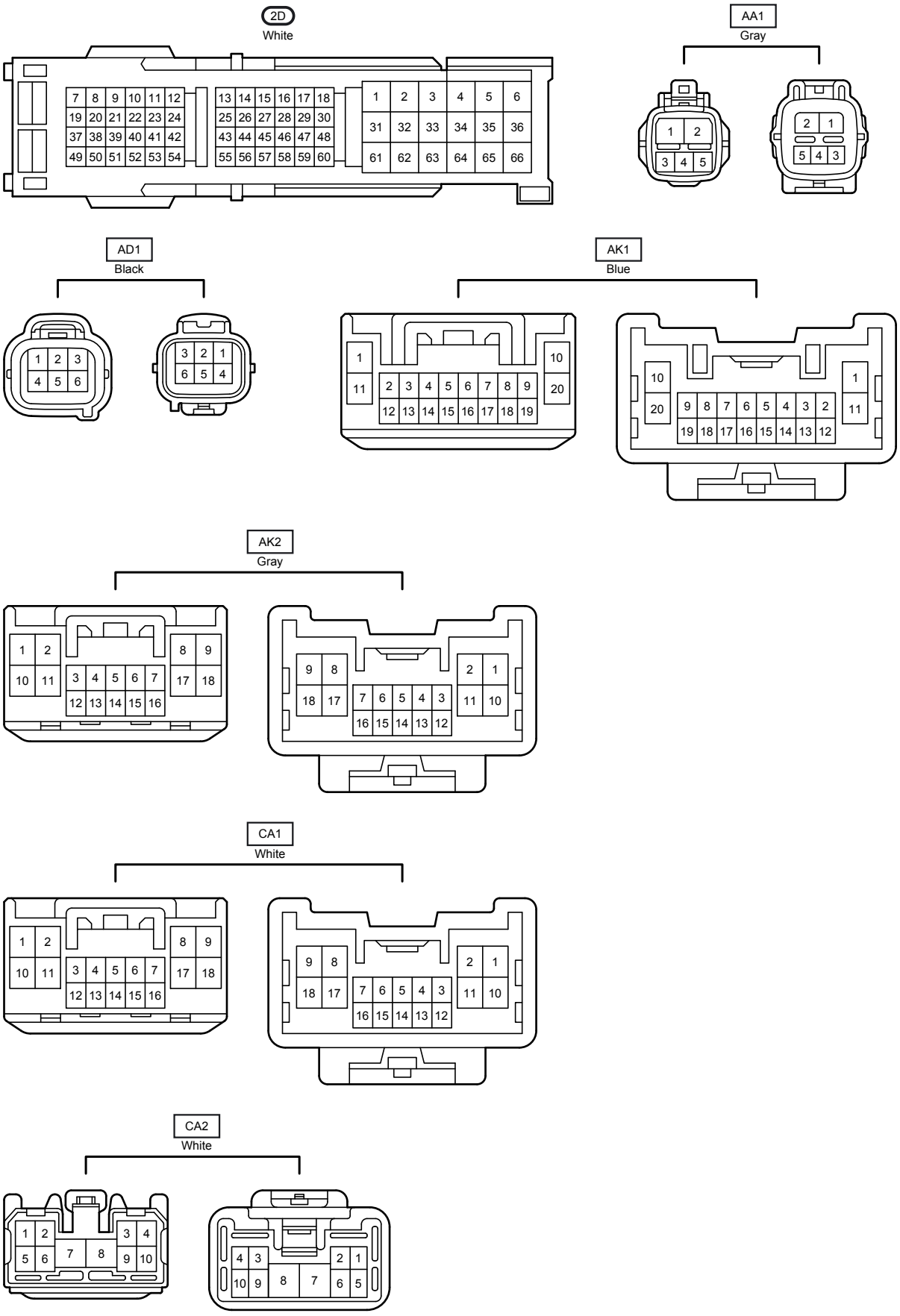


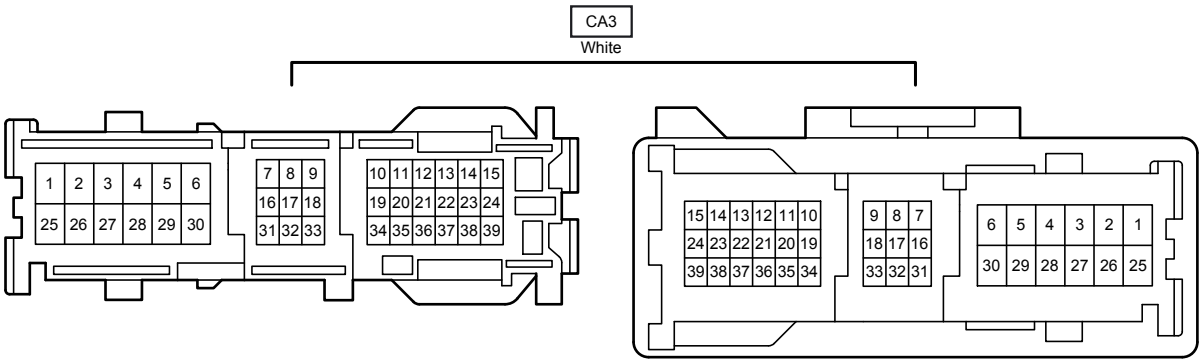
1B
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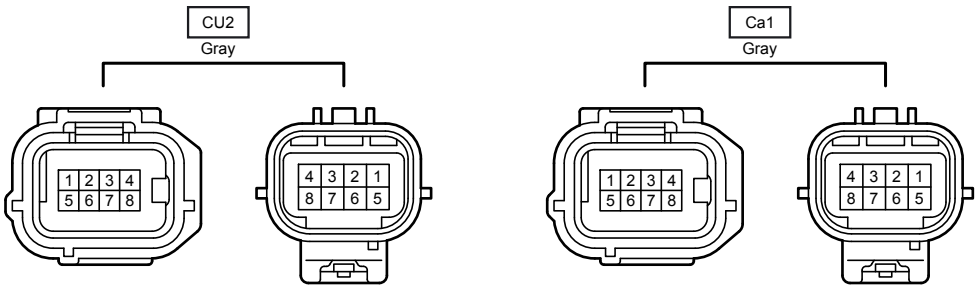


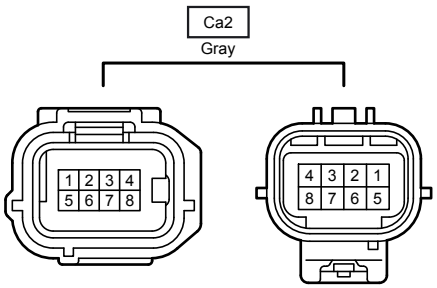
2B
White

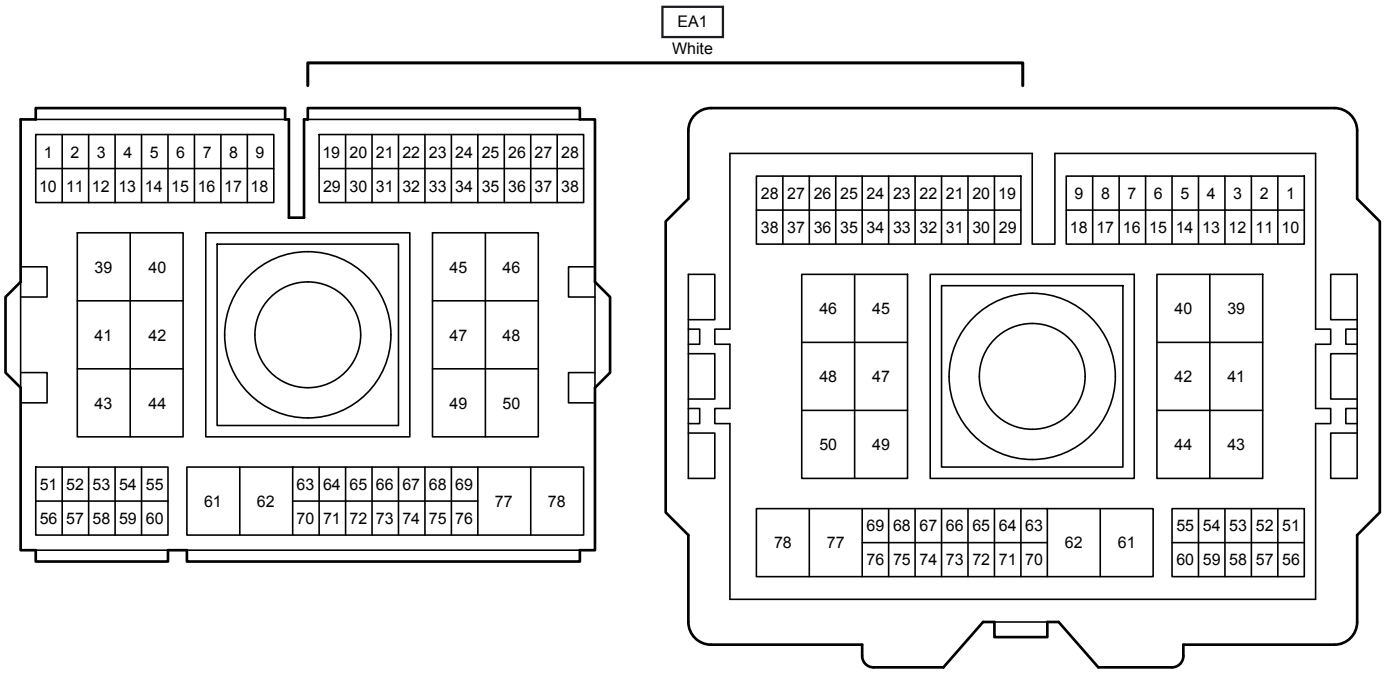



2D
White
AA1
Gray
AD1
Black
AK1
Blue
AK2
Gray
CA1
White
CA2
White


CA3
White
1 2 3 4 5 6
25 26 27 28 29 30
7 8 9
16 17 18
31 32 33
10 11 12 13 14 15
19 20 21 22 23 24
34 35 36 37 38 39
15 14 13 12 11 10
24 23 22 21 20 19
39 38 37 36 35 34
9 8 7
18 17 16
33 32 31
6 5 4 3 2 1
30 29 28 27 26 25

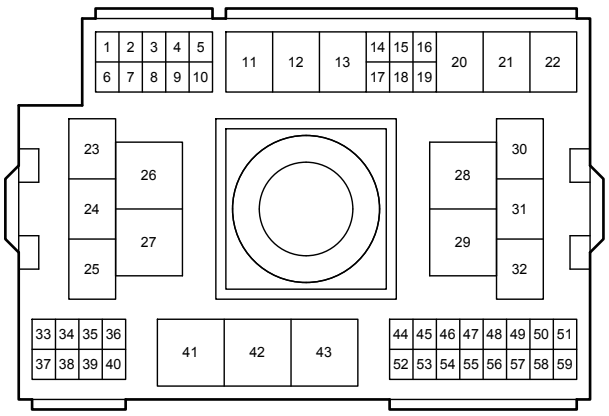

CU2
Gray
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5
Ca1
Gray
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5


Ca2
Gray
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5

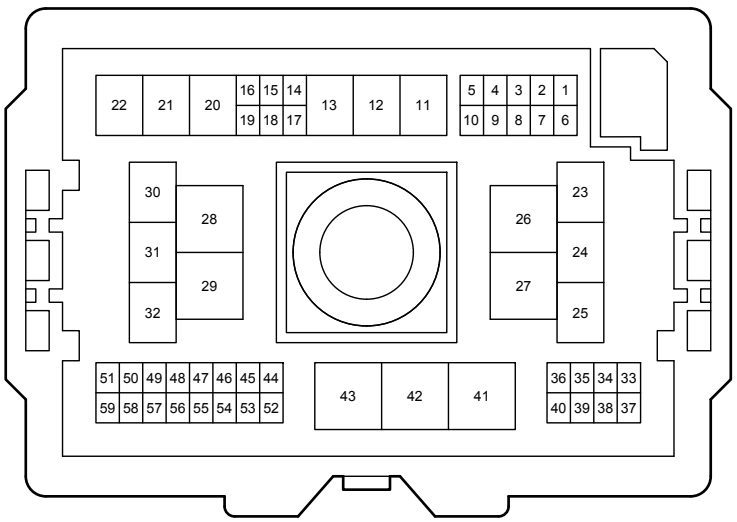

EA1
White
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10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45
48 47
50 49
40 39
42 41
44 43
78 77
69 68 67 66 65 64 63
76 75 74 73 72 71 70
62 61
55 54 53 52 51
60 59 58 57 56

EA2

White

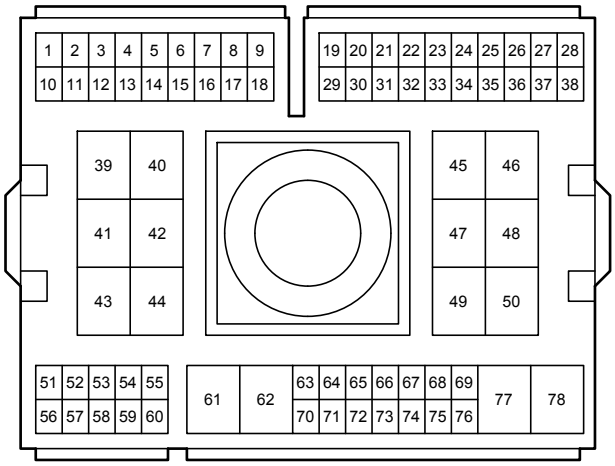


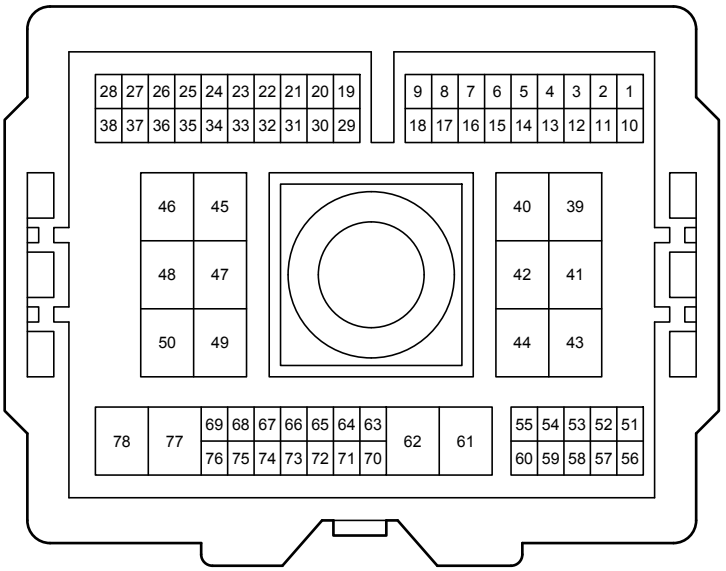
Gray



EA3

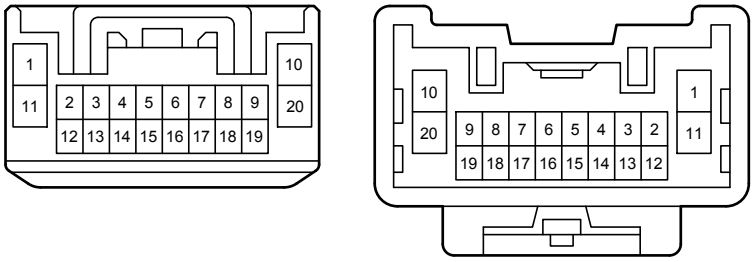
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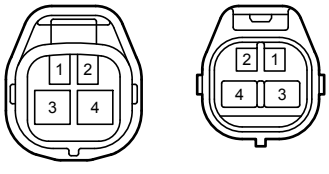
FE4

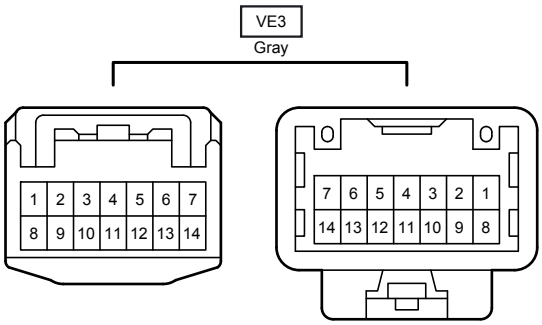
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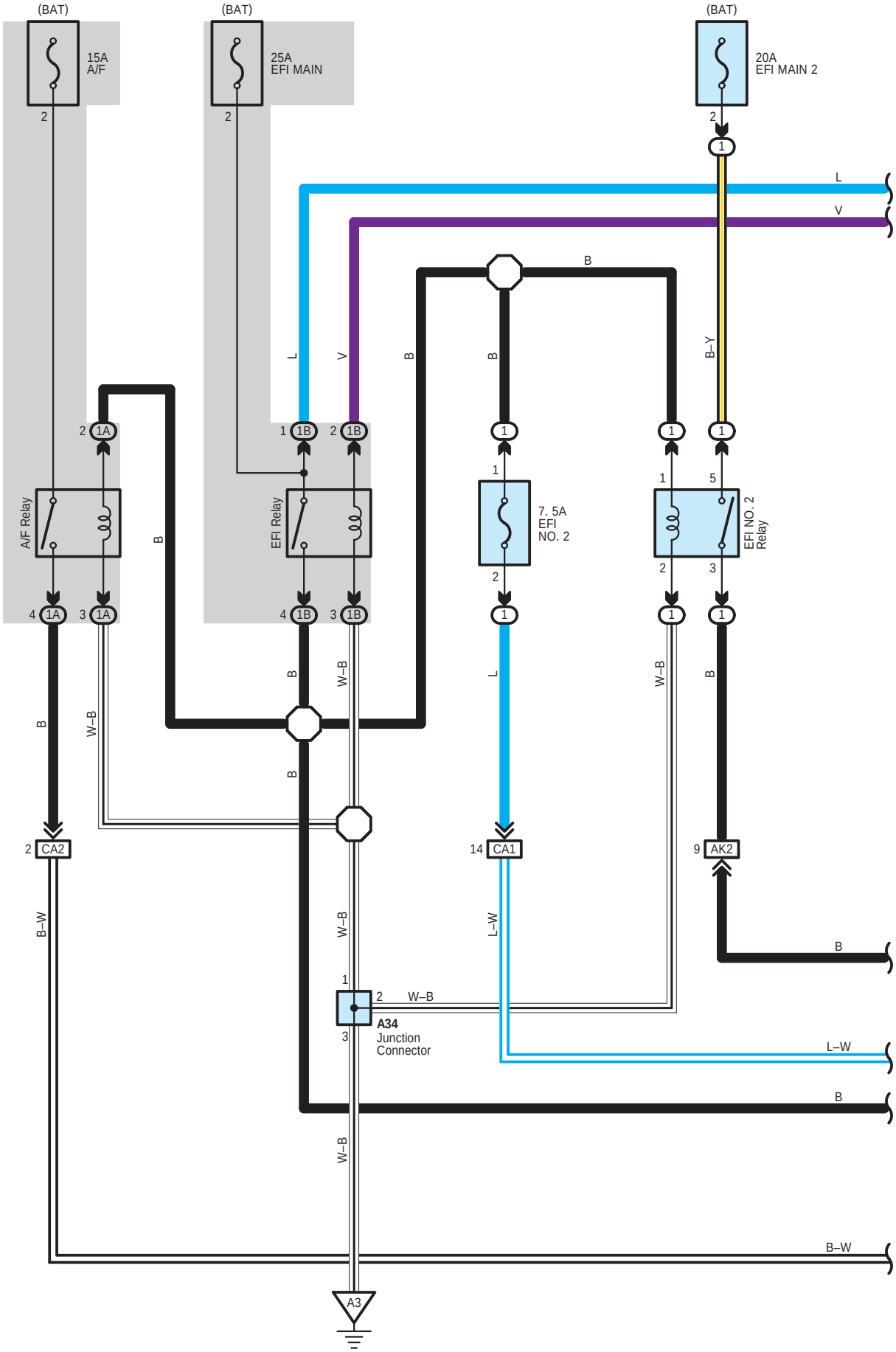


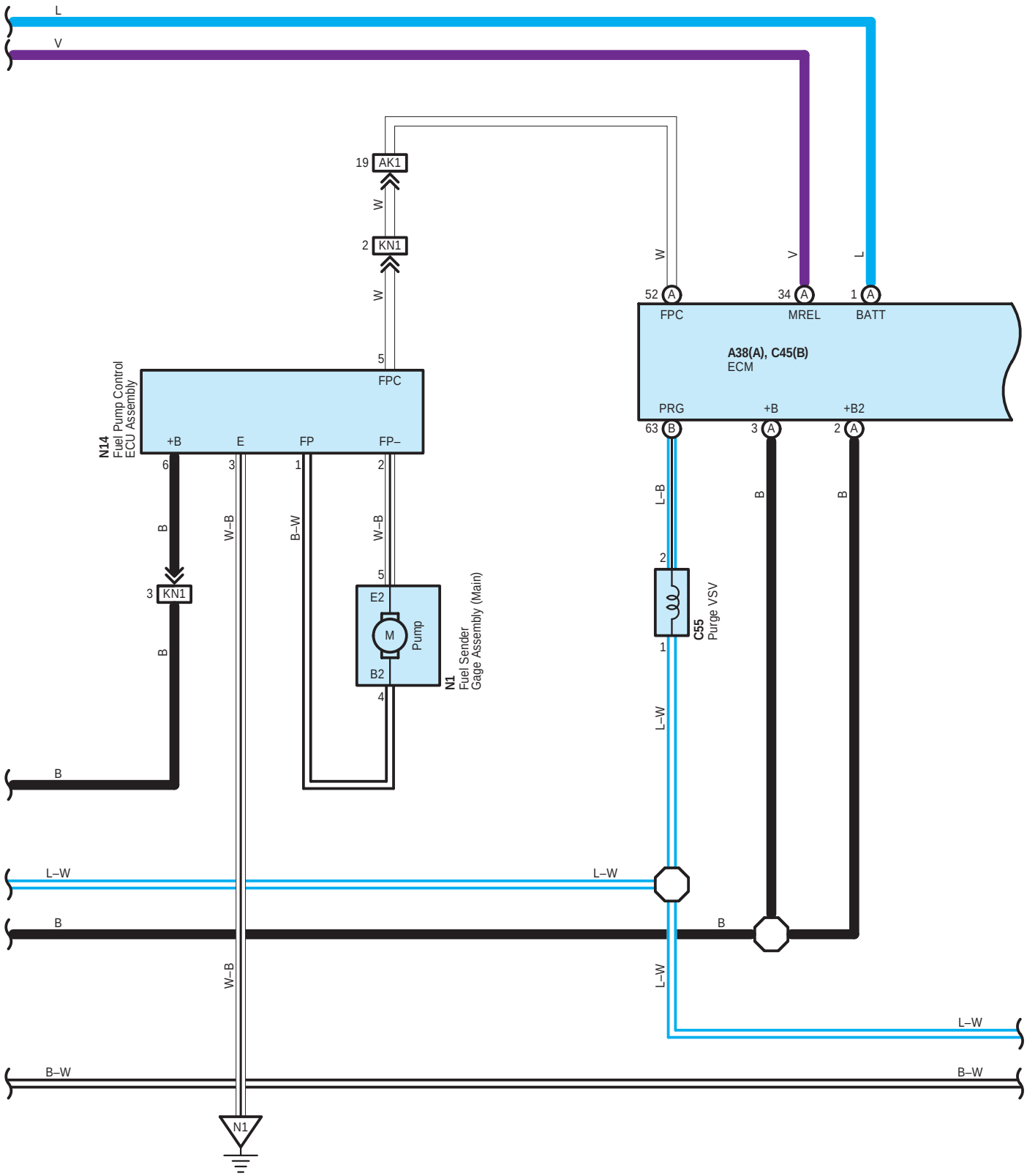
KN1

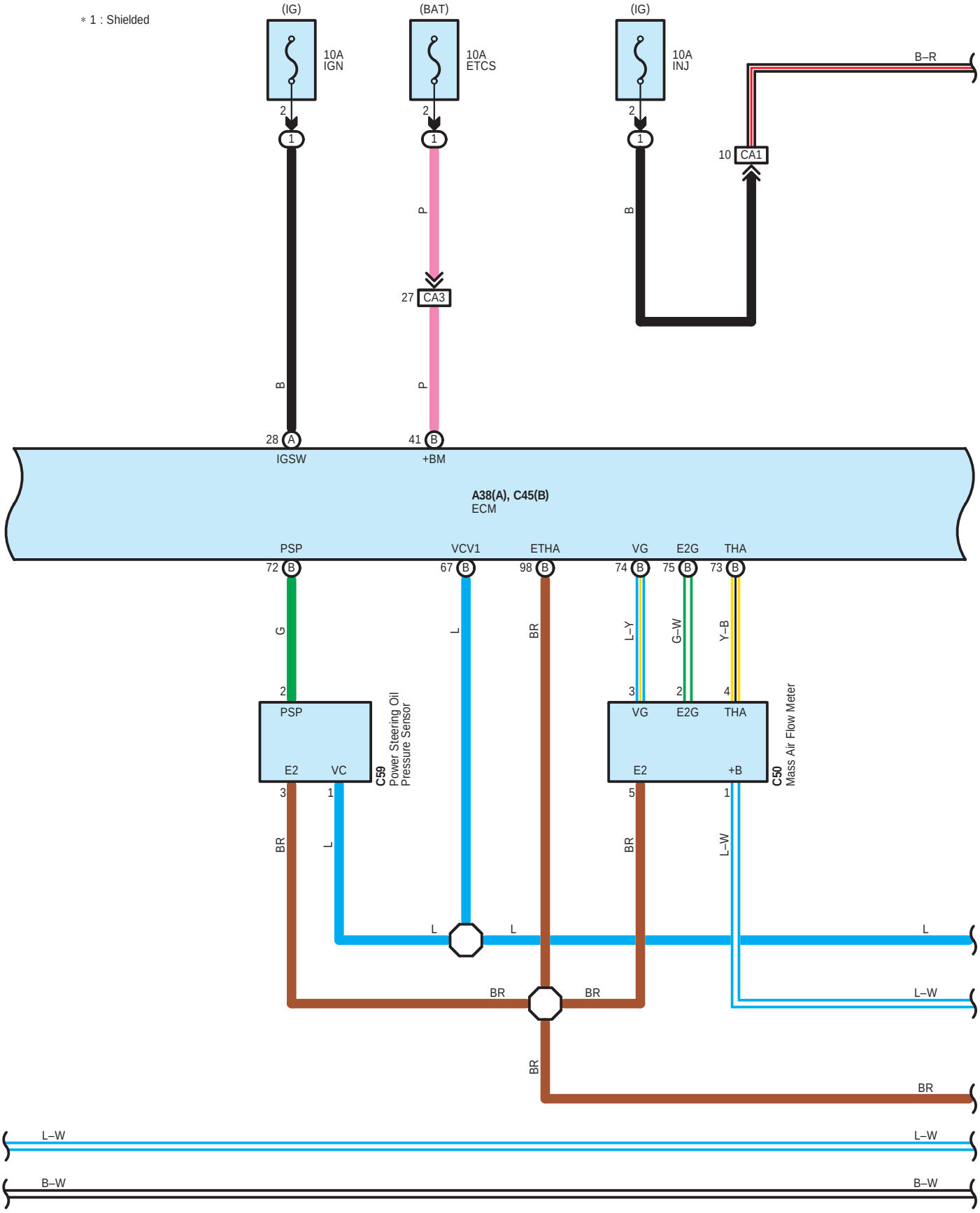
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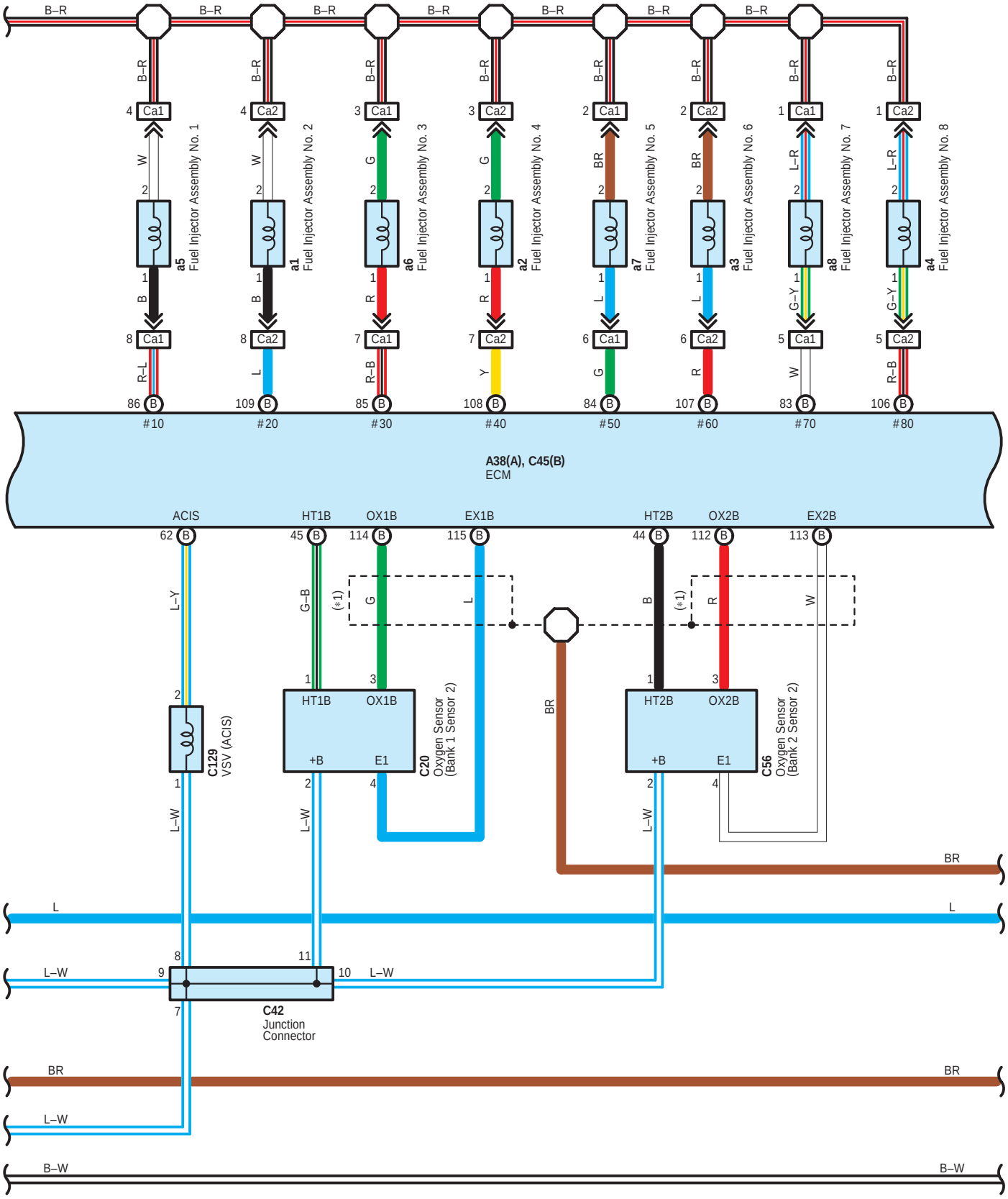


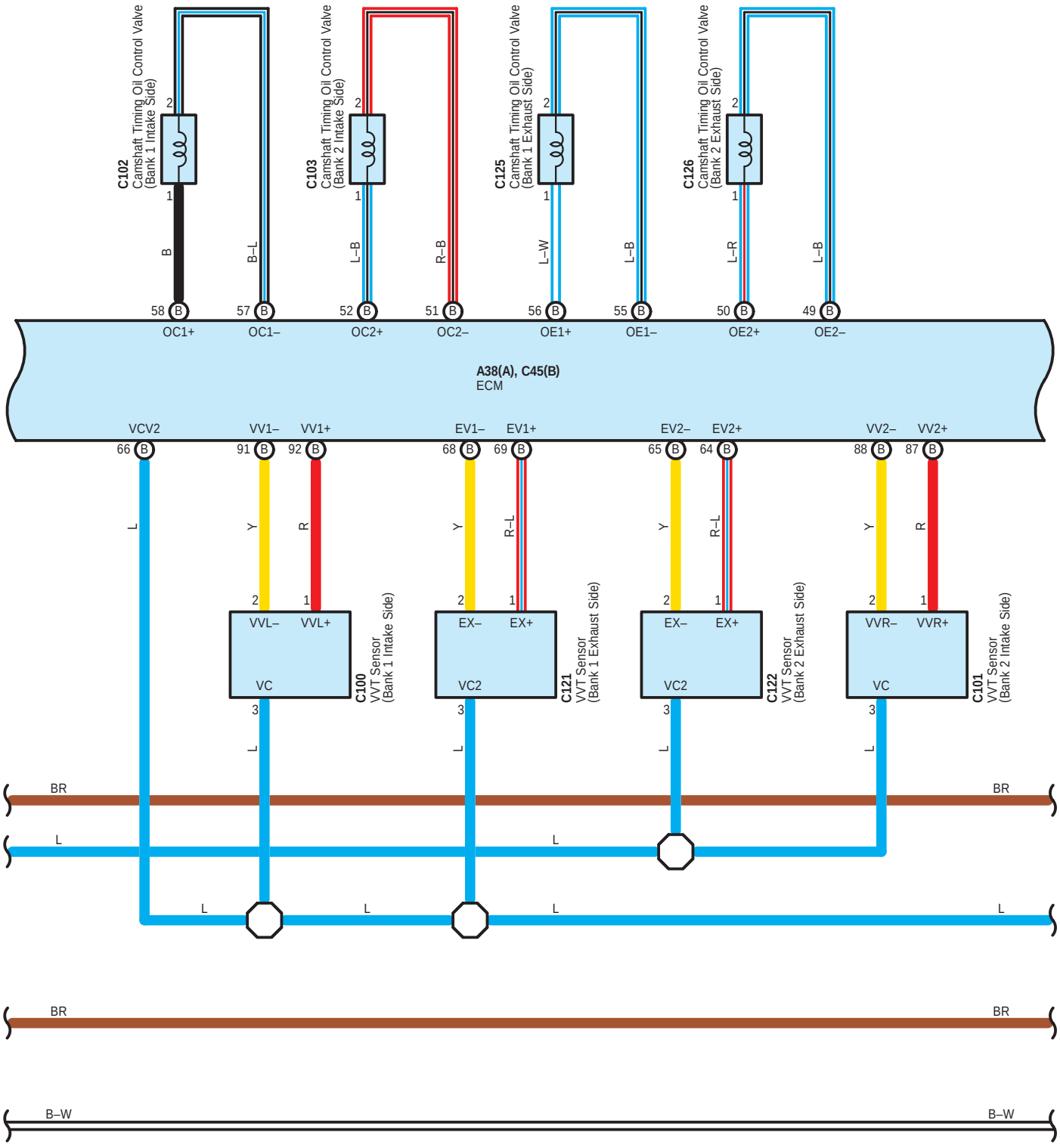

VE3
Gray
1 2 3 4 5 6 7
8 9 10 11 12 13 14
7 6 5 4 3 2 1
14 13 12 11 10 9 8


(BAT)
15A
A/F
2
(BAT)
25A
EFI MAIN
2
(BAT)
20A
EFI MAIN 2
2
1
L
V
B
B
B–Y
L
V
2 1A
1 1B
2 1B
1
1
1
5
A/F Relay
EFI Relay
7. 5A
EFI
NO. 2
EFI NO. 2
Relay
2
3
4 1A
3 1A
4 1B
3 1B
1
1
1
1
B
W–B
B
W–B
L
W–B
B
B
2 CA2
14 CA1
9 AK2
B–W
W–B
L–W
B
1
2 W–B
3
A34
Junction
Connector
L–W
B
W–B
B–W
A3

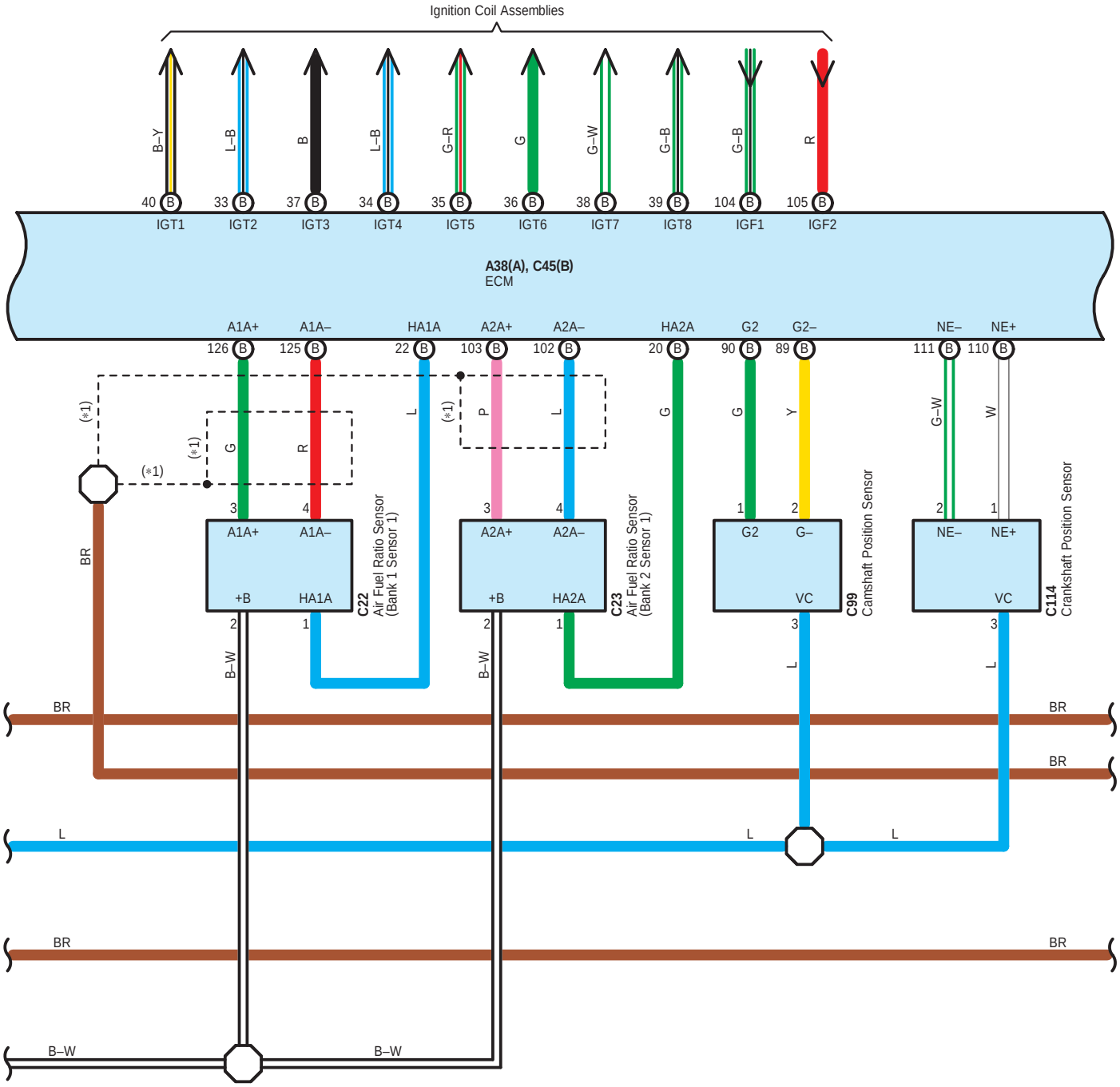

L
V
19 AK1
W
2 KN1
W
5
FPC
W
V
L
52 A
34 A
1 A
FPC
MREL
BATT
A38(A), C45(B)
ECM
PRG
+B
+B2
63 B
3 A
2 A
N14
Fuel Pump Control ECU Assembly
+B
E
FP
FP–
6
3
1
2
B
W–B
B–W
W–B
L–B
B
B
2
C55
Purge VSV
1
L–W
3 KN1
B
5
E2
M
Pump
B2
4
N1
Fuel Sender Gage Assembly (Main)
B
L–W
L–W
B
B
W–B
L–W
L–W
B–W
B–W
N1

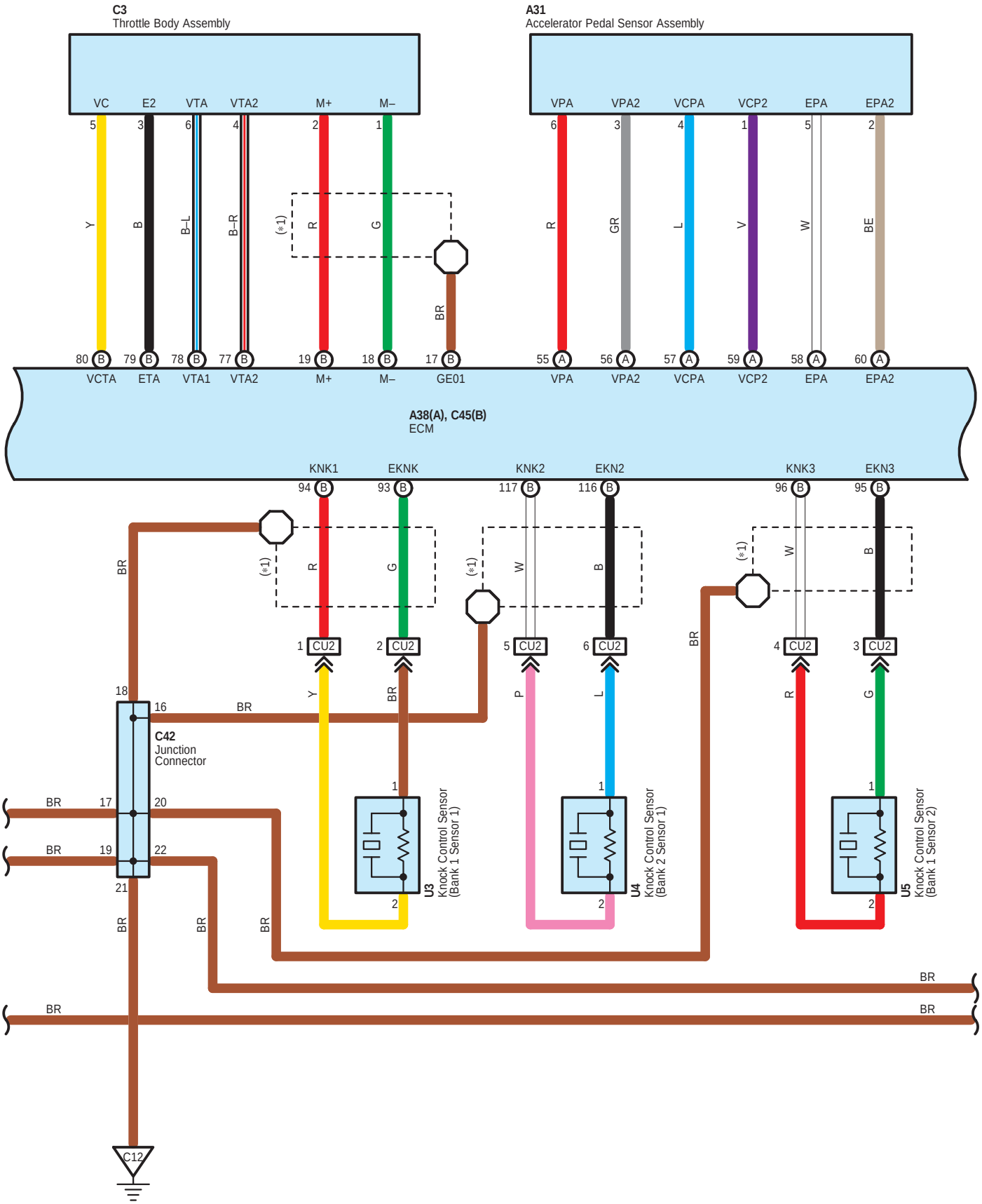

* 1 : Shielded
(IG)
10A
IGN
(BAT)
10A
ETCS
(IG)
10A
INJ
B–R
2
1
10
CA1
B
P
27
CA3
28
A
IGSW
41
B
+BM
A38(A), C45(B)
ECM
PSP
VCV1
ETHA
VG
E2G
THA
72
67
98
74
75
73
G
L
BR
L–Y
G–W
Y–B
3
2
4
PSP
E2
VC
C59
Power Steering Oil
Pressure Sensor
VG
E2G
THA
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C50
Mass Air Flow Meter
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L–W
B–W
B–W

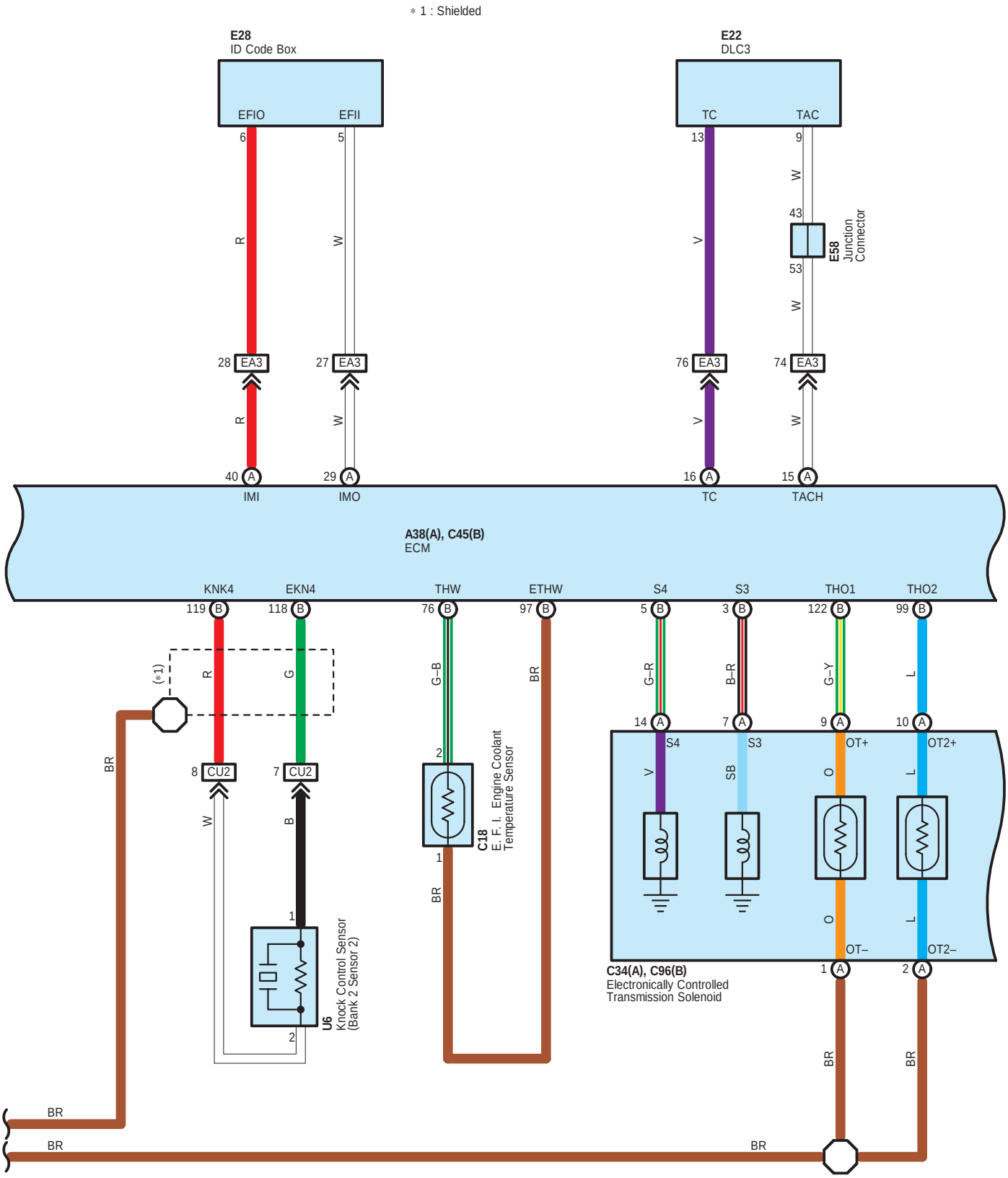

B–R
4 Ca1
4 Ca2
3 Ca1
3 Ca2
2 Ca1
2 Ca2
1 Ca1
1 Ca2
W
G
BR
L–R
B
R
L
G–Y
Y
G
W
R–L
L
R–B
R
86 B
109 B
85 B
108 B
84 B
107 B
83 B
106 B
#10
#20
#30
#40
#50
#60
#70
#80
a5 Fuel Injector Assembly No. 1
a1 Fuel Injector Assembly No. 2
a6 Fuel Injector Assembly No. 3
a2 Fuel Injector Assembly No. 4
a7 Fuel Injector Assembly No. 5
a3 Fuel Injector Assembly No. 6
a8 Fuel Injector Assembly No. 7
a4 Fuel Injector Assembly No. 8
A38(A), C45(B)
ECM
ACIS
HT1B
OX1B
EX1B
HT2B
OX2B
EX2B
62 B
45 B
114 B
115 B
44 B
112 B
113 B
L–Y
G–B
G
L
B
R
W
(*1)
C129
VSV (ACIS)
C20
Oxygen Sensor
(Bank 1 Sensor 2)
C56
Oxygen Sensor
(Bank 2 Sensor 2)
HT1B
OX1B
+B
E1
HT2B
OX2B
L–W
BR
L
8
11
9
10
7
C42
Junction
Connector
B–W

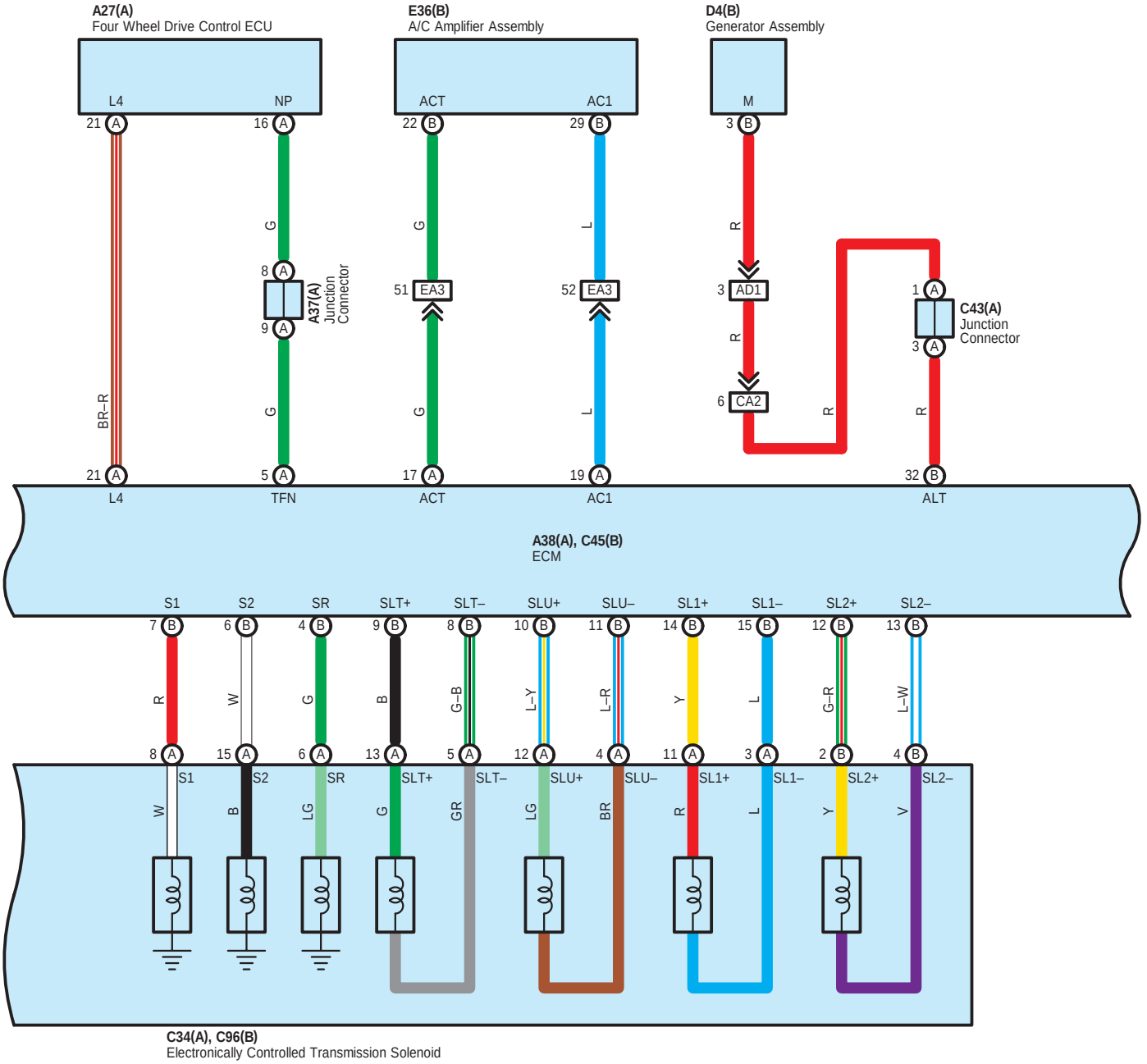

C102
Camshaft Timing Oil Control Valve
(Bank 1 Intake Side)
C103
Camshaft Timing Oil Control Valve
(Bank 2 Intake Side)
C125
Camshaft Timing Oil Control Valve
(Bank 1 Exhaust Side)
C126
Camshaft Timing Oil Control Valve
(Bank 2 Exhaust Side)
B
B–L
L–B
R–B
L–W
L–R
58 OC1+
57 OC1–
52 OC2+
51 OC2–
56 OE1+
55 OE1–
50 OE2+
49 OE2–
A38(A), C45(B)
ECM
VCV2
VV1–
VV1+
EV1–
EV1+
EV2–
EV2+
VV2–
VV2+
66
91
92
68
69
65
64
88
87
L
Y
R
R–L
VVL–
VVL+
EX–
EX+
VVR–
VVR+
VC
VC2
C100
VVT Sensor
(Bank 1 Intake Side)
C121
VVT Sensor
(Bank 1 Exhaust Side)
C122
VVT Sensor
(Bank 2 Exhaust Side)
C101
VVT Sensor
(Bank 2 Intake Side)
BR
B–W

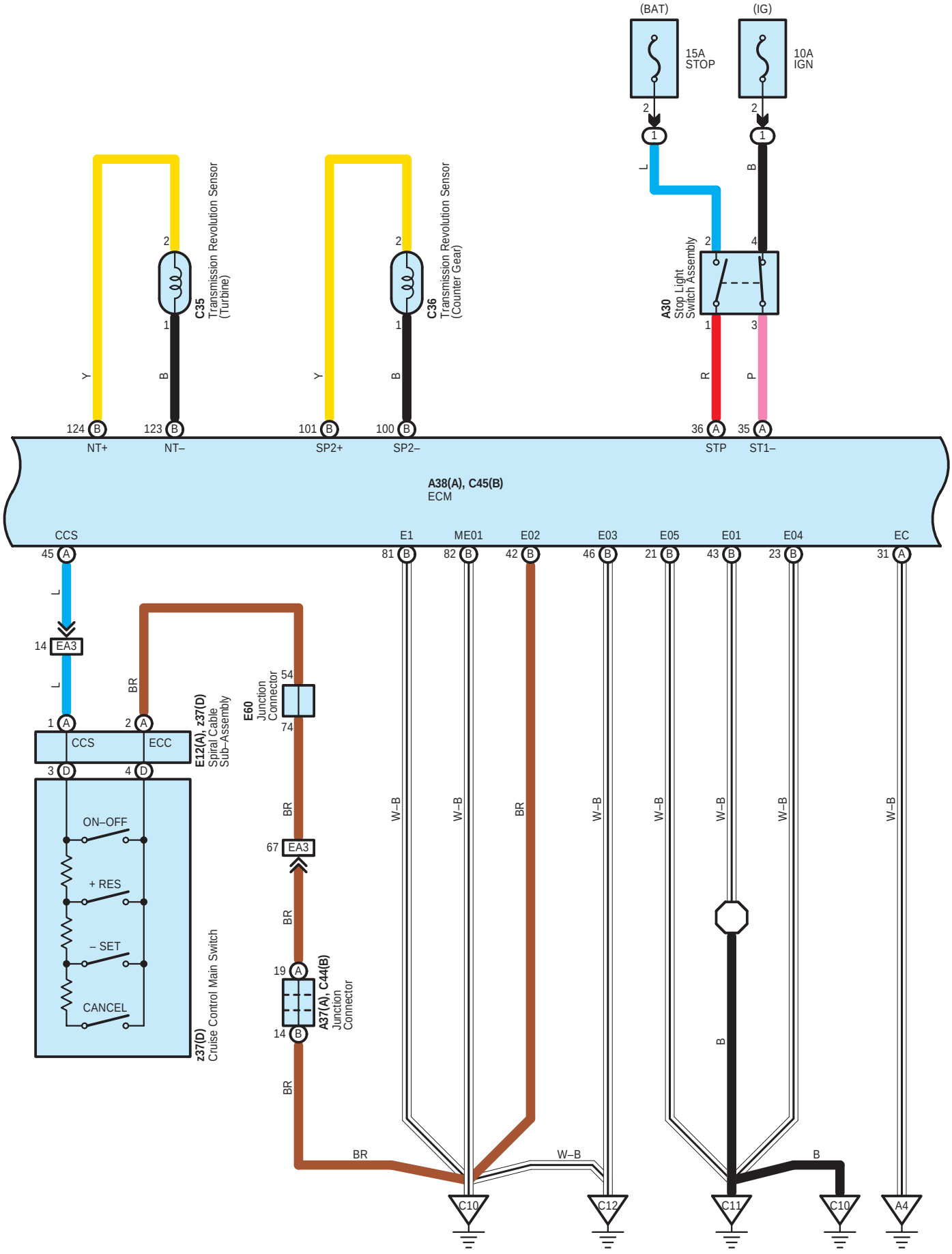
∗ 1 : Shielded

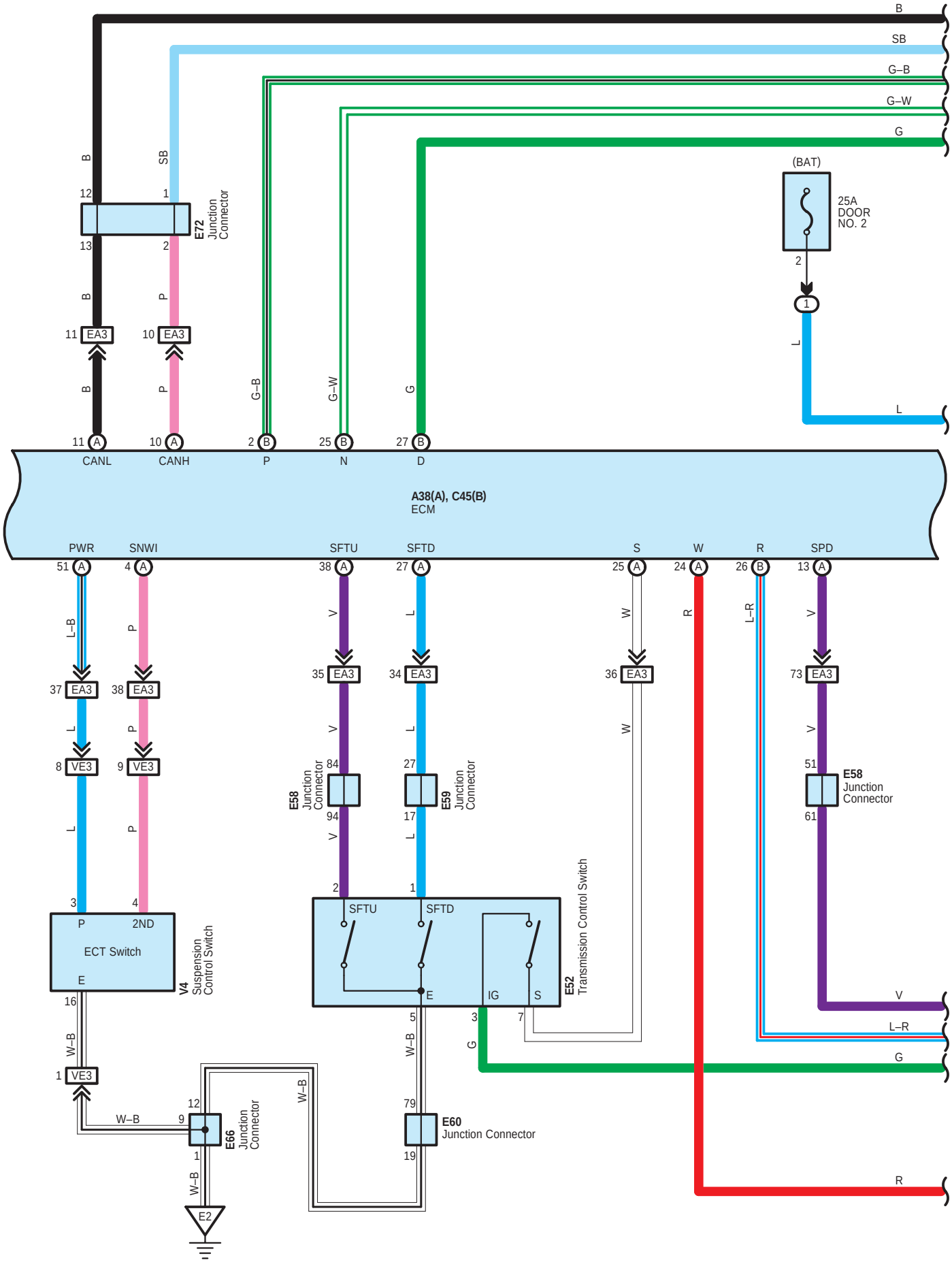

Ignition Coil Assemblies
B–Y
L–B
B
L–B
G–R
G
G–W
G–B
G–B
R
40 B IGT1
33 B IGT2
37 B IGT3
34 B IGT4
35 B IGT5
36 B IGT6
38 B IGT7
39 B IGT8
104 B IGF1
105 B IGF2
A38(A), C45(B)
ECM
A1A+ 126 B
A1A– 125 B
HA1A 22 B
A2A+ 103 B
A2A– 102 B
HA2A 20 B
G2 90 B
G2– 89 B
NE– 111 B
NE+ 110 B
(∗1)
G
R
L
P
L
G
G
Y
G–W
W
3
4
1
2
A1A+
A1A–
+B
HA1A
C22
Air Fuel Ratio Sensor
(Bank 1 Sensor 1)
A2A+
A2A–
+B
HA2A
C23
Air Fuel Ratio Sensor
(Bank 2 Sensor 1)
G2
G–
VC
C99
Camshaft Position Sensor
NE–
NE+
VC
C114
Crankshaft Position Sensor
BR
B–W
L
BR
BR
BR
L
L
L
BR
BR
B–W
B–W

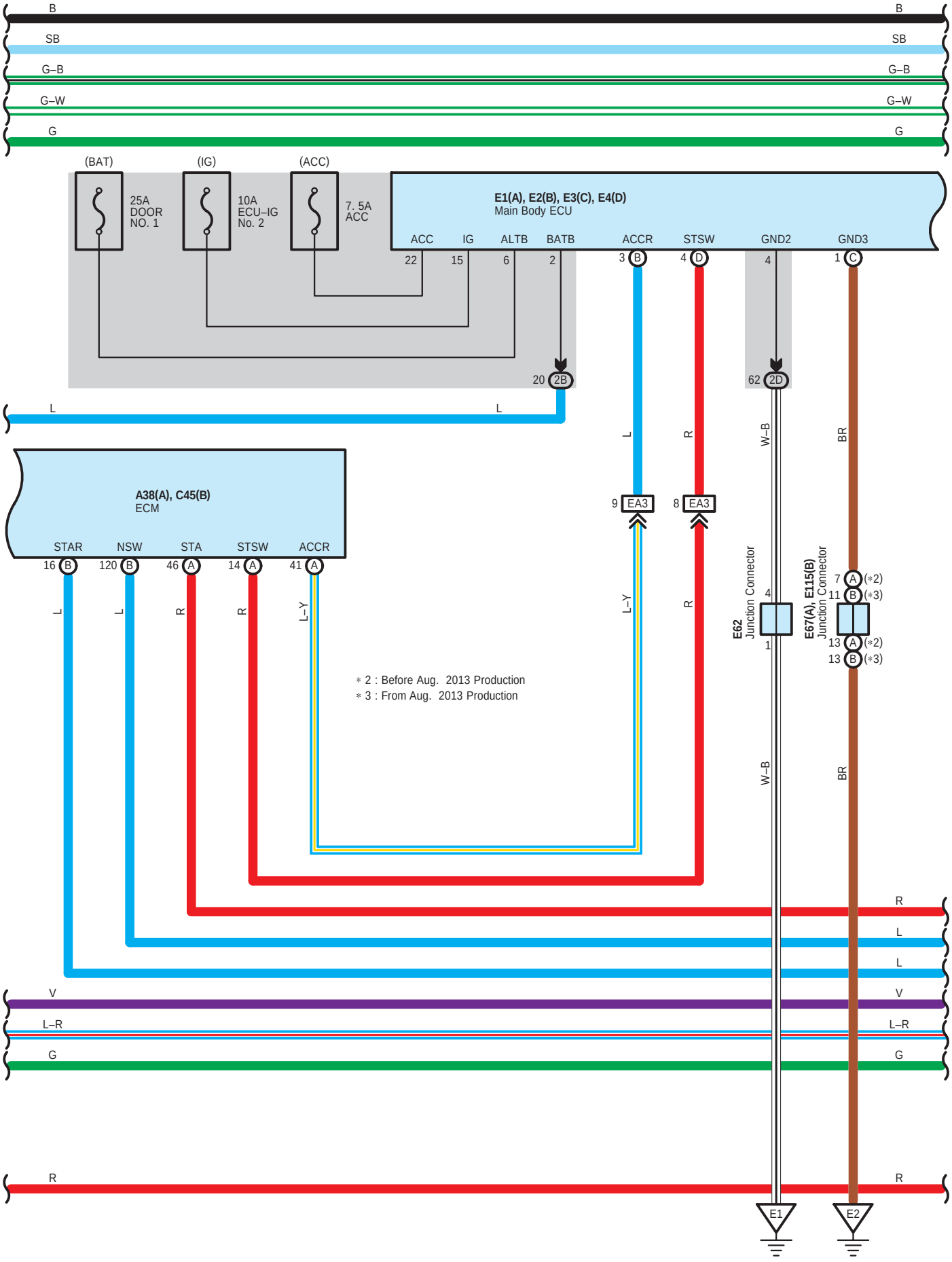

C3
Throttle Body Assembly
VC
E2
VTA
VTA2
M+
M–
A31
Accelerator Pedal Sensor Assembly
VPA
VPA2
VCPA
VCP2
EPA
EPA2
VCTA
ETA
VTA1
VTA2
M+
M–
GE01
A38(A), C45(B)
ECM
KNK1
EKNK
KNK2
EKN2
KNK3
EKN3
CU2
C42
Junction Connector
U3
Knock Control Sensor (Bank 1 Sensor 1)
U4
Knock Control Sensor (Bank 2 Sensor 1)
U5
Knock Control Sensor (Bank 1 Sensor 2)
C12

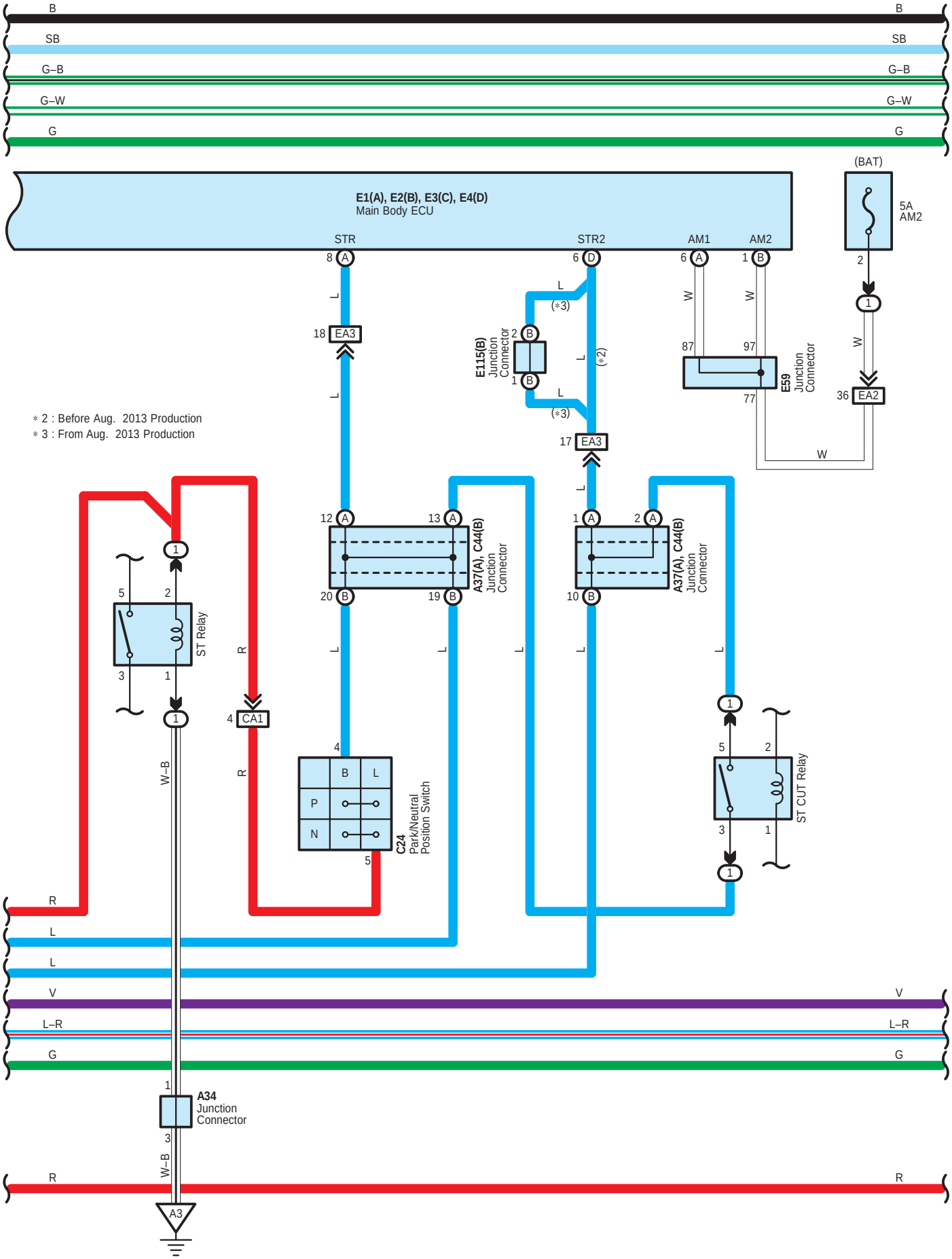

* 1 : Shielded
E28
ID Code Box
EFIO
EFII
6
5
R
W
28 EA3
27 EA3
40 A
29 A
IMI
IMO
E22
DLC3
TC
TAC
13
9
V
W
43
E58
Junction Connector
53
W
76 EA3
74 EA3
16 A
15 A
TC
TACH
A38(A), C45(B)
ECM
KNK4
EKN4
THW
ETHW
S4
S3
THO1
THO2
119 B
118 B
76 B
97 B
5 B
3 B
122 B
99 B
(*1)
R
G
G–B
BR
G–R
B–R
G–Y
L
14 A
7 A
9 A
10 A
8 CU2
7 CU2
W
B
2
1
C18
E. F. I. Engine Coolant Temperature Sensor
S4
S3
OT+
OT2+
V
SB
O
L
U6
Knock Control Sensor (Bank 2 Sensor 2)
OT–
OT2–
C34(A), C96(B)
Electronically Controlled Transmission Solenoid
1 A
2 A
BR

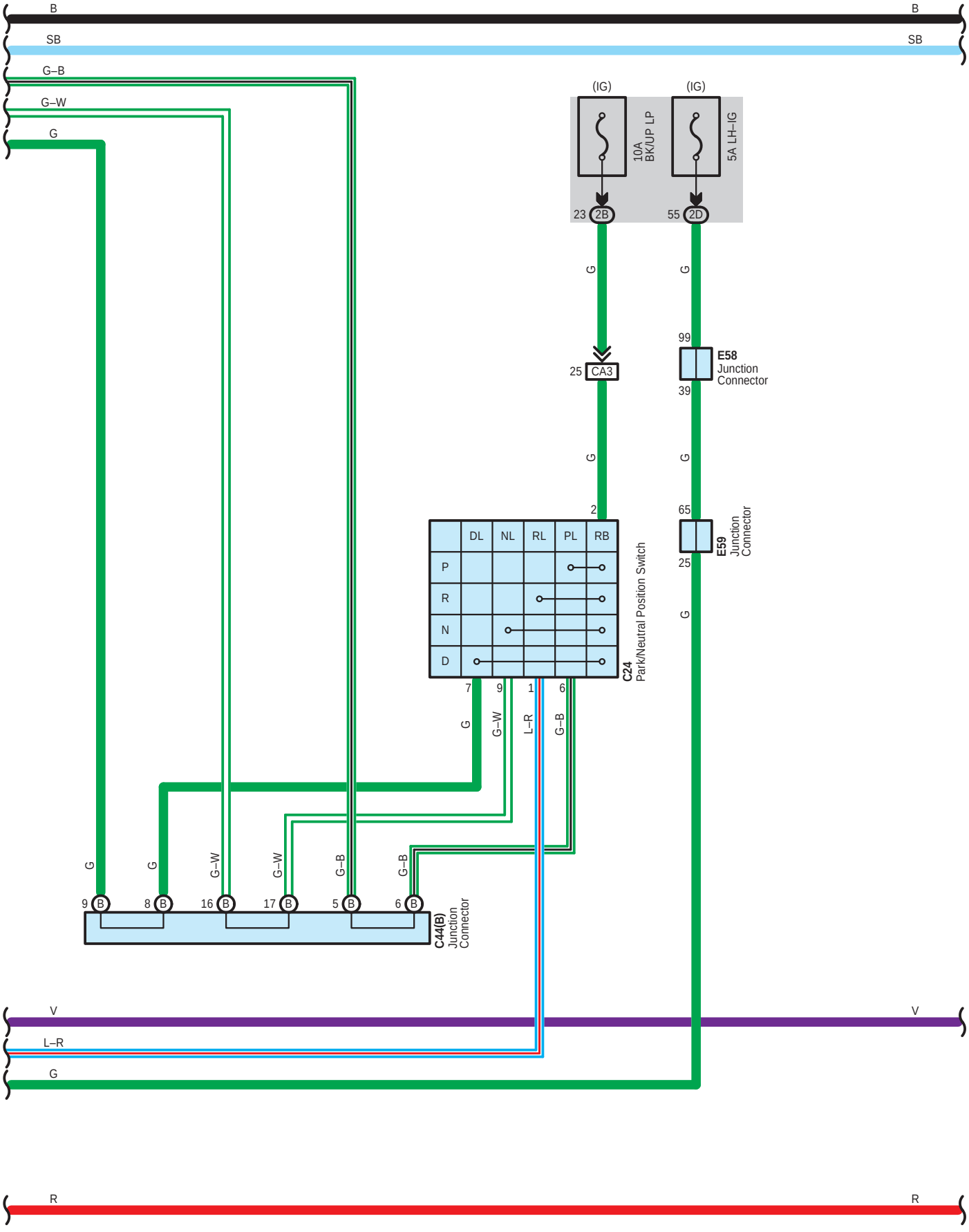

A27(A)
Four Wheel Drive Control ECU
L4
NP
21 A
16 A
E36(B)
A/C Amplifier Assembly
ACT
AC1
22 B
29 B
D4(B)
Generator Assembly
M
3 B
G
L
R
8 A
9 A
A37(A)
Junction
Connector
51 EA3
52 EA3
3 AD1
6 CA2
1 A
3 A
C43(A)
Junction
Connector
BR–R
21 A
L4
5 A
TFN
17 A
ACT
19 A
AC1
32 B
ALT
A38(A), C45(B)
ECM
S1
S2
SR
SLT+
SLT–
SLU+
SLU–
SL1+
SL1–
SL2+
SL2–
7 B
6 B
4 B
9 B
8 B
10 B
11 B
14 B
15 B
12 B
13 B
W
B
LG
G
GR
LG
BR
R
L
Y
V
8 A
15 A
6 A
13 A
5 A
12 A
4 A
11 A
3 A
2 B
4 B
C34(A), C96(B)
Electronically Controlled Transmission Solenoid

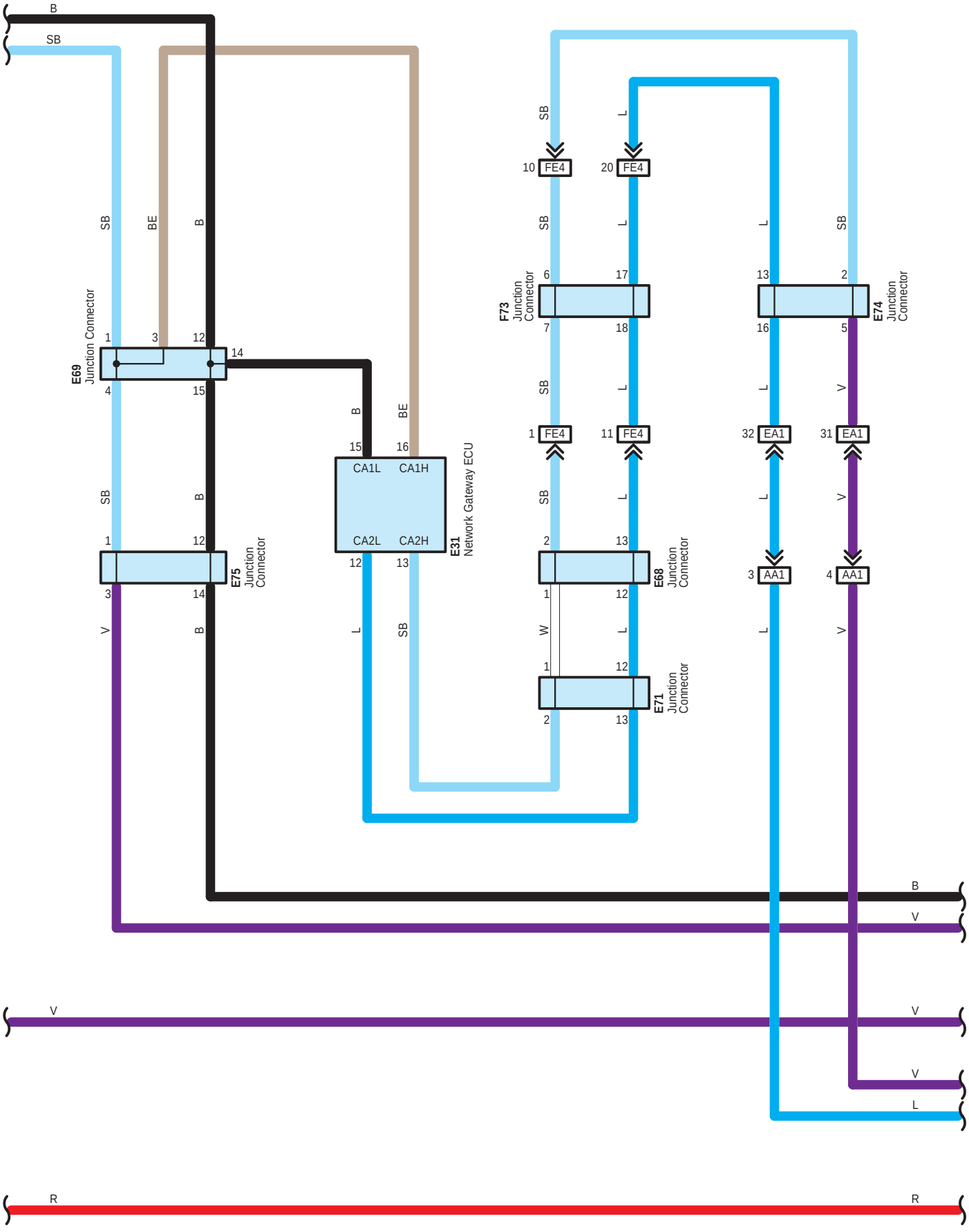

(BAT)
(IG)
15A
STOP
10A
IGN
C35
Transmission Revolution Sensor
(Turbine)
C36
Transmission Revolution Sensor
(Counter Gear)
A30
Stop Light
Switch Assembly
NT+
NT–
SP2+
SP2–
STP
ST1–
A38(A), C45(B)
ECM
CCS
E1
ME01
E02
E03
E05
E01
E04
EC
EA3
E12(A), z37(D)
Spiral Cable
Sub–Assembly
E60
Junction
Connector
ON–OFF
+ RES
– SET
CANCEL
z37(D)
Cruise Control Main Switch
A37(A), C44(B)
Junction
Connector
W–B
BR
B
C10
C12
C11
A4

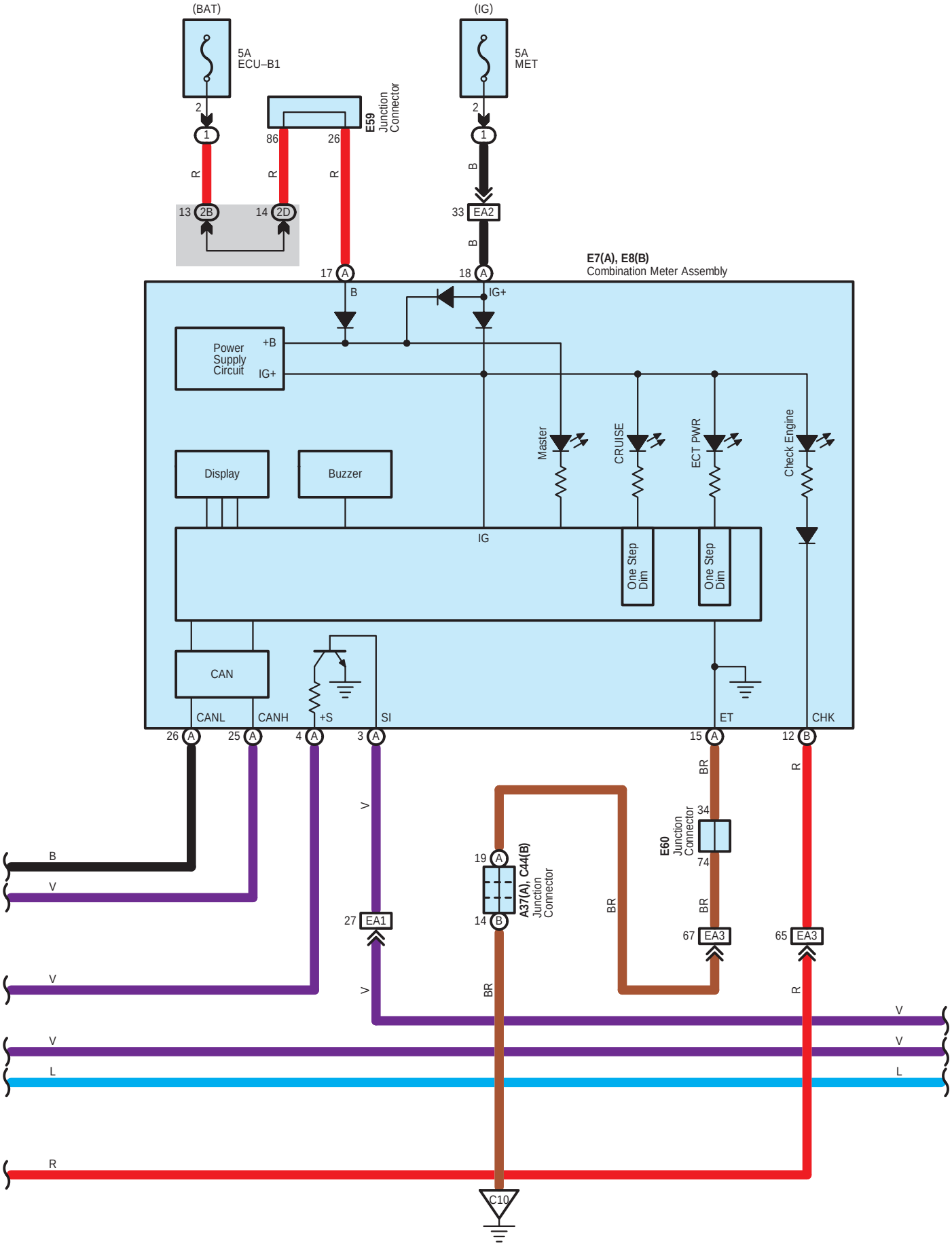

B
SB
G–B
G–W
G
(BAT)
25A
DOOR
NO. 2
E72
Junction
Connector
EA3
CANL
CANH
P
N
D
A38(A), C45(B)
ECM
PWR
SNWI
SFTU
SFTD
S
W
R
SPD
ECT Switch
2ND
E
V4
Suspension
Control Switch
VE3
E58
Junction
Connector
E59
Junction
Connector
E52
Transmission Control Switch
IG
E66
Junction
Connector
E60
Junction Connector
E2
L–B
W–B
L–R

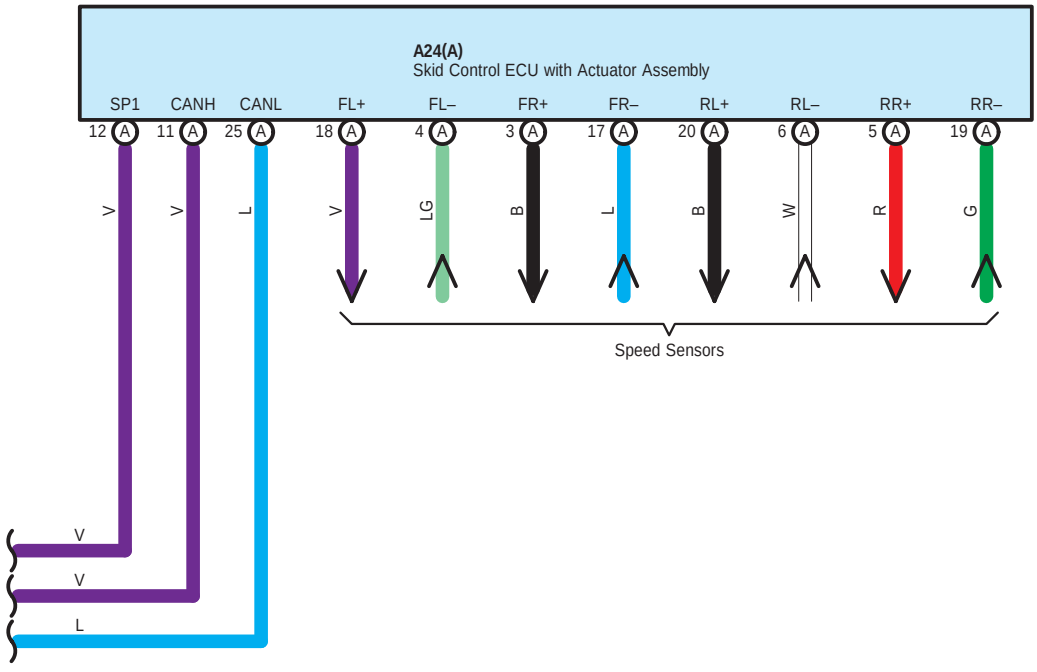

B
SB
G–B
G–W
G
(BAT)
(IG)
(ACC)
25A DOOR NO. 1
10A ECU–IG No. 2
7. 5A ACC
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
ACC
IG
ALTB
BATB
ACCR
STSW
GND2
GND3
22
15
6
2
3 B
4 D
4
1 C
20 2B
62 2D
L
A38(A), C45(B)
ECM
STAR
NSW
STA
STSW
ACCR
16 B
120 B
46 A
14 A
41 A
9 EA3
8 EA3
W–B
BR
E62
Junction Connector
E67(A), E115(B)
Junction Connector
7 A (*2)
11 B (*3)
13 A (*2)
13 B (*3)
L–Y
* 2 : Before Aug. 2013 Production
* 3 : From Aug. 2013 Production
V
L–R
E1
E2


B
SB
G–B
G–W
G
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
STR
STR2
AM1
AM2
(BAT)
5A
AM2
∗ 2 : Before Aug. 2013 Production
∗ 3 : From Aug. 2013 Production
EA3
EA2
E115(B)
Junction
Connector
E59
Junction
Connector
A37(A), C44(B)
Junction
Connector
ST Relay
ST CUT Relay
CA1
C24
Park/Neutral
Position Switch
A34
Junction
Connector
A3
R
L
V
L–R
W–B
W

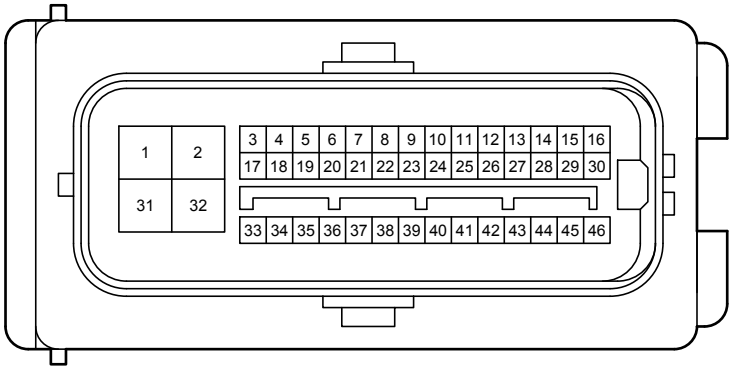

B
SB
G–B
G–W
G
(IG)
(IG)
10A
BK/UP LP
5A LH–IG
23 2B
55 2D
25 CA3
99
E58
Junction
Connector
39
2
65
E59
Junction
Connector
25
DL
NL
RL
PL
RB
P
R
N
D
C24
Park/Neutral Position Switch
7
9
1
6
9 B
8 B
16 B
17 B
5 B
6 B
C44(B)
Junction
Connector
V
L–R
G
R


B
SB
SB
BE
B
E69
Junction Connector
1
3
12
14
4
15
B
BE
15
16
CA1L
CA1H
CA2L
CA2H
E31
Network Gateway ECU
12
13
SB
B
1
12
E75
Junction
Connector
3
14
V
B
L
SB
SB
L
L
SB
10
FE4
20
FE4
SB
L
L
SB
F73
Junction
Connector
6
17
13
2
E74
Junction
Connector
7
18
16
5
SB
L
L
V
1
FE4
11
FE4
32
EA1
31
EA1
SB
L
L
V
2
13
E68
Junction
Connector
3
AA1
4
AA1
1
12
W
L
L
V
1
12
E71
Junction
Connector
2
13
B
V
V
V
V
L
R
R

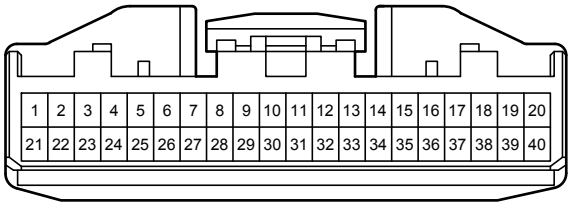

(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction
Connector
E7(A), E8(B)
Combination Meter Assembly
Power
Supply
Circuit
+B
IG+
Display
Buzzer
Master
CRUISE
ECT PWR
Check Engine
One Step
Dim
IG
CAN
CANL
CANH
+S
SI
ET
CHK
E60
Junction
Connector
A37(A), C44(B)
Junction
Connector
EA1
EA2
EA3
2B
2D
C10


A24(A)
Skid Control ECU with Actuator Assembly
SP1
CANH
CANL
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
12
11
25
18
4
3
17
20
6
5
19
V
V
L
V
LG
B
L
B
W
R
G
Speed Sensors
V
V
L

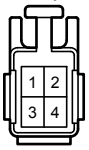
A 24
Black



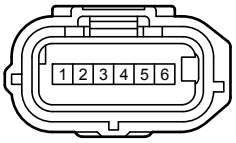
A 27
Black



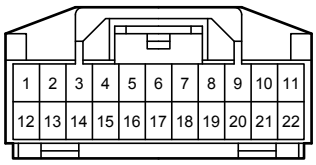
A 30
Gray



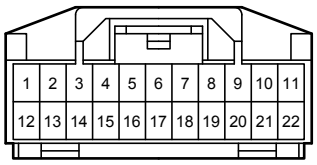
A 31
Black



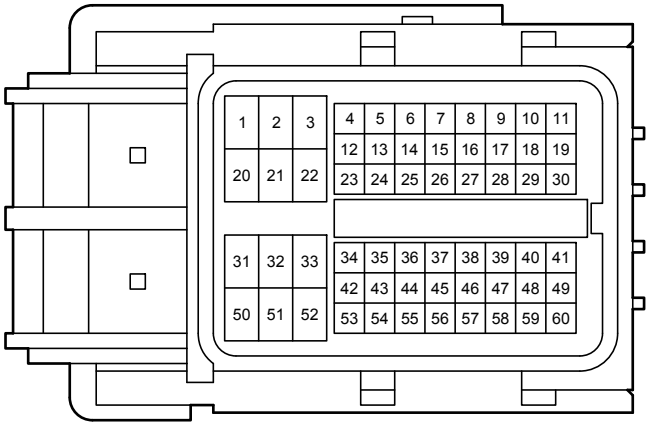
A 34
White



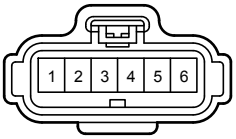
A 37
Blue



A 38
Black



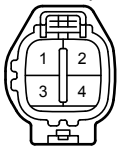
C 3
Black



C 18
Dark Gray



C 20
Dark Gray



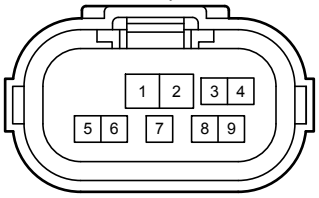
C 22
Dark Gray



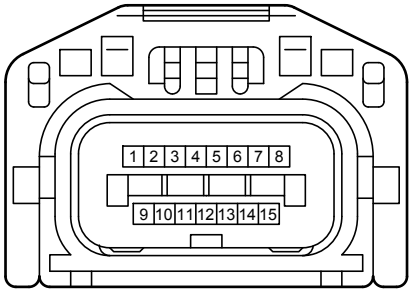
C 23
Dark Gray



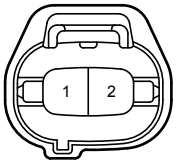
C 24
Gray



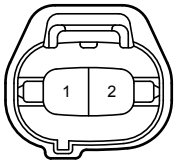
C 34
Gray



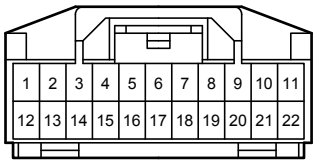
C 35
Black



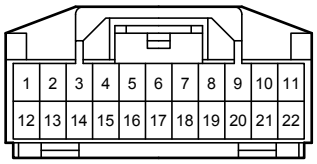
C 36
Black



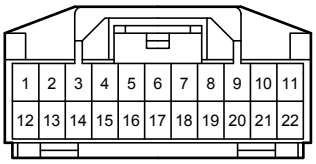
C 42
White



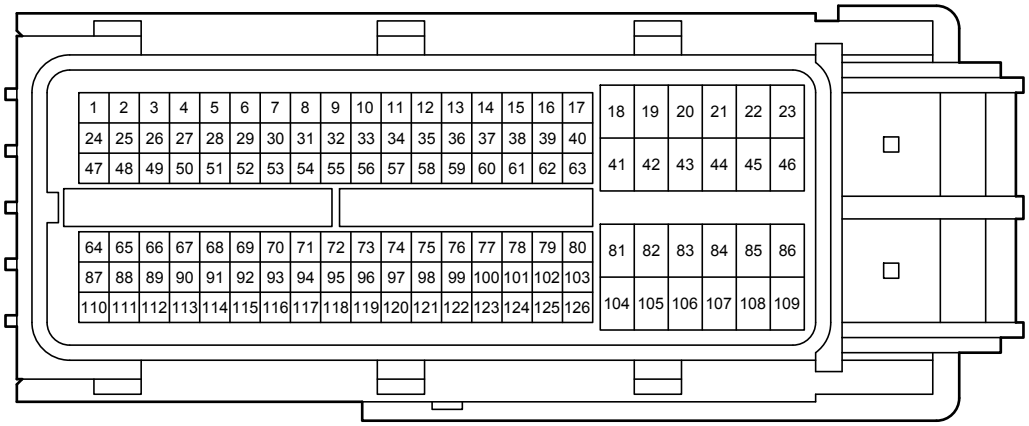
C 43
White



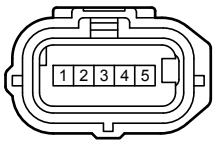
C 44
Blue



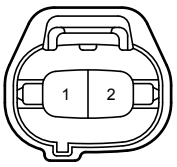
C 45
Black



C 50
Black



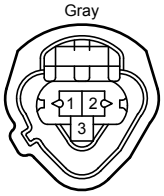
C 55
Black



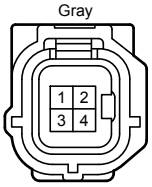
C 56
Dark Gray



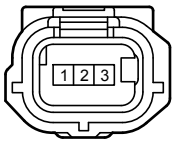
C 59
Gray



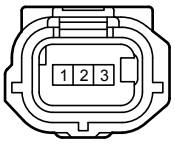
C 96
Gray



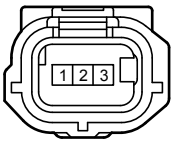
C 99
Black



C100
Black



C101
Black



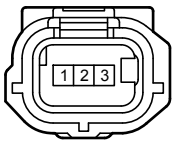
C102
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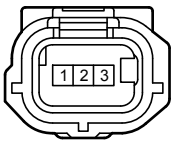
C103
Black



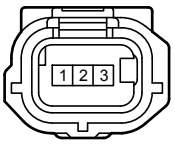
C114
Black



C121
Black



C122
Black



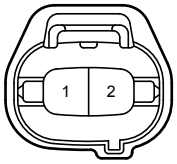
C125
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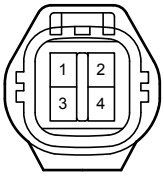
C126
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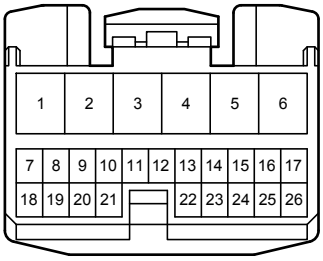
C129
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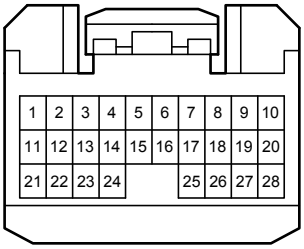
D 4
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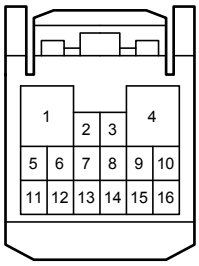
E 1
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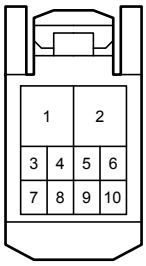
E 2
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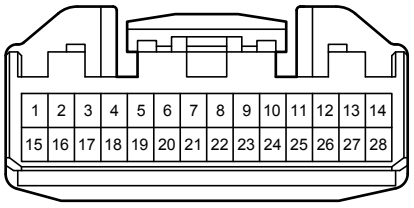
E 3
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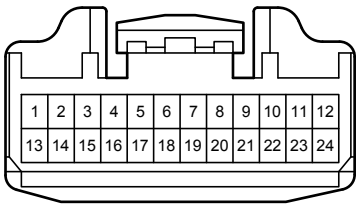
E 4
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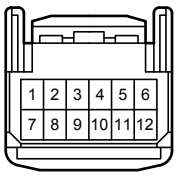
E 7
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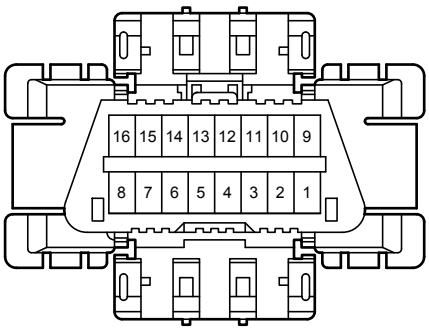
E 8
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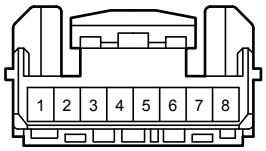
E 12
Black



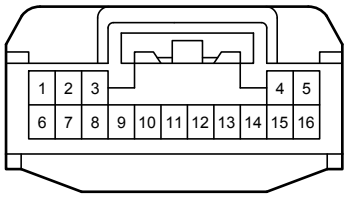
E 22
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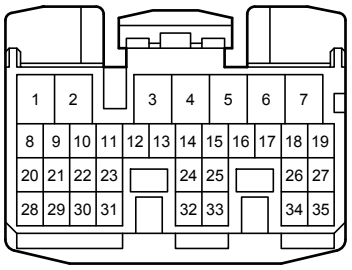
E 28
White



E 31
White

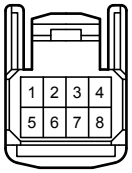


E 36
White

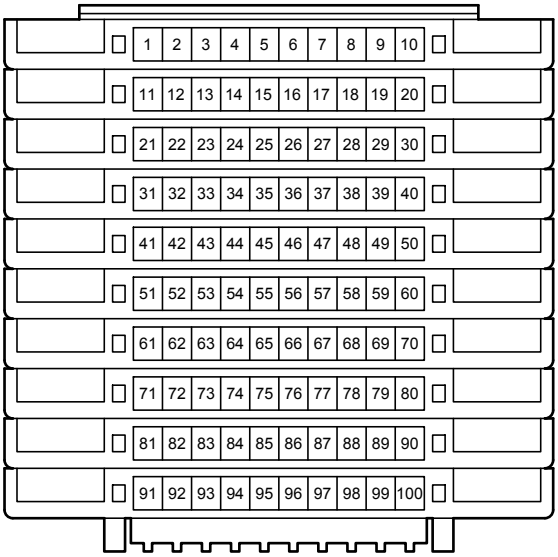


E 52

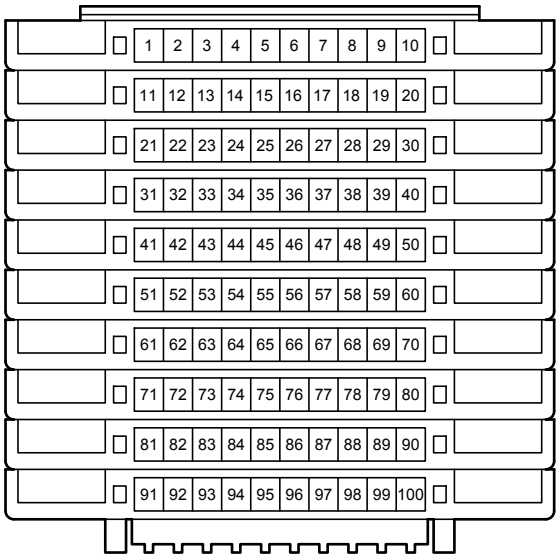
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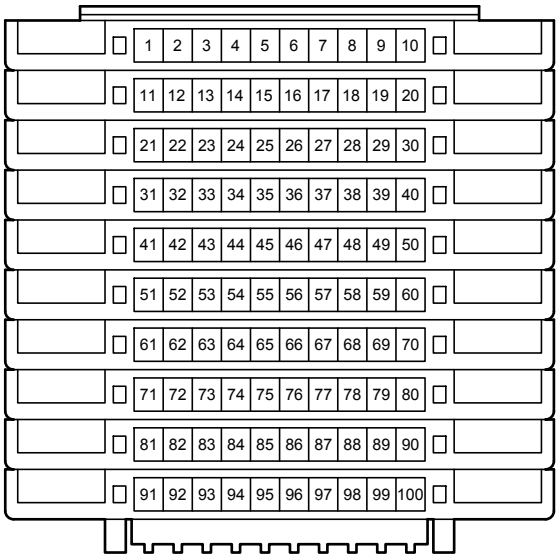
E 58



E 59

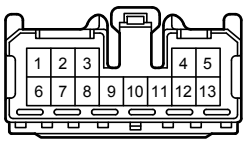


E 60



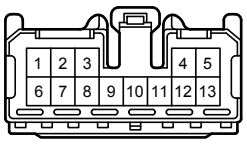
E 62

White



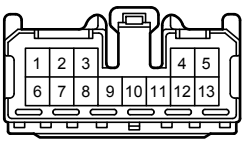
E 66

White



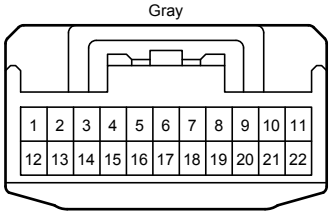
E 67

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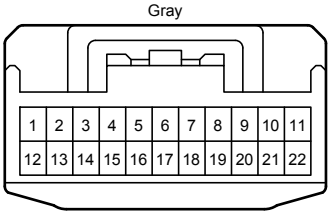
E 68

Gray



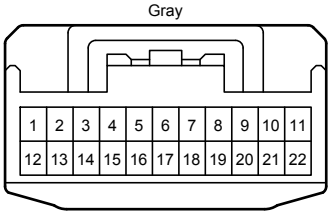
E 69

Gray

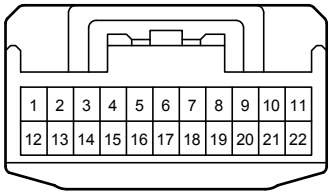


E 71

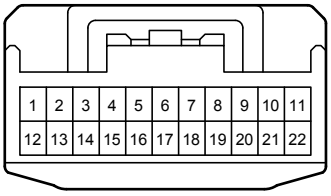
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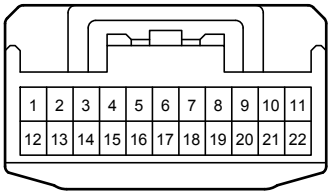
E 72
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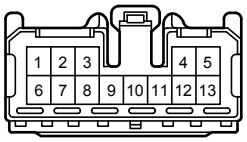
E 74
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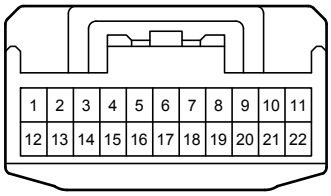
E 75
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E115
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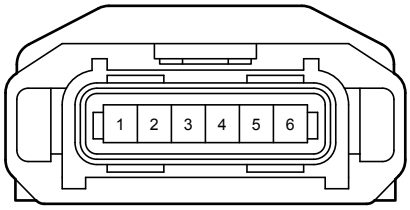
F 73
Blue



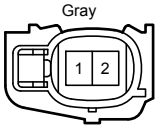
N 1
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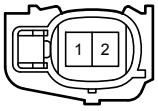
N 14
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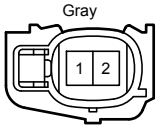
U 3
Gray



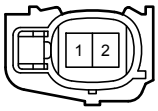
U 4
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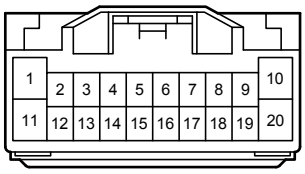
U 5
Gray



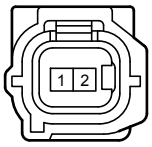
U 6
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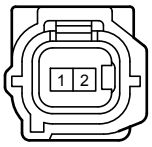
V 4
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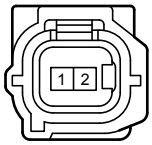
a 1
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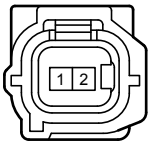
a 2
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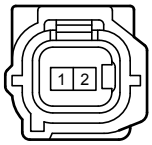
a 3
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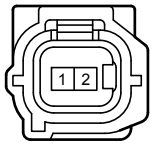
a 4
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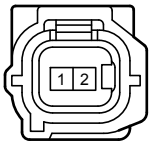
a 5
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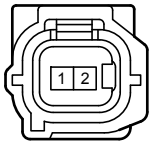
a 6
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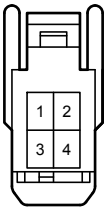
a 7
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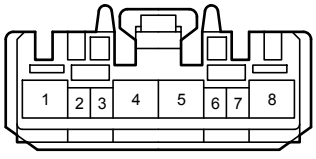
a 8
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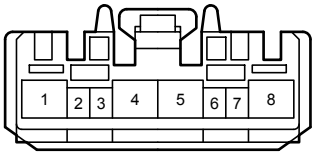
z 37
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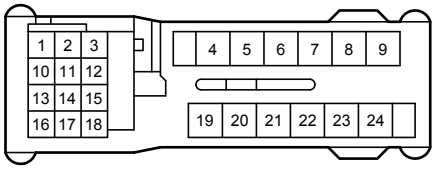
1A
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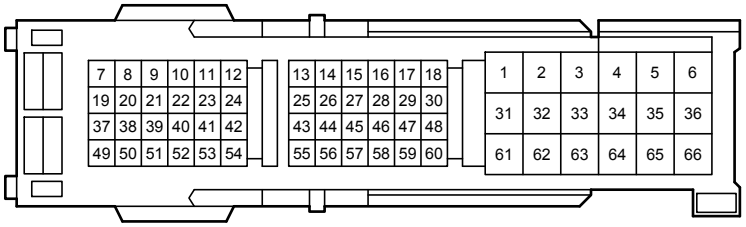
1B
White



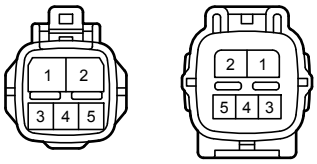
2B
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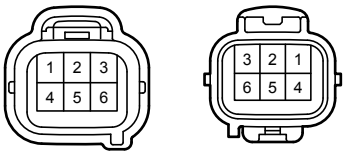
2D
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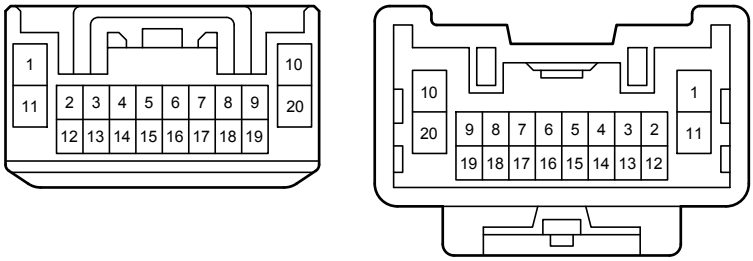
AA1
Gray



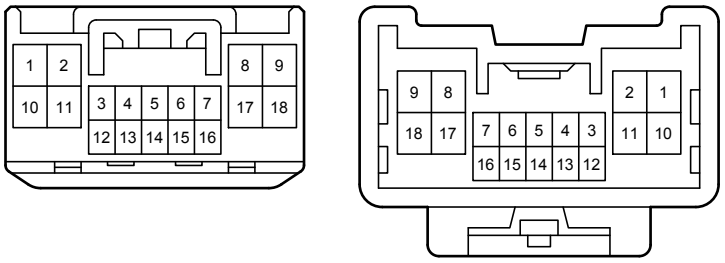
AD1
Black



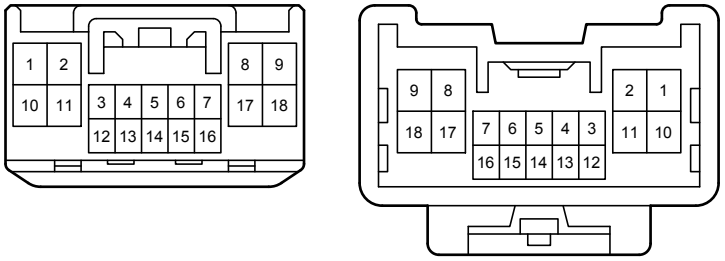
AK1
Blue

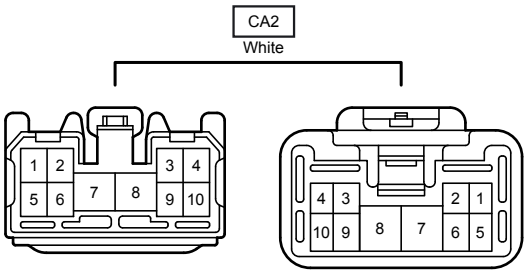


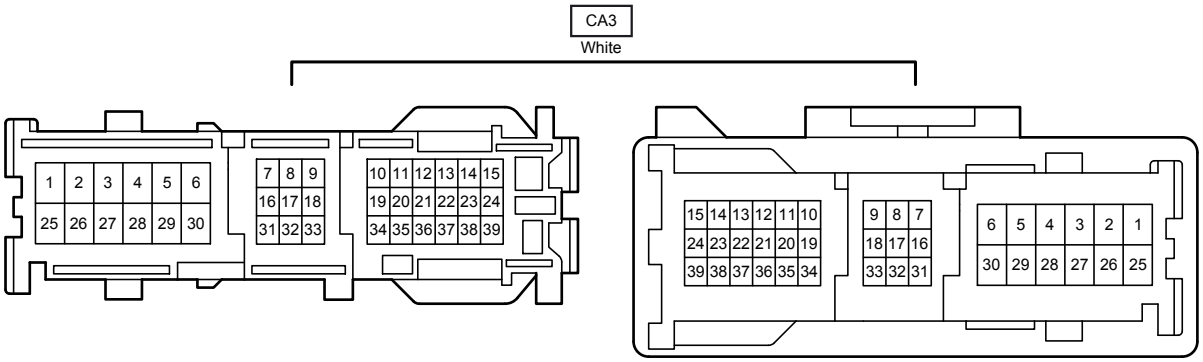
AK2
Gray

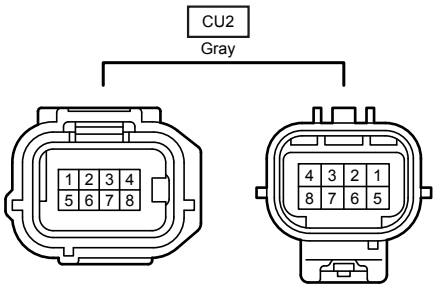


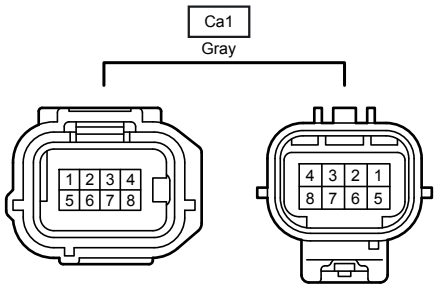
CA1
White

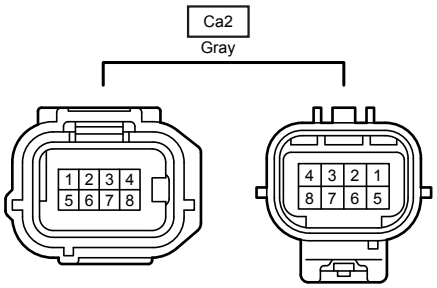


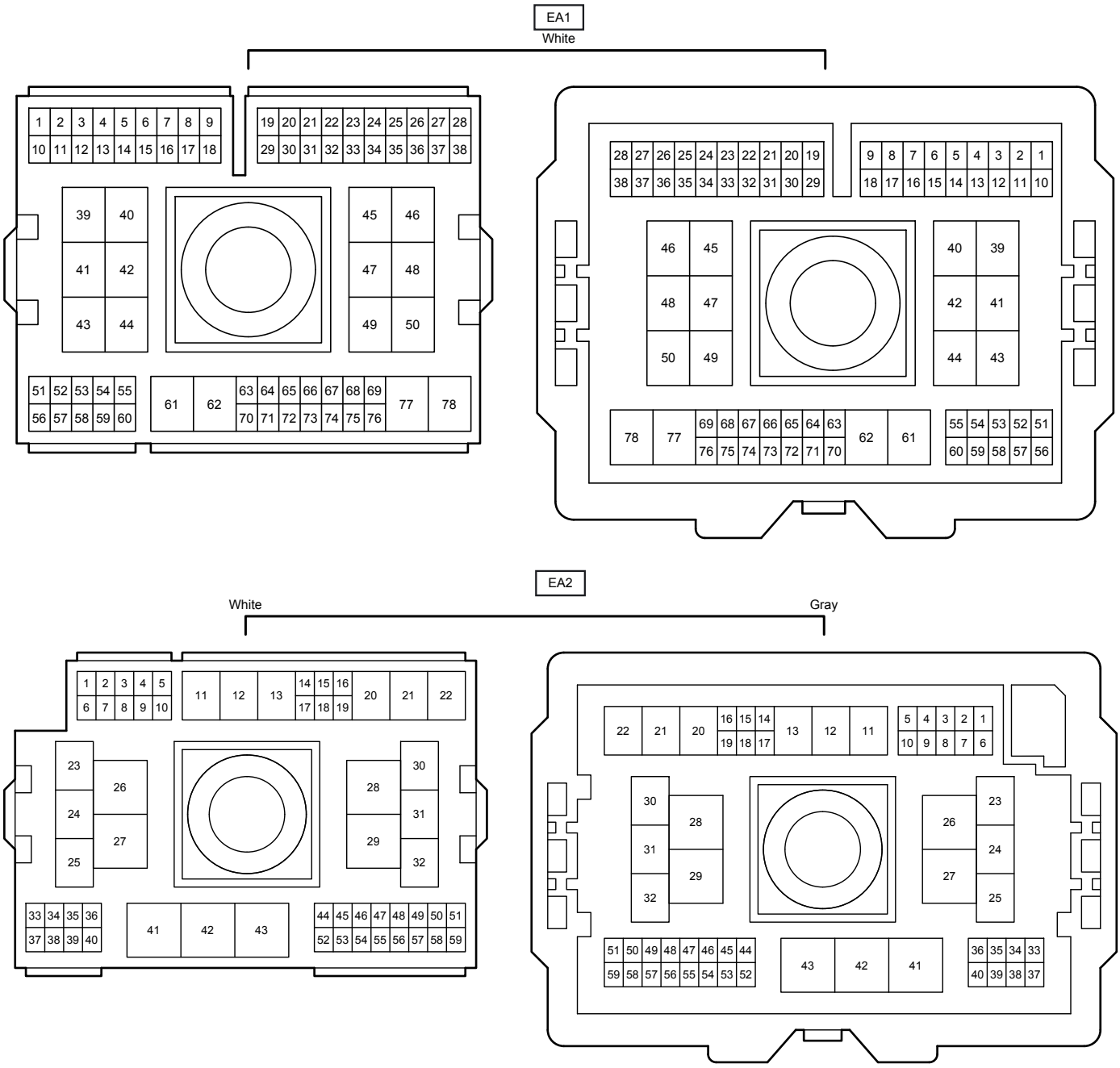

CA2
White
1 2 7 8 3 4
5 6 9 10
4 3 8 7 2 1
10 9 6 5

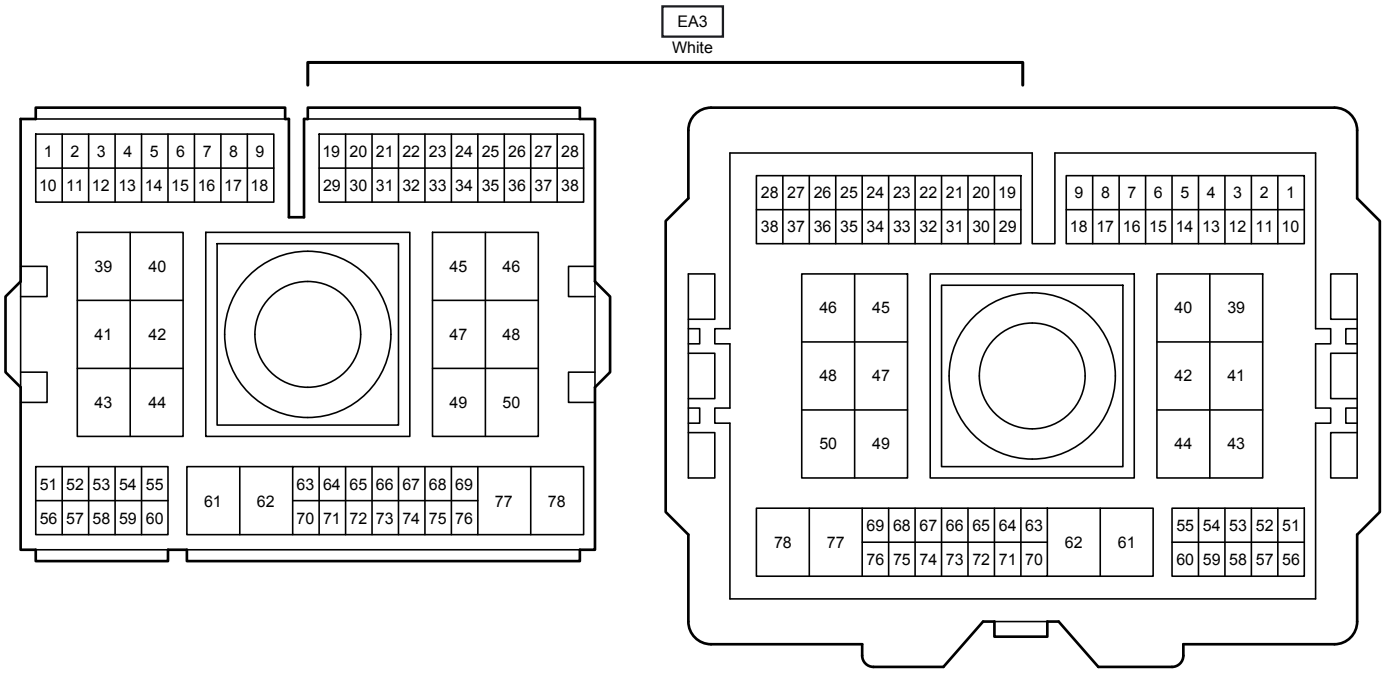

CA3
White
1 2 3 4 5 6
25 26 27 28 29 30
7 8 9
16 17 18
31 32 33
10 11 12 13 14 15
19 20 21 22 23 24
34 35 36 37 38 39
15 14 13 12 11 10
24 23 22 21 20 19
39 38 37 36 35 34
9 8 7
18 17 16
33 32 31
6 5 4 3 2 1
30 29 28 27 26 25

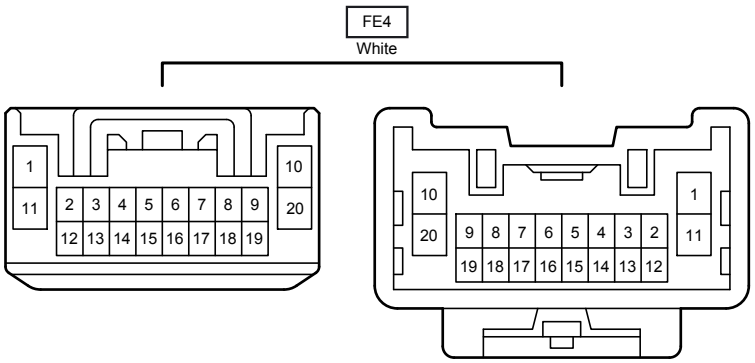

CU2
Gray
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5

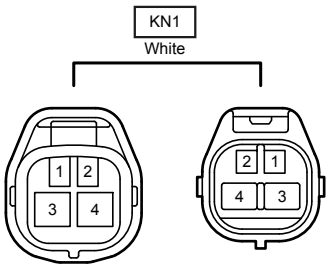

Ca1
Gray
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5

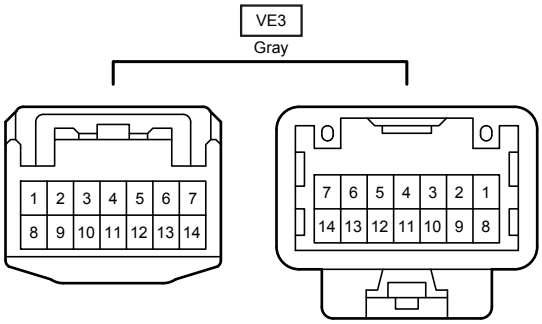

Ca2
Gray
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5

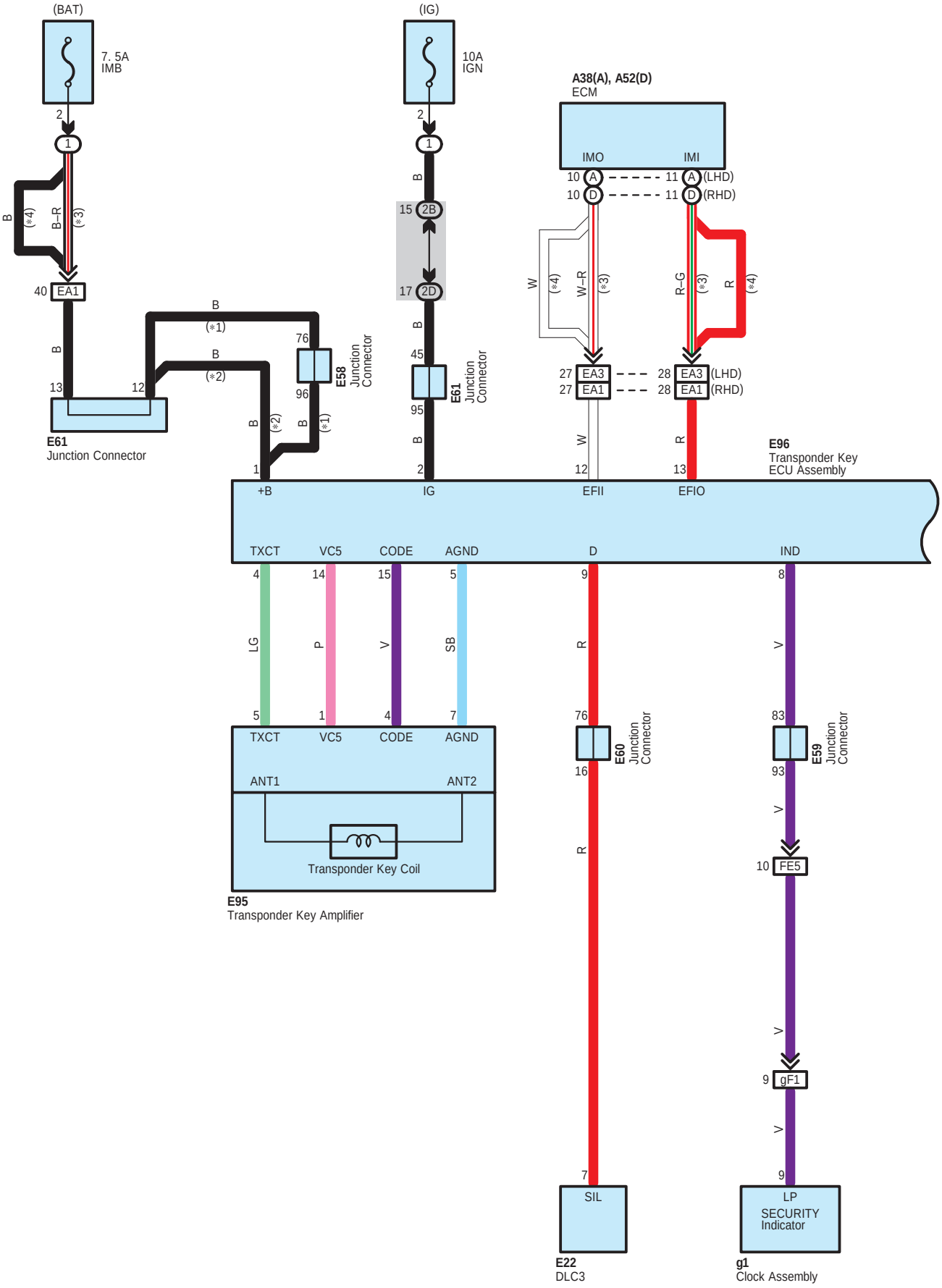

EA1
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45
48 47
50 49
40 39
42 41
44 43
78 77
69 68 67 66 65 64 63
76 75 74 73 72 71 70
62 61
55 54 53 52 51
60 59 58 57 56
EA2
White
Gray
1 2 3 4 5
6 7 8 9 10
11 12 13
14 15 16
17 18 19
20 21 22
23 24 25
26 27
28 29
30 31 32
33 34 35 36
37 38 39 40
41 42 43
44 45 46 47 48 49 50 51
52 53 54 55 56 57 58 59
22 21 20
16 15 14
19 18 17
13 12 11
5 4 3 2 1
10 9 8 7 6
30 31 32
28 29
26 27
23 24 25
51 50 49 48 47 46 45 44
59 58 57 56 55 54 53 52
43 42 41
36 35 34 33
40 39 38 37


EA3
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45
48 47
50 49
40 39
42 41
44 43
78 77
69 68 67 66 65 64 63
76 75 74 73 72 71 70
62 61
55 54 53 52 51
60 59 58 57 56

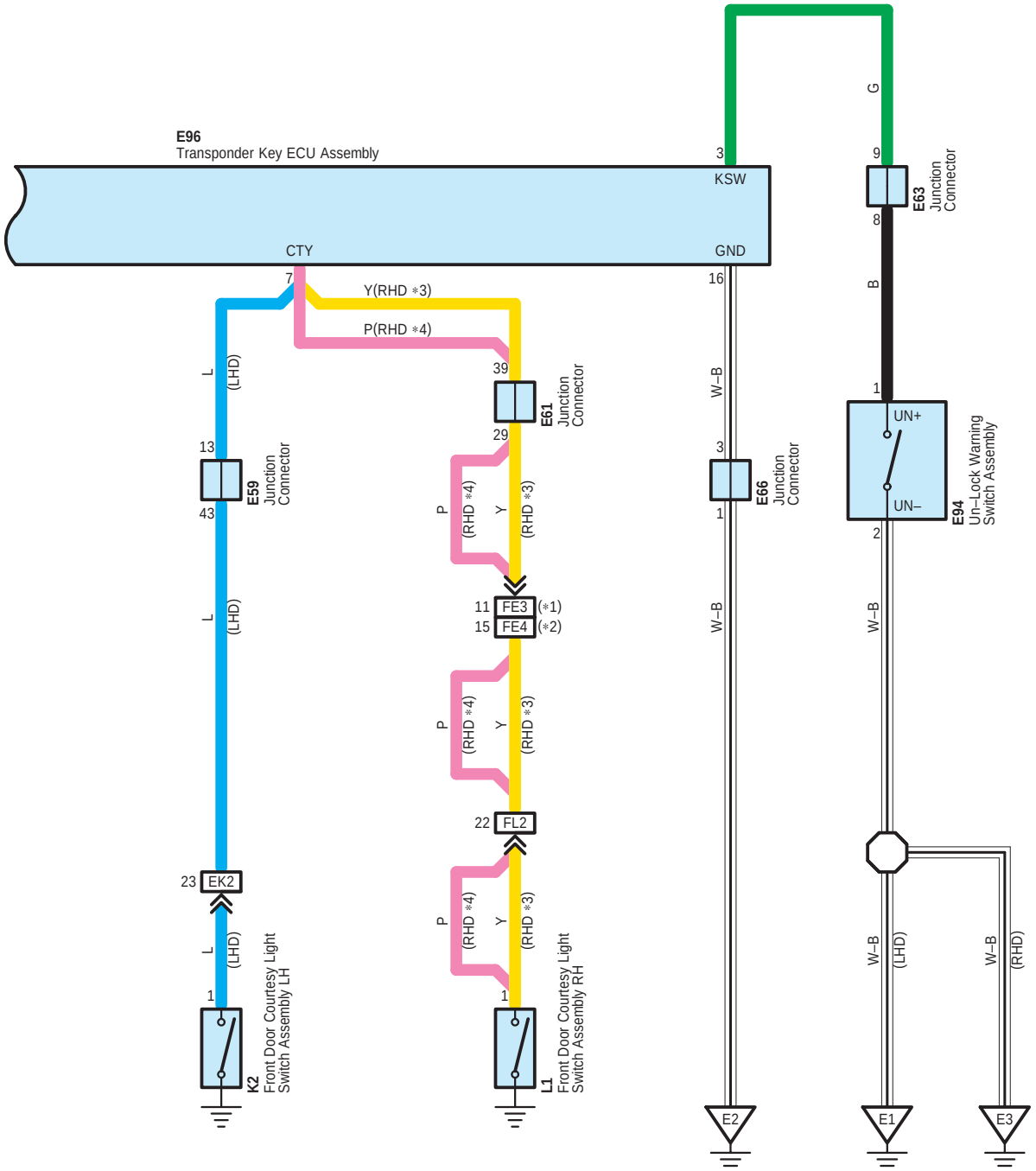

FE4
White
1 10
11 20
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10 1
20 11
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12


KN1
White
1 2
3 4
2 1
4 3

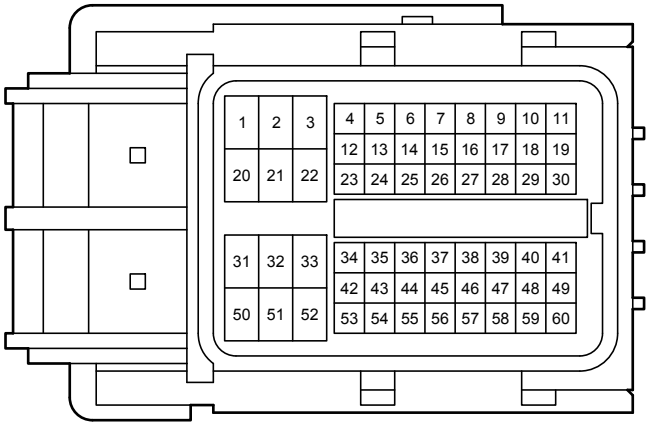

VE3
Gray
1 2 3 4 5 6 7
8 9 10 11 12 13 14
7 6 5 4 3 2 1
14 13 12 11 10 9 8


(BAT)
7. 5A
IMB
(IG)
10A
IGN
A38(A), A52(D)
ECM
IMO
IMI
(LHD)
(RHD)
E58
Junction
Connector
E61
Junction
Connector
E61
Junction Connector
E96
Transponder Key
ECU Assembly
+B
IG
EFII
EFIO
TXCT
VC5
CODE
AGND
D
IND
ANT1
ANT2
Transponder Key Coil
E95
Transponder Key Amplifier
E60
Junction
Connector
E59
Junction
Connector
SIL
E22
DLC3
LP
SECURITY
Indicator
g1
Clock Assembly

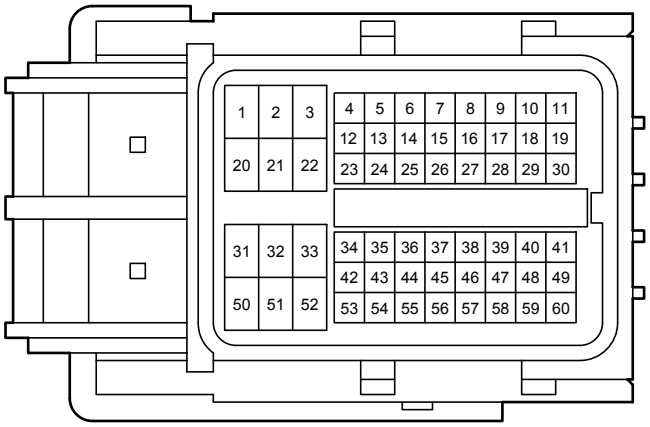
∗1 : Before Jan. 2012 Production
∗2 : From Jan. 2012 Production
∗3 : Before Jan. 2013 Production
∗4 : From Jan. 2013 Production



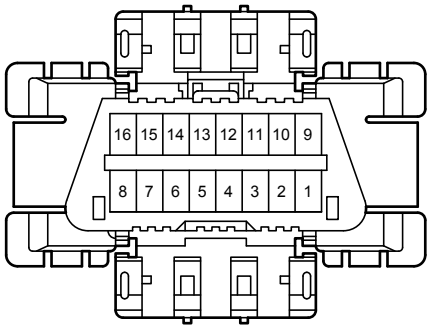
A 38
Black



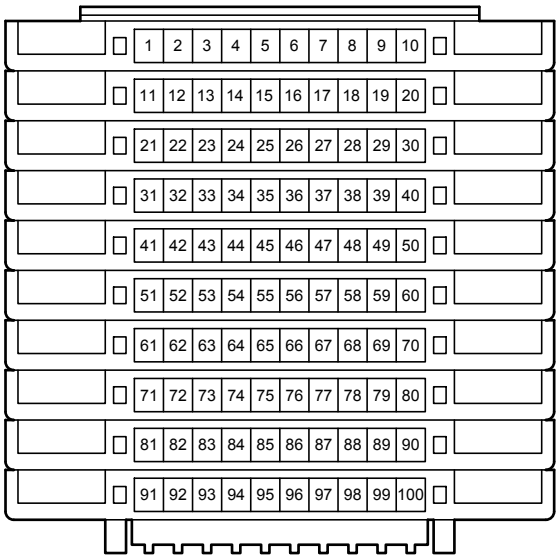
A 52
Black



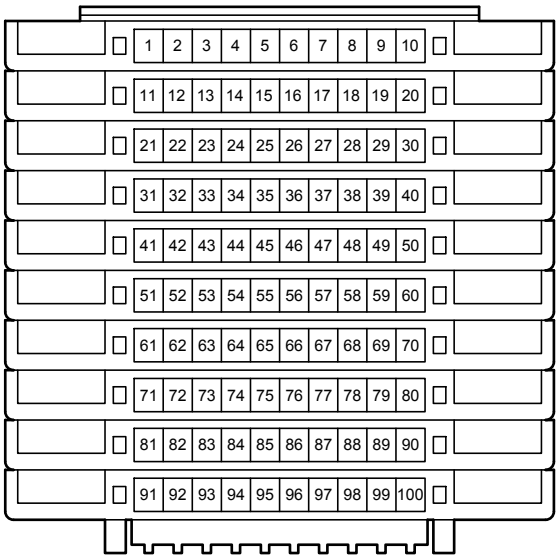
E 22
White



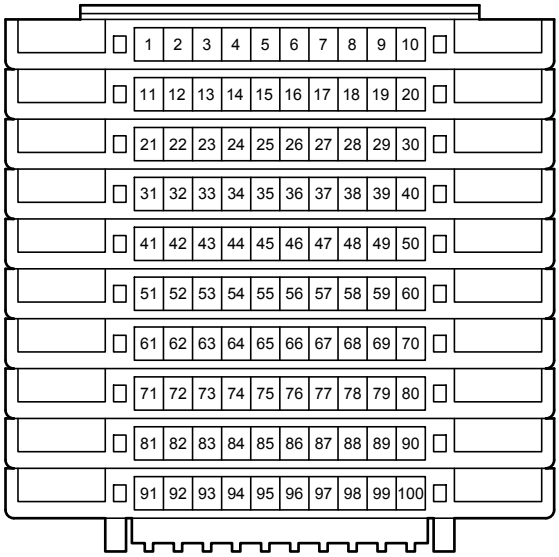
E 58



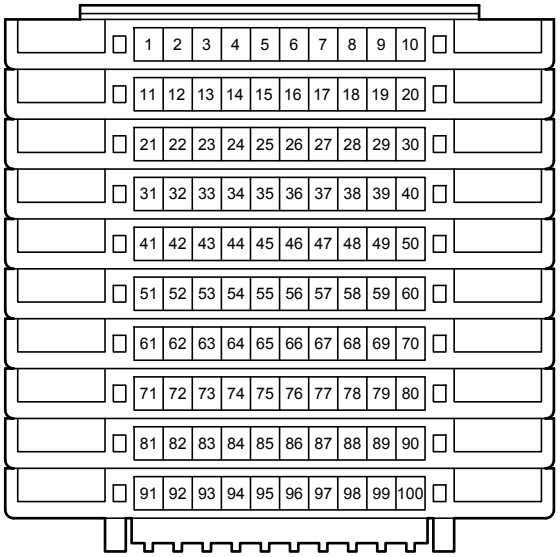
E 59



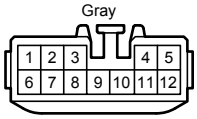
E 60



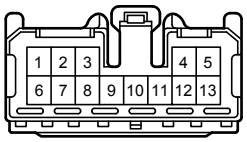
E 61



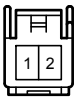
E 63
Gray



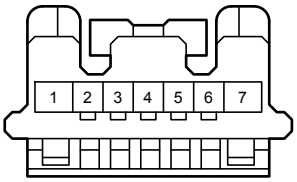
E 66
White



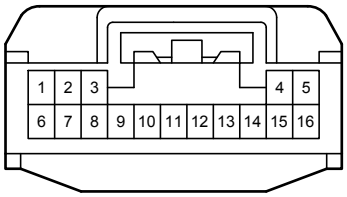
E 94
White



E 95
Black



E 96
Black



K 2
White



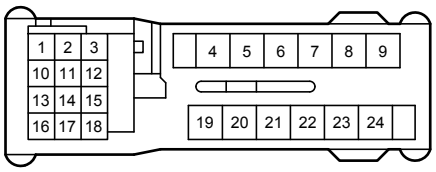
L 1
White



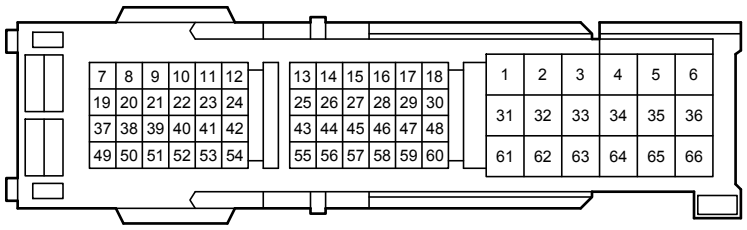
g 1
White



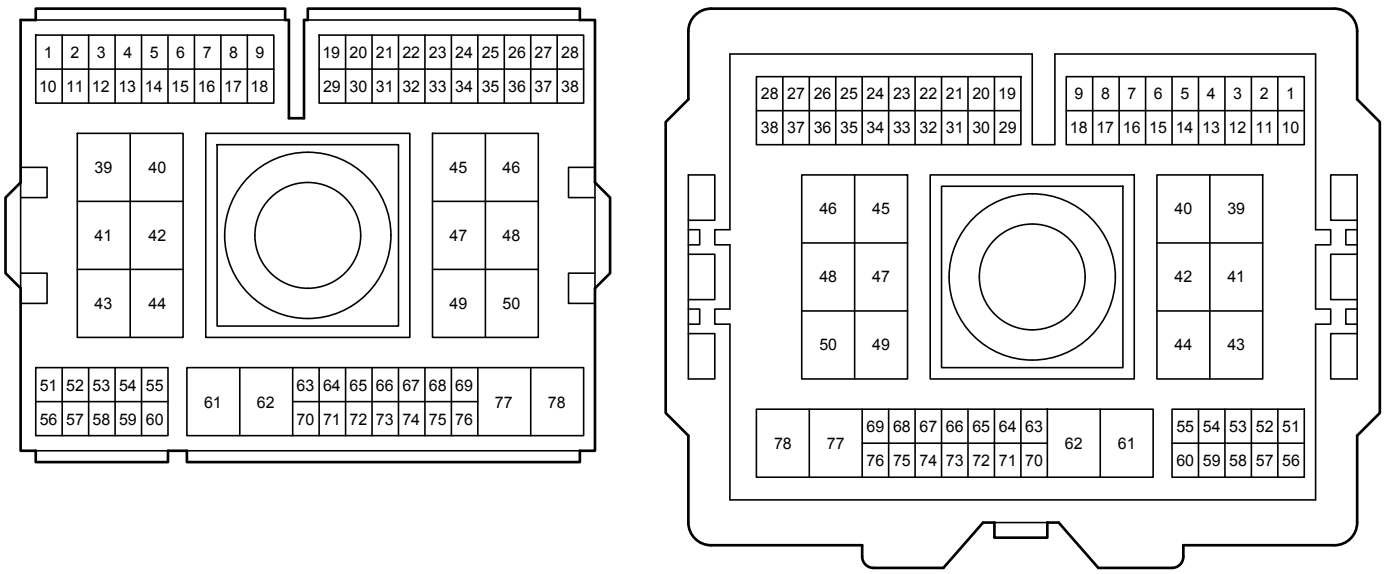
2B
White



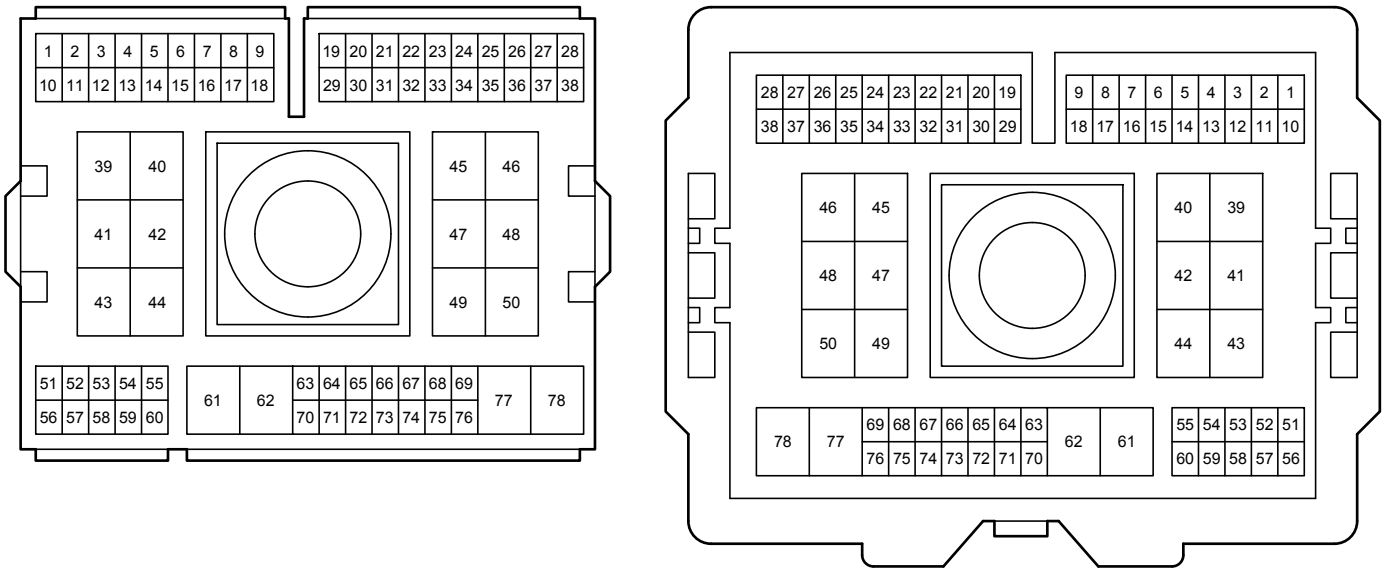
2D
White



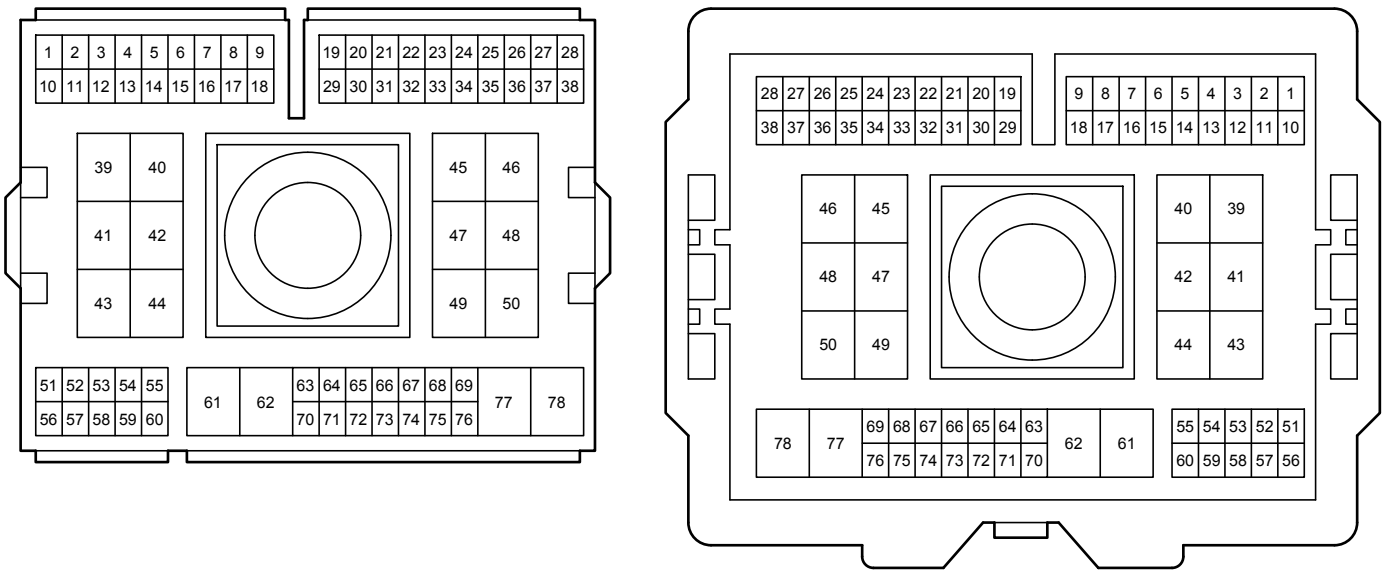
EA1
White



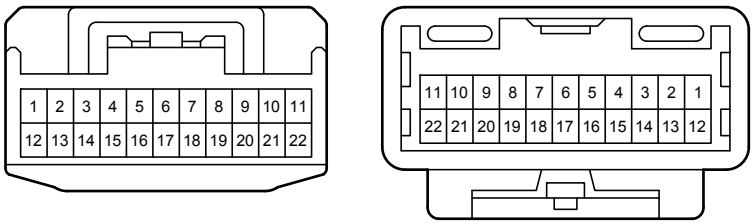
EA3
White



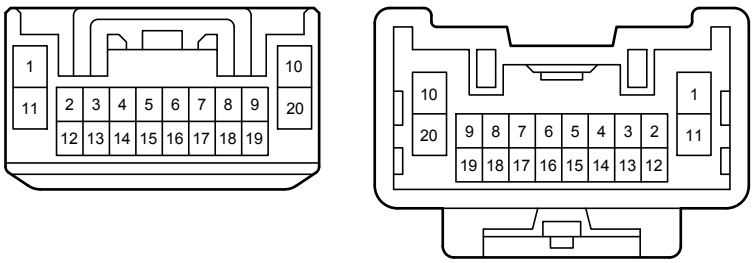
EK2
White



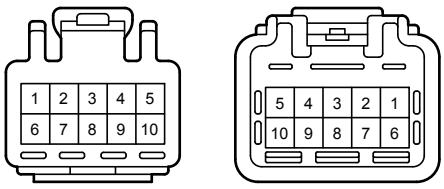
FE3
White



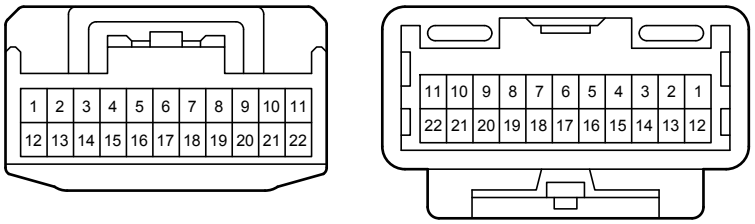
FE4
White



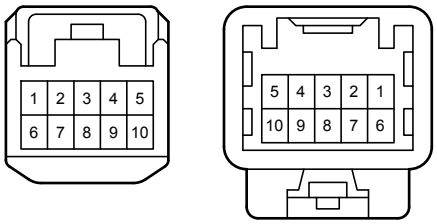
FE5
White

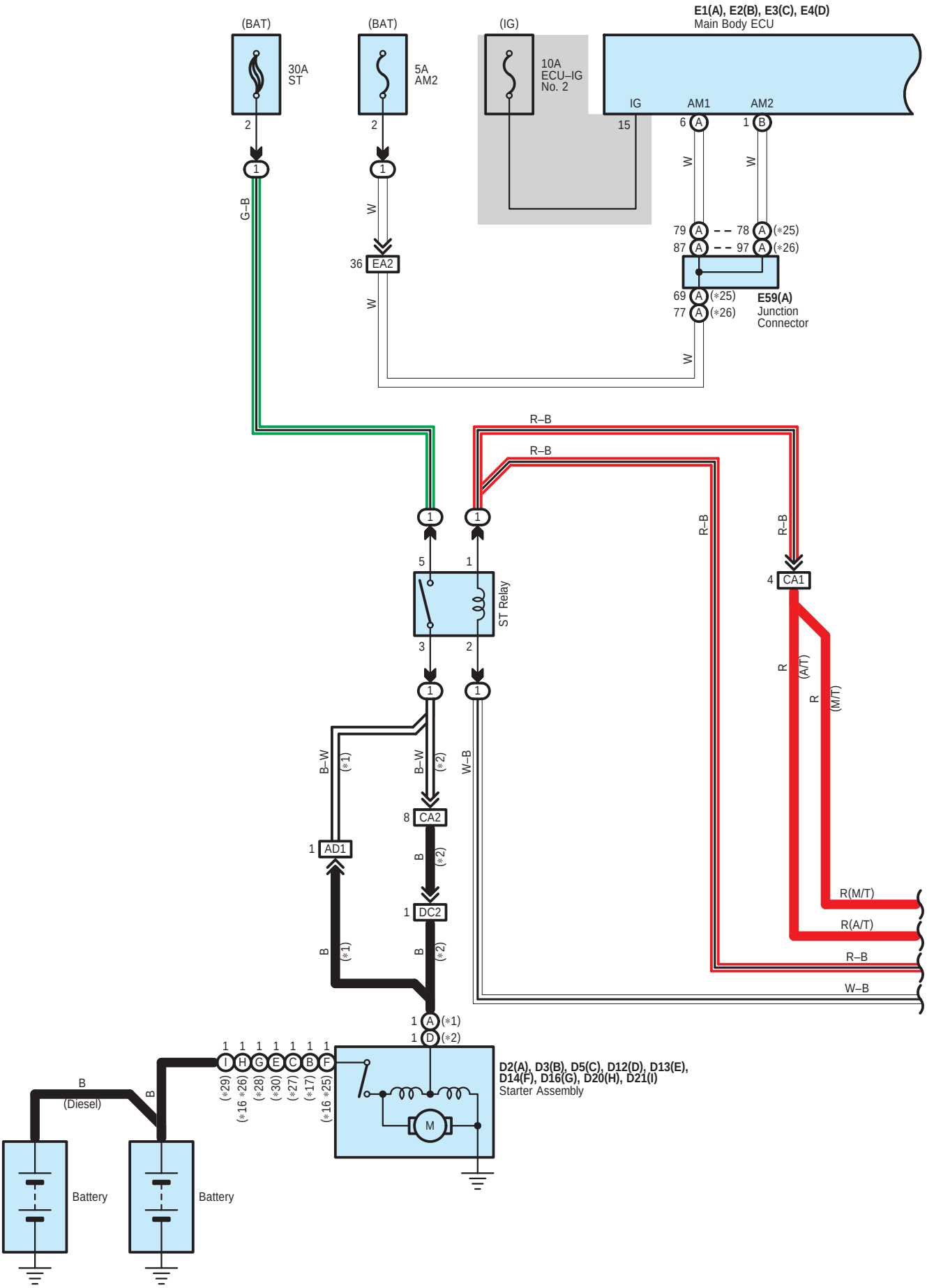


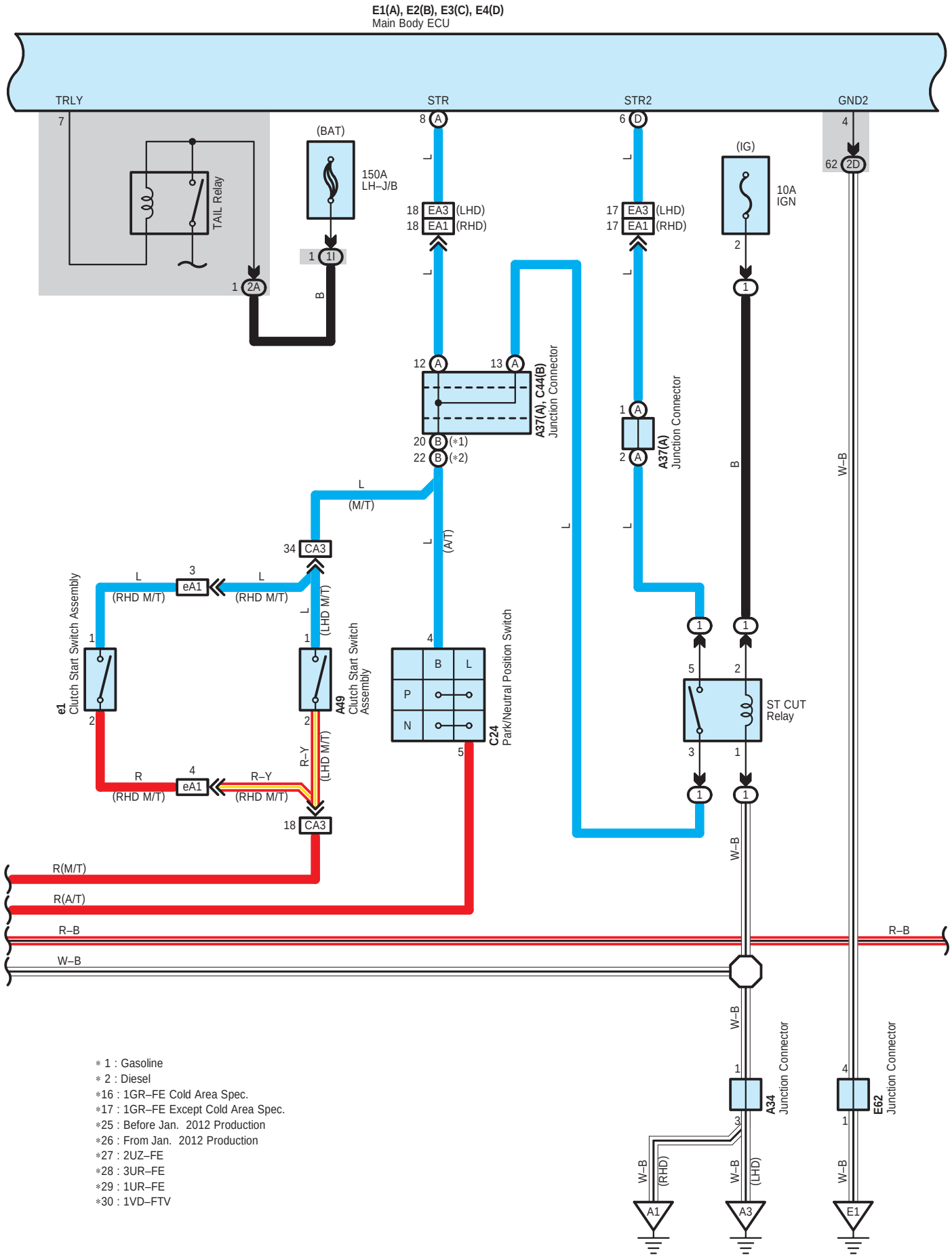
FL2
Blue



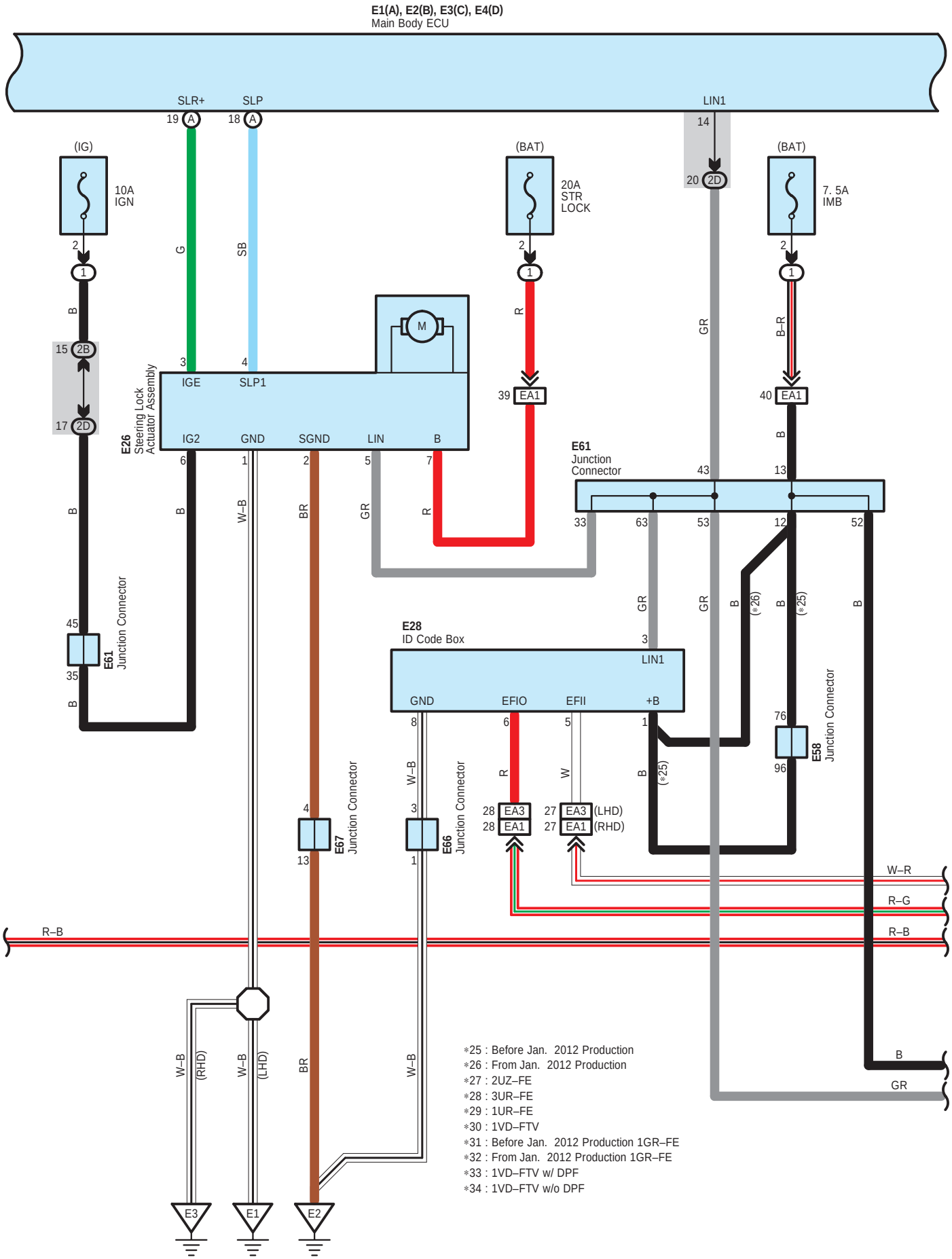
gF1
Black

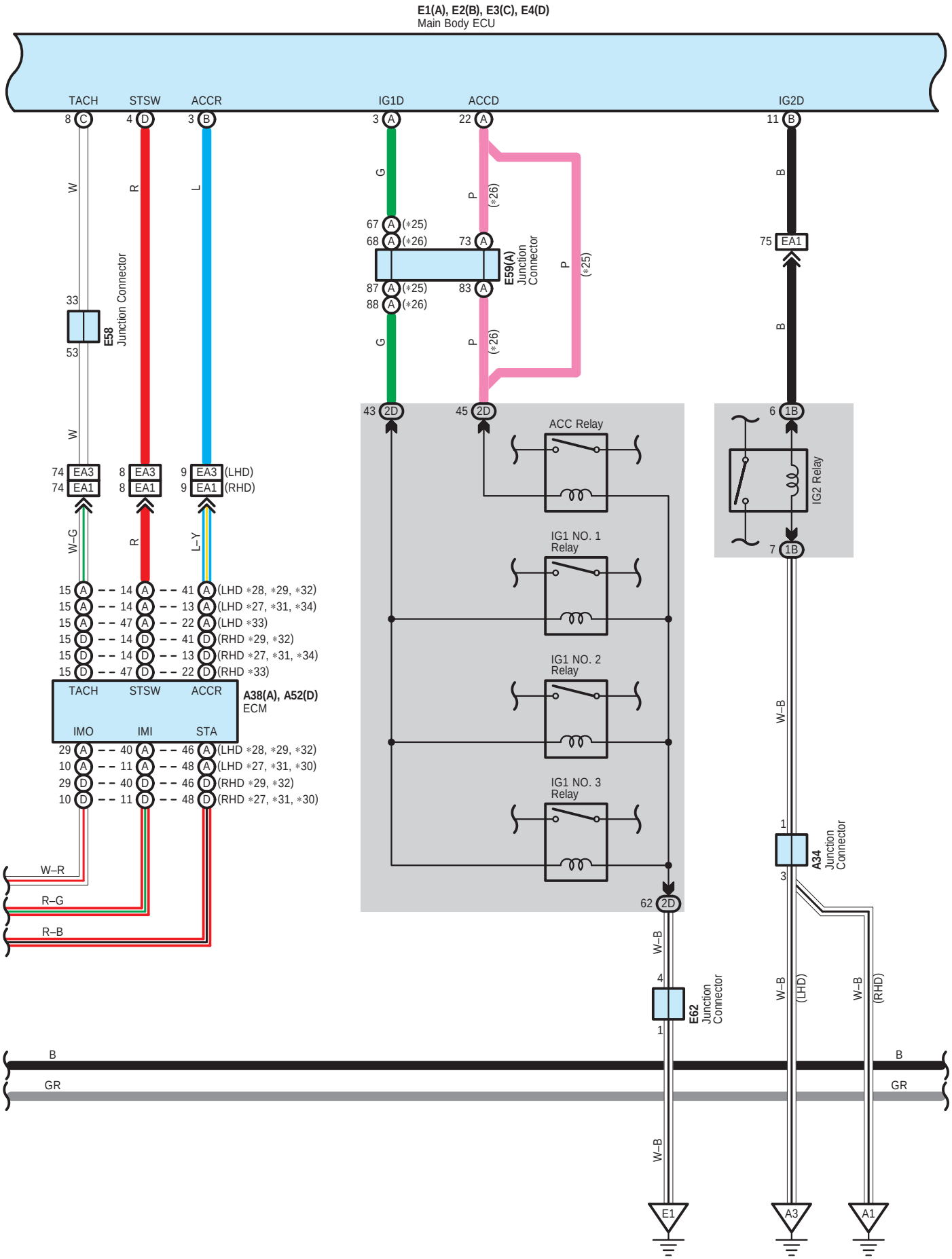


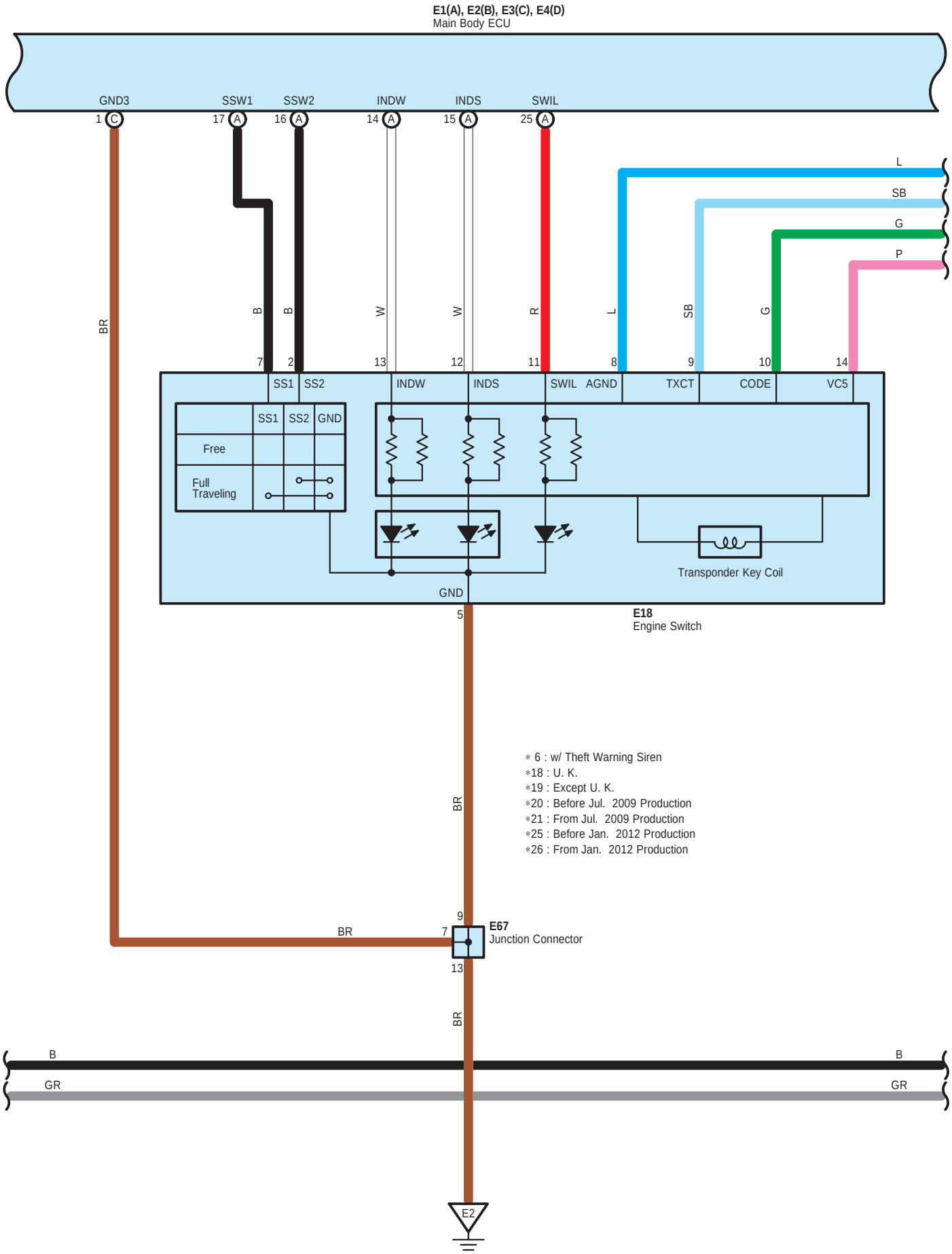

(BAT)
(BAT)
(IG)
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
30A
ST
5A
AM2
10A
ECU–IG
No. 2
IG
AM1
AM2
15
6 A
1 B
W
W
G–B
W
79 A
78 A (*25)
87 A
97 A (*26)
36 EA2
69 A (*25)
77 A (*26)
E59(A)
Junction
Connector
W
R–B
R–B
R–B
R–B
5
1
ST Relay
3
2
4 CA1
R (A/T)
R (M/T)
B–W (*1)
B–W (*2)
W–B
8 CA2
1 AD1
B (*2)
1 DC2
B (*1)
B (*2)
R(M/T)
R(A/T)
R–B
W–B
1 A (*1)
1 D (*2)
I H G E C B F
(*29) (*16 *26) (*28) (*30) (*27) (*17) (*16 *25)
D2(A), D3(B), D5(C), D12(D), D13(E),
D14(F), D16(G), D20(H), D21(I)
Starter Assembly
M
B
(Diesel)
B
Battery
Battery

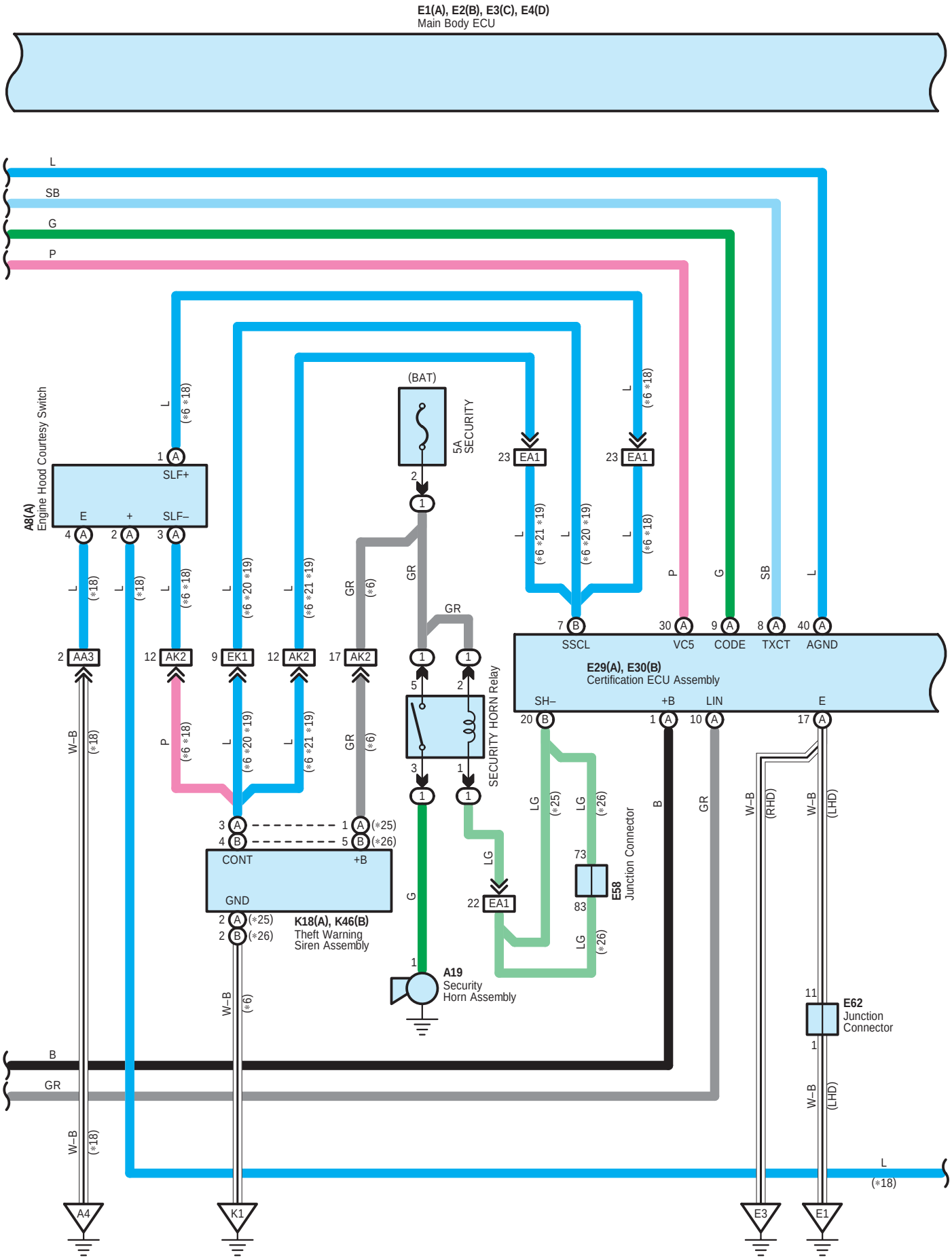


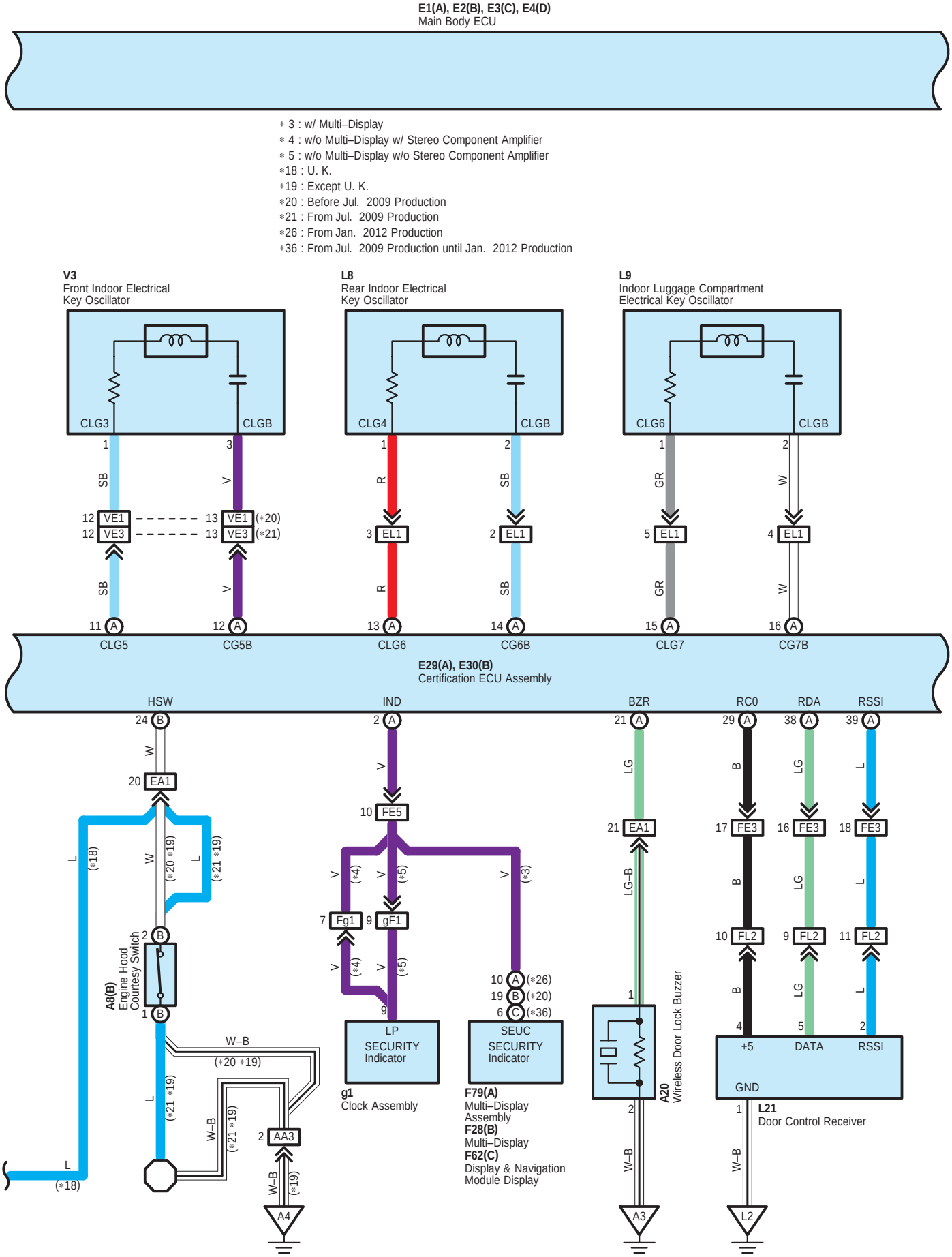
∗ 1 : Gasoline
∗ 2 : Diesel
∗16 : 1GR–FE Cold Area Spec.
∗17 : 1GR–FE Except Cold Area Spec.
∗25 : Before Jan. 2012 Production
∗26 : From Jan. 2012 Production
∗27 : 2UZ–FE
∗28 : 3UR–FE
∗29 : 1UR–FE
∗30 : 1VD–FTV

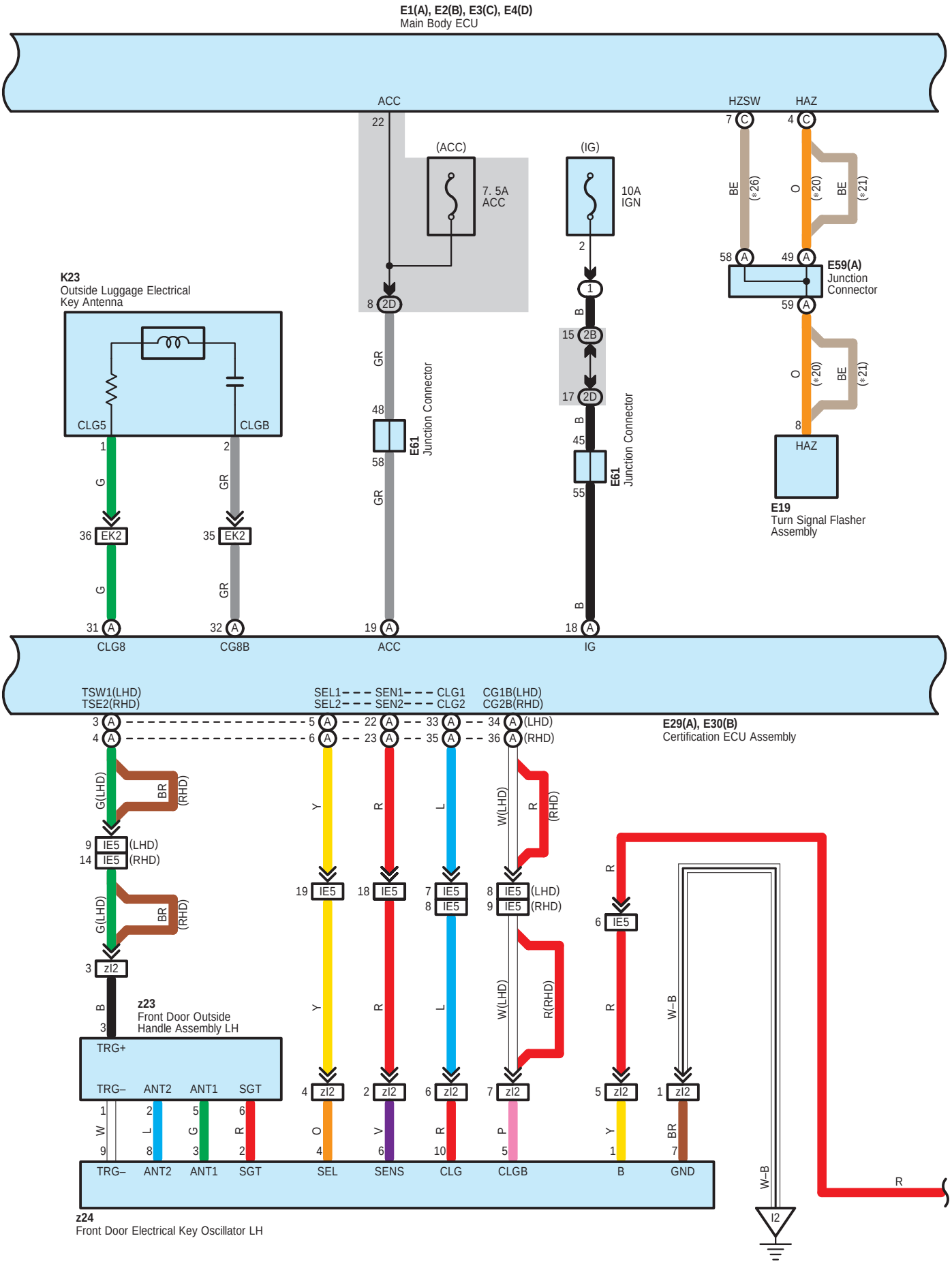

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
SLR+
SLP
LIN1
(IG)
10A
IGN
(BAT)
20A
STR
LOCK
(BAT)
7. 5A
IMB
E26
Steering Lock
Actuator Assembly
IGE
SLP1
IG2
GND
SGND
LIN
B
E61
Junction
Connector
E28
ID Code Box
LIN1
GND
EFIO
EFII
+B
E61
Junction Connector
E67
Junction Connector
E66
Junction Connector
E58
Junction Connector
EA1
EA3
(LHD)
(RHD)
W–R
R–G
R–B
B
GR
W–B
BR
R
W
B–R
E3
E1
E2
*25 : Before Jan. 2012 Production
*26 : From Jan. 2012 Production
*27 : 2UZ–FE
*28 : 3UR–FE
*29 : 1UR–FE
*30 : 1VD–FTV
*31 : Before Jan. 2012 Production 1GR–FE
*32 : From Jan. 2012 Production 1GR–FE
*33 : 1VD–FTV w/ DPF
*34 : 1VD–FTV w/o DPF

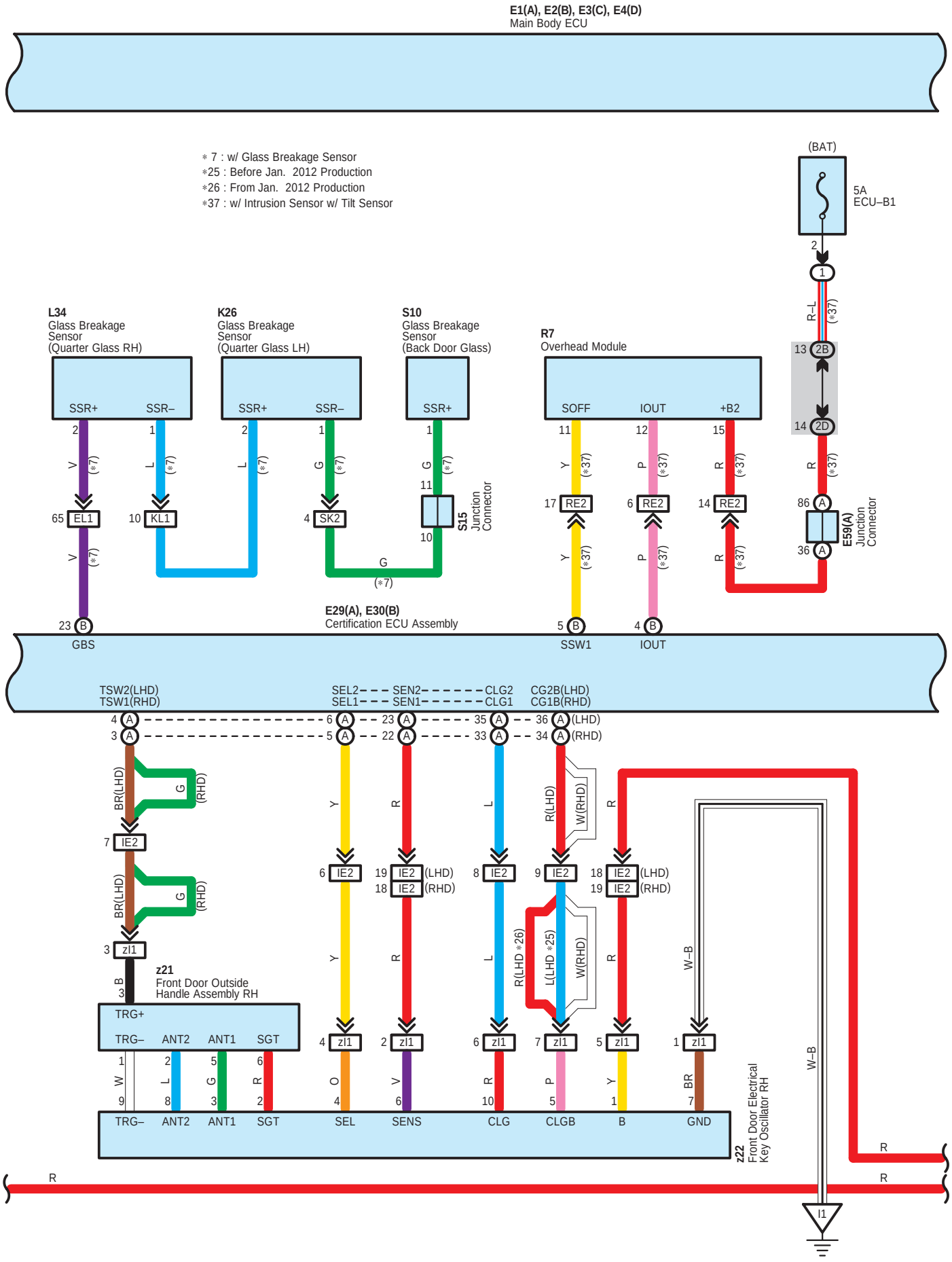

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
TACH
STSW
ACCR
IG1D
ACCD
IG2D
E58 Junction Connector
E59(A) Junction Connector
ACC Relay
IG1 NO. 1 Relay
IG1 NO. 2 Relay
IG1 NO. 3 Relay
IG2 Relay
A38(A), A52(D) ECM
IMO
IMI
STA
A34 Junction Connector
E62 Junction Connector
(LHD)
(RHD)
W–R
R–G
R–B
W–B
B
GR
E1
A3
A1

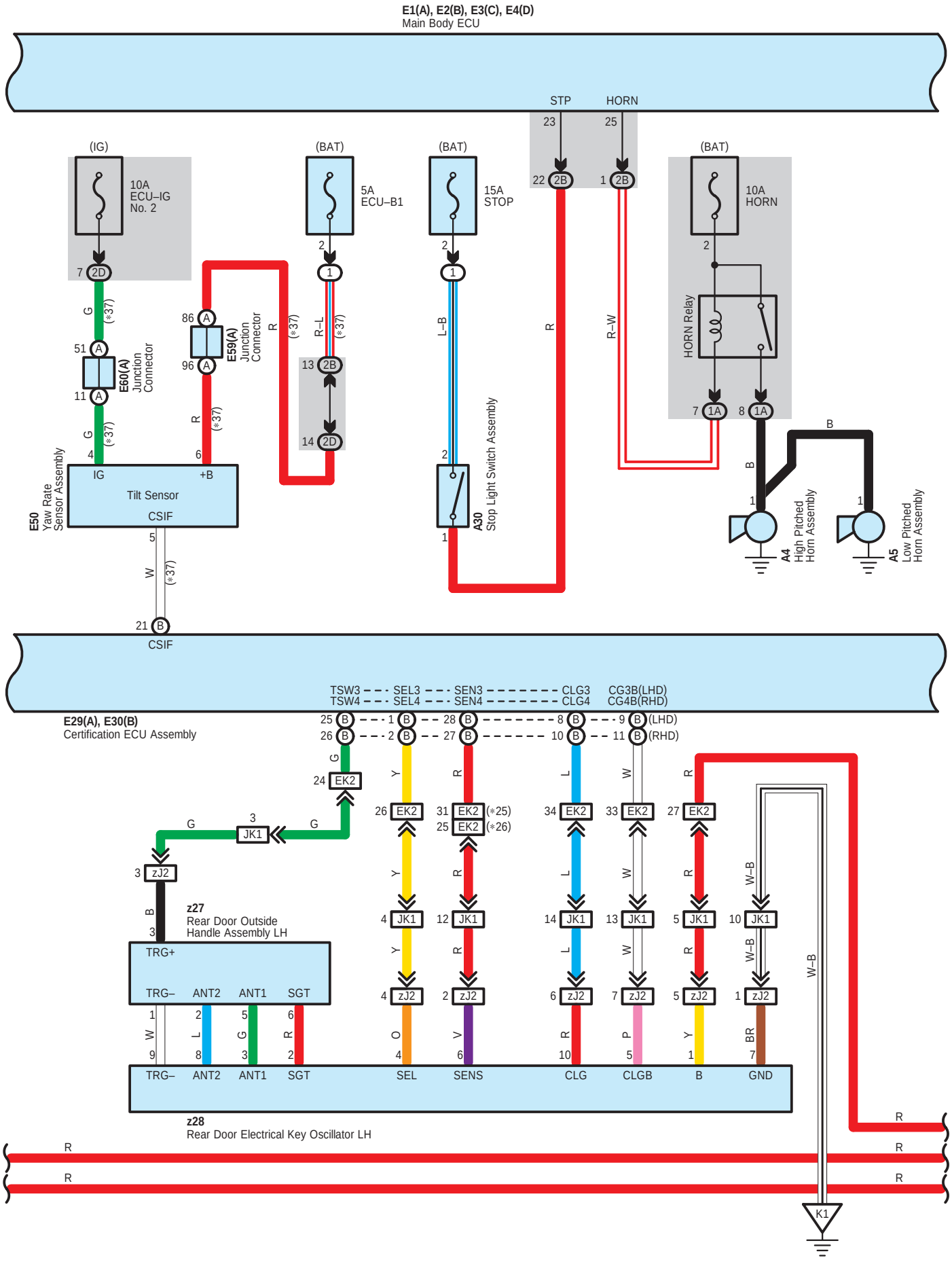

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
GND3
SSW1
SSW2
INDW
INDS
SWIL
1 C
17 A
16 A
14 A
15 A
25 A
L
SB
G
P
BR
B
B
W
W
R
L
SB
G
7
2
13
12
11
8
9
10
14
SS1
SS2
INDW
INDS
SWIL
AGND
TXCT
CODE
VC5
SS1
SS2
GND
Free
Full Traveling
Transponder Key Coil
GND
5
E18
Engine Switch
∗ 6 : w/ Theft Warning Siren
∗18 : U. K.
∗19 : Except U. K.
∗20 : Before Jul. 2009 Production
∗21 : From Jul. 2009 Production
∗25 : Before Jan. 2012 Production
∗26 : From Jan. 2012 Production
BR
9
BR
7
E67
Junction Connector
13
BR
B
B
GR
GR
E2

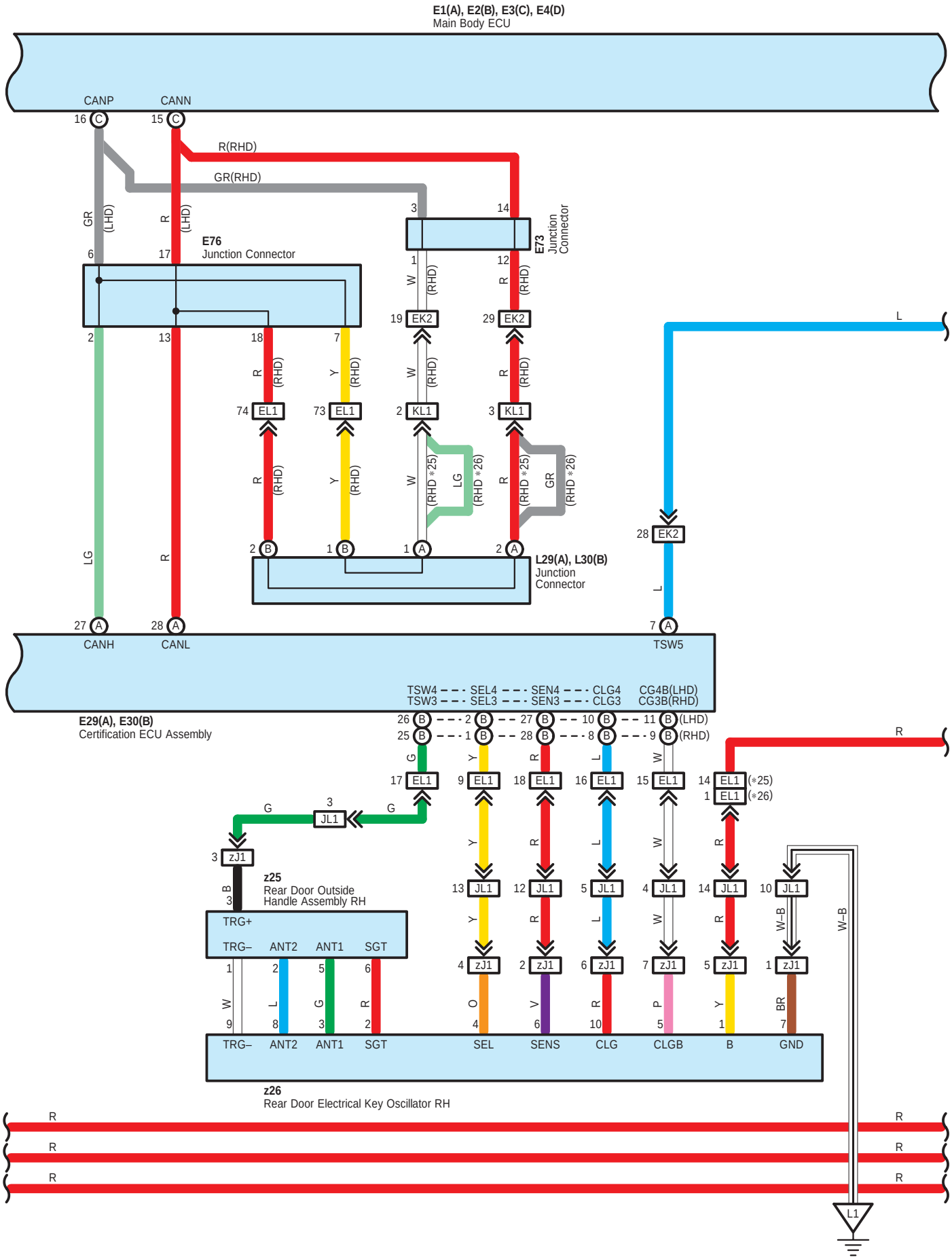

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
L
SB
G
P
A8(A)
Engine Hood Courtesy Switch
SLF+
SLF–
E
+
(BAT)
5A
SECURITY
23 EA1
E29(A), E30(B)
Certification ECU Assembly
SSCL
VC5
CODE
TXCT
AGND
SH–
+B
LIN
E
SECURITY HORN Relay
AA3
AK2
EK1
CONT
GND
K18(A), K46(B)
Theft Warning
Siren Assembly
A19
Security
Horn Assembly
E58
Junction Connector
E62
Junction
Connector
A4
K1
E3
E1
W–B
(RHD)
(LHD)
(*18)
(*6 *18)
(*6 *20 *19)
(*6 *21 *19)
(*6)
(*25)
(*26)

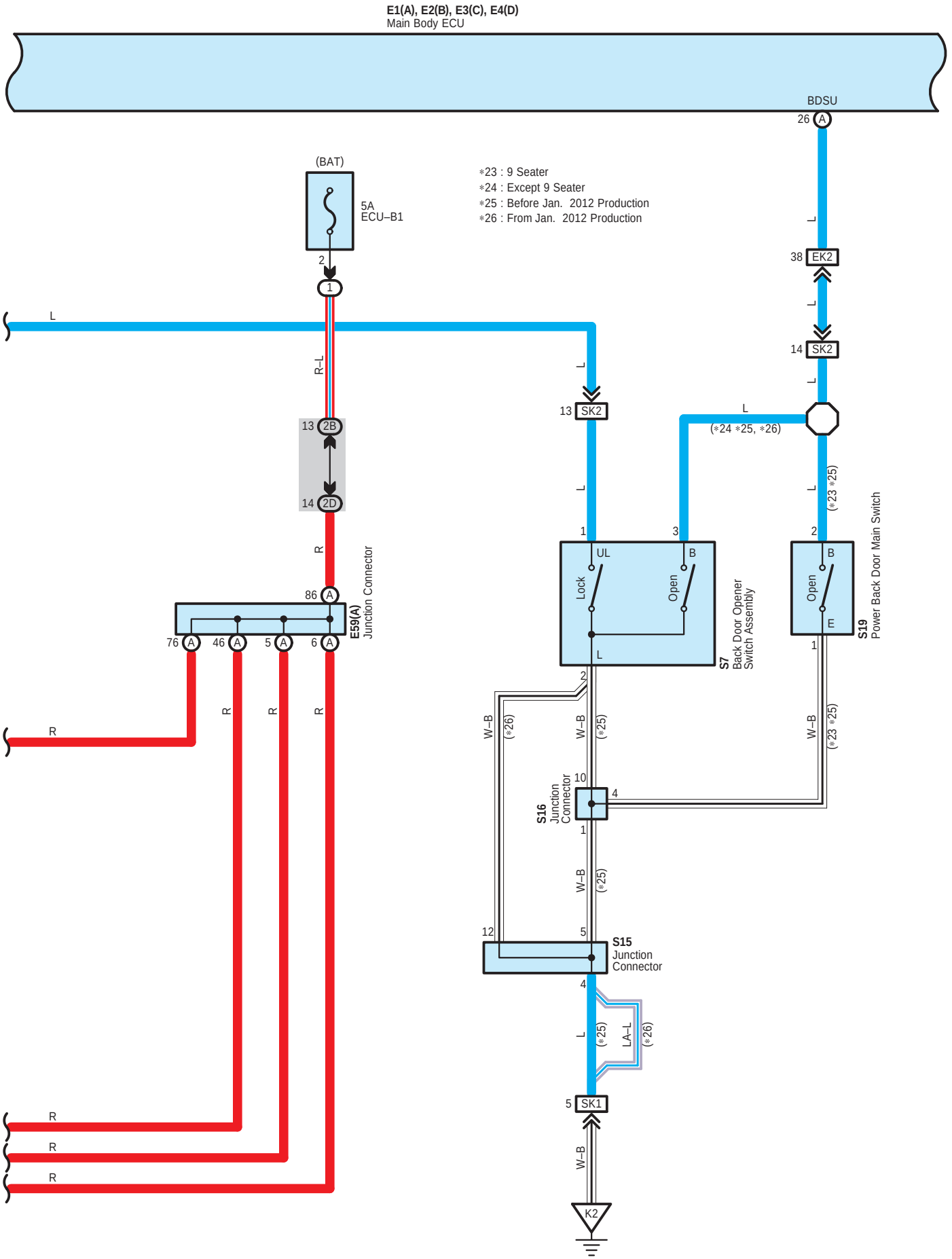

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
∗ 3 : w/ Multi–Display
∗ 4 : w/o Multi–Display w/ Stereo Component Amplifier
∗ 5 : w/o Multi–Display w/o Stereo Component Amplifier
∗18 : U. K.
∗19 : Except U. K.
∗20 : Before Jul. 2009 Production
∗21 : From Jul. 2009 Production
∗26 : From Jan. 2012 Production
∗36 : From Jul. 2009 Production until Jan. 2012 Production
V3
Front Indoor Electrical Key Oscillator
L8
Rear Indoor Electrical Key Oscillator
L9
Indoor Luggage Compartment Electrical Key Oscillator
CLG3
CLGB
CLG4
CLG6
CLG5
CG5B
CLG6
CG6B
CLG7
CG7B
E29(A), E30(B)
Certification ECU Assembly
HSW
IND
BZR
RC0
RDA
RSSI
A8(B)
Engine Hood Courtesy Switch
g1
Clock Assembly
LP SECURITY Indicator
F79(A)
Multi–Display Assembly
F28(B)
Multi–Display
F62(C)
Display & Navigation Module Display
SEUC SECURITY Indicator
A20
Wireless Door Lock Buzzer
L21
Door Control Receiver
+5
DATA
RSSI
GND
A4
A3
L2

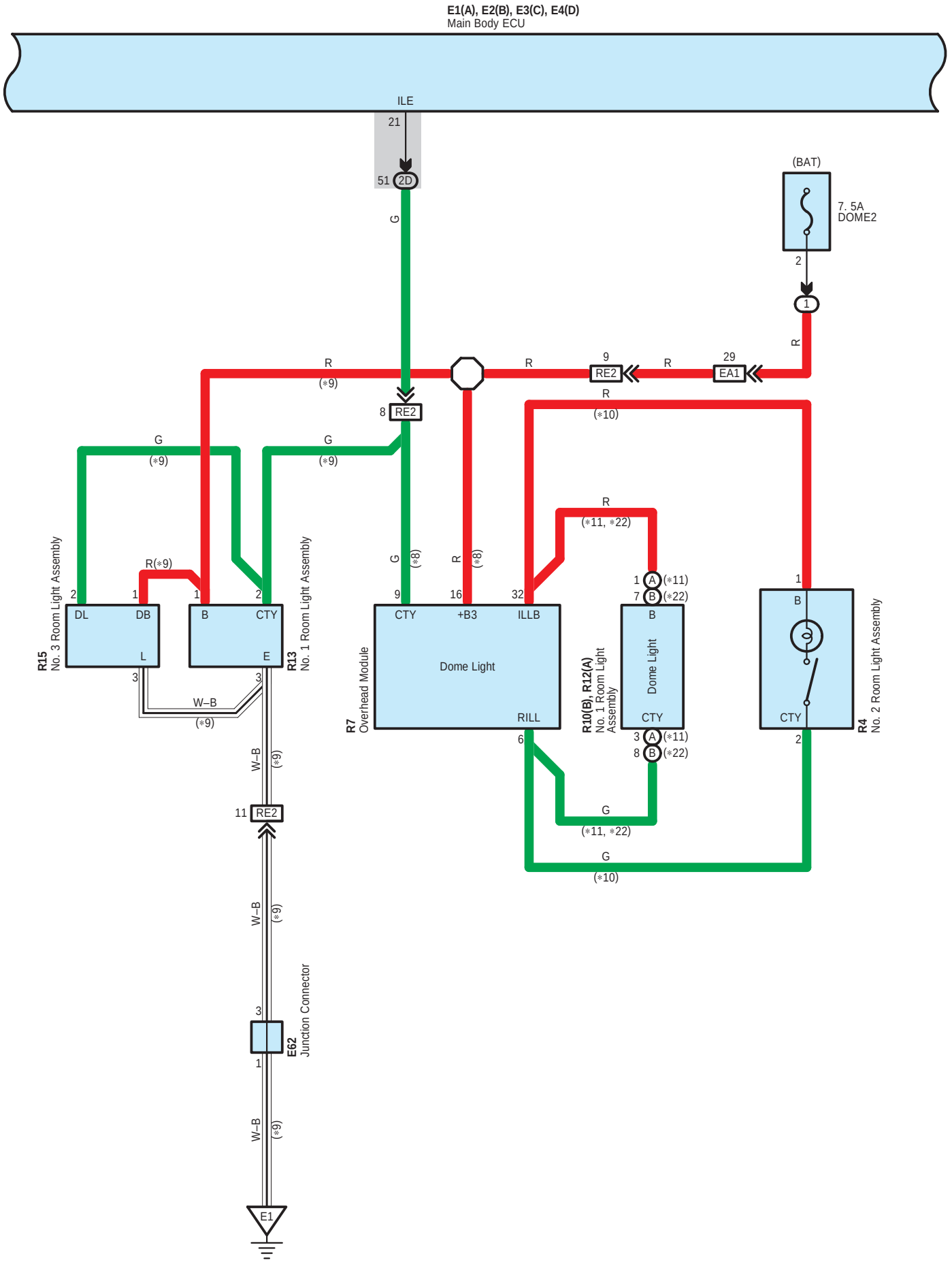

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
ACC
HZSW
HAZ
(ACC)
(IG)
7. 5A
ACC
10A
IGN
K23
Outside Luggage Electrical
Key Antenna
CLG5
CLGB
E61
Junction Connector
E59(A)
Junction Connector
E19
Turn Signal Flasher
Assembly
CLG8
CG8B
ACC
IG
TSW1(LHD)
TSE2(RHD)
SEL1
SEN1
CLG1
CG1B(LHD)
SEL2
SEN2
CLG2
CG2B(RHD)
E29(A), E30(B)
Certification ECU Assembly
z23
Front Door Outside
Handle Assembly LH
TRG+
TRG–
ANT2
ANT1
SGT
SEL
SENS
CLG
CLGB
B
GND
z24
Front Door Electrical Key Oscillator LH

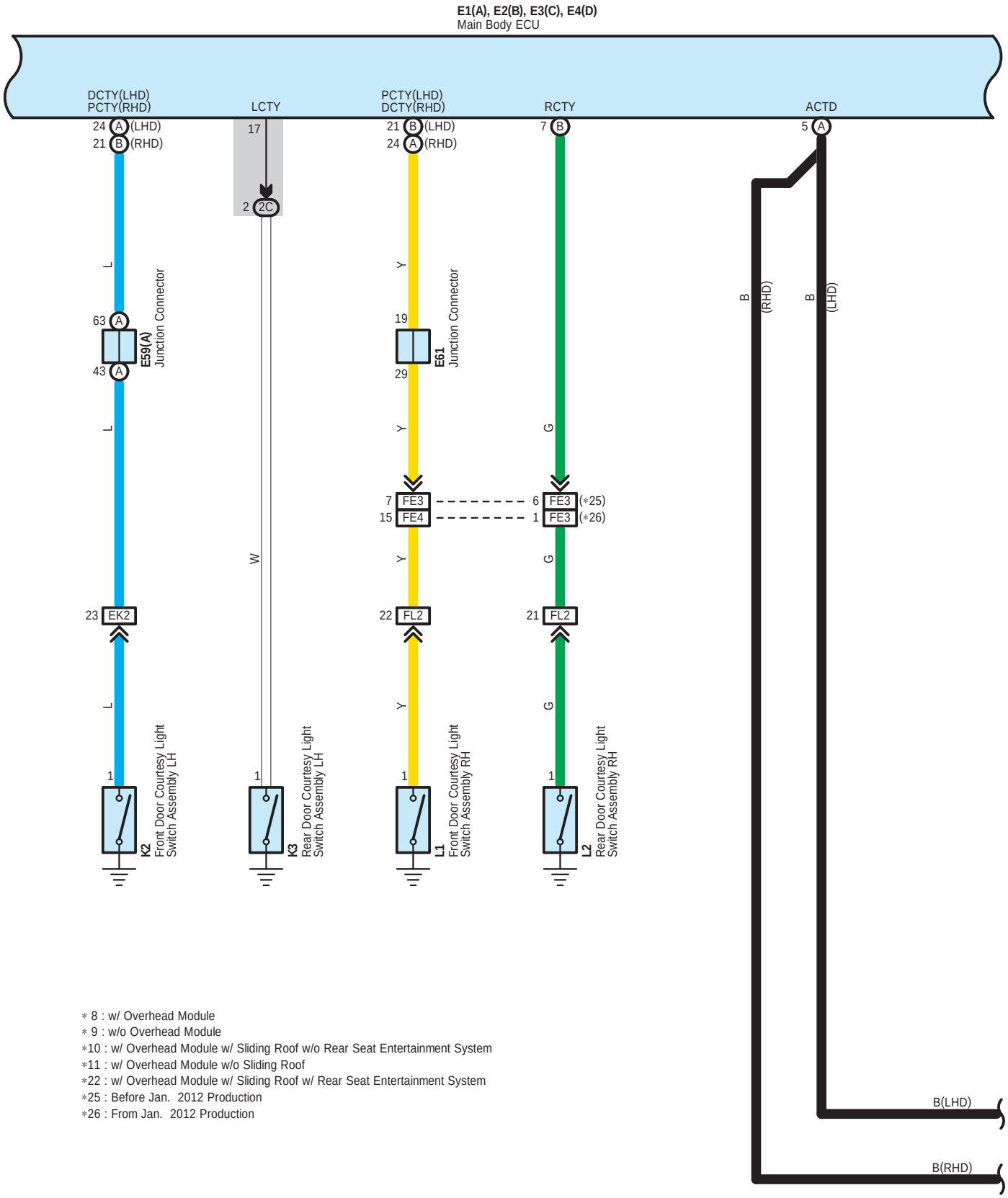

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
∗ 7 : w/ Glass Breakage Sensor
∗25 : Before Jan. 2012 Production
∗26 : From Jan. 2012 Production
∗37 : w/ Intrusion Sensor w/ Tilt Sensor
(BAT)
5A
ECU–B1
L34
Glass Breakage Sensor
(Quarter Glass RH)
K26
Glass Breakage Sensor
(Quarter Glass LH)
S10
Glass Breakage Sensor
(Back Door Glass)
R7
Overhead Module
SSR+
SSR–
SOFF
IOUT
+B2
S15
Junction Connector
E59(A)
Junction Connector
E29(A), E30(B)
Certification ECU Assembly
GBS
SSW1
IOUT
TSW2(LHD)
TSW1(RHD)
SEL2
SEN2
CLG2
CG2B(LHD)
SEL1
SEN1
CLG1
CG1B(RHD)
z21
Front Door Outside Handle Assembly RH
TRG+
TRG–
ANT2
ANT1
SGT
SEL
SENS
CLG
CLGB
B
GND
z22
Front Door Electrical Key Oscillator RH
W–B
R
I1


E1(A), E2(B), E3(C), E4(D)
Main Body ECU
STP
HORN
(IG)
(BAT)
(BAT)
(BAT)
10A ECU–IG No. 2
5A ECU–B1
15A STOP
10A HORN
HORN Relay
E59(A) Junction Connector
E60(A) Junction Connector
E50 Yaw Rate Sensor Assembly
Tilt Sensor
CSIF
IG
+B
A30 Stop Light Switch Assembly
A4 High Pitched Horn Assembly
A5 Low Pitched Horn Assembly
E29(A), E30(B)
Certification ECU Assembly
TSW3 SEL3 SEN3 CLG3 CG3B(LHD)
TSW4 SEL4 SEN4 CLG4 CG4B(RHD)
z27
Rear Door Outside Handle Assembly LH
TRG+
TRG–
ANT2
ANT1
SGT
SEL
SENS
CLG
CLGB
B
GND
z28
Rear Door Electrical Key Oscillator LH
K1

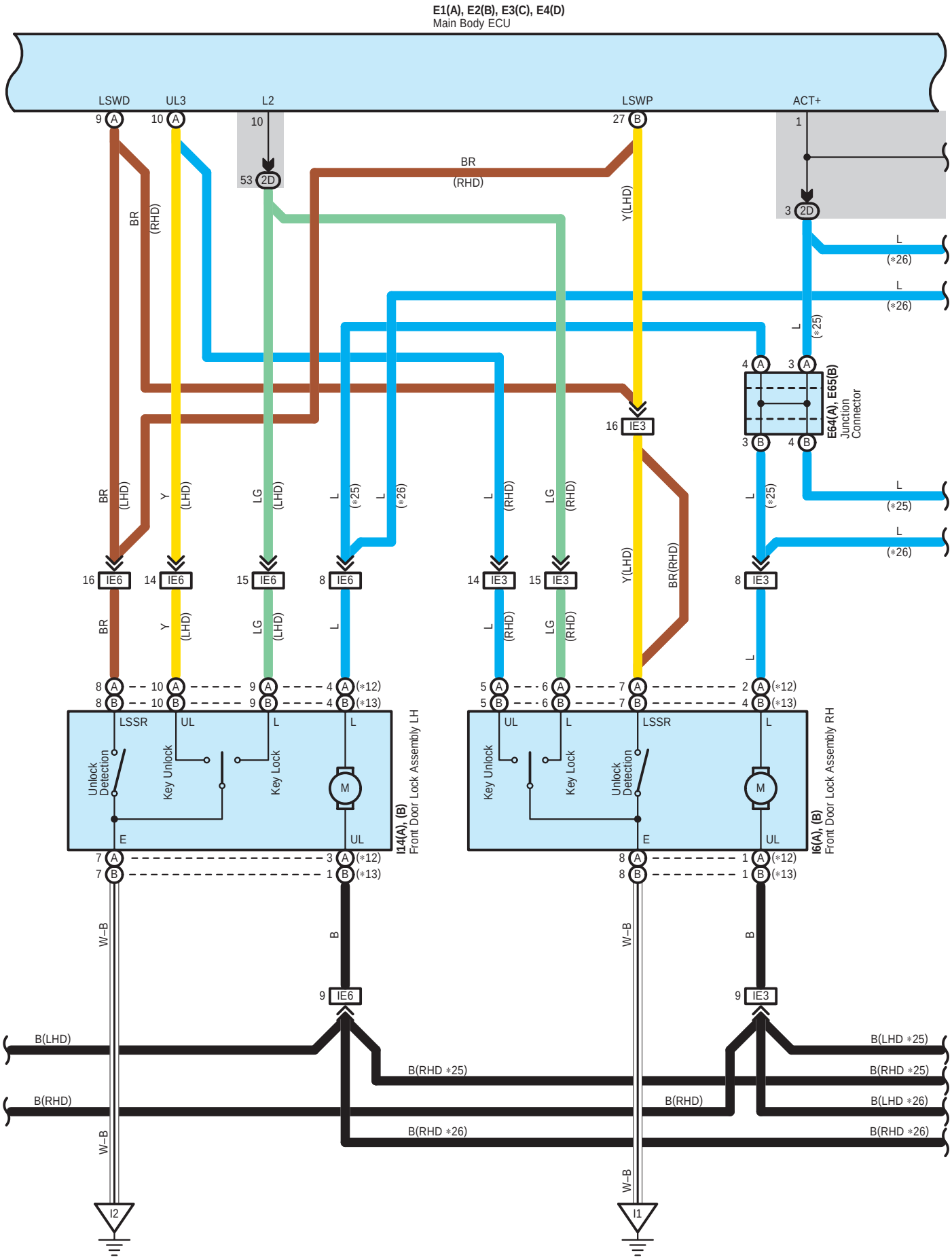

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
CANP
CANN
R(RHD)
GR(RHD)
E76
Junction Connector
E73
Junction Connector
L29(A), L30(B)
Junction Connector
CANH
CANL
TSW5
E29(A), E30(B)
Certification ECU Assembly
TSW4 SEL4 SEN4 CLG4 CG4B(LHD)
TSW3 SEL3 SEN3 CLG3 CG3B(RHD)
z25
Rear Door Outside Handle Assembly RH
TRG+
TRG–
ANT2
ANT1
SGT
SEL
SENS
CLG
CLGB
B
GND
z26
Rear Door Electrical Key Oscillator RH
L1

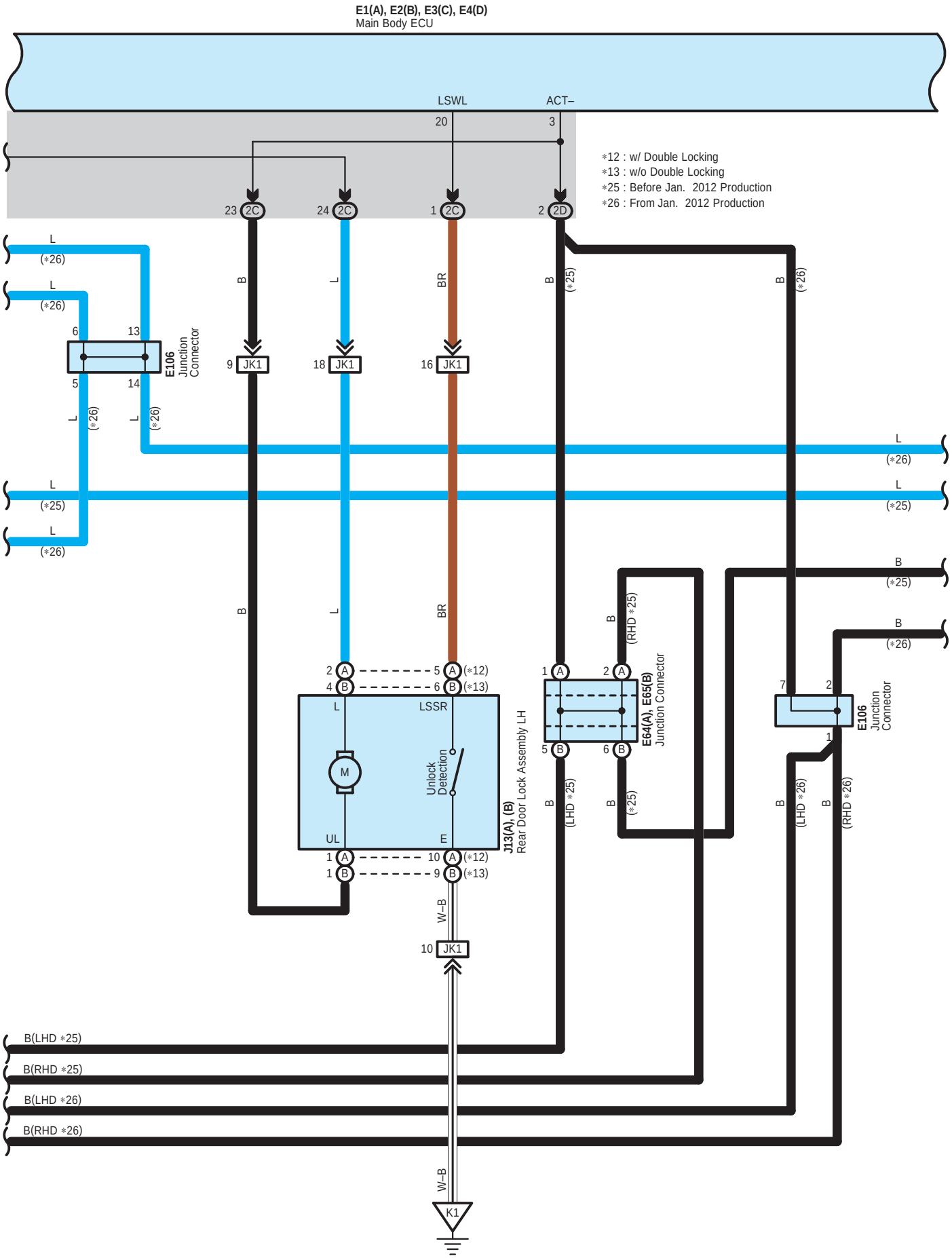

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
BDSU
26 A
(BAT)
5A
ECU–B1
2
1
L
R–L
13 2B
14 2D
R
86 A
E59(A) Junction Connector
76 A
46 A
5 A
6 A
R
R
R
R
R
R
∗23 : 9 Seater
∗24 : Except 9 Seater
∗25 : Before Jan. 2012 Production
∗26 : From Jan. 2012 Production
L
38 EK2
L
14 SK2
L
L
(∗24 ∗25, ∗26)
13 SK2
L
L
(∗23 ∗25)
1
3
2
UL
B
B
Lock
Open
Open
E
L
S7 Back Door Opener Switch Assembly
S19 Power Back Door Main Switch
1
2
W–B
(∗26)
W–B
(∗25)
W–B
(∗23 ∗25)
10
4
S16 Junction Connector
1
W–B
(∗25)
12
5
S15 Junction Connector
4
L
(∗25)
LA–L
(∗26)
5 SK1
W–B
K2

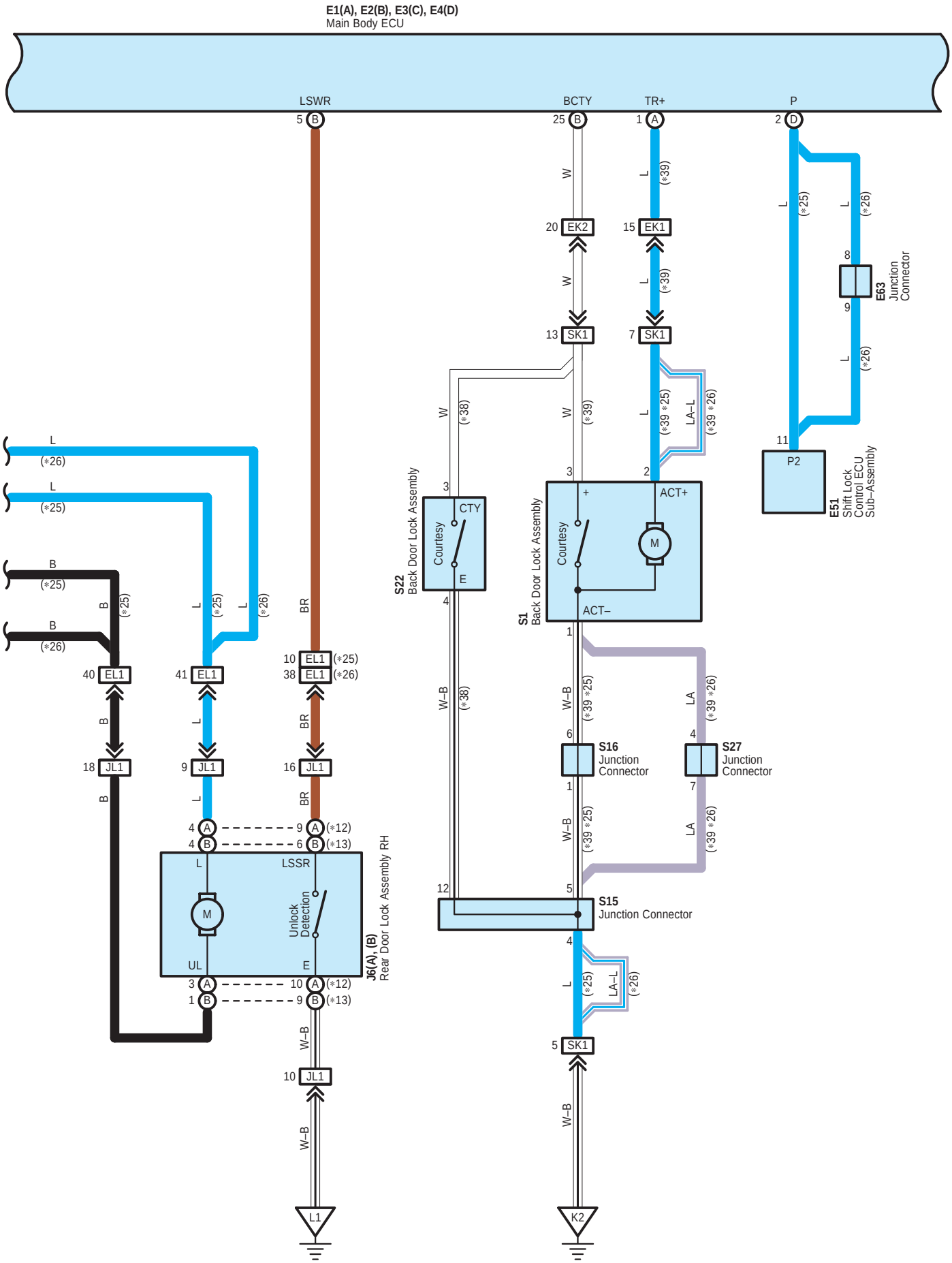

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
ILE
21
51 2D
G
(BAT)
7. 5A
DOME2
2
1
R
R
(*9)
R
9
RE2
R
29
EA1
8 RE2
R
(*10)
G
(*9)
G
(*9)
R
(*11, *22)
R(*9)
G
(*8)
R
(*8)
1 A (*11)
7 B (*22)
1
B
R15
No. 3 Room Light Assembly
DL
DB
L
B
CTY
E
R13
No. 1 Room Light Assembly
CTY
+B3
ILLB
RILL
Dome Light
R7
Overhead Module
B
Dome Light
CTY
R10(B), R12(A)
No. 1 Room Light
Assembly
3 A (*11)
8 B (*22)
B
CTY
R4
No. 2 Room Light Assembly
W–B
(*9)
W–B
(*9)
11 RE2
G
(*11, *22)
G
(*10)
W–B
(*9)
3
E62
Junction Connector
1
W–B
(*9)
E1

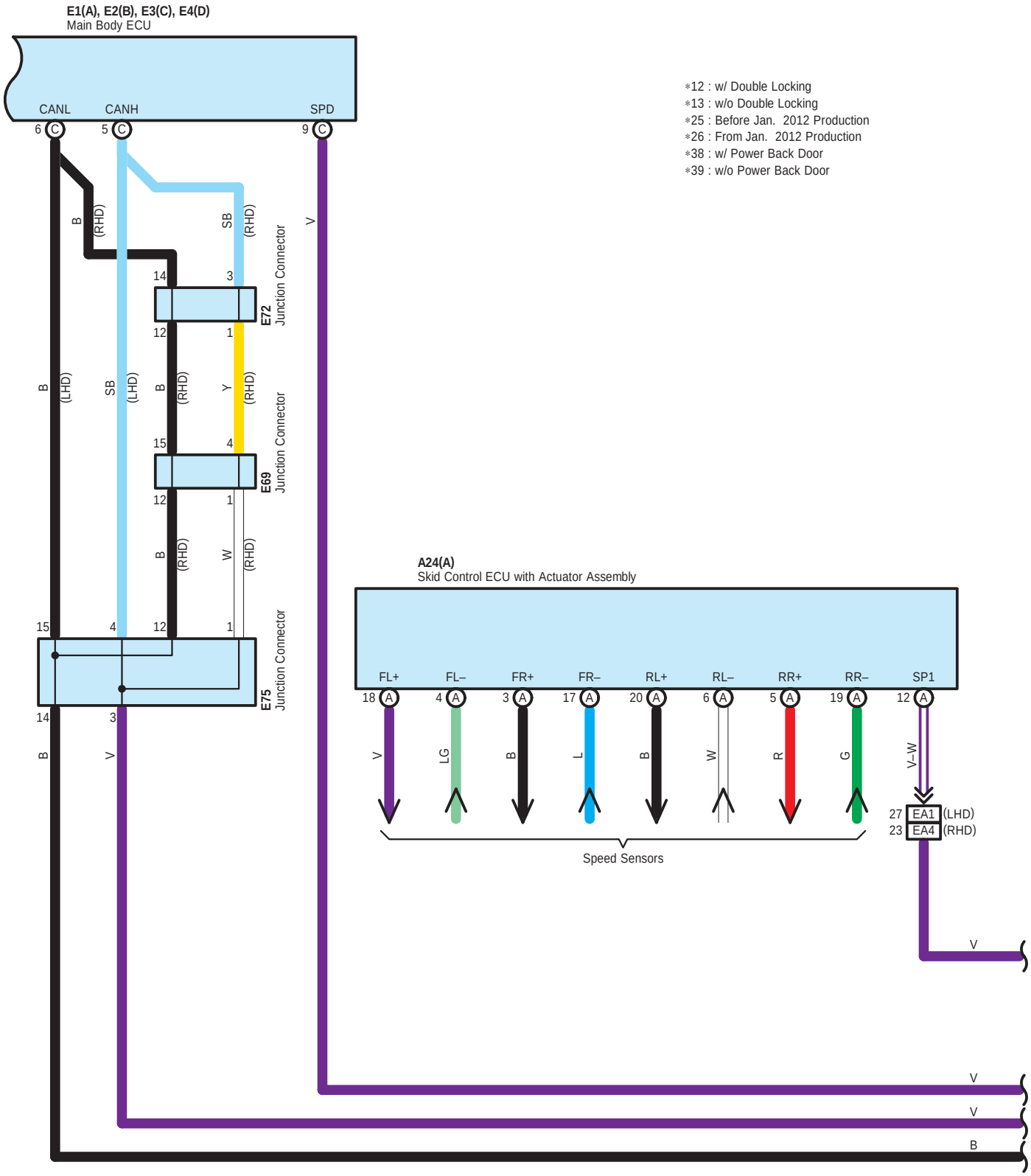


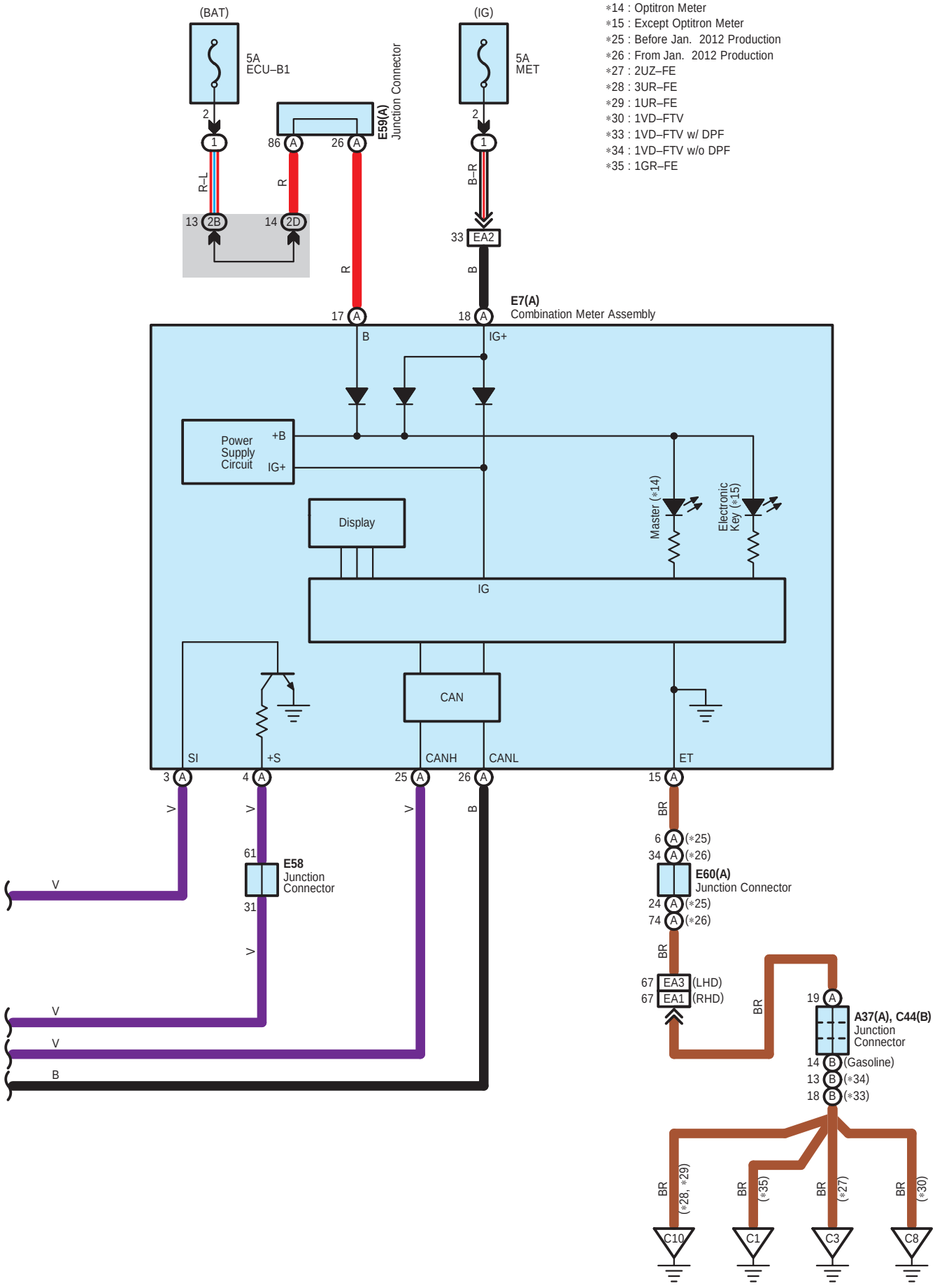
∗ 8 : w/ Overhead Module
∗ 9 : w/o Overhead Module
∗10 : w/ Overhead Module w/ Sliding Roof w/o Rear Seat Entertainment System
∗11 : w/ Overhead Module w/o Sliding Roof
∗22 : w/ Overhead Module w/ Sliding Roof w/ Rear Seat Entertainment System
∗25 : Before Jan. 2012 Production
∗26 : From Jan. 2012 Production


E1(A), E2(B), E3(C), E4(D)
Main Body ECU
LSWD
UL3
L2
LSWP
ACT+
BR (RHD)
Y (LHD)
L (*26)
L (*25)
E64(A), E65(B) Junction Connector
IE6
IE3
LSSR
UL
Unlock Detection
Key Unlock
Key Lock
M
I14(A), (B) Front Door Lock Assembly LH
I6(A), (B) Front Door Lock Assembly RH
W–B
B
B(LHD)
B(RHD)
B(RHD *25)
B(RHD *26)
B(LHD *25)
B(LHD *26)
I2
I1

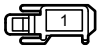

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
LSWL
ACT–
20
3
∗12 : w/ Double Locking
∗13 : w/o Double Locking
∗25 : Before Jan. 2012 Production
∗26 : From Jan. 2012 Production
23 2C
24 2C
1 2C
2 2D
E106 Junction Connector
9 JK1
18 JK1
16 JK1
10 JK1
J13(A), (B) Rear Door Lock Assembly LH
LSSR
Unlock Detection
M
UL
E
E64(A), E65(B) Junction Connector
E106 Junction Connector
B(LHD ∗25)
B(RHD ∗25)
B(LHD ∗26)
B(RHD ∗26)
K1


E1(A), E2(B), E3(C), E4(D)
Main Body ECU
LSWR
BCTY
TR+
P
5 B
25 B
1 A
2 D
20 EK2
15 EK1
13 SK1
7 SK1
11 P2
E63 Junction Connector
E51 Shift Lock Control ECU Sub-Assembly
S22 Back Door Lock Assembly
S1 Back Door Lock Assembly
CTY
Courtesy
ACT+
ACT–
M
S16 Junction Connector
S27 Junction Connector
S15 Junction Connector
40 EL1
41 EL1
10 EL1
38 EL1
18 JL1
9 JL1
16 JL1
10 JL1
LSSR
Unlock Detection
UL
E
J6(A), (B) Rear Door Lock Assembly RH
5 SK1
L1
K2


E1(A), E2(B), E3(C), E4(D)
Main Body ECU
CANL
CANH
SPD
6 C
5 C
9 C
∗12 : w/ Double Locking
∗13 : w/o Double Locking
∗25 : Before Jan. 2012 Production
∗26 : From Jan. 2012 Production
∗38 : w/ Power Back Door
∗39 : w/o Power Back Door
B (RHD)
SB (RHD)
V
14
3
E72
Junction Connector
12
1
B (LHD)
SB (LHD)
B (RHD)
Y (RHD)
15
4
E69
Junction Connector
12
1
B (RHD)
W (RHD)
15
4
12
1
E75
Junction Connector
14
3
B
V
A24(A)
Skid Control ECU with Actuator Assembly
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
SP1
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
12 A
V
LG
B
L
B
W
R
G
V–W
27 EA1 (LHD)
23 EA4 (RHD)
Speed Sensors
V
V
V
B


∗14 : Optitron Meter
∗15 : Except Optitron Meter
∗25 : Before Jan. 2012 Production
∗26 : From Jan. 2012 Production
∗27 : 2UZ–FE
∗28 : 3UR–FE
∗29 : 1UR–FE
∗30 : 1VD–FTV
∗33 : 1VD–FTV w/ DPF
∗34 : 1VD–FTV w/o DPF
∗35 : 1GR–FE
(BAT)
5A ECU–B1
(IG)
5A MET
E59(A) Junction Connector
E7(A) Combination Meter Assembly
Power Supply Circuit
+B
IG+
Display
IG
Master (∗14)
Electronic Key (∗15)
CAN
SI
+S
CANH
CANL
ET
E58 Junction Connector
E60(A) Junction Connector
A37(A), C44(B) Junction Connector
(LHD)
(RHD)
(Gasoline)
(∗25)
(∗26)
(∗33)
(∗34)
(∗28, ∗29)
(∗35)
(∗27)
(∗30)
C10
C1
C3
C8

A 4
Black



A 5
Black



A 8
Black



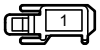
(Except U.K.)

A 8
Dark Gray

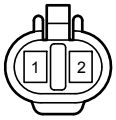


(U.K.)

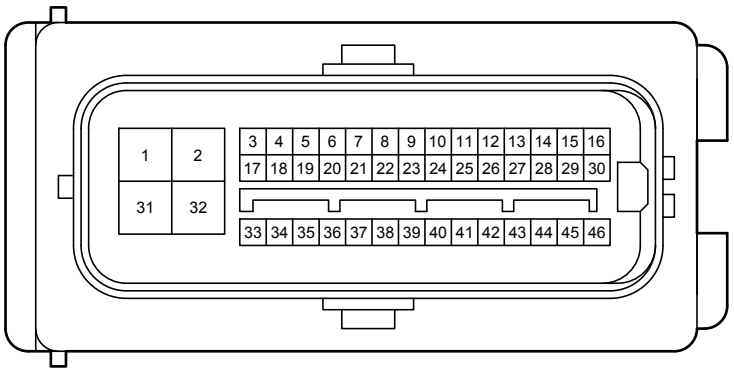
A 19
Black



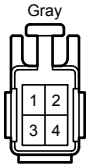
A 20
Black



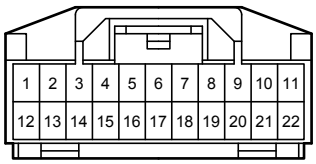
A 24
Black



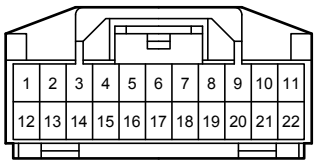
A 30
Gray



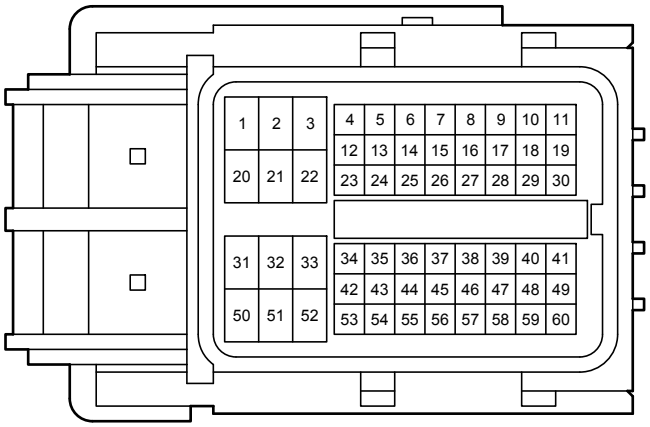
A 34
White



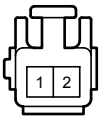
A 37
Blue



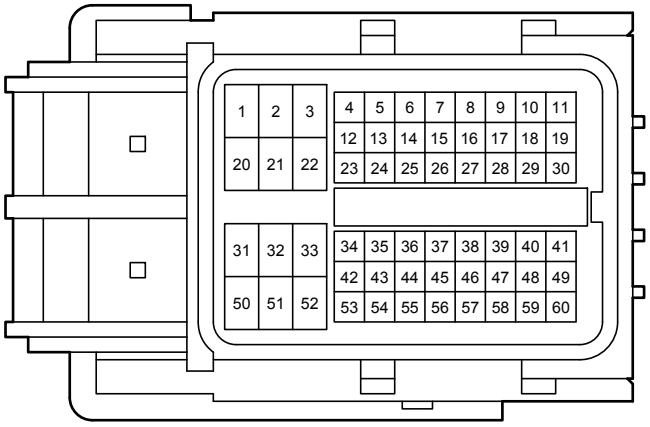
A 38
Black



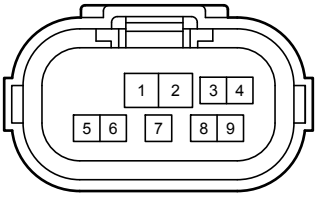
A 49
Black



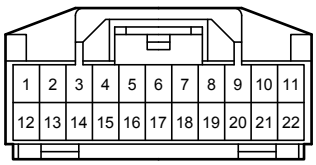
A 52
Black



C 24
Gray



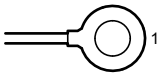
C 44
Blue



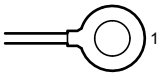
D 2
Black



D 3



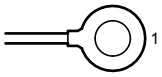
D 5



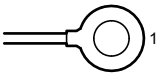
D 12
Black



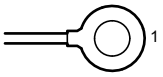
D 13



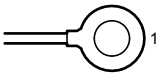
D 14



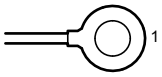
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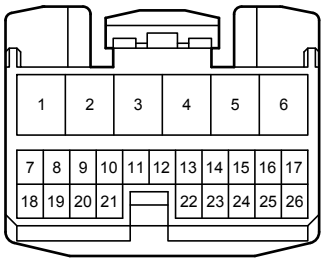
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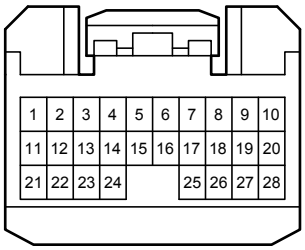
D 21



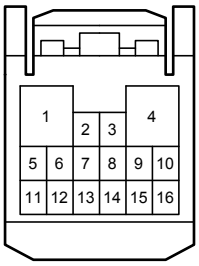
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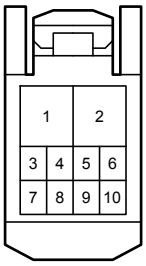
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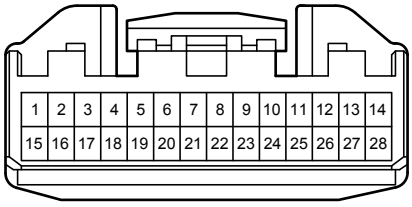
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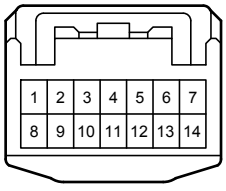
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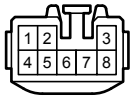
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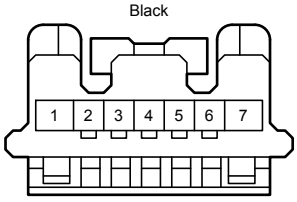
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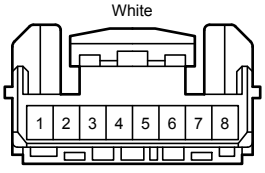
E 19
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E 26
Black

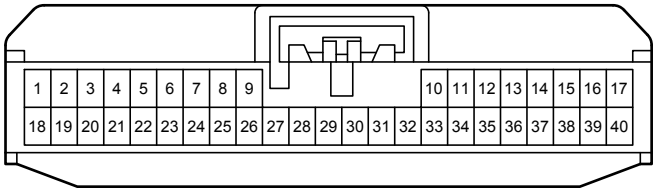


E 28
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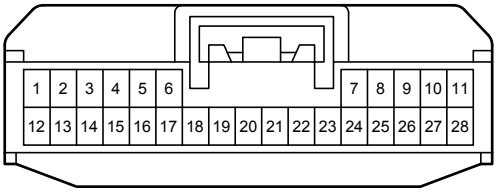
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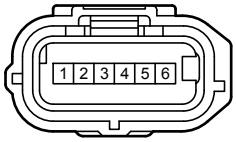
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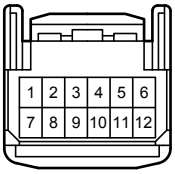
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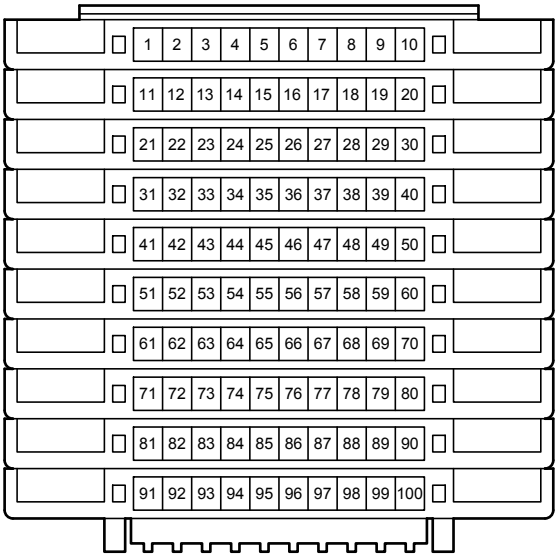


E 51

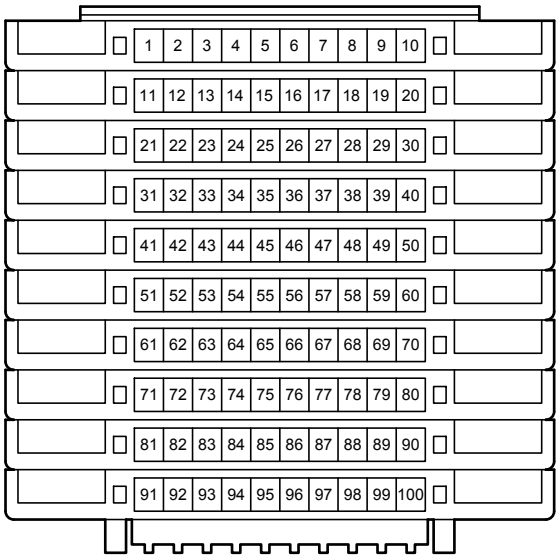
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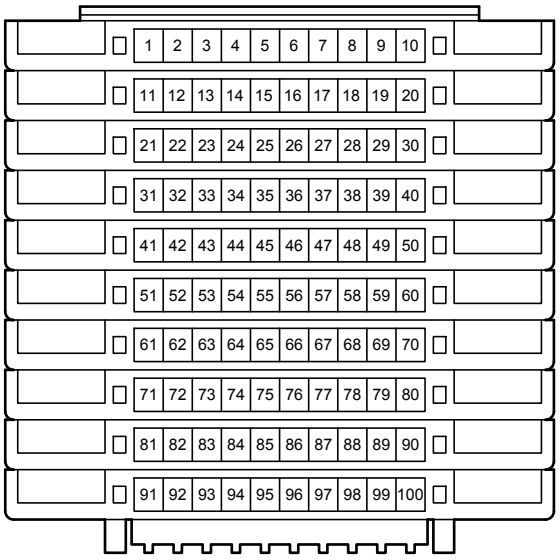
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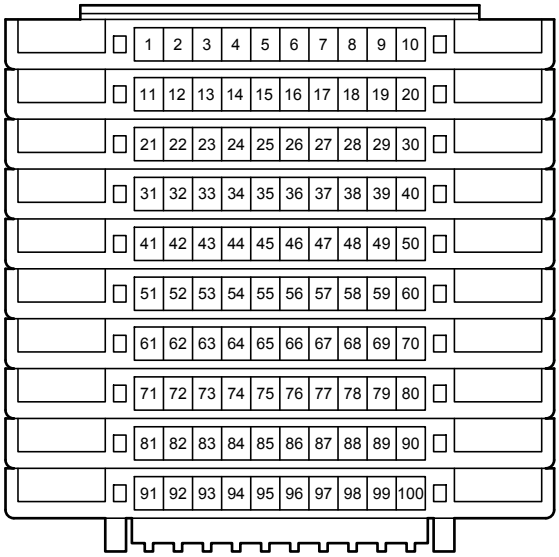
E 59



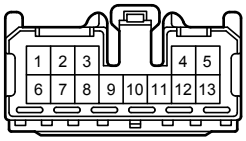
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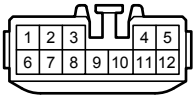
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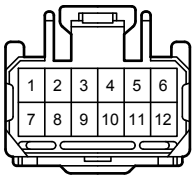
E 62
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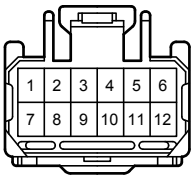
E 63
Gray



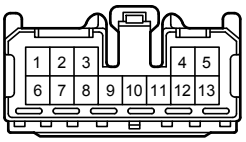
E 64
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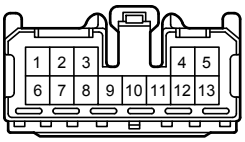
E 65
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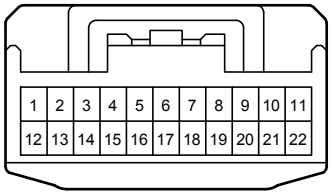
E 66
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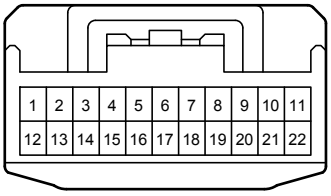
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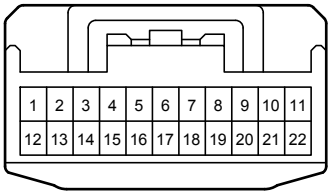
E 69
Gray



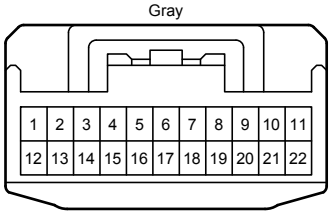
E 72
Gray



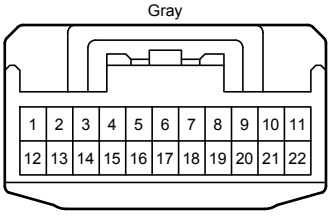
E 73
Gray



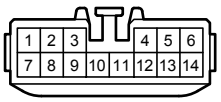
E 75
Gray



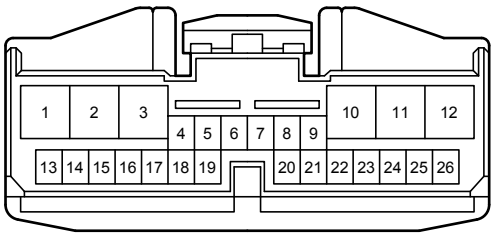
E 76
Gray



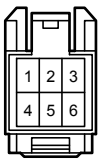
E106
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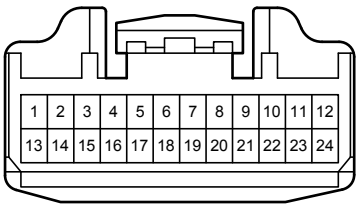
F 28
White



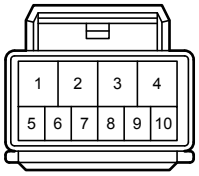
F 62
Blue



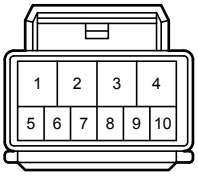
F 79
White



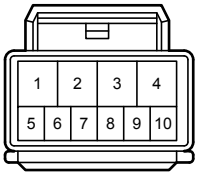
I 6
White



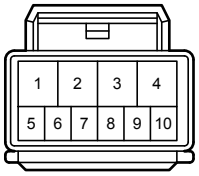
I 14
White



J 6
White



J 13
White



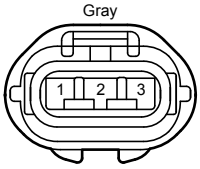
K 2
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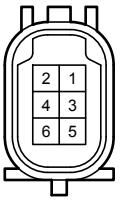
K 3
White



K 18
Gray



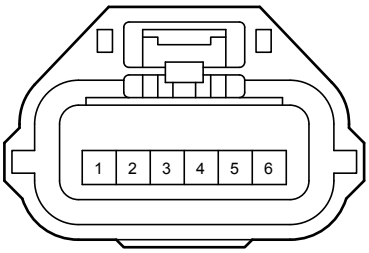
K 23
White



K 26
White



K 46
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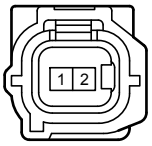
L 1
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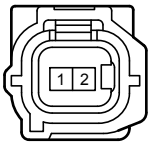
L 2
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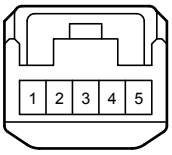
L 8
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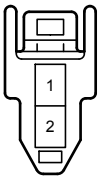
L 9
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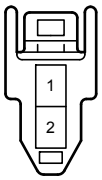
L 21
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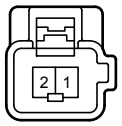
L 29
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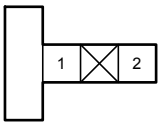
L 30
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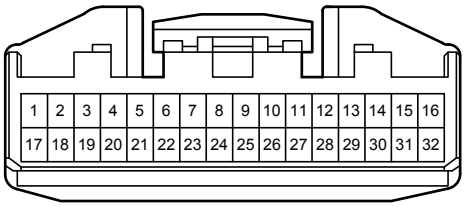
L 34
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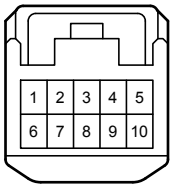
R 4
White



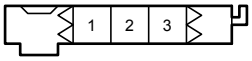
R 7
White



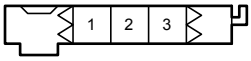
R 10
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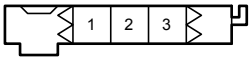
R 12
White



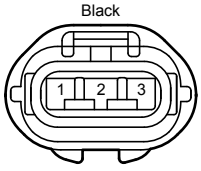
R 13
White



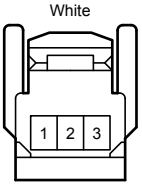
R 15
White



S 1
Black



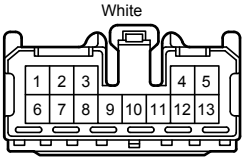
S 7
White



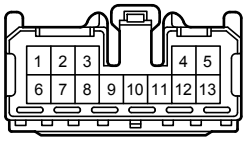
S 10
White



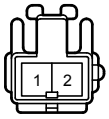
S 15
White



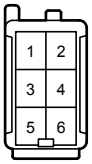
S 16
White



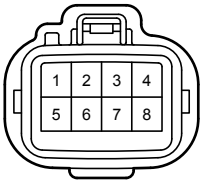
S 19
Blue



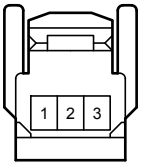
S 22
Black



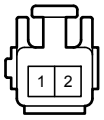
S 27
Dark Gray



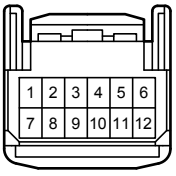
V 3
White



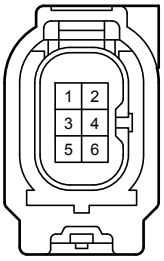
e 1
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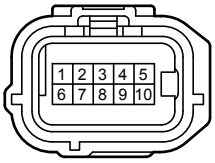
g 1
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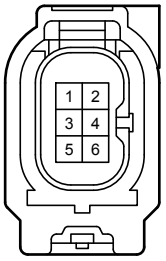
z 21
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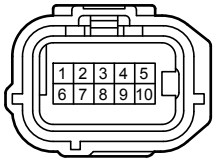
z 22
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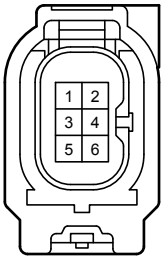
z 23
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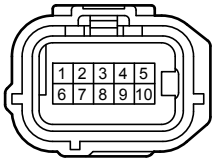
z 24
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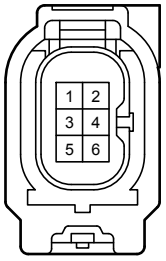
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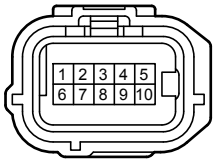
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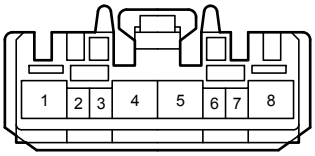
z 27
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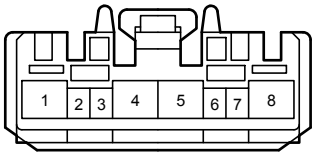
z 28
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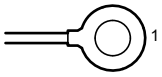
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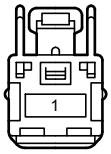
1B
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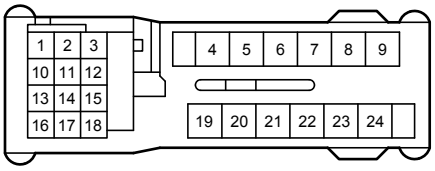
1I



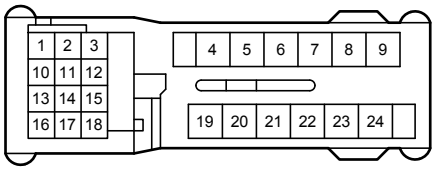
2A
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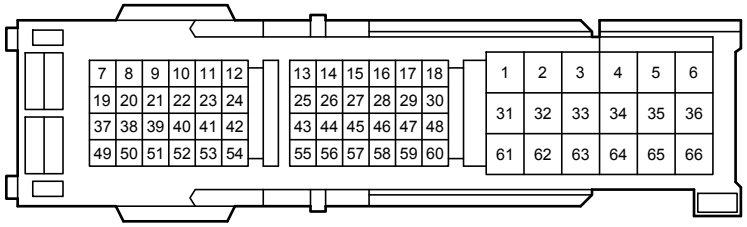
2B
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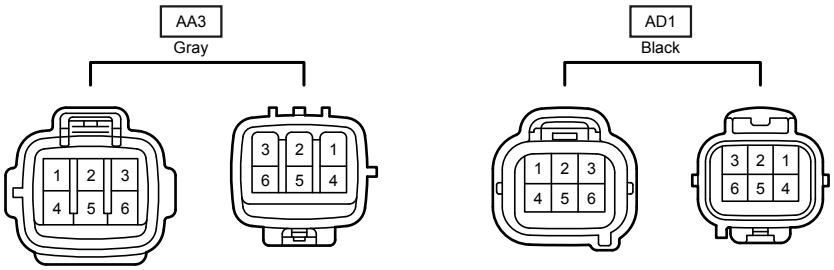


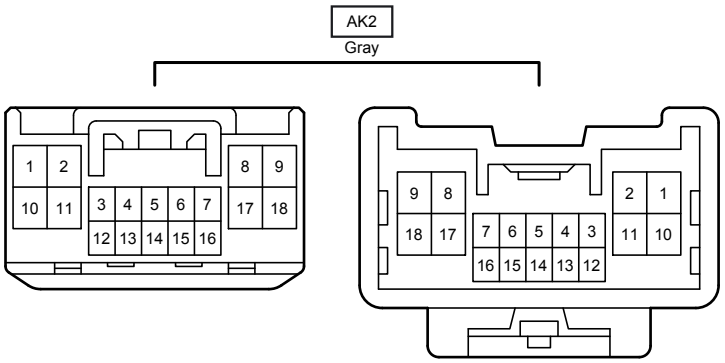
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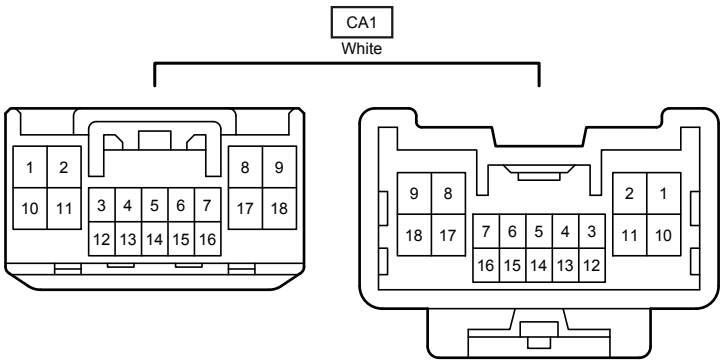


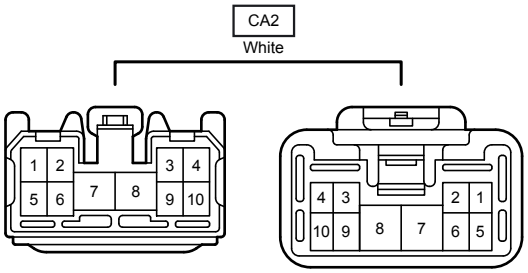
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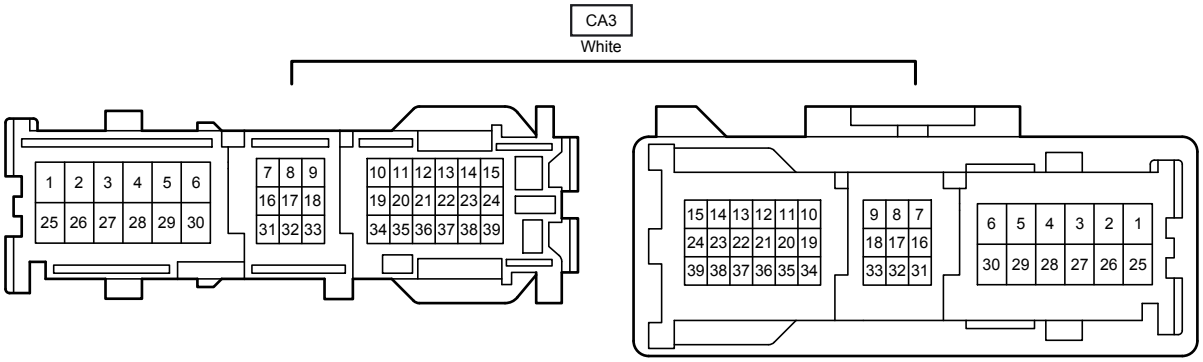


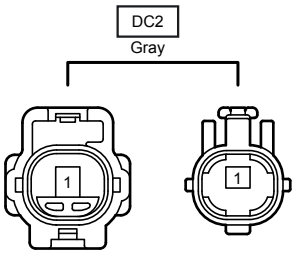

AA3
Gray
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3 2 1
6 5 4
AD1
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4 5 6
3 2 1
6 5 4

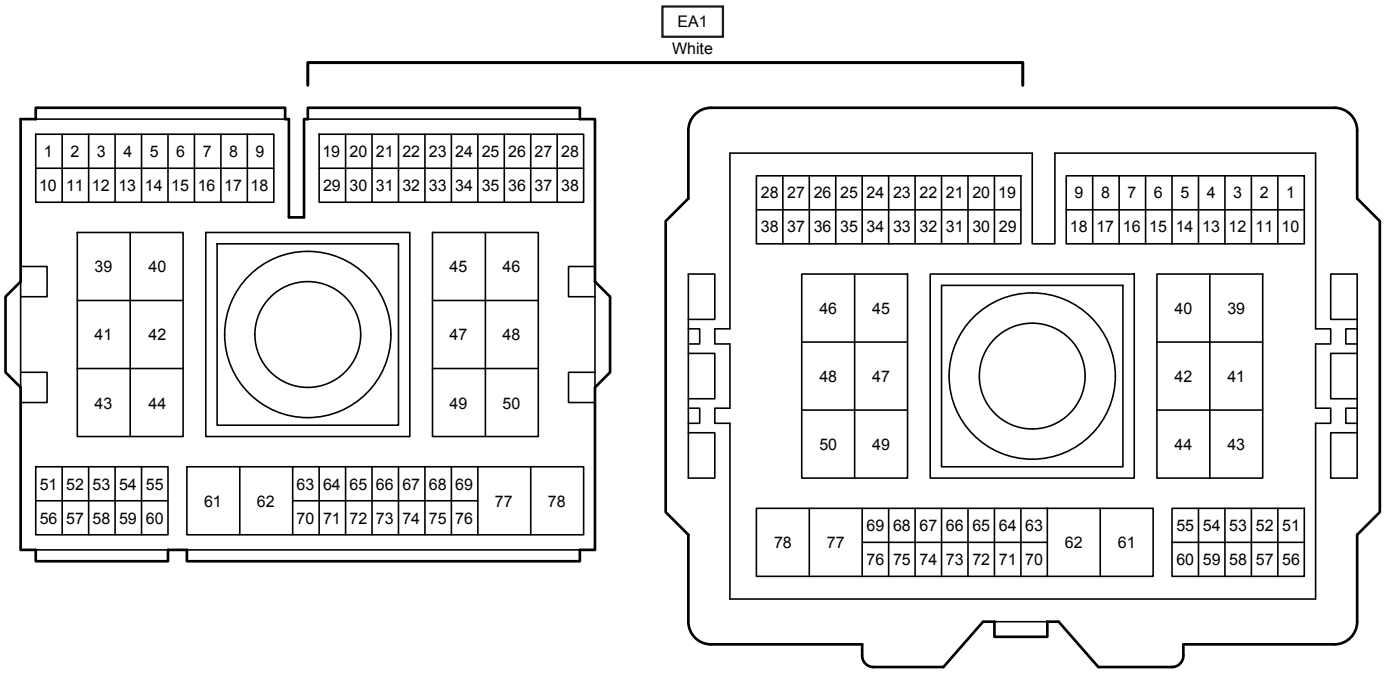

AK2
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18 17
7 6 5 4 3
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2 1
11 10

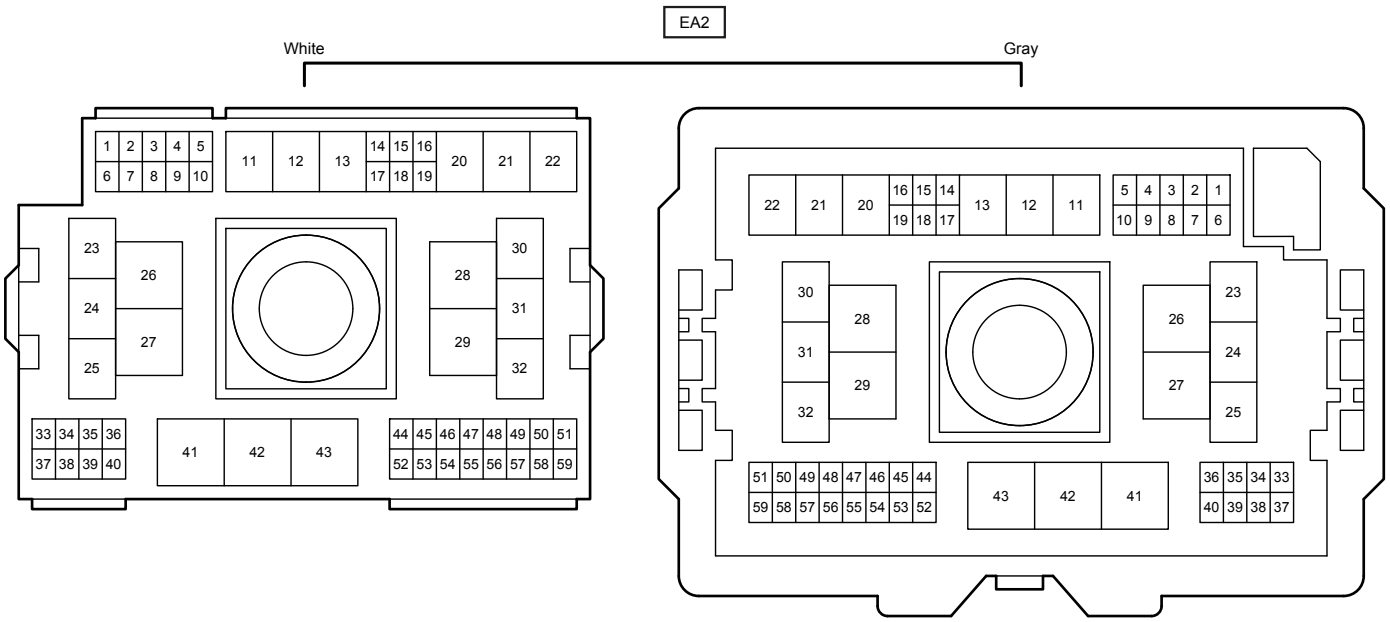

CA1
White
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8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10


CA2
White
1 2
5 6
7
8
3 4
9 10
4 3
10 9
8
7
2 1
6 5


CA3
White
1 2 3 4 5 6
25 26 27 28 29 30
7 8 9
16 17 18
31 32 33
10 11 12 13 14 15
19 20 21 22 23 24
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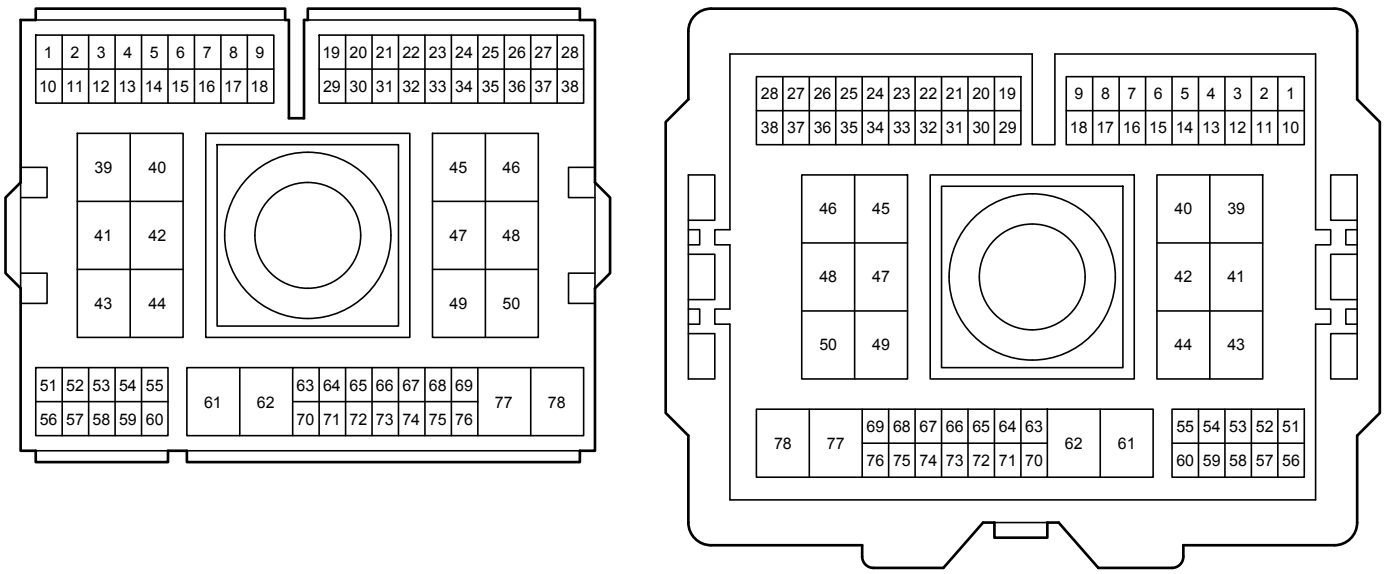

DC2
Gray
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1


EA1
White
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39 40
41 42
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47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
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18 17 16 15 14 13 12 11 10
46 45
48 47
50 49
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44 43
78 77
69 68 67 66 65 64 63
76 75 74 73 72 71 70
62 61
55 54 53 52 51
60 59 58 57 56


EA2
White
Gray
1 2 3 4 5
6 7 8 9 10
11 12 13
14 15 16
17 18 19
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19 18 17
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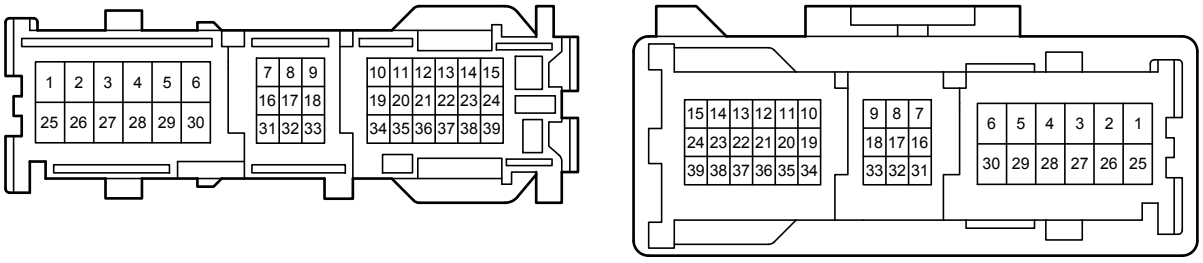
EA3

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EA4

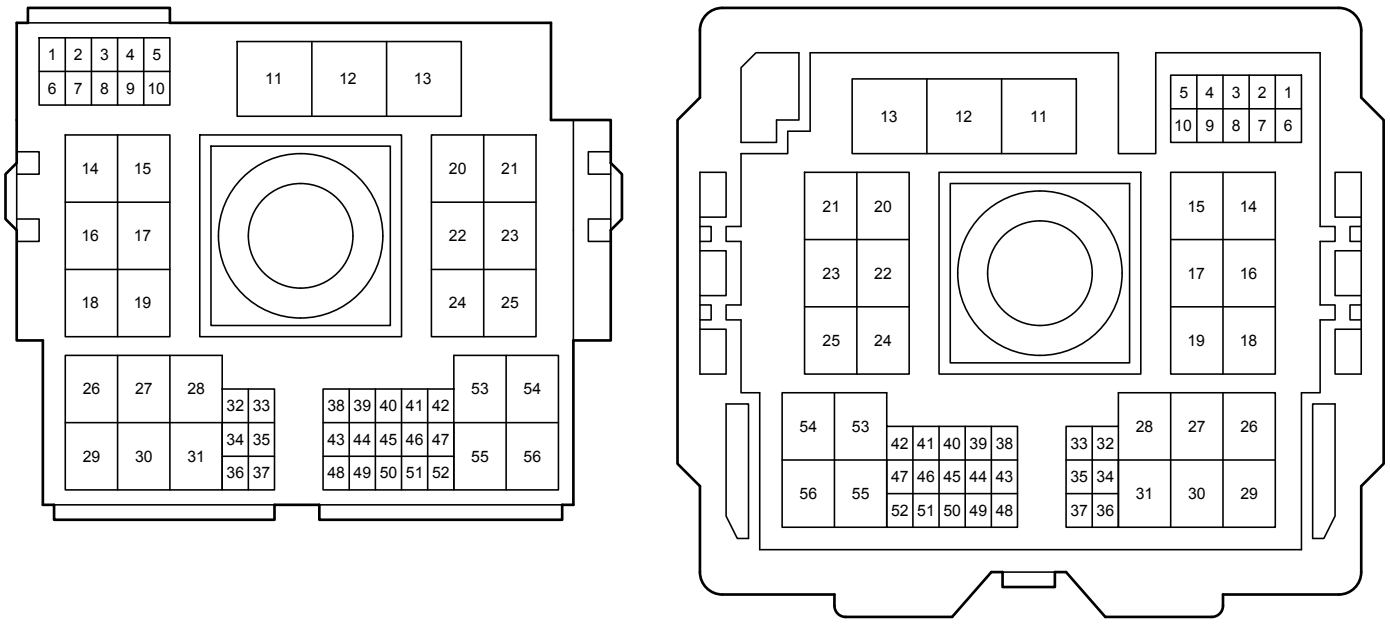
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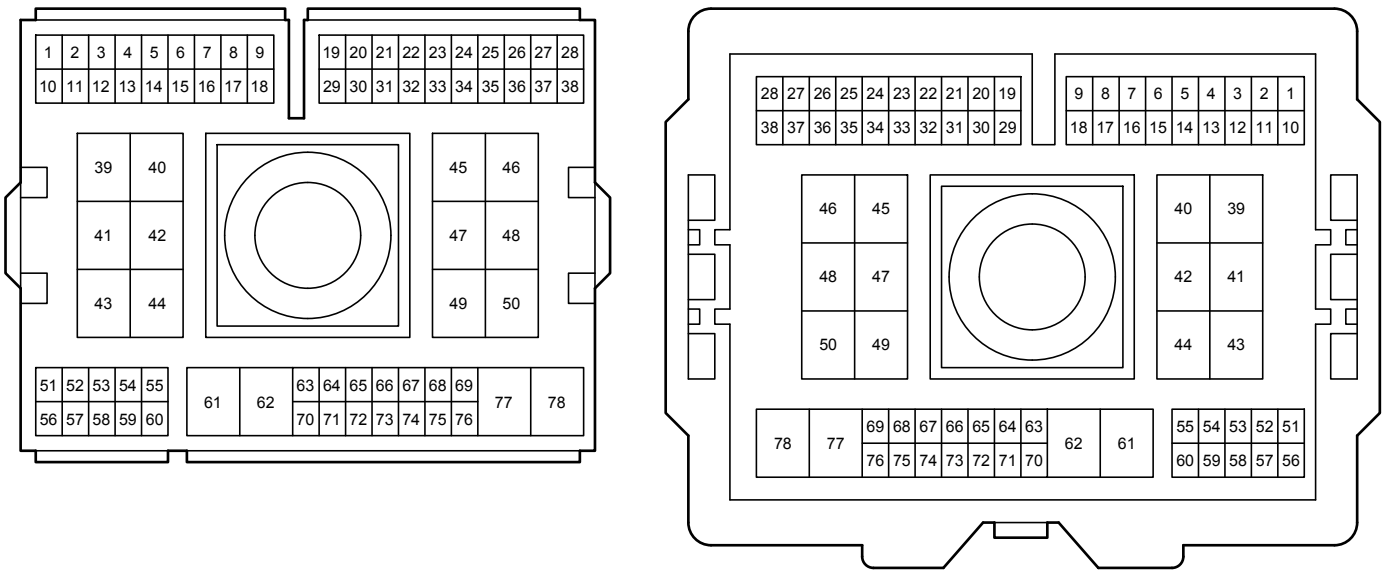
EK1

White

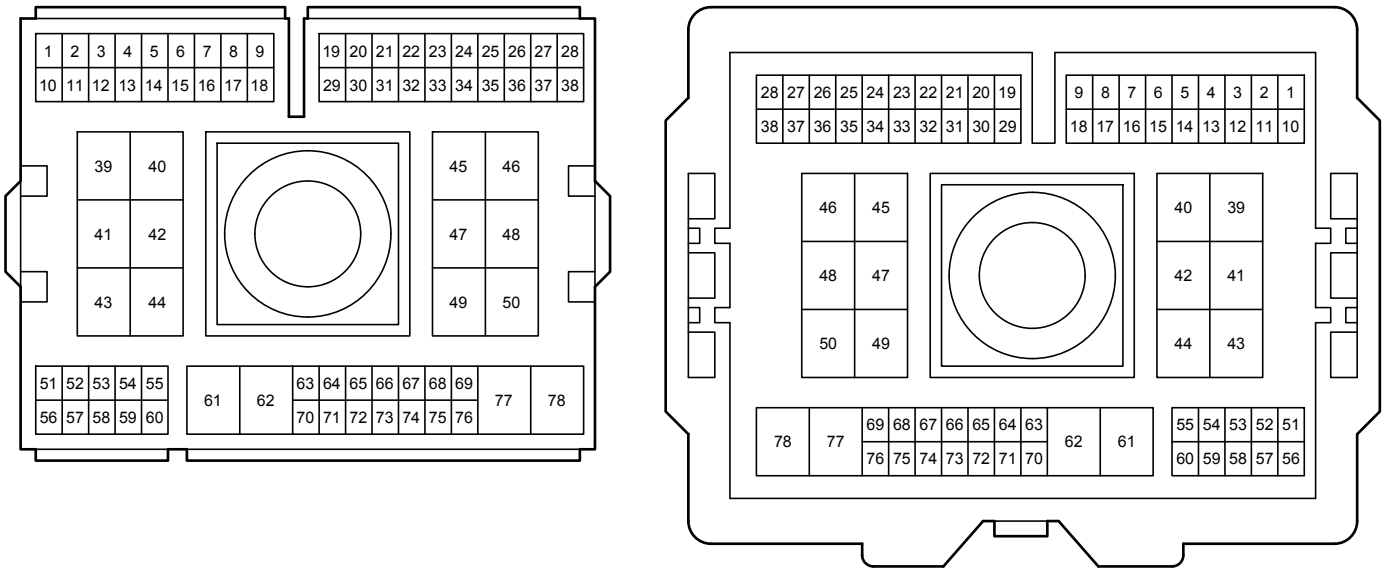
Blue



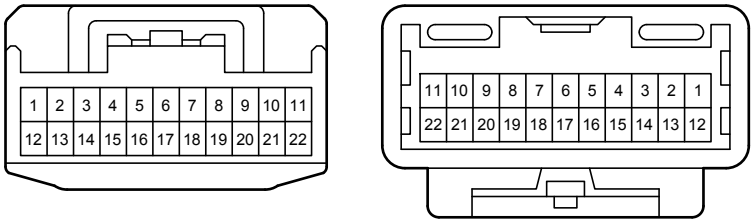
EK2
White



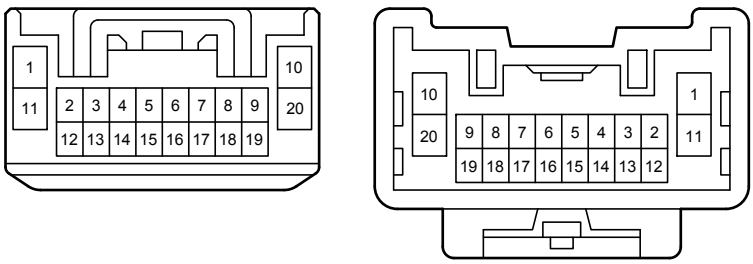
EL1
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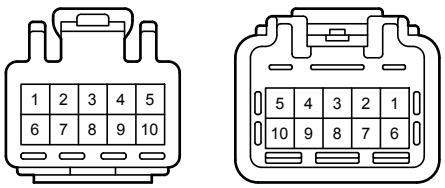
FE3
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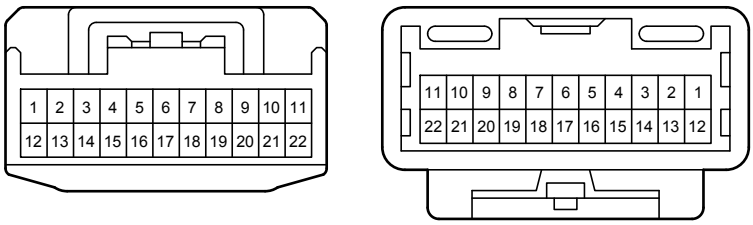
FE4
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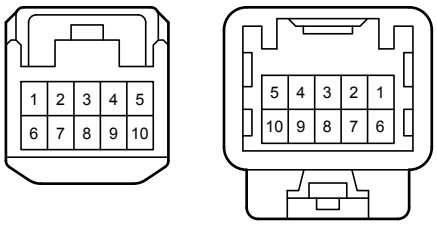
FE5
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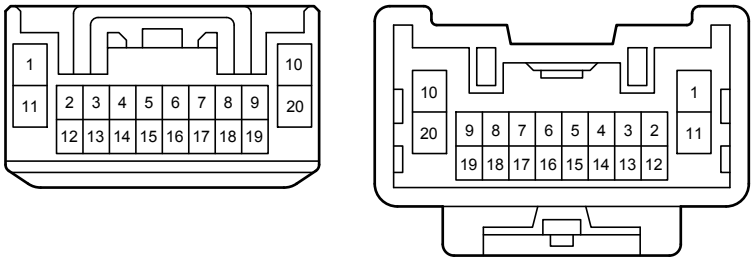
FL2
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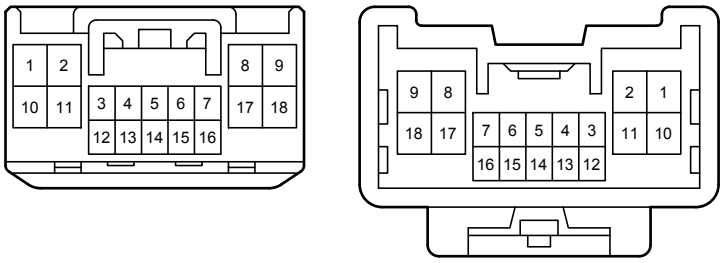
Fg1
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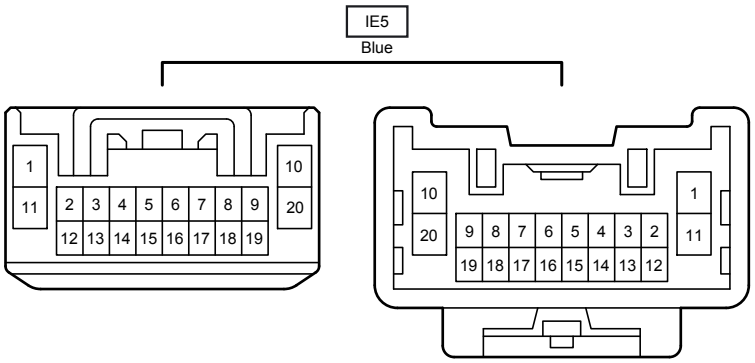


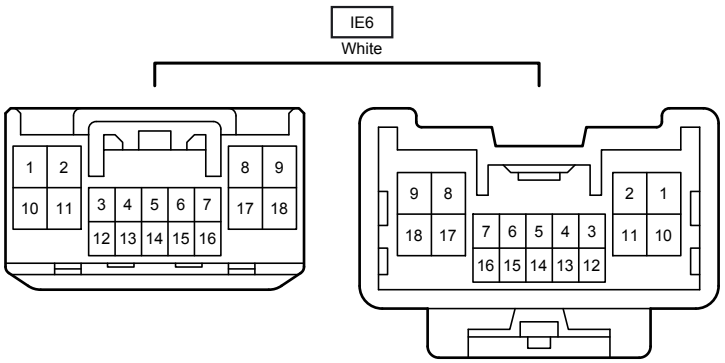
IE2
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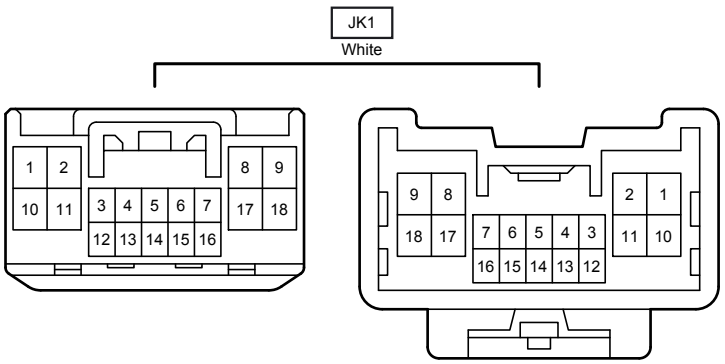


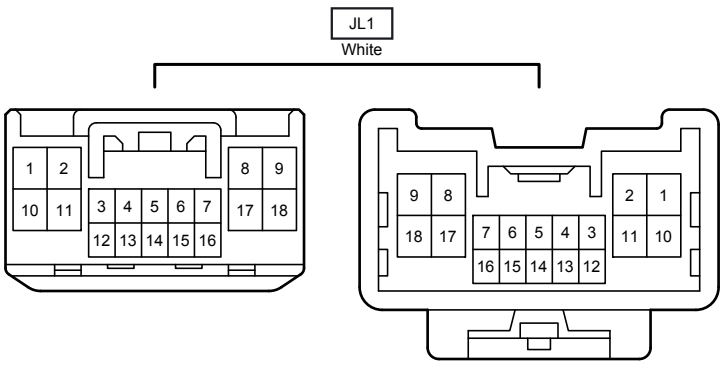
IE3
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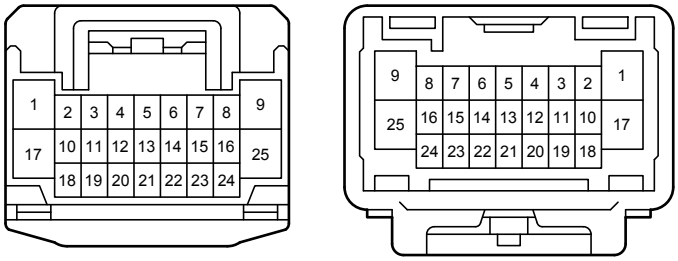

IE5
Blue
1
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20
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20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11


IE6
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7 6 5 4 3
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2 1
11 10

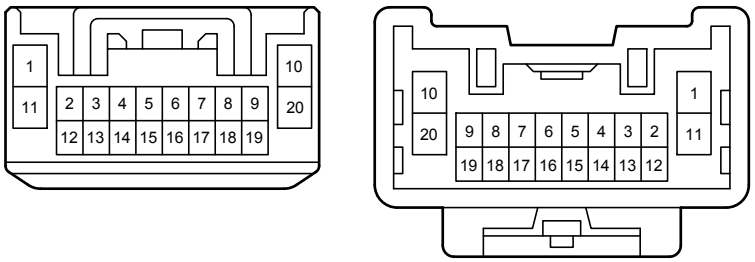

JK1
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2 1
11 10


JL1
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2 1
11 10

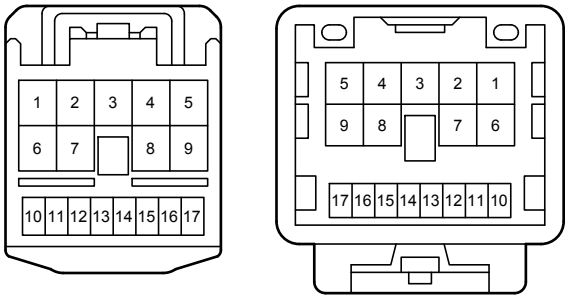
KL1
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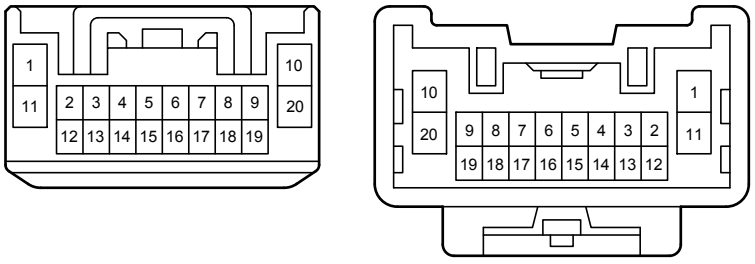
RE2
Blue



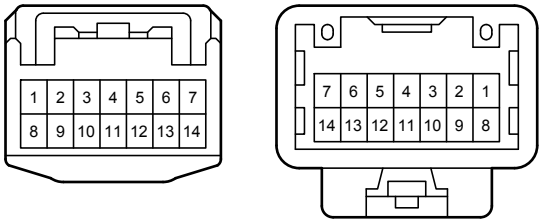
SK1
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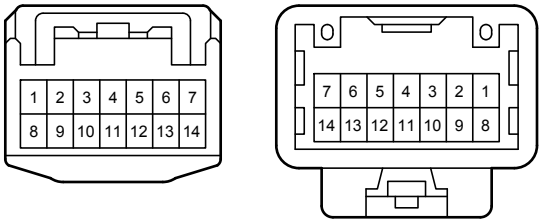
SK2
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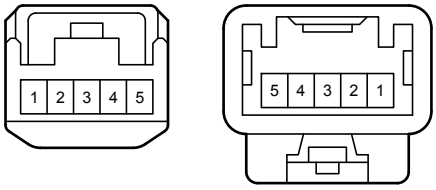
VE1
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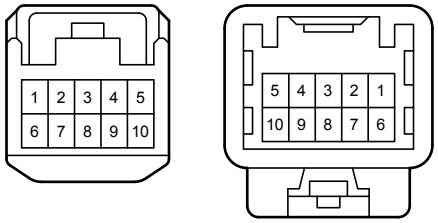
VE3
Gray



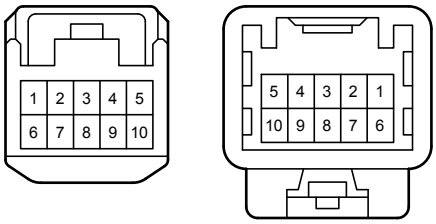
eA1
White



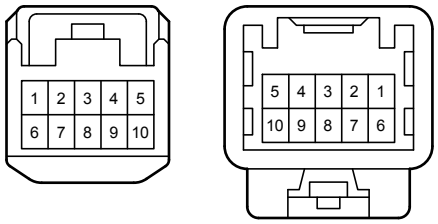
gF1
Black



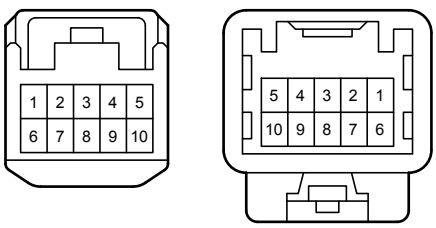
zI1
Blue



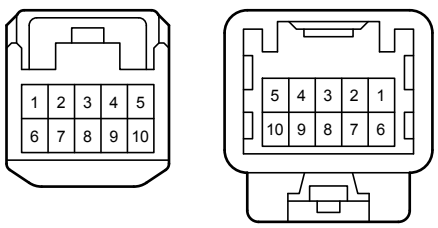
zI2
Blue

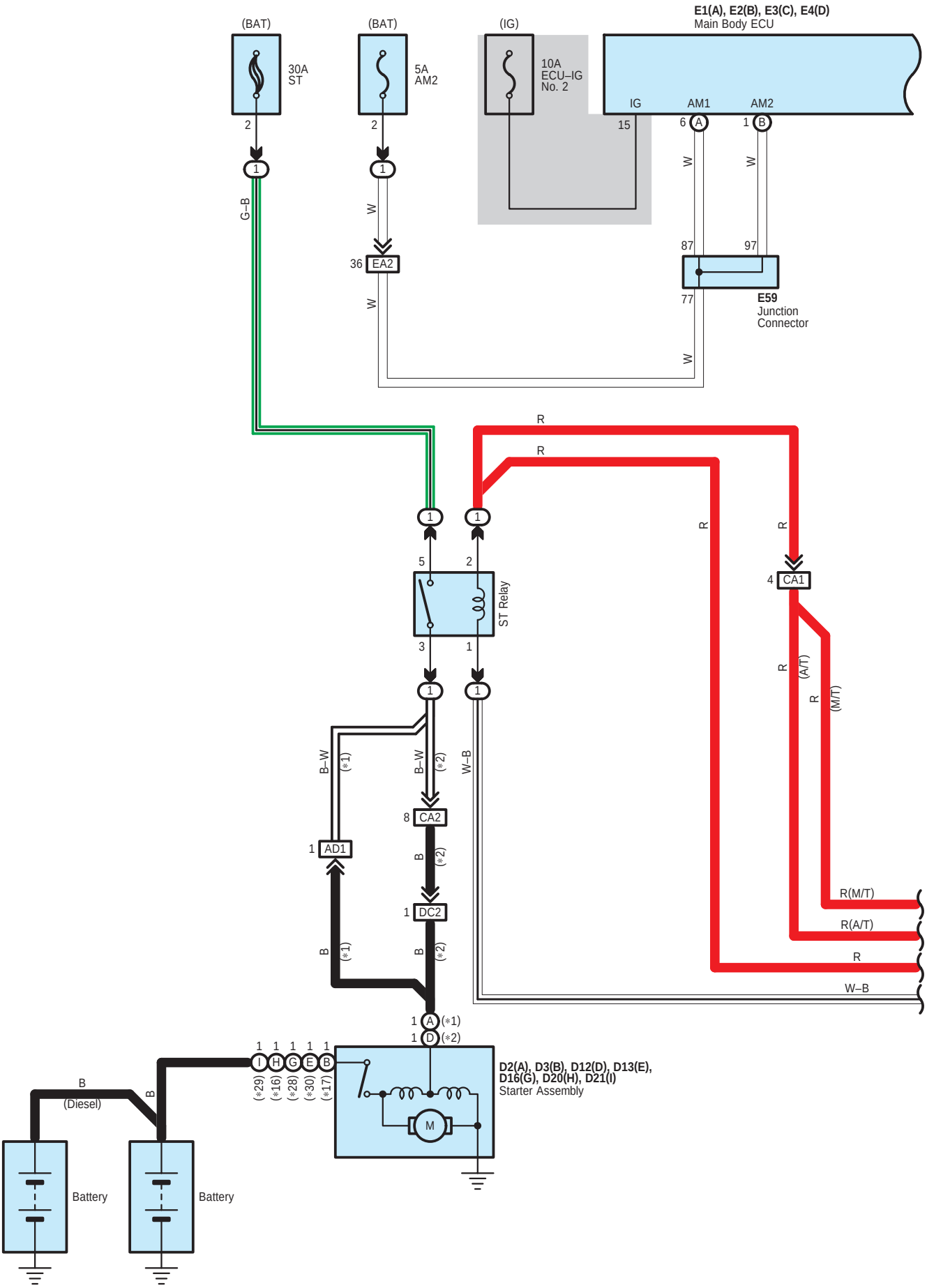


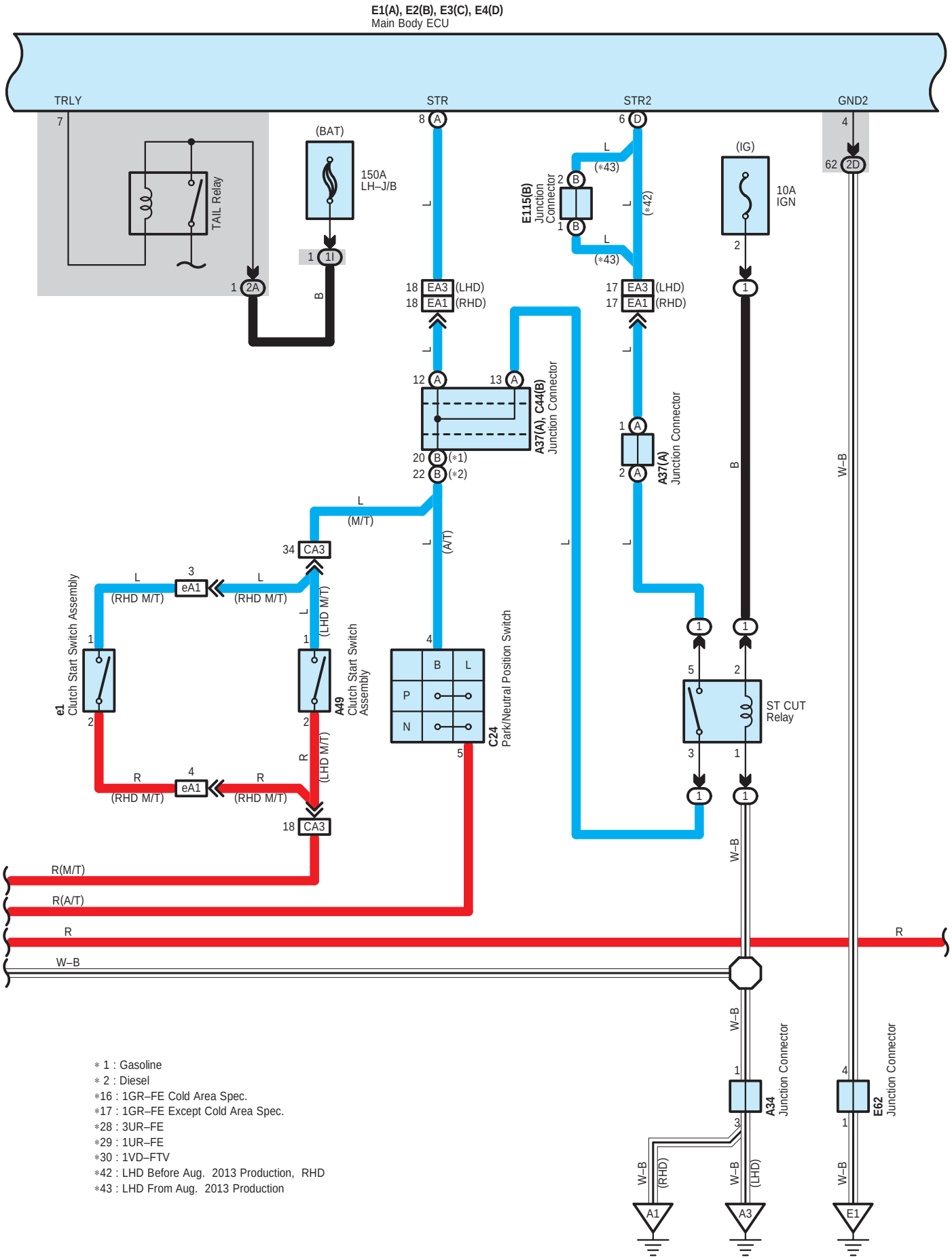
zJ1
Blue

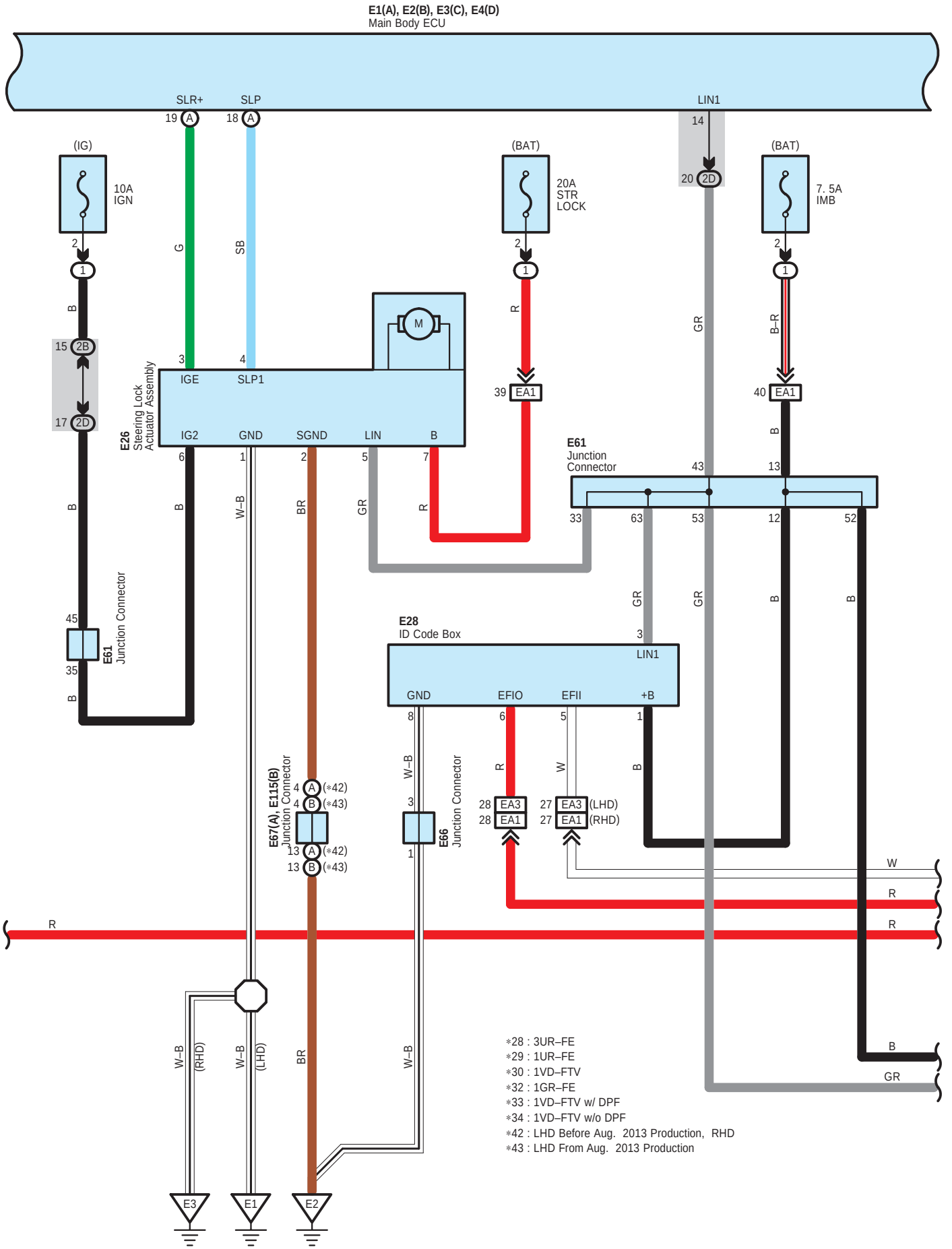


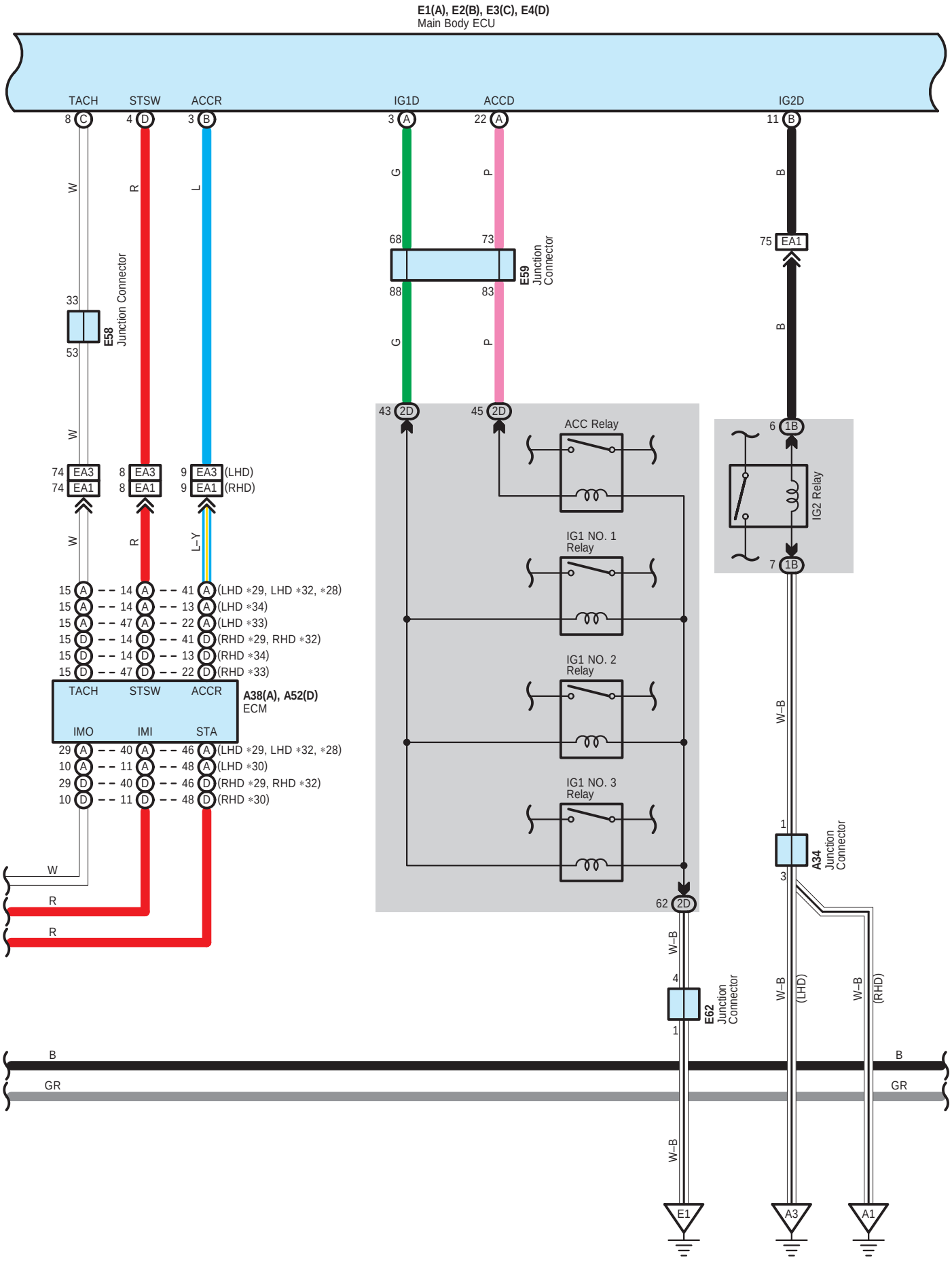
zJ2
Blue

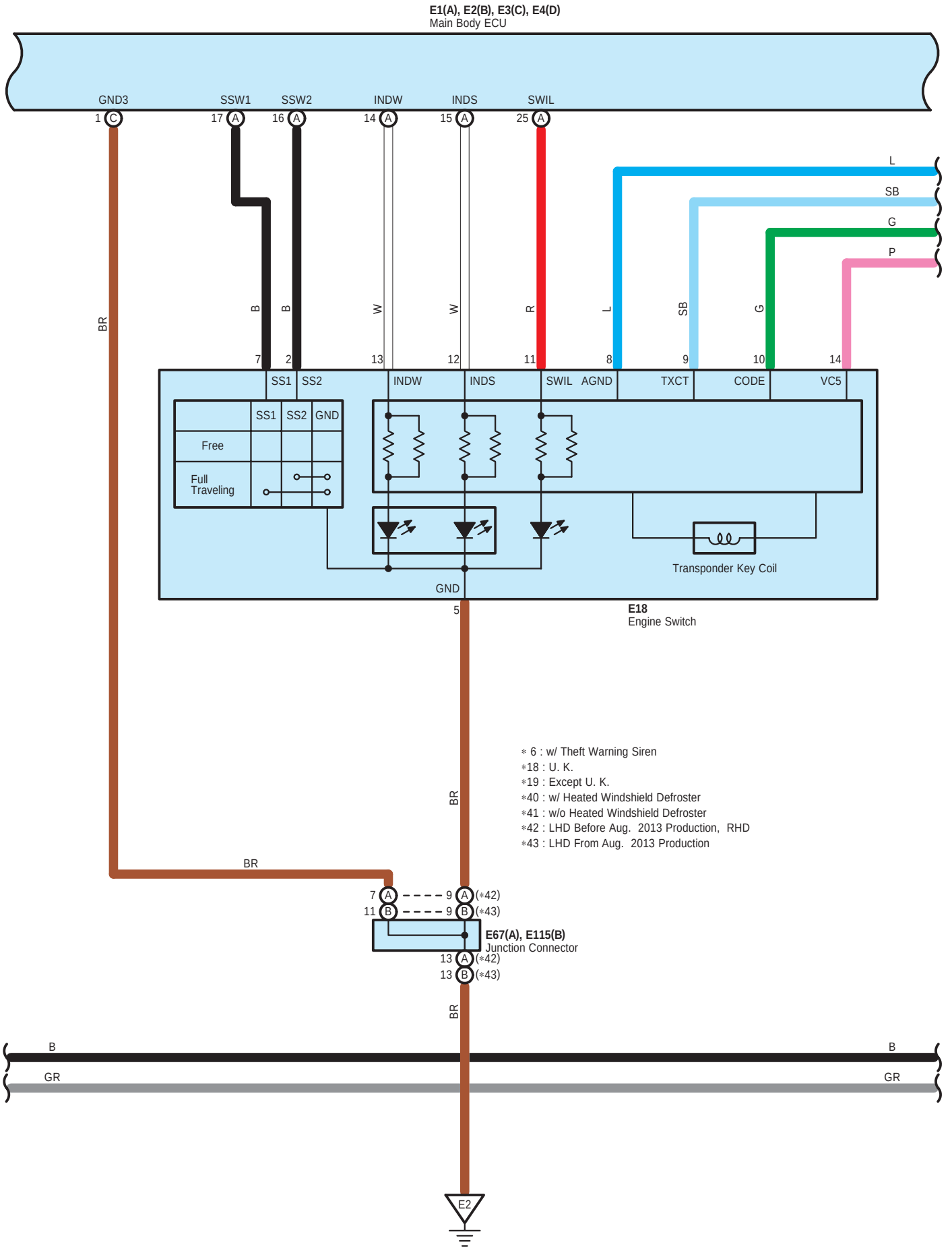


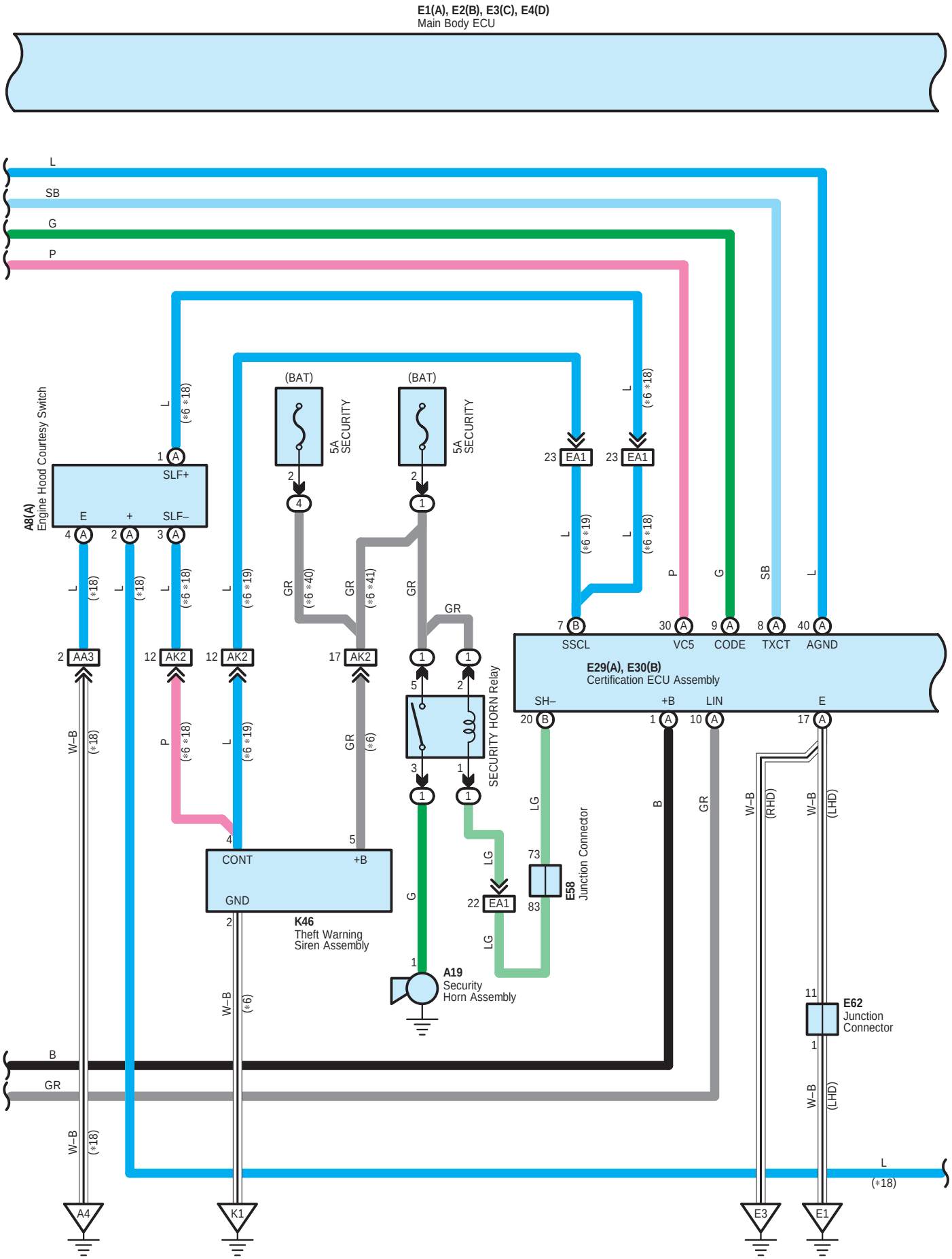

(BAT)
(BAT)
(IG)
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
30A
ST
5A
AM2
10A
ECU–IG
No. 2
IG
AM1
AM2
15
6 A
1 B
2
2
1
1
G–B
W
W
W
87
97
36 EA2
77
E59
Junction
Connector
R
R
R
R
5
2
4 CA1
ST Relay
3
1
R (A/T)
R (M/T)
B–W (*1)
B–W (*2)
W–B
8 CA2
1 AD1
B (*2)
1 DC2
B (*1)
B (*2)
R(M/T)
R(A/T)
R
W–B
1 A (*1)
1 D (*2)
1 1 1 1 1
I H G E B
(*29) (*16) (*28) (*30) (*17)
D2(A), D3(B), D12(D), D13(E),
D16(G), D20(H), D21(I)
Starter Assembly
M
B
(Diesel)
B
Battery
Battery

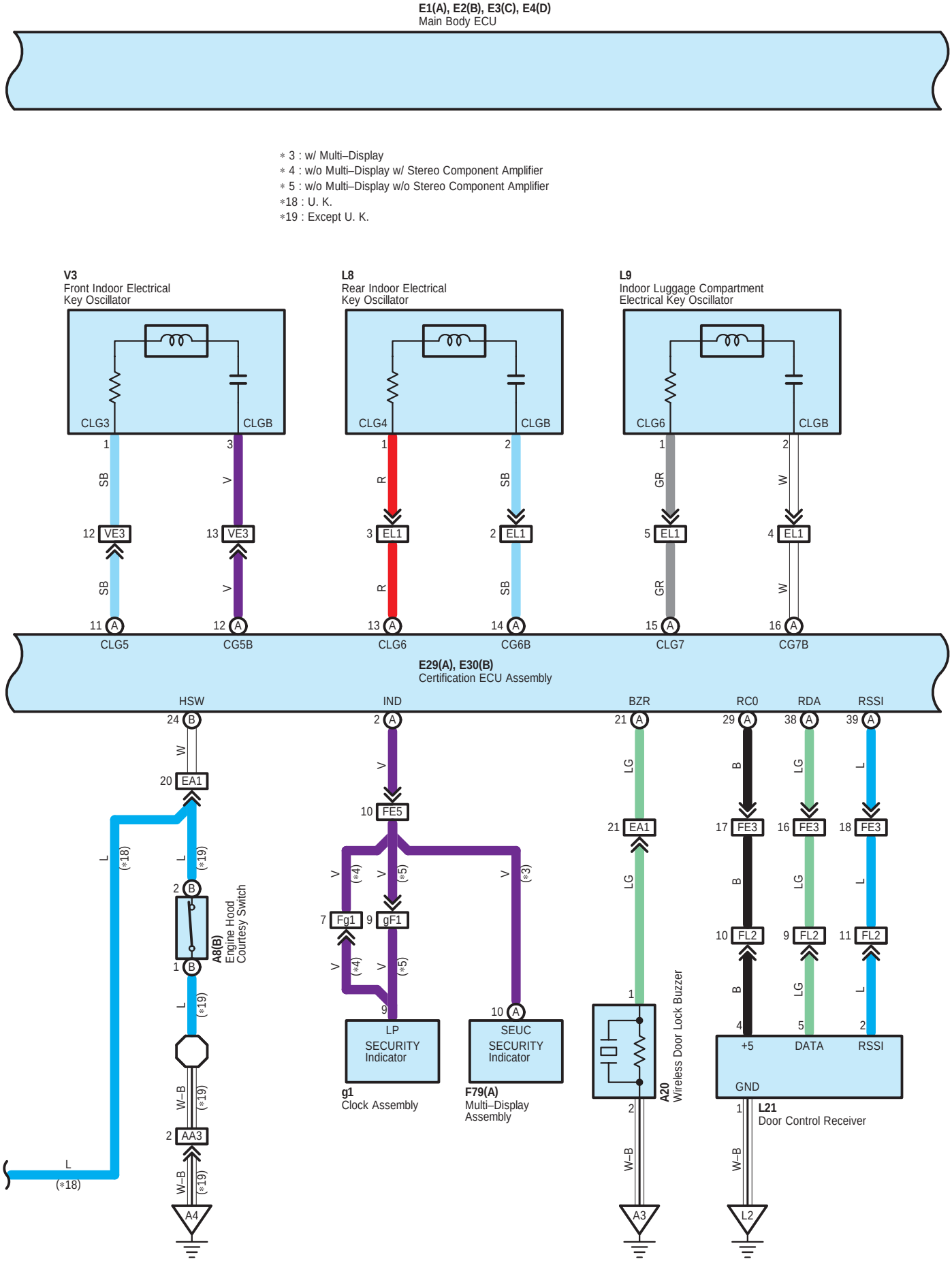

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
TRLY
STR
STR2
GND2
TAIL Relay
(BAT)
150A
LH–J/B
(IG)
10A
IGN
E115(B)
Junction
Connector
A37(A), C44(B)
Junction Connector
A37(A)
Junction Connector
ST CUT
Relay
e1
Clutch Start Switch Assembly
A49
Clutch Start Switch
Assembly
C24
Park/Neutral Position Switch
A34
Junction Connector
E62
Junction Connector
(LHD)
(RHD)
(M/T)
(A/T)
(*42)
(*43)
(RHD M/T)
(LHD M/T)
R(M/T)
R(A/T)
R
W–B
∗ 1 : Gasoline
∗ 2 : Diesel
∗16 : 1GR–FE Cold Area Spec.
∗17 : 1GR–FE Except Cold Area Spec.
∗28 : 3UR–FE
∗29 : 1UR–FE
∗30 : 1VD–FTV
∗42 : LHD Before Aug. 2013 Production, RHD
∗43 : LHD From Aug. 2013 Production

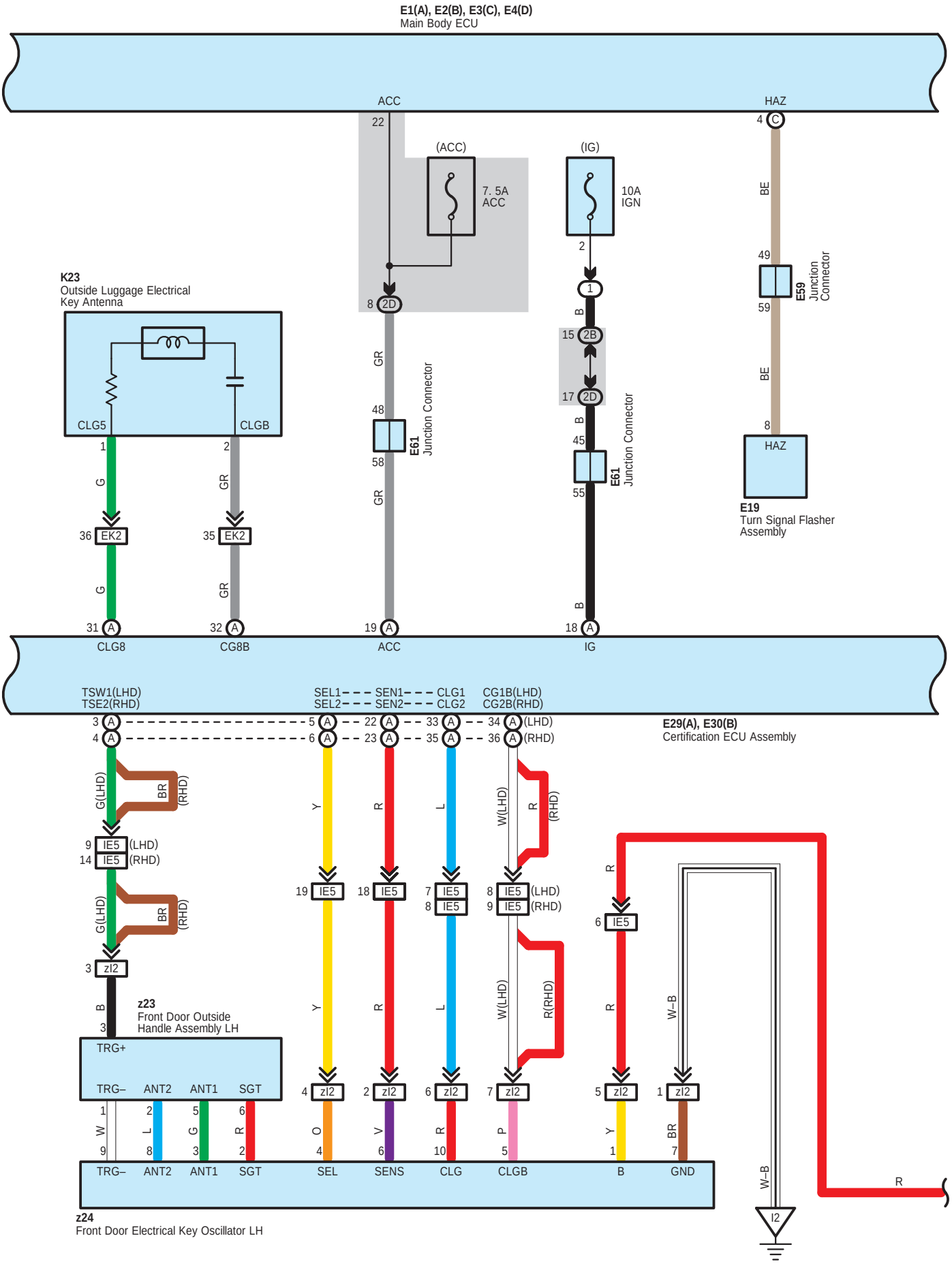

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
SLR+
SLP
LIN1
19 A
18 A
14
(IG)
(BAT)
(BAT)
10A
IGN
20A
STR
LOCK
20 2D
7. 5A
IMB
2
1
G
SB
R
GR
B–R
B
15 2B
17 2D
3
4
M
E26
Steering Lock
Actuator Assembly
IGE
SLP1
39 EA1
40 EA1
IG2
GND
SGND
LIN
B
6
1
2
5
7
E61
Junction
Connector
43
13
33
63
53
12
52
45
35
E61
Junction Connector
W–B
BR
GR
E28
ID Code Box
LIN1
3
GND
EFIO
EFII
+B
8
6
5
1
E67(A), E115(B)
Junction Connector
4 A (*42)
4 B (*43)
13 A (*42)
13 B (*43)
E66
Junction Connector
28 EA3
28 EA1
27 EA3 (LHD)
27 EA1 (RHD)
W
R
(RHD)
(LHD)
E3
E1
E2
*28 : 3UR–FE
*29 : 1UR–FE
*30 : 1VD–FTV
*32 : 1GR–FE
*33 : 1VD–FTV w/ DPF
*34 : 1VD–FTV w/o DPF
*42 : LHD Before Aug. 2013 Production, RHD
*43 : LHD From Aug. 2013 Production

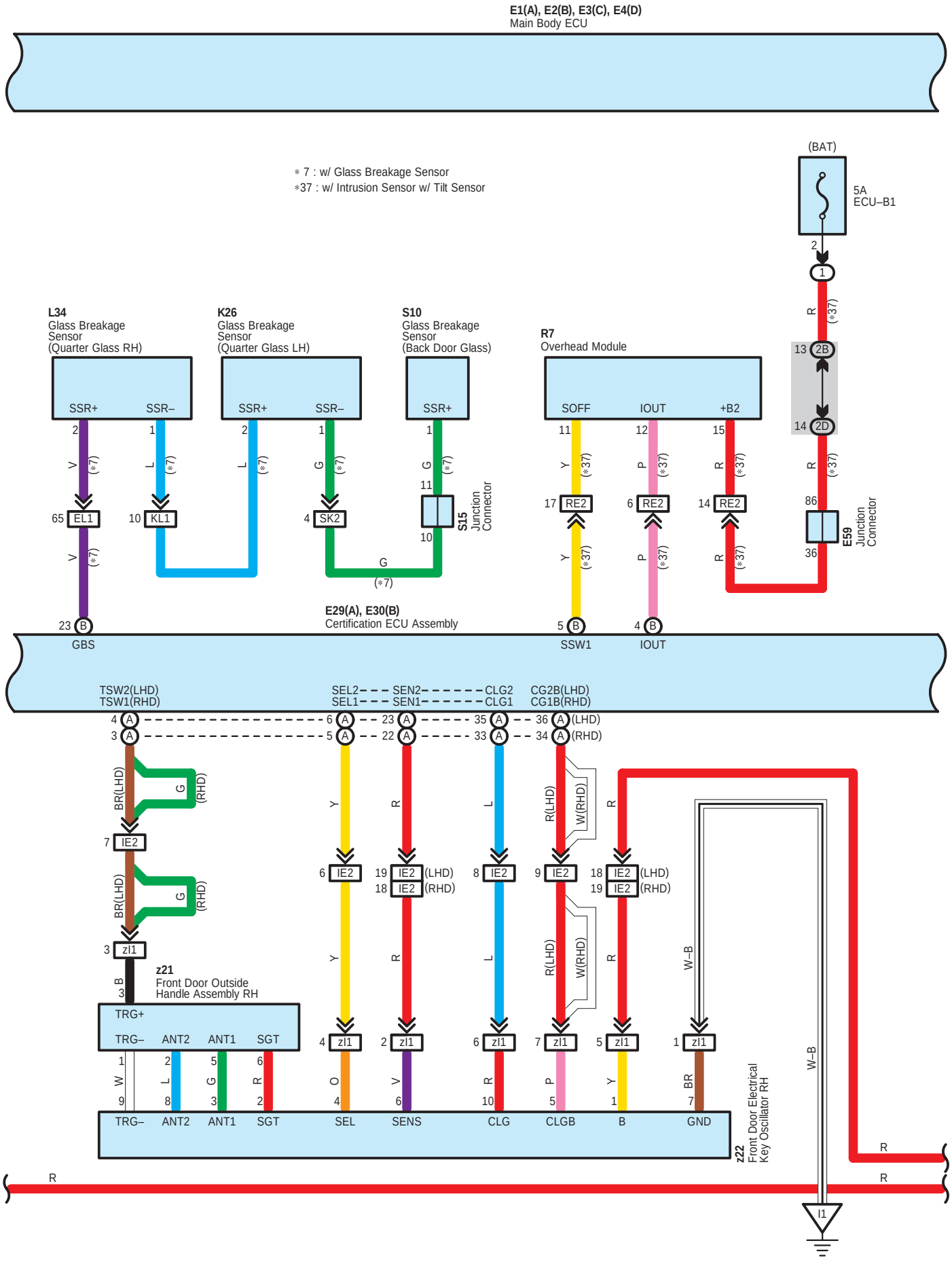

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
TACH
STSW
ACCR
IG1D
ACCD
IG2D
E58 Junction Connector
E59 Junction Connector
ACC Relay
IG1 NO. 1 Relay
IG1 NO. 2 Relay
IG1 NO. 3 Relay
IG2 Relay
A38(A), A52(D) ECM
IMO
IMI
STA
A34 Junction Connector
E62 Junction Connector
(LHD)
(RHD)
E1
A3
A1

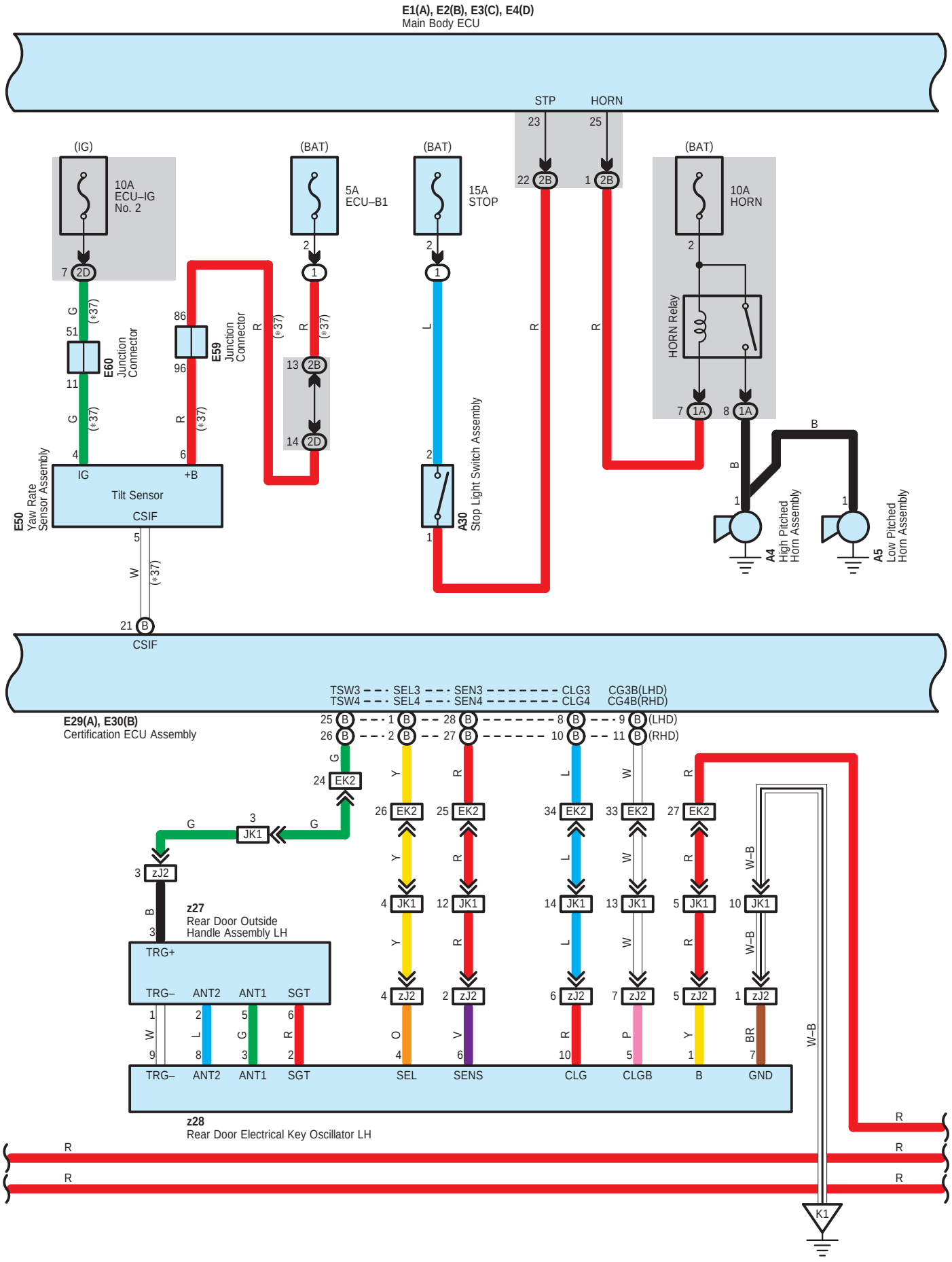

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
GND3
SSW1
SSW2
INDW
INDS
SWIL
1 C
17 A
16 A
14 A
15 A
25 A
L
SB
G
P
BR
B
B
W
W
R
L
SB
G
14
7
2
13
12
11
8
9
10
SS1
SS2
INDW
INDS
SWIL
AGND
TXCT
CODE
VC5
SS1
SS2
GND
Free
Full Traveling
Transponder Key Coil
GND
5
E18
Engine Switch
∗ 6 : w/ Theft Warning Siren
∗18 : U. K.
∗19 : Except U. K.
∗40 : w/ Heated Windshield Defroster
∗41 : w/o Heated Windshield Defroster
∗42 : LHD Before Aug. 2013 Production, RHD
∗43 : LHD From Aug. 2013 Production
BR
BR
7 A
11 B
9 A (∗42)
9 B (∗43)
E67(A), E115(B)
Junction Connector
13 A (∗42)
13 B (∗43)
BR
B
GR
B
GR
E2

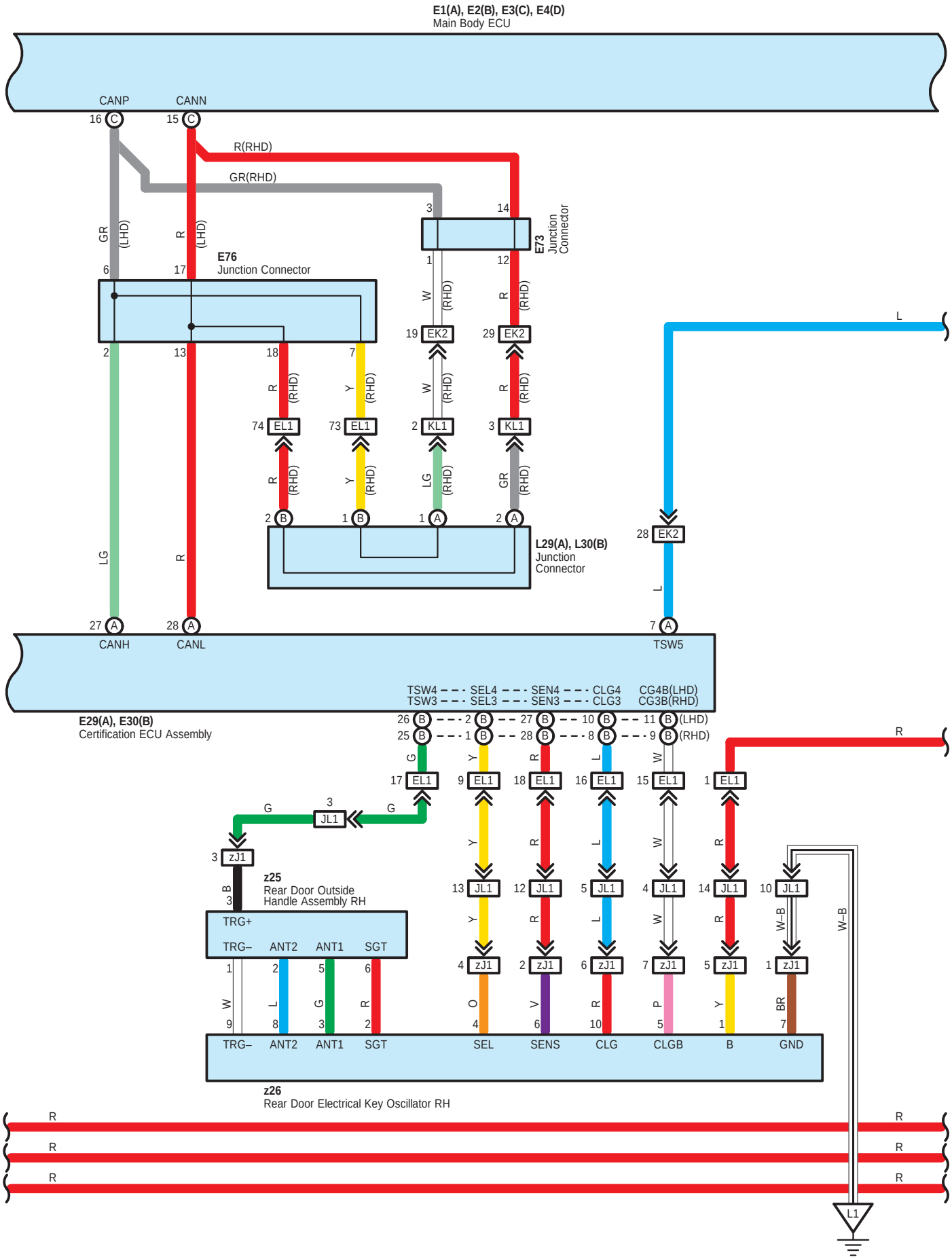

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
A8(A)
Engine Hood Courtesy Switch
SLF+
SLF–
E
+
(BAT)
5A SECURITY
K46
Theft Warning Siren Assembly
CONT
GND
+B
A19
Security Horn Assembly
SECURITY HORN Relay
E29(A), E30(B)
Certification ECU Assembly
SSCL
VC5
CODE
TXCT
AGND
SH–
LIN
E58
Junction Connector
E62
Junction Connector
AA3
AK2
EA1
A4
K1
E3
E1
L
SB
G
P
B
GR
W–B
LG
(*6 *18)
(*6 *19)
(*6 *40)
(*6 *41)
(*18)
(*6)
(RHD)
(LHD)

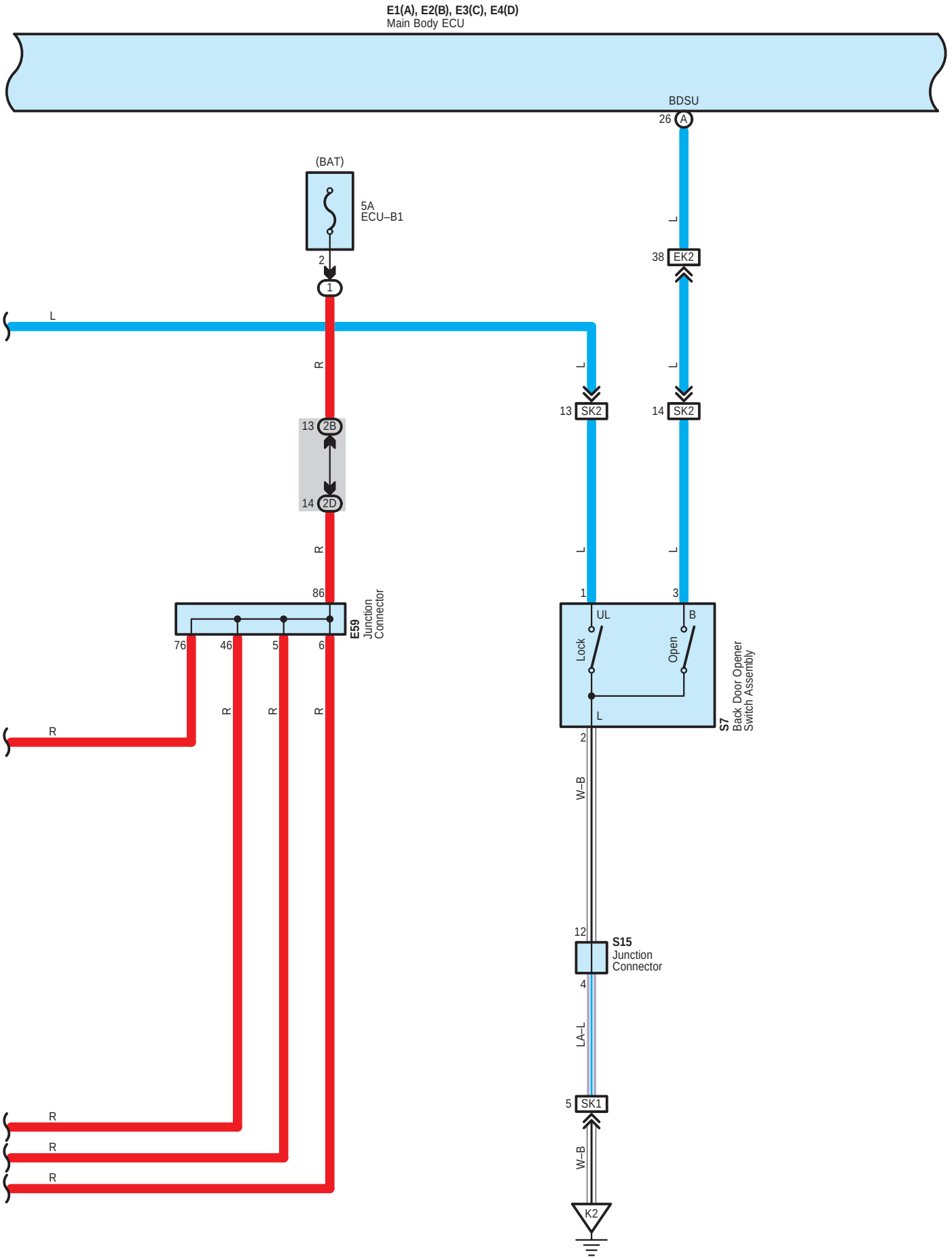

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
∗ 3 : w/ Multi–Display
∗ 4 : w/o Multi–Display w/ Stereo Component Amplifier
∗ 5 : w/o Multi–Display w/o Stereo Component Amplifier
∗18 : U. K.
∗19 : Except U. K.
V3
Front Indoor Electrical Key Oscillator
L8
Rear Indoor Electrical Key Oscillator
L9
Indoor Luggage Compartment Electrical Key Oscillator
CLG3
CLGB
CLG4
CLG6
VE3
EL1
SB
V
R
GR
W
CLG5
CG5B
CLG7
CG7B
E29(A), E30(B)
Certification ECU Assembly
HSW
IND
BZR
RC0
RDA
RSSI
EA1
FE5
FE3
FL2
Fg1
gF1
AA3
A4
A3
L2
A8(B)
Engine Hood Courtesy Switch
LP SECURITY Indicator
g1
Clock Assembly
SEUC SECURITY Indicator
F79(A)
Multi–Display Assembly
A20
Wireless Door Lock Buzzer
+5
DATA
GND
L21
Door Control Receiver

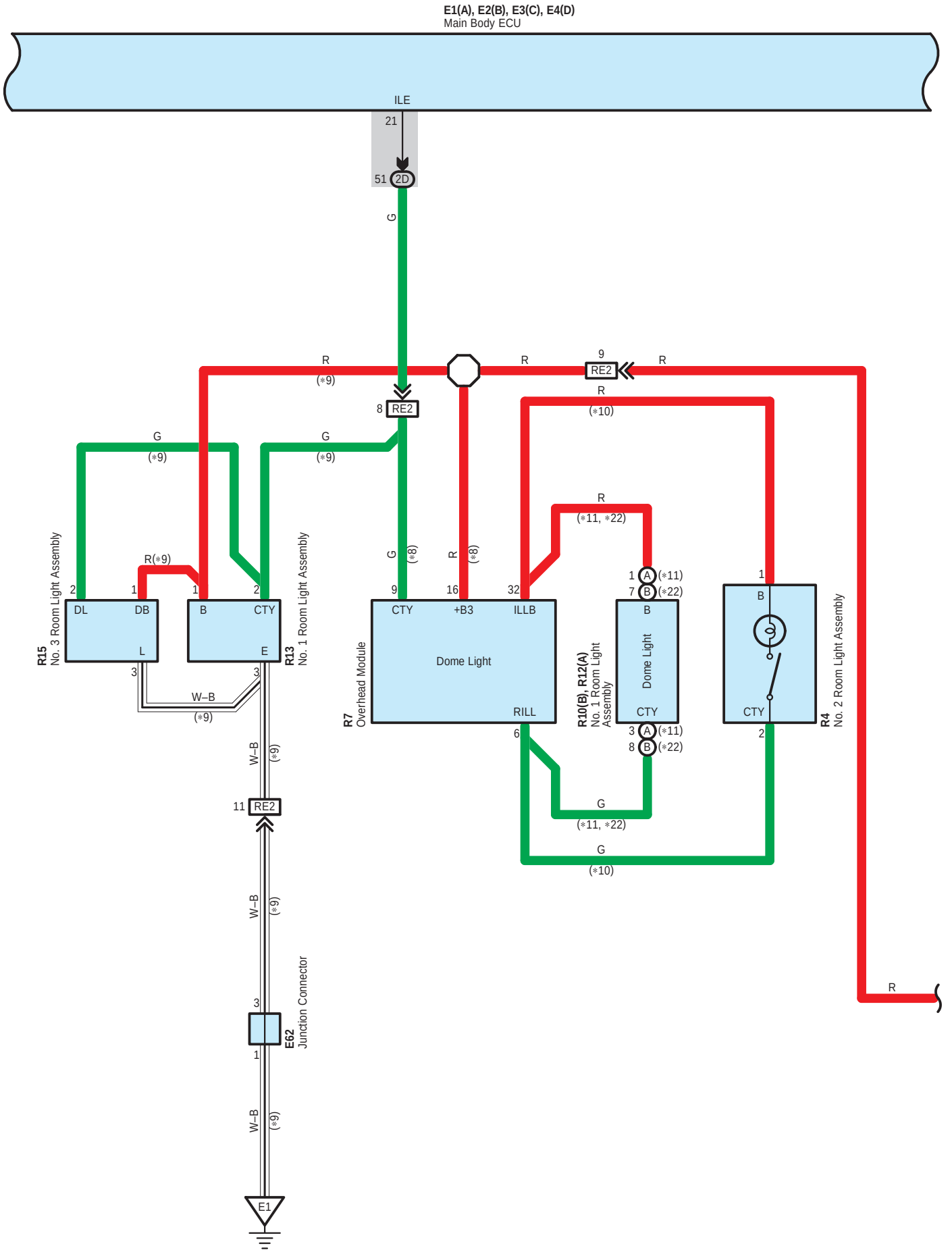

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
ACC
HAZ
(ACC)
(IG)
7. 5A
ACC
10A
IGN
K23
Outside Luggage Electrical
Key Antenna
CLG5
CLGB
E61
Junction Connector
E59
Junction
Connector
E19
Turn Signal Flasher
Assembly
CLG8
CG8B
ACC
IG
TSW1(LHD)
TSE2(RHD)
SEL1
SEN1
CLG1
CG1B(LHD)
SEL2
SEN2
CLG2
CG2B(RHD)
E29(A), E30(B)
Certification ECU Assembly
z23
Front Door Outside
Handle Assembly LH
TRG+
TRG–
ANT2
ANT1
SGT
SEL
SENS
CLG
CLGB
B
GND
z24
Front Door Electrical Key Oscillator LH

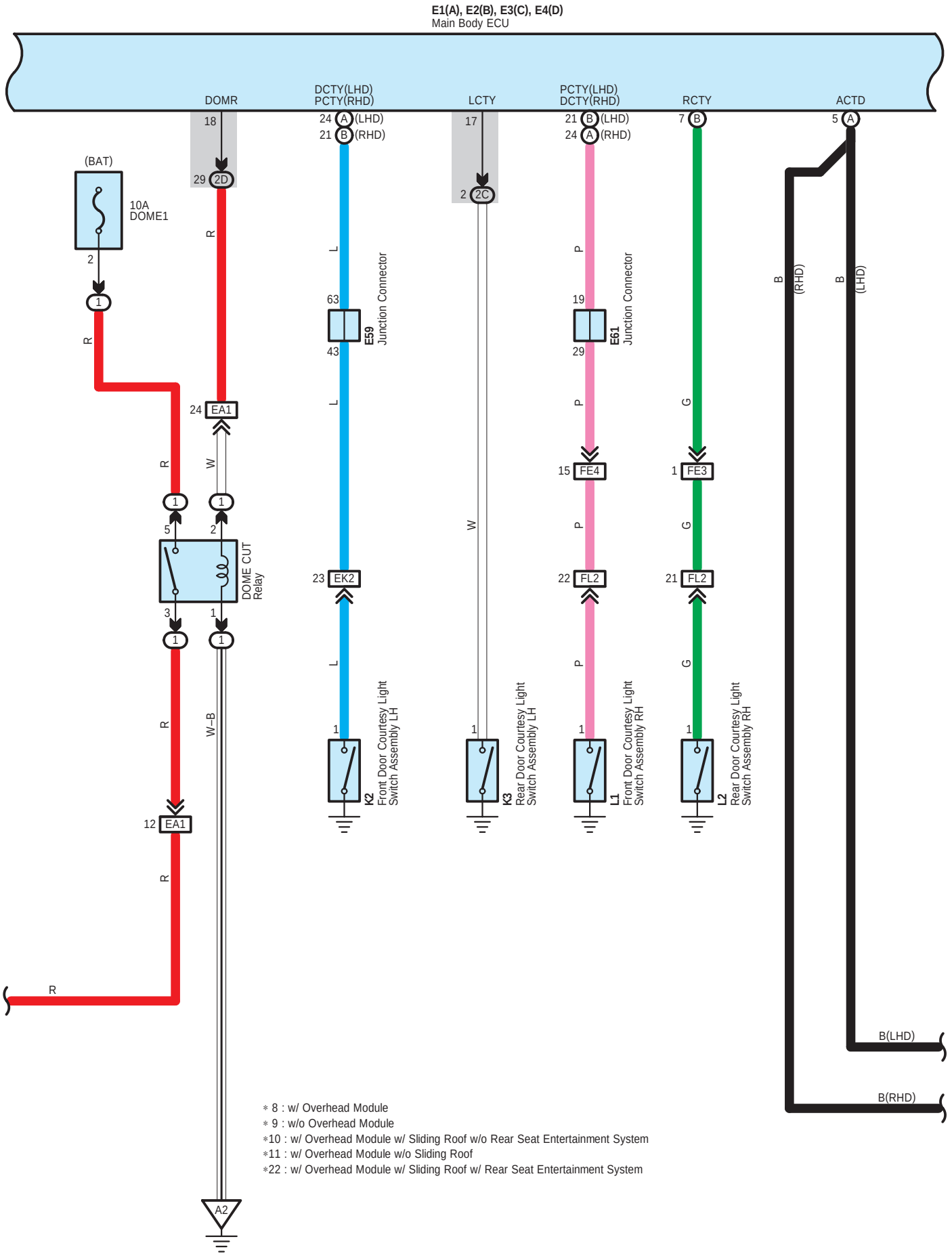

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
∗ 7 : w/ Glass Breakage Sensor
∗37 : w/ Intrusion Sensor w/ Tilt Sensor
(BAT)
5A
ECU–B1
L34
Glass Breakage Sensor (Quarter Glass RH)
K26
Glass Breakage Sensor (Quarter Glass LH)
S10
Glass Breakage Sensor (Back Door Glass)
R7
Overhead Module
SSR+
SSR–
SOFF
IOUT
+B2
S15
Junction Connector
E59
Junction Connector
E29(A), E30(B)
Certification ECU Assembly
GBS
SSW1
IOUT
TSW2(LHD)
TSW1(RHD)
SEL2
SEL1
SEN2
SEN1
CLG2
CLG1
CG2B(LHD)
CG1B(RHD)
z21
Front Door Outside Handle Assembly RH
TRG+
TRG–
ANT2
ANT1
SGT
SEL
SENS
CLG
CLGB
B
GND
z22
Front Door Electrical Key Oscillator RH
W–B
I1

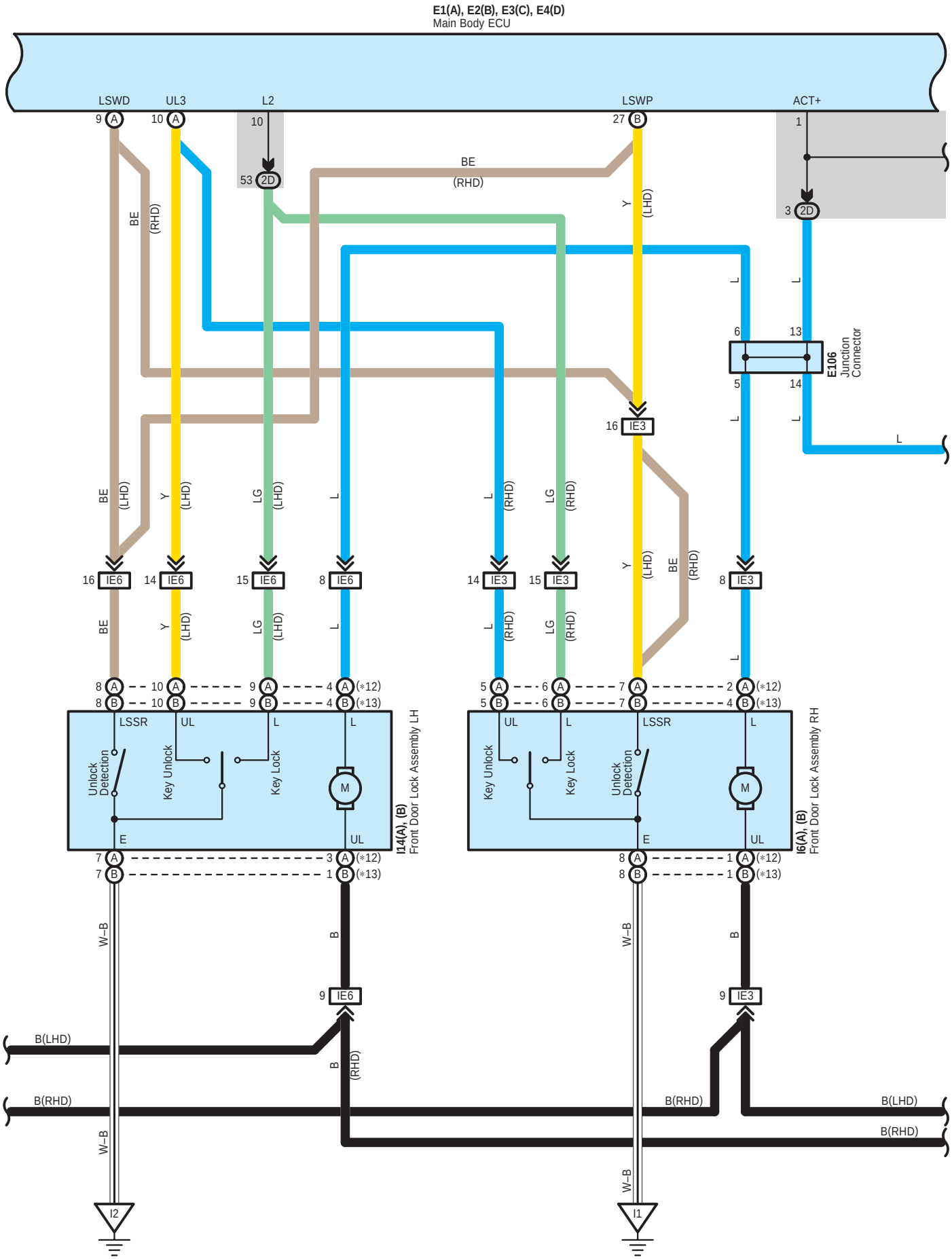

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
STP
HORN
(IG)
(BAT)
(BAT)
(BAT)
10A ECU–IG No. 2
5A ECU–B1
15A STOP
10A HORN
HORN Relay
E60 Junction Connector
E59 Junction Connector
E50 Yaw Rate Sensor Assembly
Tilt Sensor
CSIF
A30 Stop Light Switch Assembly
A4 High Pitched Horn Assembly
A5 Low Pitched Horn Assembly
TSW3 SEL3 SEN3 CLG3 CG3B(LHD)
TSW4 SEL4 SEN4 CLG4 CG4B(RHD)
E29(A), E30(B)
Certification ECU Assembly
JK1
zJ2
z27
Rear Door Outside Handle Assembly LH
TRG+
TRG–
ANT2
ANT1
SGT
SEL
SENS
CLG
CLGB
B
GND
z28
Rear Door Electrical Key Oscillator LH
K1

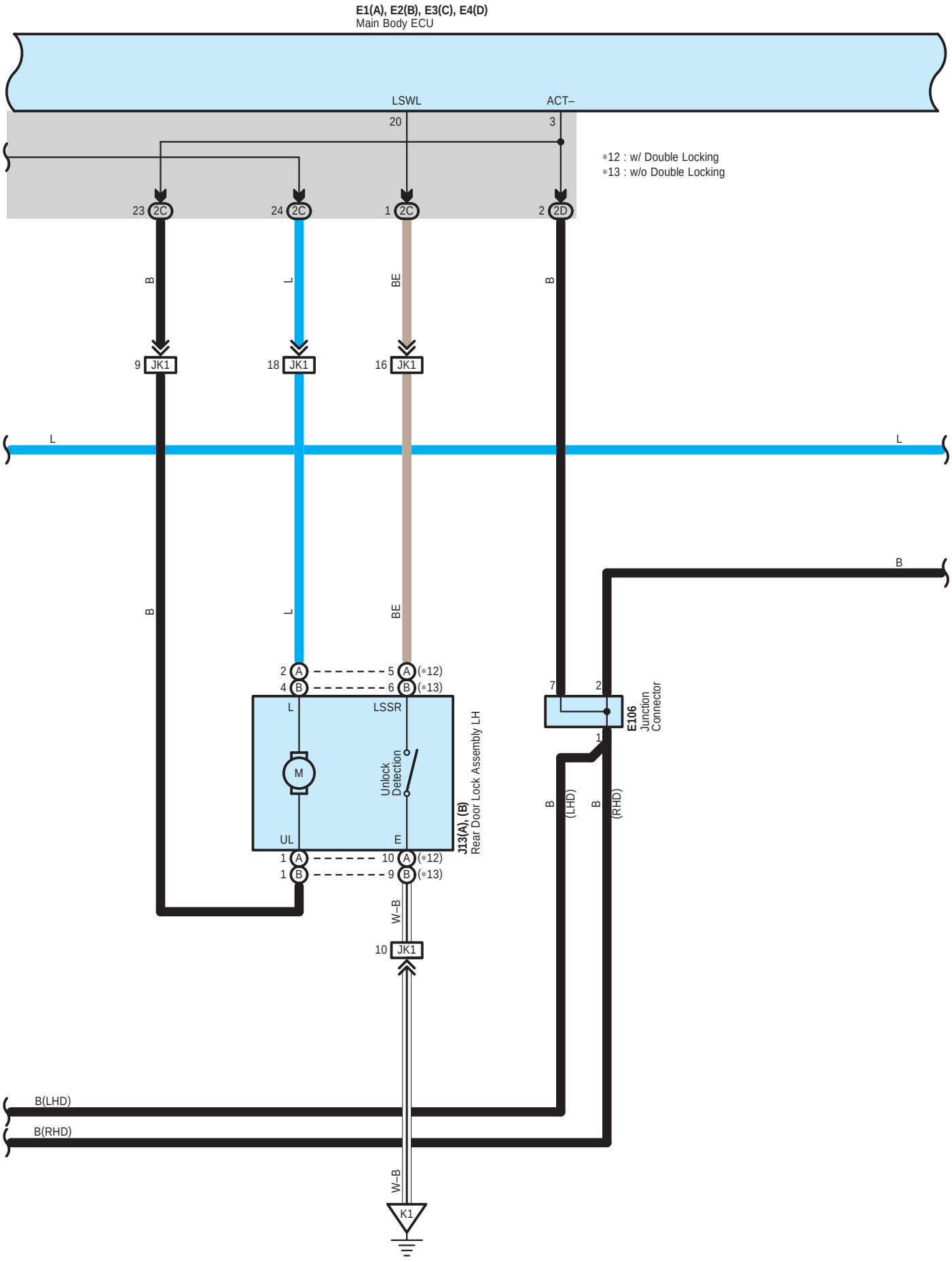

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
CANP
CANN
R(RHD)
GR(RHD)
E73
Junction Connector
E76
Junction Connector
L29(A), L30(B)
Junction Connector
CANH
CANL
TSW5
E29(A), E30(B)
Certification ECU Assembly
TSW4 SEL4 SEN4 CLG4 CG4B(LHD)
TSW3 SEL3 SEN3 CLG3 CG3B(RHD)
z25
Rear Door Outside Handle Assembly RH
TRG+
TRG–
ANT2
ANT1
SGT
SEL
SENS
CLG
CLGB
B
GND
z26
Rear Door Electrical Key Oscillator RH
L1

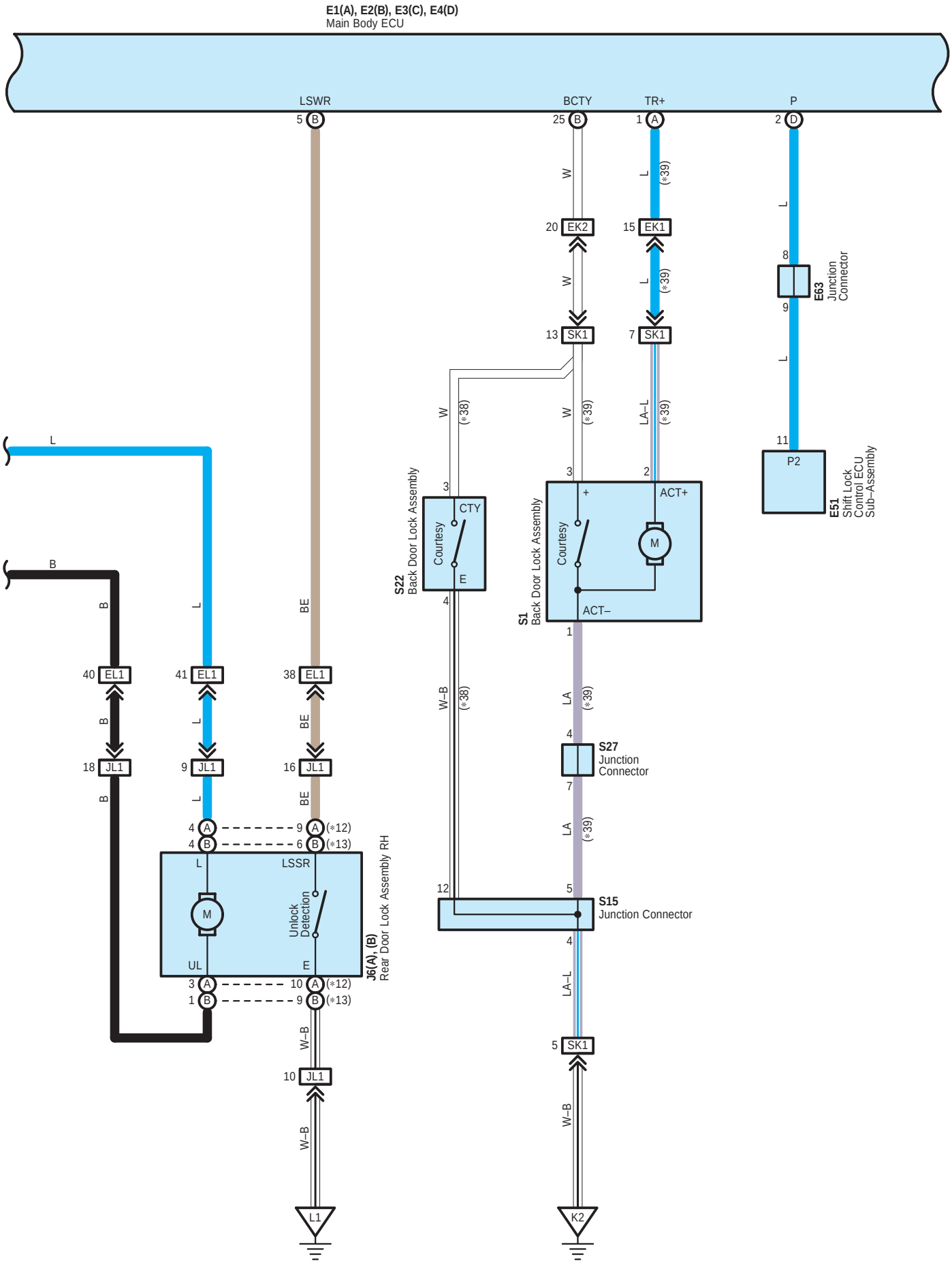

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
BDSU
26 A
(BAT)
5A
ECU–B1
2
1
L
38 EK2
L
R
L
L
13 SK2
14 SK2
13 2B
14 2D
R
L
L
86
1
3
E59
Junction
Connector
76
46
5
6
UL
B
Lock
Open
L
S7
Back Door Opener
Switch Assembly
R
R
R
R
2
W–B
12
S15
Junction
Connector
4
LA–L
R
R
R
5 SK1
W–B
K2

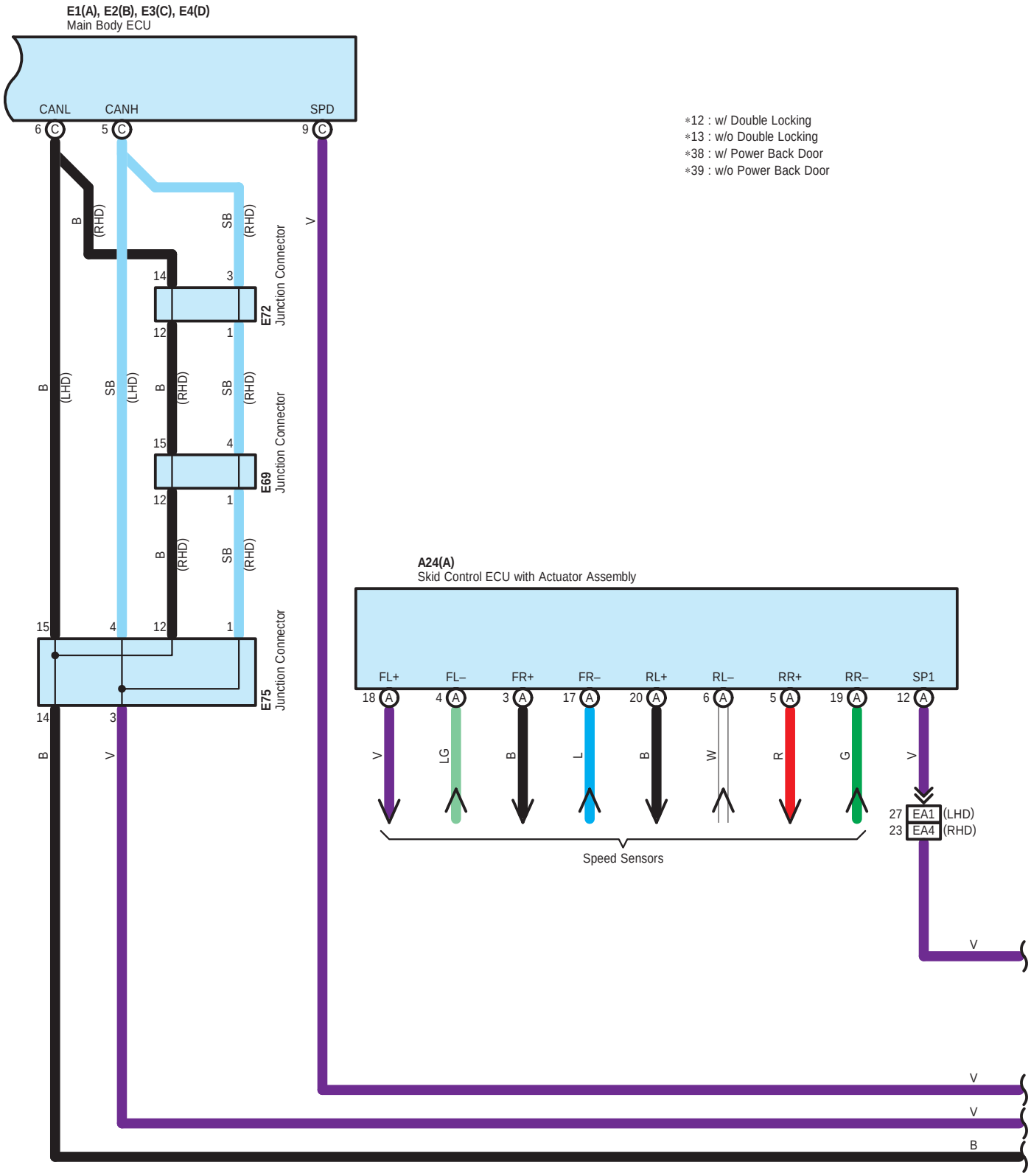

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
ILE
21
51 2D
G
R
(*9)
8 RE2
R
9 RE2
R
(*10)
G
(*9)
G
(*9)
R(*9)
R15
No. 3 Room Light Assembly
2 DL
1 DB
L
3
1 B
2 CTY
E
3
R13
No. 1 Room Light Assembly
W–B
(*9)
W–B
(*9)
11 RE2
W–B
(*9)
3
E62
Junction Connector
1
W–B
(*9)
E1
G
(*8)
R
(*8)
9 CTY
16 +B3
32 ILLB
Dome Light
RILL
6
R7
Overhead Module
R
(*11, *22)
1 A (*11)
7 B (*22)
B
Dome Light
CTY
3 A (*11)
8 B (*22)
R10(B), R12(A)
No. 1 Room Light Assembly
G
(*11, *22)
G
(*10)
1
B
CTY
2
R4
No. 2 Room Light Assembly
R

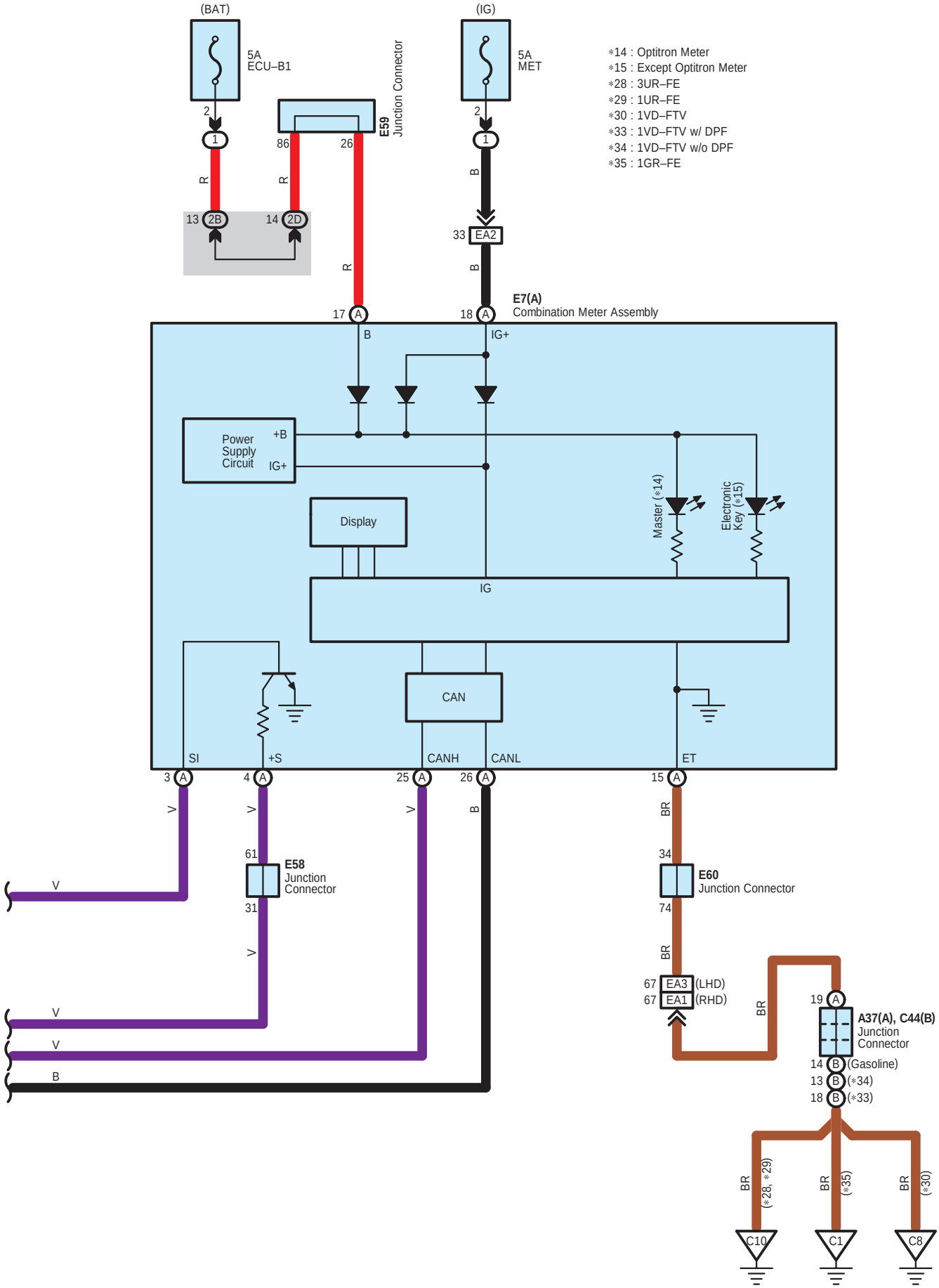

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
DOMR
DCTY(LHD)
PCTY(RHD)
LCTY
PCTY(LHD)
DCTY(RHD)
RCTY
ACTD
(BAT)
10A
DOME1
DOME CUT
Relay
E59
Junction Connector
E61
Junction Connector
K2
Front Door Courtesy Light
Switch Assembly LH
K3
Rear Door Courtesy Light
Switch Assembly LH
L1
Front Door Courtesy Light
Switch Assembly RH
L2
Rear Door Courtesy Light
Switch Assembly RH
(LHD)
(RHD)
B(LHD)
B(RHD)
A2
∗ 8 : w/ Overhead Module
∗ 9 : w/o Overhead Module
∗10 : w/ Overhead Module w/ Sliding Roof w/o Rear Seat Entertainment System
∗11 : w/ Overhead Module w/o Sliding Roof
∗22 : w/ Overhead Module w/ Sliding Roof w/ Rear Seat Entertainment System


E1(A), E2(B), E3(C), E4(D)
Main Body ECU
LSWD
UL3
L2
LSWP
ACT+
E106 Junction Connector
I14(A), (B) Front Door Lock Assembly LH
I6(A), (B) Front Door Lock Assembly RH
LSSR
UL
Unlock Detection
Key Unlock
Key Lock
M
B(LHD)
B(RHD)
W–B
I2
I1

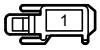

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
LSWL
ACT–
20
3
*12 : w/ Double Locking
*13 : w/o Double Locking
23 2C
24 2C
1 2C
2 2D
B
L
BE
B
9 JK1
18 JK1
16 JK1
L
L
B
B
L
BE
2 A
4 B
5 A (*12)
6 B (*13)
L
LSSR
M
Unlock Detection
UL
E
J13(A), (B)
Rear Door Lock Assembly LH
1 A
1 B
10 A (*12)
9 B (*13)
7
2
E106
Junction Connector
1
B
(LHD)
B
(RHD)
W–B
10 JK1
B(LHD)
B(RHD)
W–B
K1


E1(A), E2(B), E3(C), E4(D)
Main Body ECU
LSWR
BCTY
TR+
P
5 B
25 B
1 A
2 D
20 EK2
15 EK1
13 SK1
7 SK1
8
9
E63
Junction Connector
11
P2
E51
Shift Lock Control ECU Sub-Assembly
S22
Back Door Lock Assembly
3 CTY
Courtesy
E
4
S1
Back Door Lock Assembly
+
ACT+
ACT–
M
Courtesy
1
2
3
S27
Junction Connector
7
S15
Junction Connector
12
5
4
40 EL1
41 EL1
38 EL1
18 JL1
9 JL1
16 JL1
10 JL1
5 SK1
4 A
4 B
9 A (*12)
6 B (*13)
L
LSSR
M
Unlock Detection
UL
E
3 A
1 B
10 A (*12)
9 B (*13)
J6(A), (B)
Rear Door Lock Assembly RH
L1
K2
L
B
BE
W
LA
LA–L
W–B
(*38)
(*39)


E1(A), E2(B), E3(C), E4(D)
Main Body ECU
CANL
CANH
SPD
6 C
5 C
9 C
∗12 : w/ Double Locking
∗13 : w/o Double Locking
∗38 : w/ Power Back Door
∗39 : w/o Power Back Door
B (RHD)
SB (RHD)
V
14
3
12
1
E72
Junction Connector
B (LHD)
SB (LHD)
B (RHD)
SB (RHD)
15
4
12
1
E69
Junction Connector
B (RHD)
SB (RHD)
15
4
12
1
E75
Junction Connector
14
3
B
V
A24(A)
Skid Control ECU with Actuator Assembly
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
SP1
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
12 A
V
LG
B
L
B
W
R
G
V
27 EA1 (LHD)
23 EA4 (RHD)
Speed Sensors
V
V
V
B


(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction Connector
∗14 : Optitron Meter
∗15 : Except Optitron Meter
∗28 : 3UR–FE
∗29 : 1UR–FE
∗30 : 1VD–FTV
∗33 : 1VD–FTV w/ DPF
∗34 : 1VD–FTV w/o DPF
∗35 : 1GR–FE
E7(A)
Combination Meter Assembly
B
IG+
Power Supply Circuit
+B
IG+
Display
Master (∗14)
Electronic Key (∗15)
IG
CAN
SI
+S
CANH
CANL
ET
E58
Junction Connector
E60
Junction Connector
EA2
EA3 (LHD)
EA1 (RHD)
A37(A), C44(B)
Junction Connector
(Gasoline)
(∗34)
(∗33)
(∗28, ∗29)
(∗35)
(∗30)
C10
C1
C8

A 4
Black



A 5
Black



A 8
Black



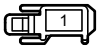
(Except U.K.)

A 8
Dark Gray

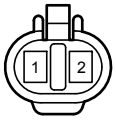


(U.K.)

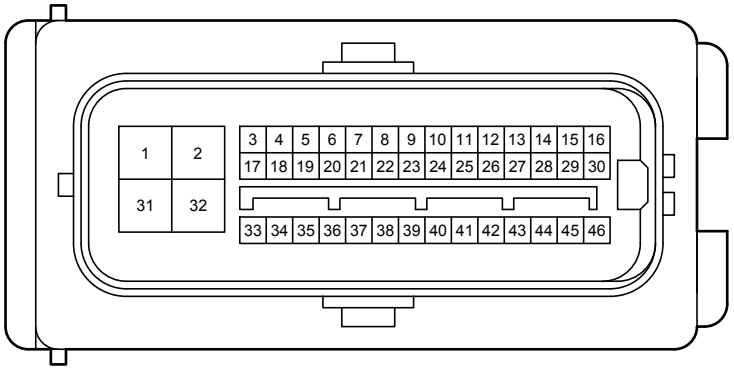
A 19
Black



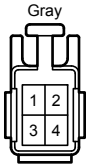
A 20
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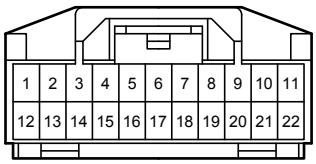
A 24
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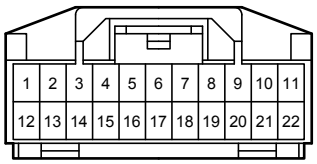
A 30
Gray



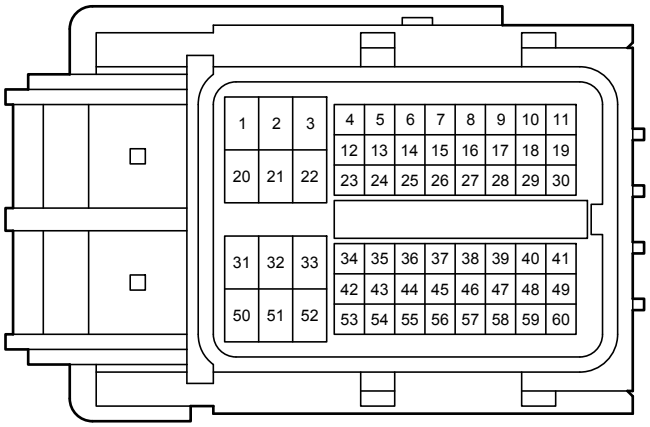
A 34
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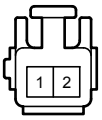
A 37
Blue



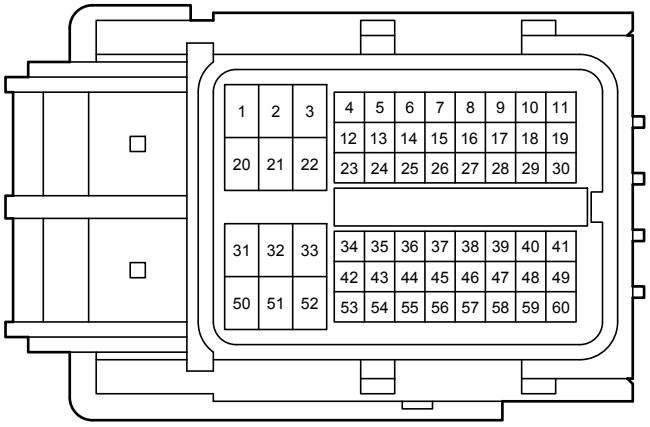
A 38
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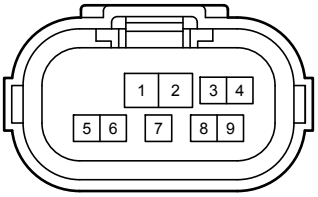
A 49
Black



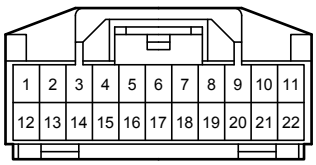
A 52
Black



C 24
Gray



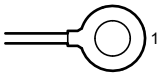
C 44
Blue



D 2
Black



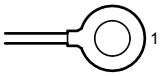
D 3



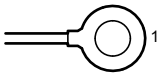
D 12
Black



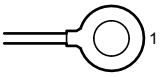
D 13



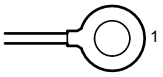
D 16



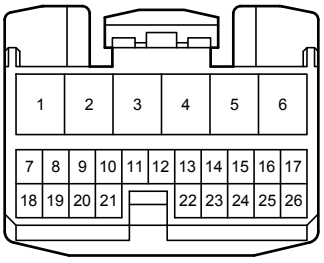
D 20



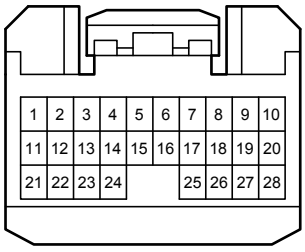
D 21



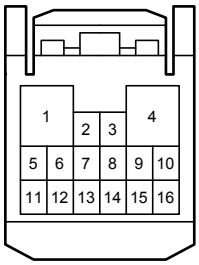
E 1
White



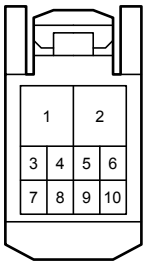
E 2
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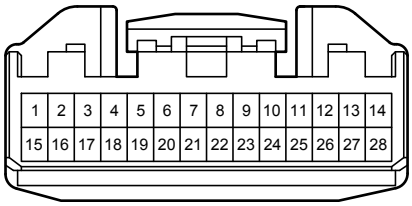
E 3
White



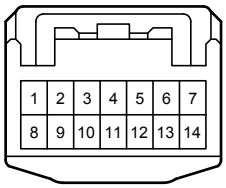
E 4
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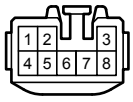
E 7
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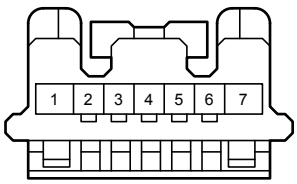
E 18
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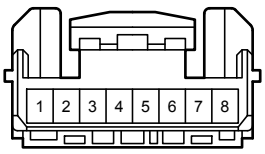
E 19
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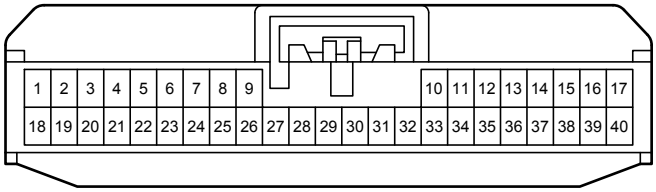
E 26
Black



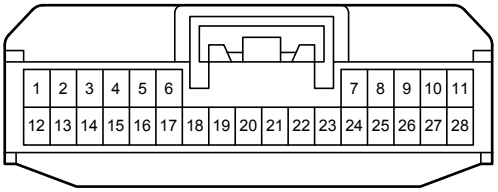
E 28
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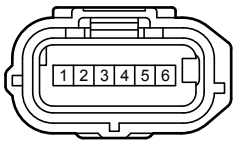
E 29
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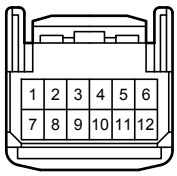
E 30
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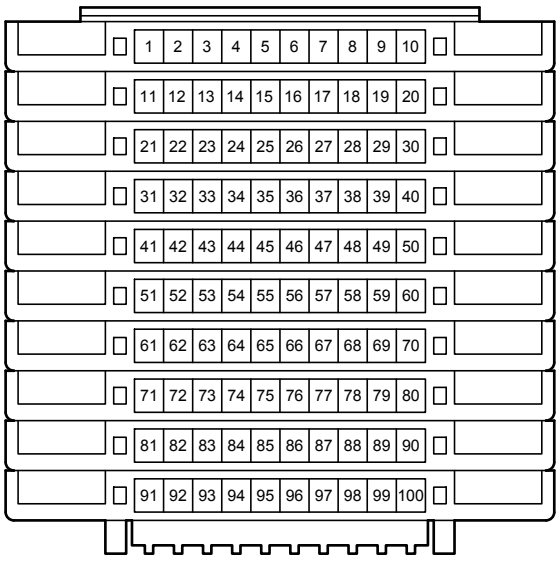
E 50
Black



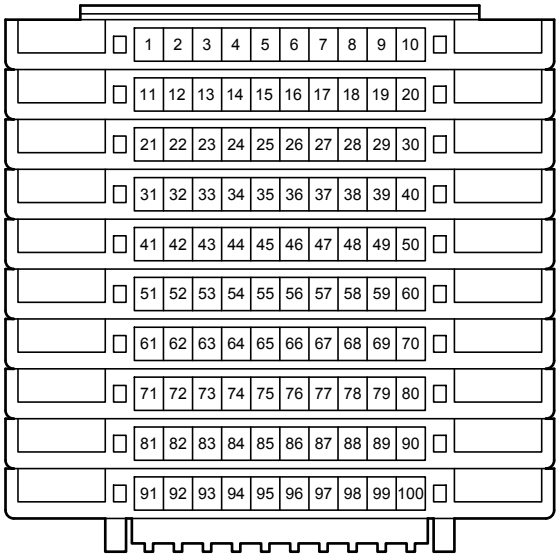
E 51
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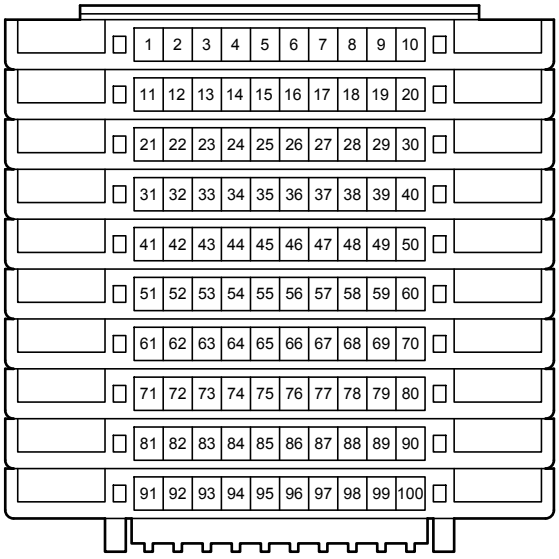
E 58



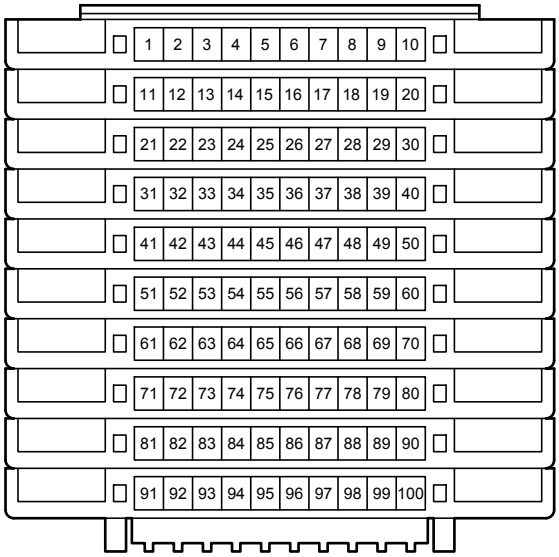
E 59



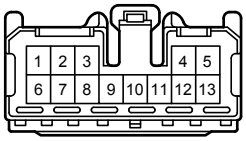
E 60



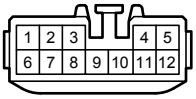
E 61



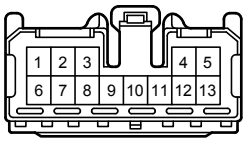
E 62
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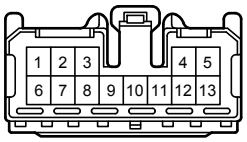
E 63
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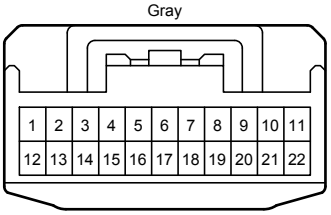
E 66
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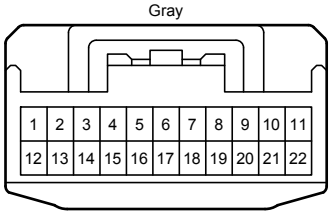
E 67
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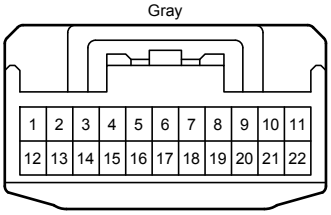
E 69
Gray



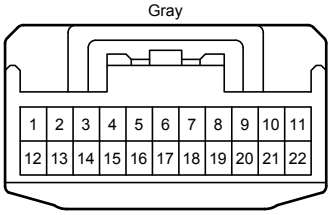
E 72
Gray



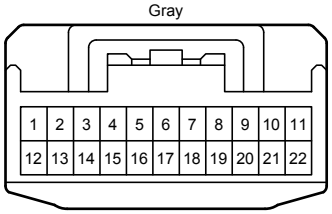
E 73
Gray



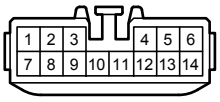
E 75
Gray



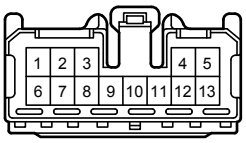
E 76
Gray



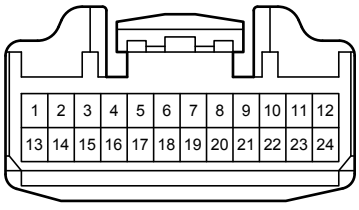
E106
White



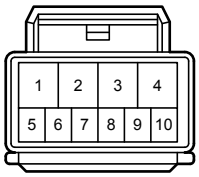
E115
White



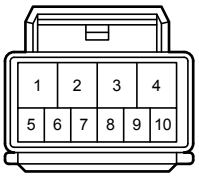
F 79
White



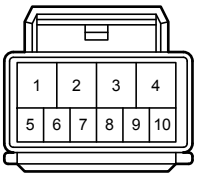
I 6
White



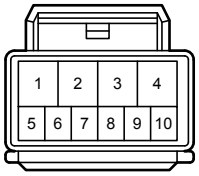
I 14
White



J 6
White



J 13
White



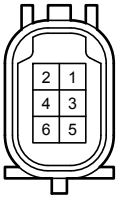
K 2
White



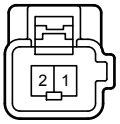
K 3
White



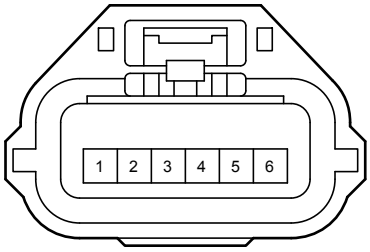
K 23
White



K 26
White



K 46
Black



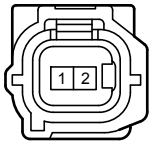
L 1
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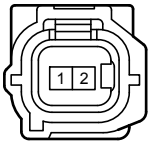
L 2
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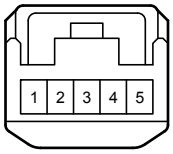
L 8
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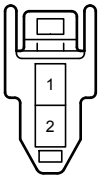
L 9
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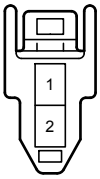
L 21
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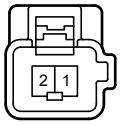
L 29
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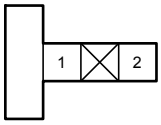
L 30
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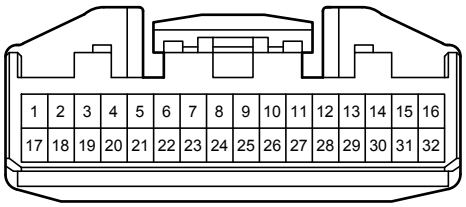
L 34
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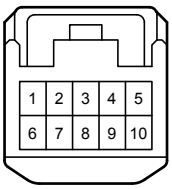
R 4
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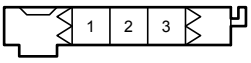
R 7
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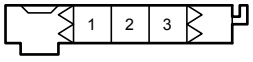
R 10
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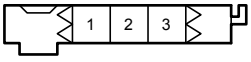
R 12
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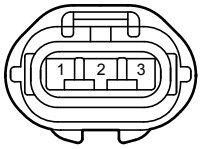
R 13
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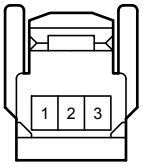
R 15
White



S 1
Black



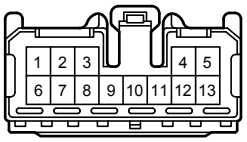
S 7
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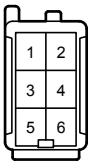
S 10
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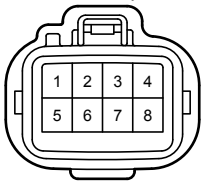
S 15
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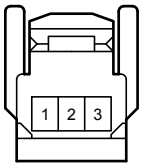
S 22
Black



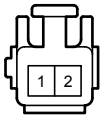
S 27
Dark Gray



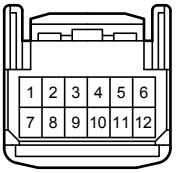
V 3
White



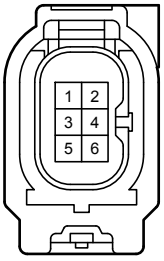
e 1
Black



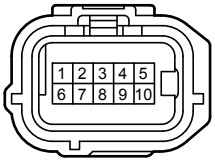
g 1
White



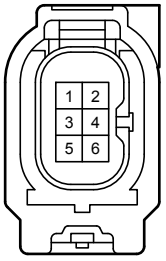
z 21
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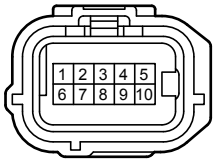
z 22
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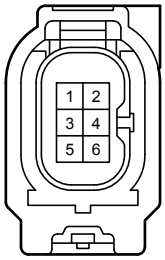
z 23
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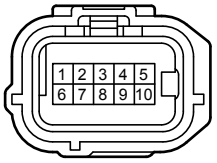
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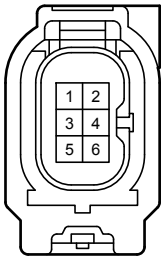
z 25
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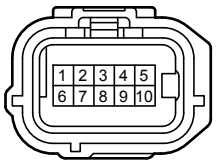
z 26
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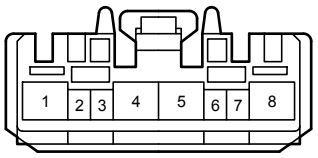
z 27
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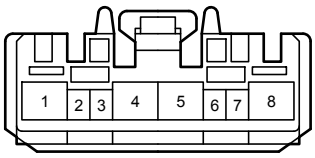
z 28
Black



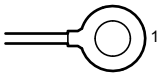
1A
White



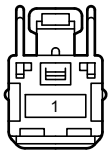
1B
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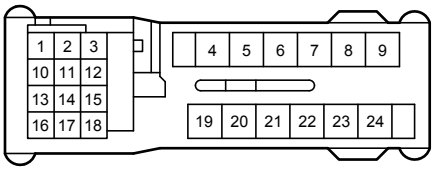
1I



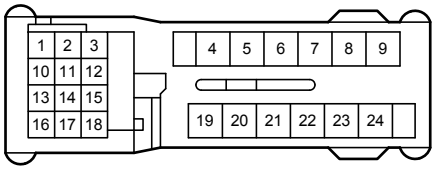
2A
White



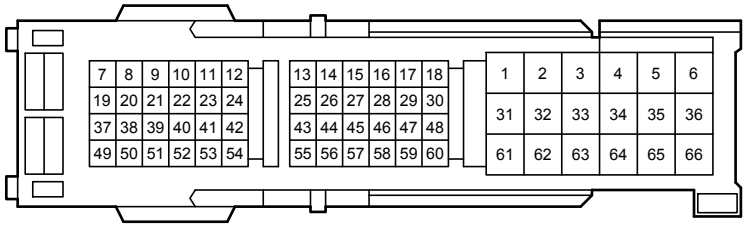
2B
White



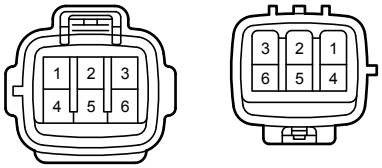
2C
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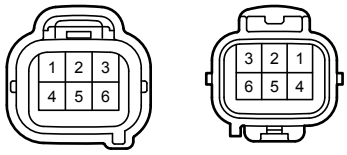
2D
White



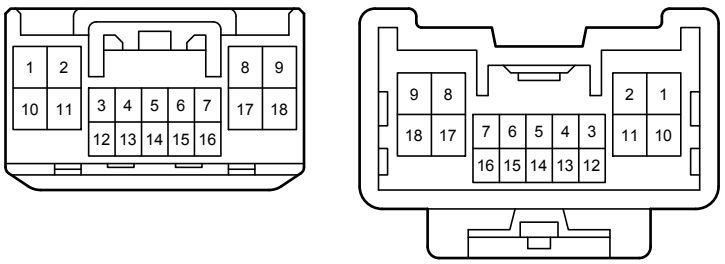
AA3
Gray



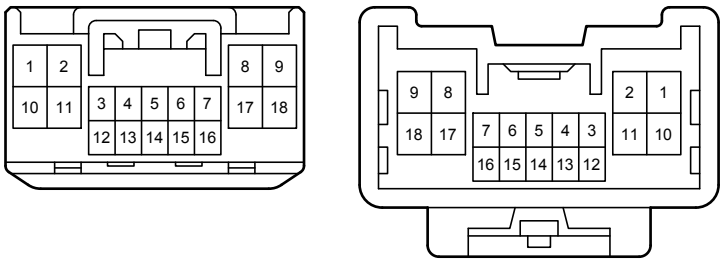
AD1
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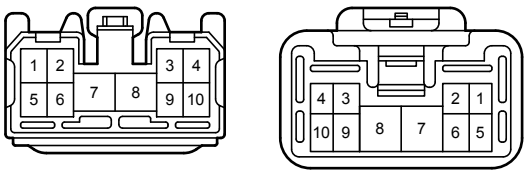
AK2
Gray



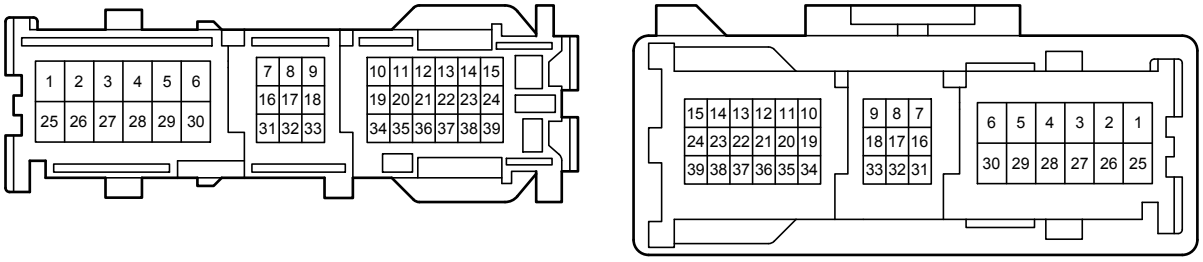
CA1
White



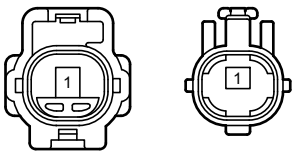
CA2
White



CA3
White

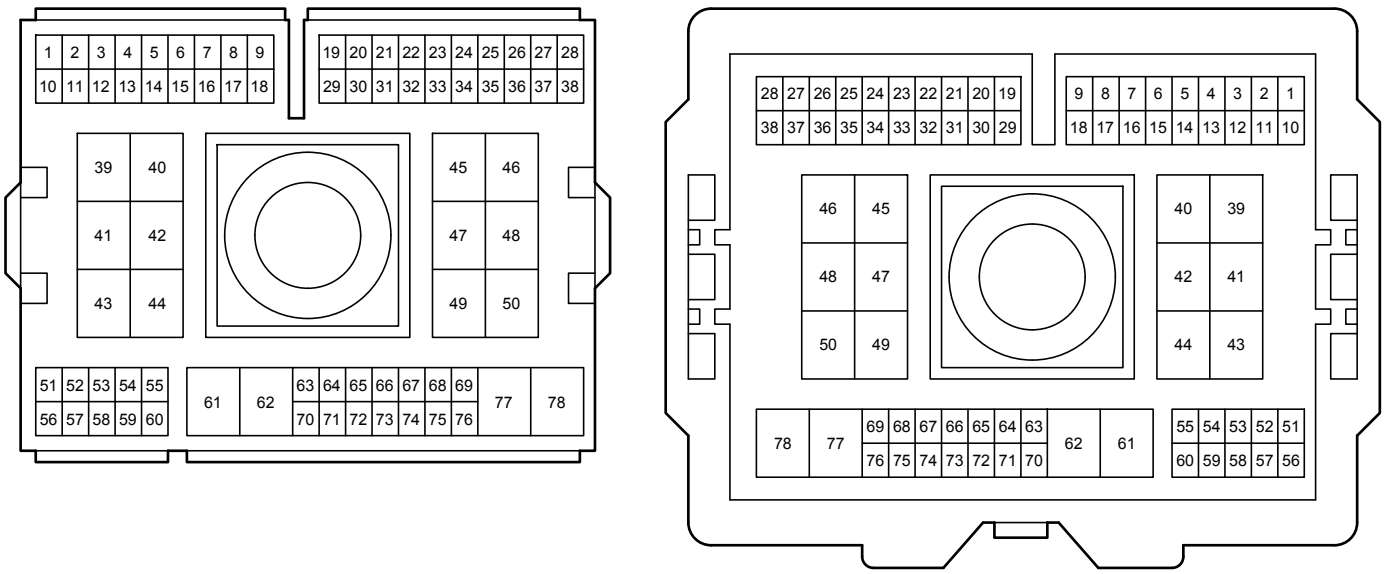


DC2
Gray



EA1

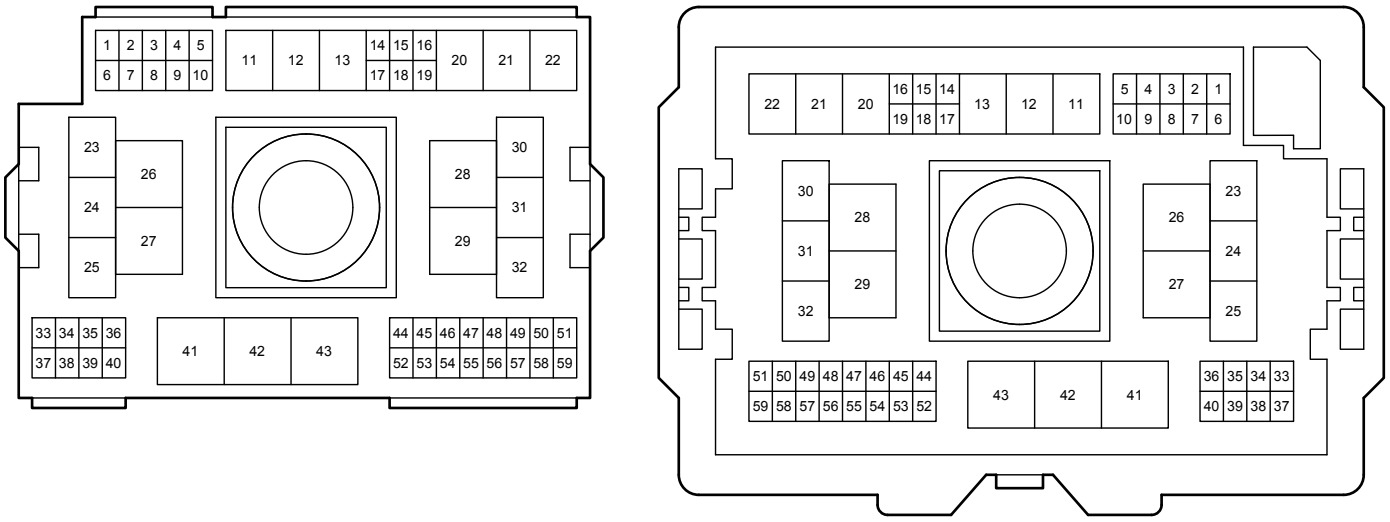
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EA2

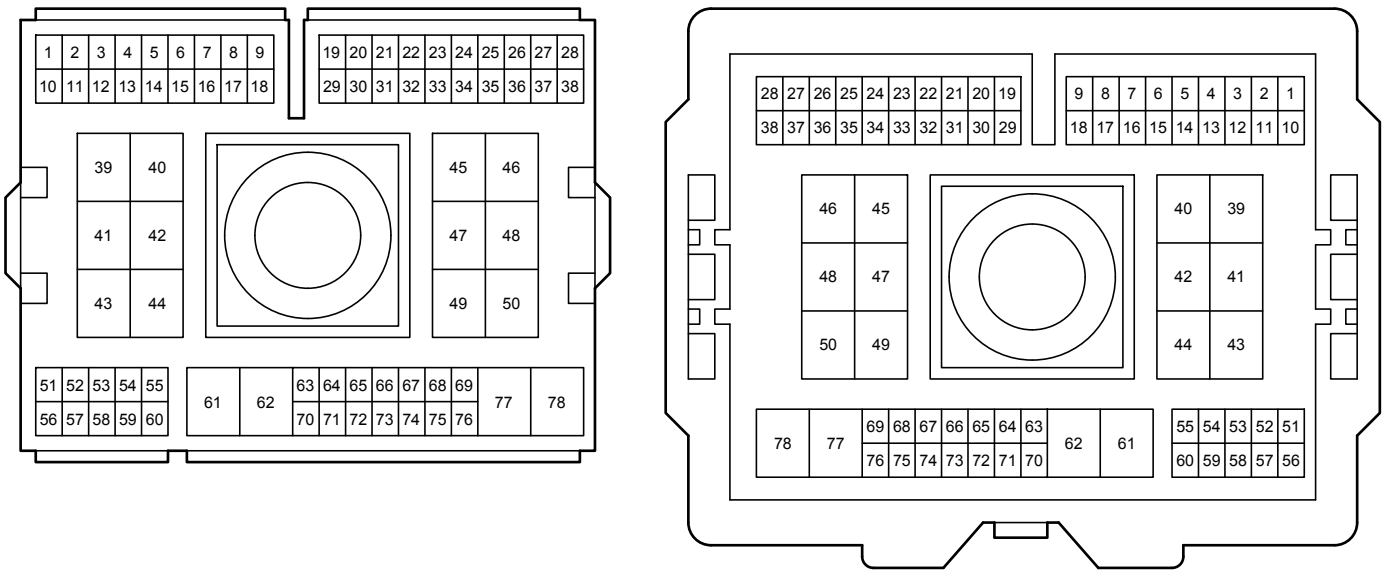
White

Gray



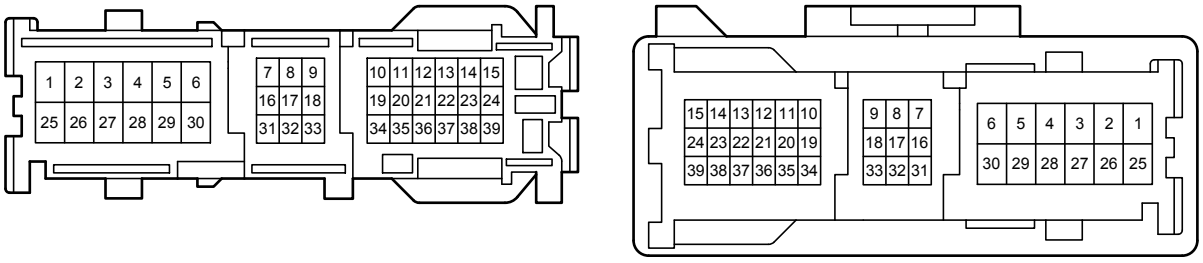
EA3

White



EA4

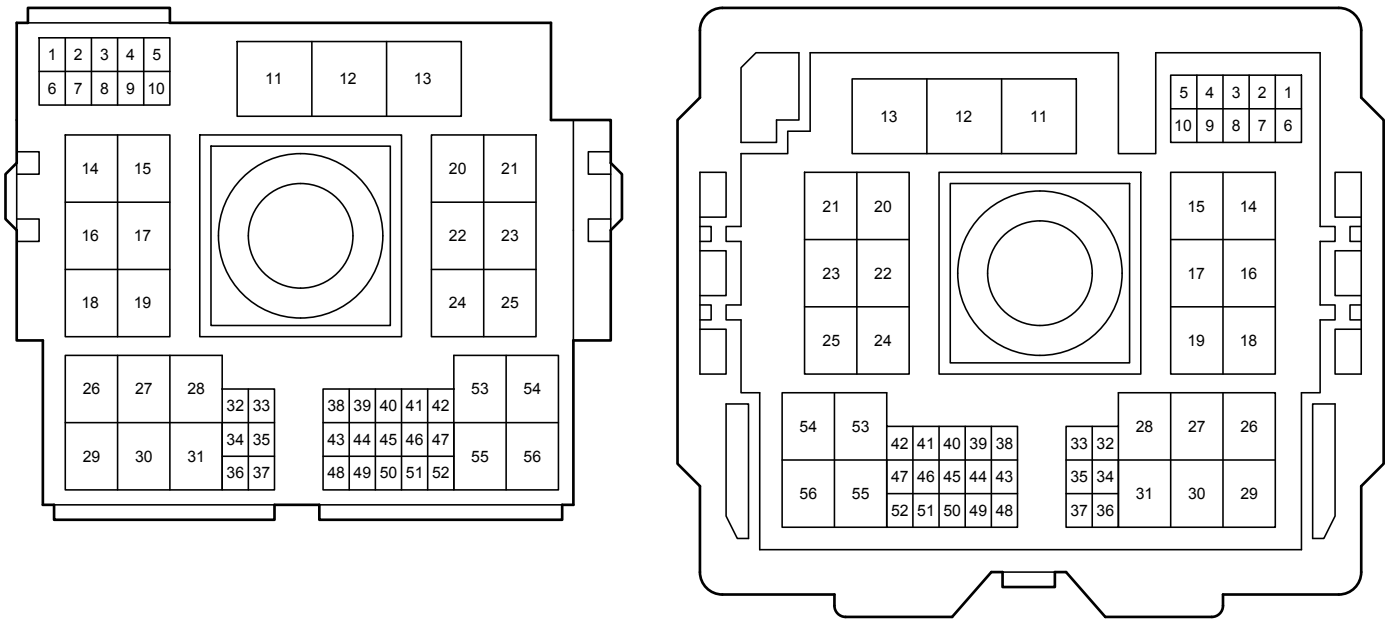
White



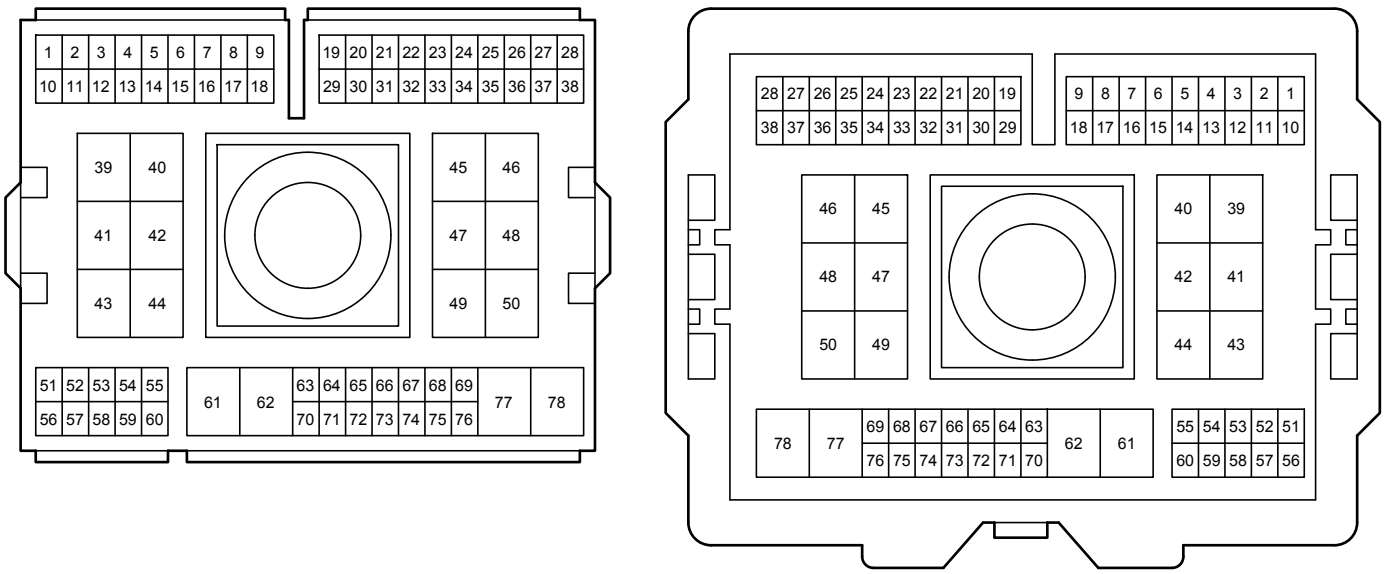
EK1

White

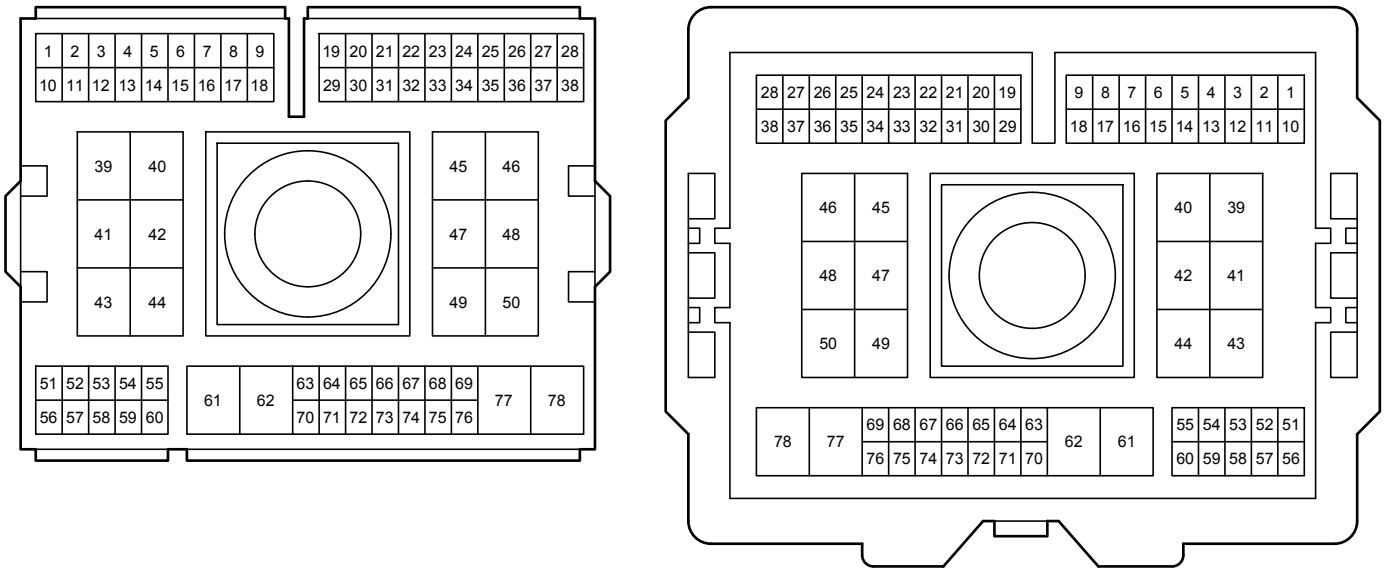
Blue



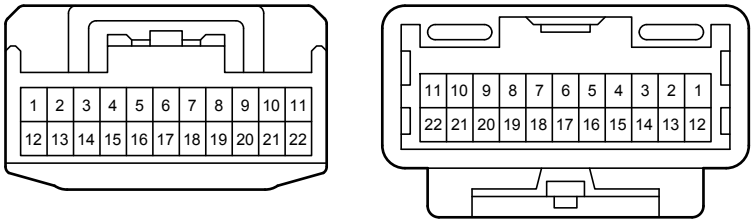
EK2
White



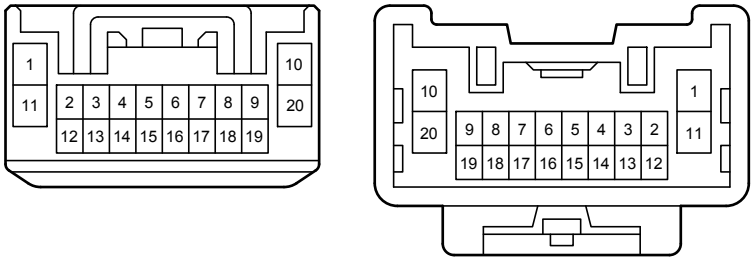
EL1
White



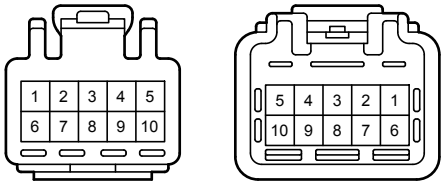
FE3
White



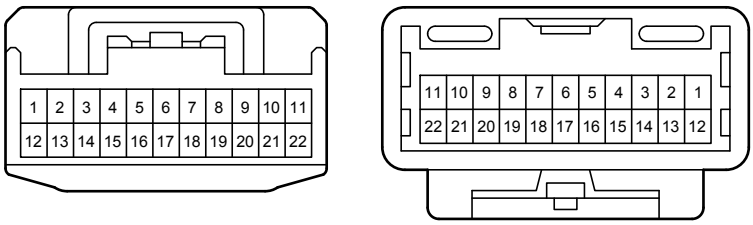
FE4
White



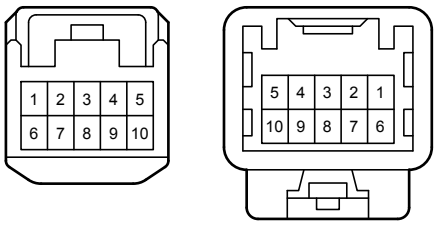
FE5
White



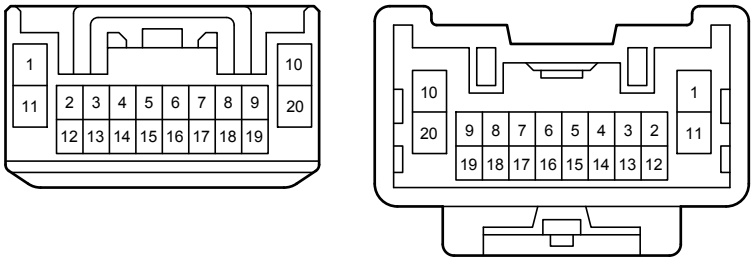
FL2
Blue



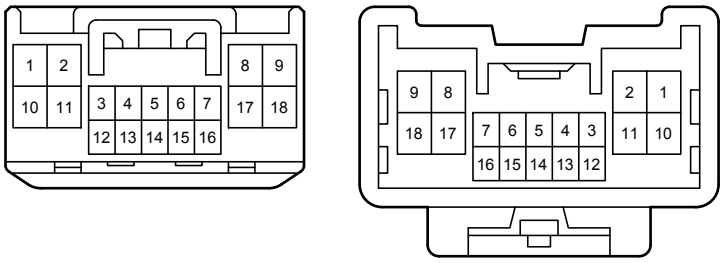
Fg1
Black

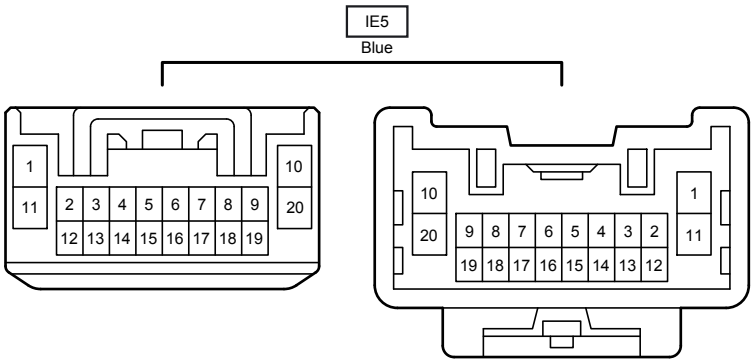


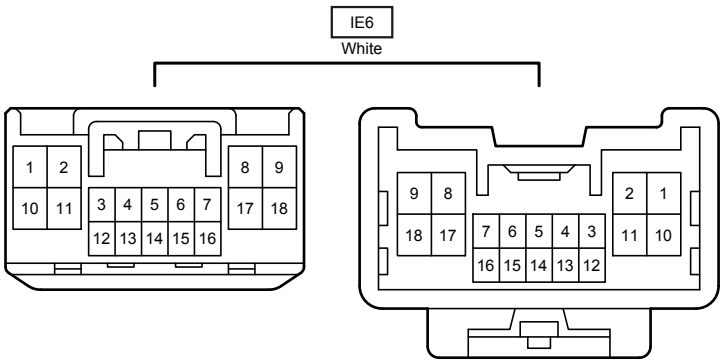
IE2
Blue

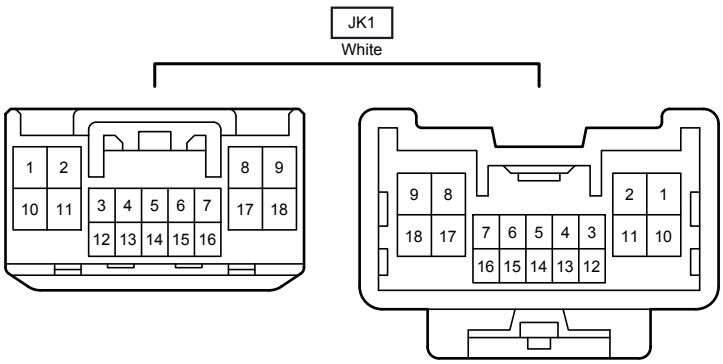


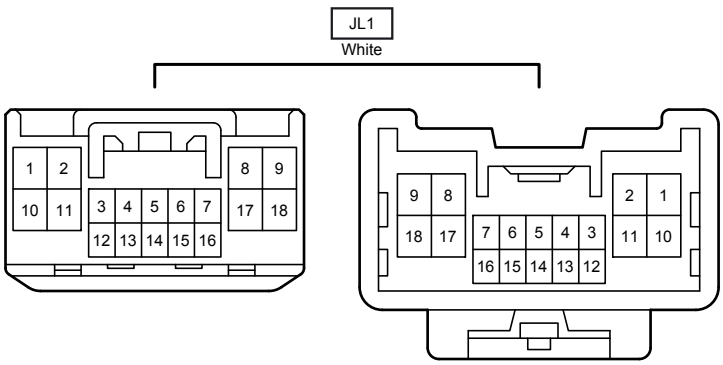
IE3
White



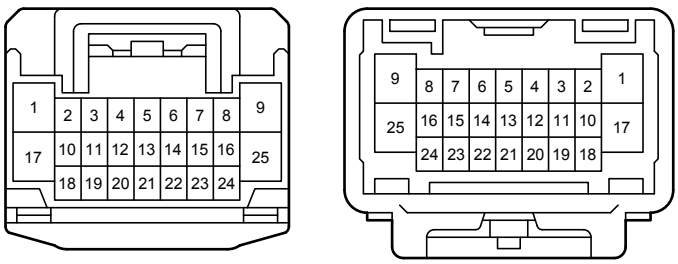

IE5
Blue
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11


IE6
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10

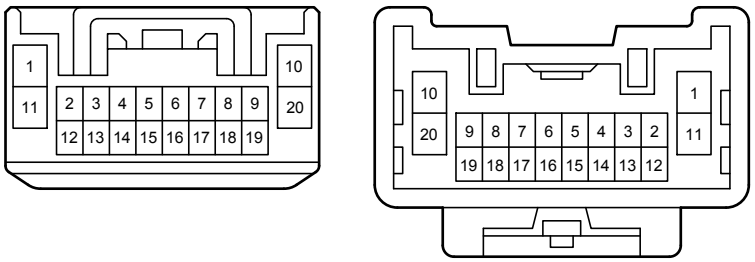

JK1
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10


JL1
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10

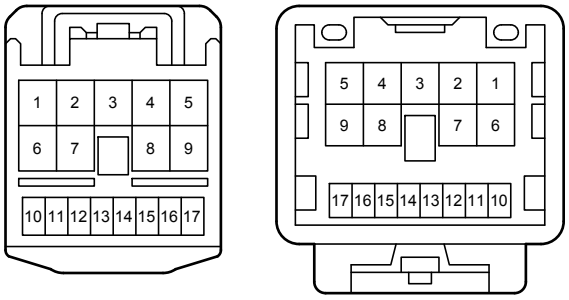
KL1
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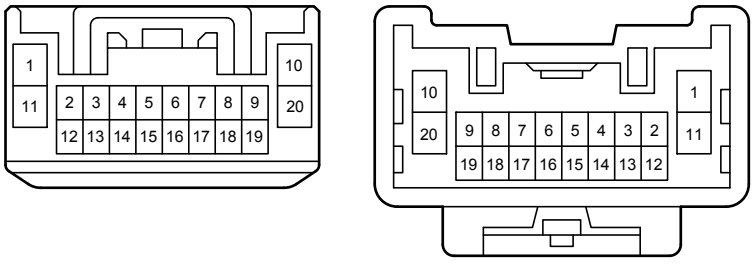
RE2
Blue

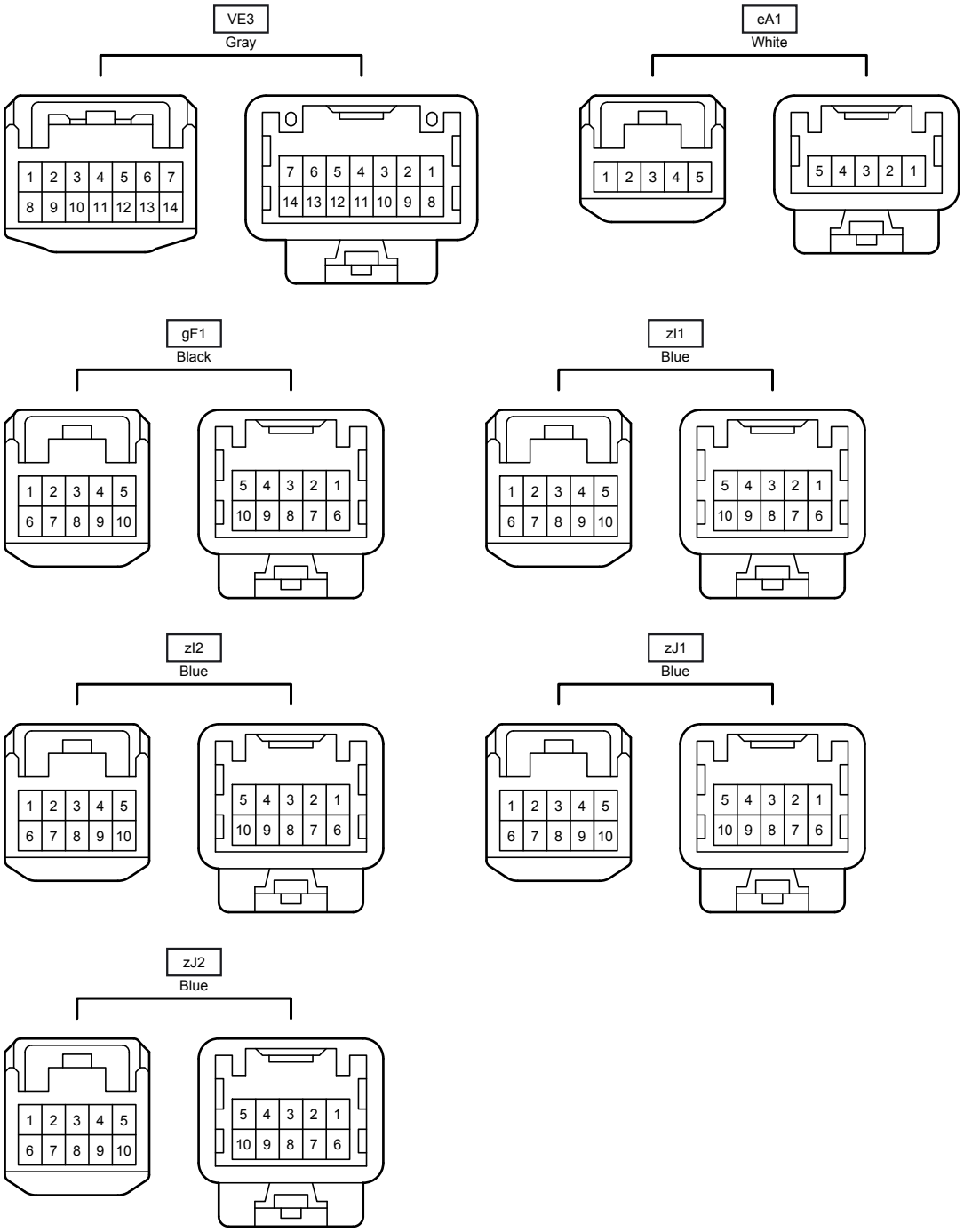


SK1
White

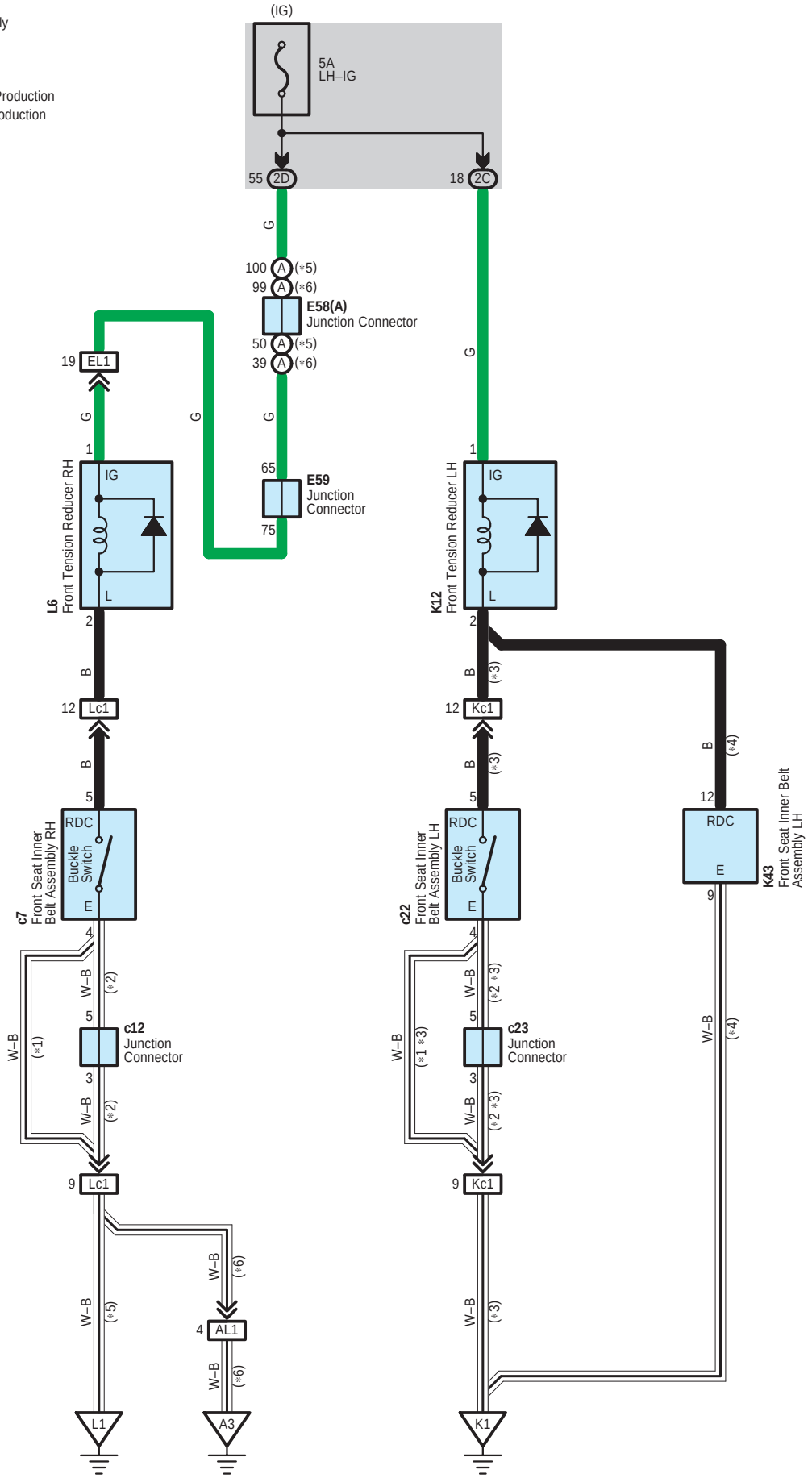


SK2
Blue

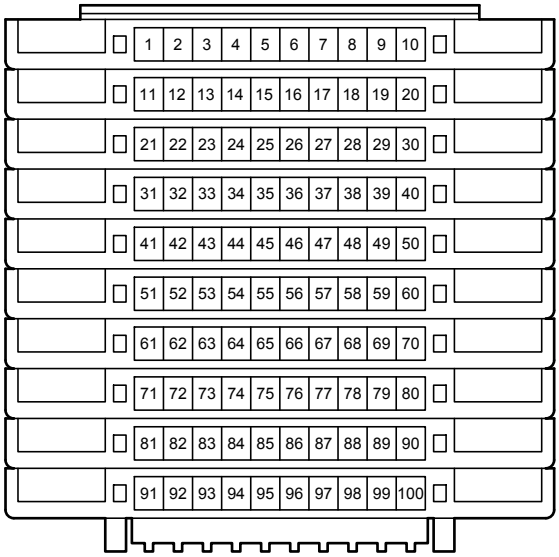



VE3
Gray
1 2 3 4 5 6 7
8 9 10 11 12 13 14
7 6 5 4 3 2 1
14 13 12 11 10 9 8
eA1
White
1 2 3 4 5
5 4 3 2 1
gF1
Black
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
zI1
Blue
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
zI2
Blue
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
zJ1
Blue
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
zJ2
Blue
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

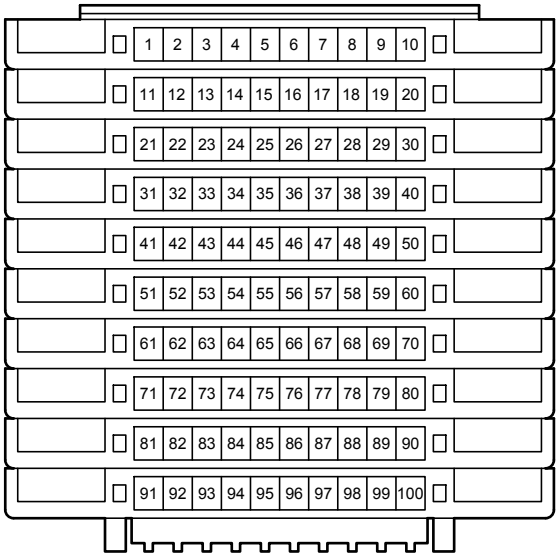
∗ 1 : Lumbar Support Only
∗ 2 : Except ∗1
∗ 3 : Liftgate Type
∗ 4 : Swing Type
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production



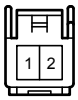
E 58



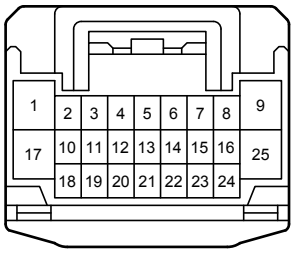
E 59



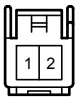
K 12
White



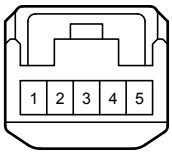
K 43
White



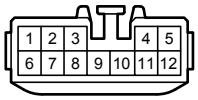
L 6
White



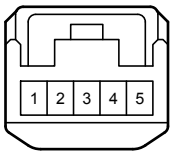
c 7
White



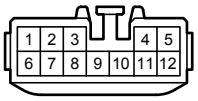
c 12
White



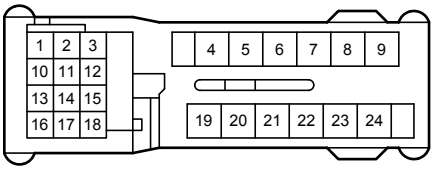
c 22
White



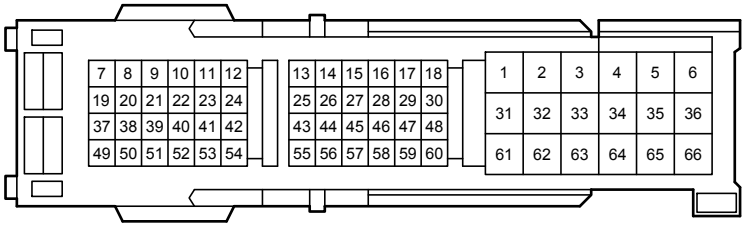
c 23
White



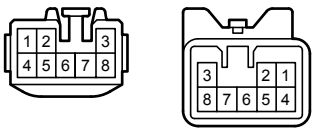
2C
White



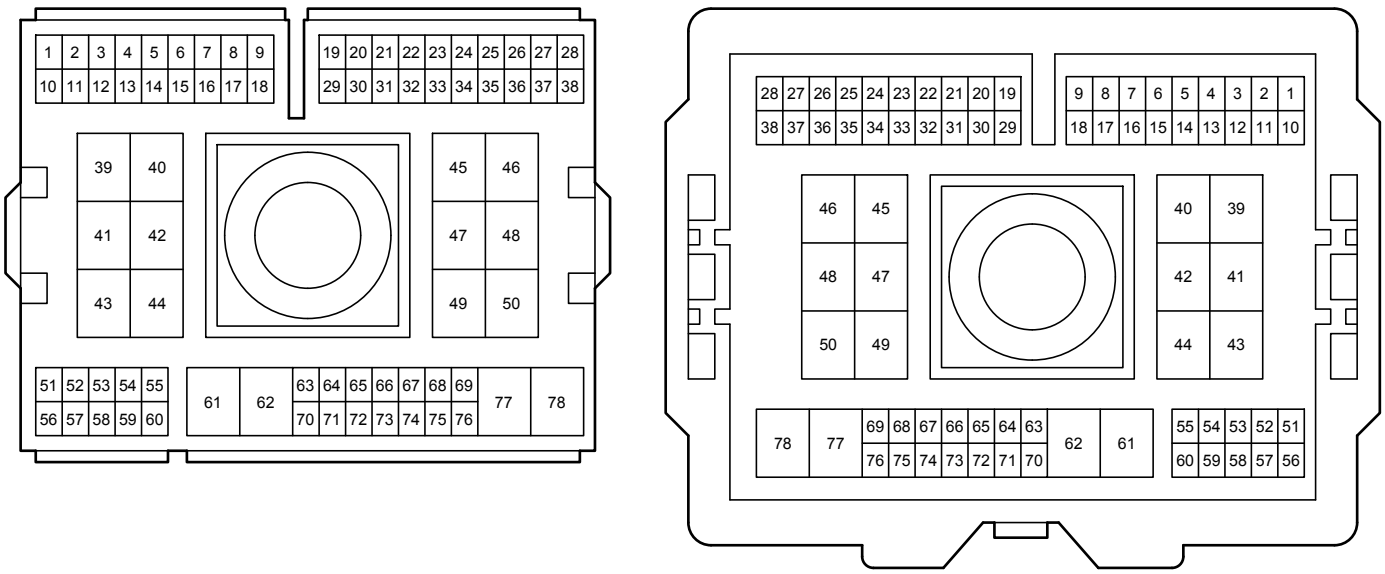
2D
White



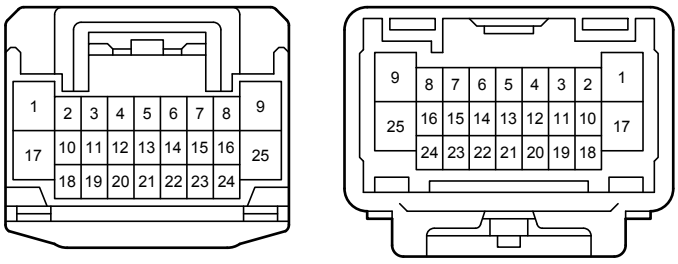
AL1
White



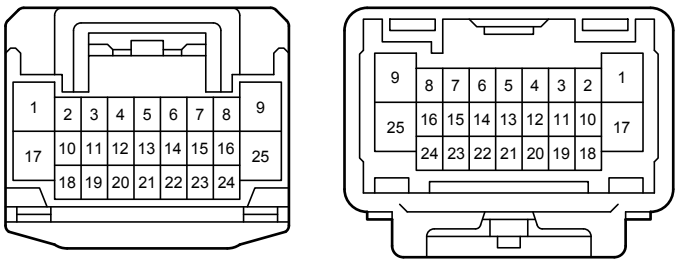
EL1
White

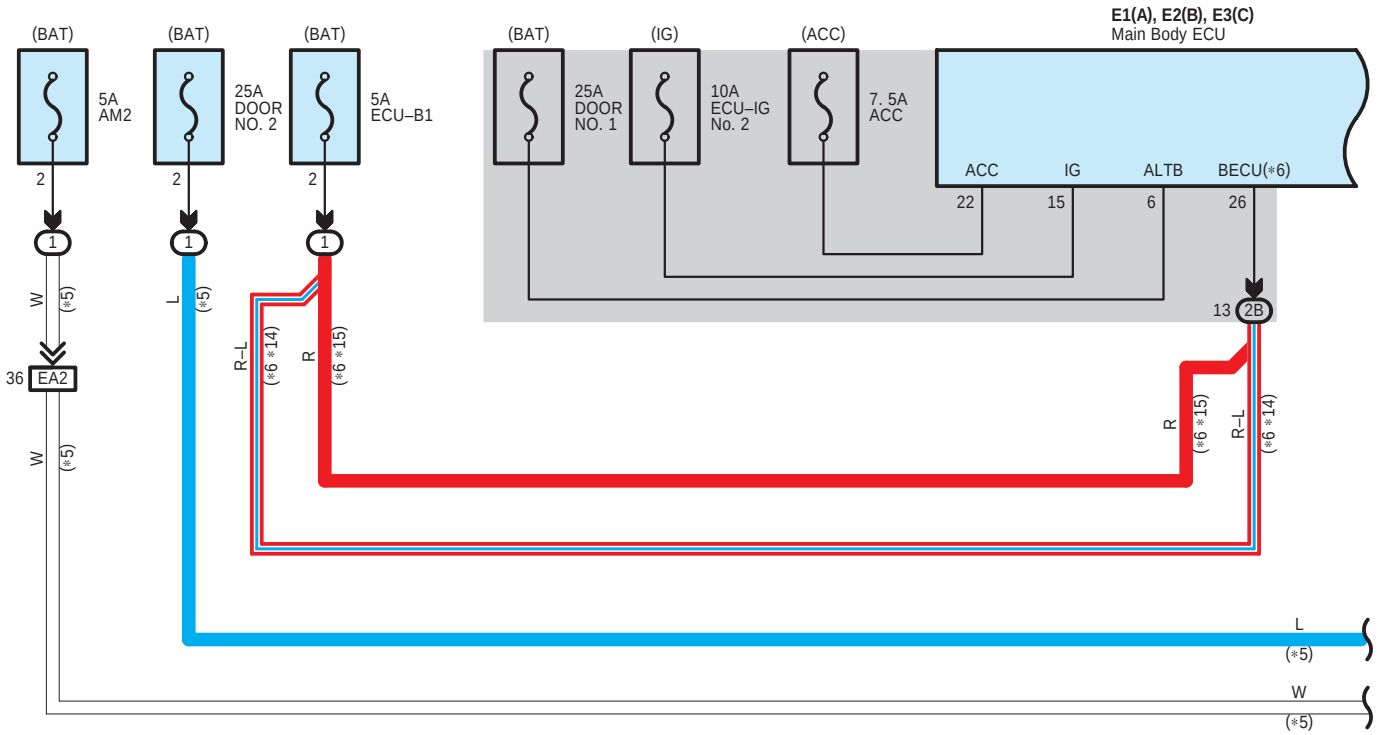


Kc1
White

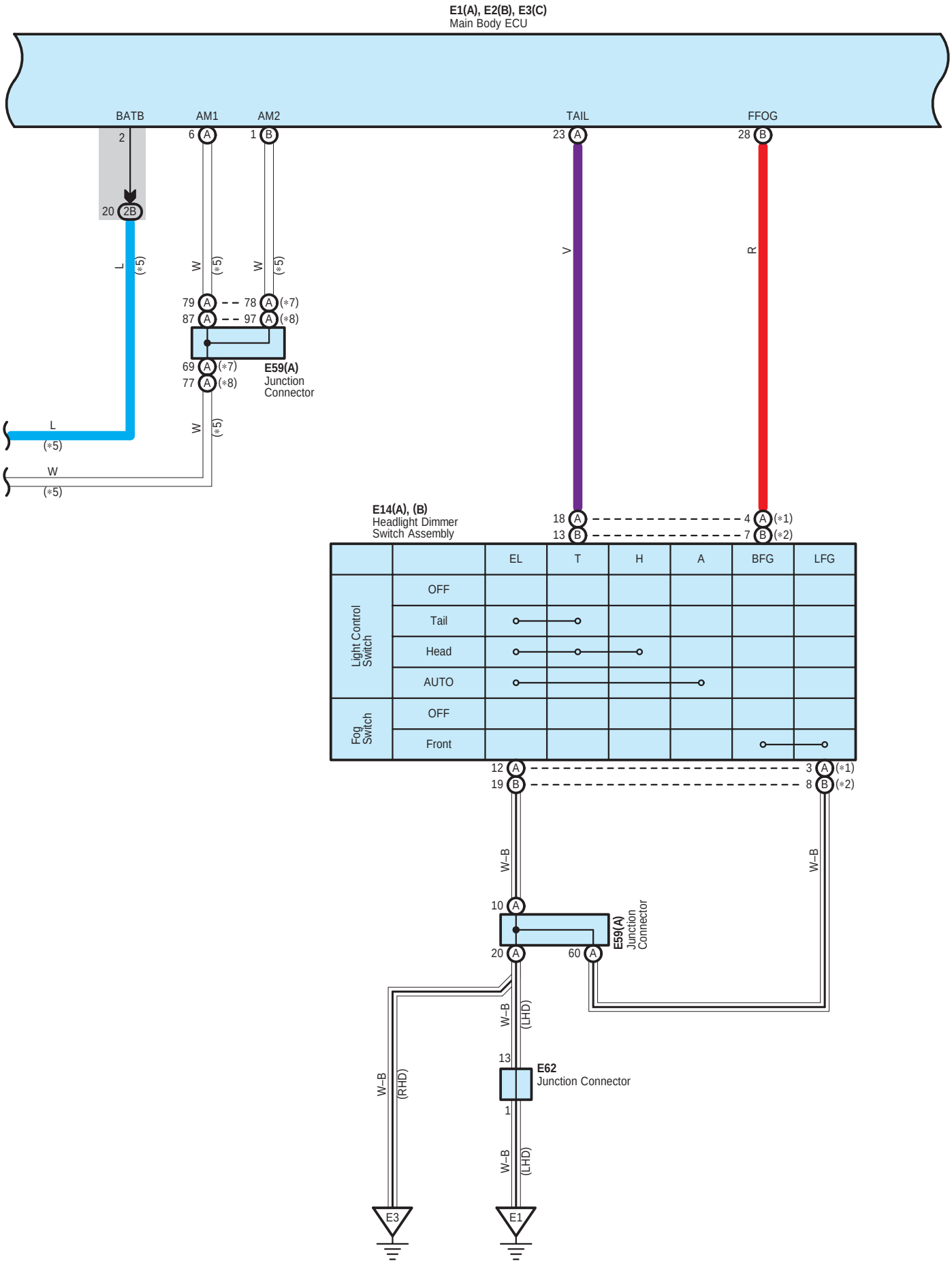


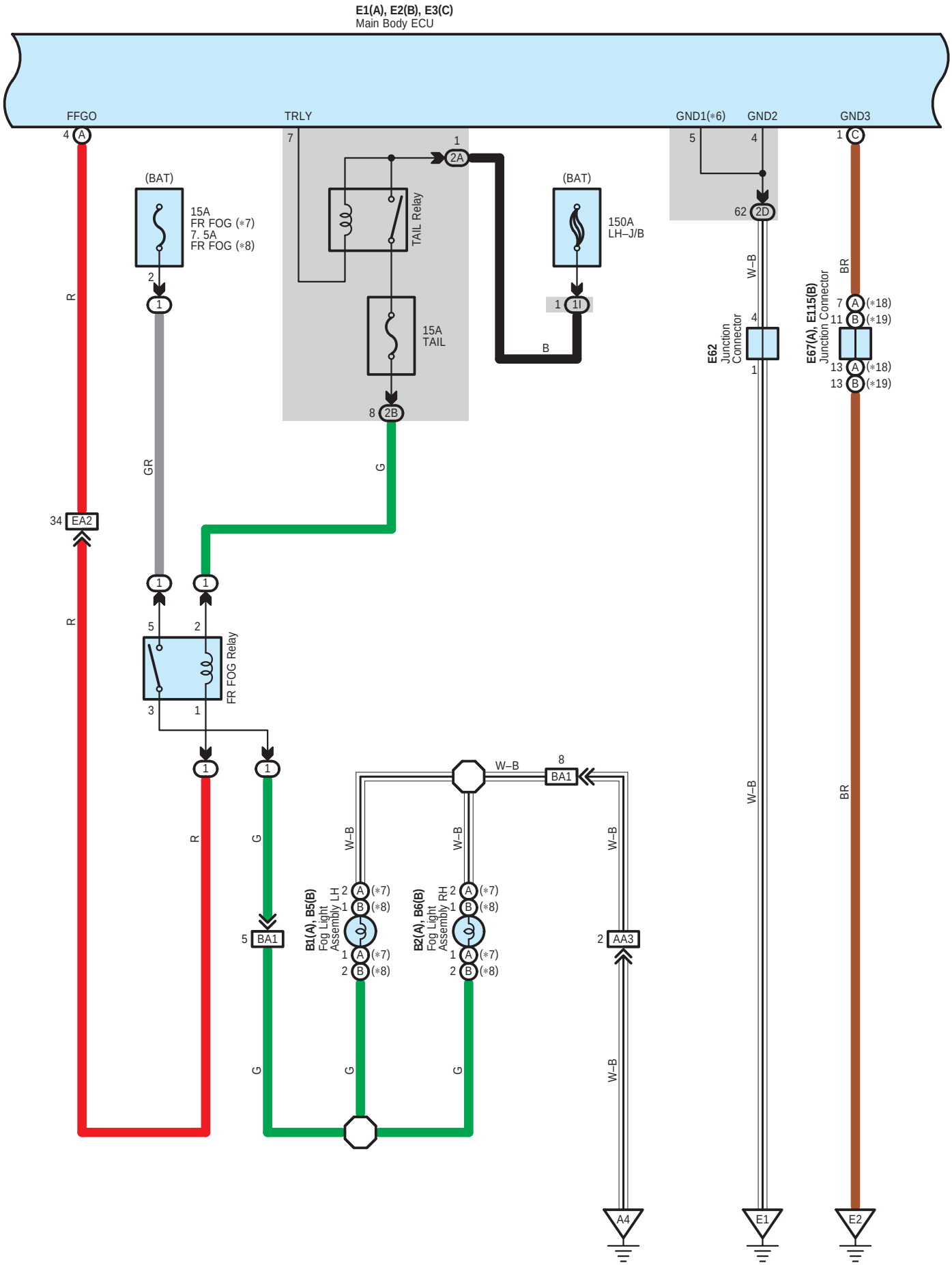
Lc1
White

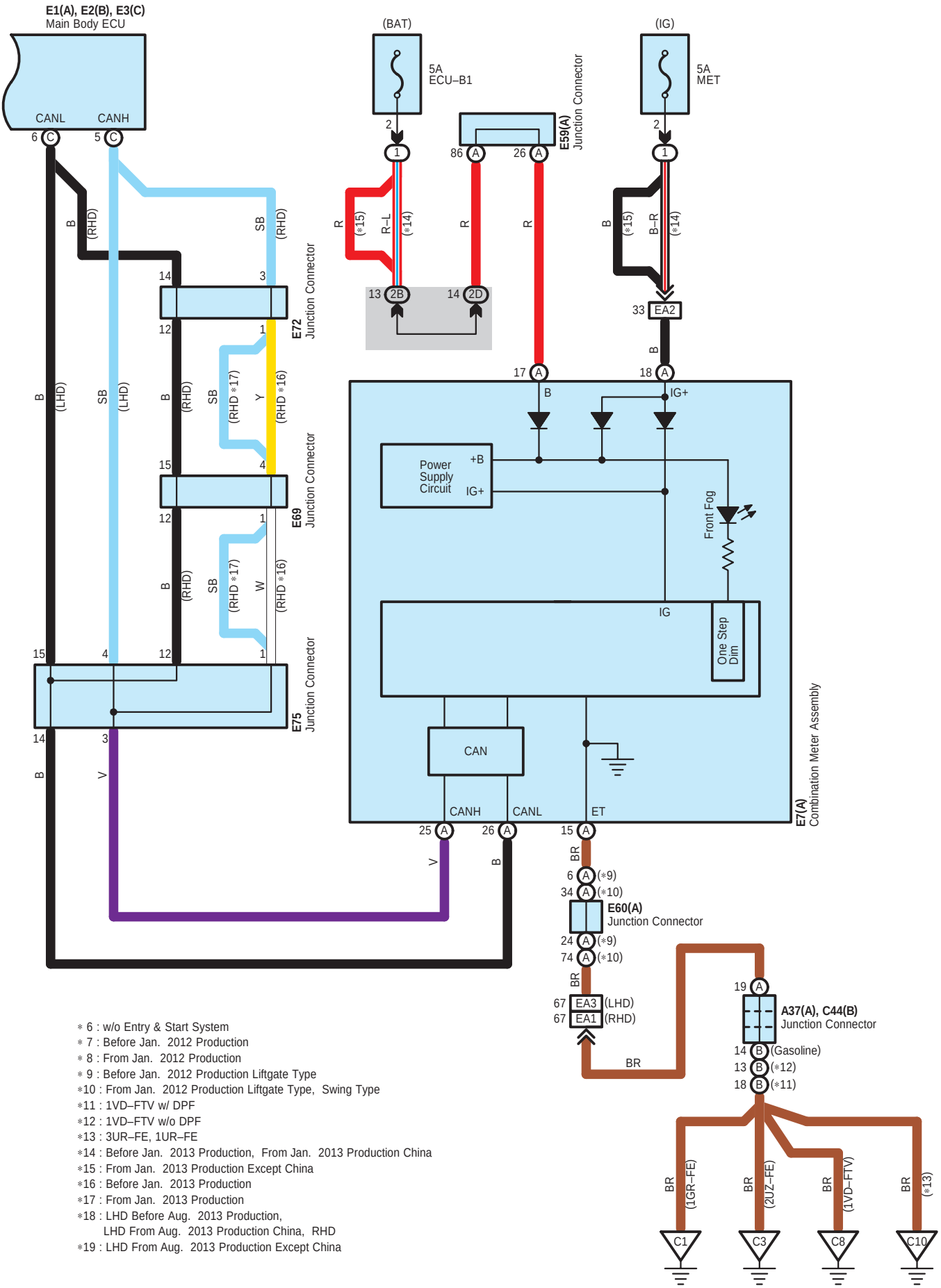




∗ 1 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
∗ 2 : RHD Headlight Dimmer Switch Assembly RH Side Type
∗ 5 : w/ Entry & Start System
∗ 6 : w/o Entry & Start System
∗ 7 : Before Jan. 2012 Production
∗ 8 : From Jan. 2012 Production
∗14 : Before Jan. 2013 Production, From Jan. 2013 Production China
∗15 : From Jan. 2013 Production Except China

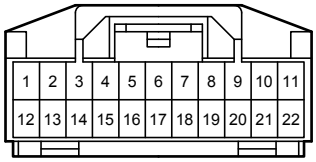

E1(A), E2(B), E3(C)
Main Body ECU
BATB
AM1
AM2
TAIL
FFOG
2
20 2B
6 A
1 B
23 A
28 B
L (*5)
W (*5)
W (*5)
V
R
79 A
87 A
78 A (*7)
97 A (*8)
69 A (*7)
77 A (*8)
E59(A)
Junction Connector
L (*5)
W (*5)
W (*5)
E14(A), (B)
Headlight Dimmer Switch Assembly
18 A
13 B
4 A (*1)
7 B (*2)
EL
T
H
A
BFG
LFG
Light Control Switch
OFF
Tail
Head
AUTO
Fog Switch
OFF
Front
12 A
19 B
3 A (*1)
8 B (*2)
W–B
W–B
10 A
20 A
60 A
E59(A)
Junction Connector
W–B (LHD)
W–B (RHD)
13
E62
Junction Connector
1
W–B (LHD)
E3
E1


E1(A), E2(B), E3(C)
Main Body ECU
FFGO
TRLY
GND1(*6)
GND2
GND3
(BAT)
15A
FR FOG (*7)
7. 5A
FR FOG (*8)
TAIL Relay
15A
TAIL
(BAT)
150A
LH–J/B
E62
Junction
Connector
E67(A), E115(B)
Junction Connector
FR FOG Relay
B1(A), B5(B)
Fog Light
Assembly LH
B2(A), B6(B)
Fog Light
Assembly RH
EA2
BA1
AA3
A4
E1
E2
R
GR
G
W–B
BR

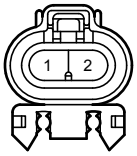


∗ 6 : w/o Entry & Start System
∗ 7 : Before Jan. 2012 Production
∗ 8 : From Jan. 2012 Production
∗ 9 : Before Jan. 2012 Production Liftgate Type
∗10 : From Jan. 2012 Production Liftgate Type, Swing Type
∗11 : 1VD–FTV w/ DPF
∗12 : 1VD–FTV w/o DPF
∗13 : 3UR–FE, 1UR–FE
∗14 : Before Jan. 2013 Production, From Jan. 2013 Production China
∗15 : From Jan. 2013 Production Except China
∗16 : Before Jan. 2013 Production
∗17 : From Jan. 2013 Production
∗18 : LHD Before Aug. 2013 Production,
LHD From Aug. 2013 Production China, RHD
∗19 : LHD From Aug. 2013 Production Except China

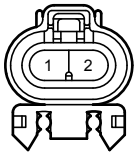
A 37
Blue



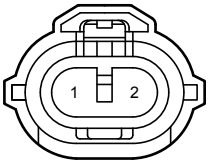
B 1
Brown



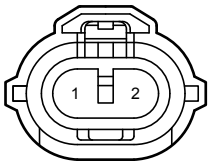
B 2
Brown



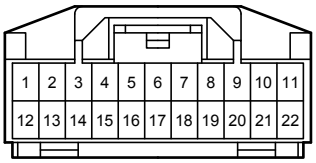
B 5
Black



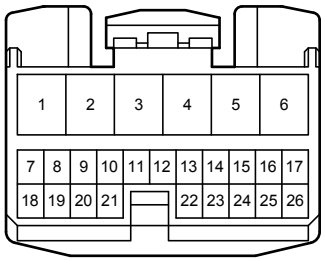
B 6
Black



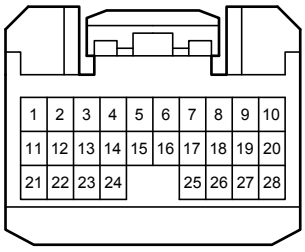
C 44
Blue



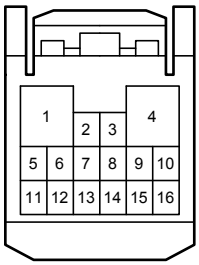
E 1
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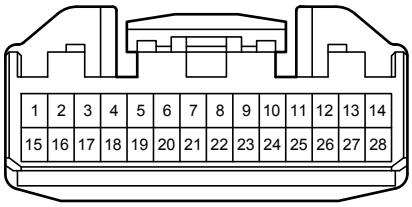
E 2
White



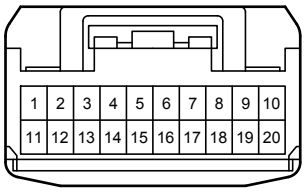
E 3
White



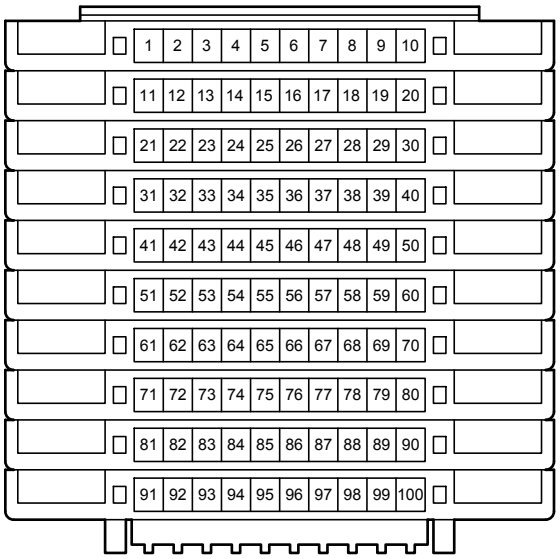
E 7
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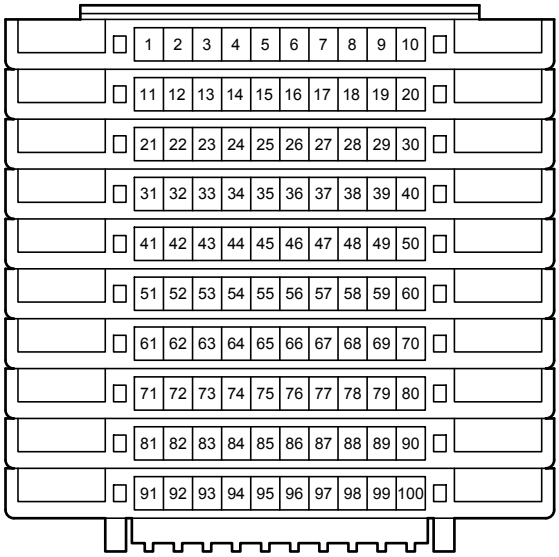
E 14
White



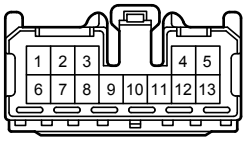
E 59



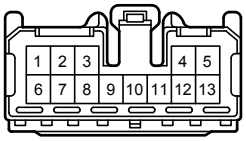
E 60



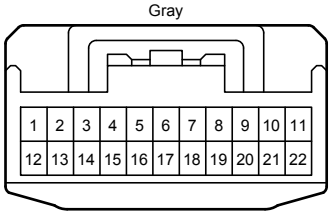
E 62
White



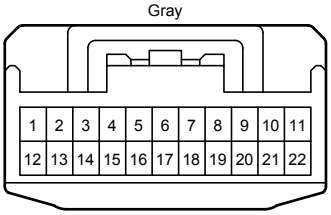
E 67
White



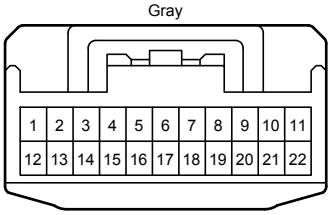
E 69
Gray



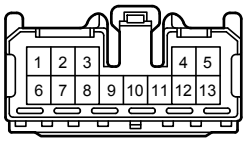
E 72
Gray



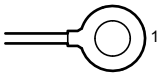
E 75
Gray



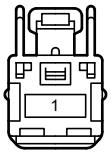
E115
White



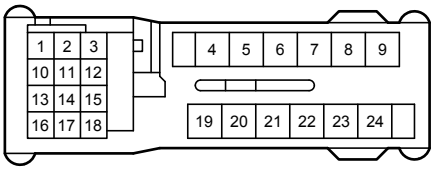
1I



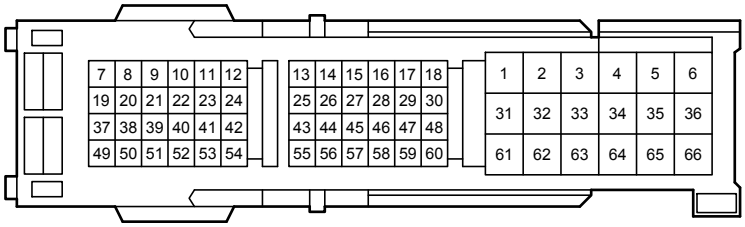
2A
White



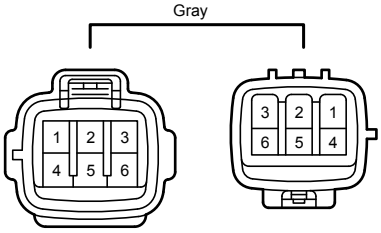
2B
White



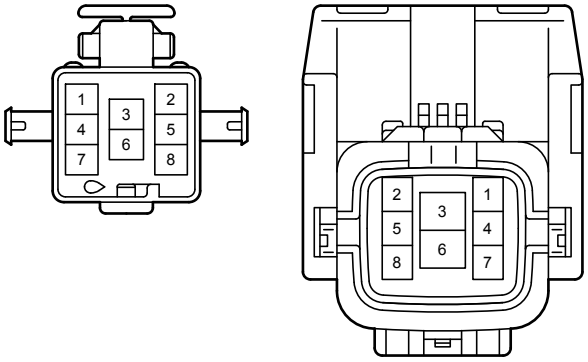
2D
White



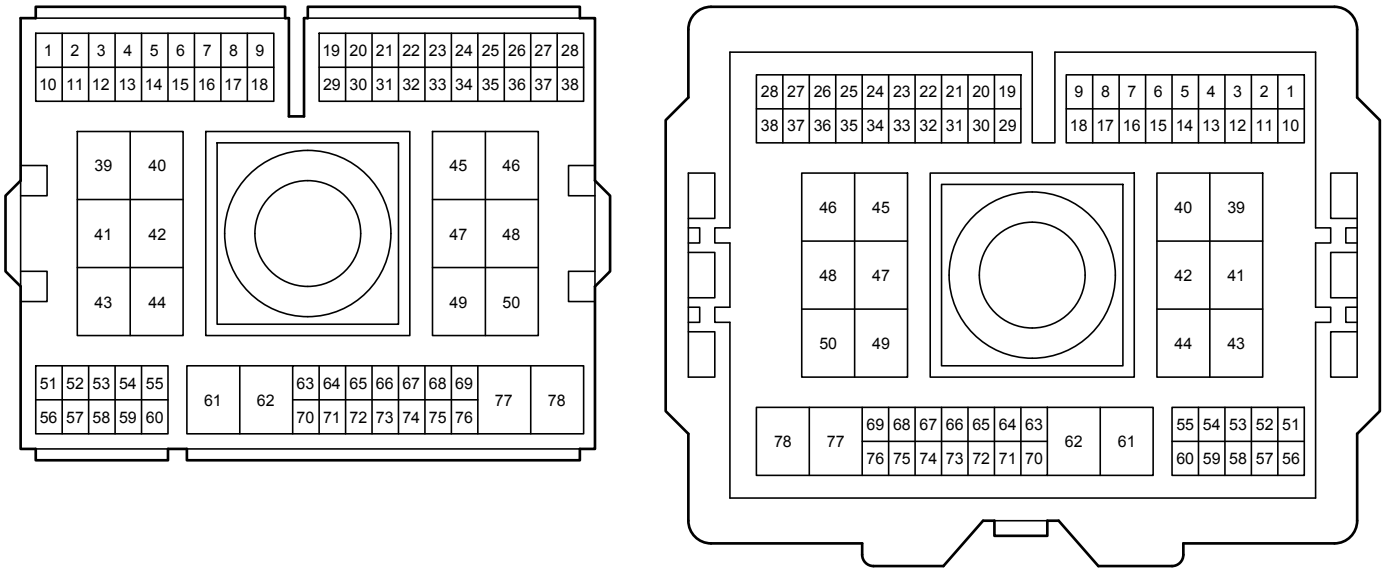
AA3
Gray



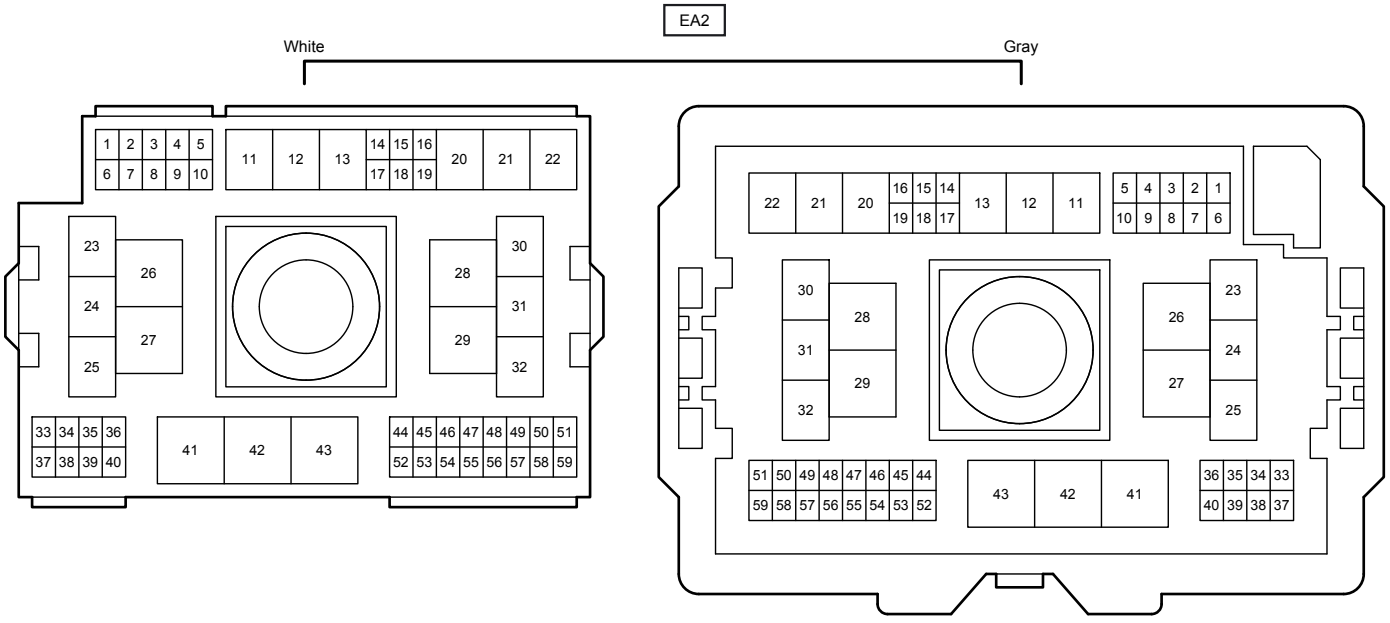
BA1
Black

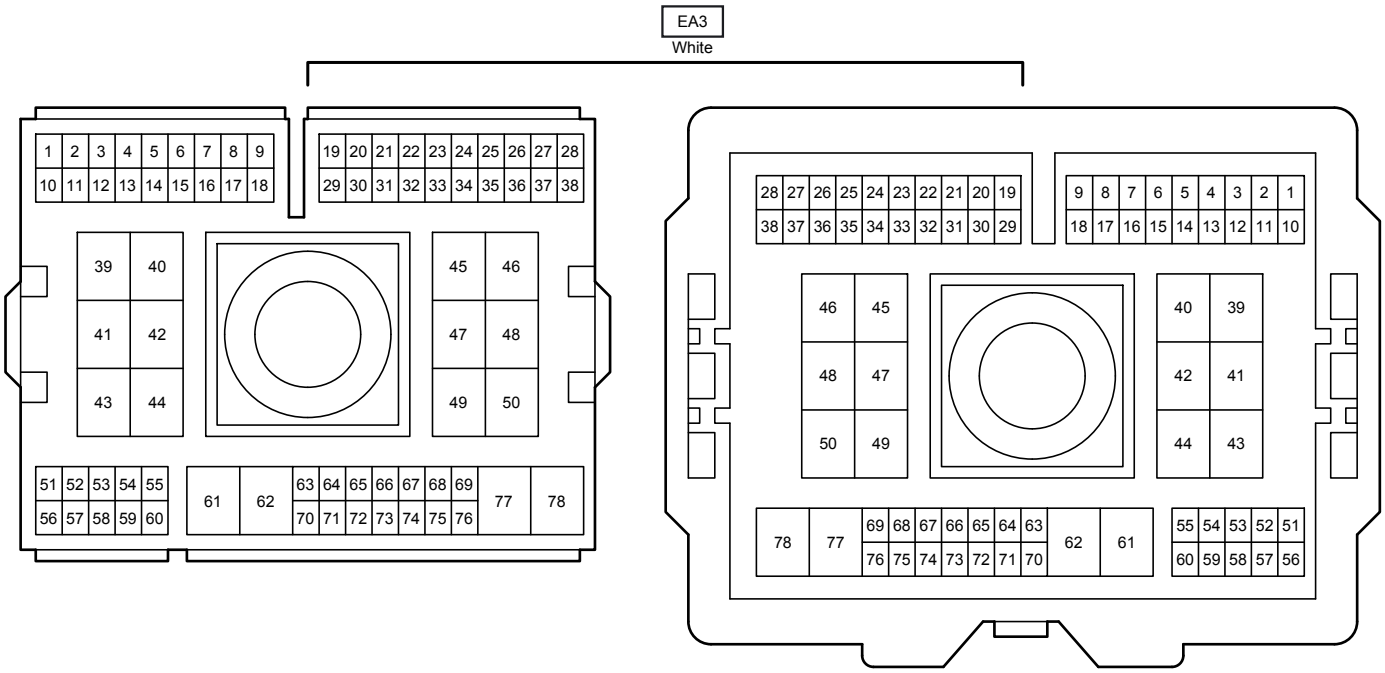


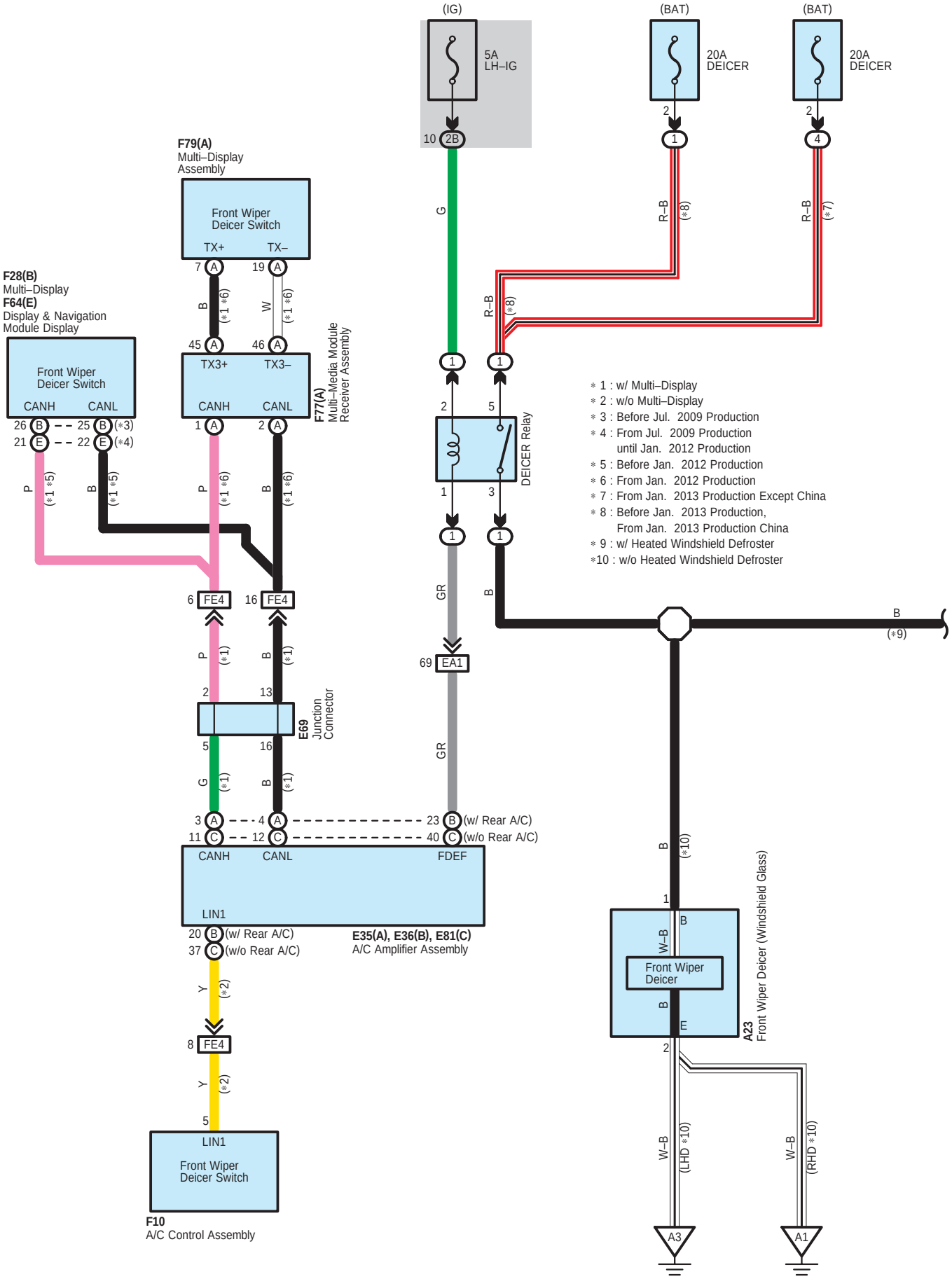
EA1
White

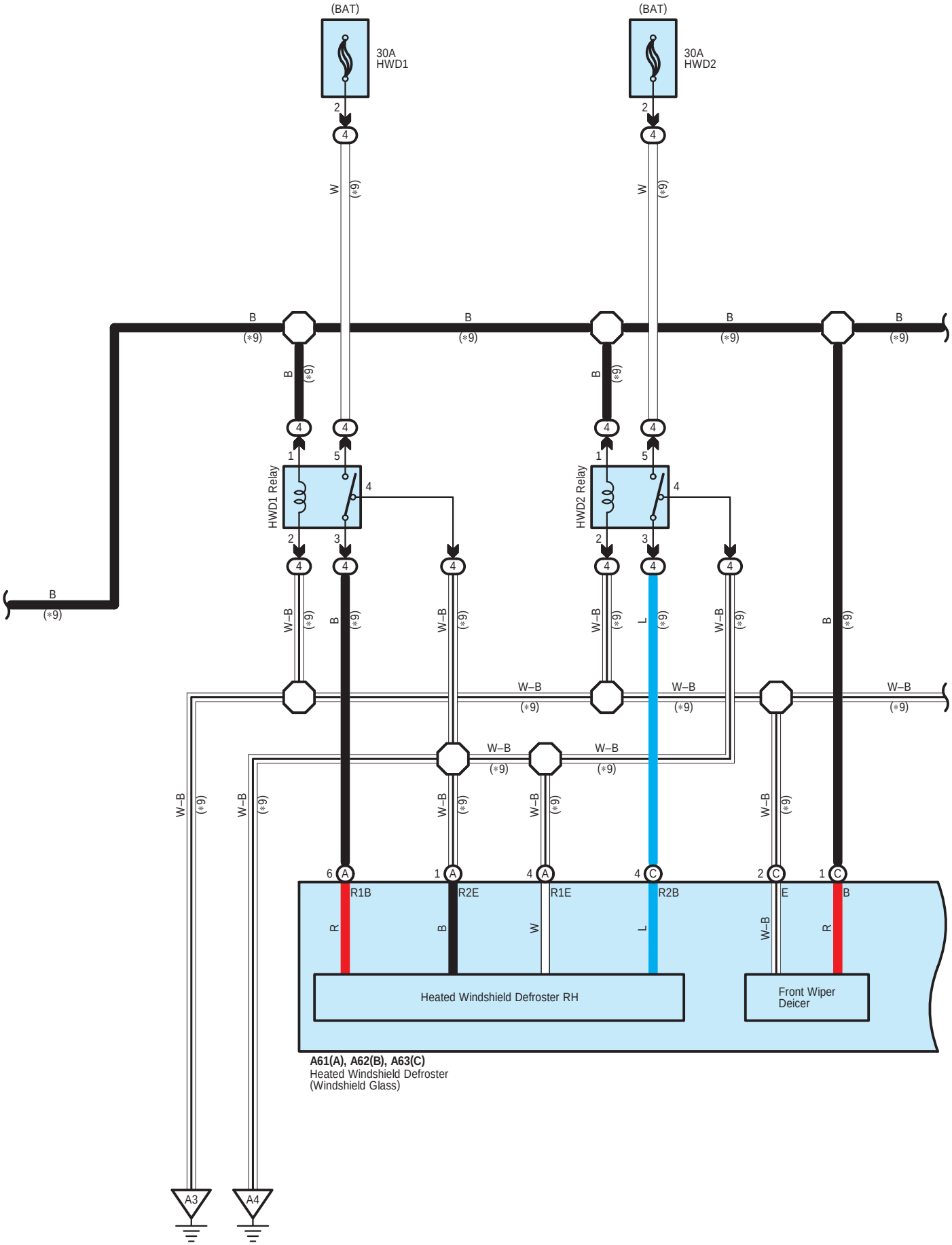


EA2
White Gray

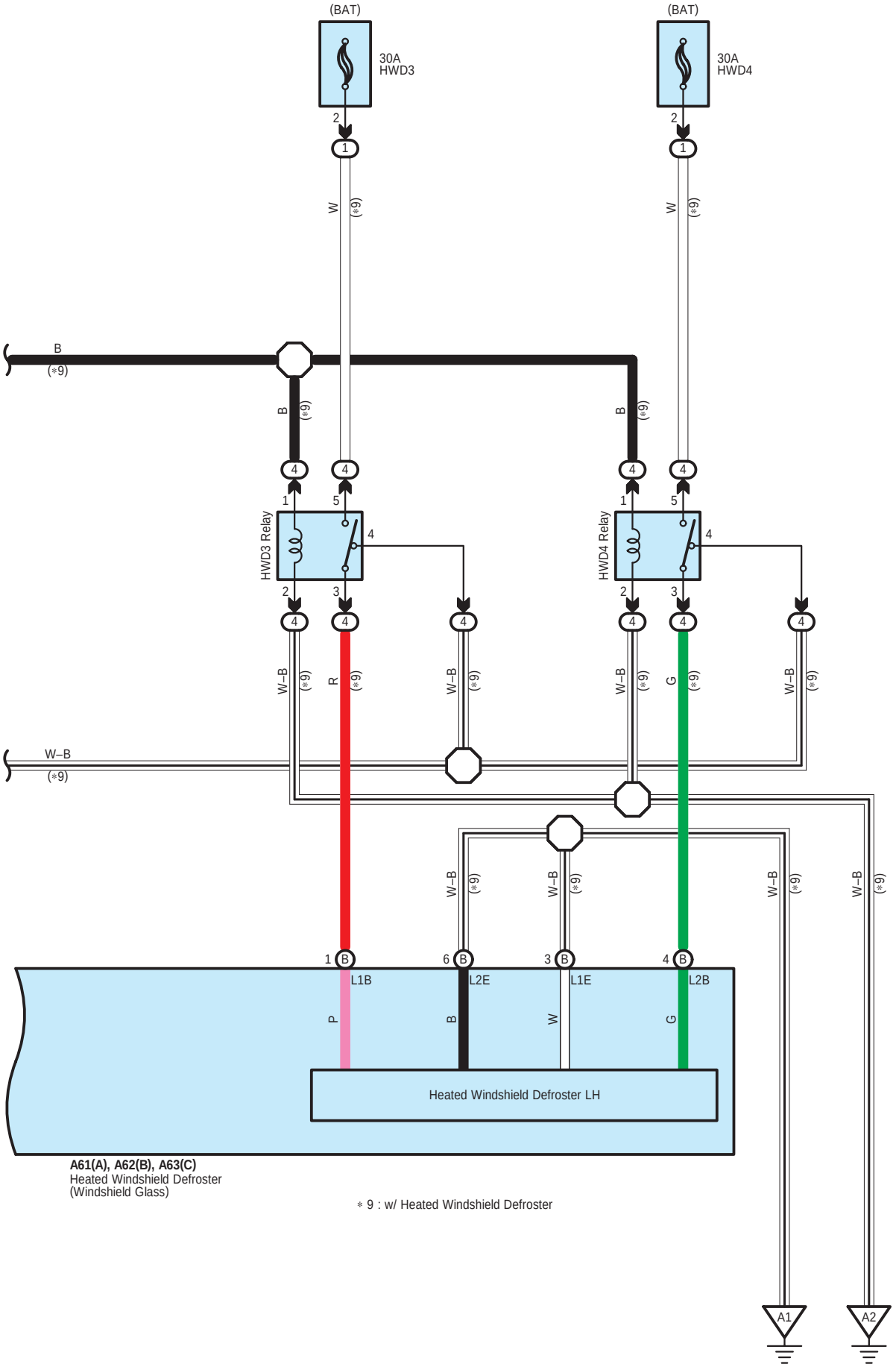



EA3
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45
48 47
50 49
40 39
42 41
44 43
78 77
69 68 67 66 65 64 63
76 75 74 73 72 71 70
62 61
55 54 53 52 51
60 59 58 57 56


(IG)
5A
LH–IG
(BAT)
20A
DEICER
(BAT)
20A
DEICER
F79(A)
Multi–Display
Assembly
Front Wiper
Deicer Switch
TX+
TX–
F28(B)
Multi–Display
F64(E)
Display & Navigation
Module Display
Front Wiper
Deicer Switch
CANH
CANL
F77(A)
Multi–Media Module
Receiver Assembly
TX3+
TX3–
CANH
CANL
DEICER Relay
∗ 1 : w/ Multi–Display
∗ 2 : w/o Multi–Display
∗ 3 : Before Jul. 2009 Production
∗ 4 : From Jul. 2009 Production
until Jan. 2012 Production
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 7 : From Jan. 2013 Production Except China
∗ 8 : Before Jan. 2013 Production,
From Jan. 2013 Production China
∗ 9 : w/ Heated Windshield Defroster
∗10 : w/o Heated Windshield Defroster
E69
Junction
Connector
E35(A), E36(B), E81(C)
A/C Amplifier Assembly
CANH
CANL
FDEF
LIN1
(w/ Rear A/C)
(w/o Rear A/C)
F10
A/C Control Assembly
LIN1
Front Wiper
Deicer Switch
A23
Front Wiper Deicer (Windshield Glass)
Front Wiper
Deicer
(LHD ∗10)
(RHD ∗10)
A3
A1



A61(A), A62(B), A63(C)
Heated Windshield Defroster
(Windshield Glass)



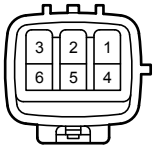
A61(A), A62(B), A63(C)
Heated Windshield Defroster
(Windshield Glass)

* 9 : w/ Heated Windshield Defroster

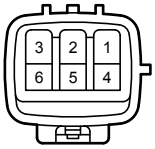
A 23
Gray



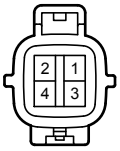
A 61
Black



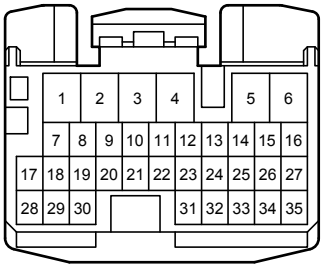
A 62
Gray



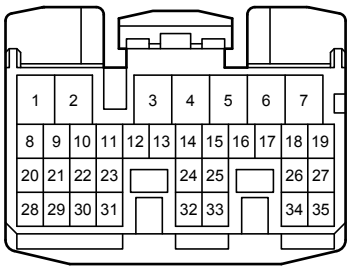
A 63
Gray



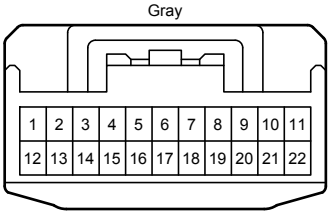
E 35
White



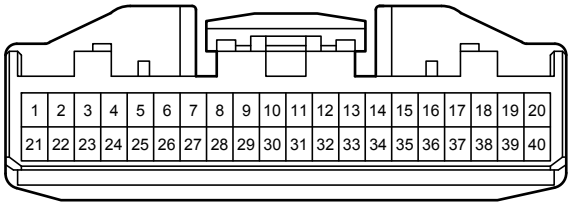
E 36
White



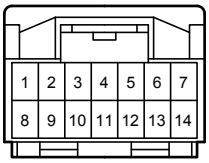
E 69
Gray



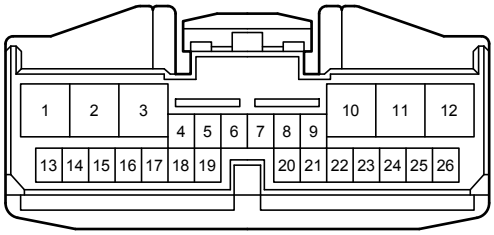
E 81
White



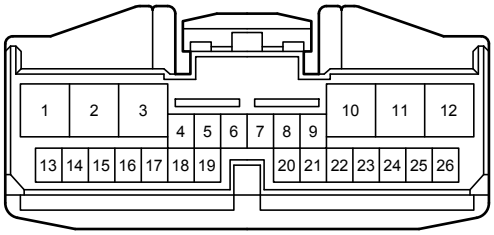
F 10
White



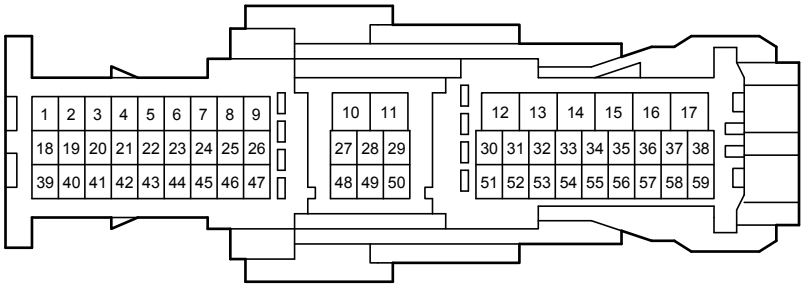
F 28
White



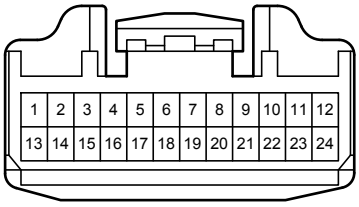
F 64
White



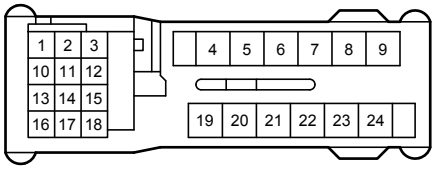
F 77
White



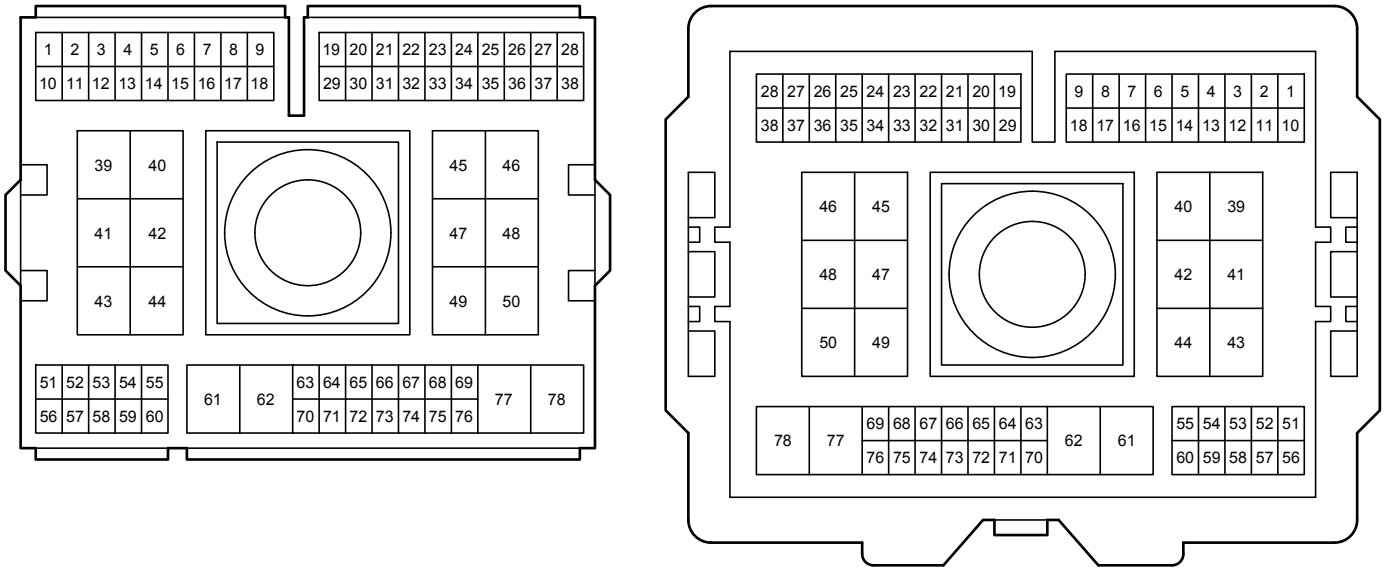
F 79
White



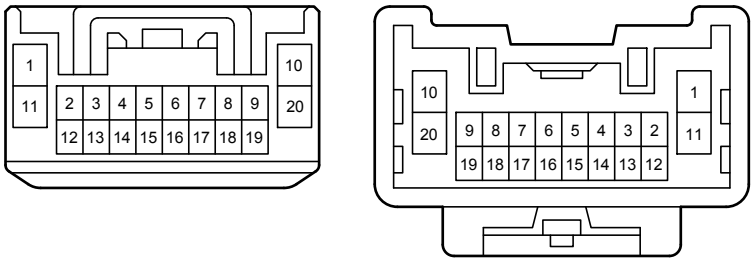
2B
White

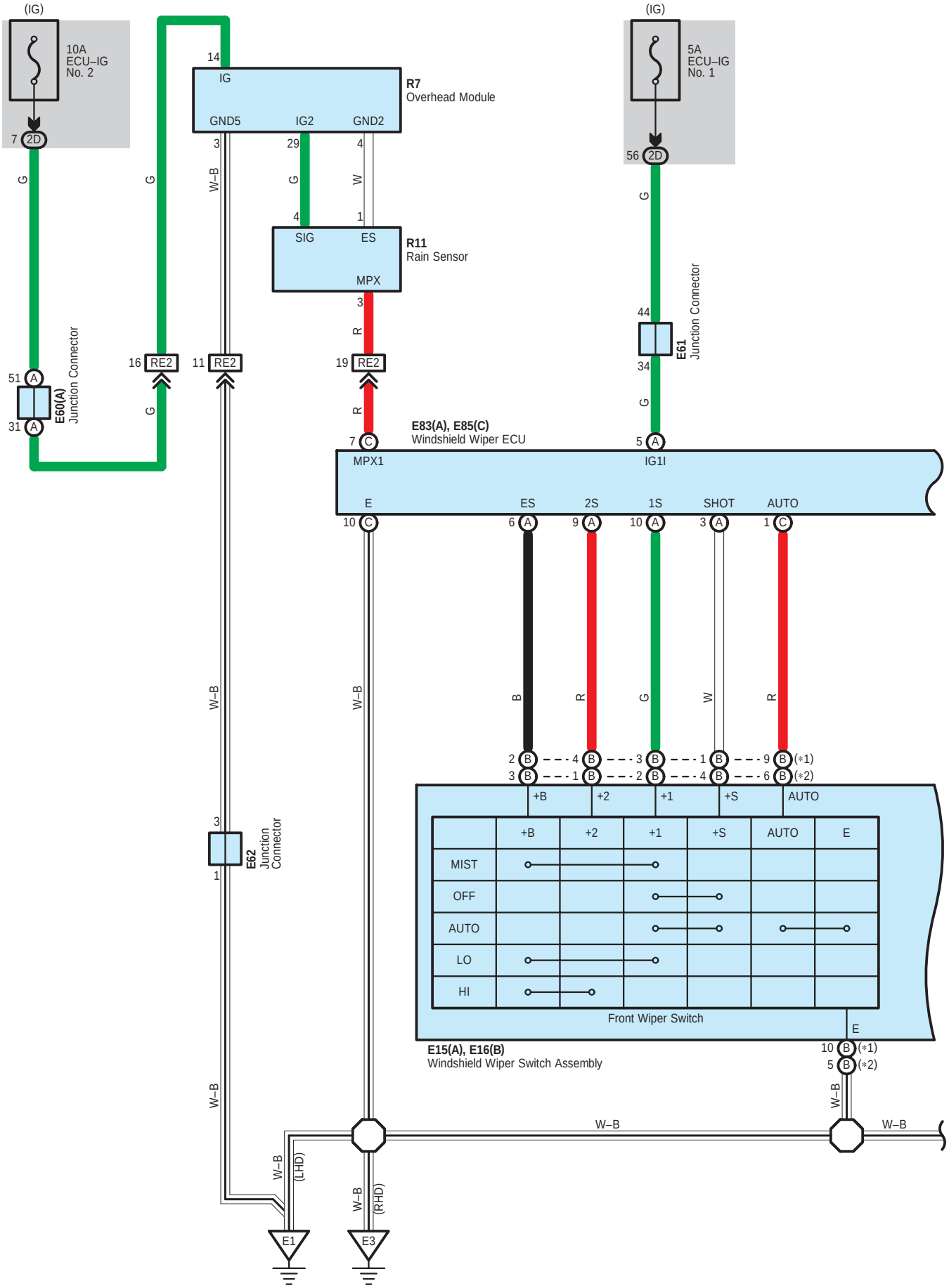


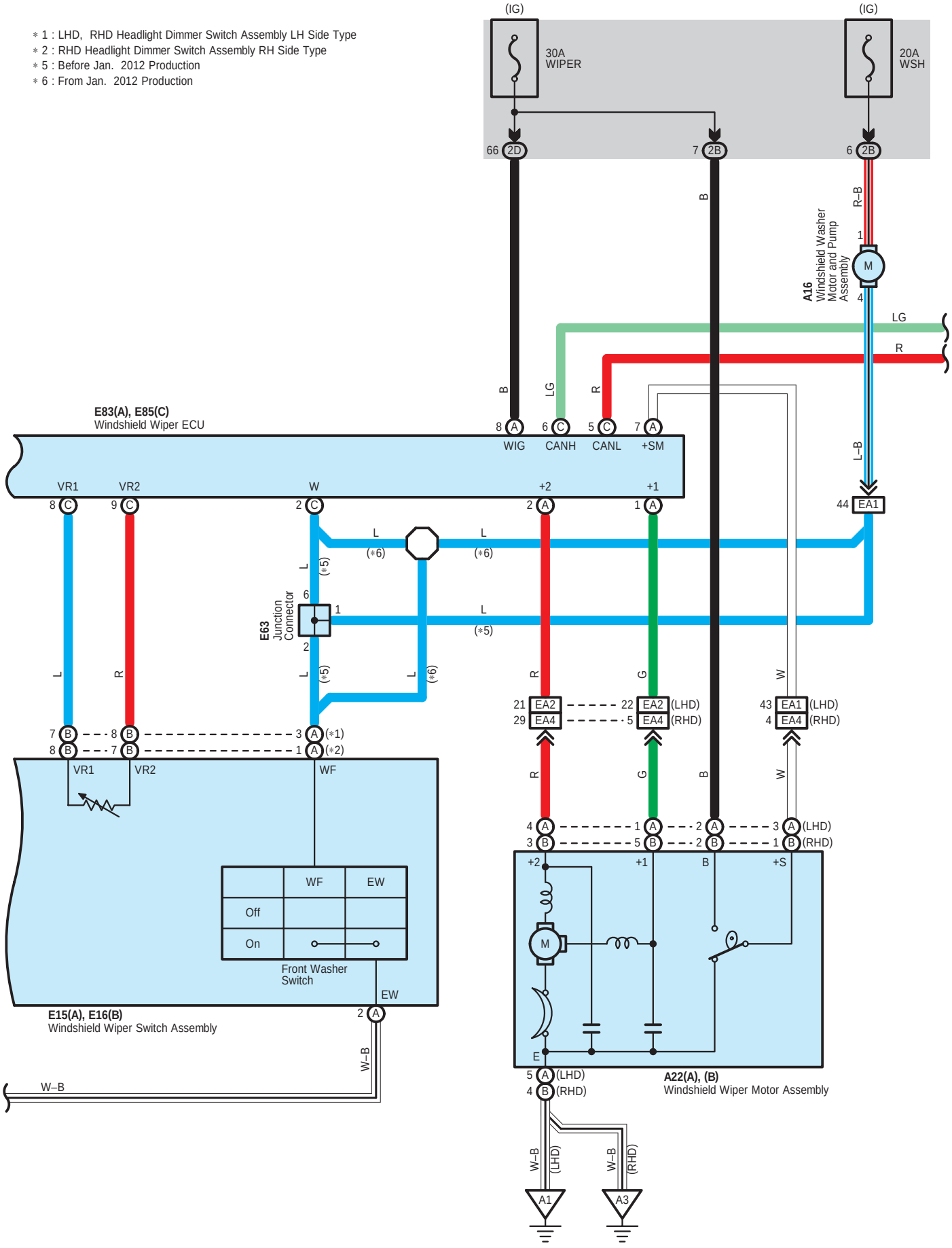
EA1
White

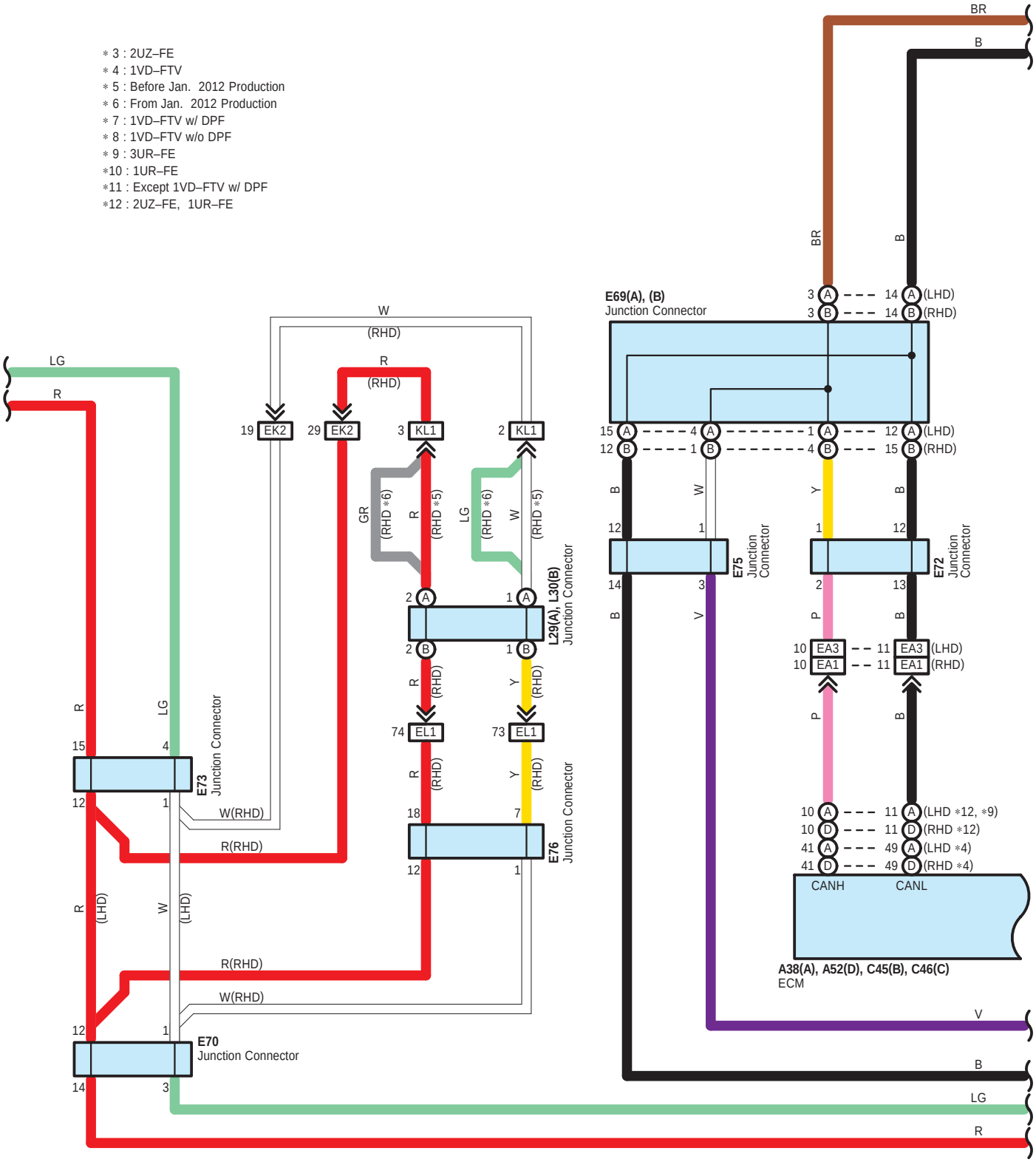


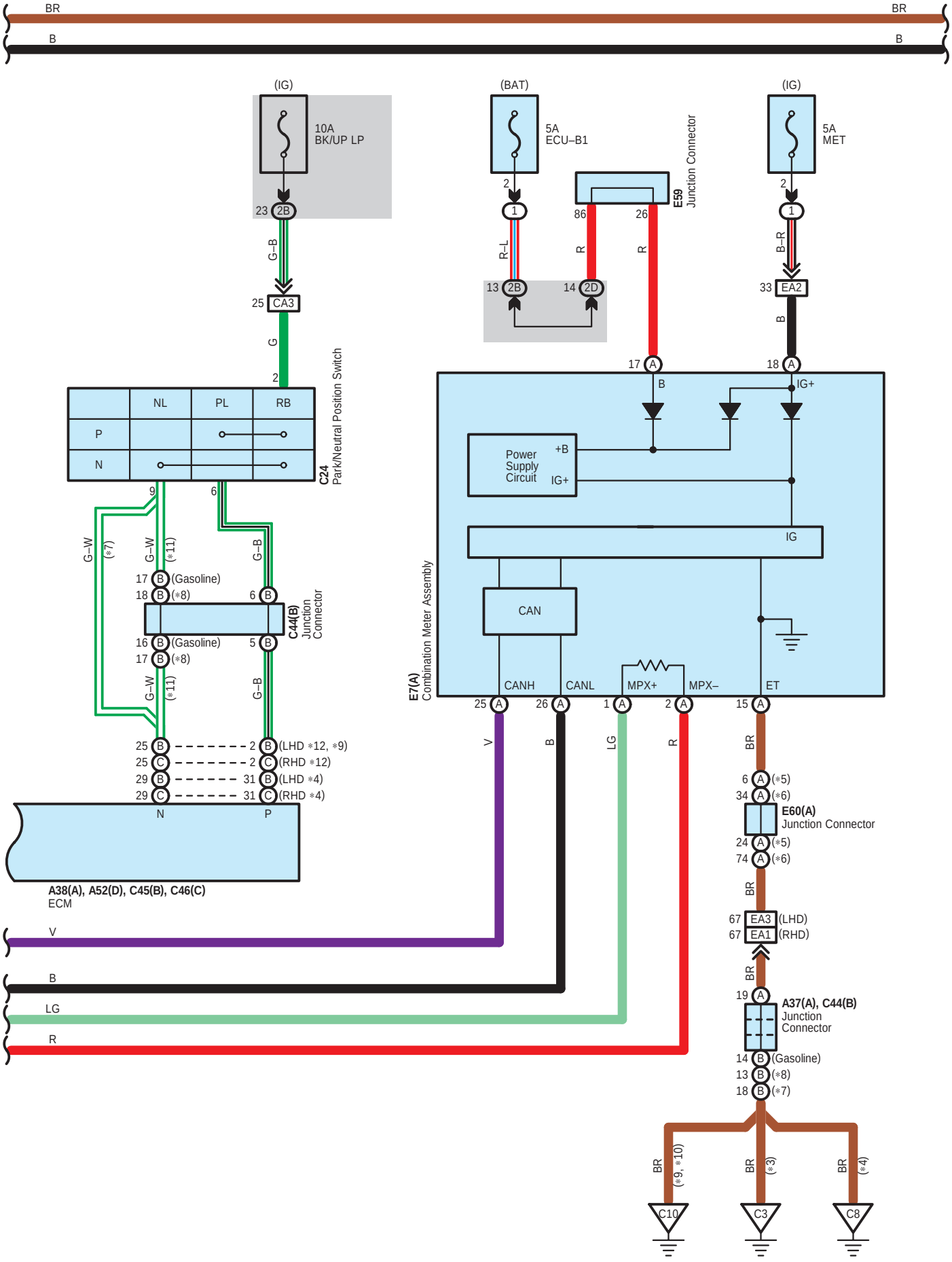
FE4
White

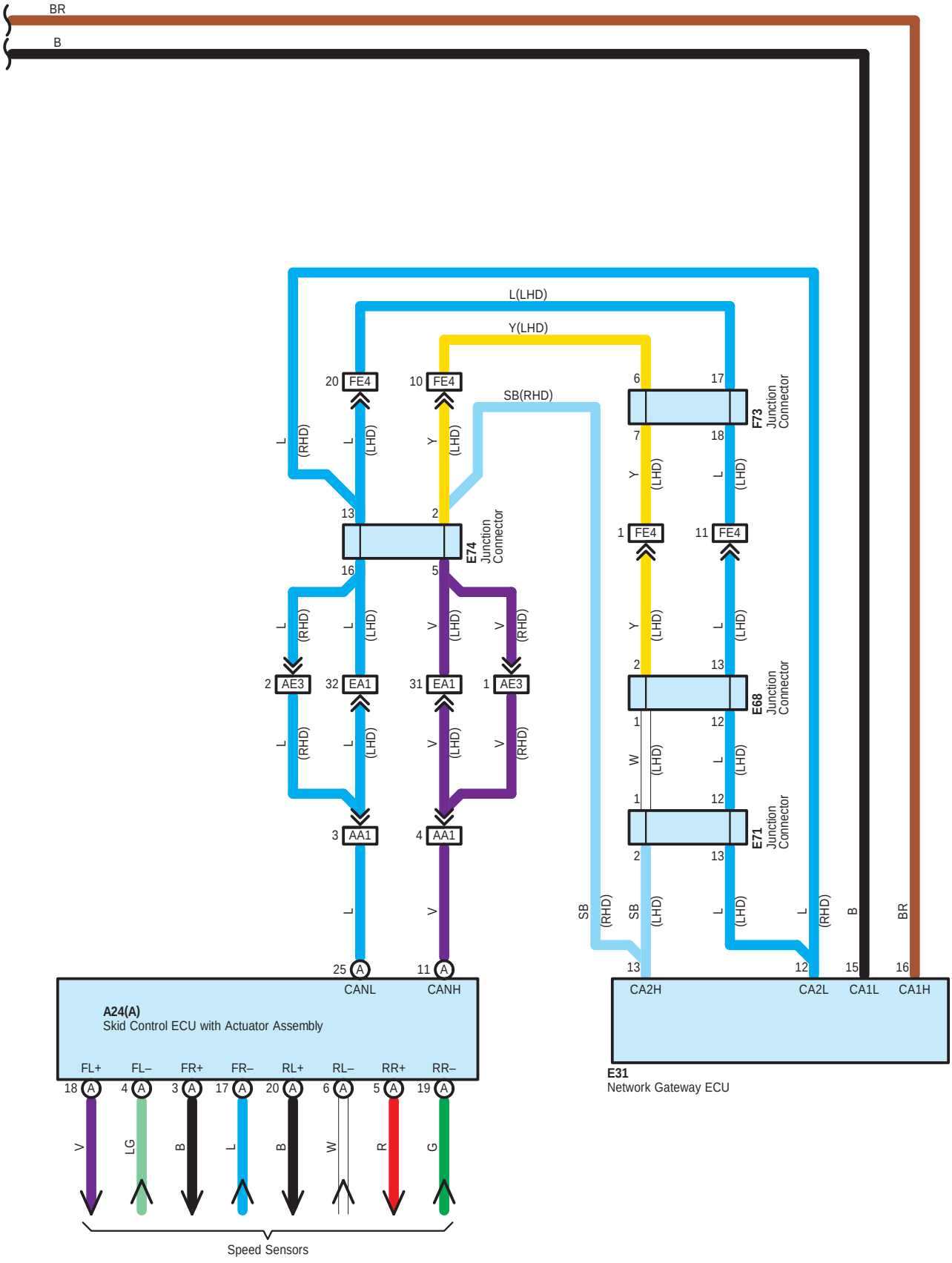



(IG)
10A
ECU–IG
No. 2
7 2D
G
51 A
31 A
E60(A)
Junction Connector
G
16 RE2
G
14
IG
GND5
IG2
GND2
R7
Overhead Module
3
W–B
11 RE2
W–B
29
G
4
SIG
4
G
ES
1
W
R11
Rain Sensor
MPX
3
R
19 RE2
R
7 C
MPX1
E83(A), E85(C)
Windshield Wiper ECU
(IG)
5A
ECU–IG
No. 1
56 2D
G
44
34
E61
Junction Connector
G
5 A
IG1I
E
ES
2S
1S
SHOT
AUTO
10 C
6 A
9 A
10 A
3 A
1 C
B
R
G
W
R
2 B
4 B
3 B
1 B
9 B (*1)
3 B
1 B
2 B
4 B
6 B (*2)
+B
+2
+1
+S
AUTO
MIST
OFF
AUTO
LO
HI
Front Wiper Switch
E
E15(A), E16(B)
Windshield Wiper Switch Assembly
10 B (*1)
5 B (*2)
W–B
W–B
3
1
E62
Junction
Connector
W–B
W–B
W–B
(LHD)
W–B
(RHD)
E1
E3

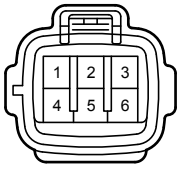

* 1 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 2 : RHD Headlight Dimmer Switch Assembly RH Side Type
* 5 : Before Jan. 2012 Production
* 6 : From Jan. 2012 Production
(IG)
30A WIPER
(IG)
20A WSH
66 2D
7 2B
6 2B
A16 Windshield Washer Motor and Pump Assembly
E83(A), E85(C) Windshield Wiper ECU
WIG
CANH
CANL
+SM
VR1
VR2
W
+2
+1
44 EA1
E63 Junction Connector
E15(A), E16(B) Windshield Wiper Switch Assembly
WF
EW
Off
On
Front Washer Switch
A22(A), (B) Windshield Wiper Motor Assembly
+2
+1
B
+S
E
W–B
(LHD)
(RHD)
A1
A3


∗ 3 : 2UZ–FE
∗ 4 : 1VD–FTV
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 7 : 1VD–FTV w/ DPF
∗ 8 : 1VD–FTV w/o DPF
∗ 9 : 3UR–FE
∗10 : 1UR–FE
∗11 : Except 1VD–FTV w/ DPF
∗12 : 2UZ–FE, 1UR–FE
BR
B
E69(A), (B)
Junction Connector
3 A 14 A (LHD)
3 B 14 B (RHD)
15 A 4 A 1 A 12 A (LHD)
12 B 1 B 4 B 15 B (RHD)
W
(RHD)
R
(RHD)
LG
R
19 EK2
29 EK2
3 KL1
2 KL1
GR (RHD ∗6)
R (RHD ∗5)
LG (RHD ∗6)
W (RHD ∗5)
L29(A), L30(B)
Junction Connector
2 A 1 A
2 B 1 B
R (RHD)
Y (RHD)
74 EL1
73 EL1
R (RHD)
Y (RHD)
18 7
12 1
E76
Junction Connector
E75
Junction Connector
E72
Junction Connector
B 12 1 W
Y 1 12 B
14 3 V
2 13 P B
10 EA3 11 EA3 (LHD)
10 EA1 11 EA1 (RHD)
P
B
10 A 11 A (LHD ∗12, ∗9)
10 D 11 D (RHD ∗12)
41 A 49 A (LHD ∗4)
41 D 49 D (RHD ∗4)
CANH
CANL
A38(A), A52(D), C45(B), C46(C)
ECM
R
LG
15 4
12 1
E73
Junction Connector
W(RHD)
R(RHD)
R (LHD)
W (LHD)
R(RHD)
W(RHD)
12 1
14 3
E70
Junction Connector
V
B
LG
R

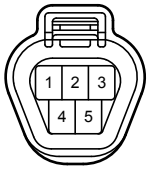

BR
B
(IG)
10A
BK/UP LP
23 2B
G–B
25 CA3
G
2
NL
PL
RB
P
N
C24
Park/Neutral Position Switch
9
6
G–W
(*7)
G–W
(*11)
G–B
17 B (Gasoline)
18 B (*8)
6 B
C44(B)
Junction
Connector
16 B (Gasoline)
5 B
17 B (*8)
G–W
(*11)
G–B
25 B
25 C
29 B
29 C
2 B (LHD *12, *9)
2 C (RHD *12)
31 B (LHD *4)
31 C (RHD *4)
N
P
A38(A), A52(D), C45(B), C46(C)
ECM
V
B
LG
R
(BAT)
5A
ECU–B1
2
1
R–L
13 2B
14 2D
86
26
R
R
E59
Junction Connector
(IG)
5A
MET
2
1
B–R
33 EA2
B
17 A
18 A
B
IG+
Power
Supply
Circuit
+B
IG+
IG
CAN
CANH
CANL
MPX+
MPX–
ET
E7(A)
Combination Meter Assembly
25 A
26 A
1 A
2 A
15 A
V
B
LG
R
BR
6 A (*5)
34 A (*6)
E60(A)
Junction Connector
24 A (*5)
74 A (*6)
BR
67 EA3 (LHD)
67 EA1 (RHD)
BR
19 A
A37(A), C44(B)
Junction
Connector
14 B (Gasoline)
13 B (*8)
18 B (*7)
BR
(*9, *10)
BR
(*3)
BR
(*4)
C10
C3
C8


BR
B
L(LHD)
Y(LHD)
SB(RHD)
20 FE4
10 FE4
6
17
F73 Junction Connector
7
18
L (RHD)
L (LHD)
Y (LHD)
Y (LHD)
L (LHD)
13
2
E74 Junction Connector
1 FE4
11 FE4
16
5
L (RHD)
L (LHD)
V (LHD)
V (RHD)
Y (LHD)
L (LHD)
2 AE3
32 EA1
31 EA1
1 AE3
2
13
E68 Junction Connector
L (RHD)
L (LHD)
V (LHD)
V (RHD)
1
12
W (LHD)
L (LHD)
3 AA1
4 AA1
1
12
E71 Junction Connector
2
13
L
V
SB (RHD)
SB (LHD)
L (LHD)
L (RHD)
B
BR
25 A
11 A
13
12
15
16
CANL
CANH
CA2H
CA2L
CA1L
CA1H
A24(A)
Skid Control ECU with Actuator Assembly
E31
Network Gateway ECU
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
V
LG
B
L
B
W
R
G
Speed Sensors

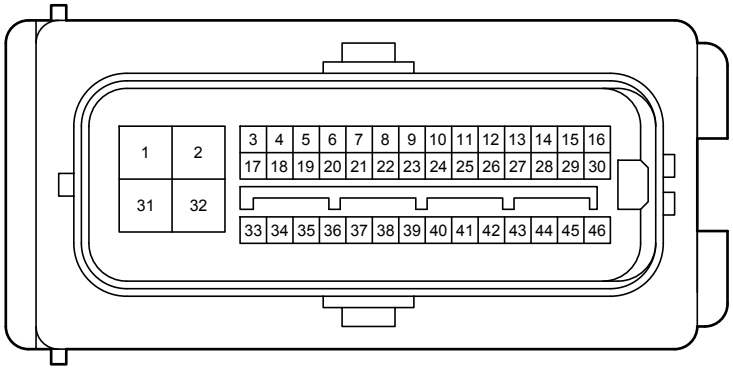
A 16
Gray



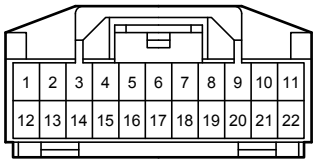
A 22
Black



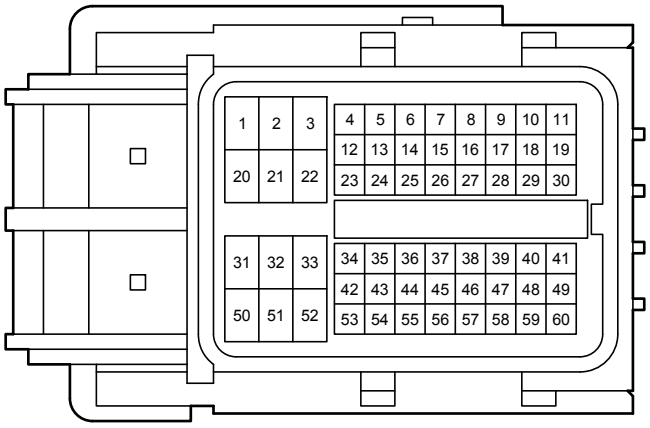
A 24
Black



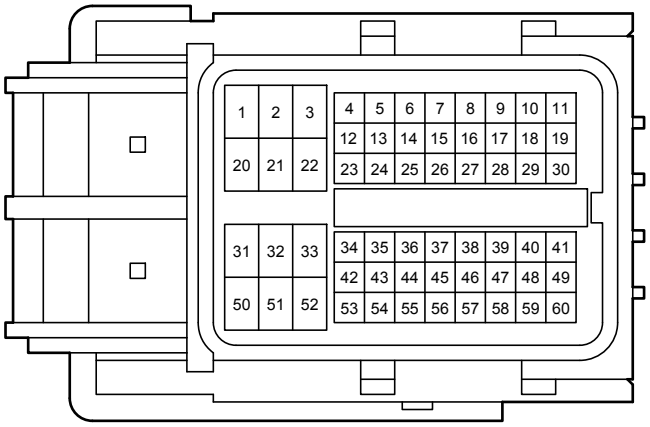
A 37
Blue



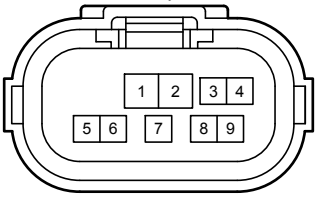
A 38
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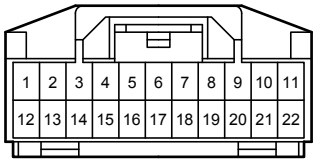
A 52
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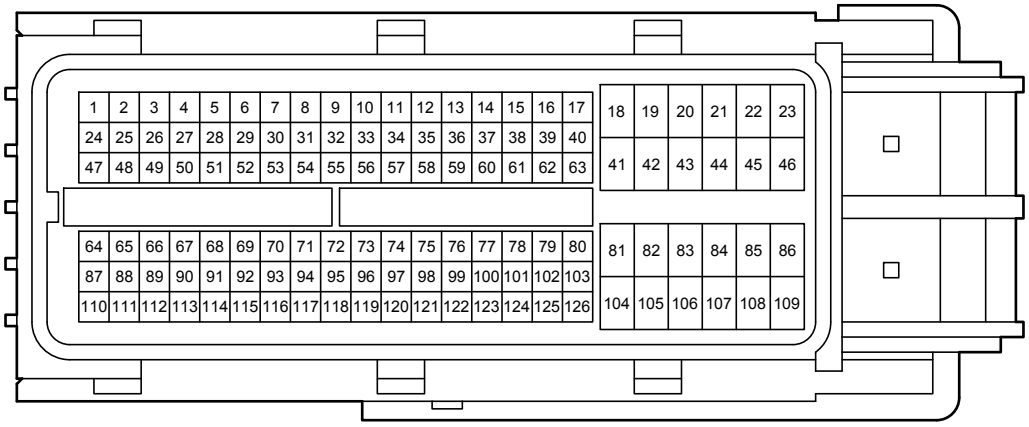
C 24
Gray



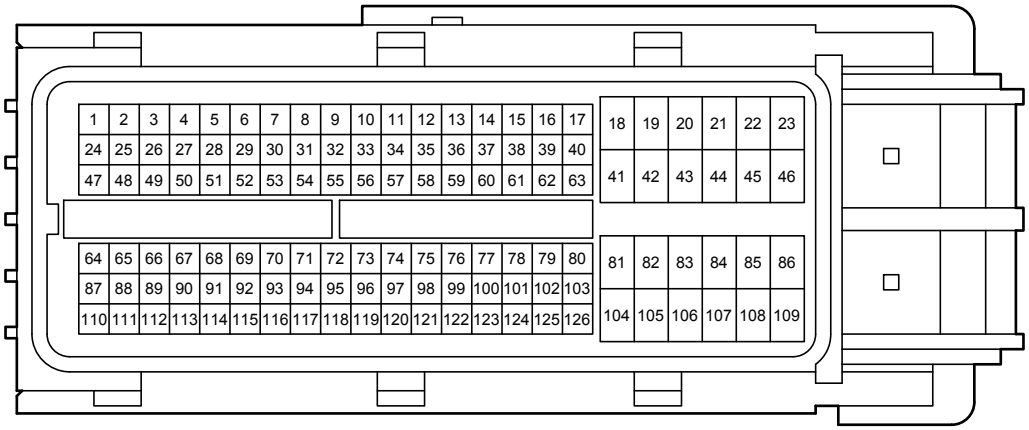
C 44
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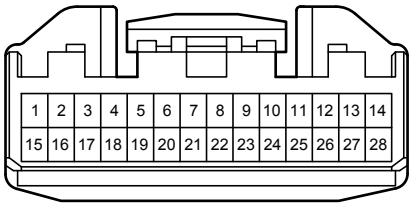
C 45
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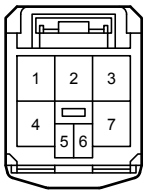
C 46
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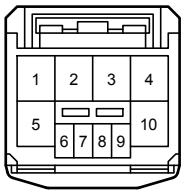
E 7
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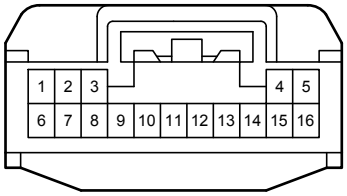
E 15
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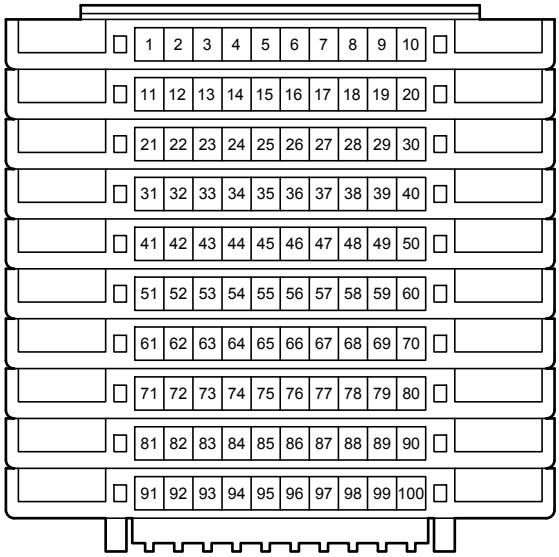
E 16
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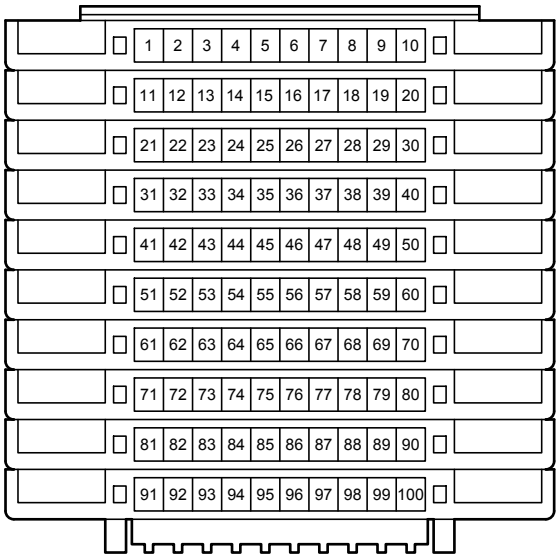
E 31
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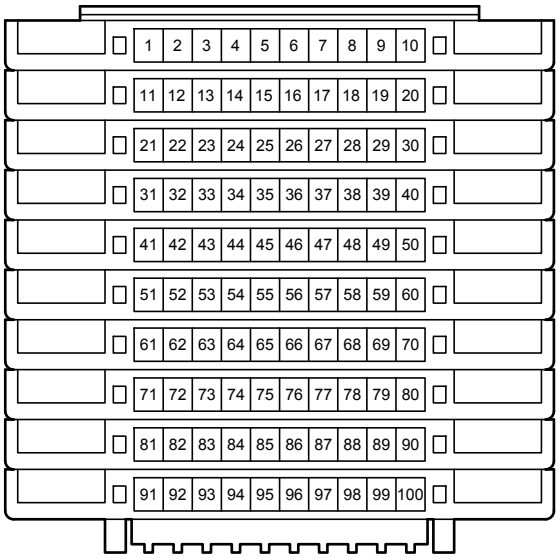
E 59



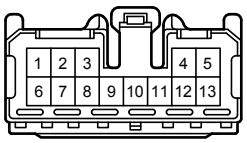
E 60



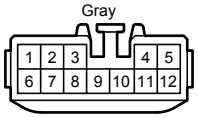
E 61



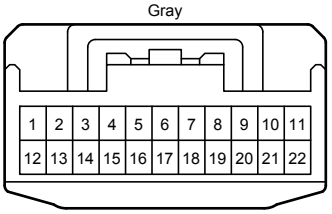
E 62
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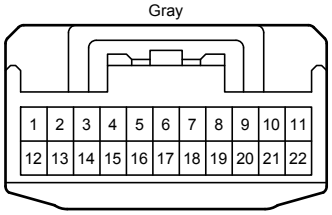
E 63
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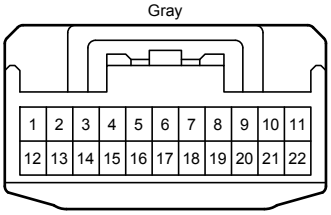
E 68
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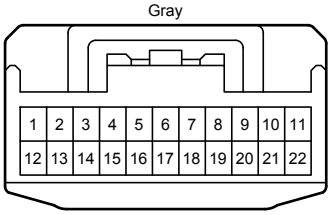
E 69
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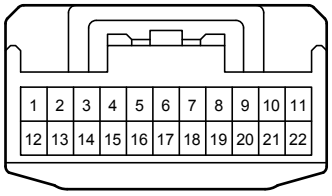
E 70
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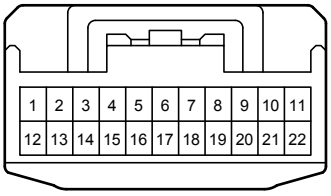
E 71
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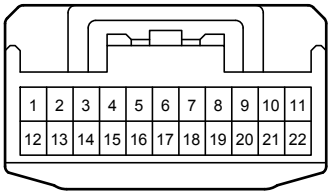
E 72
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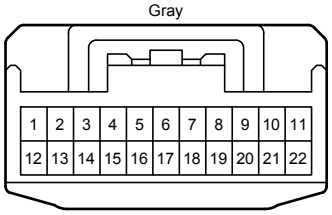
E 73
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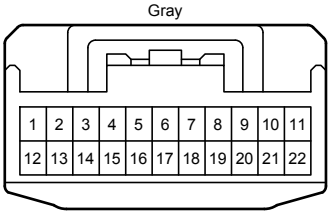
E 74
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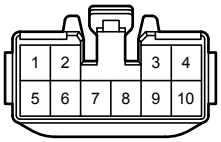
E 75
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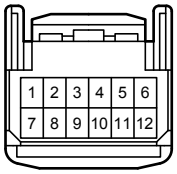
E 76
Gray



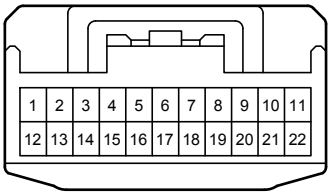
E 83
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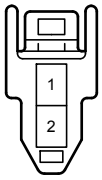
E 85
White



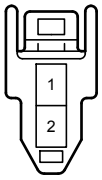
F 73
Blue



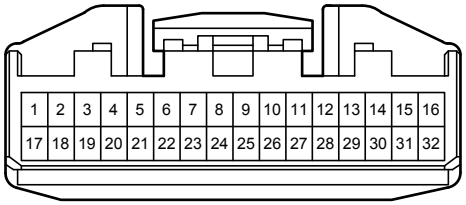
L 29
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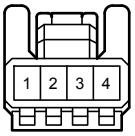
L 30
White



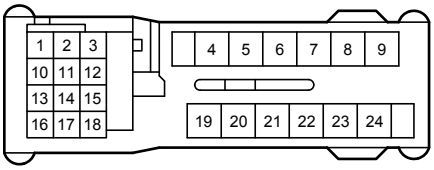
R 7
White



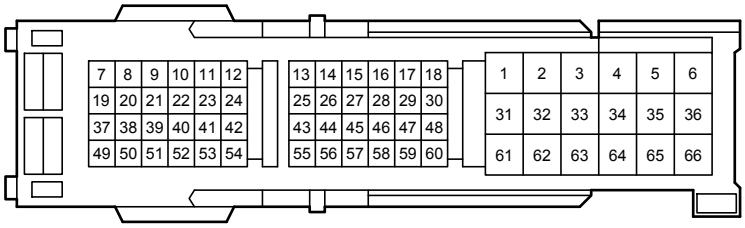
R 11
Black



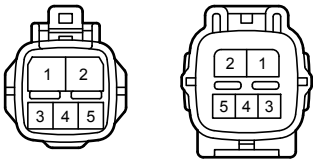
2B
White



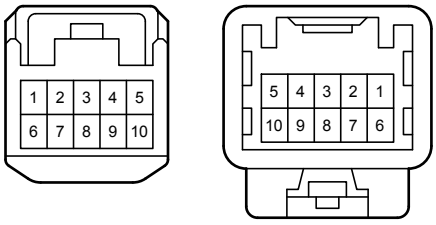
2D
White



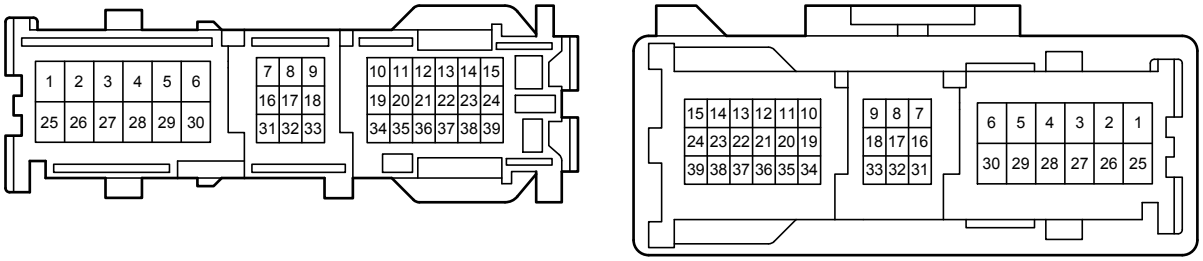
AA1
Gray



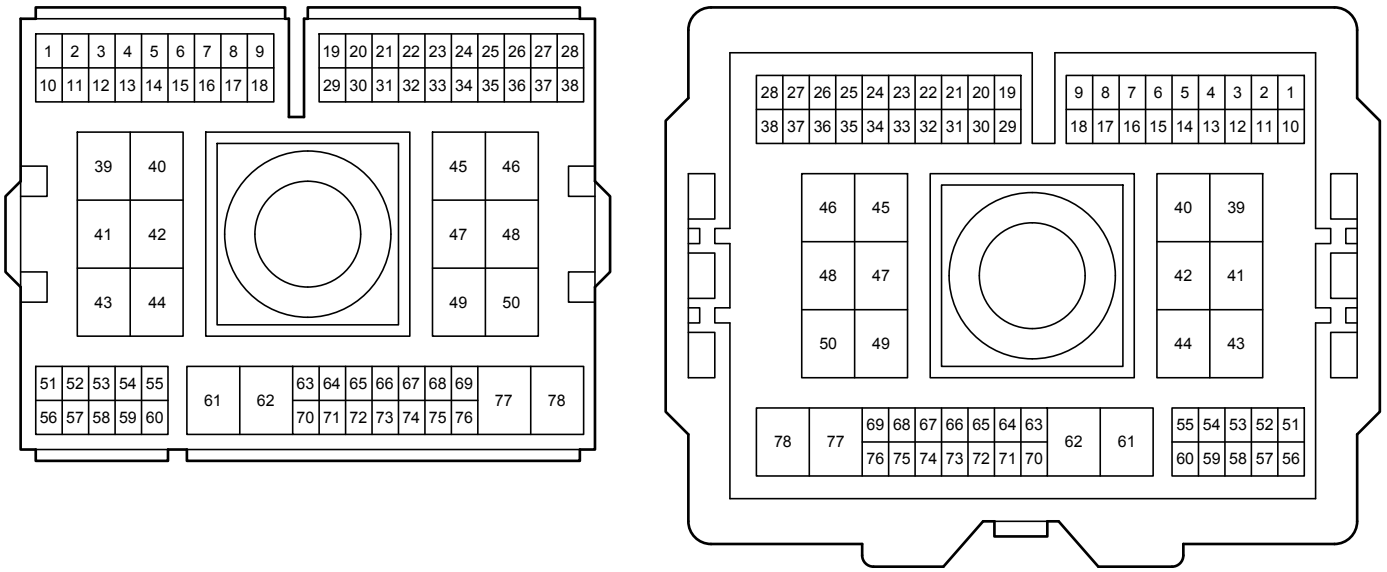
AE3
Gray



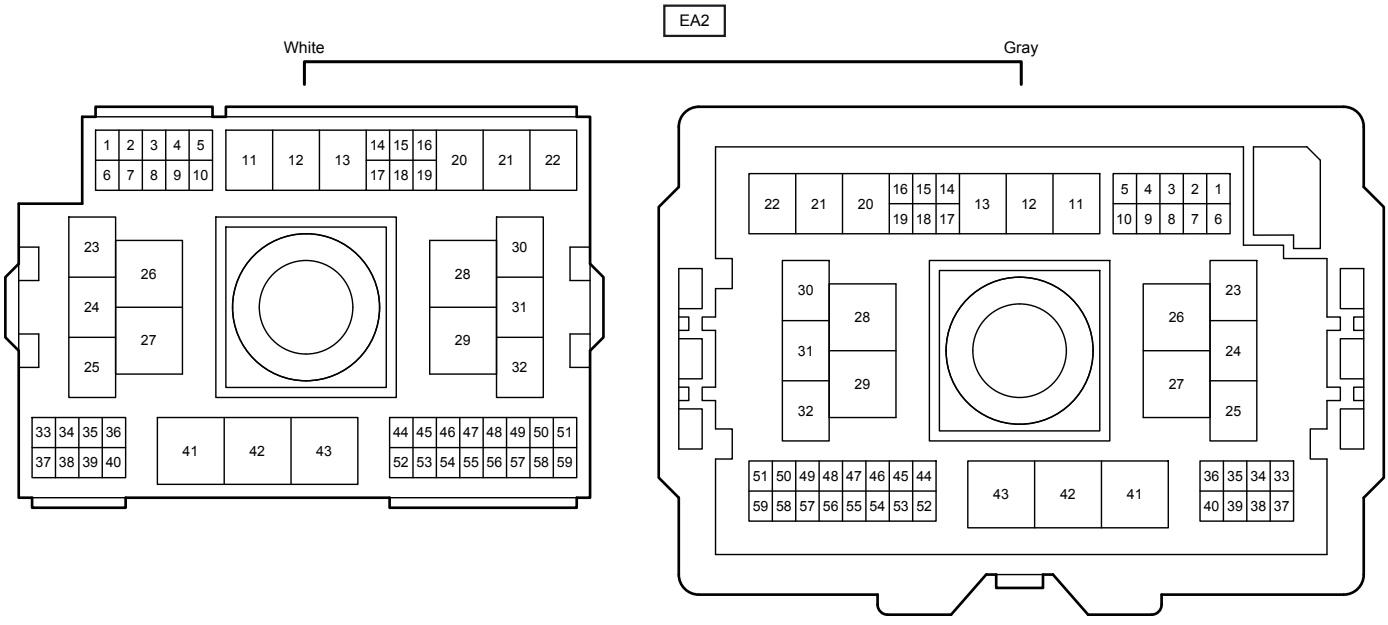
CA3
White



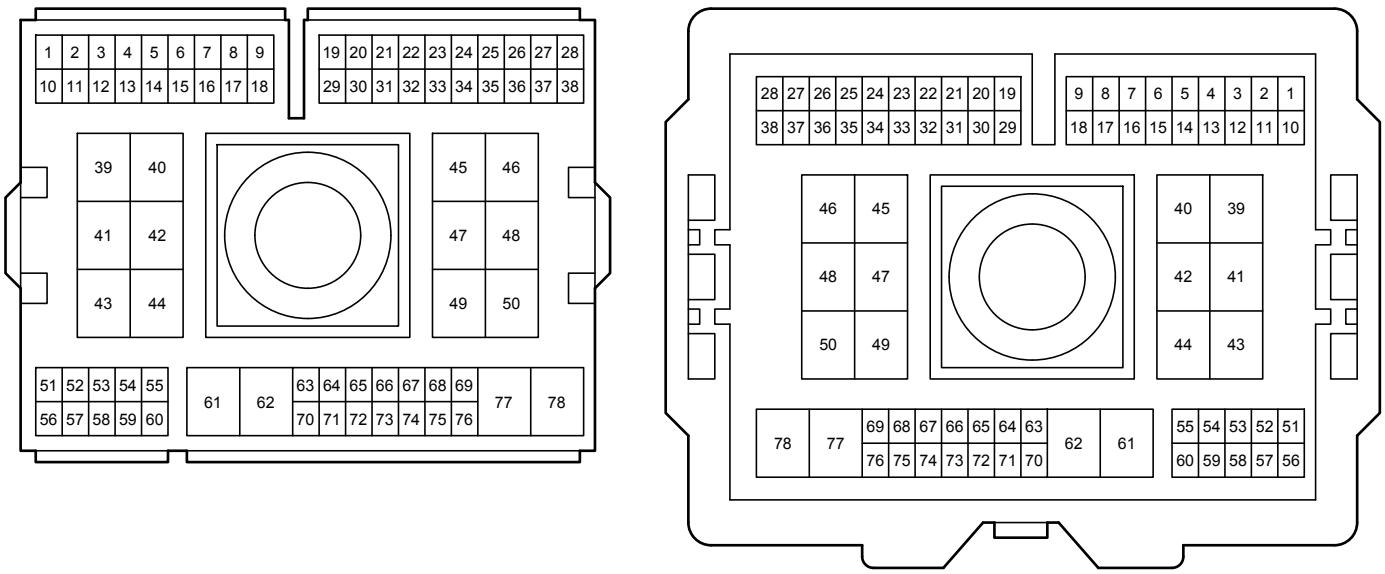
EA1
White



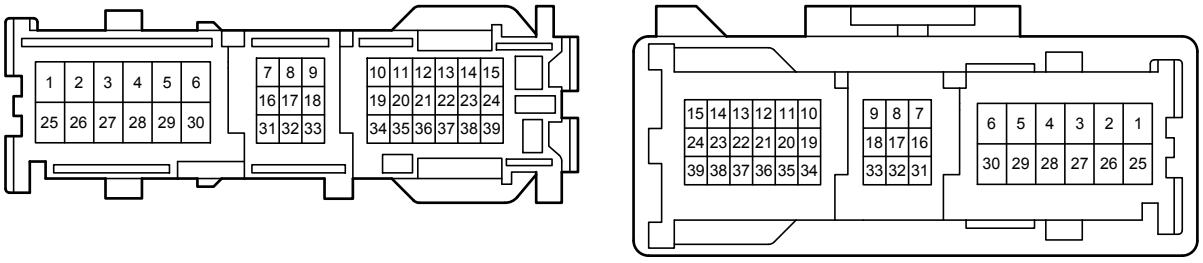
EA2
White
Gray



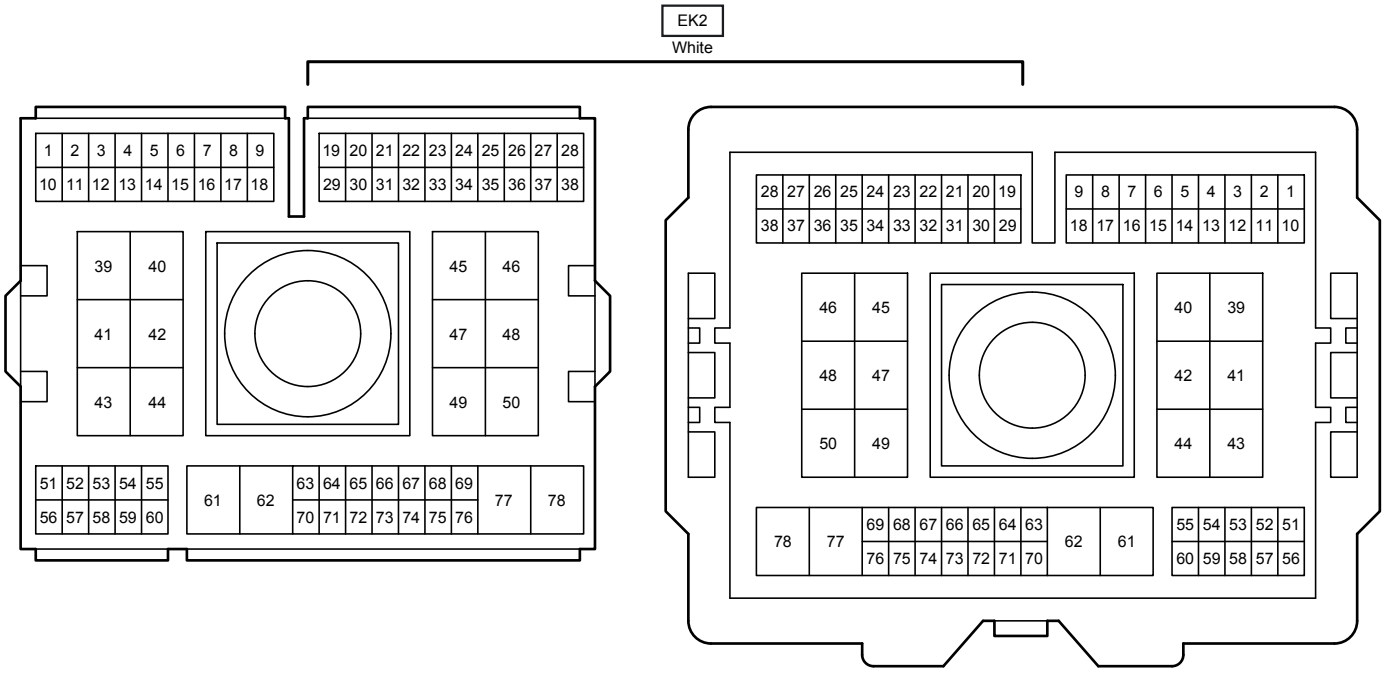
EA3
White



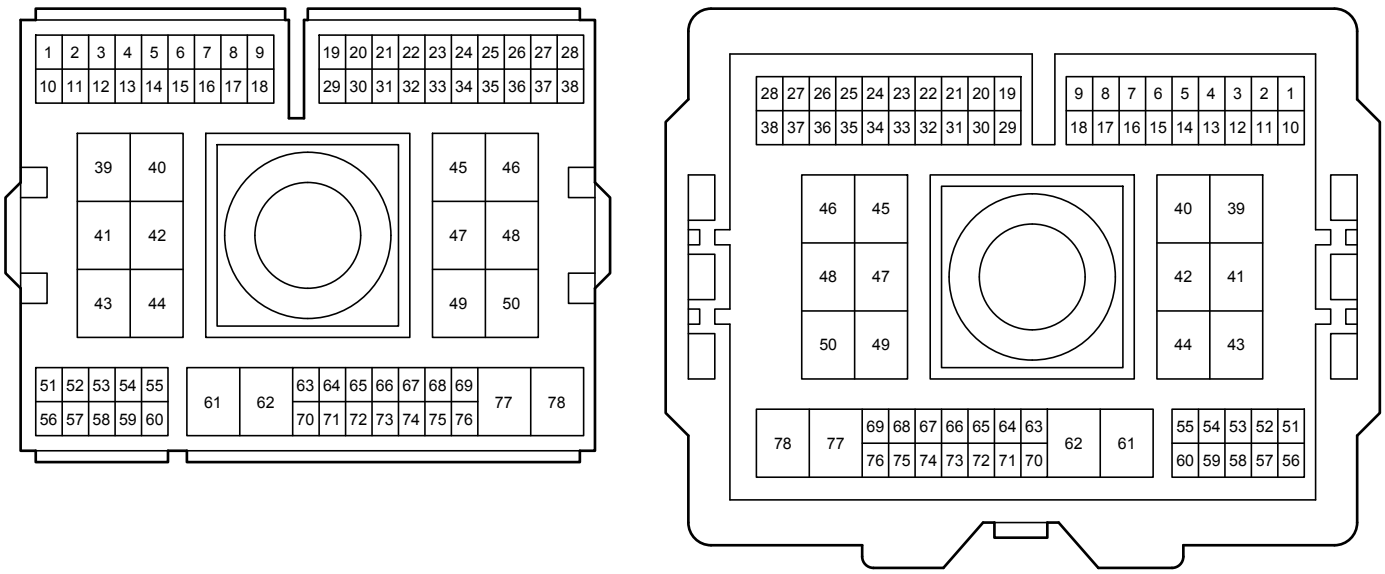
EA4
White



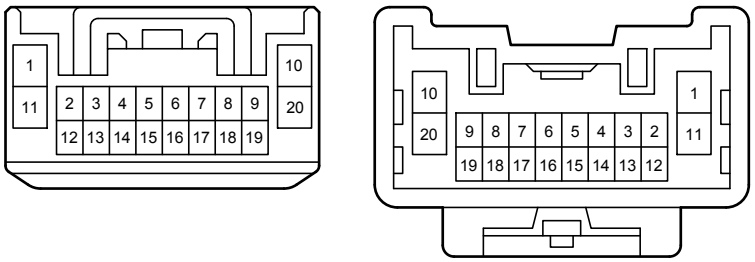
EK2
White



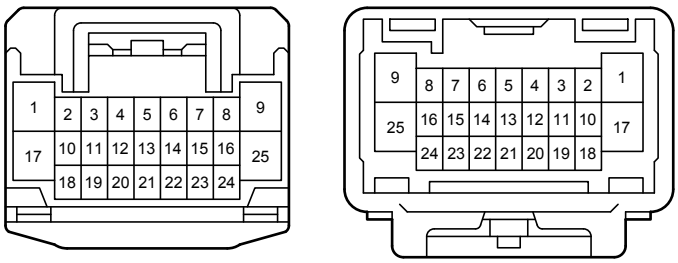
EL1
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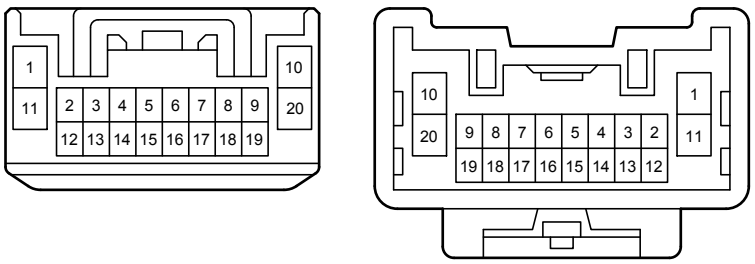
FE4
White

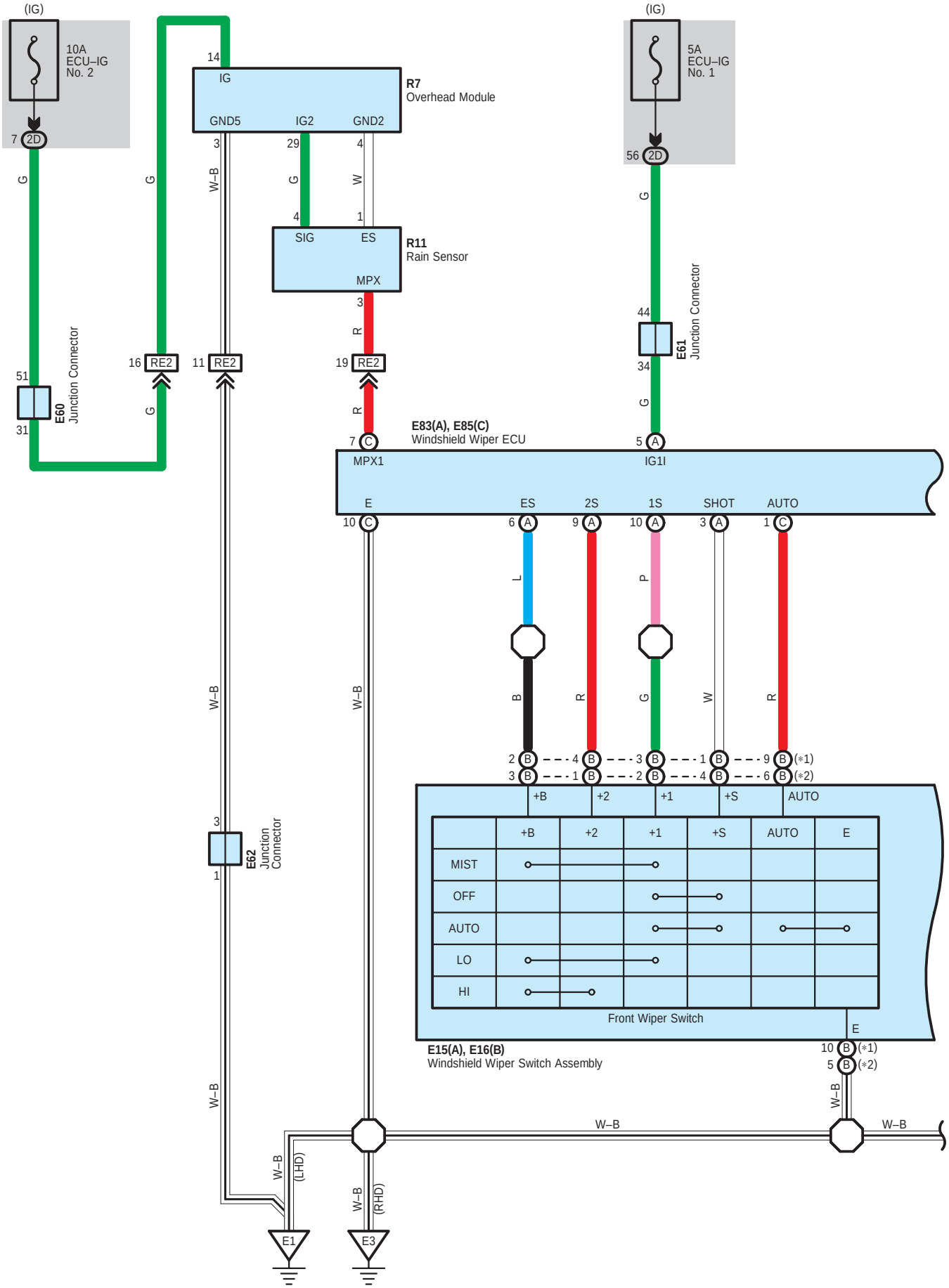


KL1
White

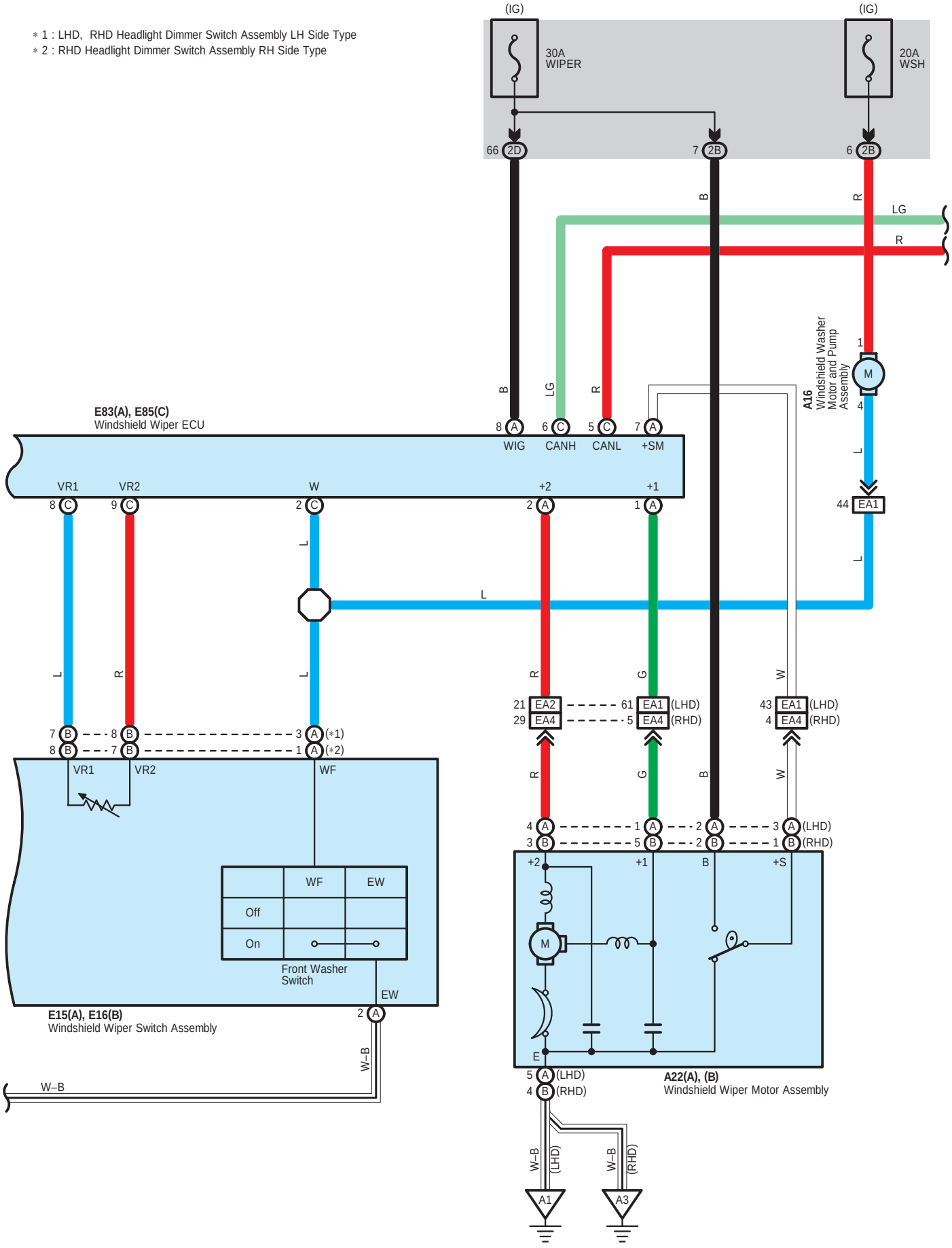


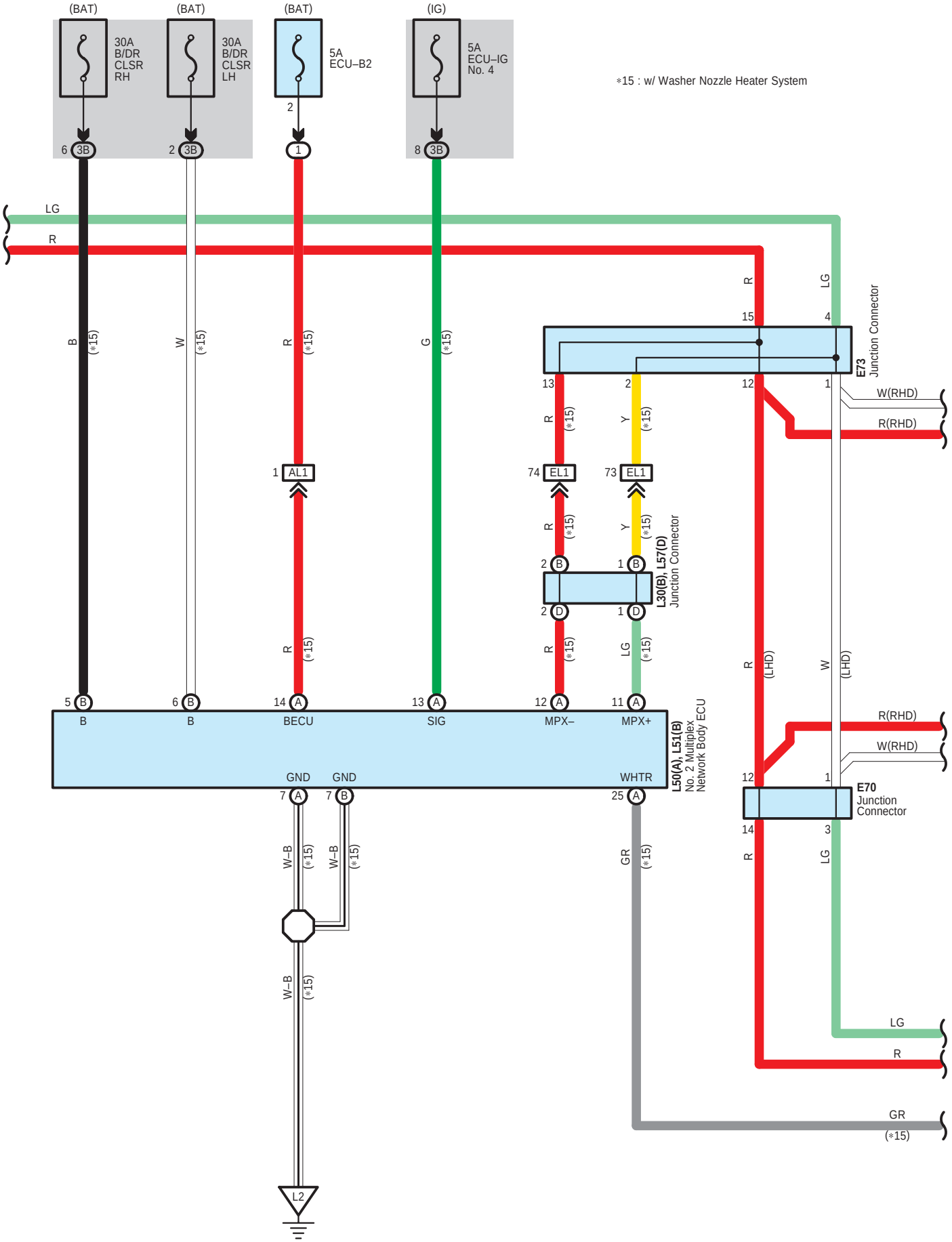
RE2
Blue

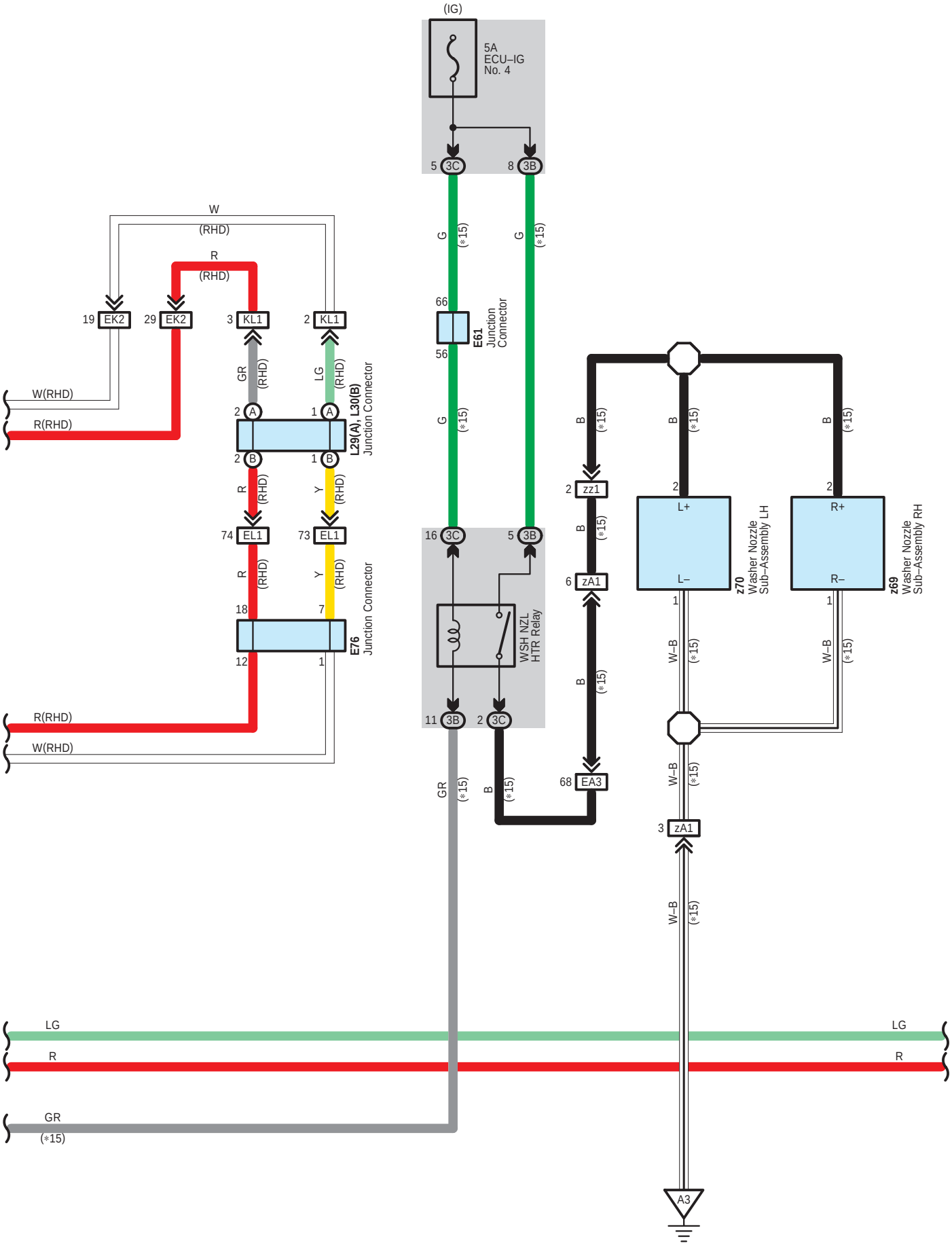


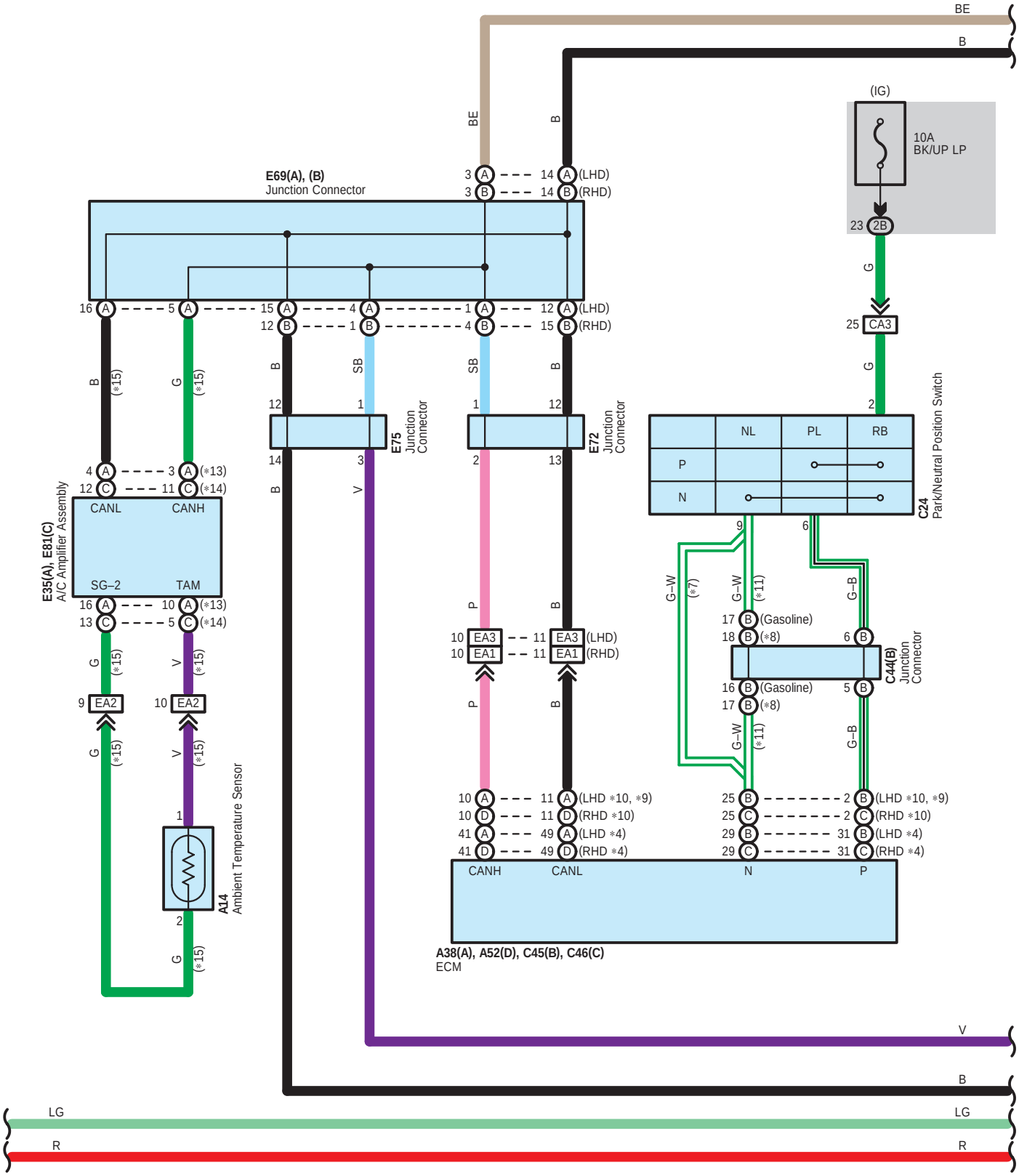

(IG)
10A
ECU–IG
No. 2
7 2D
G
G
51
E60
Junction Connector
31
16 RE2
G
11 RE2
W–B
14
IG
GND5
IG2
GND2
R7
Overhead Module
3
29
4
G
W
4
1
SIG
ES
R11
Rain Sensor
MPX
3
R
19 RE2
R
7 C
MPX1
E83(A), E85(C)
Windshield Wiper ECU
(IG)
5A
ECU–IG
No. 1
56 2D
G
44
E61
Junction Connector
34
G
5 A
IG1I
E
ES
2S
1S
SHOT
AUTO
10 C
6 A
9 A
10 A
3 A
1 C
L
P
B
R
G
W
R
2 B
4 B
3 B
1 B
9 B (*1)
6 B (*2)
+B
+2
+1
+S
AUTO
MIST
OFF
AUTO
LO
HI
E
Front Wiper Switch
E15(A), E16(B)
Windshield Wiper Switch Assembly
10 B (*1)
5 B (*2)
W–B
3
1
E62
Junction
Connector
W–B
W–B
W–B
W–B
(LHD)
W–B
(RHD)
E1
E3

* 1 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 2 : RHD Headlight Dimmer Switch Assembly RH Side Type

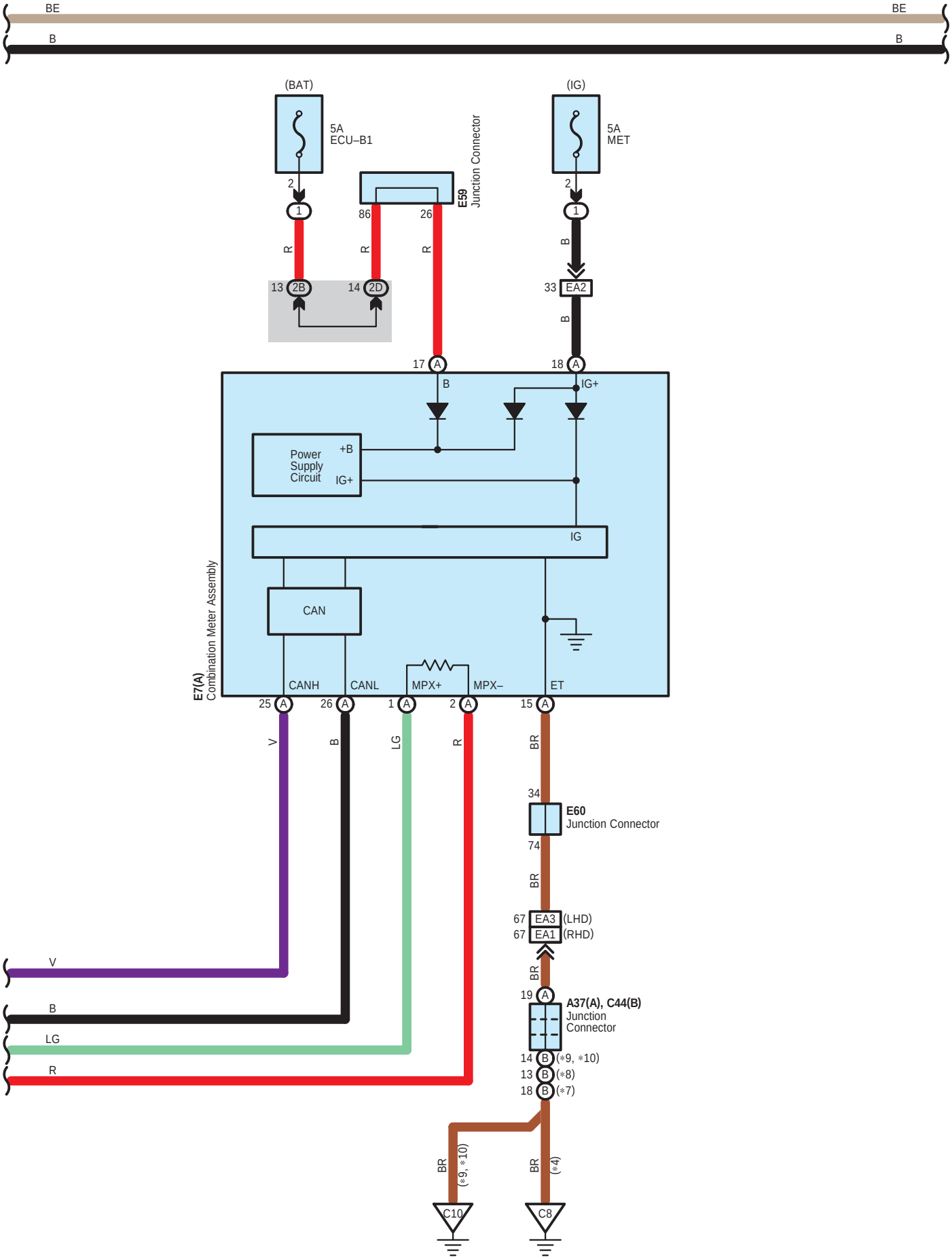


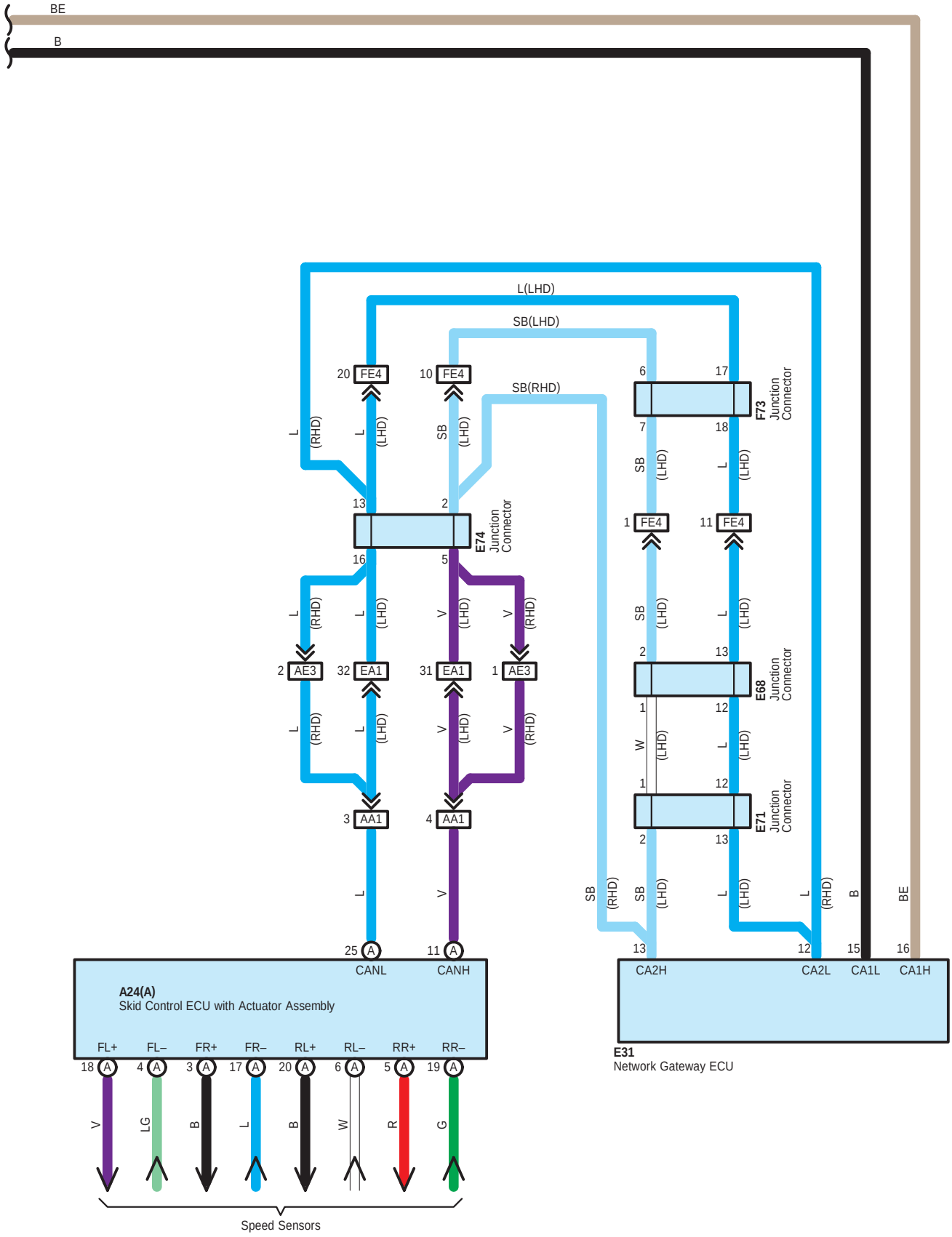

(BAT)
(BAT)
(BAT)
(IG)
30A B/DR CLSR RH
30A B/DR CLSR LH
5A ECU–B2
5A ECU–IG No. 4
∗15 : w/ Washer Nozzle Heater System
LG
R
B (∗15)
W (∗15)
R (∗15)
G (∗15)
E73 Junction Connector
W(RHD)
R(RHD)
AL1
EL1
EL1
L30(B), L57(D) Junction Connector
R (LHD)
W (LHD)
R(RHD)
W(RHD)
E70 Junction Connector
LG
R
GR (∗15)
B
B
BECU
SIG
MPX–
MPX+
L50(A), L51(B) No. 2 Multiplex Network Body ECU
GND
GND
WHTR
W–B (∗15)
W–B (∗15)
W–B (∗15)
GR (∗15)
L2


(IG)
5A
ECU–IG
No. 4
5 3C
8 3B
W
(RHD)
R
(RHD)
19 EK2
29 EK2
3 KL1
2 KL1
W(RHD)
R(RHD)
GR (RHD)
LG (RHD)
2 A
1 A
2 B
1 B
L29(A), L30(B)
Junction Connector
R (RHD)
Y (RHD)
74 EL1
73 EL1
R (RHD)
Y (RHD)
18
7
12
1
E76
Junction Connector
R(RHD)
W(RHD)
G (*15)
66
56
E61
Junction
Connector
16 3C
5 3B
WSH NZL
HTR Relay
11 3B
2 3C
GR (*15)
B (*15)
B (*15)
2 zz1
6 zA1
B (*15)
68 EA3
B (*15)
2
L+
L–
z70
Washer Nozzle
Sub–Assembly LH
R+
R–
z69
Washer Nozzle
Sub–Assembly RH
1
W–B (*15)
3 zA1
W–B (*15)
A3
LG
R
GR
(*15)



∗ 4 : 1VD–FTV
∗ 7 : 1VD–FTV w/ DPF
∗ 8 : 1VD–FTV w/o DPF
∗ 9 : 3UR–FE
∗10 : 1UR–FE
∗11 : Except 1VD–FTV w/ DPF
∗13 : w/ Rear A/C
∗14 : w/o Rear A/C
∗15 : w/ Washer Nozzle Heater System

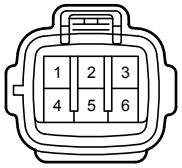

BE
B
BE
B
(BAT)
5A
ECU–B1
2
1
R
13
2B
14
2D
E59
Junction Connector
86
26
R
R
R
(IG)
5A
MET
2
1
B
33
EA2
B
17
A
18
A
B
IG+
Power
Supply
Circuit
+B
IG+
IG
CAN
E7(A)
Combination Meter Assembly
CANH
CANL
MPX+
MPX–
ET
25
A
26
A
1
A
2
A
15
A
V
B
LG
R
BR
34
E60
Junction Connector
74
BR
67
EA3
(LHD)
67
EA1
(RHD)
BR
19
A
A37(A), C44(B)
Junction
Connector
14
B
(*9, *10)
13
B
(*8)
18
B
(*7)
V
B
LG
R
BR
(*9, *10)
BR
(*4)
C10
C8


BE
B
L(LHD)
SB(LHD)
SB(RHD)
20 FE4
10 FE4
6
17
F73 Junction Connector
7
18
13
2
E74 Junction Connector
16
5
1 FE4
11 FE4
2 AE3
32 EA1
31 EA1
1 AE3
2
13
E68 Junction Connector
1
12
1
12
E71 Junction Connector
2
13
3 AA1
4 AA1
25 A
11 A
CANL
CANH
A24(A)
Skid Control ECU with Actuator Assembly
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
Speed Sensors
13
12
15
16
CA2H
CA2L
CA1L
CA1H
E31
Network Gateway ECU

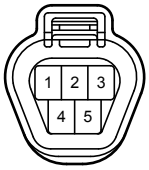
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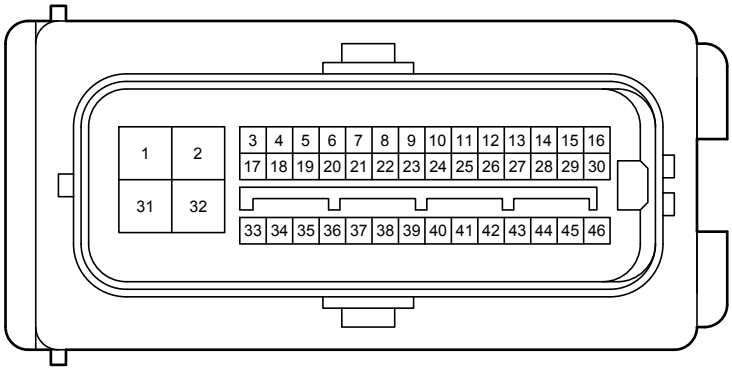
A 16
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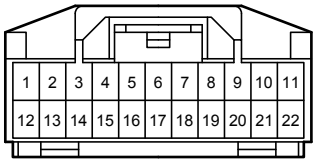
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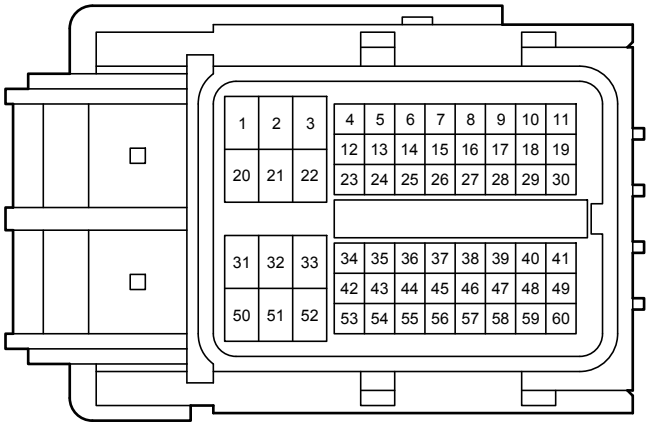
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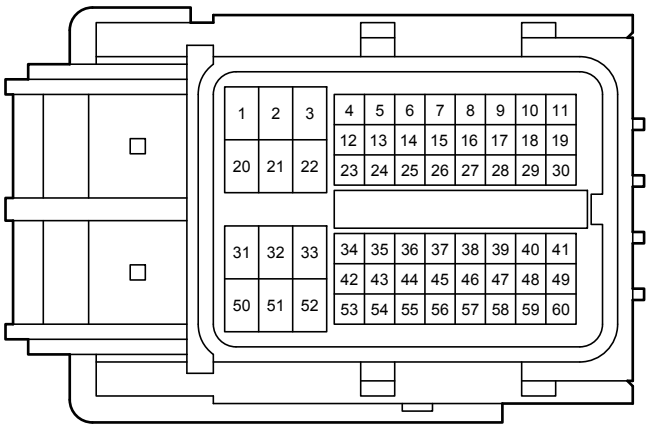
A 37
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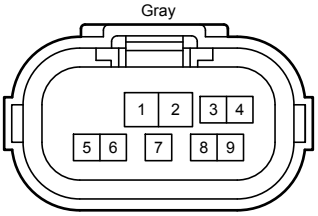
A 38
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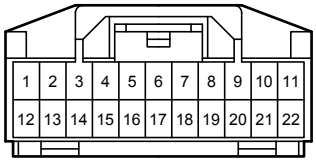
A 52
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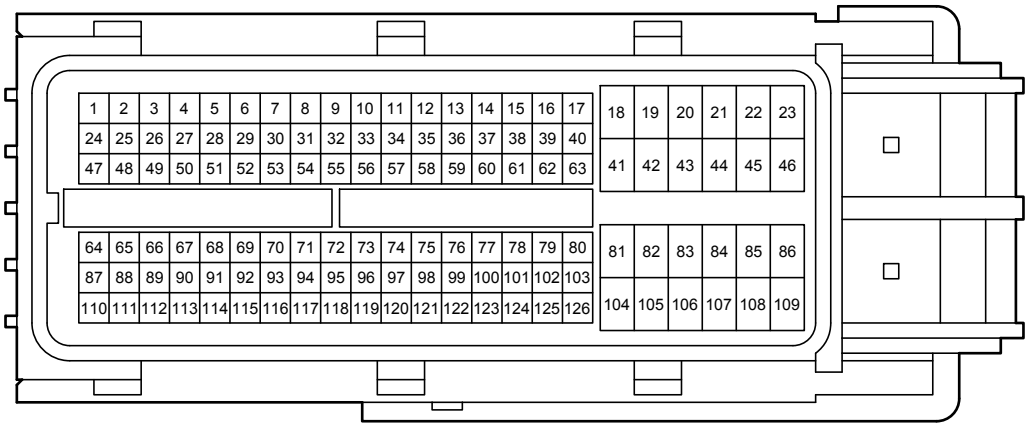
C 24
Gray



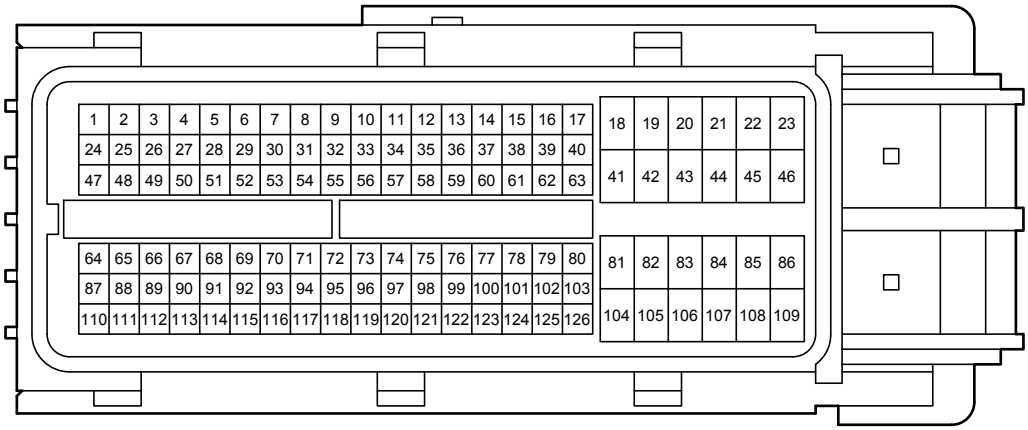
C 44
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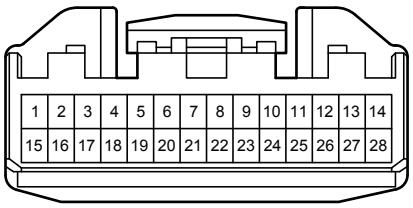
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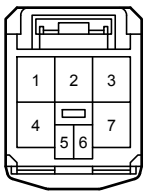
C 46
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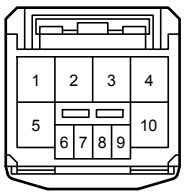
E 7
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E 15
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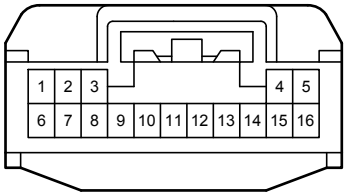


E 16
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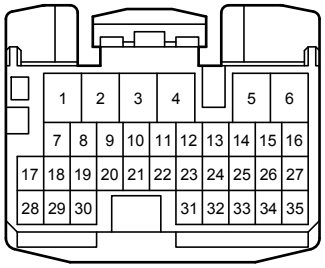
E 31

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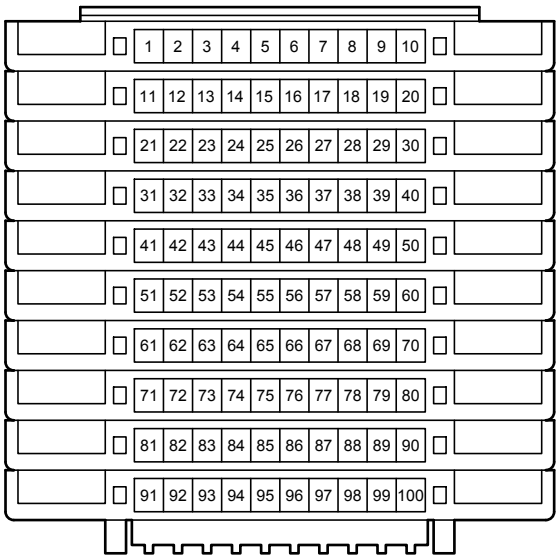


E 35

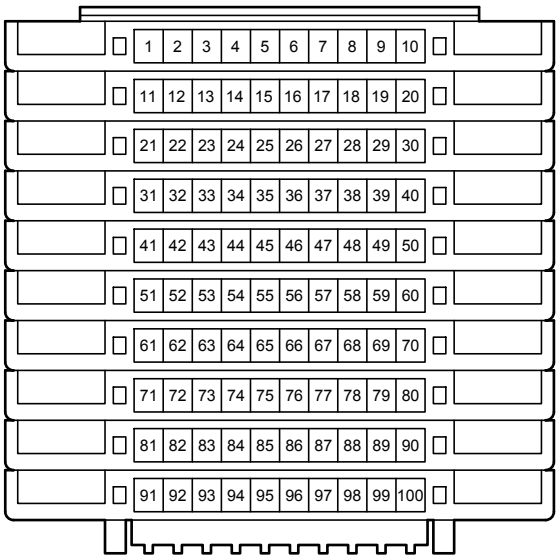
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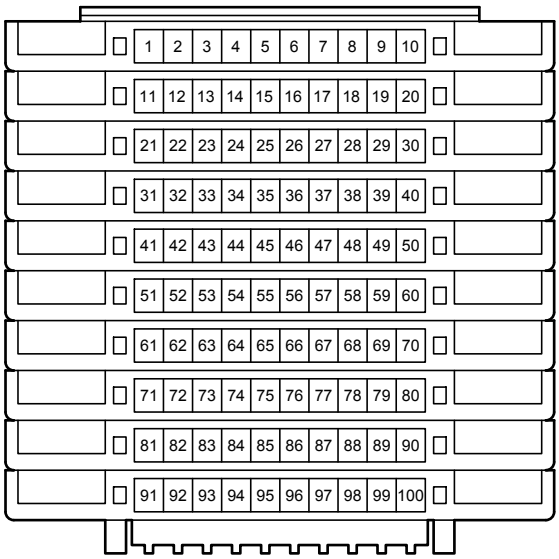
E 59



E 60

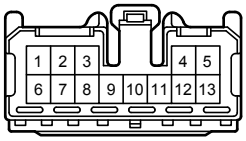


E 61

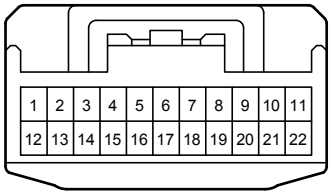


E 62

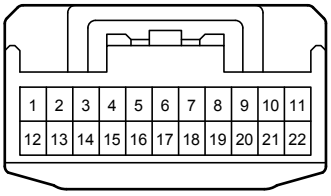
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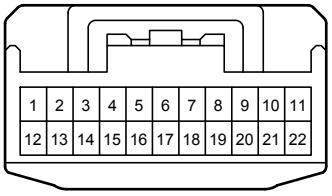
E 68
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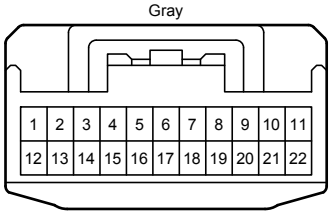
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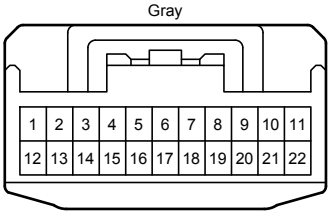
E 70
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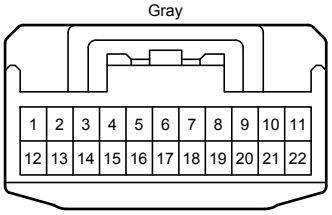
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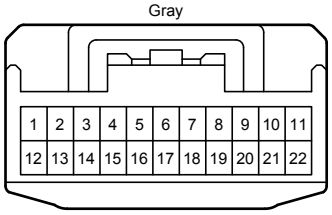
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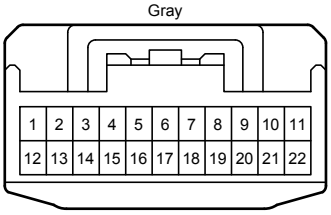
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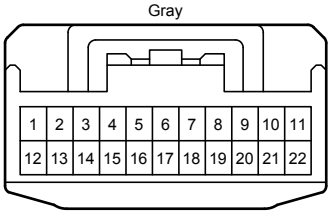
E 74
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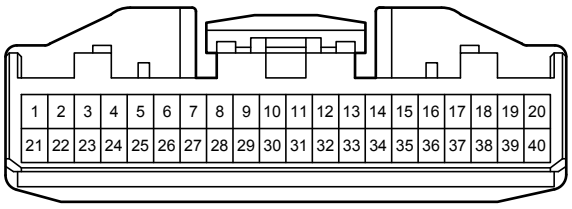
E 75
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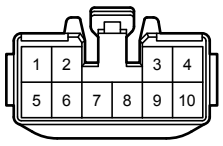
E 76
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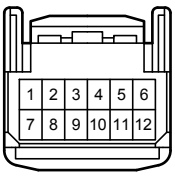
E 81
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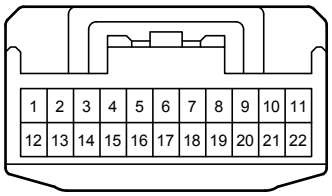
E 83
Blue



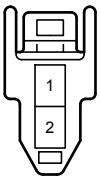
E 85
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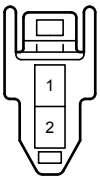
F 73
Blue



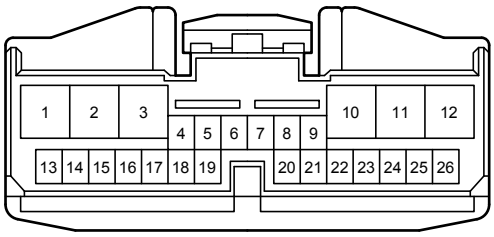
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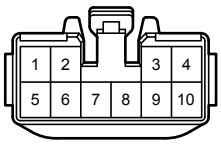
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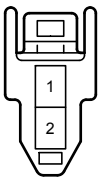
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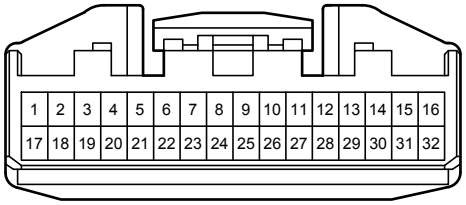
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Blue



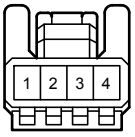
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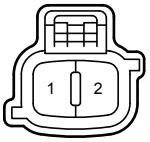
R 7
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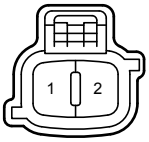
R 11
Black



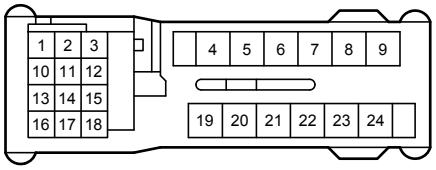
z 69
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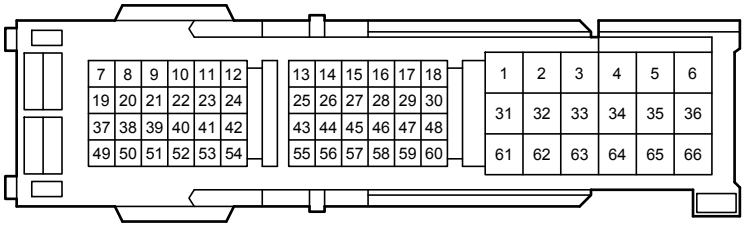
z 70
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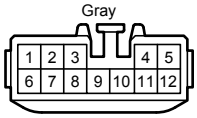
2B
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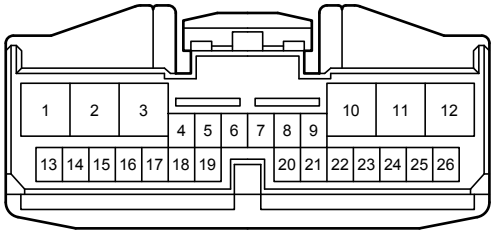
2D
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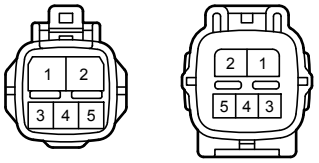
3B
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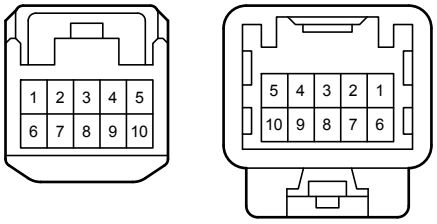
3C
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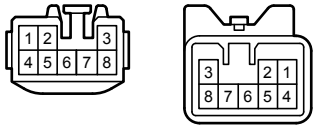
AA1
Gray



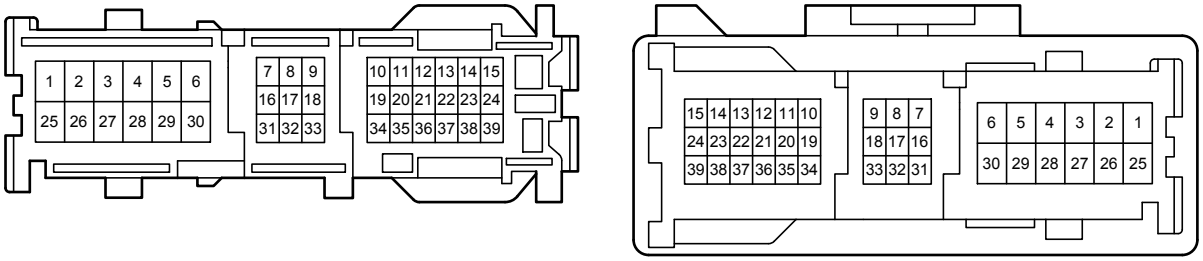
AE3
Gray



AL1
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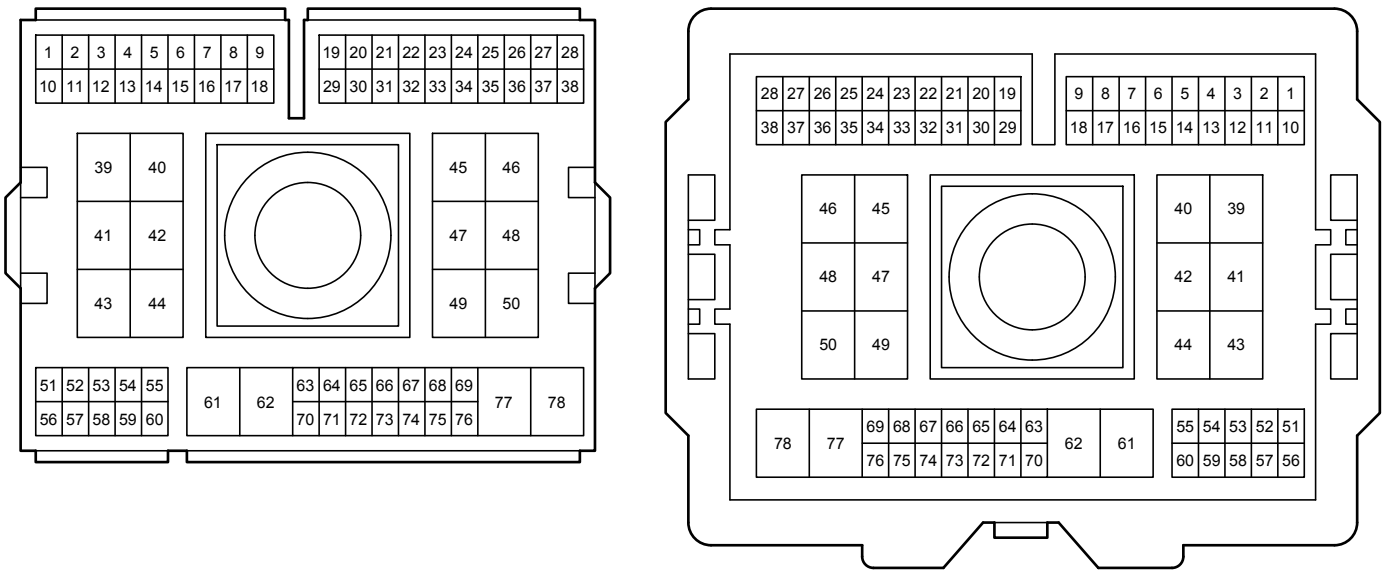


CA3
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EA1

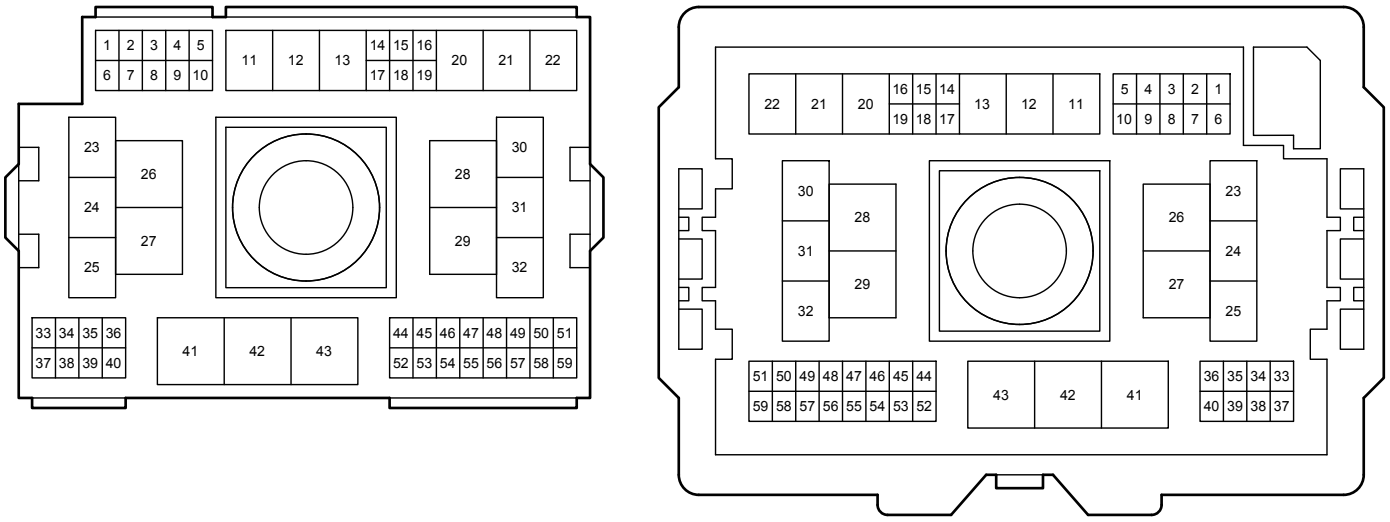
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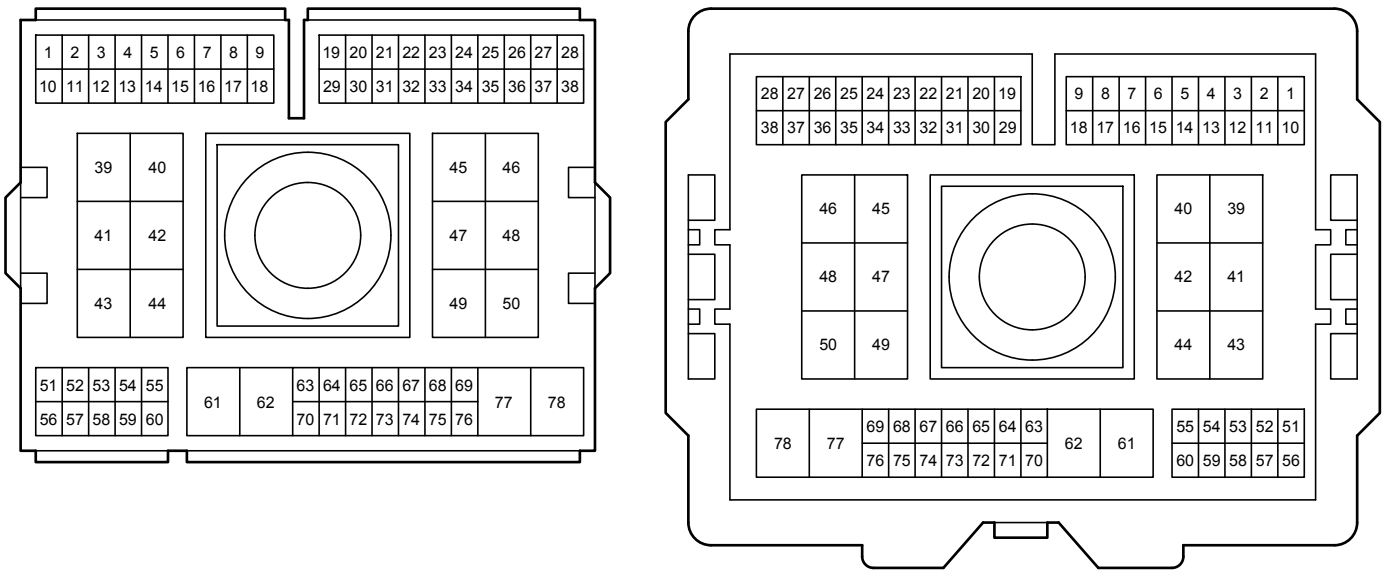
EA2

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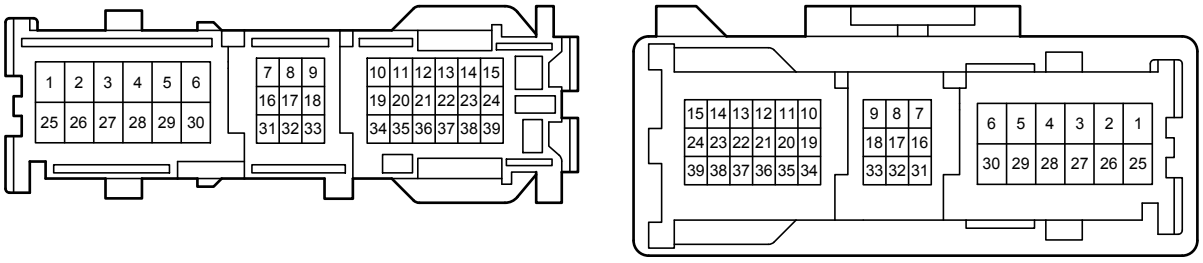
Gray



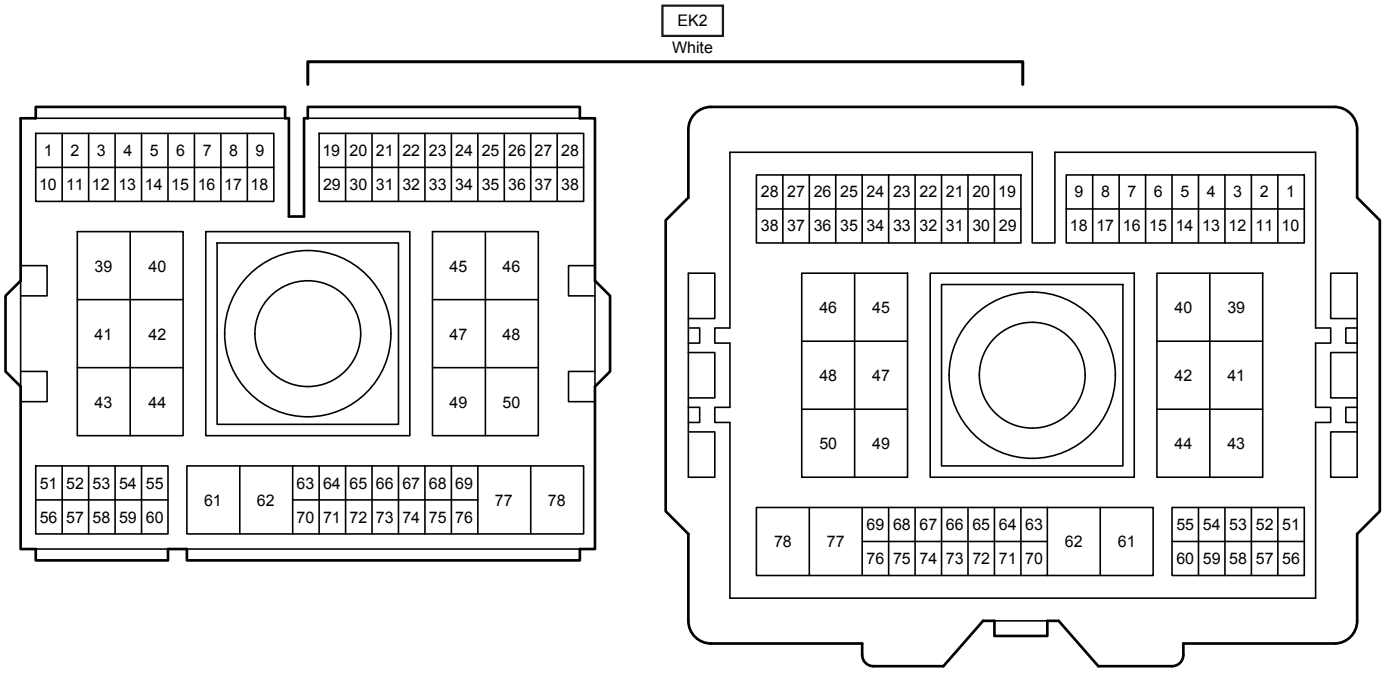
EA3
White



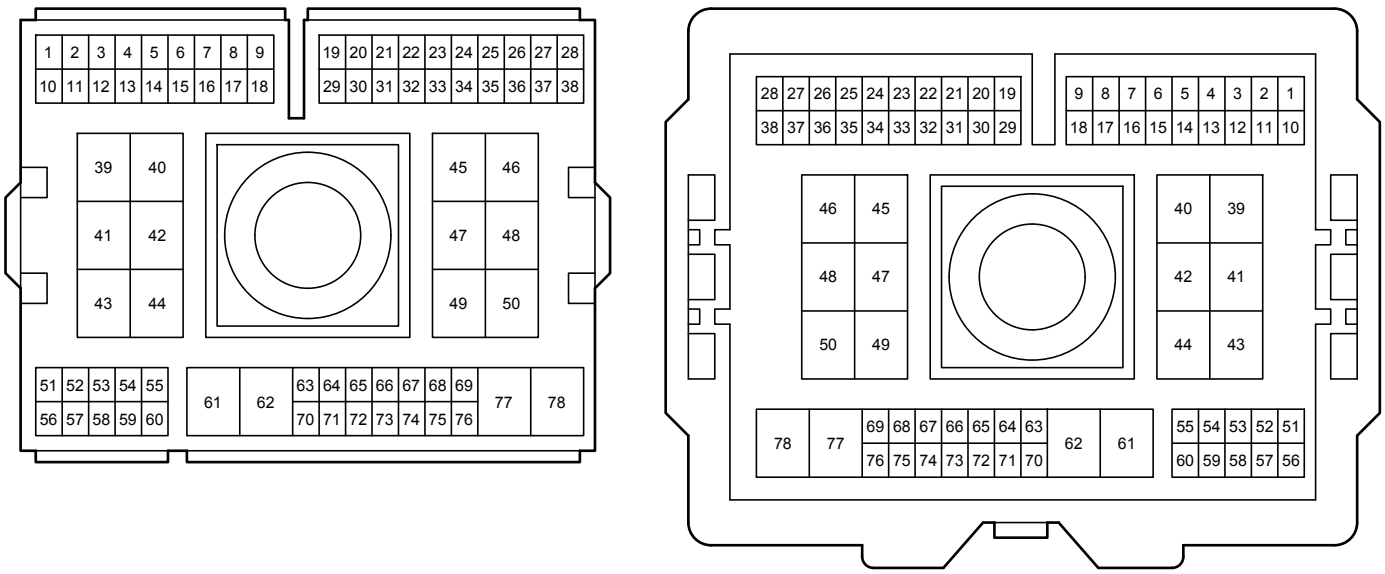
EA4
White



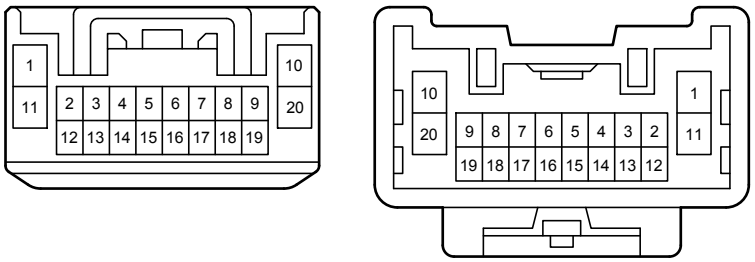
EK2
White



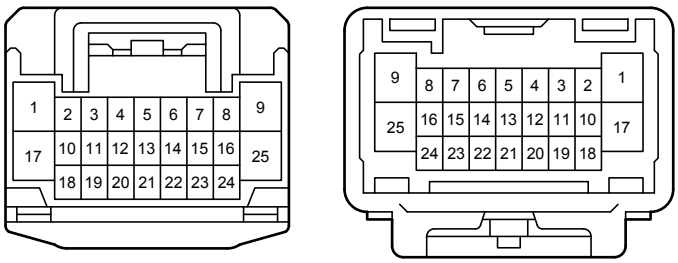
EL1
White



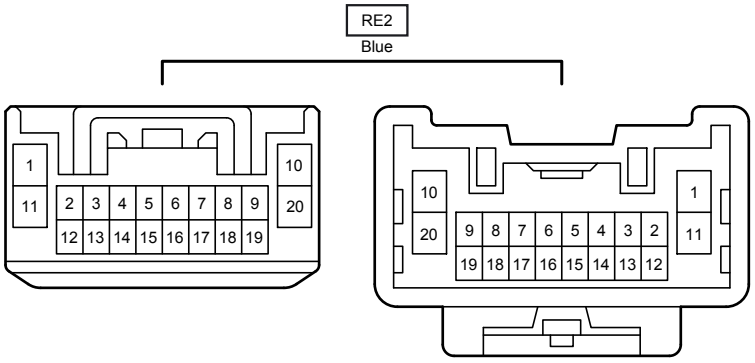
FE4
White



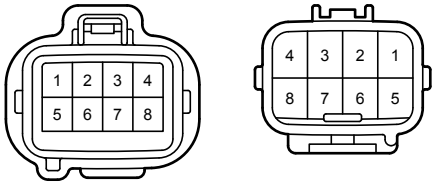
KL1
White

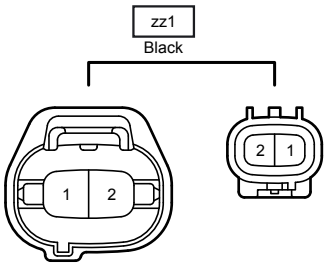


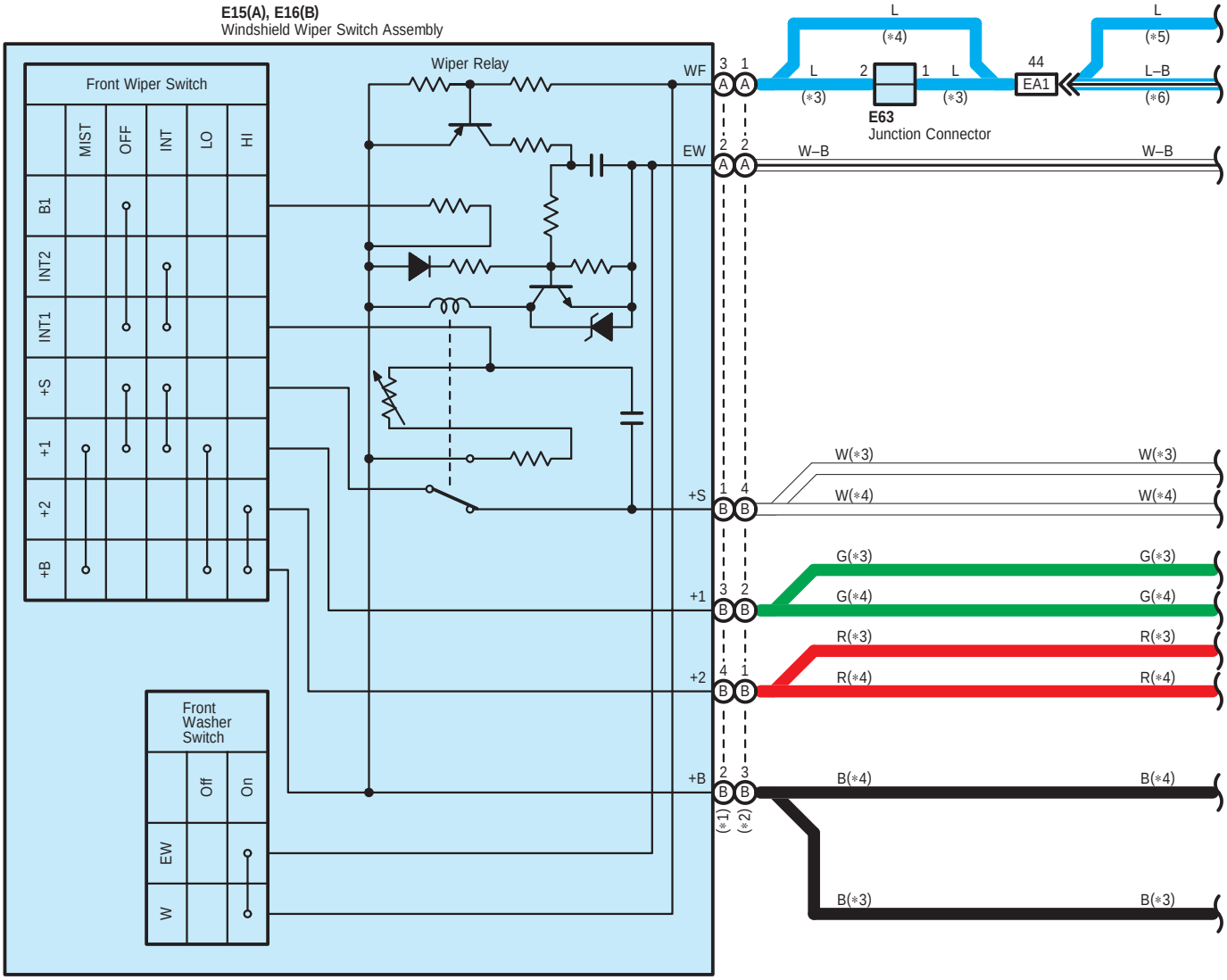
RE2
Blue



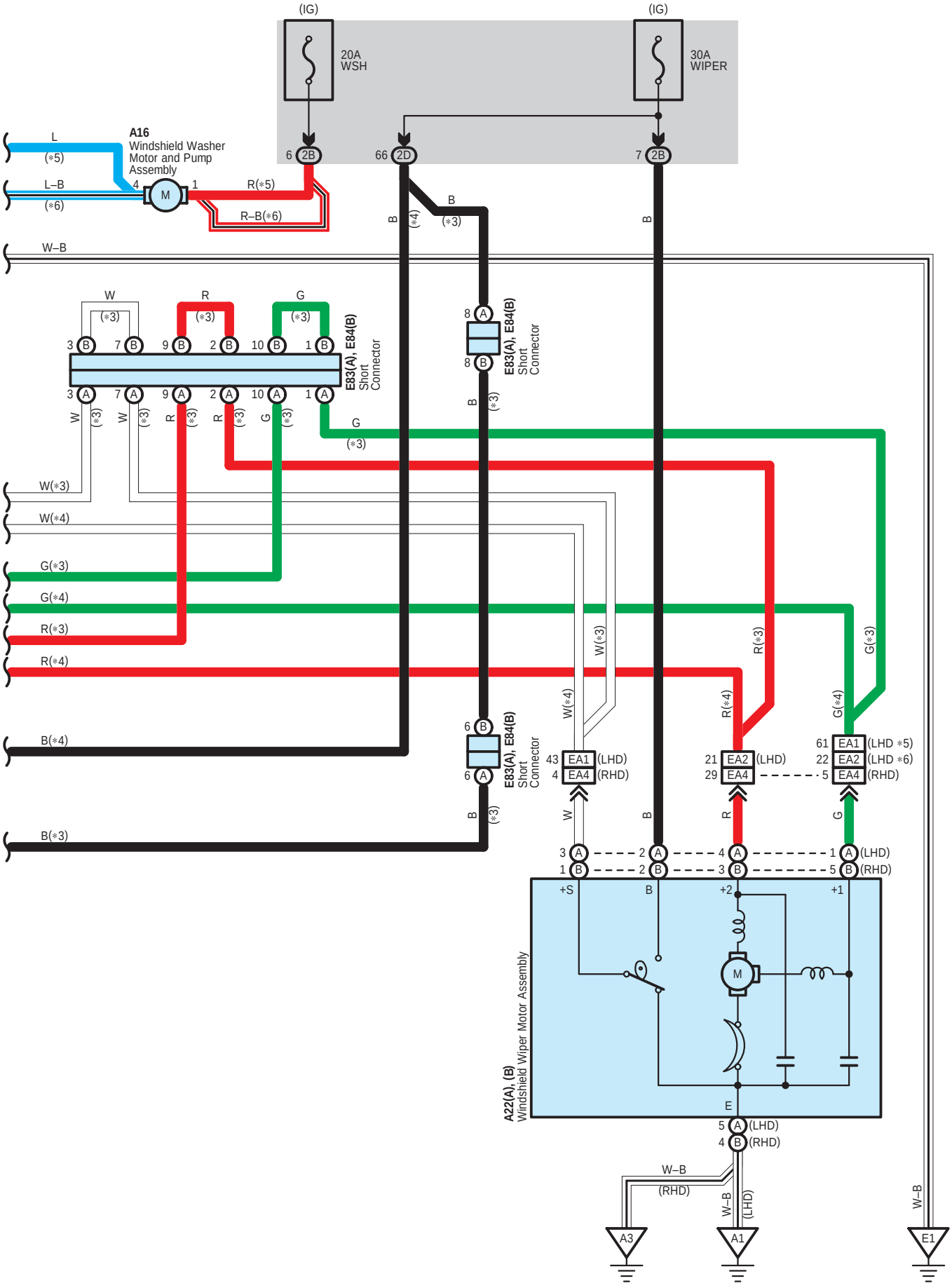
zA1
White



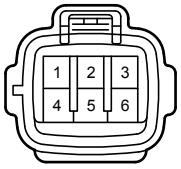

zz1
Black
1
2
2
1



∗ 1 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
∗ 2 : RHD Headlight Dimmer Switch Assembly RH Side Type
∗ 3 : w/ Short Connector
∗ 4 : w/o Short Connector
∗ 5 : From Jan. 2013 Production Except China
∗ 6 : Before Jan. 2013 Production, From Jan. 2013 Production China


(IG)
20A
WSH
(IG)
30A
WIPER
A16
Windshield Washer
Motor and Pump
Assembly
L
(*5)
L–B
(*6)
R(*5)
R–B(*6)
6 2B
66 2D
7 2B
W–B
E83(A), E84(B)
Short
Connector
W(*3)
W(*4)
G(*3)
G(*4)
R(*3)
R(*4)
B(*4)
B(*3)
EA1 (LHD)
EA4 (RHD)
EA2 (LHD)
EA4
EA1 (LHD *5)
EA2 (LHD *6)
EA4 (RHD)
A22(A), (B)
Windshield Wiper Motor Assembly
+S
B
+2
+1
E
(LHD)
(RHD)
W–B
(RHD)
W–B
(LHD)
A3
A1
E1

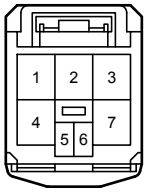
A 16
Gray



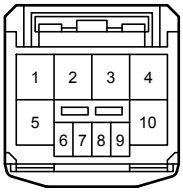
A 22
Black



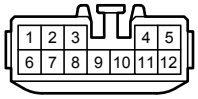
E 15
White



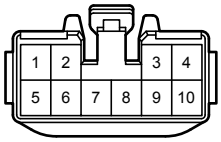
E 16
White



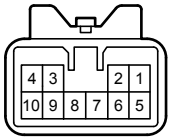
E 63
Gray



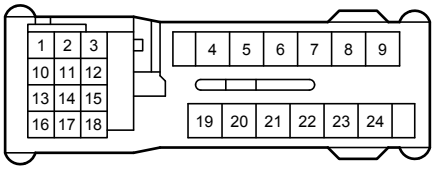
E 83
Blue



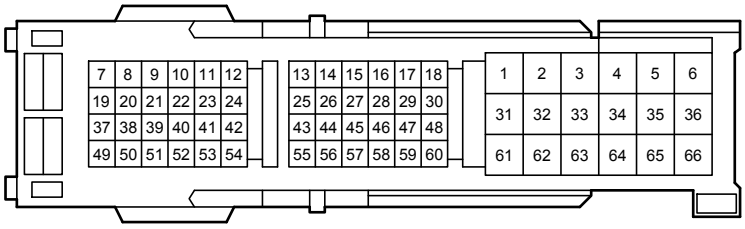
E 84
Blue



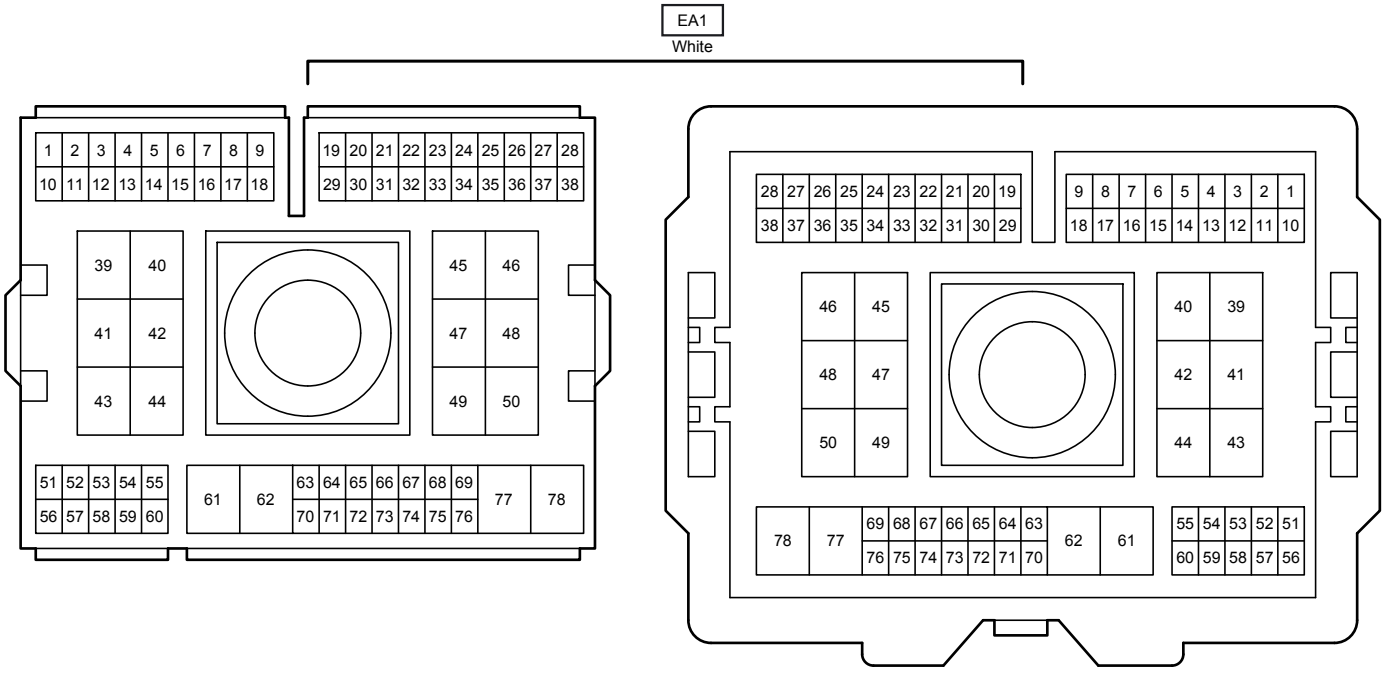
2B
White

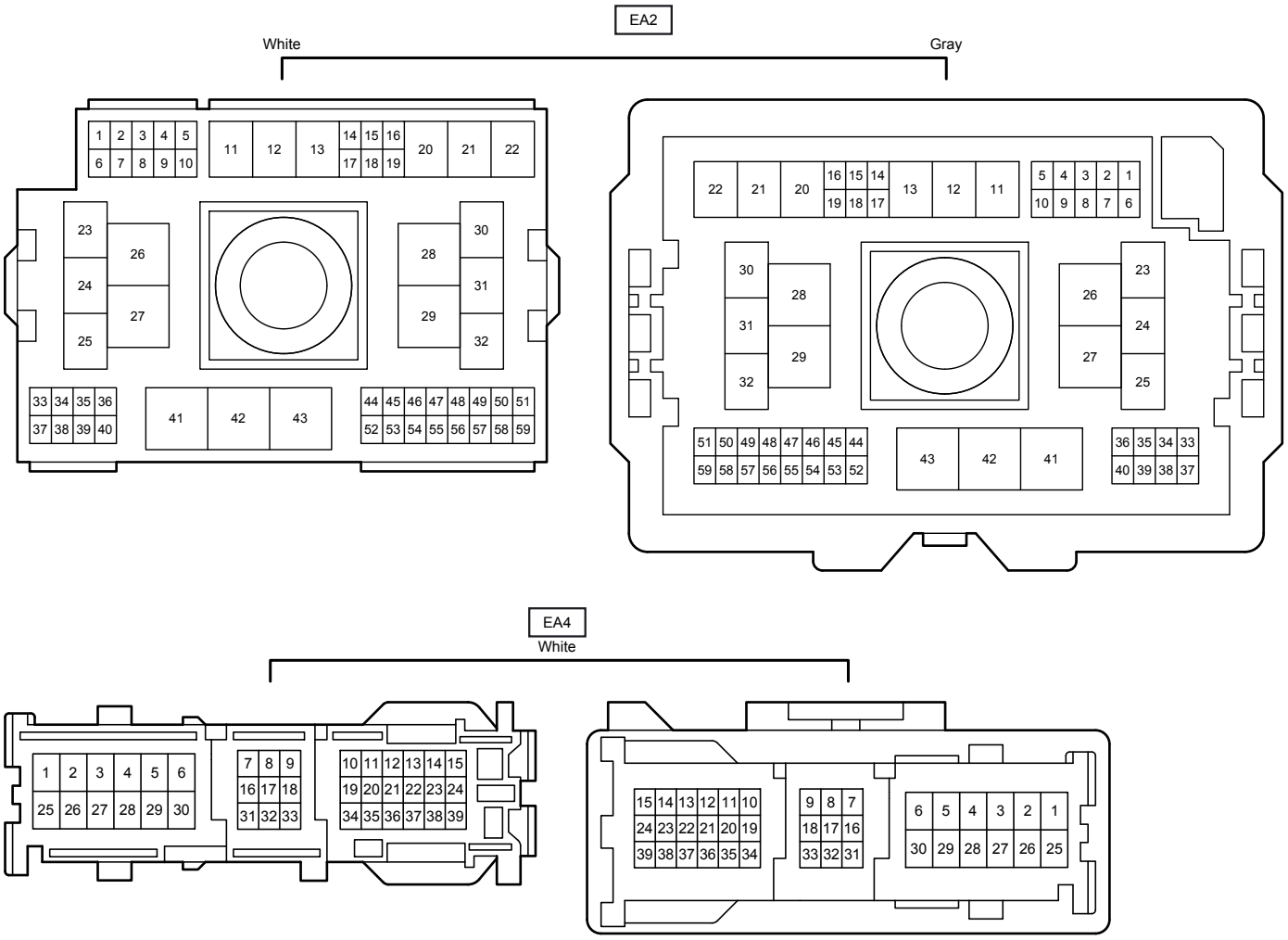


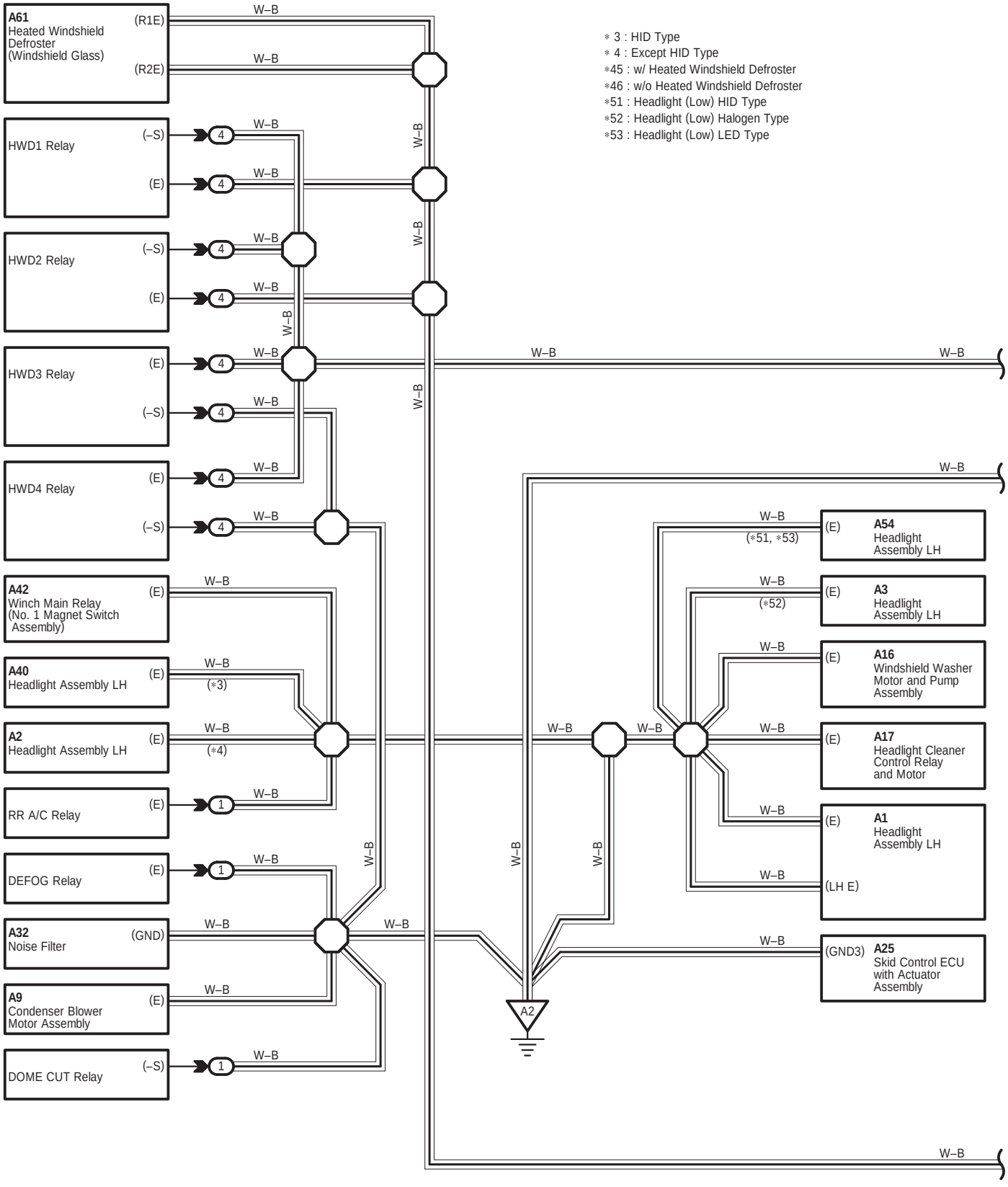
2D
White

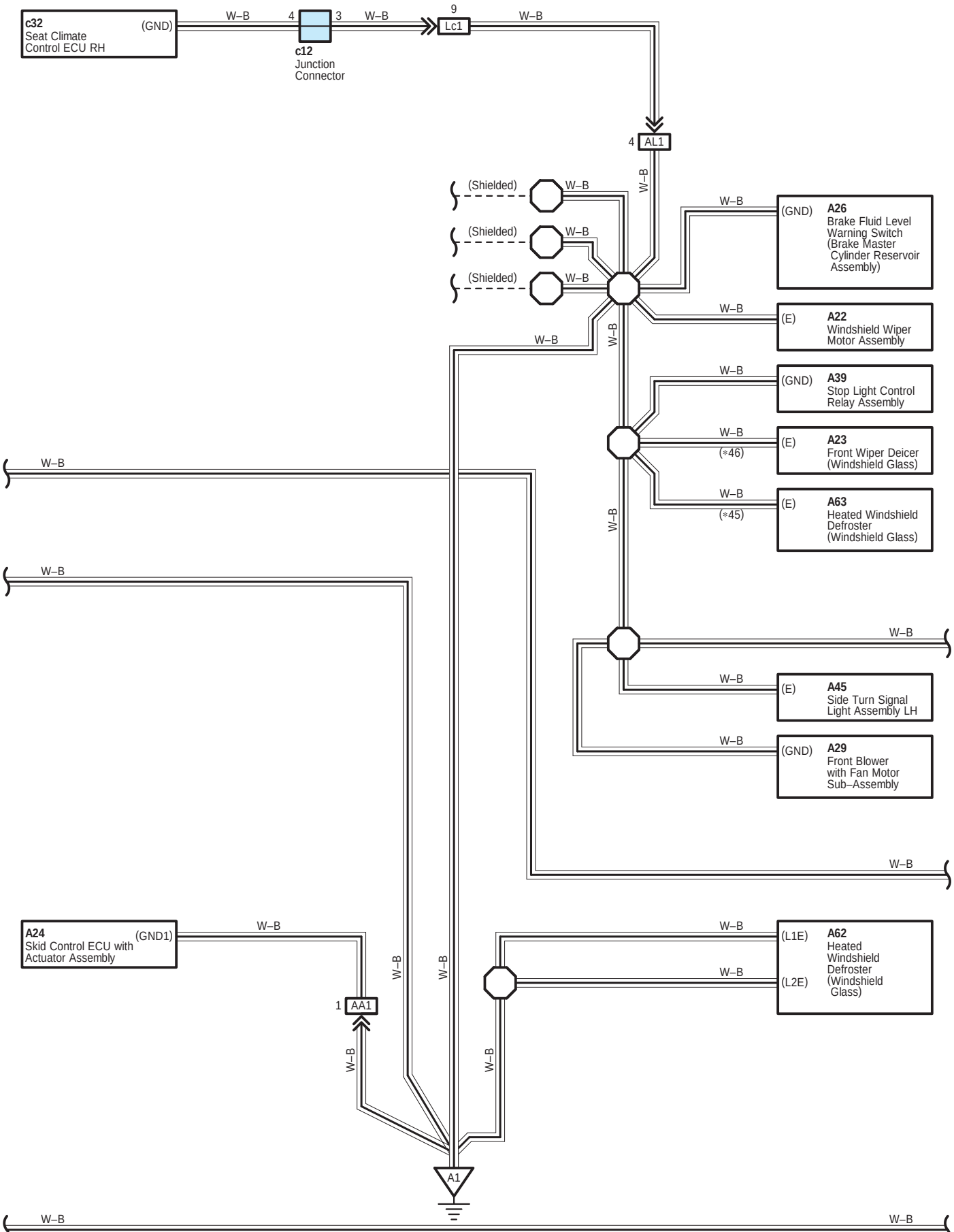


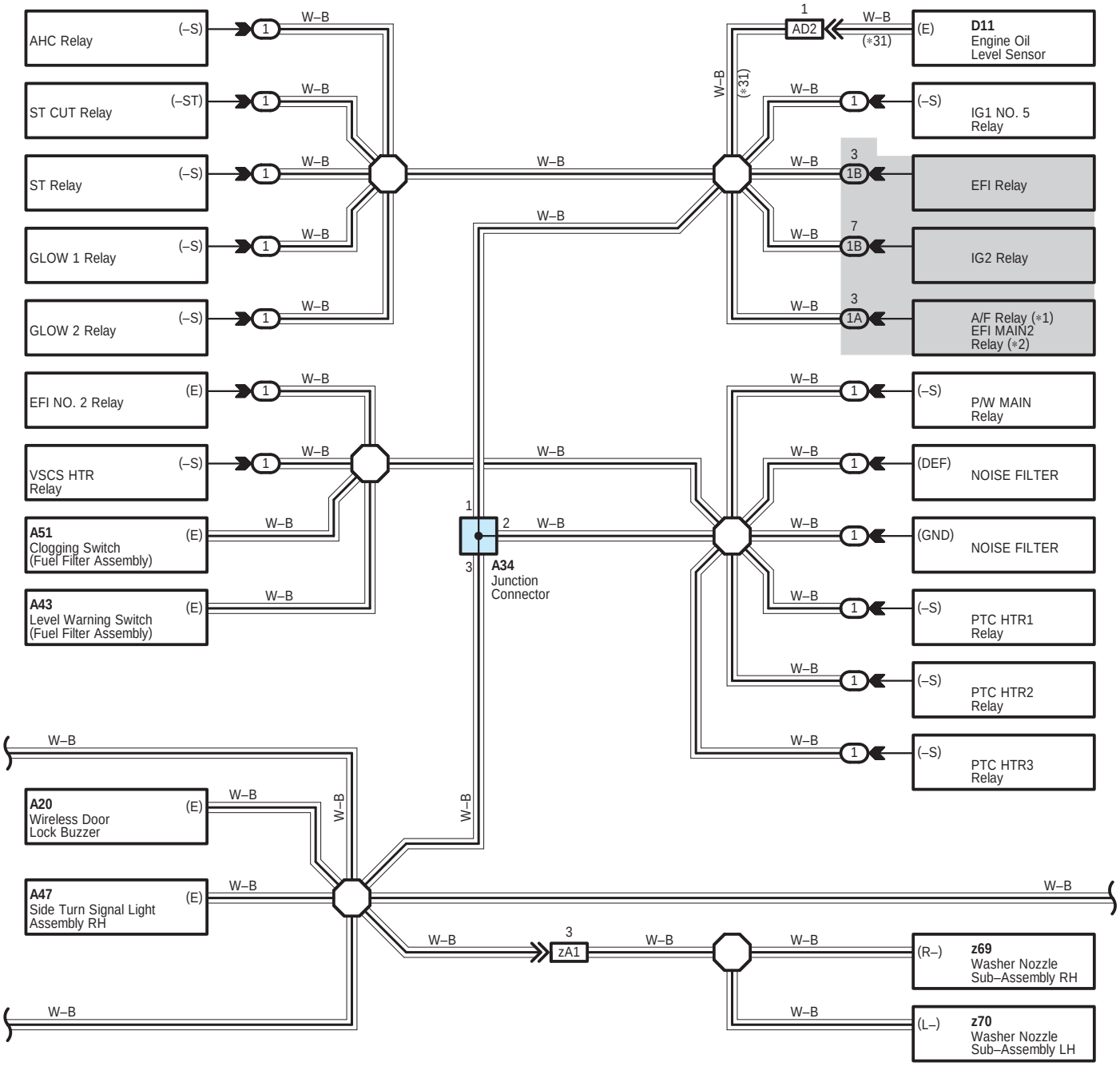
EA1
White



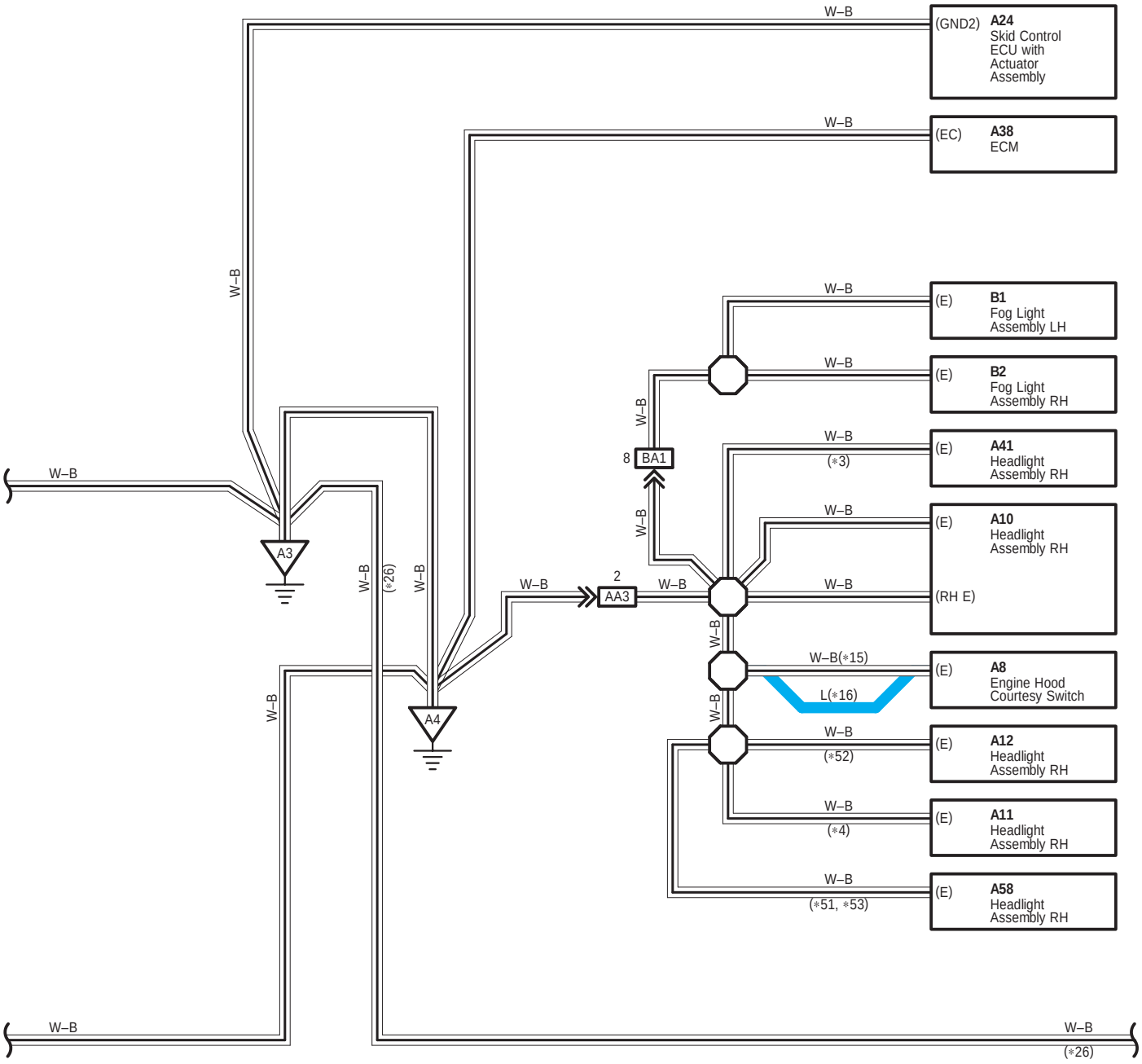

EA2
White
Gray
1 2 3 4 5
6 7 8 9 10
11 12 13 14 15 16 17 18 19 20 21 22
23 24 25 26 27
28 29 30 31 32
33 34 35 36 37 38 39 40
41 42 43
44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59
22 21 20 16 15 14 19 18 17 13 12 11
5 4 3 2 1 10 9 8 7 6
30 31 32 28 29
26 27 23 24 25
51 50 49 48 47 46 45 44 59 58 57 56 55 54 53 52
43 42 41
36 35 34 33 40 39 38 37
EA4
White
1 2 3 4 5 6 25 26 27 28 29 30
7 8 9 16 17 18 31 32 33
10 11 12 13 14 15 19 20 21 22 23 24 34 35 36 37 38 39
15 14 13 12 11 10 24 23 22 21 20 19 39 38 37 36 35 34
9 8 7 18 17 16 33 32 31
6 5 4 3 2 1 30 29 28 27 26 25


∗ 3 : HID Type
∗ 4 : Except HID Type
∗45 : w/ Heated Windshield Defroster
∗46 : w/o Heated Windshield Defroster
∗51 : Headlight (Low) HID Type
∗52 : Headlight (Low) Halogen Type
∗53 : Headlight (Low) LED Type
A61
Heated Windshield Defroster (Windshield Glass)
(R1E)
(R2E)
HWD1 Relay
HWD2 Relay
HWD3 Relay
HWD4 Relay
(–S)
(E)
A42
Winch Main Relay (No. 1 Magnet Switch Assembly)
A40
Headlight Assembly LH
(∗3)
A2
Headlight Assembly LH
(∗4)
RR A/C Relay
DEFOG Relay
A32
Noise Filter
(GND)
A9
Condenser Blower Motor Assembly
DOME CUT Relay
W–B
A2
A54
Headlight Assembly LH
(∗51, ∗53)
A3
Headlight Assembly LH
(∗52)
A16
Windshield Washer Motor and Pump Assembly
A17
Headlight Cleaner Control Relay and Motor
A1
Headlight Assembly LH
(LH E)
A25
Skid Control ECU with Actuator Assembly
(GND3)

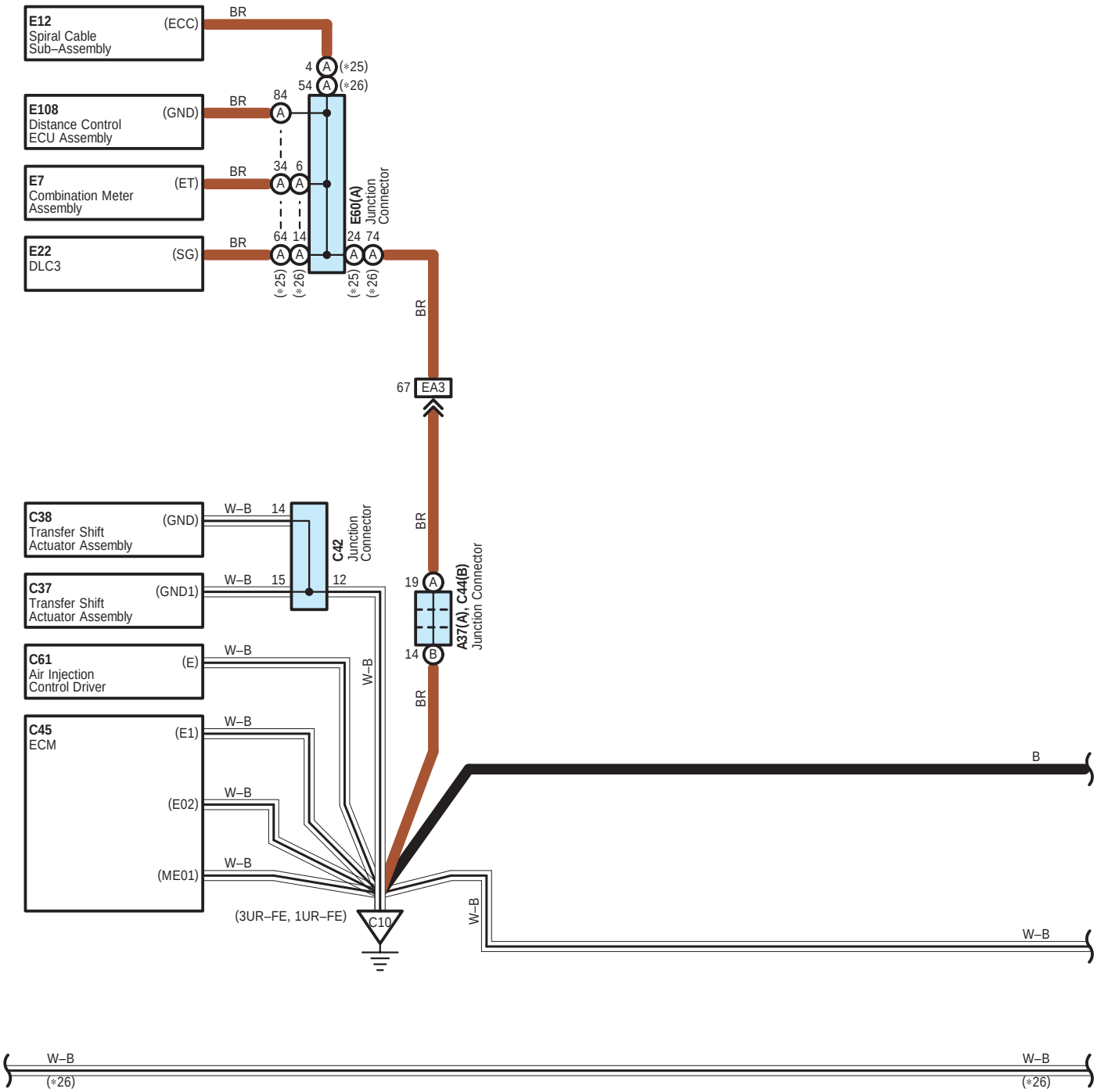

c32
Seat Climate
Control ECU RH
(GND)
W–B
4
3
W–B
9
Lc1
W–B
c12
Junction
Connector
4
AL1
W–B
(Shielded)
W–B
(Shielded)
W–B
(Shielded)
W–B
W–B
(GND)
A26
Brake Fluid Level
Warning Switch
(Brake Master
Cylinder Reservoir
Assembly)
W–B
(E)
A22
Windshield Wiper
Motor Assembly
W–B
W–B
(GND)
A39
Stop Light Control
Relay Assembly
W–B
(E)
A23
Front Wiper Deicer
(Windshield Glass)
(*46)
W–B
(E)
A63
Heated Windshield
Defroster
(Windshield Glass)
(*45)
W–B
W–B
W–B
W–B
W–B
(E)
A45
Side Turn Signal
Light Assembly LH
W–B
(GND)
A29
Front Blower
with Fan Motor
Sub–Assembly
W–B
A24
Skid Control ECU with
Actuator Assembly
(GND1)
W–B
1
AA1
W–B
W–B
W–B
W–B
W–B
(L1E)
A62
Heated
Windshield
Defroster
(Windshield
Glass)
W–B
(L2E)
A1
W–B
W–B

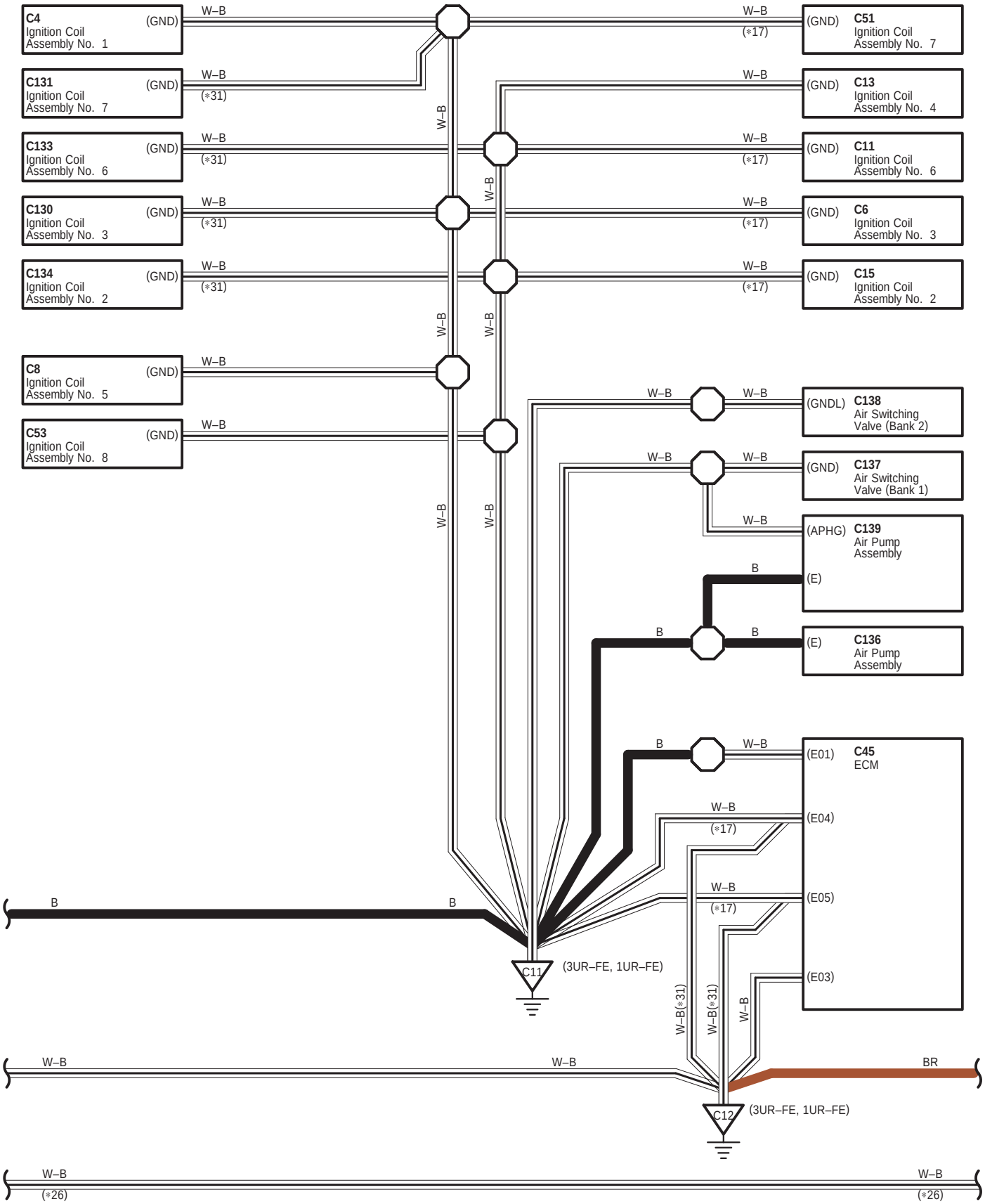

AHC Relay
(–S)
ST CUT Relay
(–ST)
ST Relay
(–S)
GLOW 1 Relay
(–S)
GLOW 2 Relay
(–S)
EFI NO. 2 Relay
(E)
VSCS HTR Relay
(–S)
A51
Clogging Switch
(Fuel Filter Assembly)
(E)
A43
Level Warning Switch
(Fuel Filter Assembly)
(E)
W–B
A34
Junction Connector
AD2
(E)
(∗31)
D11
Engine Oil Level Sensor
(–S)
IG1 NO. 5 Relay
EFI Relay
IG2 Relay
A/F Relay (∗1)
EFI MAIN2 Relay (∗2)
(–S)
P/W MAIN Relay
(DEF)
NOISE FILTER
(GND)
NOISE FILTER
(–S)
PTC HTR1 Relay
(–S)
PTC HTR2 Relay
(–S)
PTC HTR3 Relay
A20
Wireless Door Lock Buzzer
(E)
A47
Side Turn Signal Light Assembly RH
(E)
zA1
(R–)
z69
Washer Nozzle Sub–Assembly RH
(L–)
z70
Washer Nozzle Sub–Assembly LH

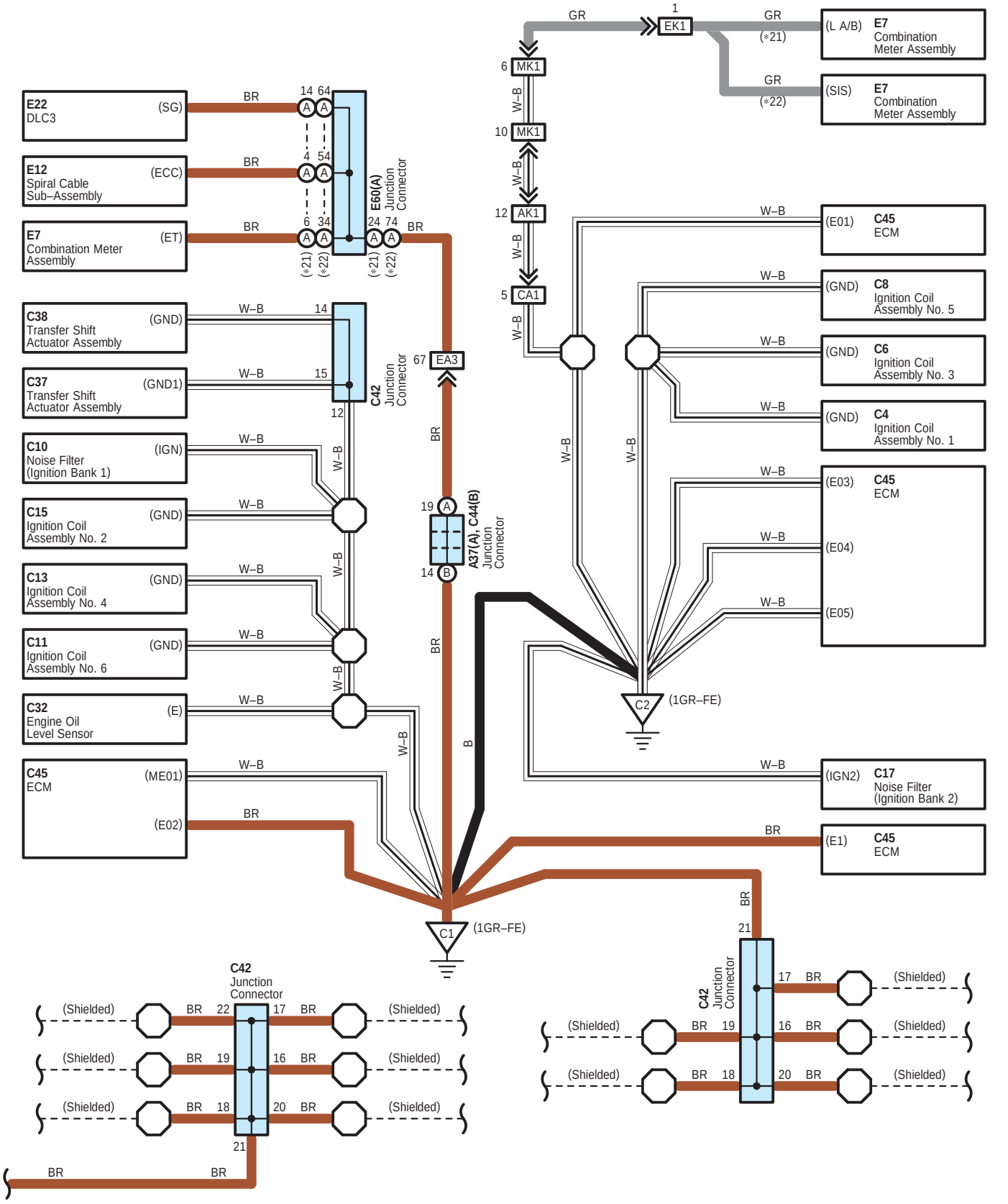
∗ 1 : Gasoline
∗ 2 : Diesel
∗ 3 : HID Type
∗ 4 : Except HID Type
∗15 : Before Jul. 2009 Production
∗16 : From Jul. 2009 Production
∗26 : From Jan. 2012 Production
∗31 : 1UR–FE
∗51 : Headlight (Low) HID Type
∗52 : Headlight (Low) Halogen Type
∗53 : Headlight (Low) LED Type

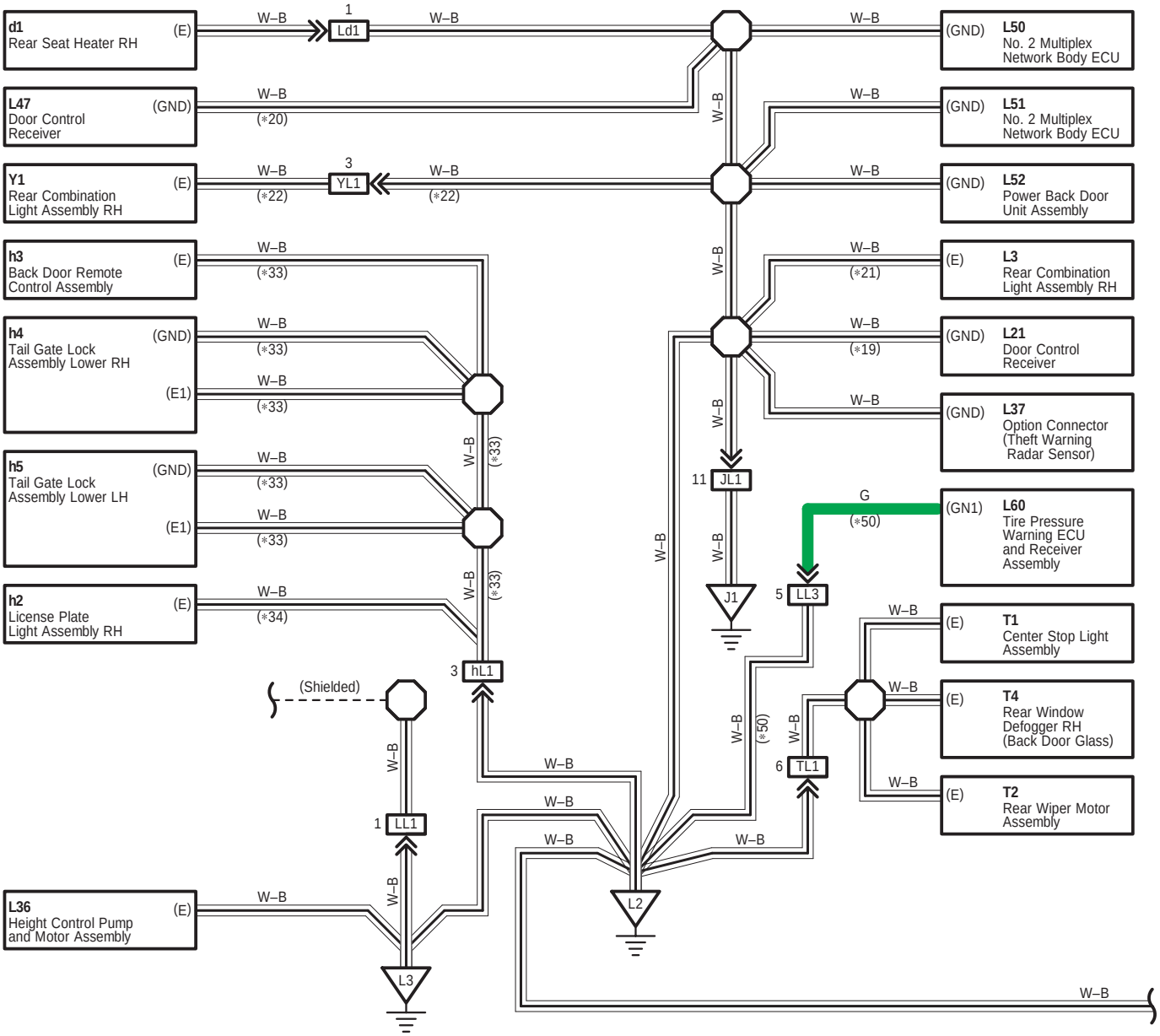


∗17 : 3UR–FE
∗25 : Before Jan. 2012 Production
∗26 : From Jan. 2012 Production
∗31 : 1UR–FE

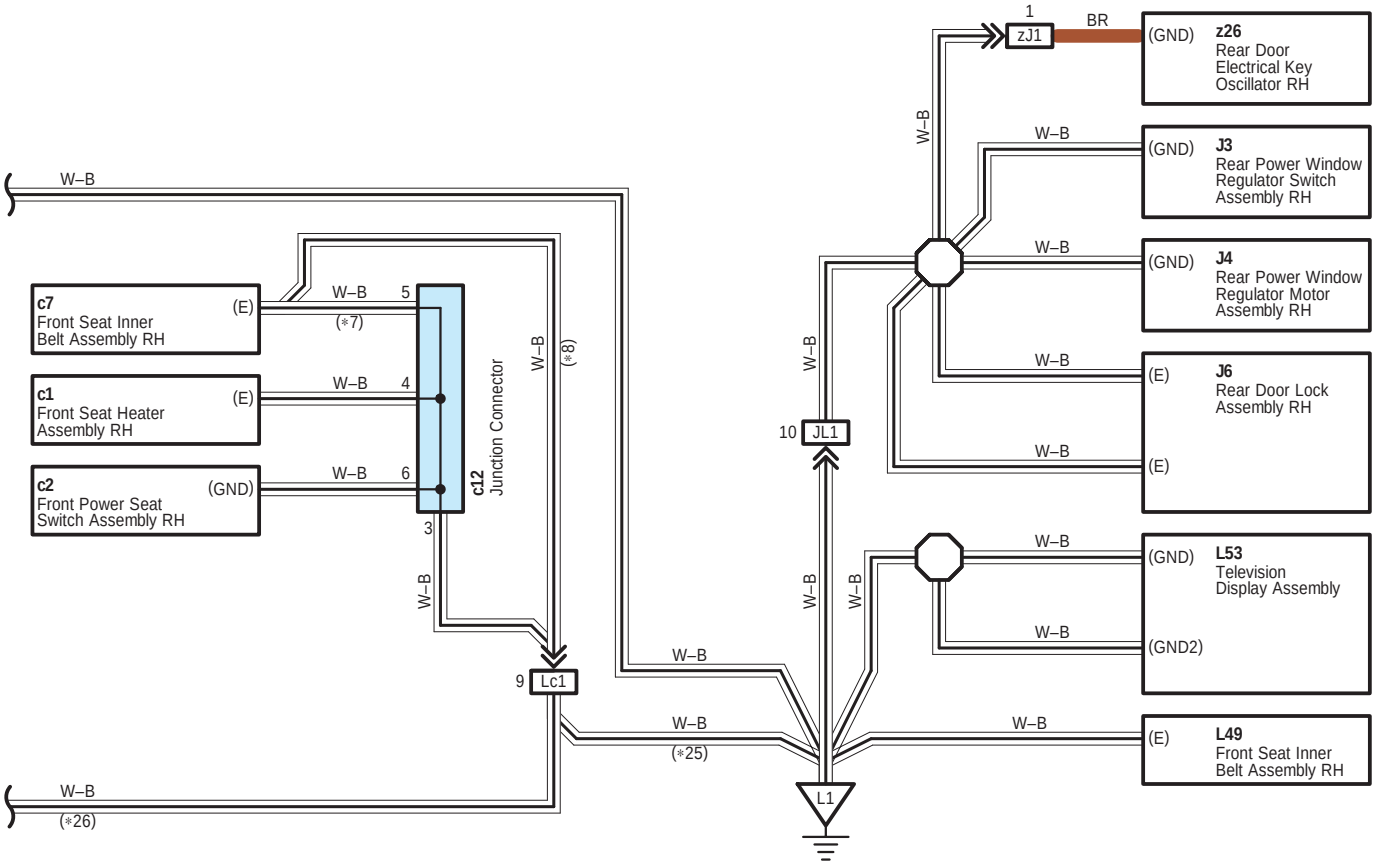


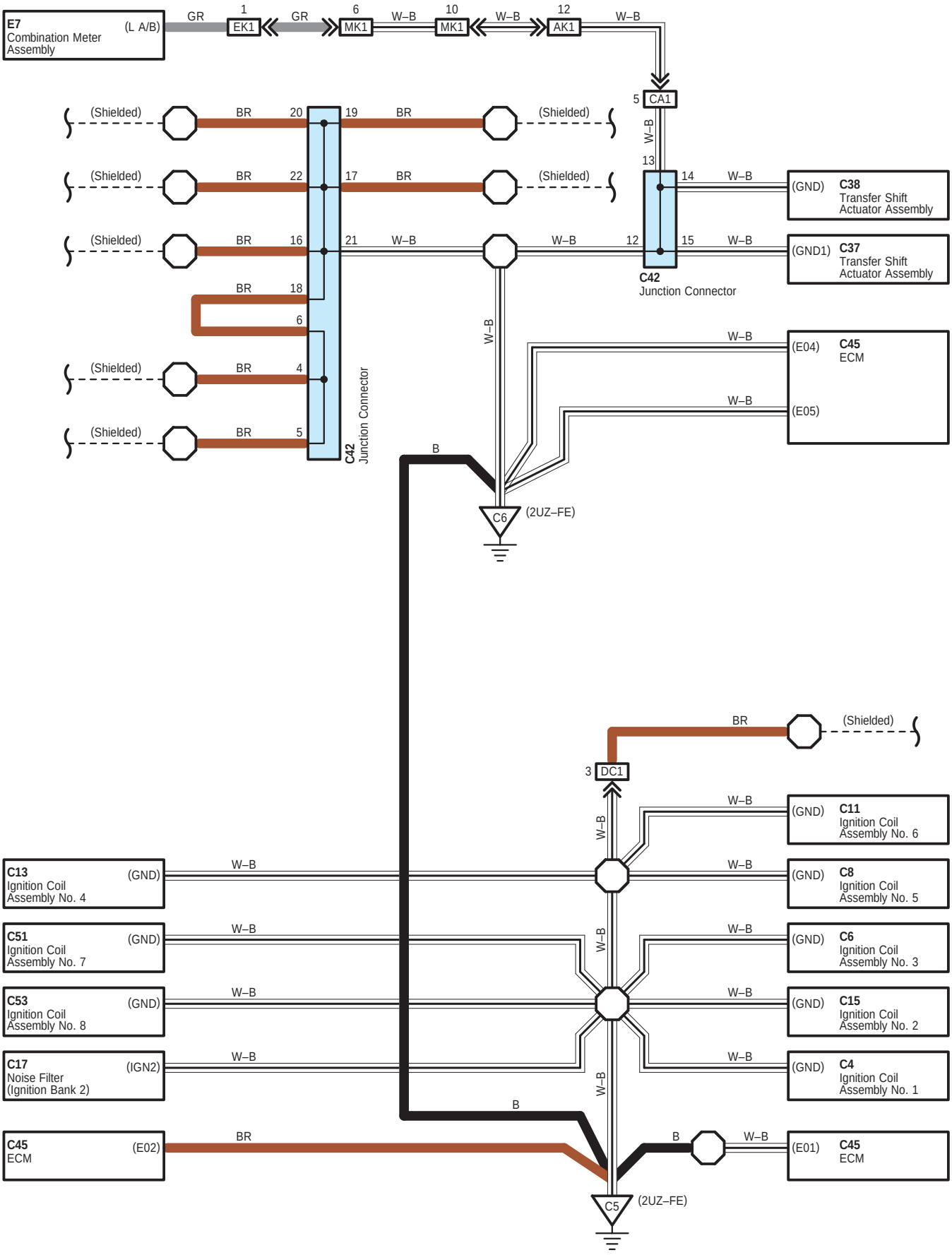

C4
Ignition Coil
Assembly No. 1
(GND)
W–B
C131
Ignition Coil
Assembly No. 7
(GND)
W–B
(*31)
C133
Ignition Coil
Assembly No. 6
(GND)
W–B
(*31)
C130
Ignition Coil
Assembly No. 3
(GND)
W–B
(*31)
C134
Ignition Coil
Assembly No. 2
(GND)
W–B
(*31)
C8
Ignition Coil
Assembly No. 5
(GND)
W–B
C53
Ignition Coil
Assembly No. 8
(GND)
W–B
W–B
W–B
W–B
W–B
W–B
W–B
W–B
W–B
(*17)
(GND)
C51
Ignition Coil
Assembly No. 7
C13
Ignition Coil
Assembly No. 4
C11
Ignition Coil
Assembly No. 6
C6
Ignition Coil
Assembly No. 3
C15
Ignition Coil
Assembly No. 2
(GNDL)
C138
Air Switching
Valve (Bank 2)
C137
Air Switching
Valve (Bank 1)
(APHG)
C139
Air Pump
Assembly
(E)
B
B
B
B
(E)
C136
Air Pump
Assembly
(E01)
C45
ECM
(E04)
(E05)
(E03)
W–B(*31)
W–B(*31)
W–B
B
B
C11
(3UR–FE, 1UR–FE)
W–B
W–B
BR
C12
(3UR–FE, 1UR–FE)
W–B
(*26)
W–B
(*26)


E22
DLC3
(SG)
BR
14 64
E12
Spiral Cable
Sub–Assembly
(ECC)
BR
4 54
E7
Combination Meter
Assembly
(ET)
BR
6 34
E60(A) Junction Connector
24 74
(*21) (*22)
BR
C38
Transfer Shift
Actuator Assembly
(GND)
W–B
14
C37
Transfer Shift
Actuator Assembly
(GND1)
W–B
15
12
C42 Junction Connector
67 EA3
C10
Noise Filter
(Ignition Bank 1)
(IGN)
W–B
C15
Ignition Coil
Assembly No. 2
(GND)
W–B
C13
Ignition Coil
Assembly No. 4
(GND)
W–B
C11
Ignition Coil
Assembly No. 6
(GND)
W–B
C32
Engine Oil
Level Sensor
(E)
W–B
C45
ECM
(ME01)
W–B
(E02)
BR
19 A
14 B
A37(A), C44(B) Junction Connector
BR
B
W–B
C1
(1GR–FE)
GR
1
EK1
6 MK1
W–B
10 MK1
W–B
12 AK1
W–B
5 CA1
W–B
GR
(*21)
(L A/B)
E7
Combination Meter Assembly
GR
(*22)
(SIS)
E7
Combination Meter Assembly
W–B
(E01)
C45
ECM
W–B
(GND)
C8
Ignition Coil
Assembly No. 5
W–B
(GND)
C6
Ignition Coil
Assembly No. 3
W–B
(GND)
C4
Ignition Coil
Assembly No. 1
W–B
(E03)
C45
ECM
W–B
(E04)
W–B
(E05)
C2
(1GR–FE)
W–B
(IGN2)
C17
Noise Filter
(Ignition Bank 2)
BR
(E1)
C45
ECM
BR
21
C42 Junction Connector
17 BR
(Shielded)
BR 19
16 BR
(Shielded)
BR 18
20 BR
(Shielded)
C42
Junction Connector
(Shielded)
BR 22
17 BR
(Shielded)
(Shielded)
BR 19
16 BR
(Shielded)
(Shielded)
BR 18
20 BR
(Shielded)
21
BR
BR
W–B
(*26)
W–B
(*26)

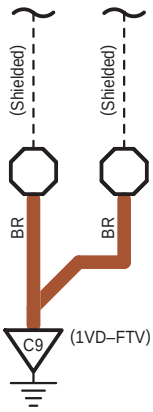

d1
Rear Seat Heater RH
(E)
W–B
1
Ld1
W–B
L47
Door Control
Receiver
(GND)
W–B
(∗20)
Y1
Rear Combination
Light Assembly RH
(E)
W–B
(∗22)
3
YL1
W–B
(∗22)
h3
Back Door Remote
Control Assembly
(E)
W–B
(∗33)
h4
Tail Gate Lock
Assembly Lower RH
(GND)
(E1)
W–B
(∗33)
h5
Tail Gate Lock
Assembly Lower LH
(GND)
(E1)
W–B
(∗33)
h2
License Plate
Light Assembly RH
(E)
W–B
(∗34)
3
hL1
(Shielded)
W–B
(∗33)
1
LL1
W–B
L36
Height Control Pump
and Motor Assembly
(E)
W–B
L3
L2
W–B
W–B
W–B

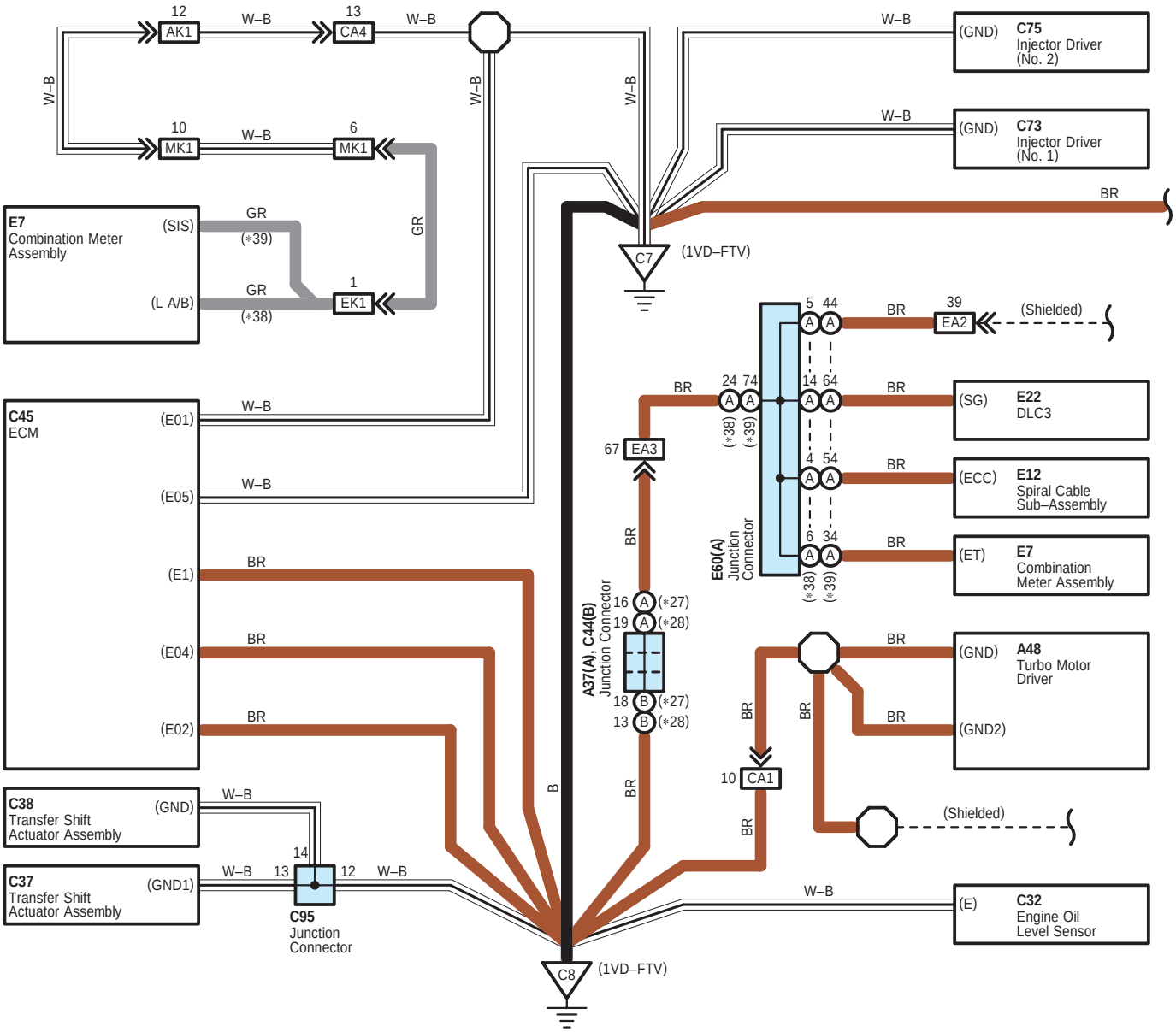
∗ 7 : w/ Front Power Seat Position Motor
∗ 8 : w/o Front Power Seat Position Motor
∗25 : Before Jan. 2012 Production
∗26 : From Jan. 2012 Production

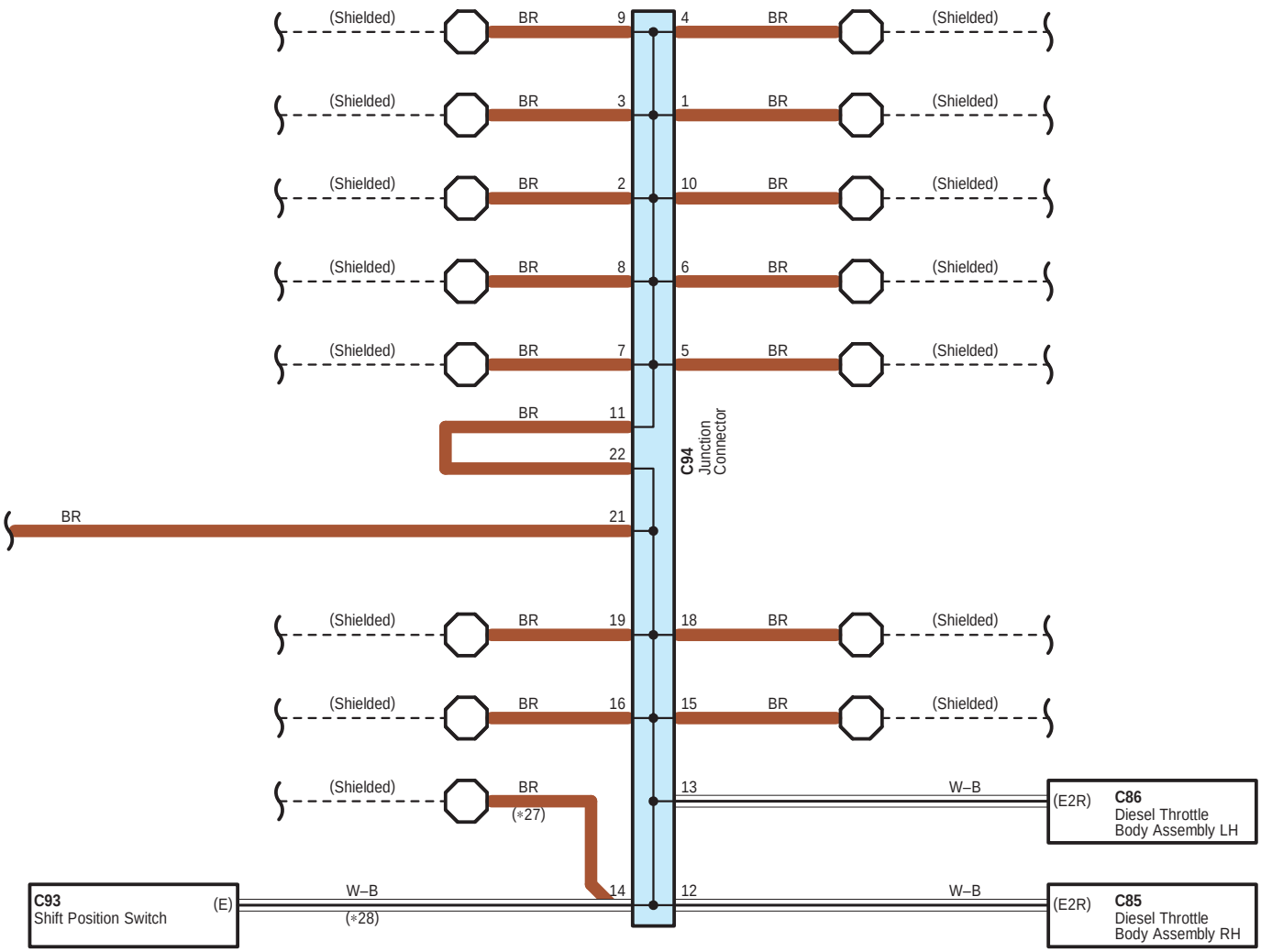


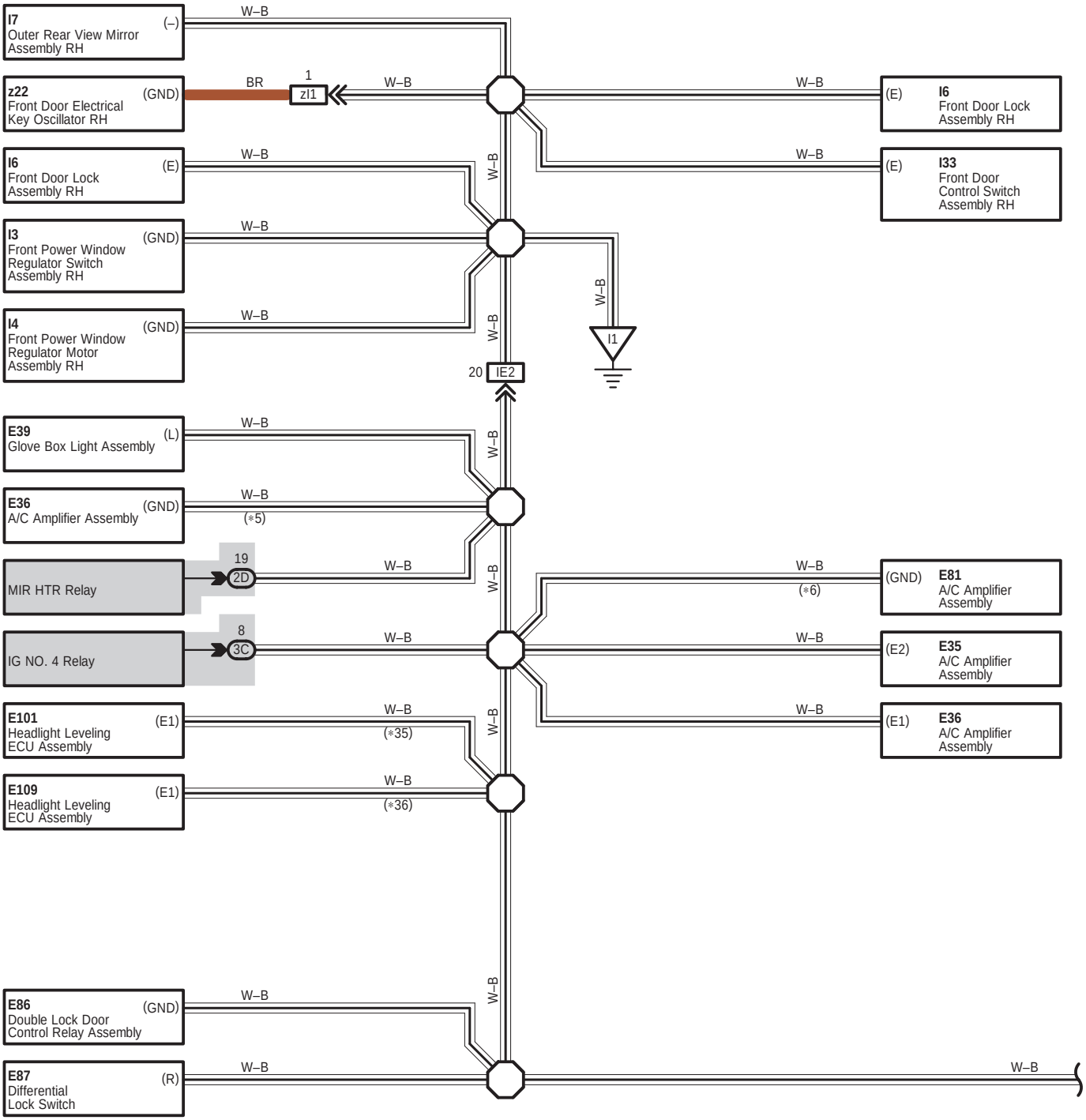

E7
Combination Meter Assembly
(L A/B)
GR
1
EK1
GR
6
MK1
W–B
10
MK1
W–B
12
AK1
W–B
5
CA1
W–B
13
14
W–B
(GND)
C38
Transfer Shift Actuator Assembly
15
W–B
(GND1)
C37
Transfer Shift Actuator Assembly
C42
Junction Connector
(Shielded)
BR
20
19
BR
(Shielded)
22
17
16
21
W–B
12
18
6
4
5
C42
Junction Connector
W–B
(E04)
C45
ECM
(E05)
B
C6
(2UZ–FE)
BR
(Shielded)
3
DC1
(GND)
C11
Ignition Coil Assembly No. 6
C8
Ignition Coil Assembly No. 5
C6
Ignition Coil Assembly No. 3
C15
Ignition Coil Assembly No. 2
C4
Ignition Coil Assembly No. 1
C13
Ignition Coil Assembly No. 4
C51
Ignition Coil Assembly No. 7
C53
Ignition Coil Assembly No. 8
C17
Noise Filter (Ignition Bank 2)
(IGN2)
C45
ECM
(E02)
(E01)
C5
(2UZ–FE)

∗27 : w/ DPF
∗28 : w/o DPF
∗38 : Before Jan. 2012 Production Liftgate Type
∗39 : From Jan. 2012 Production Liftgate Type, Swing Type

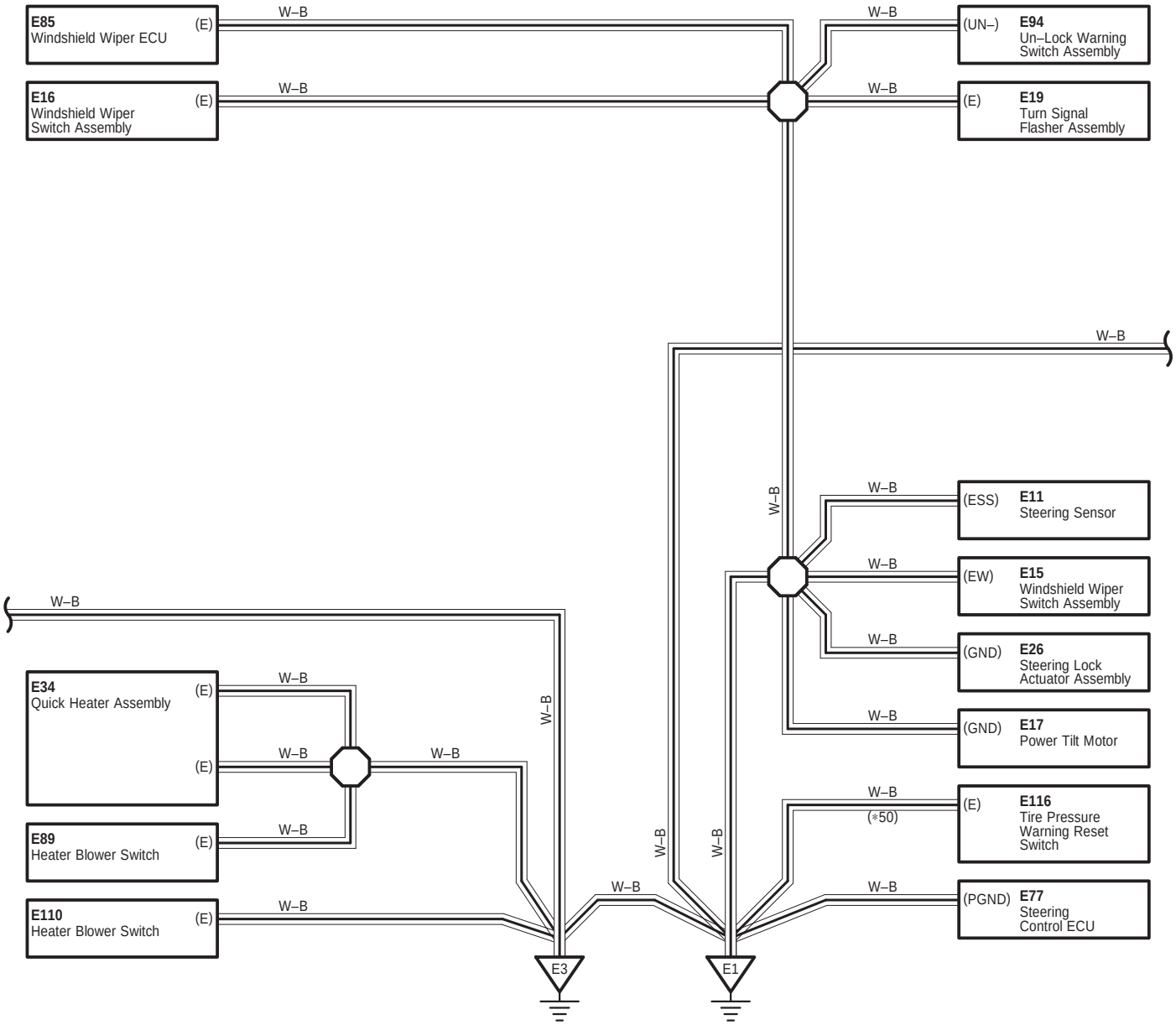


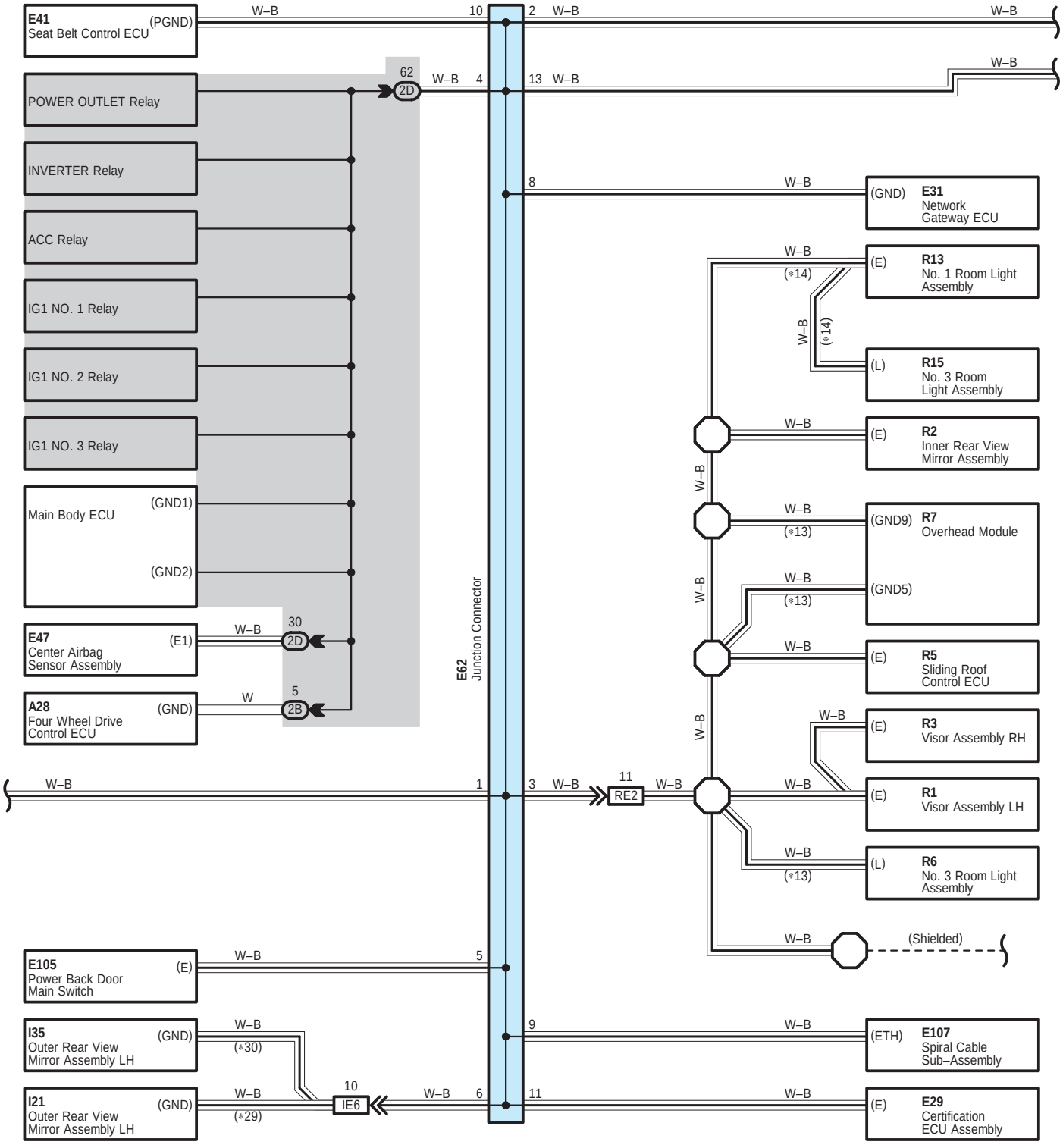


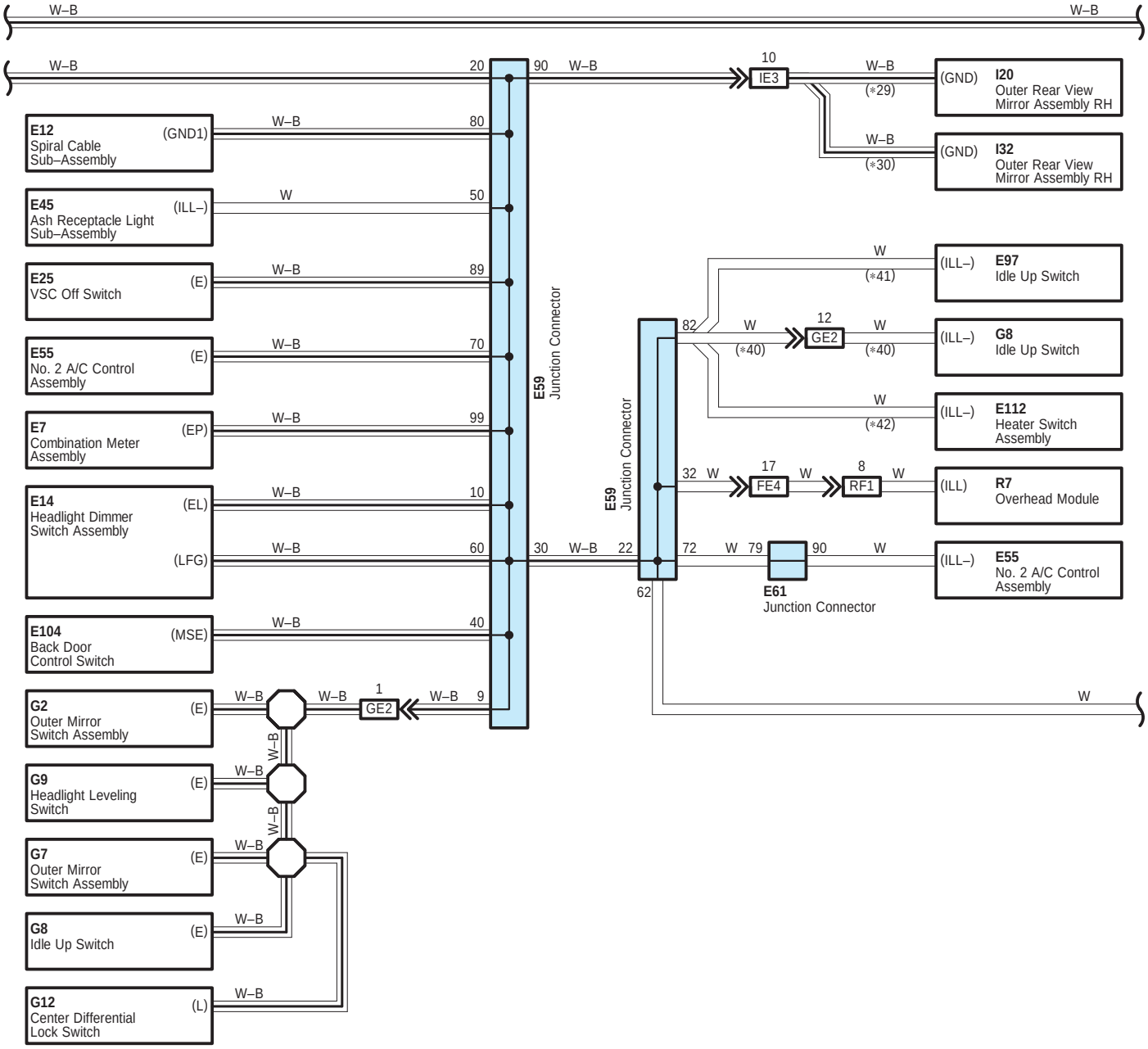

(Shielded)
BR
9
4
BR
(Shielded)
(Shielded)
BR
3
1
BR
(Shielded)
(Shielded)
BR
2
10
BR
(Shielded)
(Shielded)
BR
8
6
BR
(Shielded)
(Shielded)
BR
7
5
BR
(Shielded)
BR
11
22
C94
Junction
Connector
BR
21
(Shielded)
BR
19
18
BR
(Shielded)
(Shielded)
BR
16
15
BR
(Shielded)
(Shielded)
BR
(*27)
13
W–B
(E2R)
C86
Diesel Throttle
Body Assembly LH
C93
Shift Position Switch
(E)
W–B
(*28)
14
12
W–B
(E2R)
C85
Diesel Throttle
Body Assembly RH


I7
Outer Rear View Mirror Assembly RH
(–)
W–B
z22
Front Door Electrical Key Oscillator RH
(GND)
BR
1
zI1
W–B
I6
Front Door Lock Assembly RH
(E)
W–B
I33
Front Door Control Switch Assembly RH
(E)
W–B
I3
Front Power Window Regulator Switch Assembly RH
(GND)
W–B
I4
Front Power Window Regulator Motor Assembly RH
(GND)
W–B
W–B
W–B
I1
20
IE2
E39
Glove Box Light Assembly
(L)
W–B
E36
A/C Amplifier Assembly
(GND)
W–B
(*5)
MIR HTR Relay
19
2D
W–B
E81
A/C Amplifier Assembly
(GND)
W–B
(*6)
IG NO. 4 Relay
8
3C
W–B
E35
A/C Amplifier Assembly
(E2)
W–B
E101
Headlight Leveling ECU Assembly
(E1)
W–B
(*35)
E36
A/C Amplifier Assembly
(E1)
W–B
E109
Headlight Leveling ECU Assembly
(E1)
W–B
(*36)
E86
Double Lock Door Control Relay Assembly
(GND)
W–B
E87
Differential Lock Switch
(R)
W–B
W–B

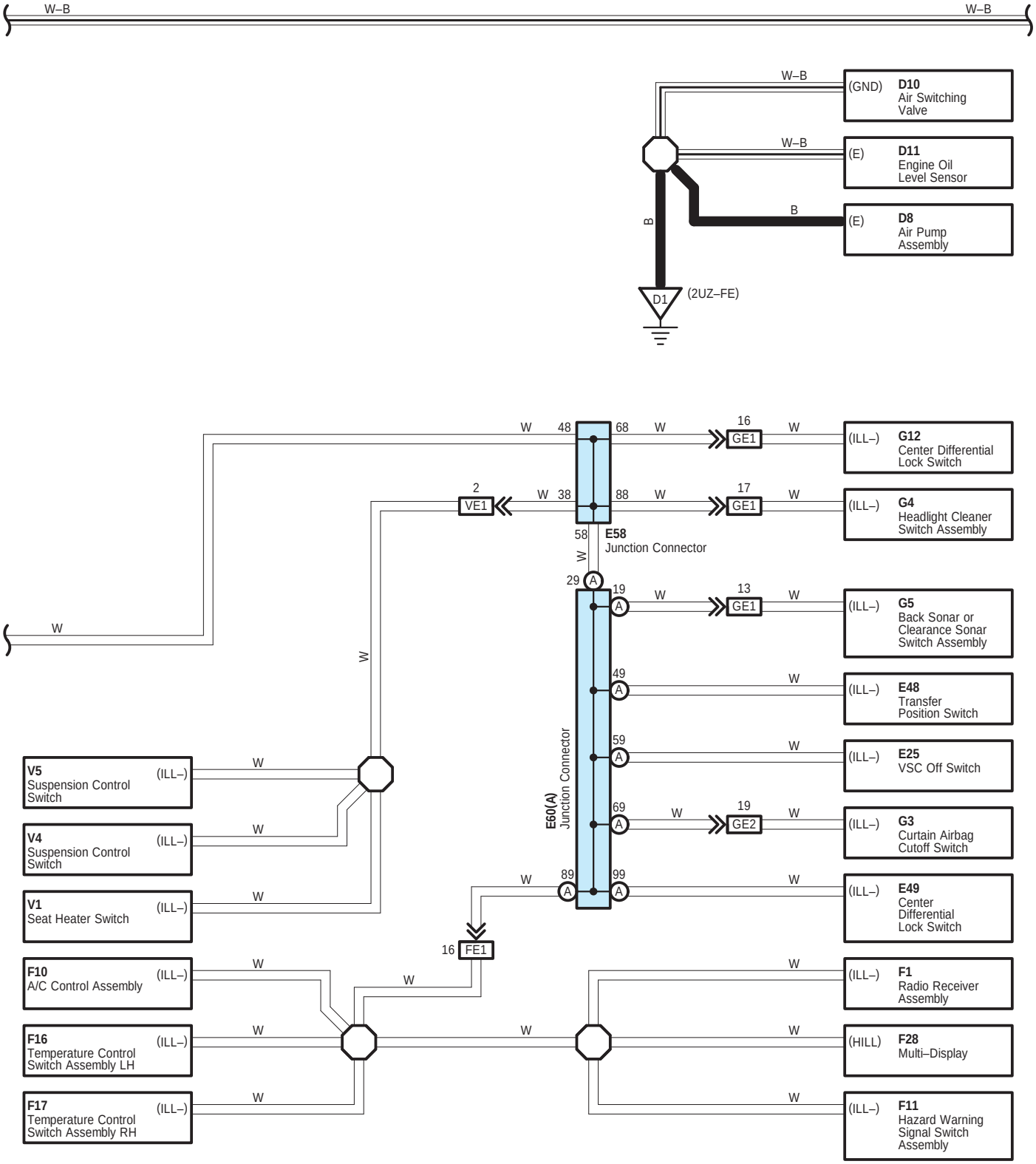
∗ 5 : w/ Rear A/C
∗ 6 : w/o Rear A/C
∗35 : Dynamic Type
∗36 : Static Type
∗50 : w/ Tire Pressure Warning System

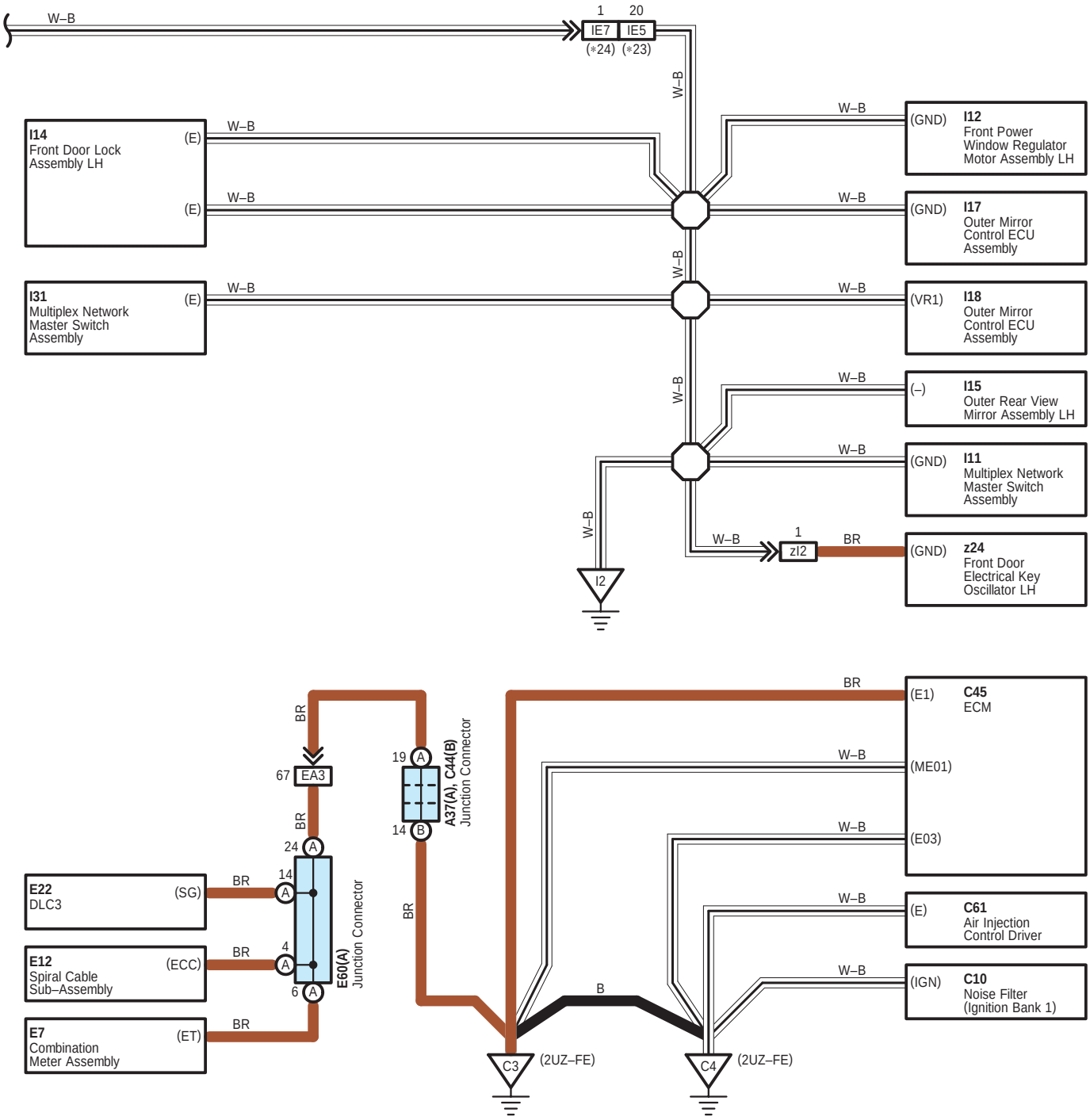



E41
Seat Belt Control ECU
(PGND)
W–B
10
2
W–B
W–B
POWER OUTLET Relay
62
2D
W–B
4
13
W–B
W–B
INVERTER Relay
ACC Relay
IG1 NO. 1 Relay
IG1 NO. 2 Relay
IG1 NO. 3 Relay
8
W–B
(GND)
E31
Network
Gateway ECU
W–B
(*14)
(E)
R13
No. 1 Room Light
Assembly
W–B
(*14)
(L)
R15
No. 3 Room
Light Assembly
W–B
(E)
R2
Inner Rear View
Mirror Assembly
W–B
Main Body ECU
(GND1)
(GND2)
W–B
(*13)
(GND9)
R7
Overhead Module
W–B
(*13)
(GND5)
E47
Center Airbag
Sensor Assembly
(E1)
W–B
30
2D
W–B
(E)
R5
Sliding Roof
Control ECU
A28
Four Wheel Drive
Control ECU
(GND)
W
5
2B
W–B
(E)
R3
Visor Assembly RH
E62
Junction Connector
W–B
1
3
W–B
11
RE2
W–B
W–B
(E)
R1
Visor Assembly LH
W–B
(*13)
(L)
R6
No. 3 Room Light
Assembly
W–B
(Shielded)
E105
Power Back Door
Main Switch
(E)
W–B
5
I35
Outer Rear View
Mirror Assembly LH
(GND)
W–B
(*30)
9
W–B
(ETH)
E107
Spiral Cable
Sub–Assembly
I21
Outer Rear View
Mirror Assembly LH
(GND)
W–B
(*29)
10
IE6
W–B
6
11
W–B
(E)
E29
Certification
ECU Assembly

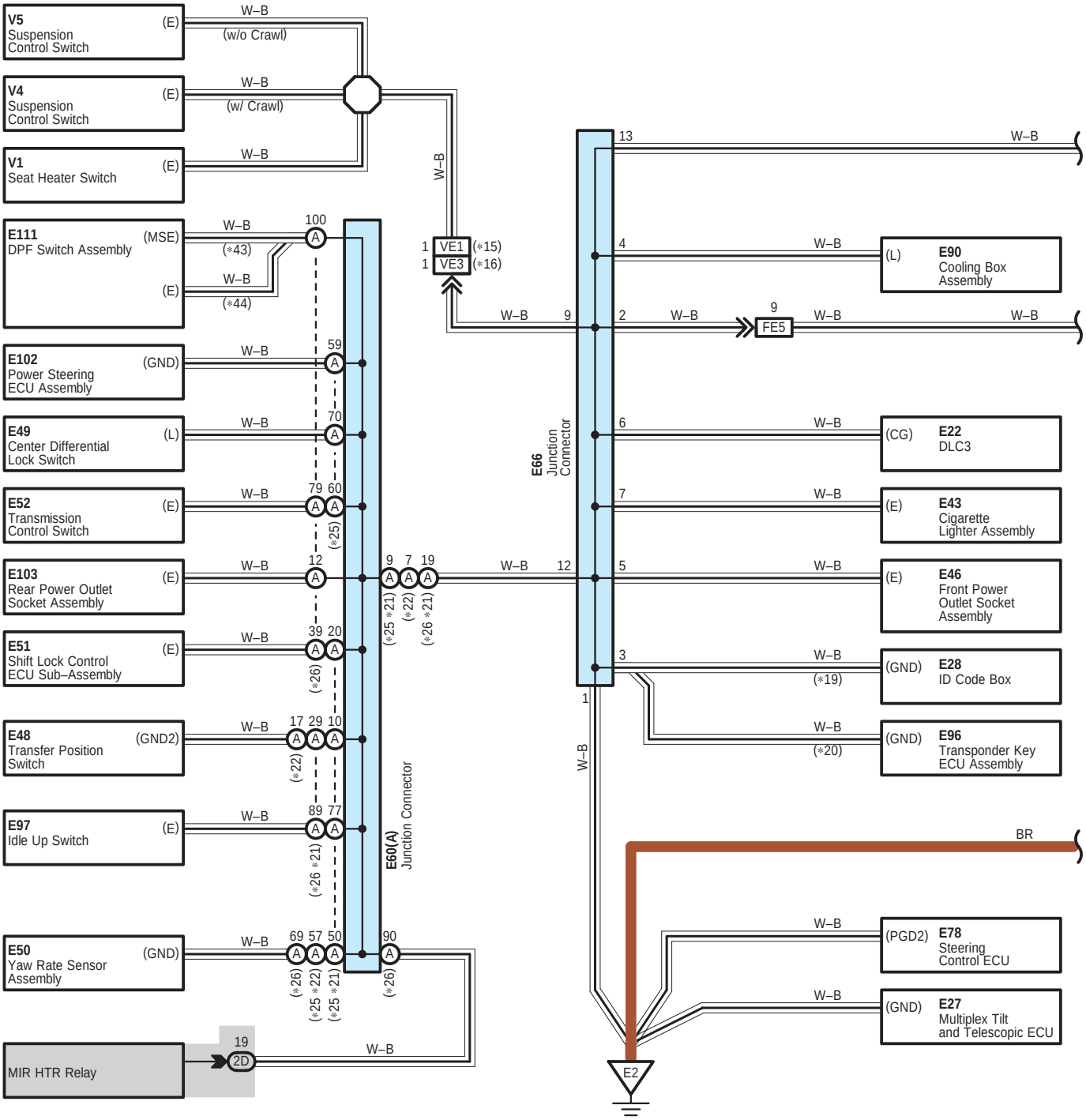


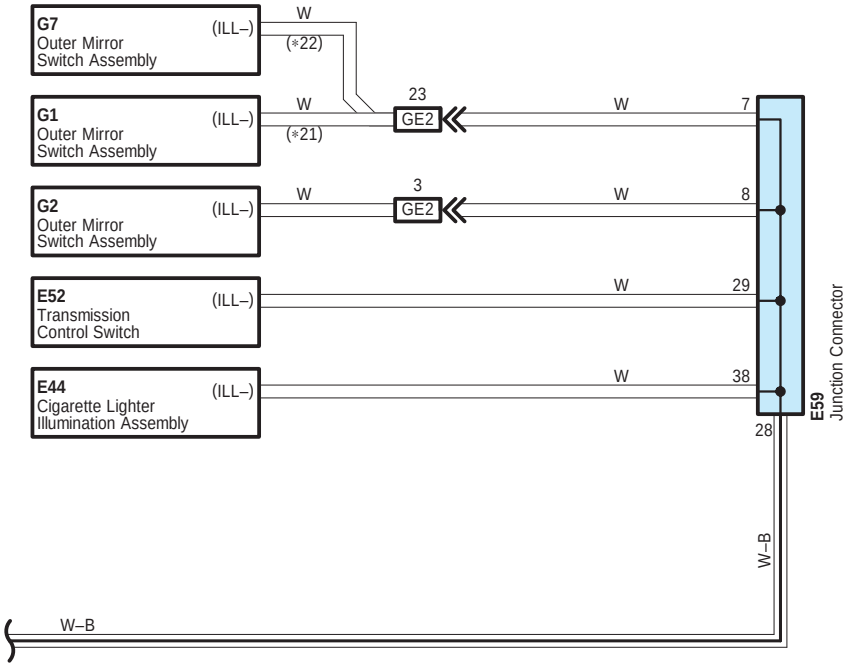
∗13 : w/ Overhead Module
∗14 : w/o Overhead Module
∗29 : w/ Multi–Terrain Monitor
∗30 : w/o Multi–Terrain Monitor
∗40 : Before Jan. 2012 Production w/ Viscous Heater
∗41 : From Jan. 2012 Production w/ Viscous Heater 1VD–FTV w/o DPF
∗42 : From Jan. 2012 Production w/ Viscous Heater 1VD–FTV w/ DPF


W–B
W–B
W–B
(GND)
D10
Air Switching Valve
W–B
(E)
D11
Engine Oil Level Sensor
B
(E)
D8
Air Pump Assembly
B
D1
(2UZ–FE)
W
48
68
W
16
GE1
W
(ILL–)
G12
Center Differential Lock Switch
2
VE1
W
38
88
W
17
GE1
W
(ILL–)
G4
Headlight Cleaner Switch Assembly
58
E58
Junction Connector
W
29
A
19
W
13
GE1
W
(ILL–)
G5
Back Sonar or Clearance Sonar Switch Assembly
49
W
(ILL–)
E48
Transfer Position Switch
59
W
(ILL–)
E25
VSC Off Switch
69
W
19
GE2
W
(ILL–)
G3
Curtain Airbag Cutoff Switch
W
89
99
W
(ILL–)
E49
Center Differential Lock Switch
E60(A)
Junction Connector
W
W
V5
Suspension Control Switch
(ILL–)
W
V4
Suspension Control Switch
(ILL–)
W
V1
Seat Heater Switch
(ILL–)
16
FE1
W
W
F10
A/C Control Assembly
(ILL–)
W
W
(ILL–)
F1
Radio Receiver Assembly
F16
Temperature Control Switch Assembly LH
(ILL–)
W
W
W
(HILL)
F28
Multi–Display
F17
Temperature Control Switch Assembly RH
(ILL–)
W
W
(ILL–)
F11
Hazard Warning Signal Switch Assembly



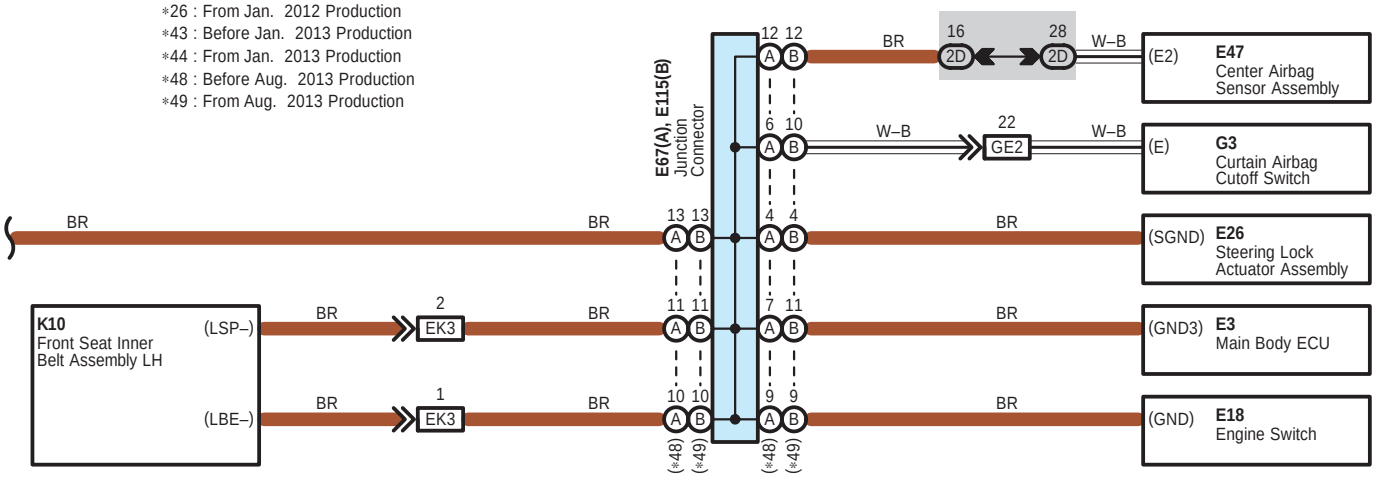
*23 : Liftgate Type, Swing Type Driver' s Door Only Jam Protection
*24 : Swing Type All Door Jam Protection

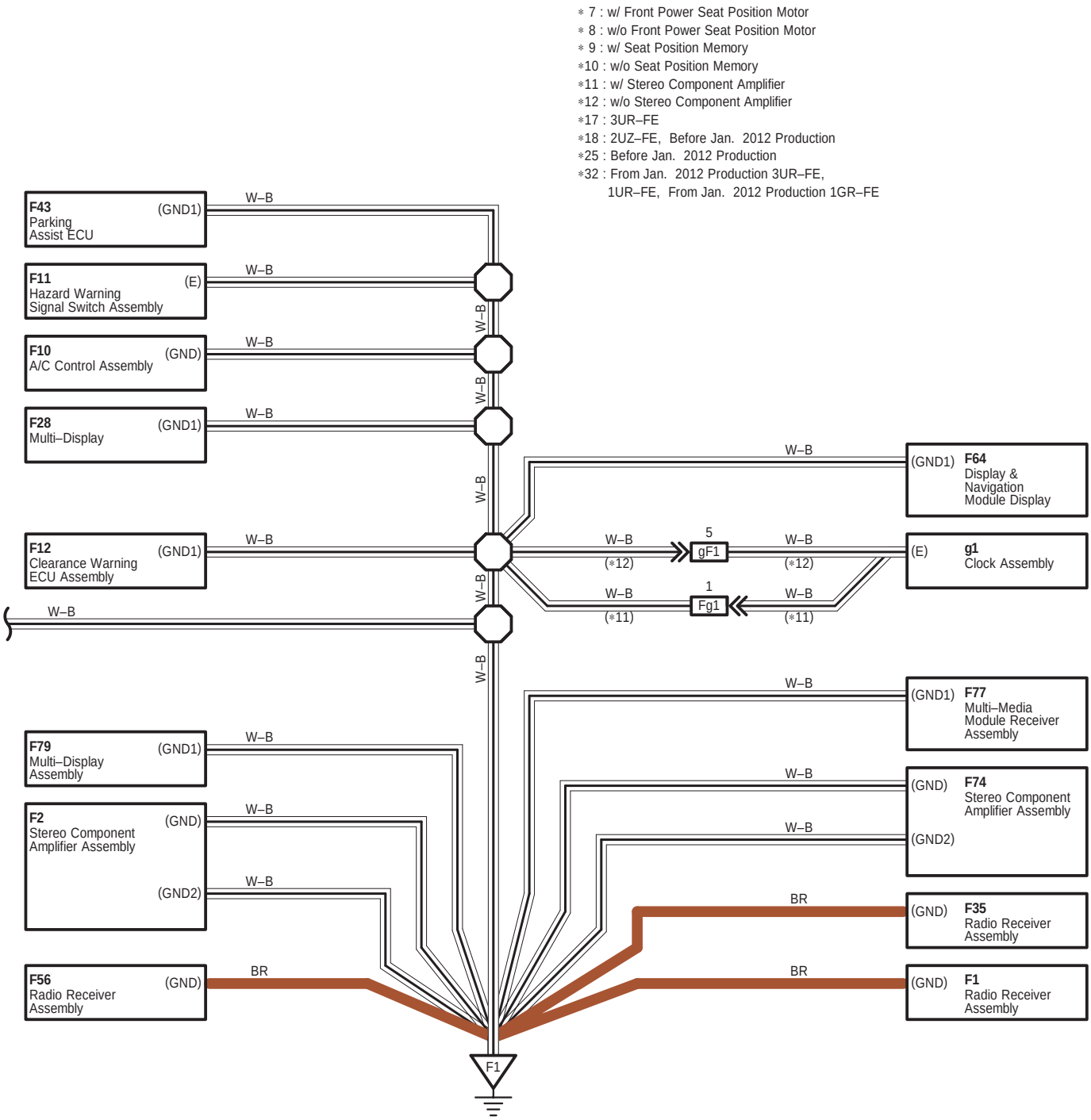

V5
Suspension
Control Switch
(E)
W–B
(w/o Crawl)
V4
Suspension
Control Switch
(E)
W–B
(w/ Crawl)
V1
Seat Heater Switch
(E)
W–B
E111
DPF Switch Assembly
(MSE)
W–B
(∗43)
(E)
W–B
(∗44)
100
E102
Power Steering
ECU Assembly
(GND)
W–B
59
E49
Center Differential
Lock Switch
(L)
W–B
70
E52
Transmission
Control Switch
(E)
W–B
79
60
(∗25)
E103
Rear Power Outlet
Socket Assembly
(E)
W–B
12
E51
Shift Lock Control
ECU Sub–Assembly
(E)
W–B
39
20
(∗26)
E48
Transfer Position
Switch
(GND2)
W–B
17
29
10
(∗22)
E97
Idle Up Switch
(E)
W–B
89
77
(∗26 ∗21)
E50
Yaw Rate Sensor
Assembly
(GND)
W–B
69
57
50
90
(∗26)
(∗25 ∗22)
(∗25 ∗21)
(∗26)
MIR HTR Relay
19
2D
W–B
E60(A)
Junction Connector
9
7
19
(∗25 ∗21)
(∗22)
(∗26 ∗21)
W–B
12
W–B
1
VE1
(∗15)
1
VE3
(∗16)
W–B
9
E66
Junction
Connector
13
W–B
4
W–B
(L)
E90
Cooling Box
Assembly
2
W–B
9
FE5
W–B
W–B
6
W–B
(CG)
E22
DLC3
7
W–B
(E)
E43
Cigarette
Lighter Assembly
5
W–B
(E)
E46
Front Power
Outlet Socket
Assembly
3
W–B
(∗19)
(GND)
E28
ID Code Box
1
W–B
W–B
(∗20)
(GND)
E96
Transponder Key
ECU Assembly
BR
W–B
(PGD2)
E78
Steering
Control ECU
W–B
(GND)
E27
Multiplex Tilt
and Telescopic ECU
E2

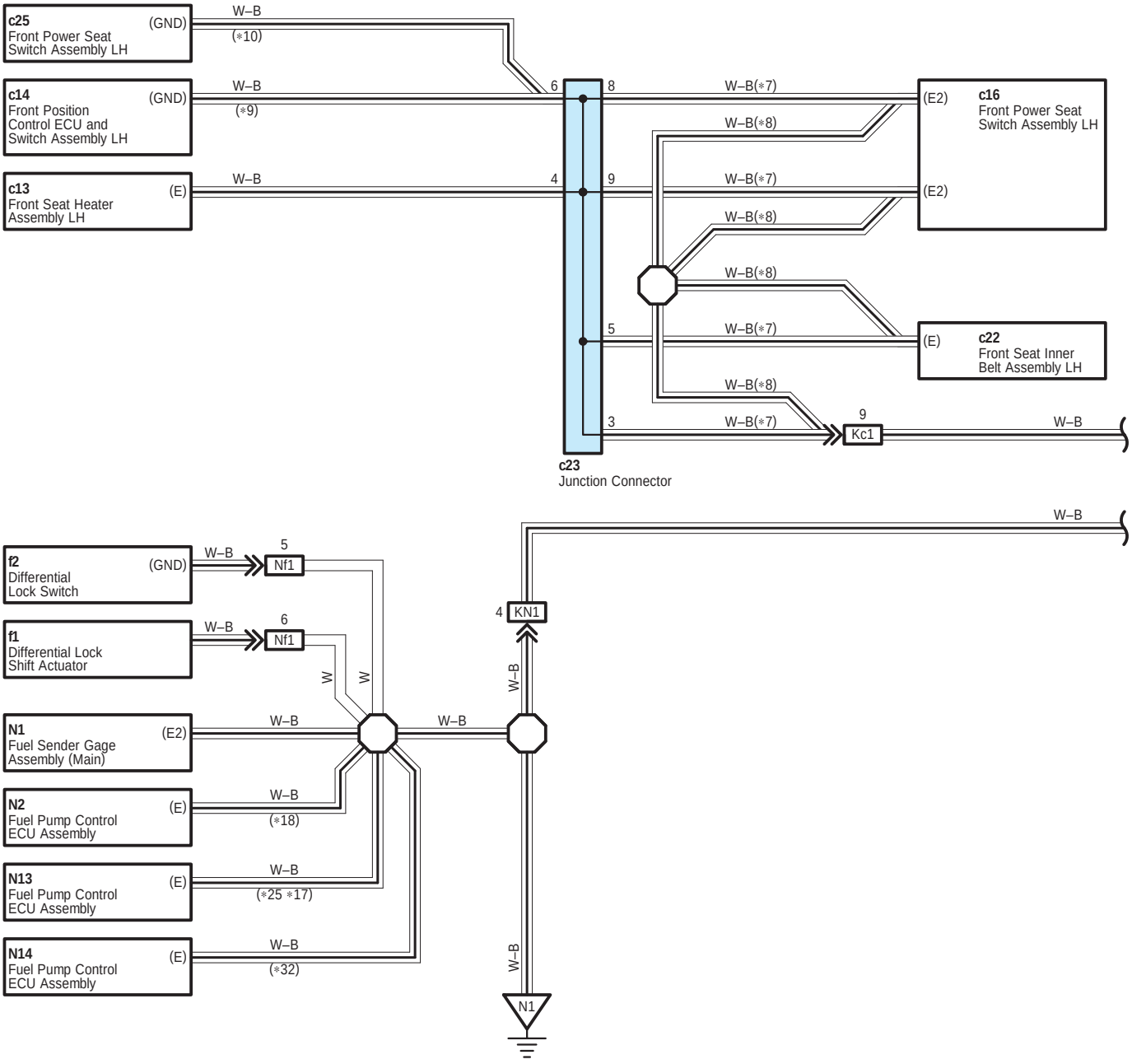


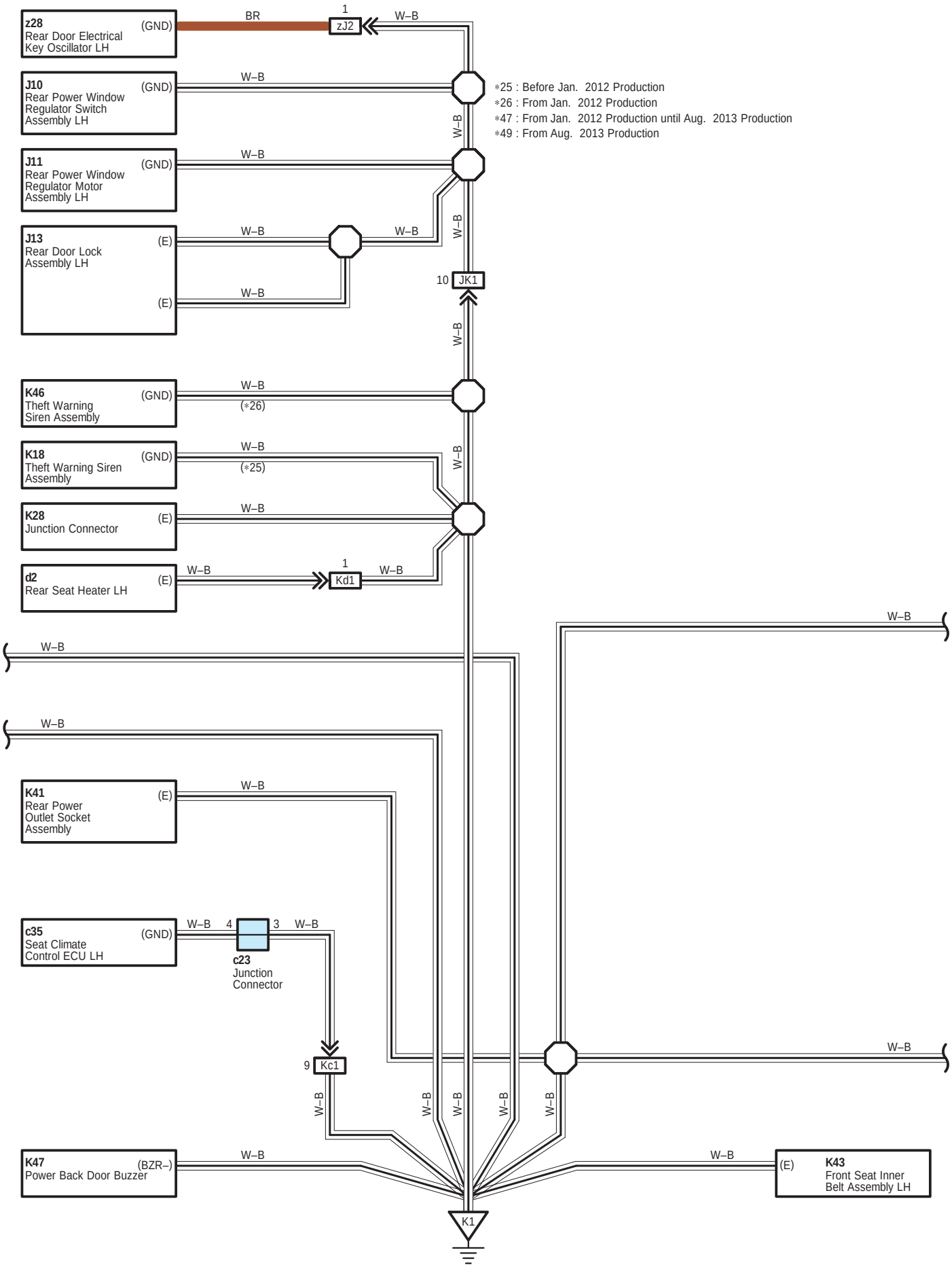


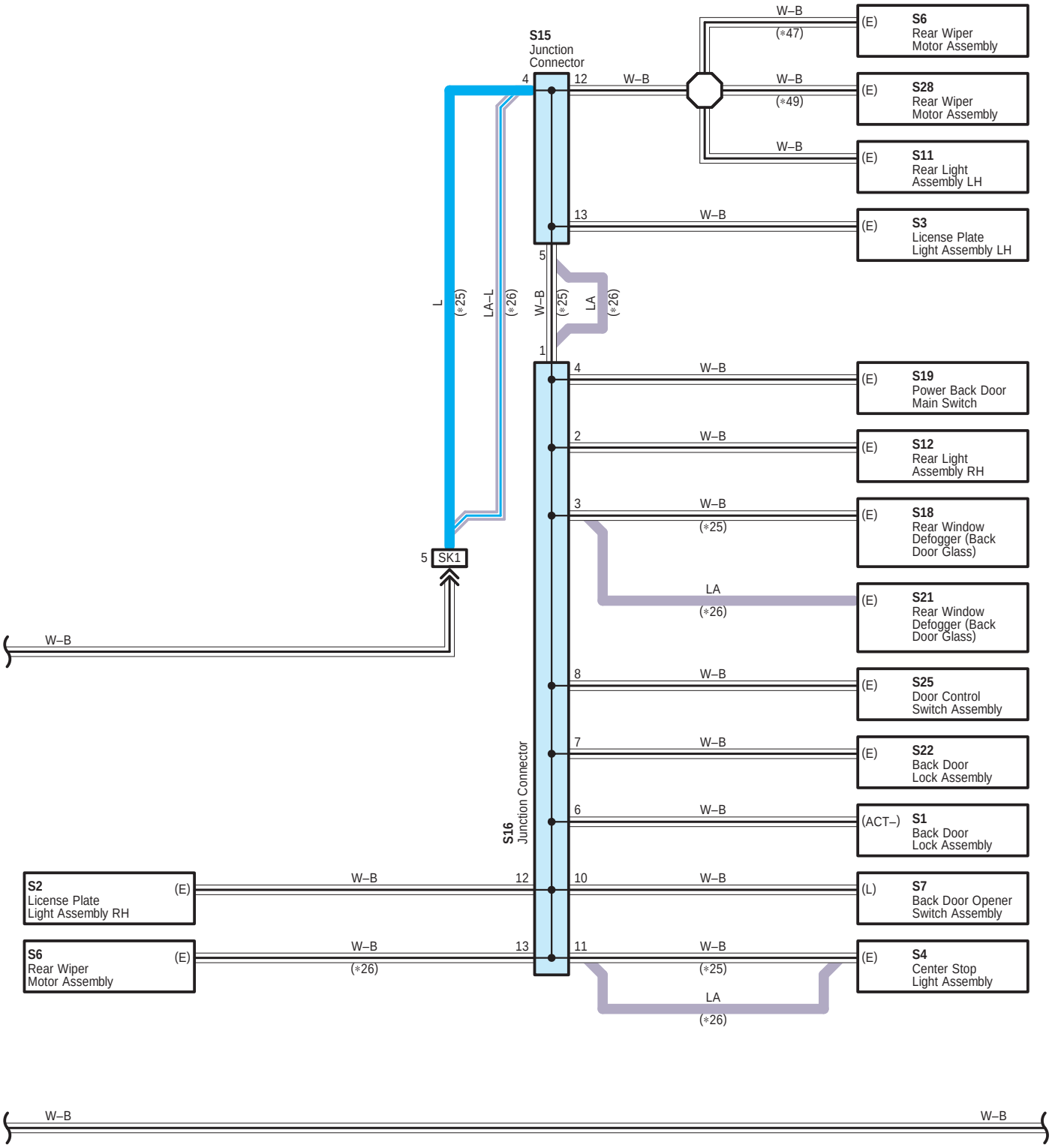
*15 : Before Jul. 2009 Production
*16 : From Jul. 2009 Production
*19 : w/ Entry & Start System
*20 : w/o Entry & Start System
*21 : Liftgate Type
*22 : Swing Type
*25 : Before Jan. 2012 Production
*26 : From Jan. 2012 Production
*43 : Before Jan. 2013 Production
*44 : From Jan. 2013 Production
*48 : Before Aug. 2013 Production
*49 : From Aug. 2013 Production



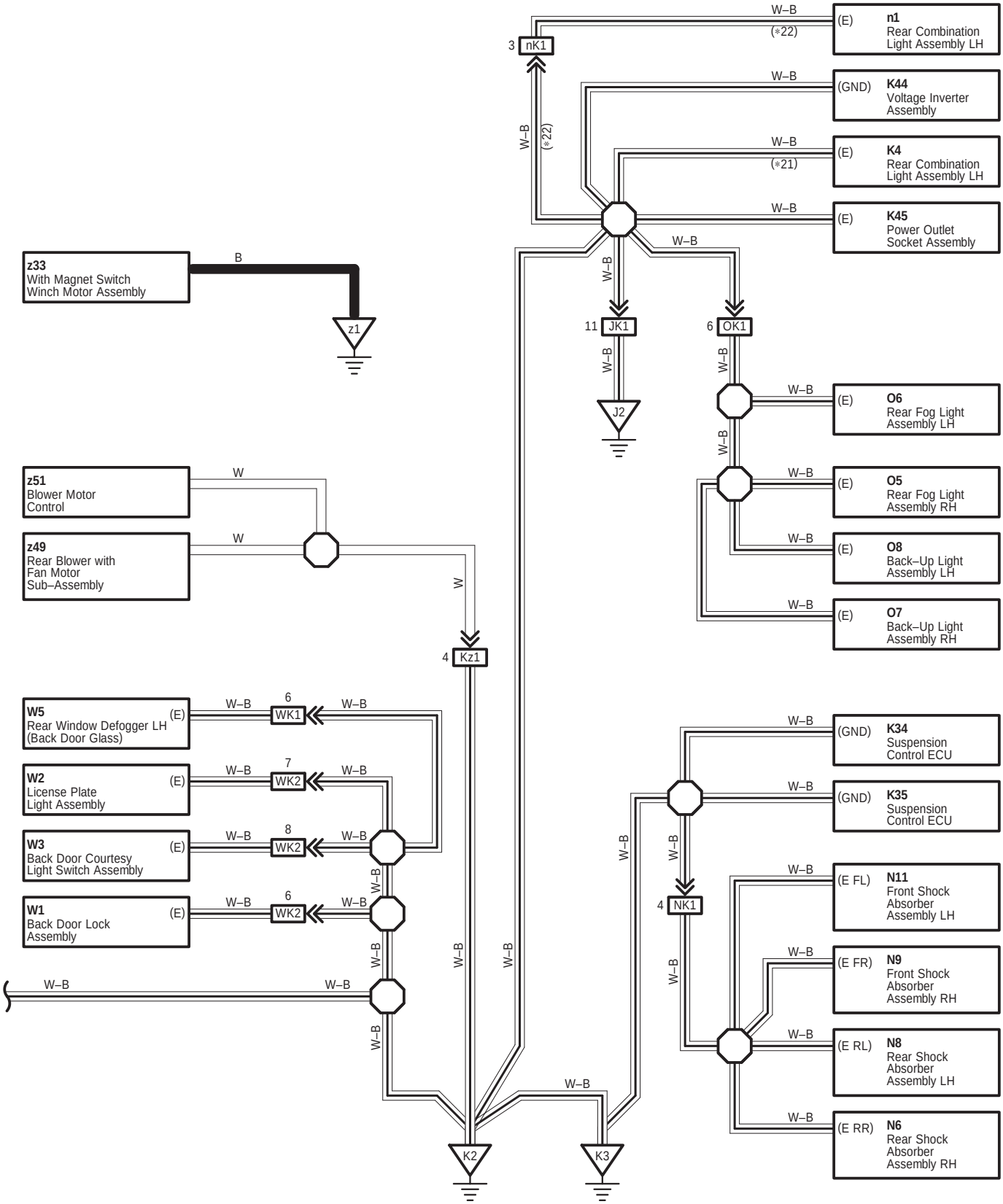

∗ 7 : w/ Front Power Seat Position Motor
∗ 8 : w/o Front Power Seat Position Motor
∗ 9 : w/ Seat Position Memory
∗10 : w/o Seat Position Memory
∗11 : w/ Stereo Component Amplifier
∗12 : w/o Stereo Component Amplifier
∗17 : 3UR–FE
∗18 : 2UZ–FE, Before Jan. 2012 Production
∗25 : Before Jan. 2012 Production
∗32 : From Jan. 2012 Production 3UR–FE, 1UR–FE, From Jan. 2012 Production 1GR–FE
F43 (GND1) Parking Assist ECU
F11 (E) Hazard Warning Signal Switch Assembly
F10 (GND) A/C Control Assembly
F28 (GND1) Multi–Display
F12 (GND1) Clearance Warning ECU Assembly
F79 (GND1) Multi–Display Assembly
F2 (GND) Stereo Component Amplifier Assembly
(GND2)
F56 (GND) Radio Receiver Assembly
W–B
BR
F1
gF1
Fg1
5
1
(∗12)
(∗11)
(GND1) F64 Display & Navigation Module Display
(E) g1 Clock Assembly
(GND1) F77 Multi–Media Module Receiver Assembly
(GND) F74 Stereo Component Amplifier Assembly
(GND2)
(GND) F35 Radio Receiver Assembly
(GND) F1 Radio Receiver Assembly


c25
Front Power Seat
Switch Assembly LH
(GND)
W–B
(∗10)
c14
Front Position
Control ECU and
Switch Assembly LH
(GND)
W–B
(∗9)
c13
Front Seat Heater
Assembly LH
(E)
W–B
6
4
8
9
5
3
W–B(∗7)
W–B(∗8)
(E2)
c16
Front Power Seat
Switch Assembly LH
(E)
c22
Front Seat Inner
Belt Assembly LH
Kc1
c23
Junction Connector
f2
Differential
Lock Switch
(GND)
f1
Differential Lock
Shift Actuator
N1
Fuel Sender Gage
Assembly (Main)
(E2)
N2
Fuel Pump Control
ECU Assembly
(E)
(∗18)
N13
Fuel Pump Control
ECU Assembly
(E)
(∗25 ∗17)
N14
Fuel Pump Control
ECU Assembly
(E)
(∗32)
Nf1
KN1
W
W–B
N1

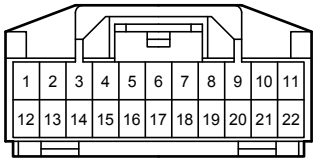

z28 (GND)
Rear Door Electrical Key Oscillator LH
BR
1
zJ2
W–B
J10 (GND)
Rear Power Window Regulator Switch Assembly LH
J11 (GND)
Rear Power Window Regulator Motor Assembly LH
J13 (E)
Rear Door Lock Assembly LH
(E)
10 JK1
K46 (GND)
Theft Warning Siren Assembly
(∗26)
K18 (GND)
Theft Warning Siren Assembly
(∗25)
K28 (E)
Junction Connector
d2 (E)
Rear Seat Heater LH
1
Kd1
K41 (E)
Rear Power Outlet Socket Assembly
c35 (GND)
Seat Climate Control ECU LH
4
3
c23
Junction Connector
9 Kc1
K47 (BZR–)
Power Back Door Buzzer
K43 (E)
Front Seat Inner Belt Assembly LH
K1
∗25 : Before Jan. 2012 Production
∗26 : From Jan. 2012 Production
∗47 : From Jan. 2012 Production until Aug. 2013 Production
∗49 : From Aug. 2013 Production


S15
Junction
Connector
4
12
W–B
W–B
(∗47)
(E)
S6
Rear Wiper
Motor Assembly
W–B
(∗49)
(E)
S28
Rear Wiper
Motor Assembly
W–B
(E)
S11
Rear Light
Assembly LH
13
W–B
(E)
S3
License Plate
Light Assembly LH
5
1
L
(∗25)
LA–L
(∗26)
W–B
(∗25)
LA
(∗26)
4
W–B
(E)
S19
Power Back Door
Main Switch
2
W–B
(E)
S12
Rear Light
Assembly RH
3
W–B
(∗25)
(E)
S18
Rear Window
Defogger (Back
Door Glass)
LA
(∗26)
(E)
S21
Rear Window
Defogger (Back
Door Glass)
5
SK1
W–B
8
W–B
(E)
S25
Door Control
Switch Assembly
7
W–B
(E)
S22
Back Door
Lock Assembly
S16
Junction Connector
6
W–B
(ACT–)
S1
Back Door
Lock Assembly
S2
License Plate
Light Assembly RH
(E)
W–B
12
10
W–B
(L)
S7
Back Door Opener
Switch Assembly
S6
Rear Wiper
Motor Assembly
(E)
W–B
(∗26)
13
11
W–B
(∗25)
(E)
S4
Center Stop
Light Assembly
LA
(∗26)
W–B
W–B

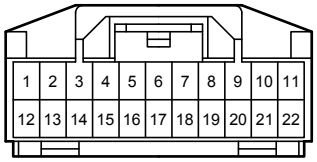
∗21 : Liftgate Type
∗22 : Swing Type



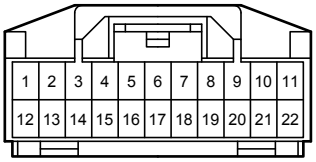
A 34
White



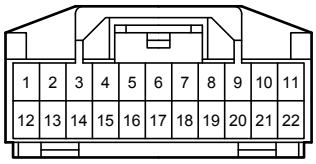
A 37
Blue



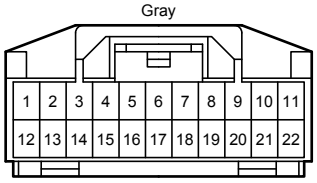
C 42
White



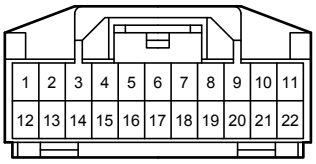
C 44
Blue



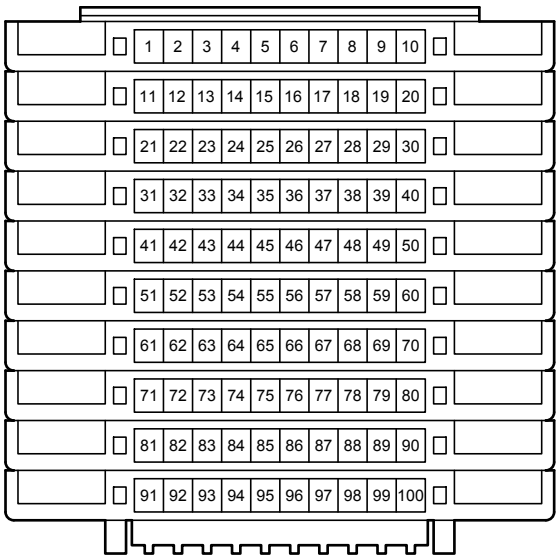
C 94
Gray



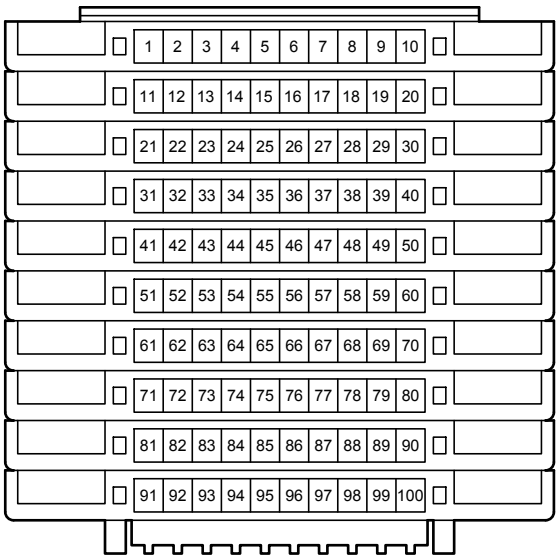
C 95
Black



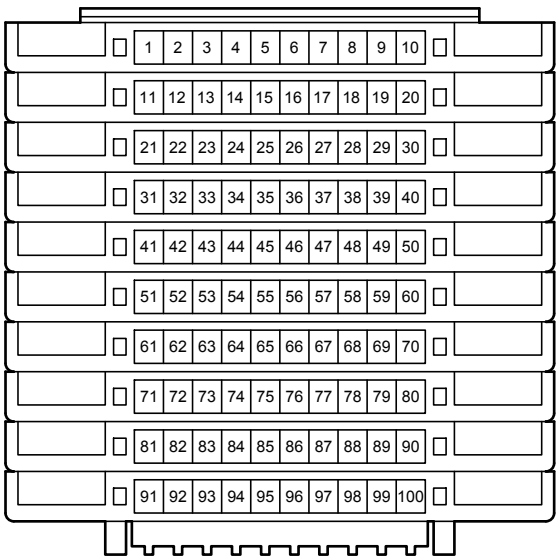
E 58



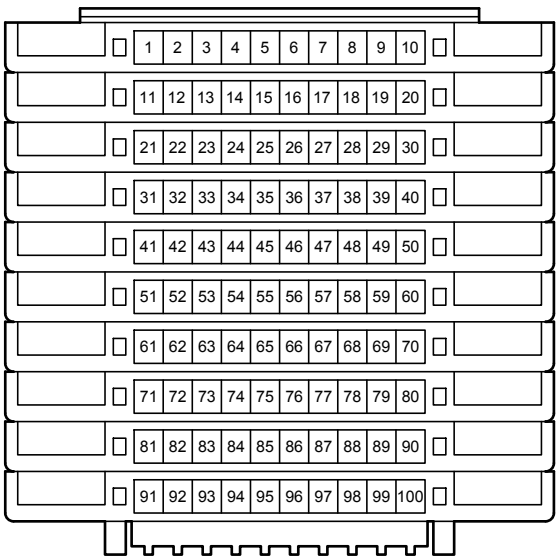
E 59



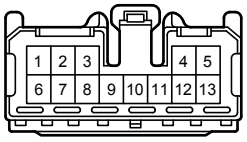
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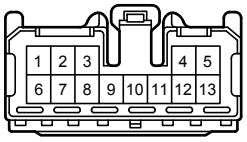
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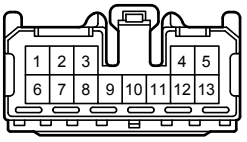
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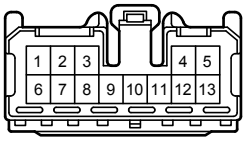
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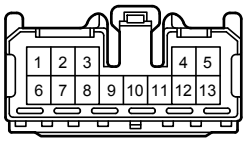
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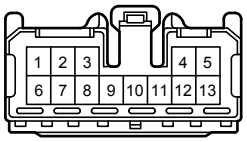
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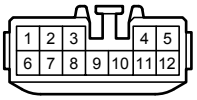
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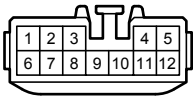
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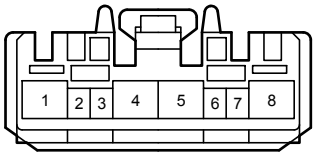
c 12
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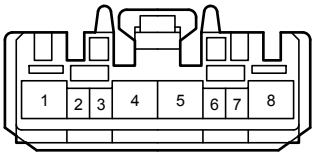
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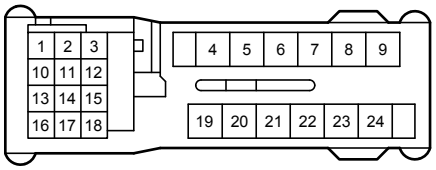
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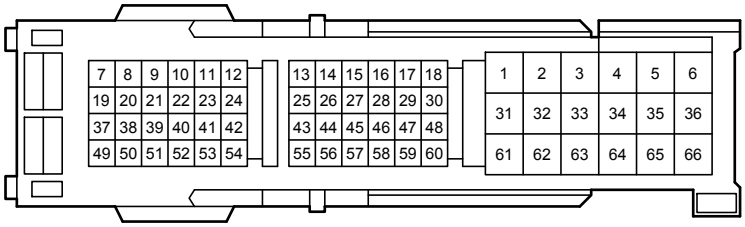
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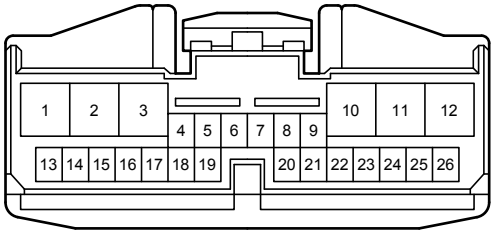
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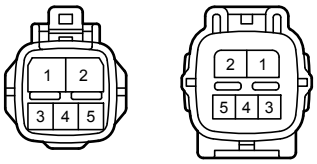
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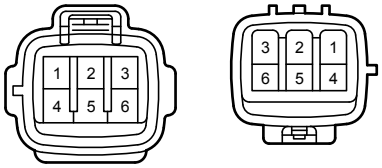
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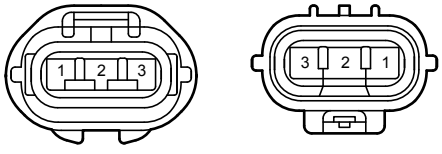
AA1
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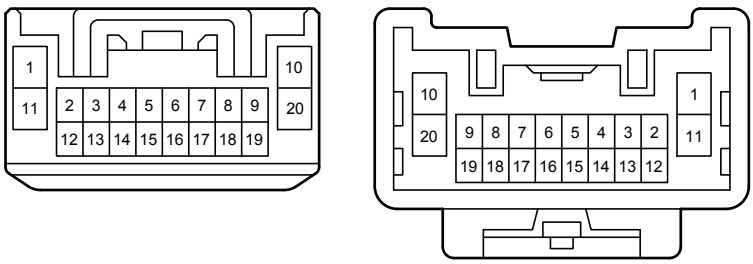
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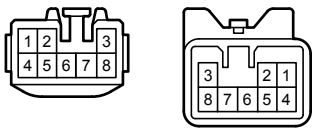
AD2
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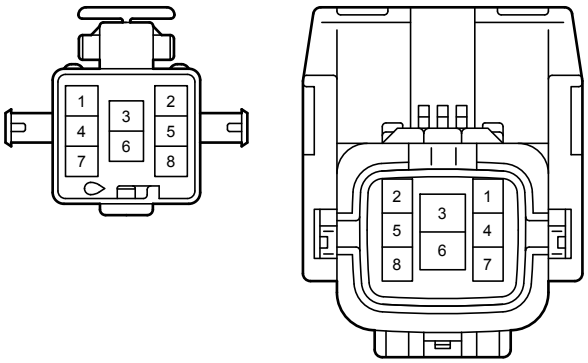
AK1
Blue



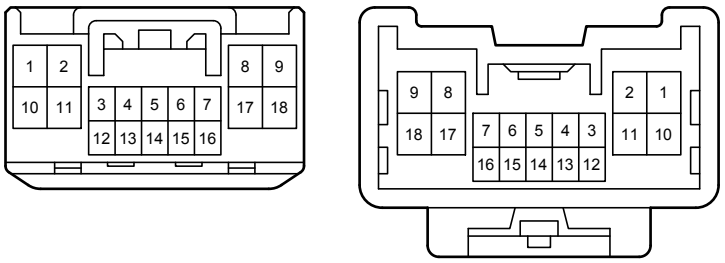
AL1
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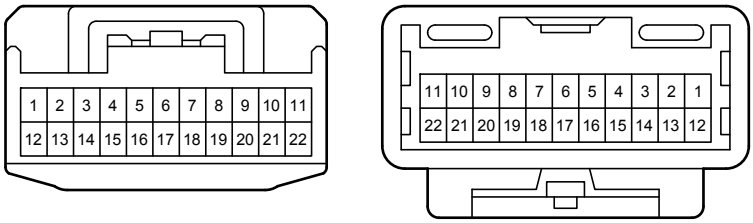
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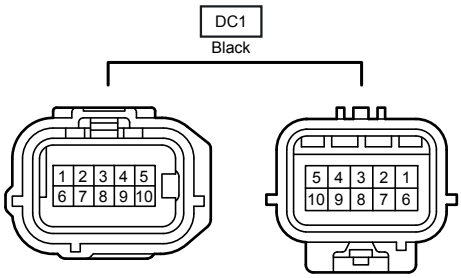


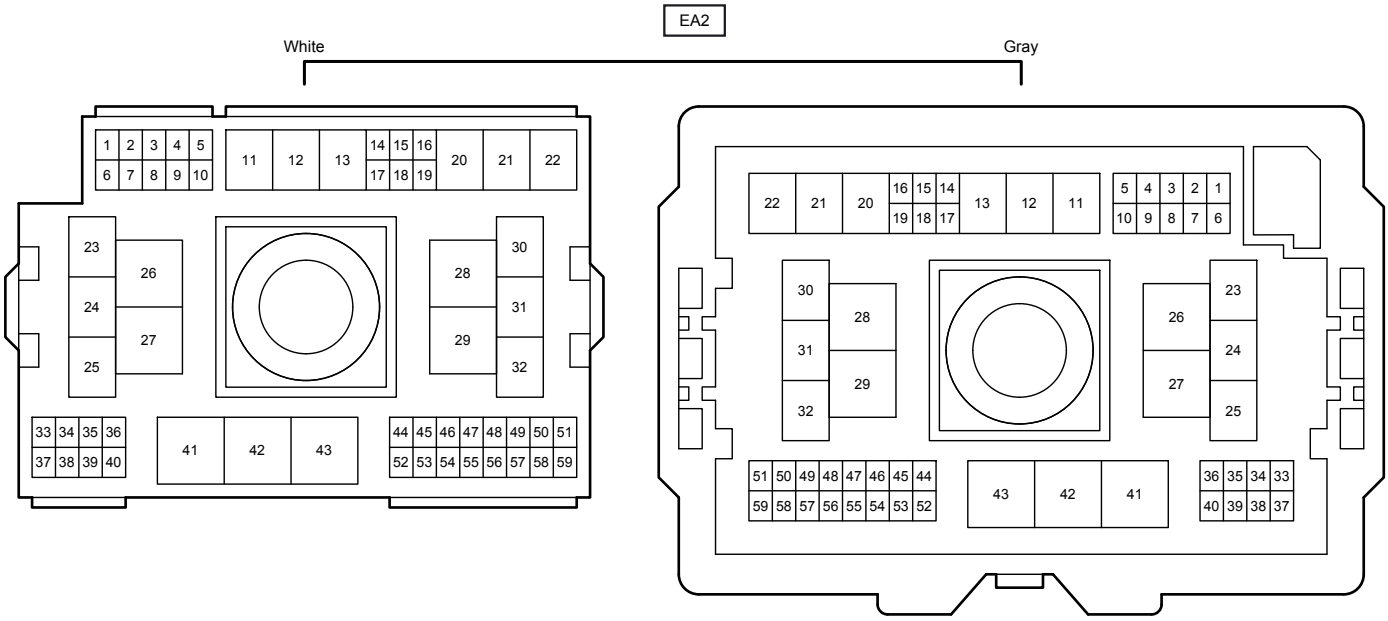
CA1
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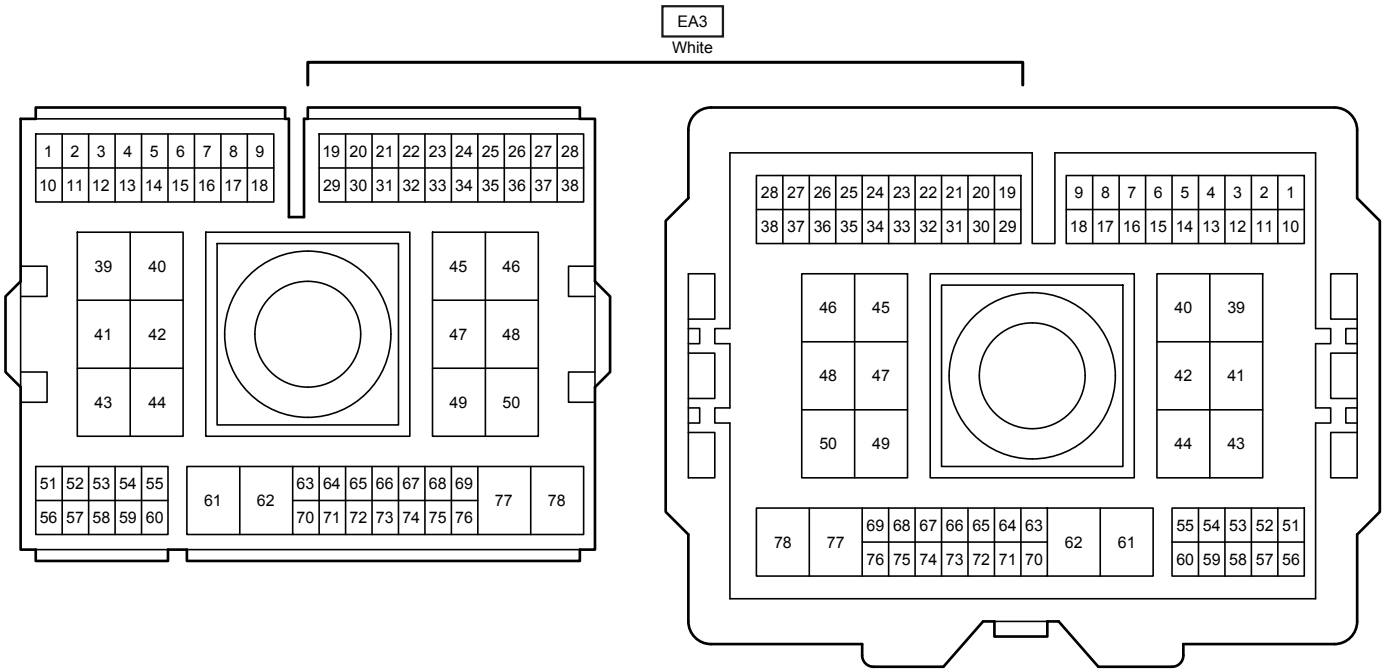


CA4
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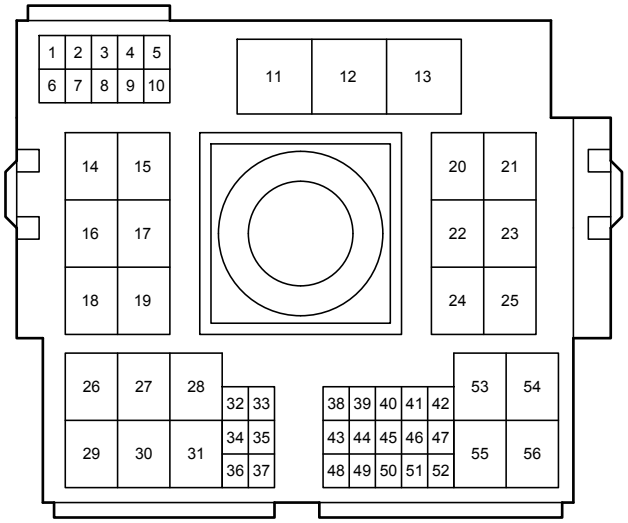

DC1
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5 4 3 2 1
10 9 8 7 6


EA2
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Gray
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17 18 19 20 21 22
23 24 25 26 27
28 29 30 31 32
33 34 35 36
37 38 39 40
41 42 43
44 45 46 47 48 49 50 51
52 53 54 55 56 57 58 59
22 21 20 16 15 14
19 18 17 13 12 11
5 4 3 2 1
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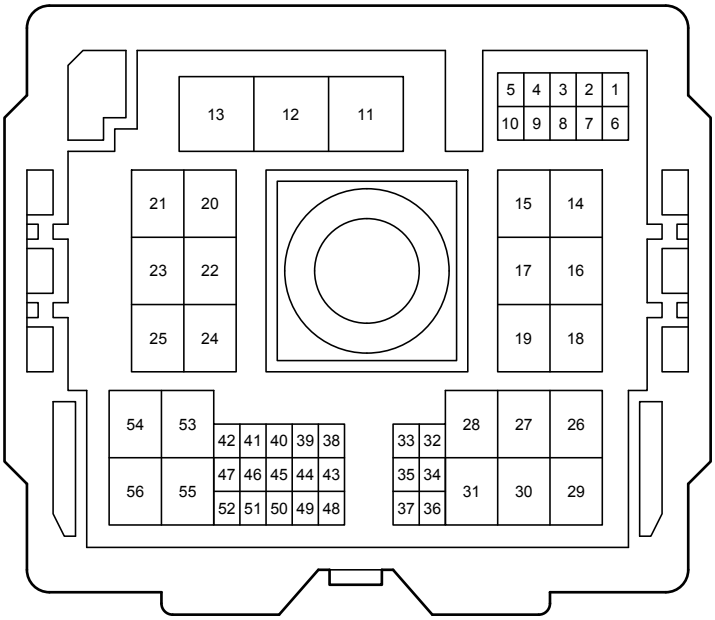

EA3
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19 20 21 22 23 24 25 26 27 28
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51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45 48 47 50 49
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EK1

White

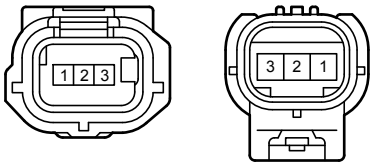


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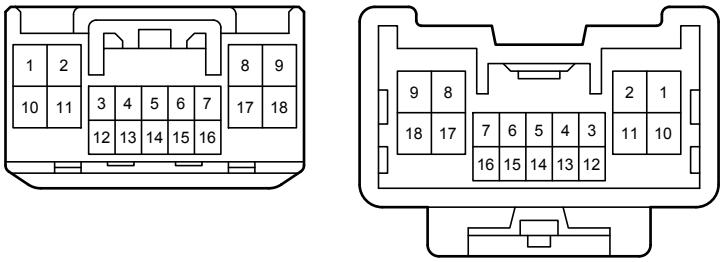
EK3

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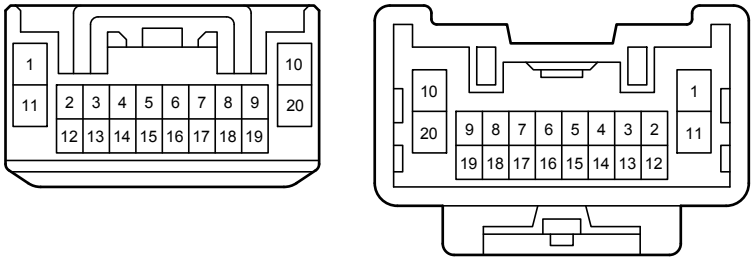
FE1

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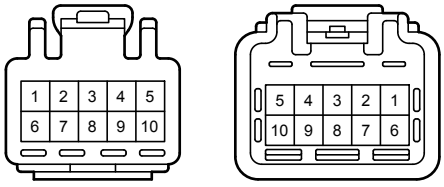
FE4

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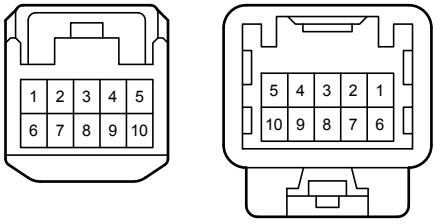
FE5

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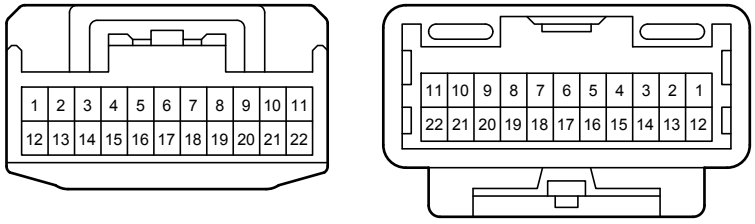
Fg1

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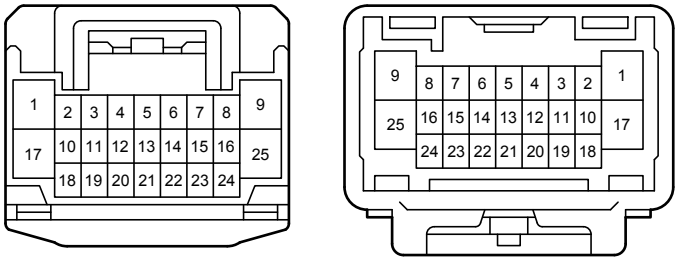


GE1

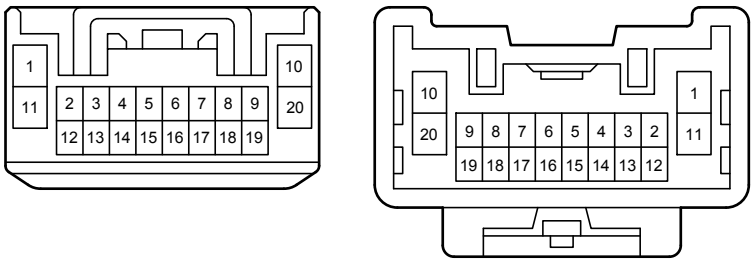
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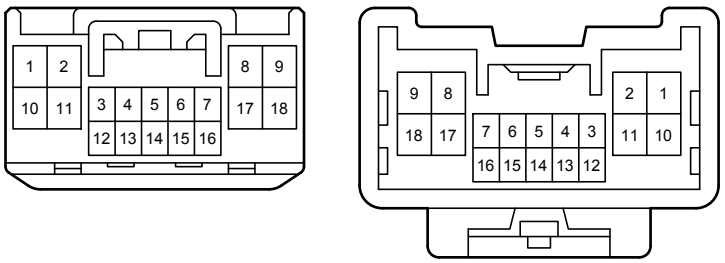
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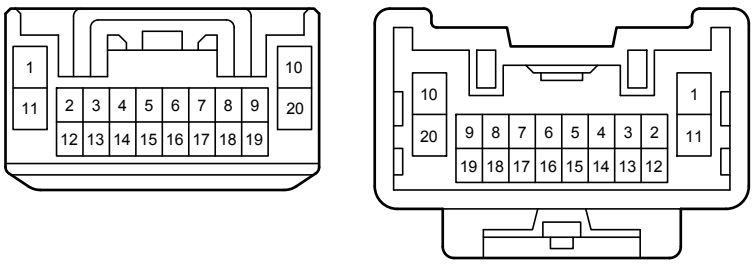
IE2
Blue



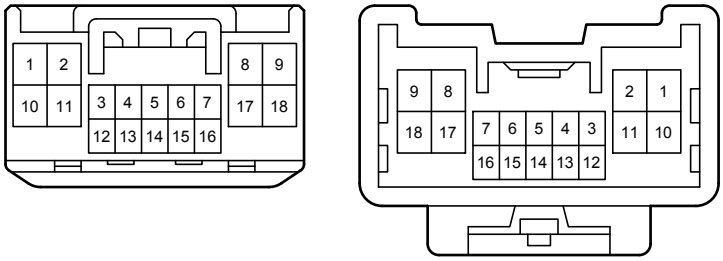
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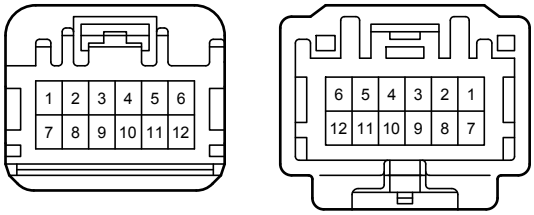
IE5
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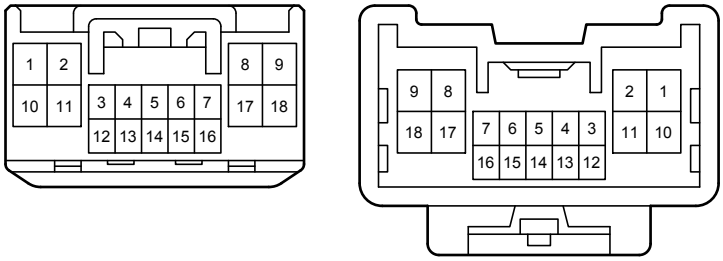
IE6
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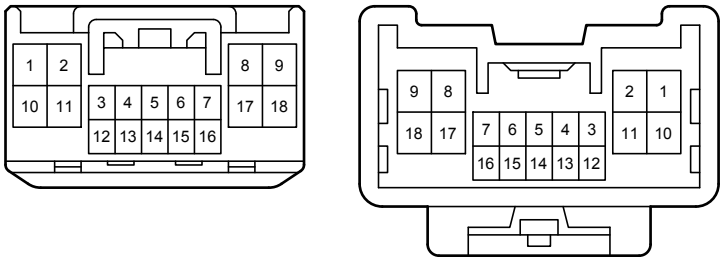
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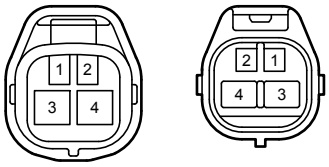
JK1
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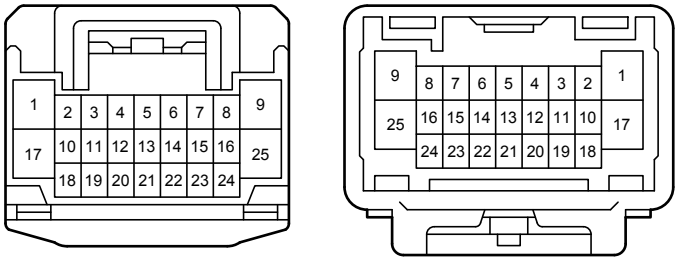
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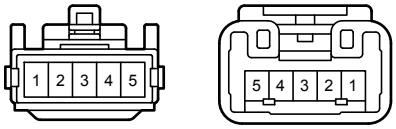
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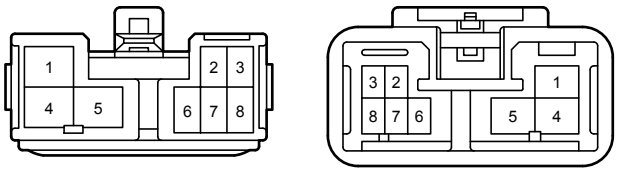
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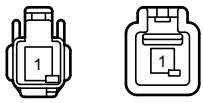
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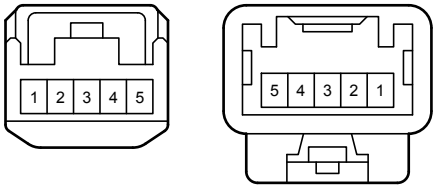
Kz1
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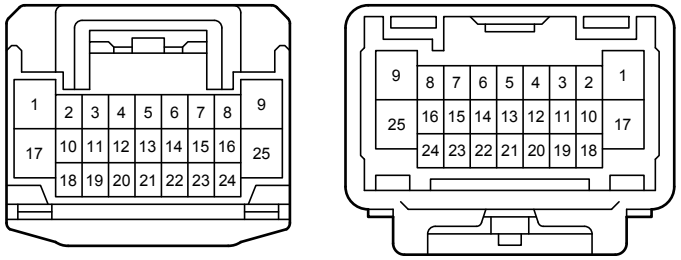
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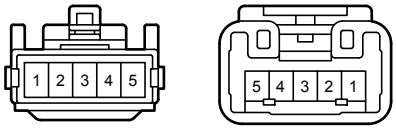
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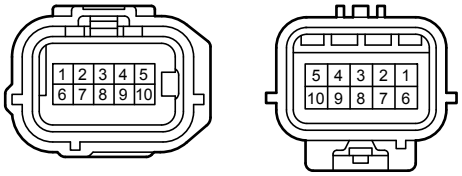
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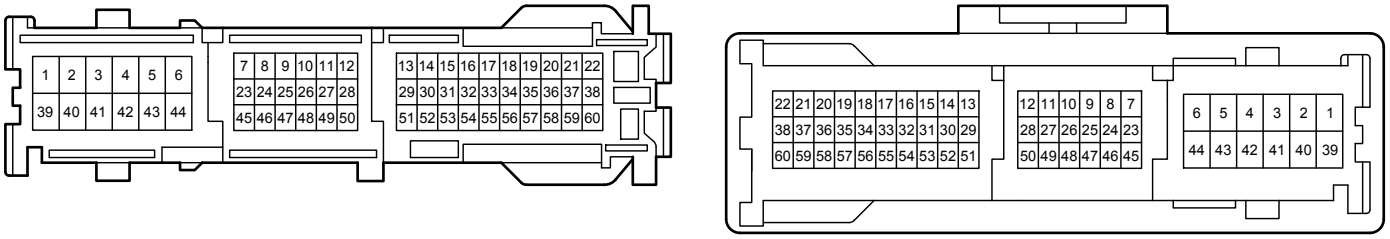
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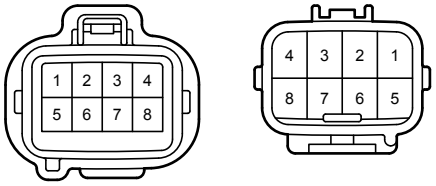
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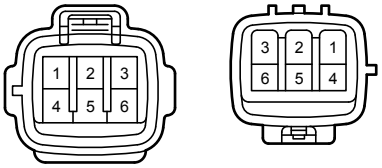
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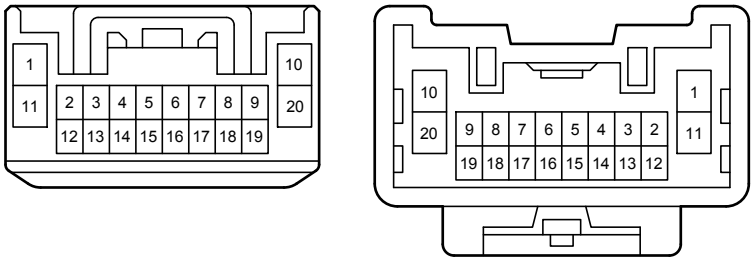
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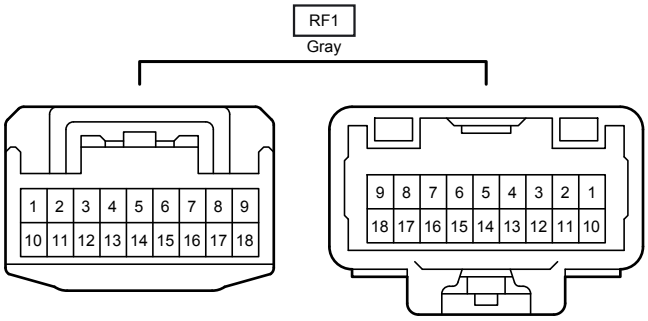
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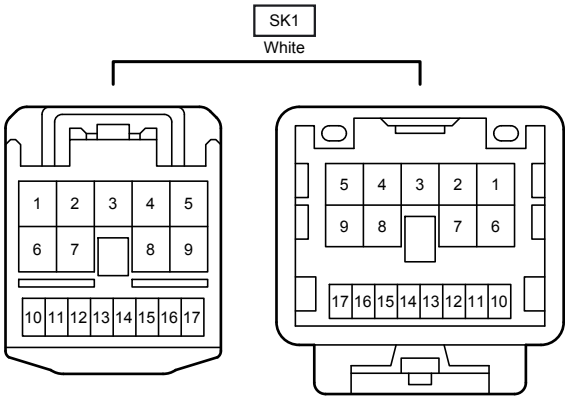
RE2
Blue



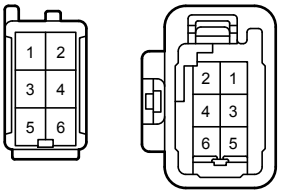
RF1
Gray



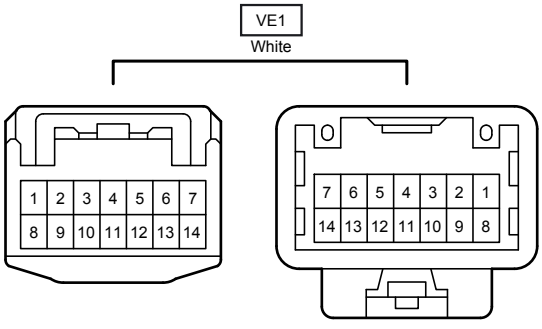
SK1
White



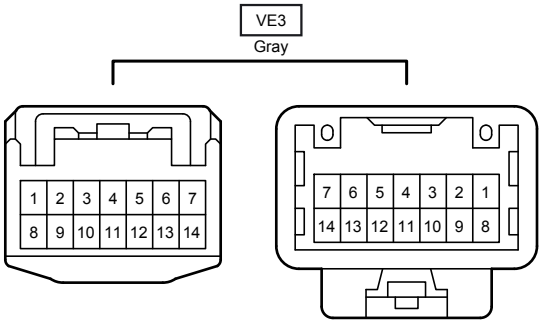
TL1
White

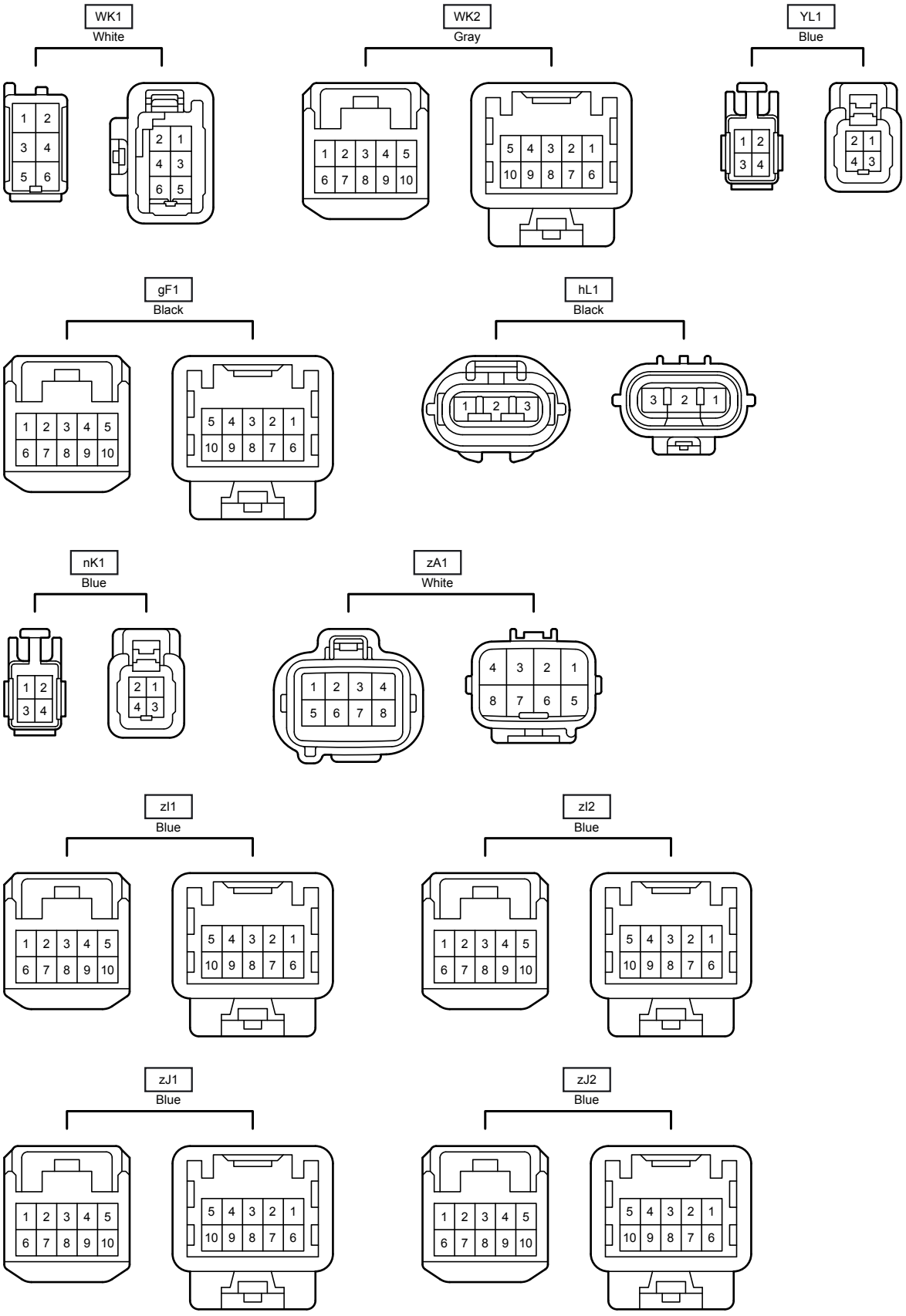


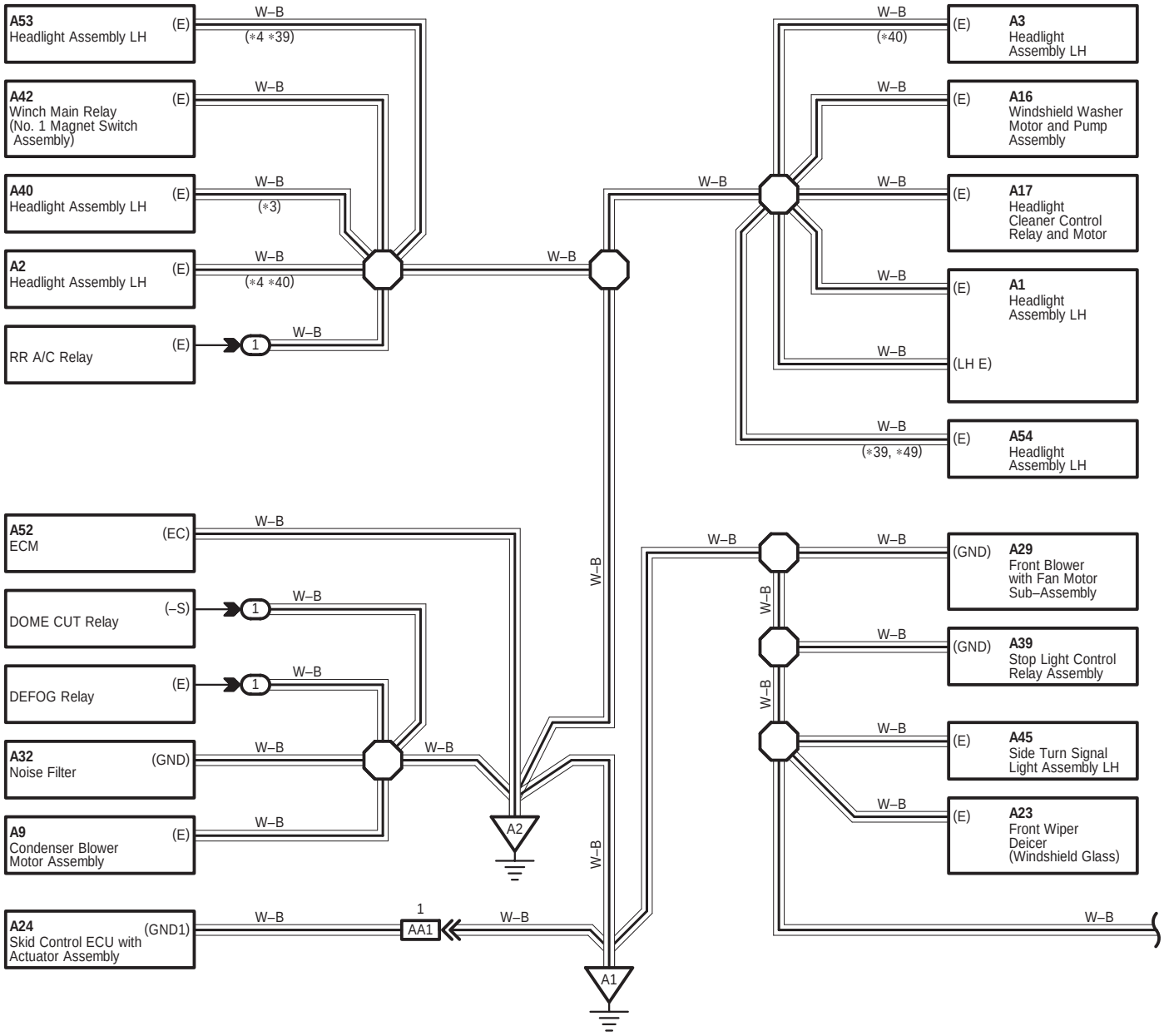
VE1
White

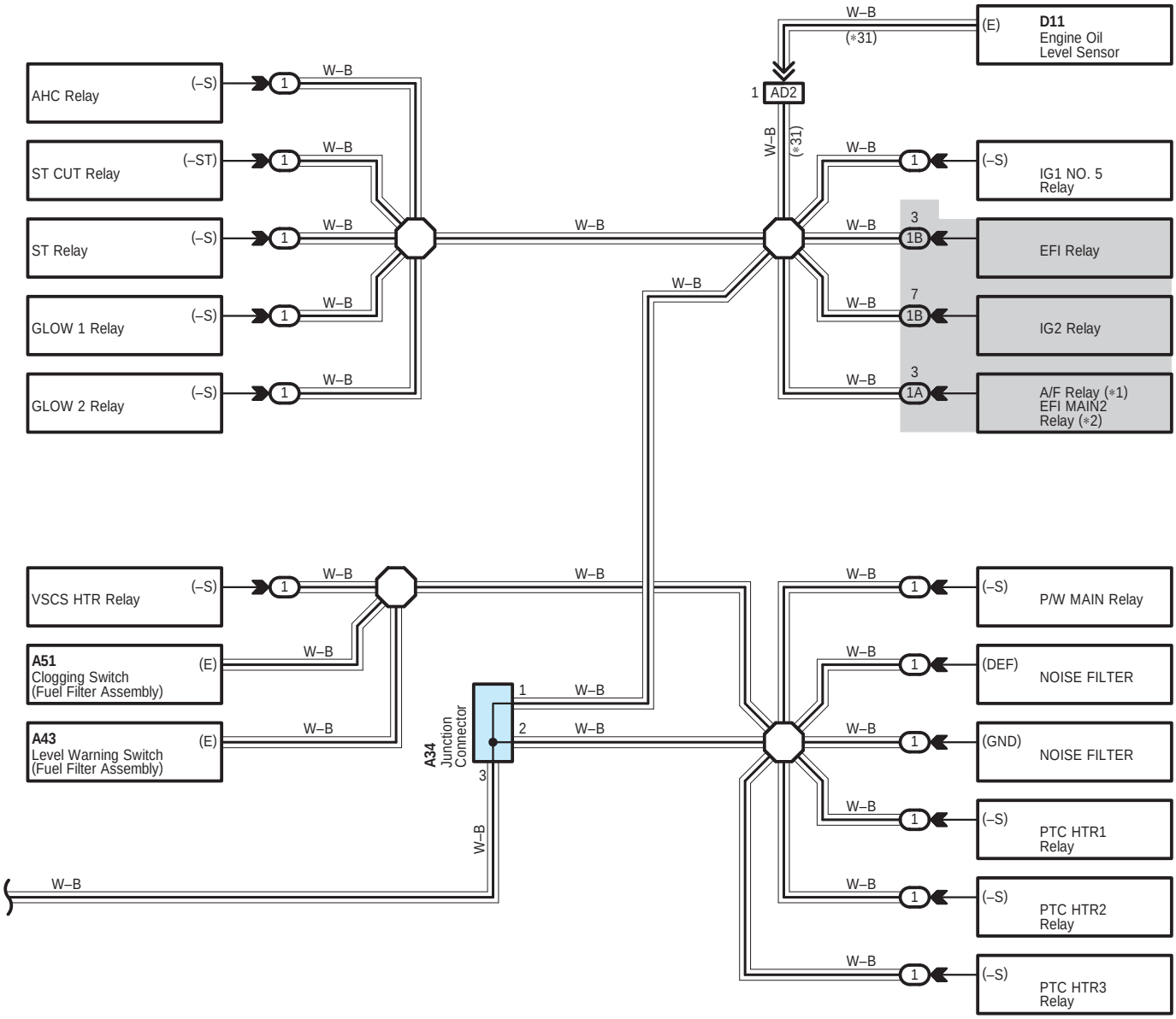


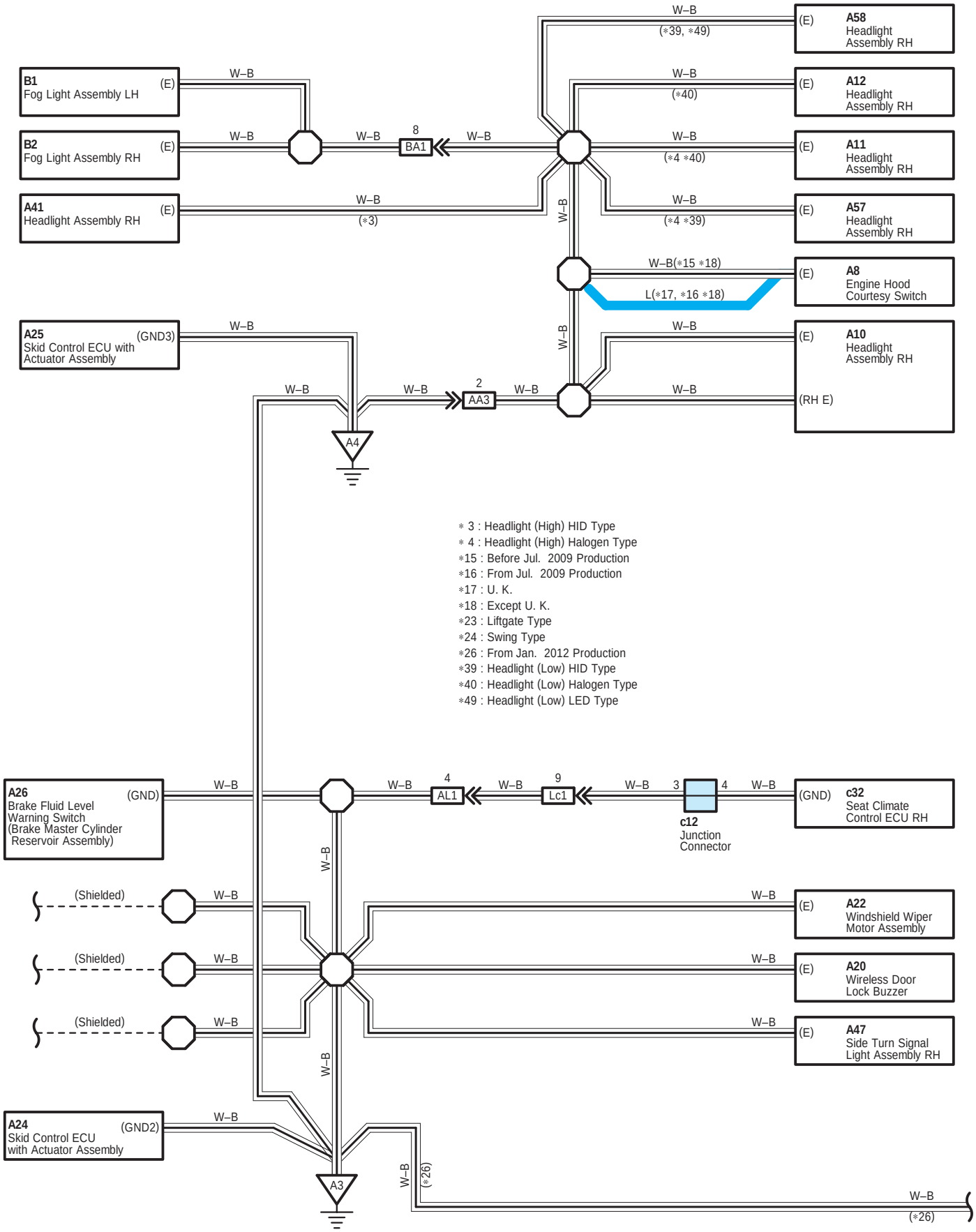
VE3
Gray

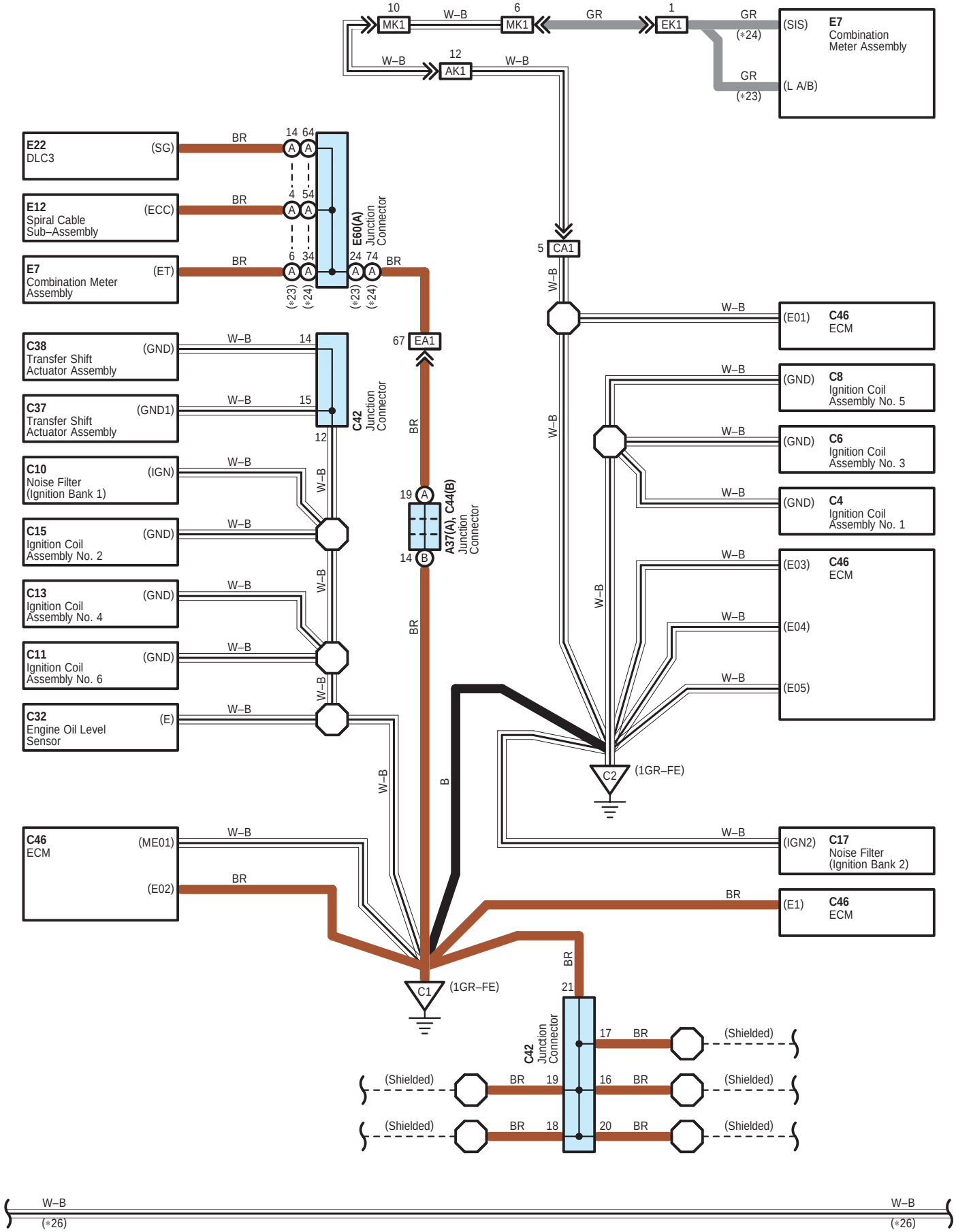


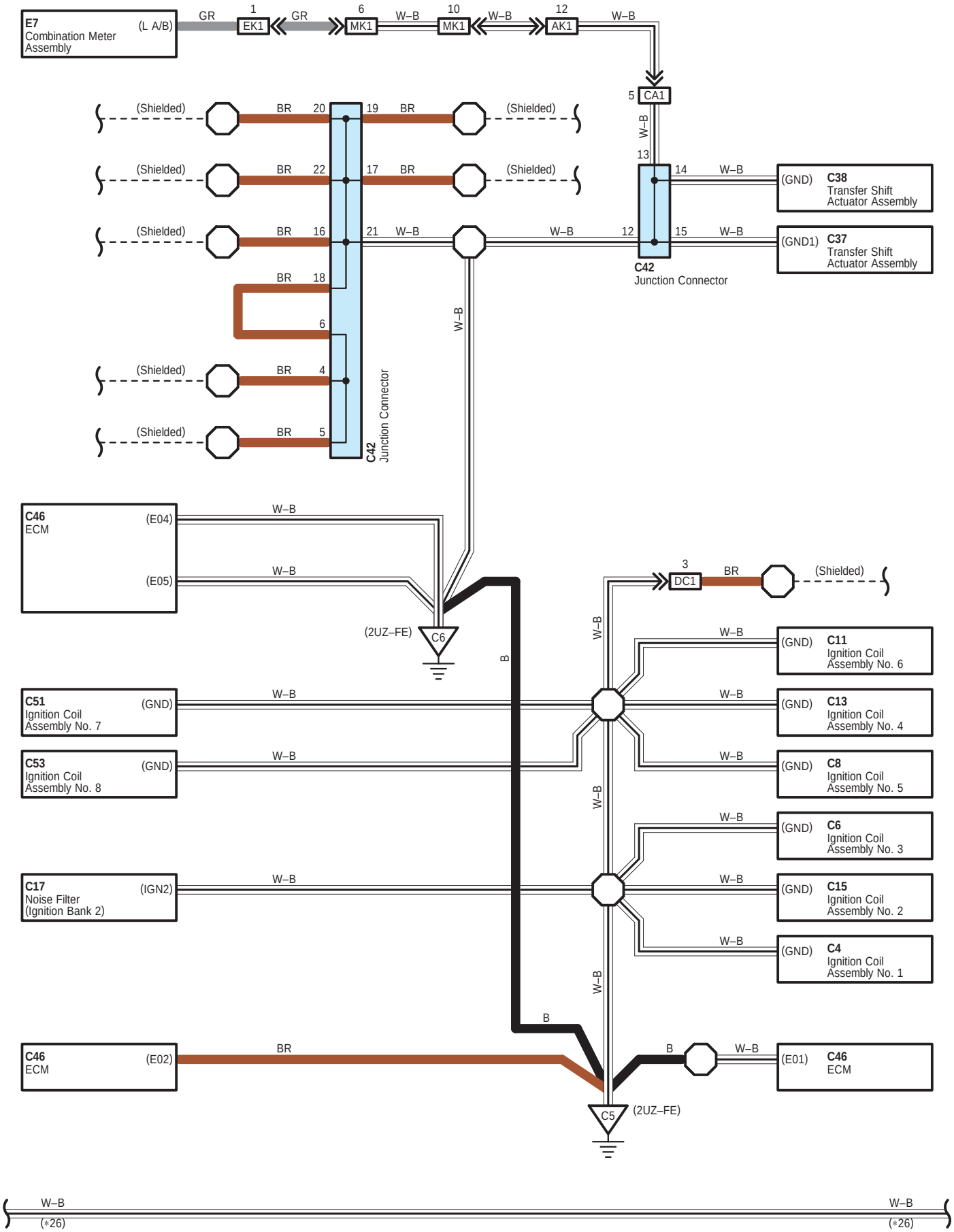

WK1
White
1 2
3 4
5 6
2 1
4 3
6 5
WK2
Gray
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
YL1
Blue
1 2
3 4
2 1
4 3
gF1
Black
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
hL1
Black
1 2 3
3 2 1
nK1
Blue
1 2
3 4
2 1
4 3
zA1
White
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5
zI1
Blue
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
zI2
Blue
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
zJ1
Blue
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
zJ2
Blue
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6


A53
Headlight Assembly LH
(E)
W–B
(∗4 ∗39)
A42
Winch Main Relay
(No. 1 Magnet Switch Assembly)
(E)
W–B
A40
Headlight Assembly LH
(E)
W–B
(∗3)
A2
Headlight Assembly LH
(E)
W–B
(∗4 ∗40)
RR A/C Relay
(E)
1
W–B
W–B
W–B
W–B
(E)
A3
Headlight Assembly LH
(∗40)
W–B
(E)
A16
Windshield Washer Motor and Pump Assembly
W–B
W–B
(E)
A17
Headlight Cleaner Control Relay and Motor
W–B
(E)
A1
Headlight Assembly LH
W–B
(LH E)
W–B
(E)
A54
Headlight Assembly LH
(∗39, ∗49)
A52
ECM
(EC)
W–B
DOME CUT Relay
(–S)
1
W–B
DEFOG Relay
(E)
1
W–B
A32
Noise Filter
(GND)
W–B
W–B
A9
Condenser Blower Motor Assembly
(E)
W–B
A24
Skid Control ECU with Actuator Assembly
(GND1)
W–B
1
AA1
W–B
A2
A1
W–B
W–B
W–B
W–B
W–B
W–B
W–B
W–B
(GND)
A29
Front Blower with Fan Motor Sub–Assembly
W–B
(GND)
A39
Stop Light Control Relay Assembly
W–B
(E)
A45
Side Turn Signal Light Assembly LH
W–B
(E)
A23
Front Wiper Deicer (Windshield Glass)
W–B

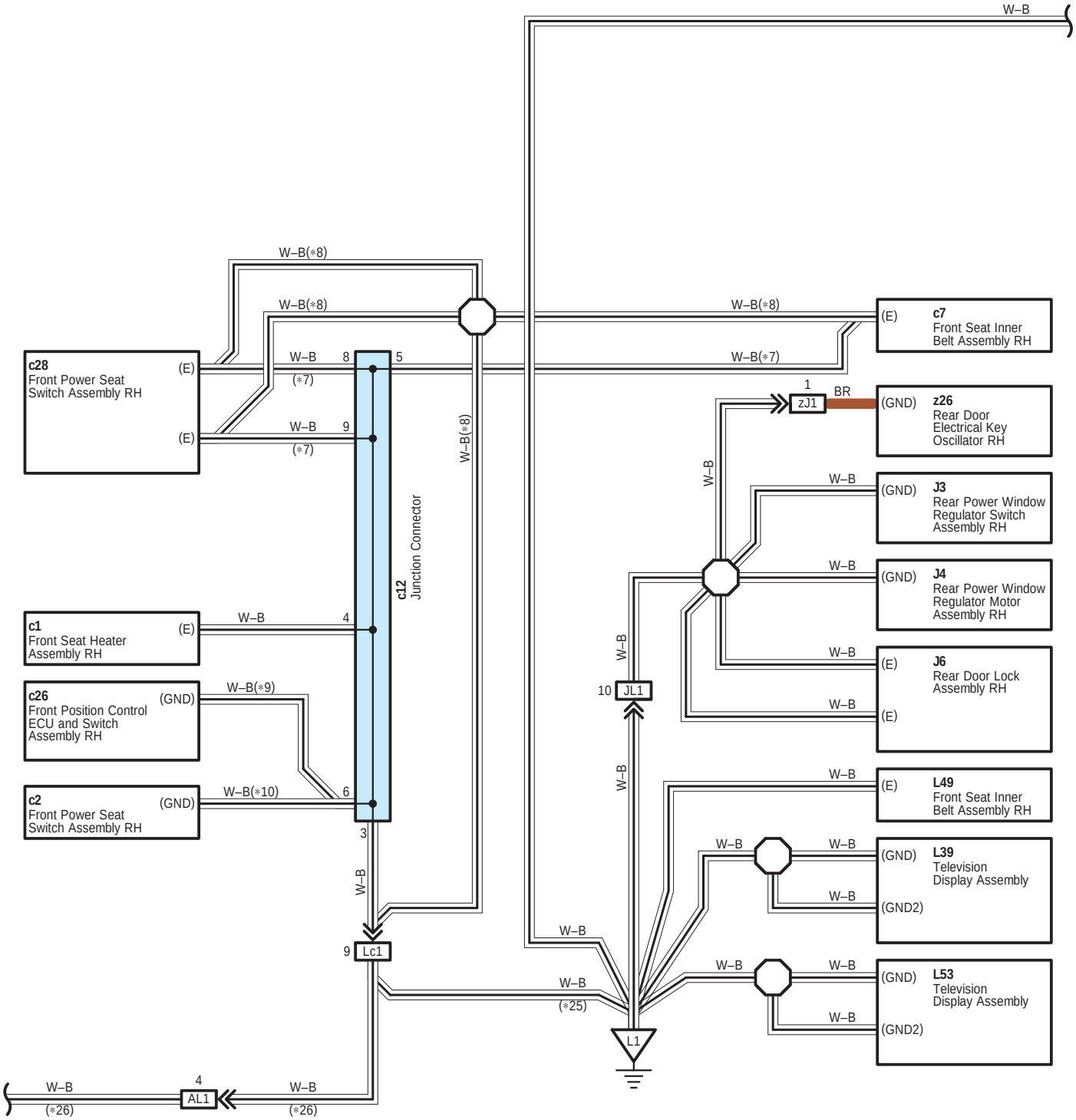

AHC Relay
(–S)
ST CUT Relay
(–ST)
ST Relay
(–S)
GLOW 1 Relay
(–S)
GLOW 2 Relay
(–S)
W–B
W–B
W–B

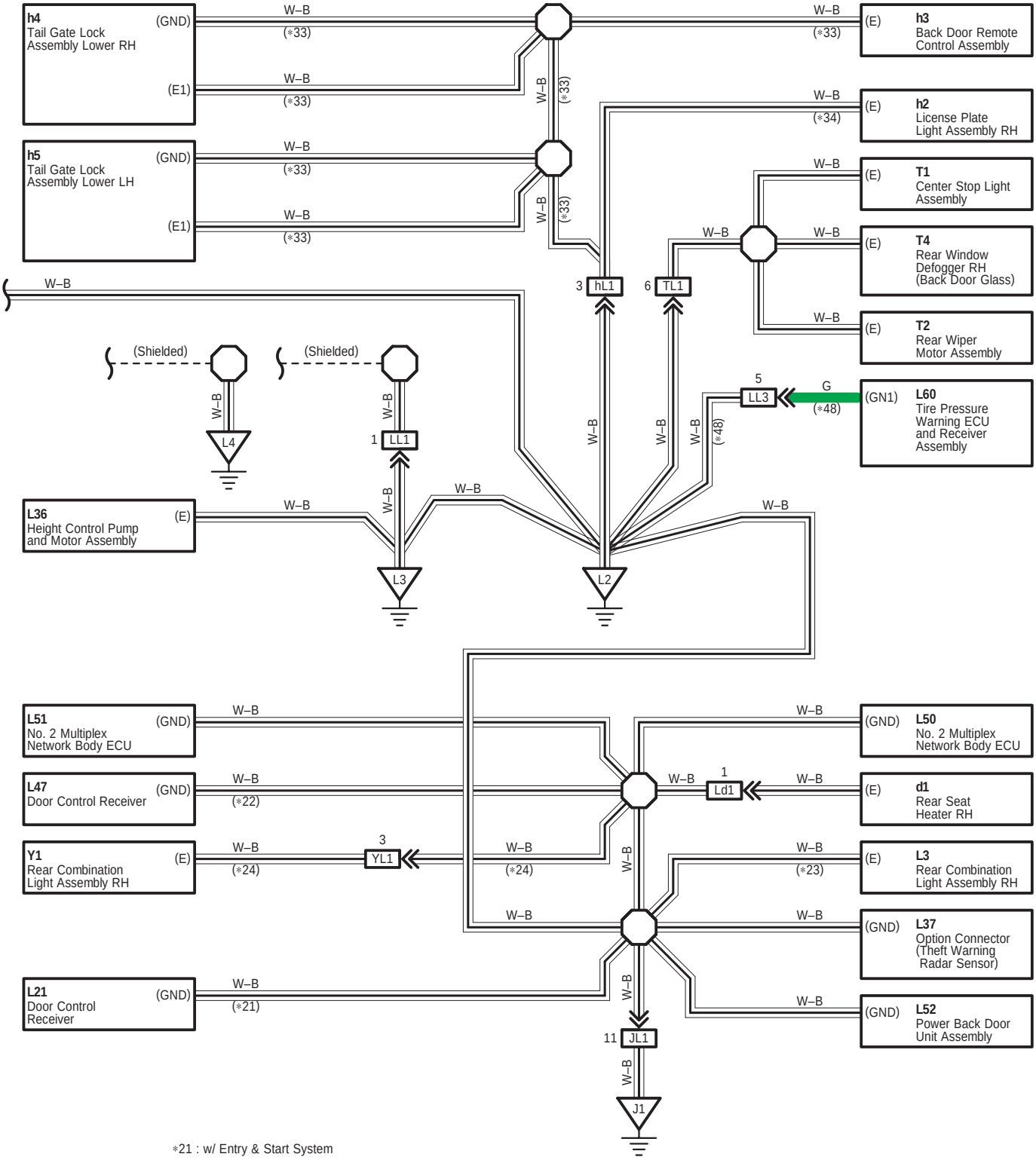

B1
Fog Light Assembly LH
(E)
W–B
B2
Fog Light Assembly RH
(E)
W–B
A41
Headlight Assembly RH
(E)
W–B
(∗3)
8
BA1
W–B
W–B
W–B
W–B
(∗39, ∗49)
A58
Headlight Assembly RH
W–B
(∗40)
A12
Headlight Assembly RH
W–B
(∗4 ∗40)
A11
Headlight Assembly RH
W–B
(∗4 ∗39)
A57
Headlight Assembly RH
W–B(∗15 ∗18)
L(∗17, ∗16 ∗18)
A8
Engine Hood Courtesy Switch
A25
Skid Control ECU with Actuator Assembly
(GND3)
W–B
W–B
W–B
2
AA3
W–B
W–B
W–B
A10
Headlight Assembly RH
(RH E)
A4
∗ 3 : Headlight (High) HID Type
∗ 4 : Headlight (High) Halogen Type
∗15 : Before Jul. 2009 Production
∗16 : From Jul. 2009 Production
∗17 : U. K.
∗18 : Except U. K.
∗23 : Liftgate Type
∗24 : Swing Type
∗26 : From Jan. 2012 Production
∗39 : Headlight (Low) HID Type
∗40 : Headlight (Low) Halogen Type
∗49 : Headlight (Low) LED Type
A26
Brake Fluid Level Warning Switch (Brake Master Cylinder Reservoir Assembly)
(GND)
W–B
W–B
4
AL1
W–B
9
Lc1
W–B
3
4
W–B
c12
Junction Connector
(GND)
c32
Seat Climate Control ECU RH
(Shielded)
W–B
W–B
A22
Windshield Wiper Motor Assembly
(Shielded)
W–B
W–B
A20
Wireless Door Lock Buzzer
(Shielded)
W–B
W–B
A47
Side Turn Signal Light Assembly RH
A24
Skid Control ECU with Actuator Assembly
(GND2)
W–B
A3
W–B
(∗26)
W–B
(∗26)


10
MK1
W–B
6
MK1
GR
1
EK1
GR
(*24)
(SIS)
E7
Combination
Meter Assembly
GR
(*23)
(L A/B)
W–B
12
AK1
W–B
E22
DLC3
(SG)
BR
14 64
E12
Spiral Cable
Sub–Assembly
(ECC)
BR
4 54
E7
Combination Meter
Assembly
(ET)
BR
6 34
(*23) (*24)
E60(A)
Junction
Connector
24 74
(*23) (*24)
BR
5
CA1
W–B
W–B
(E01)
C46
ECM
67
EA1
C38
Transfer Shift
Actuator Assembly
(GND)
W–B
14
C37
Transfer Shift
Actuator Assembly
(GND1)
W–B
15
12
C42
Junction
Connector
BR
W–B
W–B
(GND)
C8
Ignition Coil
Assembly No. 5
W–B
(GND)
C6
Ignition Coil
Assembly No. 3
W–B
(GND)
C4
Ignition Coil
Assembly No. 1
C10
Noise Filter
(Ignition Bank 1)
(IGN)
W–B
C15
Ignition Coil
Assembly No. 2
(GND)
W–B
19
A
14
B
A37(A), C44(B)
Junction
Connector
W–B
W–B
(E03)
C46
ECM
W–B
(E04)
W–B
(E05)
C13
Ignition Coil
Assembly No. 4
(GND)
W–B
C11
Ignition Coil
Assembly No. 6
(GND)
W–B
C32
Engine Oil Level
Sensor
(E)
W–B
W–B
B
BR
C2
(1GR–FE)
W–B
(IGN2)
C17
Noise Filter
(Ignition Bank 2)
C46
ECM
(ME01)
W–B
(E02)
BR
BR
(E1)
C46
ECM
C1
(1GR–FE)
BR
21
C42
Junction
Connector
17
BR
(Shielded)
(Shielded)
BR
19
16
BR
(Shielded)
(Shielded)
BR
18
20
BR
(Shielded)
W–B
(*26)
W–B
(*26)

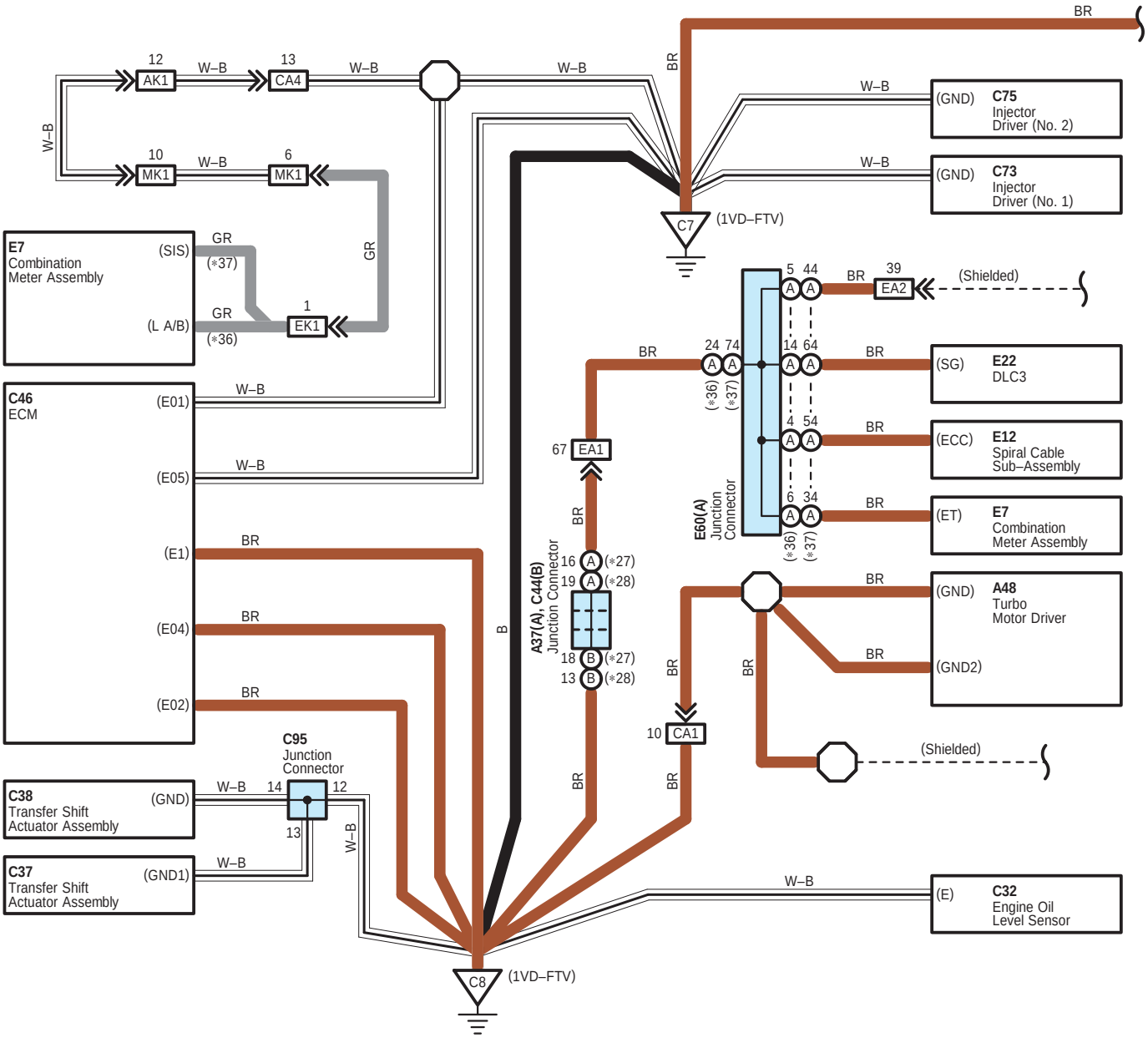

E7
Combination Meter Assembly
(L A/B)
GR
1
EK1
GR
6
MK1
W–B
10
MK1
W–B
12
AK1
W–B
5
CA1
W–B
13
(Shielded)
BR
20
19
BR
(Shielded)
(Shielded)
BR
22
17
BR
(Shielded)
(Shielded)
BR
16
21
W–B
W–B
12
14
W–B
(GND)
C38
Transfer Shift Actuator Assembly
15
W–B
(GND1)
C37
Transfer Shift Actuator Assembly
C42
Junction Connector
BR
18
6
(Shielded)
BR
4
(Shielded)
BR
5
C42
Junction Connector
W–B
C46
ECM
(E04)
(E05)
W–B
W–B
(2UZ–FE)
C6
B
3
DC1
BR
(Shielded)
W–B
W–B
(GND)
C11
Ignition Coil Assembly No. 6
C51
Ignition Coil Assembly No. 7
(GND)
W–B
W–B
(GND)
C13
Ignition Coil Assembly No. 4
C53
Ignition Coil Assembly No. 8
(GND)
W–B
W–B
(GND)
C8
Ignition Coil Assembly No. 5
W–B
W–B
(GND)
C6
Ignition Coil Assembly No. 3
C17
Noise Filter (Ignition Bank 2)
(IGN2)
W–B
W–B
(GND)
C15
Ignition Coil Assembly No. 2
W–B
(GND)
C4
Ignition Coil Assembly No. 1
B
C46
ECM
(E02)
BR
B
W–B
(E01)
C46
ECM
C5
(2UZ–FE)
W–B
(*26)
W–B
(*26)

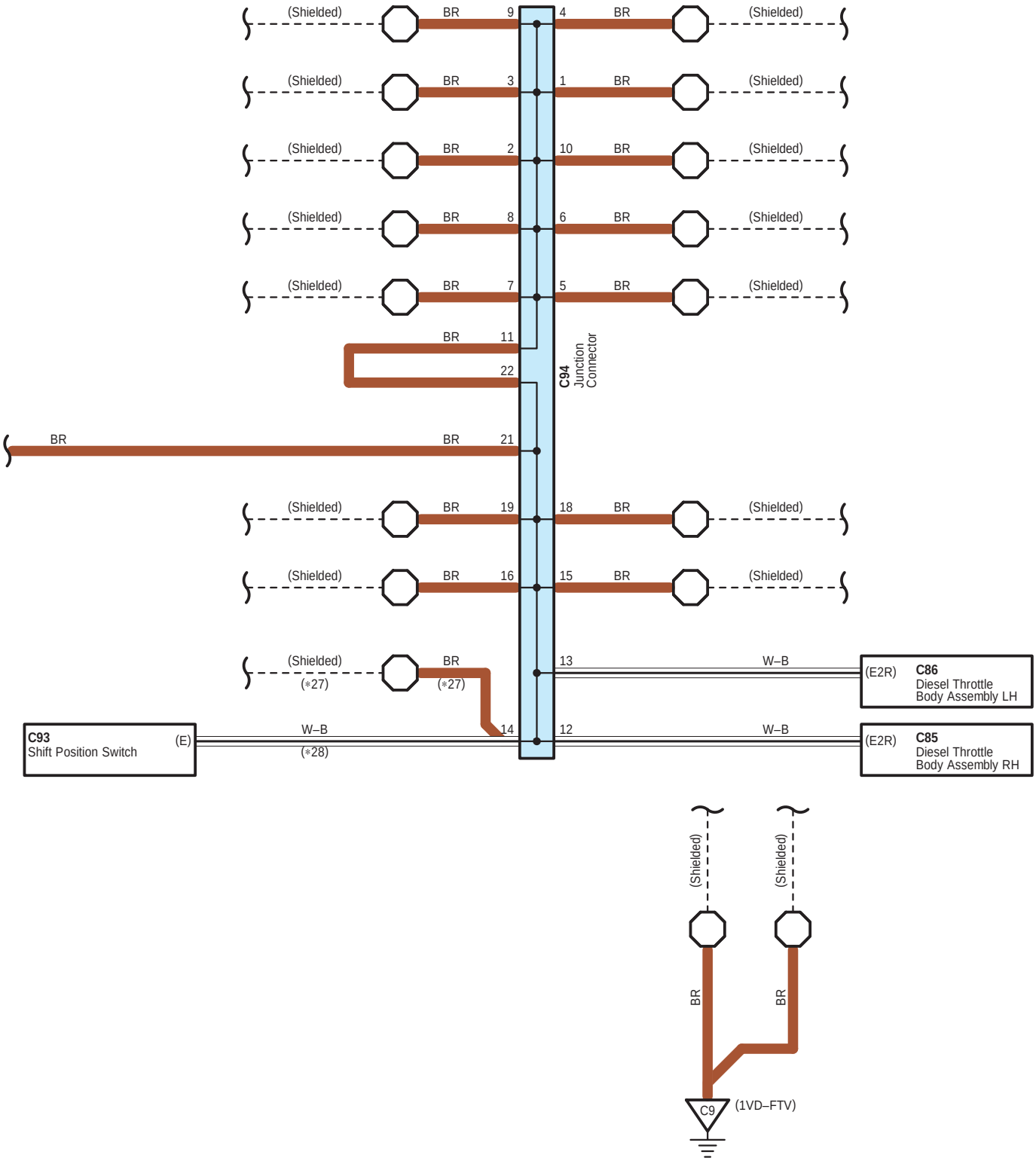
∗ 7 : w/ Front Power Seat Position Motor
∗ 8 : w/o Front Power Seat Position Motor
∗ 9 : w/ Seat Position Memory
∗10 : w/o Seat Position Memory
∗25 : Before Jan. 2012 Production
∗26 : From Jan. 2012 Production



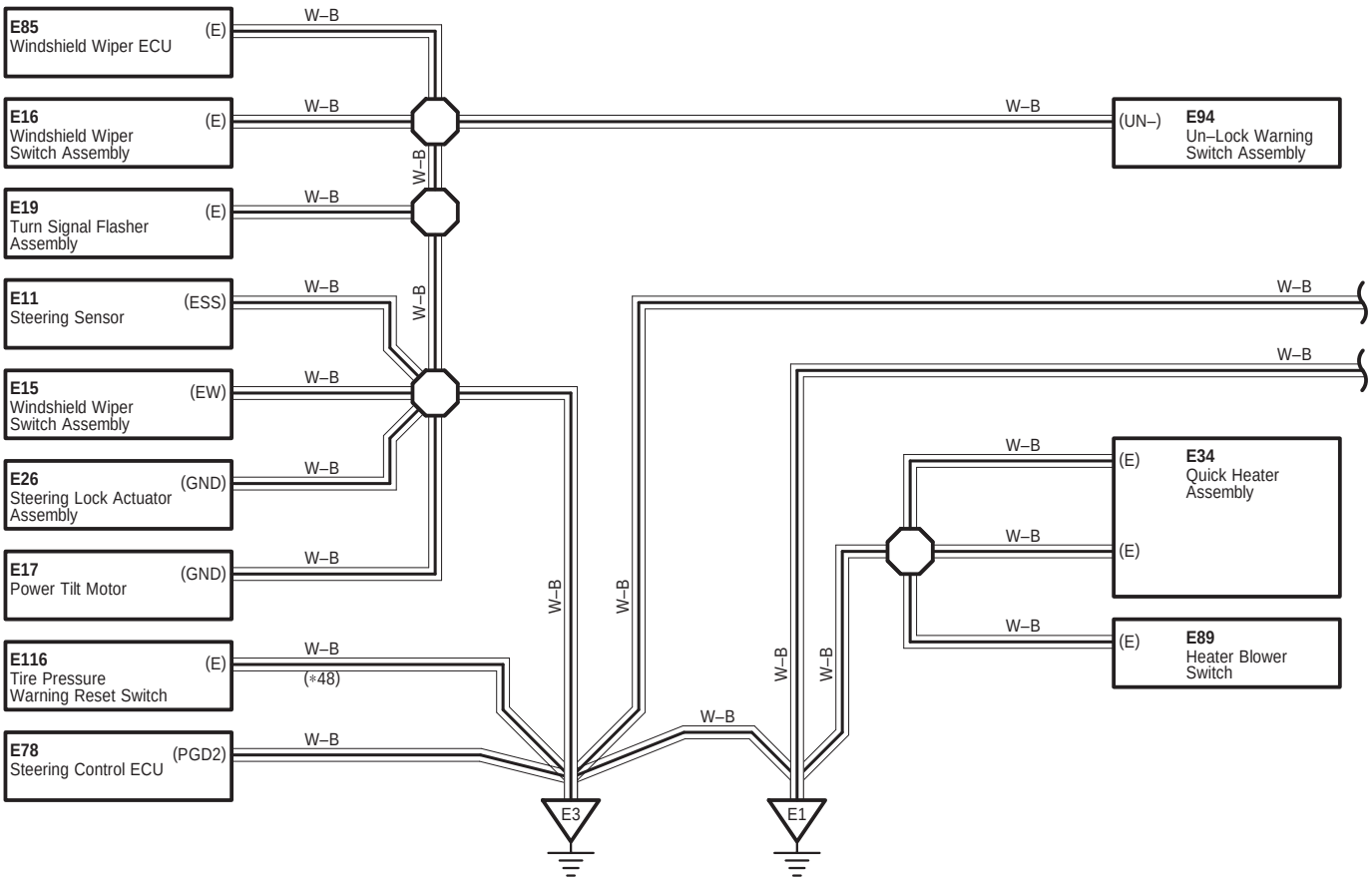


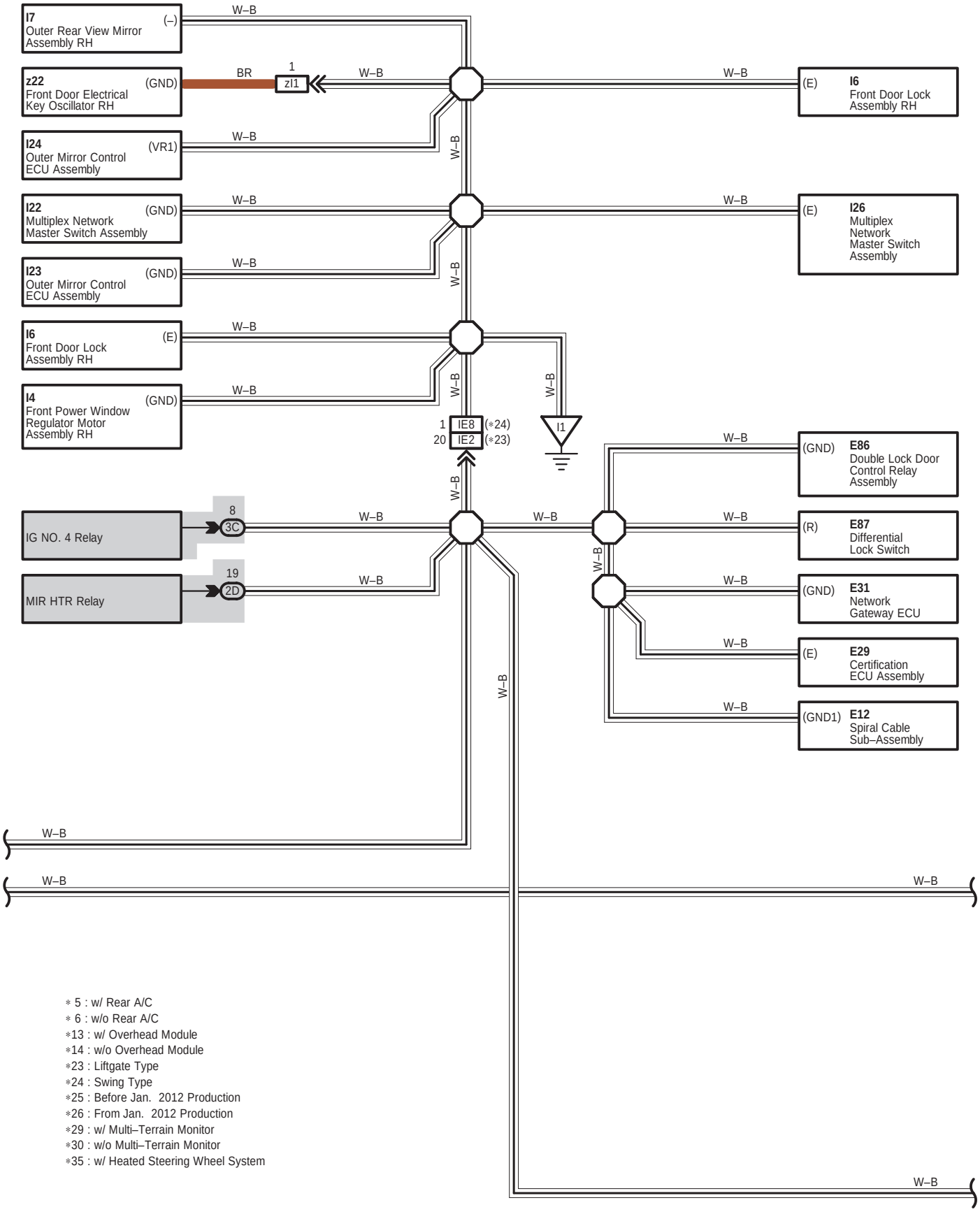
*21 : w/ Entry & Start System
*22 : w/o Entry & Start System
*23 : Liftgate Type
*24 : Swing Type
*27 : 1VD–FTV w/ DPF
*28 : 1VD–FTV w/o DPF
*33 : w/ Power Back Door
*34 : w/o Power Back Door
*36 : Before Jan. 2012 Production Liftgate Type
*37 : From Jan. 2012 Production Liftgate Type, Swing Type
*48 : w/ Tire Pressure Warning System


BR
12
AK1
W–B
13
CA4
W–B
W–B
BR
W–B
(GND)
C75
Injector
Driver (No. 2)
W–B
10
MK1
W–B
6
MK1
W–B
(GND)
C73
Injector
Driver (No. 1)
C7
(1VD–FTV)
E7
Combination
Meter Assembly
(SIS)
GR
(∗37)
GR
GR
(L A/B)
GR
(∗36)
1
EK1
5
44
A
A
BR
39
EA2
(Shielded)
BR
24
74
A
A
(∗36)
(∗37)
14
64
A
A
BR
(SG)
E22
DLC3
4
54
A
A
BR
(ECC)
E12
Spiral Cable
Sub–Assembly
6
34
A
A
BR
(ET)
E7
Combination
Meter Assembly
E60(A)
Junction
Connector
(∗36)
(∗37)
C46
ECM
(E01)
W–B
(E05)
W–B
(E1)
BR
(E04)
BR
(E02)
BR
67
EA1
BR
16
A
(∗27)
19
A
(∗28)
A37(A), C44(B)
Junction Connector
18
B
(∗27)
13
B
(∗28)
B
BR
BR
(GND)
A48
Turbo
Motor Driver
BR
(GND2)
BR
BR
10
CA1
BR
(Shielded)
C95
Junction
Connector
C38
Transfer Shift
Actuator Assembly
(GND)
W–B
14
12
13
W–B
C37
Transfer Shift
Actuator Assembly
(GND1)
W–B
W–B
(E)
C32
Engine Oil
Level Sensor
C8
(1VD–FTV)

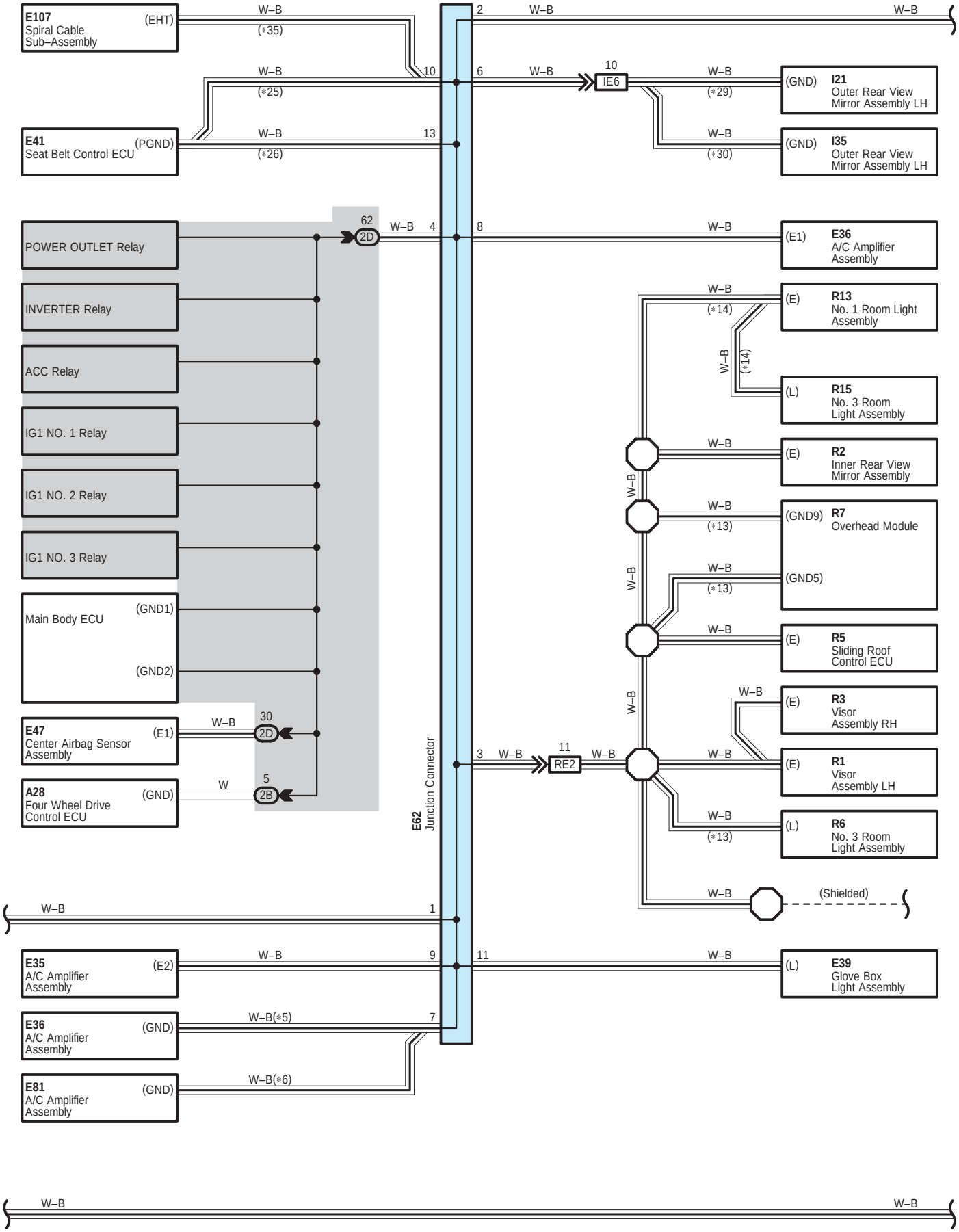

(Shielded)
BR
9
4
BR
(Shielded)
(Shielded)
BR
3
1
BR
(Shielded)
(Shielded)
BR
2
10
BR
(Shielded)
(Shielded)
BR
8
6
BR
(Shielded)
(Shielded)
BR
7
5
BR
(Shielded)
BR
11
22
C94
Junction
Connector
BR
BR
21
(Shielded)
BR
19
18
BR
(Shielded)
(Shielded)
BR
16
15
BR
(Shielded)
(Shielded)
(*27)
BR
(*27)
13
W–B
(E2R)
C86
Diesel Throttle
Body Assembly LH
C93
Shift Position Switch
(E)
W–B
(*28)
14
12
W–B
(E2R)
C85
Diesel Throttle
Body Assembly RH
(Shielded)
(Shielded)
BR
BR
C9
(1VD–FTV)

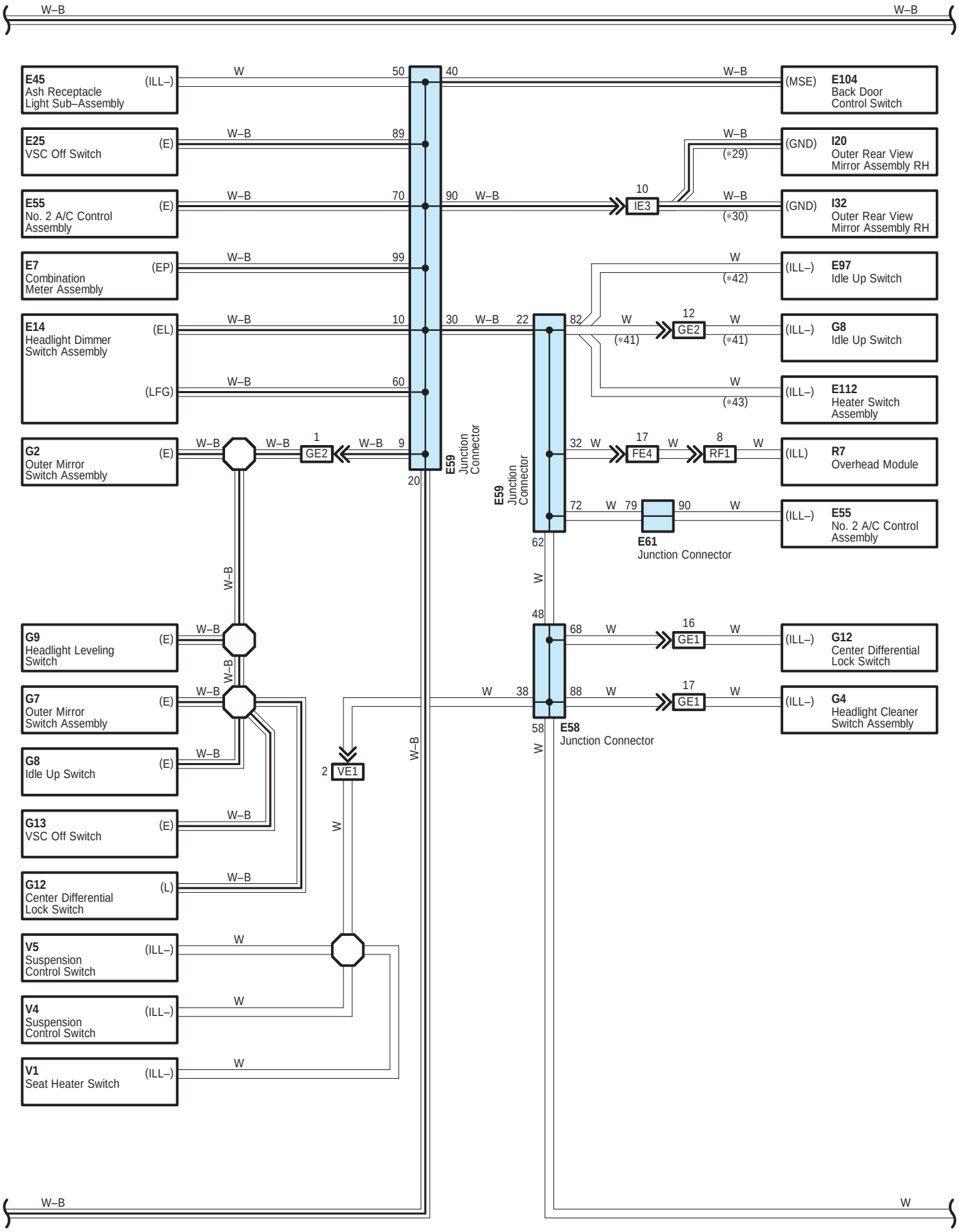
∗27 : 1VD–FTV w/ DPF
∗28 : 1VD–FTV w/o DPF
∗48 : w/ Tire Pressure Warning System





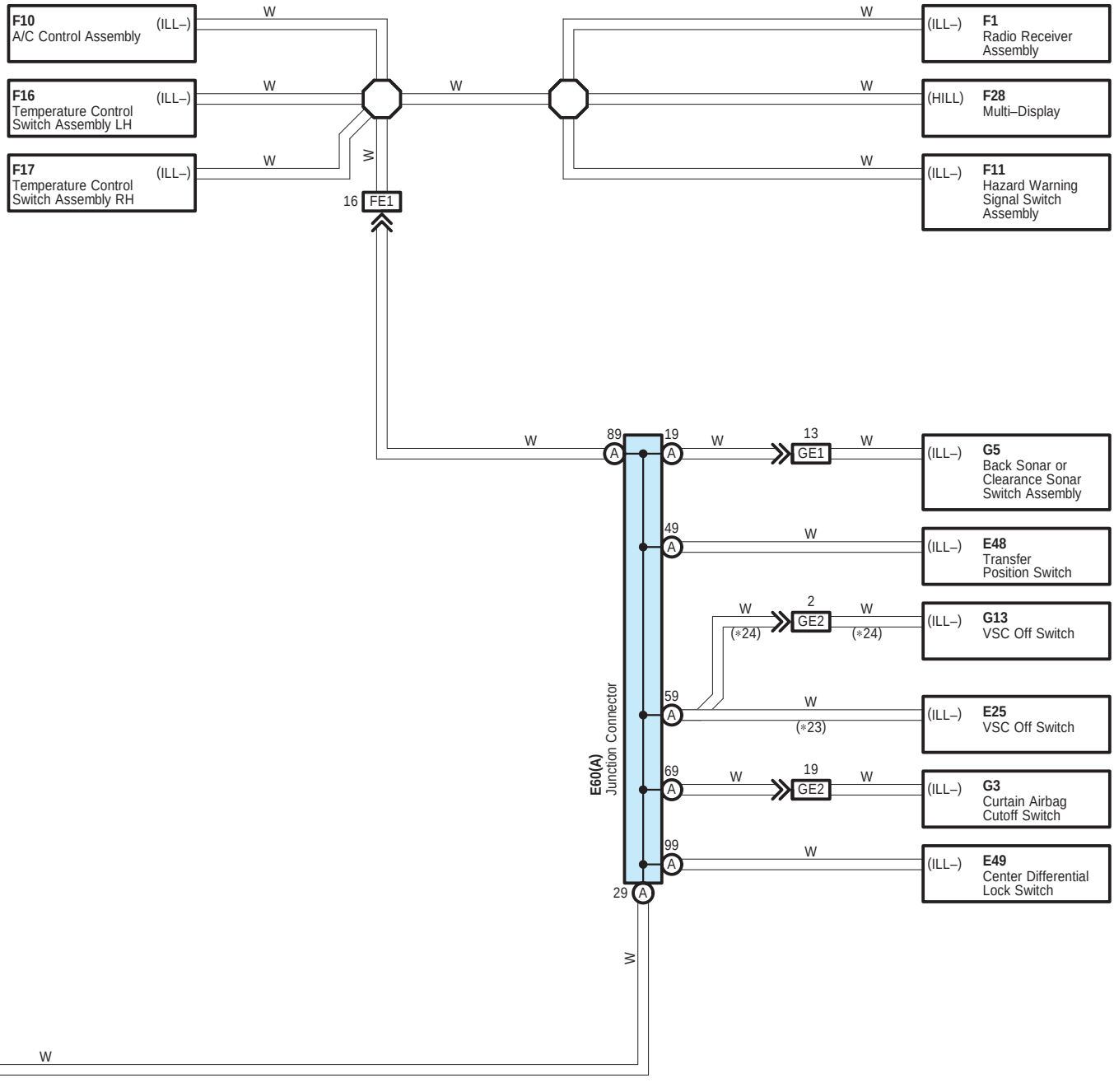
∗ 5 : w/ Rear A/C
∗ 6 : w/o Rear A/C
∗13 : w/ Overhead Module
∗14 : w/o Overhead Module
∗23 : Liftgate Type
∗24 : Swing Type
∗25 : Before Jan. 2012 Production
∗26 : From Jan. 2012 Production
∗29 : w/ Multi–Terrain Monitor
∗30 : w/o Multi–Terrain Monitor
∗35 : w/ Heated Steering Wheel System

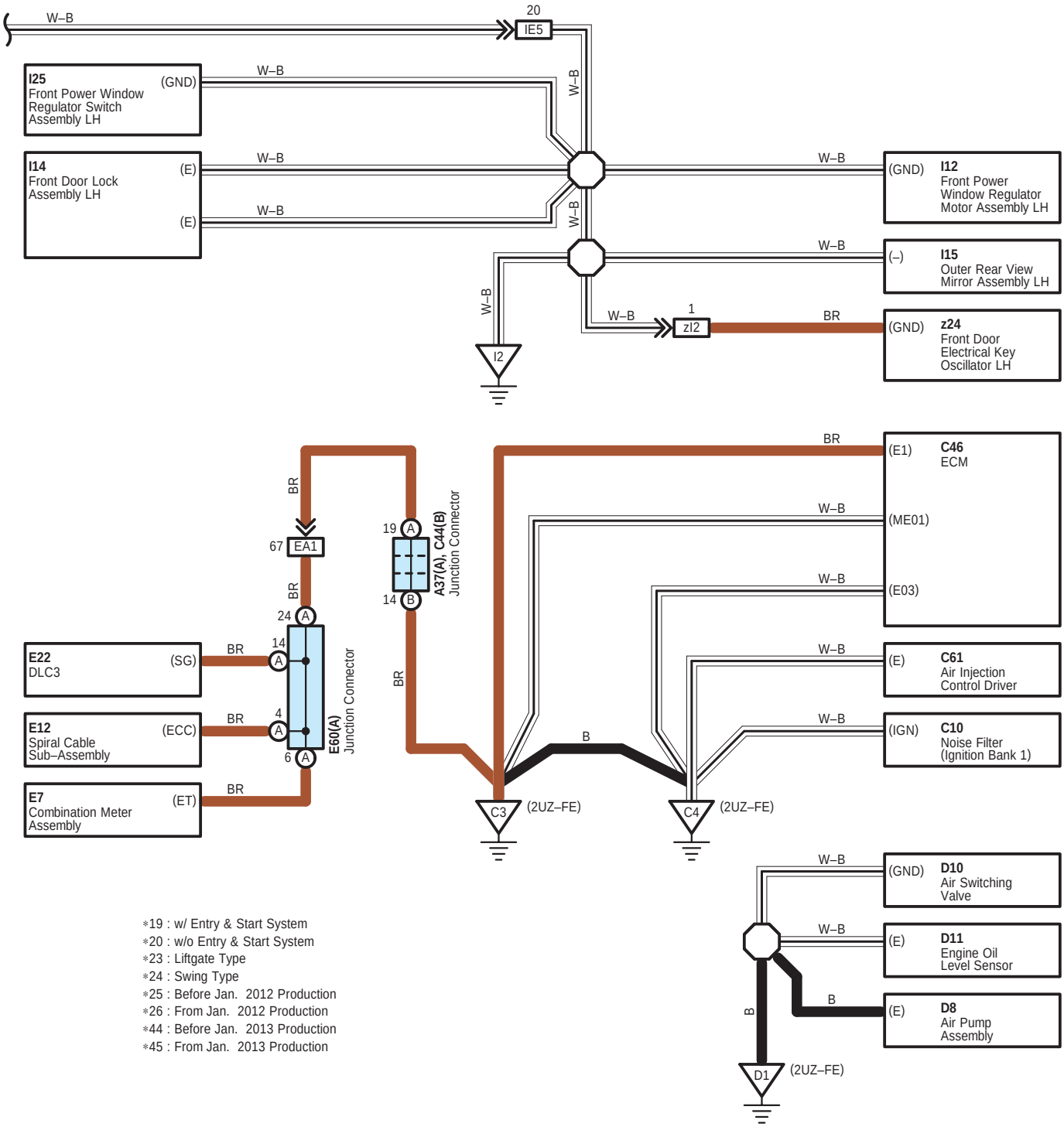

E107
Spiral Cable
Sub–Assembly
(EHT)
W–B
(∗35)
2
W–B
W–B
W–B
(∗25)
10
6
W–B
10
IE6
W–B
(∗29)
(GND)
I21
Outer Rear View
Mirror Assembly LH
E41
Seat Belt Control ECU
(PGND)
W–B
(∗26)
13
W–B
(∗30)
(GND)
I35
Outer Rear View
Mirror Assembly LH
POWER OUTLET Relay
INVERTER Relay
ACC Relay
IG1 NO. 1 Relay
IG1 NO. 2 Relay
IG1 NO. 3 Relay
Main Body ECU
(GND1)
(GND2)
62
2D
W–B
4
8
W–B
(E1)
E36
A/C Amplifier
Assembly
W–B
(∗14)
(E)
R13
No. 1 Room Light
Assembly
W–B
(∗14)
(L)
R15
No. 3 Room
Light Assembly
W–B
(E)
R2
Inner Rear View
Mirror Assembly
W–B
W–B
(∗13)
(GND9)
R7
Overhead Module
W–B
(∗13)
(GND5)
W–B
(E)
R5
Sliding Roof
Control ECU
W–B
W–B
(E)
R3
Visor
Assembly RH
E47
Center Airbag Sensor
Assembly
(E1)
W–B
30
2D
3
W–B
11
RE2
W–B
W–B
(E)
R1
Visor
Assembly LH
A28
Four Wheel Drive
Control ECU
(GND)
W
5
2B
W–B
(∗13)
(L)
R6
No. 3 Room
Light Assembly
E62
Junction Connector
W–B
(Shielded)
W–B
1
E35
A/C Amplifier
Assembly
(E2)
W–B
9
11
W–B
(L)
E39
Glove Box
Light Assembly
E36
A/C Amplifier
Assembly
(GND)
W–B(∗5)
7
E81
A/C Amplifier
Assembly
(GND)
W–B(∗6)
W–B
W–B


W–B
W–B
E45
Ash Receptacle
Light Sub–Assembly
(ILL–)
W
50
40
W–B
(MSE)
E104
Back Door
Control Switch
E25
VSC Off Switch
(E)
W–B
89
W–B
(GND)
I20
Outer Rear View
Mirror Assembly RH
(∗29)
E55
No. 2 A/C Control
Assembly
(E)
W–B
70
90
W–B
10
IE3
W–B
(GND)
I32
Outer Rear View
Mirror Assembly RH
(∗30)
E7
Combination
Meter Assembly
(EP)
W–B
99
W
(ILL–)
E97
Idle Up Switch
(∗42)
E14
Headlight Dimmer
Switch Assembly
(EL)
W–B
10
30
W–B
22
82
W
12
GE2
W
(ILL–)
G8
Idle Up Switch
(∗41)
(∗41)
(LFG)
W–B
60
W
(ILL–)
E112
Heater Switch
Assembly
(∗43)
G2
Outer Mirror
Switch Assembly
(E)
W–B
W–B
1
GE2
W–B
9
E59
Junction
Connector
20
32
W
17
FE4
W
8
RF1
W
(ILL)
R7
Overhead Module
E59
Junction
Connector
72
W
79
90
W
(ILL–)
E55
No. 2 A/C Control
Assembly
E61
Junction Connector
62
W
48
G9
Headlight Leveling
Switch
(E)
W–B
68
W
16
GE1
W
(ILL–)
G12
Center Differential
Lock Switch
G7
Outer Mirror
Switch Assembly
(E)
W–B
W
38
88
W
17
GE1
W
(ILL–)
G4
Headlight Cleaner
Switch Assembly
G8
Idle Up Switch
(E)
W–B
58
E58
Junction Connector
2
VE1
G13
VSC Off Switch
(E)
W–B
G12
Center Differential
Lock Switch
(L)
W–B
V5
Suspension
Control Switch
(ILL–)
W
V4
Suspension
Control Switch
(ILL–)
W
V1
Seat Heater Switch
(ILL–)
W
W–B
W
W–B
W–B
W–B
W–B
W–B
W–B
W–B
W
W
W
W–B
W–B
W

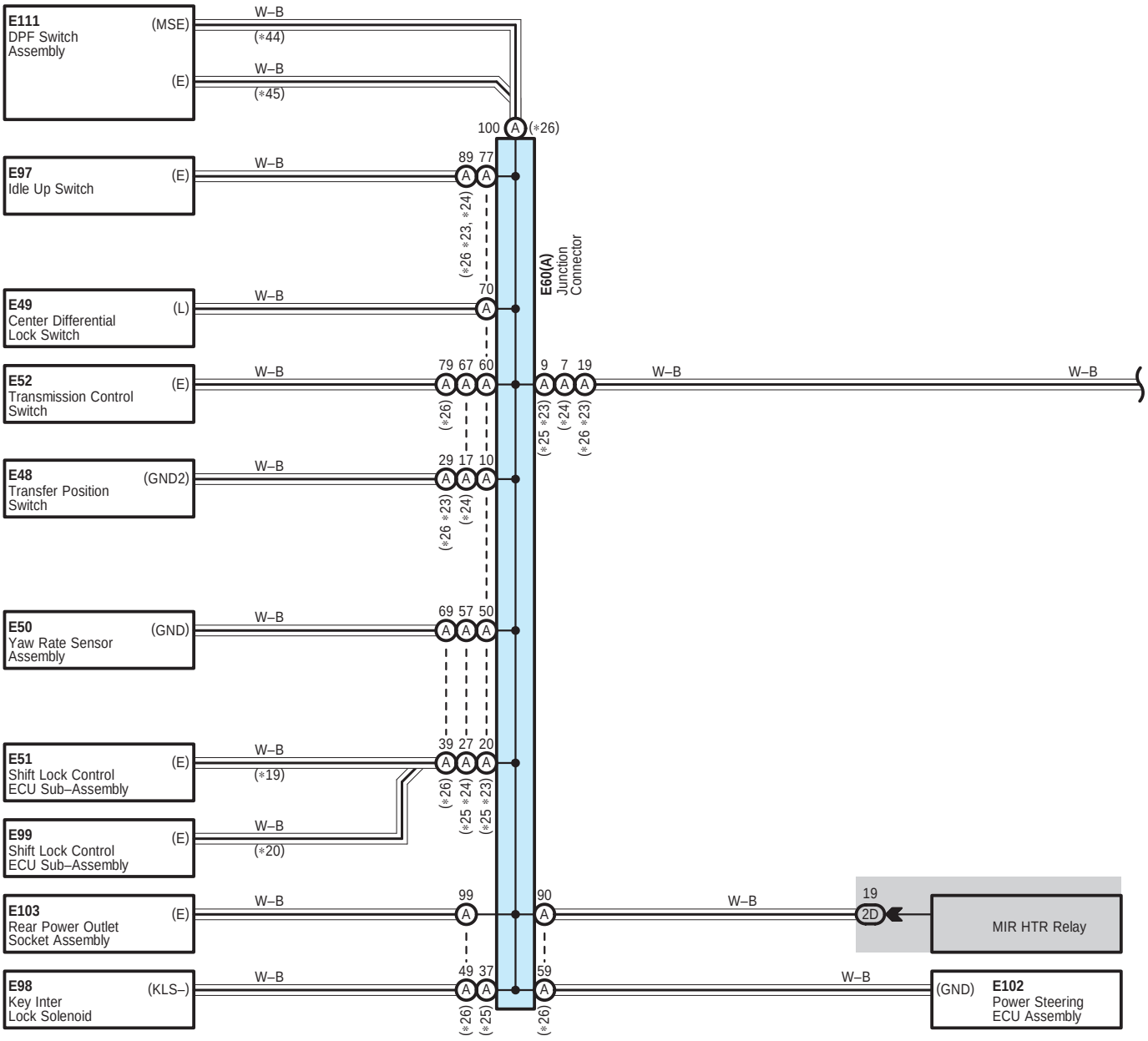


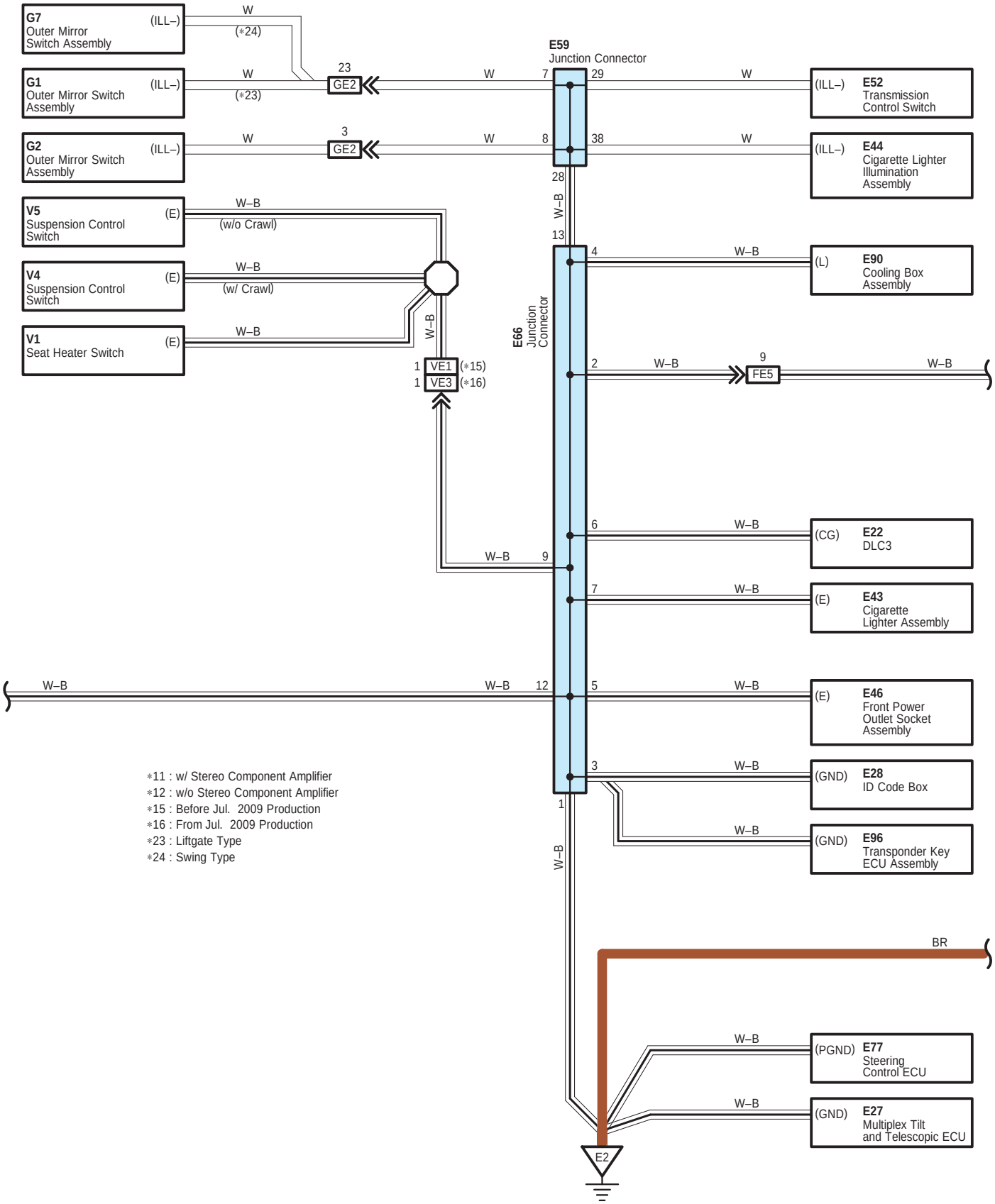
*23 : Liftgate Type
*24 : Swing Type
*29 : w/ Multi–Terrain Monitor
*30 : w/o Multi–Terrain Monitor
*41 : Before Jan. 2012 Production w/ Viscous Heater
*42 : From Jan. 2012 Production w/ Viscous Heater 1VD–FTV w/o DPF
*43 : From Jan. 2012 Production w/ Viscous Heater 1VD–FTV w/ DPF

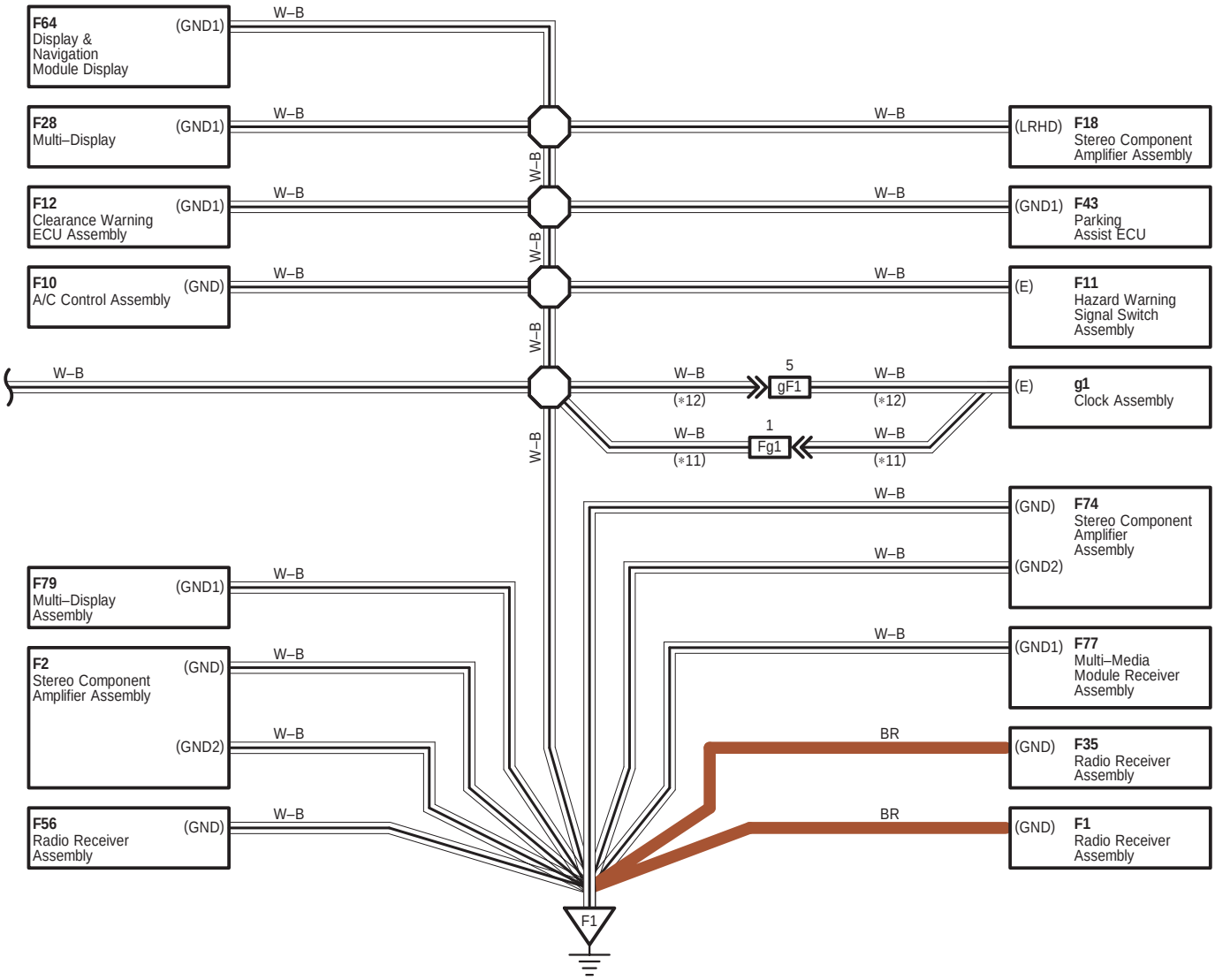


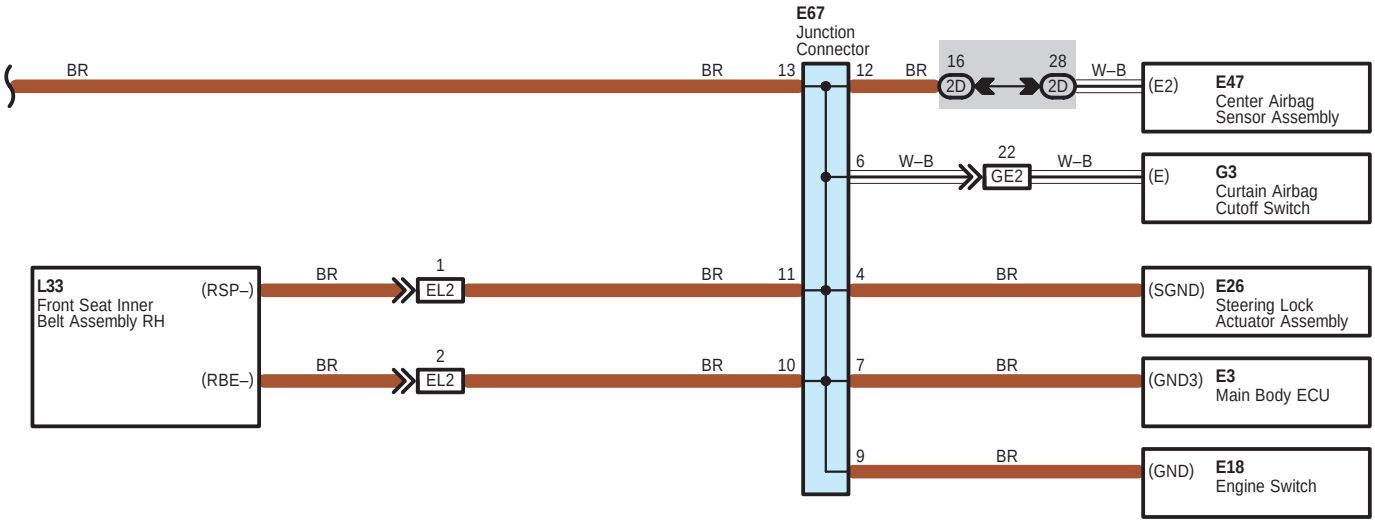


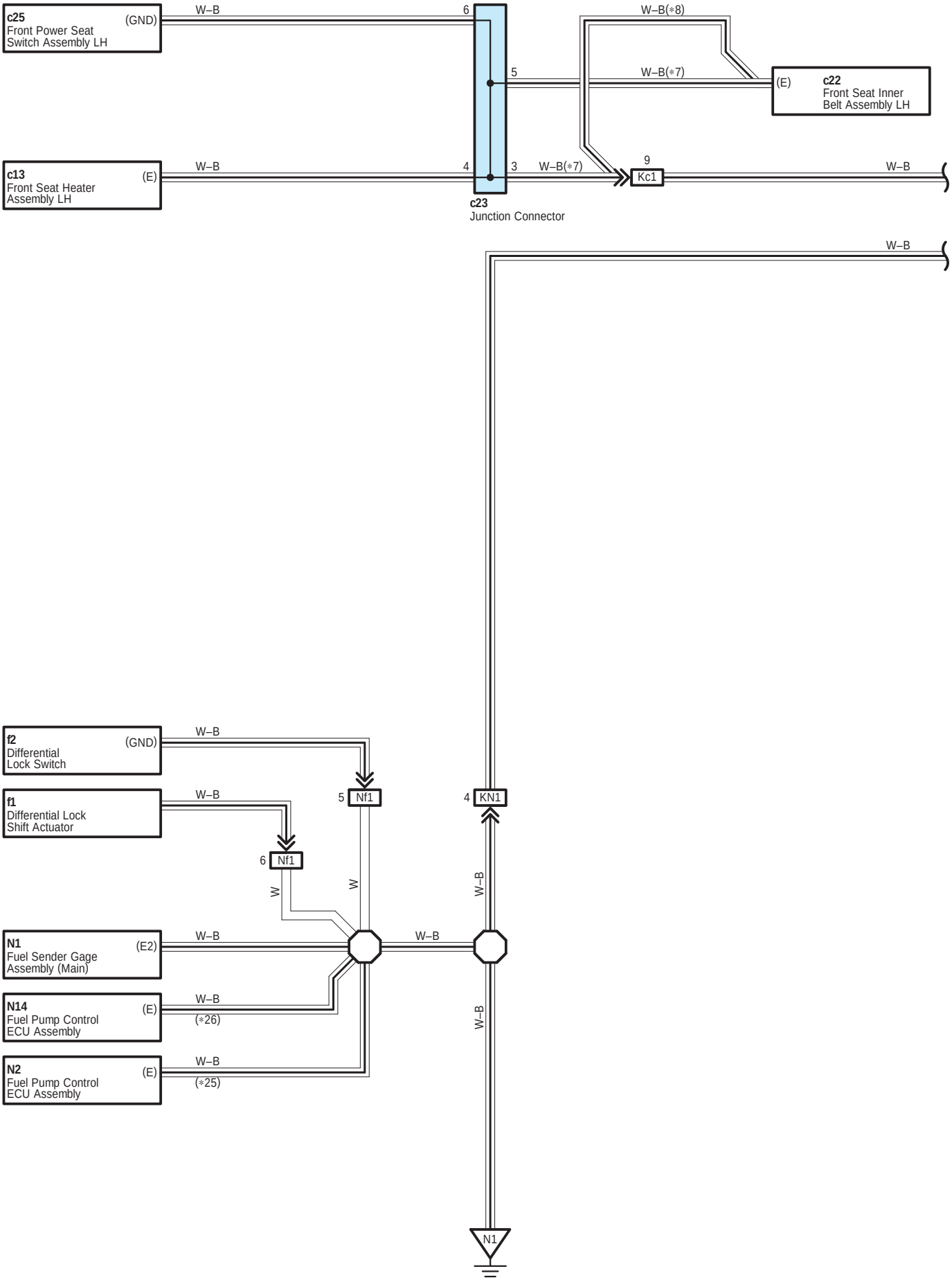
∗19 : w/ Entry & Start System
∗20 : w/o Entry & Start System
∗23 : Liftgate Type
∗24 : Swing Type
∗25 : Before Jan. 2012 Production
∗26 : From Jan. 2012 Production
∗44 : Before Jan. 2013 Production
∗45 : From Jan. 2013 Production


E111
DPF Switch Assembly
(MSE)
(E)
W–B
(*44)
(*45)
100 A (*26)
E97
Idle Up Switch
(E)
89 77
E49
Center Differential Lock Switch
(L)
70
E52
Transmission Control Switch
(E)
79 67 60
E48
Transfer Position Switch
(GND2)
29 17 10
E50
Yaw Rate Sensor Assembly
(GND)
69 57 50
E51
Shift Lock Control ECU Sub–Assembly
(E)
39 27 20
E99
Shift Lock Control ECU Sub–Assembly
(E)
E103
Rear Power Outlet Socket Assembly
(E)
99
E98
Key Inter Lock Solenoid
(KLS–)
49 37
E60(A)
Junction Connector
9 7 19
(*25 *23)
(*24)
(*26 *23)
W–B
19
2D
MIR HTR Relay
90
59
(GND)
E102
Power Steering ECU Assembly

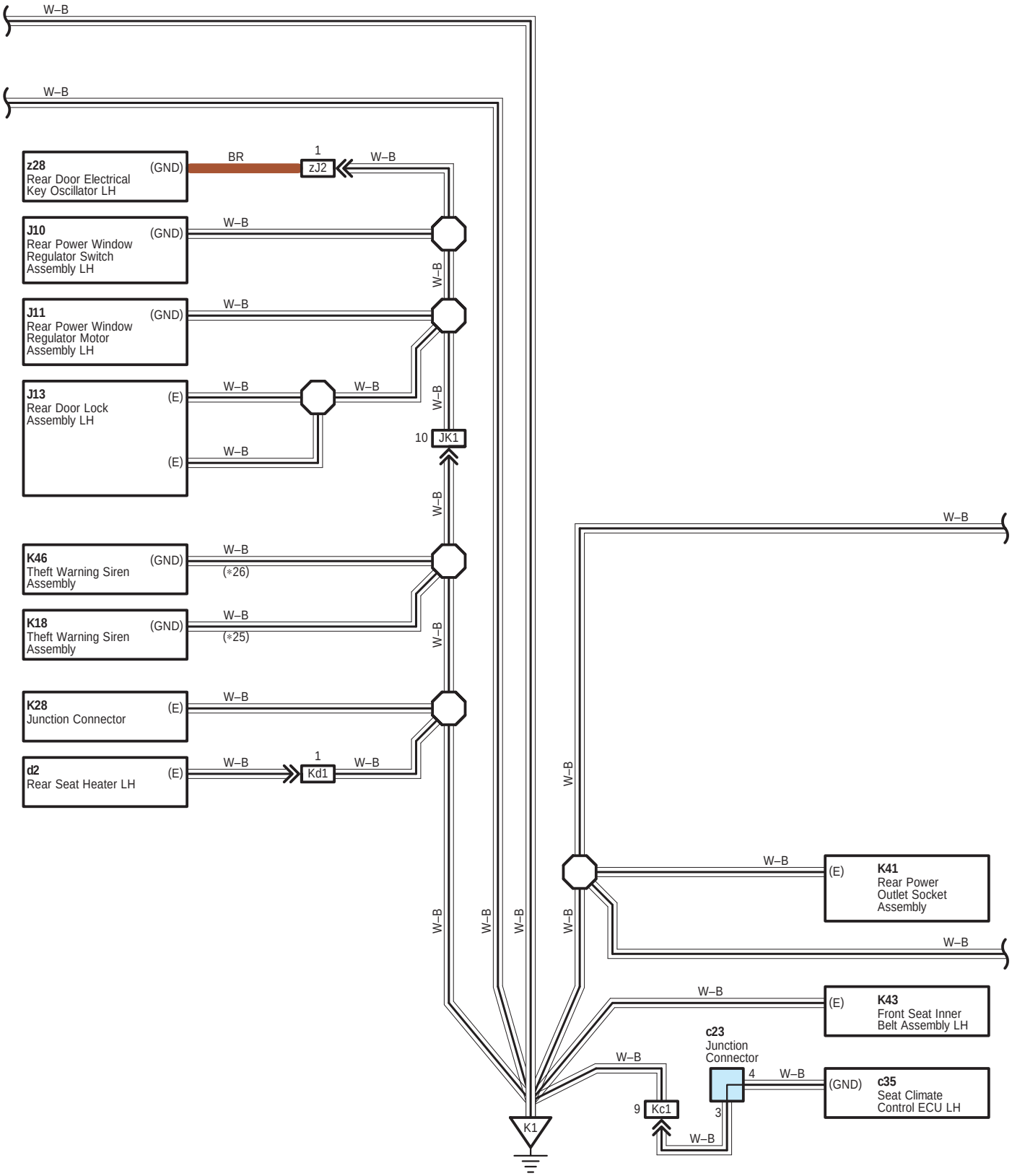

G7
Outer Mirror
Switch Assembly
(ILL–)
W
(*24)
G1
Outer Mirror Switch
Assembly
(ILL–)
W
(*23)
23
GE2
G2
Outer Mirror Switch
Assembly
(ILL–)
W
3
GE2
V5
Suspension Control
Switch
(E)
W–B
(w/o Crawl)
V4
Suspension Control
Switch
(E)
W–B
(w/ Crawl)
V1
Seat Heater Switch
(E)
W–B
W–B
1 VE1 (*15)
1 VE3 (*16)
E59
Junction Connector
7
8
28
13
29
38
W
W
W–B
E66
Junction
Connector
(ILL–) E52
Transmission
Control Switch
(ILL–) E44
Cigarette Lighter
Illumination
Assembly
4
W–B
(L) E90
Cooling Box
Assembly
2
W–B
9
FE5
W–B
6
W–B
(CG) E22
DLC3
W–B
9
7
W–B
(E) E43
Cigarette
Lighter Assembly
W–B
W–B
12
5
W–B
(E) E46
Front Power
Outlet Socket
Assembly
3
W–B
(GND) E28
ID Code Box
1
W–B
(GND) E96
Transponder Key
ECU Assembly
W–B
BR
W–B
(PGND) E77
Steering
Control ECU
W–B
(GND) E27
Multiplex Tilt
and Telescopic ECU
E2
*11 : w/ Stereo Component Amplifier
*12 : w/o Stereo Component Amplifier
*15 : Before Jul. 2009 Production
*16 : From Jul. 2009 Production
*23 : Liftgate Type
*24 : Swing Type

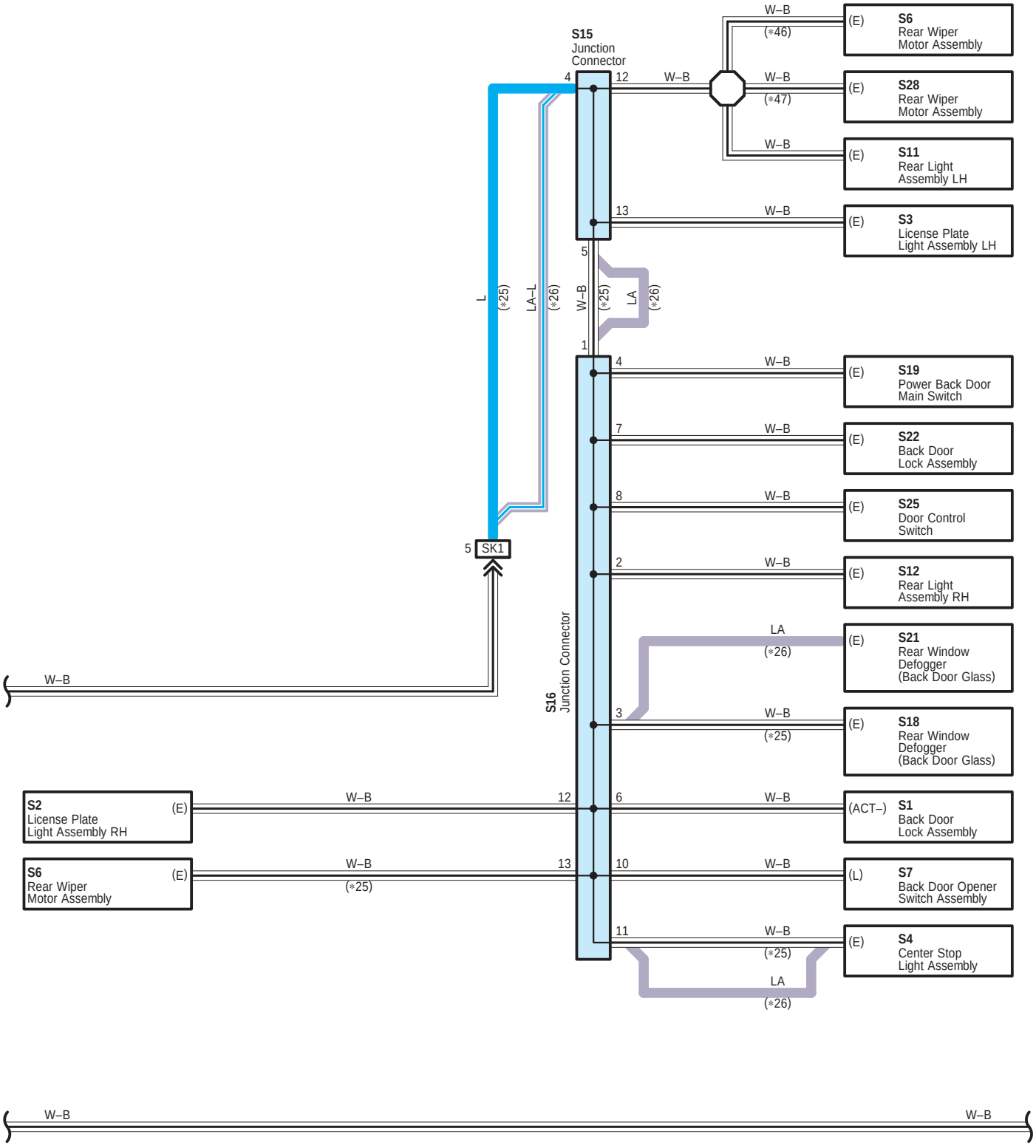

F64
Display &
Navigation
Module Display
(GND1)
W–B
F28
Multi–Display
(GND1)
F12
Clearance Warning
ECU Assembly
(GND1)
F10
A/C Control Assembly
(GND)
(LRHD)
F18
Stereo Component
Amplifier Assembly
(GND1)
F43
Parking
Assist ECU
(E)
F11
Hazard Warning
Signal Switch
Assembly
(E)
g1
Clock Assembly
5
gF1
1
Fg1
(*12)
(*11)
(GND)
(GND2)
F74
Stereo Component
Amplifier
Assembly
F79
Multi–Display
Assembly
F2
Stereo Component
Amplifier Assembly
F56
Radio Receiver
Assembly
(GND1)
F77
Multi–Media
Module Receiver
Assembly
BR
(GND)
F35
Radio Receiver
Assembly
F1
Radio Receiver
Assembly
F1


E67
Junction
Connector
BR
13
12
16
28
2D
(E2)
E47
Center Airbag
Sensor Assembly
6
22
GE2
(E)
G3
Curtain Airbag
Cutoff Switch
L33
Front Seat Inner
Belt Assembly RH
(RSP–)
(RBE–)
1
EL2
2
EL2
11
10
4
7
9
(SGND)
E26
Steering Lock
Actuator Assembly
(GND3)
E3
Main Body ECU
(GND)
E18
Engine Switch

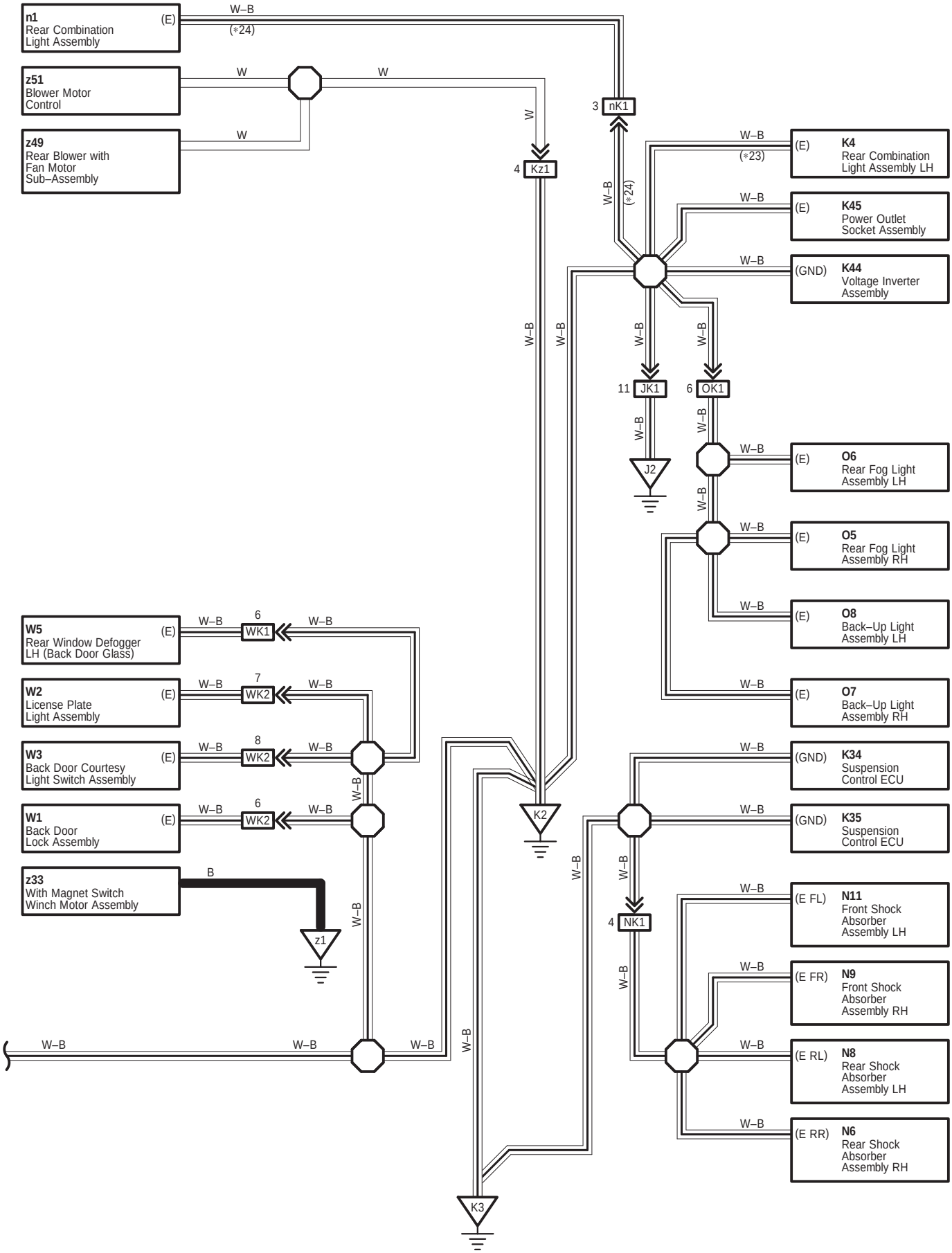

c25
Front Power Seat
Switch Assembly LH
(GND)
W–B
6
W–B(∗8)
5
W–B(∗7)
(E)
c22
Front Seat Inner
Belt Assembly LH
c13
Front Seat Heater
Assembly LH
(E)
W–B
4
3
W–B(∗7)
9
Kc1
W–B
c23
Junction Connector
W–B
f2
Differential
Lock Switch
(GND)
W–B
f1
Differential Lock
Shift Actuator
W–B
5
Nf1
4
KN1
6
Nf1
W
W
W–B
N1
Fuel Sender Gage
Assembly (Main)
(E2)
W–B
W–B
N14
Fuel Pump Control
ECU Assembly
(E)
W–B
(∗26)
W–B
N2
Fuel Pump Control
ECU Assembly
(E)
W–B
(∗25)
N1

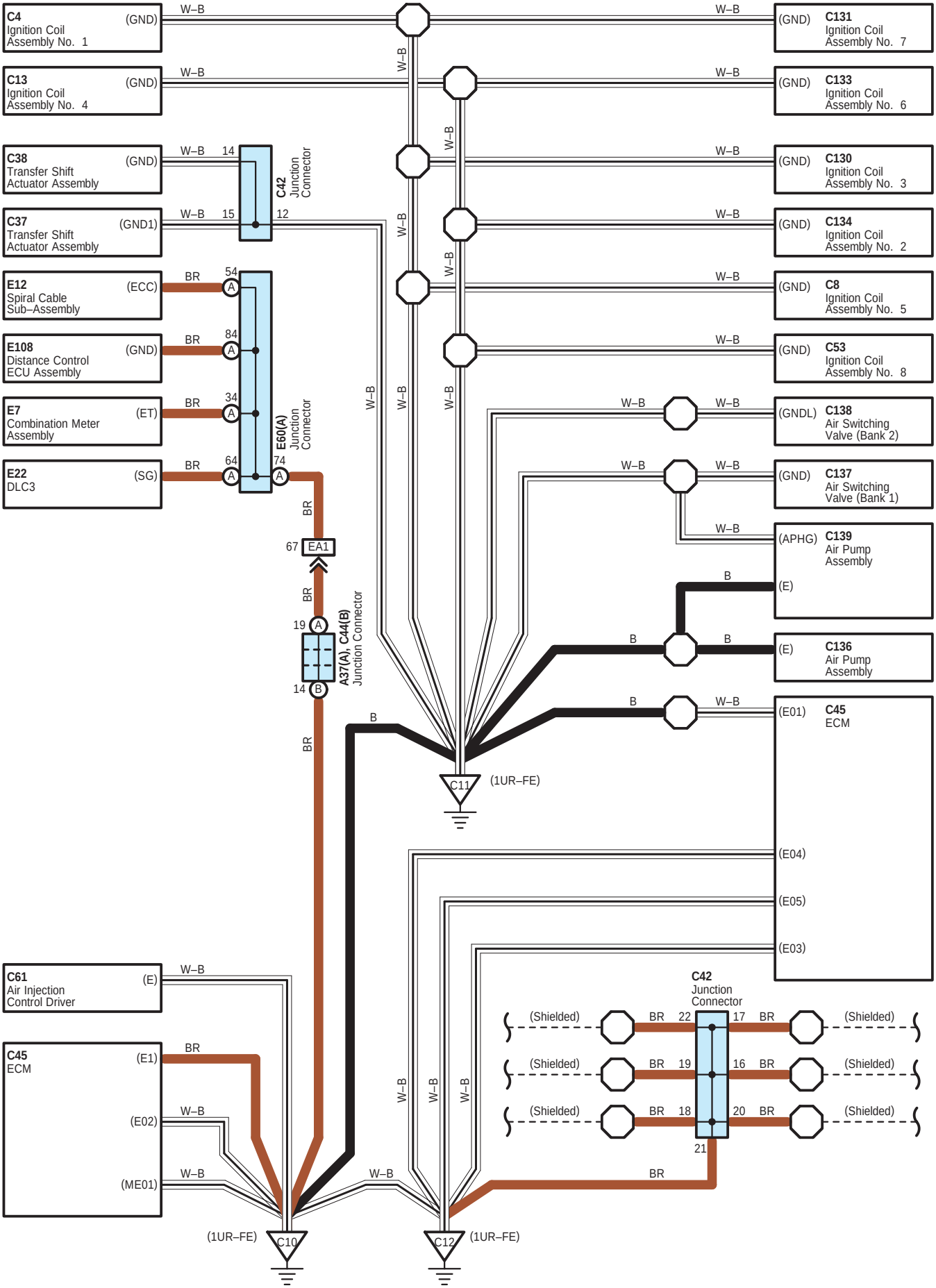
∗ 7 : w/ Front Power Seat Position Motor
∗ 8 : w/o Front Power Seat Position Motor
∗25 : Before Jan. 2012 Production
∗26 : From Jan. 2012 Production



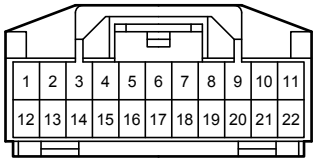


∗23 : Liftgate Type
∗24 : Swing Type
∗25 : Before Jan. 2012 Production
∗26 : From Jan. 2012 Production
∗46 : From Jan. 2012 Production until Aug. 2013 Production
∗47 : From Aug. 2013 Production

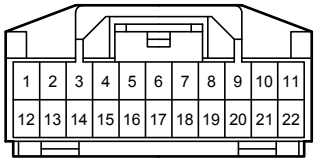

n1
Rear Combination Light Assembly
(E)
W–B
(*24)
z51
Blower Motor Control
z49
Rear Blower with Fan Motor Sub–Assembly
W
3 nK1
4 Kz1
W–B
(*24)
(*23)
K4
Rear Combination Light Assembly LH
K45
Power Outlet Socket Assembly
K44
Voltage Inverter Assembly
(GND)
11 JK1
6 OK1
J2
O6
Rear Fog Light Assembly LH
O5
Rear Fog Light Assembly RH
O8
Back–Up Light Assembly LH
O7
Back–Up Light Assembly RH
W5
Rear Window Defogger LH (Back Door Glass)
W2
License Plate Light Assembly
W3
Back Door Courtesy Light Switch Assembly
W1
Back Door Lock Assembly
WK1
WK2
z33
With Magnet Switch Winch Motor Assembly
B
z1
K2
K3
K34
Suspension Control ECU
K35
Suspension Control ECU
4 NK1
N11
Front Shock Absorber Assembly LH
N9
Front Shock Absorber Assembly RH
N8
Rear Shock Absorber Assembly LH
N6
Rear Shock Absorber Assembly RH
(E FL)
(E FR)
(E RL)
(E RR)


C4
Ignition Coil
Assembly No. 1
(GND)
C13
Ignition Coil
Assembly No. 4
(GND)
C38
Transfer Shift
Actuator Assembly
(GND)
C37
Transfer Shift
Actuator Assembly
(GND1)
E12
Spiral Cable
Sub–Assembly
(ECC)
E108
Distance Control
ECU Assembly
(GND)
E7
Combination Meter
Assembly
(ET)
E22
DLC3
(SG)
C42
Junction
Connector
E60(A)
Junction
Connector
A37(A), C44(B)
Junction Connector
EA1
C11
(1UR–FE)
C10
(1UR–FE)
C12
(1UR–FE)
C131
Ignition Coil
Assembly No. 7
C133
Ignition Coil
Assembly No. 6
C130
Ignition Coil
Assembly No. 3
C134
Ignition Coil
Assembly No. 2
C8
Ignition Coil
Assembly No. 5
C53
Ignition Coil
Assembly No. 8
C138
Air Switching
Valve (Bank 2)
C137
Air Switching
Valve (Bank 1)
C139
Air Pump
Assembly
C136
Air Pump
Assembly
C45
ECM
(E01)
(E04)
(E05)
(E03)
C61
Air Injection
Control Driver
(E)
C45
ECM
(E1)
(E02)
(ME01)
C42
Junction
Connector
(Shielded)
W–B
BR
B

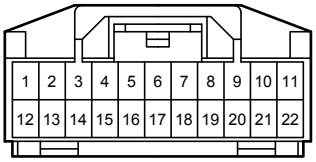
A 34
White



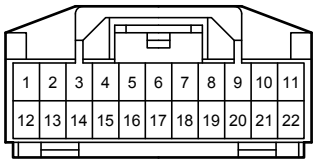
A 37
Blue



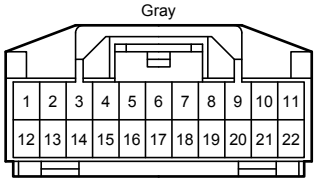
C 42
White



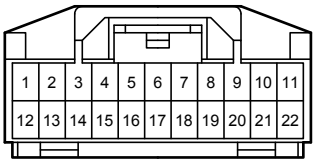
C 44
Blue



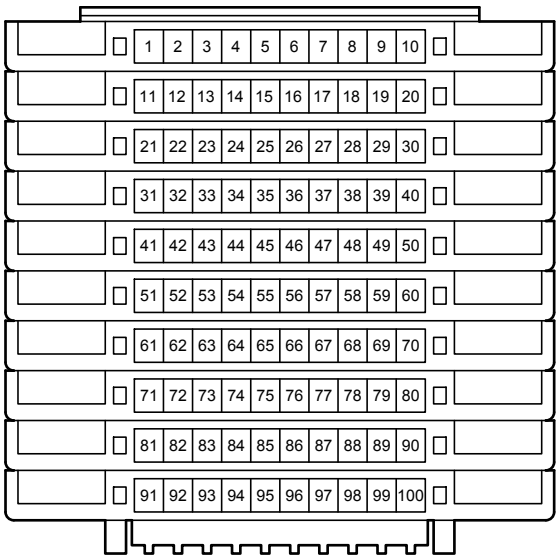
C 94
Gray



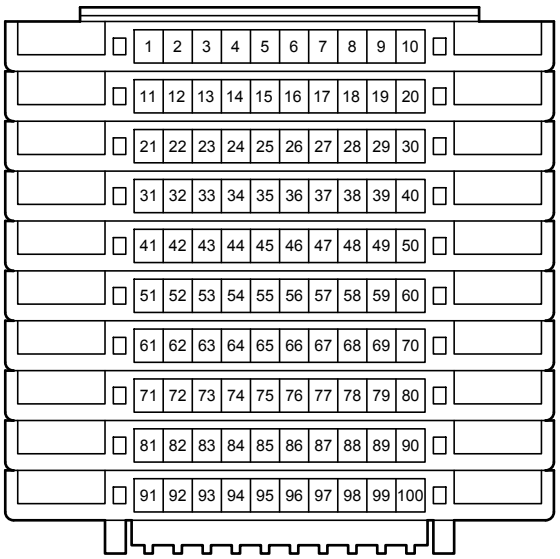
C 95
Black



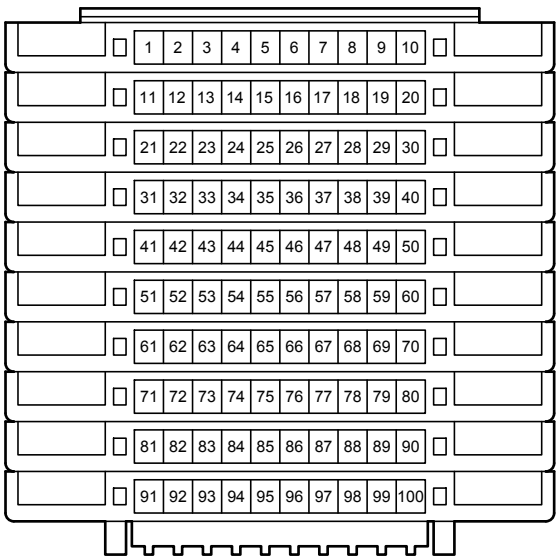
E 58



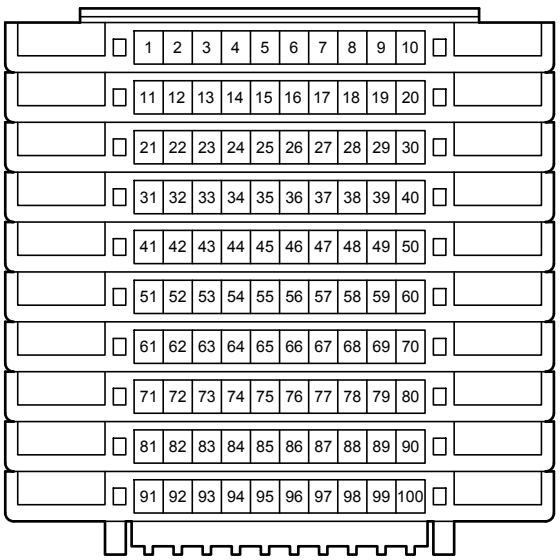
E 59



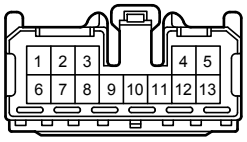
E 60



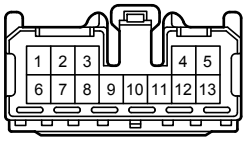
E 61



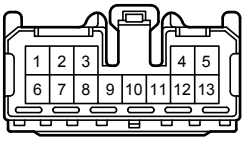
E 62
White



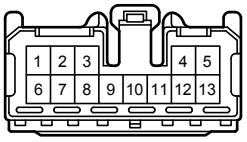
E 66
White



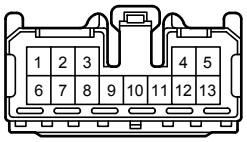
E 67
White



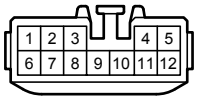
S 15
White



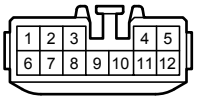
S 16
White



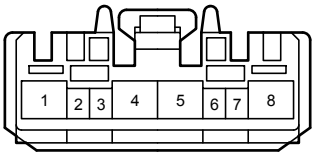
c 12
White



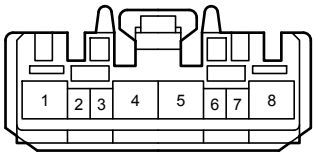
c 23
White



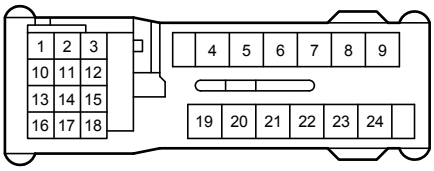
1A
White



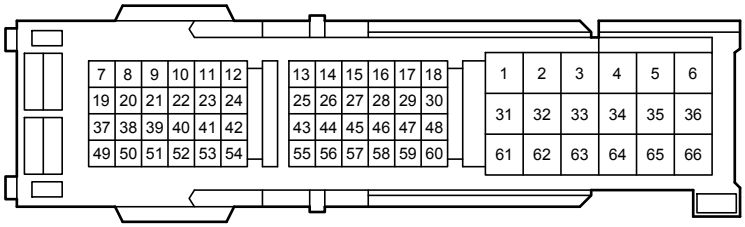
1B
White



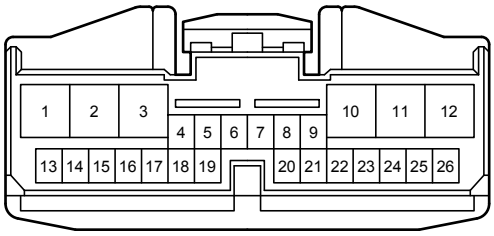
2B
White



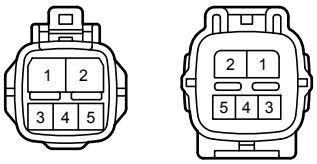
2D
White



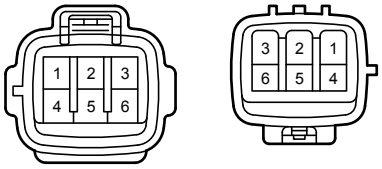
3C
White



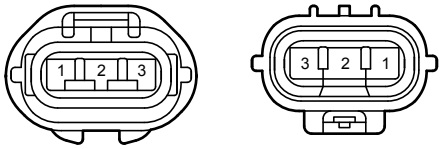
AA1
Gray



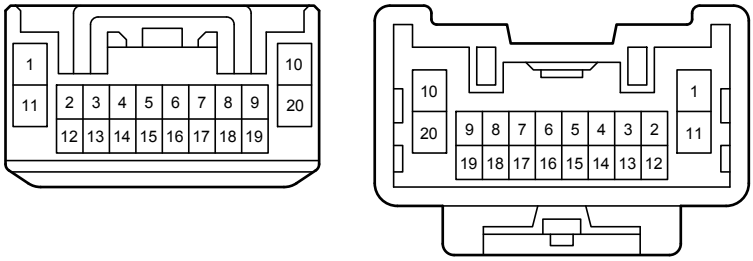
AA3
Gray



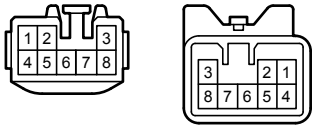
AD2
Black



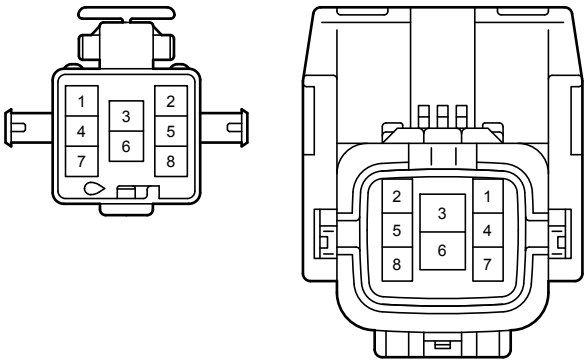
AK1
Blue



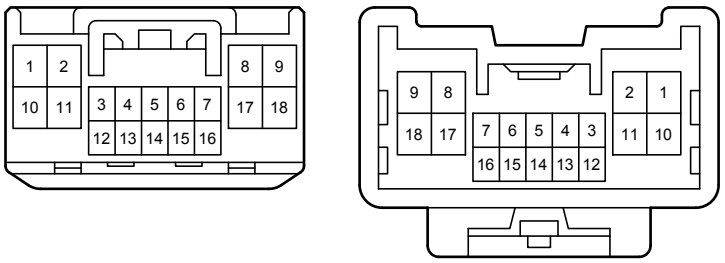
AL1
White



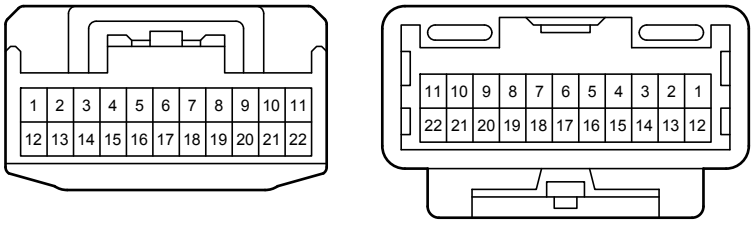
BA1
Black

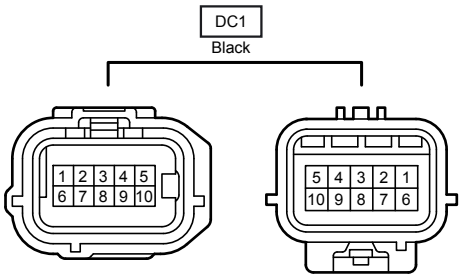


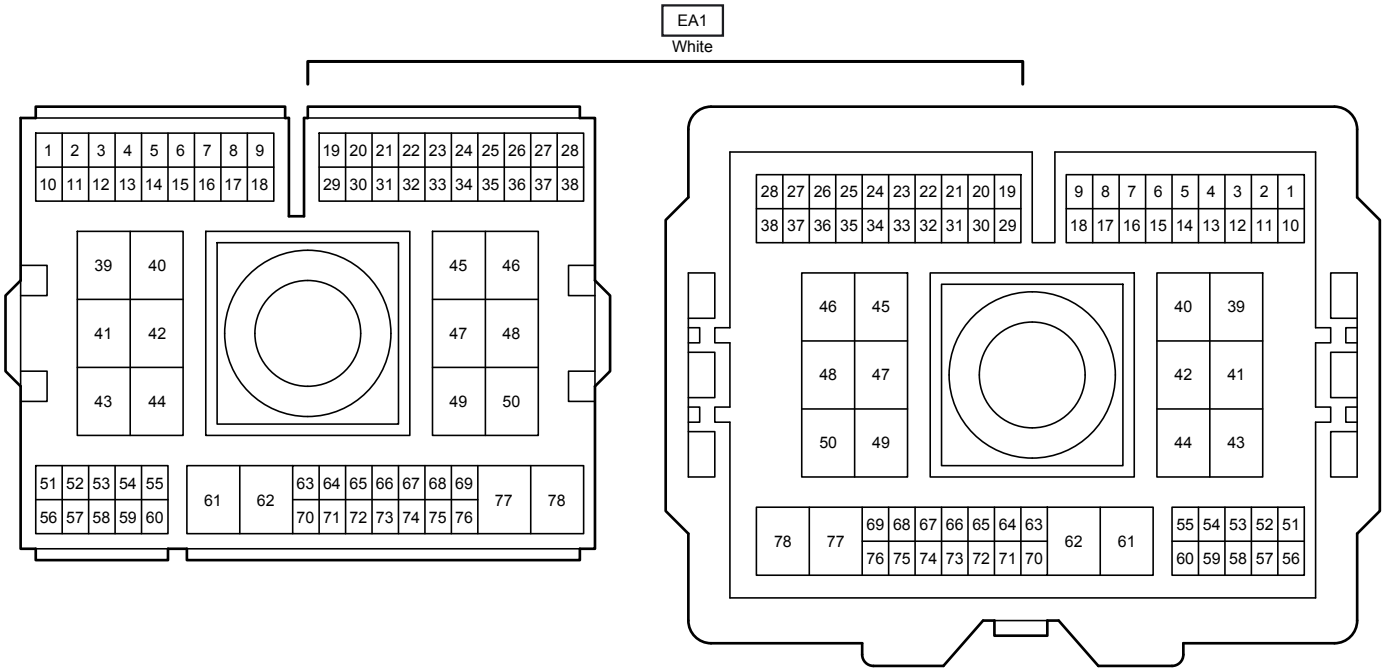
CA1
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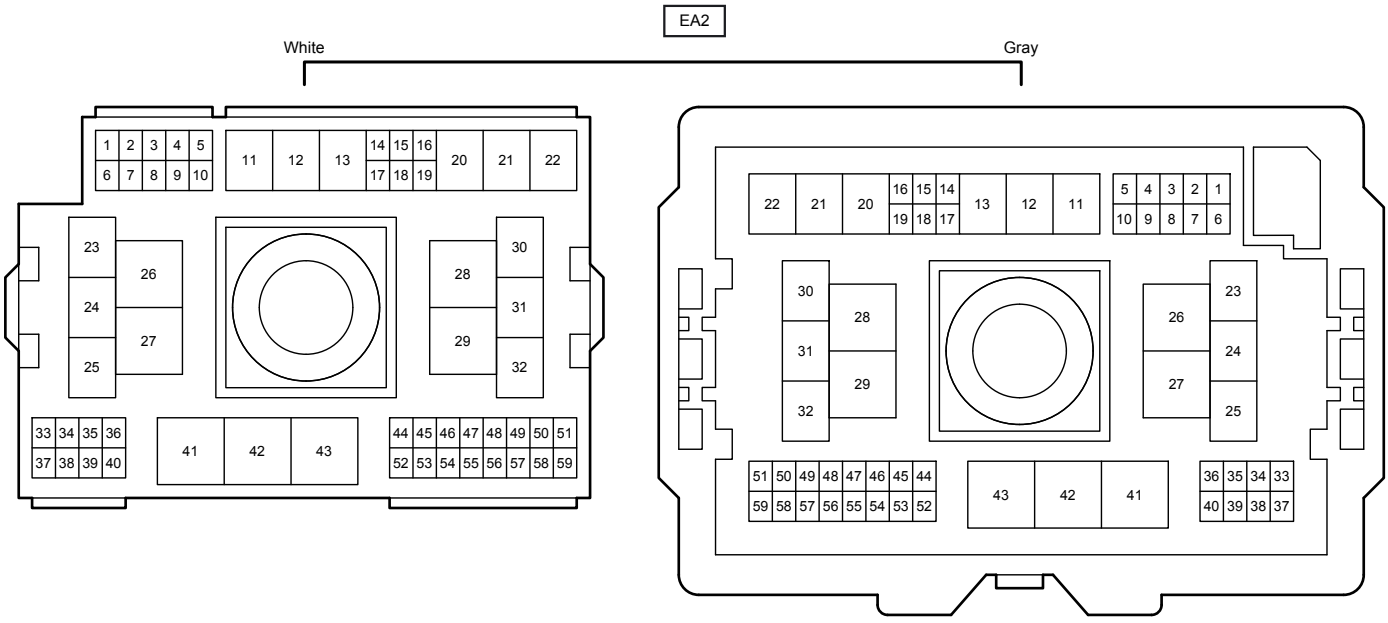


CA4
White



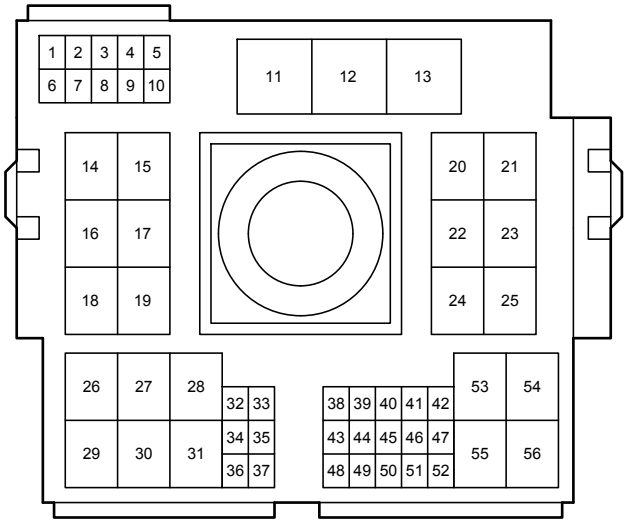

DC1
Black
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6


EA1
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45
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76 75 74 73 72 71 70
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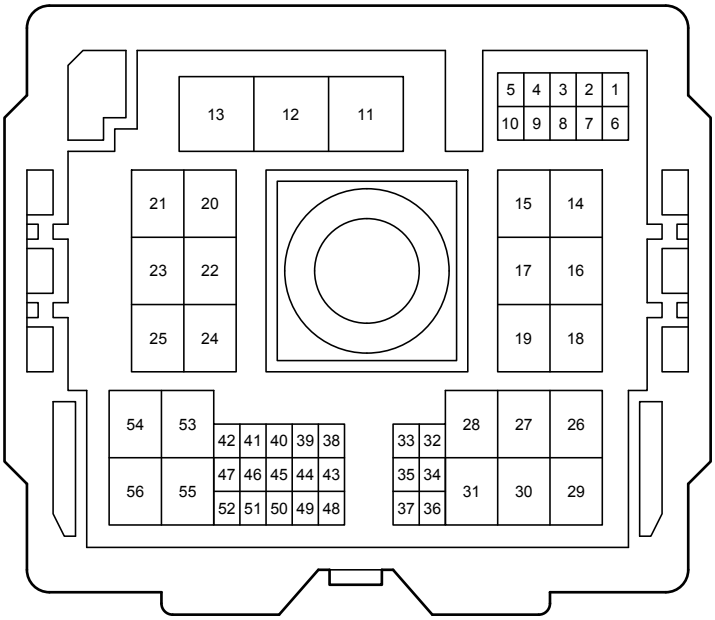

EA2
White
Gray
1 2 3 4 5
6 7 8 9 10
11 12 13
14 15 16
17 18 19
20 21 22
23 24 25
26 27
28 29
30 31 32
33 34 35 36
37 38 39 40
41 42 43
44 45 46 47 48 49 50 51
52 53 54 55 56 57 58 59
22 21 20
16 15 14
19 18 17
13 12 11
5 4 3 2 1
10 9 8 7 6
30 31 32
28 29
26 27
23 24 25
51 50 49 48 47 46 45 44
59 58 57 56 55 54 53 52
43 42 41
36 35 34 33
40 39 38 37

EK1

White

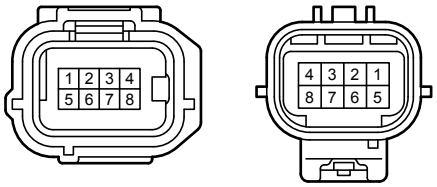


Blue



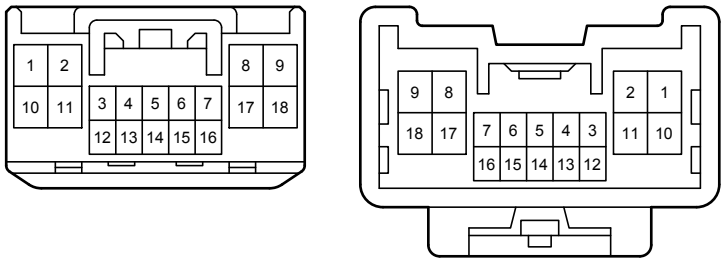
EL2

Gray



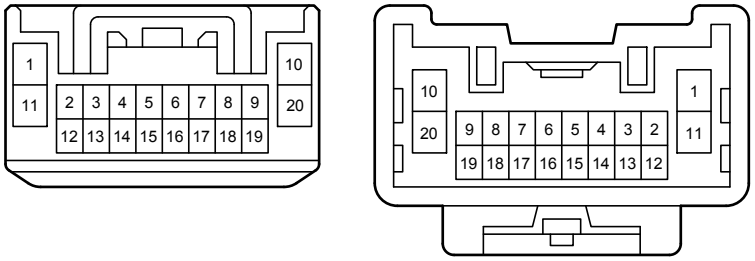
FE1

White



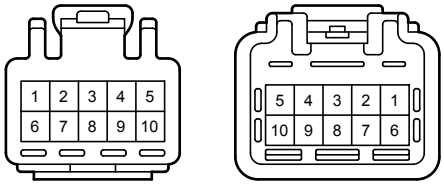
FE4

White



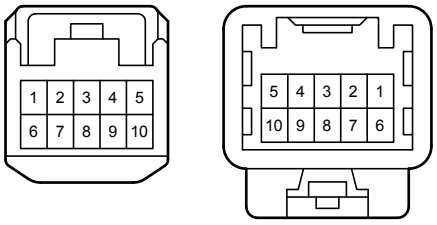
FE5

White



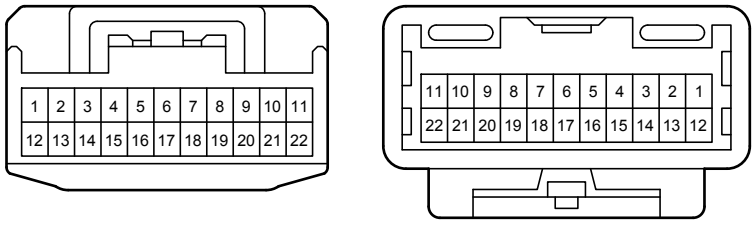
Fg1

Black

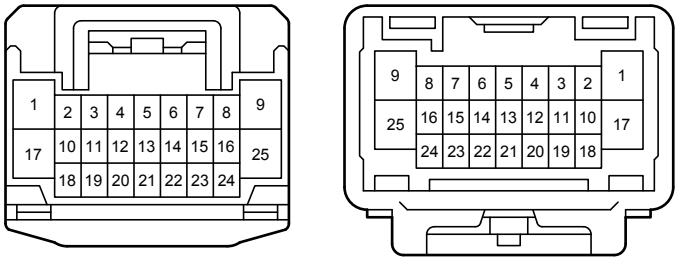


GE1

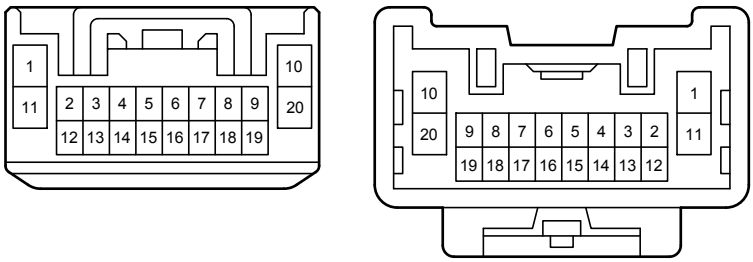
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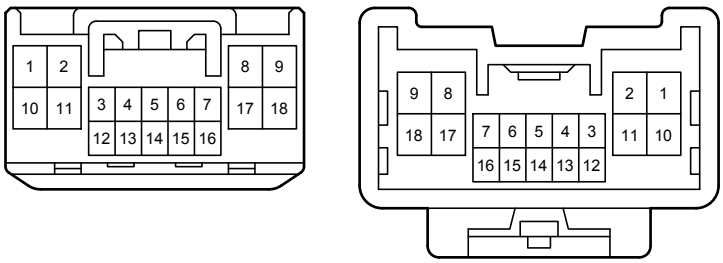
GE2
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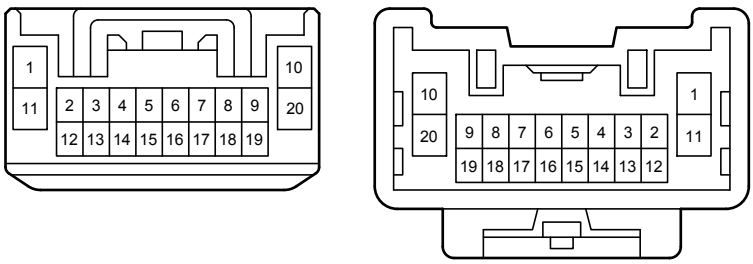
IE2
Blue



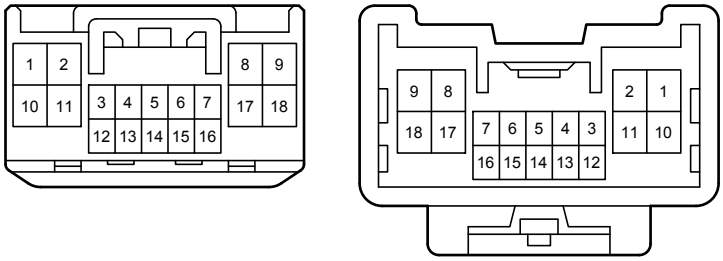
IE3
White



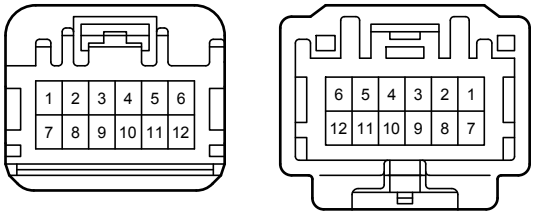
IE5
Blue



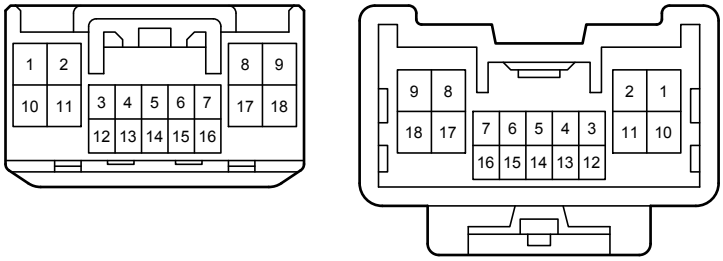
IE6
White



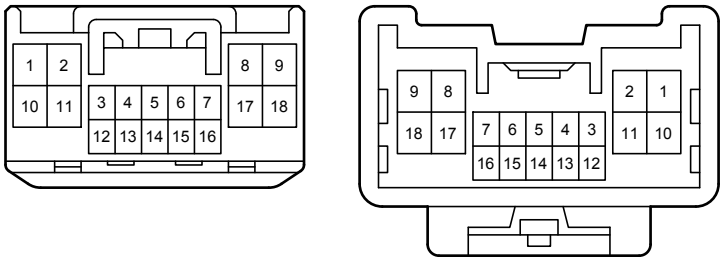
IE8
White



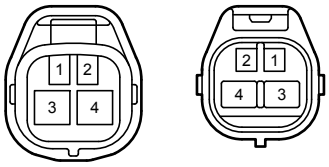
JK1
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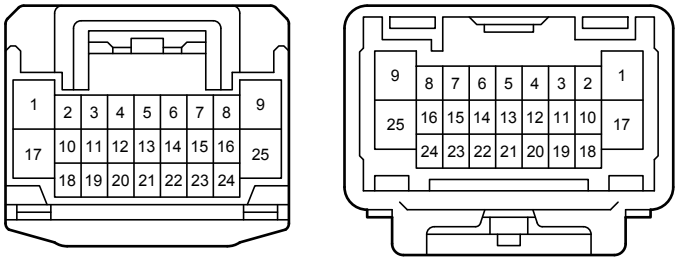
JL1
White



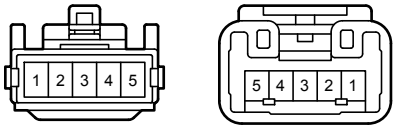
KN1
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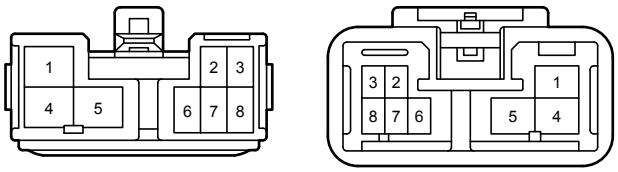
Kc1
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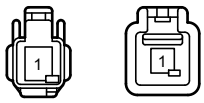
Kd1
White



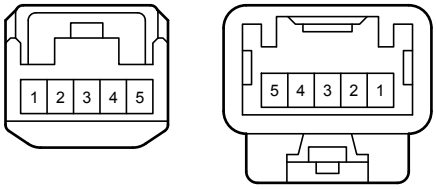
Kz1
Blue



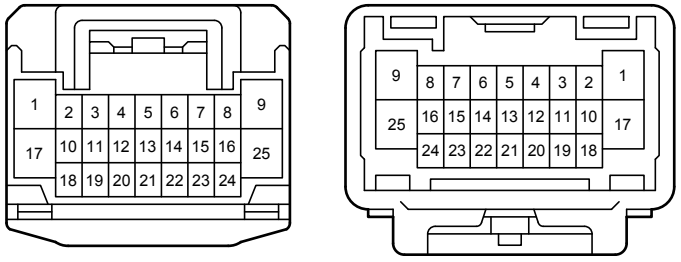
LL1
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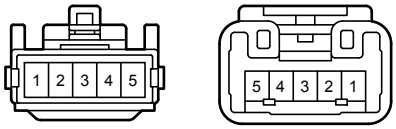
LL3
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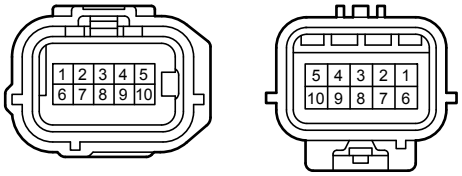
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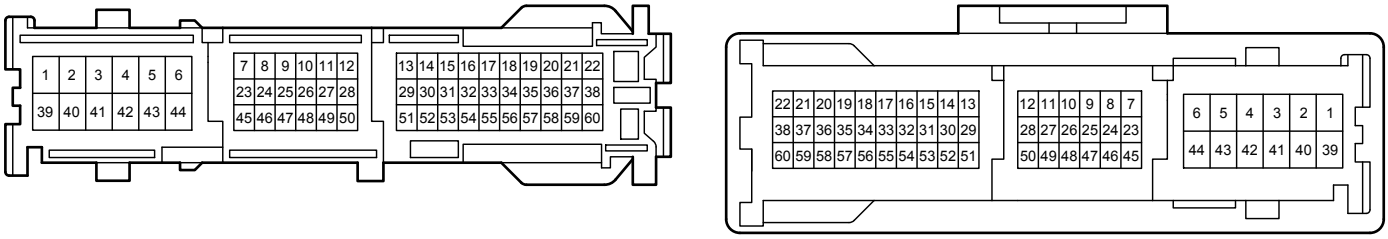
Ld1
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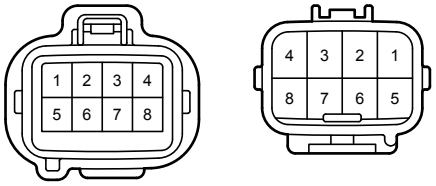
MK1
White



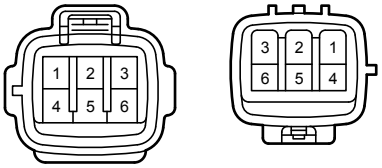
NK1
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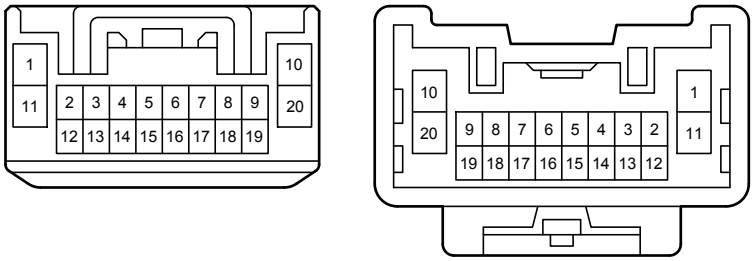
Nf1
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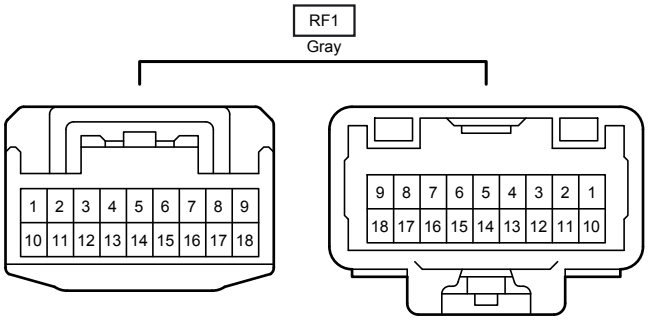
OK1
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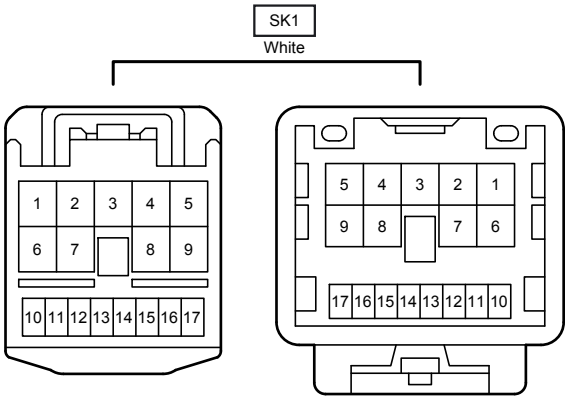
RE2
Blue



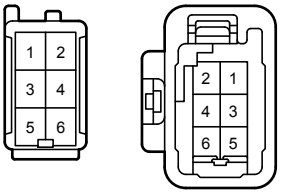
RF1
Gray



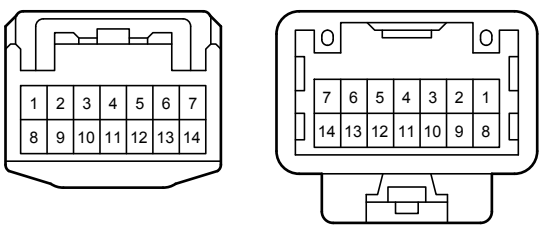
SK1
White



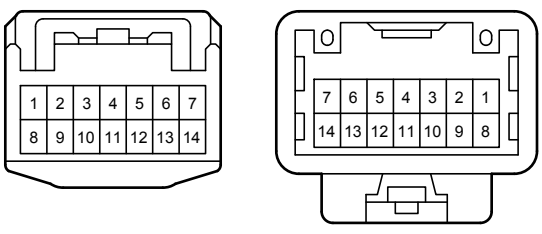
TL1
White

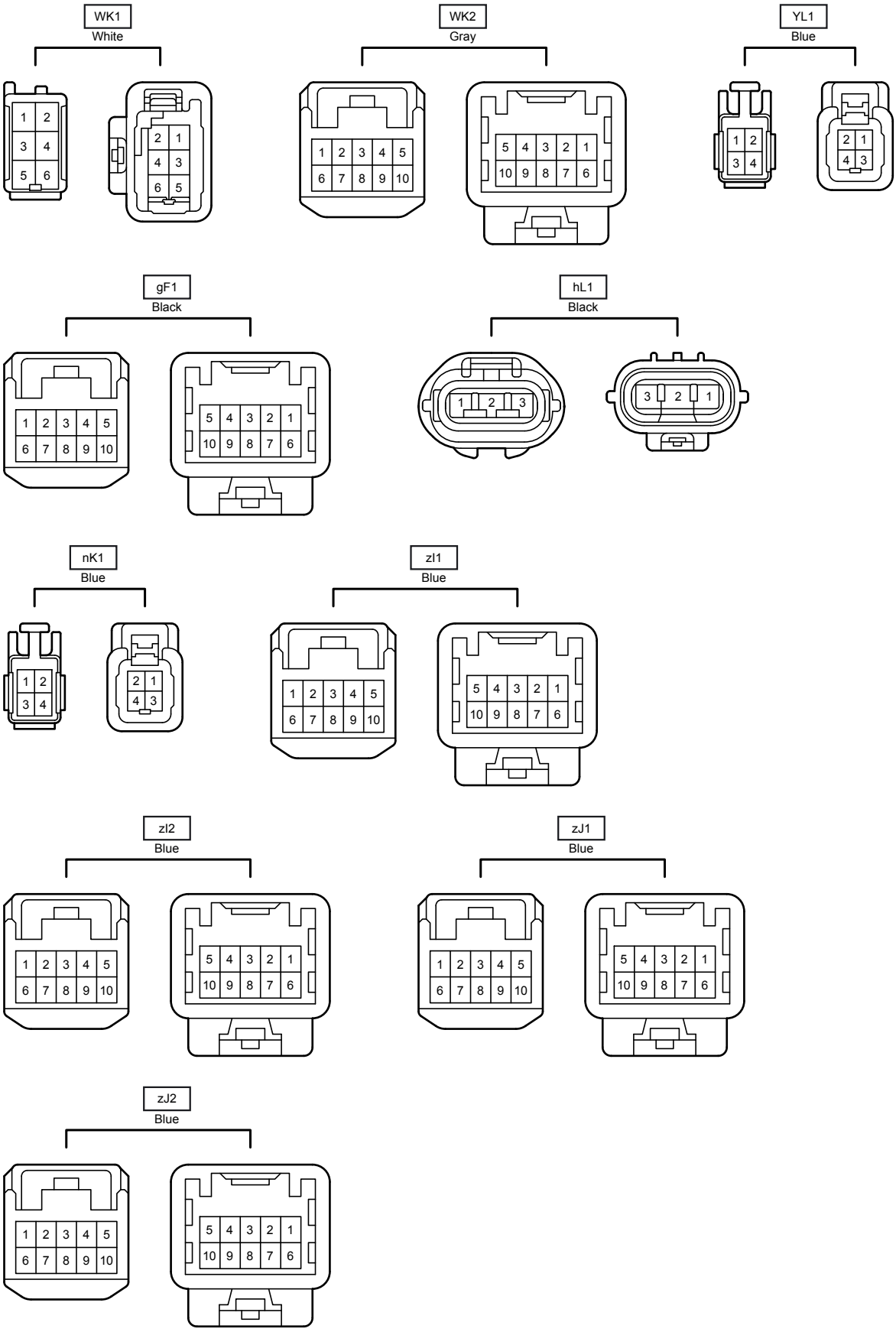


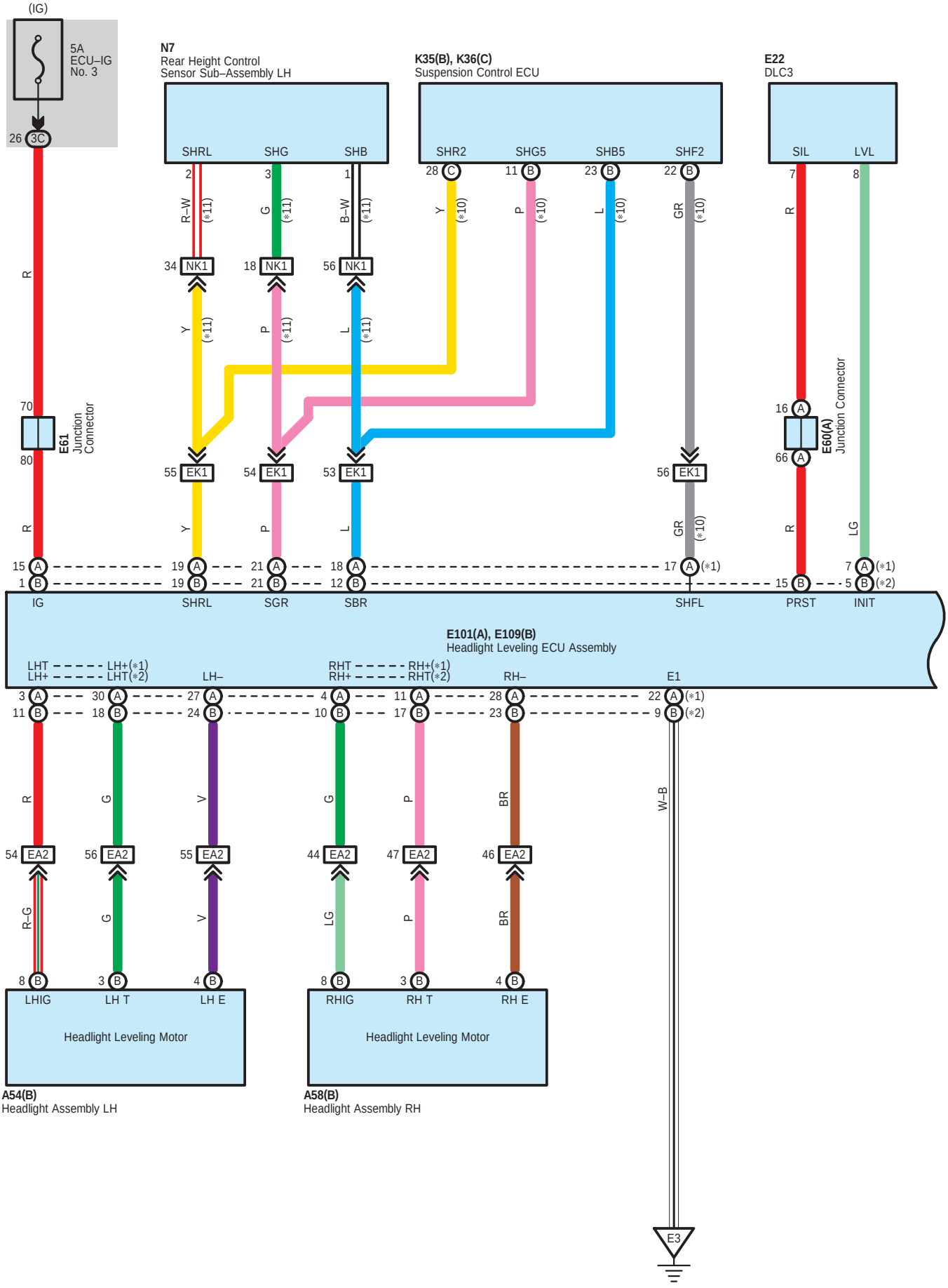
VE1
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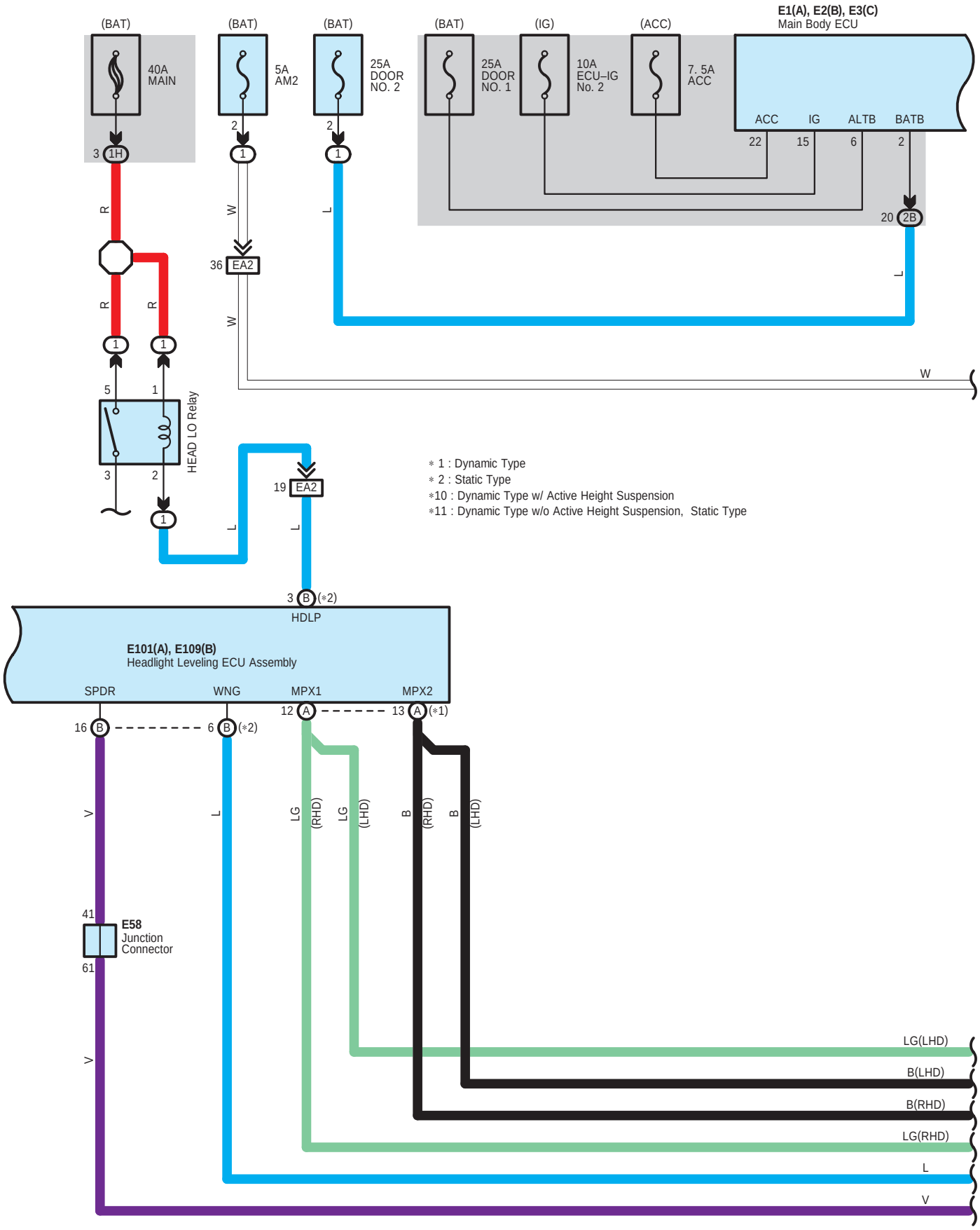


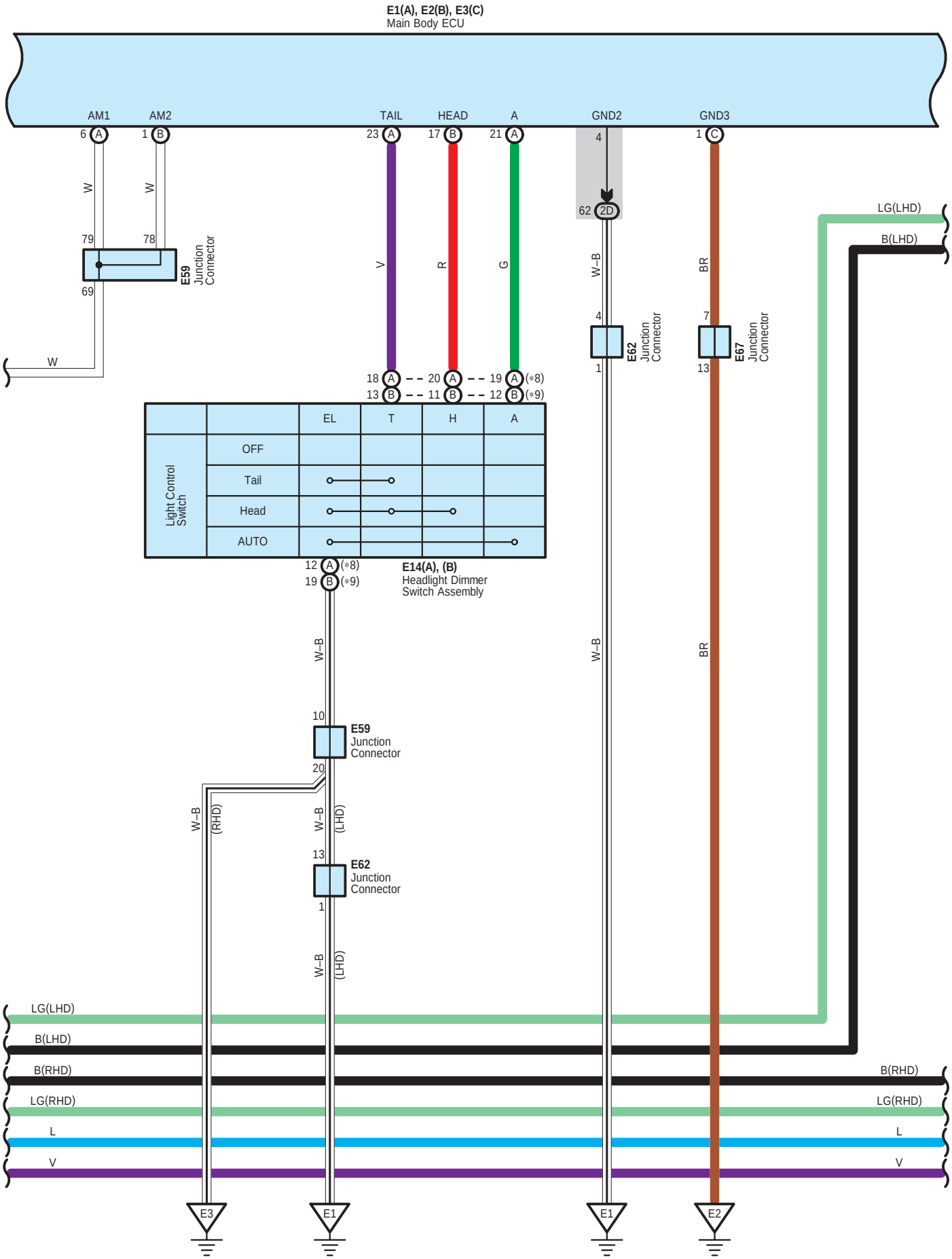
VE3
Gray

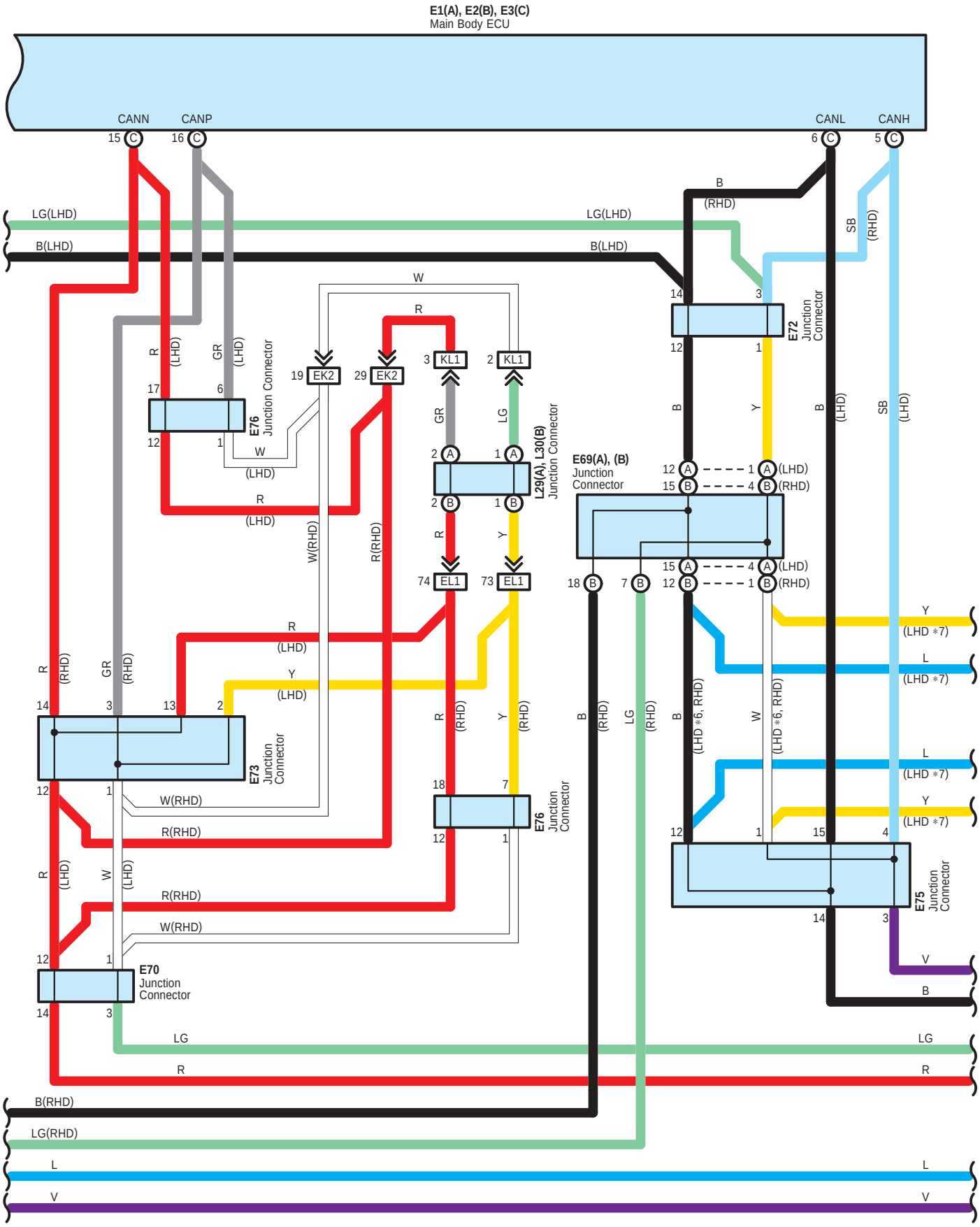



WK1
White
1 2
3 4
5 6
2 1
4 3
6 5
WK2
Gray
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
YL1
Blue
1 2
3 4
2 1
4 3
gF1
Black
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
hL1
Black
1 2 3
3 2 1
nK1
Blue
1 2
3 4
2 1
4 3
zI1
Blue
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
zI2
Blue
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
zJ1
Blue
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
zJ2
Blue
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

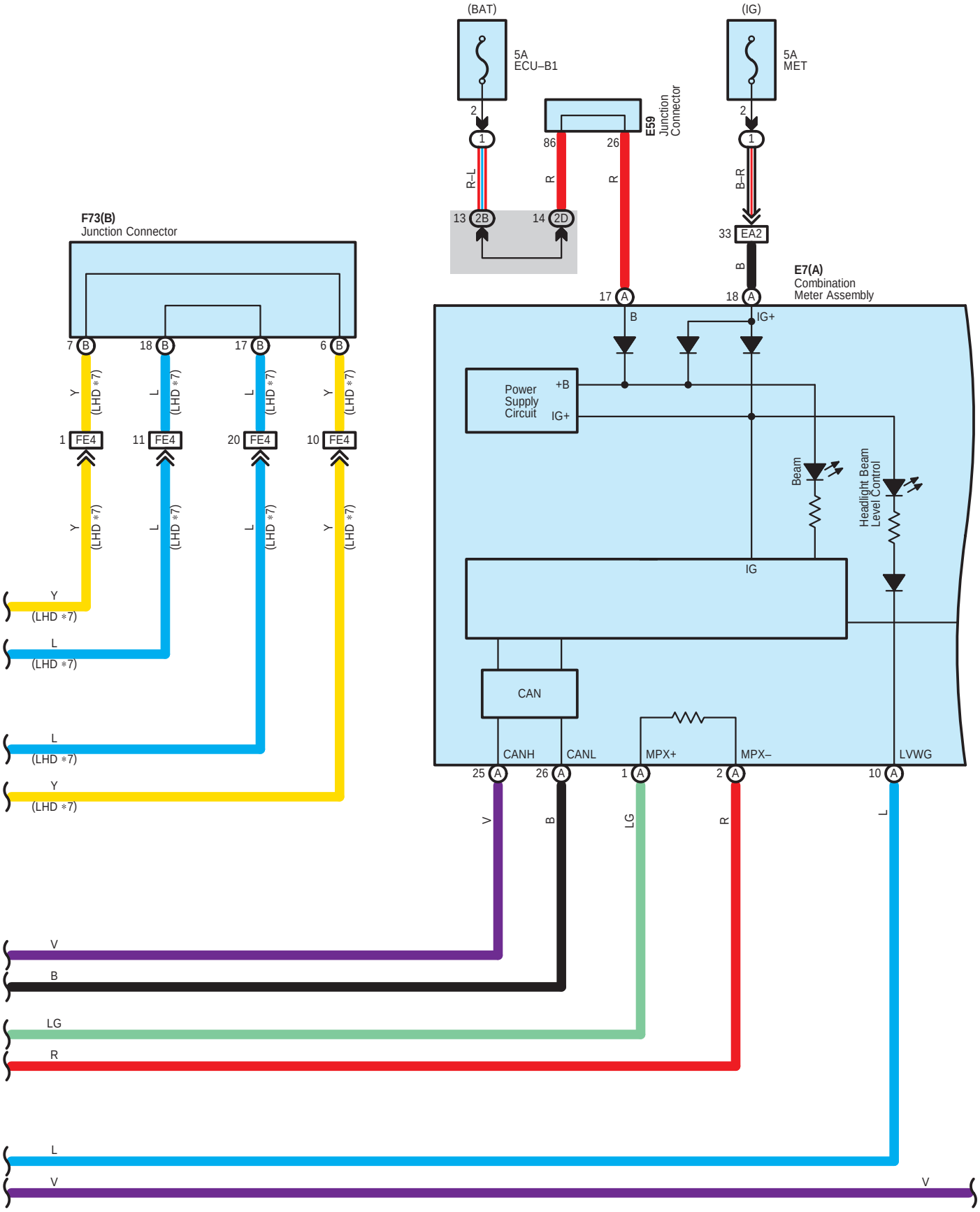

(IG)
5A
ECU–IG
No. 3
26 3C
N7
Rear Height Control
Sensor Sub–Assembly LH
SHRL
SHG
SHB
K35(B), K36(C)
Suspension Control ECU
SHR2
SHG5
SHB5
SHF2
E22
DLC3
SIL
LVL
E61
Junction
Connector
E60(A)
Junction Connector
NK1
EK1
IG
SHRL
SGR
SBR
SHFL
PRST
INIT
E101(A), E109(B)
Headlight Leveling ECU Assembly
LHT
LH+
LH+(*1)
LHT(*2)
LH–
RHT
RH+
RH+(*1)
RHT(*2)
RH–
E1
EA2
LHIG
LH T
LH E
RHIG
RH T
RH E
Headlight Leveling Motor
Headlight Leveling Motor
E3
A54(B)
Headlight Assembly LH
A58(B)
Headlight Assembly RH


(BAT)
40A
MAIN
3 1H
R
R
R
1
1
5
1
3
2
HEAD LO Relay
1
(BAT)
5A
AM2
2
1
W
36 EA2
W
(BAT)
25A
DOOR
NO. 2
2
1
L
L
(BAT)
25A
DOOR
NO. 1
(IG)
10A
ECU–IG
No. 2
(ACC)
7. 5A
ACC
E1(A), E2(B), E3(C)
Main Body ECU
ACC
IG
ALTB
BATB
22
15
6
2
20 2B
L
W
19 EA2
L
L
3 B (*2)
HDLP
E101(A), E109(B)
Headlight Leveling ECU Assembly
SPDR
WNG
MPX1
MPX2
16 B
6 B (*2)
12 A
13 A (*1)
V
L
LG
(RHD)
LG
(LHD)
B
(RHD)
B
(LHD)
41
E58
Junction
Connector
61
V
LG(LHD)
B(LHD)
B(RHD)
LG(RHD)
L
V
* 1 : Dynamic Type
* 2 : Static Type
*10 : Dynamic Type w/ Active Height Suspension
*11 : Dynamic Type w/o Active Height Suspension, Static Type

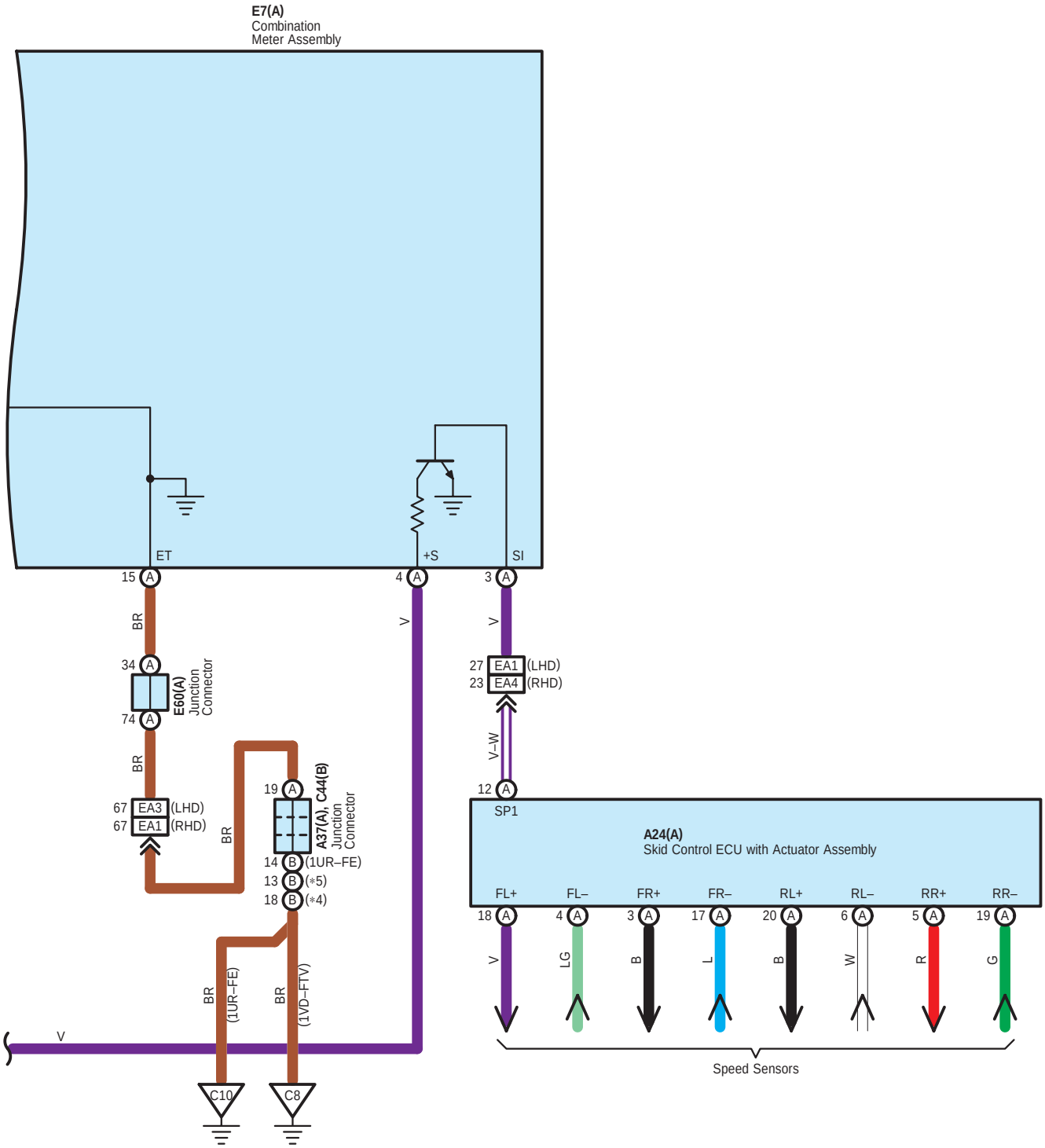

E1(A), E2(B), E3(C)
Main Body ECU
AM1
AM2
TAIL
HEAD
A
GND2
GND3
6 A
1 B
23 A
17 B
21 A
4
1 C
62 2D
W
W
V
R
G
W–B
BR
79
78
69
E59
Junction
Connector
W
LG(LHD)
B(LHD)
4
1
E62
Junction
Connector
7
13
E67
Junction
Connector
18 A
13 B
20 A
11 B
19 A (*8)
12 B (*9)
EL
T
H
A
Light Control
Switch
OFF
Tail
Head
AUTO
12 A (*8)
19 B (*9)
E14(A), (B)
Headlight Dimmer
Switch Assembly
W–B
W–B
BR
10
E59
Junction
Connector
20
W–B
(RHD)
W–B
(LHD)
13
E62
Junction
Connector
1
W–B
(LHD)
LG(LHD)
B(LHD)
B(RHD)
LG(RHD)
L
V
B(RHD)
LG(RHD)
L
V
E3
E1
E1
E2



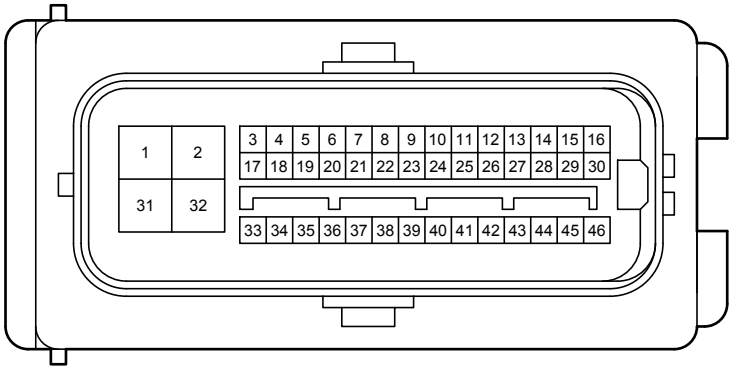
∗ 6 : w/ VSC
∗ 7 : w/o VSC
∗ 8 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
∗ 9 : RHD Headlight Dimmer Switch Assembly RH Side Type


(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction
Connector
R–L
R
R
B–R
F73(B)
Junction Connector
E7(A)
Combination
Meter Assembly
B
IG+
Power
Supply
Circuit
+B
IG+
Beam
Headlight Beam
Level Control
IG
CAN
CANH
CANL
MPX+
MPX–
LVWG
Y
(LHD *7)
L
(LHD *7)
V
B
LG
R
L
V

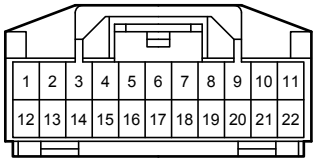
∗ 4 : 1VD–FTV w/ DPF
∗ 5 : 1VD–FTV w/o DPF
∗ 7 : w/o VSC



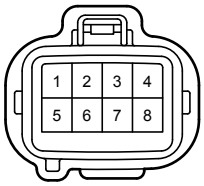
A 24
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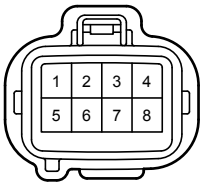
A 37
Blue



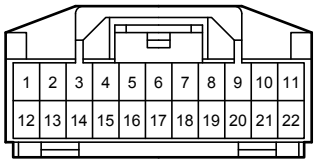
A 54
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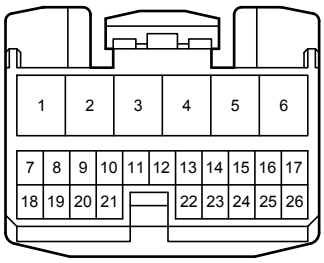
A 58
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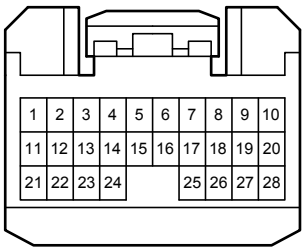
C 44
Blue



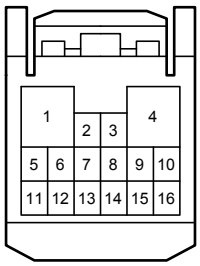
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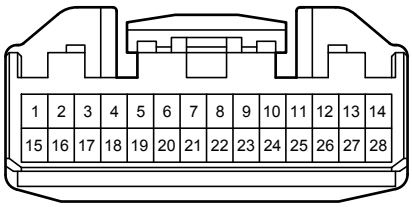
E 2
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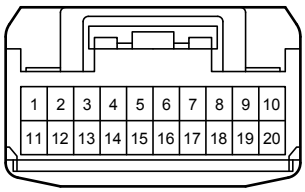
E 3
White



E 7
White

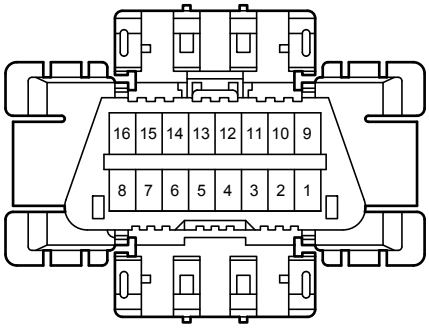


E 14
White

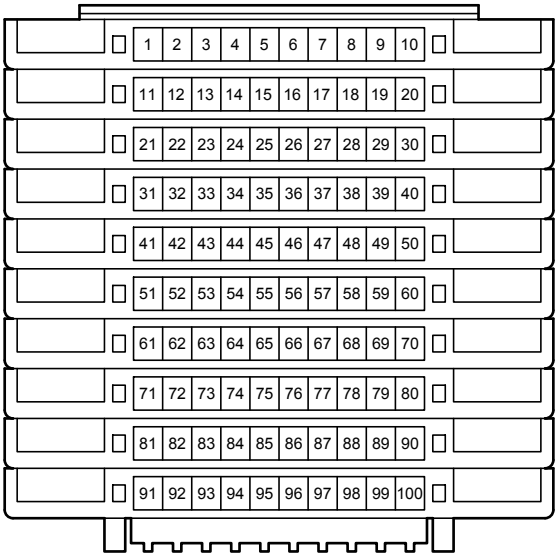


E 22

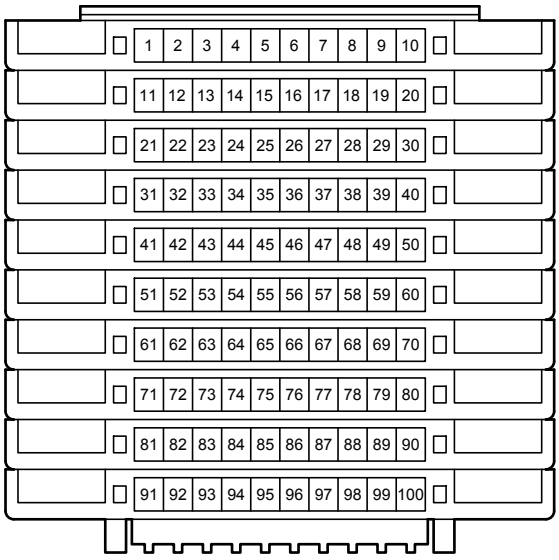
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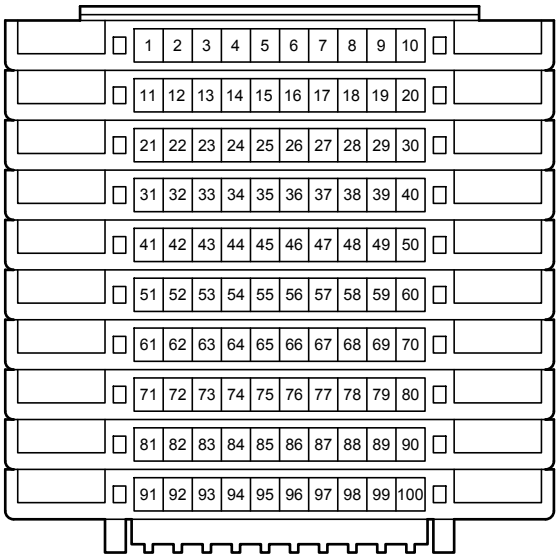
E 58



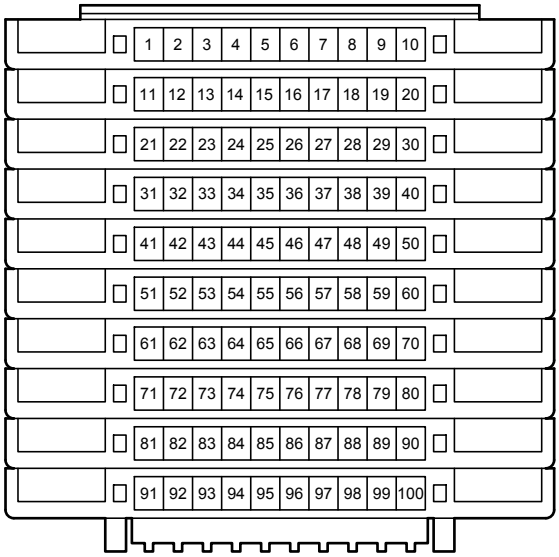
E 59



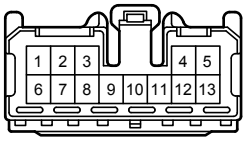
E 60



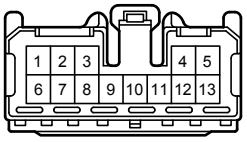
E 61



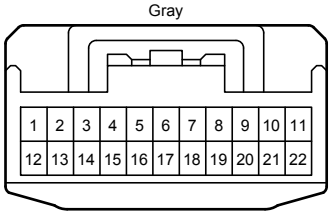
E 62
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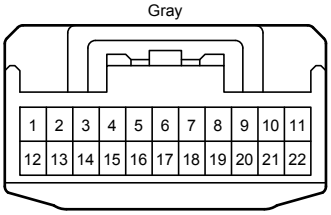
E 67
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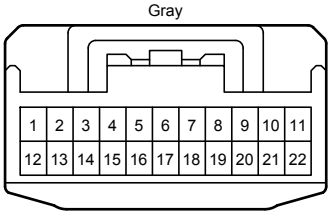
E 69
Gray



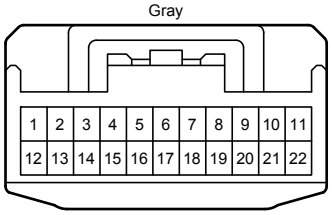
E 70
Gray



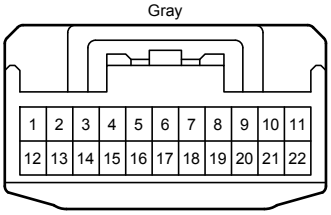
E 72
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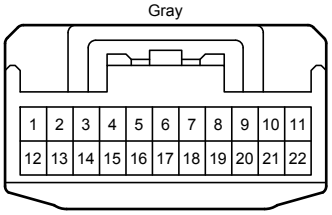
E 73
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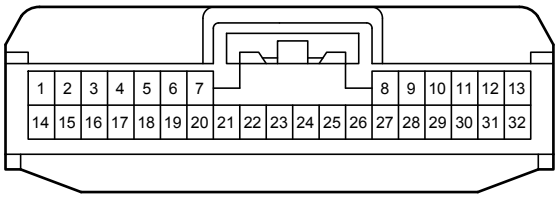
E 75
Gray



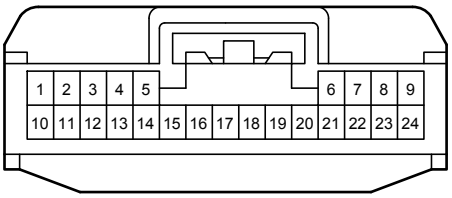
E 76
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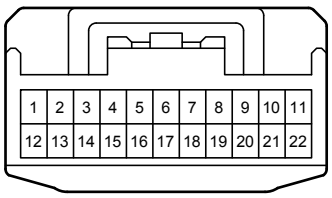
E101
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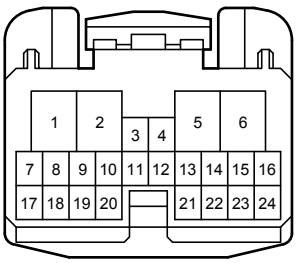
E109
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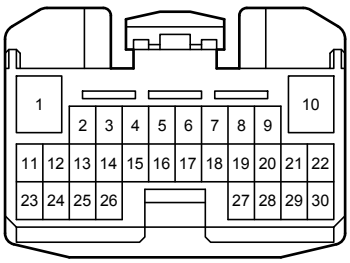
F 73
Blue

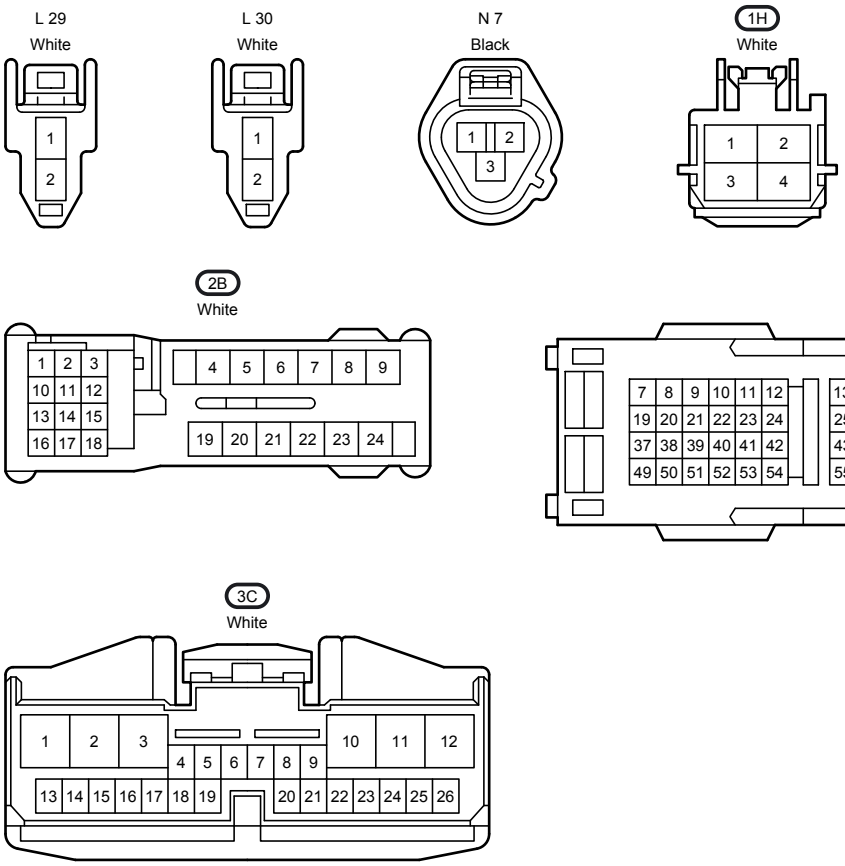


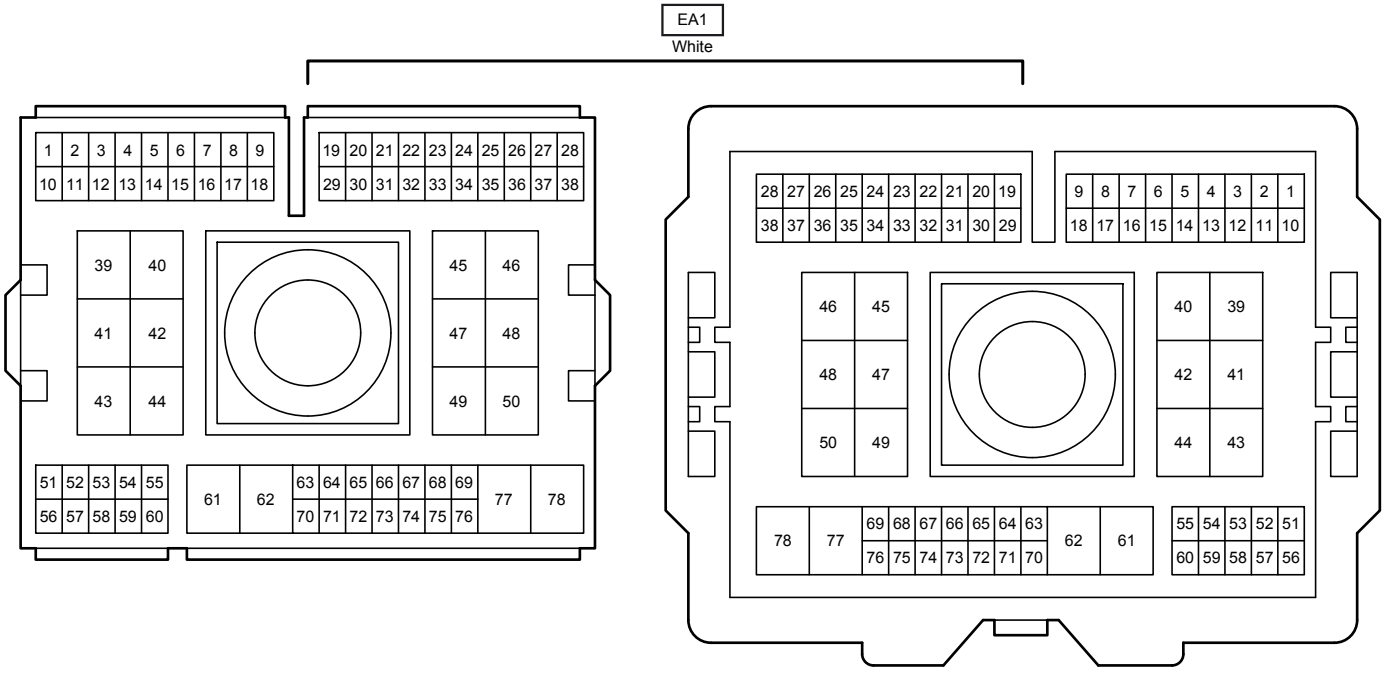
K 35
Black



K 36
Black

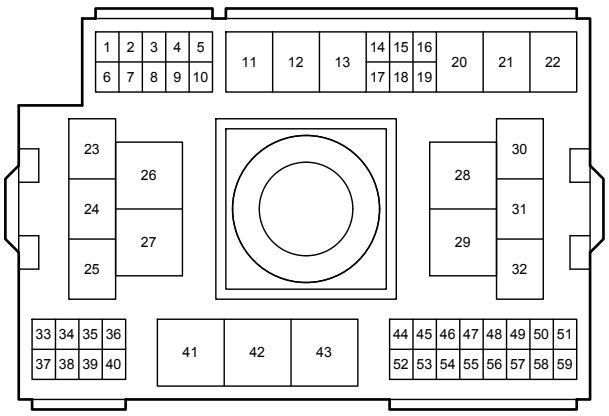



L 29
White
1
2
L 30
White
1
2
N 7
Black
1
2
3
1H
White
1
2
3
4
2B
White
1 2 3
10 11 12
13 14 15
16 17 18
4 5 6 7 8 9
19 20 21 22 23 24
2D
White
7 8 9 10 11 12
19 20 21 22 23 24
37 38 39 40 41 42
49 50 51 52 53 54
13 14 15 16 17 18
25 26 27 28 29 30
43 44 45 46 47 48
55 56 57 58 59 60
1 2 3 4 5 6
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3C
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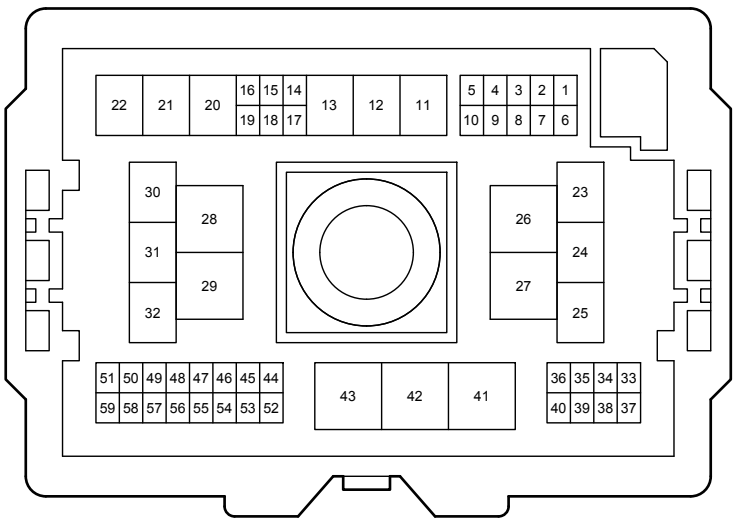

EA1
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49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
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38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
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48 47
50 49
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62
61
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60 59 58 57 56

EA2

White

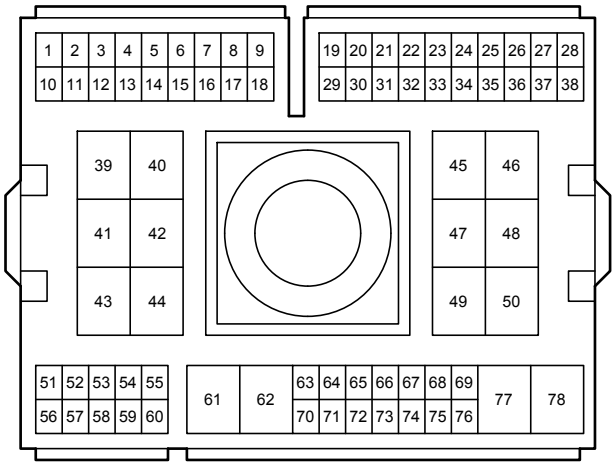


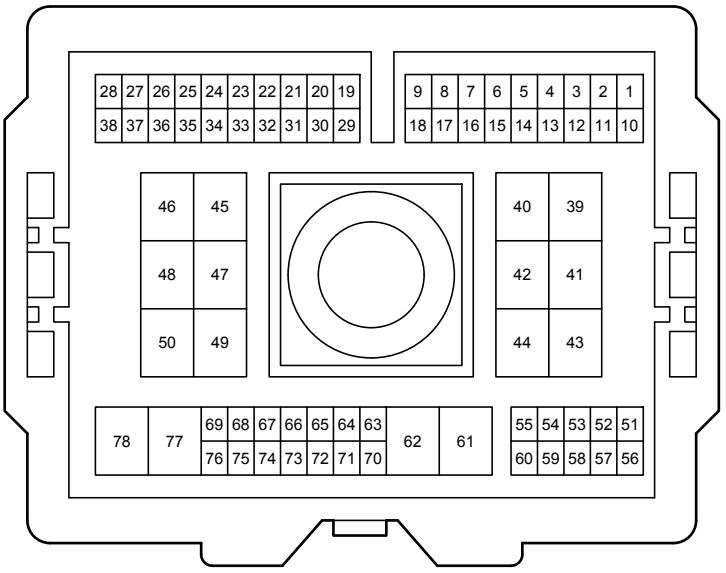
Gray



EA3

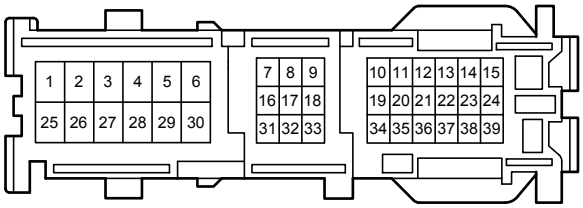
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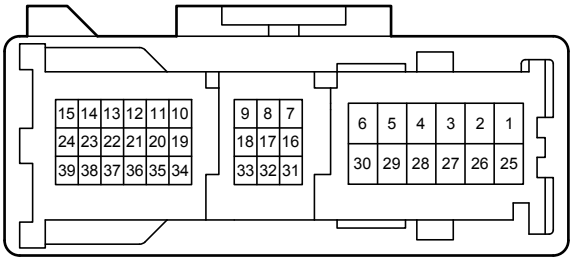




EA4

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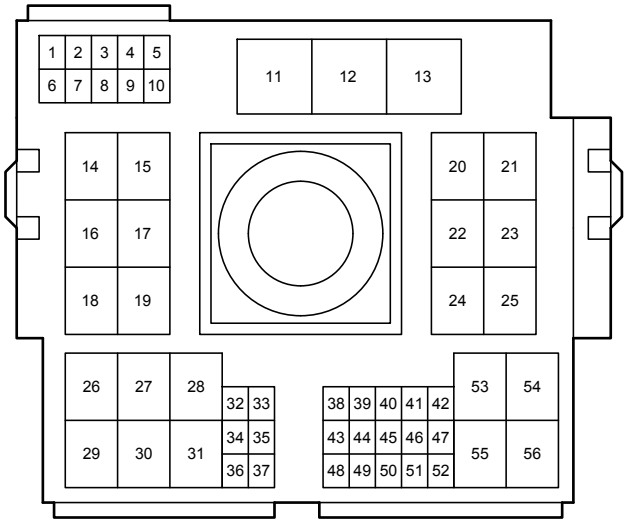


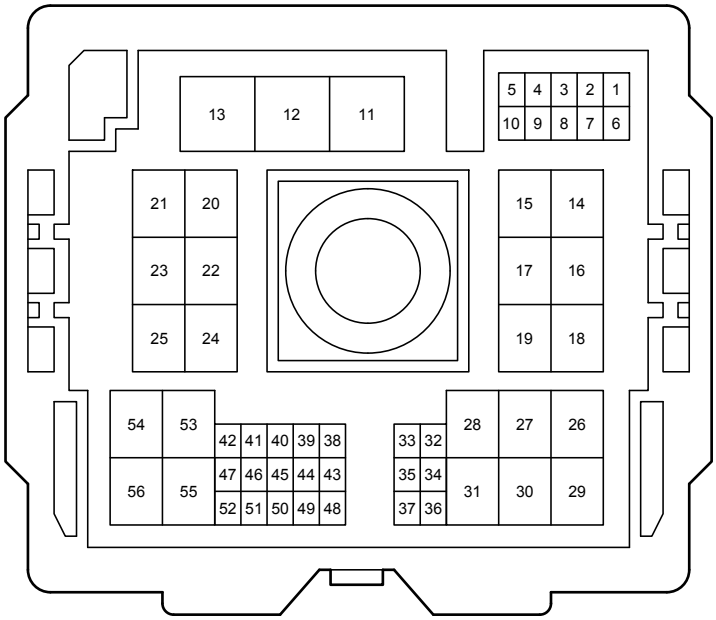


EK1

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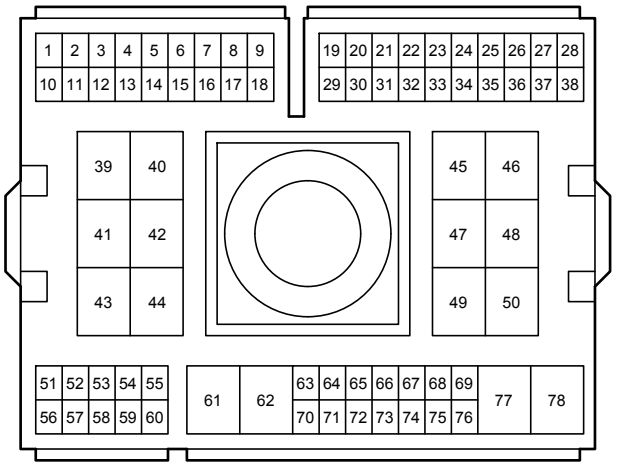
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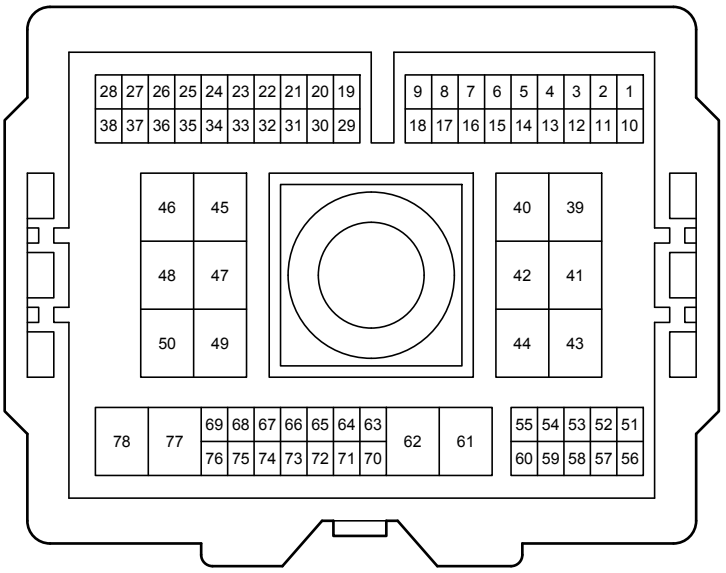




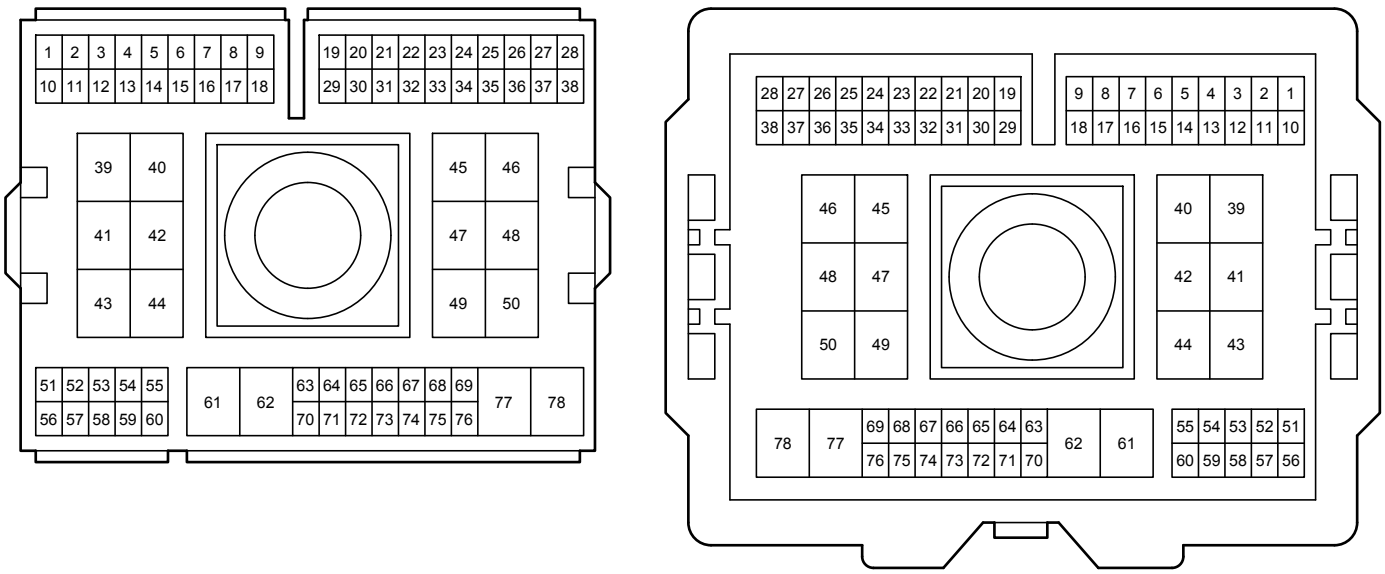
EK2

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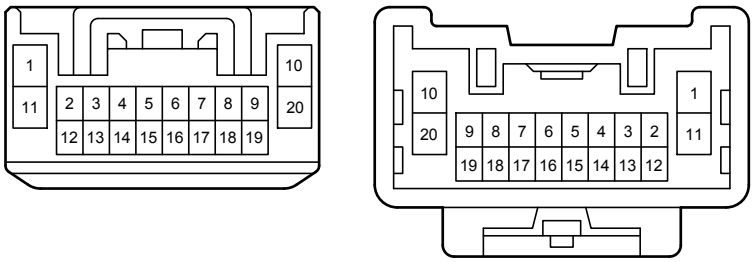




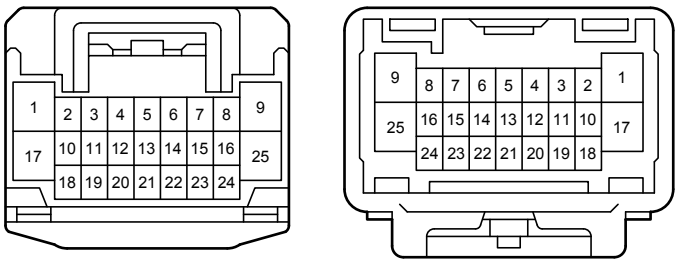
EL1
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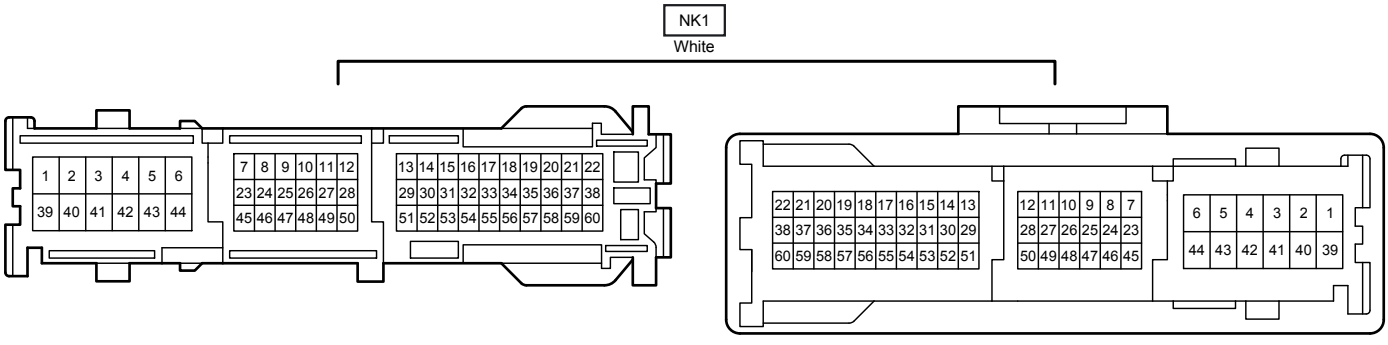
FE4
White

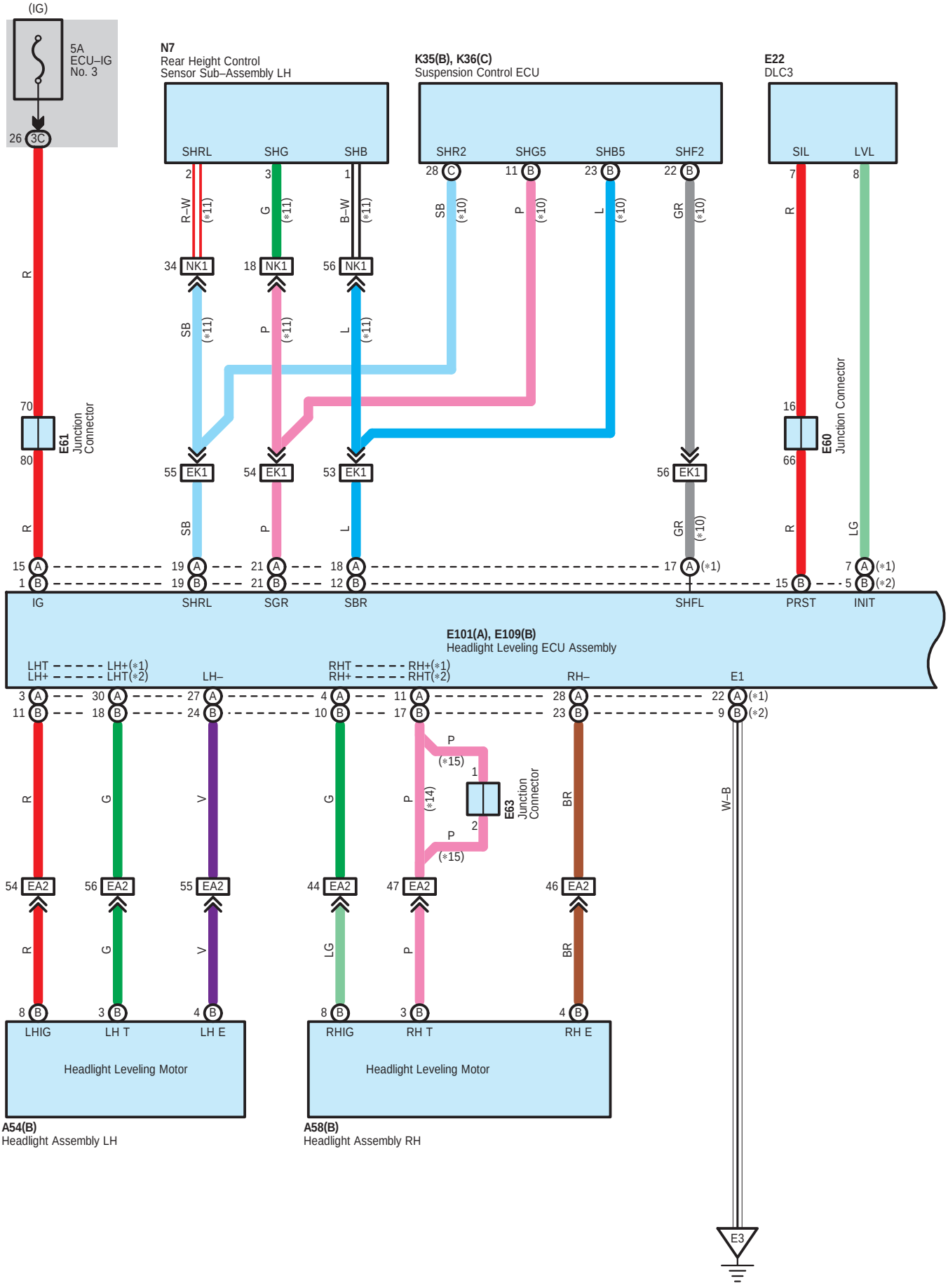


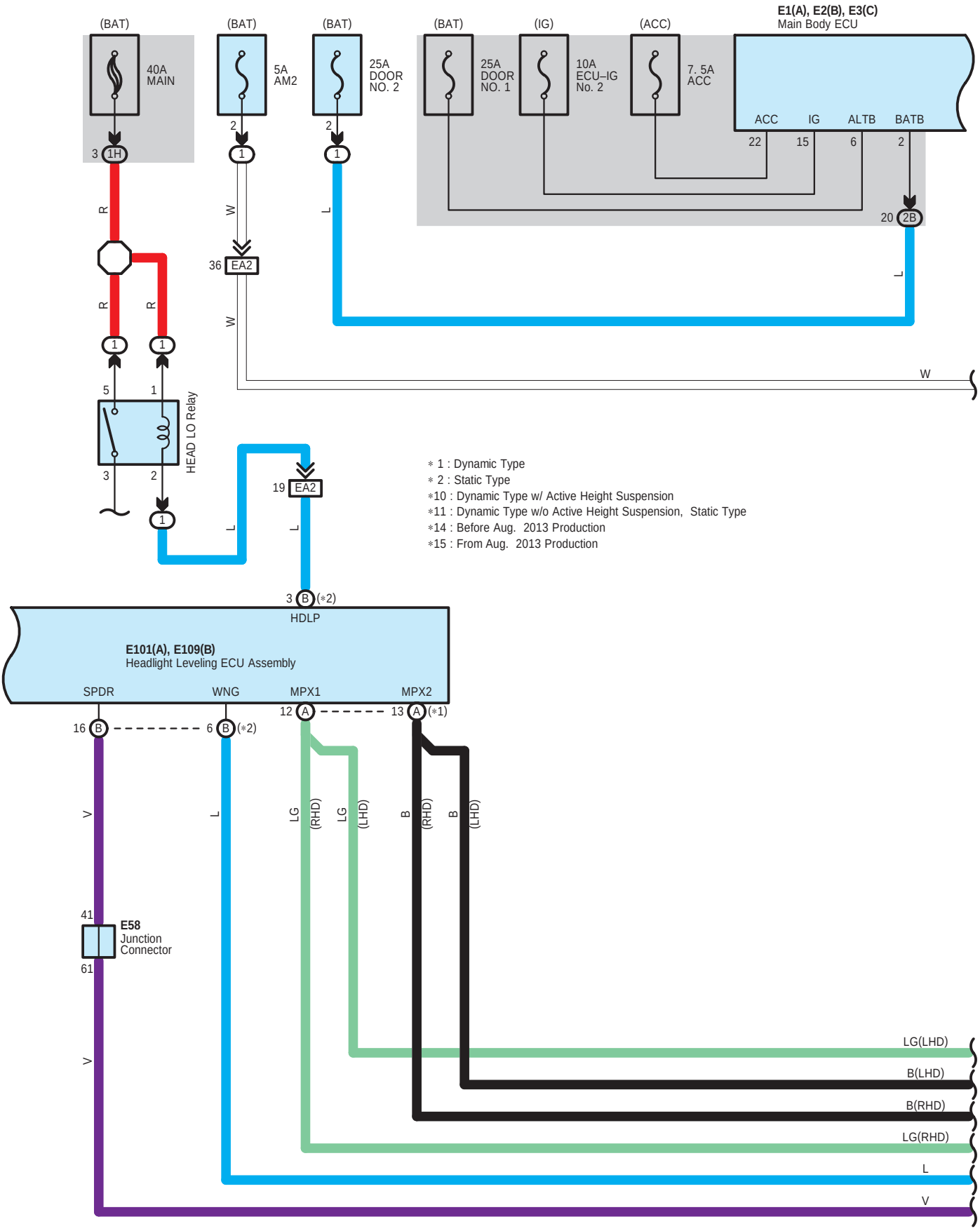
KL1
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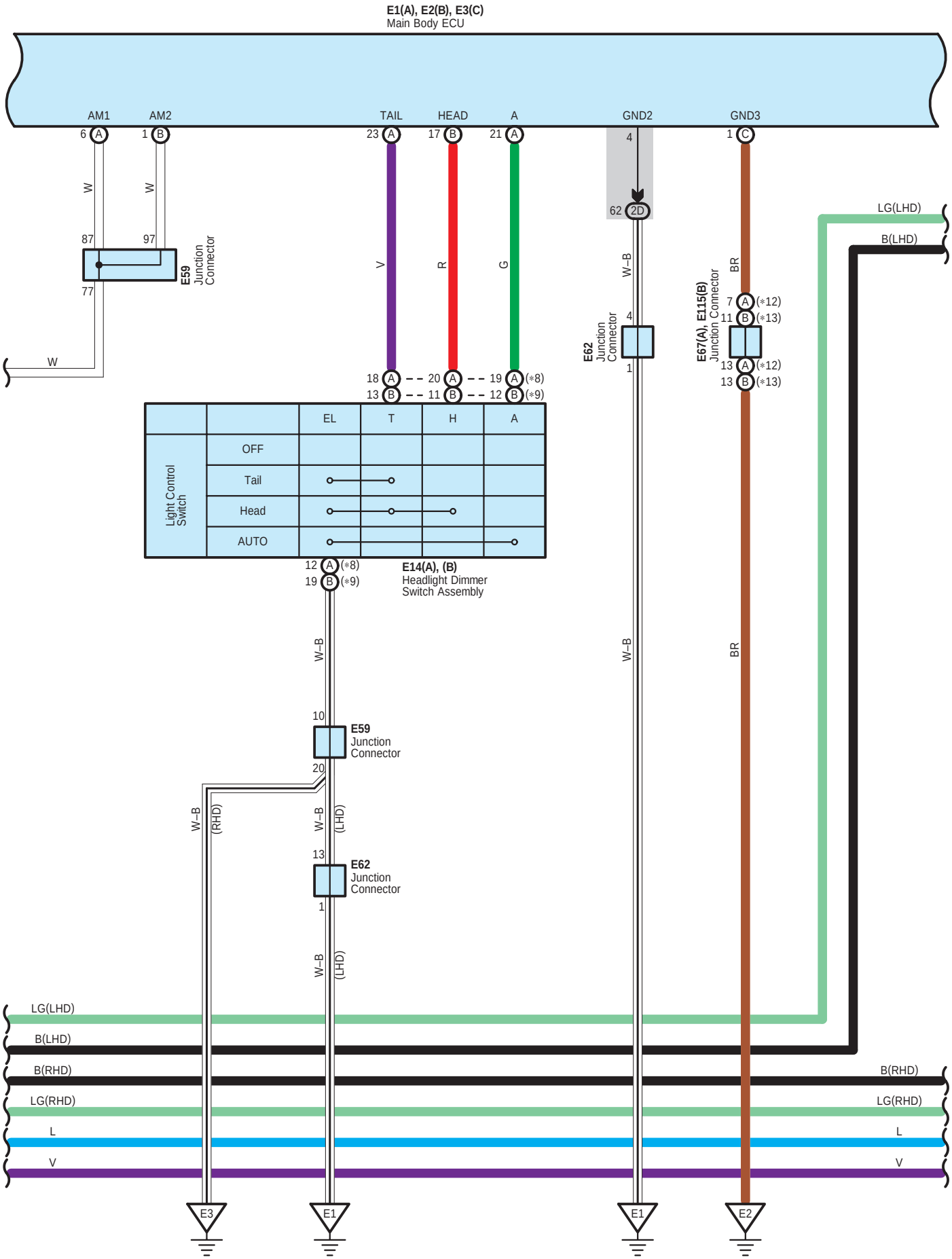


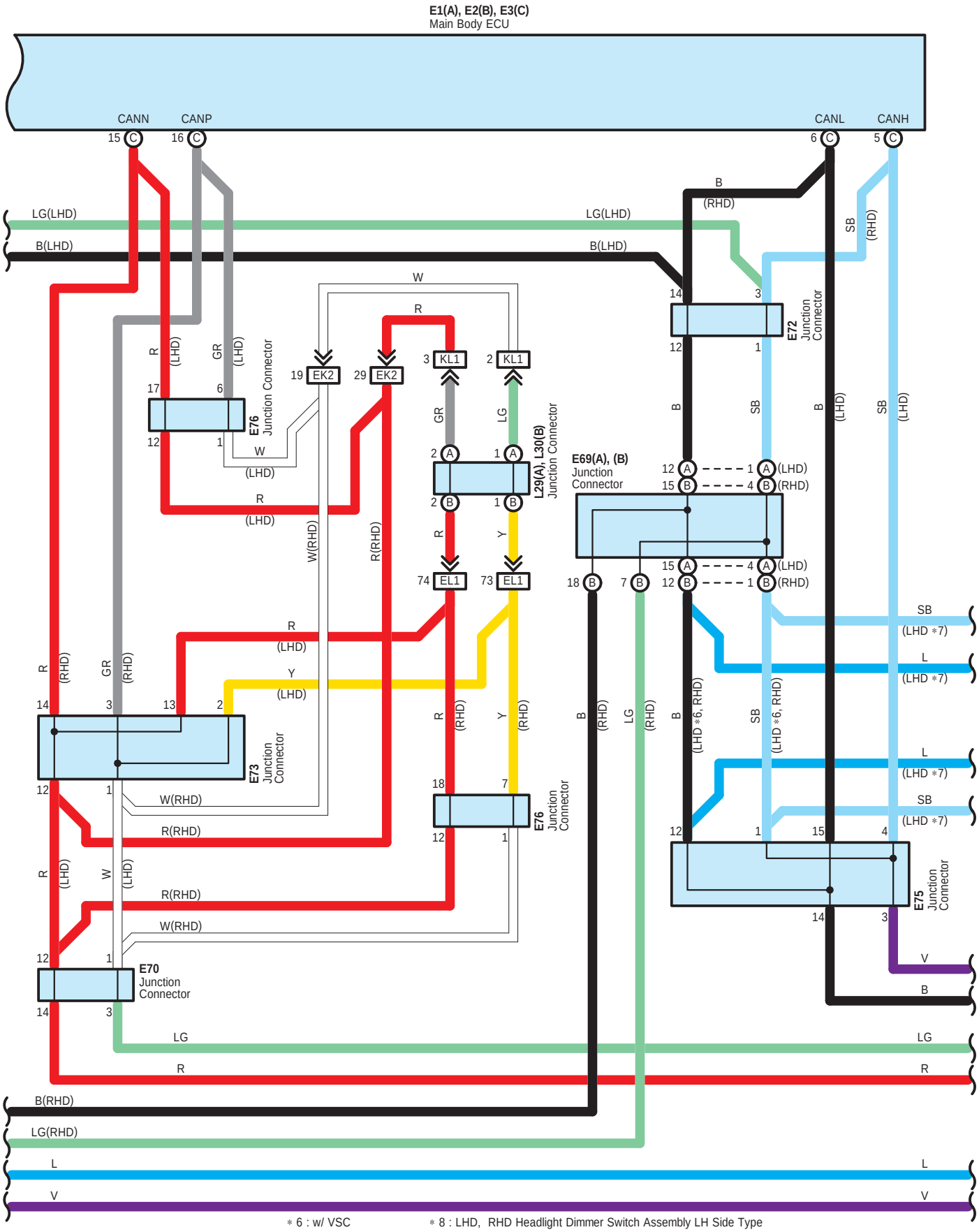
NK1
White

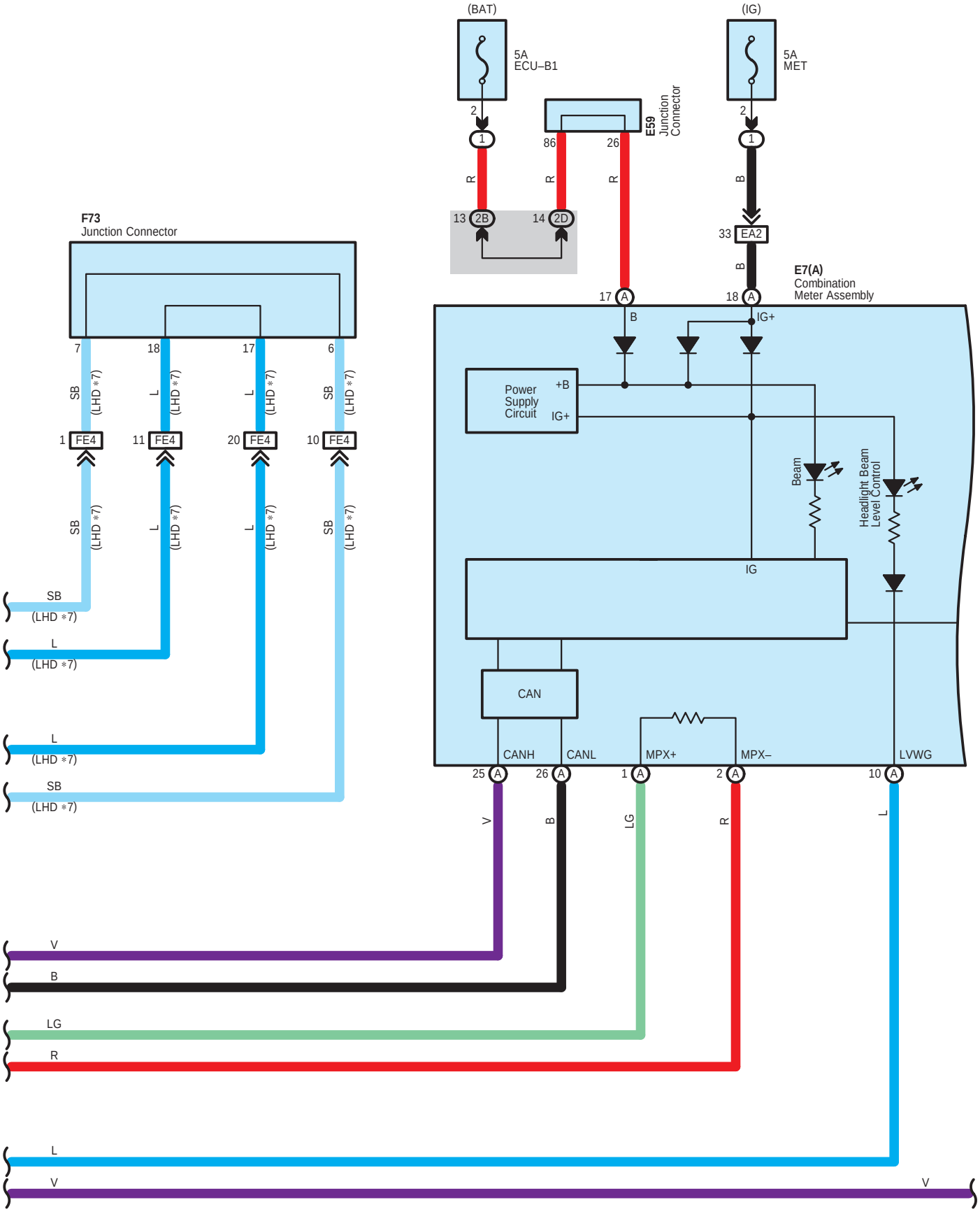



(IG)
5A
ECU–IG
No. 3
26 3C
N7
Rear Height Control
Sensor Sub–Assembly LH
SHRL
SHG
SHB
K35(B), K36(C)
Suspension Control ECU
SHR2
SHG5
SHB5
SHF2
E22
DLC3
SIL
LVL
R–W (*11)
G (*11)
B–W (*11)
SB (*10)
P (*10)
L (*10)
GR (*10)
R
34 NK1
18 NK1
56 NK1
SB (*11)
P (*11)
L (*11)
70
80
E61
Junction
Connector
55 EK1
54 EK1
53 EK1
56 EK1
16
66
E60
Junction Connector
15 A
1 B
19 A
19 B
21 A
21 B
18 A
12 B
17 A (*1)
15 B
7 A (*1)
5 B (*2)
IG
SHRL
SGR
SBR
SHFL
PRST
INIT
E101(A), E109(B)
Headlight Leveling ECU Assembly
LHT
LH+
LH+(*1)
LHT(*2)
LH–
RHT
RH+
RH+(*1)
RHT(*2)
RH–
E1
3 A
11 B
30 A
18 B
27 A
24 B
4 A
10 B
11 A
17 B
28 A
23 B
22 A (*1)
9 B (*2)
P (*15)
P (*14)
E63
Junction
Connector
W–B
54 EA2
56 EA2
55 EA2
44 EA2
47 EA2
46 EA2
LG
BR
8 B
3 B
4 B
LHIG
LH T
LH E
RHIG
RH T
RH E
Headlight Leveling Motor
Headlight Leveling Motor
E3
A54(B)
Headlight Assembly LH
A58(B)
Headlight Assembly RH

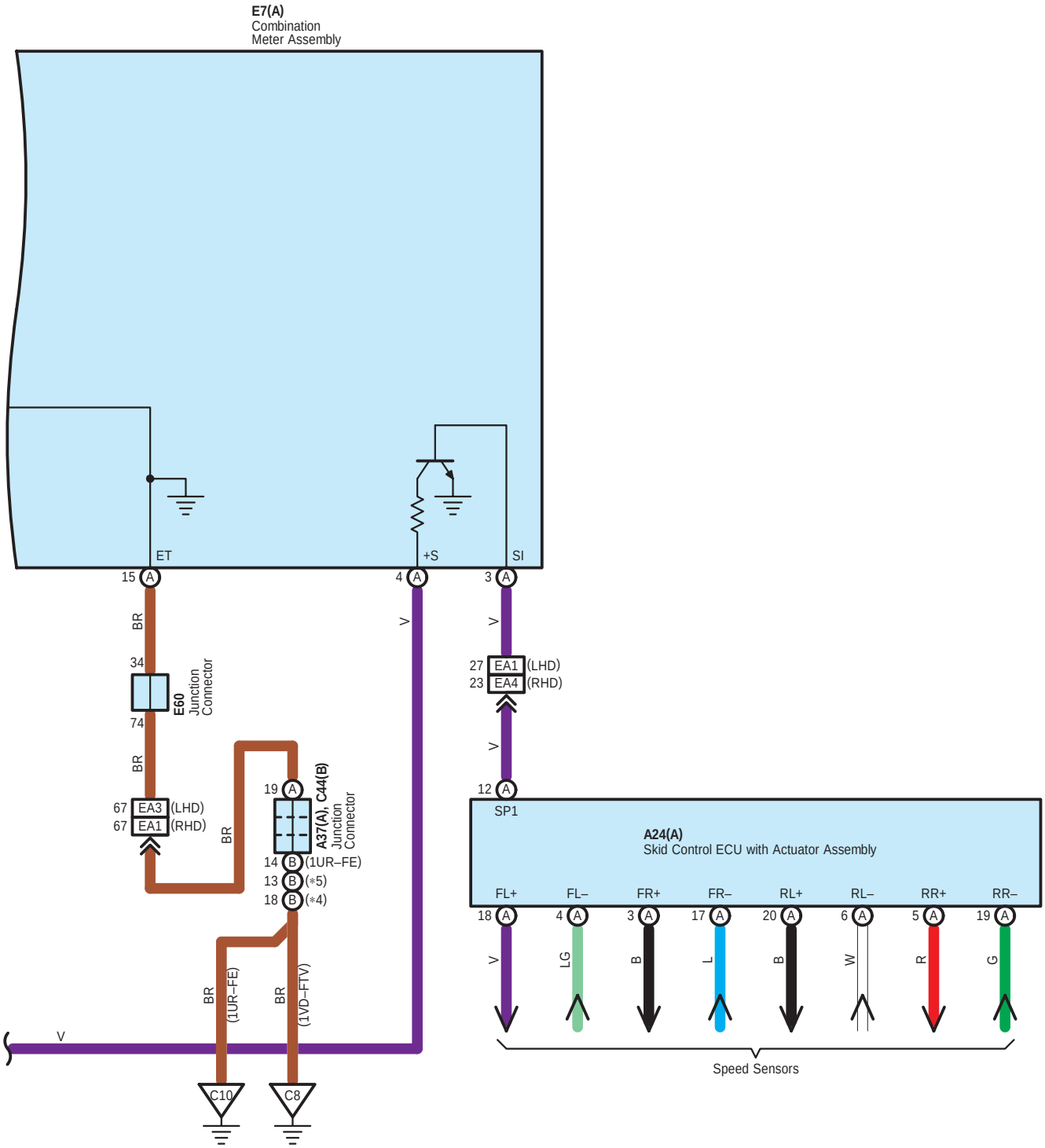

(BAT)
40A
MAIN
3 1H
R
R
R
1
1
5
1
3
2
HEAD LO Relay
1
(BAT)
5A
AM2
2
1
W
36 EA2
W
(BAT)
25A
DOOR
NO. 2
2
1
L
L
19 EA2
L
3 B (*2)
HDLP
(BAT)
25A
DOOR
NO. 1
(IG)
10A
ECU–IG
No. 2
(ACC)
7. 5A
ACC
E1(A), E2(B), E3(C)
Main Body ECU
ACC
IG
ALTB
BATB
22
15
6
2
20 2B
L
W
* 1 : Dynamic Type
* 2 : Static Type
*10 : Dynamic Type w/ Active Height Suspension
*11 : Dynamic Type w/o Active Height Suspension, Static Type
*14 : Before Aug. 2013 Production
*15 : From Aug. 2013 Production
E101(A), E109(B)
Headlight Leveling ECU Assembly
SPDR
WNG
MPX1
MPX2
16 B
6 B (*2)
12 A
13 A (*1)
V
L
LG
(RHD)
LG
(LHD)
B
(RHD)
B
(LHD)
41
E58
Junction
Connector
61
V
LG(LHD)
B(LHD)
B(RHD)
LG(RHD)
L
V


E1(A), E2(B), E3(C)
Main Body ECU
AM1
AM2
TAIL
HEAD
A
GND2
GND3
E59 Junction Connector
E62 Junction Connector
E67(A), E115(B) Junction Connector
E14(A), (B) Headlight Dimmer Switch Assembly
Light Control Switch
EL
T
H
A
OFF
Tail
Head
AUTO
LG(LHD)
B(LHD)
B(RHD)
LG(RHD)
L
V
W
W–B
BR
R
G
(RHD)
(LHD)
E1
E2
E3

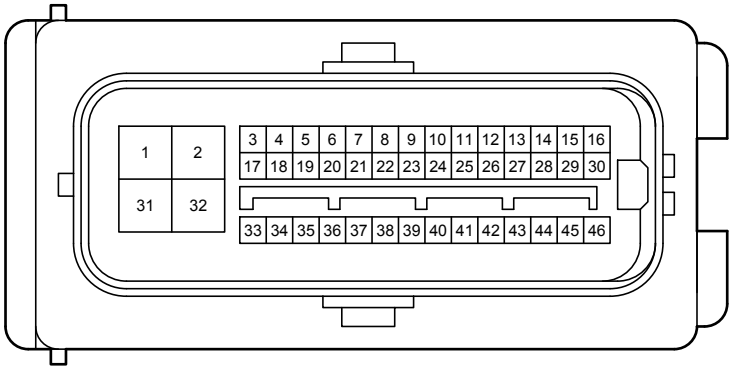

E1(A), E2(B), E3(C)
Main Body ECU
CANN
CANP
CANL
CANH
LG(LHD)
B(LHD)
B(RHD)
SB(RHD)
E72 Junction Connector
E76 Junction Connector
L29(A), L30(B) Junction Connector
E69(A), (B) Junction Connector
E73 Junction Connector
E70 Junction Connector
E75 Junction Connector
KL1
EK2
EL1
W(RHD)
R(RHD)
LG(RHD)
SB (LHD ∗7)
L (LHD ∗7)
V
B
∗6 : w/ VSC
∗7 : w/o VSC
∗8 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
∗9 : RHD Headlight Dimmer Switch Assembly RH Side Type
∗12 : LHD Before Aug. 2013 Production, RHD
∗13 : LHD From Aug. 2013 Production


(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction
Connector
F73
Junction Connector
E7(A)
Combination
Meter Assembly
Power
Supply
Circuit
+B
IG+
Beam
Headlight Beam
Level Control
IG
CAN
CANH
CANL
MPX+
MPX–
LVWG
SB
(LHD *7)
L
(LHD *7)
V
B
LG
R

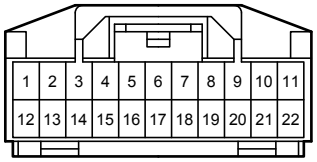
∗ 4 : 1VD–FTV w/ DPF
∗ 5 : 1VD–FTV w/o DPF
∗ 7 : w/o VSC



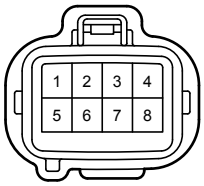
A 24
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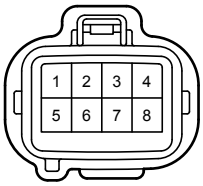
A 37
Blue



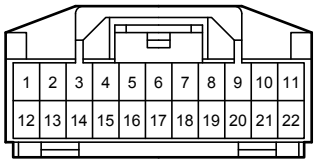
A 54
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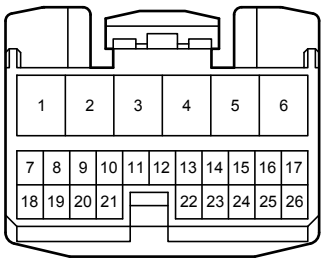
A 58
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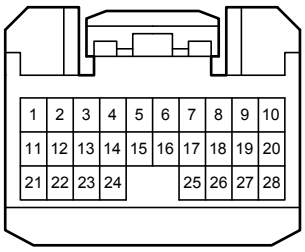
C 44
Blue



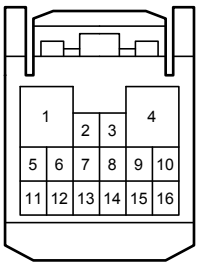
E 1
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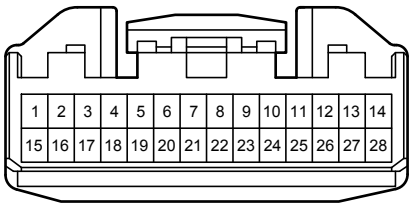
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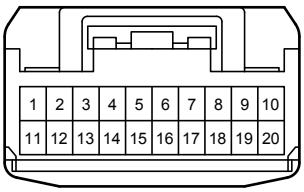
E 3
White



E 7
White

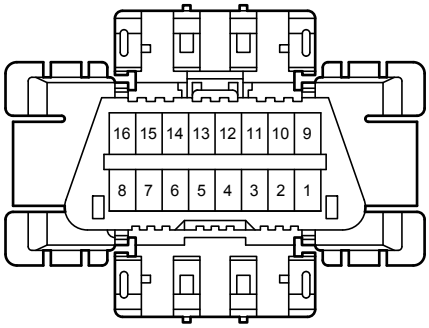


E 14
White

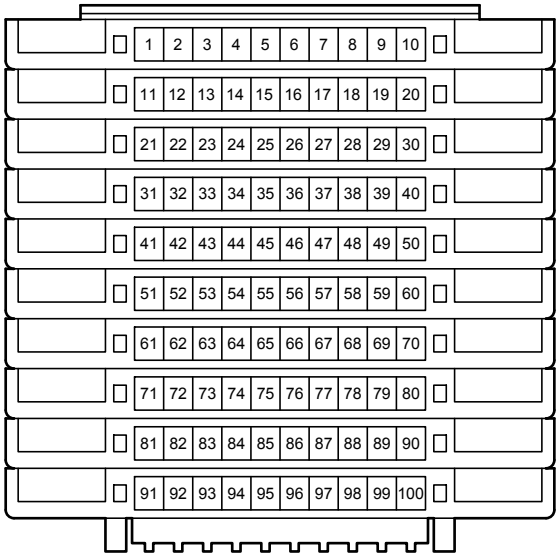


E 22

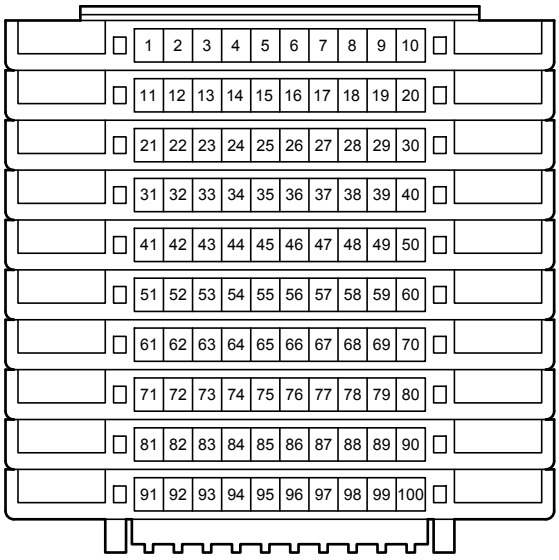
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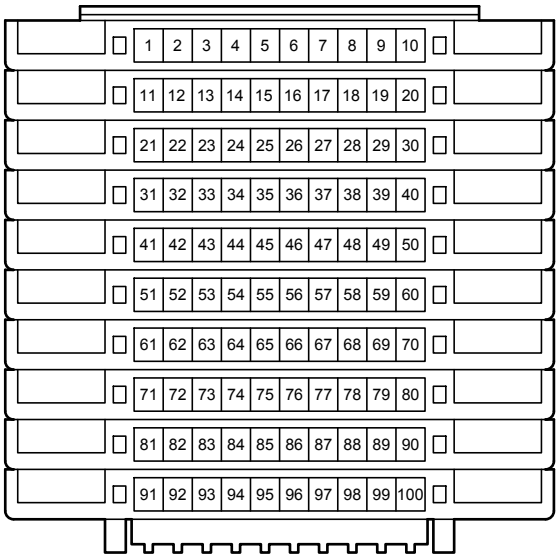
E 58



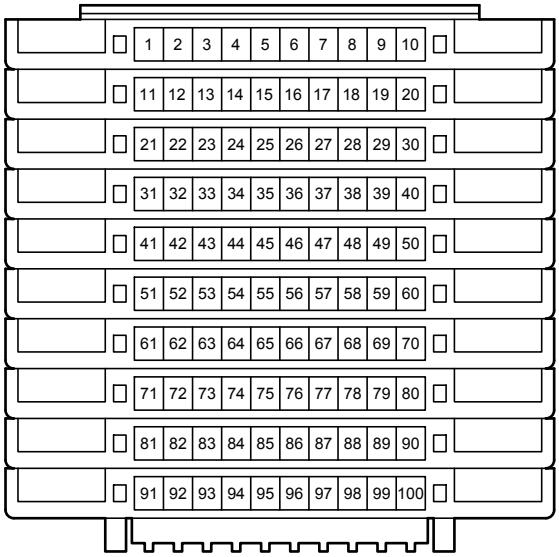
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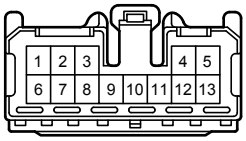
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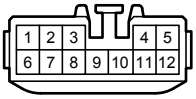
E 61



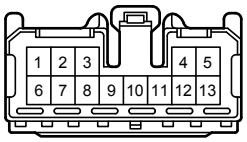
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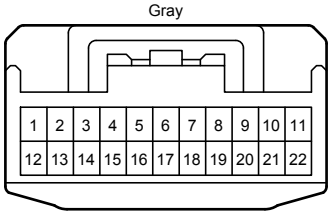
E 63
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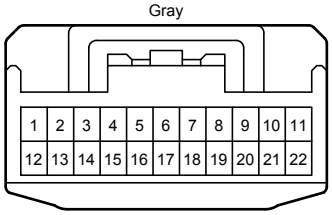
E 67
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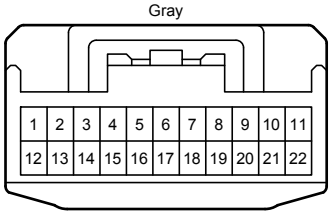
E 69
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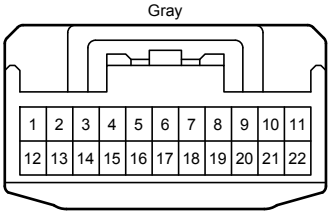
E 70
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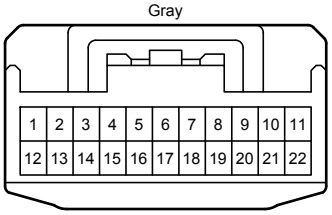
E 72
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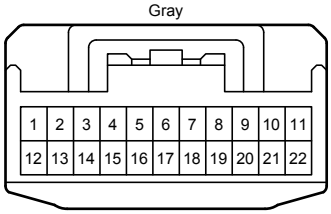
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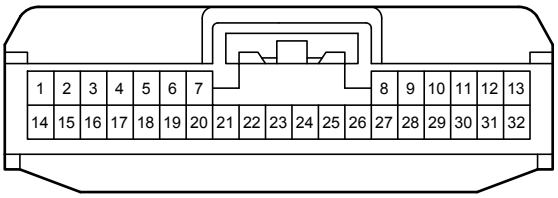
E 75
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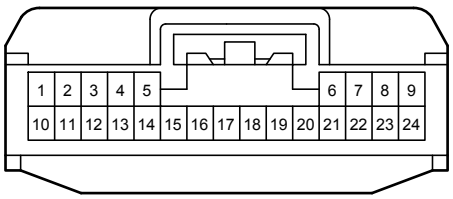
E 76
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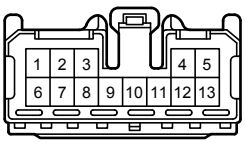
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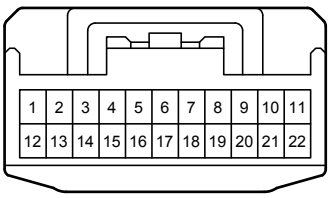
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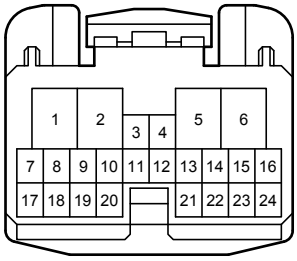
E115
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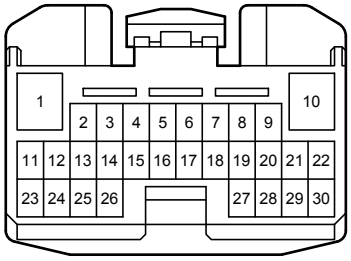
F 73
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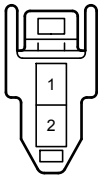
K 35
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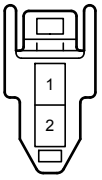
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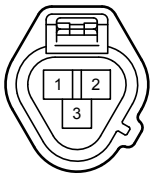
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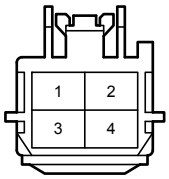
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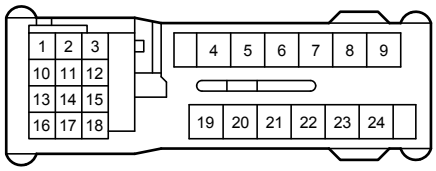
N 7
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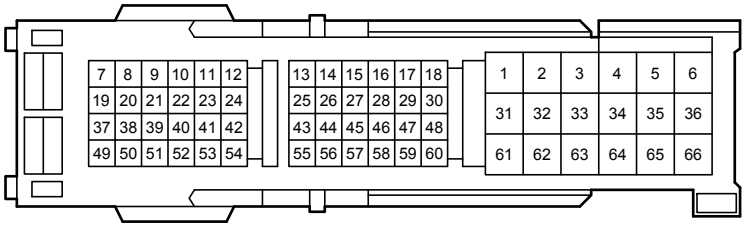
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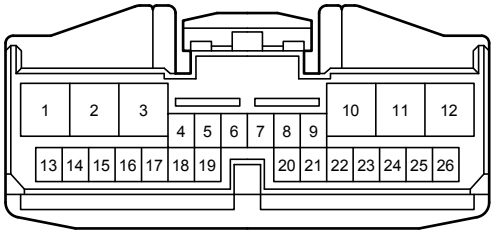
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2D
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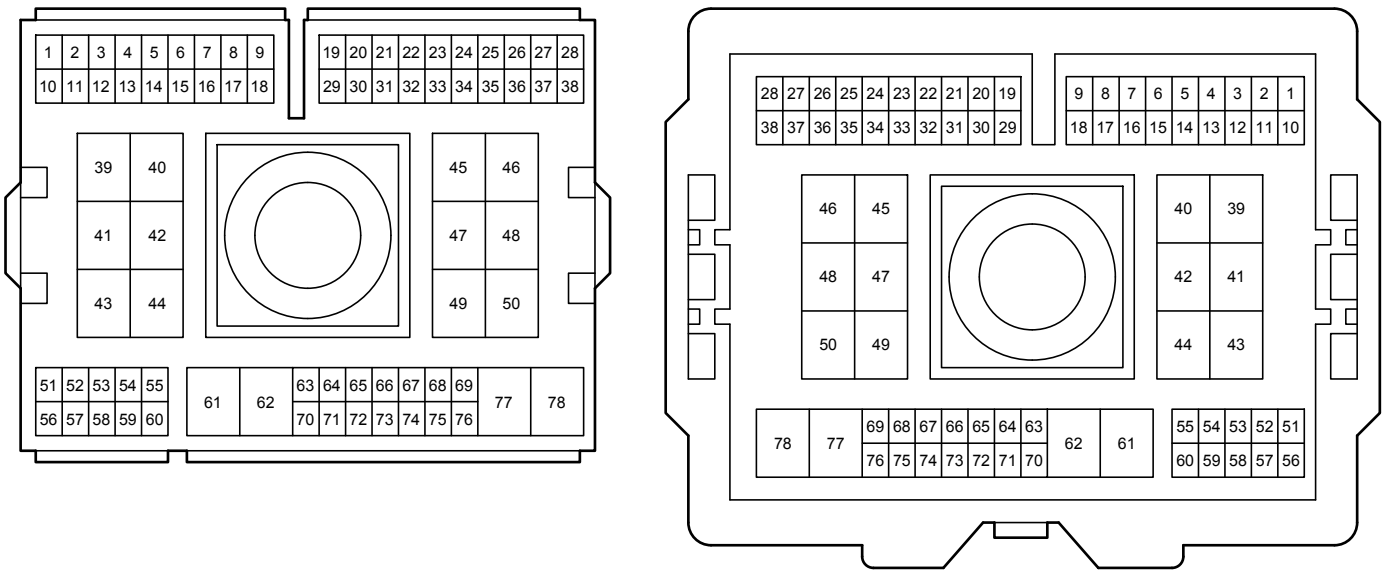


3C
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EA1

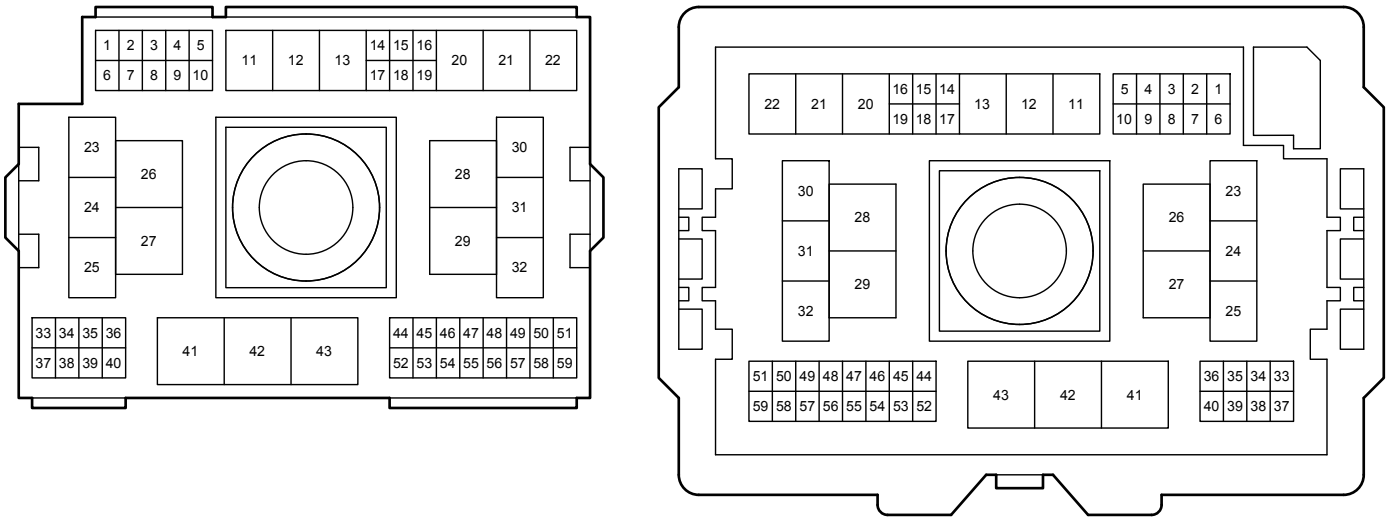
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EA2

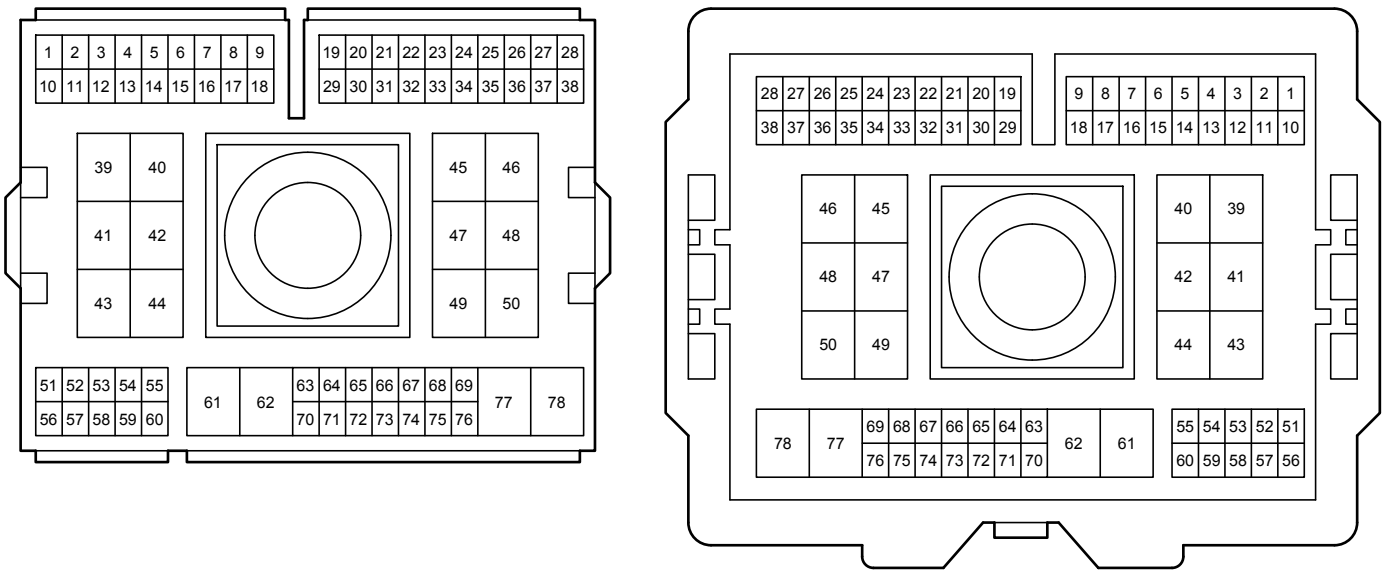
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Gray



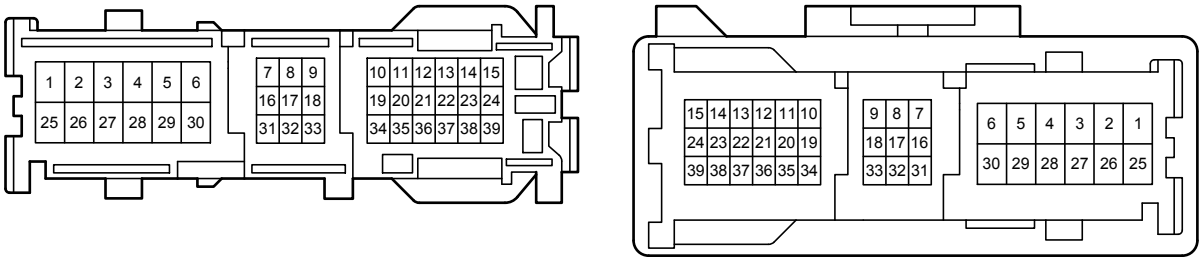
EA3

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EA4

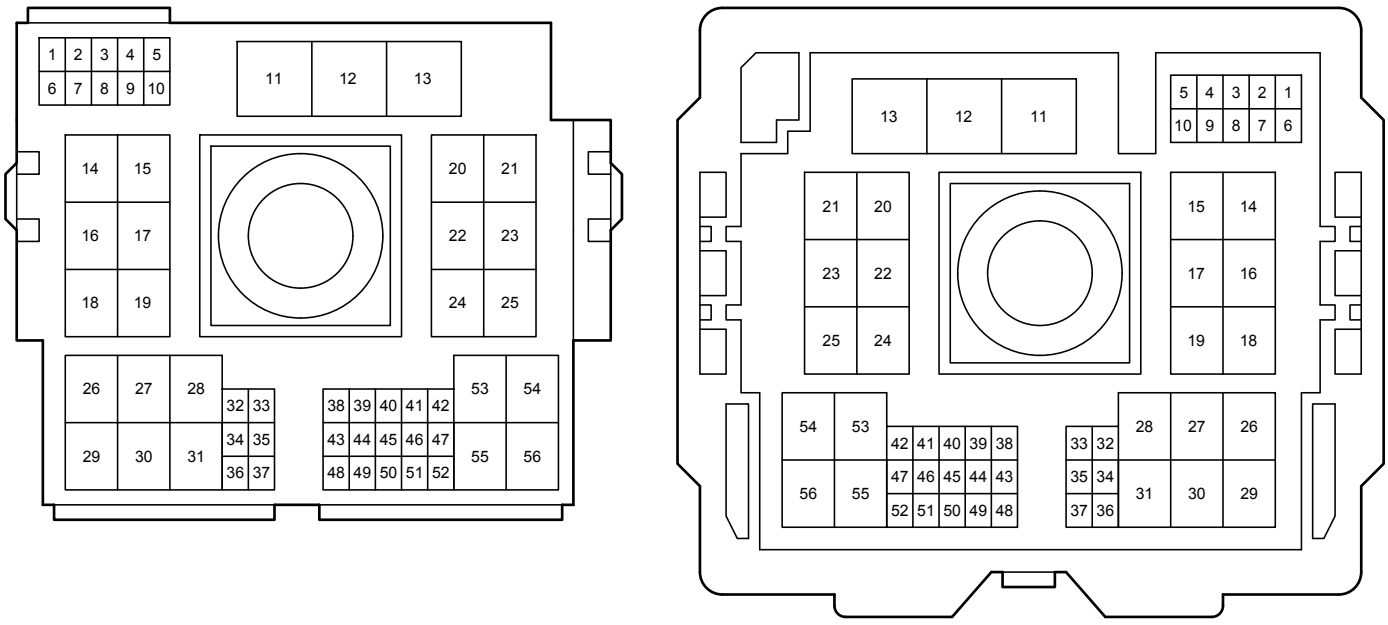
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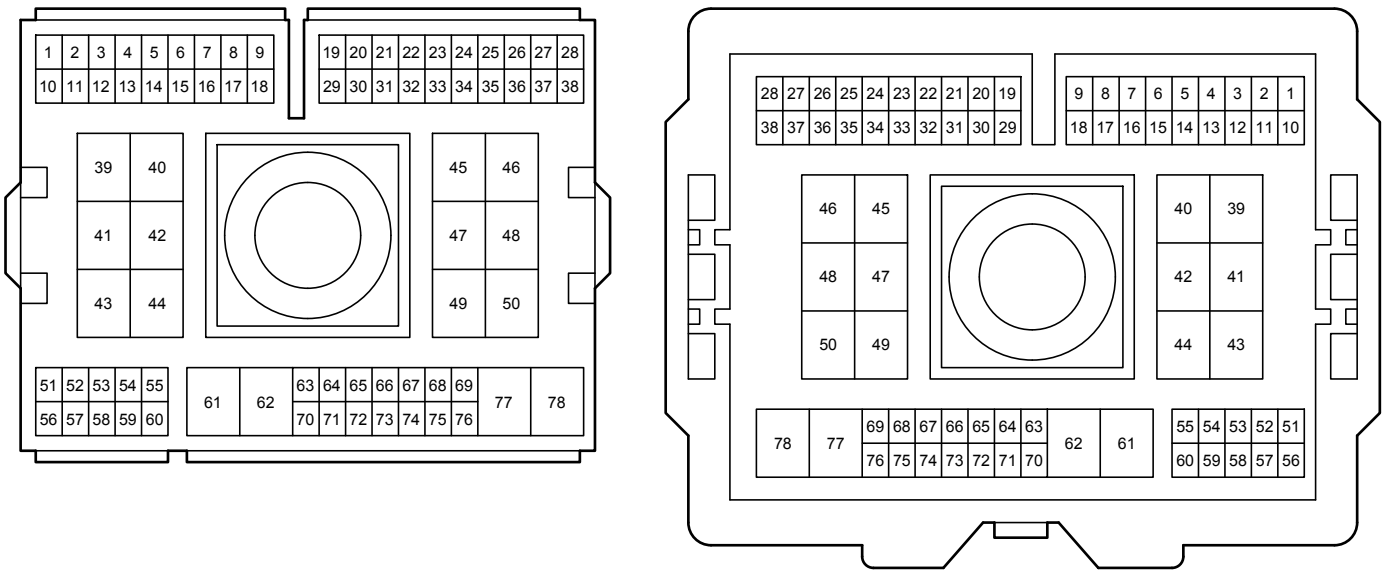
EK1

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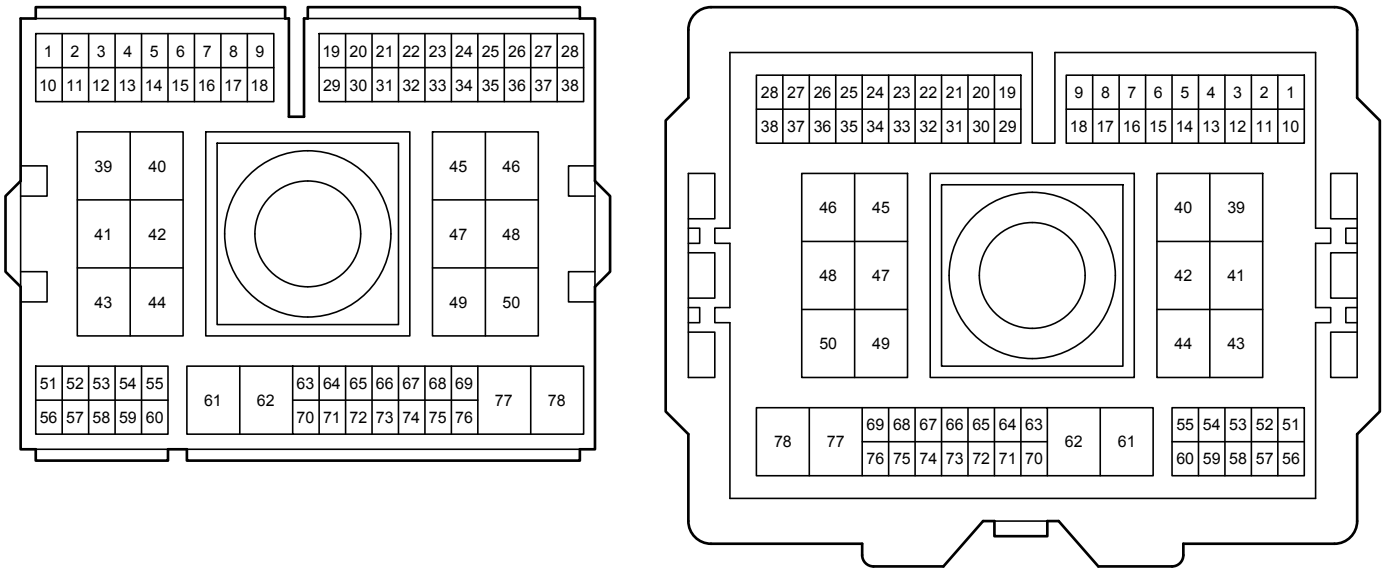
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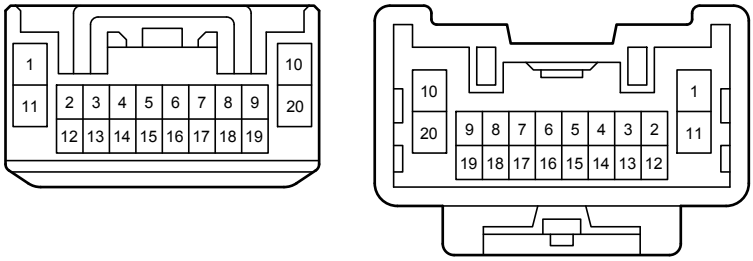
EK2
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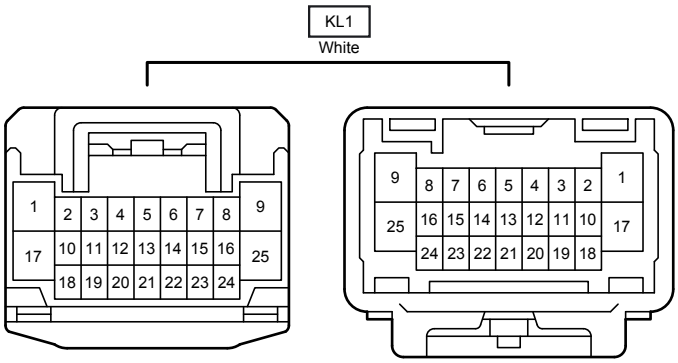


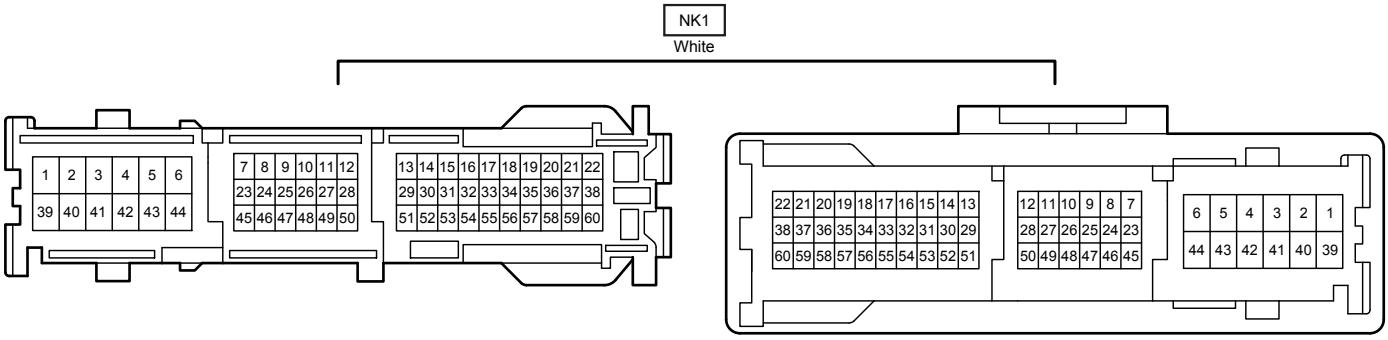
EL1
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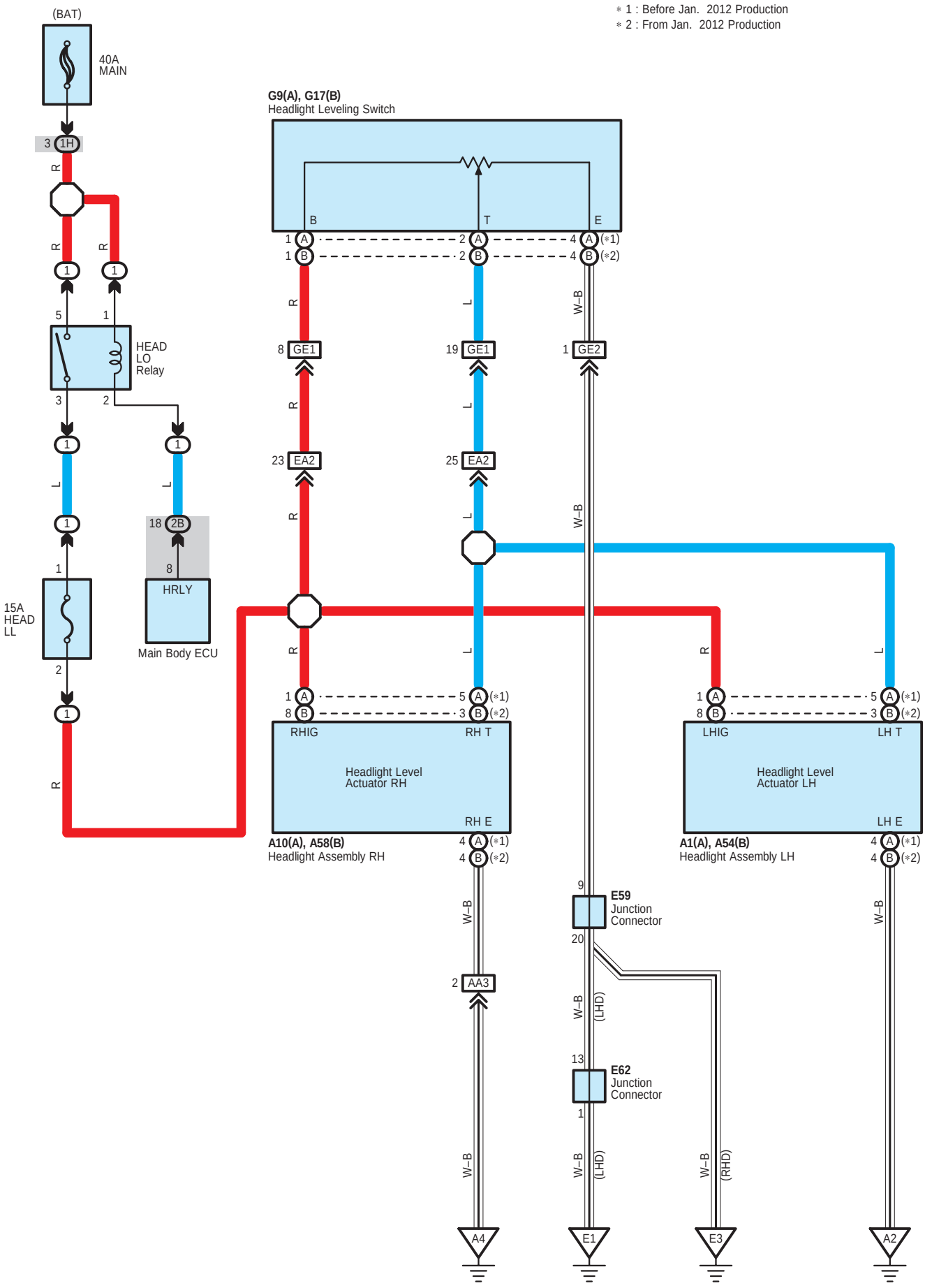


FE4
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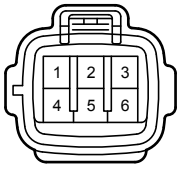



KL1
White
1 2 3 4 5 6 7 8 9
17 10 11 12 13 14 15 16 25
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18


NK1
White
1 2 3 4 5 6
39 40 41 42 43 44
7 8 9 10 11 12
23 24 25 26 27 28
45 46 47 48 49 50
13 14 15 16 17 18 19 20 21 22
29 30 31 32 33 34 35 36 37 38
51 52 53 54 55 56 57 58 59 60
22 21 20 19 18 17 16 15 14 13
38 37 36 35 34 33 32 31 30 29
60 59 58 57 56 55 54 53 52 51
12 11 10 9 8 7
28 27 26 25 24 23
50 49 48 47 46 45
6 5 4 3 2 1
44 43 42 41 40 39


∗ 1 : Before Jan. 2012 Production
∗ 2 : From Jan. 2012 Production
(BAT)
40A
MAIN
3 1H
R
R
R
1
1
5
1
HEAD
LO
Relay
3
2
1
1
L
L
1
18 2B
1
8
HRLY
Main Body ECU
15A
HEAD
LL
2
1
R
G9(A), G17(B)
Headlight Leveling Switch
B
T
E
1 A
1 B
2 A
2 B
4 A (∗1)
4 B (∗2)
R
L
W-B
8 GE1
19 GE1
1 GE2
R
L
23 EA2
25 EA2
R
L
W-B
R
L
1 A
8 B
5 A (∗1)
3 B (∗2)
RHIG
RH T
Headlight Level
Actuator RH
RH E
A10(A), A58(B)
Headlight Assembly RH
4 A (∗1)
4 B (∗2)
R
L
1 A
8 B
5 A (∗1)
3 B (∗2)
LHIG
LH T
Headlight Level
Actuator LH
LH E
A1(A), A54(B)
Headlight Assembly LH
4 A (∗1)
4 B (∗2)
W-B
2 AA3
W-B
9
E59
Junction
Connector
20
W-B
(LHD)
13
E62
Junction
Connector
1
W-B
(LHD)
W-B
(RHD)
W-B
A4
E1
E3
A2

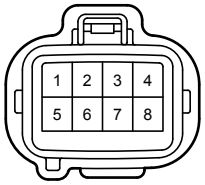
A 1
Gray



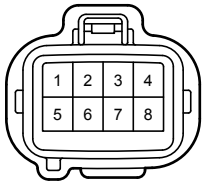
A 10
Gray



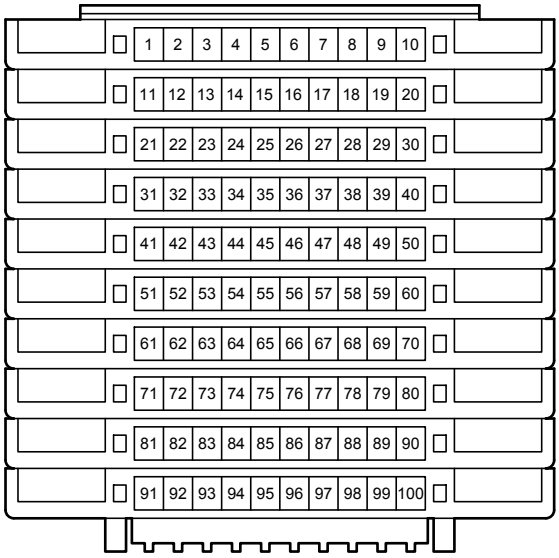
A 54
Black



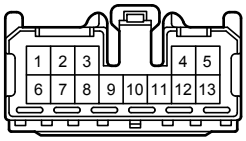
A 58
Black



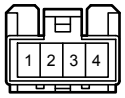
E 59



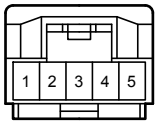
E 62
White



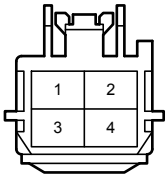
G 9
White



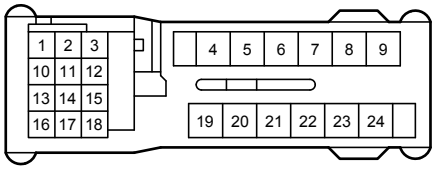
G 17
Black



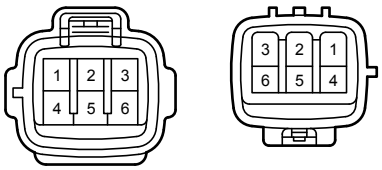
1H
White



2B
White

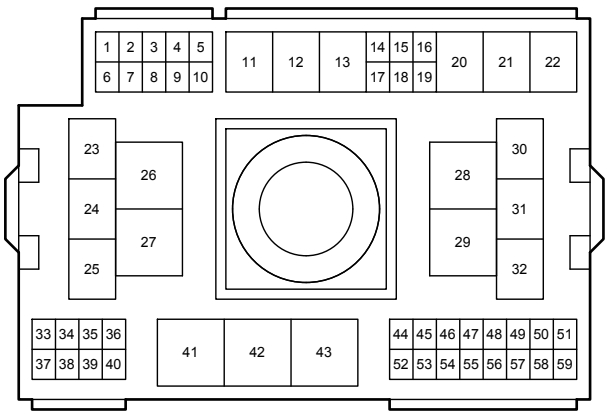


AA3
Gray

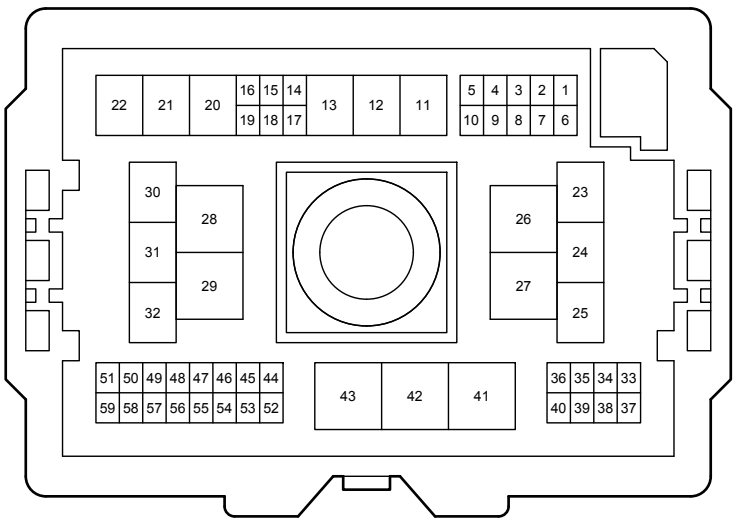


EA2

White

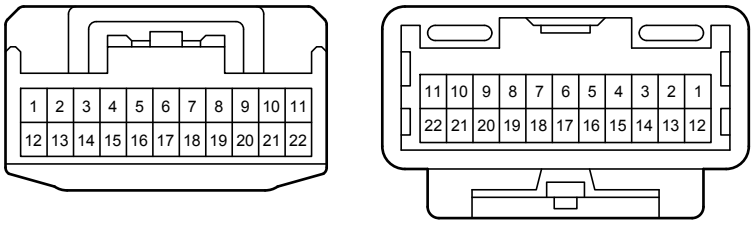


Gray



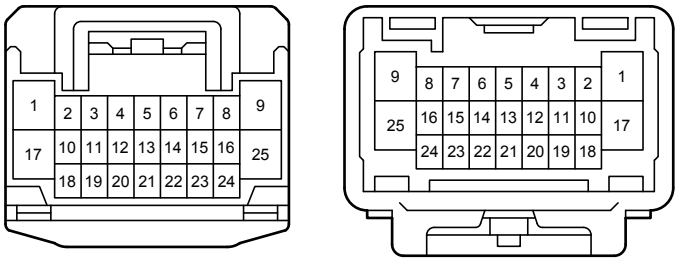
GE1

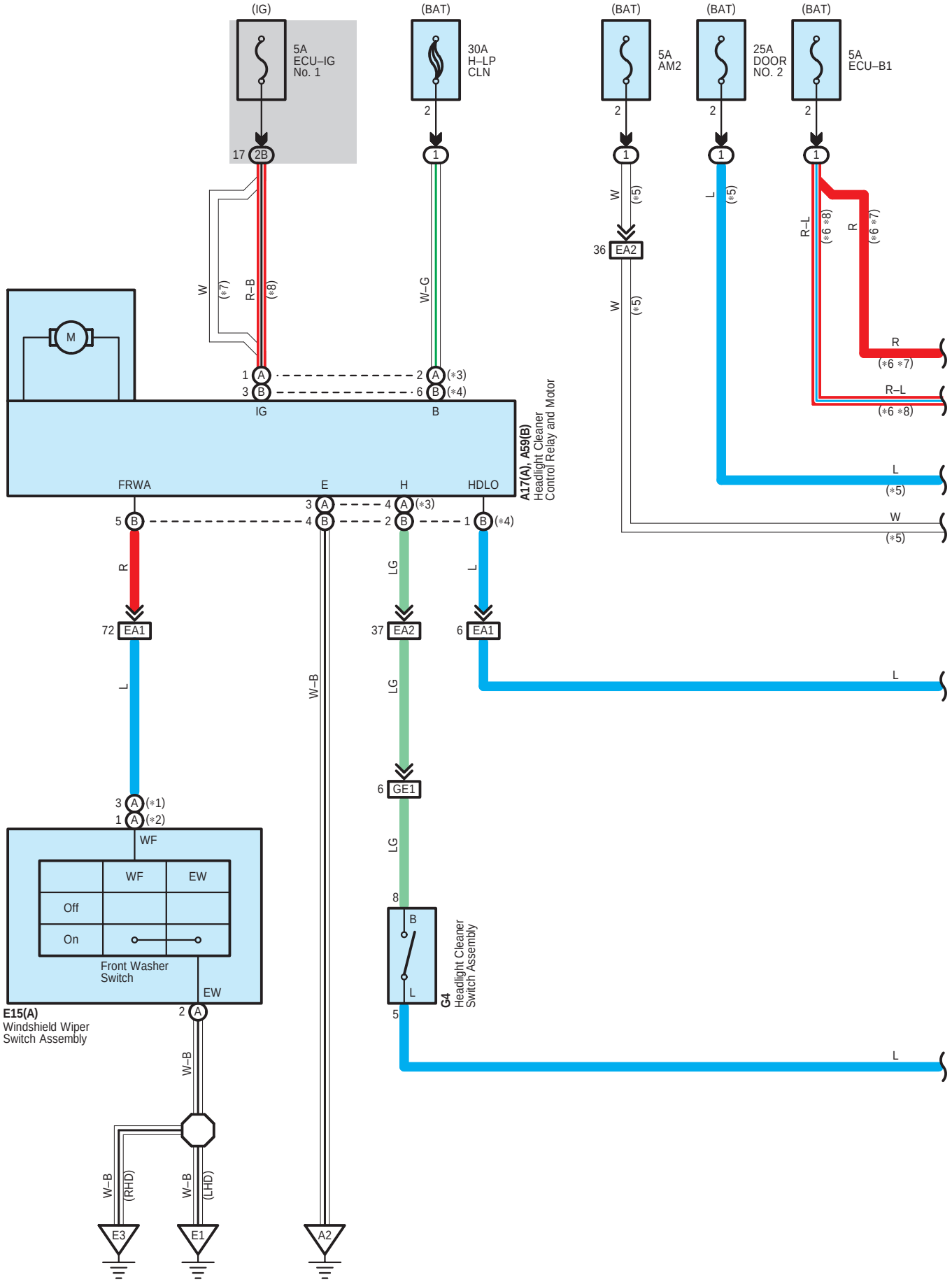
White

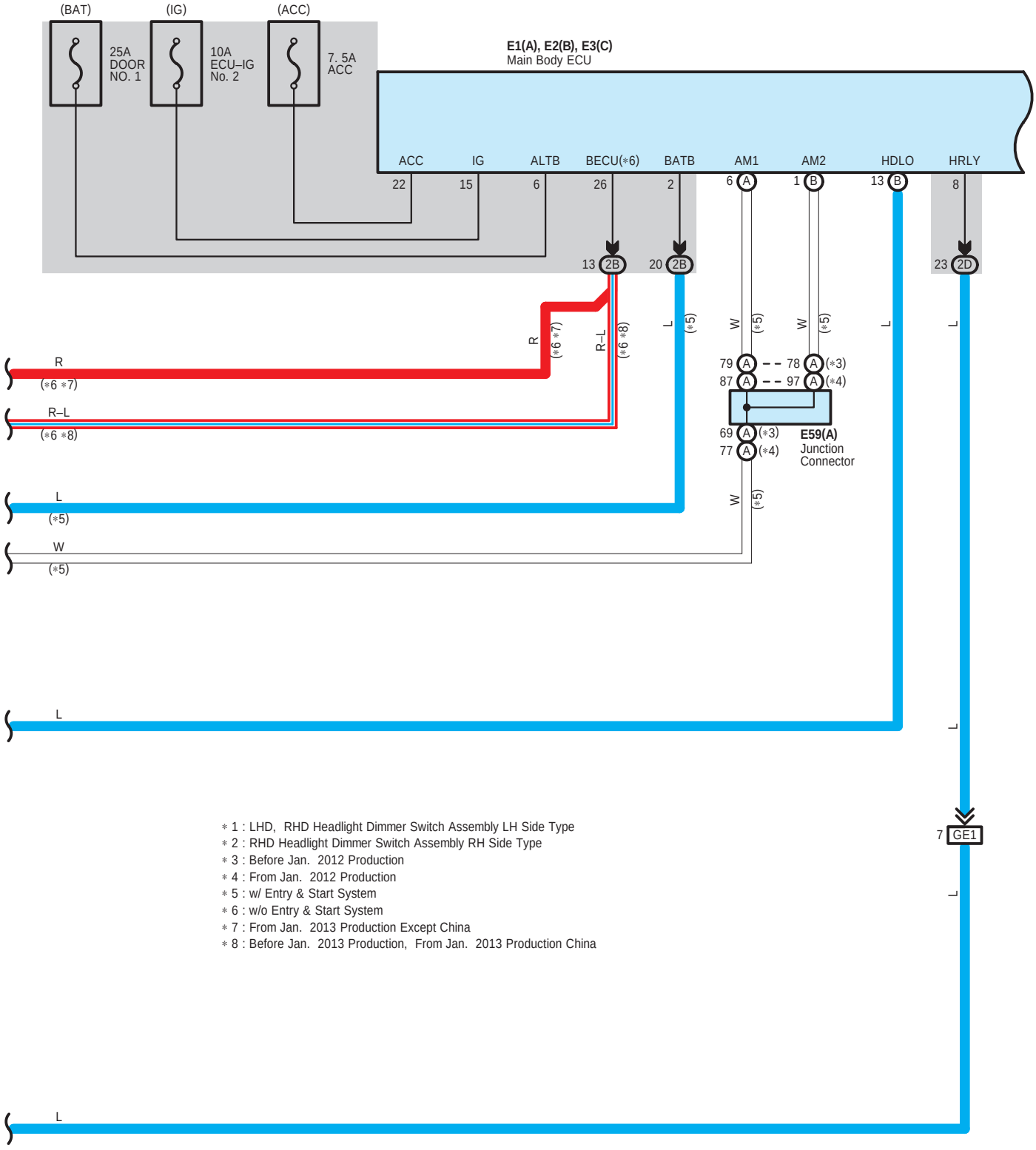


GE2

White

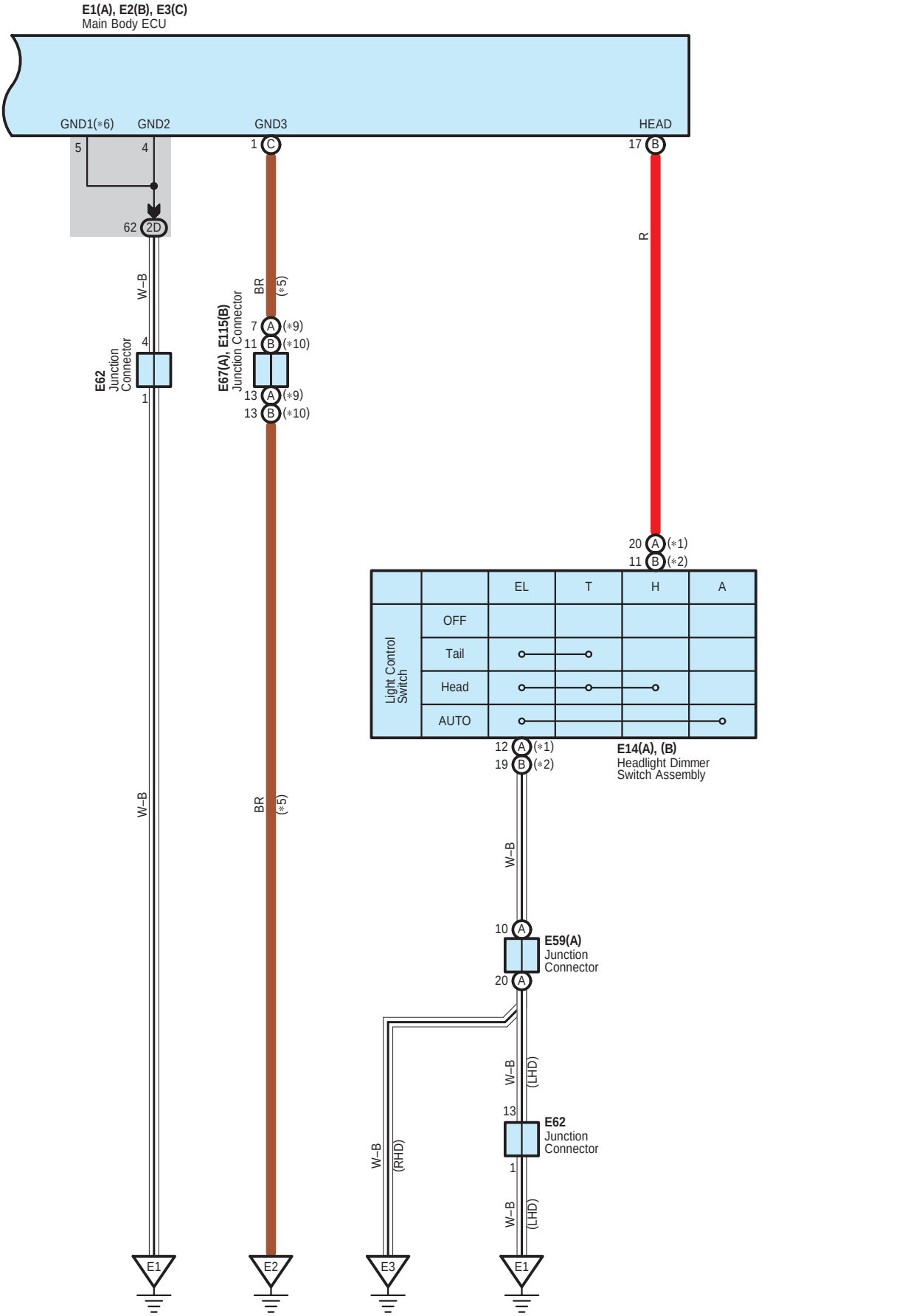



(IG)
5A
ECU–IG
No. 1
17 2B
(BAT)
30A
H–LP
CLN
2
1
(BAT)
5A
AM2
(BAT)
25A
DOOR
NO. 2
(BAT)
5A
ECU–B1
W
(*7)
R–B
(*8)
W–G
M
1 A
3 B
IG
2 A (*3)
6 B (*4)
B
A17(A), A59(B)
Headlight Cleaner
Control Relay and Motor
36 EA2
W
(*5)
L
(*5)
R–L
(*6 *8)
R
(*6 *7)
R
(*6 *7)
R–L
(*6 *8)
L
(*5)
W
(*5)
FRWA
E
H
HDLO
3 A
4 B
4 A (*3)
2 B
5 B
1 B (*4)
R
LG
L
72 EA1
37 EA2
6 EA1
L
L
W–B
3 A (*1)
1 A (*2)
WF
WF
EW
Off
On
Front Washer
Switch
EW
E15(A)
Windshield Wiper
Switch Assembly
2 A
6 GE1
LG
LG
8
B
L
G4
Headlight Cleaner
Switch Assembly
5
L
W–B
W–B
(RHD)
W–B
(LHD)
E3
E1
A2



∗ 1 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
∗ 2 : RHD Headlight Dimmer Switch Assembly RH Side Type
∗ 3 : Before Jan. 2012 Production
∗ 4 : From Jan. 2012 Production
∗ 5 : w/ Entry & Start System
∗ 6 : w/o Entry & Start System
∗ 7 : From Jan. 2013 Production Except China
∗ 8 : Before Jan. 2013 Production, From Jan. 2013 Production China

∗ 1 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
∗ 2 : RHD Headlight Dimmer Switch Assembly RH Side Type
∗ 5 : w/ Entry & Start System
∗ 6 : w/o Entry & Start System
∗ 9 : LHD Before Aug. 2013 Production, LHD From Aug. 2013 Production China, RHD
∗10 : LHD From Aug. 2013 Production Except China



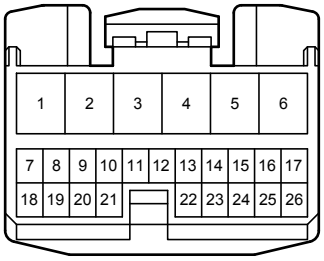
A 17
Black



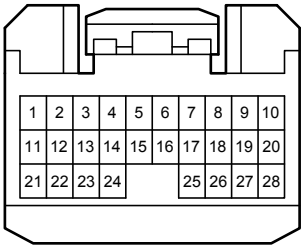
A 59
White



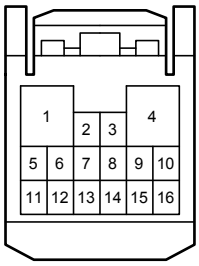
E 1
White



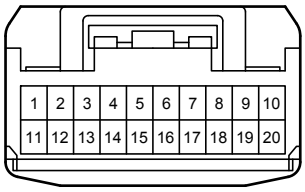
E 2
White



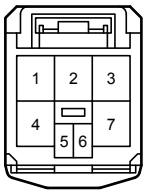
E 3
White



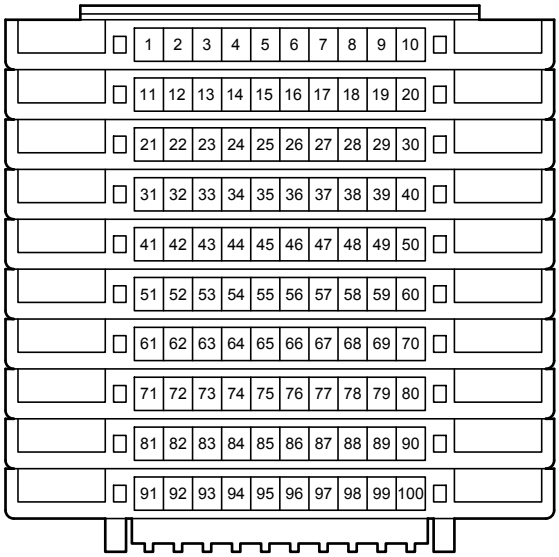
E 14
White



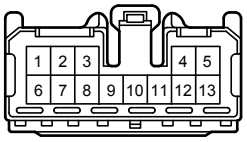
E 15
White



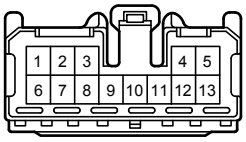
E 59



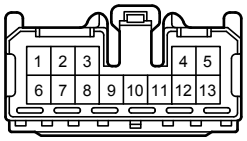
E 62
White



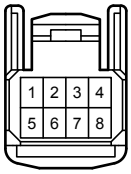
E 67
White



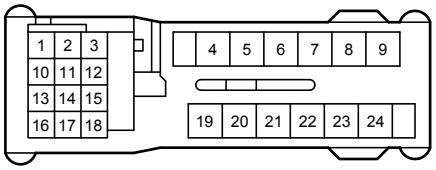
E115
White



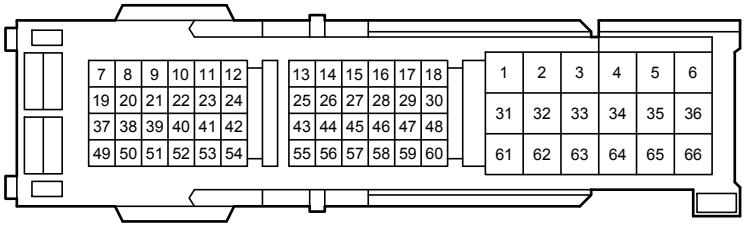
G 4
Black



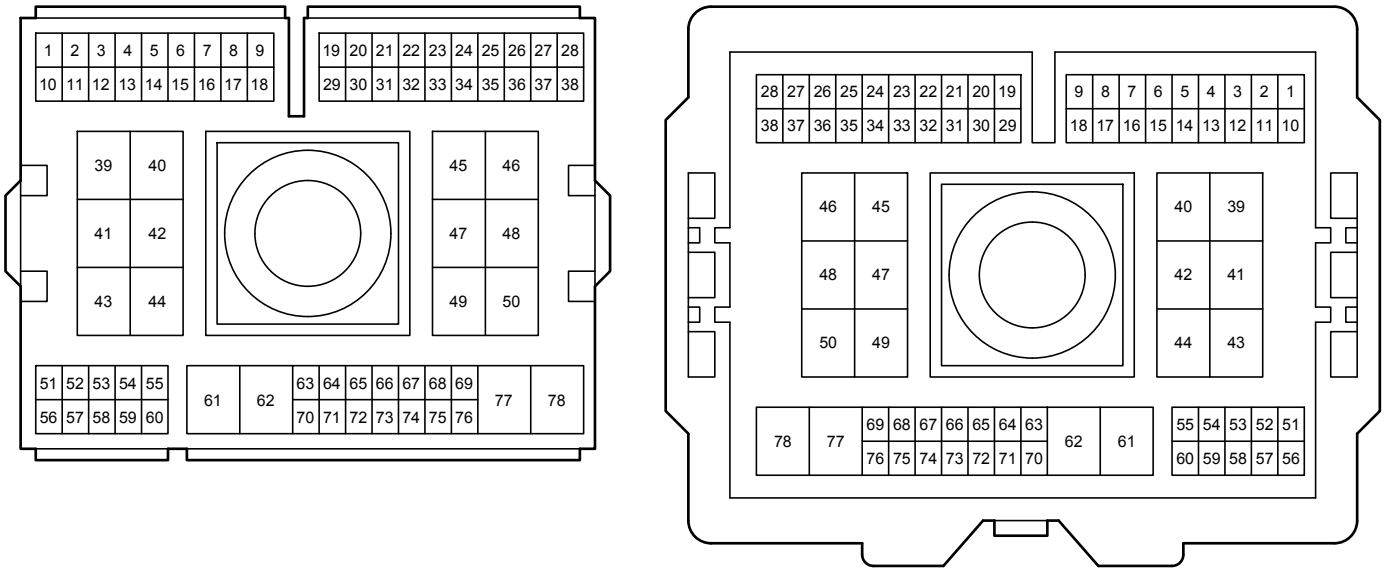
2B
White



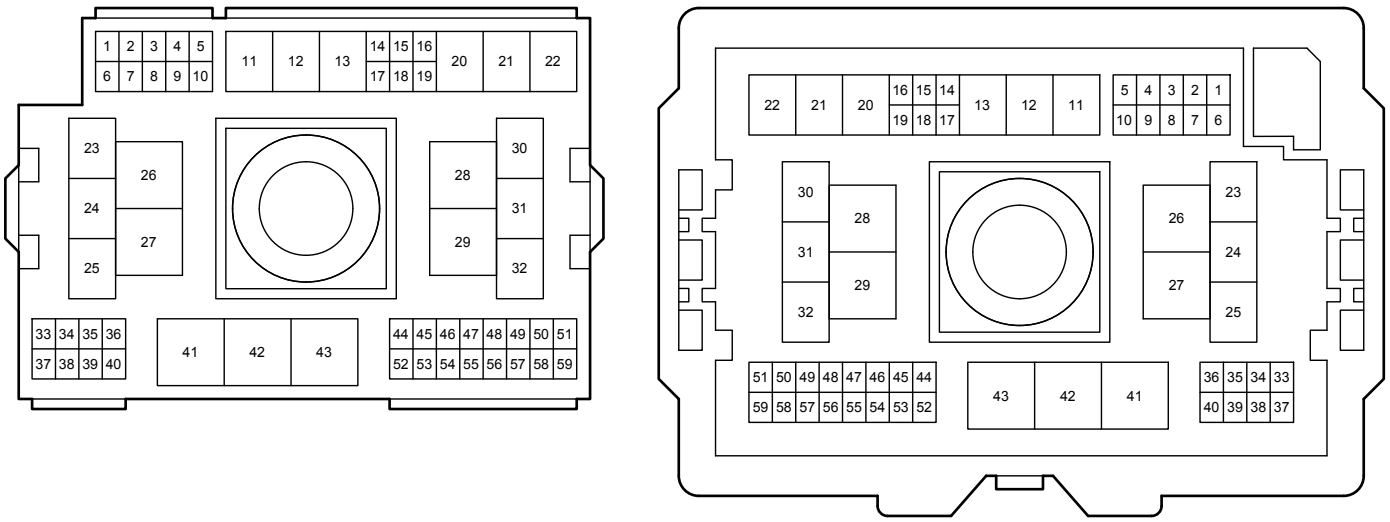
2D
White

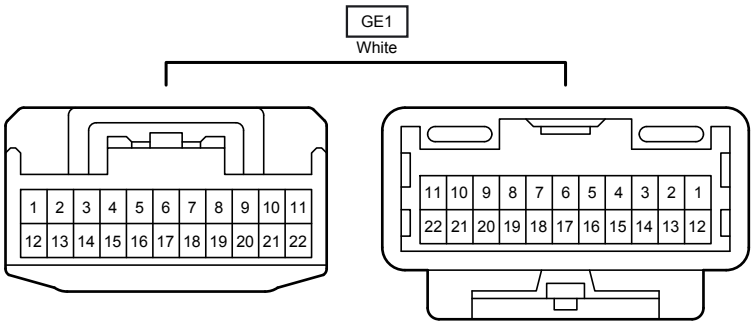


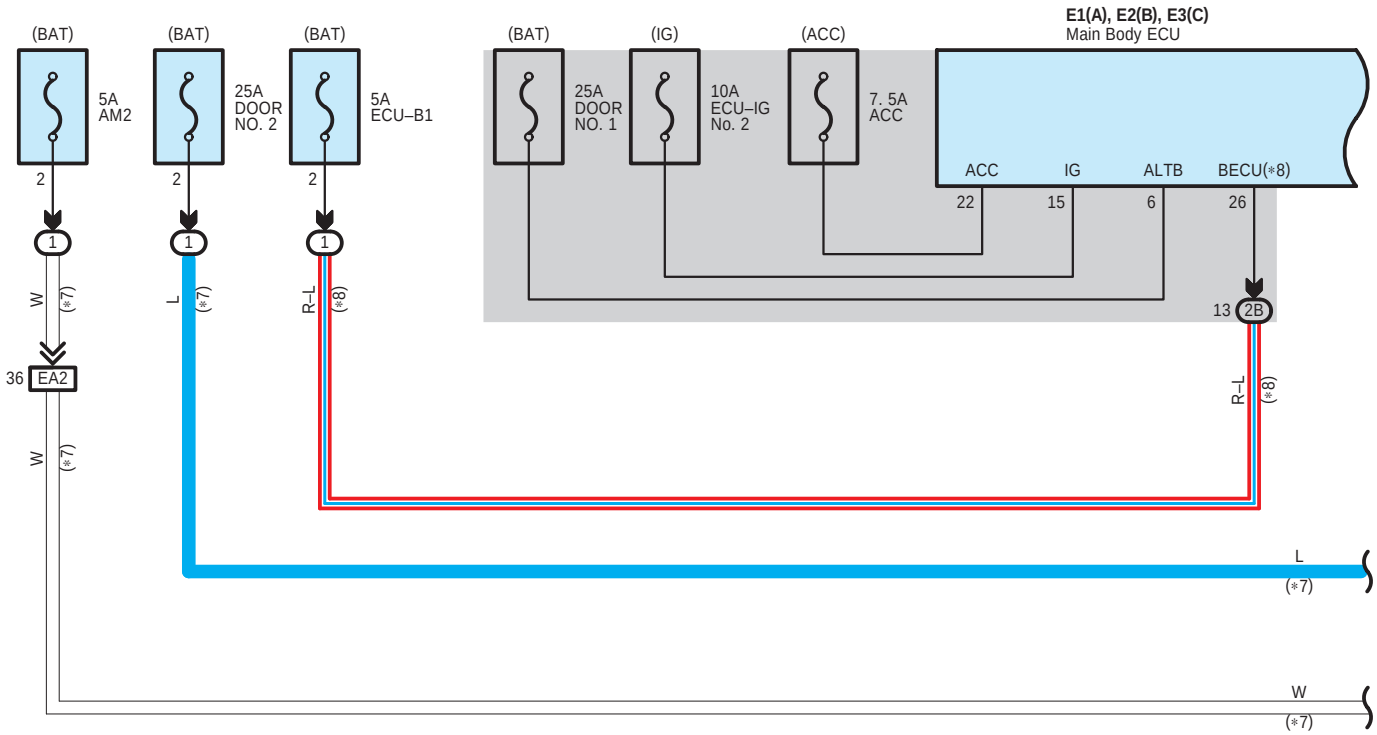
EA1
White



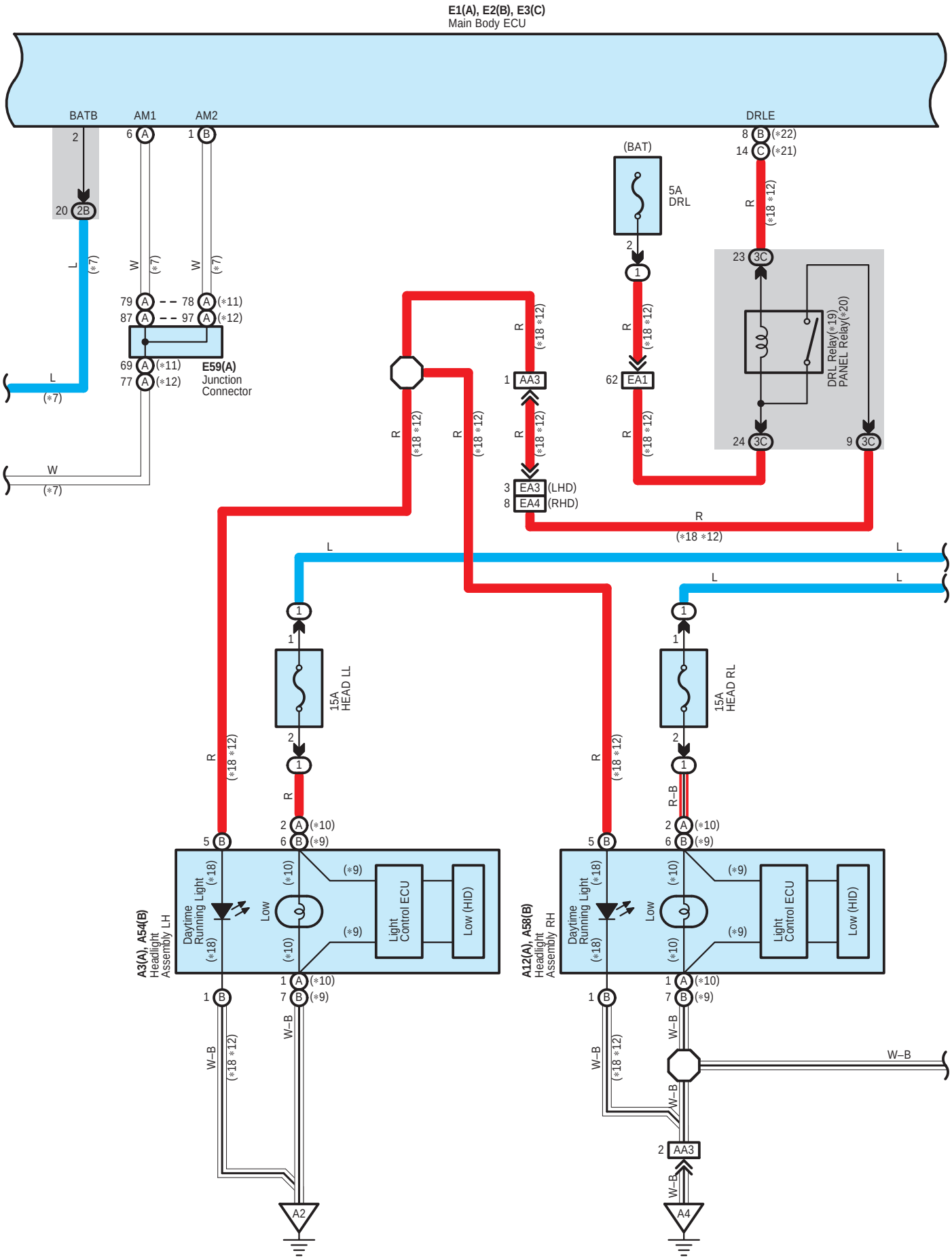
EA2
White Gray

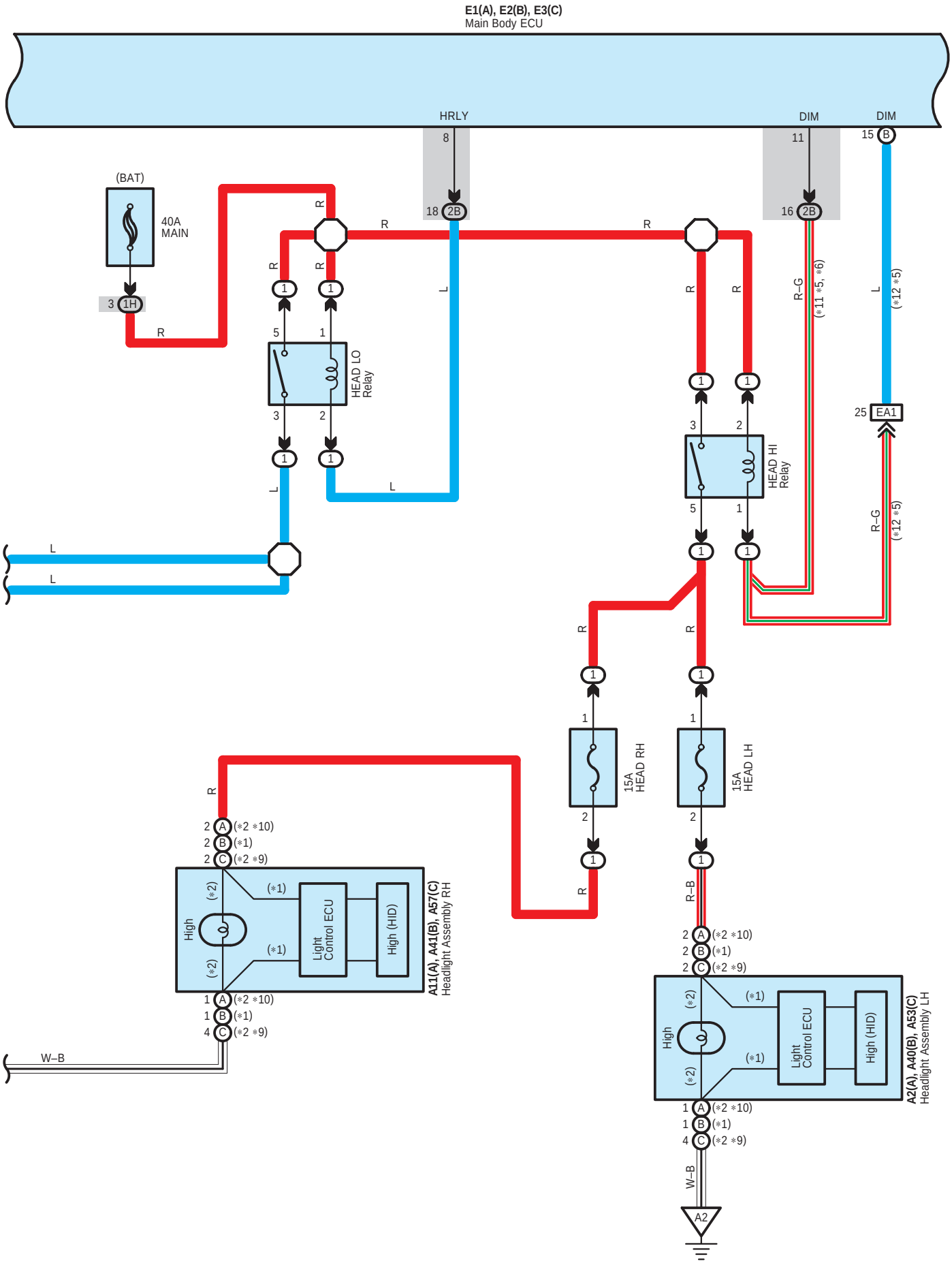


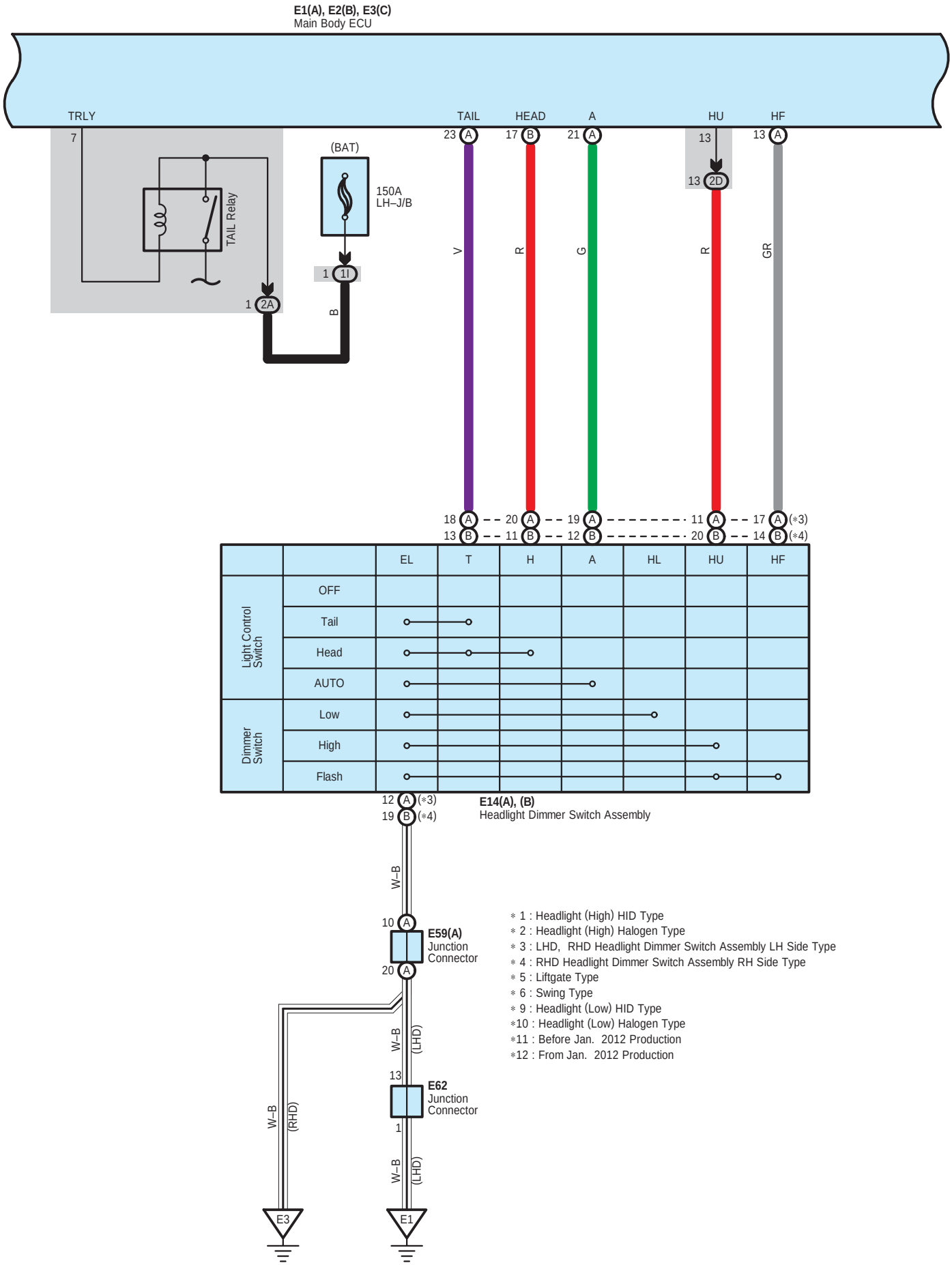

GE1
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12



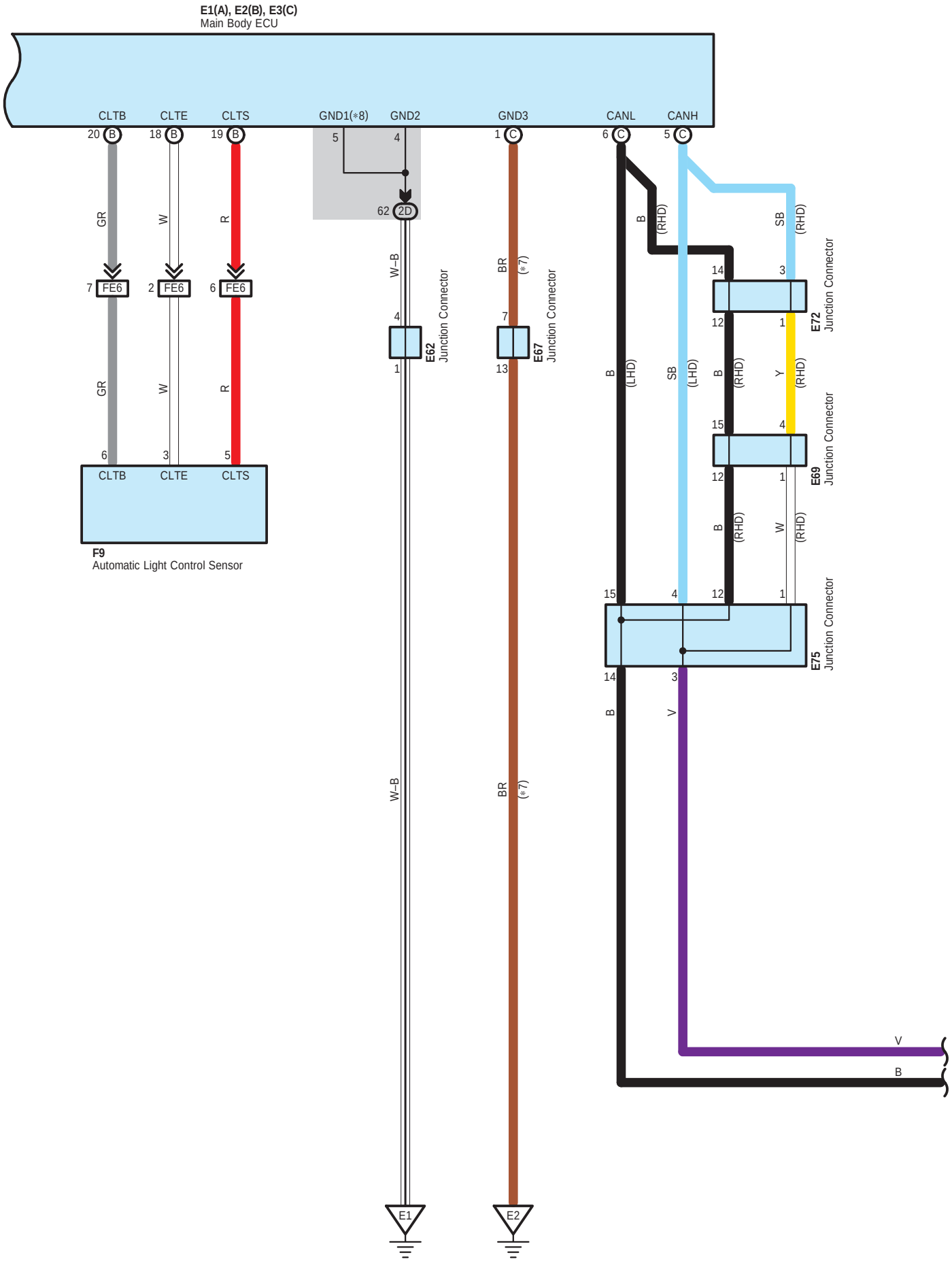
∗ 7 : w/ Entry & Start System
∗ 8 : w/o Entry & Start System
∗ 9 : Headlight (Low) HID Type
∗10 : Headlight (Low) Halogen Type
∗11 : Before Jan. 2012 Production
∗12 : From Jan. 2012 Production
∗18 : w/ Daytime Running Light
∗19 : w/ Heated Windshield Defroster
∗20 : w/o Heated Windshield Defroster
∗21 : G. C. C.
∗22 : Except G. C. C.

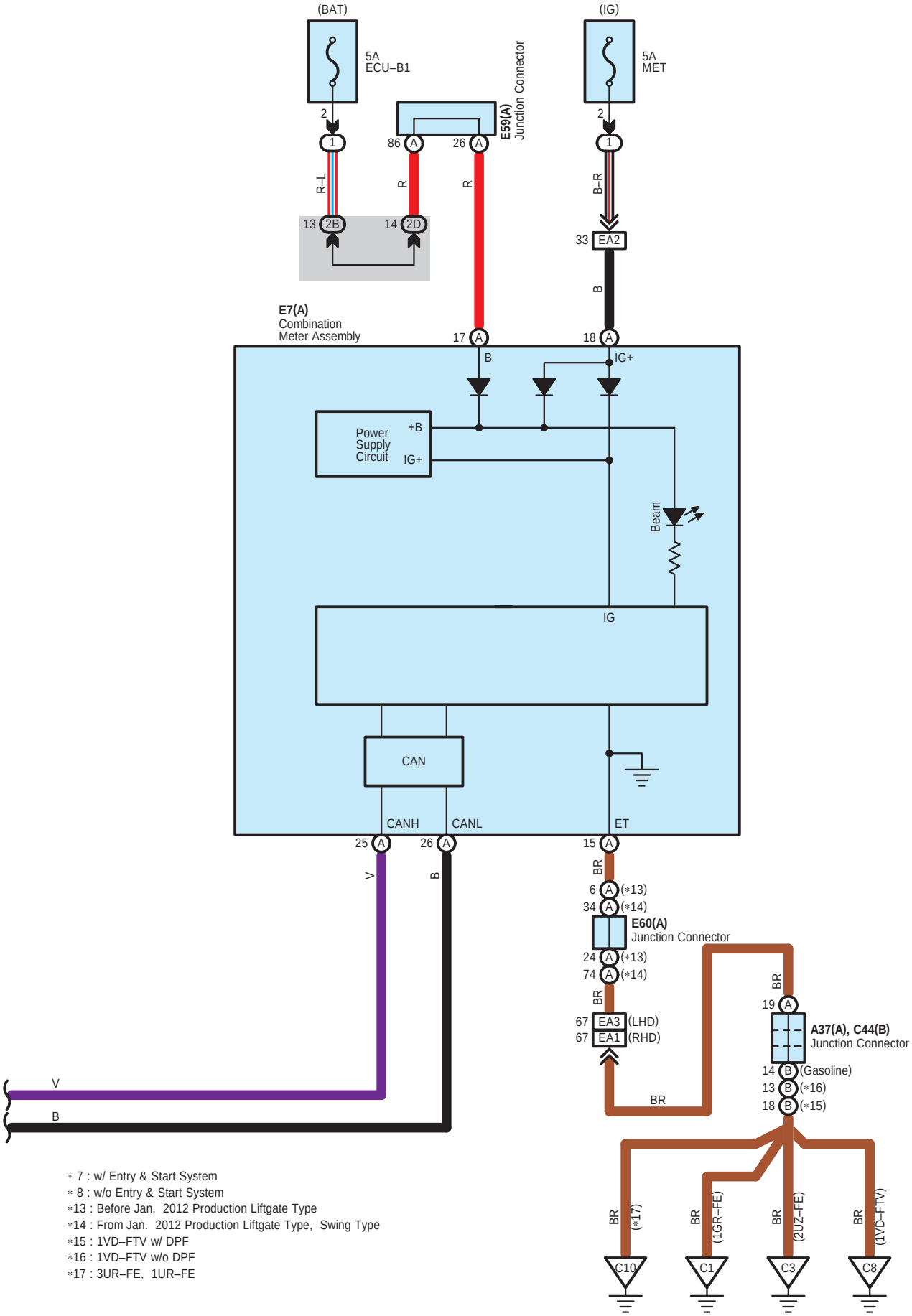

E1(A), E2(B), E3(C)
Main Body ECU
BATB
AM1
AM2
DRLE
(BAT)
5A
DRL
15A
HEAD LL
15A
HEAD RL
E59(A)
Junction
Connector
DRL Relay(*19)
PANEL Relay(*20)
(LHD)
(RHD)
A3(A), A54(B)
Headlight
Assembly LH
A12(A), A58(B)
Headlight
Assembly RH
Daytime
Running Light
Low
Light
Control ECU
Low (HID)
A2
A4


E1(A), E2(B), E3(C)
Main Body ECU
HRLY
8
18 2B
DIM
11
16 2B
DIM
15 B
25 EA1
(BAT)
40A
MAIN
3 1H
HEAD LO
Relay
HEAD HI
Relay
15A
HEAD RH
15A
HEAD LH
R
L
R–G
R–B
W–B
(*11 *5, *6)
(*12 *5)
A11(A), A41(B), A57(C)
Headlight Assembly RH
A2(A), A40(B), A53(C)
Headlight Assembly LH
High
(*2)
(*1)
Light
Control ECU
High (HID)
(*2 *10)
(*2 *9)
A2



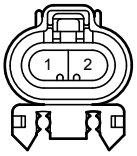
* 1 : Headlight (High) HID Type
* 2 : Headlight (High) Halogen Type
* 3 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 4 : RHD Headlight Dimmer Switch Assembly RH Side Type
* 5 : Liftgate Type
* 6 : Swing Type
* 9 : Headlight (Low) HID Type
*10 : Headlight (Low) Halogen Type
*11 : Before Jan. 2012 Production
*12 : From Jan. 2012 Production


E1(A), E2(B), E3(C)
Main Body ECU
CLTB
CLTE
CLTS
GND1(*8)
GND2
GND3
CANL
CANH
20 B
18 B
19 B
5
4
1 C
6 C
5 C
62 2D
GR
W
R
W-B
BR (*7)
B (RHD)
SB (RHD)
7 FE6
2 FE6
6 FE6
4
7
1
13
E62 Junction Connector
E67 Junction Connector
B (LHD)
SB (LHD)
14
3
12
1
B (RHD)
Y (RHD)
15
4
W (RHD)
E72 Junction Connector
E69 Junction Connector
E75 Junction Connector
6
3
5
CLTB
CLTE
CLTS
F9
Automatic Light Control Sensor
V
B
E1
E2

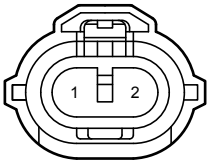


∗ 7 : w/ Entry & Start System
∗ 8 : w/o Entry & Start System
∗13 : Before Jan. 2012 Production Liftgate Type
∗14 : From Jan. 2012 Production Liftgate Type, Swing Type
∗15 : 1VD–FTV w/ DPF
∗16 : 1VD–FTV w/o DPF
∗17 : 3UR–FE, 1UR–FE

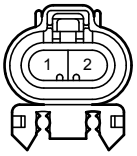
A 2
Black



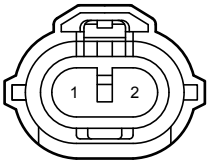
A 3
Black



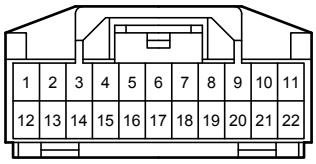
A 11
Black



A 12
Black



A 37
Blue



A 40
Gray



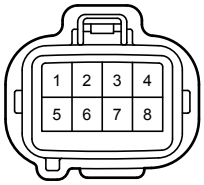
A 41
Gray



A 53
Black



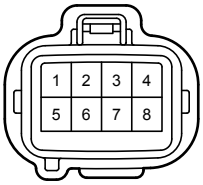
A 54
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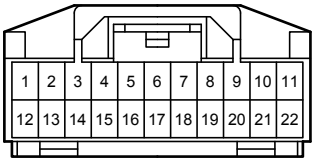
A 57
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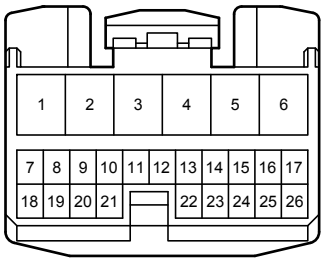
A 58
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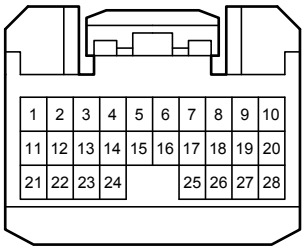
C 44
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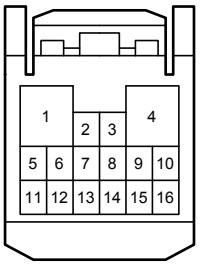
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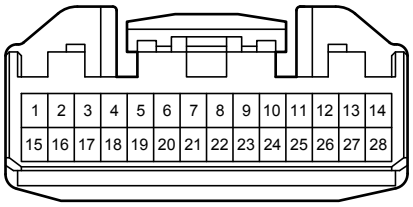
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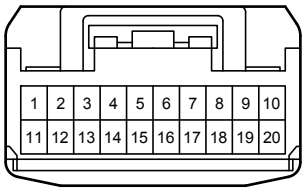
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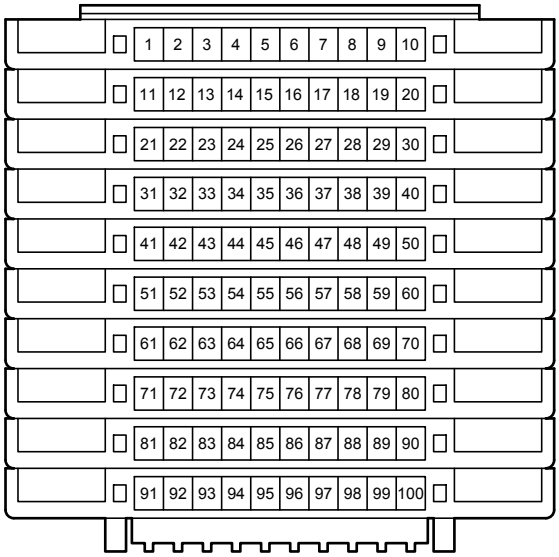
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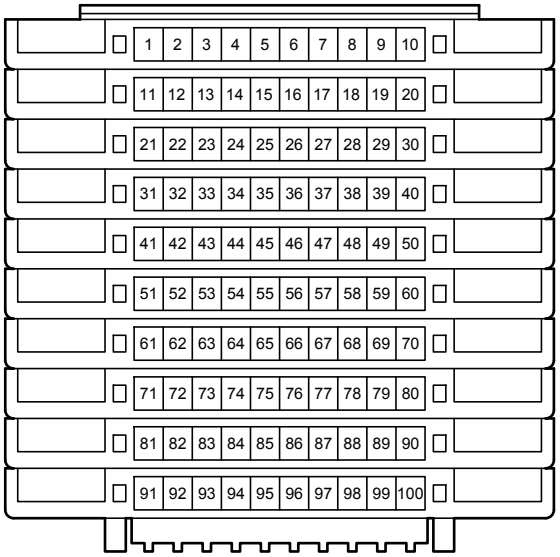
E 14
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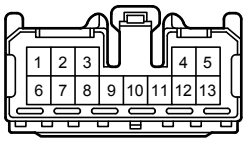
E 59



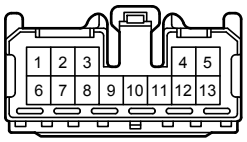
E 60



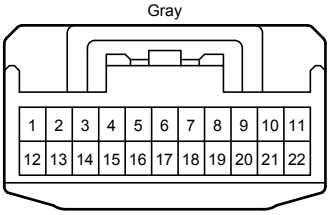
E 62
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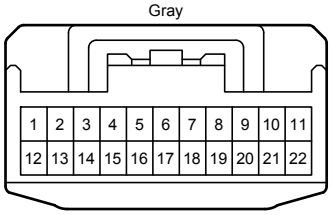
E 67
White



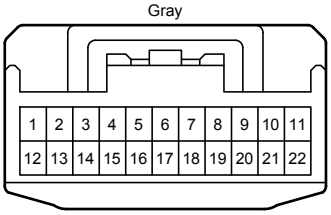
E 69
Gray



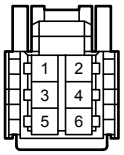
E 72
Gray



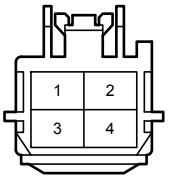
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Gray



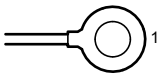
F 9
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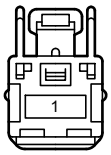
1H
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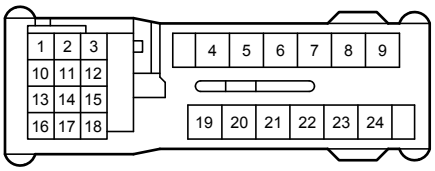
1I



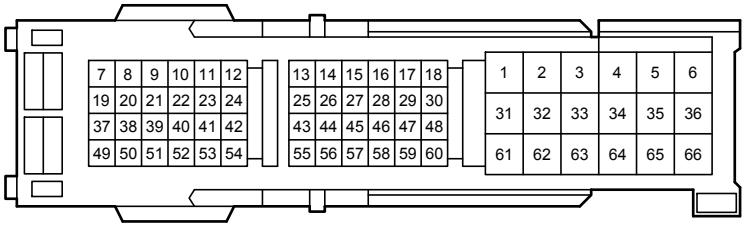
2A
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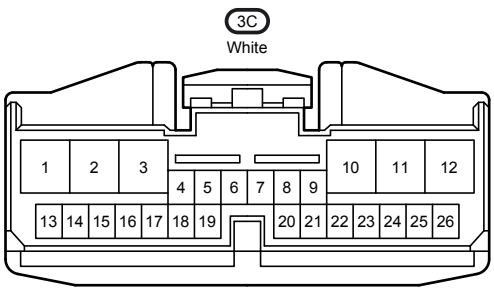


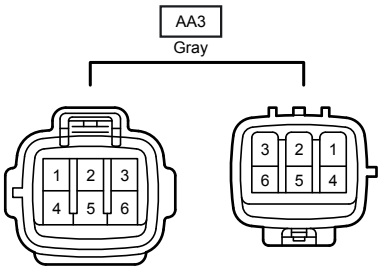
2B
White

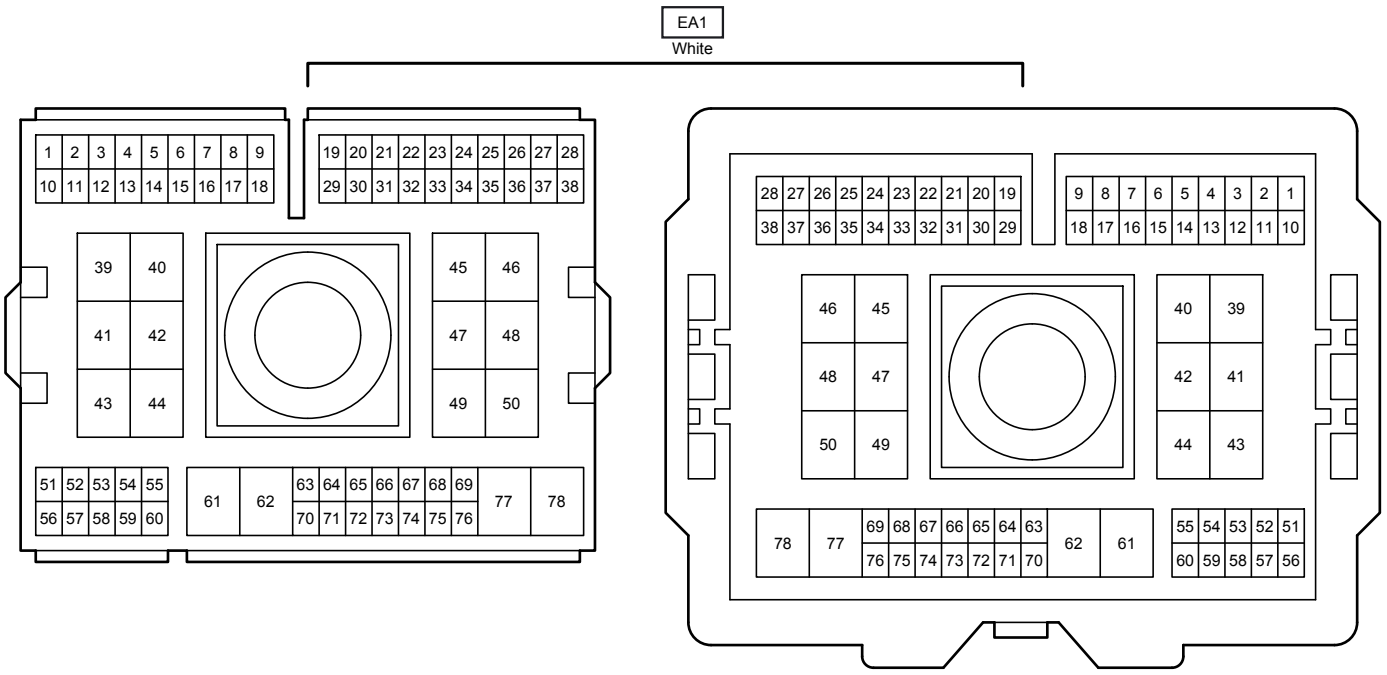


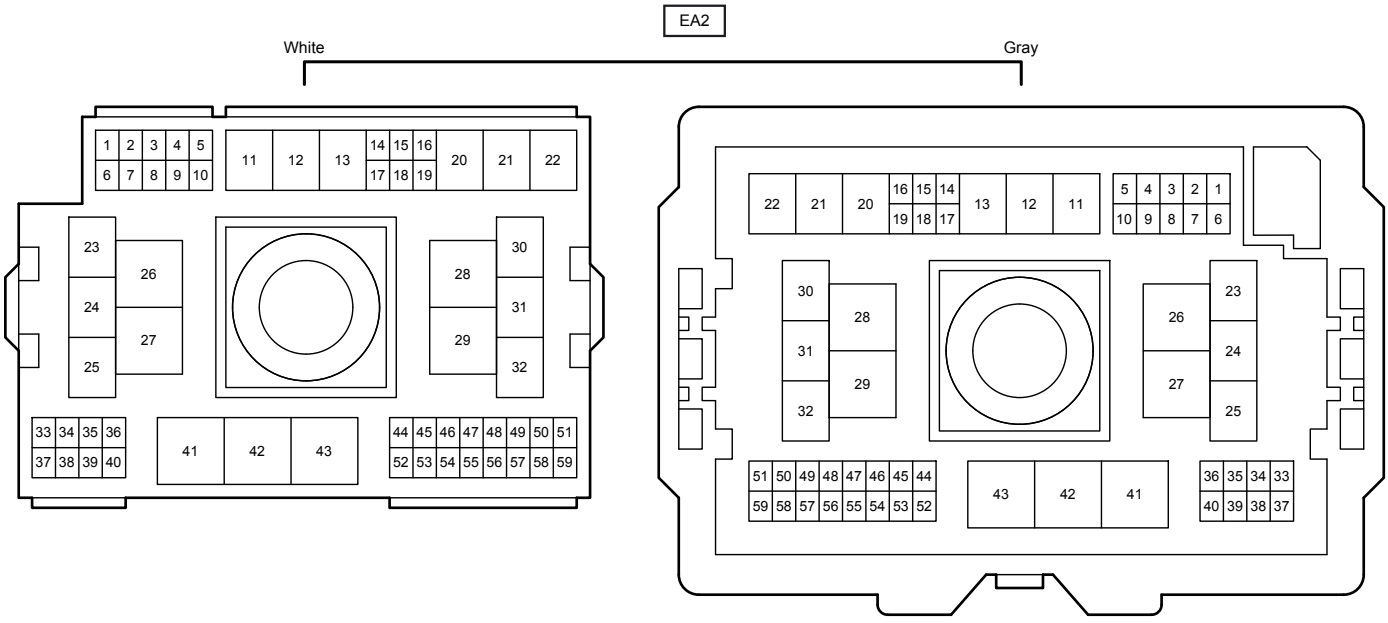
2D
White



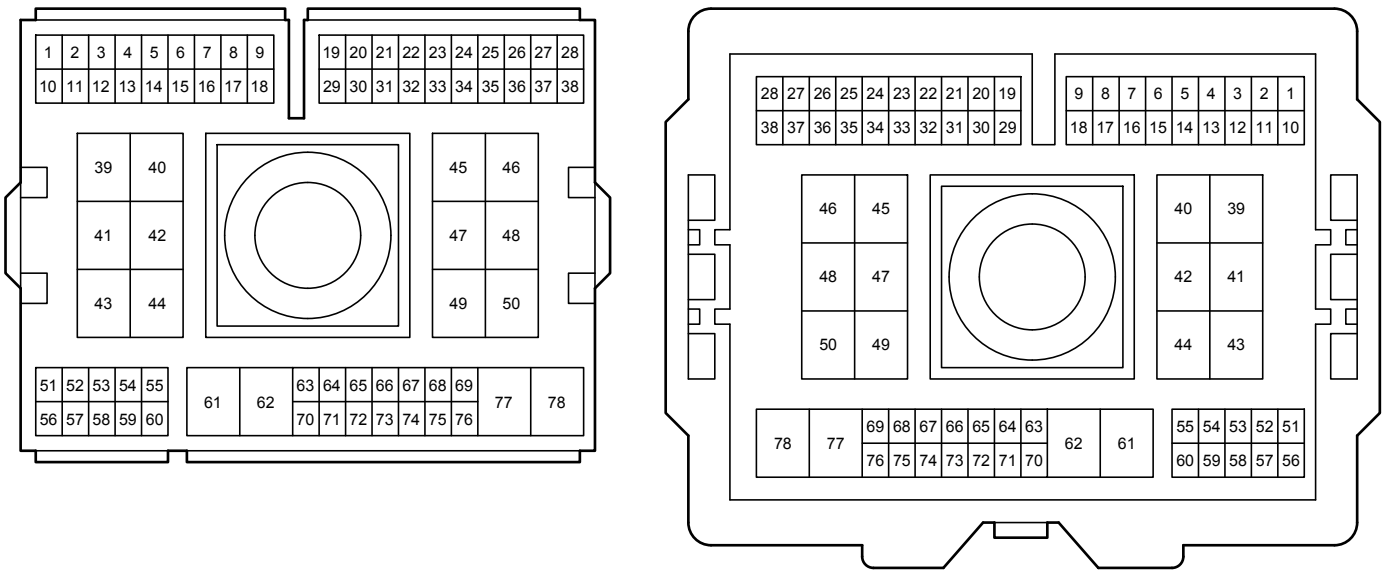

3C
White
1 2 3 10 11 12
4 5 6 7 8 9
13 14 15 16 17 18 19 20 21 22 23 24 25 26


AA3
Gray
1 2 3
4 5 6
3 2 1
6 5 4

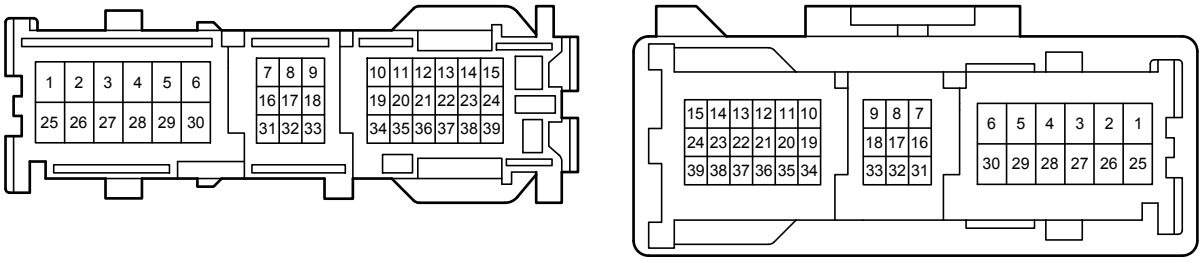

EA1
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45
48 47
50 49
40 39
42 41
44 43
78 77
69 68 67 66 65 64 63
76 75 74 73 72 71 70
62 61
55 54 53 52 51
60 59 58 57 56


EA2
White
Gray
1 2 3 4 5
6 7 8 9 10
11 12 13
14 15 16
17 18 19
20 21 22
23
24
25
26
27
28
29
30
31
32
33 34 35 36
37 38 39 40
41 42 43
44 45 46 47 48 49 50 51
52 53 54 55 56 57 58 59
22 21 20
16 15 14
19 18 17
13 12 11
5 4 3 2 1
10 9 8 7 6
30
31
32
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27
23
24
25
51 50 49 48 47 46 45 44
59 58 57 56 55 54 53 52
43 42 41
36 35 34 33
40 39 38 37

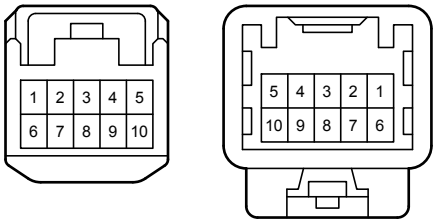
EA3
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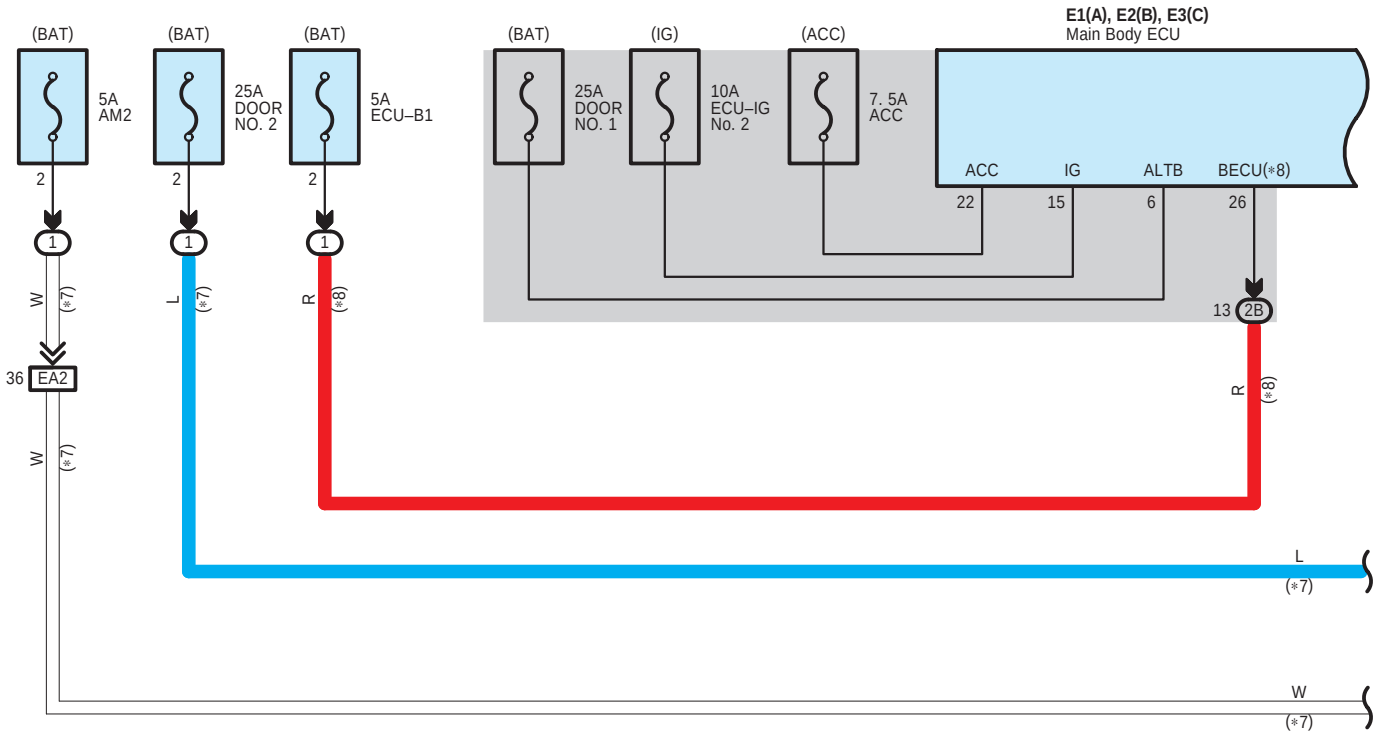


EA4
White

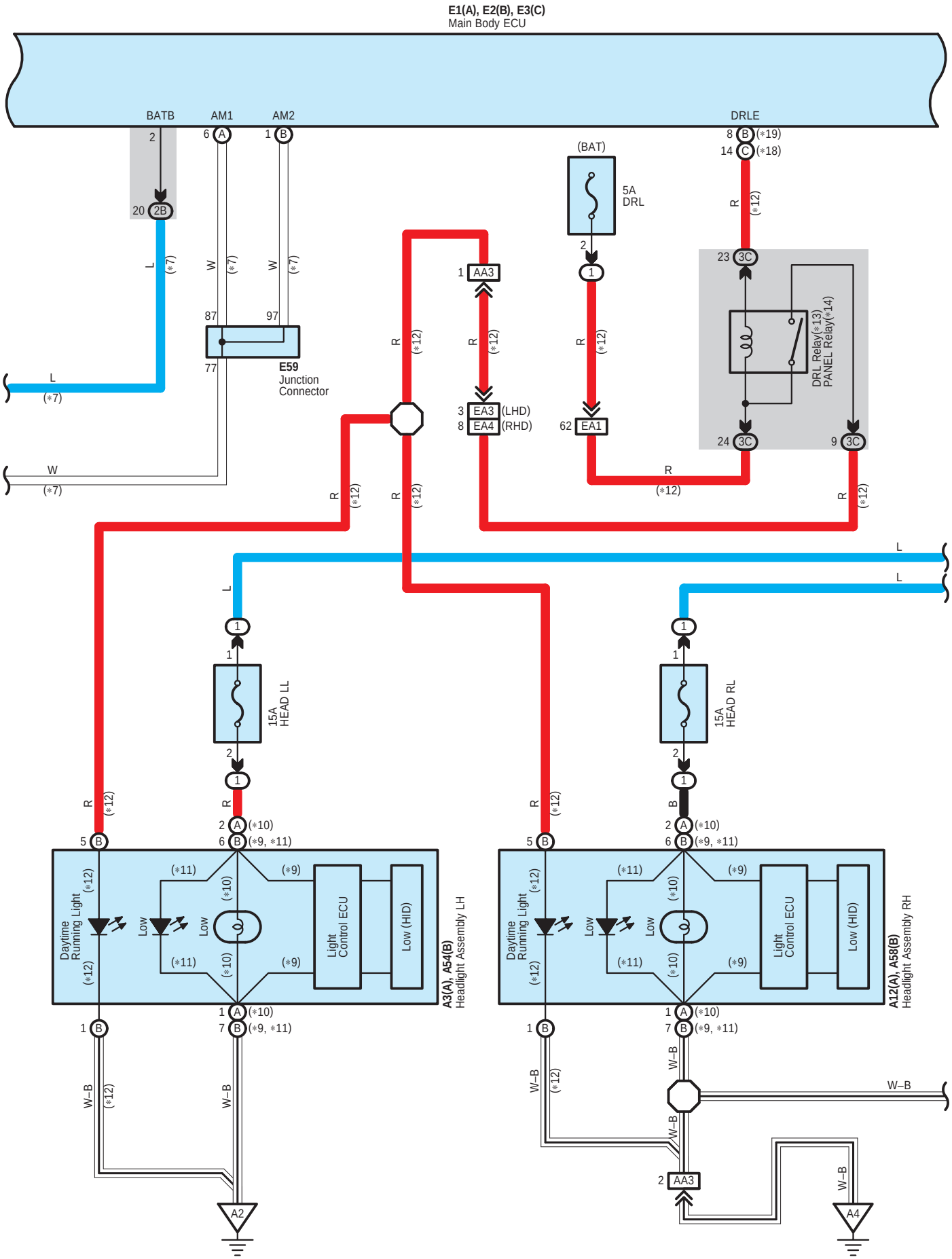


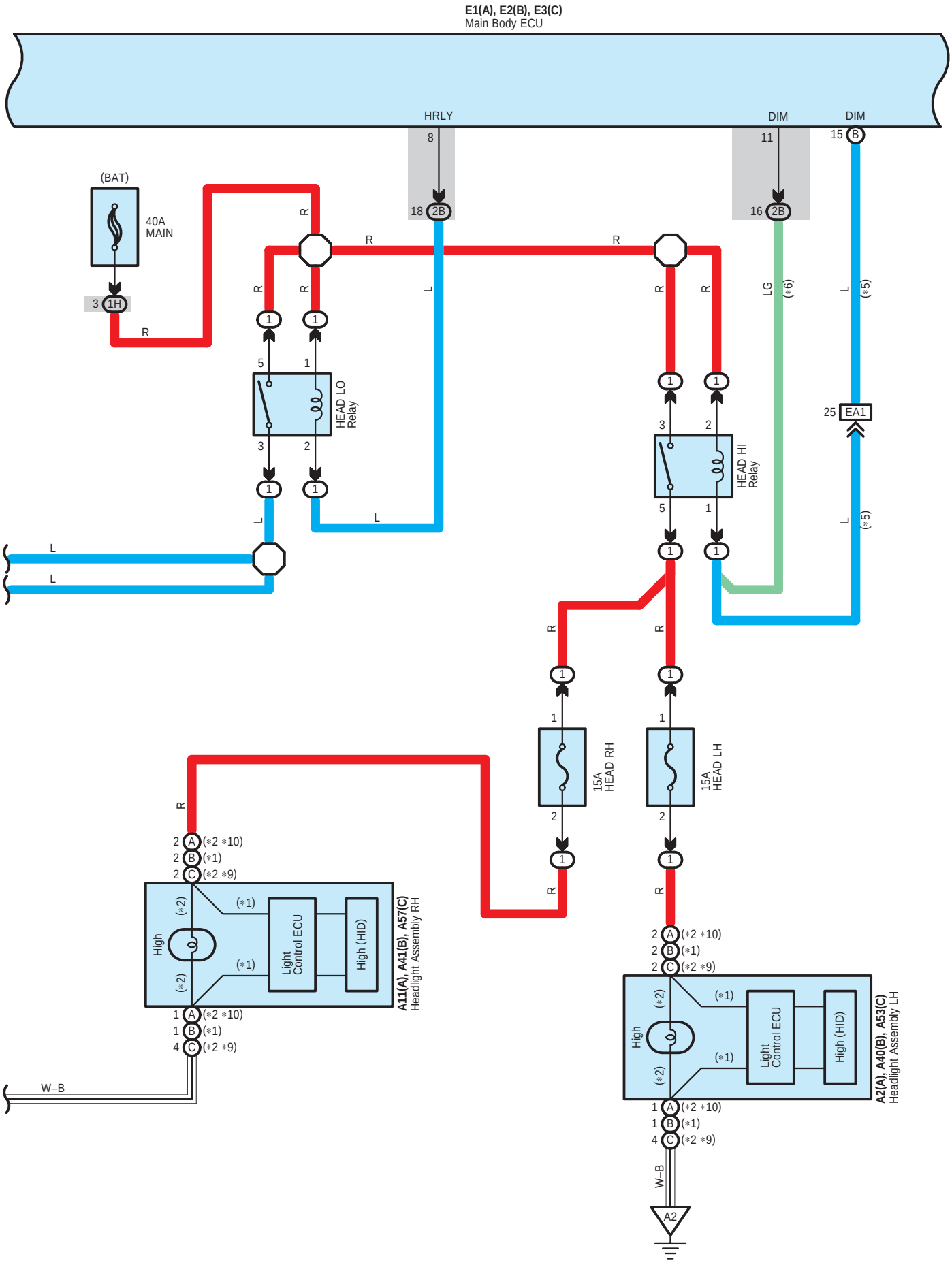
FE6
White

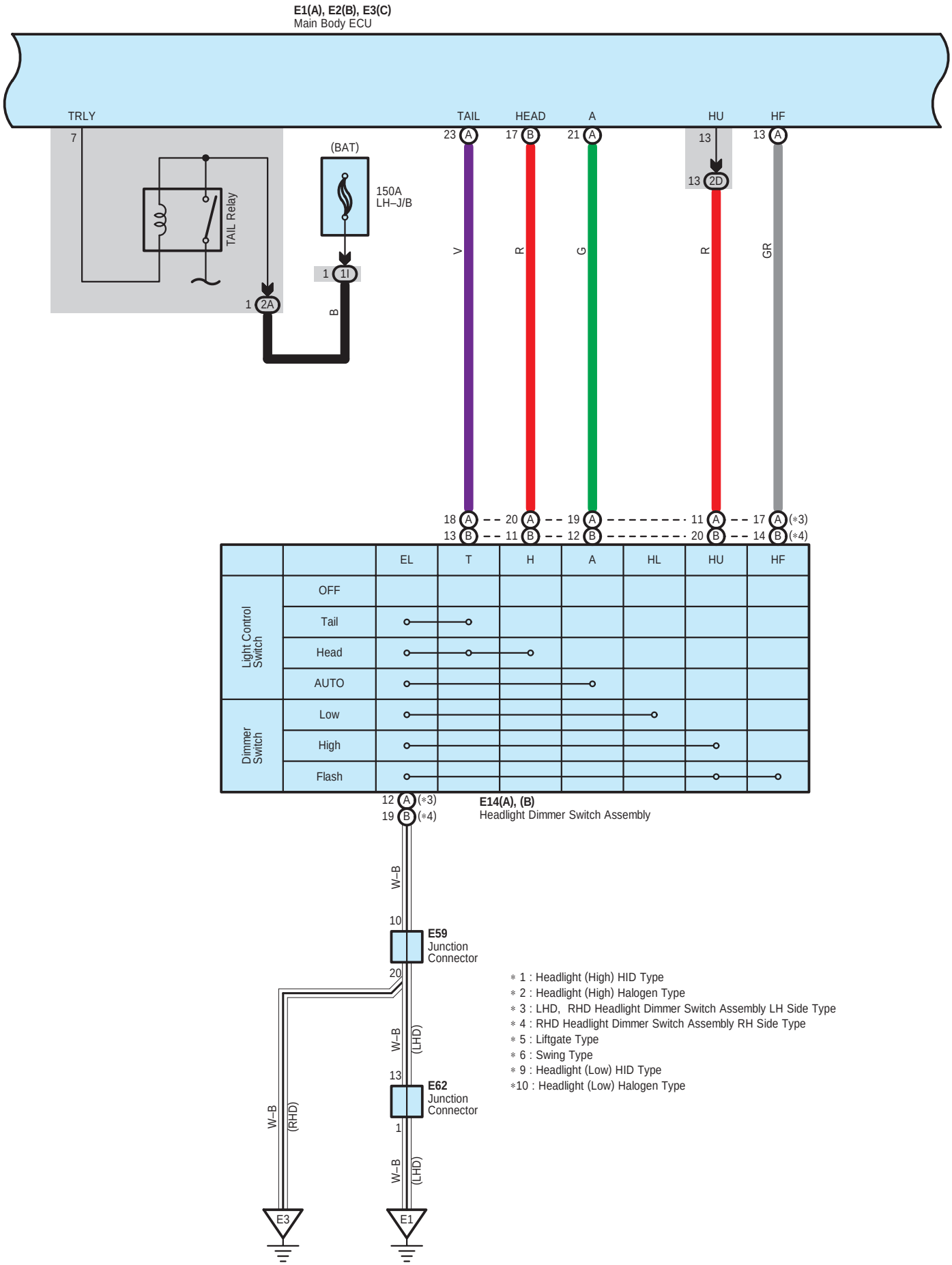


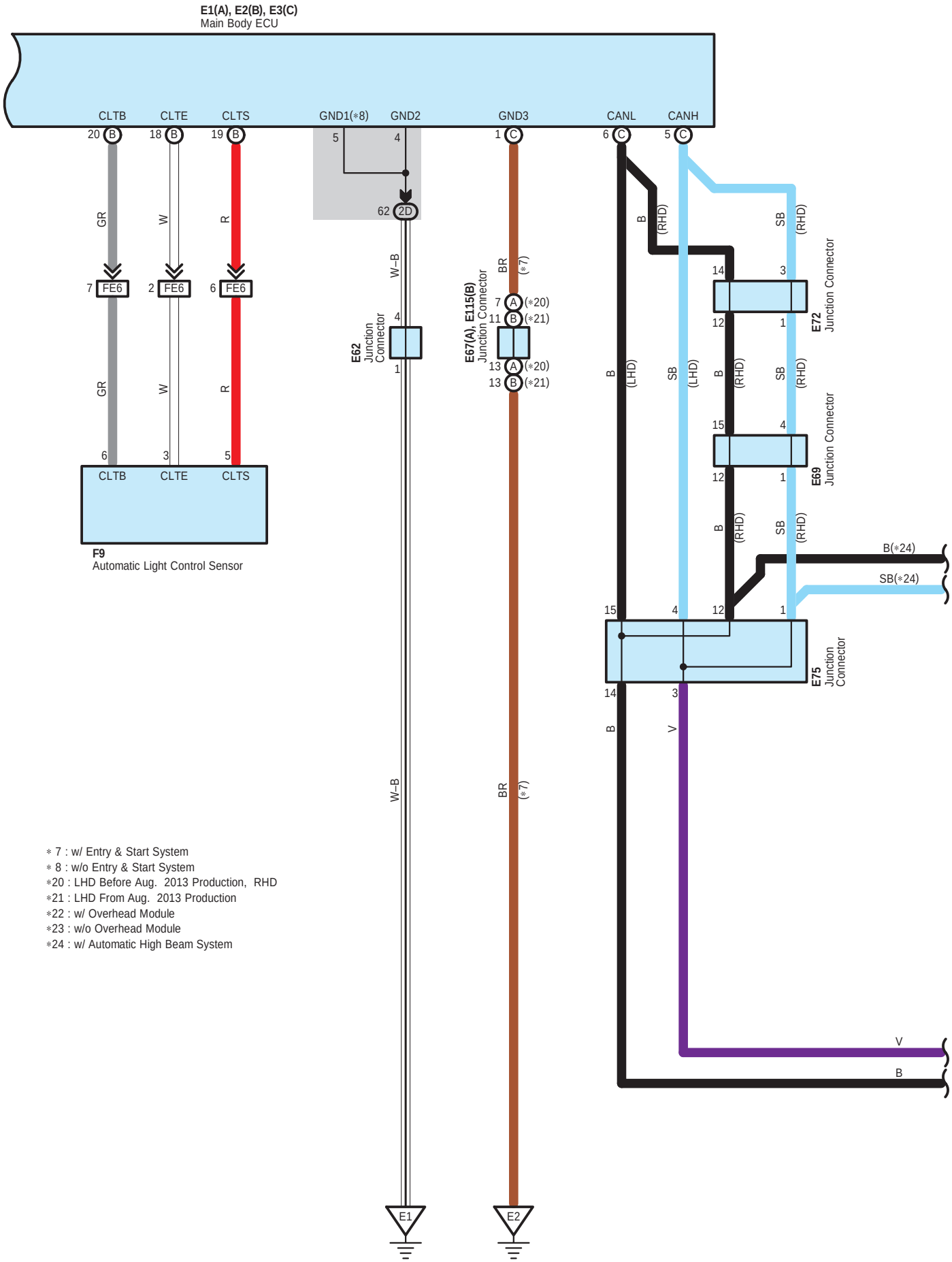


∗ 7 : w/ Entry & Start System
∗ 8 : w/o Entry & Start System
∗ 9 : Headlight (Low) HID Type
∗10 : Headlight (Low) Halogen Type
∗11 : Headlight (Low) LED Type
∗12 : w/ Daytime Running Light
∗13 : w/ Heated Windshield Defroster
∗14 : w/o Heated Windshield Defroster
∗18 : G. C. C.
∗19 : Except G. C. C.

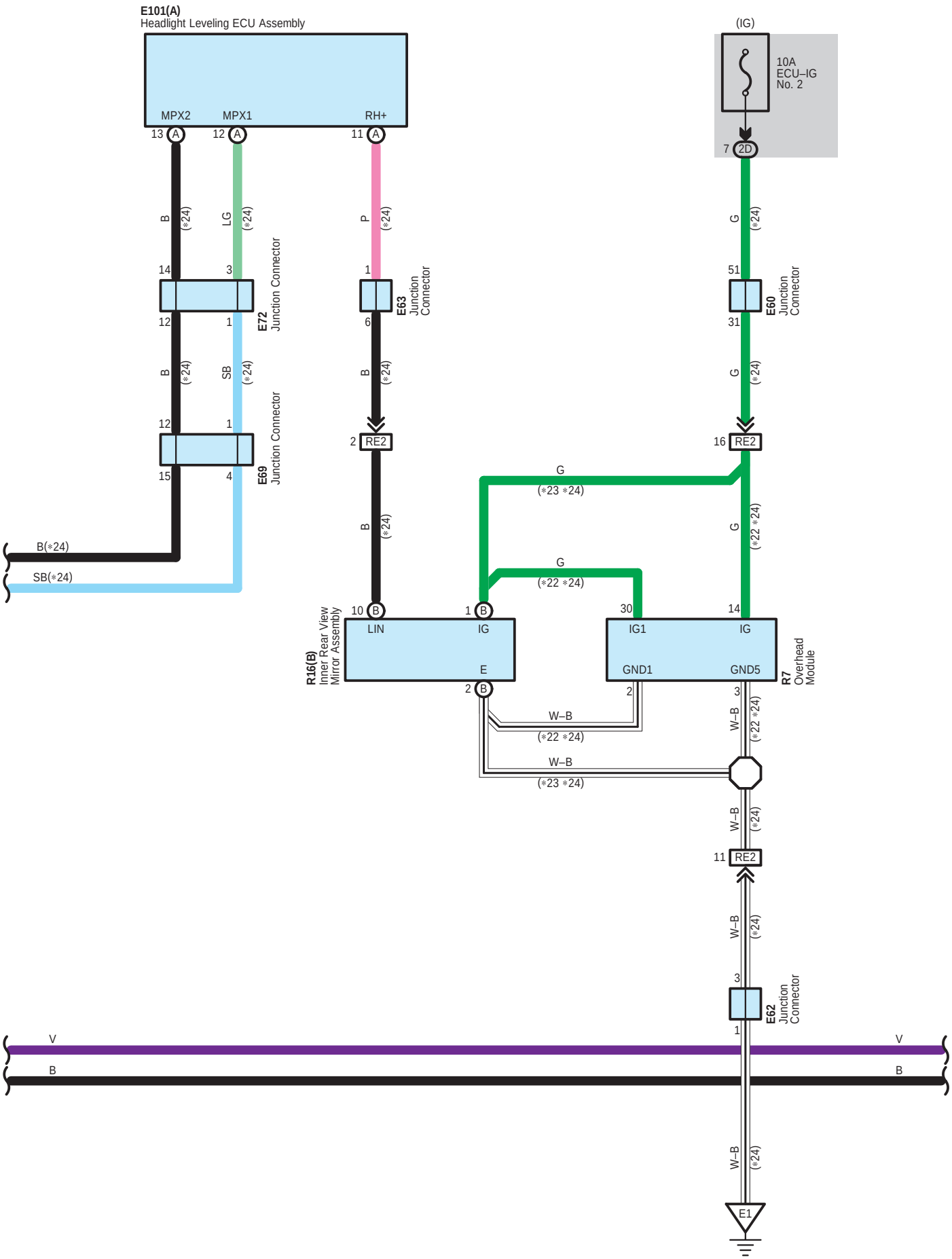

E1(A), E2(B), E3(C)
Main Body ECU
BATB
AM1
AM2
DRLE
(BAT)
5A
DRL
E59
Junction
Connector
DRL Relay(*13)
PANEL Relay(*14)
15A
HEAD LL
15A
HEAD RL
Daytime
Running Light
Low
Low
Light
Control ECU
Low (HID)
A3(A), A54(B)
Headlight Assembly LH
A12(A), A58(B)
Headlight Assembly RH
W–B
A2
A4

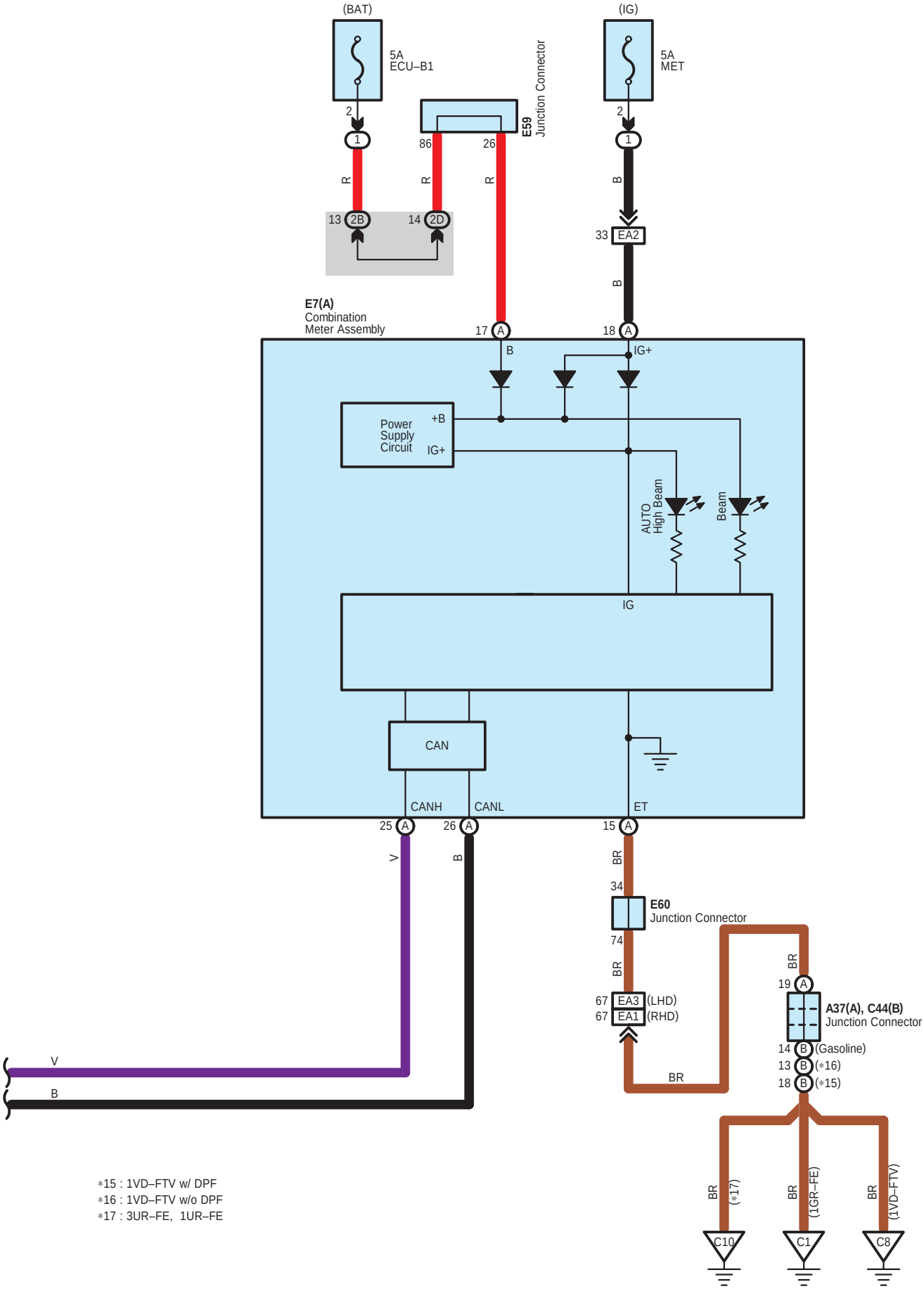

E1(A), E2(B), E3(C)
Main Body ECU
HRLY
8
18 2B
DIM
11
16 2B
DIM
15 B
25 EA1
(BAT)
40A
MAIN
3 1H
HEAD LO
Relay
HEAD HI
Relay
15A
HEAD RH
15A
HEAD LH
R
L
LG
(*5)
(*6)
2 A (*2 *10)
2 B (*1)
2 C (*2 *9)
1 A (*2 *10)
1 B (*1)
4 C (*2 *9)
High
(*2)
(*1)
Light
Control ECU
High (HID)
A11(A), A41(B), A57(C)
Headlight Assembly RH
A2(A), A40(B), A53(C)
Headlight Assembly LH
W–B
A2


E1(A), E2(B), E3(C)
Main Body ECU
TRLY
7
TAIL Relay
(BAT)
150A
LH–J/B
1 1I
1 2A
B
TAIL
HEAD
A
HU
HF
23 A
17 B
21 A
13
13 2D
13 A
V
R
G
R
GR
18 A
13 B
20 A
11 B
19 A
12 B
11 A
20 B
17 A (*3)
14 B (*4)
EL
T
H
A
HL
HU
HF
Light Control Switch
OFF
Tail
Head
AUTO
Dimmer Switch
Low
High
Flash
12 A (*3)
19 B (*4)
E14(A), (B)
Headlight Dimmer Switch Assembly
W–B
10
E59
Junction Connector
20
W–B
(LHD)
13
E62
Junction Connector
1
W–B
(LHD)
W–B
(RHD)
E3
E1
* 1 : Headlight (High) HID Type
* 2 : Headlight (High) Halogen Type
* 3 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 4 : RHD Headlight Dimmer Switch Assembly RH Side Type
* 5 : Liftgate Type
* 6 : Swing Type
* 9 : Headlight (Low) HID Type
*10 : Headlight (Low) Halogen Type



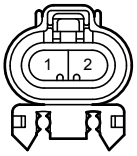
∗ 7 : w/ Entry & Start System
∗ 8 : w/o Entry & Start System
∗20 : LHD Before Aug. 2013 Production, RHD
∗21 : LHD From Aug. 2013 Production
∗22 : w/ Overhead Module
∗23 : w/o Overhead Module
∗24 : w/ Automatic High Beam System


E101(A)
Headlight Leveling ECU Assembly
MPX2
MPX1
RH+
13 A
12 A
11 A
(IG)
10A
ECU–IG
No. 2
7 2D
B (*24)
LG (*24)
P (*24)
G (*24)
14
3
1
51
E72 Junction Connector
E63 Junction Connector
E60 Junction Connector
12
1
6
31
B (*24)
SB (*24)
B (*24)
G (*24)
12
1
2 RE2
16 RE2
E69 Junction Connector
15
4
G (*23 *24)
G (*22 *24)
B(*24)
SB(*24)
B (*24)
G (*22 *24)
G (*22 *24)
10 B
1 B
30
14
R16(B) Inner Rear View Mirror Assembly
LIN
IG
E
IG1
IG
GND1
GND5
R7 Overhead Module
2 B
2
3
W–B (*22 *24)
W–B (*22 *24)
W–B (*23 *24)
W–B (*22 *24)
W–B (*24)
11 RE2
W–B (*24)
3
E62 Junction Connector
1
V
B
V
B
W–B (*24)
E1

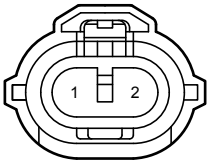


*15 : 1VD–FTV w/ DPF
*16 : 1VD–FTV w/o DPF
*17 : 3UR–FE, 1UR–FE

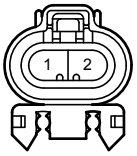
A 2
Black



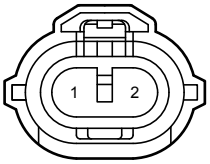
A 3
Black



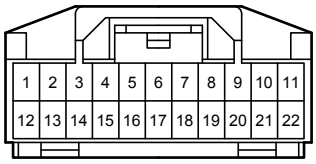
A 11
Black



A 12
Black



A 37
Blue



A 40
Gray



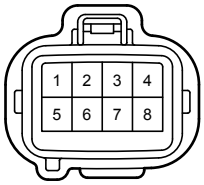
A 41
Gray



A 53
Black



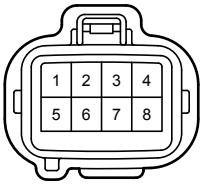
A 54
Black



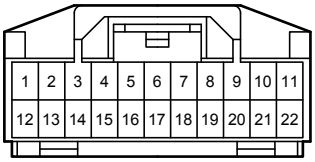
A 57
Black



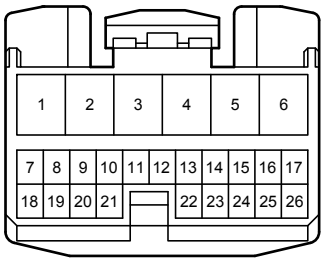
A 58
Black



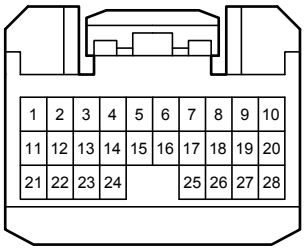
C 44
Blue



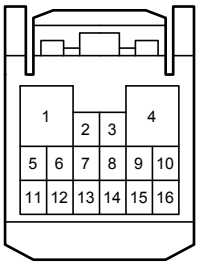
E 1
White



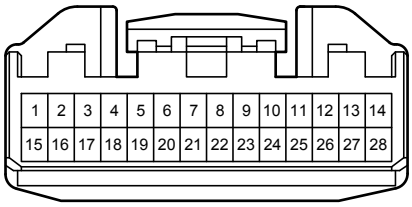
E 2
White



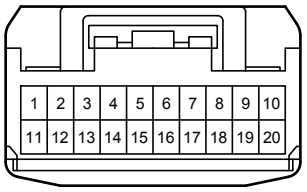
E 3
White



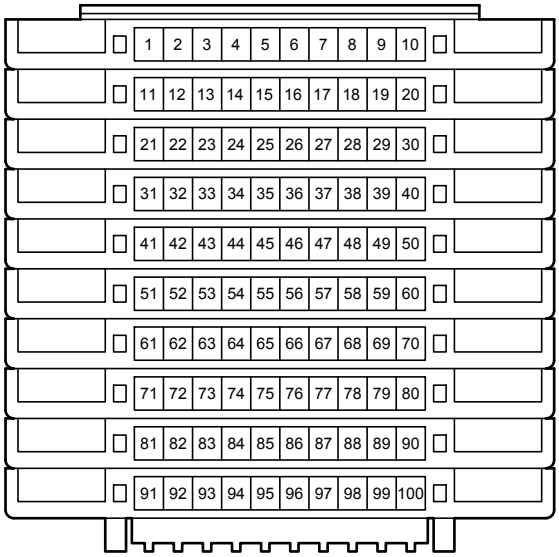
E 7
White



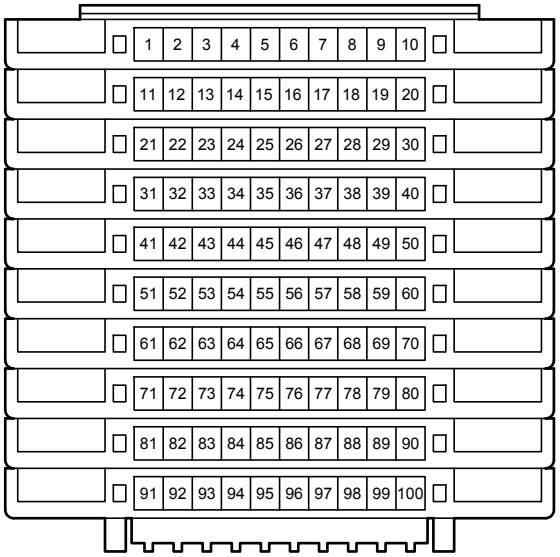
E 14
White



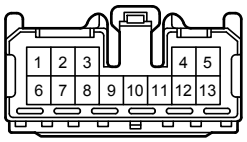
E 59



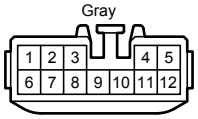
E 60



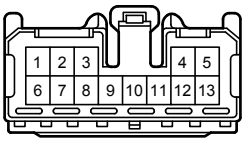
E 62
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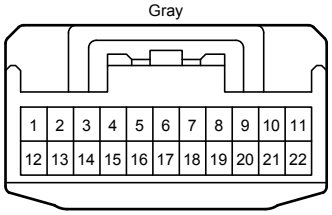
E 63
Gray



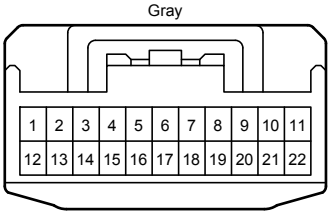
E 67
White



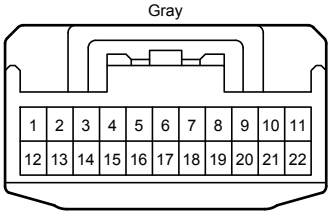
E 69
Gray



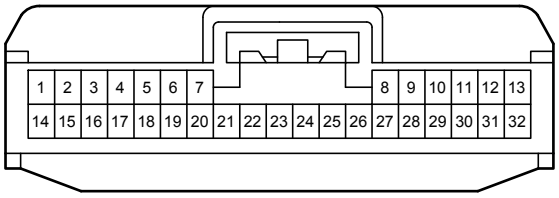
E 72
Gray



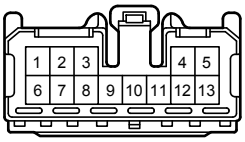
E 75
Gray



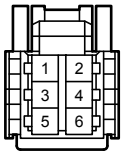
E101
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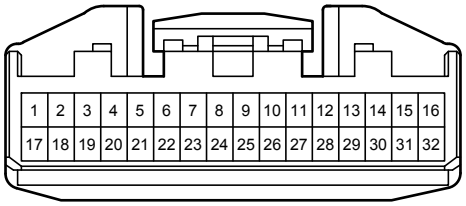
E115
White



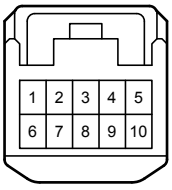
F 9
Black



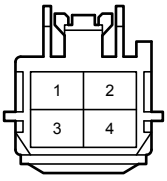
R 7
White



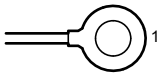
R 16
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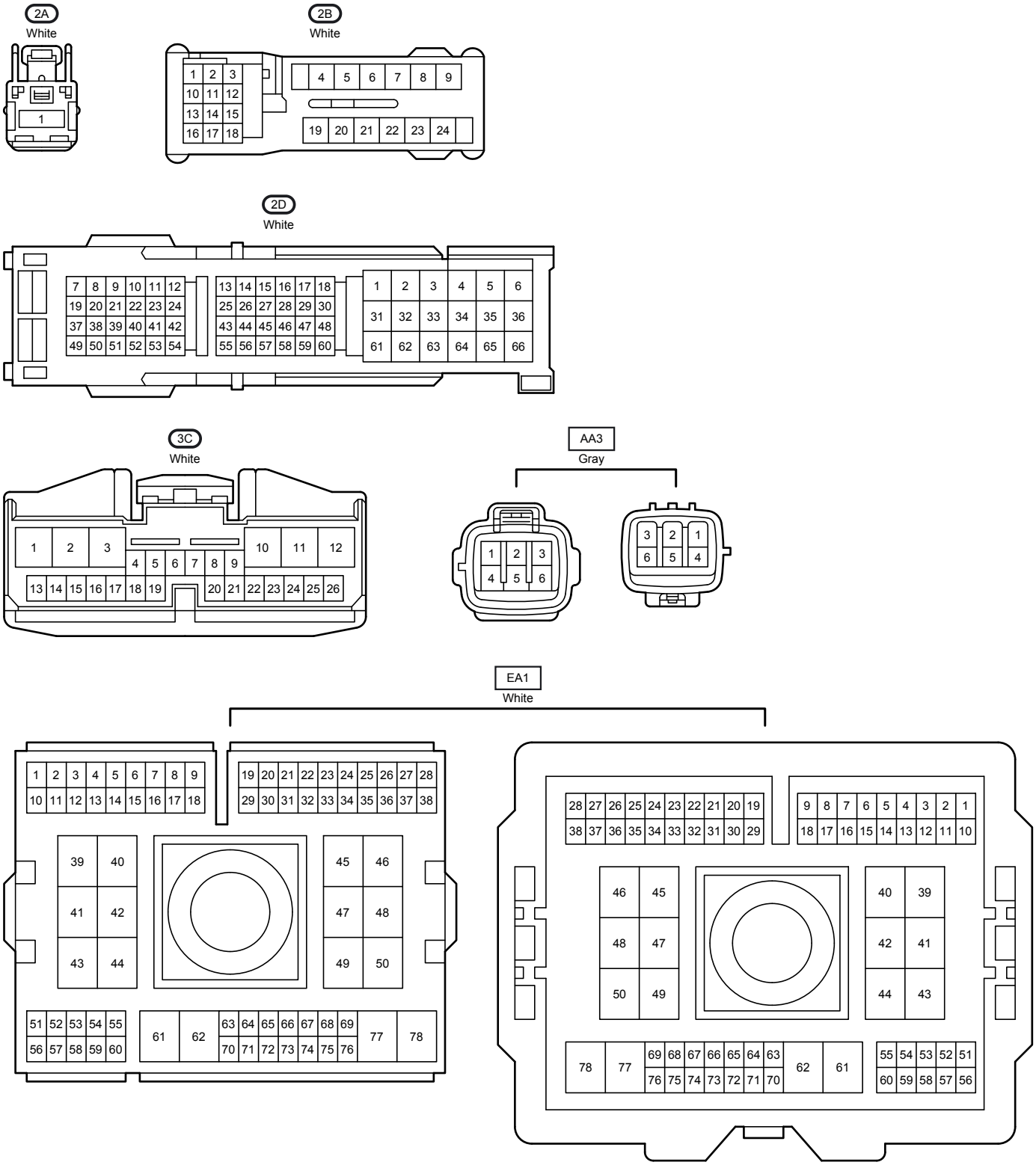


1H
White



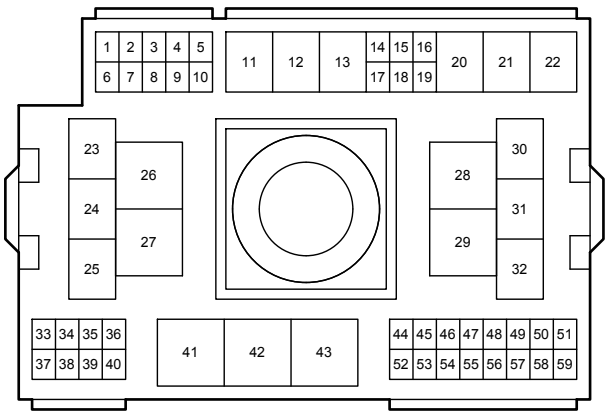
1I



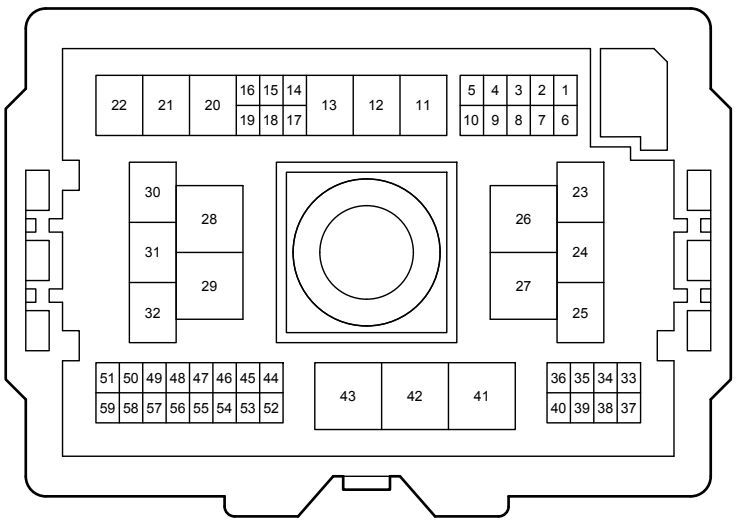

2A
White
1
2B
White
1 2 3
10 11 12
13 14 15
16 17 18
4 5 6 7 8 9
19 20 21 22 23 24
2D
White
7 8 9 10 11 12
19 20 21 22 23 24
37 38 39 40 41 42
49 50 51 52 53 54
13 14 15 16 17 18
25 26 27 28 29 30
43 44 45 46 47 48
55 56 57 58 59 60
1 2 3 4 5 6
31 32 33 34 35 36
61 62 63 64 65 66
3C
White
1 2 3 4 5 6 7 8 9 10 11 12
13 14 15 16 17 18 19 20 21 22 23 24 25 26
AA3
Gray
1 2 3
4 5 6
3 2 1
6 5 4
EA1
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45
48 47
50 49
40 39
42 41
44 43
78 77
69 68 67 66 65 64 63
76 75 74 73 72 71 70
62 61
55 54 53 52 51
60 59 58 57 56

EA2

White

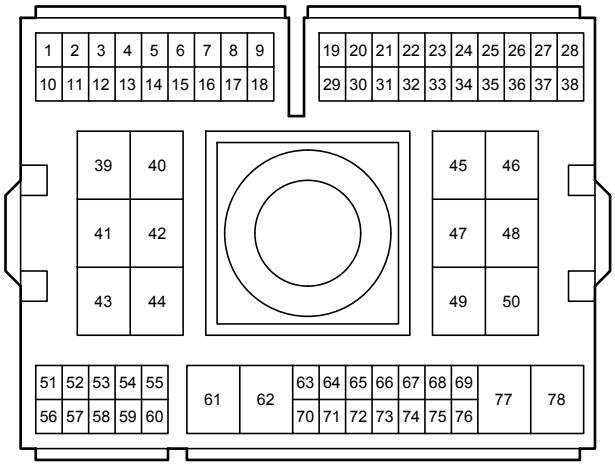


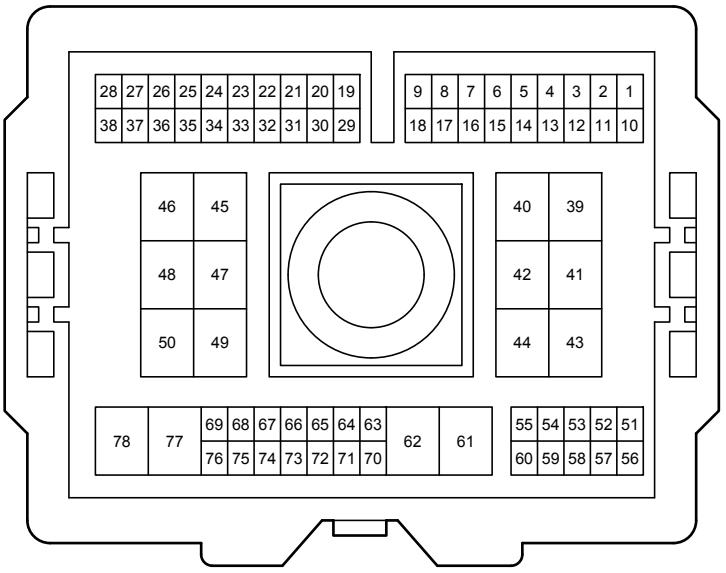
Gray



EA3

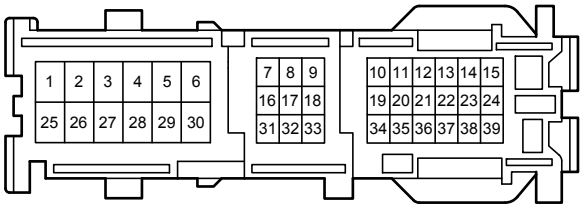
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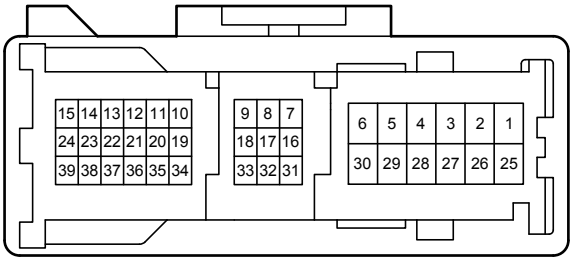


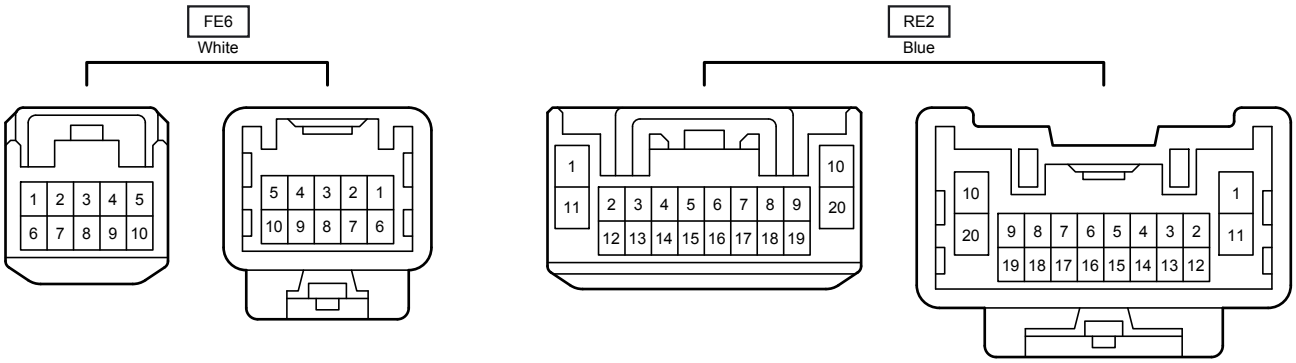


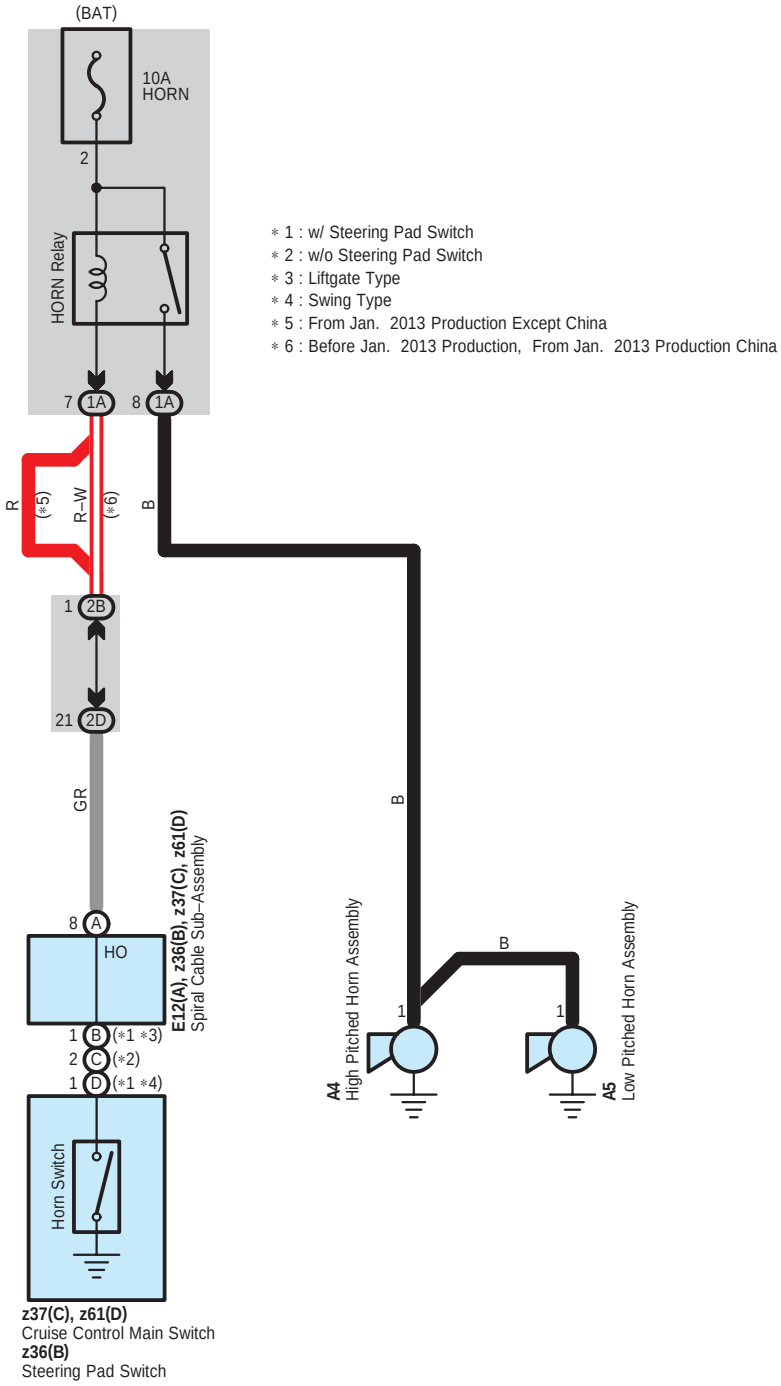
EA4

White

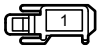





FE6
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
RE2
Blue
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11


(BAT)
10A
HORN
2
HORN Relay
7 1A
8 1A
R
(*5)
R–W
(*6)
B
1 2B
21 2D
GR
8 A
HO
E12(A), z36(B), z37(C), z61(D)
Spiral Cable Sub–Assembly
1 B (*1 *3)
2 C (*2)
1 D (*1 *4)
Horn Switch
z37(C), z61(D)
Cruise Control Main Switch
z36(B)
Steering Pad Switch
B
B
1
1
A4
High Pitched Horn Assembly
A5
Low Pitched Horn Assembly
* 1 : w/ Steering Pad Switch
* 2 : w/o Steering Pad Switch
* 3 : Liftgate Type
* 4 : Swing Type
* 5 : From Jan. 2013 Production Except China
* 6 : Before Jan. 2013 Production, From Jan. 2013 Production China

A 4
Black



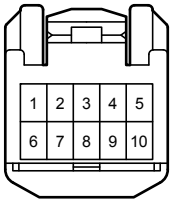
A 5
Black



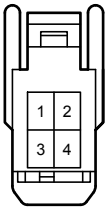
E 12
Black



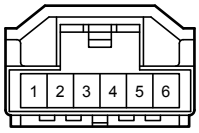
z 36
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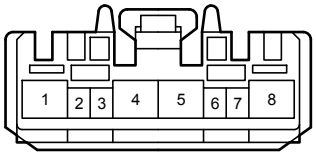
z 37
White



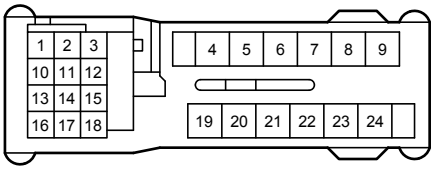
z 61
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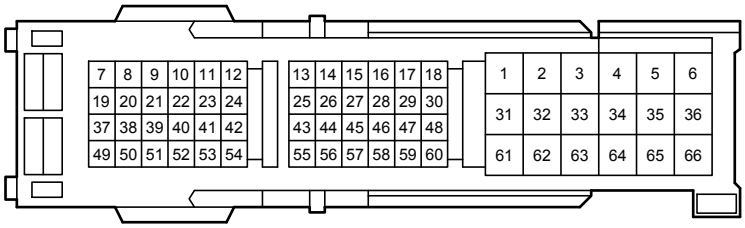
1A
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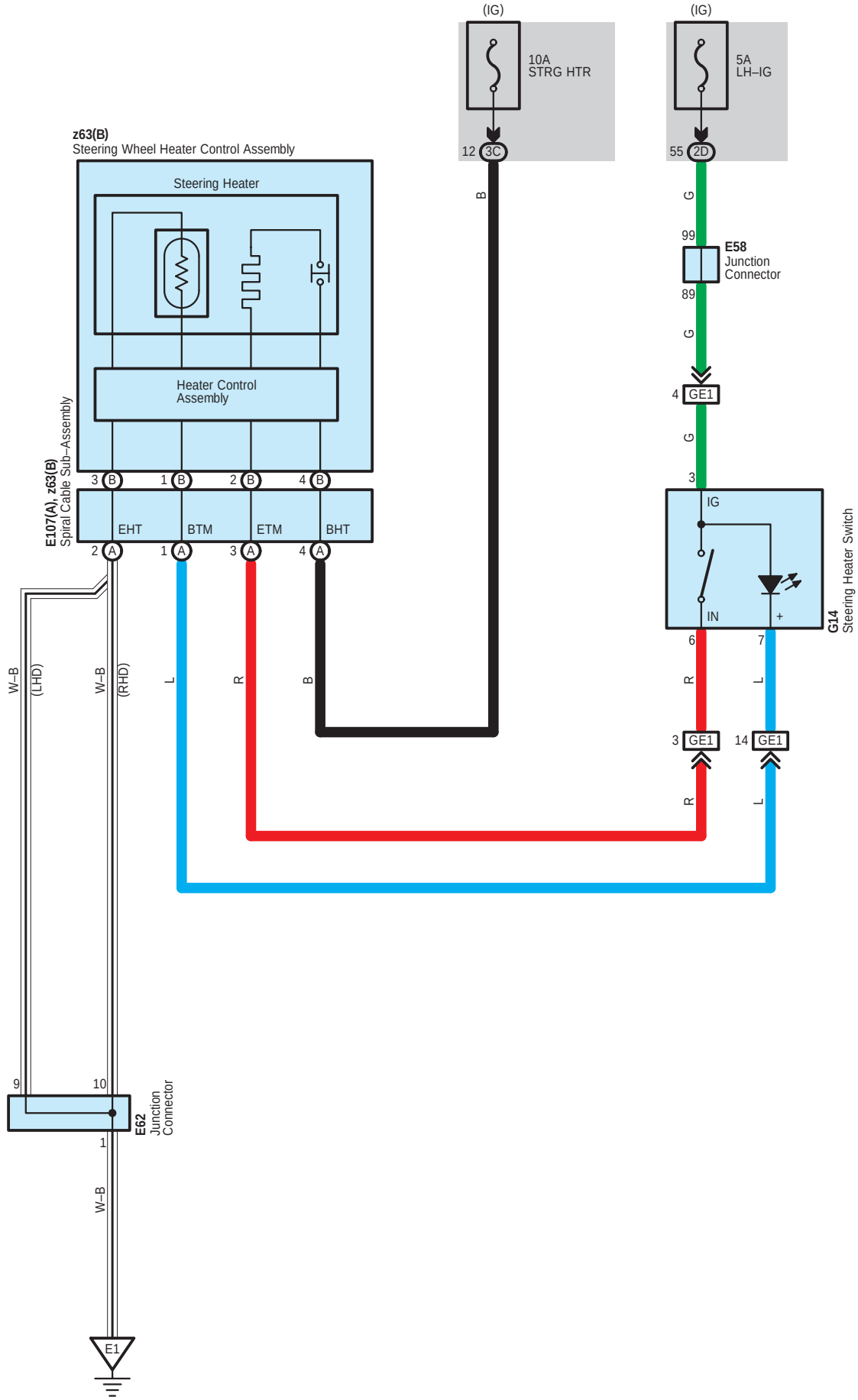


2B
White

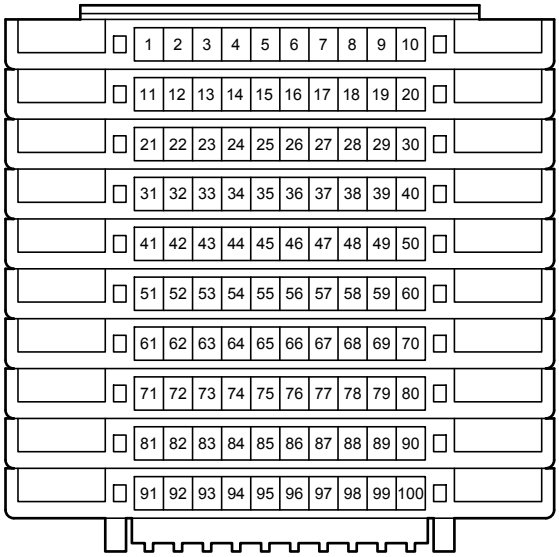


2D
White

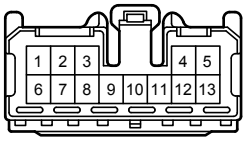



(IG)
10A
STRG HTR
12
3C
B
(IG)
5A
LH–IG
55
2D
G
99
E58
Junction
Connector
89
G
4
GE1
G
3
IG
IN
+
G14
Steering Heater Switch
6
7
R
L
3
GE1
14
GE1
R
L
z63(B)
Steering Wheel Heater Control Assembly
Steering Heater
Heater Control
Assembly
E107(A), z63(B)
Spiral Cable Sub–Assembly
3
B
1
B
2
B
4
B
EHT
BTM
ETM
BHT
2
A
1
A
3
A
4
A
L
R
B
W–B
(LHD)
W–B
(RHD)
9
10
E62
Junction
Connector
1
W–B
E1

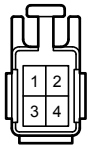
E 58



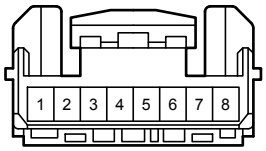
E 62
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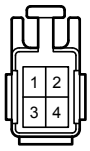
E107
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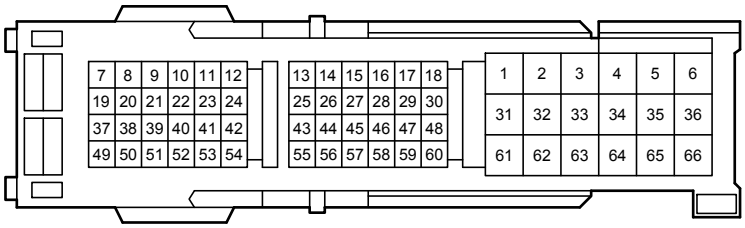
G 14
Black



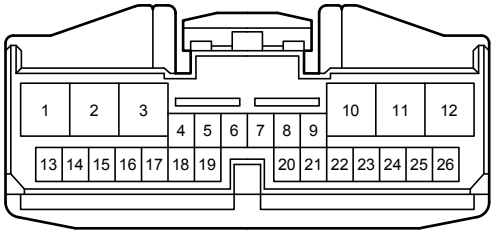
z 63
White



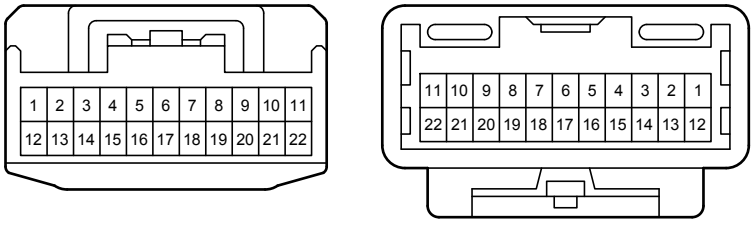
2D
White

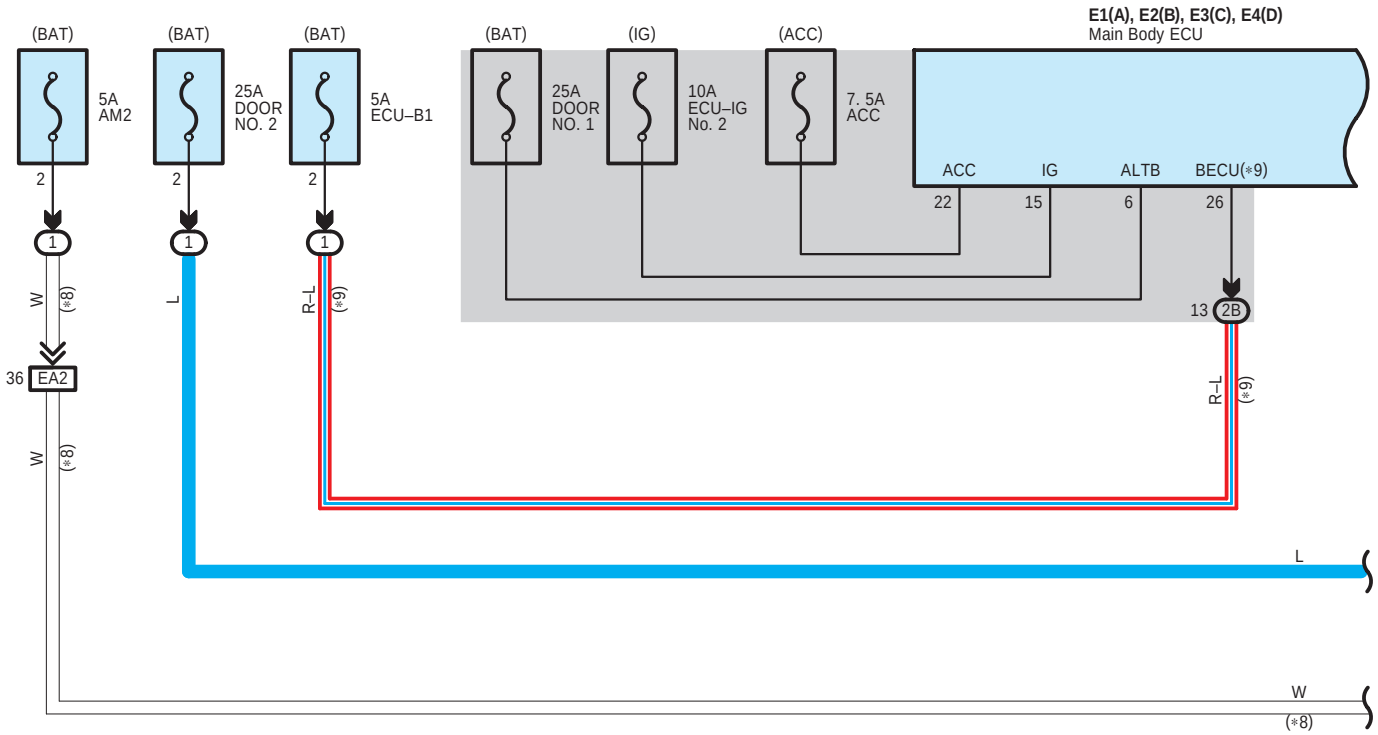


3C
White

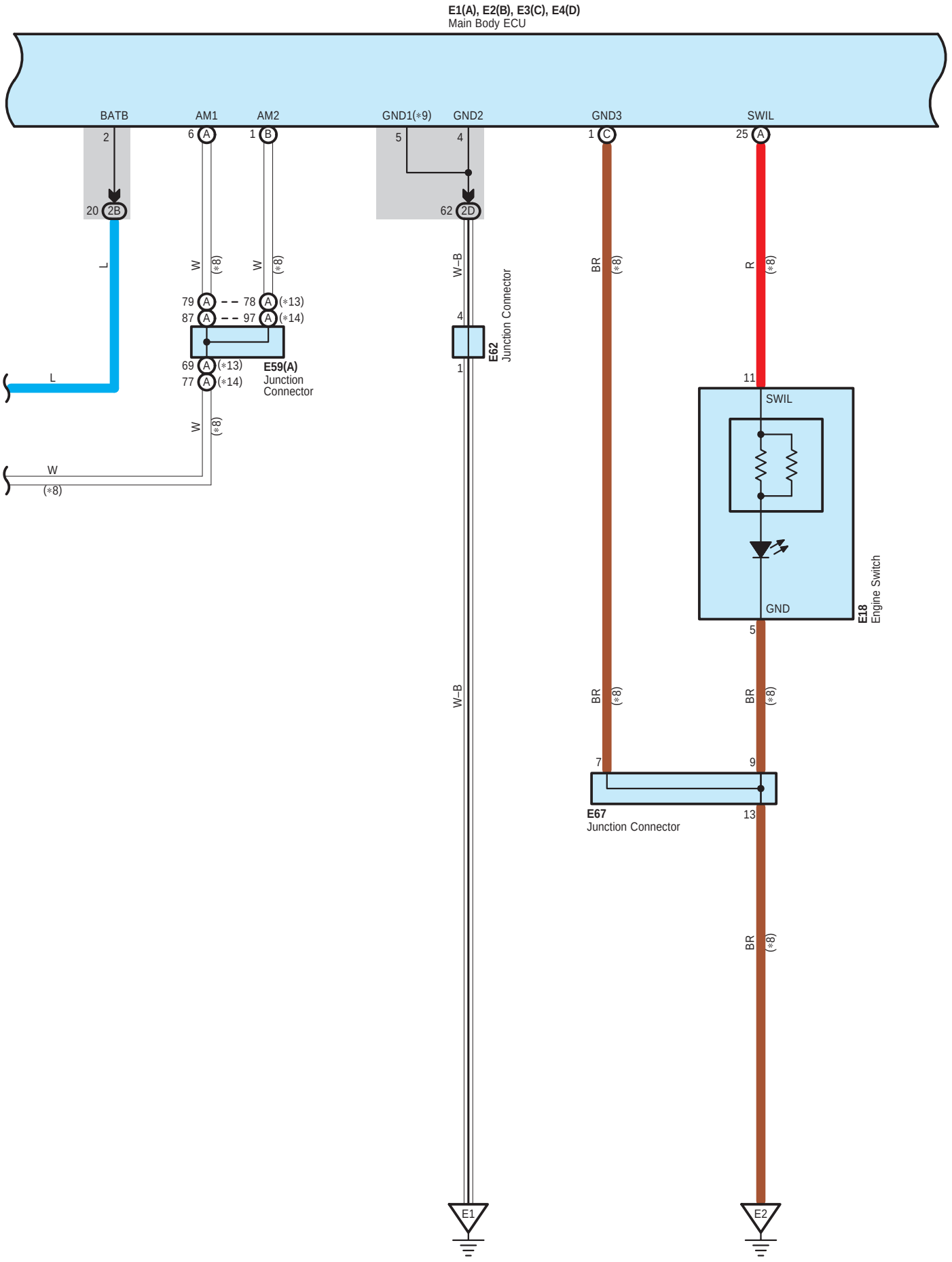


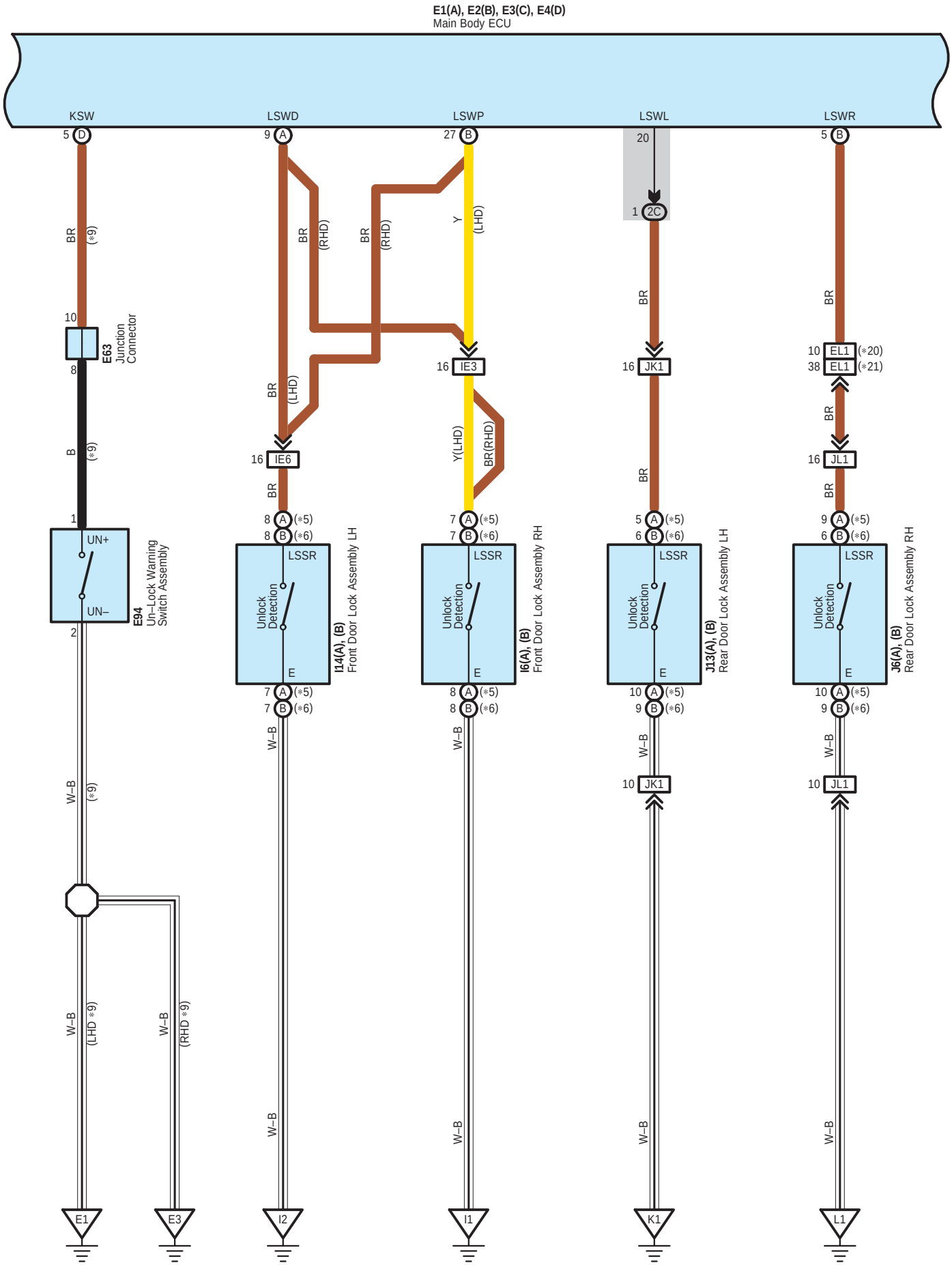
GE1
White

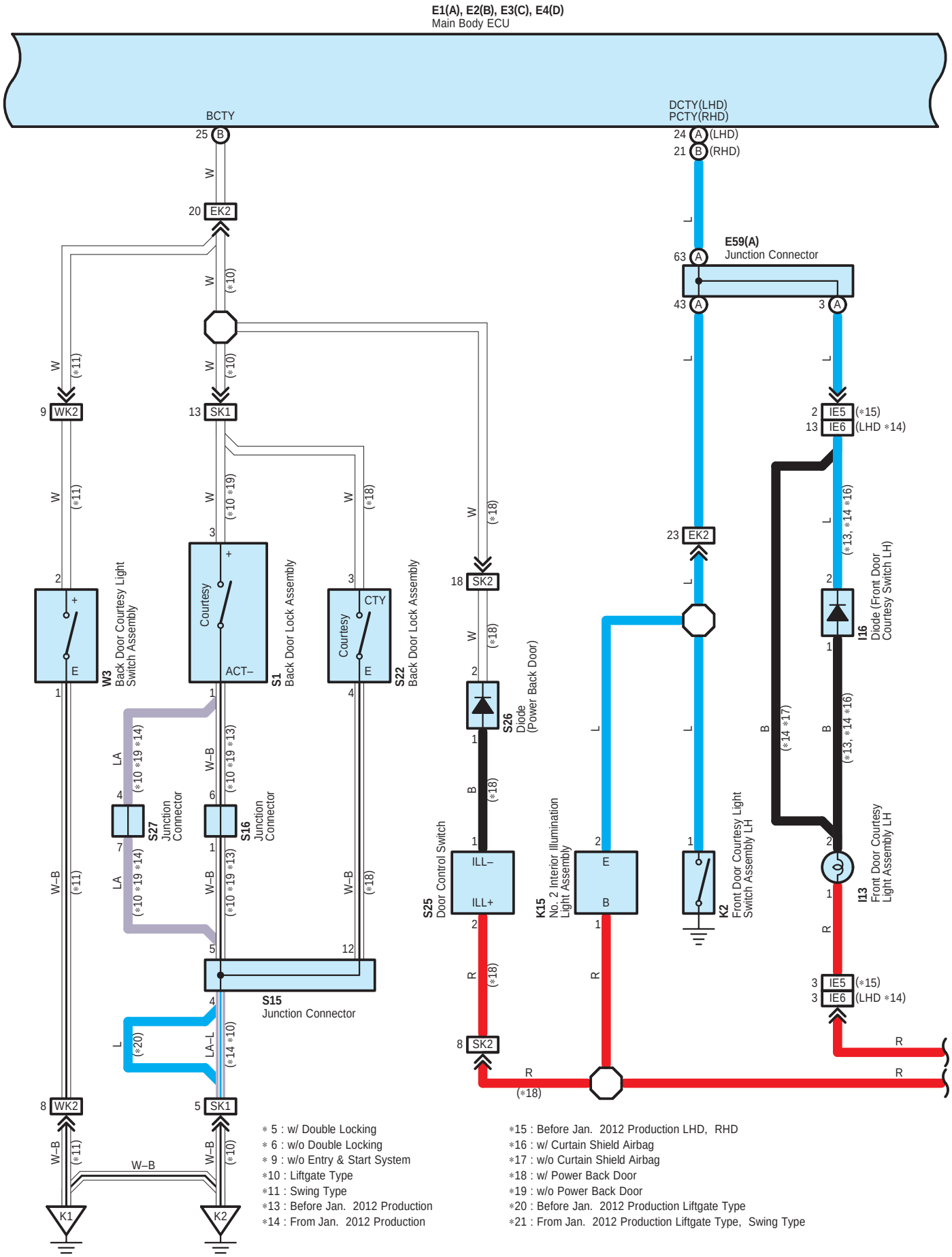




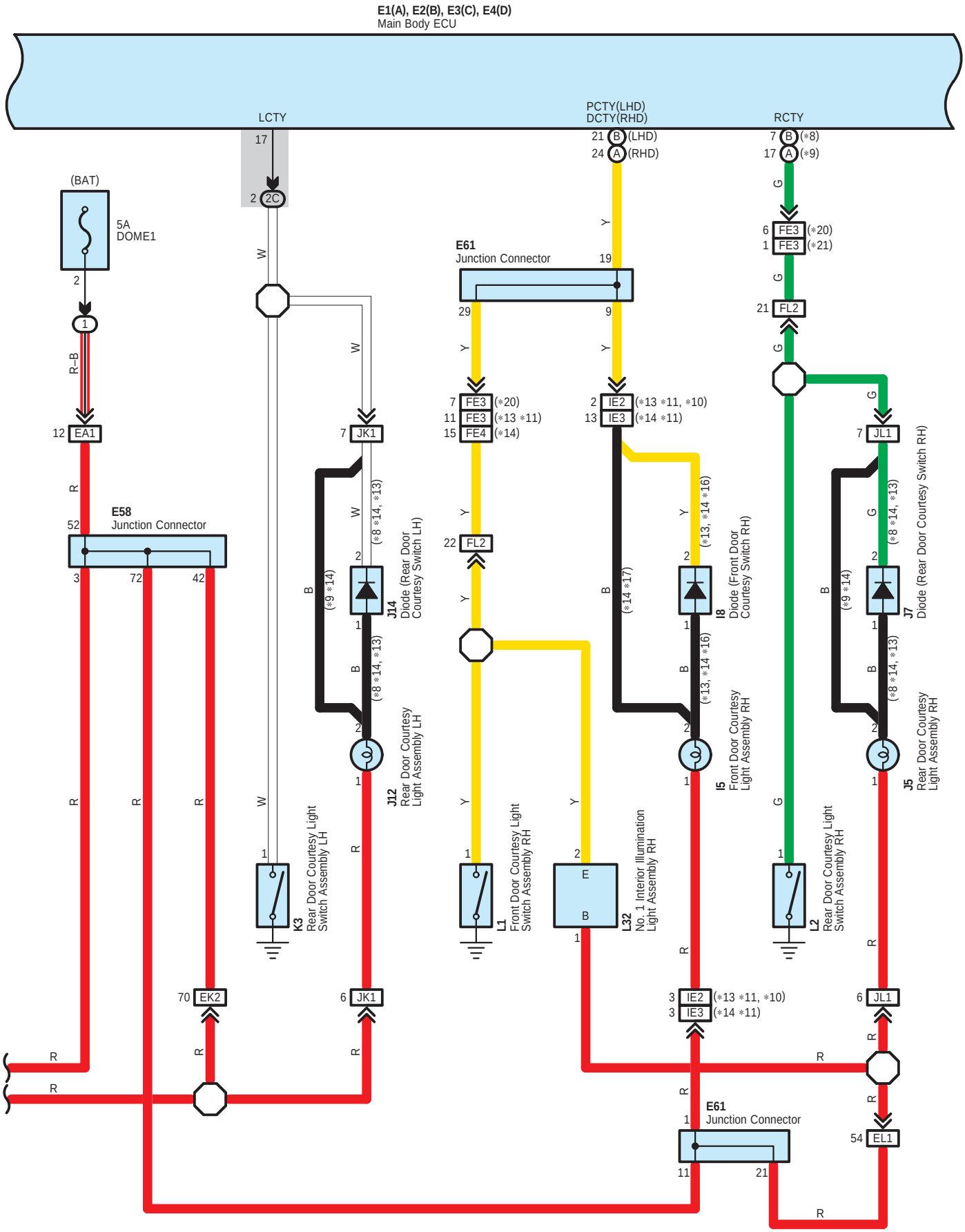
∗ 8 : w/ Entry & Start System
∗ 9 : w/o Entry & Start System
∗13 : Before Jan. 2012 Production
∗14 : From Jan. 2012 Production


E1(A), E2(B), E3(C), E4(D)
Main Body ECU
BATB
AM1
AM2
GND1(*9)
GND2
GND3
SWIL
2
6 A
1 B
5
4
1 C
25 A
20 2B
62 2D
L
W (*8)
W (*8)
W–B
BR (*8)
R (*8)
79 A
87 A
78 A (*13)
97 A (*14)
4
11
69 A (*13)
77 A (*14)
E59(A) Junction Connector
E62 Junction Connector
1
SWIL
L
W (*8)
GND
E18 Engine Switch
5
W–B
BR (*8)
BR (*8)
7
9
E67 Junction Connector
13
BR (*8)
E1
E2

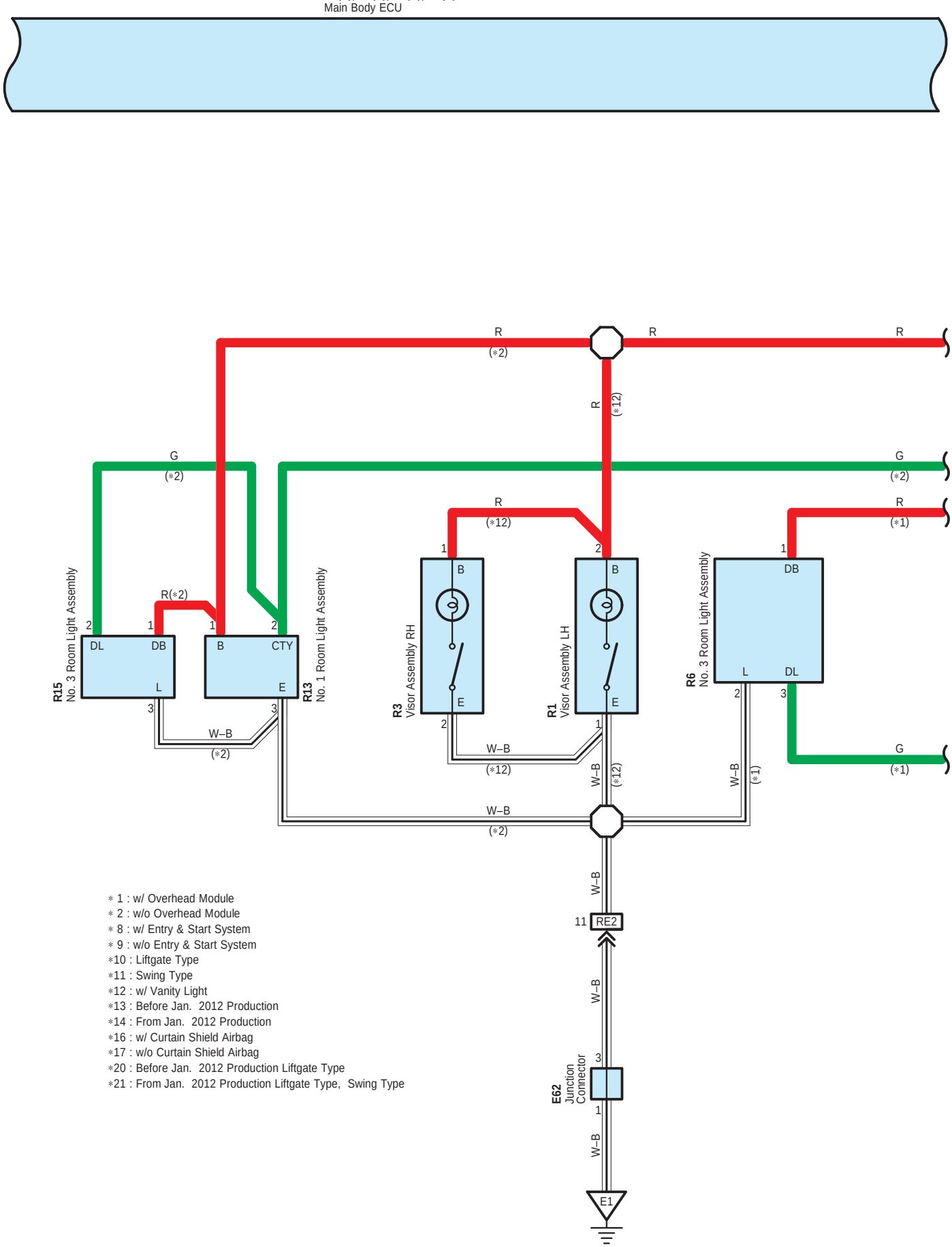

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
KSW
LSWD
LSWP
LSWL
LSWR
5 D
9 A
27 B
20
1 2C
5 B
BR (*9)
BR (RHD)
BR (RHD)
Y (LHD)
BR (LHD)
10
E63
Junction Connector
8
B (*9)
16 IE6
16 IE3
16 JK1
10 EL1 (*20)
38 EL1 (*21)
16 JL1
1
UN+
UN–
2
E94
Un–Lock Warning Switch Assembly
Y(LHD)
BR(RHD)
8 A (*5)
8 B (*6)
7 A (*5)
7 B (*6)
5 A (*5)
6 B (*6)
9 A (*5)
6 B (*6)
LSSR
Unlock Detection
E
I14(A), (B)
Front Door Lock Assembly LH
I6(A), (B)
Front Door Lock Assembly RH
J13(A), (B)
Rear Door Lock Assembly LH
J6(A), (B)
Rear Door Lock Assembly RH
7 A (*5)
7 B (*6)
8 A (*5)
8 B (*6)
10 A (*5)
9 B (*6)
10 A (*5)
9 B (*6)
W–B
W–B (*9)
W–B (LHD *9)
W–B (RHD *9)
10 JK1
10 JL1
E1
E3
I2
I1
K1
L1



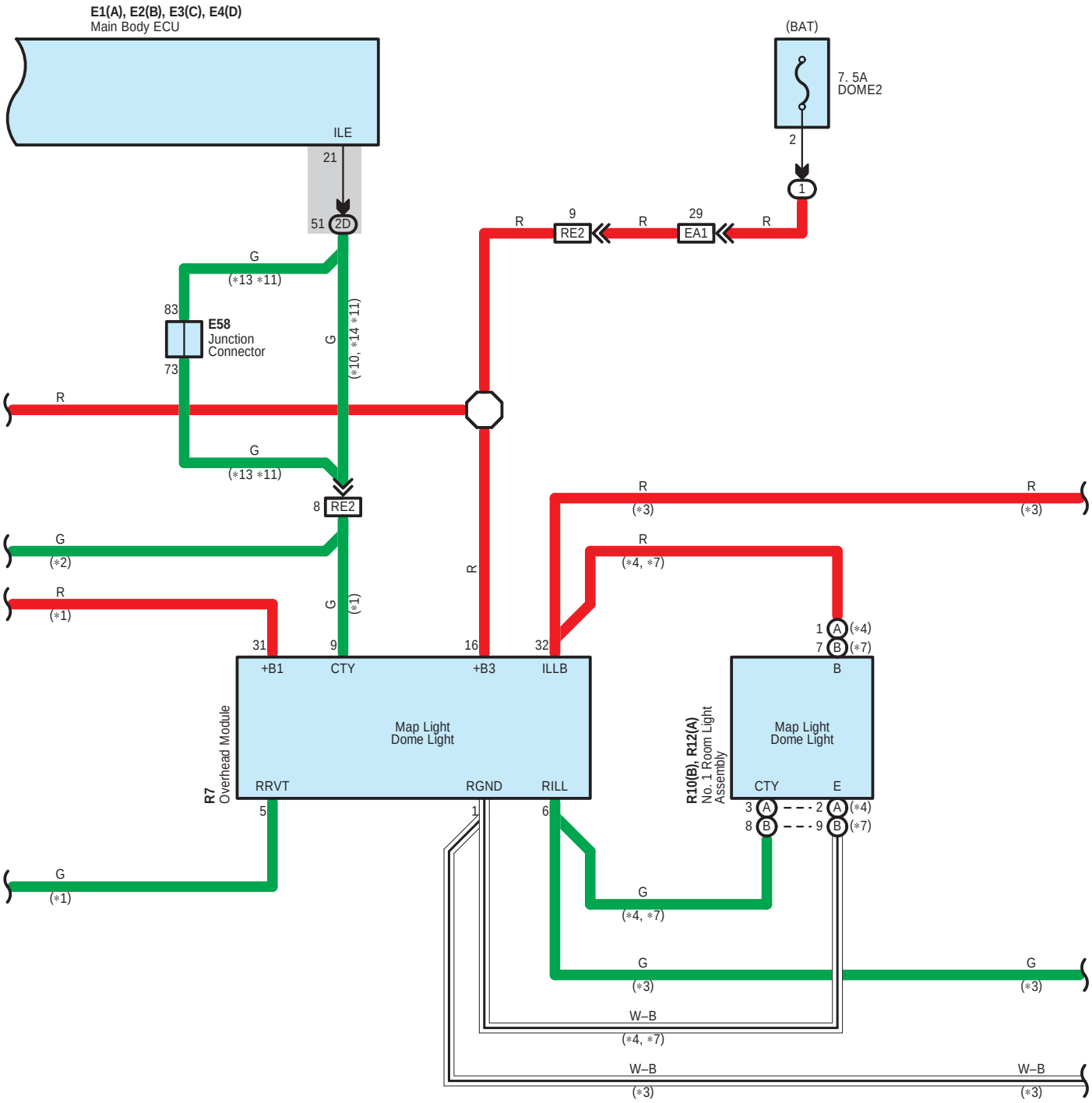
∗ 5 : w/ Double Locking
∗ 6 : w/o Double Locking
∗ 9 : w/o Entry & Start System
∗10 : Liftgate Type
∗11 : Swing Type
∗13 : Before Jan. 2012 Production
∗14 : From Jan. 2012 Production
∗15 : Before Jan. 2012 Production LHD, RHD
∗16 : w/ Curtain Shield Airbag
∗17 : w/o Curtain Shield Airbag
∗18 : w/ Power Back Door
∗19 : w/o Power Back Door
∗20 : Before Jan. 2012 Production Liftgate Type
∗21 : From Jan. 2012 Production Liftgate Type, Swing Type


E1(A), E2(B), E3(C), E4(D)
Main Body ECU
LCTY
PCTY(LHD)
DCTY(RHD)
RCTY
(BAT)
5A
DOME1
E58
Junction Connector
E61
Junction Connector
K3
Rear Door Courtesy Light
Switch Assembly LH
J12
Rear Door Courtesy
Light Assembly LH
J14
Diode (Rear Door
Courtesy Switch LH)
L1
Front Door Courtesy Light
Switch Assembly RH
L32
No. 1 Interior Illumination
Light Assembly RH
I5
Front Door Courtesy
Light Assembly RH
I8
Diode (Front Door
Courtesy Switch RH)
L2
Rear Door Courtesy Light
Switch Assembly RH
J5
Rear Door Courtesy
Light Assembly RH
J7
Diode (Rear Door Courtesy Switch RH)

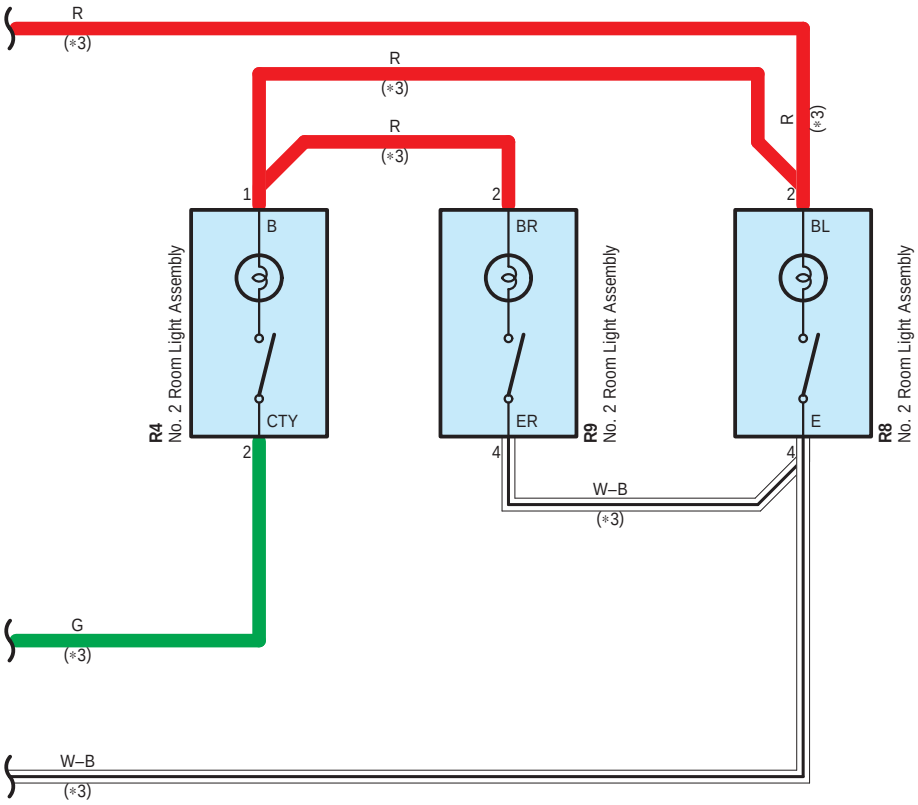
E1(A), E2(B), E3(C), E4(D)
Main Body ECU



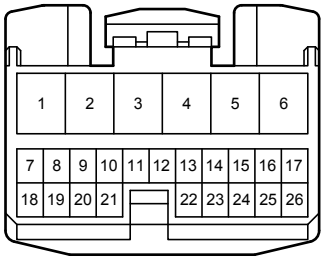
* 1 : w/ Overhead Module
* 2 : w/o Overhead Module
* 8 : w/ Entry & Start System
* 9 : w/o Entry & Start System
*10 : Liftgate Type
*11 : Swing Type
*12 : w/ Vanity Light
*13 : Before Jan. 2012 Production
*14 : From Jan. 2012 Production
*16 : w/ Curtain Shield Airbag
*17 : w/o Curtain Shield Airbag
*20 : Before Jan. 2012 Production Liftgate Type
*21 : From Jan. 2012 Production Liftgate Type, Swing Type



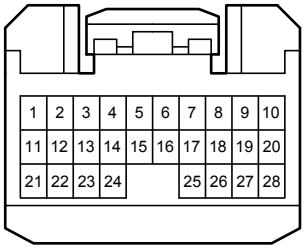
∗ 1 : w/ Overhead Module
∗ 2 : w/o Overhead Module
∗ 3 : w/ Overhead Module w/ Sliding Roof w/o Rear Seat Entertainment System
∗ 4 : w/ Overhead Module w/o Sliding Roof
∗ 7 : w/ Overhead Module w/ Sliding Roof w/ Rear Seat Entertainment System
∗10 : Liftgate Type
∗11 : Swing Type
∗13 : Before Jan. 2012 Production
∗14 : From Jan. 2012 Production


R
(*3)
R
(*3)
R
(*3)
R
(*3)
1
2
2
B
BR
BL
CTY
ER
E
R4
No. 2 Room Light Assembly
R9
No. 2 Room Light Assembly
R8
No. 2 Room Light Assembly
2
4
4
W–B
(*3)
G
(*3)
W–B
(*3)

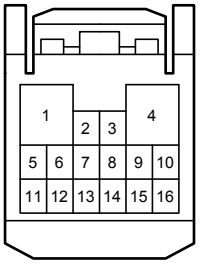
E 1
White



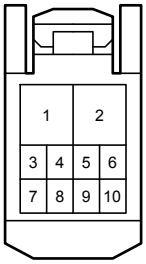
E 2
White



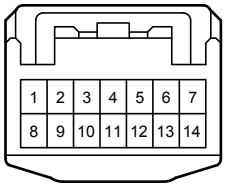
E 3
White



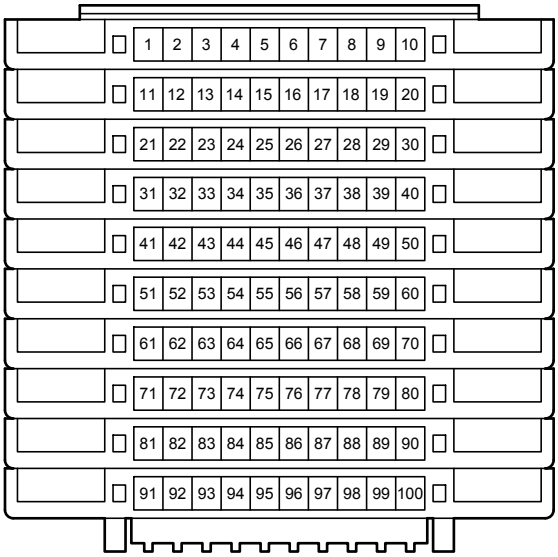
E 4
White



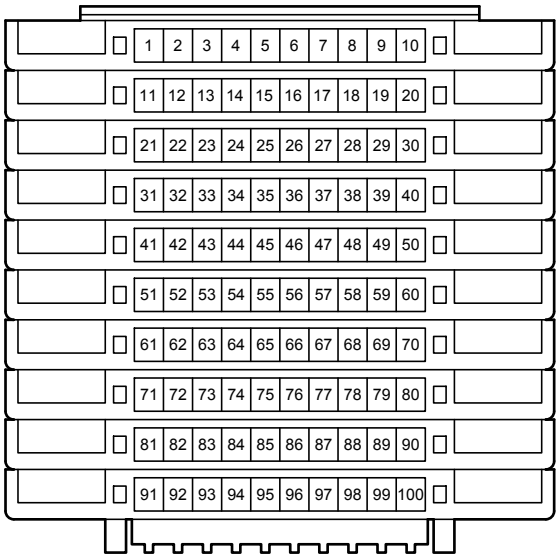
E 18
Black



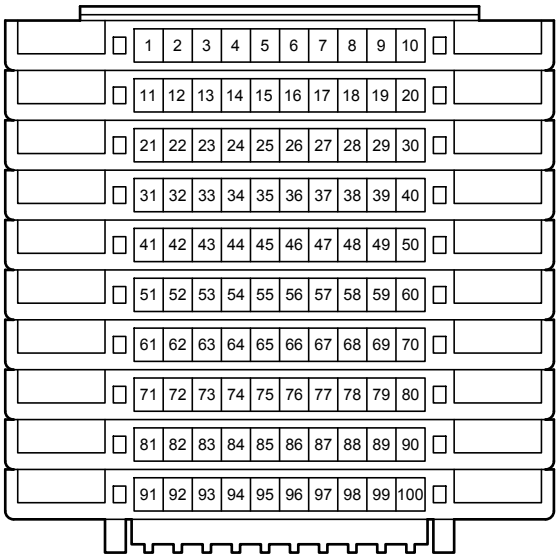
E 58



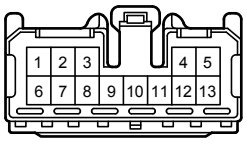
E 59



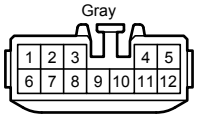
E 61



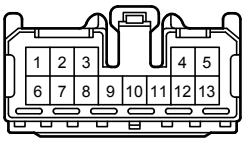
E 62
White



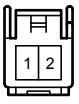
E 63
Gray



E 67
White



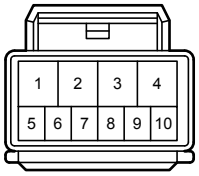
E 94
White



I 5
White



I 6
White



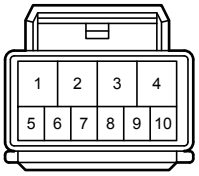
I 8
White



I 13
White



I 14
White



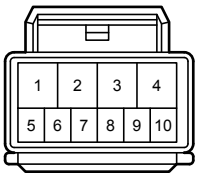
I 16
White



J 5
White



J 6
White



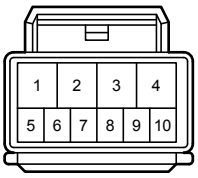
J 7
White



J 12
White



J 13
White



J 14
White



K 2
White



K 3
White



K 15
White



L 1
White



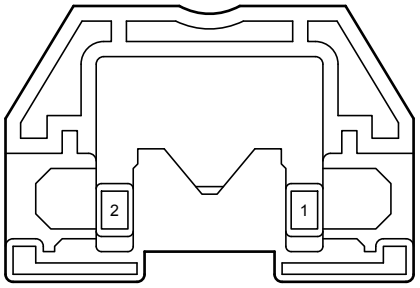
L 2
White



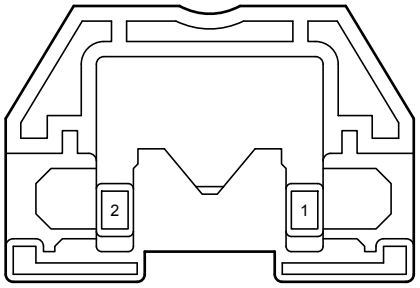
L 32
White



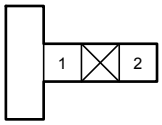
R 1
White



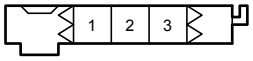
R 3
White



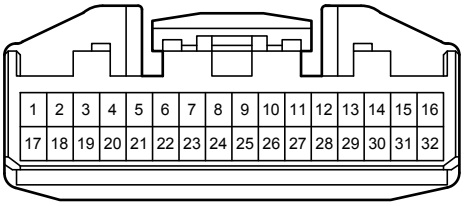
R 4
White



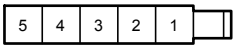
R 6
White



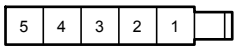
R 7
White



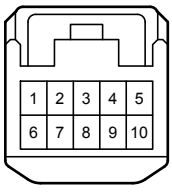
R 8
White



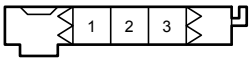
R 9
White



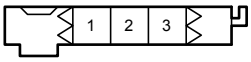
R 10
White



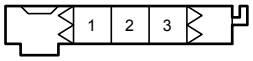
R 12
White



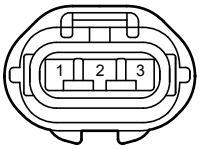
R 13
White



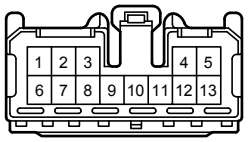
R 15
White



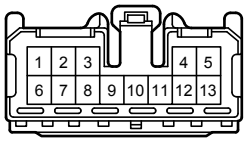
S 1
Black



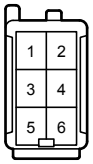
S 15
White



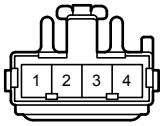
S 16
White



S 22
Black



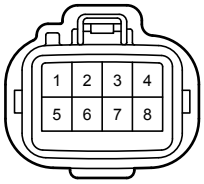
S 25
Black



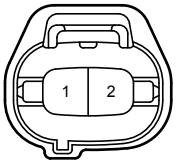
S 26
White



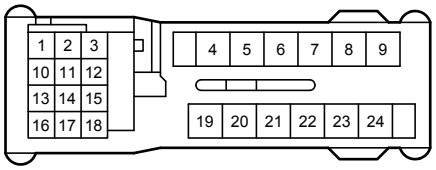
S 27
Dark Gray



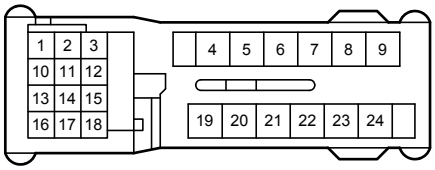
W 3
Blue



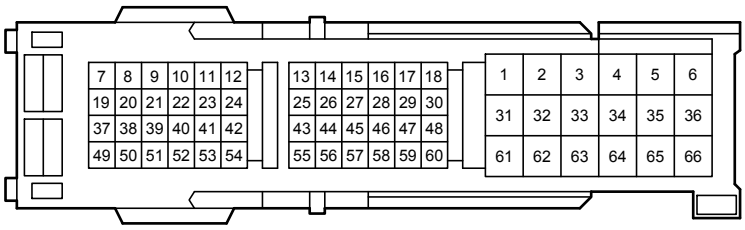
2B
White



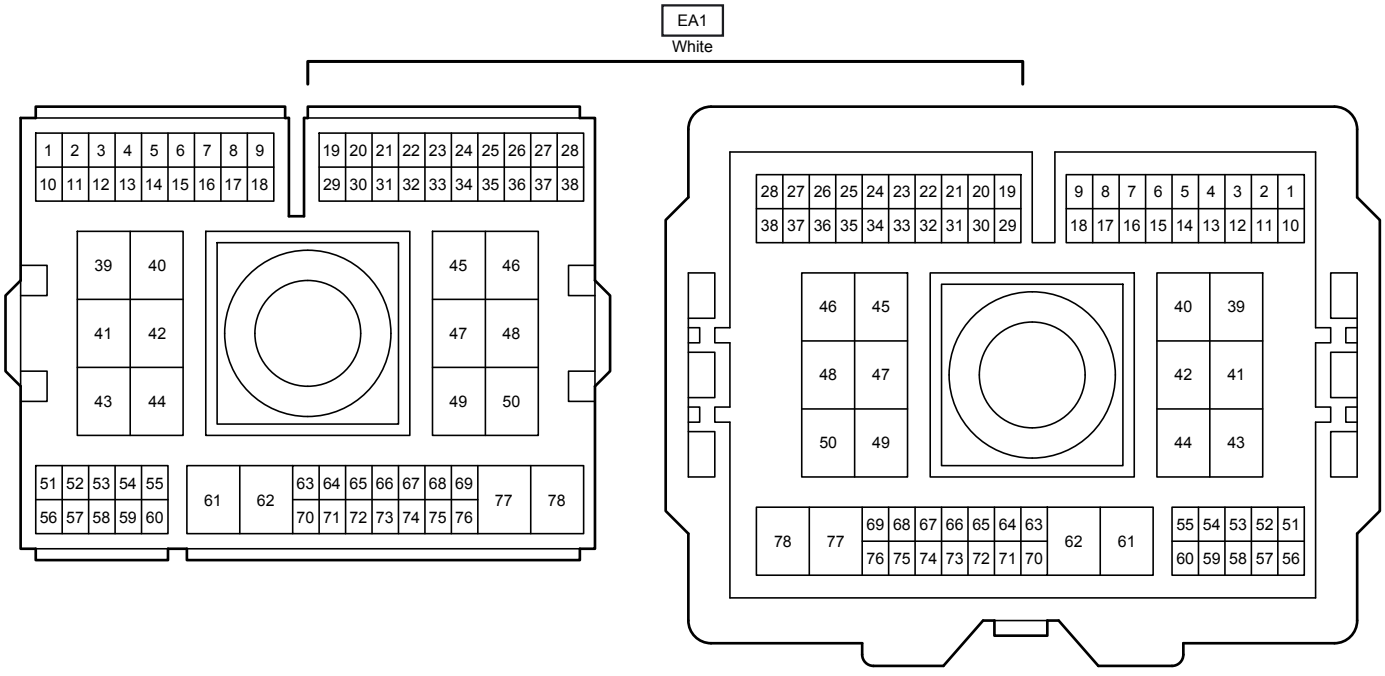
2C
White



2D
White

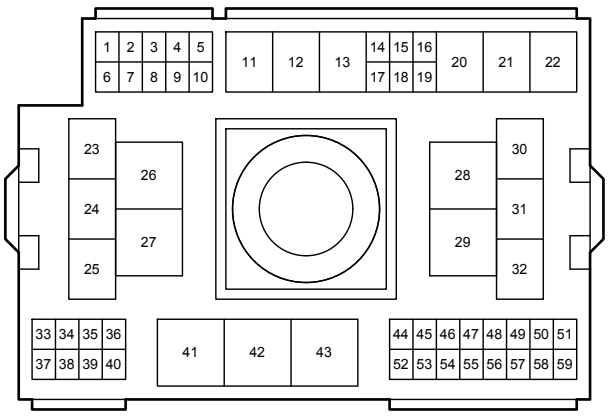


EA1
White

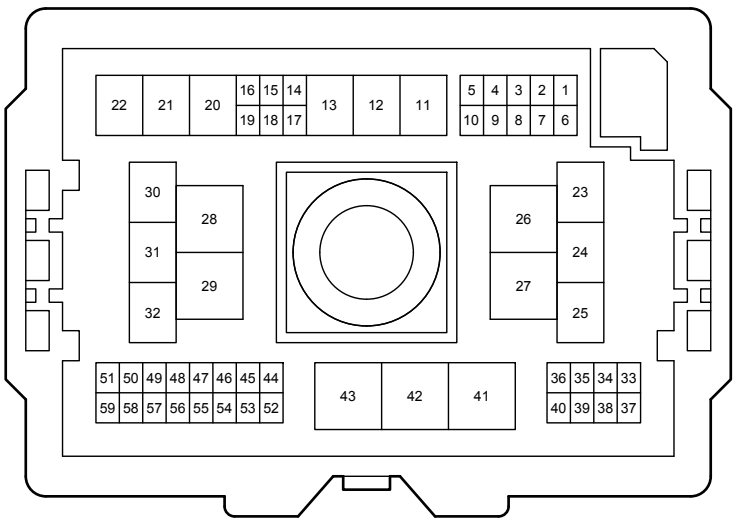


EA2

White

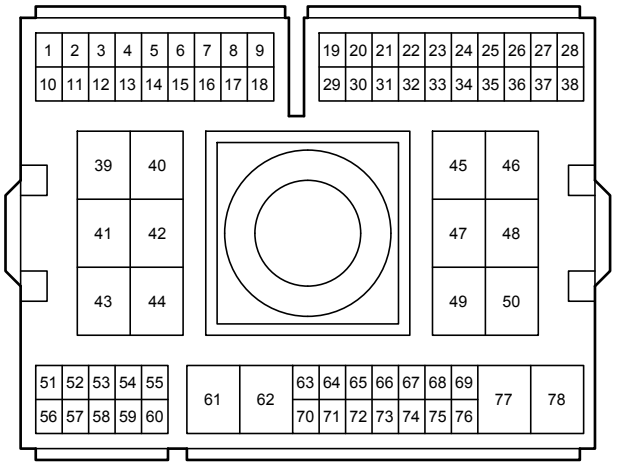


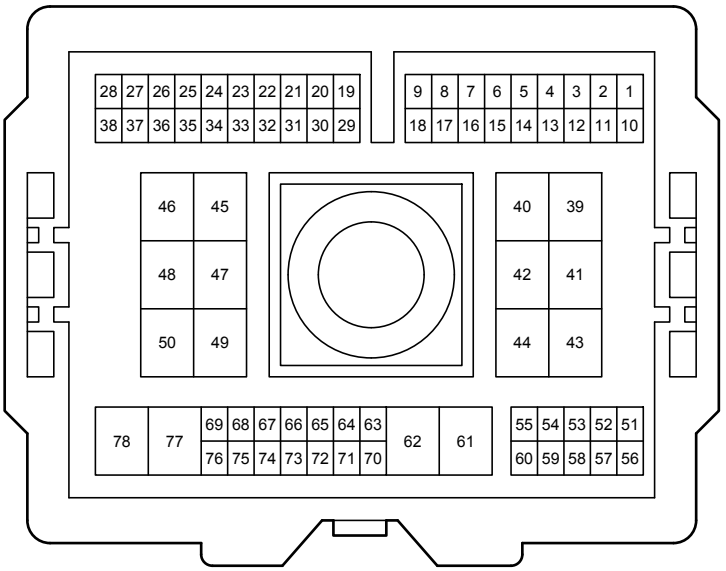
Gray



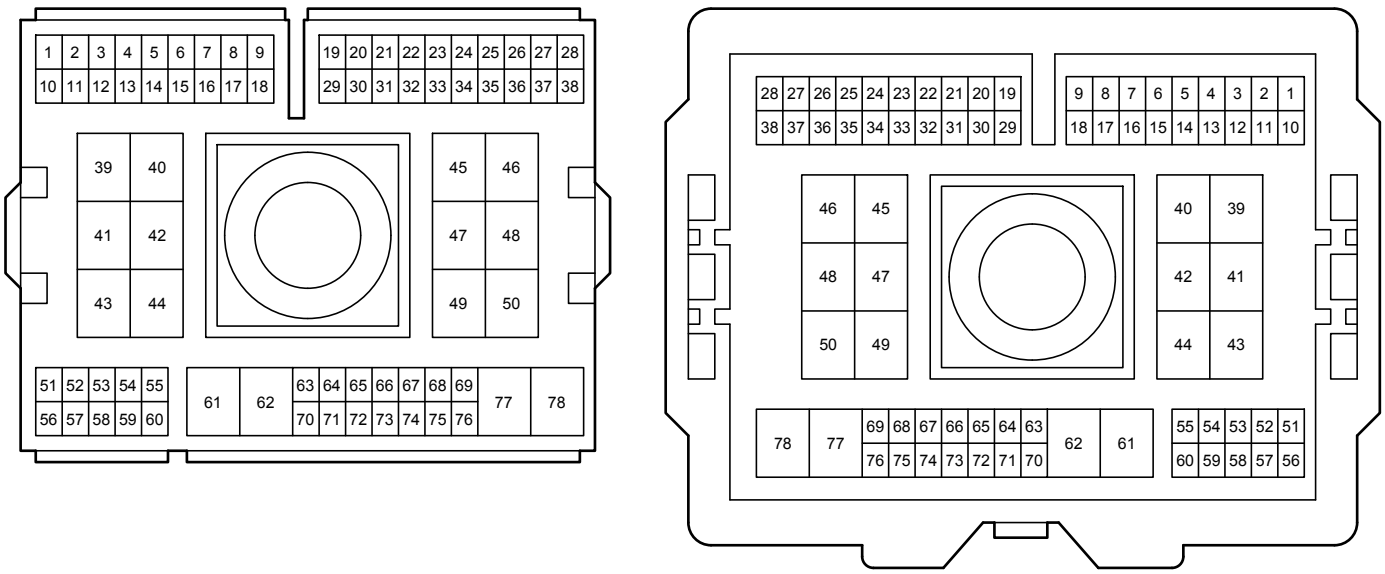
EK2

White

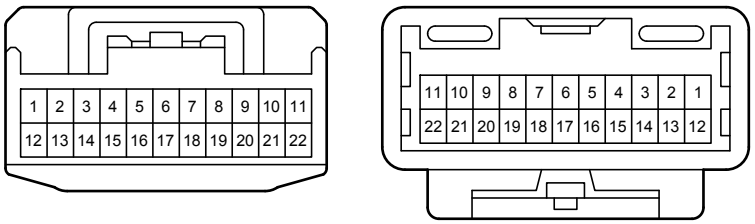




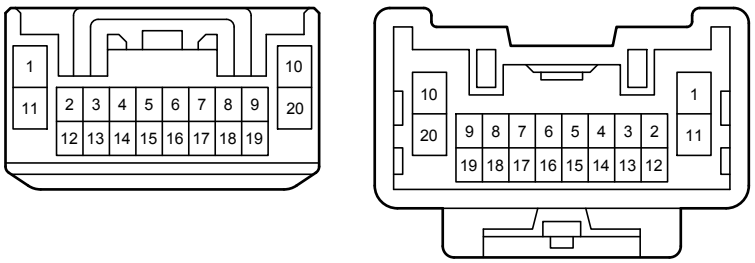
EL1
White



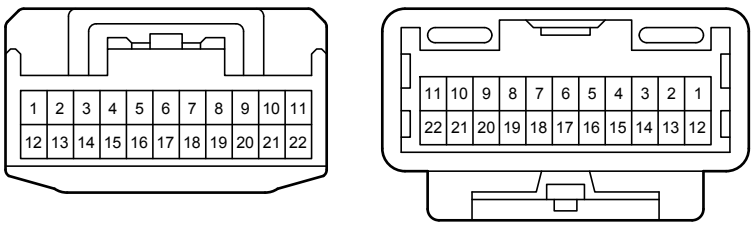
FE3
White

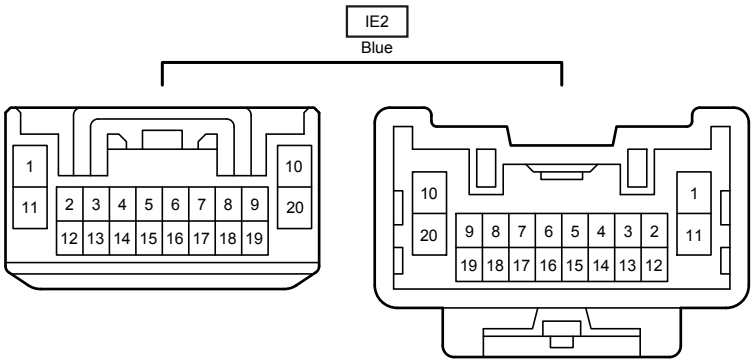


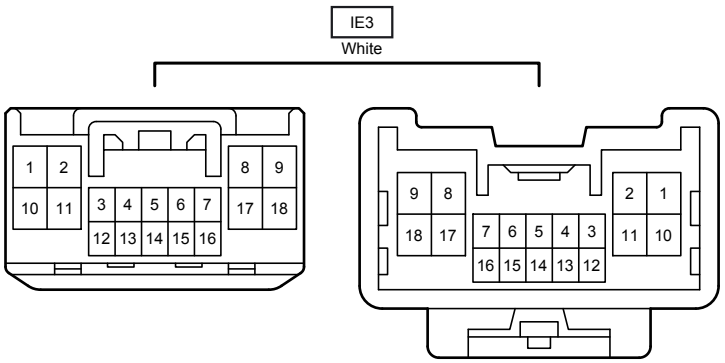
FE4
White

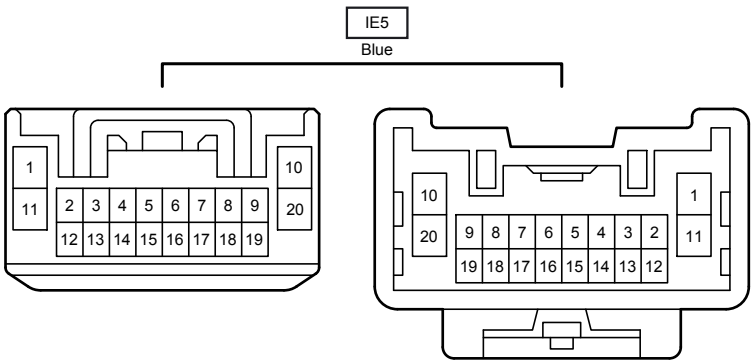


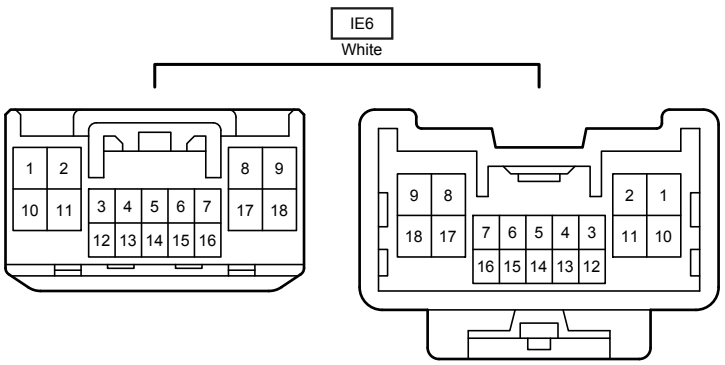
FL2
Blue



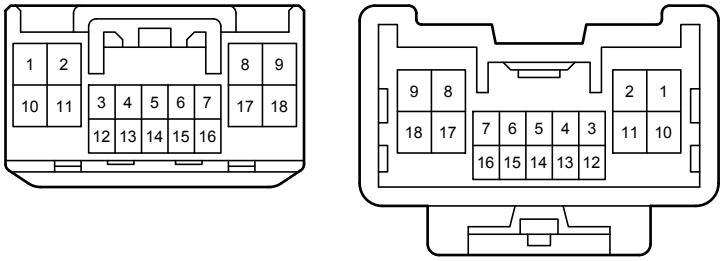

IE2
Blue
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11


IE3
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10

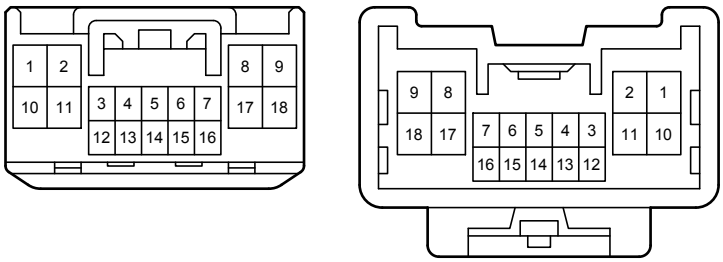

IE5
Blue
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11


IE6
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10

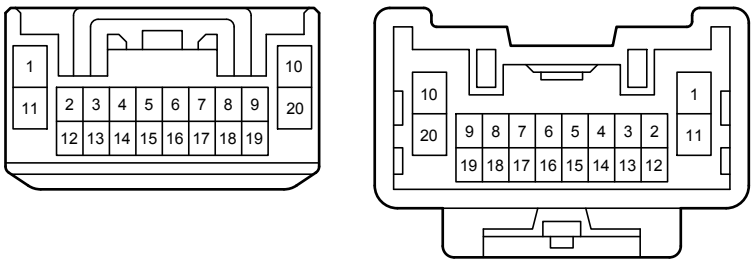
JK1
White



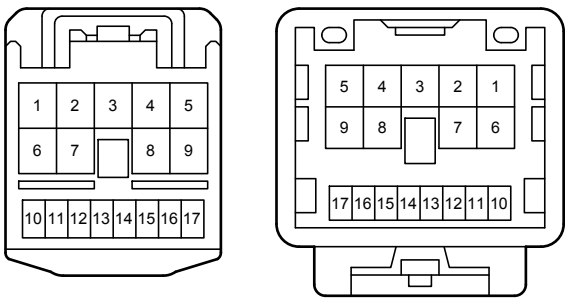
JL1
White

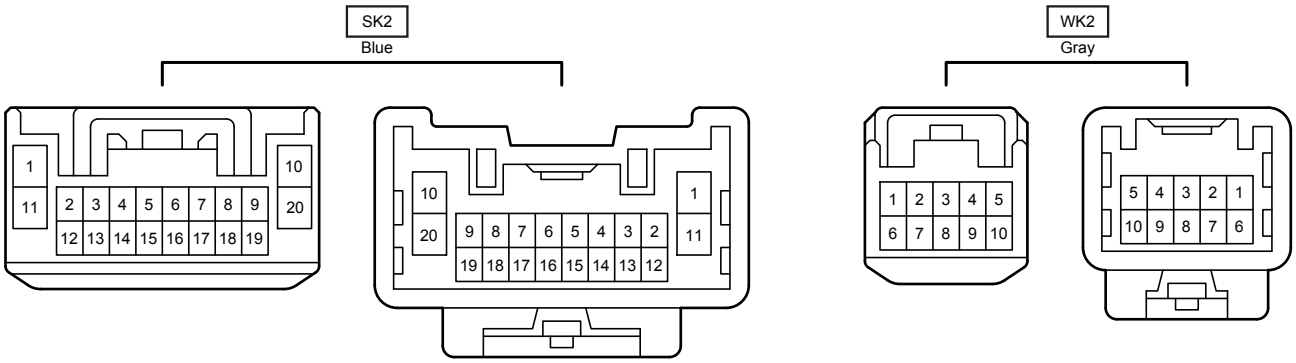


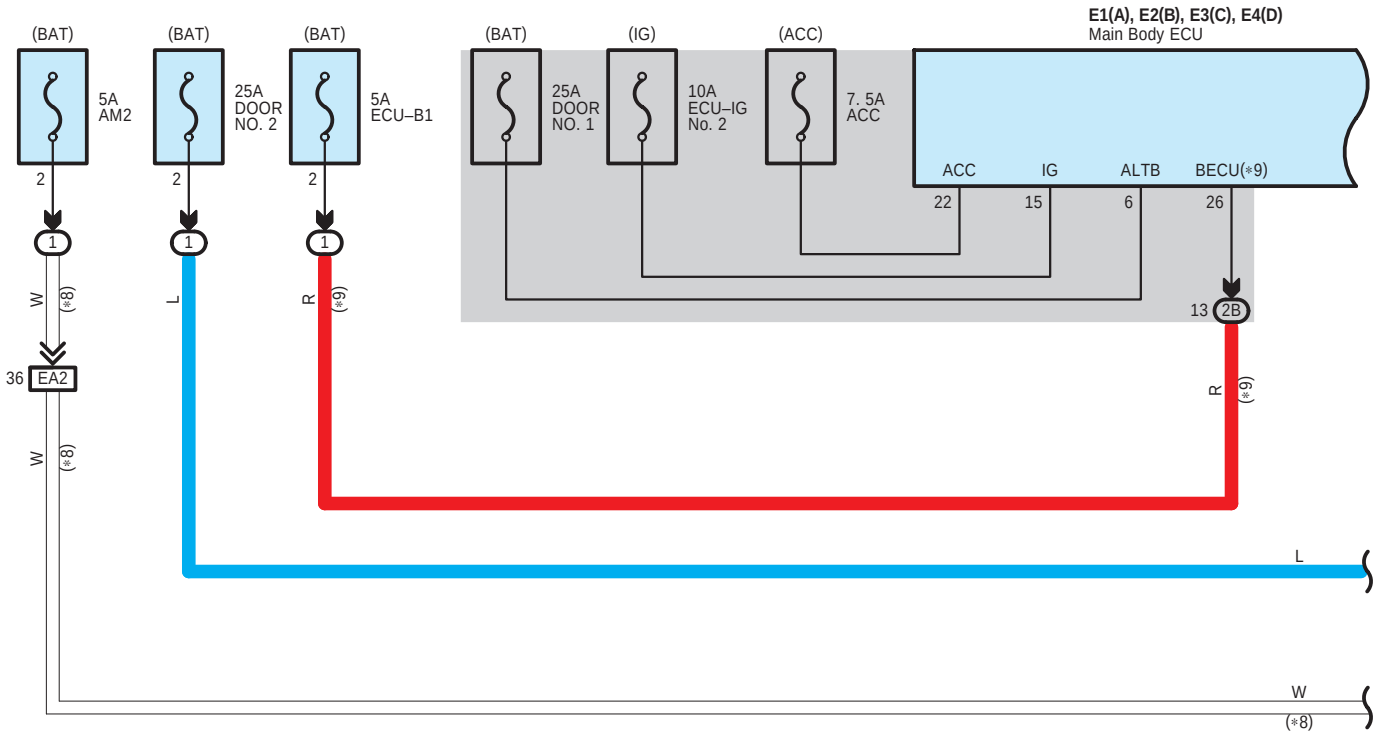
RE2
Blue



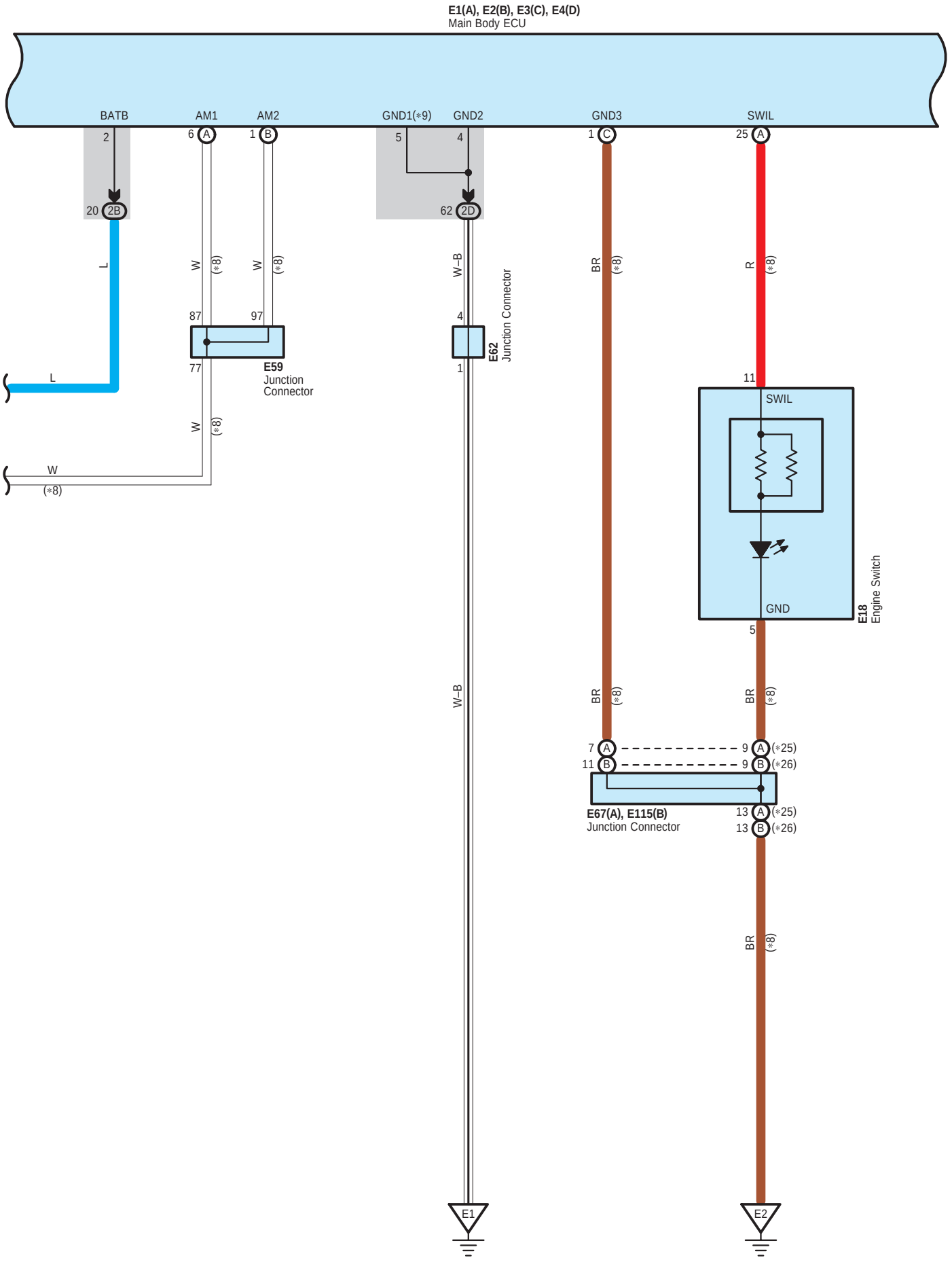
SK1
White

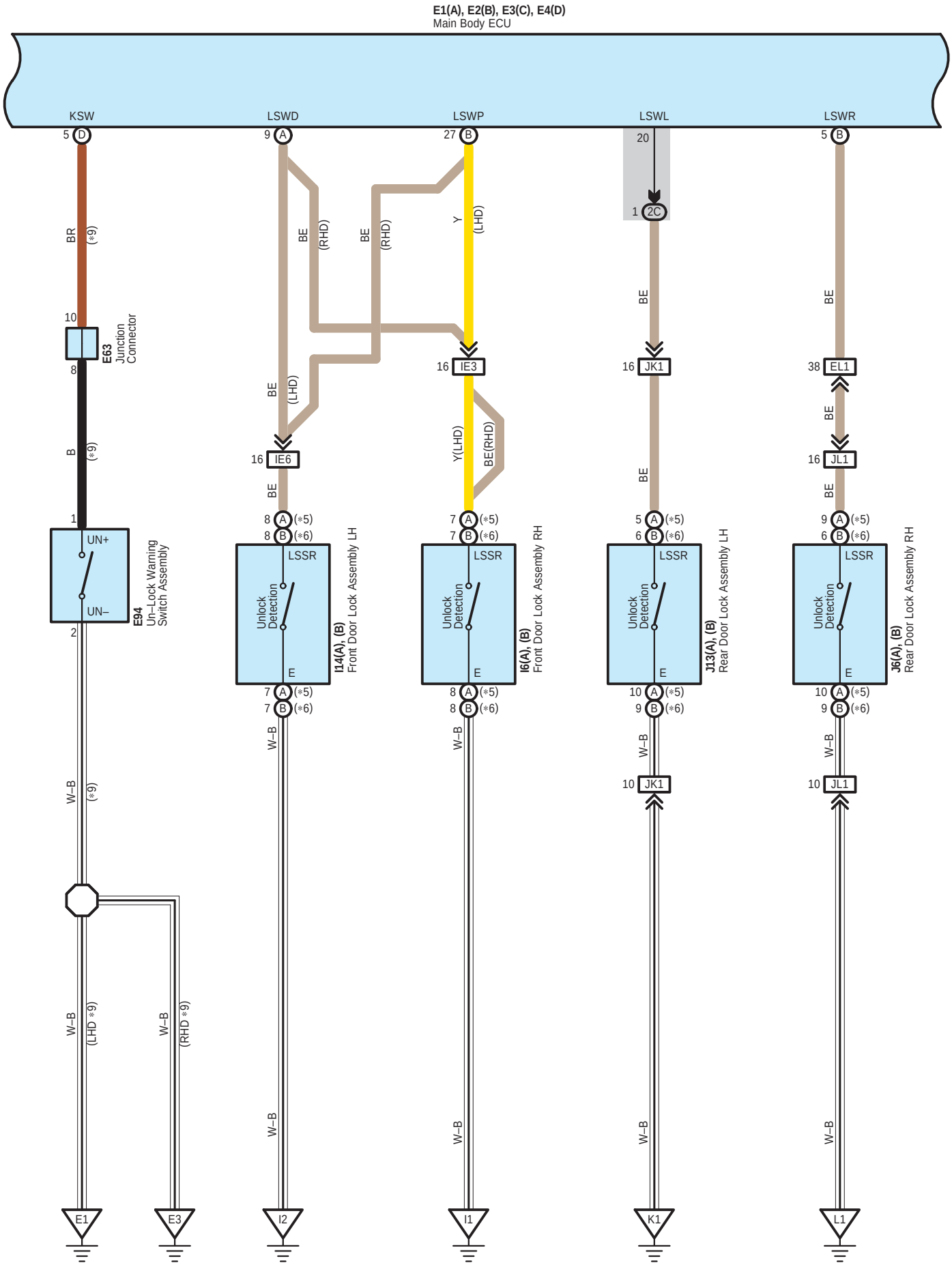


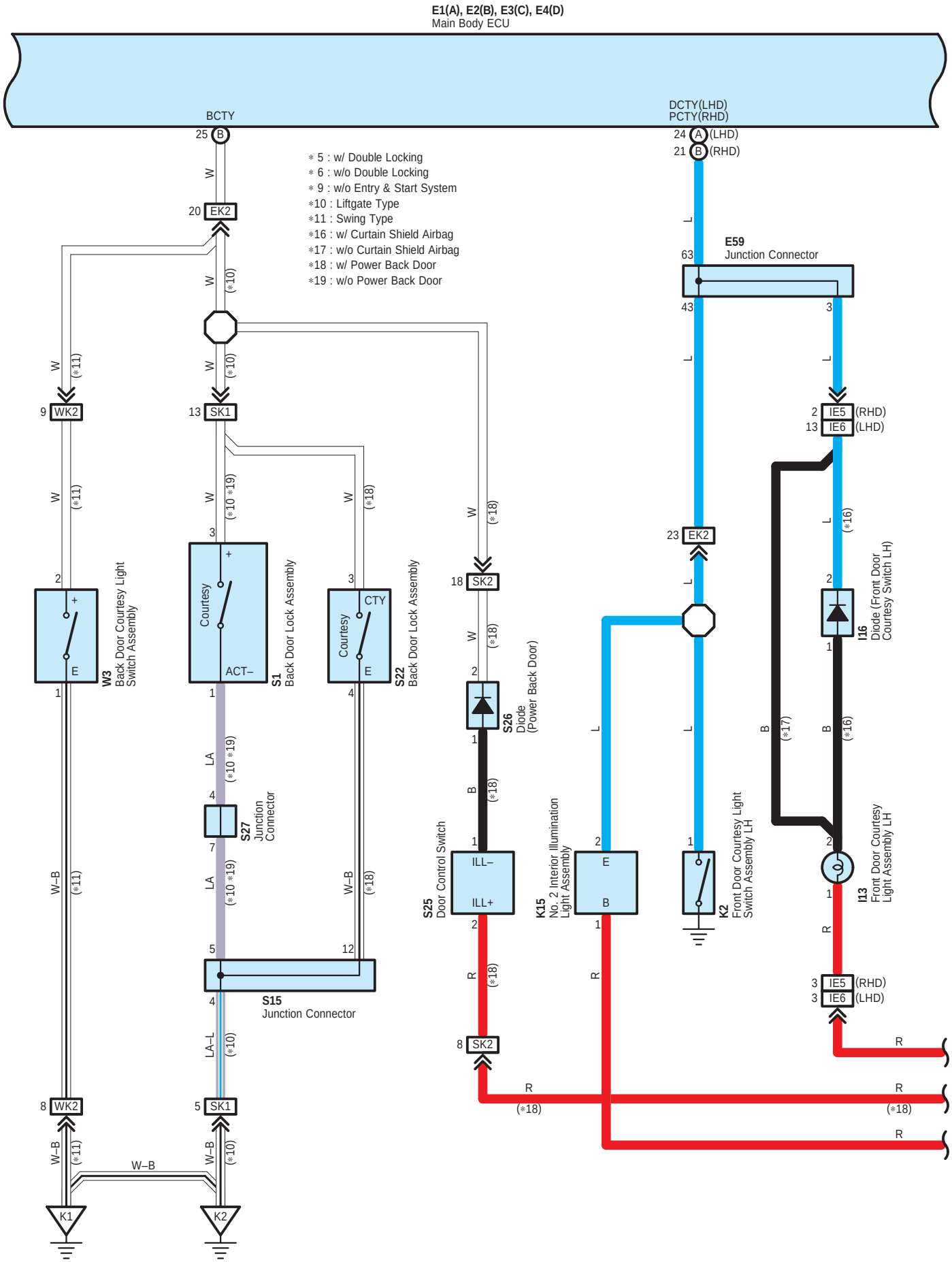

SK2
Blue
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11
WK2
Gray
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

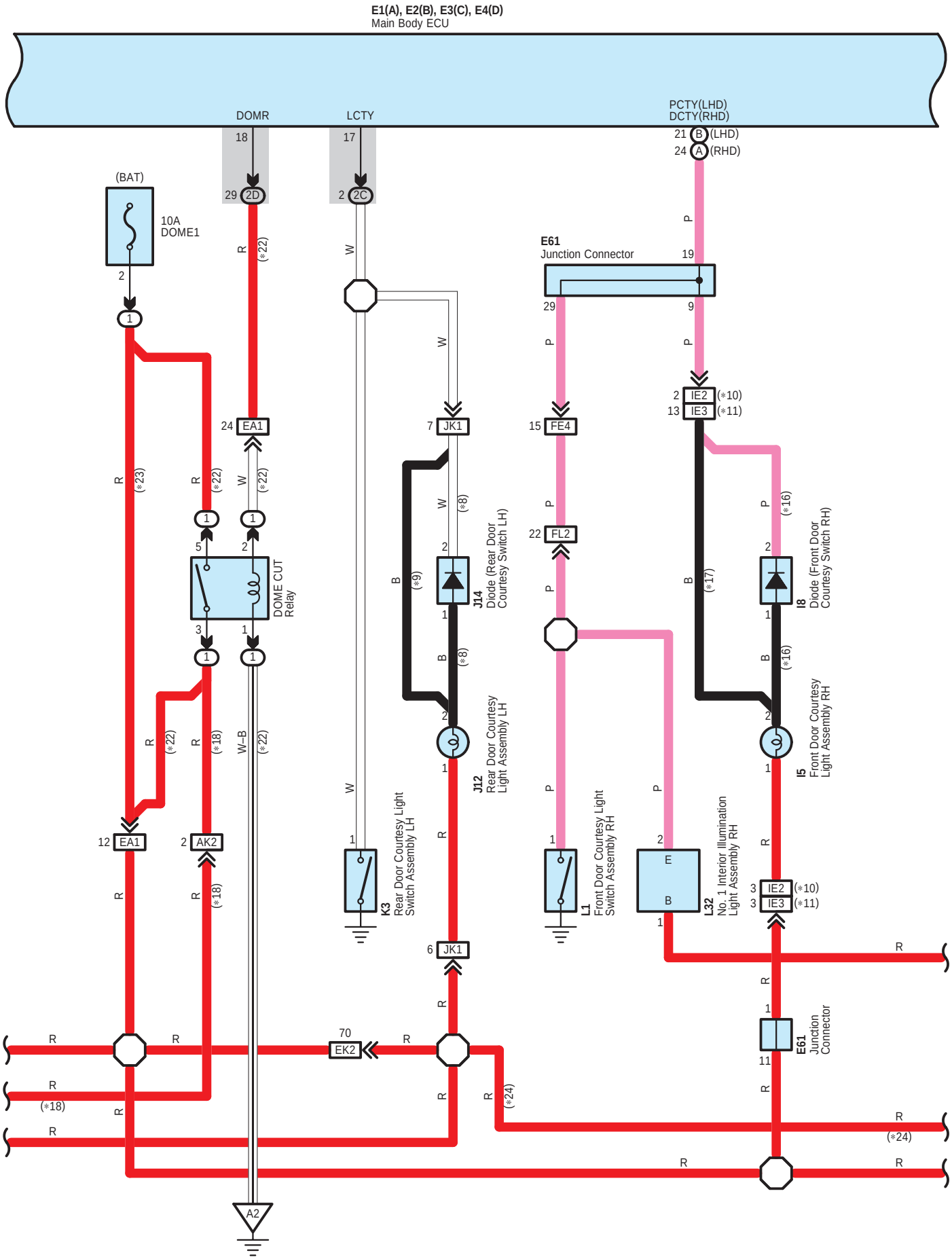


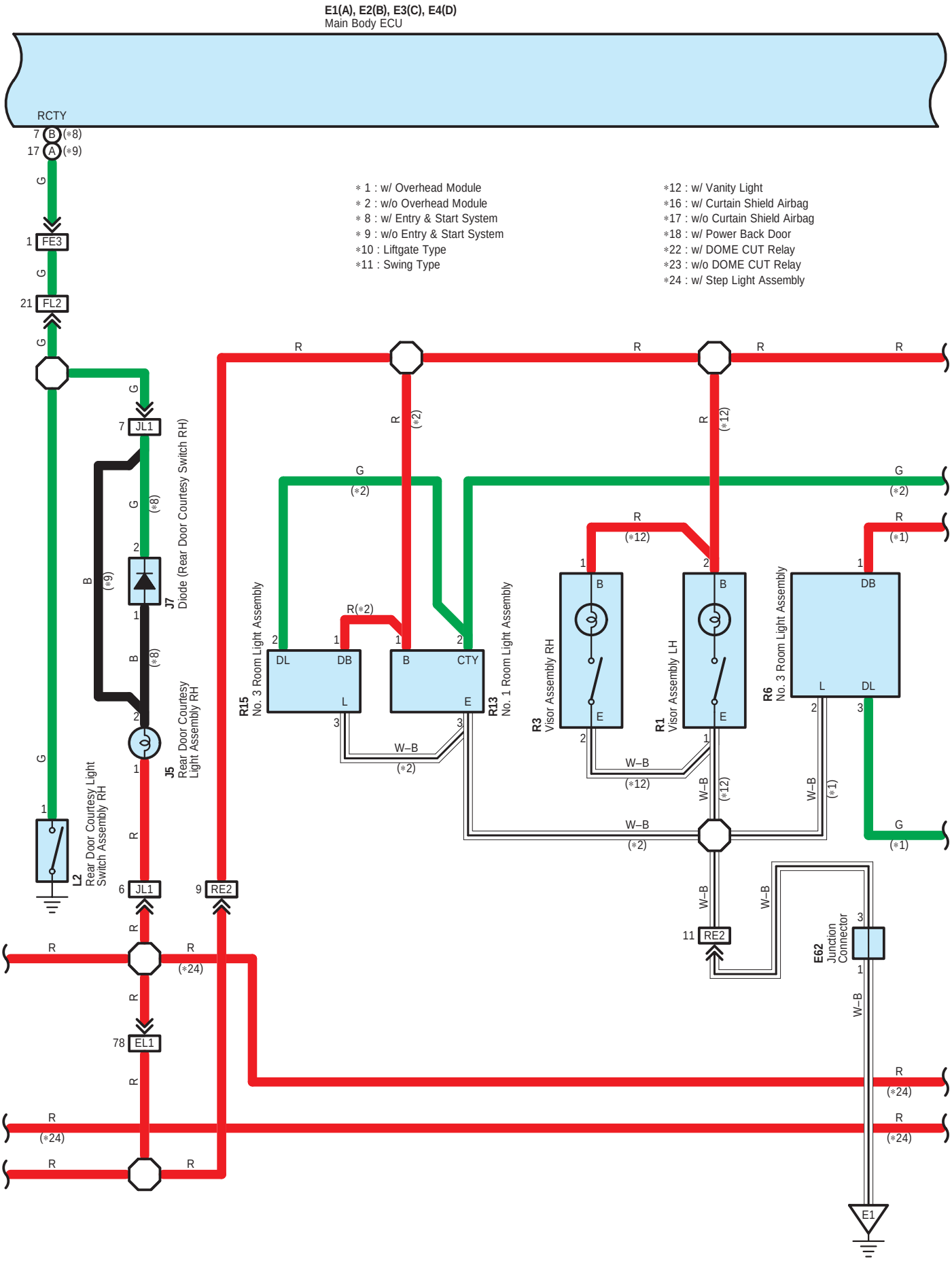
∗ 8 : w/ Entry & Start System
∗ 9 : w/o Entry & Start System
∗25 : LHD Before Aug. 2013 Production, RHD
∗26 : LHD From Aug. 2013 Production

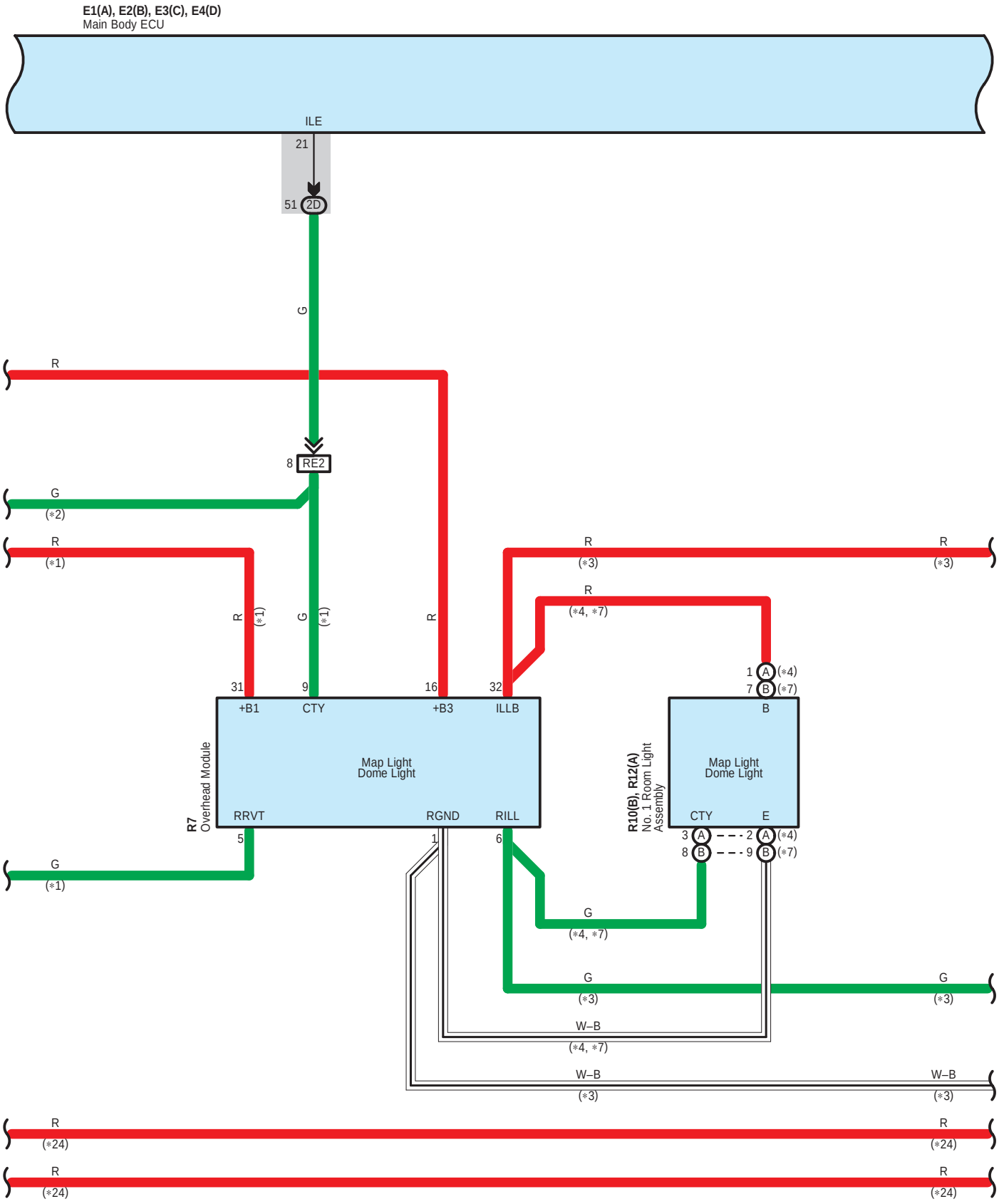

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
BATB
AM1
AM2
GND1(*9)
GND2
GND3
SWIL
2
6 A
1 B
5
4
1 C
25 A
20 2B
62 2D
L
W
(*8)
W
(*8)
W–B
BR
(*8)
R
(*8)
87
97
4
11
77
1
E59
Junction
Connector
E62
Junction Connector
SWIL
GND
E18
Engine Switch
5
L
W
(*8)
W–B
BR
(*8)
BR
(*8)
7 A
11 B
9 A (*25)
9 B (*26)
E67(A), E115(B)
Junction Connector
13 A (*25)
13 B (*26)
BR
(*8)
E1
E2

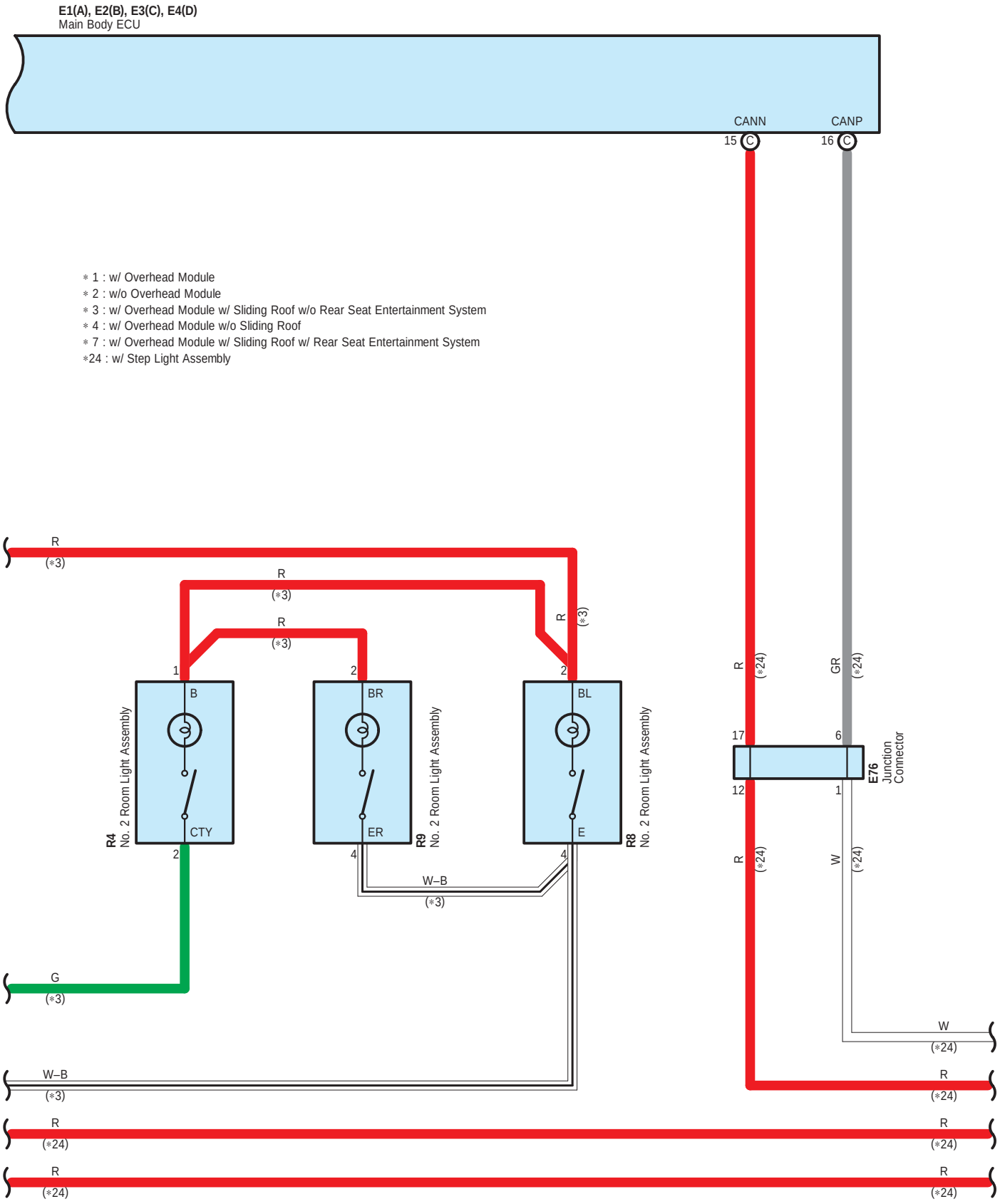

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
KSW
LSWD
LSWP
LSWL
LSWR
5 D
9 A
27 B
20
1 2C
5 B
BR (*9)
BE (RHD)
BE (RHD)
Y (LHD)
BE
BE
10
E63
Junction Connector
8
16 IE3
16 JK1
38 EL1
BE (LHD)
B (*9)
Y(LHD)
BE(RHD)
BE
BE
16 IE6
16 JL1
BE
BE
1
8 A (*5)
8 B (*6)
7 A (*5)
7 B (*6)
5 A (*5)
6 B (*6)
9 A (*5)
6 B (*6)
UN+
UN–
LSSR
Unlock Detection
E
E94
Un–Lock Warning Switch Assembly
I14(A), (B)
Front Door Lock Assembly LH
I6(A), (B)
Front Door Lock Assembly RH
J13(A), (B)
Rear Door Lock Assembly LH
J6(A), (B)
Rear Door Lock Assembly RH
2
7 A (*5)
7 B (*6)
8 A (*5)
8 B (*6)
10 A (*5)
9 B (*6)
10 A (*5)
9 B (*6)
W–B (*9)
W–B
W–B
W–B
W–B
10 JK1
10 JL1
W–B (LHD *9)
W–B (RHD *9)
E1
E3
I2
I1
K1
L1

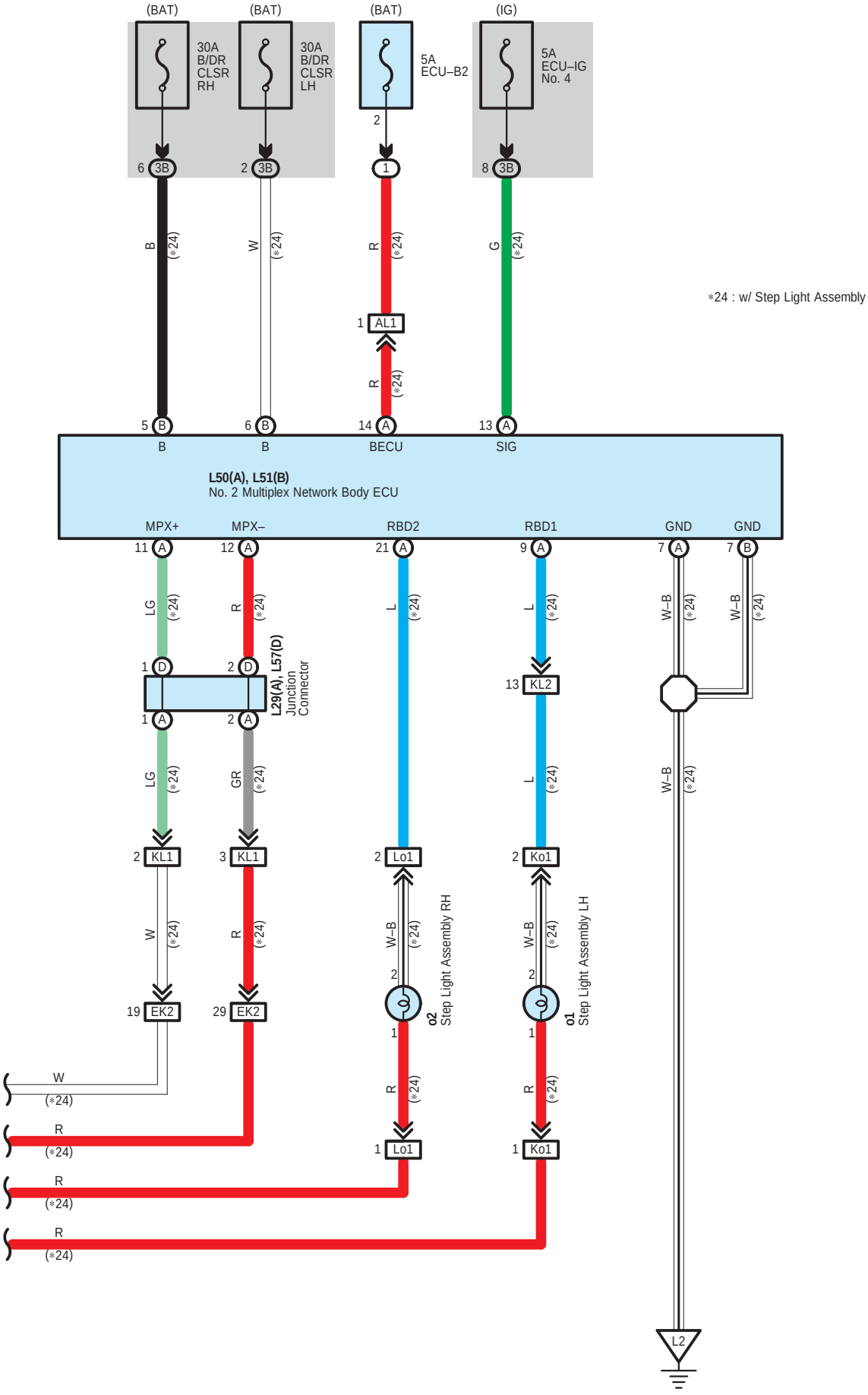

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
BCTY
DCTY(LHD)
PCTY(RHD)
∗ 5 : w/ Double Locking
∗ 6 : w/o Double Locking
∗ 9 : w/o Entry & Start System
∗10 : Liftgate Type
∗11 : Swing Type
∗16 : w/ Curtain Shield Airbag
∗17 : w/o Curtain Shield Airbag
∗18 : w/ Power Back Door
∗19 : w/o Power Back Door
E59
Junction Connector
W3
Back Door Courtesy Light Switch Assembly
S1
Back Door Lock Assembly
S22
Back Door Lock Assembly
S27
Junction Connector
S15
Junction Connector
S26
Diode (Power Back Door)
S25
Door Control Switch
K15
No. 2 Interior Illumination Light Assembly
K2
Front Door Courtesy Light Switch Assembly LH
I16
Diode (Front Door Courtesy Switch LH)
I13
Front Door Courtesy Light Assembly LH
K1
K2


E1(A), E2(B), E3(C), E4(D)
Main Body ECU
DOMR
LCTY
PCTY(LHD)
DCTY(RHD)
(BAT)
10A
DOME1
DOME CUT
Relay
E61
Junction Connector
J14
Diode (Rear Door
Courtesy Switch LH)
J12
Rear Door Courtesy
Light Assembly LH
K3
Rear Door Courtesy Light
Switch Assembly LH
I8
Diode (Front Door
Courtesy Switch RH)
I5
Front Door Courtesy
Light Assembly RH
L1
Front Door Courtesy Light
Switch Assembly RH
L32
No. 1 Interior Illumination
Light Assembly RH
E61
Junction
Connector
A2

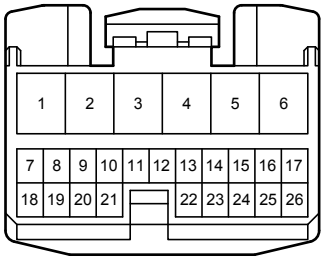

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
RCTY
7 B (*8)
17 A (*9)
1 FE3
21 FL2
7 JL1
J7 Diode (Rear Door Courtesy Switch RH)
J5 Rear Door Courtesy Light Assembly RH
L2 Rear Door Courtesy Light Switch Assembly RH
6 JL1
9 RE2
78 EL1
R15 No. 3 Room Light Assembly
R13 No. 1 Room Light Assembly
R3 Visor Assembly RH
R1 Visor Assembly LH
R6 No. 3 Room Light Assembly
11 RE2
E62 Junction Connector
E1
W–B
R(*2)
* 1 : w/ Overhead Module
* 2 : w/o Overhead Module
* 8 : w/ Entry & Start System
* 9 : w/o Entry & Start System
*10 : Liftgate Type
*11 : Swing Type
*12 : w/ Vanity Light
*16 : w/ Curtain Shield Airbag
*17 : w/o Curtain Shield Airbag
*18 : w/ Power Back Door
*22 : w/ DOME CUT Relay
*23 : w/o DOME CUT Relay
*24 : w/ Step Light Assembly


E1(A), E2(B), E3(C), E4(D)
Main Body ECU
ILE
21
51 2D
G
R
8 RE2
G
(∗2)
R
(∗1)
R
(∗1)
G
(∗1)
R
R
(∗3)
R
(∗3)
R
(∗4, ∗7)
1 A (∗4)
7 B (∗7)
31
9
16
32
+B1
CTY
+B3
ILLB
Map Light
Dome Light
R7
Overhead Module
RRVT
RGND
RILL
5
1
6
G
(∗1)
G
(∗4, ∗7)
G
(∗3)
G
(∗3)
W–B
(∗4, ∗7)
W–B
(∗3)
W–B
(∗3)
R10(B), R12(A)
No. 1 Room Light
Assembly
B
Map Light
Dome Light
CTY
E
3 A
8 B
2 A (∗4)
9 B (∗7)
R
(∗24)
R
(∗24)
R
(∗24)
R
(∗24)

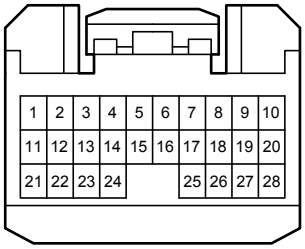

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
CANN
CANP
15
16
C
C
∗ 1 : w/ Overhead Module
∗ 2 : w/o Overhead Module
∗ 3 : w/ Overhead Module w/ Sliding Roof w/o Rear Seat Entertainment System
∗ 4 : w/ Overhead Module w/o Sliding Roof
∗ 7 : w/ Overhead Module w/ Sliding Roof w/ Rear Seat Entertainment System
∗24 : w/ Step Light Assembly
R
(∗3)
R
(∗3)
R
(∗3)
R
(∗3)
1
2
2
B
BR
BL
CTY
ER
E
2
4
4
R4
No. 2 Room Light Assembly
R9
No. 2 Room Light Assembly
R8
No. 2 Room Light Assembly
W–B
(∗3)
G
(∗3)
W–B
(∗3)
R
(∗24)
GR
(∗24)
17
6
12
1
E76
Junction
Connector
R
(∗24)
W
(∗24)
W
(∗24)
R
(∗24)
R
(∗24)
R
(∗24)
R
(∗24)
R
(∗24)


(BAT)
(BAT)
(BAT)
(IG)
30A B/DR CLSR RH
30A B/DR CLSR LH
5A ECU–B2
5A ECU–IG No. 4
6 3B
2 3B
2
1
8 3B
B (*24)
W (*24)
R (*24)
G (*24)
*24 : w/ Step Light Assembly
1 AL1
R (*24)
5 B
6 B
14 A
13 A
B
B
BECU
SIG
L50(A), L51(B)
No. 2 Multiplex Network Body ECU
MPX+
MPX–
RBD2
RBD1
GND
GND
11 A
12 A
21 A
9 A
7 A
7 B
LG (*24)
R (*24)
L (*24)
L (*24)
W–B (*24)
W–B (*24)
1 D
2 D
L29(A), L57(D) Junction Connector
1 A
2 A
13 KL2
LG (*24)
GR (*24)
L (*24)
W–B (*24)
2 KL1
3 KL1
2 Lo1
2 Ko1
W (*24)
R (*24)
W–B (*24)
W–B (*24)
19 EK2
29 EK2
2
2
o2 Step Light Assembly RH
o1 Step Light Assembly LH
1
1
R (*24)
R (*24)
1 Lo1
1 Ko1
W (*24)
R (*24)
R (*24)
R (*24)
L2

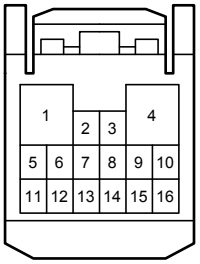
E 1
White



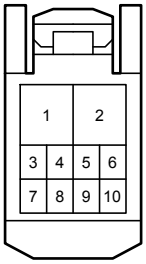
E 2
White



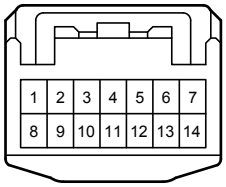
E 3
White



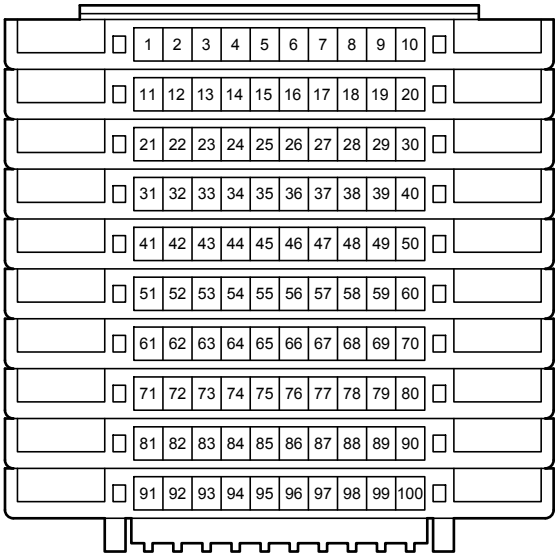
E 4
White



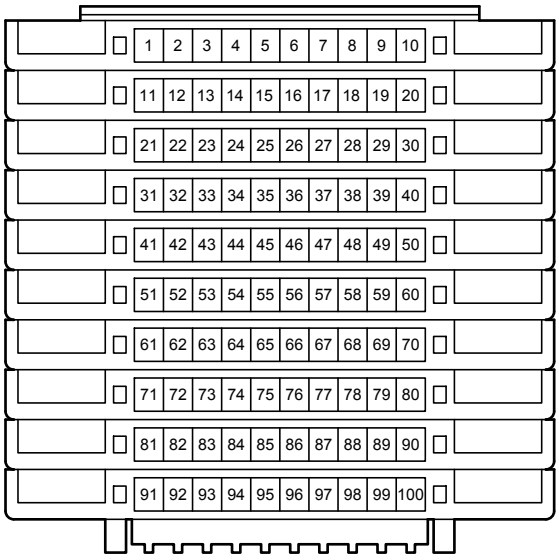
E 18
Black



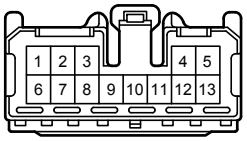
E 59



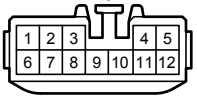
E 61



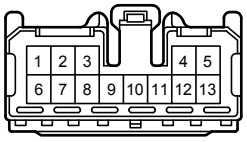
E 62
White



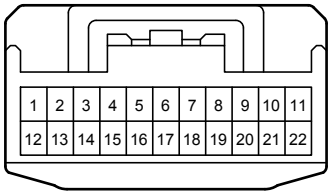
E 63
Gray



E 67
White



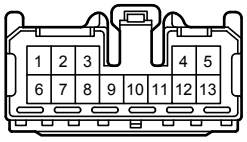
E 76
Gray



E 94
White



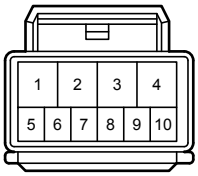
E115
White



I 5
White



I 6
White



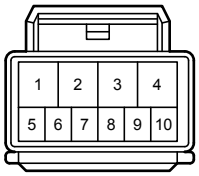
I 8
White



I 13
White



I 14
White



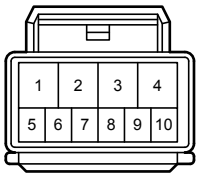
I 16
White



J 5
White



J 6
White



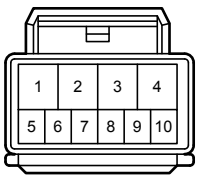
J 7
White



J 12
White



J 13
White



J 14
White



K 2
White



K 3
White



K 15
White



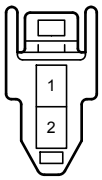
L 1
White



L 2
White



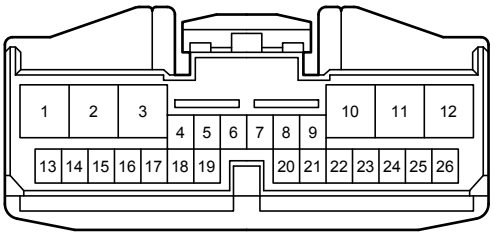
L 29
White



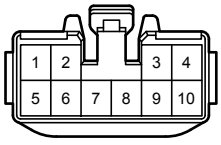
L 32
White



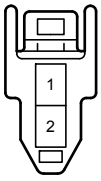
L 50
White



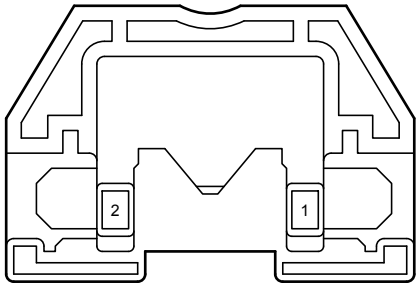
L 51
Blue



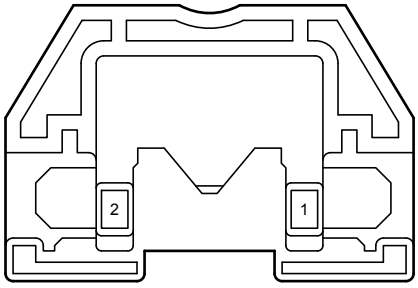
L 57
White



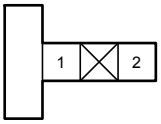
R 1
White



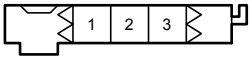
R 3
White



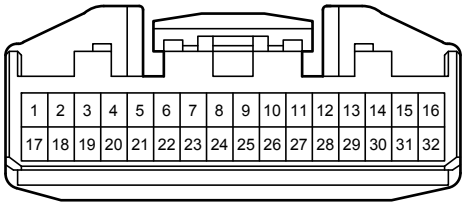
R 4
White



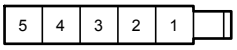
R 6
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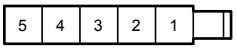
R 7
White



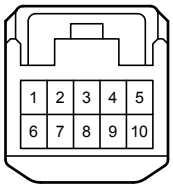
R 8
White



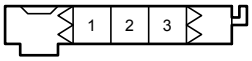
R 9
White



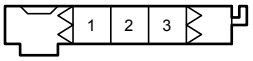
R 10
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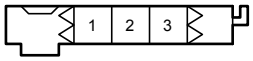
R 12
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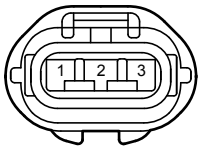
R 13
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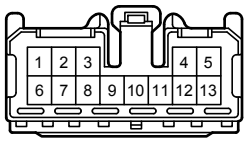
R 15
White



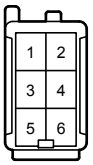
S 1
Black



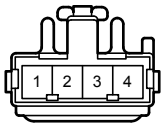
S 15
White



S 22
Black



S 25
Black



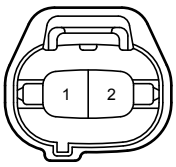
S 26
White



S 27
Dark Gray



W 3
Blue



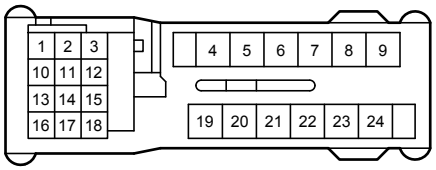
o 1
White



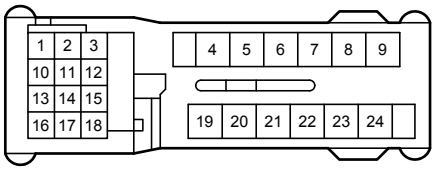
o 2
White

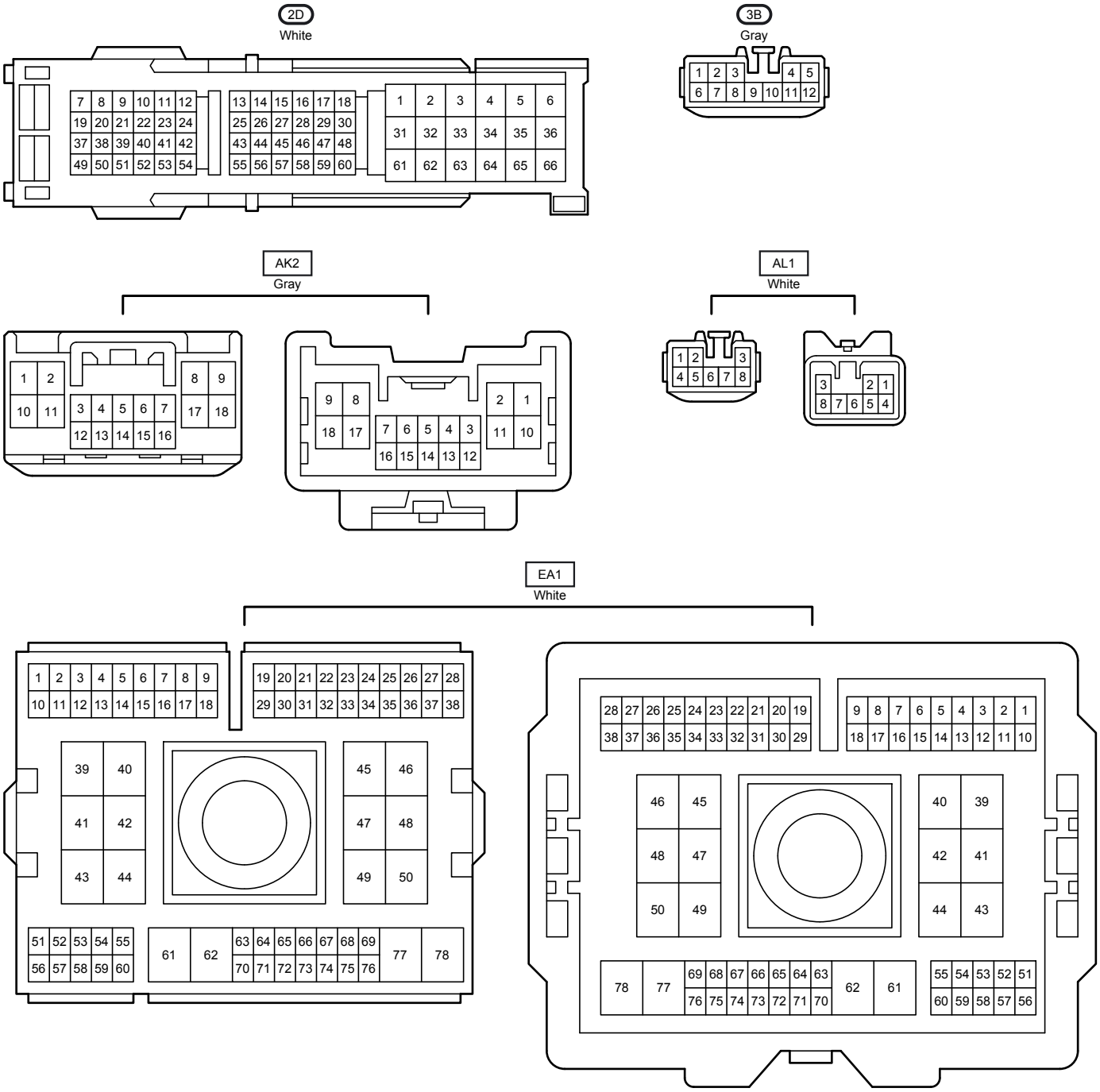


2B
White



2C
White

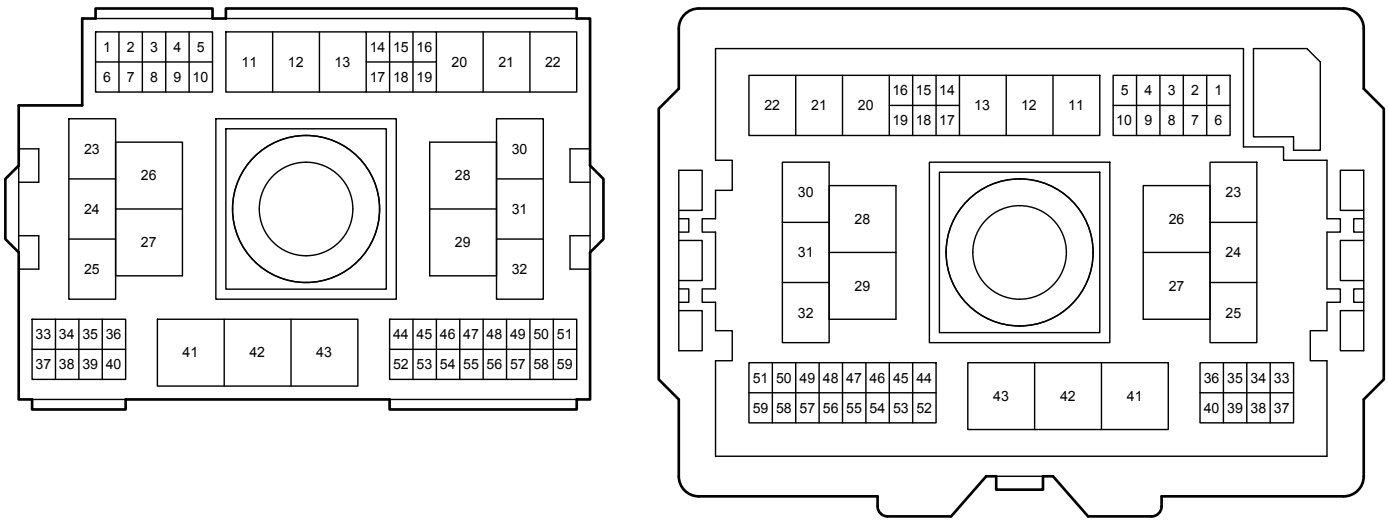



2D
White
7 8 9 10 11 12
19 20 21 22 23 24
37 38 39 40 41 42
49 50 51 52 53 54
13 14 15 16 17 18
25 26 27 28 29 30
43 44 45 46 47 48
55 56 57 58 59 60
1 2 3 4 5 6
31 32 33 34 35 36
61 62 63 64 65 66
3B
Gray
1 2 3 4 5
6 7 8 9 10 11 12
AK2
Gray
1 2 8 9
10 11 3 4 5 6 7
12 13 14 15 16 17 18
9 8 2 1
18 17 7 6 5 4 3
16 15 14 13 12 11 10
AL1
White
1 2 3
4 5 6 7 8
3 2 1
8 7 6 5 4
EA1
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45
48 47
50 49
40 39
42 41
44 43
78 77
69 68 67 66 65 64 63
76 75 74 73 72 71 70
62 61
55 54 53 52 51
60 59 58 57 56

EA2

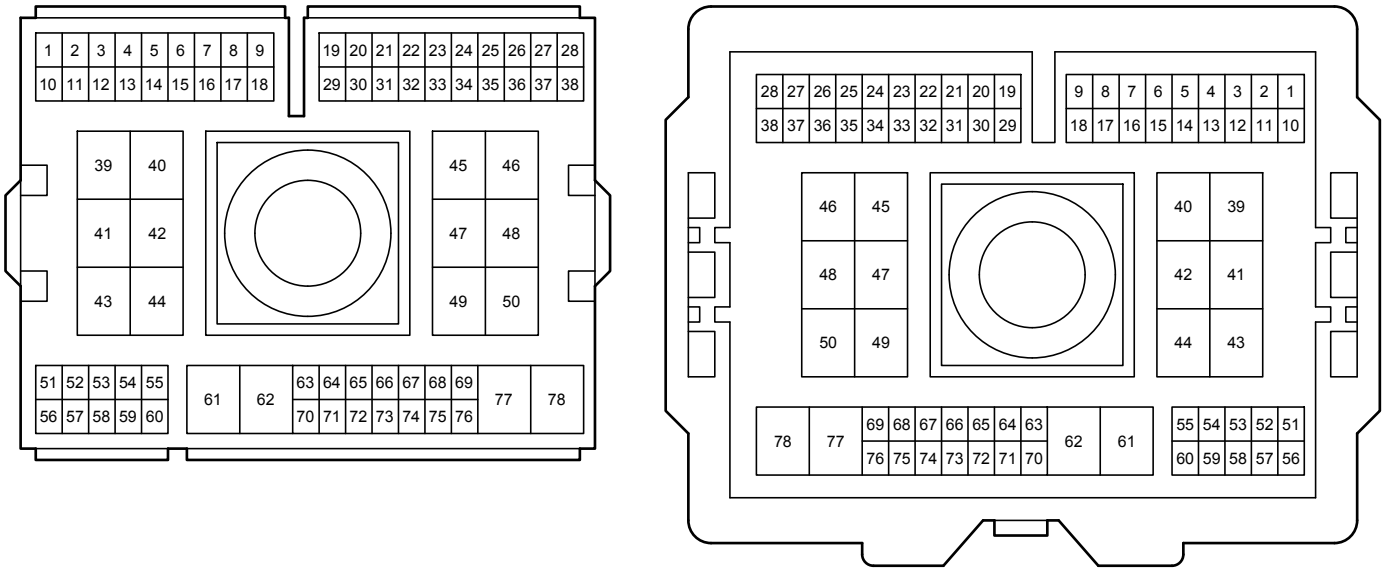
White

Gray

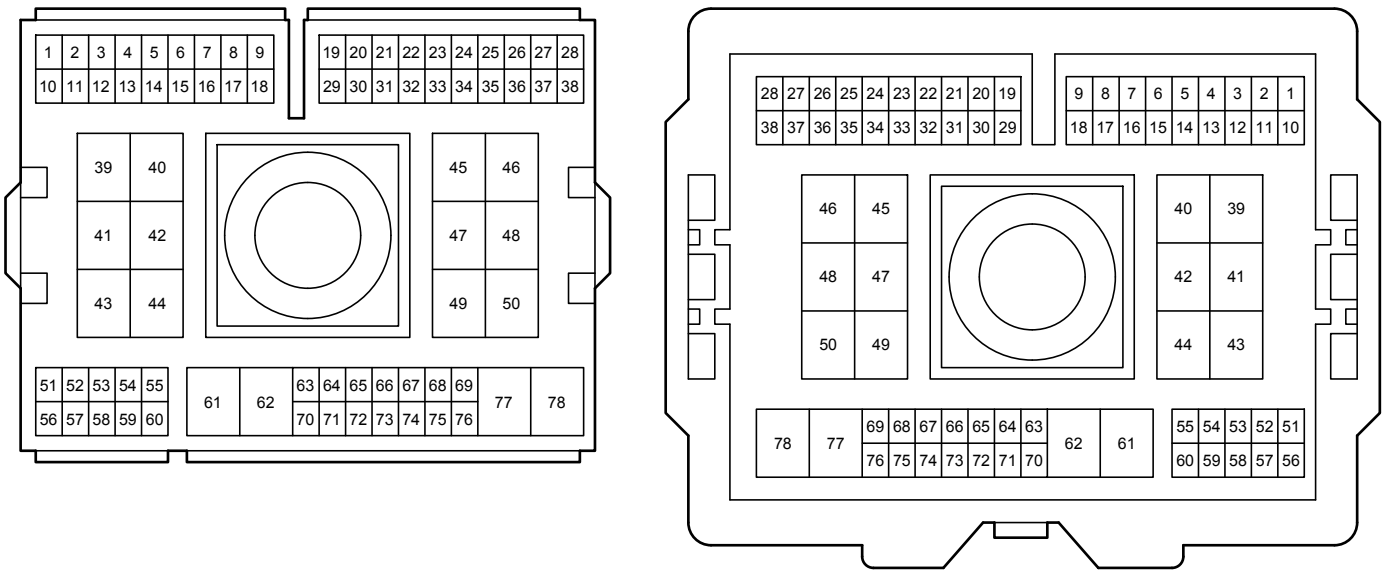


EK2

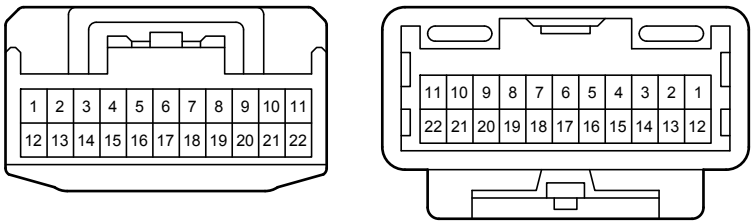
White



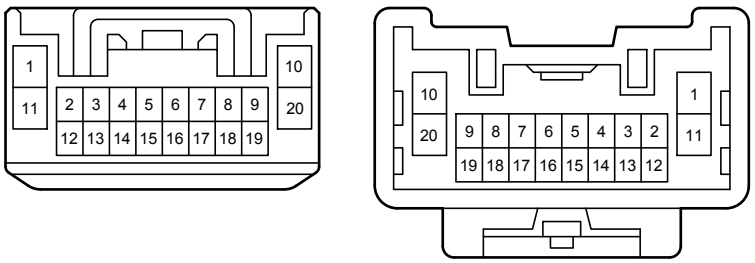
EL1
White



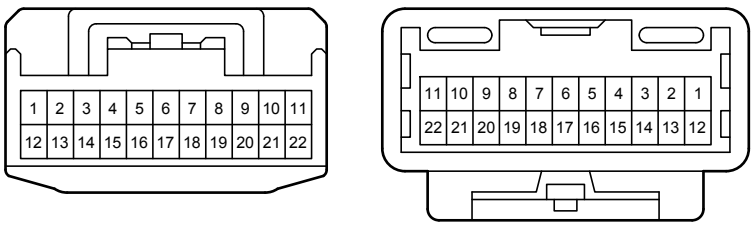
FE3
White

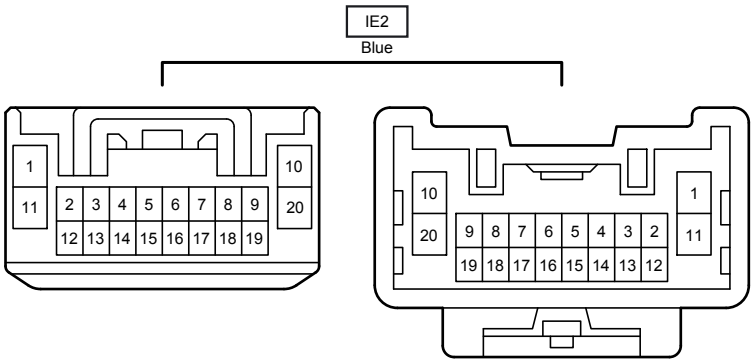


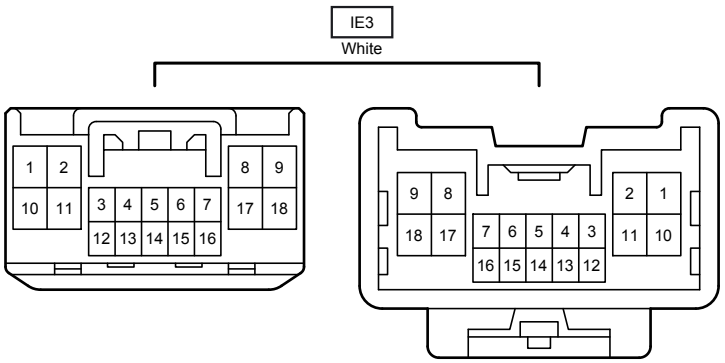
FE4
White

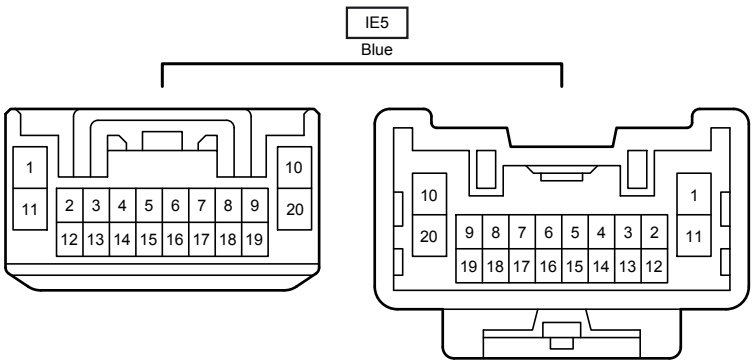


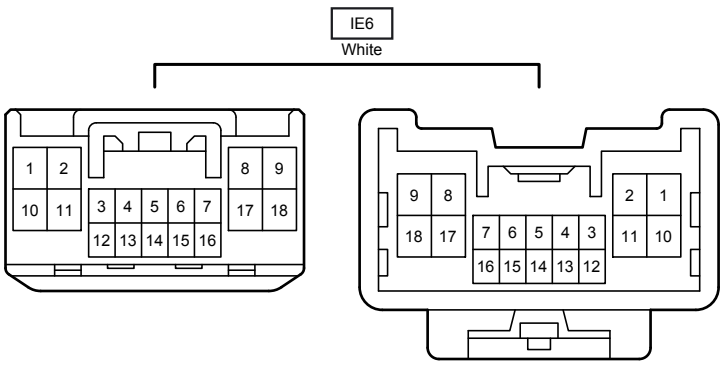
FL2
Blue



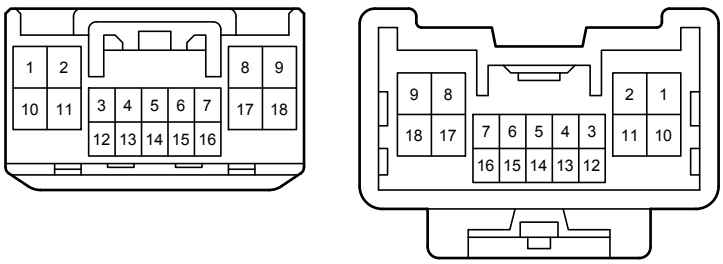

IE2
Blue
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11


IE3
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10

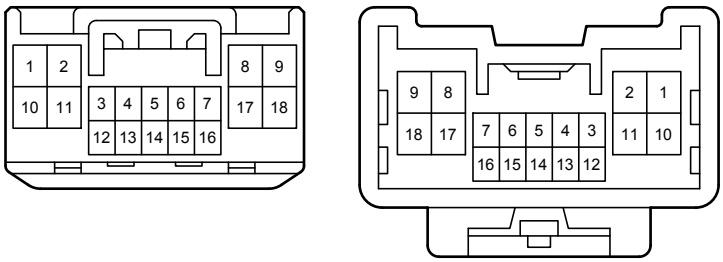

IE5
Blue
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11


IE6
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10

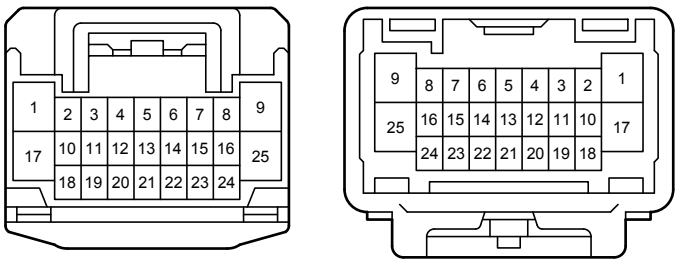
JK1
White



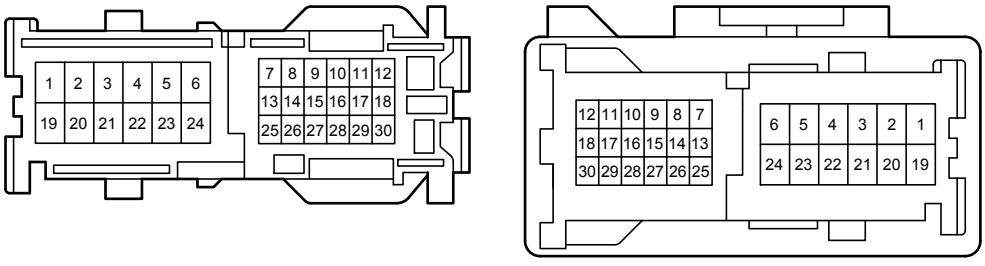
JL1
White



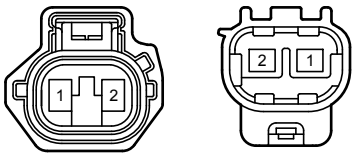
KL1
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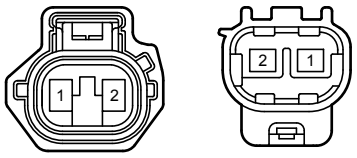
KL2
White

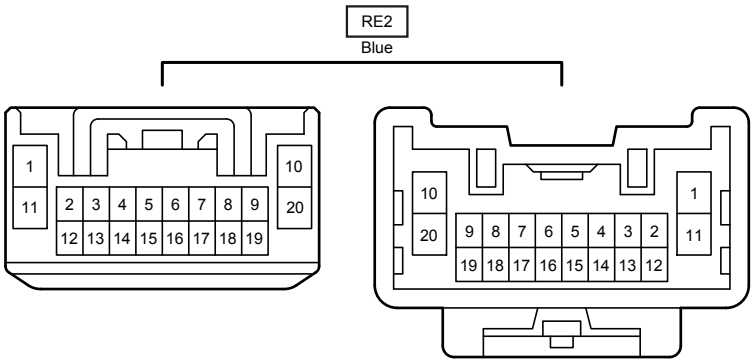


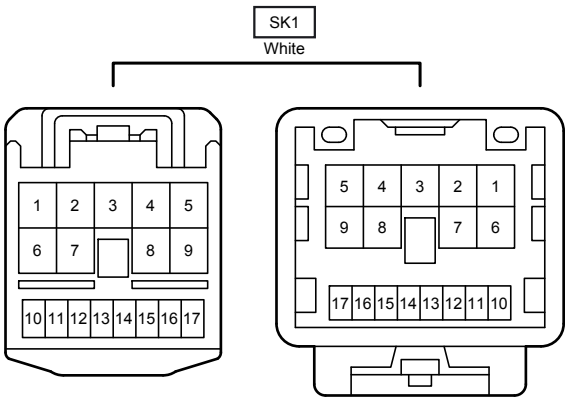
Ko1
Gray White

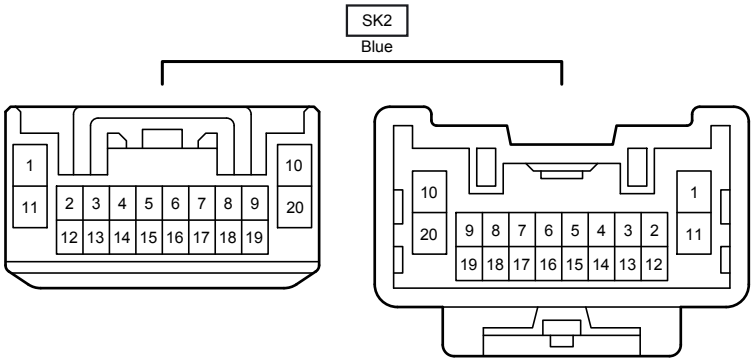


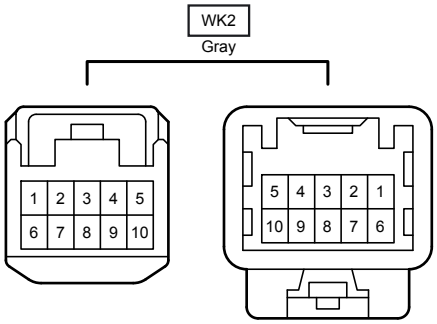
Lo1
Gray White

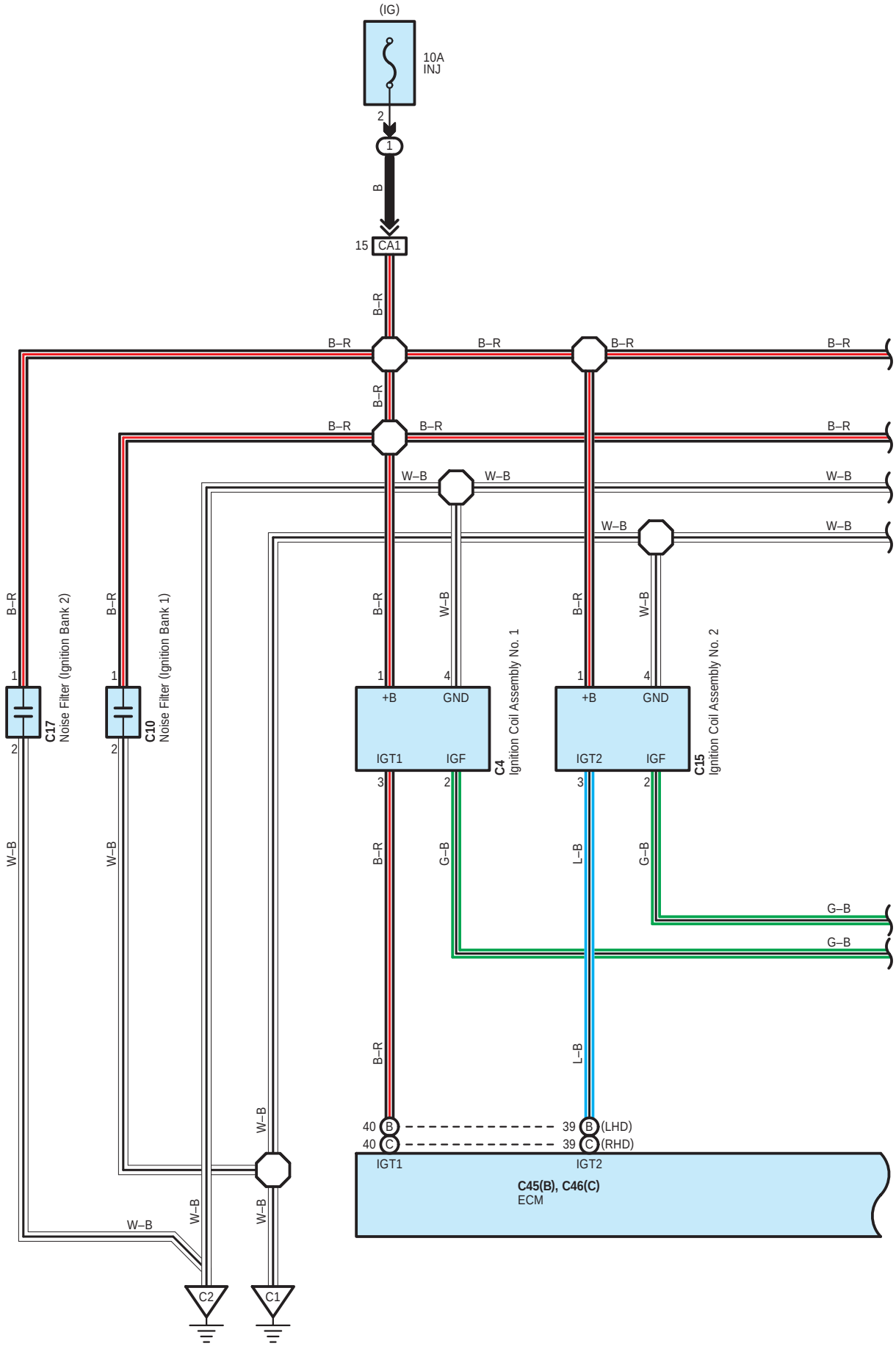



RE2
Blue
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11

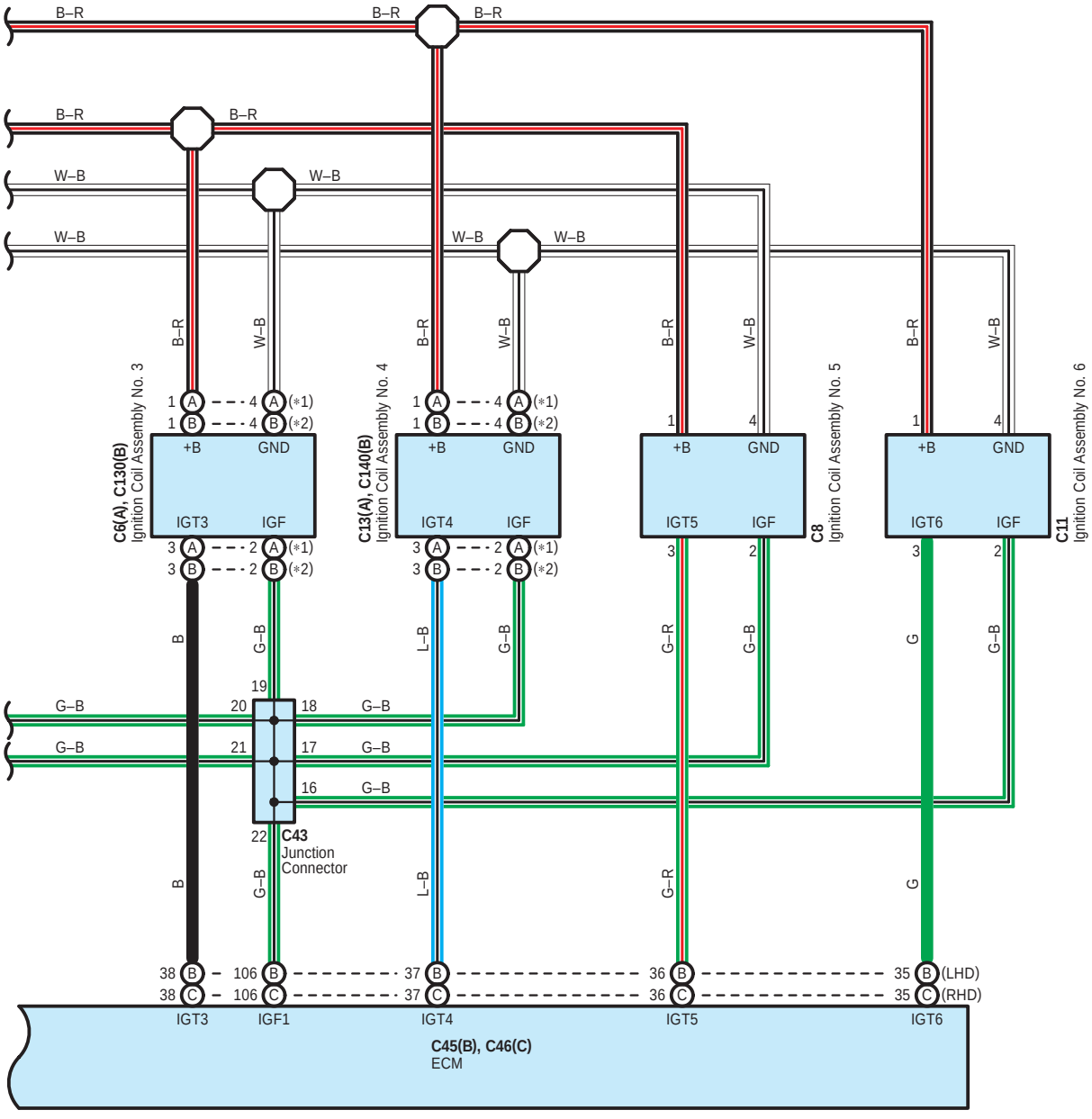

SK1
White
1 2 3 4 5
6 7 8 9
10 11 12 13 14 15 16 17
5 4 3 2 1
9 8 7 6
17 16 15 14 13 12 11 10


SK2
Blue
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11

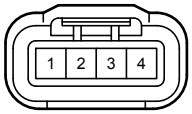

WK2
Gray
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6


(IG)
10A
INJ
2
1
B
15 CA1
B–R
W–B
C17
Noise Filter (Ignition Bank 2)
C10
Noise Filter (Ignition Bank 1)
+B
GND
IGT1
IGF
IGT2
C4
Ignition Coil Assembly No. 1
C15
Ignition Coil Assembly No. 2
G–B
L–B
40 B
40 C
39 B (LHD)
39 C (RHD)
C45(B), C46(C)
ECM
C2
C1

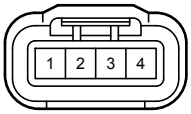
∗ 1 : Before Jan. 2012 Production
∗ 2 : From Jan. 2012 Production



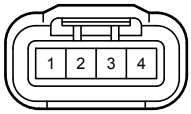
C 4
Black



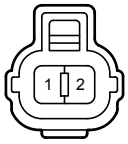
C 6
Black



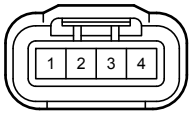
C 8
Black



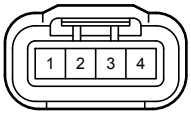
C 10
Gray



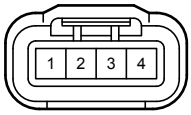
C 11
Black



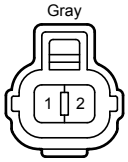
C 13
Black



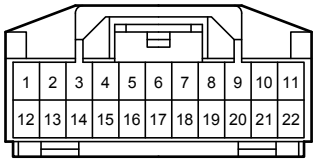
C 15
Black



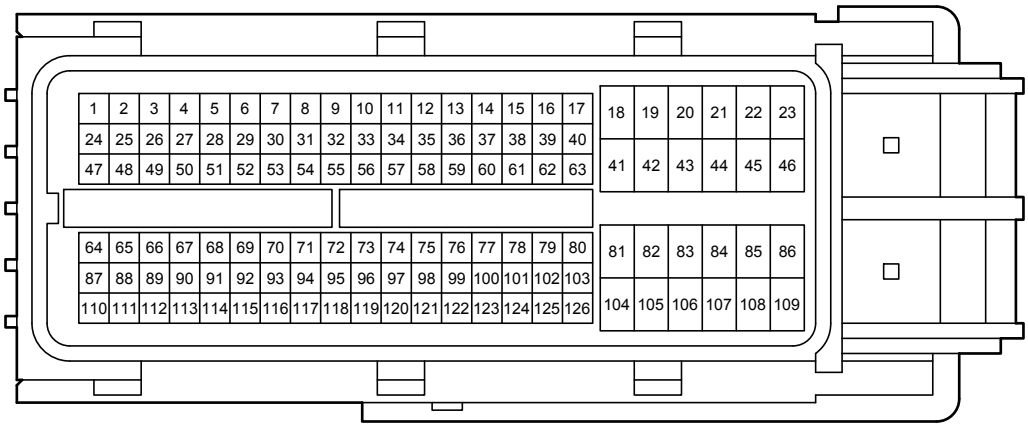
C 17
Gray



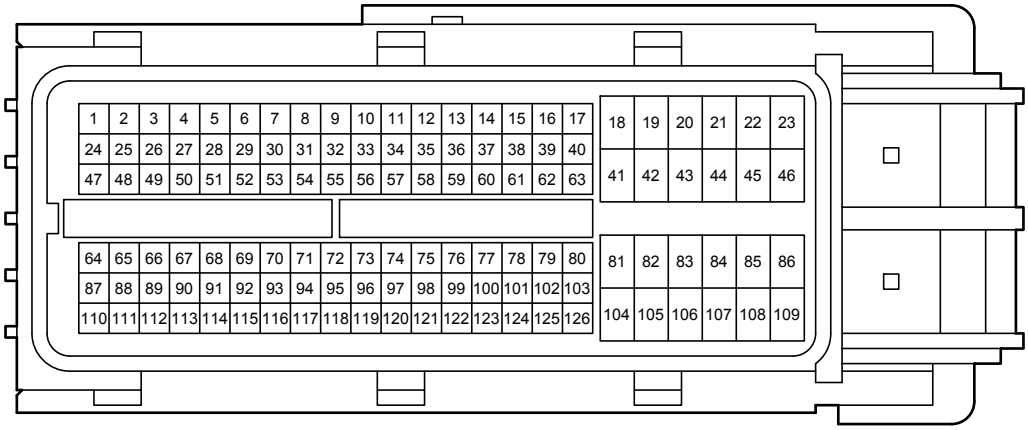
C 43
White

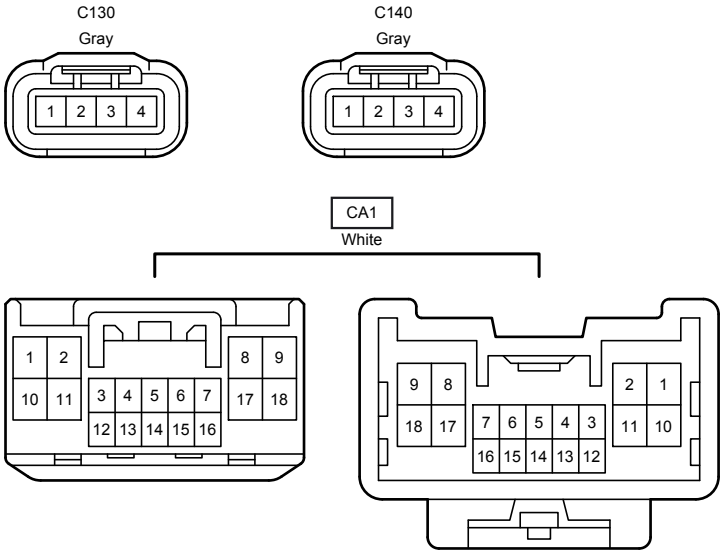


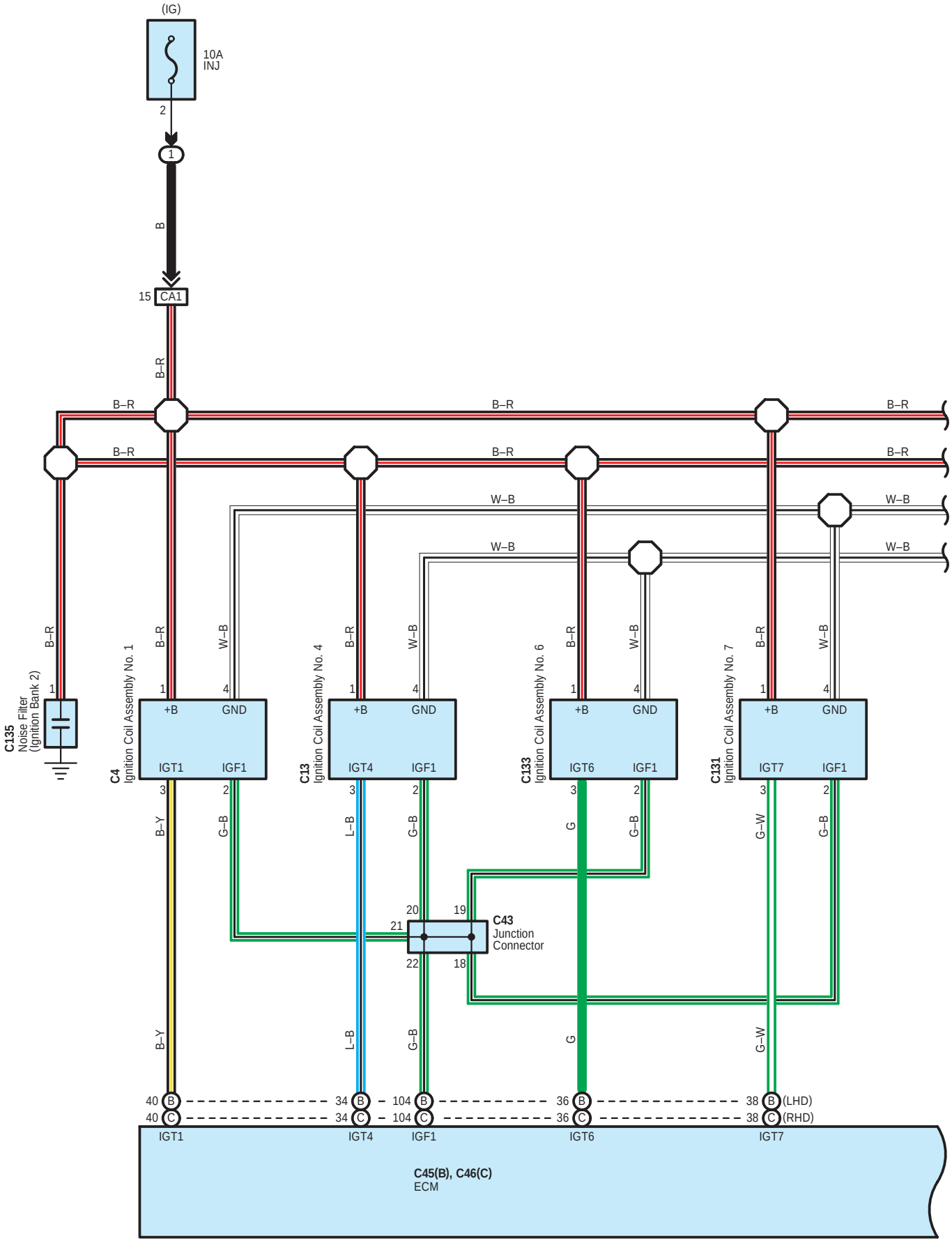
C 45
Black

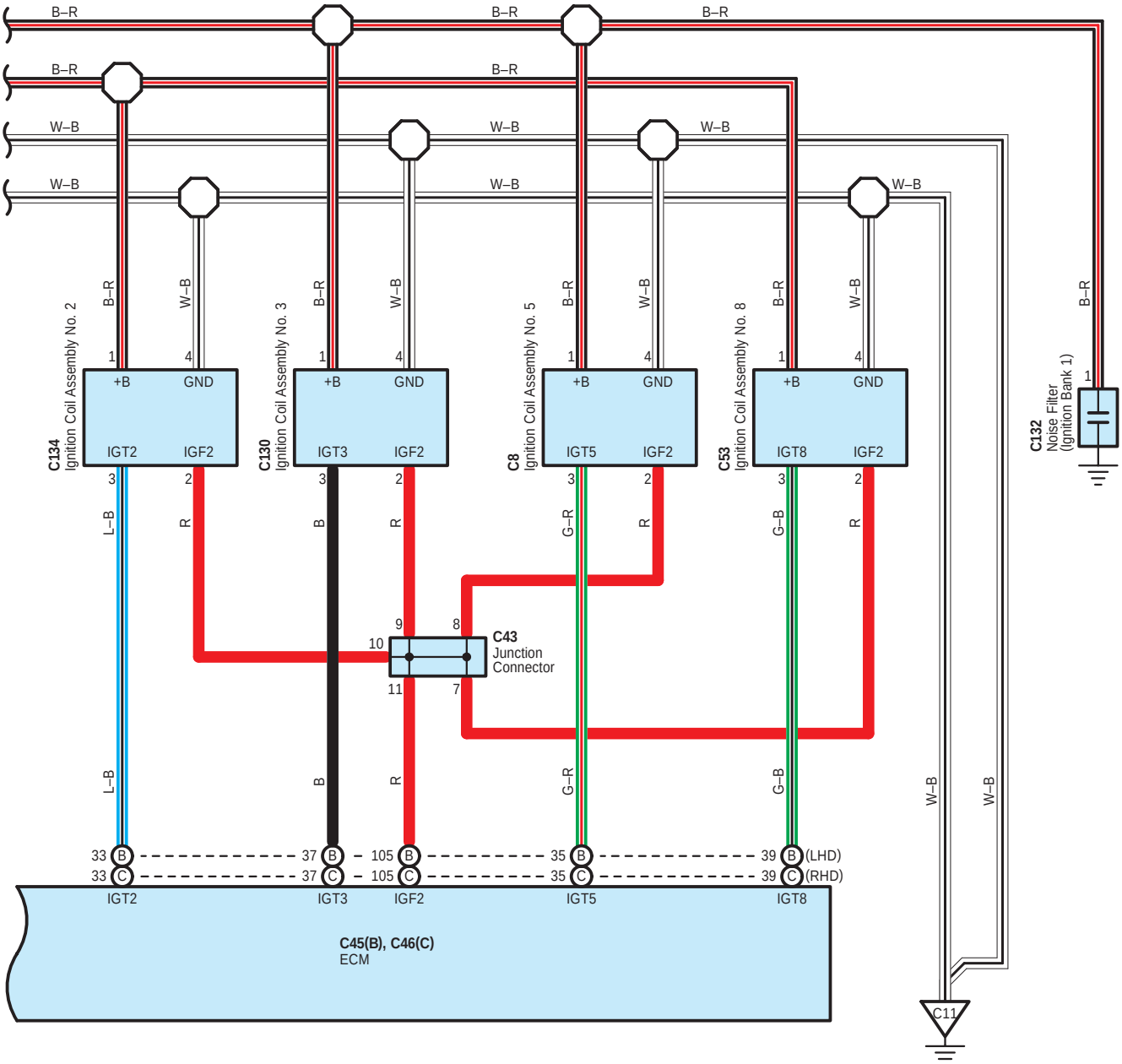


C 46
Black

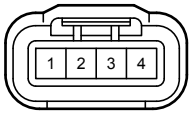



C130
Gray
1 2 3 4
C140
Gray
1 2 3 4
CA1
White
1 2 10 11 3 4 5 6 7 12 13 14 15 16 8 9 17 18
9 8 18 17 7 6 5 4 3 16 15 14 13 12 2 1 11 10

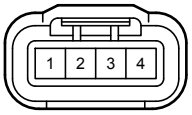

(IG)
10A
INJ
2
1
B
15 CA1
B–R
W–B
C135
Noise Filter
(Ignition Bank 2)
C4
Ignition Coil Assembly No. 1
C13
Ignition Coil Assembly No. 4
C133
Ignition Coil Assembly No. 6
C131
Ignition Coil Assembly No. 7
+B
GND
IGT1
IGF1
IGT4
IGT6
IGT7
B–Y
G–B
L–B
G
G–W
C43
Junction
Connector
40 B
40 C
34 B
34 C
104 B
104 C
36 B
36 C
38 B (LHD)
38 C (RHD)
C45(B), C46(C)
ECM


B–R
W–B
C134
Ignition Coil Assembly No. 2
C130
Ignition Coil Assembly No. 3
C8
Ignition Coil Assembly No. 5
C53
Ignition Coil Assembly No. 8
+B
GND
IGT2
IGT3
IGT5
IGT8
IGF2
C132
Noise Filter
(Ignition Bank 1)
C43
Junction
Connector
L–B
B
R
G–R
G–B
33
37
105
35
39
(LHD)
(RHD)
C45(B), C46(C)
ECM
C11

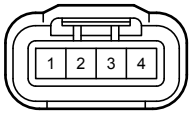
C 4
Black



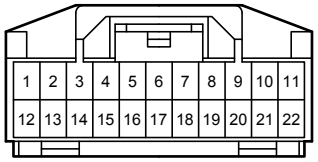
C 8
Black



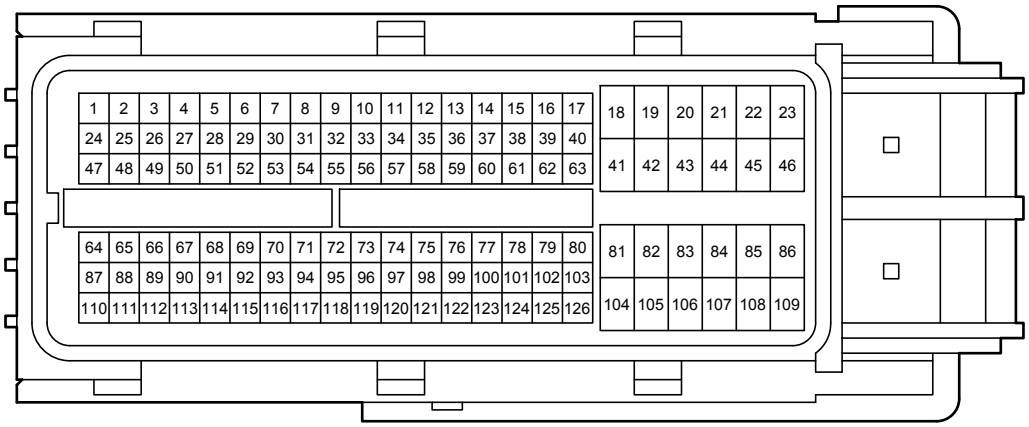
C 13
Black



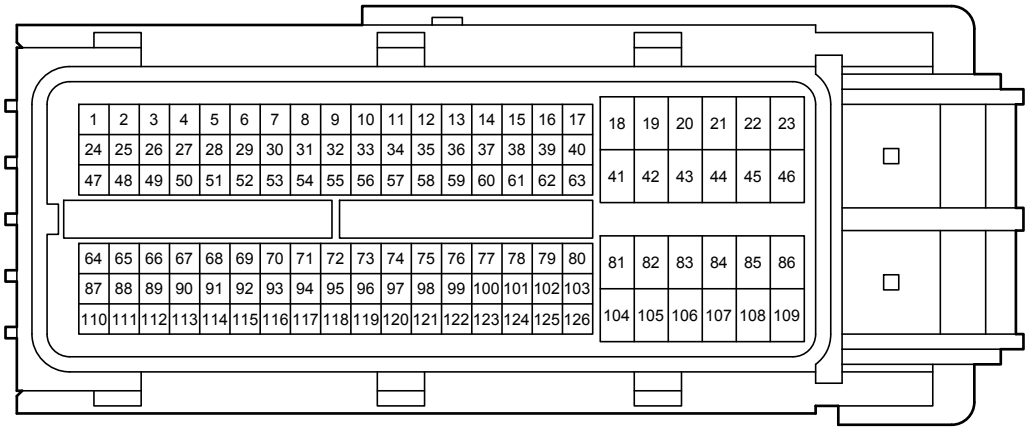
C 43
White



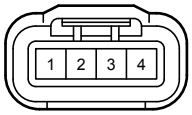
C 45
Black



C 46
Black



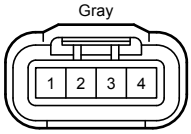
C 53
Black



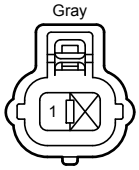
C130
Gray



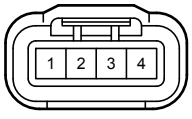
C131
Gray



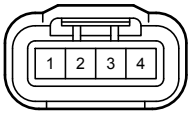
C132
Gray



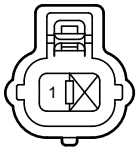
C133
Gray

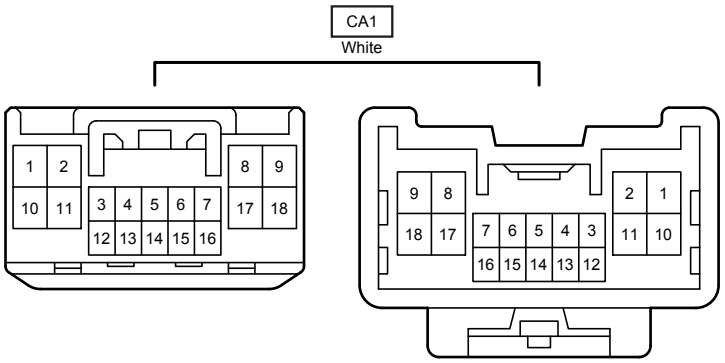


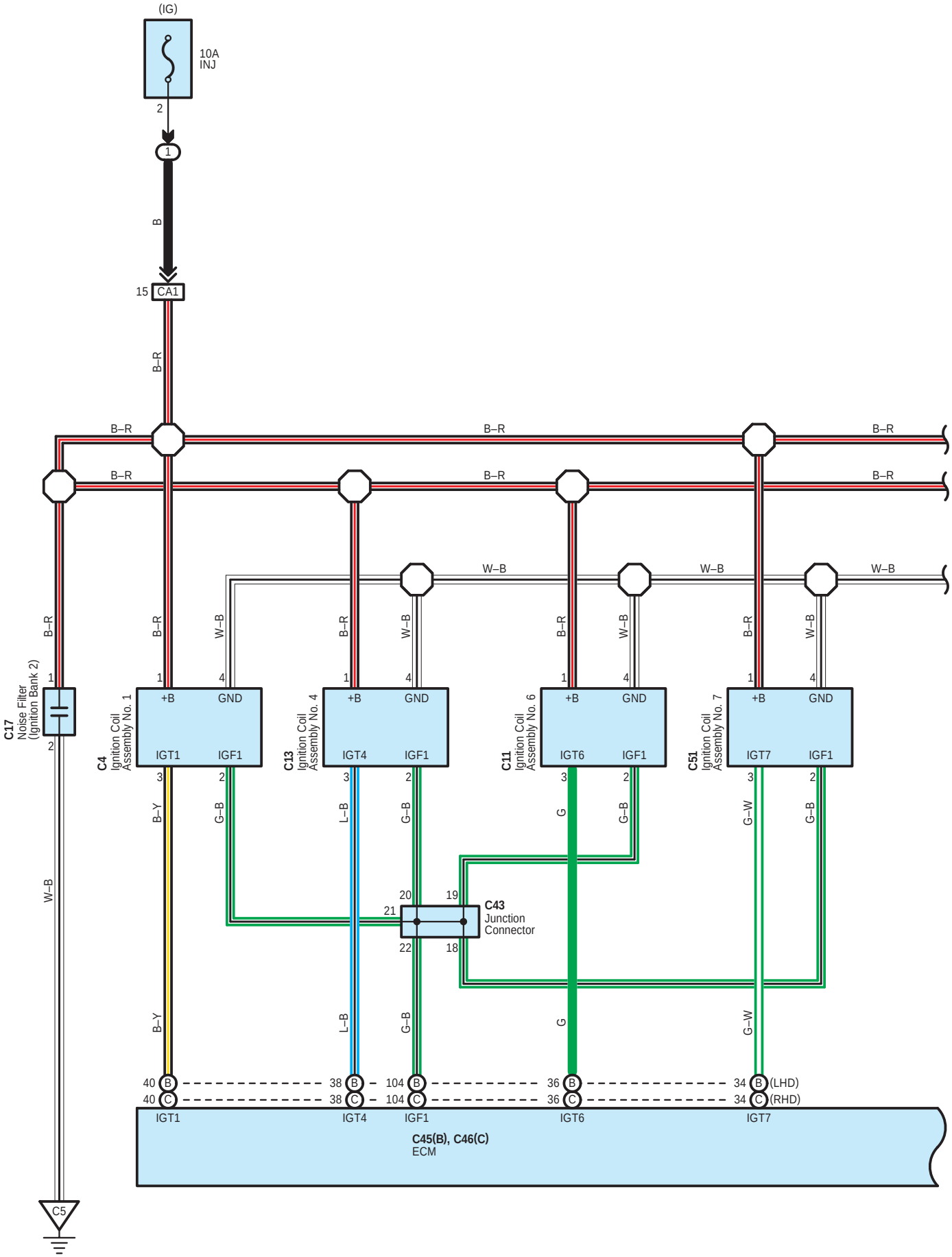
C134
Gray

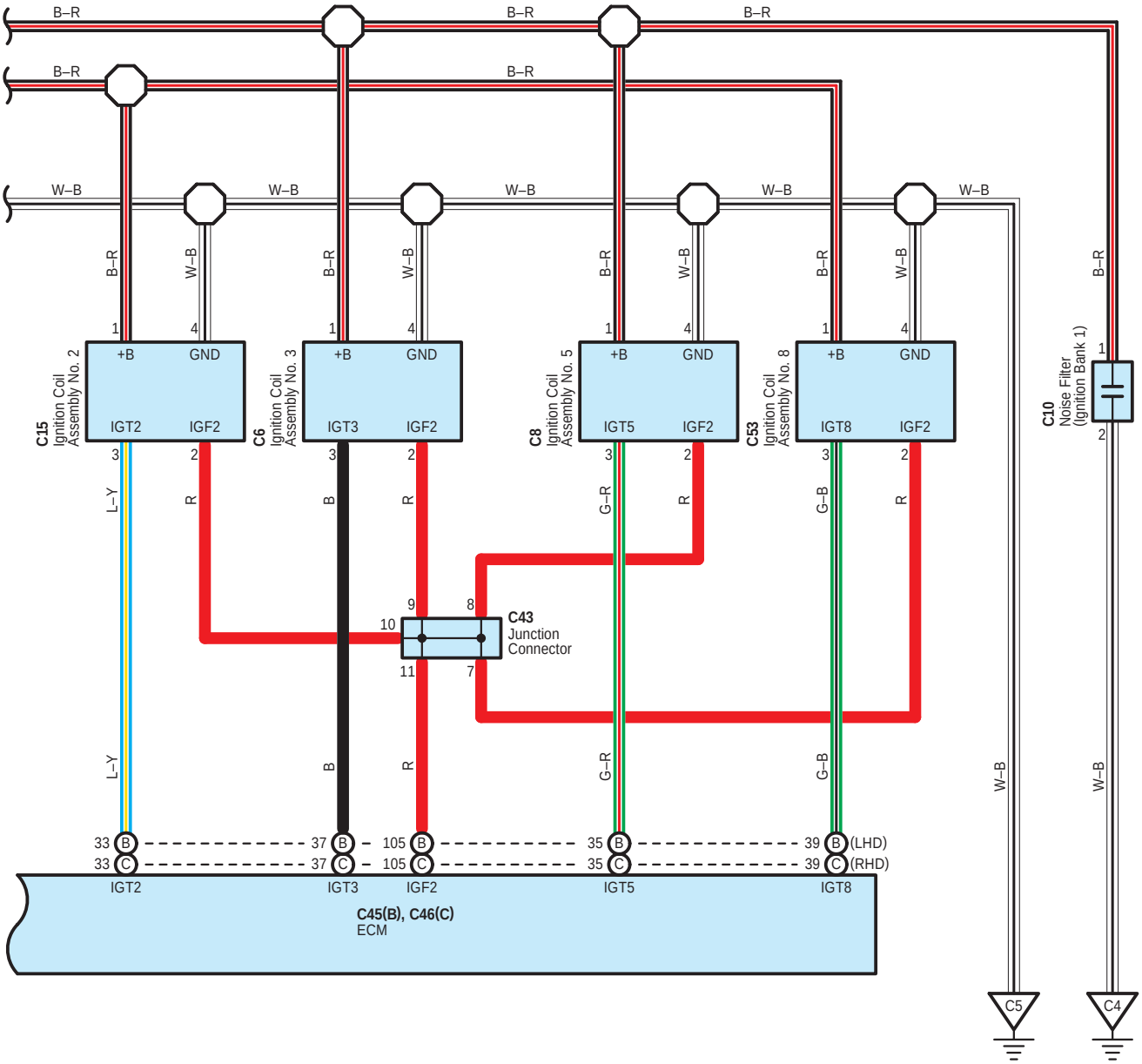


C135
Gray

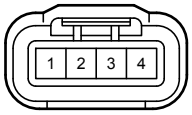



CA1
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10

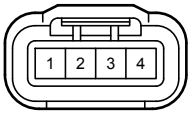

(IG)
10A
INJ
2
1
B
15 CA1
B–R
W–B
C17
Noise Filter
(Ignition Bank 2)
C4
Ignition Coil
Assembly No. 1
C13
Ignition Coil
Assembly No. 4
C11
Ignition Coil
Assembly No. 6
C51
Ignition Coil
Assembly No. 7
+B
GND
IGT1
IGF1
IGT4
IGT6
IGT7
B–Y
L–B
G
G–W
G–B
C43
Junction
Connector
40 B
40 C
38 B
38 C
104 B
104 C
36 B
36 C
34 B (LHD)
34 C (RHD)
C45(B), C46(C)
ECM
C5


B–R
W–B
C15
Ignition Coil
Assembly No. 2
C6
Ignition Coil
Assembly No. 3
C8
Ignition Coil
Assembly No. 5
C53
Ignition Coil
Assembly No. 8
+B
GND
IGT2
IGF2
IGT3
IGT5
IGT8
L–Y
B
G–R
G–B
R
C43
Junction
Connector
C10
Noise Filter
(Ignition Bank 1)
C5
C4
33 (B)
33 (C)
37 (B)
37 (C)
105 (B)
105 (C)
35 (B)
35 (C)
39 (B) (LHD)
39 (C) (RHD)
C45(B), C46(C)
ECM

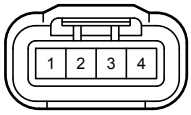
C 4
Black



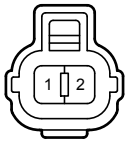
C 6
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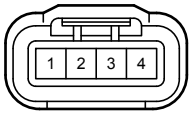
C 8
Black



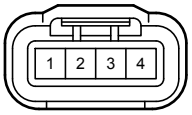
C 10
Gray



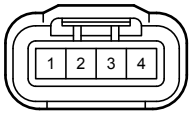
C 11
Black



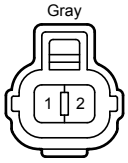
C 13
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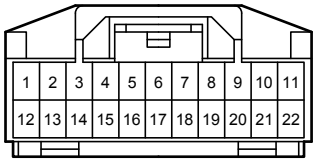
C 15
Black



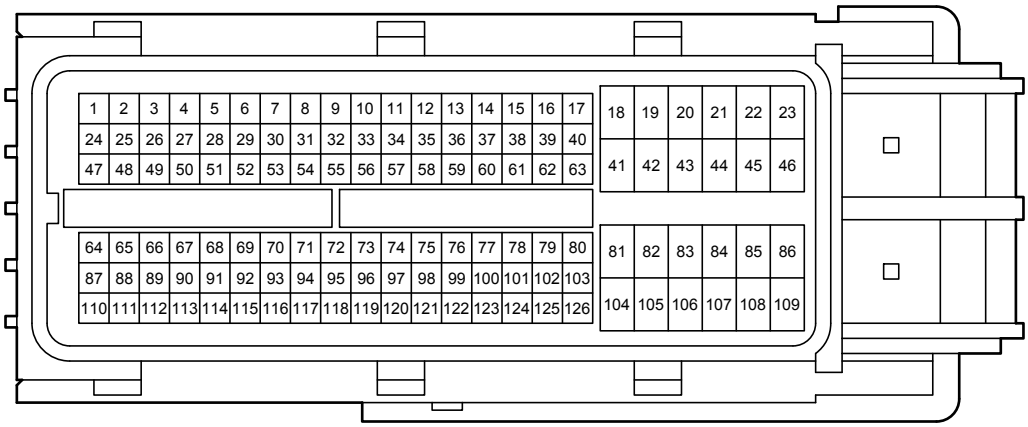
C 17
Gray



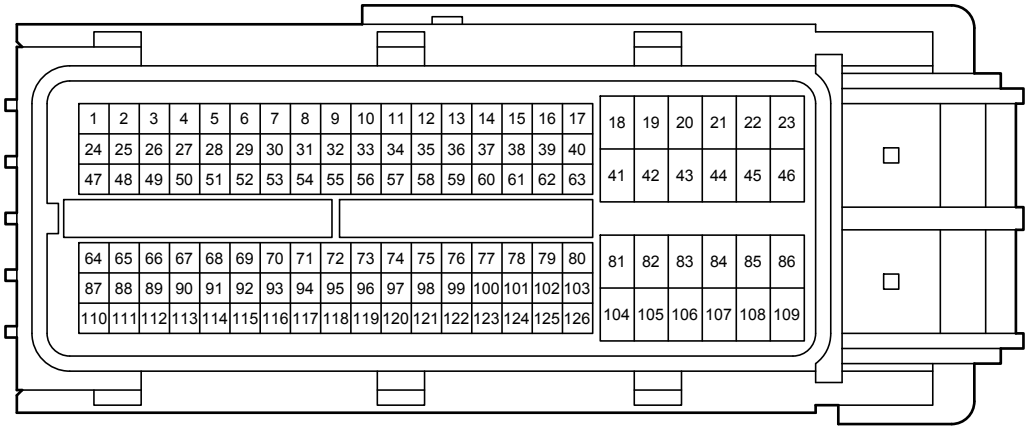
C 43
White

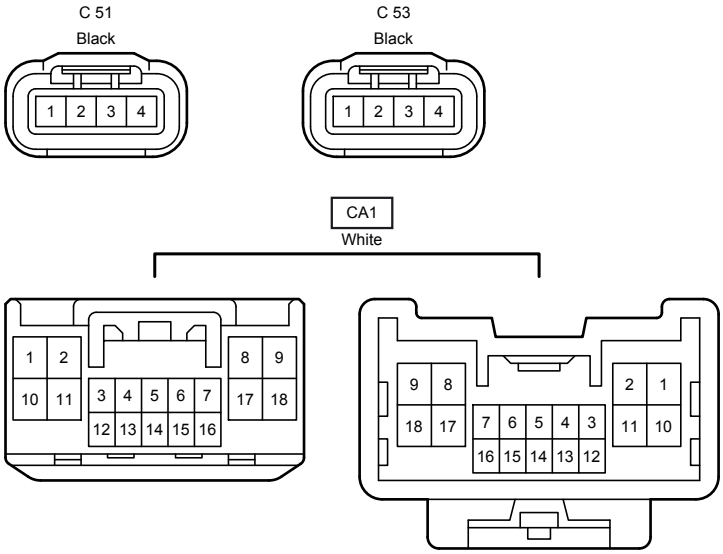


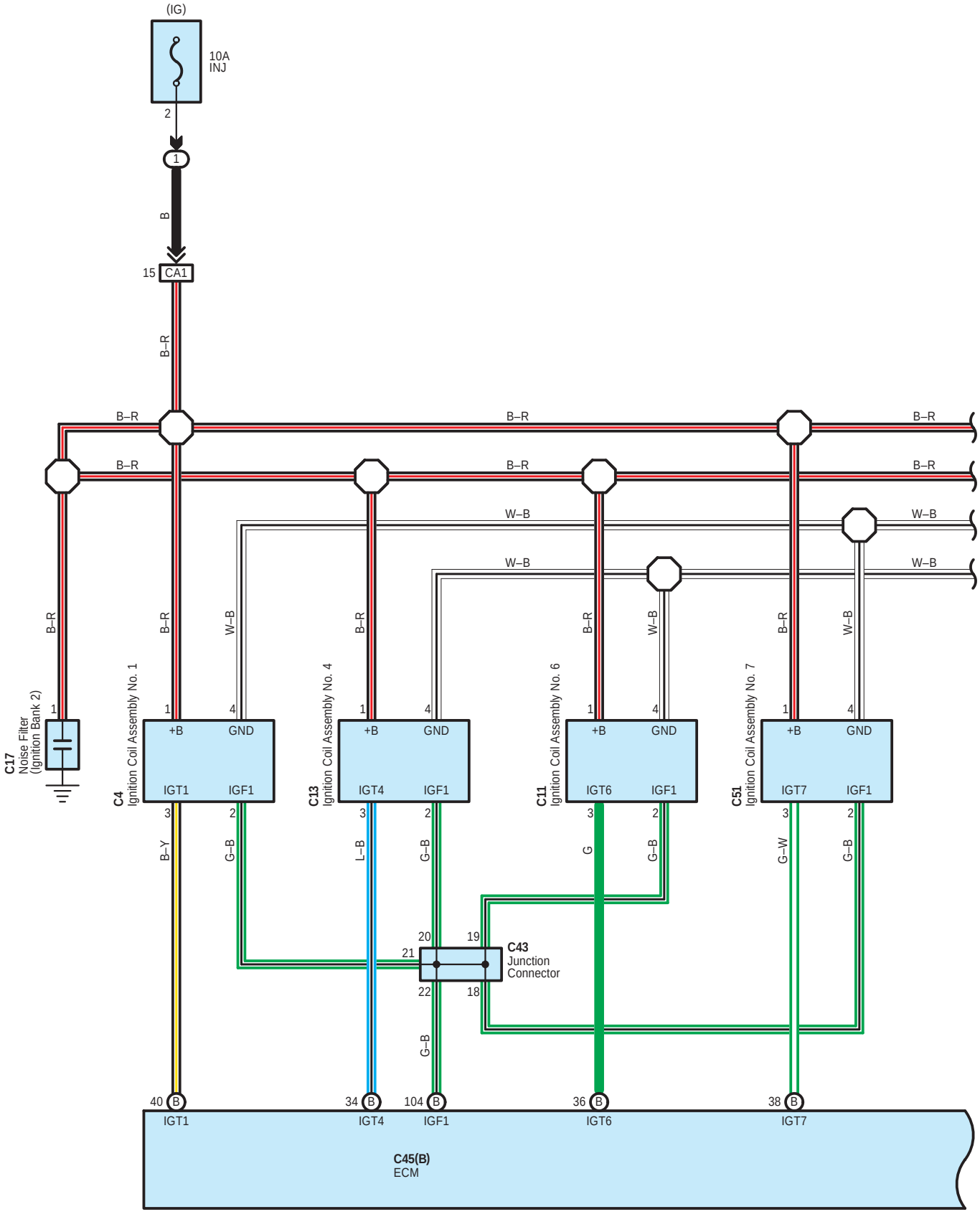
C 45
Black

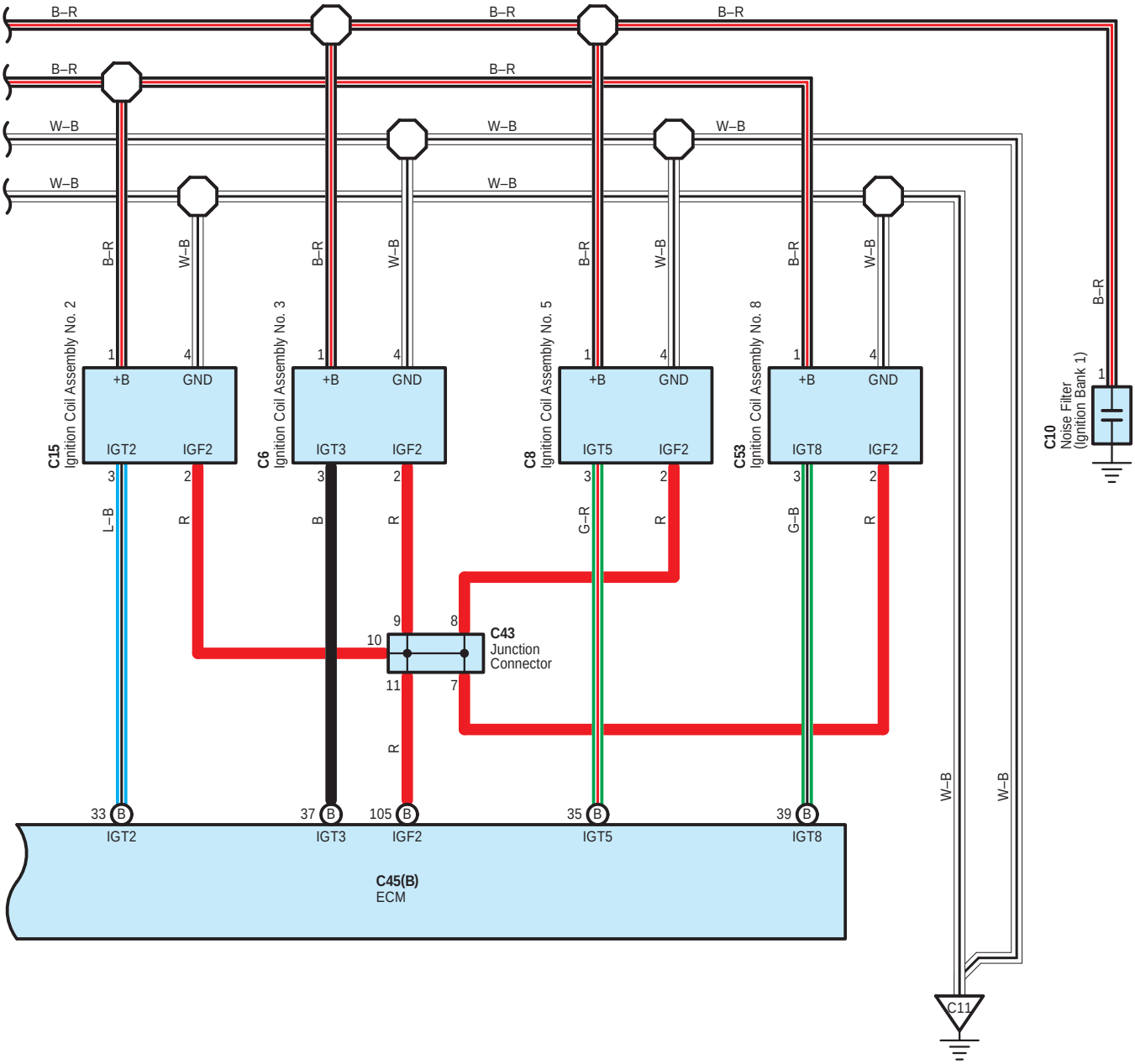


C 46
Black

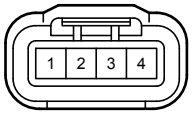



C 51
Black
1 2 3 4
C 53
Black
1 2 3 4
CA1
White
1 2 10 11 3 4 5 6 7 12 13 14 15 16 8 9 17 18
9 8 18 17 7 6 5 4 3 16 15 14 13 12 2 1 11 10

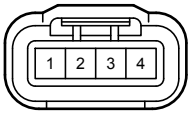

(IG)
10A
INJ
2
1
B
15 CA1
B–R
W–B
C17
Noise Filter
(Ignition Bank 2)
C4
Ignition Coil Assembly No. 1
C13
Ignition Coil Assembly No. 4
C11
Ignition Coil Assembly No. 6
C51
Ignition Coil Assembly No. 7
+B
GND
IGT1
IGF1
IGT4
IGT6
IGT7
B–Y
G–B
L–B
G
G–W
C43
Junction
Connector
40 IGT1
34 IGT4
104 IGF1
36 IGT6
38 IGT7
C45(B)
ECM


B–R
W–B
C15
Ignition Coil Assembly No. 2
C6
Ignition Coil Assembly No. 3
C8
Ignition Coil Assembly No. 5
C53
Ignition Coil Assembly No. 8
+B
GND
IGT2
IGF2
IGT3
IGT5
IGT8
L–B
B
G–R
G–B
R
C43
Junction Connector
C10
Noise Filter
(Ignition Bank 1)
C11
C45(B)
ECM

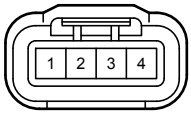
C 4
Black



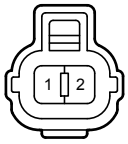
C 6
Black



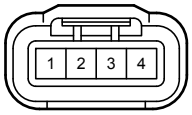
C 8
Black



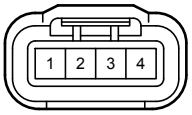
C 10
Gray



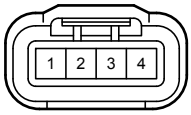
C 11
Black



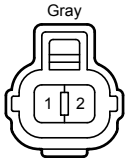
C 13
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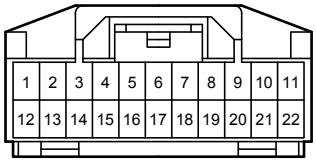
C 15
Black



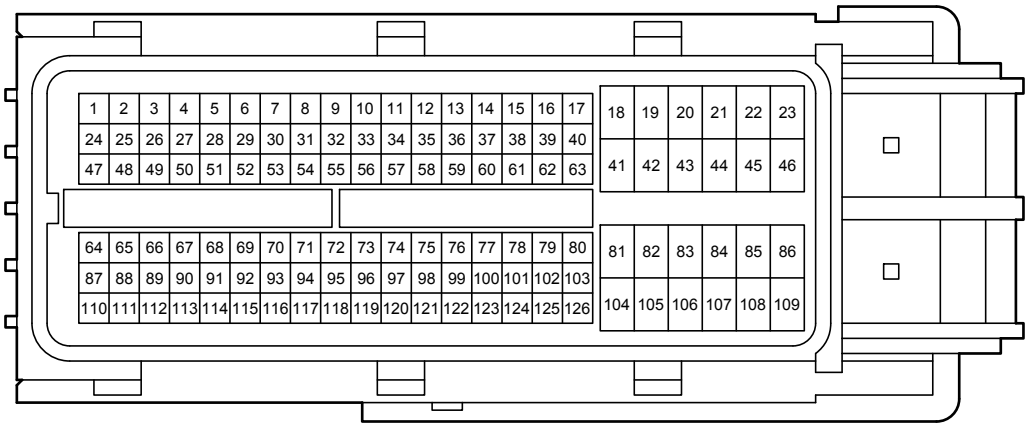
C 17
Gray



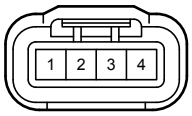
C 43
White



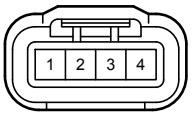
C 45
Black



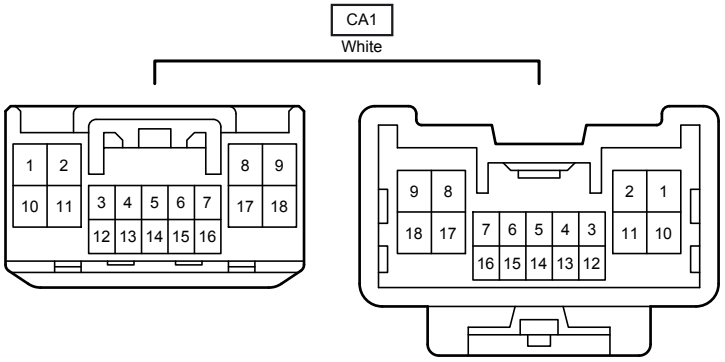
C 51
Black

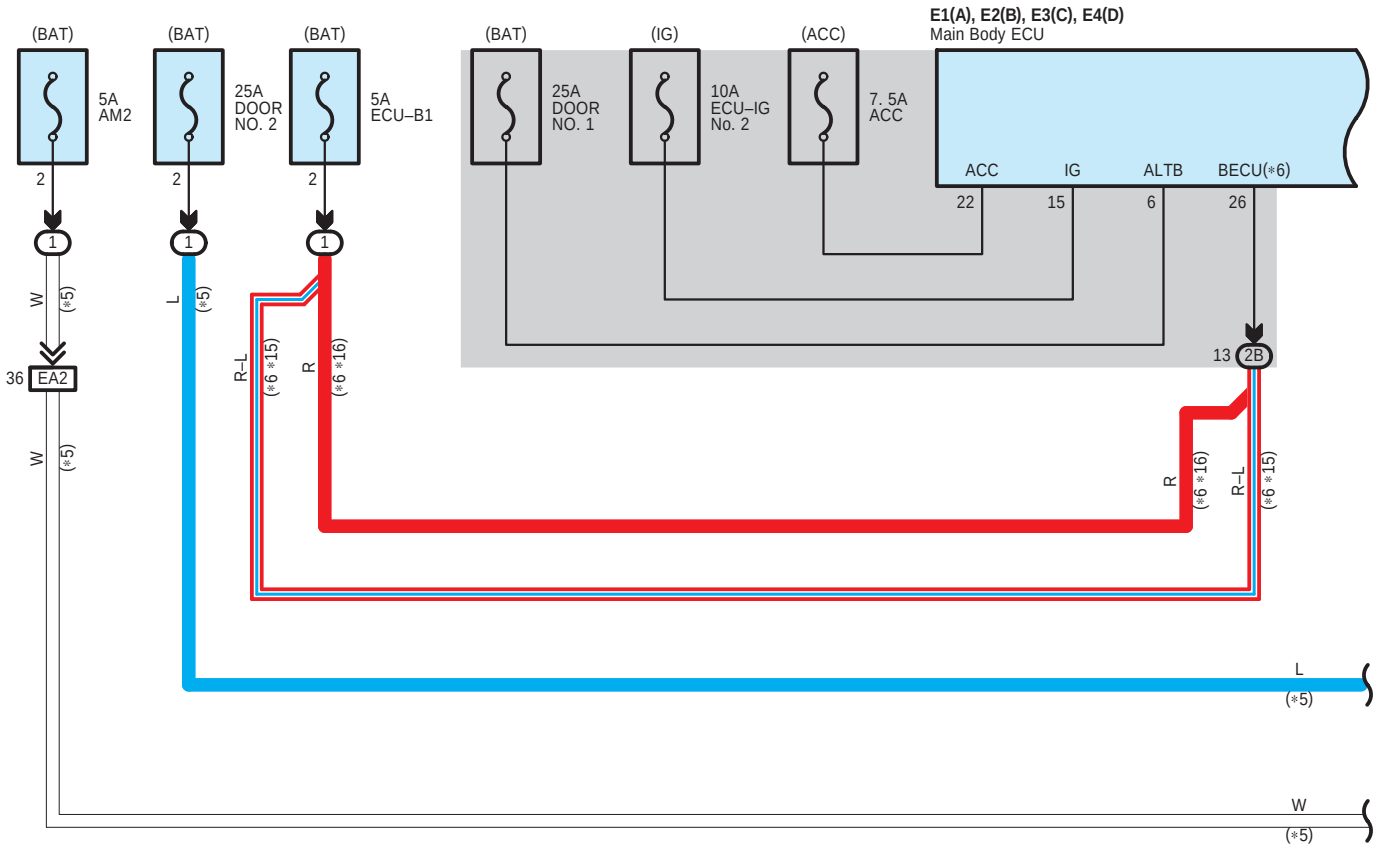


C 53
Black

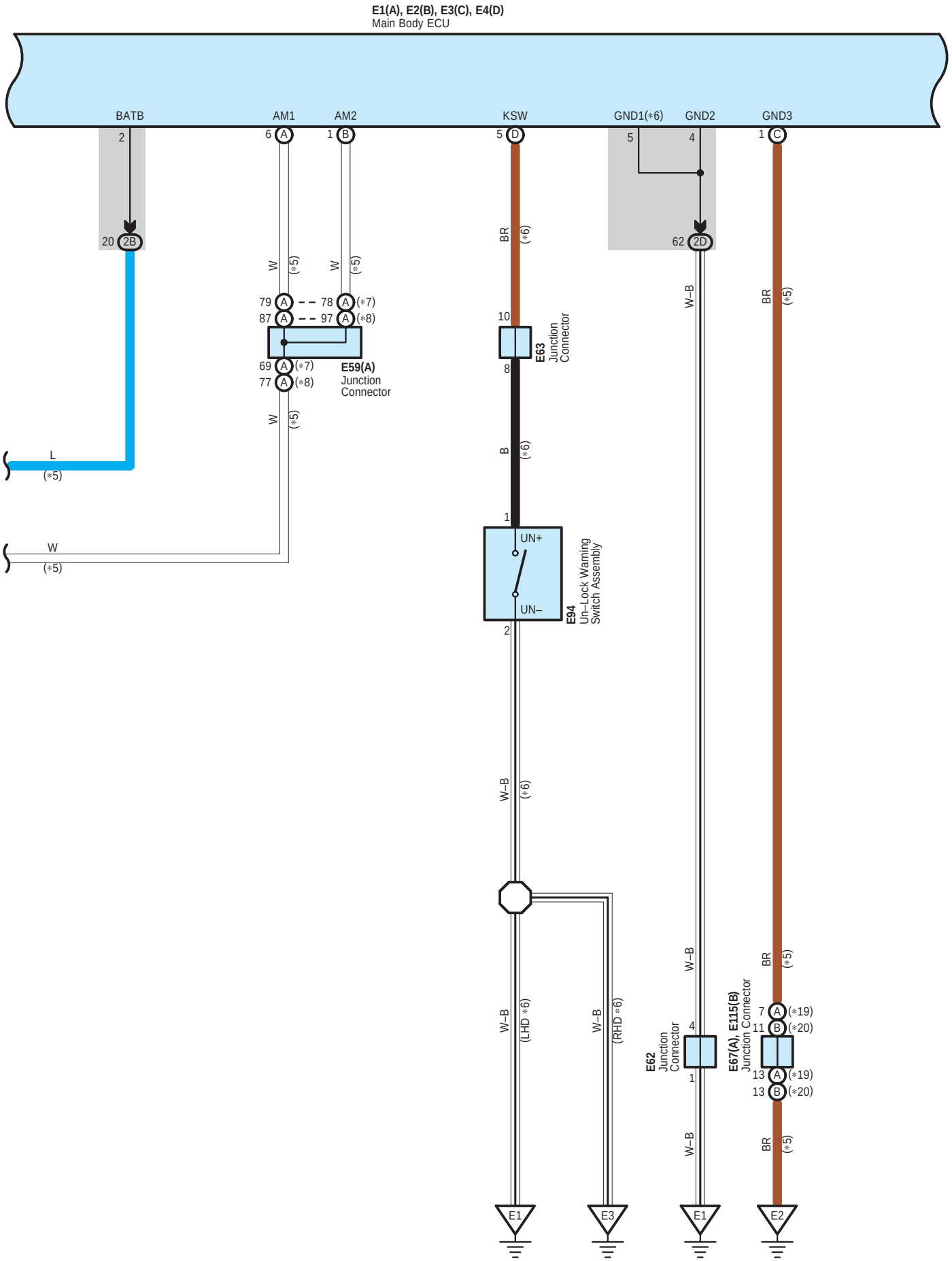


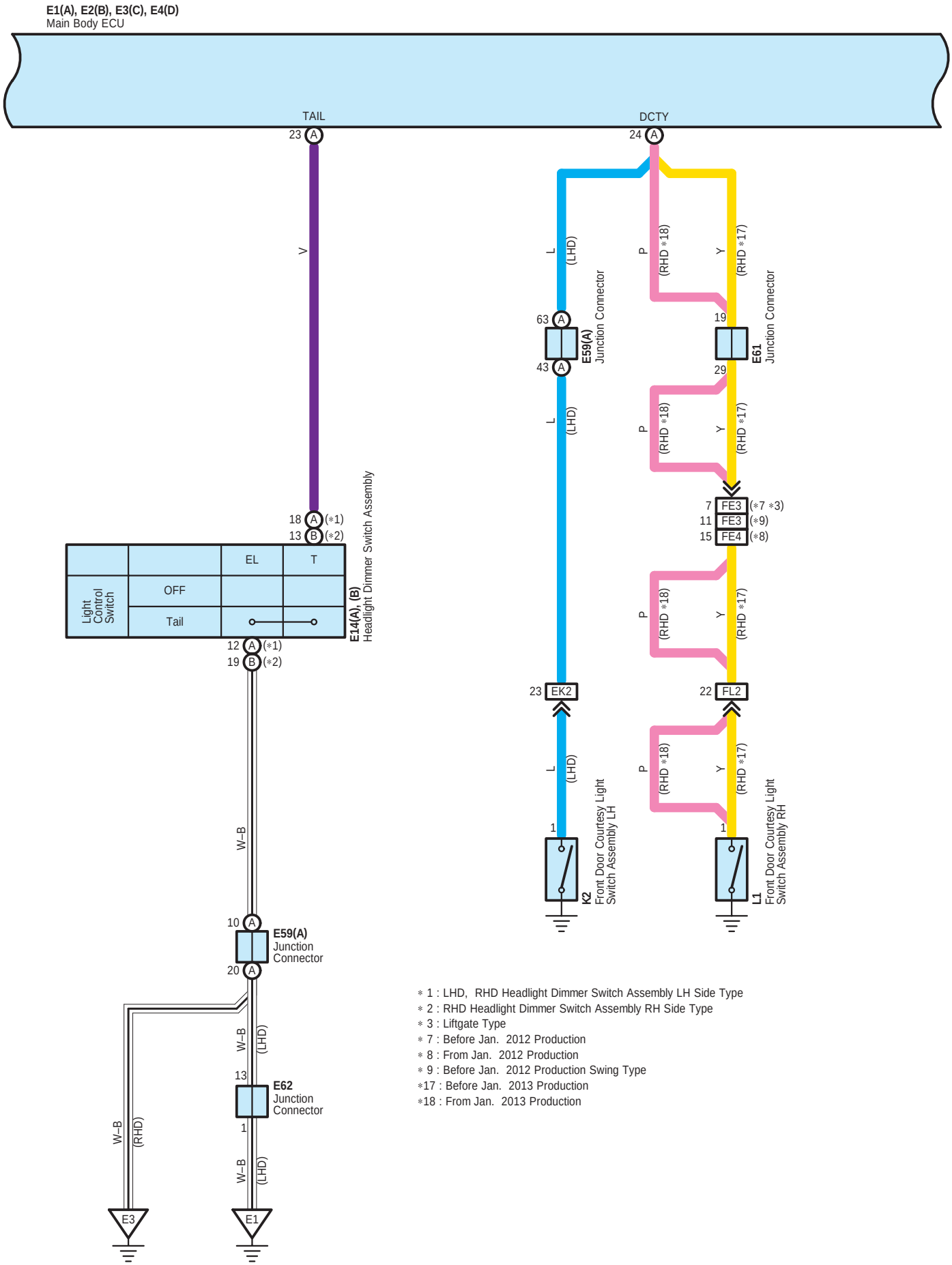
CA1
White



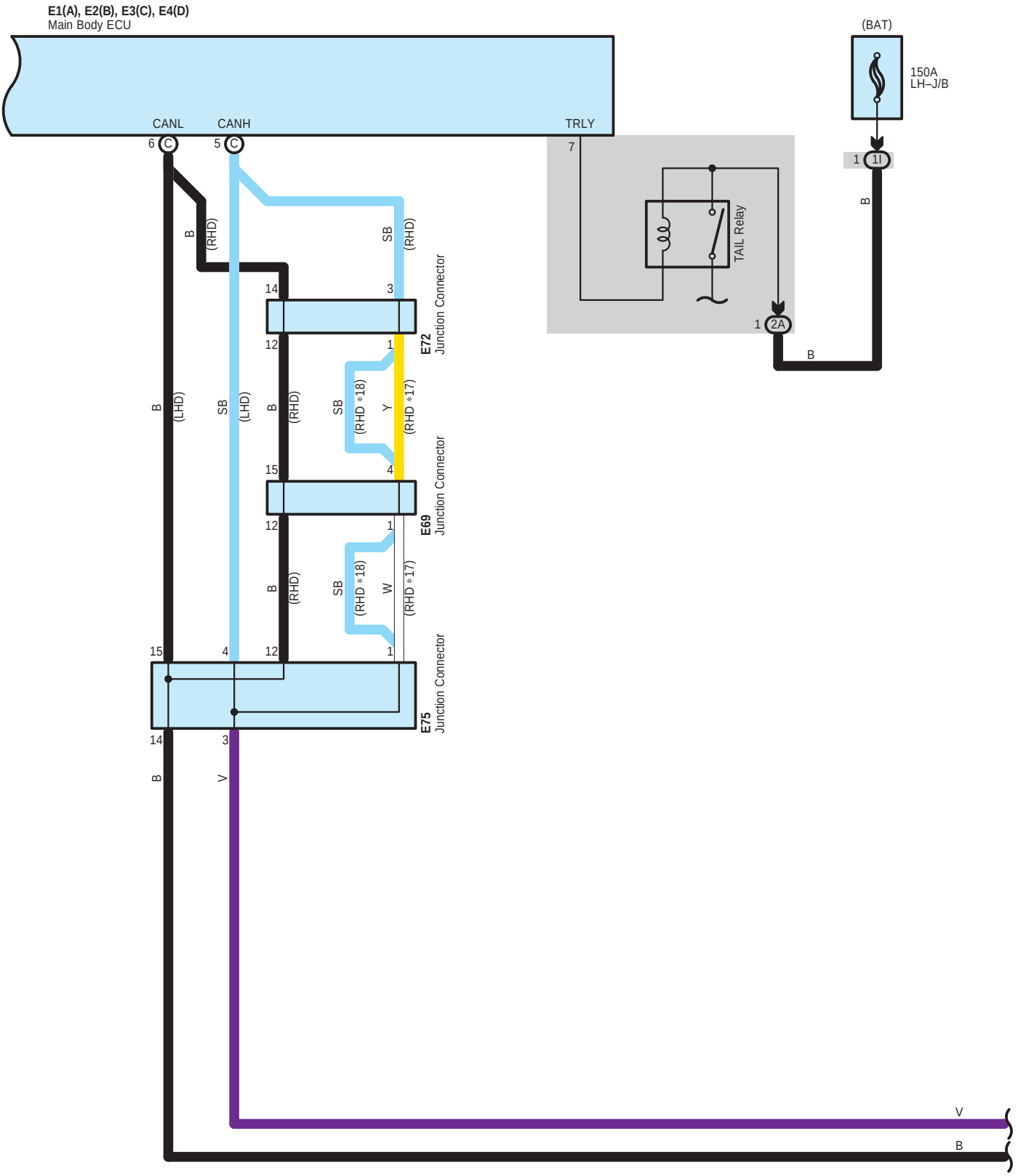


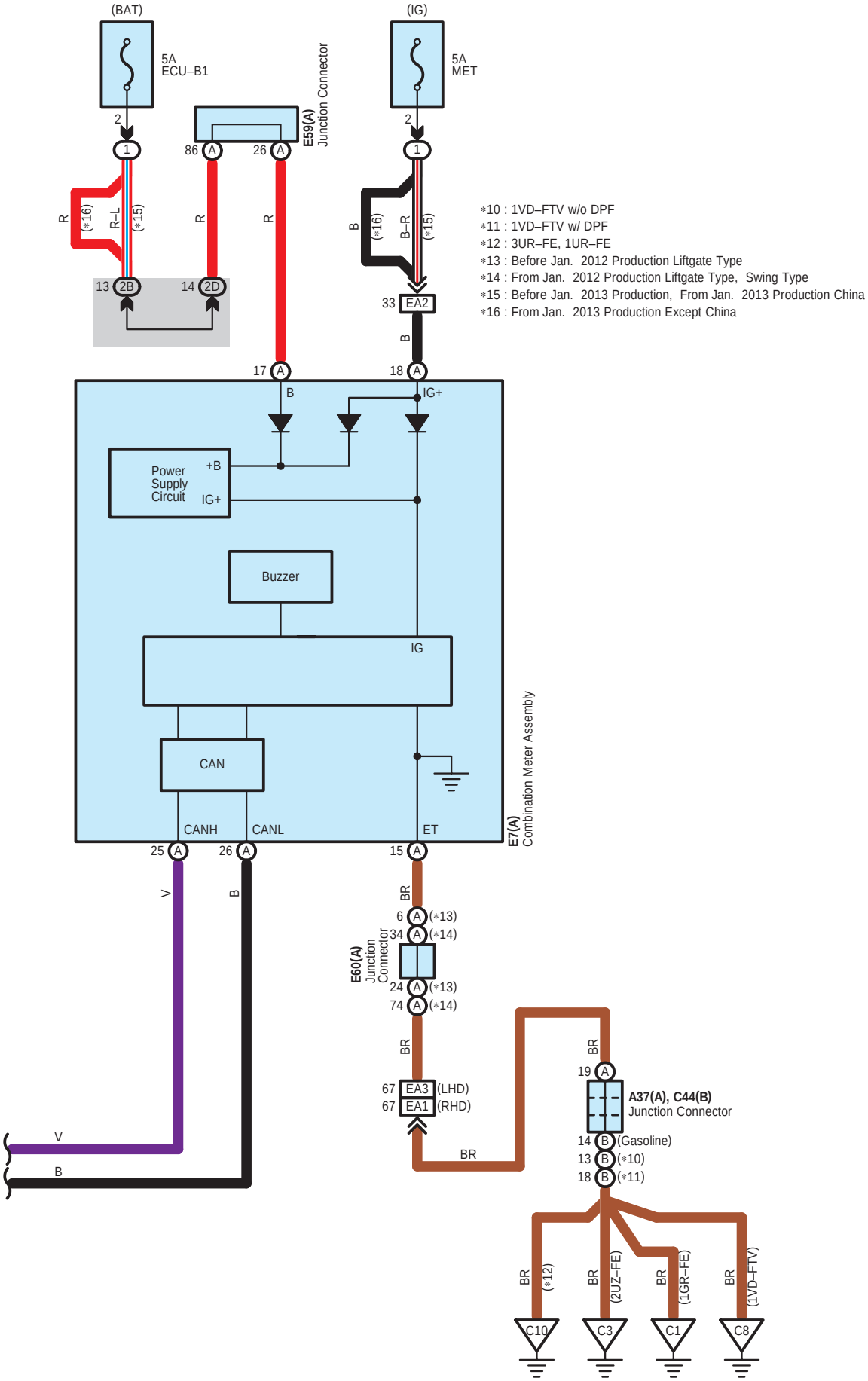
∗ 5 : w/ Entry & Start System
∗ 6 : w/o Entry & Start System
∗ 7 : Before Jan. 2012 Production
∗ 8 : From Jan. 2012 Production
∗15 : Before Jan. 2013 Production, From Jan. 2013 Production China
∗16 : From Jan. 2013 Production Except China
∗19 : LHD Before Aug. 2013 Production,
LHD From Aug. 2013 Production China, RHD
∗20 : LHD From Aug. 2013 Production Except China


E1(A), E2(B), E3(C), E4(D)
Main Body ECU
BATB
AM1
AM2
KSW
GND1(∗6)
GND2
GND3
2
20 2B
6 A
1 B
5 D
5
4
1 C
62 2D
W
(∗5)
79 A
87 A
78 A (∗7)
97 A (∗8)
69 A (∗7)
77 A (∗8)
E59(A)
Junction
Connector
L
(∗5)
W
(∗5)
BR
(∗6)
10
8
E63
Junction
Connector
B
(∗6)
1
UN+
UN–
E94
Un–Lock Warning
Switch Assembly
2
W–B
(∗6)
W–B
(LHD ∗6)
W–B
(RHD ∗6)
W–B
BR
(∗5)
4
1
E62
Junction
Connector
7 A (∗19)
11 B (∗20)
13 A (∗19)
13 B (∗20)
E67(A), E115(B)
Junction Connector
E1
E3
E1
E2



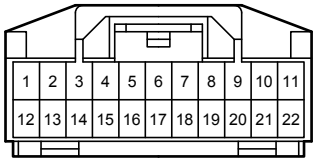
* 1 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 2 : RHD Headlight Dimmer Switch Assembly RH Side Type
* 3 : Liftgate Type
* 7 : Before Jan. 2012 Production
* 8 : From Jan. 2012 Production
* 9 : Before Jan. 2012 Production Swing Type
*17 : Before Jan. 2013 Production
*18 : From Jan. 2013 Production


E1(A), E2(B), E3(C), E4(D)
Main Body ECU
CANL
CANH
TRLY
6 C
5 C
7
(BAT)
150A
LH–J/B
1 1I
B
TAIL Relay
1 2A
B
B (RHD)
SB (RHD)
14
3
12
1
E72
Junction Connector
B (LHD)
SB (LHD)
B (RHD)
SB (RHD *18)
Y
(RHD *17)
15
4
12
1
E69
Junction Connector
B (RHD)
SB (RHD *18)
W
(RHD *17)
15
4
12
1
E75
Junction Connector
14
3
B
V
V
B

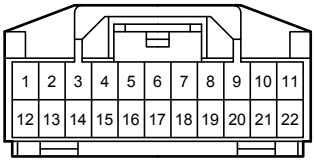


*10 : 1VD–FTV w/o DPF
*11 : 1VD–FTV w/ DPF
*12 : 3UR–FE, 1UR–FE
*13 : Before Jan. 2012 Production Liftgate Type
*14 : From Jan. 2012 Production Liftgate Type, Swing Type
*15 : Before Jan. 2013 Production, From Jan. 2013 Production China
*16 : From Jan. 2013 Production Except China

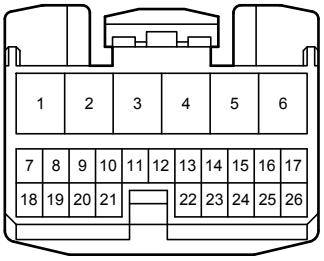
A 37
Blue



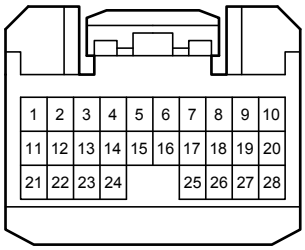
C 44
Blue



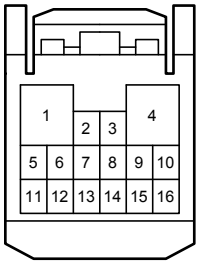
E 1
White



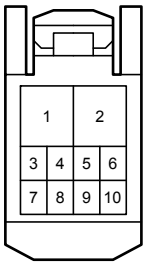
E 2
White



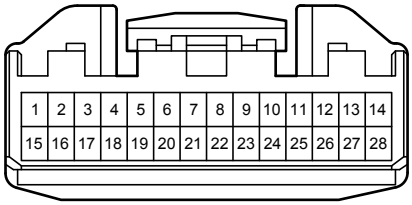
E 3
White



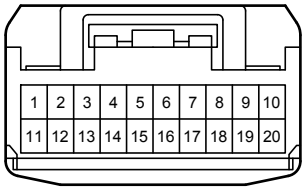
E 4
White



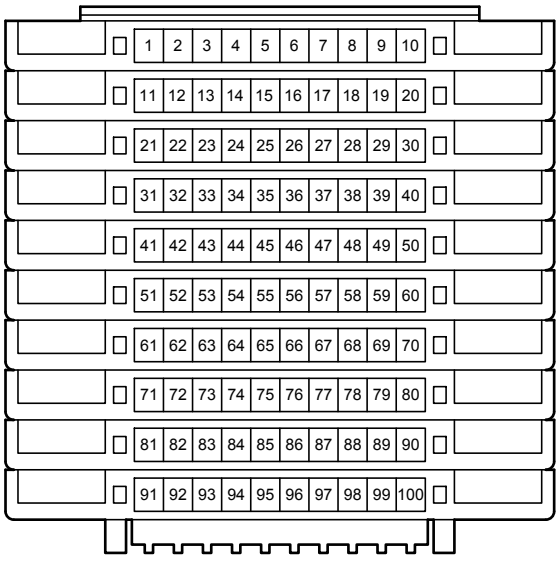
E 7
White



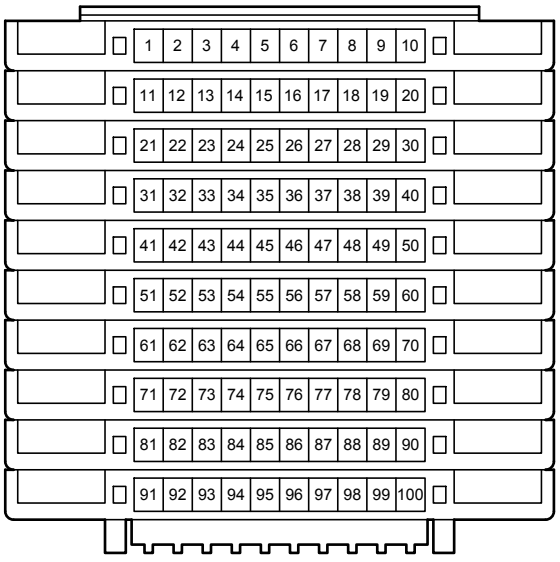
E 14
White



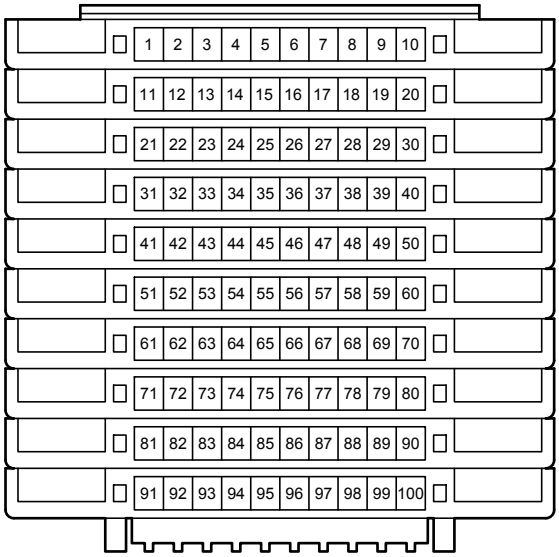
E 59



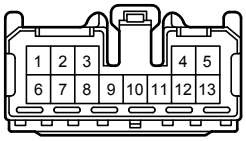
E 60



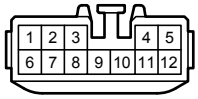
E 61



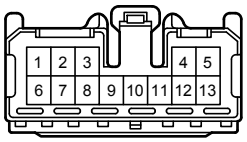
E 62
White



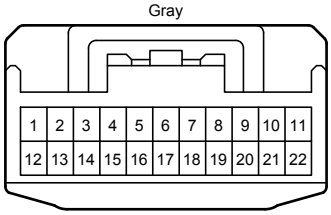
E 63
Gray



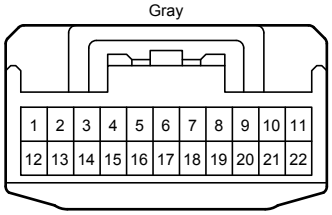
E 67
White



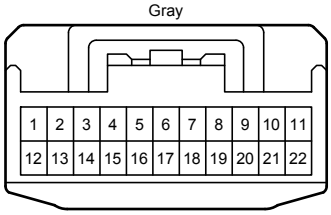
E 69
Gray



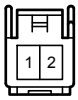
E 72
Gray



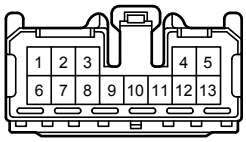
E 75
Gray



E 94
White



E115
White



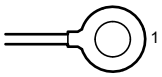
K 2
White



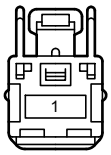
L 1
White



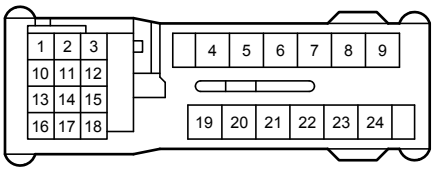
1I



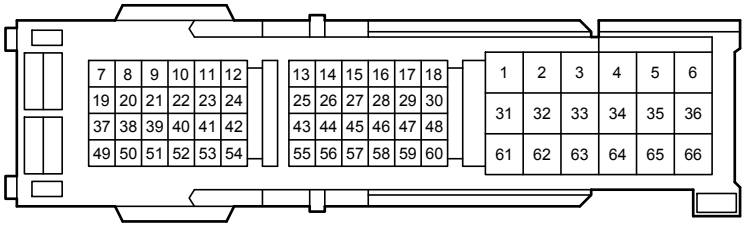
2A
White



2B
White

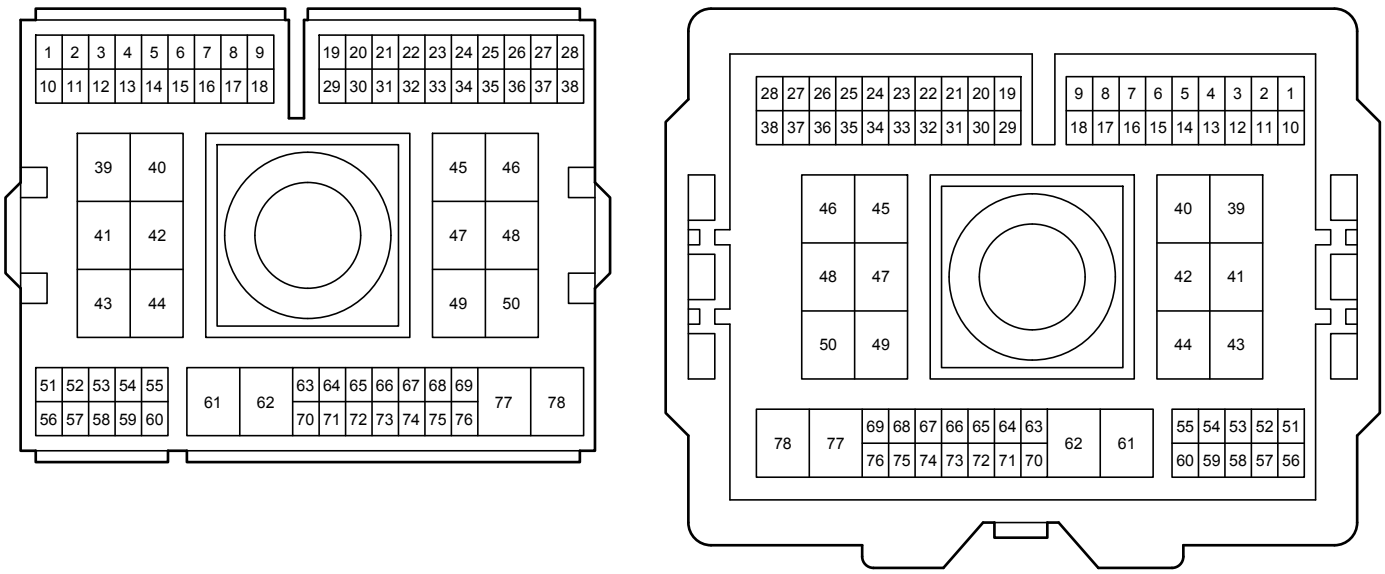


2D
White



EA1

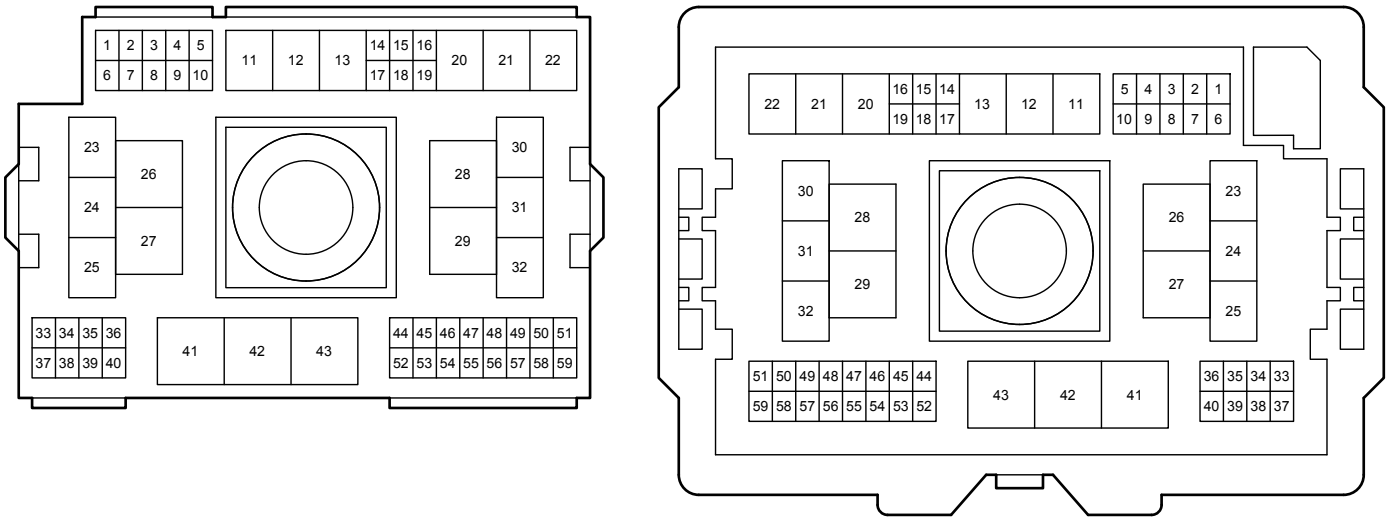
White



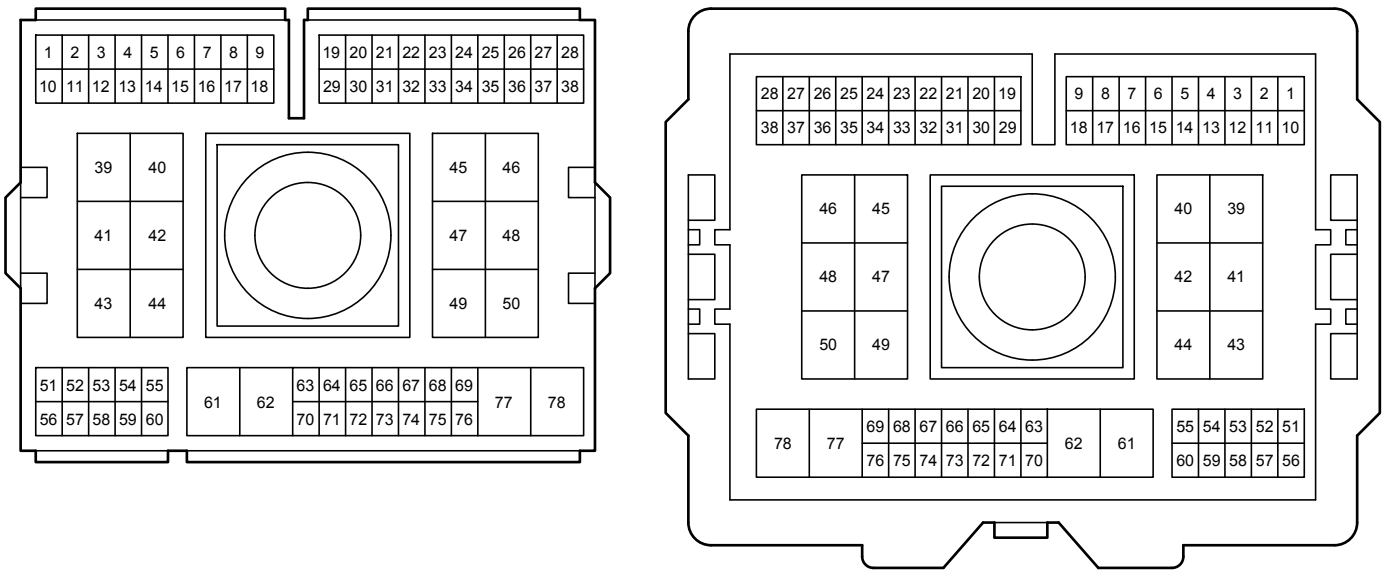
EA2

White

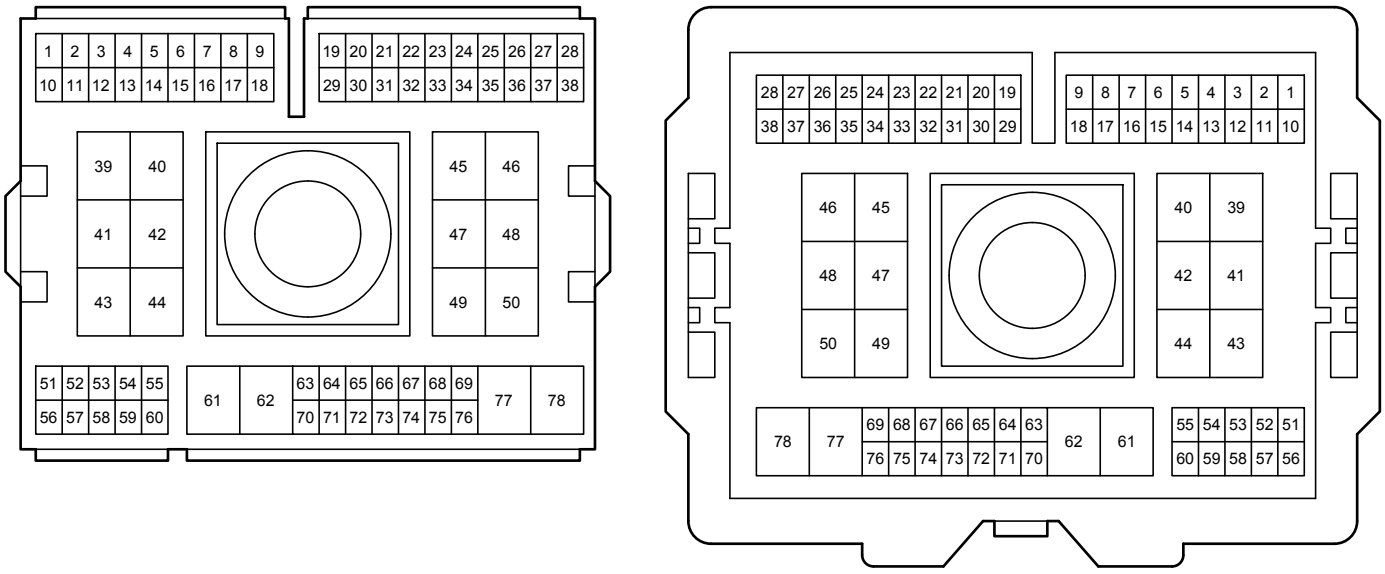
Gray



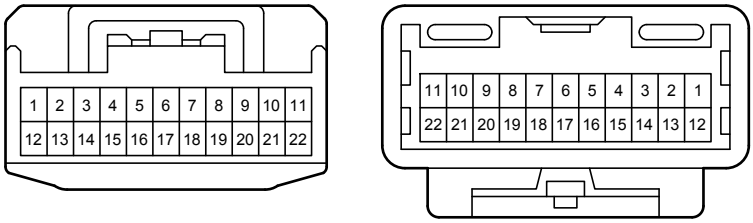
EA3
White

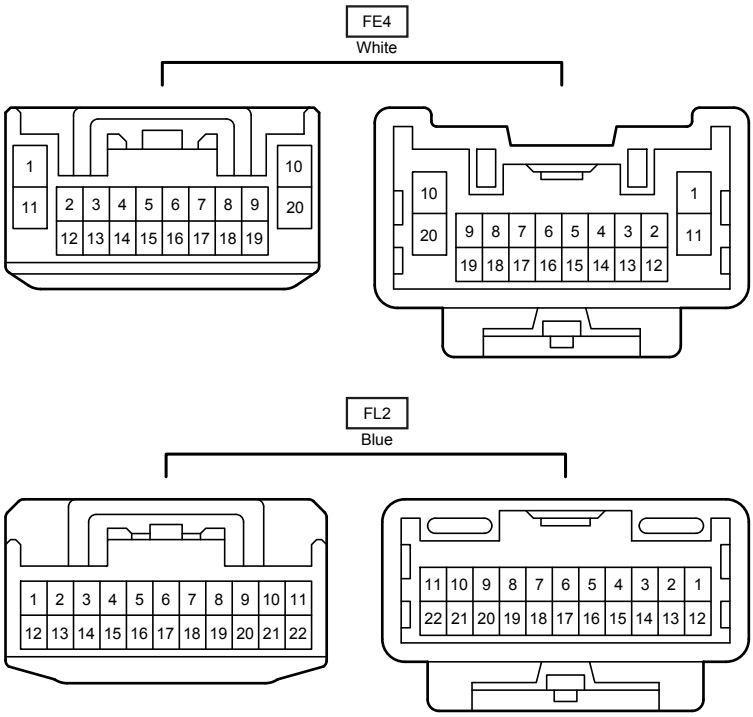


EK2
White

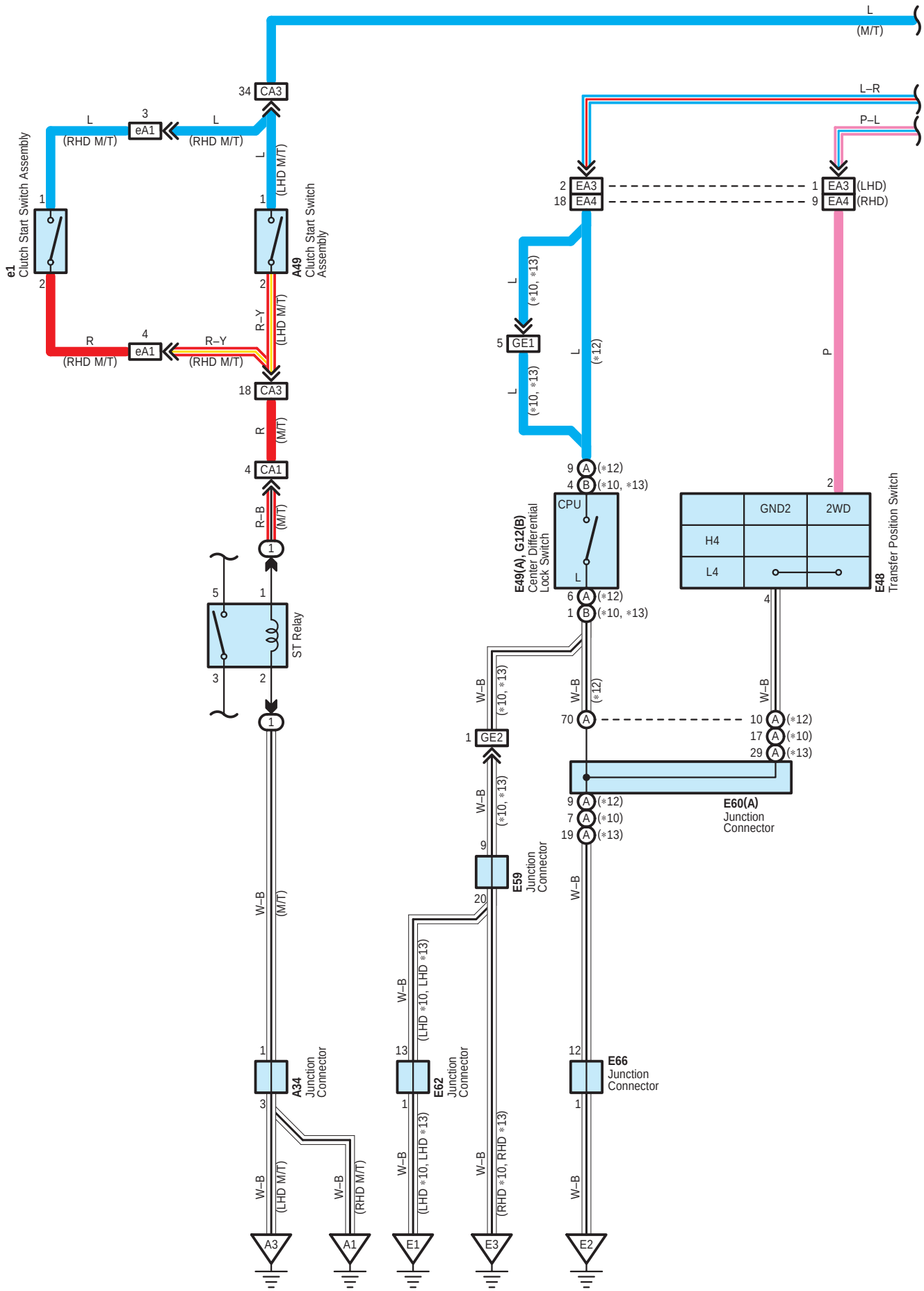


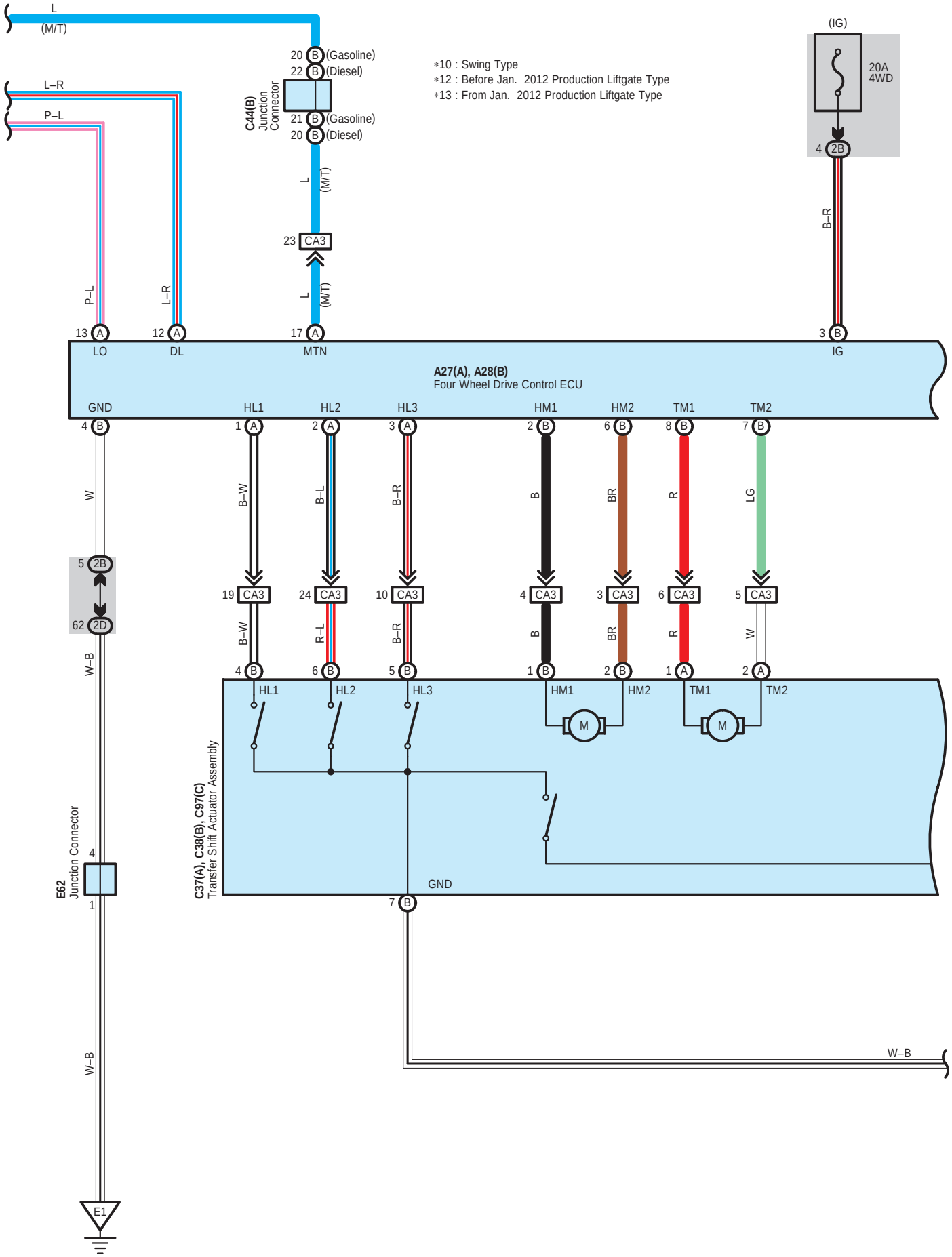
FE3
White



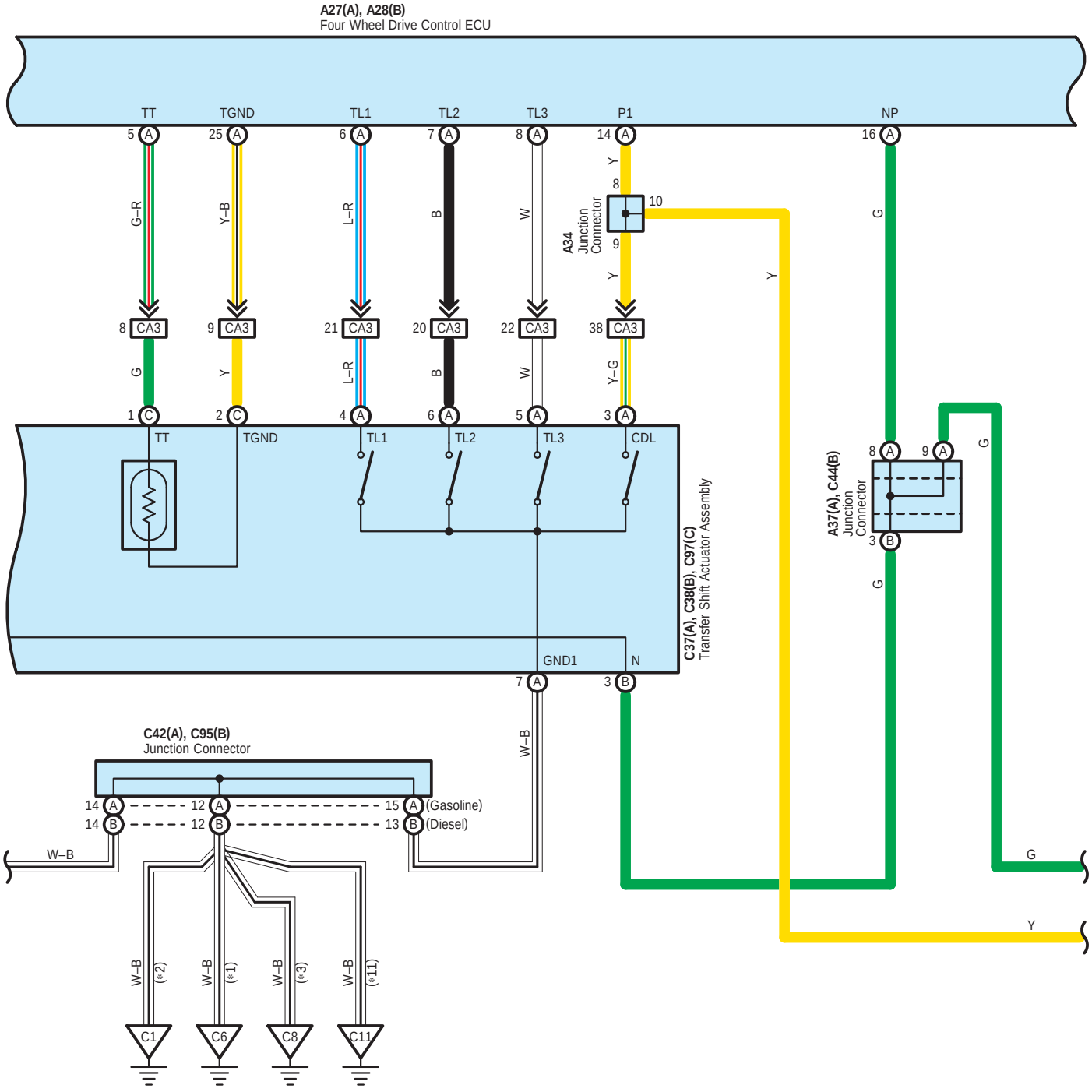

FE4
White
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11

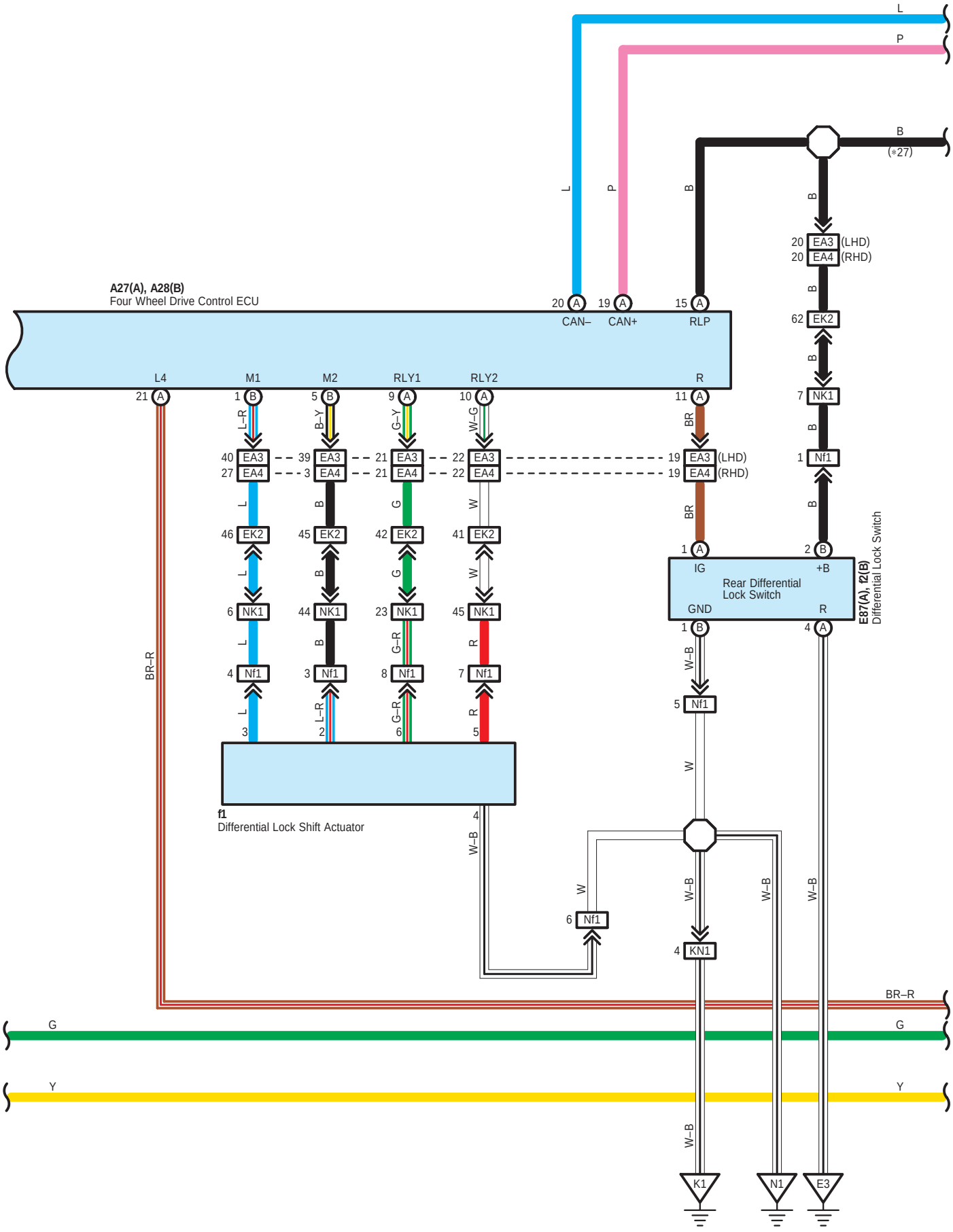
FL2
Blue
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12

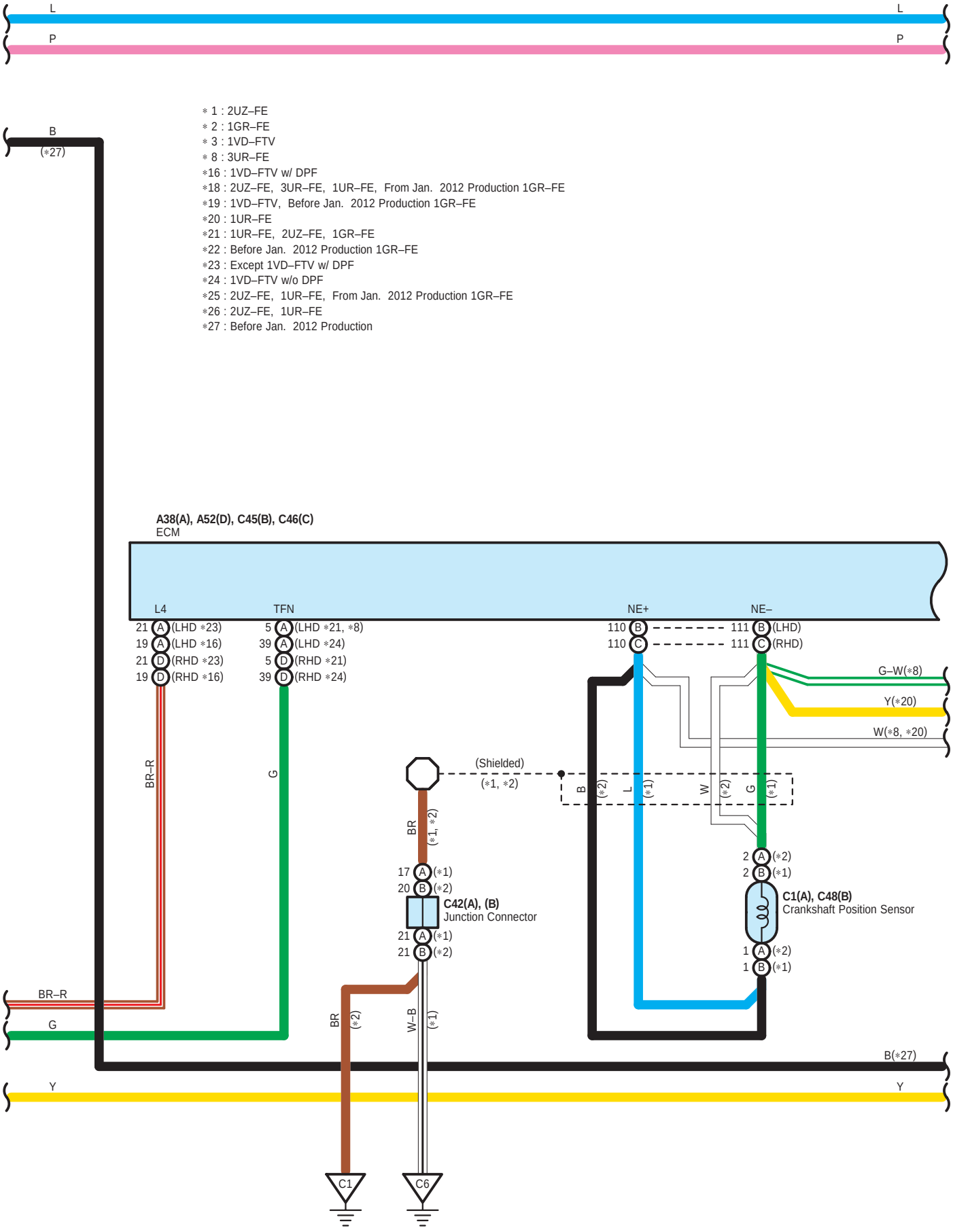

L
(M/T)
34 CA3
L–R
P–L
2 EA3
18 EA4
1 EA3 (LHD)
9 EA4 (RHD)
L
(RHD M/T)
3 eA1
L
(RHD M/T)
L
(LHD M/T)
e1
Clutch Start Switch Assembly
1
2
A49
Clutch Start Switch Assembly
R–Y
(LHD M/T)
R
(RHD M/T)
4 eA1
R–Y
(RHD M/T)
18 CA3
R
(M/T)
4 CA1
R–B
(M/T)
5 GE1
L
(*10, *13)
L
(*12)
P
9 A (*12)
4 B (*10, *13)
CPU
L
E49(A), G12(B)
Center Differential Lock Switch
6 A (*12)
1 B (*10, *13)
GND2
2WD
H4
L4
E48
Transfer Position Switch
5
1
3
2
ST Relay
W–B
(*10, *13)
W–B
(*12)
W–B
1 GE2
70 A
10 A (*12)
17 A (*10)
29 A (*13)
W–B
(*10, *13)
9 A (*12)
7 A (*10)
19 A (*13)
E60(A)
Junction Connector
9
20
E59
Junction Connector
W–B
(M/T)
W–B
1
1
A34
Junction Connector
3
W–B
(LHD M/T)
W–B
(RHD M/T)
13
1
E62
Junction Connector
W–B
(LHD *10, LHD *13)
W–B
(LHD *10, LHD *13)
W–B
(RHD *10, RHD *13)
12
1
E66
Junction Connector
W–B
A3
A1
E1
E3
E2

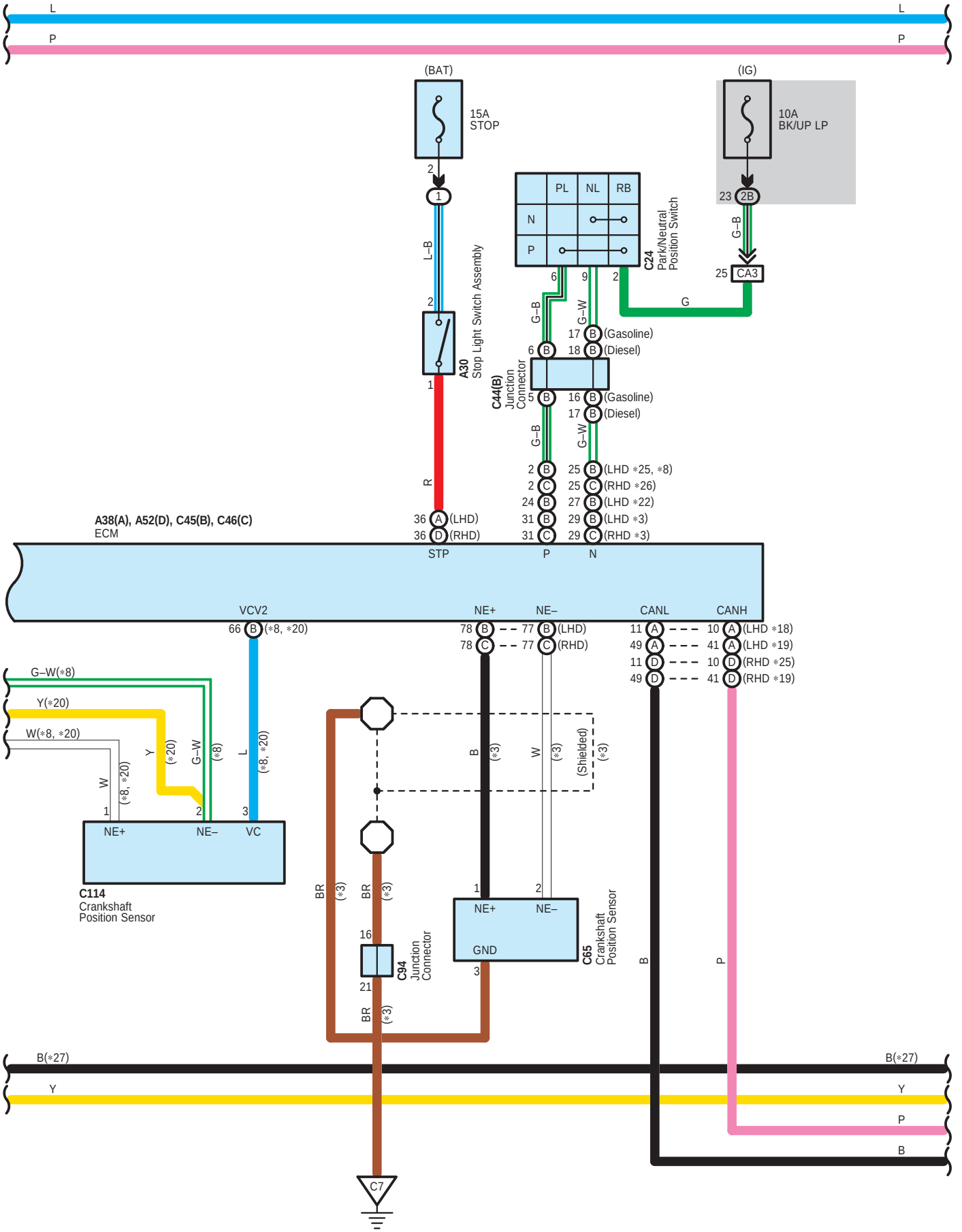

L
(M/T)
L–R
P–L
20 B (Gasoline)
22 B (Diesel)
C44(B) Junction Connector
21 B (Gasoline)
20 B (Diesel)
L (M/T)
23 CA3
L (M/T)
P–L
L–R
13 A
12 A
17 A
LO
DL
MTN
∗10 : Swing Type
∗12 : Before Jan. 2012 Production Liftgate Type
∗13 : From Jan. 2012 Production Liftgate Type
(IG)
20A 4WD
4 2B
B–R
3 B
IG
A27(A), A28(B)
Four Wheel Drive Control ECU
GND
HL1
HL2
HL3
HM1
HM2
TM1
TM2
4 B
1 A
2 A
3 A
2 B
6 B
8 B
7 B
W
B–W
B–L
B–R
B
BR
R
LG
5 2B
62 2D
19 CA3
24 CA3
10 CA3
4 CA3
3 CA3
6 CA3
5 CA3
B–W
R–L
B–R
B
BR
R
W
4 B
6 B
5 B
1 B
2 B
1 A
2 A
W–B
HL1
HL2
HL3
HM1
HM2
TM1
TM2
M
M
C37(A), C38(B), C97(C) Transfer Shift Actuator Assembly
GND
7 B
E62 Junction Connector
4
1
W–B
W–B
E1

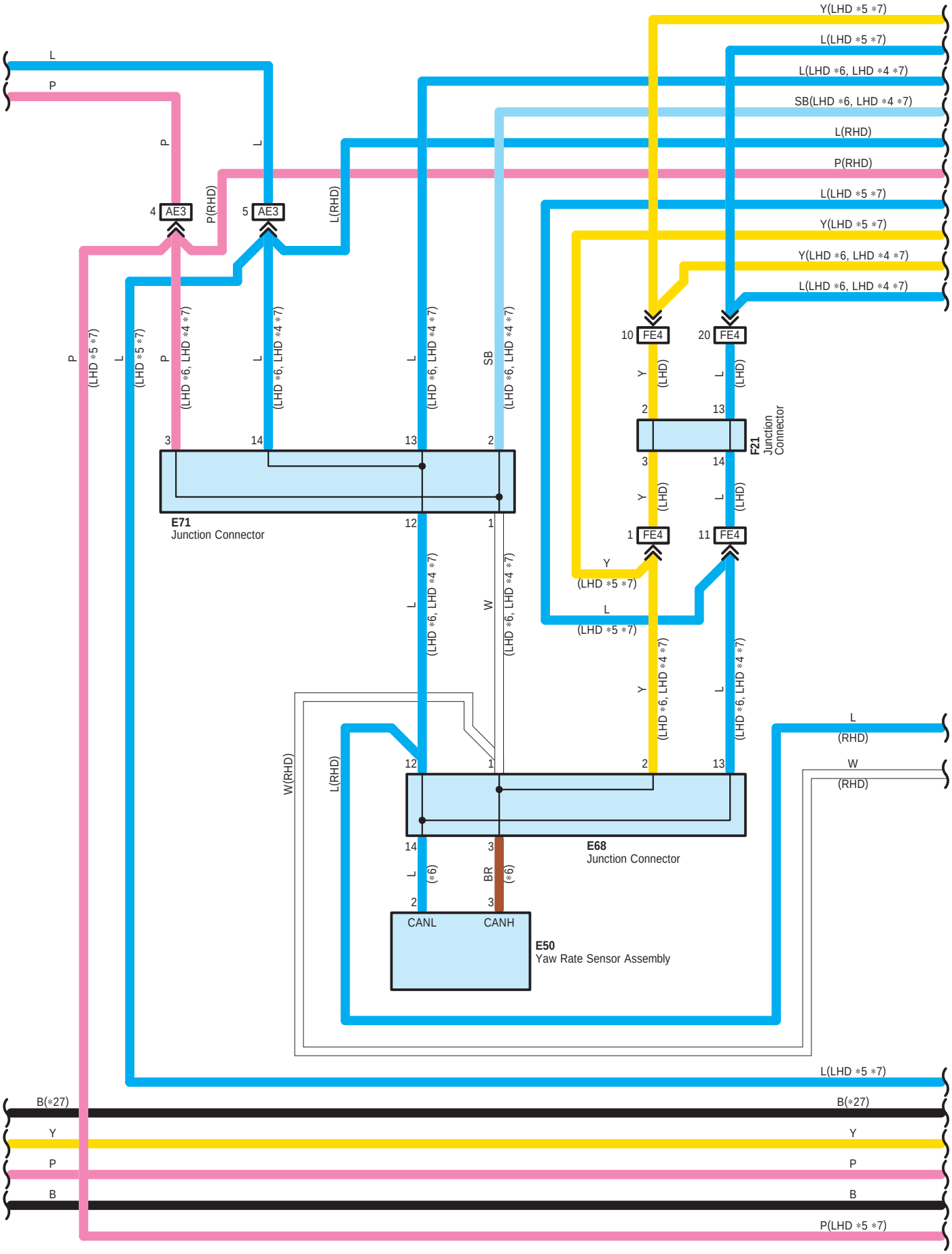
∗ 1 : 2UZ–FE
∗ 2 : 1GR–FE
∗ 3 : 1VD–FTV
∗11 : 3UR–FE, 1UR–FE
∗27 : Before Jan. 2012 Production

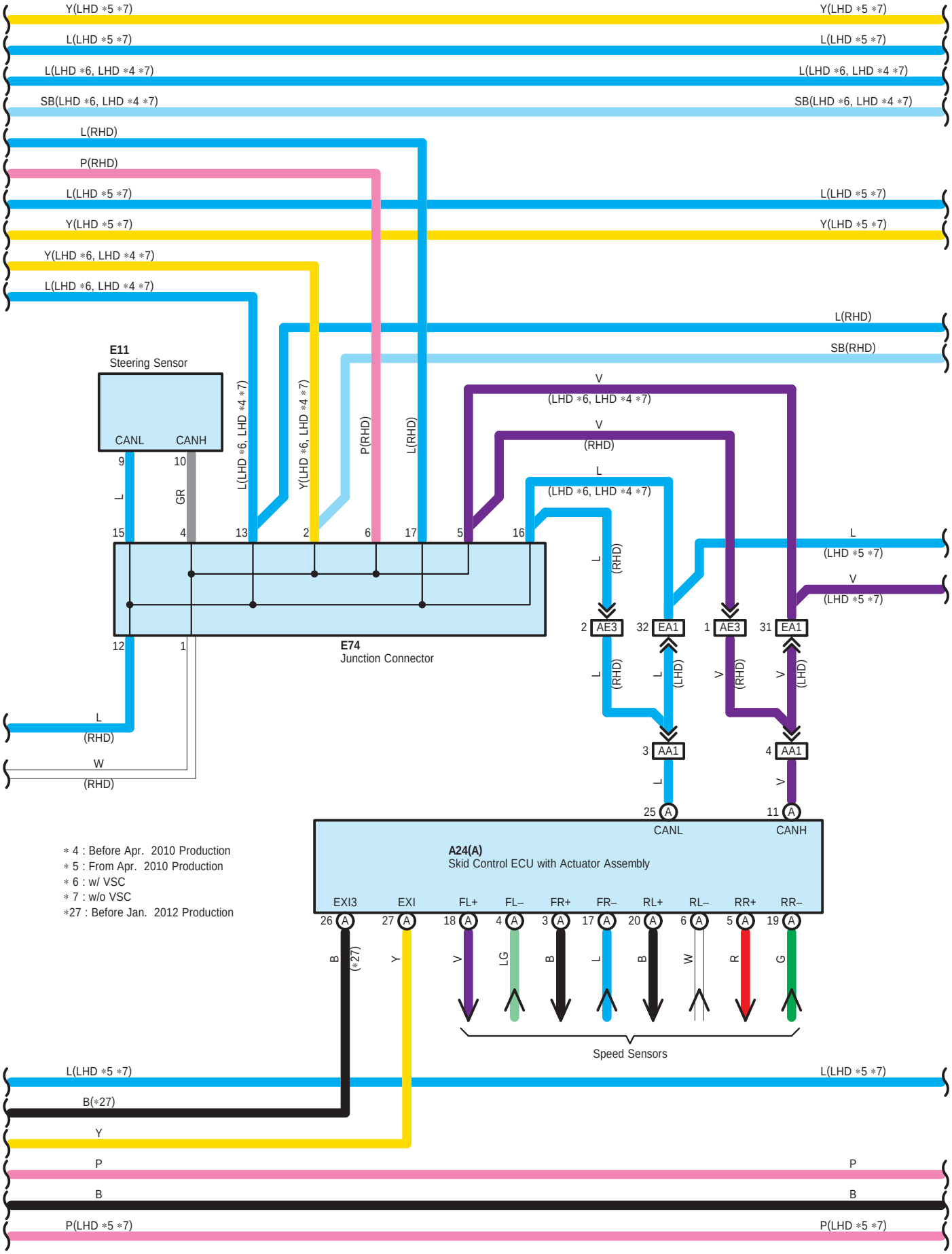


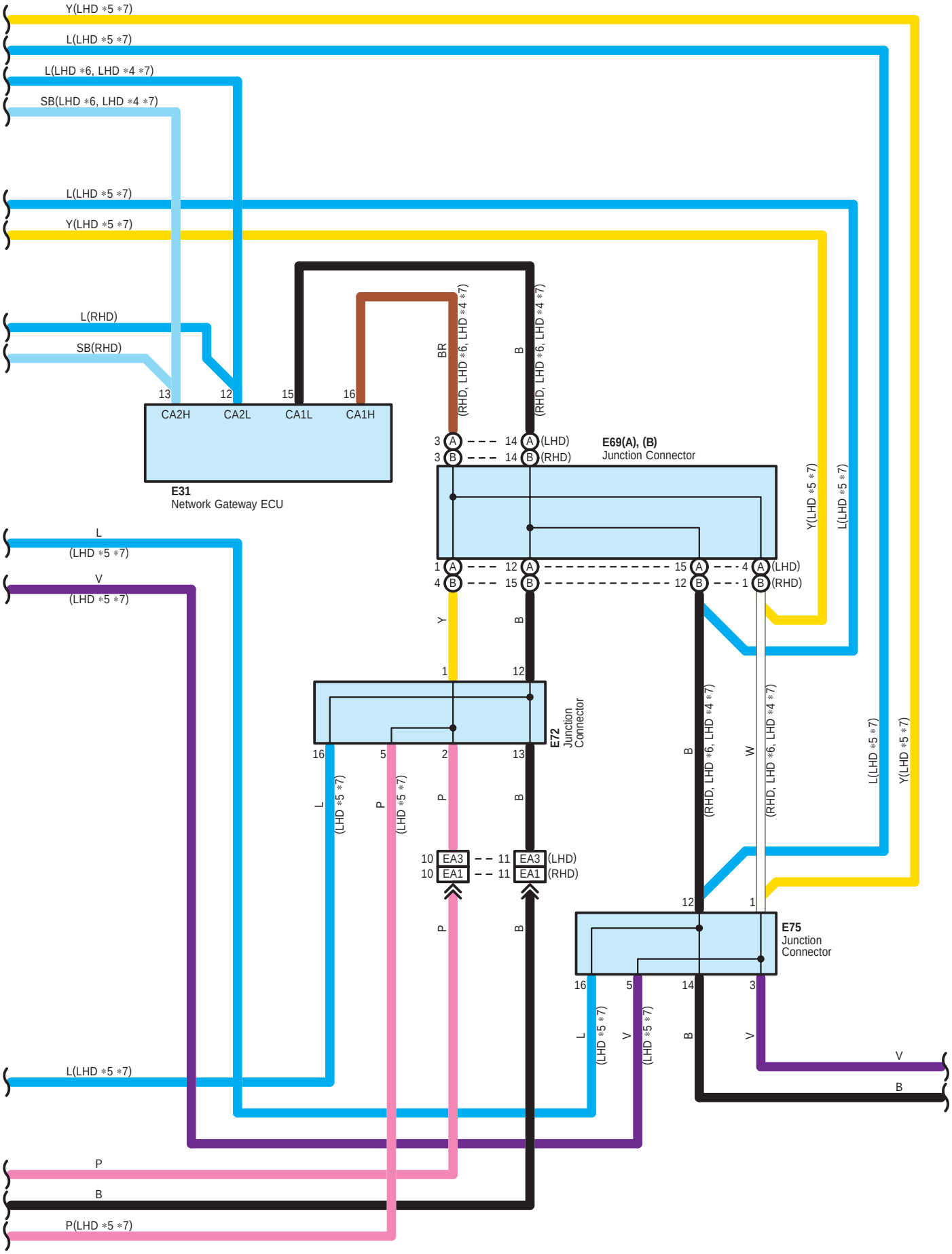

A27(A), A28(B)
Four Wheel Drive Control ECU
L4
M1
M2
RLY1
RLY2
R
CAN–
CAN+
RLP
f1
Differential Lock Shift Actuator
E87(A), f2(B)
Differential Lock Switch
Rear Differential
Lock Switch
IG
+B
GND
R
(LHD)
(RHD)
(*27)
BR–R
G
Y
W–B
K1
N1
E3

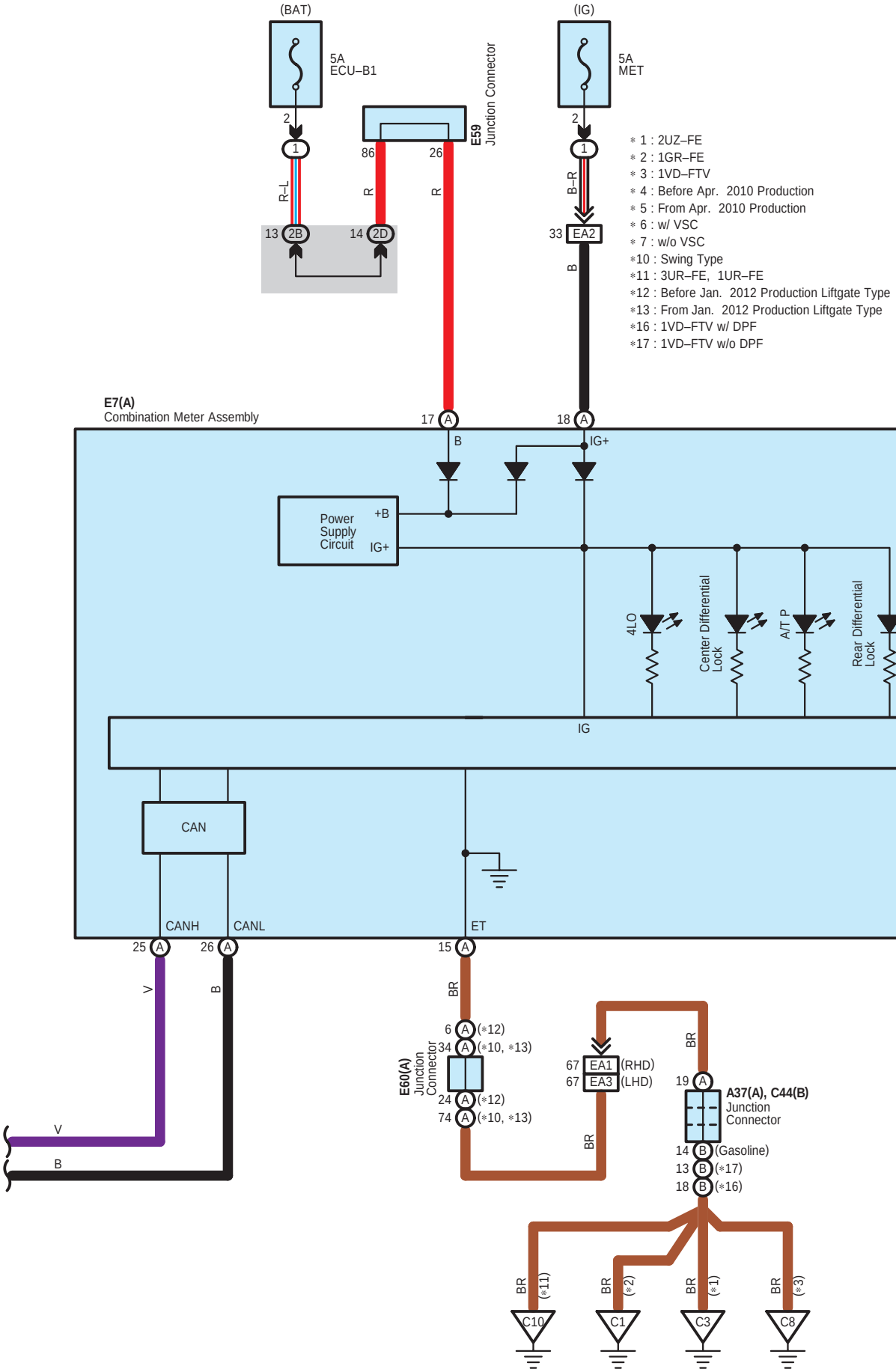

L
P
L
P
B
(∗27)
∗ 1 : 2UZ–FE
∗ 2 : 1GR–FE
∗ 3 : 1VD–FTV
∗ 8 : 3UR–FE
∗16 : 1VD–FTV w/ DPF
∗18 : 2UZ–FE, 3UR–FE, 1UR–FE, From Jan. 2012 Production 1GR–FE
∗19 : 1VD–FTV, Before Jan. 2012 Production 1GR–FE
∗20 : 1UR–FE
∗21 : 1UR–FE, 2UZ–FE, 1GR–FE
∗22 : Before Jan. 2012 Production 1GR–FE
∗23 : Except 1VD–FTV w/ DPF
∗24 : 1VD–FTV w/o DPF
∗25 : 2UZ–FE, 1UR–FE, From Jan. 2012 Production 1GR–FE
∗26 : 2UZ–FE, 1UR–FE
∗27 : Before Jan. 2012 Production
A38(A), A52(D), C45(B), C46(C)
ECM
L4
TFN
NE+
NE–
21 A (LHD ∗23)
19 A (LHD ∗16)
21 D (RHD ∗23)
19 D (RHD ∗16)
5 A (LHD ∗21, ∗8)
39 A (LHD ∗24)
5 D (RHD ∗21)
39 D (RHD ∗24)
110 B
110 C
111 B (LHD)
111 C (RHD)
G–W(∗8)
Y(∗20)
W(∗8, ∗20)
BR–R
G
(Shielded)
(∗1, ∗2)
B (∗2)
L (∗1)
W (∗2)
G (∗1)
BR (∗1, ∗2)
17 A (∗1)
20 B (∗2)
C42(A), (B)
Junction Connector
21 A (∗1)
21 B (∗2)
2 A (∗2)
2 B (∗1)
C1(A), C48(B)
Crankshaft Position Sensor
1 A (∗2)
1 B (∗1)
BR–R
G
BR (∗2)
W–B (∗1)
B(∗27)
Y
Y
C1
C6


L
P
(BAT)
15A
STOP
(IG)
10A
BK/UP LP
PL
NL
RB
N
P
C24
Park/Neutral
Position Switch
L–B
A30
Stop Light Switch Assembly
G–B
G–W
G
C44(B)
Junction
Connector
(Gasoline)
(Diesel)
(LHD ∗25, ∗8)
(RHD ∗26)
(LHD ∗22)
(LHD ∗3)
(RHD ∗3)
R
(LHD)
(RHD)
STP
P
N
A38(A), A52(D), C45(B), C46(C)
ECM
VCV2
NE+
NE–
CANL
CANH
(∗8, ∗20)
(LHD)
(RHD)
(LHD ∗18)
(LHD ∗19)
(RHD ∗25)
(RHD ∗19)
G–W(∗8)
Y(∗20)
W(∗8, ∗20)
L
(∗8)
(∗20)
VC
C114
Crankshaft
Position Sensor
BR
(∗3)
B
W
(Shielded)
C94
Junction
Connector
GND
C65
Crankshaft
Position Sensor
B(∗27)
Y
P
B
C7

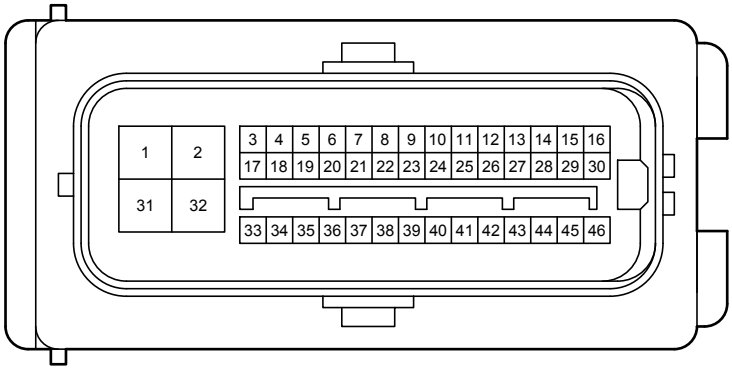

Y(LHD ∗5 ∗7)
L(LHD ∗5 ∗7)
L(LHD ∗6, LHD ∗4 ∗7)
SB(LHD ∗6, LHD ∗4 ∗7)
L(RHD)
P(RHD)
L(LHD ∗5 ∗7)
Y(LHD ∗5 ∗7)
Y(LHD ∗6, LHD ∗4 ∗7)
L(LHD ∗6, LHD ∗4 ∗7)
L
P
4 AE3
5 AE3
P(RHD)
L(RHD)
P (LHD ∗5 ∗7)
L (LHD ∗5 ∗7)
P (LHD ∗6, LHD ∗4 ∗7)
L (LHD ∗6, LHD ∗4 ∗7)
L (LHD ∗6, LHD ∗4 ∗7)
SB (LHD ∗6, LHD ∗4 ∗7)
10 FE4
20 FE4
Y (LHD)
L (LHD)
2
13
F21
Junction Connector
3
14
Y (LHD)
L (LHD)
1 FE4
11 FE4
3
14
13
2
E71
Junction Connector
12
1
Y (LHD ∗5 ∗7)
L (LHD ∗5 ∗7)
L (LHD ∗6, LHD ∗4 ∗7)
W (LHD ∗6, LHD ∗4 ∗7)
Y (LHD ∗6, LHD ∗4 ∗7)
L (LHD ∗6, LHD ∗4 ∗7)
L (RHD)
W (RHD)
W(RHD)
L(RHD)
12
1
2
13
14
3
E68
Junction Connector
L (∗6)
BR (∗6)
2
3
CANL
CANH
E50
Yaw Rate Sensor Assembly
L(LHD ∗5 ∗7)
B(∗27)
Y
P
B
P(LHD ∗5 ∗7)
B(∗27)
Y
P
B


Y(LHD ∗5 ∗7)
L(LHD ∗5 ∗7)
L(LHD ∗6, LHD ∗4 ∗7)
SB(LHD ∗6, LHD ∗4 ∗7)
L(RHD)
P(RHD)
Y(LHD ∗6, LHD ∗4 ∗7)
V (LHD ∗6, LHD ∗4 ∗7)
V (RHD)
L (LHD ∗6, LHD ∗4 ∗7)
SB(RHD)
E11
Steering Sensor
CANL
CANH
E74
Junction Connector
2 AE3
32 EA1
1 AE3
31 EA1
3 AA1
4 AA1
25 A
11 A
A24(A)
Skid Control ECU with Actuator Assembly
EXI3
EXI
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
Speed Sensors
∗ 4 : Before Apr. 2010 Production
∗ 5 : From Apr. 2010 Production
∗ 6 : w/ VSC
∗ 7 : w/o VSC
∗27 : Before Jan. 2012 Production
B(∗27)
Y
P
B
P(LHD ∗5 ∗7)

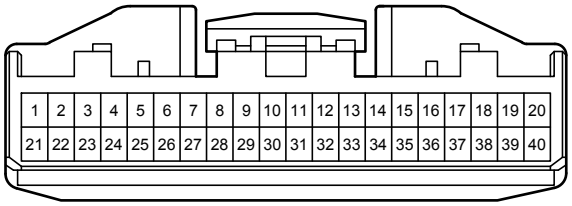

Y(LHD *5 *7)
L(LHD *5 *7)
L(LHD *6, LHD *4 *7)
SB(LHD *6, LHD *4 *7)
L(LHD *5 *7)
Y(LHD *5 *7)
L(RHD)
SB(RHD)
13
12
15
16
CA2H
CA2L
CA1L
CA1H
E31
Network Gateway ECU
BR
(RHD, LHD *6, LHD *4 *7)
B
(RHD, LHD *6, LHD *4 *7)
3 A
3 B
14 A (LHD)
14 B (RHD)
E69(A), (B)
Junction Connector
Y(LHD *5 *7)
L(LHD *5 *7)
1 A
4 B
12 A
15 B
15 A
12 B
4 A (LHD)
1 B (RHD)
L
(LHD *5 *7)
V
(LHD *5 *7)
Y
B
1
12
E72
Junction
Connector
16
5
2
13
L
(LHD *5 *7)
P
(LHD *5 *7)
P
B
10 EA3
10 EA1
11 EA3 (LHD)
11 EA1 (RHD)
B
(RHD, LHD *6, LHD *4 *7)
W
(RHD, LHD *6, LHD *4 *7)
L(LHD *5 *7)
Y(LHD *5 *7)
12
1
E75
Junction
Connector
16
5
14
3
L
(LHD *5 *7)
V
(LHD *5 *7)
B
V
V
B
L(LHD *5 *7)
P
B
P(LHD *5 *7)


(BAT)
5A
ECU–B1
2
1
R–L
13 2B
14 2D
E59 Junction Connector
86
26
R
R
(IG)
5A
MET
2
1
B–R
33 EA2
B
∗ 1 : 2UZ–FE
∗ 2 : 1GR–FE
∗ 3 : 1VD–FTV
∗ 4 : Before Apr. 2010 Production
∗ 5 : From Apr. 2010 Production
∗ 6 : w/ VSC
∗ 7 : w/o VSC
∗10 : Swing Type
∗11 : 3UR–FE, 1UR–FE
∗12 : Before Jan. 2012 Production Liftgate Type
∗13 : From Jan. 2012 Production Liftgate Type
∗16 : 1VD–FTV w/ DPF
∗17 : 1VD–FTV w/o DPF
E7(A)
Combination Meter Assembly
17 A
18 A
B
IG+
Power Supply Circuit
+B
IG+
4LO
Center Differential Lock
A/T P
Rear Differential Lock
IG
CAN
CANH
CANL
ET
25 A
26 A
15 A
V
B
BR
6 A (∗12)
34 A (∗10, ∗13)
E60(A) Junction Connector
24 A (∗12)
74 A (∗10, ∗13)
67 EA1 (RHD)
67 EA3 (LHD)
BR
BR
19 A
A37(A), C44(B) Junction Connector
14 B (Gasoline)
13 B (∗17)
18 B (∗16)
V
B
BR (∗11)
BR (∗2)
BR (∗1)
BR (∗3)
C10
C1
C3
C8

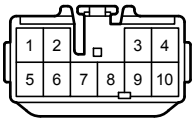
A 24
Black



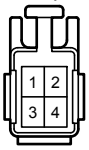
A 27
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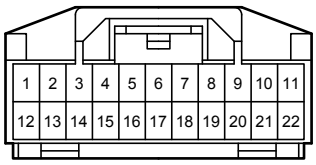
A 28
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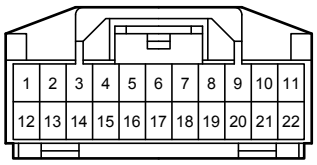
A 30
Gray



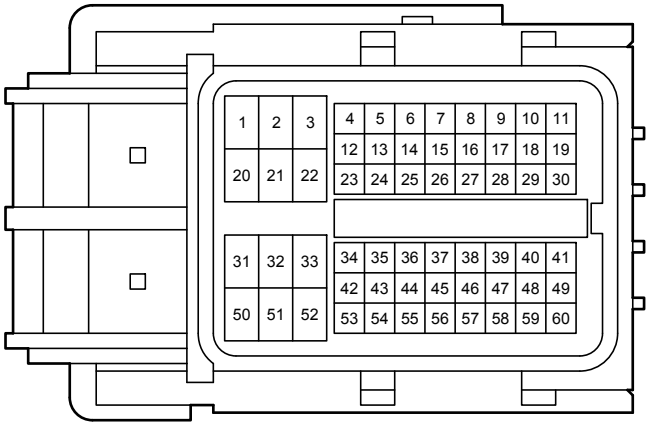
A 34
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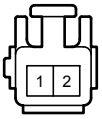
A 37
Blue



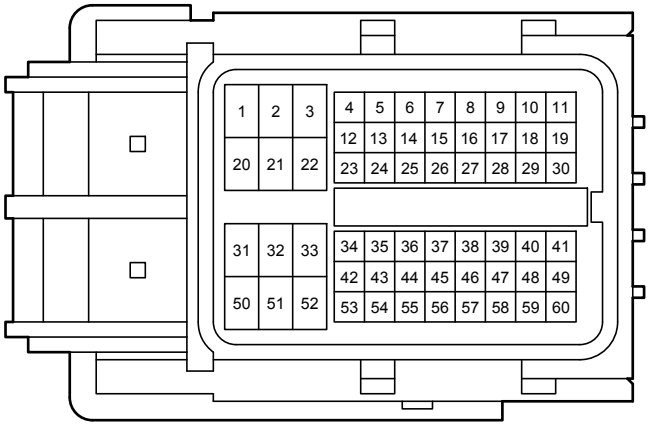
A 38
Black



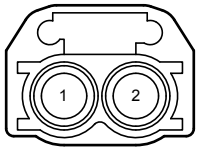
A 49
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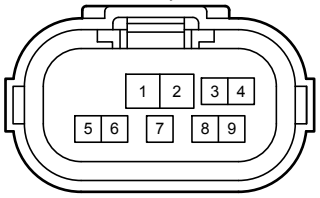
A 52
Black



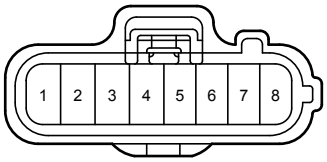
C 1
Black



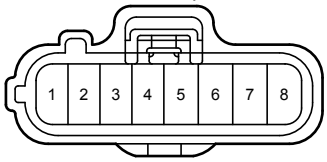
C 24
Gray



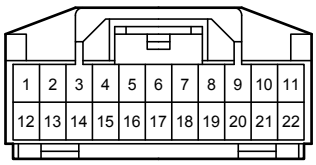
C 37
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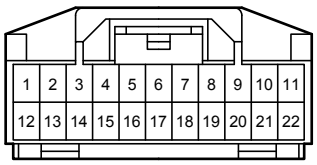
C 38
Dark Gray



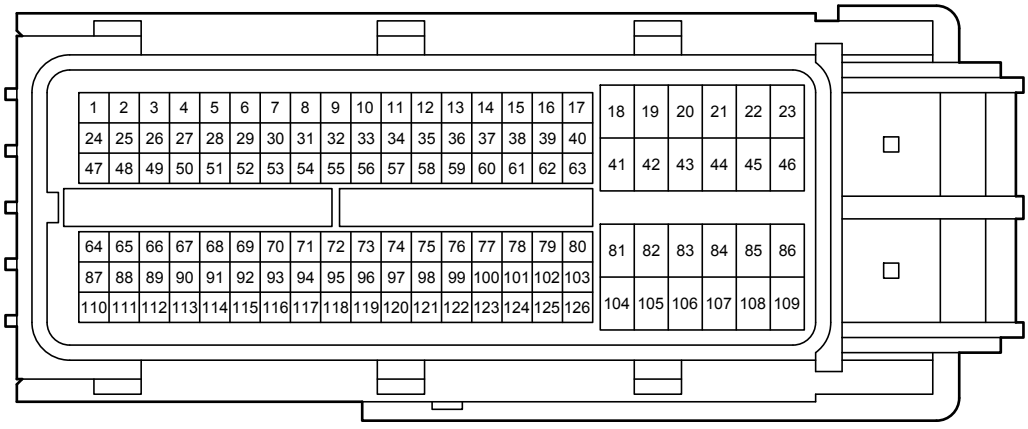
C 42
White



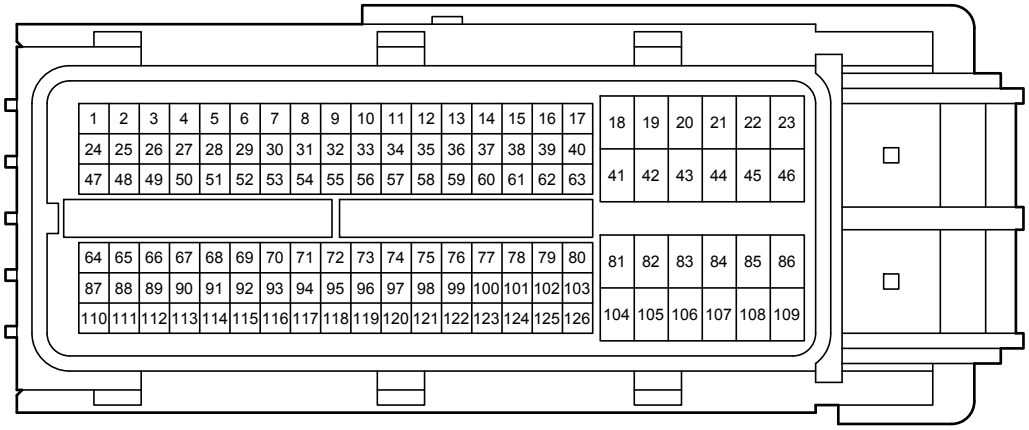
C 44
Blue



C 45
Black



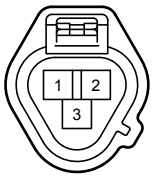
C 46
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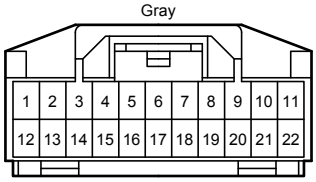
C 48
Dark Gray



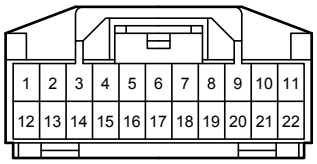
C 65
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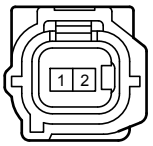
C 94
Gray



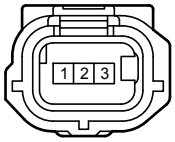
C 95
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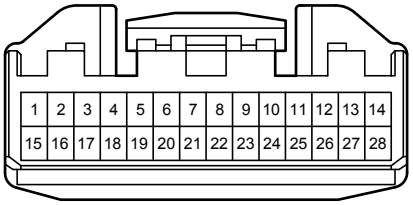
C 97
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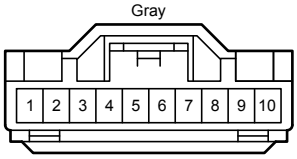
C114
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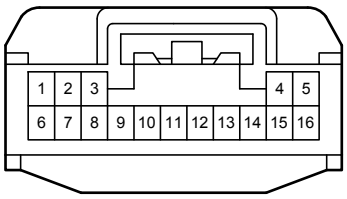
E 7
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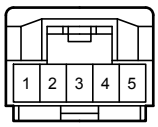
E 11
Gray



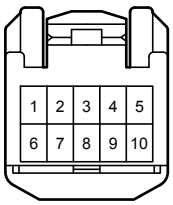
E 31
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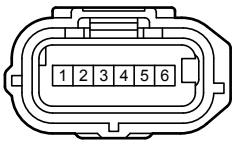
E 48
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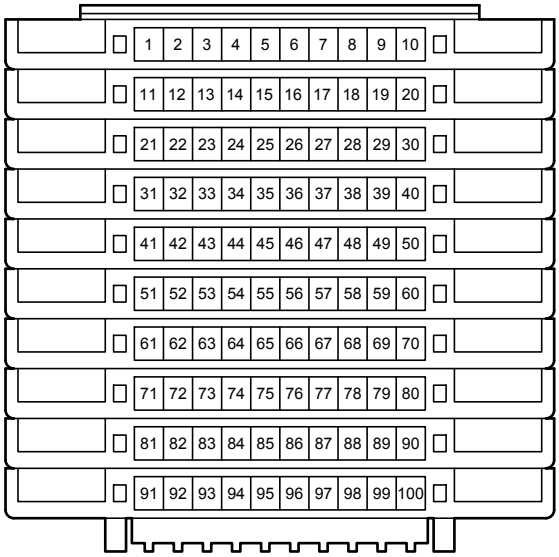
E 49
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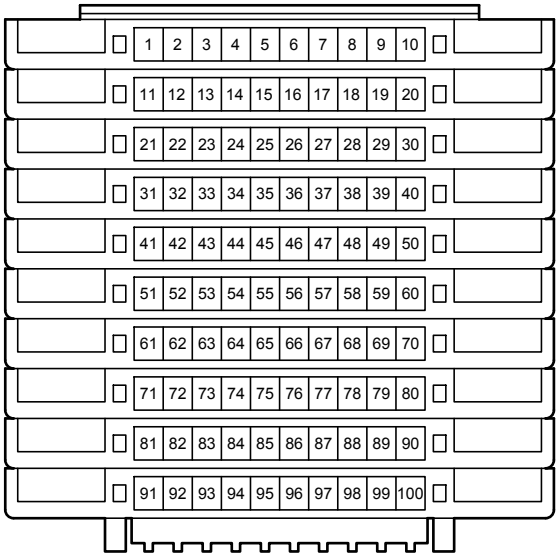
E 50
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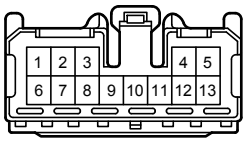
E 59



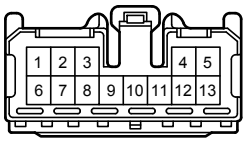
E 60



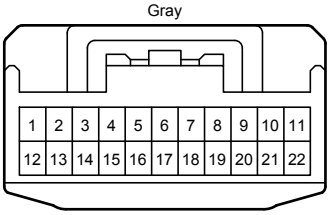
E 62
White



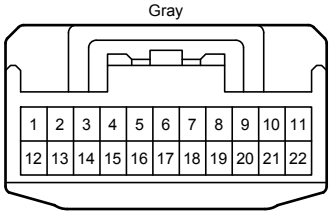
E 66
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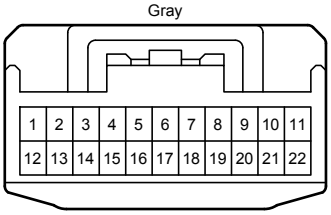
E 68
Gray



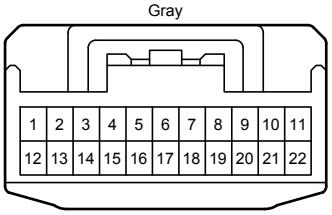
E 69
Gray



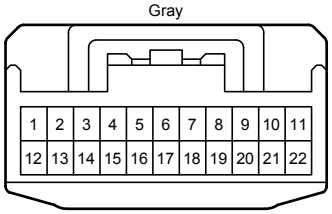
E 71
Gray



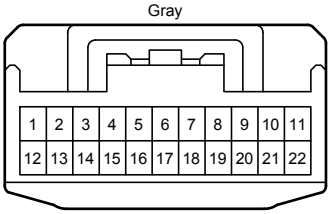
E 72
Gray



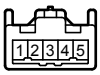
E 74
Gray



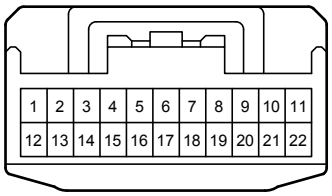
E 75
Gray



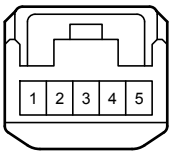
E 87
White



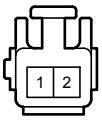
F 21
Black



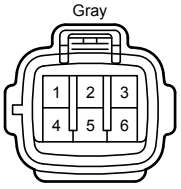
G 12
White



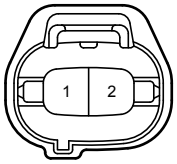
e 1
Black



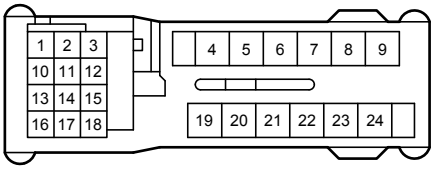
f 1
Gray



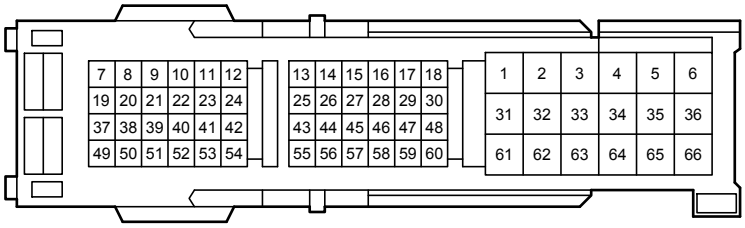
f 2
Blue



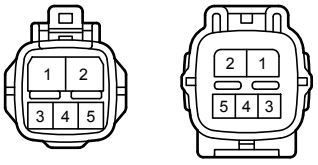
2B
White



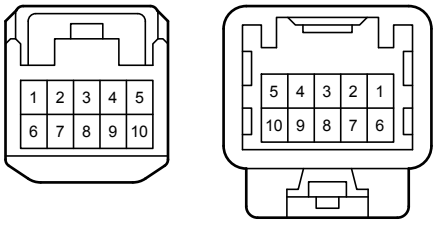
2D
White



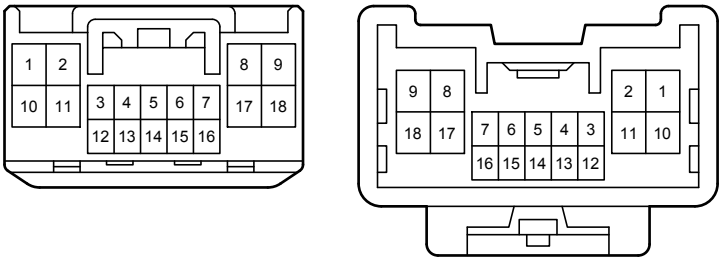
AA1
Gray



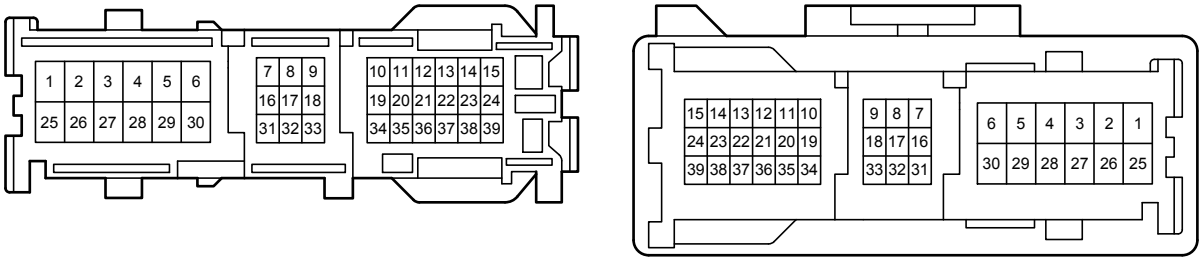
AE3
Gray



CA1
White

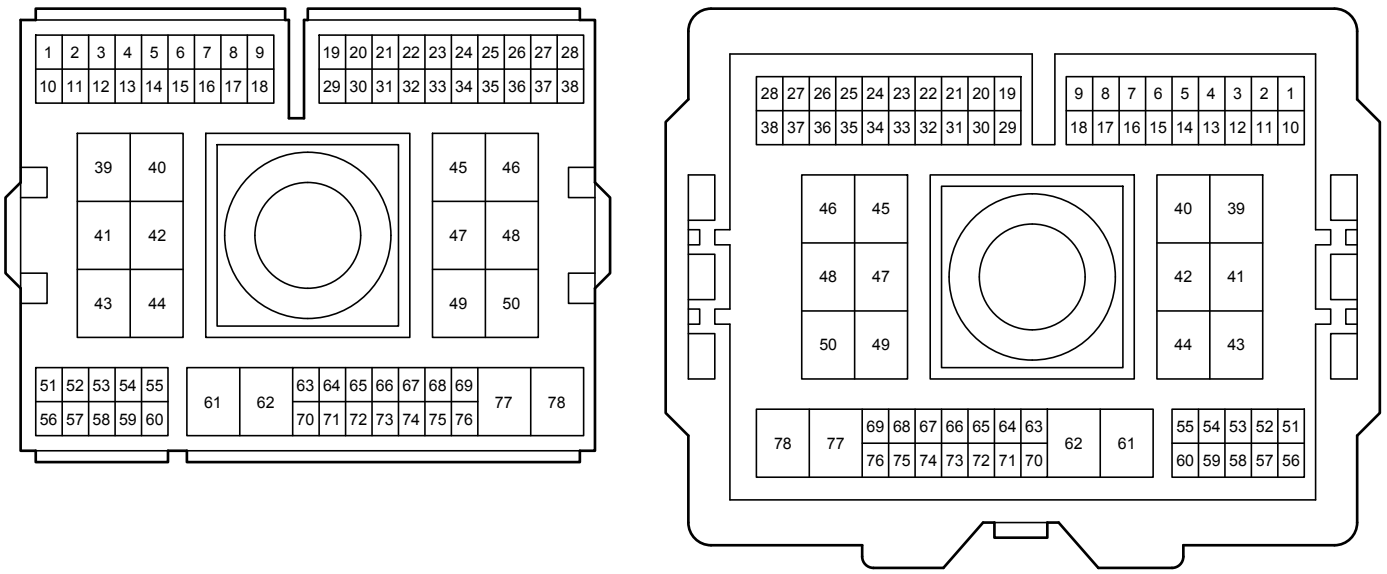


CA3
White



EA1

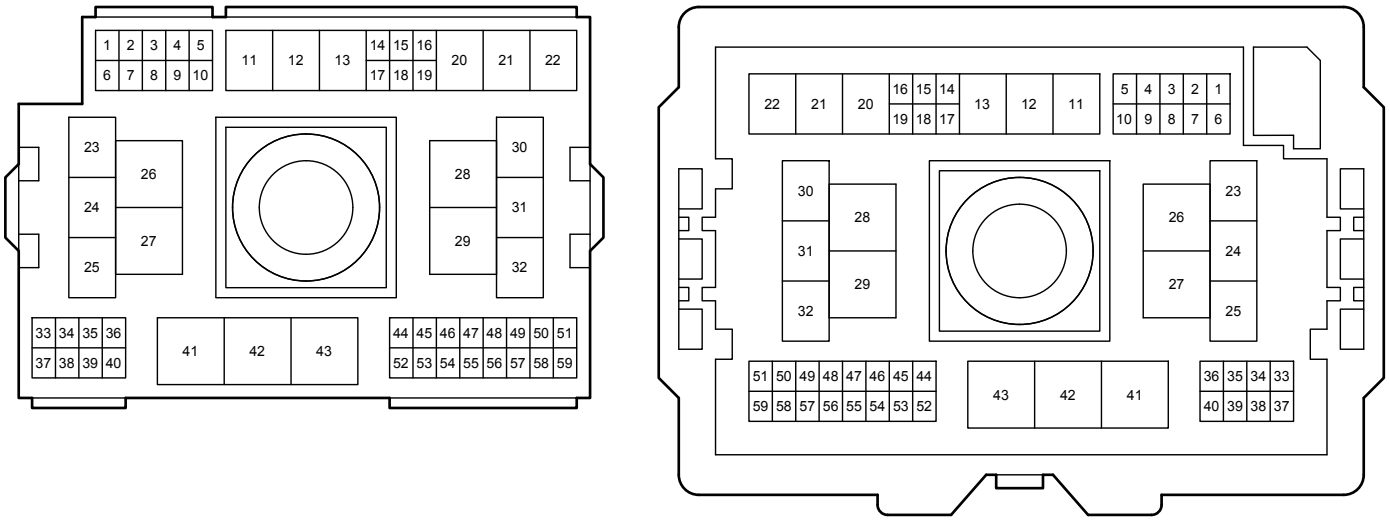
White



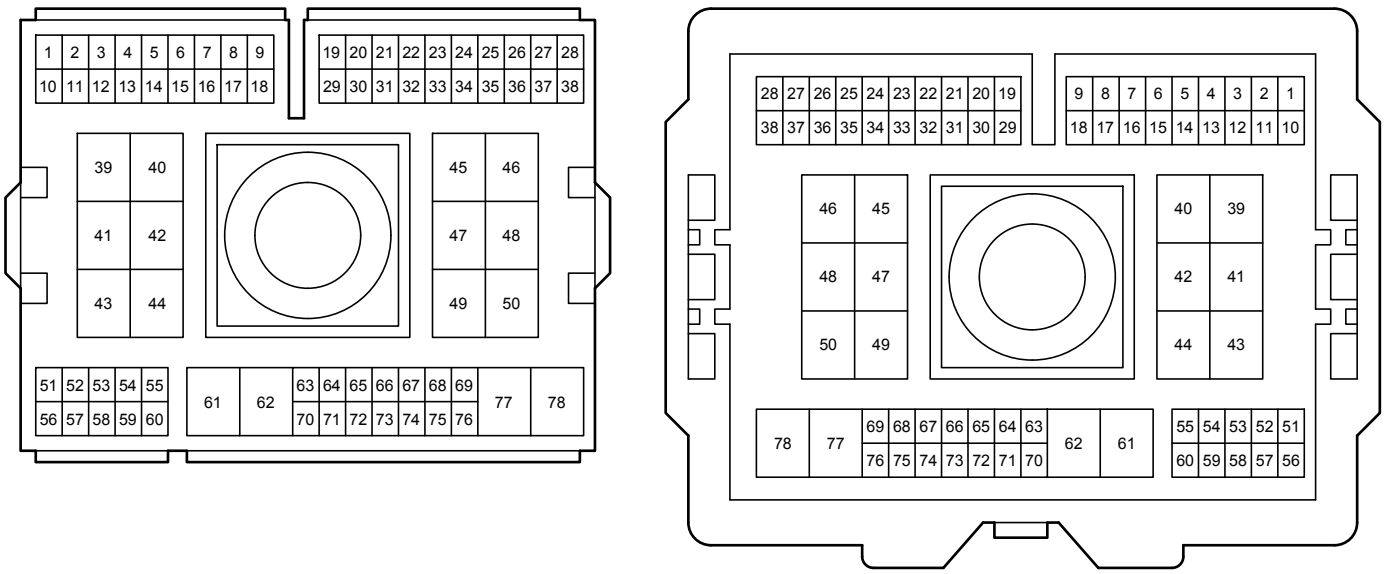
EA2

White

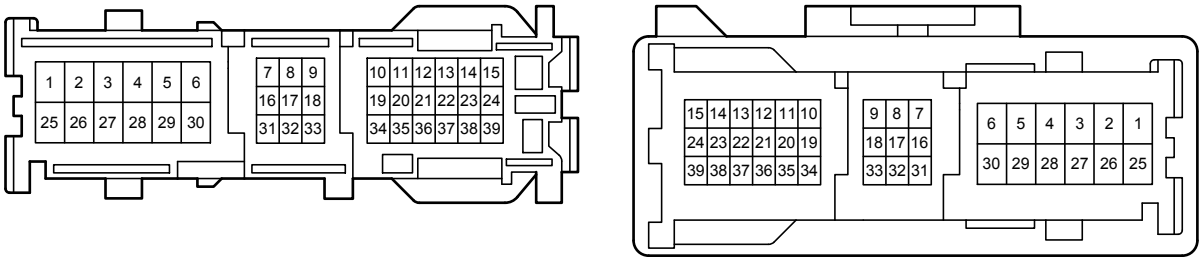
Gray



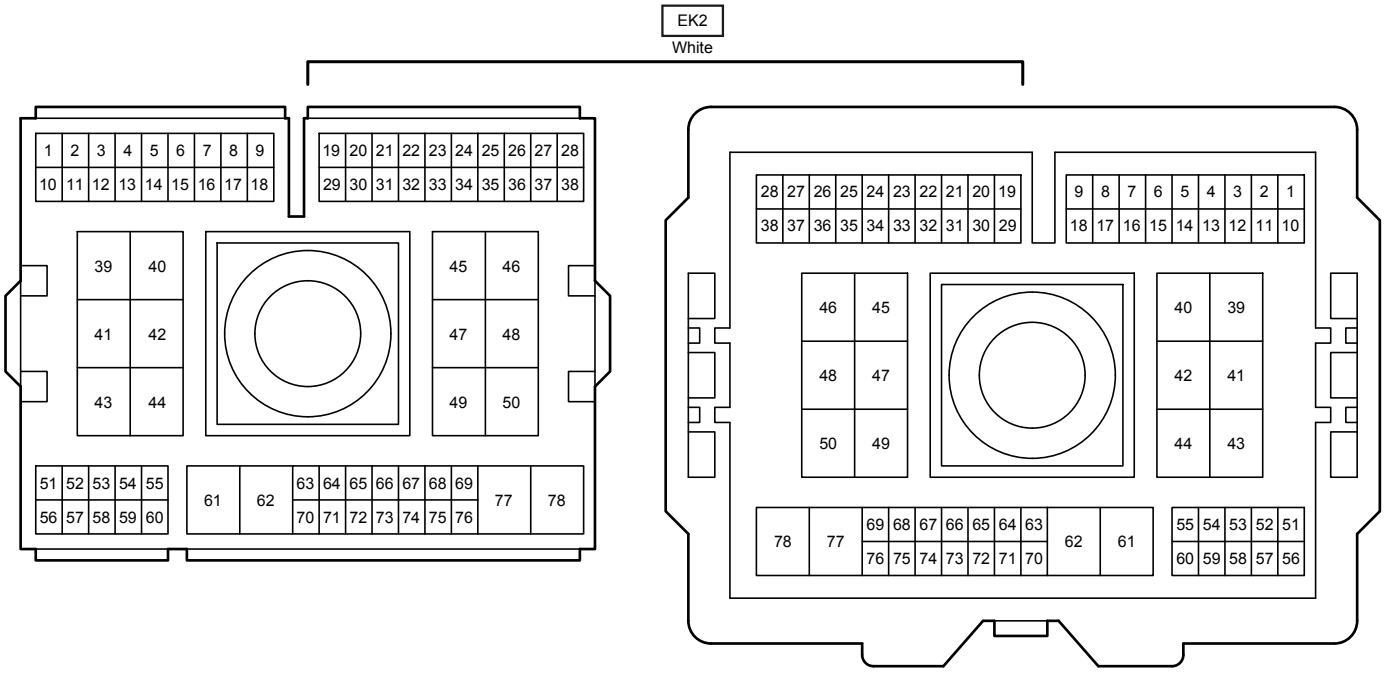
EA3
White



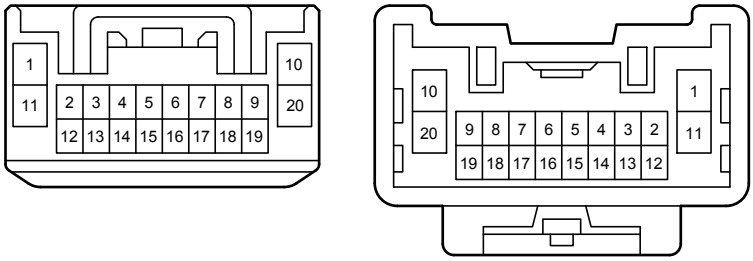
EA4
White



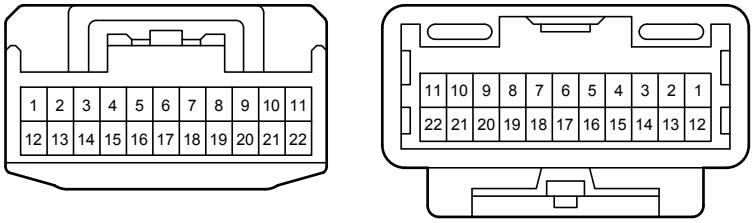
EK2
White



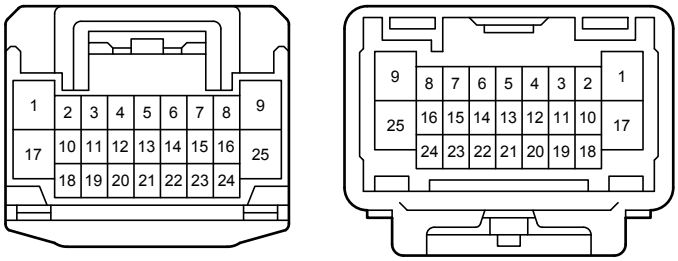
FE4
White



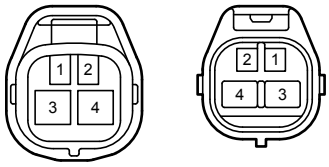
GE1
White



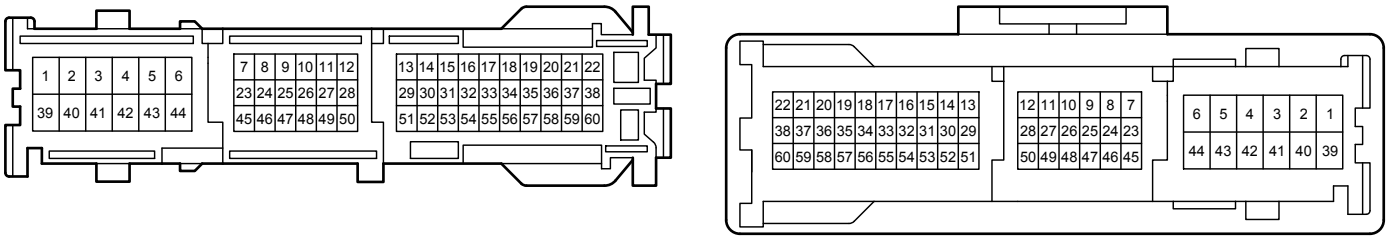
GE2
White



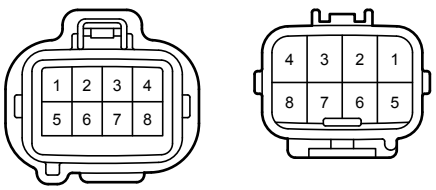
KN1
White



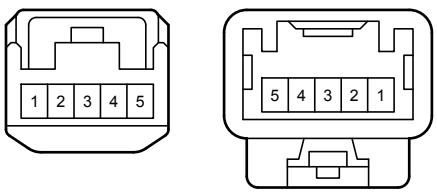
NK1
White

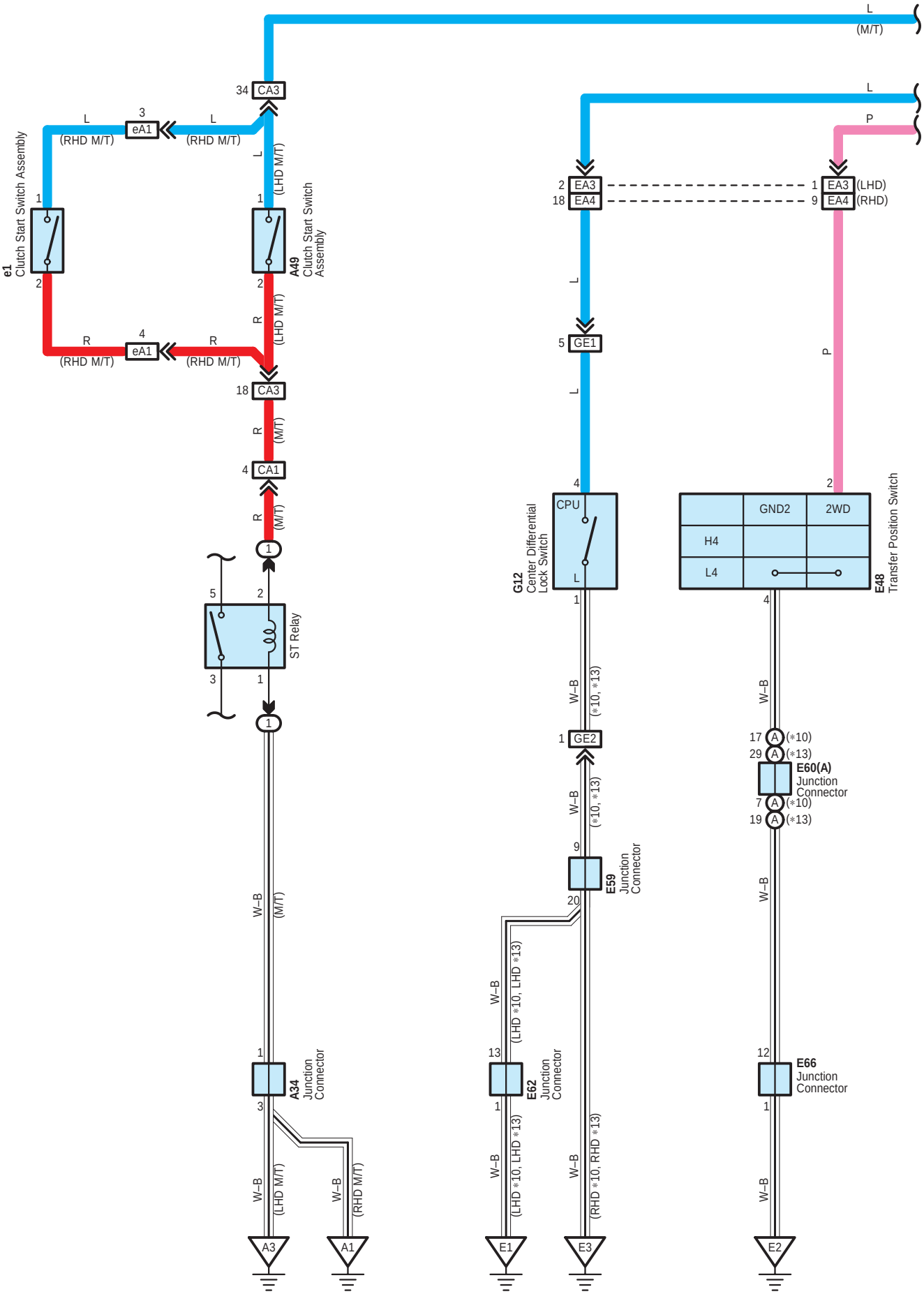


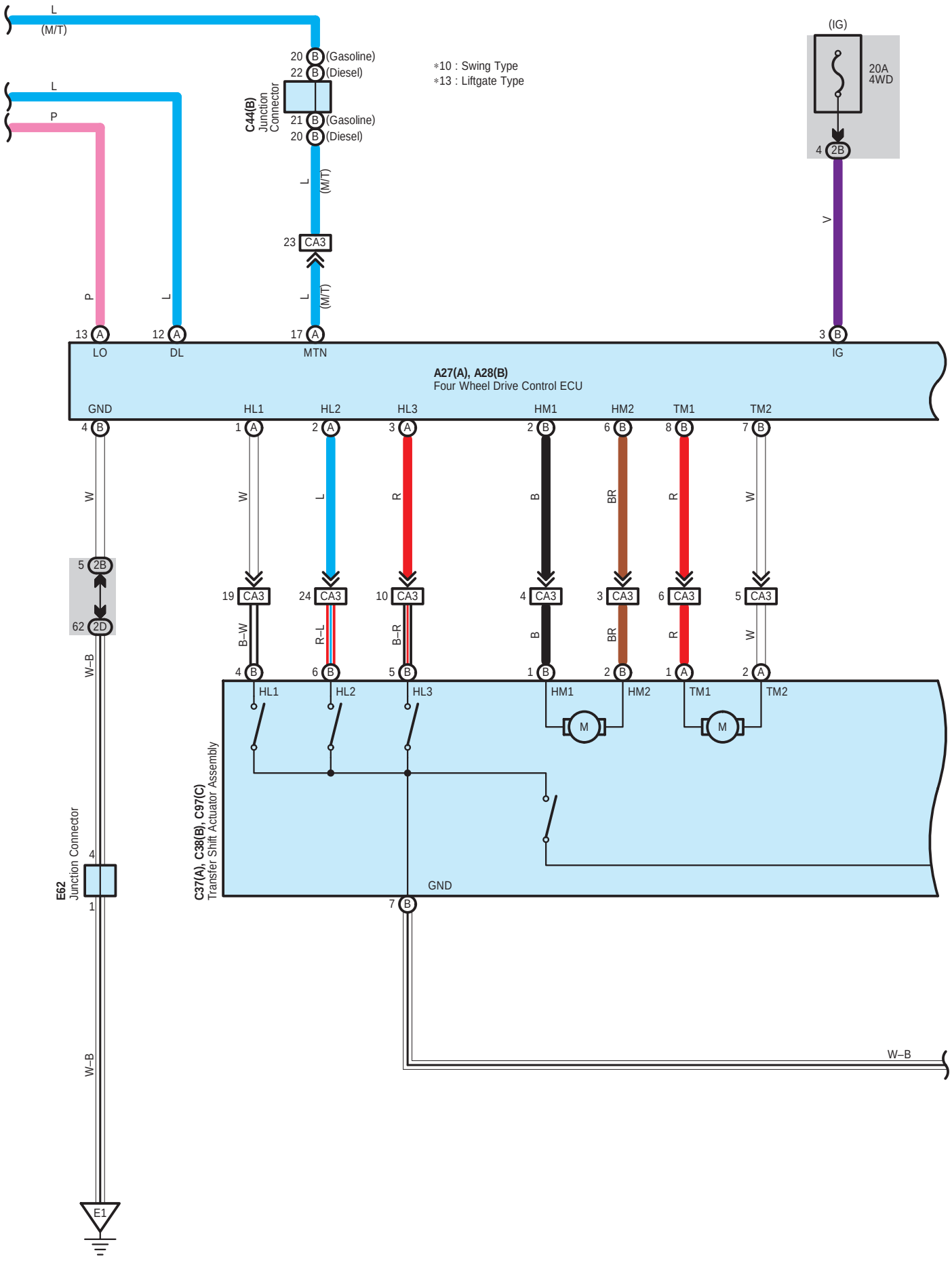
Nf1
White



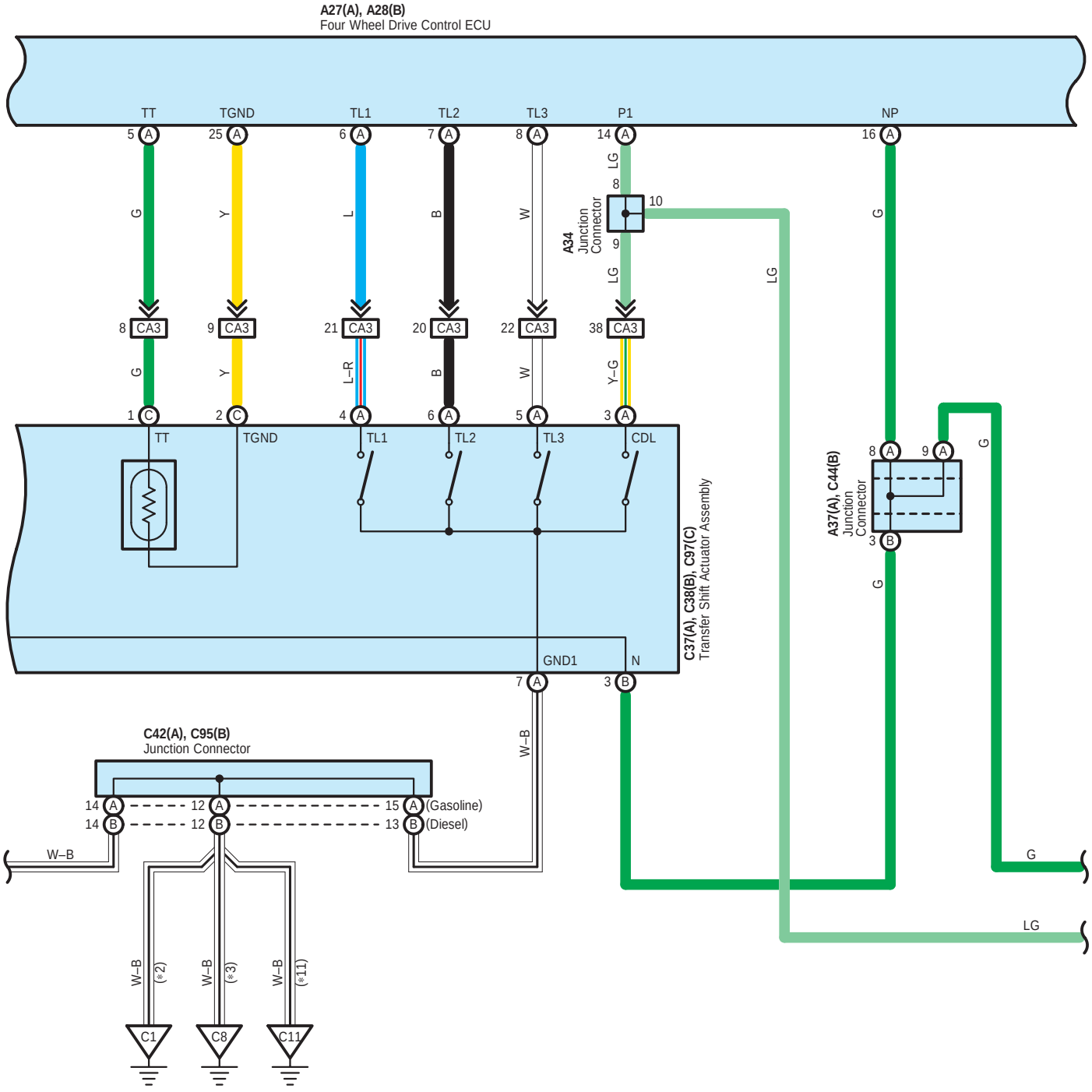
eA1
White

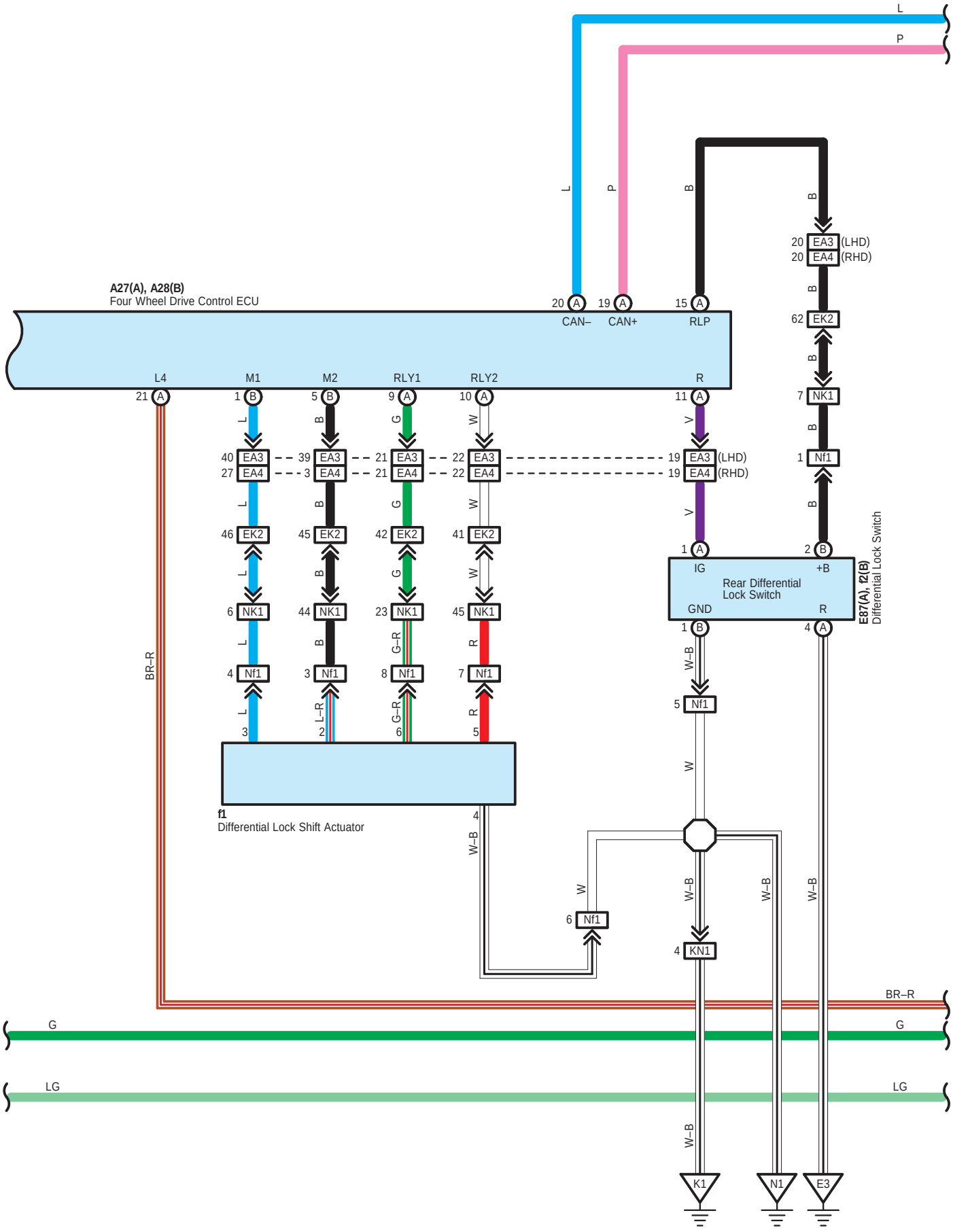



L
(M/T)
34 CA3
L
3 eA1
L
(RHD M/T)
(RHD M/T)
L
(LHD M/T)
1
e1
Clutch Start Switch Assembly
2
1
A49
Clutch Start Switch Assembly
2
R
(LHD M/T)
R
4 eA1
R
(RHD M/T)
(RHD M/T)
18 CA3
R
(M/T)
4 CA1
R
(M/T)
1
5
2
ST Relay
3
1
1
W–B
(M/T)
1
A34
Junction Connector
3
W–B
(LHD M/T)
W–B
(RHD M/T)
A3
A1
L
2 EA3
18 EA4
1 EA3 (LHD)
9 EA4 (RHD)
P
L
5 GE1
L
P
4
CPU
L
G12
Center Differential Lock Switch
2
GND2
2WD
H4
L4
E48
Transfer Position Switch
1
4
W–B
(*10, *13)
W–B
1 GE2
17 A (*10)
29 A (*13)
E60(A)
Junction Connector
7 A (*10)
19 A (*13)
W–B
(*10, *13)
9
E59
Junction Connector
20
W–B
(LHD *10, LHD *13)
13
E62
Junction Connector
1
W–B
(LHD *10, LHD *13)
W–B
(RHD *10, RHD *13)
12
E66
Junction Connector
1
W–B
E1
E3
E2


L
(M/T)
L
P
20 B (Gasoline)
22 B (Diesel)
C44(B) Junction Connector
21 B (Gasoline)
20 B (Diesel)
L (M/T)
23 CA3
L (M/T)
*10 : Swing Type
*13 : Liftgate Type
(IG)
20A 4WD
4 2B
V
P
L
13 A LO
12 A DL
17 A MTN
3 B IG
A27(A), A28(B)
Four Wheel Drive Control ECU
GND
HL1
HL2
HL3
HM1
HM2
TM1
TM2
4 B
1 A
2 A
3 A
2 B
6 B
8 B
7 B
W
W
L
R
B
BR
R
W
5 2B
62 2D
19 CA3
24 CA3
10 CA3
4 CA3
3 CA3
6 CA3
5 CA3
B–W
R–L
B–R
B
BR
R
W
4 B
6 B
5 B
1 B
2 B
1 A
2 A
HL1
HL2
HL3
HM1
HM2
TM1
TM2
M
M
C37(A), C38(B), C97(C) Transfer Shift Actuator Assembly
GND
7 B
W–B
E62 Junction Connector
4
1
W–B
E1
W–B

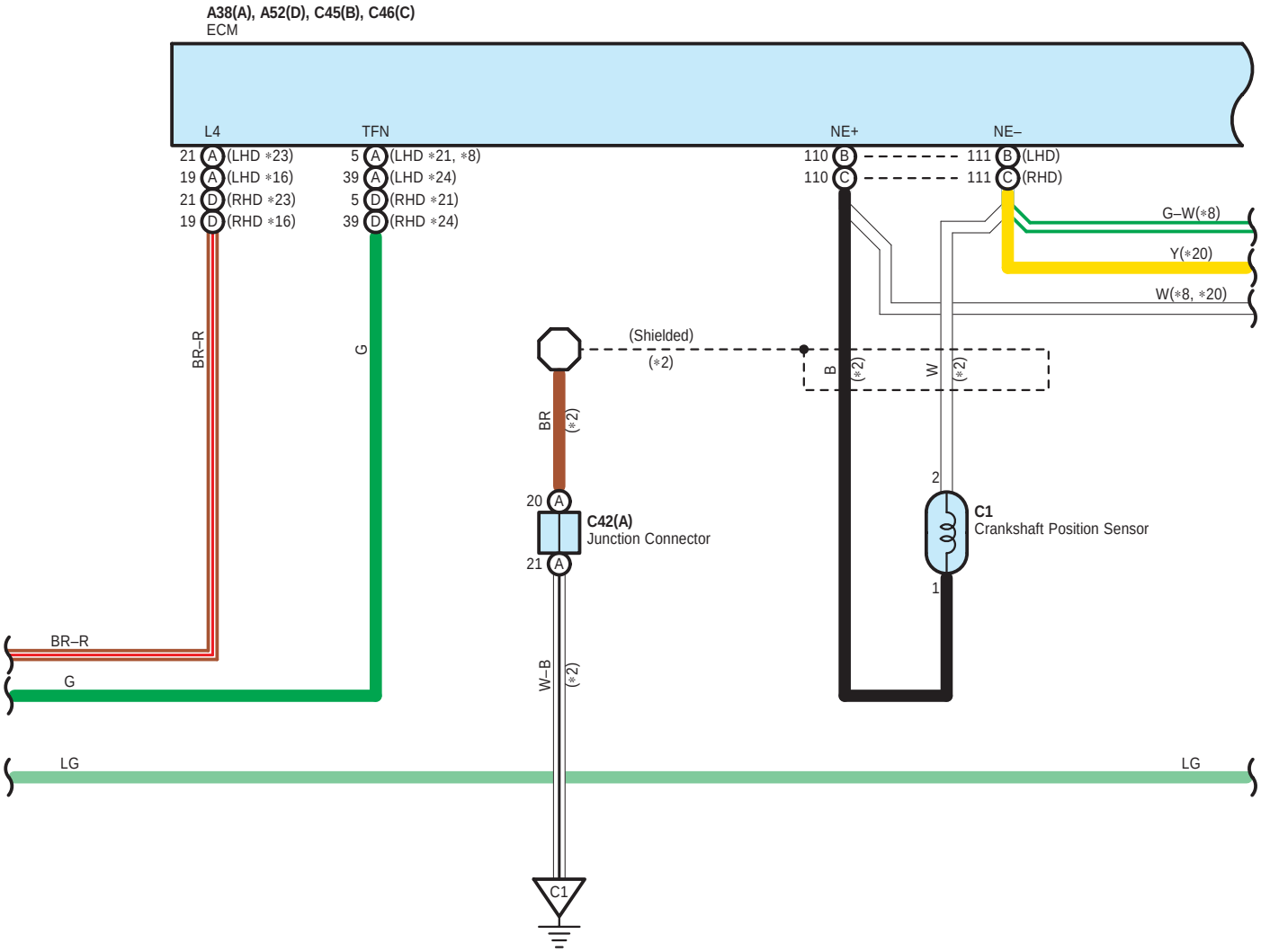
∗ 2 : 1GR–FE
∗ 3 : 1VD–FTV
∗11 : 3UR–FE, 1UR–FE

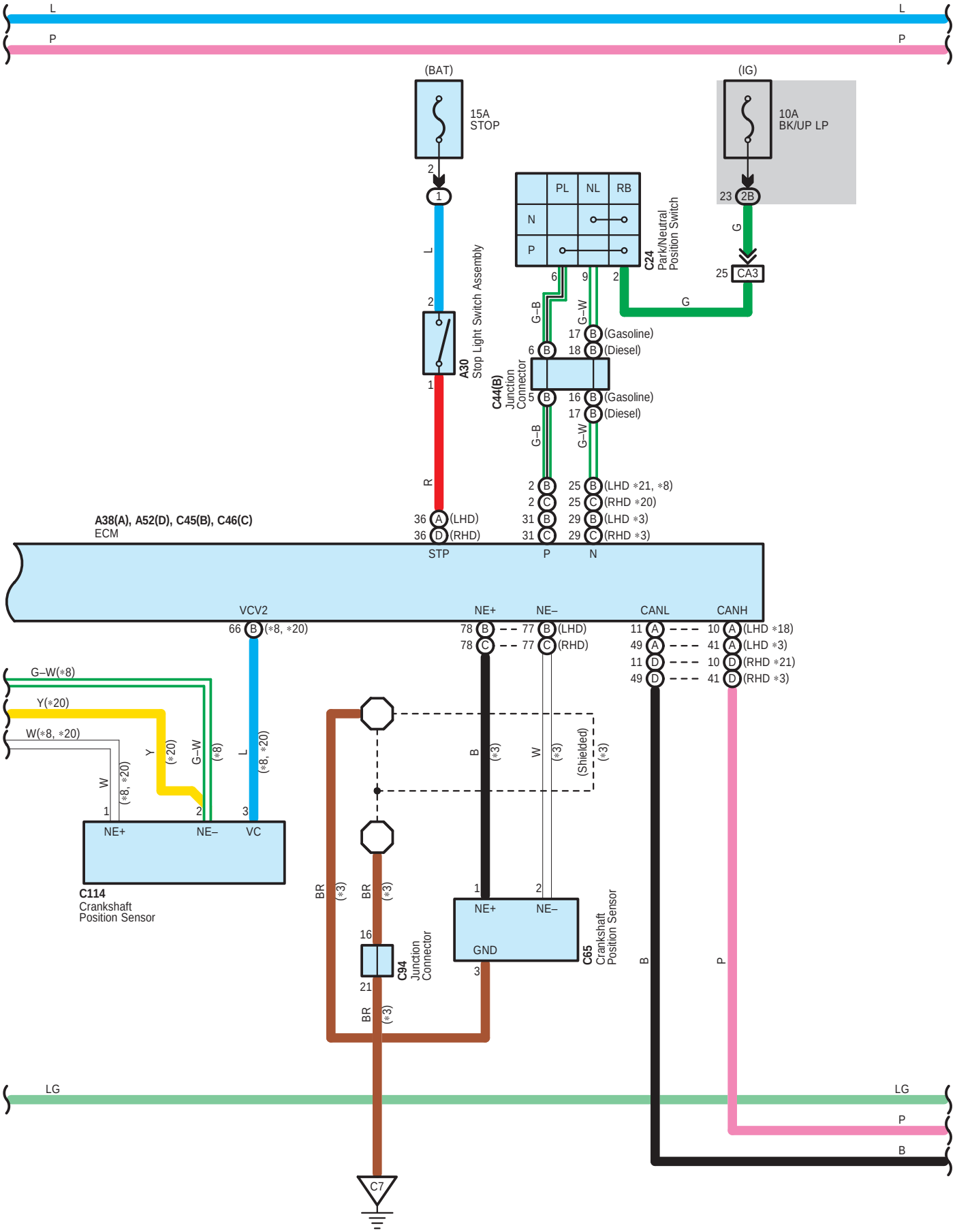


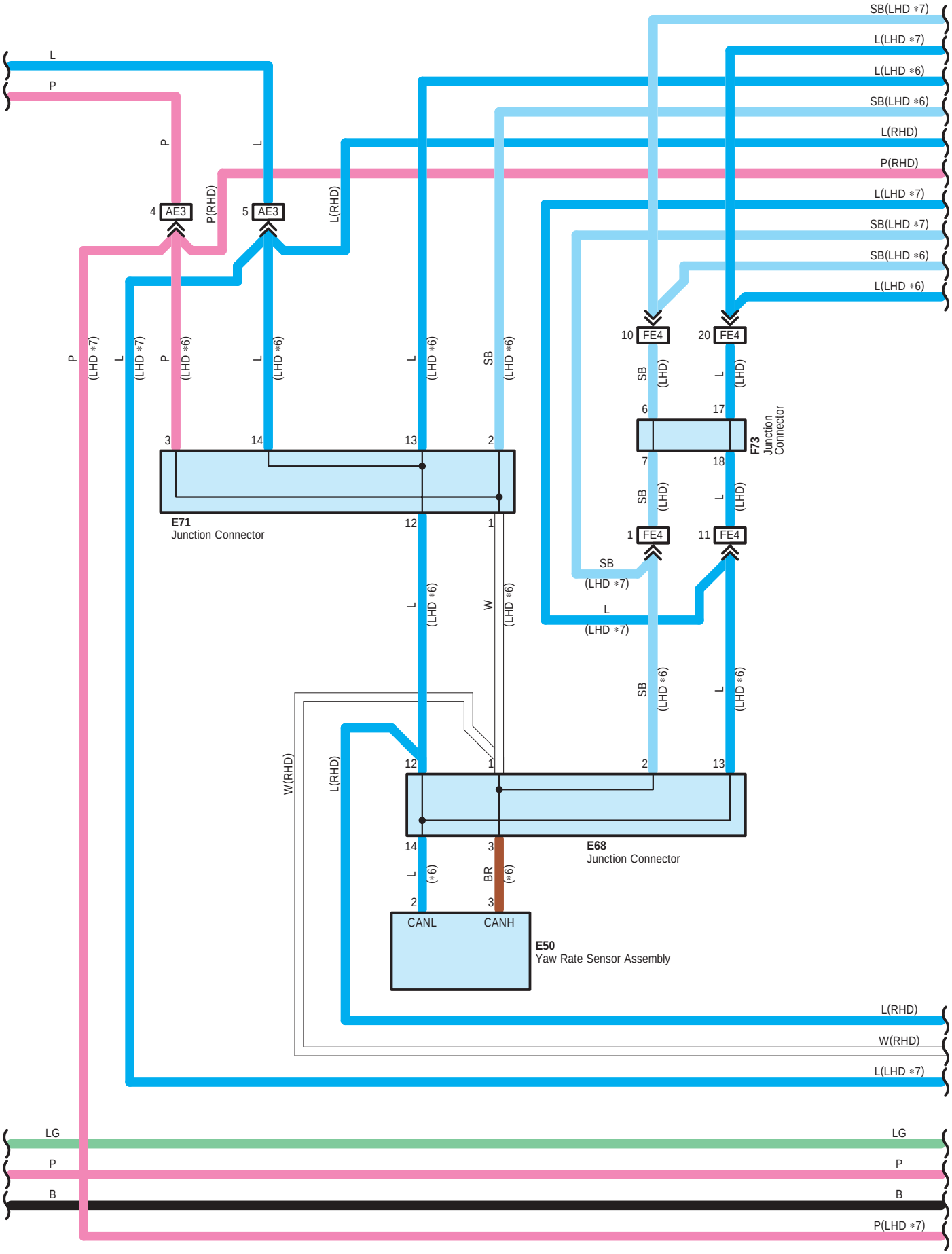

A27(A), A28(B)
Four Wheel Drive Control ECU
20 A CAN–
19 A CAN+
15 A RLP
L4
M1
M2
RLY1
RLY2
R
21 A
1 B
5 B
9 A
10 A
11 A
7 NK1
1 Nf1
62 EK2
20 EA3 (LHD)
20 EA4 (RHD)
40 EA3
27 EA4
39 EA3
3 EA4
21 EA3
21 EA4
22 EA3
22 EA4
19 EA3 (LHD)
19 EA4 (RHD)
46 EK2
45 EK2
42 EK2
41 EK2
6 NK1
44 NK1
23 NK1
45 NK1
4 Nf1
3 Nf1
8 Nf1
7 Nf1
3
2
6
5
BR–R
f1
Differential Lock Shift Actuator
4
1 A IG
2 B +B
Rear Differential Lock Switch
1 B GND
4 A R
E87(A), f2(B)
Differential Lock Switch
5 Nf1
6 Nf1
4 KN1
K1
N1
E3
L
P
B
V
W
G
R
L–R
G–R
W–B
G
LG
BR–R

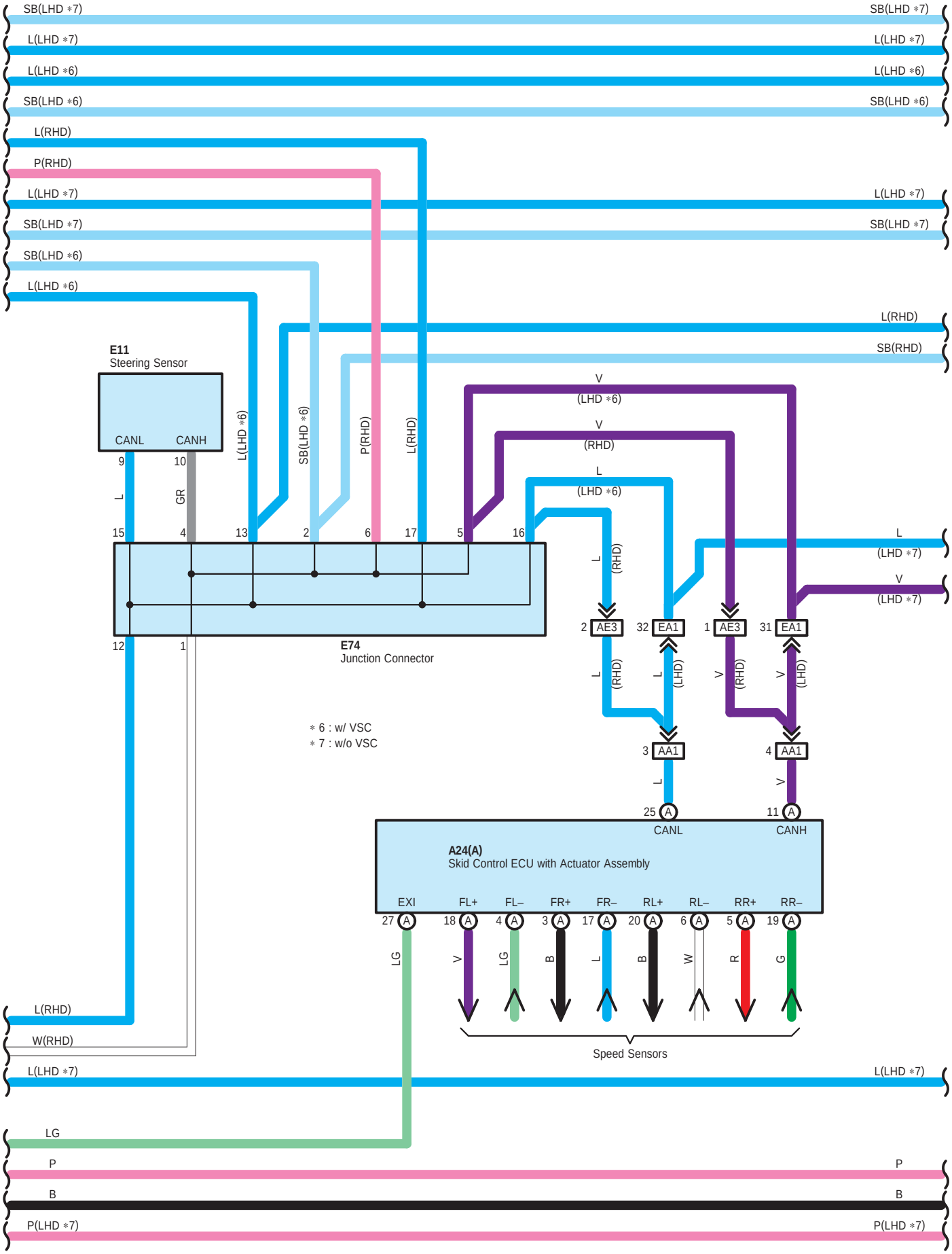


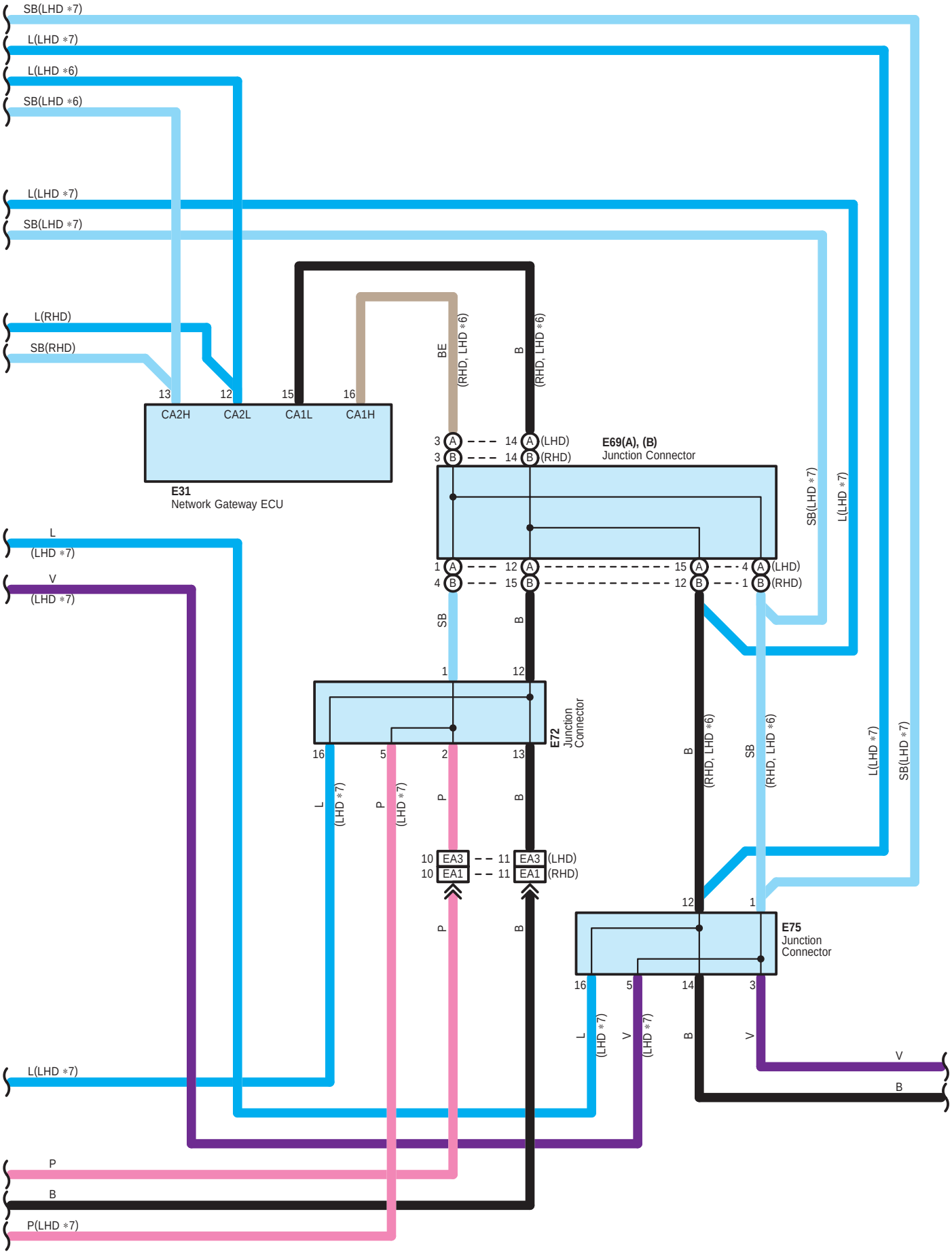
∗ 2 : 1GR–FE
∗ 3 : 1VD–FTV
∗ 8 : 3UR–FE
∗16 : 1VD–FTV w/ DPF
∗18 : 3UR–FE, 1UR–FE, 1GR–FE
∗20 : 1UR–FE
∗21 : 1UR–FE, 1GR–FE
∗23 : Except 1VD–FTV w/ DPF
∗24 : 1VD–FTV w/o DPF

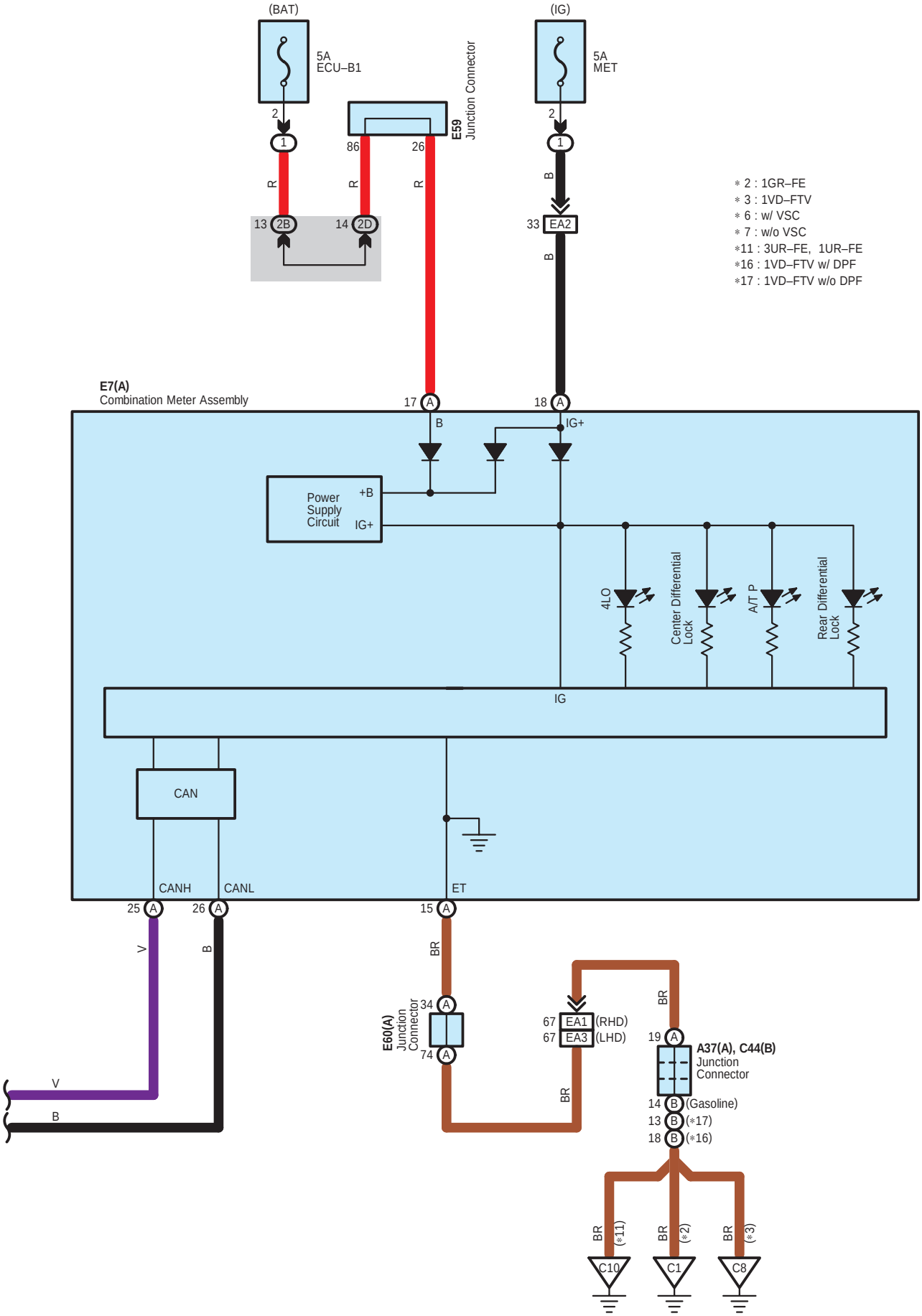



L
P
(BAT)
15A
STOP
(IG)
10A
BK/UP LP
PL
NL
RB
N
P
C24
Park/Neutral
Position Switch
A30
Stop Light Switch Assembly
C44(B)
Junction
Connector
(Gasoline)
(Diesel)
(LHD *21, *8)
(RHD *20)
(LHD *3)
(RHD *3)
A38(A), A52(D), C45(B), C46(C)
ECM
STP
VCV2
NE+
NE–
CANL
CANH
(LHD)
(RHD)
(LHD *18)
(LHD *3)
(RHD *21)
(RHD *3)
G–W(*8)
Y(*20)
W(*8, *20)
(Shielded)
C114
Crankshaft
Position Sensor
C94
Junction
Connector
C65
Crankshaft
Position Sensor
GND
C7
LG

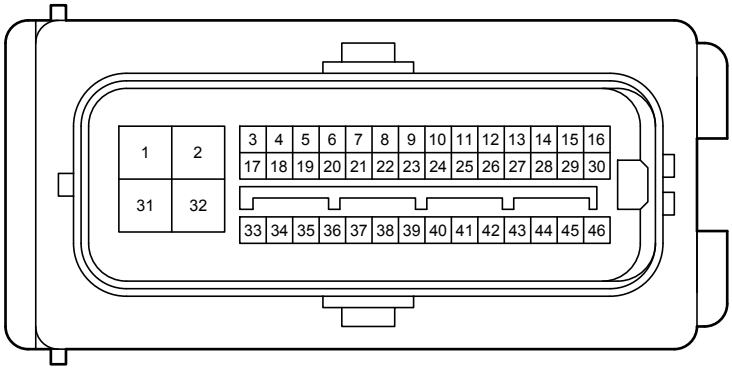

SB(LHD *7)
L(LHD *7)
L(LHD *6)
SB(LHD *6)
L(RHD)
P(RHD)
L(LHD *7)
SB(LHD *7)
SB(LHD *6)
L(LHD *6)
L
P
4 AE3
5 AE3
P(RHD)
L(RHD)
10 FE4
20 FE4
1 FE4
11 FE4
F73
Junction Connector
E71
Junction Connector
E68
Junction Connector
E50
Yaw Rate Sensor Assembly
CANL
CANH
W(RHD)
L(RHD)
W(RHD)
L(LHD *7)
LG
P
B
P(LHD *7)
LG
P
B


SB(LHD *7)
L(LHD *7)
L(LHD *6)
SB(LHD *6)
L(RHD)
P(RHD)
SB(LHD *7)
SB(LHD *6)
L(LHD *6)
SB(RHD)
E11
Steering Sensor
CANL
CANH
9
10
L
GR
15
4
13
2
6
17
5
16
L(LHD *6)
SB(LHD *6)
P(RHD)
L(RHD)
V
(LHD *6)
V
(RHD)
L
(LHD *6)
L
(LHD *7)
V
(LHD *7)
12
1
E74
Junction Connector
2 AE3
32 EA1
1 AE3
31 EA1
L (RHD)
L (LHD)
V (RHD)
V (LHD)
3 AA1
4 AA1
25 A
11 A
CANL
CANH
A24(A)
Skid Control ECU with Actuator Assembly
EXI
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
27 A
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
LG
V
LG
B
L
B
W
R
G
Speed Sensors
* 6 : w/ VSC
* 7 : w/o VSC
L(RHD)
W(RHD)
L(LHD *7)
LG
P
B
P(LHD *7)

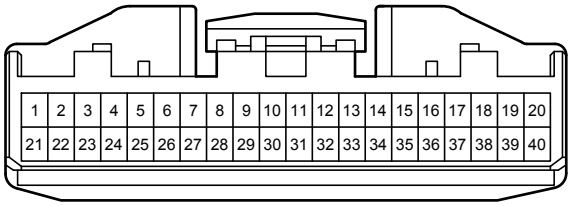

SB(LHD *7)
L(LHD *7)
L(LHD *6)
SB(LHD *6)
L(LHD *7)
SB(LHD *7)
L(RHD)
SB(RHD)
13
12
15
16
CA2H
CA2L
CA1L
CA1H
E31
Network Gateway ECU
BE
(RHD, LHD *6)
B
(RHD, LHD *6)
3 A
3 B
14 A (LHD)
14 B (RHD)
E69(A), (B)
Junction Connector
SB(LHD *7)
L(LHD *7)
1 A
4 B
12 A
15 B
15 A
12 B
4 A (LHD)
1 B (RHD)
L
(LHD *7)
V
(LHD *7)
SB
B
1
12
E72
Junction
Connector
16
5
2
13
L
(LHD *7)
P
(LHD *7)
P
B
10 EA3
10 EA1
11 EA3 (LHD)
11 EA1 (RHD)
B
(RHD, LHD *6)
SB
(RHD, LHD *6)
L(LHD *7)
SB(LHD *7)
12
1
E75
Junction
Connector
16
5
14
3
L
(LHD *7)
V
(LHD *7)
B
V
V
B
L(LHD *7)
P
B
P(LHD *7)


(BAT)
5A
ECU–B1
2
1
R
13 2B
E59
Junction Connector
86
26
R
R
14 2D
(IG)
5A
MET
2
1
B
33 EA2
B
∗ 2 : 1GR–FE
∗ 3 : 1VD–FTV
∗ 6 : w/ VSC
∗ 7 : w/o VSC
∗11 : 3UR–FE, 1UR–FE
∗16 : 1VD–FTV w/ DPF
∗17 : 1VD–FTV w/o DPF
E7(A)
Combination Meter Assembly
17 A
18 A
B
IG+
Power
Supply
Circuit
+B
IG+
4LO
Center Differential
Lock
A/T P
Rear Differential
Lock
IG
CAN
CANH
CANL
ET
25 A
26 A
15 A
V
B
BR
E60(A)
Junction
Connector
34 A
74 A
67 EA1 (RHD)
67 EA3 (LHD)
BR
BR
19 A
A37(A), C44(B)
Junction
Connector
14 B (Gasoline)
13 B (∗17)
18 B (∗16)
BR
(∗11)
BR
(∗2)
BR
(∗3)
C10
C1
C8
V
B

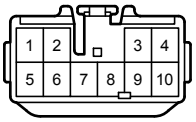
A 24
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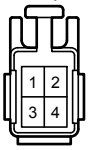
A 27
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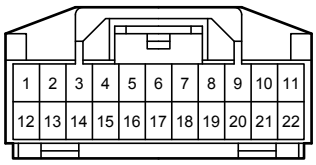
A 28
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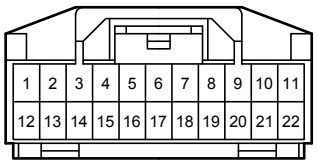
A 30
Gray



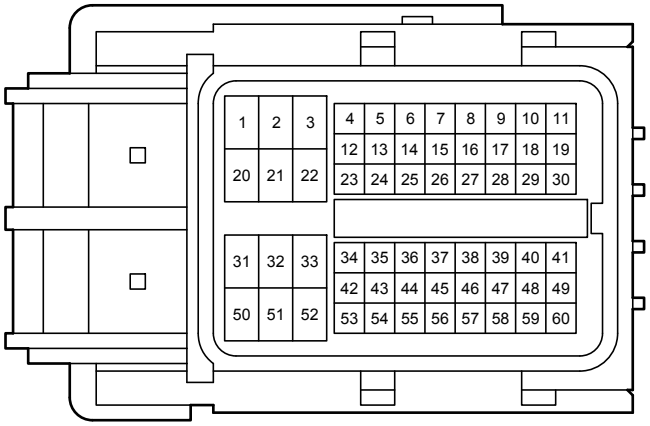
A 34
White



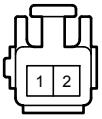
A 37
Blue



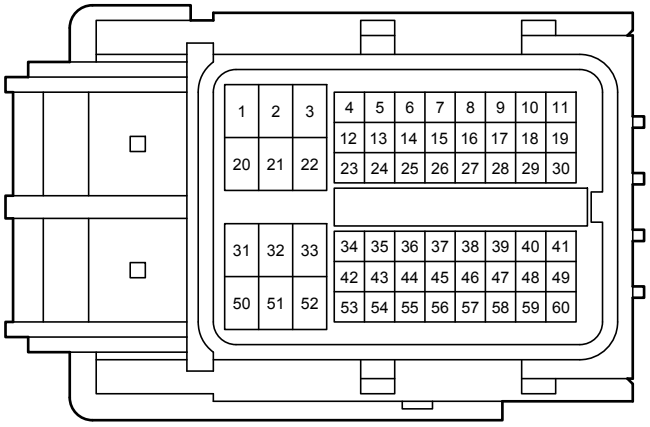
A 38
Black



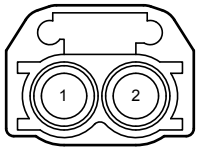
A 49
Black



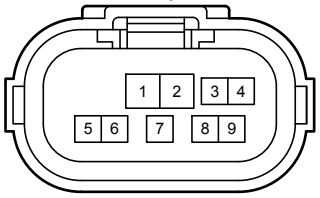
A 52
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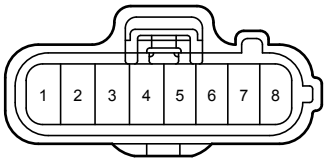
C 1
Black



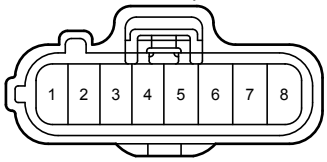
C 24
Gray



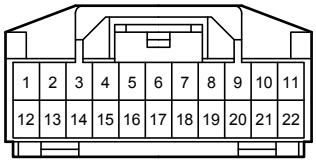
C 37
Black



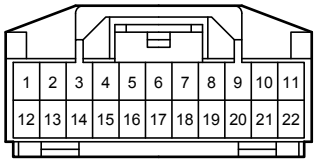
C 38
Dark Gray



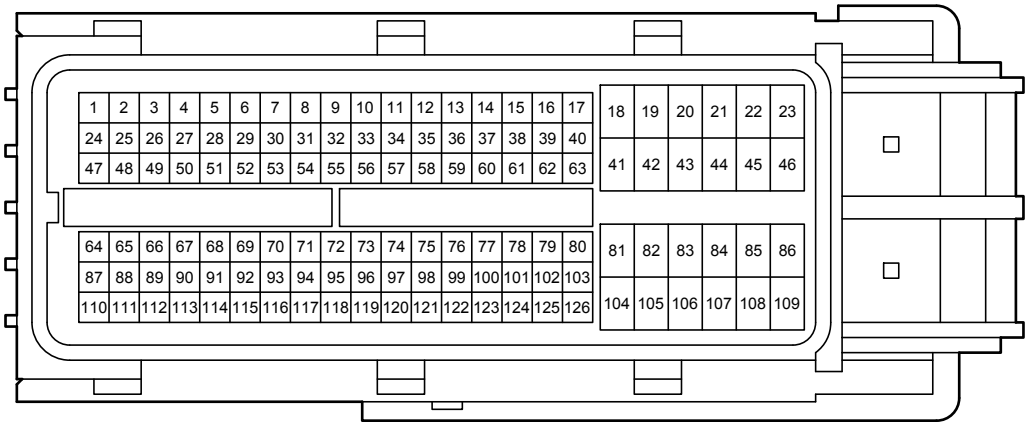
C 42
White



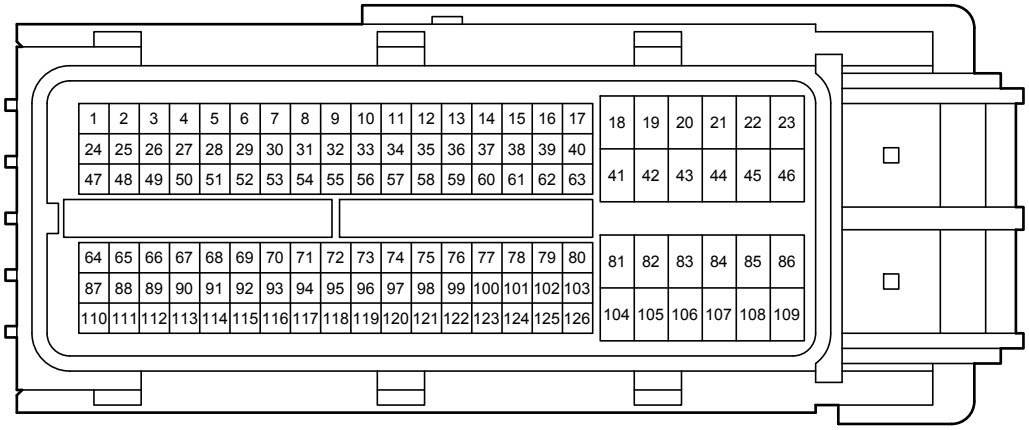
C 44
Blue



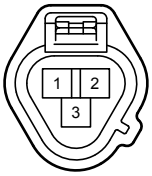
C 45
Black



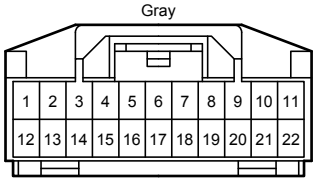
C 46
Black



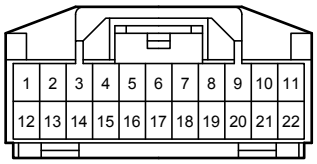
C 65
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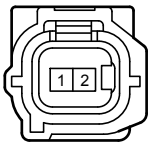
C 94
Gray



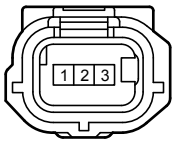
C 95
Black



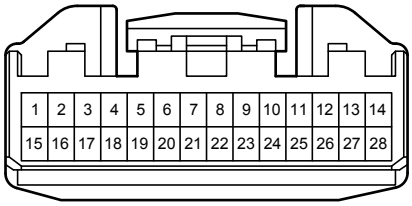
C 97
Black



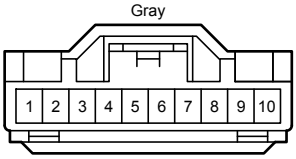
C114
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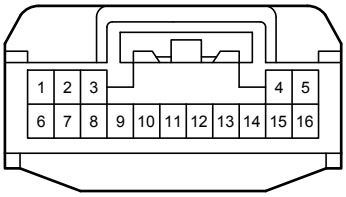
E 7
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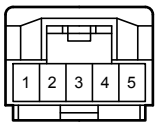
E 11
Gray



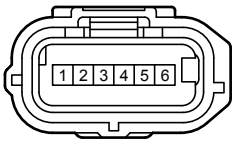
E 31
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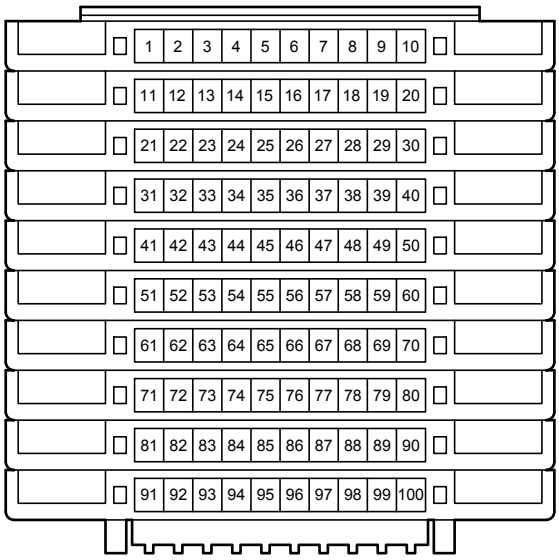
E 48
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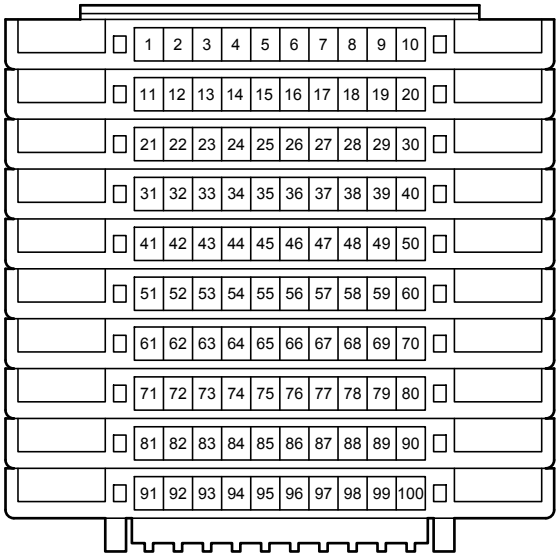
E 50
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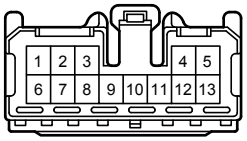
E 59



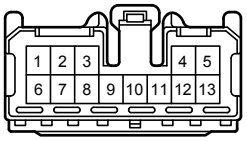
E 60



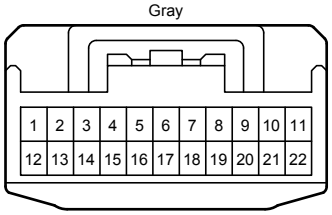
E 62
White



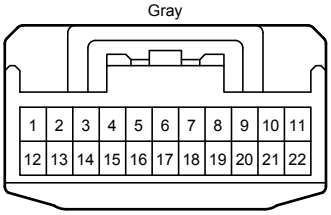
E 66
White



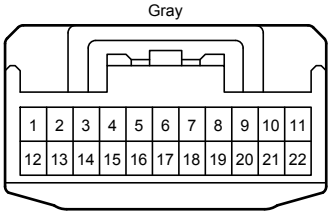
E 68
Gray



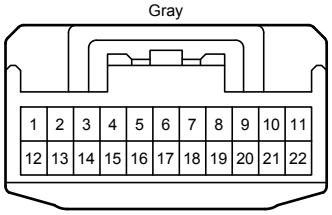
E 69
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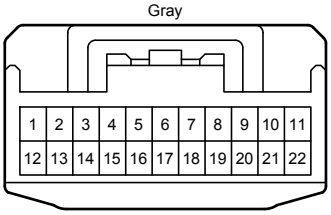
E 71
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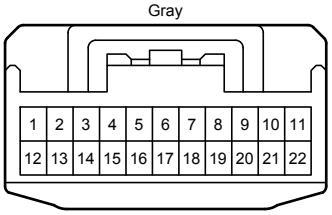
E 72
Gray



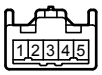
E 74
Gray



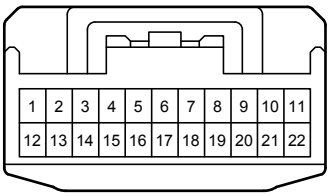
E 75
Gray



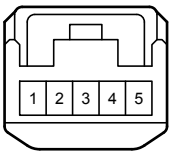
E 87
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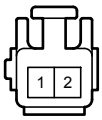
F 73
Blue



G 12
White



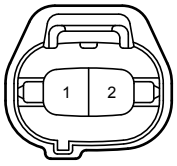
e 1
Black



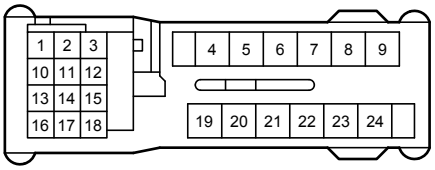
f 1
Gray



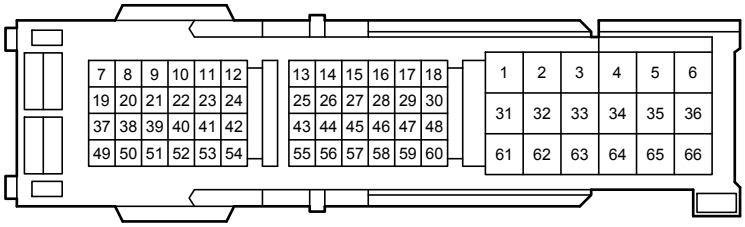
f 2
Blue



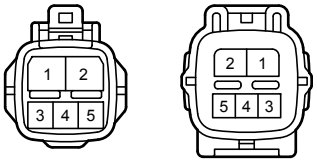
2B
White



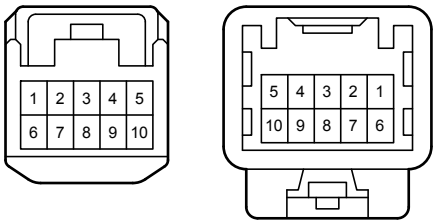
2D
White



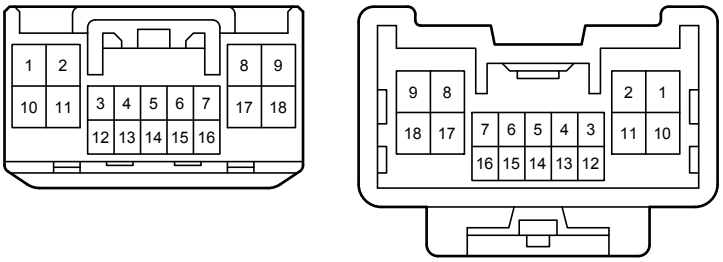
AA1
Gray



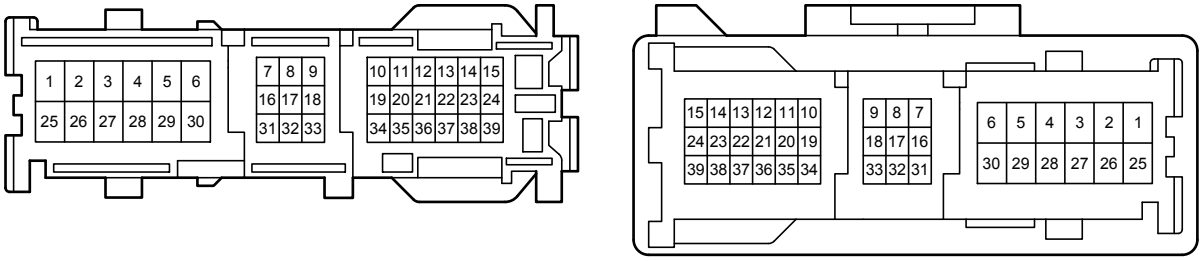
AE3
Gray



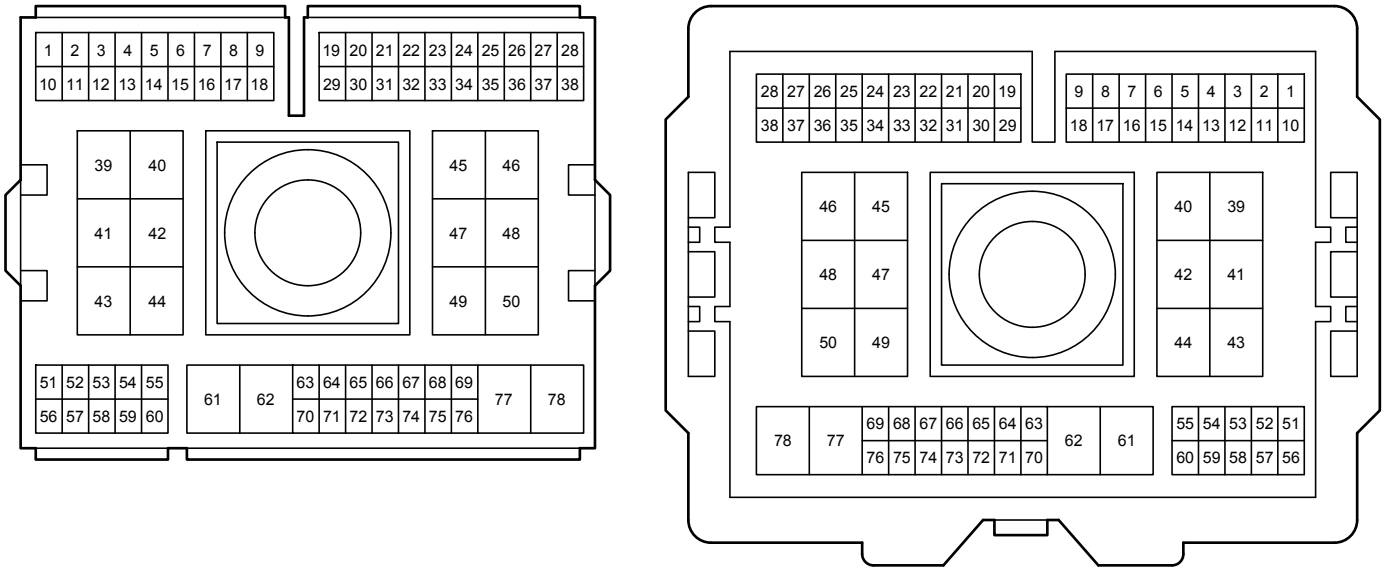
CA1
White



CA3
White

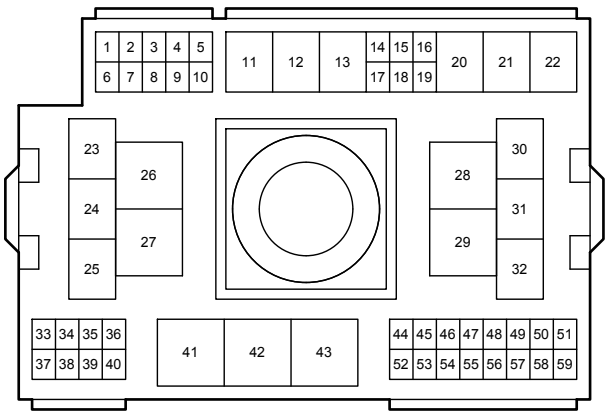


EA1
White

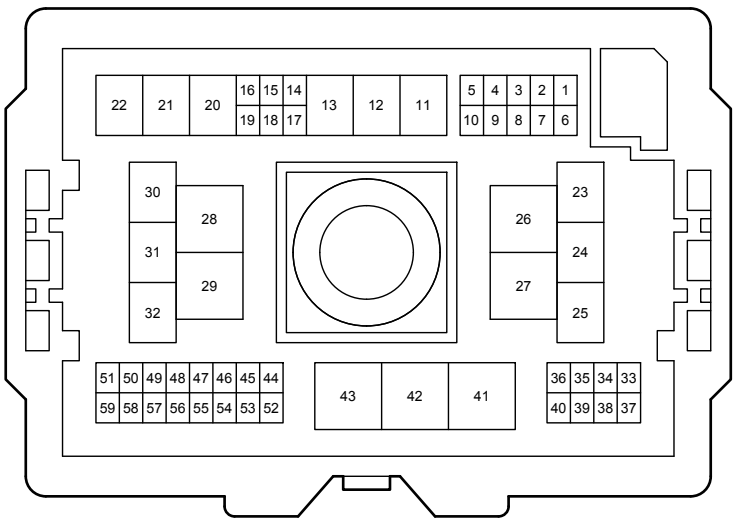


EA2

White

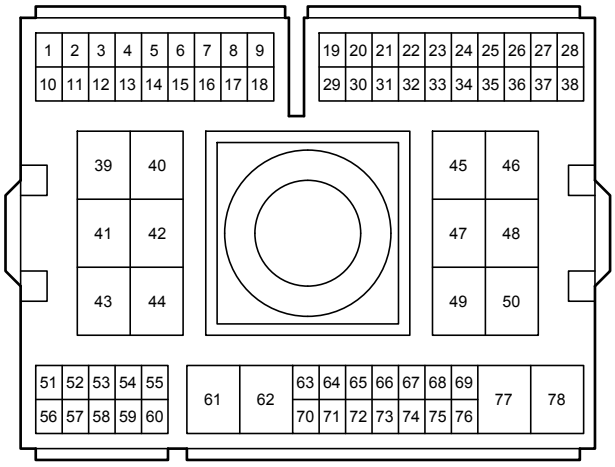


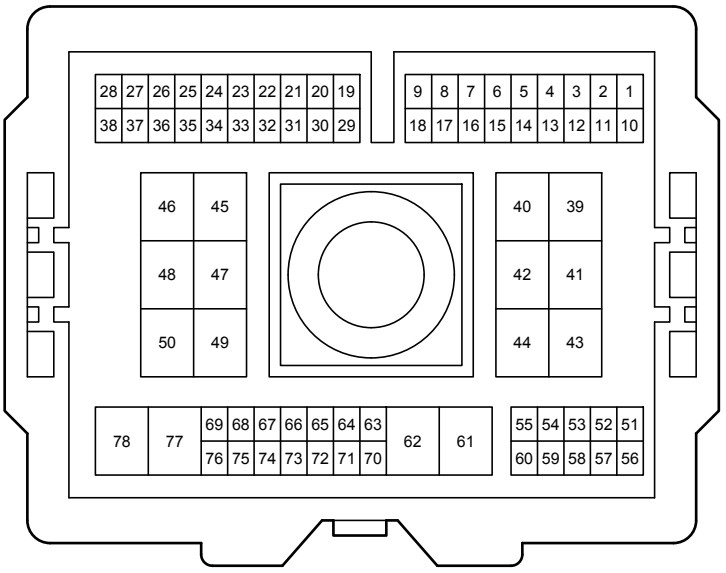
Gray



EA3

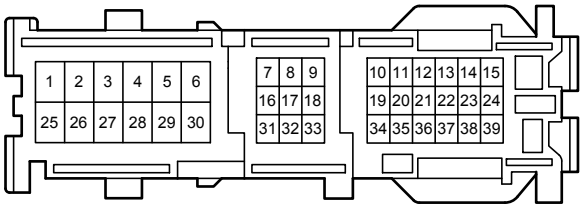
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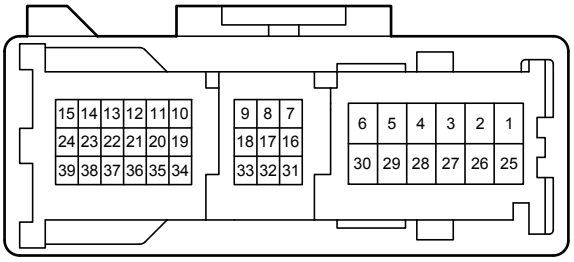




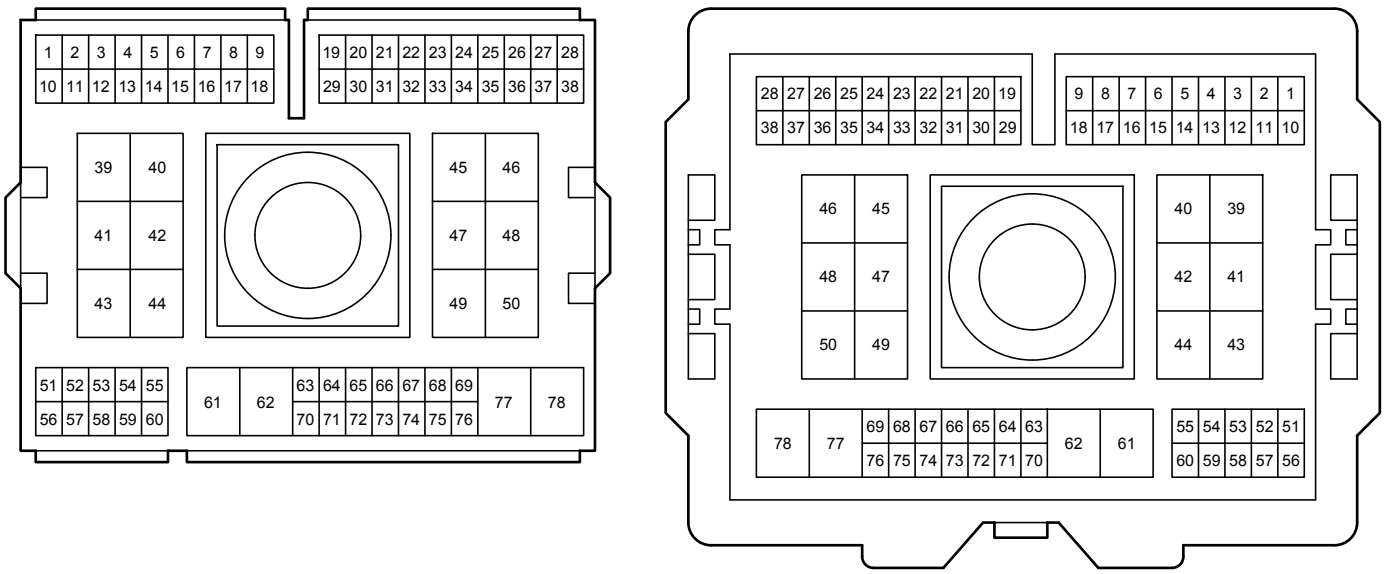
EA4

White

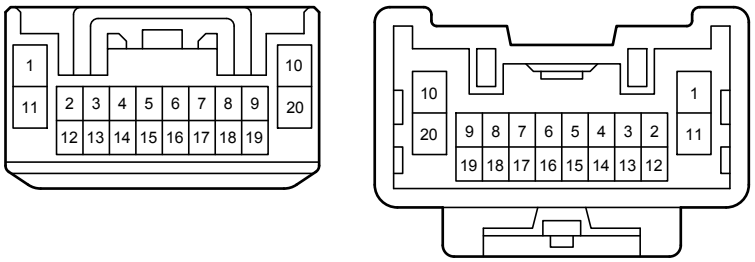




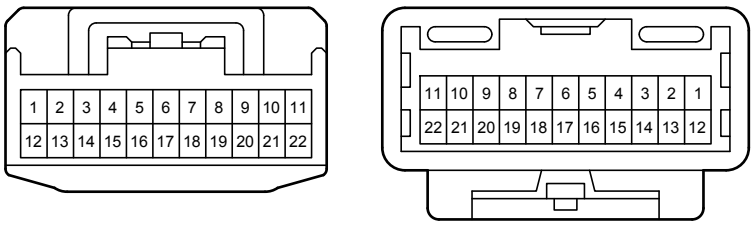
EK2
White



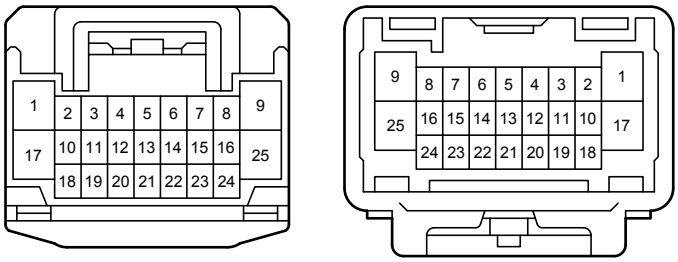
FE4
White



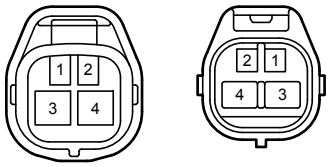
GE1
White

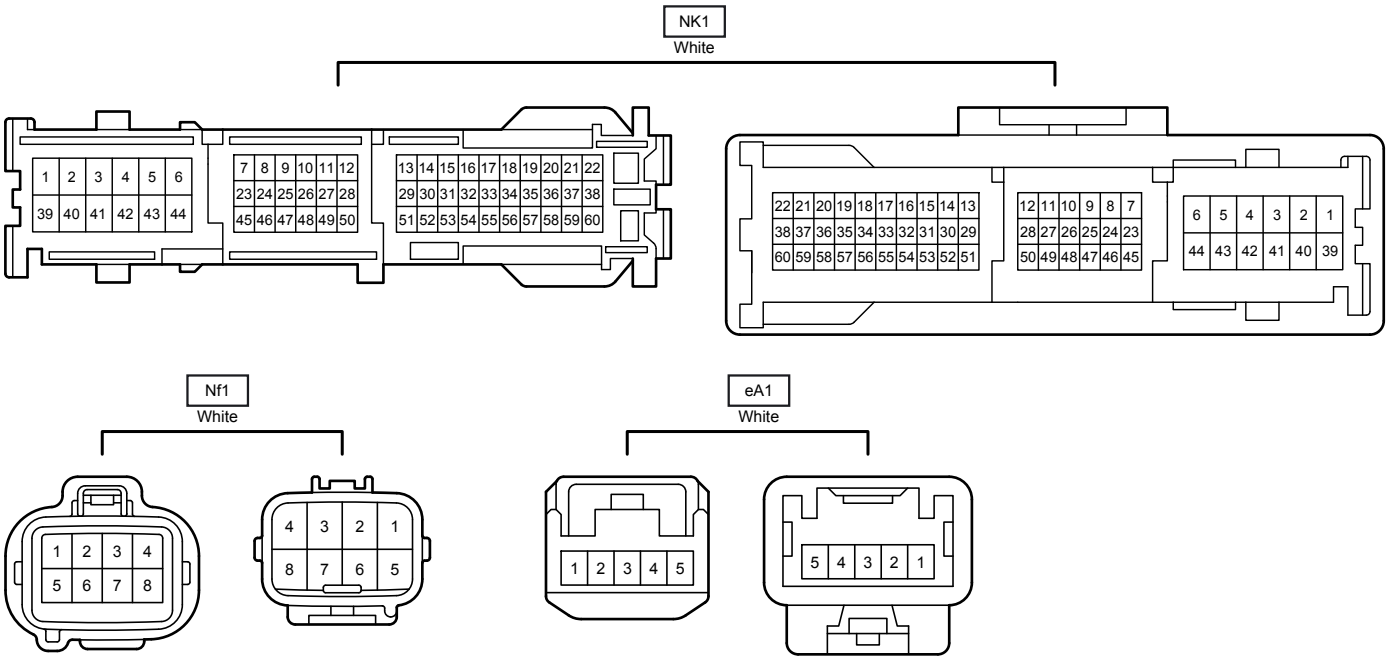


GE2
White



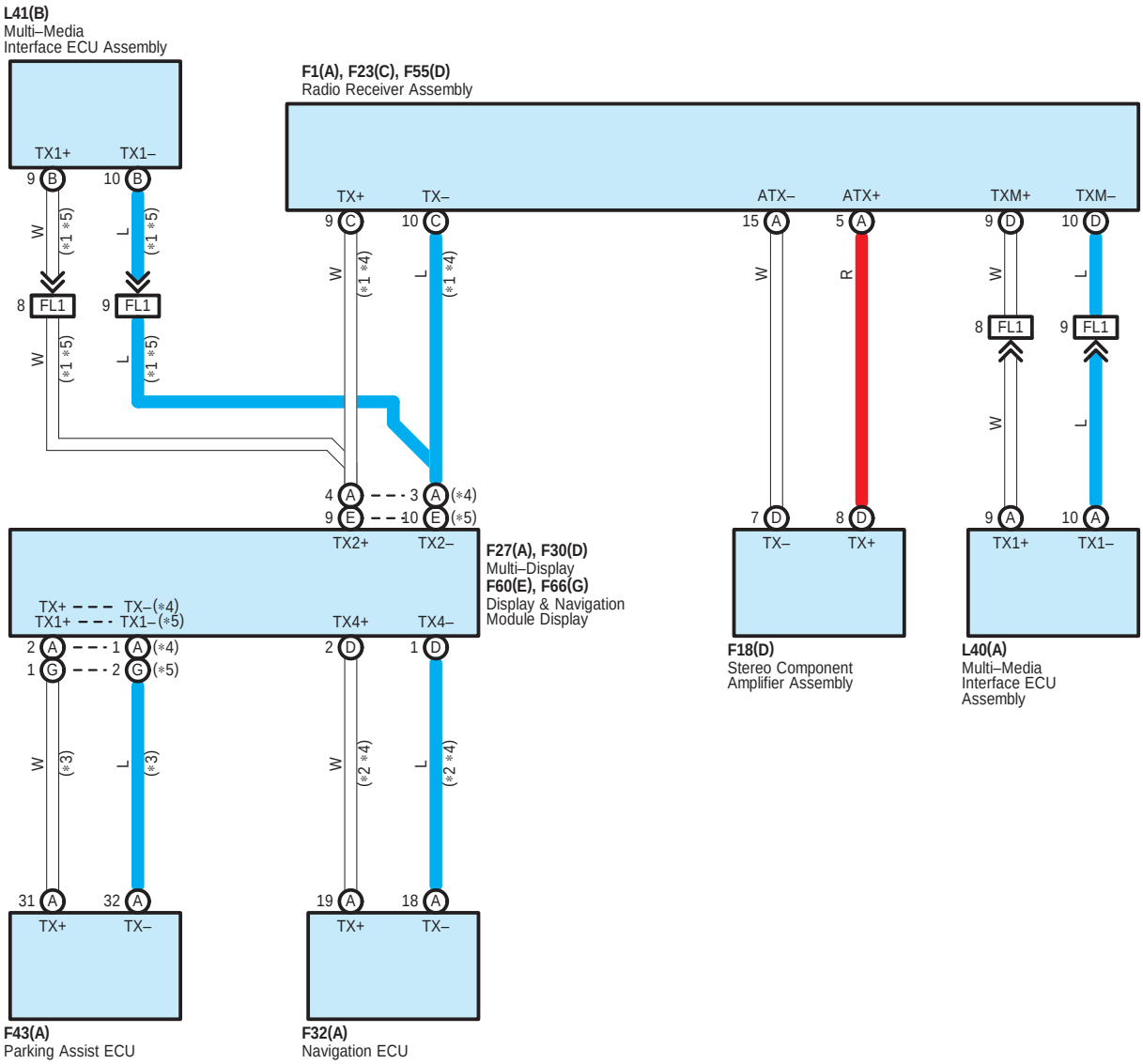
KN1
White



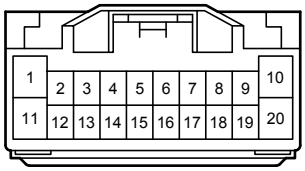

NK1
White
1 2 3 4 5 6
39 40 41 42 43 44
7 8 9 10 11 12
23 24 25 26 27 28
45 46 47 48 49 50
13 14 15 16 17 18 19 20 21 22
29 30 31 32 33 34 35 36 37 38
51 52 53 54 55 56 57 58 59 60
22 21 20 19 18 17 16 15 14 13
38 37 36 35 34 33 32 31 30 29
60 59 58 57 56 55 54 53 52 51
12 11 10 9 8 7
28 27 26 25 24 23
50 49 48 47 46 45
6 5 4 3 2 1
44 43 42 41 40 39

Nf1
White
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5
eA1
White
1 2 3 4 5
5 4 3 2 1

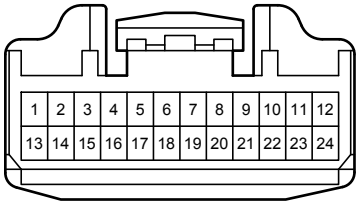
∗ 1 : w/ Multi–Display
∗ 2 : w/ Navigation System
∗ 3 : w/ Back Guide Monitor
∗ 4 : Before Jul. 2009 Production
∗ 5 : From Jul. 2009 Production



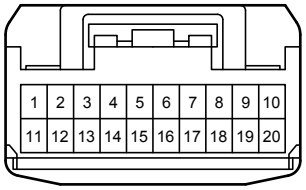
F 1
White



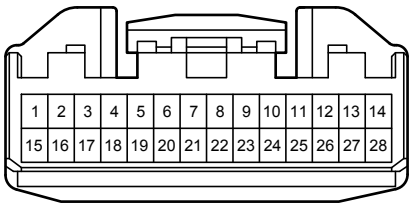
F 18
White



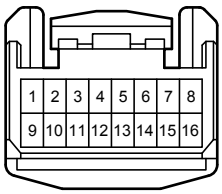
F 23
White



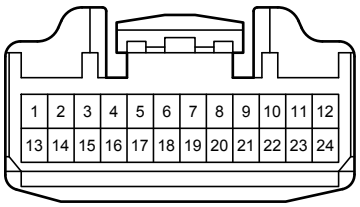
F 27
White



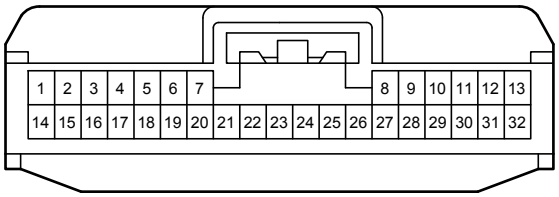
F 30
White



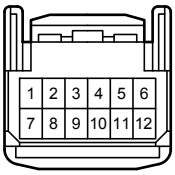
F 32
White



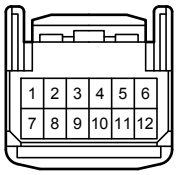
F 43
White



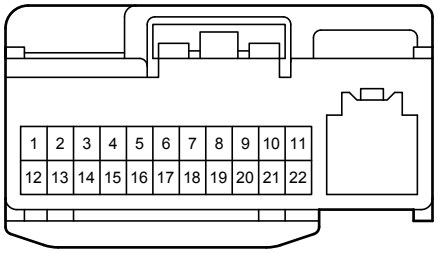
F 55
White



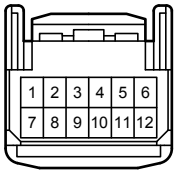
F 60
White



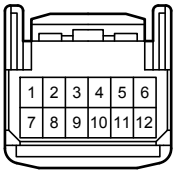
F 66
White

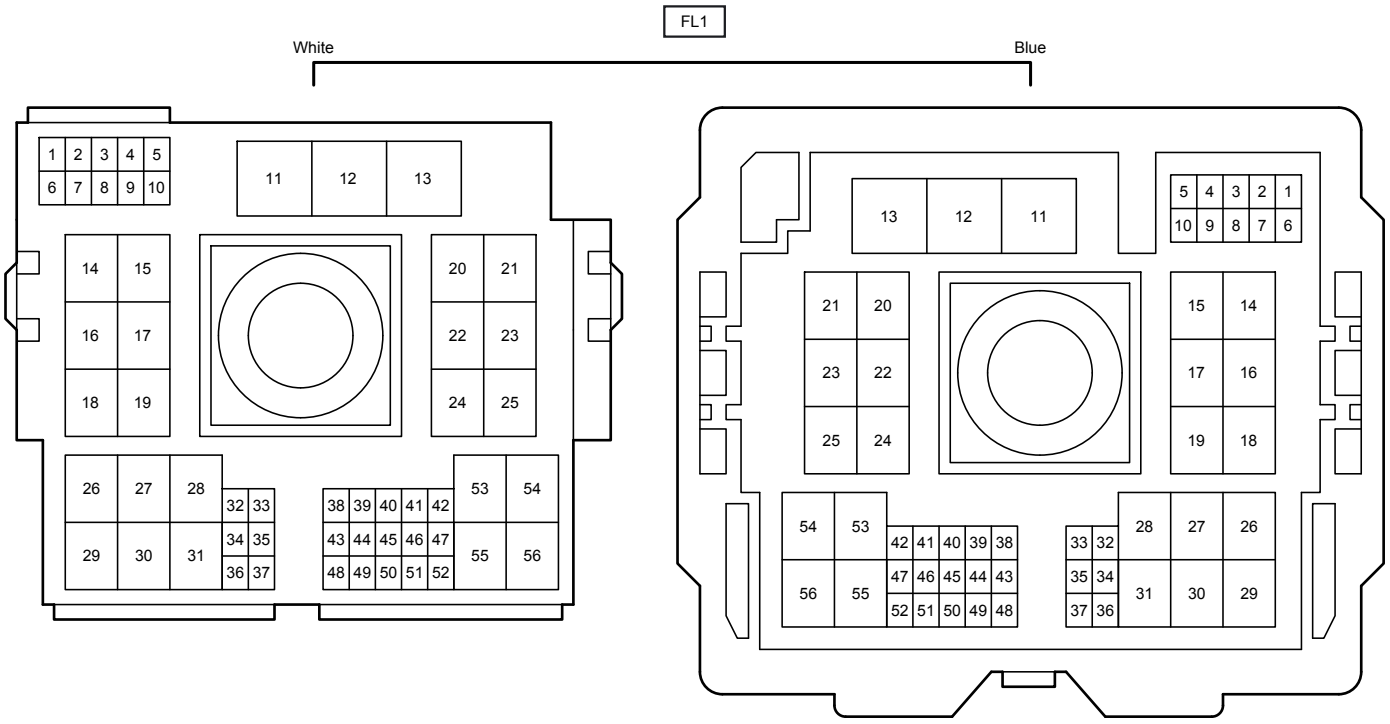


L 40
White

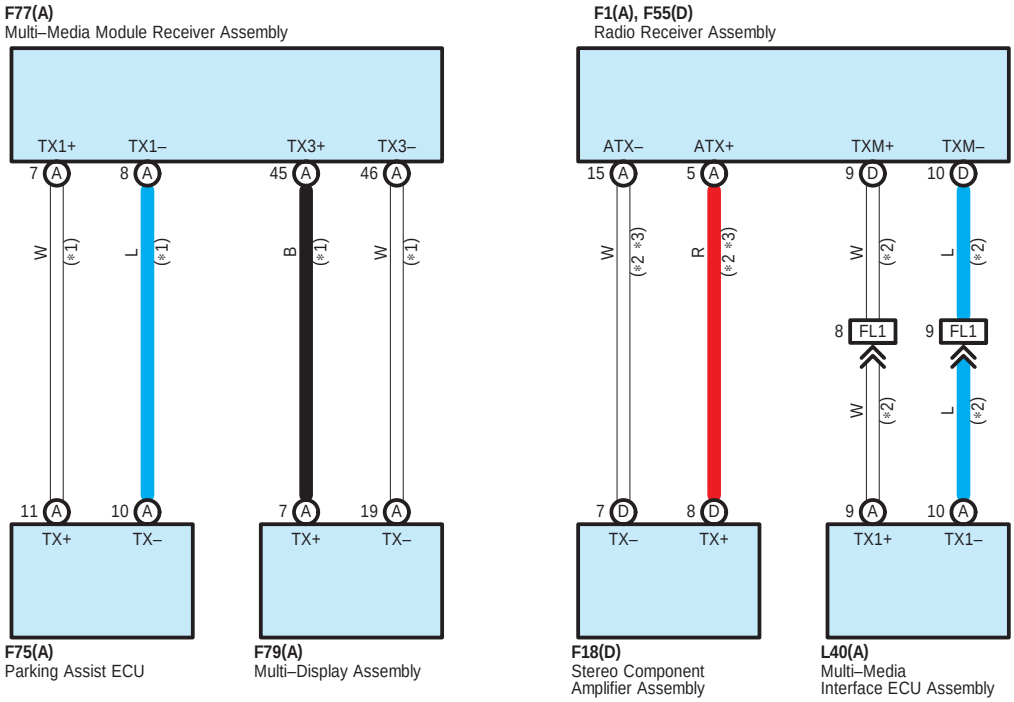


L 41
Black

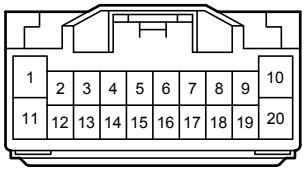



FL1
White
Blue
1 2 3 4 5
6 7 8 9 10
11 12 13
14 15
16 17
18 19
20 21
22 23
24 25
26 27 28
29 30 31
32 33
34 35
36 37
38 39 40 41 42
43 44 45 46 47
48 49 50 51 52
53 54
55 56
13 12 11
5 4 3 2 1
10 9 8 7 6
21 20
23 22
25 24
15 14
17 16
19 18
54 53
56 55
42 41 40 39 38
47 46 45 44 43
52 51 50 49 48
33 32
35 34
37 36
28 27 26
31 30 29

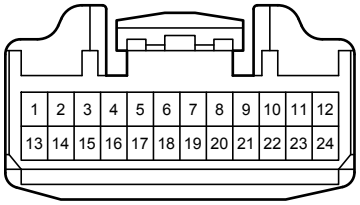
∗ 1 : w/ Navigation System
∗ 2 : w/o Navigation System
∗ 3 : w/ Stereo Component Amplifier Assembly



F 1
White



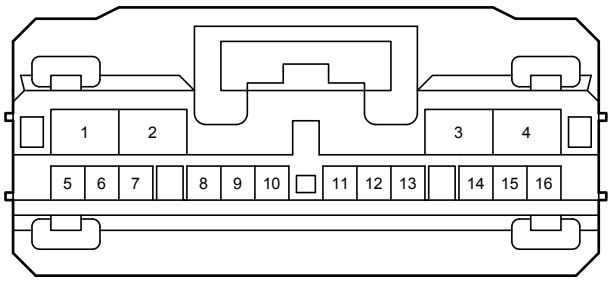
F 18
White



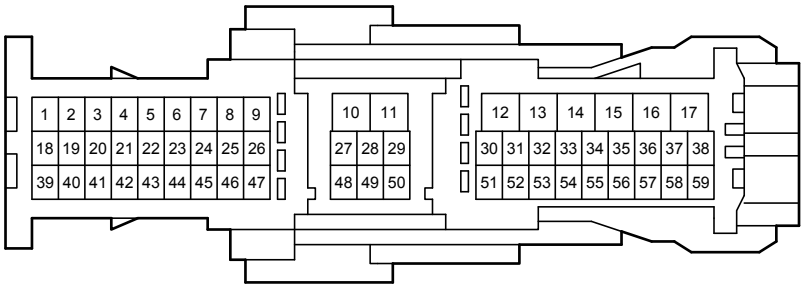
F 55
White



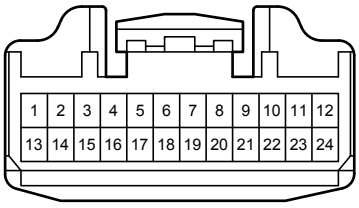
F 75
White



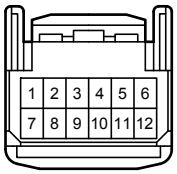
F 77
White

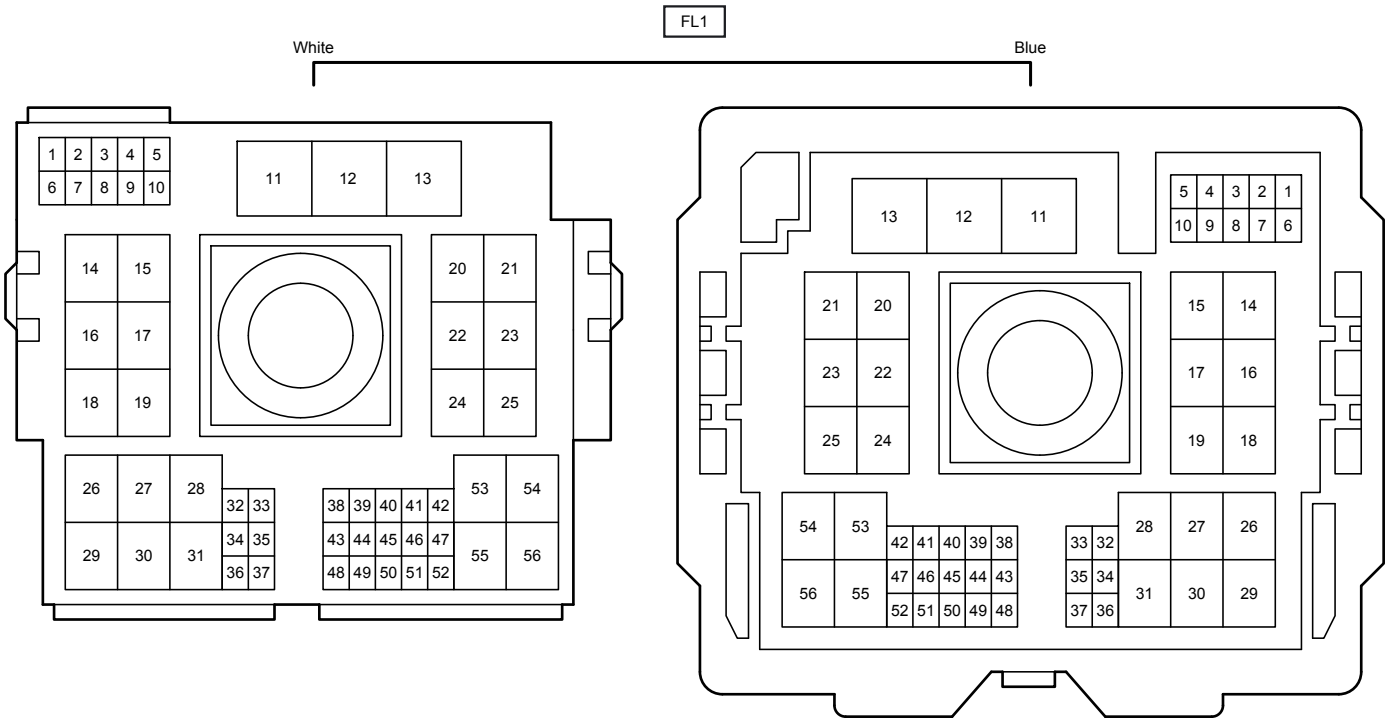


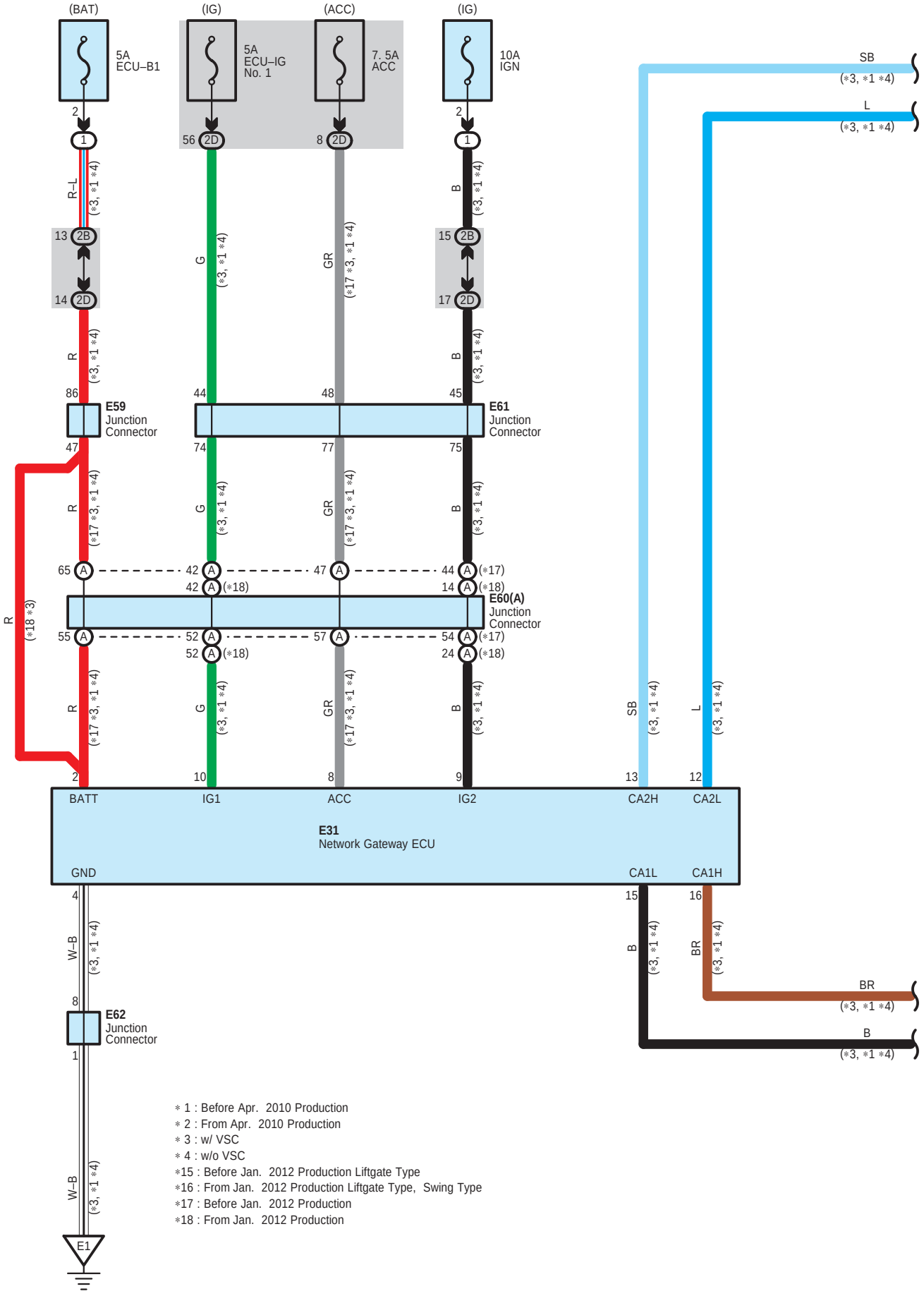
F 79
White

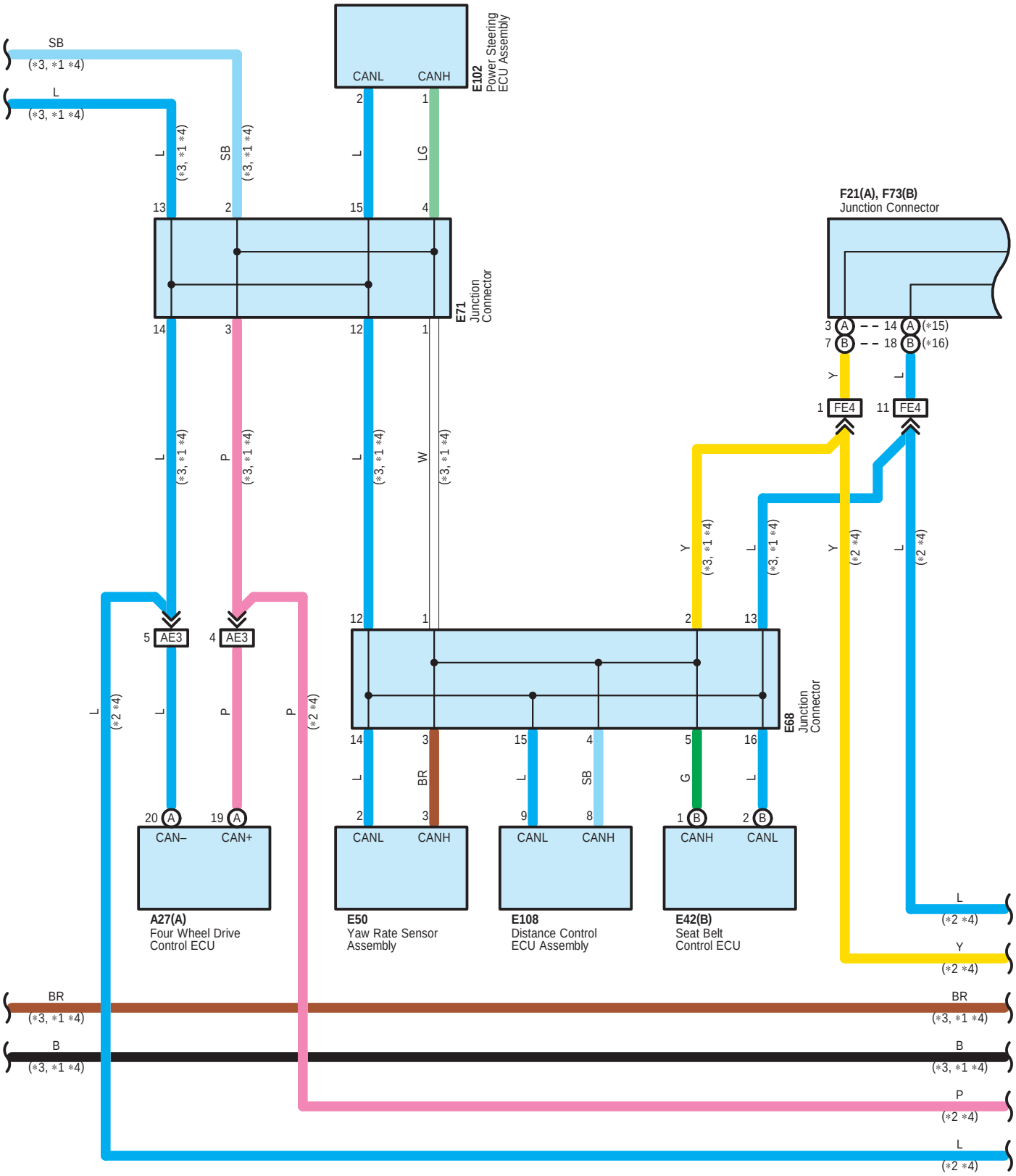


L 40
White

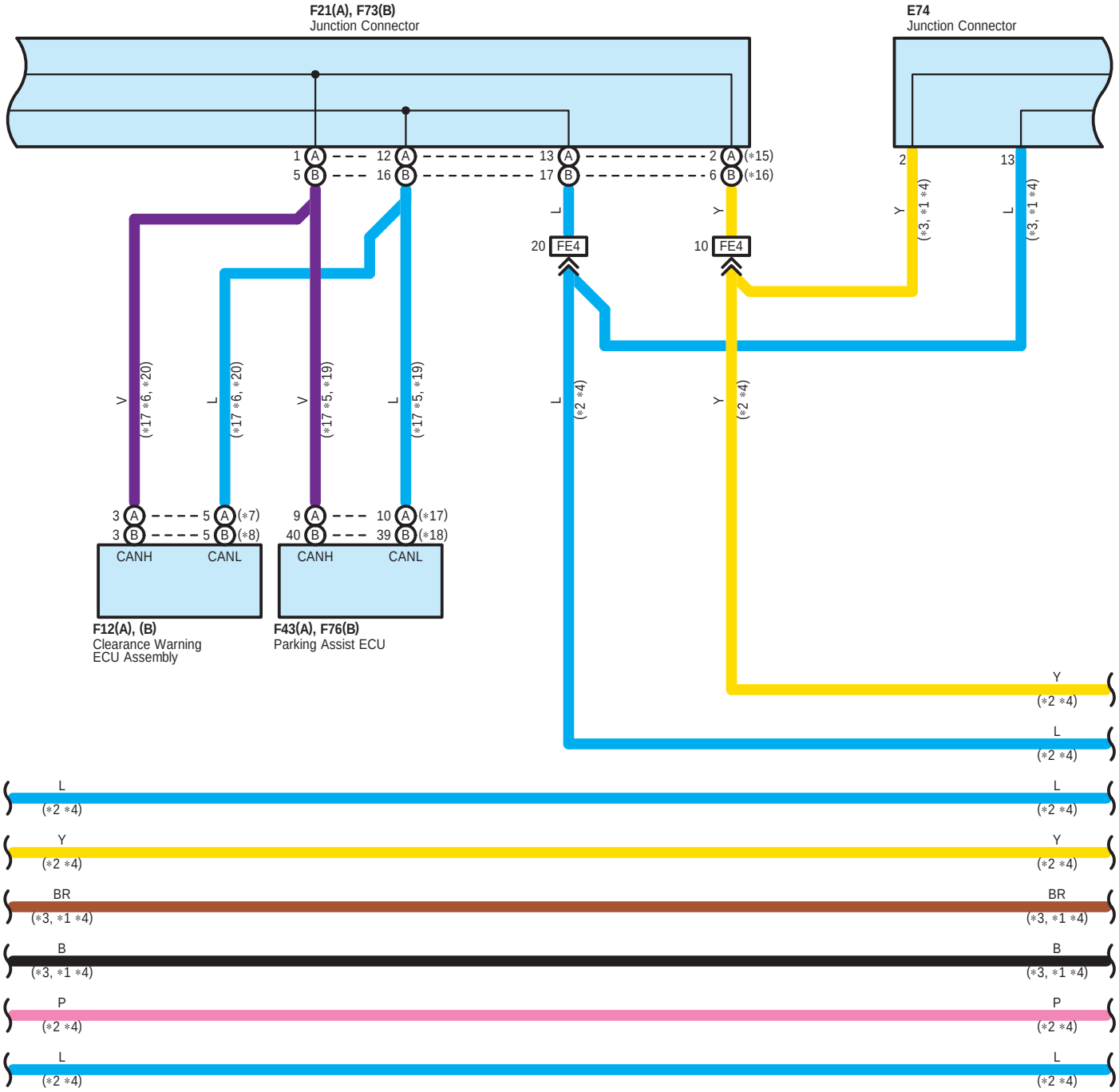


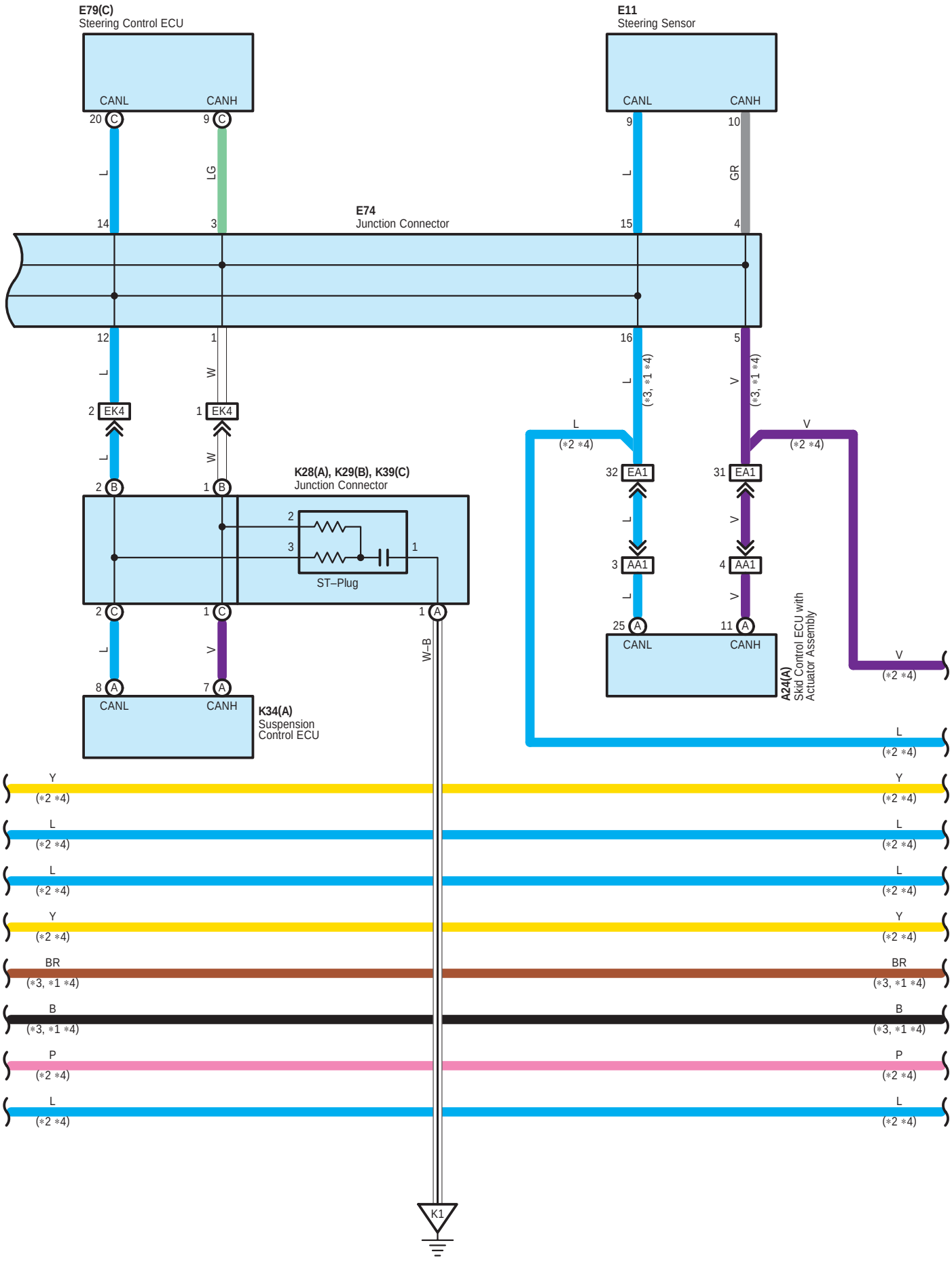

FL1
White
Blue
1 2 3 4 5
6 7 8 9 10
11 12 13
14 15
16 17
18 19
20 21
22 23
24 25
26 27 28
29 30 31
32 33
34 35
36 37
38 39 40 41 42
43 44 45 46 47
48 49 50 51 52
53 54
55 56
13 12 11
5 4 3 2 1
10 9 8 7 6
21 20
23 22
25 24
15 14
17 16
19 18
54 53
56 55
42 41 40 39 38
47 46 45 44 43
52 51 50 49 48
33 32
35 34
37 36
28 27 26
31 30 29

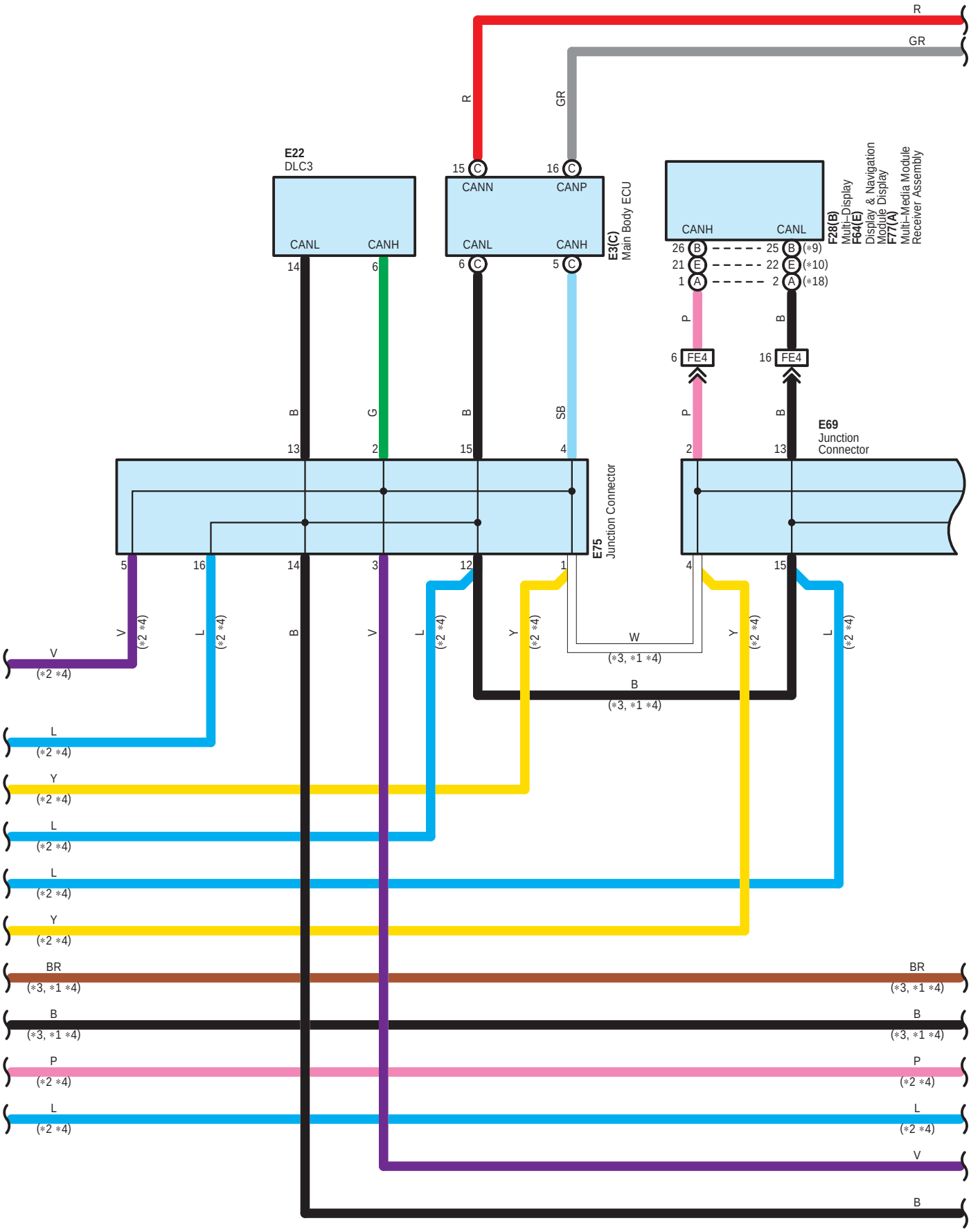

(BAT)
(IG)
(ACC)
(IG)
5A
ECU–B1
5A
ECU–IG
No. 1
7. 5A
ACC
10A
IGN
SB
(*3, *1 *4)
L
(*3, *1 *4)
R–L
G
GR
B
R
E59
Junction
Connector
E61
Junction
Connector
E60(A)
Junction
Connector
E31
Network Gateway ECU
BATT
IG1
ACC
IG2
CA2H
CA2L
GND
CA1L
CA1H
W–B
BR
E62
Junction
Connector
E1
* 1 : Before Apr. 2010 Production
* 2 : From Apr. 2010 Production
* 3 : w/ VSC
* 4 : w/o VSC
*15 : Before Jan. 2012 Production Liftgate Type
*16 : From Jan. 2012 Production Liftgate Type, Swing Type
*17 : Before Jan. 2012 Production
*18 : From Jan. 2012 Production

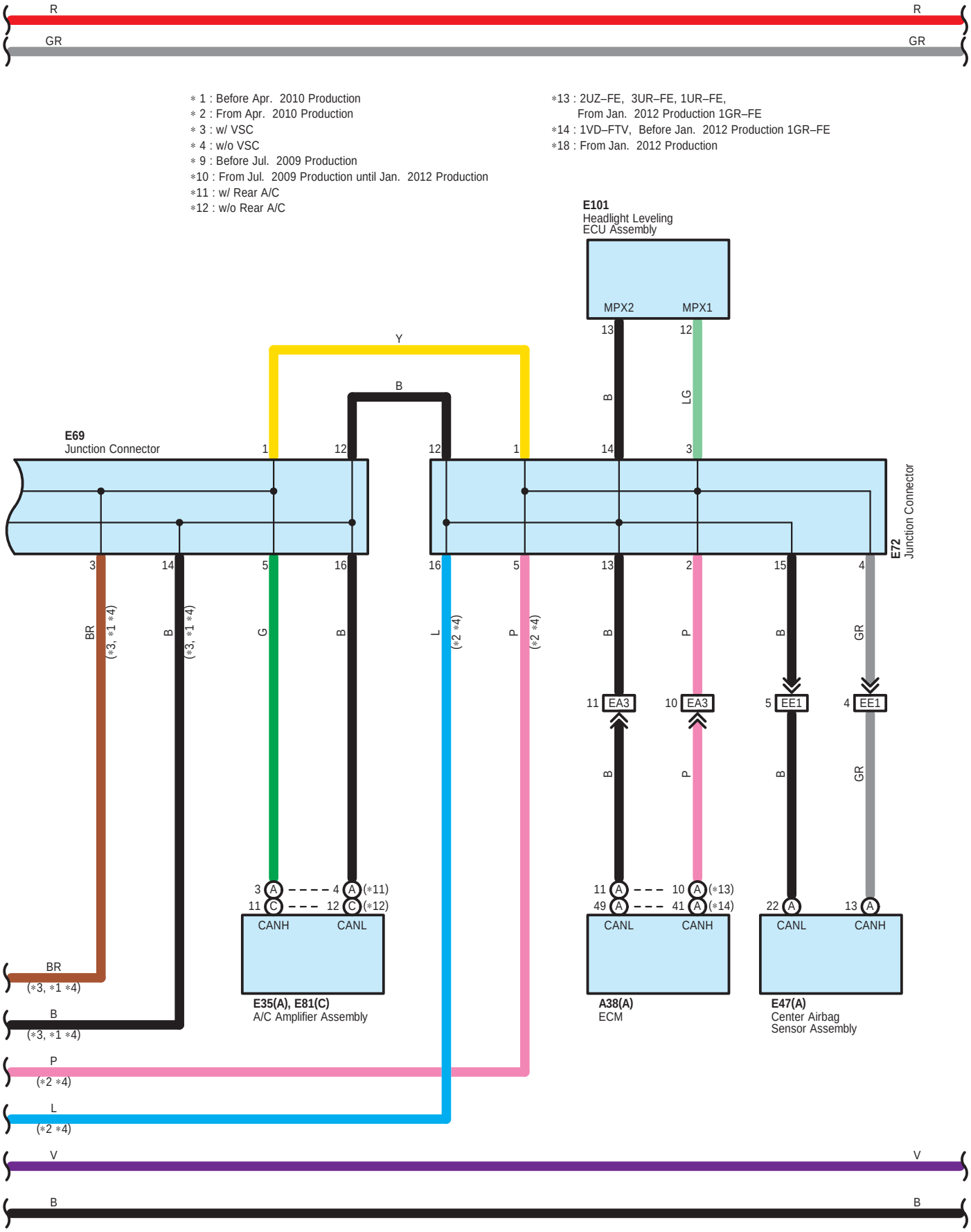

SB
(*3, *1 *4)
L
(*3, *1 *4)
CANL
CANH
E102
Power Steering
ECU Assembly
F21(A), F73(B)
Junction Connector
E71
Junction
Connector
(*15)
(*16)
FE4
AE3
E68
Junction
Connector
(*2 *4)
A27(A)
Four Wheel Drive
Control ECU
CAN–
CAN+
E50
Yaw Rate Sensor
Assembly
E108
Distance Control
ECU Assembly
E42(B)
Seat Belt
Control ECU
BR
B
P
Y
G
W
LG

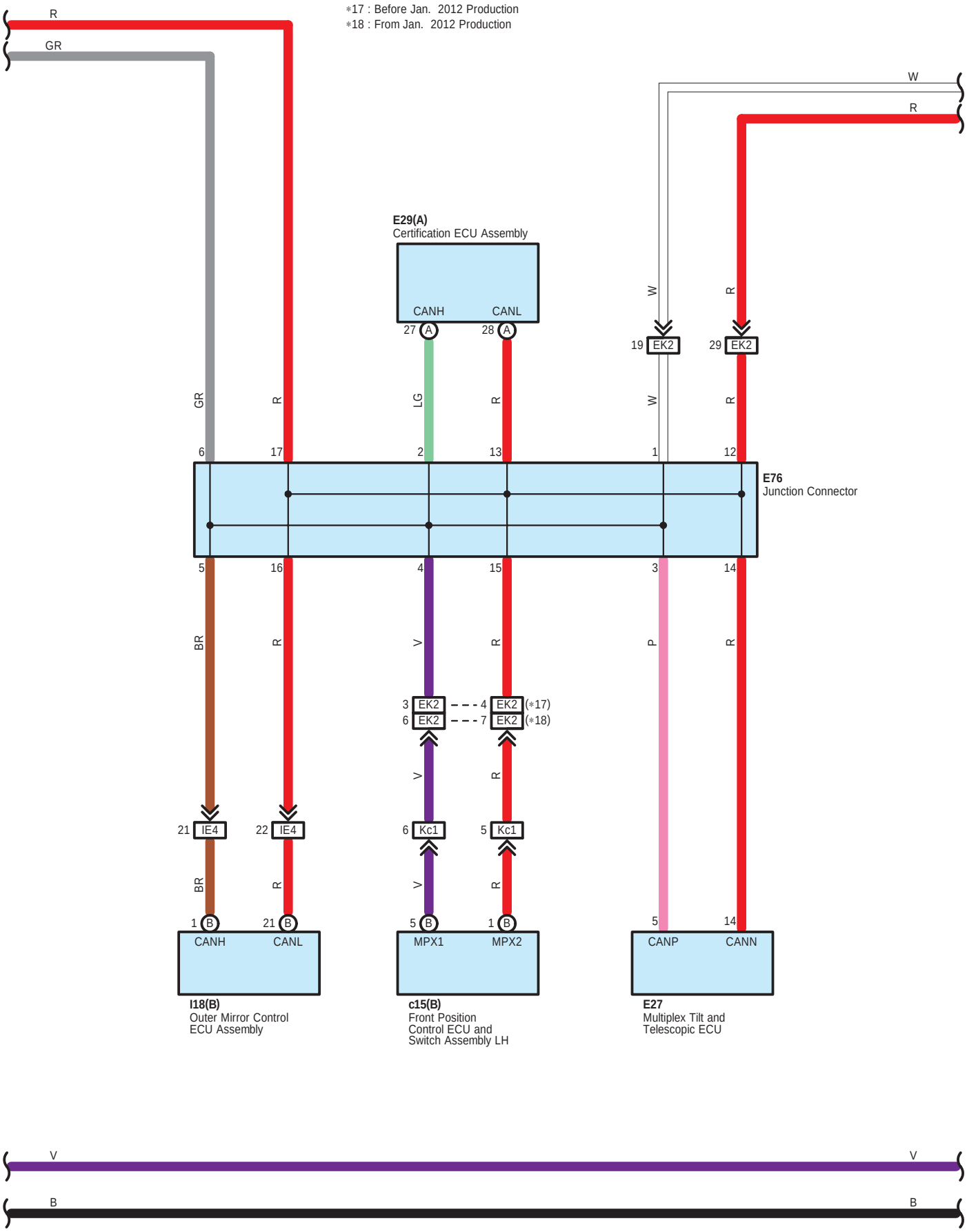
∗ 1 : Before Apr. 2010 Production
∗ 2 : From Apr. 2010 Production
∗ 3 : w/ VSC
∗ 4 : w/o VSC
∗ 5 : w/ Back Guide Monitor
∗ 6 : w/o Back Guide Monitor
∗ 7 : Before Aug. 2007 Production
∗ 8 : From Aug. 2007 Production
∗15 : Before Jan. 2012 Production Liftgate Type
∗16 : From Jan. 2012 Production Liftgate Type, Swing Type
∗17 : Before Jan. 2012 Production
∗18 : From Jan. 2012 Production
∗19 : w/ Multi–Terrain Monitor
∗20 : From Jan. 2012 Production w/o Multi–Terrain Monitor

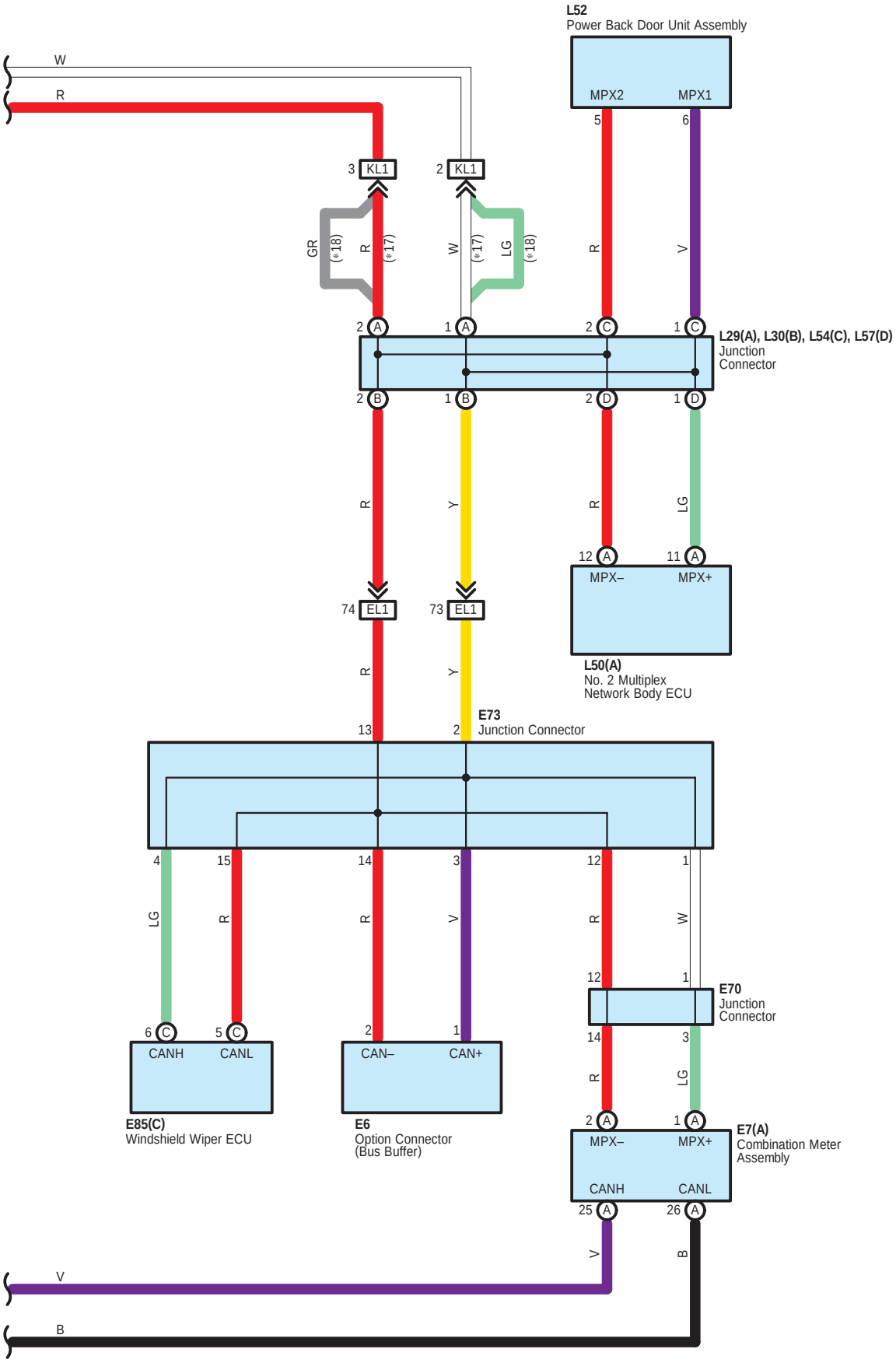



E79(C)
Steering Control ECU
CANL
CANH
20 C
9 C
L
LG
14
3
E74
Junction Connector
E11
Steering Sensor
CANL
CANH
9
10
L
GR
15
4
12
1
L
W
2 EK4
1 EK4
L
W
2 B
1 B
K28(A), K29(B), K39(C)
Junction Connector
2
3
1
ST–Plug
2 C
1 C
1 A
L
V
W–B
8 A
7 A
CANL
CANH
K34(A)
Suspension
Control ECU
16
5
L
(*3, *1 *4)
V
(*3, *1 *4)
L
(*2 *4)
V
(*2 *4)
32 EA1
31 EA1
L
V
3 AA1
4 AA1
L
V
25 A
11 A
CANL
CANH
A24(A)
Skid Control ECU with
Actuator Assembly
V
(*2 *4)
L
(*2 *4)
Y
(*2 *4)
L
(*2 *4)
L
(*2 *4)
Y
(*2 *4)
BR
(*3, *1 *4)
B
(*3, *1 *4)
P
(*2 *4)
L
(*2 *4)
K1

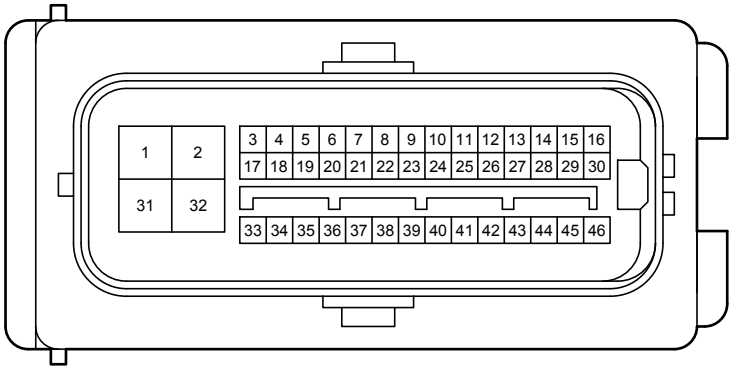

R
GR
E22
DLC3
CANL
CANH
14
6
15 C
16 C
CANN
CANP
CANL
CANH
6 C
5 C
E3(C)
Main Body ECU
CANH
CANL
26 B
25 B (*9)
21 E
22 E (*10)
1 A
2 A (*18)
F28(B)
Multi-Display
F64(E)
Display & Navigation Module Display
F77(A)
Multi-Media Module Receiver Assembly
P
B
6 FE4
16 FE4
B
G
B
SB
P
B
13
2
15
4
2
13
E69
Junction Connector
E75
Junction Connector
5
16
14
3
12
1
4
15
V (*2 *4)
L (*2 *4)
B
V
L (*2 *4)
Y (*2 *4)
W (*3, *1 *4)
Y (*2 *4)
L (*2 *4)
B (*3, *1 *4)
V (*2 *4)
L (*2 *4)
Y (*2 *4)
L (*2 *4)
L (*2 *4)
Y (*2 *4)
BR (*3, *1 *4)
B (*3, *1 *4)
P (*2 *4)
L (*2 *4)
BR (*3, *1 *4)
B (*3, *1 *4)
P (*2 *4)
L (*2 *4)
V
B


R
R
GR
GR
∗1 : Before Apr. 2010 Production
∗2 : From Apr. 2010 Production
∗3 : w/ VSC
∗4 : w/o VSC
∗9 : Before Jul. 2009 Production
∗10 : From Jul. 2009 Production until Jan. 2012 Production
∗11 : w/ Rear A/C
∗12 : w/o Rear A/C
∗13 : 2UZ–FE, 3UR–FE, 1UR–FE, From Jan. 2012 Production 1GR–FE
∗14 : 1VD–FTV, Before Jan. 2012 Production 1GR–FE
∗18 : From Jan. 2012 Production
E101
Headlight Leveling ECU Assembly
MPX2
MPX1
13
12
B
LG
14
3
Y
B
E69
Junction Connector
1
12
12
1
E72
Junction Connector
3
14
5
16
16
5
13
2
15
4
BR
(∗3, ∗1 ∗4)
B
(∗3, ∗1 ∗4)
G
B
L
(∗2 ∗4)
P
(∗2 ∗4)
B
P
B
GR
11 EA3
10 EA3
5 EE1
4 EE1
B
P
B
GR
3 A 4 A (∗11)
11 C 12 C (∗12)
CANH
CANL
11 A 10 A (∗13)
49 A 41 A (∗14)
CANL
CANH
22 A 13 A
CANL
CANH
E35(A), E81(C)
A/C Amplifier Assembly
A38(A)
ECM
E47(A)
Center Airbag Sensor Assembly
BR
(∗3, ∗1 ∗4)
B
(∗3, ∗1 ∗4)
P
(∗2 ∗4)
L
(∗2 ∗4)
V
V
B
B

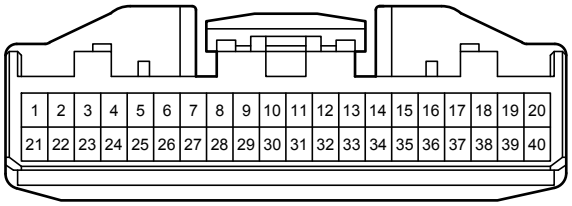

*17 : Before Jan. 2012 Production
*18 : From Jan. 2012 Production
R
GR
W
R
E29(A)
Certification ECU Assembly
CANH
CANL
27 A
28 A
19 EK2
29 EK2
W
R
GR
R
LG
R
W
R
6
17
2
13
1
12
E76
Junction Connector
5
16
4
15
3
14
BR
R
V
R
P
R
3 EK2
6 EK2
4 EK2 (*17)
7 EK2 (*18)
V
R
21 IE4
22 IE4
6 Kc1
5 Kc1
BR
R
V
R
1 B
21 B
5 B
1 B
5
14
CANH
CANL
MPX1
MPX2
CANP
CANN
I18(B)
Outer Mirror Control ECU Assembly
c15(B)
Front Position Control ECU and Switch Assembly LH
E27
Multiplex Tilt and Telescopic ECU
V
V
B
B


L52
Power Back Door Unit Assembly
MPX2
MPX1
W
R
3 KL1
2 KL1
GR (*18)
R (*17)
W (*17)
LG (*18)
L29(A), L30(B), L54(C), L57(D)
Junction Connector
74 EL1
73 EL1
MPX–
MPX+
L50(A)
No. 2 Multiplex Network Body ECU
E73
Junction Connector
E70
Junction Connector
CANH
CANL
CAN–
CAN+
E85(C)
Windshield Wiper ECU
E6
Option Connector (Bus Buffer)
E7(A)
Combination Meter Assembly
V
B

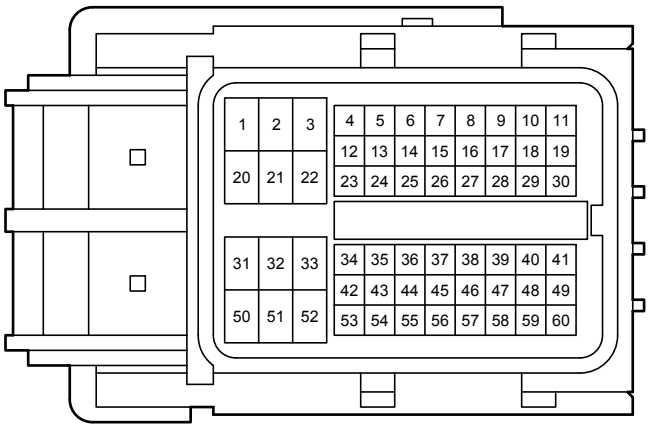
A 24
Black



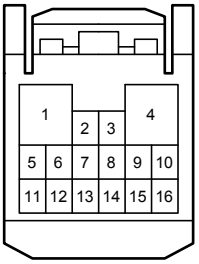
A 27
Black



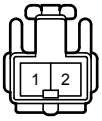
A 38
Black



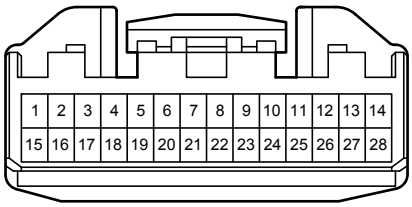
E 3
White



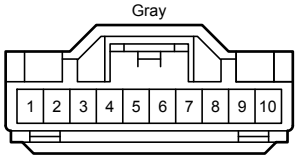
E 6
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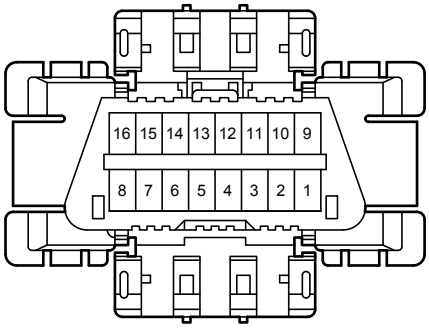
E 7
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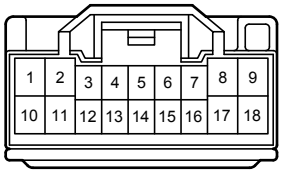
E 11
Gray



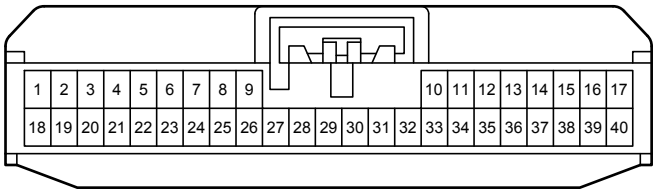
E 22
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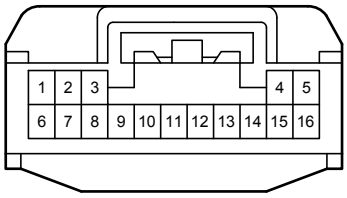
E 27
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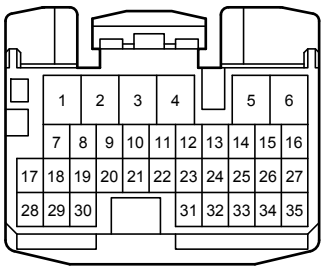
E 29
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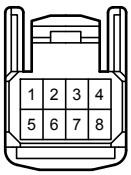
E 31
White



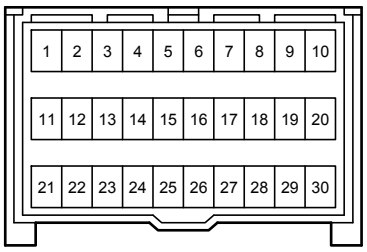
E 35
White



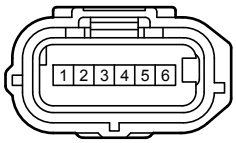
E 42
White



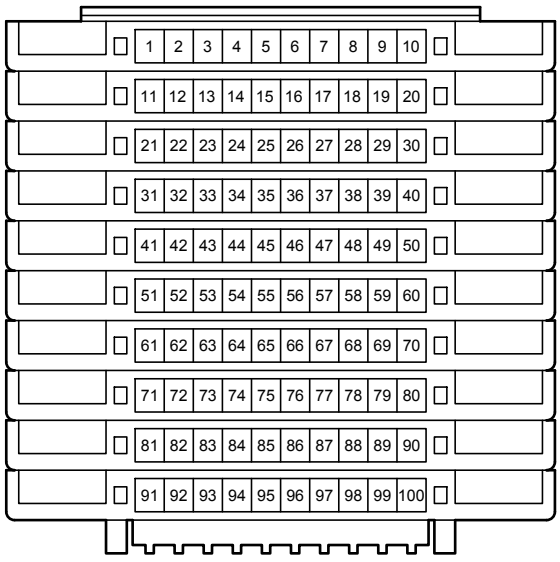
E 47
Yellow



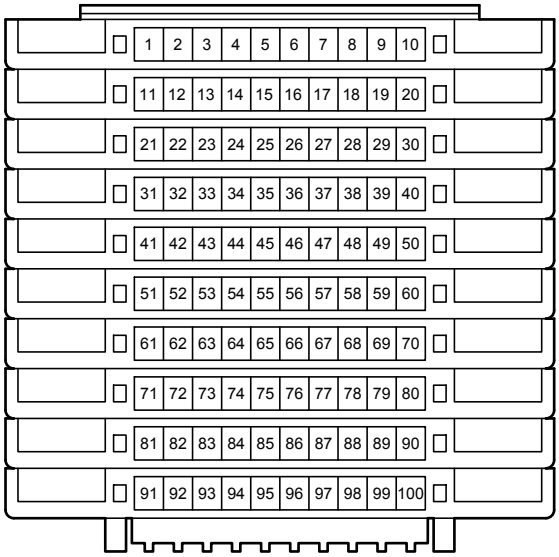
E 50
Black



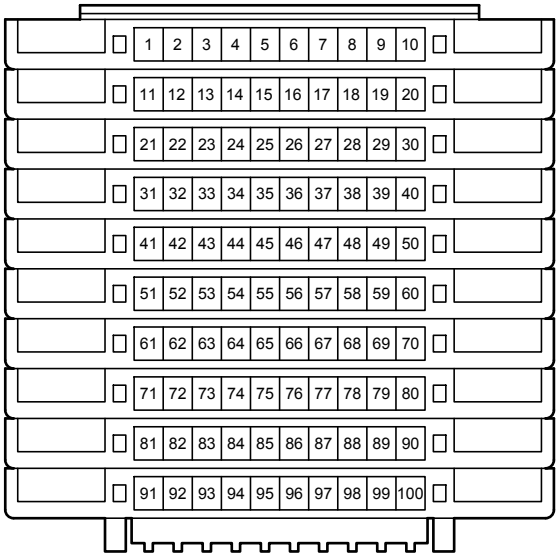
E 59



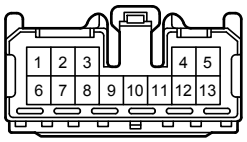
E 60



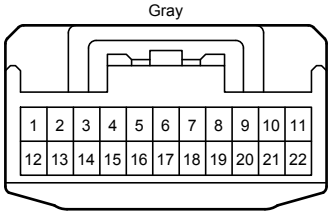
E 61



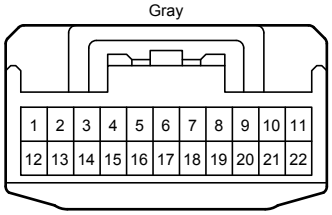
E 62
White



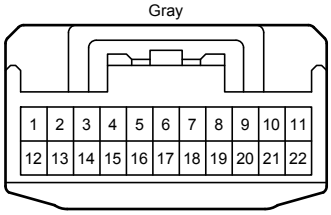
E 68
Gray



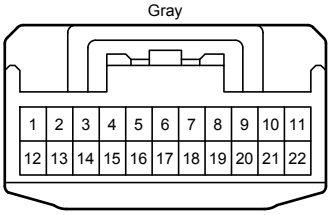
E 69
Gray



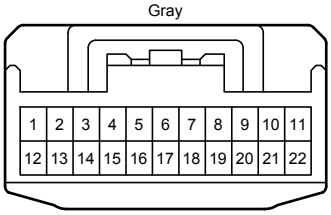
E 70
Gray



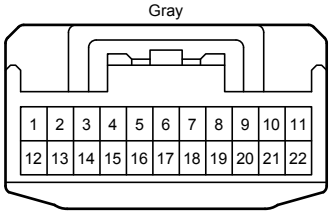
E 71
Gray



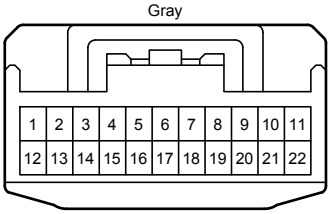
E 72
Gray



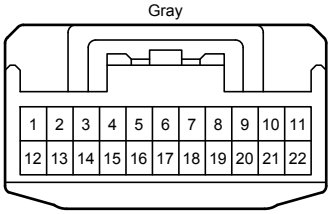
E 73
Gray



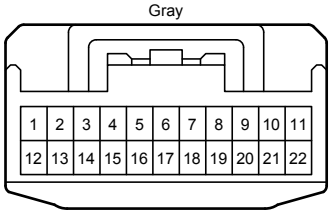
E 74
Gray



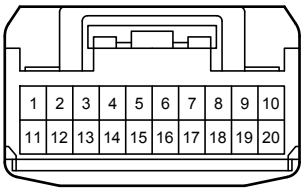
E 75
Gray



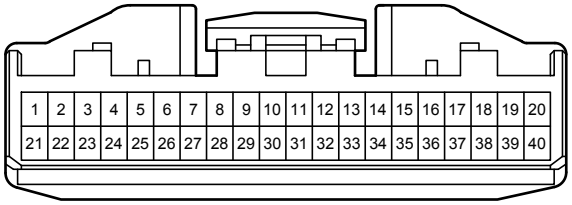
E 76
Gray



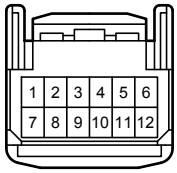
E 79
White



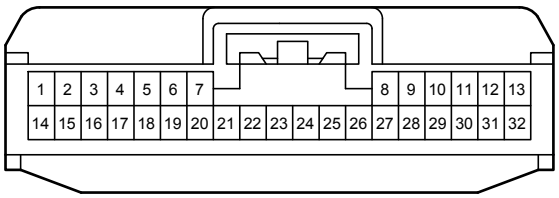
E 81
White



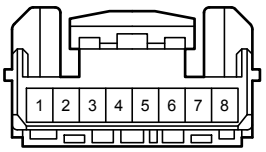
E 85
White



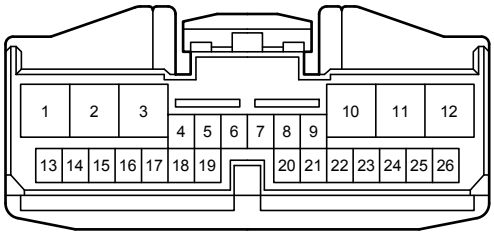
E101
White



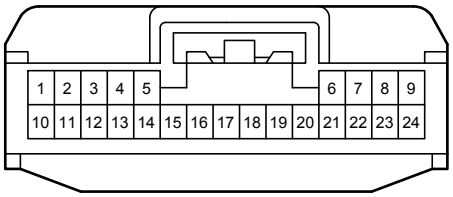
E102
White



E108
White

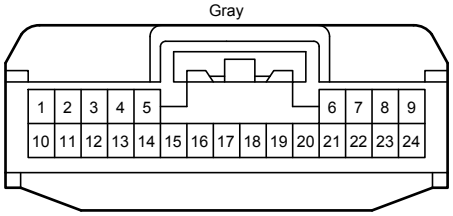


F 12
White



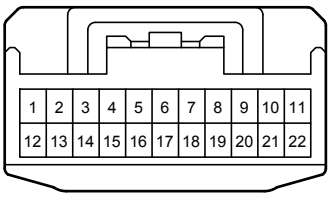
(Before Aug. 2007 Production)

F 12
Gray

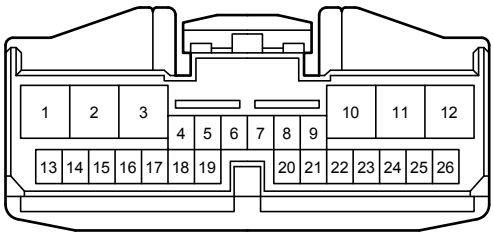


(From Aug. 2007 Production)

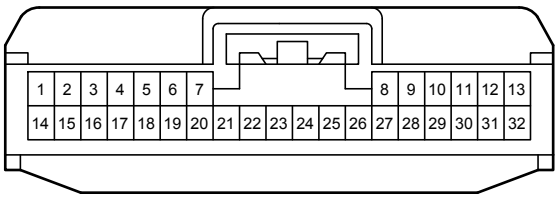
F 21
Black



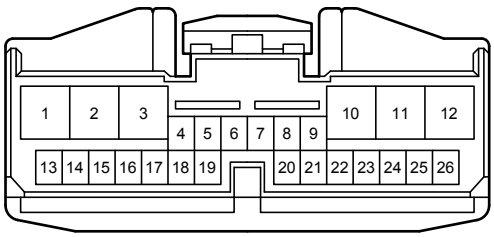
F 28
White



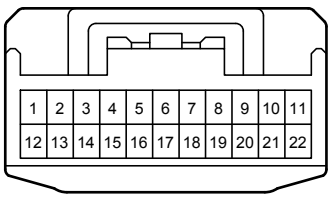
F 43
White



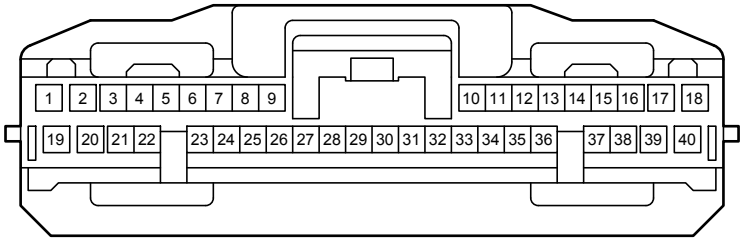
F 64
White



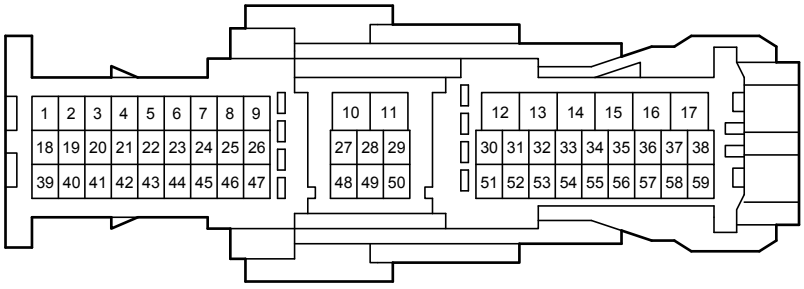
F 73
Blue



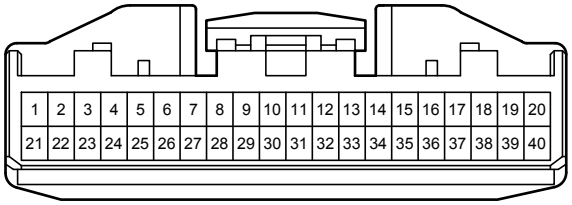
F 76
Black



F 77
White



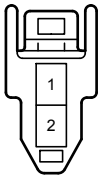
I 18
White



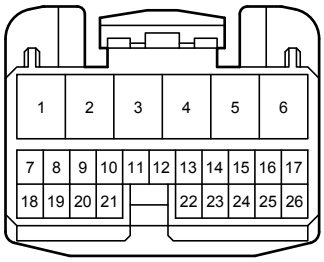
K 28
White



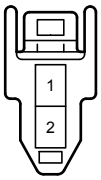
K 29
White



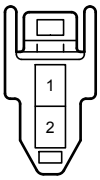
K 34
Black



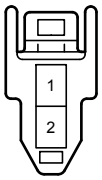
K 39
White



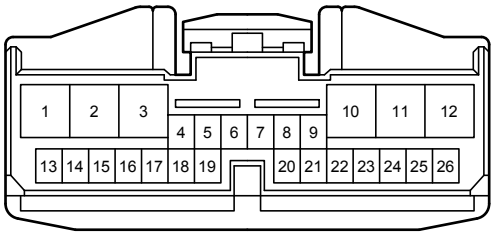
L 29
White



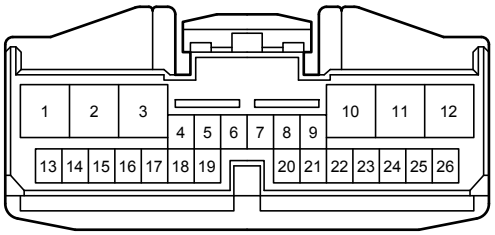
L 30
White



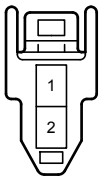
L 50
White



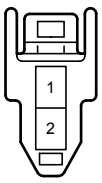
L 52
White



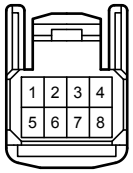
L 54
White



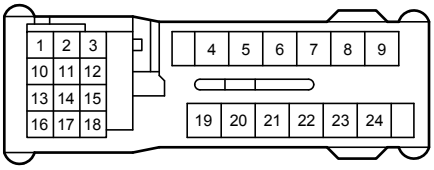
L 57
White



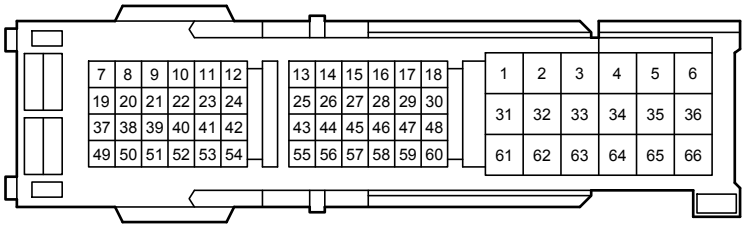
c 15
White



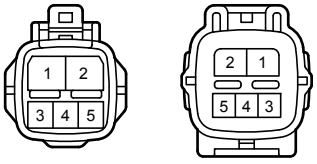
2B
White



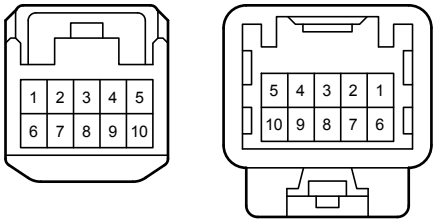
2D
White



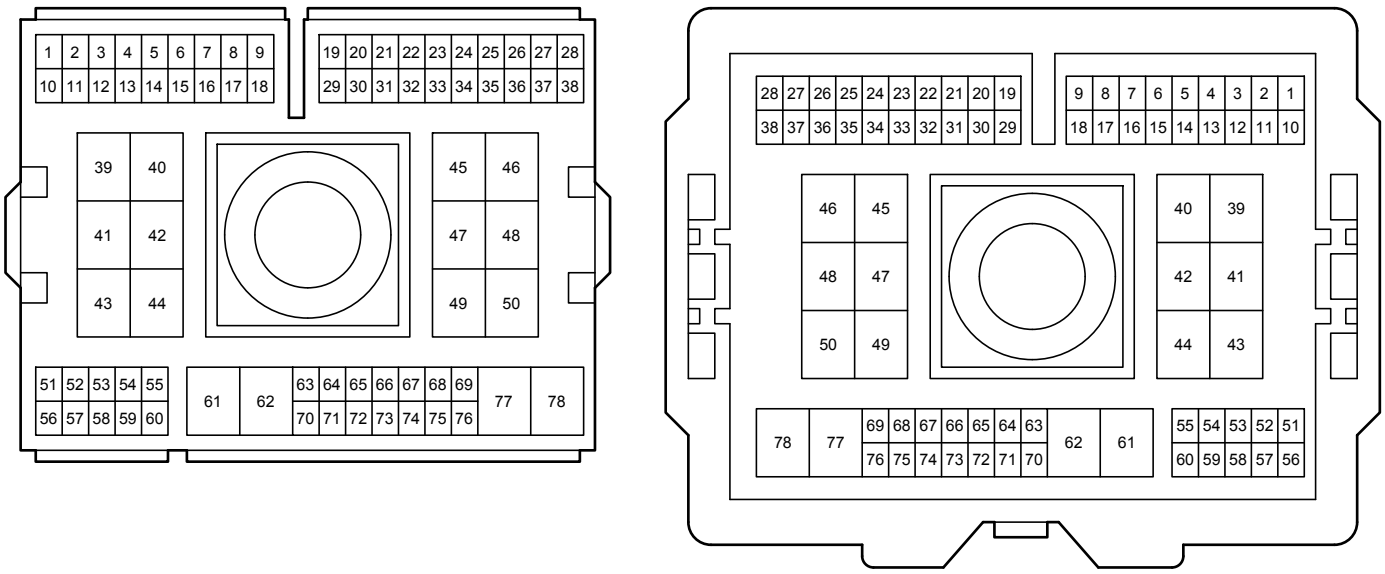
AA1
Gray



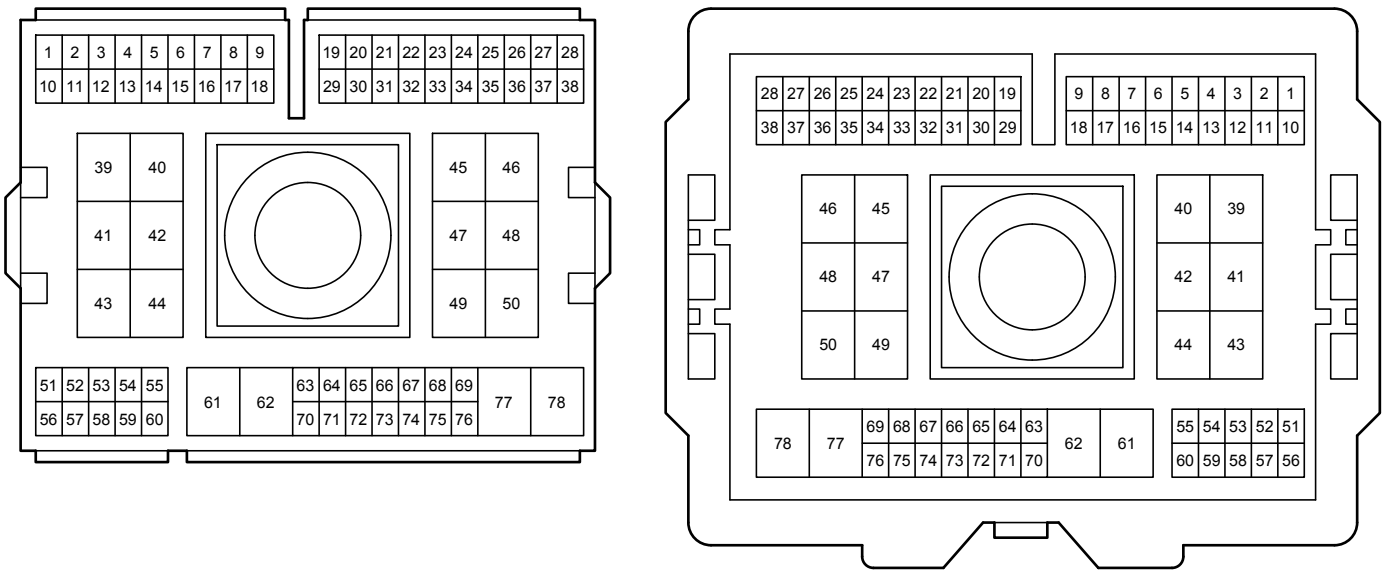
AE3
Gray



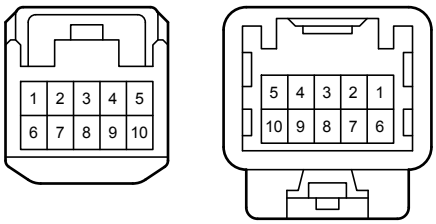
EA1
White



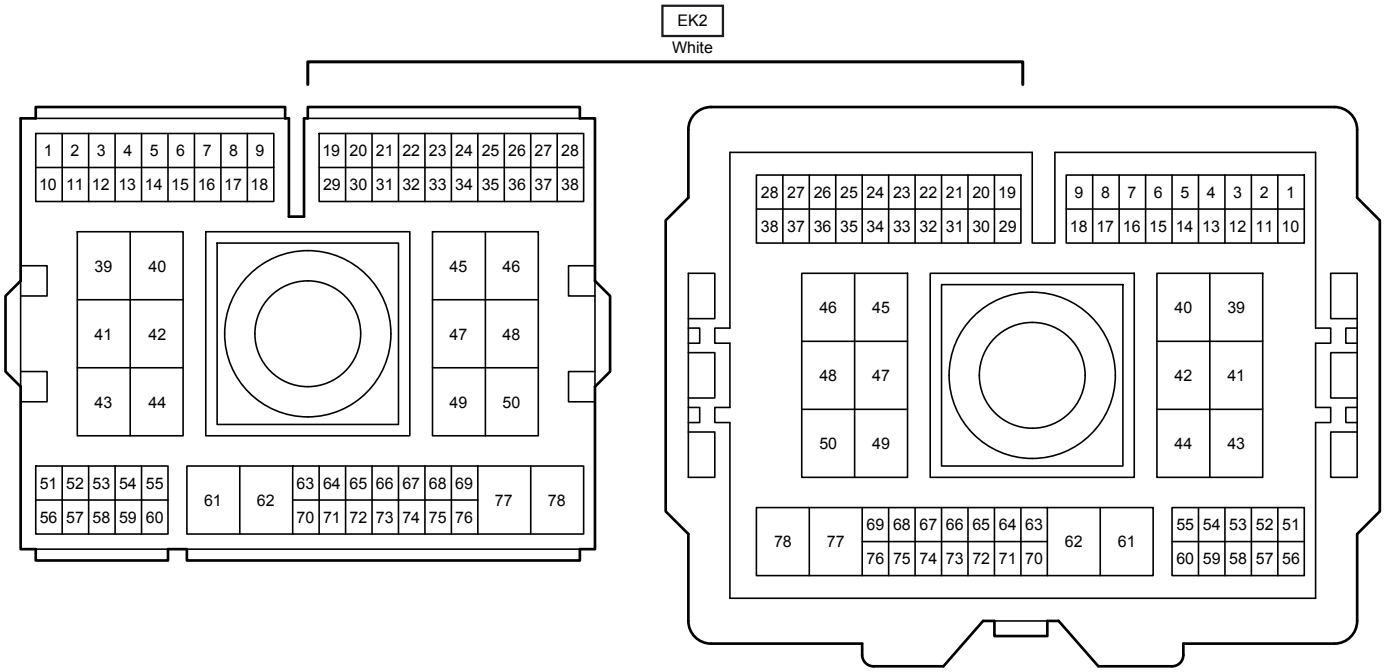
EA3
White



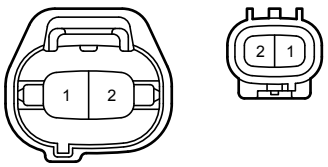
EE1
White



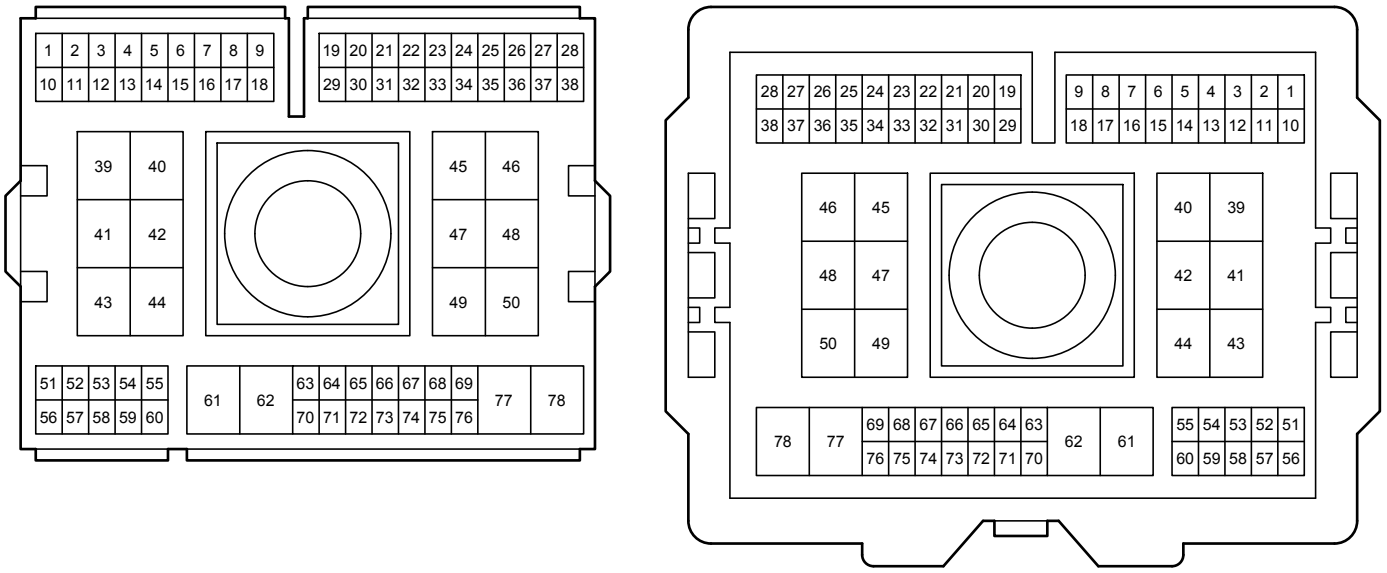
EK2
White



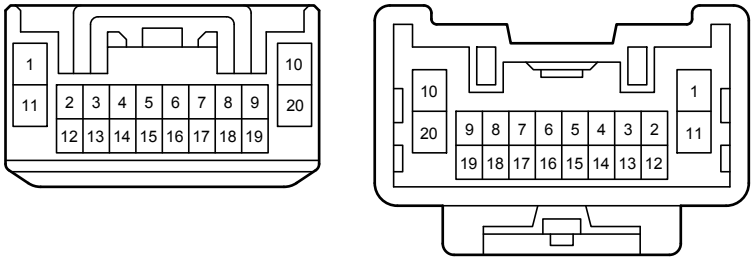
EK4
White



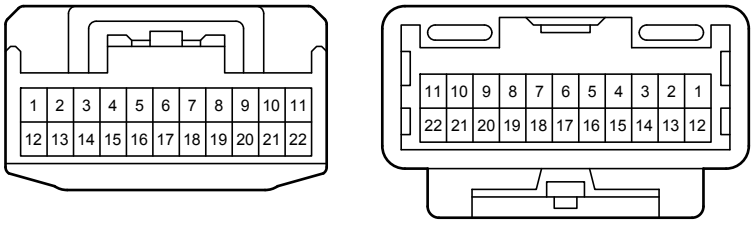
EL1
White

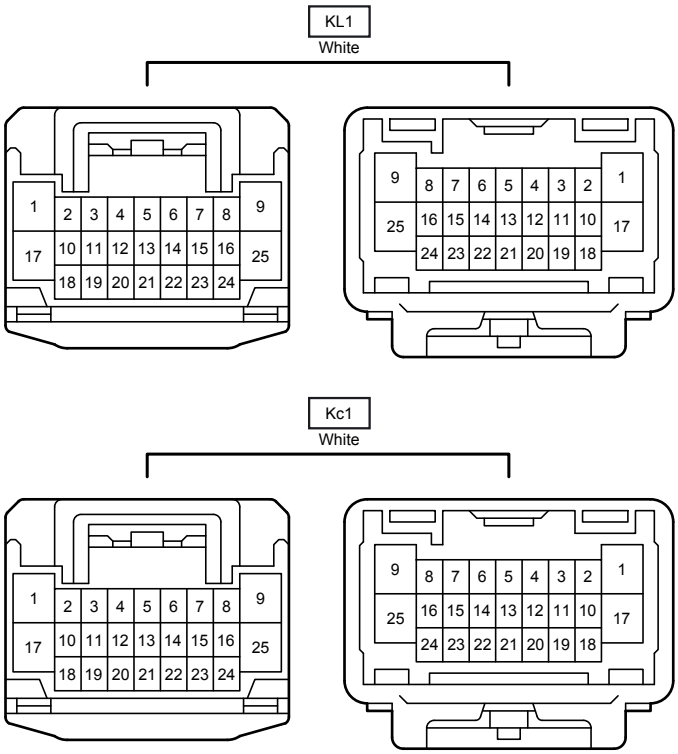


FE4
White

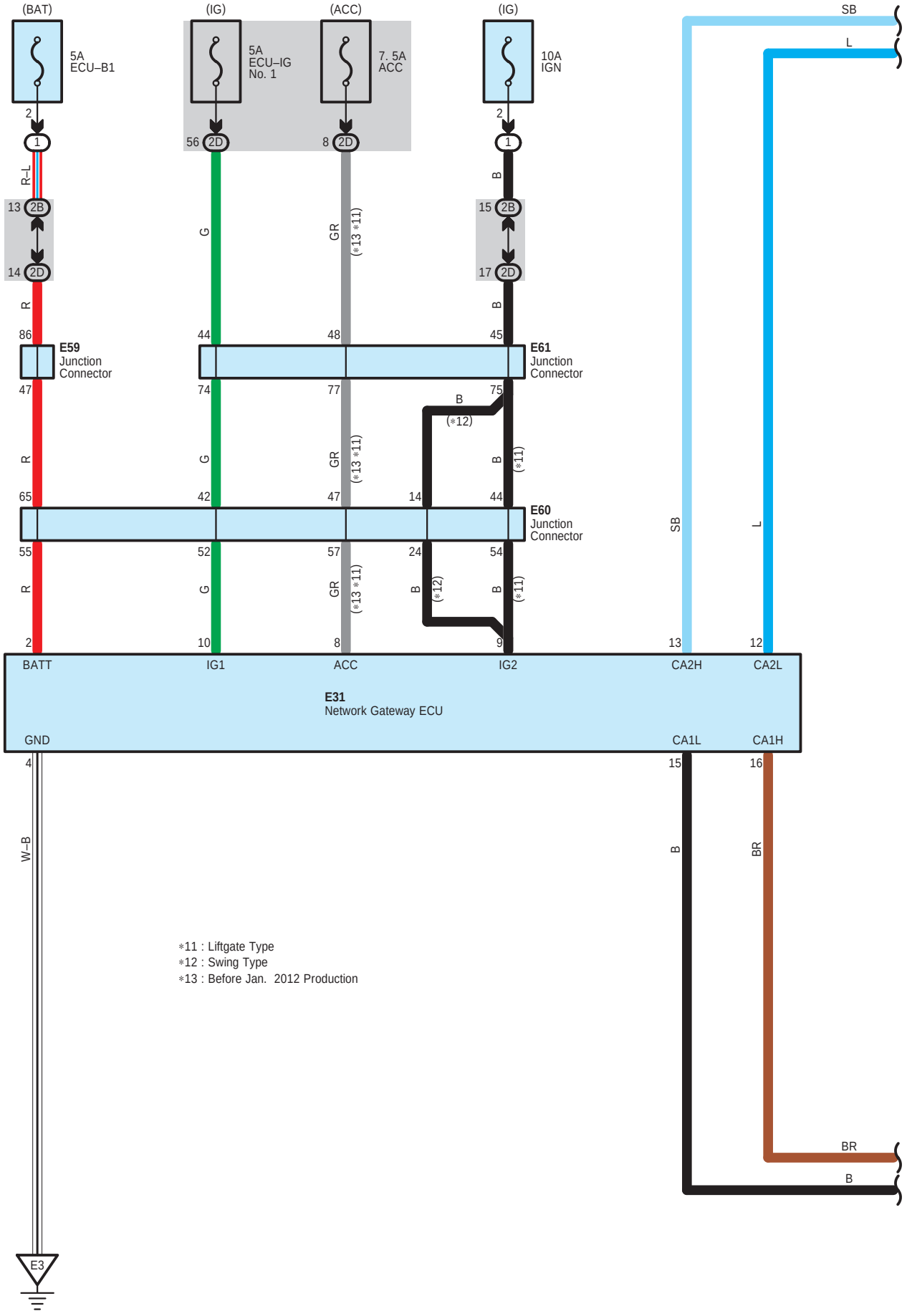


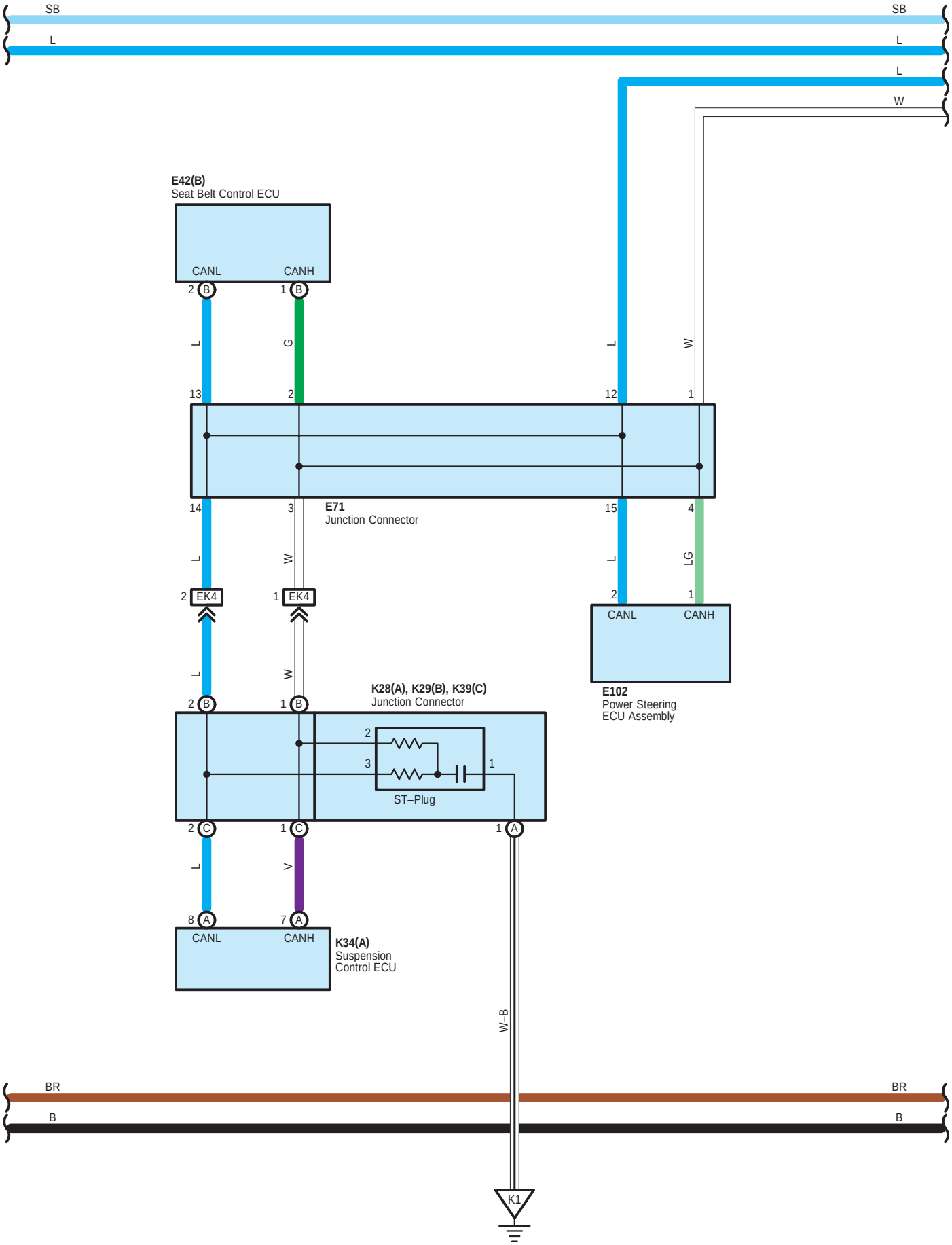
IE4
Gray

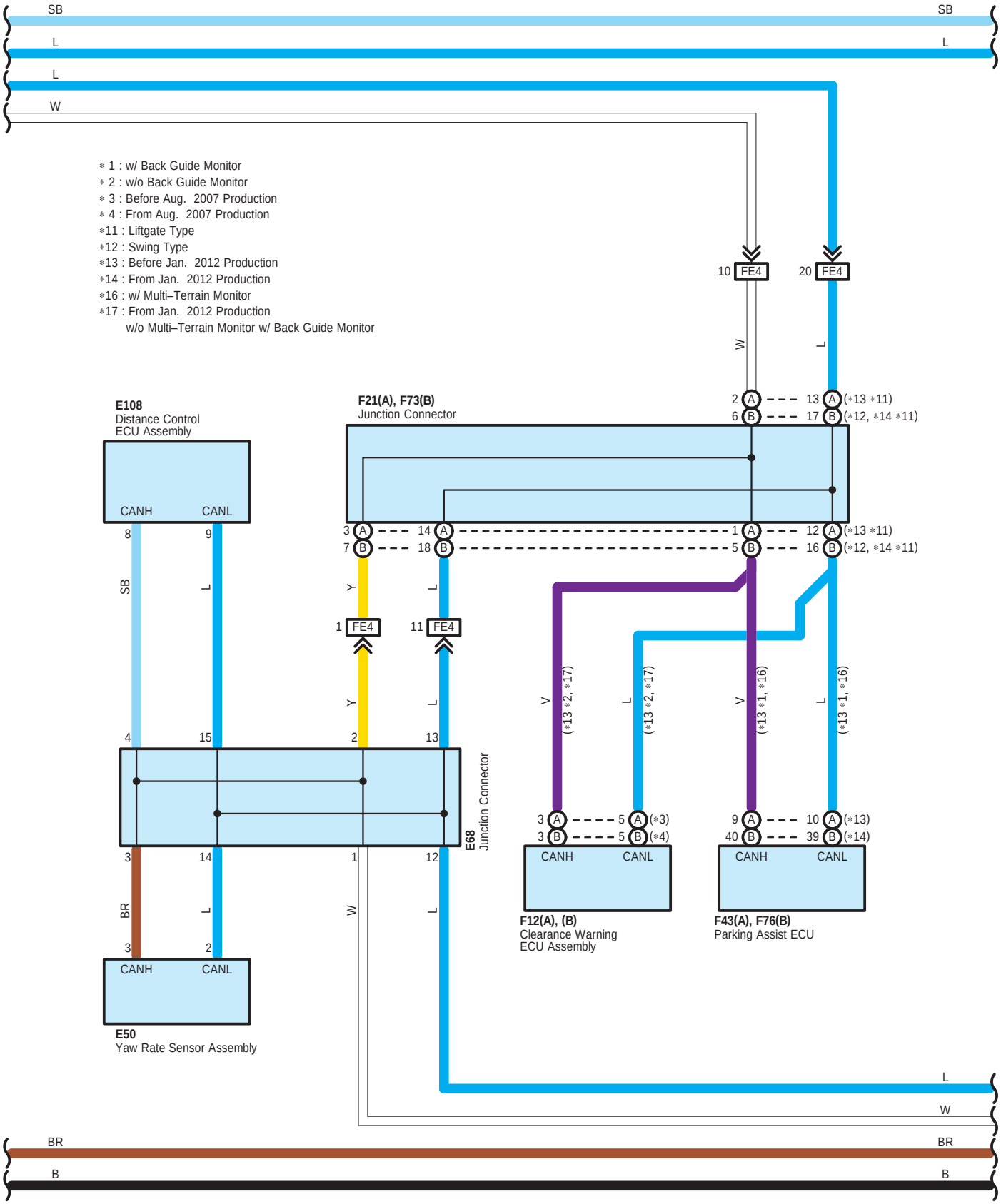


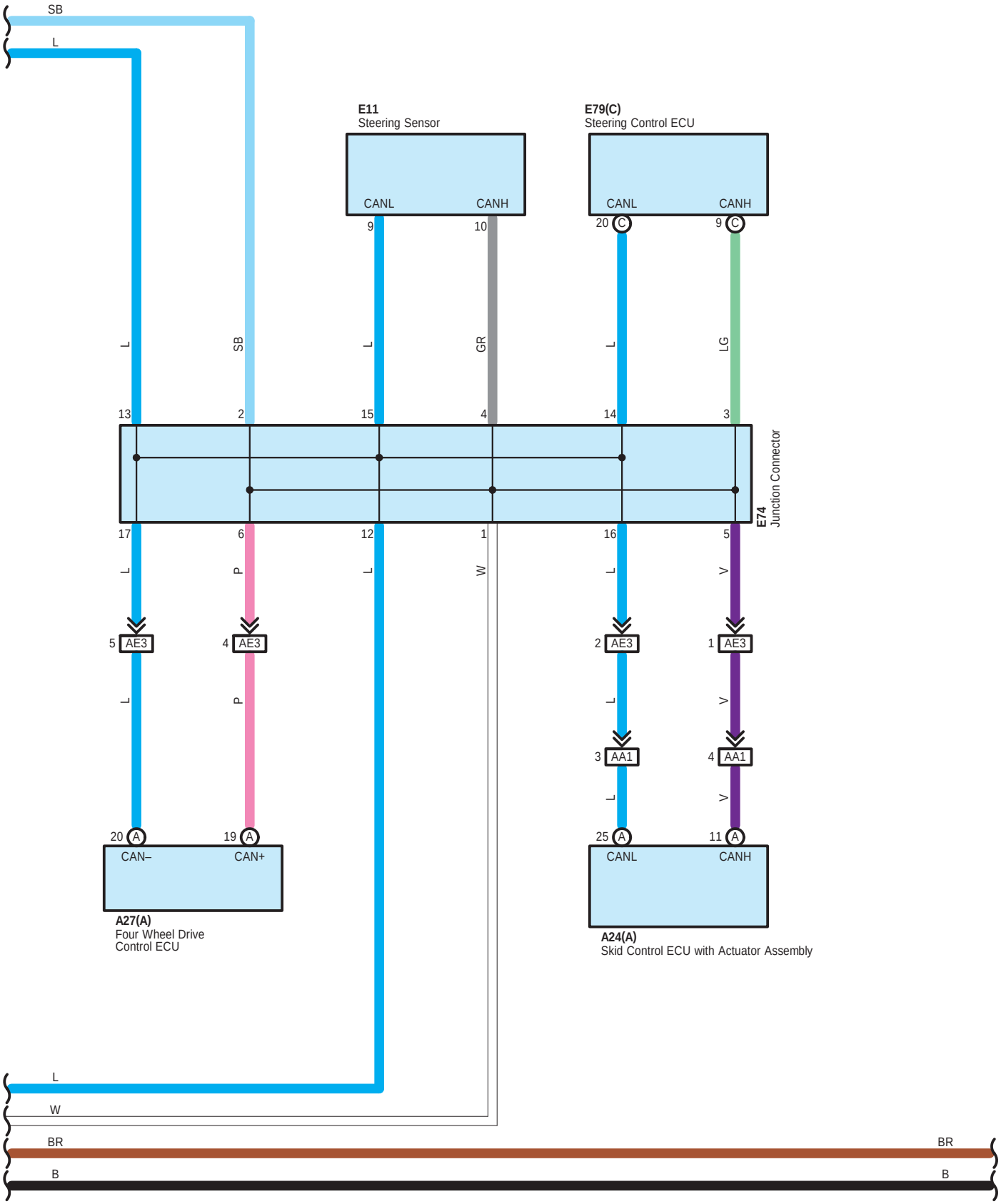

KL1
White
1
2
3
4
5
6
7
8
9
17
10
11
12
13
14
15
16
25
18
19
20
21
22
23
24
9
8
7
6
5
4
3
2
1
25
16
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13
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11
10
17
24
23
22
21
20
19
18

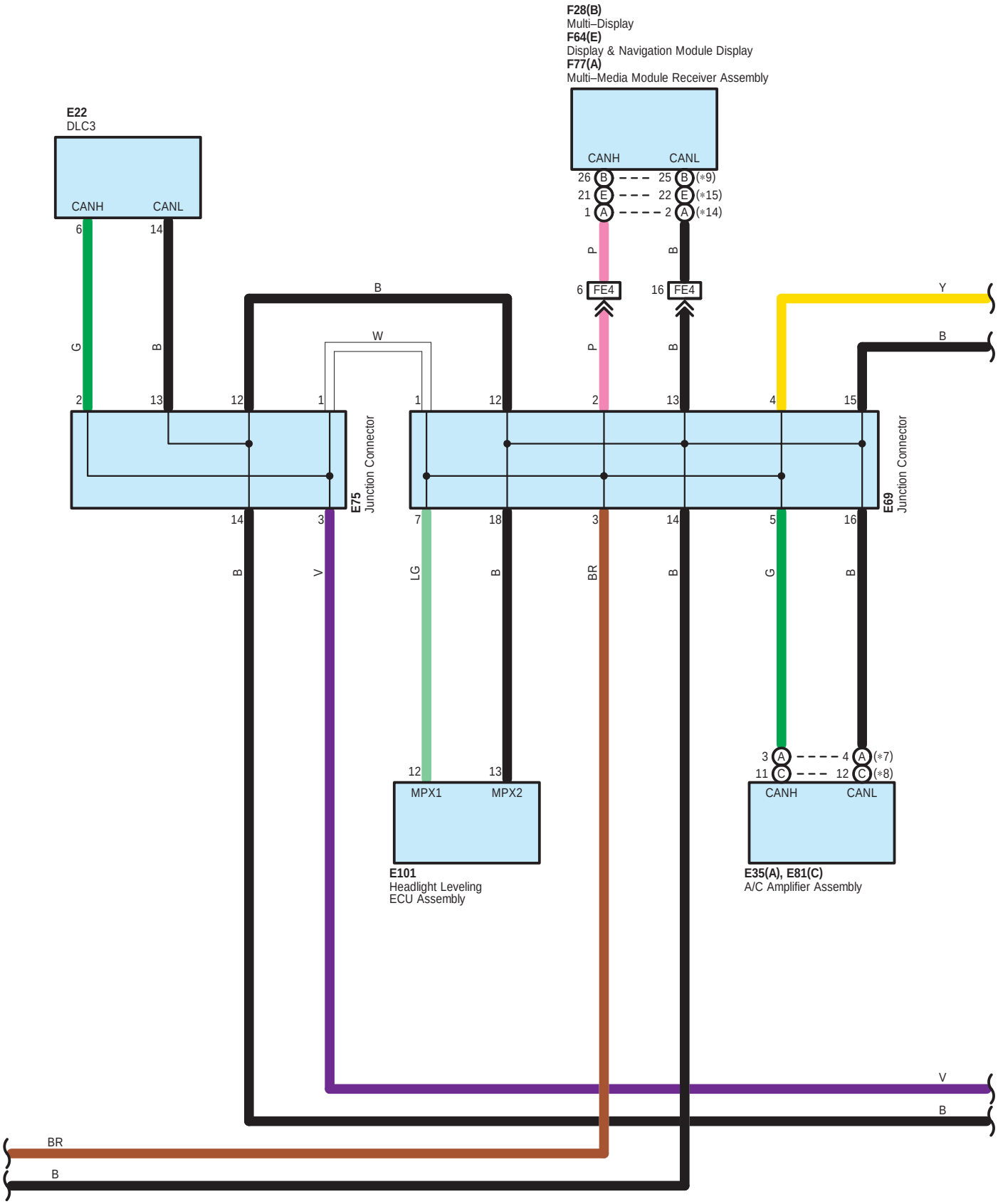
Kc1
White
1
2
3
4
5
6
7
8
9
17
10
11
12
13
14
15
16
25
18
19
20
21
22
23
24
9
8
7
6
5
4
3
2
1
25
16
15
14
13
12
11
10
17
24
23
22
21
20
19
18


(BAT)
(IG)
(ACC)
(IG)
5A
ECU–B1
5A
ECU–IG
No. 1
7. 5A
ACC
10A
IGN
SB
L
R–L
G
GR
(*13 *11)
B
R
E59
Junction
Connector
E61
Junction
Connector
(*12)
(*11)
E60
Junction
Connector
BATT
IG1
ACC
IG2
CA2H
CA2L
E31
Network Gateway ECU
GND
CA1L
CA1H
W–B
BR
E3
*11 : Liftgate Type
*12 : Swing Type
*13 : Before Jan. 2012 Production

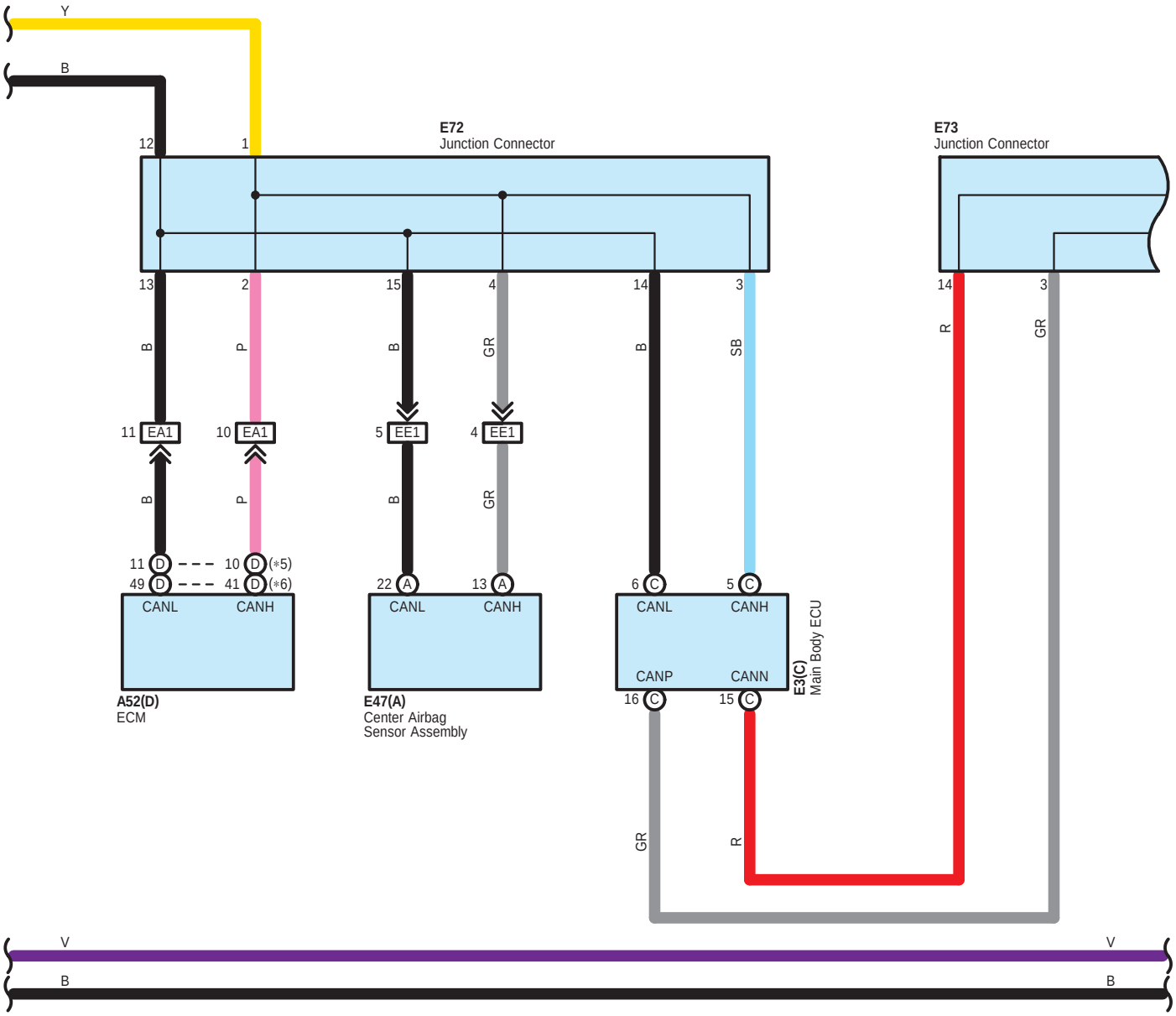

SB
L
SB
L
L
W
E42(B)
Seat Belt Control ECU
CANL
CANH
2 B
1 B
L
G
13
2
L
W
12
1
14
3
E71
Junction Connector
15
4
L
LG
2 EK4
1 EK4
2
1
CANL
CANH
E102
Power Steering
ECU Assembly
L
W
K28(A), K29(B), K39(C)
Junction Connector
2 B
1 B
2
3
1
ST–Plug
2 C
1 C
1 A
L
V
8 A
7 A
CANL
CANH
K34(A)
Suspension
Control ECU
W–B
BR
B
BR
B
K1

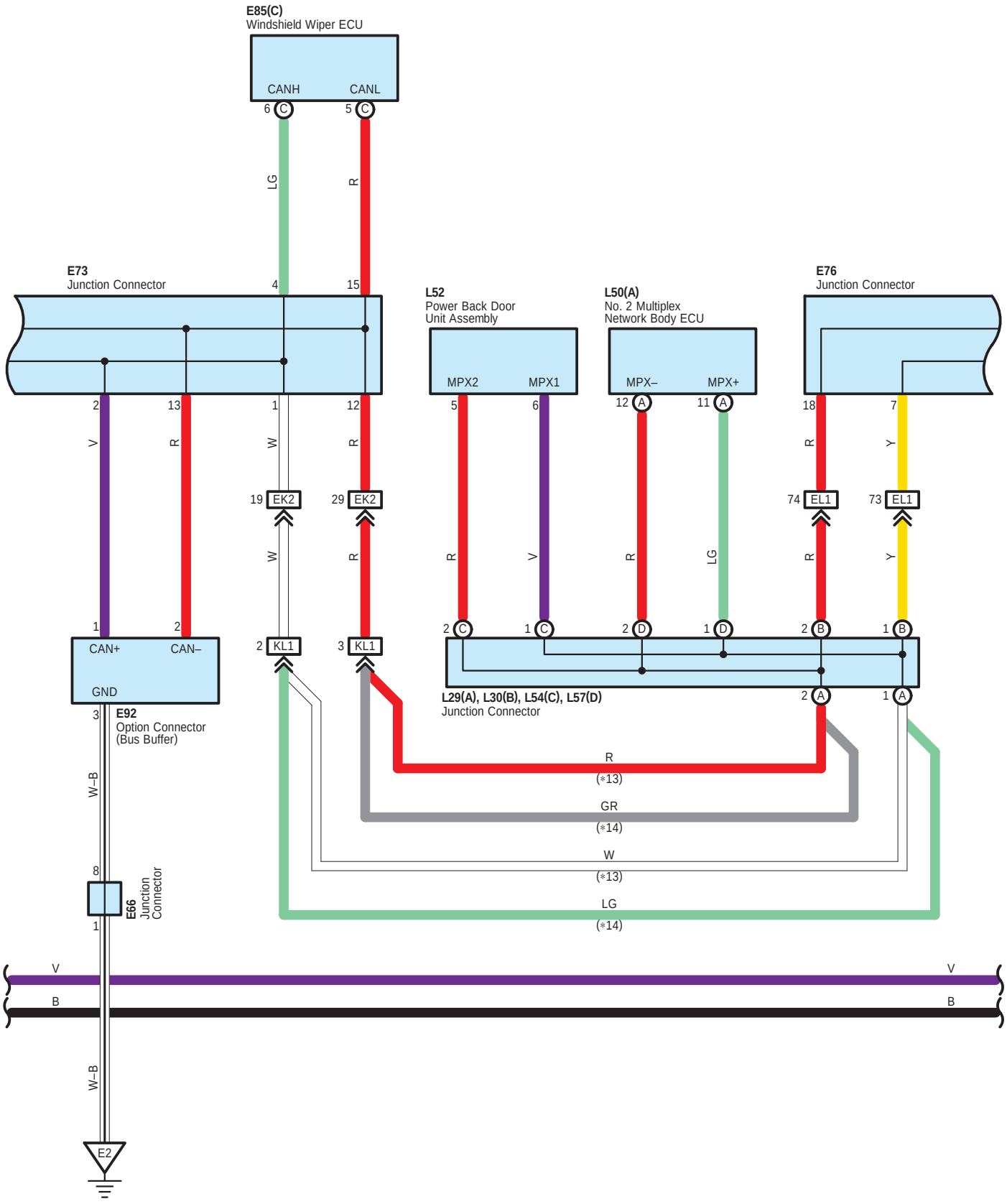

SB
L
L
W
∗ 1 : w/ Back Guide Monitor
∗ 2 : w/o Back Guide Monitor
∗ 3 : Before Aug. 2007 Production
∗ 4 : From Aug. 2007 Production
∗11 : Liftgate Type
∗12 : Swing Type
∗13 : Before Jan. 2012 Production
∗14 : From Jan. 2012 Production
∗16 : w/ Multi–Terrain Monitor
∗17 : From Jan. 2012 Production
w/o Multi–Terrain Monitor w/ Back Guide Monitor
10 FE4
20 FE4
W
L
E108
Distance Control
ECU Assembly
CANH
CANL
8
9
SB
L
F21(A), F73(B)
Junction Connector
2 A 13 A (∗13 ∗11)
6 B 17 B (∗12, ∗14 ∗11)
3 A 14 A 1 A 12 A (∗13 ∗11)
7 B 18 B 5 B 16 B (∗12, ∗14 ∗11)
Y
L
1 FE4
11 FE4
Y
L
4
15
2
13
E68
Junction Connector
3
14
1
12
BR
L
W
L
3
2
CANH
CANL
E50
Yaw Rate Sensor Assembly
V
L
V
L
(∗13 ∗2, ∗17)
(∗13 ∗2, ∗17)
(∗13 ∗1, ∗16)
(∗13 ∗1, ∗16)
3 A 5 A (∗3)
3 B 5 B (∗4)
9 A 10 A (∗13)
40 B 39 B (∗14)
CANH
CANL
CANH
CANL
F12(A), (B)
Clearance Warning
ECU Assembly
F43(A), F76(B)
Parking Assist ECU
L
W
BR
B
BR
B


SB
L
E11
Steering Sensor
CANL
CANH
9
10
E79(C)
Steering Control ECU
CANL
CANH
20 C
9 C
L
SB
L
GR
L
LG
13
2
15
4
14
3
E74
Junction Connector
17
6
12
1
16
5
L
P
L
W
L
V
5 AE3
4 AE3
2 AE3
1 AE3
L
P
L
V
3 AA1
4 AA1
L
V
20 A
19 A
25 A
11 A
CAN–
CAN+
CANL
CANH
A27(A)
Four Wheel Drive
Control ECU
A24(A)
Skid Control ECU with Actuator Assembly
L
W
BR
B
BR
B

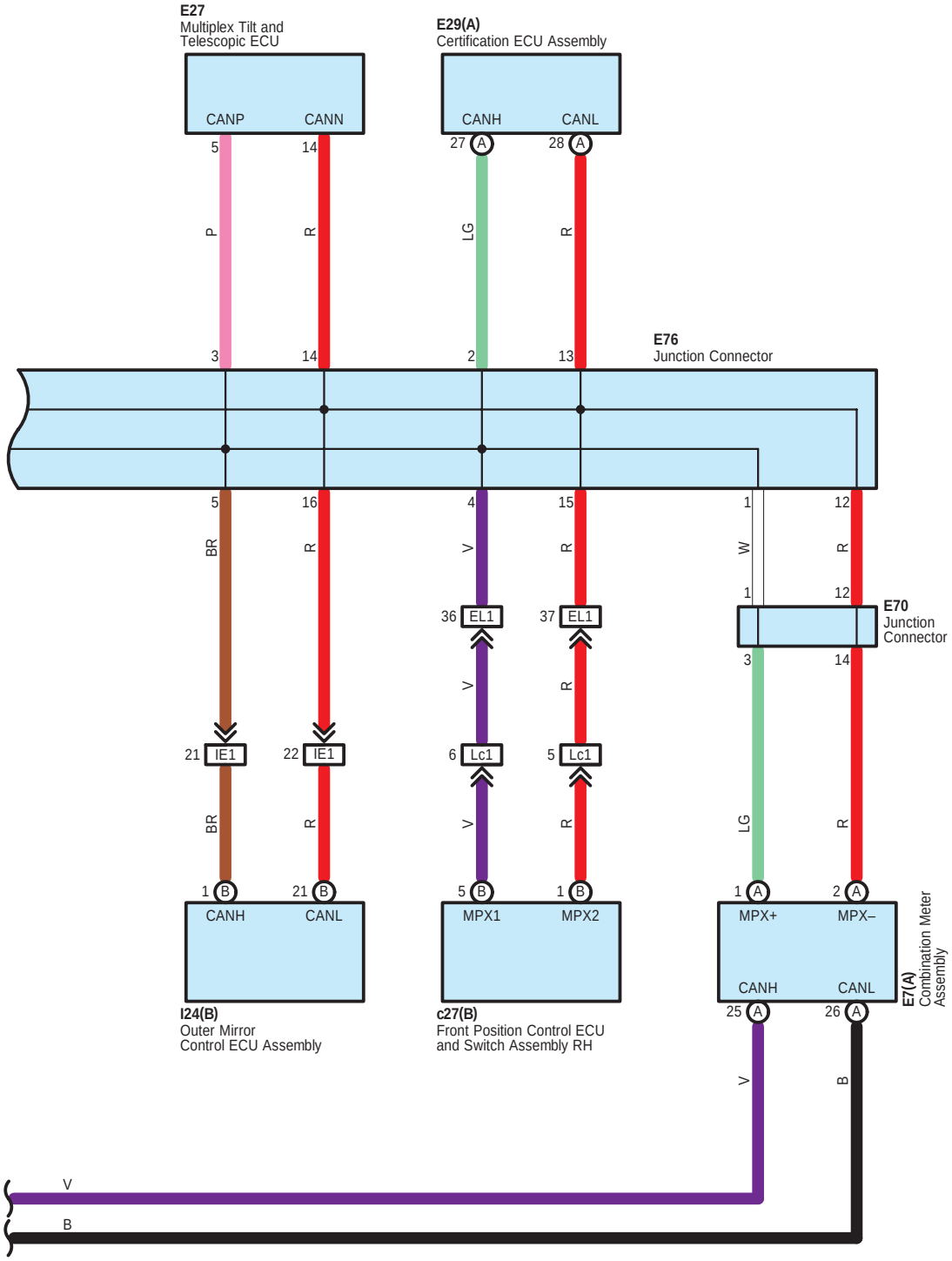

F28(B)
Multi–Display
F64(E)
Display & Navigation Module Display
F77(A)
Multi–Media Module Receiver Assembly
CANH
CANL
26 B
25 B (*9)
21 E
22 E (*15)
1 A
2 A (*14)
E22
DLC3
6
14
G
B
6 FE4
16 FE4
P
B
B
W
Y
B
2
13
12
1
1
12
2
13
4
15
E75
Junction Connector
E69
Junction Connector
14
3
7
18
3
14
5
16
B
V
LG
B
BR
B
G
B
12
13
MPX1
MPX2
E101
Headlight Leveling
ECU Assembly
3 A
4 A (*7)
11 C
12 C (*8)
CANH
CANL
E35(A), E81(C)
A/C Amplifier Assembly
V
B
BR
B

∗ 5 : 2UZ–FE, 1UR–FE, From Jan. 2012 Production 1GR–FE
∗ 6 : 1VD–FTV, Before Jan. 2012 Production 1GR–FE
∗ 7 : w/ Rear A/C
∗ 8 : w/o Rear A/C
∗ 9 : Before Jul. 2009 Production
∗14 : From Jan. 2012 Production
∗15 : From Jan. 2009 Production until Jan. 2012 Production

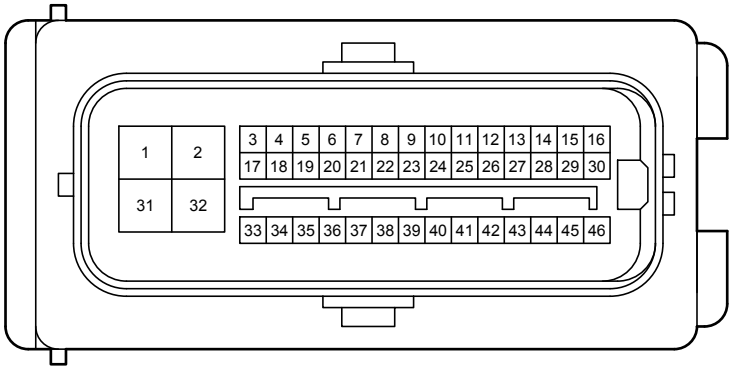



E85(C)
Windshield Wiper ECU
CANH
CANL
6 C
5 C
LG
R
E73
Junction Connector
4
15
L52
Power Back Door
Unit Assembly
MPX2
MPX1
L50(A)
No. 2 Multiplex
Network Body ECU
MPX–
MPX+
E76
Junction Connector
2
13
1
12
5
6
12 A
11 A
18
7
V
R
W
R
R
V
R
LG
R
Y
19 EK2
29 EK2
74 EL1
73 EL1
W
R
R
Y
1
2
2 KL1
3 KL1
2 C
1 C
2 D
1 D
2 B
1 B
CAN+
CAN–
GND
L29(A), L30(B), L54(C), L57(D)
Junction Connector
2 A
1 A
3
E92
Option Connector
(Bus Buffer)
R
(*13)
GR
(*14)
W
(*13)
LG
(*14)
W–B
8
E66
Junction
Connector
1
V
V
B
B
W–B
E2

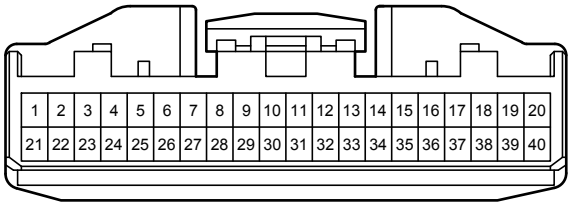
*13 : Before Jan. 2012 Production
*14 : From Jan. 2012 Production



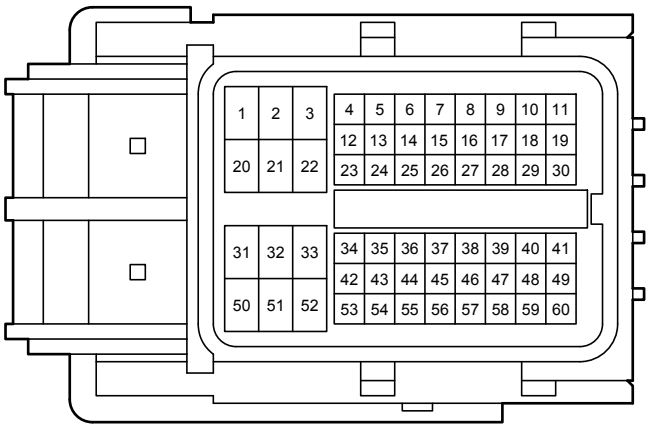
A 24
Black



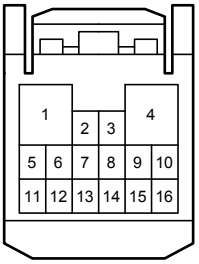
A 27
Black



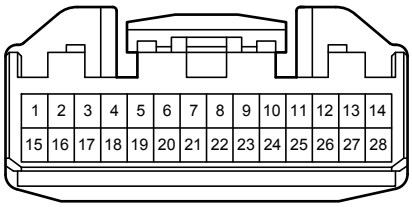
A 52
Black



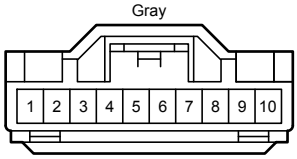
E 3
White



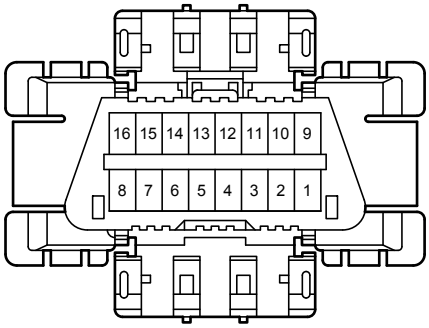
E 7
White



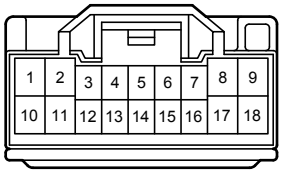
E 11
Gray



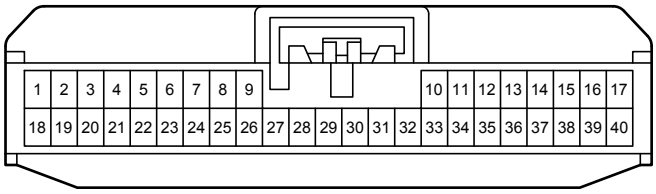
E 22
White



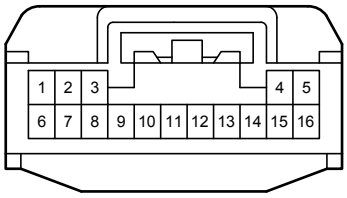
E 27
White



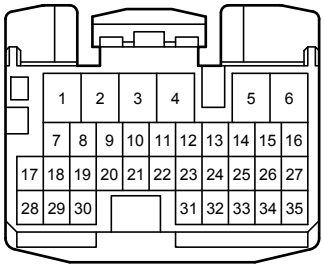
E 29
White



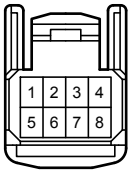
E 31
White



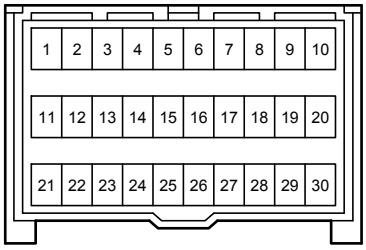
E 35
White



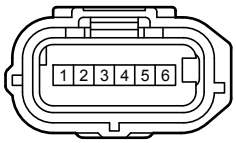
E 42
White



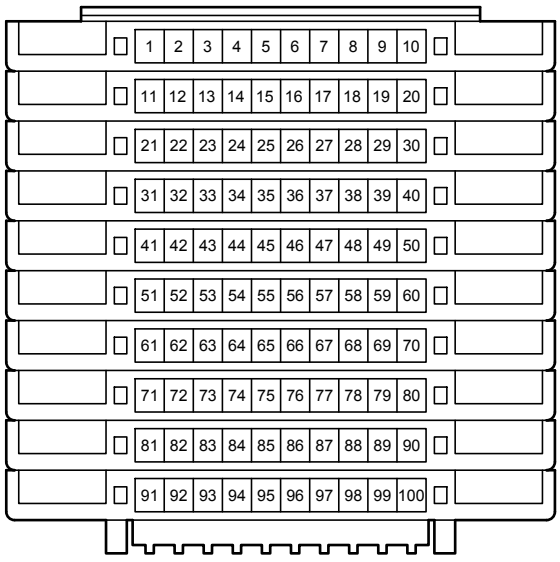
E 47
Yellow



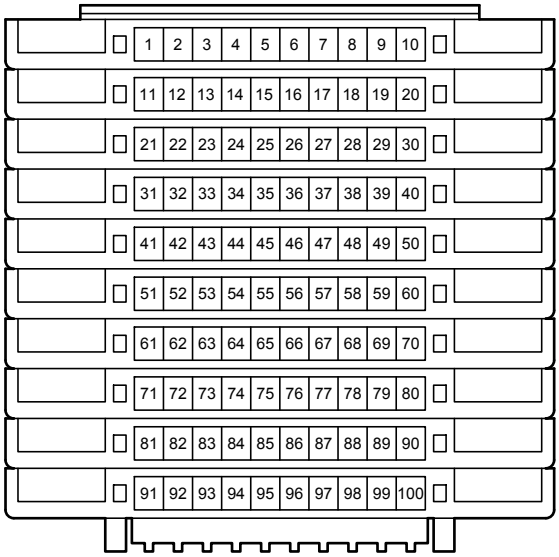
E 50
Black



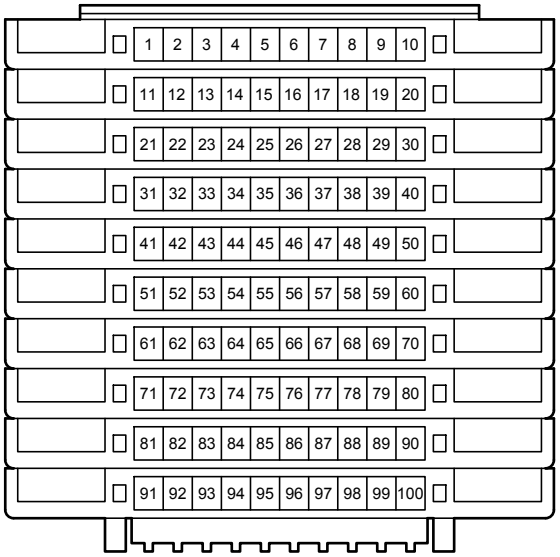
E 59



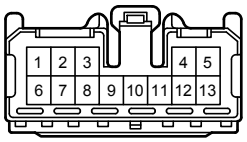
E 60



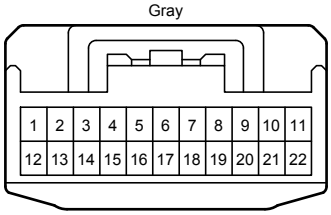
E 61



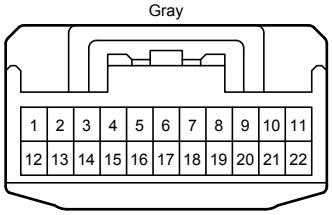
E 66
White



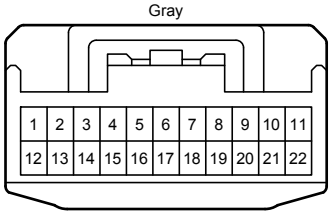
E 68
Gray



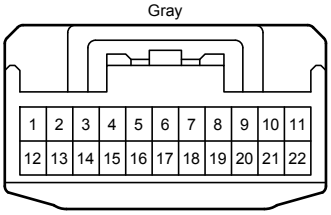
E 69
Gray



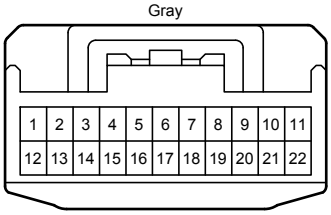
E 70
Gray



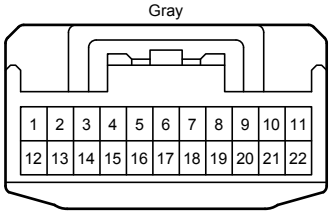
E 71
Gray



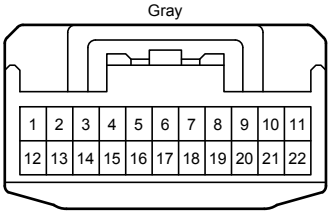
E 72
Gray



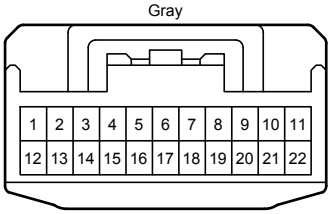
E 73
Gray



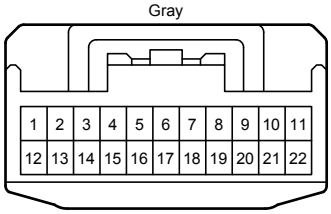
E 74
Gray



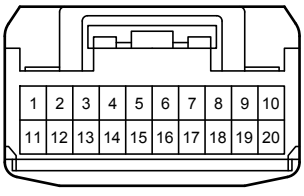
E 75
Gray



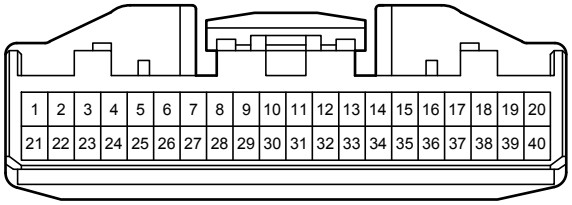
E 76
Gray



E 79
White



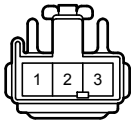
E 81
White



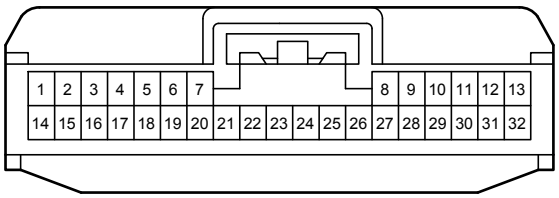
E 85
White



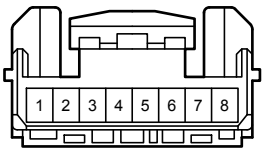
E 92
White



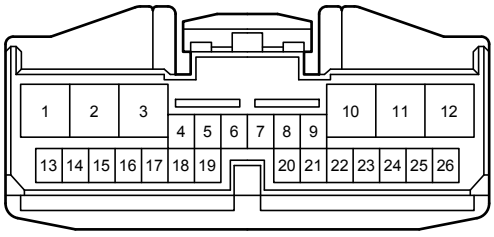
E101
White



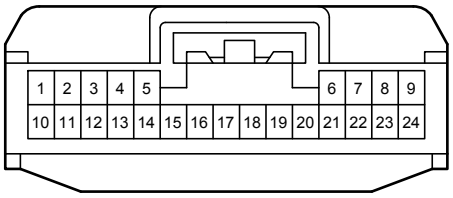
E102
White



E108
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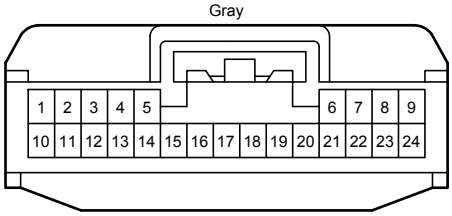


F 12
White



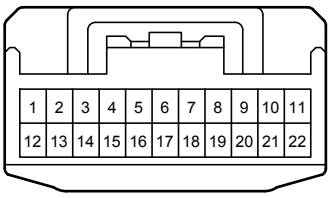
(Before Aug. 2007 Production)

F 12
Gray

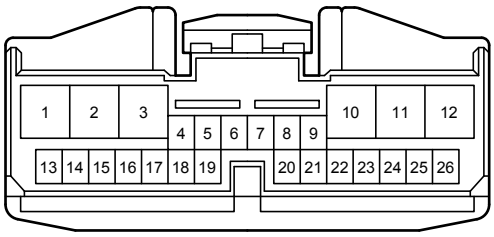


(From Aug. 2007 Production)

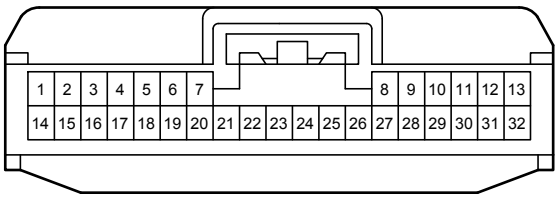
F 21
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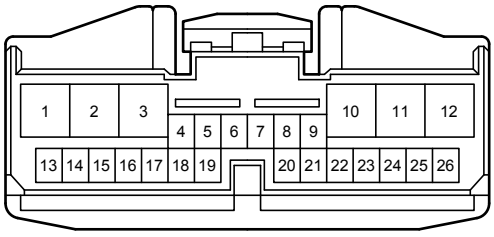
F 28
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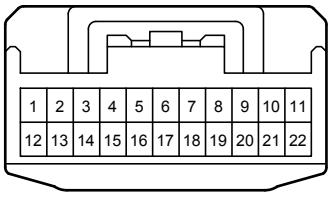
F 43
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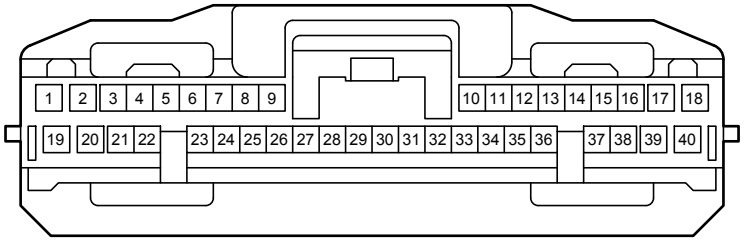
F 64
White



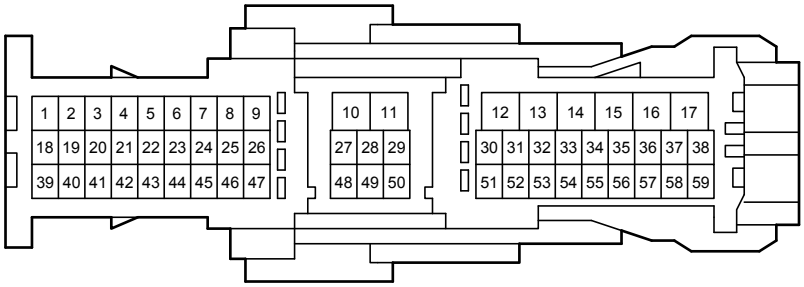
F 73
Blue



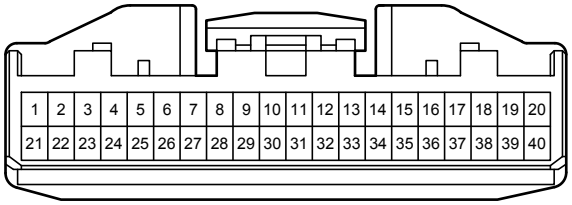
F 76
Black



F 77
White



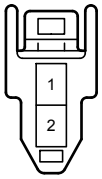
I 24
White



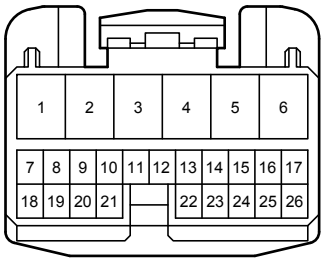
K 28
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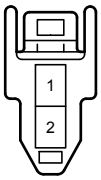
K 29
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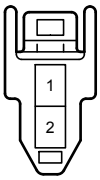
K 34
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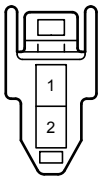
K 39
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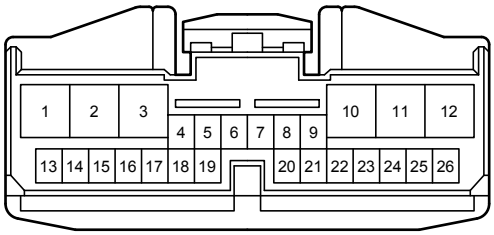
L 29
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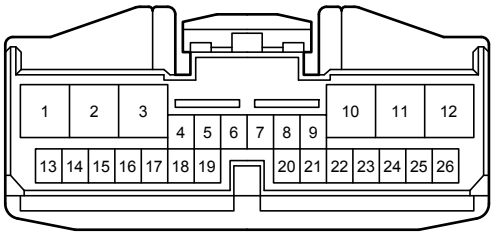
L 30
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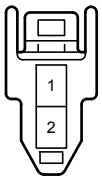
L 50
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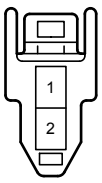
L 52
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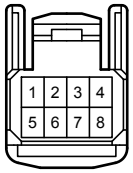
L 54
White



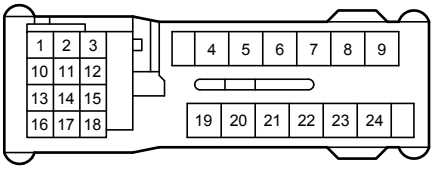
L 57
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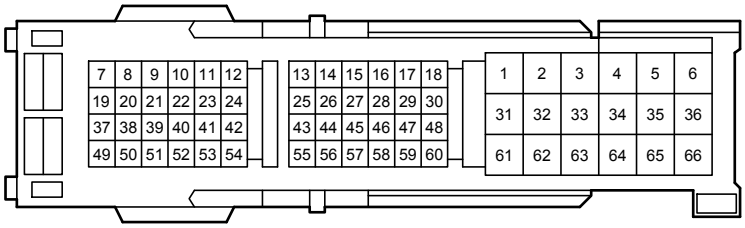
c 27
White



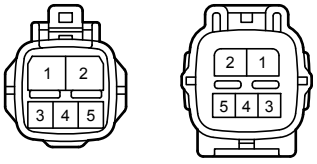
2B
White



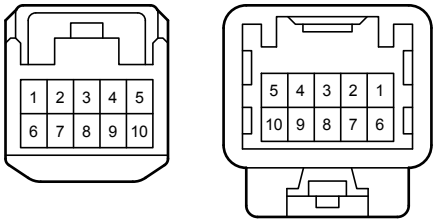
2D
White



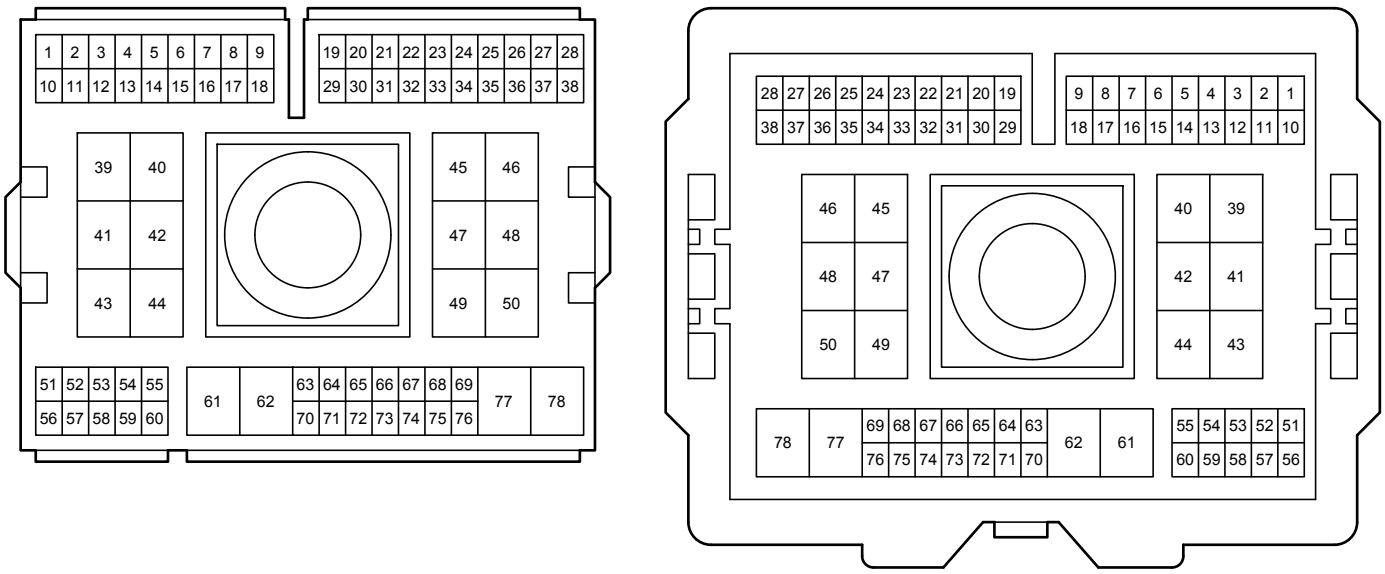
AA1
Gray

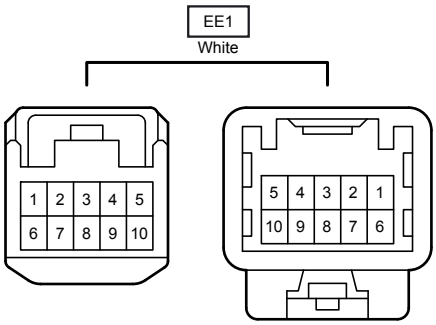


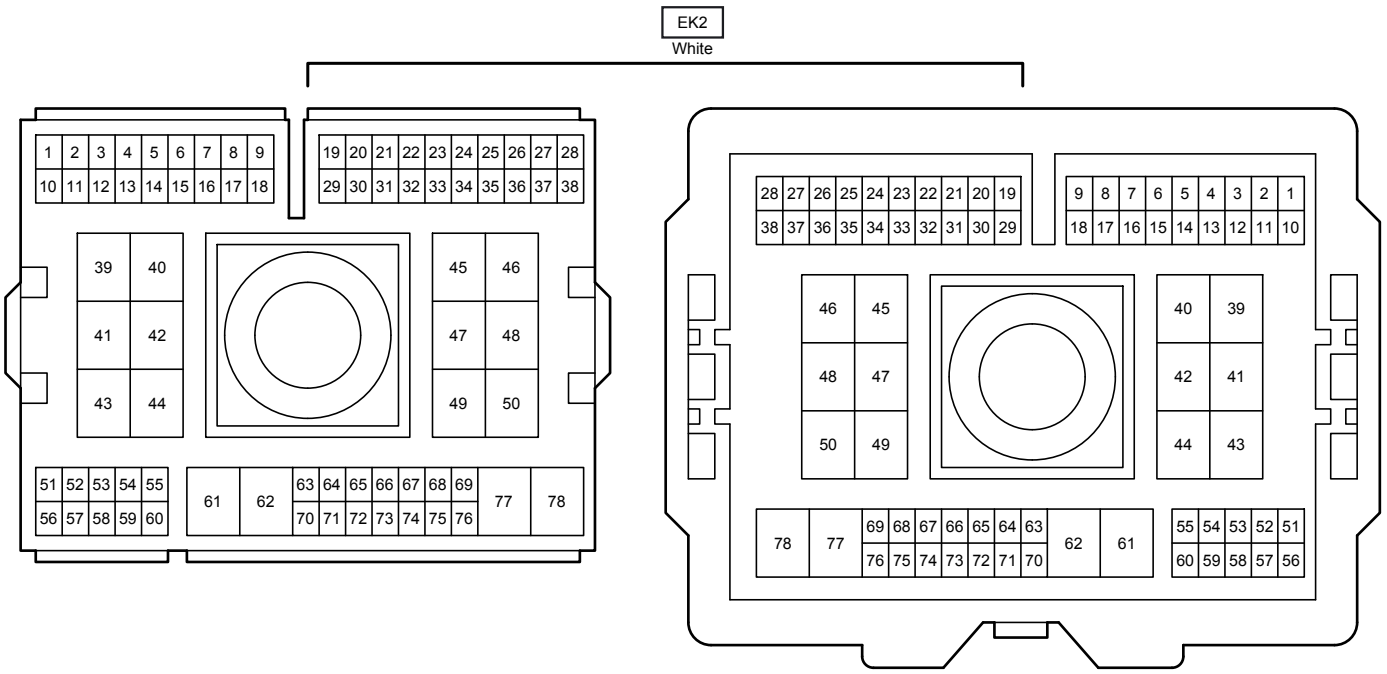
AE3
Gray

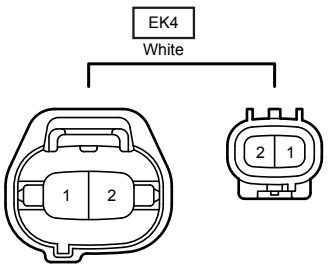


EA1
White

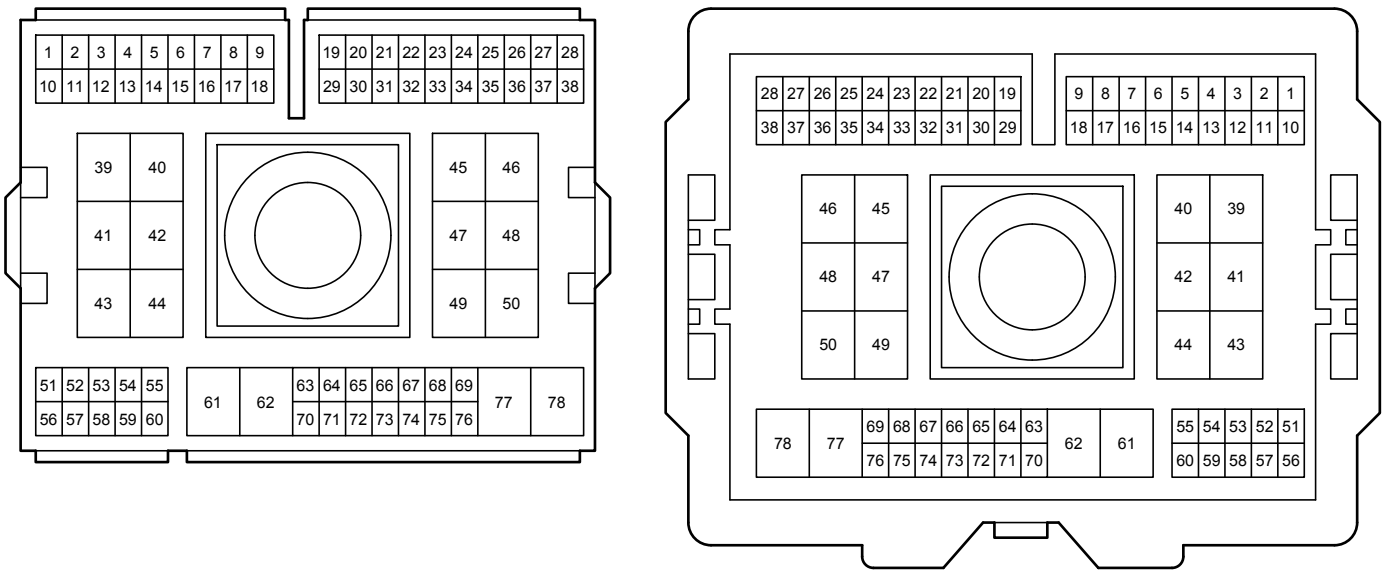



EE1
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

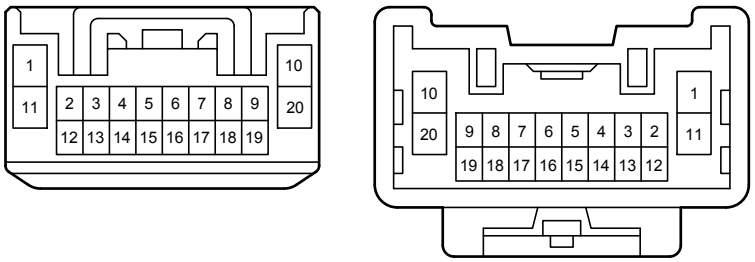

EK2
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61
62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77
78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45
48 47
50 49
40 39
42 41
44 43
78
77
69 68 67 66 65 64 63
76 75 74 73 72 71 70
62
61
55 54 53 52 51
60 59 58 57 56


EK4
White
1 2
2 1

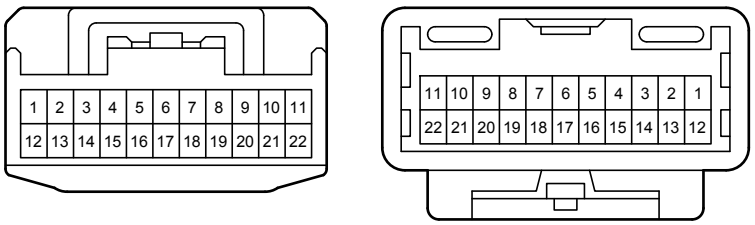
EL1
White



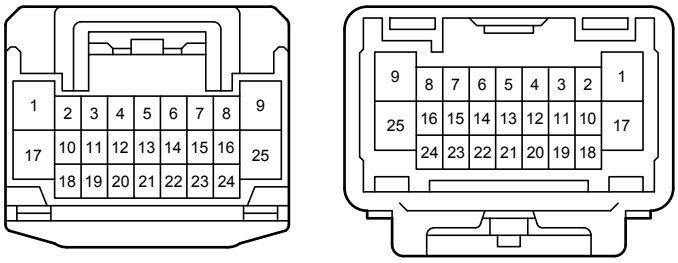
FE4
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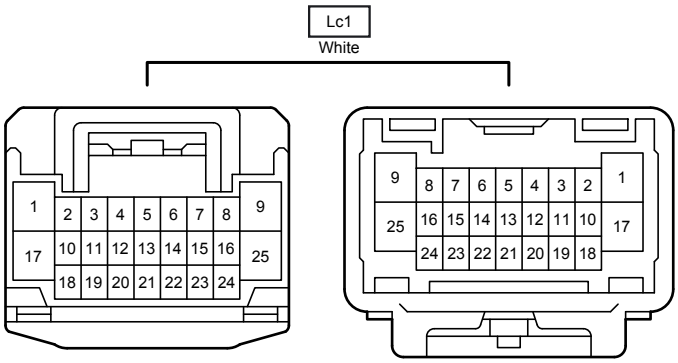


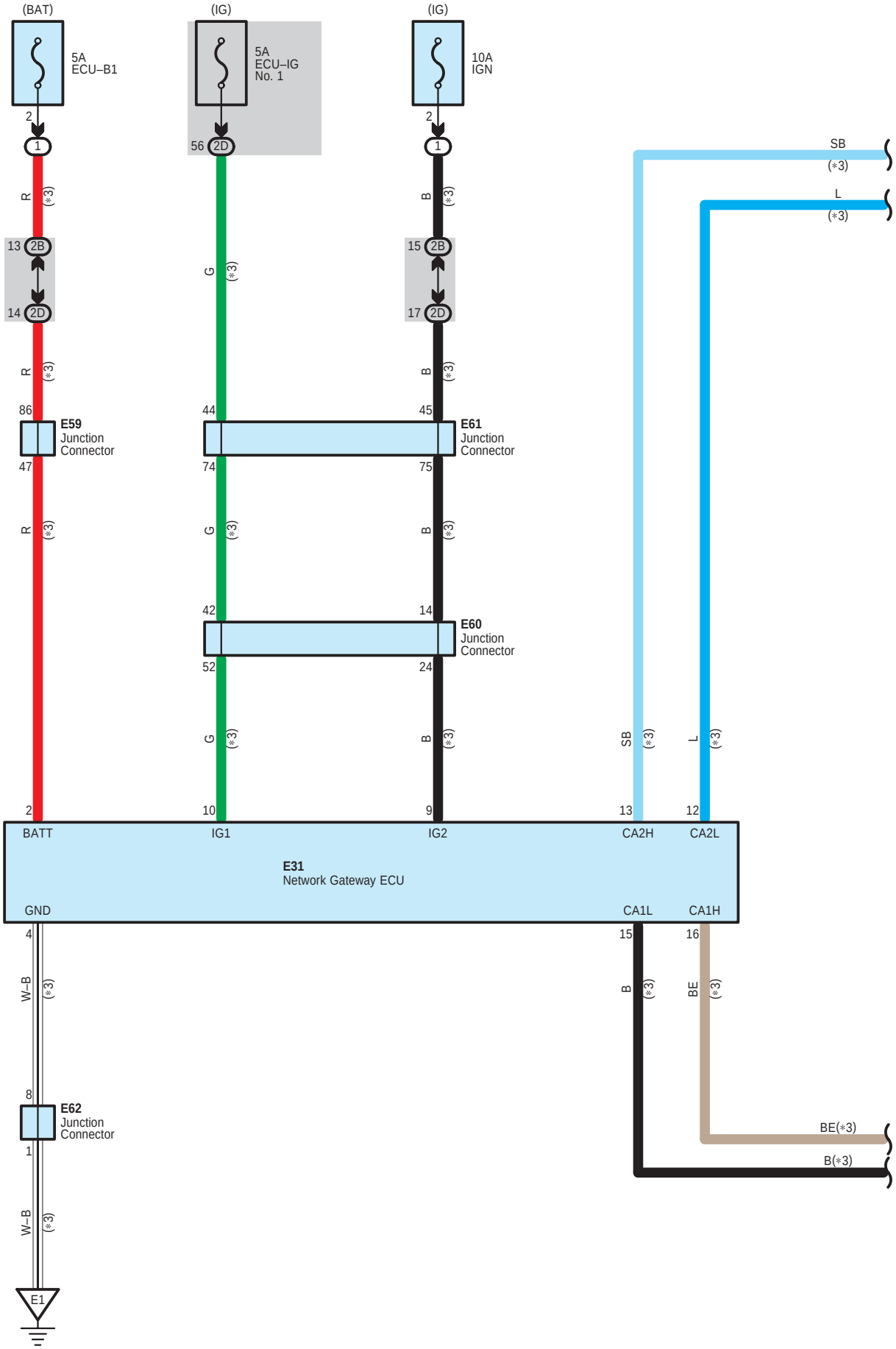
IE1
Gray

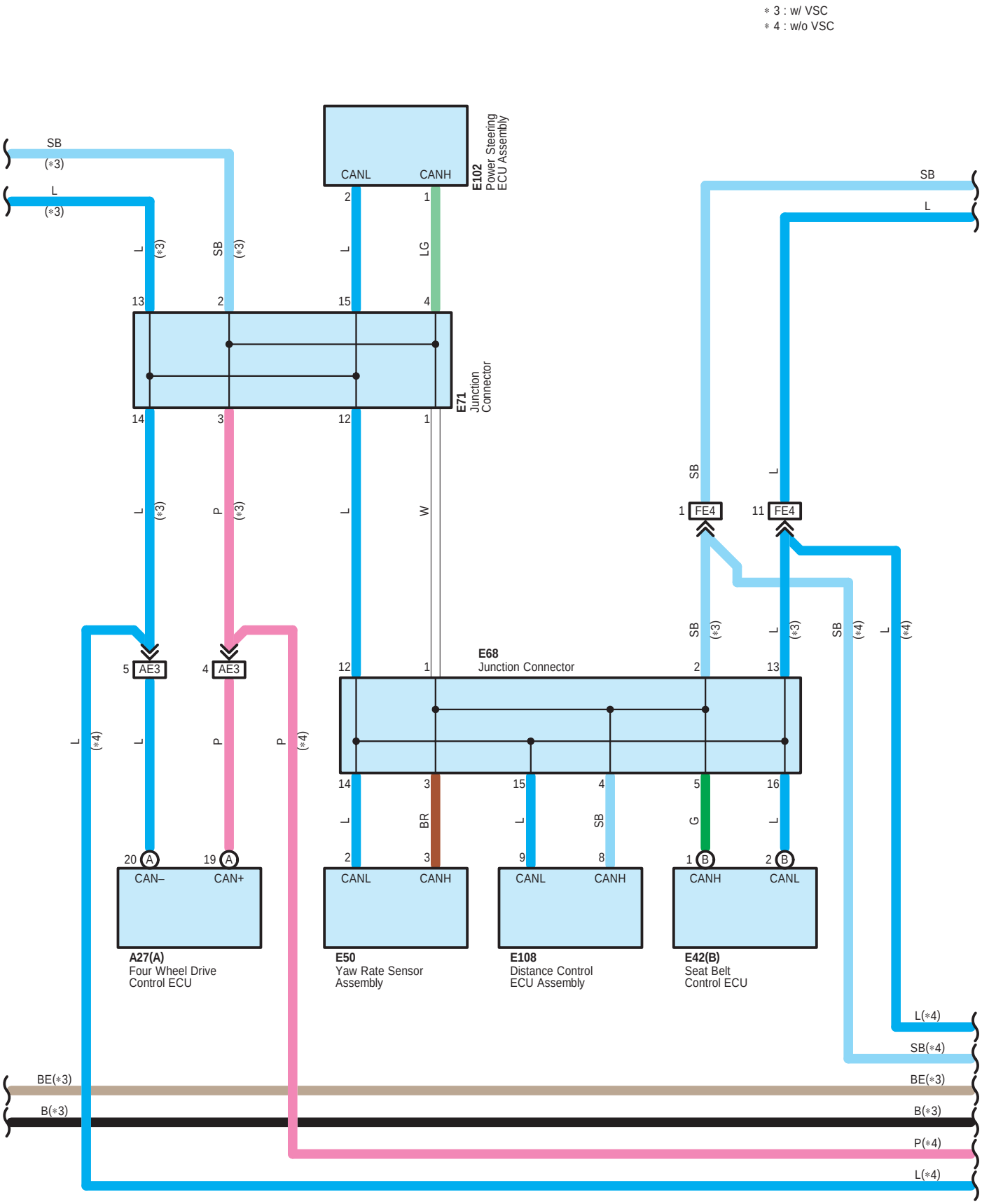


KL1
White

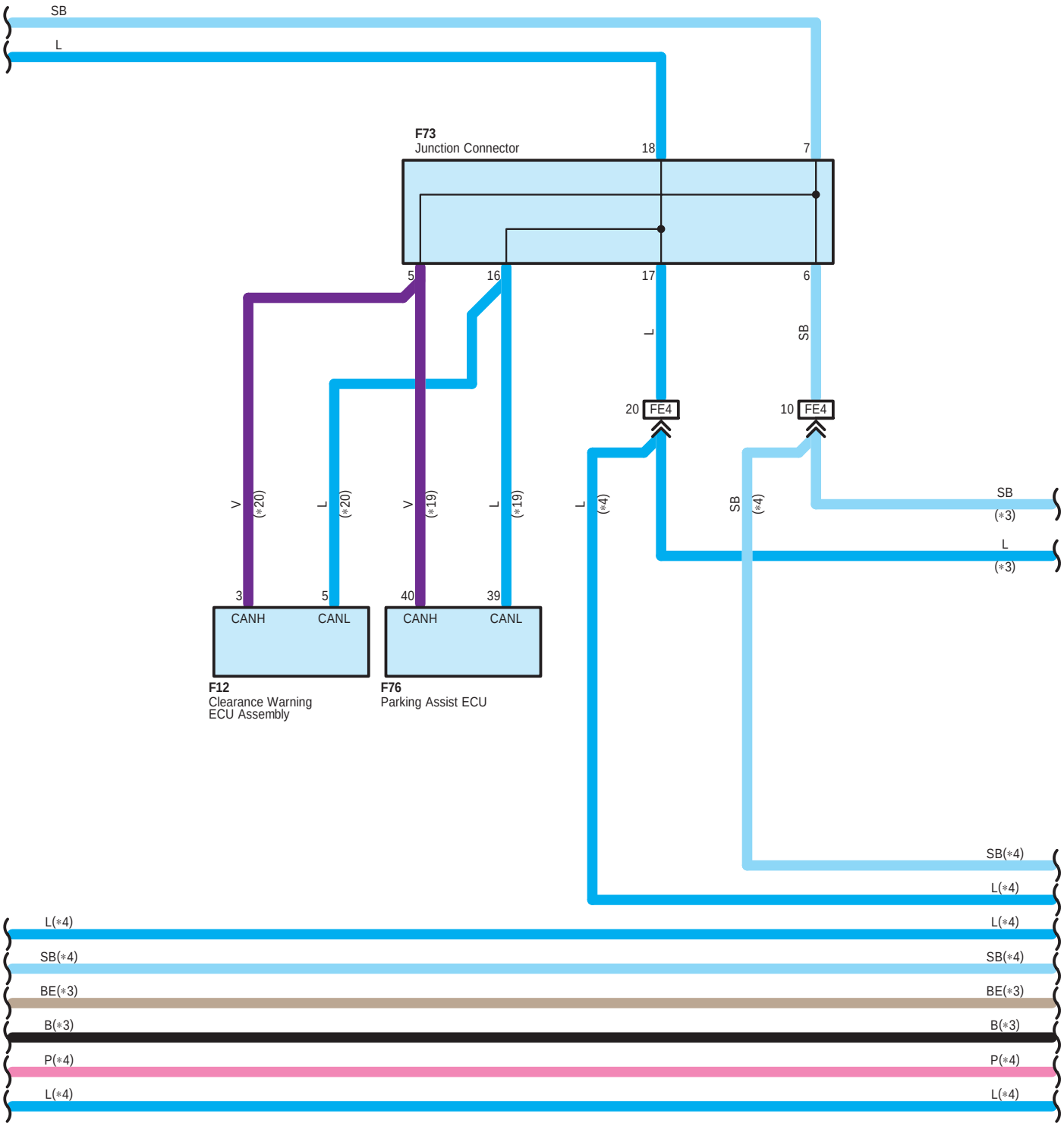


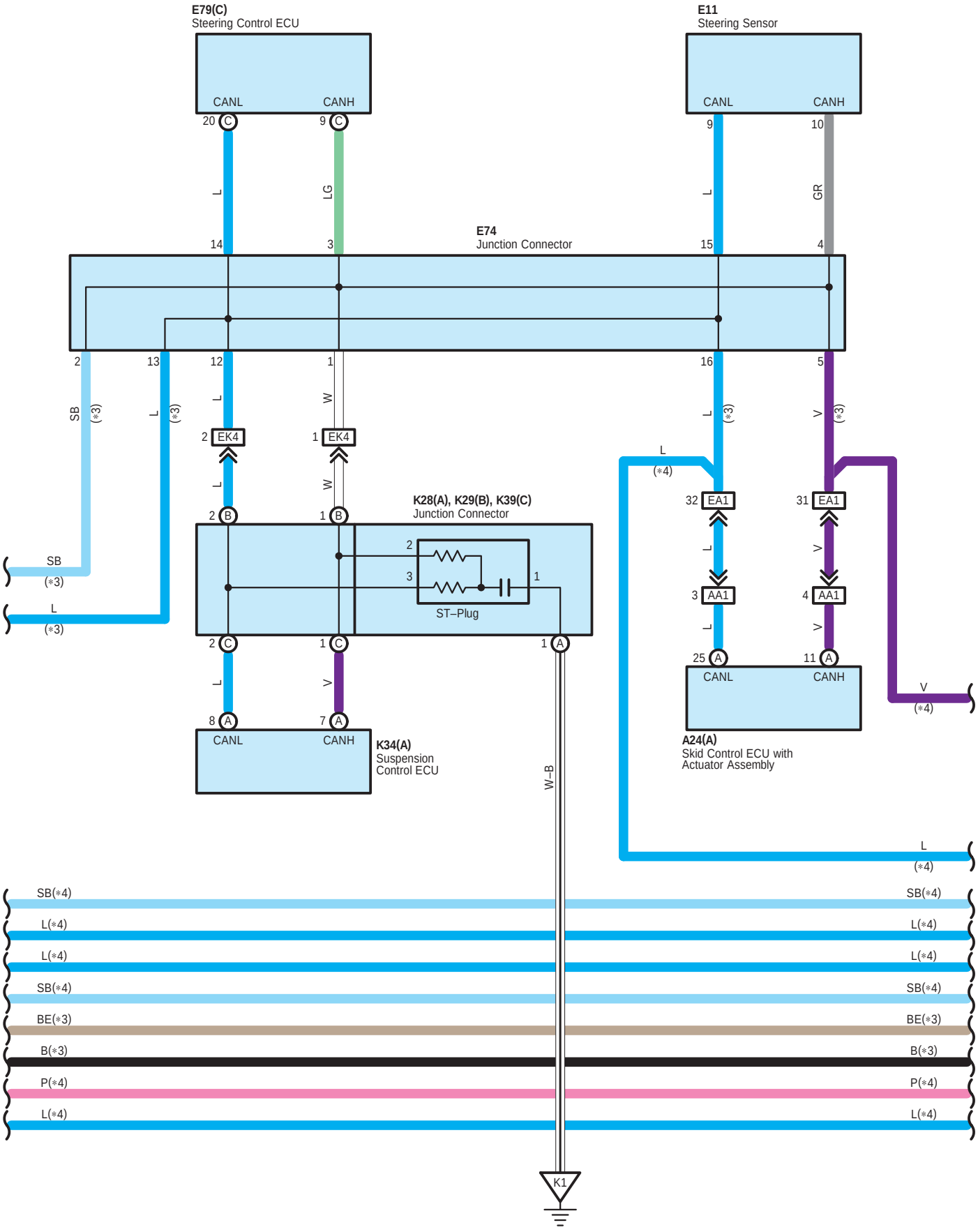

Lc1
White
1
2
3
4
5
6
7
8
9
17
10
11
12
13
14
15
16
25
18
19
20
21
22
23
24
9
8
7
6
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21
20
19
18

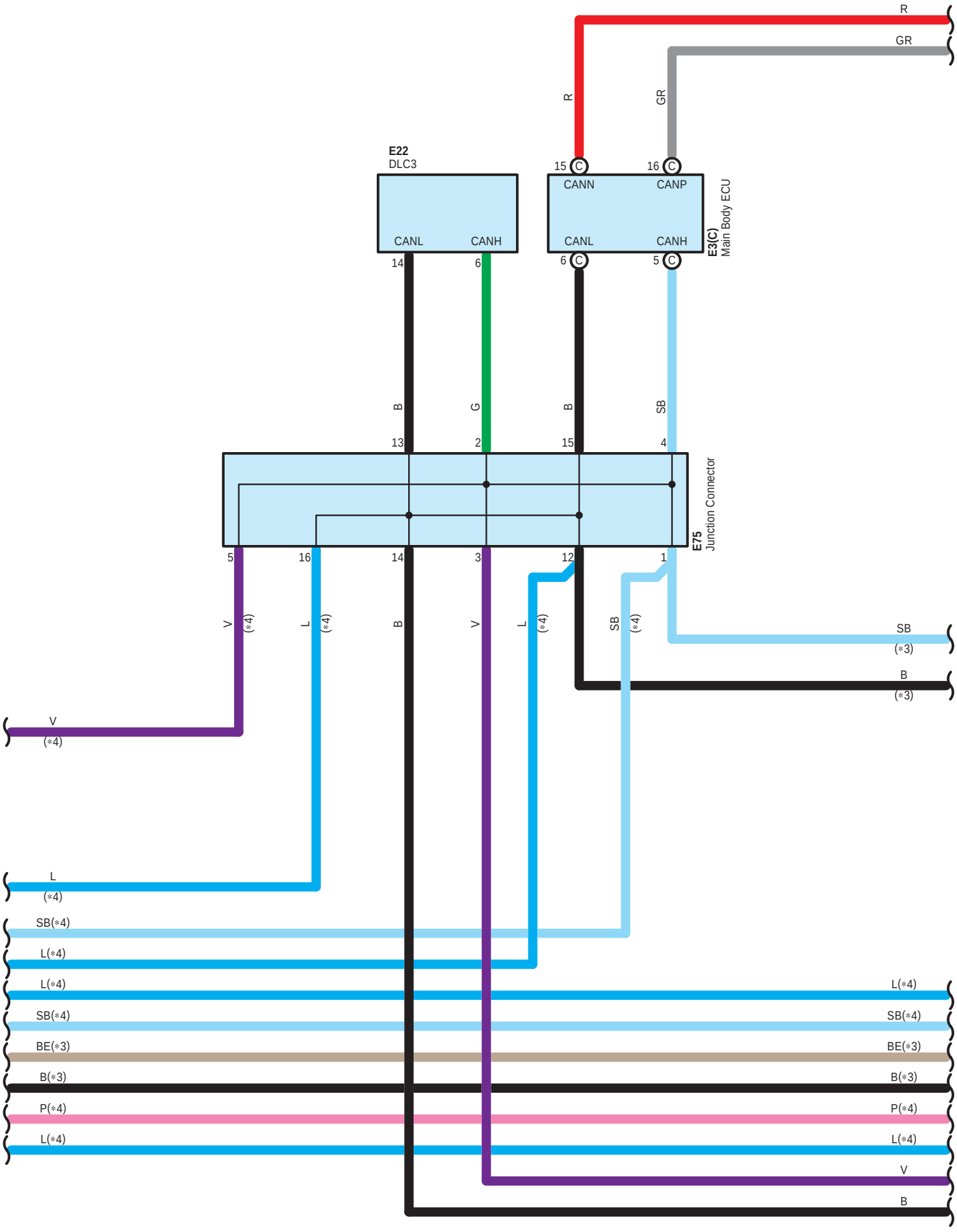

(BAT)
5A
ECU–B1
(IG)
5A
ECU–IG
No. 1
(IG)
10A
IGN
2
1
56
2D
13
2B
14
15
17
R
G
B
(*3)
86
44
45
E59
Junction
Connector
E61
Junction
Connector
47
74
75
42
14
E60
Junction
Connector
52
24
SB
L
2
10
9
13
12
BATT
IG1
IG2
CA2H
CA2L
E31
Network Gateway ECU
GND
CA1L
CA1H
4
15
16
W–B
BE
8
E62
Junction
Connector
1
E1
BE(*3)
B(*3)

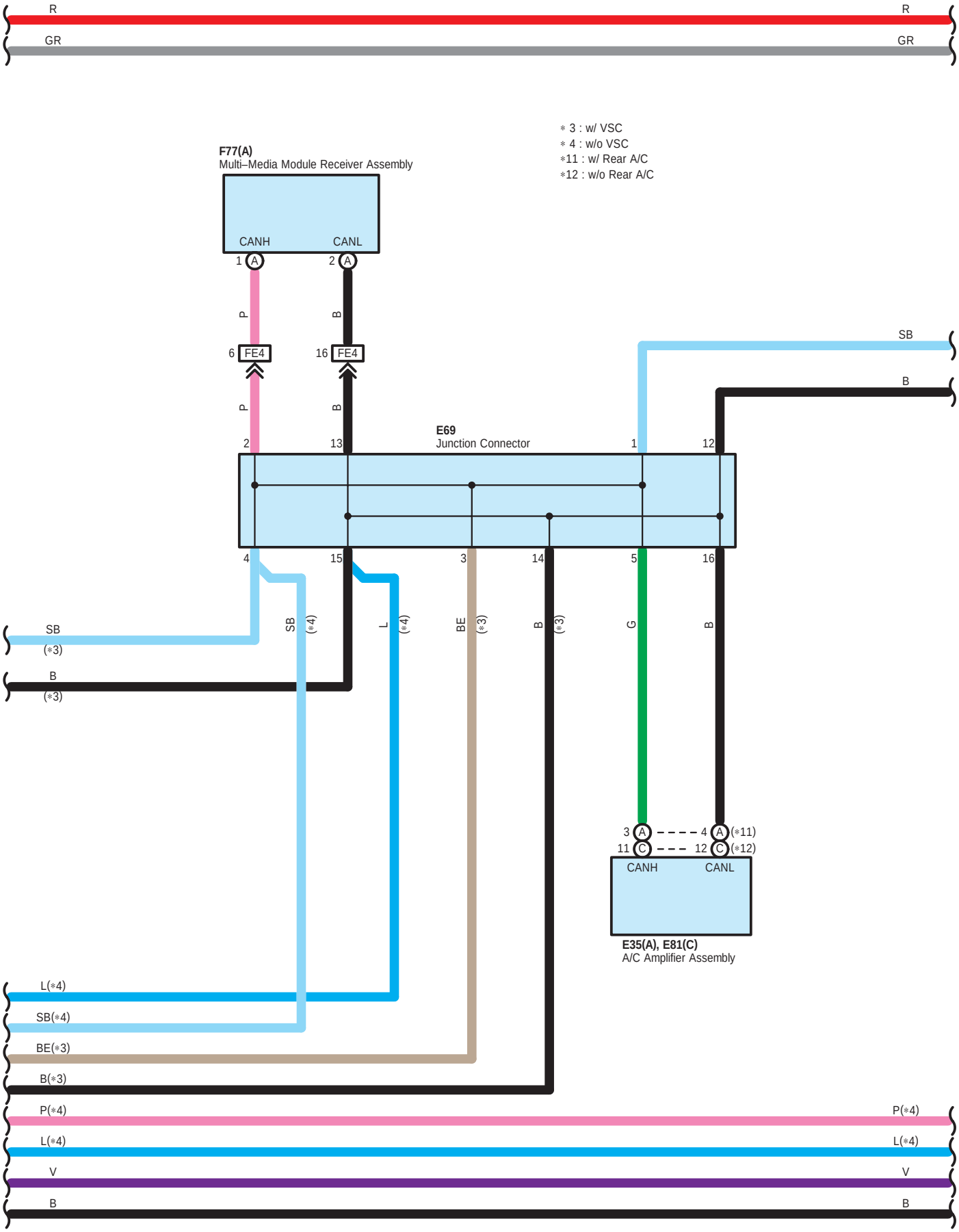

∗ 3 : w/ VSC
∗ 4 : w/o VSC
E102
Power Steering
ECU Assembly
CANL
CANH
E71
Junction
Connector
E68
Junction Connector
FE4
AE3
A27(A)
Four Wheel Drive
Control ECU
CAN–
CAN+
E50
Yaw Rate Sensor
Assembly
E108
Distance Control
ECU Assembly
E42(B)
Seat Belt
Control ECU
SB
L
BE(∗3)
B(∗3)
P(∗4)
L(∗4)
SB(∗4)

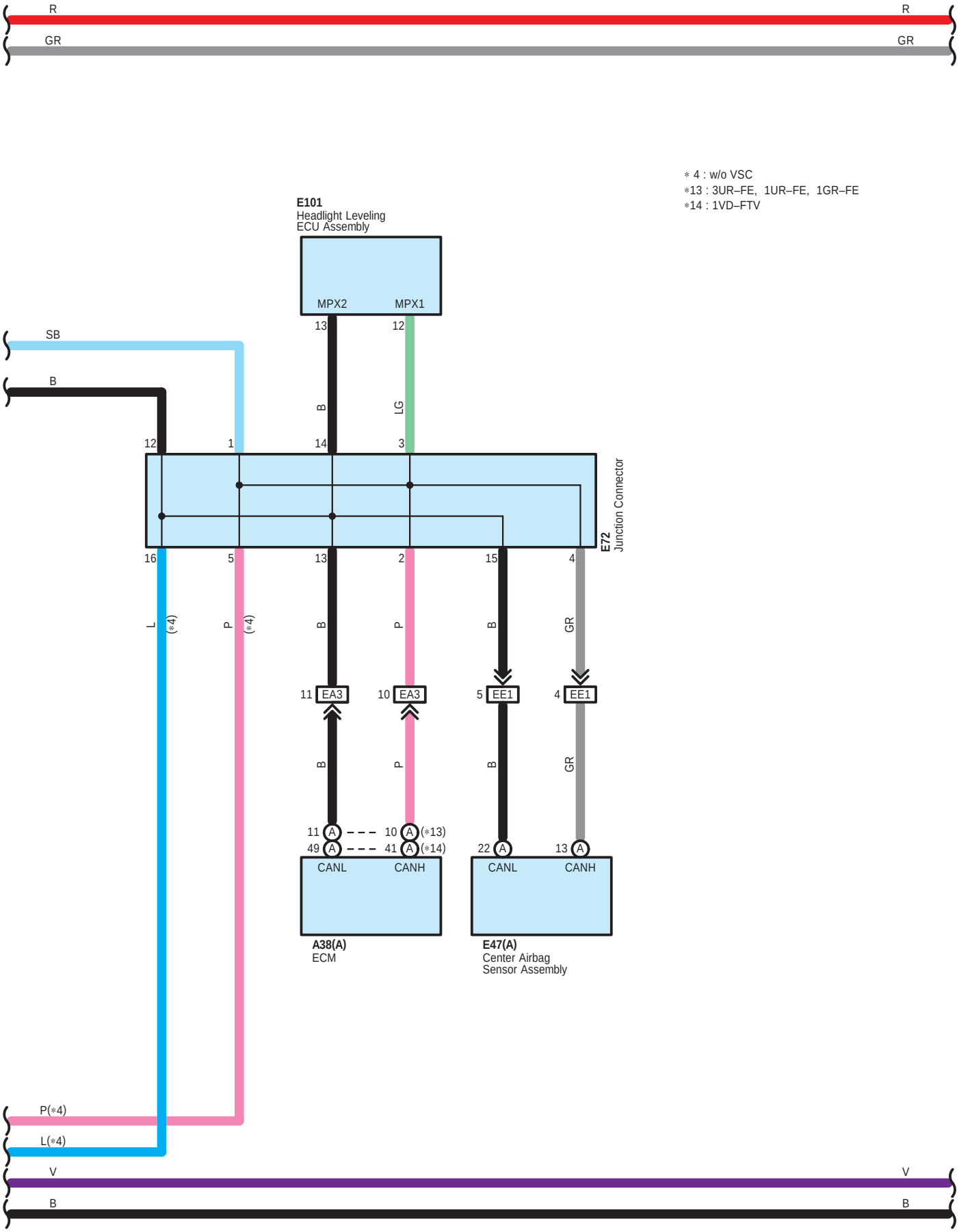
∗ 3 : w/ VSC
∗ 4 : w/o VSC
∗19 : w/ Multi–Terrain Monitor
∗20 : w/o Multi–Terrain Monitor

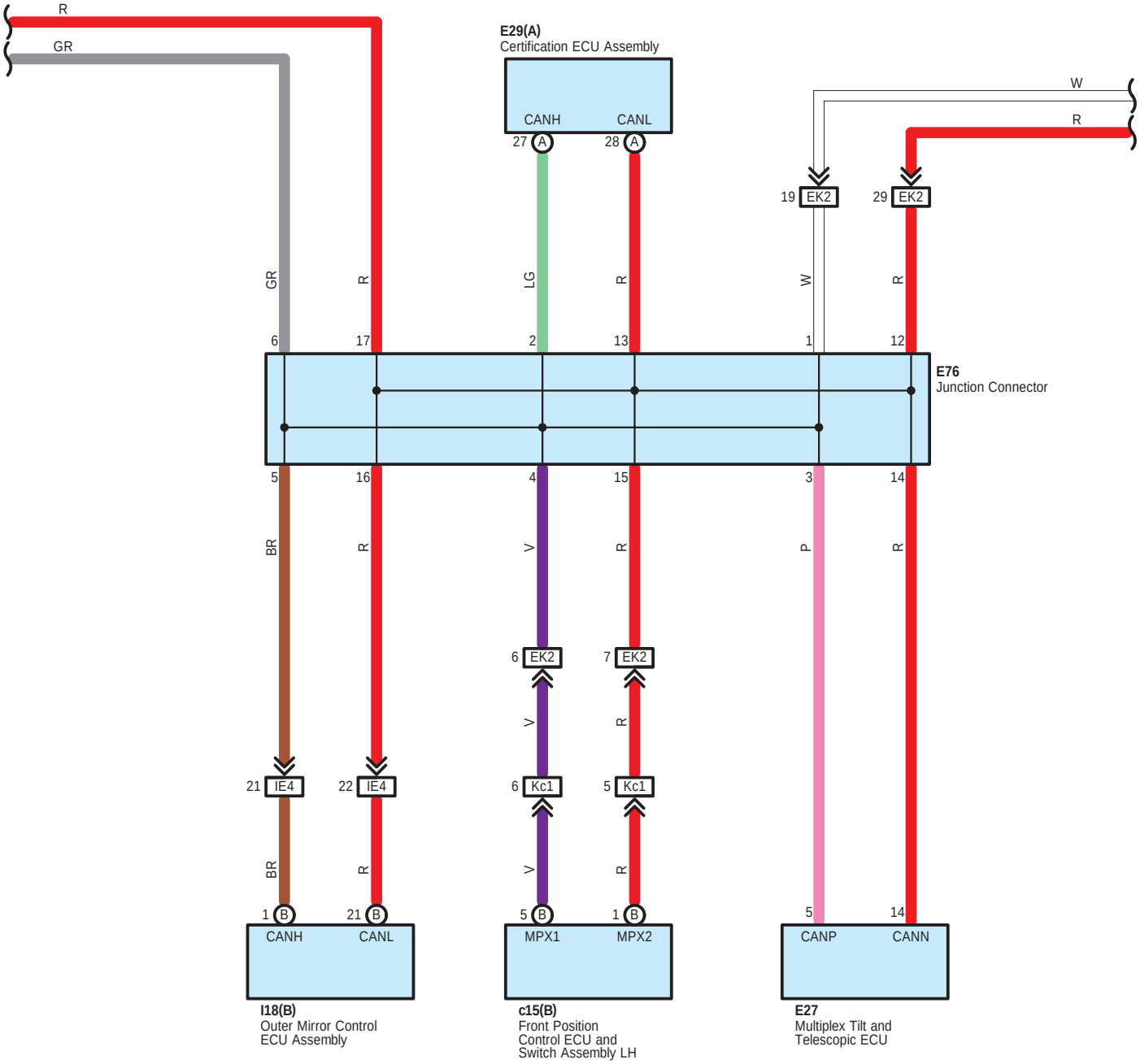



E79(C)
Steering Control ECU
CANL
CANH
20
9
L
LG
14
3
E74
Junction Connector
E11
Steering Sensor
CANL
CANH
9
10
L
GR
15
4
2
13
12
1
16
5
SB
(*3)
L
(*3)
L
W
L
(*3)
V
(*3)
2 EK4
1 EK4
L
(*4)
K28(A), K29(B), K39(C)
Junction Connector
2 B
1 B
32 EA1
31 EA1
L
V
2
3
1
ST–Plug
3 AA1
4 AA1
SB
(*3)
L
(*3)
2 C
1 C
1 A
L
V
25 A
11 A
CANL
CANH
V
(*4)
8 A
7 A
CANL
CANH
K34(A)
Suspension
Control ECU
A24(A)
Skid Control ECU with
Actuator Assembly
W–B
L
(*4)
SB(*4)
L(*4)
L(*4)
SB(*4)
BE(*3)
B(*3)
P(*4)
L(*4)
SB(*4)
L(*4)
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SB(*4)
BE(*3)
B(*3)
P(*4)
L(*4)
K1

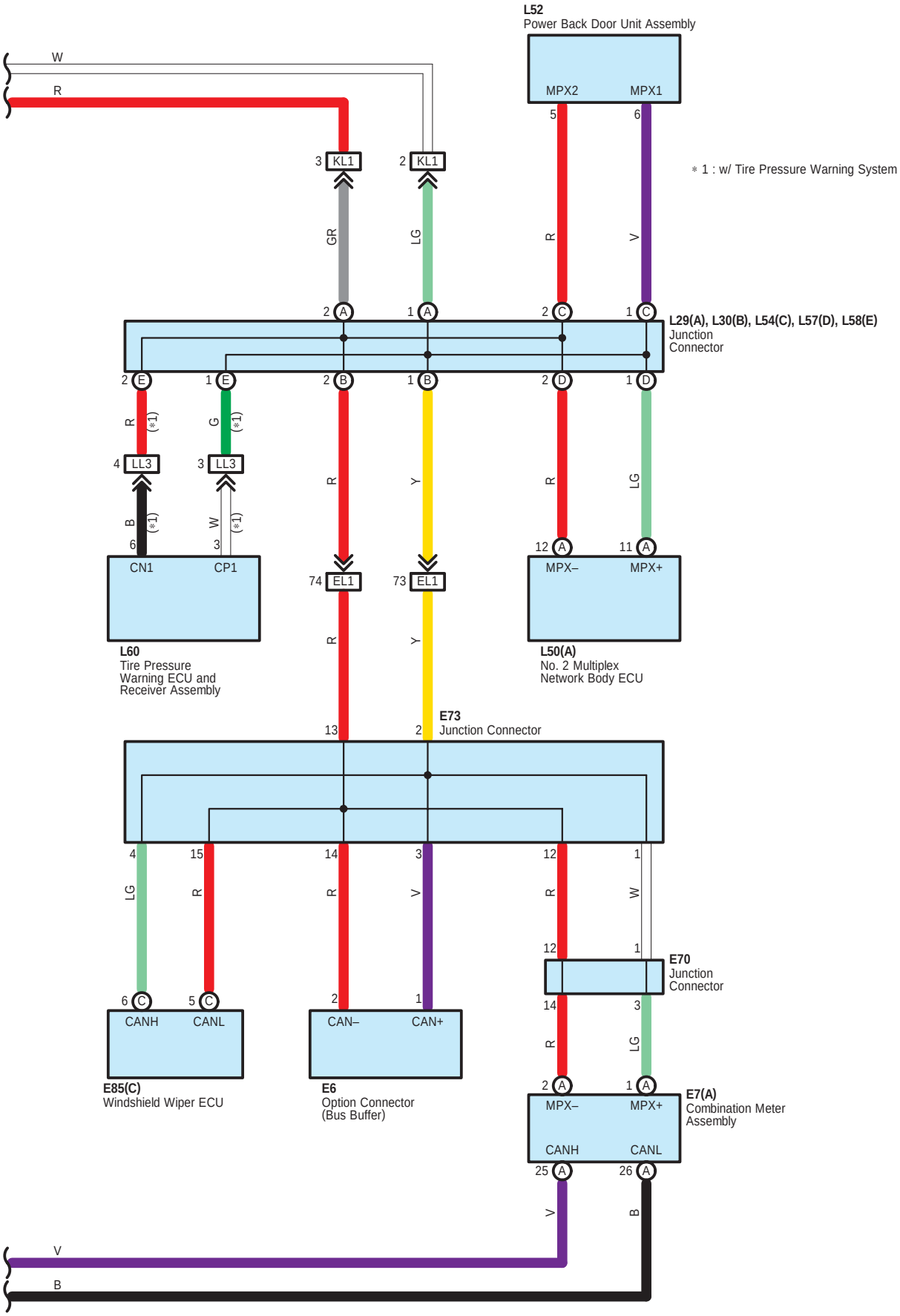

R
GR
R
GR
E22
DLC3
15
16
CANN
CANP
CANL
CANH
CANL
CANH
E3(C)
Main Body ECU
14
6
6
5
B
G
B
SB
13
2
15
4
E75
Junction Connector
5
16
14
3
12
1
V
(*4)
L
(*4)
B
V
L
(*4)
SB
(*4)
SB
(*3)
B
(*3)
V
(*4)
L
(*4)
SB(*4)
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B(*3)
P(*4)
L(*4)
L(*4)
SB(*4)
BE(*3)
B(*3)
P(*4)
L(*4)
V
B


R
GR
R
GR
∗ 3 : w/ VSC
∗ 4 : w/o VSC
∗11 : w/ Rear A/C
∗12 : w/o Rear A/C
F77(A)
Multi–Media Module Receiver Assembly
CANH
CANL
1 A
2 A
P
B
6 FE4
16 FE4
P
B
SB
B
E69
Junction Connector
2
13
1
12
4
15
3
14
5
16
SB (∗3)
B (∗3)
SB (∗4)
L (∗4)
BE (∗3)
B (∗3)
G
B
3 A
4 A (∗11)
11 C
12 C (∗12)
CANH
CANL
E35(A), E81(C)
A/C Amplifier Assembly
L(∗4)
SB(∗4)
BE(∗3)
B(∗3)
P(∗4)
L(∗4)
V
B
P(∗4)
L(∗4)
V
B

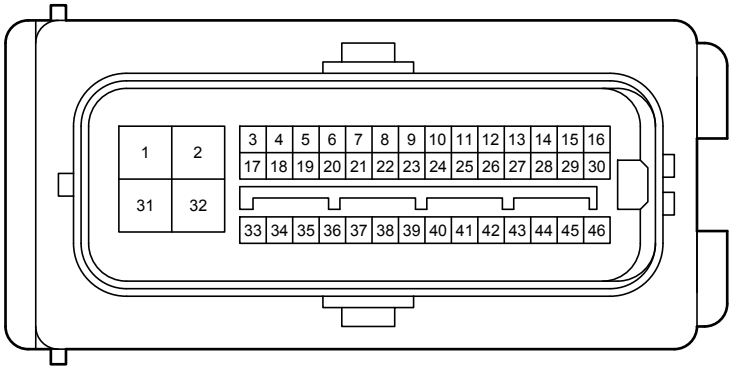

R
R
GR
GR
∗ 4 : w/o VSC
∗13 : 3UR–FE, 1UR–FE, 1GR–FE
∗14 : 1VD–FTV
E101
Headlight Leveling
ECU Assembly
MPX2
MPX1
13
12
SB
B
B
LG
12
1
14
3
E72
Junction Connector
16
5
13
2
15
4
L
(∗4)
P
(∗4)
B
P
B
GR
11 EA3
10 EA3
5 EE1
4 EE1
B
P
B
GR
11 A
49 A
10 A (∗13)
41 A (∗14)
22 A
13 A
CANL
CANH
CANL
CANH
A38(A)
ECM
E47(A)
Center Airbag
Sensor Assembly
P(∗4)
L(∗4)
V
V
B
B


R
GR
E29(A)
Certification ECU Assembly
CANH
CANL
27 A
28 A
W
R
19 EK2
29 EK2
GR
R
LG
R
W
R
6
17
2
13
1
12
E76
Junction Connector
5
16
4
15
3
14
BR
R
V
R
P
R
6 EK2
7 EK2
V
R
21 IE4
22 IE4
6 Kc1
5 Kc1
BR
R
V
R
1 B
21 B
5 B
1 B
5
14
CANH
CANL
MPX1
MPX2
CANP
CANN
I18(B)
Outer Mirror Control
ECU Assembly
c15(B)
Front Position
Control ECU and
Switch Assembly LH
E27
Multiplex Tilt and
Telescopic ECU

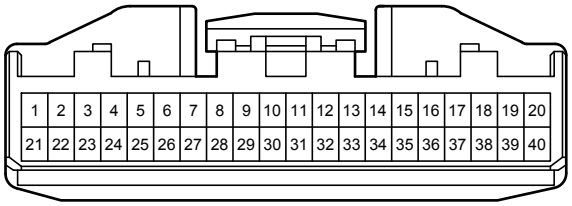

V
V
B
B


L52
Power Back Door Unit Assembly
MPX2
MPX1
5
6
* 1 : w/ Tire Pressure Warning System
W
R
3 KL1
2 KL1
GR
LG
R
V
2 A
1 A
2 C
1 C
L29(A), L30(B), L54(C), L57(D), L58(E)
Junction
Connector
2 E
1 E
2 B
1 B
2 D
1 D
R (*1)
G (*1)
4 LL3
3 LL3
B (*1)
W (*1)
6
3
CN1
CP1
L60
Tire Pressure
Warning ECU and
Receiver Assembly
R
Y
R
LG
74 EL1
73 EL1
12 A
11 A
MPX–
MPX+
L50(A)
No. 2 Multiplex
Network Body ECU
R
Y
13
2
E73
Junction Connector
4
15
14
3
12
1
LG
R
R
V
R
W
12
1
E70
Junction
Connector
6 C
5 C
2
1
14
3
CANH
CANL
CAN–
CAN+
R
LG
E85(C)
Windshield Wiper ECU
E6
Option Connector
(Bus Buffer)
2 A
1 A
MPX–
MPX+
E7(A)
Combination Meter
Assembly
CANH
CANL
25 A
26 A
V
B
V
B

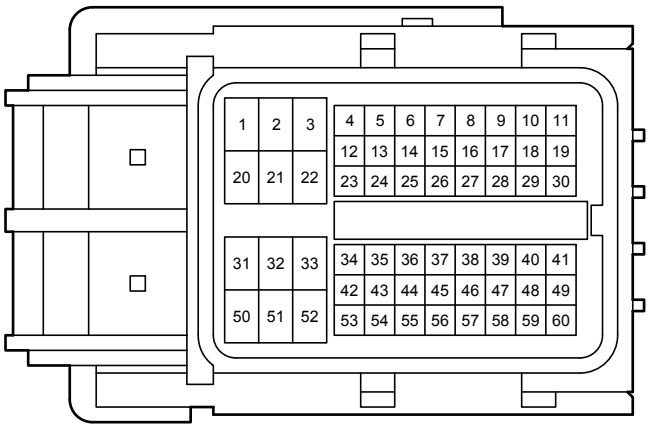
A 24
Black



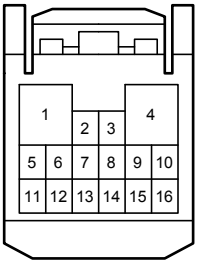
A 27
Black



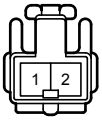
A 38
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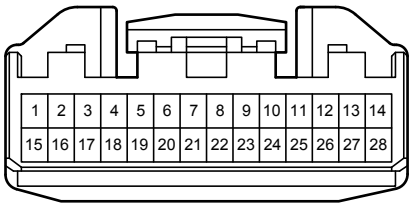
E 3
White



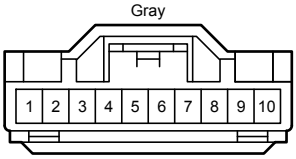
E 6
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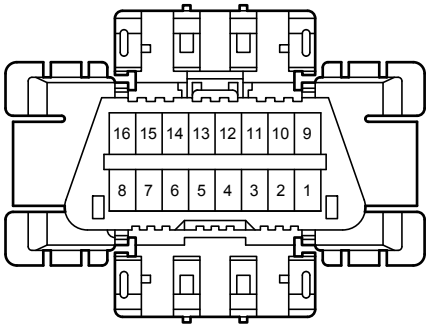
E 7
White



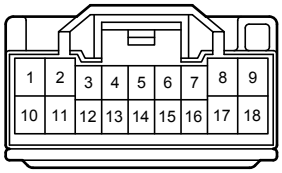
E 11
Gray



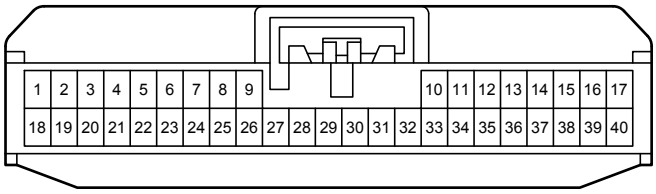
E 22
White



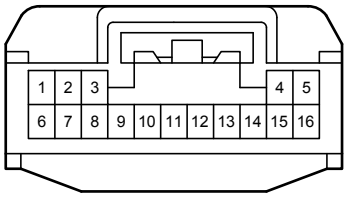
E 27
White



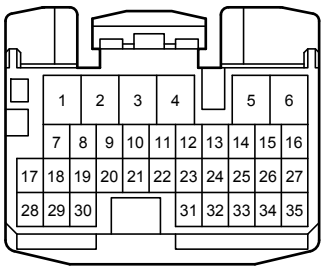
E 29
White



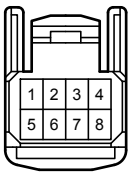
E 31
White



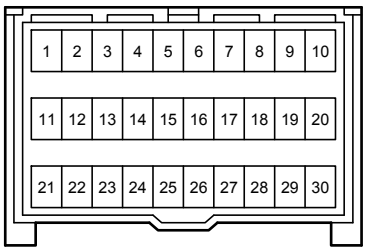
E 35
White



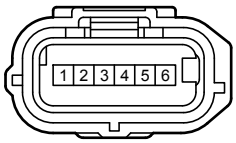
E 42
White



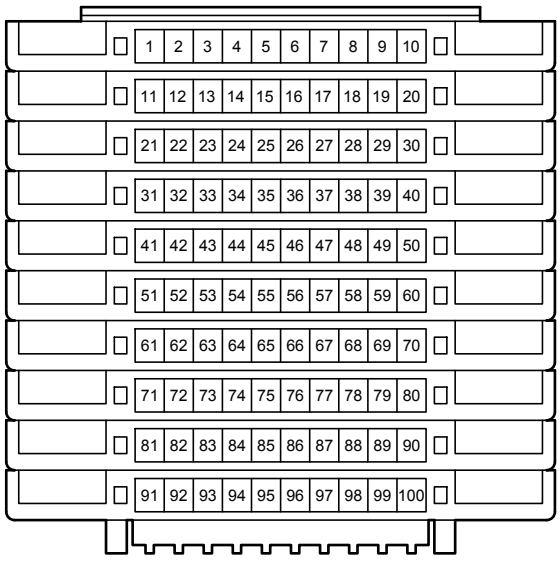
E 47
Yellow



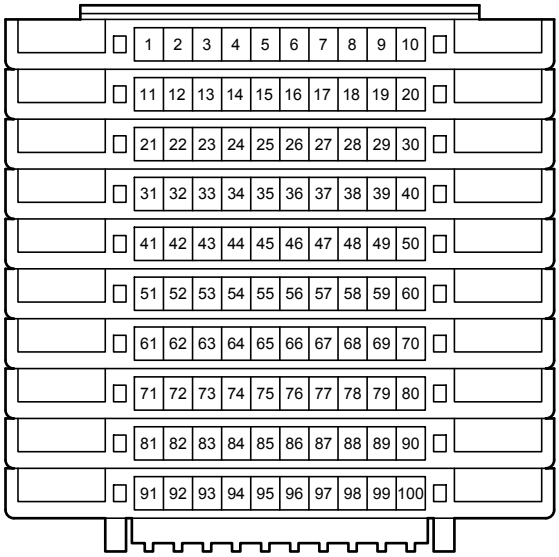
E 50
Black



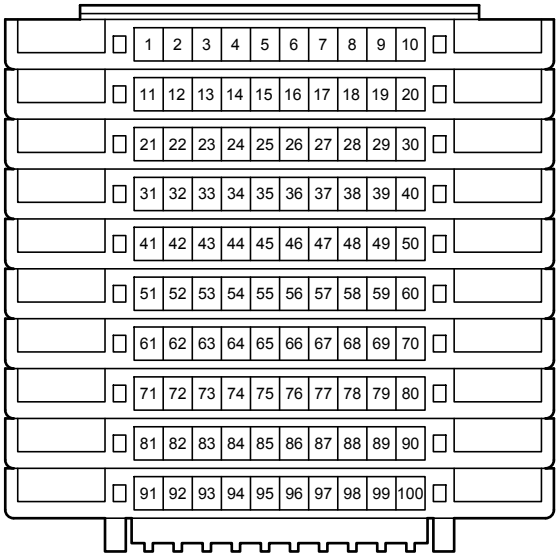
E 59



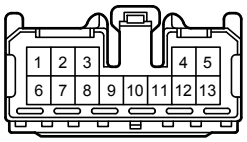
E 60



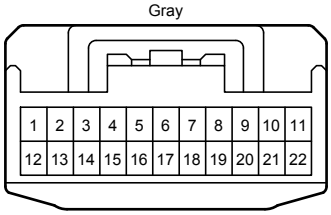
E 61



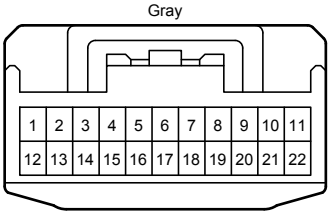
E 62
White



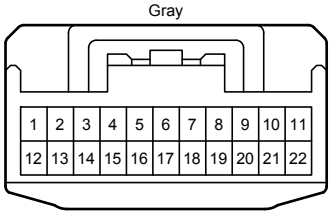
E 68
Gray



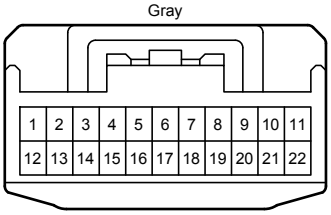
E 69
Gray



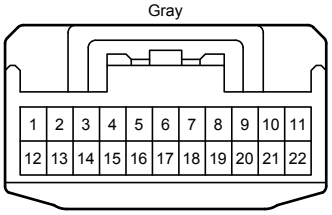
E 70
Gray



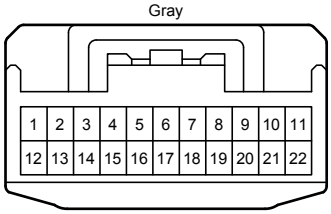
E 71
Gray



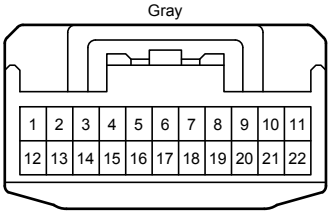
E 72
Gray



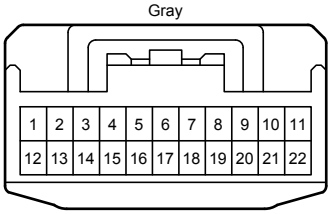
E 73
Gray



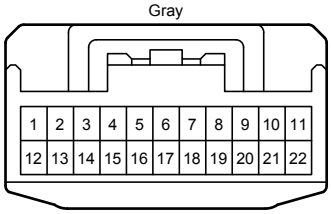
E 74
Gray



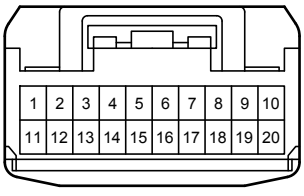
E 75
Gray



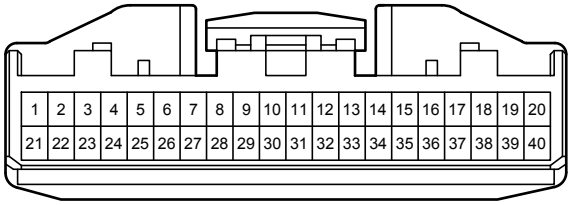
E 76
Gray



E 79
White



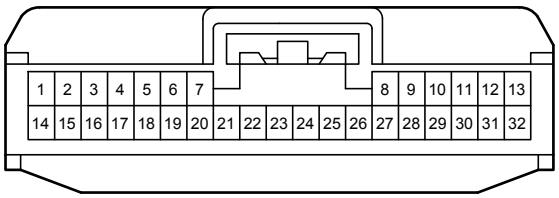
E 81
White



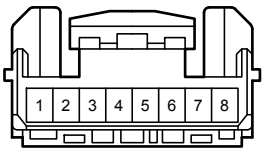
E 85
White



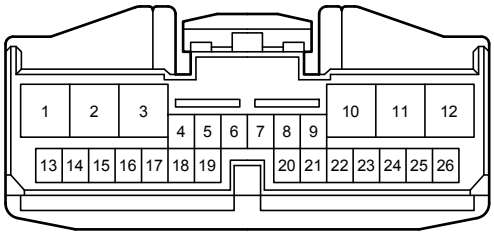
E101
White



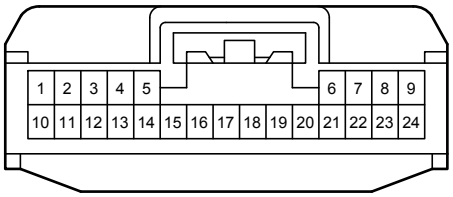
E102
White



E108
White

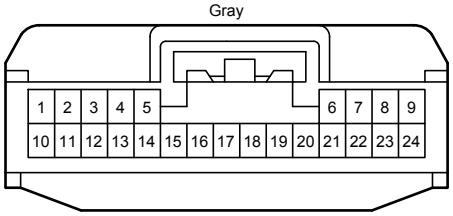


F 12
White



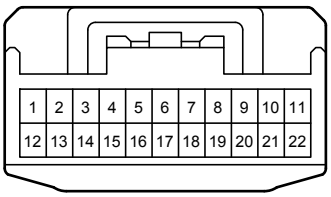
(Before Aug. 2007 Production)

F 12
Gray

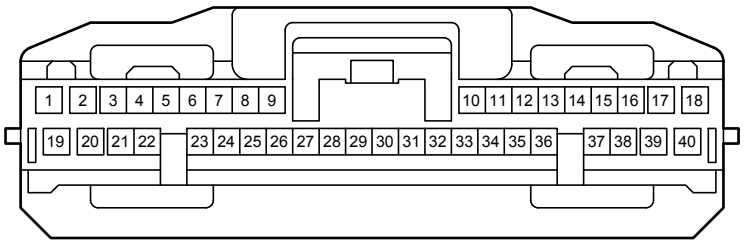


(From Aug. 2007 Production)

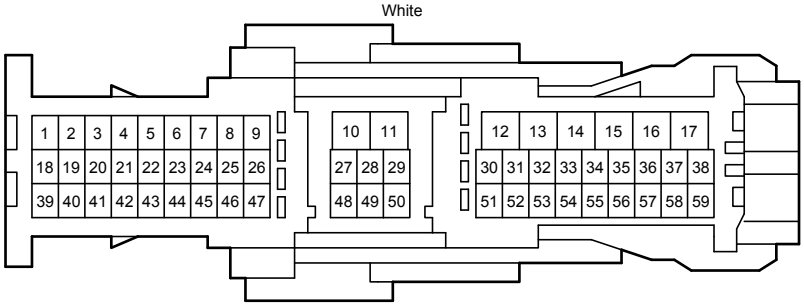
F 73
Blue



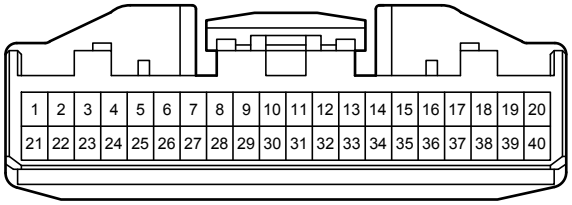
F 76
Black



F 77
White



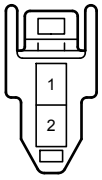
I 18
White



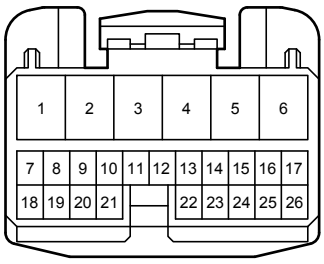
K 28
White



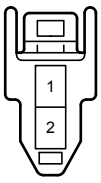
K 29
White



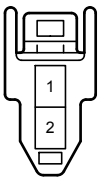
K 34
Black



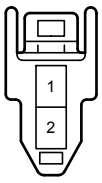
K 39
White



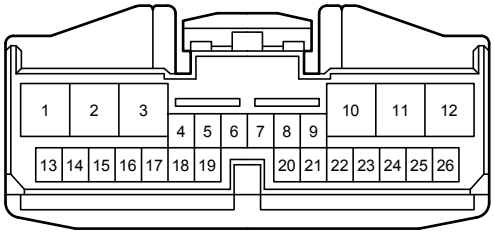
L 29
White



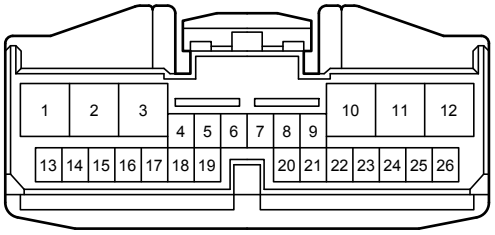
L 30
White



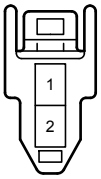
L 50
White



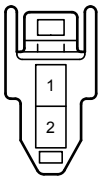
L 52
White



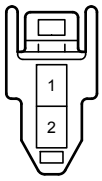
L 54
White



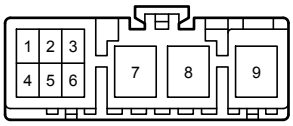
L 57
White



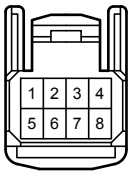
L 58
White



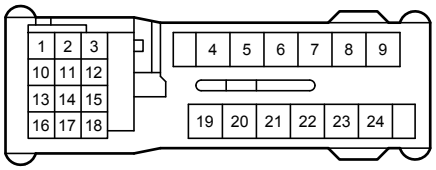
L 60
White



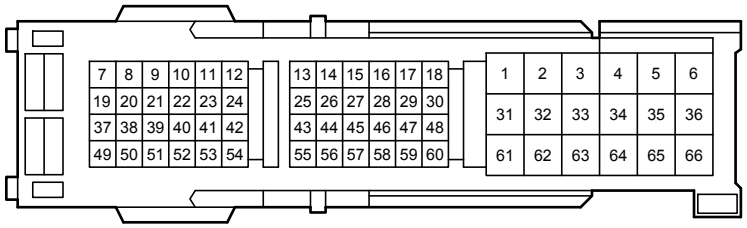
c 15
White



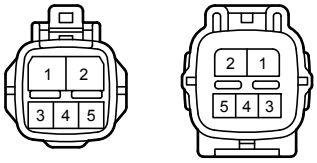
2B
White



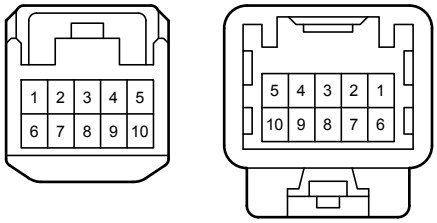
2D
White



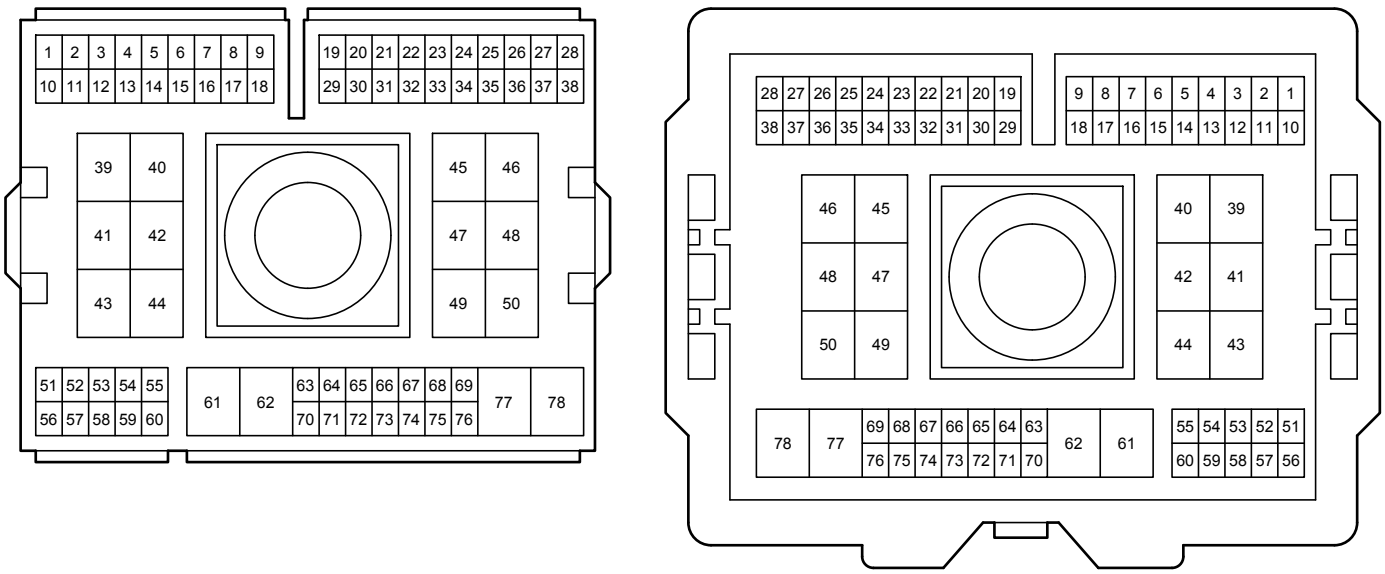
AA1
Gray



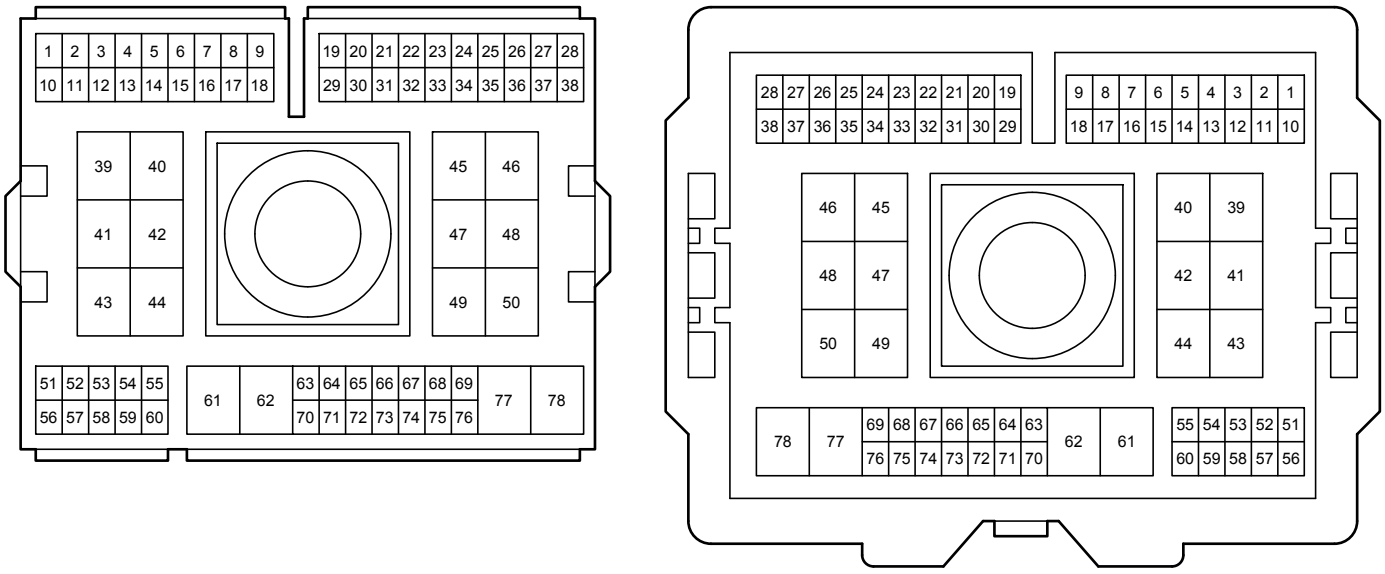
AE3
Gray



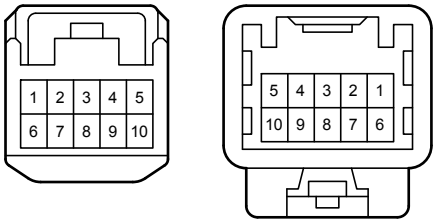
EA1
White



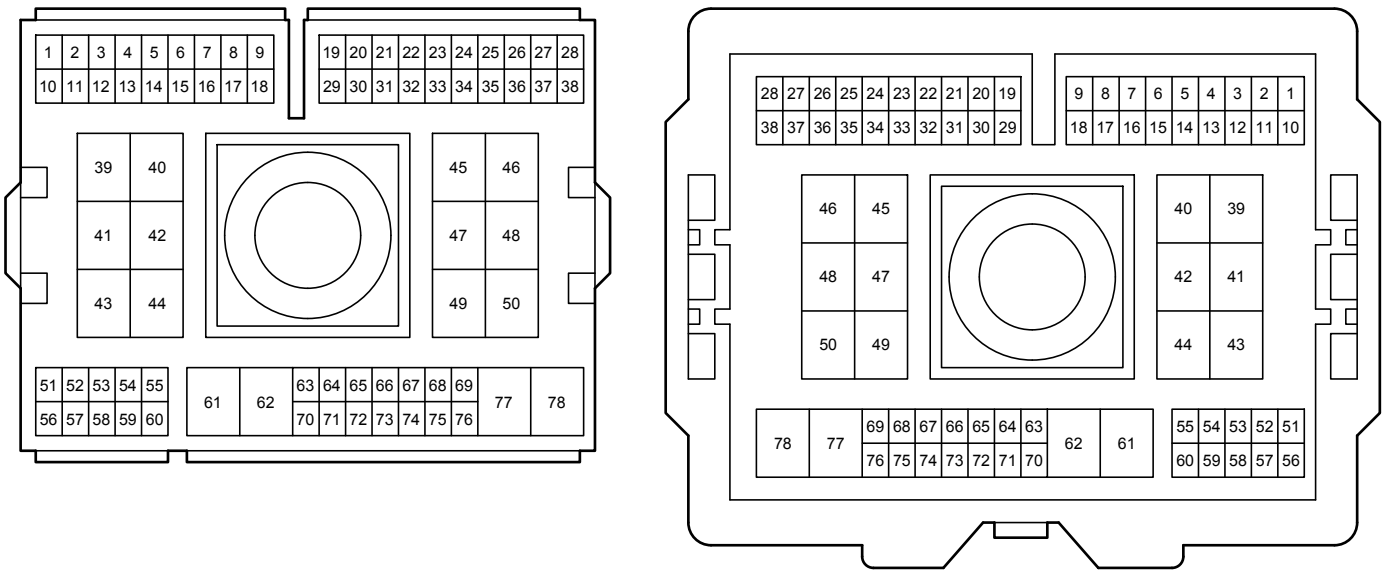
EA3
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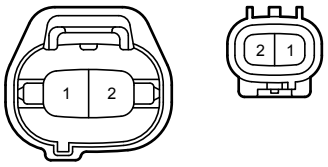
EE1
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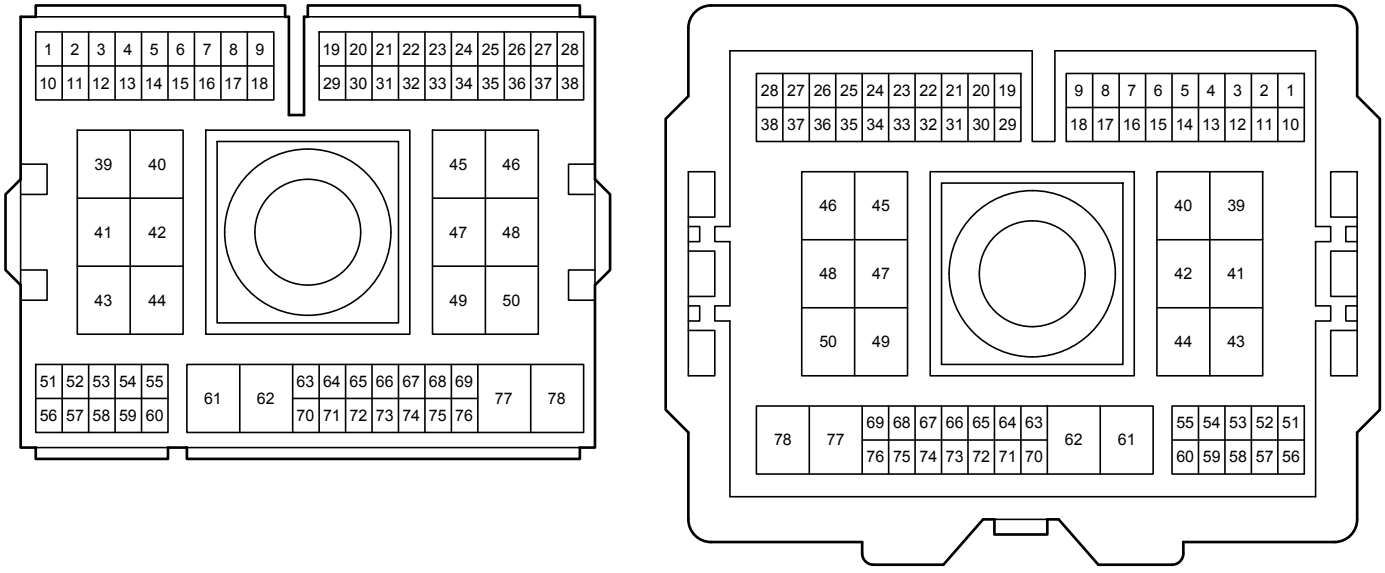
EK2
White



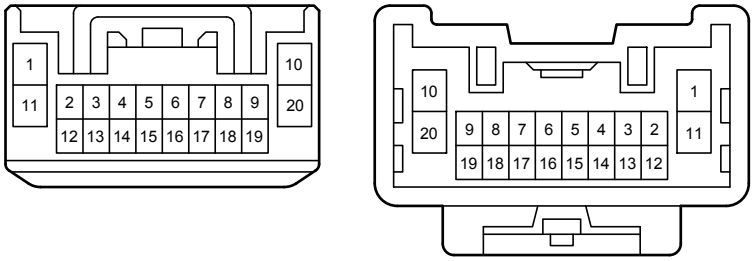
EK4
White



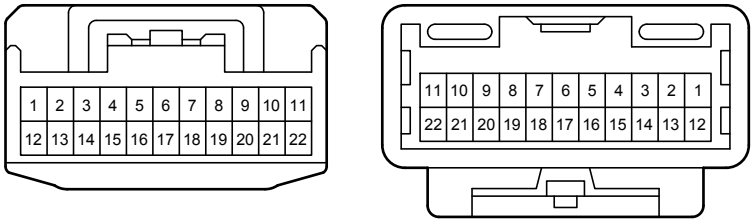
EL1
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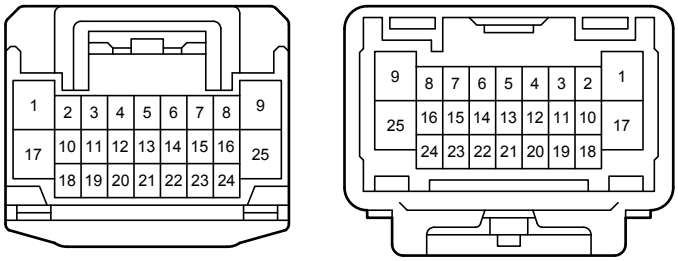
FE4
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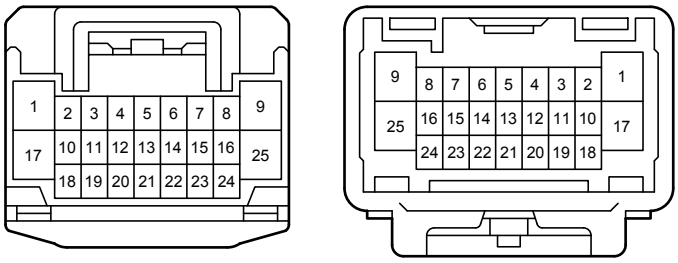
IE4
Gray



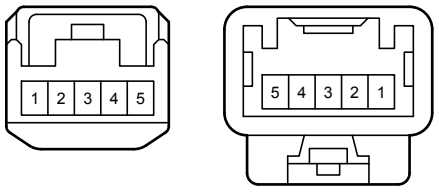
KL1
White

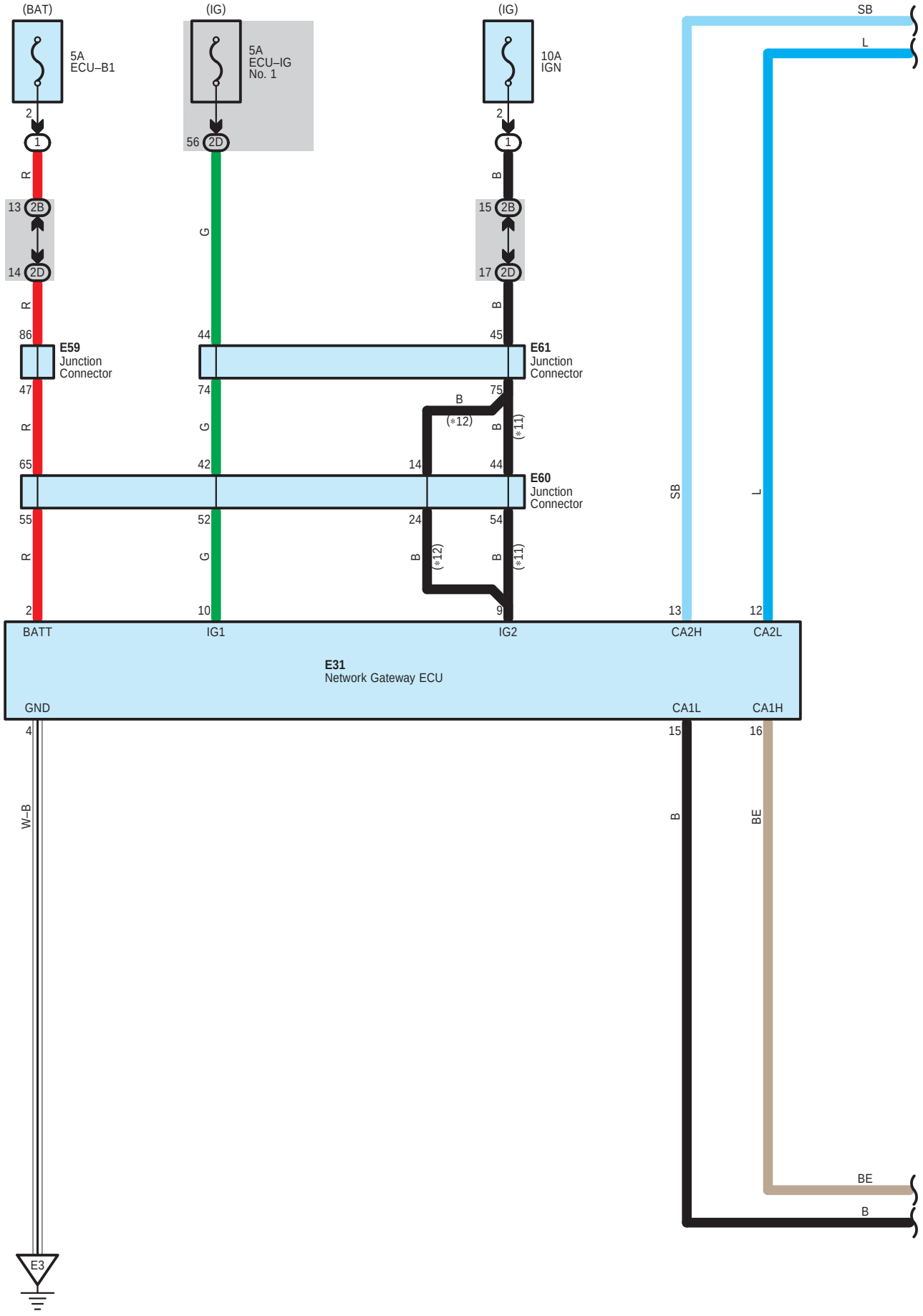


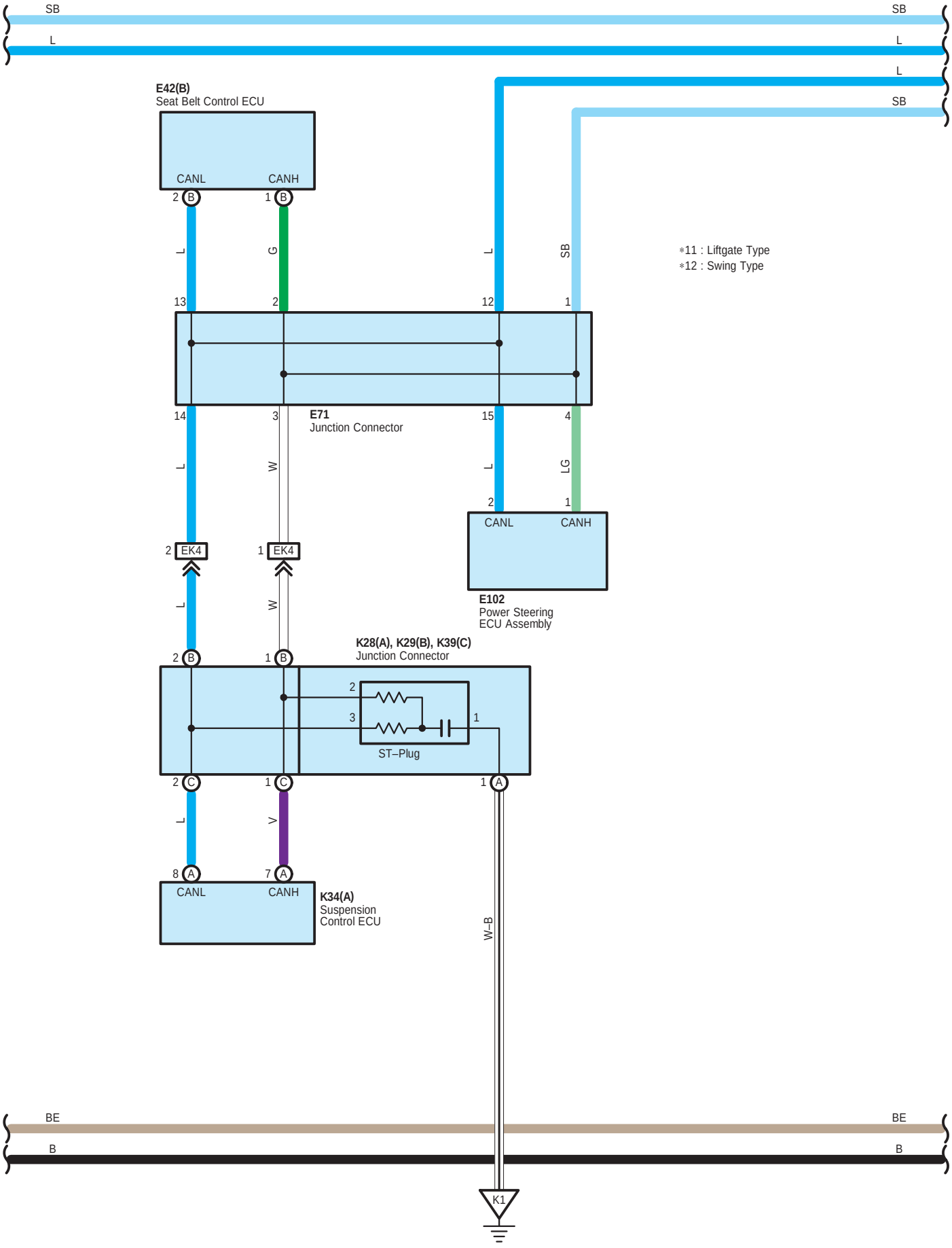
Kc1
White

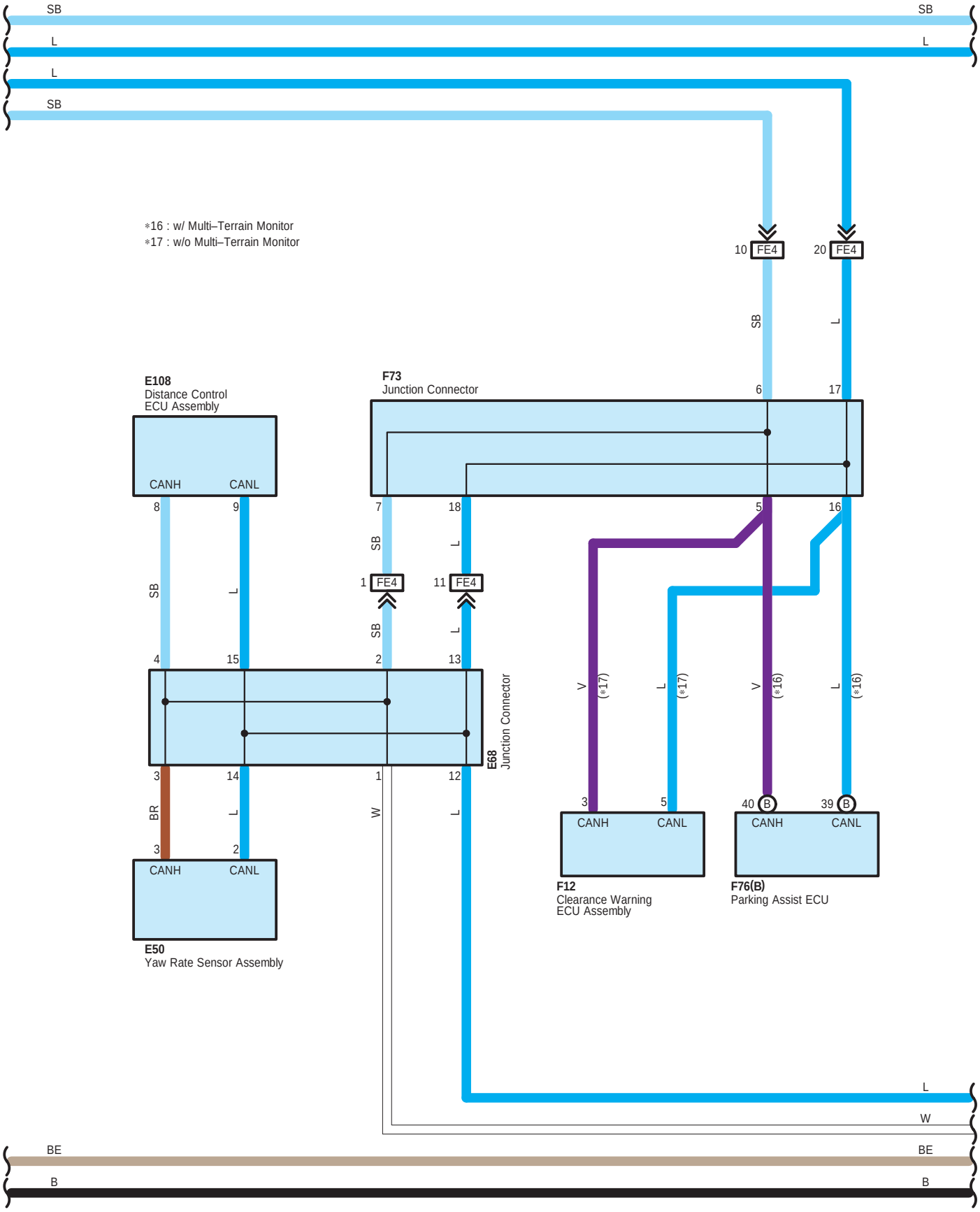


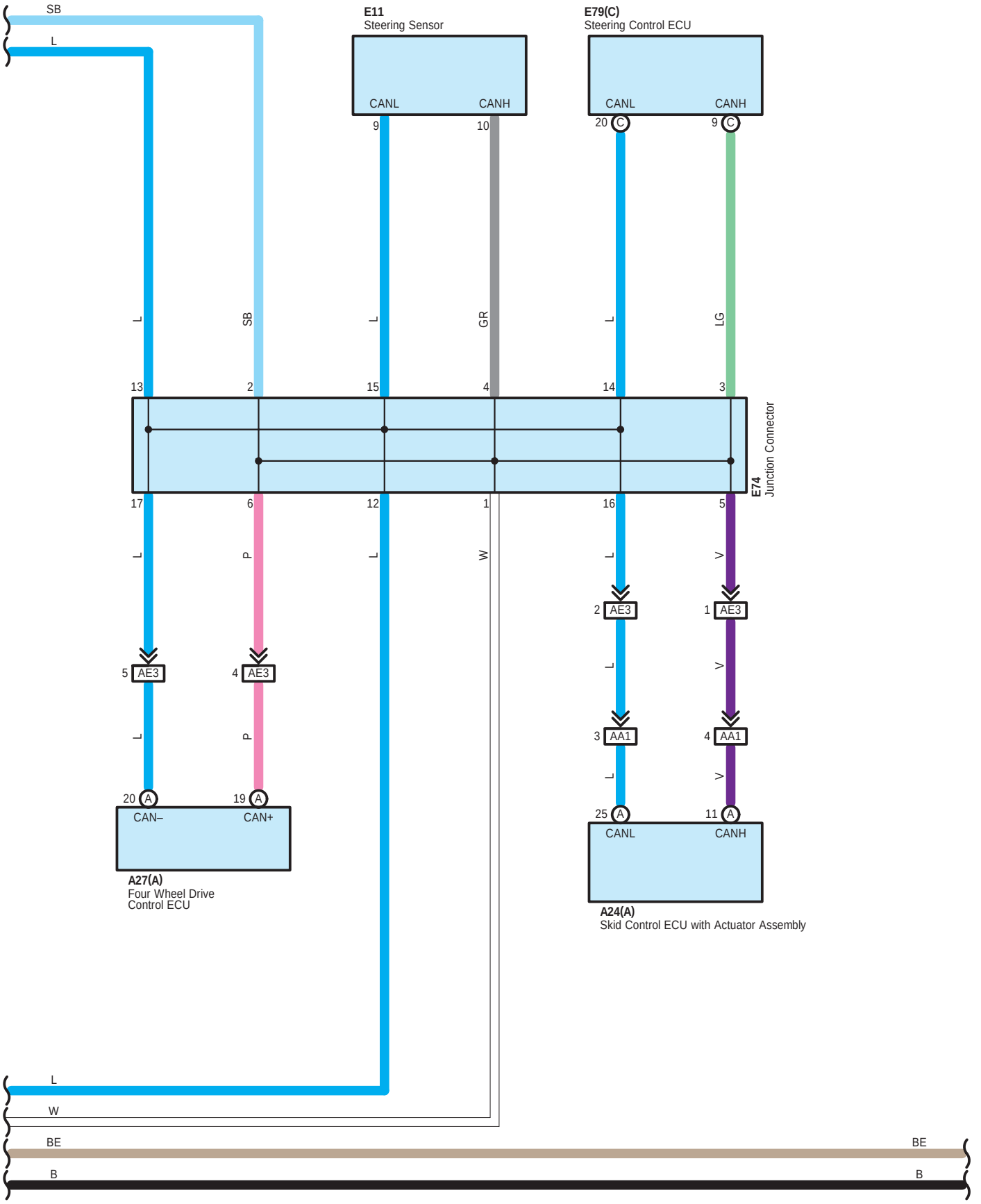
LL3
White

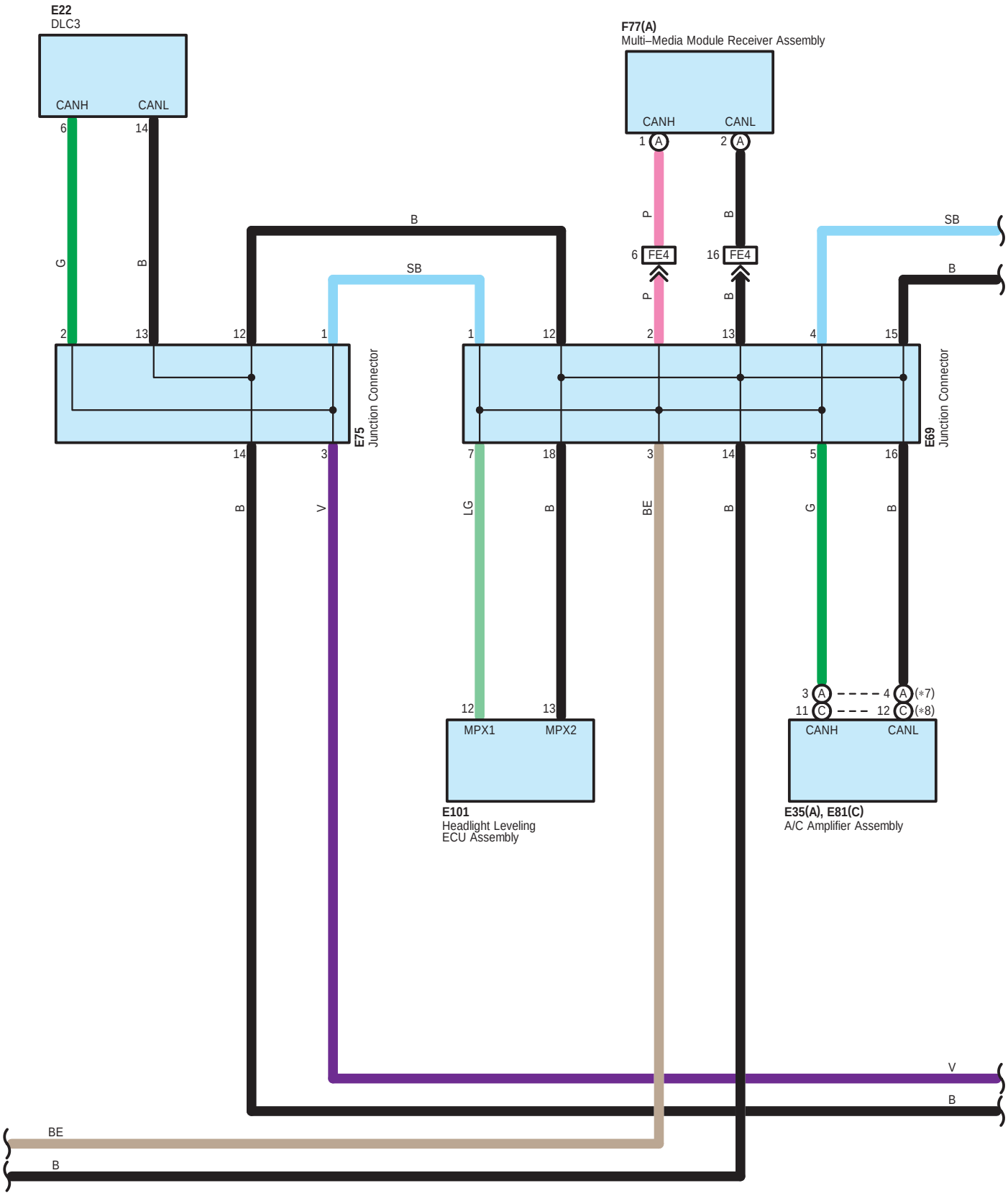



(BAT)
5A
ECU–B1
2
1
R
13 2B
14 2D
R
86
E59
Junction
Connector
47
R
65
55
R
2
BATT
(IG)
5A
ECU–IG
No. 1
56 2D
G
44
74
G
42
52
G
10
IG1
(IG)
10A
IGN
2
1
B
15 2B
17 2D
B
45
E61
Junction
Connector
75
B
(*11)
B
(*12)
14
44
E60
Junction
Connector
24
54
B
(*12)
B
(*11)
9
IG2
SB
L
SB
L
13
12
CA2H
CA2L
E31
Network Gateway ECU
GND
4
W–B
E3
CA1L
CA1H
15
16
B
BE
BE
B

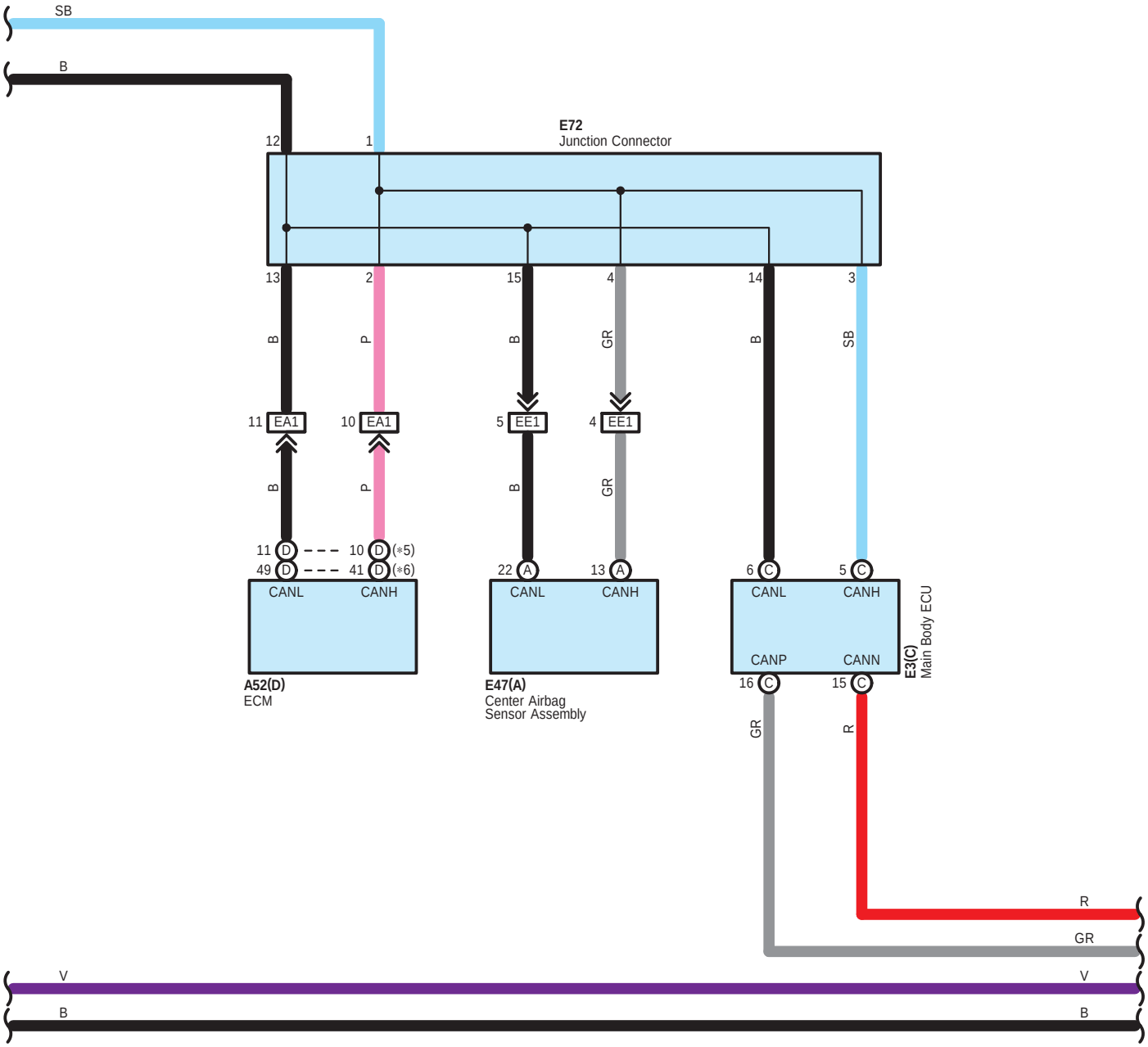

SB
L
SB
L
L
SB
E42(B)
Seat Belt Control ECU
CANL
CANH
2 B
1 B
L
G
L
SB
∗11 : Liftgate Type
∗12 : Swing Type
13
2
12
1
E71
Junction Connector
14
3
15
4
L
W
L
LG
2
1
CANL
CANH
2 EK4
1 EK4
E102
Power Steering
ECU Assembly
L
W
K28(A), K29(B), K39(C)
Junction Connector
2 B
1 B
2
3
1
ST–Plug
2 C
1 C
1 A
L
V
W–B
8 A
7 A
CANL
CANH
K34(A)
Suspension
Control ECU
BE
B
BE
B
K1

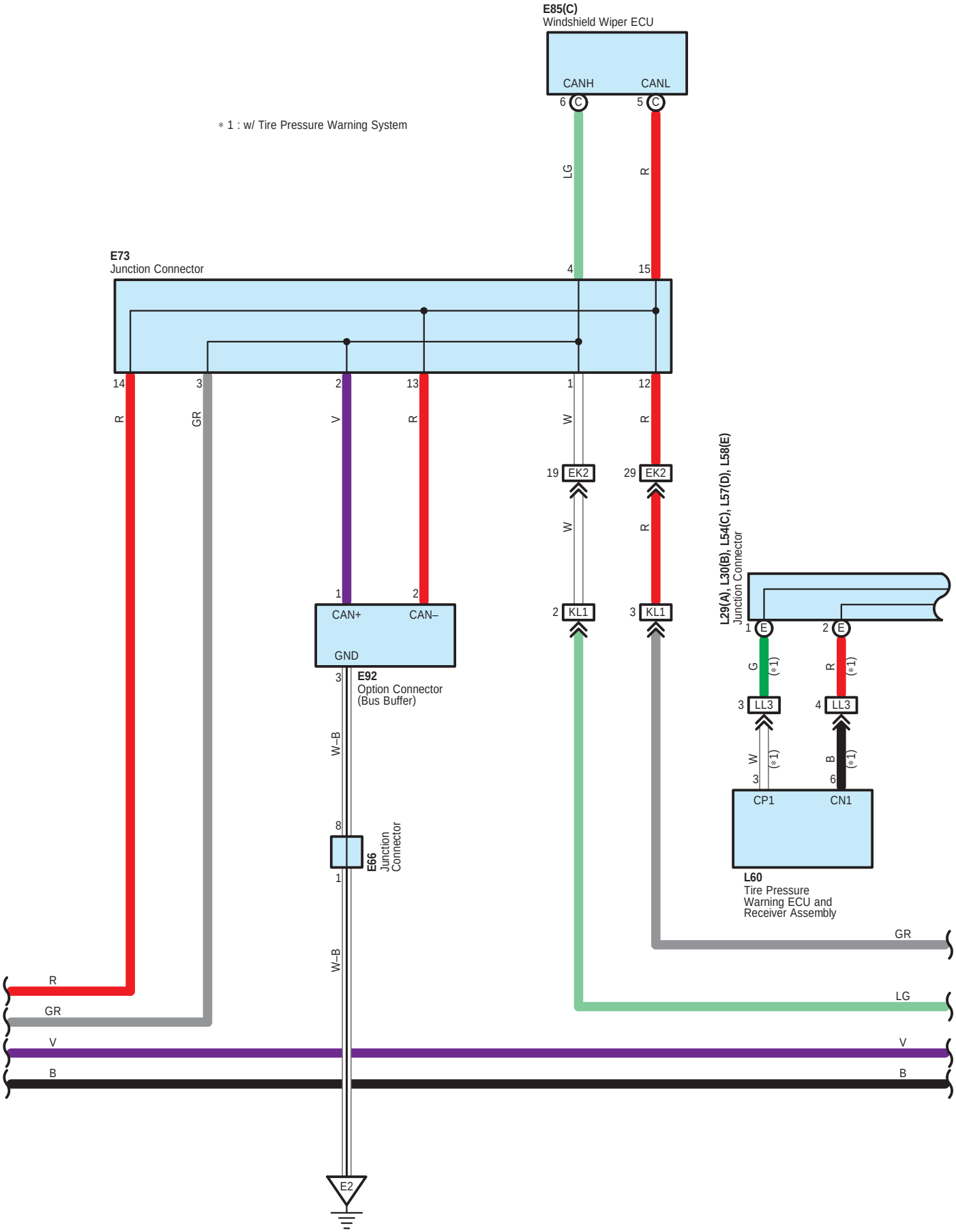

SB
L
L
SB
SB
L
*16 : w/ Multi–Terrain Monitor
*17 : w/o Multi–Terrain Monitor
10 FE4
20 FE4
SB
L
E108
Distance Control
ECU Assembly
CANH
CANL
8
9
SB
L
4
15
F73
Junction Connector
6
17
7
18
5
16
SB
L
1 FE4
11 FE4
SB
L
2
13
E68
Junction Connector
V
(*17)
L
(*17)
V
(*16)
L
(*16)
3
14
1
12
BR
L
W
L
3
2
3
CANH
CANL
E50
Yaw Rate Sensor Assembly
3
5
CANH
CANL
F12
Clearance Warning
ECU Assembly
40 B
39 B
CANH
CANL
F76(B)
Parking Assist ECU
L
W
BE
BE
B
B

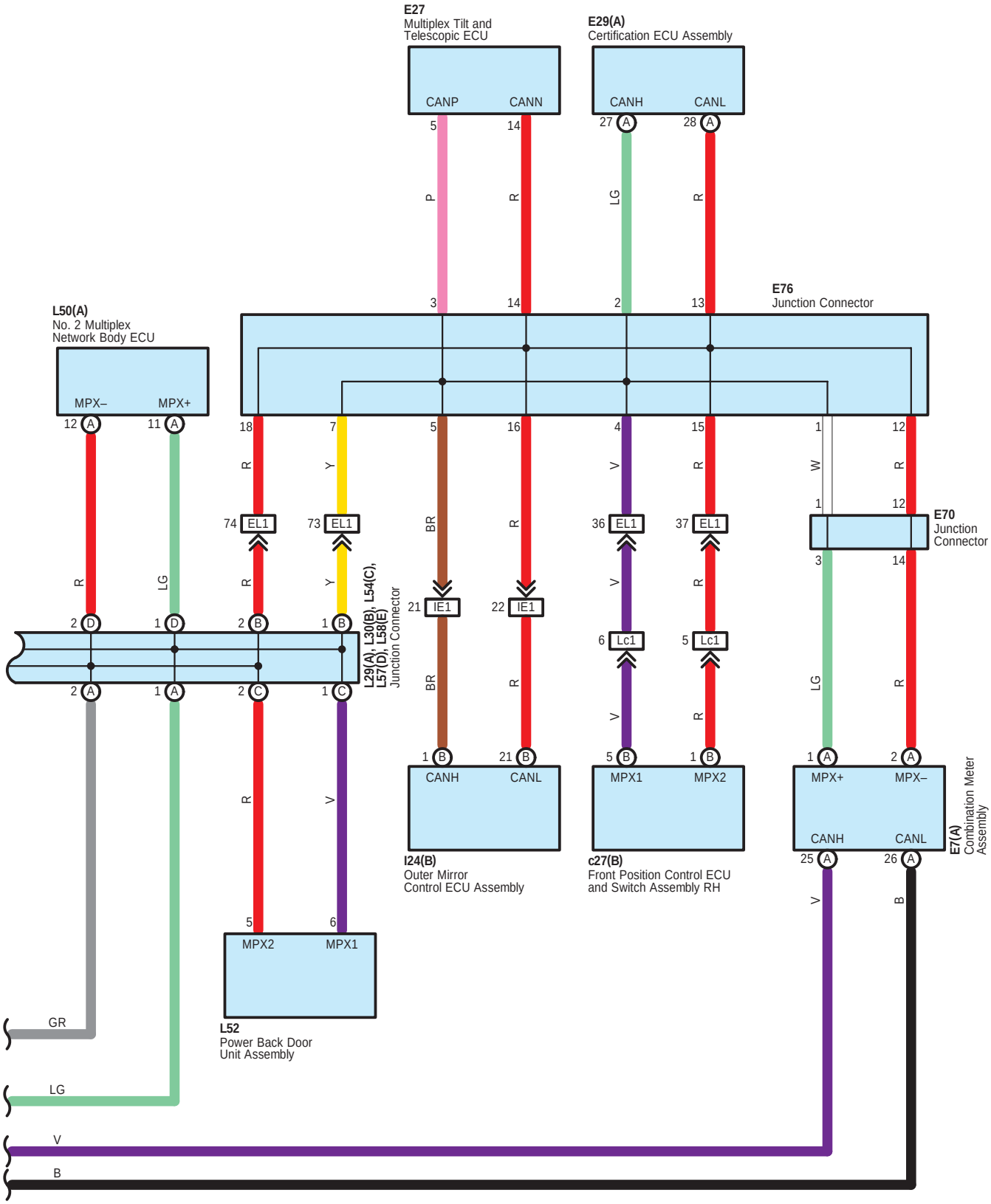

SB
L
E11
Steering Sensor
CANL
CANH
9
10
E79(C)
Steering Control ECU
CANL
CANH
20 C
9 C
L
SB
L
GR
L
LG
13
2
15
4
14
3
E74
Junction Connector
17
6
12
1
16
5
L
P
L
W
L
V
2 AE3
1 AE3
5 AE3
4 AE3
L
V
L
P
3 AA1
4 AA1
L
V
20 A
19 A
25 A
11 A
CAN–
CAN+
CANL
CANH
A27(A)
Four Wheel Drive
Control ECU
A24(A)
Skid Control ECU with Actuator Assembly
L
W
BE
BE
B
B


E22
DLC3
CANH
CANL
6
14
G
B
2
13
12
1
B
SB
E75
Junction Connector
14
3
B
V
F77(A)
Multi–Media Module Receiver Assembly
CANH
CANL
1 A
2 A
P
B
6 FE4
16 FE4
P
B
2
13
1
12
7
18
LG
B
12
13
MPX1
MPX2
E101
Headlight Leveling
ECU Assembly
3
14
BE
B
SB
B
4
15
E69
Junction Connector
5
16
G
B
3 A
4 A (*7)
11 C
12 C (*8)
CANH
CANL
E35(A), E81(C)
A/C Amplifier Assembly
V
B
BE
B

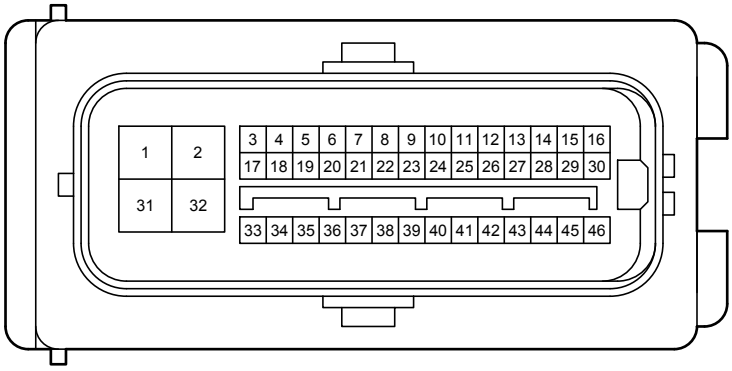
* 5 : 1UR–FE, 1GR–FE
* 6 : 1VD–FTV
* 7 : w/ Rear A/C
* 8 : w/o Rear A/C



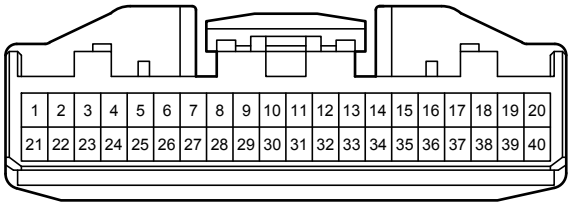

E85(C)
Windshield Wiper ECU
CANH
CANL
6
5
* 1 : w/ Tire Pressure Warning System
LG
R
E73
Junction Connector
4
15
14
3
2
13
1
12
R
GR
V
R
W
R
19
EK2
29
EK2
W
R
1
2
CAN+
CAN–
GND
2
KL1
3
KL1
L29(A), L30(B), L54(C), L57(D), L58(E)
Junction Connector
1
E
2
E
G
(*1)
R
(*1)
3
LL3
4
LL3
W
(*1)
B
(*1)
3
6
CP1
CN1
L60
Tire Pressure
Warning ECU and
Receiver Assembly
3
E92
Option Connector
(Bus Buffer)
W–B
8
E66
Junction
Connector
1
W–B
GR
R
GR
LG
V
V
B
B
E2


E27
Multiplex Tilt and Telescopic ECU
CANP
CANN
E29(A)
Certification ECU Assembly
CANH
CANL
E76
Junction Connector
L50(A)
No. 2 Multiplex Network Body ECU
MPX–
MPX+
E70
Junction Connector
L29(A), L30(B), L54(C), L57(D), L58(E)
Junction Connector
I24(B)
Outer Mirror Control ECU Assembly
c27(B)
Front Position Control ECU and Switch Assembly RH
E7(A)
Combination Meter Assembly
MPX1
MPX2
L52
Power Back Door Unit Assembly
EL1
IE1
Lc1
GR
LG
V
B

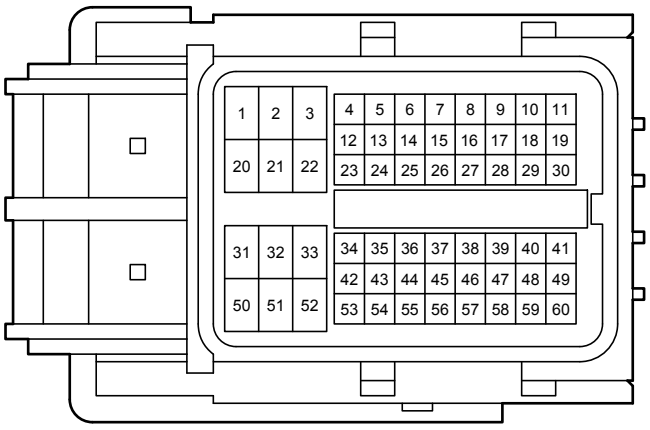
A 24
Black



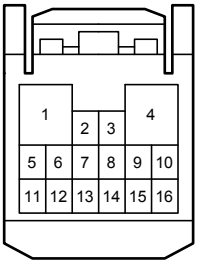
A 27
Black



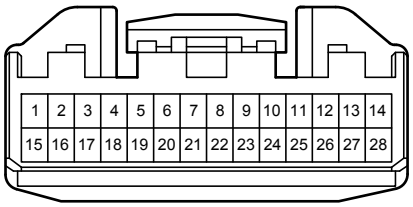
A 52
Black



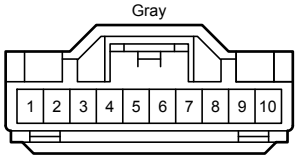
E 3
White



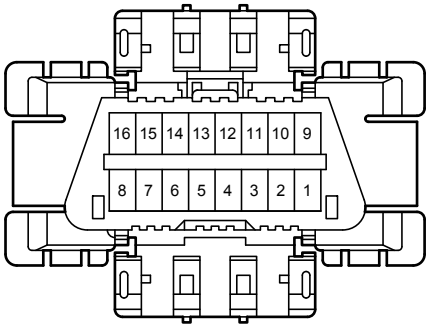
E 7
White



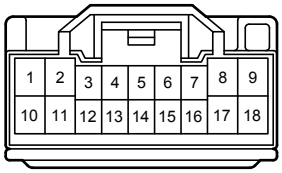
E 11
Gray



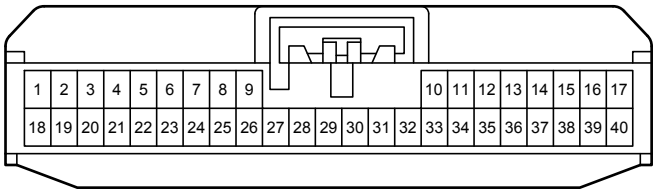
E 22
White



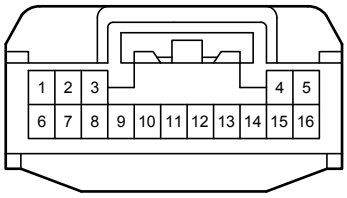
E 27
White



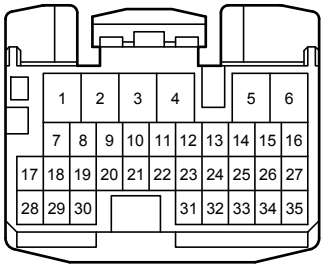
E 29
White



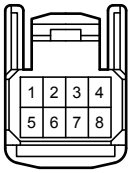
E 31
White



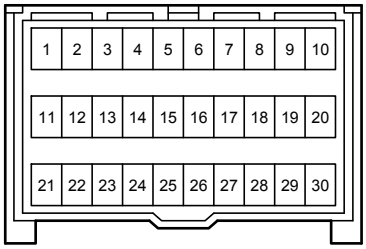
E 35
White



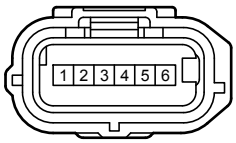
E 42
White



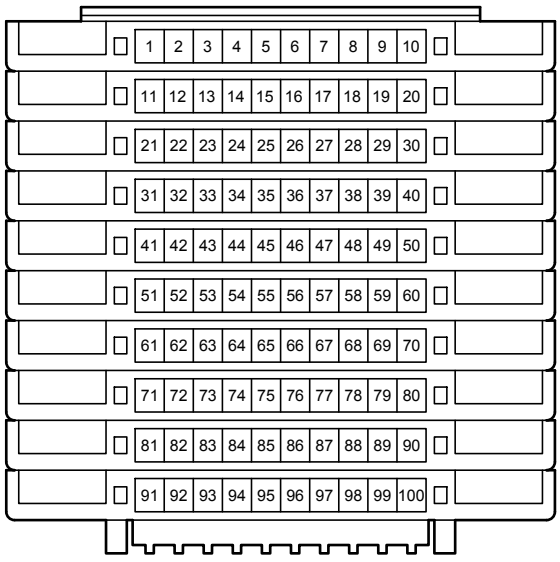
E 47
Yellow



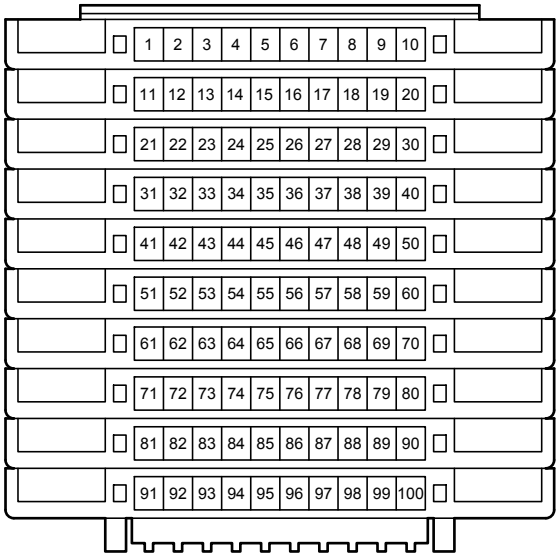
E 50
Black



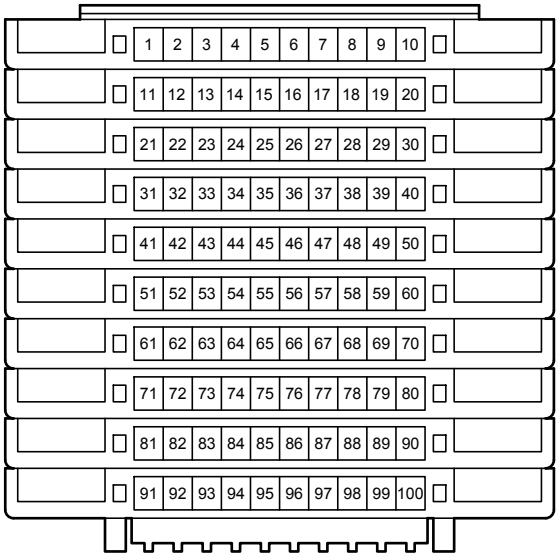
E 59



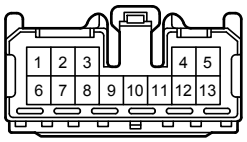
E 60



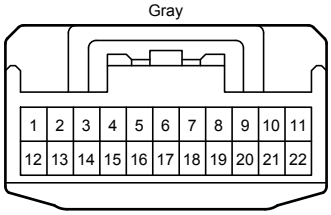
E 61



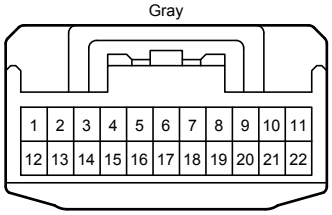
E 66
White



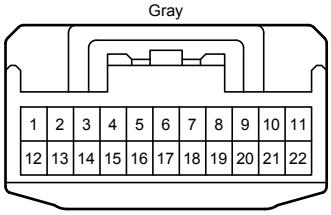
E 68
Gray



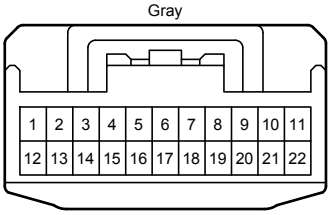
E 69
Gray



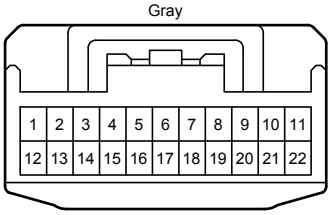
E 70
Gray



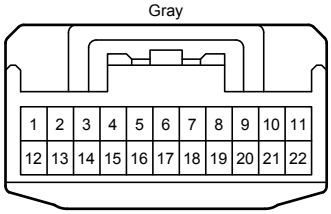
E 71
Gray



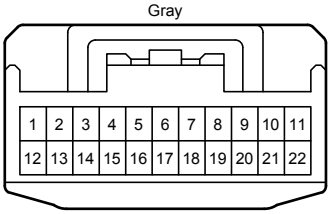
E 72
Gray



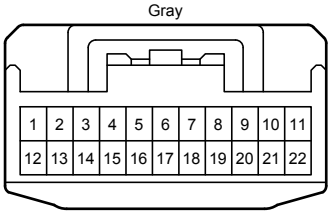
E 73
Gray



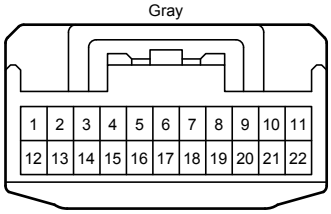
E 74
Gray



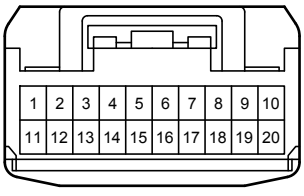
E 75
Gray



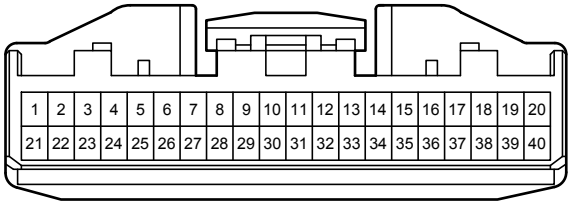
E 76
Gray



E 79
White



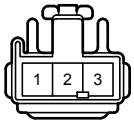
E 81
White



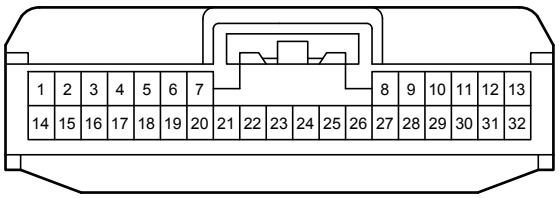
E 85
White



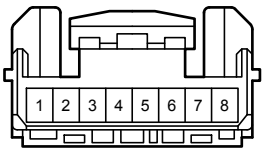
E 92
White



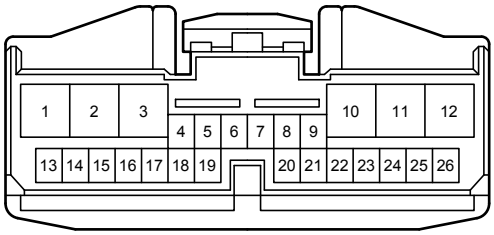
E101
White



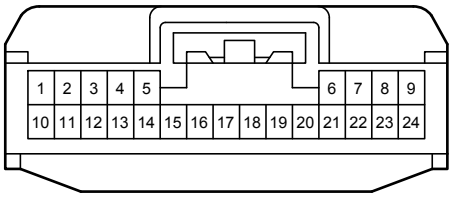
E102
White



E108
White

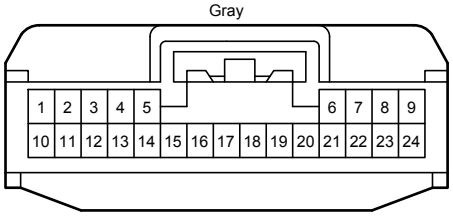


F 12
White



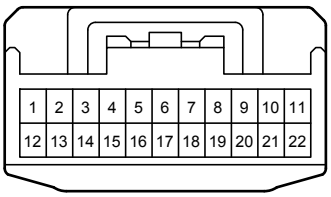
(Before Aug. 2007 Production)

F 12
Gray

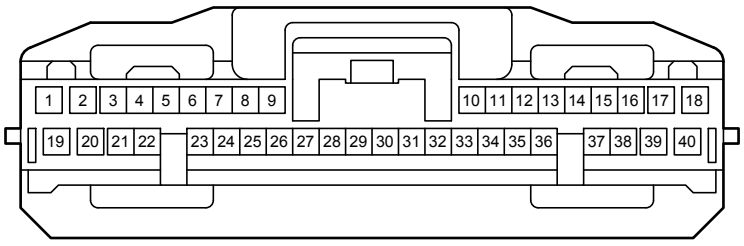


(From Aug. 2007 Production)

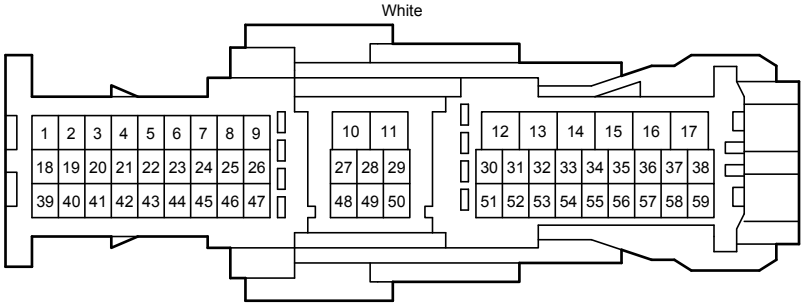
F 73
Blue



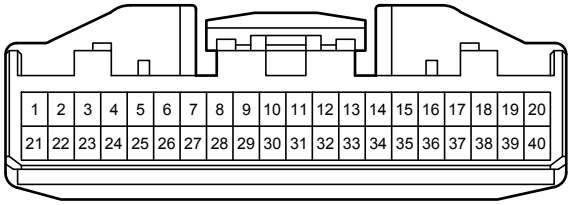
F 76
Black



F 77
White



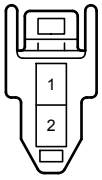
I 24
White



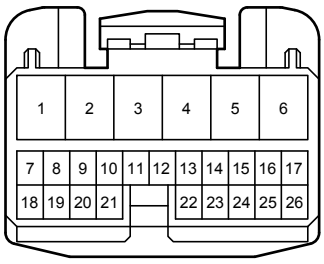
K 28
White



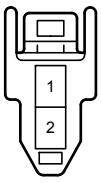
K 29
White



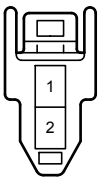
K 34
Black



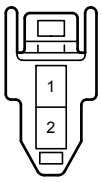
K 39
White



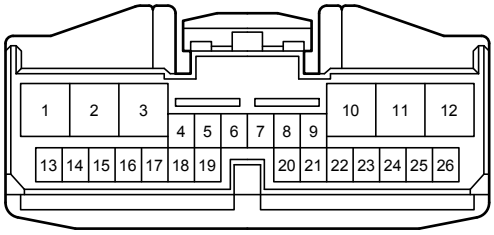
L 29
White



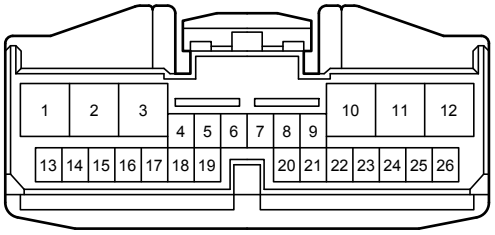
L 30
White



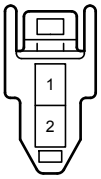
L 50
White



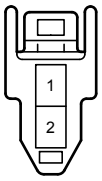
L 52
White



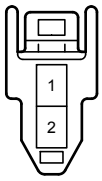
L 54
White



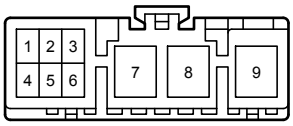
L 57
White



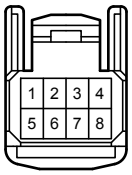
L 58
White



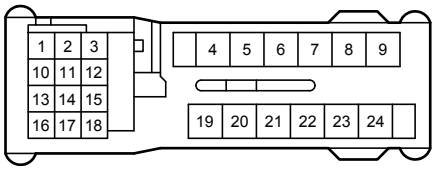
L 60
White



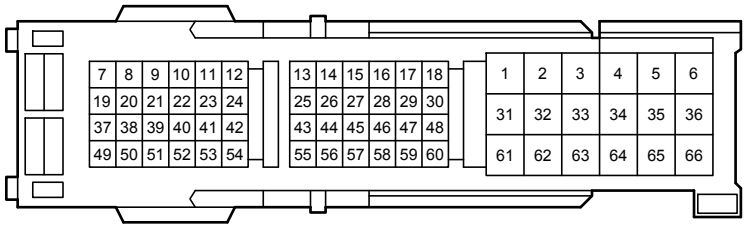
c 27
White



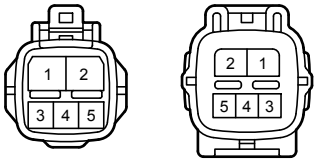
2B
White



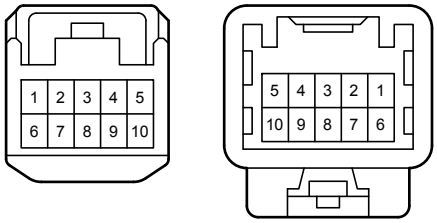
2D
White



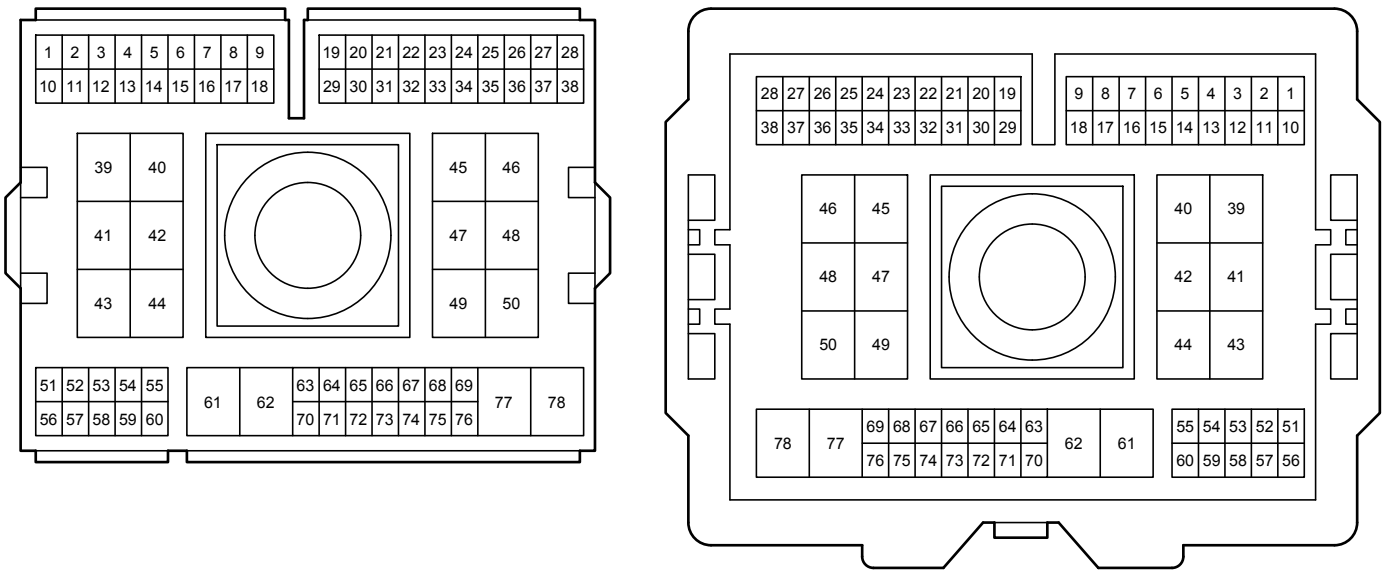
AA1
Gray



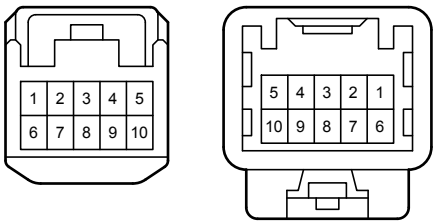
AE3
Gray



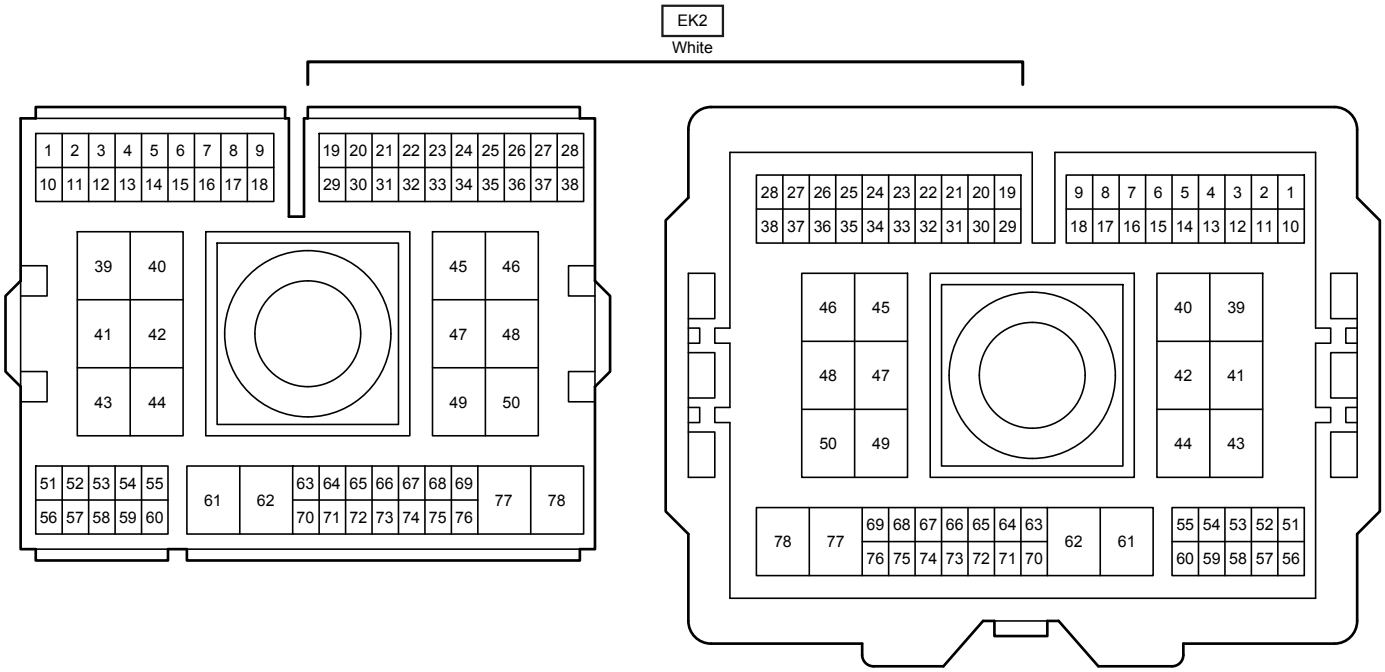
EA1
White



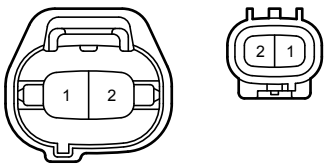
EE1
White



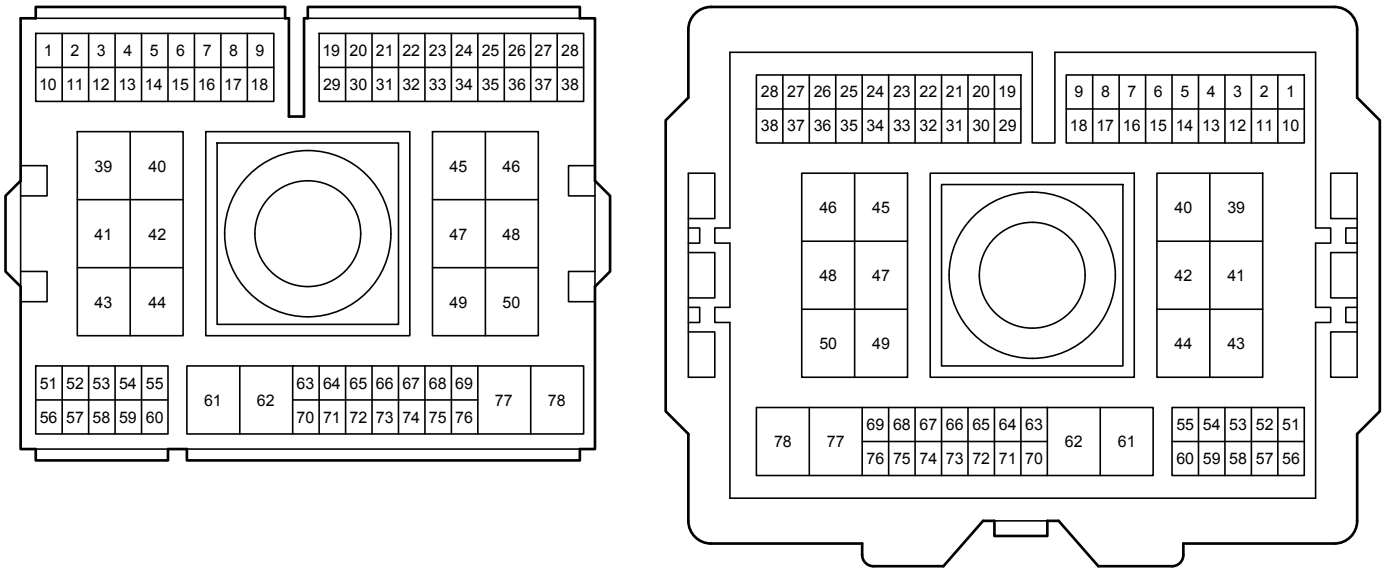
EK2
White



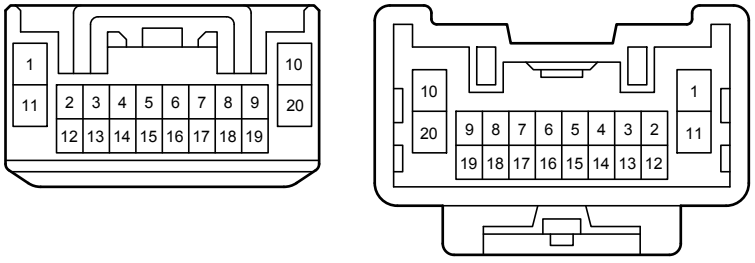
EK4
White



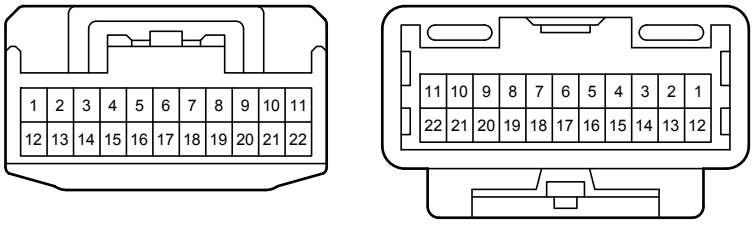
EL1
White

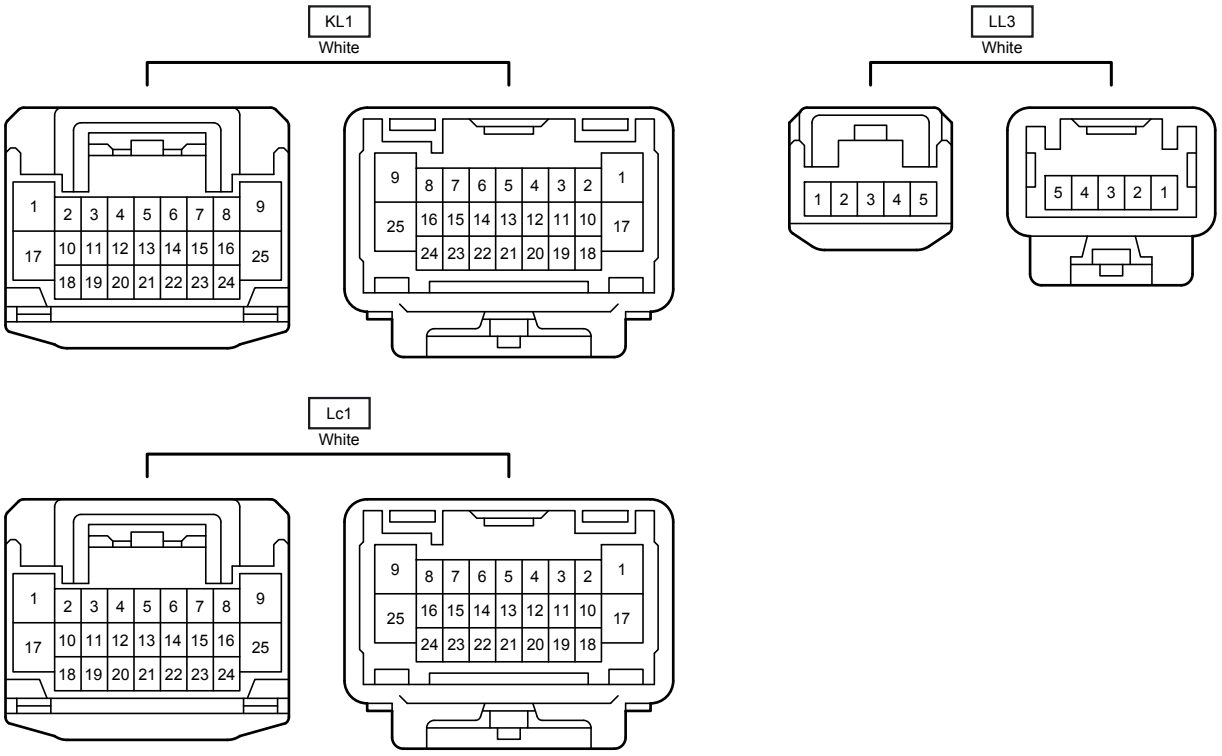


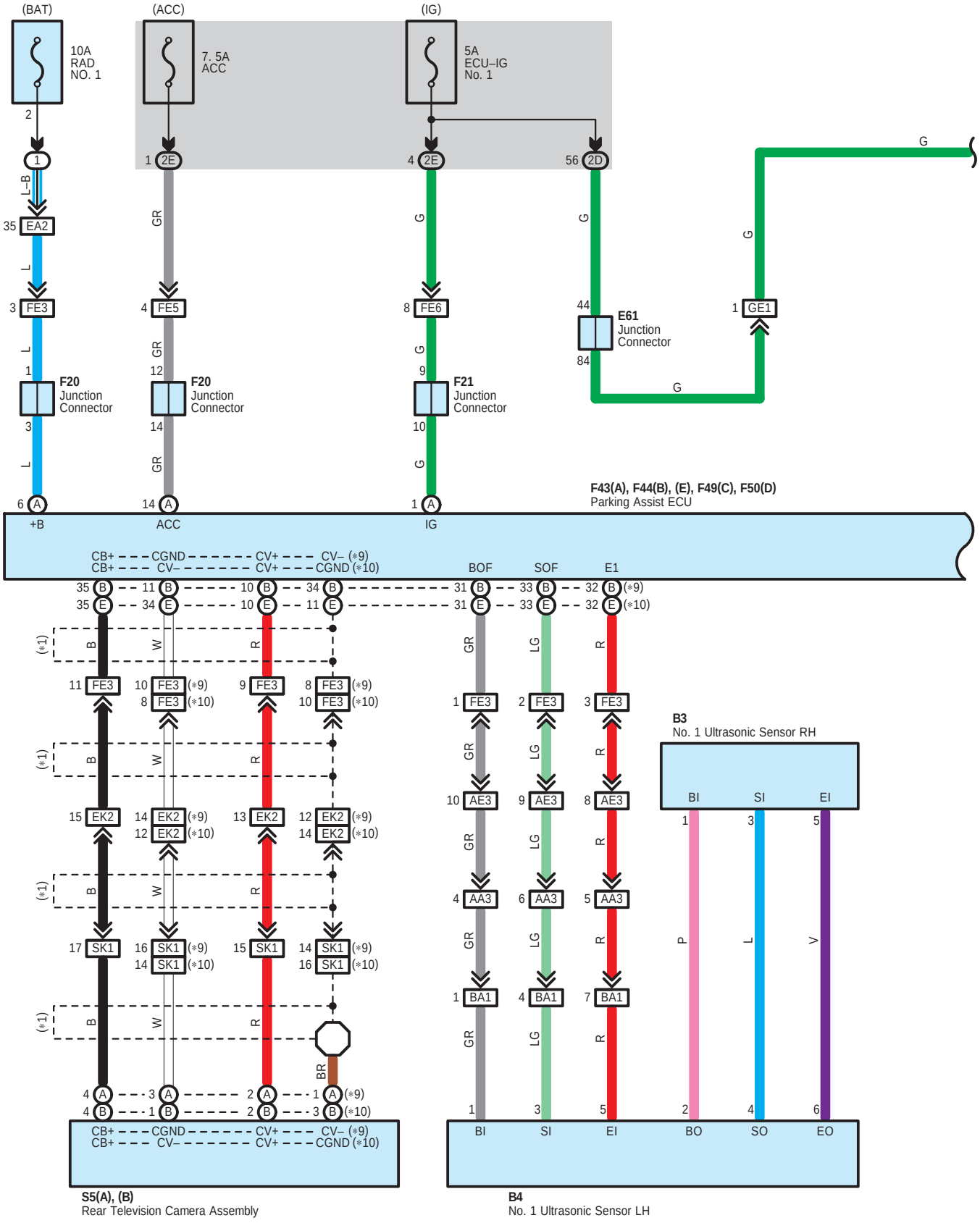
FE4
White

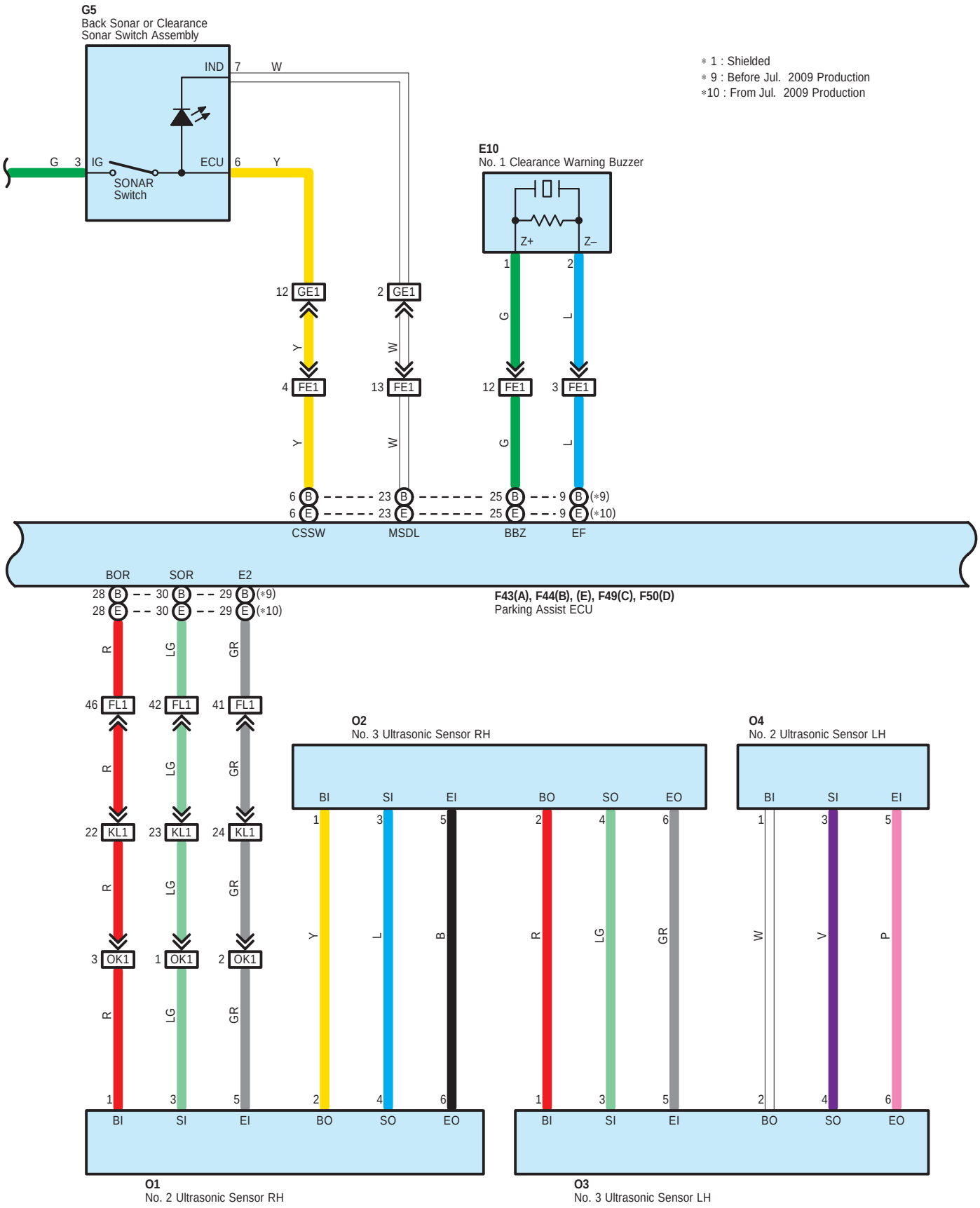


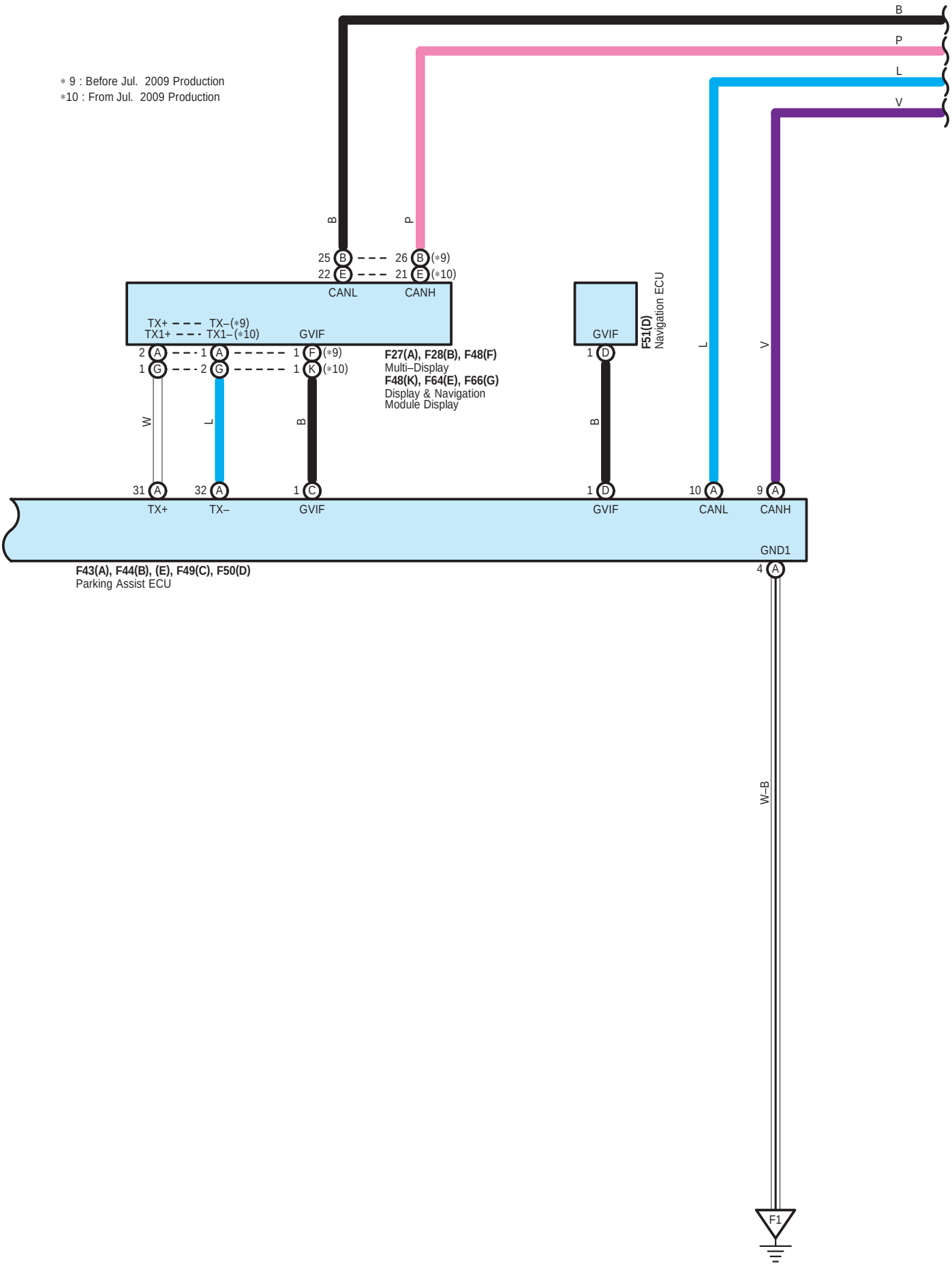
IE1
Gray

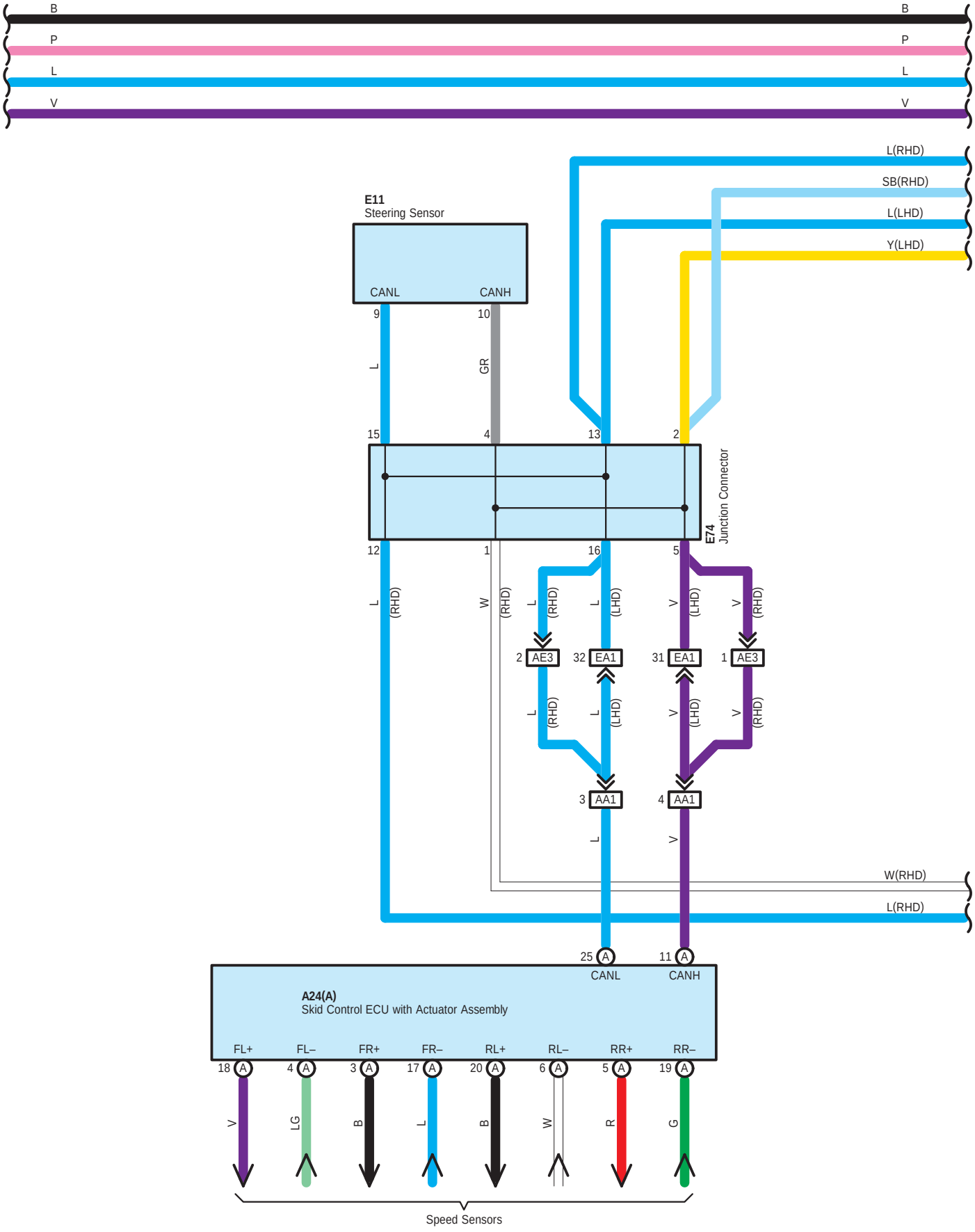


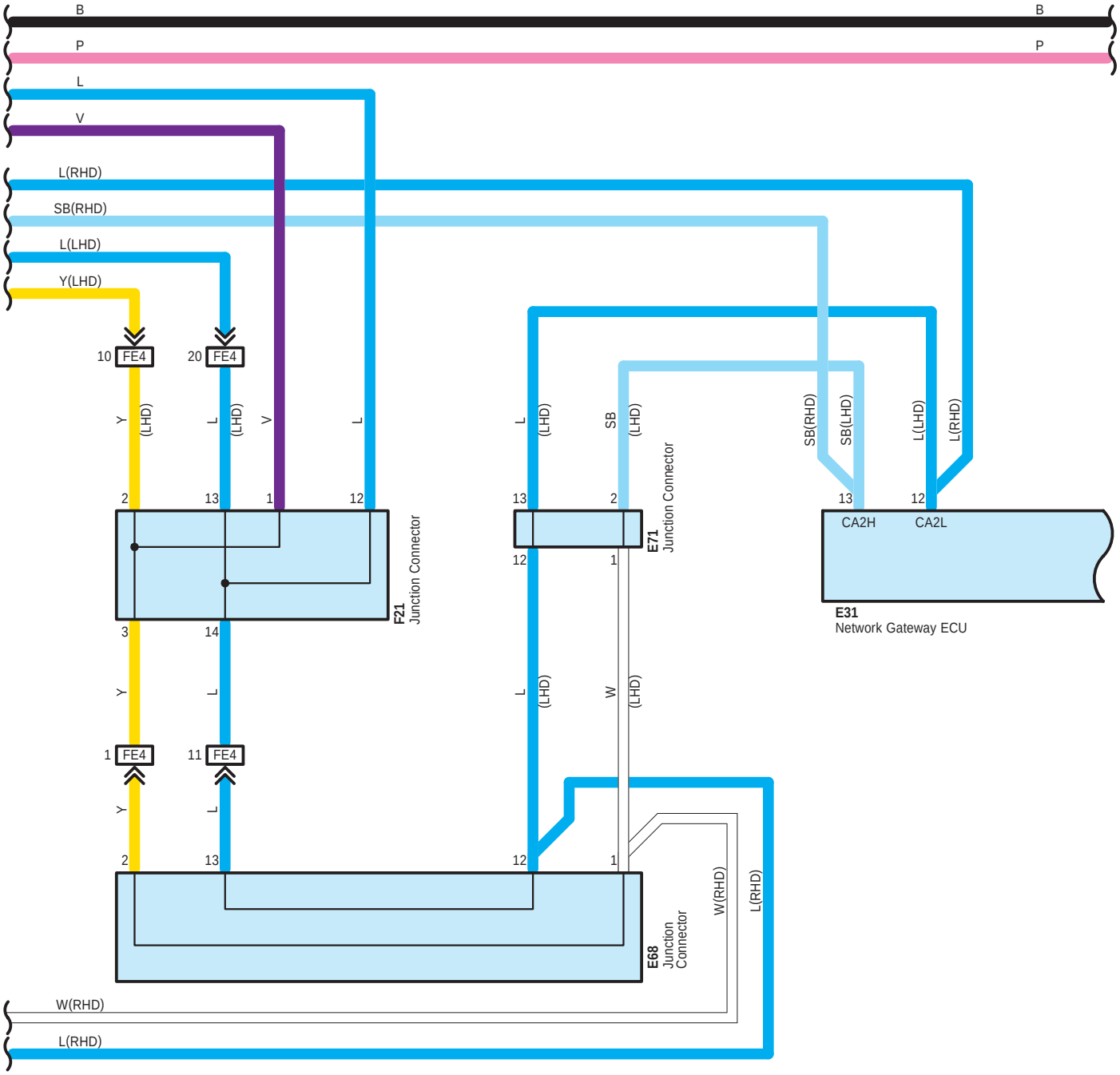

KL1
White
1 2 3 4 5 6 7 8 9
17 10 11 12 13 14 15 16 25
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18
LL3
White
1 2 3 4 5
5 4 3 2 1
Lc1
White
1 2 3 4 5 6 7 8 9
17 10 11 12 13 14 15 16 25
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18

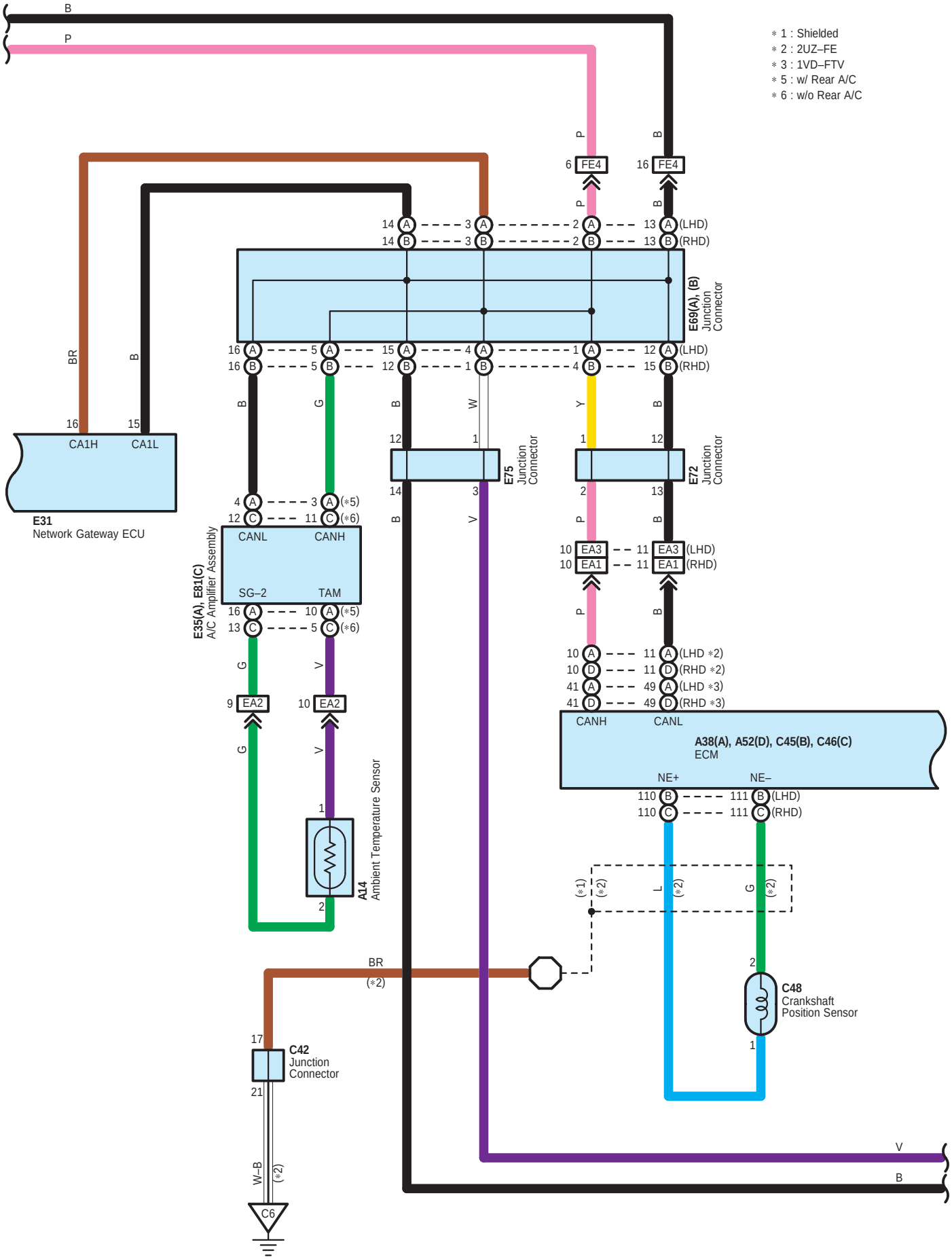

(BAT)
(ACC)
(IG)
10A RAD NO. 1
7. 5A ACC
5A ECU–IG No. 1
L–B
GR
G
F20 Junction Connector
F21 Junction Connector
E61 Junction Connector
GE1
F43(A), F44(B), (E), F49(C), F50(D) Parking Assist ECU
+B
ACC
IG
CB+ CGND CV+ CV– (*9)
CB+ CV– CV+ CGND (*10)
BOF
SOF
E1
B3 No. 1 Ultrasonic Sensor RH
BI
SI
EI
BO
SO
EO
S5(A), (B) Rear Television Camera Assembly
B4 No. 1 Ultrasonic Sensor LH

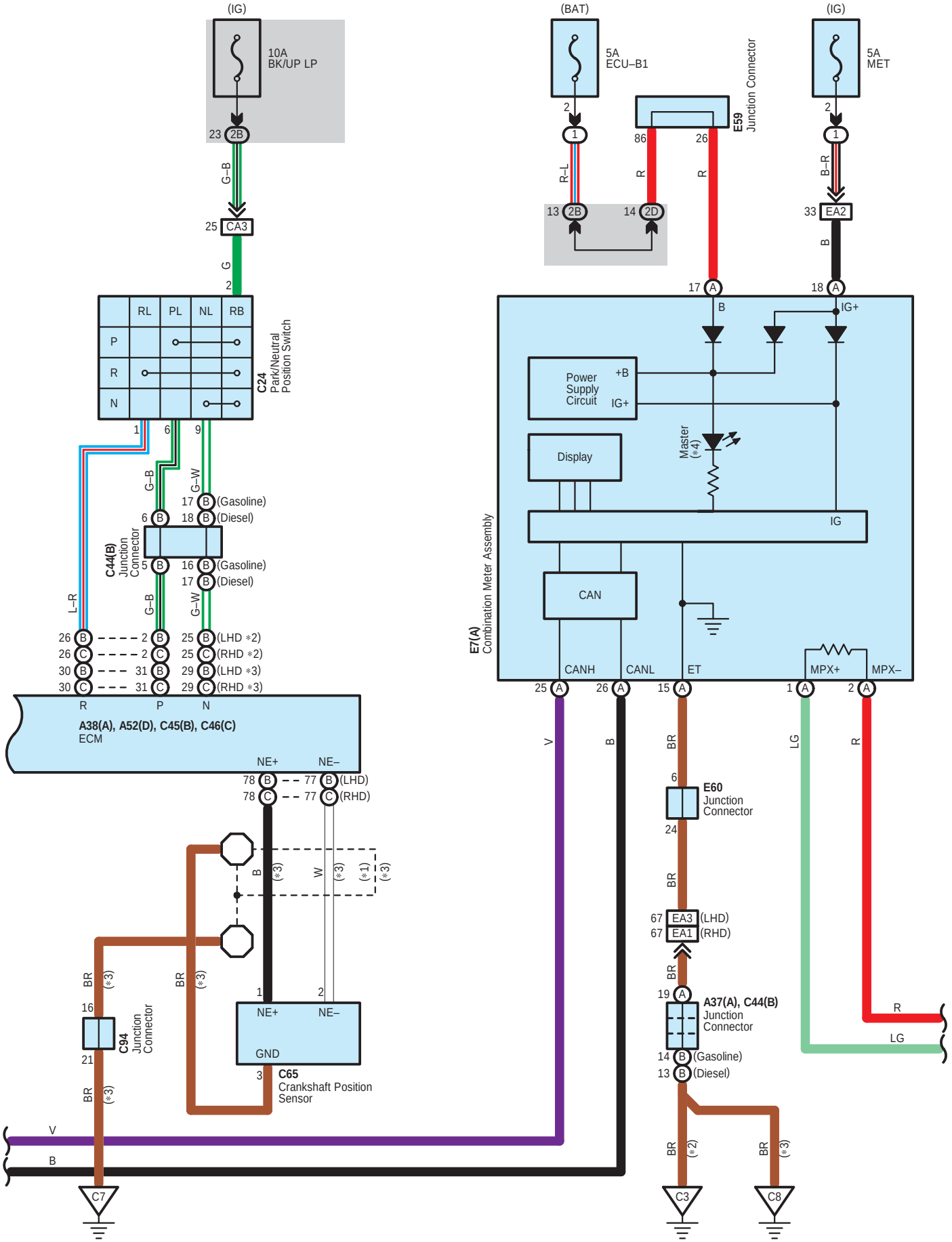

G5
Back Sonar or Clearance Sonar Switch Assembly
IND 7 W
G 3 IG
ECU 6 Y
SONAR Switch
∗ 1 : Shielded
∗ 9 : Before Jul. 2009 Production
∗10 : From Jul. 2009 Production
E10
No. 1 Clearance Warning Buzzer
Z+
Z–
12 GE1
2 GE1
4 FE1
13 FE1
12 FE1
3 FE1
6 B
6 E
23 B
23 E
25 B
25 E
9 B (∗9)
9 E (∗10)
CSSW
MSDL
BBZ
EF
BOR
SOR
E2
28 B
28 E
30 B
30 E
29 B (∗9)
29 E (∗10)
F43(A), F44(B), (E), F49(C), F50(D)
Parking Assist ECU
46 FL1
42 FL1
41 FL1
22 KL1
23 KL1
24 KL1
3 OK1
1 OK1
2 OK1
O2
No. 3 Ultrasonic Sensor RH
O4
No. 2 Ultrasonic Sensor LH
BI SI EI BO SO EO
O1
No. 2 Ultrasonic Sensor RH
O3
No. 3 Ultrasonic Sensor LH


∗9 : Before Jul. 2009 Production
∗10 : From Jul. 2009 Production
B
P
L
V
25 B
26 B (∗9)
22 E
21 E (∗10)
CANL
CANH
TX+
TX–(∗9)
TX1+
TX1–(∗10)
GVIF
2 A
1 A
1 F (∗9)
1 G
2 G
1 K (∗10)
F27(A), F28(B), F48(F)
Multi–Display
F48(K), F64(E), F66(G)
Display & Navigation
Module Display
W
L
B
GVIF
1 D
F51(D)
Navigation ECU
B
L
V
31 A
32 A
1 C
1 D
10 A
9 A
TX+
TX–
GVIF
GVIF
CANL
CANH
GND1
4 A
F43(A), F44(B), (E), F49(C), F50(D)
Parking Assist ECU
W–B
F1

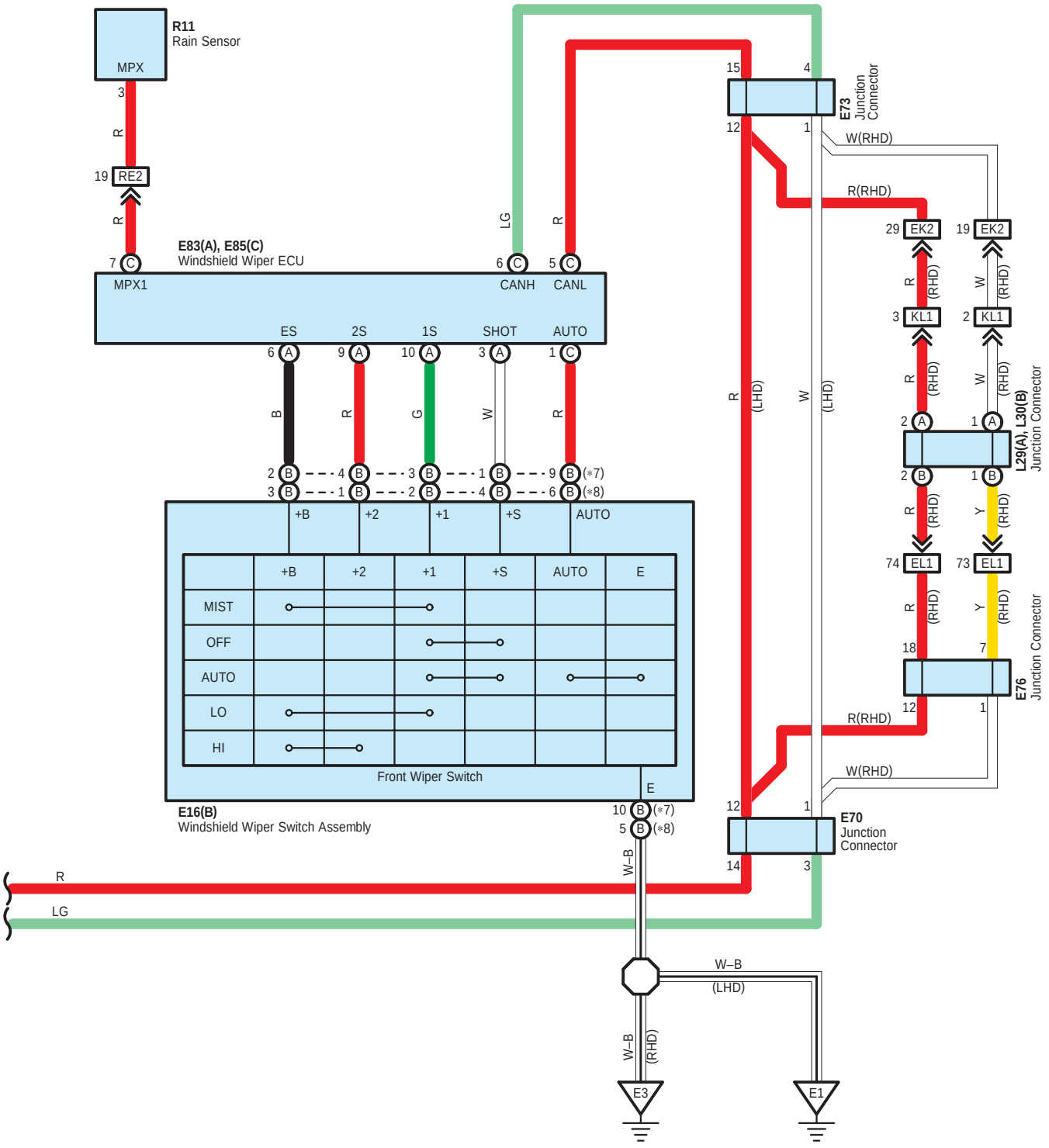

B
P
L
V
B
P
L
V
L(RHD)
SB(RHD)
L(LHD)
Y(LHD)
E11
Steering Sensor
CANL
CANH
9
10
L
GR
15
4
13
2
E74
Junction Connector
12
1
16
5
L (RHD)
W (RHD)
L (RHD)
L (LHD)
V (LHD)
V (RHD)
2 AE3
32 EA1
31 EA1
1 AE3
L (RHD)
L (LHD)
V (LHD)
V (RHD)
3 AA1
4 AA1
L
V
W(RHD)
L(RHD)
25 A
11 A
CANL
CANH
A24(A)
Skid Control ECU with Actuator Assembly
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
V
LG
B
L
B
W
R
G
Speed Sensors


B
B
P
P
L
V
L(RHD)
SB(RHD)
L(LHD)
Y(LHD)
10 FE4
20 FE4
Y (LHD)
L (LHD)
V
L
2
13
1
12
F21 Junction Connector
3
14
Y
L
1 FE4
11 FE4
Y
L
2
13
L (LHD)
SB (LHD)
13
2
12
1
E71 Junction Connector
SB(RHD)
SB(LHD)
L(LHD)
L(RHD)
13
12
CA2H
CA2L
E31
Network Gateway ECU
L (LHD)
W (LHD)
12
1
E68 Junction Connector
W(RHD)
L(RHD)
W(RHD)
L(RHD)


∗ 1 : Shielded
∗ 2 : 2UZ–FE
∗ 3 : 1VD–FTV
∗ 5 : w/ Rear A/C
∗ 6 : w/o Rear A/C
E31
Network Gateway ECU
CA1H
CA1L
E69(A), (B)
Junction Connector
E75
Junction Connector
E72
Junction Connector
E35(A), E81(C)
A/C Amplifier Assembly
CANL
CANH
SG–2
TAM
A14
Ambient Temperature Sensor
A38(A), A52(D), C45(B), C46(C)
ECM
NE+
NE–
C48
Crankshaft Position Sensor
C42
Junction Connector
C6
FE4
EA3
EA1
EA2
(LHD)
(RHD)
(LHD ∗2)
(RHD ∗2)
(LHD ∗3)
(RHD ∗3)
(∗5)
(∗6)


(IG)
10A
BK/UP LP
23 2B
G–B
25 CA3
G
2
RL PL NL RB
P
R
N
C24
Park/Neutral
Position Switch
1 6 9
G–B
G–W
17 B (Gasoline)
6 B 18 B (Diesel)
C44(B)
Junction
Connector
5 B 16 B (Gasoline)
17 B (Diesel)
L–R
G–B
G–W
26 B 2 B 25 B (LHD *2)
26 C 2 C 25 C (RHD *2)
30 B 31 B 29 B (LHD *3)
30 C 31 C 29 C (RHD *3)
R P N
A38(A), A52(D), C45(B), C46(C)
ECM
NE+ NE–
78 B 77 B (LHD)
78 C 77 C (RHD)
B (*3)
W (*3) (*1) (*3)
BR (*3)
BR (*3)
16
C94
Junction
Connector
21
BR (*3)
1 2
NE+ NE–
GND
3
C65
Crankshaft Position
Sensor
V
B
C7
(BAT)
5A
ECU–B1
2
1
R–L
13 2B
14 2D
86
R
26
R
E59
Junction Connector
(IG)
5A
MET
2
1
B–R
33 EA2
B
17 A
18 A
B
IG+
Power
Supply
Circuit
+B
IG+
Display
Master
(*4)
IG
CAN
E7(A)
Combination Meter Assembly
CANH CANL ET MPX+ MPX–
25 A 26 A 15 A 1 A 2 A
V
B
BR
LG
R
6
E60
Junction
Connector
24
BR
67 EA3 (LHD)
67 EA1 (RHD)
BR
19 A
A37(A), C44(B)
Junction
Connector
14 B (Gasoline)
13 B (Diesel)
R
LG
BR (*2)
BR (*3)
C3
C8

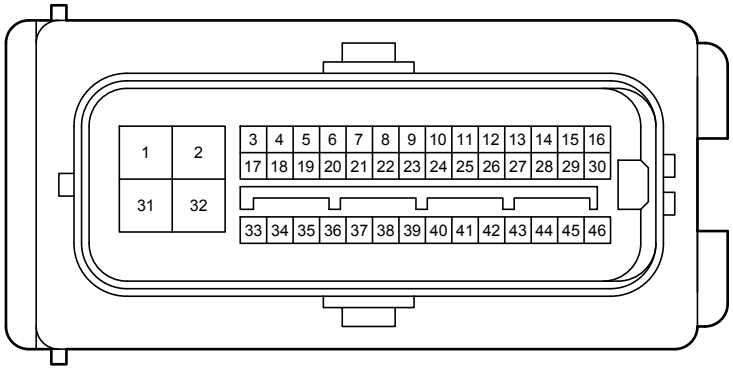
* 1 : Shielded
* 2 : 2UZ–FE
* 3 : 1VD–FTV
* 4 : Optitron Meter
* 7 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 8 : RHD Headlight Dimmer Switch Assembly RH Side Type



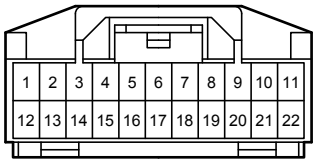
A 14
Black



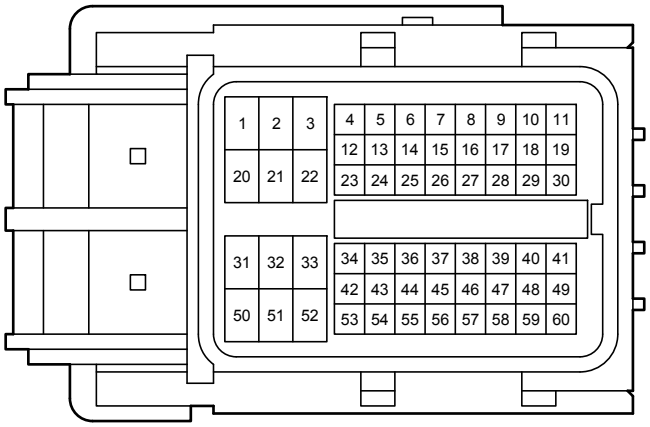
A 24
Black



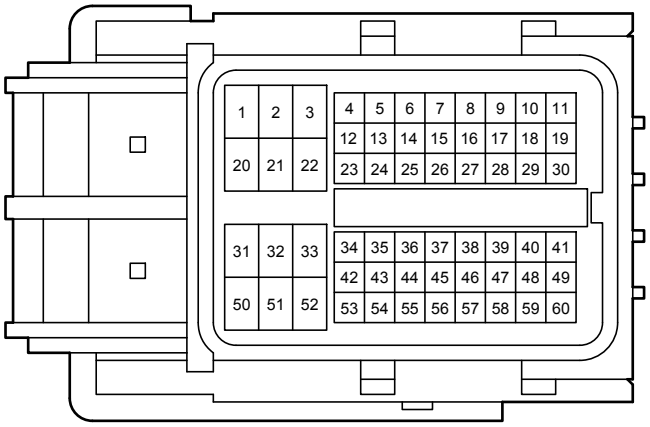
A 37
Blue



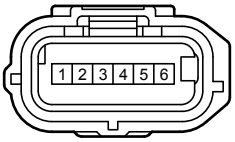
A 38
Black



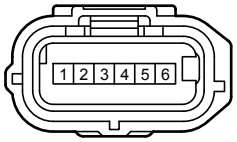
A 52
Black



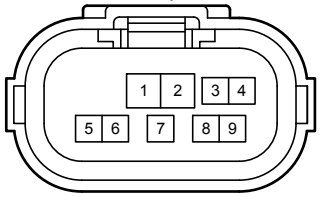
B 3
Black



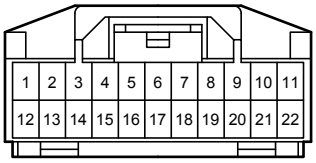
B 4
Black



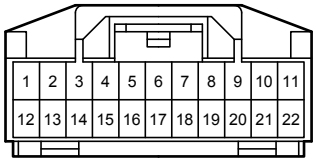
C 24
Gray



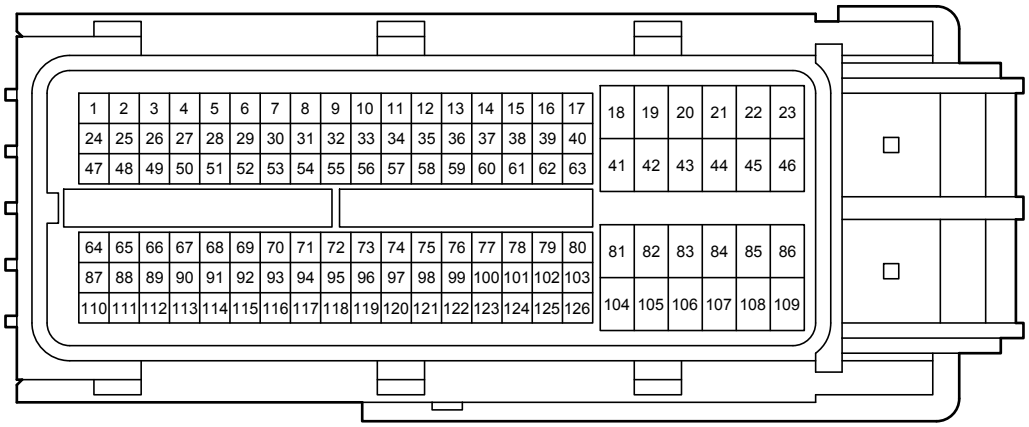
C 42
White



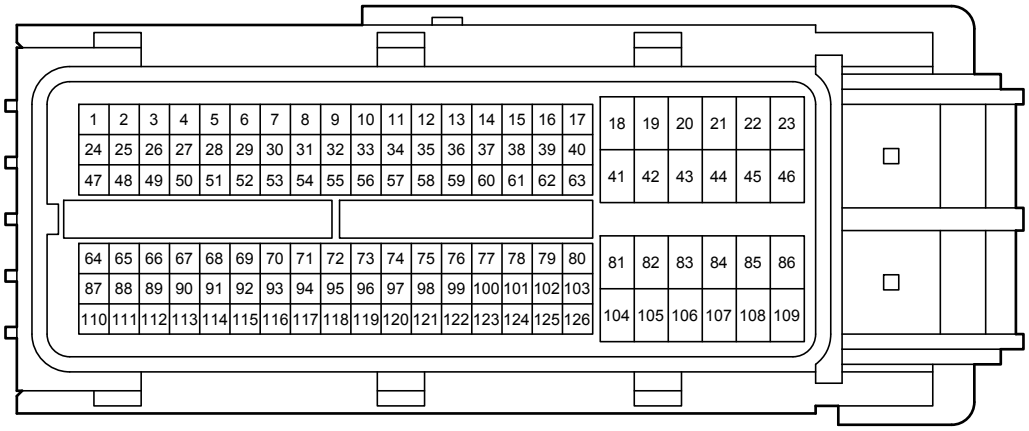
C 44
Blue



C 45
Black



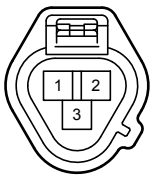
C 46
Black



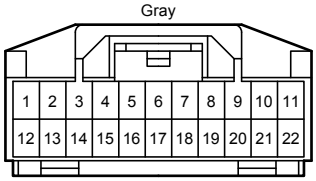
C 48
Dark Gray



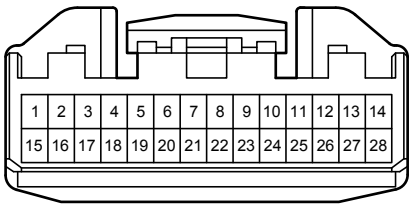
C 65
Black



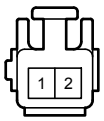
C 94
Gray



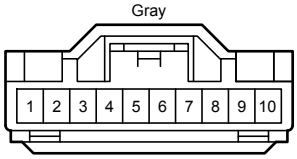
E 7
White



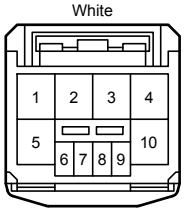
E 10
Black



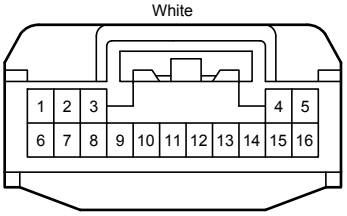
E 11
Gray



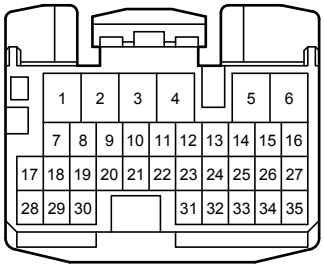
E 16
White



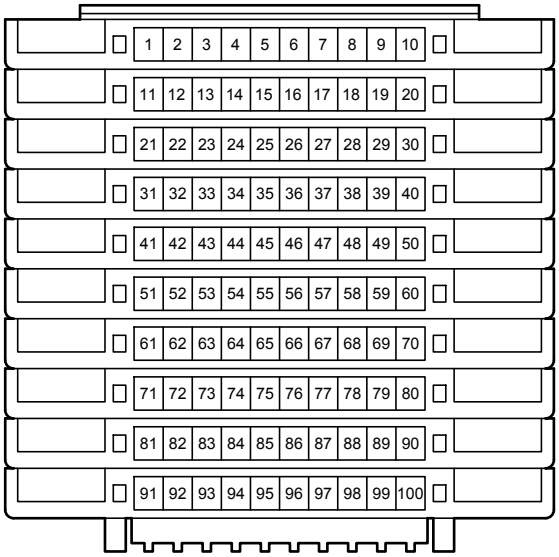
E 31
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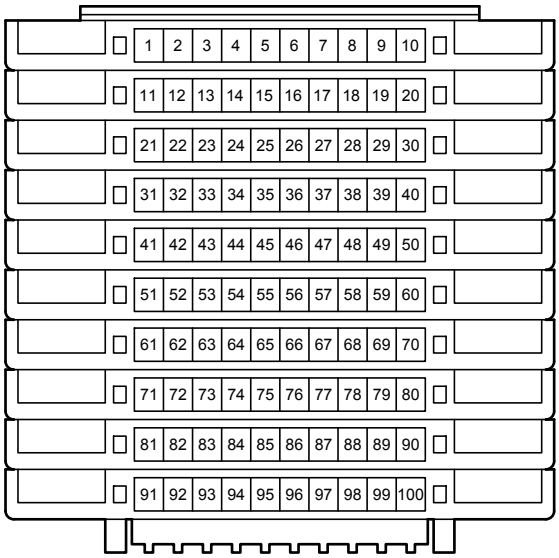
E 35
White



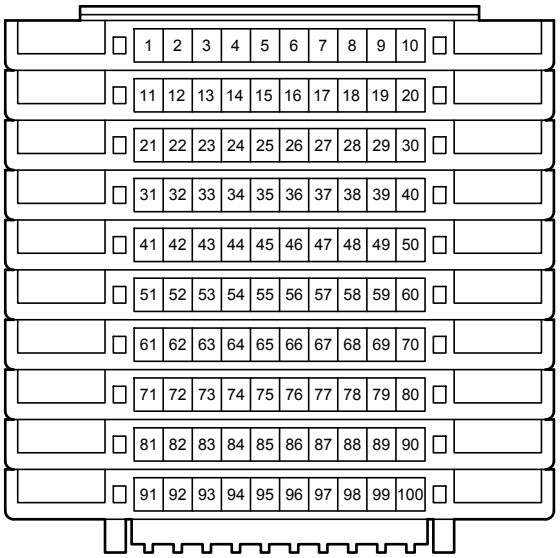
E 59



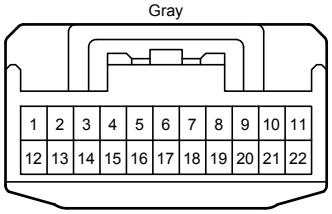
E 60



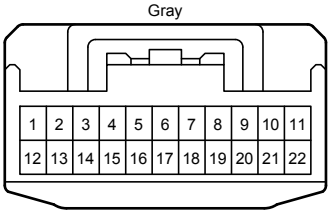
E 61



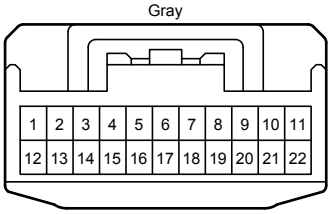
E 68
Gray



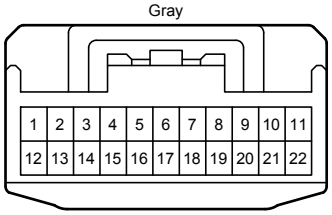
E 69
Gray



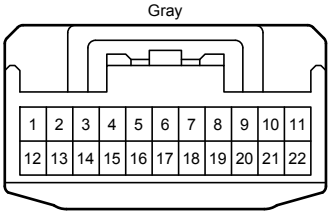
E 70
Gray



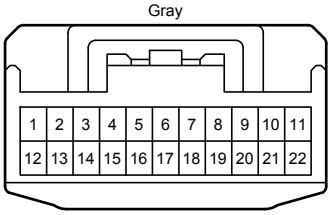
E 71
Gray



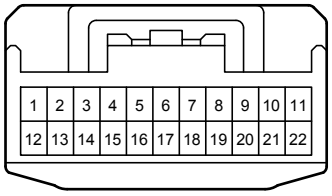
E 72
Gray



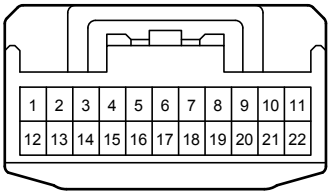
E 73
Gray



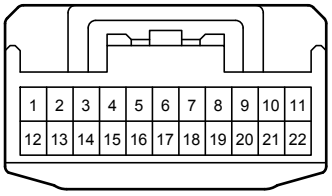
E 74
Gray



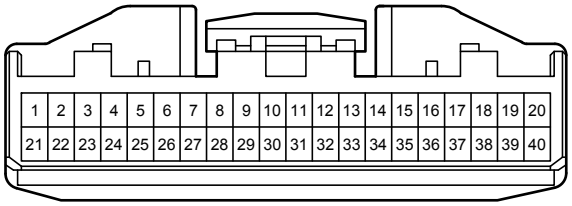
E 75
Gray



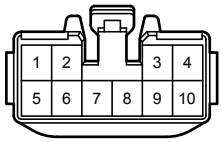
E 76
Gray



E 81
White



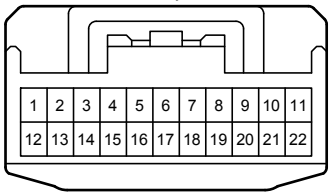
E 83
Blue



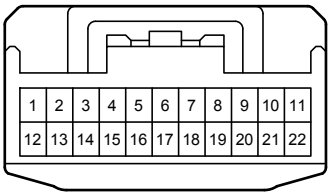
E 85
White



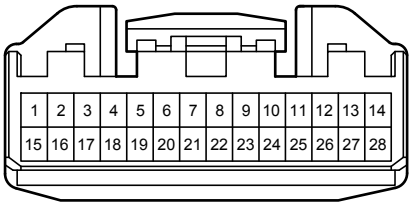
F 20
Gray



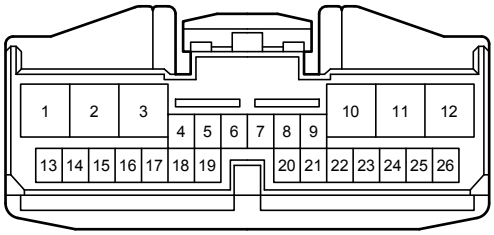
F 21
Black



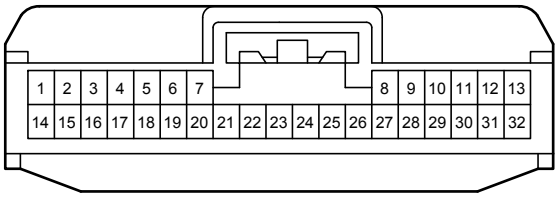
F 27
White



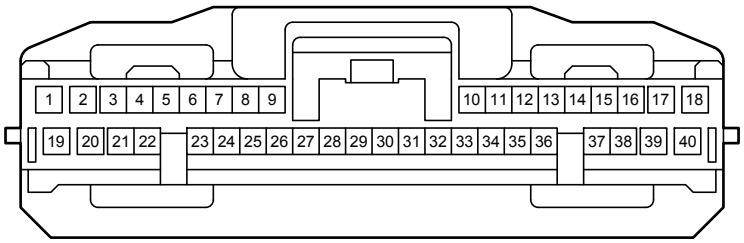
F 28
White



F 43
White



F 44
White



F 48
Blue



F 49
White



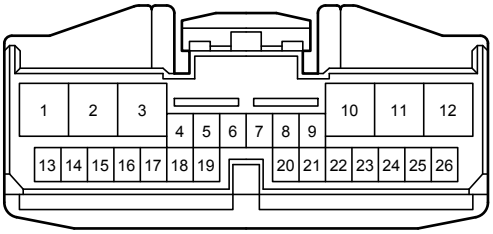
F 50
Blue



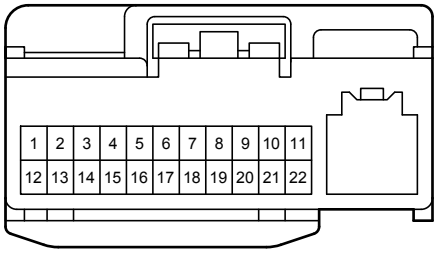
F 51
White



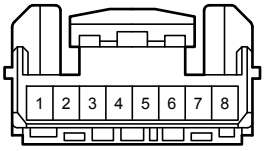
F 64
White



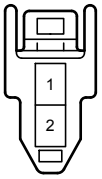
F 66
White



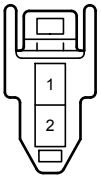
G 5
Black



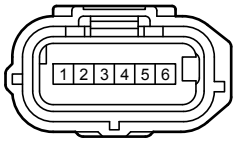
L 29
White



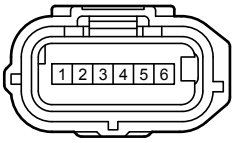
L 30
White



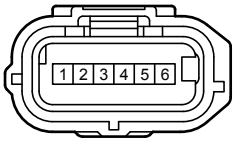
O 1
Black



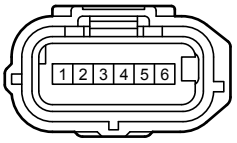
O 2
Black



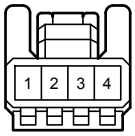
O 3
Black



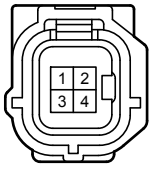
O 4
Black



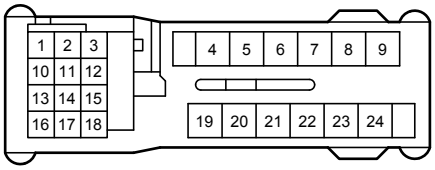
R 11
Black



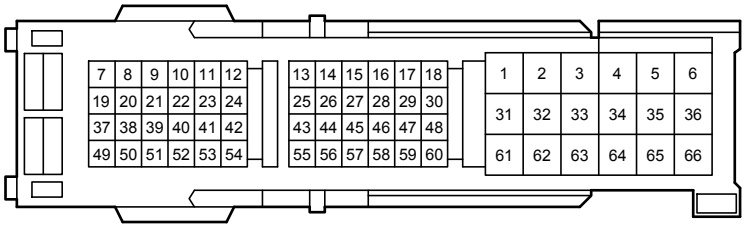
S 5
Black



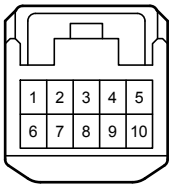
2B
White



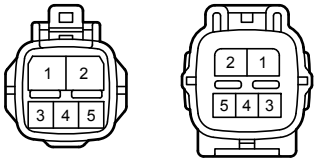
2D
White



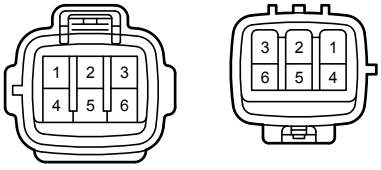
2E
White



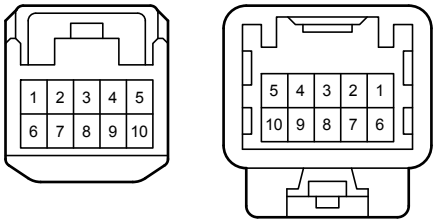
AA1
Gray



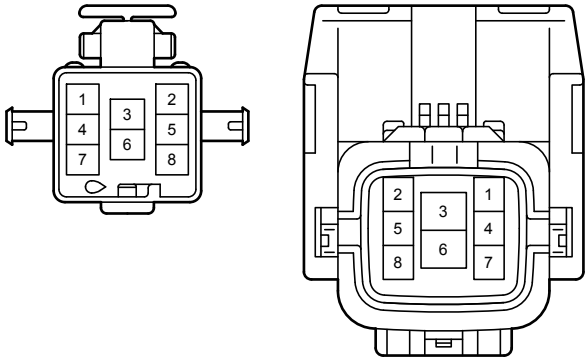
AA3
Gray



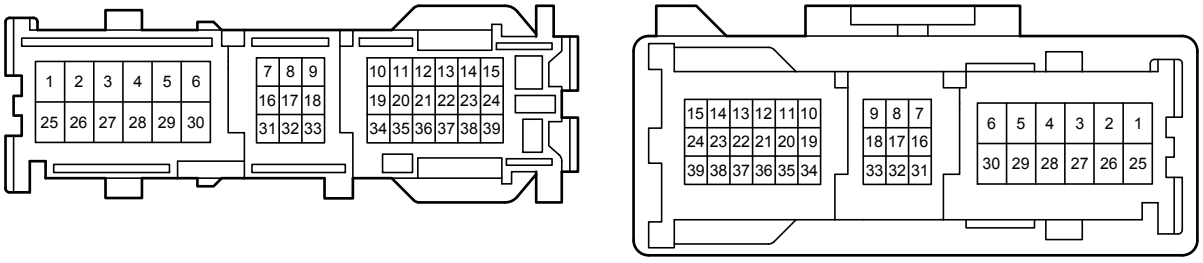
AE3
Gray



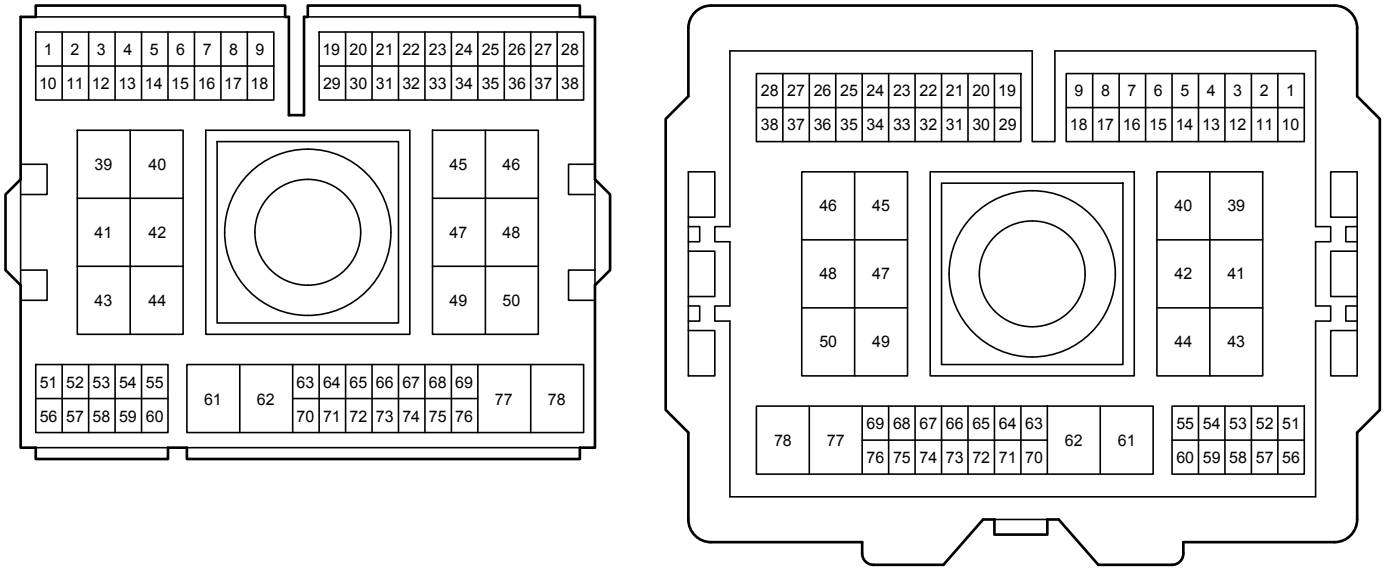
BA1
Black

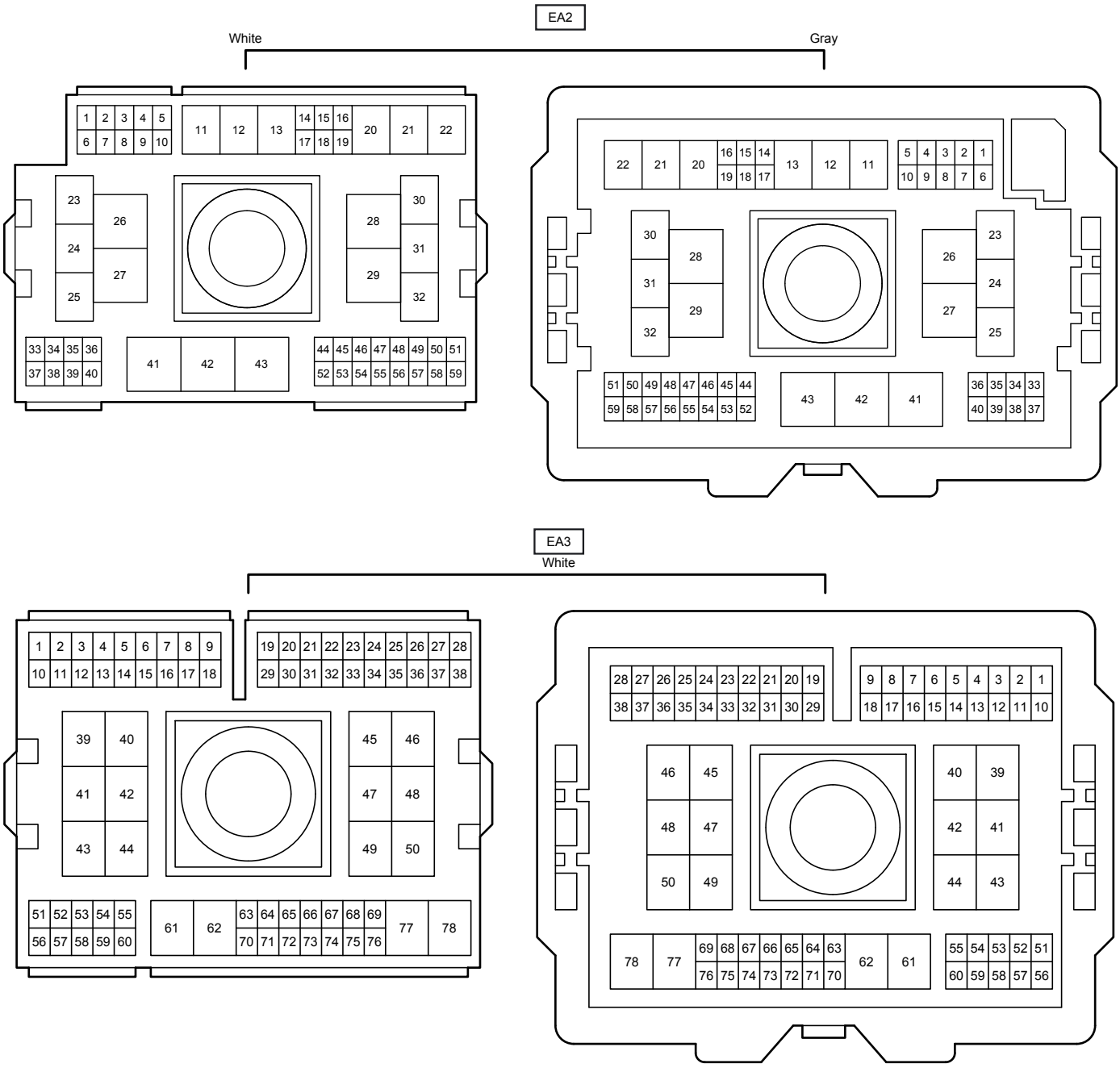


CA3
White

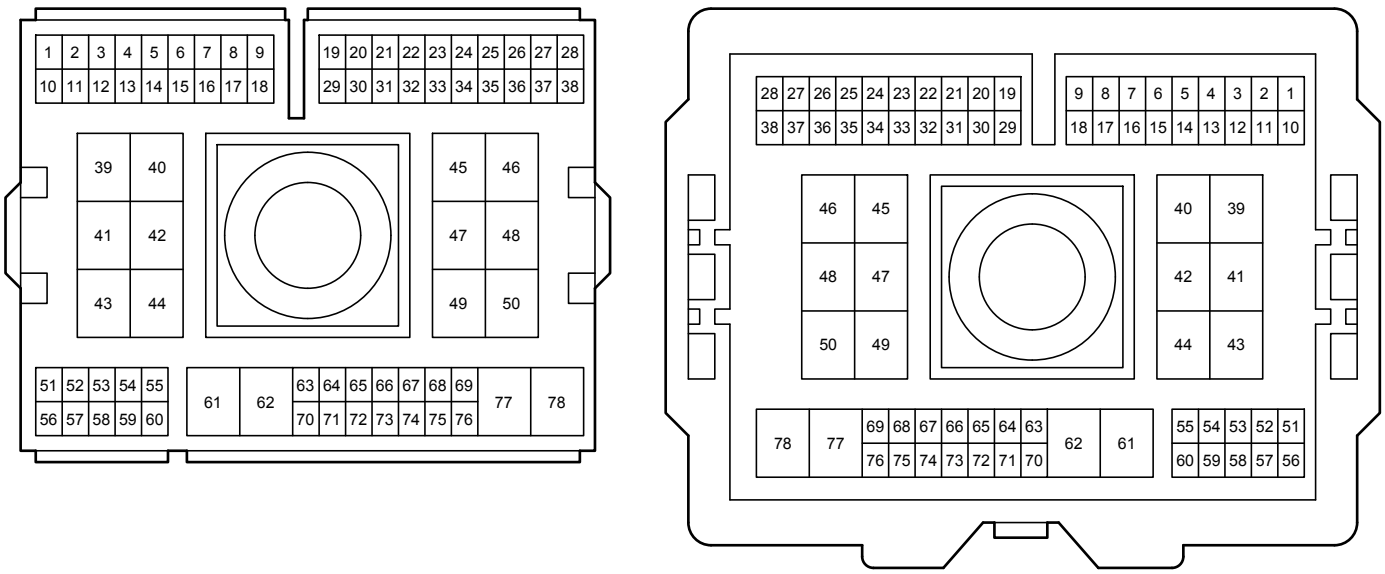


EA1
White

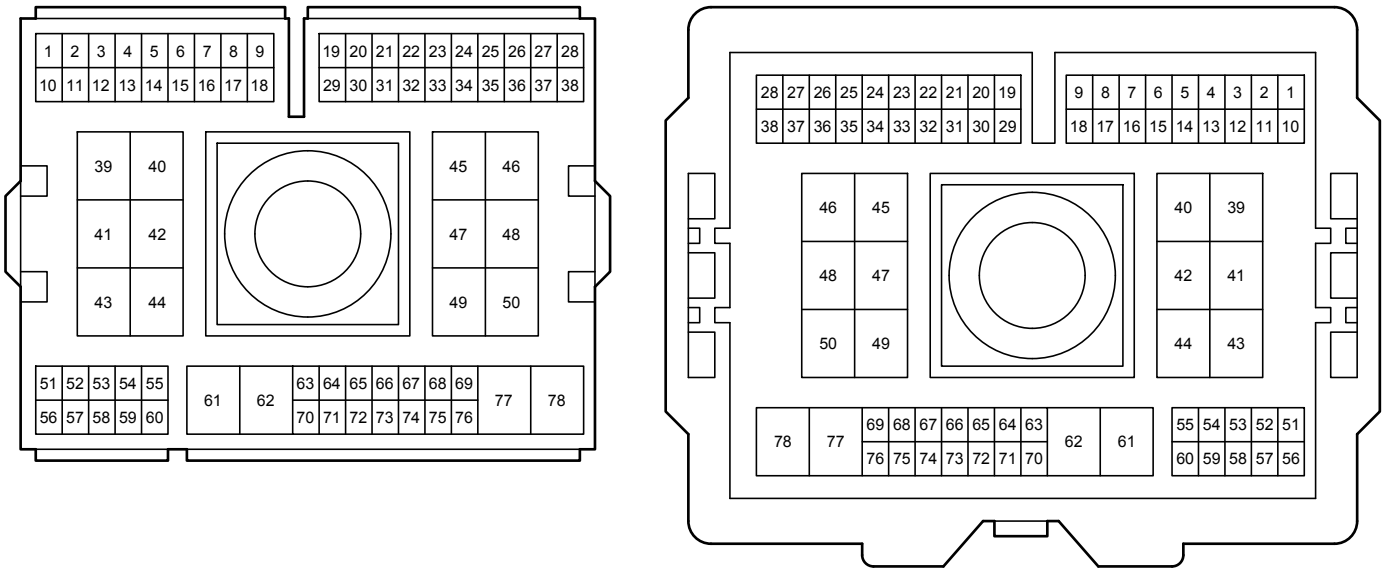



EA2
White
Gray
1 2 3 4 5
6 7 8 9 10
11 12 13 14 15 16
17 18 19 20 21 22
23 24 25 26 27
28 29 30 31 32
33 34 35 36
37 38 39 40
41 42 43
44 45 46 47 48 49 50 51
52 53 54 55 56 57 58 59
22 21 20 16 15 14
19 18 17 13 12 11
5 4 3 2 1
10 9 8 7 6
30 31 32 28 29
26 27 23 24 25
51 50 49 48 47 46 45 44
59 58 57 56 55 54 53 52
43 42 41
36 35 34 33
40 39 38 37
EA3
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40 41 42 43 44
45 46 47 48 49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45 48 47 50 49
40 39 42 41 44 43
78 77
69 68 67 66 65 64 63
76 75 74 73 72 71 70
62 61
55 54 53 52 51
60 59 58 57 56

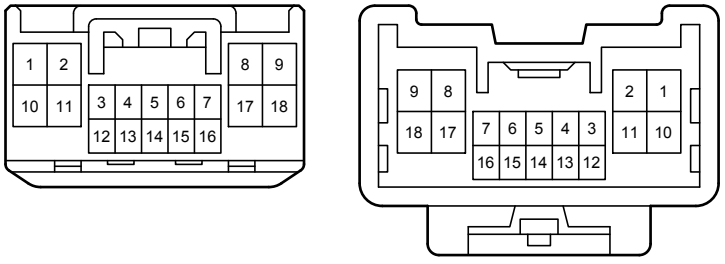
EK2
White



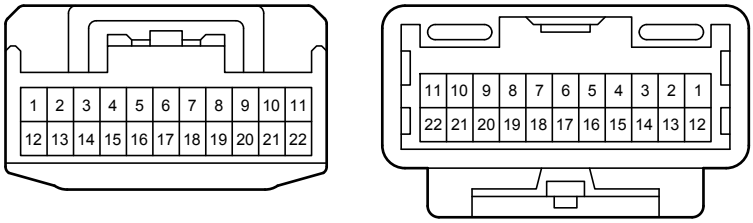
EL1
White



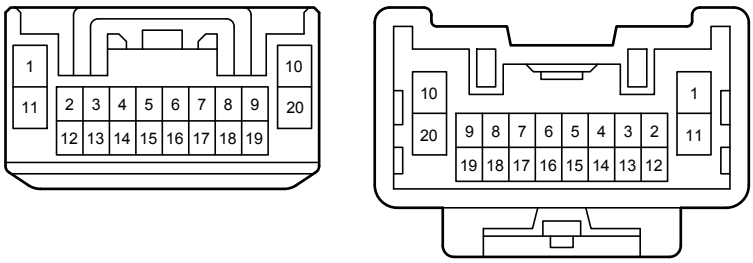
FE1
White



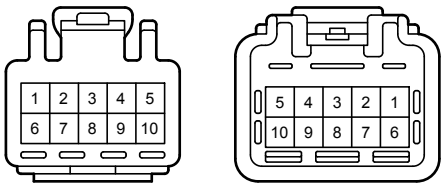
FE3
White



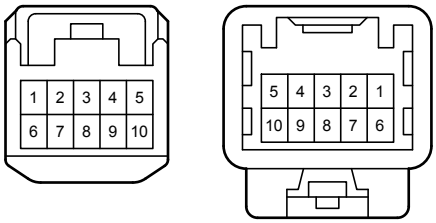
FE4
White



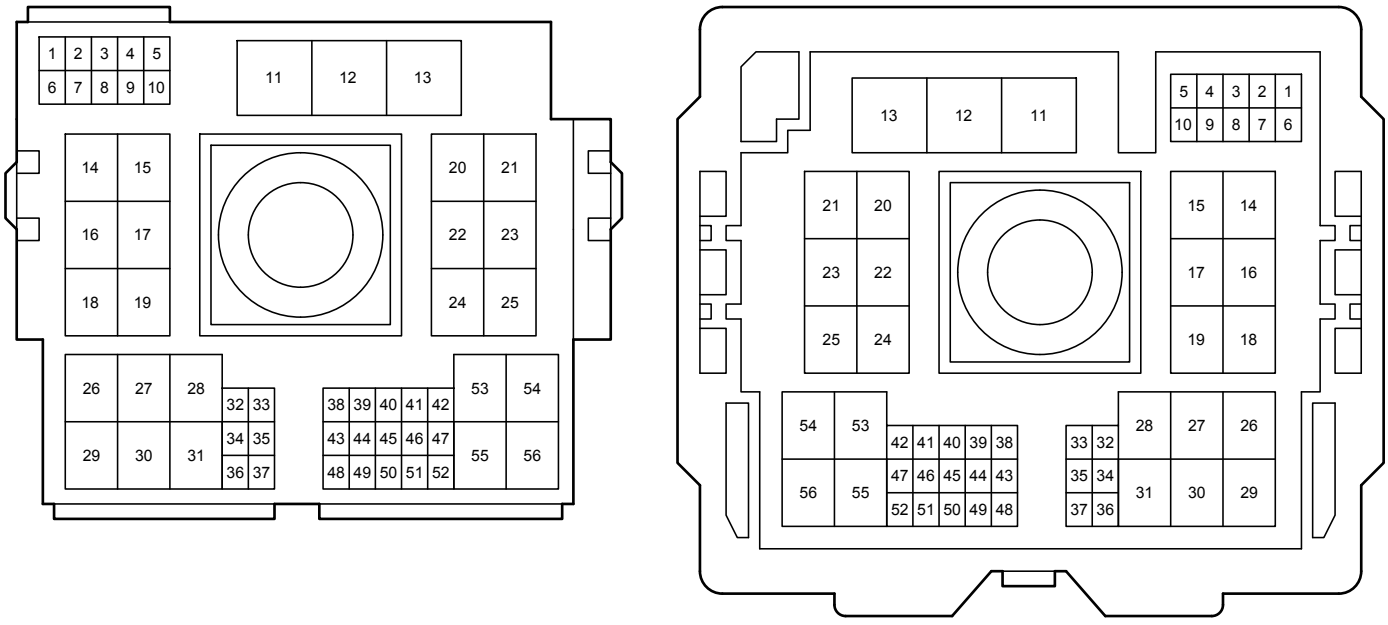
FE5
White



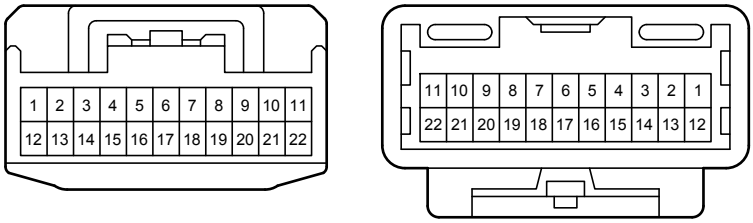
FE6
White



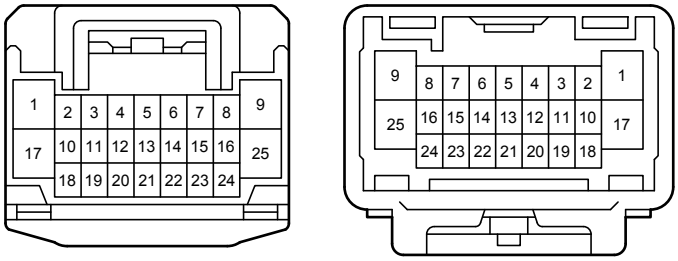
FL1
White
Blue



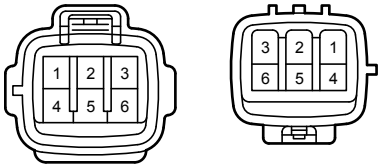
GE1
White



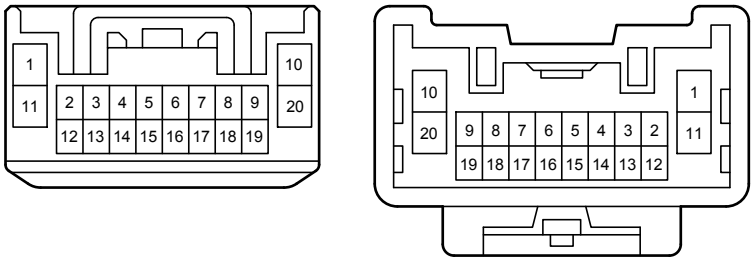
KL1
White



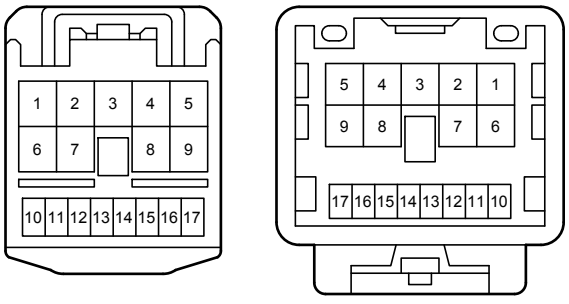
OK1
Black

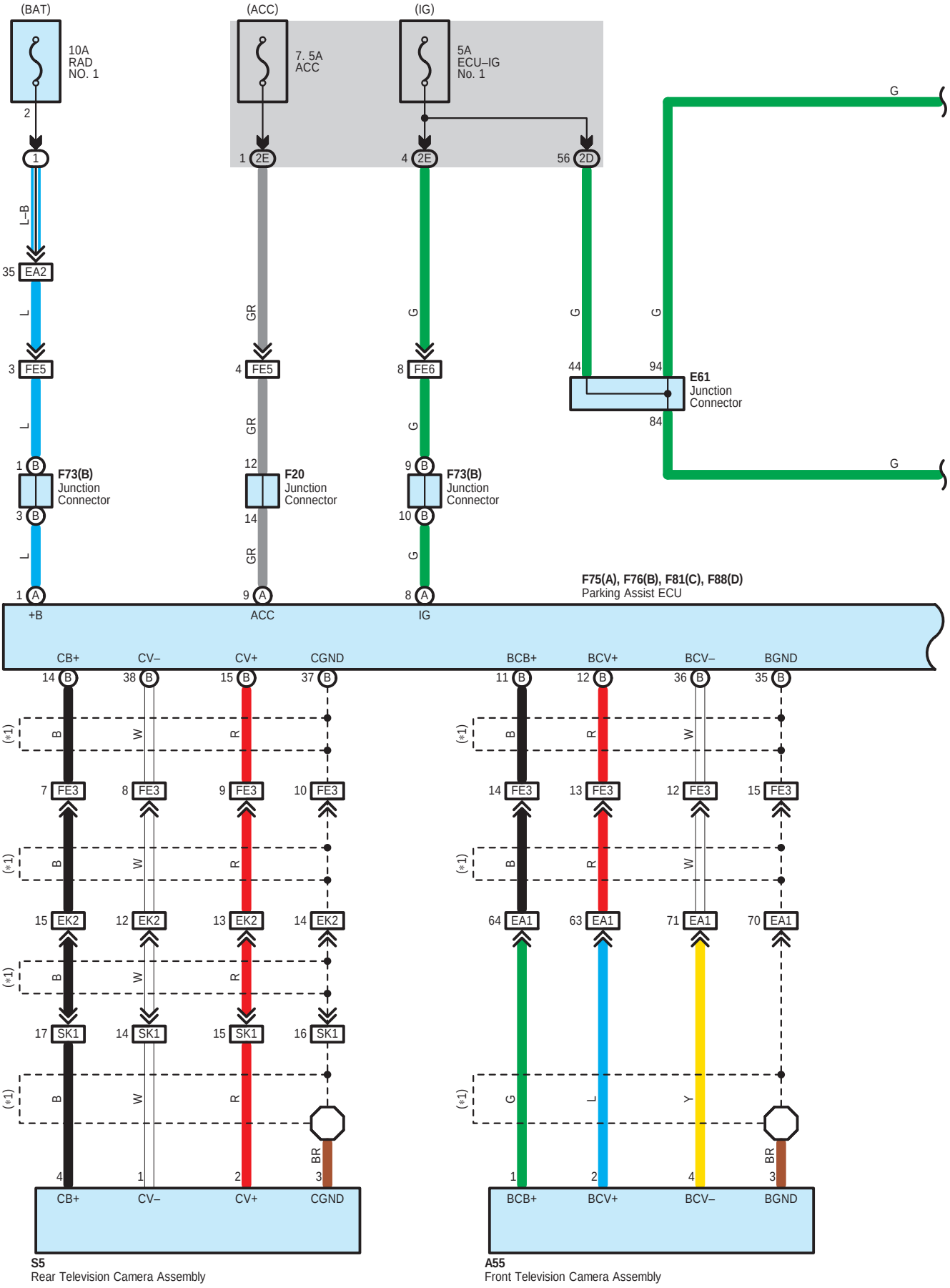


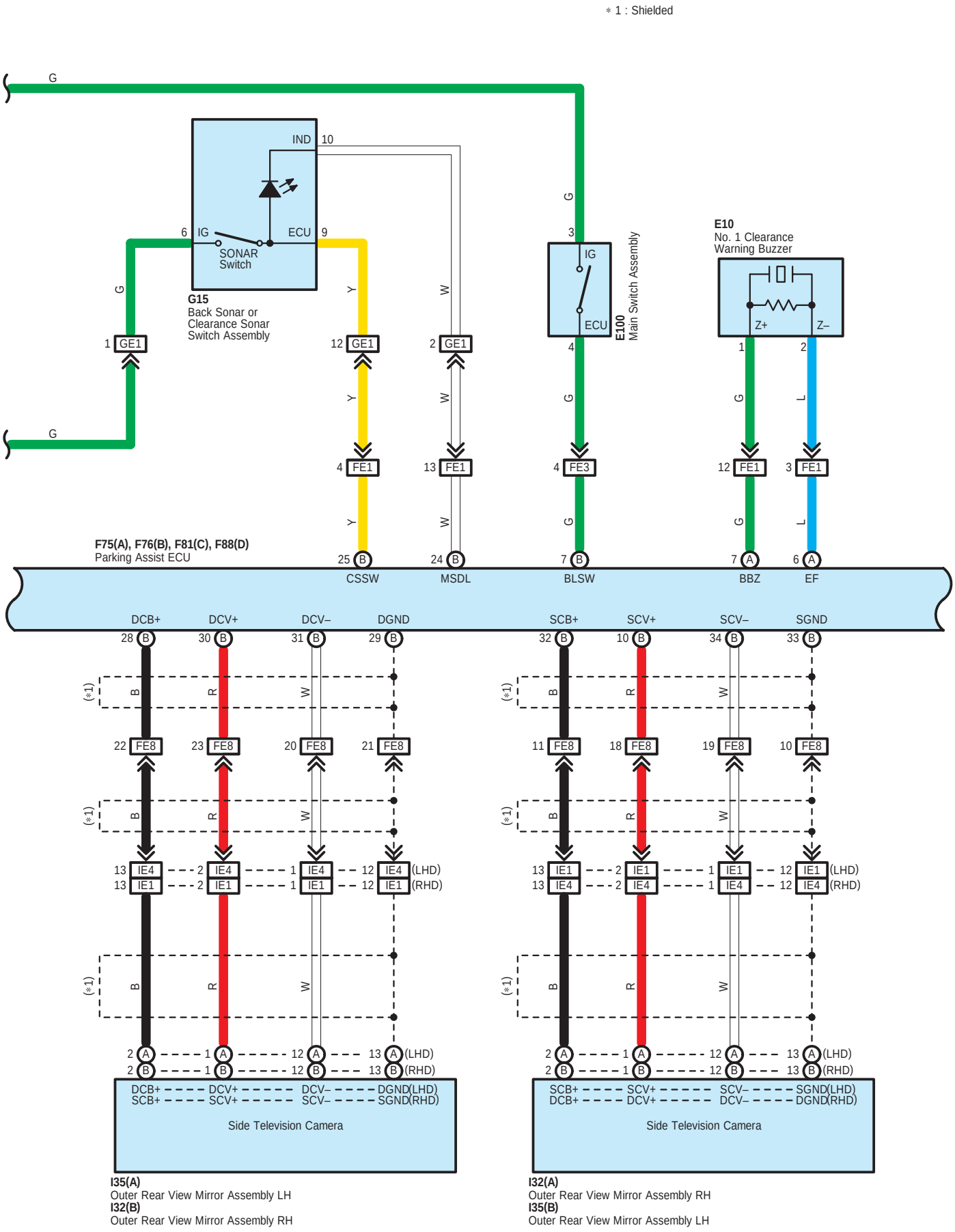
RE2
Blue



SK1
White

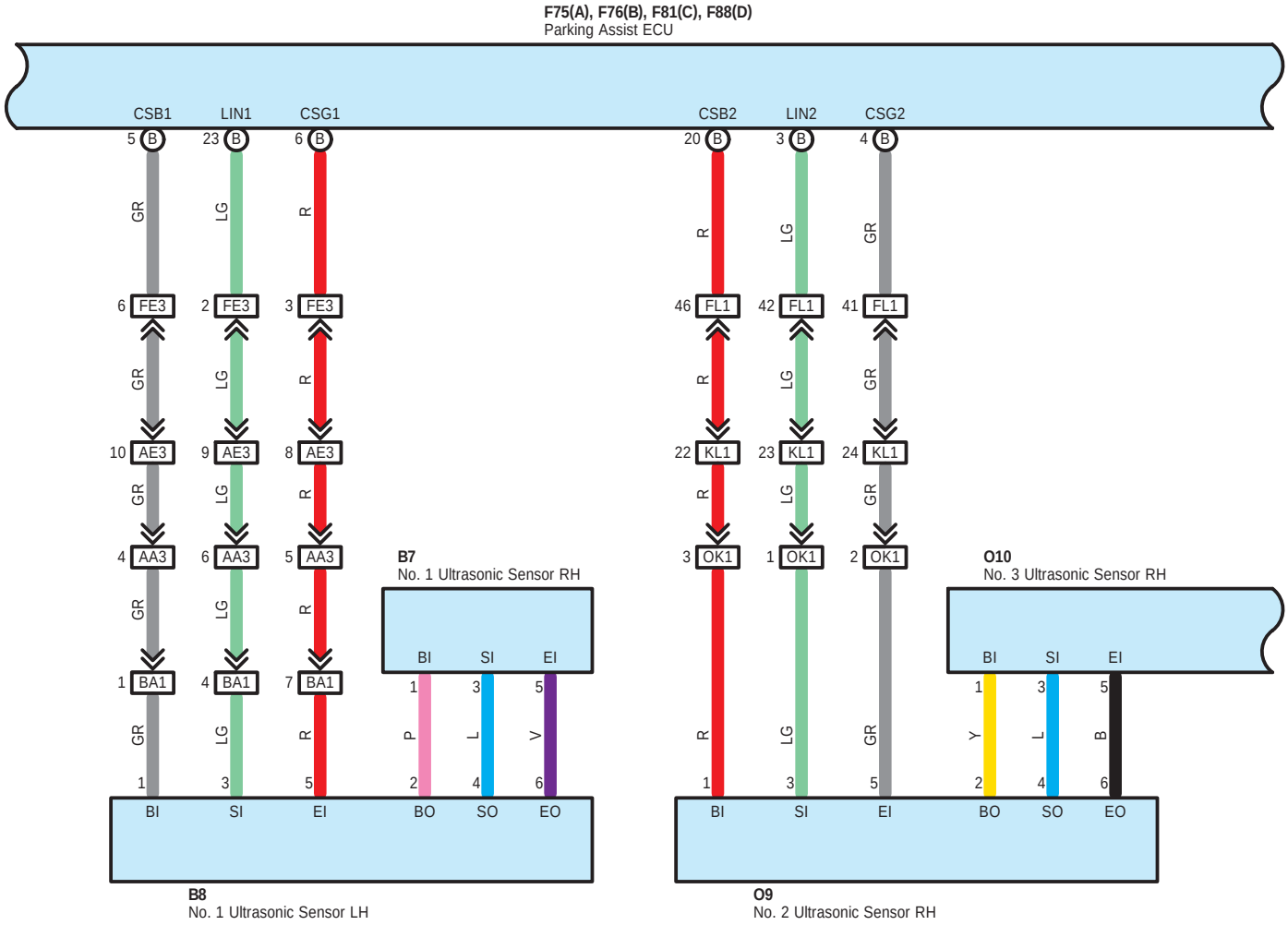


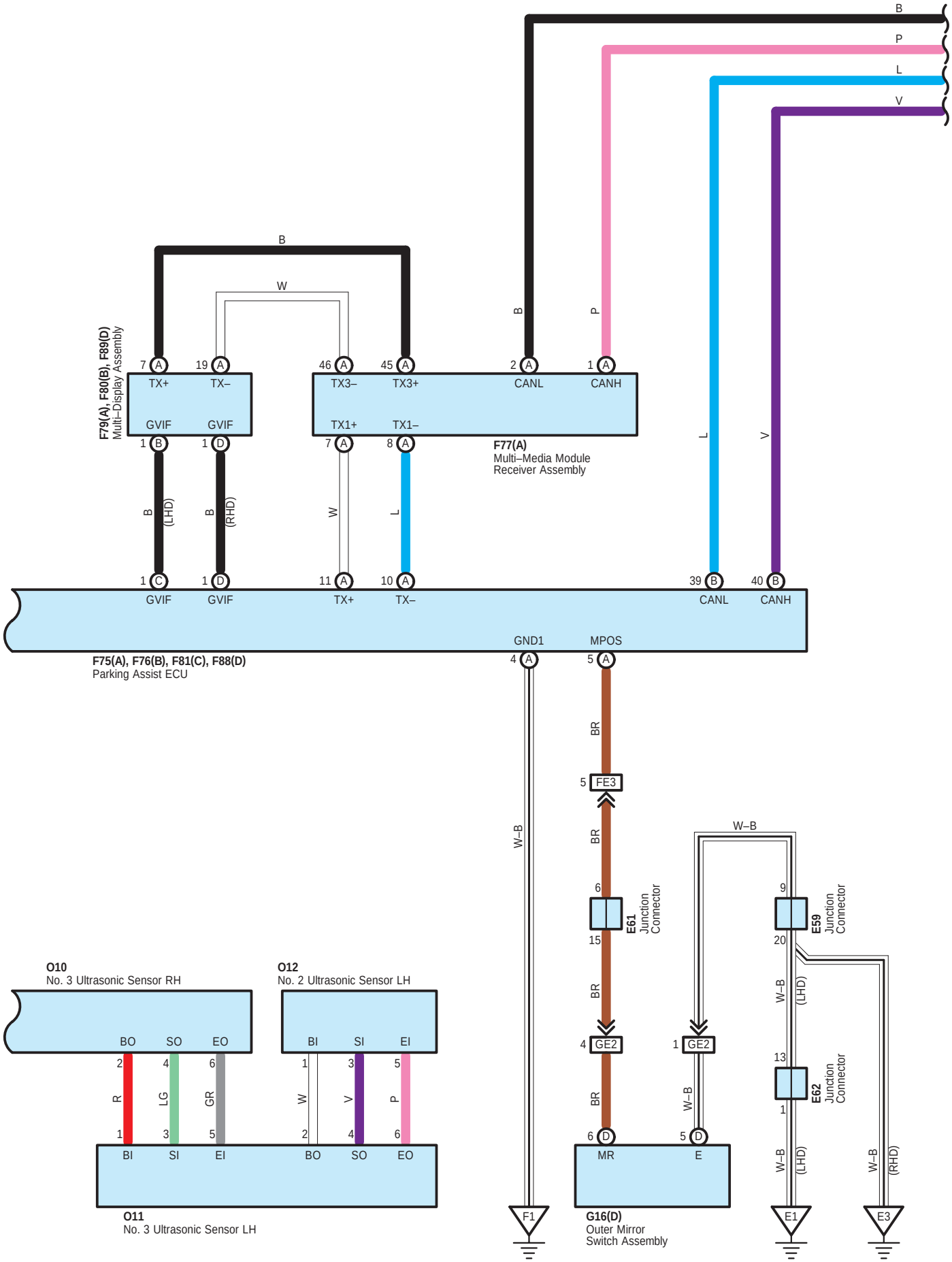

(BAT)
10A
RAD
NO. 1
2
1
L–B
35 EA2
L
3 FE5
L
1 B
F73(B)
Junction
Connector
3 B
L
1 A
+B
(ACC)
7. 5A
ACC
1 2E
GR
4 FE5
GR
12
F20
Junction
Connector
14
GR
9 A
ACC
(IG)
5A
ECU–IG
No. 1
4 2E
G
8 FE6
G
9 B
F73(B)
Junction
Connector
10 B
G
8 A
IG
56 2D
G
G
44
94
E61
Junction
Connector
84
G
F75(A), F76(B), F81(C), F88(D)
Parking Assist ECU
CB+
CV–
CV+
CGND
14 B
38 B
15 B
37 B
(*1)
B
W
R
7 FE3
8 FE3
9 FE3
10 FE3
15 EK2
12 EK2
13 EK2
14 EK2
17 SK1
14 SK1
15 SK1
16 SK1
BR
4
1
2
3
CB+
CV–
CV+
CGND
S5
Rear Television Camera Assembly
BCB+
BCV+
BCV–
BGND
11 B
12 B
36 B
35 B
14 FE3
13 FE3
12 FE3
15 FE3
64 EA1
63 EA1
71 EA1
70 EA1
G
L
Y
1
2
4
3
BCB+
BCV+
BCV–
BGND
A55
Front Television Camera Assembly

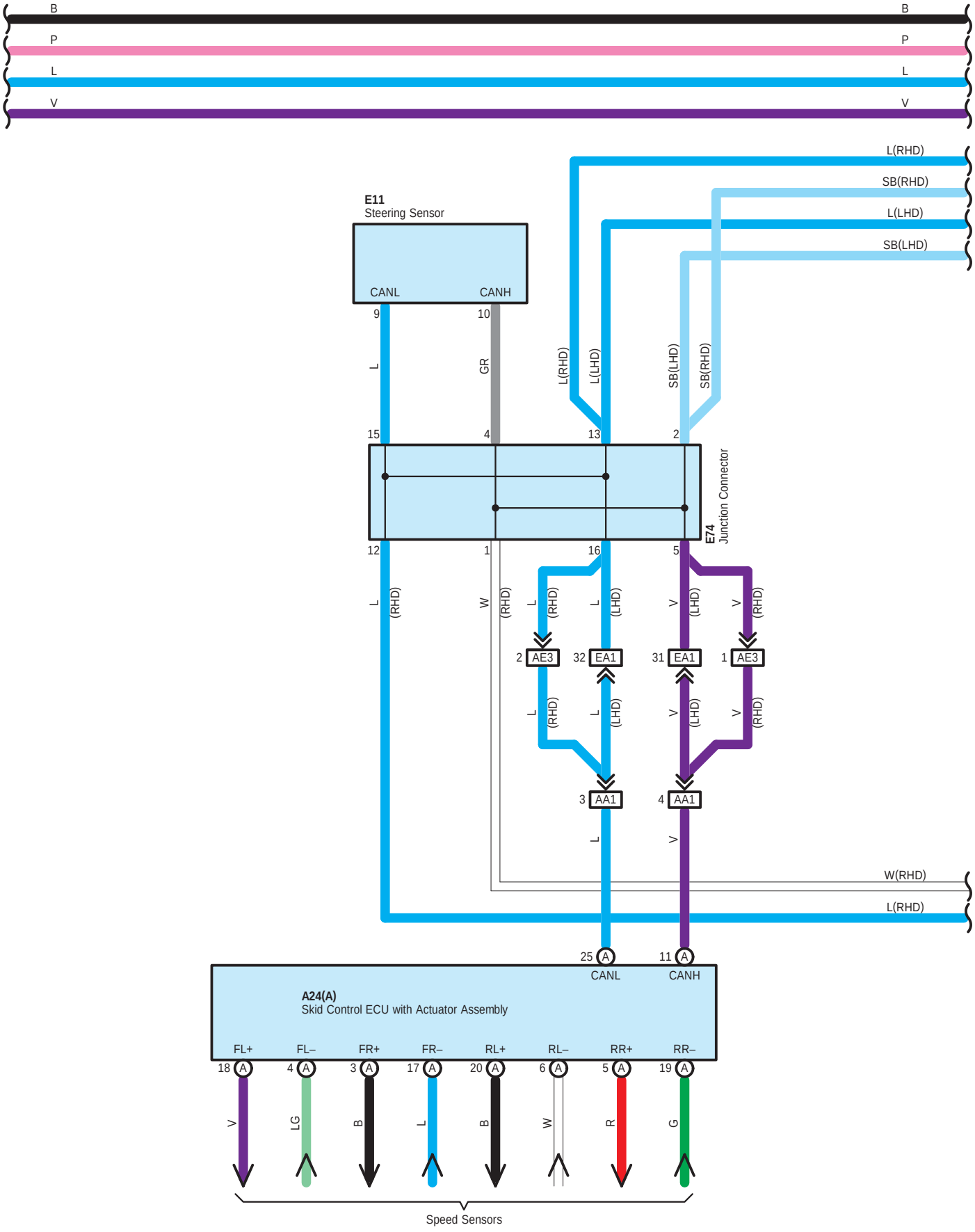


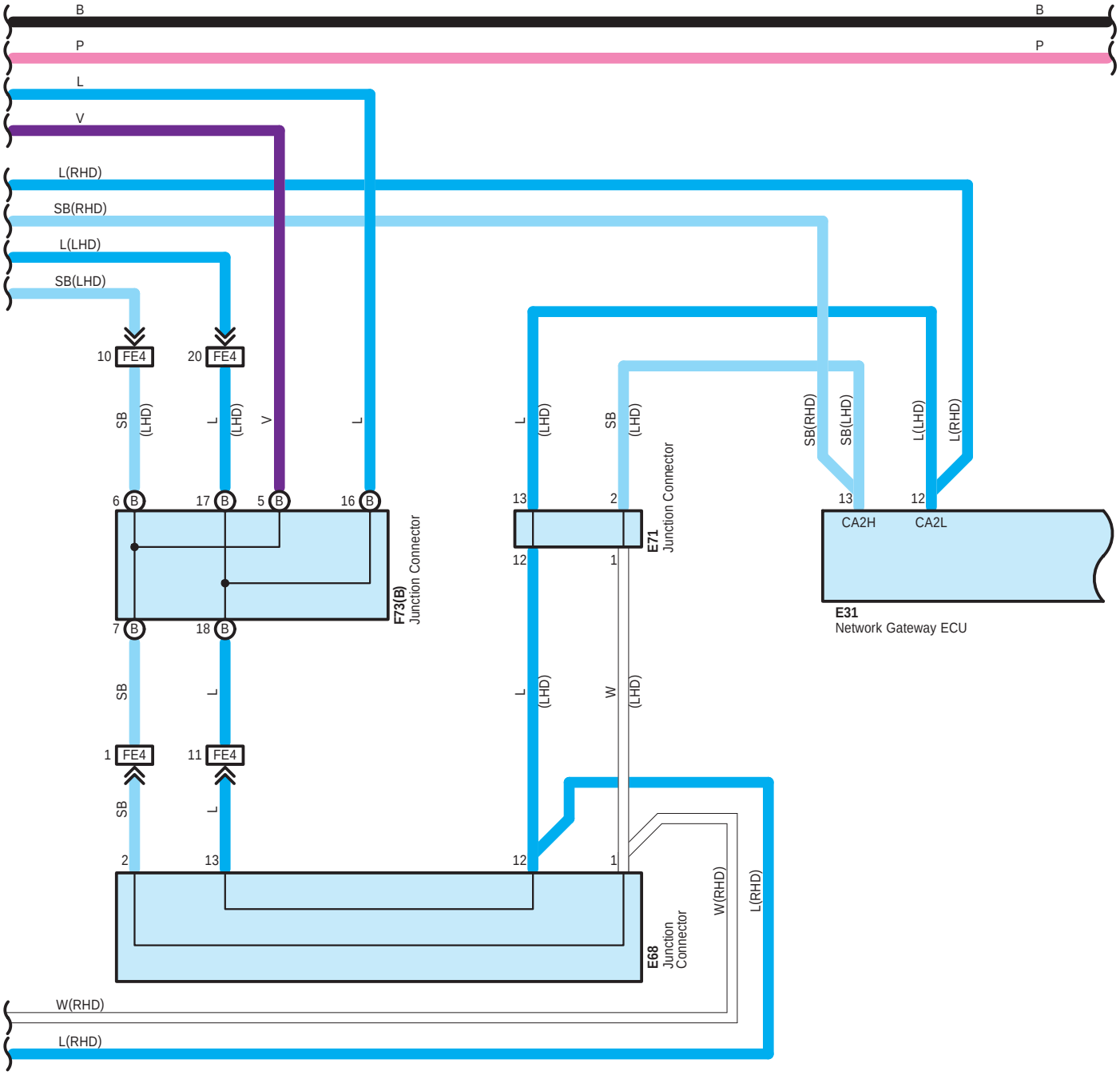
I35(A)
Outer Rear View Mirror Assembly LH
I32(B)
Outer Rear View Mirror Assembly RH

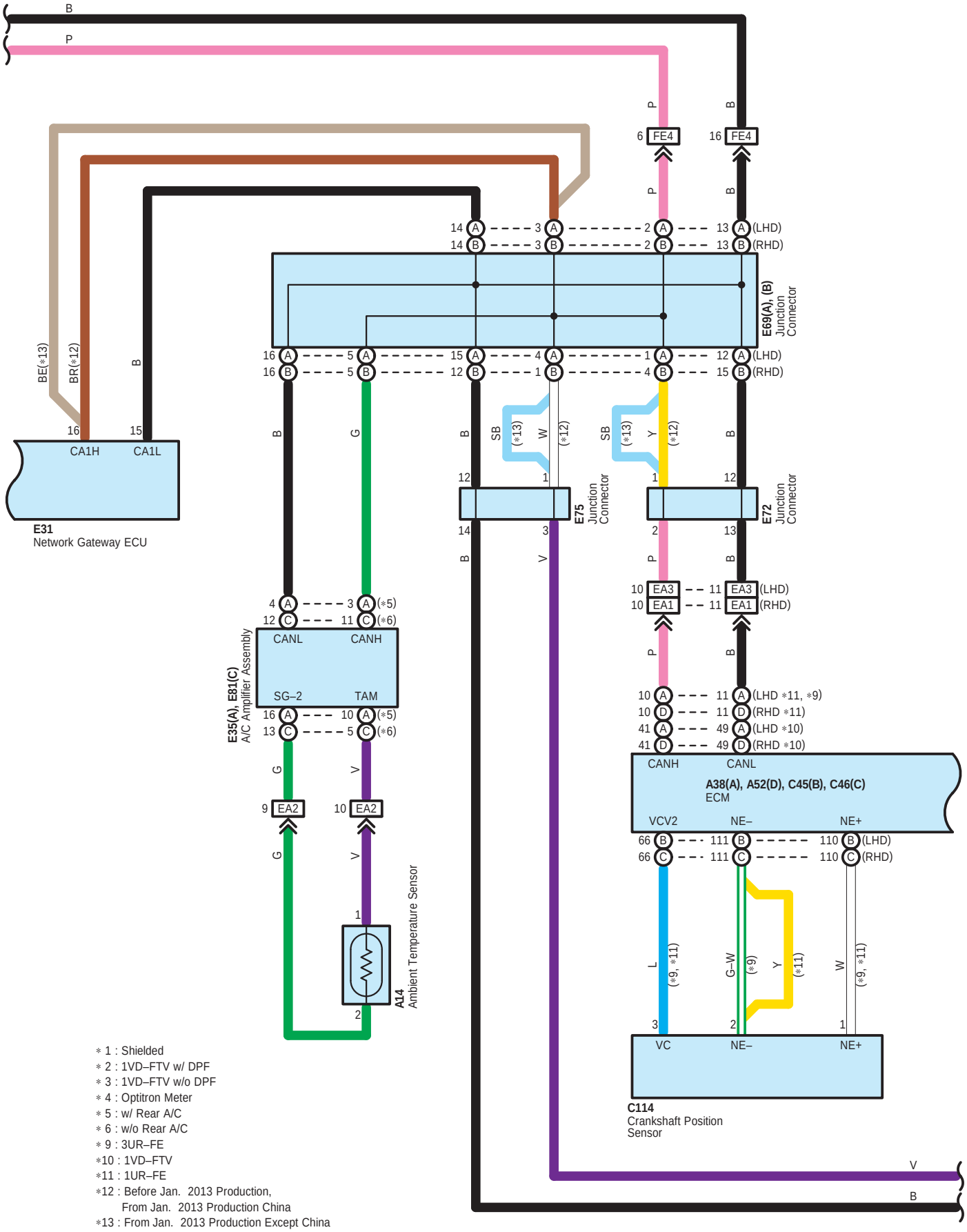
I32(A)
Outer Rear View Mirror Assembly RH
I35(B)
Outer Rear View Mirror Assembly LH


F75(A), F76(B), F81(C), F88(D)
Parking Assist ECU
CSB1
LIN1
CSG1
CSB2
LIN2
CSG2
5 B
23 B
6 B
20 B
3 B
4 B
GR
LG
R
6 FE3
2 FE3
3 FE3
46 FL1
42 FL1
41 FL1
10 AE3
9 AE3
8 AE3
22 KL1
23 KL1
24 KL1
4 AA3
6 AA3
5 AA3
3 OK1
1 OK1
2 OK1
1 BA1
4 BA1
7 BA1
B7
No. 1 Ultrasonic Sensor RH
O10
No. 3 Ultrasonic Sensor RH
BI
SI
EI
P
L
V
Y
B
BO
SO
EO
B8
No. 1 Ultrasonic Sensor LH
O9
No. 2 Ultrasonic Sensor RH

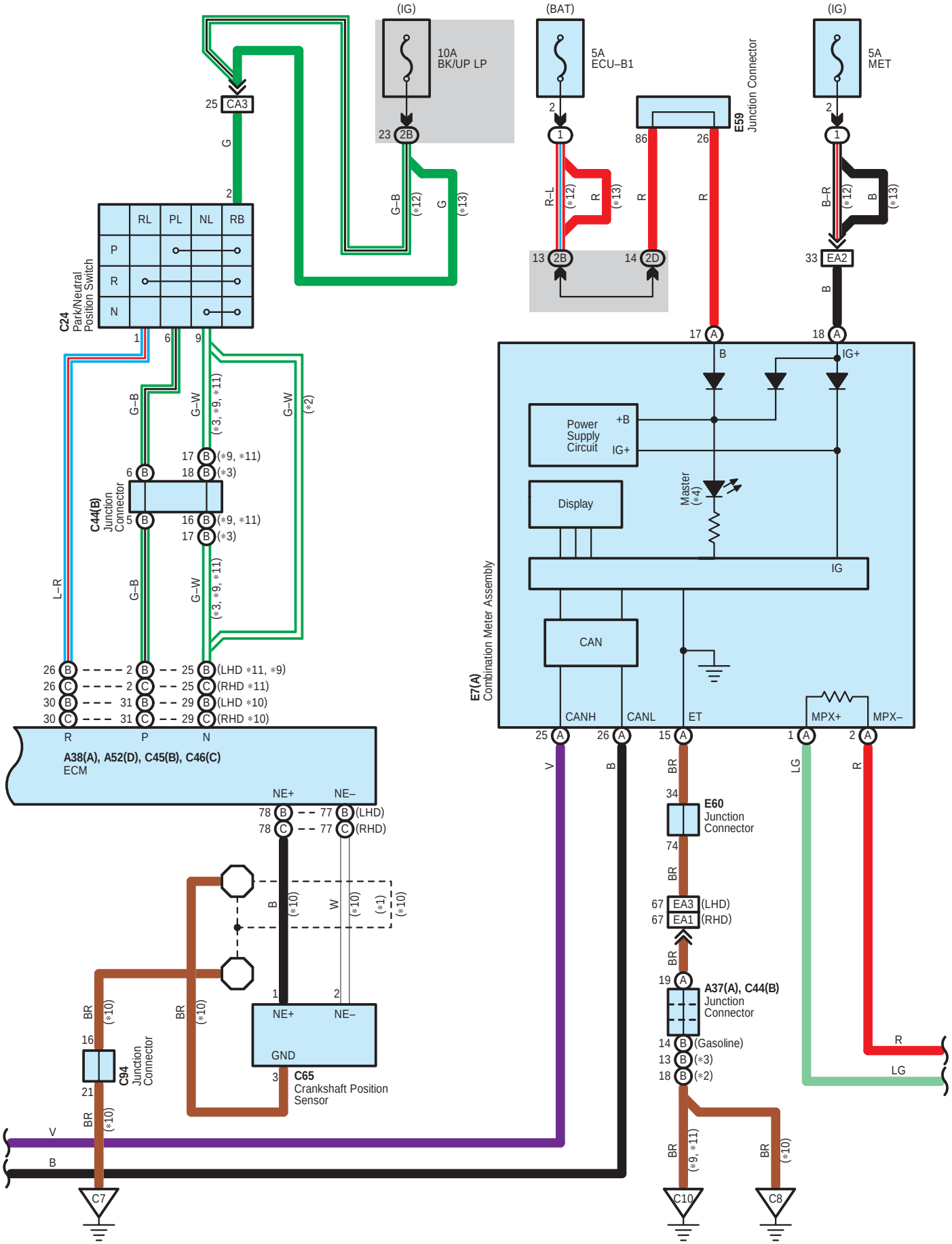

B
P
L
V
F79(A), F80(B), F89(D)
Multi–Display Assembly
7 A TX+
19 A TX–
GVIF
GVIF
1 B
1 D
B (LHD)
B (RHD)
1 C GVIF
1 D GVIF
W
46 A TX3–
45 A TX3+
TX1+
TX1–
7 A
8 A
W
L
11 A TX+
10 A TX–
2 A CANL
1 A CANH
F77(A)
Multi–Media Module
Receiver Assembly
39 B CANL
40 B CANH
F75(A), F76(B), F81(C), F88(D)
Parking Assist ECU
GND1
MPOS
4 A
5 A
W–B
BR
5 FE3
6
15
E61
Junction
Connector
4 GE2
6 D MR
1 GE2
5 D E
9
20
E59
Junction
Connector
13
1
E62
Junction
Connector
W–B (LHD)
W–B (RHD)
F1
E1
E3
G16(D)
Outer Mirror
Switch Assembly
O10
No. 3 Ultrasonic Sensor RH
BO SO EO
2 4 6
R LG GR
1 3 5
BI SI EI
O12
No. 2 Ultrasonic Sensor LH
BI SI EI
1 3 5
W V P
2 4 6
BO SO EO
O11
No. 3 Ultrasonic Sensor LH


B
P
L
V
L(RHD)
SB(RHD)
L(LHD)
SB(LHD)
E11
Steering Sensor
CANL
CANH
9
10
L
GR
15
4
13
2
E74
Junction Connector
12
1
16
5
L (RHD)
W (RHD)
L (LHD)
V (LHD)
V (RHD)
2 AE3
32 EA1
31 EA1
1 AE3
3 AA1
4 AA1
W(RHD)
L(RHD)
25 A
11 A
CANL
CANH
A24(A)
Skid Control ECU with Actuator Assembly
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
V
LG
B
L
B
W
R
G
Speed Sensors

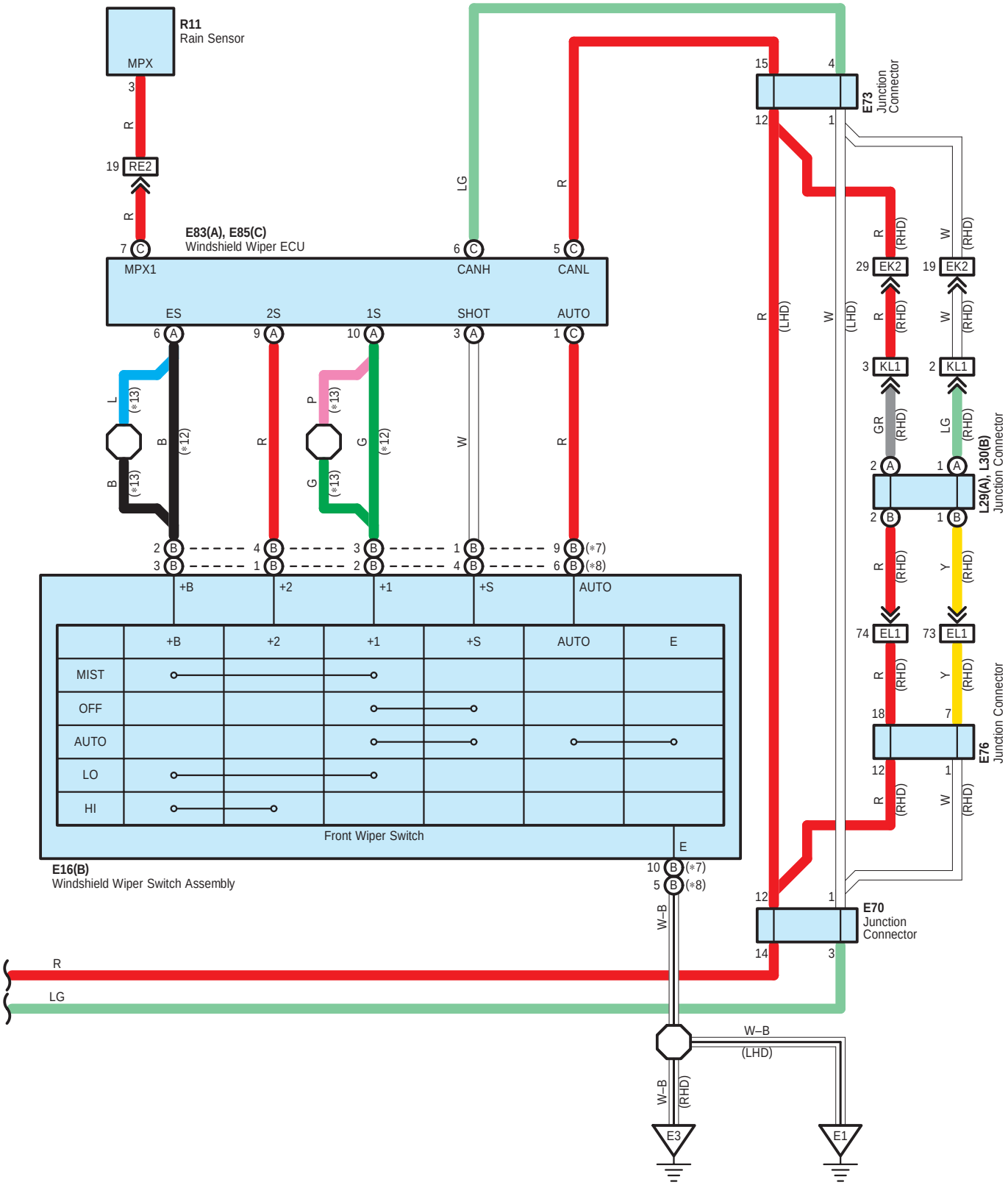

B
P
L
V
L(RHD)
SB(RHD)
L(LHD)
SB(LHD)
10 FE4
20 FE4
SB (LHD)
L (LHD)
V
L
6 B
17 B
5 B
16 B
F73(B) Junction Connector
7 B
18 B
1 FE4
11 FE4
2
13
L (LHD)
SB (LHD)
13
2
12
1
E71 Junction Connector
SB(RHD)
SB(LHD)
L(LHD)
L(RHD)
13
12
CA2H
CA2L
E31
Network Gateway ECU
L (LHD)
W (LHD)
12
1
E68 Junction Connector
W(RHD)
L(RHD)
W(RHD)
L(RHD)



* 1 : Shielded
* 2 : 1VD–FTV w/ DPF
* 3 : 1VD–FTV w/o DPF
* 4 : Optitron Meter
* 5 : w/ Rear A/C
* 6 : w/o Rear A/C
* 9 : 3UR–FE
*10 : 1VD–FTV
*11 : 1UR–FE
*12 : Before Jan. 2013 Production, From Jan. 2013 Production China
*13 : From Jan. 2013 Production Except China


(IG)
10A
BK/UP LP
23 2B
25 CA3
G
2
G–B (*12)
G (*13)
(BAT)
5A
ECU–B1
2
1
R–L (*12)
R (*13)
E59
Junction Connector
86
26
R
R
13 2B
14 2D
(IG)
5A
MET
2
1
B–R (*12)
B (*13)
33 EA2
B
C24
Park/Neutral
Position Switch
RL PL NL RB
P
R
N
1 6 9
G–B
G–W (*3, *9, *11)
G–W (*2)
17 B (*9, *11)
6 B
18 B (*3)
C44(B)
Junction
Connector
5 B
16 B (*9, *11)
17 B (*3)
L–R
G–B
G–W (*3, *9, *11)
26 B 2 B 25 B (LHD *11, *9)
26 C 2 C 25 C (RHD *11)
30 B 31 B 29 B (LHD *10)
30 C 31 C 29 C (RHD *10)
R P N
A38(A), A52(D), C45(B), C46(C)
ECM
17 A
18 A
B
IG+
Power
Supply
Circuit
+B
IG+
Display
Master
(*4)
IG
CAN
E7(A)
Combination Meter Assembly
CANH CANL ET MPX+ MPX–
25 A 26 A 15 A 1 A 2 A
V
B
BR
LG
R
NE+ NE–
78 B 77 B (LHD)
78 C 77 C (RHD)
B (*10) W (*10) (*1) (*10)
1 2
NE+ NE–
GND
3 C65
Crankshaft Position
Sensor
BR (*10)
BR (*10)
16
21
C94
Junction
Connector
BR (*10)
V
B
C7
34
E60
Junction
Connector
74
BR
67 EA3 (LHD)
67 EA1 (RHD)
BR
19 A
A37(A), C44(B)
Junction
Connector
14 B (Gasoline)
13 B (*3)
18 B (*2)
R
LG
BR (*9, *11)
BR (*10)
C10
C8

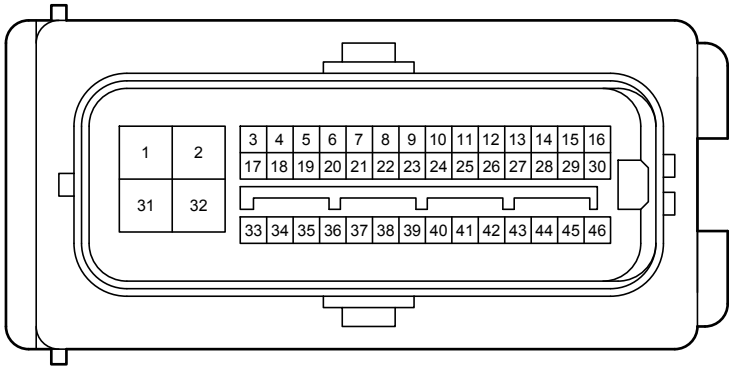
∗ 7 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
∗ 8 : RHD Headlight Dimmer Switch Assembly RH Side Type
∗12 : Before Jan. 2013 Production,
From Jan. 2013 Production China
∗13 : From Jan. 2013 Production Except China



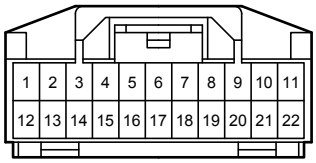
A 14
Black



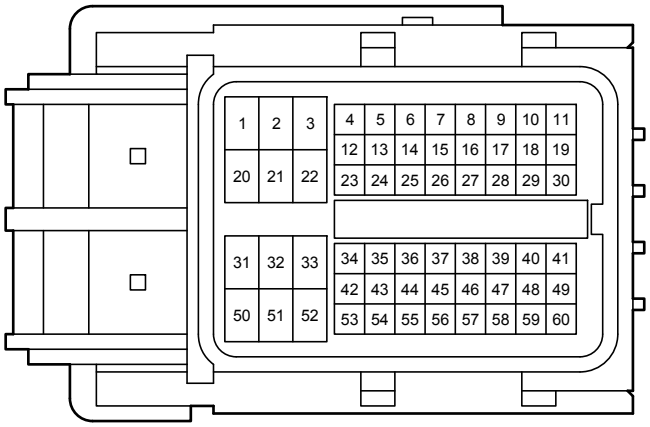
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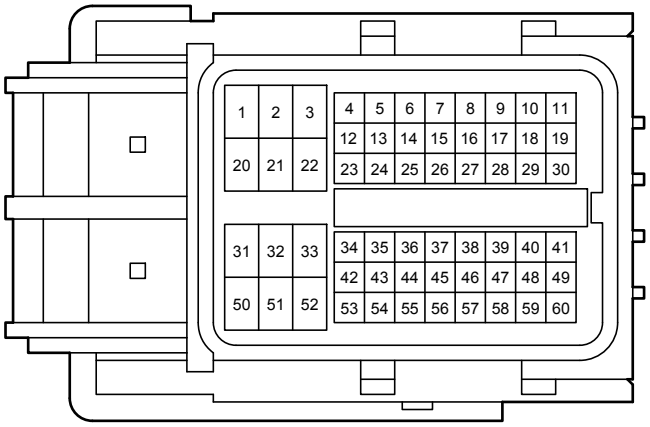
A 37
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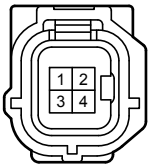
A 38
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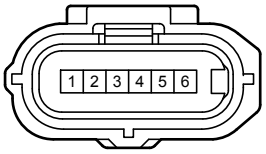
A 52
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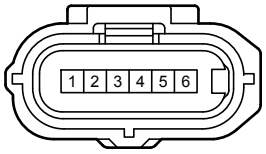
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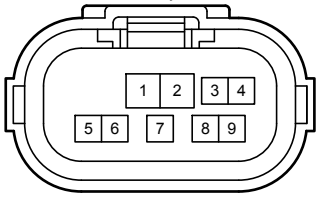
B 7
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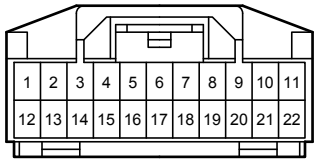
B 8
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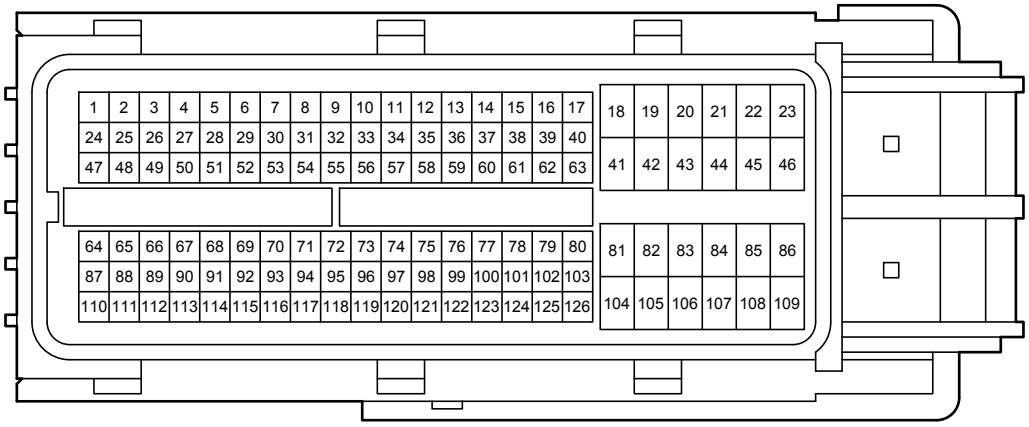
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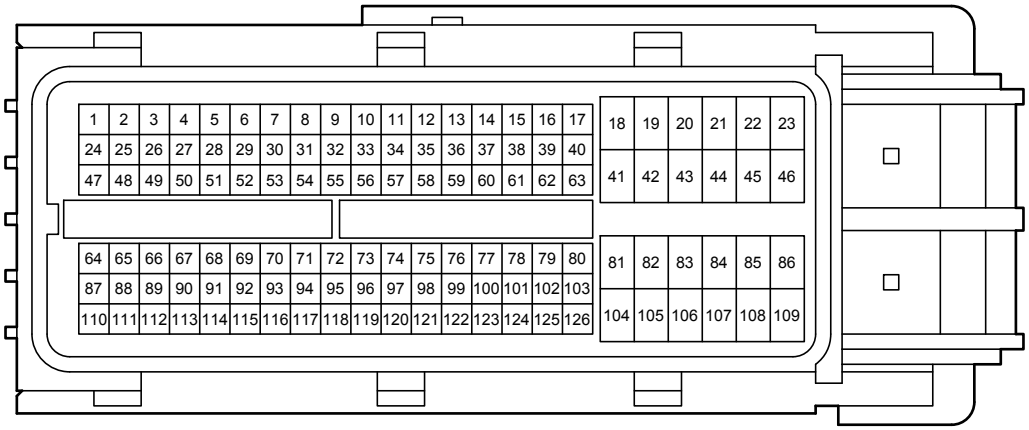
C 44
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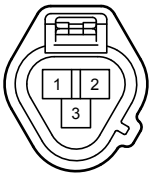
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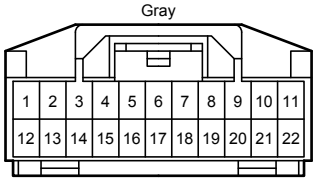
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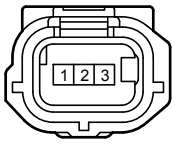
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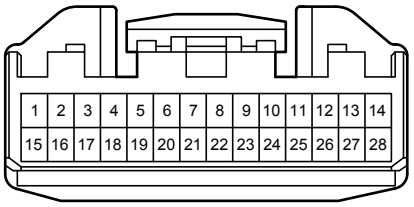
C 94
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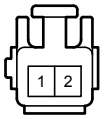
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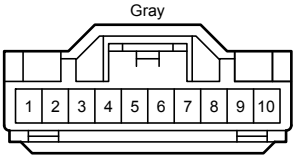
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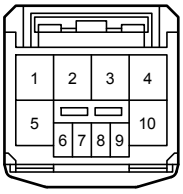
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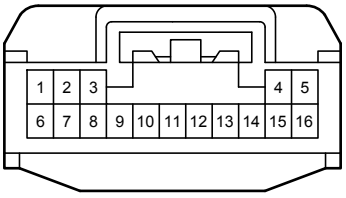
E 11
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E 16
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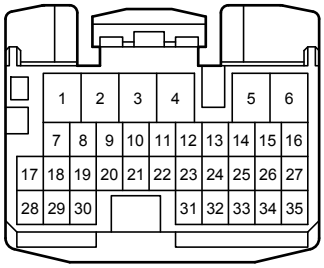


E 31
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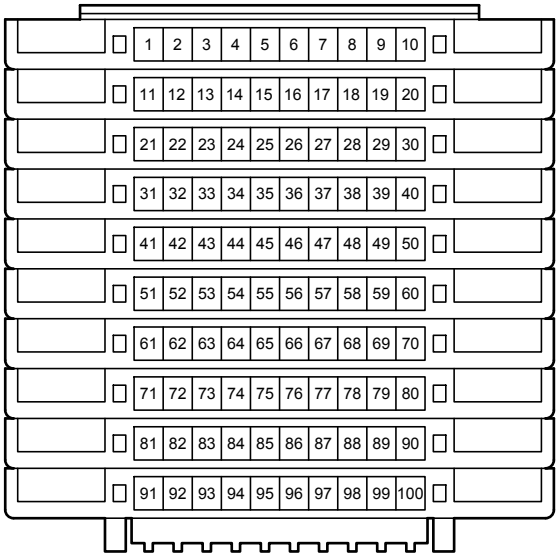


E 35

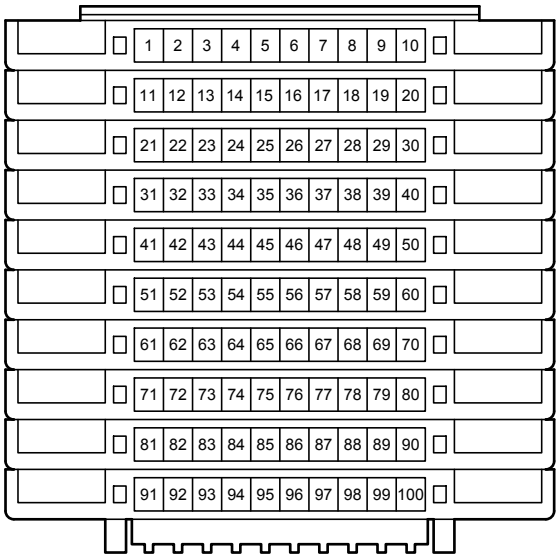
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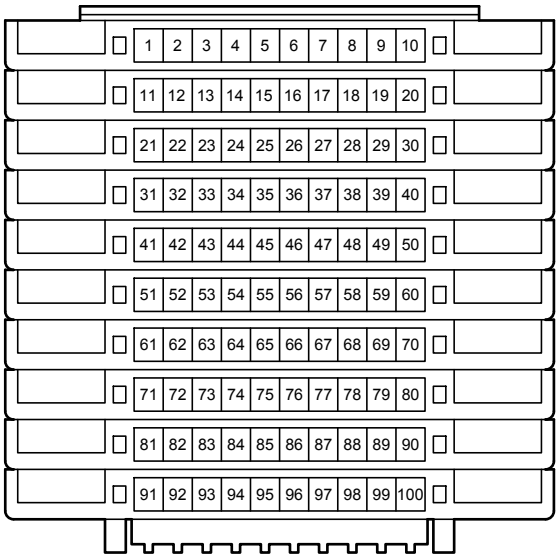
E 59



E 60

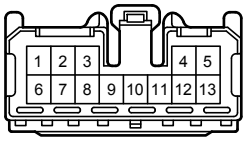


E 61



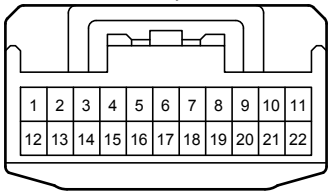
E 62

White



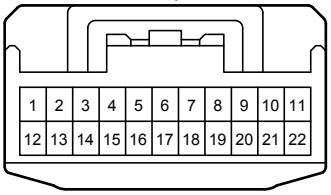
E 68

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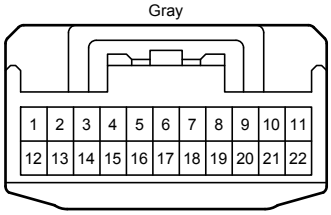
E 69

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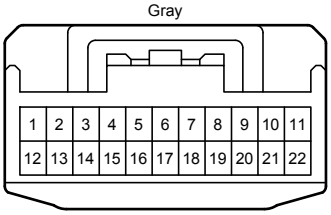
E 70

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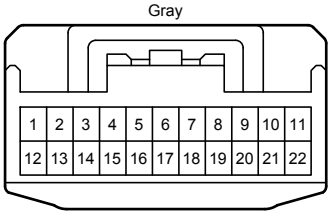
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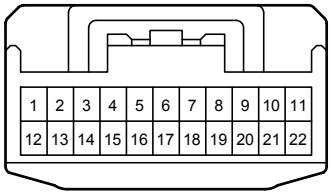


E 72

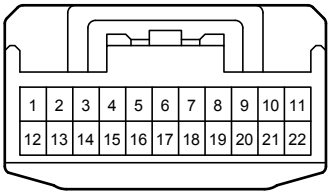
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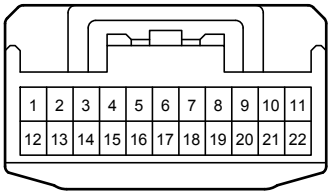
E 73
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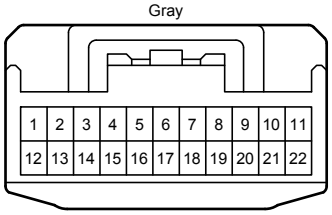
E 74
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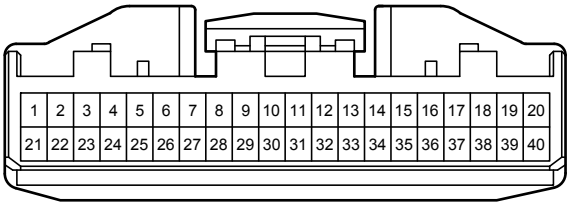
E 75
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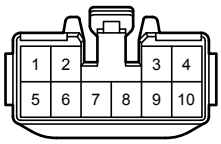
E 76
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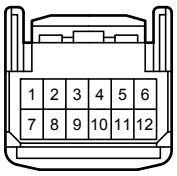
E 81
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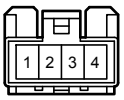
E 83
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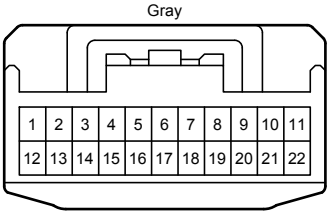
E 85
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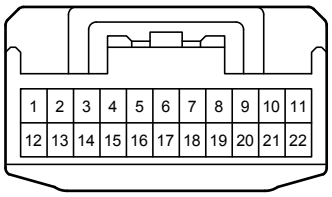
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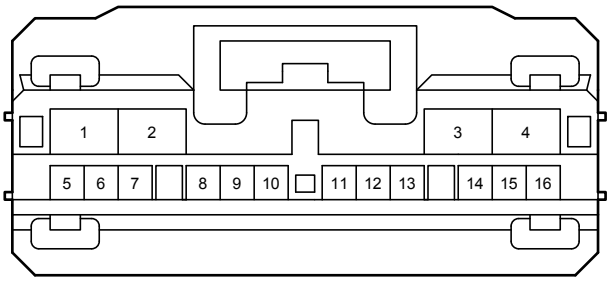
F 20
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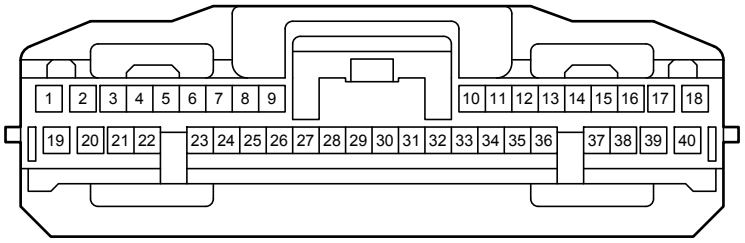
F 73
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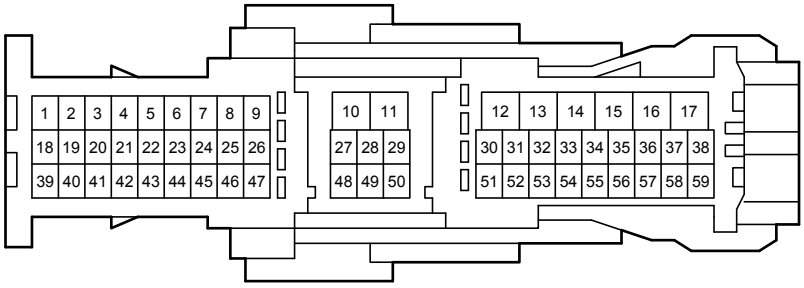
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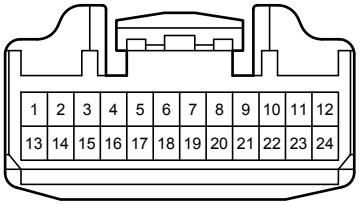
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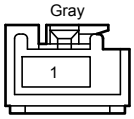
F 77
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F 79
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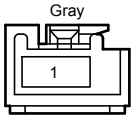
F 80
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F 81
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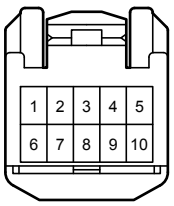
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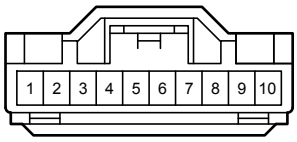
F 89
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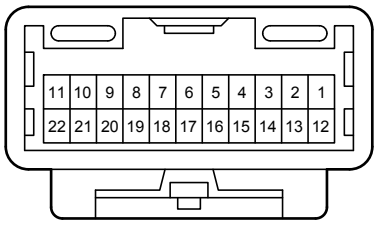
G 15
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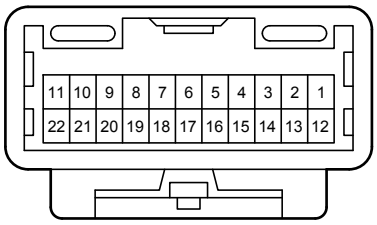
G 16
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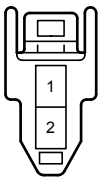
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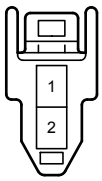
I 35
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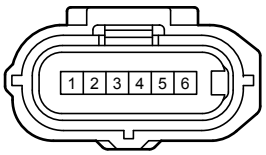
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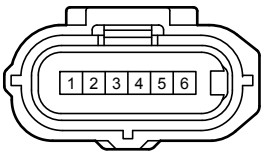
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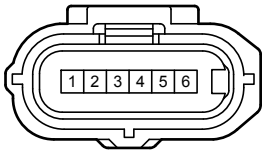
O 9
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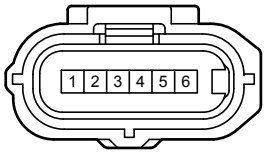
O 10
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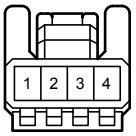
O 11
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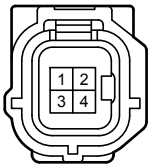
O 12
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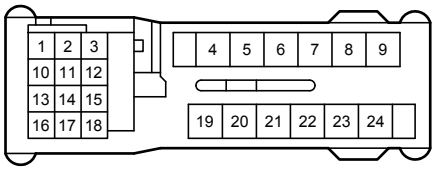
R 11
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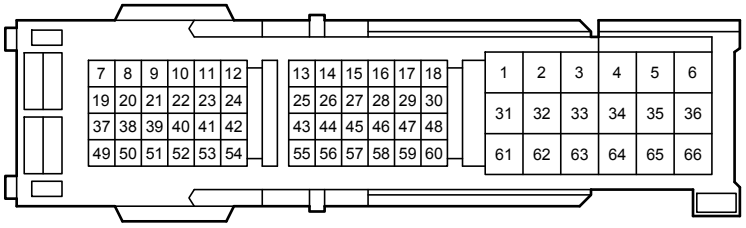
S 5
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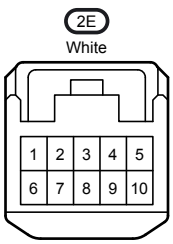


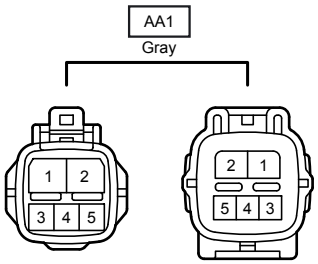
2B
White

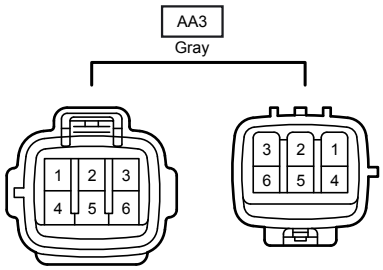


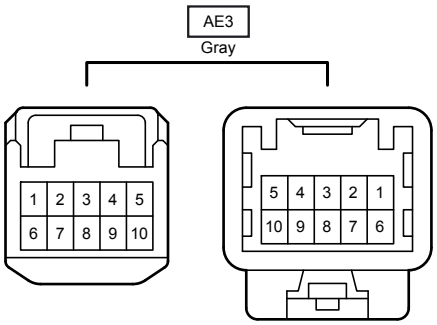
2D
White

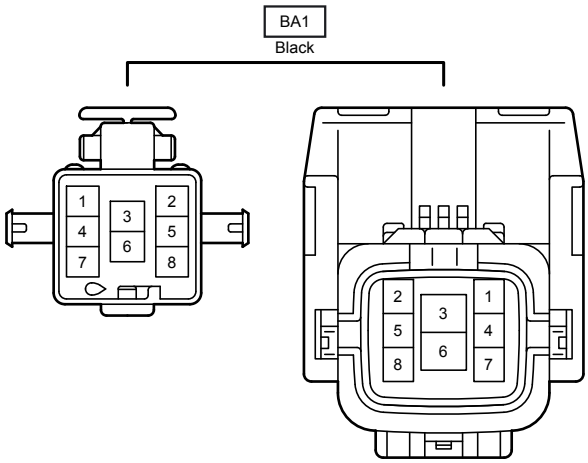


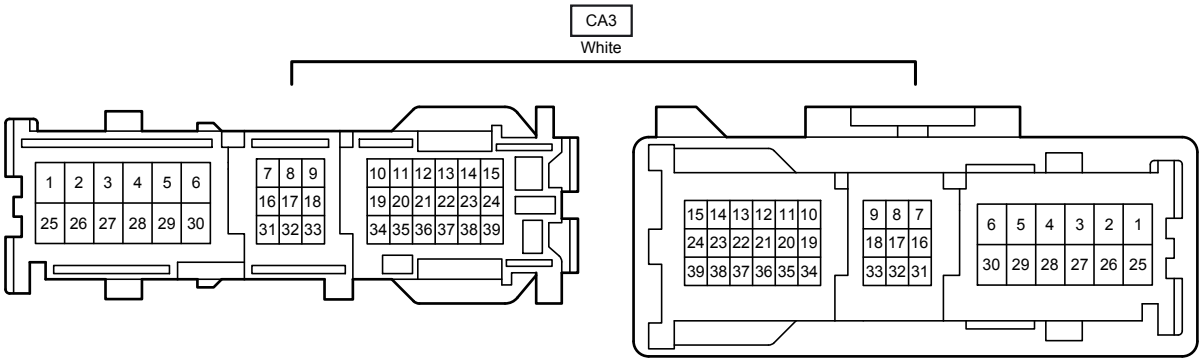

2E
White
1 2 3 4 5
6 7 8 9 10

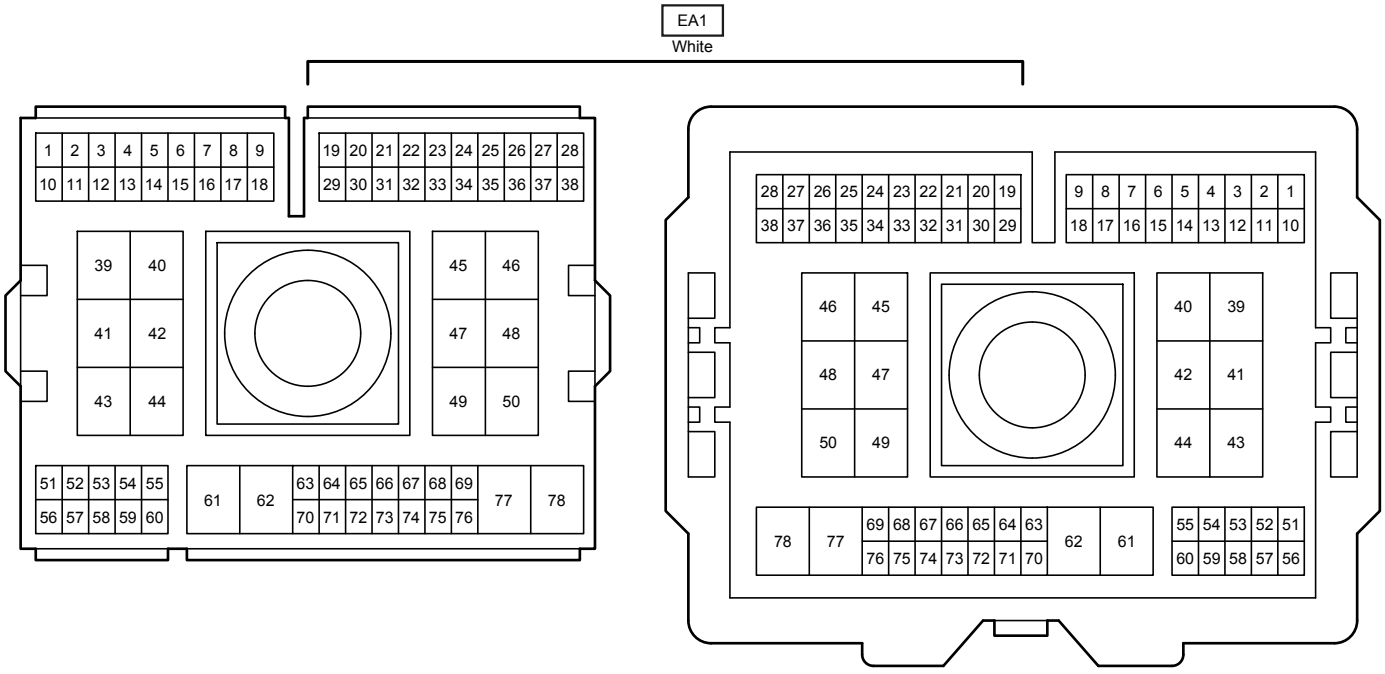

AA1
Gray
1 2
3 4 5
2 1
5 4 3


AA3
Gray
1 2 3
4 5 6
3 2 1
6 5 4


AE3
Gray
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

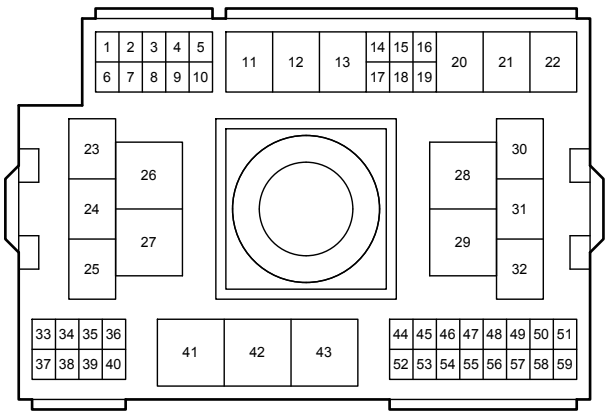

BA1
Black
1 4 7
3 6
2 5 8
2 5 8
3 6
1 4 7


CA3
White
1 2 3 4 5 6
25 26 27 28 29 30
7 8 9
16 17 18
31 32 33
10 11 12 13 14 15
19 20 21 22 23 24
34 35 36 37 38 39
15 14 13 12 11 10
24 23 22 21 20 19
39 38 37 36 35 34
9 8 7
18 17 16
33 32 31
6 5 4 3 2 1
30 29 28 27 26 25

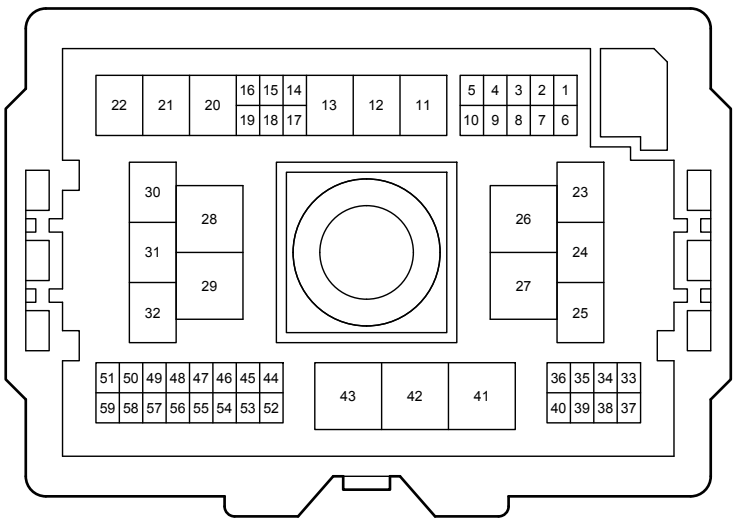

EA1
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61
62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77
78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45
48 47
50 49
40 39
42 41
44 43
78
77
69 68 67 66 65 64 63
76 75 74 73 72 71 70
62
61
55 54 53 52 51
60 59 58 57 56

EA2

White

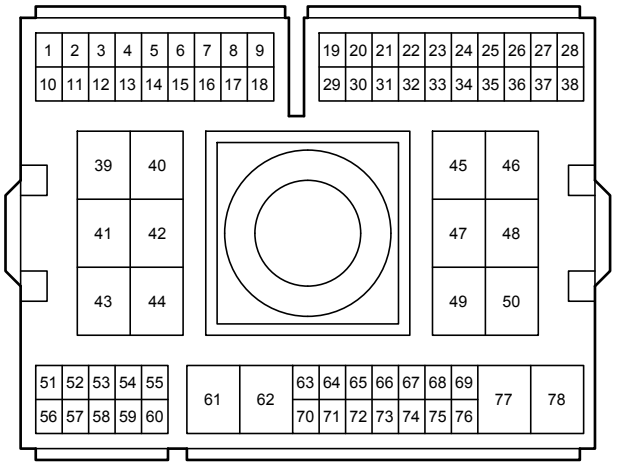


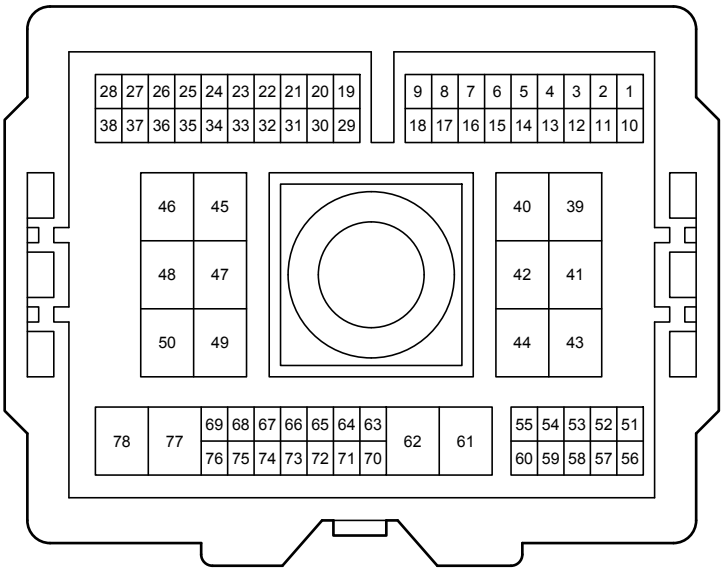
Gray



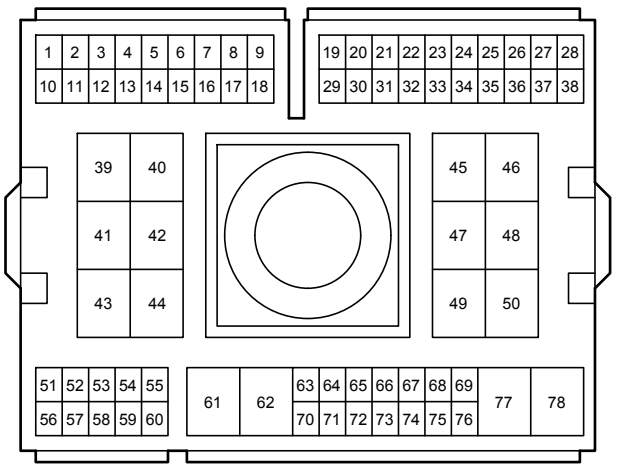
EA3

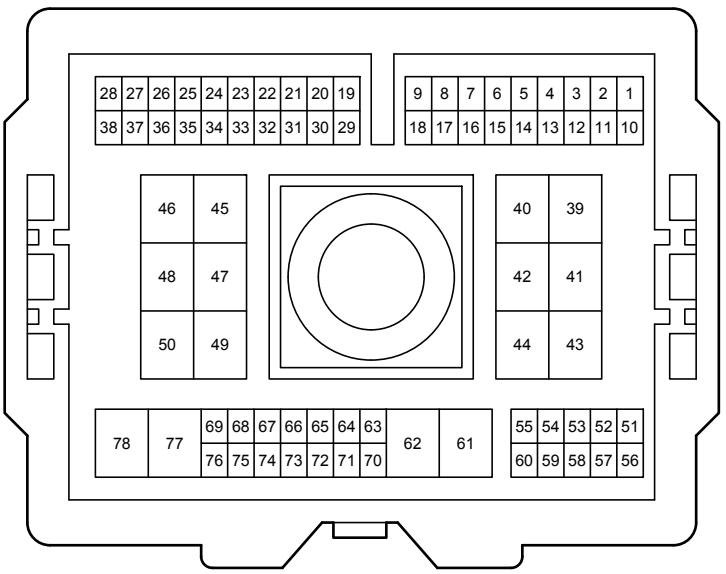
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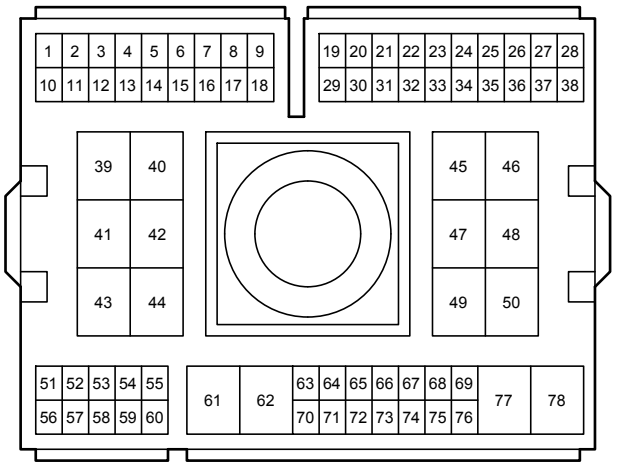


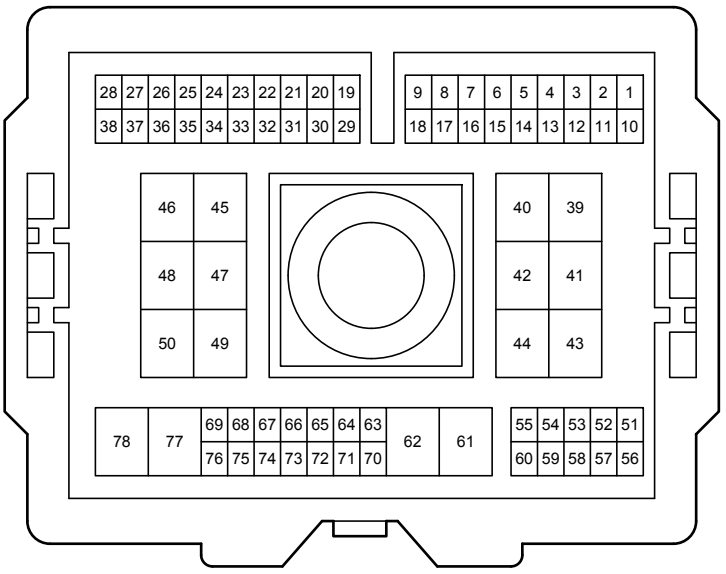
EK2
White



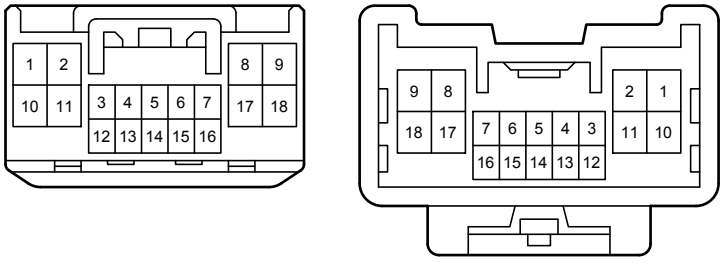


EL1
White

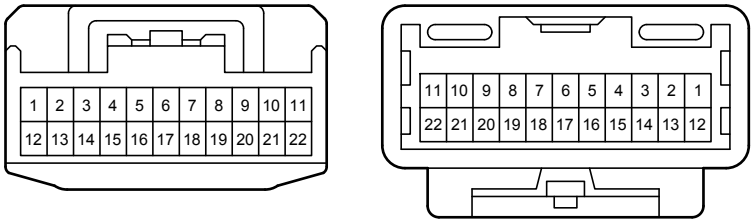




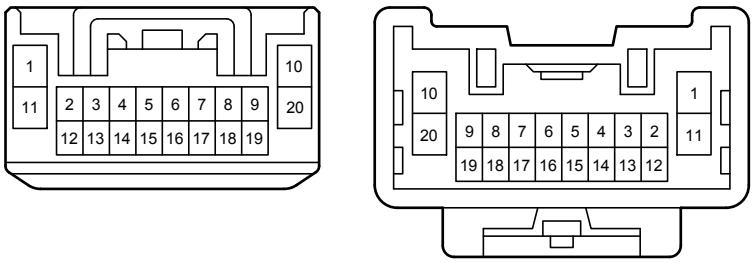
FE1
White



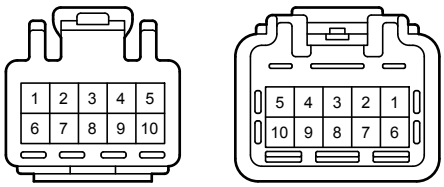
FE3
White



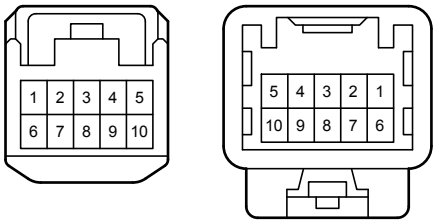
FE4
White



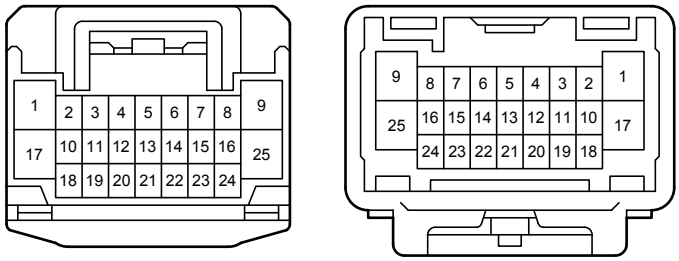
FE5
White



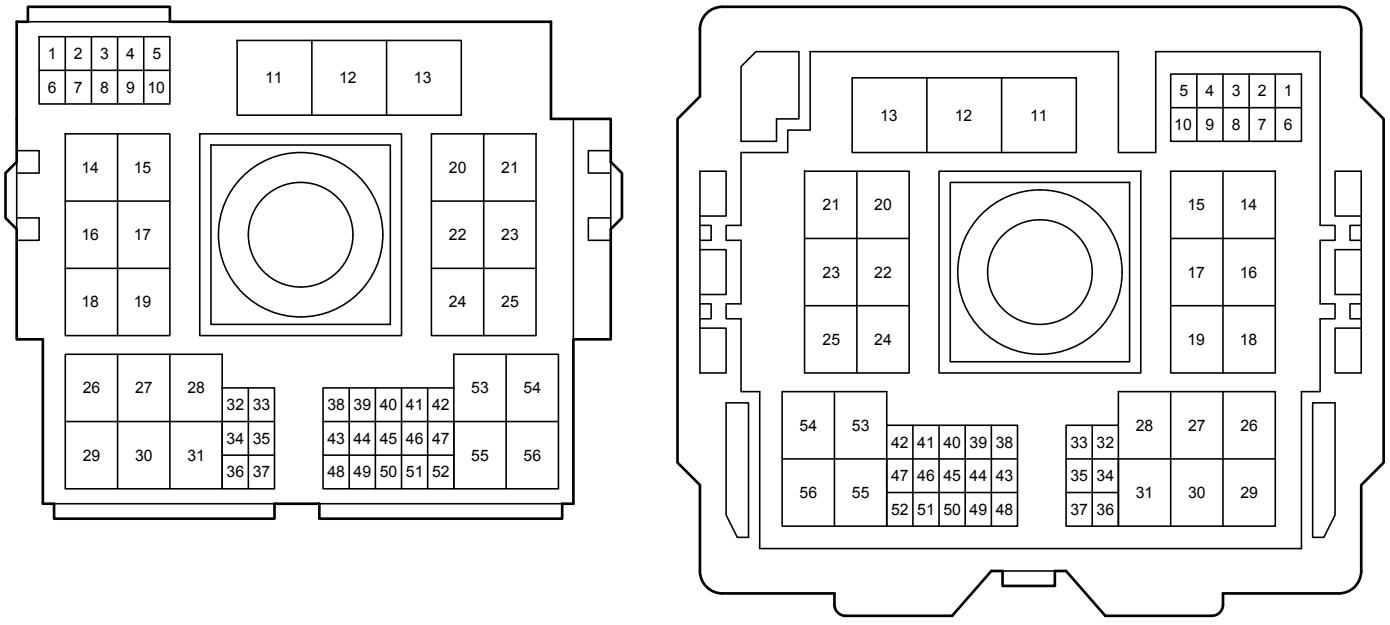
FE6
White



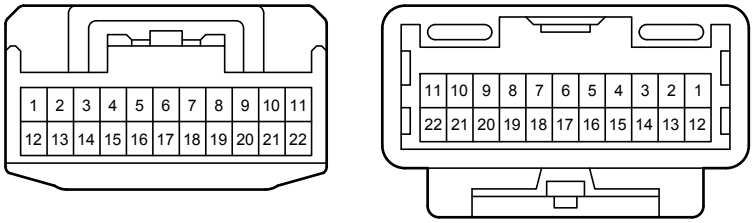
FE8
White



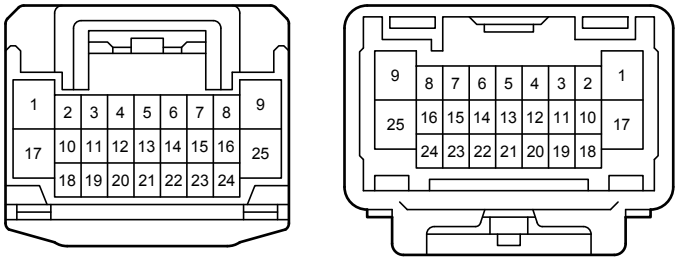
FL1
White
Blue



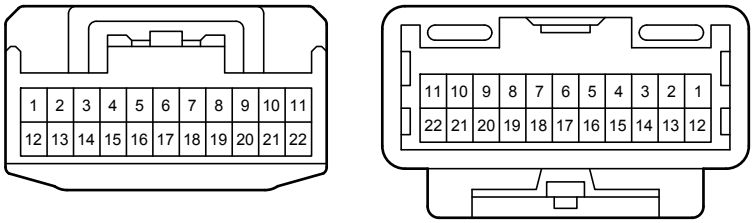
GE1
White



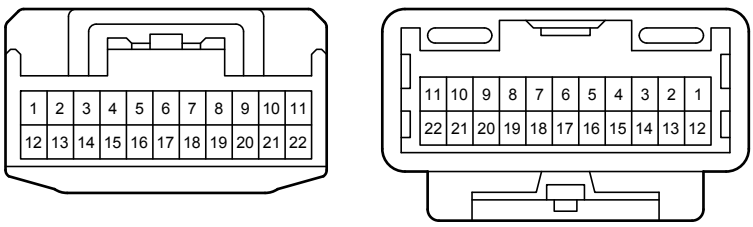
GE2
White



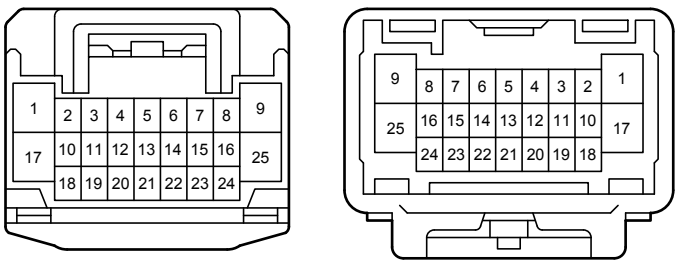
IE1
Gray



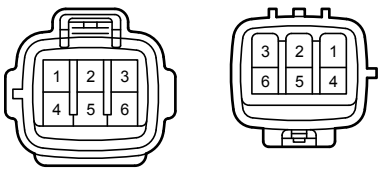
IE4
Gray

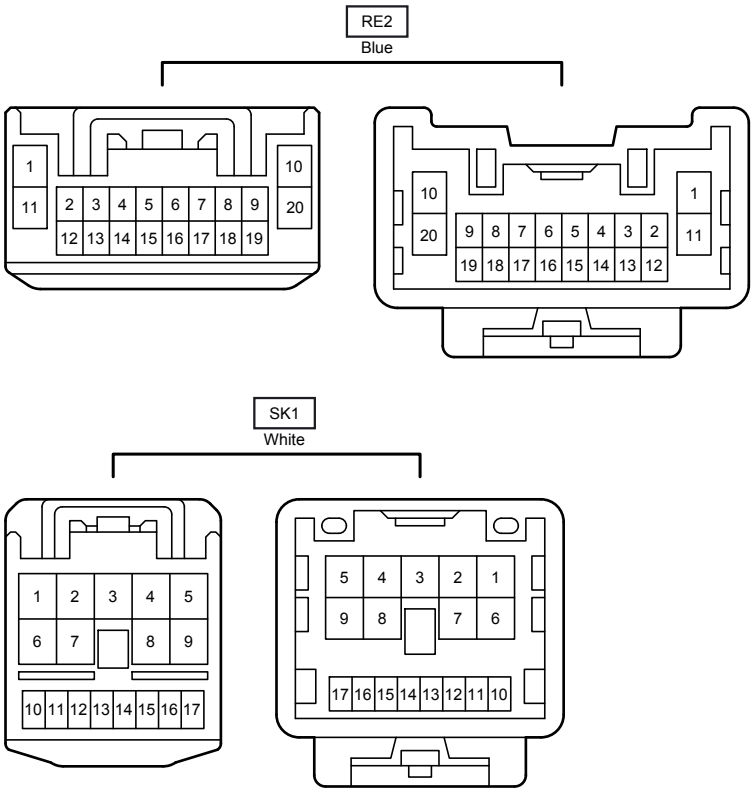


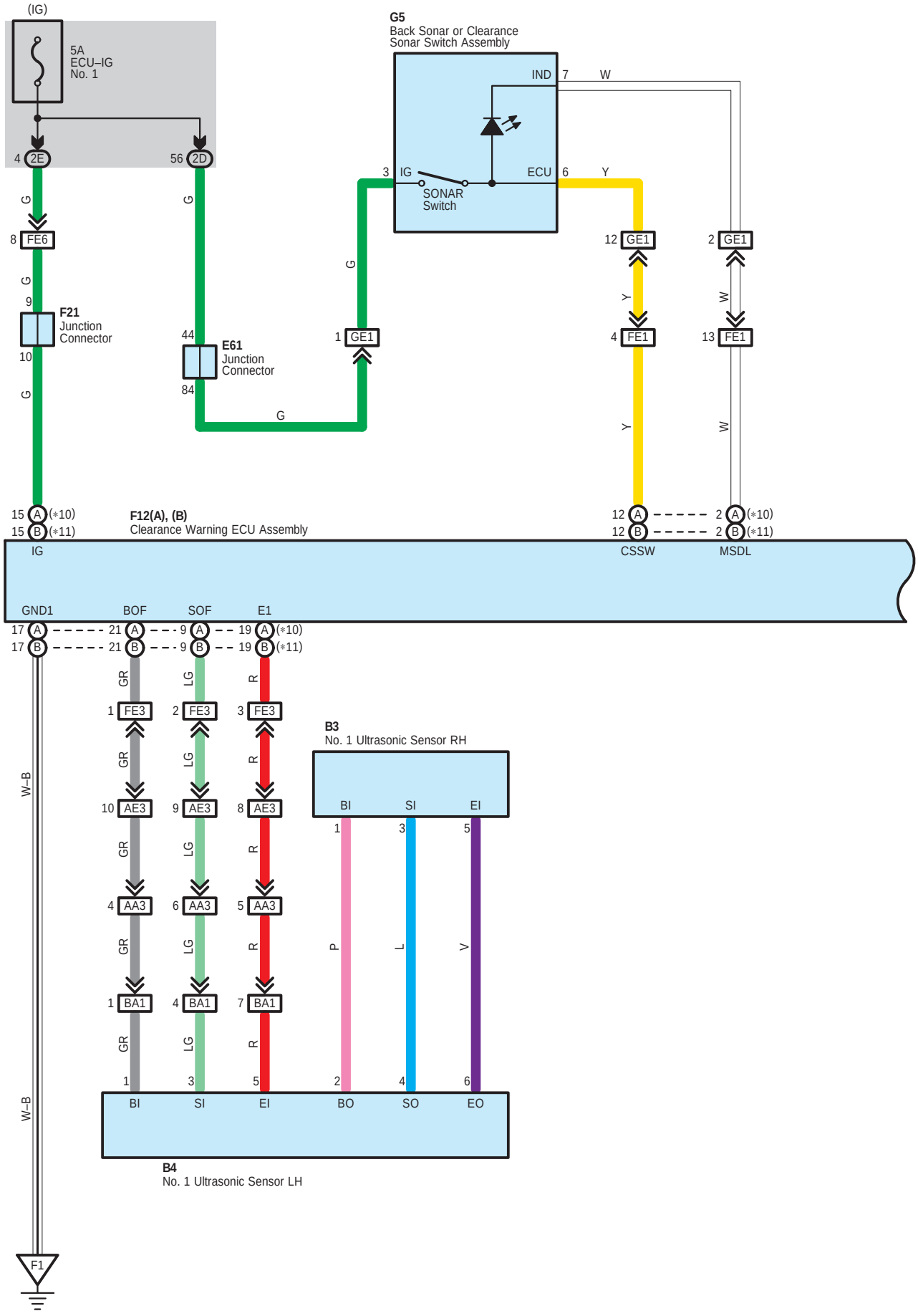
KL1
White

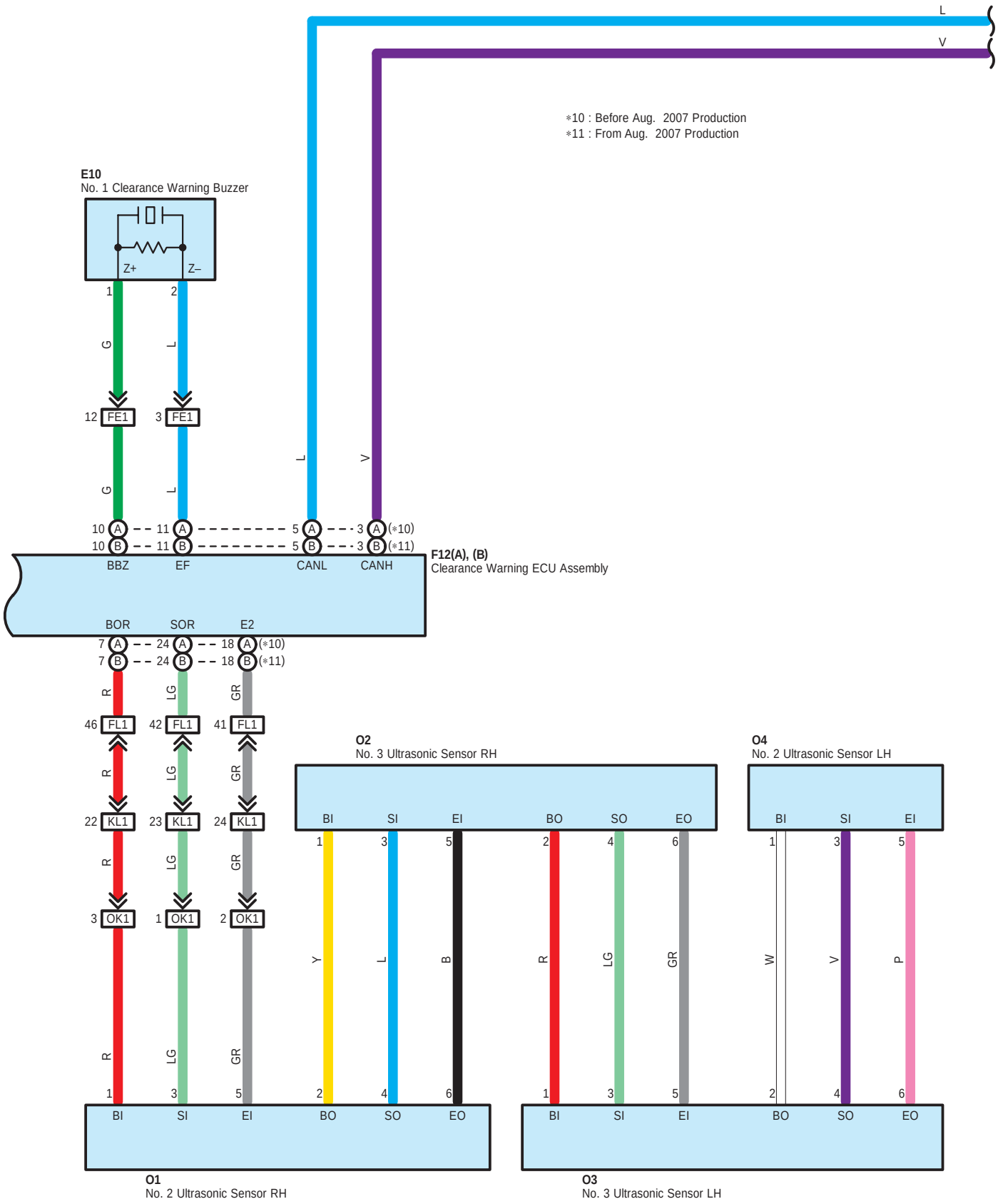


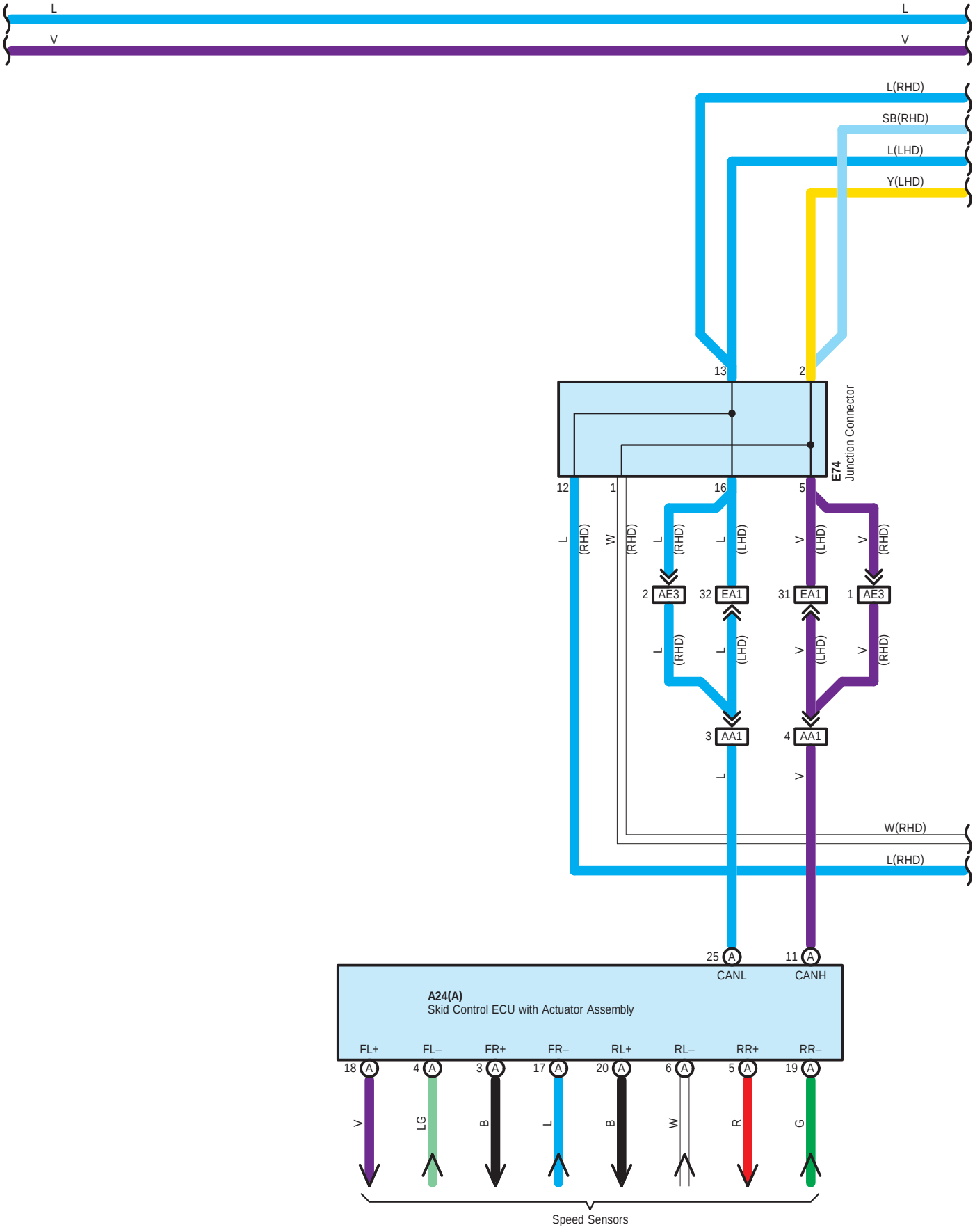
OK1
Black

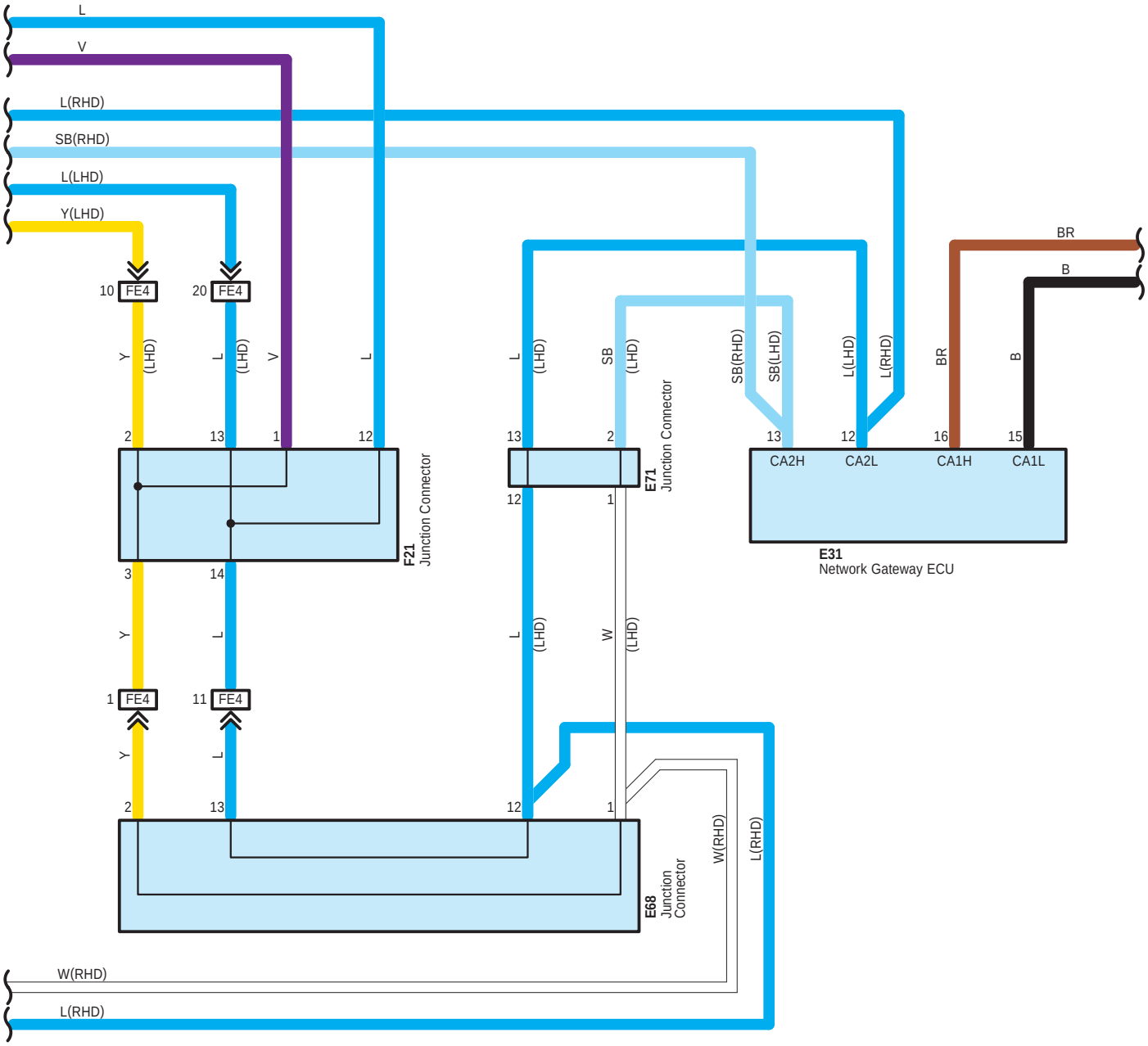


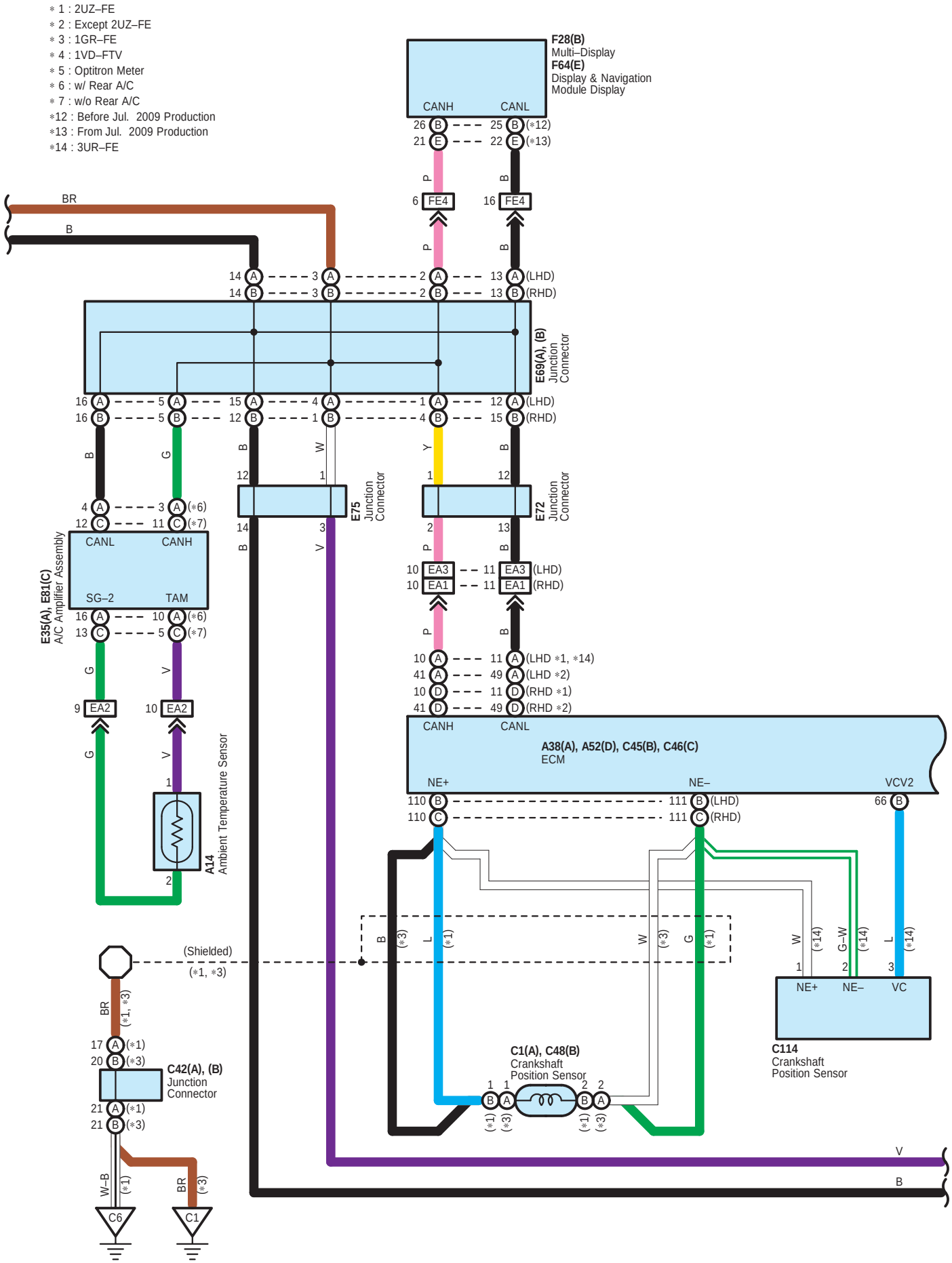

RE2
Blue
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11
SK1
White
1 2 3 4 5
6 7 8 9
10 11 12 13 14 15 16 17
5 4 3 2 1
9 8 7 6
17 16 15 14 13 12 11 10

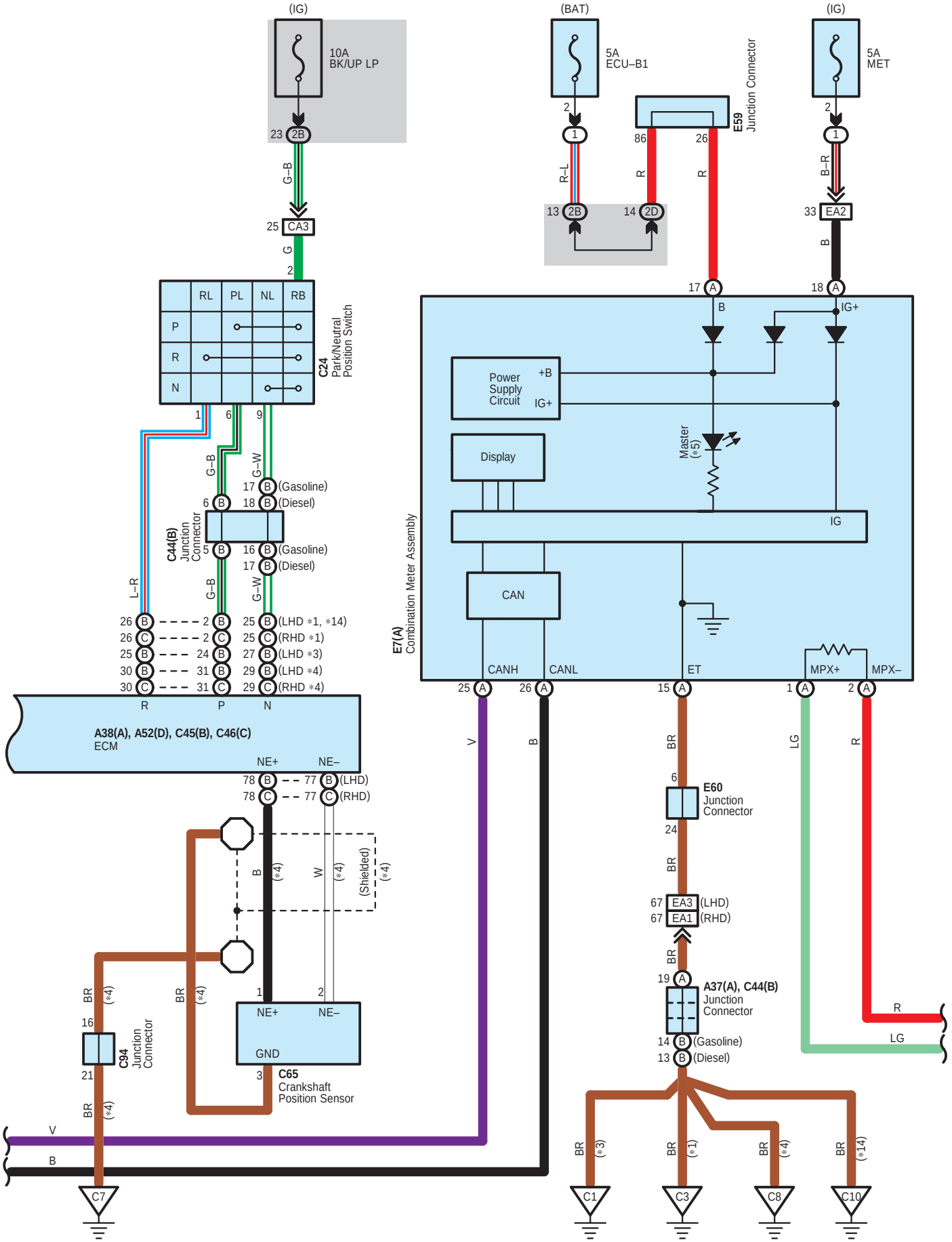

(IG)
5A
ECU–IG
No. 1
4 2E
56 2D
G5
Back Sonar or Clearance
Sonar Switch Assembly
IND 7 W
3 IG
ECU 6 Y
SONAR
Switch
8 FE6
9
F21
Junction
Connector
10
44
E61
Junction
Connector
84
1 GE1
12 GE1
2 GE1
4 FE1
13 FE1
15 A (*10)
15 B (*11)
IG
F12(A), (B)
Clearance Warning ECU Assembly
12 A
12 B
2 A (*10)
2 B (*11)
CSSW
MSDL
GND1
BOF
SOF
E1
17 A
17 B
21 A
21 B
9 A
9 B
19 A (*10)
19 B (*11)
1 FE3
2 FE3
3 FE3
10 AE3
9 AE3
8 AE3
4 AA3
6 AA3
5 AA3
1 BA1
4 BA1
7 BA1
B3
No. 1 Ultrasonic Sensor RH
BI
SI
EI
BO
SO
EO
B4
No. 1 Ultrasonic Sensor LH
W–B
W–B
F1
G
GR
LG
R
P
L
V
Y
W


L
V
*10 : Before Aug. 2007 Production
*11 : From Aug. 2007 Production
E10
No. 1 Clearance Warning Buzzer
Z+
Z–
1
2
G
L
12 FE1
3 FE1
L
V
10 A 11 A 5 A 3 A (*10)
10 B 11 B 5 B 3 B (*11)
BBZ
EF
CANL
CANH
F12(A), (B)
Clearance Warning ECU Assembly
BOR
SOR
E2
7 A 24 A 18 A (*10)
7 B 24 B 18 B (*11)
R
LG
GR
46 FL1
42 FL1
41 FL1
22 KL1
23 KL1
24 KL1
3 OK1
1 OK1
2 OK1
BI
SI
EI
BO
SO
EO
O2
No. 3 Ultrasonic Sensor RH
O4
No. 2 Ultrasonic Sensor LH
O1
No. 2 Ultrasonic Sensor RH
O3
No. 3 Ultrasonic Sensor LH

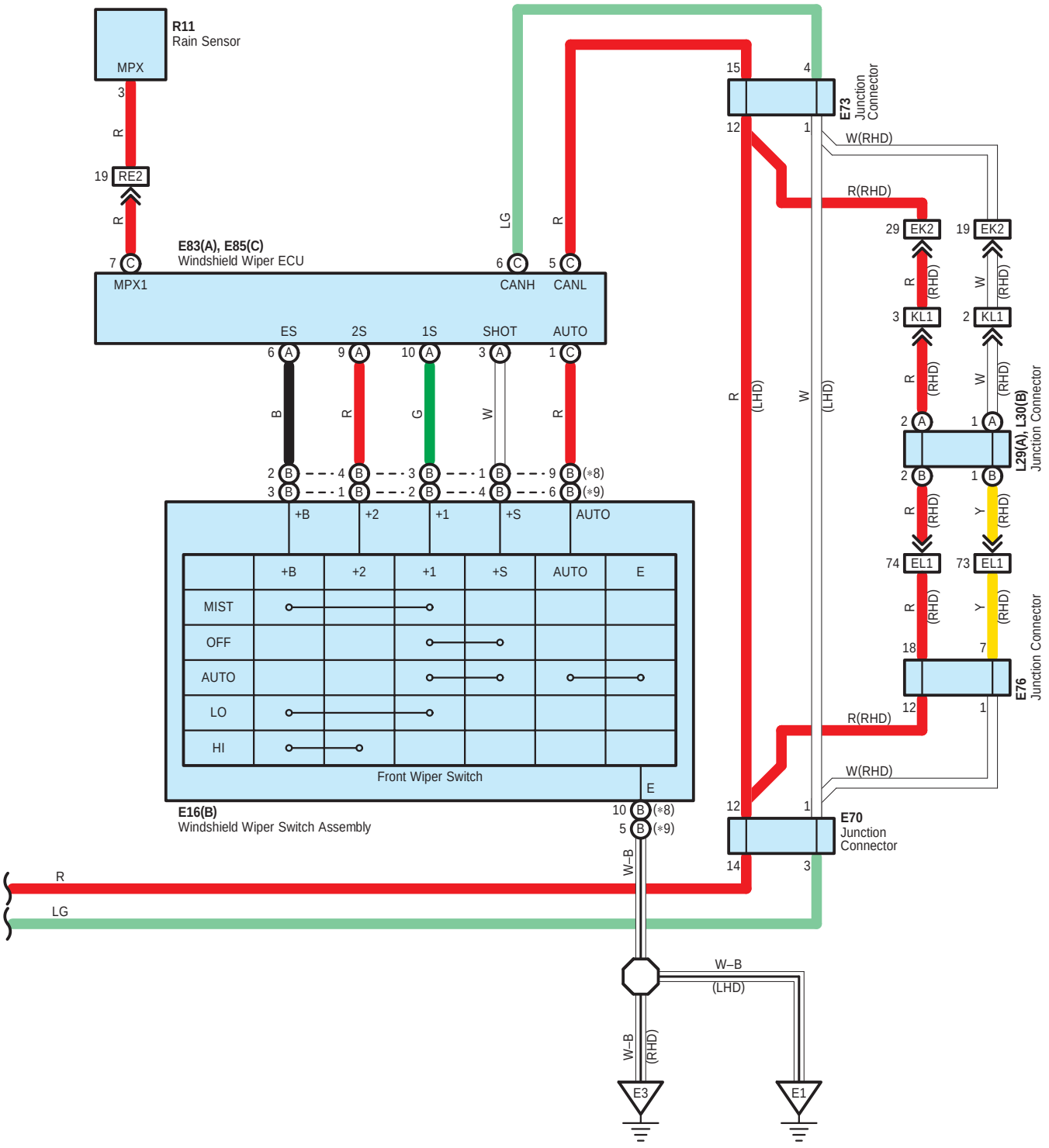

L
V
L
V
L(RHD)
SB(RHD)
L(LHD)
Y(LHD)
13
2
E74
Junction Connector
12
1
16
5
L (RHD)
W (RHD)
L (RHD)
L (LHD)
V (LHD)
V (RHD)
2 AE3
32 EA1
31 EA1
1 AE3
L (RHD)
L (LHD)
V (LHD)
V (RHD)
3 AA1
4 AA1
L
V
W(RHD)
L(RHD)
25 A
11 A
CANL
CANH
A24(A)
Skid Control ECU with Actuator Assembly
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
V
LG
B
L
B
W
R
G
Speed Sensors


L
V
L(RHD)
SB(RHD)
L(LHD)
Y(LHD)
10 FE4
20 FE4
Y (LHD)
L (LHD)
V
L
2
13
1
12
F21
Junction Connector
3
14
Y
L
1 FE4
11 FE4
Y
L
2
13
L (LHD)
SB (LHD)
13
2
12
1
E71
Junction Connector
L (LHD)
W (LHD)
12
1
E68
Junction
Connector
W(RHD)
L(RHD)
SB(RHD)
SB(LHD)
L(LHD)
L(RHD)
13
12
CA2H
CA2L
BR
B
16
15
CA1H
CA1L
E31
Network Gateway ECU
BR
B
W(RHD)
L(RHD)


∗ 1 : 2UZ–FE
∗ 2 : Except 2UZ–FE
∗ 3 : 1GR–FE
∗ 4 : 1VD–FTV
∗ 5 : Optitron Meter
∗ 6 : w/ Rear A/C
∗ 7 : w/o Rear A/C
∗12 : Before Jul. 2009 Production
∗13 : From Jul. 2009 Production
∗14 : 3UR–FE
F28(B)
Multi–Display
F64(E)
Display & Navigation
Module Display
CANH
CANL
26 B
25 B (∗12)
21 E
22 E (∗13)
6 FE4
16 FE4
BR
B
14 A
3 A
2 A
13 A (LHD)
14 B
3 B
2 B
13 B (RHD)
E69(A), (B)
Junction
Connector
16 A
5 A
15 A
4 A
1 A
12 A (LHD)
16 B
5 B
12 B
1 B
4 B
15 B (RHD)
E75
Junction
Connector
E72
Junction
Connector
4 A
3 A (∗6)
12 C
11 C (∗7)
E35(A), E81(C)
A/C Amplifier Assembly
CANL
CANH
SG–2
TAM
16 A
10 A (∗6)
13 C
5 C (∗7)
10 EA3
11 EA3 (LHD)
10 EA1
11 EA1 (RHD)
9 EA2
10 EA2
10 A
11 A (LHD ∗1, ∗14)
41 A
49 A (LHD ∗2)
10 D
11 D (RHD ∗1)
41 D
49 D (RHD ∗2)
A38(A), A52(D), C45(B), C46(C)
ECM
NE+
NE–
VCV2
110 B
111 B (LHD)
110 C
111 C (RHD)
66 B
A14
Ambient Temperature Sensor
(Shielded)
(∗1, ∗3)
17 A (∗1)
20 B (∗3)
C42(A), (B)
Junction
Connector
21 A (∗1)
21 B (∗3)
C1(A), C48(B)
Crankshaft
Position Sensor
C114
Crankshaft
Position Sensor
NE+
NE–
VC
C6
C1


(IG)
10A
BK/UP LP
23 2B
G–B
25 CA3
G
2
RL PL NL RB
P
R
N
C24
Park/Neutral
Position Switch
1 6 9
G–B
G–W
17 B (Gasoline)
6 B 18 B (Diesel)
C44(B)
Junction
Connector
5 B 16 B (Gasoline)
17 B (Diesel)
L–R
G–B
G–W
26 B 2 B 25 B (LHD *1, *14)
26 C 2 C 25 C (RHD *1)
25 B 24 B 27 B (LHD *3)
30 B 31 B 29 B (LHD *4)
30 C 31 C 29 C (RHD *4)
R P N
A38(A), A52(D), C45(B), C46(C)
ECM
NE+ NE–
78 B 77 B (LHD)
78 C 77 C (RHD)
B (*4)
W (*4)
(Shielded) (*4)
BR (*4)
BR (*4)
16
C94
Junction
Connector
21
BR (*4)
1 2
NE+ NE–
GND
3
C65
Crankshaft
Position Sensor
V
B
C7
(BAT)
5A
ECU–B1
2
1
R–L
13 2B 14 2D
86 R
26 R
E59
Junction Connector
(IG)
5A
MET
2
1
B–R
33 EA2
B
17 A 18 A
B IG+
Power
Supply
Circuit
+B
IG+
Display
Master
(*5)
IG
CAN
E7(A)
Combination Meter Assembly
CANH CANL ET MPX+ MPX–
25 A 26 A 15 A 1 A 2 A
V
B
BR
6
E60
Junction
Connector
24
BR
67 EA3 (LHD)
67 EA1 (RHD)
BR
19 A
A37(A), C44(B)
Junction
Connector
14 B (Gasoline)
13 B (Diesel)
LG
R
R
LG
BR (*3)
BR (*1)
BR (*4)
BR (*14)
C1
C3
C8
C10

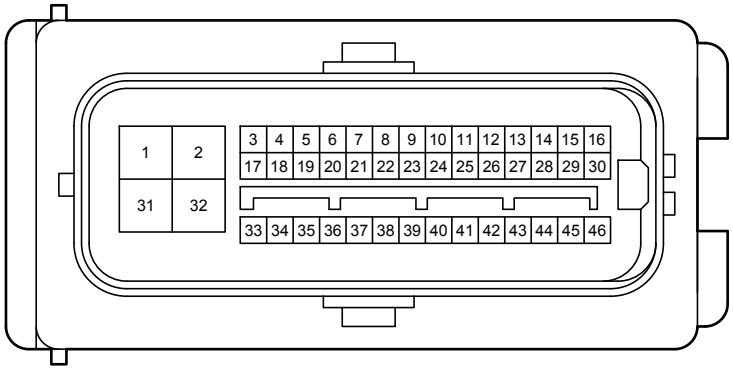
* 8 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 9 : RHD Headlight Dimmer Switch Assembly RH Side Type



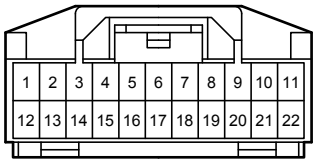
A 14
Black



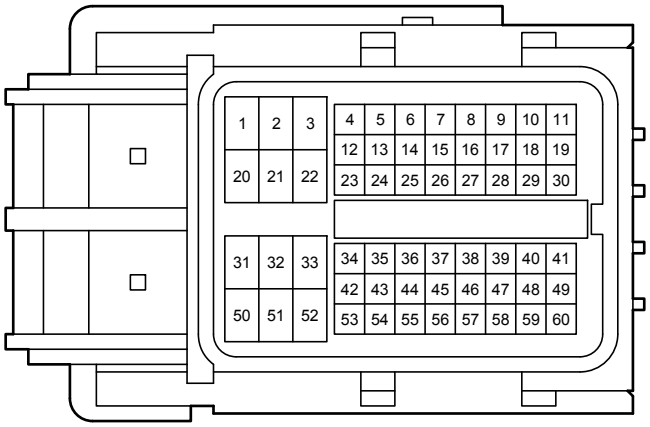
A 24
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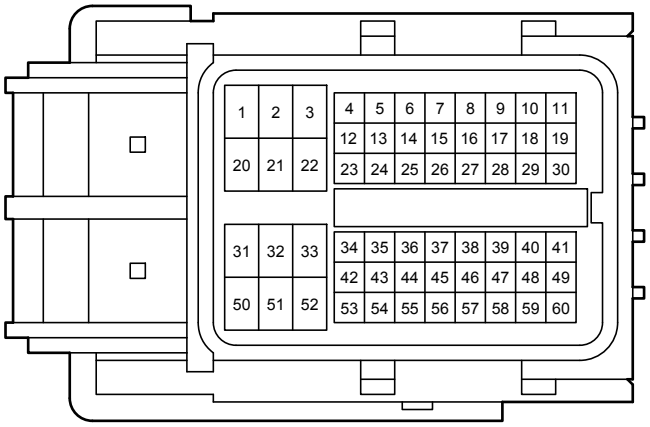
A 37
Blue



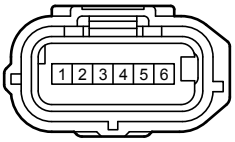
A 38
Black



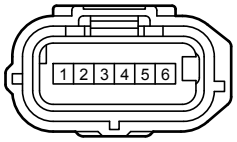
A 52
Black



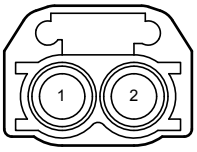
B 3
Black



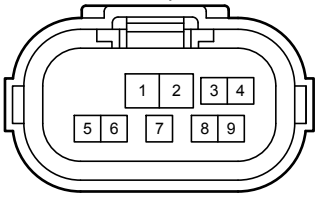
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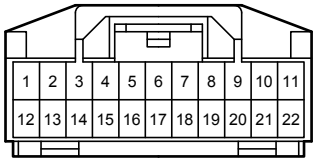
C 1
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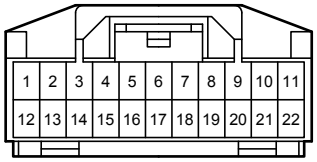
C 24
Gray



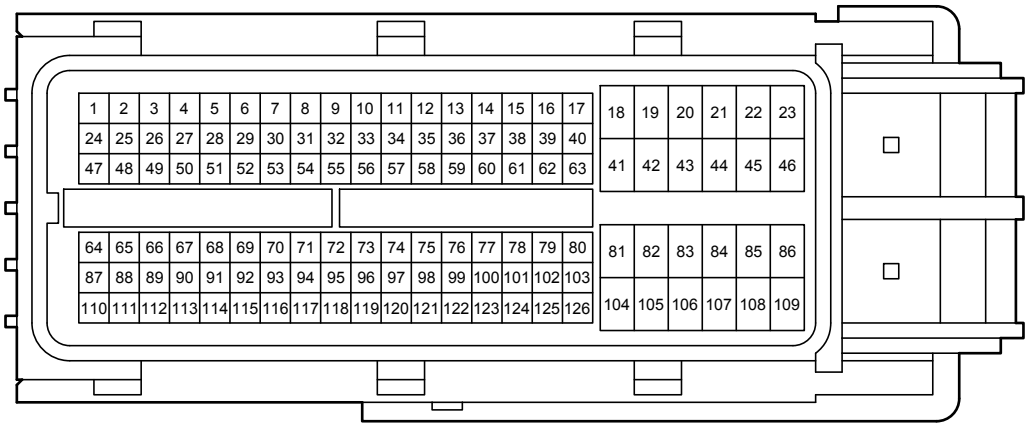
C 42
White



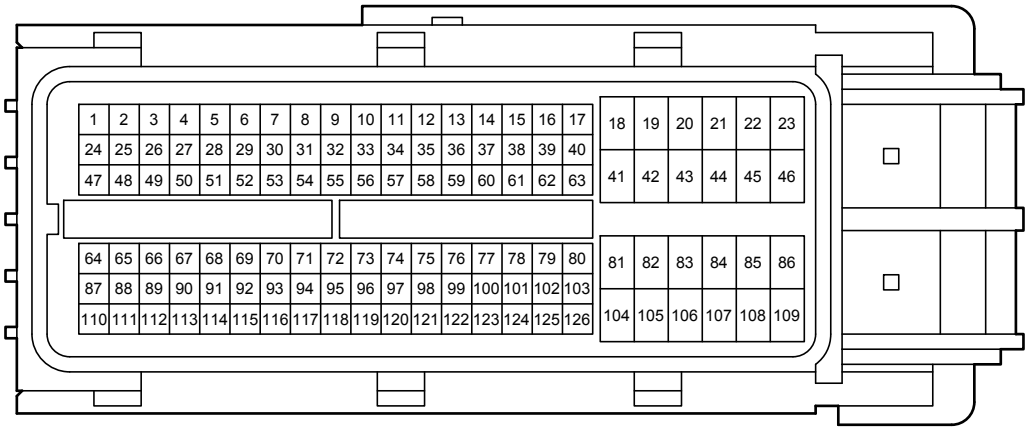
C 44
Blue



C 45
Black



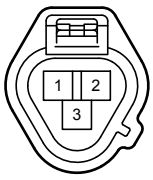
C 46
Black



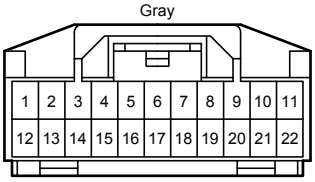
C 48
Dark Gray



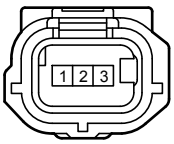
C 65
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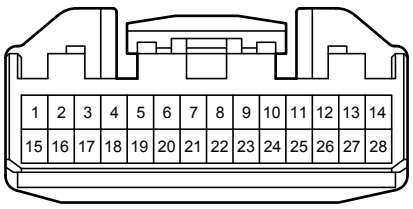
C 94
Gray



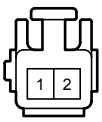
C114
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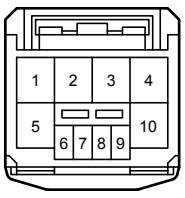
E 7
White



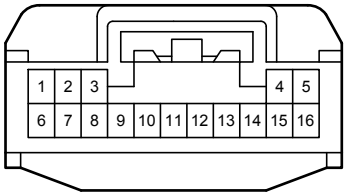
E 10
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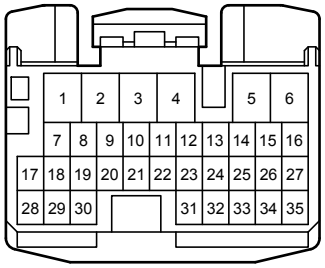
E 16
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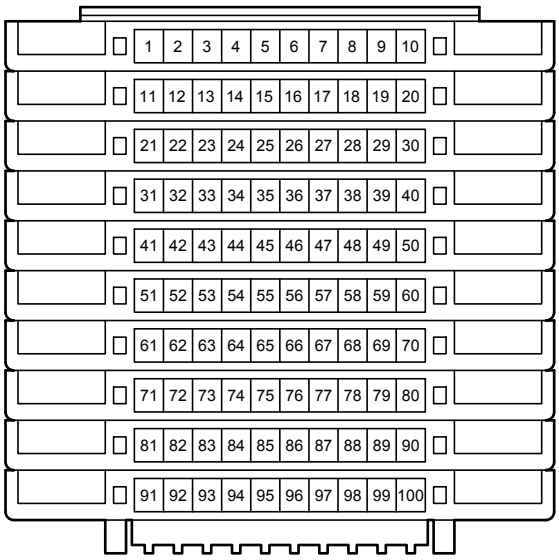
E 31
White



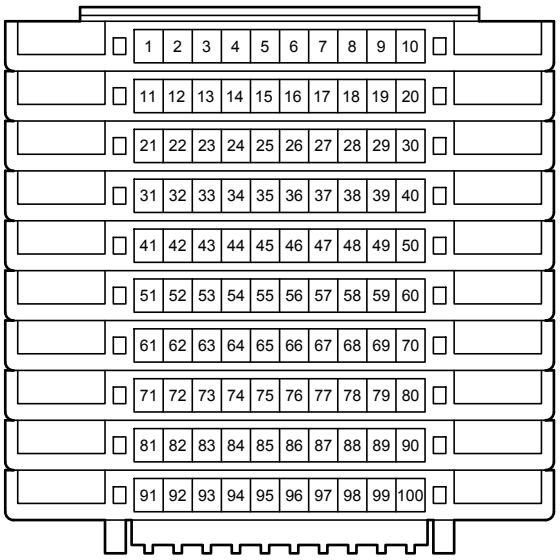
E 35
White



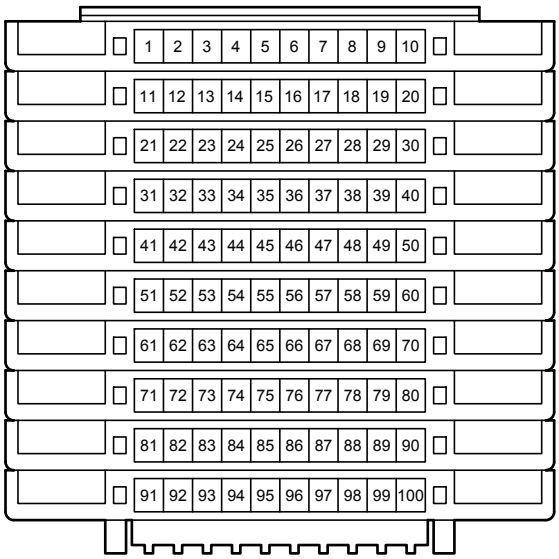
E 59



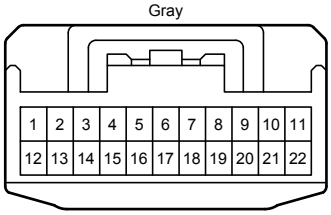
E 60



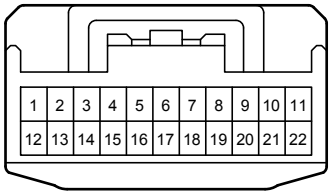
E 61



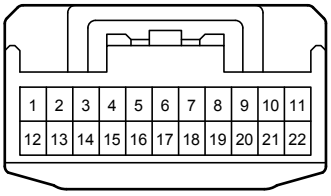
E 68
Gray



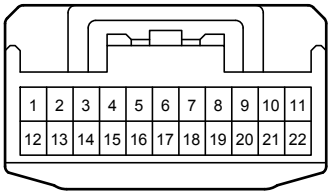
E 69
Gray



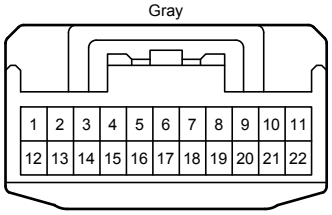
E 70
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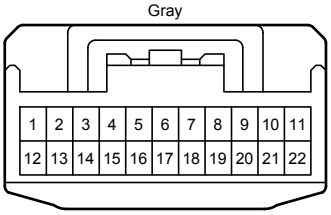
E 71
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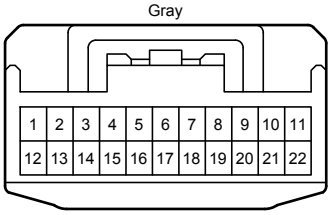
E 72
Gray



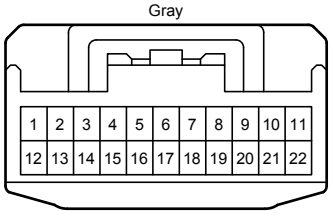
E 73
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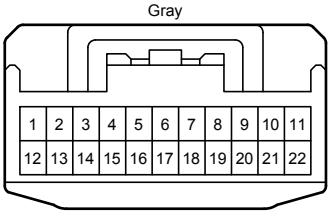
E 74
Gray



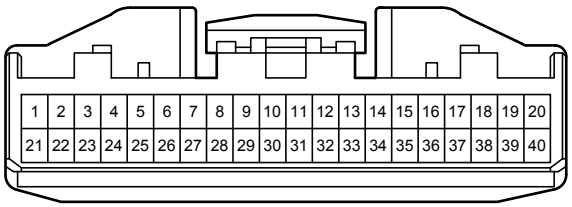
E 75
Gray



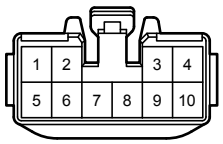
E 76
Gray



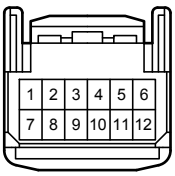
E 81
White



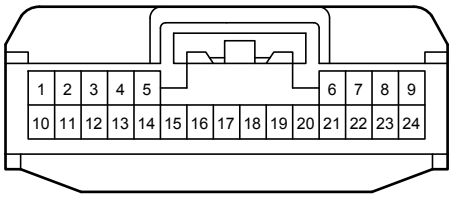
E 83
Blue



E 85
White

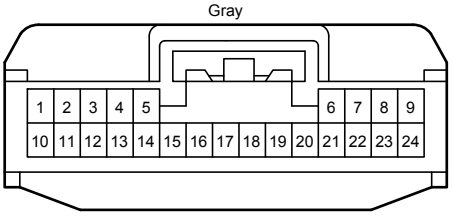


F 12
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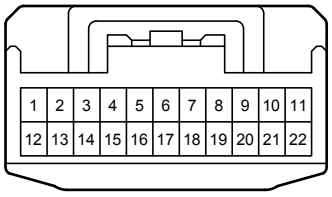
(Before Aug. 2007 Production)

F 12
Gray

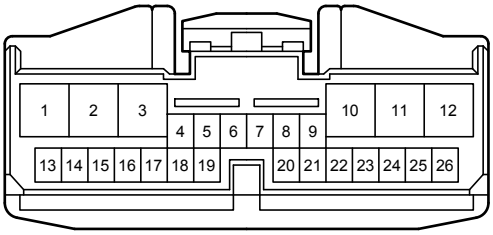


(From Aug. 2007 Production)

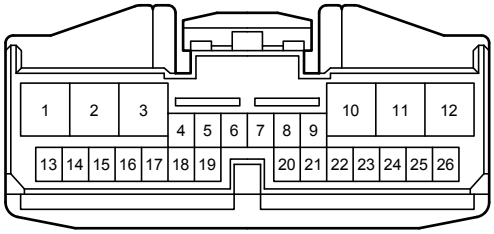
F 21
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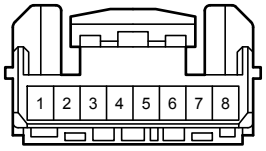
F 28
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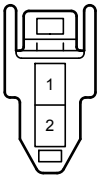
F 64
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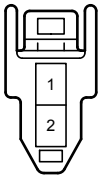
G 5
Black



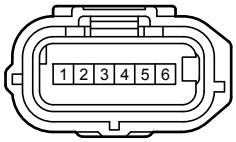
L 29
White



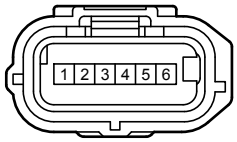
L 30
White



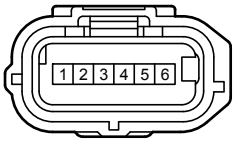
O 1
Black



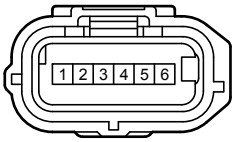
O 2
Black



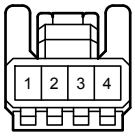
O 3
Black



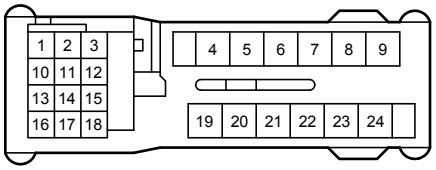
O 4
Black



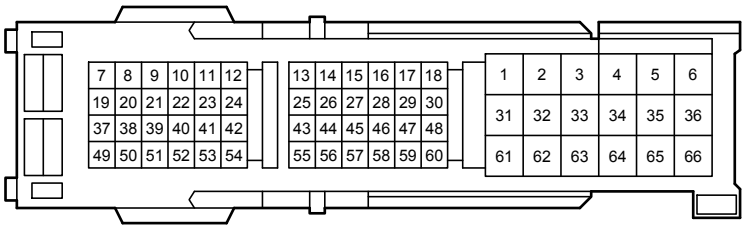
R 11
Black



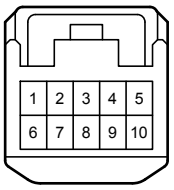
2B
White



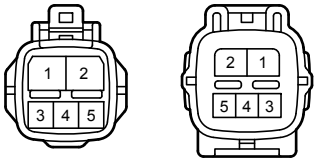
2D
White



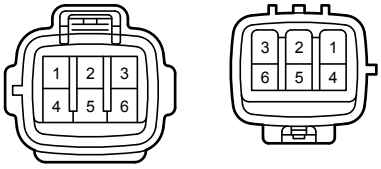
2E
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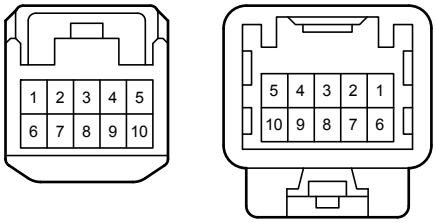
AA1
Gray



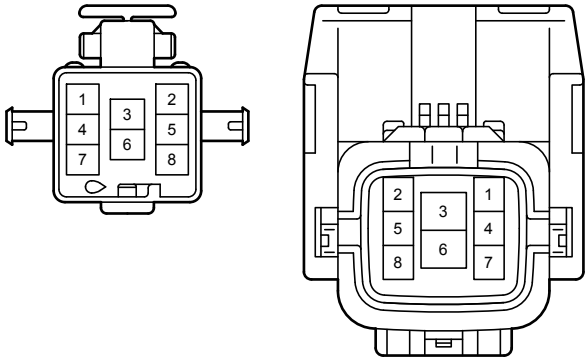
AA3
Gray



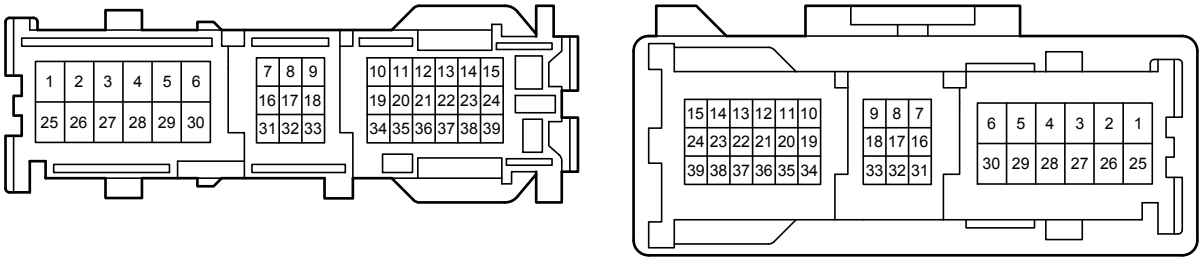
AE3
Gray



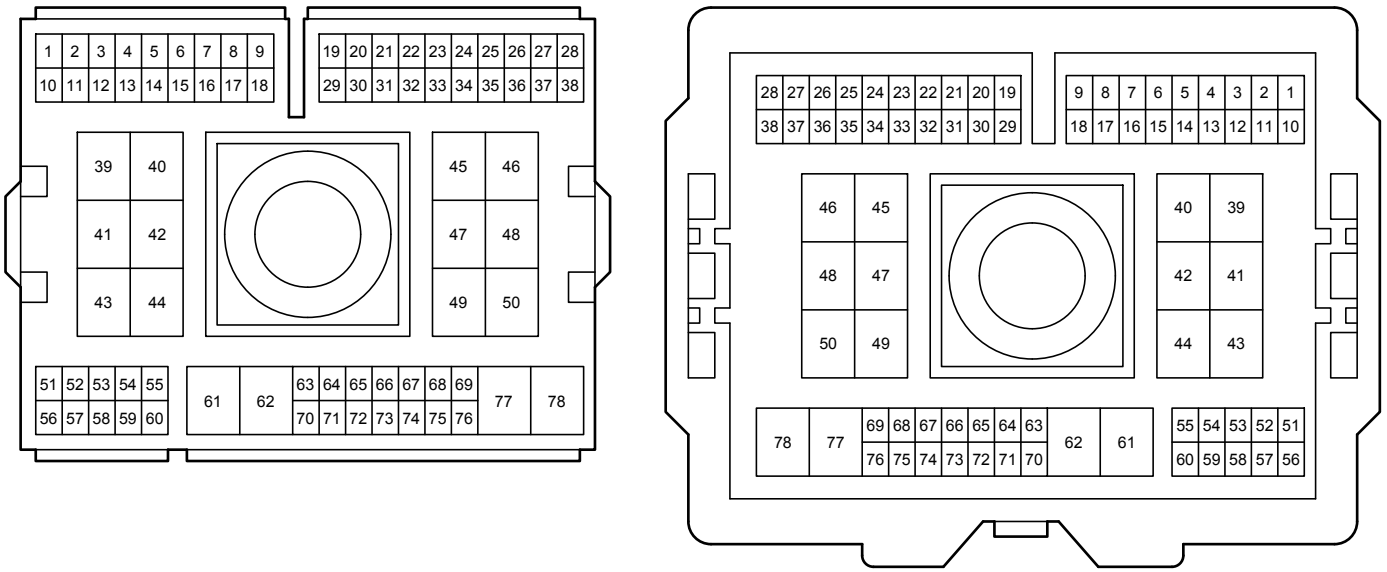
BA1
Black



CA3
White

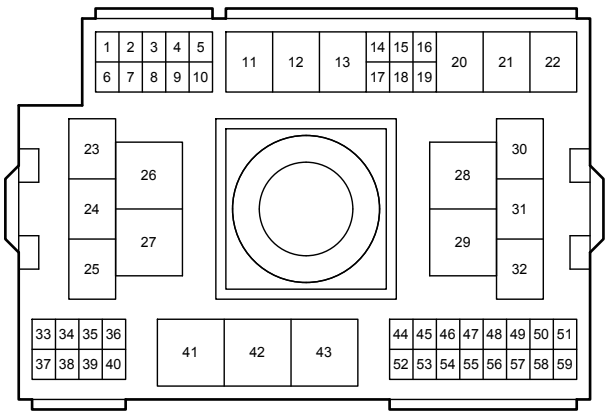


EA1
White

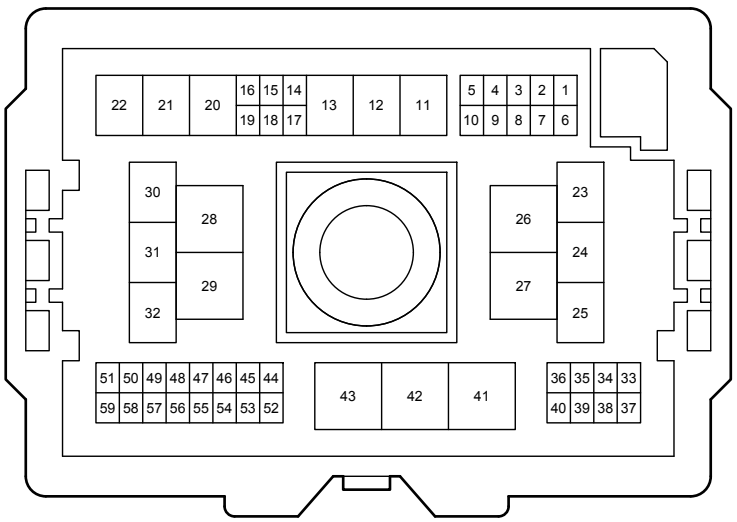


EA2

White

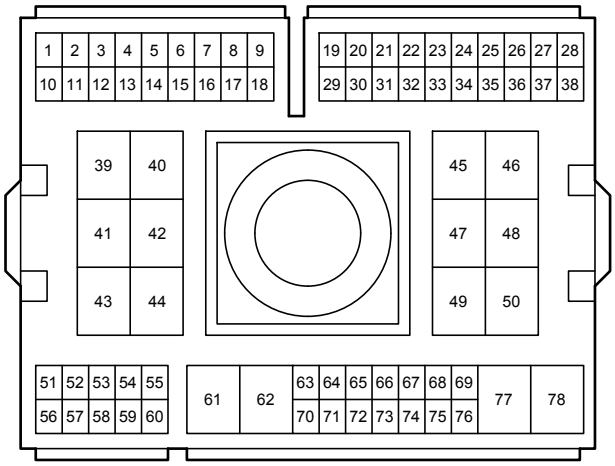


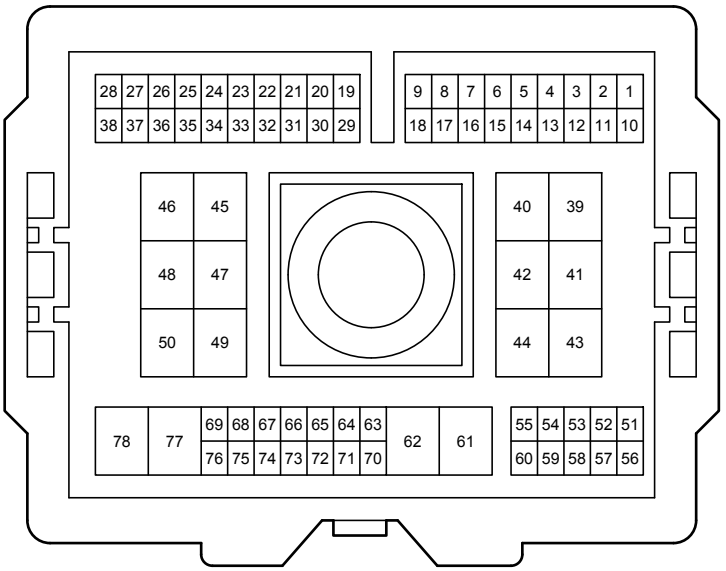
Gray



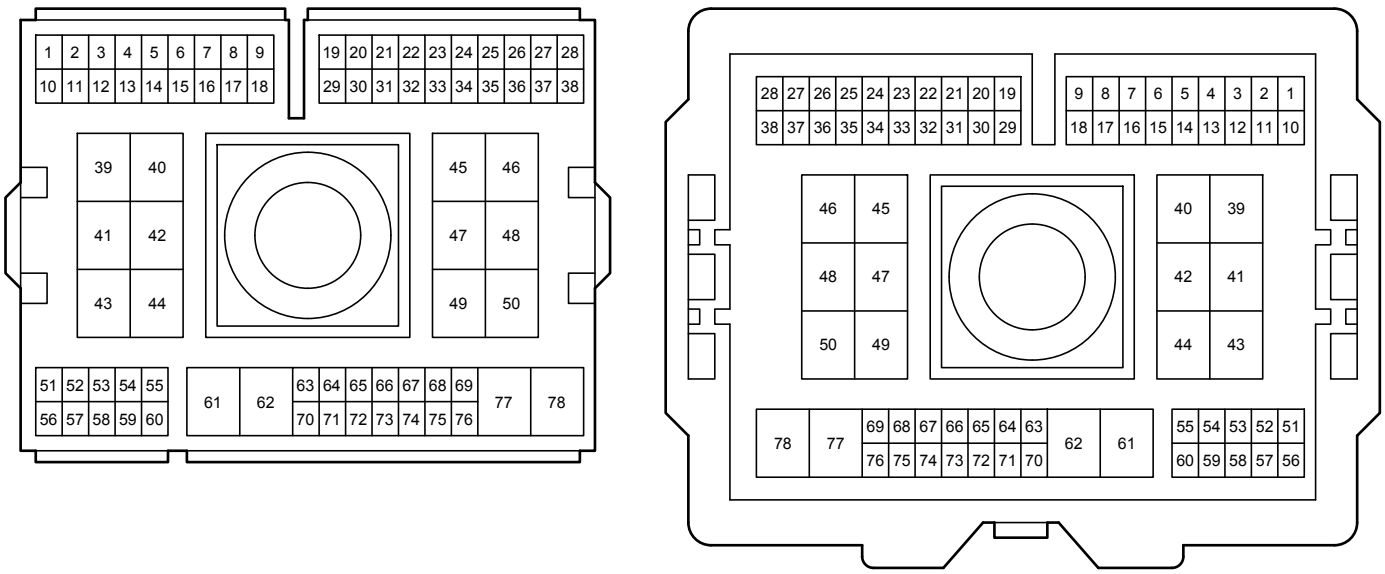
EA3

White

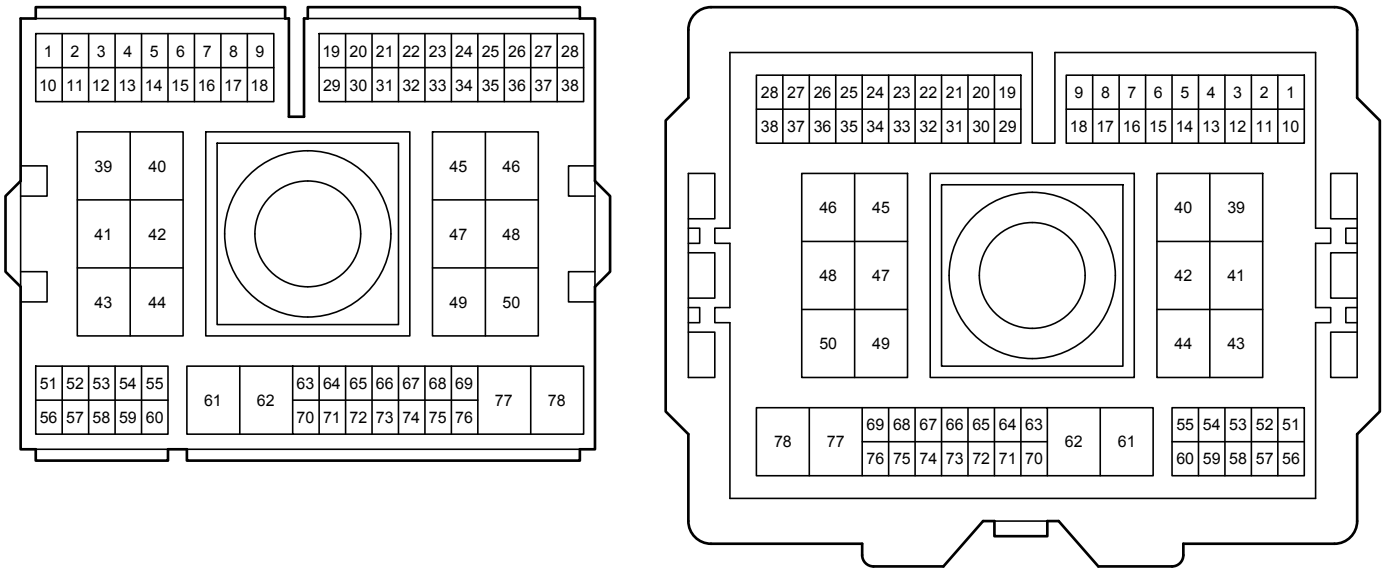




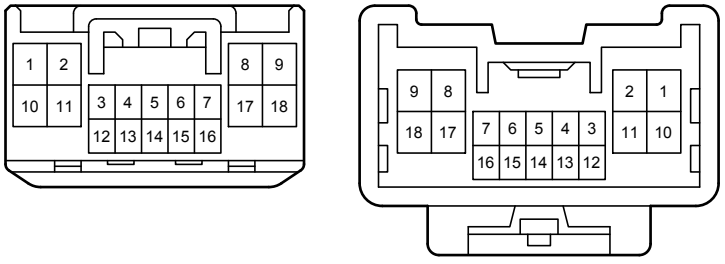
EK2
White



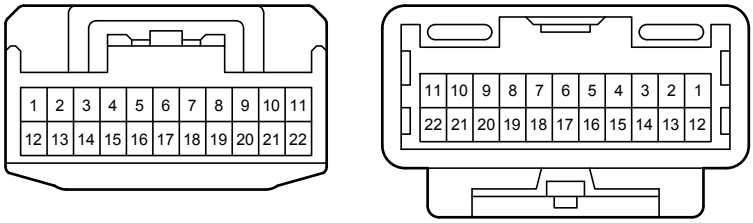
EL1
White



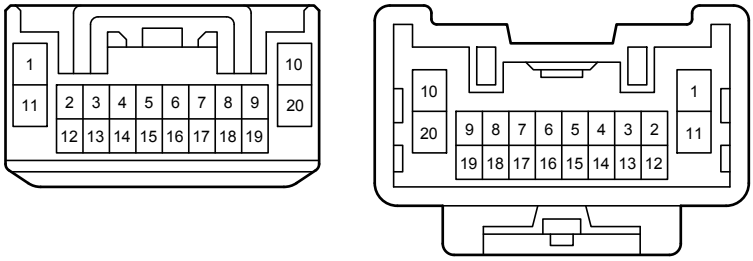
FE1
White



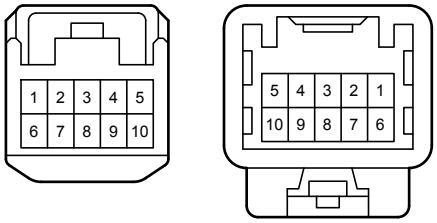
FE3
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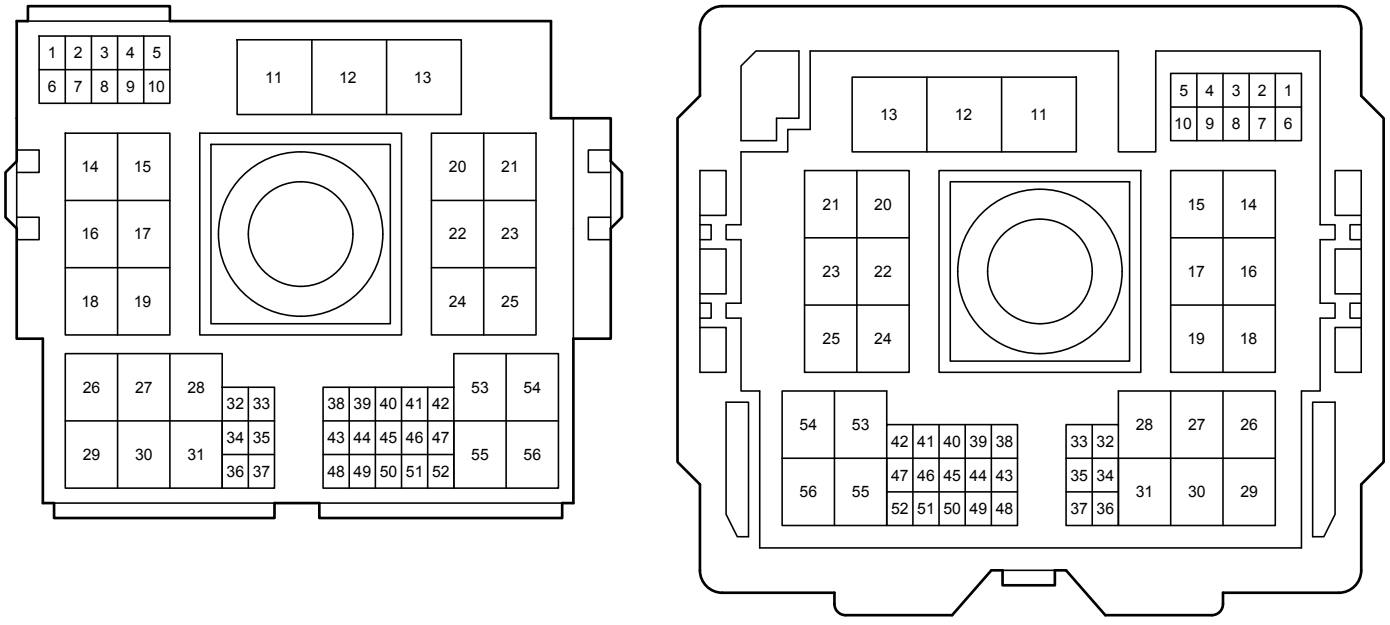
FE4
White



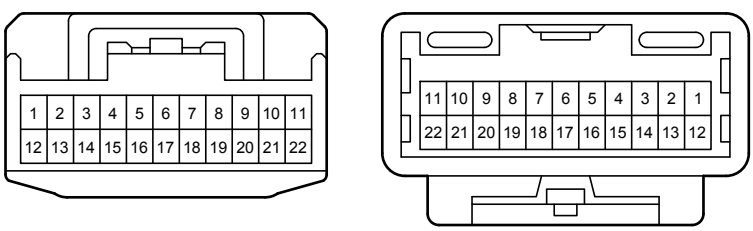
FE6
White

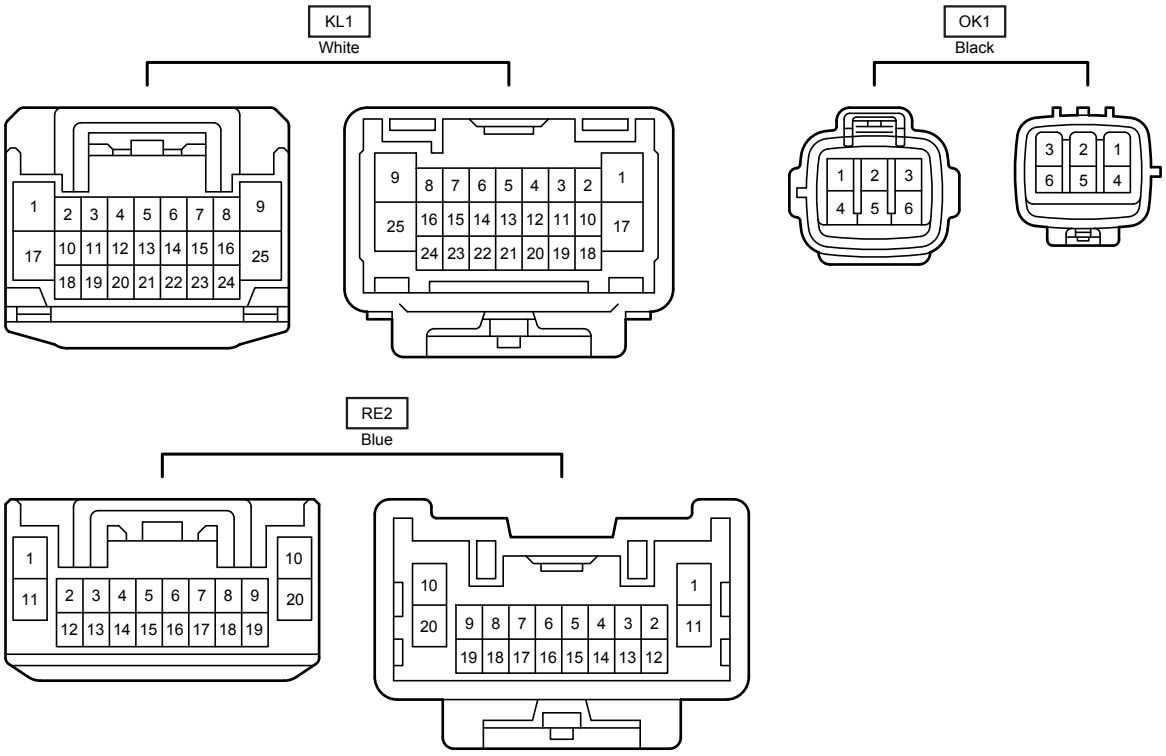


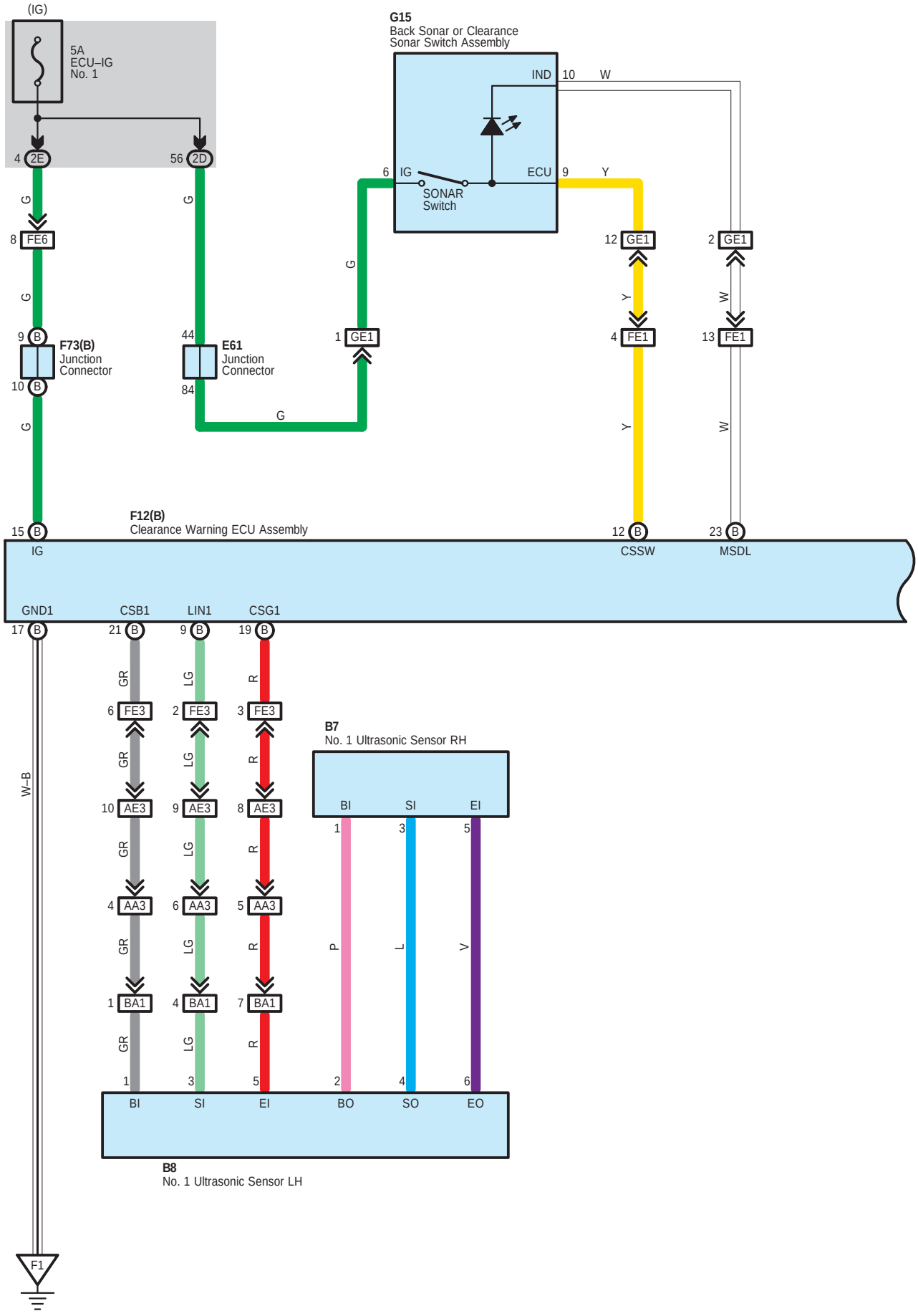
FL1
White
Blue

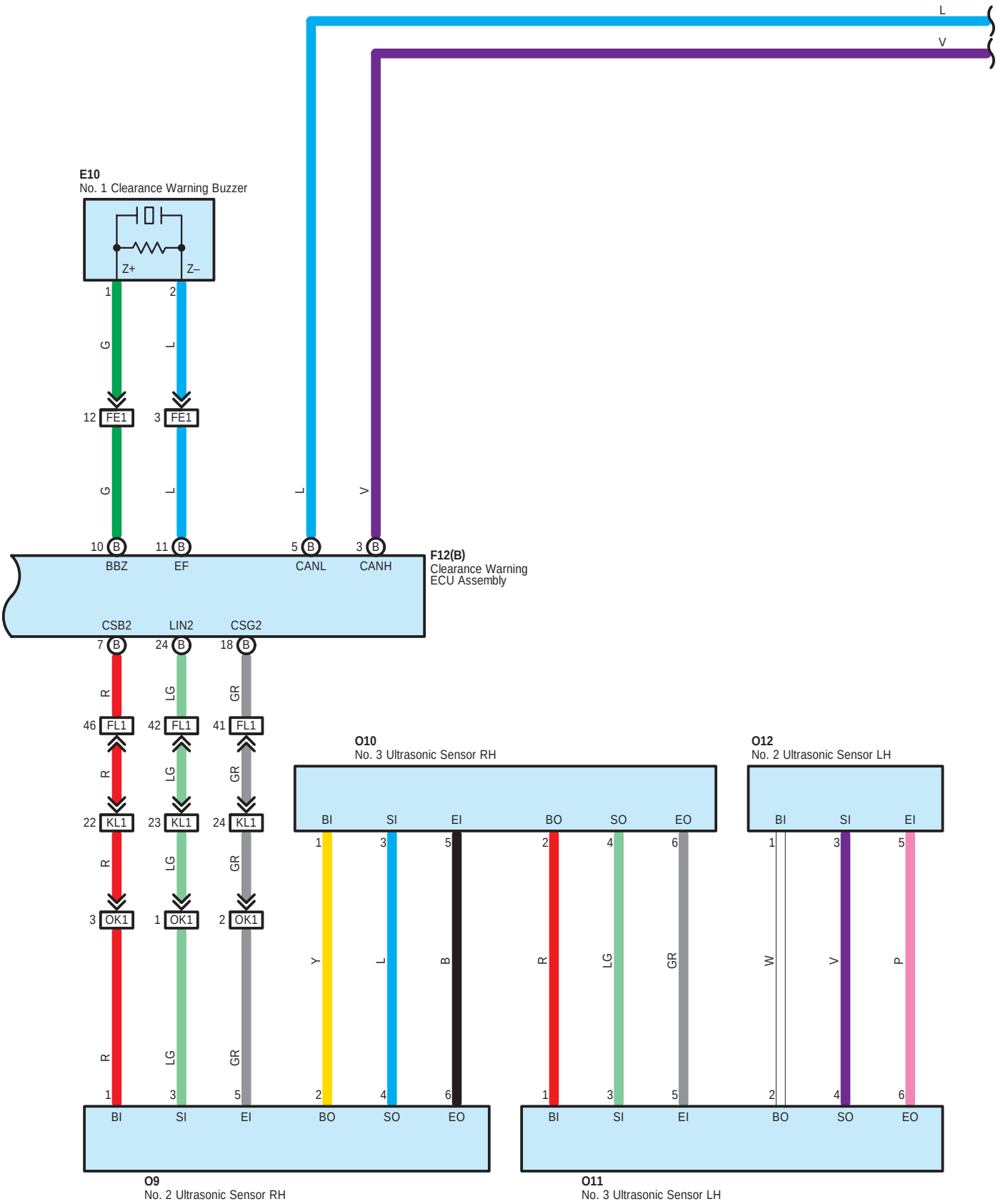


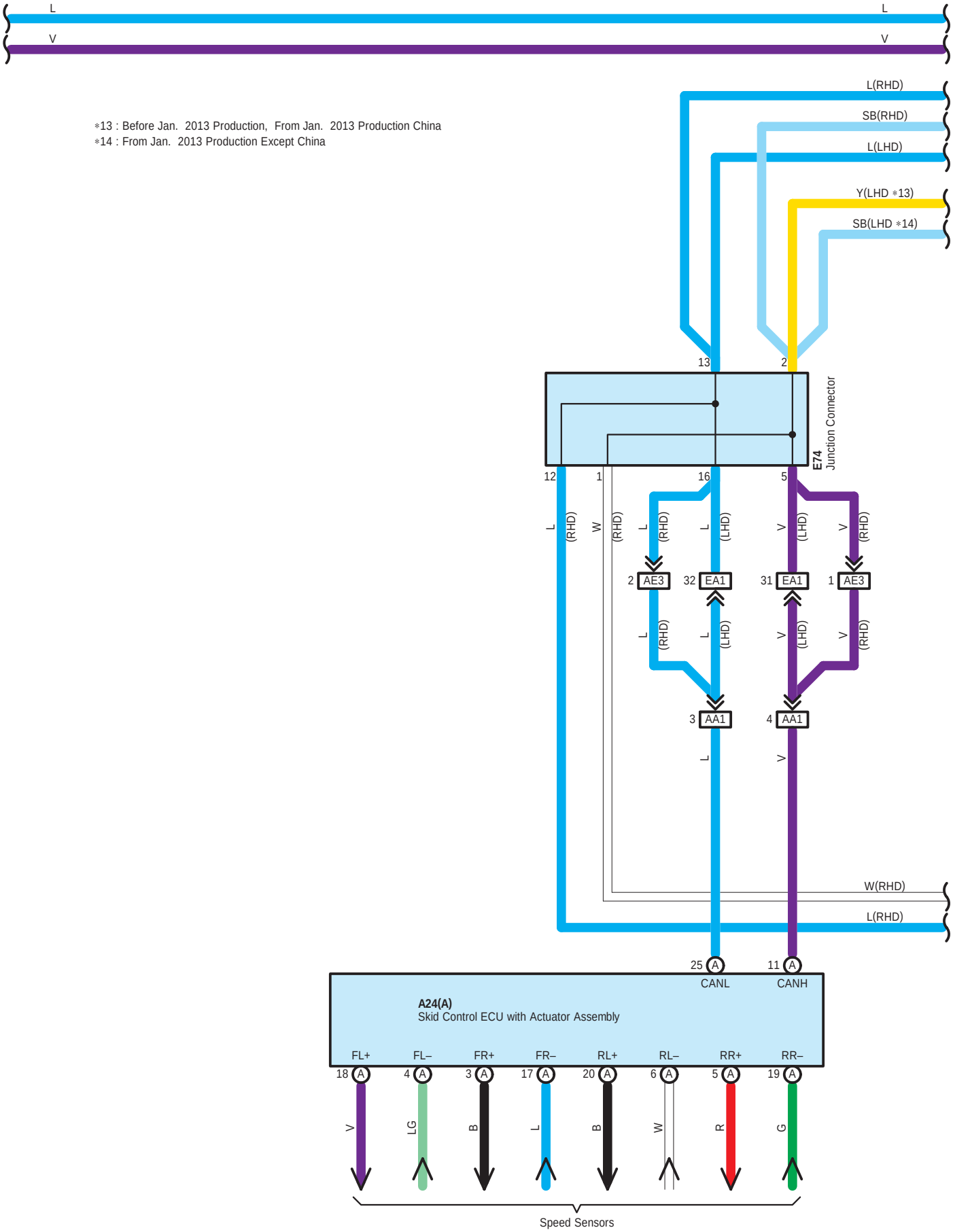
GE1
White

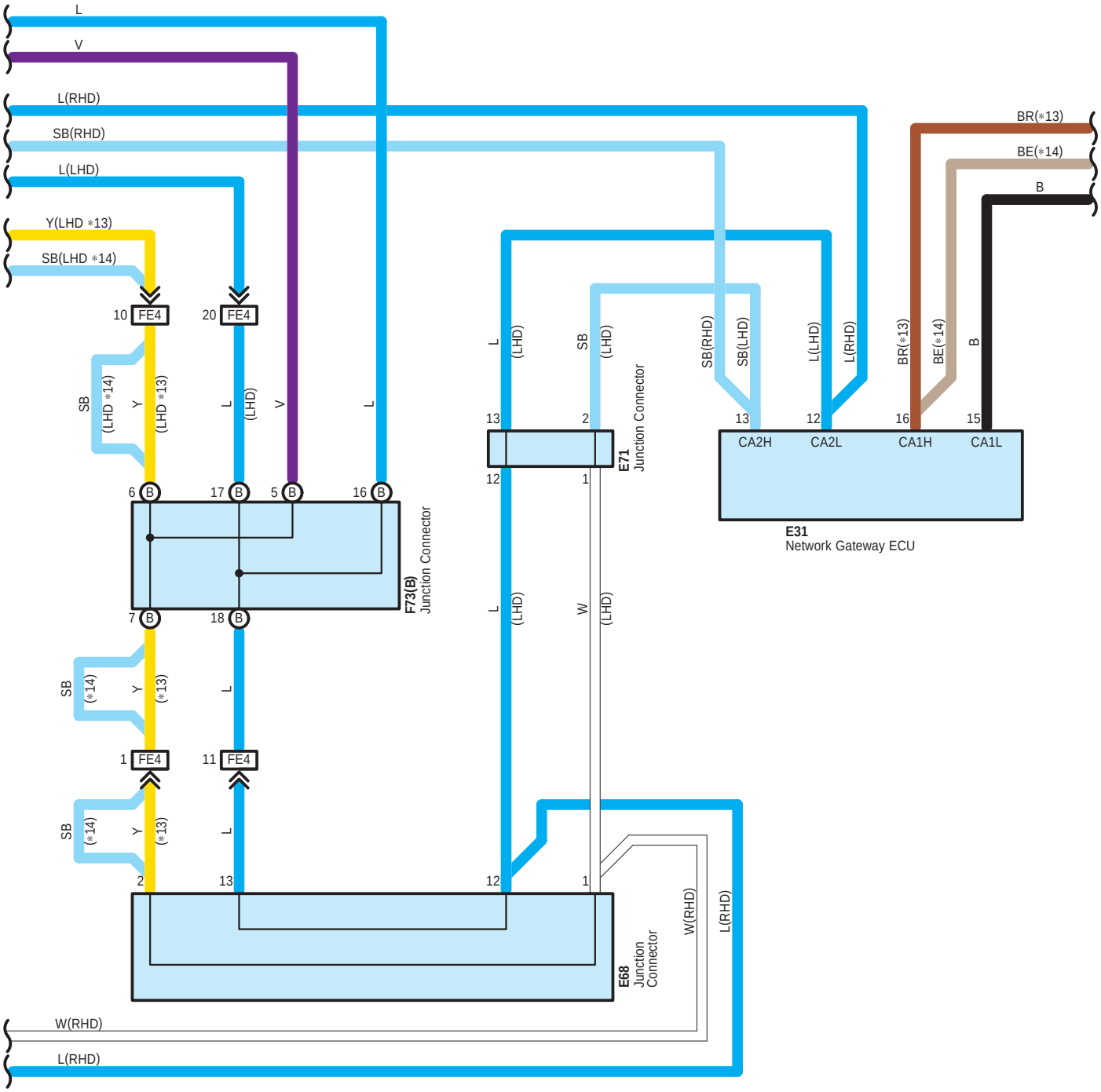


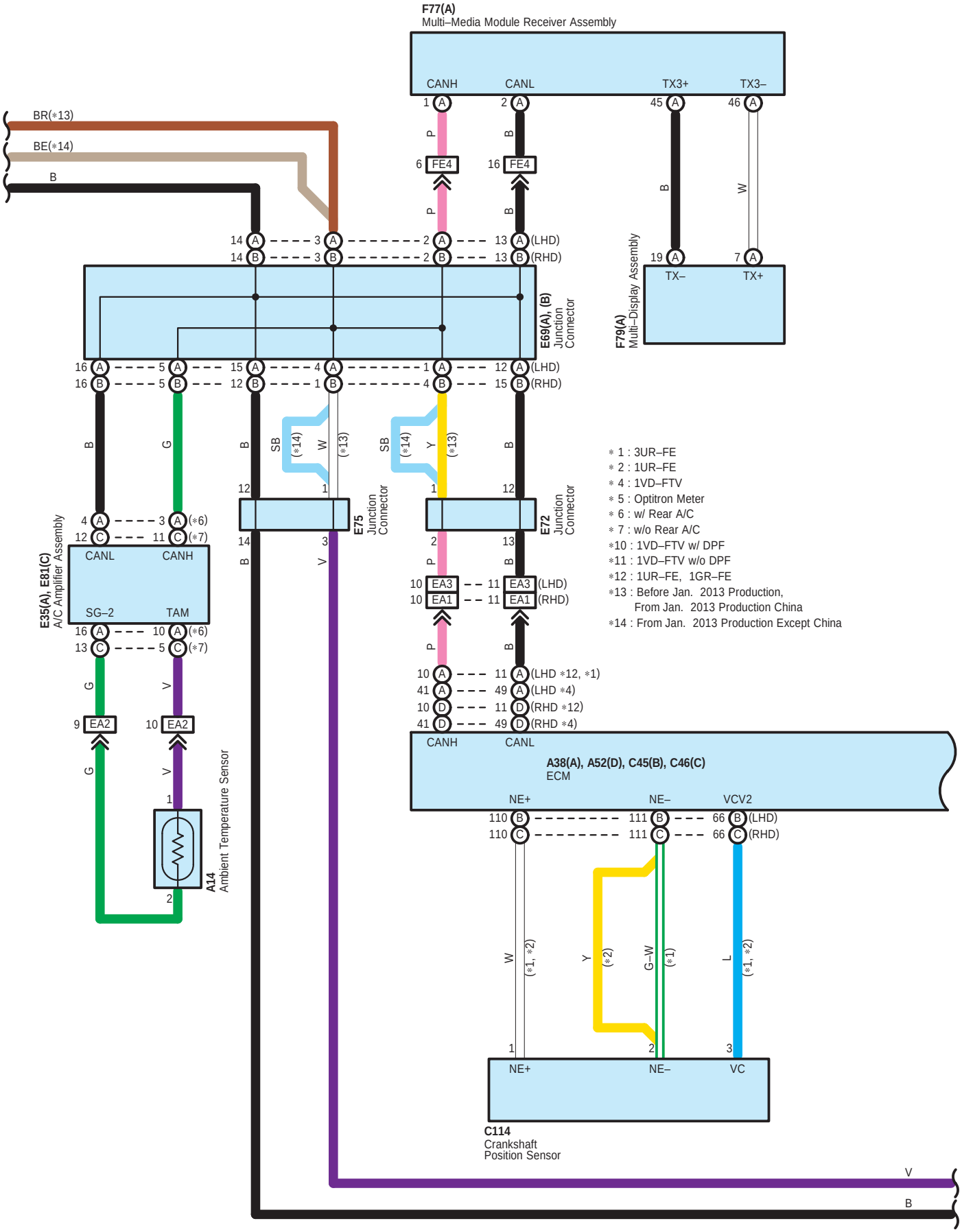

KL1
White
1 2 3 4 5 6 7 8 9
17 10 11 12 13 14 15 16 25
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18
OK1
Black
1 2 3
4 5 6
3 2 1
6 5 4
RE2
Blue
1 10
11 2 3 4 5 6 7 8 9 20
12 13 14 15 16 17 18 19
10 1
20 9 8 7 6 5 4 3 2 11
19 18 17 16 15 14 13 12

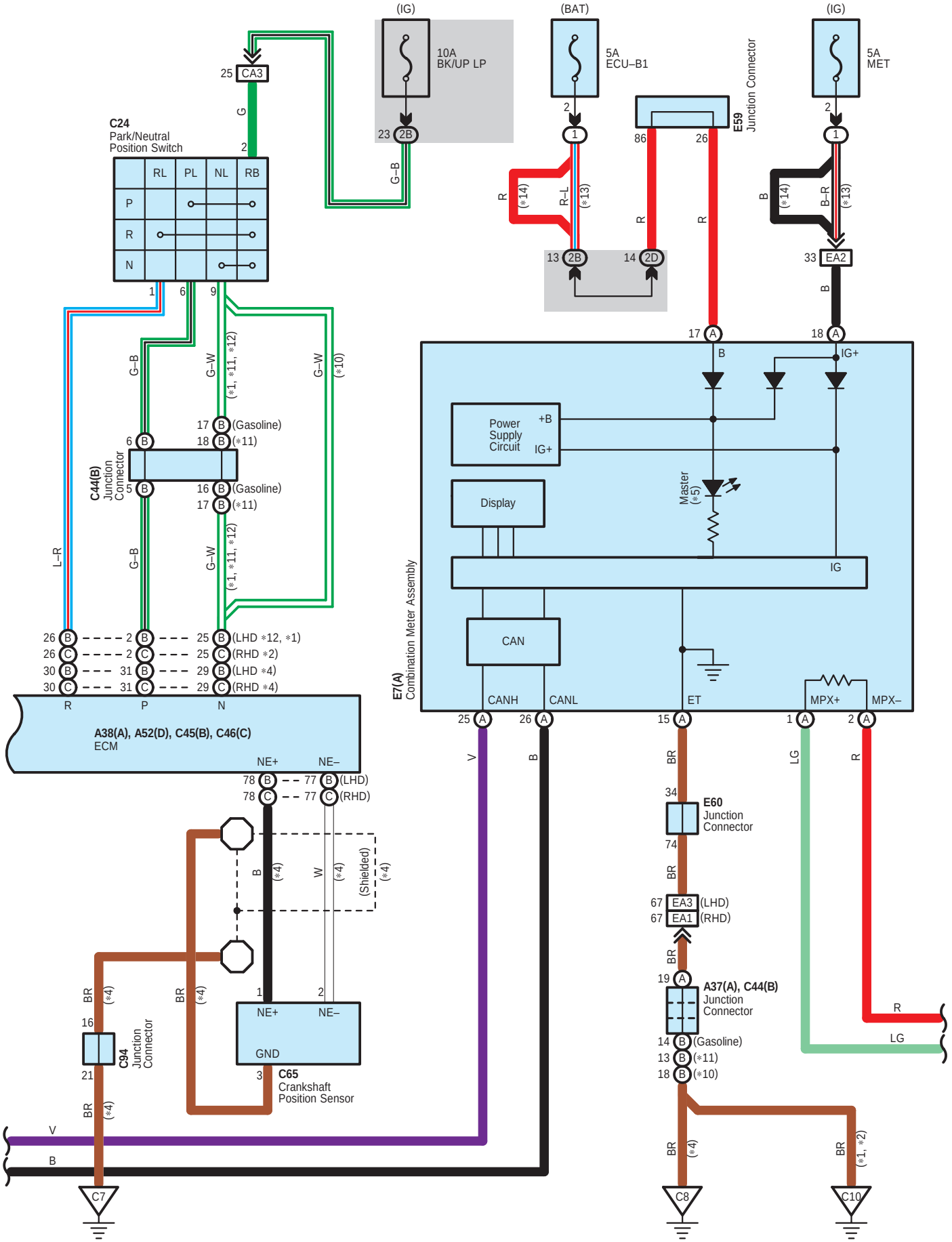

(IG)
5A
ECU–IG
No. 1
4 2E
56 2D
G15
Back Sonar or Clearance
Sonar Switch Assembly
IND 10 W
6 IG
ECU 9 Y
SONAR
Switch
8 FE6
12 GE1
2 GE1
9 B
F73(B)
Junction
Connector
10 B
44
E61
Junction
Connector
84
1 GE1
4 FE1
13 FE1
F12(B)
Clearance Warning ECU Assembly
15 B
IG
12 B
CSSW
23 B
MSDL
GND1
CSB1
LIN1
CSG1
17 B
21 B
9 B
19 B
6 FE3
2 FE3
3 FE3
10 AE3
9 AE3
8 AE3
4 AA3
6 AA3
5 AA3
1 BA1
4 BA1
7 BA1
B7
No. 1 Ultrasonic Sensor RH
BI
SI
EI
BO
SO
EO
B8
No. 1 Ultrasonic Sensor LH
W–B
F1


L
V
E10
No. 1 Clearance Warning Buzzer
Z+
Z–
1
2
G
L
12 FE1
3 FE1
G
L
L
V
10 B
11 B
5 B
3 B
BBZ
EF
CANL
CANH
F12(B)
Clearance Warning
ECU Assembly
CSB2
LIN2
CSG2
7 B
24 B
18 B
R
LG
GR
46 FL1
42 FL1
41 FL1
R
LG
GR
22 KL1
23 KL1
24 KL1
R
LG
GR
3 OK1
1 OK1
2 OK1
R
LG
GR
1
3
5
BI
SI
EI
BO
SO
EO
O10
No. 3 Ultrasonic Sensor RH
BI
SI
EI
BO
SO
EO
1
3
5
2
4
6
Y
L
B
R
LG
GR
1
3
5
2
4
6
O12
No. 2 Ultrasonic Sensor LH
BI
SI
EI
1
3
5
W
V
P
2
4
6
BO
SO
EO
O9
No. 2 Ultrasonic Sensor RH
O11
No. 3 Ultrasonic Sensor LH

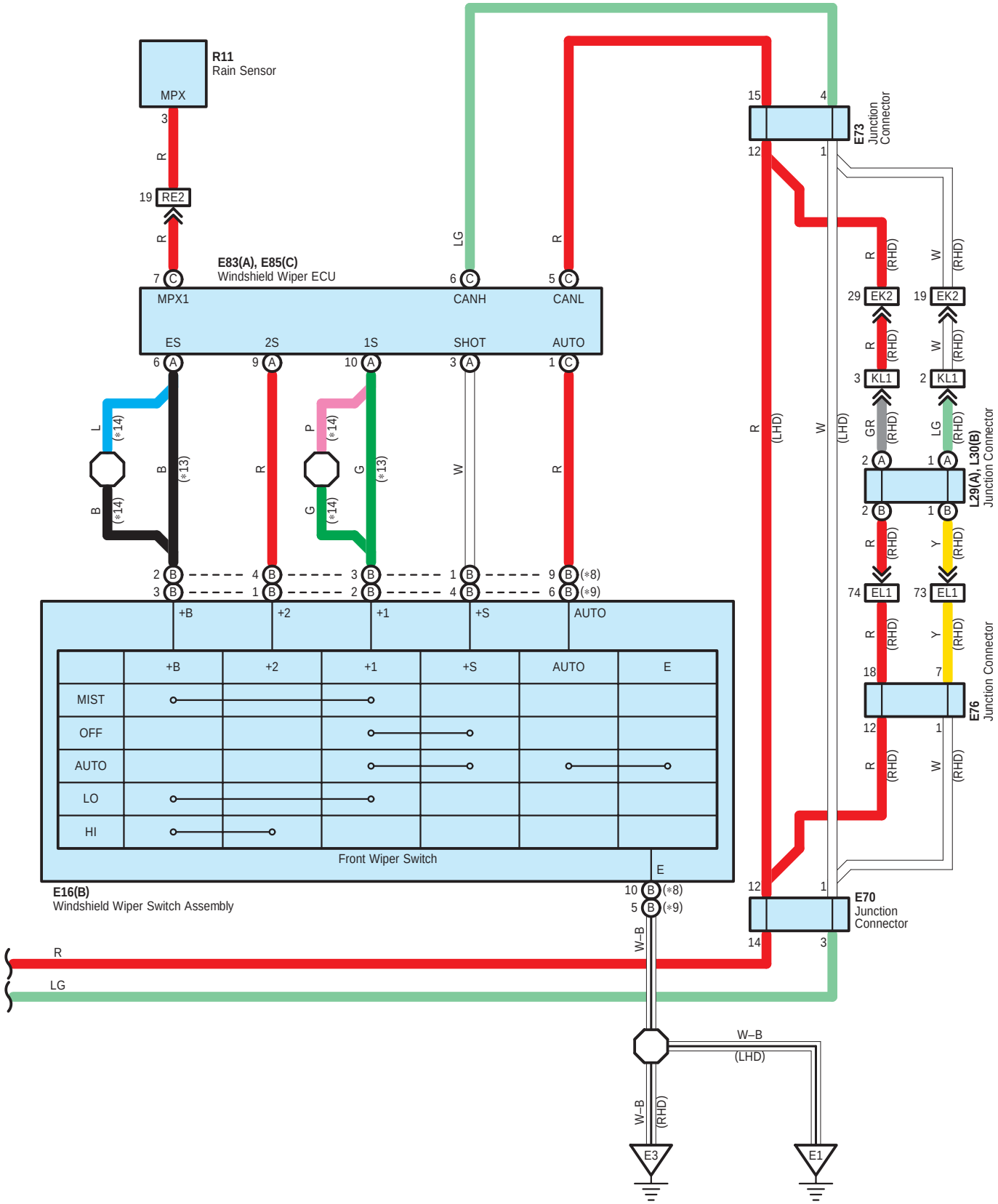

L
V
L
V
∗13 : Before Jan. 2013 Production, From Jan. 2013 Production China
∗14 : From Jan. 2013 Production Except China
L(RHD)
SB(RHD)
L(LHD)
Y(LHD ∗13)
SB(LHD ∗14)
13
2
E74
Junction Connector
12
1
16
5
L (RHD)
W (RHD)
L (RHD)
L (LHD)
V (LHD)
V (RHD)
2 AE3
32 EA1
31 EA1
1 AE3
L (RHD)
L (LHD)
V (LHD)
V (RHD)
3 AA1
4 AA1
L
V
W(RHD)
L(RHD)
25 A
11 A
CANL
CANH
A24(A)
Skid Control ECU with Actuator Assembly
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
V
LG
B
L
B
W
R
G
Speed Sensors


L
V
L(RHD)
SB(RHD)
L(LHD)
Y(LHD ∗13)
SB(LHD ∗14)
BR(∗13)
BE(∗14)
B
10 FE4
20 FE4
SB (LHD ∗14)
Y (LHD ∗13)
L (LHD)
V
L
6 B
17 B
5 B
16 B
F73(B)
Junction Connector
7 B
18 B
SB (∗14)
Y (∗13)
L
1 FE4
11 FE4
SB (∗14)
Y (∗13)
L
2
13
12
1
E68
Junction Connector
W(RHD)
L(RHD)
L (LHD)
SB (LHD)
SB(RHD)
SB(LHD)
L(LHD)
L(RHD)
13
2
12
1
E71
Junction Connector
L (LHD)
W
(LHD)
BR(∗13)
BE(∗14)
B
13
12
16
15
CA2H
CA2L
CA1H
CA1L
E31
Network Gateway ECU


F77(A)
Multi–Media Module Receiver Assembly
CANH
CANL
TX3+
TX3–
BR(∗13)
BE(∗14)
B
E69(A), (B)
Junction Connector
F79(A)
Multi–Display Assembly
TX–
TX+
E75
Junction Connector
E72
Junction Connector
E35(A), E81(C)
A/C Amplifier Assembly
SG–2
TAM
A14
Ambient Temperature Sensor
∗ 1 : 3UR–FE
∗ 2 : 1UR–FE
∗ 4 : 1VD–FTV
∗ 5 : Optitron Meter
∗ 6 : w/ Rear A/C
∗ 7 : w/o Rear A/C
∗10 : 1VD–FTV w/ DPF
∗11 : 1VD–FTV w/o DPF
∗12 : 1UR–FE, 1GR–FE
∗13 : Before Jan. 2013 Production, From Jan. 2013 Production China
∗14 : From Jan. 2013 Production Except China
A38(A), A52(D), C45(B), C46(C)
ECM
NE+
NE–
VCV2
C114
Crankshaft Position Sensor
VC


(IG)
10A
BK/UP LP
23 2B
G–B
(BAT)
5A
ECU–B1
2
1
R
(*14)
R–L
(*13)
13 2B
14 2D
E59
Junction Connector
86
26
R
R
(IG)
5A
MET
2
1
B
(*14)
B–R
(*13)
33 EA2
B
25 CA3
G
C24
Park/Neutral
Position Switch
2
RL PL NL RB
P
R
N
1 6 9
G–B
G–W
(*1, *11, *12)
G–W
(*10)
17 B (Gasoline)
18 B (*11)
6 B
C44(B)
Junction
Connector
5 B
16 B (Gasoline)
17 B (*11)
L–R
G–B
G–W
(*1, *11, *12)
26 B 2 B 25 B (LHD *12, *1)
26 C 2 C 25 C (RHD *2)
30 B 31 B 29 B (LHD *4)
30 C 31 C 29 C (RHD *4)
R P N
A38(A), A52(D), C45(B), C46(C)
ECM
17 A
18 A
B
IG+
Power
Supply
Circuit
+B
IG+
Display
Master
(*5)
IG
CAN
E7(A)
Combination Meter Assembly
CANH
CANL
ET
MPX+
MPX–
25 A
26 A
15 A
1 A
2 A
V
B
BR
LG
R
NE+
NE–
78 B 77 B (LHD)
78 C 77 C (RHD)
B (*4)
W (*4)
(Shielded) (*4)
34
E60
Junction
Connector
74
BR
67 EA3 (LHD)
67 EA1 (RHD)
BR
19 A
A37(A), C44(B)
Junction
Connector
14 B (Gasoline)
13 B (*11)
18 B (*10)
R
LG
BR (*4)
BR (*4)
16
C94
Junction
Connector
21
BR (*4)
1
2
NE+
NE–
GND
3
C65
Crankshaft
Position Sensor
V
B
BR (*4)
BR (*1, *2)
C7
C8
C10

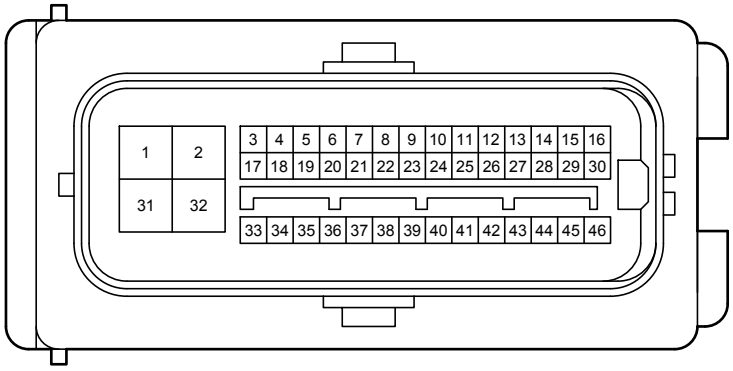
∗ 8 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
∗ 9 : RHD Headlight Dimmer Switch Assembly RH Side Type
∗13 : Before Jan. 2013 Production, From Jan. 2013 Production China
∗14 : From Jan. 2013 Production Except China



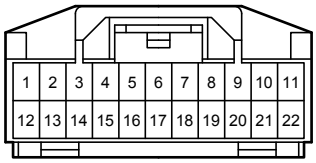
A 14
Black



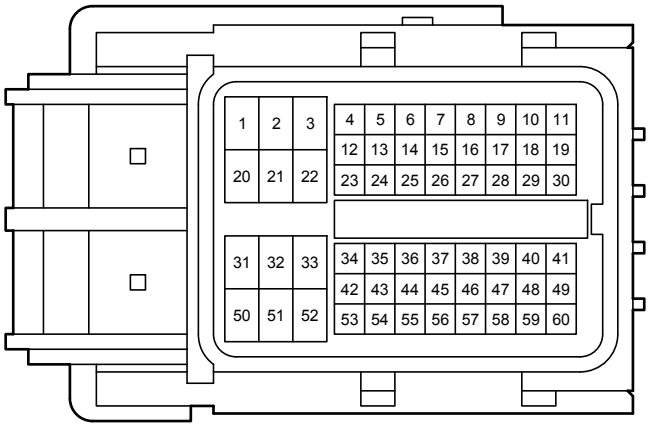
A 24
Black



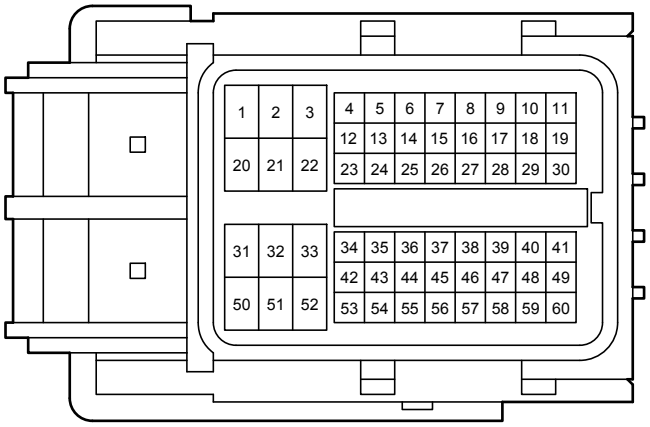
A 37
Blue



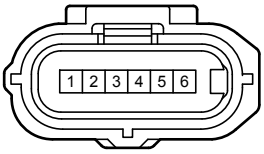
A 38
Black



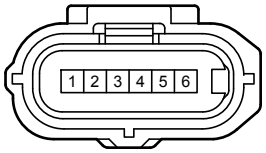
A 52
Black



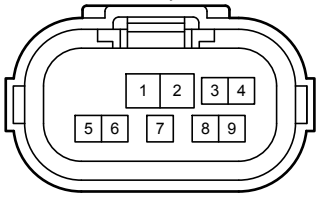
B 7
Black



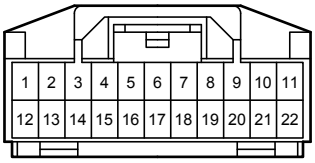
B 8
Black



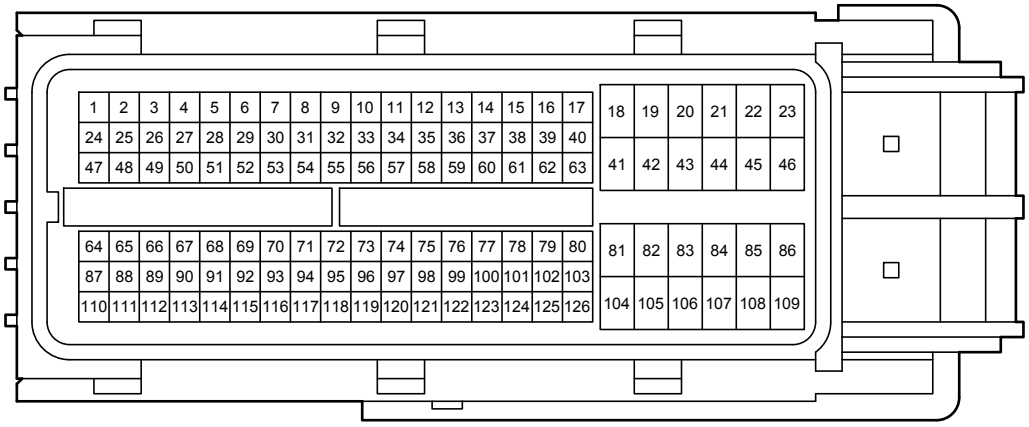
C 24
Gray



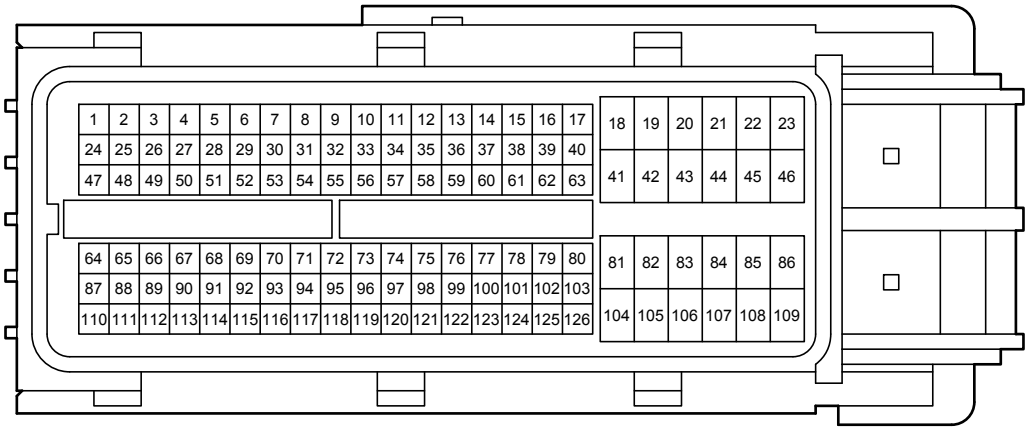
C 44
Blue



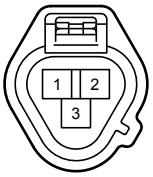
C 45
Black



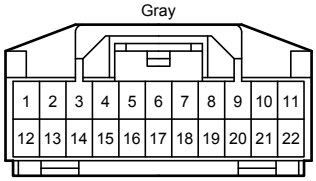
C 46
Black



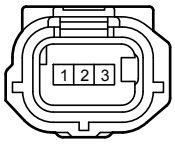
C 65
Black



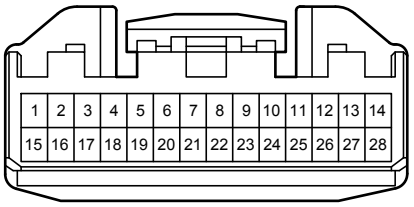
C 94
Gray



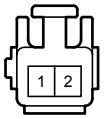
C114
Black



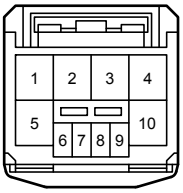
E 7
White



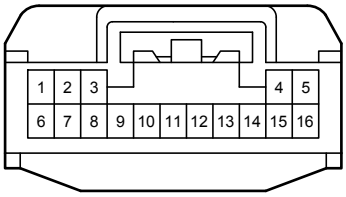
E 10
Black



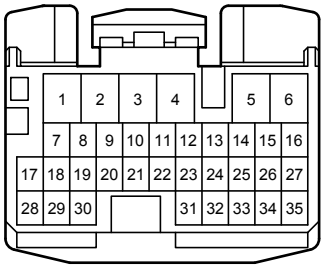
E 16
White



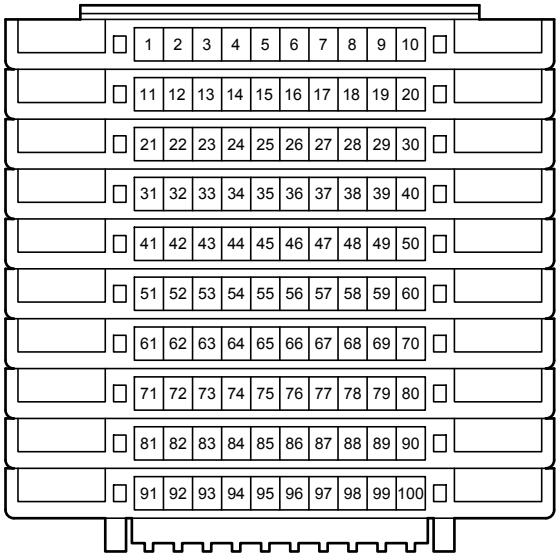
E 31
White



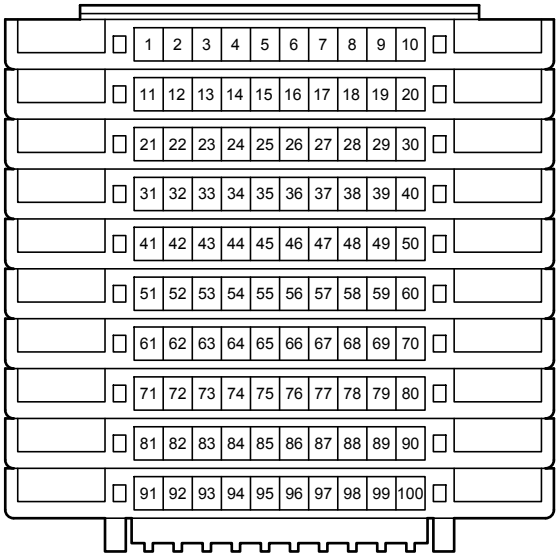
E 35
White



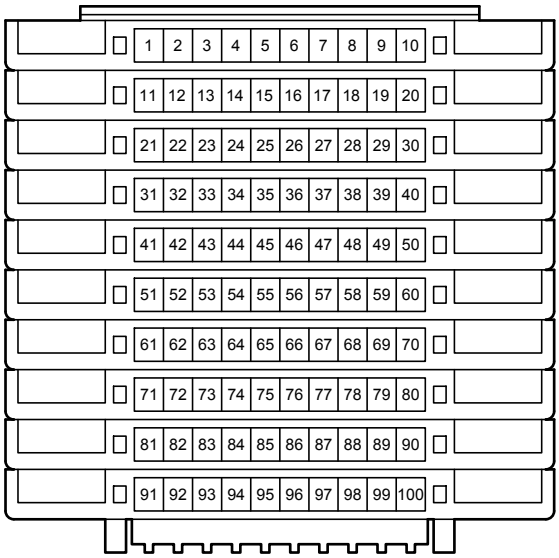
E 59



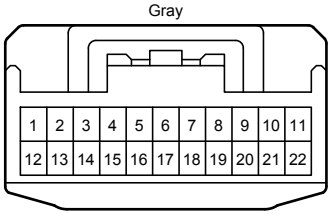
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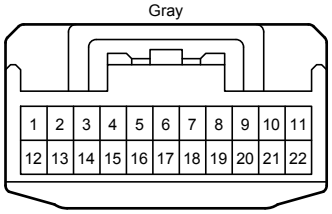
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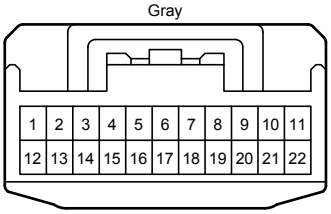
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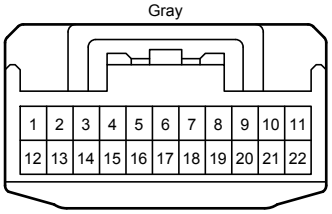
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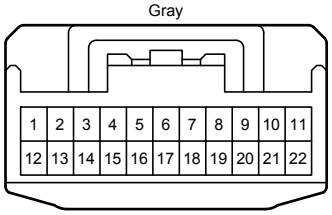
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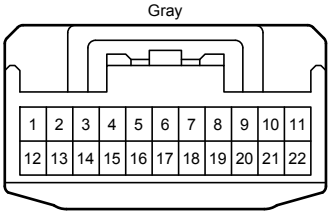
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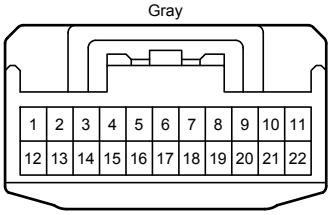
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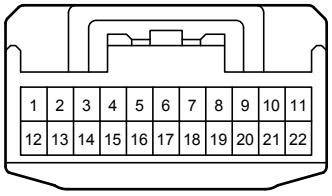
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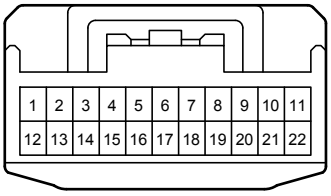
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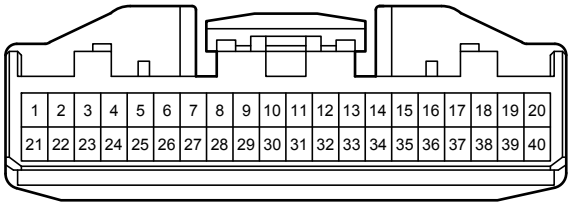
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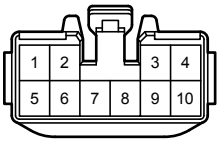
E 76
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E 81
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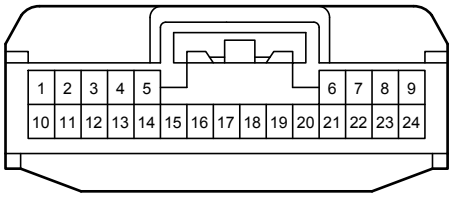
E 83
Blue



E 85
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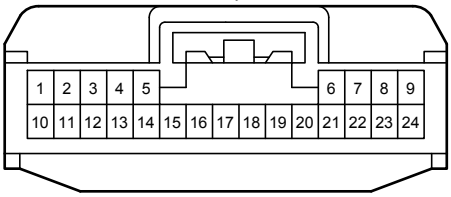


F 12
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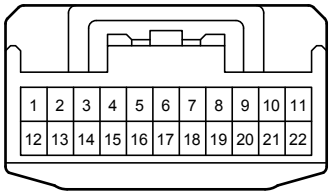
(Before Aug. 2007 Production)

F 12
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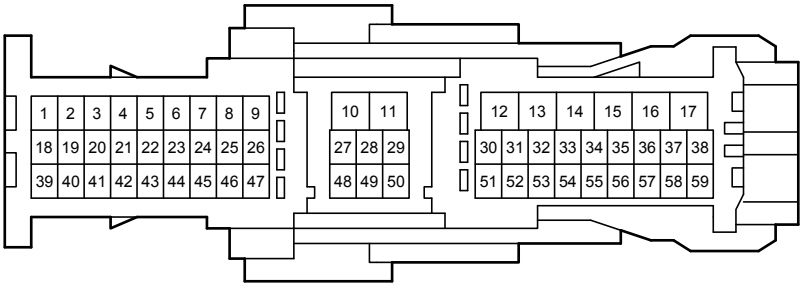


(From Aug. 2007 Production)

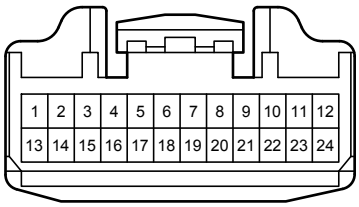
F 73
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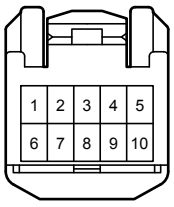
F 77
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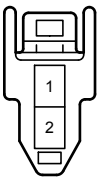
F 79
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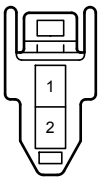
G 15
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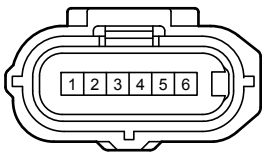
L 29
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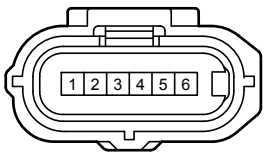
L 30
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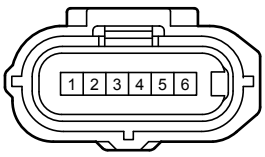
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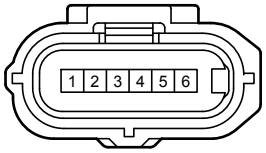
O 10
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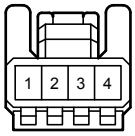
O 11
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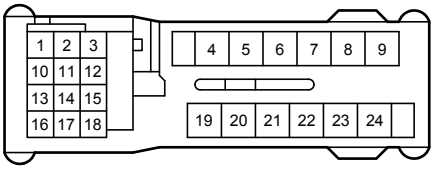
O 12
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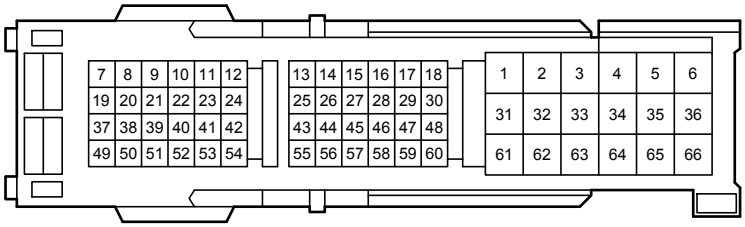
R 11
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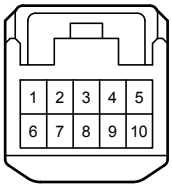
2B
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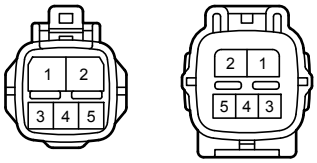
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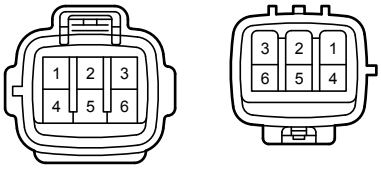
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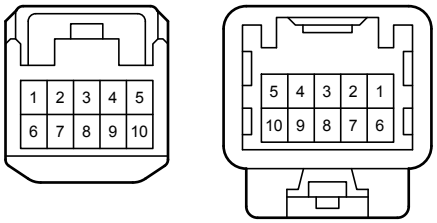
AA1
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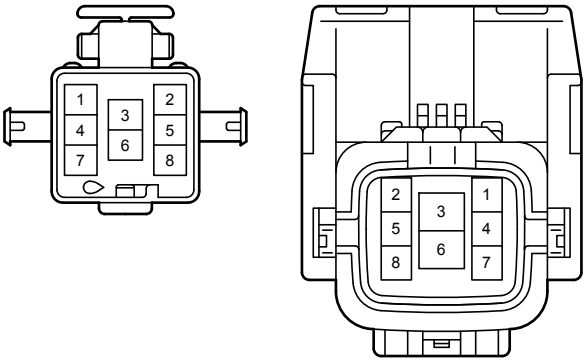
AA3
Gray



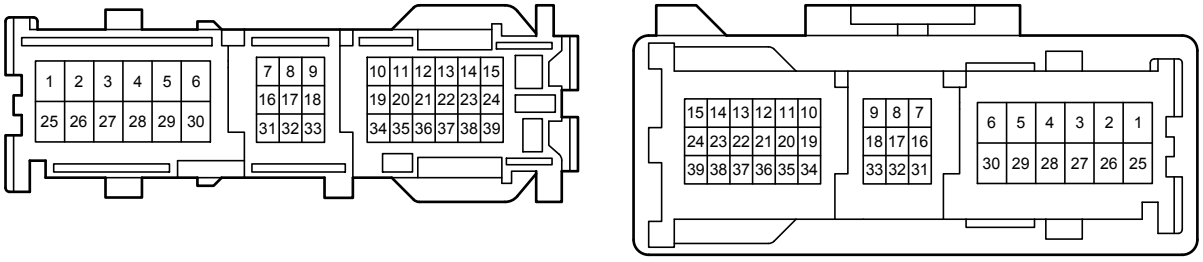
AE3
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BA1
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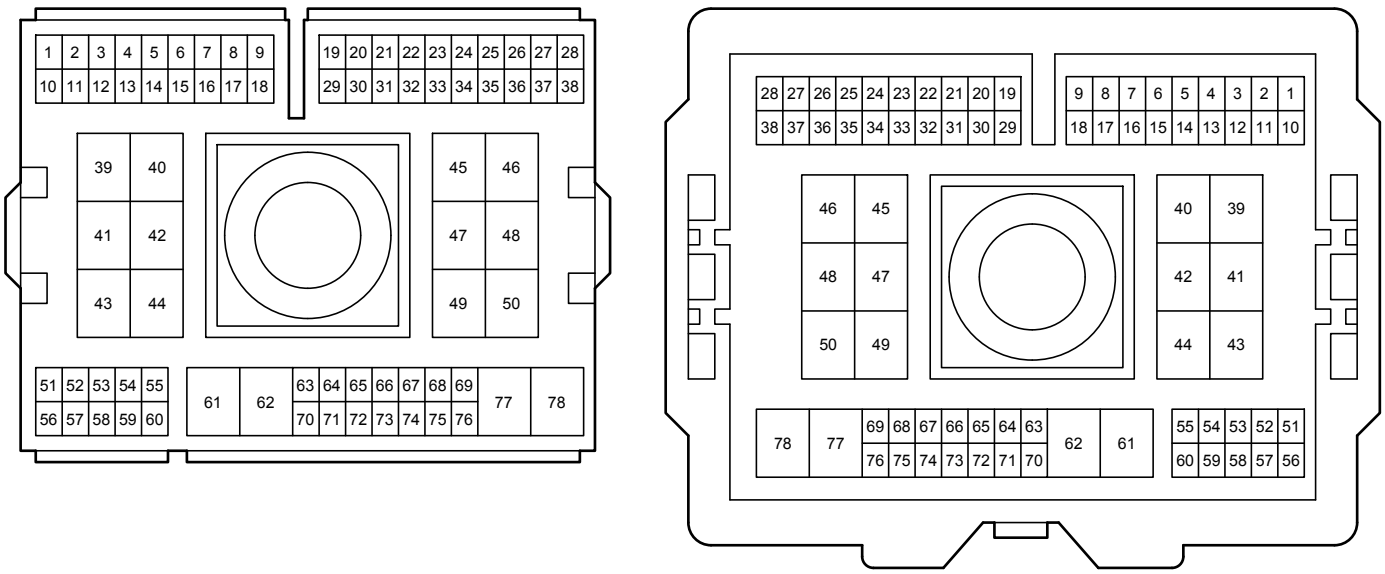


CA3
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EA1

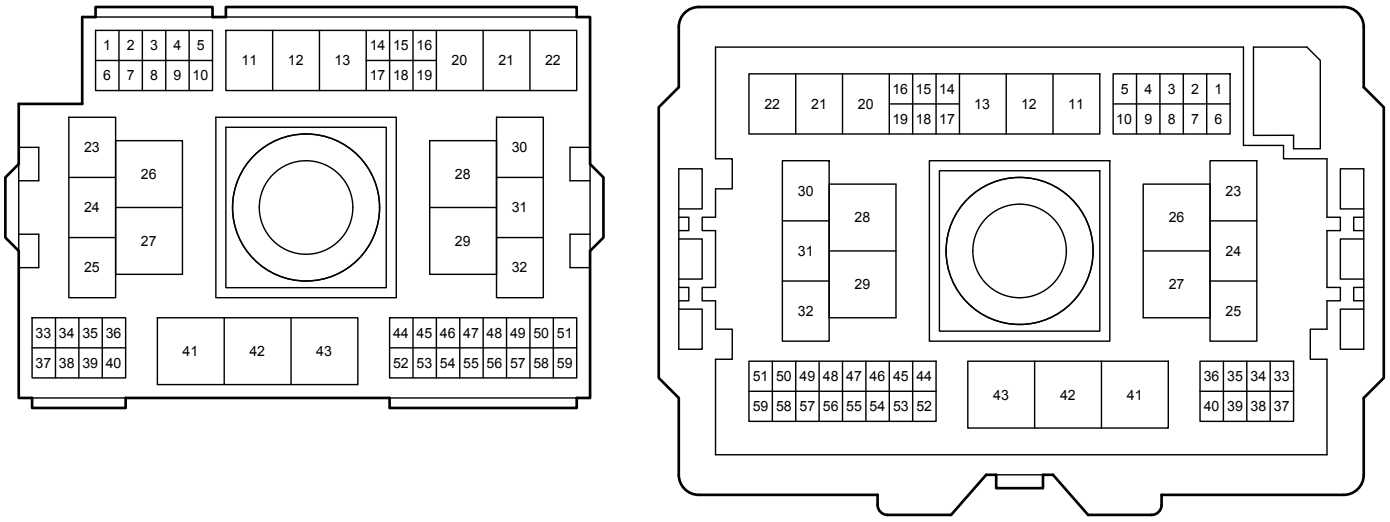
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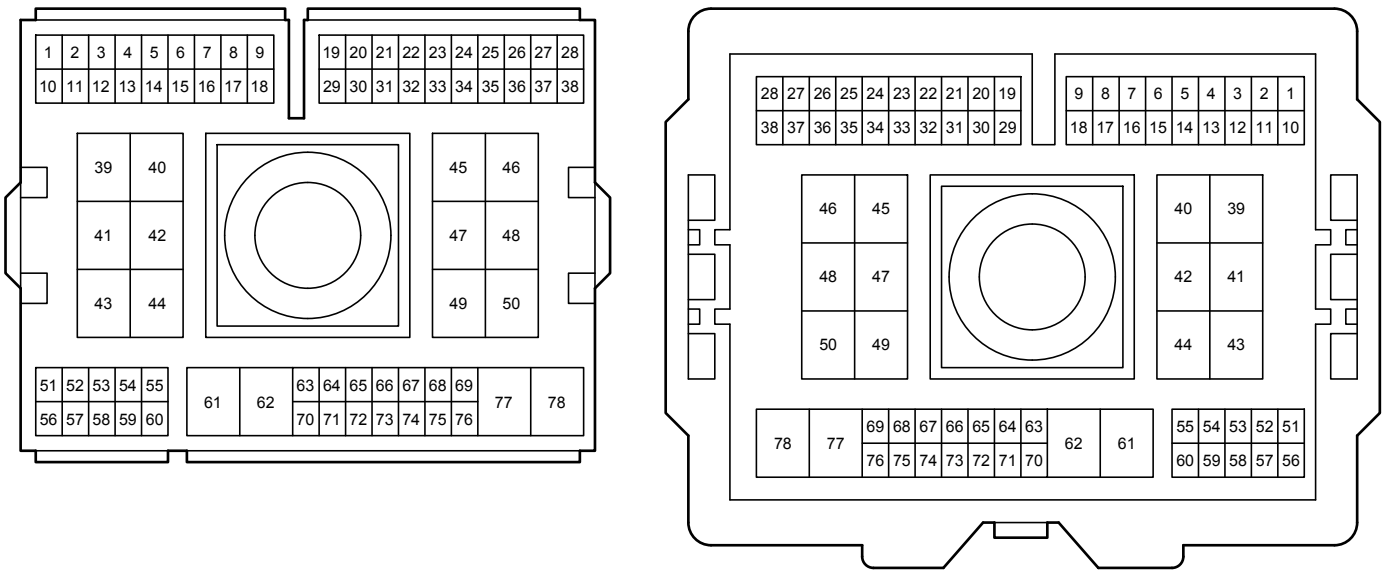
EA2

White

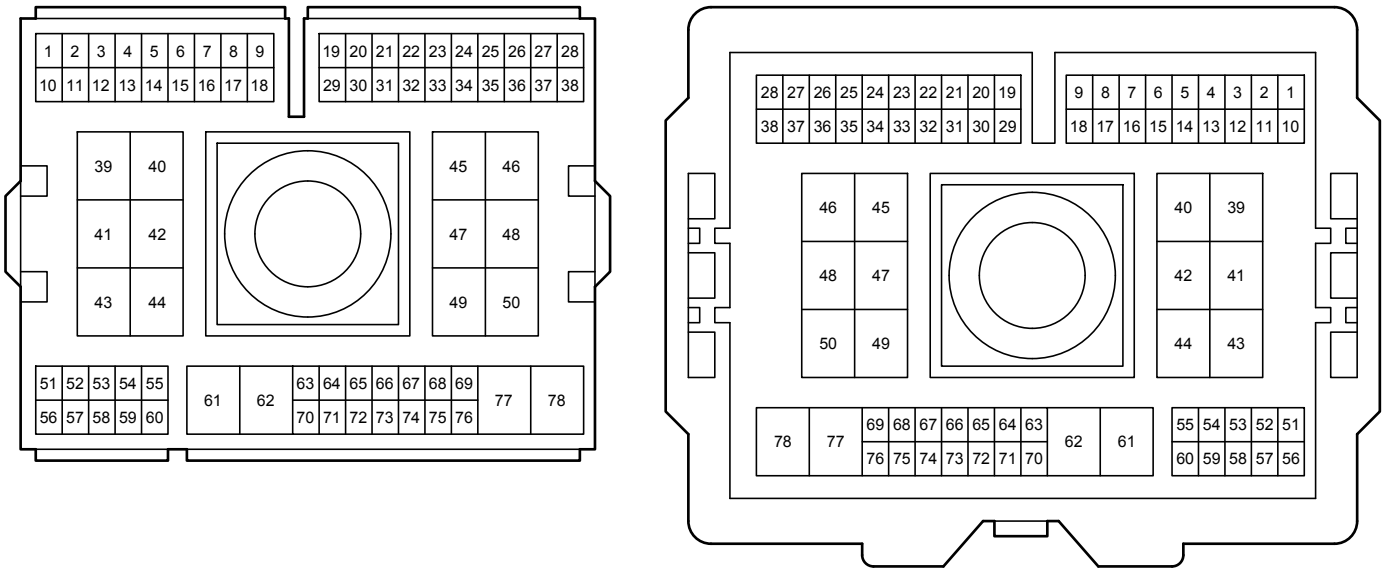
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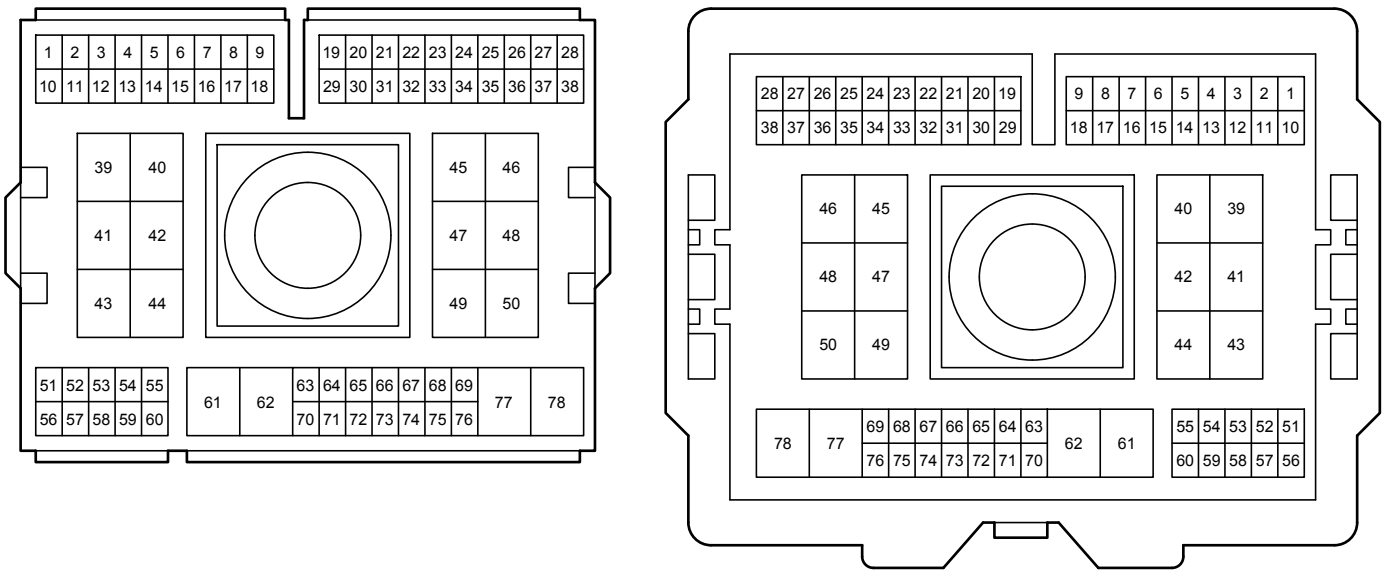
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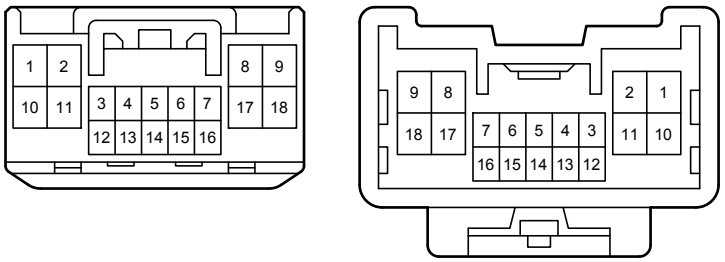
EK2
White



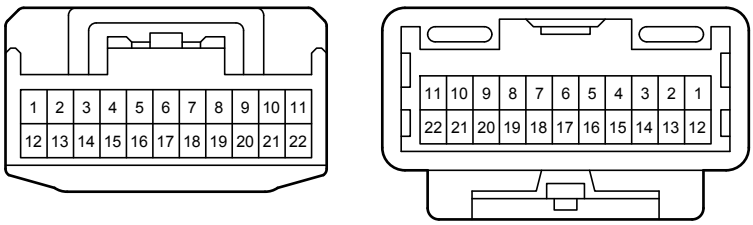
EL1
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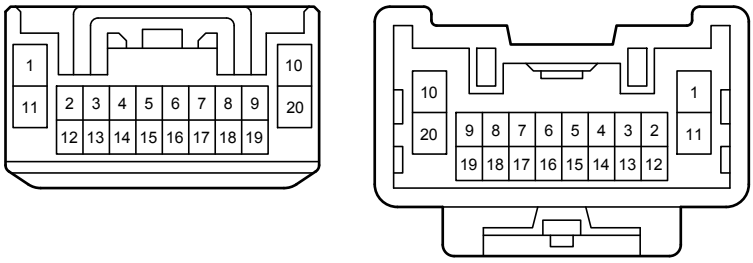
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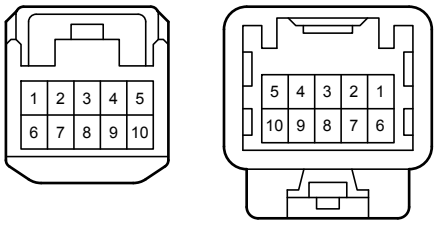
FE3
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FE4
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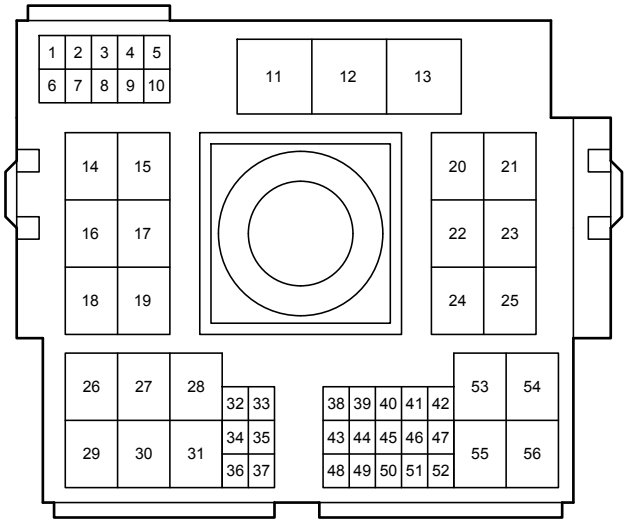


FE6
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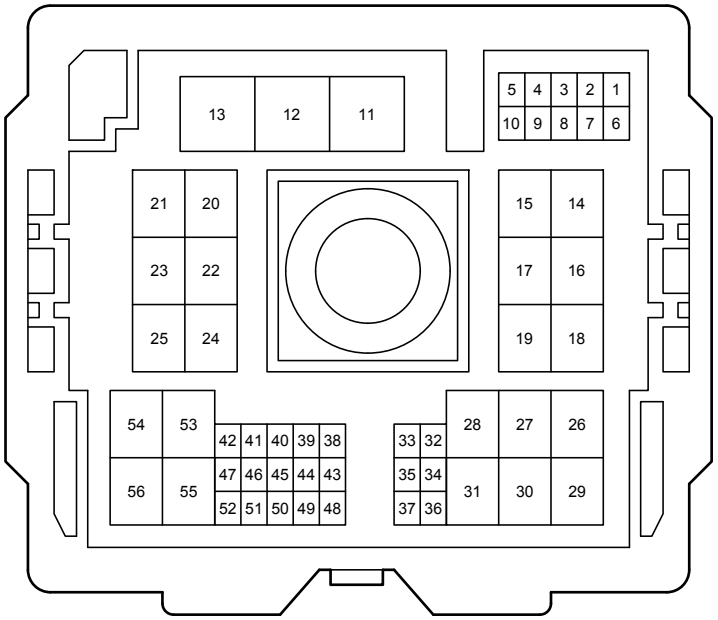


FL1

White

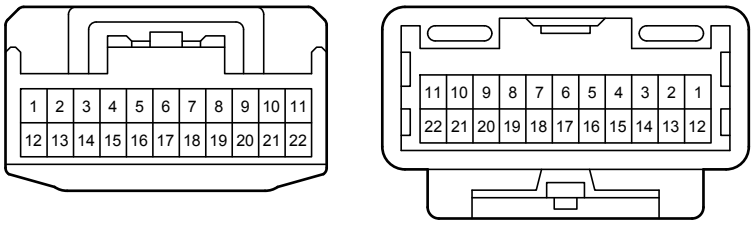


Blue



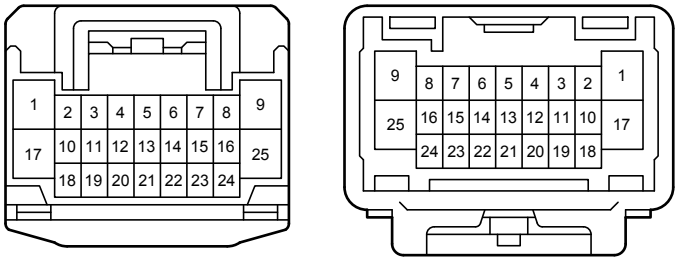
GE1

White



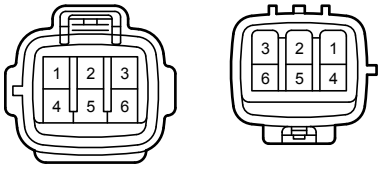
KL1

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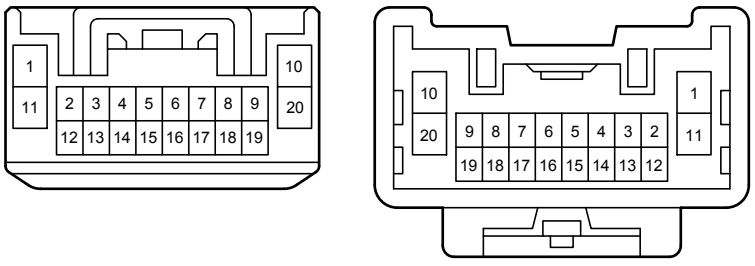
OK1

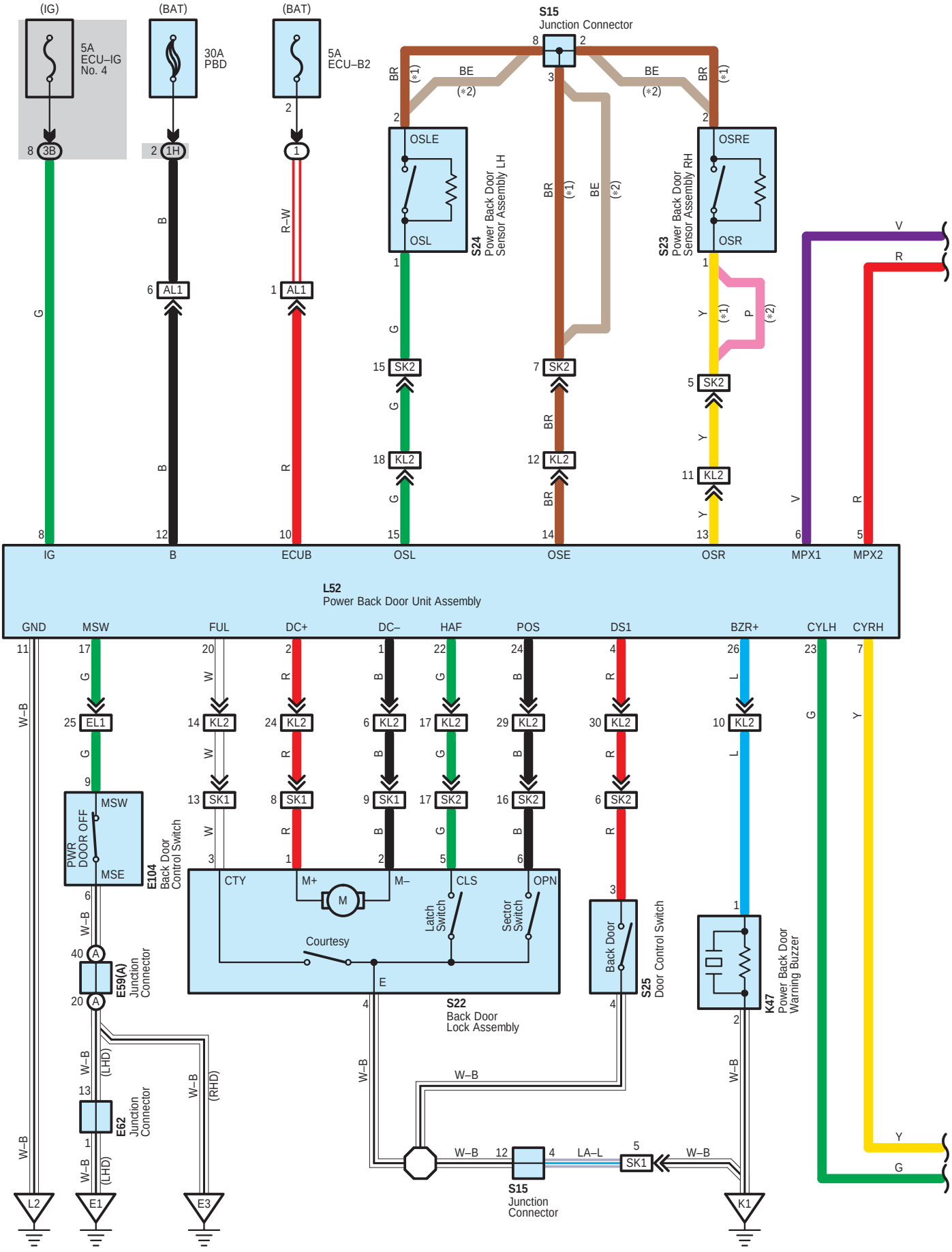
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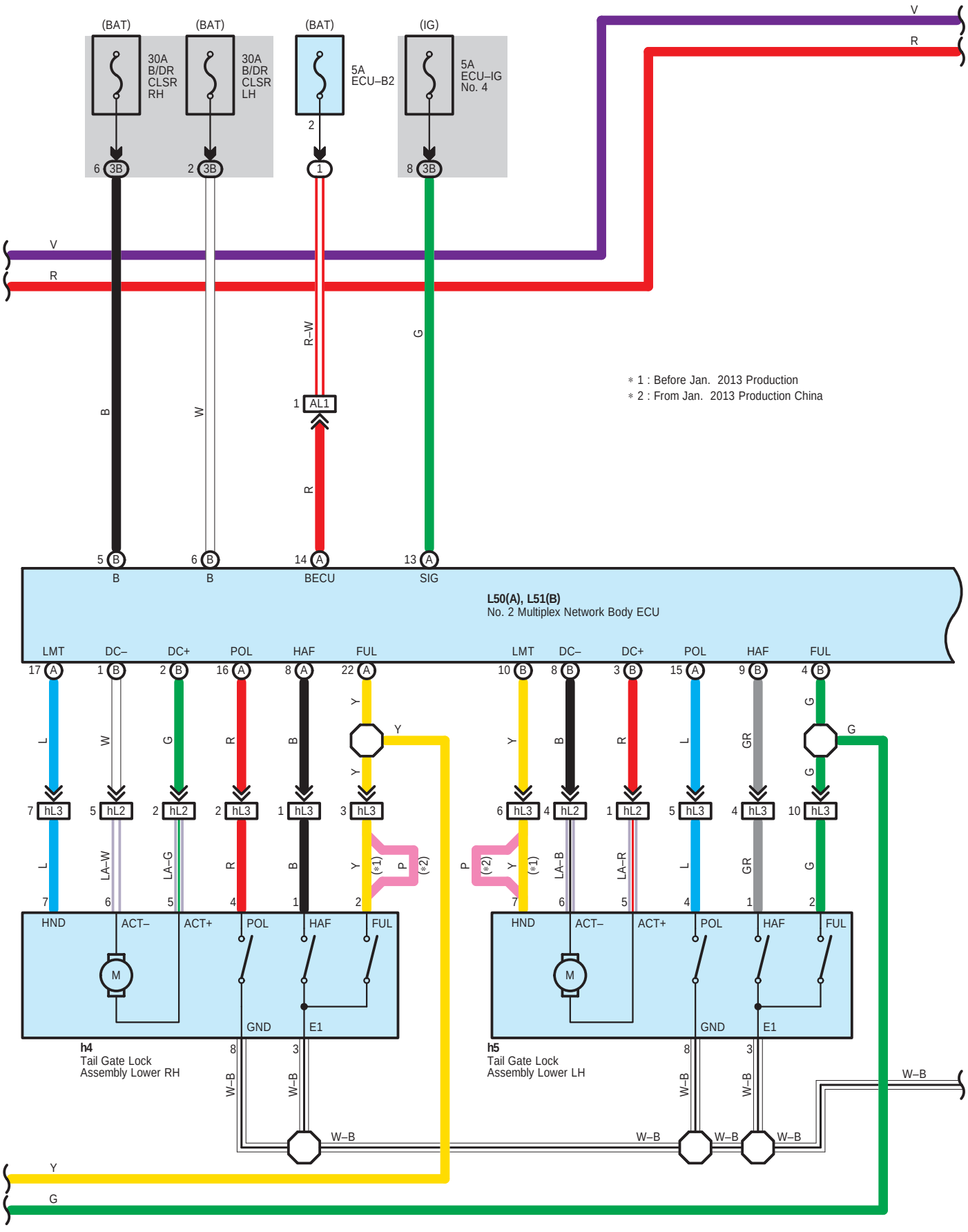


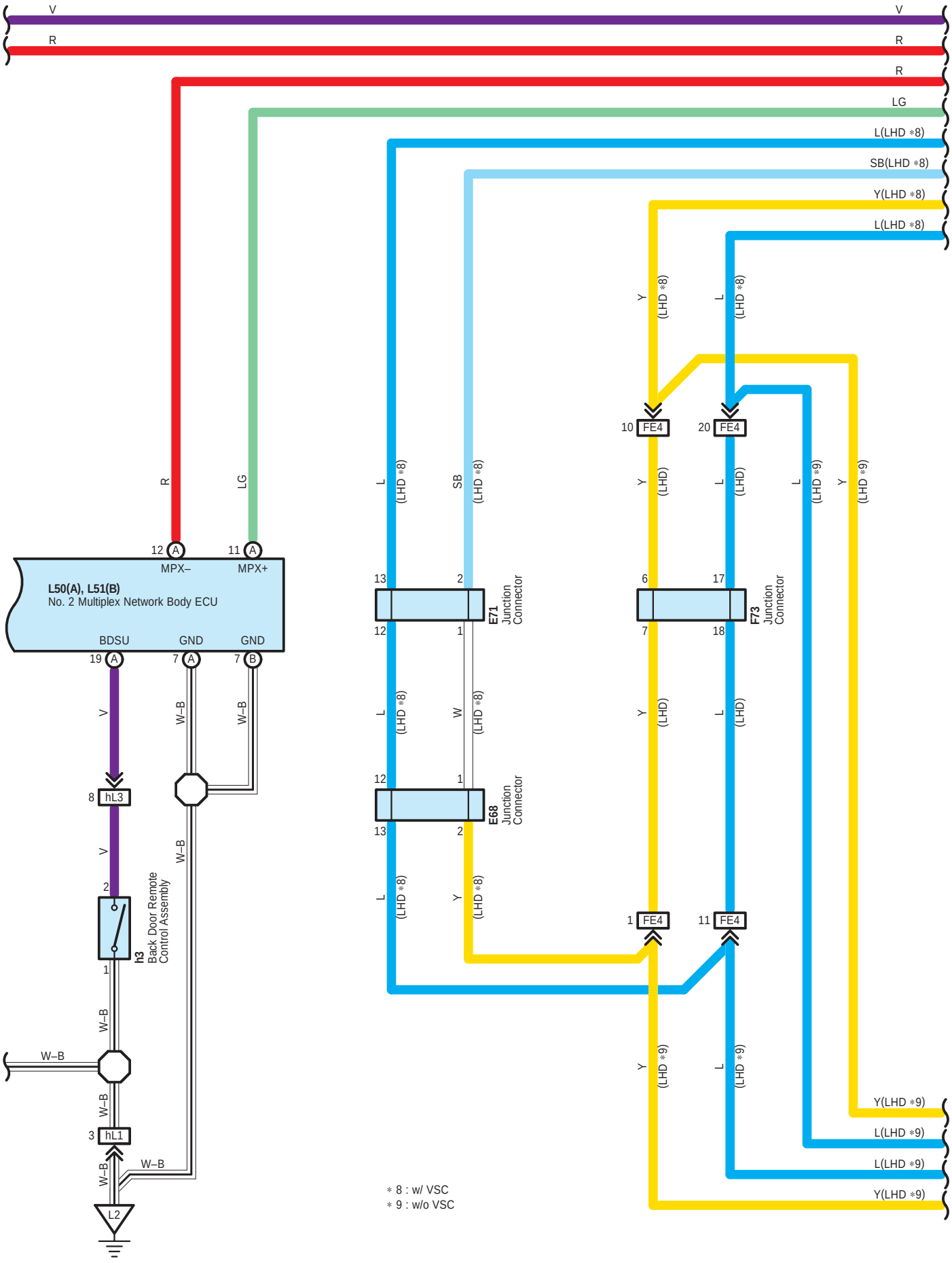
RE2

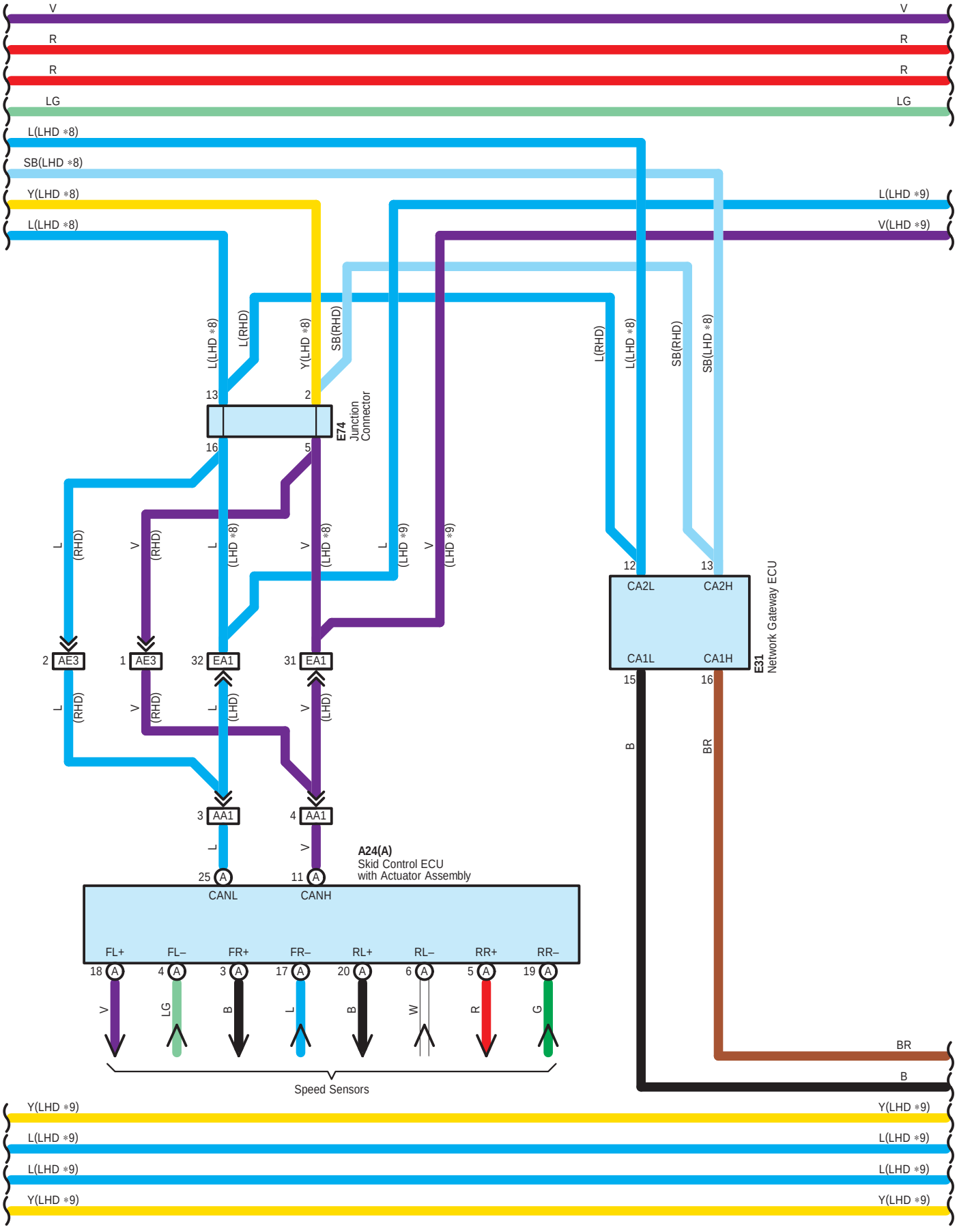
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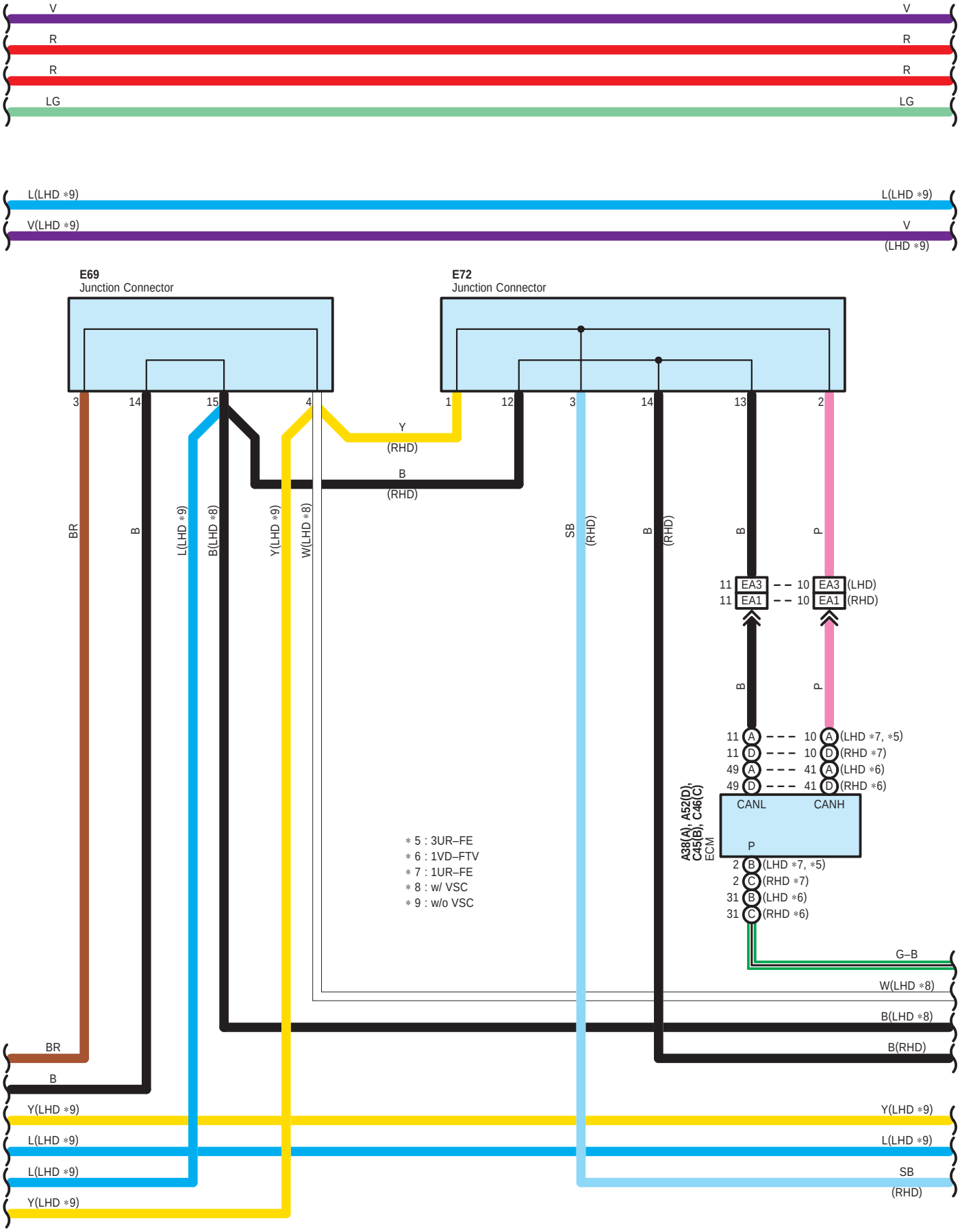


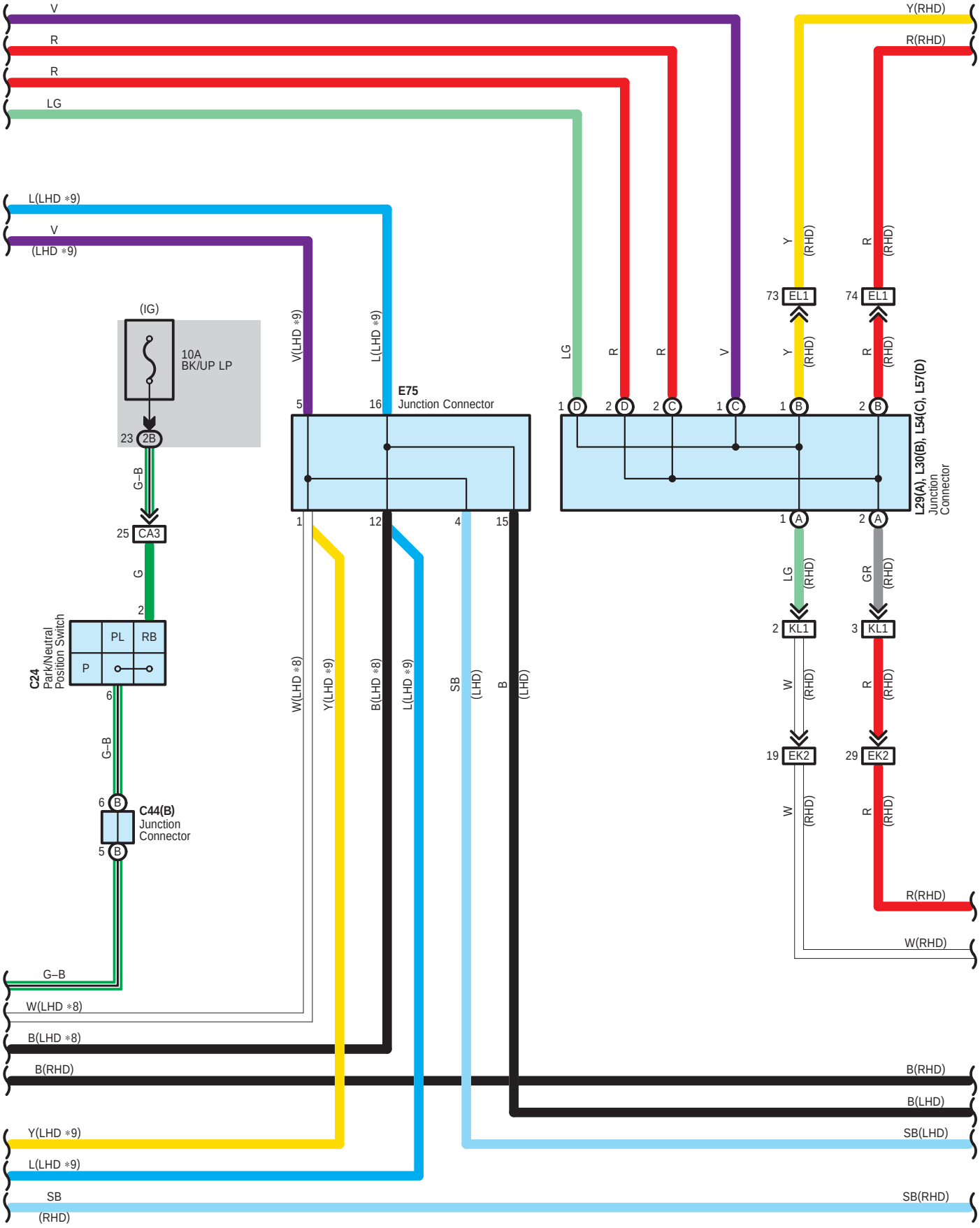

(IG)
5A
ECU–IG
No. 4
8 3B
(BAT)
30A
PBD
2 1H
(BAT)
5A
ECU–B2
2
1
S15
Junction Connector
8
2
3
BR
(*1)
BE
(*2)
OSLE
OSL
S24
Power Back Door
Sensor Assembly LH
OSRE
OSR
S23
Power Back Door
Sensor Assembly RH
G
B
R–W
R
Y
P
V
R
15 SK2
18 KL2
7 SK2
12 KL2
5 SK2
11 KL2
6 AL1
1 AL1
IG
B
ECUB
OSL
OSE
OSR
MPX1
MPX2
L52
Power Back Door Unit Assembly
GND
MSW
FUL
DC+
DC–
HAF
POS
DS1
BZR+
CYLH
CYRH
25 EL1
14 KL2
24 KL2
6 KL2
17 KL2
29 KL2
30 KL2
10 KL2
13 SK1
8 SK1
9 SK1
17 SK2
16 SK2
6 SK2
PWR
DOOR OFF
MSW
MSE
E104
Back Door
Control Switch
CTY
M+
M
M–
CLS
OPN
Latch
Switch
Sector
Switch
Courtesy
E
S22
Back Door
Lock Assembly
Back Door
S25
Door Control Switch
K47
Power Back Door
Warning Buzzer
W–B
40 A
20 A
E59(A)
Junction
Connector
13
1
E62
Junction
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L2
E1
E3
K1

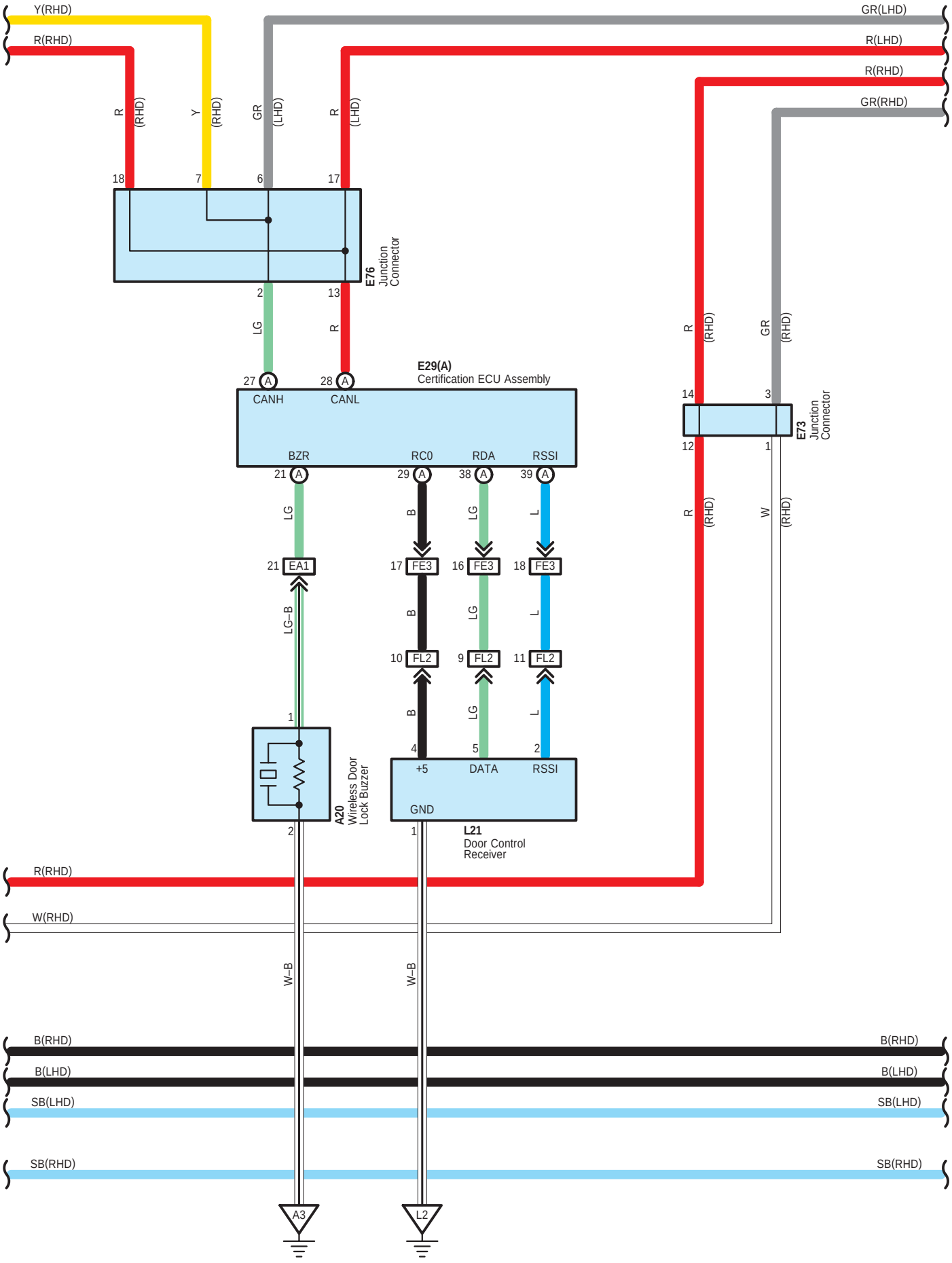

(BAT)
(BAT)
(BAT)
(IG)
30A B/DR CLSR RH
30A B/DR CLSR LH
5A ECU–B2
5A ECU–IG No. 4
V
R
B
W
R–W
G
AL1
BECU
SIG
∗1 : Before Jan. 2013 Production
∗2 : From Jan. 2013 Production China
L50(A), L51(B)
No. 2 Multiplex Network Body ECU
LMT
DC–
DC+
POL
HAF
FUL
HND
ACT–
ACT+
GND
E1
h4
Tail Gate Lock Assembly Lower RH
h5
Tail Gate Lock Assembly Lower LH
W–B
Y
G

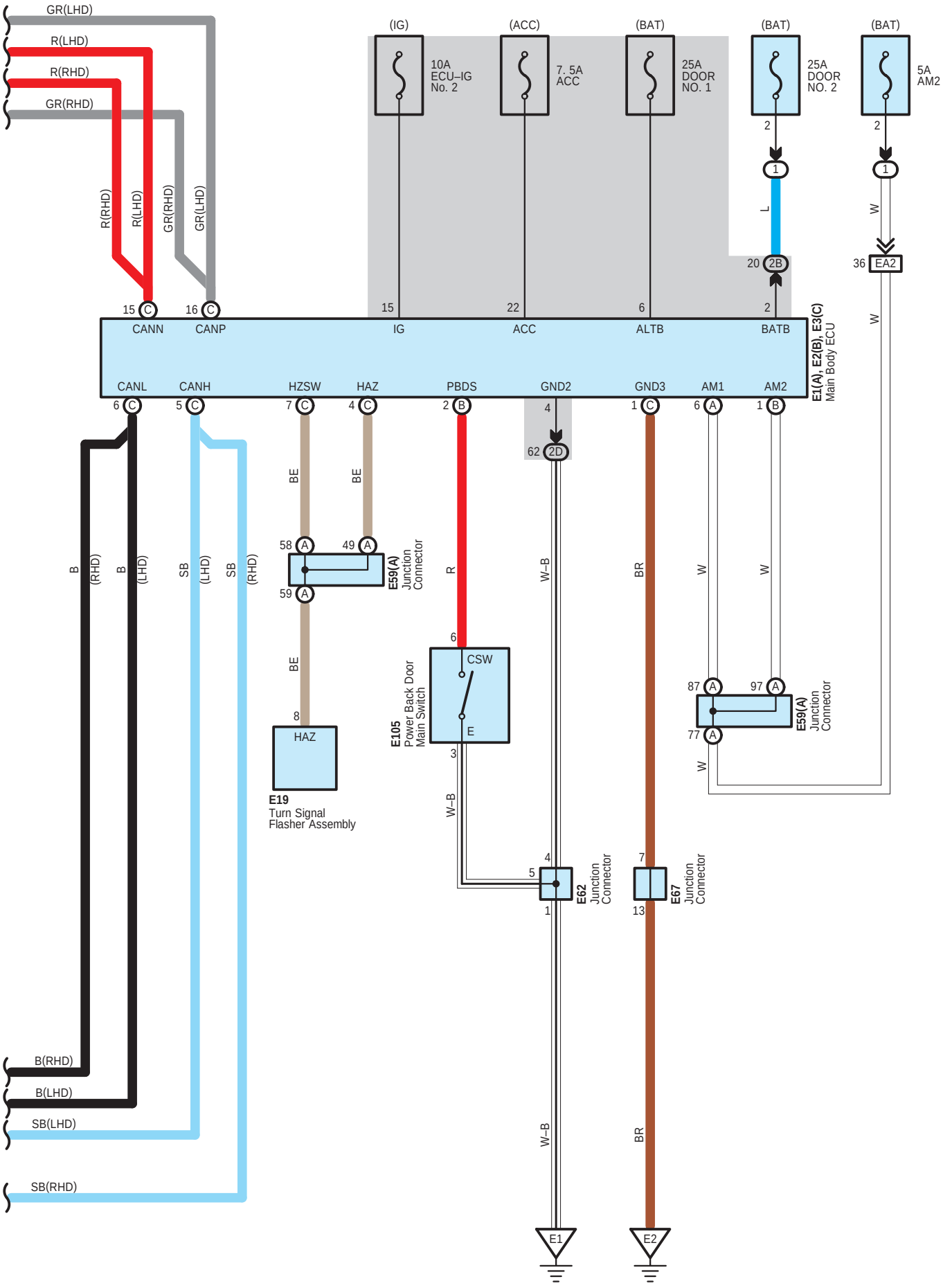

V
R
R
LG
L(LHD ∗8)
SB(LHD ∗8)
Y(LHD ∗8)
L(LHD ∗8)
R
LG
12 A
11 A
MPX–
MPX+
L50(A), L51(B)
No. 2 Multiplex Network Body ECU
BDSU
GND
GND
19 A
7 A
7 B
V
W–B
W–B
8 hL3
V
2
h3
Back Door Remote Control Assembly
1
W–B
W–B
W–B
3 hL1
W–B
W–B
L2
L (LHD ∗8)
SB (LHD ∗8)
13
2
12
1
E71 Junction Connector
L (LHD ∗8)
W (LHD ∗8)
12
1
13
2
E68 Junction Connector
L (LHD ∗8)
Y (LHD ∗8)
Y (LHD ∗8)
L (LHD ∗8)
10 FE4
20 FE4
Y (LHD)
L (LHD)
L (LHD ∗9)
Y (LHD ∗9)
6
17
7
18
F73 Junction Connector
Y (LHD)
L (LHD)
1 FE4
11 FE4
Y (LHD ∗9)
L (LHD ∗9)
Y(LHD ∗9)
L(LHD ∗9)
L(LHD ∗9)
Y(LHD ∗9)
∗ 8 : w/ VSC
∗ 9 : w/o VSC


V
R
R
LG
L(LHD ∗8)
SB(LHD ∗8)
Y(LHD ∗8)
L(LHD ∗8)
L(LHD ∗9)
V(LHD ∗9)
E74
Junction Connector
13
2
16
5
2 AE3
1 AE3
32 EA1
31 EA1
3 AA1
4 AA1
25 A
11 A
CANL
CANH
A24(A)
Skid Control ECU
with Actuator Assembly
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
Speed Sensors
12
13
CA2L
CA2H
CA1L
CA1H
15
16
E31
Network Gateway ECU
BR
B
Y(LHD ∗9)
L(LHD ∗9)

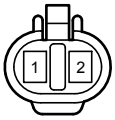

V
V
R
R
R
R
LG
LG
L(LHD ∗9)
L(LHD ∗9)
V(LHD ∗9)
V
(LHD ∗9)
E69
Junction Connector
E72
Junction Connector
3
14
15
4
1
12
3
14
13
2
Y
(RHD)
B
(RHD)
BR
B
L(LHD ∗9)
B(LHD ∗8)
Y(LHD ∗9)
W(LHD ∗8)
SB
(RHD)
B
(RHD)
B
P
11 EA3 10 EA3 (LHD)
11 EA1 10 EA1 (RHD)
B
P
11 A 10 A (LHD ∗7, ∗5)
11 D 10 D (RHD ∗7)
49 A 41 A (LHD ∗6)
49 D 41 D (RHD ∗6)
CANL
CANH
P
2 B (LHD ∗7, ∗5)
2 C (RHD ∗7)
31 B (LHD ∗6)
31 C (RHD ∗6)
A38(A), A52(D),
C45(B), C46(C)
ECM
∗ 5 : 3UR–FE
∗ 6 : 1VD–FTV
∗ 7 : 1UR–FE
∗ 8 : w/ VSC
∗ 9 : w/o VSC
G–B
W(LHD ∗8)
B(LHD ∗8)
B(RHD)
BR
B
Y(LHD ∗9)
L(LHD ∗9)
L(LHD ∗9)
Y(LHD ∗9)
Y(LHD ∗9)
L(LHD ∗9)
SB
(RHD)


V
R
R
LG
L(LHD *9)
V
(LHD *9)
(IG)
10A
BK/UP LP
23 2B
G–B
25 CA3
G
2
C24
Park/Neutral
Position Switch
PL
RB
P
6
G–B
6 B
C44(B)
Junction
Connector
5 B
G–B
W(LHD *8)
B(LHD *8)
B(RHD)
Y(LHD *9)
L(LHD *9)
SB
(RHD)
V(LHD *9)
L(LHD *9)
5
16
E75
Junction Connector
1
12
4
15
W(LHD *8)
Y(LHD *9)
B(LHD *8)
L(LHD *9)
SB
(LHD)
B
(LHD)
LG
R
R
V
1 D
2 D
2 C
1 C
Y
(RHD)
R
(RHD)
73 EL1
74 EL1
Y
(RHD)
R
(RHD)
1 B
2 B
L29(A), L30(B), L54(C), L57(D)
Junction
Connector
1 A
2 A
LG
(RHD)
GR
(RHD)
2 KL1
3 KL1
W
(RHD)
R
(RHD)
19 EK2
29 EK2
W
(RHD)
R
(RHD)
Y(RHD)
R(RHD)
R(RHD)
W(RHD)
B(RHD)
B(LHD)
SB(LHD)
SB(RHD)

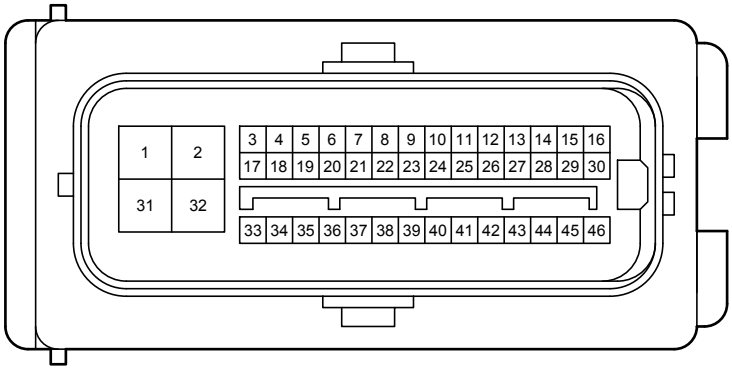

Y(RHD)
R(RHD)
GR(LHD)
R(LHD)
R(RHD)
GR(RHD)
R (RHD)
Y (RHD)
GR (LHD)
R (LHD)
18
7
6
17
E76
Junction
Connector
2
13
LG
R
27 A
28 A
CANH
CANL
E29(A)
Certification ECU Assembly
BZR
RC0
RDA
RSSI
21 A
29 A
38 A
39 A
LG
B
LG
L
21 EA1
17 FE3
16 FE3
18 FE3
LG–B
B
LG
L
10 FL2
9 FL2
11 FL2
B
LG
L
1
4
5
2
+5
DATA
RSSI
GND
2
1
A20
Wireless Door
Lock Buzzer
L21
Door Control
Receiver
R (RHD)
GR (RHD)
14
3
12
1
E73
Junction
Connector
R (RHD)
W (RHD)
R(RHD)
W(RHD)
W–B
W–B
B(RHD)
B(LHD)
SB(LHD)
SB(RHD)
B(RHD)
B(LHD)
SB(LHD)
SB(RHD)
A3
L2


GR(LHD)
R(LHD)
R(RHD)
GR(RHD)
R(RHD)
R(LHD)
GR(RHD)
GR(LHD)
(IG)
10A
ECU–IG
No. 2
(ACC)
7. 5A
ACC
(BAT)
25A
DOOR
NO. 1
(BAT)
25A
DOOR
NO. 2
(BAT)
5A
AM2
15 C
CANN
16 C
CANP
15
IG
22
ACC
6
ALTB
2
BATB
20 2B
L
2
1
36 EA2
W
W
E1(A), E2(B), E3(C)
Main Body ECU
CANL
CANH
HZSW
HAZ
PBDS
GND2
GND3
AM1
AM2
6 C
5 C
7 C
4 C
2 B
4
62 2D
1 C
6 A
1 B
B (RHD)
B (LHD)
SB (LHD)
SB (RHD)
BE
BE
58 A
49 A
59 A
E59(A)
Junction
Connector
R
6
CSW
E
3
E105
Power Back Door
Main Switch
W–B
W–B
BR
BR
W
W
W
87 A
97 A
77 A
E59(A)
Junction
Connector
BE
8
HAZ
E19
Turn Signal
Flasher Assembly
4
5
1
E62
Junction
Connector
7
13
E67
Junction
Connector
B(RHD)
B(LHD)
SB(LHD)
SB(RHD)
E1
E2

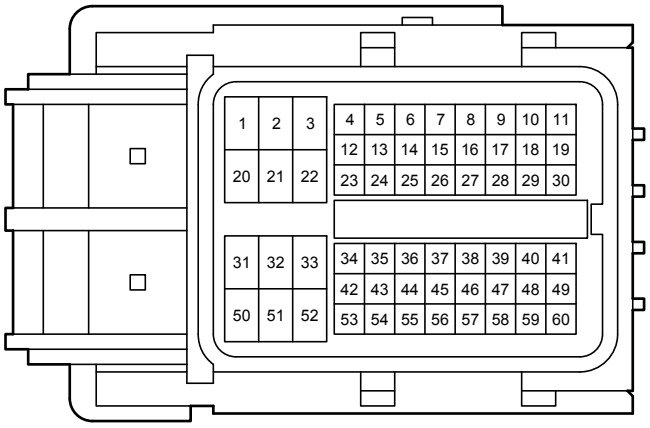
A 20
Black



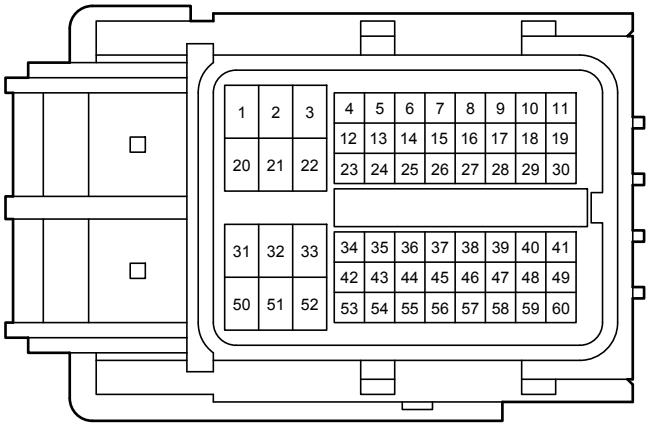
A 24
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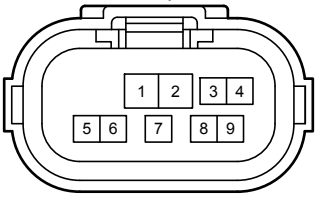
A 38
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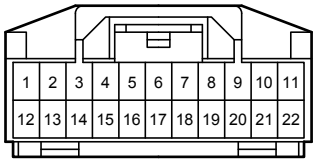
A 52
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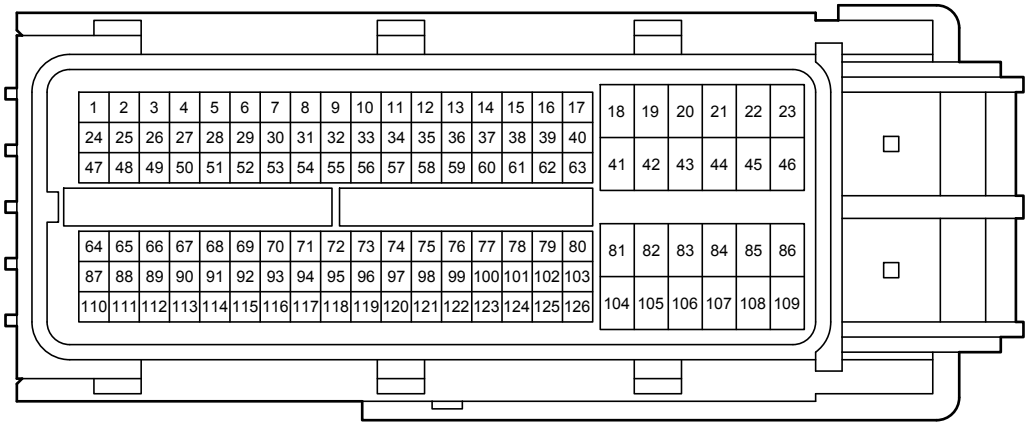
C 24
Gray



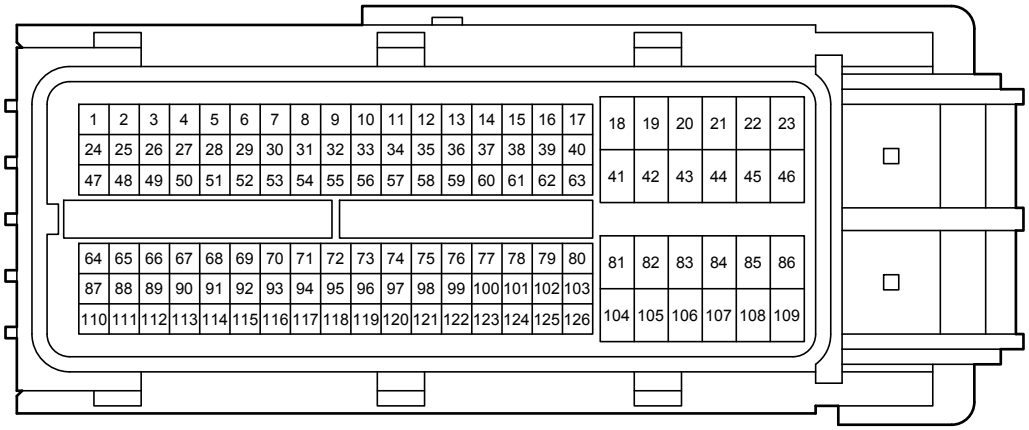
C 44
Blue



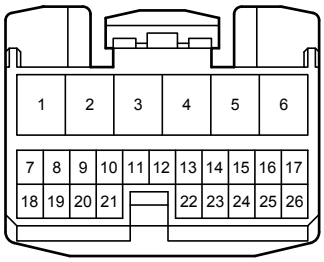
C 45
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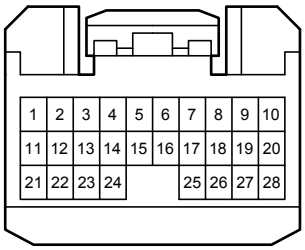
C 46
Black



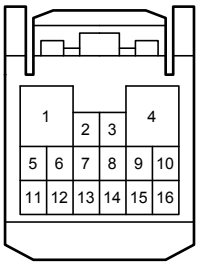
E 1
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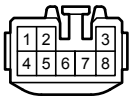
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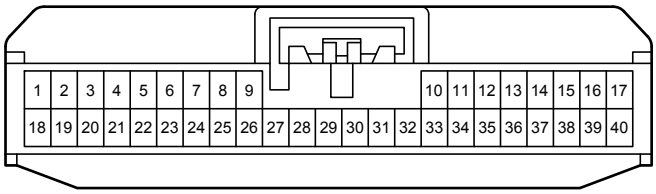
E 3
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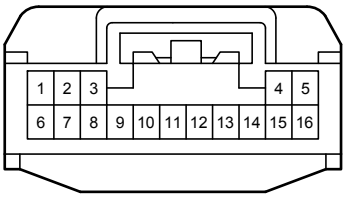
E 19
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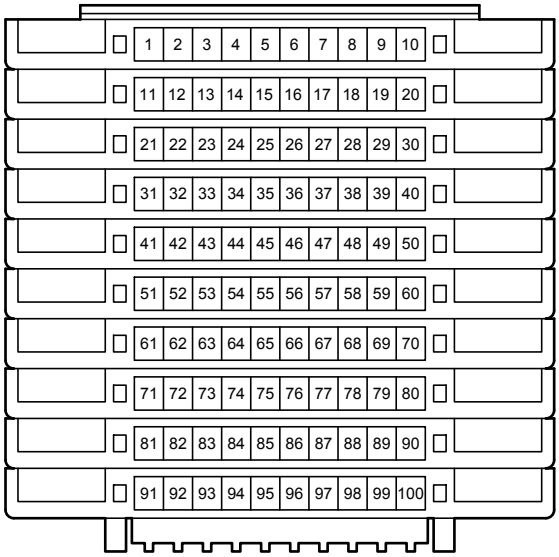
E 29
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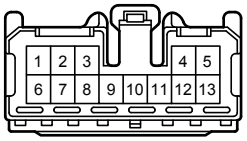
E 31
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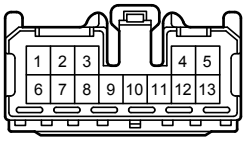
E 59



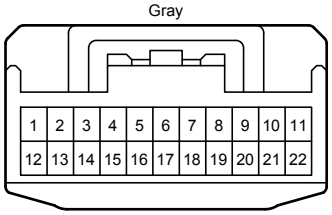
E 62
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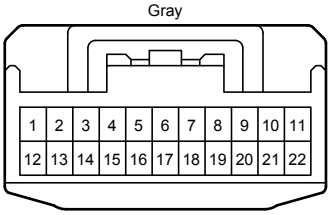
E 67
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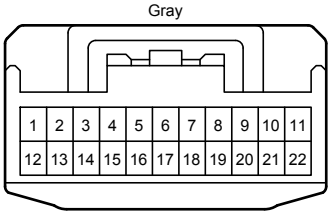
E 68
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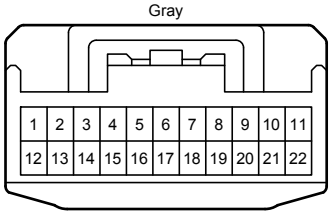
E 69
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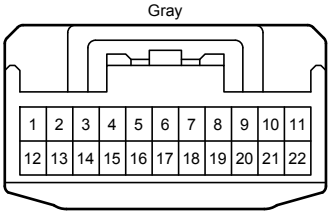
E 71
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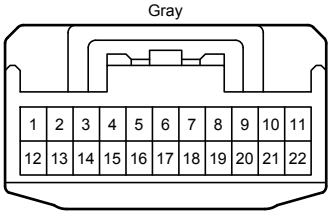
E 72
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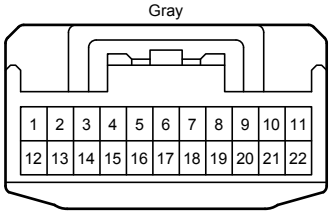
E 73
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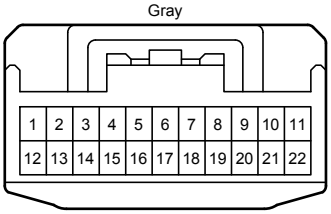
E 74
Gray



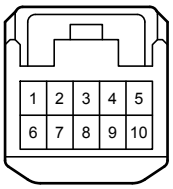
E 75
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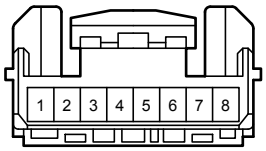
E 76
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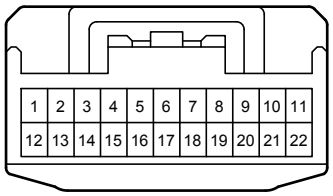
E104
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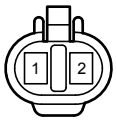
E105
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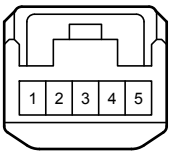
F 73
Blue



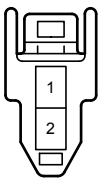
K 47
Black



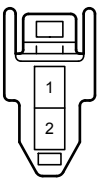
L 21
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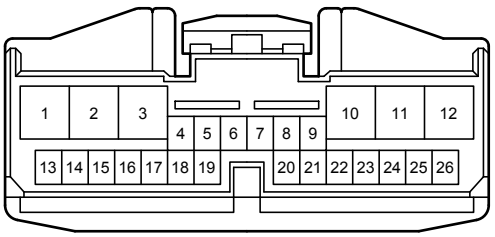
L 29
White



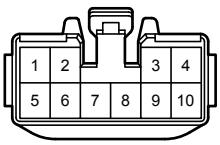
L 30
White



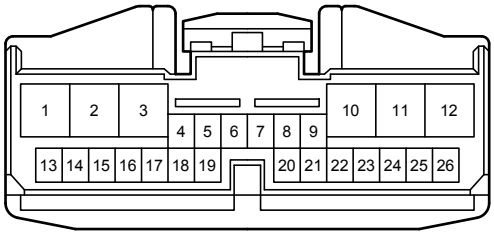
L 50
White



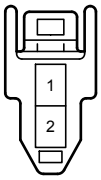
L 51
Blue



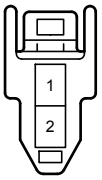
L 52
White



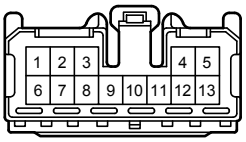
L 54
White



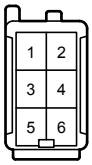
L 57
White



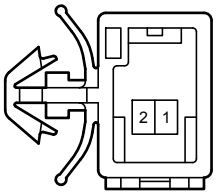
S 15
White



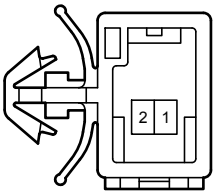
S 22
Black



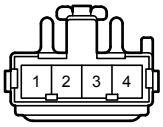
S 23
White



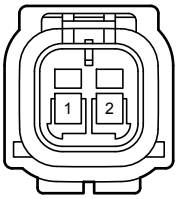
S 24
White



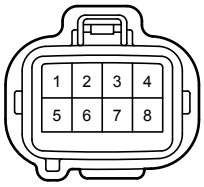
S 25
Black



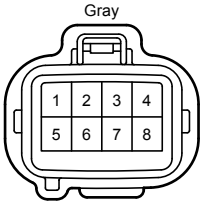
h 3
Black



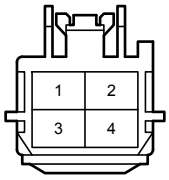
h 4
White



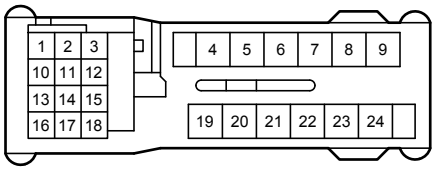
h 5
Gray



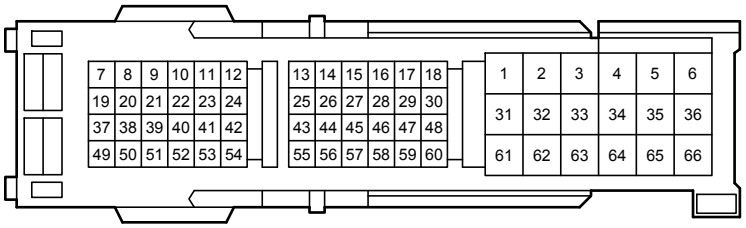
1H
White



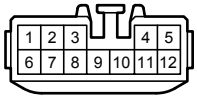
2B
White



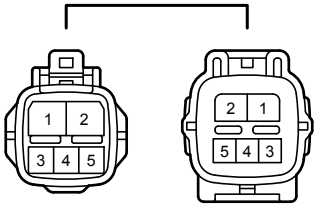
2D
White



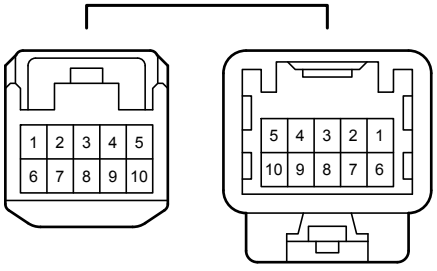
3B
Gray



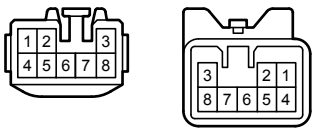
AA1
Gray



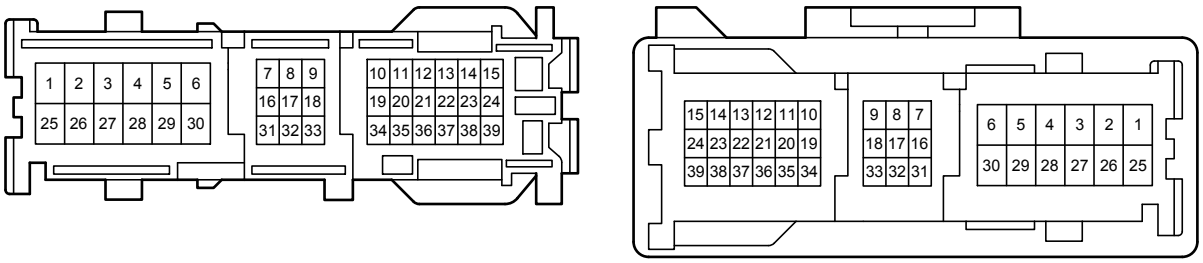
AE3
Gray



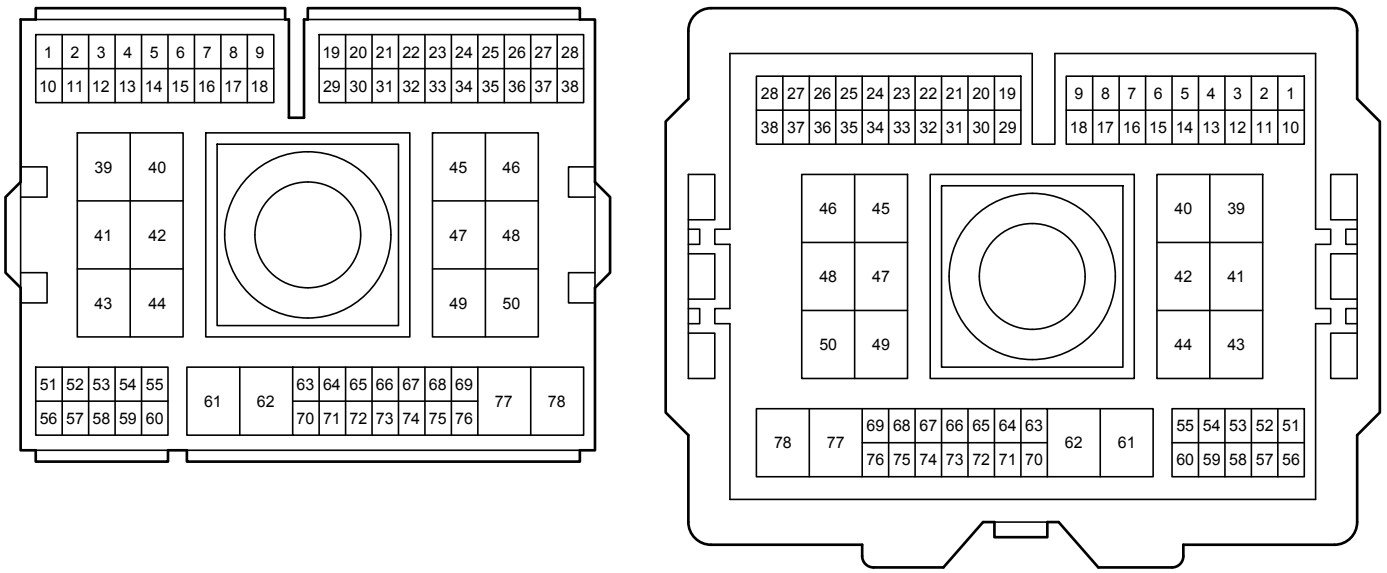
AL1
White



CA3
White

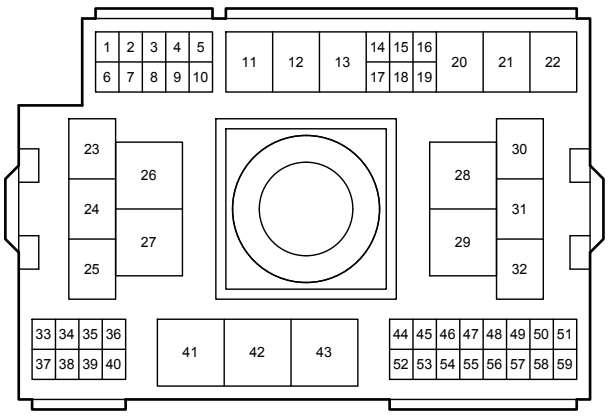


EA1
White

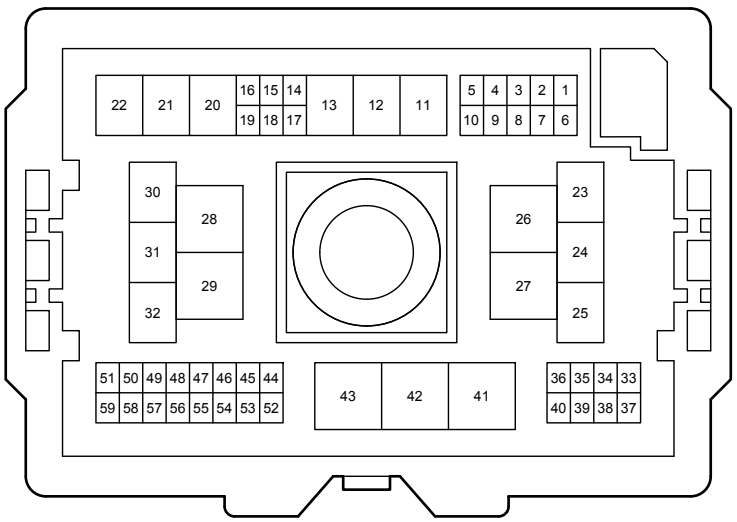


EA2

White

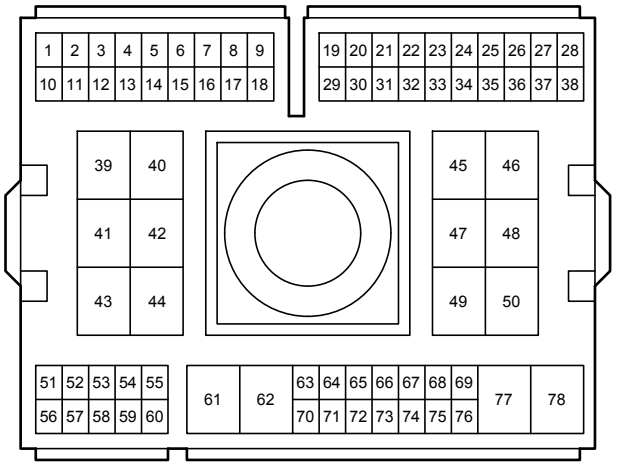


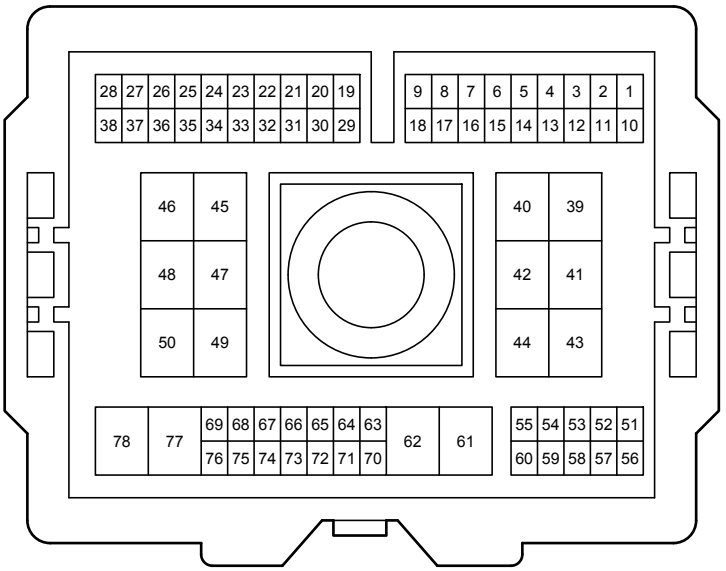
Gray



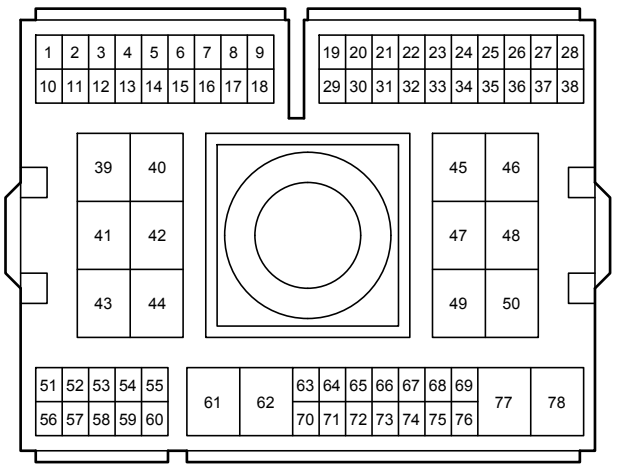
EA3

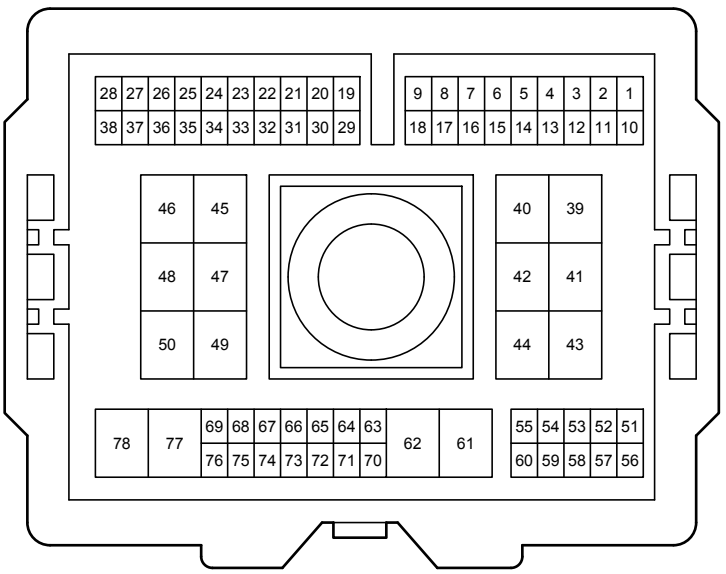
White



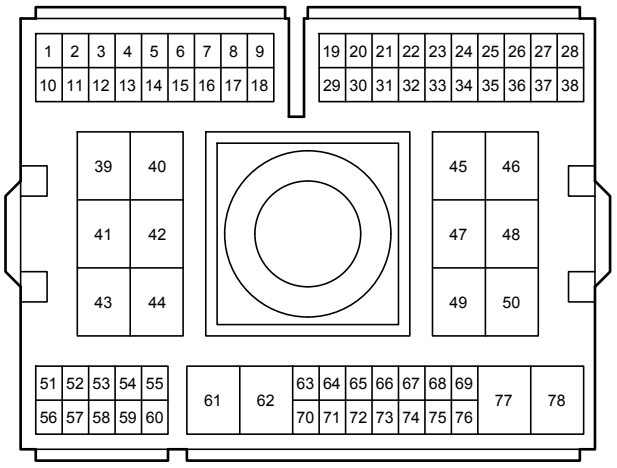


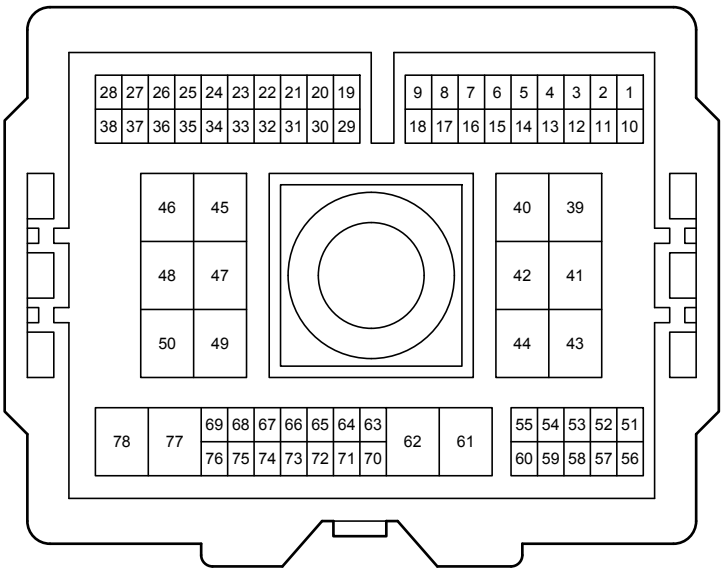
EK2
White



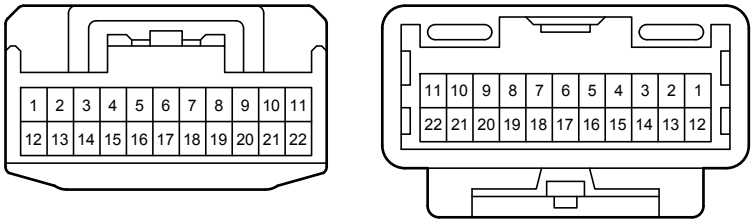


EL1
White

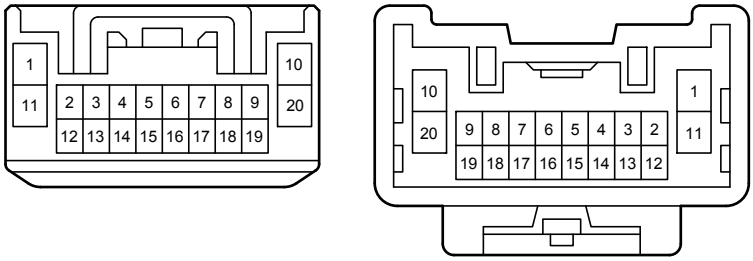




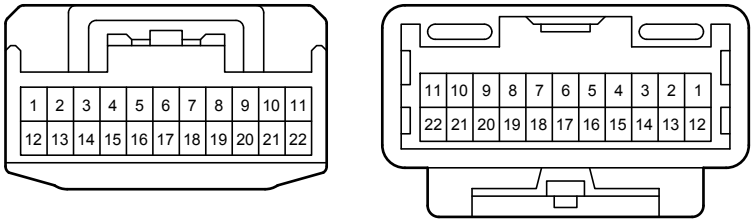
FE3
White



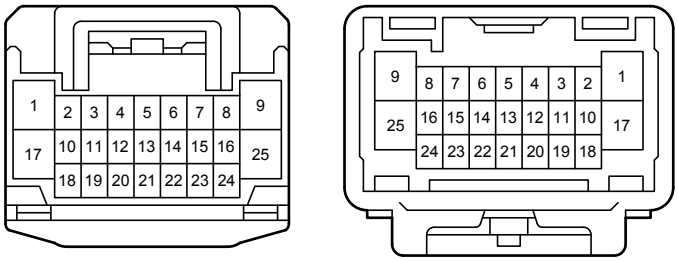
FE4
White



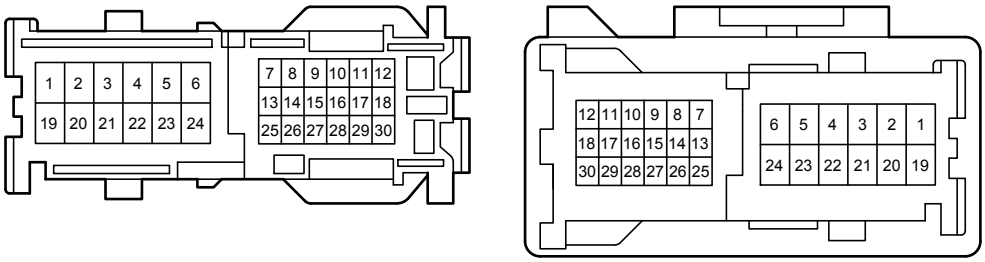
FL2
Blue

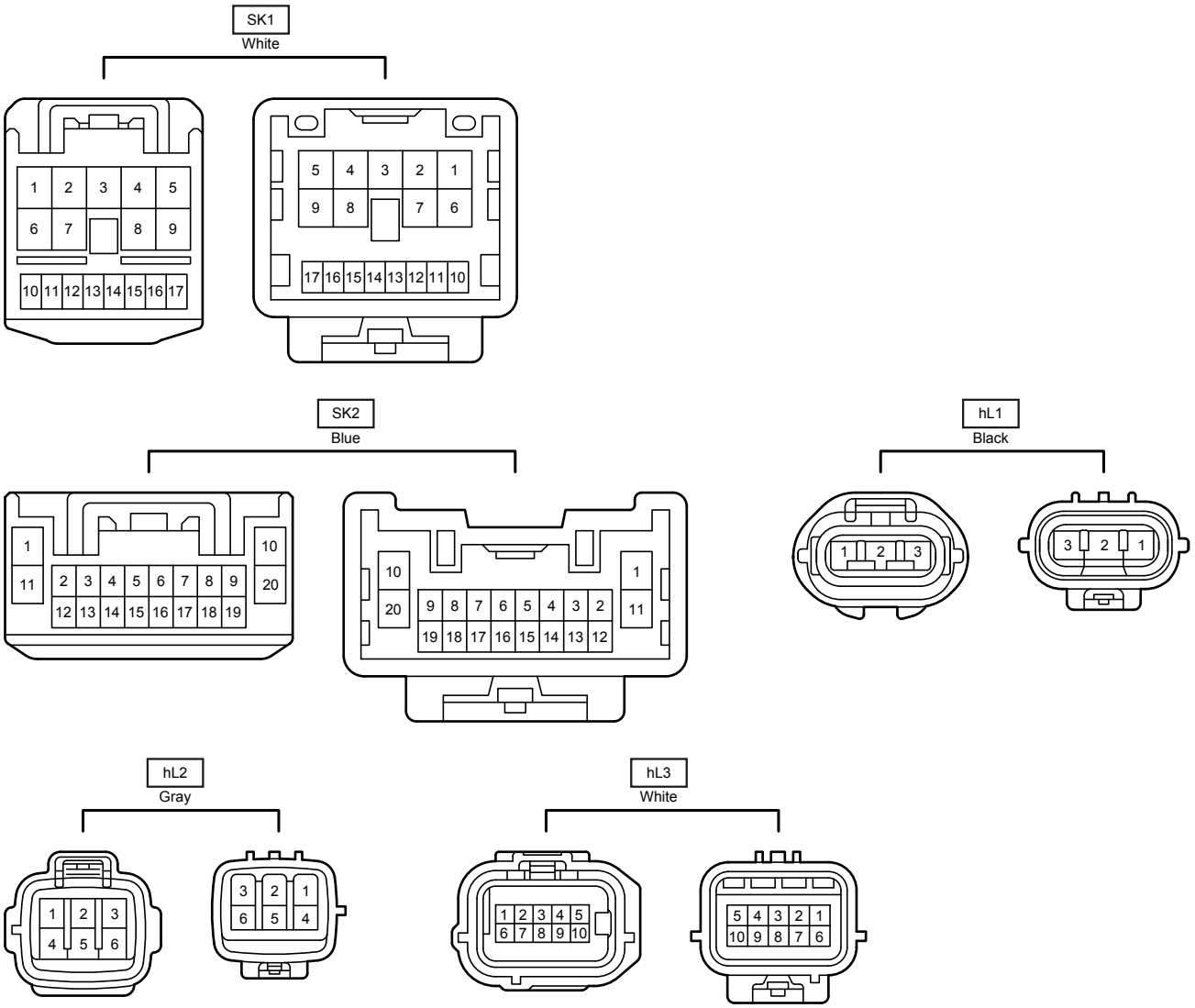


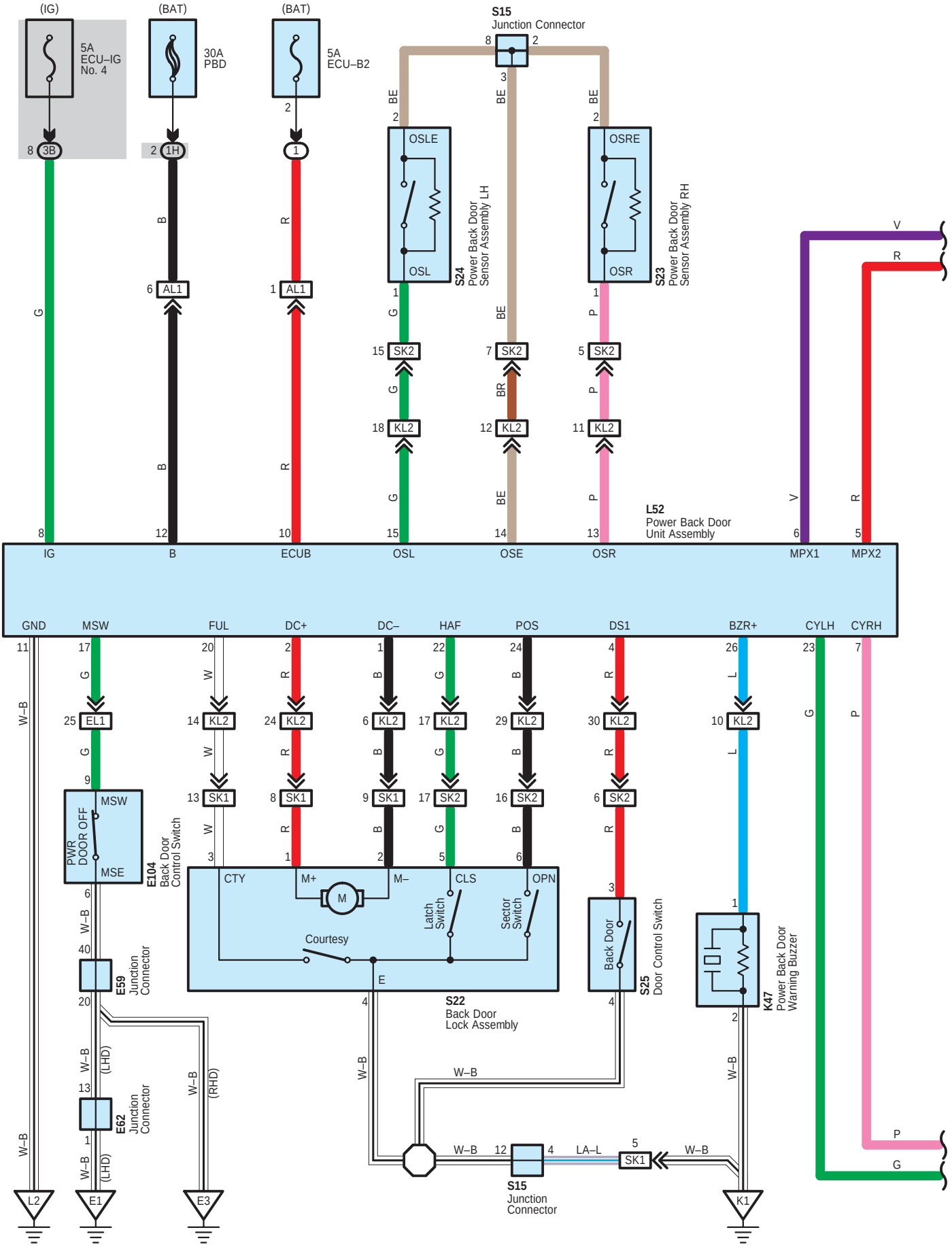
KL1
White

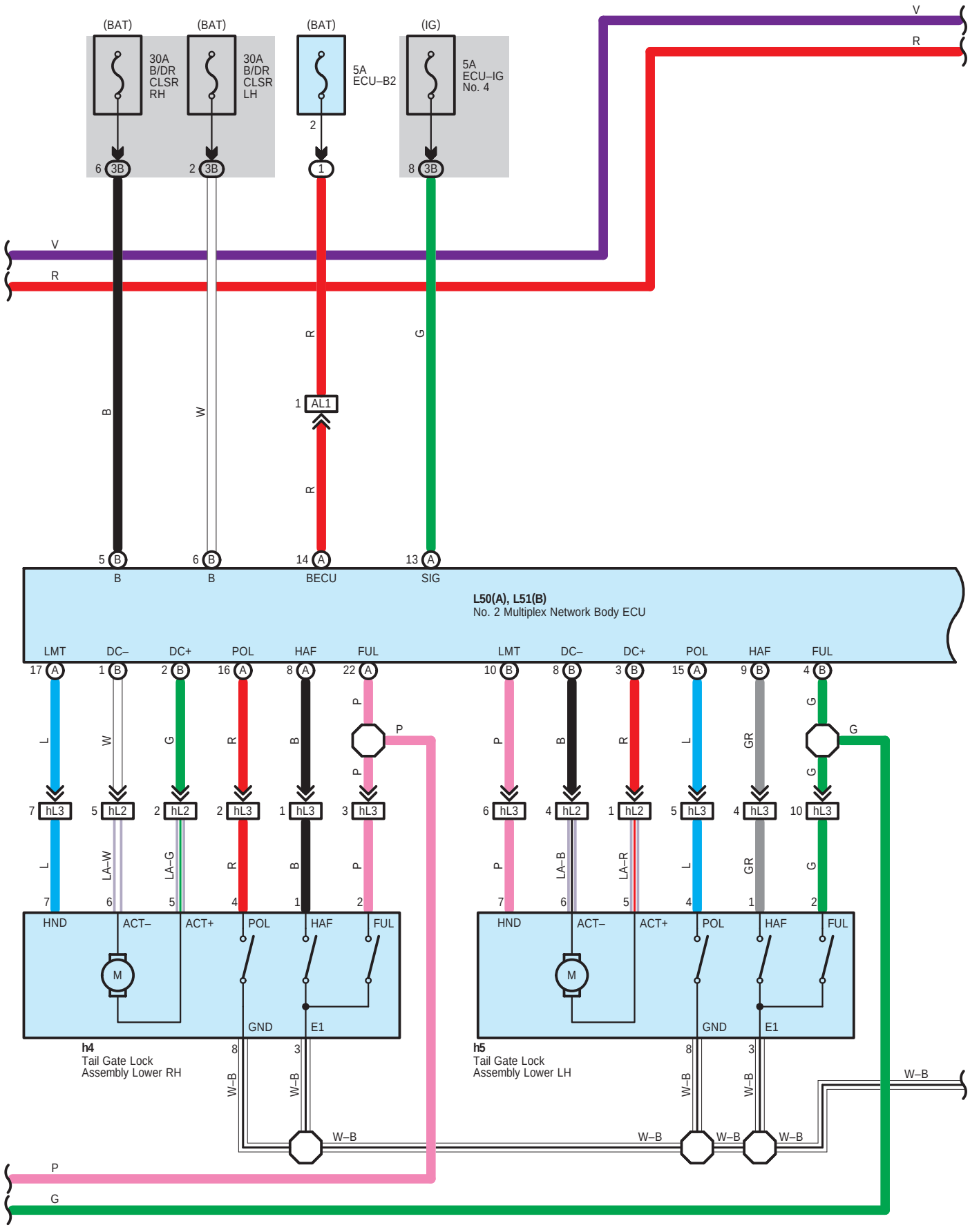


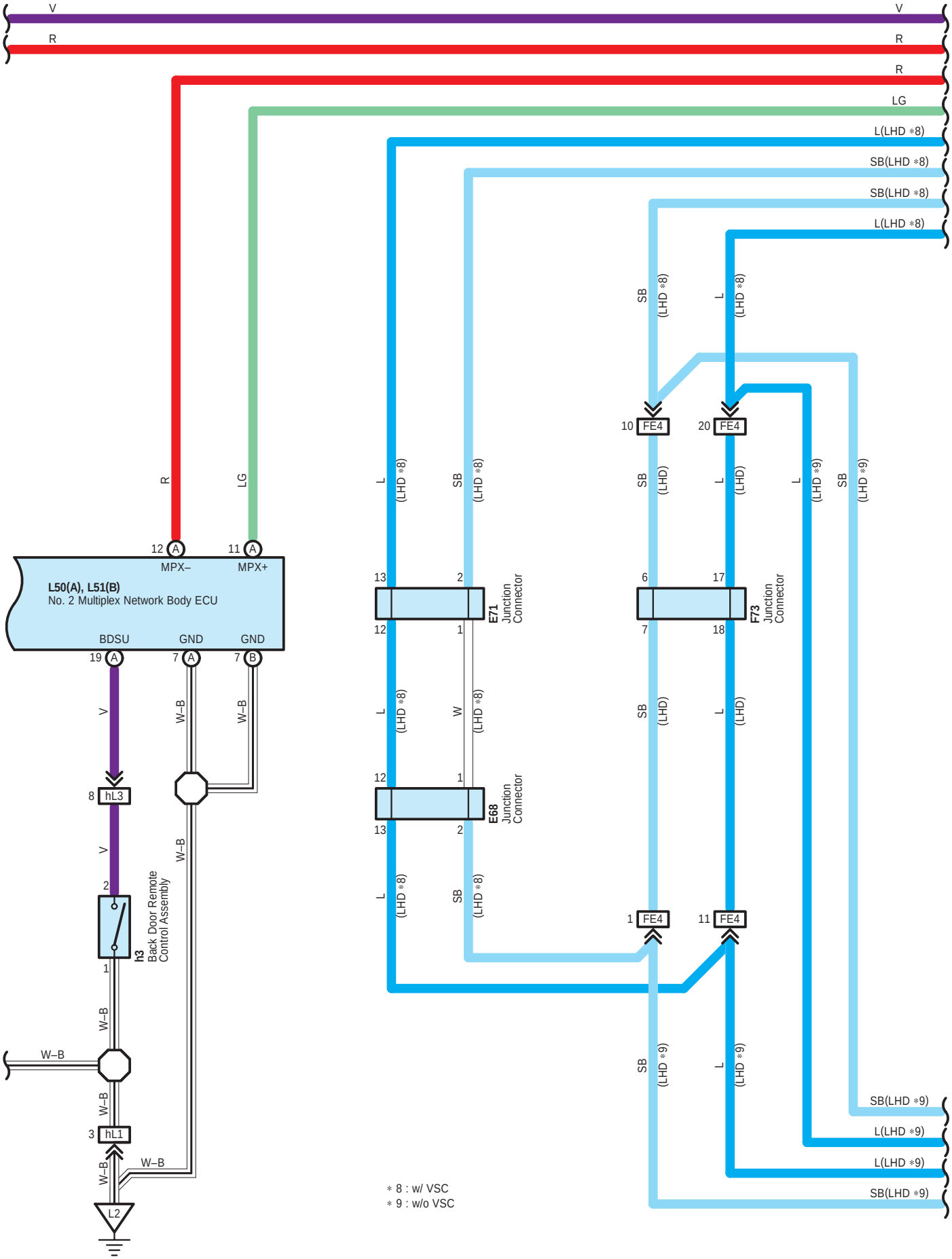
KL2
White

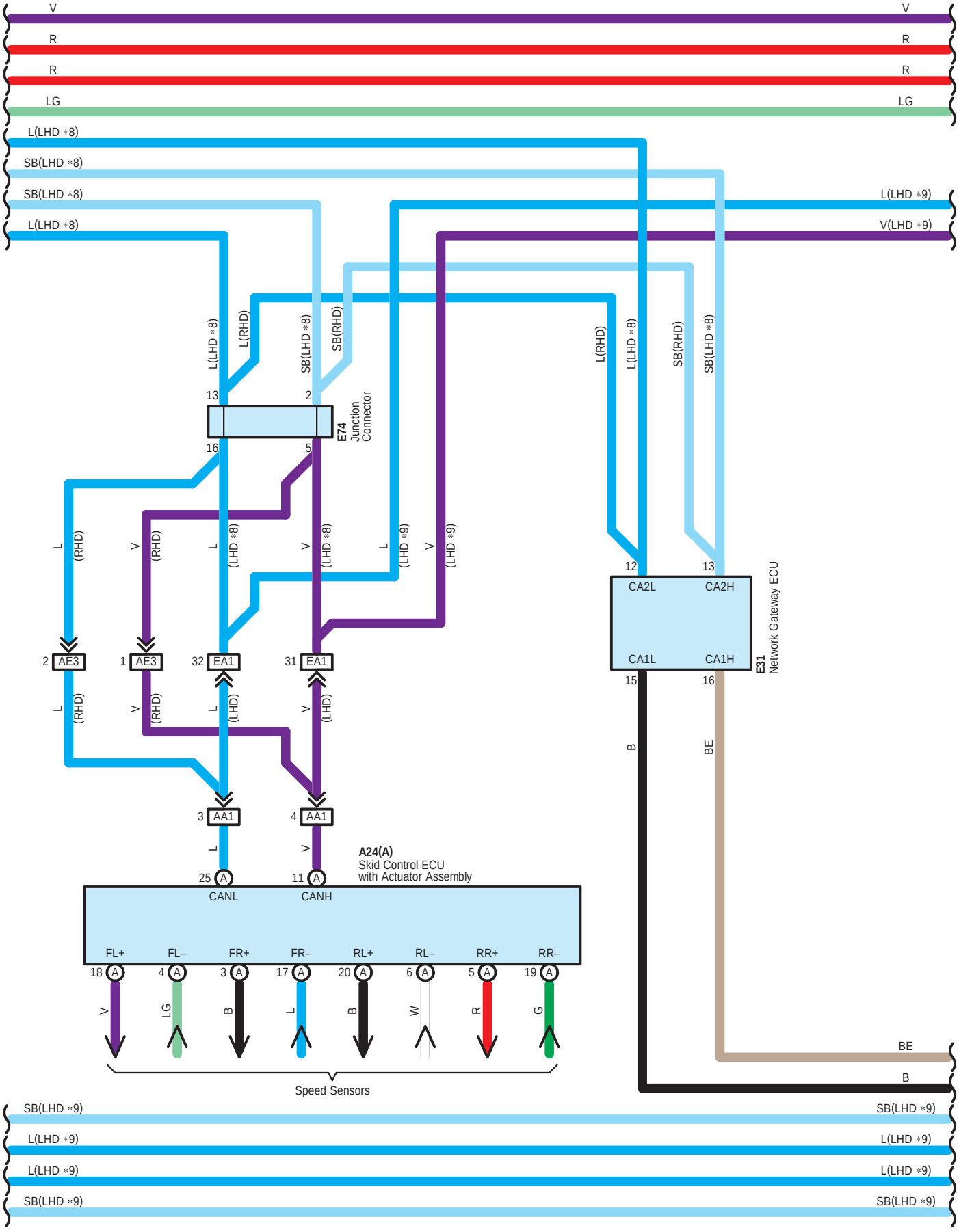


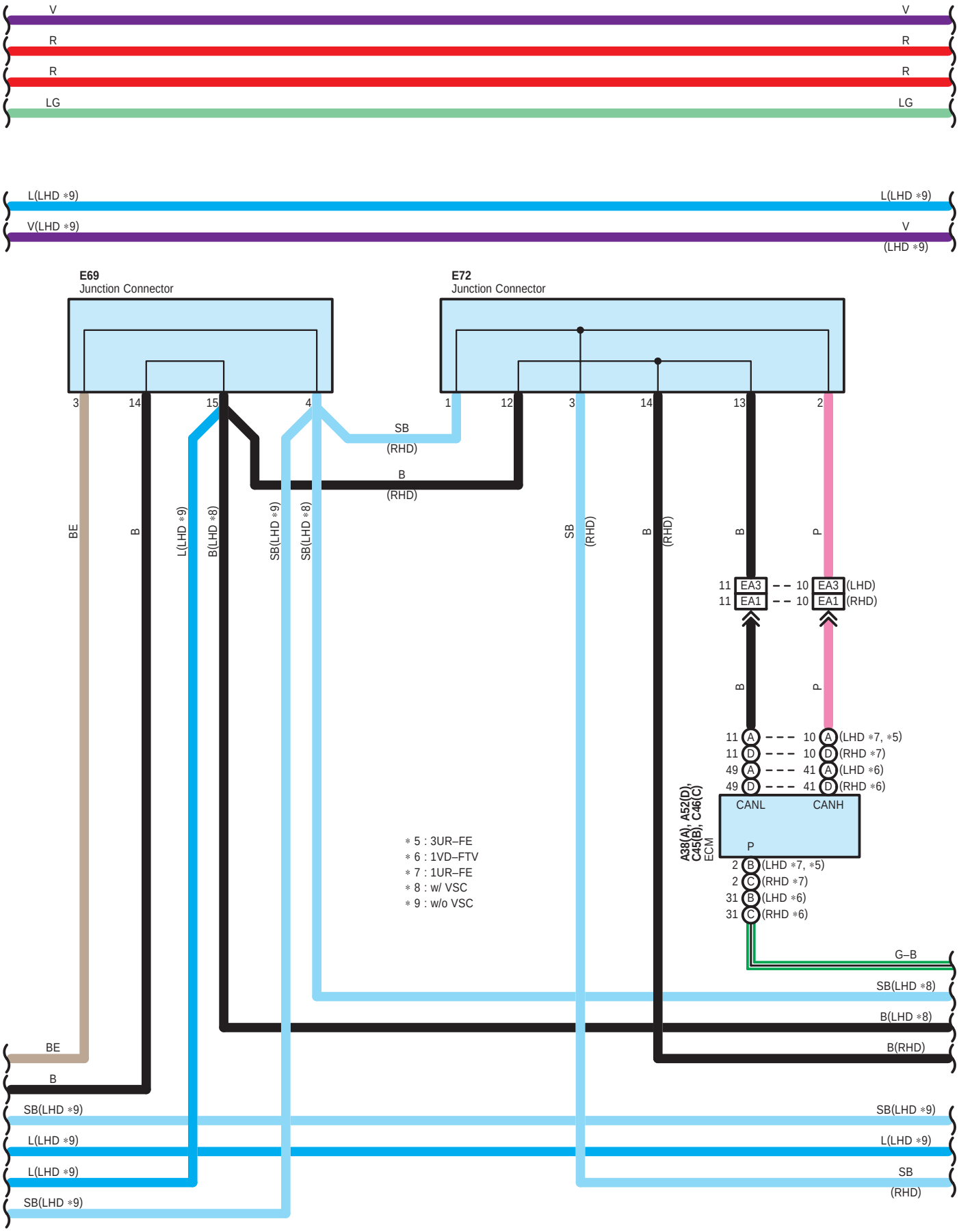

SK1
White
1 2 3 4 5
6 7 8 9
10 11 12 13 14 15 16 17
5 4 3 2 1
9 8 7 6
17 16 15 14 13 12 11 10
SK2
Blue
1 10
11 20
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10 1
20 11
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
hL1
Black
1 2 3
3 2 1
hL2
Gray
1 2 3
4 5 6
3 2 1
6 5 4
hL3
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

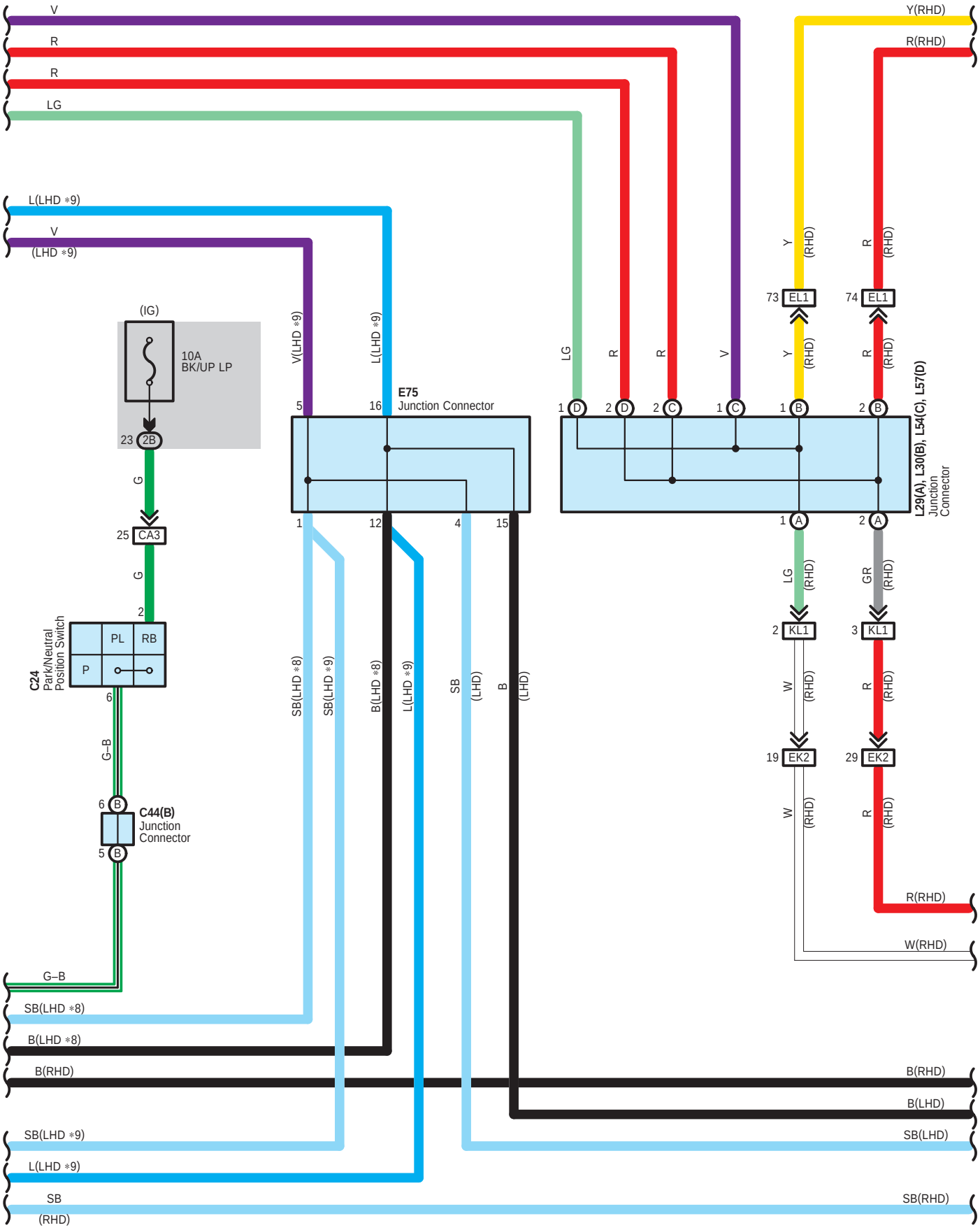

(IG)
5A
ECU–IG
No. 4
8 3B
(BAT)
30A
PBD
2 1H
(BAT)
5A
ECU–B2
2 1
S15
Junction Connector
8 2
3
BE
OSLE
OSL
S24
Power Back Door
Sensor Assembly LH
OSRE
OSR
S23
Power Back Door
Sensor Assembly RH
G
B
R
P
V
AL1
SK2
KL2
L52
Power Back Door
Unit Assembly
IG
B
ECUB
OSL
OSE
OSR
MPX1
MPX2
GND
MSW
FUL
DC+
DC–
HAF
POS
DS1
BZR+
CYLH
CYRH
EL1
SK1
PWR
DOOR OFF
MSW
MSE
E104
Back Door
Control Switch
E59
Junction
Connector
E62
Junction
Connector
(LHD)
(RHD)
CTY
M+
M–
CLS
OPN
M
Latch
Switch
Sector
Switch
Courtesy
E
S22
Back Door
Lock Assembly
Back Door
S25
Door Control Switch
K47
Power Back Door
Warning Buzzer
LA–L
L2
E1
E3
K1

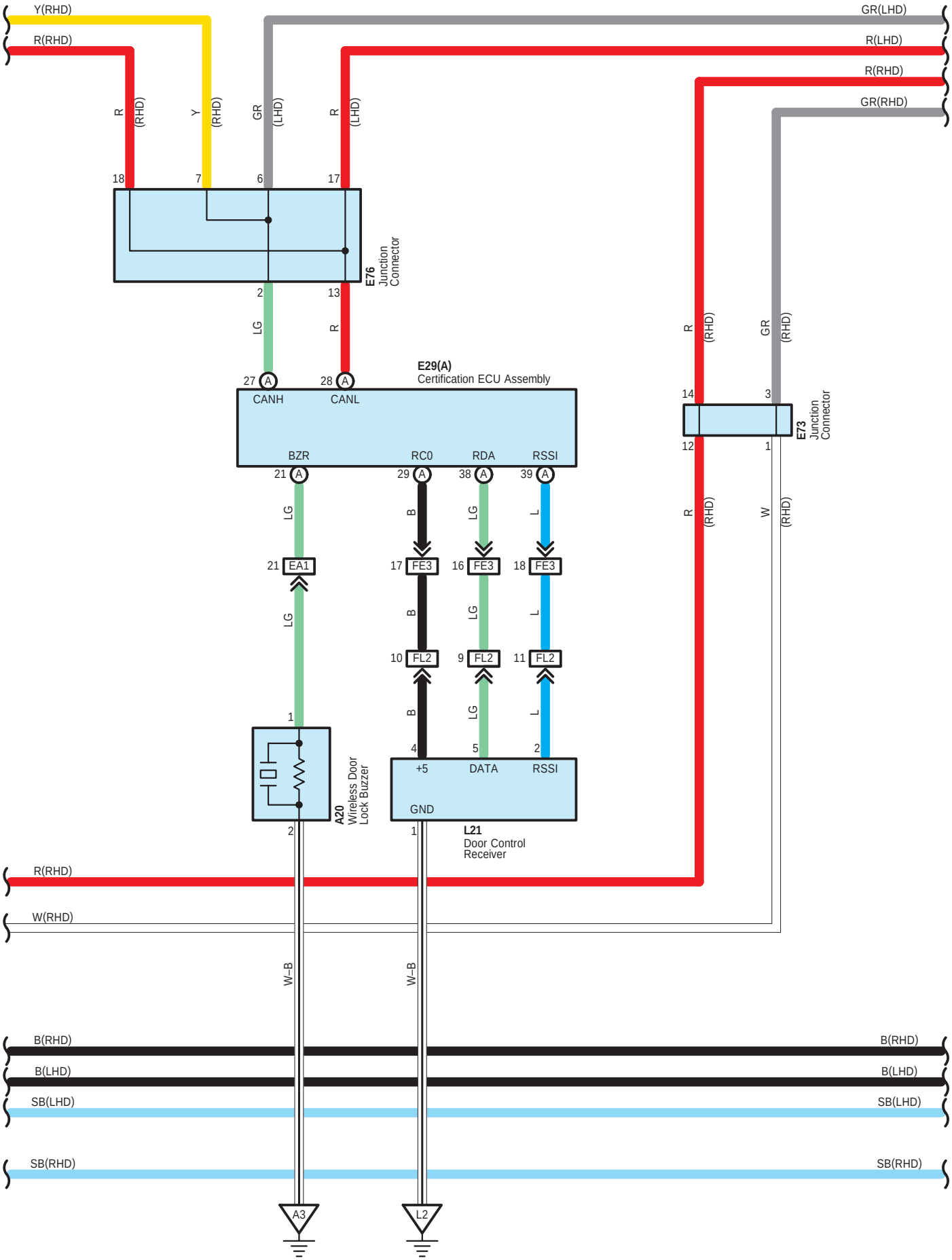

(BAT)
(BAT)
(BAT)
(IG)
30A B/DR CLSR RH
30A B/DR CLSR LH
5A ECU–B2
5A ECU–IG No. 4
V
R
B
W
R
G
AL1
B
B
BECU
SIG
L50(A), L51(B)
No. 2 Multiplex Network Body ECU
LMT
DC–
DC+
POL
HAF
FUL
hL3
hL2
LA–W
LA–G
LA–B
LA–R
GR
HND
ACT–
ACT+
GND
E1
M
h4
Tail Gate Lock Assembly Lower RH
h5
Tail Gate Lock Assembly Lower LH
W–B
P
G

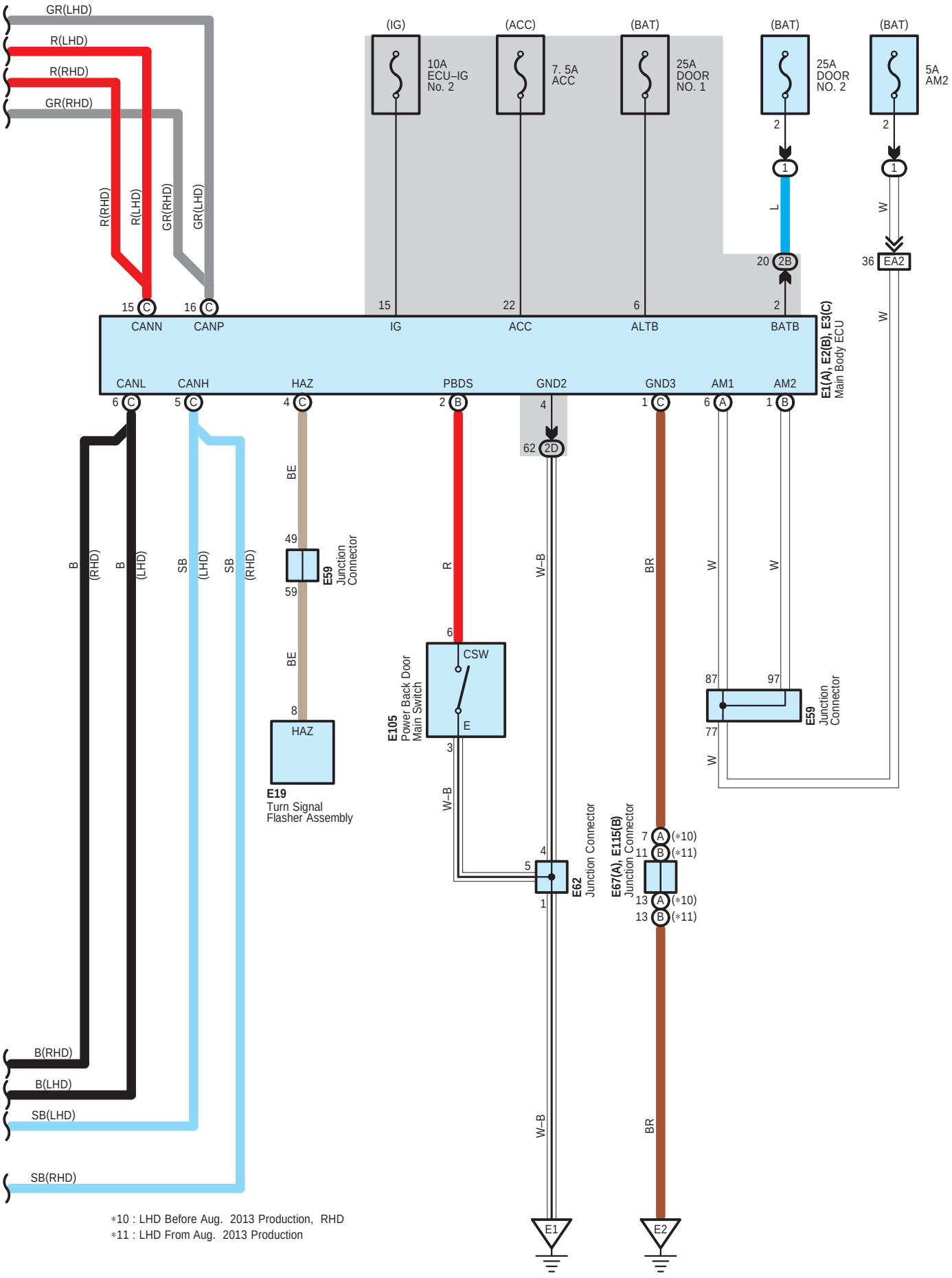

V
R
R
LG
L(LHD *8)
SB(LHD *8)
SB(LHD *8)
L(LHD *8)
R
LG
12 A
11 A
MPX–
MPX+
L50(A), L51(B)
No. 2 Multiplex Network Body ECU
BDSU
GND
GND
19 A
7 A
7 B
V
W–B
W–B
8 hL3
V
2
1
h3
Back Door Remote Control Assembly
W–B
W–B
W–B
3 hL1
W–B
W–B
L2
L (LHD *8)
SB (LHD *8)
13
2
12
1
E71 Junction Connector
L (LHD *8)
W (LHD *8)
12
1
13
2
E68 Junction Connector
L (LHD *8)
SB (LHD *8)
SB (LHD *8)
L (LHD *8)
10 FE4
20 FE4
SB (LHD)
L (LHD)
L (LHD *9)
SB (LHD *9)
6
17
7
18
F73 Junction Connector
SB (LHD)
L (LHD)
1 FE4
11 FE4
SB (LHD *9)
L (LHD *9)
SB(LHD *9)
L(LHD *9)
L(LHD *9)
SB(LHD *9)
* 8 : w/ VSC
* 9 : w/o VSC


V
R
R
LG
L(LHD ∗8)
SB(LHD ∗8)
SB(LHD ∗8)
L(LHD ∗8)
V
R
R
LG
L(LHD ∗9)
V(LHD ∗9)
L(LHD ∗8)
L(RHD)
SB(LHD ∗8)
SB(RHD)
13
2
16
5
E74
Junction
Connector
L(RHD)
L(LHD ∗8)
SB(RHD)
SB(LHD ∗8)
L (RHD)
V (RHD)
L (LHD ∗8)
V (LHD ∗8)
L (LHD ∗9)
V (LHD ∗9)
12
13
CA2L
CA2H
CA1L
CA1H
E31
Network Gateway ECU
15
16
2 AE3
1 AE3
32 EA1
31 EA1
L (RHD)
V (RHD)
L (LHD)
V (LHD)
B
BE
3 AA1
4 AA1
L
V
25 A
11 A
CANL
CANH
A24(A)
Skid Control ECU
with Actuator Assembly
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
V
LG
B
L
B
W
R
G
Speed Sensors
BE
B
SB(LHD ∗9)
L(LHD ∗9)
L(LHD ∗9)
SB(LHD ∗9)
SB(LHD ∗9)
L(LHD ∗9)
L(LHD ∗9)
SB(LHD ∗9)


V
R
R
LG
L(LHD ∗9)
V(LHD ∗9)
E69
Junction Connector
E72
Junction Connector
3
14
15
4
1
12
3
14
13
2
SB
(RHD)
B
(RHD)
BE
B
L(LHD ∗9)
B(LHD ∗8)
SB(LHD ∗9)
SB(LHD ∗8)
SB
(RHD)
B
(RHD)
B
P
11 EA3 10 EA3 (LHD)
11 EA1 10 EA1 (RHD)
11 A 10 A (LHD ∗7, ∗5)
11 D 10 D (RHD ∗7)
49 A 41 A (LHD ∗6)
49 D 41 D (RHD ∗6)
CANL
CANH
P
2 B (LHD ∗7, ∗5)
2 C (RHD ∗7)
31 B (LHD ∗6)
31 C (RHD ∗6)
A38(A), A52(D),
C45(B), C46(C)
ECM
∗ 5 : 3UR–FE
∗ 6 : 1VD–FTV
∗ 7 : 1UR–FE
∗ 8 : w/ VSC
∗ 9 : w/o VSC
G–B
SB(LHD ∗8)
B(LHD ∗8)
B(RHD)
BE
B
SB(LHD ∗9)
L(LHD ∗9)
L(LHD ∗9)
SB(LHD ∗9)
SB(LHD ∗9)
L(LHD ∗9)
SB
(RHD)

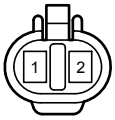

V
R
R
LG
L(LHD *9)
V
(LHD *9)
(IG)
10A
BK/UP LP
23 2B
G
25 CA3
G
2
C24
Park/Neutral
Position Switch
PL
RB
P
6
G–B
6 B
C44(B)
Junction
Connector
5 B
G–B
SB(LHD *8)
B(LHD *8)
B(RHD)
SB(LHD *9)
L(LHD *9)
SB
(RHD)
V(LHD *9)
L(LHD *9)
5
16
E75
Junction Connector
1
12
4
15
SB(LHD *8)
SB(LHD *9)
B(LHD *8)
L(LHD *9)
SB
(LHD)
B
(LHD)
LG
R
R
V
1 D
2 D
2 C
1 C
Y(RHD)
R(RHD)
Y
(RHD)
R
(RHD)
73 EL1
74 EL1
Y
(RHD)
R
(RHD)
1 B
2 B
L29(A), L30(B), L54(C), L57(D)
Junction
Connector
1 A
2 A
LG
(RHD)
GR
(RHD)
2 KL1
3 KL1
W
(RHD)
R
(RHD)
19 EK2
29 EK2
W
(RHD)
R
(RHD)
R(RHD)
W(RHD)
B(RHD)
B(LHD)
SB(LHD)
SB(RHD)


Y(RHD)
R(RHD)
GR(LHD)
R(LHD)
R(RHD)
GR(RHD)
R (RHD)
Y (RHD)
GR (LHD)
R (LHD)
18
7
6
17
E76
Junction
Connector
2
13
LG
R
27 A
28 A
CANH
CANL
E29(A)
Certification ECU Assembly
BZR
RC0
RDA
RSSI
21 A
29 A
38 A
39 A
LG
B
LG
L
21 EA1
17 FE3
16 FE3
18 FE3
LG
B
LG
L
10 FL2
9 FL2
11 FL2
B
LG
L
1
4
5
2
+5
DATA
RSSI
GND
A20
Wireless Door
Lock Buzzer
2
1
L21
Door Control
Receiver
R (RHD)
GR (RHD)
14
3
12
1
E73
Junction
Connector
R (RHD)
W (RHD)
R(RHD)
W(RHD)
W–B
W–B
B(RHD)
B(LHD)
SB(LHD)
SB(RHD)
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B(LHD)
SB(LHD)
SB(RHD)
A3
L2

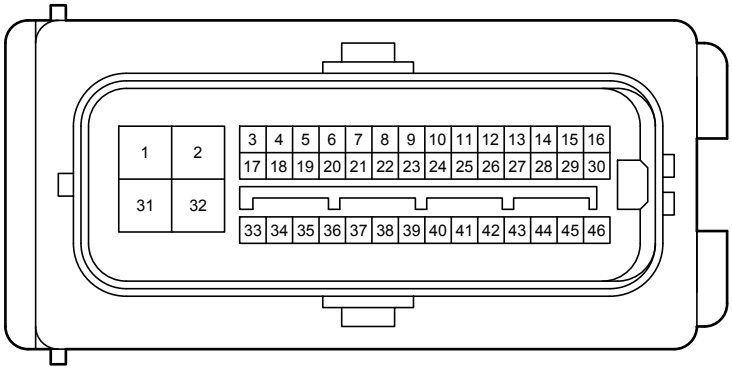


*10 : LHD Before Aug. 2013 Production, RHD
*11 : LHD From Aug. 2013 Production

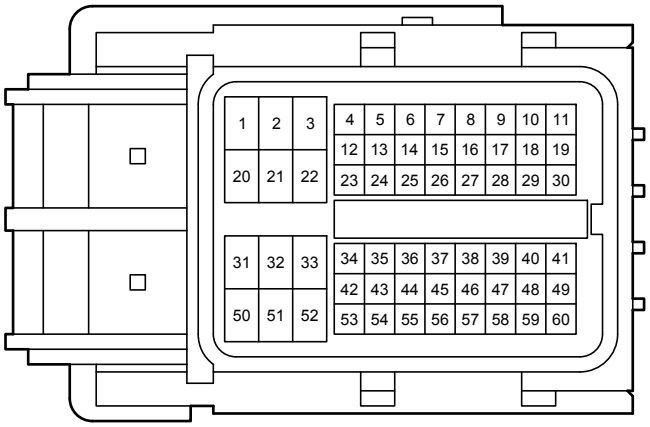
A 20
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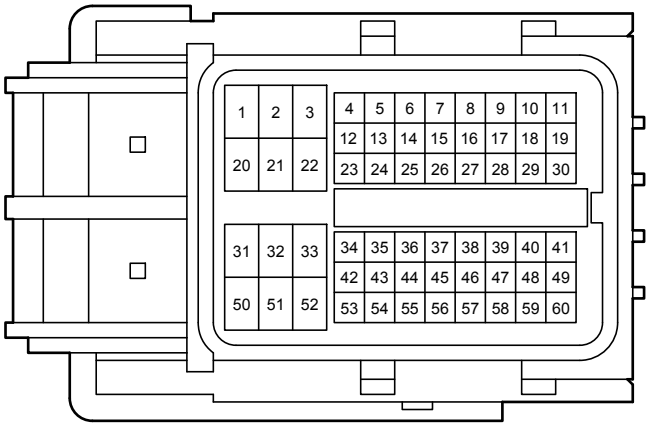
A 24
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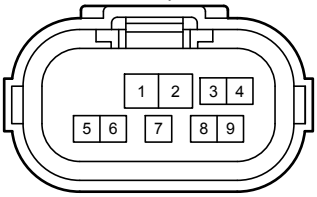
A 38
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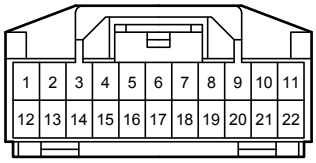
A 52
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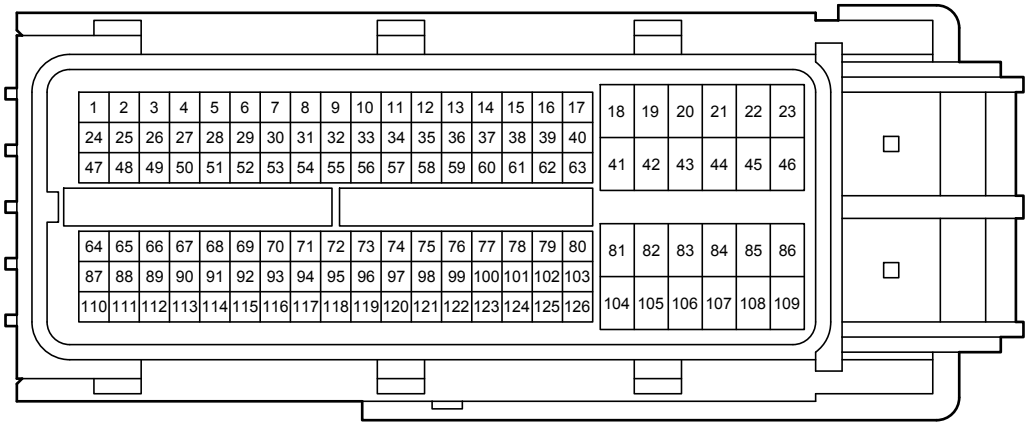
C 24
Gray



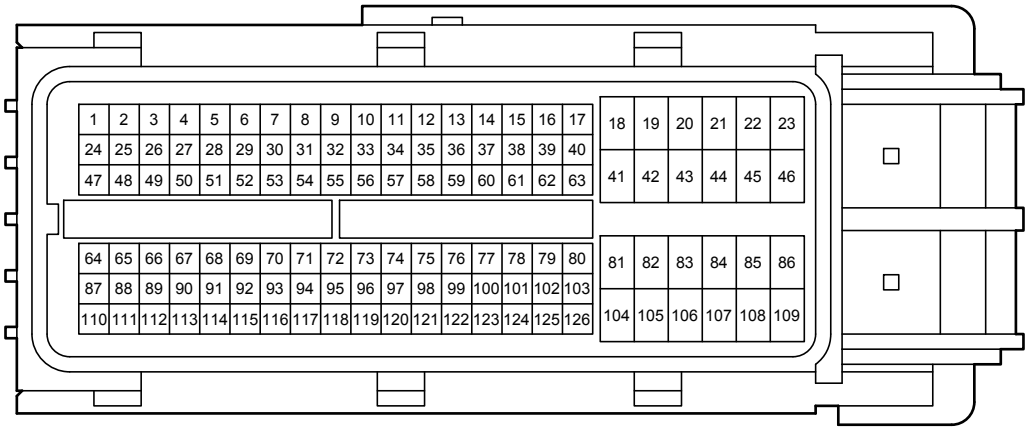
C 44
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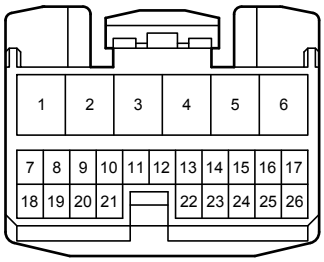
C 45
Black



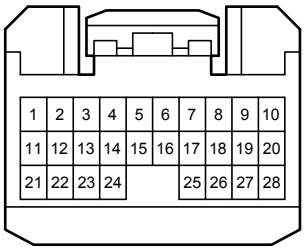
C 46
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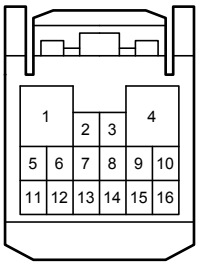
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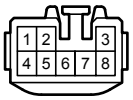
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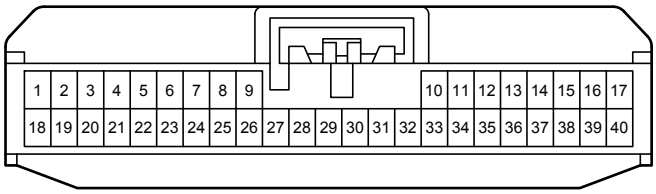
E 3
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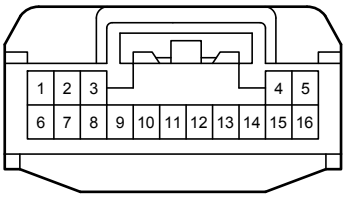
E 19
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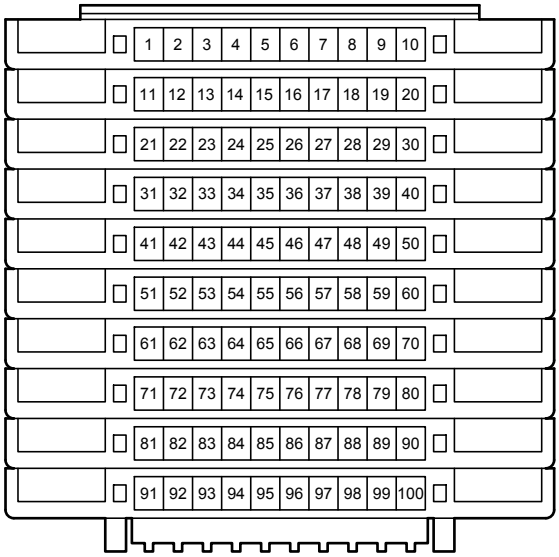
E 29
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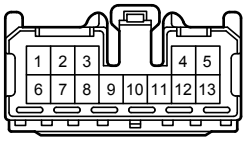
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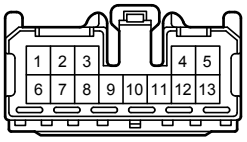
E 59



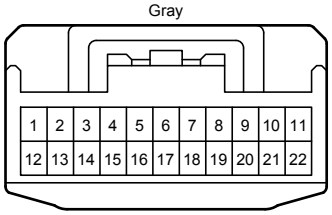
E 62
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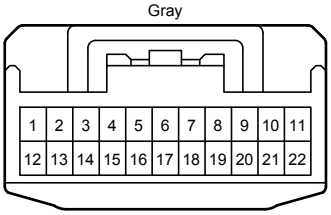
E 67
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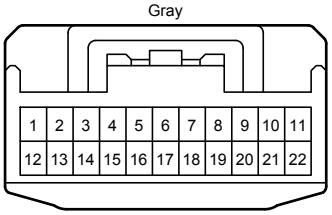
E 68
Gray



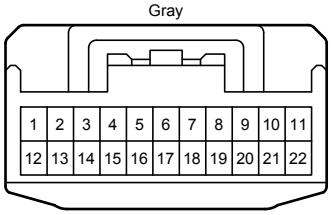
E 69
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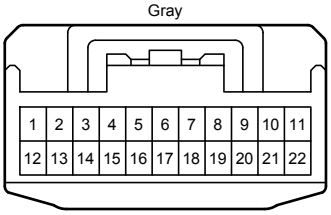
E 71
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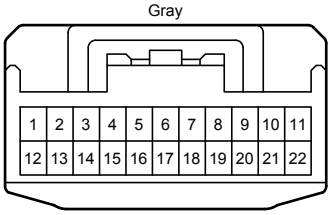
E 72
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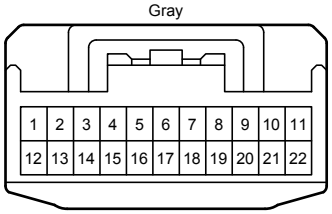
E 73
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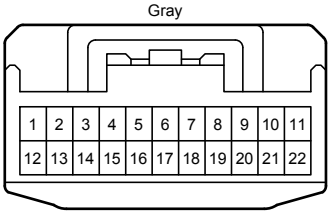
E 74
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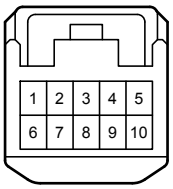
E 75
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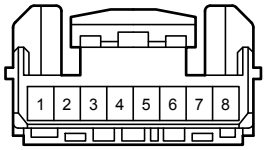
E 76
Gray



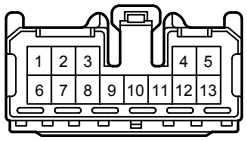
E104
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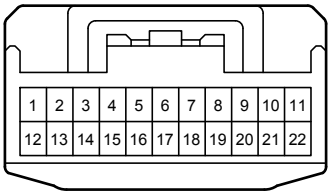
E105
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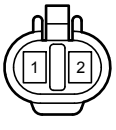
E115
White



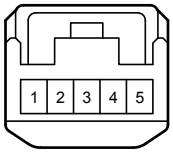
F 73
Blue



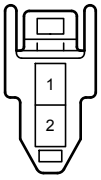
K 47
Black



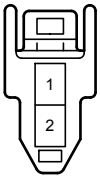
L 21
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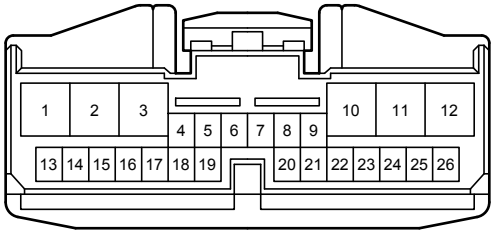
L 29
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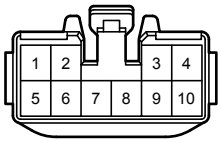
L 30
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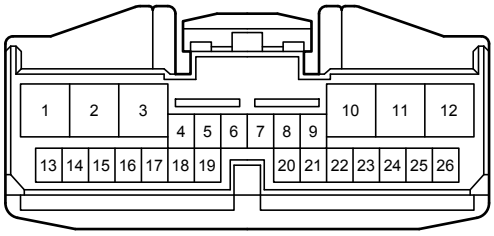
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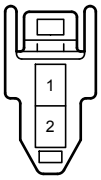
L 51
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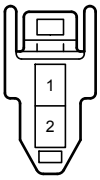
L 52
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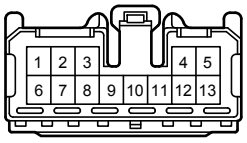
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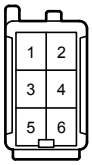
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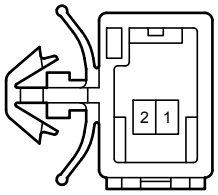
S 15
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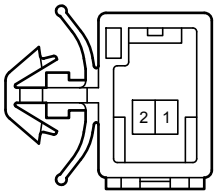
S 22
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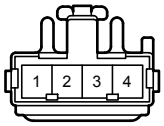
S 23
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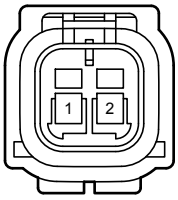
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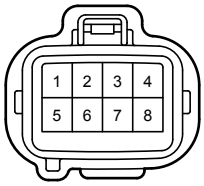
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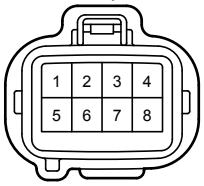
h 3
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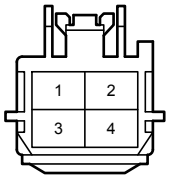
h 4
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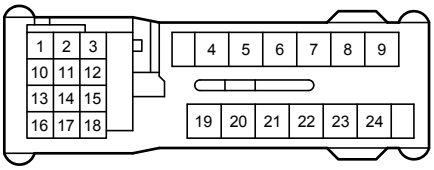
h 5
Gray



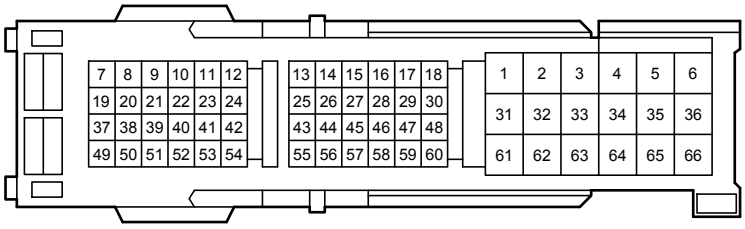
1H
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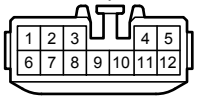
2B
White



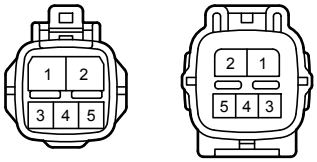
2D
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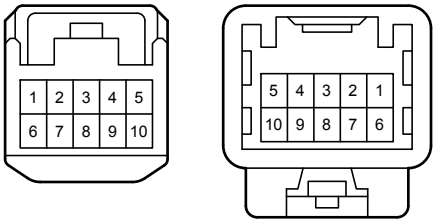
3B
Gray



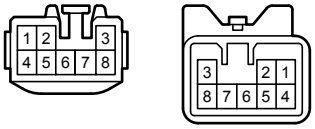
AA1
Gray



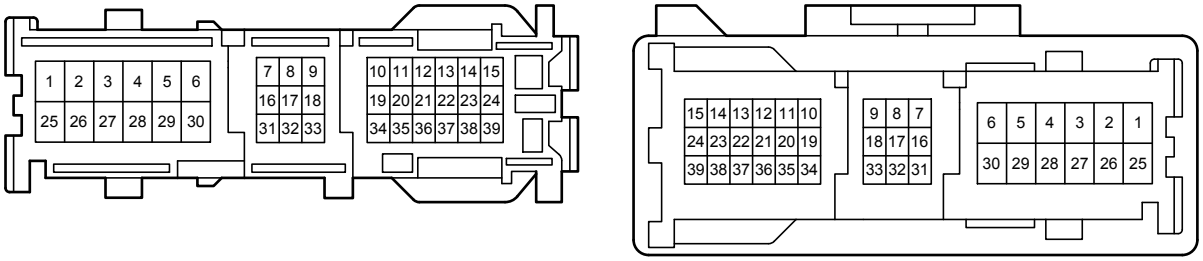
AE3
Gray



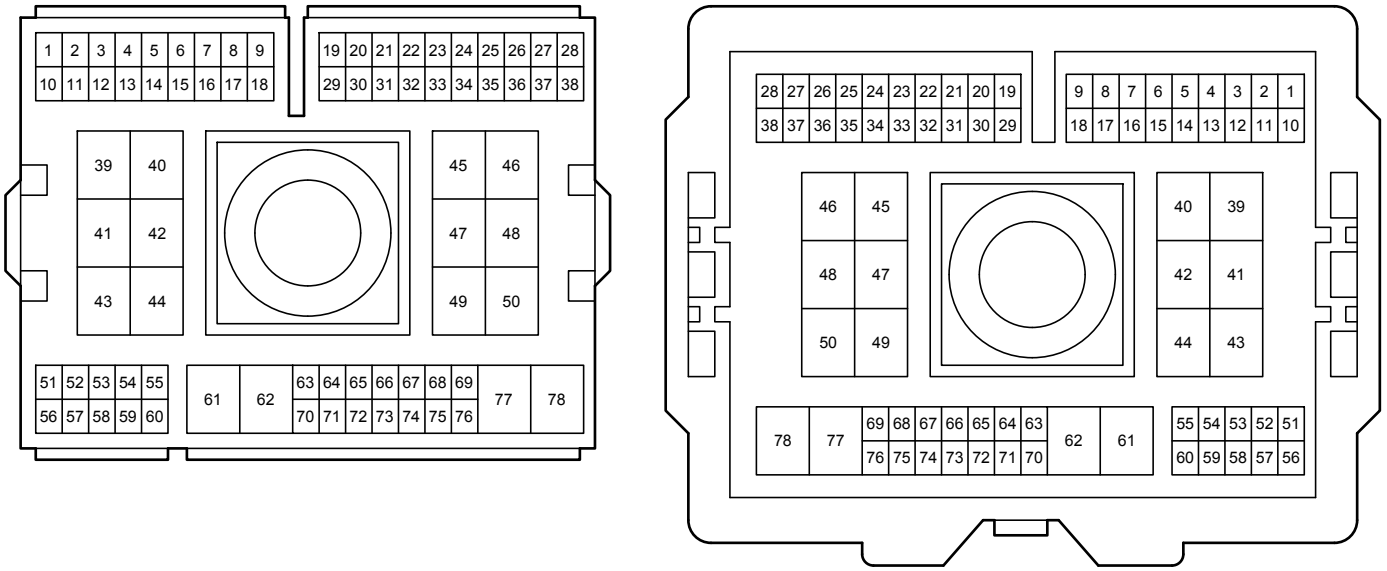
AL1
White



CA3
White



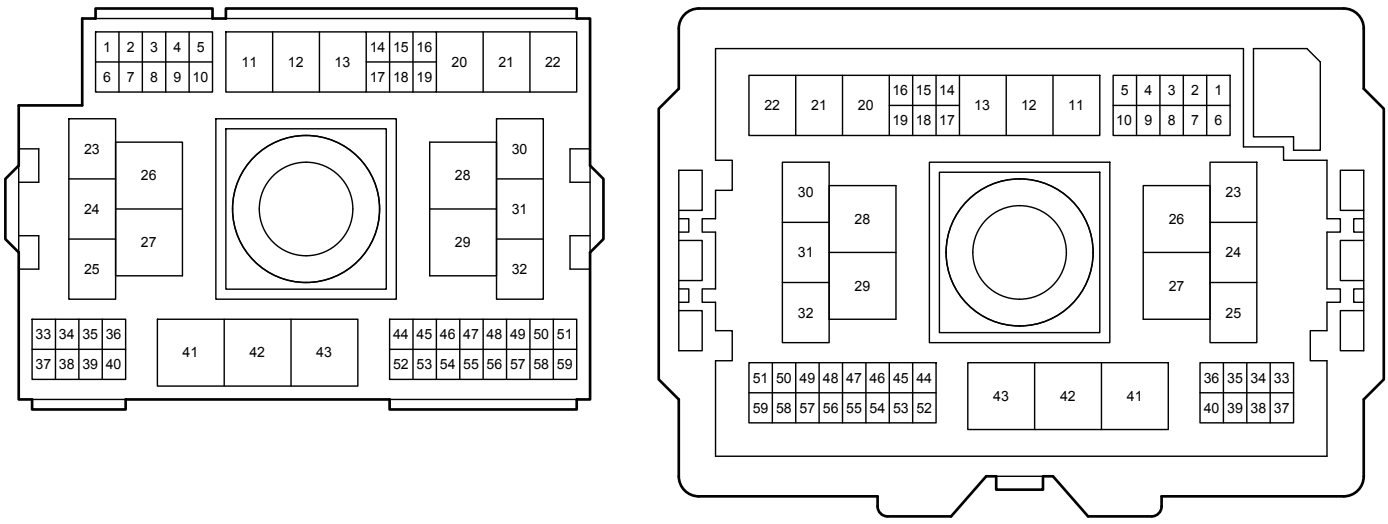
EA1
White



EA2

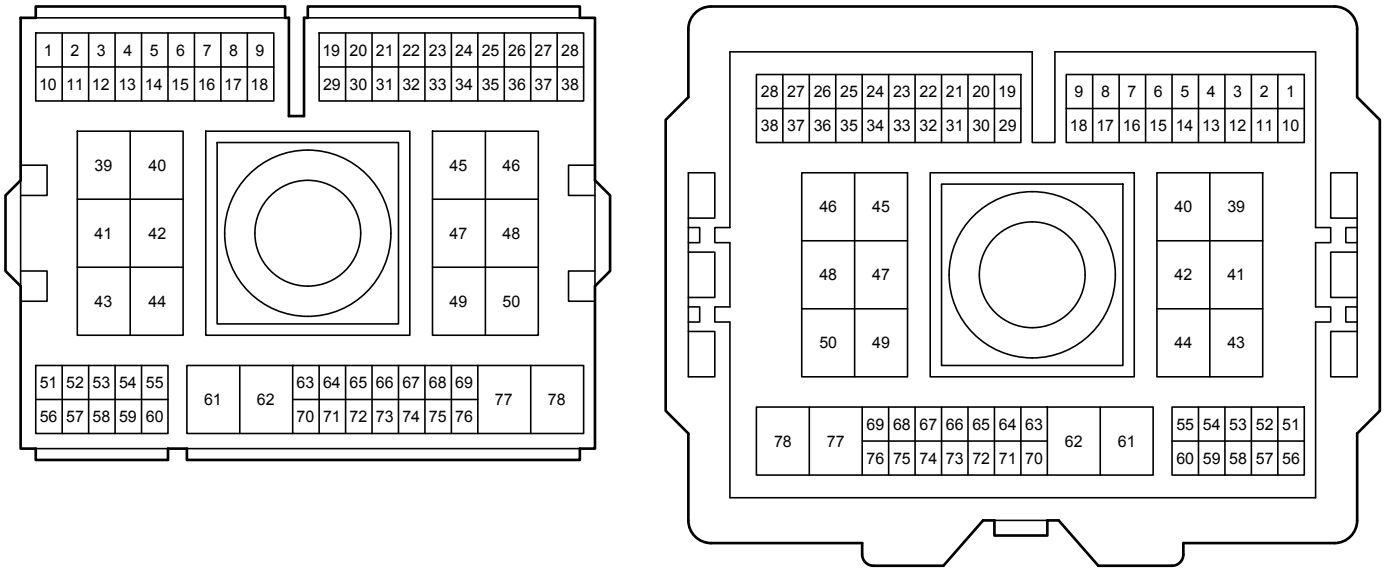
White

Gray

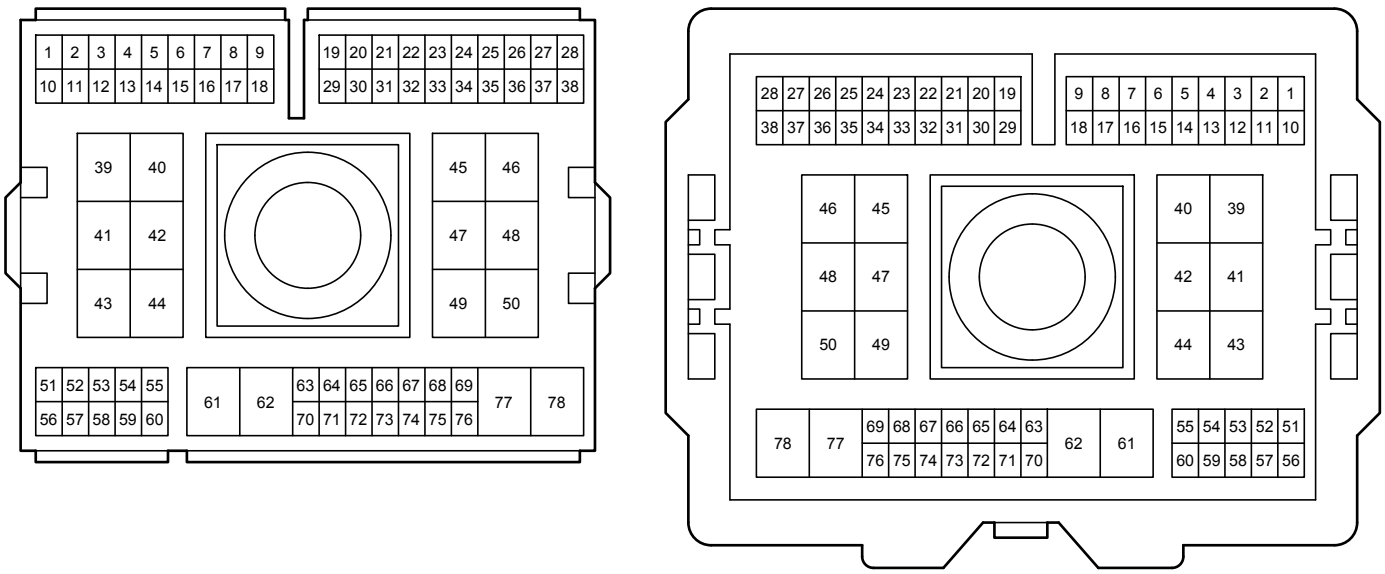


EA3

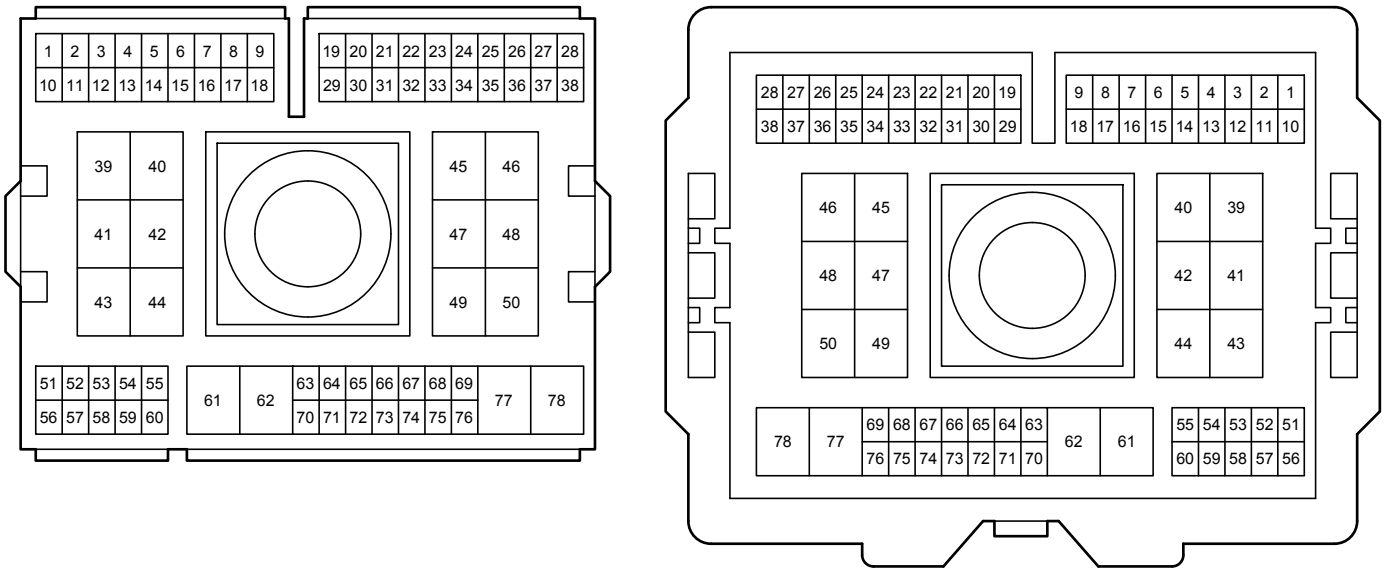
White



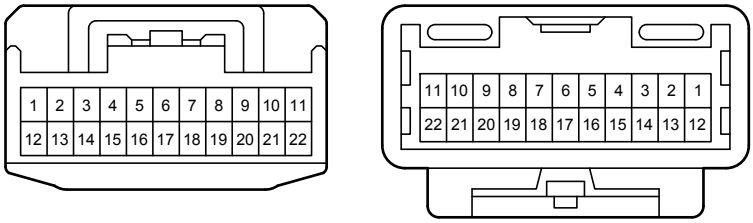
EK2
White



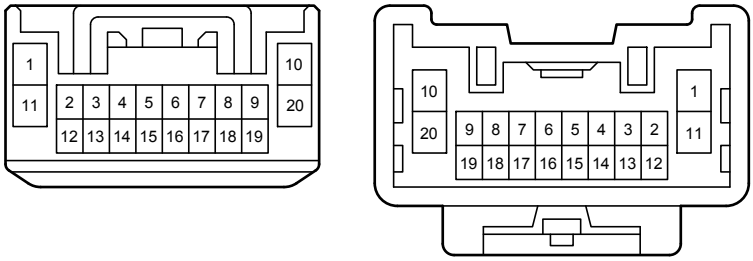
EL1
White



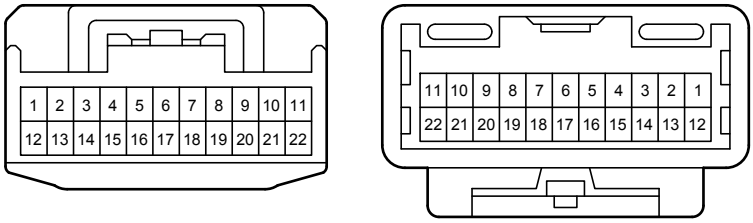
FE3
White



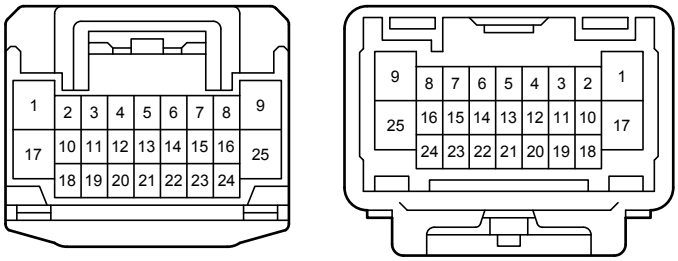
FE4
White



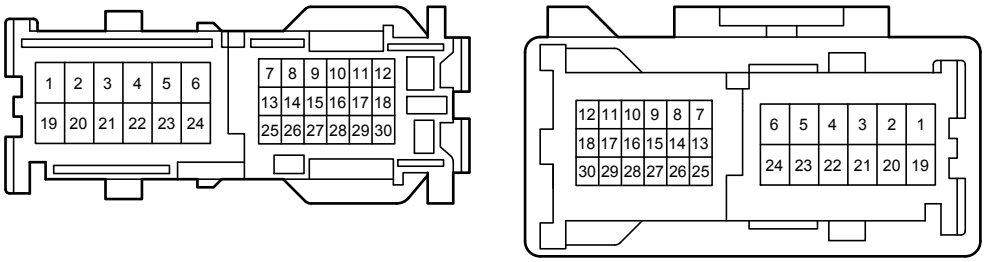
FL2
Blue

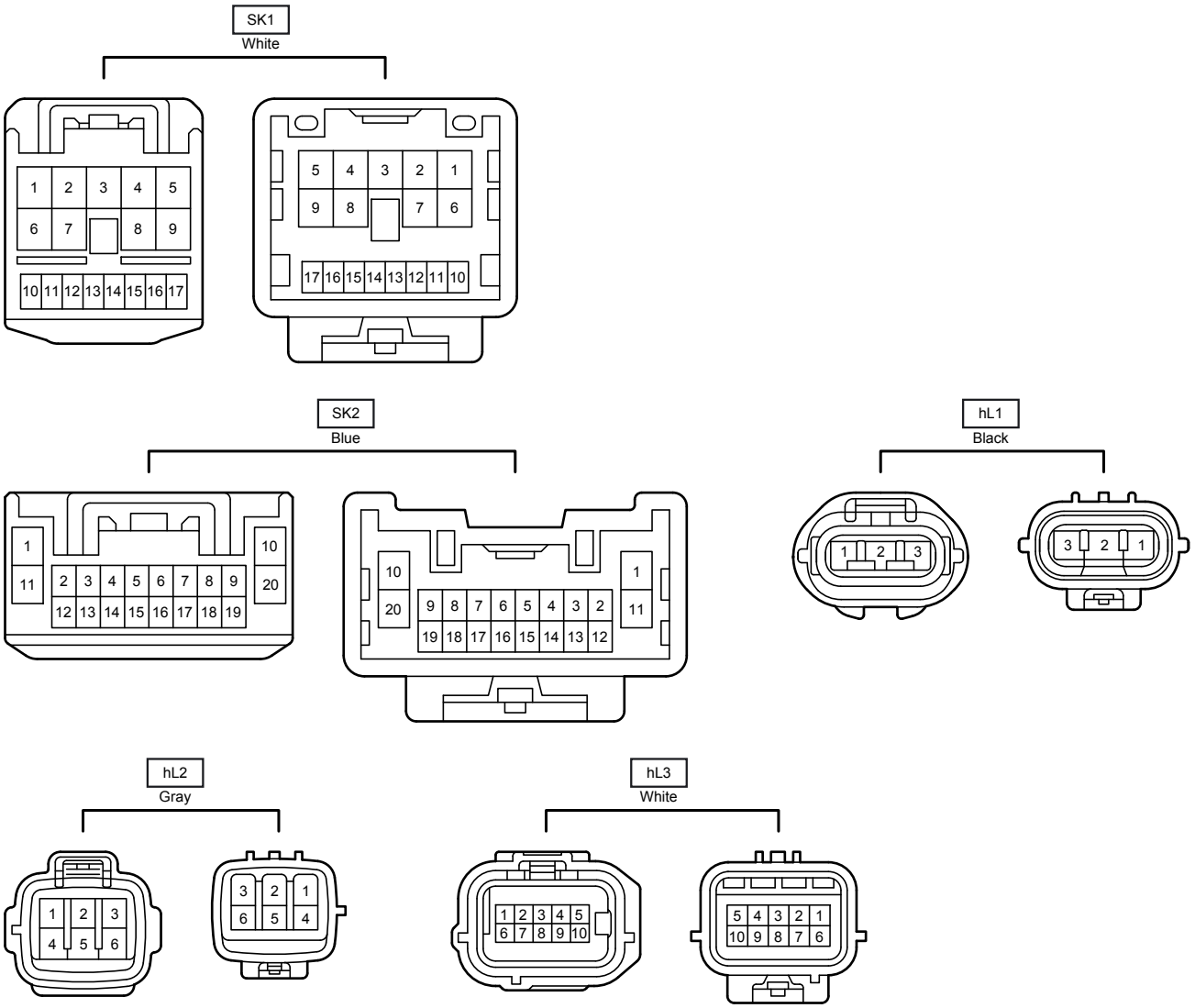


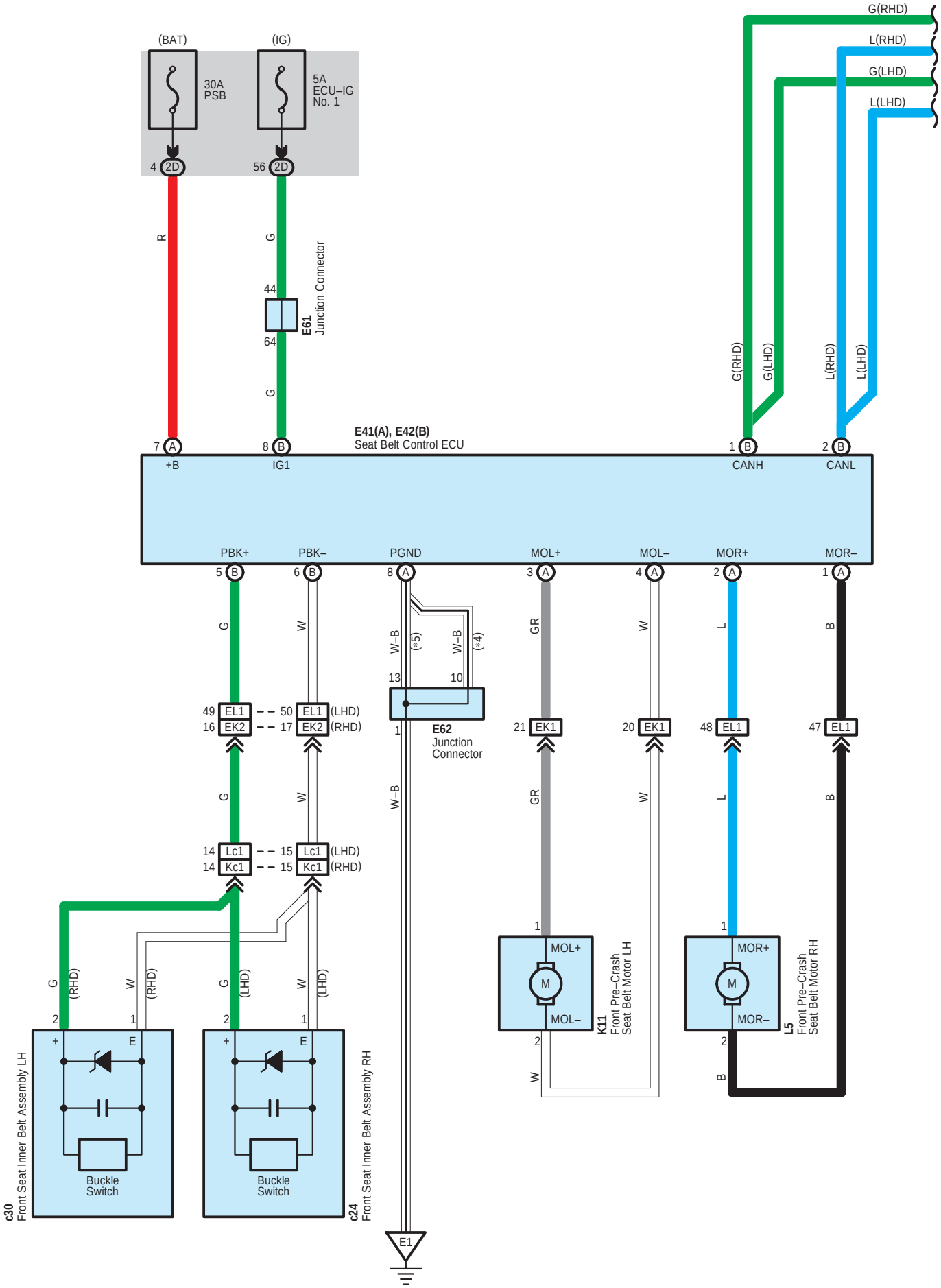
KL1
White



KL2
White

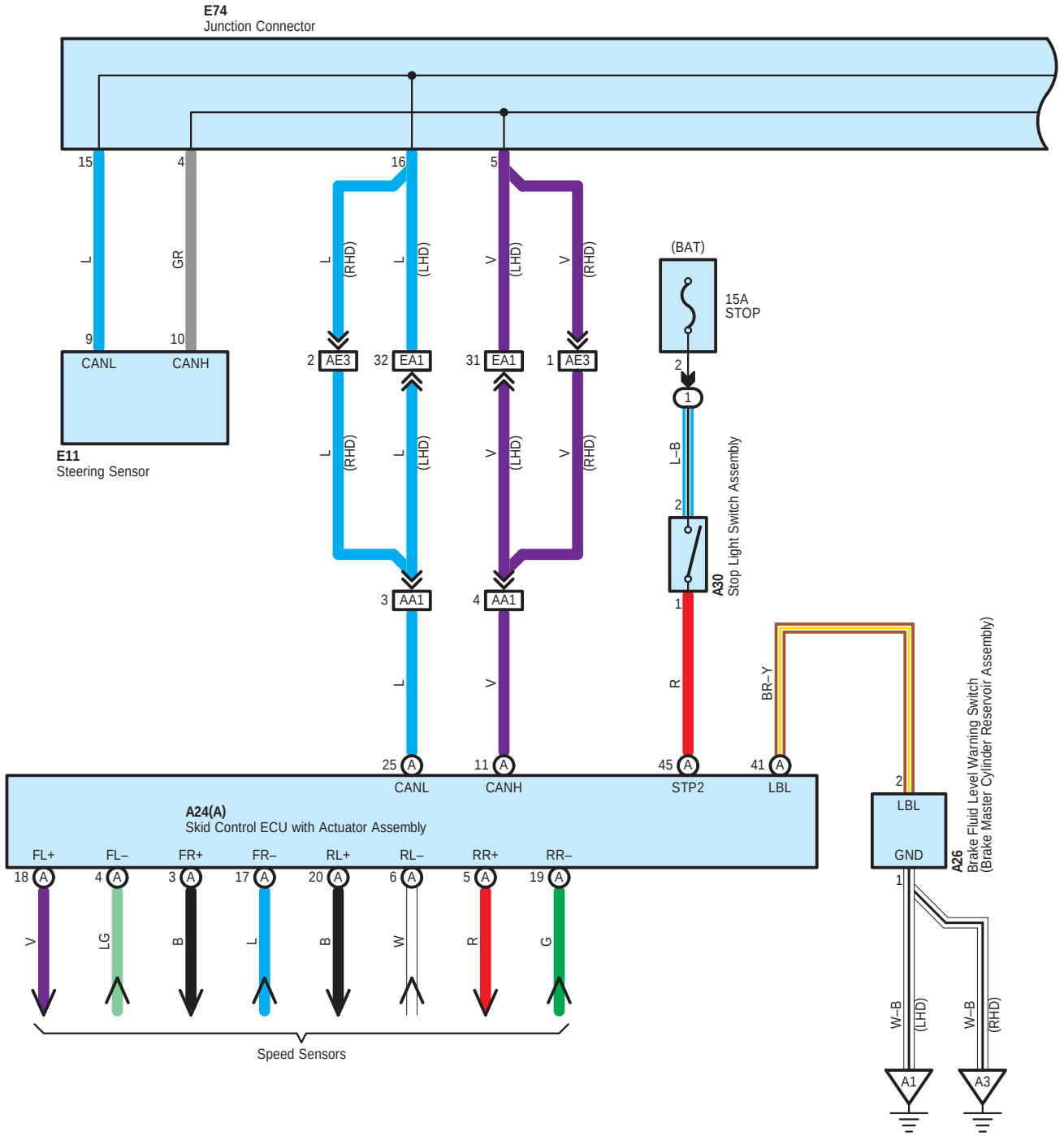


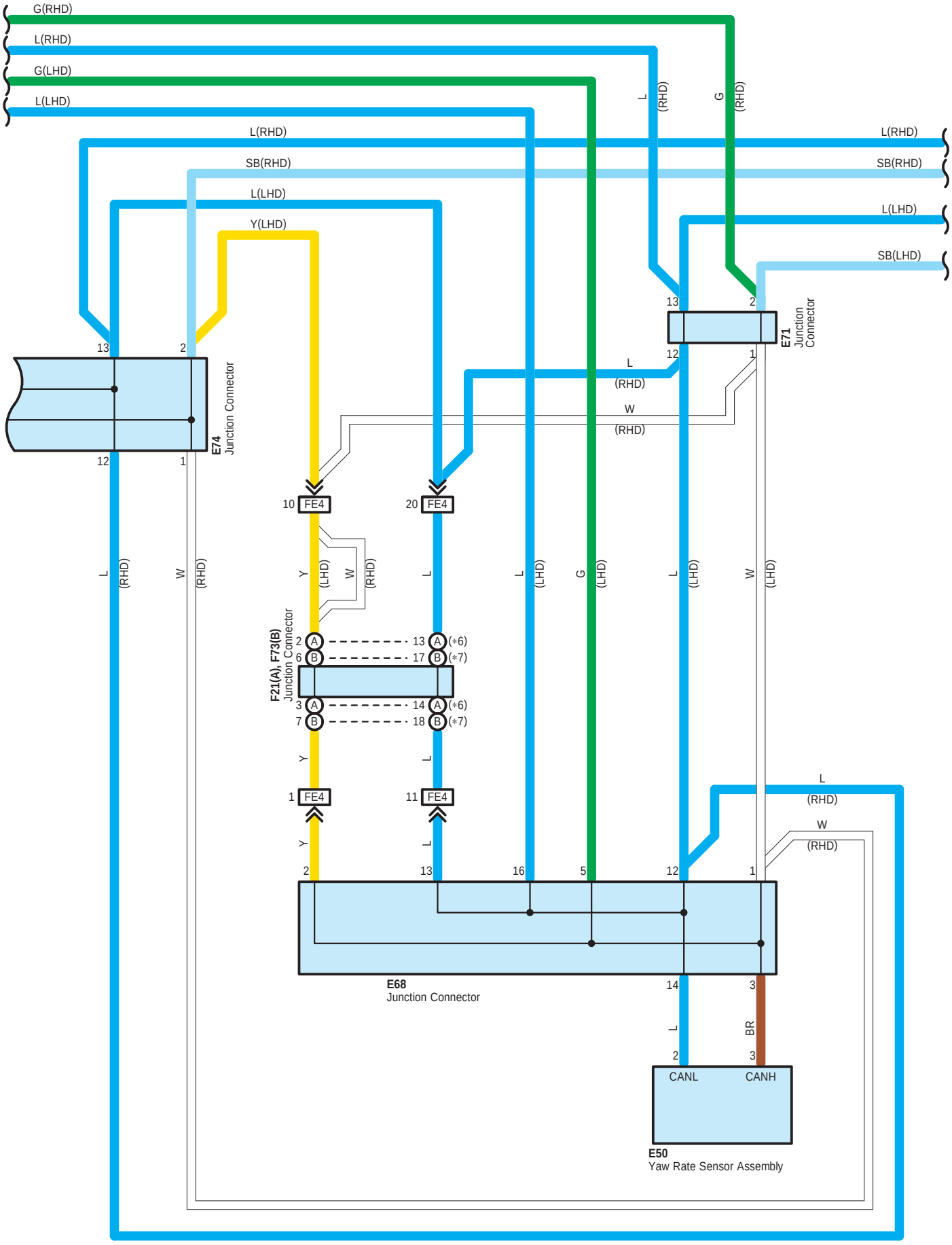

SK1
White
1 2 3 4 5
6 7 8 9
10 11 12 13 14 15 16 17
5 4 3 2 1
9 8 7 6
17 16 15 14 13 12 11 10
SK2
Blue
1 10
11 20
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10 1
20 11
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
hL1
Black
1 2 3
3 2 1
hL2
Gray
1 2 3
4 5 6
3 2 1
6 5 4
hL3
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6


(BAT)
(IG)
30A
PSB
5A
ECU–IG
No. 1
4 2D
56 2D
R
G
44
E61
Junction Connector
64
G
G(RHD)
L(RHD)
G(LHD)
L(LHD)
E41(A), E42(B)
Seat Belt Control ECU
7 A
+B
8 B
IG1
1 B
CANH
2 B
CANL
PBK+
PBK–
PGND
MOL+
MOL–
MOR+
MOR–
5 B
6 B
8 A
3 A
4 A
2 A
1 A
W–B
(*5)
(*4)
13
10
E62
Junction
Connector
1
GR
W
L
B
49 EL1
16 EK2
50 EL1 (LHD)
17 EK2 (RHD)
21 EK1
20 EK1
48 EL1
47 EL1
14 Lc1
14 Kc1
15 Lc1 (LHD)
15 Kc1 (RHD)
(RHD)
(LHD)
2
1
+
E
Buckle
Switch
c30
Front Seat Inner Belt Assembly LH
c24
Front Seat Inner Belt Assembly RH
M
MOL+
MOL–
K11
Front Pre–Crash
Seat Belt Motor LH
MOR+
MOR–
L5
Front Pre–Crash
Seat Belt Motor RH
E1

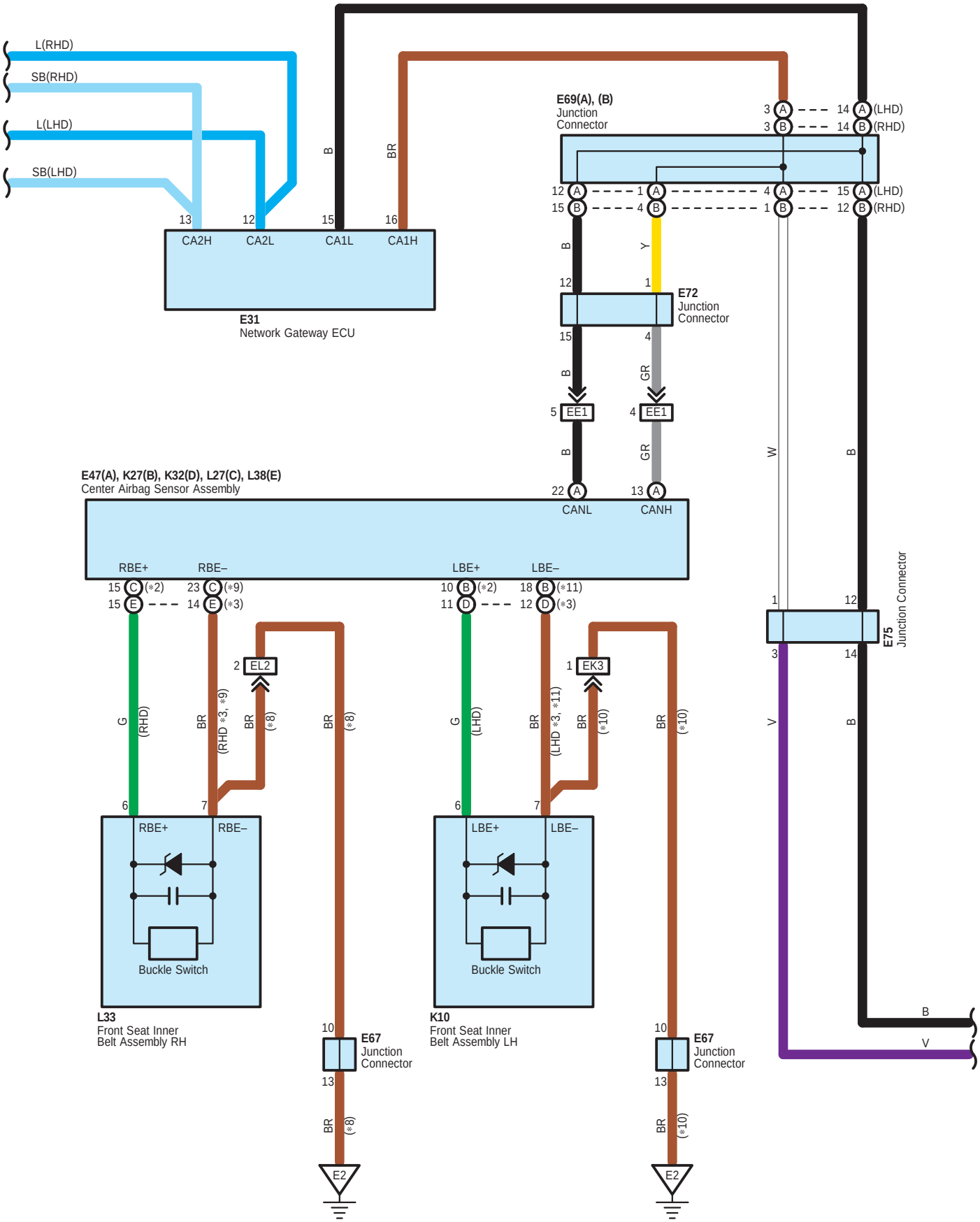


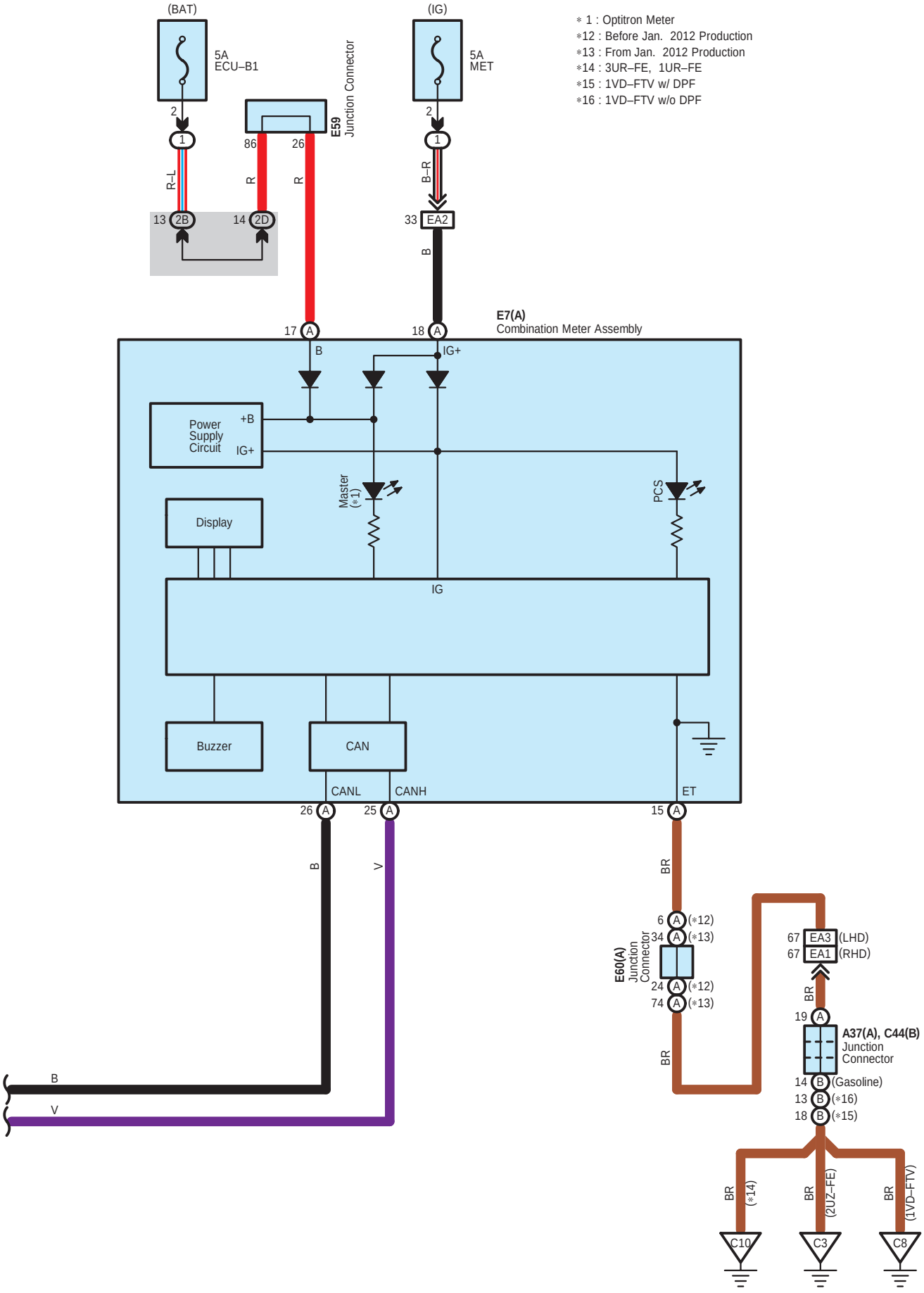
* 4 : Before Jan. 2012 Production, From Jan. 2012 Production LHD
* 5 : From Jan. 2012 Production RHD



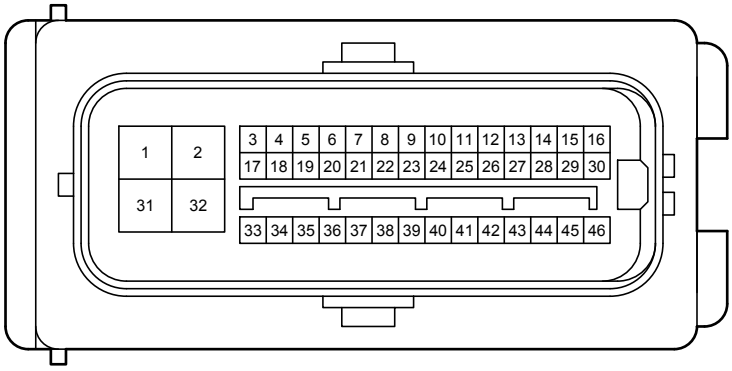

G(RHD)
L(RHD)
G(LHD)
L(LHD)
L(RHD)
SB(RHD)
L(LHD)
Y(LHD)
L(RHD)
G(RHD)
L(RHD)
SB(RHD)
L(LHD)
SB(LHD)
13
2
E74
Junction Connector
12
1
13
2
E71
Junction Connector
12
1
L
(RHD)
W
(RHD)
10 FE4
20 FE4
L (RHD)
W (RHD)
Y (LHD)
W (RHD)
L
L (LHD)
G (LHD)
L (LHD)
W (LHD)
F21(A), F73(B)
Junction Connector
2 A
6 B
13 A (*6)
17 B (*7)
3 A
7 B
14 A (*6)
18 B (*7)
Y
L
1 FE4
11 FE4
Y
L
2
13
16
5
12
1
L
(RHD)
W
(RHD)
E68
Junction Connector
14
3
L
BR
2
3
CANL
CANH
E50
Yaw Rate Sensor Assembly

∗ 2 : w/ Curtain Shield Airbag
∗ 3 : w/o Curtain Shield Airbag
∗ 6 : Before Jan. 2012 Production
∗ 7 : From Jan. 2012 Production
∗ 8 : RHD Before Jan. 2012 Production
∗ 9 : RHD From Jan. 2012 Production
∗10 : LHD Before Jan. 2012 Production
∗11 : LHD From Jan. 2012 Production

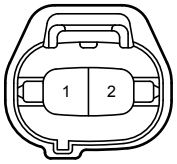



(BAT)
5A
ECU–B1
2
1
R–L
13 2B
E59
Junction Connector
86
26
R
R
14 2D
(IG)
5A
MET
2
1
B–R
33 EA2
B
∗ 1 : Optitron Meter
∗12 : Before Jan. 2012 Production
∗13 : From Jan. 2012 Production
∗14 : 3UR–FE, 1UR–FE
∗15 : 1VD–FTV w/ DPF
∗16 : 1VD–FTV w/o DPF
E7(A)
Combination Meter Assembly
17 A
18 A
B
IG+
Power
Supply
Circuit
+B
IG+
Master
(∗1)
PCS
Display
IG
Buzzer
CAN
CANL
CANH
ET
26 A
25 A
15 A
B
V
BR
6 A (∗12)
34 A (∗13)
E60(A)
Junction
Connector
24 A (∗12)
74 A (∗13)
BR
67 EA3 (LHD)
67 EA1 (RHD)
BR
19 A
A37(A), C44(B)
Junction
Connector
14 B (Gasoline)
13 B (∗16)
18 B (∗15)
BR
(∗14)
C10
BR
(2UZ–FE)
C3
BR
(1VD–FTV)
C8
B
V

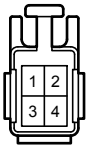
A 24
Black



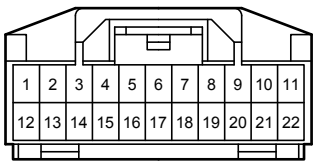
A 26
Gray



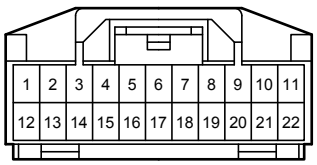
A 30
Gray



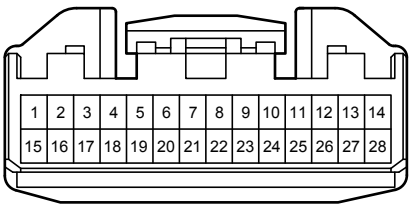
A 37
Blue



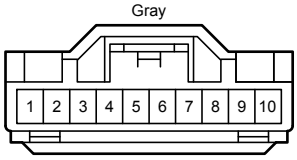
C 44
Blue



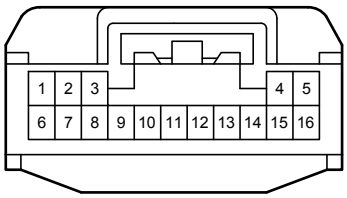
E 7
White



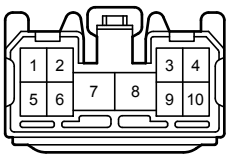
E 11
Gray



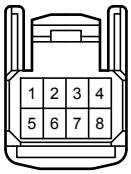
E 31
White



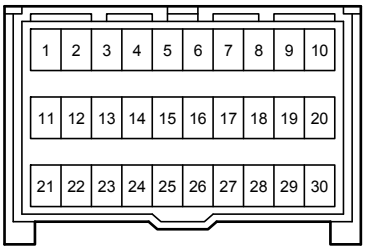
E 41
White



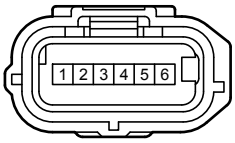
E 42
White



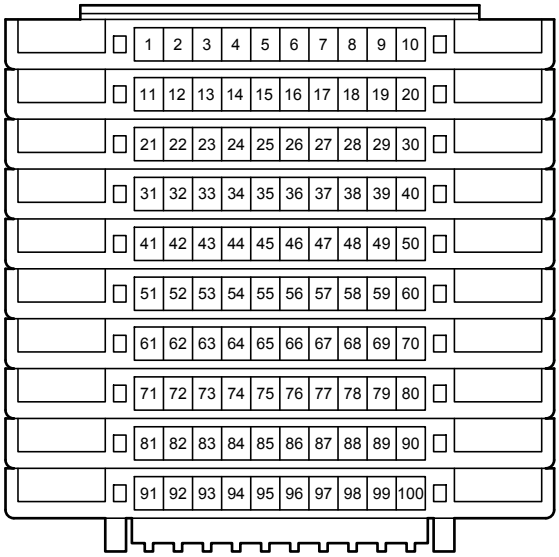
E 47
Yellow



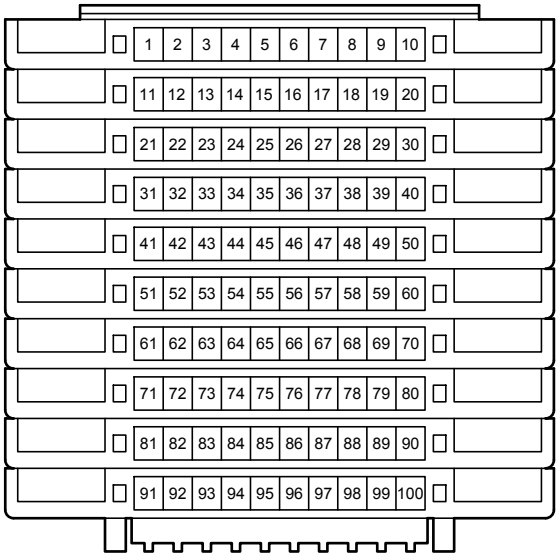
E 50
Black



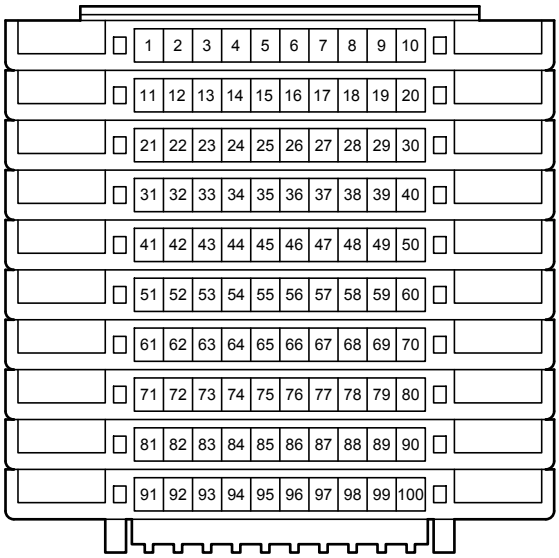
E 59



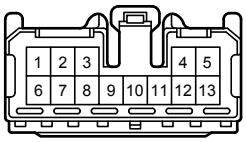
E 60



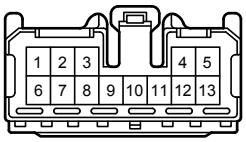
E 61



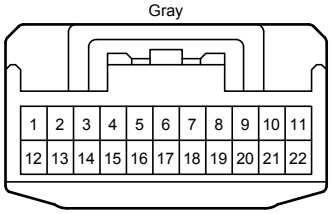
E 62
White



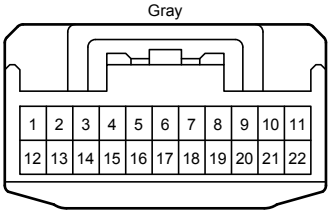
E 67
White



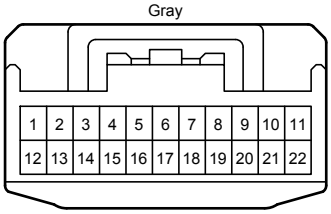
E 68
Gray



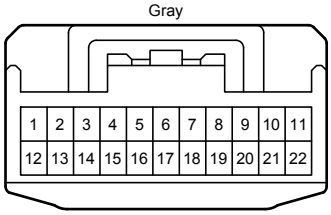
E 69
Gray



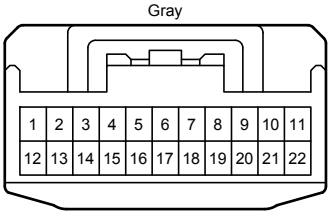
E 71
Gray



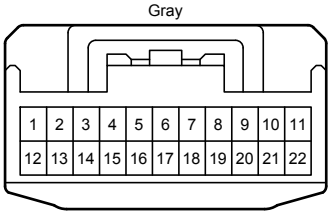
E 72
Gray



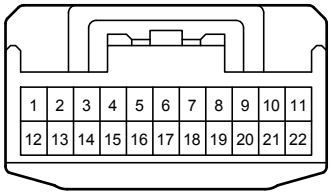
E 74
Gray



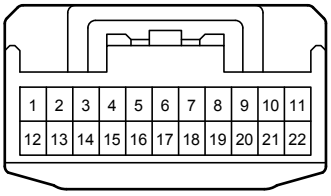
E 75
Gray



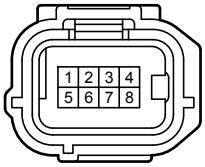
F 21
Black



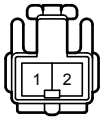
F 73
Blue



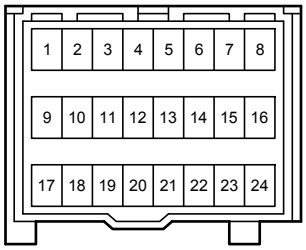
K 10
Gray



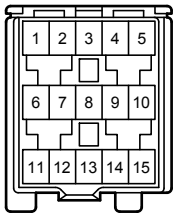
K 11
White



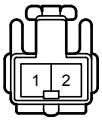
K 27
Yellow



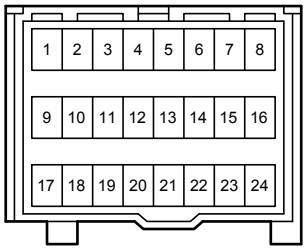
K 32
Yellow



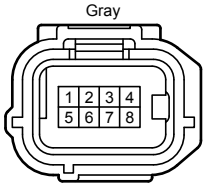
L 5
White



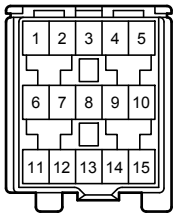
L 27
Yellow



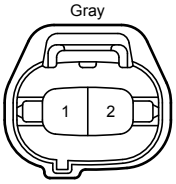
L 33
Gray



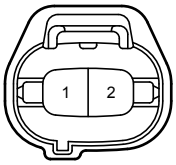
L 38
Yellow



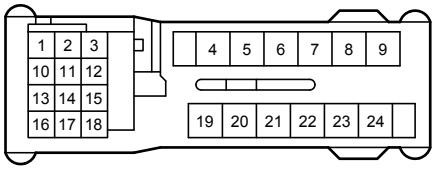
c 24
Gray



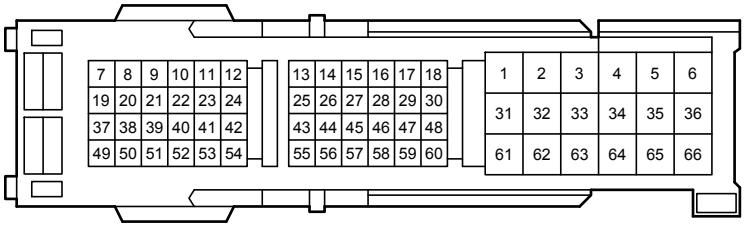
c 30
White



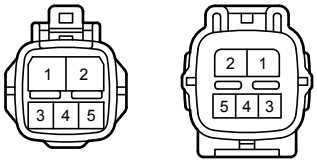
2B
White



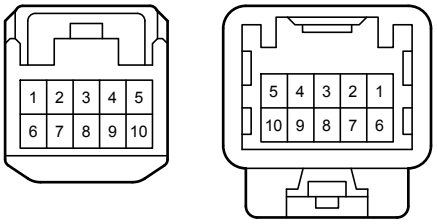
2D
White



AA1
Gray

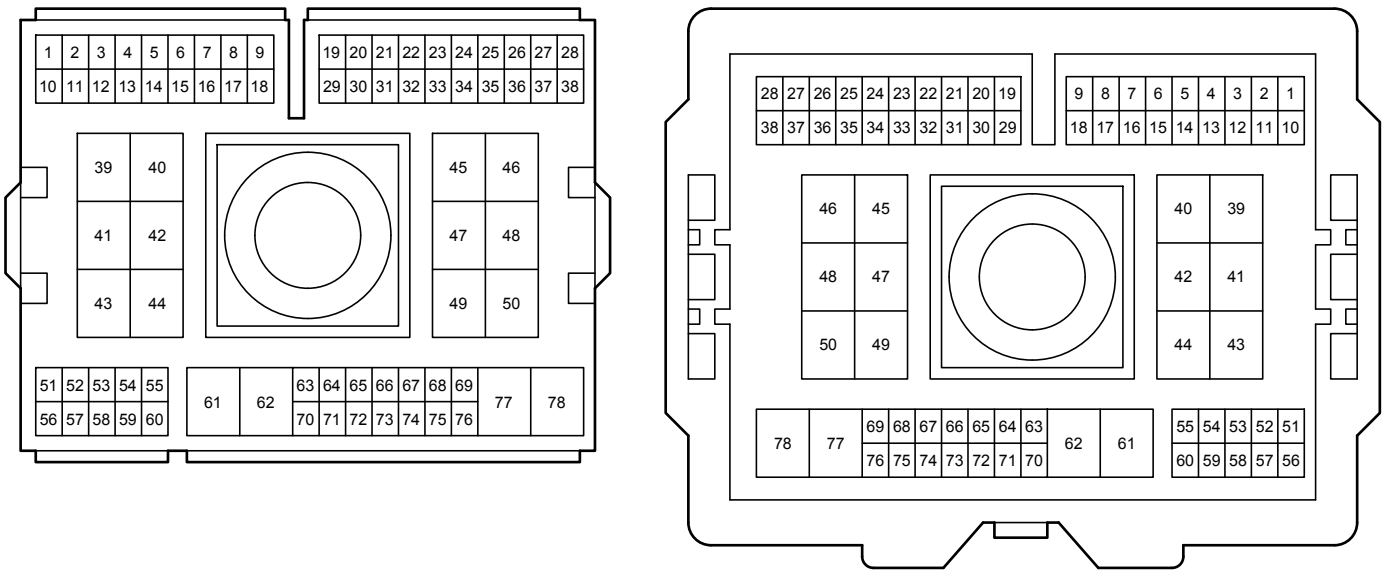


AE3
Gray



EA1

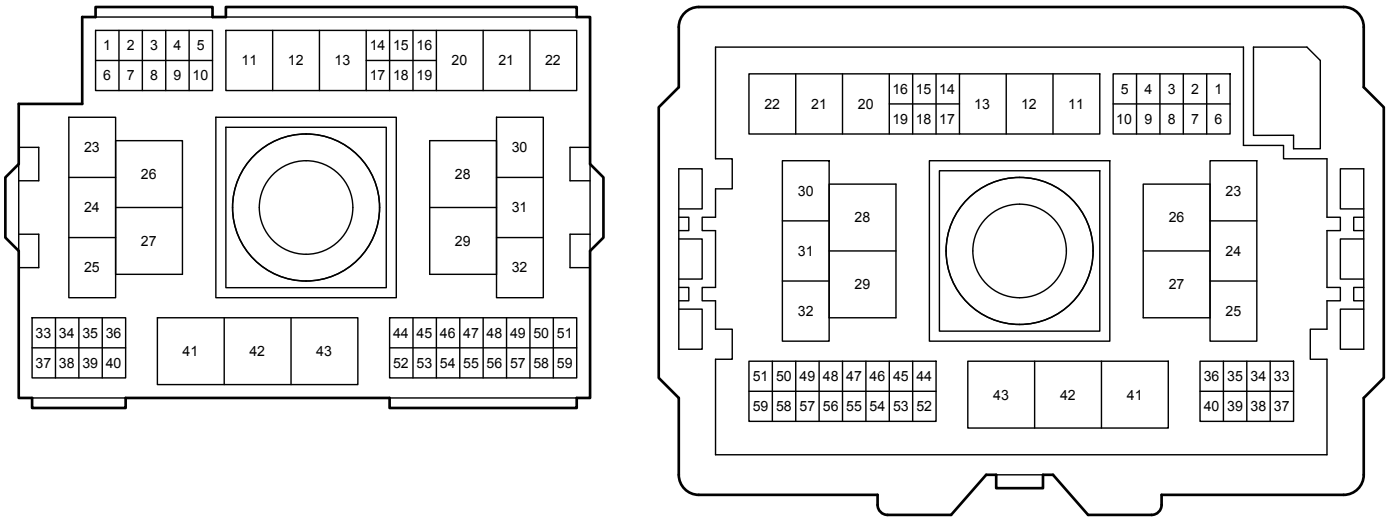
White



EA2

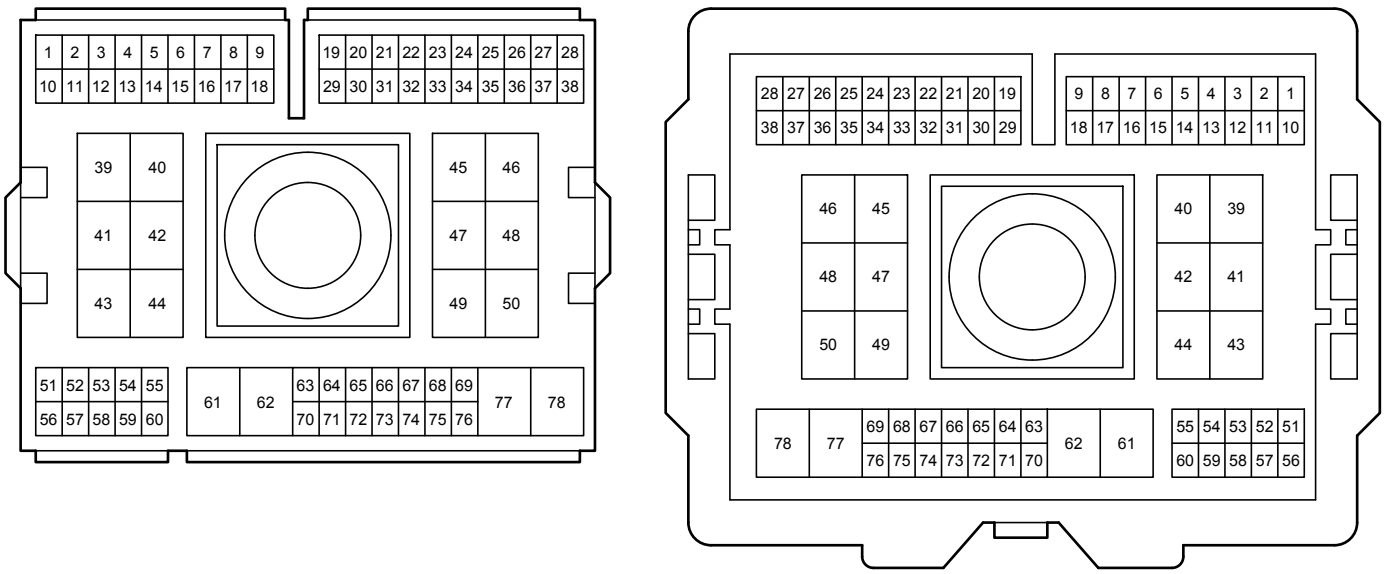
White

Gray



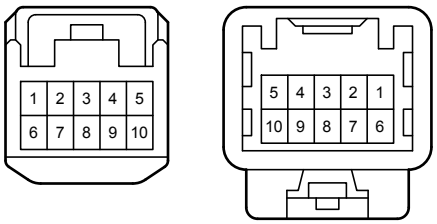
EA3

White



EE1

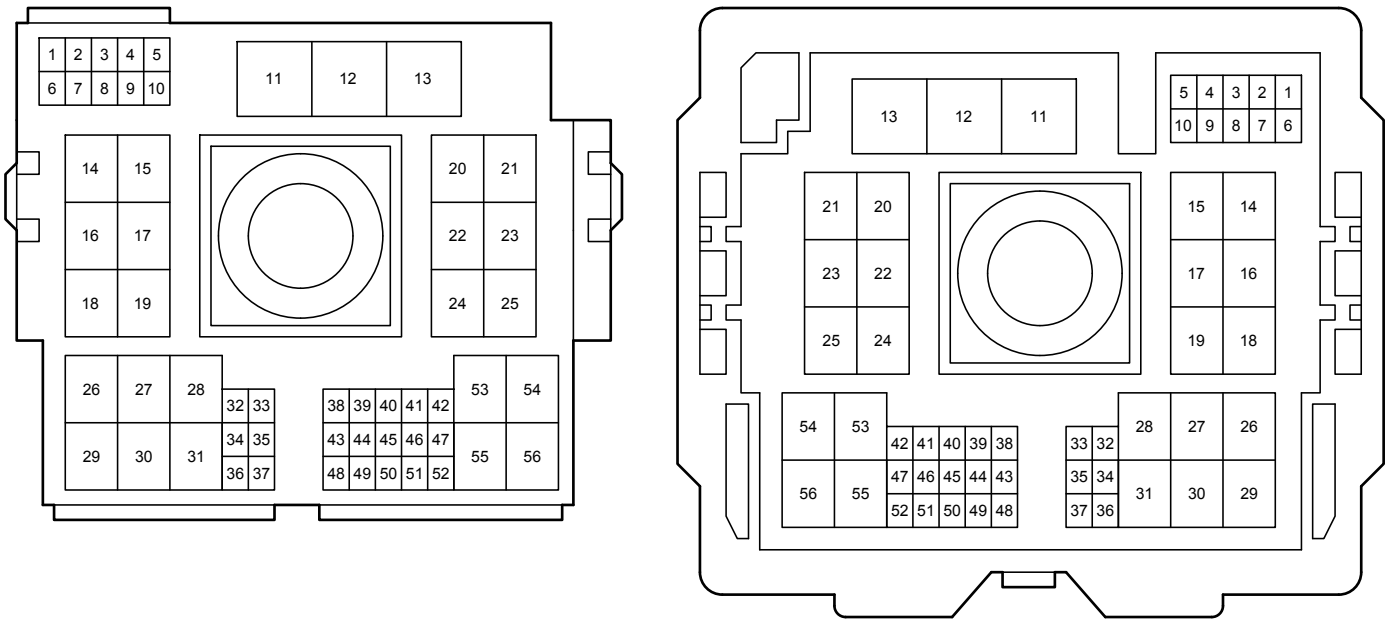
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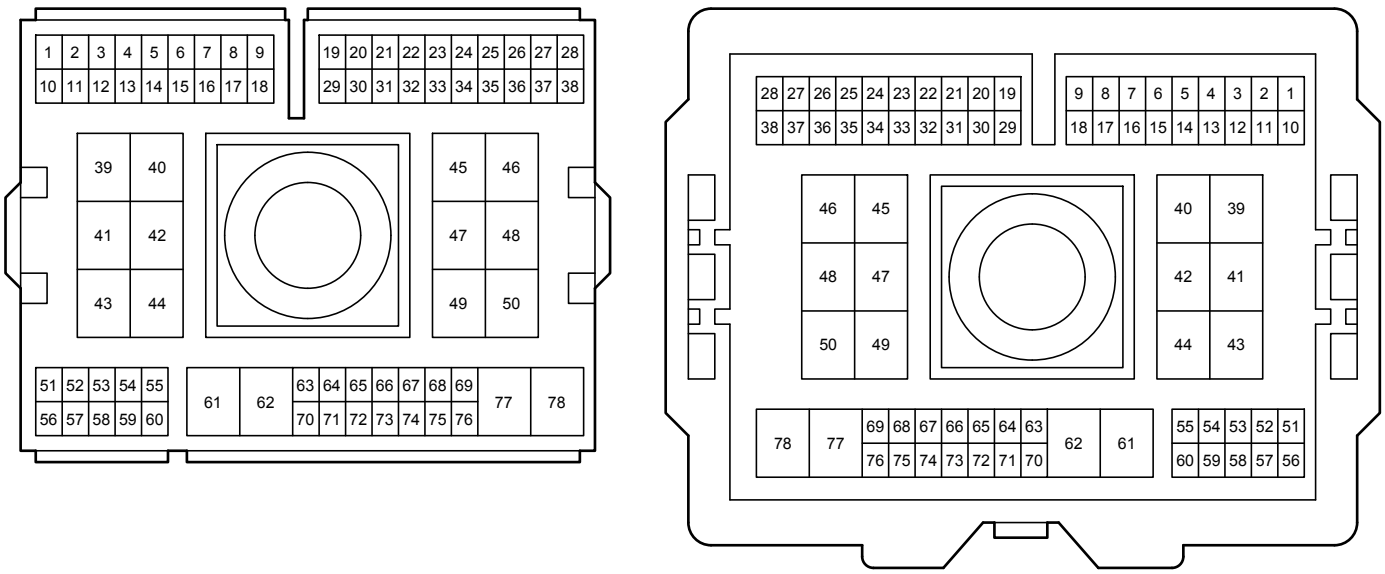
EK1

White

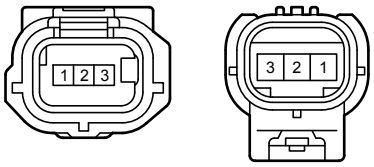
Blue



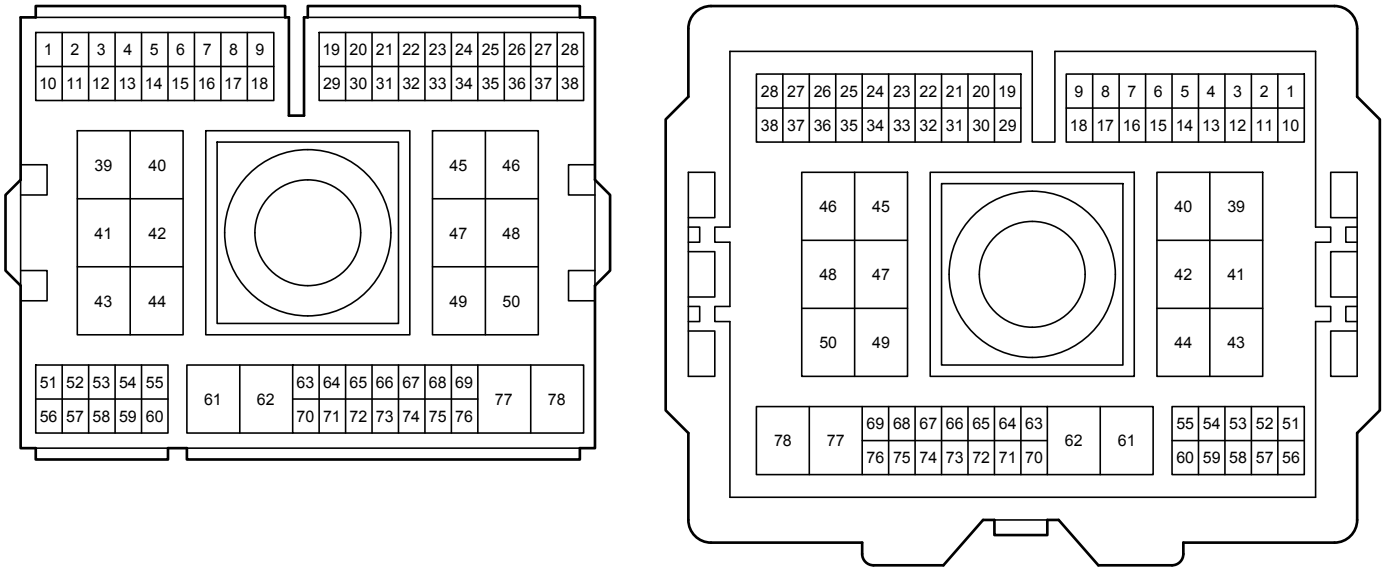
EK2
White



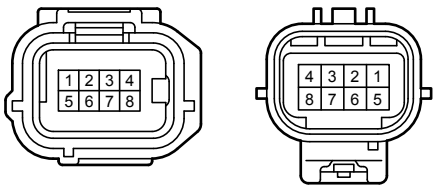
EK3
Black



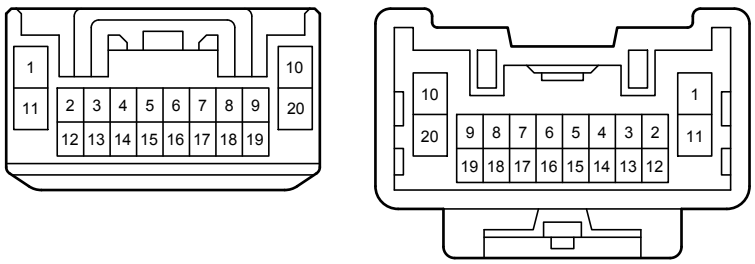
EL1
White



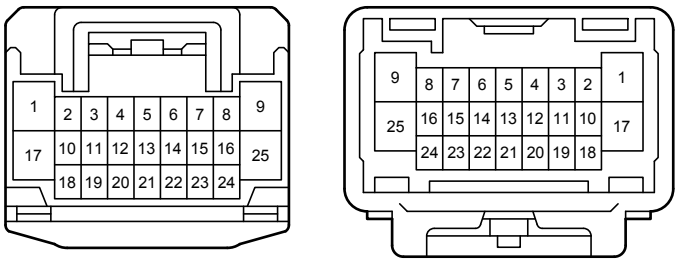
EL2
Gray



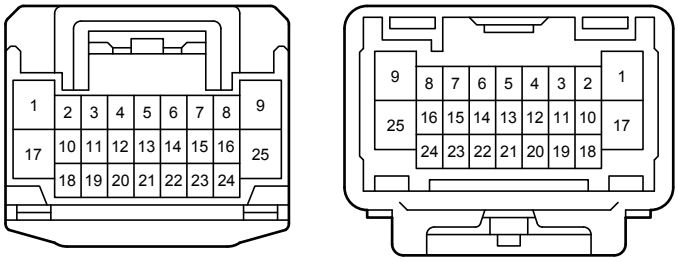
FE4
White

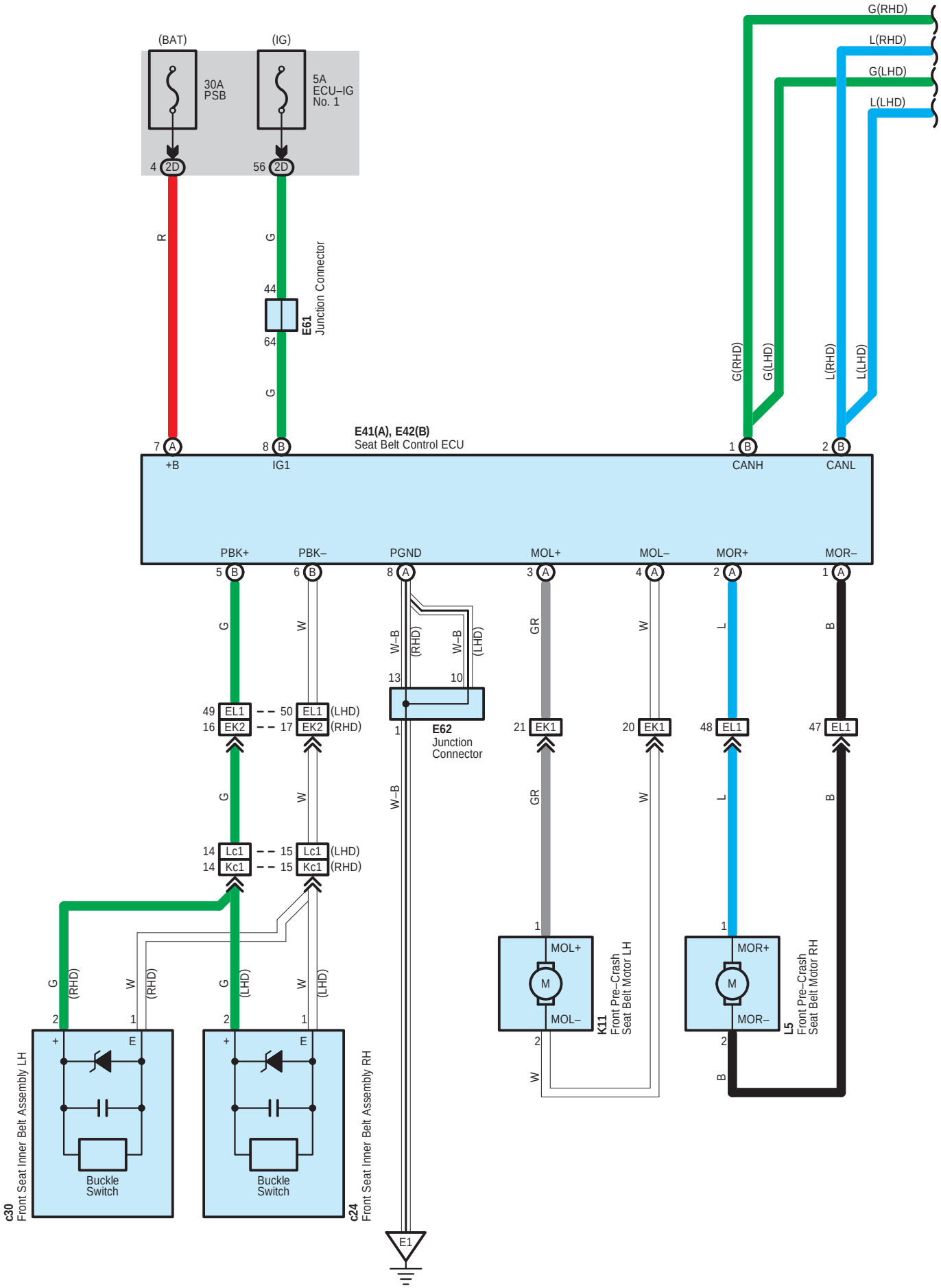


Kc1
White

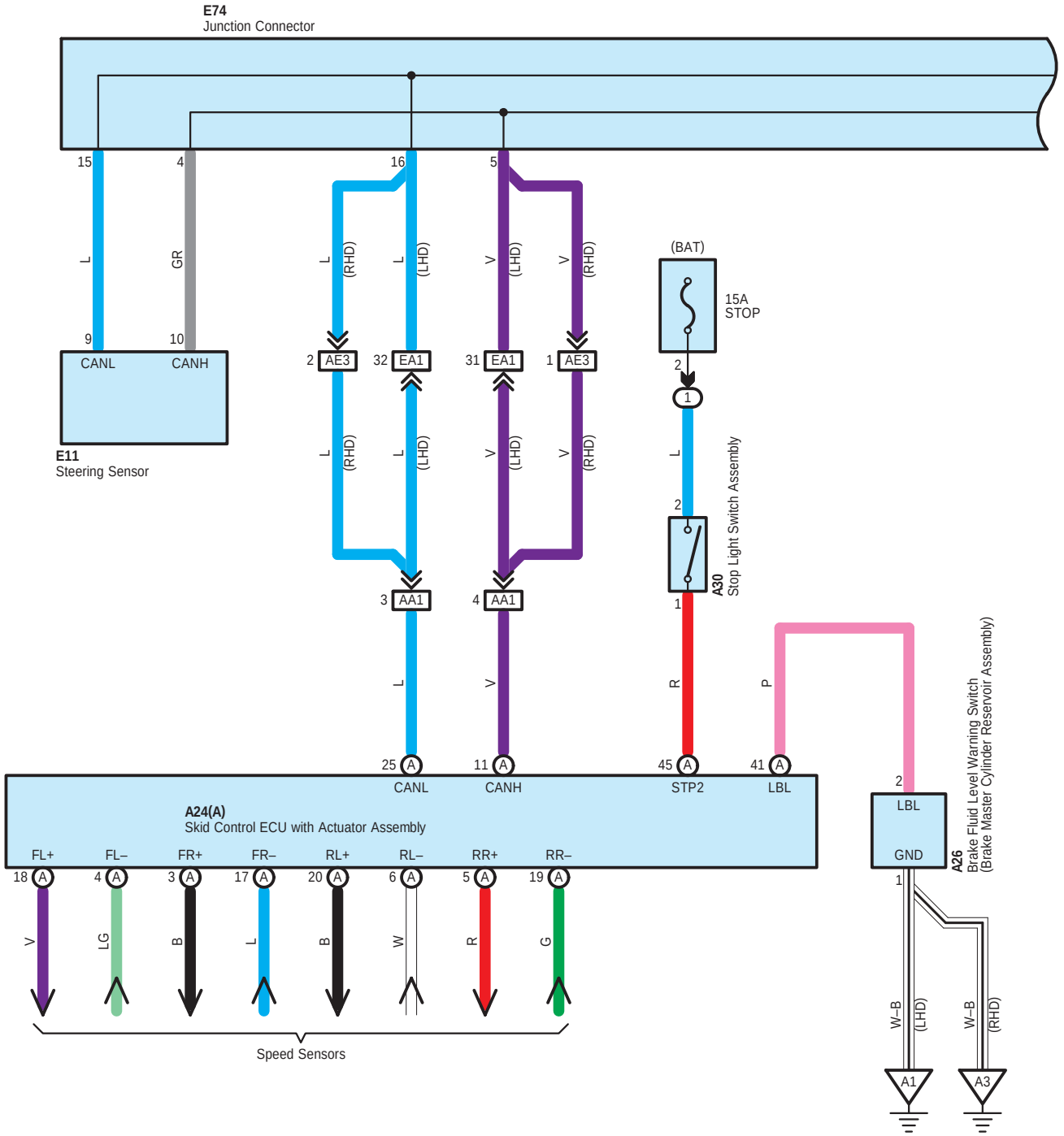


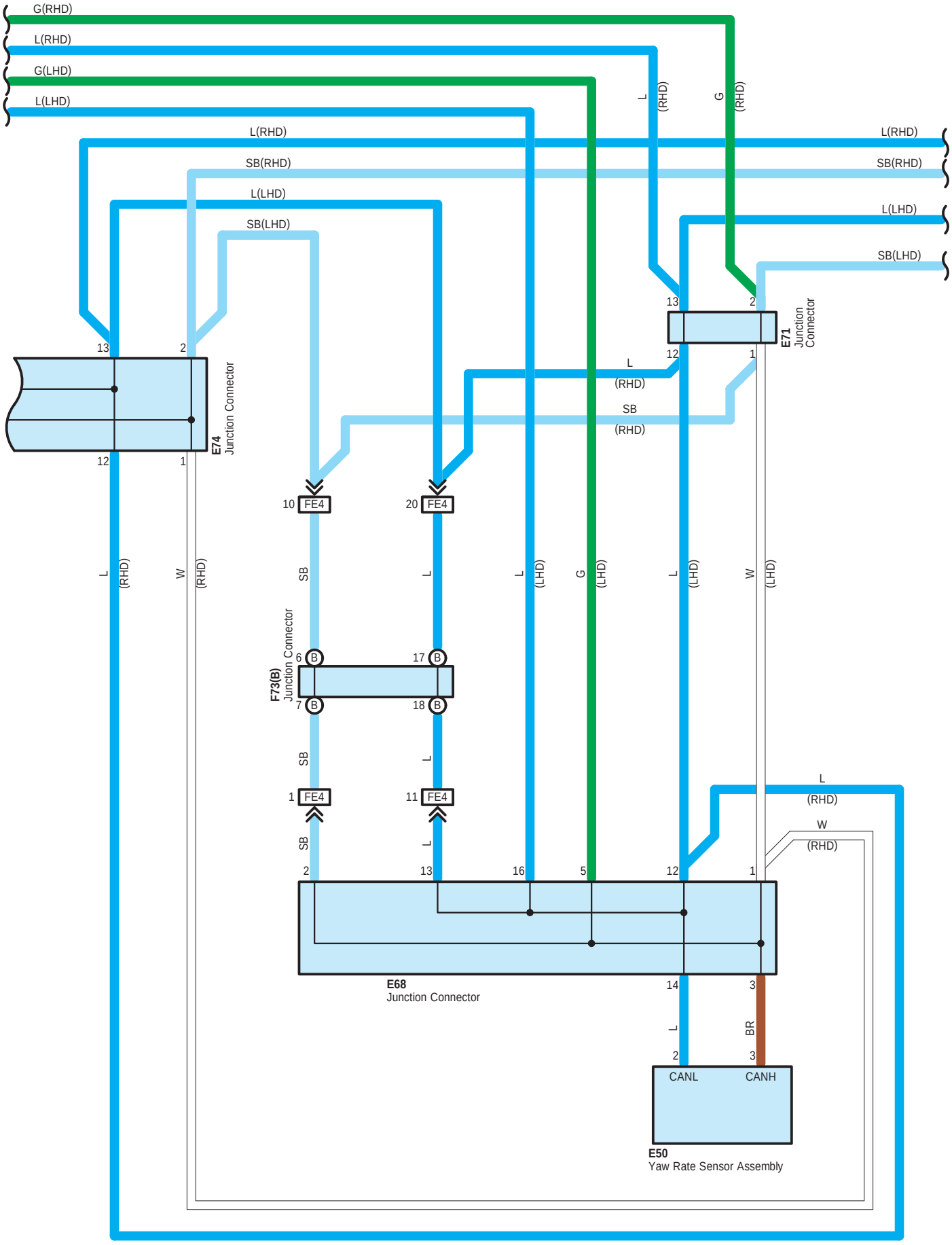
Lc1
White



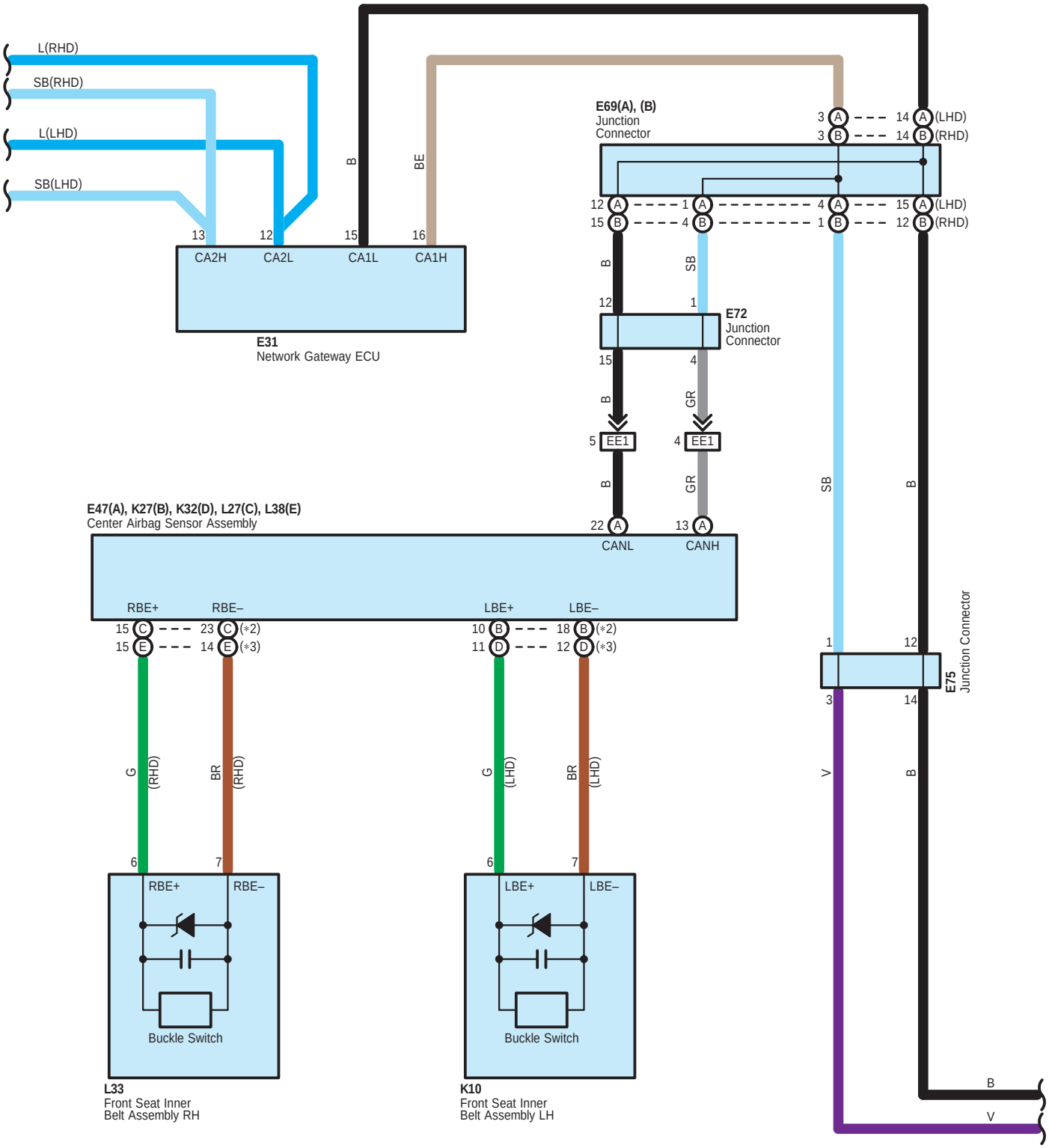

(BAT)
(IG)
30A
PSB
5A
ECU–IG
No. 1
4 2D
56 2D
R
G
44
E61
Junction Connector
64
G
G(RHD)
L(RHD)
G(LHD)
L(LHD)
E41(A), E42(B)
Seat Belt Control ECU
7 A
+B
8 B
IG1
1 B
CANH
2 B
CANL
PBK+
PBK–
PGND
MOL+
MOL–
MOR+
MOR–
5 B
6 B
8 A
3 A
4 A
2 A
1 A
G
W
W–B
(RHD)
(LHD)
GR
L
B
13
10
E62
Junction
Connector
1
49 EL1
16 EK2
50 EL1 (LHD)
17 EK2 (RHD)
21 EK1
20 EK1
48 EL1
47 EL1
14 Lc1
14 Kc1
15 Lc1 (LHD)
15 Kc1 (RHD)
2
1
+
E
Buckle
Switch
c30
Front Seat Inner Belt Assembly LH
c24
Front Seat Inner Belt Assembly RH
M
MOL+
MOL–
MOR+
MOR–
K11
Front Pre–Crash
Seat Belt Motor LH
L5
Front Pre–Crash
Seat Belt Motor RH
E1

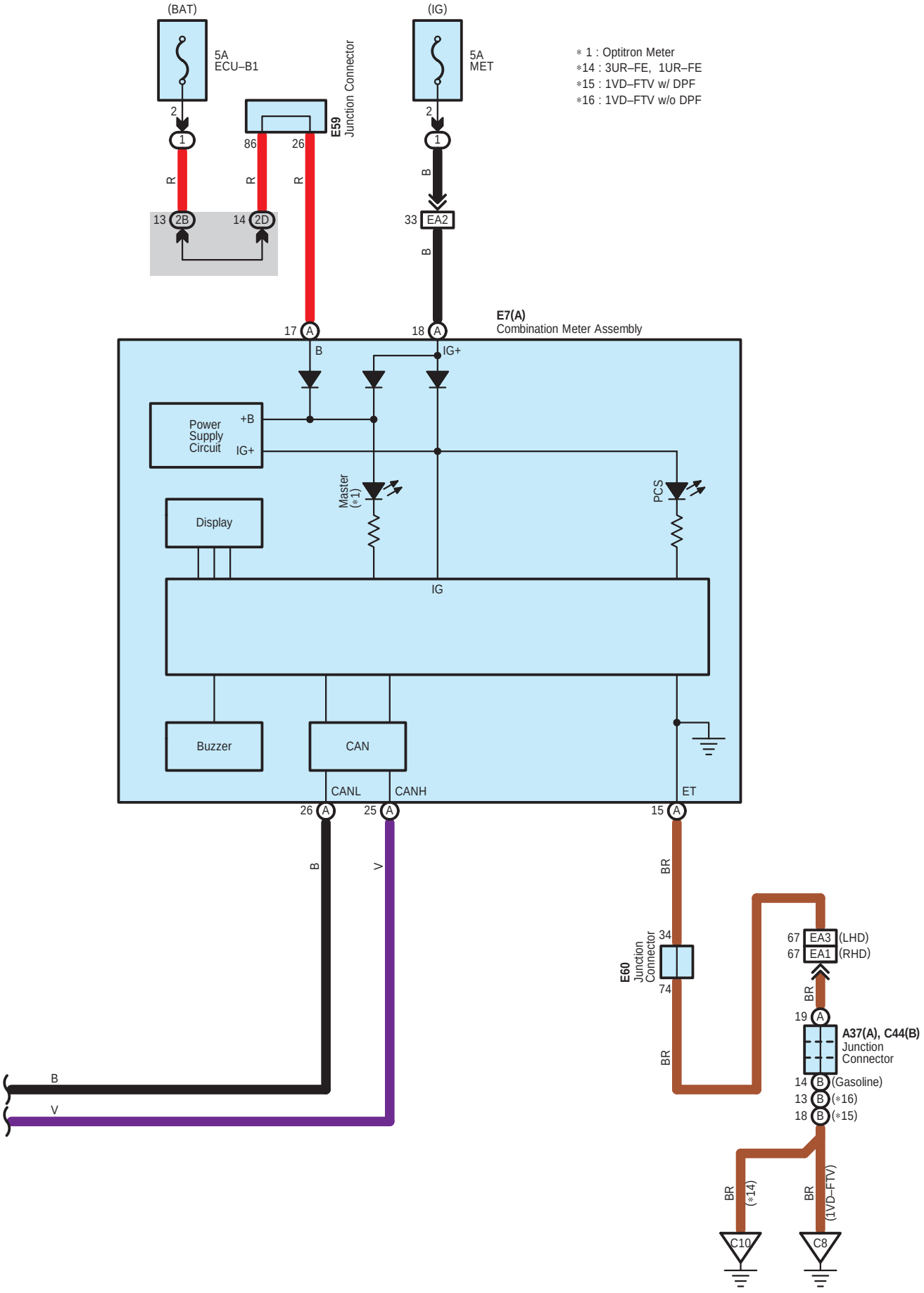

G(RHD)
G(RHD)
L(RHD)
L(RHD)
G(LHD)
G(LHD)
L(LHD)
L(LHD)


E74
Junction Connector
15
4
16
5
L
GR
L (RHD)
L (LHD)
V (LHD)
V (RHD)
9
10
CANL
CANH
E11
Steering Sensor
2 AE3
32 EA1
31 EA1
1 AE3
L (RHD)
L (LHD)
V (LHD)
V (RHD)
3 AA1
4 AA1
L
V
(BAT)
15A
STOP
2
1
L
2
A30
Stop Light Switch Assembly
1
R
P
25 A
11 A
45 A
41 A
CANL
CANH
STP2
LBL
A24(A)
Skid Control ECU with Actuator Assembly
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
V
LG
B
L
B
W
R
G
Speed Sensors
2
LBL
GND
A26
Brake Fluid Level Warning Switch
(Brake Master Cylinder Reservoir Assembly)
1
W–B (LHD)
W–B (RHD)
A1
A3

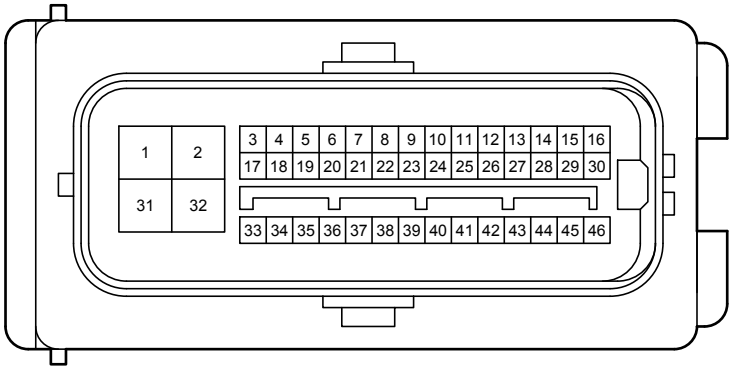

G(RHD)
L(RHD)
G(LHD)
L(LHD)
L(RHD)
SB(RHD)
L(LHD)
SB(LHD)
L (RHD)
G (RHD)
L(RHD)
SB(RHD)
L(LHD)
SB(LHD)
13
2
E71
Junction Connector
12
1
L (RHD)
SB (RHD)
13
2
E74
Junction Connector
12
1
10 FE4
20 FE4
L (RHD)
W (RHD)
SB
L
L (LHD)
G (LHD)
L (LHD)
W (LHD)
F73(B)
Junction Connector
6 B
17 B
7 B
18 B
SB
L
1 FE4
11 FE4
SB
L
2
13
16
5
12
1
L (RHD)
W (RHD)
E68
Junction Connector
14
3
L
BR
2
3
CANL
CANH
E50
Yaw Rate Sensor Assembly

* 2 : w/ Curtain Shield Airbag
* 3 : w/o Curtain Shield Airbag

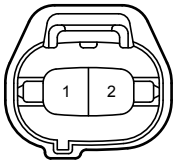



(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction Connector
∗ 1 : Optitron Meter
∗14 : 3UR–FE, 1UR–FE
∗15 : 1VD–FTV w/ DPF
∗16 : 1VD–FTV w/o DPF
E7(A)
Combination Meter Assembly
Power Supply Circuit
+B
IG+
Master (∗1)
PCS
Display
IG
Buzzer
CAN
CANL
CANH
ET
E60
Junction Connector
A37(A), C44(B)
Junction Connector
(LHD)
(RHD)
(Gasoline)
(∗16)
(∗15)
(∗14)
(1VD–FTV)
C10
C8

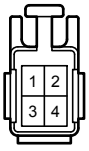
A 24
Black



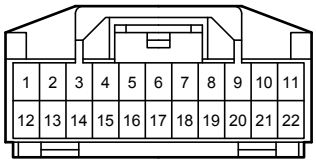
A 26
Gray



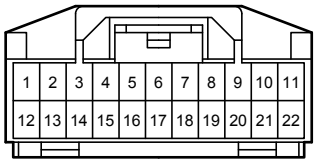
A 30
Gray



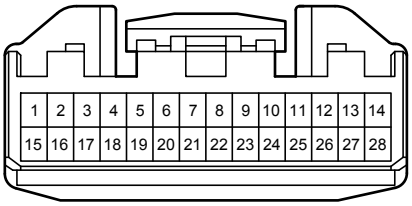
A 37
Blue



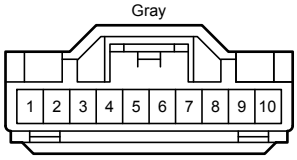
C 44
Blue



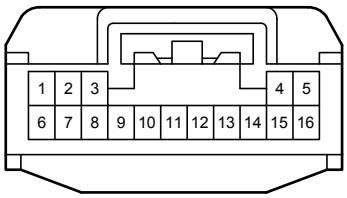
E 7
White



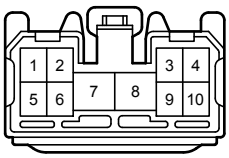
E 11
Gray



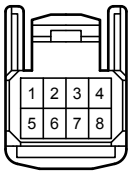
E 31
White



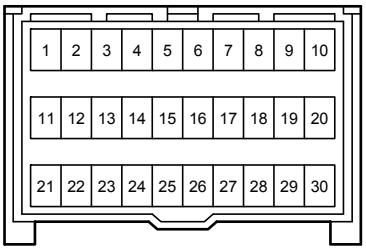
E 41
White



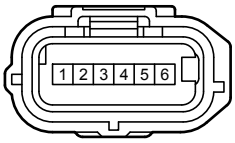
E 42
White



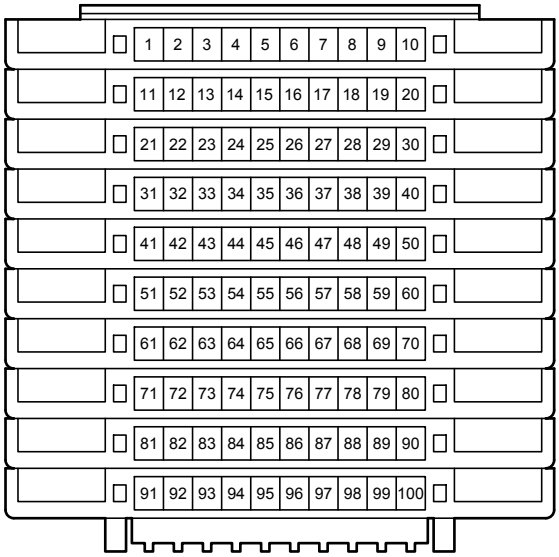
E 47
Yellow



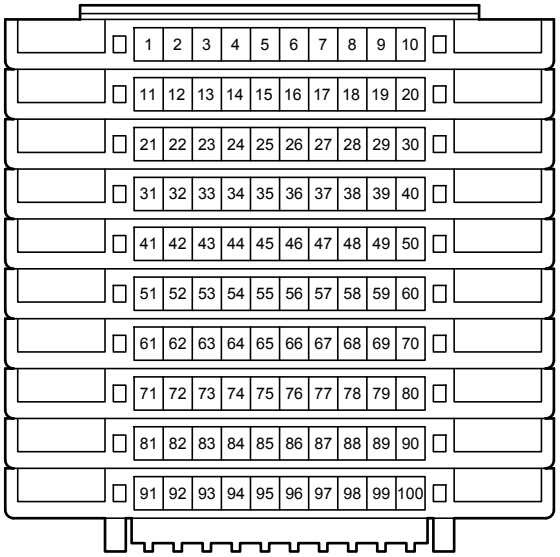
E 50
Black



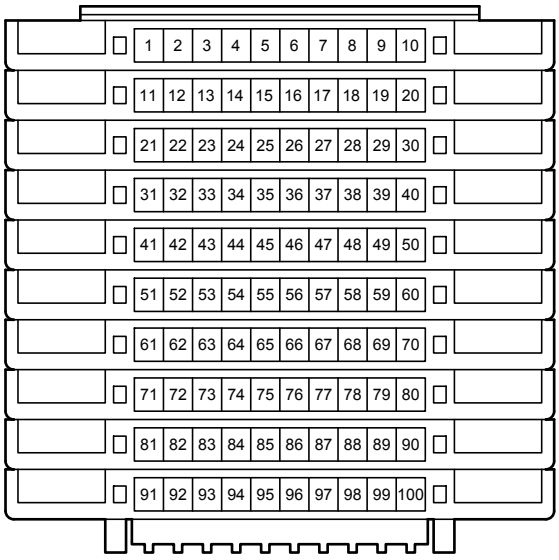
E 59



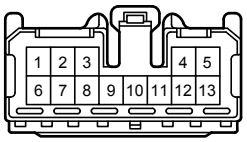
E 60



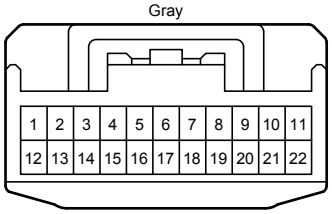
E 61



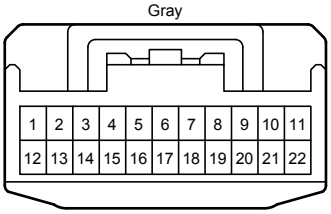
E 62
White



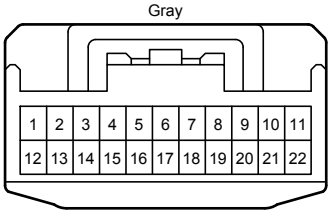
E 68
Gray



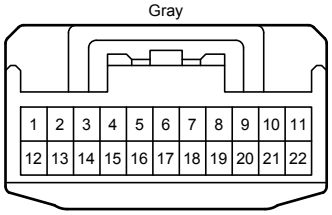
E 69
Gray



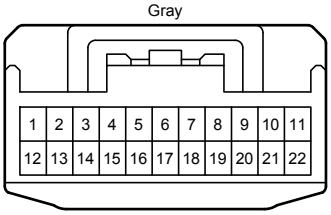
E 71
Gray



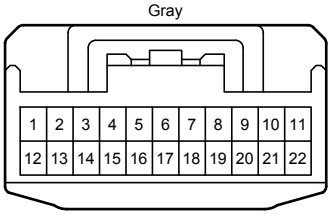
E 72
Gray



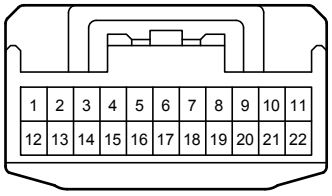
E 74
Gray



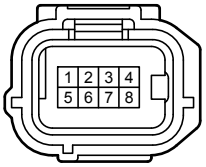
E 75
Gray



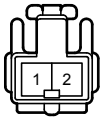
F 73
Blue



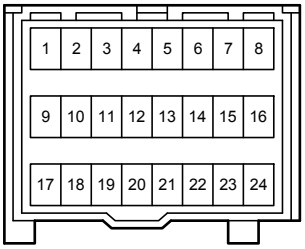
K 10
Gray



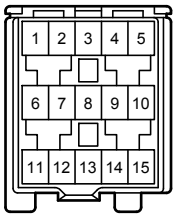
K 11
White



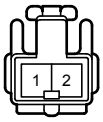
K 27
Yellow



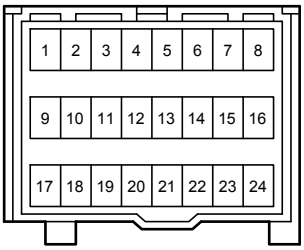
K 32
Yellow



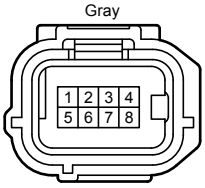
L 5
White



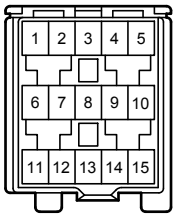
L 27
Yellow



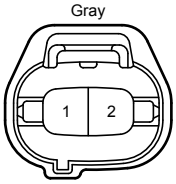
L 33
Gray



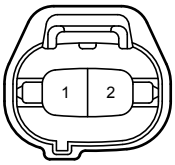
L 38
Yellow



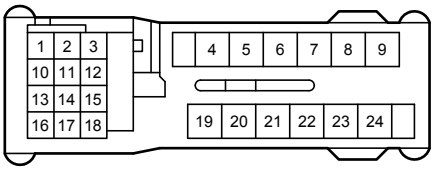
c 24
Gray



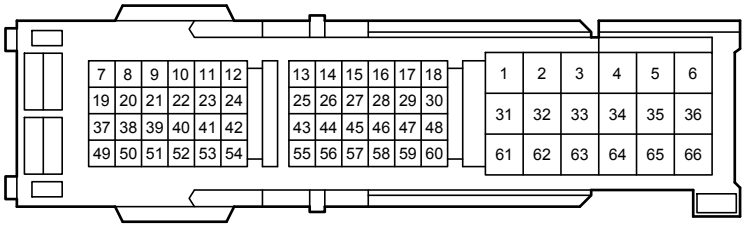
c 30
White



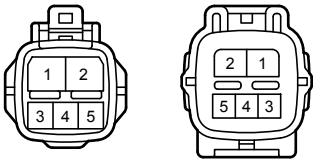
2B
White



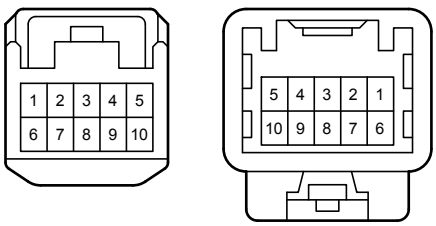
2D
White



AA1
Gray

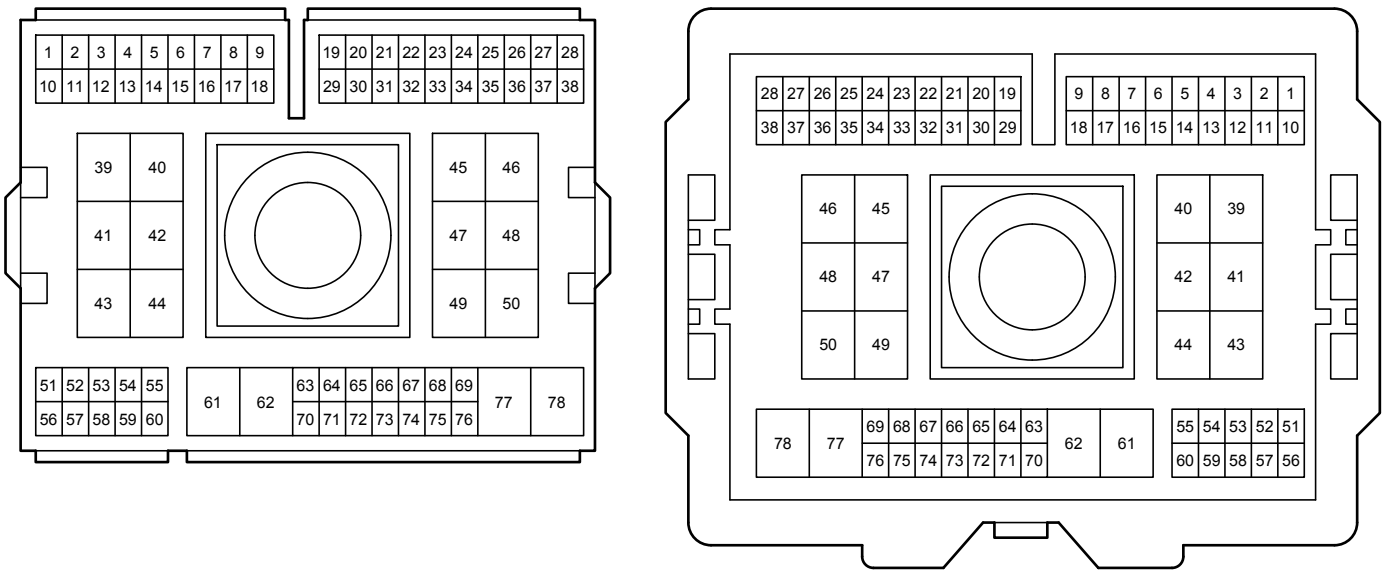


AE3
Gray



EA1

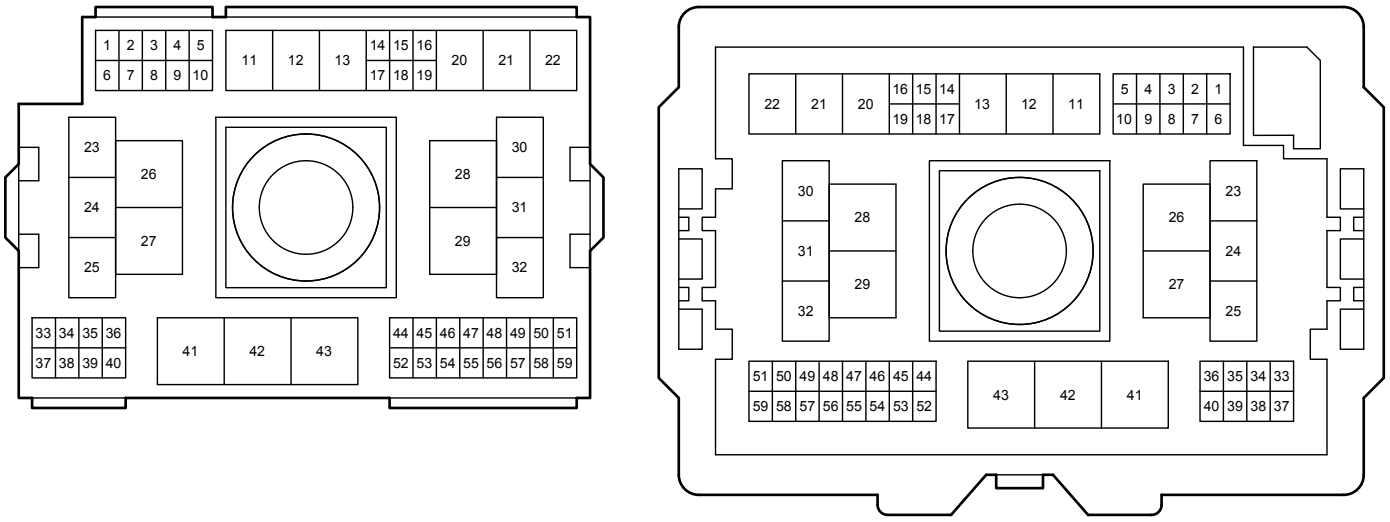
White



EA2

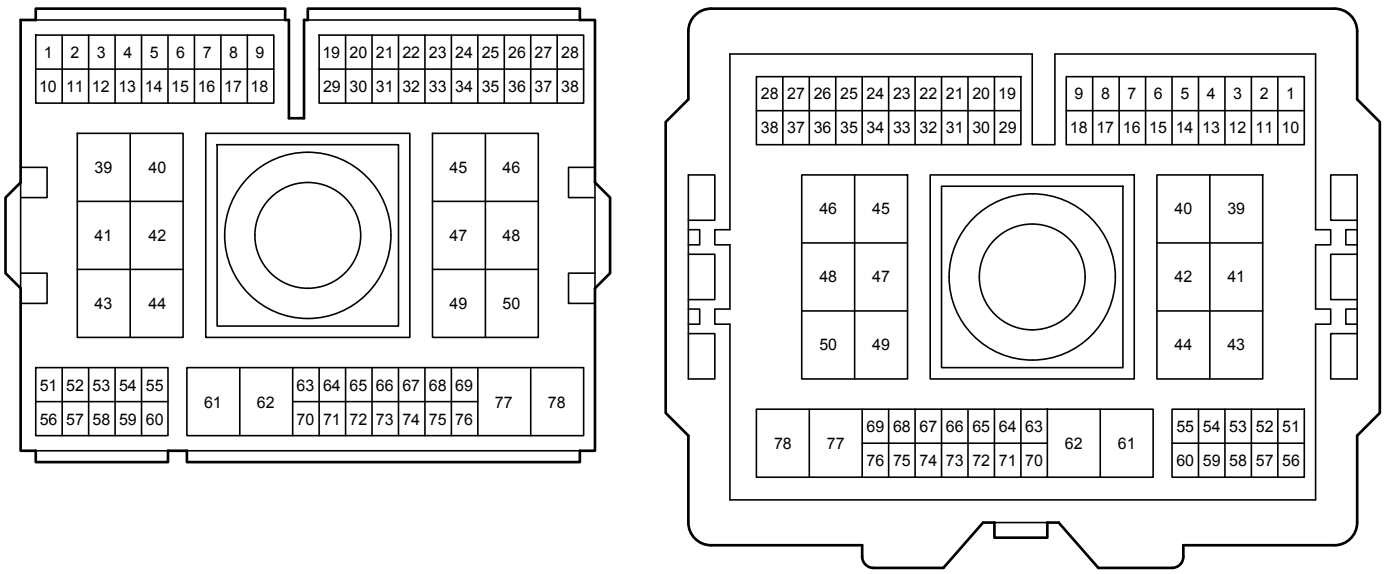
White

Gray



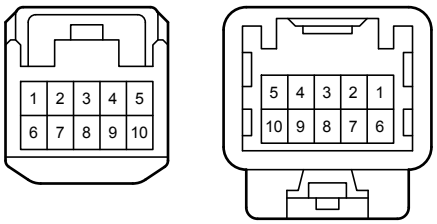
EA3

White



EE1

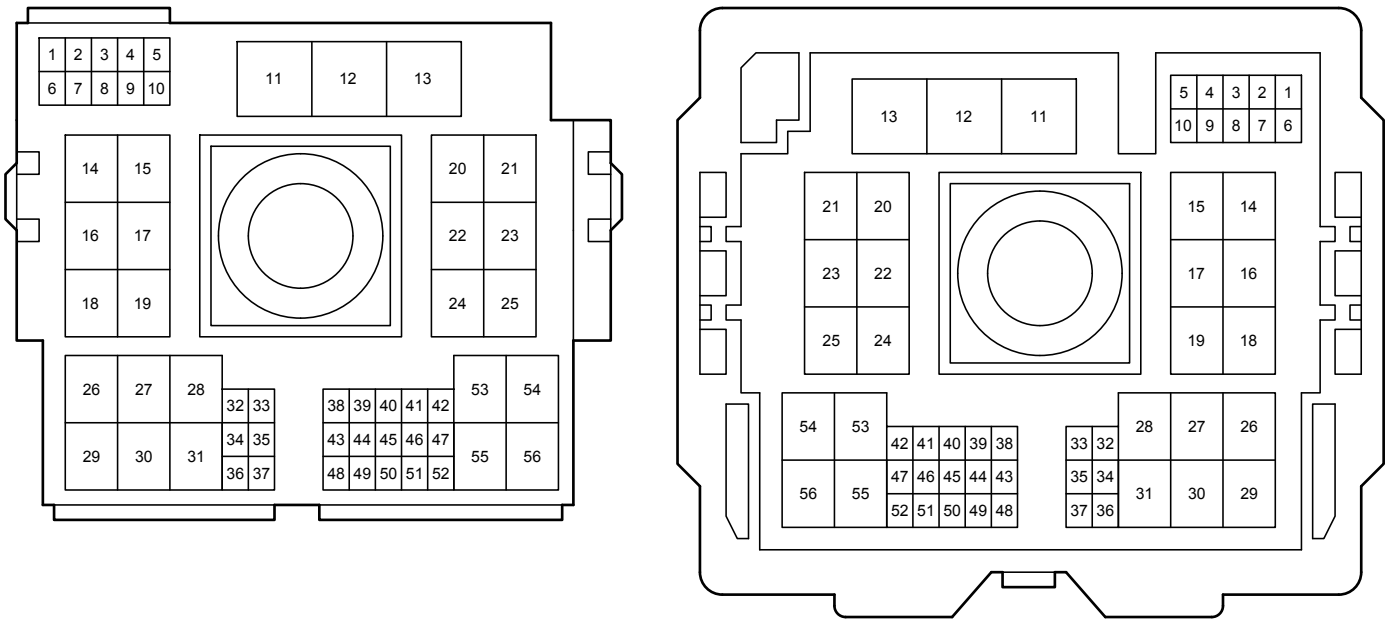
White



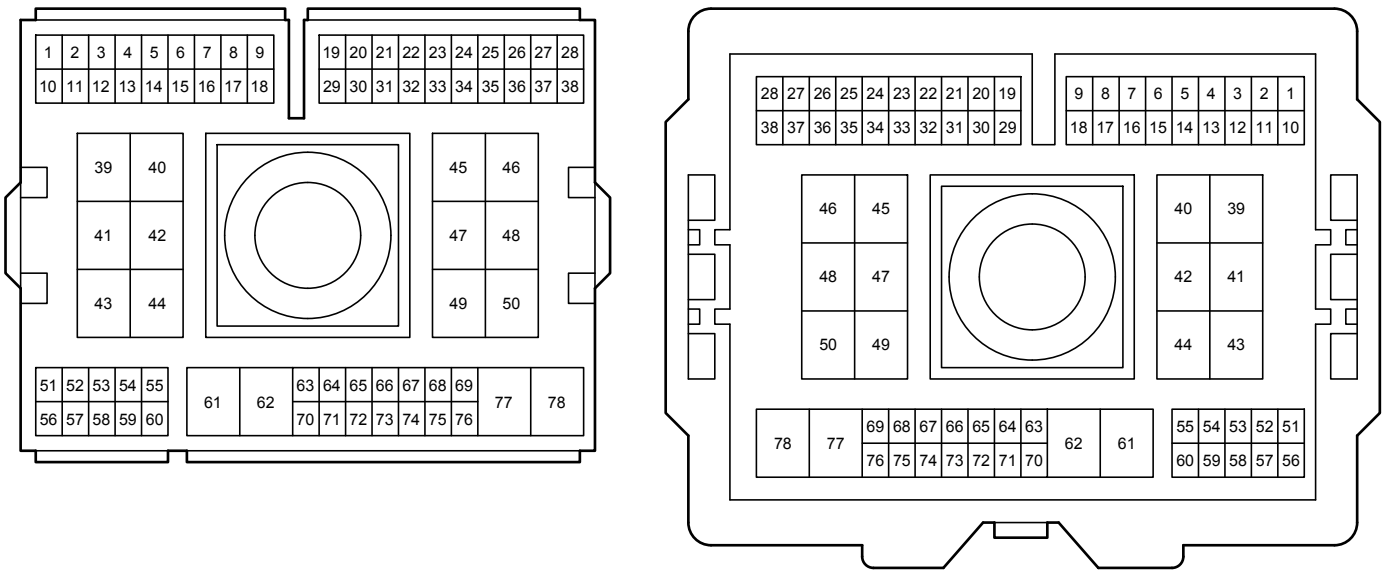
EK1

White

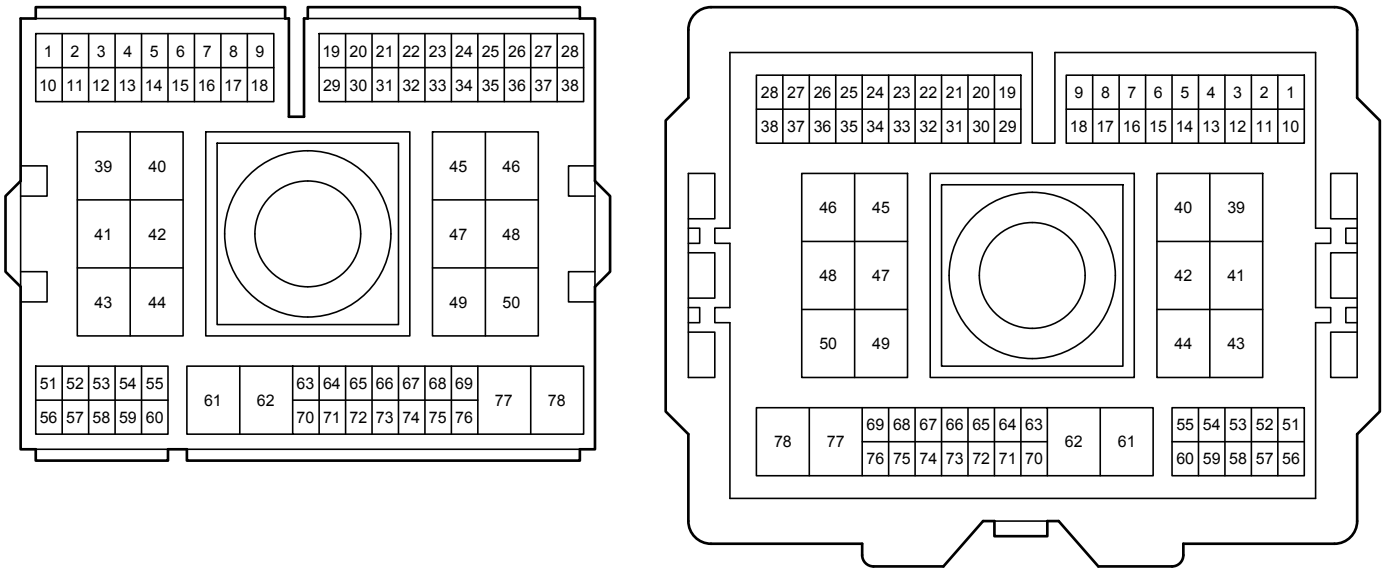
Blue



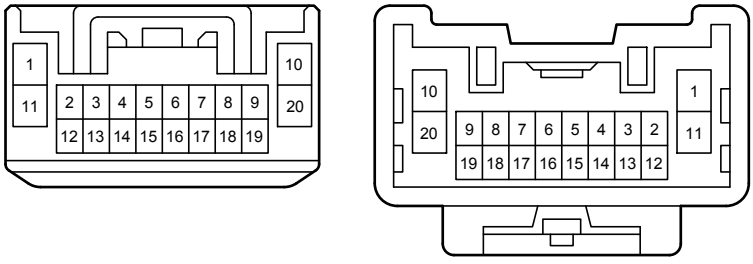
EK2
White

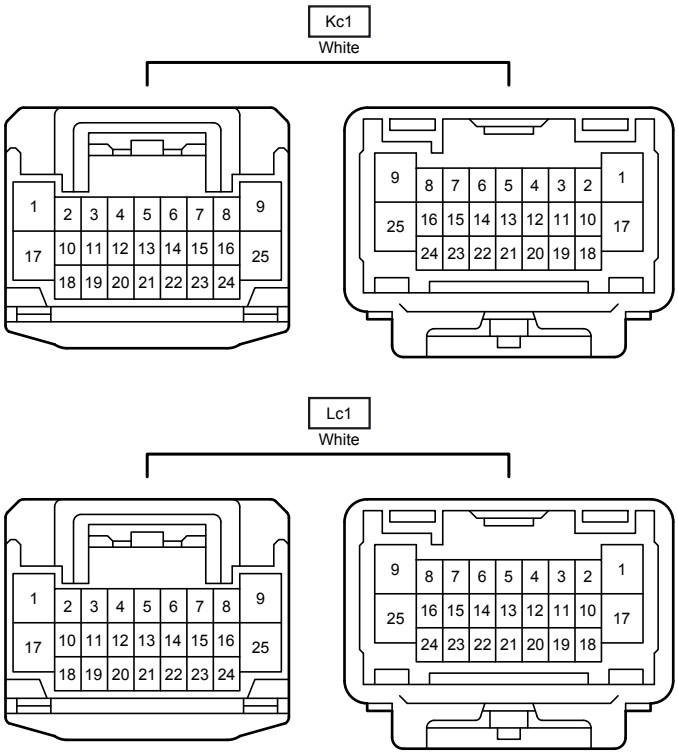


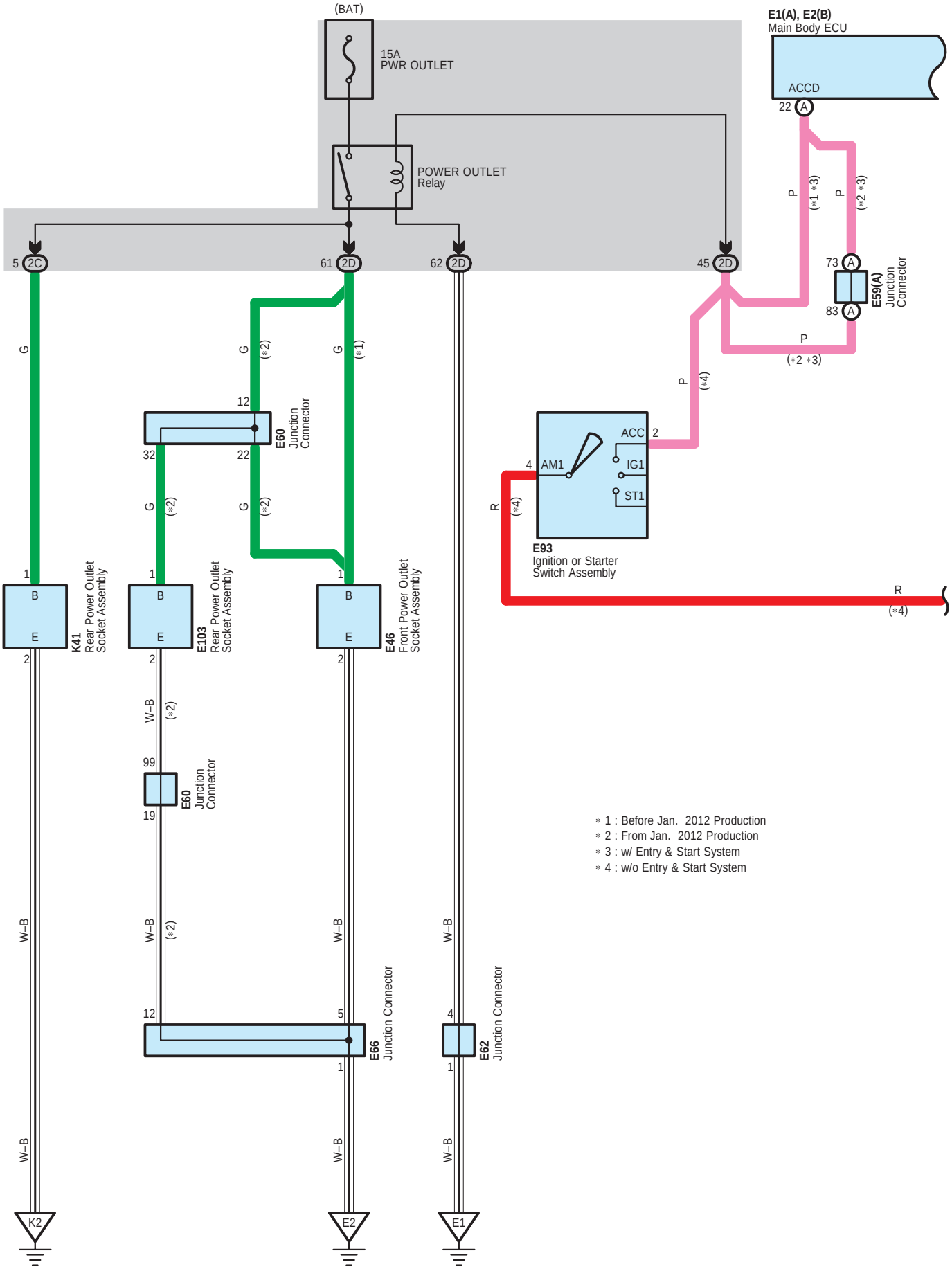
EL1
White



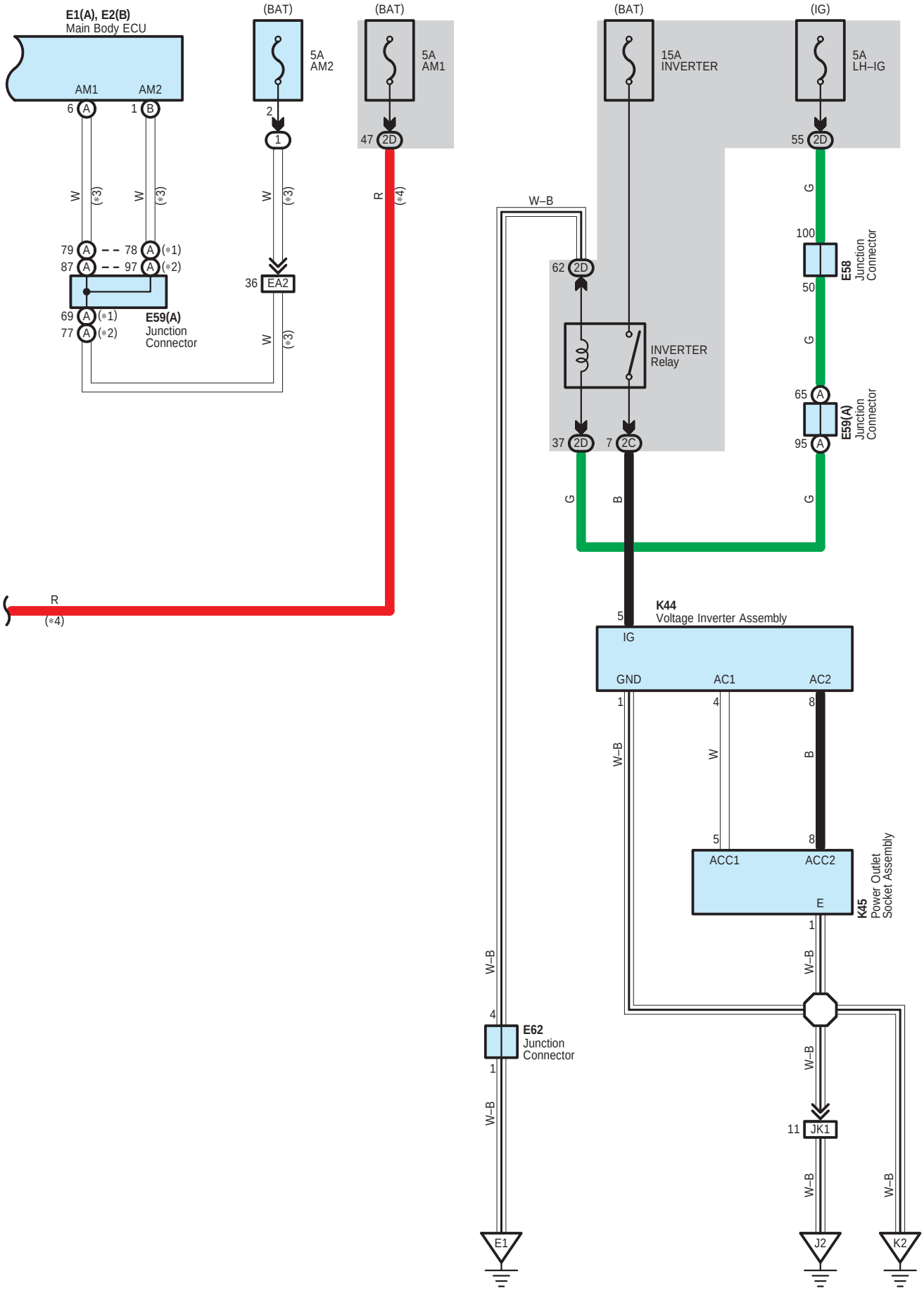
FE4
White




Kc1
White
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
Lc1
White

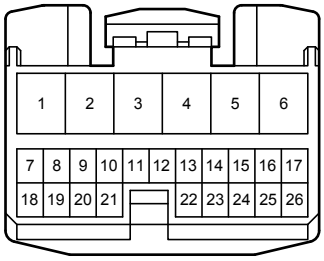


＊1 : Before Jan. 2012 Production
＊2 : From Jan. 2012 Production
＊3 : w/ Entry & Start System
＊4 : w/o Entry & Start System


E1(A), E2(B)
Main Body ECU
AM1
AM2
6 A
1 B
(BAT)
5A
AM2
2
1
(BAT)
5A
AM1
47 2D
W
(*3)
R
(*4)
79 A
87 A
78 A (*1)
97 A (*2)
69 A (*1)
77 A (*2)
E59(A)
Junction
Connector
36 EA2
R
(*4)
(BAT)
15A
INVERTER
(IG)
5A
LH–IG
55 2D
G
100
E58
Junction
Connector
50
W–B
62 2D
INVERTER
Relay
37 2D
7 2C
65 A
E59(A)
Junction
Connector
95 A
G
B
G
5
K44
Voltage Inverter Assembly
IG
GND
AC1
AC2
1
4
8
W–B
W
B
5
8
ACC1
ACC2
E
K45
Power Outlet
Socket Assembly
1
W–B
W–B
4
E62
Junction
Connector
1
W–B
W–B
11 JK1
W–B
W–B
E1
J2
K2

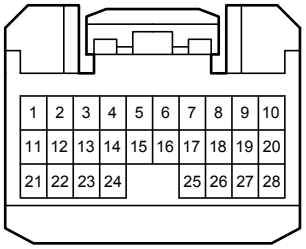
E 1

White



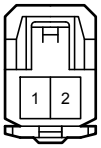
E 2

White

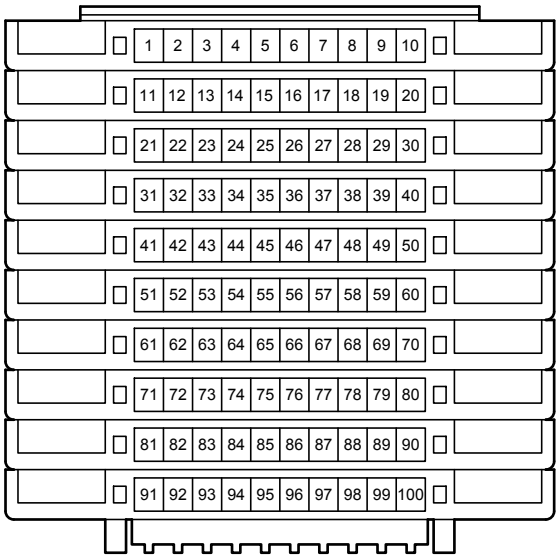


E 46

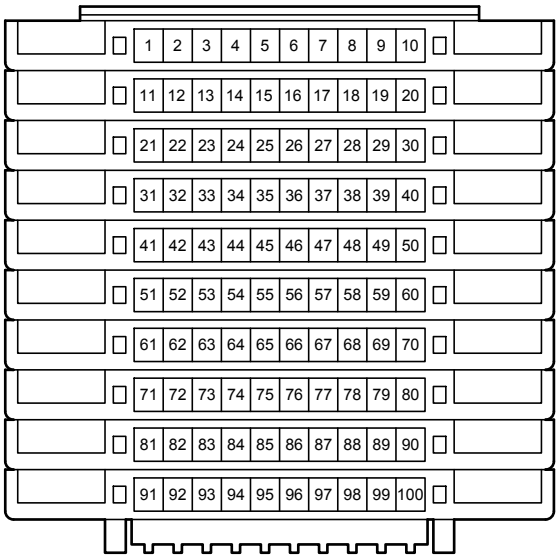
White



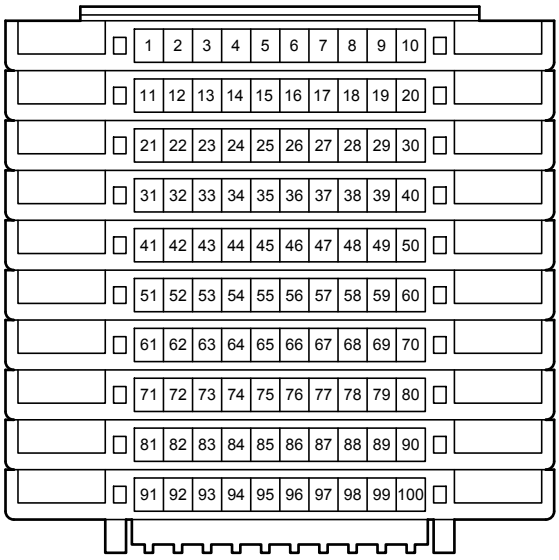
E 58



E 59

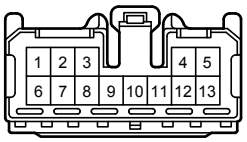


E 60



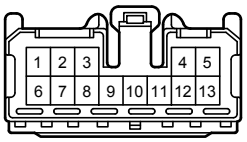
E 62

White

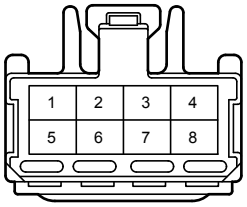


E 66

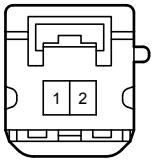
White



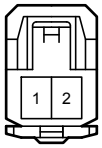
E 93
White



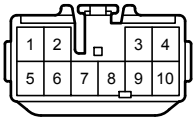
E103
White



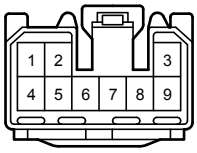
K 41
White



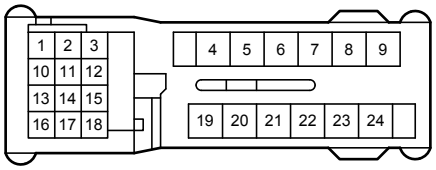
K 44
White



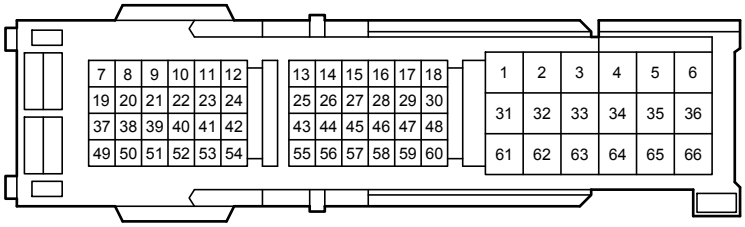
K 45
Black



2C
White

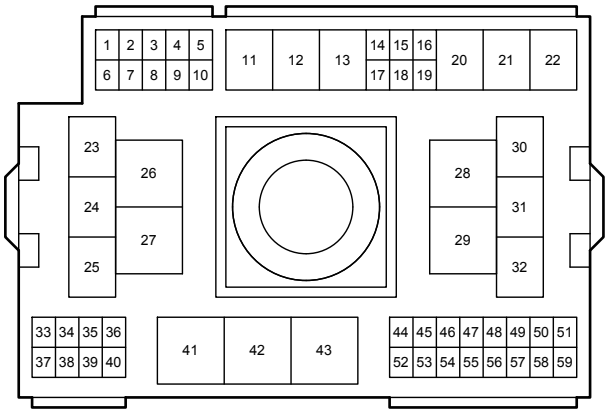


2D
White

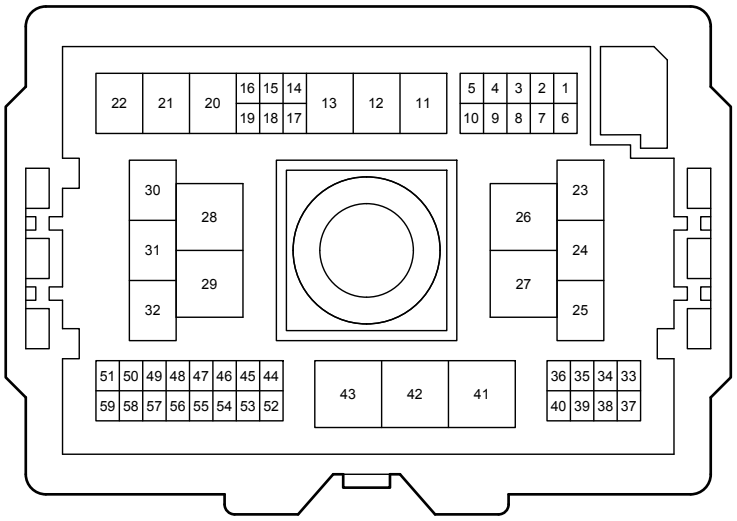


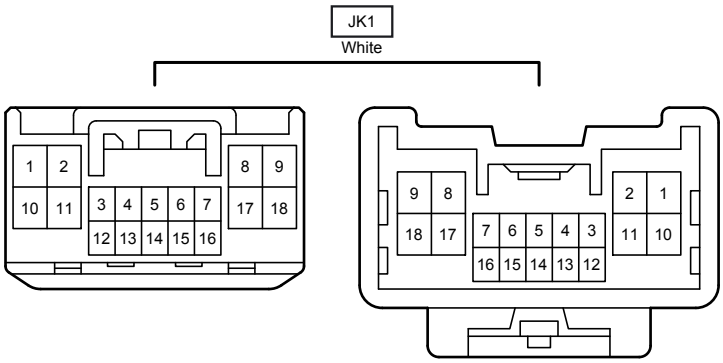
EA2

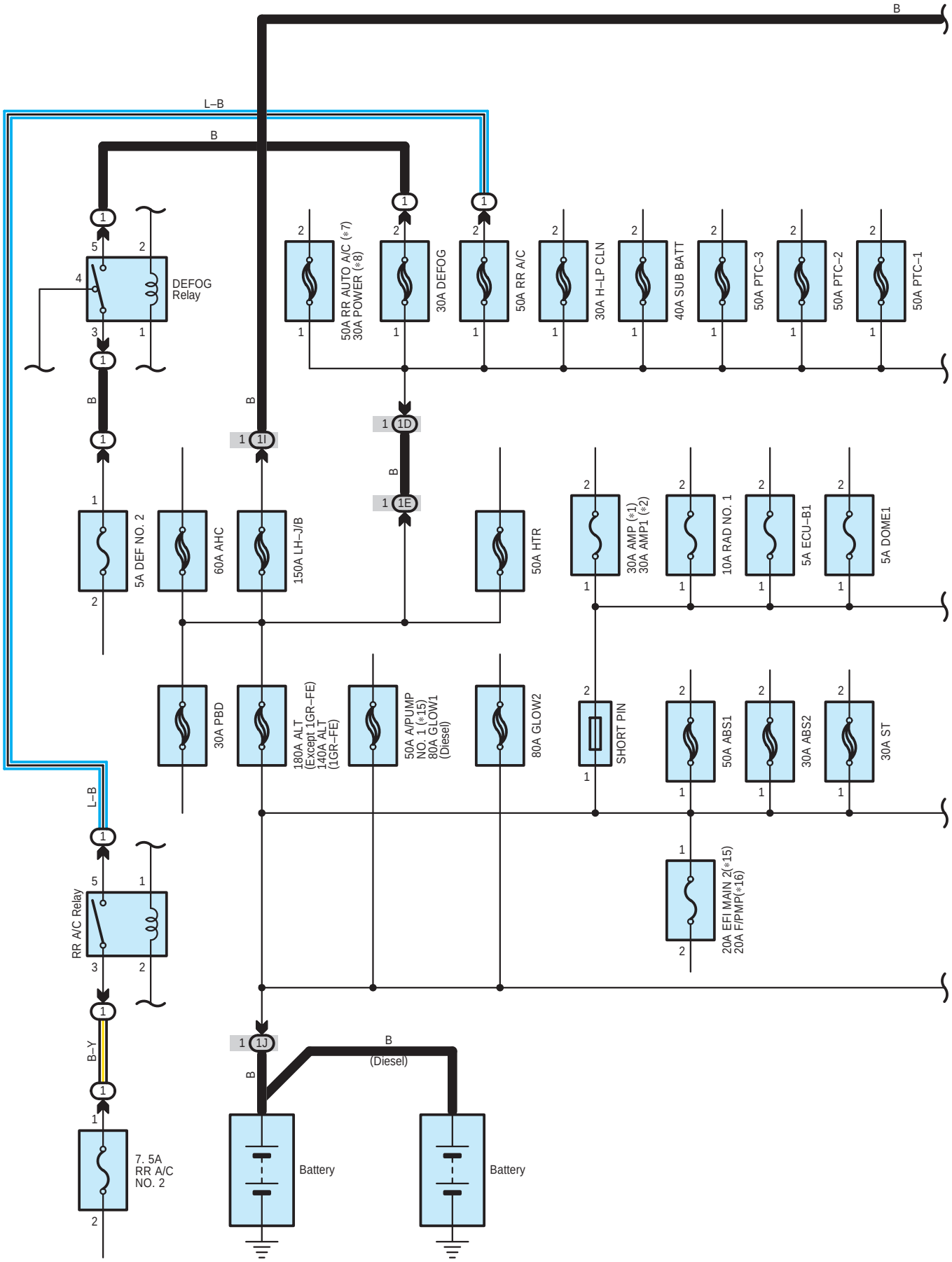
White

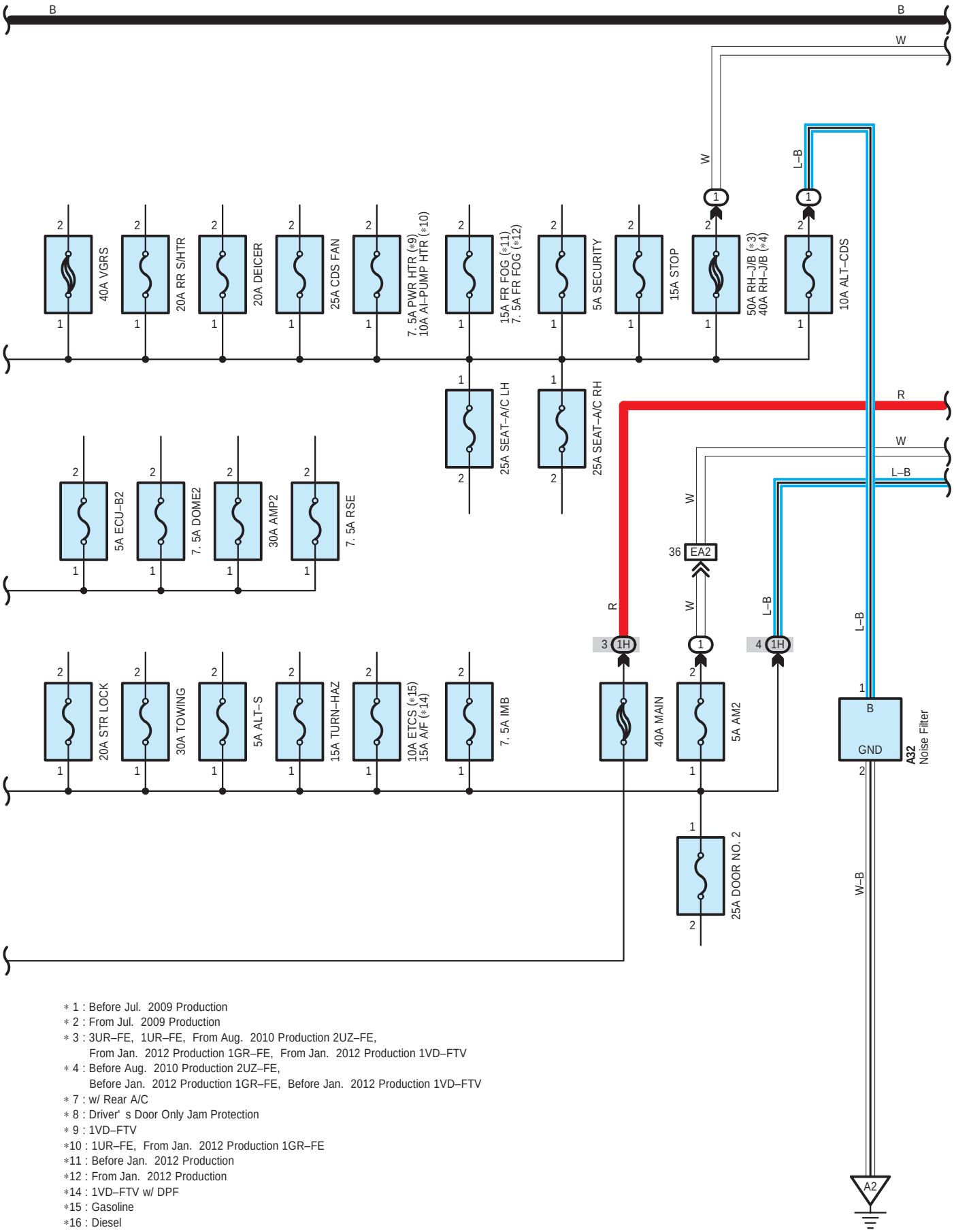


Gray

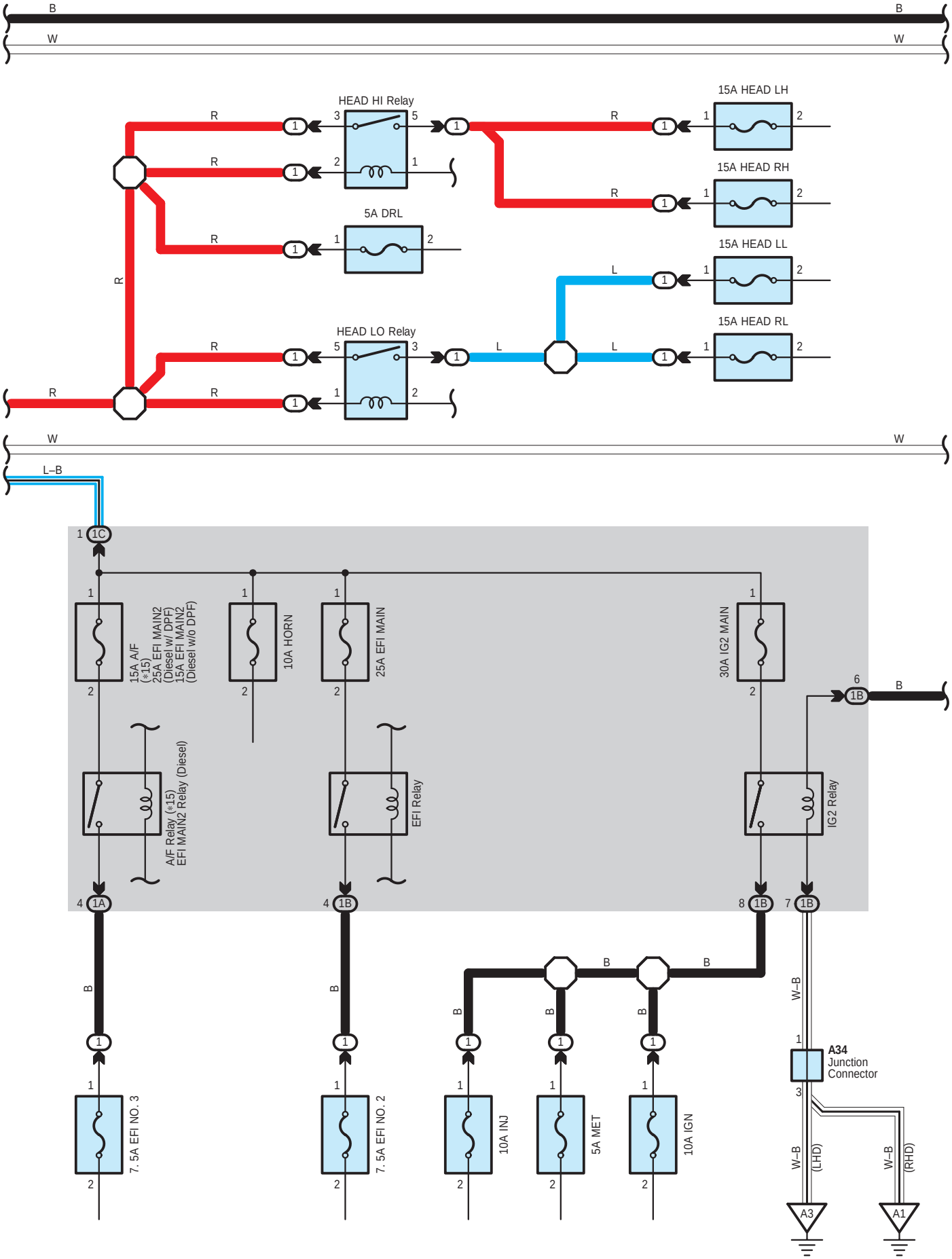


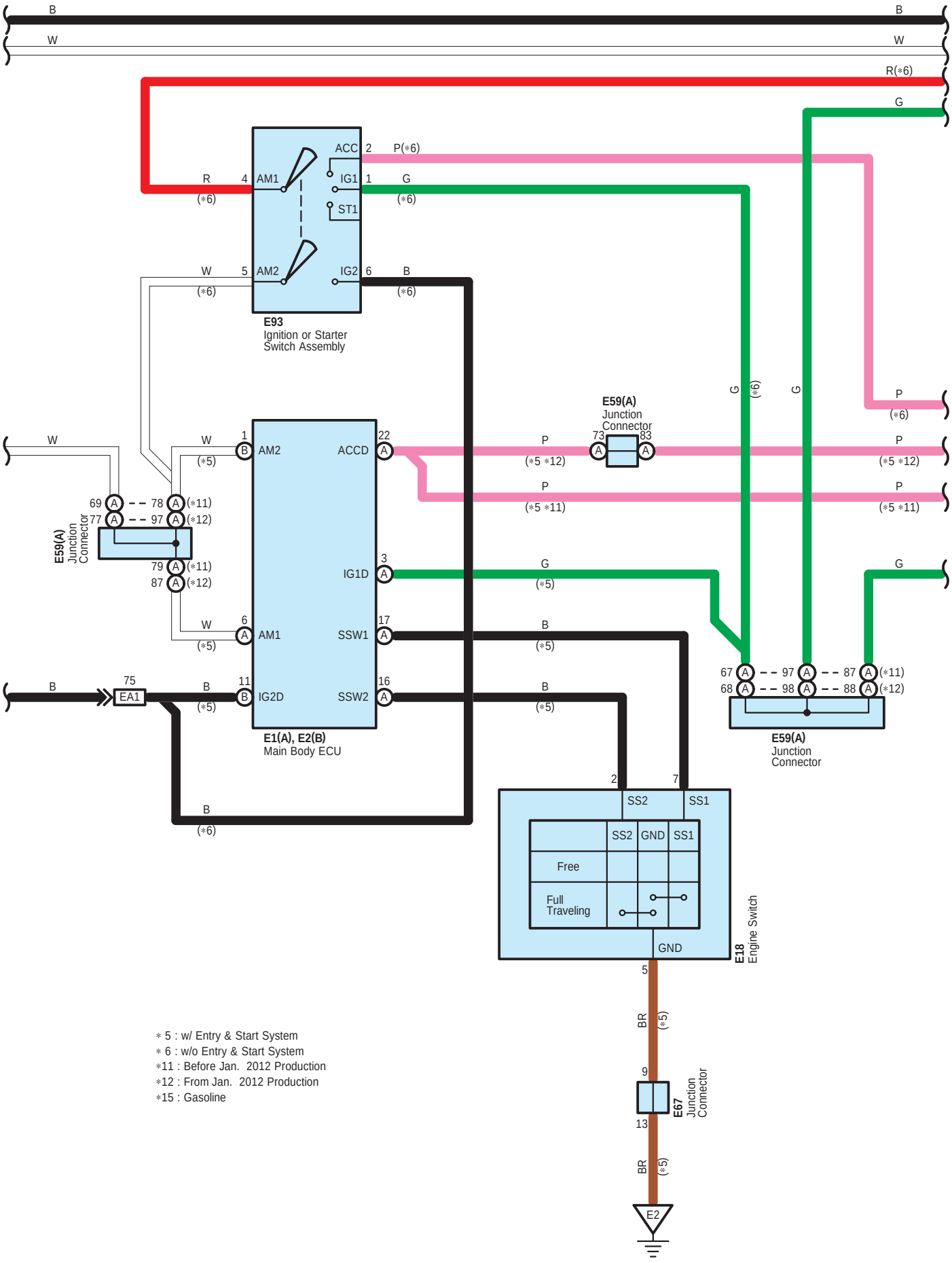

JK1
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10

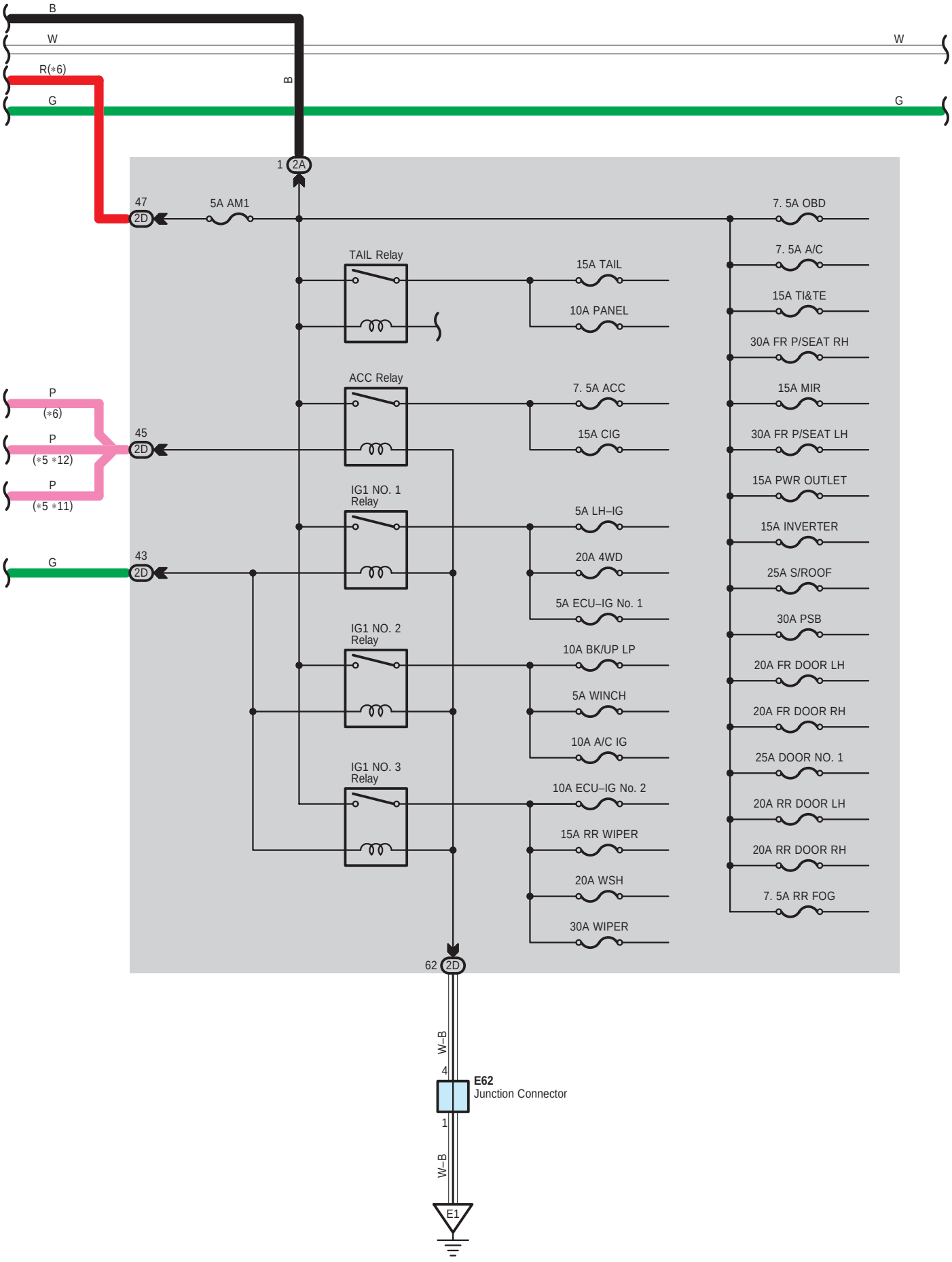

B
L–B
B
DEFOG Relay
50A RR AUTO A/C (*7)
30A POWER (*8)
30A DEFOG
50A RR A/C
30A H–LP CLN
40A SUB BATT
50A PTC–3
50A PTC–2
50A PTC–1
1D
1E
1I
5A DEF NO. 2
60A AHC
150A LH–J/B
50A HTR
30A AMP (*1)
30A AMP1 (*2)
10A RAD NO. 1
5A ECU–B1
5A DOME1
30A PBD
180A ALT
(Except 1GR–FE)
140A ALT
(1GR–FE)
50A A/PUMP
NO. 1 (*15)
80A GLOW1
(Diesel)
80A GLOW2
SHORT PIN
50A ABS1
30A ABS2
30A ST
20A EFI MAIN 2(*15)
20A F/PMP(*16)
L–B
RR A/C Relay
B–Y
1J
B
(Diesel)
7. 5A
RR A/C
NO. 2
Battery
Battery

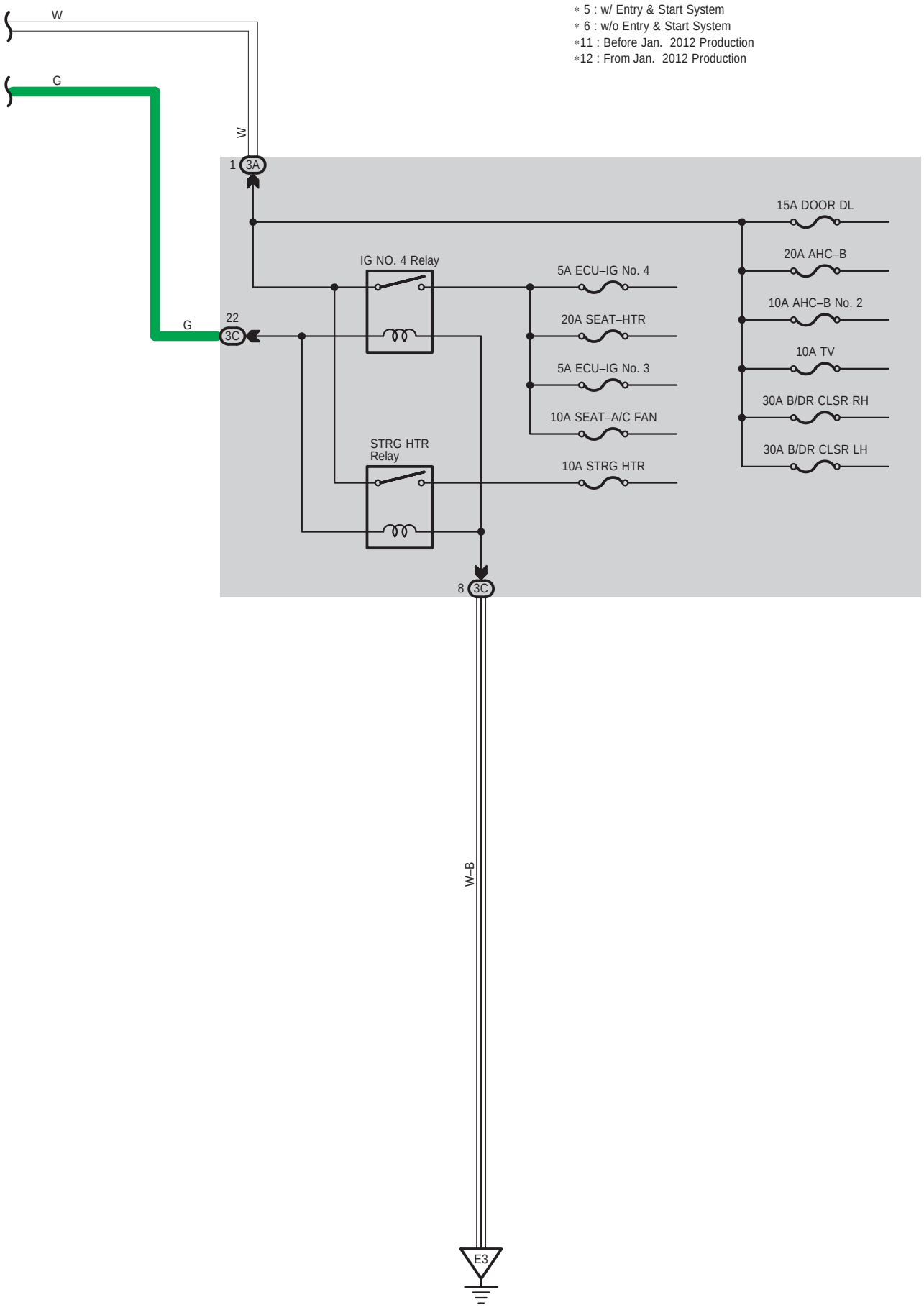


* 1 : Before Jul. 2009 Production
* 2 : From Jul. 2009 Production
* 3 : 3UR–FE, 1UR–FE, From Aug. 2010 Production 2UZ–FE,
From Jan. 2012 Production 1GR–FE, From Jan. 2012 Production 1VD–FTV
* 4 : Before Aug. 2010 Production 2UZ–FE,
Before Jan. 2012 Production 1GR–FE, Before Jan. 2012 Production 1VD–FTV
* 7 : w/ Rear A/C
* 8 : Driver' s Door Only Jam Protection
* 9 : 1VD–FTV
*10 : 1UR–FE, From Jan. 2012 Production 1GR–FE
*11 : Before Jan. 2012 Production
*12 : From Jan. 2012 Production
*14 : 1VD–FTV w/ DPF
*15 : Gasoline
*16 : Diesel

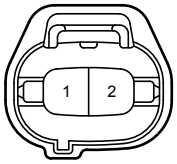

B
W
HEAD HI Relay
HEAD LO Relay
5A DRL
15A HEAD LH
15A HEAD RH
15A HEAD LL
15A HEAD RL
R
L
L–B
1C
15A A/F (*15)
25A EFI MAIN2 (Diesel w/ DPF)
15A EFI MAIN2 (Diesel w/o DPF)
10A HORN
25A EFI MAIN
30A IG2 MAIN
A/F Relay (*15)
EFI MAIN2 Relay (Diesel)
EFI Relay
IG2 Relay
1A
1B
7. 5A EFI NO. 3
7. 5A EFI NO. 2
10A INJ
5A MET
10A IGN
W–B
A34
Junction Connector
(LHD)
(RHD)
A3
A1


B
W
R(∗6)
G
ACC
AM1
IG1
ST1
AM2
IG2
P(∗6)
R
(∗6)
W
(∗6)
G
(∗6)
B
(∗6)
E93
Ignition or Starter
Switch Assembly
E59(A)
Junction
Connector
P
(∗6)
P
(∗5 ∗12)
P
(∗5 ∗11)
AM2
ACCD
IG1D
AM1
SSW1
IG2D
SSW2
(∗5)
(∗11)
(∗12)
EA1
E1(A), E2(B)
Main Body ECU
SS2
SS1
GND
Free
Full
Traveling
E18
Engine Switch
BR
E67
Junction
Connector
E2
∗ 5 : w/ Entry & Start System
∗ 6 : w/o Entry & Start System
∗11 : Before Jan. 2012 Production
∗12 : From Jan. 2012 Production
∗15 : Gasoline

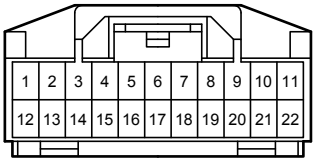

B
W
R(*6)
G
B
W
G
1 2A
47 2D
5A AM1
45 2D
43 2D
P (*6)
P (*5 *12)
P (*5 *11)
G
TAIL Relay
ACC Relay
IG1 NO. 1 Relay
IG1 NO. 2 Relay
IG1 NO. 3 Relay
15A TAIL
10A PANEL
7. 5A ACC
15A CIG
5A LH–IG
20A 4WD
5A ECU–IG No. 1
10A BK/UP LP
5A WINCH
10A A/C IG
10A ECU–IG No. 2
15A RR WIPER
20A WSH
30A WIPER
7. 5A OBD
7. 5A A/C
15A TI&TE
30A FR P/SEAT RH
15A MIR
30A FR P/SEAT LH
15A PWR OUTLET
15A INVERTER
25A S/ROOF
30A PSB
20A FR DOOR LH
20A FR DOOR RH
25A DOOR NO. 1
20A RR DOOR LH
20A RR DOOR RH
7. 5A RR FOG
62 2D
W–B
4
E62
Junction Connector
1
W–B
E1


∗ 5 : w/ Entry & Start System
∗ 6 : w/o Entry & Start System
∗11 : Before Jan. 2012 Production
∗12 : From Jan. 2012 Production
W
G
W
1 3A
15A DOOR DL
IG NO. 4 Relay
5A ECU–IG No. 4
20A AHC–B
22
3C
G
20A SEAT–HTR
10A AHC–B No. 2
10A TV
5A ECU–IG No. 3
30A B/DR CLSR RH
10A SEAT–A/C FAN
STRG HTR Relay
30A B/DR CLSR LH
10A STRG HTR
8 3C
W–B
E3

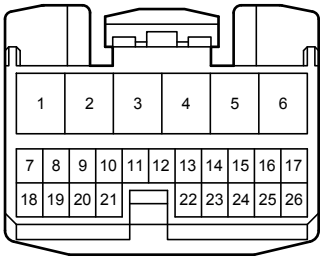
A 32
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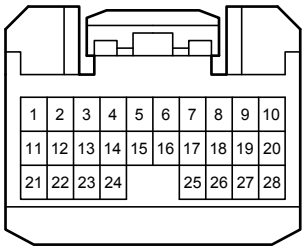
A 34
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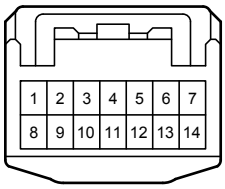
E 1
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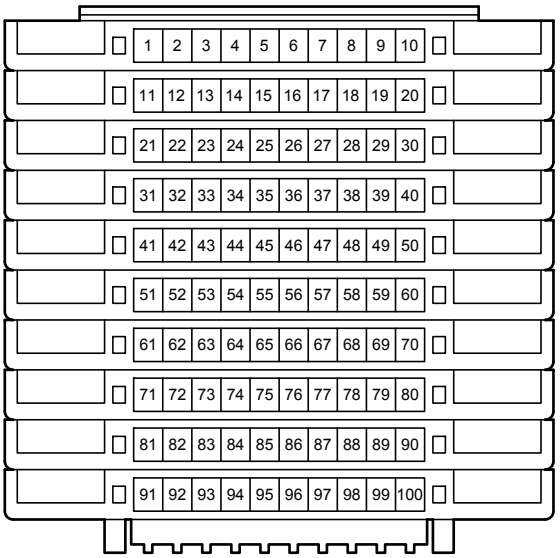
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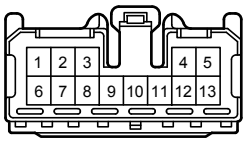
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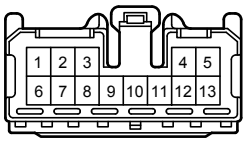
E 59



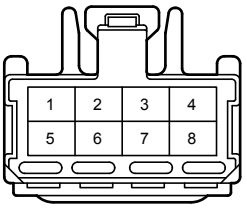
E 62
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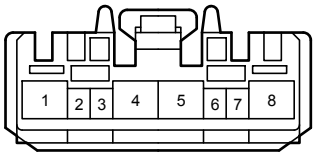
E 67
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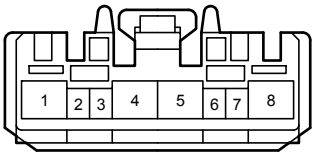
E 93
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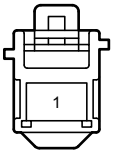
1A
White



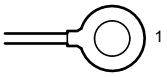
1B
White



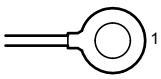
1C
White



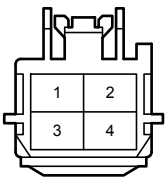
1D



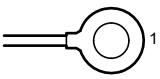
1E



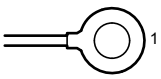
1H
White



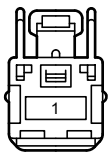
1I



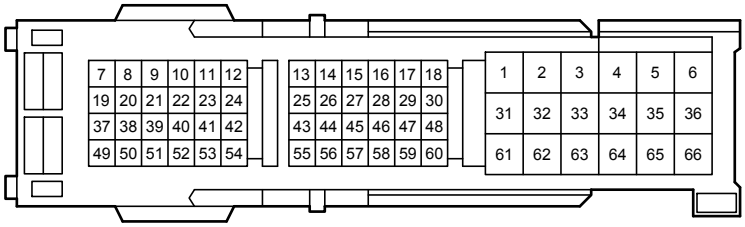
1J



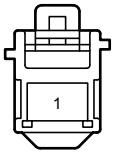
2A
White



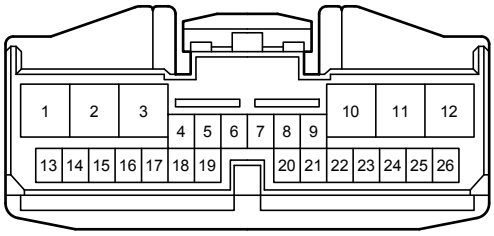
2D
White



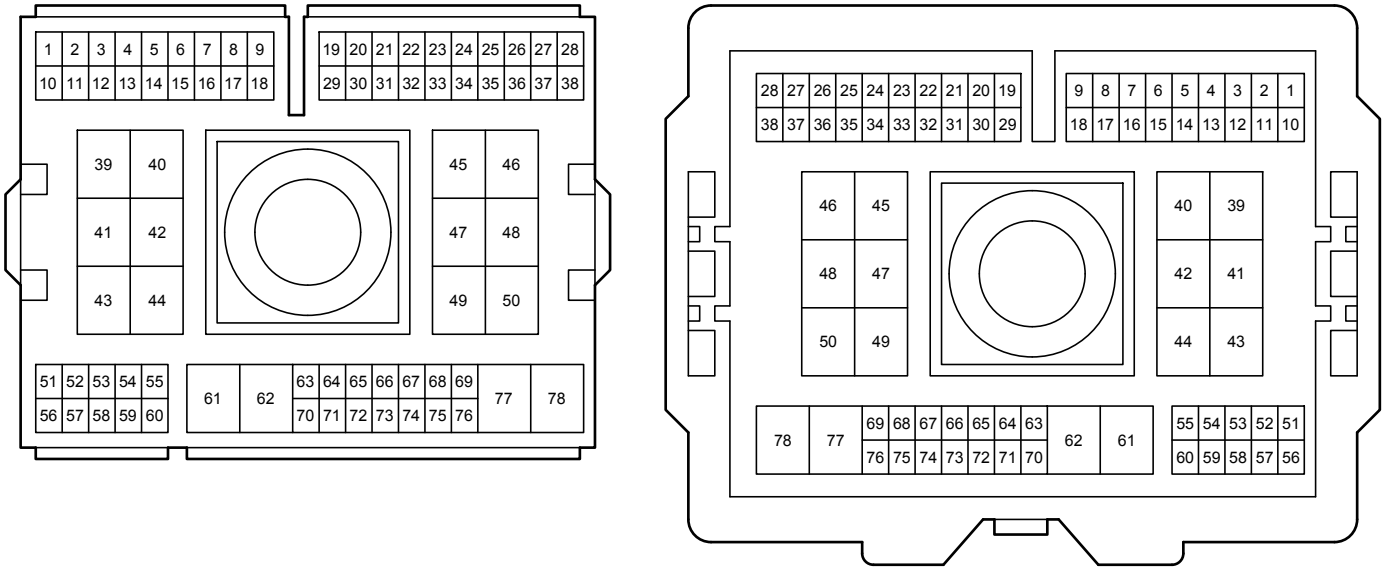
3A
Black

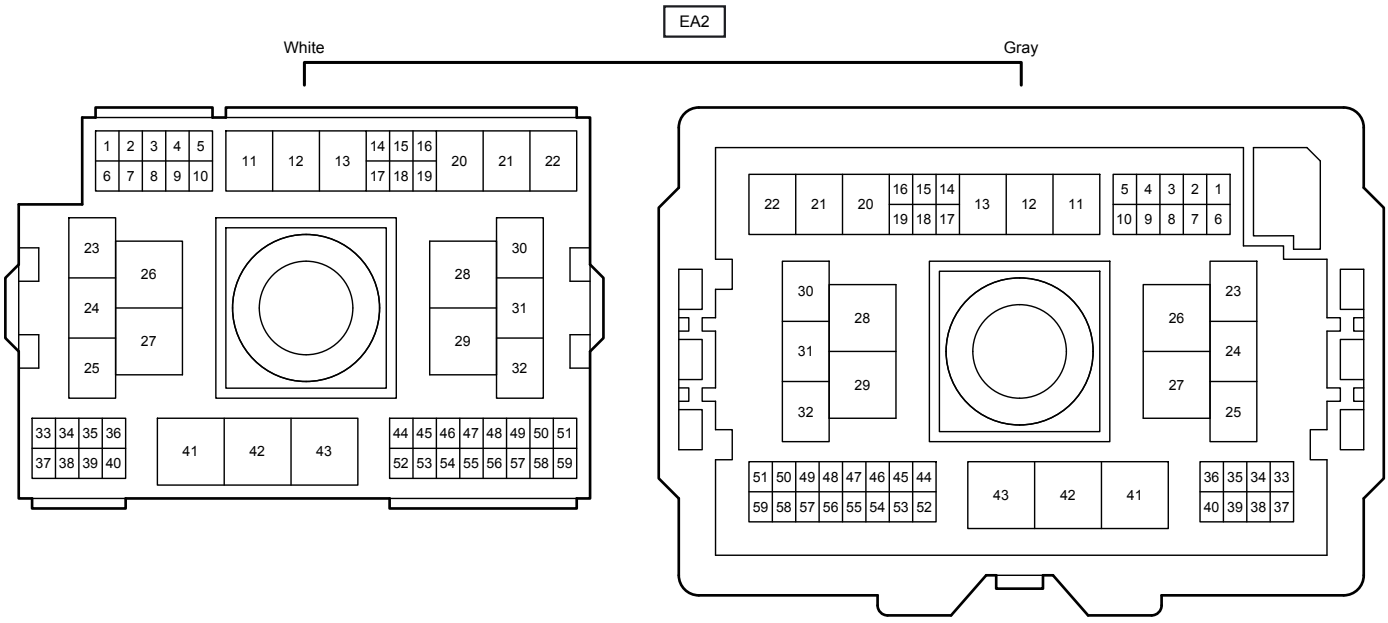


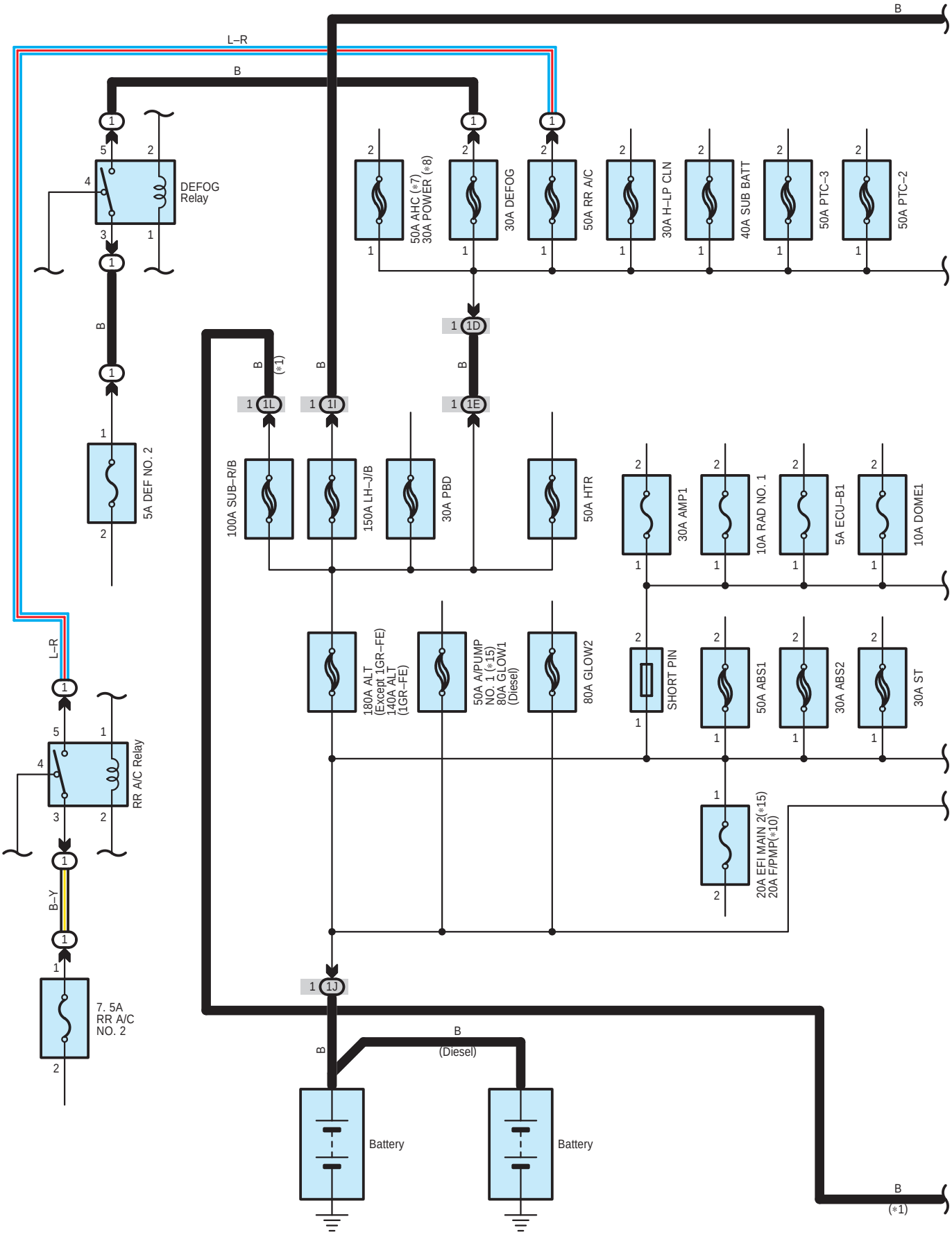
3C
White

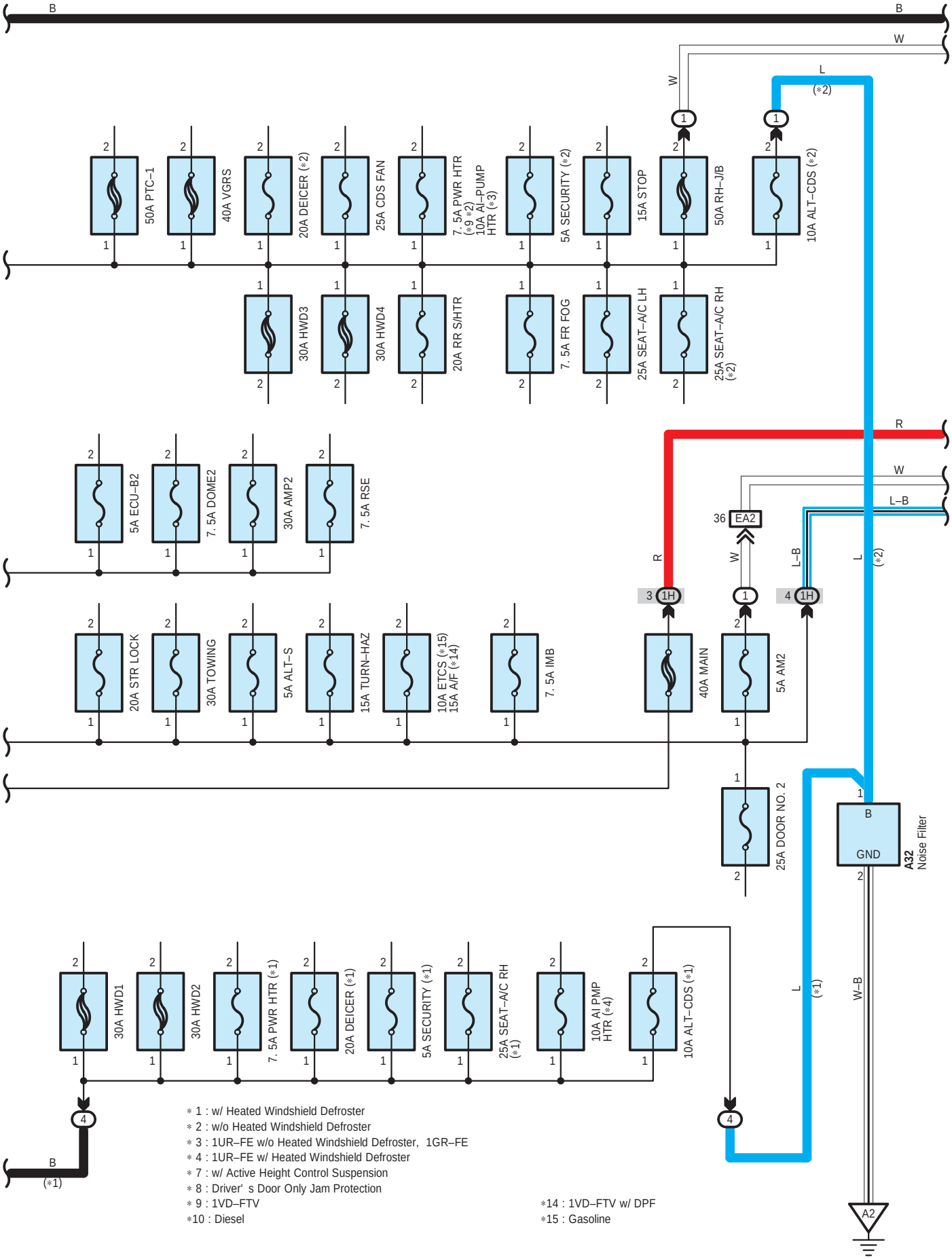


EA1
White

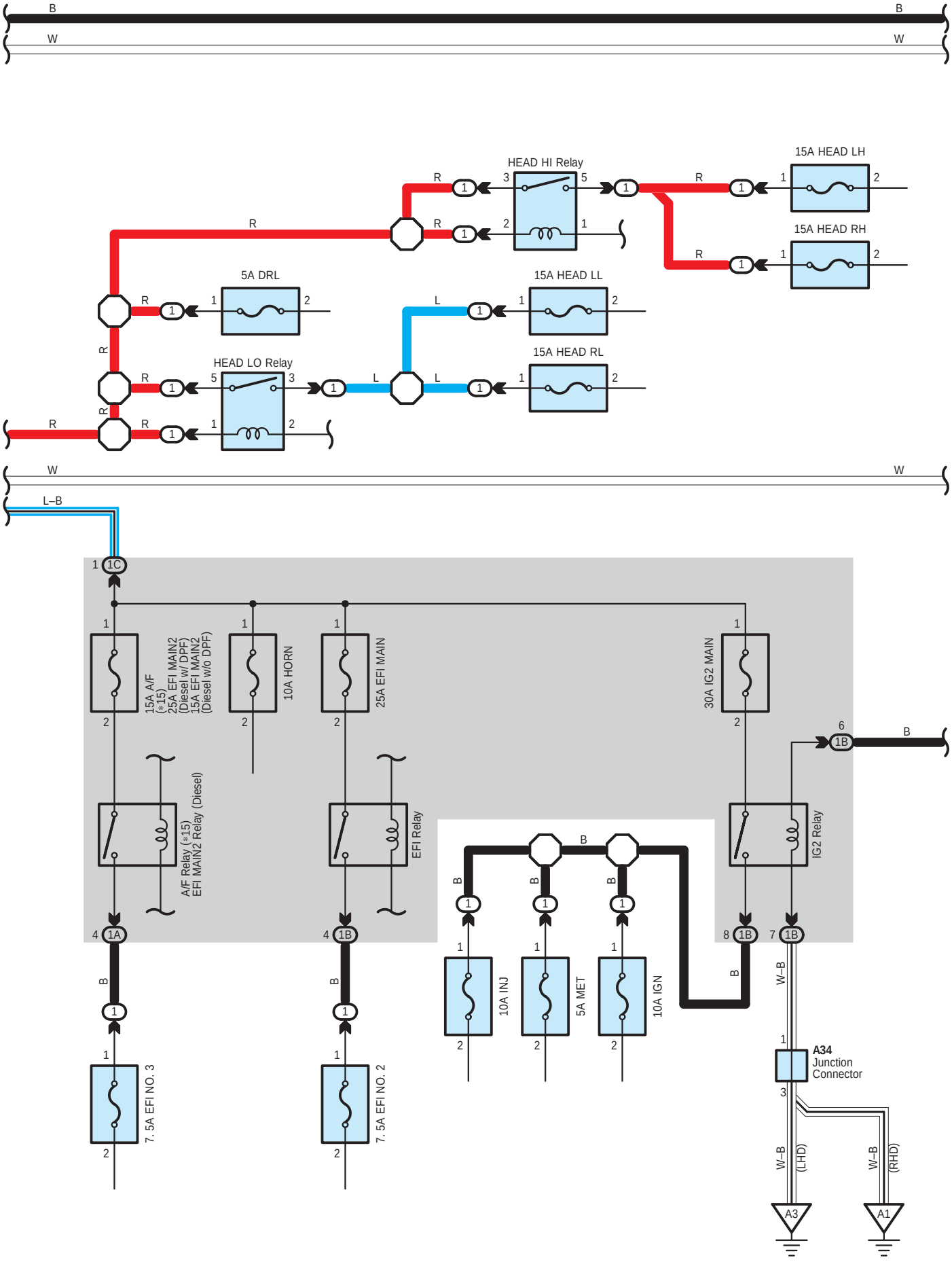


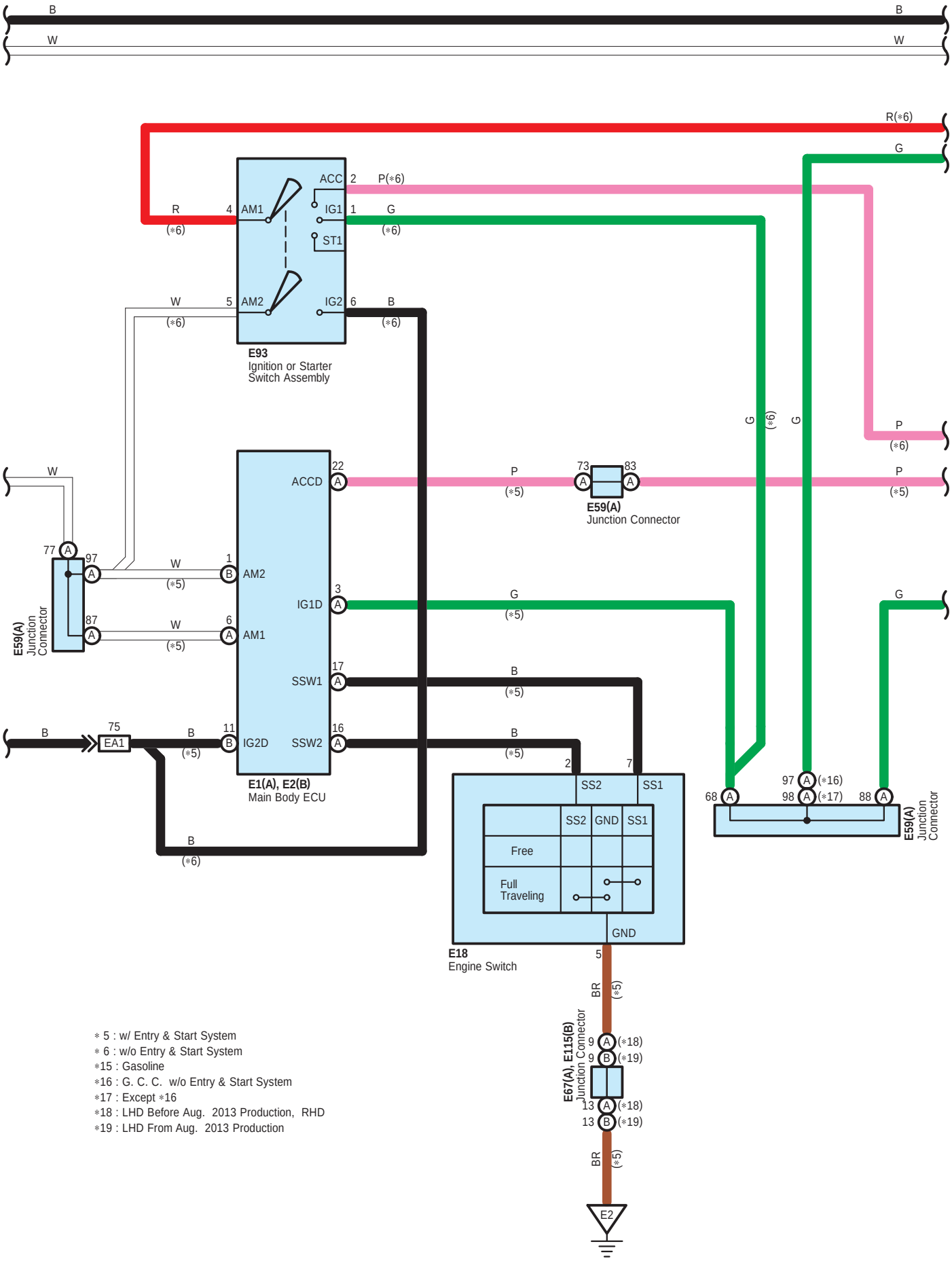

EA2
White
Gray
1 2 3 4 5
6 7 8 9 10
11 12 13 14 15 16
17 18 19 20 21 22
23 24 25 26 27
28 29 30 31 32
33 34 35 36
37 38 39 40
41 42 43
44 45 46 47 48 49 50 51
52 53 54 55 56 57 58 59
22 21 20 16 15 14
19 18 17 13 12 11
5 4 3 2 1
10 9 8 7 6
30 31 32 28 29
26 27 23 24 25
51 50 49 48 47 46 45 44
59 58 57 56 55 54 53 52
43 42 41
36 35 34 33
40 39 38 37


B
L–R
B
DEFOG Relay
50A AHC (*7) 30A POWER (*8)
30A DEFOG
50A RR A/C
30A H–LP CLN
40A SUB BATT
50A PTC–3
50A PTC–2
1D
1E
1L
1I
(*1)
5A DEF NO. 2
100A SUB–R/B
150A LH–J/B
30A PBD
50A HTR
30A AMP1
10A RAD NO. 1
5A ECU–B1
10A DOME1
180A ALT (Except 1GR–FE) 140A ALT (1GR–FE)
50A A/PUMP NO. 1 (*15) 80A GLOW1 (Diesel)
80A GLOW2
SHORT PIN
50A ABS1
30A ABS2
30A ST
20A EFI MAIN 2(*15) 20A F/PMP(*10)
RR A/C Relay
B–Y
7. 5A RR A/C NO. 2
1J
B
(Diesel)
Battery
Battery
B
(*1)

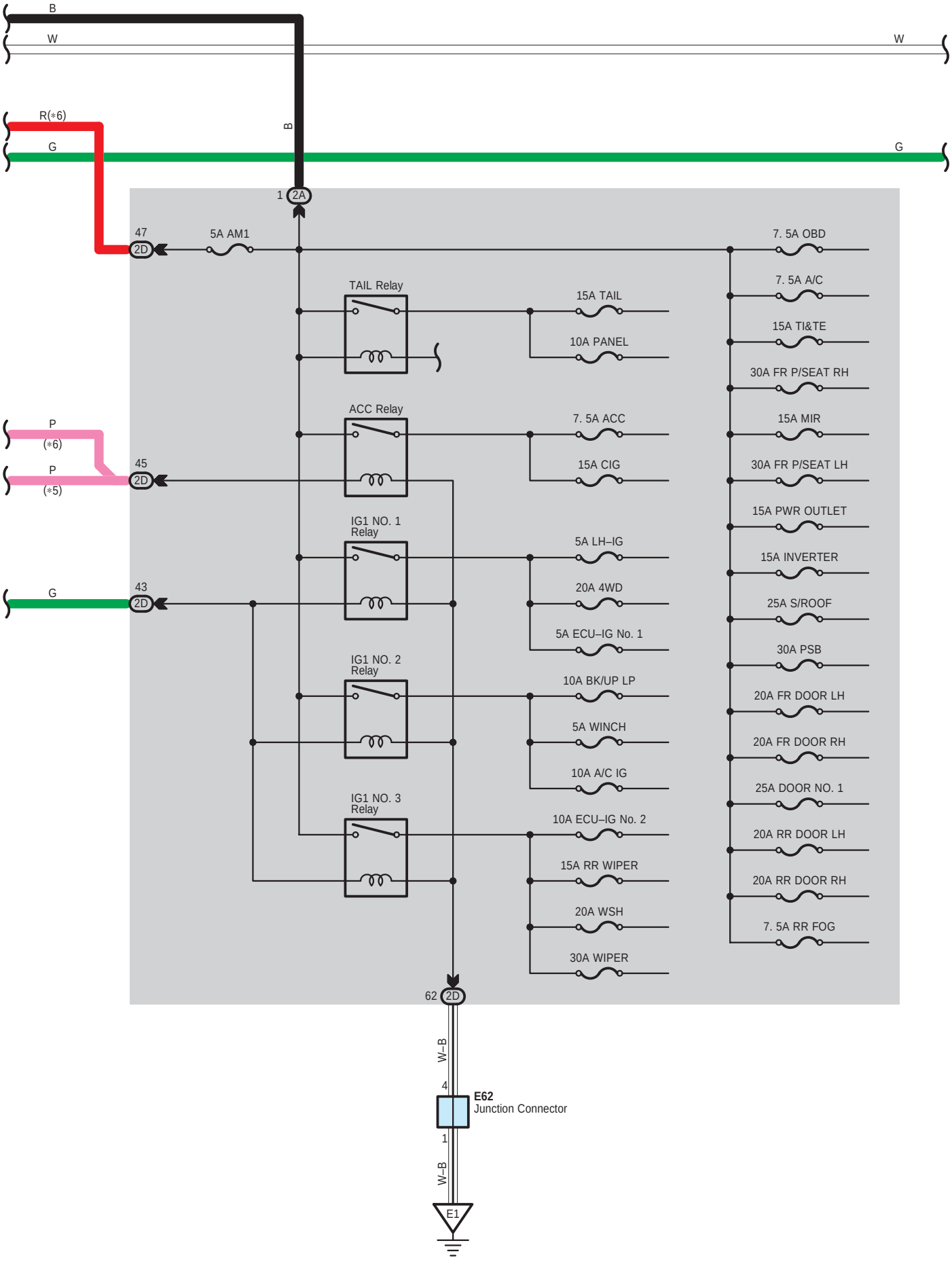


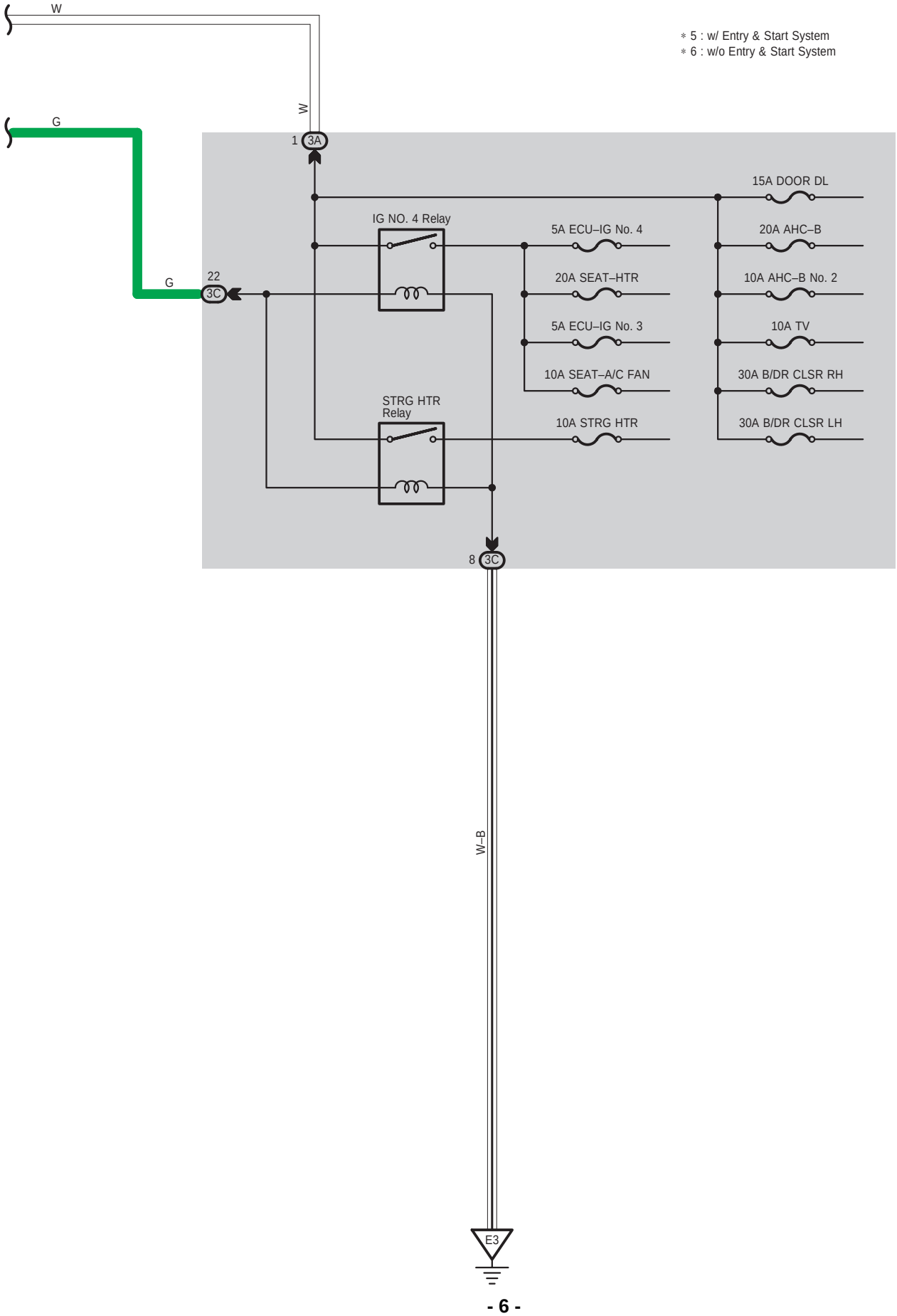
* 1 : w/ Heated Windshield Defroster
* 2 : w/o Heated Windshield Defroster
* 3 : 1UR–FE w/o Heated Windshield Defroster, 1GR–FE
* 4 : 1UR–FE w/ Heated Windshield Defroster
* 7 : w/ Active Height Control Suspension
* 8 : Driver' s Door Only Jam Protection
* 9 : 1VD–FTV
*10 : Diesel
*14 : 1VD–FTV w/ DPF
*15 : Gasoline


B
W
HEAD HI Relay
15A HEAD LH
15A HEAD RH
5A DRL
15A HEAD LL
HEAD LO Relay
15A HEAD RL
L–B
15A A/F (*15)
25A EFI MAIN2 (Diesel w/ DPF)
15A EFI MAIN2 (Diesel w/o DPF)
10A HORN
25A EFI MAIN
30A IG2 MAIN
A/F Relay (*15)
EFI MAIN2 Relay (Diesel)
EFI Relay
IG2 Relay
10A INJ
5A MET
10A IGN
7. 5A EFI NO. 3
7. 5A EFI NO. 2
W–B
A34
Junction Connector
(LHD)
(RHD)
A3
A1

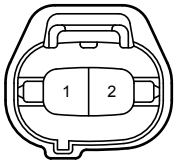


∗ 5 : w/ Entry & Start System
∗ 6 : w/o Entry & Start System
∗15 : Gasoline
∗16 : G. C. C. w/o Entry & Start System
∗17 : Except ∗16
∗18 : LHD Before Aug. 2013 Production, RHD
∗19 : LHD From Aug. 2013 Production

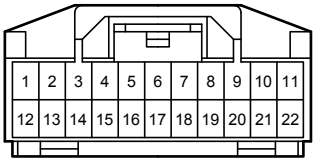

B
W
W
R(*6)
G
G
B
1
2A
47
2D
5A AM1
7. 5A OBD
TAIL Relay
15A TAIL
7. 5A A/C
10A PANEL
15A TI&TE
30A FR P/SEAT RH
ACC Relay
7. 5A ACC
15A MIR
P
(*6)
15A CIG
30A FR P/SEAT LH
P
(*5)
45
2D
IG1 NO. 1
Relay
5A LH–IG
15A PWR OUTLET
15A INVERTER
G
43
2D
20A 4WD
25A S/ROOF
5A ECU–IG No. 1
30A PSB
IG1 NO. 2
Relay
10A BK/UP LP
20A FR DOOR LH
5A WINCH
20A FR DOOR RH
10A A/C IG
25A DOOR NO. 1
IG1 NO. 3
Relay
10A ECU–IG No. 2
20A RR DOOR LH
15A RR WIPER
20A RR DOOR RH
20A WSH
7. 5A RR FOG
30A WIPER
62
2D
W–B
4
E62
Junction Connector
1
W–B
E1


W
G
W
1 3A
* 5 : w/ Entry & Start System
* 6 : w/o Entry & Start System
15A DOOR DL
IG NO. 4 Relay
5A ECU–IG No. 4
20A AHC–B
G
22
3C
20A SEAT–HTR
10A AHC–B No. 2
5A ECU–IG No. 3
10A TV
10A SEAT–A/C FAN
30A B/DR CLSR RH
STRG HTR
Relay
10A STRG HTR
30A B/DR CLSR LH
8 3C
W–B
E3

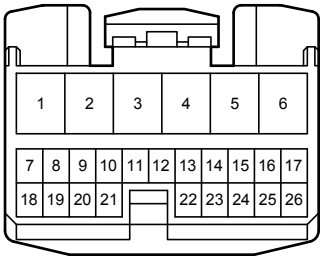
A 32
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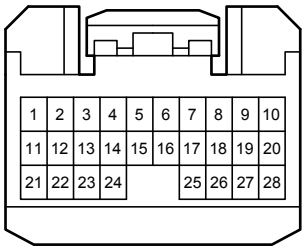
A 34
White



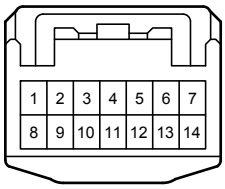
E 1
White



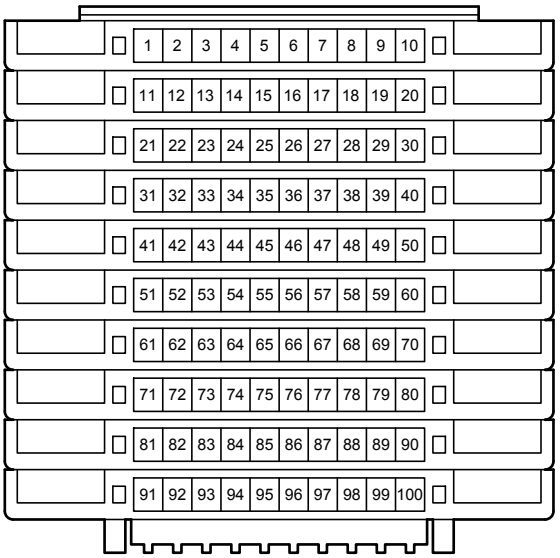
E 2
White



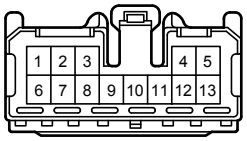
E 18
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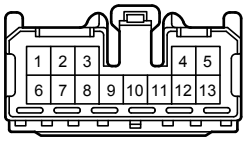
E 59



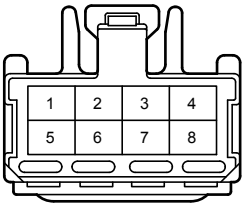
E 62
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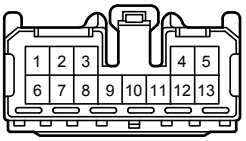
E 67
White



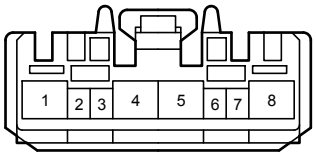
E 93
White



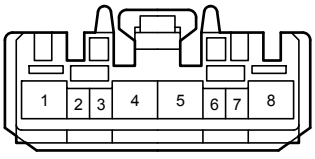
E115
White



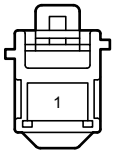
1A
White



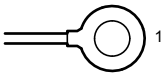
1B
White



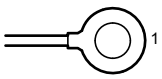
1C
White



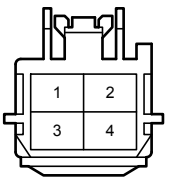
1D



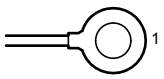
1E



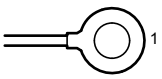
1H
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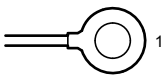
1I



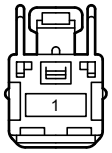
1J



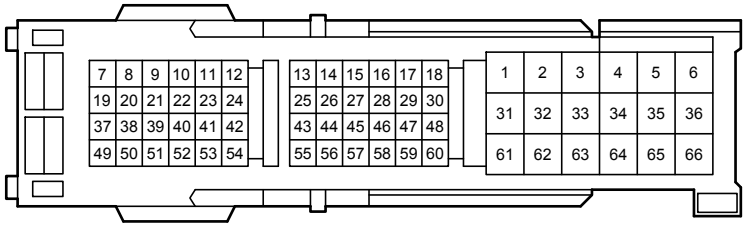
1L



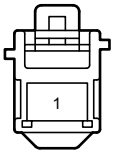
2A
White



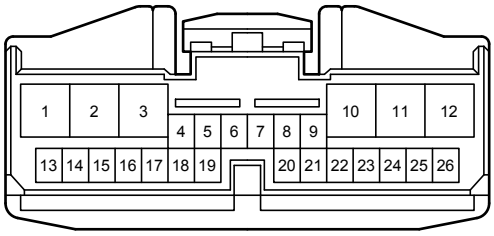
2D
White



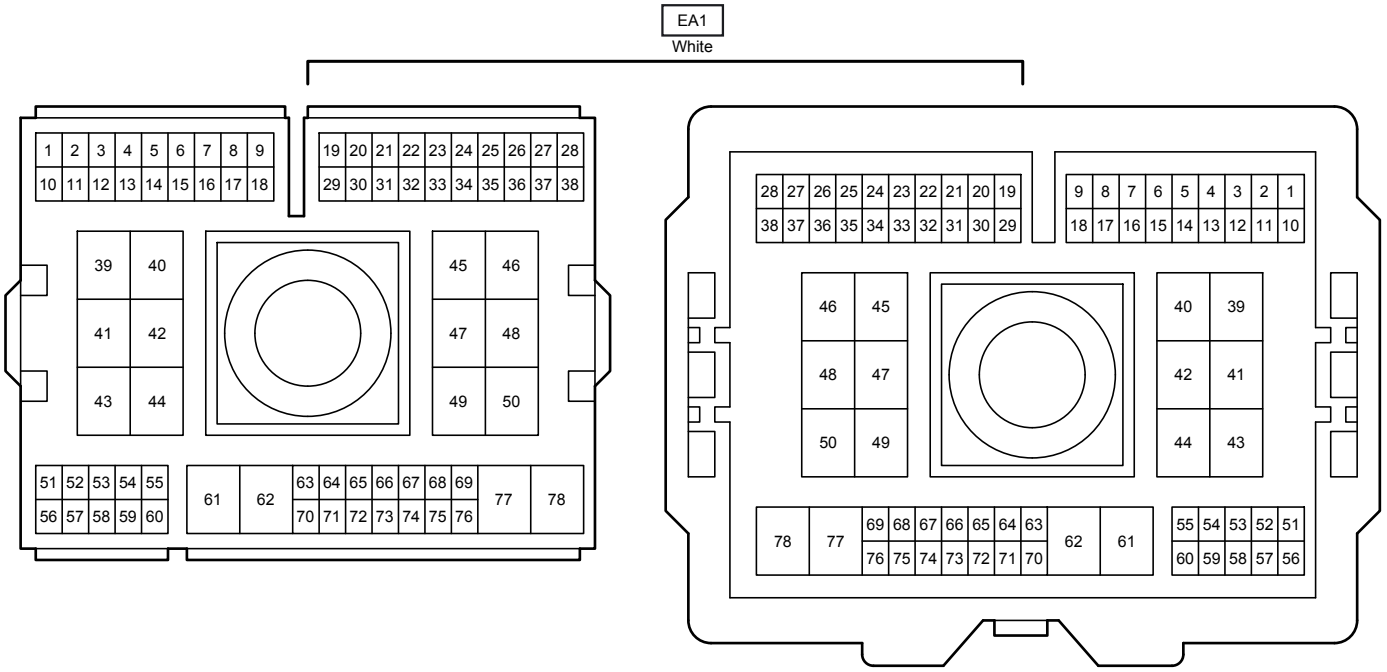
3A
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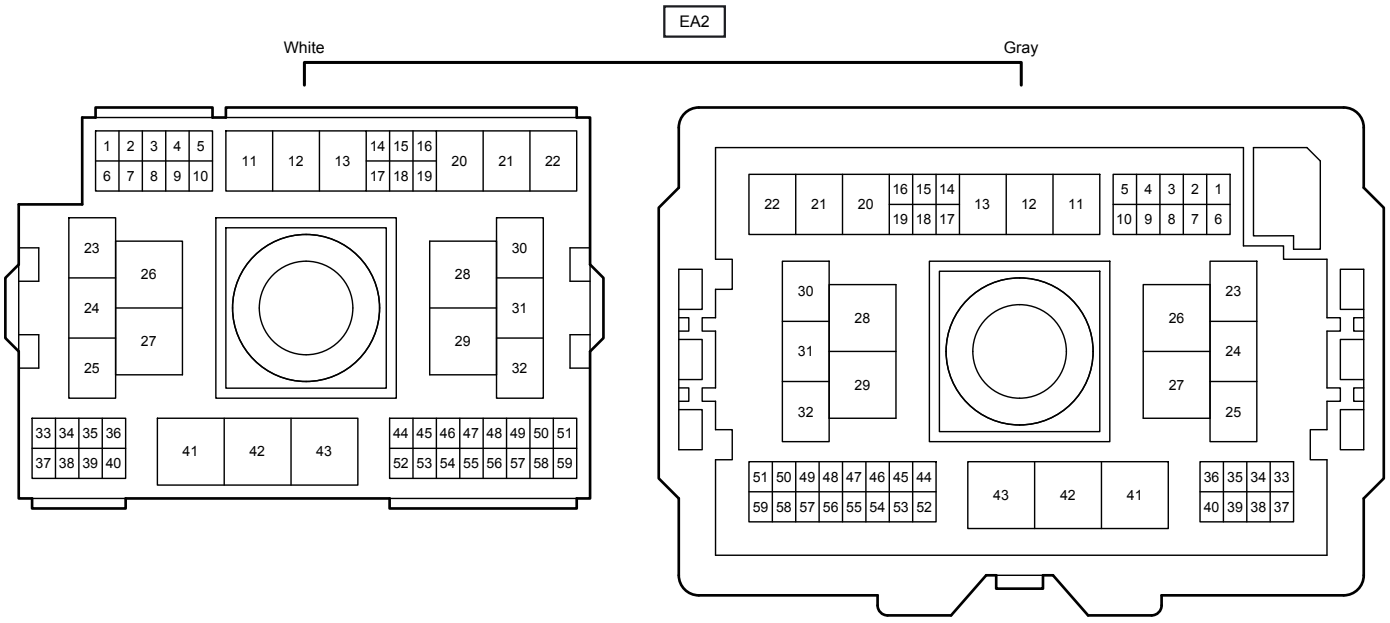


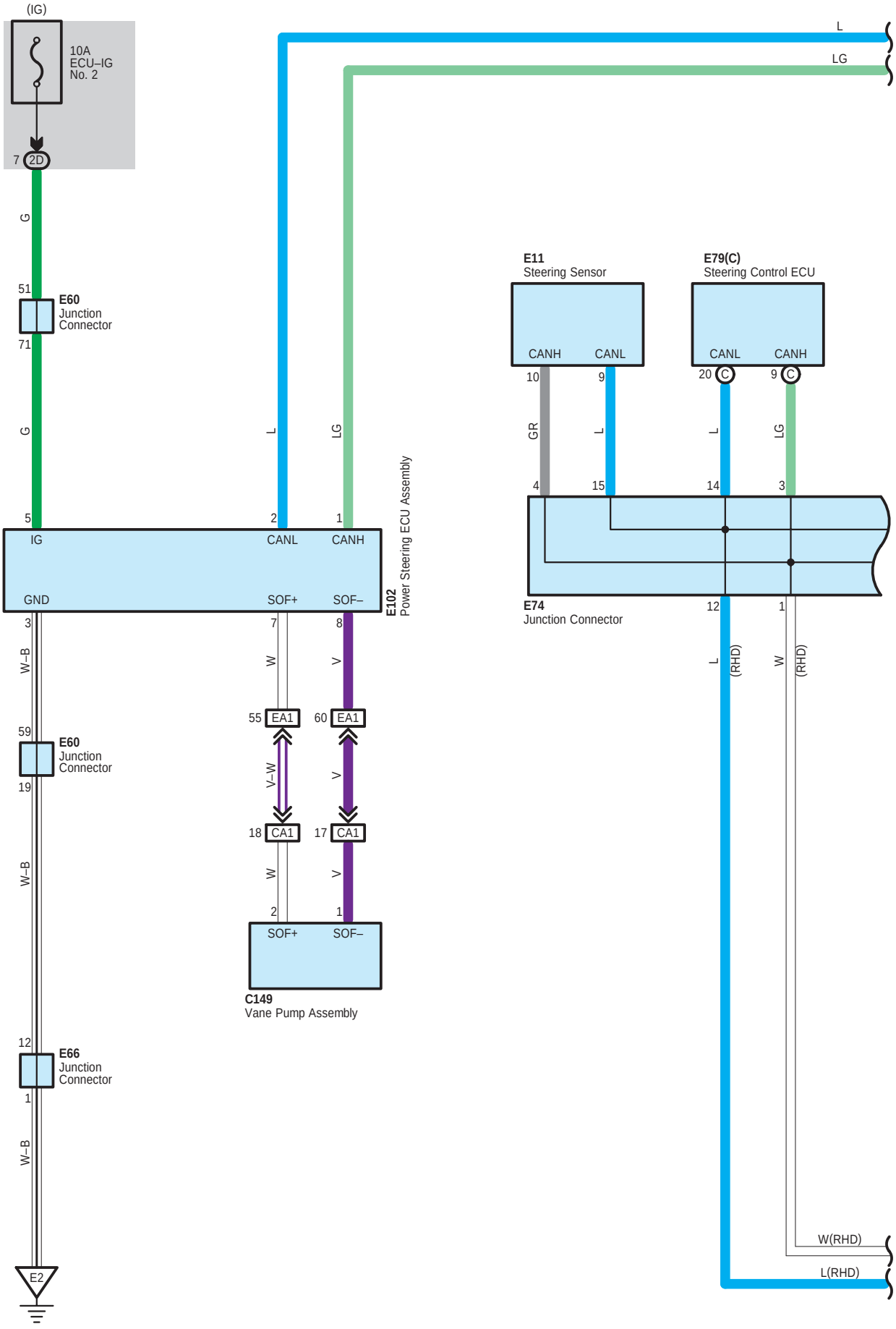
3C
White

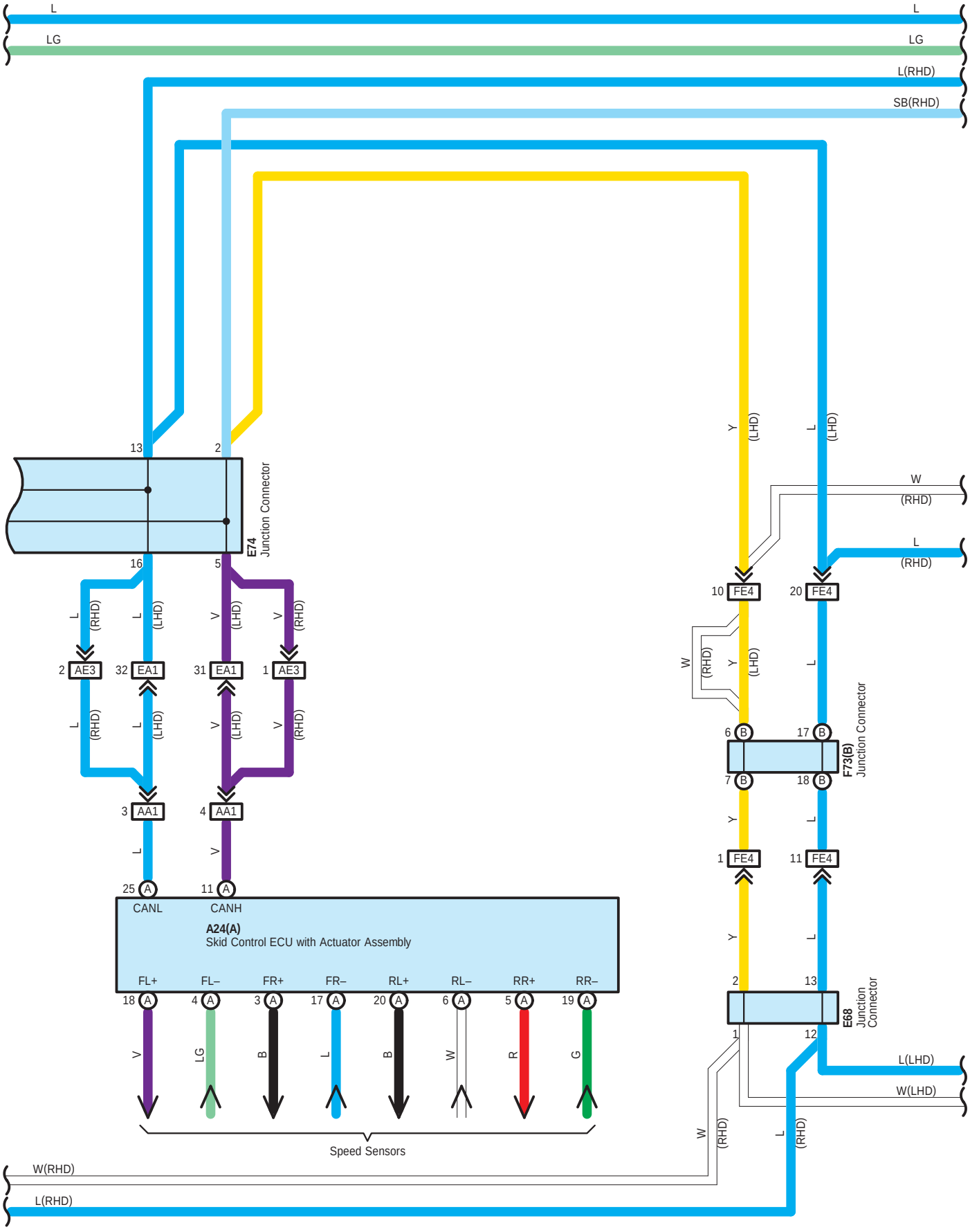


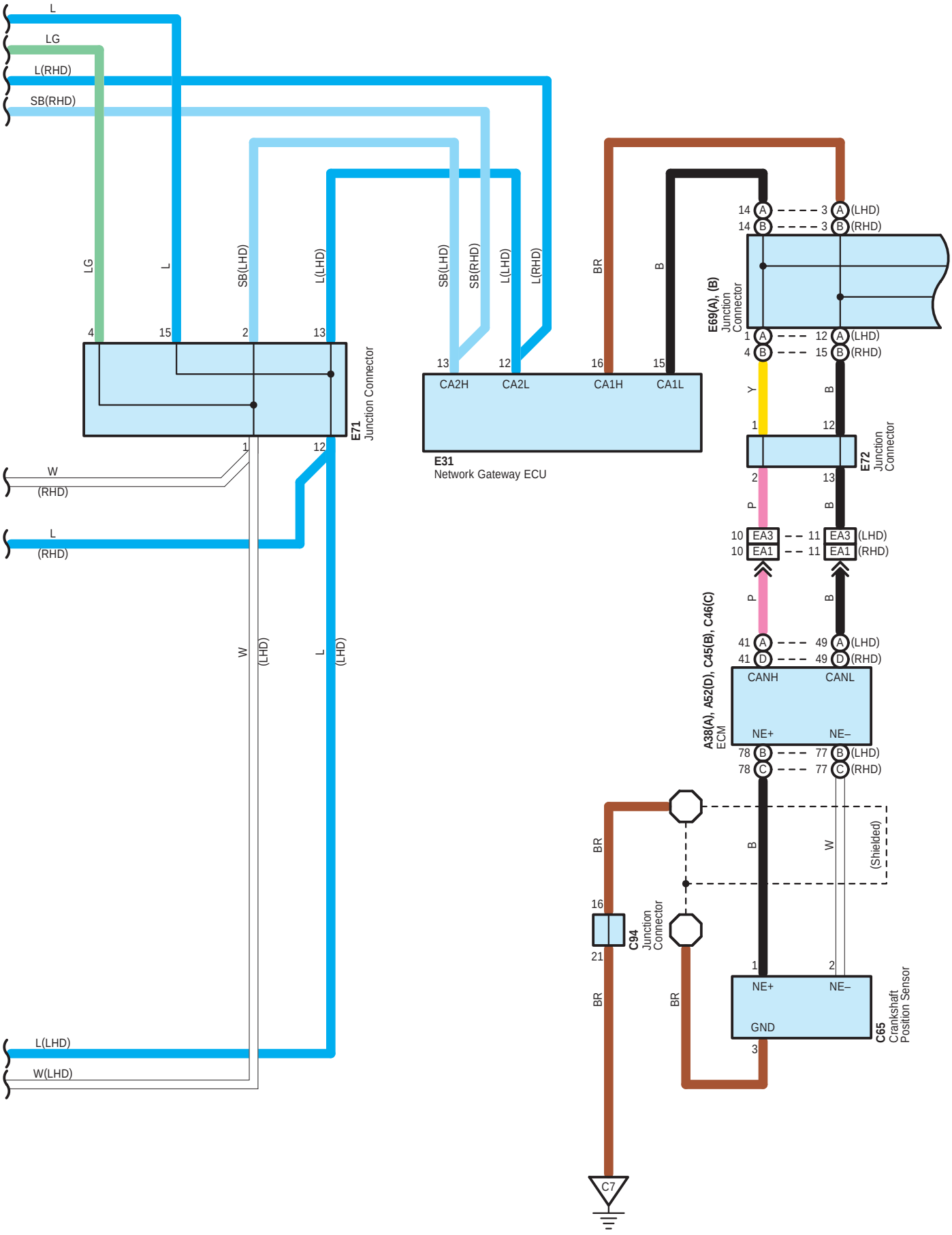
EA1
White

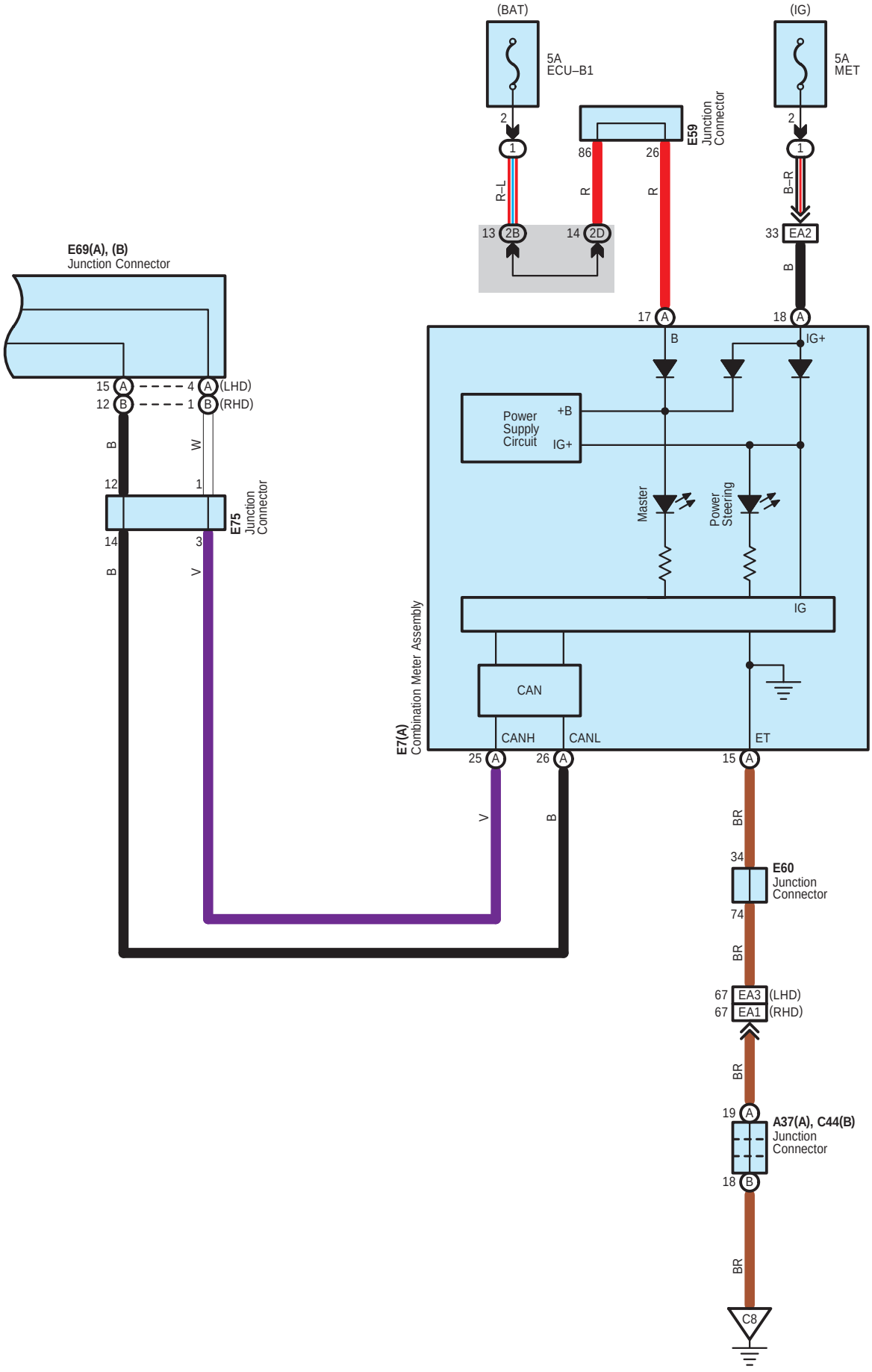



EA2
White
Gray
1 2 3 4 5
6 7 8 9 10
11 12 13 14 15 16
17 18 19 20 21 22
23 24 25 26 27 28 29 30 31 32
33 34 35 36
37 38 39 40
41 42 43
44 45 46 47 48 49 50 51
52 53 54 55 56 57 58 59
22 21 20 16 15 14
19 18 17 13 12 11
5 4 3 2 1
10 9 8 7 6
30 31 32 28 29 26 27 23 24 25
51 50 49 48 47 46 45 44
59 58 57 56 55 54 53 52
43 42 41
36 35 34 33
40 39 38 37

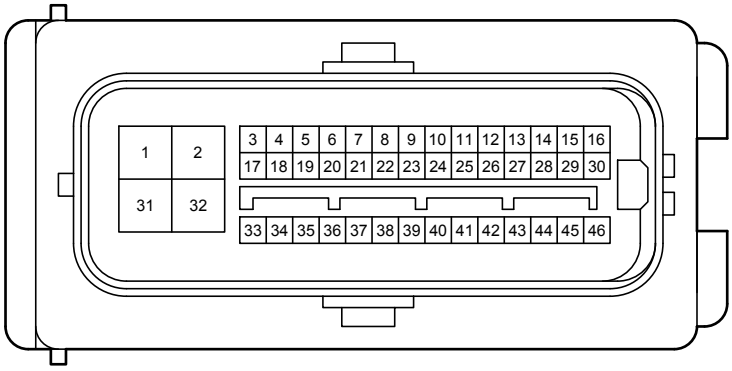

(IG)
10A
ECU–IG
No. 2
7
2D
G
51
E60
Junction
Connector
71
G
5
IG
GND
3
W–B
59
E60
Junction
Connector
19
W–B
12
E66
Junction
Connector
1
W–B
E2
L
LG
2
1
CANL
CANH
SOF+
SOF–
E102
Power Steering ECU Assembly
7
8
W
V
55
EA1
60
EA1
V–W
V
18
CA1
17
CA1
W
V
2
1
SOF+
SOF–
C149
Vane Pump Assembly
E11
Steering Sensor
CANH
CANL
10
9
GR
L
4
15
E79(C)
Steering Control ECU
CANL
CANH
20
C
9
C
L
LG
14
3
E74
Junction Connector
12
1
L
(RHD)
W
(RHD)
W(RHD)
L(RHD)


L
LG
L(RHD)
SB(RHD)
13
2
E74
Junction Connector
16
5
L (RHD)
L (LHD)
V (LHD)
V (RHD)
2 AE3
32 EA1
31 EA1
1 AE3
3 AA1
4 AA1
25 A
11 A
CANL
CANH
A24(A)
Skid Control ECU with Actuator Assembly
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
V
LG
B
L
B
W
R
G
Speed Sensors
W(RHD)
L(RHD)
Y (LHD)
L (LHD)
W
(RHD)
L
(RHD)
10 FE4
20 FE4
W (RHD)
Y (LHD)
6 B
17 B
7 B
18 B
F73(B)
Junction Connector
1 FE4
11 FE4
2
13
1
12
E68
Junction Connector
L(LHD)
W(LHD)
W (RHD)
L (RHD)

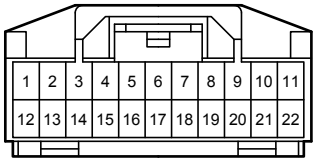

L
LG
L(RHD)
SB(RHD)
LG
L
SB(LHD)
L(LHD)
SB(LHD)
SB(RHD)
L(LHD)
L(RHD)
BR
B
4
15
2
13
13
12
16
15
E71
Junction Connector
CA2H
CA2L
CA1H
CA1L
E31
Network Gateway ECU
14 A
14 B
3 A (LHD)
3 B (RHD)
E69(A), (B)
Junction Connector
1 A
4 B
12 A (LHD)
15 B (RHD)
Y
B
1
12
E72
Junction Connector
2
13
P
B
10 EA3
10 EA1
11 EA3 (LHD)
11 EA1 (RHD)
P
B
41 A
41 D
49 A (LHD)
49 D (RHD)
CANH
CANL
NE+
NE–
A38(A), A52(D), C45(B), C46(C)
ECM
78 B
78 C
77 B (LHD)
77 C (RHD)
1
12
W
(RHD)
L
(RHD)
W
(LHD)
L
(LHD)
L(LHD)
W(LHD)
BR
B
W
(Shielded)
16
21
C94
Junction Connector
BR
BR
1
2
NE+
NE–
GND
3
C65
Crankshaft Position Sensor
C7


(BAT)
5A
ECU–B1
2
1
R–L
13 2B
14 2D
E59
Junction
Connector
86
26
R
R
(IG)
5A
MET
2
1
B–R
33 EA2
B
17 A
18 A
B
IG+
E69(A), (B)
Junction Connector
15 A
12 B
4 A (LHD)
1 B (RHD)
B
W
12
1
E75
Junction
Connector
14
3
B
V
Power
Supply
Circuit
+B
IG+
Master
Power
Steering
IG
CAN
CANH
CANL
ET
E7(A)
Combination Meter Assembly
25 A
26 A
15 A
V
B
BR
34
E60
Junction
Connector
74
BR
67 EA3 (LHD)
67 EA1 (RHD)
BR
19 A
A37(A), C44(B)
Junction
Connector
18 B
BR
C8

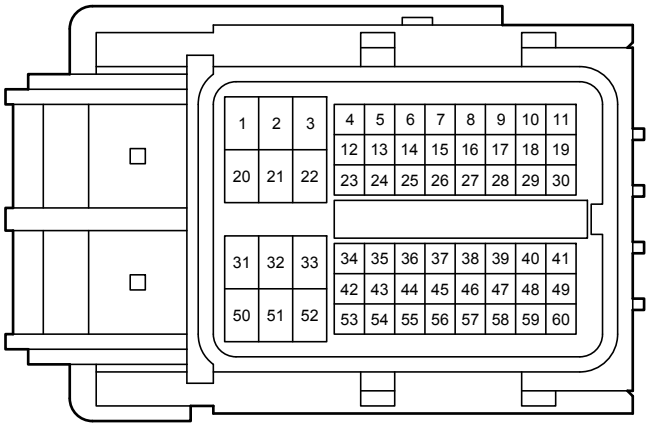
A 24
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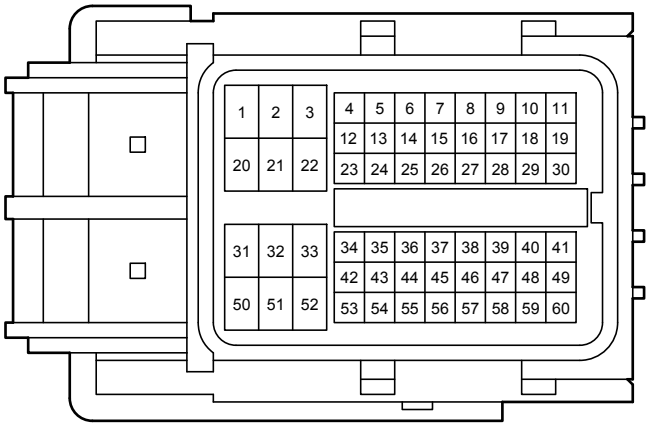
A 37
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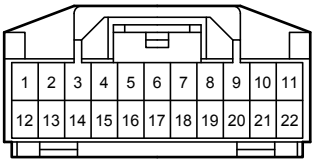
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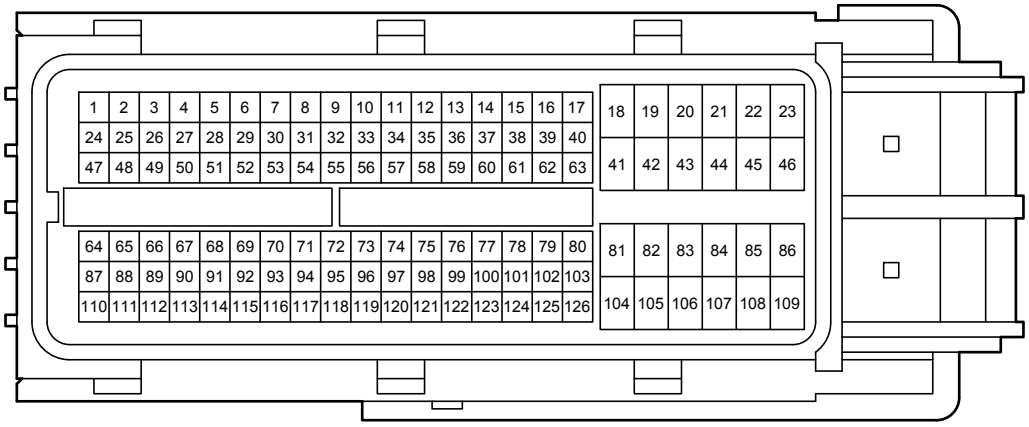
A 52
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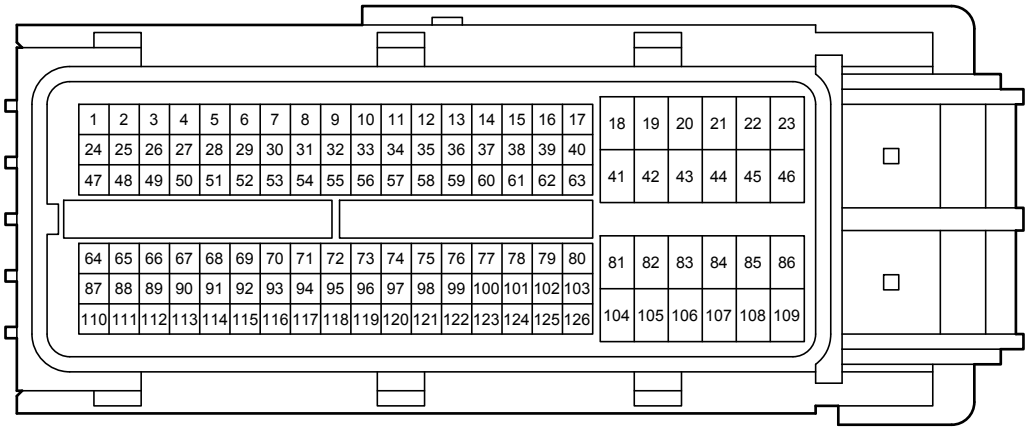
C 44
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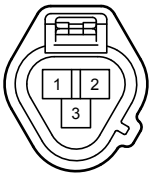
C 45
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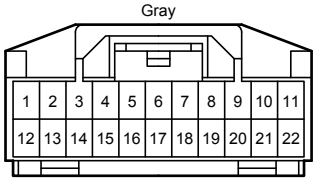
C 46
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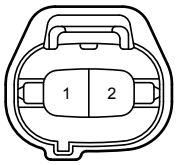
C 65
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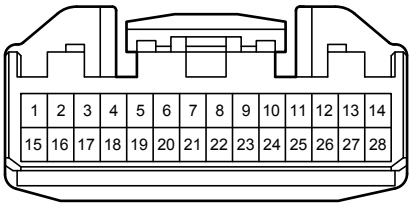
C 94
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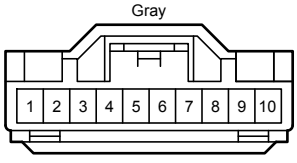
C149
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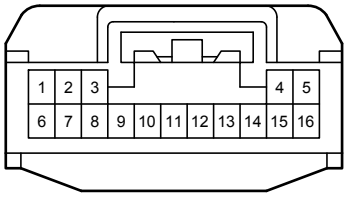
E 7
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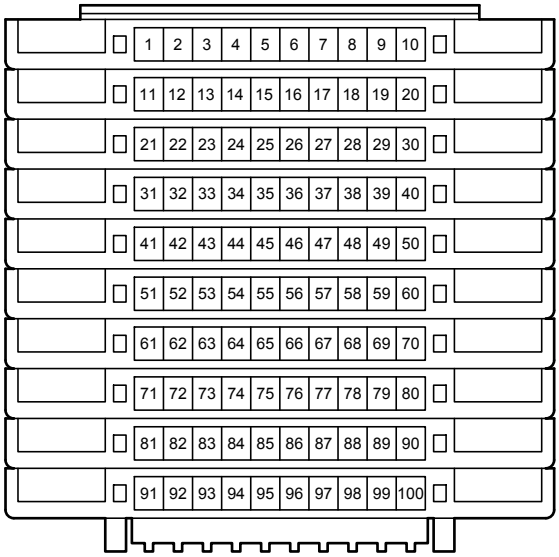
E 11
Gray



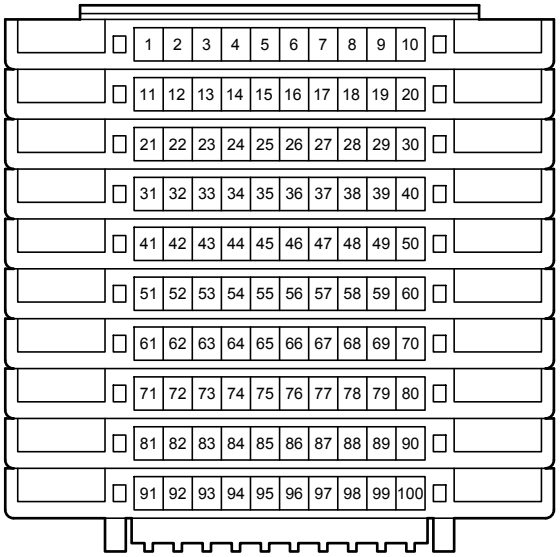
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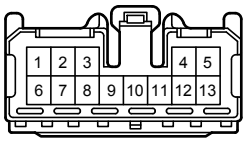
E 59



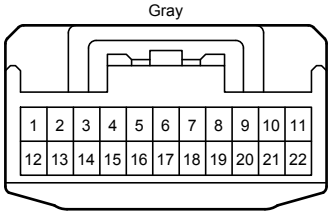
E 60



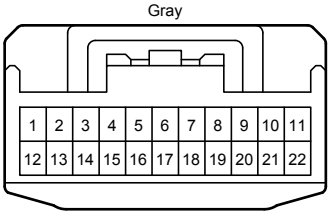
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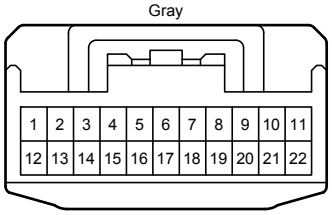
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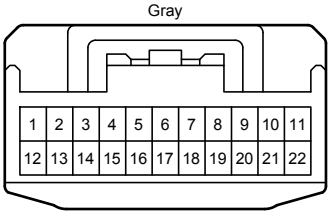
E 69
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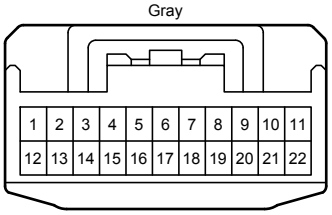
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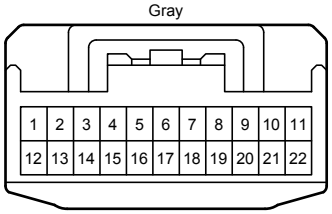
E 72
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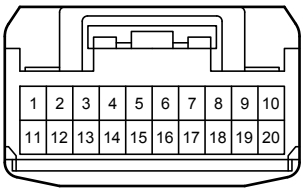
E 74
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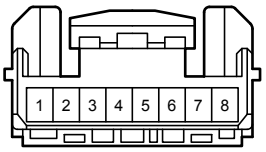
E 75
Gray



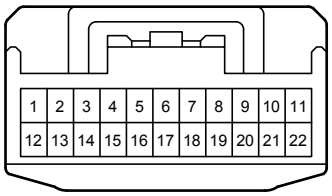
E 79
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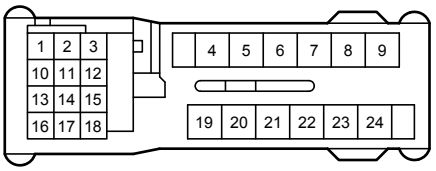
E102
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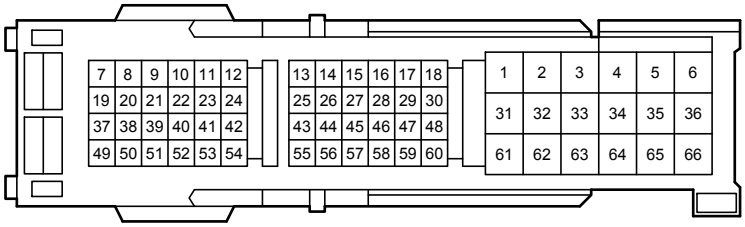
F 73
Blue



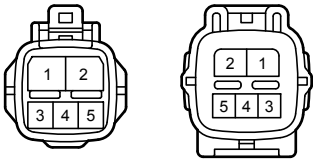
2B
White



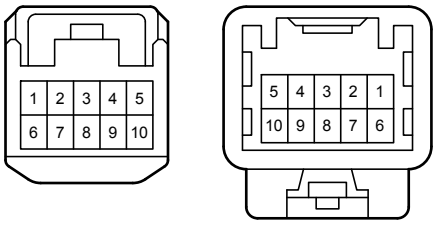
2D
White



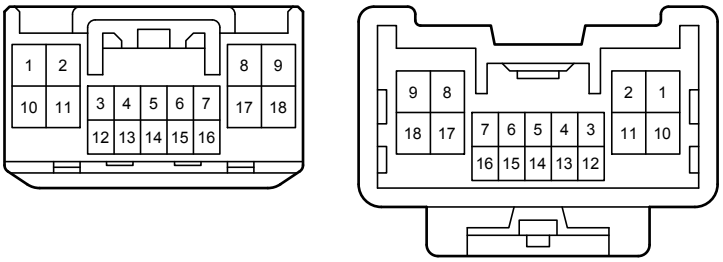
AA1
Gray



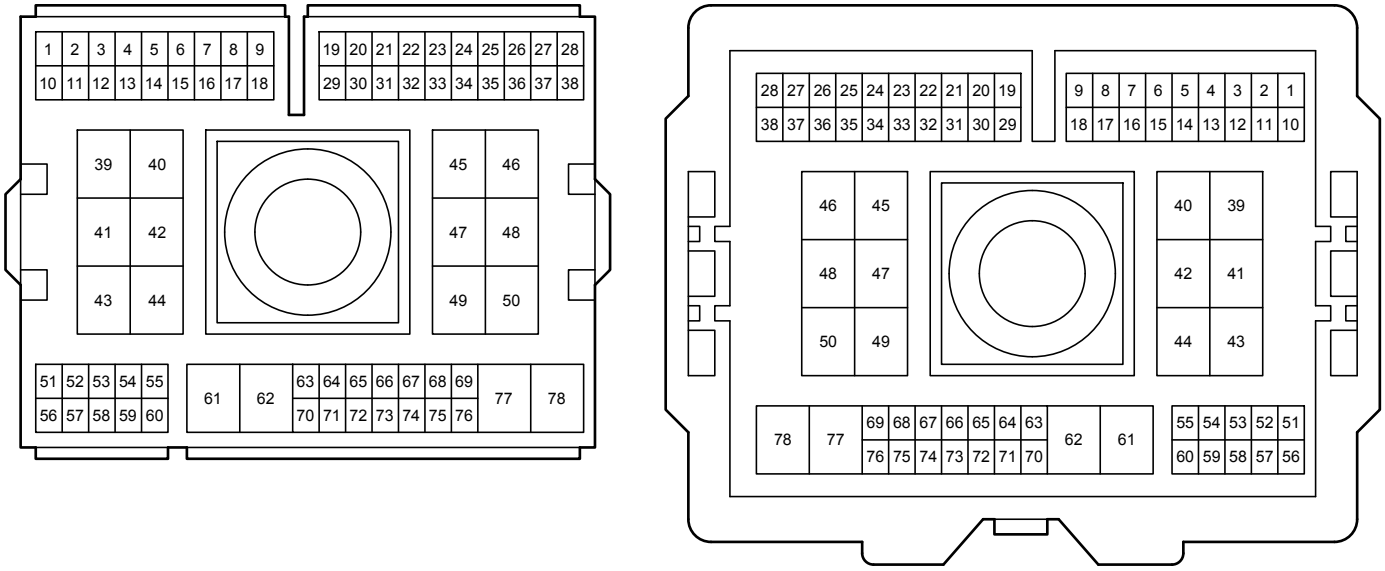
AE3
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CA1
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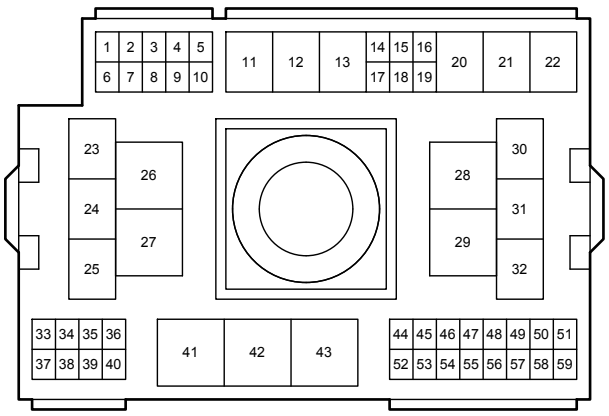


EA1
White

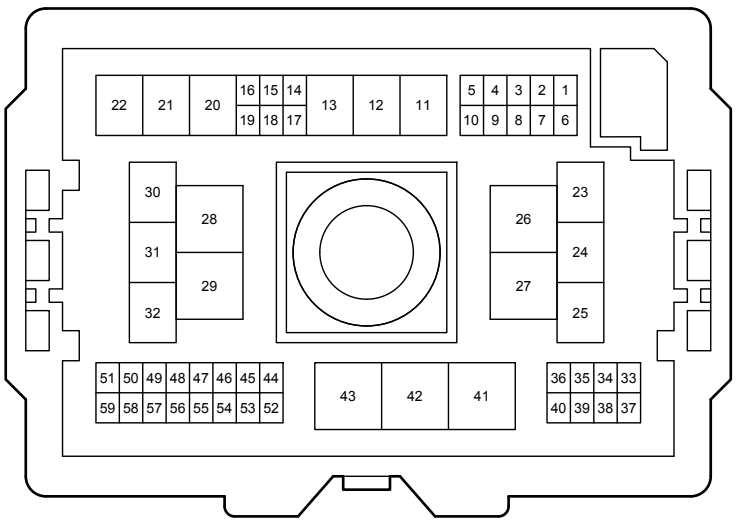


EA2

White

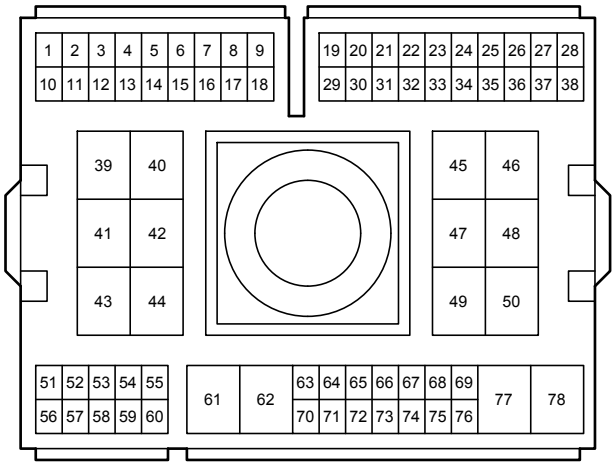


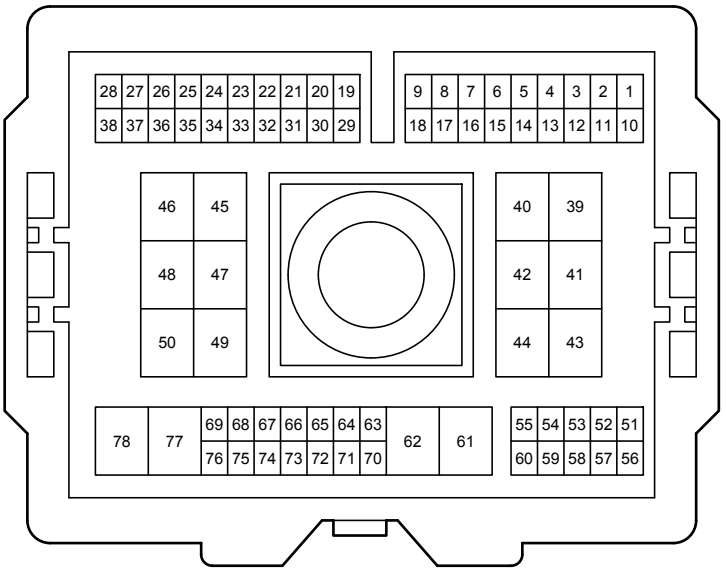
Gray



EA3

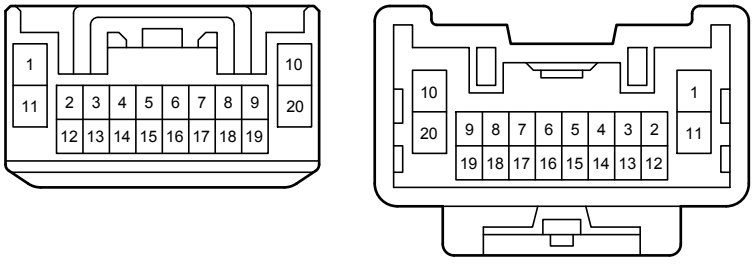
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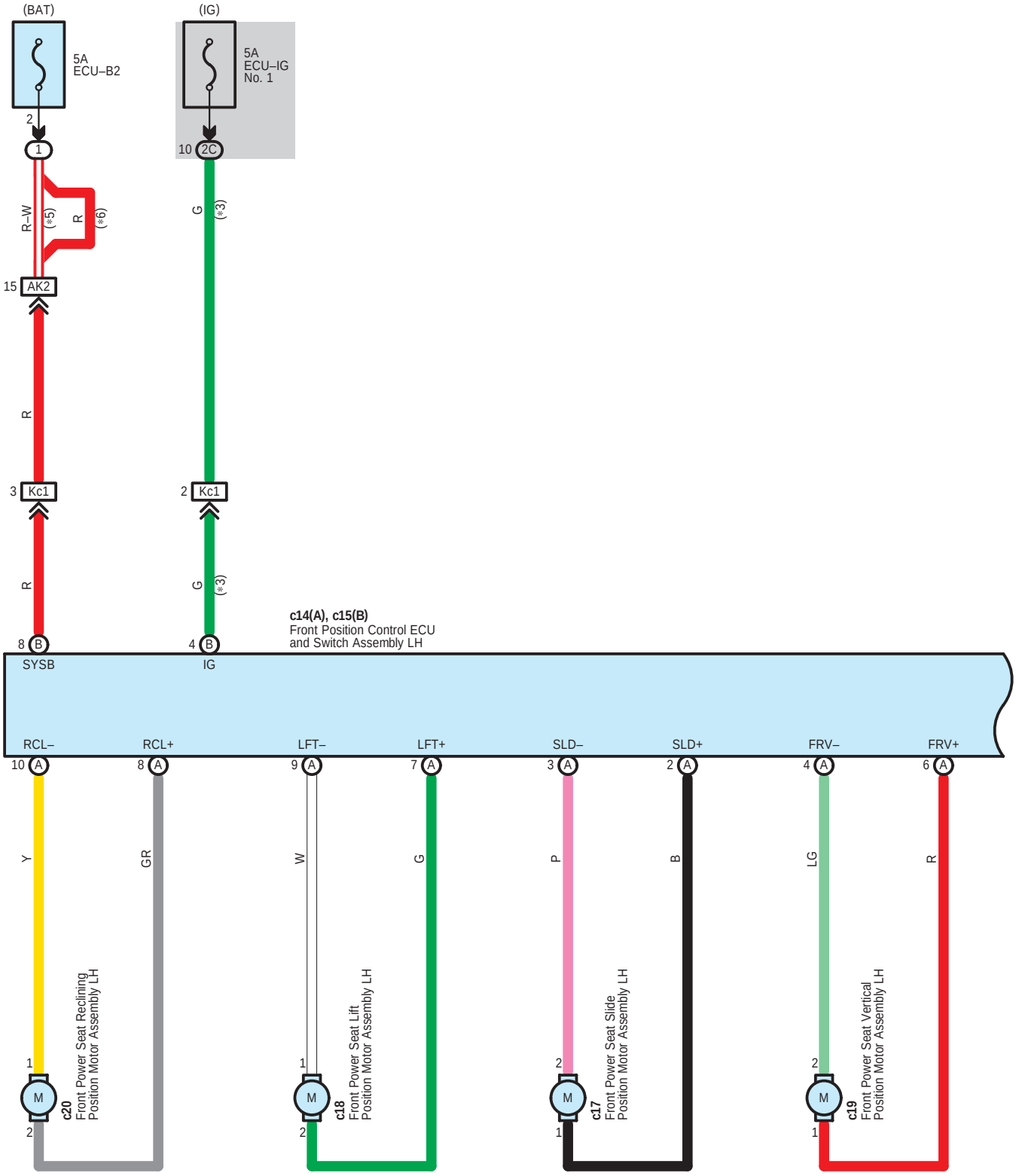


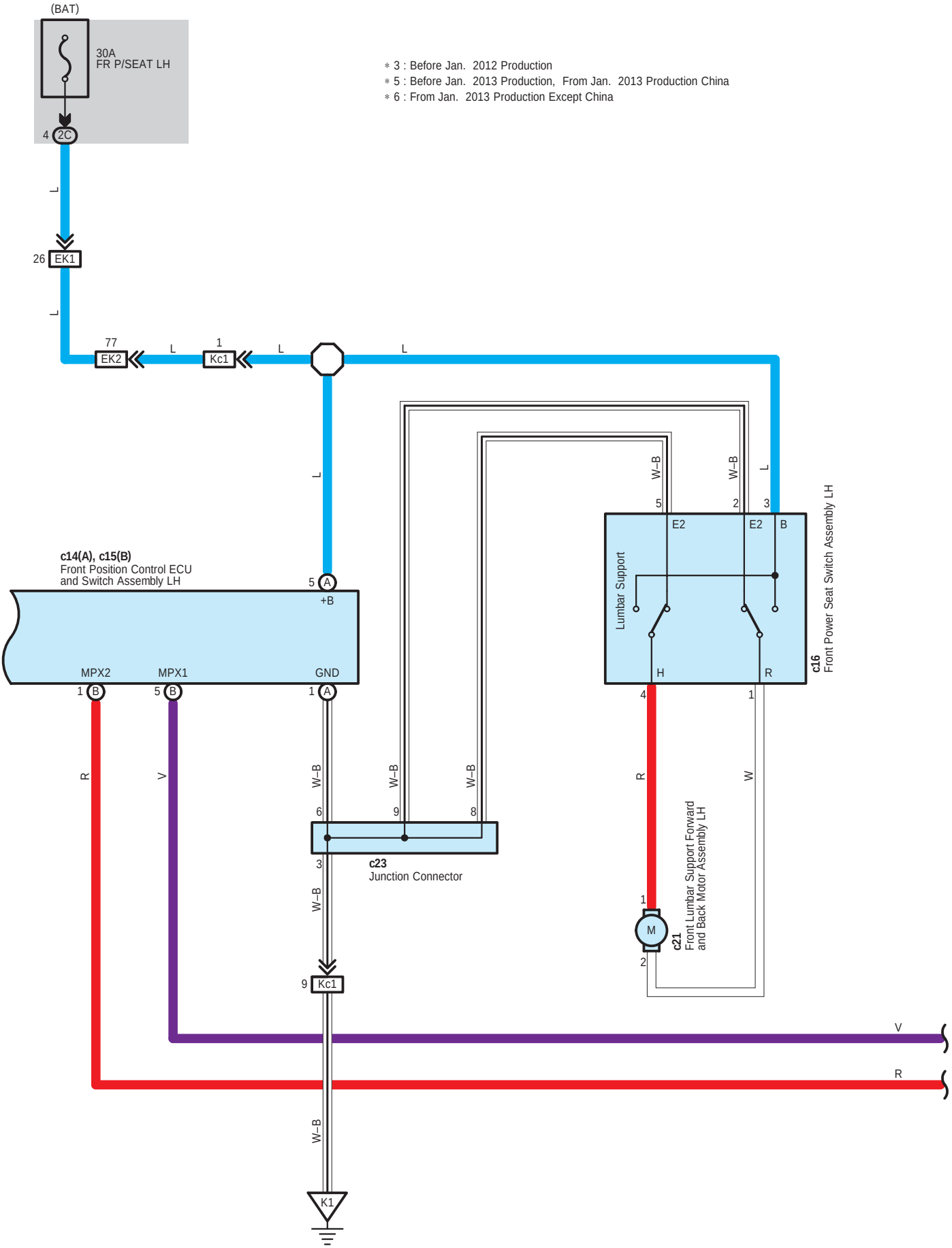


FE4

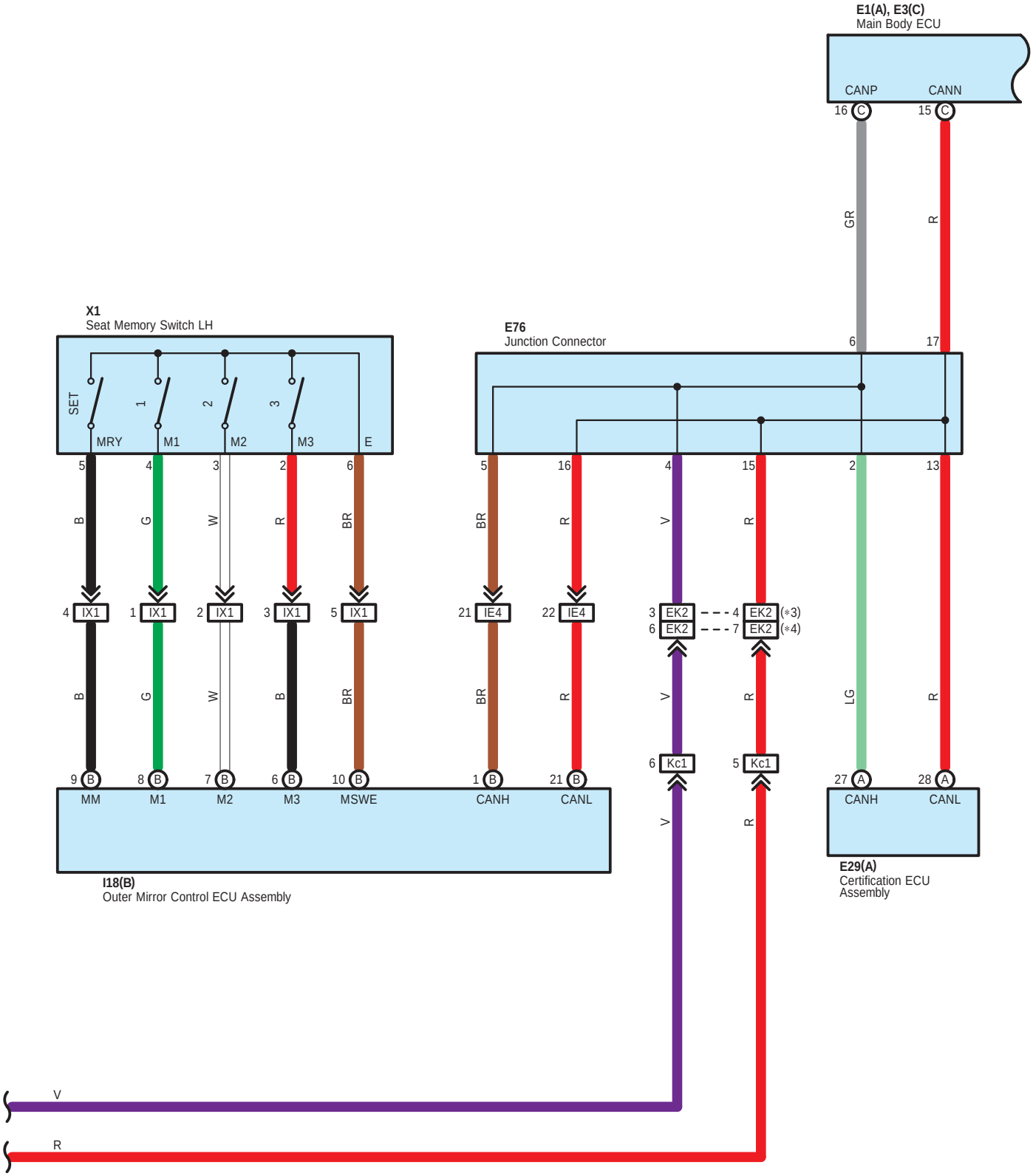
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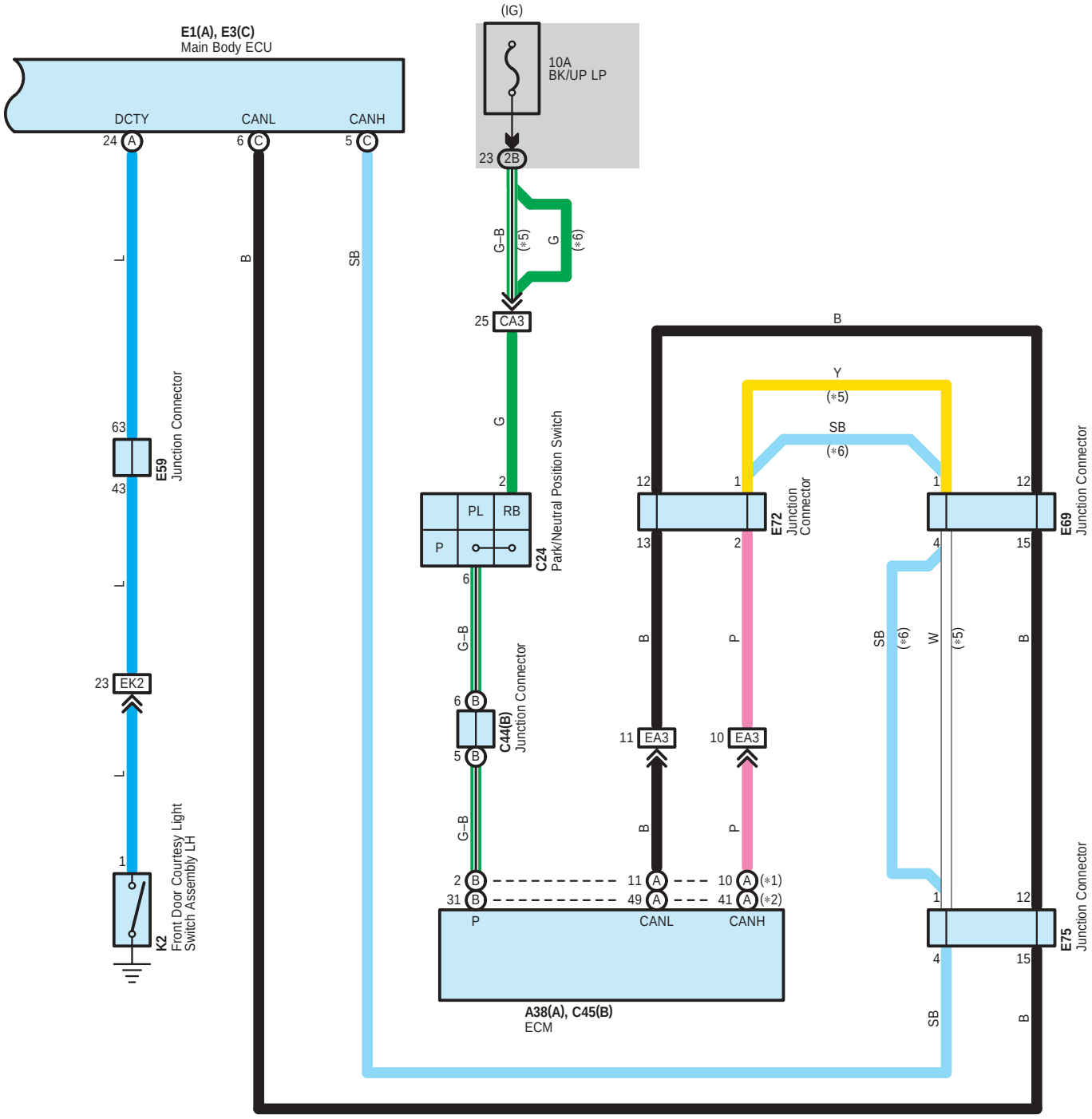



(BAT)
5A
ECU–B2
2
1
R–W
(*5)
R
(*6)
15 AK2
R
3 Kc1
R
8 B
SYSB
(IG)
5A
ECU–IG
No. 1
10 2C
G
(*3)
2 Kc1
G
(*3)
4 B
IG
c14(A), c15(B)
Front Position Control ECU
and Switch Assembly LH
RCL–
RCL+
LFT–
LFT+
SLD–
SLD+
FRV–
FRV+
10 A
8 A
9 A
7 A
3 A
2 A
4 A
6 A
Y
GR
W
G
P
B
LG
R
1
2
M
c20
Front Power Seat Reclining
Position Motor Assembly LH
c18
Front Power Seat Lift
Position Motor Assembly LH
c17
Front Power Seat Slide
Position Motor Assembly LH
c19
Front Power Seat Vertical
Position Motor Assembly LH



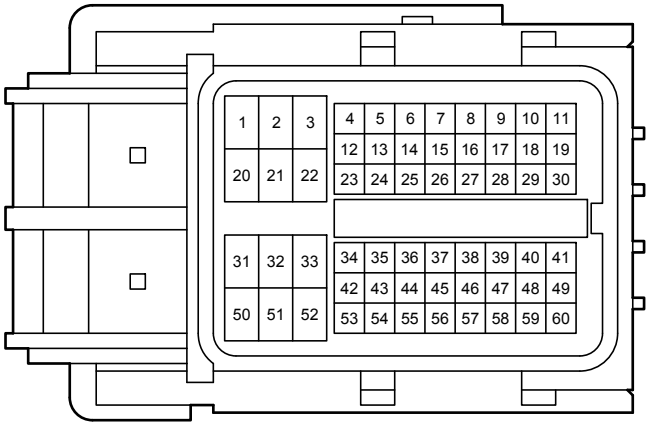
＊3 : Before Jan. 2012 Production
＊5 : Before Jan. 2013 Production, From Jan. 2013 Production China
＊6 : From Jan. 2013 Production Except China


E1(A), E3(C)
Main Body ECU
CANP
CANN
16 C
15 C
GR
R
X1
Seat Memory Switch LH
SET
1
2
3
MRY
M1
M2
M3
E
E76
Junction Connector
6
17
5
4
3
2
6
5
16
4
15
2
13
B
G
W
R
BR
BR
R
V
R
LG
R
4 IX1
1 IX1
2 IX1
3 IX1
5 IX1
21 IE4
22 IE4
3 EK2
6 EK2
4 EK2 (*3)
7 EK2 (*4)
6 Kc1
5 Kc1
9 B
8 B
7 B
6 B
10 B
1 B
21 B
27 A
28 A
MM
M1
M2
M3
MSWE
CANH
CANL
CANH
CANL
I18(B)
Outer Mirror Control ECU Assembly
E29(A)
Certification ECU
Assembly
V
R

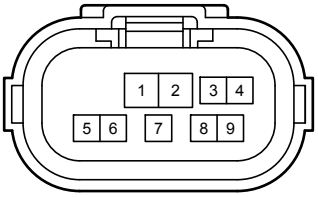


* 1 : 2UZ–FE, 3UR–FE, 1UR–FE
* 2 : 1VD–FTV
* 3 : Before Jan. 2012 Production
* 4 : From Jan. 2012 Production
* 5 : Before Jan. 2013 Production, From Jan. 2013 Production China
* 6 : From Jan. 2013 Production Except China

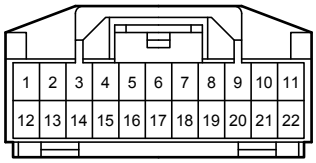
A 38
Black



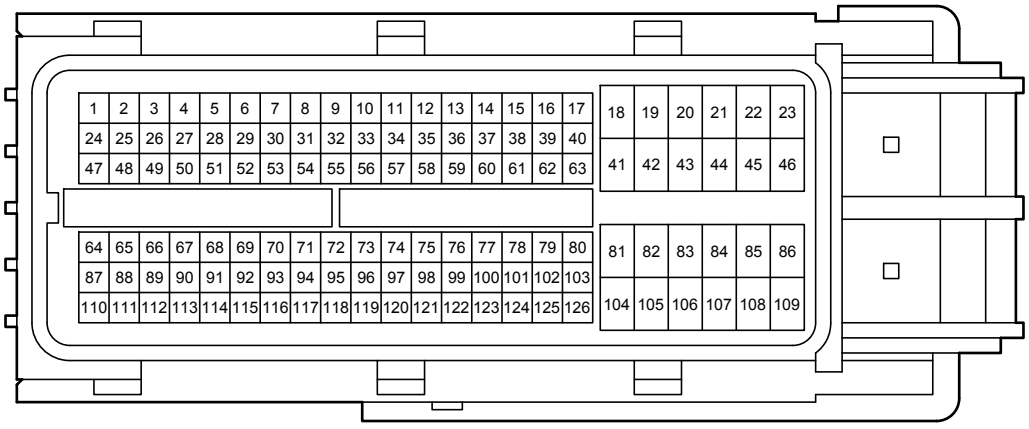
C 24
Gray



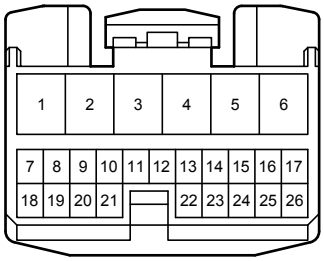
C 44
Blue



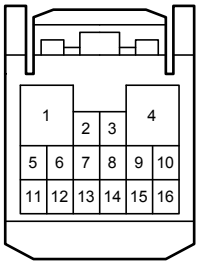
C 45
Black



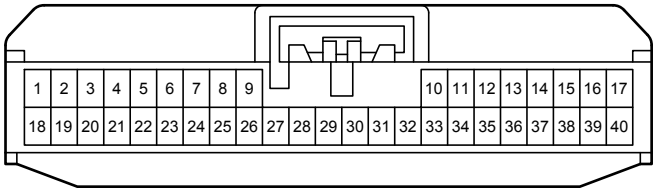
E 1
White



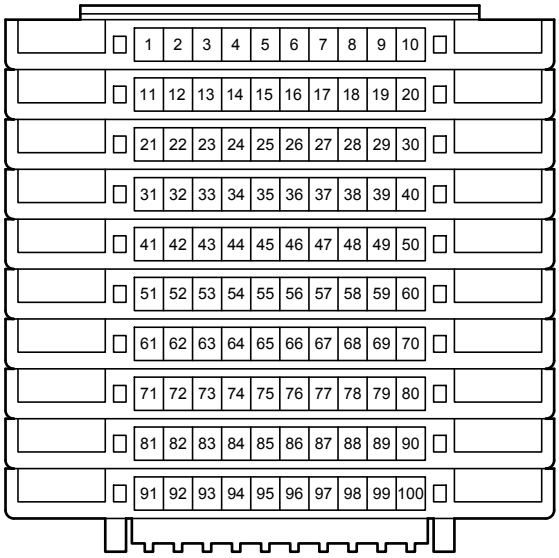
E 3
White



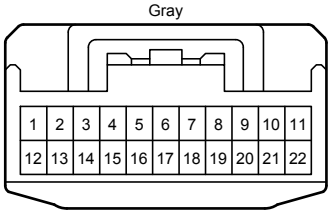
E 29
White



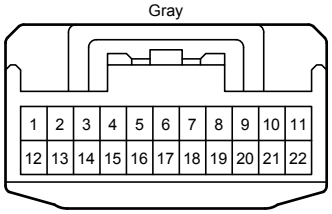
E 59



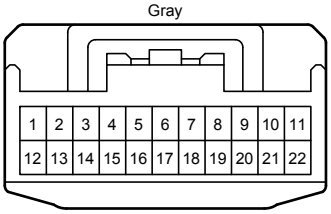
E 69
Gray



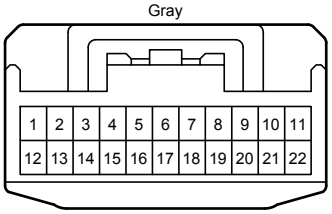
E 72
Gray



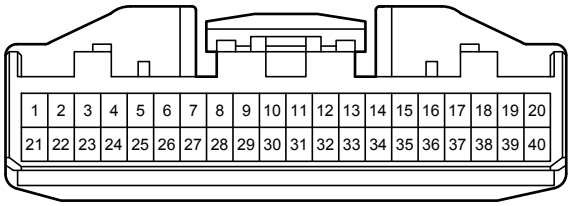
E 75
Gray



E 76
Gray



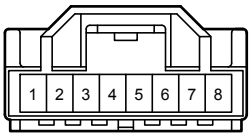
I 18
White



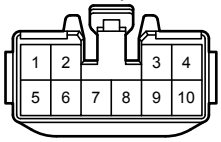
K 2
White



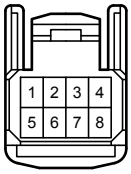
X 1
Black



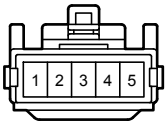
c 14
Gray



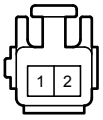
c 15
White



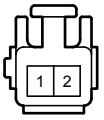
c 16
White

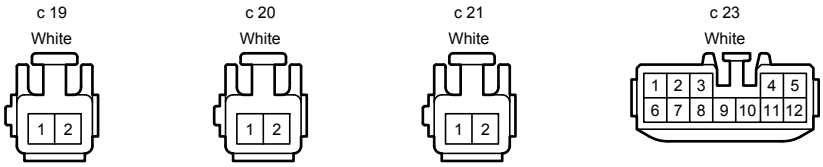


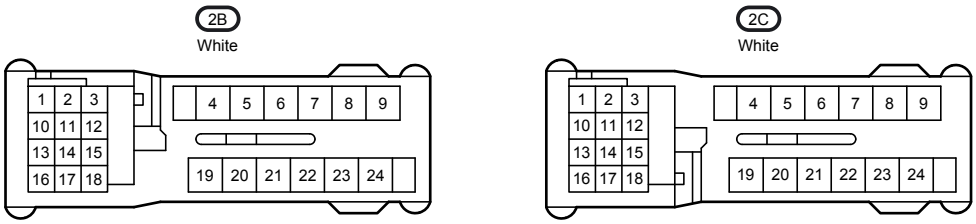
c 17
White

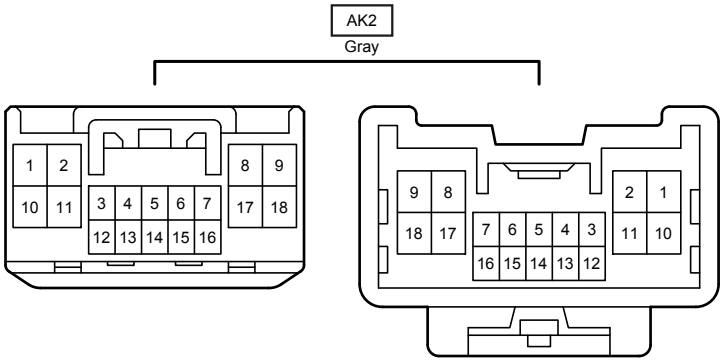


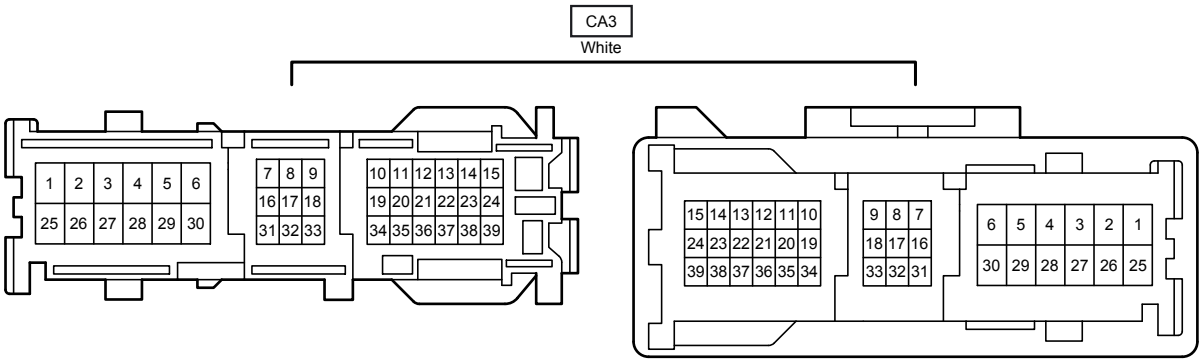
c 18
White




c 19
White
1 2
c 20
White
1 2
c 21
White
1 2
c 23
White
1 2 3 4 5
6 7 8 9 10 11 12

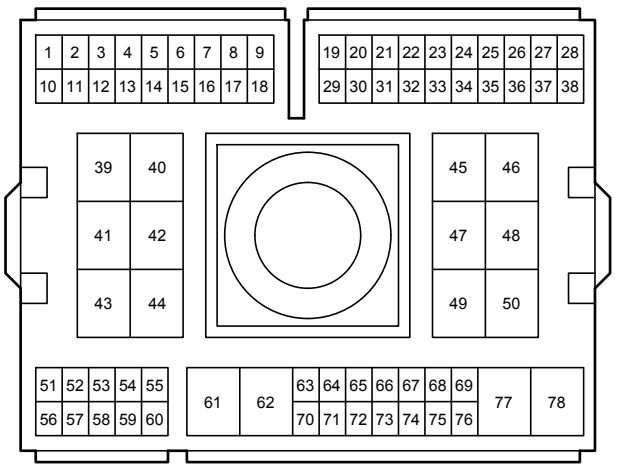

2B
White
1 2 3
10 11 12
13 14 15
16 17 18
4 5 6 7 8 9
19 20 21 22 23 24
2C
White
1 2 3
10 11 12
13 14 15
16 17 18
4 5 6 7 8 9
19 20 21 22 23 24

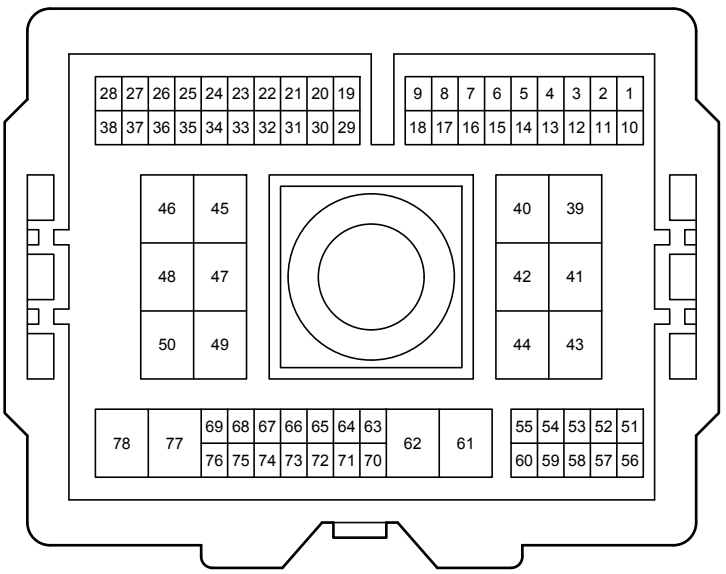

AK2
Gray
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10


CA3
White
1 2 3 4 5 6
25 26 27 28 29 30
7 8 9
16 17 18
31 32 33
10 11 12 13 14 15
19 20 21 22 23 24
34 35 36 37 38 39
15 14 13 12 11 10
24 23 22 21 20 19
39 38 37 36 35 34
9 8 7
18 17 16
33 32 31
6 5 4 3 2 1
30 29 28 27 26 25

EA3

White

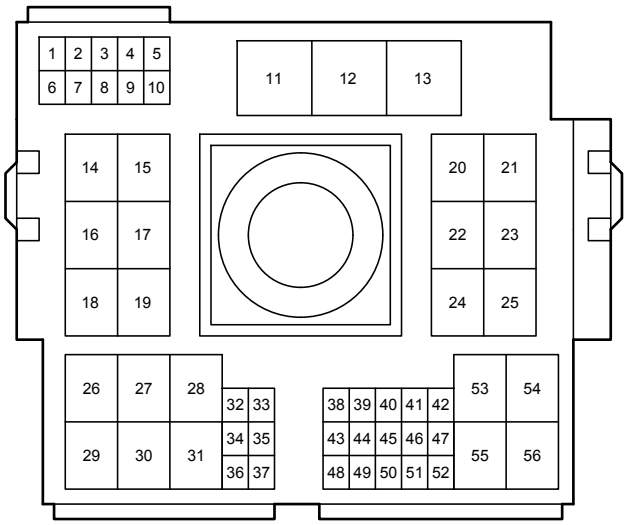


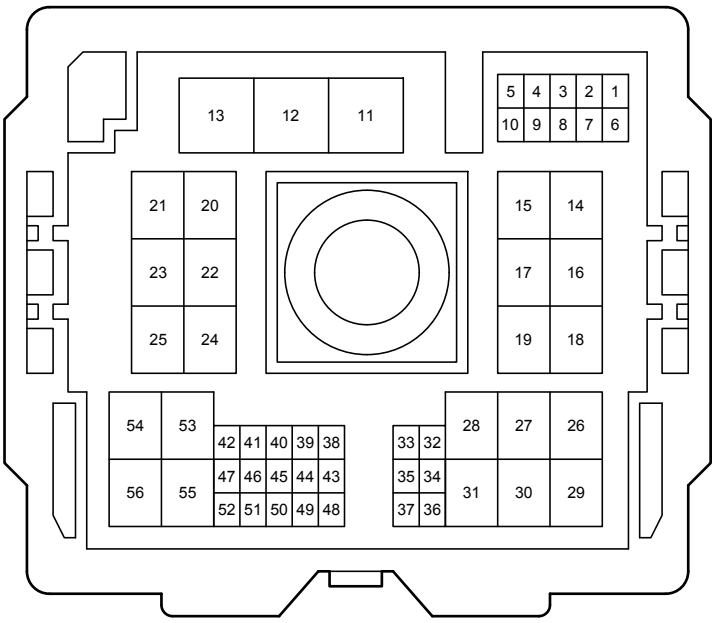


EK1

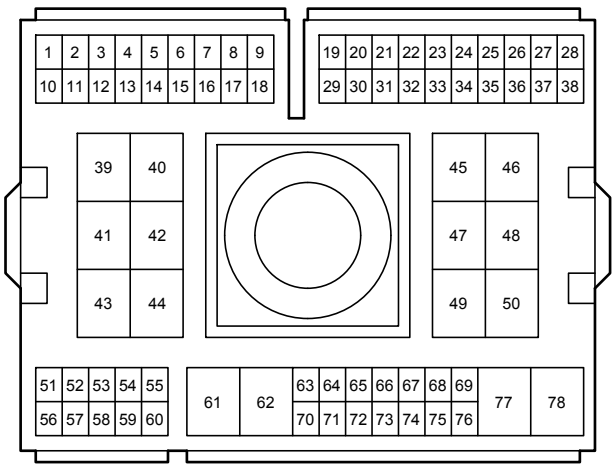
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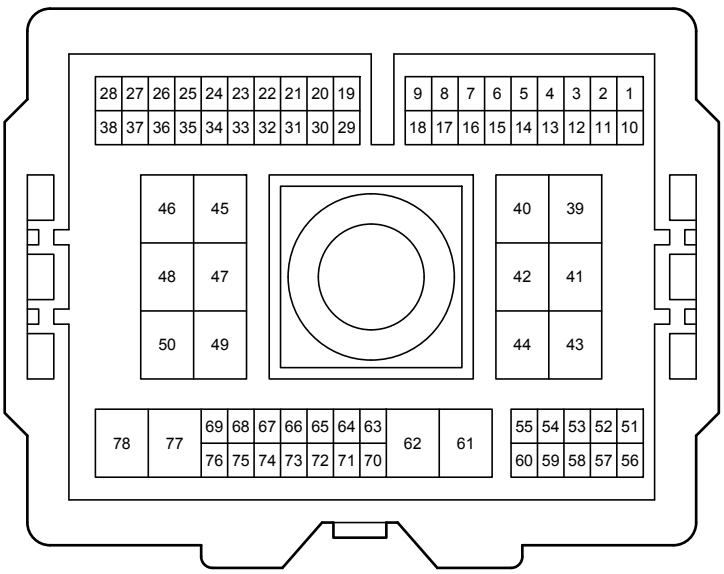
Blue



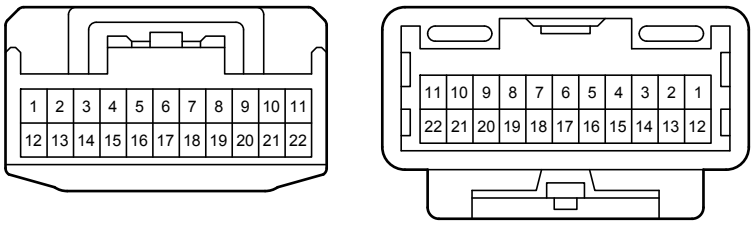


EK2
White

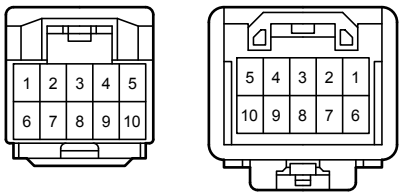




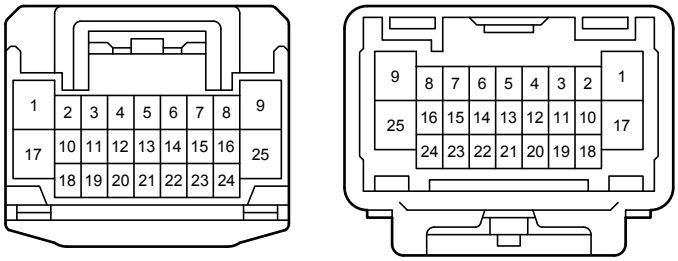
IE4
Gray

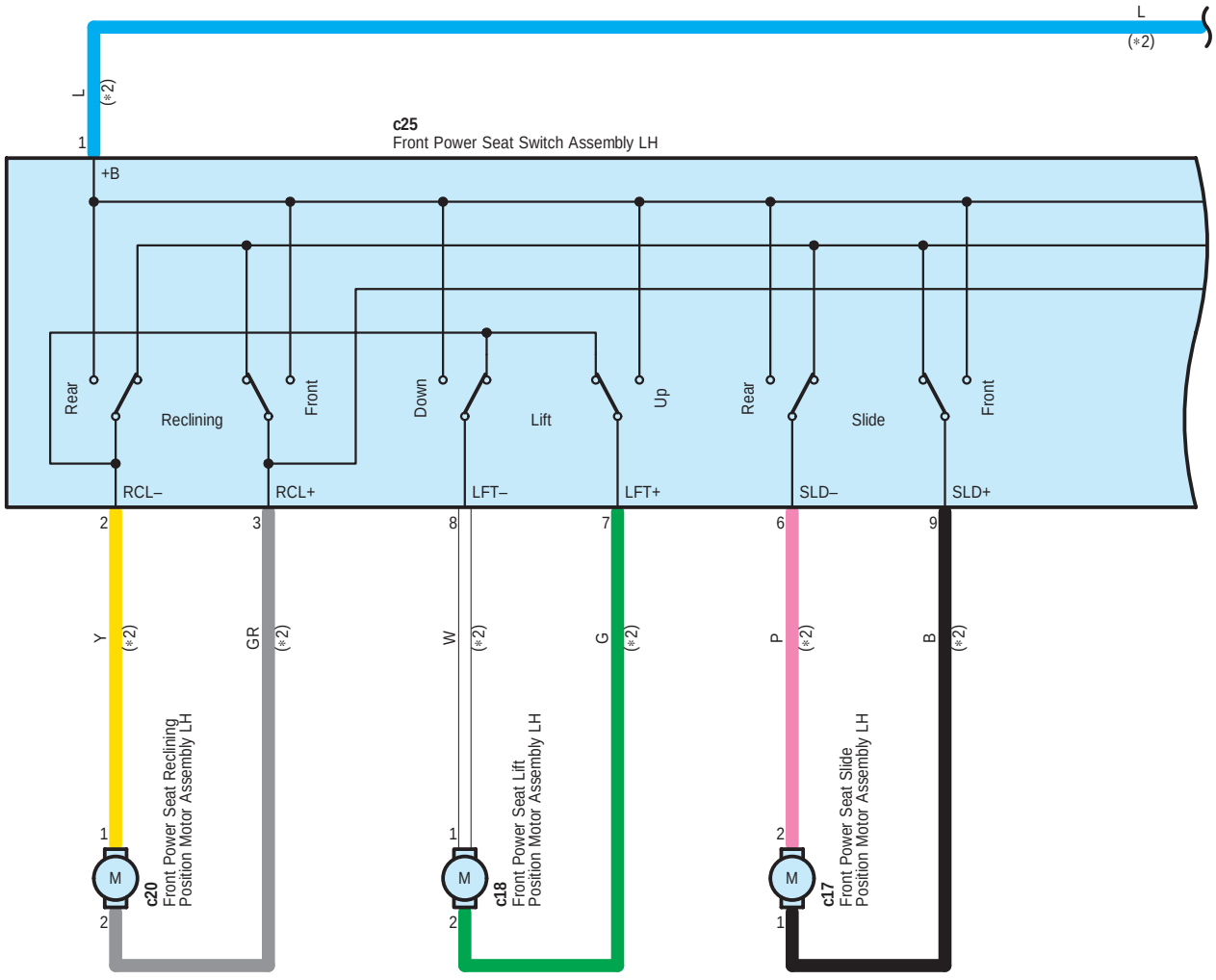


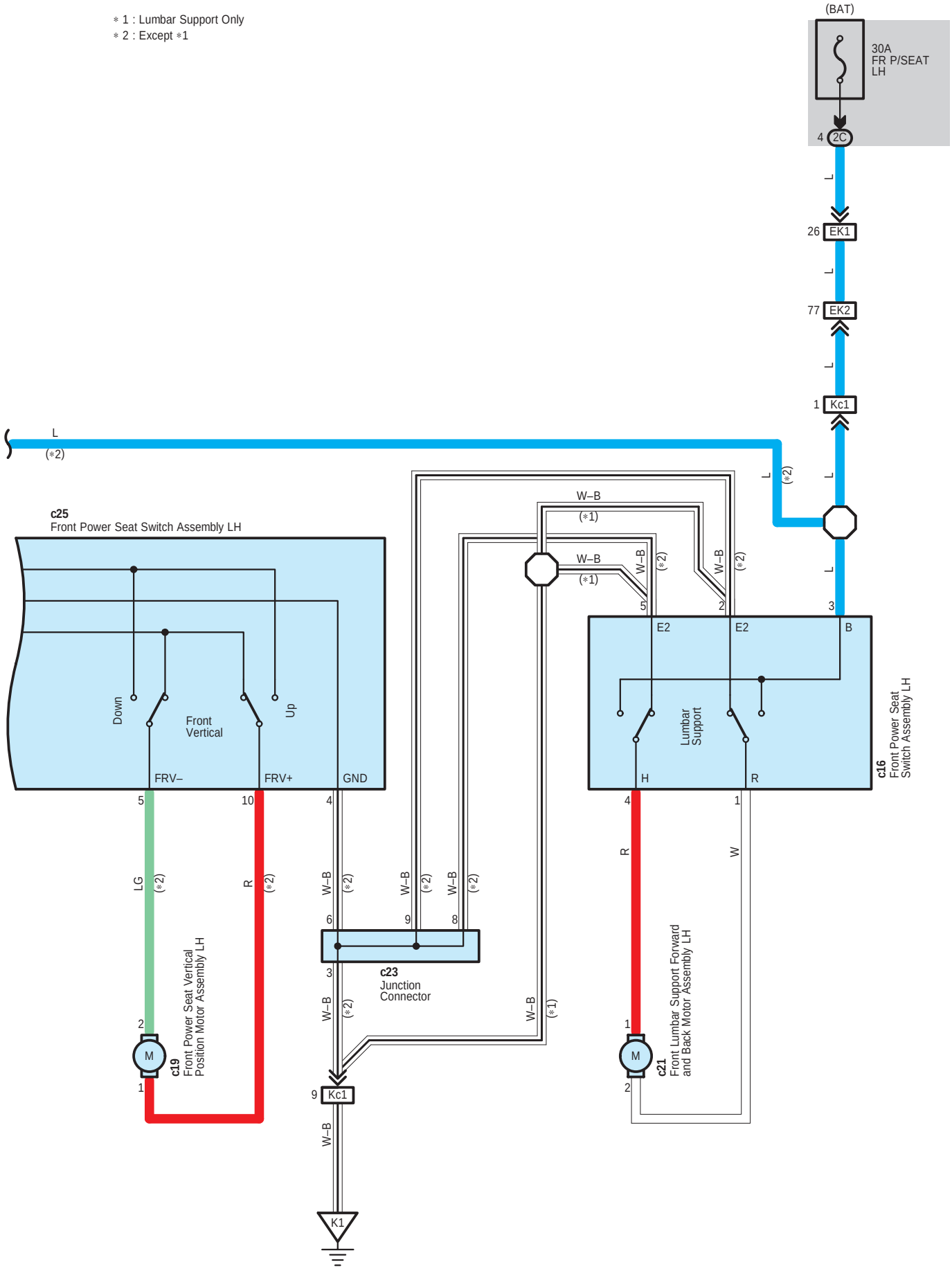
IX1
White

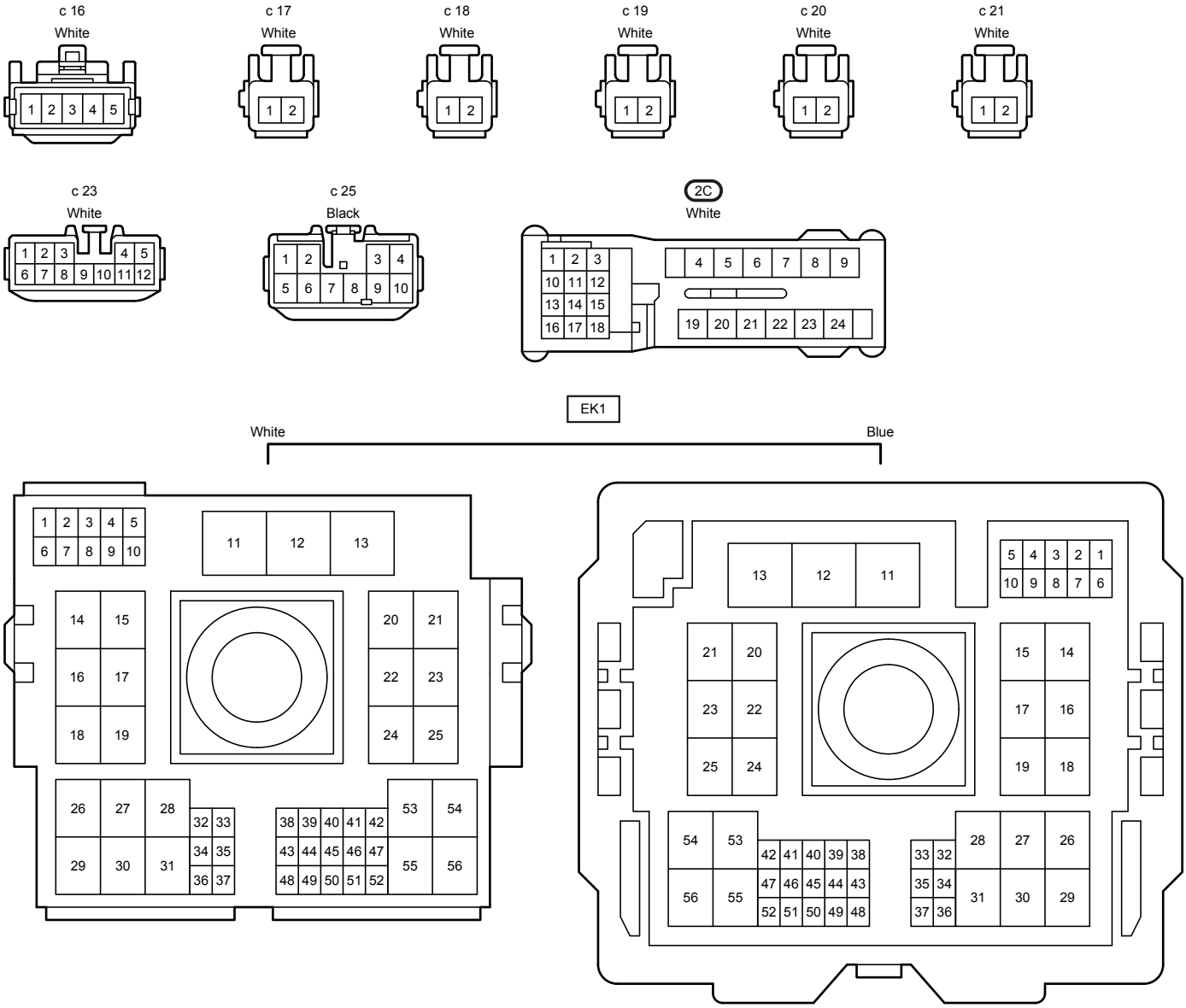


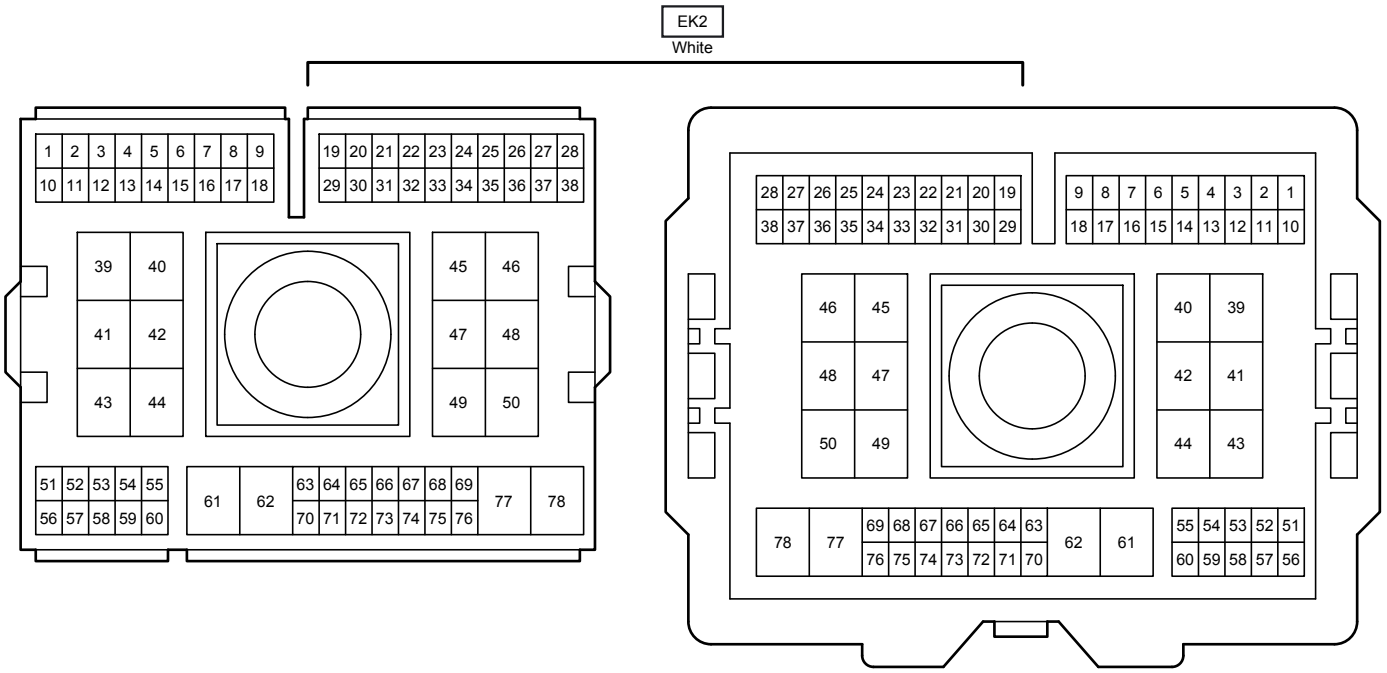
Kc1
White

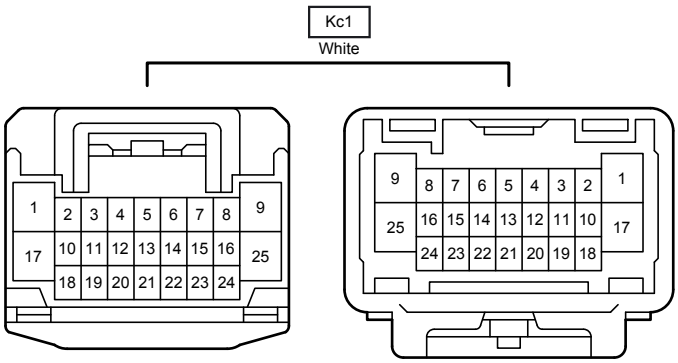


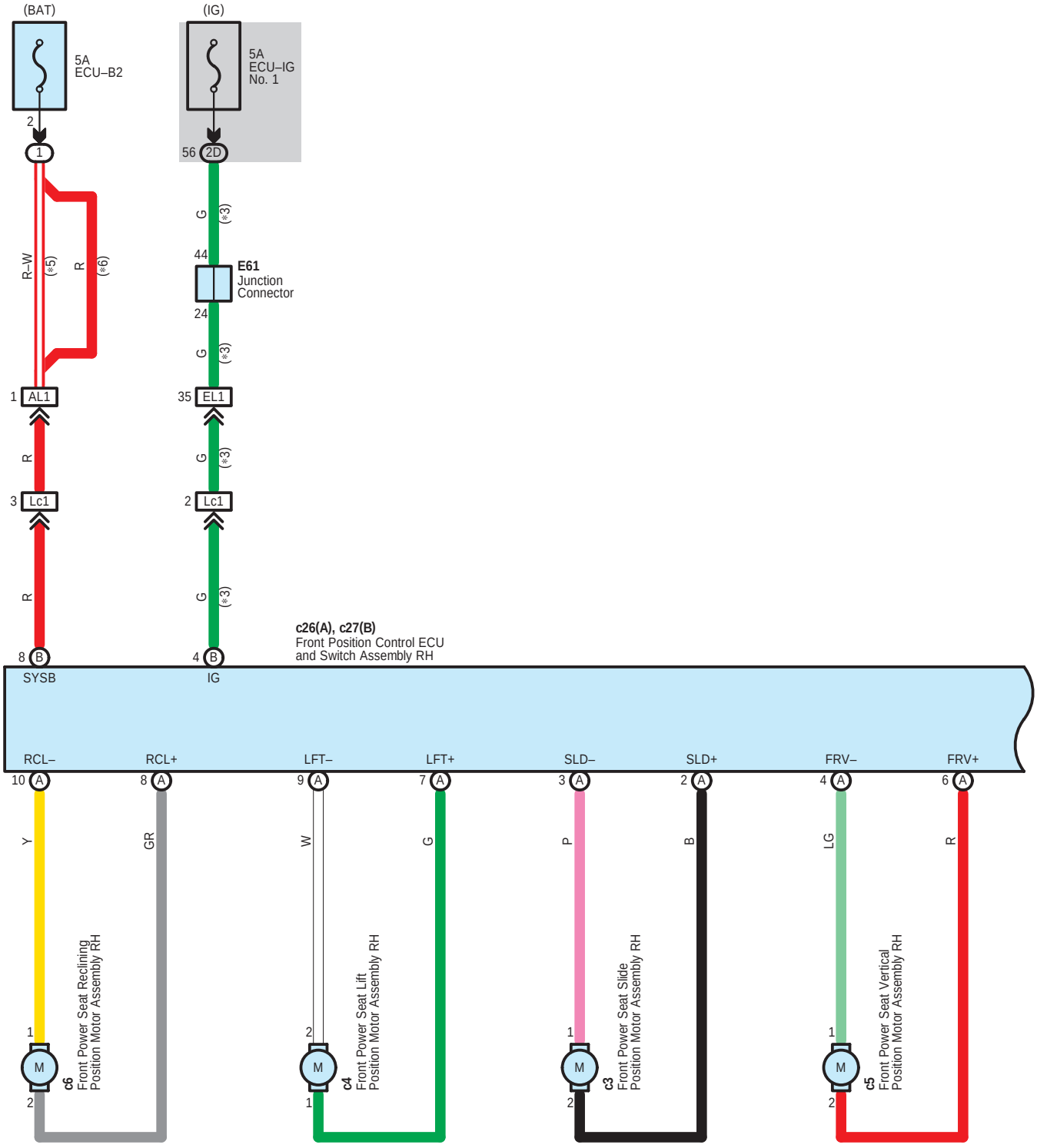

L
(*2)
L
(*2)
1
c25
Front Power Seat Switch Assembly LH
+B
Rear
Reclining
Front
Down
Lift
Up
Rear
Slide
Front
RCL–
RCL+
LFT–
LFT+
SLD–
SLD+
2
3
8
7
6
9
Y
(*2)
GR
(*2)
W
(*2)
G
(*2)
P
(*2)
B
(*2)
1
2
M
c20
Front Power Seat Reclining Position Motor Assembly LH
c18
Front Power Seat Lift Position Motor Assembly LH
c17
Front Power Seat Slide Position Motor Assembly LH

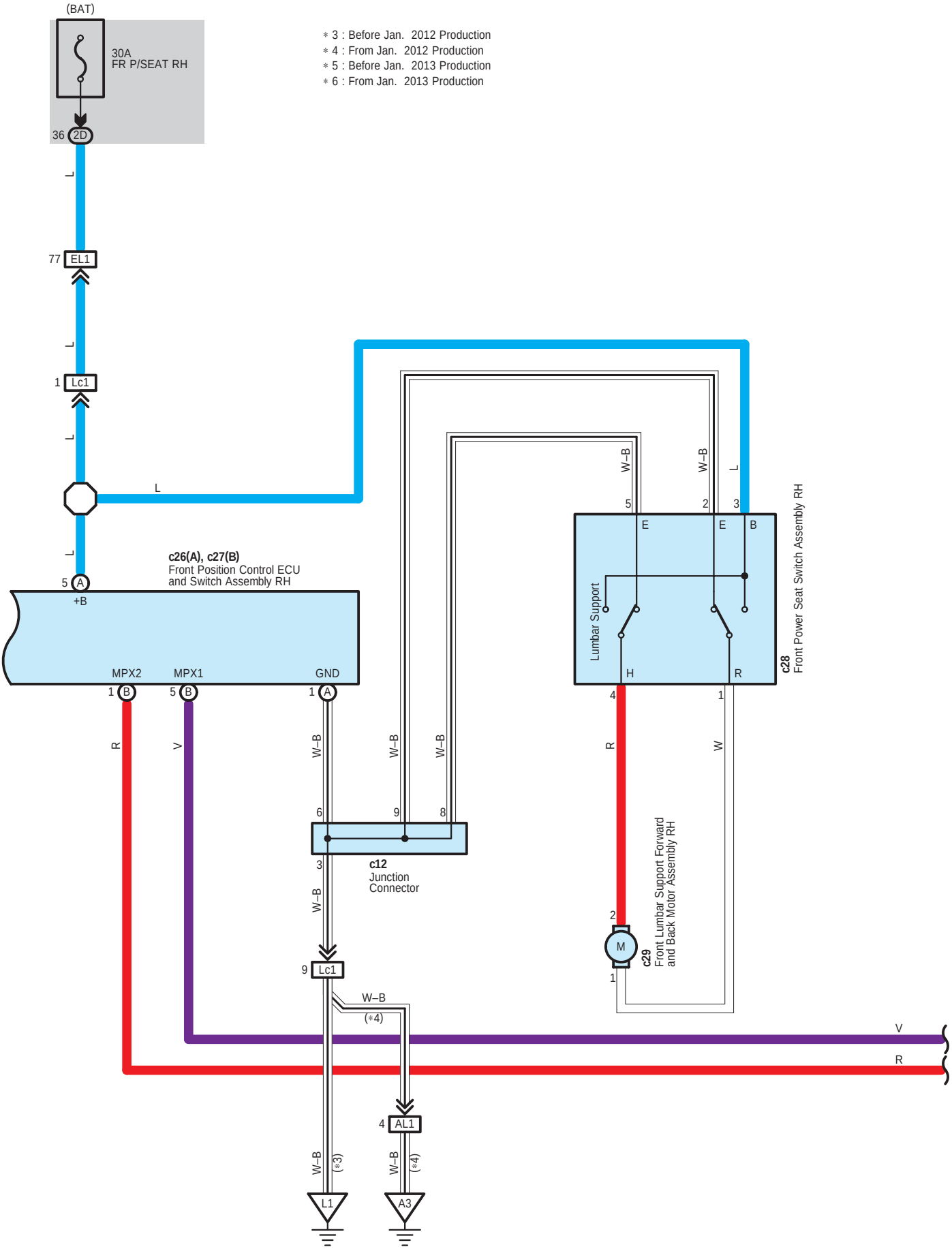

∗1 : Lumbar Support Only
∗2 : Except ∗1
(BAT)
30A
FR P/SEAT
LH
4
2C
L
26
EK1
L
77
EK2
L
1
Kc1
L
(∗2)
L
(∗2)
L
3
W–B
(∗1)
W–B
(∗1)
W–B
(∗2)
W–B
(∗2)
5
2
E2
E2
B
c25
Front Power Seat Switch Assembly LH
Down
Front
Vertical
Up
Lumbar
Support
FRV–
FRV+
GND
H
R
c16
Front Power Seat
Switch Assembly LH
5
10
4
4
1
LG
(∗2)
R
(∗2)
W–B
(∗2)
W–B
(∗2)
W–B
(∗2)
R
W
6
9
8
3
c23
Junction
Connector
W–B
(∗2)
W–B
(∗1)
2
M
1
c19
Front Power Seat Vertical
Position Motor Assembly LH
1
M
2
c21
Front Lumbar Support Forward
and Back Motor Assembly LH
9
Kc1
W–B
K1

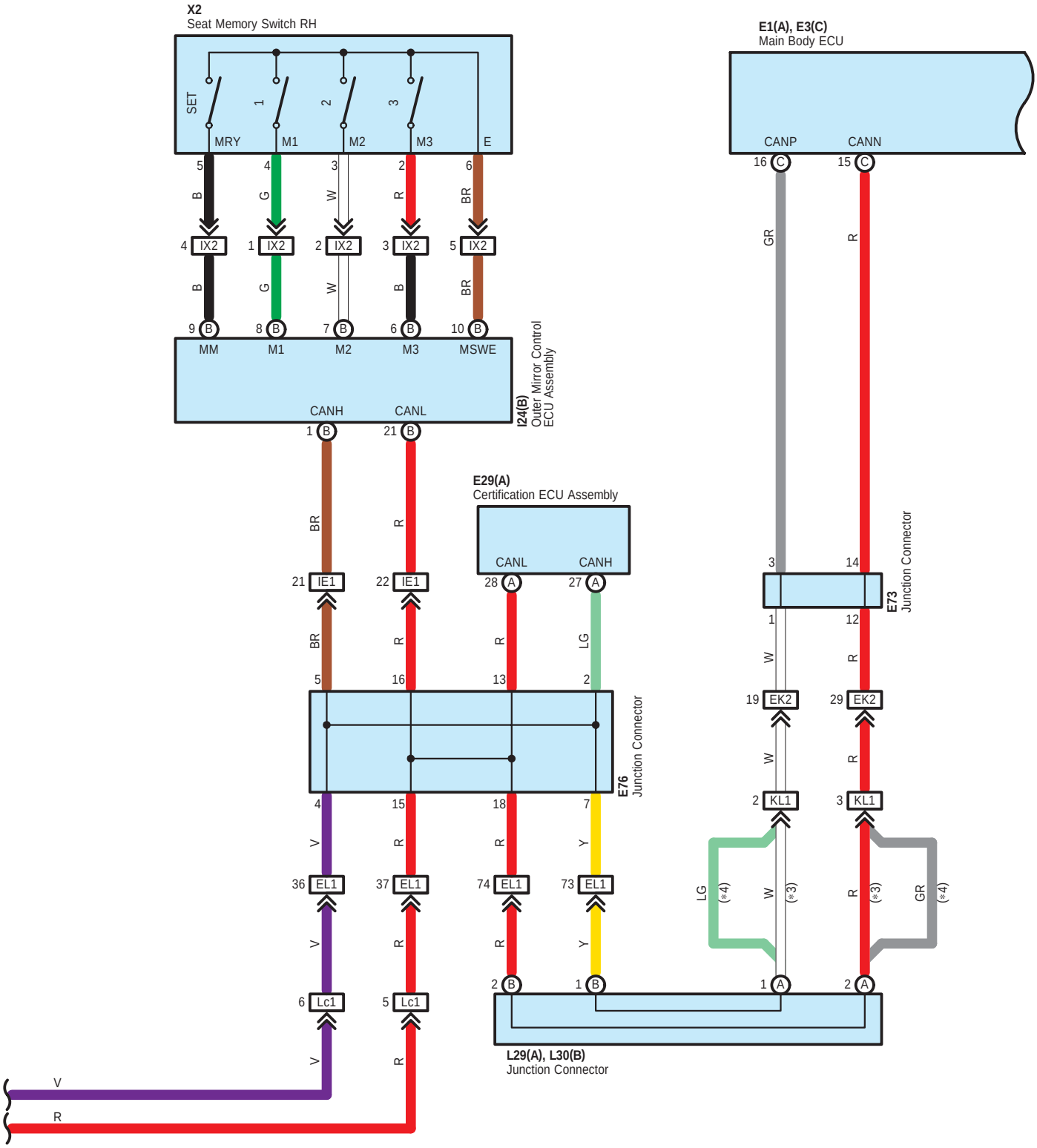

c 16
White
1 2 3 4 5
c 17
White
1 2
c 18
White
1 2
c 19
White
1 2
c 20
White
1 2
c 21
White
1 2
c 23
White
1 2 3 4 5
6 7 8 9 10 11 12
c 25
Black
1 2 3 4
5 6 7 8 9 10
2C
White
1 2 3
10 11 12
13 14 15
16 17 18
4 5 6 7 8 9
19 20 21 22 23 24
EK1
White
Blue
1 2 3 4 5
6 7 8 9 10
11 12 13
14 15
16 17
18 19
20 21
22 23
24 25
26 27 28
29 30 31
32 33
34 35
36 37
38 39 40 41 42
43 44 45 46 47
48 49 50 51 52
53 54
55 56
13 12 11
5 4 3 2 1
10 9 8 7 6
21 20
23 22
25 24
15 14
17 16
19 18
54 53
56 55
42 41 40 39 38
47 46 45 44 43
52 51 50 49 48
33 32
35 34
37 36
28 27 26
31 30 29

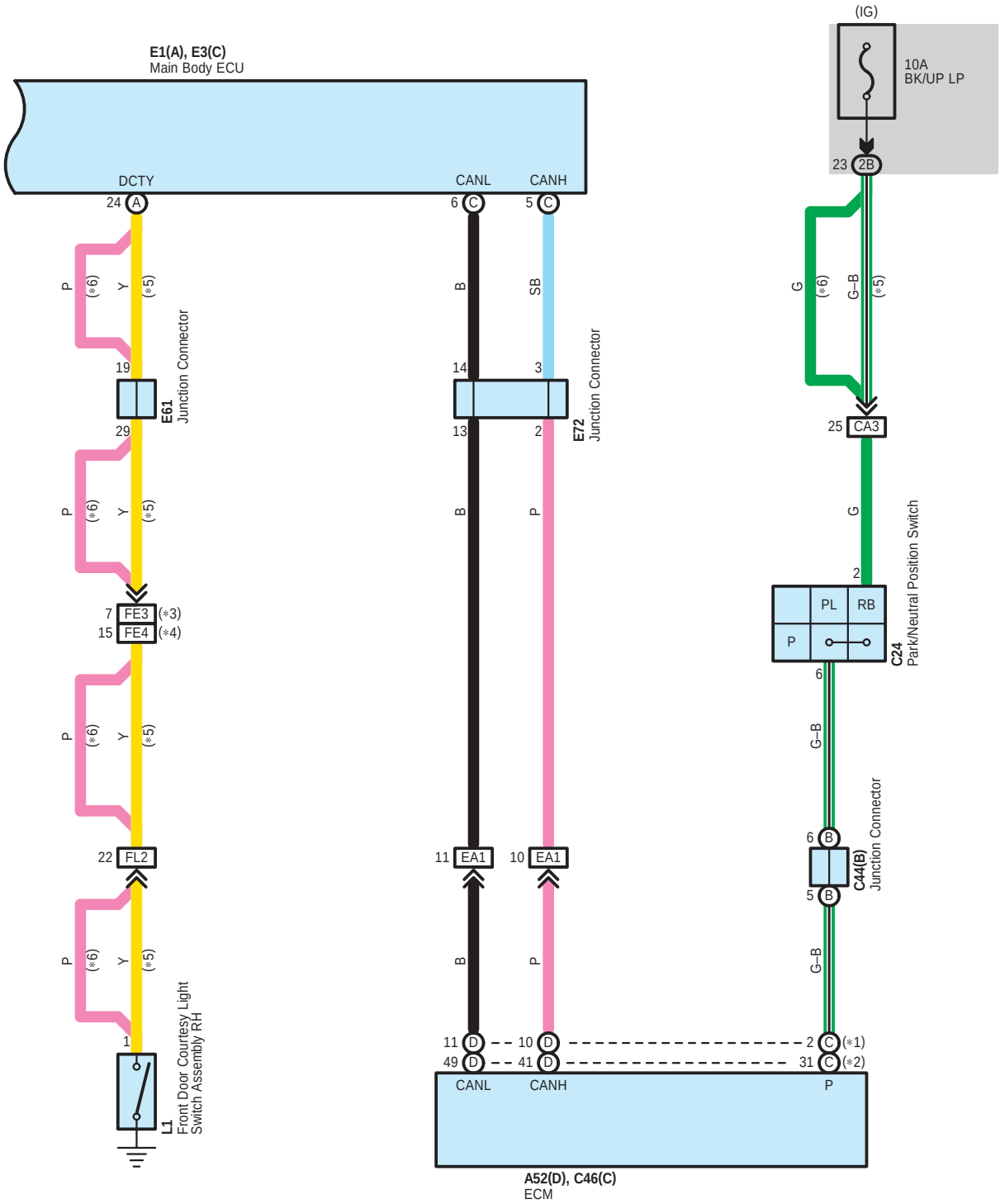

EK2
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45
48 47
50 49
40 39
42 41
44 43
78 77
69 68 67 66 65 64 63
76 75 74 73 72 71 70
62 61
55 54 53 52 51
60 59 58 57 56


Kc1
White
1 2 3 4 5 6 7 8 9
17 10 11 12 13 14 15 16 25
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18


(BAT)
5A
ECU–B2
2
1
R–W
(*5)
R
(*6)
1 AL1
R
3 Lc1
R
8 B
SYSB
(IG)
5A
ECU–IG
No. 1
56 2D
G
(*3)
44
E61
Junction
Connector
24
G
(*3)
35 EL1
G
(*3)
2 Lc1
G
(*3)
4 B
IG
c26(A), c27(B)
Front Position Control ECU
and Switch Assembly RH
RCL–
RCL+
LFT–
LFT+
SLD–
SLD+
FRV–
FRV+
10 A
8 A
9 A
7 A
3 A
2 A
4 A
6 A
Y
GR
W
G
P
B
LG
R
1
2
M
c6
Front Power Seat Reclining
Position Motor Assembly RH
c4
Front Power Seat Lift
Position Motor Assembly RH
c3
Front Power Seat Slide
Position Motor Assembly RH
c5
Front Power Seat Vertical
Position Motor Assembly RH

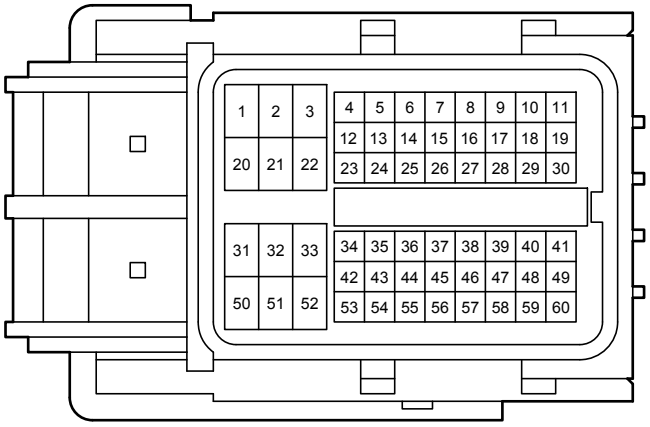

(BAT)
30A
FR P/SEAT RH
36 2D
∗ 3 : Before Jan. 2012 Production
∗ 4 : From Jan. 2012 Production
∗ 5 : Before Jan. 2013 Production
∗ 6 : From Jan. 2013 Production
77 EL1
1 Lc1
L
5 A
+B
c26(A), c27(B)
Front Position Control ECU
and Switch Assembly RH
MPX2
MPX1
GND
1 B
5 B
1 A
R
V
W-B
6
9
8
c12
Junction
Connector
3
9 Lc1
W-B
(∗4)
4 AL1
W-B
(∗3)
W-B
(∗4)
L1
A3
W-B
5
2
3
E
E
B
Lumber Support
H
R
c28
Front Power Seat Switch Assembly RH
4
1
R
W
2
M
1
c29
Front Lumbar Support Forward
and Back Motor Assembly RH
V
R


X2
Seat Memory Switch RH
SET
1
2
3
MRY
M1
M2
M3
E
5 B
4 G
3 W
2 R
6 BR
4 IX2
1 IX2
2 IX2
3 IX2
5 IX2
B
G
W
B
BR
9 B
8 B
7 B
6 B
10 B
MM
M1
M2
M3
MSWE
I24(B)
Outer Mirror Control ECU Assembly
CANH
CANL
1 B
21 B
BR
R
21 IE1
22 IE1
BR
R
5
16
4
15
18
7
V
R
R
Y
36 EL1
37 EL1
74 EL1
73 EL1
V
R
R
Y
6 Lc1
5 Lc1
V
R
V
R
E29(A)
Certification ECU Assembly
CANL
CANH
28 A
27 A
R
LG
13
2
E76
Junction Connector
2 B
1 B
L29(A), L30(B)
Junction Connector
E1(A), E3(C)
Main Body ECU
CANP
CANN
16 C
15 C
GR
R
3
14
E73
Junction Connector
1
12
W
R
19 EK2
29 EK2
W
R
2 KL1
3 KL1
LG
(*4)
W
(*3)
R
(*3)
GR
(*4)
1 A
2 A

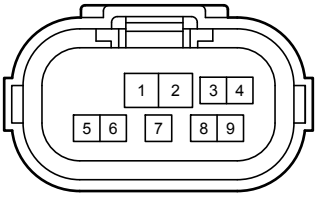


* 1 : 2UZ–FE, 1UR–FE
* 2 : 1VD–FTV
* 3 : Before Jan. 2012 Production
* 4 : From Jan. 2012 Production
* 5 : Before Jan. 2013 Production
* 6 : From Jan. 2013 Production

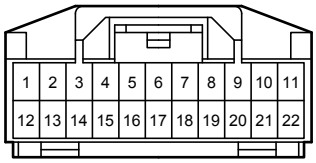
A 52
Black



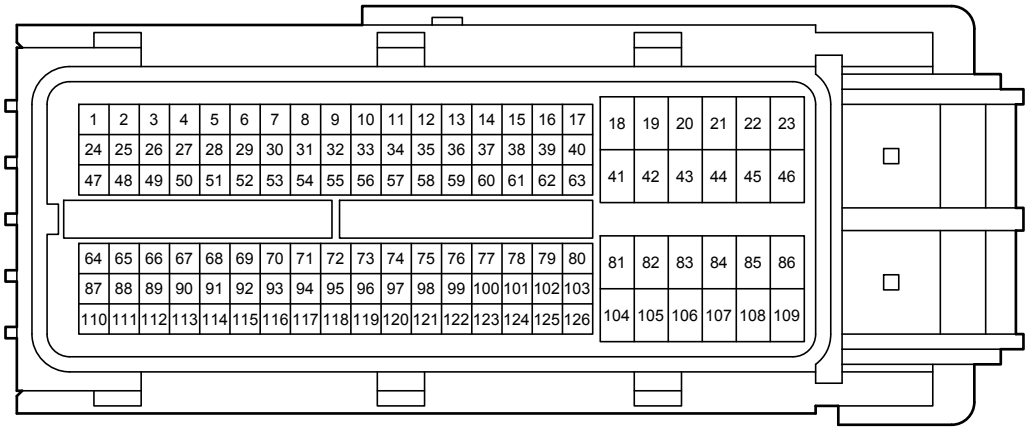
C 24
Gray



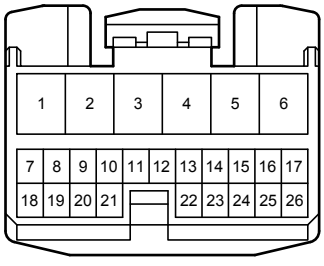
C 44
Blue



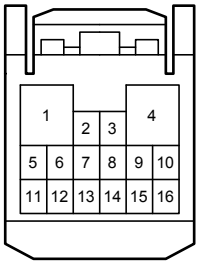
C 46
Black



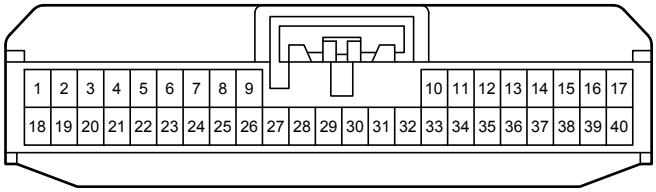
E 1
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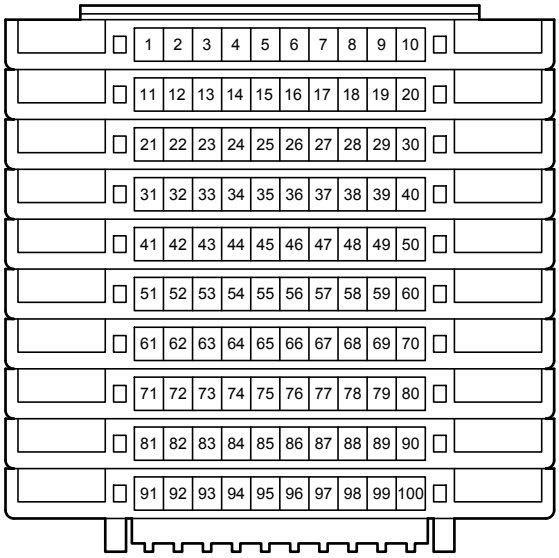
E 3
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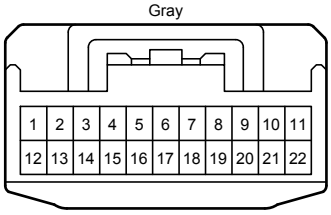
E 29
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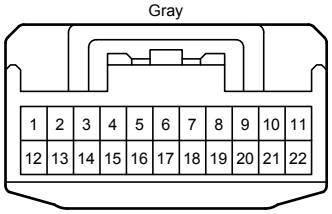
E 61



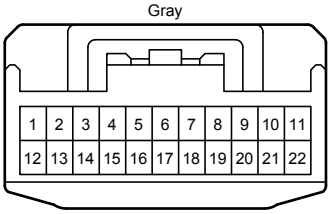
E 72
Gray



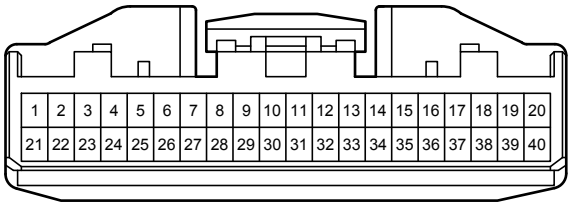
E 73
Gray



E 76
Gray



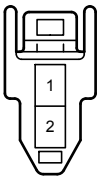
I 24
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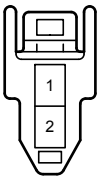
L 1
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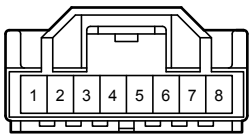
L 29
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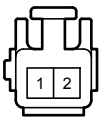
L 30
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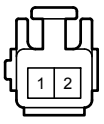
X 2
Black



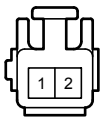
c 3
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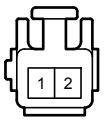
c 4
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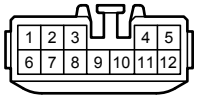
c 5
White



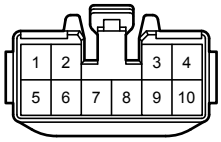
c 6
White



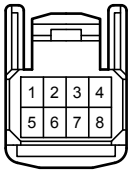
c 12
White



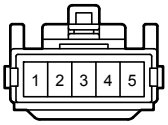
c 26
Gray



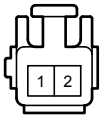
c 27
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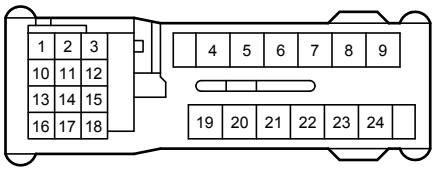
c 28
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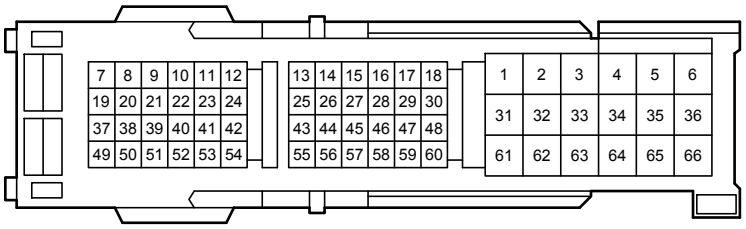
c 29
White



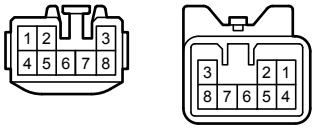
2B
White



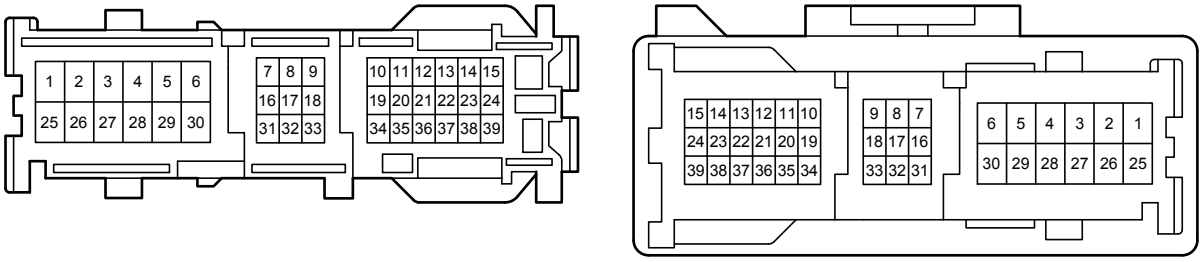
2D
White



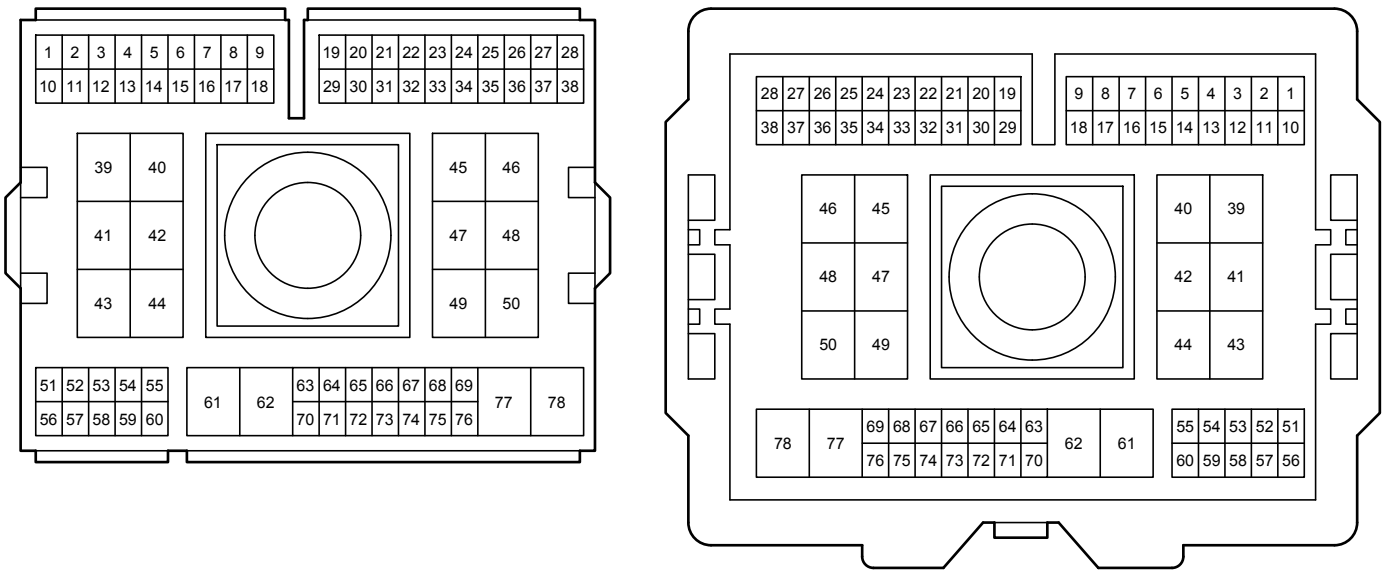
AL1
White



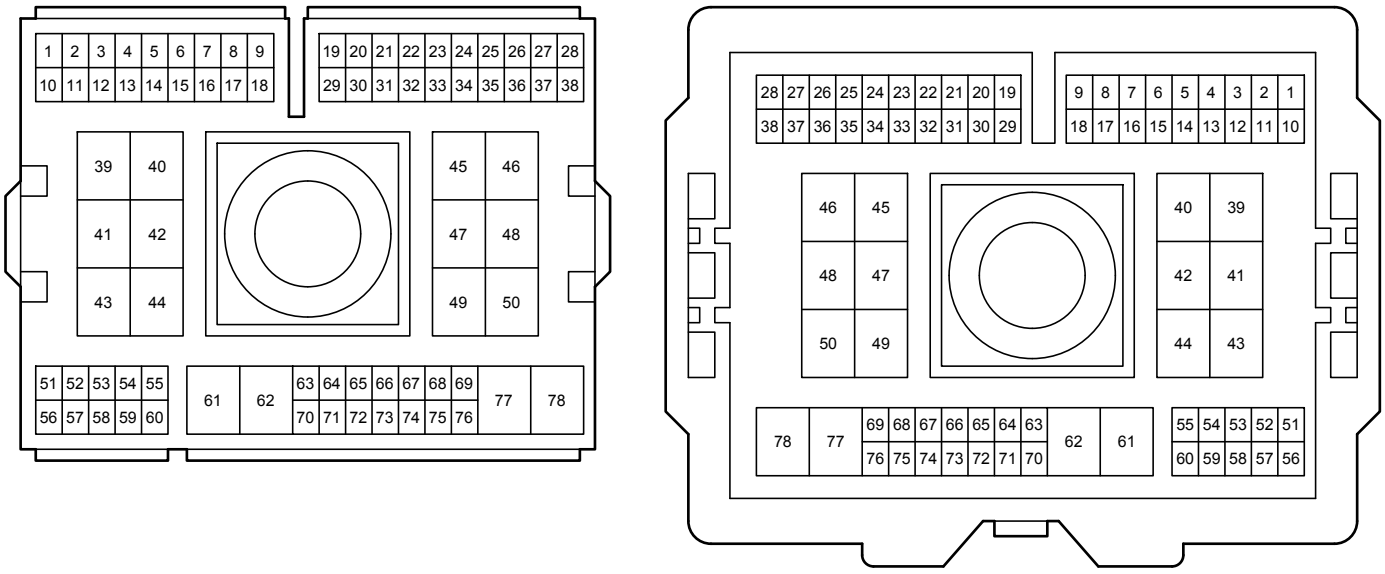
CA3
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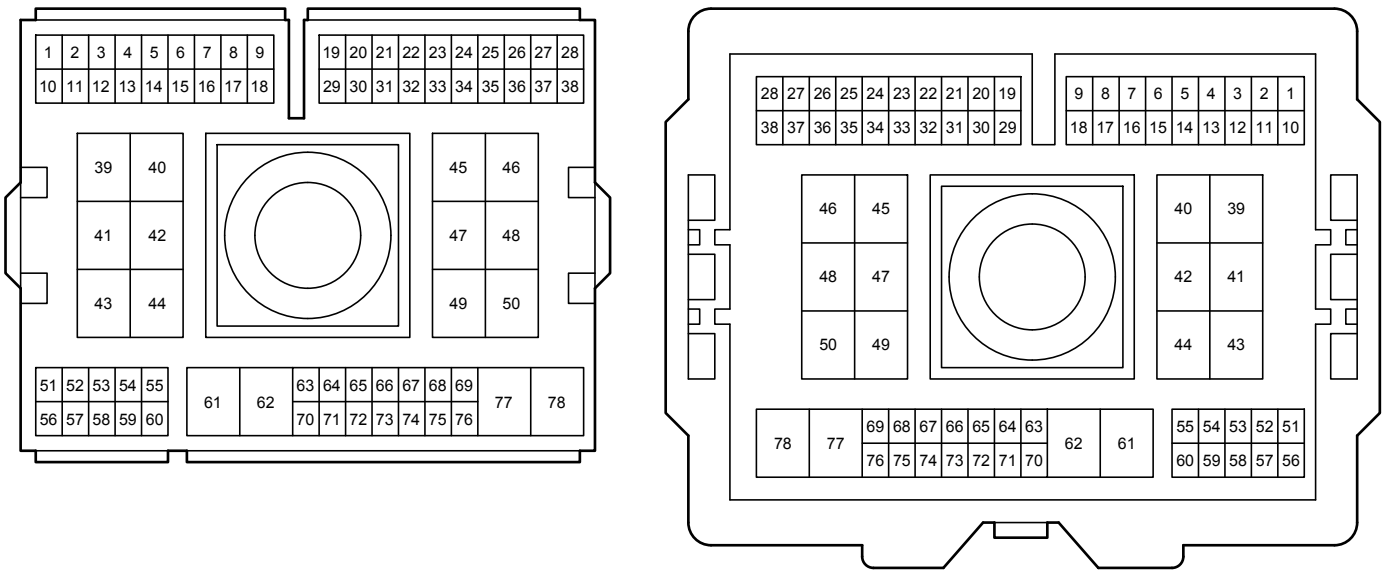
EA1
White



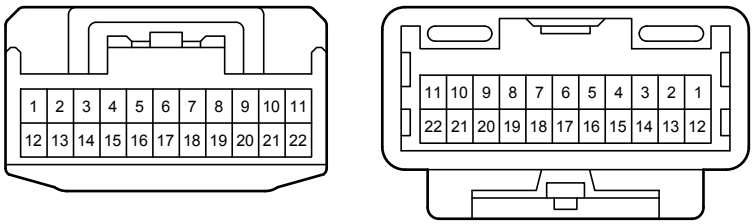
EK2
White



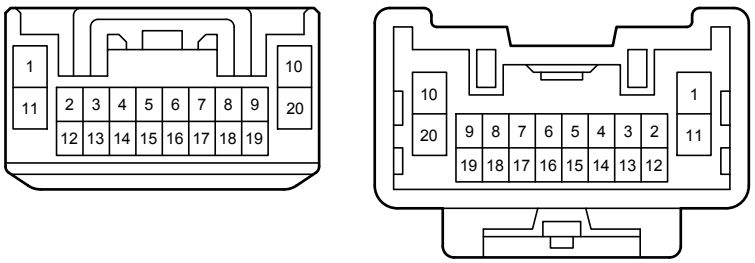
EL1
White



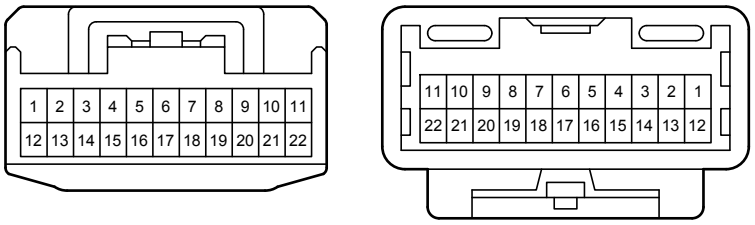
FE3
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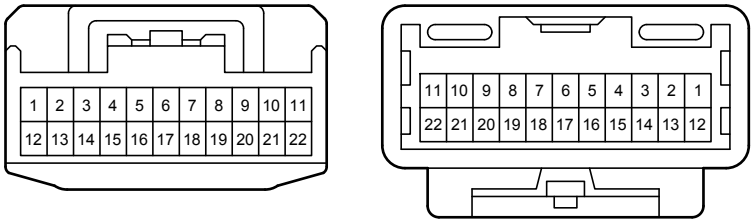
FE4
White



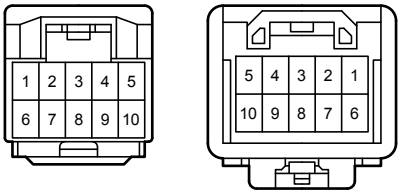
FL2
Blue



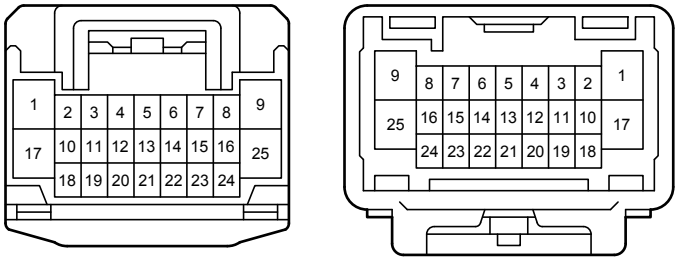
IE1
Gray



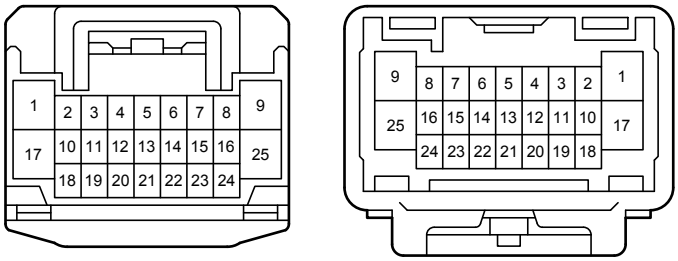
IX2
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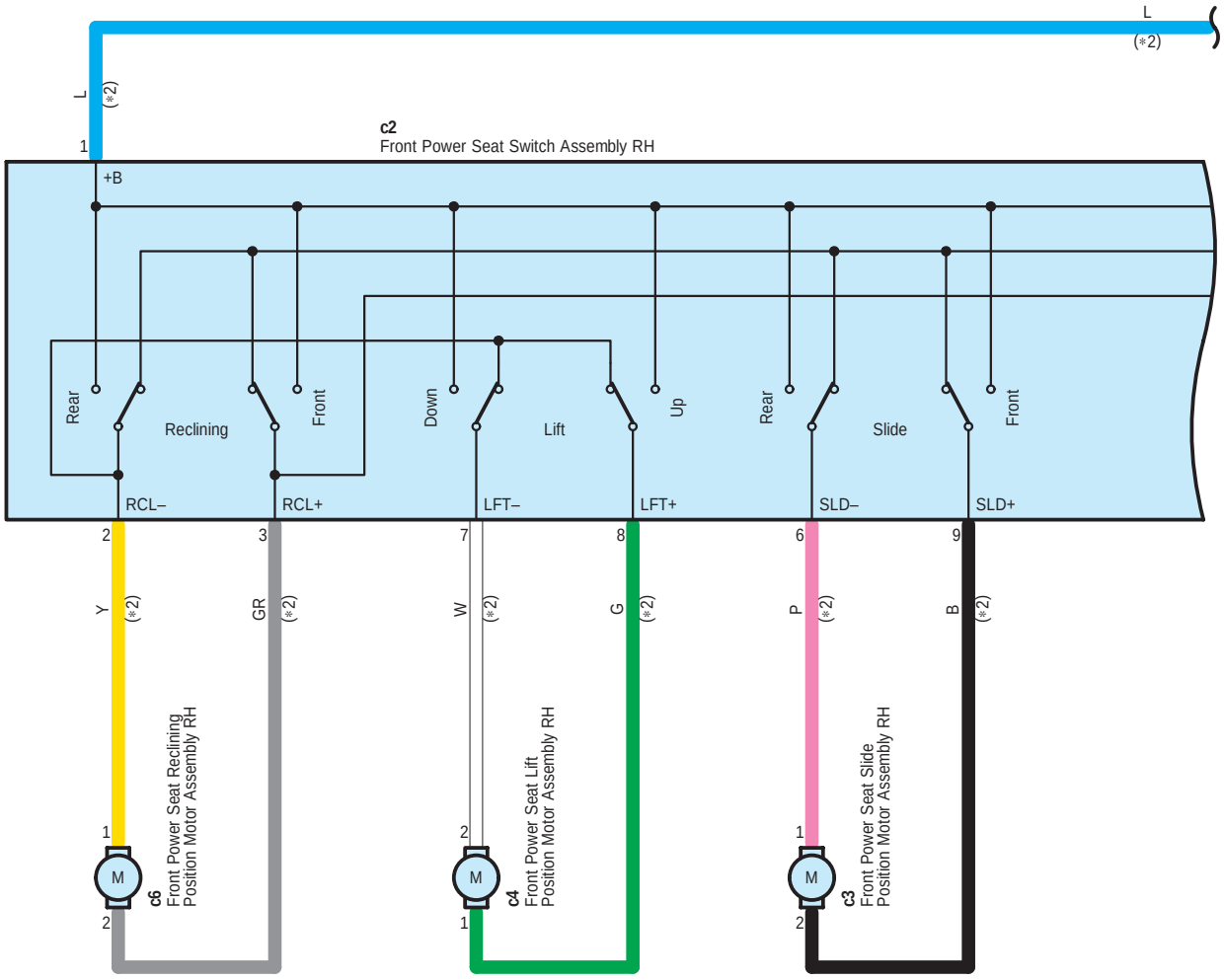


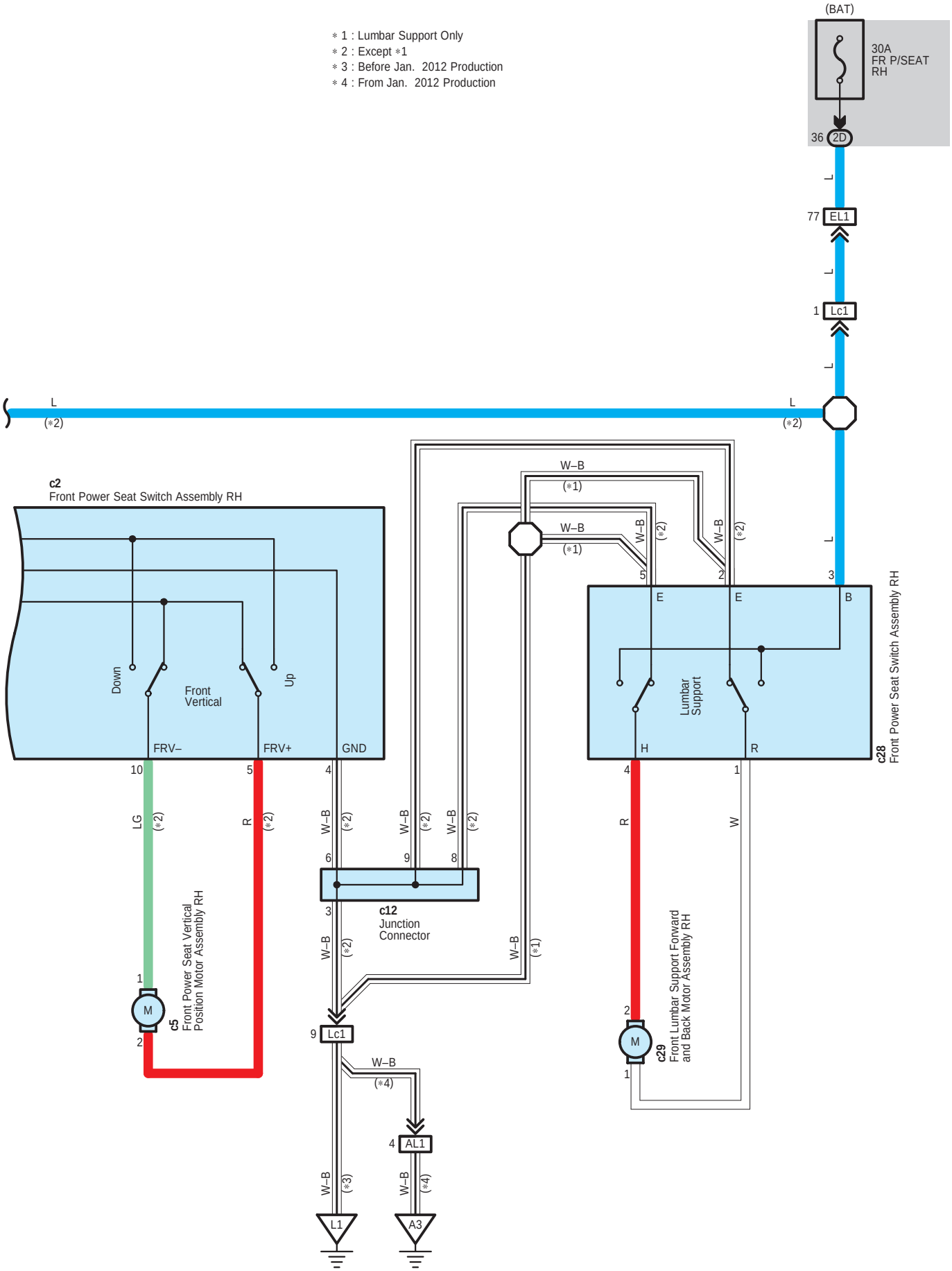
KL1
White



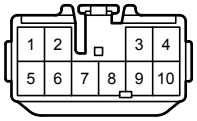
Lc1
White



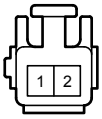

L
(*2)
L
(*2)
1
c2
Front Power Seat Switch Assembly RH
+B
Rear
Reclining
Front
Down
Lift
Up
Rear
Slide
Front
RCL–
RCL+
LFT–
LFT+
SLD–
SLD+
2
3
7
8
6
9
Y
(*2)
GR
(*2)
W
(*2)
G
(*2)
P
(*2)
B
(*2)
1
2
M
c6
Front Power Seat Reclining Position Motor Assembly RH
c4
Front Power Seat Lift Position Motor Assembly RH
c3
Front Power Seat Slide Position Motor Assembly RH


∗1 : Lumbar Support Only
∗2 : Except ∗1
∗3 : Before Jan. 2012 Production
∗4 : From Jan. 2012 Production
(BAT)
30A
FR P/SEAT
RH
36
2D
77
EL1
1
Lc1
L
(∗2)
c2
Front Power Seat Switch Assembly RH
Down
Front
Vertical
Up
FRV–
FRV+
GND
10
5
4
LG
R
W–B
(∗1)
6
9
8
3
c12
Junction
Connector
c5
Front Power Seat Vertical
Position Motor Assembly RH
M
1
2
9
Lc1
4
AL1
(∗3)
(∗4)
L1
A3
E
E
B
5
2
3
Lumbar
Support
H
R
c28
Front Power Seat Switch Assembly RH
4
1
R
W
2
M
1
c29
Front Lumbar Support Forward
and Back Motor Assembly RH

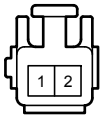
c 2
Black



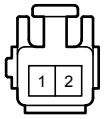
c 3
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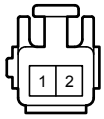
c 4
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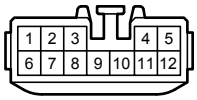
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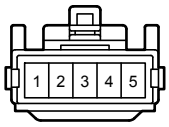
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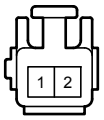
c 12
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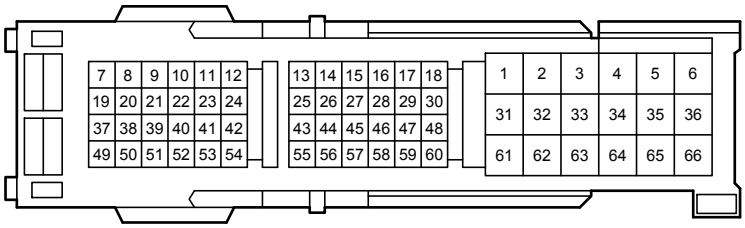
c 28
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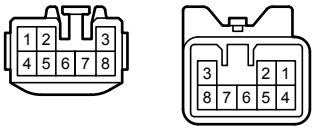
c 29
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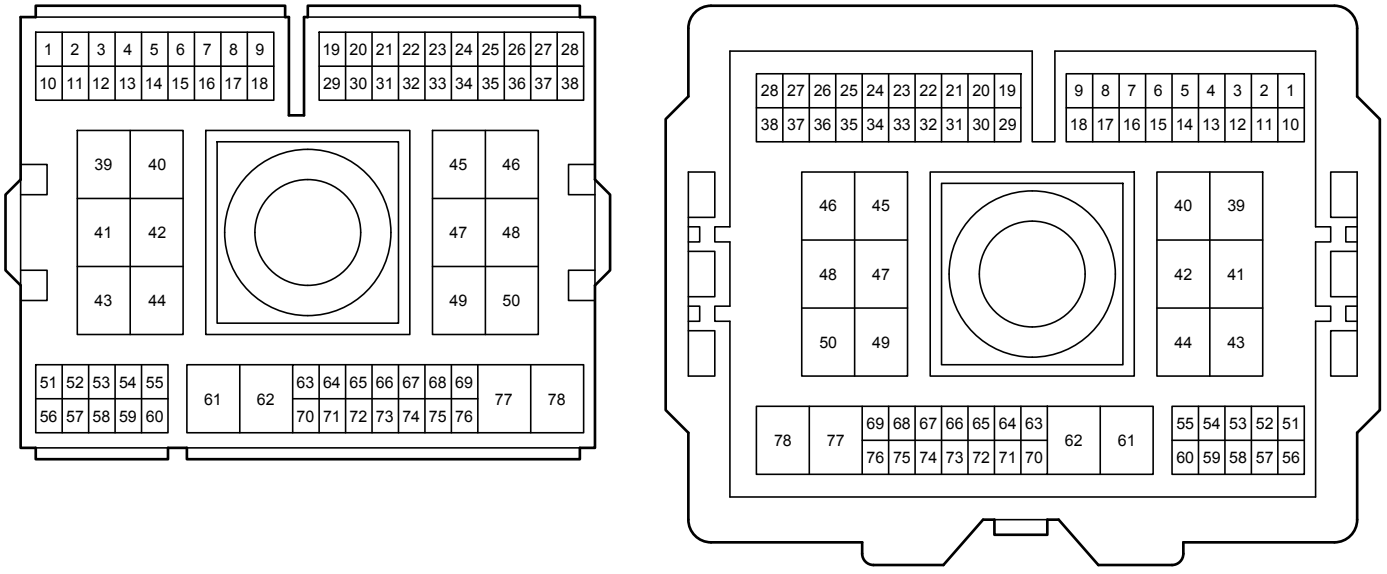
2D
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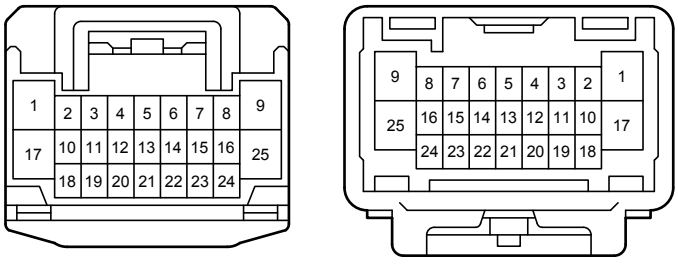
AL1
White

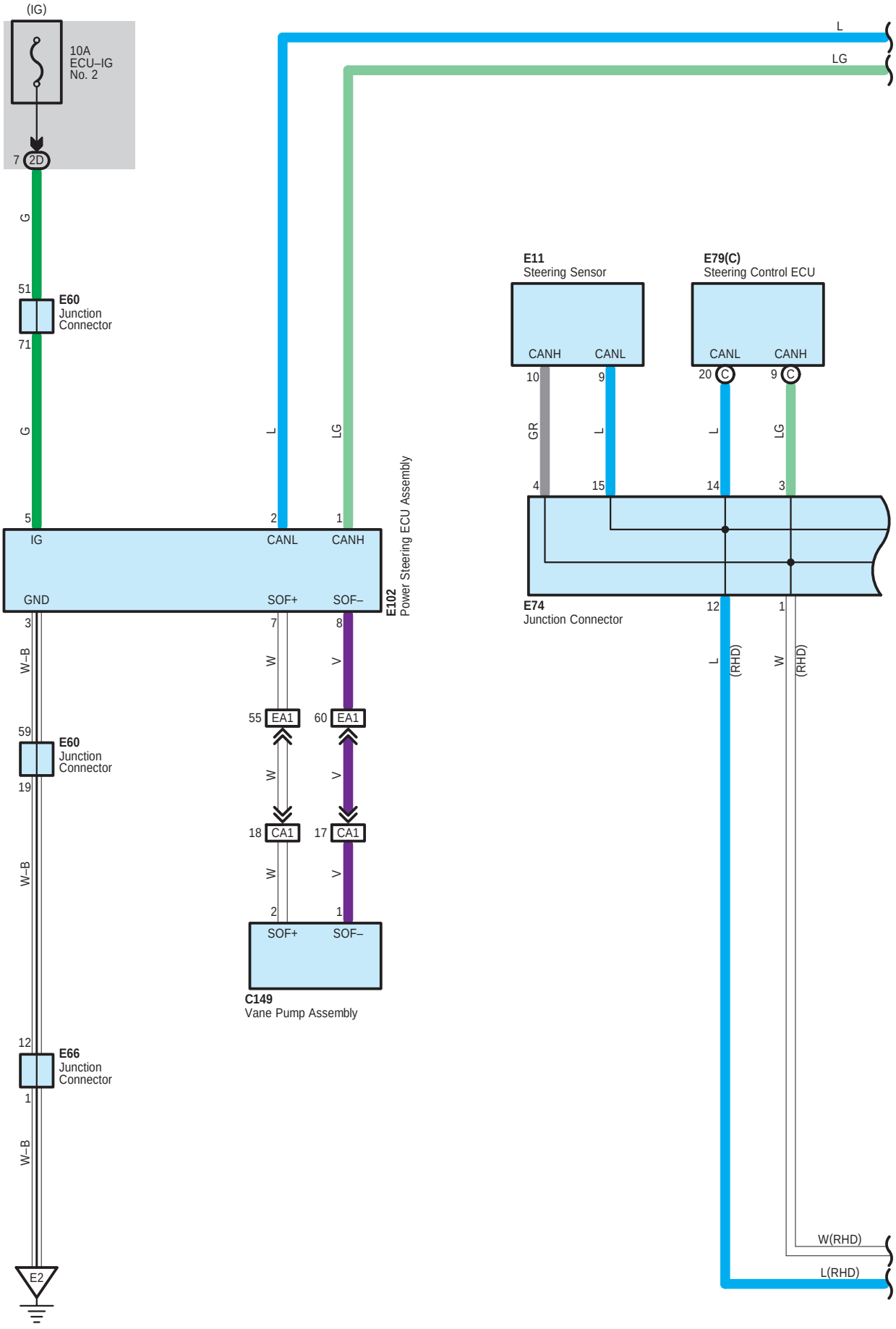


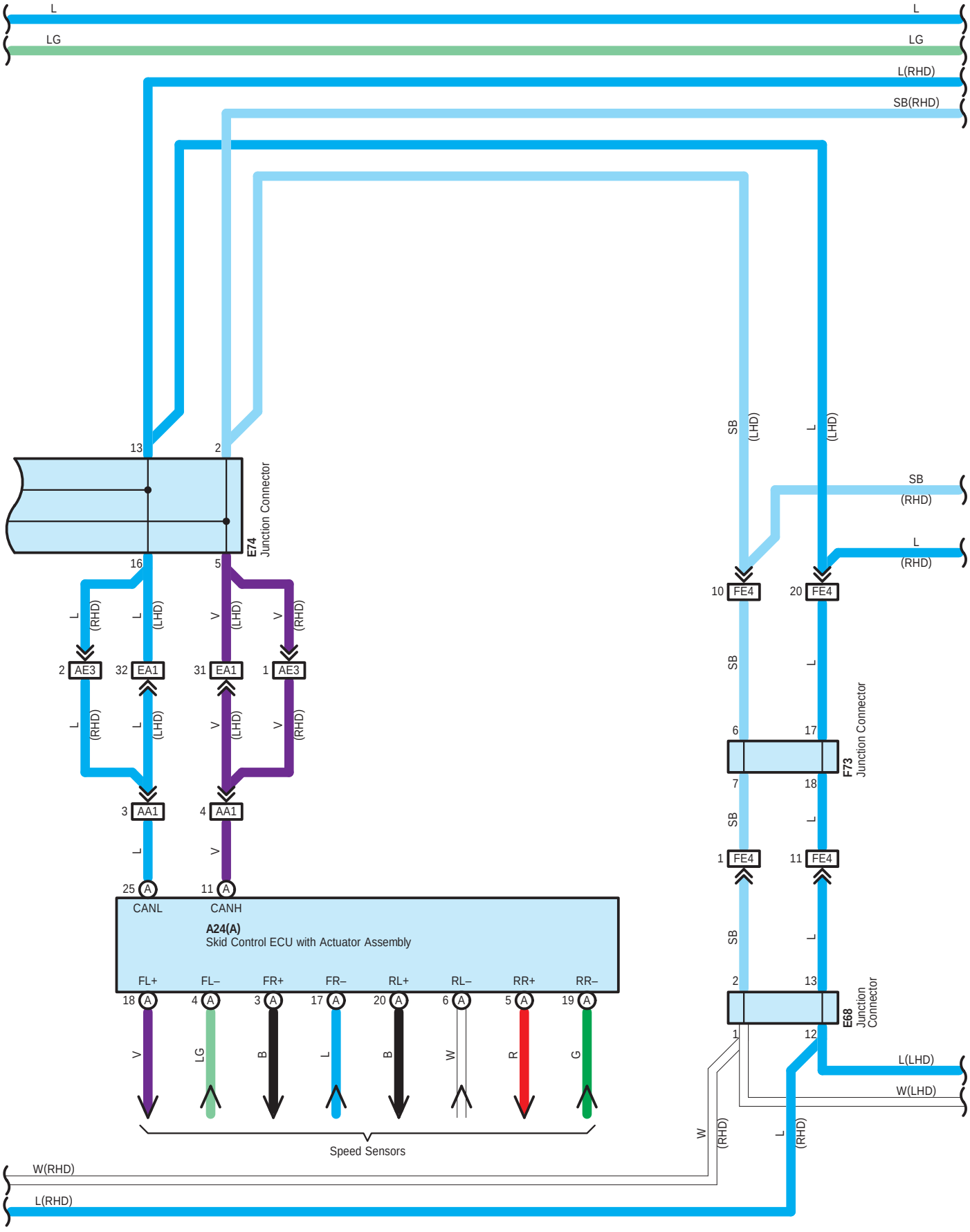
EL1
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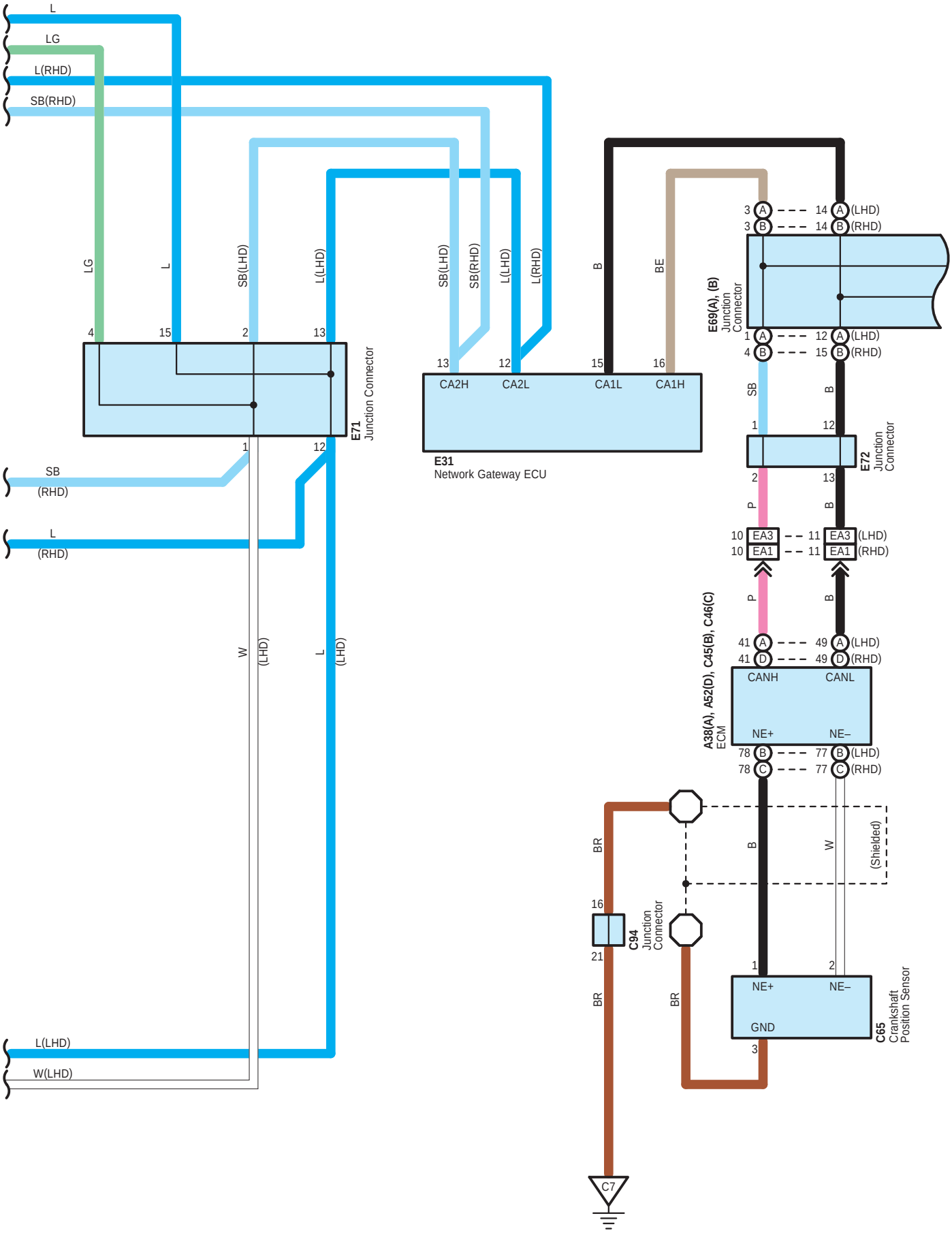


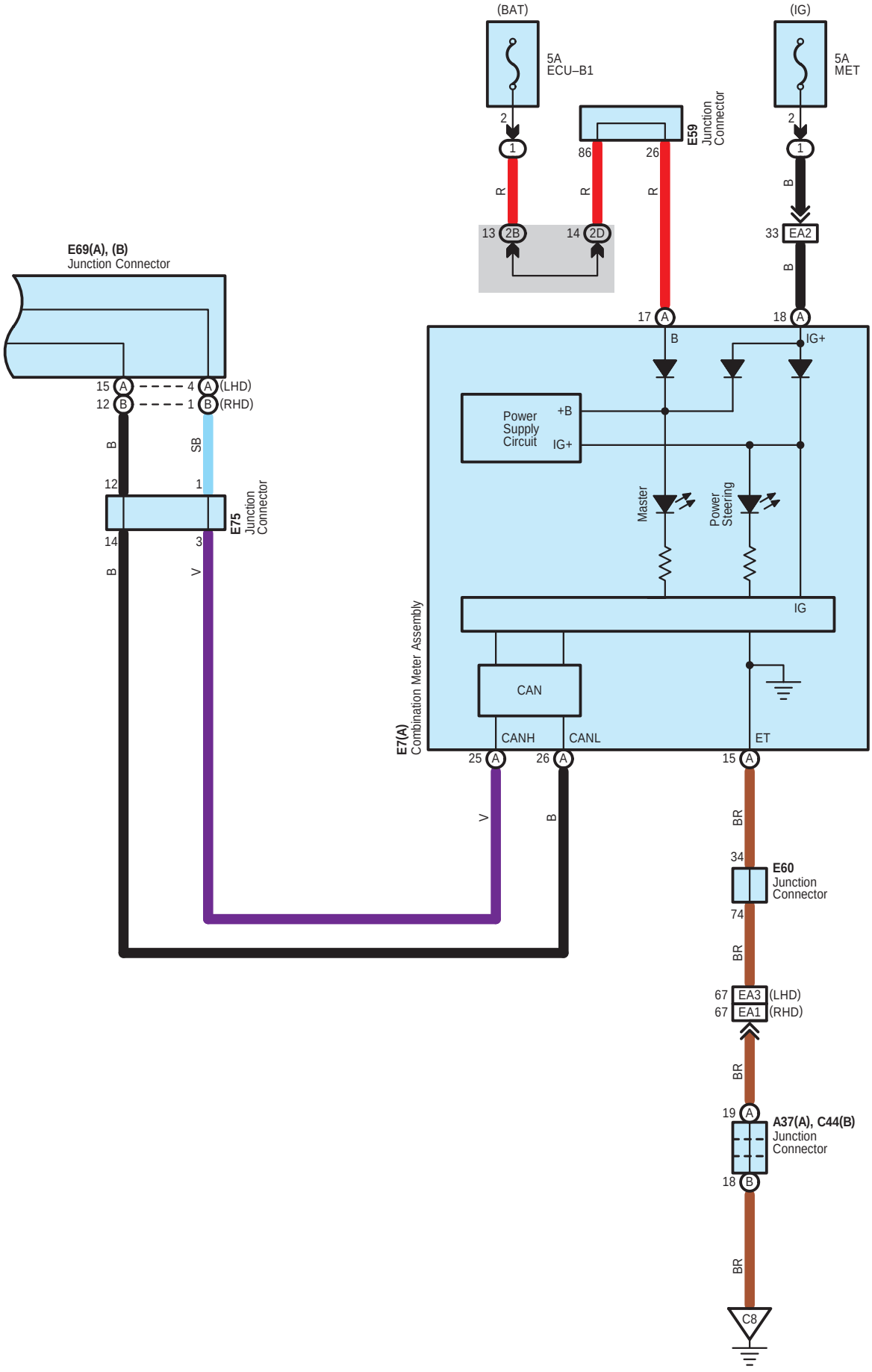
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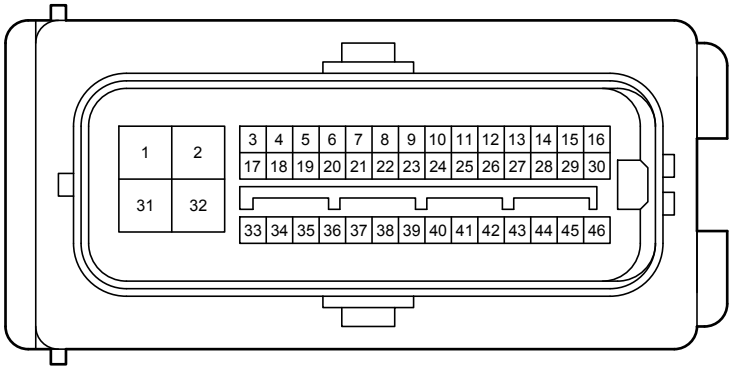

(IG)
10A
ECU–IG
No. 2
7
2D
G
51
E60
Junction
Connector
71
G
5
IG
GND
3
W–B
59
E60
Junction
Connector
19
W–B
12
E66
Junction
Connector
1
W–B
E2
L
LG
2
1
CANL
CANH
SOF+
SOF–
E102
Power Steering ECU Assembly
7
8
W
V
55
EA1
60
EA1
W
V
18
CA1
17
CA1
W
V
2
1
SOF+
SOF–
C149
Vane Pump Assembly
E11
Steering Sensor
CANH
CANL
10
9
GR
L
4
15
E79(C)
Steering Control ECU
CANL
CANH
20
C
9
C
L
LG
14
3
E74
Junction Connector
12
1
L
(RHD)
W
(RHD)
L
LG
W(RHD)
L(RHD)


L
LG
L(RHD)
SB(RHD)
13
2
E74
Junction Connector
16
5
L (RHD)
L (LHD)
V (LHD)
V (RHD)
2 AE3
32 EA1
31 EA1
1 AE3
3 AA1
4 AA1
25 A
11 A
CANL
CANH
A24(A)
Skid Control ECU with Actuator Assembly
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
V
LG
B
L
B
W
R
G
Speed Sensors
W(RHD)
L(RHD)
SB (LHD)
L (LHD)
SB (RHD)
L (RHD)
10 FE4
20 FE4
SB
L
6
17
F73
Junction Connector
7
18
1 FE4
11 FE4
2
13
E68
Junction Connector
1
12
L(LHD)
W(LHD)
W (RHD)
L (RHD)

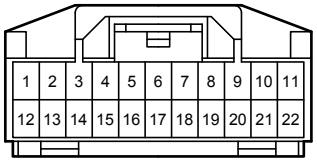

L
LG
L(RHD)
SB(RHD)
LG
L
SB(LHD)
L(LHD)
SB(LHD)
SB(RHD)
L(LHD)
L(RHD)
B
BE
4
15
2
13
13
12
15
16
E71
Junction Connector
CA2H
CA2L
CA1L
CA1H
E31
Network Gateway ECU
1
12
SB
(RHD)
L
(RHD)
W
(LHD)
L
(LHD)
L(LHD)
W(LHD)
3 A
3 B
14 A (LHD)
14 B (RHD)
E69(A), (B)
Junction Connector
1 A
4 B
12 A (LHD)
15 B (RHD)
SB
B
1
12
E72
Junction Connector
2
13
P
B
10 EA3
10 EA1
11 EA3 (LHD)
11 EA1 (RHD)
P
B
41 A
41 D
49 A (LHD)
49 D (RHD)
CANH
CANL
NE+
NE–
A38(A), A52(D), C45(B), C46(C)
ECM
78 B
78 C
77 B (LHD)
77 C (RHD)
BR
B
W
(Shielded)
16
21
C94
Junction Connector
BR
BR
1
2
NE+
NE–
GND
3
C65
Crankshaft Position Sensor
C7


(BAT)
5A
ECU–B1
2
1
R
E59
Junction
Connector
86
26
R
R
13
2B
14
2D
(IG)
5A
MET
2
1
B
33
EA2
B
17
A
18
A
B
IG+
E69(A), (B)
Junction Connector
15
A
4
A
(LHD)
12
B
1
B
(RHD)
B
SB
12
1
E75
Junction
Connector
14
3
B
V
Power
Supply
Circuit
+B
IG+
Master
Power
Steering
IG
CAN
CANH
CANL
ET
E7(A)
Combination Meter Assembly
25
A
26
A
15
A
V
B
BR
34
E60
Junction
Connector
74
BR
67
EA3
(LHD)
67
EA1
(RHD)
BR
19
A
A37(A), C44(B)
Junction
Connector
18
B
BR
C8

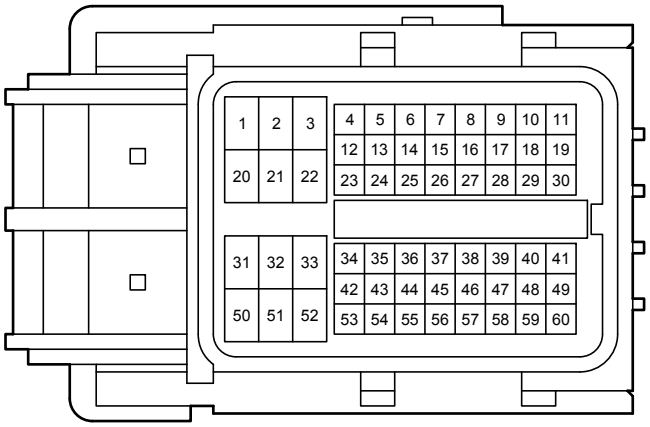
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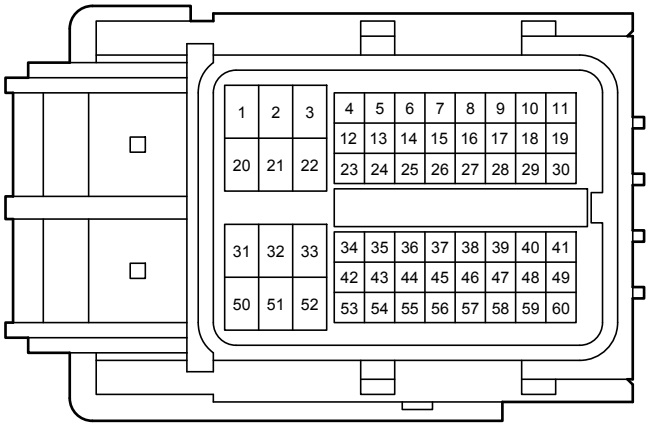
A 37
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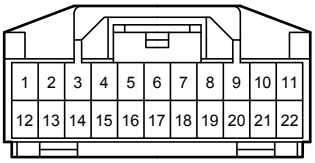
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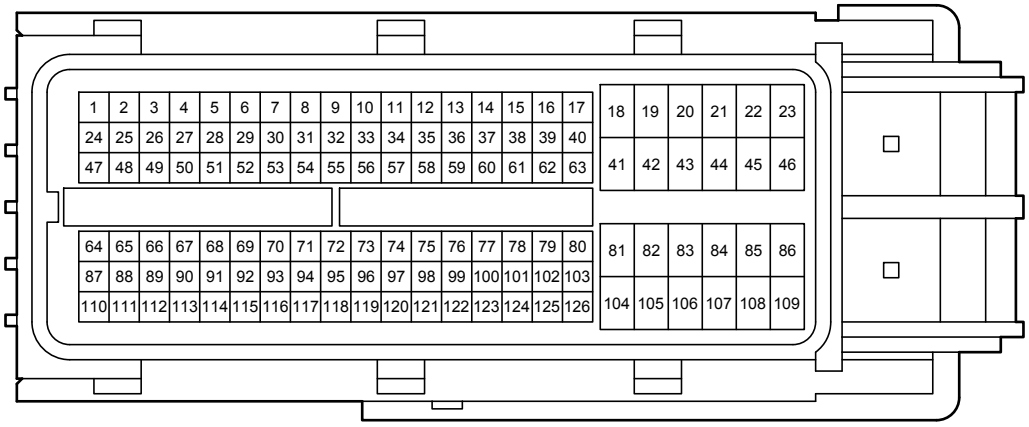
A 52
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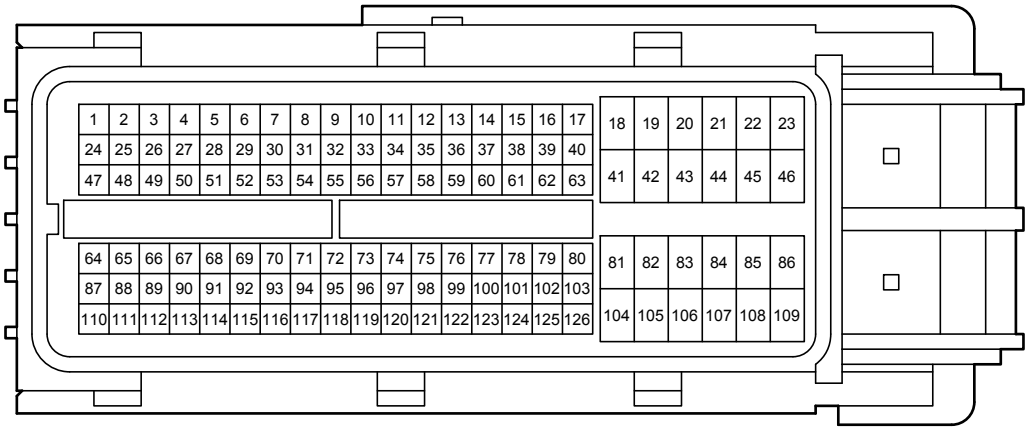
C 44
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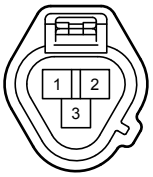
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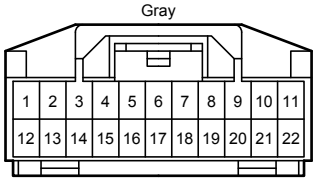
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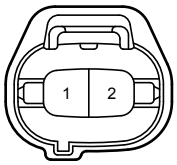
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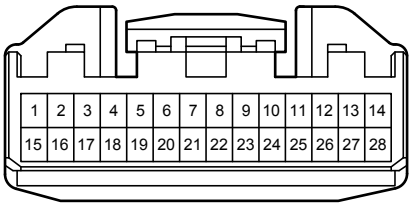
C 94
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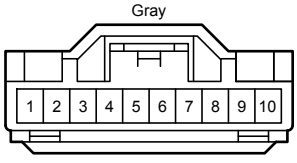
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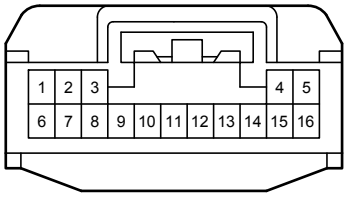
E 7
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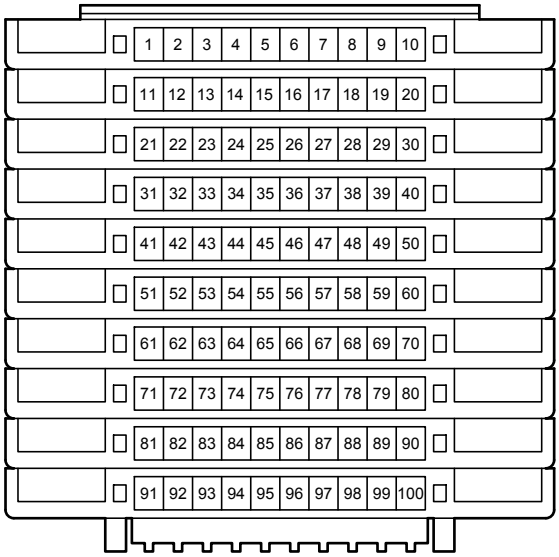
E 11
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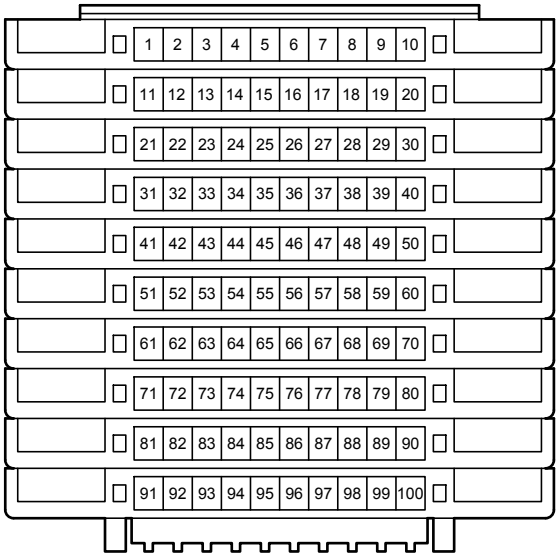
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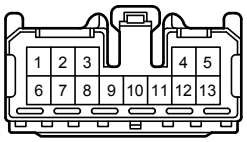
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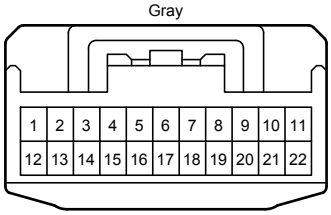
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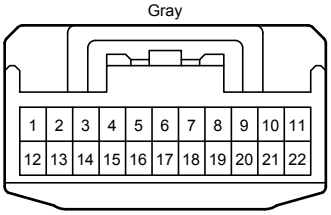
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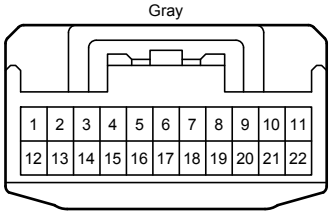
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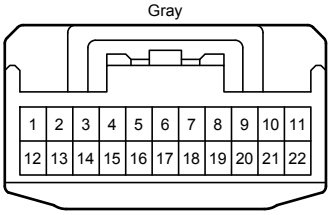
E 69
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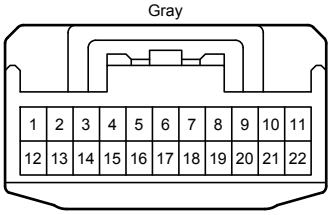
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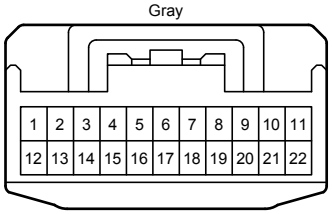
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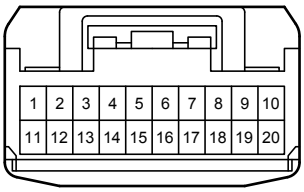
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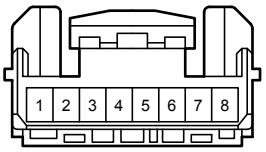
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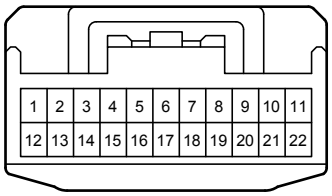
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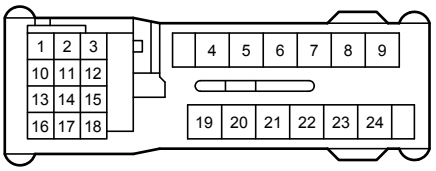
E102
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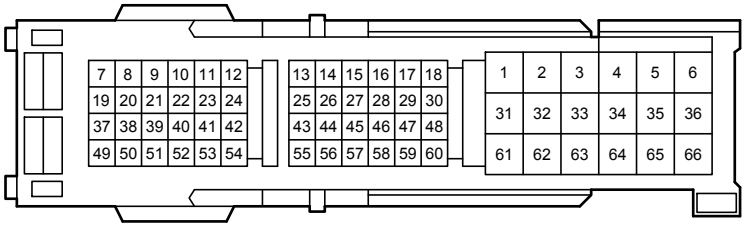
F 73
Blue



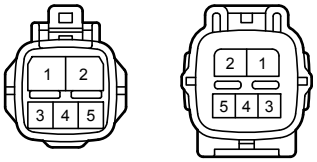
2B
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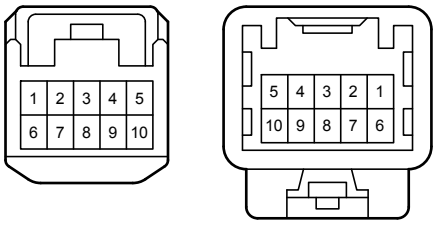
2D
White



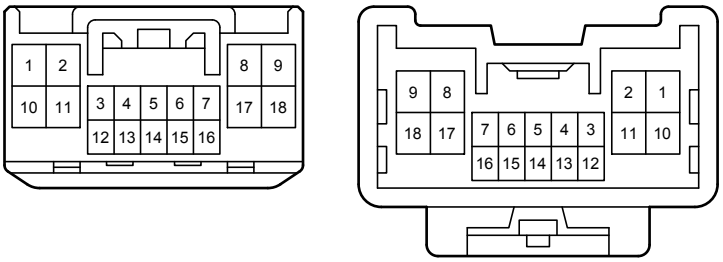
AA1
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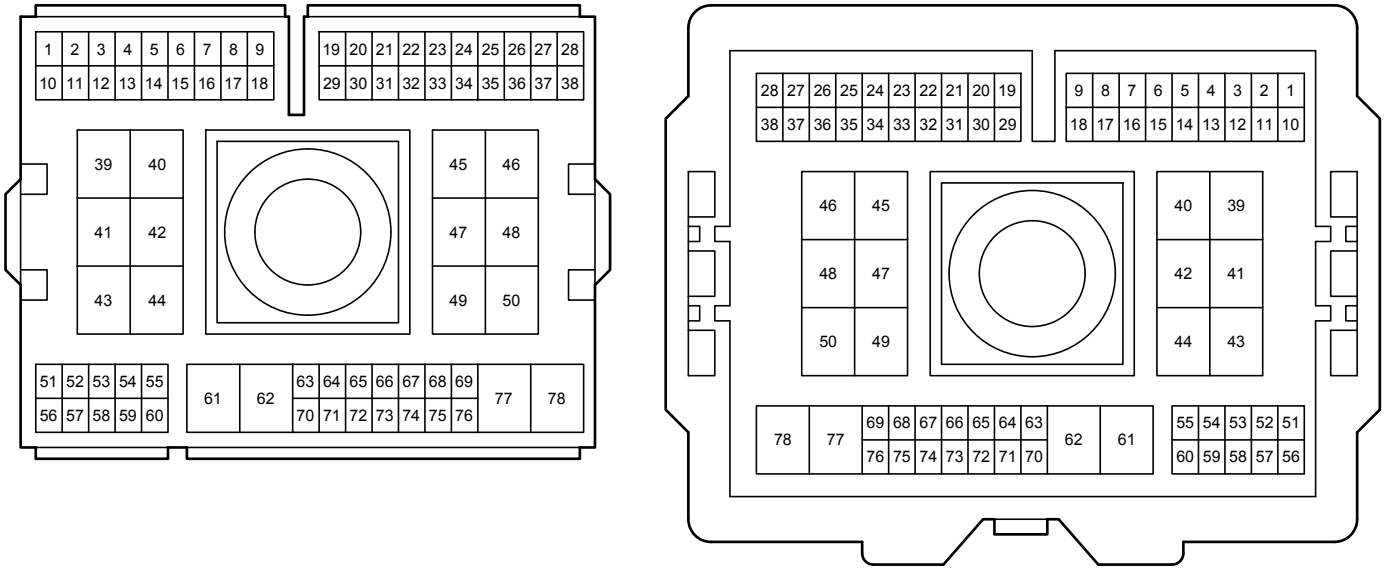
AE3
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CA1
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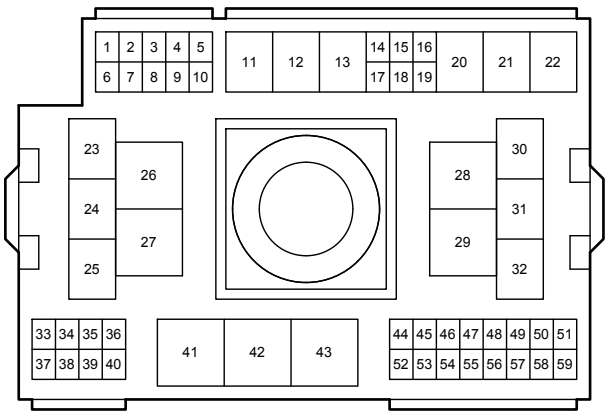


EA1
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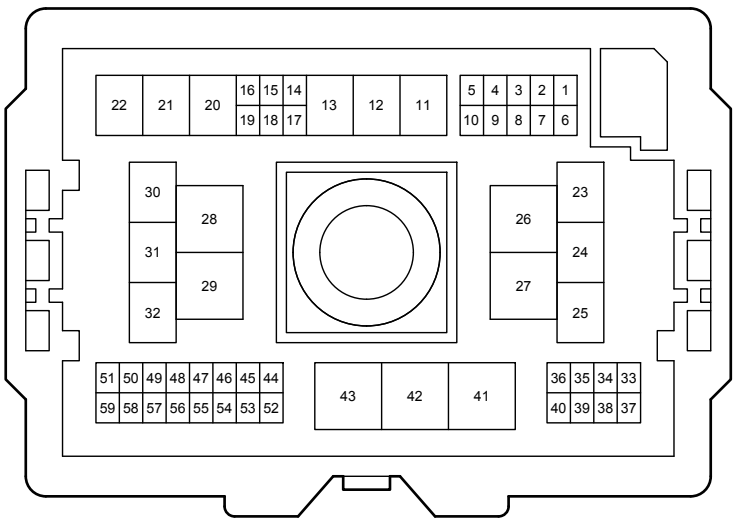


EA2

White

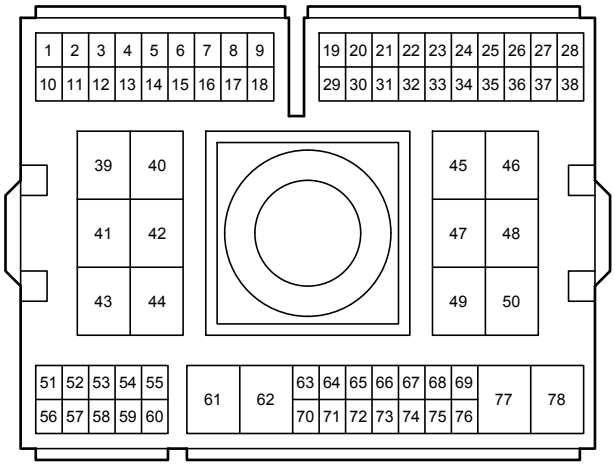


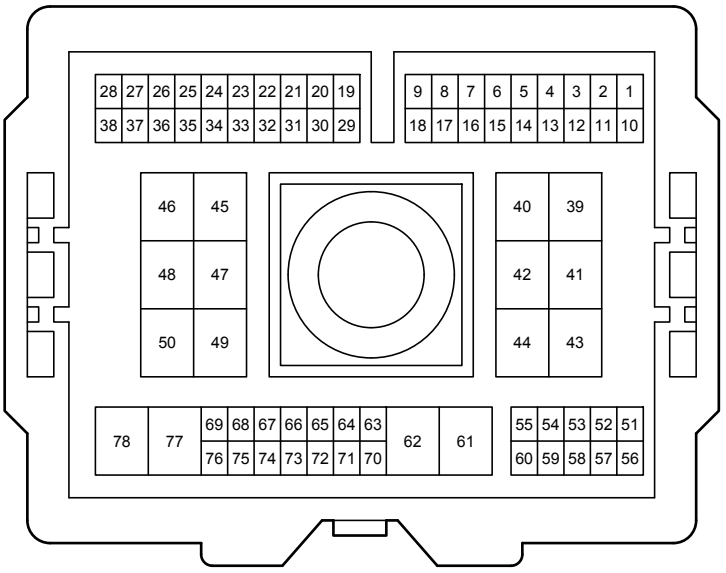
Gray



EA3

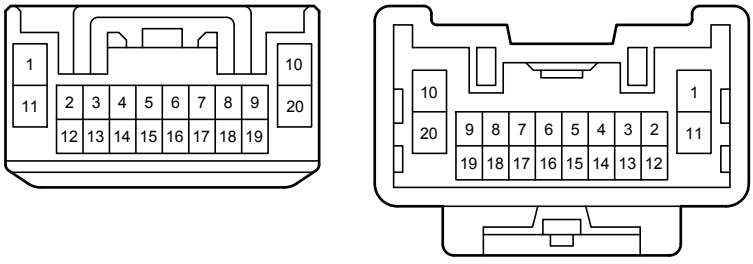
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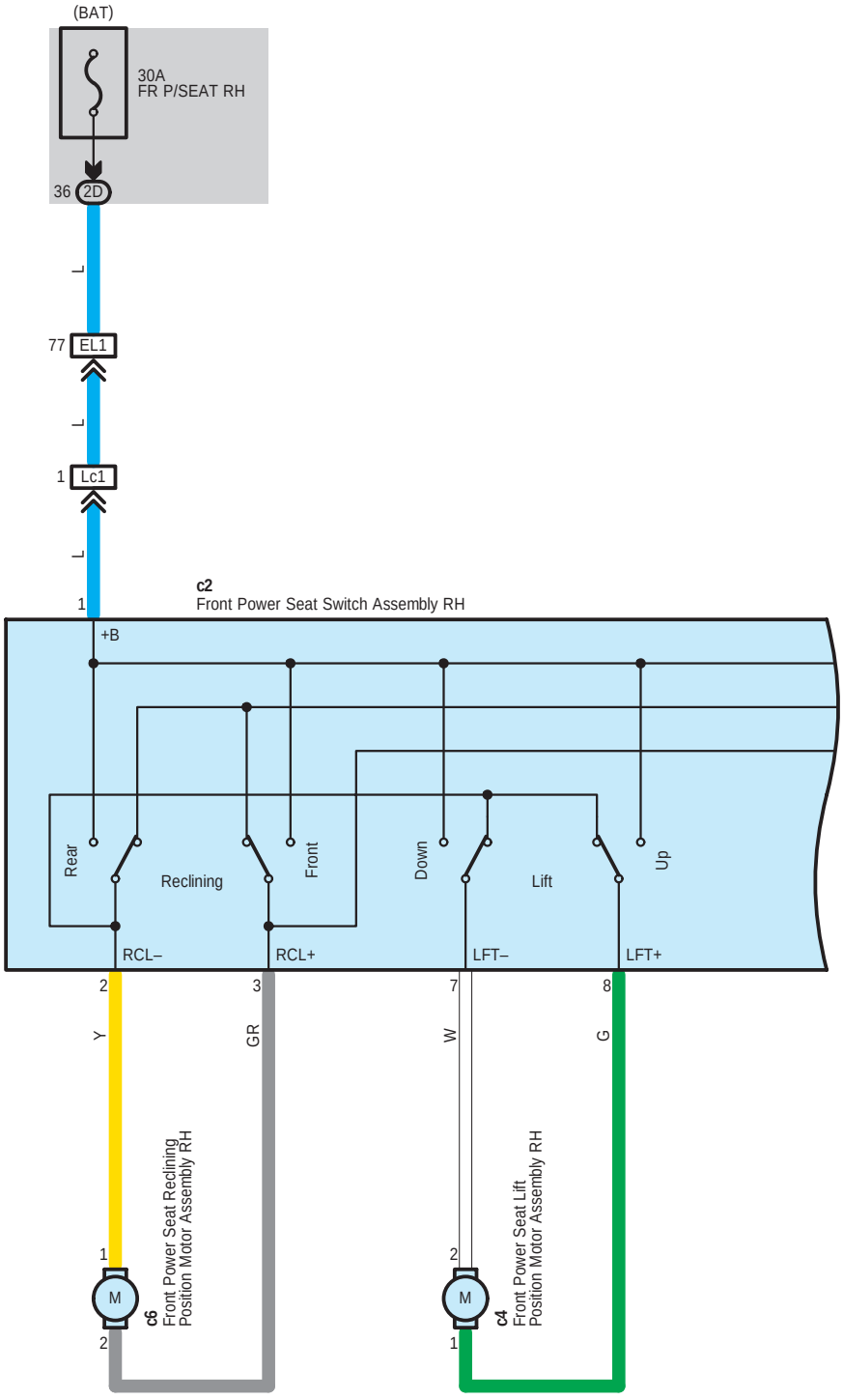




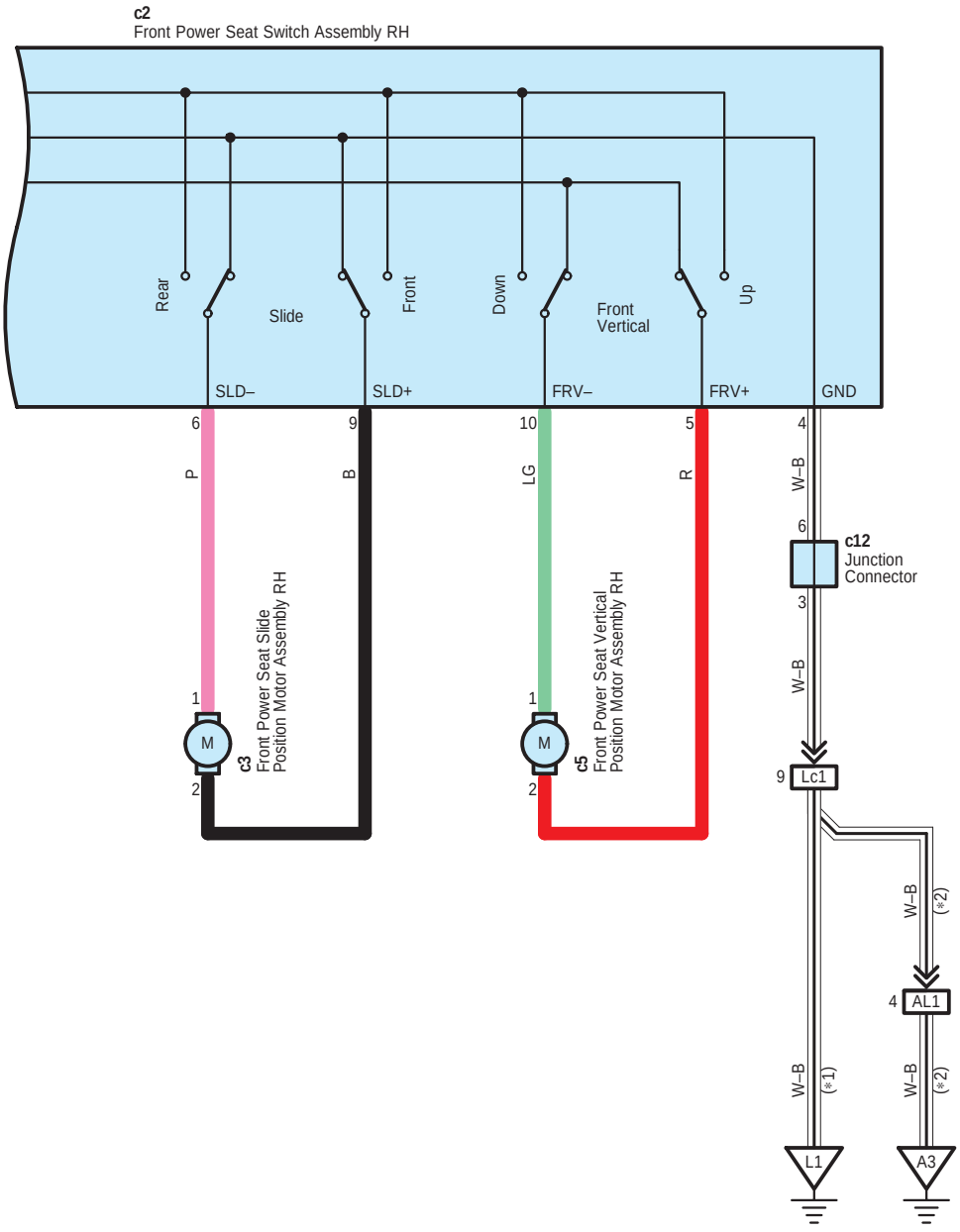
FE4

White

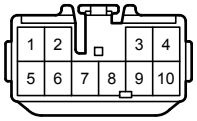



(BAT)
30A
FR P/SEAT RH
36 2D
L
77 EL1
L
1 Lc1
L
1
c2
Front Power Seat Switch Assembly RH
+B
Rear
Reclining
Front
Down
Lift
Up
RCL–
RCL+
LFT–
LFT+
2
3
7
8
Y
GR
W
G
1
2
M
c6
Front Power Seat Reclining
Position Motor Assembly RH
2
1
M
c4
Front Power Seat Lift
Position Motor Assembly RH

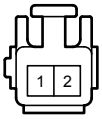
∗ 1 : Before Jan. 2012 Production
∗ 2 : From Jan. 2012 Production



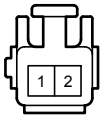
c 2
Black



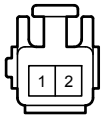
c 3
White



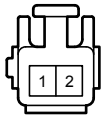
c 4
White



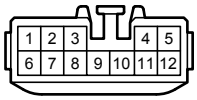
c 5
White



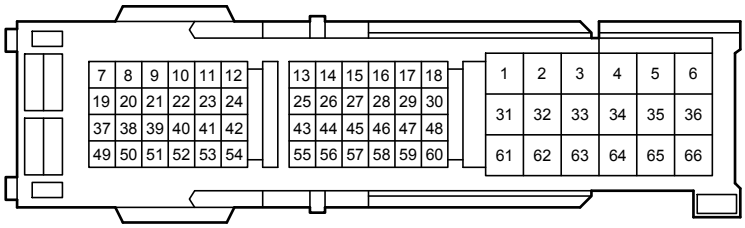
c 6
White



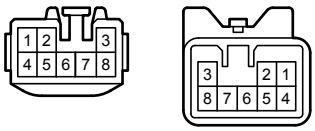
c 12
White



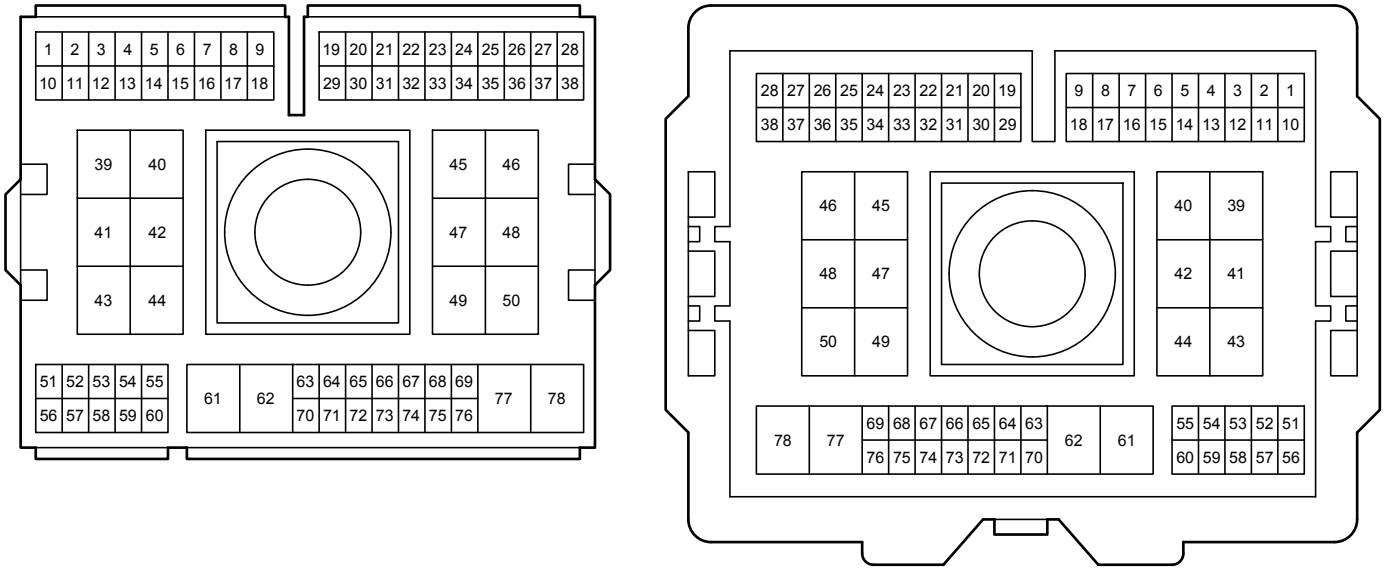
2D
White



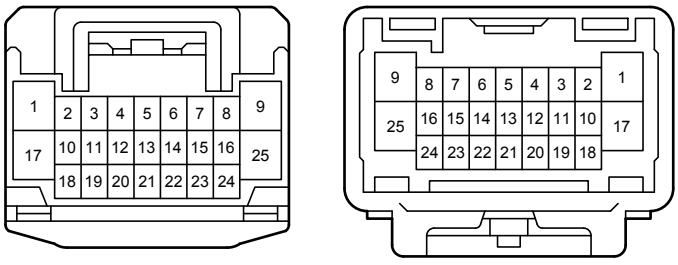
AL1
White

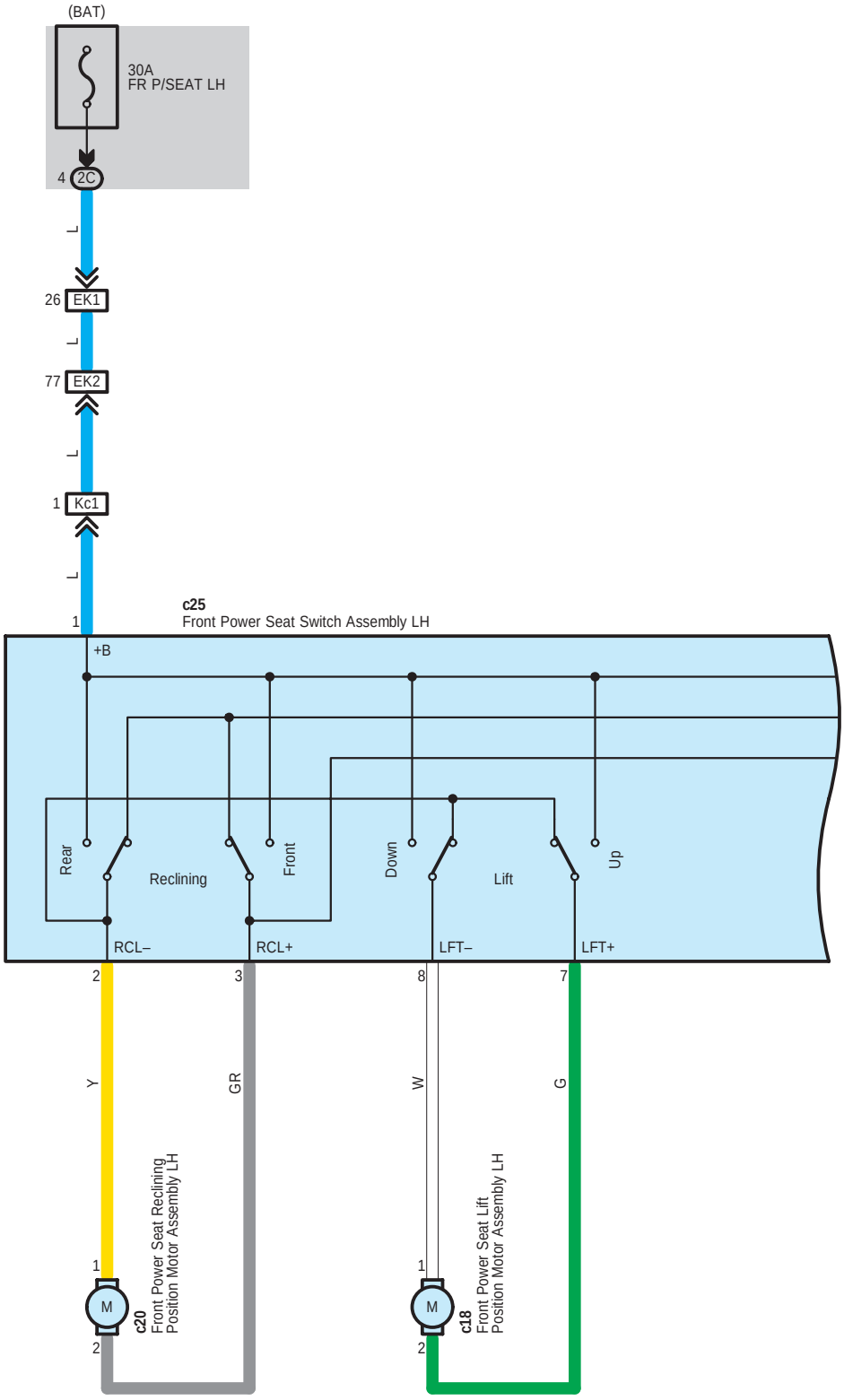


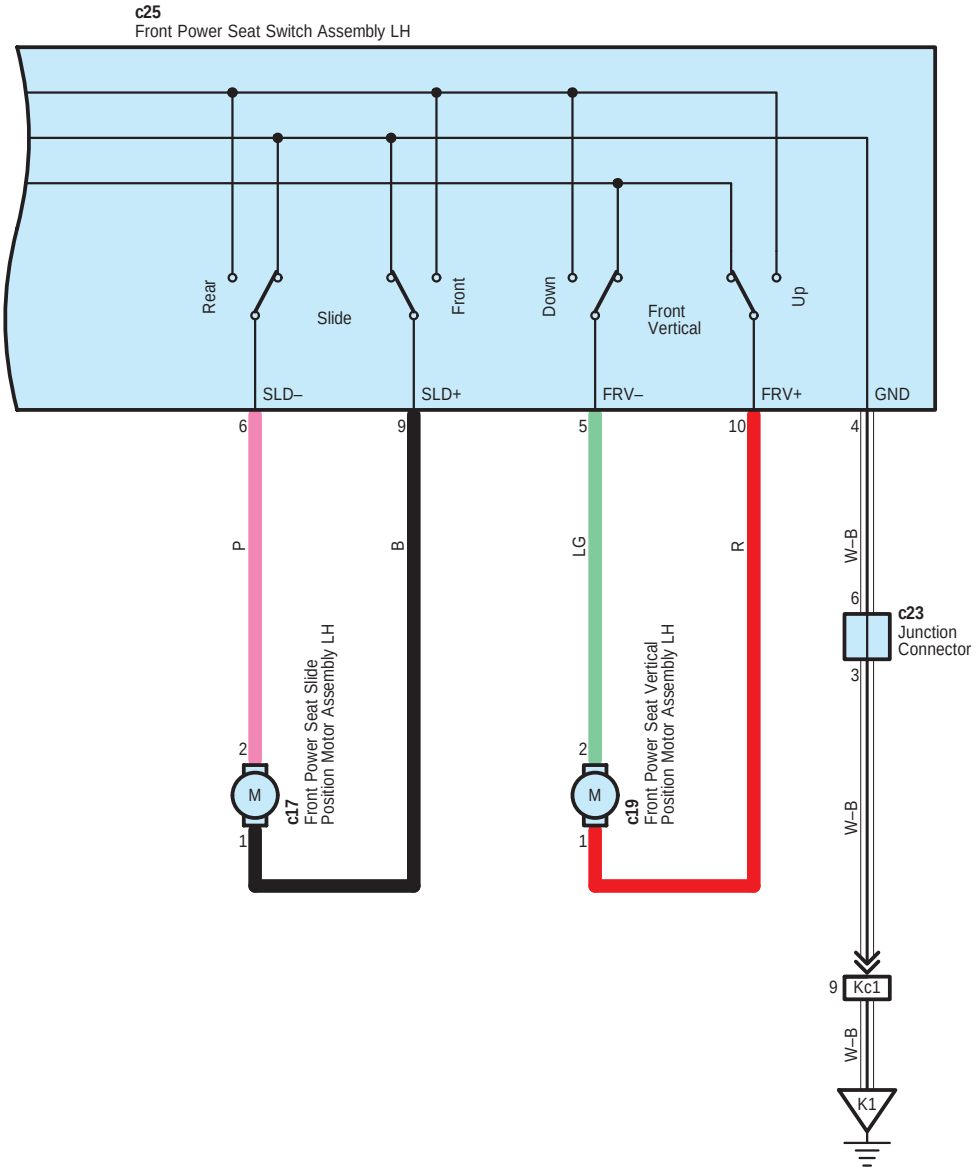
EL1
White

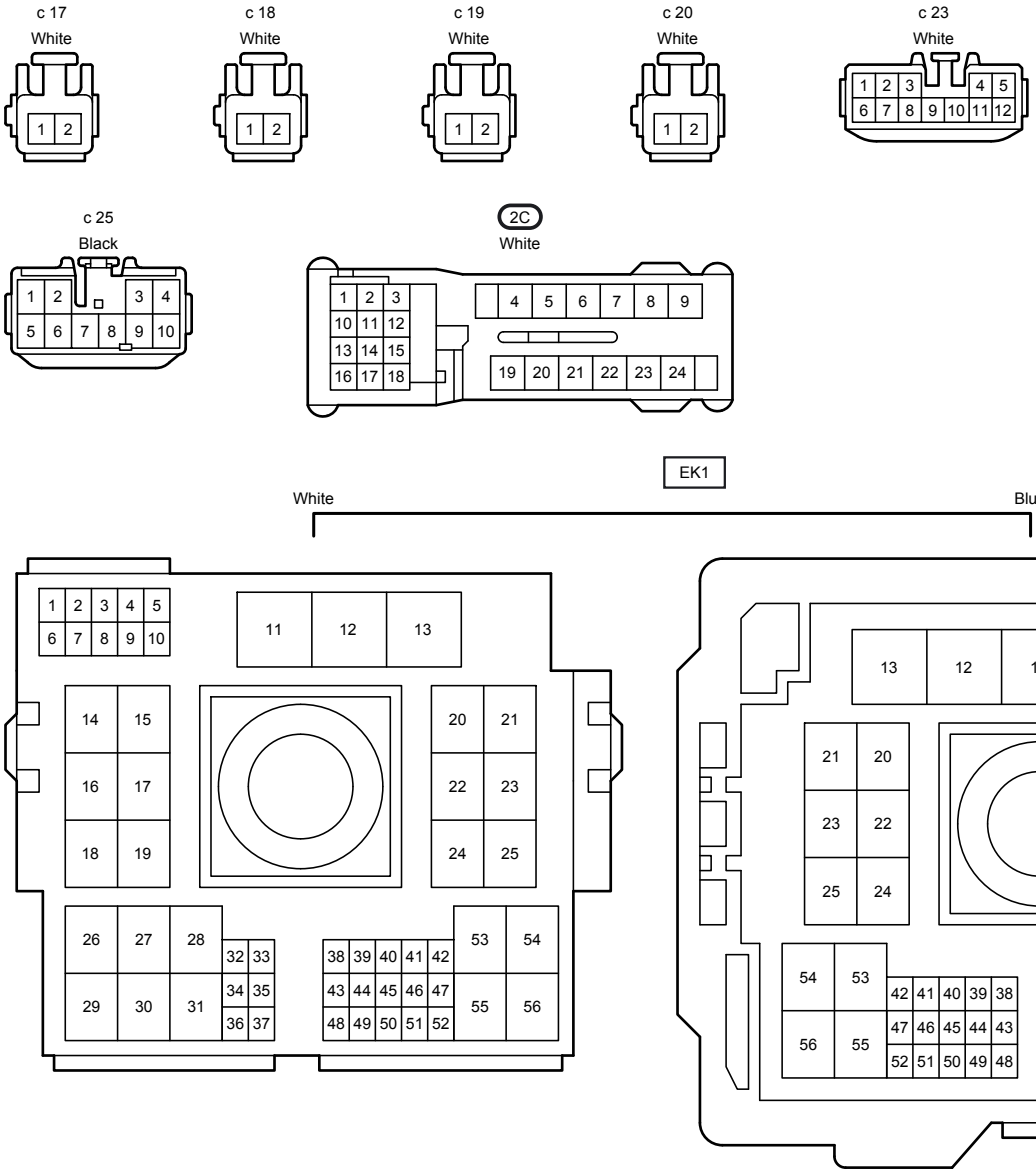


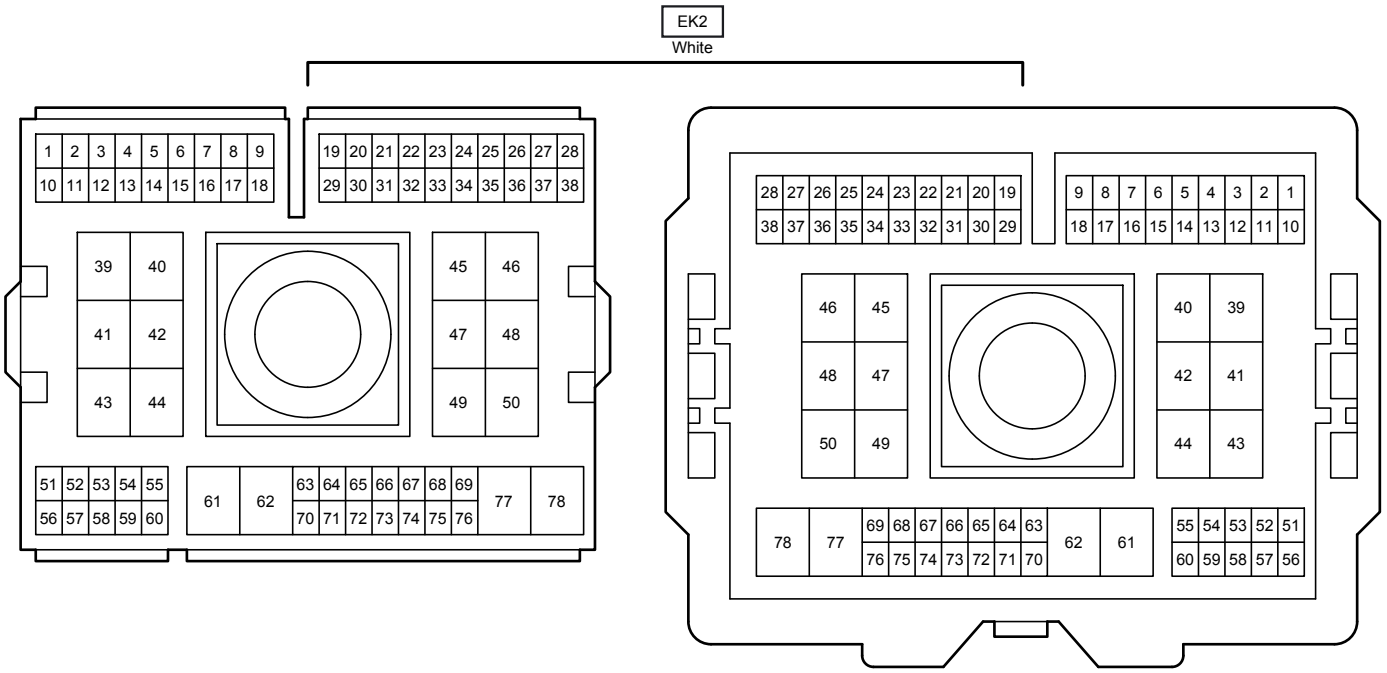
Lc1
White

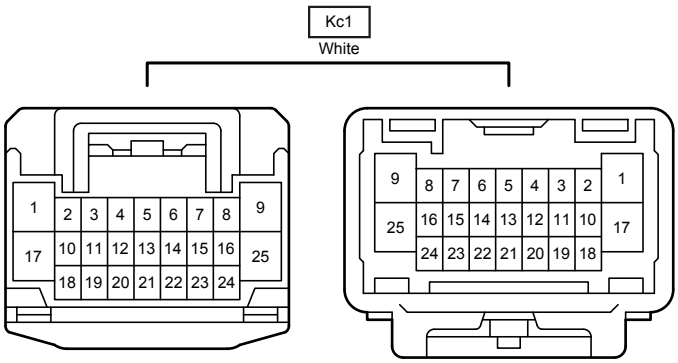


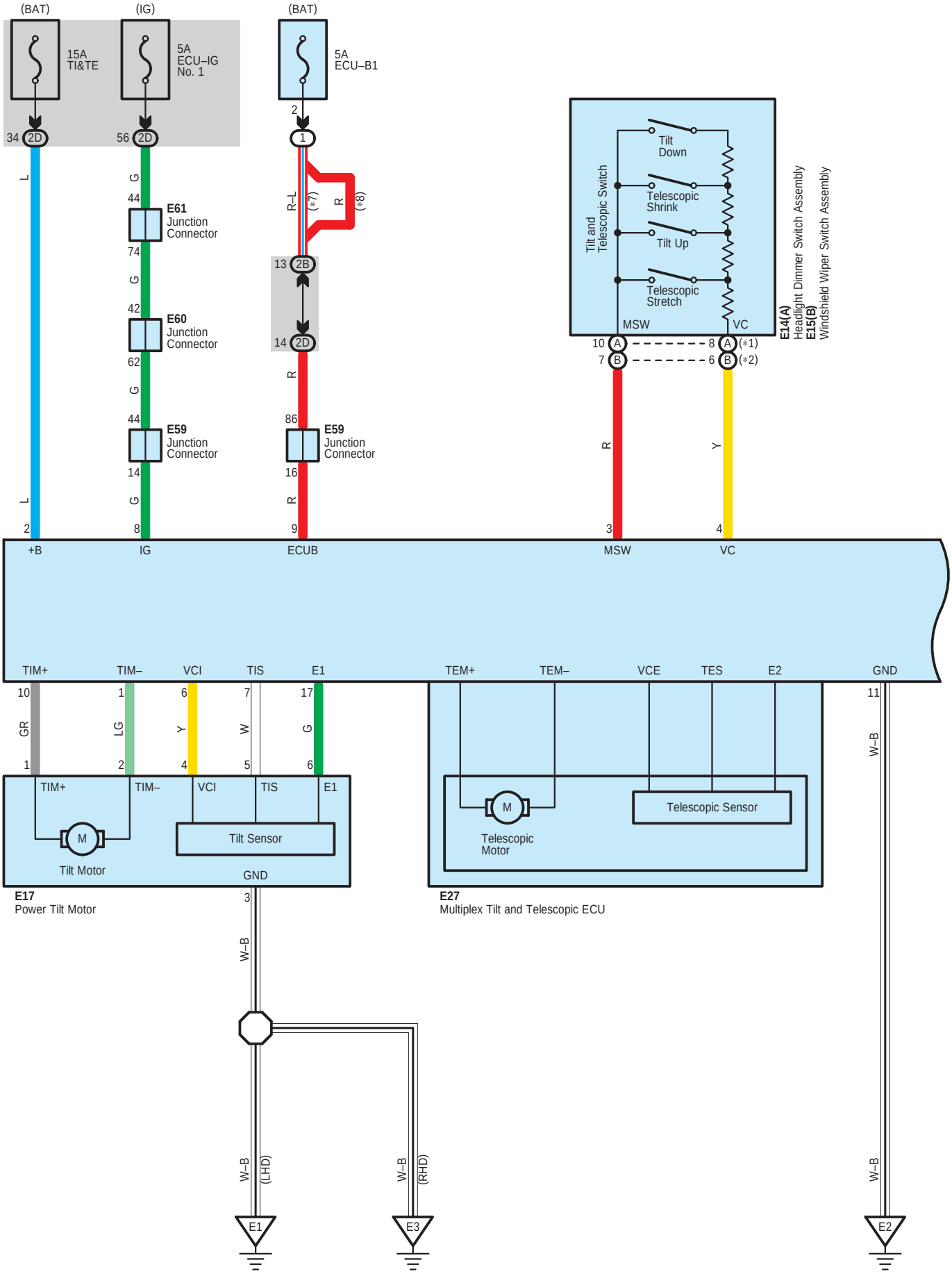

(BAT)
30A
FR P/SEAT LH
4 2C
L
26 EK1
L
77 EK2
L
1 Kc1
L
1
c25
Front Power Seat Switch Assembly LH
+B
Rear
Reclining
Front
Down
Lift
Up
RCL–
RCL+
LFT–
LFT+
2
3
8
7
Y
GR
W
G
1
M
2
c20
Front Power Seat Reclining
Position Motor Assembly LH
1
M
2
c18
Front Power Seat Lift
Position Motor Assembly LH


c25
Front Power Seat Switch Assembly LH
Rear
Slide
Front
Down
Front
Vertical
Up
SLD–
SLD+
FRV–
FRV+
GND
6
9
5
10
4
P
B
LG
R
W–B
6
c23
Junction
Connector
3
2
2
M
M
1
1
c17
Front Power Seat Slide
Position Motor Assembly LH
c19
Front Power Seat Vertical
Position Motor Assembly LH
W–B
9
Kc1
W–B
K1

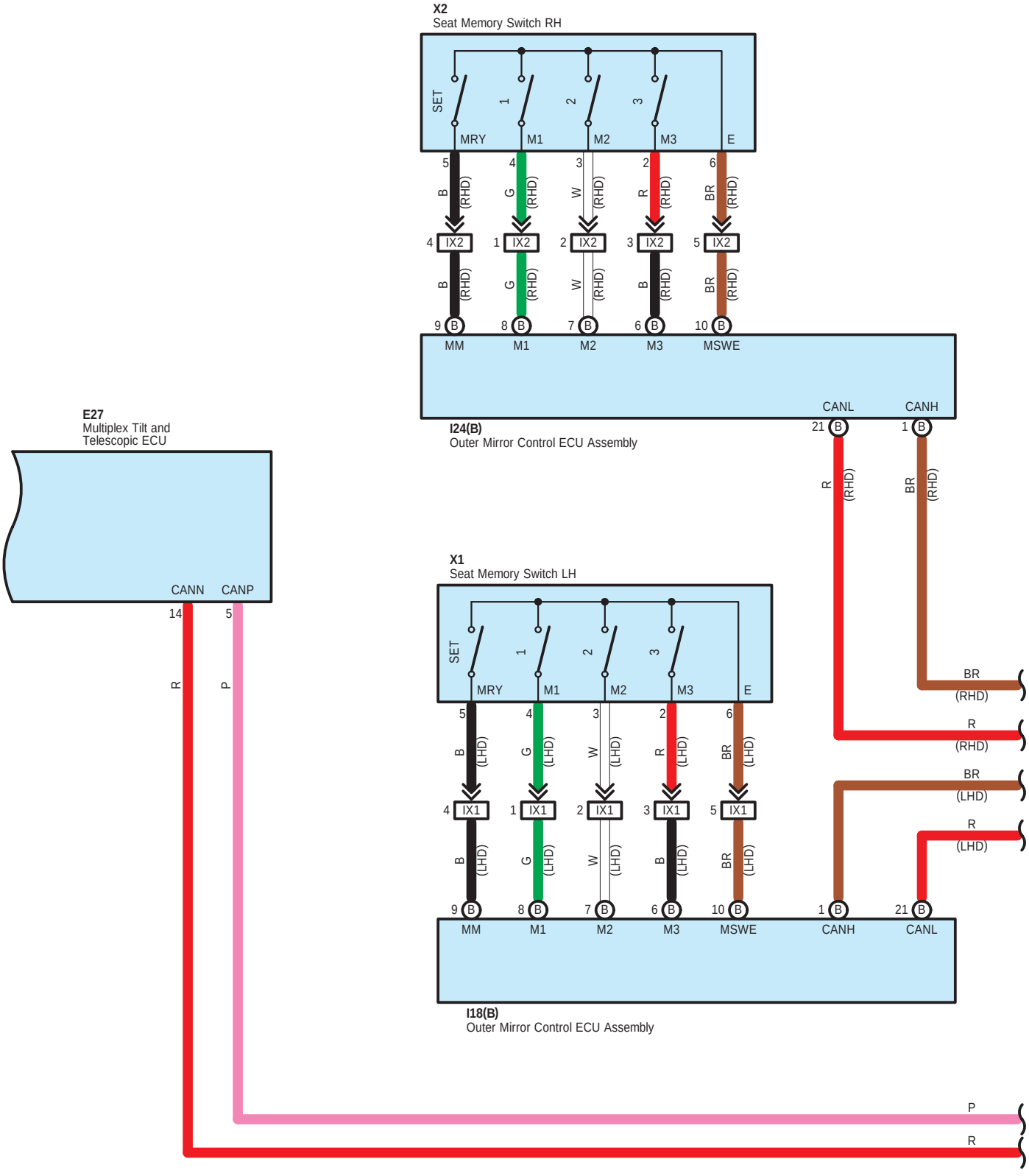

c 17
White
1 2
c 18
White
1 2
c 19
White
1 2
c 20
White
1 2
c 23
White
1 2 3 4 5
6 7 8 9 10 11 12
c 25
Black
1 2 3 4
5 6 7 8 9 10
2C
White
1 2 3
10 11 12
13 14 15
16 17 18
4 5 6 7 8 9
19 20 21 22 23 24
EK1
White
Blue
1 2 3 4 5
6 7 8 9 10
11 12 13
14 15
16 17
18 19
20 21
22 23
24 25
26 27 28
29 30 31
32 33
34 35
36 37
38 39 40 41 42
43 44 45 46 47
48 49 50 51 52
53 54
55 56
13 12 11
5 4 3 2 1
10 9 8 7 6
21 20
23 22
25 24
15 14
17 16
19 18
54 53
56 55
42 41 40 39 38
47 46 45 44 43
52 51 50 49 48
33 32
35 34
37 36
28 27 26
31 30 29


EK2
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45
48 47
50 49
40 39
42 41
44 43
78 77
69 68 67 66 65 64 63
76 75 74 73 72 71 70
62 61
55 54 53 52 51
60 59 58 57 56

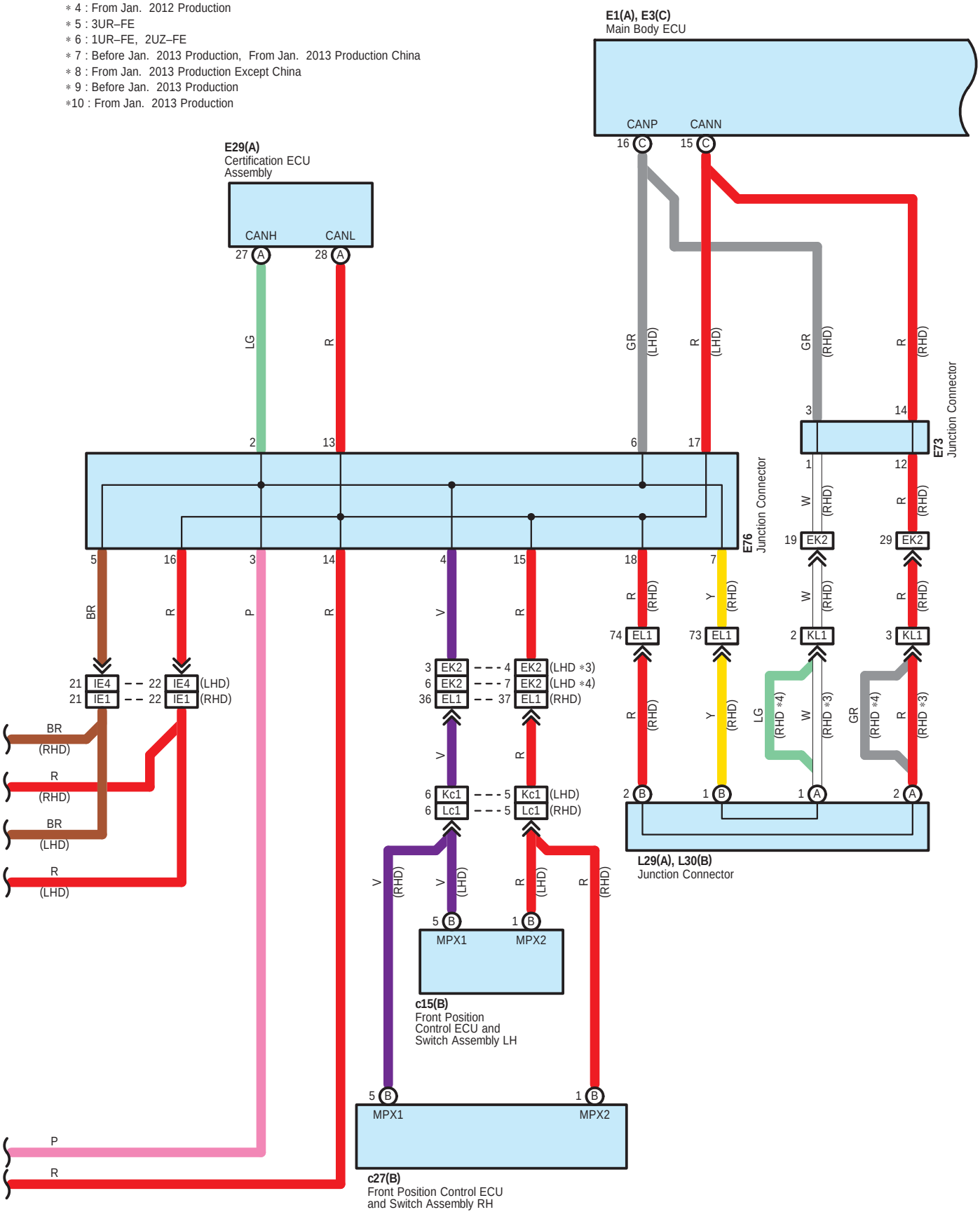

Kc1
White
1 2 3 4 5 6 7 8 9
17 10 11 12 13 14 15 16 25
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18

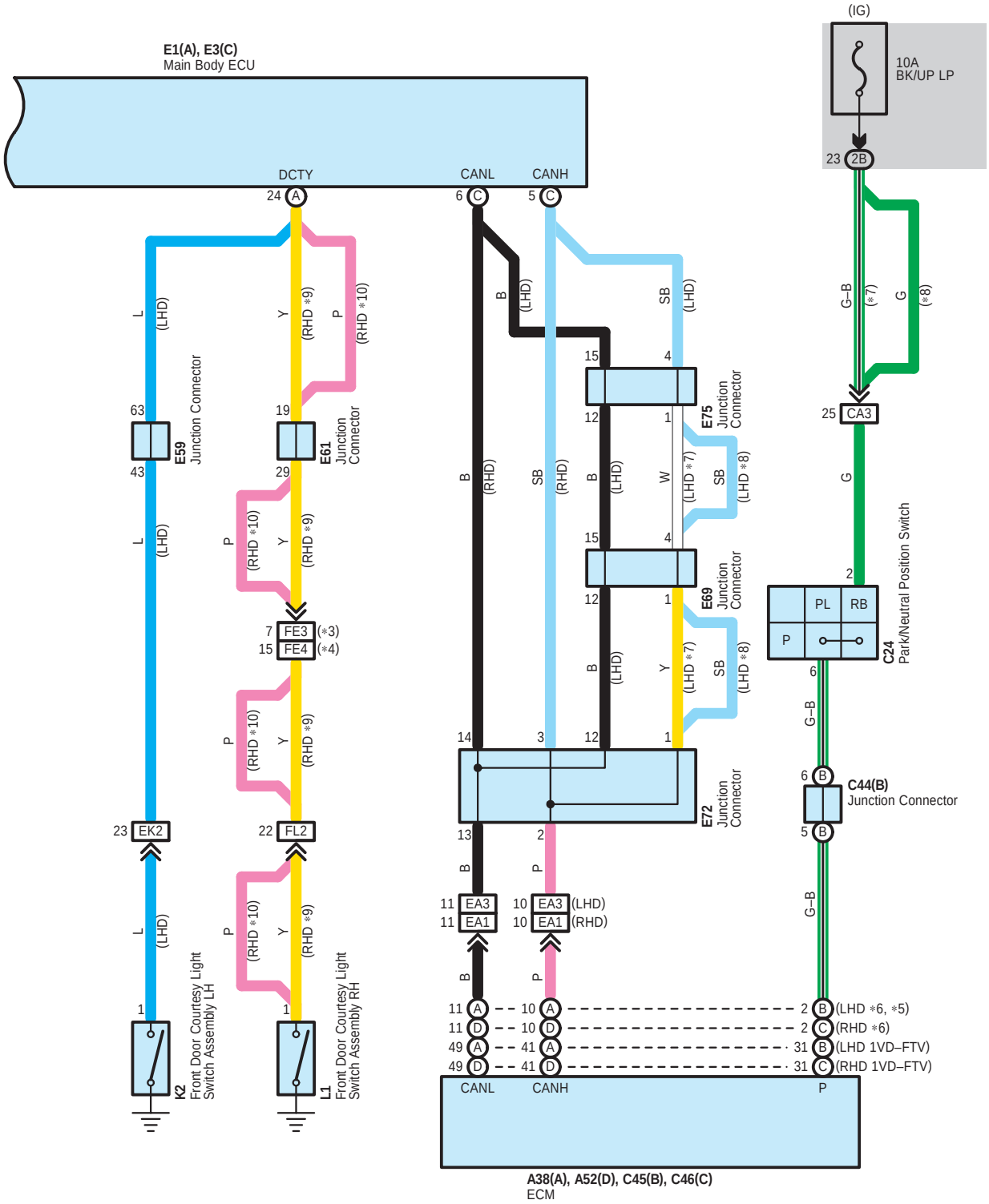

(BAT)
(IG)
(BAT)
15A
TI&TE
5A
ECU–IG
No. 1
5A
ECU–B1
34 2D
56 2D
2
1
L
G
R–L
(*7)
R
(*8)
44
E61
Junction
Connector
74
G
42
E60
Junction
Connector
62
G
44
E59
Junction
Connector
14
G
8
13 2B
14 2D
R
86
E59
Junction
Connector
16
R
9
L
2
+B
IG
ECUB
Tilt
Down
Telescopic
Shrink
Tilt Up
Telescopic
Stretch
Tilt and
Telescopic Switch
MSW
VC
10 A
7 B
8 A (*1)
6 B (*2)
E14(A)
Headlight Dimmer Switch Assembly
E15(B)
Windshield Wiper Switch Assembly
R
Y
3
4
MSW
VC
TIM+
TIM–
VCI
TIS
E1
TEM+
TEM–
VCE
TES
E2
GND
10
GR
1
1
LG
2
6
Y
4
7
W
5
17
G
6
11
W–B
TIM+
TIM–
VCI
TIS
E1
M
Tilt Motor
Tilt Sensor
GND
E17
Power Tilt Motor
3
W–B
M
Telescopic
Motor
Telescopic Sensor
E27
Multiplex Tilt and Telescopic ECU
W–B
(LHD)
W–B
(RHD)
W–B
E1
E3
E2

* 1 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 2 : RHD Headlight Dimmer Switch Assembly RH Side Type
* 7 : Before Jan. 2013 Production, From Jan. 2013 Production China
* 8 : From Jan. 2013 Production Except China

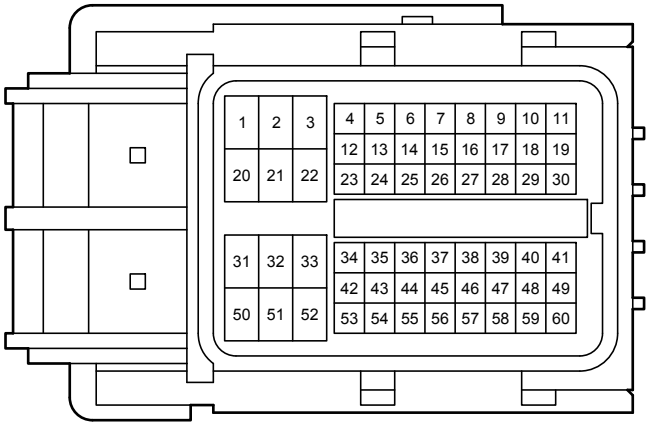


∗ 3 : Before Jan. 2012 Production
∗ 4 : From Jan. 2012 Production
∗ 5 : 3UR–FE
∗ 6 : 1UR–FE, 2UZ–FE
∗ 7 : Before Jan. 2013 Production, From Jan. 2013 Production China
∗ 8 : From Jan. 2013 Production Except China
∗ 9 : Before Jan. 2013 Production
∗10 : From Jan. 2013 Production

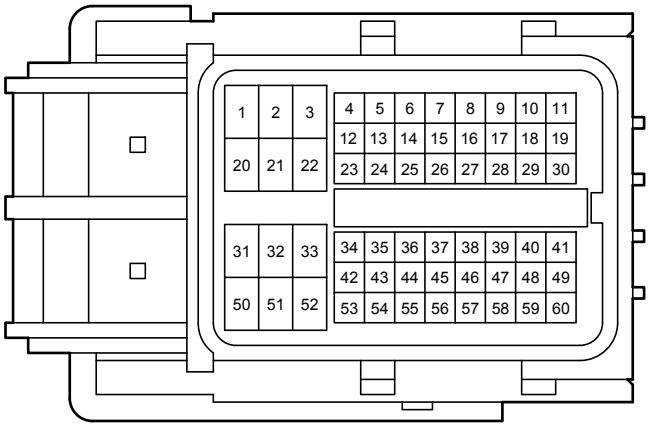



E1(A), E3(C)
Main Body ECU
DCTY
CANL
CANH
(IG)
10A
BK/UP LP
23 2B
24 A
6 C
5 C
25 CA3
G–B (*7)
G (*8)
G
L (LHD)
Y (RHD *9)
P (RHD *10)
B (LHD)
SB (LHD)
B (RHD)
SB (RHD)
63
19
43
29
E59 Junction Connector
E61 Junction Connector
15
4
12
1
E75 Junction Connector
B (LHD)
W (LHD *7)
SB (LHD *8)
15
4
12
1
E69 Junction Connector
B (LHD)
Y (LHD *7)
SB (LHD *8)
2
PL
RB
P
C24 Park/Neutral Position Switch
6
G–B
7 FE3 (*3)
15 FE4 (*4)
14
3
12
1
E72 Junction Connector
6 B
C44(B) Junction Connector
5 B
G–B
23 EK2
22 FL2
13
2
B
P
11 EA3
11 EA1
10 EA3 (LHD)
10 EA1 (RHD)
1
1
K2 Front Door Courtesy Light Switch Assembly LH
L1 Front Door Courtesy Light Switch Assembly RH
11 A
11 D
49 A
49 D
10 A
10 D
41 A
41 D
2 B (LHD *6, *5)
2 C (RHD *6)
31 B (LHD 1VD–FTV)
31 C (RHD 1VD–FTV)
CANL
CANH
P
A38(A), A52(D), C45(B), C46(C)
ECM

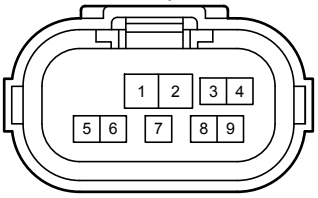
A 38
Black



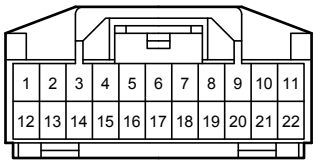
A 52
Black



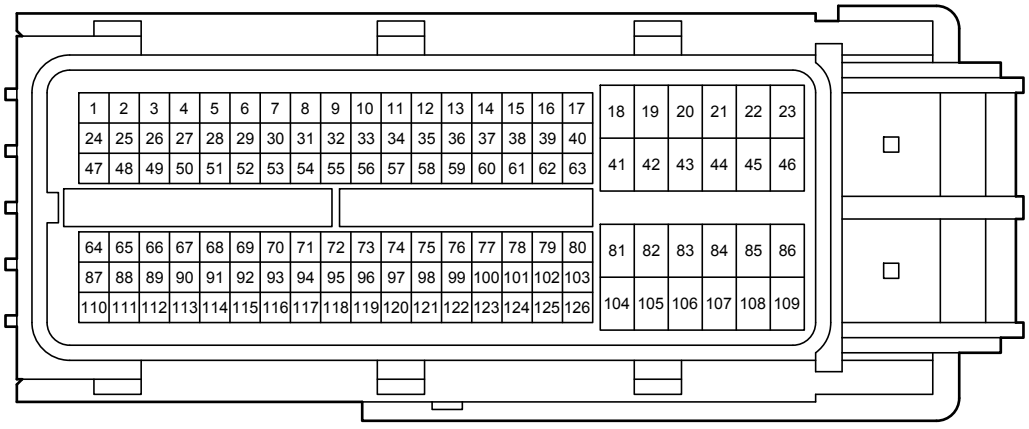
C 24
Gray



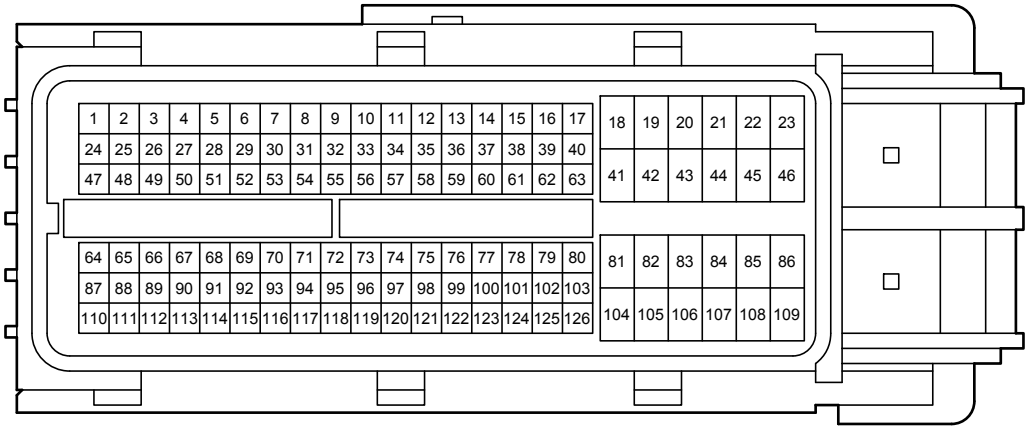
C 44
Blue



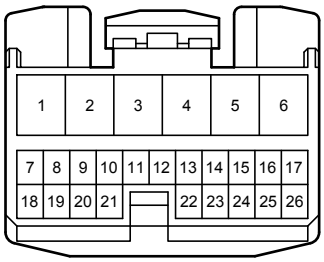
C 45
Black



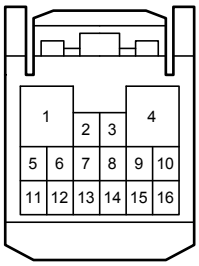
C 46
Black



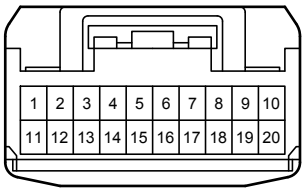
E 1
White



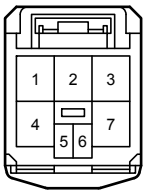
E 3
White



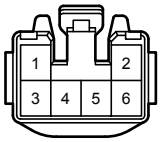
E 14
White



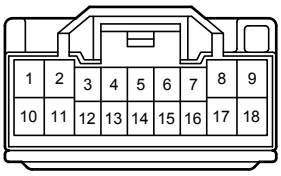
E 15
White



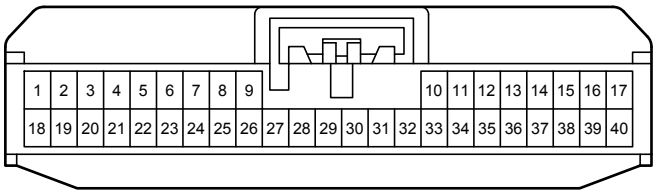
E 17
White



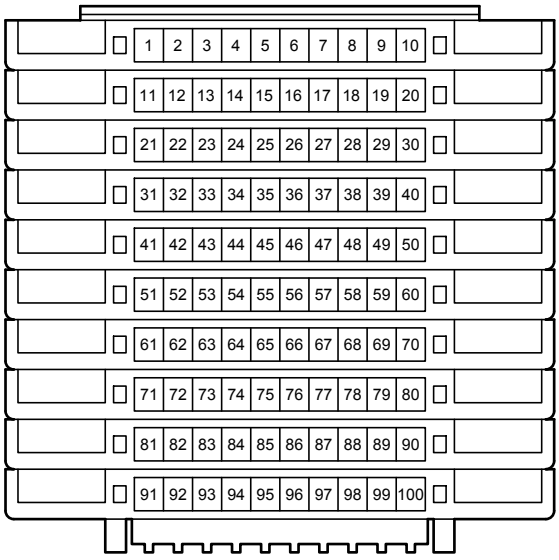
E 27
White



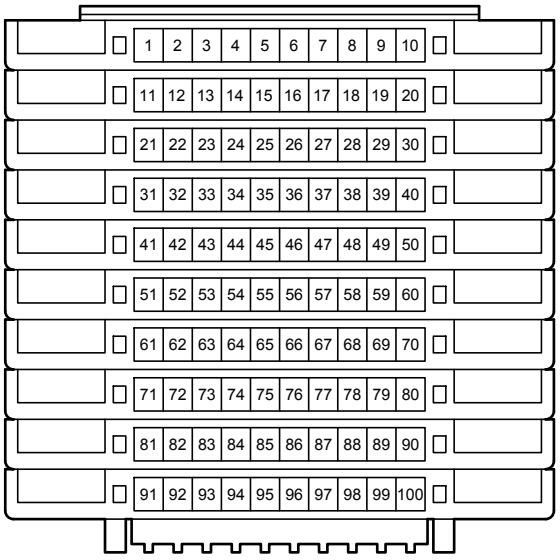
E 29
White



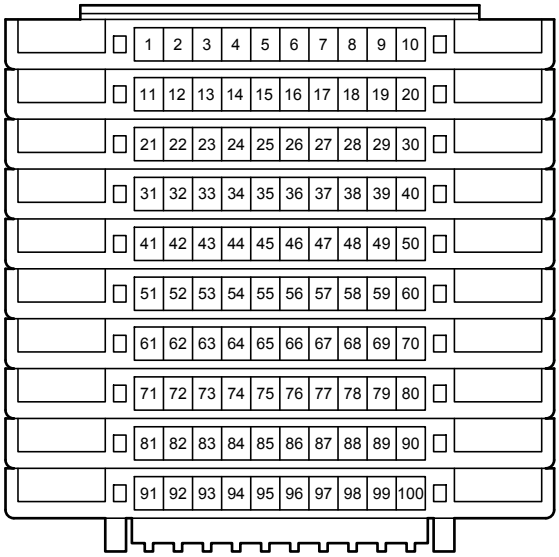
E 59



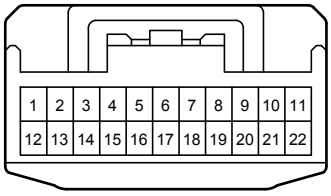
E 60



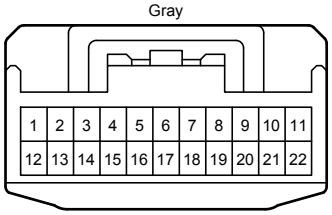
E 61



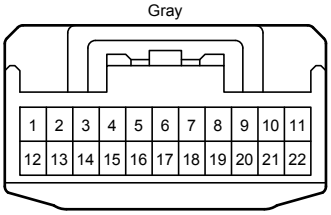
E 69
Gray



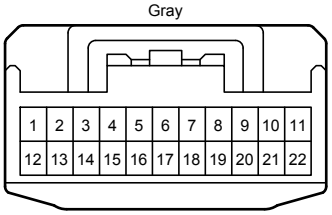
E 72
Gray



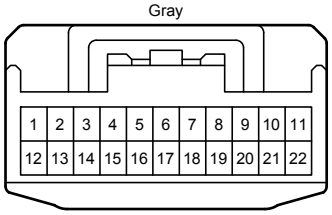
E 73
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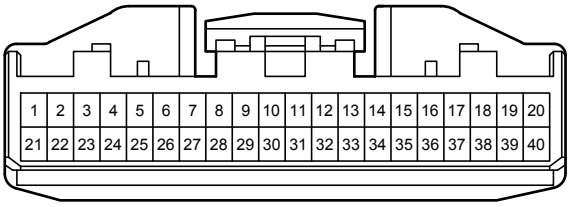
E 75
Gray



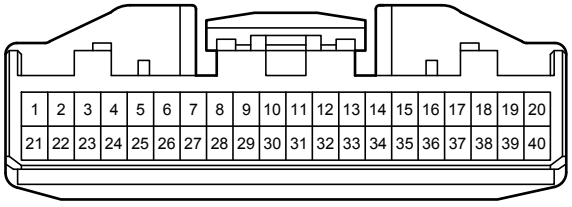
E 76
Gray



I 18
White



I 24
White



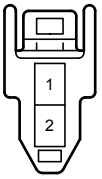
K 2
White



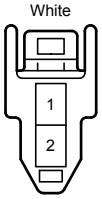
L 1
White



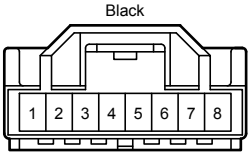
L 29
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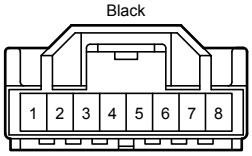
L 30
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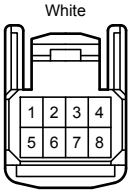
X 1
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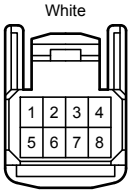
X 2
Black



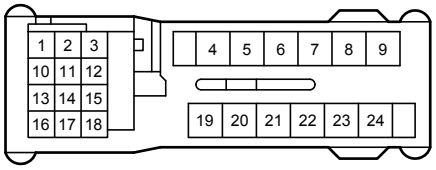
c 15
White



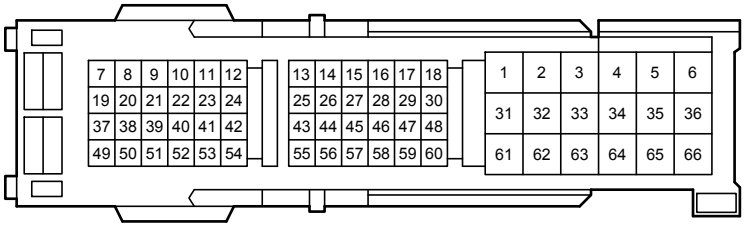
c 27
White



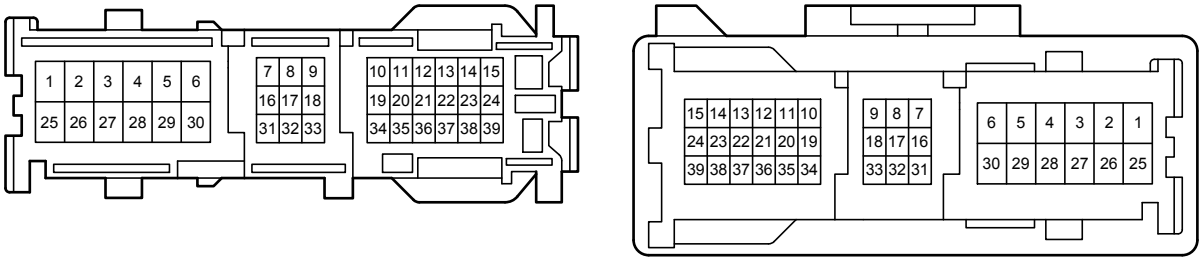
2B
White



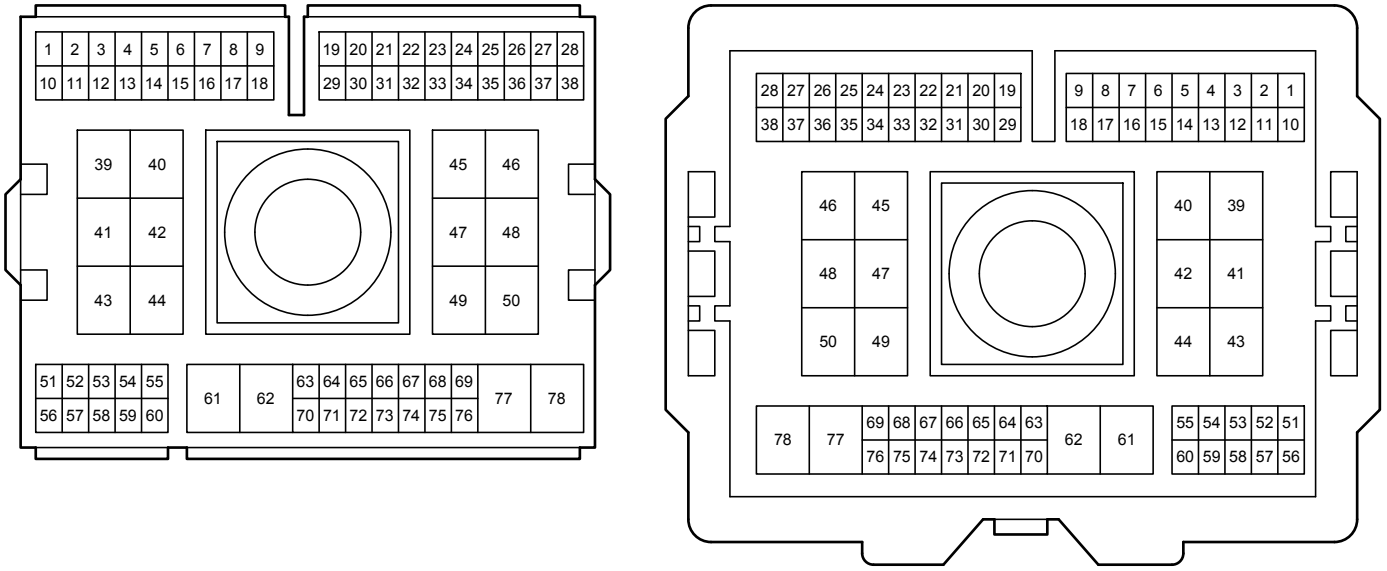
2D
White



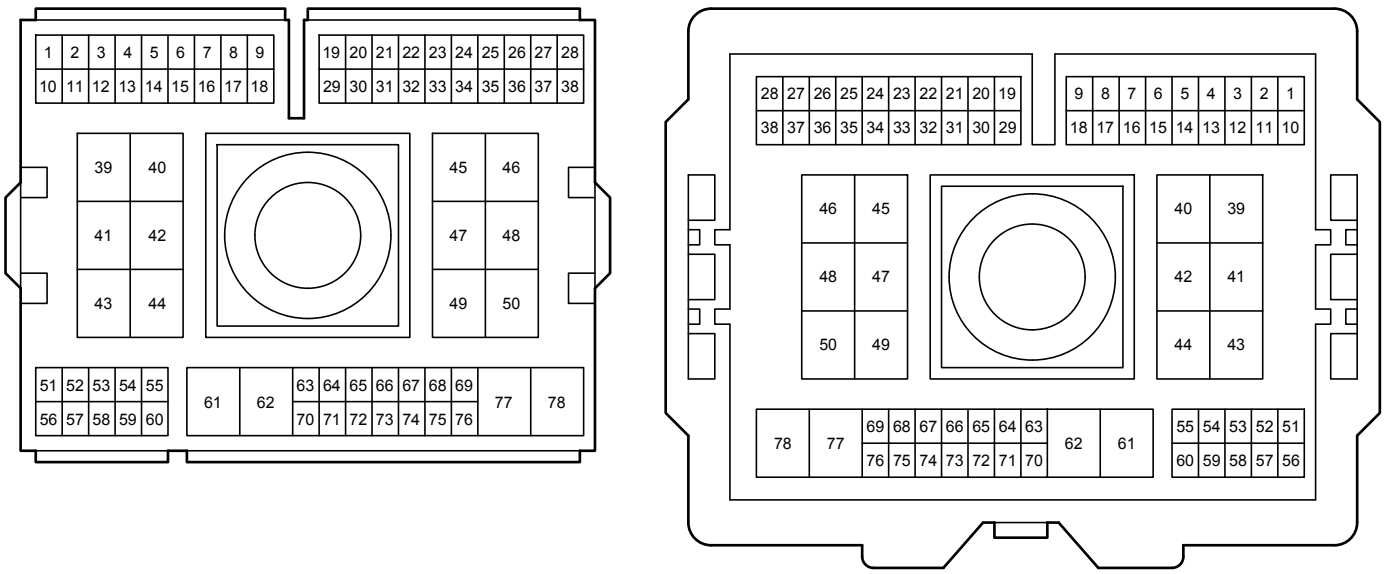
CA3
White



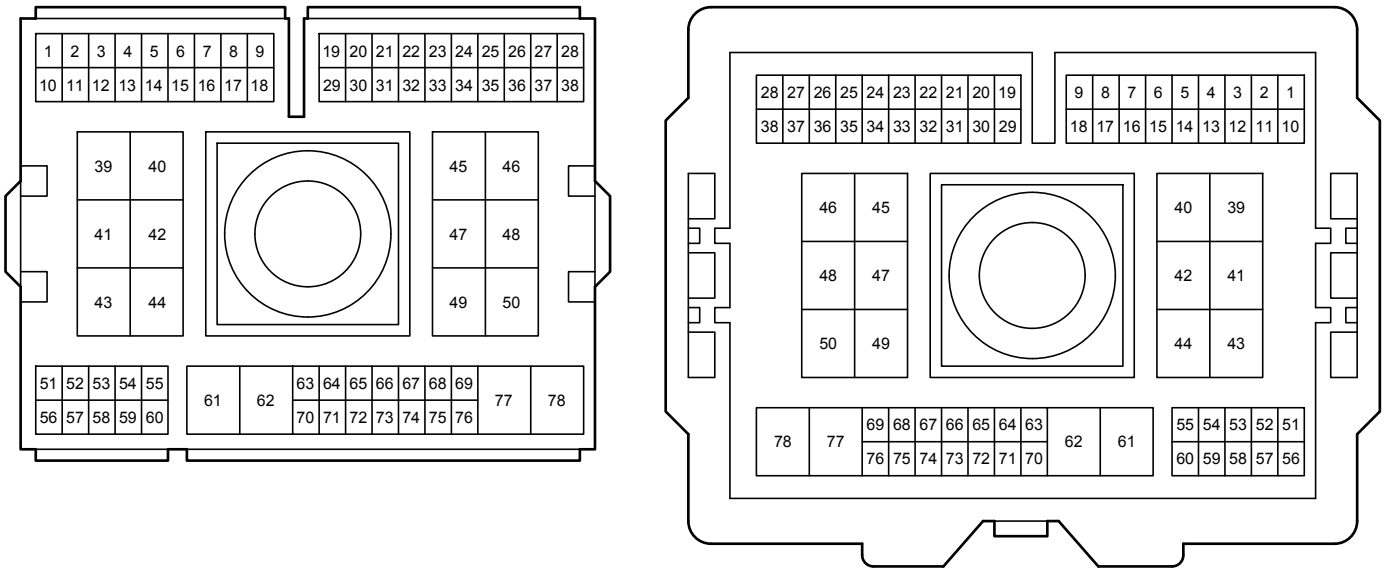
EA1
White



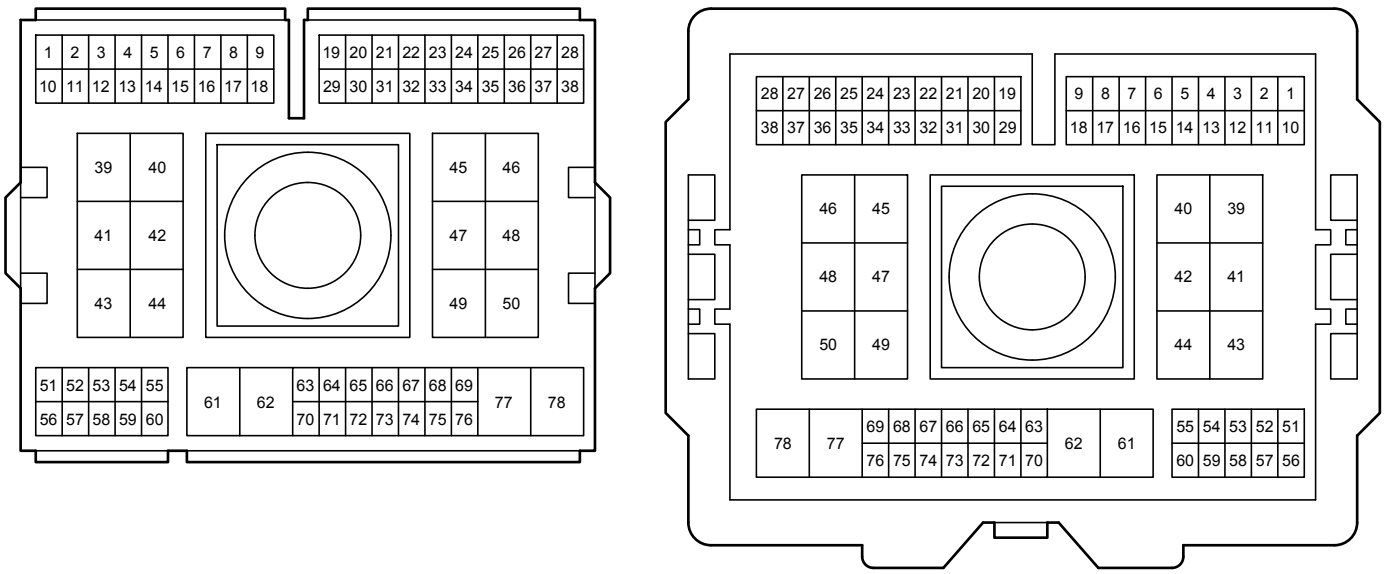
EA3
White



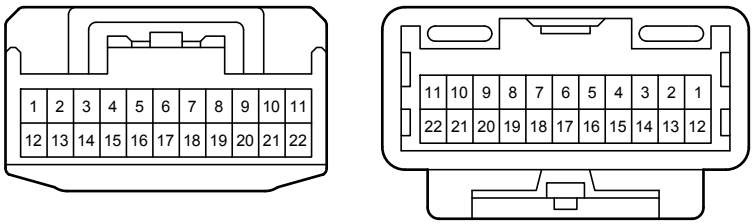
EK2
White



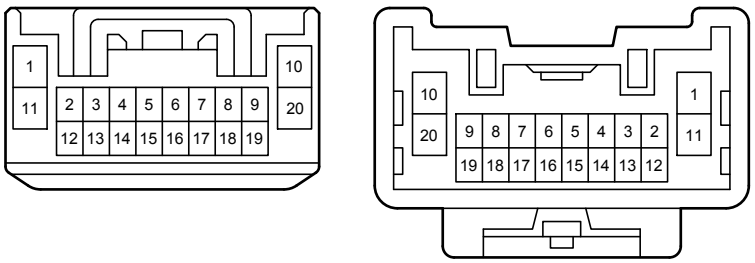
EL1
White



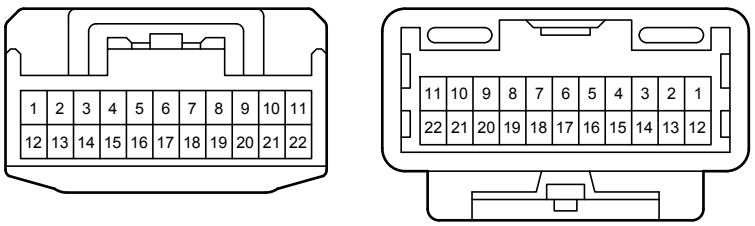
FE3
White



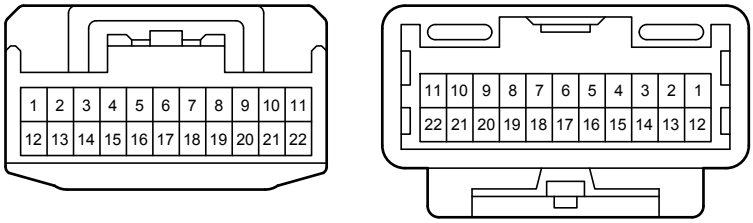
FE4
White



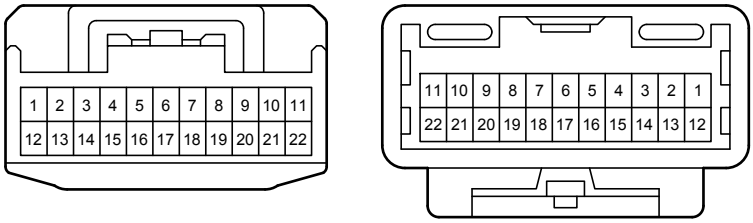
FL2
Blue



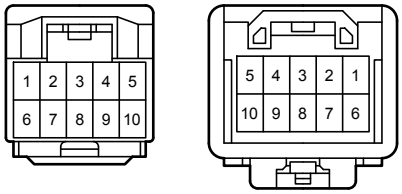
IE1
Gray



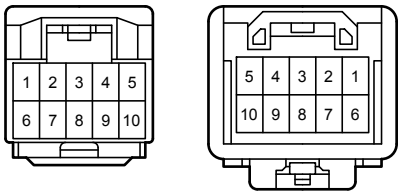
IE4
Gray



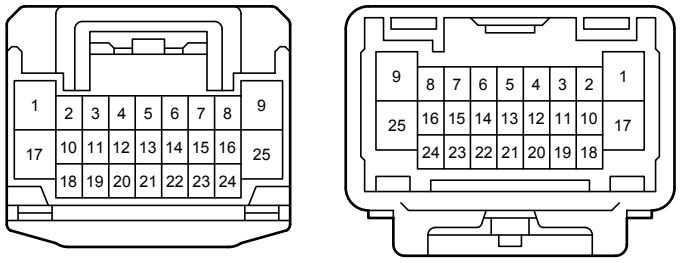
IX1
White



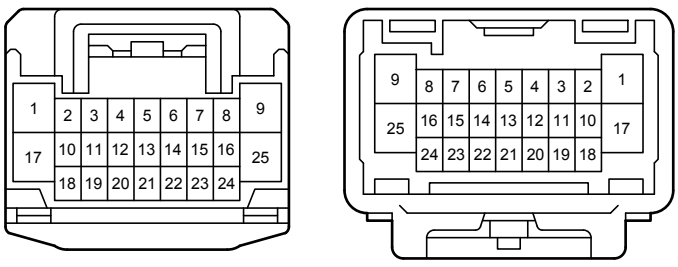
IX2
White



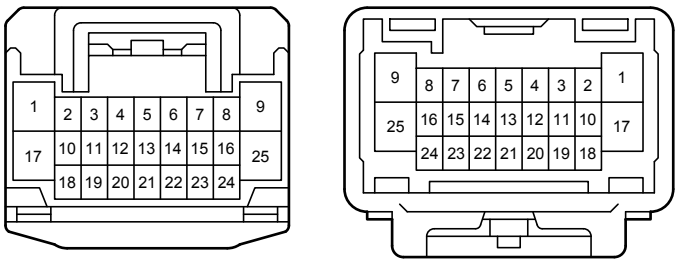
KL1
White

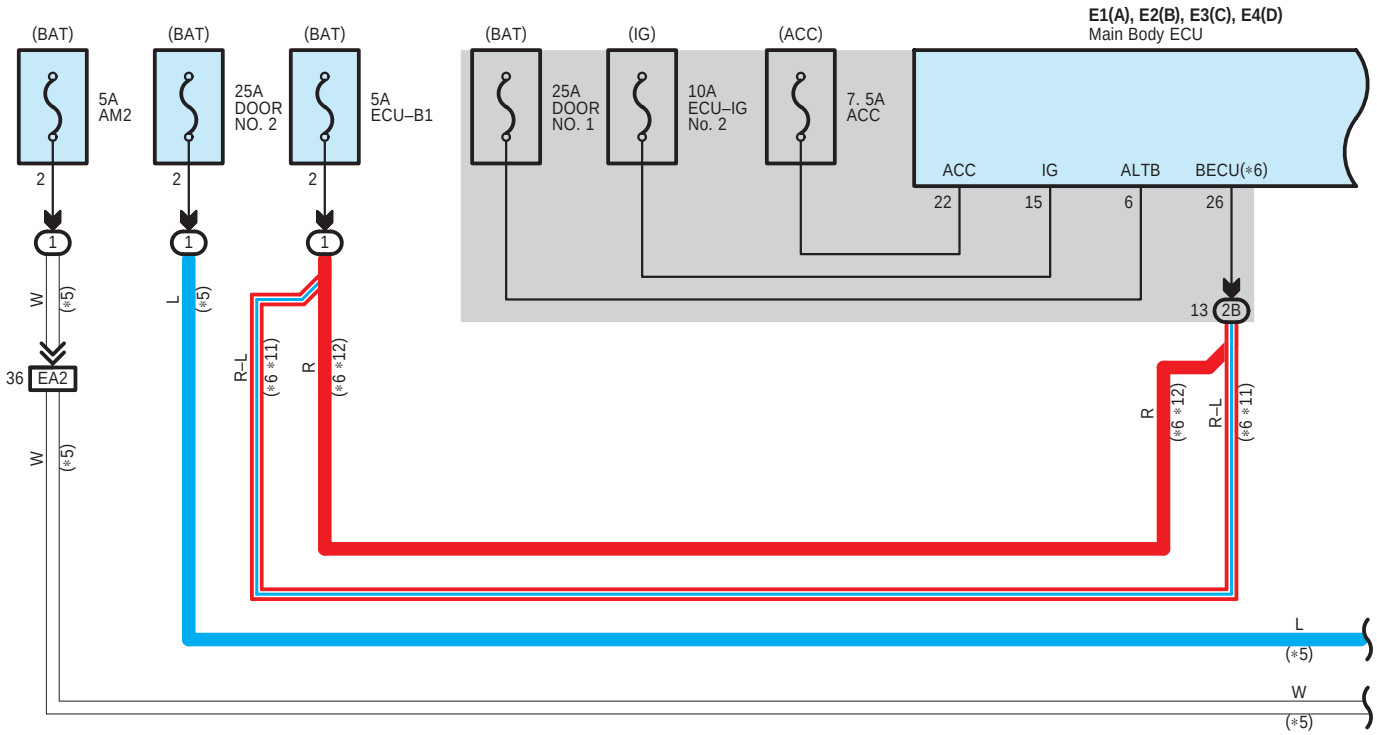


Kc1
White

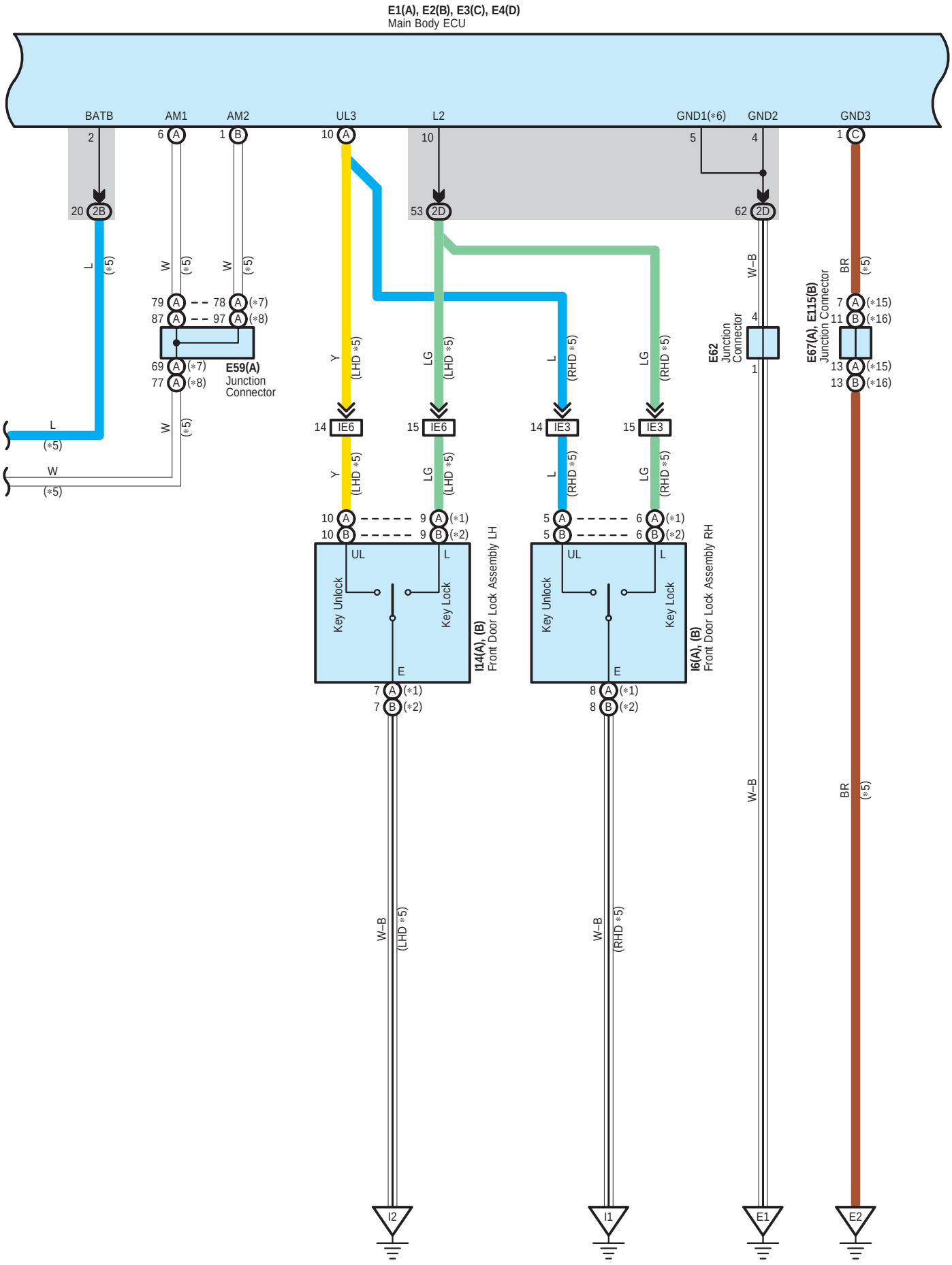


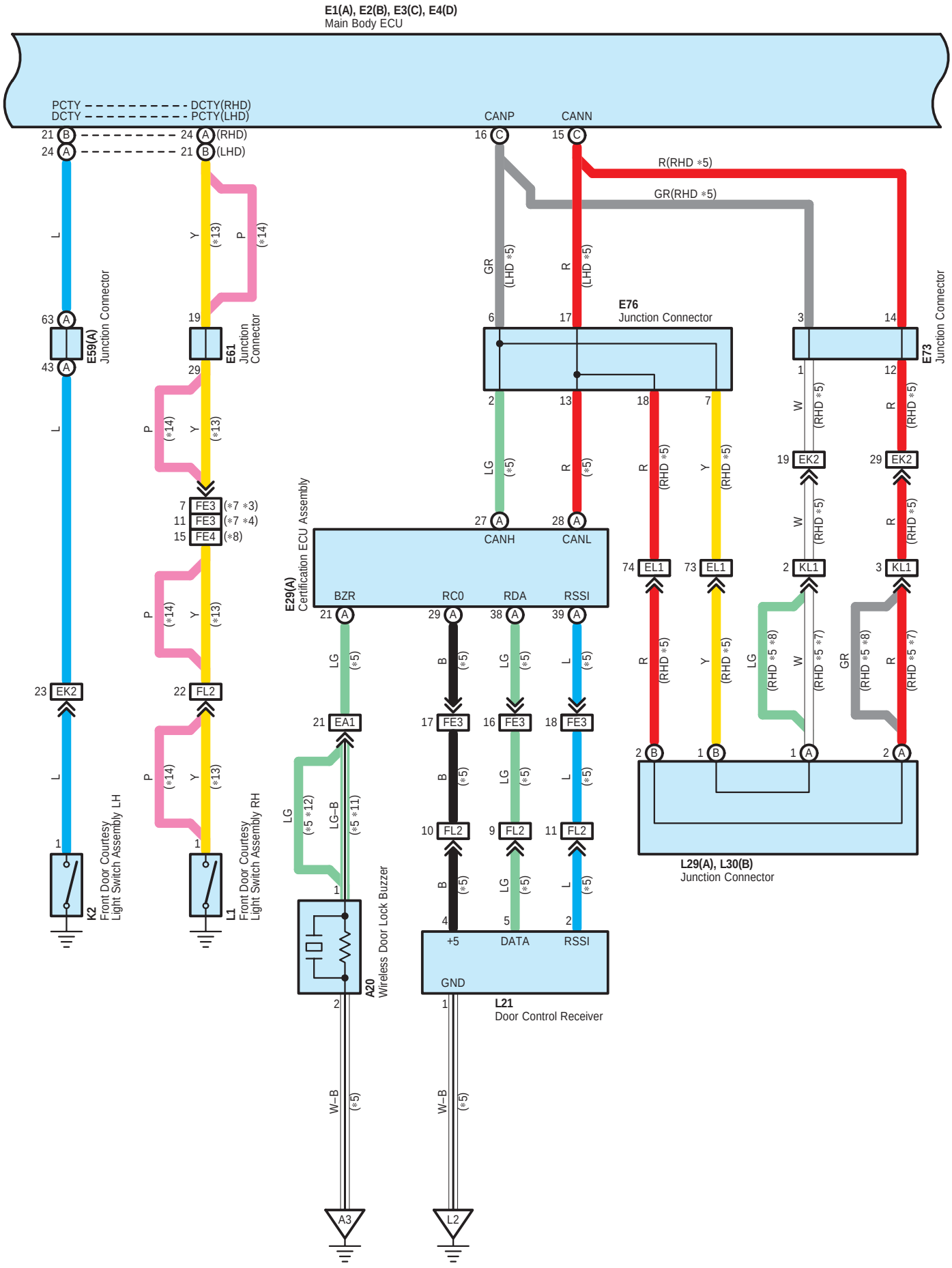
Lc1
White

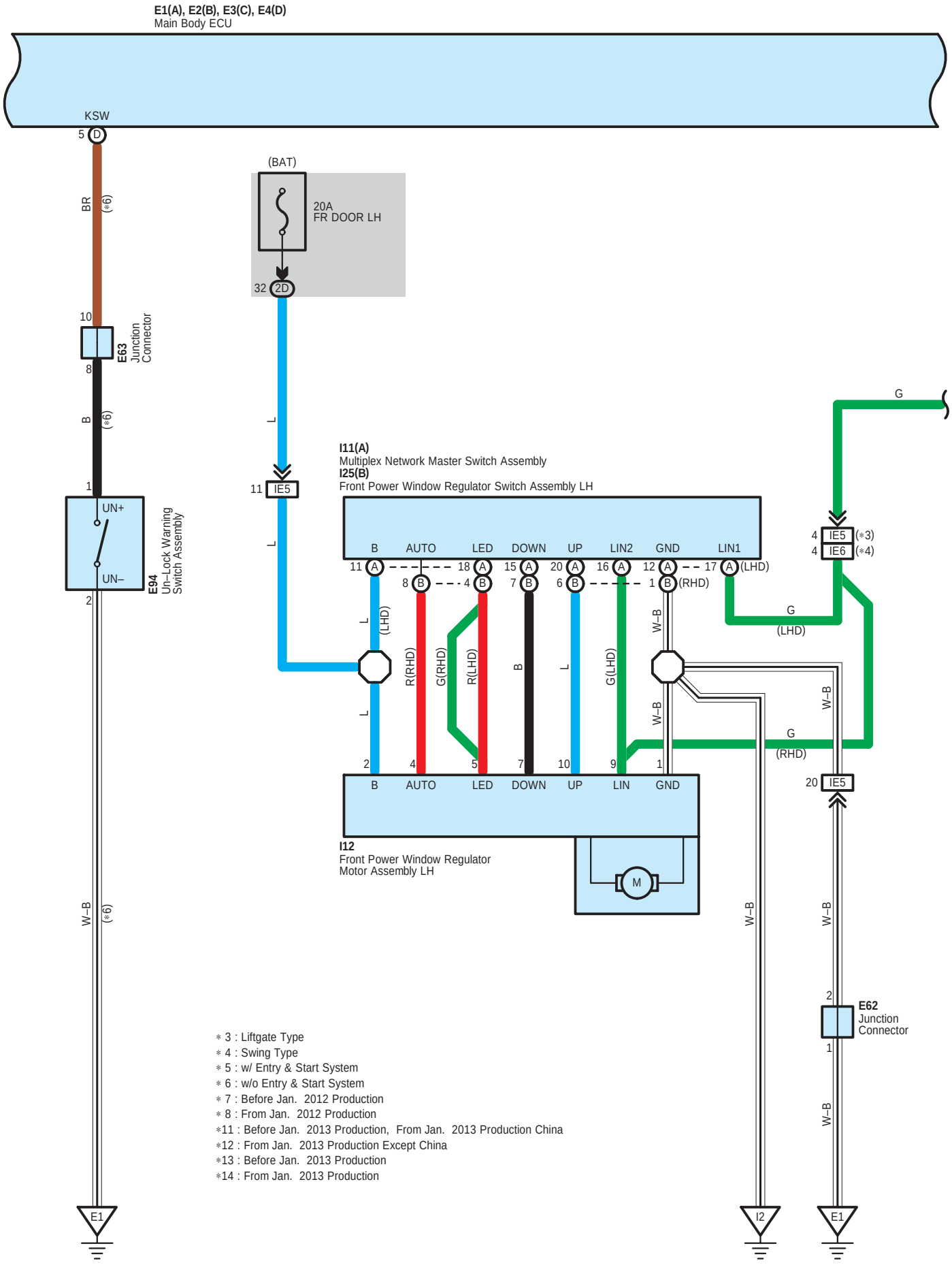




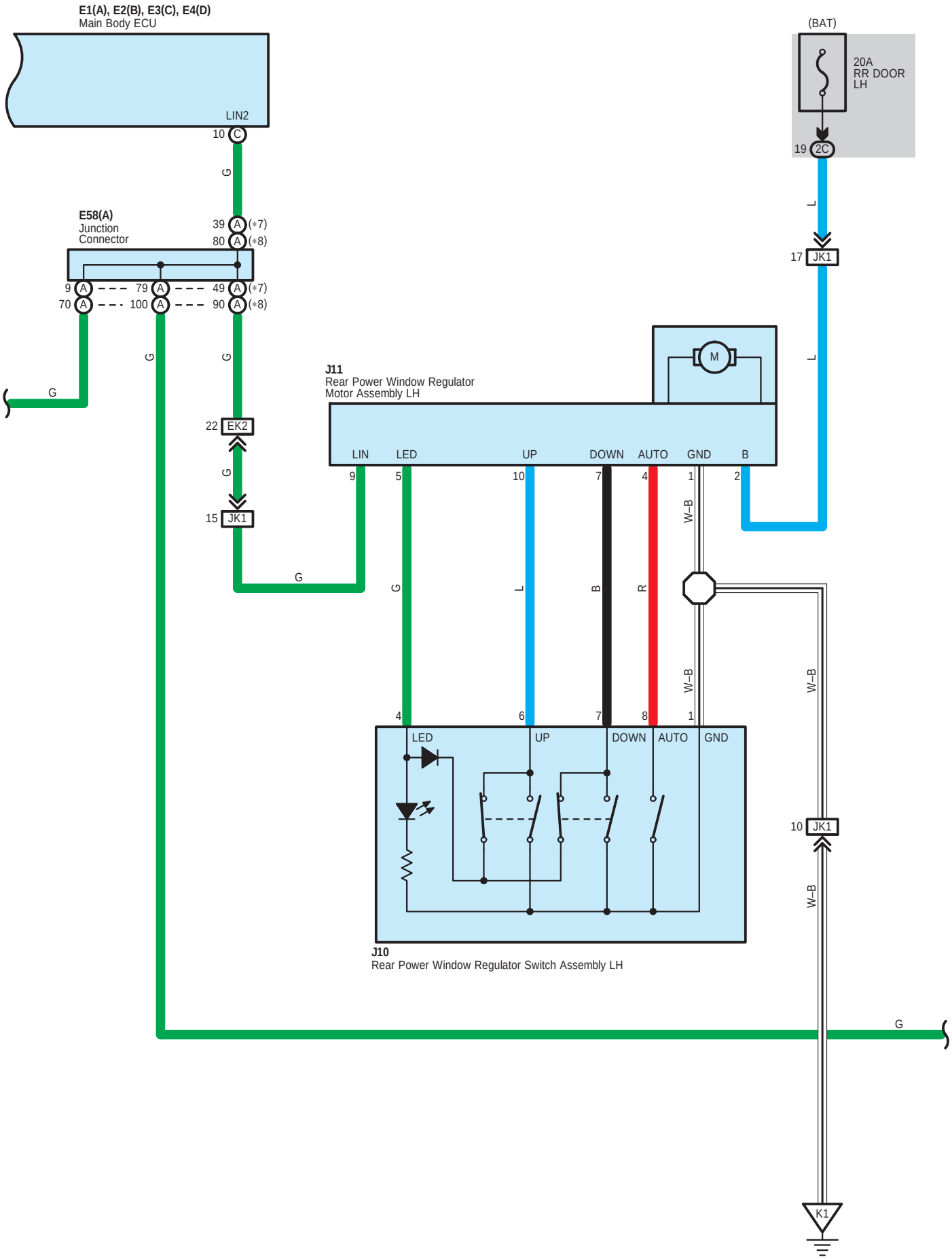
∗ 1 : w/ Double Locking
∗ 2 : w/o Double Locking
∗ 5 : w/ Entry & Start System
∗ 6 : w/o Entry & Start System
∗ 7 : Before Jan. 2012 Production
∗ 8 : From Jan. 2012 Production
∗11 : Before Jan. 2013 Production, From Jan. 2013 Production China
∗12 : From Jan. 2013 Production Except China
∗15 : LHD Before Aug. 2013 Production, RHD
∗16 : LHD From Aug. 2013 Production

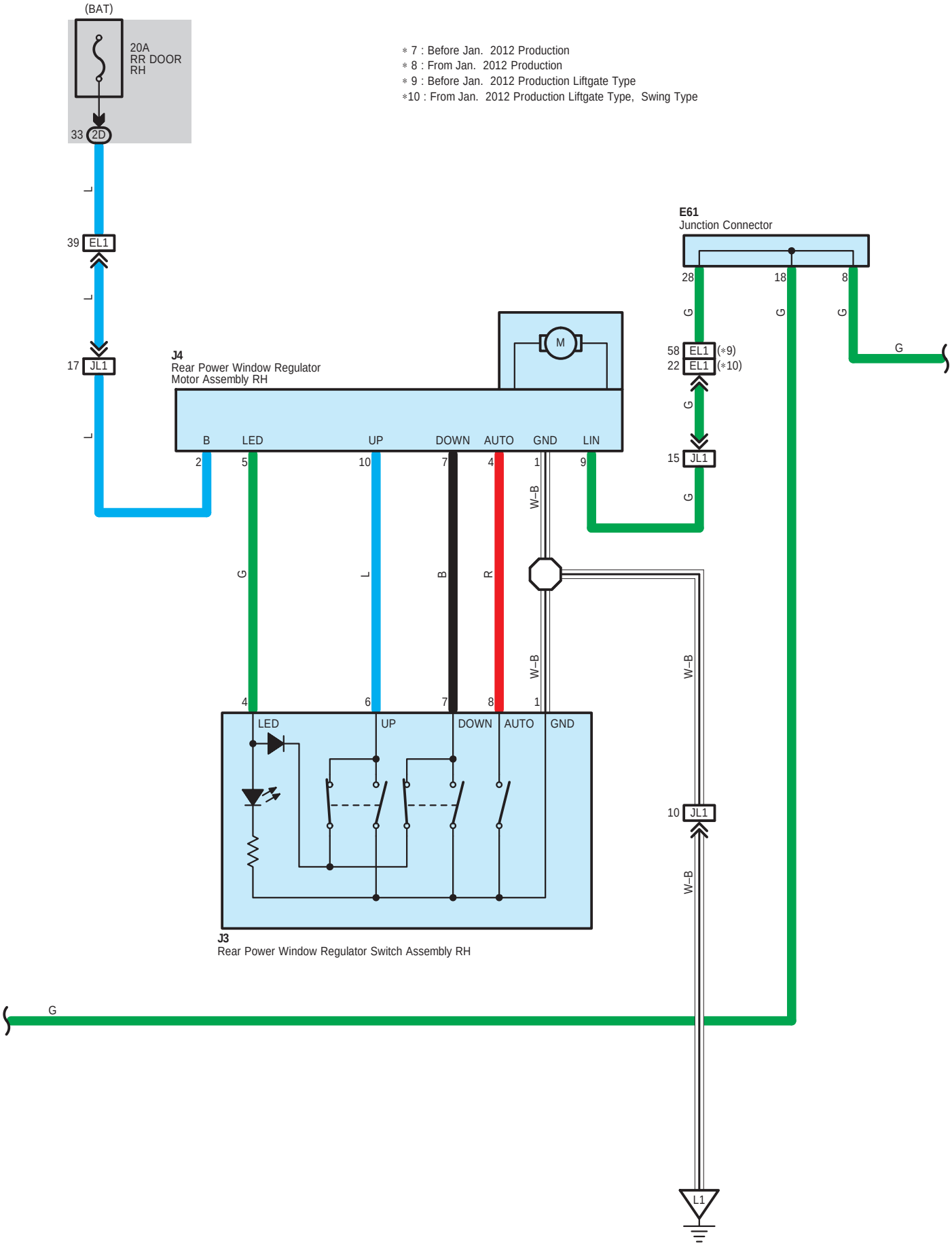

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
BATB
AM1
AM2
UL3
L2
GND1(*6)
GND2
GND3
E59(A)
Junction Connector
E62
Junction Connector
E67(A), E115(B)
Junction Connector
I14(A), (B)
Front Door Lock Assembly LH
I6(A), (B)
Front Door Lock Assembly RH
Key Unlock
Key Lock
I2
I1
E1
E2

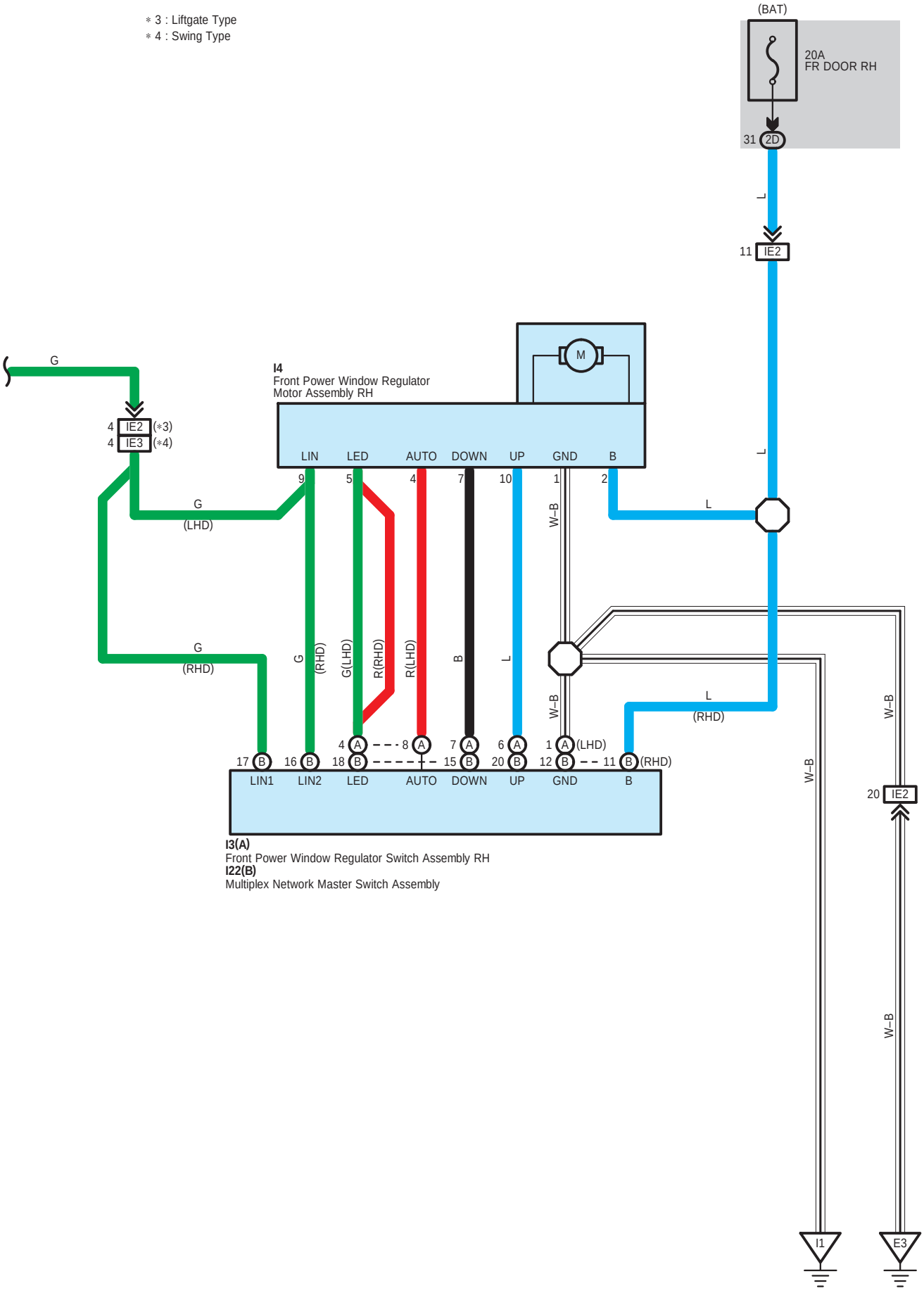

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
PCTY
DCTY
DCTY(RHD)
PCTY(LHD)
CANP
CANN
R(RHD *5)
GR(RHD *5)
E59(A) Junction Connector
E61 Junction Connector
E76 Junction Connector
E73 Junction Connector
E29(A) Certification ECU Assembly
CANH
CANL
BZR
RC0
RDA
RSSI
K2 Front Door Courtesy Light Switch Assembly LH
L1 Front Door Courtesy Light Switch Assembly RH
A20 Wireless Door Lock Buzzer
L21 Door Control Receiver
L29(A), L30(B) Junction Connector
+5
DATA
GND
A3
L2



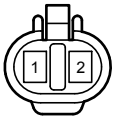
∗ 3 : Liftgate Type
∗ 4 : Swing Type
∗ 5 : w/ Entry & Start System
∗ 6 : w/o Entry & Start System
∗ 7 : Before Jan. 2012 Production
∗ 8 : From Jan. 2012 Production
∗11 : Before Jan. 2013 Production, From Jan. 2013 Production China
∗12 : From Jan. 2013 Production Except China
∗13 : Before Jan. 2013 Production
∗14 : From Jan. 2013 Production


E1(A), E2(B), E3(C), E4(D)
Main Body ECU
LIN2
10 C
G
E58(A)
Junction
Connector
39 A (*7)
80 A (*8)
9 A 79 A 49 A (*7)
70 A 100 A 90 A (*8)
G
G
G
22 EK2
G
15 JK1
G
(BAT)
20A
RR DOOR
LH
19 2C
L
17 JK1
L
M
J11
Rear Power Window Regulator
Motor Assembly LH
LIN LED UP DOWN AUTO GND B
9 5 10 7 4 1 2
G L B R W-B
W-B
4 6 7 8 1
LED UP DOWN AUTO GND
J10
Rear Power Window Regulator Switch Assembly LH
10 JK1
W-B
G
K1

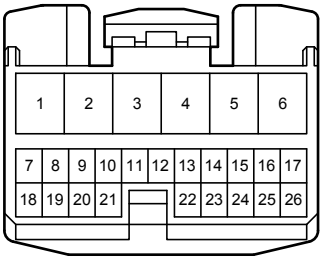

(BAT)
20A
RR DOOR
RH
33 2D
L
39 EL1
L
17 JL1
L
J4
Rear Power Window Regulator
Motor Assembly RH
M
B
LED
UP
DOWN
AUTO
GND
LIN
2
5
10
7
4
1
9
G
L
B
R
W–B
W–B
4
6
7
8
1
LED
UP
DOWN
AUTO
GND
J3
Rear Power Window Regulator Switch Assembly RH
E61
Junction Connector
28
18
8
G
G
G
58 EL1 (∗9)
22 EL1 (∗10)
G
15 JL1
G
10 JL1
W–B
G
L1
∗ 7 : Before Jan. 2012 Production
∗ 8 : From Jan. 2012 Production
∗ 9 : Before Jan. 2012 Production Liftgate Type
∗10 : From Jan. 2012 Production Liftgate Type, Swing Type


* 3 : Liftgate Type
* 4 : Swing Type
(BAT)
20A
FR DOOR RH
31 2D
L
11 IE2
M
I4
Front Power Window Regulator
Motor Assembly RH
LIN LED AUTO DOWN UP GND B
9 5 4 7 10 1 2
G
4 IE2 (*3)
4 IE3 (*4)
G
(LHD)
G
(RHD)
G (RHD)
G(LHD)
R(RHD)
R(LHD)
B
L
W-B
L
L
(RHD)
W-B
W-B
W-B
W-B
4 A 8 A 7 A 6 A 1 A (LHD)
17 B 16 B 18 B 15 B 20 B 12 B 11 B (RHD)
LIN1 LIN2 LED AUTO DOWN UP GND B
20 IE2
I3(A)
Front Power Window Regulator Switch Assembly RH
I22(B)
Multiplex Network Master Switch Assembly
I1
E3

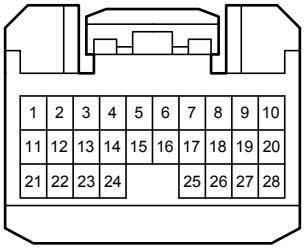
A 20
Black



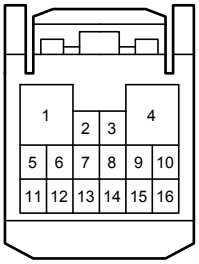
E 1
White



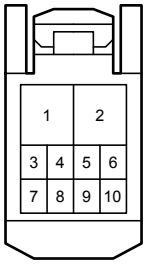
E 2
White



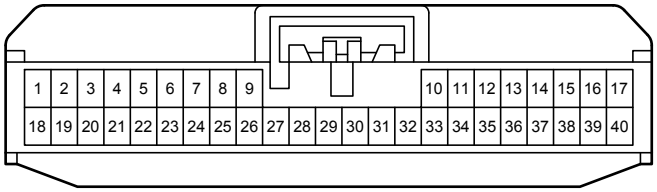
E 3
White



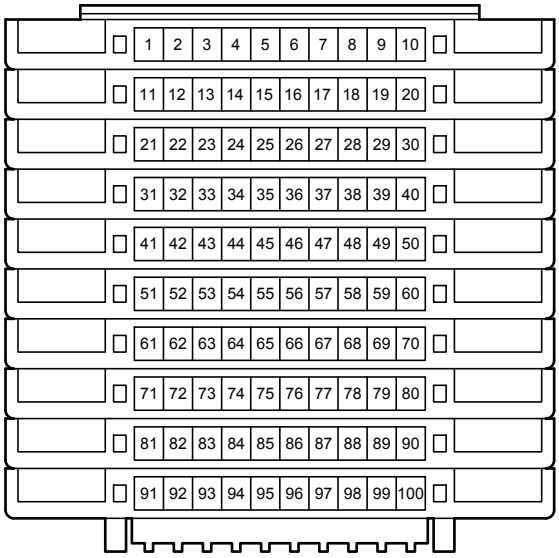
E 4
White



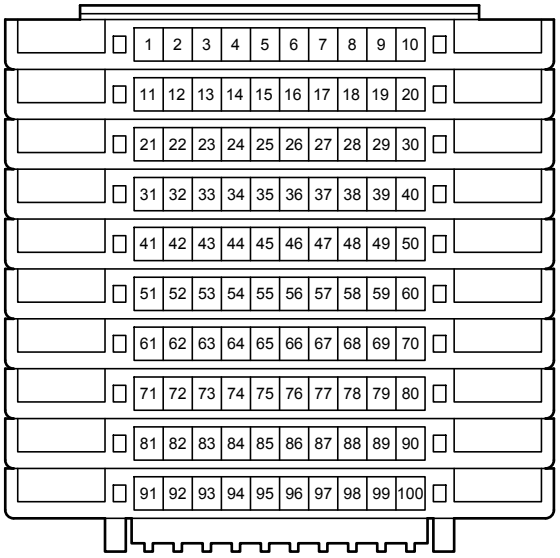
E 29
White



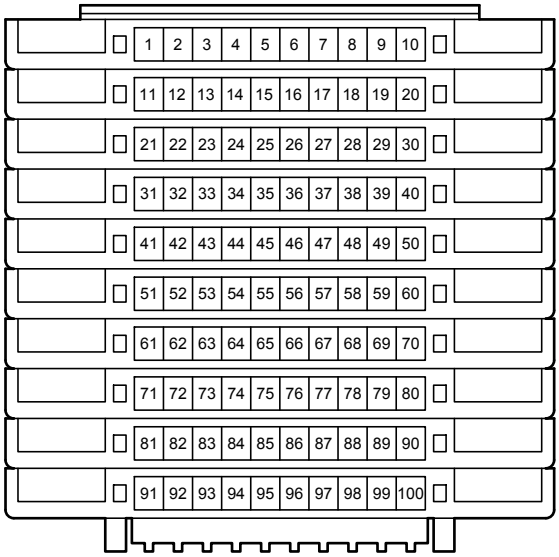
E 58



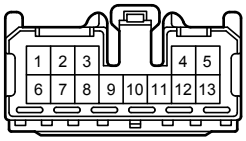
E 59



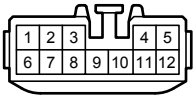
E 61



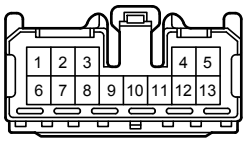
E 62
White



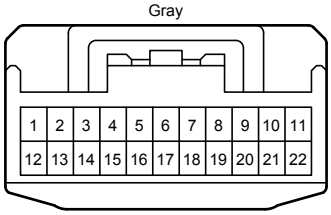
E 63
Gray



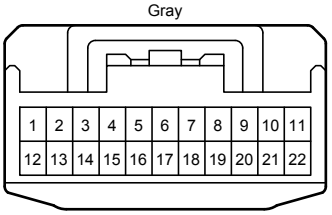
E 67
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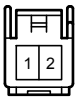
E 73
Gray



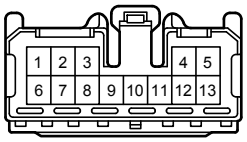
E 76
Gray



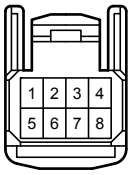
E 94
White



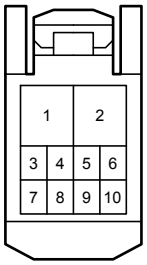
E115
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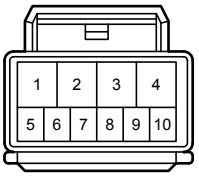
I 3
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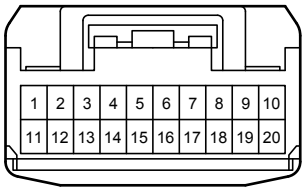
I 4
White



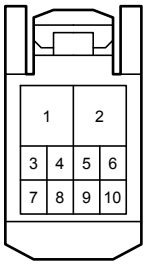
I 6
White



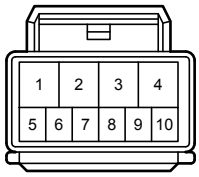
I 11
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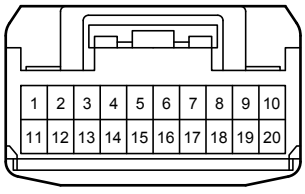
I 12
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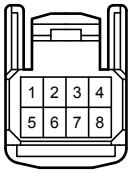
I 14
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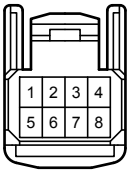
I 22
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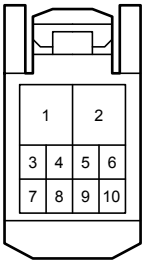
I 25
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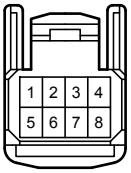
J 3
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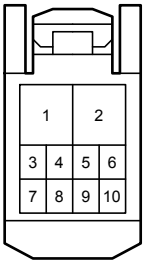
J 4
White



J 10
White



J 11
White



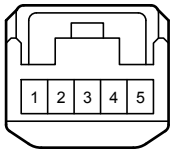
K 2
White



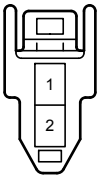
L 1
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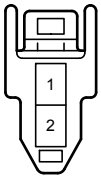
L 21
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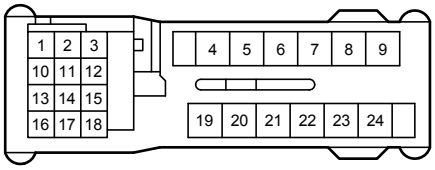
L 29
White



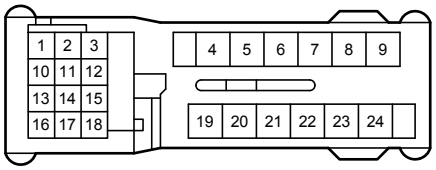
L 30
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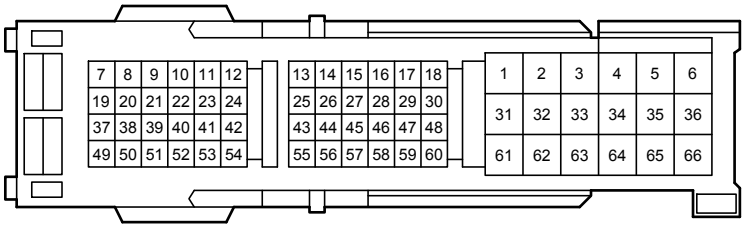
2B
White



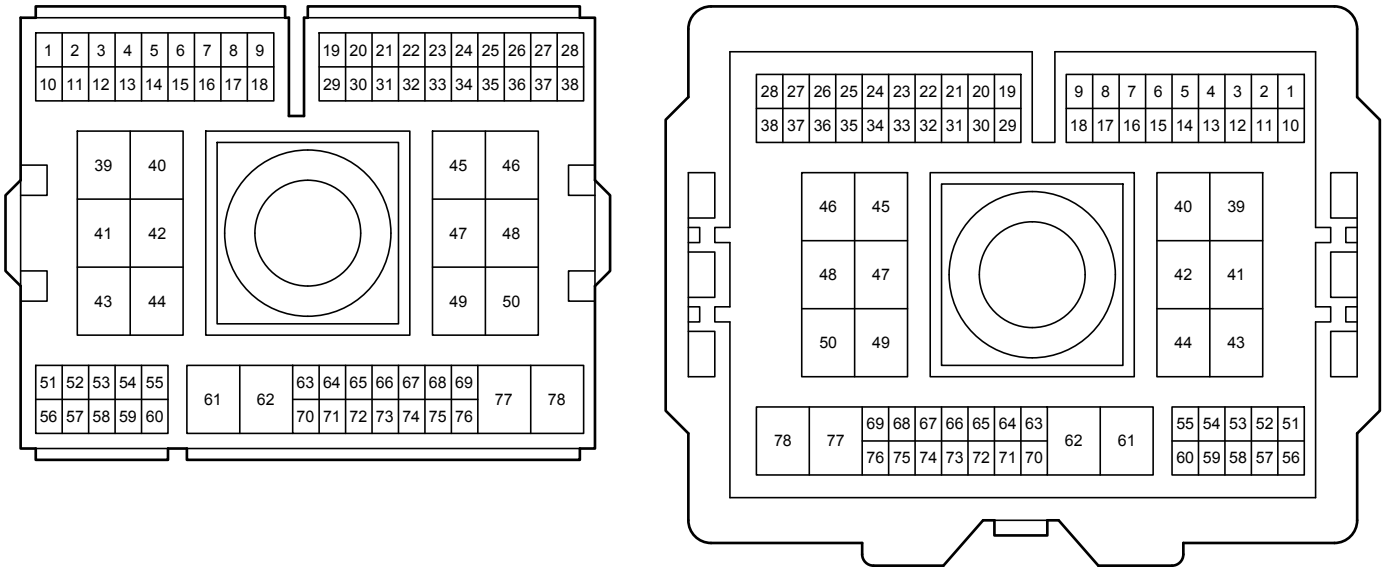
2C
White



2D
White

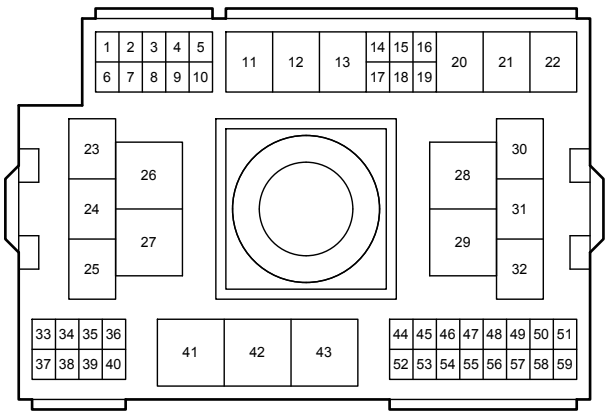


EA1
White

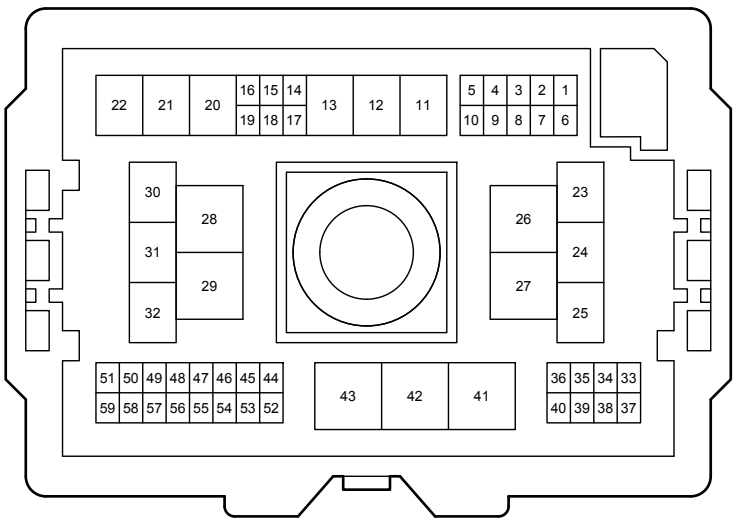


EA2

White

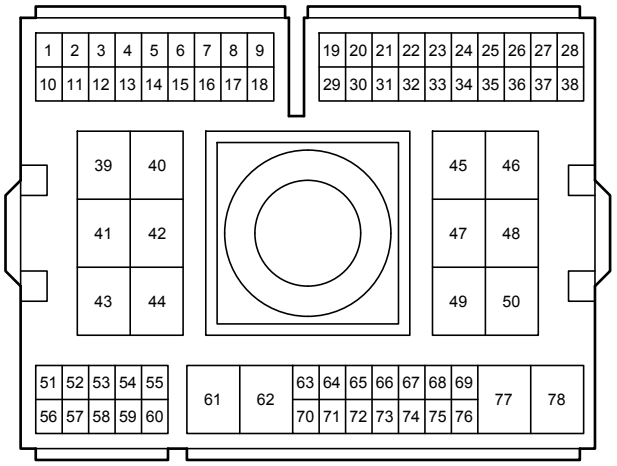


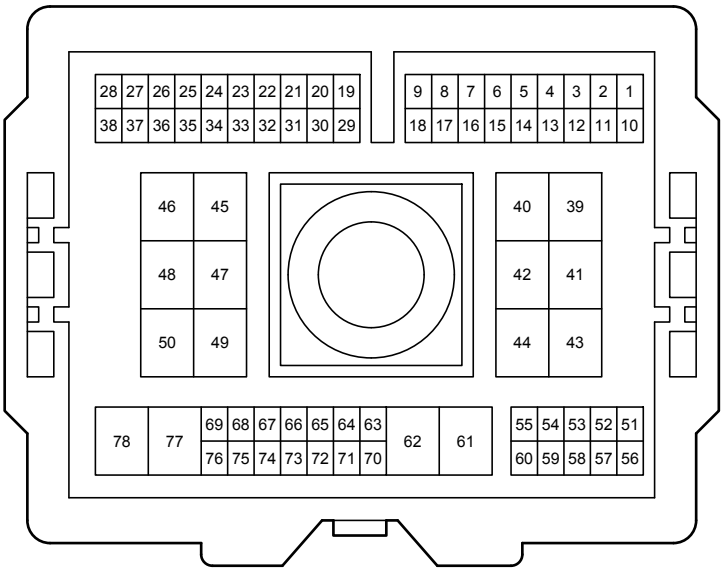
Gray



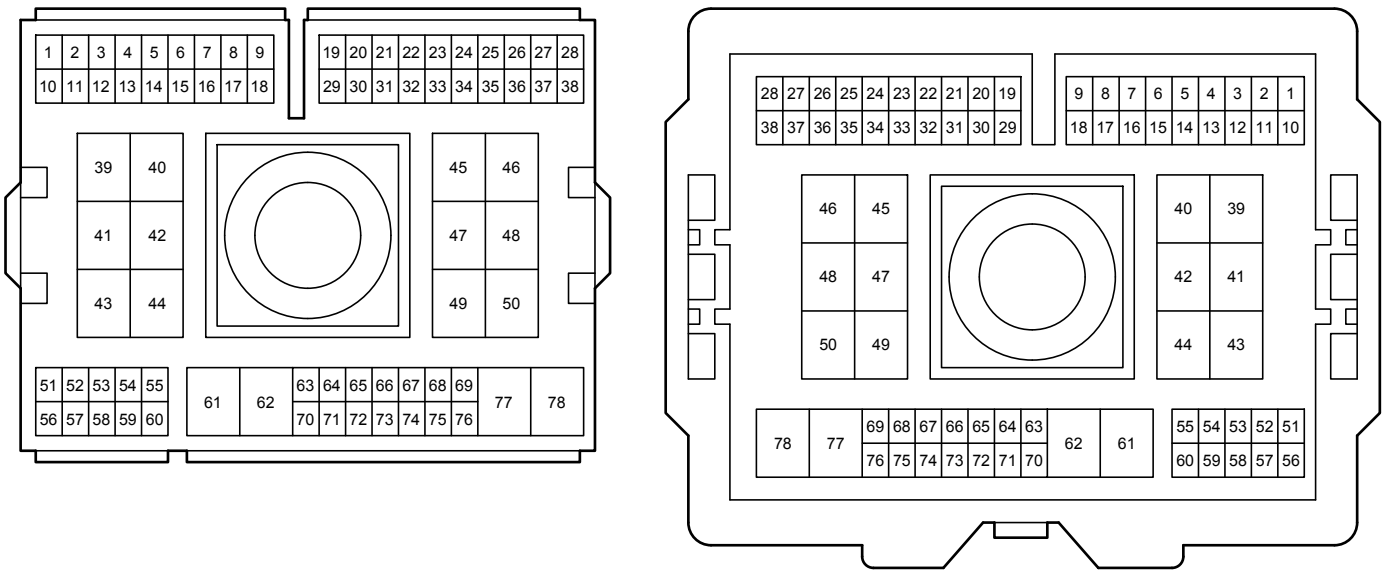
EK2

White

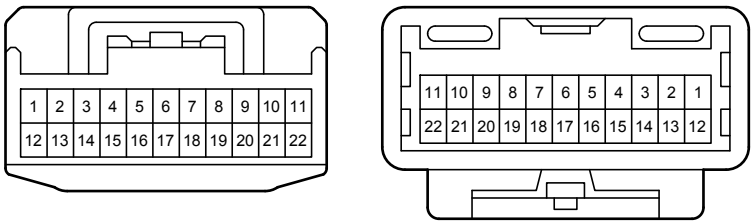




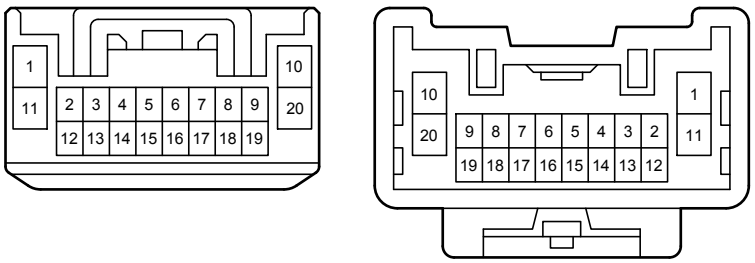
EL1
White



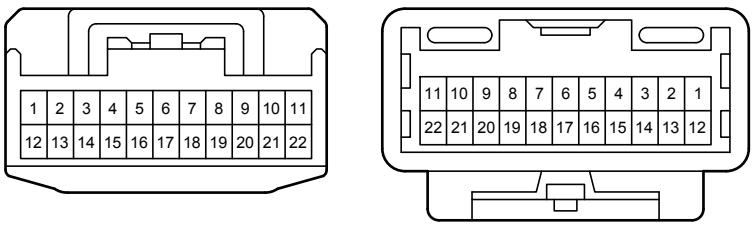
FE3
White



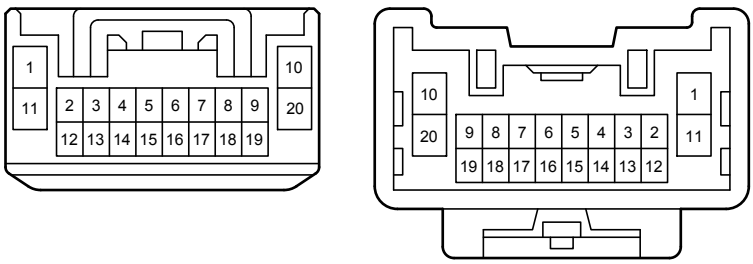
FE4
White



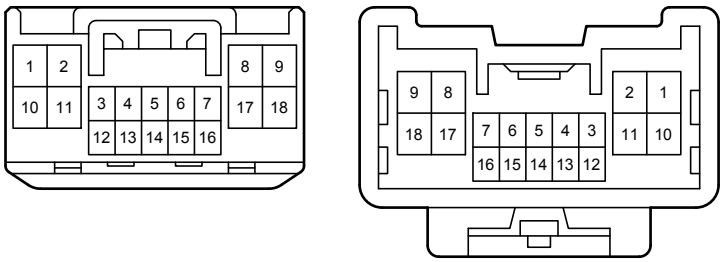
FL2
Blue



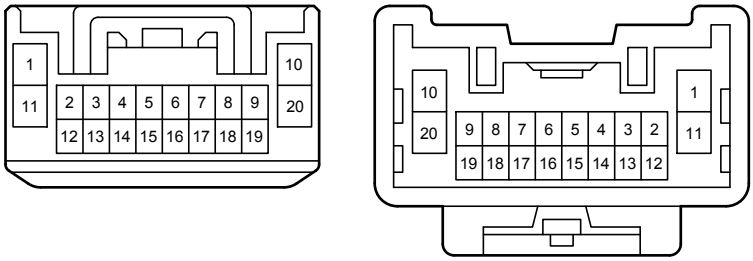
IE2
Blue



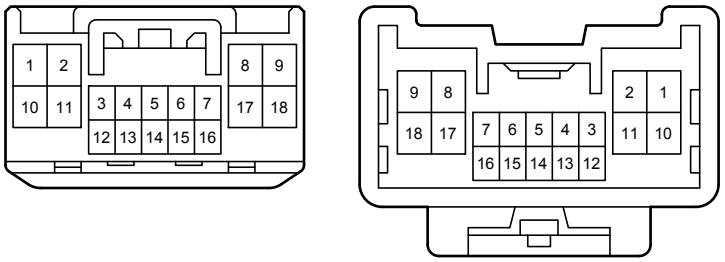
IE3
White

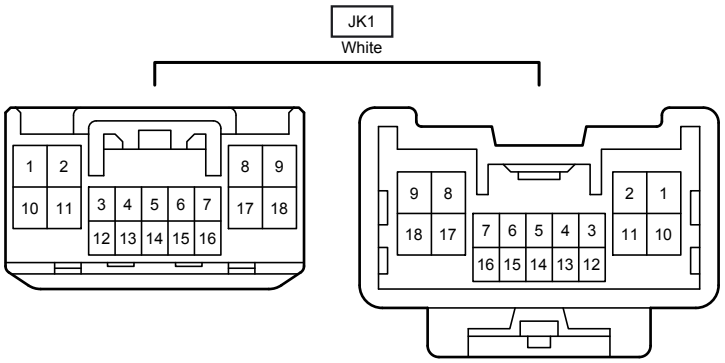


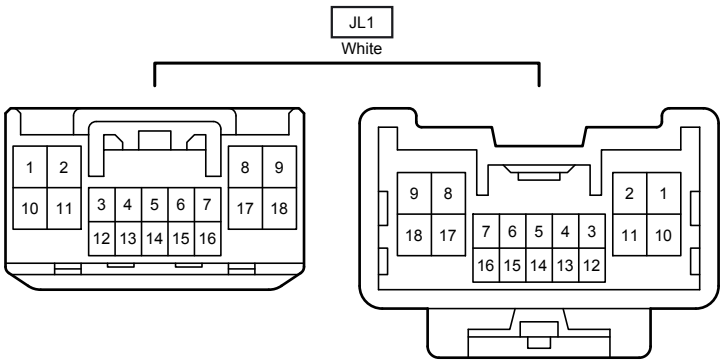
IE5
Blue

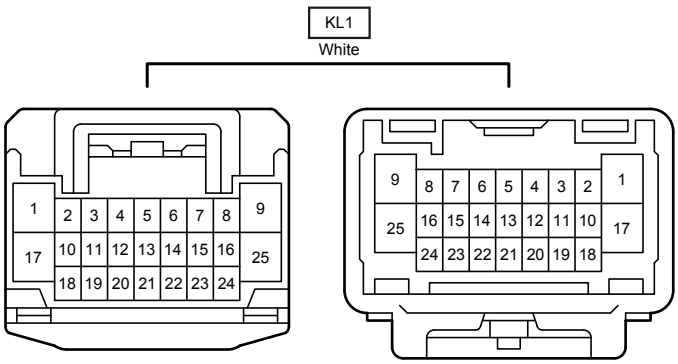


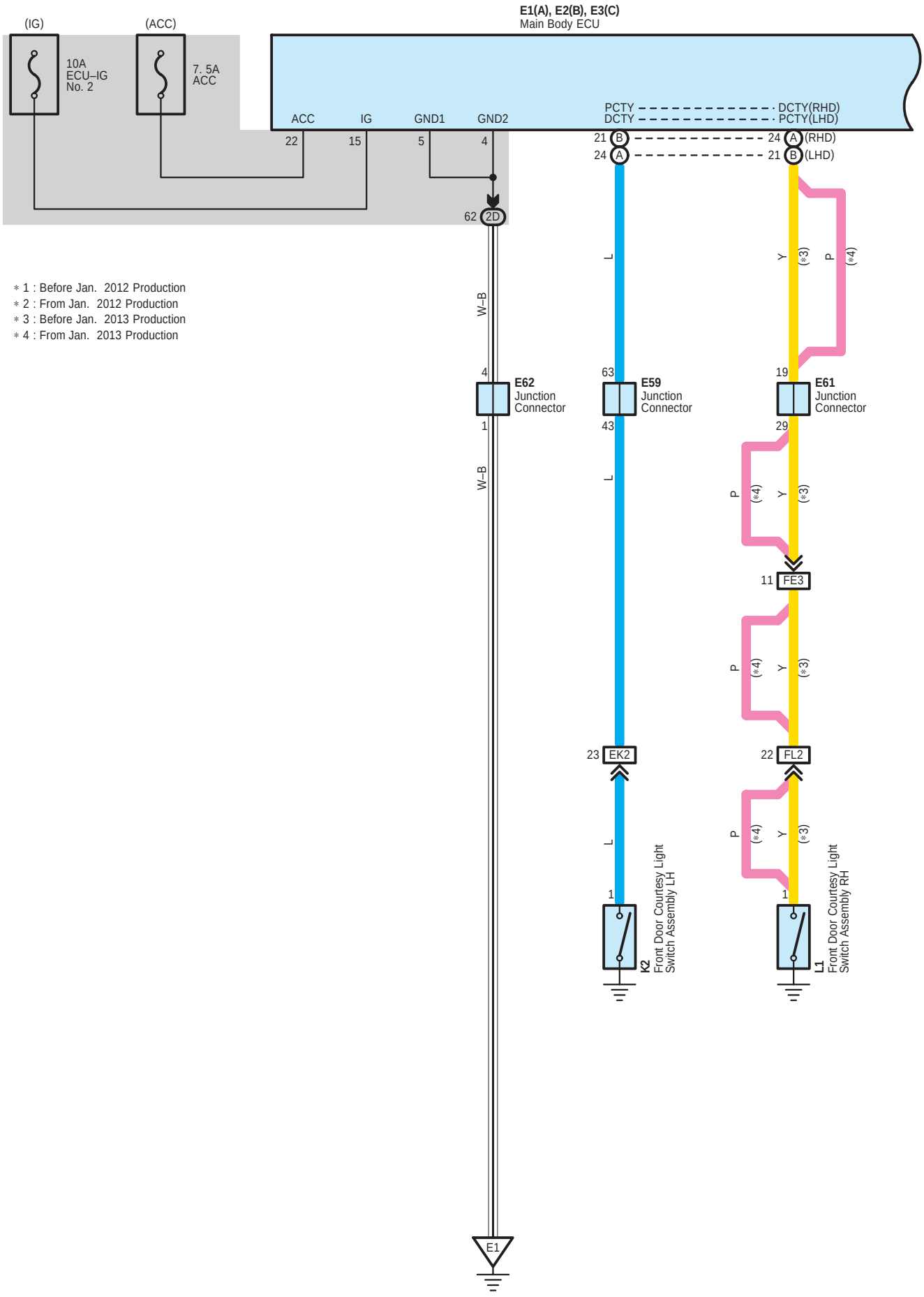
IE6
White



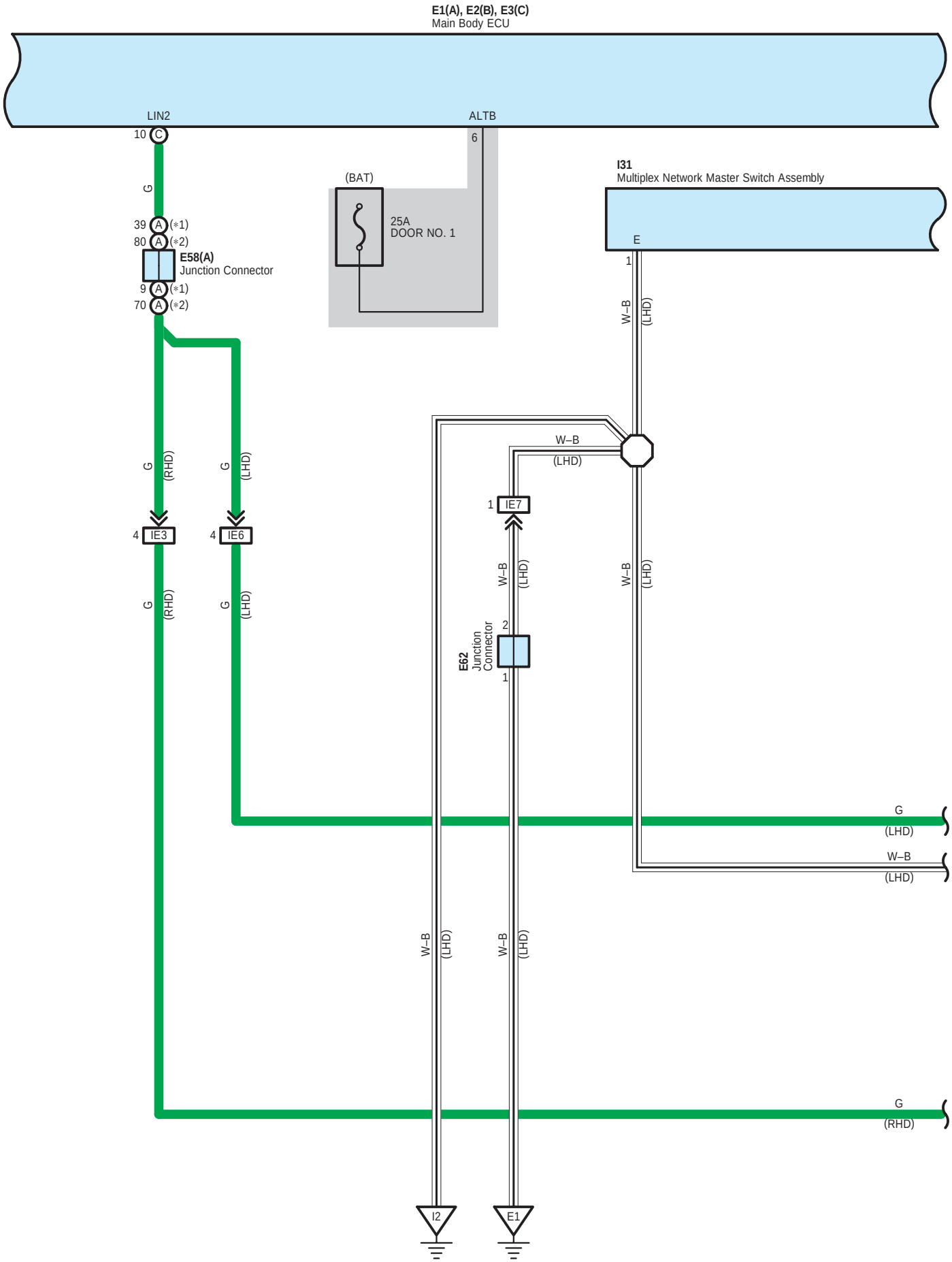

JK1
White
1 2 8 9
10 11 3 4 5 6 7 17 18
12 13 14 15 16
9 8 2 1
18 17 7 6 5 4 3 11 10
16 15 14 13 12

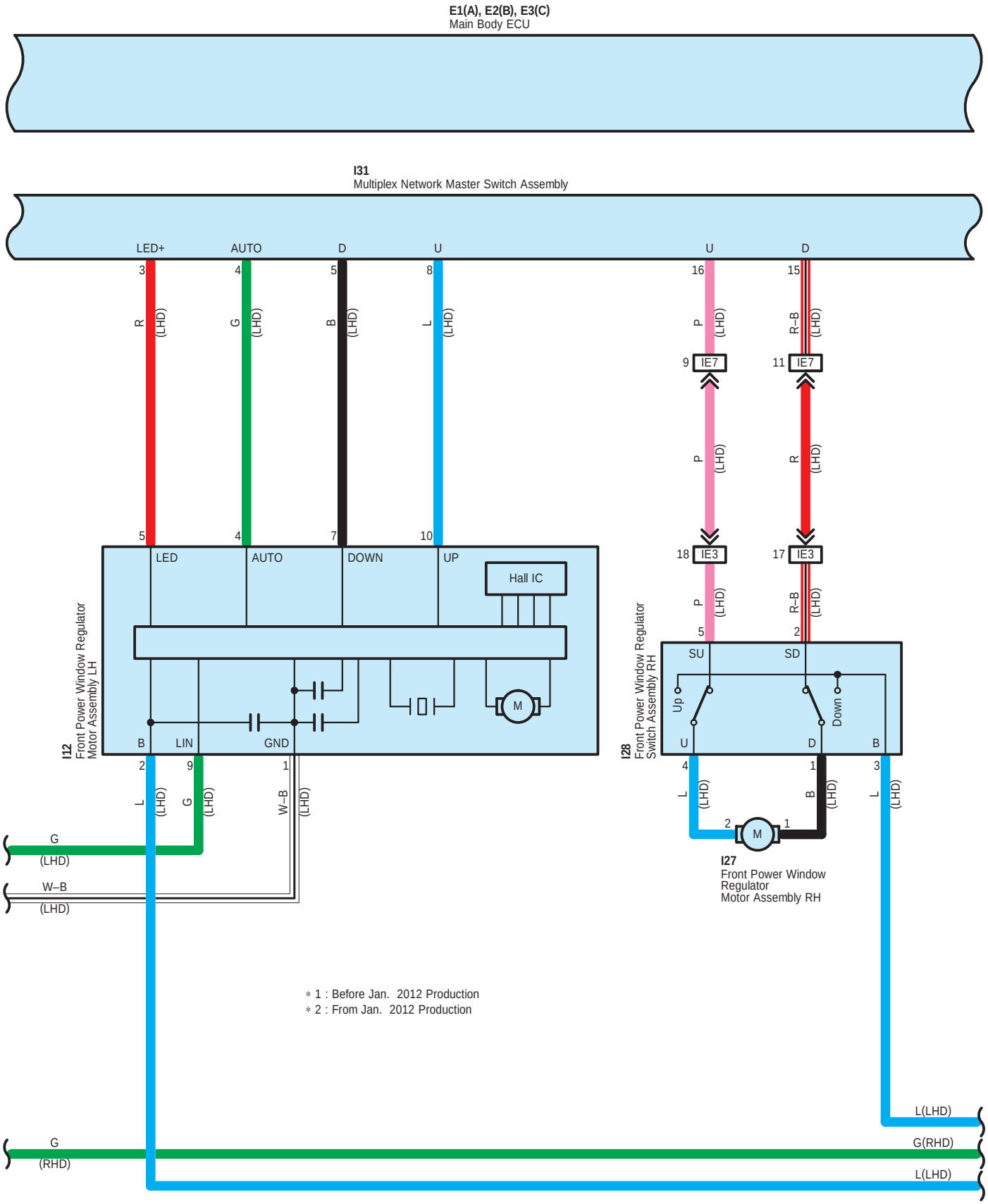

JL1
White
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10 11 3 4 5 6 7 17 18
12 13 14 15 16
9 8 2 1
18 17 7 6 5 4 3 11 10
16 15 14 13 12

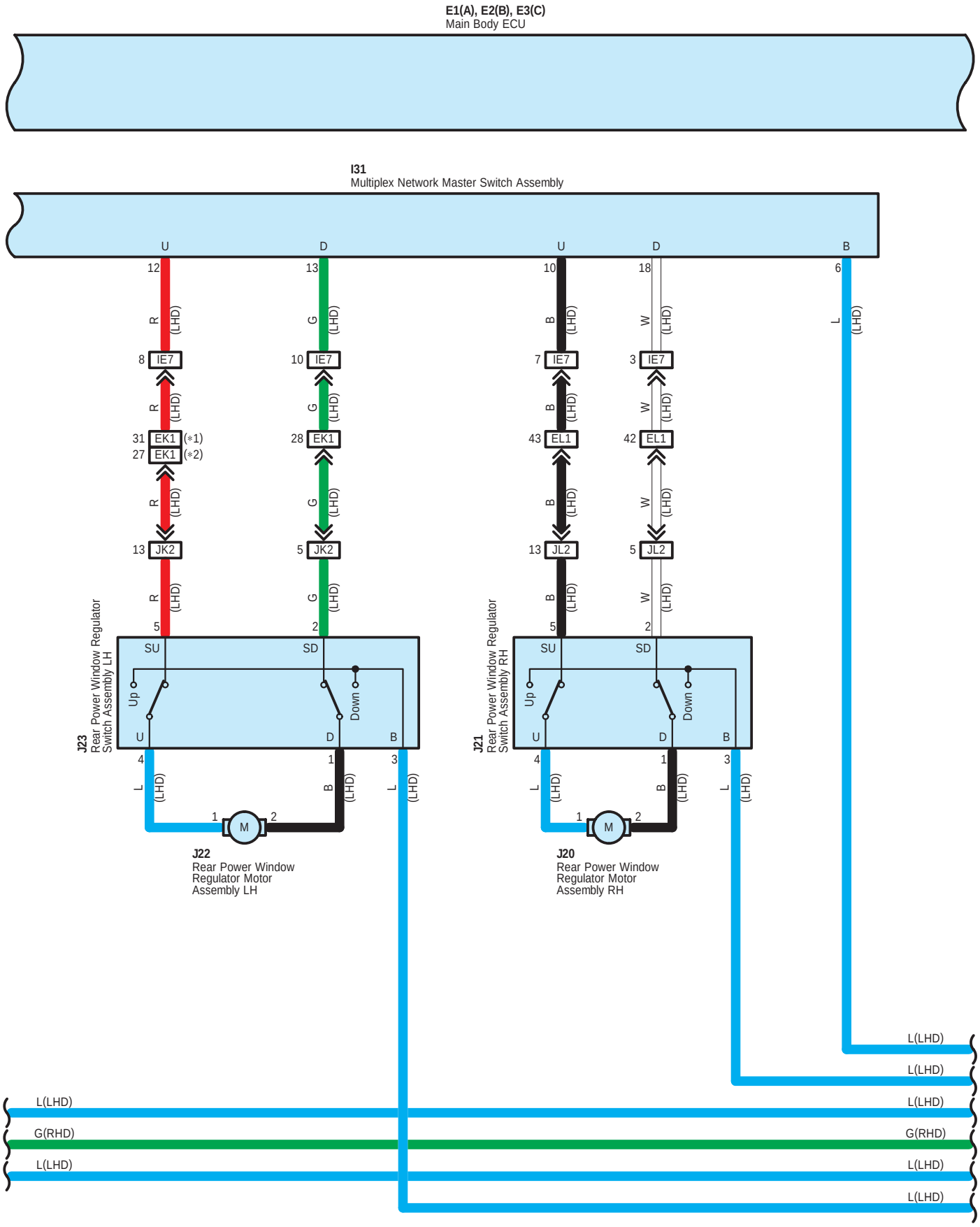

KL1
White
1 2 3 4 5 6 7 8 9
17 10 11 12 13 14 15 16 25
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18

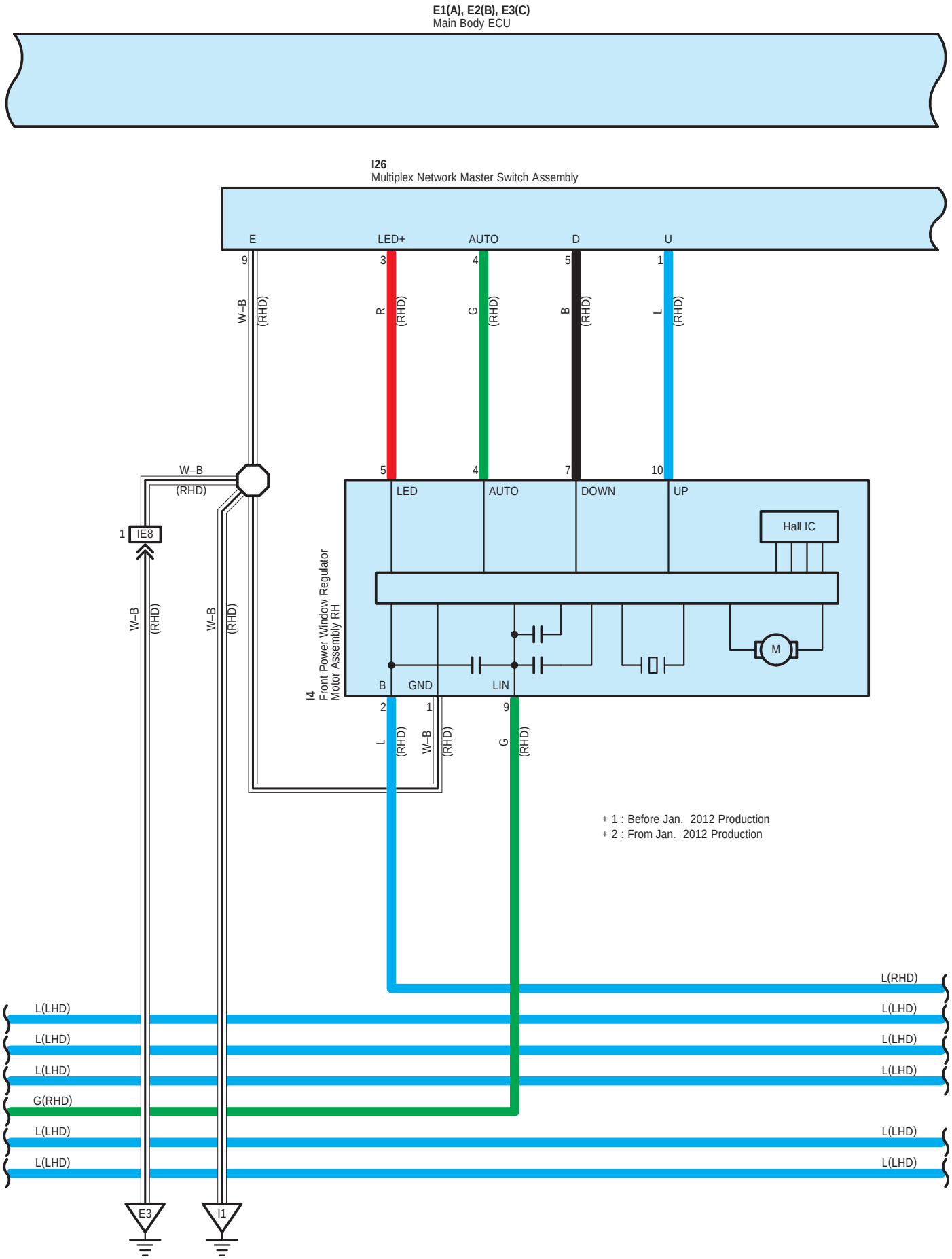


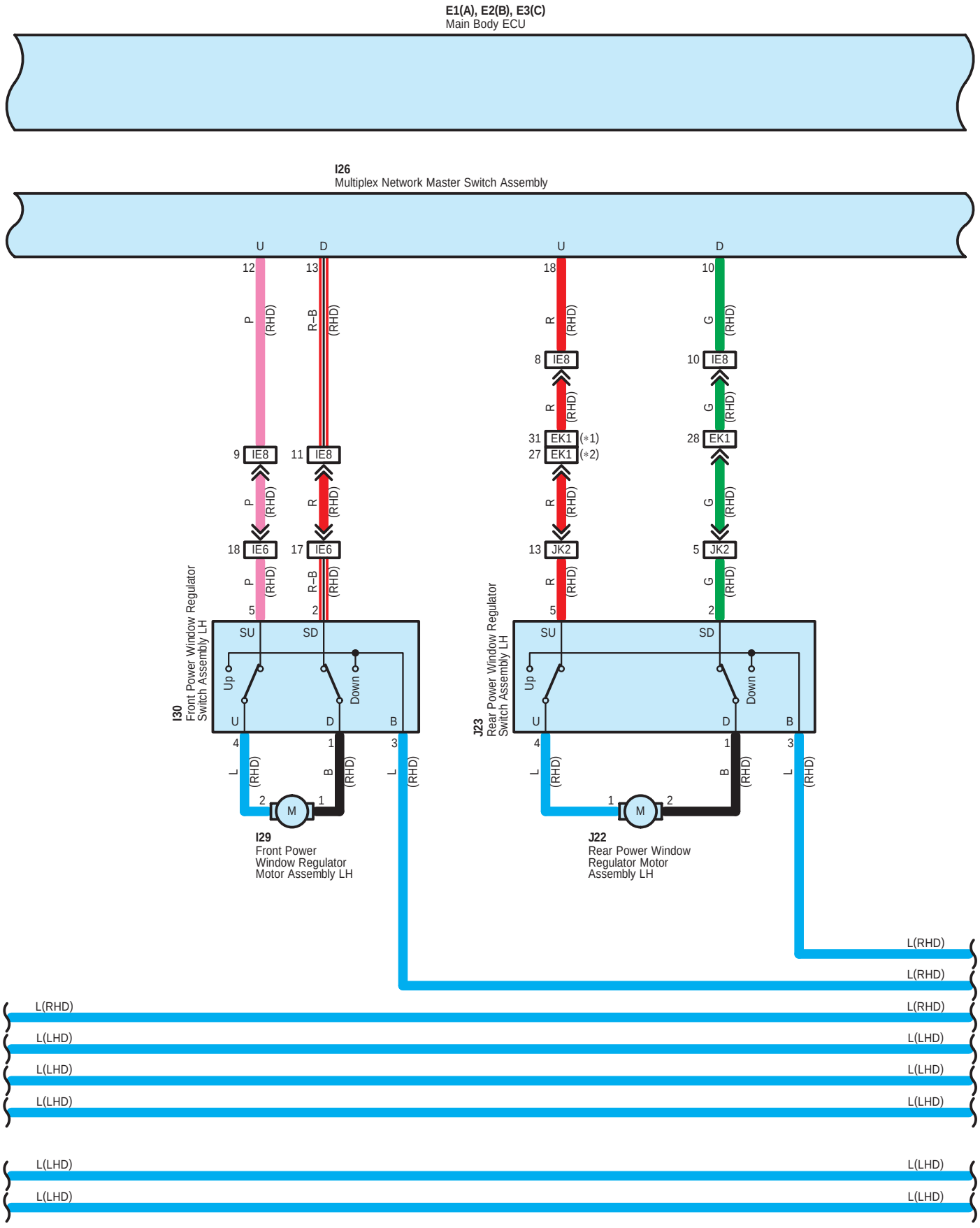
* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production
* 3 : Before Jan. 2013 Production
* 4 : From Jan. 2013 Production

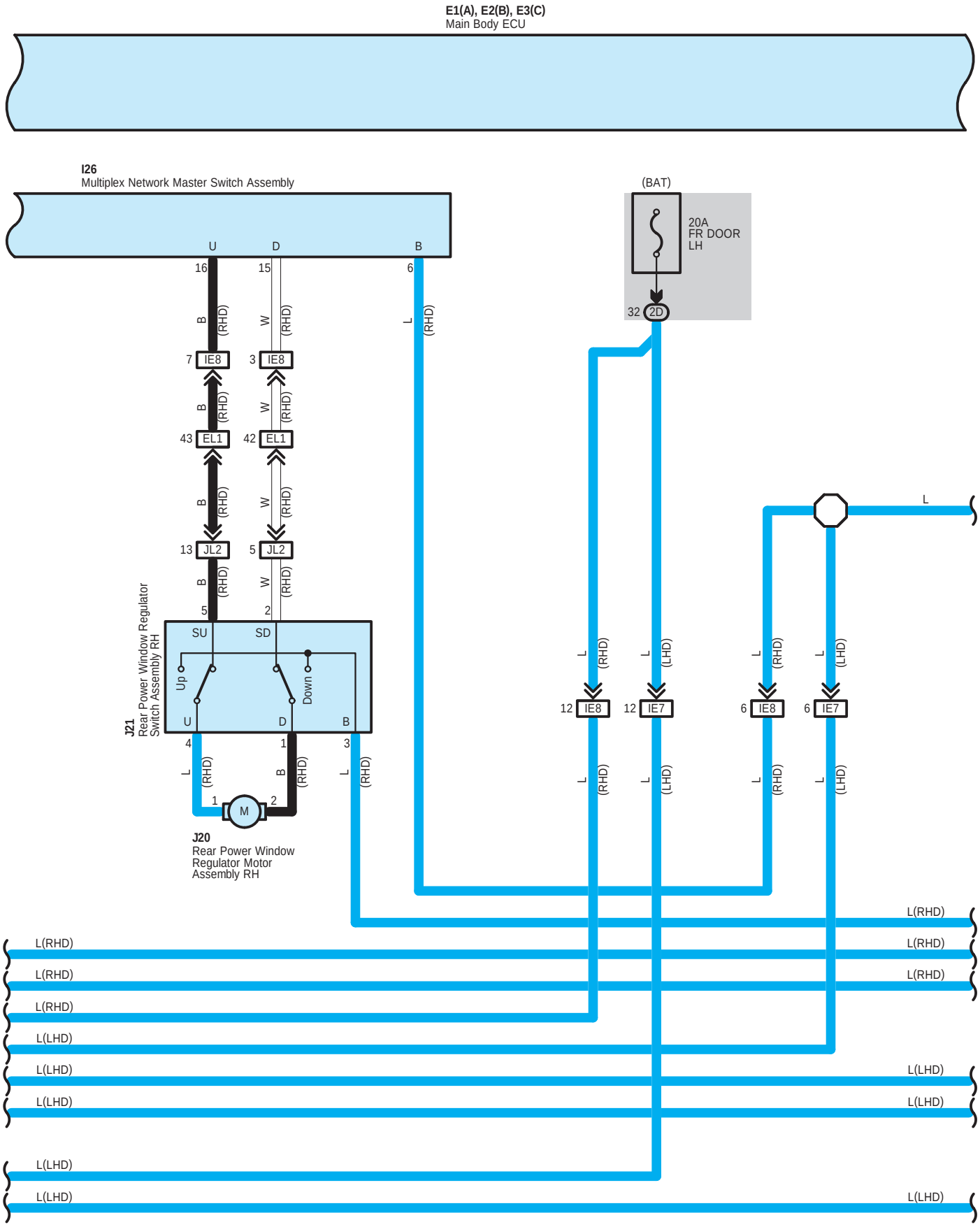

E1(A), E2(B), E3(C)
Main Body ECU
LIN2
ALTB
10 C
6
G
(BAT)
25A
DOOR NO. 1
I31
Multiplex Network Master Switch Assembly
E
1
W–B
(LHD)
39 A (*1)
80 A (*2)
E58(A)
Junction Connector
9 A (*1)
70 A (*2)
G
(RHD)
G
(LHD)
4 IE3
4 IE6
W–B
(LHD)
1 IE7
W–B
(LHD)
W–B
(LHD)
2
E62
Junction
Connector
1
G
(LHD)
W–B
(LHD)
G
(RHD)
W–B
(LHD)
W–B
(LHD)
I2
E1

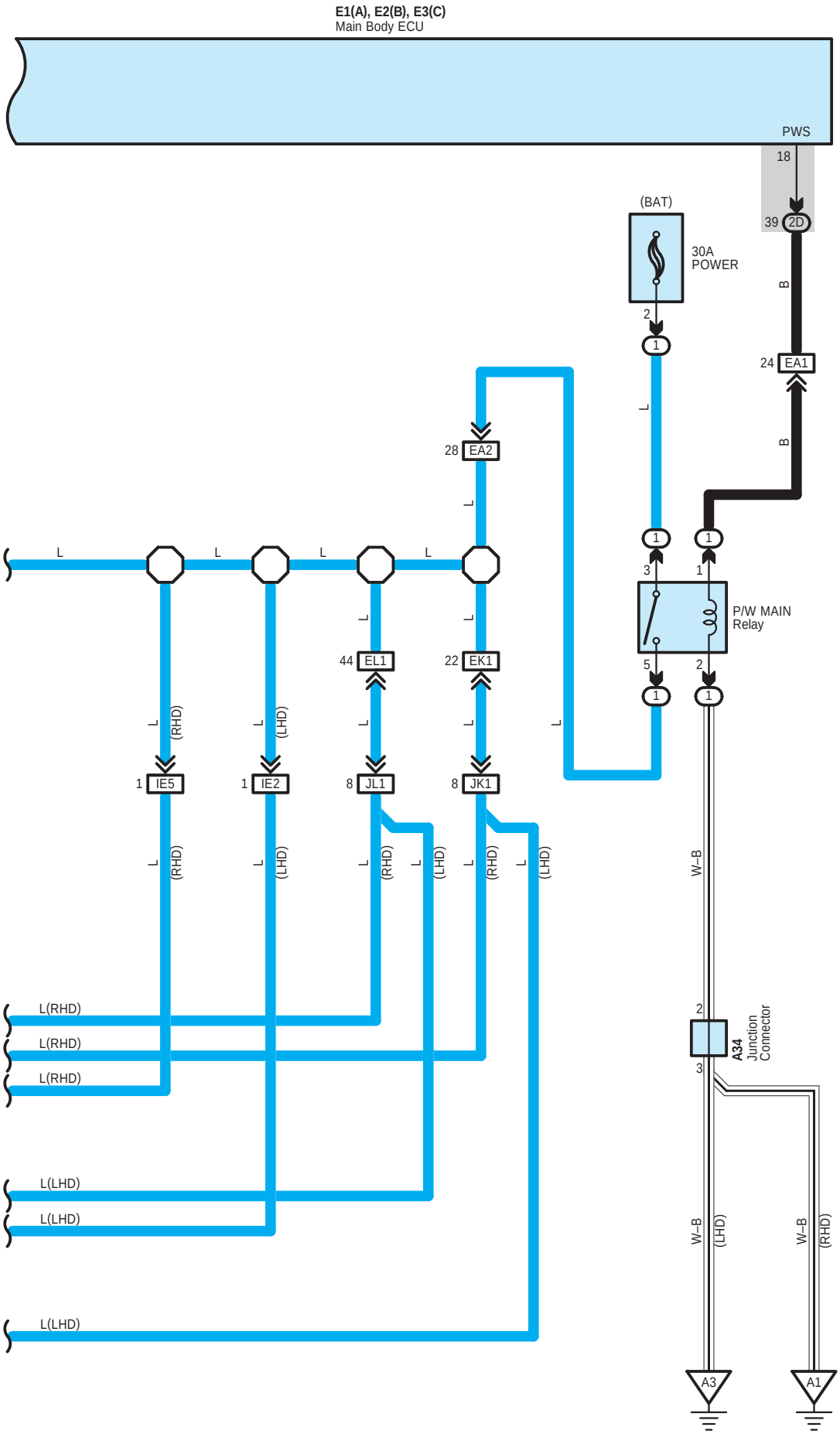

E1(A), E2(B), E3(C)
Main Body ECU
I31
Multiplex Network Master Switch Assembly
LED+
AUTO
D
U
U
D
3
4
5
8
16
15
R
G
B
L
P
R–B
(LHD)
9
11
IE7
IE7
18
17
IE3
IE3
5
4
7
10
LED
AUTO
DOWN
UP
Hall IC
M
I12
Front Power Window Regulator
Motor Assembly LH
B
LIN
GND
2
9
1
L
G
W–B
G
(LHD)
W–B
(LHD)
SU
SD
Up
Down
U
D
B
4
1
3
2
1
I28
Front Power Window Regulator
Switch Assembly RH
I27
Front Power Window
Regulator
Motor Assembly RH
∗1 : Before Jan. 2012 Production
∗2 : From Jan. 2012 Production
L(LHD)
G(RHD)
L(LHD)
G
(RHD)


E1(A), E2(B), E3(C)
Main Body ECU
I31
Multiplex Network Master Switch Assembly
U
D
U
D
B
12
13
10
18
6
R (LHD)
G (LHD)
B (LHD)
W (LHD)
L (LHD)
8 IE7
10 IE7
7 IE7
3 IE7
R (LHD)
G (LHD)
B (LHD)
W (LHD)
31 EK1 (*1)
27 EK1 (*2)
28 EK1
43 EL1
42 EL1
R (LHD)
G (LHD)
B (LHD)
W (LHD)
13 JK2
5 JK2
13 JL2
5 JL2
R (LHD)
G (LHD)
B (LHD)
W (LHD)
5
2
5
2
J23
Rear Power Window Regulator Switch Assembly LH
SU
SD
Up
Down
U
D
B
J21
Rear Power Window Regulator Switch Assembly RH
SU
SD
Up
Down
U
D
B
4
1
3
4
1
3
L (LHD)
B (LHD)
L (LHD)
L (LHD)
B (LHD)
L (LHD)
1
M
2
1
M
2
J22
Rear Power Window Regulator Motor Assembly LH
J20
Rear Power Window Regulator Motor Assembly RH
L(LHD)
L(LHD)
L(LHD)
L(LHD)
G(RHD)
G(RHD)
L(LHD)
L(LHD)
L(LHD)

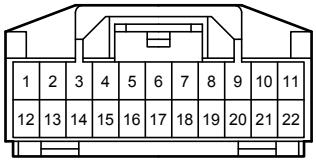

E1(A), E2(B), E3(C)
Main Body ECU
I26
Multiplex Network Master Switch Assembly
E
LED+
AUTO
D
U
9
3
4
5
1
W–B (RHD)
R (RHD)
G (RHD)
B (RHD)
L (RHD)
W–B
(RHD)
5
4
7
10
LED
AUTO
DOWN
UP
Hall IC
M
1
IE8
W–B (RHD)
W–B (RHD)
I4
Front Power Window Regulator Motor Assembly RH
B
GND
LIN
2
1
9
L (RHD)
W–B (RHD)
G (RHD)
∗ 1 : Before Jan. 2012 Production
∗ 2 : From Jan. 2012 Production
L(RHD)
L(LHD)
L(LHD)
L(LHD)
G(RHD)
L(LHD)
L(LHD)
L(RHD)
L(LHD)
L(LHD)
L(LHD)
L(LHD)
E3
I1


E1(A), E2(B), E3(C)
Main Body ECU
I26
Multiplex Network Master Switch Assembly
U
D
12
13
P
(RHD)
R–B
(RHD)
9
IE8
11
IE8
P
(RHD)
R
(RHD)
18
IE6
17
IE6
P
(RHD)
R–B
(RHD)
5
2
I30
Front Power Window Regulator Switch Assembly LH
SU
SD
Up
Down
U
D
B
4
1
3
L
(RHD)
B
(RHD)
L
(RHD)
2
M
1
I29
Front Power Window Regulator Motor Assembly LH
18
10
R
(RHD)
G
(RHD)
8
IE8
10
IE8
R
(RHD)
G
(RHD)
31
EK1
(*1)
27
EK1
(*2)
28
EK1
R
(RHD)
G
(RHD)
13
JK2
5
JK2
R
(RHD)
G
(RHD)
5
2
J23
Rear Power Window Regulator Switch Assembly LH
SU
SD
Up
Down
U
D
B
4
1
3
L
(RHD)
B
(RHD)
L
(RHD)
1
M
2
J22
Rear Power Window Regulator Motor Assembly LH
L(RHD)
L(RHD)
L(RHD)
L(RHD)
L(LHD)
L(LHD)
L(LHD)
L(LHD)
L(LHD)
L(LHD)
L(LHD)
L(LHD)

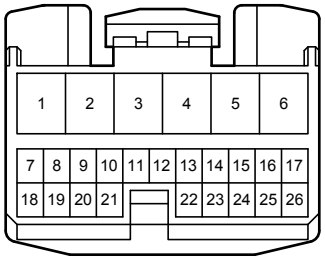

E1(A), E2(B), E3(C)
Main Body ECU
I26
Multiplex Network Master Switch Assembly
U
D
B
16
15
6
B (RHD)
W (RHD)
L (RHD)
7 IE8
3 IE8
B (RHD)
W (RHD)
43 EL1
42 EL1
B (RHD)
W (RHD)
13 JL2
5 JL2
B (RHD)
W (RHD)
5
2
SU
SD
Up
Down
U
D
B
J21
Rear Power Window Regulator Switch Assembly RH
4
1
3
L (RHD)
B (RHD)
L (RHD)
1
2
M
J20
Rear Power Window Regulator Motor Assembly RH
(BAT)
20A
FR DOOR
LH
32 2D
L
L (RHD)
L (LHD)
12 IE8
12 IE7
6 IE8
6 IE7
L(RHD)
L(LHD)


E1(A), E2(B), E3(C)
Main Body ECU
PWS
18
39 2D
(BAT)
30A
POWER
2
1
B
24 EA1
B
L
28 EA2
L
L
L
L
L
L
3
1
P/W MAIN
Relay
5
2
1
1
1
1
44 EL1
22 EK1
L
L
L
L
L
L
L
L
L
L
L
L
L
L
L
L
(RHD)
(LHD)
1 IE5
1 IE2
8 JL1
8 JK1
L
L
L
L
L
L
L
L
(RHD)
(LHD)
(RHD)
(LHD)
(RHD)
(LHD)
W–B
2
A34
Junction
Connector
3
L(RHD)
L(RHD)
L(RHD)
L(LHD)
L(LHD)
L(LHD)
W–B
(LHD)
W–B
(RHD)
A3
A1

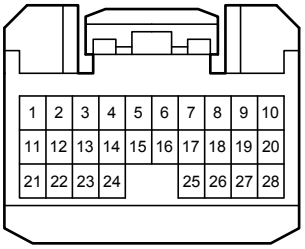
A 34
White



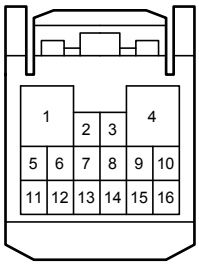
E 1
White



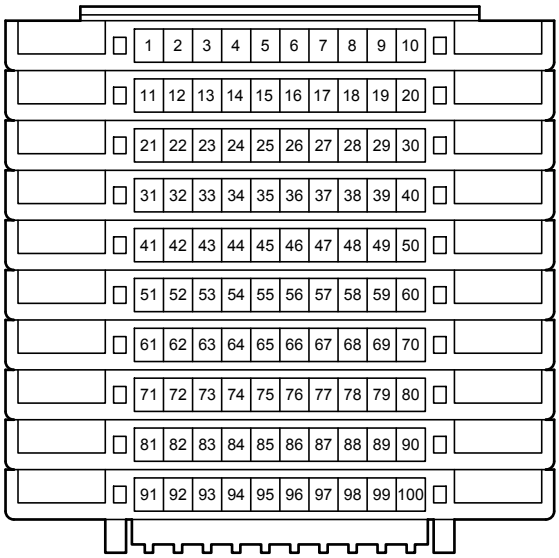
E 2
White



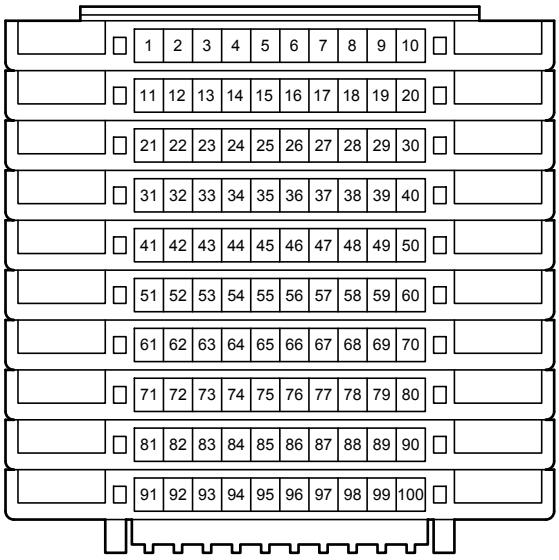
E 3
White



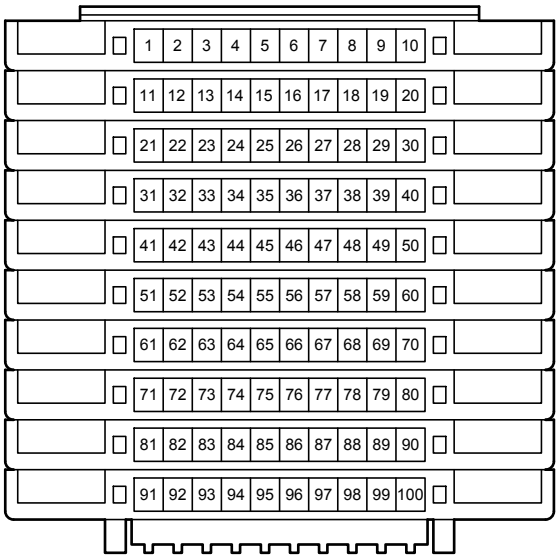
E 58



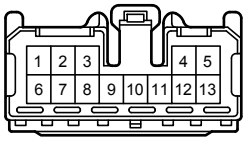
E 59



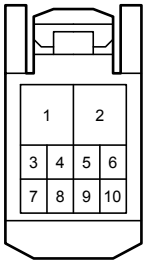
E 61



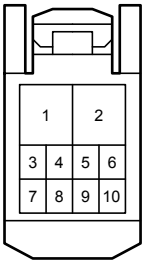
E 62
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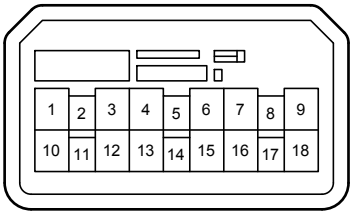
I 4
White



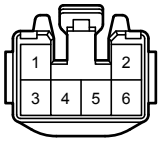
I 12
White



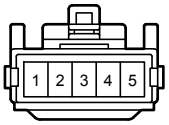
I 26
White



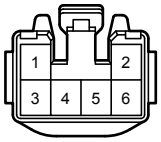
I 27
Black



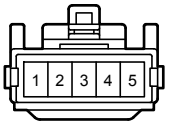
I 28
White



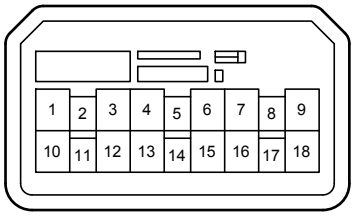
I 29
Black



I 30
White



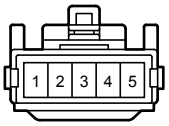
I 31
White



J 20
Black



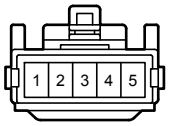
J 21
White



J 22
Black



J 23
White



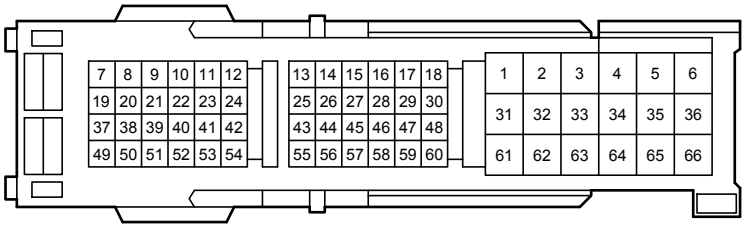
K 2
White



L 1
White

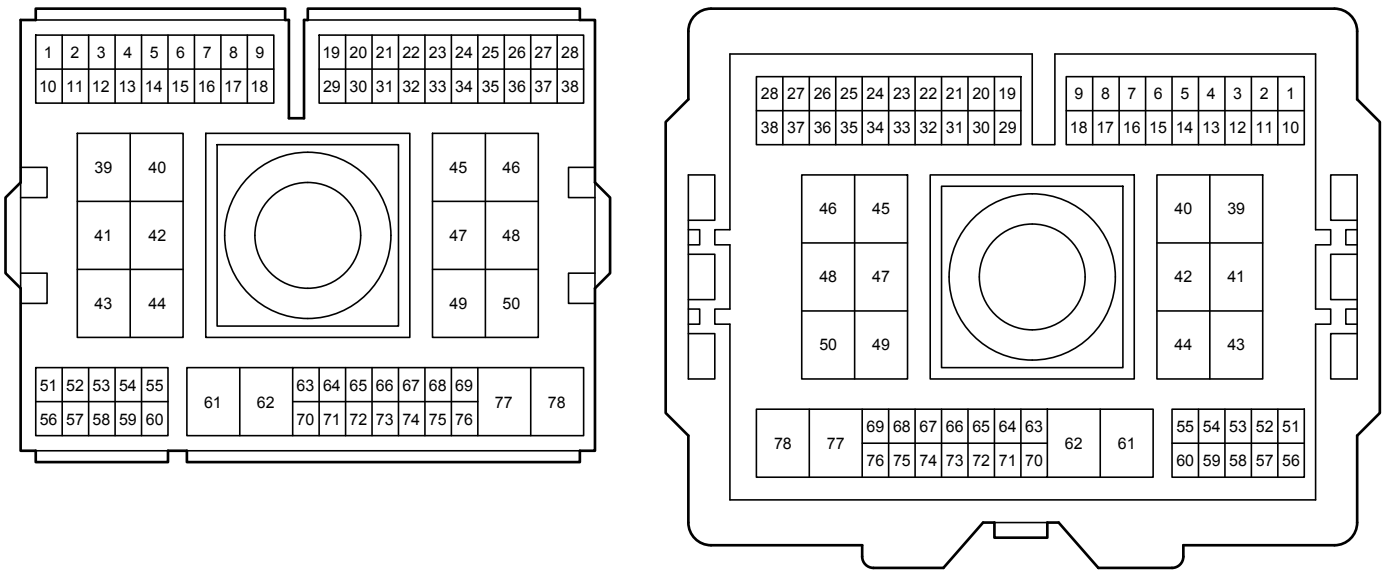


2D
White



EA1

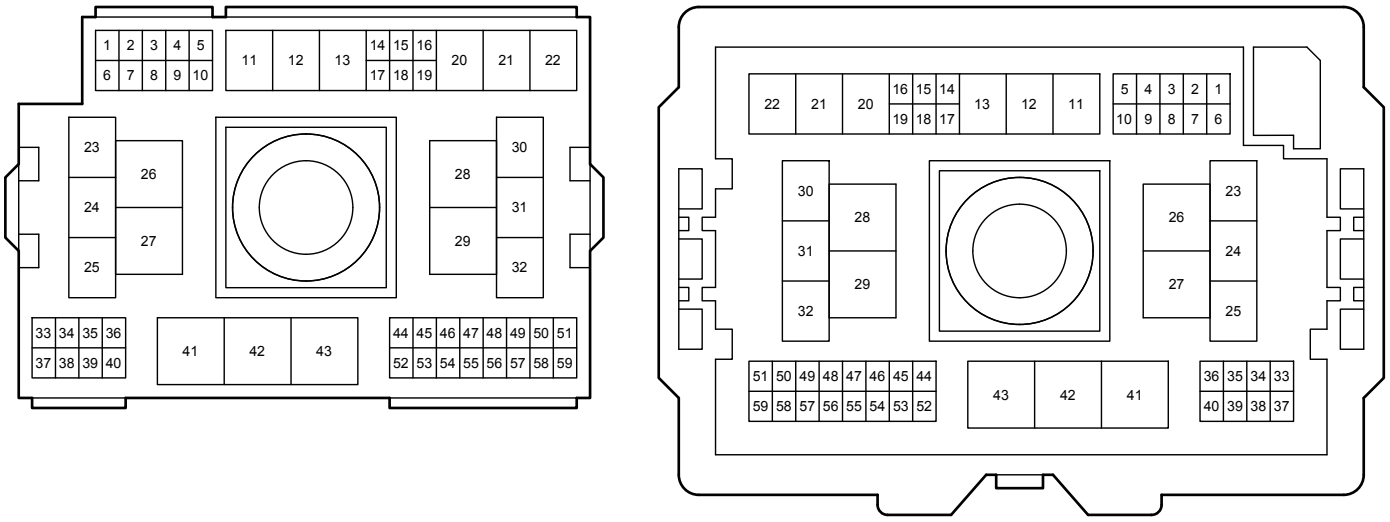
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EA2

White

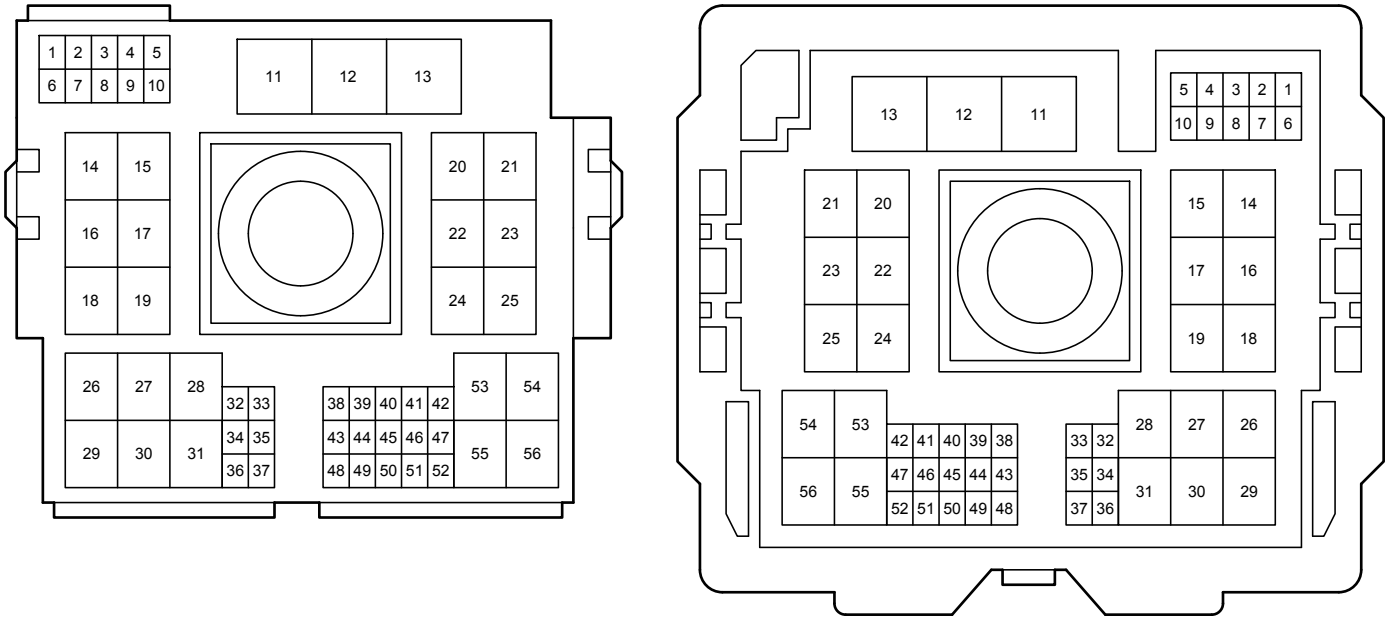
Gray



EK1

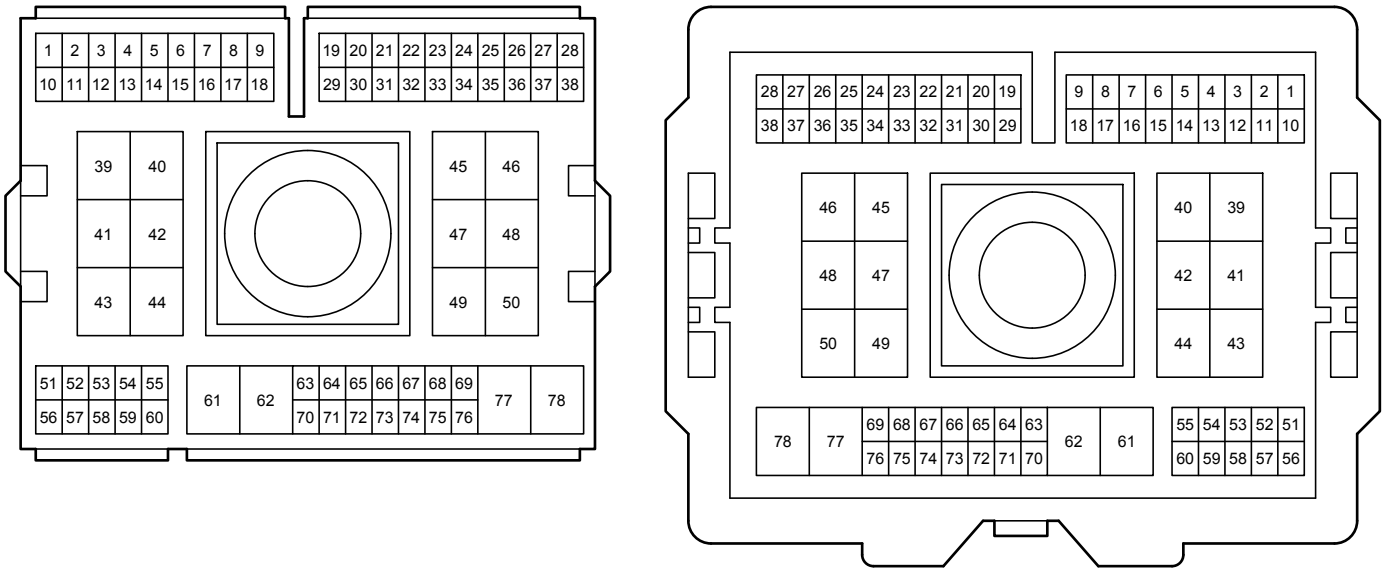
White

Blue

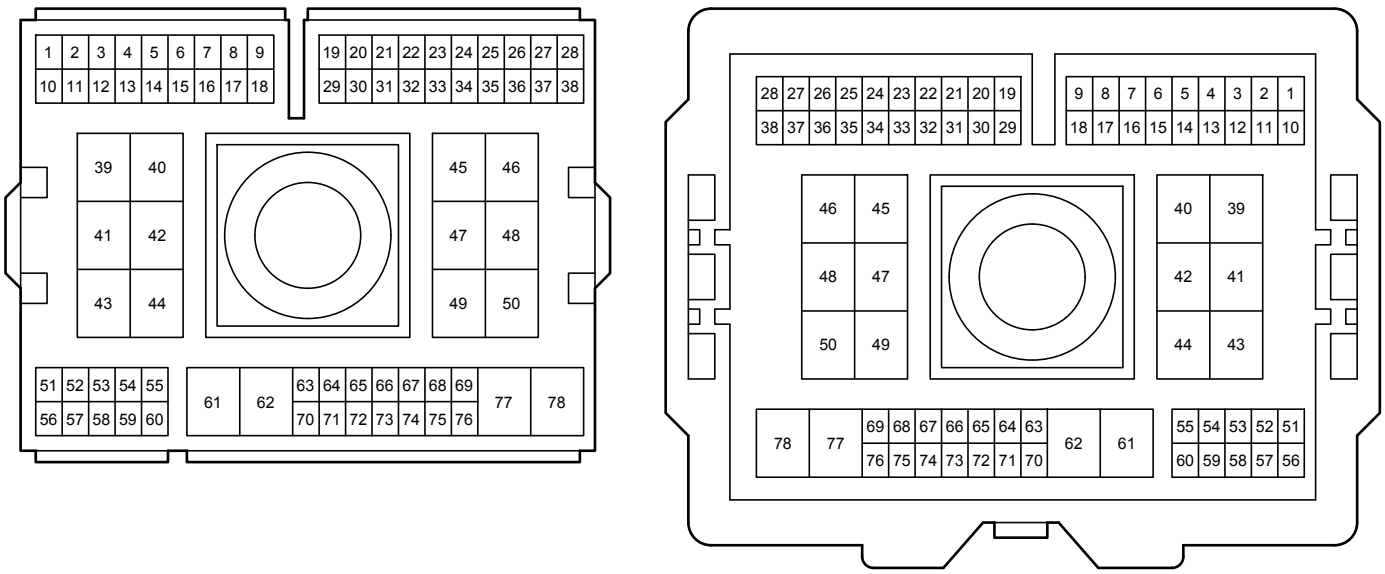


EK2

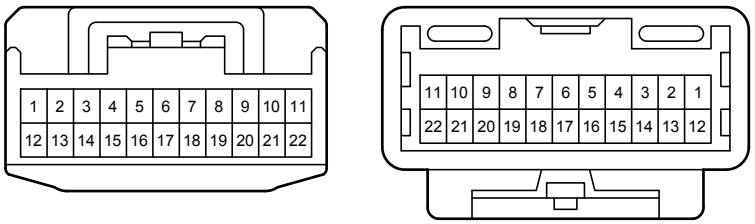
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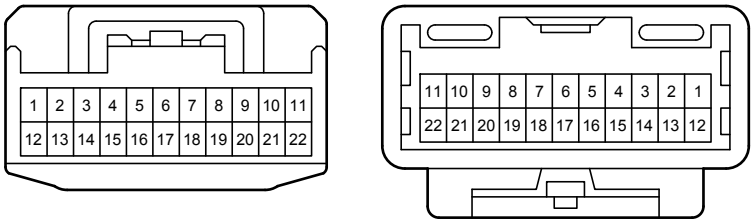
EL1
White



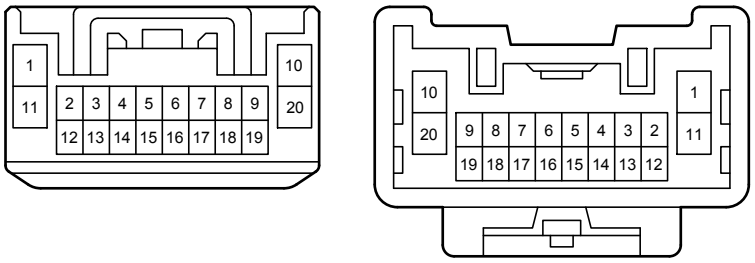
FE3
White



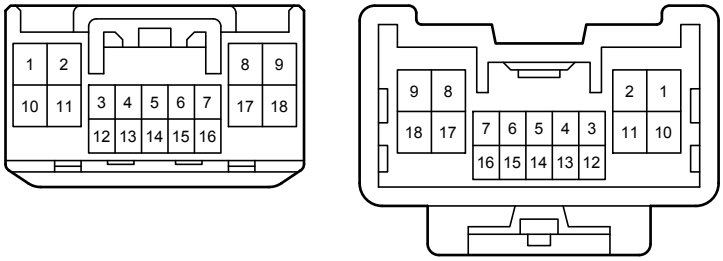
FL2
Blue



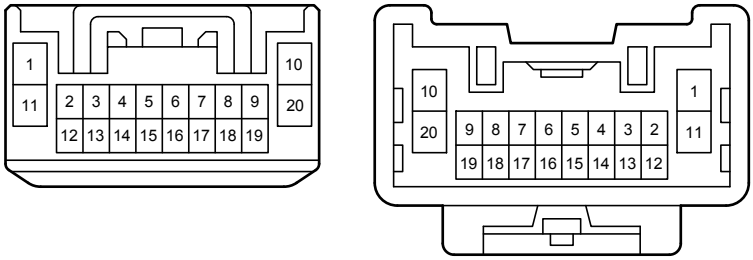
IE2
Blue



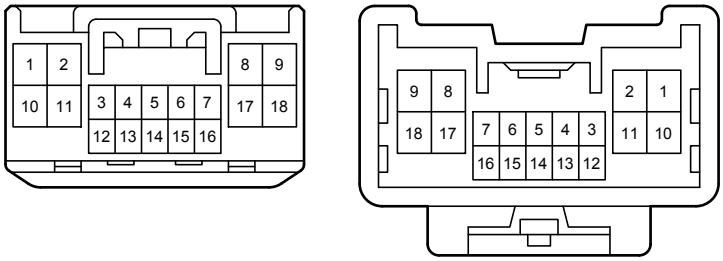
IE3
White



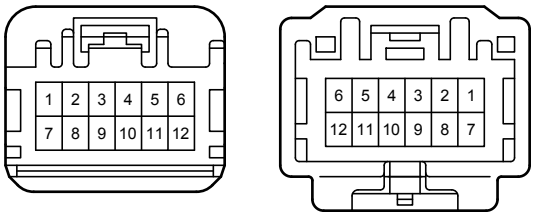
IE5
Blue



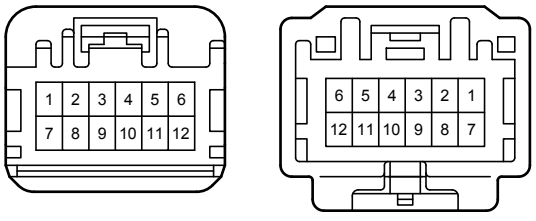
IE6
White

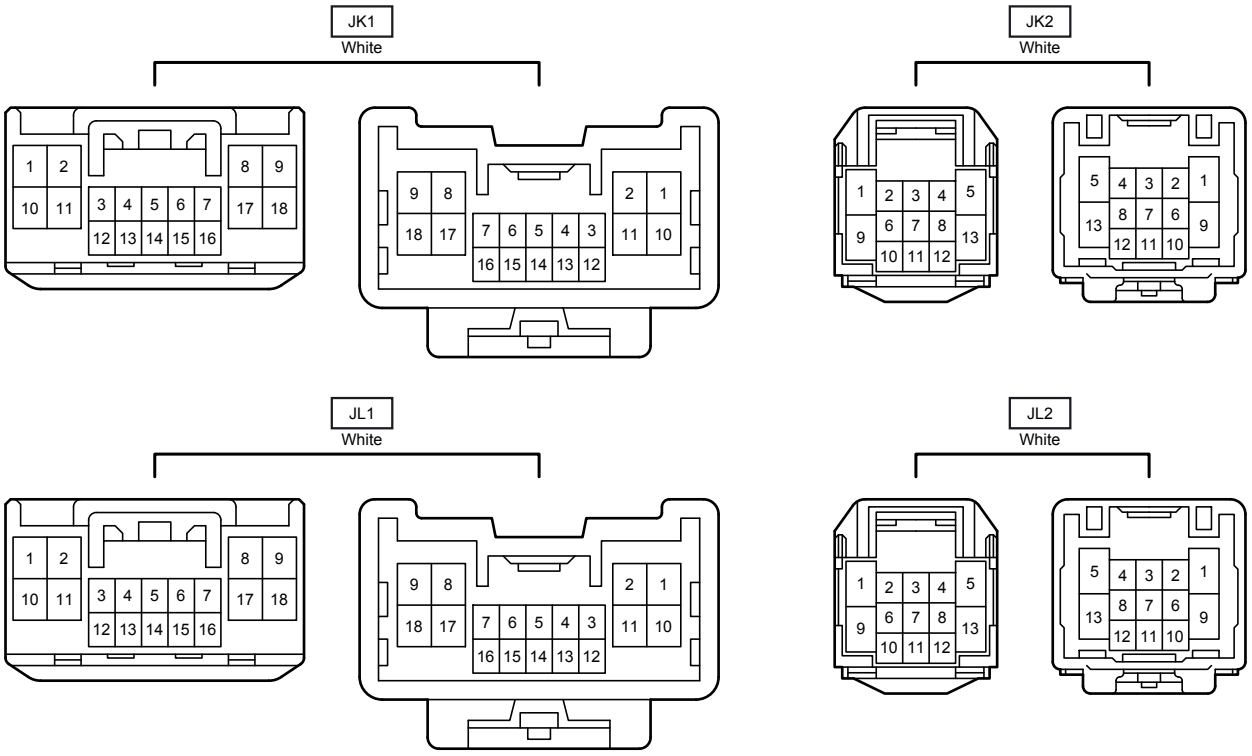


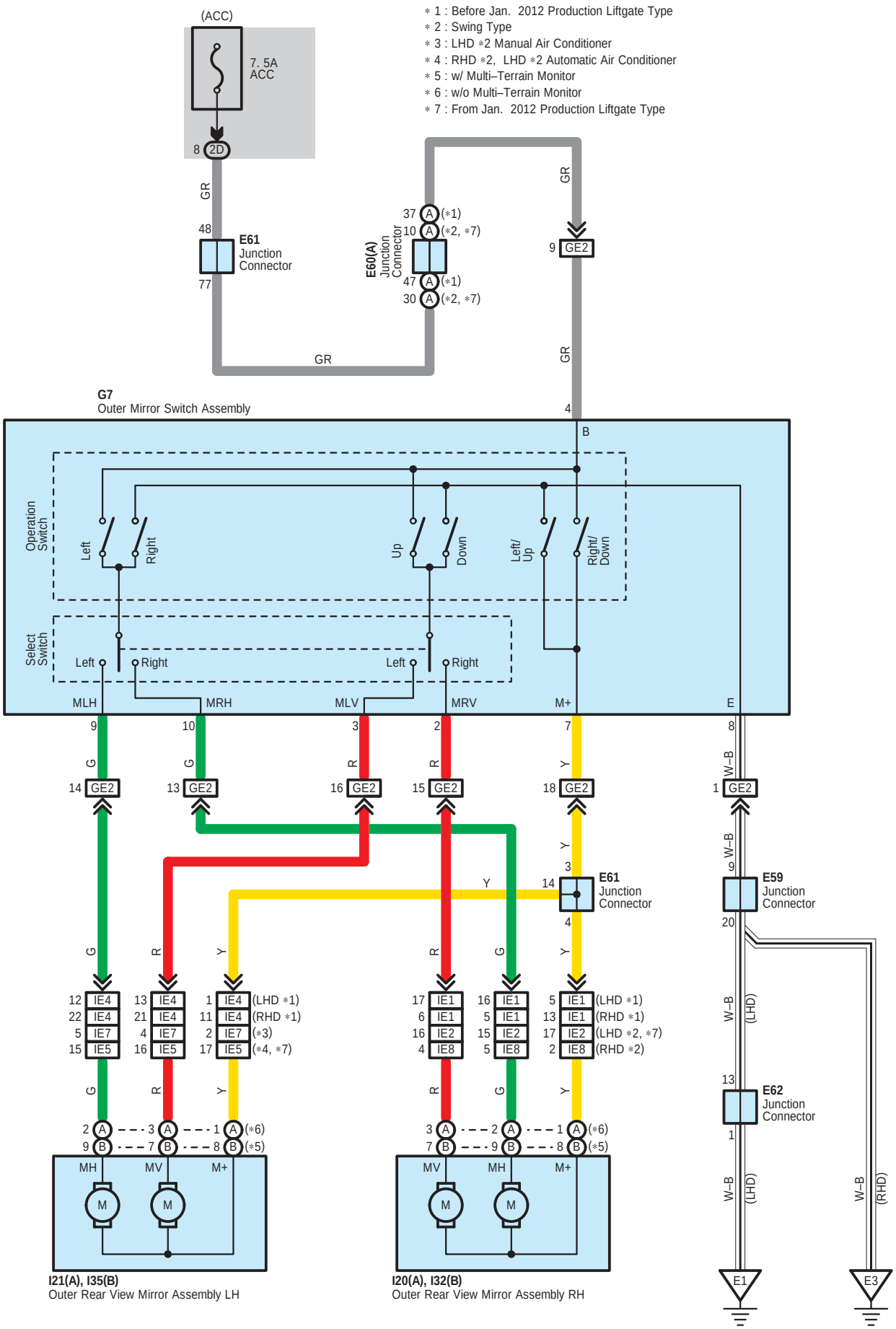
IE7
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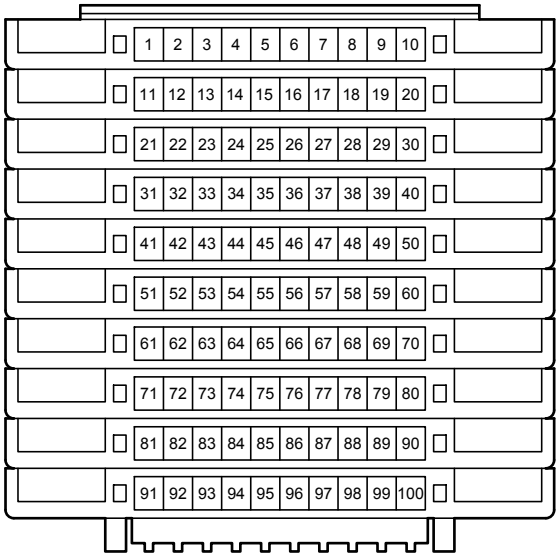
IE8
White



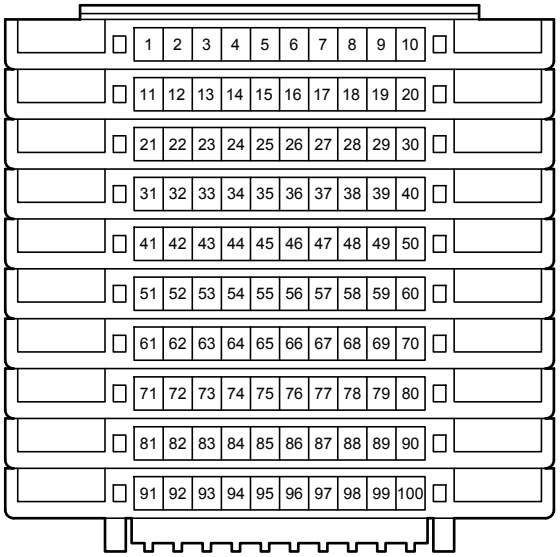

JK1
White
1 2 10 11 3 4 5 6 7 12 13 14 15 16 8 9 17 18
9 8 18 17 7 6 5 4 3 16 15 14 13 12 2 1 11 10
JK2
White
1 2 3 4 5 9 6 7 8 13 10 11 12
5 4 3 2 1 13 8 7 6 9 12 11 10
JL1
White
1 2 10 11 3 4 5 6 7 12 13 14 15 16 8 9 17 18
9 8 18 17 7 6 5 4 3 16 15 14 13 12 2 1 11 10
JL2
White
1 2 3 4 5 9 6 7 8 13 10 11 12
5 4 3 2 1 13 8 7 6 9 12 11 10


∗ 1 : Before Jan. 2012 Production Liftgate Type
∗ 2 : Swing Type
∗ 3 : LHD ∗2 Manual Air Conditioner
∗ 4 : RHD ∗2, LHD ∗2 Automatic Air Conditioner
∗ 5 : w/ Multi–Terrain Monitor
∗ 6 : w/o Multi–Terrain Monitor
∗ 7 : From Jan. 2012 Production Liftgate Type
(ACC)
7. 5A ACC
8 2D
GR
48
E61 Junction Connector
77
GR
37 A (∗1)
10 A (∗2, ∗7)
E60(A) Junction Connector
47 A (∗1)
30 A (∗2, ∗7)
GR
9 GE2
GR
4
G7
Outer Mirror Switch Assembly
B
Operation Switch
Left
Right
Up
Down
Left/ Up
Right/ Down
Select Switch
Left
Right
Left
Right
MLH
MRH
MLV
MRV
M+
E
9
10
3
2
7
8
G
G
R
R
Y
W–B
14 GE2
13 GE2
16 GE2
15 GE2
18 GE2
1 GE2
Y
3
14
E61 Junction Connector
4
Y
9
W–B
E59 Junction Connector
20
G
R
Y
R
G
Y
12 IE4
22 IE4
5 IE7
15 IE5
13 IE4
21 IE4
4 IE7
16 IE5
1 IE4 (LHD ∗1)
11 IE4 (RHD ∗1)
2 IE7 (∗3)
17 IE5 (∗4, ∗7)
17 IE1
6 IE1
16 IE2
4 IE8
16 IE1
5 IE1
15 IE2
5 IE8
5 IE1 (LHD ∗1)
13 IE1 (RHD ∗1)
17 IE2 (LHD ∗2, ∗7)
2 IE8 (RHD ∗2)
W–B
(LHD)
13
E62 Junction Connector
1
G
R
Y
R
G
Y
2 A 3 A 1 A (∗6)
9 B 7 B 8 B (∗5)
3 A 2 A 1 A (∗6)
7 B 9 B 8 B (∗5)
W–B
(LHD)
W–B
(RHD)
MH
MV
M+
MV
MH
M+
M
M
M
M
E1
E3
I21(A), I35(B)
Outer Rear View Mirror Assembly LH
I20(A), I32(B)
Outer Rear View Mirror Assembly RH

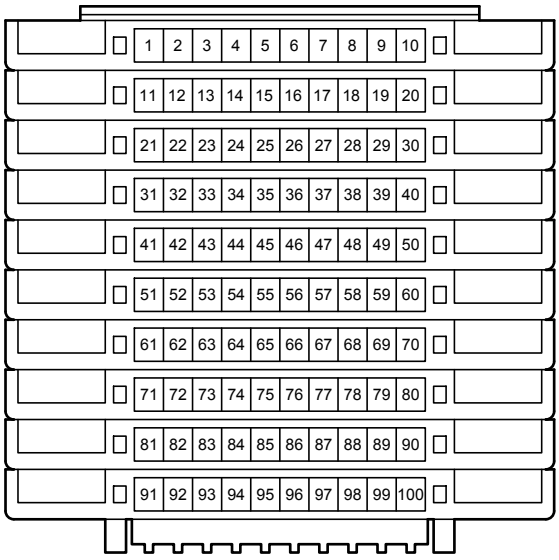
E 59



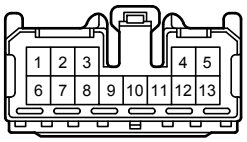
E 60



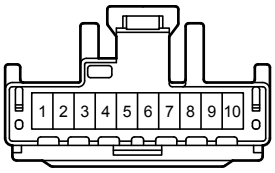
E 61



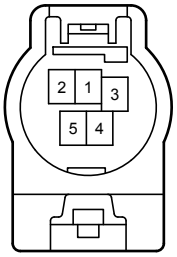
E 62
White



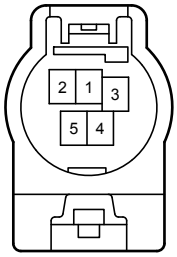
G 7
White



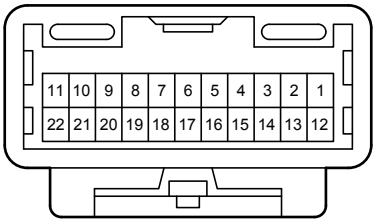
I 20
White



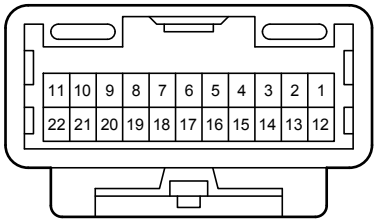
I 21
White



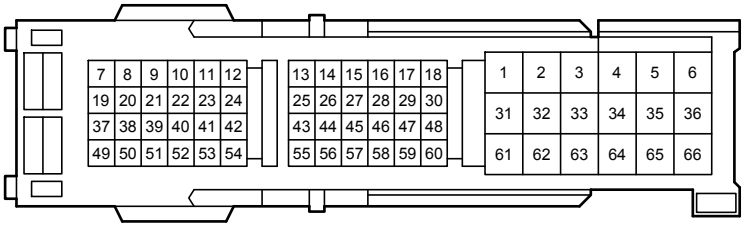
I 32
White



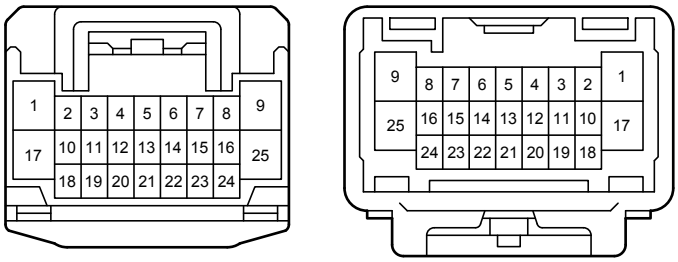
I 35
White



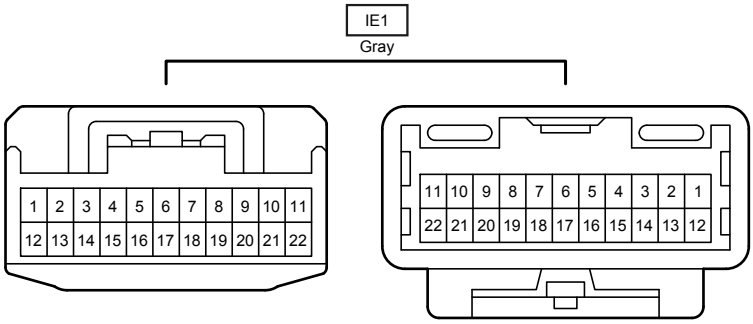
2D
White



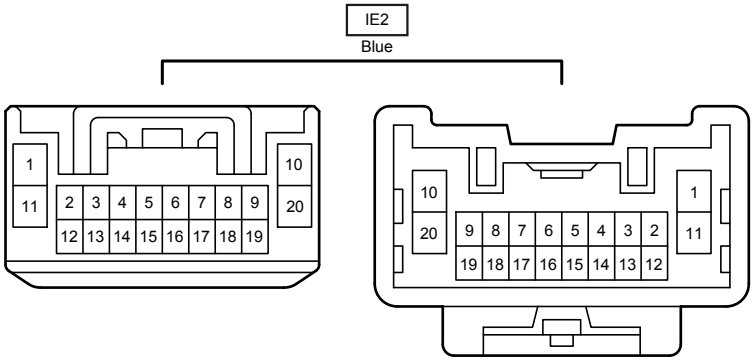
GE2
White



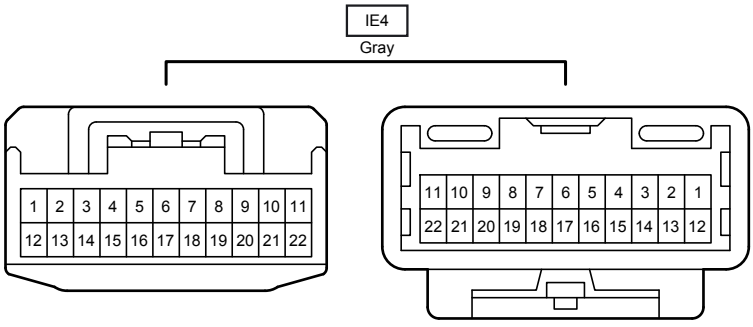
IE1
Gray

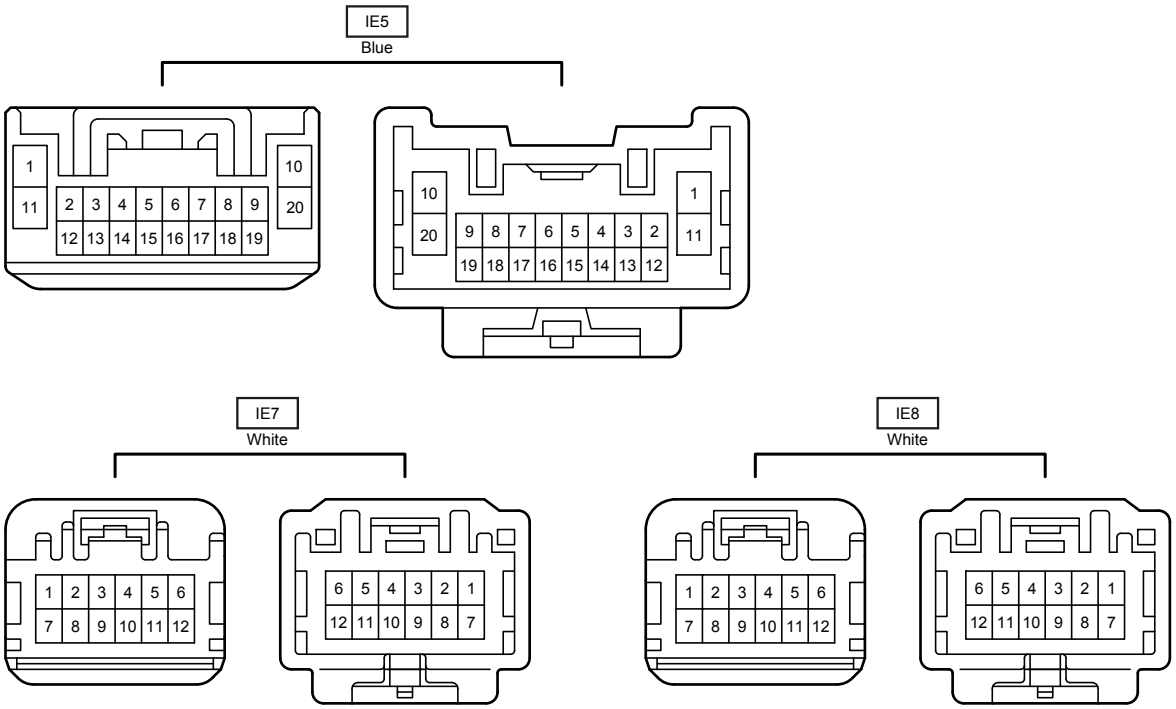


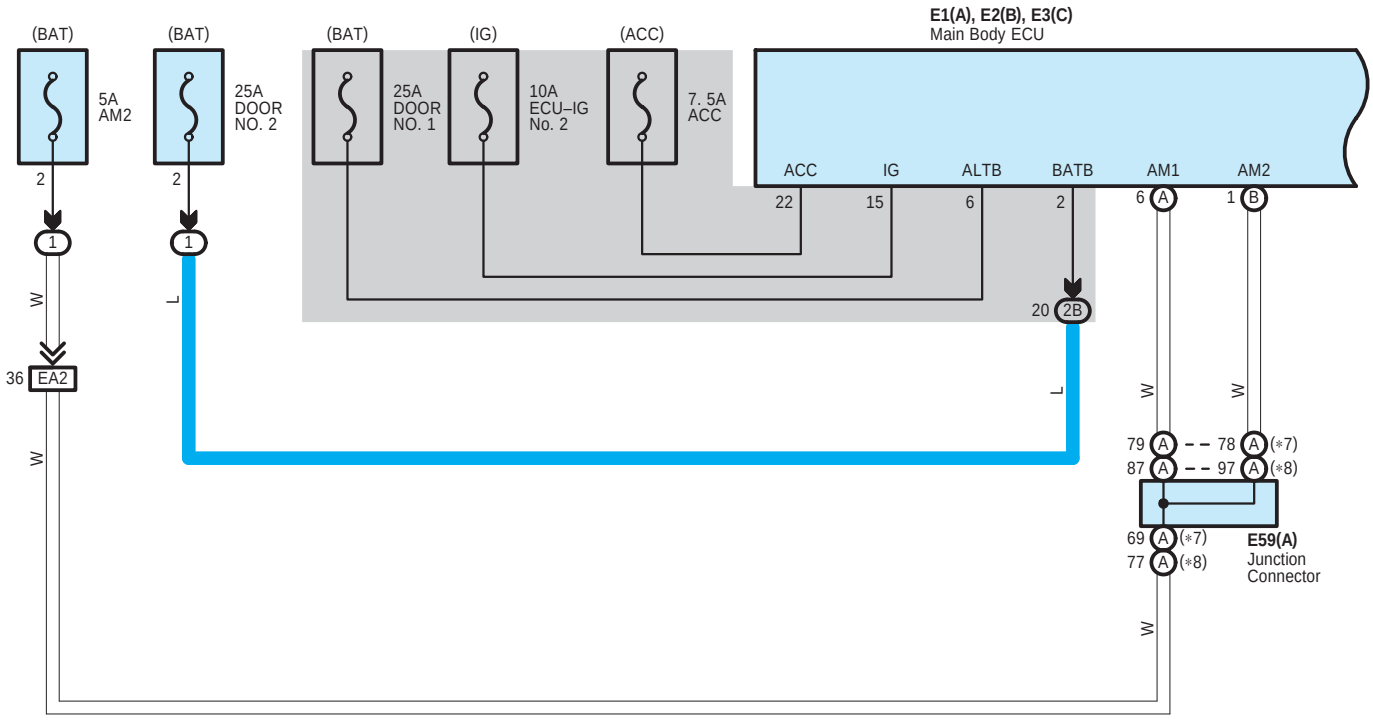
IE2
Blue



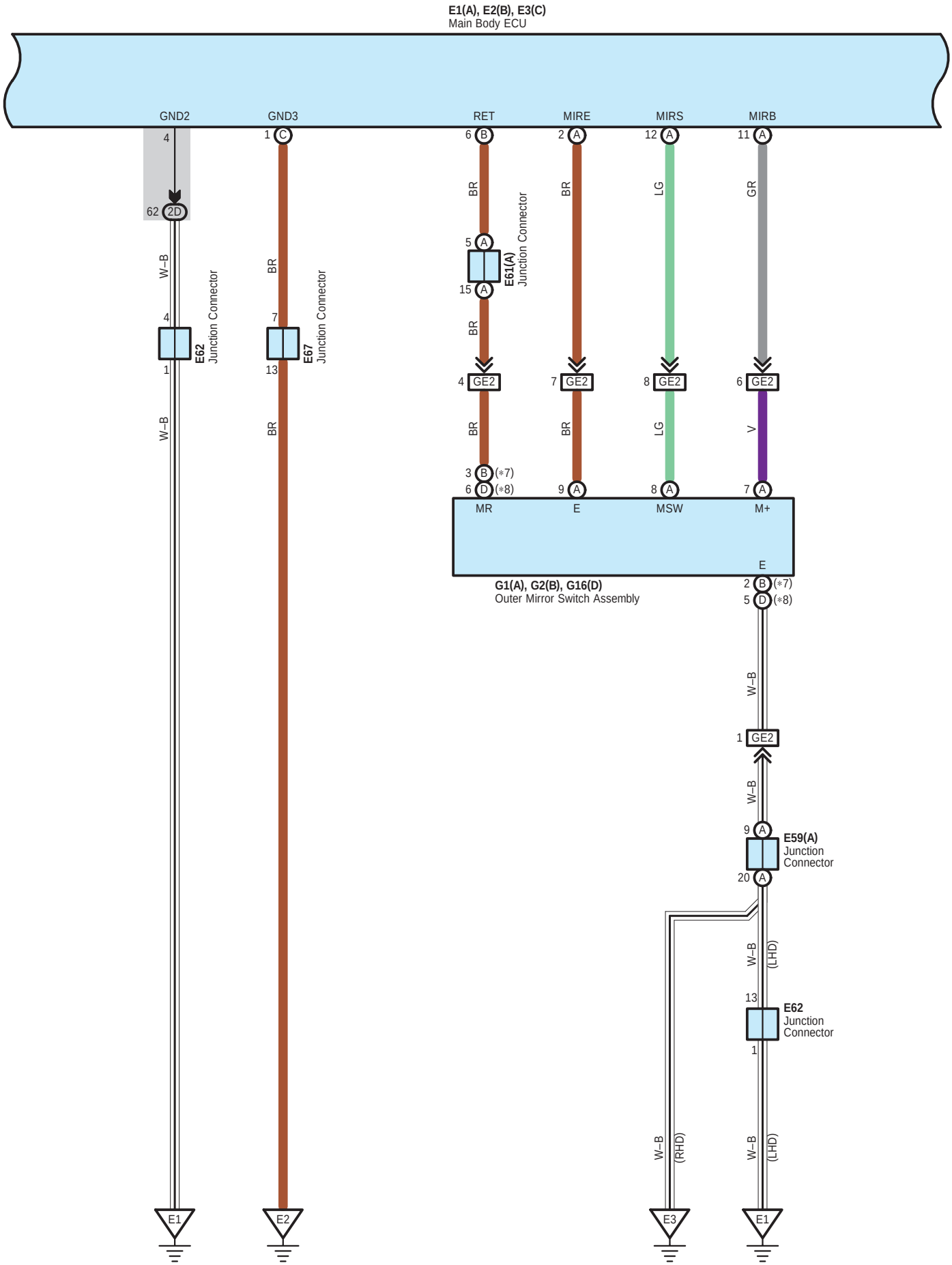
IE4
Gray

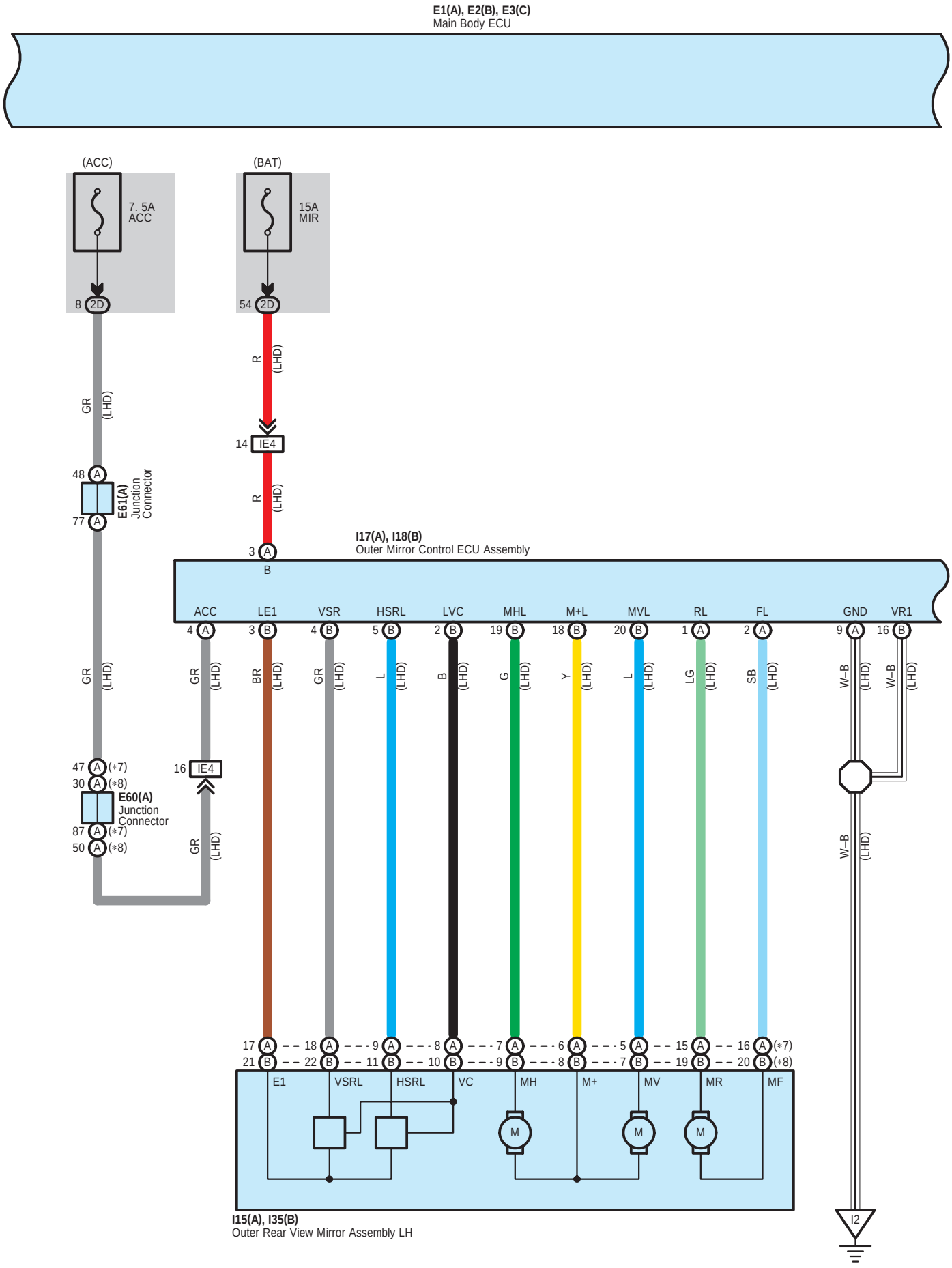



IE5
Blue
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11
IE7
White
1 2 3 4 5 6
7 8 9 10 11 12
6 5 4 3 2 1
12 11 10 9 8 7
IE8
White
1 2 3 4 5 6
7 8 9 10 11 12
6 5 4 3 2 1
12 11 10 9 8 7



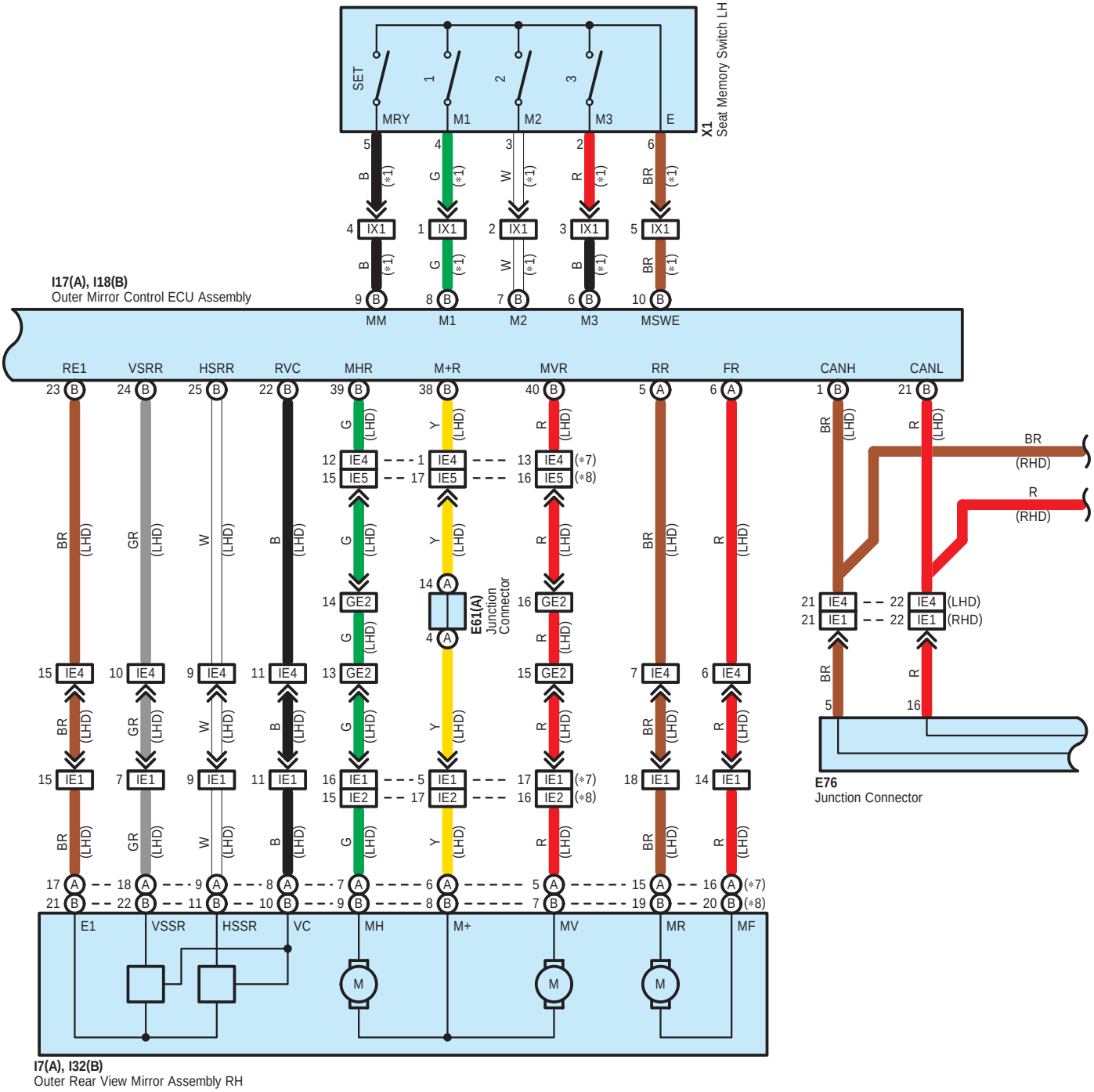
* 7 : Before Jan. 2012 Production
* 8 : From Jan. 2012 Production


E1(A), E2(B), E3(C)
Main Body ECU
GND2
GND3
RET
MIRE
MIRS
MIRB
4
62 2D
1 C
6 B
2 A
12 A
11 A
W–B
BR
LG
GR
4
E62
Junction Connector
7
E67
Junction Connector
13
5 A
15 A
E61(A)
Junction Connector
4 GE2
7 GE2
8 GE2
6 GE2
V
3 B (*7)
6 D (*8)
9 A
8 A
7 A
MR
E
MSW
M+
E
G1(A), G2(B), G16(D)
Outer Mirror Switch Assembly
2 B (*7)
5 D (*8)
1 GE2
9 A
E59(A)
Junction
Connector
20 A
(LHD)
(RHD)
13
E62
Junction
Connector
1
E1
E2
E3
E1

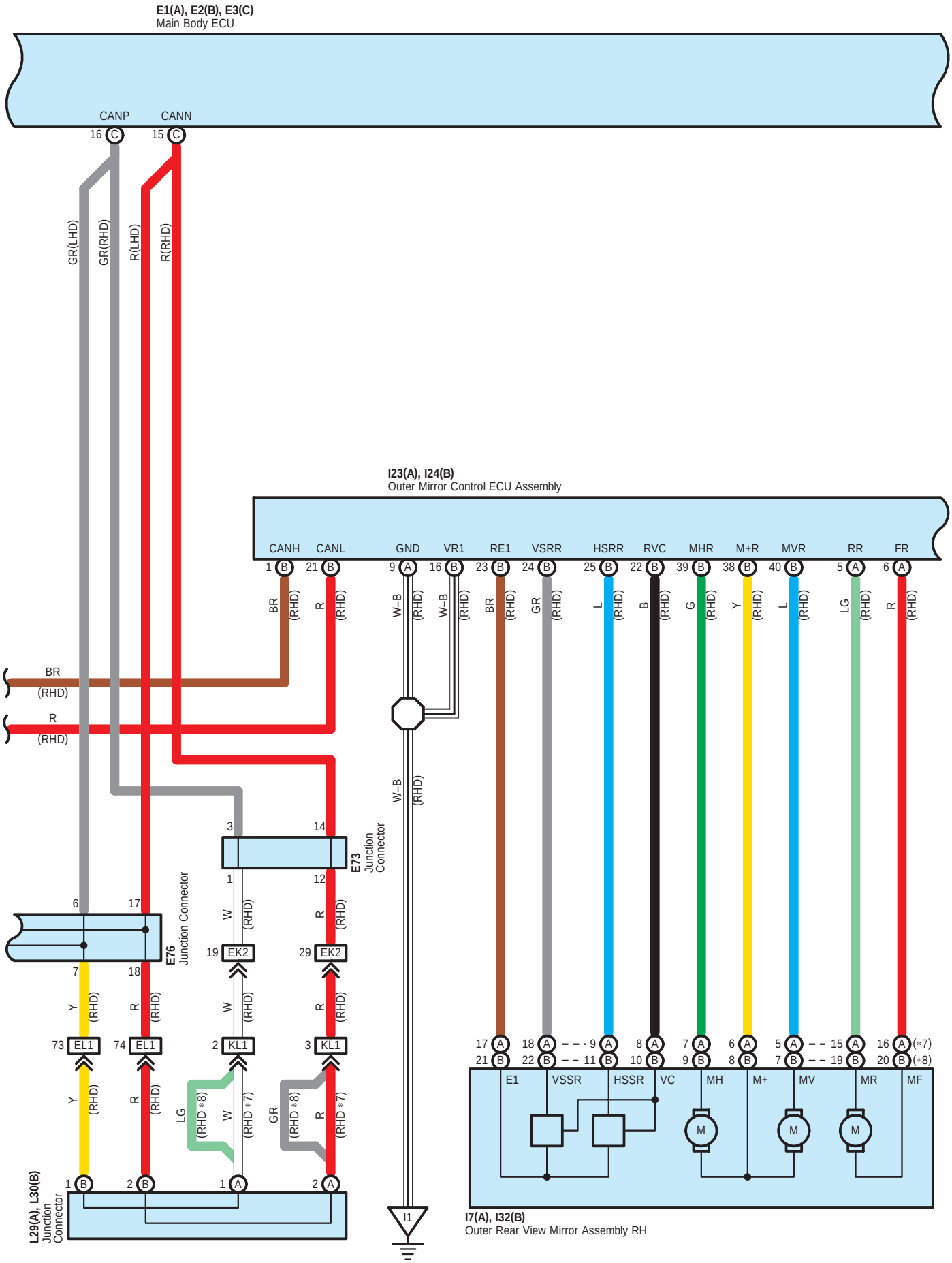

E1(A), E2(B), E3(C)
Main Body ECU
(ACC)
(BAT)
7. 5A
ACC
15A
MIR
8 2D
54 2D
R (LHD)
14 IE4
R (LHD)
3 A
B
GR (LHD)
48 A
77 A
E61(A)
Junction
Connector
I17(A), I18(B)
Outer Mirror Control ECU Assembly
ACC
LE1
VSR
HSRL
LVC
MHL
M+L
MVL
RL
FL
GND
VR1
4 A
3 B
4 B
5 B
2 B
19 B
18 B
20 B
1 A
2 A
9 A
16 B
GR (LHD)
BR (LHD)
GR (LHD)
L (LHD)
B (LHD)
G (LHD)
Y (LHD)
L (LHD)
LG (LHD)
SB (LHD)
W–B (LHD)
W–B (LHD)
47 A (*7)
30 A (*8)
E60(A)
Junction
Connector
87 A (*7)
50 A (*8)
16 IE4
GR (LHD)
W–B (LHD)
17 A 18 A 9 A 8 A 7 A 6 A 5 A 15 A 16 A (*7)
21 B 22 B 11 B 10 B 9 B 8 B 7 B 19 B 20 B (*8)
E1
VSRL
HSRL
VC
MH
M+
MV
MR
MF
M
M
M
I15(A), I35(B)
Outer Rear View Mirror Assembly LH
I2

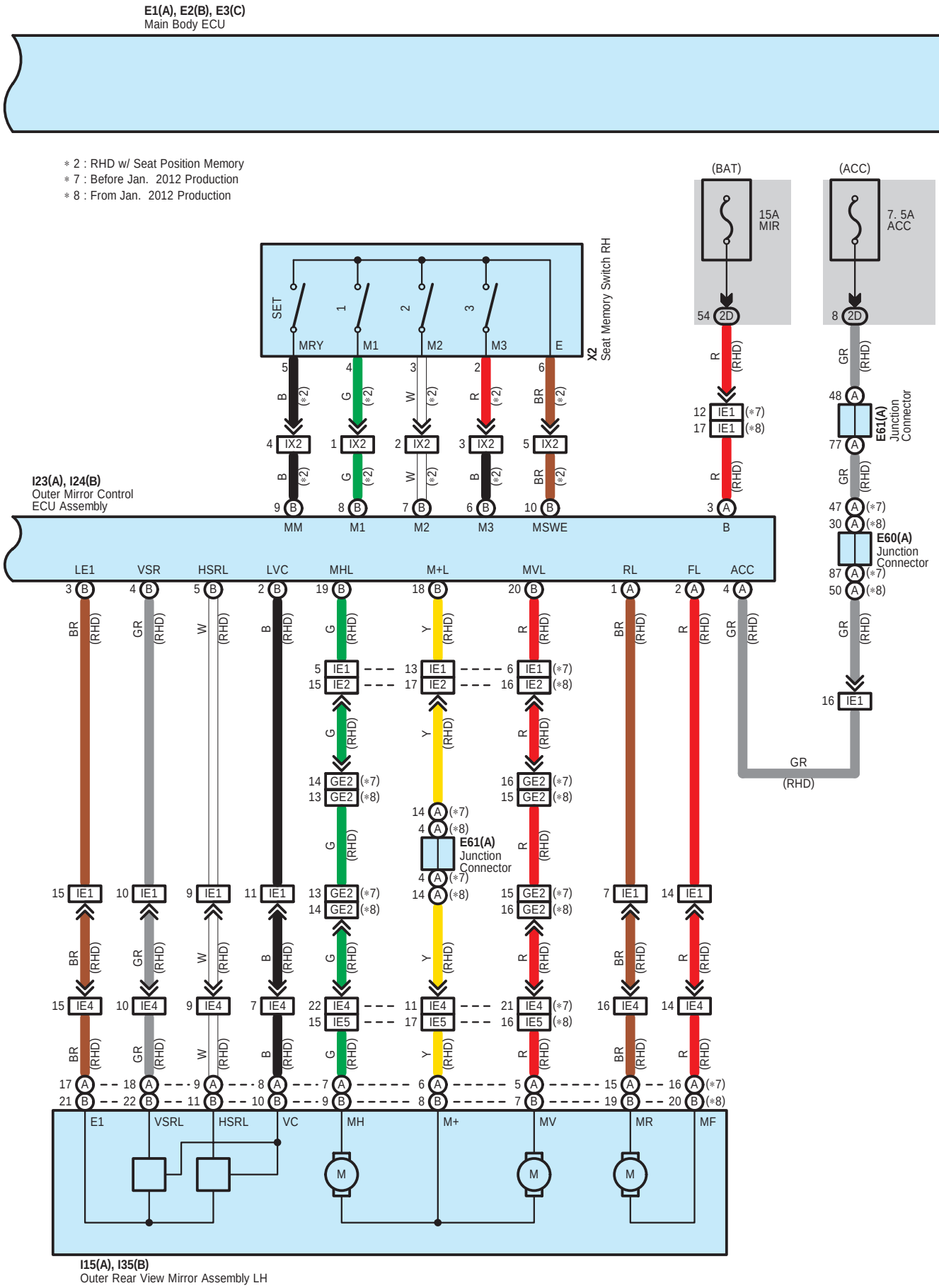
E1(A), E2(B), E3(C)
Main Body ECU

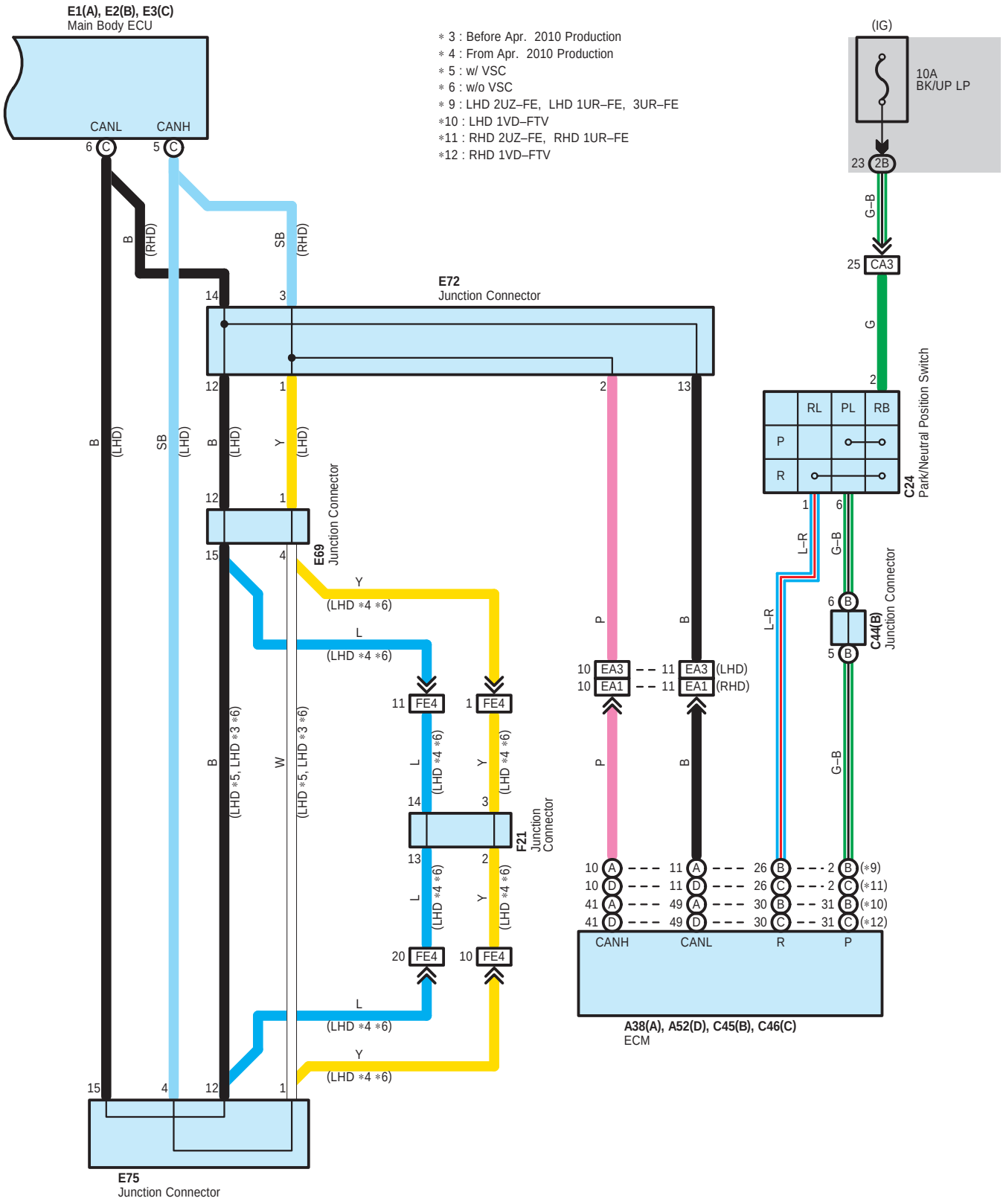
＊1 : LHD w/ Seat Position Memory
＊7 : Before Jan. 2012 Production
＊8 : From Jan. 2012 Production



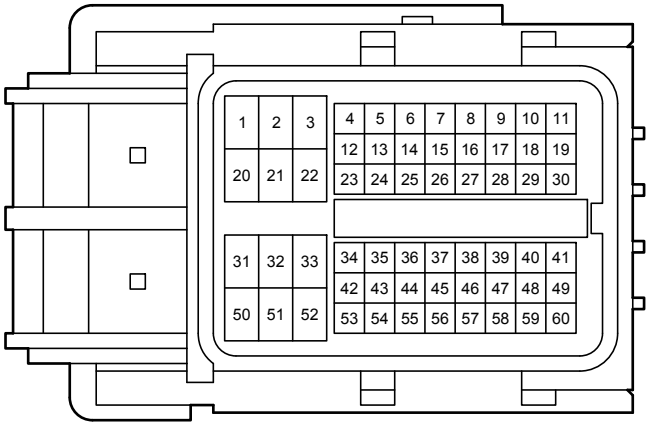
I7(A), I32(B)
Outer Rear View Mirror Assembly RH


E1(A), E2(B), E3(C)
Main Body ECU
CANP
CANN
16 C
15 C
GR(LHD)
GR(RHD)
R(LHD)
R(RHD)
I23(A), I24(B)
Outer Mirror Control ECU Assembly
CANH
CANL
GND
VR1
RE1
VSRR
HSRR
RVC
MHR
M+R
MVR
RR
FR
1 B
21 B
9 A
16 B
23 B
24 B
25 B
22 B
39 B
38 B
40 B
5 A
6 A
BR (RHD)
R (RHD)
W–B (RHD)
W–B (RHD)
BR (RHD)
GR (RHD)
L (RHD)
B (RHD)
G (RHD)
Y (RHD)
L (RHD)
LG (RHD)
R (RHD)
BR (RHD)
R (RHD)
W–B (RHD)
E73 Junction Connector
3
14
1
12
W (RHD)
R (RHD)
E76 Junction Connector
6
17
19 EK2
29 EK2
7
18
Y (RHD)
R (RHD)
W (RHD)
R (RHD)
73 EL1
74 EL1
2 KL1
3 KL1
Y (RHD)
R (RHD)
LG (RHD *8)
W (RHD *7)
GR (RHD *8)
R (RHD *7)
L29(A), L30(B) Junction Connector
1 B
2 B
1 A
2 A
I1
17 A
21 B
18 A
22 B
9 A
11 B
8 A
10 B
7 A
9 B
6 A
8 B
5 A
7 B
15 A
19 B
16 A (*7)
20 B (*8)
E1
VSSR
HSSR
VC
MH
M+
MV
MR
MF
M
I7(A), I32(B)
Outer Rear View Mirror Assembly RH

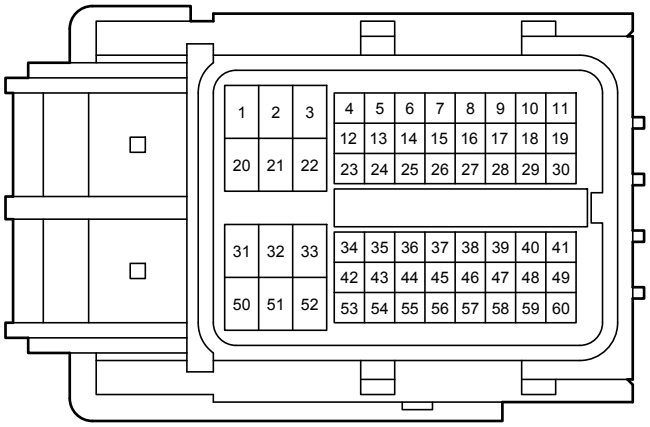

E1(A), E2(B), E3(C)
Main Body ECU
* 2 : RHD w/ Seat Position Memory
* 7 : Before Jan. 2012 Production
* 8 : From Jan. 2012 Production
(BAT)
(ACC)
15A MIR
7. 5A ACC
SET
MRY
M1
M2
M3
E
X2
Seat Memory Switch RH
I23(A), I24(B)
Outer Mirror Control ECU Assembly
MM
MSWE
B
E61(A)
Junction Connector
E60(A)
Junction Connector
LE1
VSR
HSRL
LVC
MHL
M+L
MVL
RL
FL
ACC
E1
VSRL
HSRL
VC
MH
M+
MV
MR
MF
I15(A), I35(B)
Outer Rear View Mirror Assembly LH


E1(A), E2(B), E3(C)
Main Body ECU
CANL
CANH
6 C
5 C
∗ 3 : Before Apr. 2010 Production
∗ 4 : From Apr. 2010 Production
∗ 5 : w/ VSC
∗ 6 : w/o VSC
∗ 9 : LHD 2UZ–FE, LHD 1UR–FE, 3UR–FE
∗10 : LHD 1VD–FTV
∗11 : RHD 2UZ–FE, RHD 1UR–FE
∗12 : RHD 1VD–FTV
(IG)
10A
BK/UP LP
23 2B
G–B
25 CA3
G
2
RL
PL
RB
P
R
C24
Park/Neutral Position Switch
1
6
L–R
G–B
6 B
5 B
C44(B)
Junction Connector
E72
Junction Connector
14
3
12
1
2
13
B (LHD)
SB (LHD)
B (LHD)
Y (LHD)
B (RHD)
SB (RHD)
12
1
15
4
E69
Junction Connector
Y
(LHD ∗4 ∗6)
L
(LHD ∗4 ∗6)
B
(LHD ∗5, LHD ∗3 ∗6)
W
(LHD ∗5, LHD ∗3 ∗6)
11 FE4
1 FE4
L
(LHD ∗4 ∗6)
Y
(LHD ∗4 ∗6)
14
3
F21
Junction
Connector
13
2
L
(LHD ∗4 ∗6)
Y
(LHD ∗4 ∗6)
20 FE4
10 FE4
L
(LHD ∗4 ∗6)
Y
(LHD ∗4 ∗6)
15
4
12
1
E75
Junction Connector
P
B
10 EA3
10 EA1
11 EA3 (LHD)
11 EA1 (RHD)
P
B
10 A
10 D
41 A
41 D
11 A
11 D
49 A
49 D
26 B
26 C
30 B
30 C
2 B (∗9)
2 C (∗11)
31 B (∗10)
31 C (∗12)
CANH
CANL
R
P
A38(A), A52(D), C45(B), C46(C)
ECM

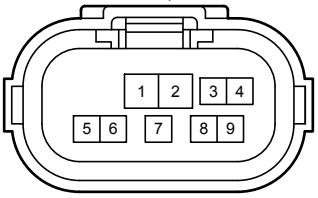
A 38
Black



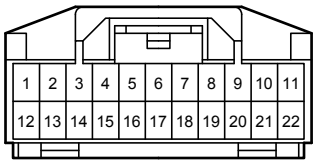
A 52
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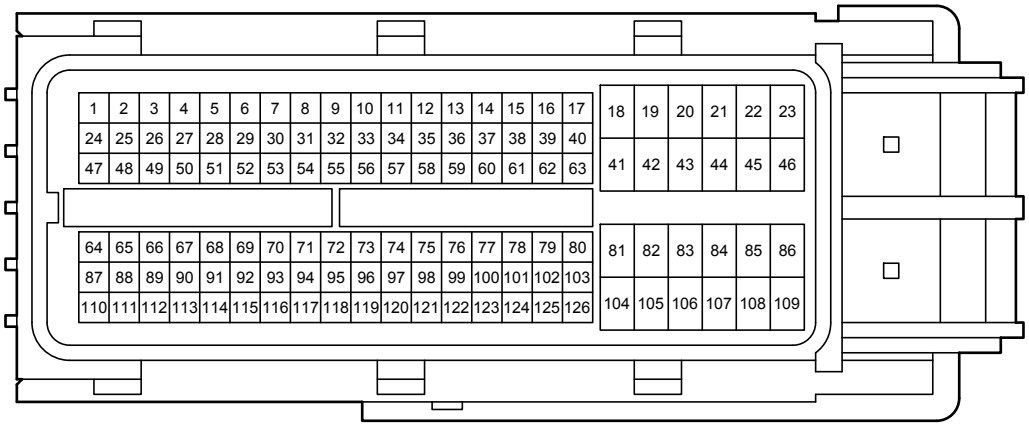
C 24
Gray



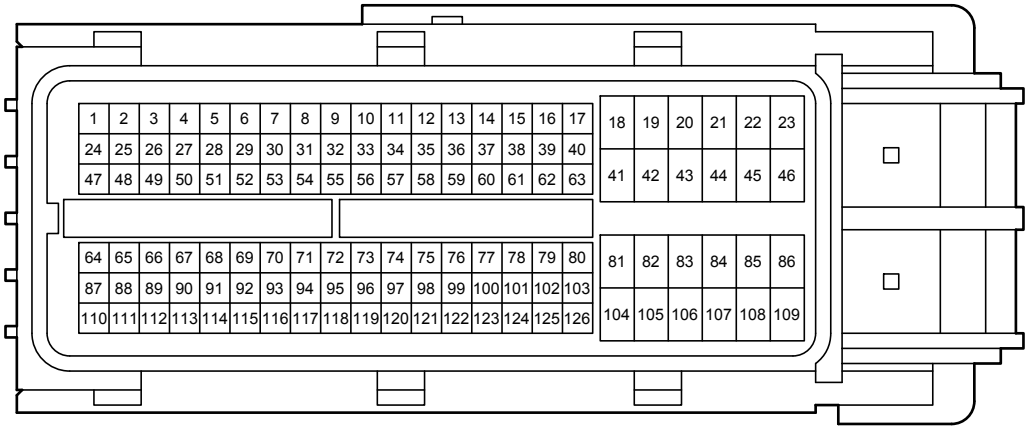
C 44
Blue



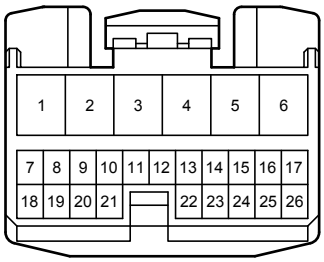
C 45
Black



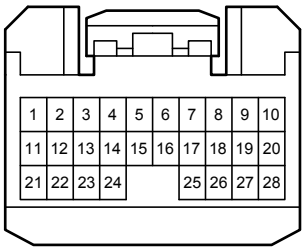
C 46
Black



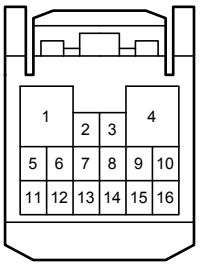
E 1
White



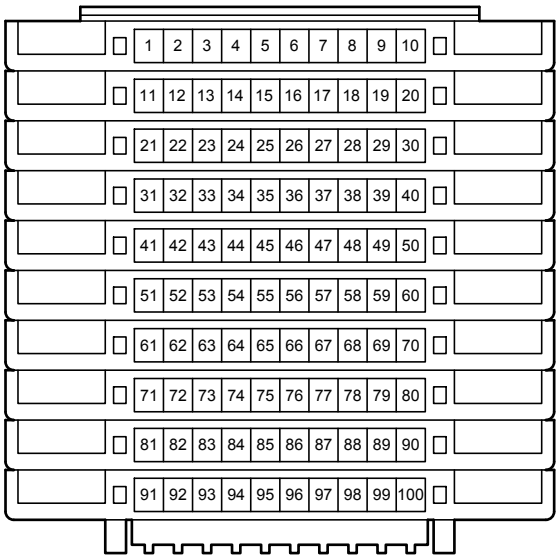
E 2
White



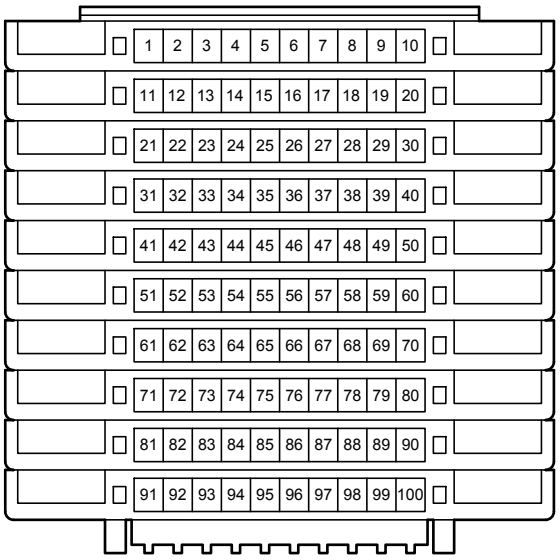
E 3
White



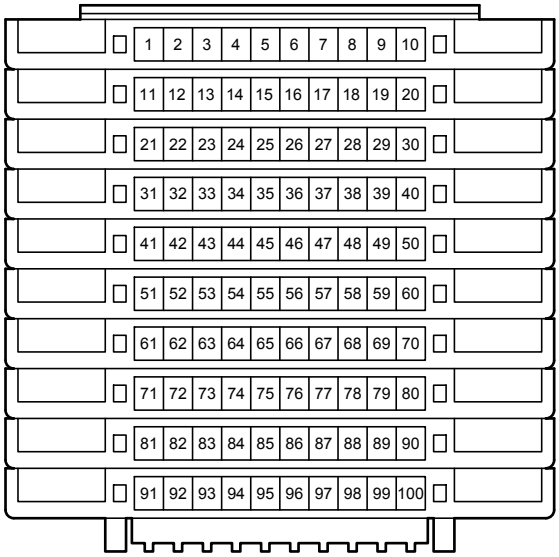
E 59



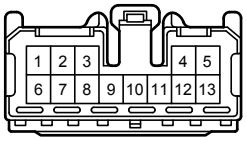
E 60



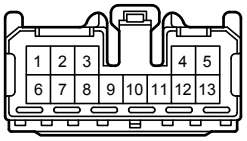
E 61



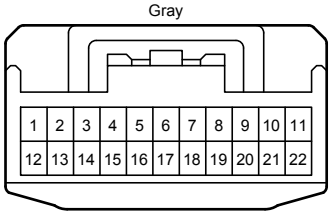
E 62
White



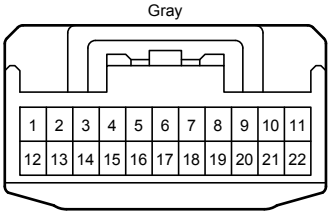
E 67
White



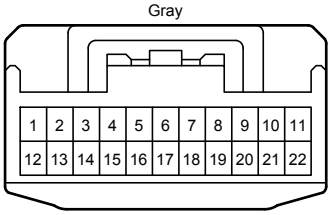
E 69
Gray



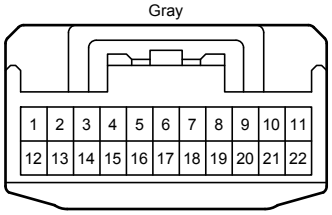
E 72
Gray



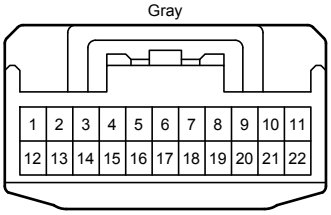
E 73
Gray



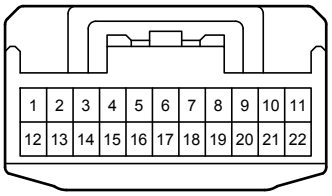
E 75
Gray



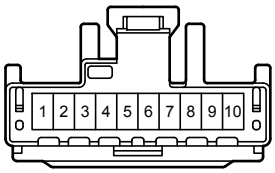
E 76
Gray



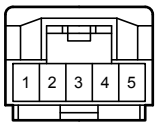
F 21
Black



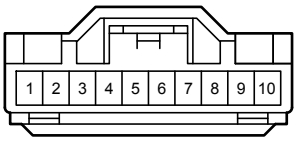
G 1
Black



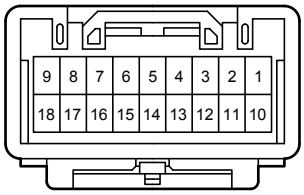
G 2
Black



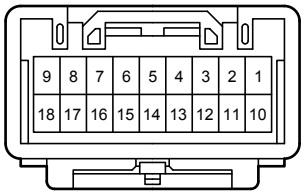
G 16
Black



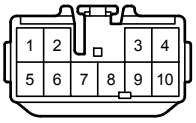
I 7
White



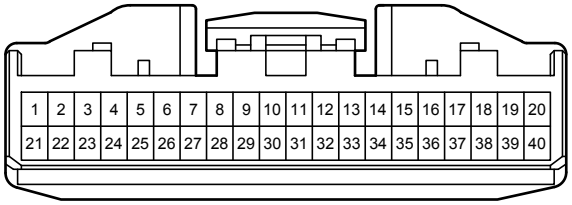
I 15
White



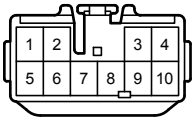
I 17
White



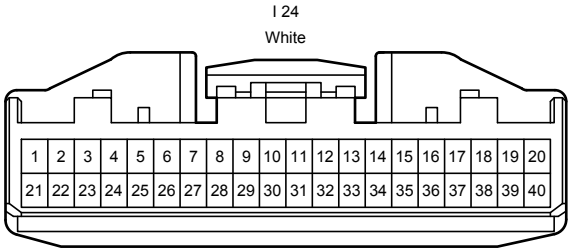
I 18
White



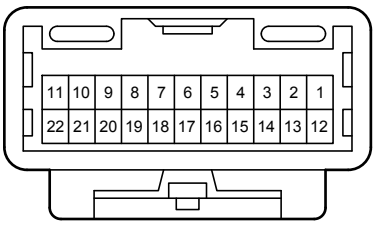
I 23
White



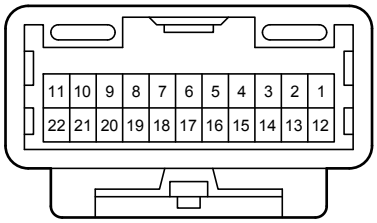
I 24
White



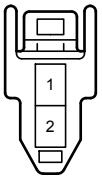
I 32
White



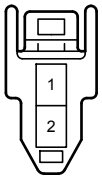
I 35
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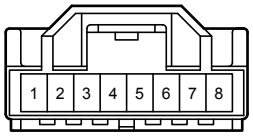
L 29
White



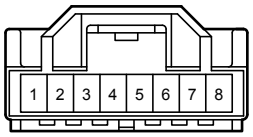
L 30
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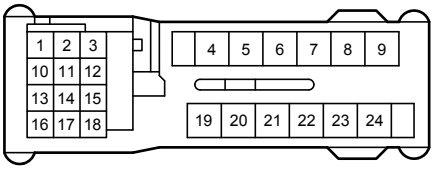
X 1
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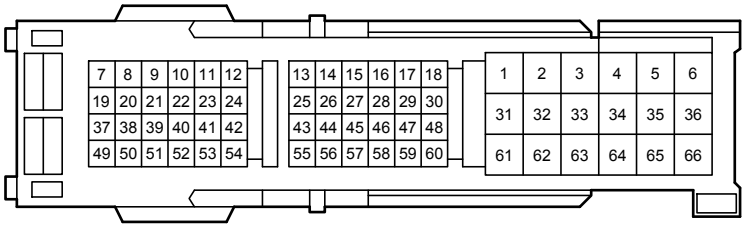
X 2
Black



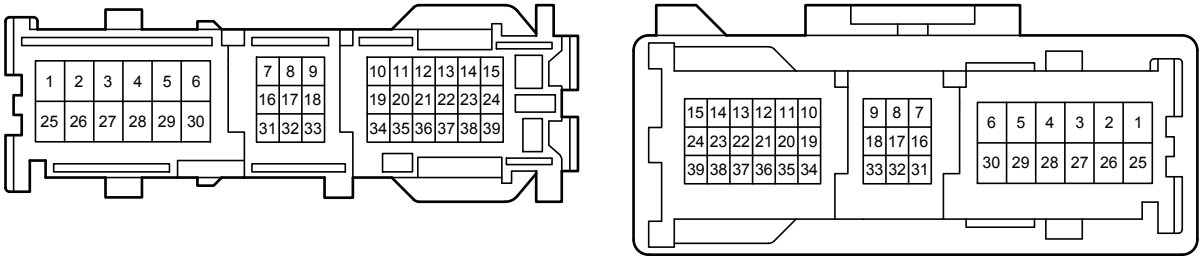
2B
White



2D
White

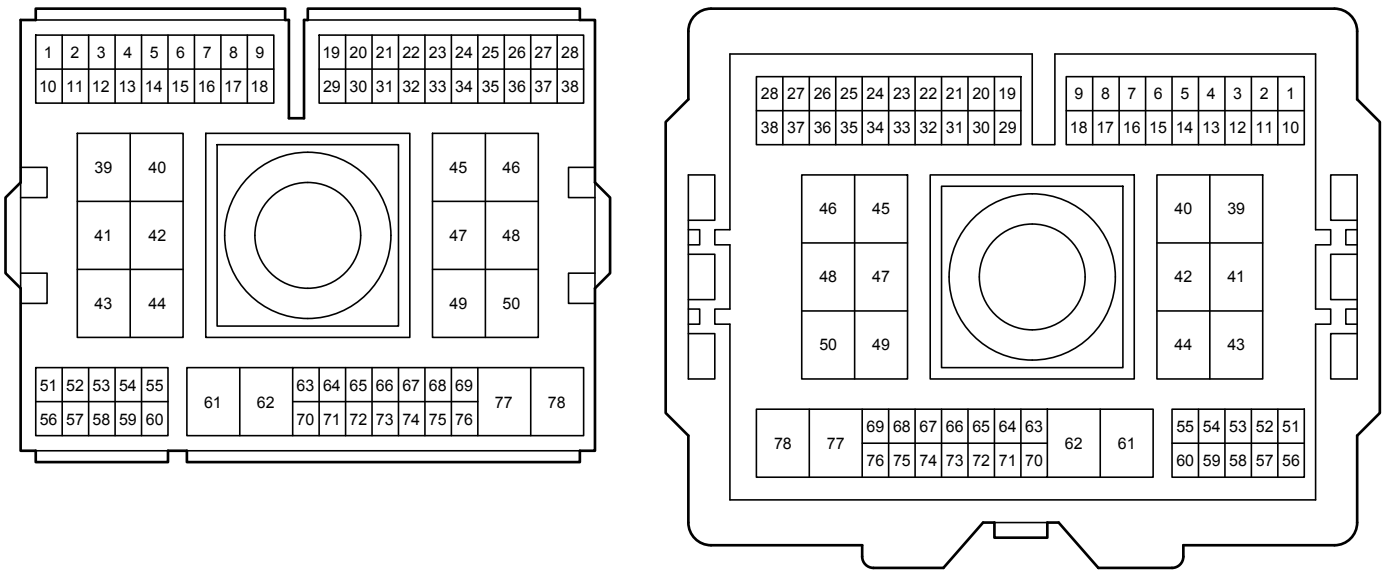


CA3
White



EA1

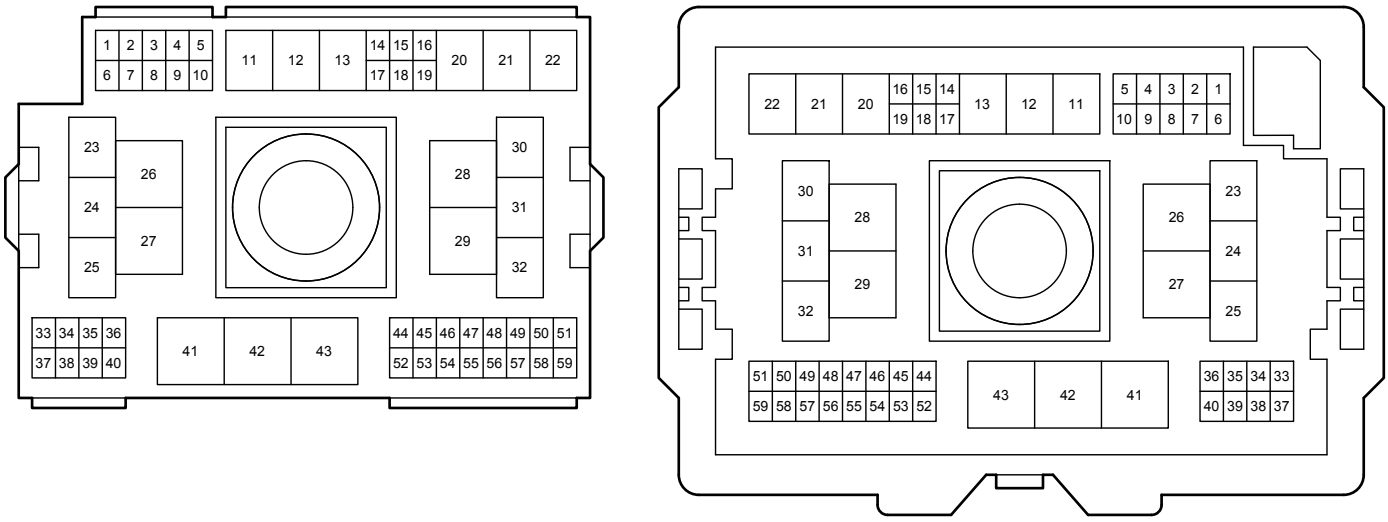
White



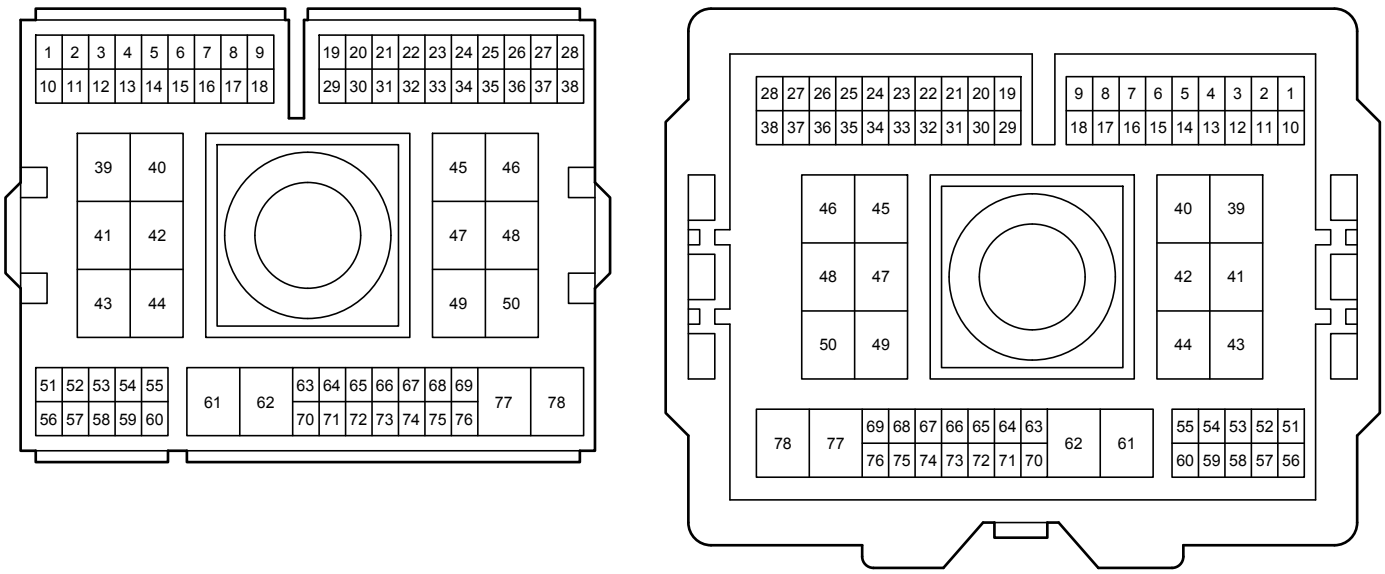
EA2

White

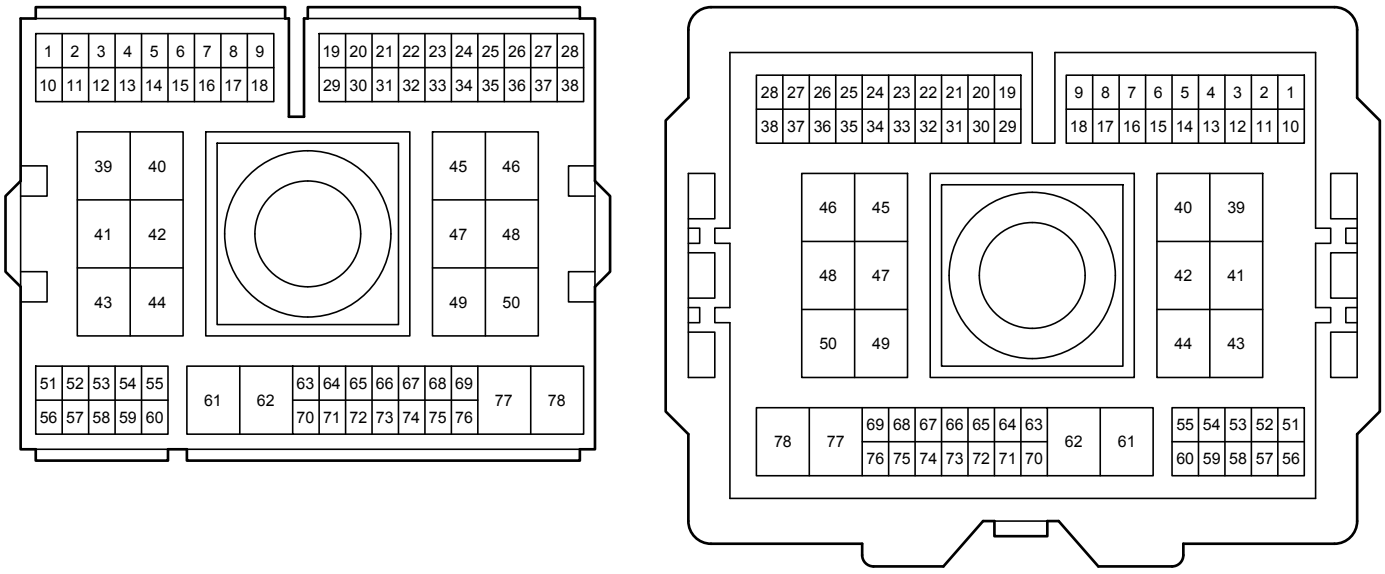
Gray



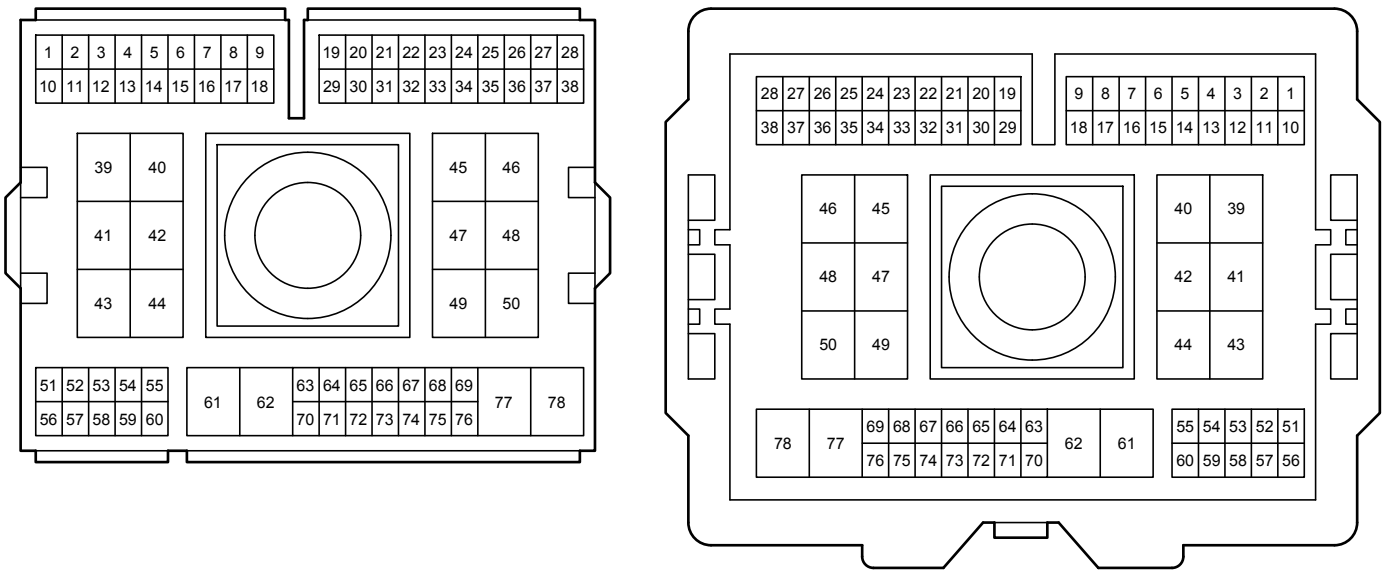
EA3
White



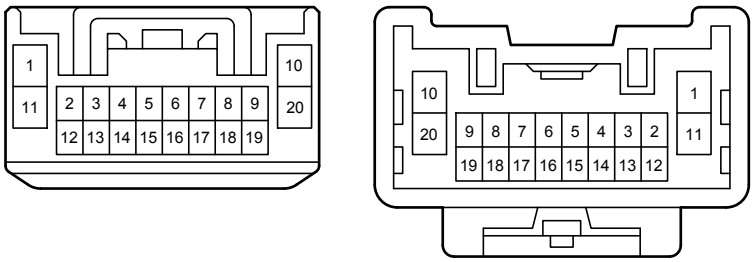
EK2
White



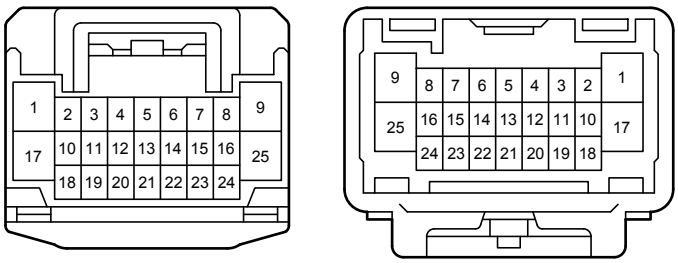
EL1
White



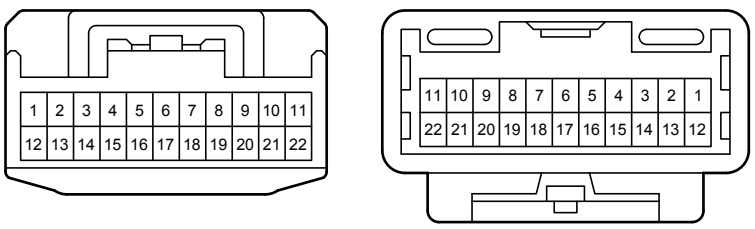
FE4
White



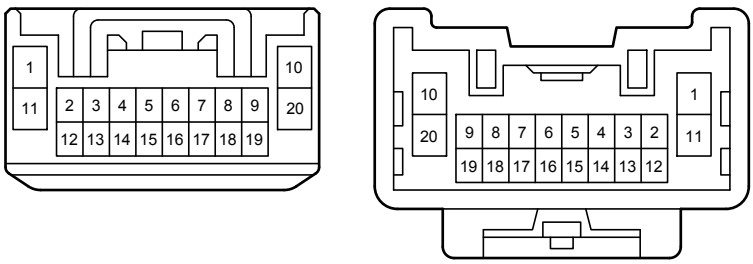
GE2
White



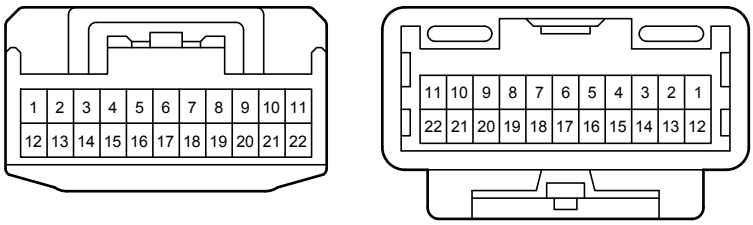
IE1
Gray



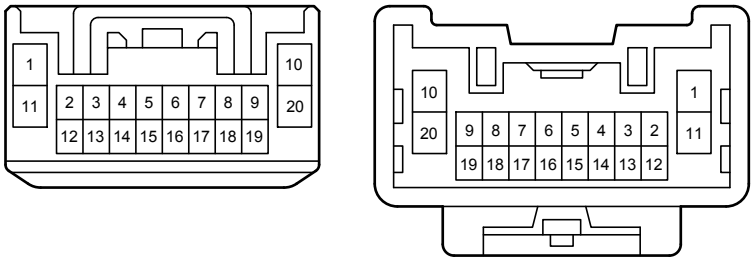
IE2
Blue



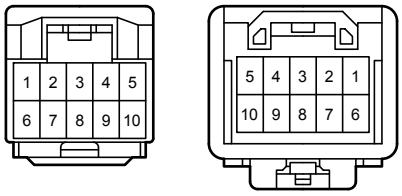
IE4
Gray



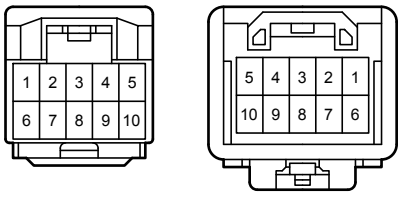
IE5
Blue



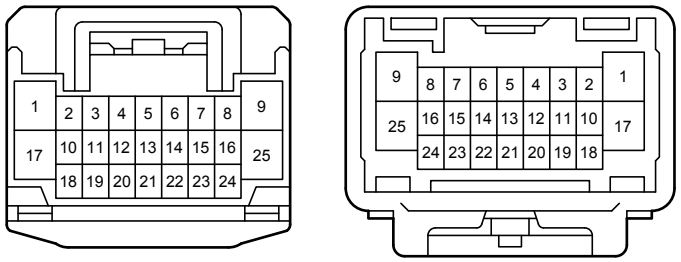
IX1
White

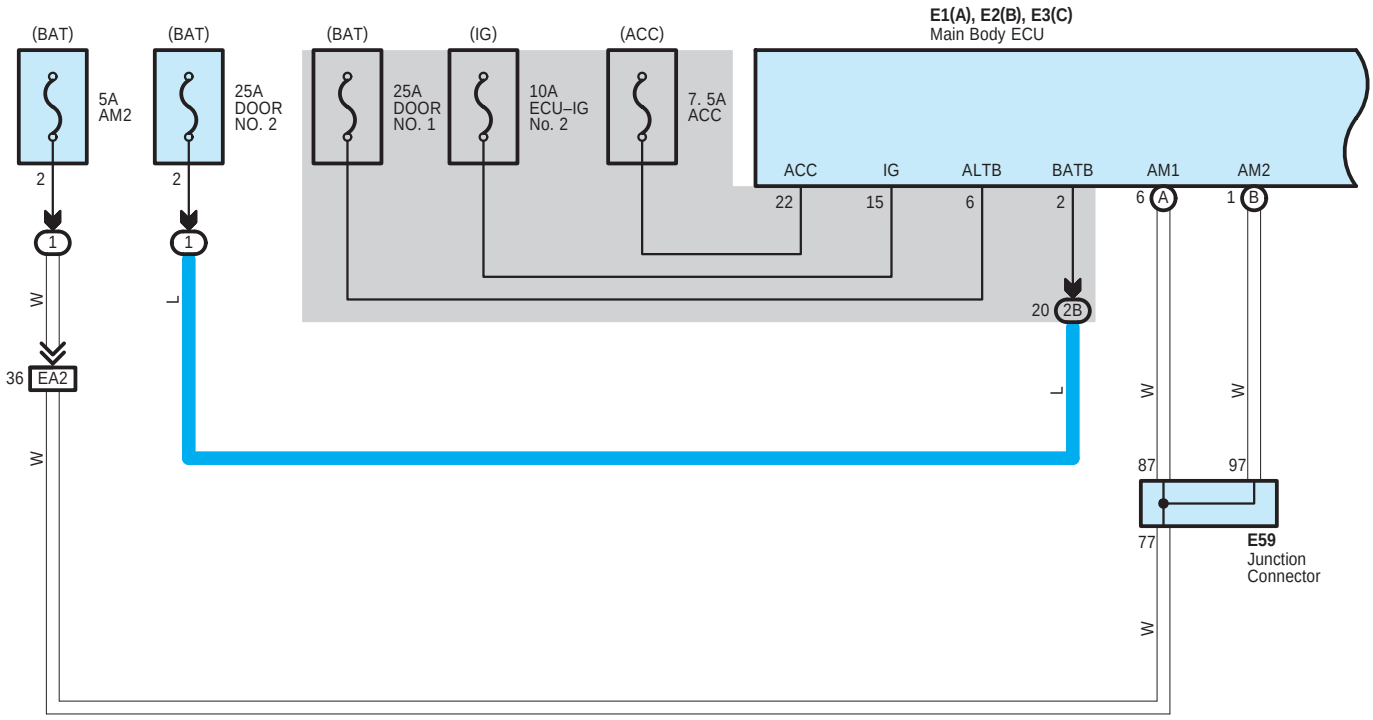


IX2
White

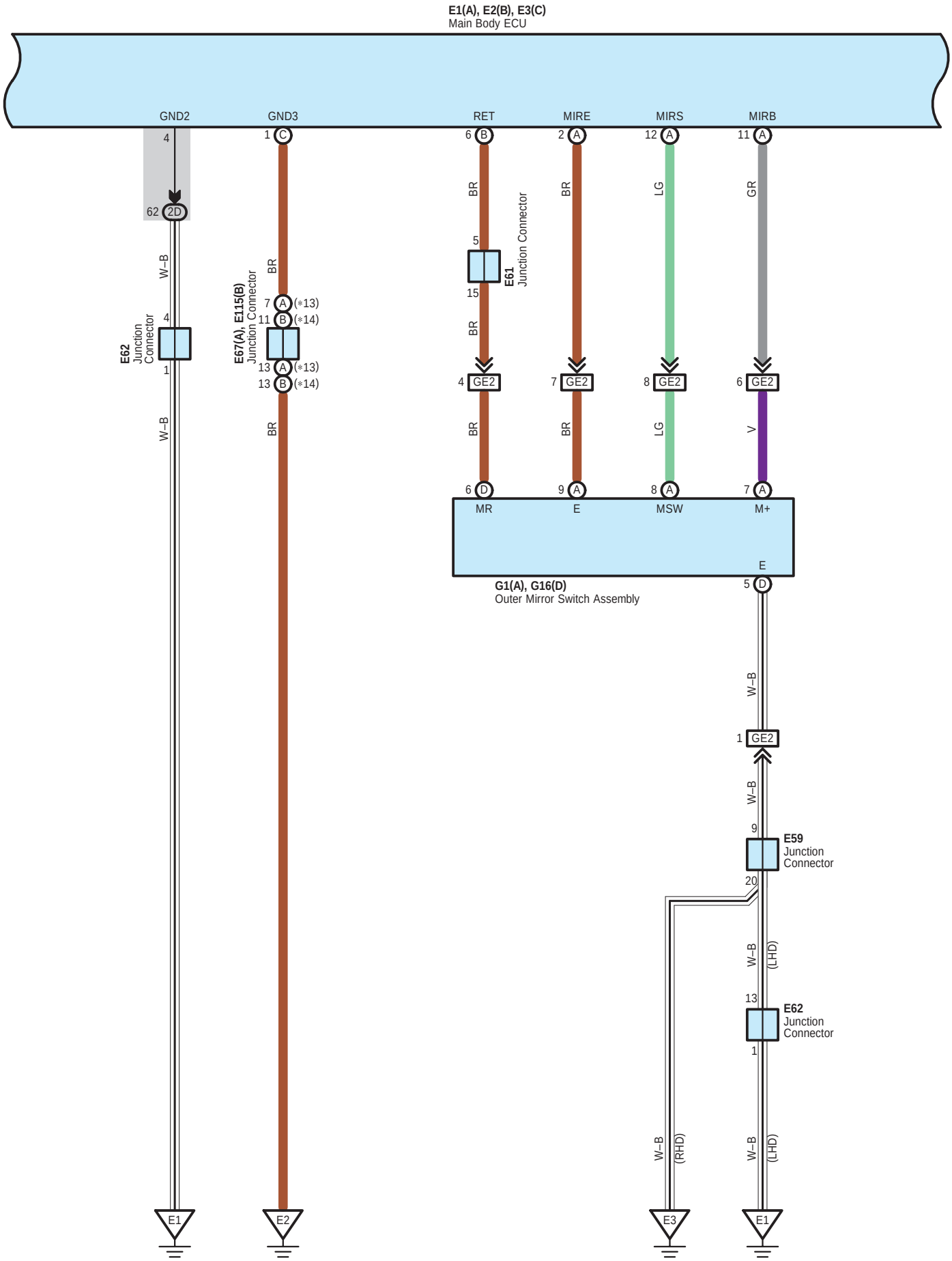


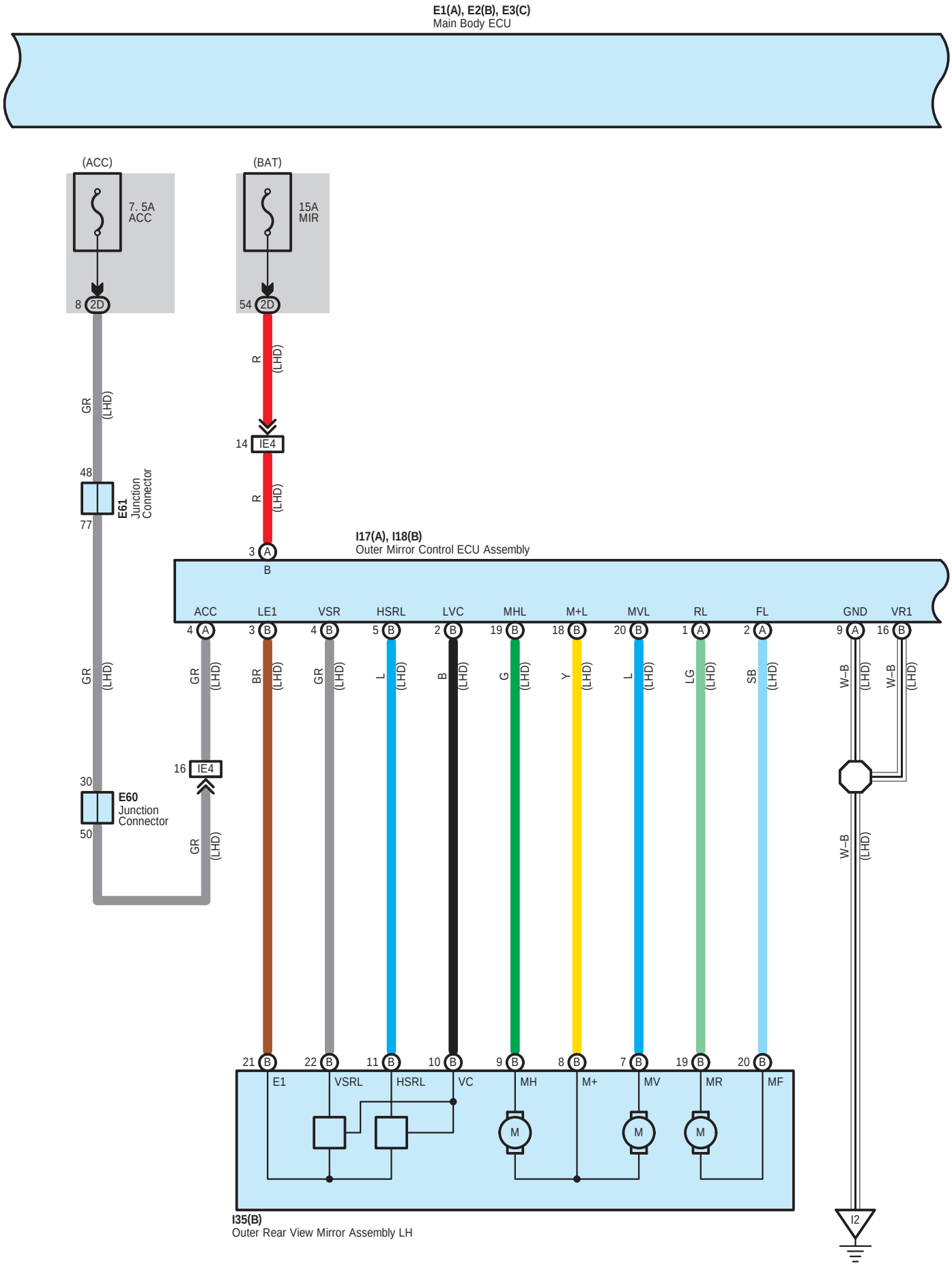
KL1
White





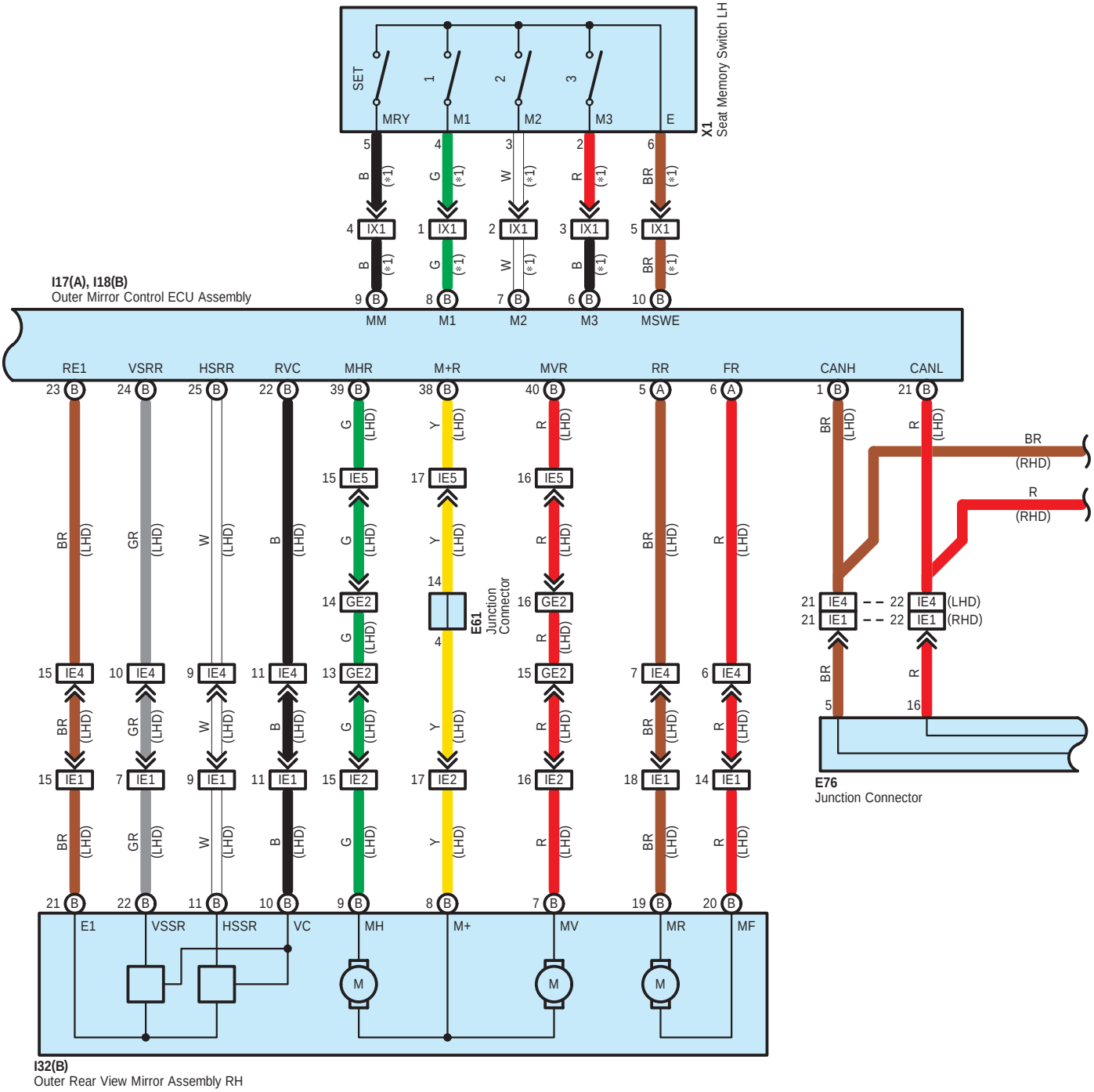
∗13 : LHD Before Aug. 2013 Production, RHD
∗14 : LHD From Aug. 2013 Production

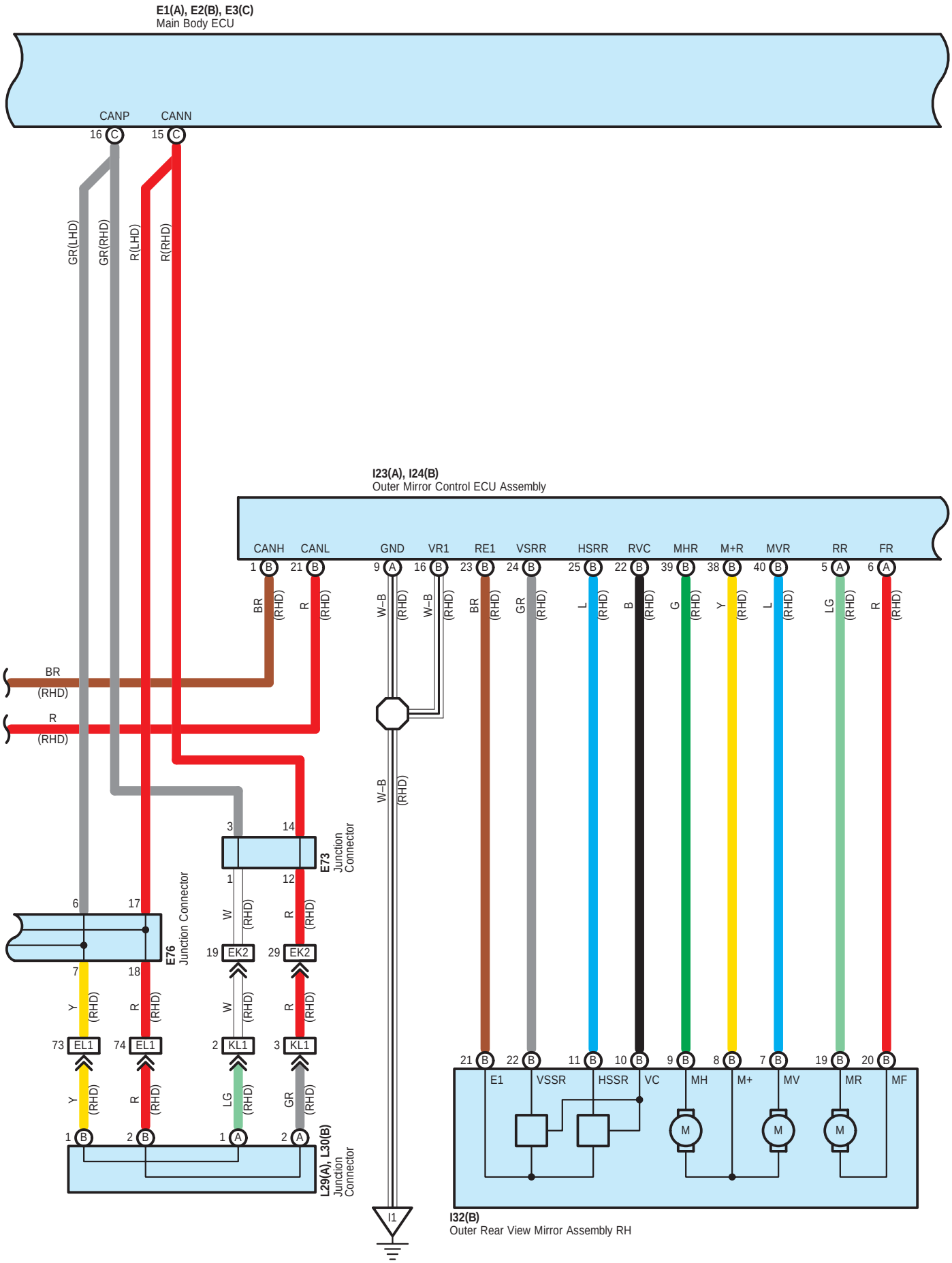

E1(A), E2(B), E3(C)
Main Body ECU
GND2
GND3
RET
MIRE
MIRS
MIRB
4
62 2D
W–B
E62
Junction Connector
4
1
W–B
1 C
BR
E67(A), E115(B)
Junction Connector
7 A (*13)
11 B (*14)
13 A (*13)
13 B (*14)
BR
6 B
BR
5
E61
Junction Connector
15
BR
4 GE2
BR
6 D
MR
2 A
BR
7 GE2
BR
9 A
E
12 A
LG
8 GE2
LG
8 A
MSW
11 A
GR
6 GE2
V
7 A
M+
E
5 D
G1(A), G16(D)
Outer Mirror Switch Assembly
W–B
1 GE2
W–B
9
E59
Junction Connector
20
W–B
(LHD)
13
E62
Junction Connector
1
W–B
(RHD)
W–B
(LHD)
E1
E2
E3
E1

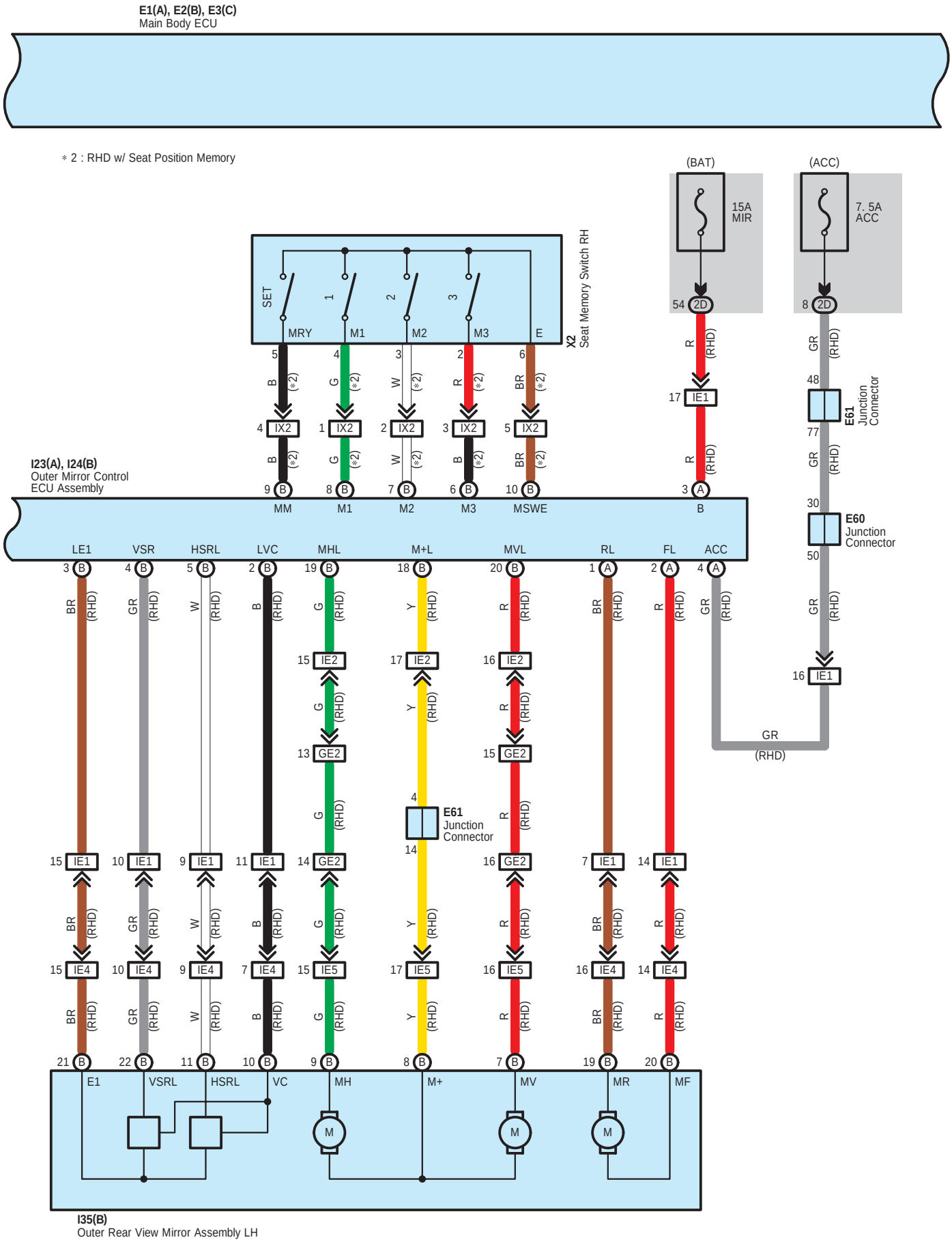

E1(A), E2(B), E3(C)
Main Body ECU
(ACC)
(BAT)
7. 5A
ACC
15A
MIR
8 2D
54 2D
R (LHD)
14 IE4
R (LHD)
3 A B
I17(A), I18(B)
Outer Mirror Control ECU Assembly
GR (LHD)
48
77
E61
Junction
Connector
ACC LE1 VSR HSRL LVC MHL M+L MVL RL FL GND VR1
4 A 3 B 4 B 5 B 2 B 19 B 18 B 20 B 1 A 2 A 9 A 16 B
GR (LHD)
BR (LHD)
GR (LHD)
L (LHD)
B (LHD)
G (LHD)
Y (LHD)
L (LHD)
LG (LHD)
SB (LHD)
W-B (LHD)
W-B (LHD)
16 IE4
30
50
E60
Junction
Connector
GR (LHD)
W-B (LHD)
21 B 22 B 11 B 10 B 9 B 8 B 7 B 19 B 20 B
E1 VSRL HSRL VC MH M+ MV MR MF
M M M
I35(B)
Outer Rear View Mirror Assembly LH
I2

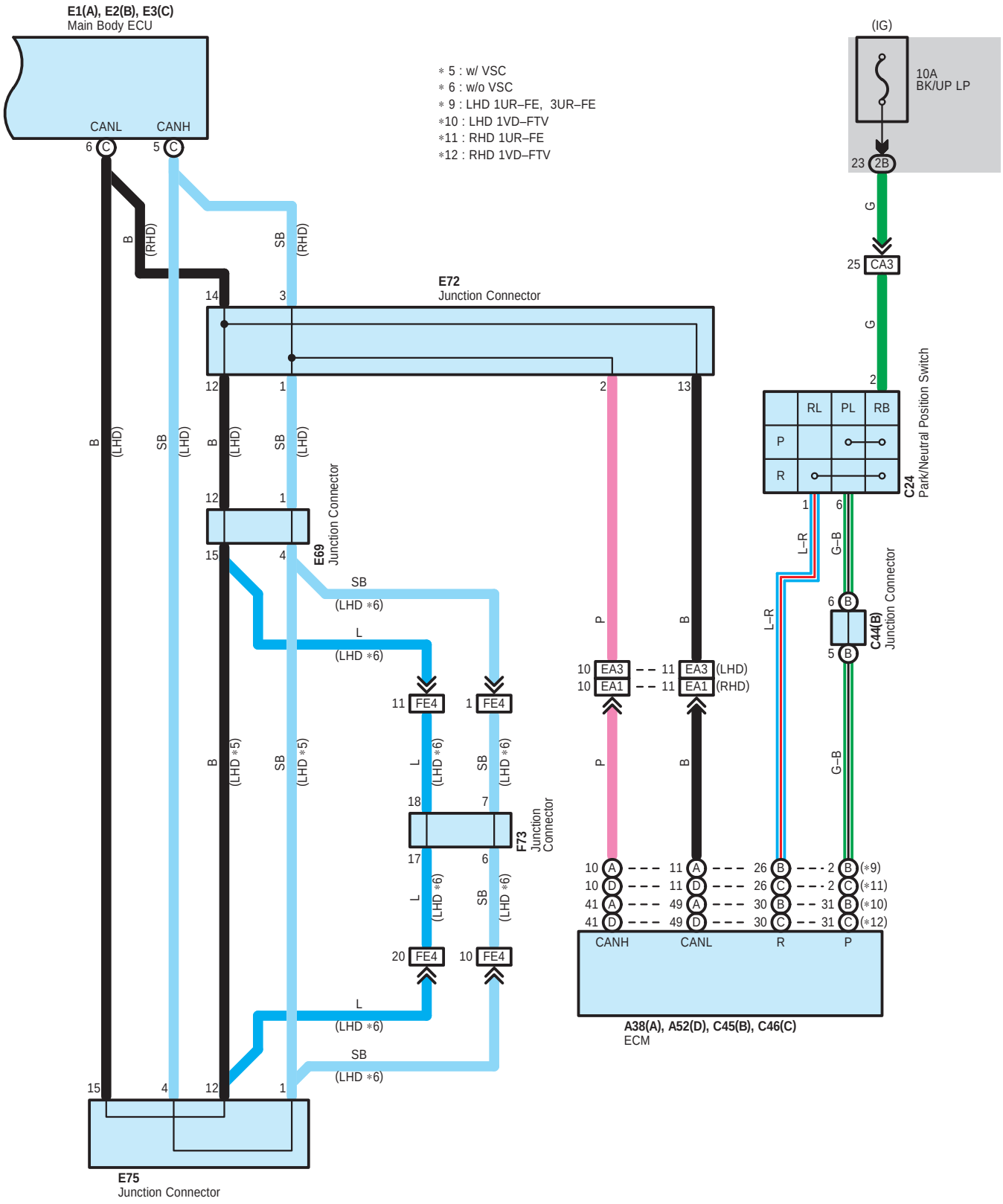
E1(A), E2(B), E3(C)
Main Body ECU

＊1 : LHD w/ Seat Position Memory

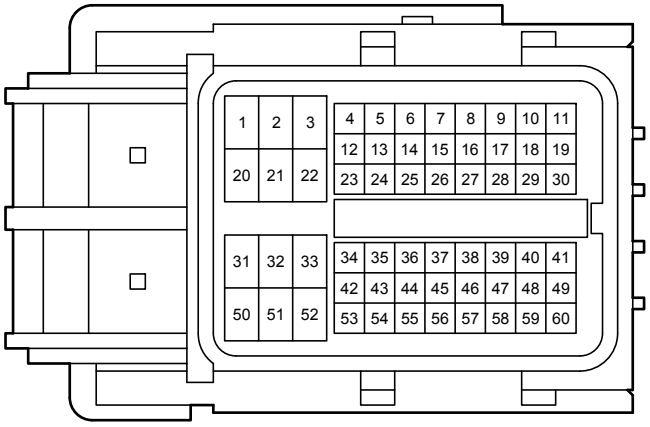



E1(A), E2(B), E3(C)
Main Body ECU
CANP
CANN
16 C
15 C
GR(LHD)
GR(RHD)
R(LHD)
R(RHD)
I23(A), I24(B)
Outer Mirror Control ECU Assembly
CANH
CANL
GND
VR1
RE1
VSRR
HSRR
RVC
MHR
M+R
MVR
RR
FR
1 B
21 B
9 A
16 B
23 B
24 B
25 B
22 B
39 B
38 B
40 B
5 A
6 A
BR (RHD)
R (RHD)
W–B (RHD)
W–B (RHD)
BR (RHD)
GR (RHD)
L (RHD)
B (RHD)
G (RHD)
Y (RHD)
L (RHD)
LG (RHD)
R (RHD)
BR (RHD)
R (RHD)
W–B (RHD)
E73 Junction Connector
3
14
1
12
W (RHD)
R (RHD)
E76 Junction Connector
6
17
19 EK2
29 EK2
7
18
Y (RHD)
R (RHD)
W (RHD)
R (RHD)
73 EL1
74 EL1
2 KL1
3 KL1
Y (RHD)
R (RHD)
LG (RHD)
GR (RHD)
1 B
2 B
1 A
2 A
L29(A), L30(B) Junction Connector
I1
21 B
22 B
11 B
10 B
9 B
8 B
7 B
19 B
20 B
E1
VSSR
HSSR
VC
MH
M+
MV
MR
MF
M
M
M
I32(B)
Outer Rear View Mirror Assembly RH

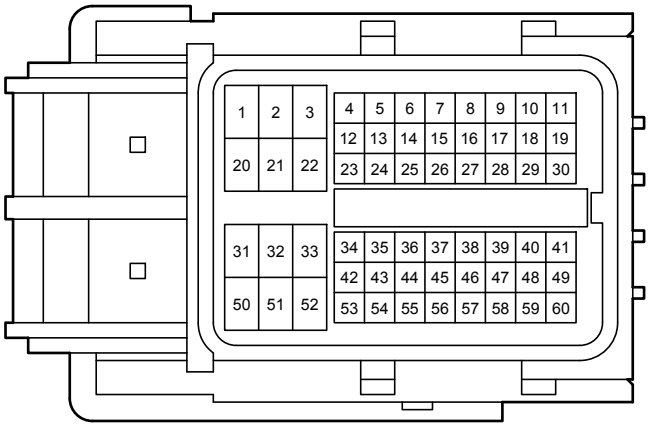

E1(A), E2(B), E3(C)
Main Body ECU
* 2 : RHD w/ Seat Position Memory
(BAT)
(ACC)
15A MIR
7. 5A ACC
SET
MRY
M1
M2
M3
E
X2
Seat Memory Switch RH
I23(A), I24(B)
Outer Mirror Control ECU Assembly
MM
MSWE
B
E61
Junction Connector
E60
Junction Connector
LE1
VSR
HSRL
LVC
MHL
M+L
MVL
RL
FL
ACC
E1
VSRL
HSRL
VC
MH
M+
MV
MR
MF
I35(B)
Outer Rear View Mirror Assembly LH


E1(A), E2(B), E3(C)
Main Body ECU
CANL
CANH
6 C
5 C
∗ 5 : w/ VSC
∗ 6 : w/o VSC
∗ 9 : LHD 1UR–FE, 3UR–FE
∗10 : LHD 1VD–FTV
∗11 : RHD 1UR–FE
∗12 : RHD 1VD–FTV
(IG)
10A
BK/UP LP
23 2B
G
25 CA3
G
2
E72
Junction Connector
14
3
12
1
2
13
B (RHD)
SB (RHD)
B (LHD)
SB (LHD)
B (LHD)
SB (LHD)
12
1
E69
Junction Connector
15
4
SB
(LHD ∗6)
L
(LHD ∗6)
11 FE4
1 FE4
B (LHD ∗5)
SB (LHD ∗5)
L (LHD ∗6)
SB (LHD ∗6)
18
7
F73
Junction
Connector
17
6
L (LHD ∗6)
SB (LHD ∗6)
20 FE4
10 FE4
L
(LHD ∗6)
SB
(LHD ∗6)
15
4
12
1
E75
Junction Connector
P
B
10 EA3
10 EA1
11 EA3 (LHD)
11 EA1 (RHD)
P
B
10 A
10 D
41 A
41 D
11 A
11 D
49 A
49 D
CANH
CANL
A38(A), A52(D), C45(B), C46(C)
ECM
RL
PL
RB
P
R
C24
Park/Neutral Position Switch
1
6
L–R
G–B
6 B
5 B
C44(B)
Junction Connector
L–R
G–B
26 B
26 C
30 B
30 C
2 B (∗9)
2 C (∗11)
31 B (∗10)
31 C (∗12)
R
P

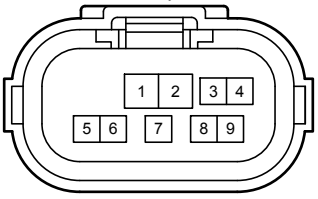
A 38
Black



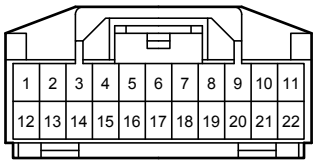
A 52
Black



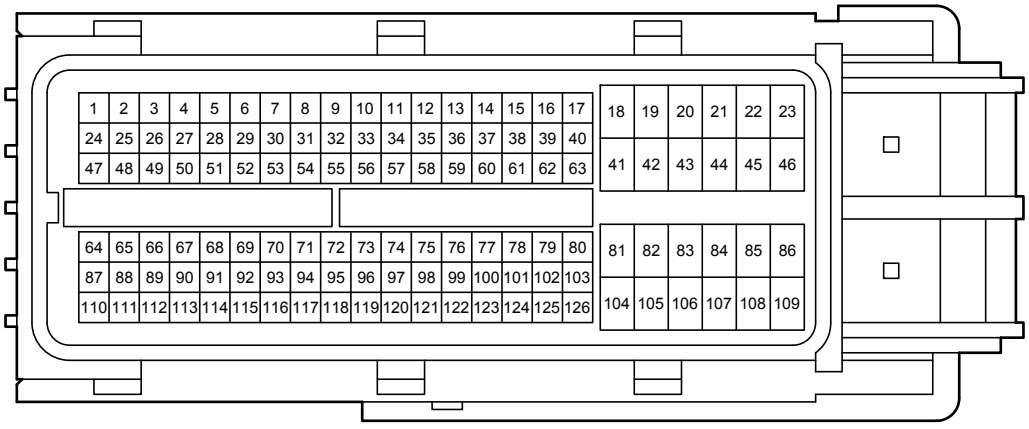
C 24
Gray



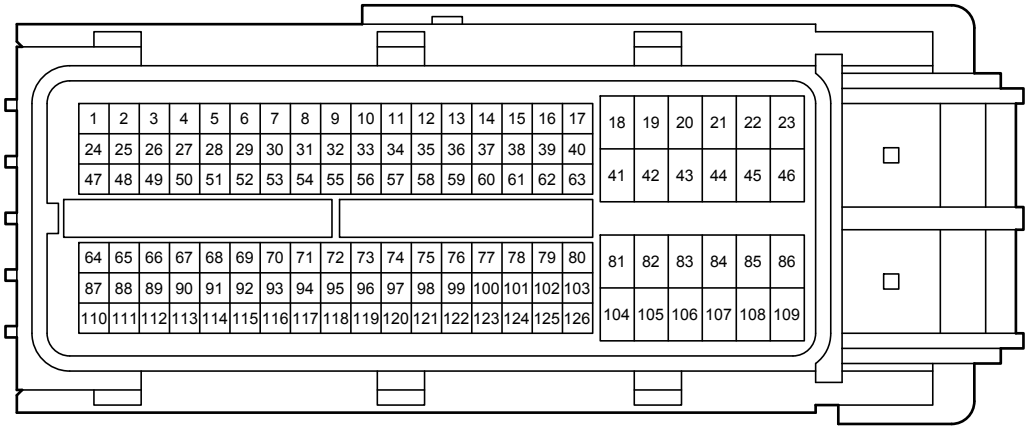
C 44
Blue



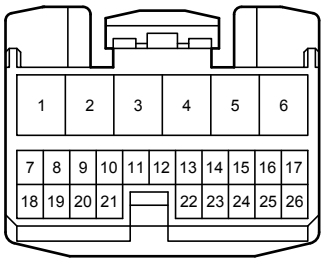
C 45
Black



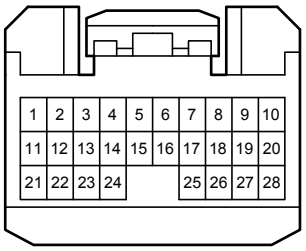
C 46
Black



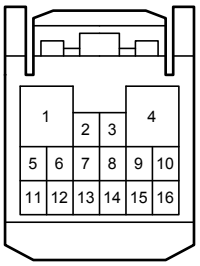
E 1
White



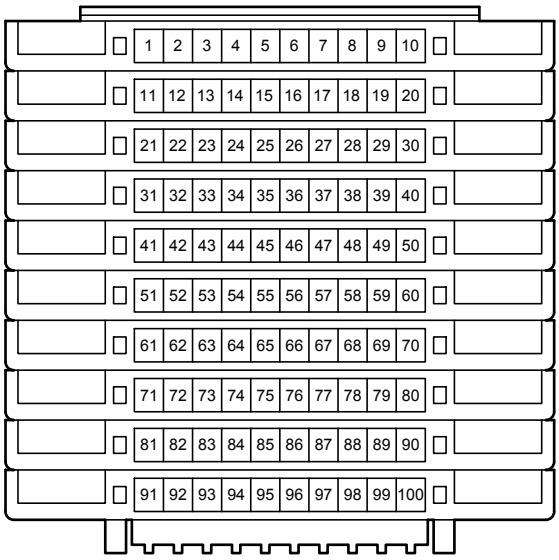
E 2
White



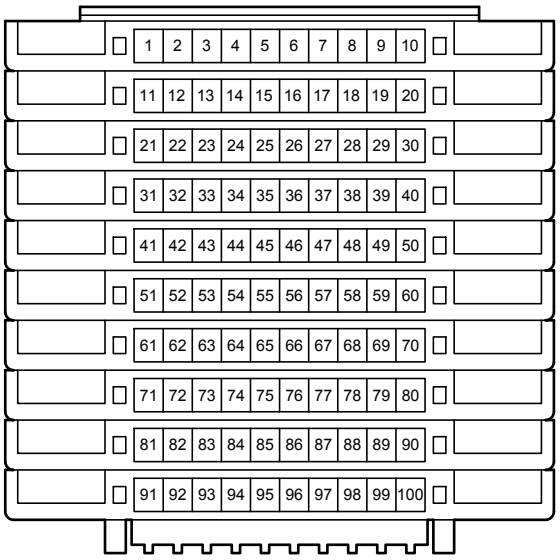
E 3
White



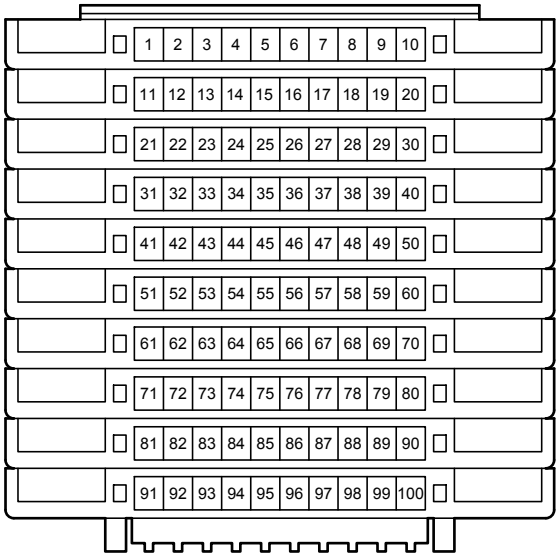
E 59



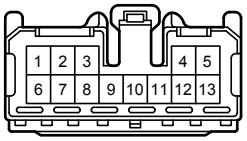
E 60



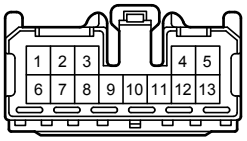
E 61



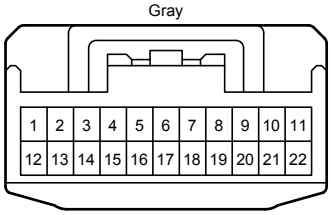
E 62
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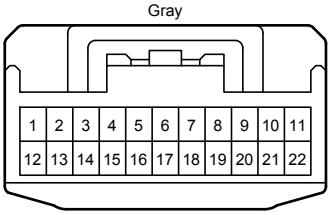
E 67
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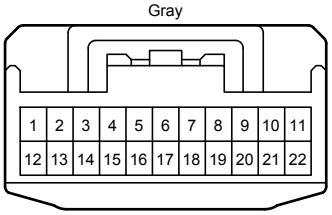
E 69
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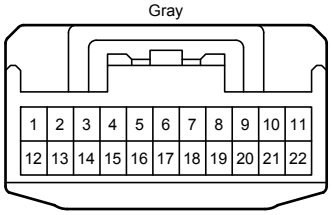
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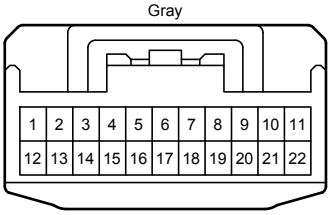
E 73
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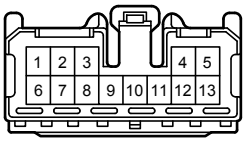
E 75
Gray



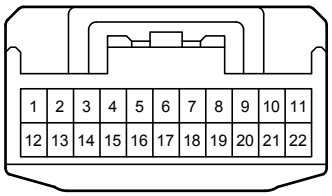
E 76
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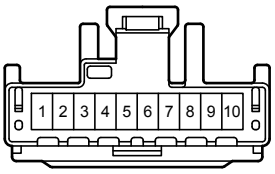
E115
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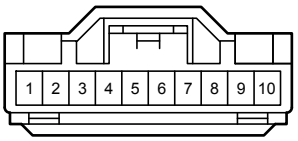
F 73
Blue



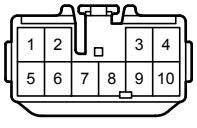
G 1
Black



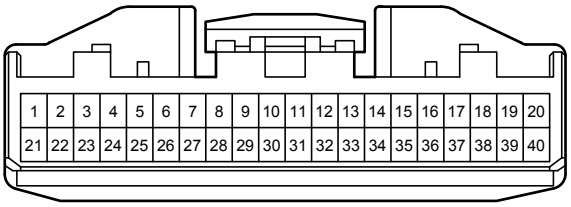
G 16
Black



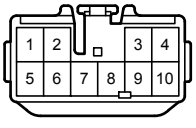
I 17
White



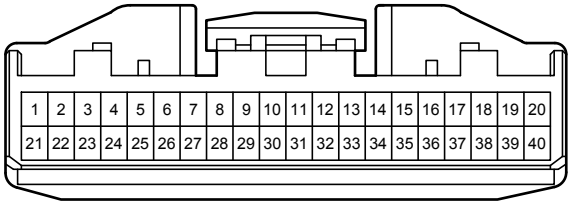
I 18
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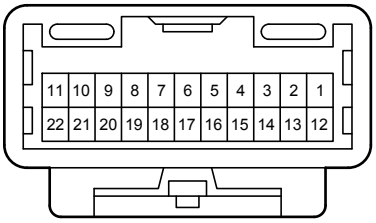
I 23
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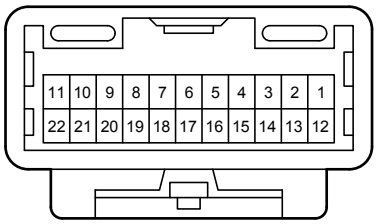
I 24
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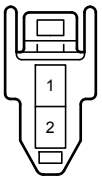
I 32
White



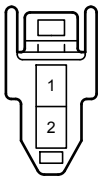
I 35
White



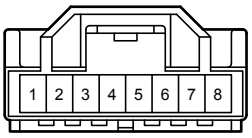
L 29
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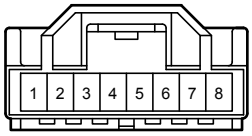
L 30
White



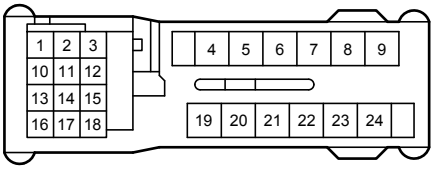
X 1
Black



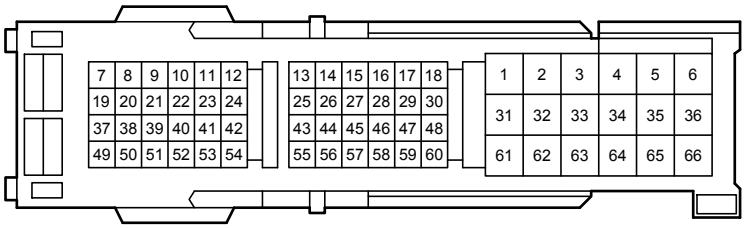
X 2
Black



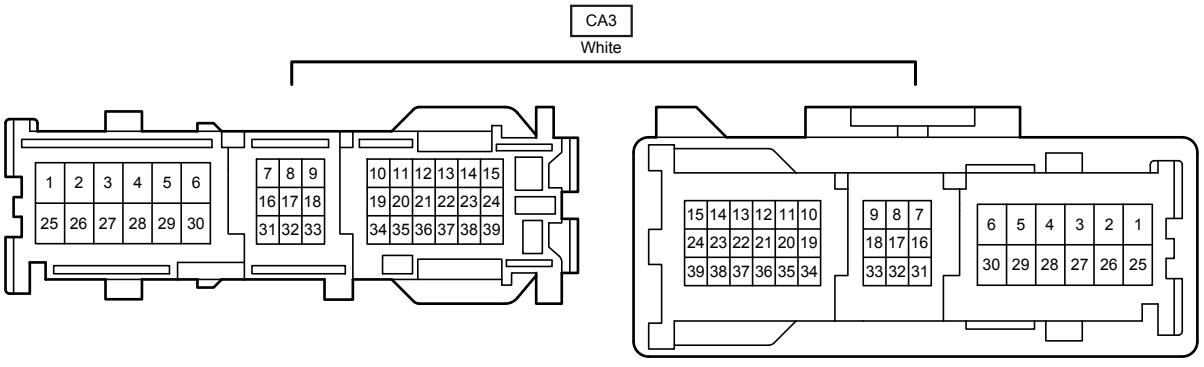
2B
White



2D
White

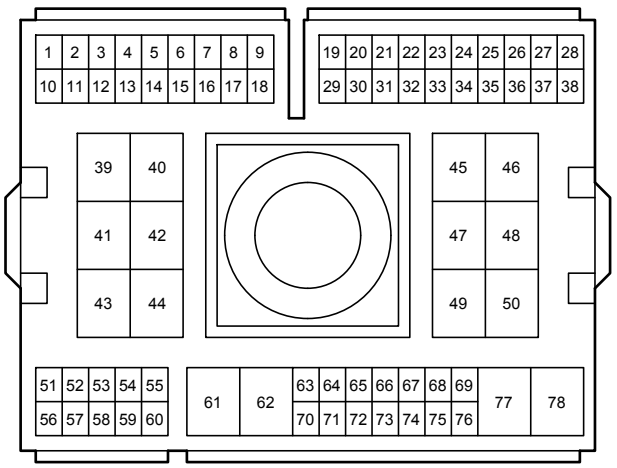


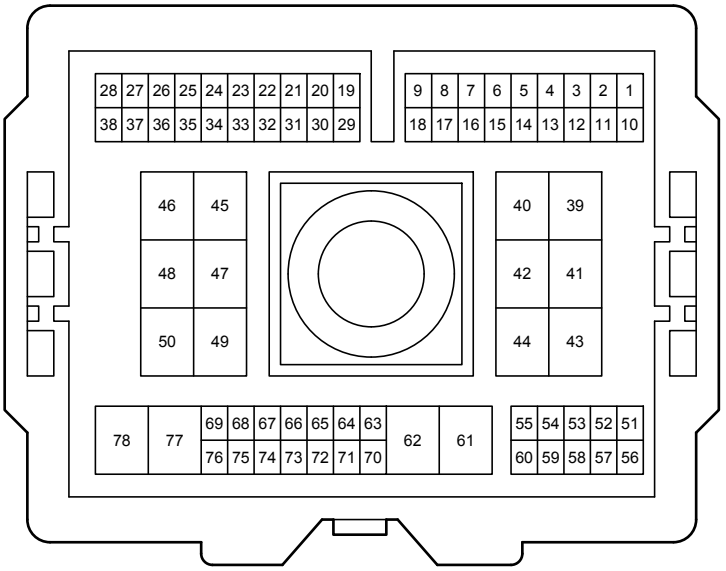
CA3
White



EA1

White

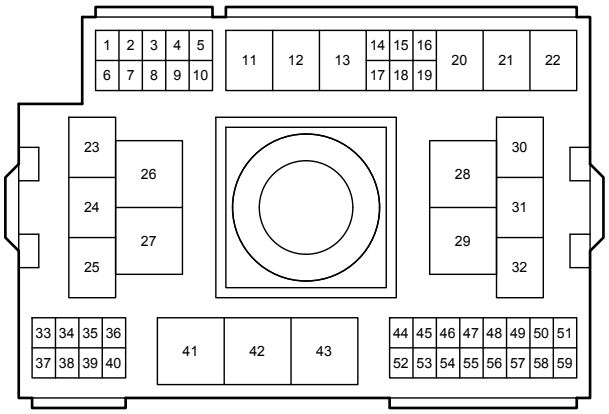


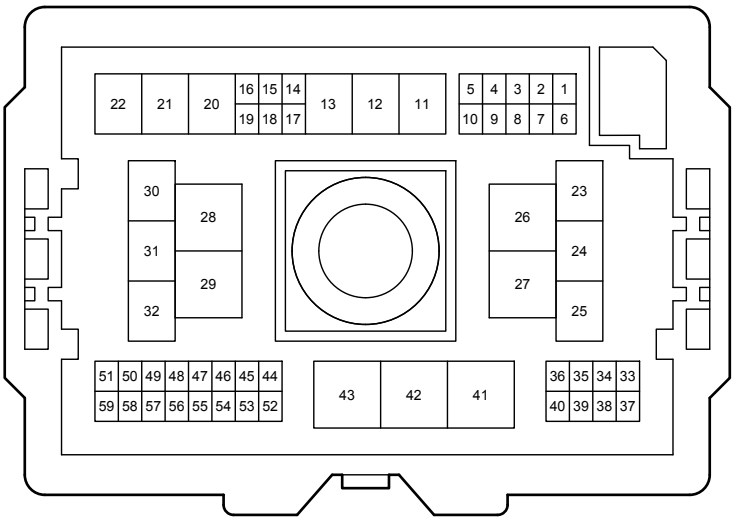


EA2

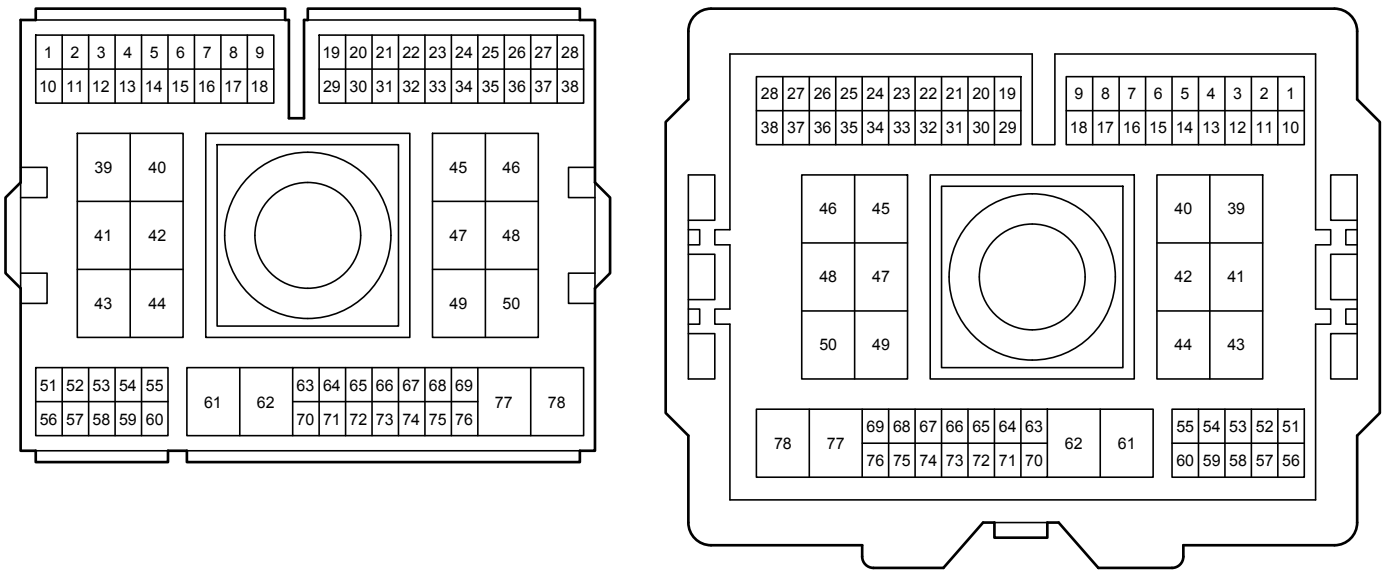
White

Gray

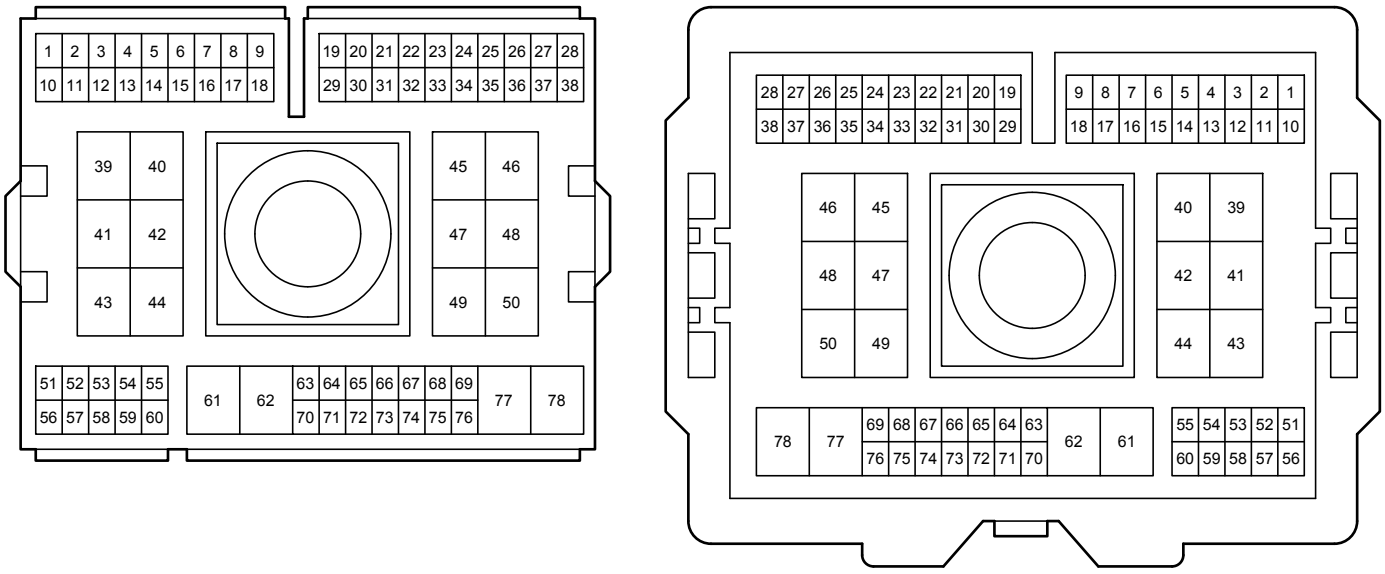




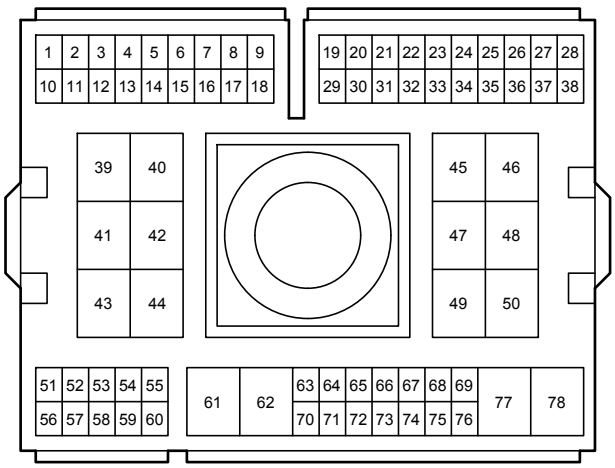
EA3
White

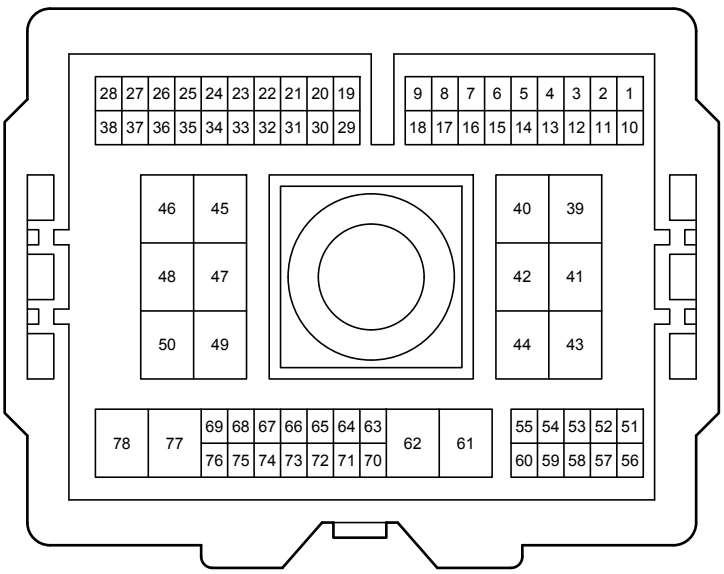


EK2
White

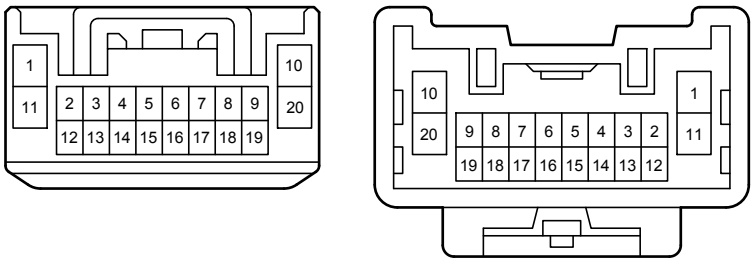


EL1
White

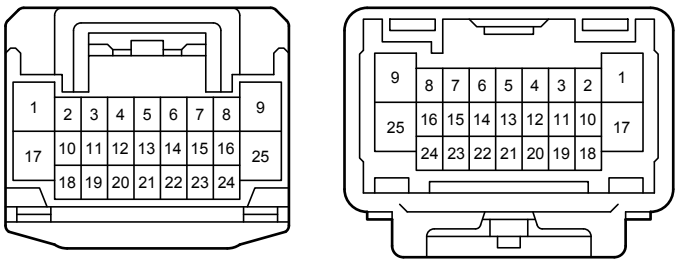




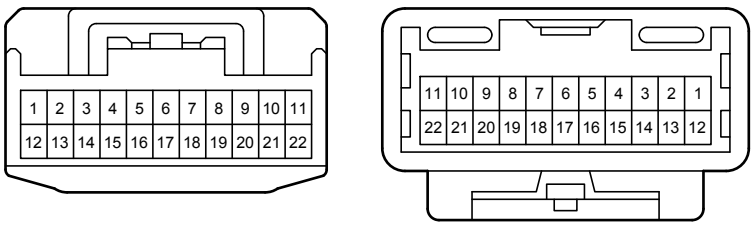
FE4
White



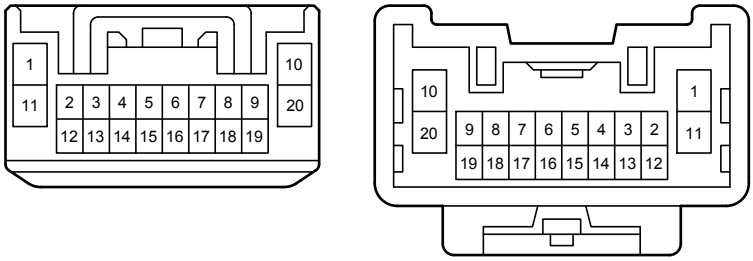
GE2
White



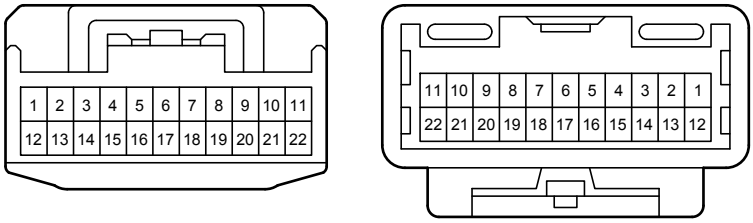
IE1
Gray



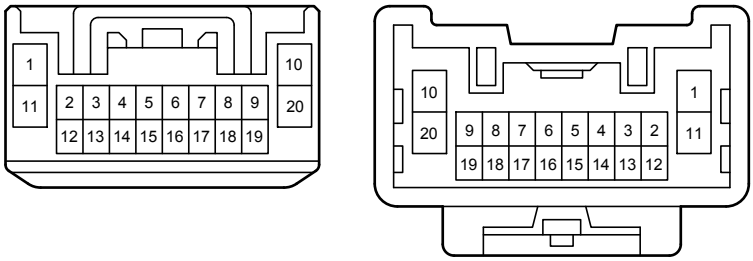
IE2
Blue



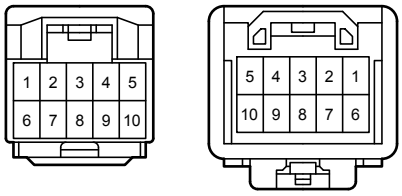
IE4
Gray



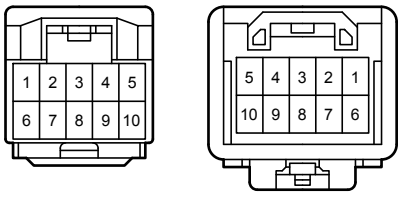
IE5
Blue



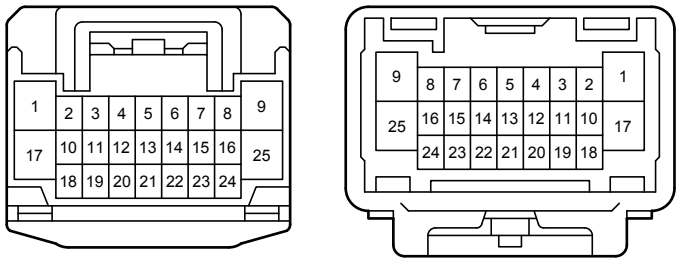
IX1
White

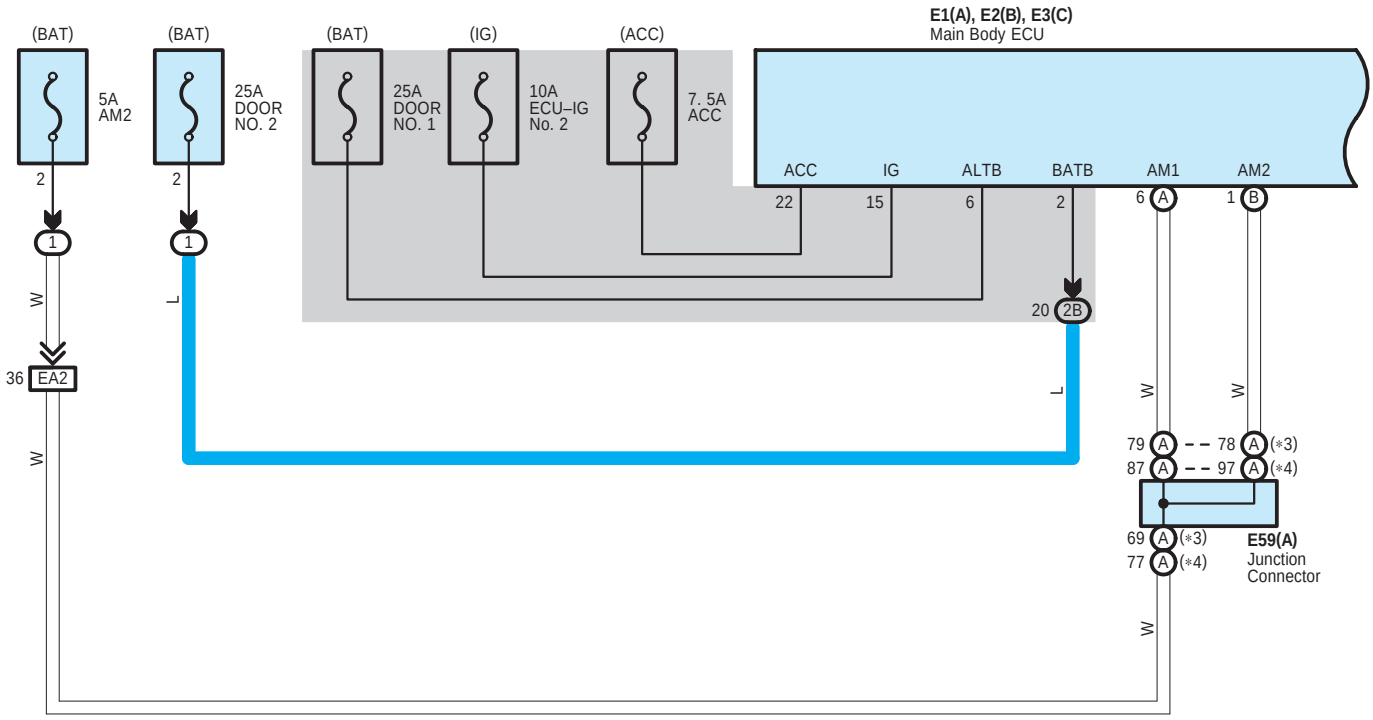


IX2
White

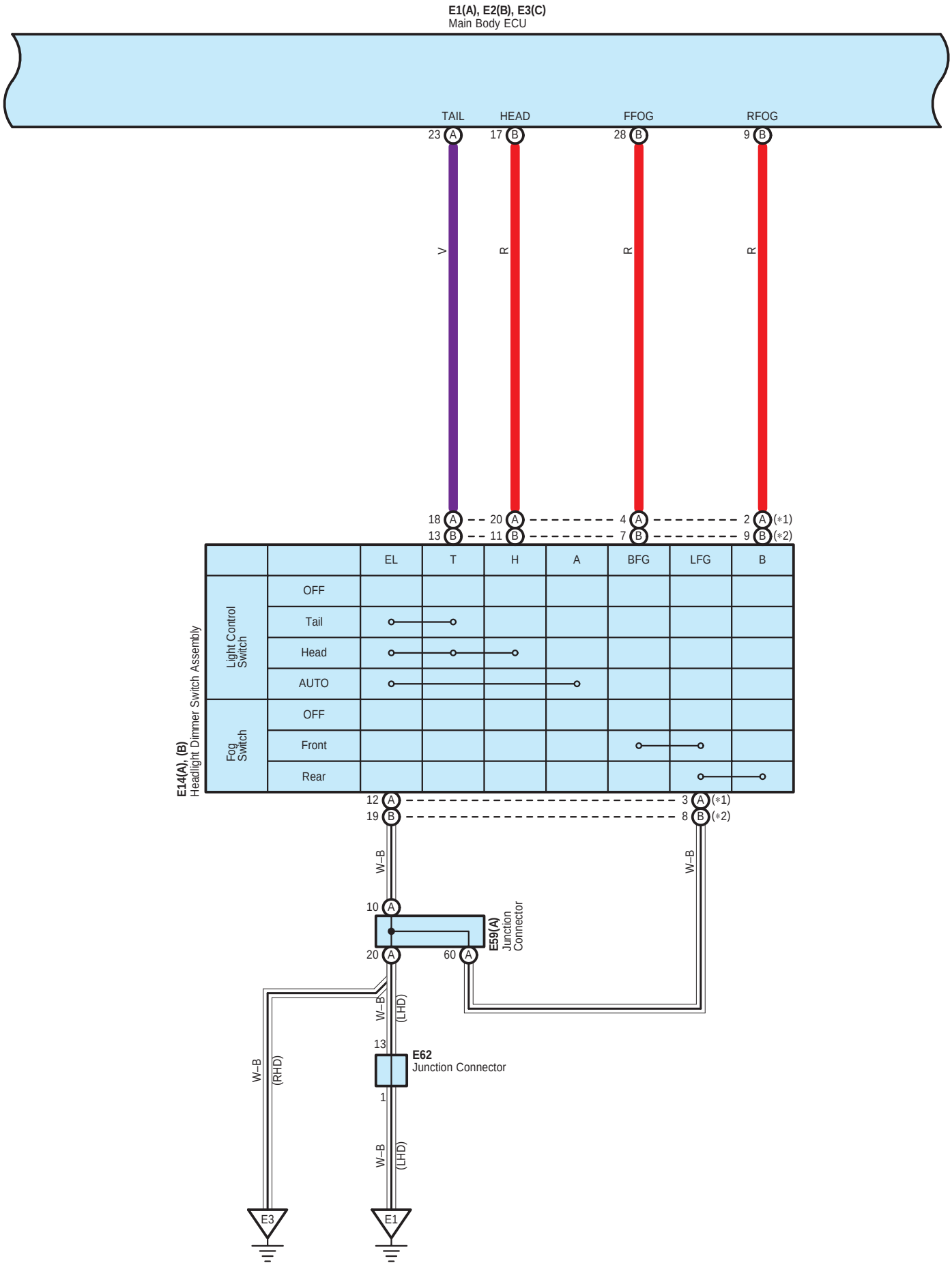


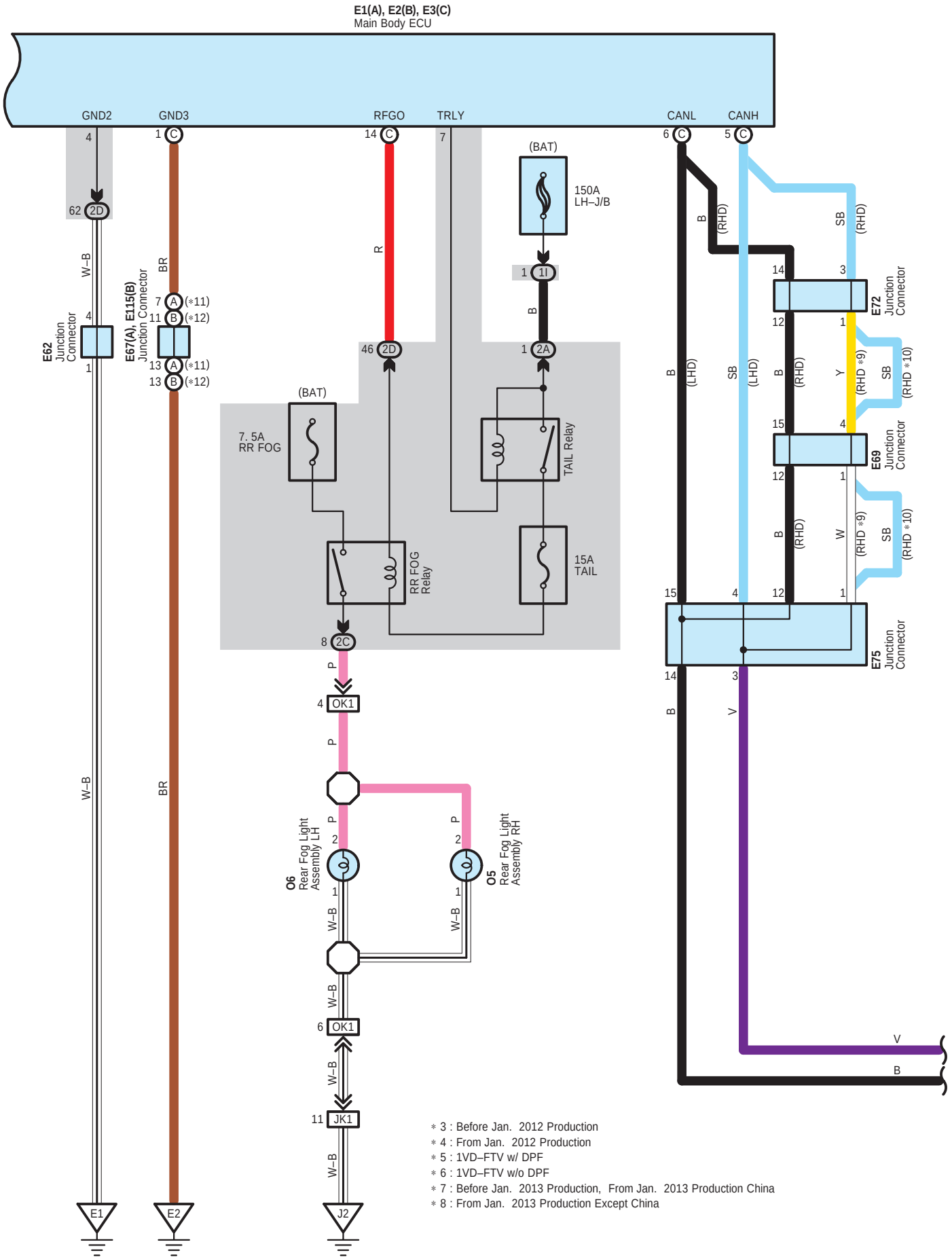
KL1
White



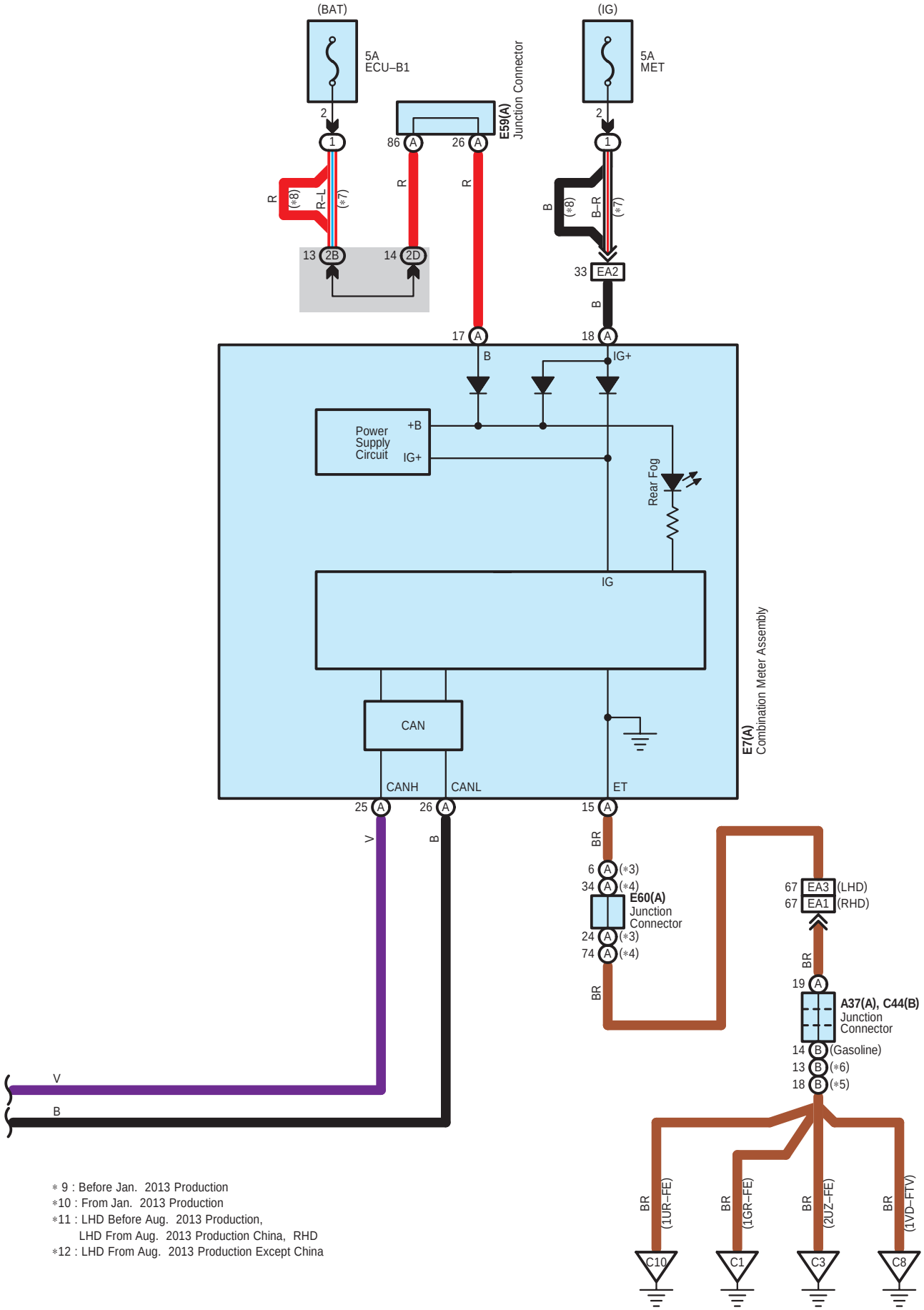


* 1 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 2 : RHD Headlight Dimmer Switch Assembly RH Side Type
* 3 : Before Jan. 2012 Production
* 4 : From Jan. 2012 Production


E1(A), E2(B), E3(C)
Main Body ECU
TAIL
HEAD
FFOG
RFOG
23 A
17 B
28 B
9 B
V
R
R
R
18 A
13 B
20 A
11 B
4 A
7 B
2 A (*1)
9 B (*2)
E14(A), (B)
Headlight Dimmer Switch Assembly
Light Control Switch
Fog Switch
EL
T
H
A
BFG
LFG
B
OFF
Tail
Head
AUTO
OFF
Front
Rear
12 A
19 B
3 A (*1)
8 B (*2)
W–B
W–B
10 A
E59(A)
Junction Connector
20 A
60 A
W–B
(LHD)
W–B
(RHD)
13
E62
Junction Connector
1
W–B
(LHD)
E3
E1

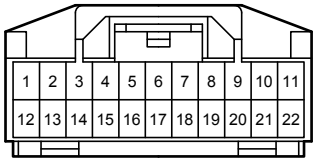


* 3 : Before Jan. 2012 Production
* 4 : From Jan. 2012 Production
* 5 : 1VD–FTV w/ DPF
* 6 : 1VD–FTV w/o DPF
* 7 : Before Jan. 2013 Production, From Jan. 2013 Production China
* 8 : From Jan. 2013 Production Except China

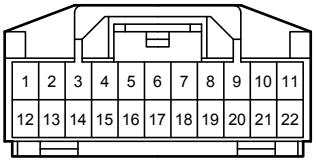


∗ 9 : Before Jan. 2013 Production
∗10 : From Jan. 2013 Production
∗11 : LHD Before Aug. 2013 Production,
LHD From Aug. 2013 Production China, RHD
∗12 : LHD From Aug. 2013 Production Except China

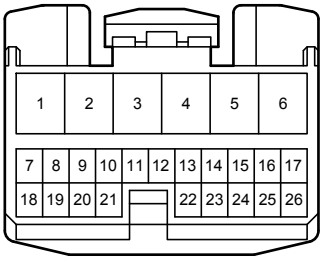
A 37
Blue



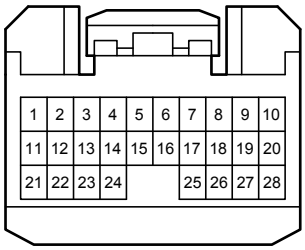
C 44
Blue



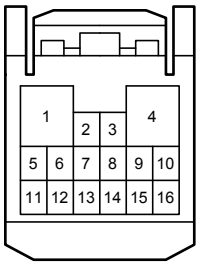
E 1
White



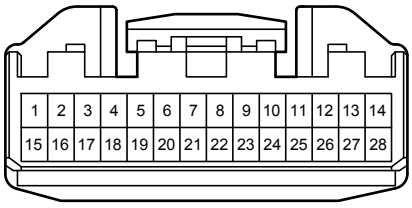
E 2
White



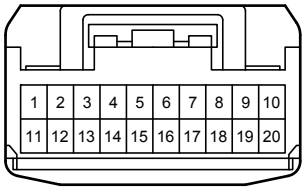
E 3
White



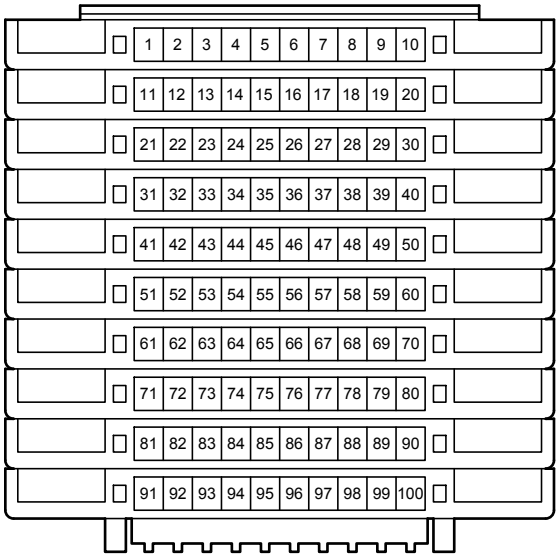
E 7
White



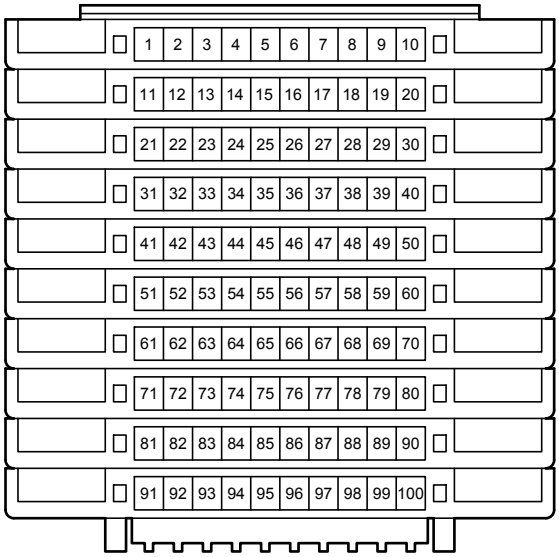
E 14
White



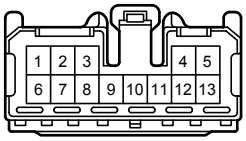
E 59



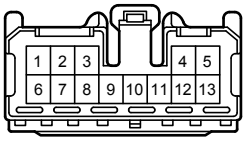
E 60



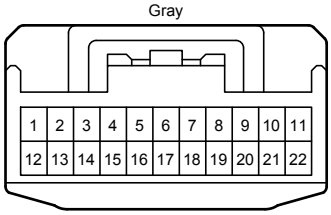
E 62
White



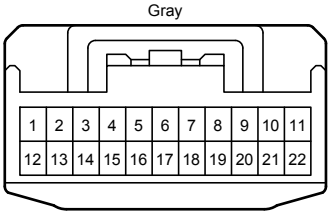
E 67
White



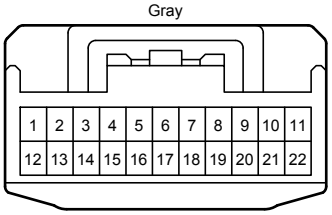
E 69
Gray



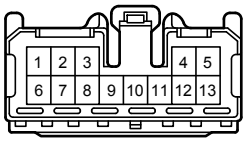
E 72
Gray



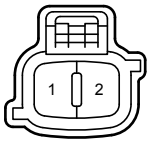
E 75
Gray



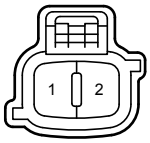
E115
White



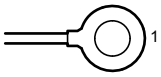
O 5
White



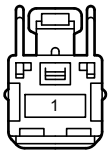
O 6
White



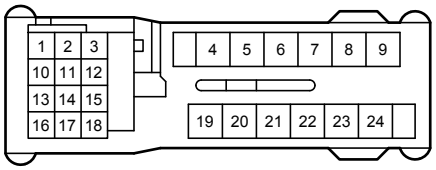
1I



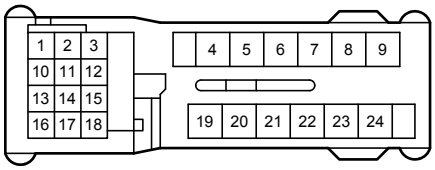
2A
White



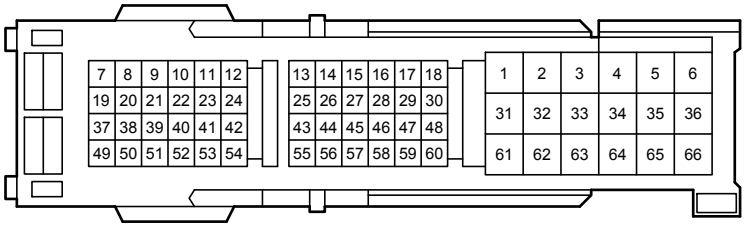
2B
White



2C
White

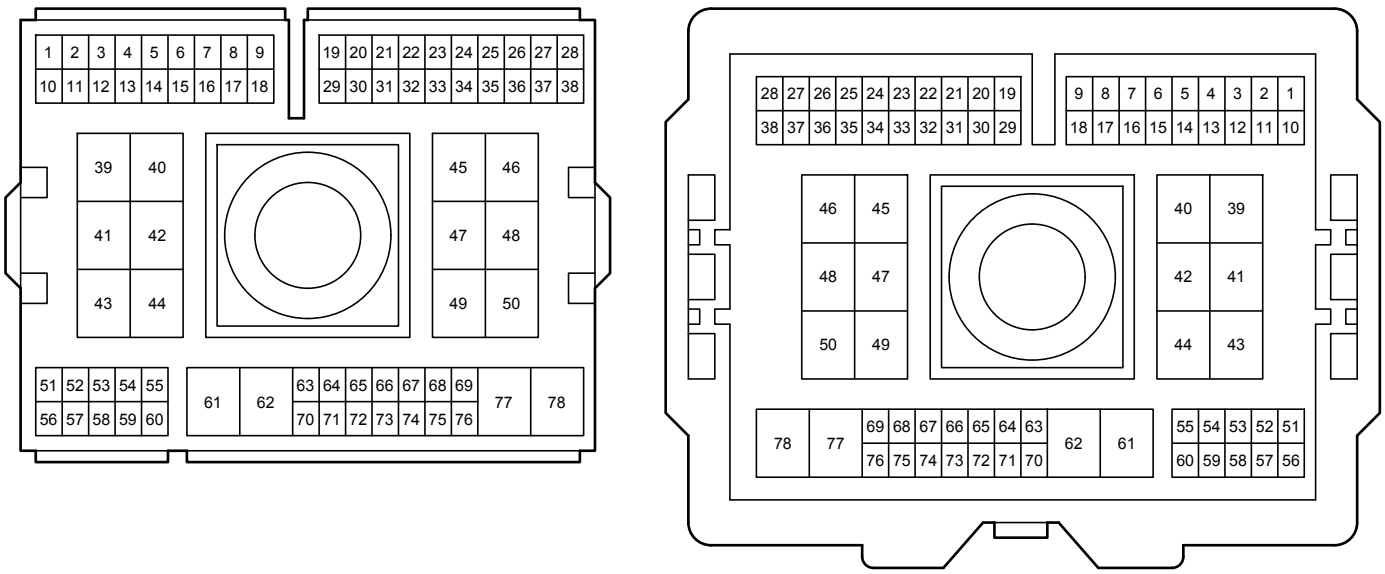


2D
White



EA1

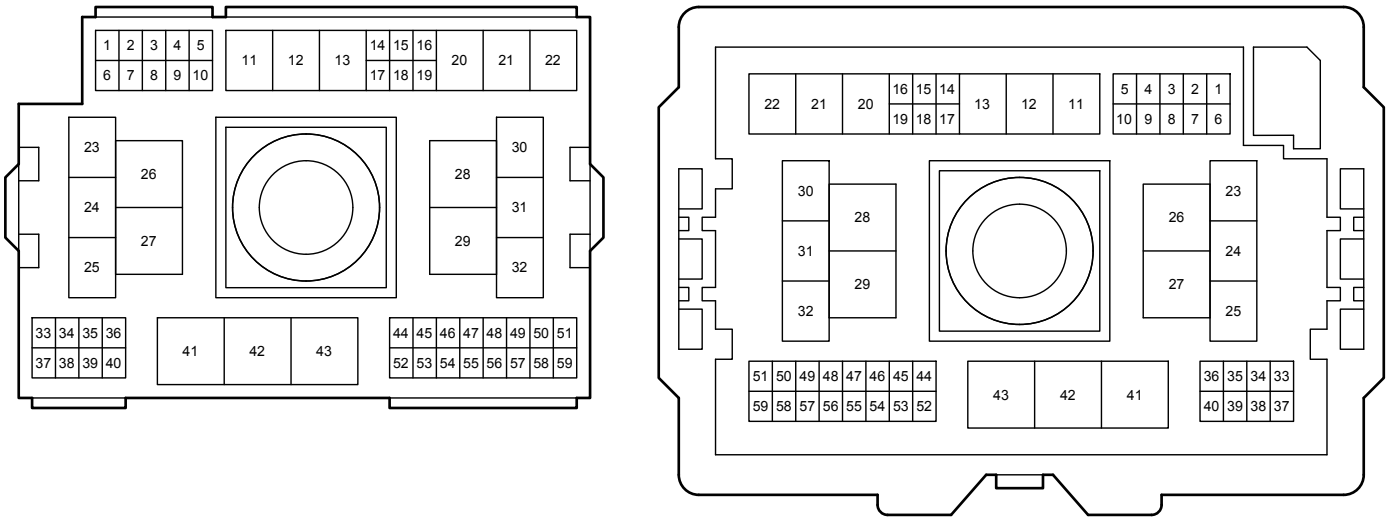
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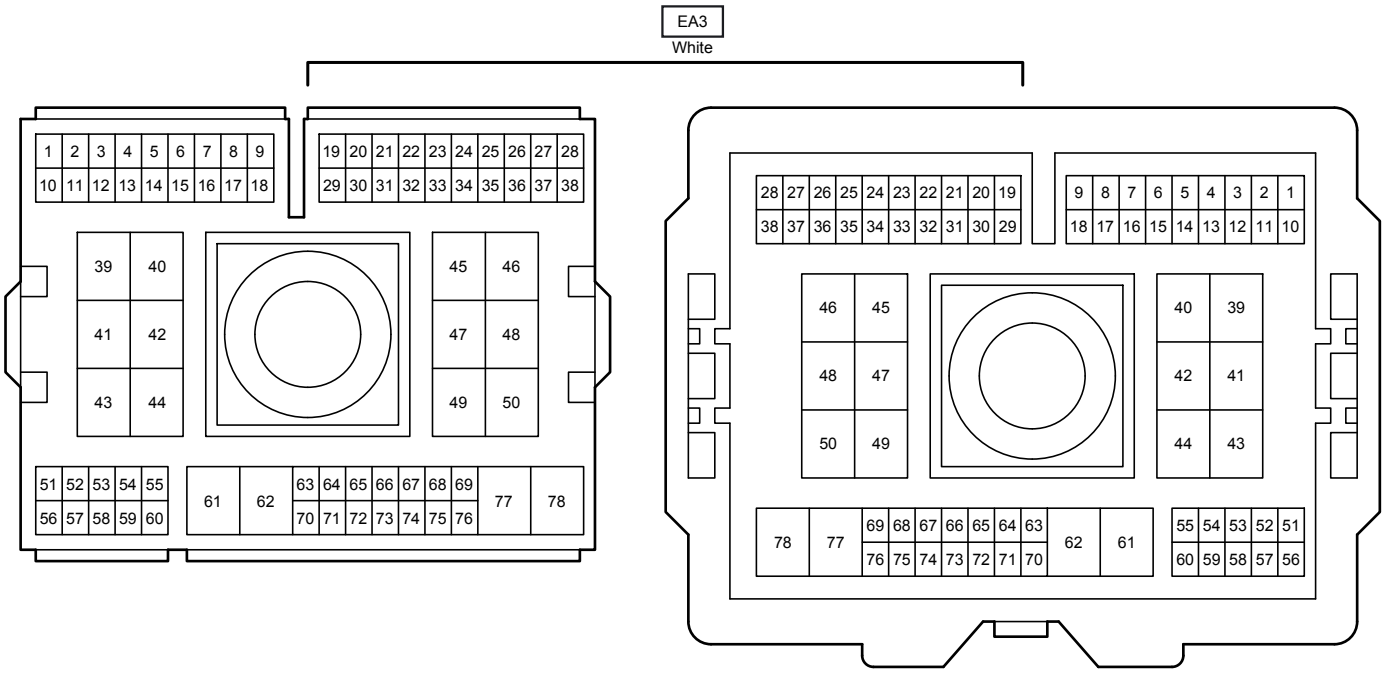


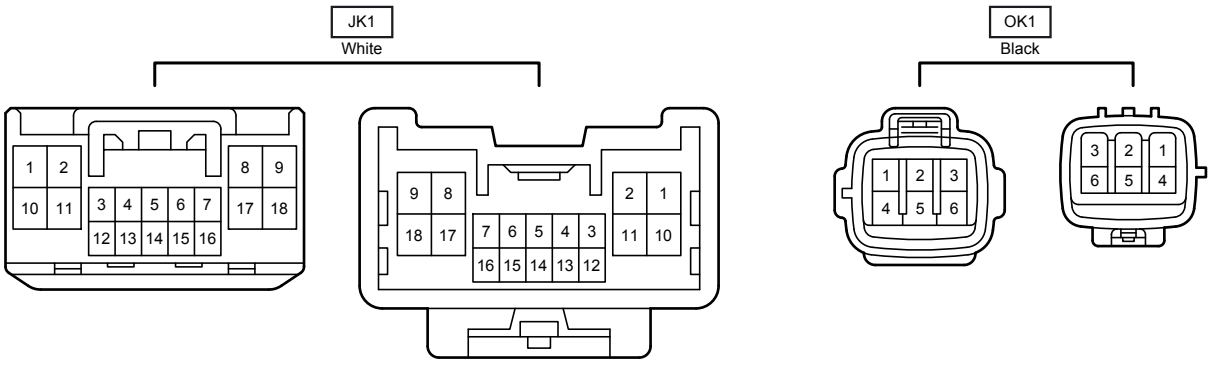
EA2

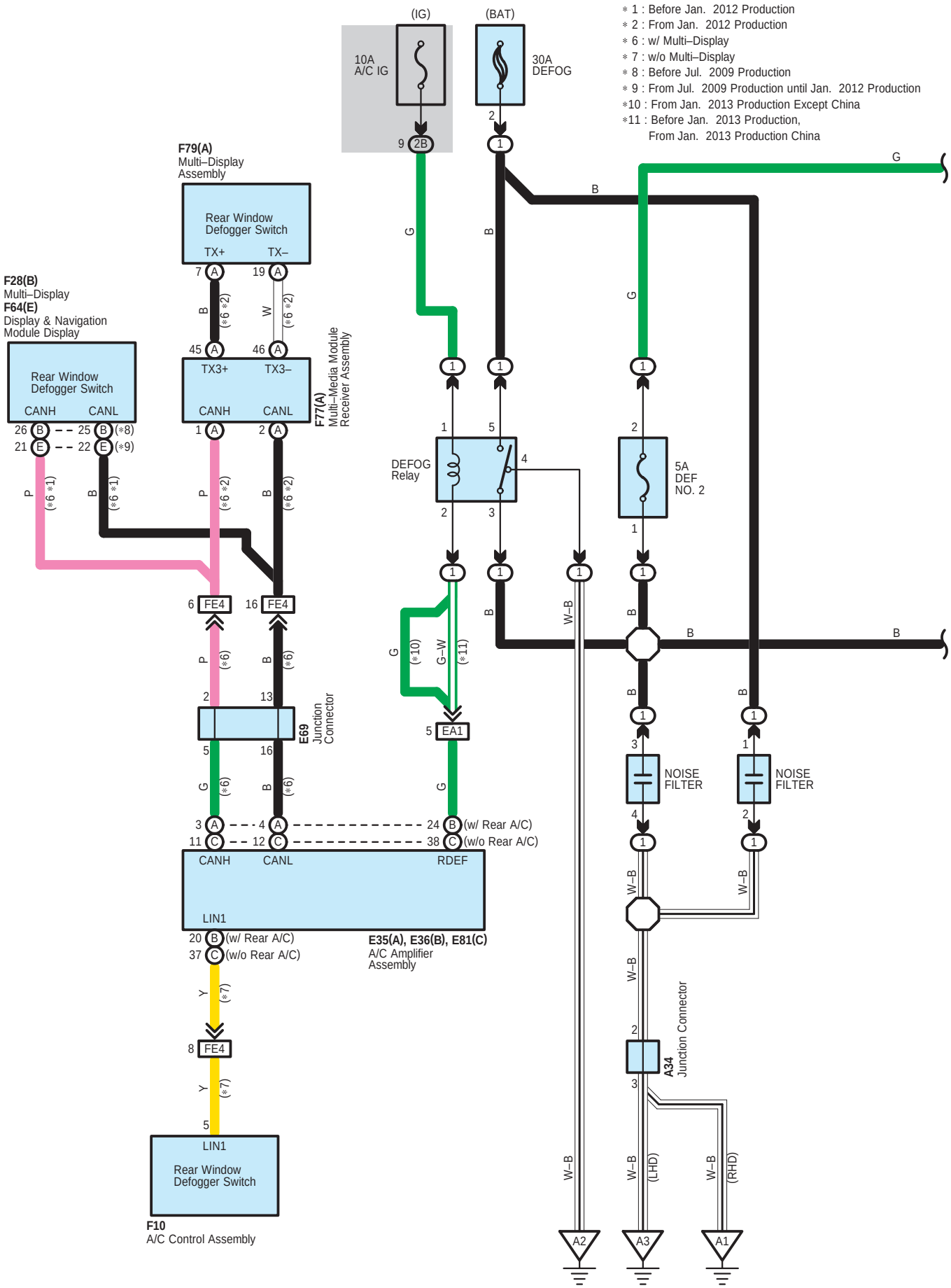
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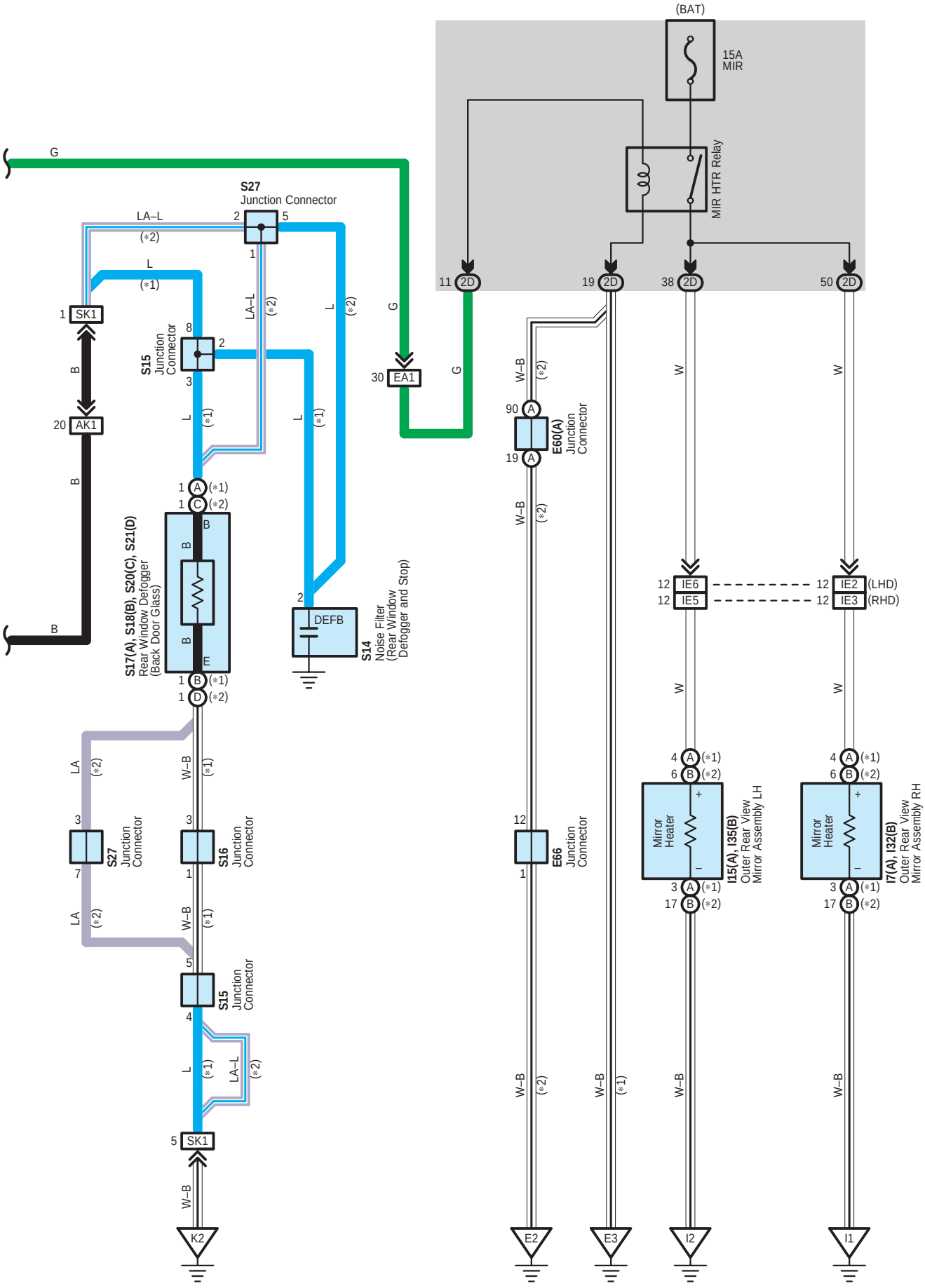
Gray



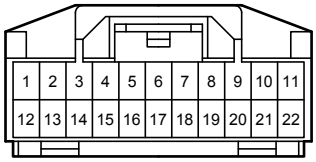

EA3
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45
48 47
50 49
40 39
42 41
44 43
78 77
69 68 67 66 65 64 63
76 75 74 73 72 71 70
62 61
55 54 53 52 51
60 59 58 57 56


JK1
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10
OK1
Black
1 2 3
4 5 6
3 2 1
6 5 4

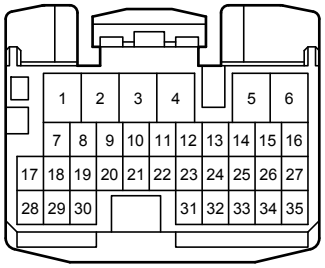

∗1 : Before Jan. 2012 Production
∗2 : From Jan. 2012 Production
∗6 : w/ Multi–Display
∗7 : w/o Multi–Display
∗8 : Before Jul. 2009 Production
∗9 : From Jul. 2009 Production until Jan. 2012 Production
∗10 : From Jan. 2013 Production Except China
∗11 : Before Jan. 2013 Production, From Jan. 2013 Production China
(IG)
(BAT)
10A A/C IG
30A DEFOG
F79(A) Multi–Display Assembly
Rear Window Defogger Switch
TX+
TX–
F28(B) Multi–Display
F64(E) Display & Navigation Module Display
Rear Window Defogger Switch
CANH
CANL
F77(A) Multi–Media Module Receiver Assembly
TX3+
TX3–
DEFOG Relay
5A DEF NO. 2
NOISE FILTER
NOISE FILTER
E69 Junction Connector
FE4
EA1
(w/ Rear A/C)
(w/o Rear A/C)
RDEF
LIN1
E35(A), E36(B), E81(C) A/C Amplifier Assembly
A34 Junction Connector
(LHD)
(RHD)
F10 A/C Control Assembly
Rear Window Defogger Switch
A2
A3
A1


(BAT)
15A
MIR
MIR HTR Relay
11 2D
19 2D
38 2D
50 2D
G
30 EA1
S27
Junction Connector
LA–L
(*2)
L
(*1)
1 SK1
B
20 AK1
B
S15
Junction
Connector
8
2
3
L
(*1)
LA–L
(*2)
L
(*2)
G
L
(*1)
1 A (*1)
1 C (*2)
S17(A), S18(B), S20(C), S21(D)
Rear Window Defogger
(Back Door Glass)
B
B
B
E
1 B (*1)
1 D (*2)
B
2
DEFB
S14
Noise Filter
(Rear Window
Defogger and Stop)
W–B
(*2)
90 A
19 A
E60(A)
Junction
Connector
W–B
(*2)
12
1
E66
Junction
Connector
W–B
(*2)
W–B
(*1)
W
W
12 IE6
12 IE5
12 IE2 (LHD)
12 IE3 (RHD)
W
W
4 A (*1)
6 B (*2)
Mirror
Heater
3 A (*1)
17 B (*2)
I15(A), I35(B)
Outer Rear View
Mirror Assembly LH
4 A (*1)
6 B (*2)
Mirror
Heater
3 A (*1)
17 B (*2)
I7(A), I32(B)
Outer Rear View
Mirror Assembly RH
W–B
W–B
W–B
LA
(*2)
3
7
S27
Junction
Connector
LA
(*2)
W–B
(*1)
3
1
S16
Junction
Connector
W–B
(*1)
5
4
S15
Junction
Connector
L
(*1)
LA–L
(*2)
5 SK1
W–B
K2
E2
E3
I2
I1

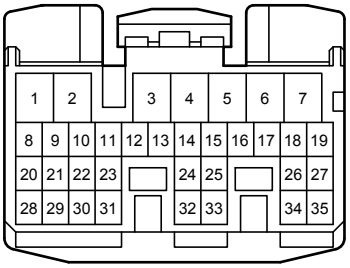
A 34
White



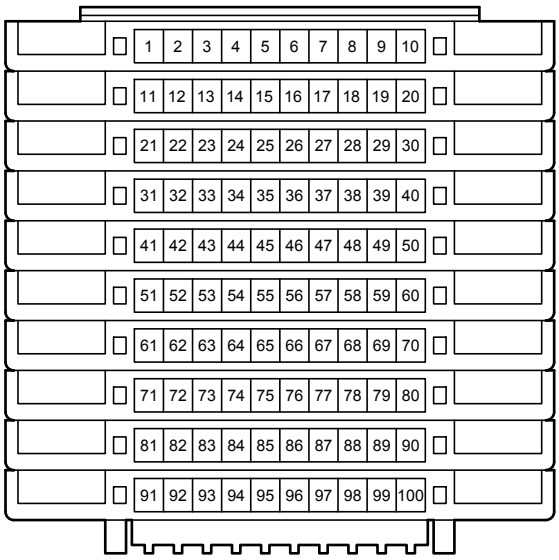
E 35
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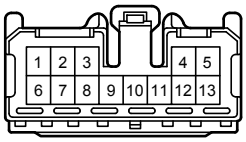
E 36
White



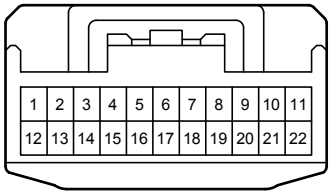
E 60



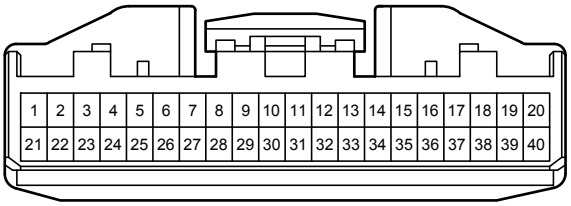
E 66
White



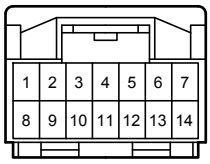
E 69
Gray



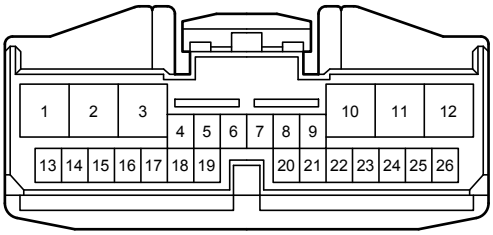
E 81
White



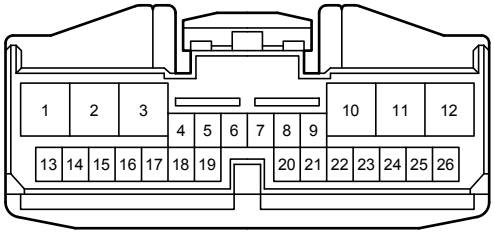
F 10
White



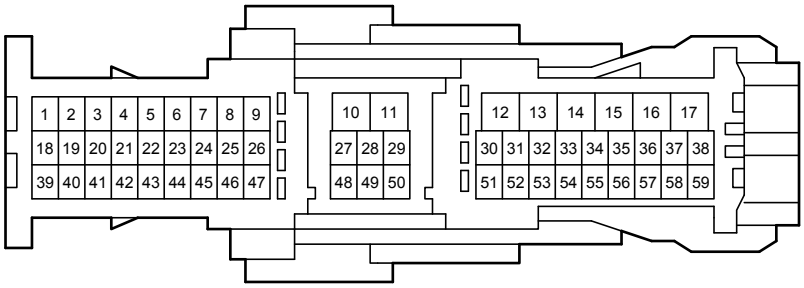
F 28
White



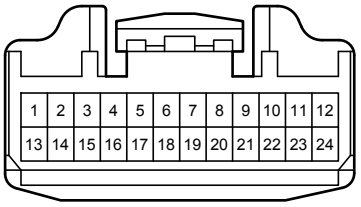
F 64
White



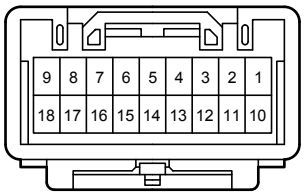
F 77
White



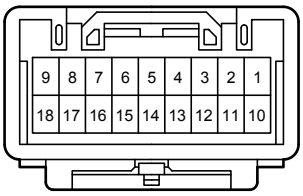
F 79
White



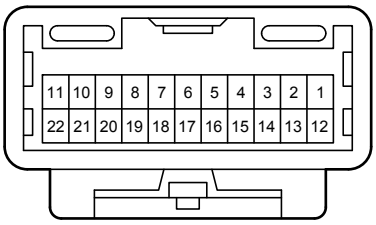
I 7
White



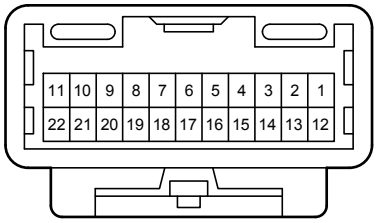
I 15
White



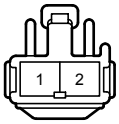
I 32
White



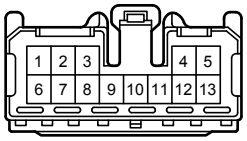
I 35
White



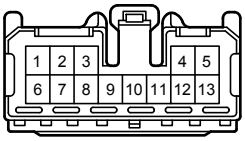
S 14
Black



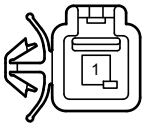
S 15
White



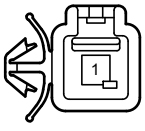
S 16
White



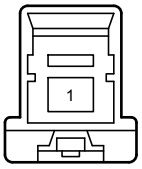
S 17
White



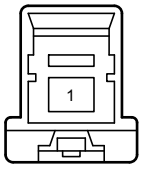
S 18
White



S 20
White



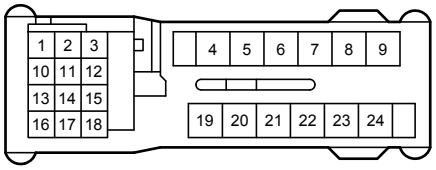
S 21
White



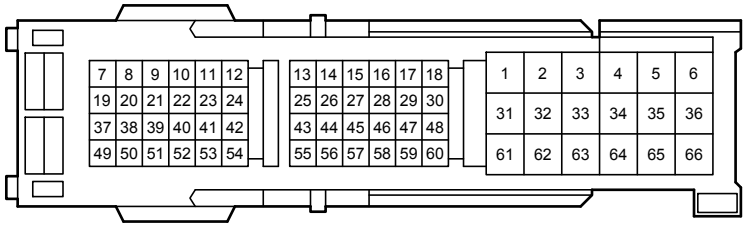
S 27
Dark Gray

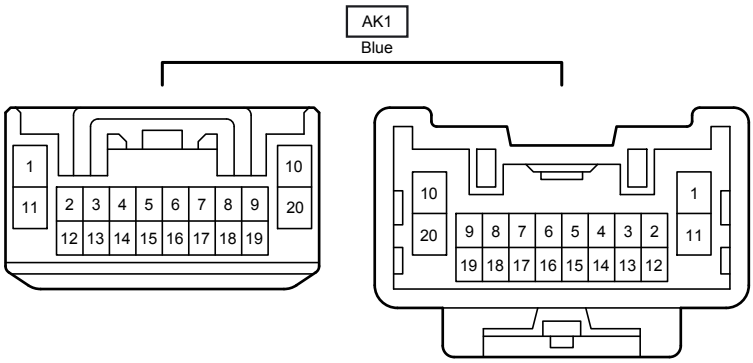


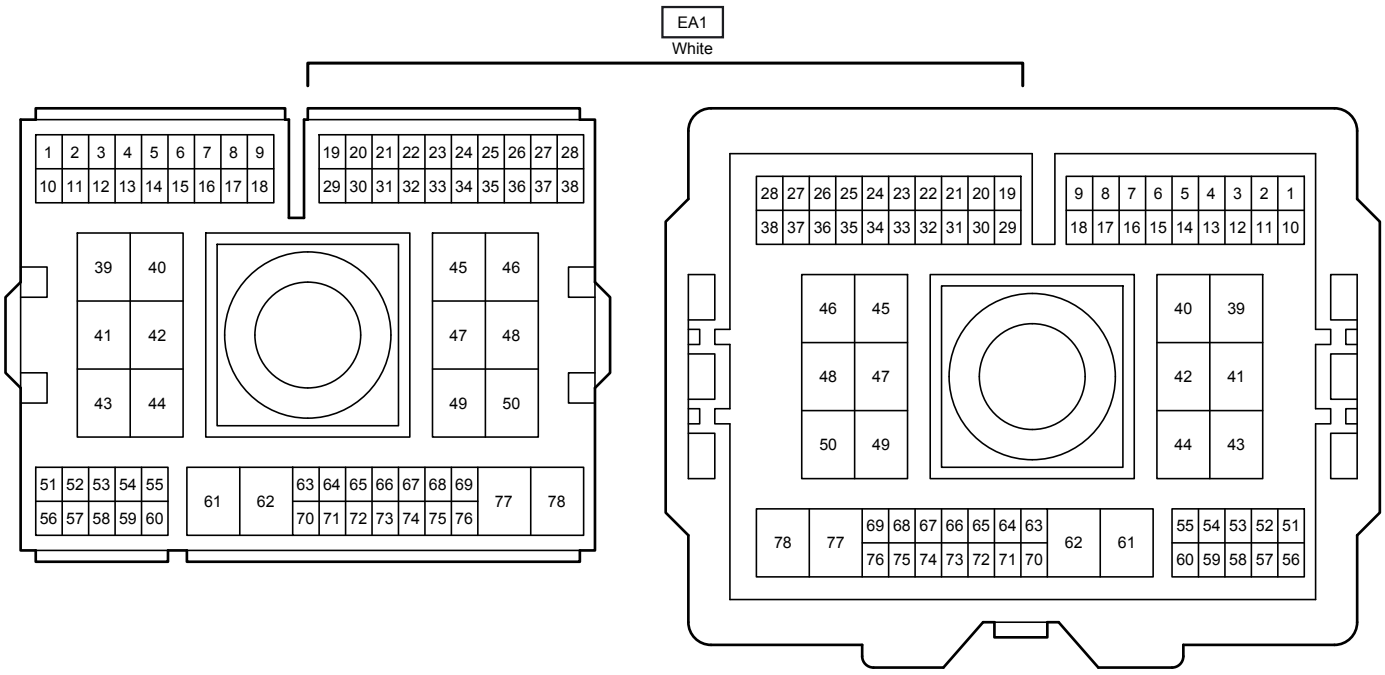
2B
White

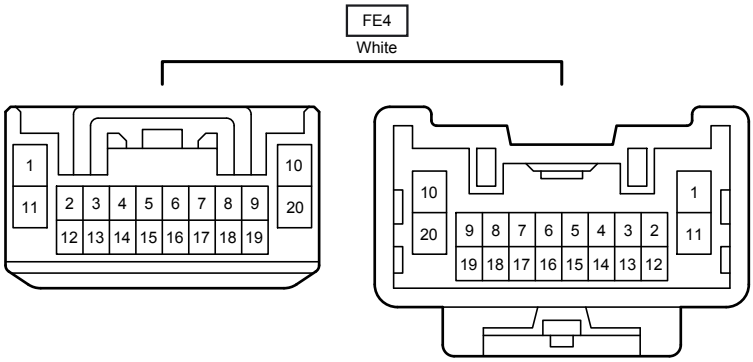


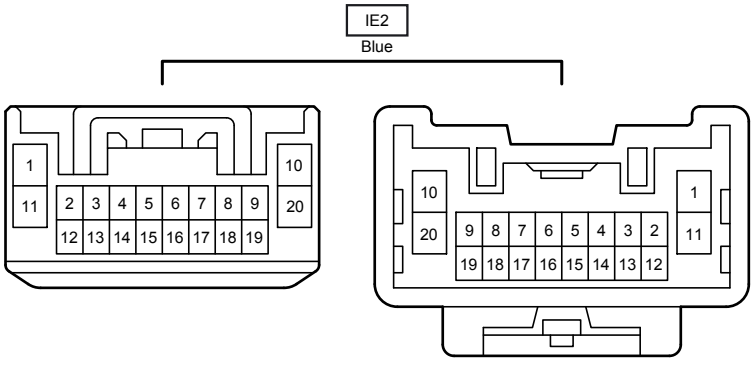
2D
White

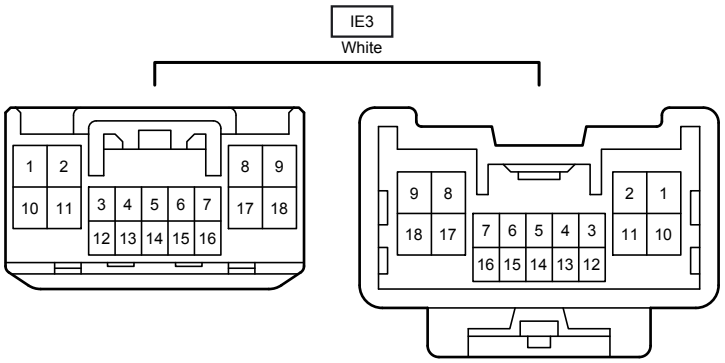


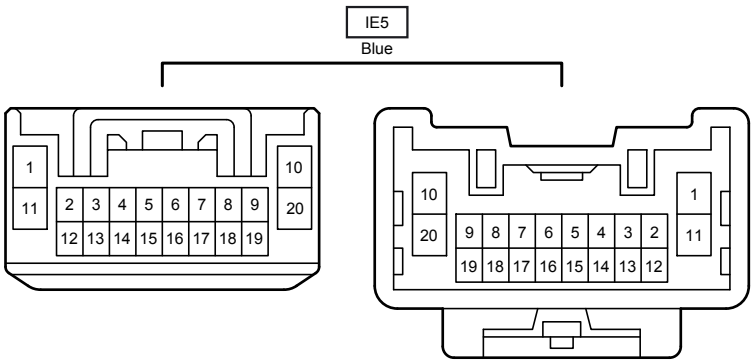

AK1
Blue
1 11 2 3 4 5 6 7 8 9 10 20 12 13 14 15 16 17 18 19
10 20 9 8 7 6 5 4 3 2 1 11 19 18 17 16 15 14 13 12

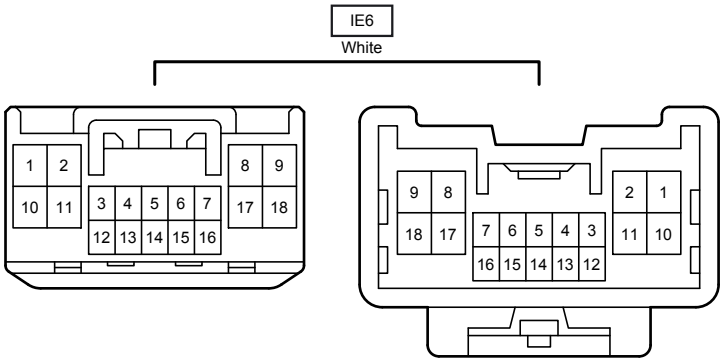

EA1
White
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38
39 40 41 42 43 44
45 46 47 48 49 50
51 52 53 54 55 56 57 58 59 60
61 62
63 64 65 66 67 68 69 70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19 38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1 18 17 16 15 14 13 12 11 10
46 45 48 47 50 49
40 39 42 41 44 43
78 77 69 68 67 66 65 64 63 76 75 74 73 72 71 70
62 61
55 54 53 52 51 60 59 58 57 56

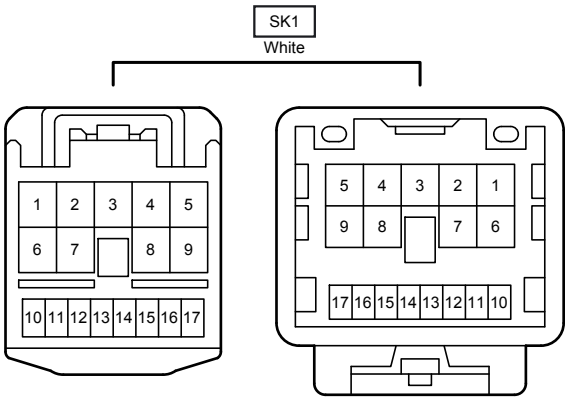

FE4
White
1 11 2 3 4 5 6 7 8 9 10 20 12 13 14 15 16 17 18 19
10 20 9 8 7 6 5 4 3 2 1 11 19 18 17 16 15 14 13 12

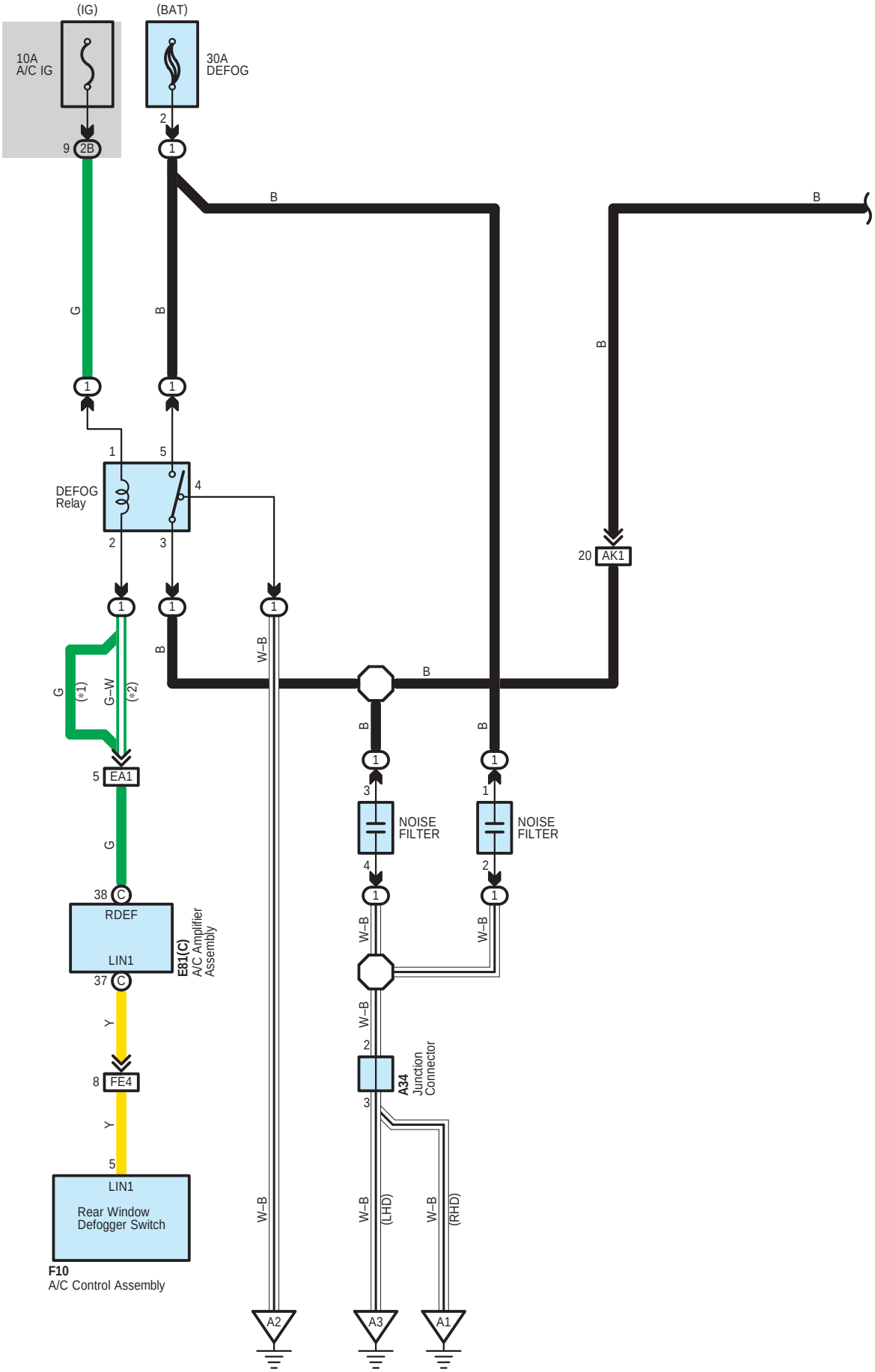

IE2
Blue
1 11 2 3 4 5 6 7 8 9 10 20 12 13 14 15 16 17 18 19
10 20 9 8 7 6 5 4 3 2 1 11 19 18 17 16 15 14 13 12


IE3
White
1 2 8 9
10 11 3 4 5 6 7 17 18
12 13 14 15 16
9 8 2 1
18 17 7 6 5 4 3 11 10
16 15 14 13 12

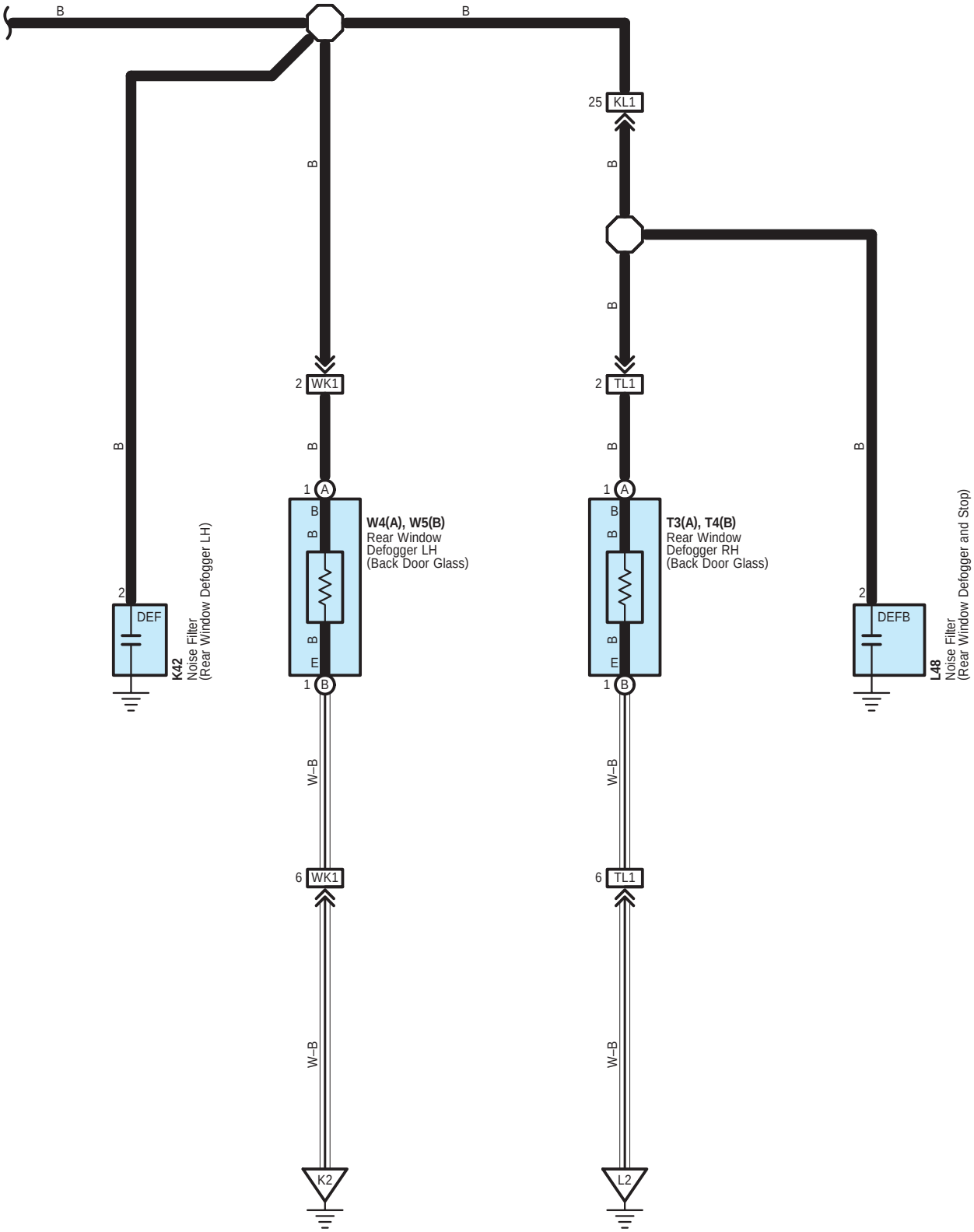

IE5
Blue
1 10
11 2 3 4 5 6 7 8 9 20
12 13 14 15 16 17 18 19
10 1
20 9 8 7 6 5 4 3 2 11
19 18 17 16 15 14 13 12


IE6
White
1 2 8 9
10 11 3 4 5 6 7 17 18
12 13 14 15 16
9 8 2 1
18 17 7 6 5 4 3 11 10
16 15 14 13 12

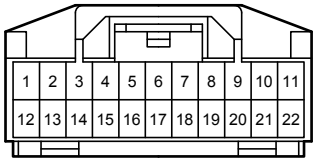

SK1
White
1 2 3 4 5
6 7 8 9
10 11 12 13 14 15 16 17
5 4 3 2 1
9 8 7 6
17 16 15 14 13 12 11 10


(IG)
(BAT)
10A
A/C IG
30A
DEFOG
9 2B
2
1
B
G
B
B
B
1
1
1
5
4
DEFOG
Relay
2
3
20 AK1
1
1
1
B
W–B
B
G
(*1)
G–W
(*2)
B
B
5 EA1
3
1
NOISE
FILTER
NOISE
FILTER
G
4
2
38 C
1
1
RDEF
W–B
W–B
LIN1
E81(C)
A/C Amplifier
Assembly
37 C
W–B
Y
2
A34
Junction
Connector
8 FE4
3
Y
5
LIN1
Rear Window
Defogger Switch
W–B
W–B
(LHD)
W–B
(RHD)
F10
A/C Control Assembly
A2
A3
A1

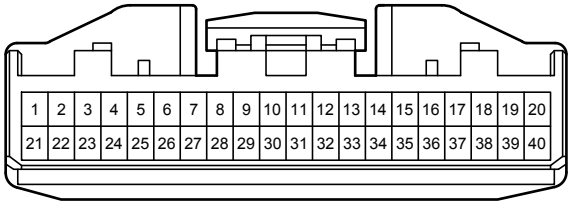
* 1 : From Jan. 2013 Production Except China
* 2 : Before Jan. 2013 Production, From Jan. 2013 Production China



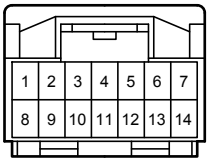
A 34
White



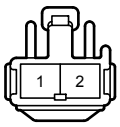
E 81
White



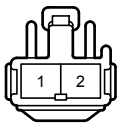
F 10
White



K 42
Black



L 48
Black



T 3
White



T 4
White



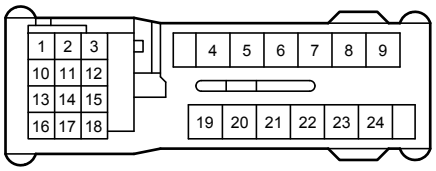
W 4
White



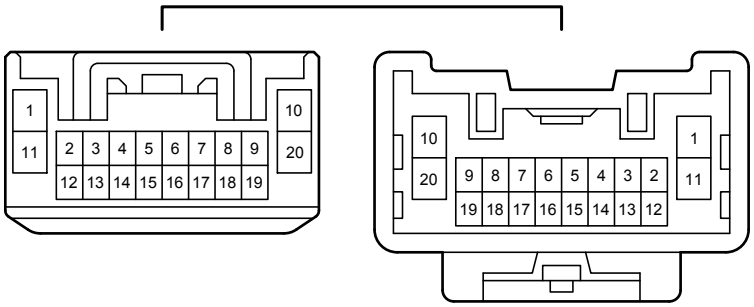
W 5
White



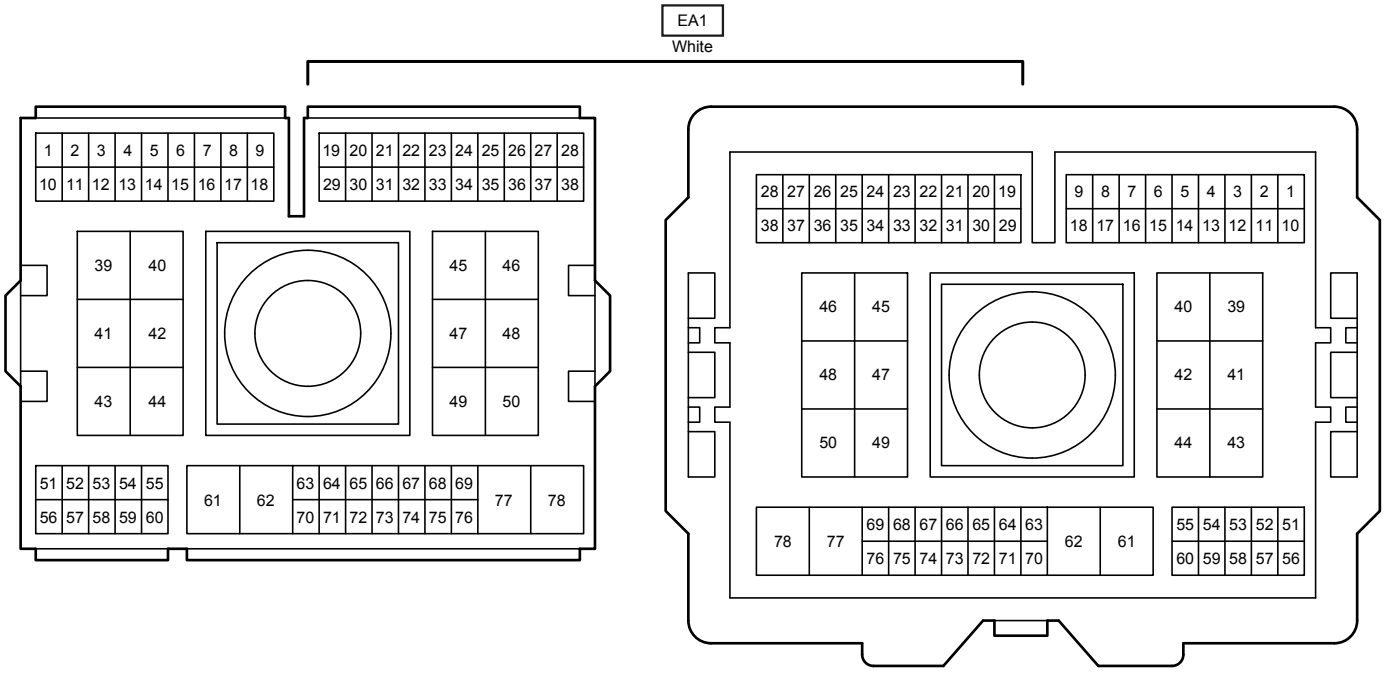
2B
White

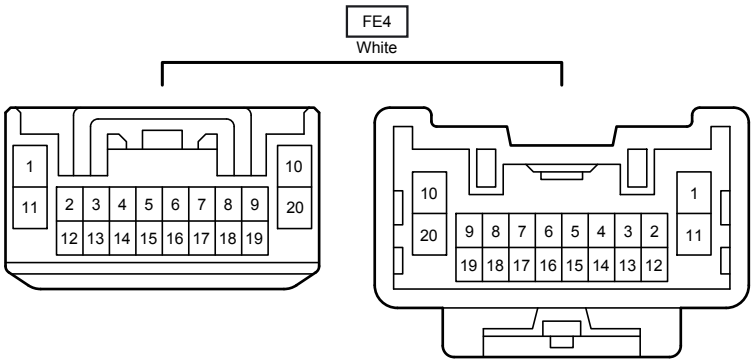


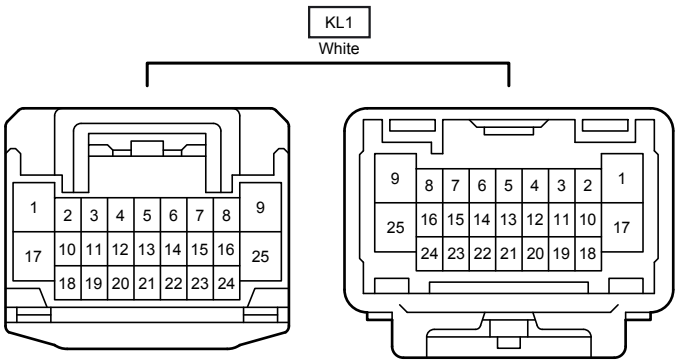
AK1
Blue

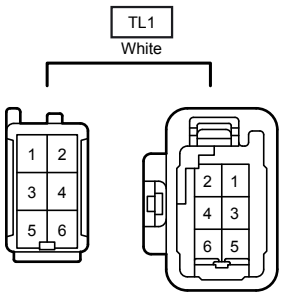


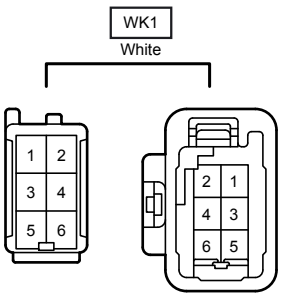
EA1
White



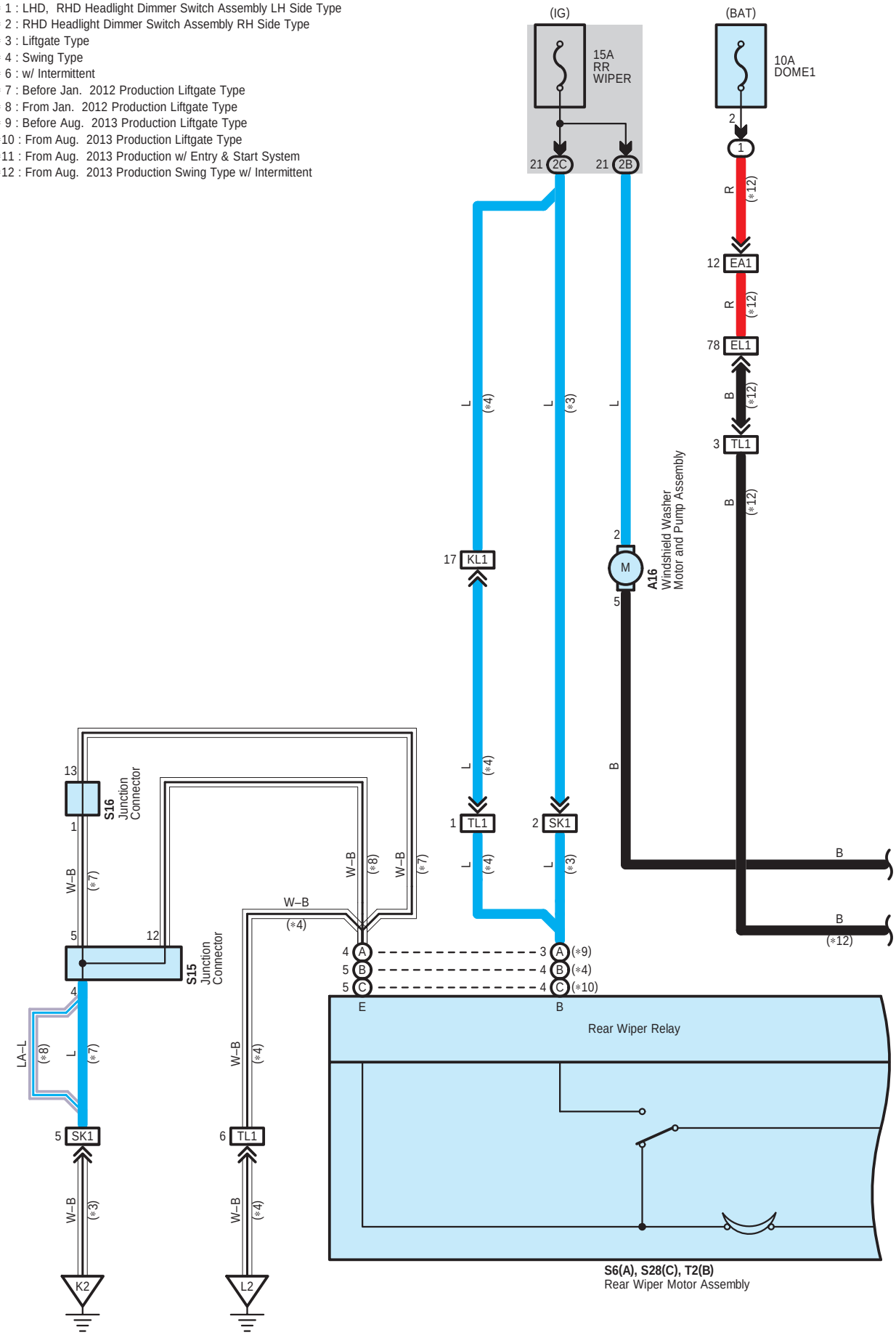

FE4
White
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11

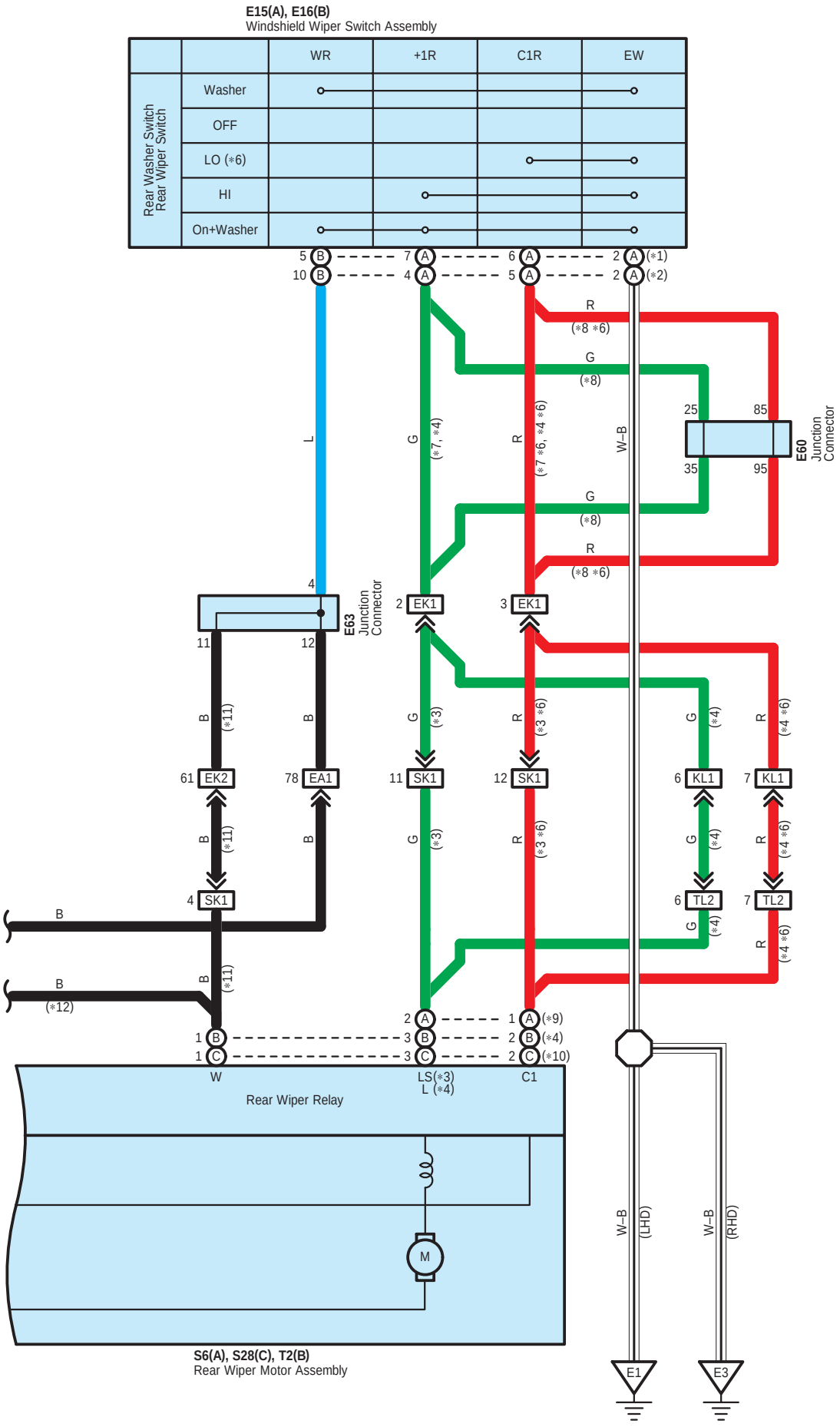

KL1
White
1
2 3 4 5 6 7 8
10 11 12 13 14 15 16
18 19 20 21 22 23 24
9
17
25
9
8 7 6 5 4 3 2
16 15 14 13 12 11 10
24 23 22 21 20 19 18
1
25
17


TL1
White
1 2
3 4
5 6
2 1
4 3
6 5

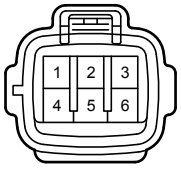

WK1
White
1 2
3 4
5 6
2 1
4 3
6 5

∗ 1 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
∗ 2 : RHD Headlight Dimmer Switch Assembly RH Side Type
∗ 3 : Liftgate Type
∗ 4 : Swing Type
∗ 6 : w/ Intermittent
∗ 7 : Before Jan. 2012 Production Liftgate Type
∗ 8 : From Jan. 2012 Production Liftgate Type
∗ 9 : Before Aug. 2013 Production Liftgate Type
∗10 : From Aug. 2013 Production Liftgate Type
∗11 : From Aug. 2013 Production w/ Entry & Start System
∗12 : From Aug. 2013 Production Swing Type w/ Intermittent

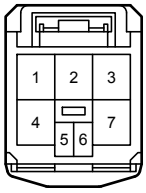



E15(A), E16(B)
Windshield Wiper Switch Assembly
WR
+1R
C1R
EW
Rear Washer Switch
Rear Wiper Switch
Washer
OFF
LO (*6)
HI
On+Washer
E63
Junction Connector
E60
Junction Connector
EK1
EK2
EA1
SK1
KL1
TL2
Rear Wiper Relay
W
LS(*3)
L (*4)
C1
S6(A), S28(C), T2(B)
Rear Wiper Motor Assembly
E1
E3
W–B (LHD)
W–B (RHD)

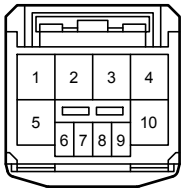
A 16
Gray



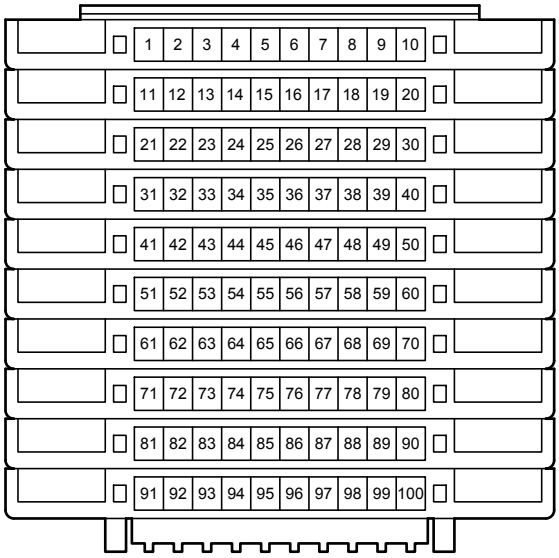
E 15
White



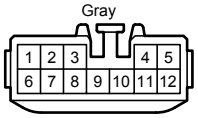
E 16
White



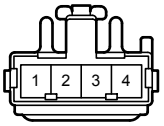
E 60



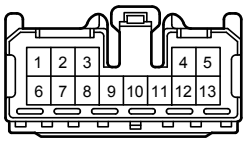
E 63
Gray



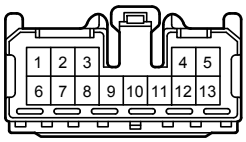
S 6
Black



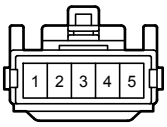
S 15
White



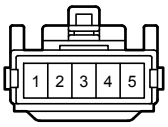
S 16
White



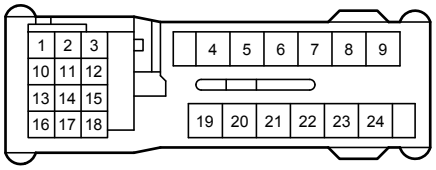
S 28
Black



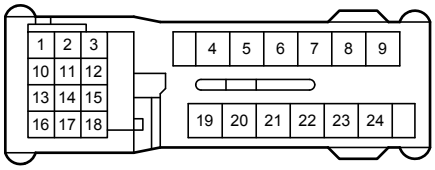
T 2
Black



2B
White

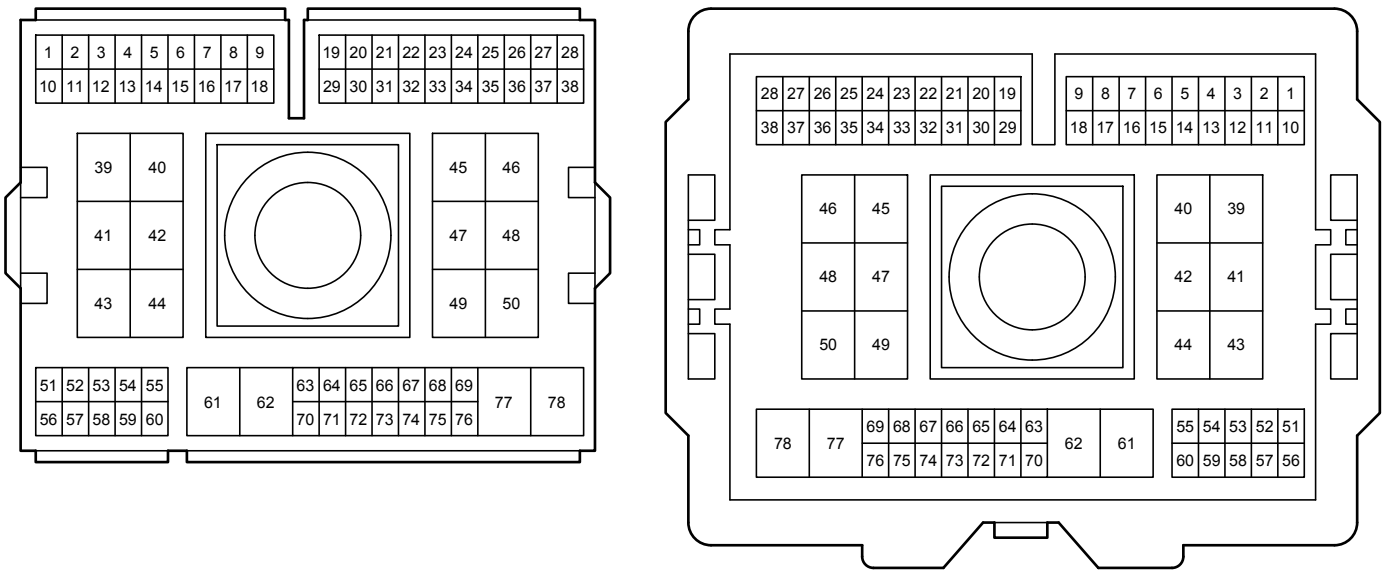


2C
White



EA1

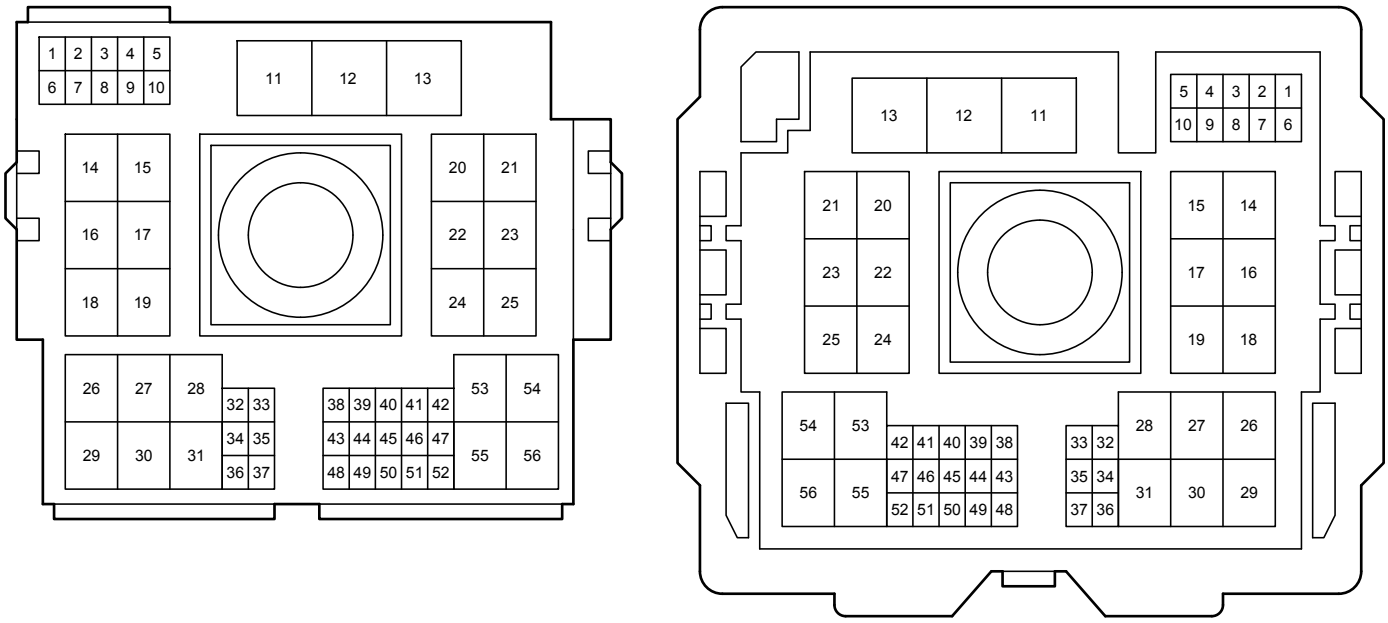
White



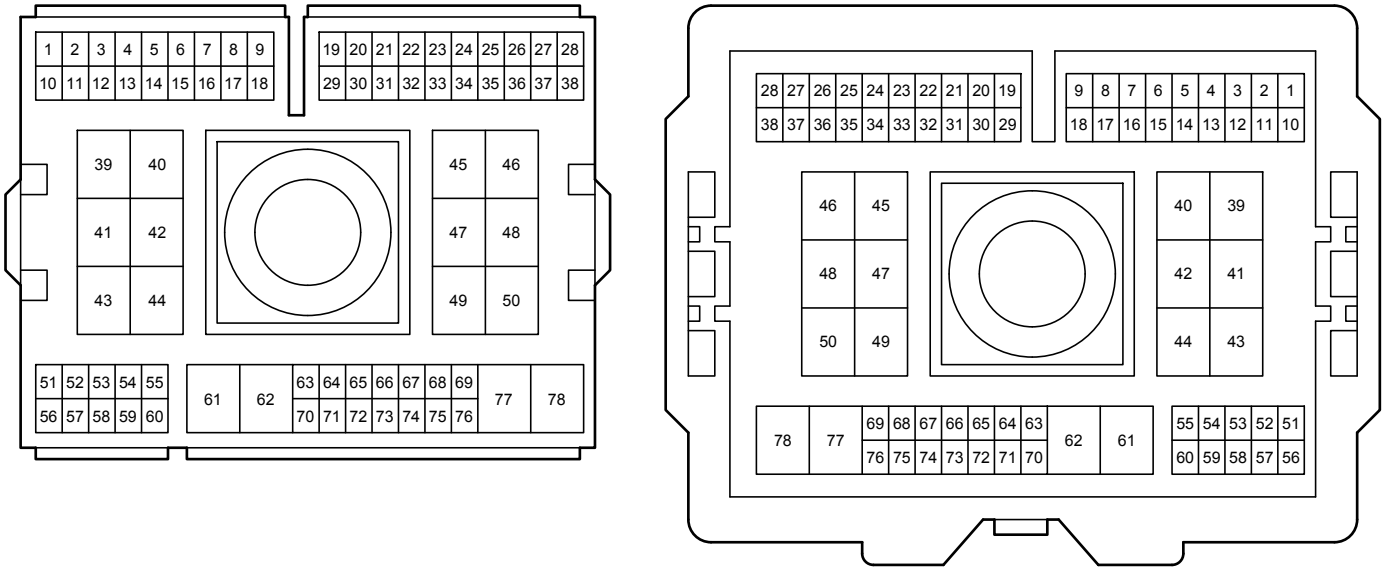
EK1

White

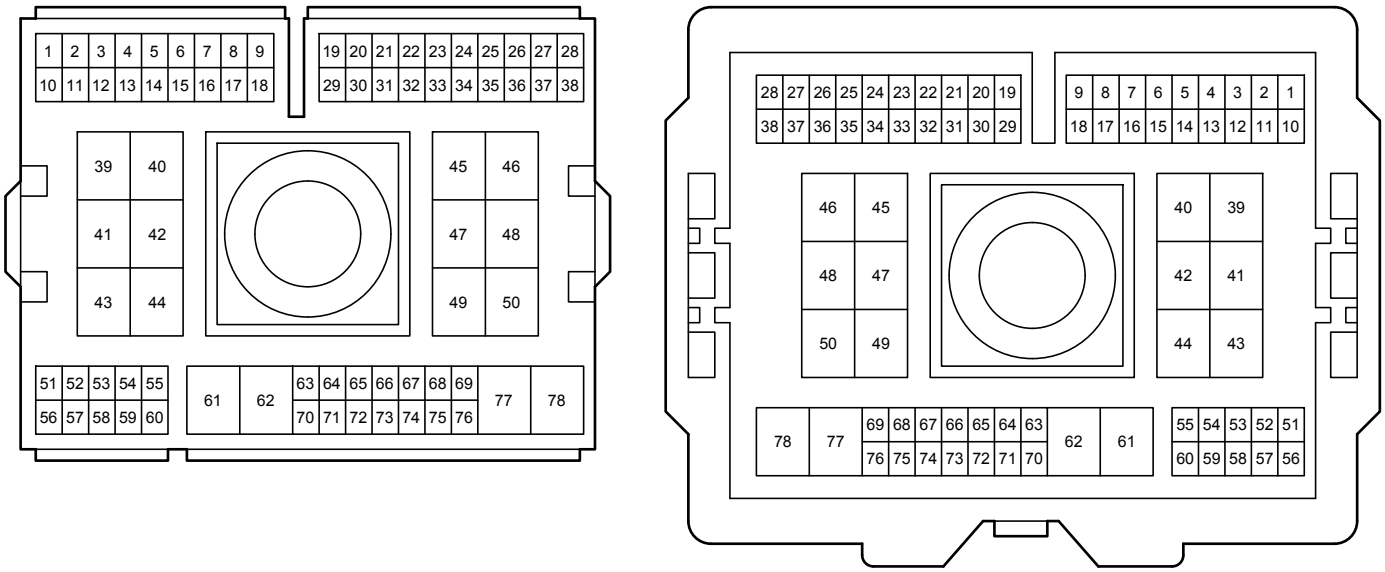
Blue



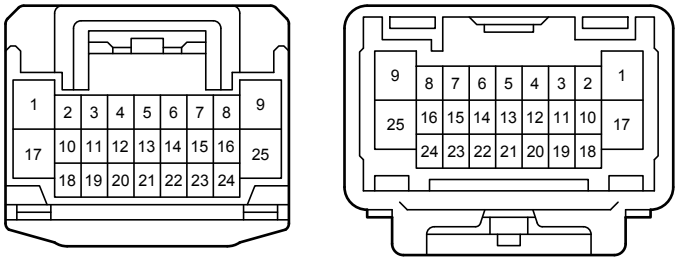
EK2
White

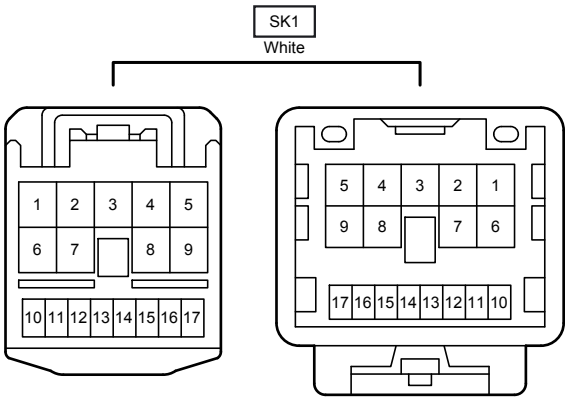


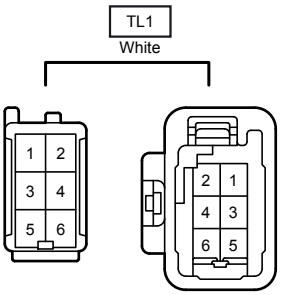
EL1
White

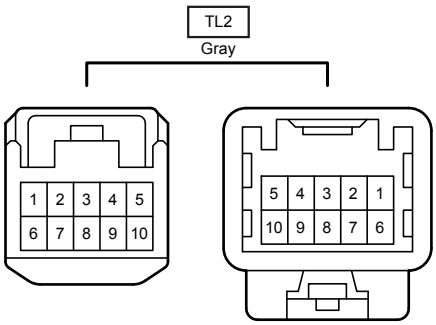


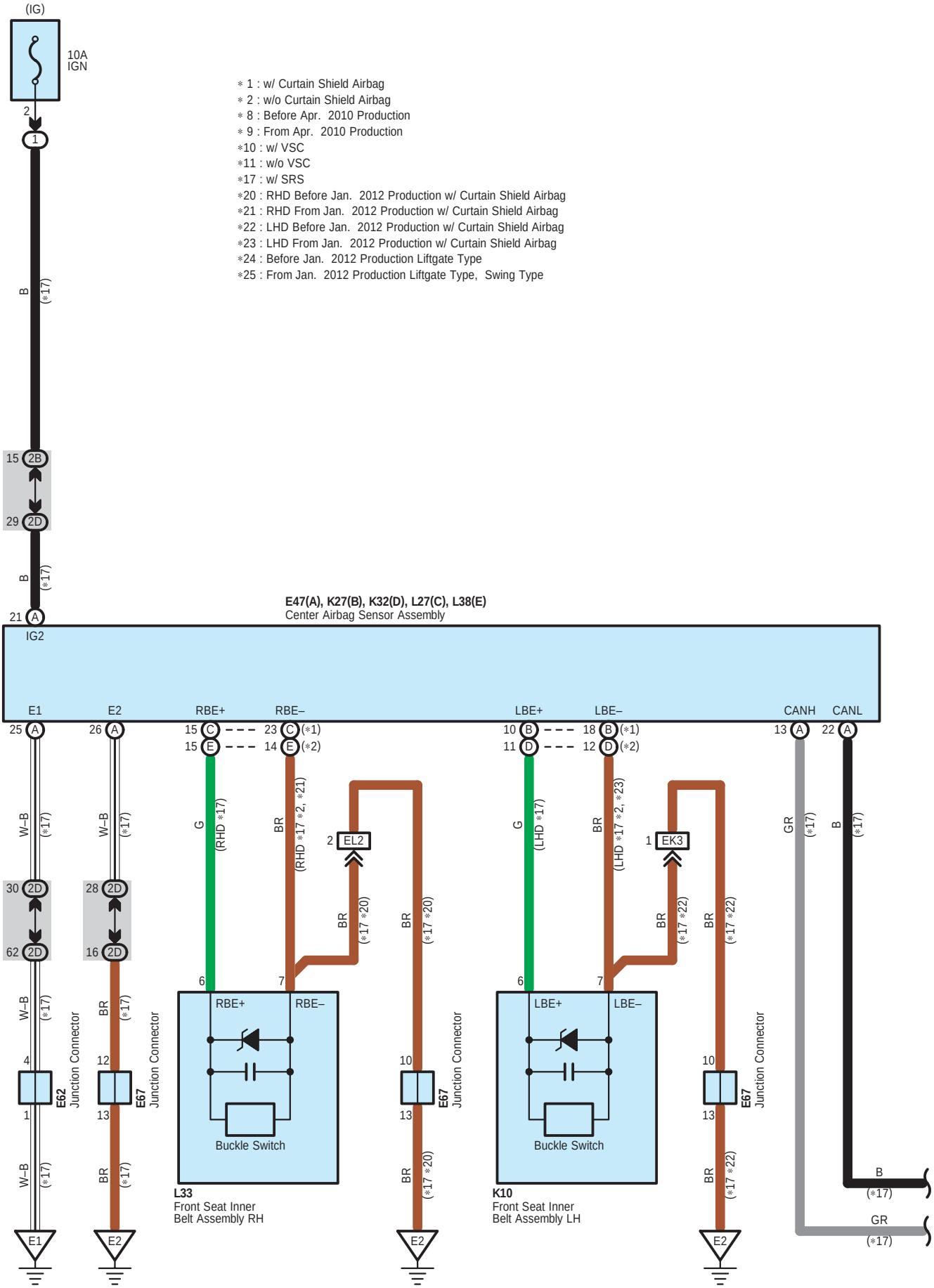
KL1
White

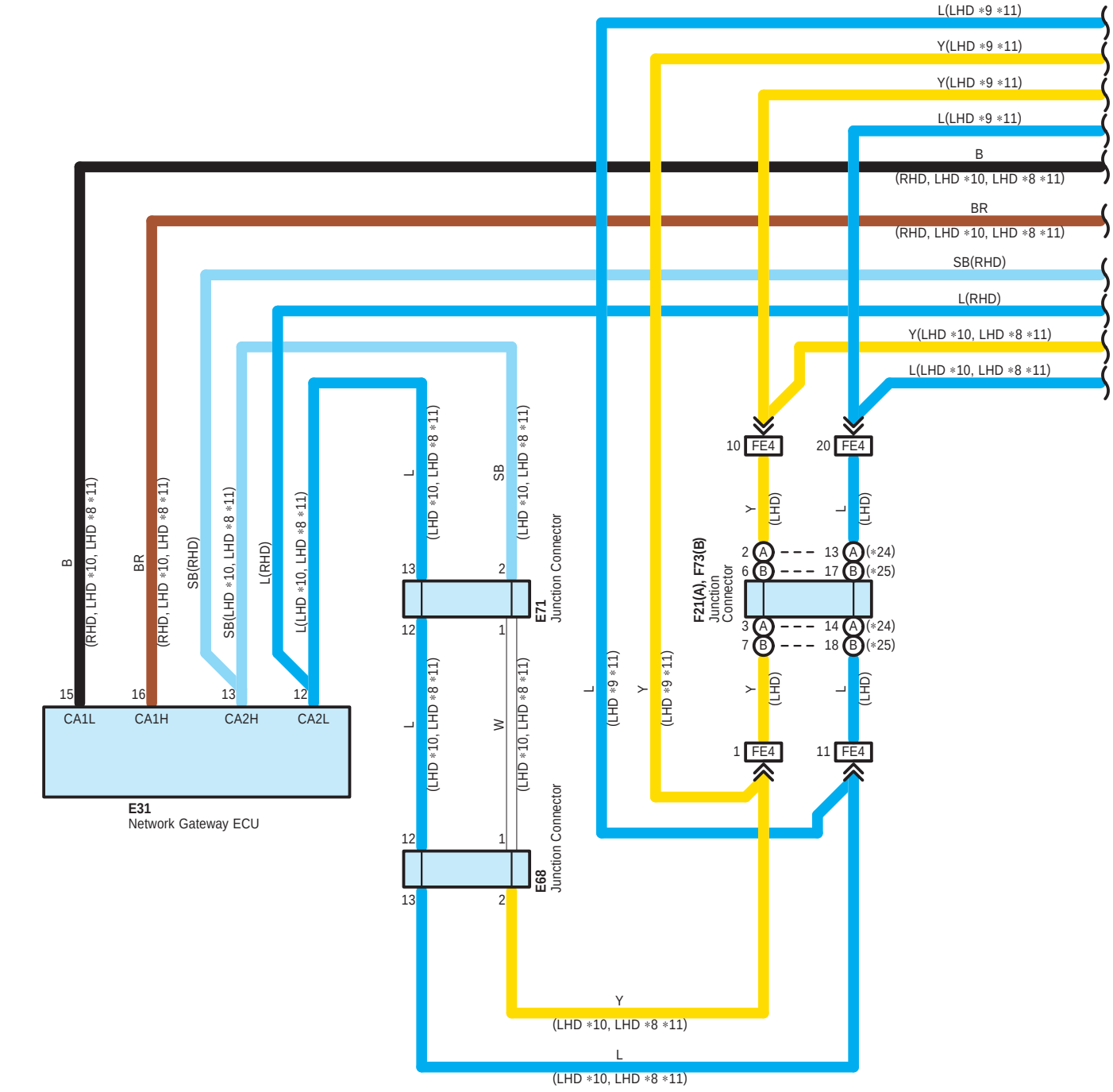



SK1
White
1 2 3 4 5
6 7 8 9
10 11 12 13 14 15 16 17
5 4 3 2 1
9 8 7 6
17 16 15 14 13 12 11 10

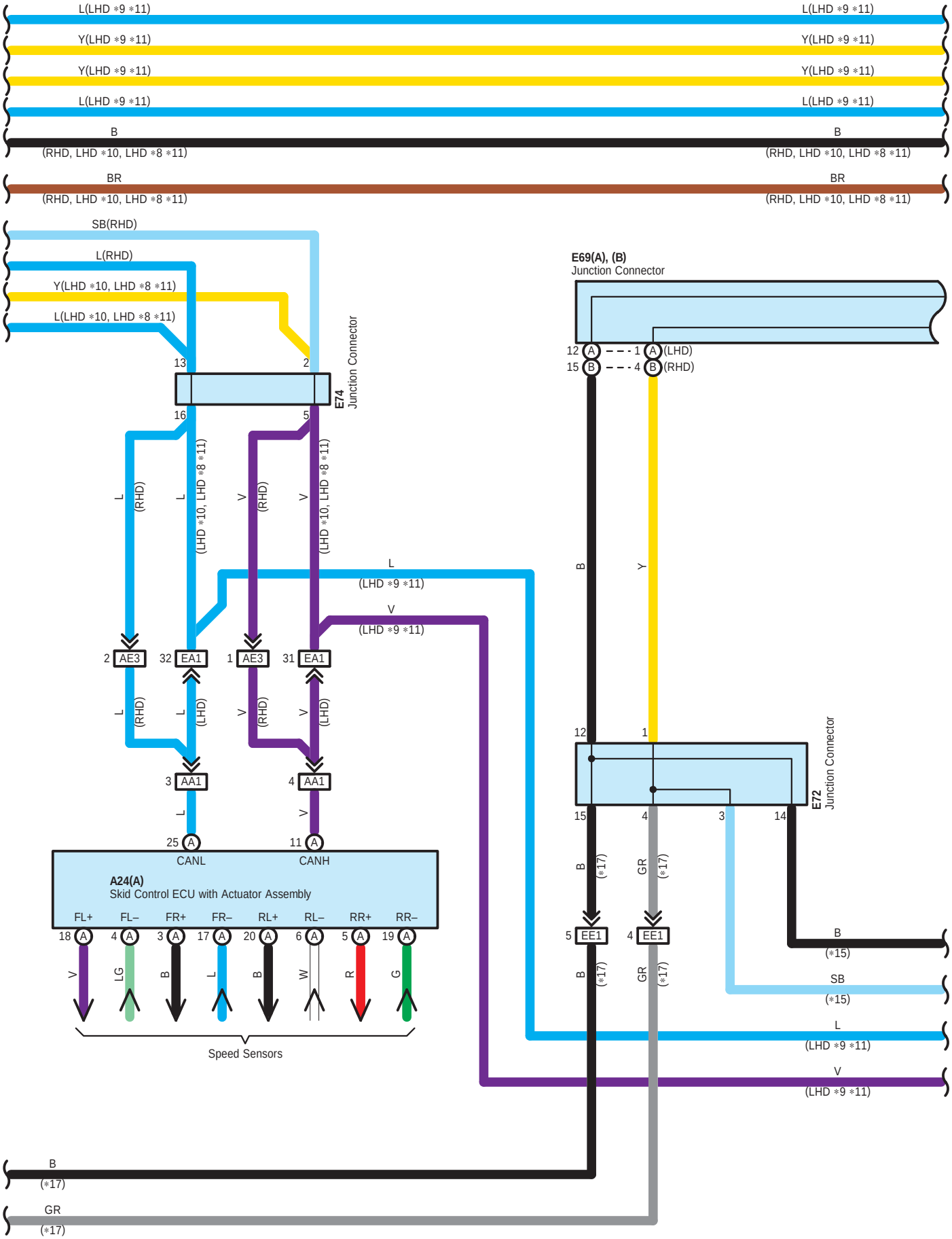

TL1
White
1 2
3 4
5 6
2 1
4 3
6 5


TL2
Gray
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

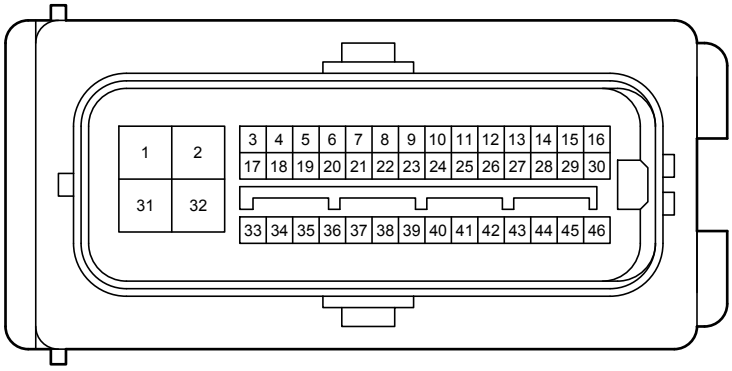

(IG)
10A
IGN
2
1
B
(*17)
15 2B
29 2D
B
(*17)
21 A
IG2
∗ 1 : w/ Curtain Shield Airbag
∗ 2 : w/o Curtain Shield Airbag
∗ 8 : Before Apr. 2010 Production
∗ 9 : From Apr. 2010 Production
∗10 : w/ VSC
∗11 : w/o VSC
∗17 : w/ SRS
∗20 : RHD Before Jan. 2012 Production w/ Curtain Shield Airbag
∗21 : RHD From Jan. 2012 Production w/ Curtain Shield Airbag
∗22 : LHD Before Jan. 2012 Production w/ Curtain Shield Airbag
∗23 : LHD From Jan. 2012 Production w/ Curtain Shield Airbag
∗24 : Before Jan. 2012 Production Liftgate Type
∗25 : From Jan. 2012 Production Liftgate Type, Swing Type
E47(A), K27(B), K32(D), L27(C), L38(E)
Center Airbag Sensor Assembly
E1
E2
RBE+
RBE–
LBE+
LBE–
CANH
CANL
25 A
26 A
15 C
15 E
23 C (∗1)
14 E (∗2)
10 B
11 D
18 B (∗1)
12 D (∗2)
13 A
22 A
W–B (∗17)
G (RHD ∗17)
BR (RHD ∗17 ∗2, ∗21)
G (LHD ∗17)
BR (LHD ∗17 ∗2, ∗23)
GR (∗17)
B (∗17)
30 2D
28 2D
62 2D
16 2D
2 EL2
1 EK3
BR (∗17 ∗20)
BR (∗17 ∗22)
6
7
4
12
1
13
10
E62
E67
Junction Connector
Buckle Switch
L33
Front Seat Inner
Belt Assembly RH
K10
Front Seat Inner
Belt Assembly LH
B (∗17)
GR (∗17)
E1
E2


L(LHD ∗9 ∗11)
Y(LHD ∗9 ∗11)
Y(LHD ∗9 ∗11)
L(LHD ∗9 ∗11)
B
(RHD, LHD ∗10, LHD ∗8 ∗11)
BR
(RHD, LHD ∗10, LHD ∗8 ∗11)
SB(RHD)
L(RHD)
Y(LHD ∗10, LHD ∗8 ∗11)
L(LHD ∗10, LHD ∗8 ∗11)
B
(RHD, LHD ∗10, LHD ∗8 ∗11)
BR
(RHD, LHD ∗10, LHD ∗8 ∗11)
SB(RHD)
SB(LHD ∗10, LHD ∗8 ∗11)
L(RHD)
L(LHD ∗10, LHD ∗8 ∗11)
15
16
13
12
CA1L
CA1H
CA2H
CA2L
E31
Network Gateway ECU
L
(LHD ∗10, LHD ∗8 ∗11)
SB
(LHD ∗10, LHD ∗8 ∗11)
13
2
12
1
E71
Junction Connector
L
(LHD ∗10, LHD ∗8 ∗11)
W
(LHD ∗10, LHD ∗8 ∗11)
12
1
13
2
E68
Junction Connector
L
(LHD ∗10, LHD ∗8 ∗11)
Y
(LHD ∗9 ∗11)
Y
(LHD ∗10, LHD ∗8 ∗11)
L
(LHD ∗10, LHD ∗8 ∗11)
10 FE4
20 FE4
Y
(LHD)
L
(LHD)
2 A
6 B
13 A (∗24)
17 B (∗25)
F21(A), F73(B)
Junction Connector
3 A
7 B
14 A (∗24)
18 B (∗25)
Y
(LHD)
L
(LHD)
1 FE4
11 FE4

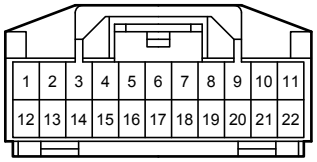

B
(∗17)
B
(∗17)
GR
(∗17)
GR
(∗17)


L(LHD ∗9 ∗11)
Y(LHD ∗9 ∗11)
Y(LHD ∗9 ∗11)
L(LHD ∗9 ∗11)
B
(RHD, LHD ∗10, LHD ∗8 ∗11)
BR
(RHD, LHD ∗10, LHD ∗8 ∗11)
SB(RHD)
L(RHD)
Y(LHD ∗10, LHD ∗8 ∗11)
L(LHD ∗10, LHD ∗8 ∗11)
E74
Junction Connector
E69(A), (B)
Junction Connector
(LHD)
(RHD)
E72
Junction Connector
A24(A)
Skid Control ECU with Actuator Assembly
CANL
CANH
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
Speed Sensors
AE3
EA1
AA1
EE1
(∗15)
(∗17)
(LHD ∗9 ∗11)
(LHD ∗10, LHD ∗8 ∗11)

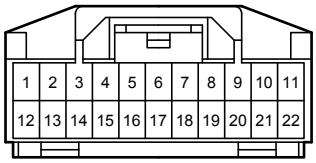
A 24
Black



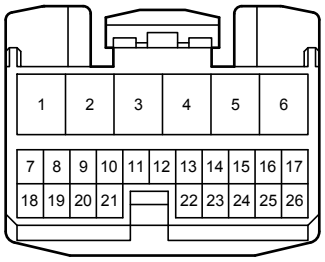
A 37
Blue



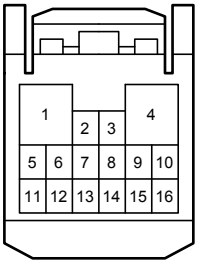
C 44
Blue



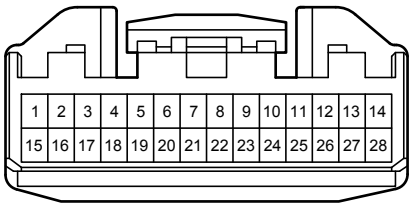
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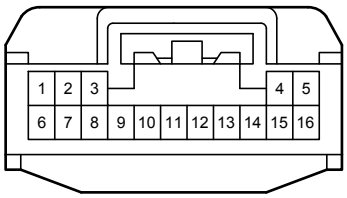
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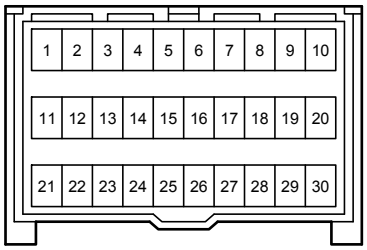
E 7
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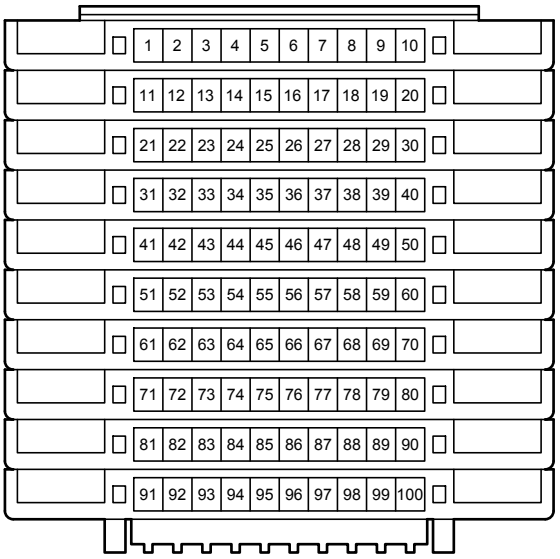
E 31
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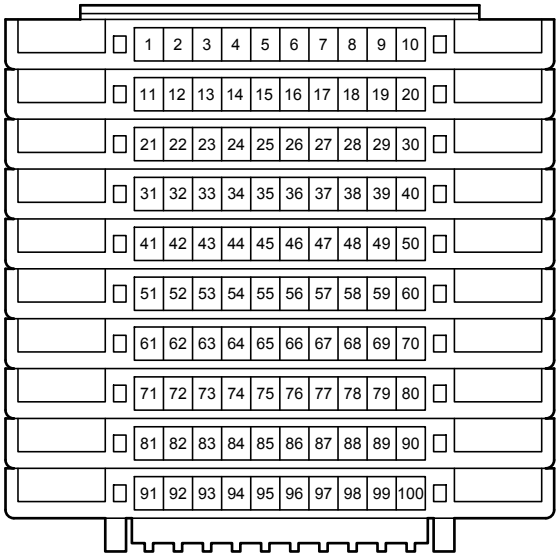
E 47
Yellow



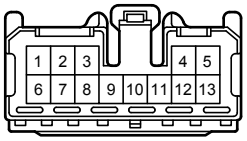
E 59



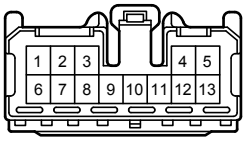
E 60



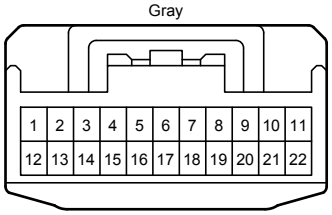
E 62
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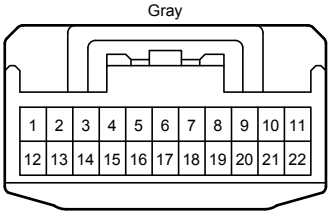
E 67
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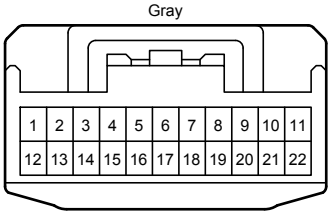
E 68
Gray



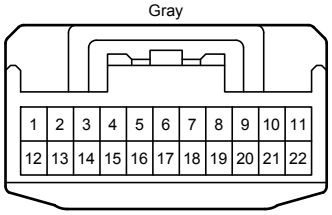
E 69
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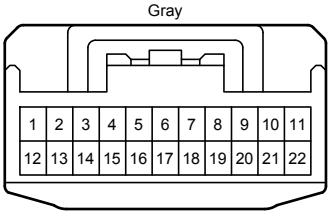
E 71
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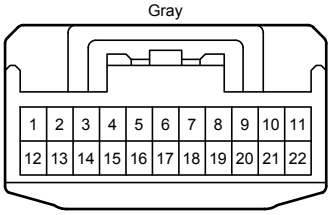
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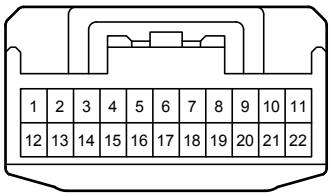
E 74
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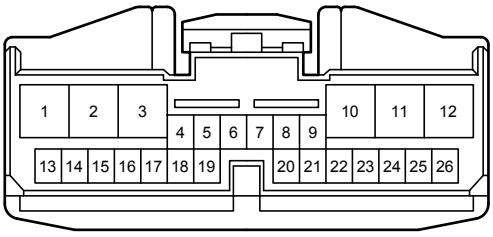
E 75
Gray



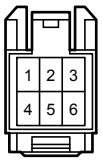
F 21
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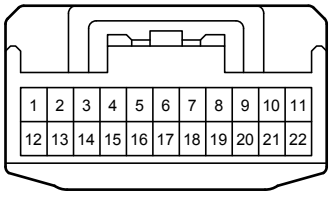
F 28
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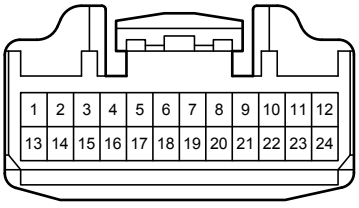
F 62
Blue



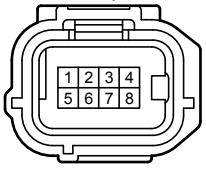
F 73
Blue



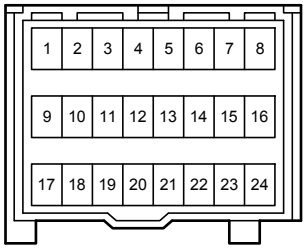
F 79
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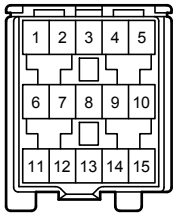
K 10
Gray



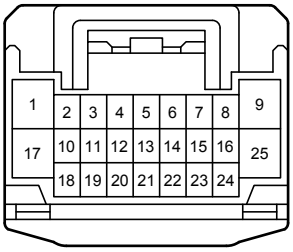
K 27
Yellow



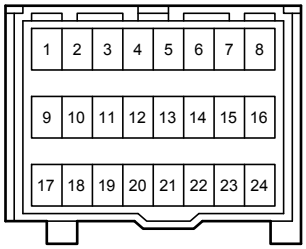
K 32
Yellow



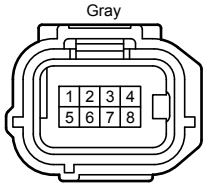
K 43
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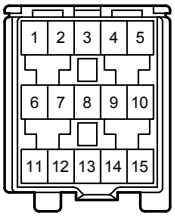
L 27
Yellow



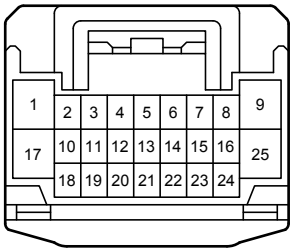
L 33
Gray



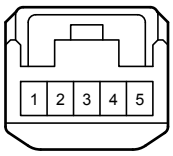
L 38
Yellow



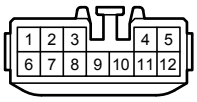
L 49
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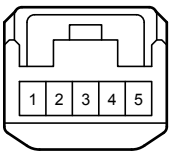
c 7
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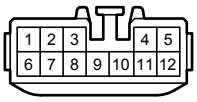
c 12
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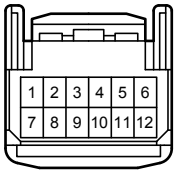
c 22
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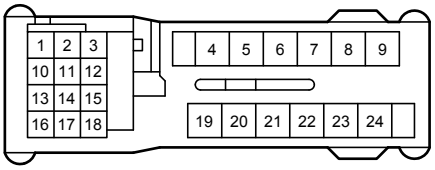
c 23
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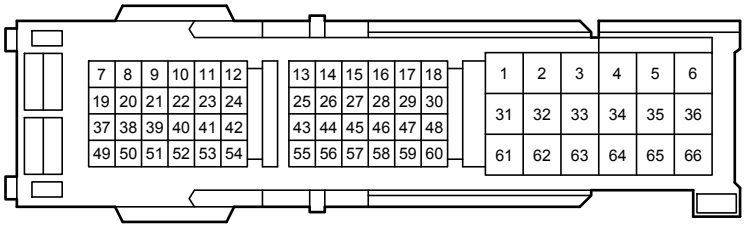
g 1
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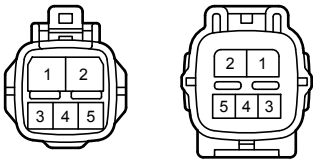
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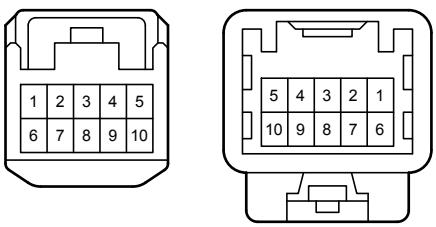
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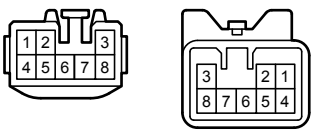
AA1
Gray



AE3
Gray

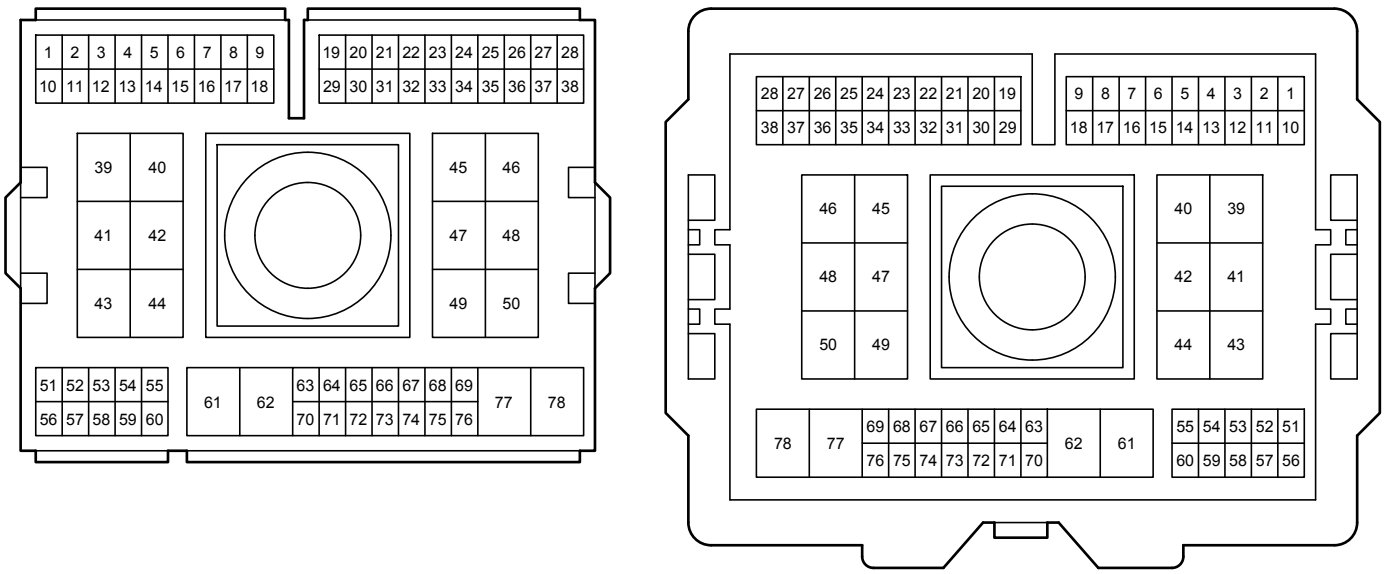


AL1
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EA1

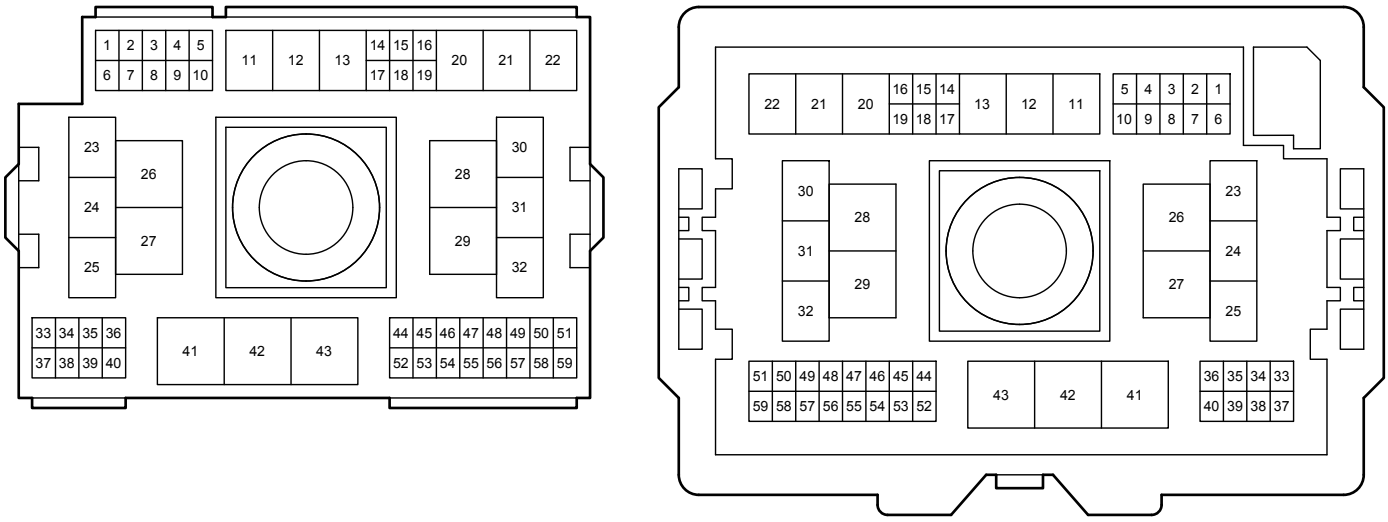
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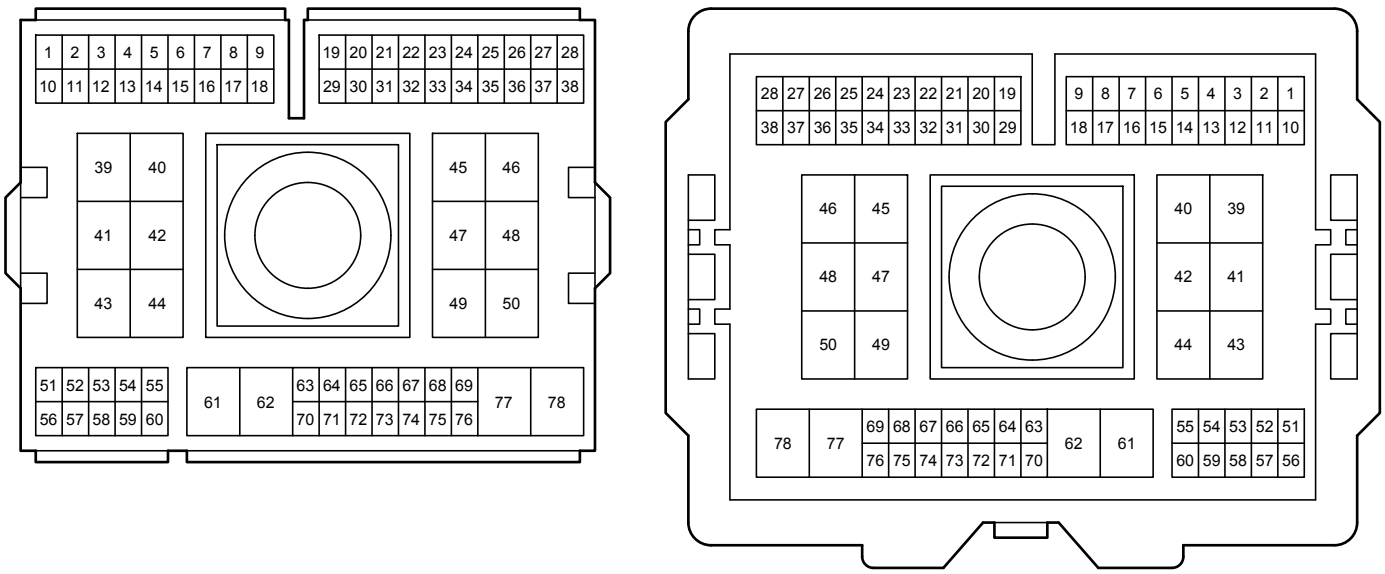
EA2

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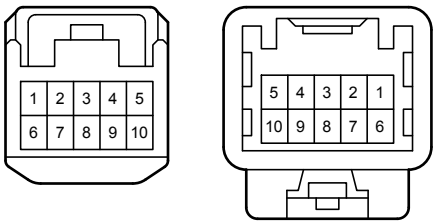
Gray



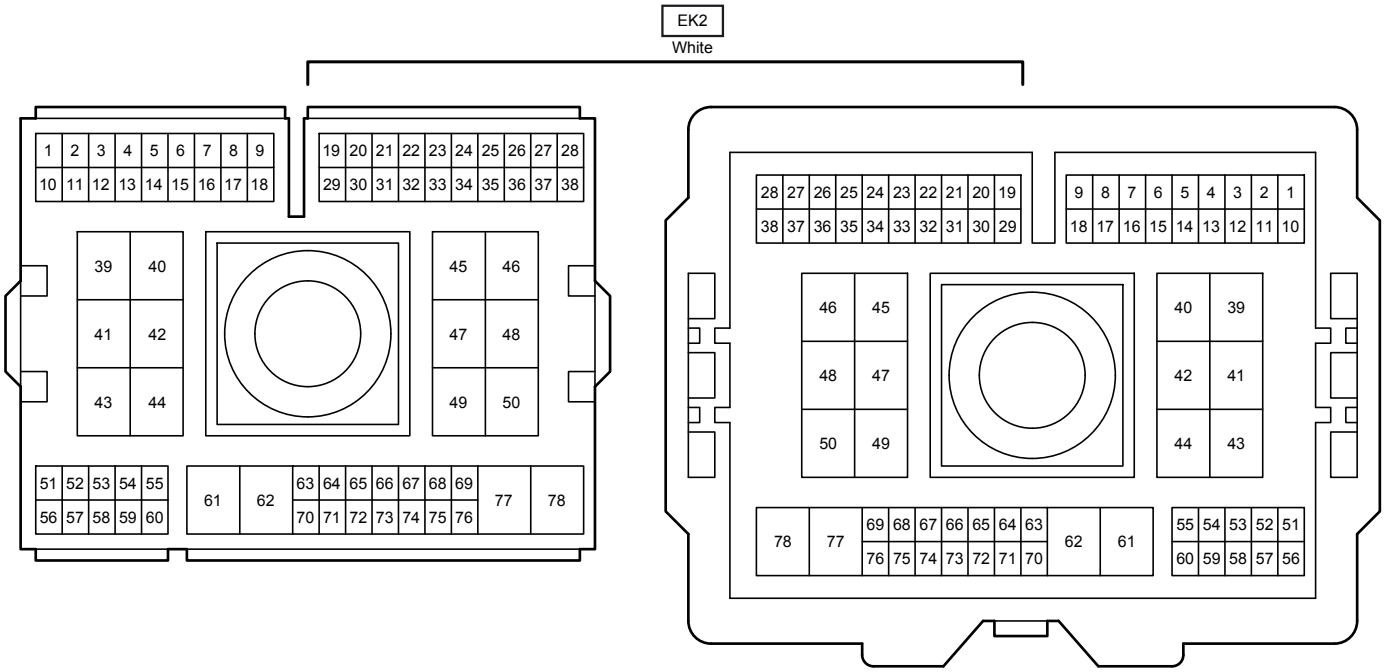
EA3
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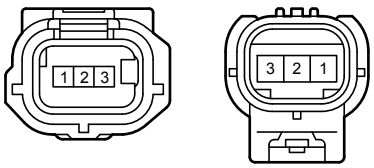
EE1
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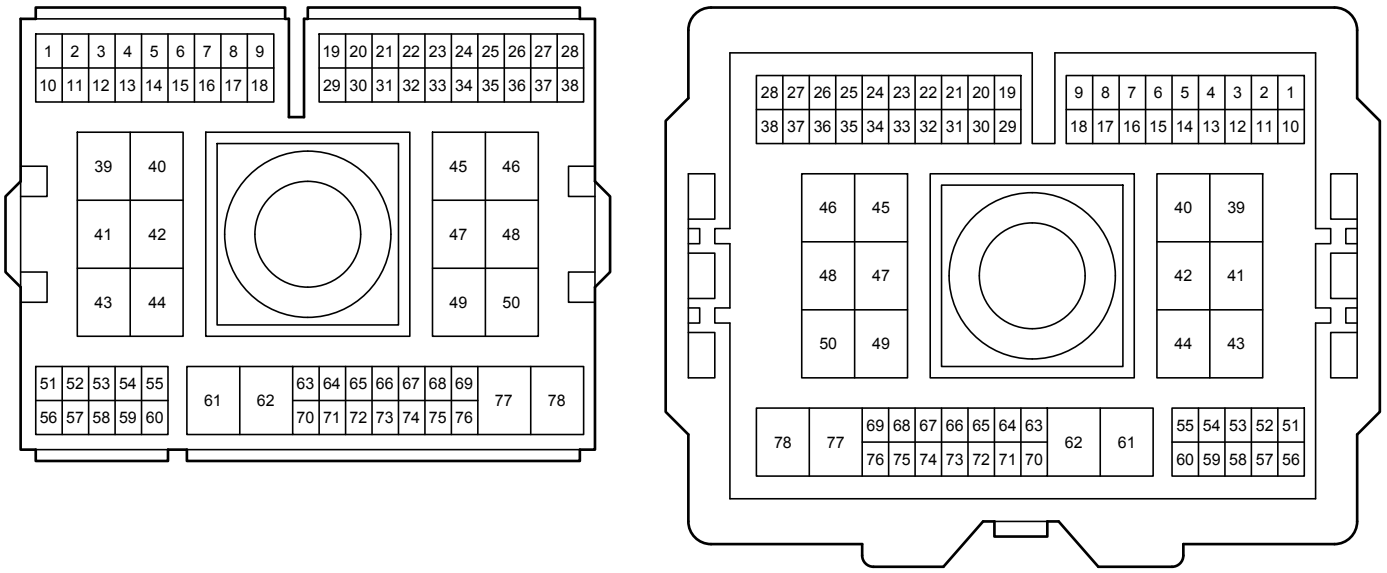
EK2
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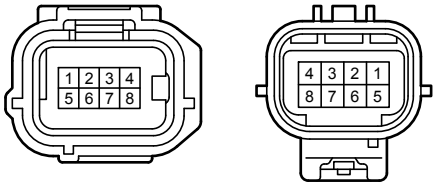
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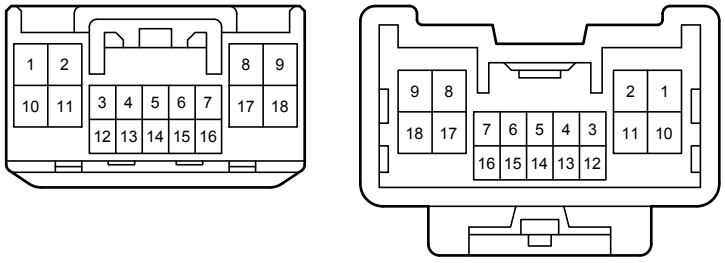
EL1
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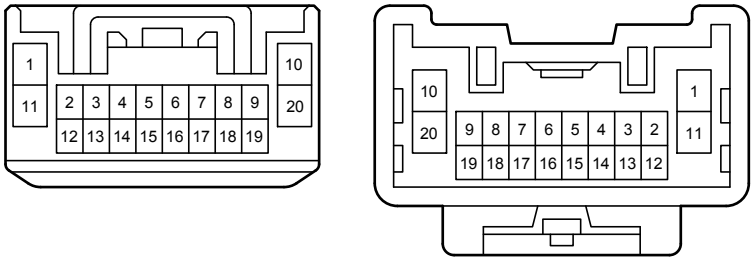
EL2
Gray



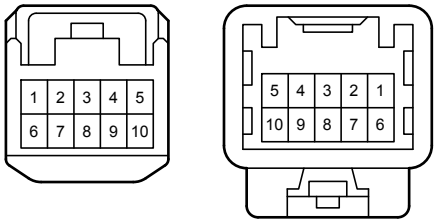
FE1
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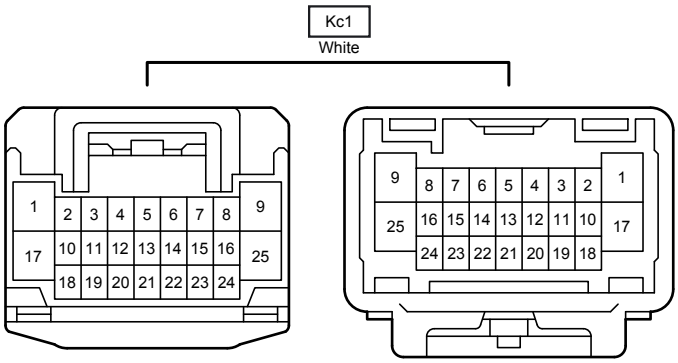


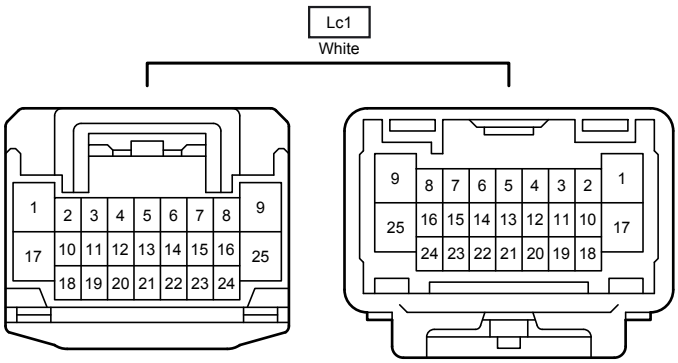
FE4
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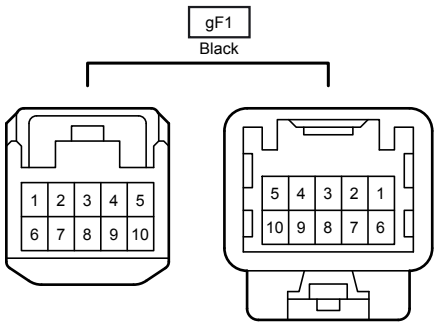


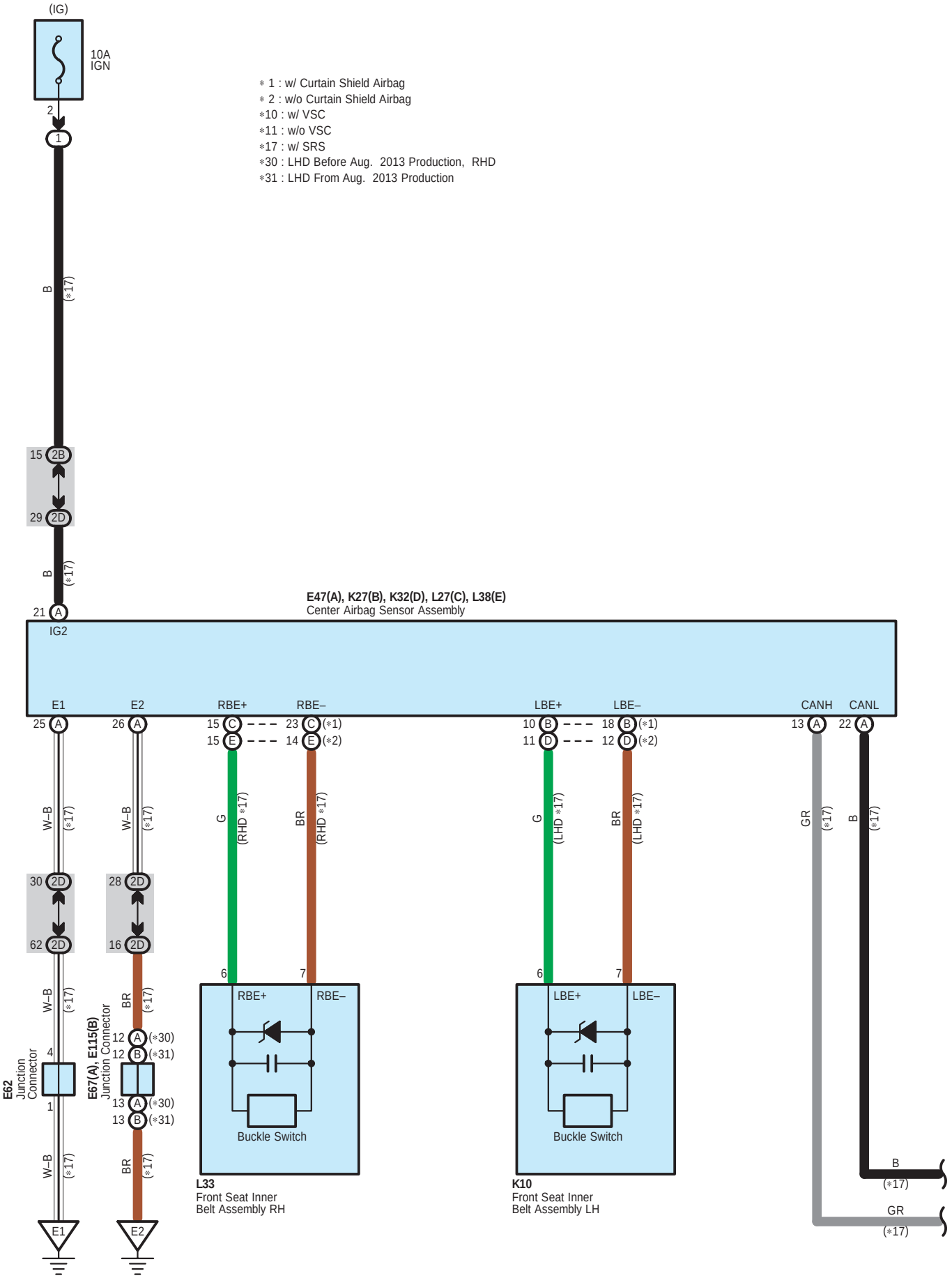
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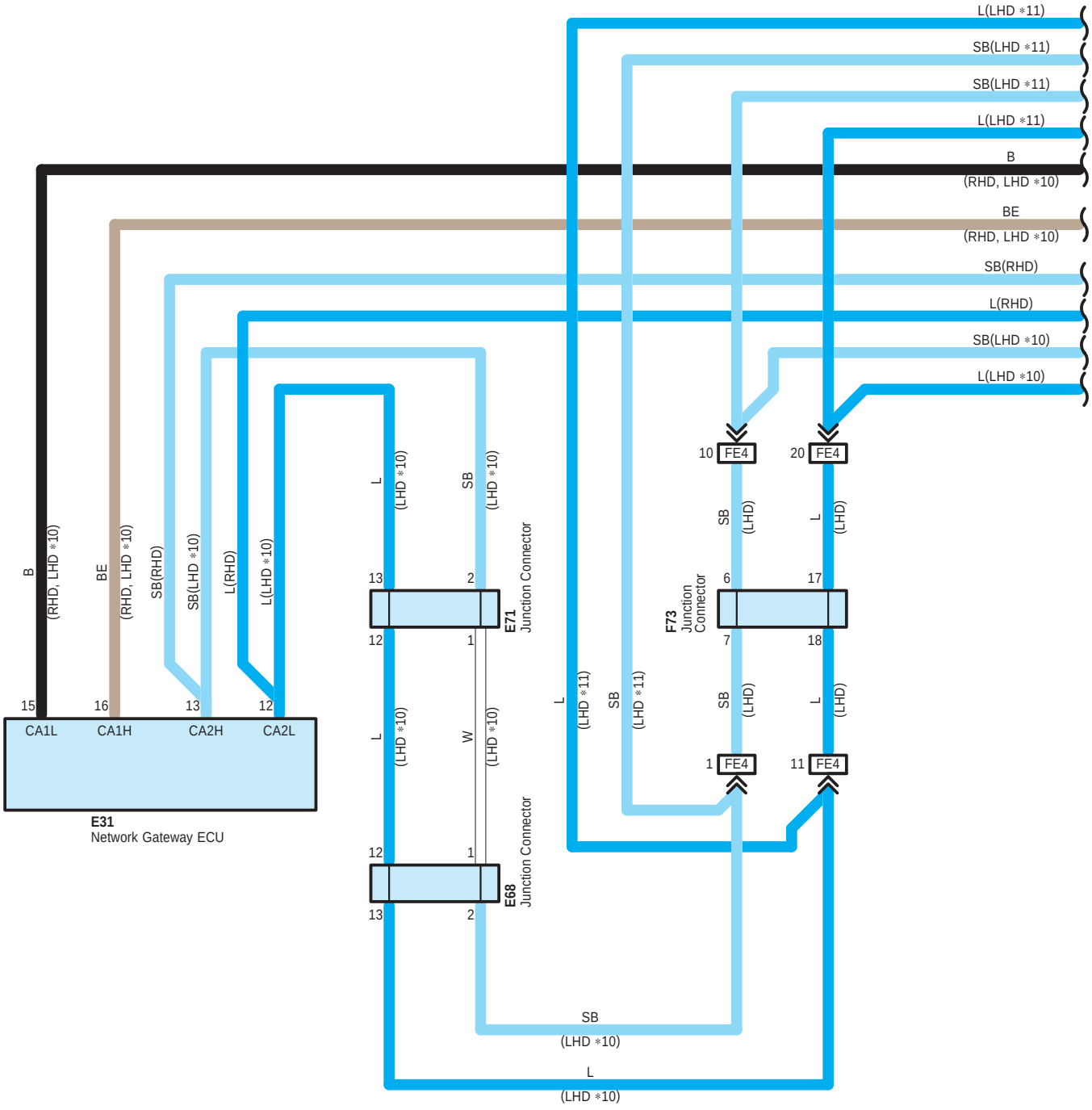



Kc1
White
1 2 3 4 5 6 7 8 9
17 10 11 12 13 14 15 16 25
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18

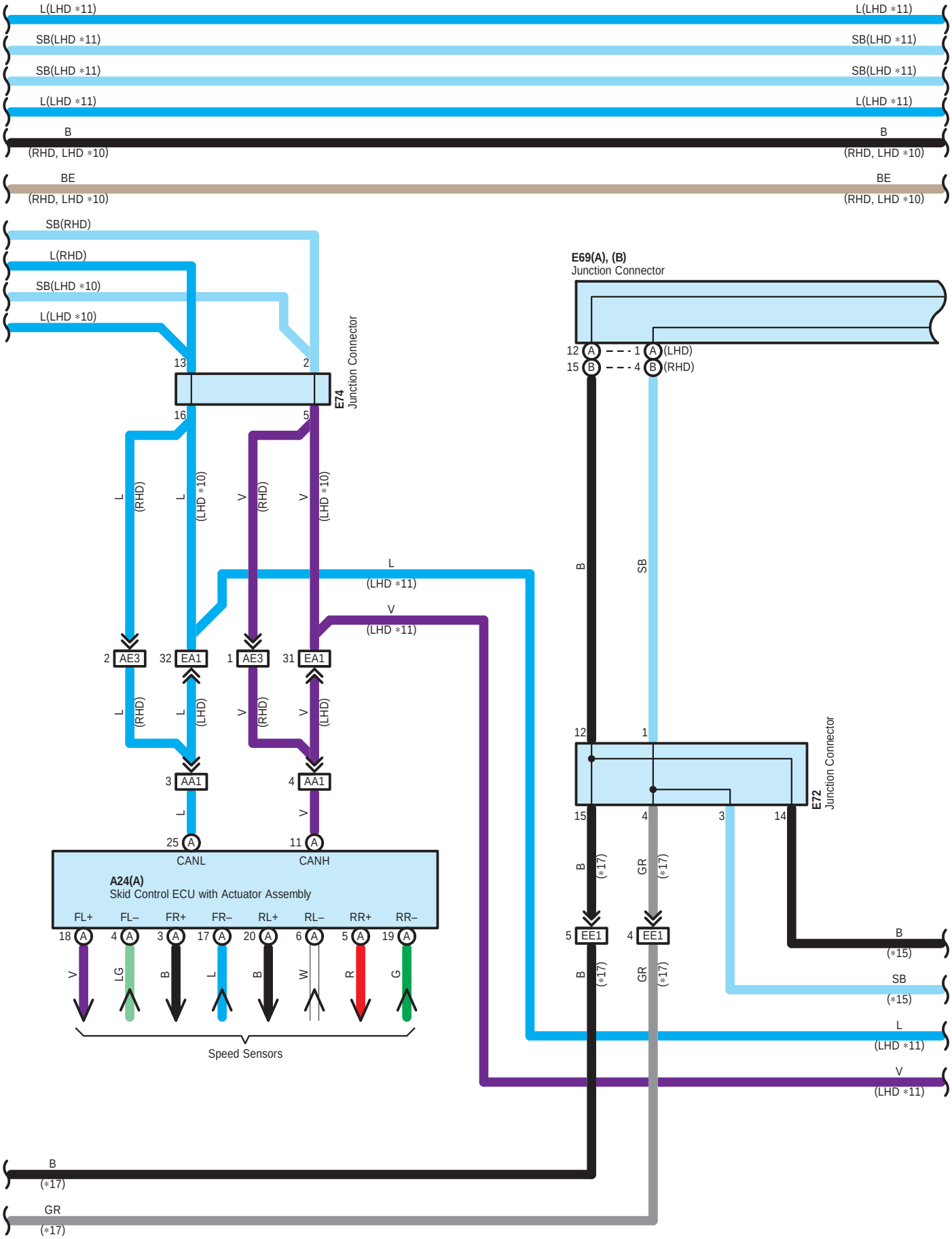

Lc1
White
1 2 3 4 5 6 7 8 9
17 10 11 12 13 14 15 16 25
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18

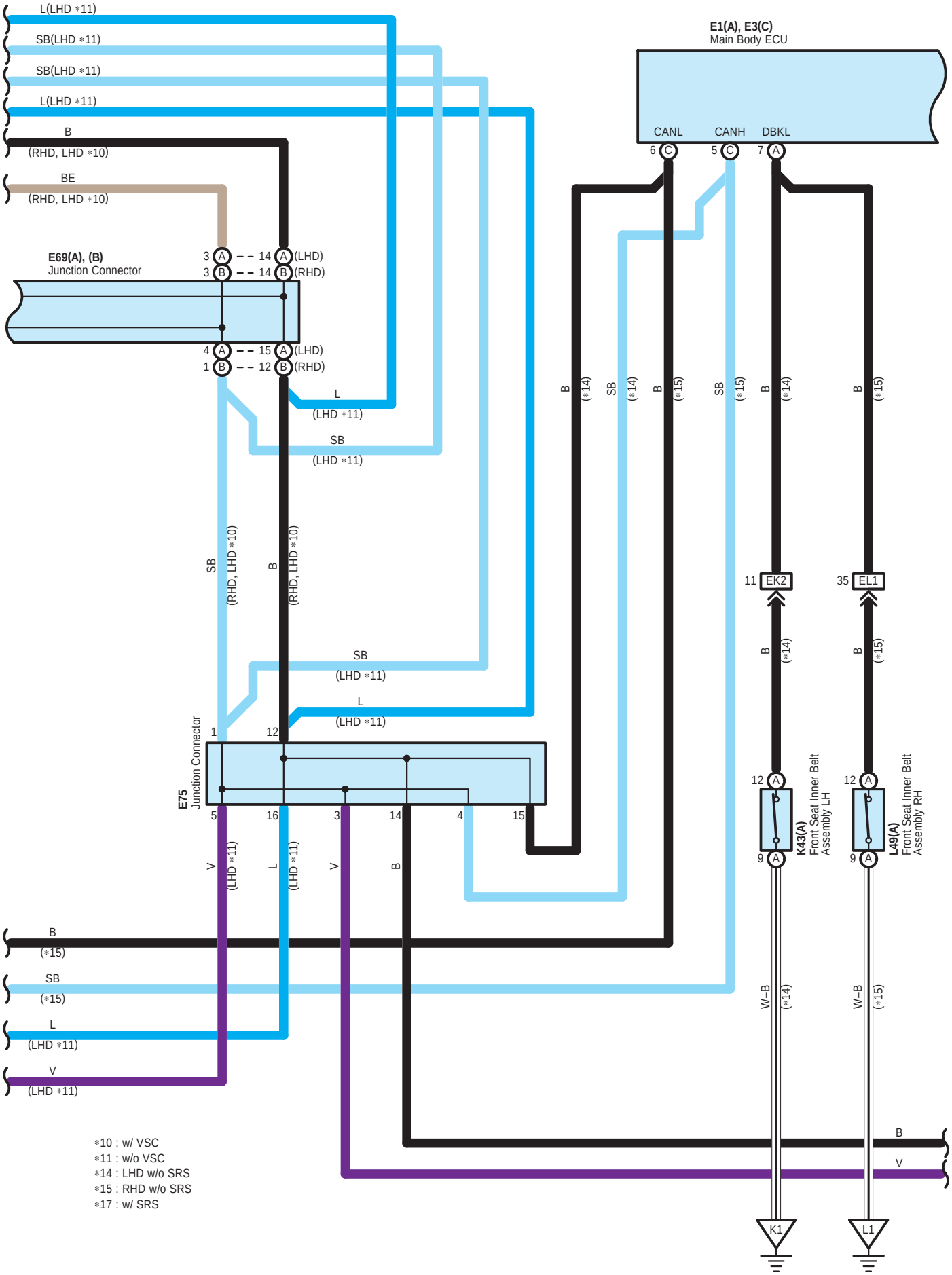

gF1
Black
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

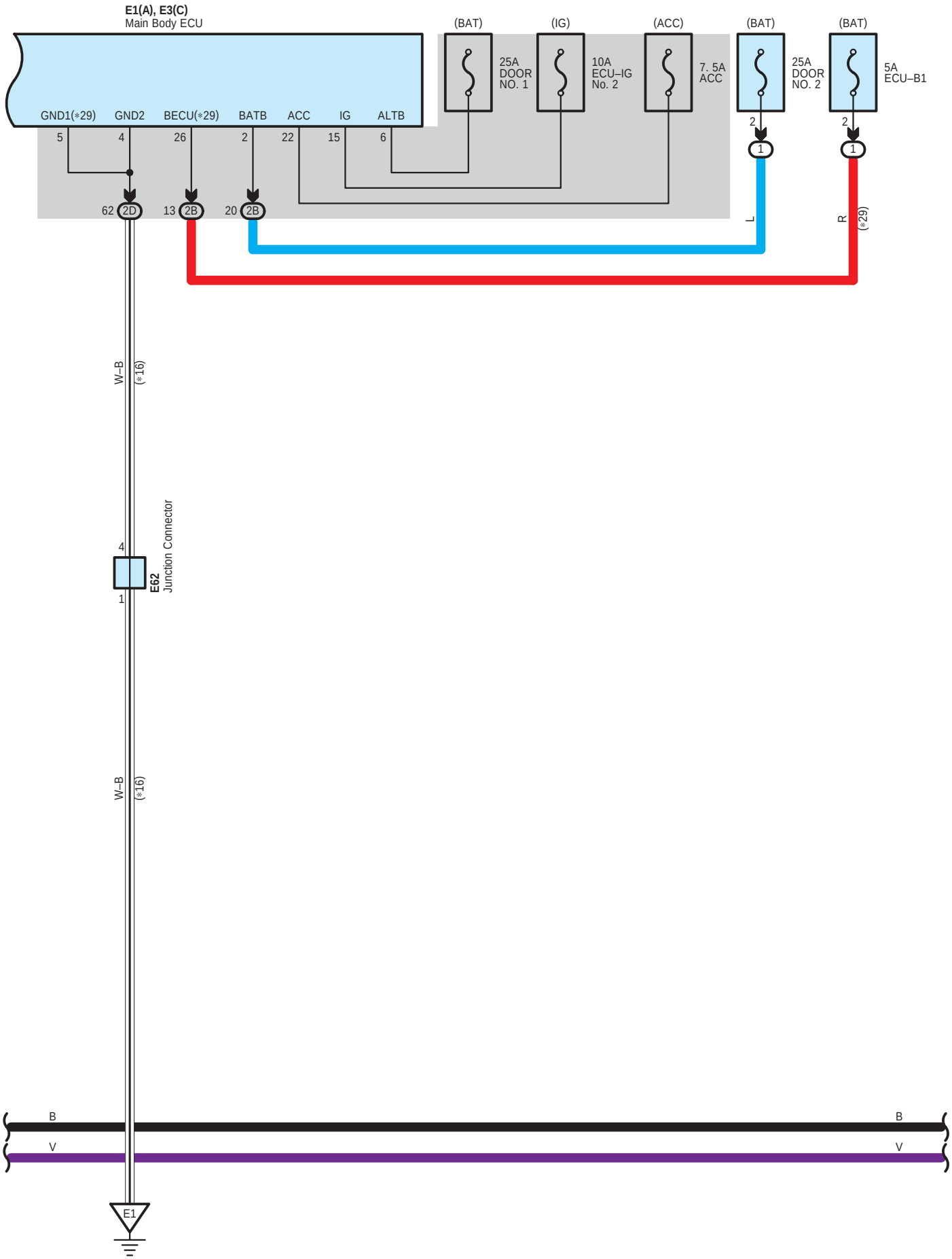

(IG)
10A
IGN
2
1
B
(∗17)
15 2B
29 2D
B
(∗17)
21 A
IG2
∗ 1 : w/ Curtain Shield Airbag
∗ 2 : w/o Curtain Shield Airbag
∗10 : w/ VSC
∗11 : w/o VSC
∗17 : w/ SRS
∗30 : LHD Before Aug. 2013 Production, RHD
∗31 : LHD From Aug. 2013 Production
E47(A), K27(B), K32(D), L27(C), L38(E)
Center Airbag Sensor Assembly
E1
E2
RBE+
RBE–
LBE+
LBE–
CANH
CANL
25 A
26 A
15 C
15 E
23 C (∗1)
14 E (∗2)
10 B
11 D
18 B (∗1)
12 D (∗2)
13 A
22 A
W–B
(∗17)
G
(RHD ∗17)
BR
(RHD ∗17)
G
(LHD ∗17)
BR
(LHD ∗17)
GR
(∗17)
B
(∗17)
30 2D
28 2D
62 2D
16 2D
6
7
RBE+
RBE–
LBE+
LBE–
Buckle Switch
Buckle Switch
E62
Junction
Connector
4
1
E67(A), E115(B)
Junction Connector
12 A (∗30)
12 B (∗31)
13 A (∗30)
13 B (∗31)
L33
Front Seat Inner
Belt Assembly RH
K10
Front Seat Inner
Belt Assembly LH
B
(∗17)
GR
(∗17)
E1
E2

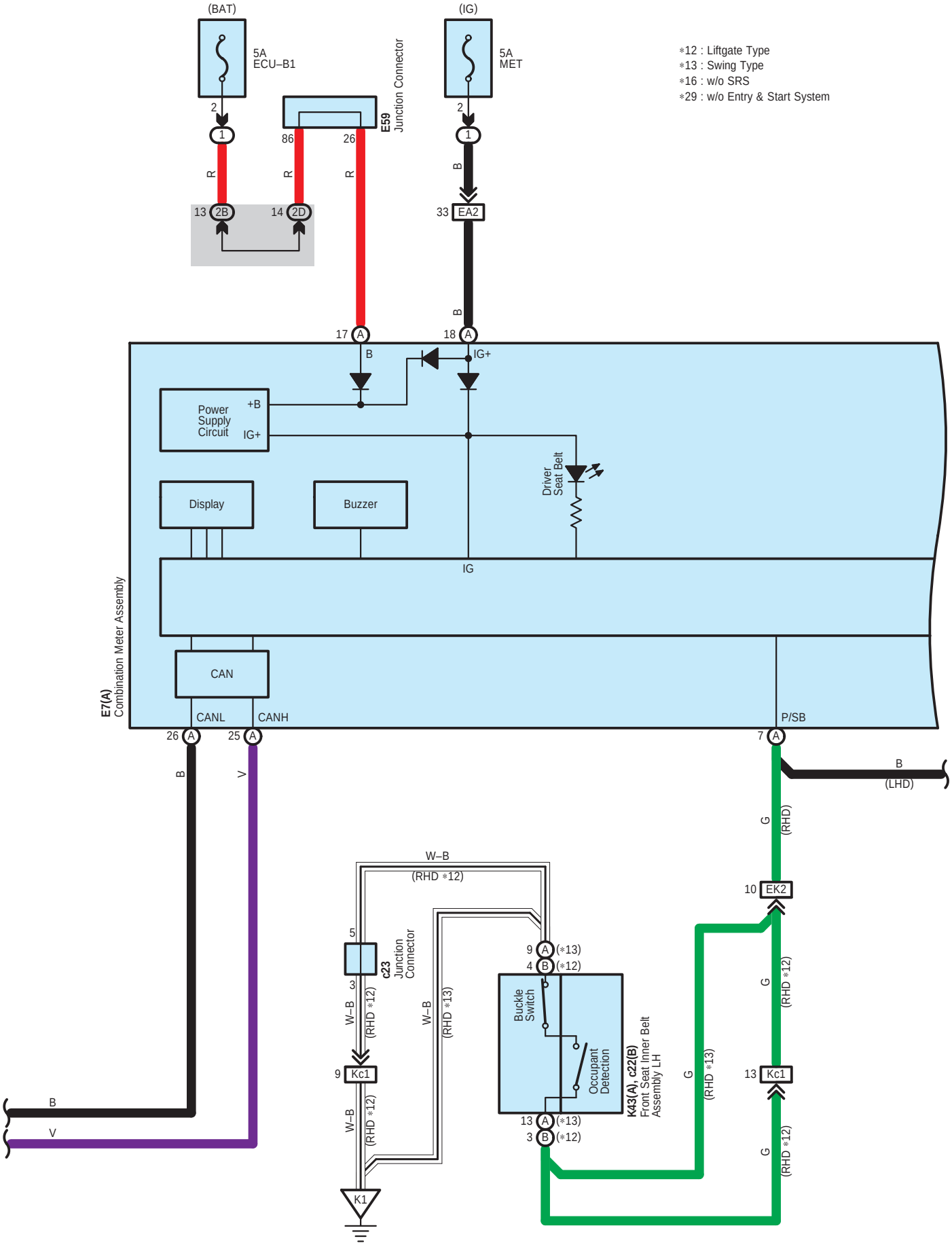

L(LHD ∗11)
SB(LHD ∗11)
SB(LHD ∗11)
L(LHD ∗11)
B
(RHD, LHD ∗10)
BE
(RHD, LHD ∗10)
SB(RHD)
L(RHD)
SB(LHD ∗10)
L(LHD ∗10)
B (RHD, LHD ∗10)
BE (RHD, LHD ∗10)
SB(RHD)
SB(LHD ∗10)
L(RHD)
L(LHD ∗10)
15 CA1L
16 CA1H
13 CA2H
12 CA2L
E31
Network Gateway ECU
L (LHD ∗10)
SB (LHD ∗10)
13
2
12
1
E71
Junction Connector
L (LHD ∗10)
W (LHD ∗10)
12
1
13
2
E68
Junction Connector
10 FE4
20 FE4
SB (LHD)
L (LHD)
F73
Junction
Connector
6
17
7
18
SB (LHD)
L (LHD)
1 FE4
11 FE4
L (LHD ∗11)
SB (LHD ∗11)
SB (LHD ∗10)
L (LHD ∗10)

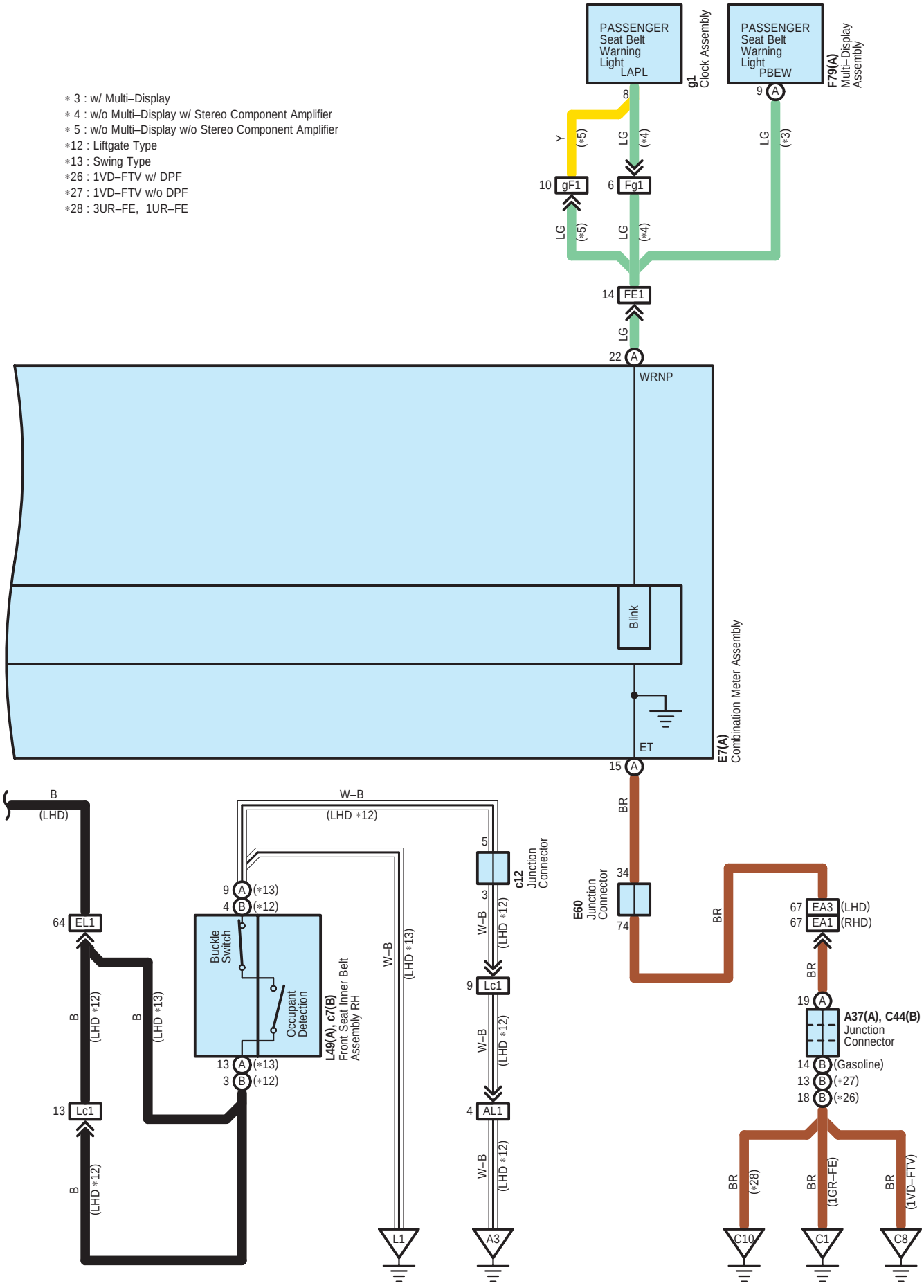

B
(∗17)
B
(∗17)
GR
(∗17)
GR
(∗17)


L(LHD ∗11)
SB(LHD ∗11)
SB(LHD ∗11)
L(LHD ∗11)
B
(RHD, LHD ∗10)
BE
(RHD, LHD ∗10)
SB(RHD)
L(RHD)
SB(LHD ∗10)
L(LHD ∗10)
E74
Junction Connector
E69(A), (B)
Junction Connector
(LHD)
(RHD)
E72
Junction Connector
A24(A)
Skid Control ECU with Actuator Assembly
CANL
CANH
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
Speed Sensors
AE3
EA1
AA1
EE1
(RHD)
(LHD)
(LHD ∗10)
(LHD ∗11)
(∗15)
(∗17)

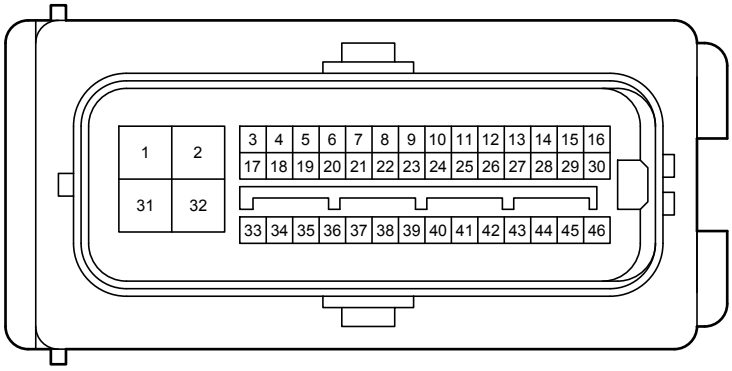

L(LHD ∗11)
SB(LHD ∗11)
SB(LHD ∗11)
L(LHD ∗11)
B
(RHD, LHD ∗10)
BE
(RHD, LHD ∗10)
E69(A), (B)
Junction Connector
3 A – – 14 A (LHD)
3 B – – 14 B (RHD)
4 A – – 15 A (LHD)
1 B – – 12 B (RHD)
E1(A), E3(C)
Main Body ECU
CANL
CANH
DBKL
6 C
5 C
7 A
L
(LHD ∗11)
SB
(LHD ∗11)
B
(∗14)
SB
(∗14)
B
(∗15)
SB
(∗15)
B
(∗14)
B
(∗15)
SB
(RHD, LHD ∗10)
B
(RHD, LHD ∗10)
SB
(LHD ∗11)
L
(LHD ∗11)
11 EK2
35 EL1
E75
Junction Connector
1
12
5
16
3
14
4
15
V
(LHD ∗11)
L
(LHD ∗11)
V
B
12 A
9 A
K43(A)
Front Seat Inner Belt
Assembly LH
12 A
9 A
L49(A)
Front Seat Inner Belt
Assembly RH
B
(∗15)
SB
(∗15)
L
(LHD ∗11)
V
(LHD ∗11)
W–B
(∗14)
W–B
(∗15)
B
V
K1
L1
∗10 : w/ VSC
∗11 : w/o VSC
∗14 : LHD w/o SRS
∗15 : RHD w/o SRS
∗17 : w/ SRS


E1(A), E3(C)
Main Body ECU
GND1(*29)
GND2
BECU(*29)
BATB
ACC
IG
ALTB
5
4
26
2
22
15
6
(BAT)
(IG)
(ACC)
(BAT)
(BAT)
25A
DOOR
NO. 1
10A
ECU–IG
No. 2
7. 5A
ACC
25A
DOOR
NO. 2
5A
ECU–B1
2
1
2
1
62
2D
13
2B
20
2B
L
R
(*29)
W–B
(*16)
4
E62
Junction Connector
1
W–B
(*16)
B
V
B
V
E1

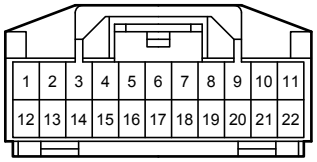

(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction Connector
∗12 : Liftgate Type
∗13 : Swing Type
∗16 : w/o SRS
∗29 : w/o Entry & Start System
2
1
86
26
R
13 2B
14 2D
33 EA2
B
17 A
18 A
IG+
Power Supply Circuit
+B
IG+
Display
Buzzer
Driver Seat Belt
IG
E7(A)
Combination Meter Assembly
CAN
CANL
CANH
P/SB
26 A
25 A
7 A
B
V
(LHD)
G
(RHD)
10 EK2
W–B
(RHD ∗12)
5
c23
Junction Connector
3
9 Kc1
K1
(RHD ∗13)
9 A (∗13)
4 B (∗12)
Buckle Switch
Occupant Detection
K43(A), c22(B)
Front Seat Inner Belt Assembly LH
13 A (∗13)
3 B (∗12)
13 Kc1


∗ 3 : w/ Multi–Display
∗ 4 : w/o Multi–Display w/ Stereo Component Amplifier
∗ 5 : w/o Multi–Display w/o Stereo Component Amplifier
∗12 : Liftgate Type
∗13 : Swing Type
∗26 : 1VD–FTV w/ DPF
∗27 : 1VD–FTV w/o DPF
∗28 : 3UR–FE, 1UR–FE
PASSENGER Seat Belt Warning Light LAPL
g1 Clock Assembly
PASSENGER Seat Belt Warning Light PBEW
F79(A) Multi–Display Assembly
8
9 A
Y (∗5)
LG (∗4)
LG (∗3)
10 gF1
6 Fg1
LG (∗5)
LG (∗4)
14 FE1
LG
22 A
WRNP
Blink
ET
E7(A) Combination Meter Assembly
15 A
B (LHD)
W–B (LHD ∗12)
BR
34
74
E60 Junction Connector
67 EA3 (LHD)
67 EA1 (RHD)
BR
19 A
A37(A), C44(B) Junction Connector
14 B (Gasoline)
13 B (∗27)
18 B (∗26)
BR (∗28)
BR (1GR–FE)
BR (1VD–FTV)
C10
C1
C8
64 EL1
B (LHD ∗12)
B (LHD ∗13)
13 Lc1
B (LHD ∗12)
9 A (∗13)
4 B (∗12)
Buckle Switch
Occupant Detection
13 A (∗13)
3 B (∗12)
L49(A), c7(B) Front Seat Inner Belt Assembly RH
W–B (LHD ∗13)
L1
5
c12 Junction Connector
3
W–B (LHD ∗12)
9 Lc1
W–B (LHD ∗12)
4 AL1
W–B (LHD ∗12)
A3

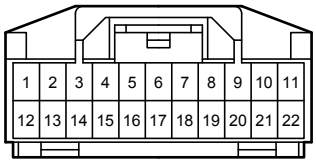
A 24
Black



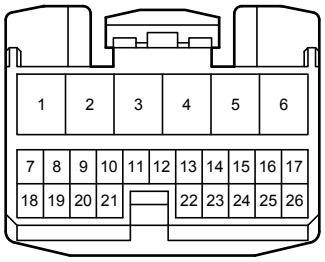
A 37
Blue



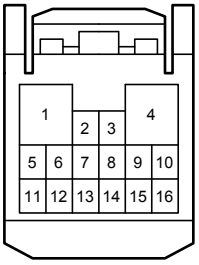
C 44
Blue



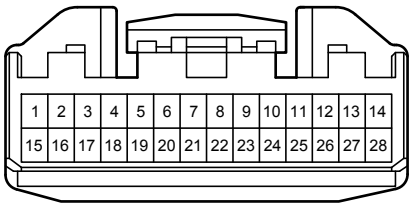
E 1
White



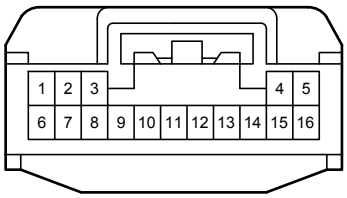
E 3
White



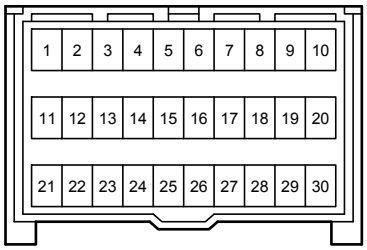
E 7
White



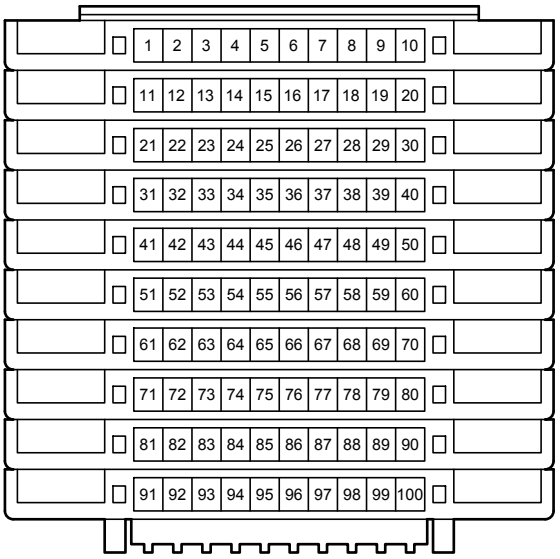
E 31
White



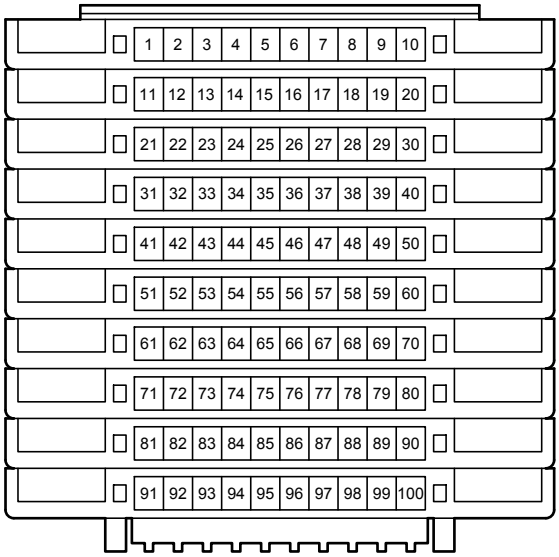
E 47
Yellow



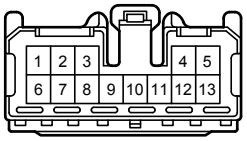
E 59



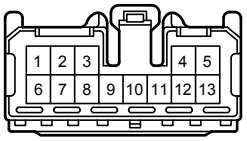
E 60



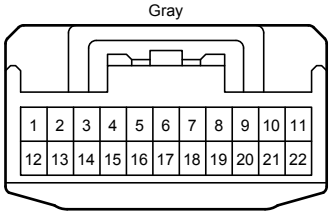
E 62
White



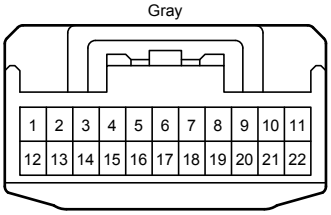
E 67
White



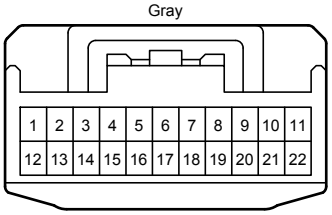
E 68
Gray



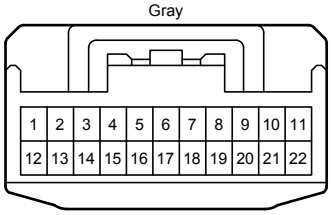
E 69
Gray



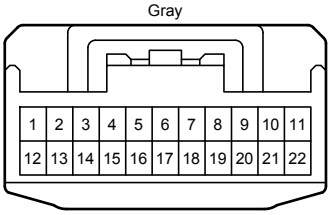
E 71
Gray



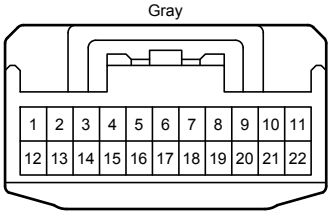
E 72
Gray



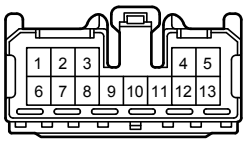
E 74
Gray



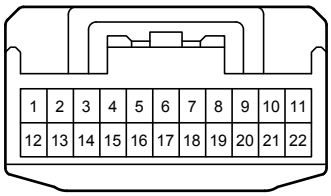
E 75
Gray



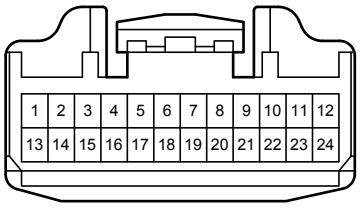
E115
White



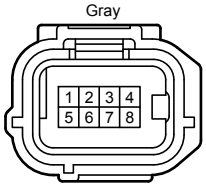
F 73
Blue



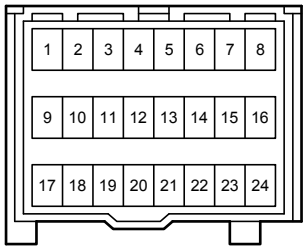
F 79
White



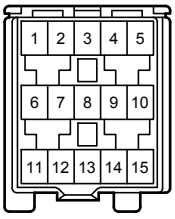
K 10
Gray



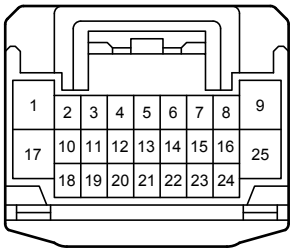
K 27
Yellow



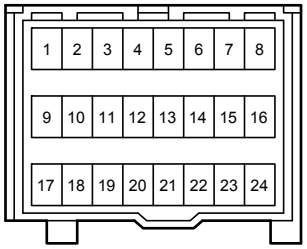
K 32
Yellow



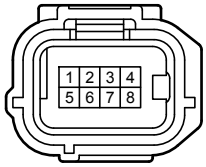
K 43
White



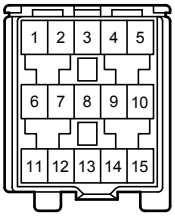
L 27
Yellow



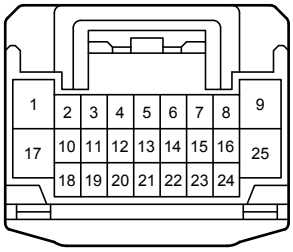
L 33
Gray



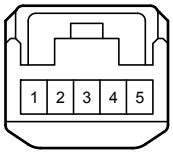
L 38
Yellow



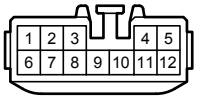
L 49
White



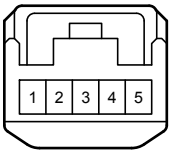
c 7
White



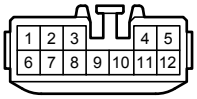
c 12
White



c 22
White



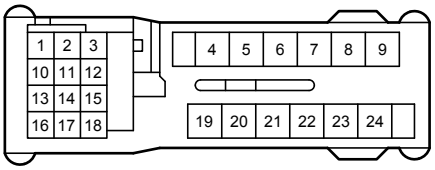
c 23
White



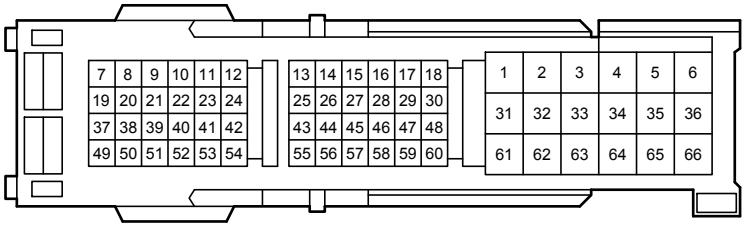
g 1
White



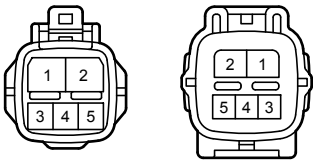
2B
White



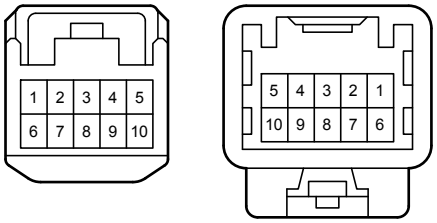
2D
White



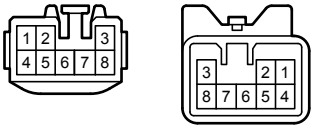
AA1
Gray



AE3
Gray

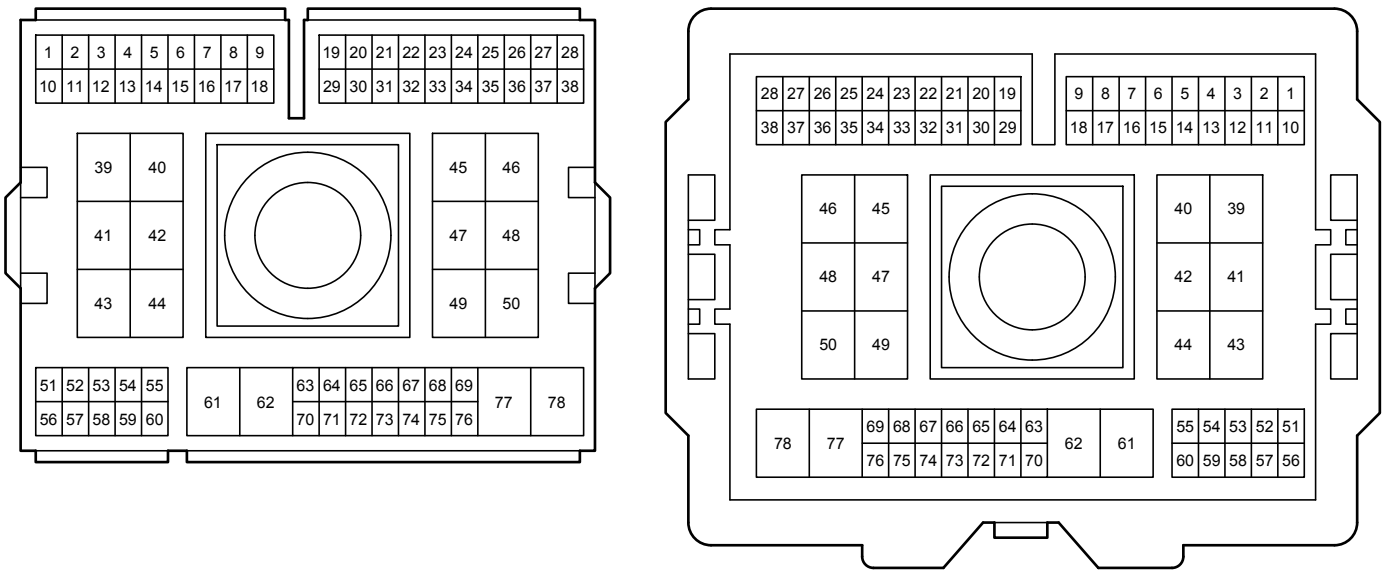


AL1
White



EA1

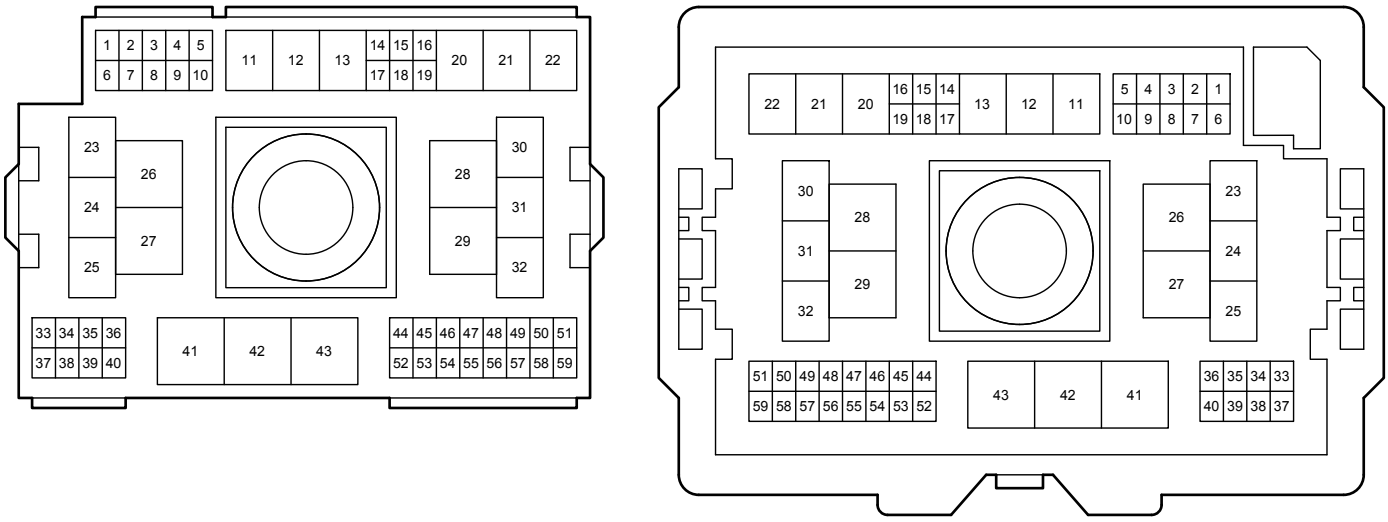
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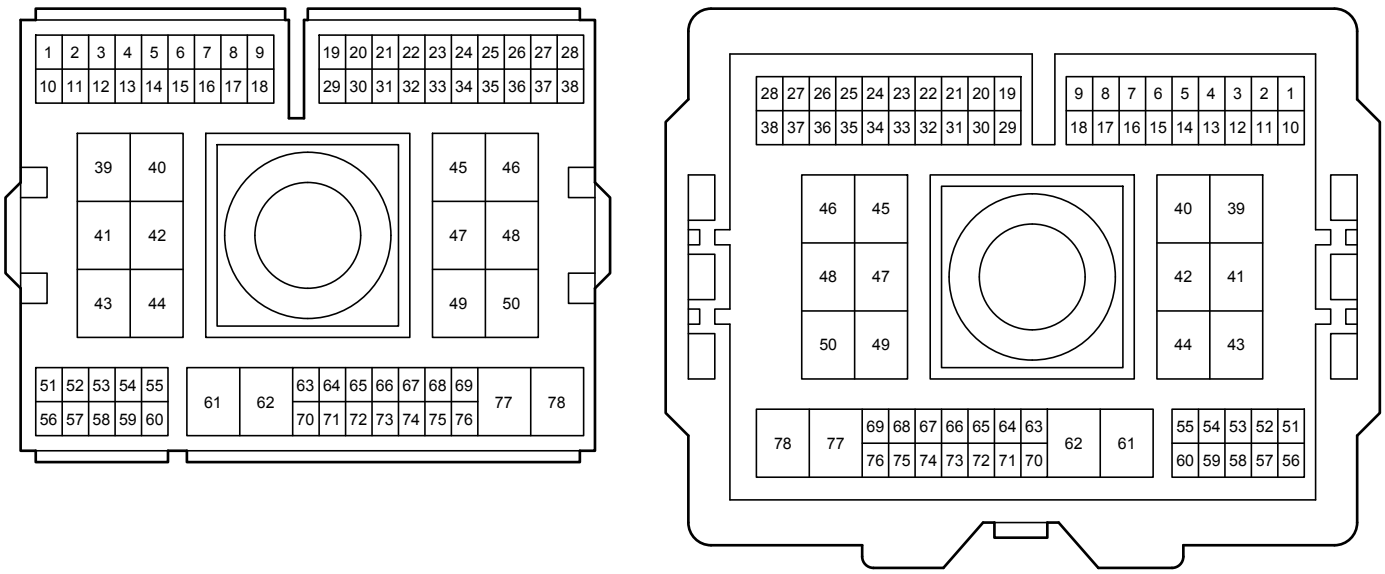
EA2

White

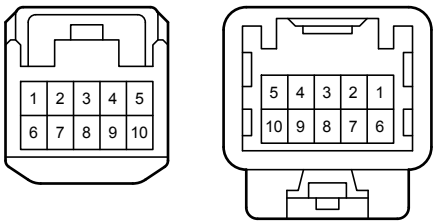
Gray



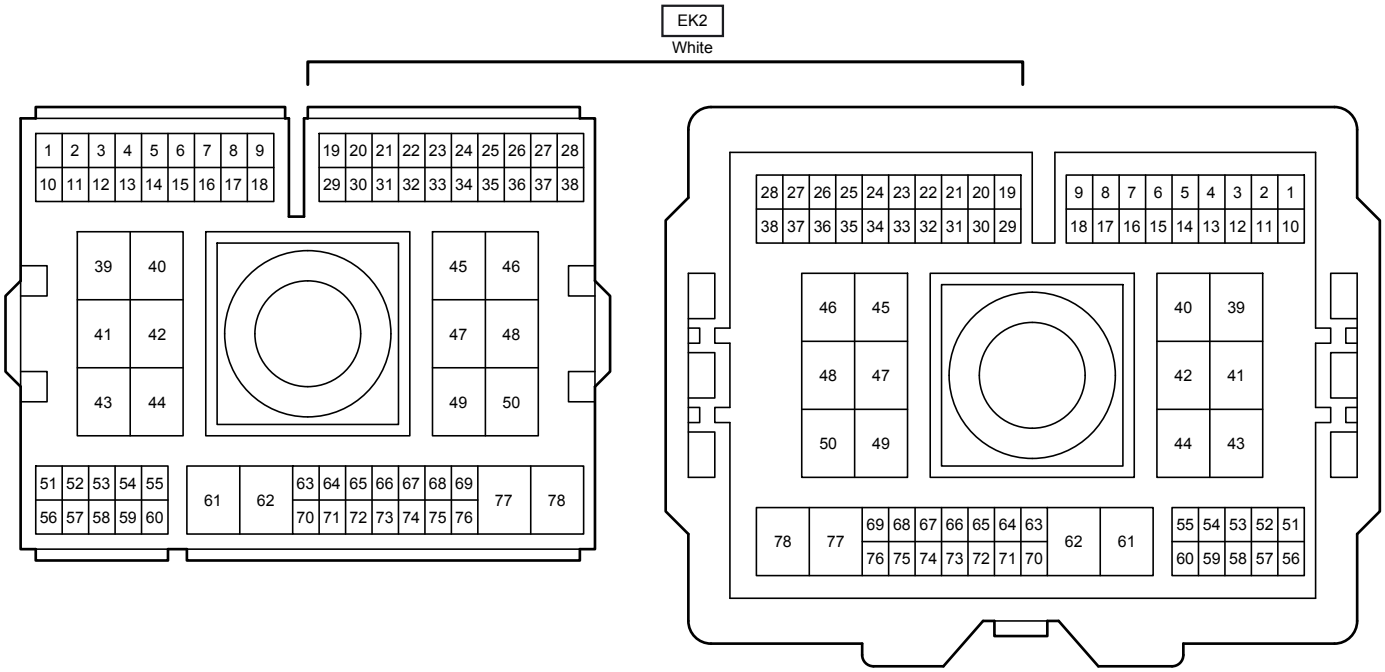
EA3
White



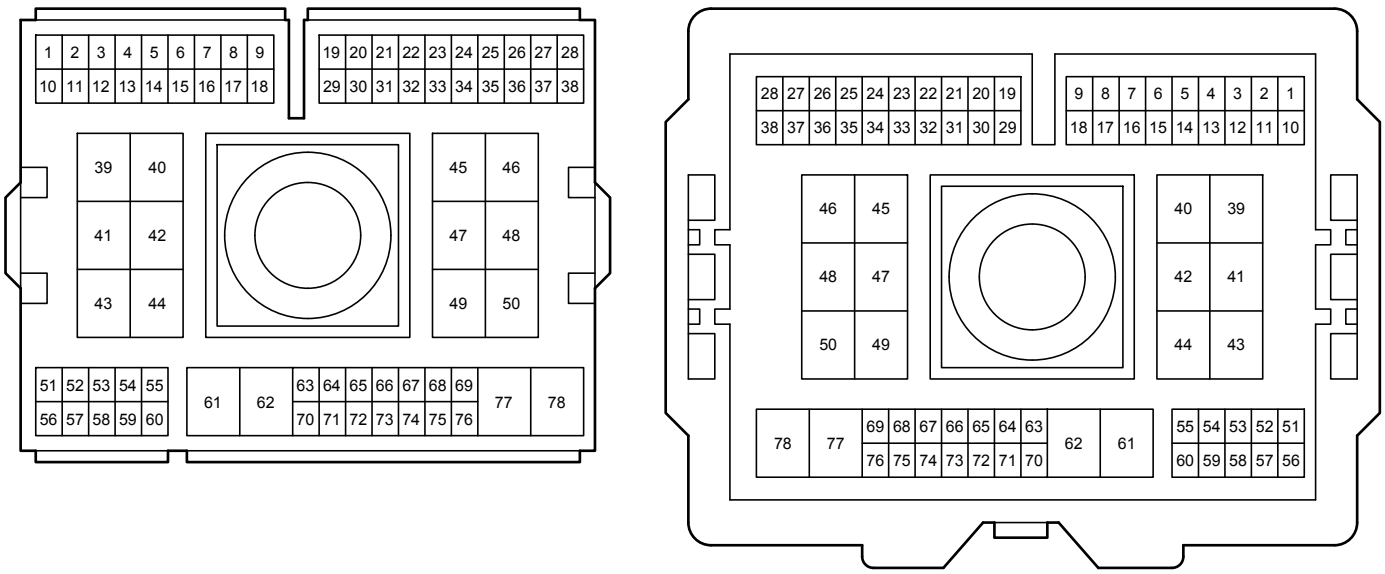
EE1
White



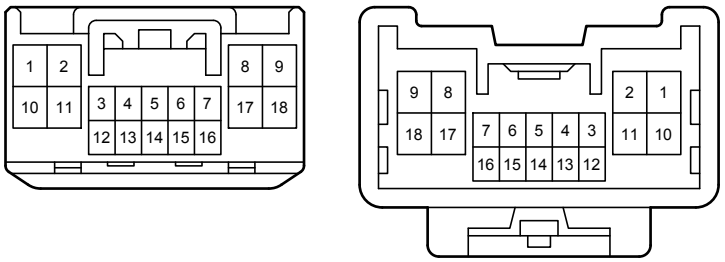
EK2
White



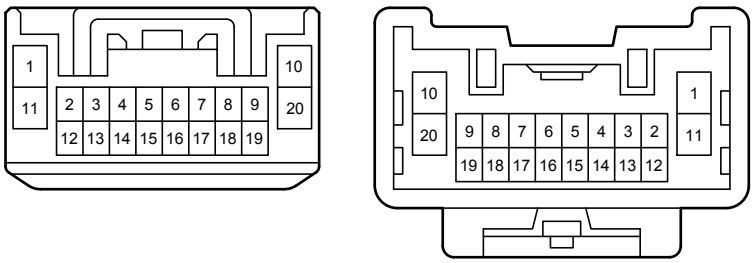
EL1
White



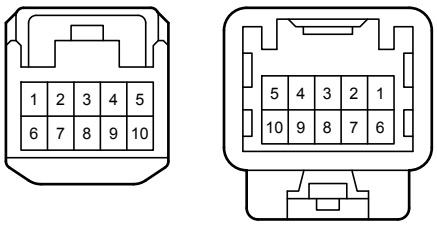
FE1
White



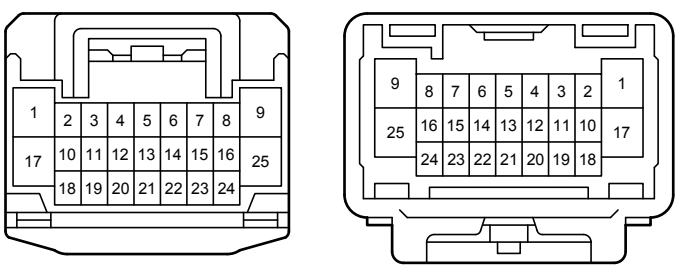
FE4
White

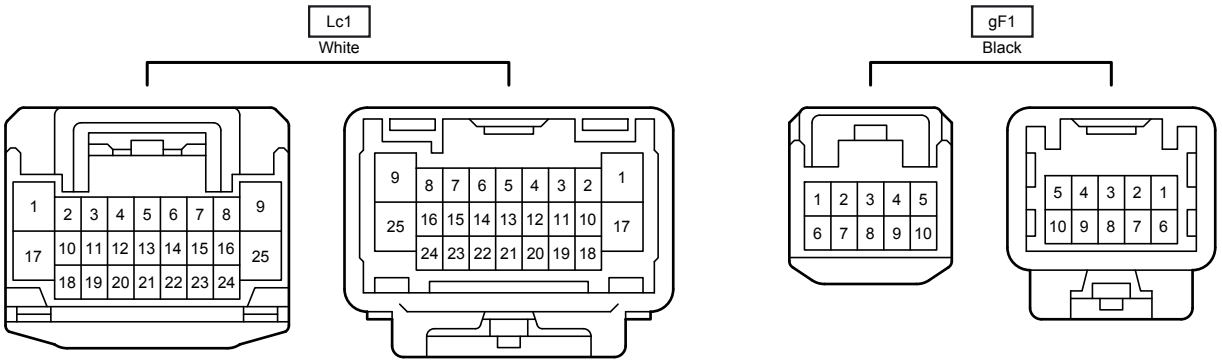


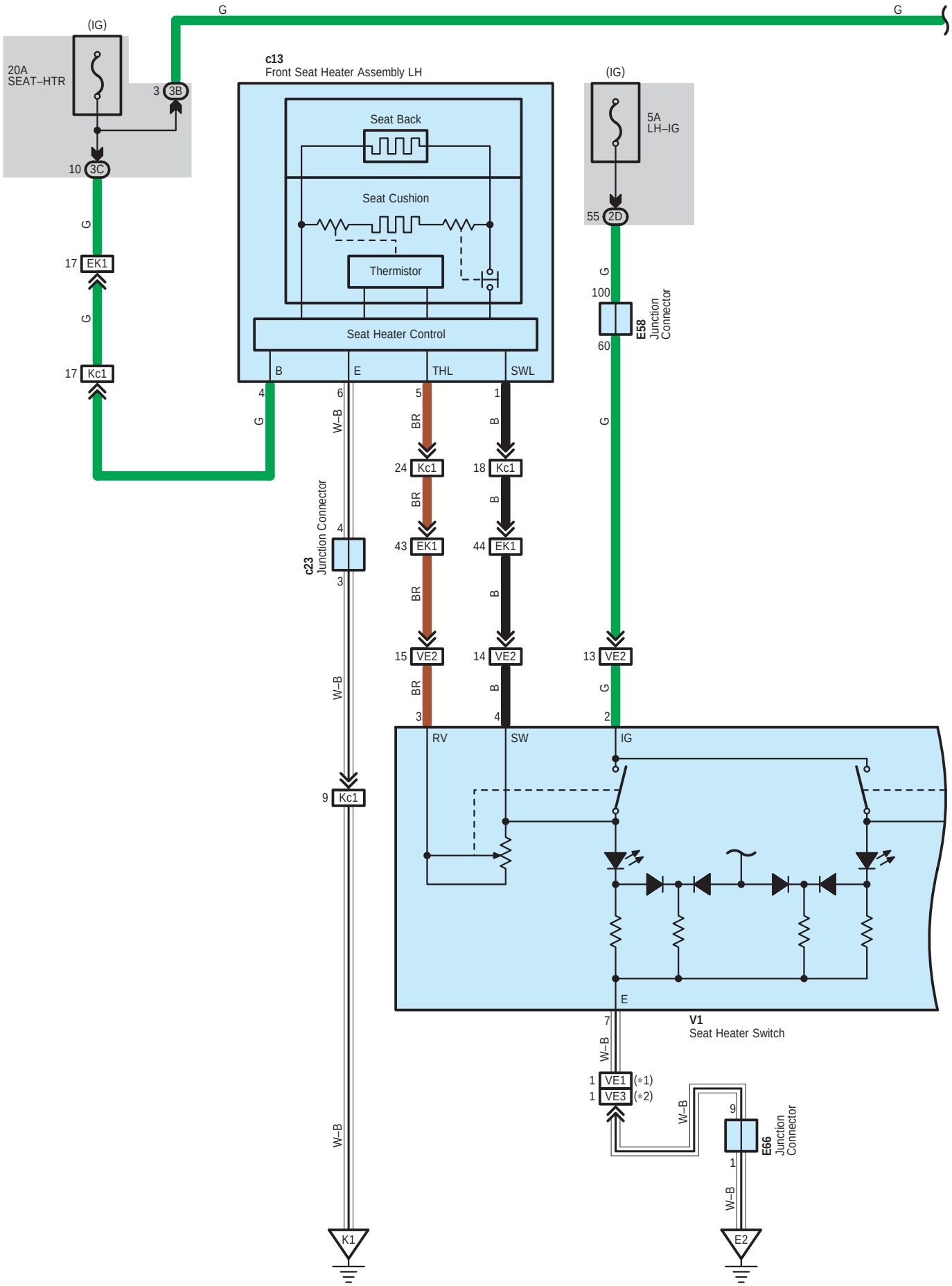
Fg1
Black

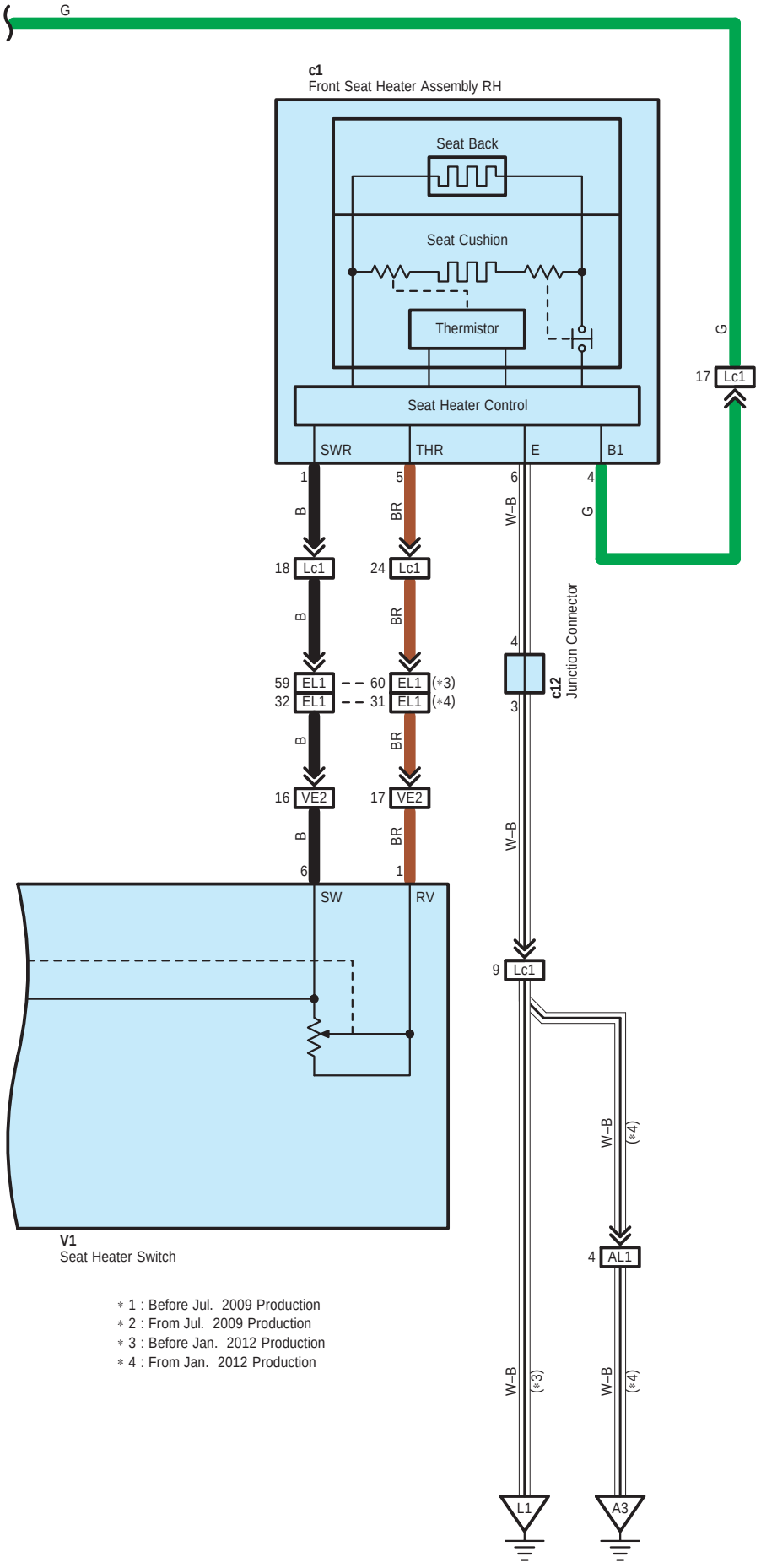


Kc1
White



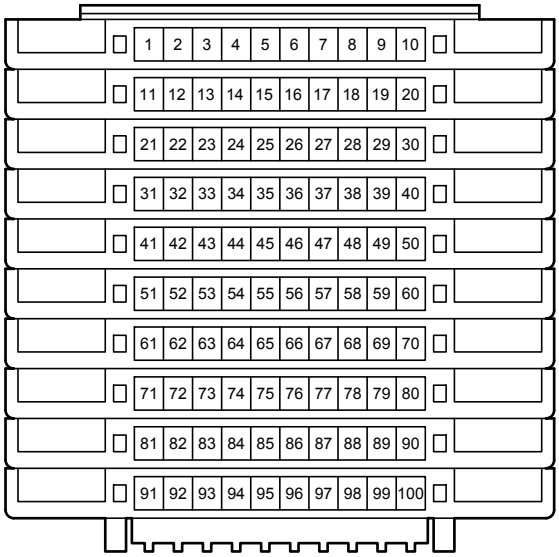

Lc1
White
1 2 3 4 5 6 7 8 9
17 10 11 12 13 14 15 16 25
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18
gF1
Black
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6


(IG)
20A
SEAT–HTR
3
3B
10
3C
G
G
c13
Front Seat Heater Assembly LH
Seat Back
Seat Cushion
Thermistor
Seat Heater Control
B
E
THL
SWL
(IG)
5A
LH–IG
55
2D
G
100
E58
Junction
Connector
60
17
EK1
G
17
Kc1
4
G
6
W–B
5
BR
1
B
G
24
Kc1
18
Kc1
BR
B
c23
Junction Connector
4
43
EK1
44
EK1
3
BR
B
15
VE2
14
VE2
13
VE2
BR
B
G
3
4
2
RV
SW
IG
9
Kc1
E
7
W–B
V1
Seat Heater Switch
1
VE1
(*1)
1
VE3
(*2)
W–B
9
E66
Junction
Connector
1
W–B
W–B
K1
E2

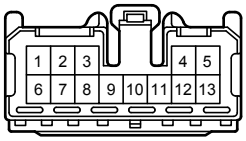


* 1 : Before Jul. 2009 Production
* 2 : From Jul. 2009 Production
* 3 : Before Jan. 2012 Production
* 4 : From Jan. 2012 Production

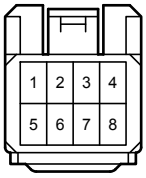
E 58



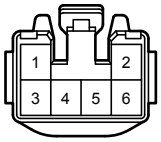
E 66
White



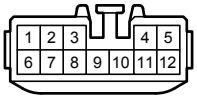
V 1
White



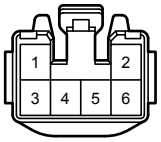
c 1
White



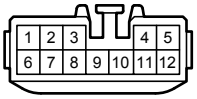
c 12
White



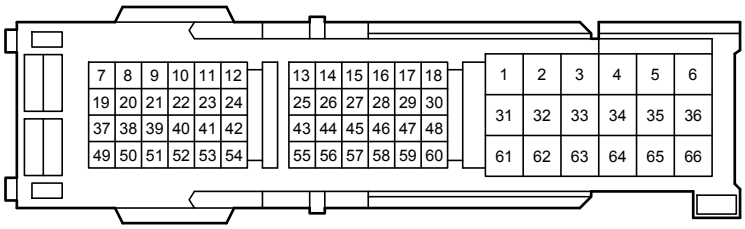
c 13
White



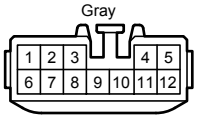
c 23
White



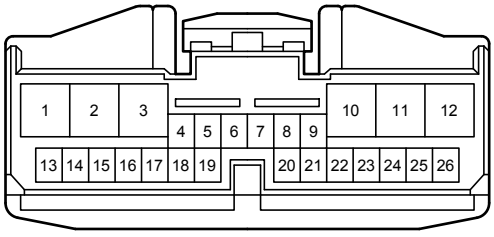
2D
White



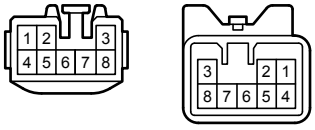
3B
Gray



3C
White

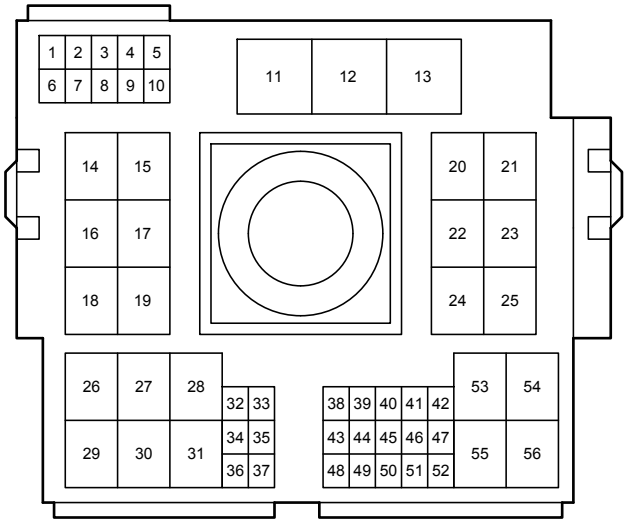


AL1
White

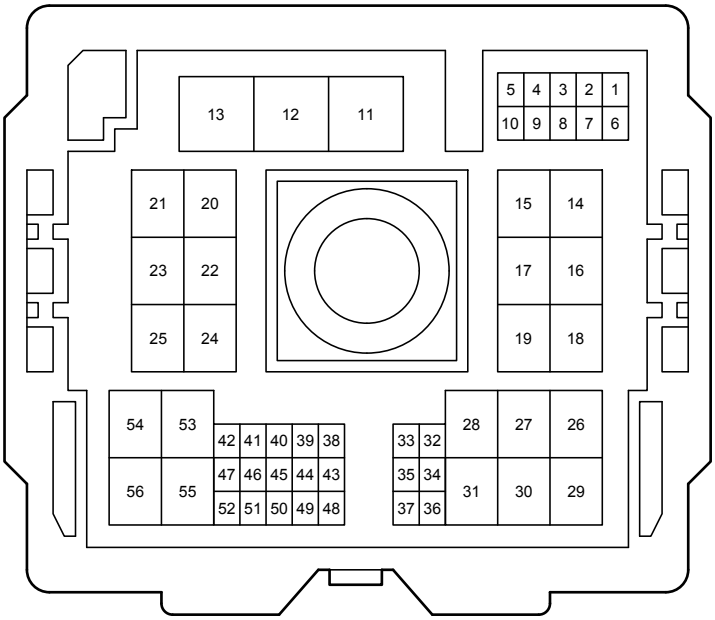


EK1

White

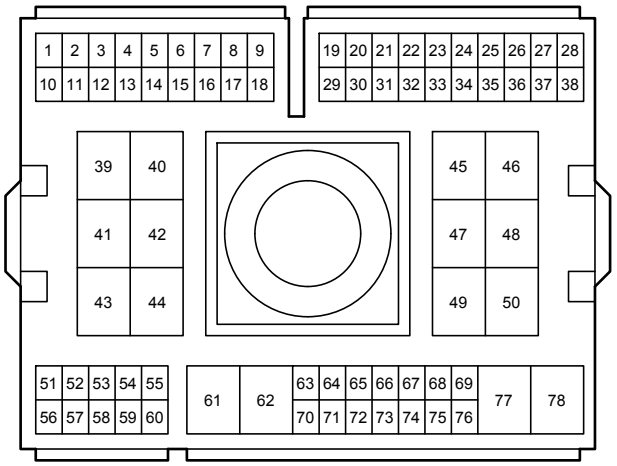


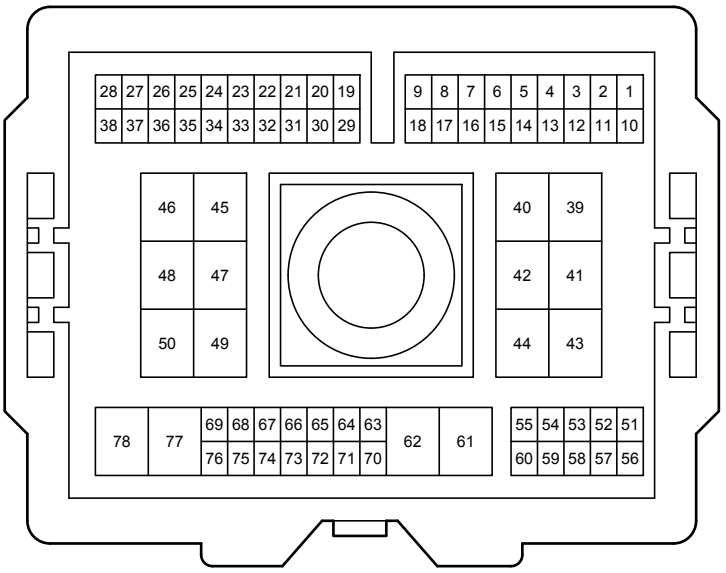
Blue



EL1

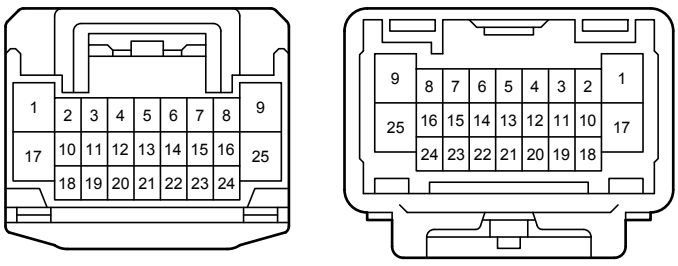
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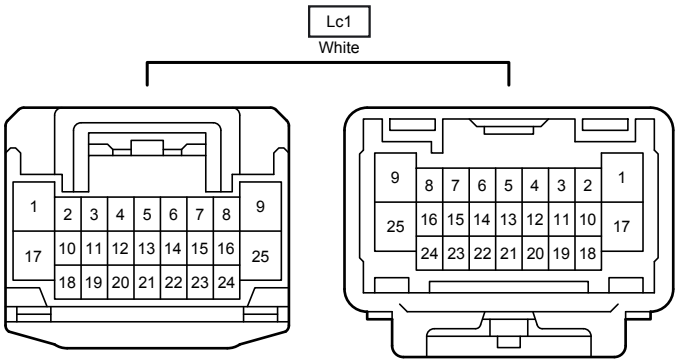


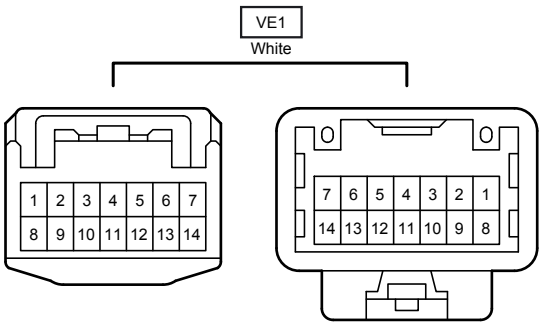


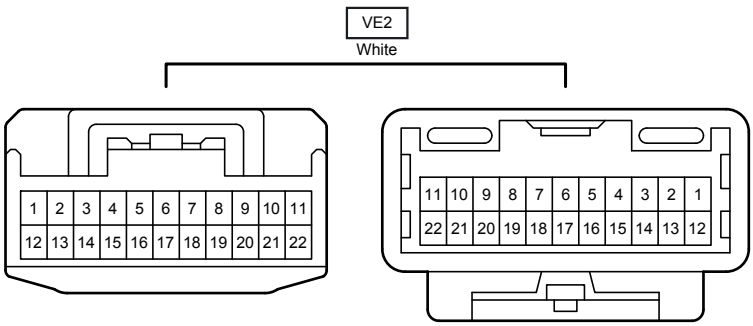
Kc1

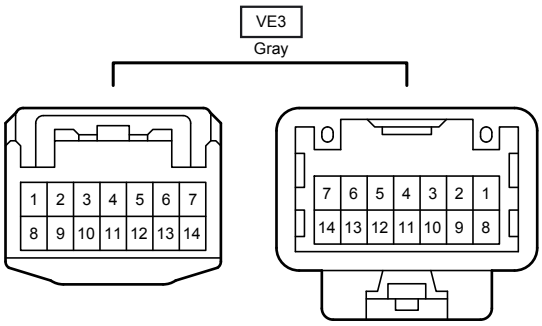
White

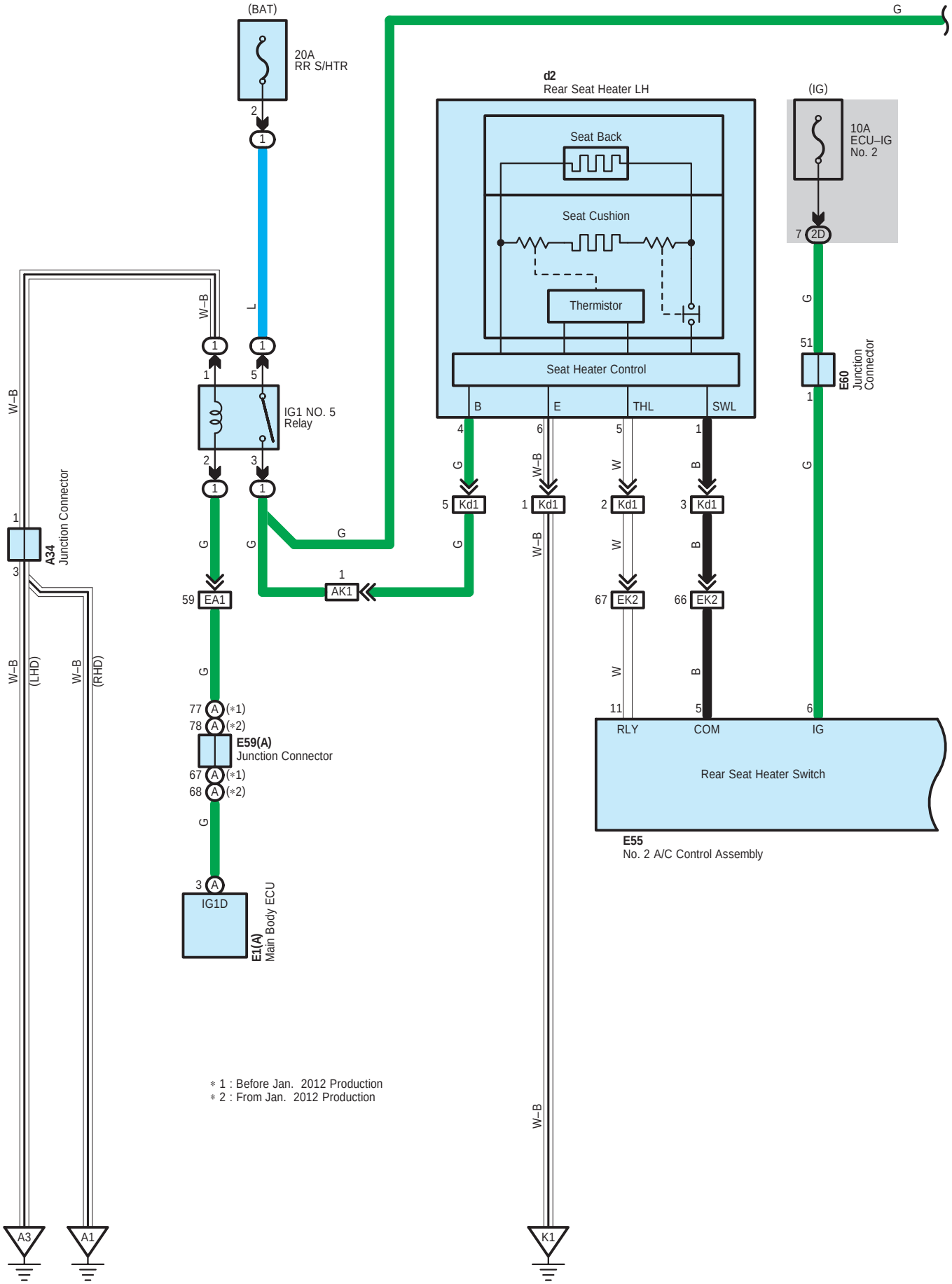



Lc1
White
1 2 3 4 5 6 7 8 9
17 10 11 12 13 14 15 16 25
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18

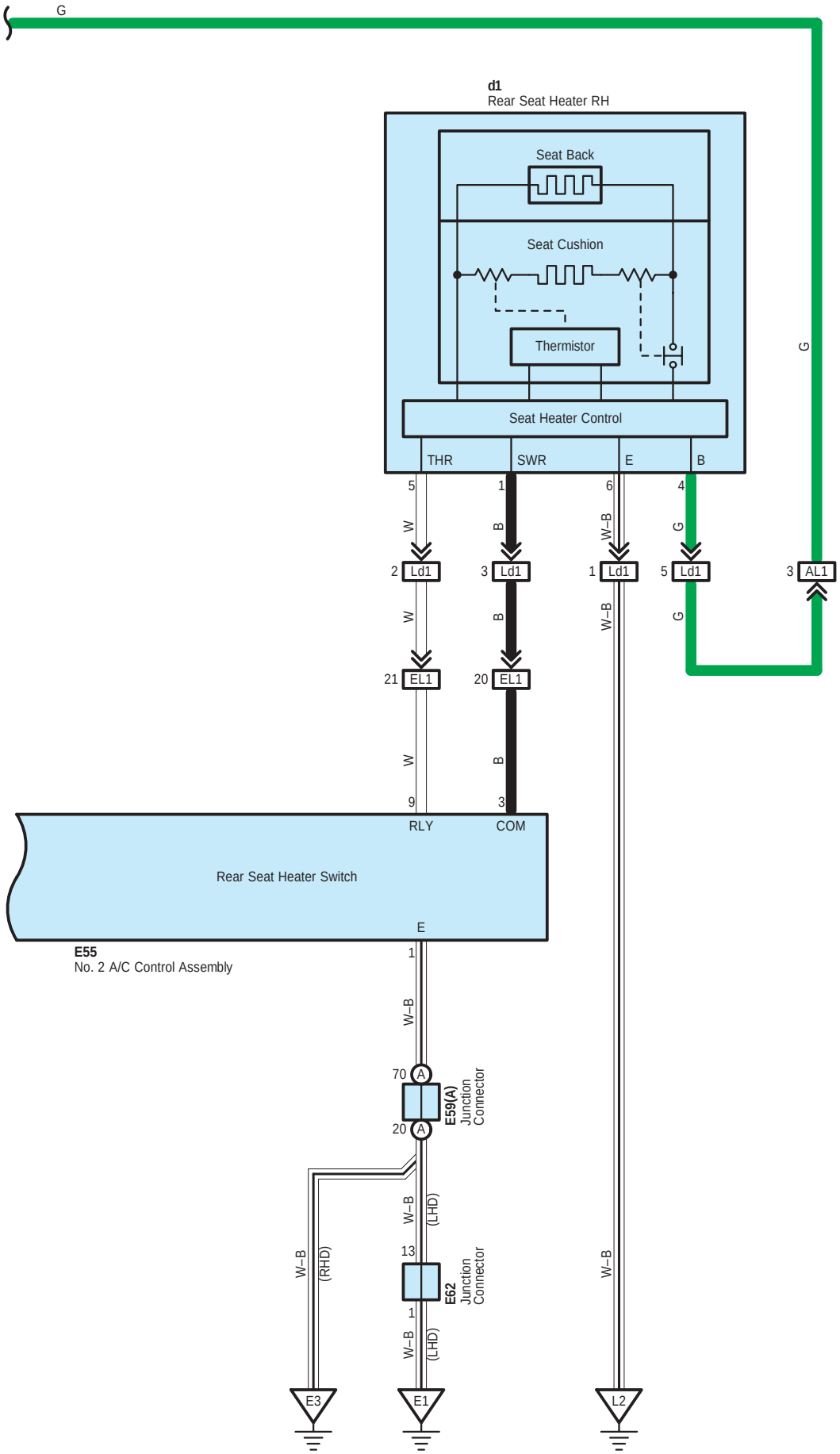

VE1
White
1 2 3 4 5 6 7
8 9 10 11 12 13 14
7 6 5 4 3 2 1
14 13 12 11 10 9 8


VE2
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12

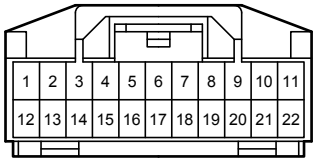

VE3
Gray
1 2 3 4 5 6 7
8 9 10 11 12 13 14
7 6 5 4 3 2 1
14 13 12 11 10 9 8



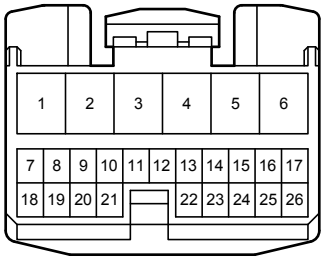
* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production


G
d1
Rear Seat Heater RH
Seat Back
Seat Cushion
Thermistor
Seat Heater Control
THR
SWR
E
B
5
1
6
4
W
B
W–B
G
2 Ld1
3 Ld1
1 Ld1
5 Ld1
3 AL1
21 EL1
20 EL1
9
3
RLY
COM
Rear Seat Heater Switch
E
E55
No. 2 A/C Control Assembly
1
70 A
20 A
E59(A)
Junction Connector
13
E62
Junction Connector
(LHD)
(RHD)
E3
E1
L2

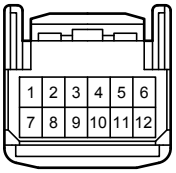
A 34
White



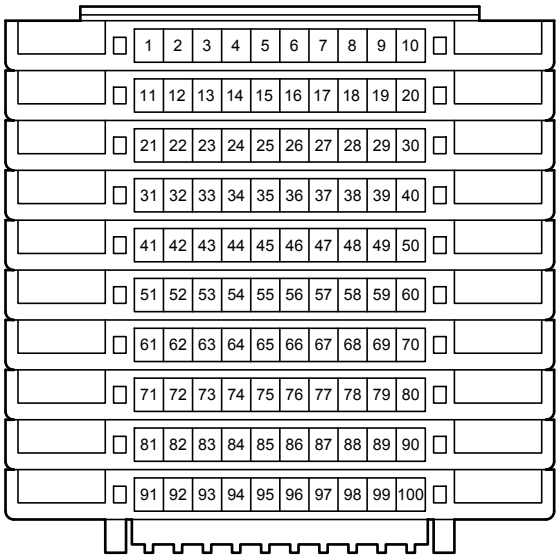
E 1
White



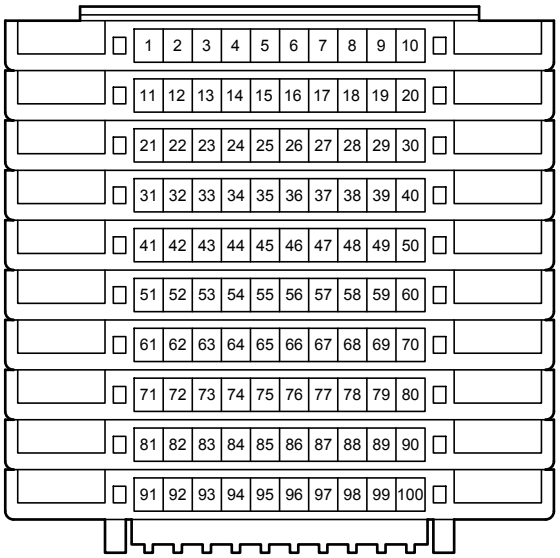
E 55
White



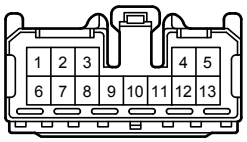
E 59



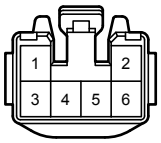
E 60



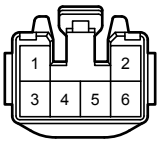
E 62
White



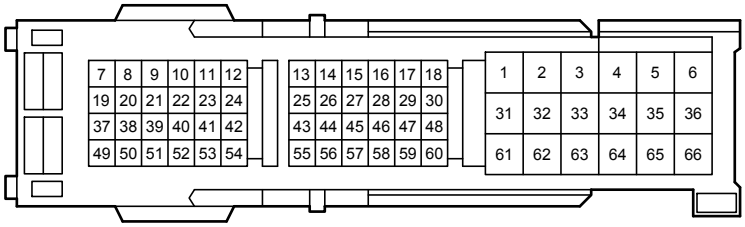
d 1
White

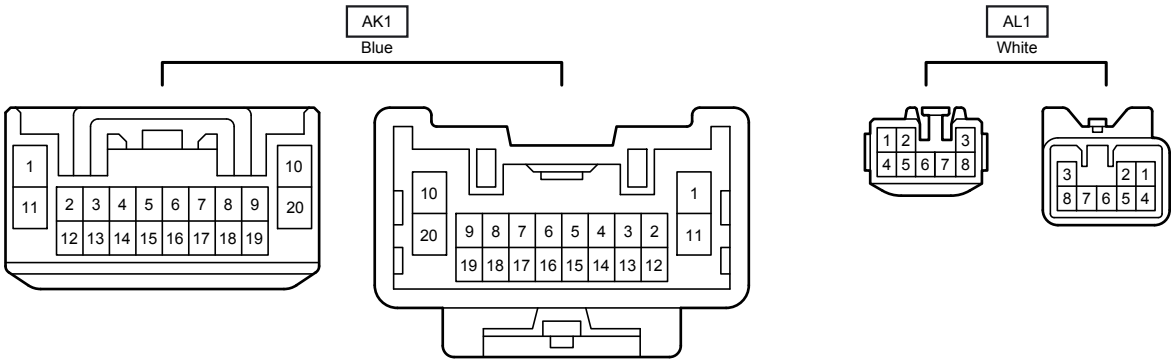


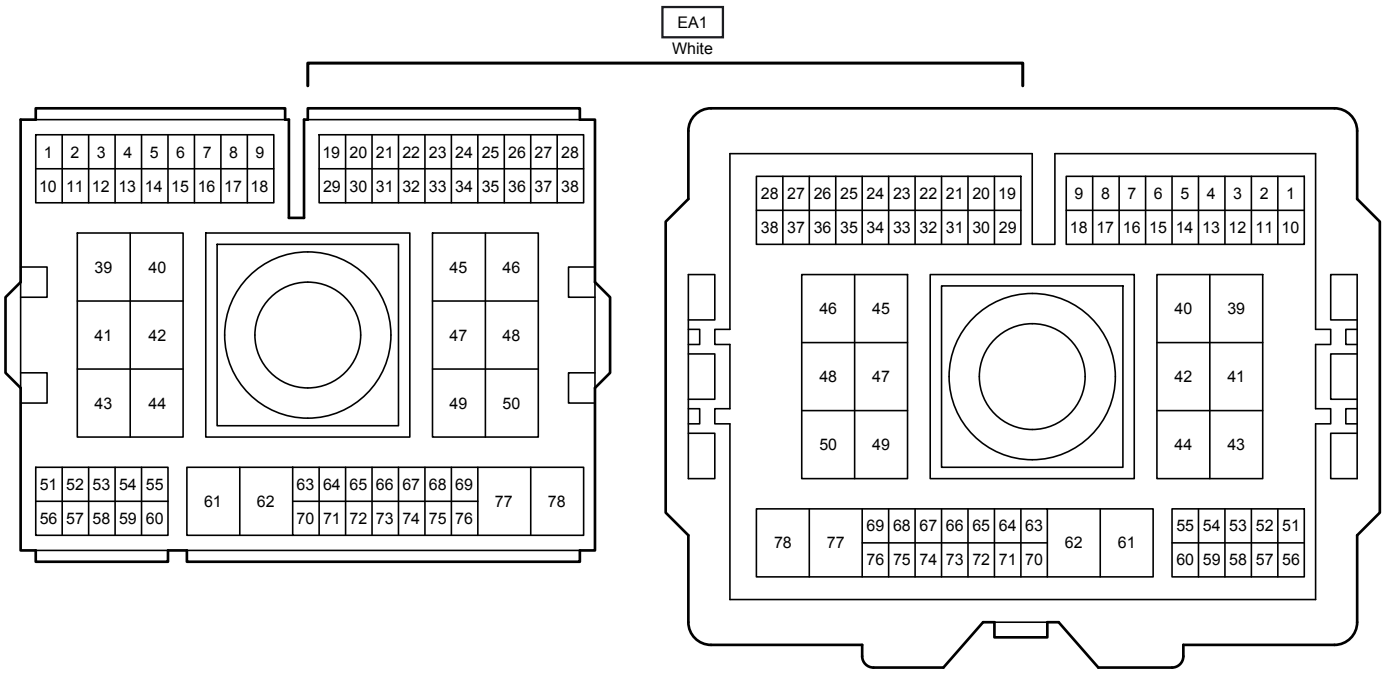
d 2
White

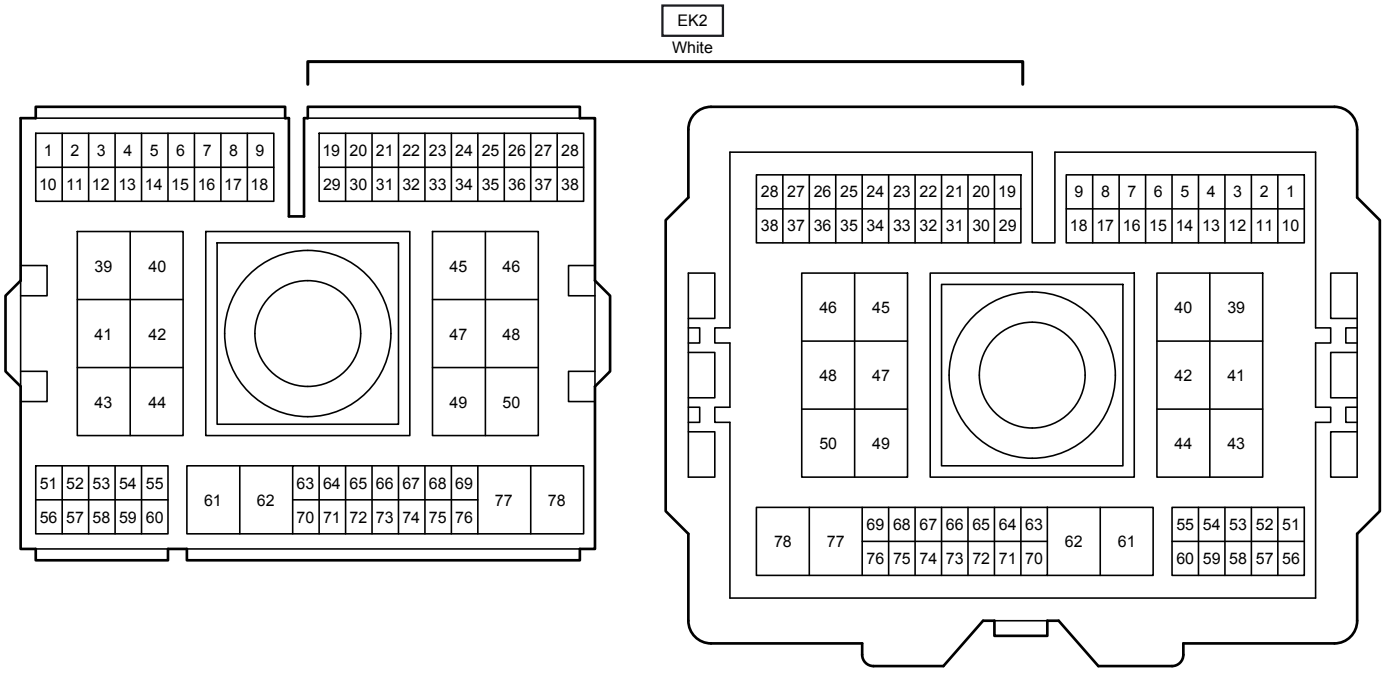


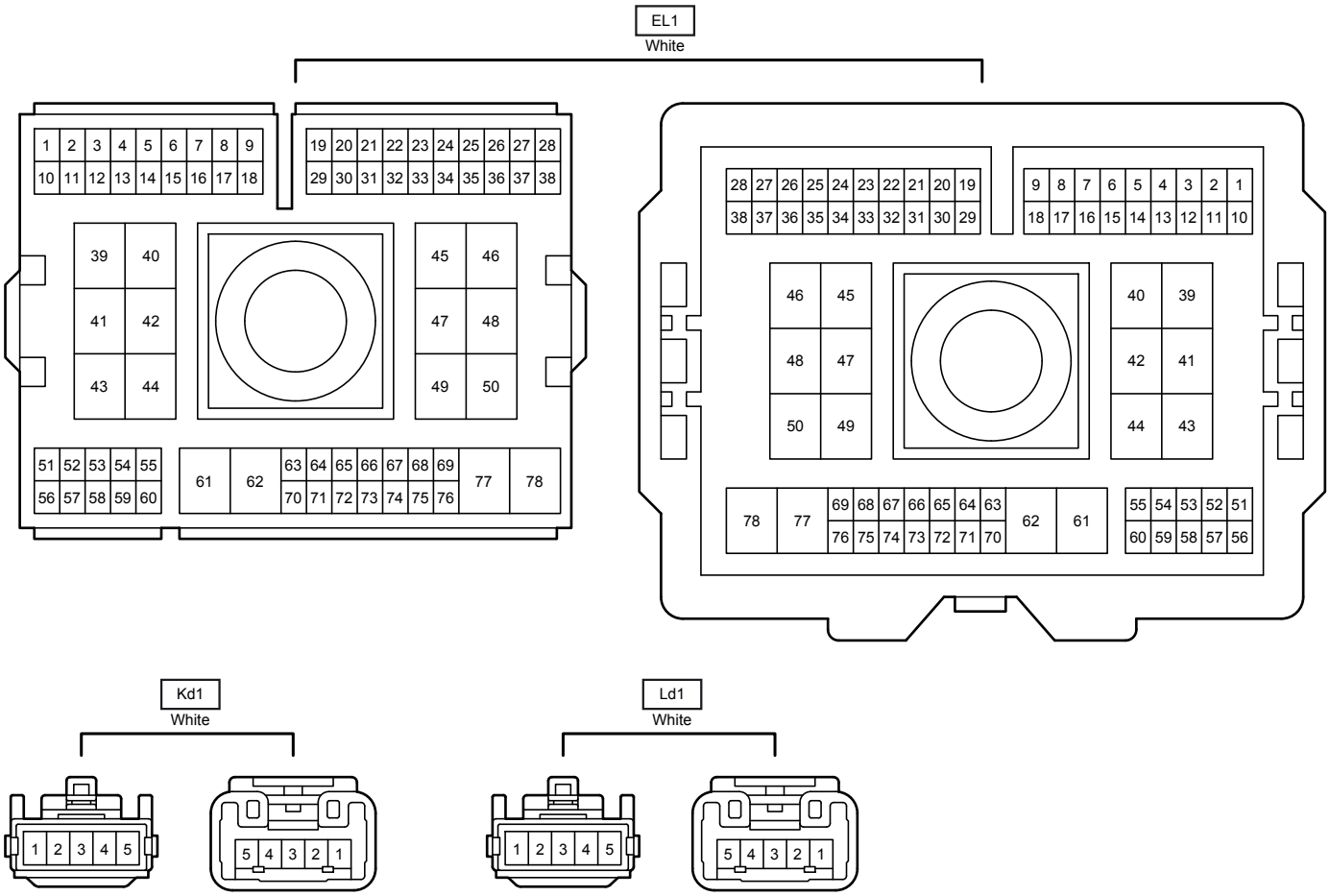
2D
White



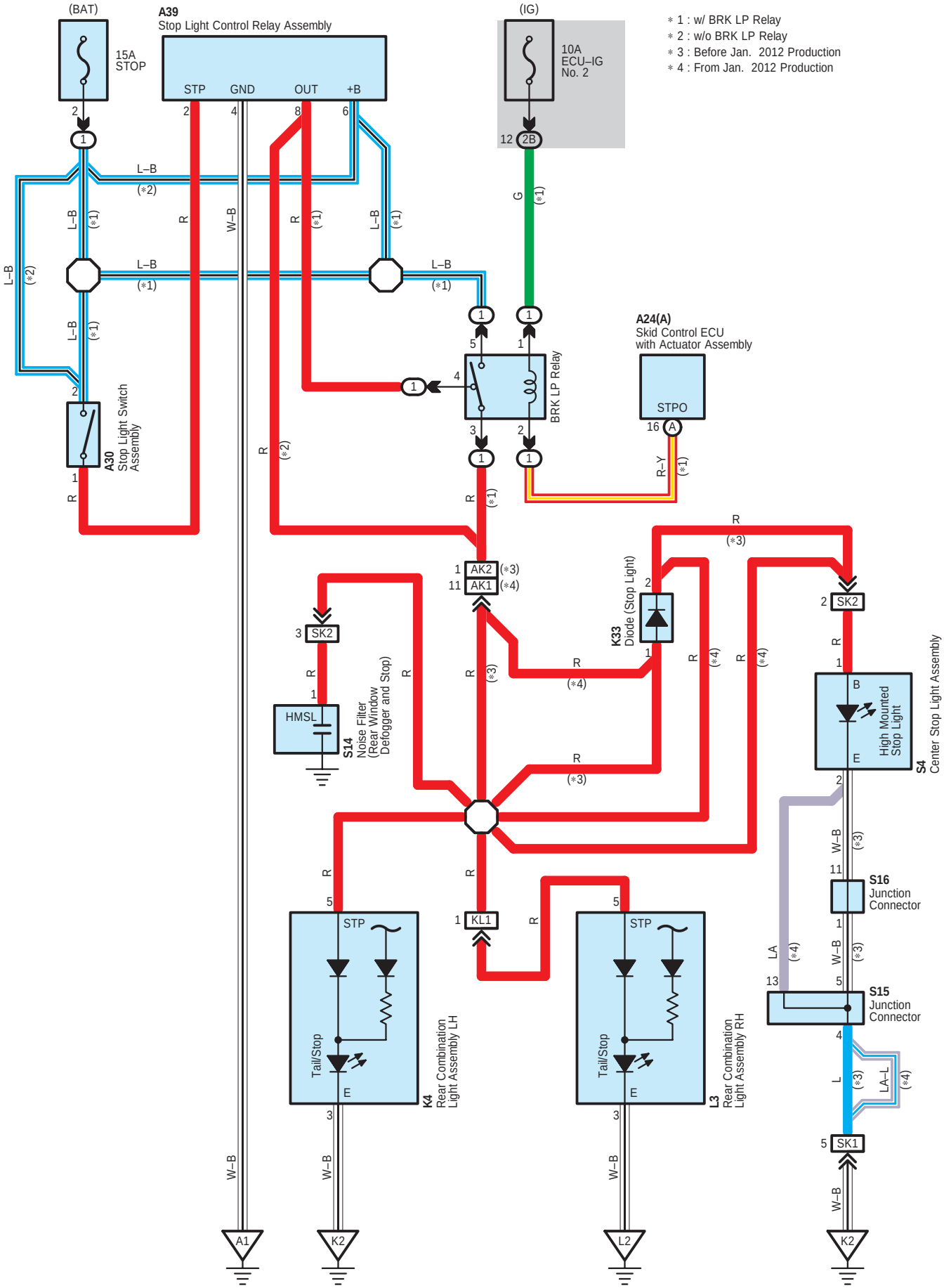

AK1
Blue
AL1
White


EA1
White

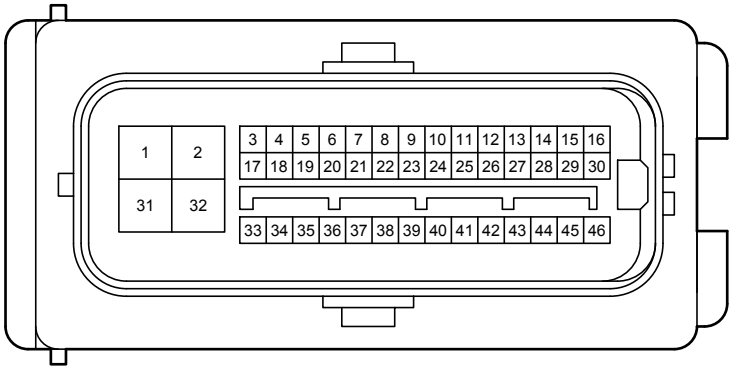

EK2
White


EL1
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45
48 47
50 49
40 39
42 41
44 43
78 77
69 68 67 66 65 64 63
76 75 74 73 72 71 70
62 61
55 54 53 52 51
60 59 58 57 56

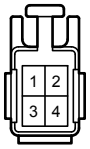
Kd1
White
1 2 3 4 5
5 4 3 2 1
Ld1
White
1 2 3 4 5
5 4 3 2 1


(BAT)
15A
STOP
A39
Stop Light Control Relay Assembly
STP
GND
OUT
+B
(IG)
10A
ECU–IG
No. 2
12 2B
∗ 1 : w/ BRK LP Relay
∗ 2 : w/o BRK LP Relay
∗ 3 : Before Jan. 2012 Production
∗ 4 : From Jan. 2012 Production
L–B
(∗2)
(∗1)
R
W–B
G
A30
Stop Light Switch
Assembly
BRK LP Relay
A24(A)
Skid Control ECU
with Actuator Assembly
STPO
16 A
R–Y
AK2
AK1
(∗3)
(∗4)
K33
Diode (Stop Light)
SK2
HMSL
S14
Noise Filter
(Rear Window
Defogger and Stop)
High Mounted
Stop Light
S4
Center Stop Light Assembly
KL1
STP
Tail/Stop
E
K4
Rear Combination
Light Assembly LH
L3
Rear Combination
Light Assembly RH
S16
Junction
Connector
S15
Junction
Connector
LA
LA–L
L
SK1
A1
K2
L2

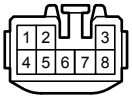
A 24
Black



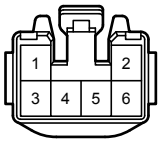
A 30
Gray



A 39
Black



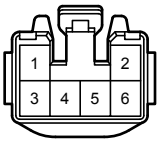
K 4
White



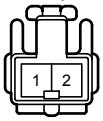
K 33
White



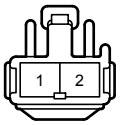
L 3
White



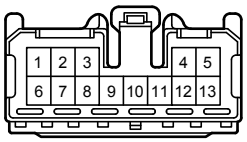
S 4
Gray



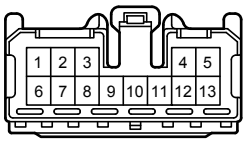
S 14
Black



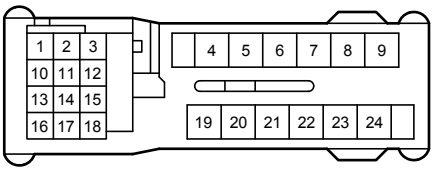
S 15
White



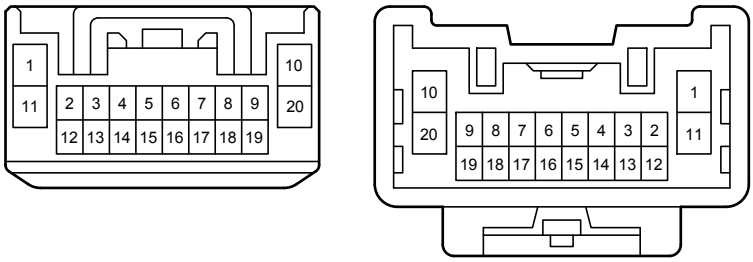
S 16
White



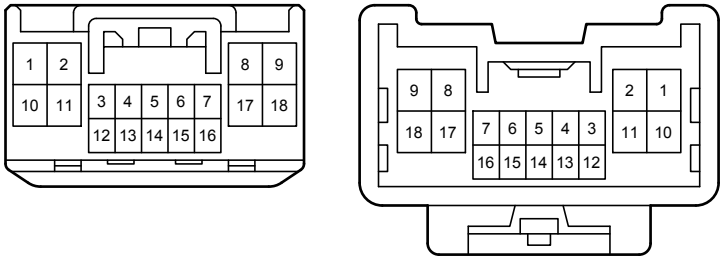
2B
White

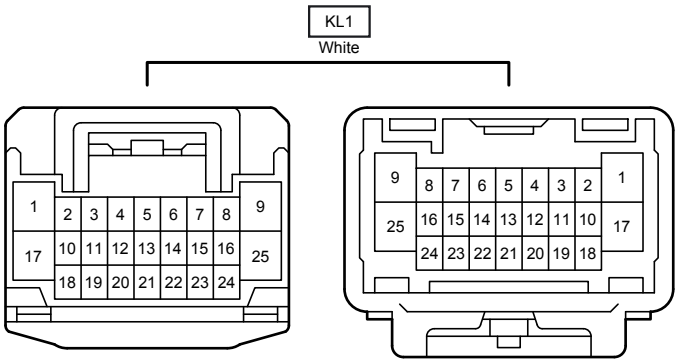


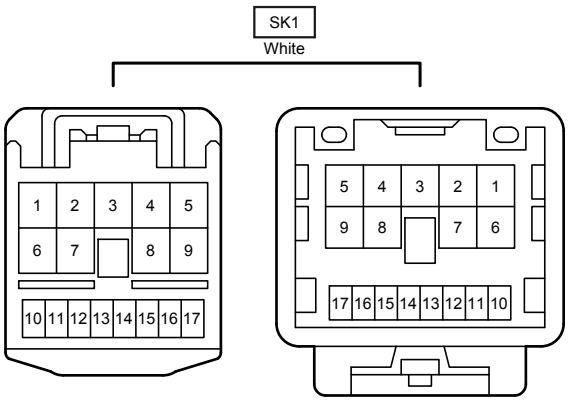
AK1
Blue

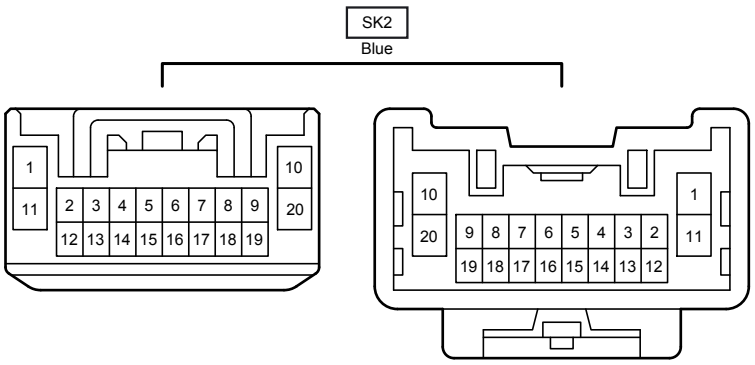


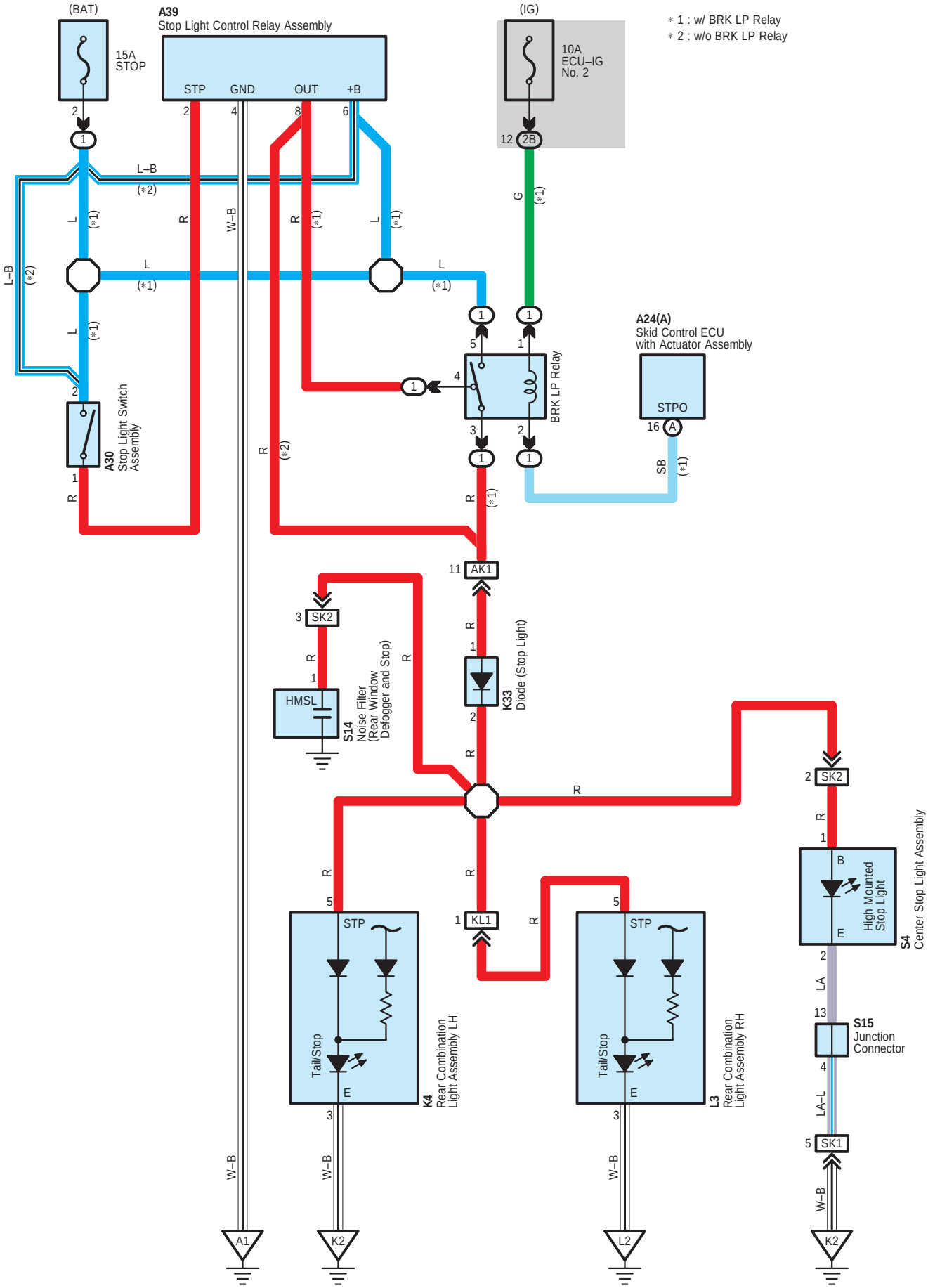
AK2
Gray



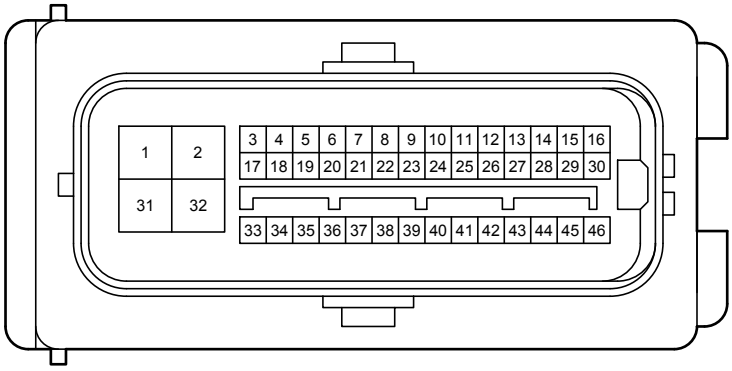

KL1
White
1 2 3 4 5 6 7 8 9
17 10 11 12 13 14 15 16 25
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18


SK1
White
1 2 3 4 5
6 7 8 9
10 11 12 13 14 15 16 17
5 4 3 2 1
9 8 7 6
17 16 15 14 13 12 11 10

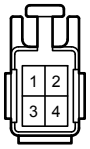

SK2
Blue
1 10
11 2 3 4 5 6 7 8 9 20
12 13 14 15 16 17 18 19
10 1
20 9 8 7 6 5 4 3 2 11
19 18 17 16 15 14 13 12


(BAT)
A39
Stop Light Control Relay Assembly
15A
STOP
STP
GND
OUT
+B
(IG)
10A
ECU–IG
No. 2
∗ 1 : w/ BRK LP Relay
∗ 2 : w/o BRK LP Relay
L–B
(∗2)
L
(∗1)
R
W–B
G
A24(A)
Skid Control ECU
with Actuator Assembly
STPO
BRK LP Relay
A30
Stop Light Switch
Assembly
SB
AK1
SK2
HMSL
S14
Noise Filter
(Rear Window
Defogger and Stop)
K33
Diode (Stop Light)
KL1
S4
Center Stop Light Assembly
High Mounted
Stop Light
LA
S15
Junction
Connector
LA–L
SK1
K4
Rear Combination
Light Assembly LH
L3
Rear Combination
Light Assembly RH
Tail/Stop
A1
K2
L2

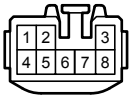
A 24
Black



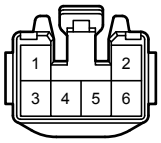
A 30
Gray



A 39
Black



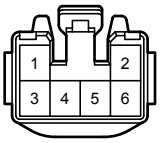
K 4
White



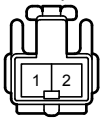
K 33
White



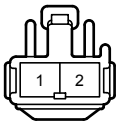
L 3
White



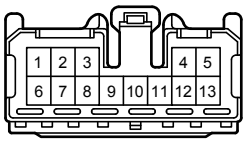
S 4
Gray



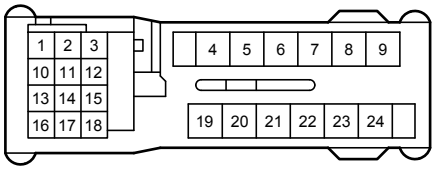
S 14
Black



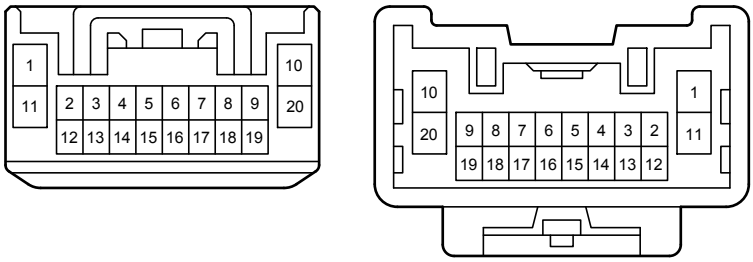
S 15
White



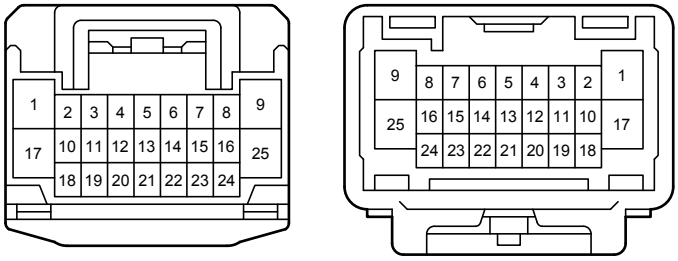
2B
White

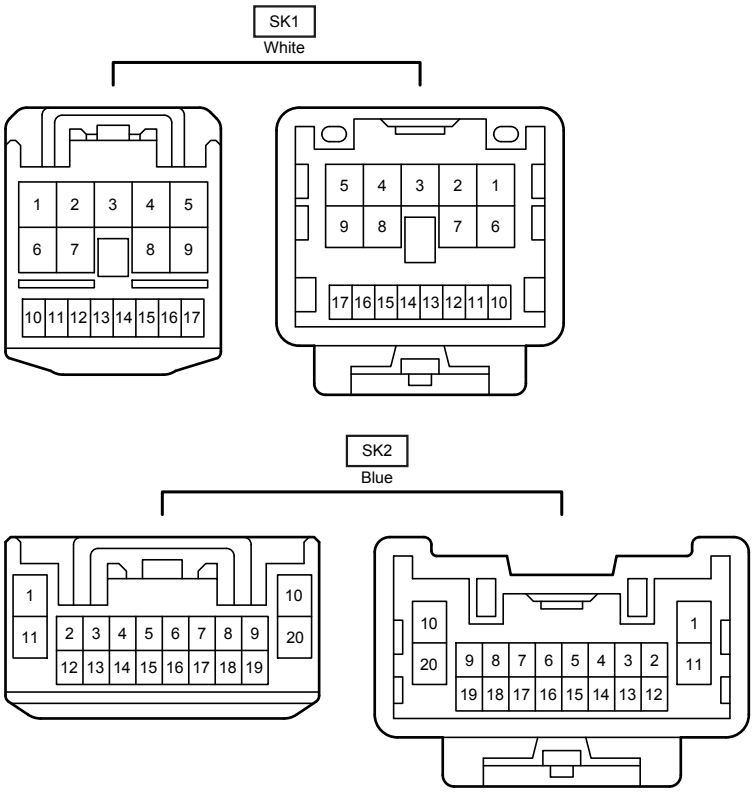


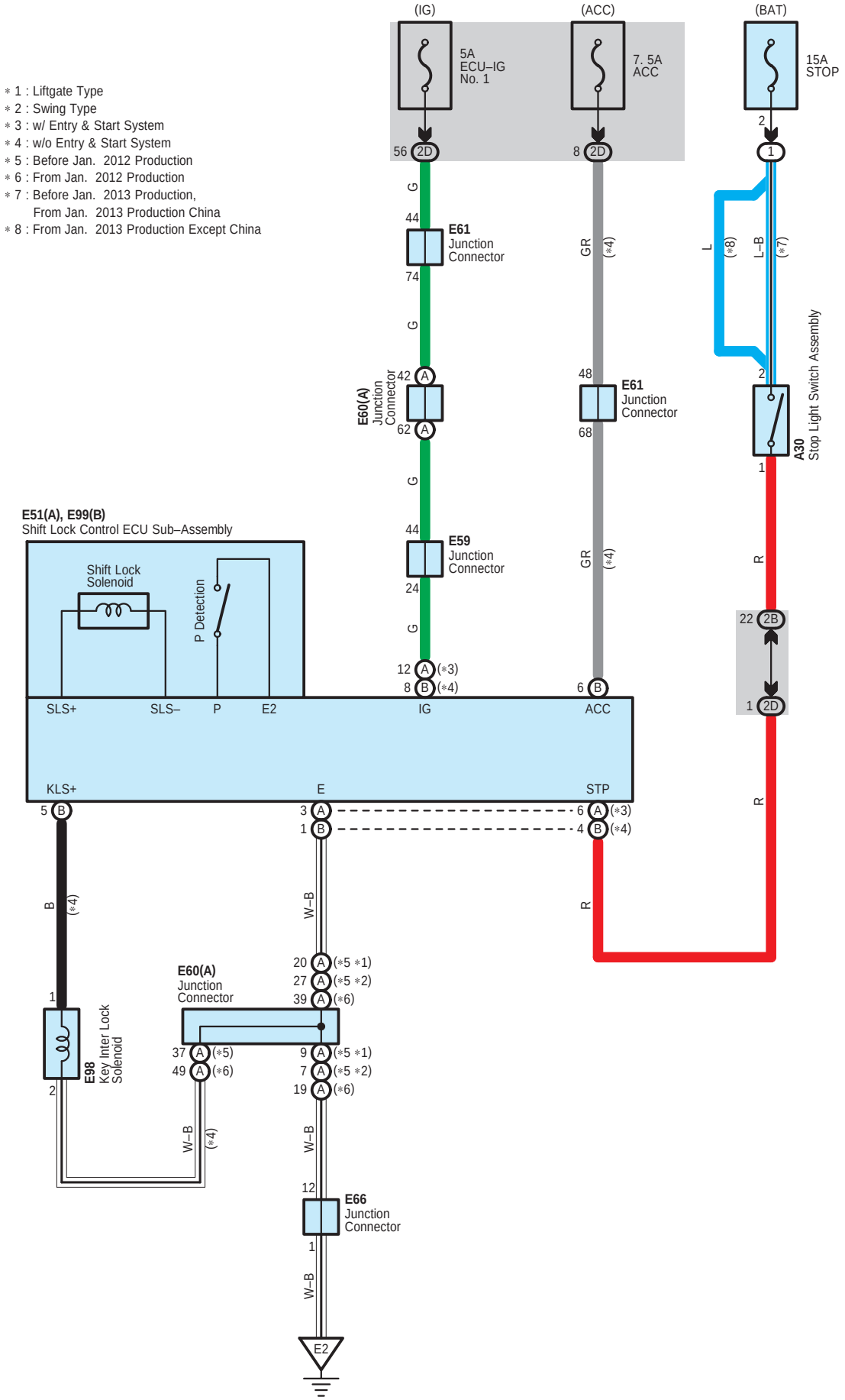
AK1
Blue



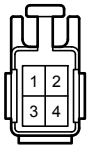
KL1
White




SK1
White
1 2 3 4 5
6 7 8 9
10 11 12 13 14 15 16 17
5 4 3 2 1
9 8 7 6
17 16 15 14 13 12 11 10
SK2
Blue
1 11 2 3 4 5 6 7 8 9 10 20 12 13 14 15 16 17 18 19
10 20 9 8 7 6 5 4 3 2 1 11 19 18 17 16 15 14 13 12


∗ 1 : Liftgate Type
∗ 2 : Swing Type
∗ 3 : w/ Entry & Start System
∗ 4 : w/o Entry & Start System
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 7 : Before Jan. 2013 Production, From Jan. 2013 Production China
∗ 8 : From Jan. 2013 Production Except China
(IG)
(ACC)
(BAT)
5A ECU–IG No. 1
7. 5A ACC
15A STOP
56 2D
8 2D
2
1
G
44
E61 Junction Connector
74
GR (∗4)
L (∗8)
L–B (∗7)
G
42 A
62 A
E60(A) Junction Connector
48
E61 Junction Connector
68
2
A30 Stop Light Switch Assembly
1
G
44
E59 Junction Connector
24
GR (∗4)
R
22 2B
1 2D
G
12 A (∗3)
8 B (∗4)
6 B
IG
ACC
E51(A), E99(B)
Shift Lock Control ECU Sub–Assembly
Shift Lock Solenoid
P Detection
SLS+
SLS–
P
E2
KLS+
E
STP
5 B
3 A
1 B
6 A (∗3)
4 B (∗4)
R
B (∗4)
W–B
20 A (∗5 ∗1)
27 A (∗5 ∗2)
39 A (∗6)
E60(A) Junction Connector
1
E98 Key Inter Lock Solenoid
2
37 A (∗5)
49 A (∗6)
9 A (∗5 ∗1)
7 A (∗5 ∗2)
19 A (∗6)
W–B (∗4)
W–B
12
E66 Junction Connector
1
W–B
E2

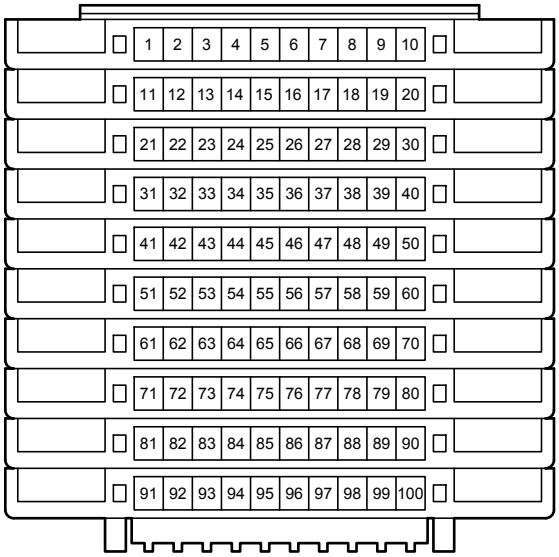
A 30
Gray



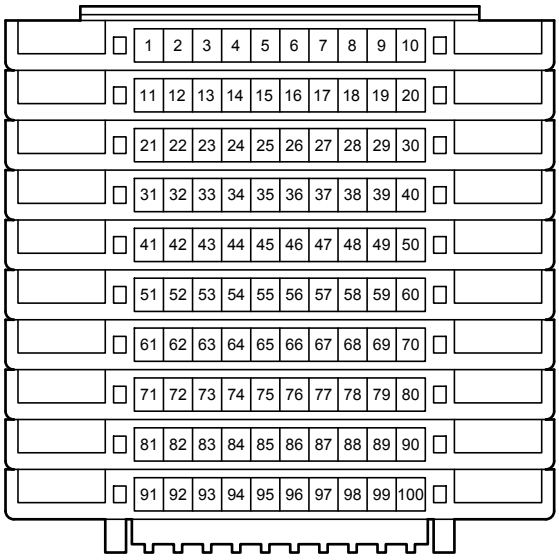
E 51
White



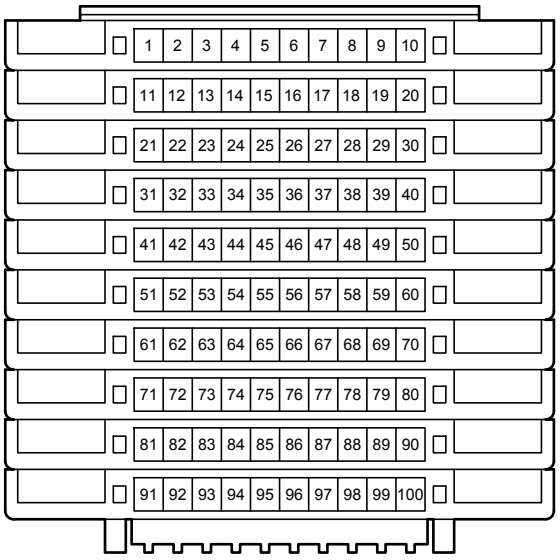
E 59



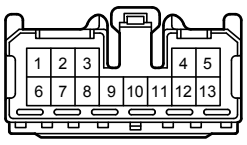
E 60



E 61



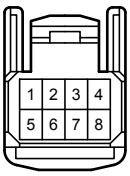
E 66
White



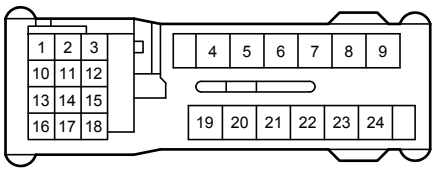
E 98
Black



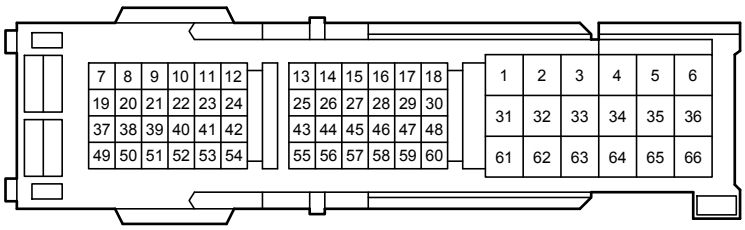
E 99
White

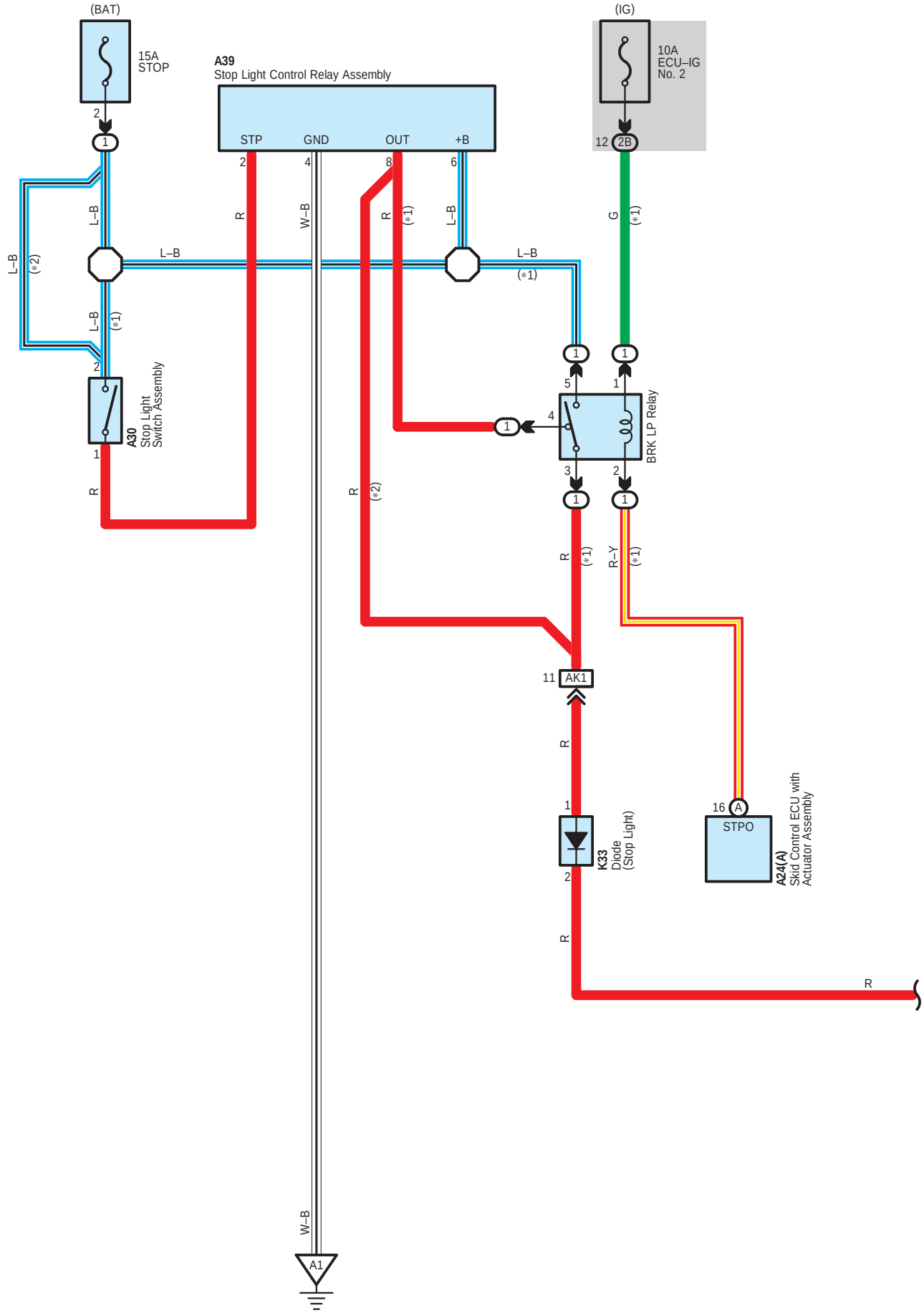


2B
White

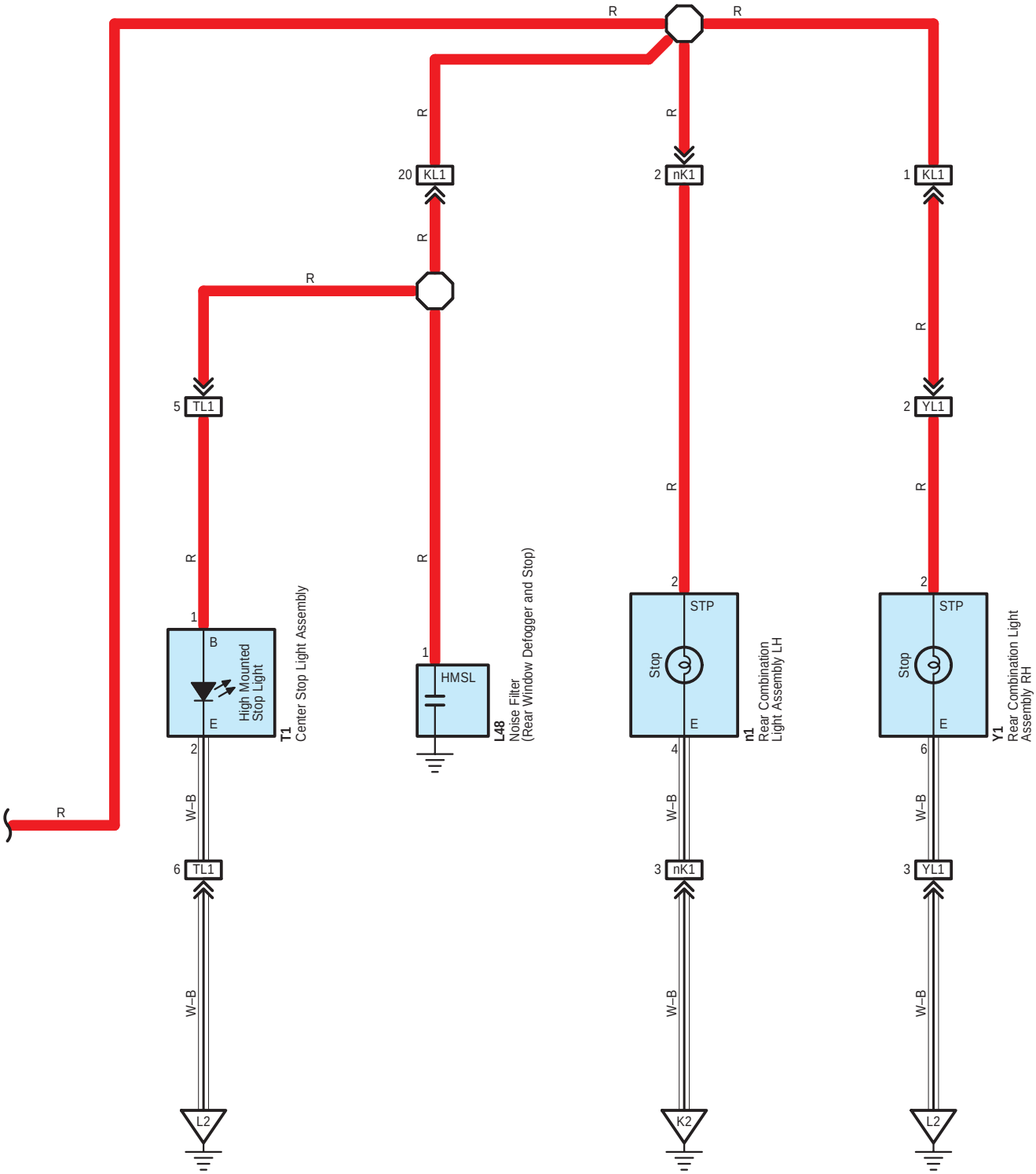


2D
White

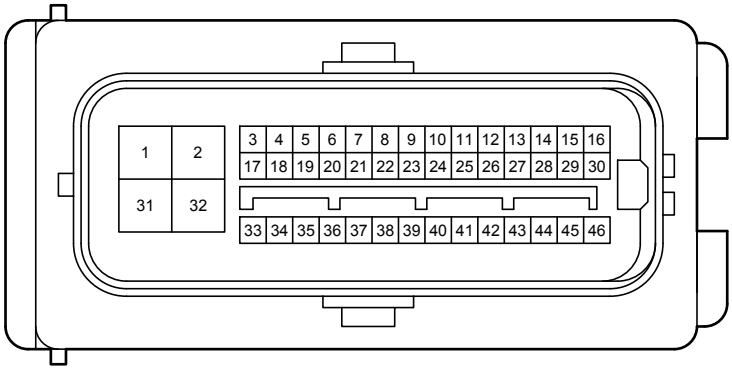



(BAT)
15A
STOP
A39
Stop Light Control Relay Assembly
STP
GND
OUT
+B
(IG)
10A
ECU–IG
No. 2
12 2B
L–B
(*2)
L–B
(*1)
R
W–B
R
(*1)
L–B
G
(*1)
L–B
(*1)
A30
Stop Light
Switch Assembly
BRK LP Relay
R
(*2)
R
(*1)
R–Y
(*1)
11 AK1
K33
Diode
(Stop Light)
16 A
STPO
A24(A)
Skid Control ECU with
Actuator Assembly
R
R
W–B
A1

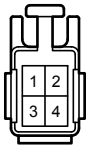
* 1 : w/ BRK LP Relay
* 2 : w/o BRK LP Relay



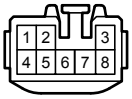
A 24
Black



A 30
Gray



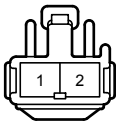
A 39
Black



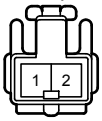
K 33
White



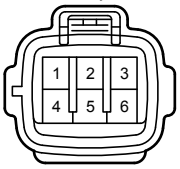
L 48
Black



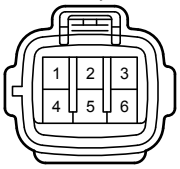
T 1
Gray



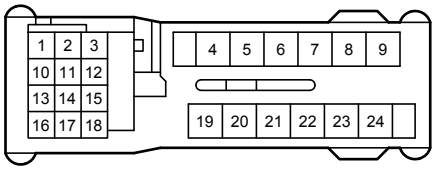
Y 1
Gray



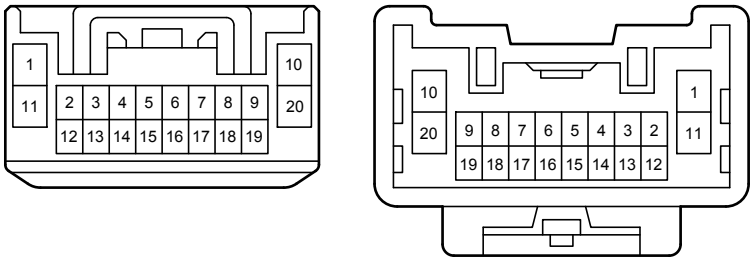
n 1
Gray



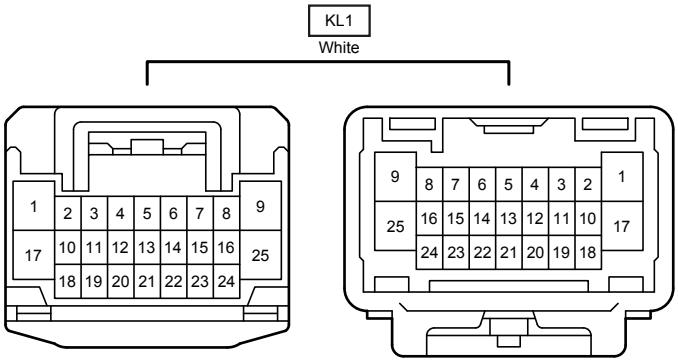
2B
White



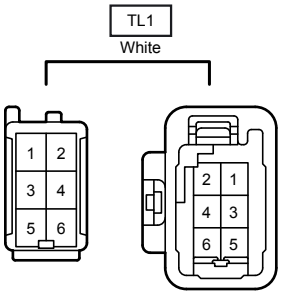
AK1
Blue



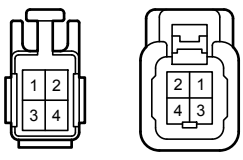
KL1
White



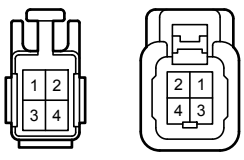
TL1
White

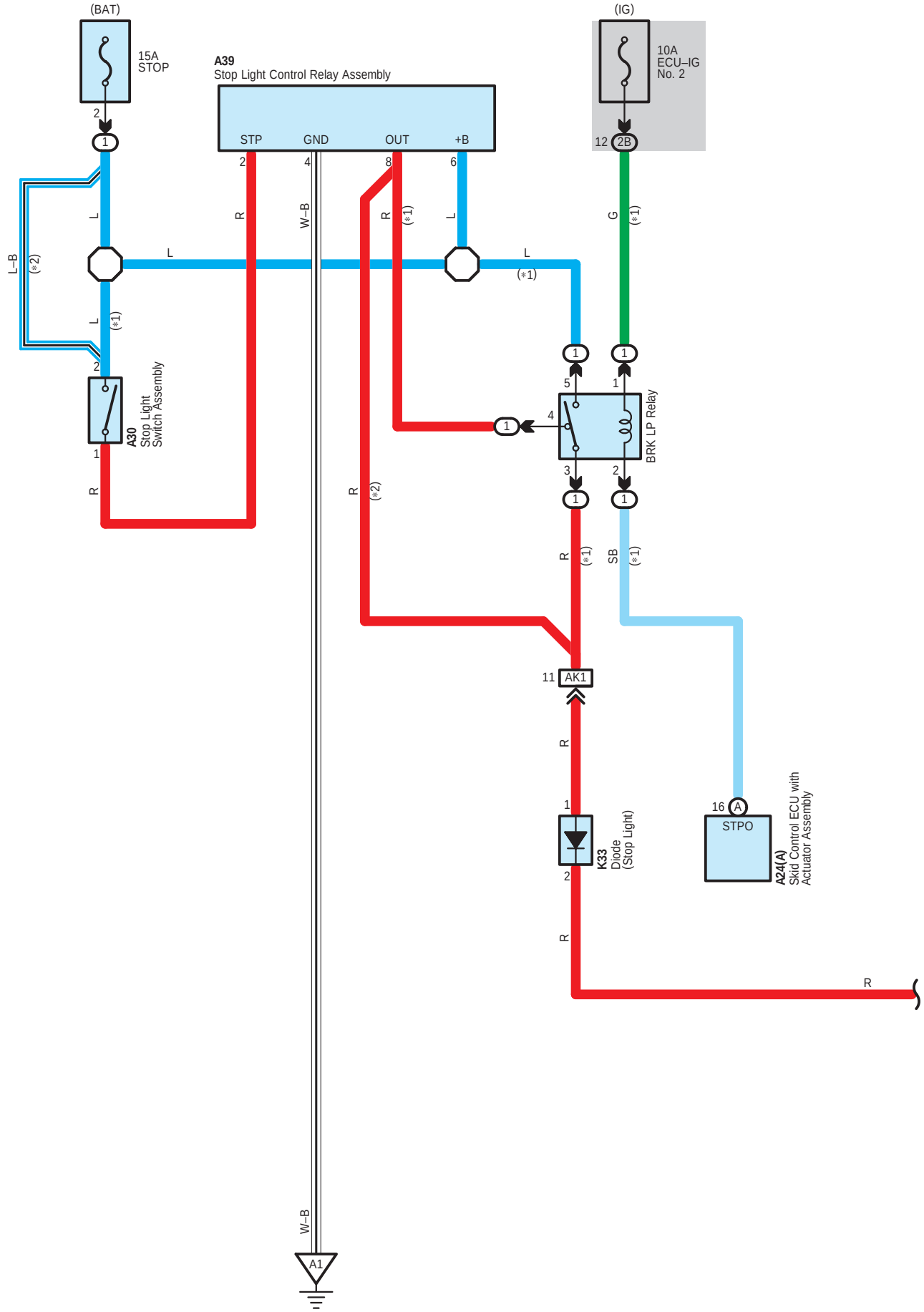


YL1
Blue

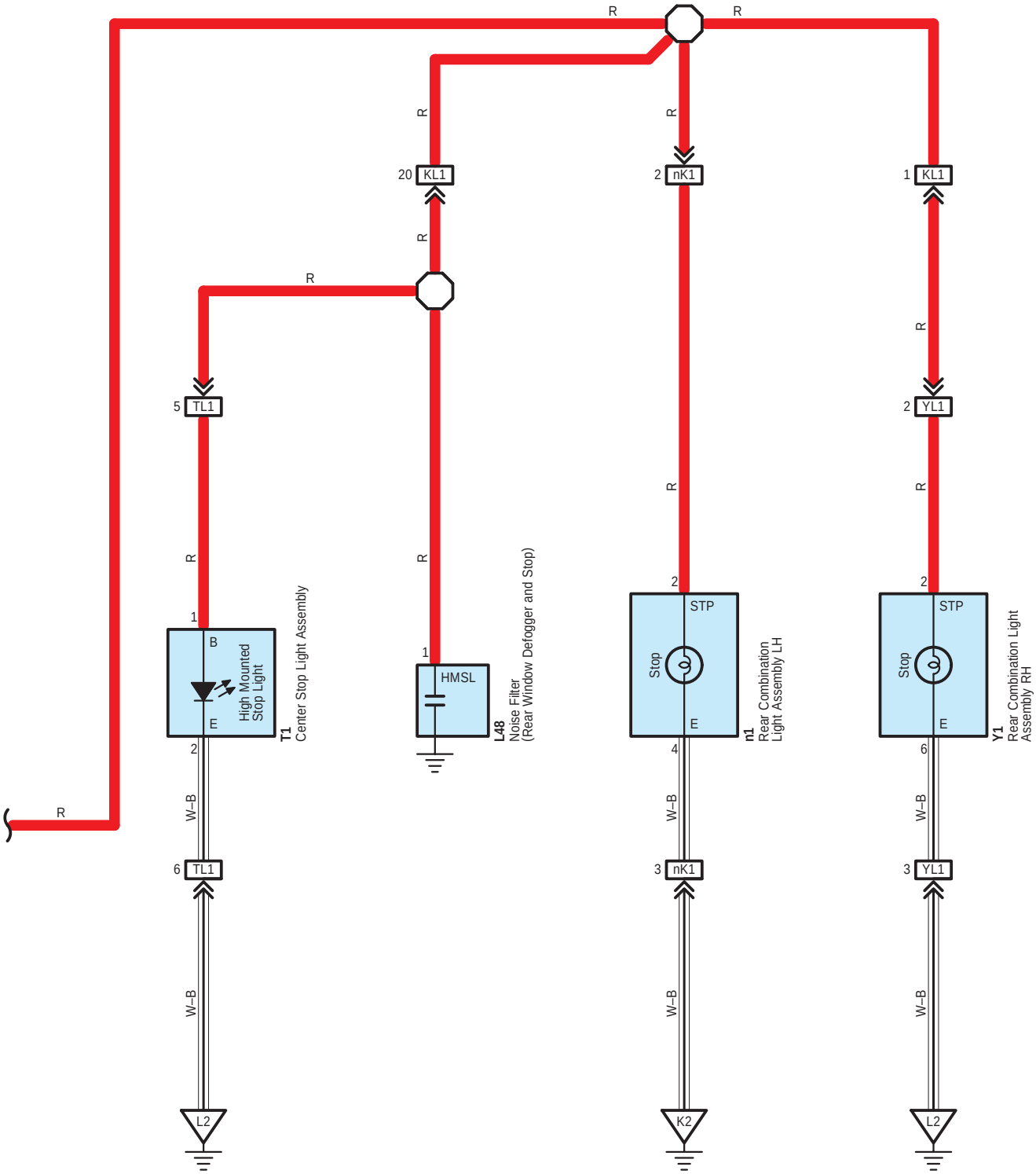


nK1
Blue

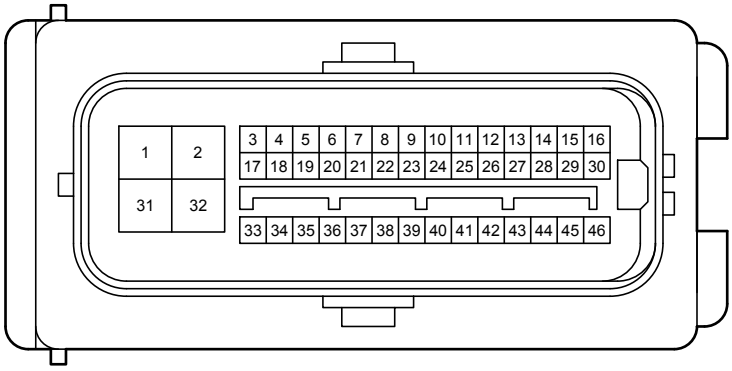



(BAT)
15A
STOP
A39
Stop Light Control Relay Assembly
STP
GND
OUT
+B
(IG)
10A
ECU–IG
No. 2
12
2B
L–B
(*2)
L
(*1)
R
W–B
G
SB
A30
Stop Light
Switch Assembly
BRK LP Relay
AK1
K33
Diode
(Stop Light)
16
A
STPO
A24(A)
Skid Control ECU with
Actuator Assembly
A1

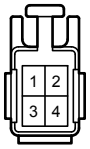
* 1 : w/ BRK LP Relay
* 2 : w/o BRK LP Relay



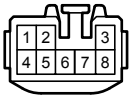
A 24
Black



A 30
Gray



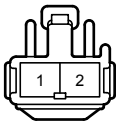
A 39
Black



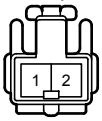
K 33
White



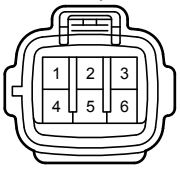
L 48
Black



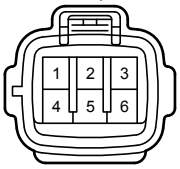
T 1
Gray



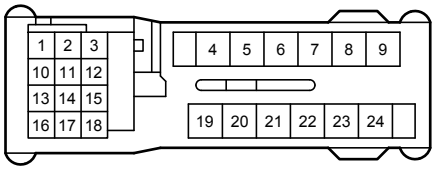
Y 1
Gray



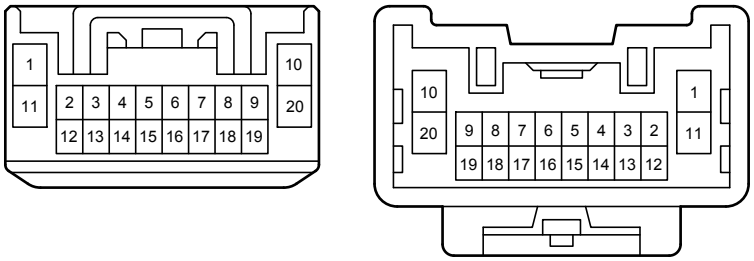
n 1
Gray



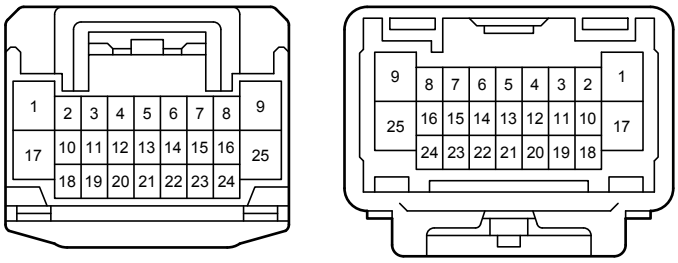
2B
White



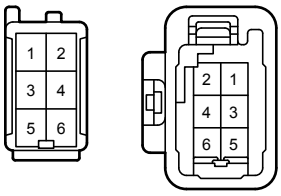
AK1
Blue



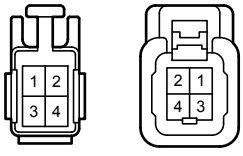
KL1
White



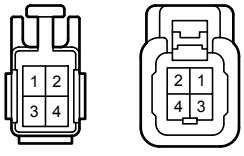
TL1
White

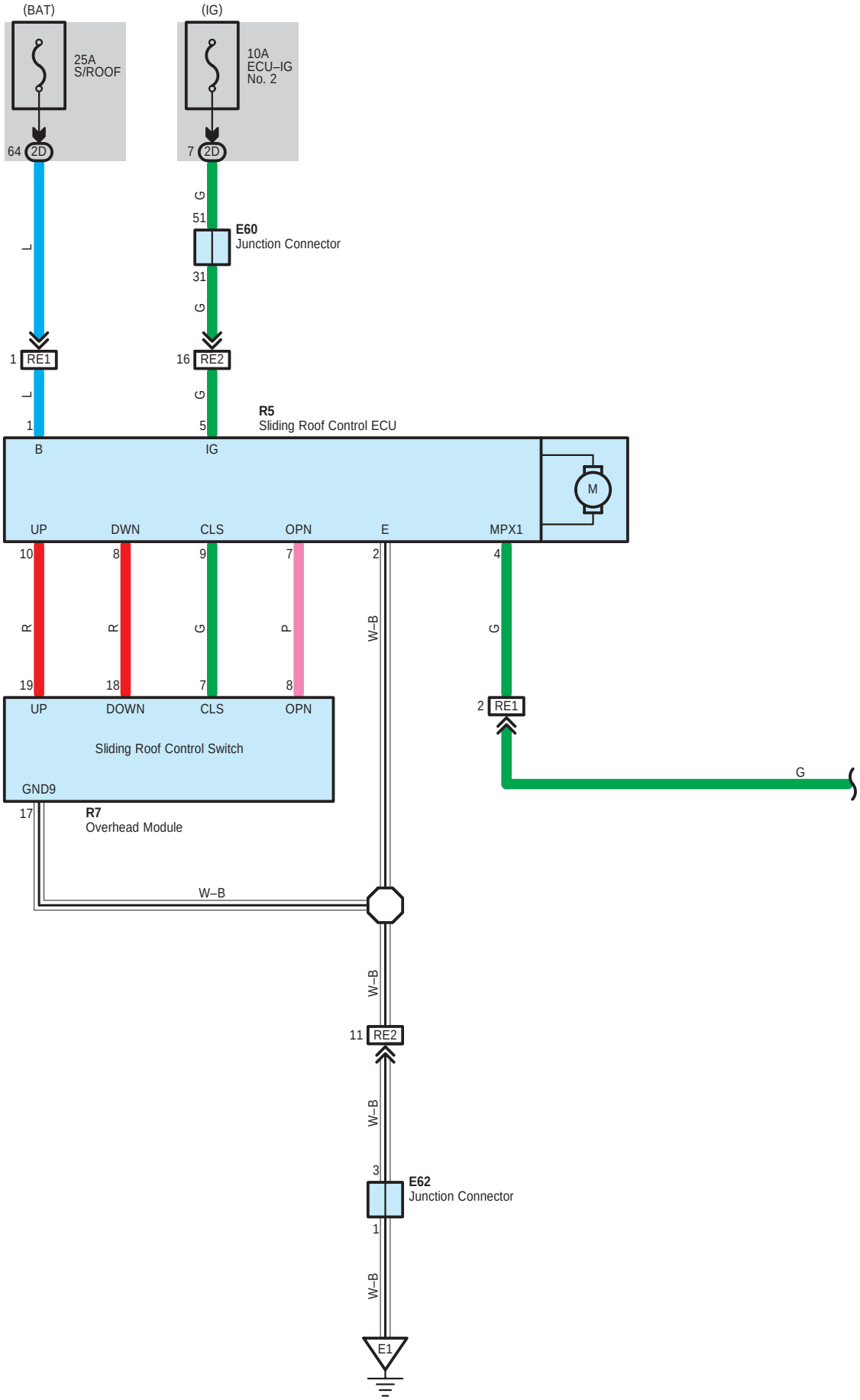


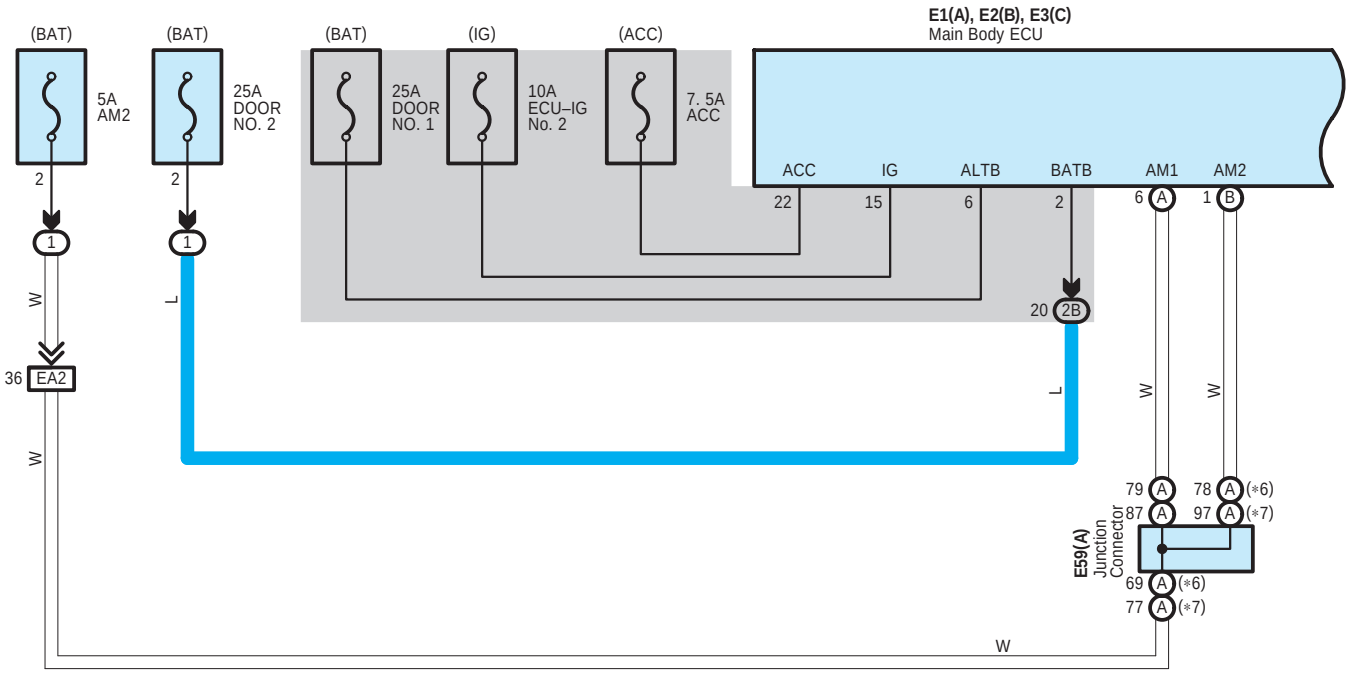
YL1
Blue



nK1
Blue

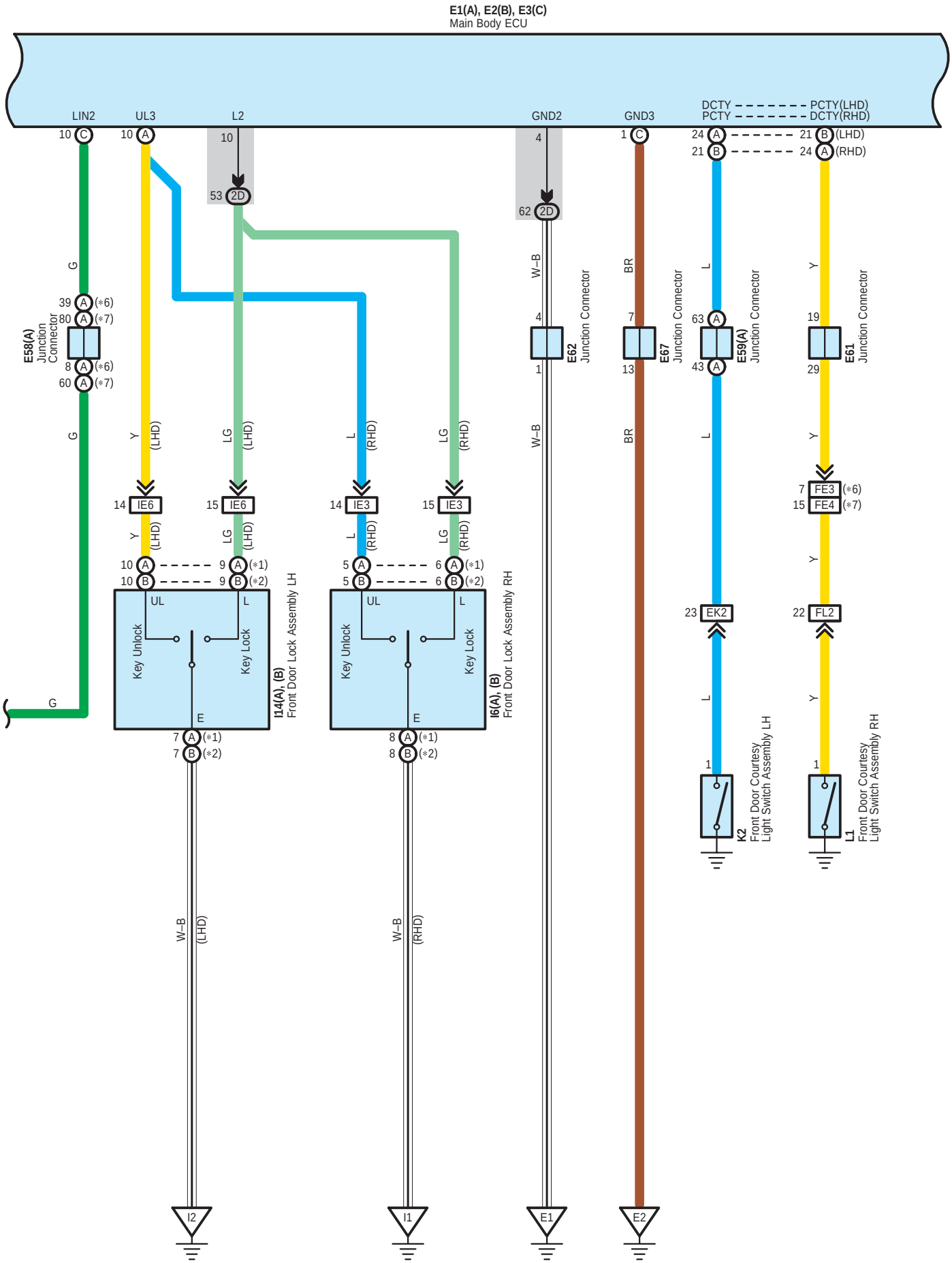


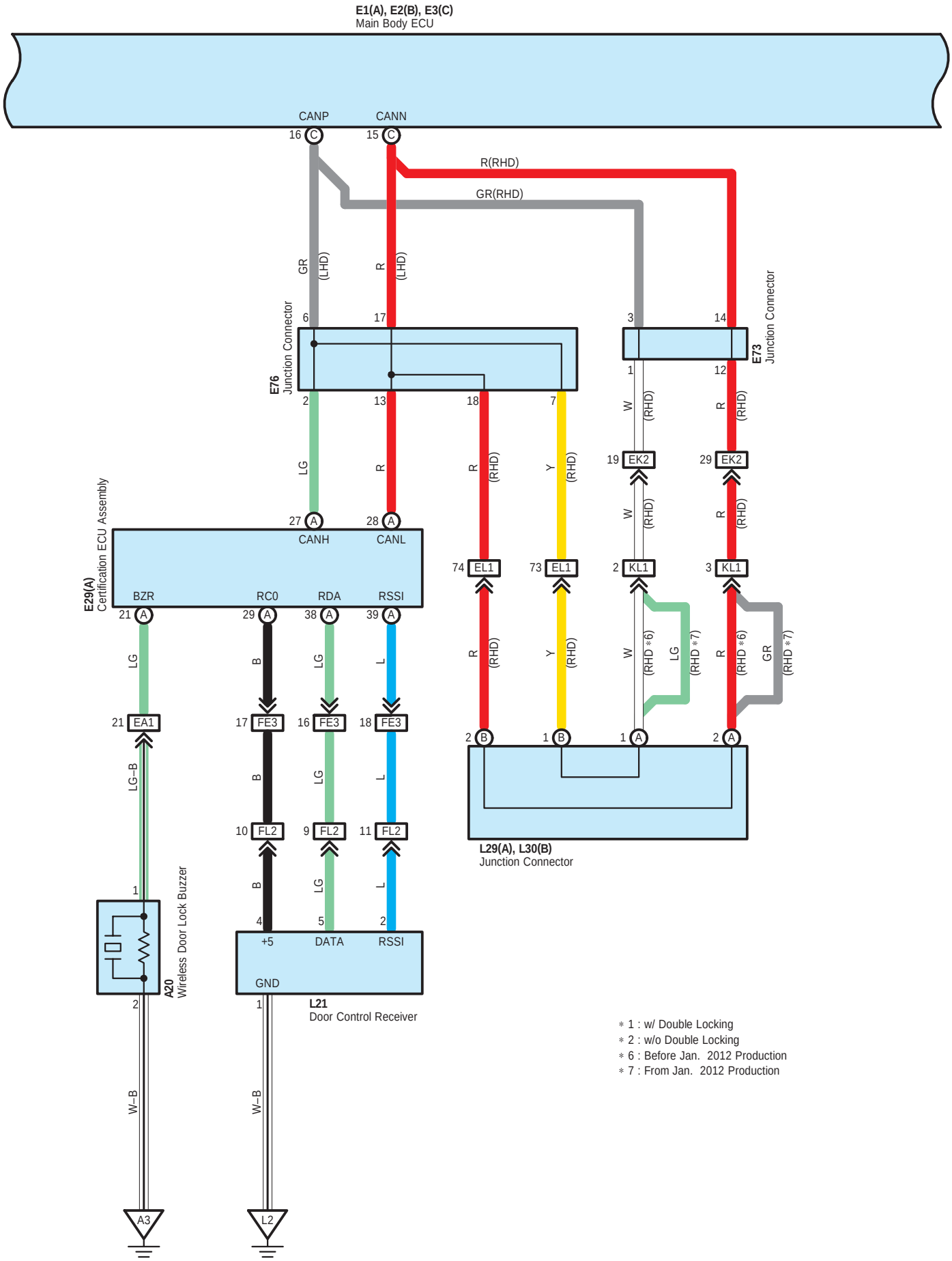

(BAT)
(IG)
25A
S/ROOF
10A
ECU–IG
No. 2
64 2D
7 2D
G
51
E60
Junction Connector
31
G
L
1 RE1
16 RE2
L
G
1
5
R5
Sliding Roof Control ECU
B
IG
M
UP
DWN
CLS
OPN
E
MPX1
10
8
9
7
2
4
R
R
G
P
W–B
G
19
18
7
8
2 RE1
UP
DOWN
CLS
OPN
Sliding Roof Control Switch
G
GND9
17
R7
Overhead Module
W–B
W–B
11 RE2
W–B
3
E62
Junction Connector
1
W–B
E1



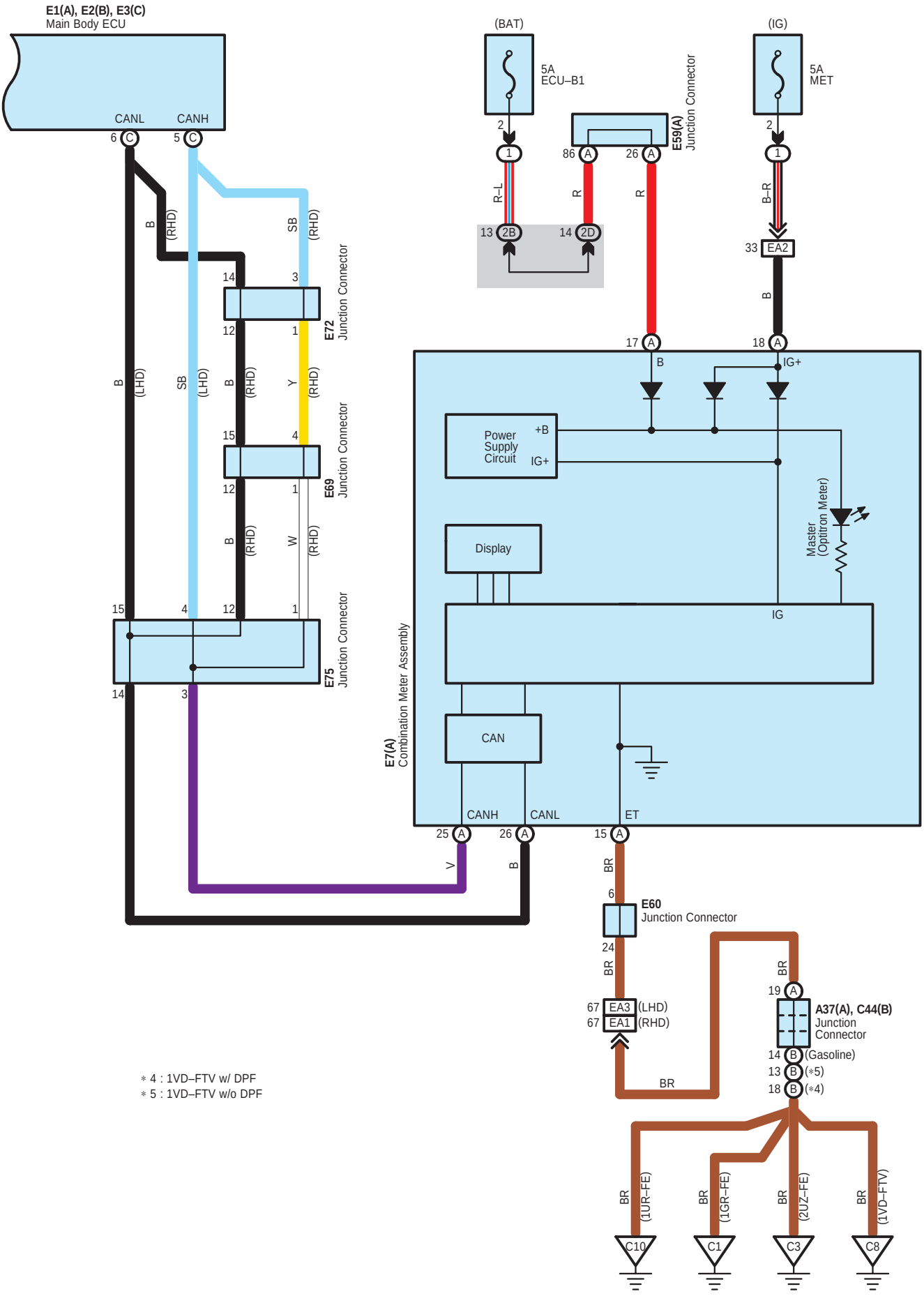
* 6 : Before Jan. 2012 Production
* 7 : From Jan. 2012 Production



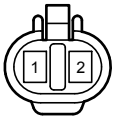

E1(A), E2(B), E3(C)
Main Body ECU
LIN2
UL3
L2
GND2
GND3
DCTY
PCTY
PCTY(LHD)
DCTY(RHD)
(LHD)
(RHD)
E58(A) Junction Connector
E62 Junction Connector
E67 Junction Connector
E59(A) Junction Connector
E61 Junction Connector
IE6
IE3
FE3
FE4
EK2
FL2
Key Unlock
Key Lock
UL
L
E
I14(A), (B) Front Door Lock Assembly LH
I6(A), (B) Front Door Lock Assembly RH
K2 Front Door Courtesy Light Switch Assembly LH
L1 Front Door Courtesy Light Switch Assembly RH
I2
I1
E1
E2



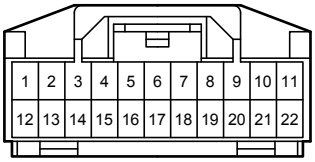
* 1 : w/ Double Locking
* 2 : w/o Double Locking
* 6 : Before Jan. 2012 Production
* 7 : From Jan. 2012 Production


E1(A), E2(B), E3(C)
Main Body ECU
CANL
CANH
(BAT)
5A
ECU–B1
(IG)
5A
MET
E59(A)
Junction Connector
E72
Junction Connector
E69
Junction Connector
E75
Junction Connector
Power Supply Circuit
+B
IG+
Display
Master (Optitron Meter)
IG
CAN
E7(A)
Combination Meter Assembly
CANH
CANL
ET
E60
Junction Connector
EA3 (LHD)
EA1 (RHD)
EA2
A37(A), C44(B)
Junction Connector
(Gasoline)
(*5)
(*4)
(1UR–FE)
(1GR–FE)
(2UZ–FE)
(1VD–FTV)
C10
C1
C3
C8
* 4 : 1VD–FTV w/ DPF
* 5 : 1VD–FTV w/o DPF

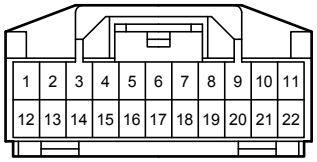
A 20
Black



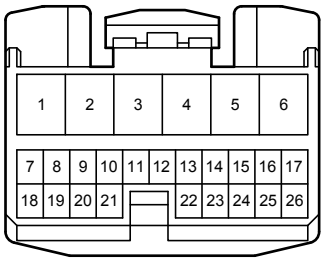
A 37
Blue



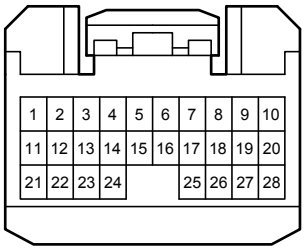
C 44
Blue



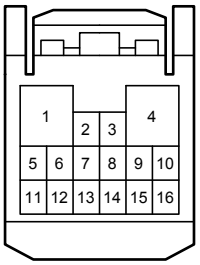
E 1
White



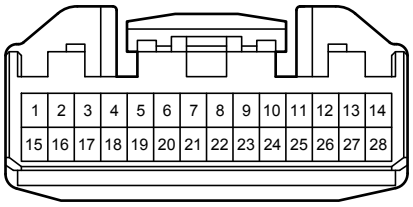
E 2
White



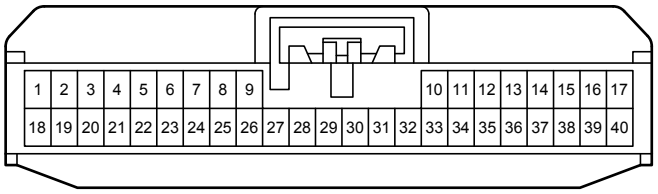
E 3
White



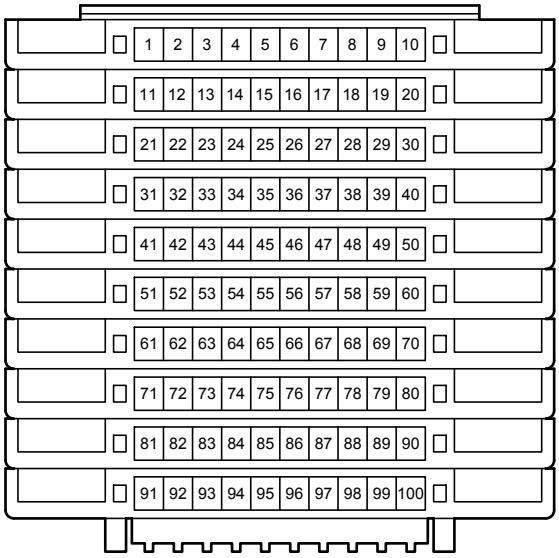
E 7
White



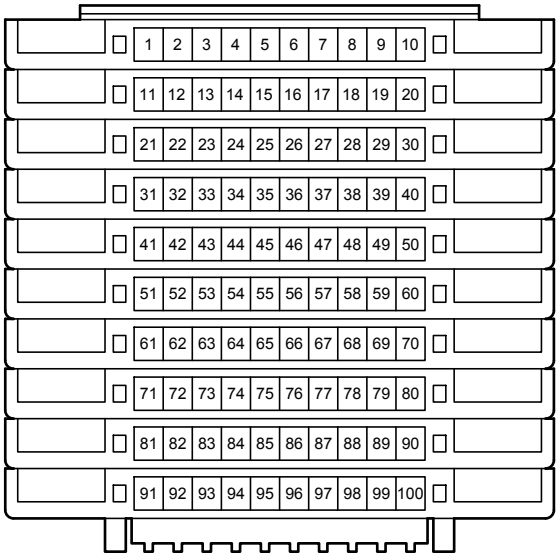
E 29
White



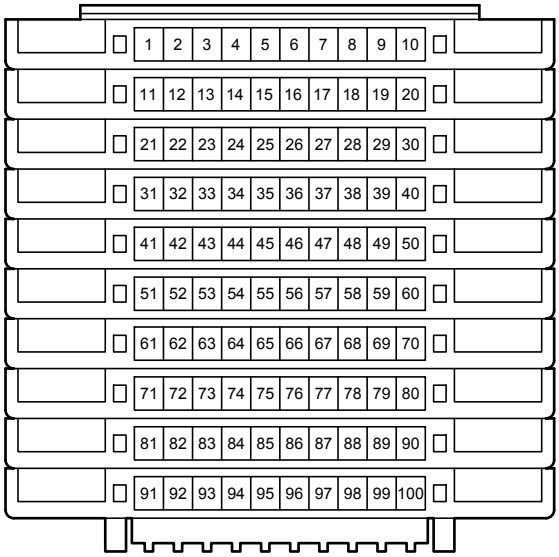
E 58



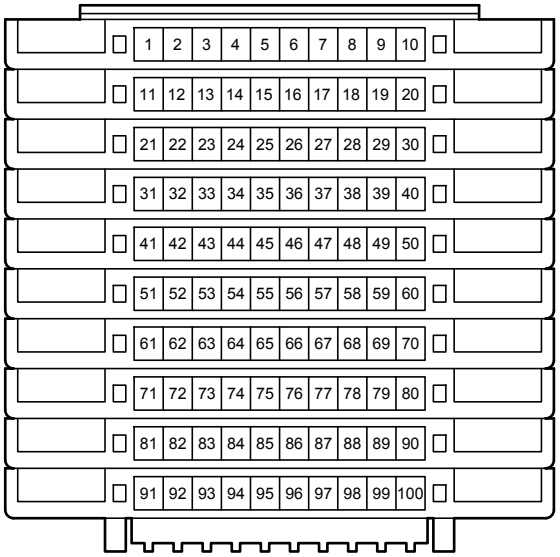
E 59



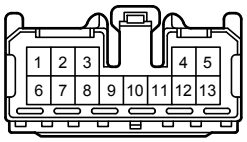
E 60



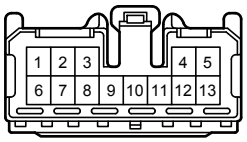
E 61



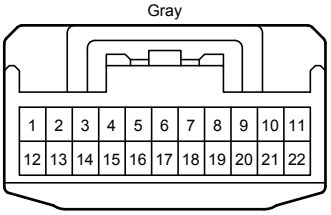
E 62
White



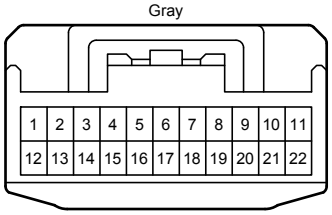
E 67
White



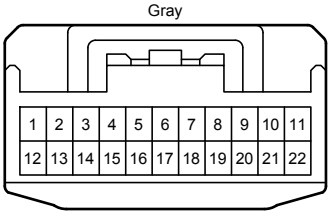
E 69
Gray



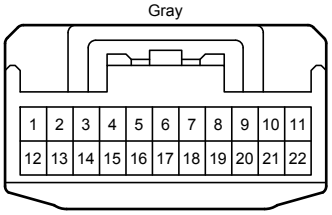
E 72
Gray



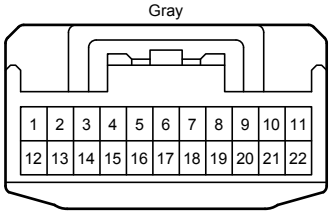
E 73
Gray



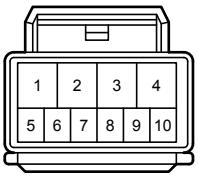
E 75
Gray



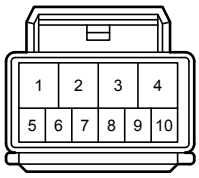
E 76
Gray



I 6
White



I 14
White



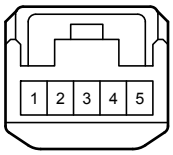
K 2
White



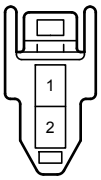
L 1
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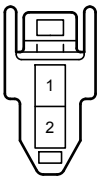
L 21
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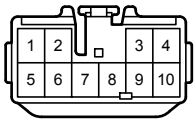
L 29
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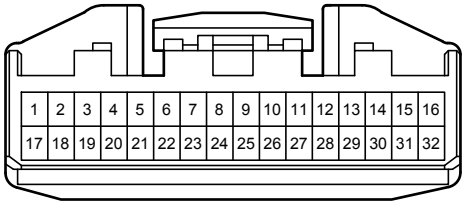
L 30
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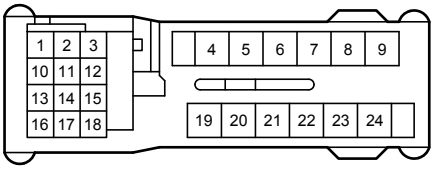
R 5
White



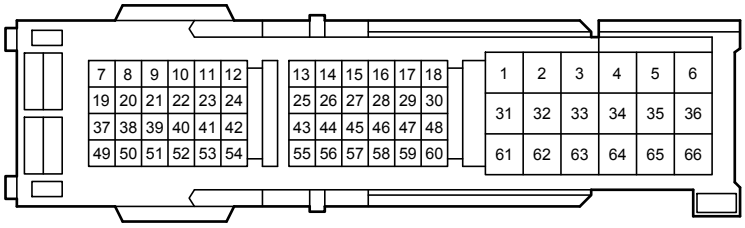
R 7
White



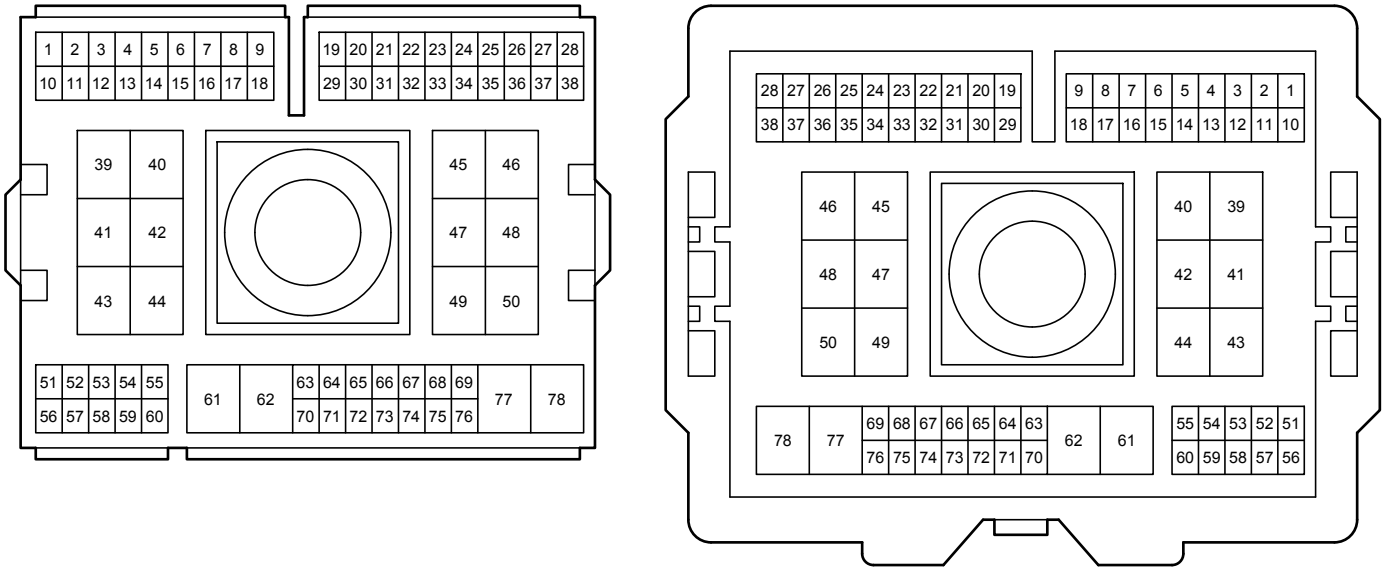
2B
White



2D
White

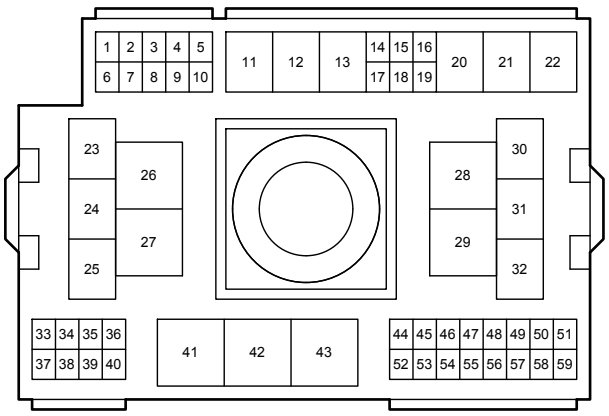


EA1
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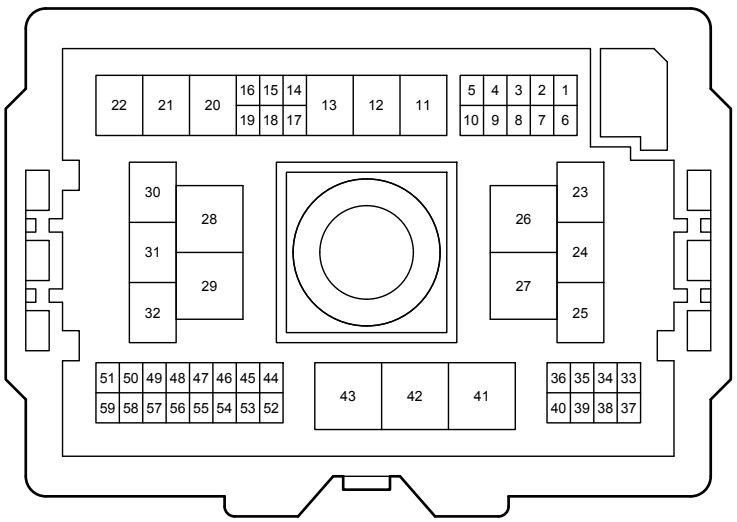


EA2

White

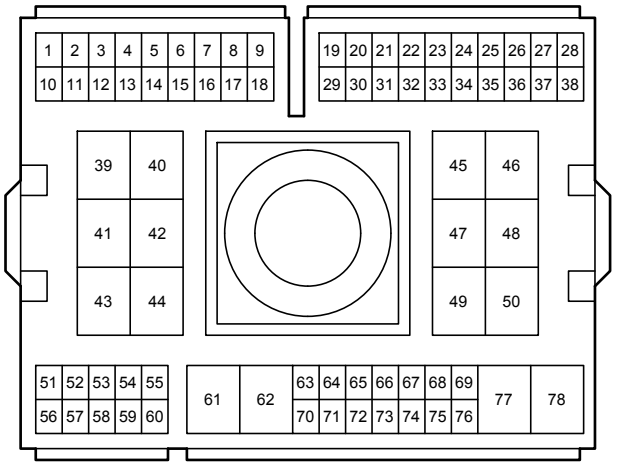


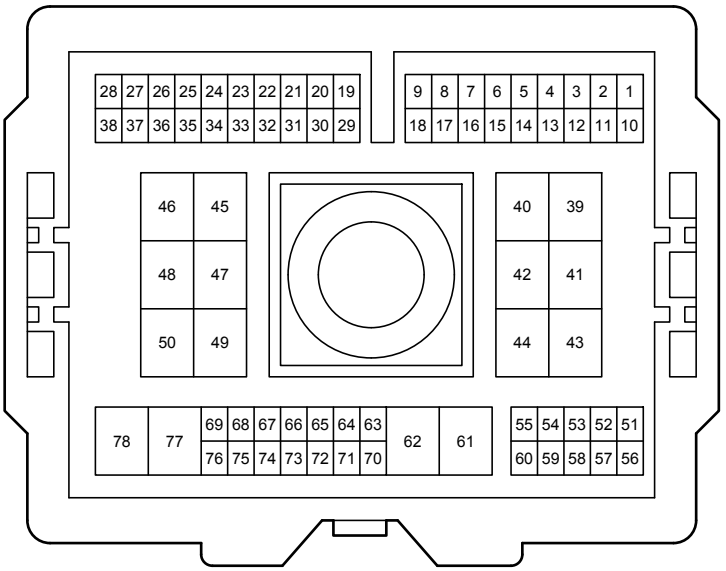
Gray



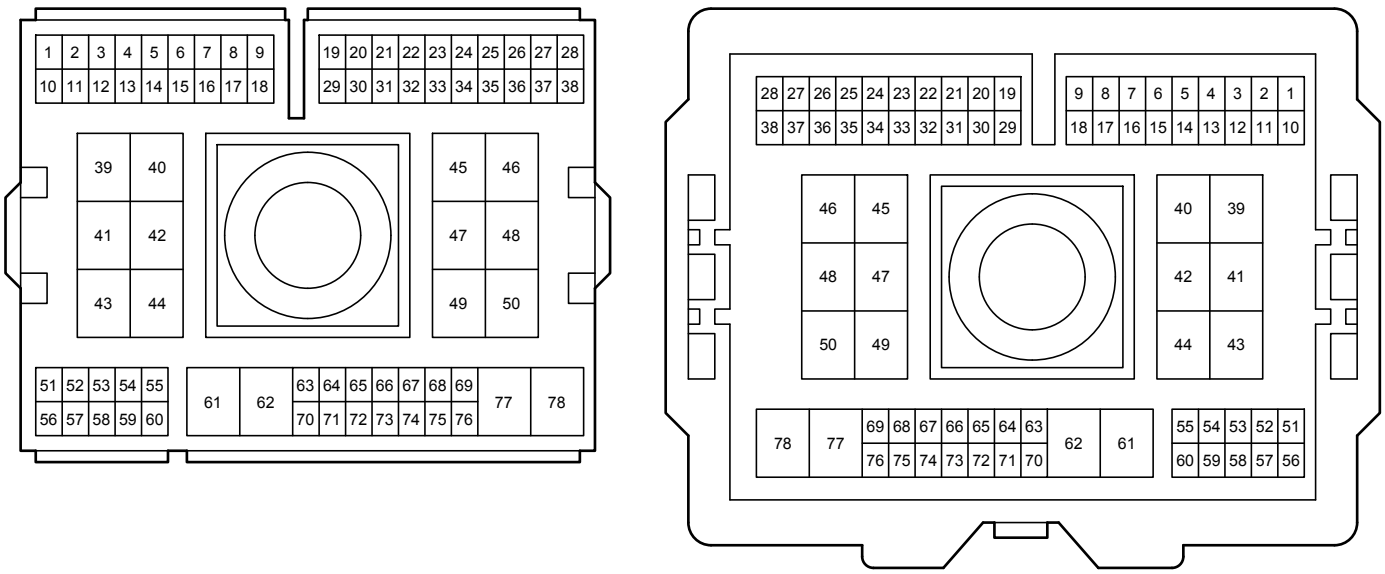
EA3

White

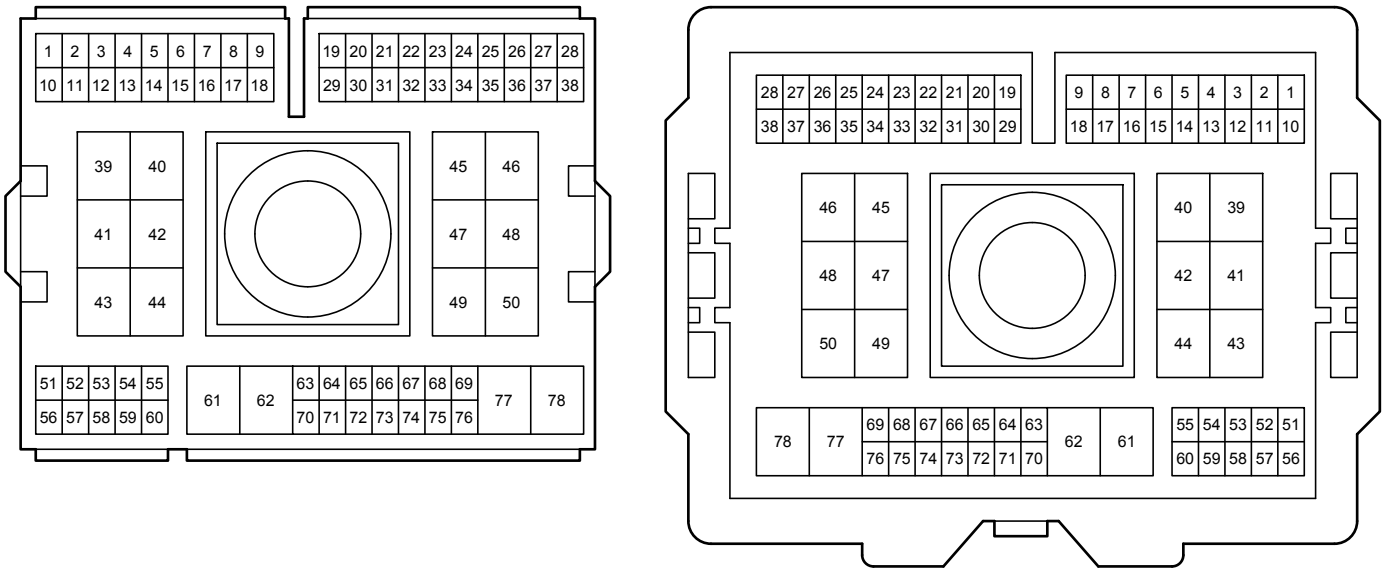




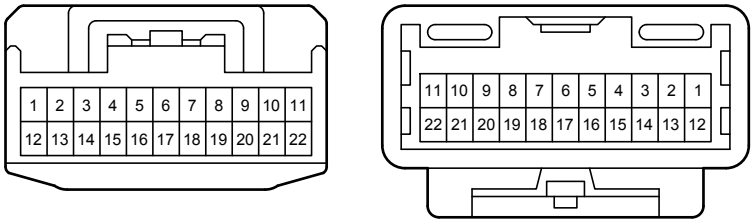
EK2
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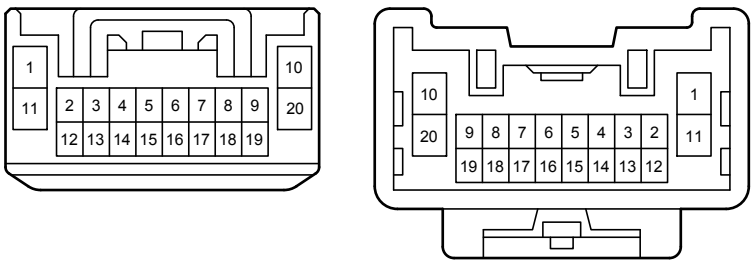
EL1
White



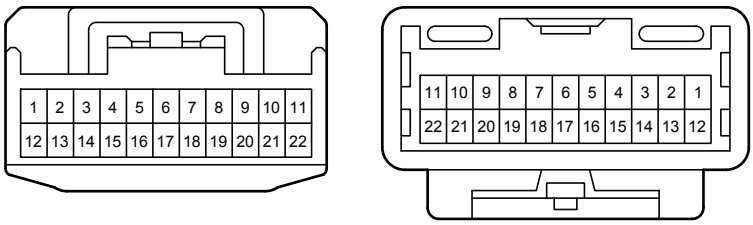
FE3
White



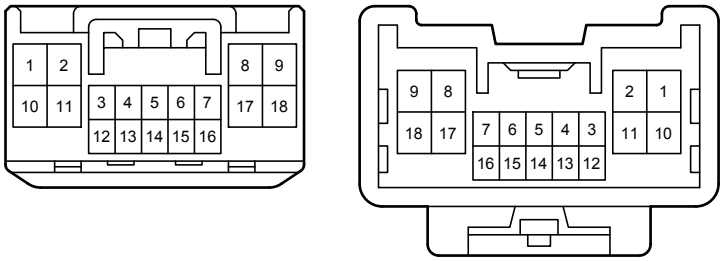
FE4
White



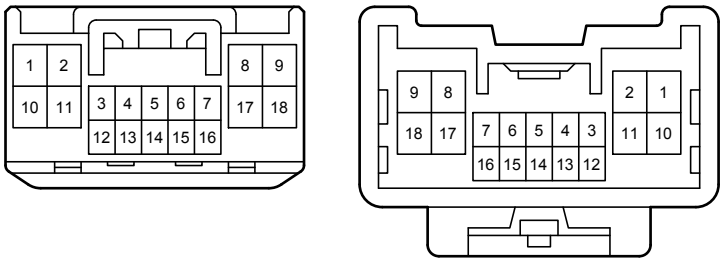
FL2
Blue

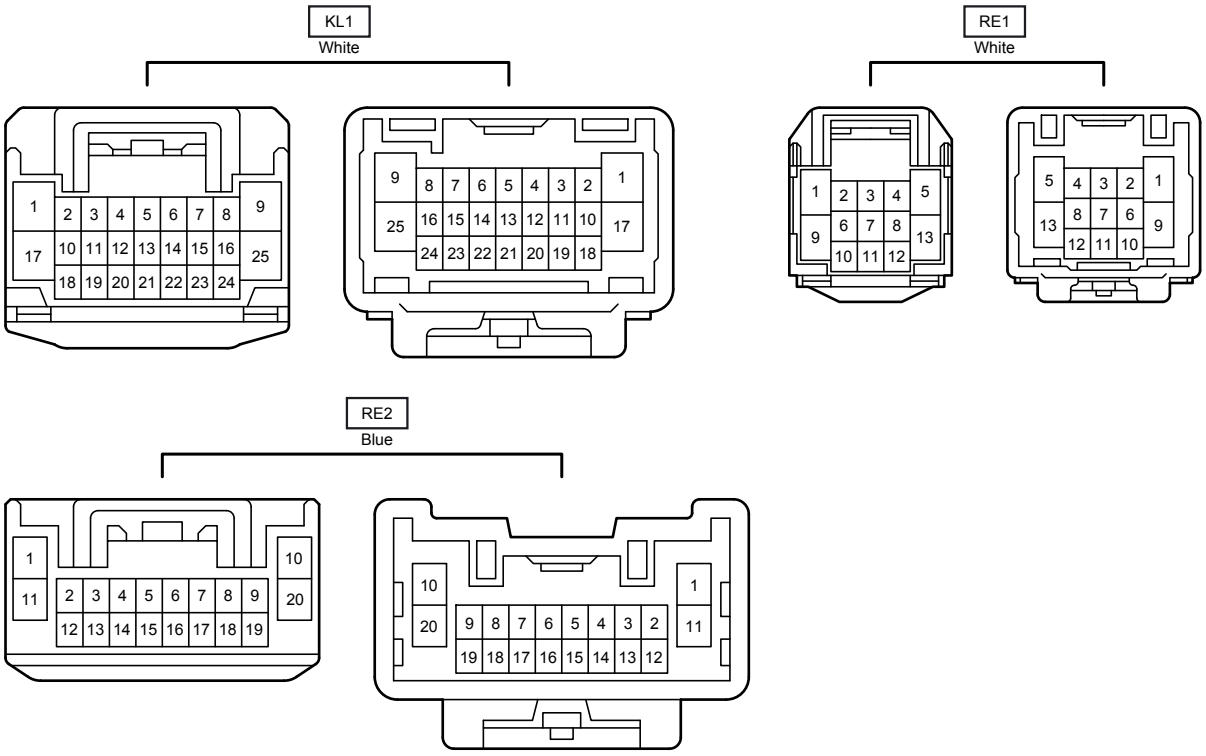


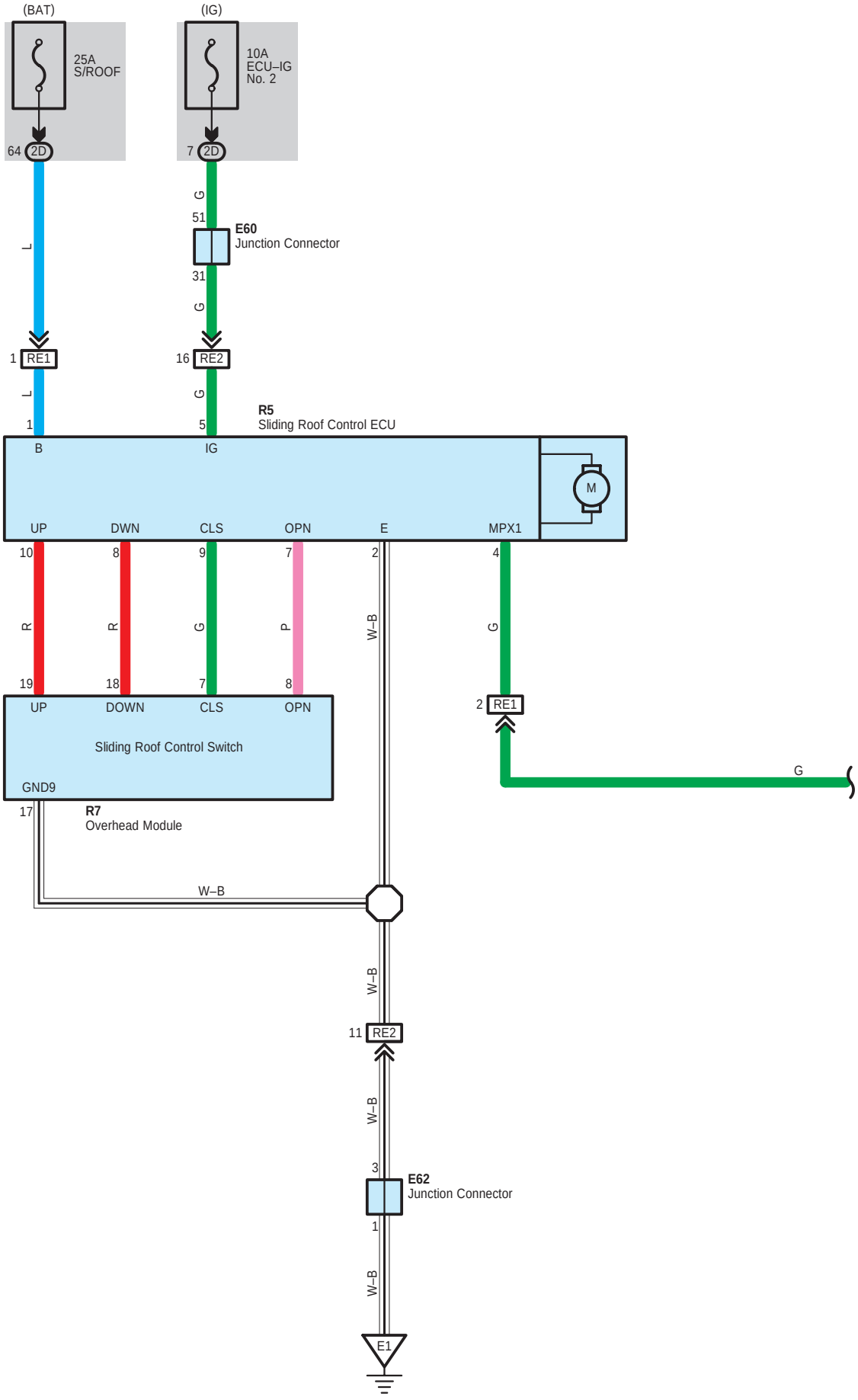
IE3
White

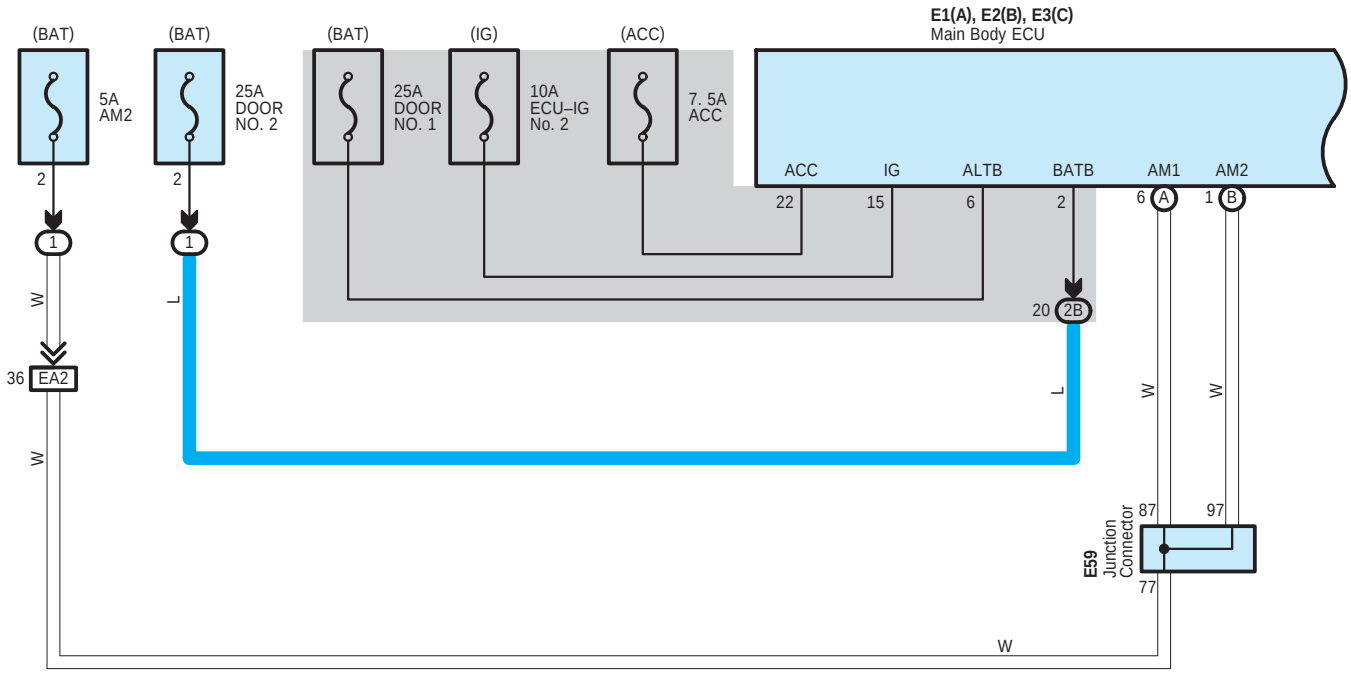


IE6
White

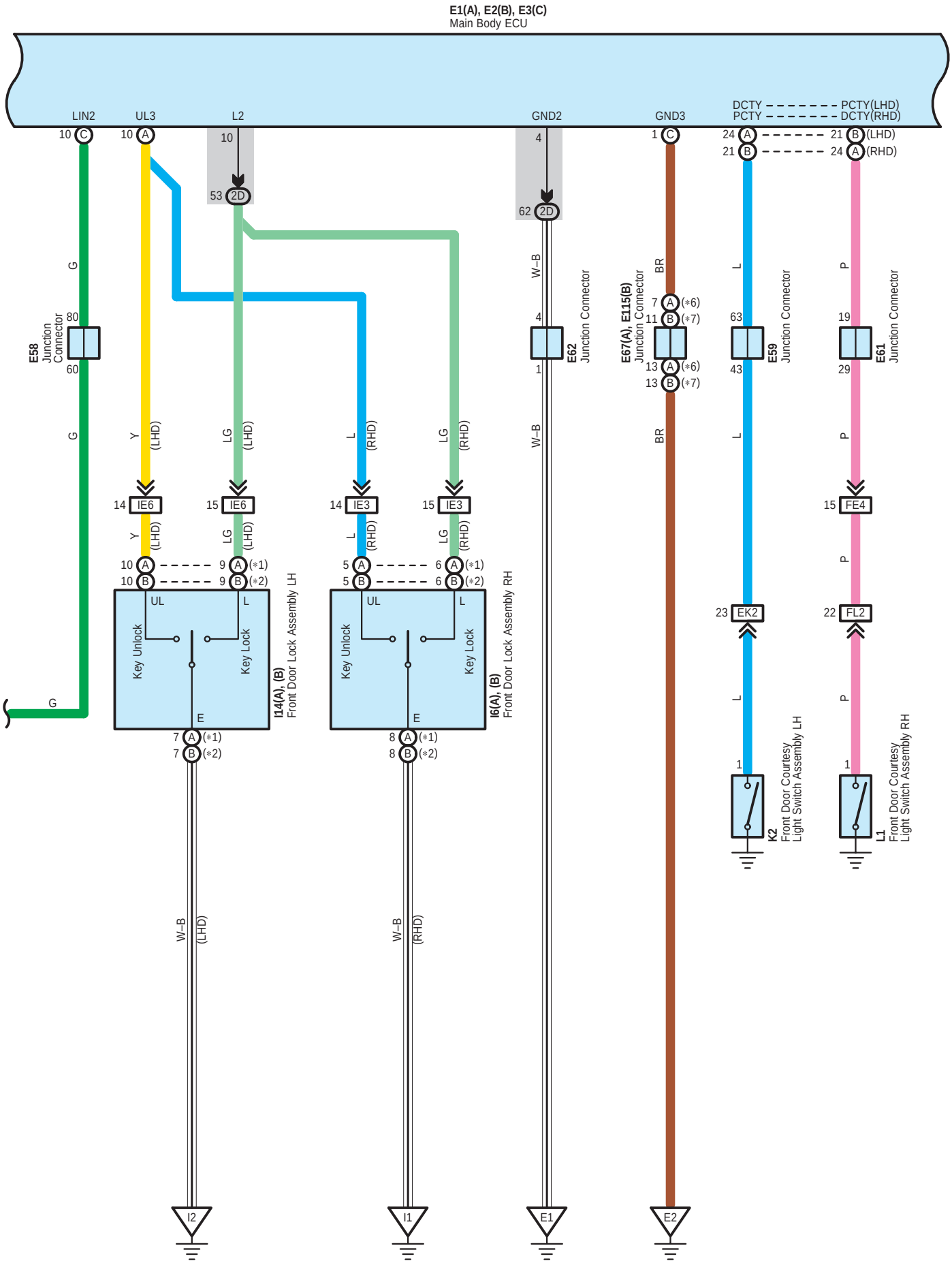


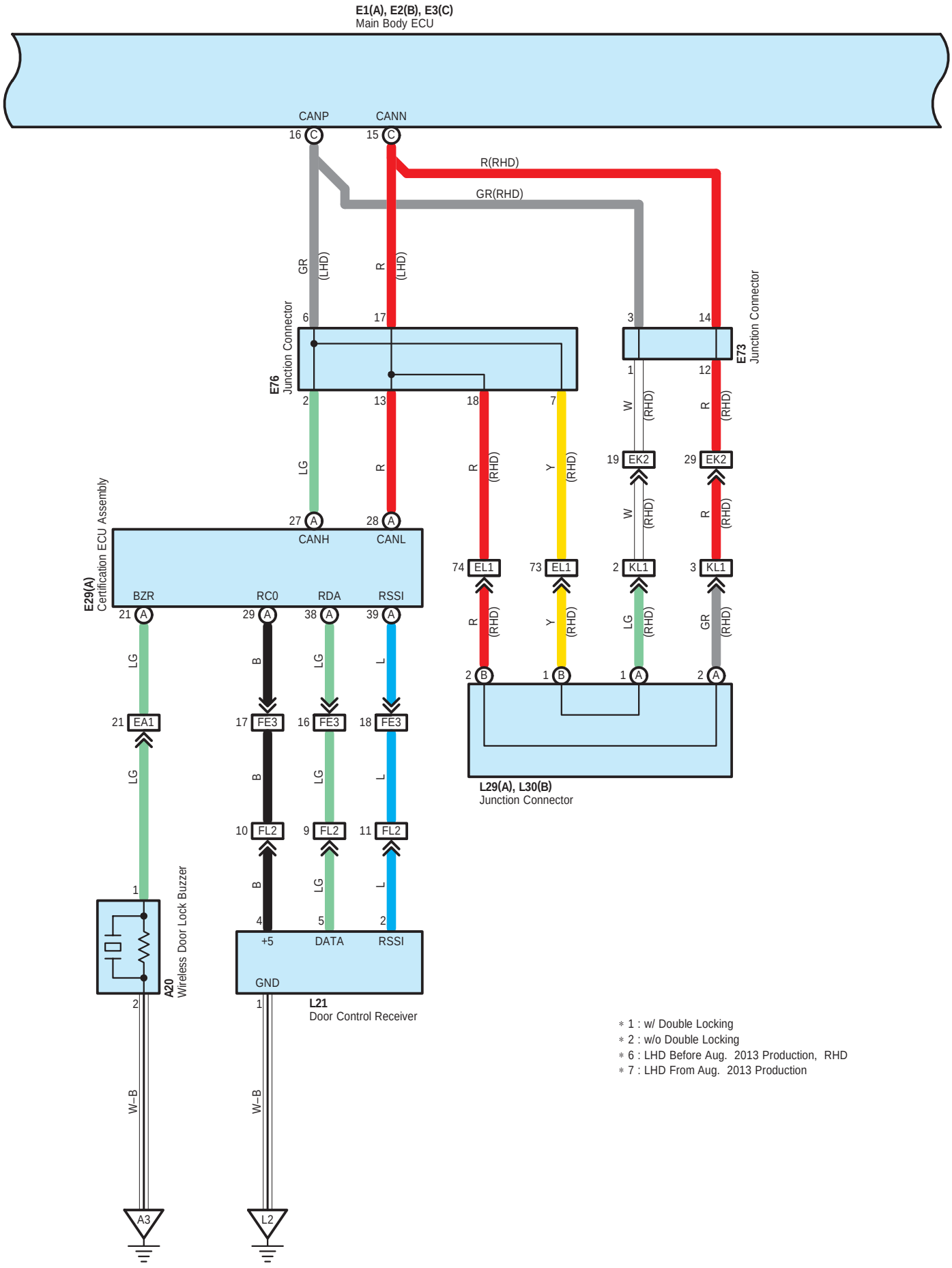

KL1
White
1 2 3 4 5 6 7 8 9
17 10 11 12 13 14 15 16 25
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18
RE1
White
1 2 3 4 5
9 6 7 8 13
10 11 12
5 4 3 2 1
13 8 7 6 9
12 11 10
RE2
Blue
1 10
11 2 3 4 5 6 7 8 9 20
12 13 14 15 16 17 18 19
10 1
20 9 8 7 6 5 4 3 2 11
19 18 17 16 15 14 13 12


(BAT)
(IG)
25A
S/ROOF
10A
ECU–IG
No. 2
64 2D
7 2D
G
51
E60
Junction Connector
31
G
L
1 RE1
16 RE2
L
G
1
5
R5
Sliding Roof Control ECU
B
IG
M
UP
DWN
CLS
OPN
E
MPX1
10
8
9
7
2
4
R
R
G
P
W–B
G
19
18
7
8
2 RE1
UP
DOWN
CLS
OPN
Sliding Roof Control Switch
G
GND9
17
R7
Overhead Module
W–B
W–B
11 RE2
W–B
3
E62
Junction Connector
1
W–B
E1

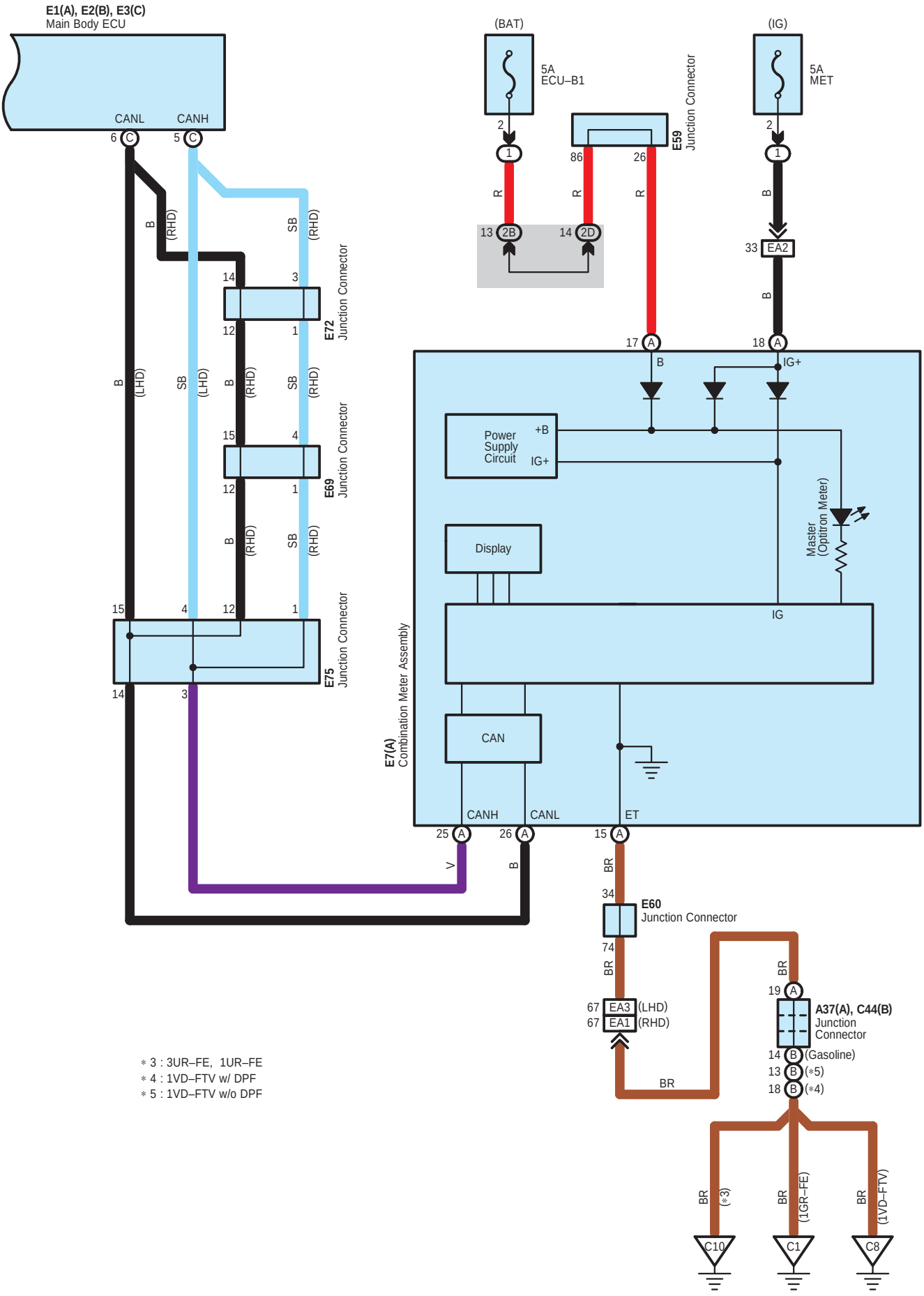

(BAT)
(BAT)
(BAT)
(IG)
(ACC)
E1(A), E2(B), E3(C)
Main Body ECU
5A
AM2
25A
DOOR
NO. 2
25A
DOOR
NO. 1
10A
ECU–IG
No. 2
7. 5A
ACC
ACC
IG
ALTB
BATB
AM1
AM2
22
15
6
2
6 A
1 B
2
2
1
1
W
L
20 2B
36 EA2
L
W
W
W
87
97
E59
Junction
Connector
77
W


G
G

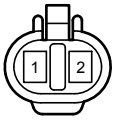

E1(A), E2(B), E3(C)
Main Body ECU
LIN2
UL3
L2
GND2
GND3
DCTY
PCTY(LHD)
PCTY
DCTY(RHD)
E58 Junction Connector
E62 Junction Connector
E67(A), E115(B) Junction Connector
E59 Junction Connector
E61 Junction Connector
I14(A), (B) Front Door Lock Assembly LH
I6(A), (B) Front Door Lock Assembly RH
K2 Front Door Courtesy Light Switch Assembly LH
L1 Front Door Courtesy Light Switch Assembly RH
Key Unlock
Key Lock
UL
L
E
IE6
IE3
FE4
EK2
FL2
(LHD)
(RHD)
(*1)
(*2)
(*6)
(*7)
I2
I1
E1
E2



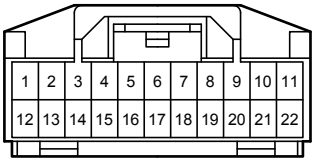
∗ 1 : w/ Double Locking
∗ 2 : w/o Double Locking
∗ 6 : LHD Before Aug. 2013 Production, RHD
∗ 7 : LHD From Aug. 2013 Production


E1(A), E2(B), E3(C)
Main Body ECU
CANL
CANH
6 C
5 C
(BAT)
5A
ECU–B1
2
1
R
13 2B
14 2D
86
26
E59
Junction Connector
(IG)
5A
MET
2
1
B
33 EA2
B
17 A
18 A
B
IG+
Power Supply Circuit
+B
IG+
Display
Master (Optitron Meter)
IG
CAN
CANH
CANL
ET
25 A
26 A
15 A
E7(A)
Combination Meter Assembly
B (RHD)
SB (RHD)
B (LHD)
SB (LHD)
B (RHD)
SB (RHD)
14
3
12
1
E72
Junction Connector
15
4
12
1
E69
Junction Connector
15
4
12
1
14
3
E75
Junction Connector
V
B
BR
34
E60
Junction Connector
74
BR
67 EA3 (LHD)
67 EA1 (RHD)
BR
BR
19 A
A37(A), C44(B)
Junction Connector
14 B (Gasoline)
13 B (*5)
18 B (*4)
BR (*3)
C10
BR (1GR–FE)
C1
BR (1VD–FTV)
C8
* 3 : 3UR–FE, 1UR–FE
* 4 : 1VD–FTV w/ DPF
* 5 : 1VD–FTV w/o DPF

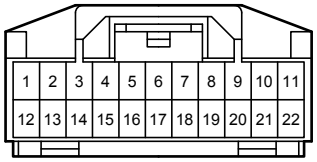
A 20
Black



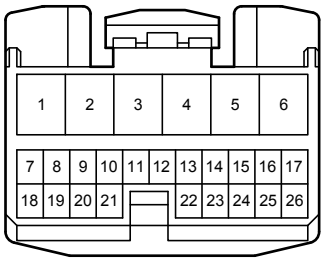
A 37
Blue



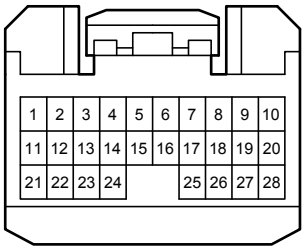
C 44
Blue



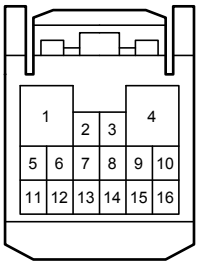
E 1
White



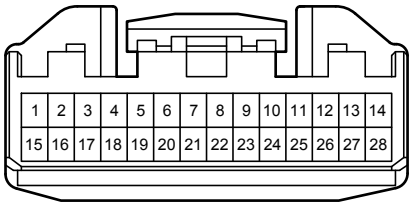
E 2
White



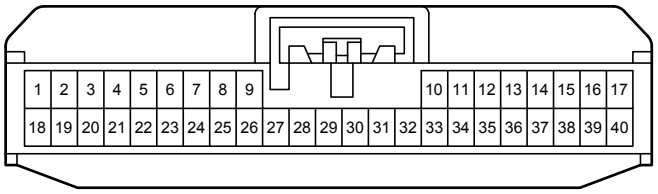
E 3
White



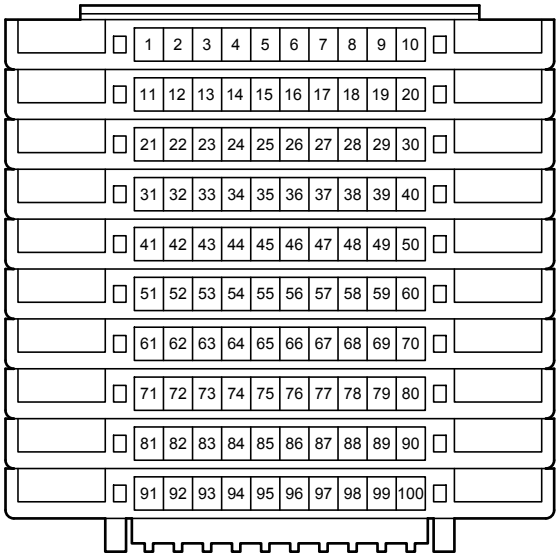
E 7
White



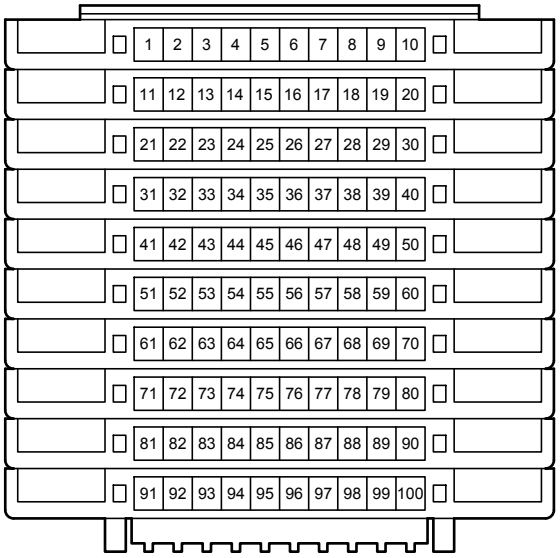
E 29
White



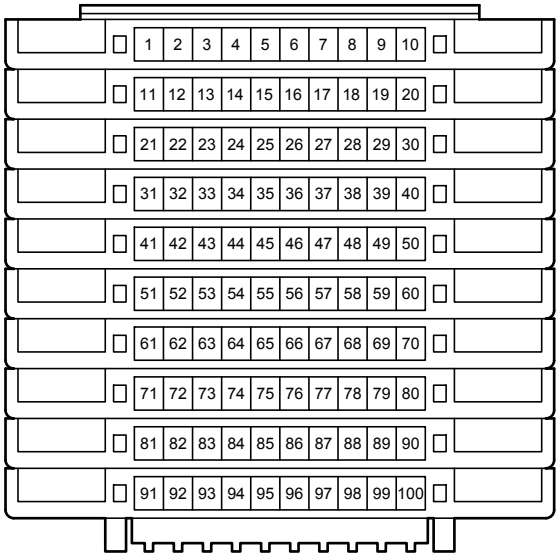
E 58



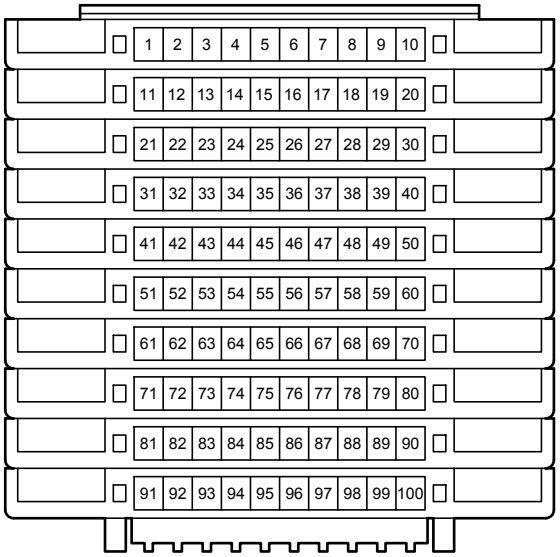
E 59



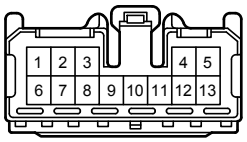
E 60



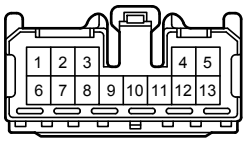
E 61



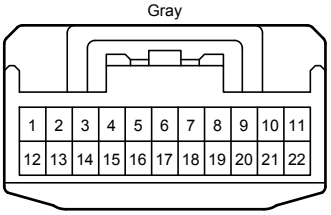
E 62
White



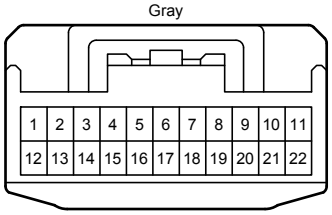
E 67
White



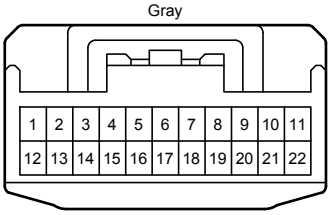
E 69
Gray



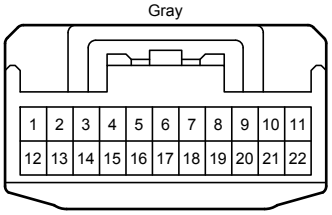
E 72
Gray



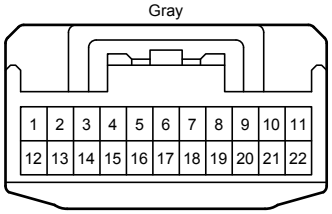
E 73
Gray



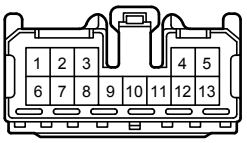
E 75
Gray



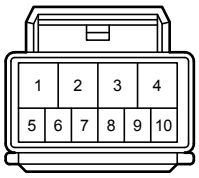
E 76
Gray



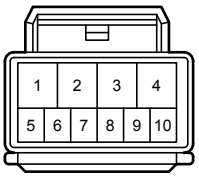
E115
White



I 6
White



I 14
White



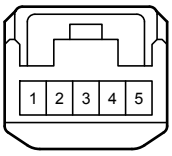
K 2
White



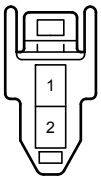
L 1
White



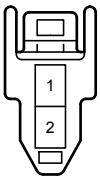
L 21
White



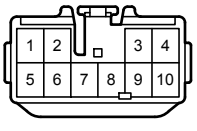
L 29
White



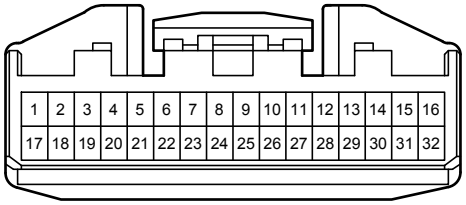
L 30
White



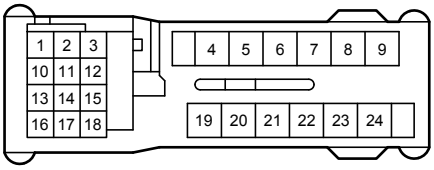
R 5
White



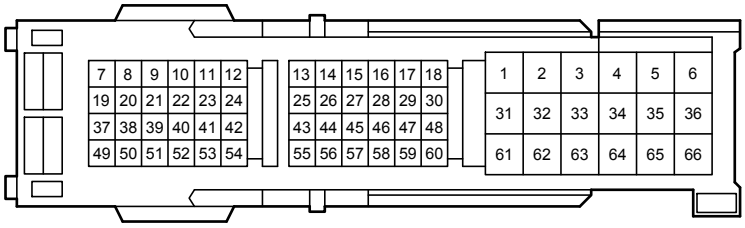
R 7
White



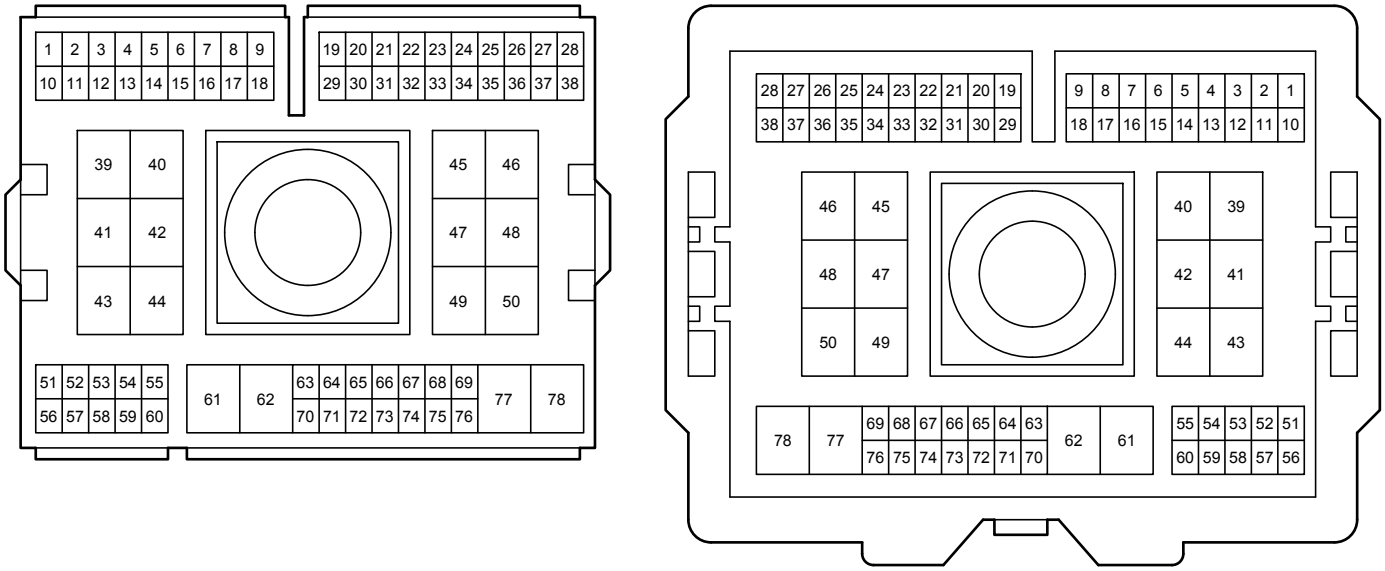
2B
White



2D
White



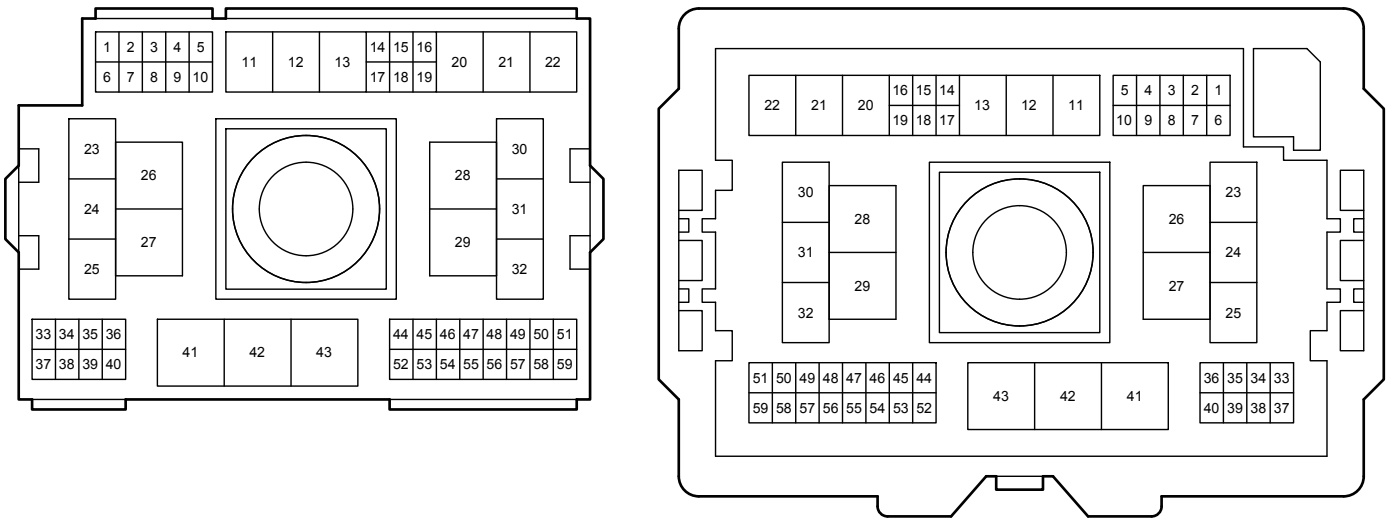
EA1
White



EA2

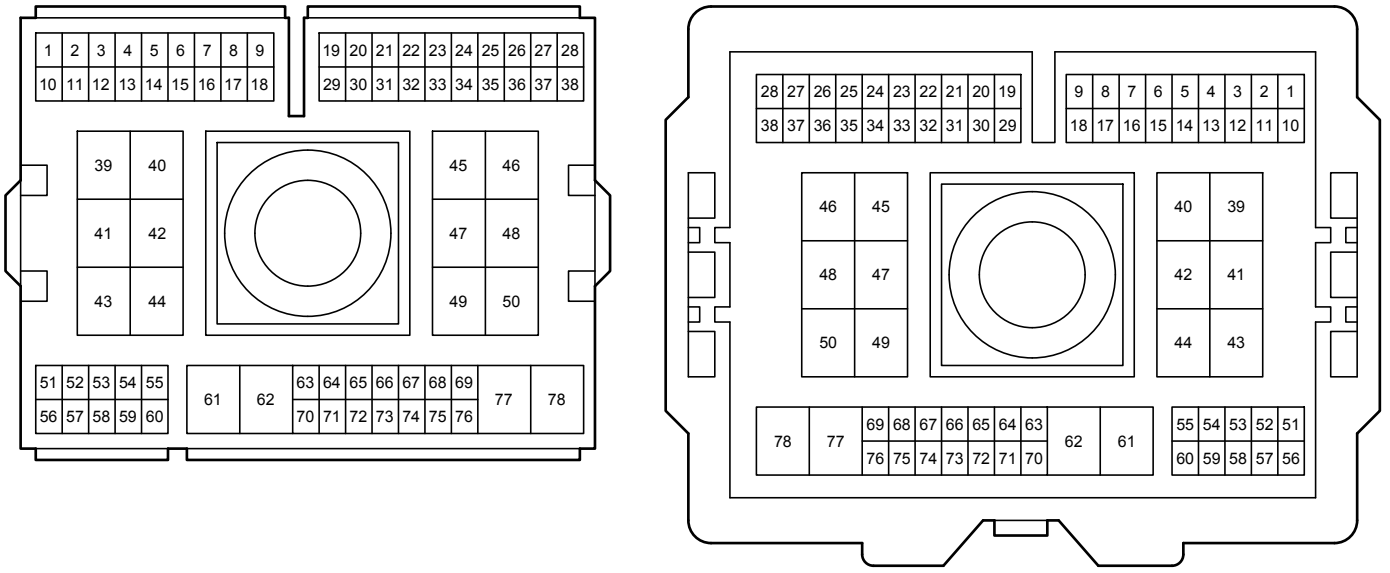
White

Gray

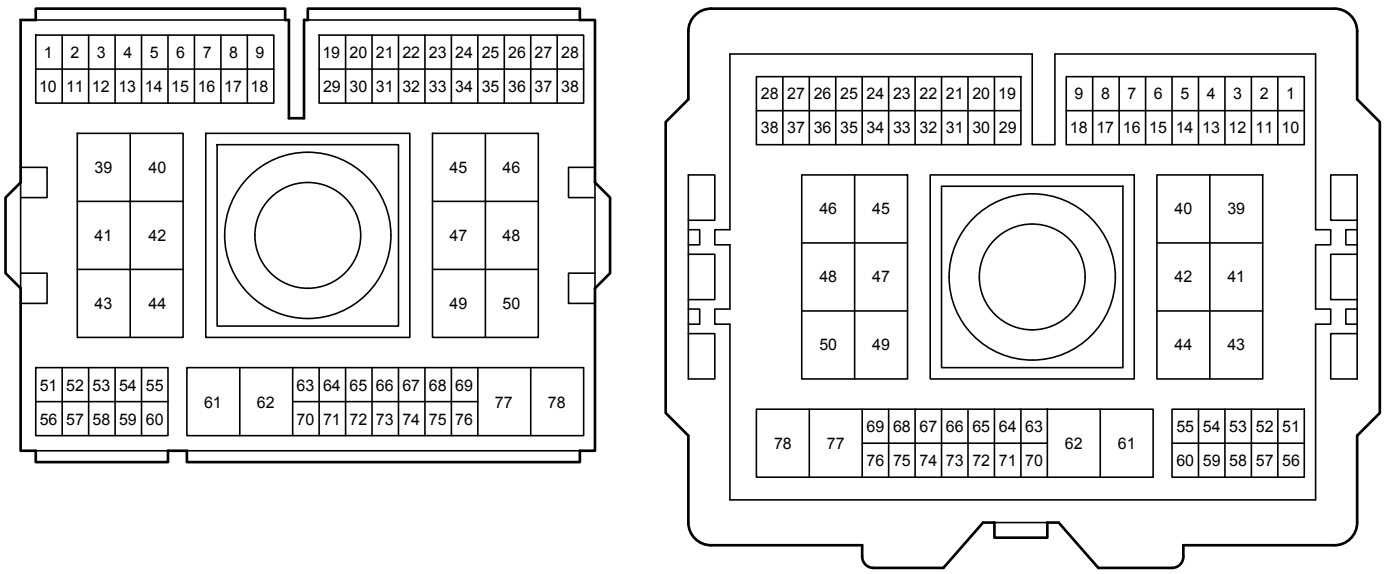


EA3

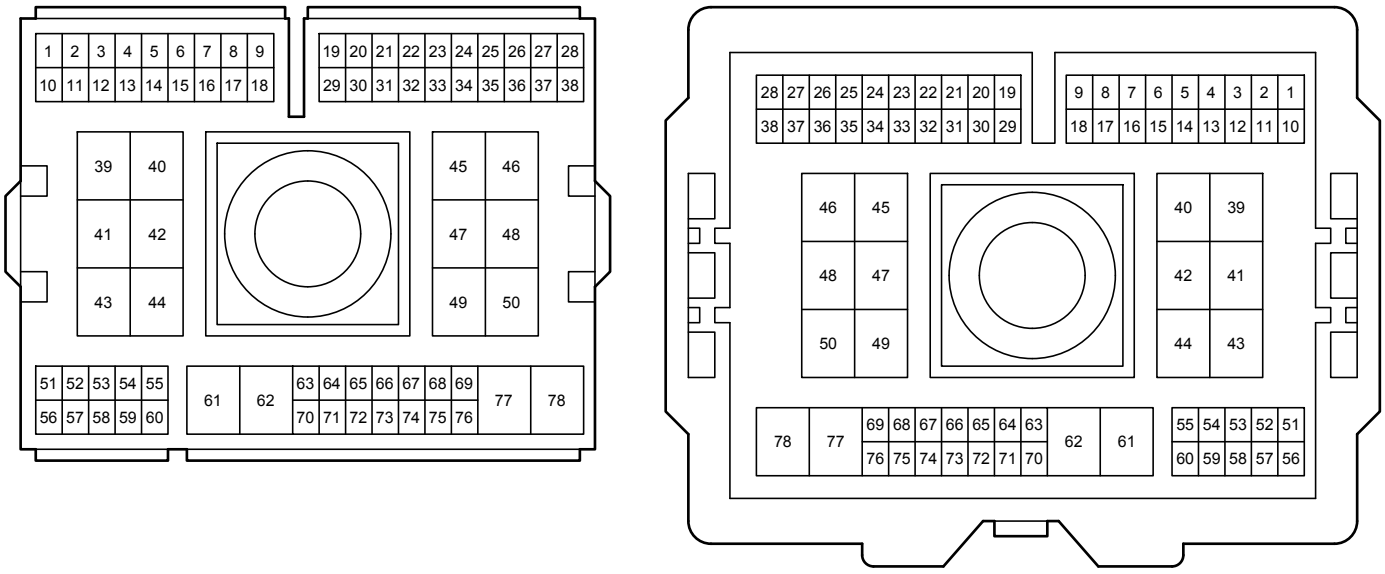
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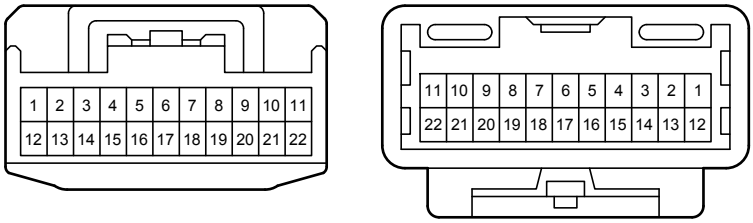
EK2
White



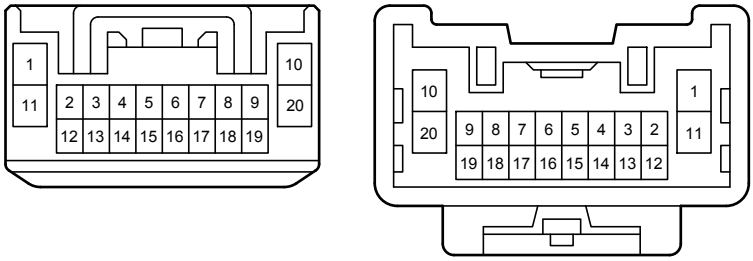
EL1
White



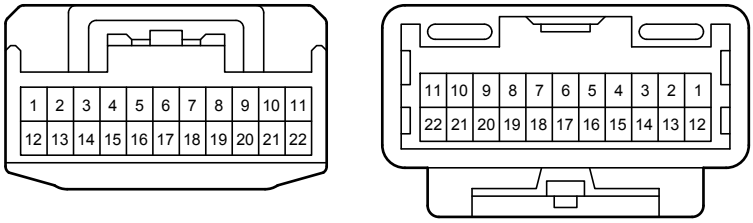
FE3
White



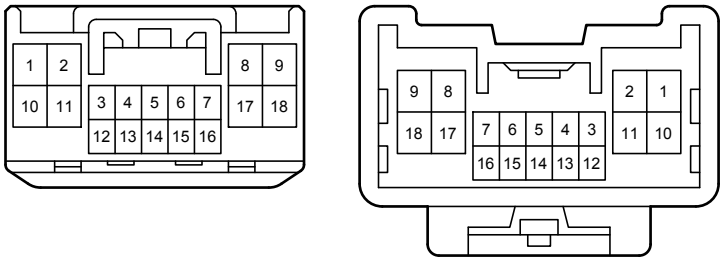
FE4
White



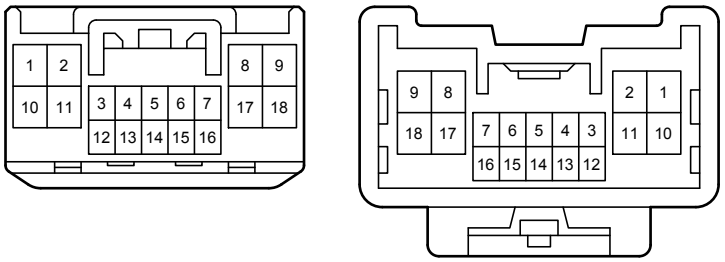
FL2
Blue



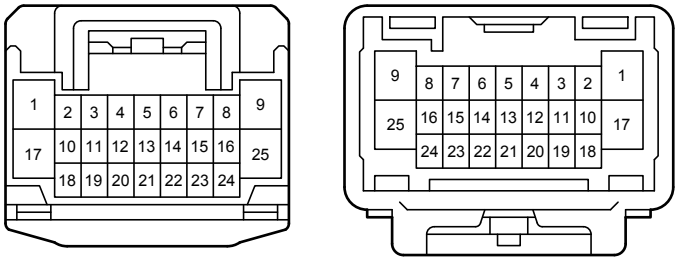
IE3
White



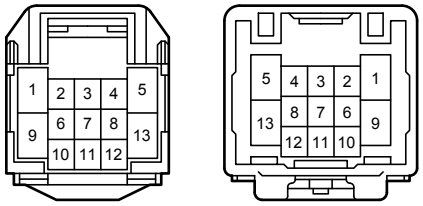
IE6
White



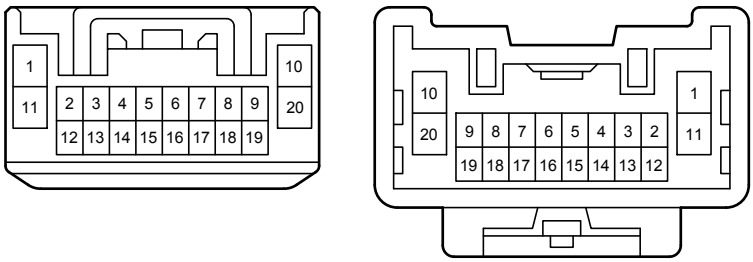
KL1
White

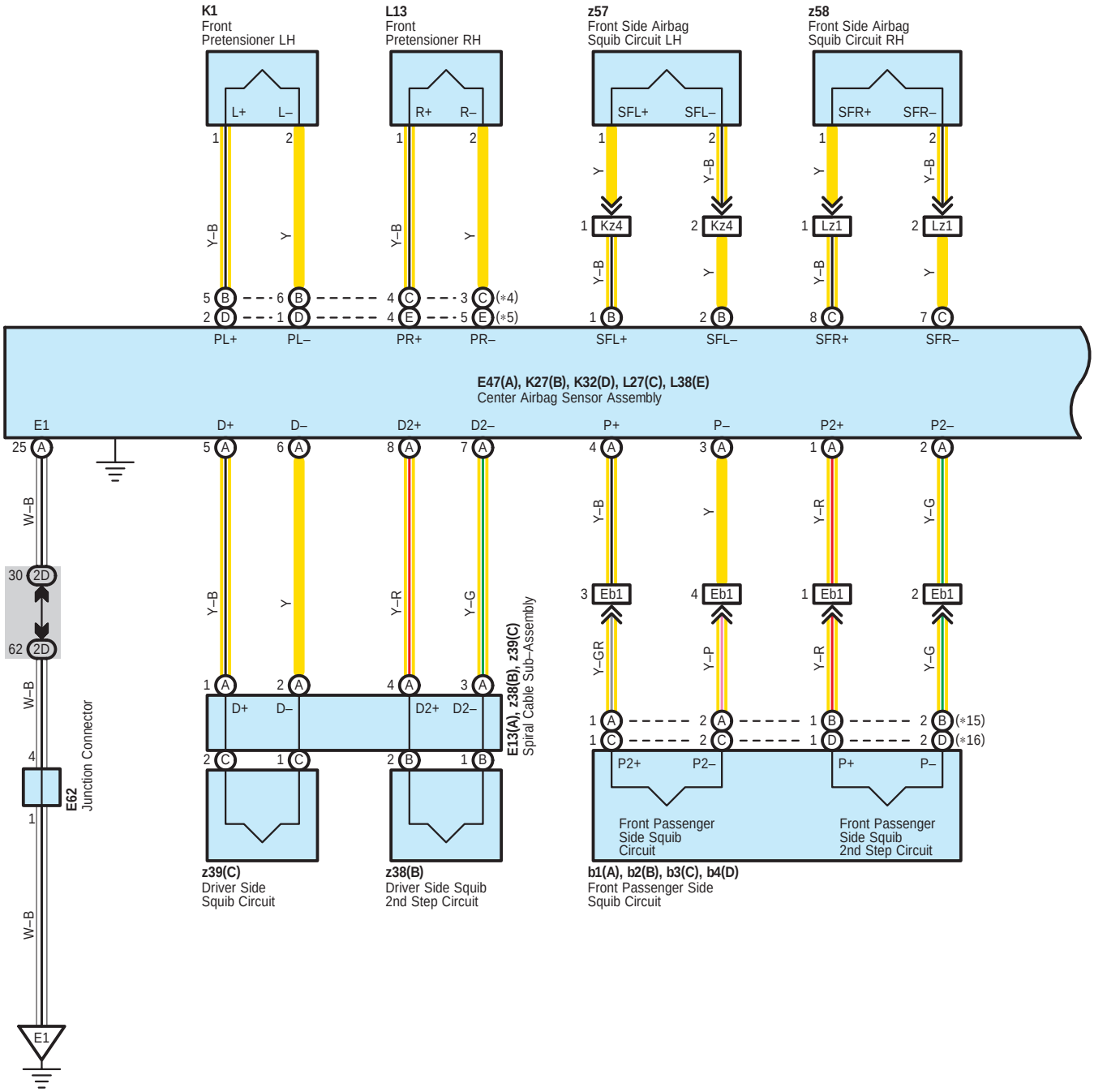


RE1
White

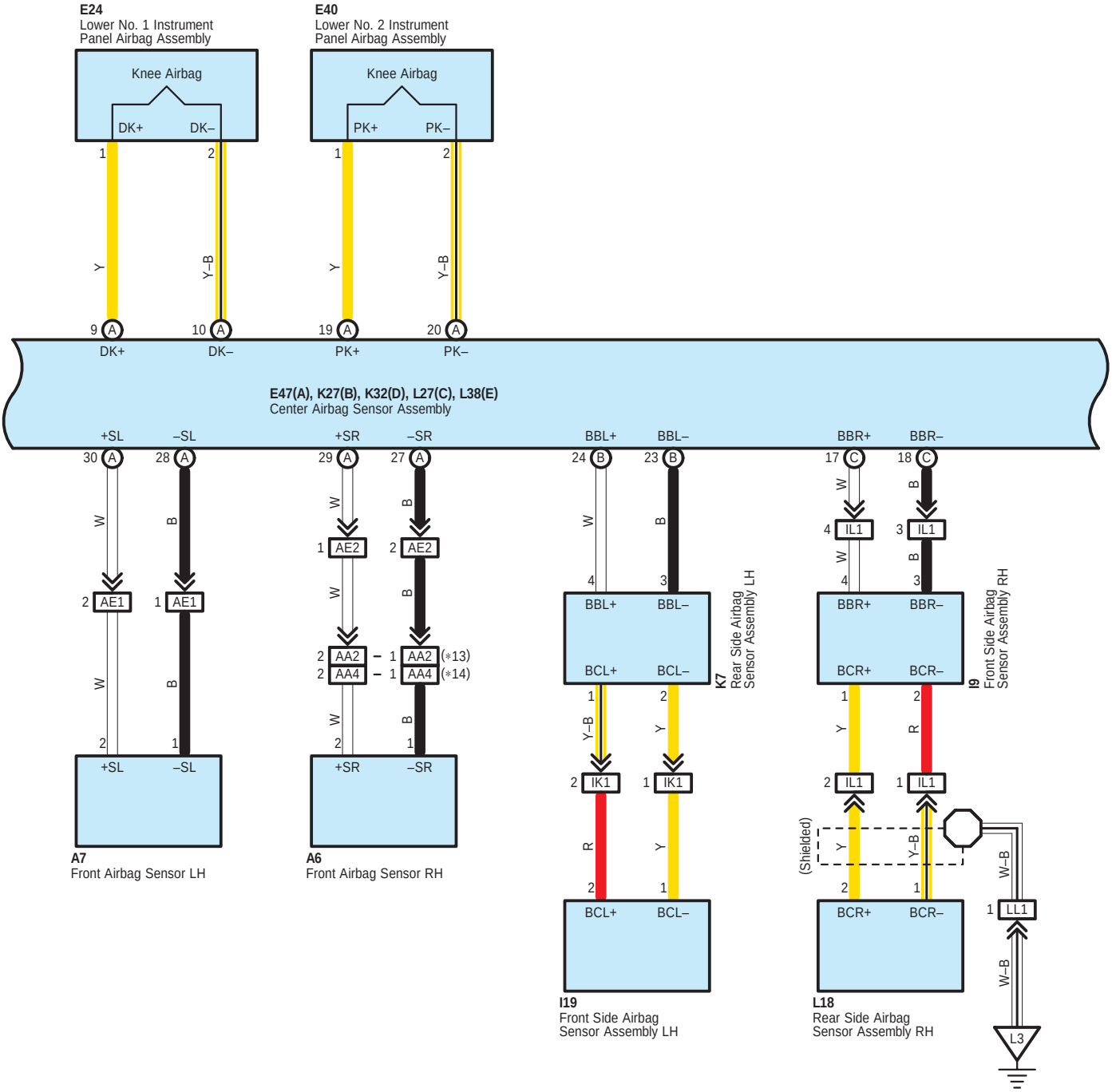


RE2
Blue

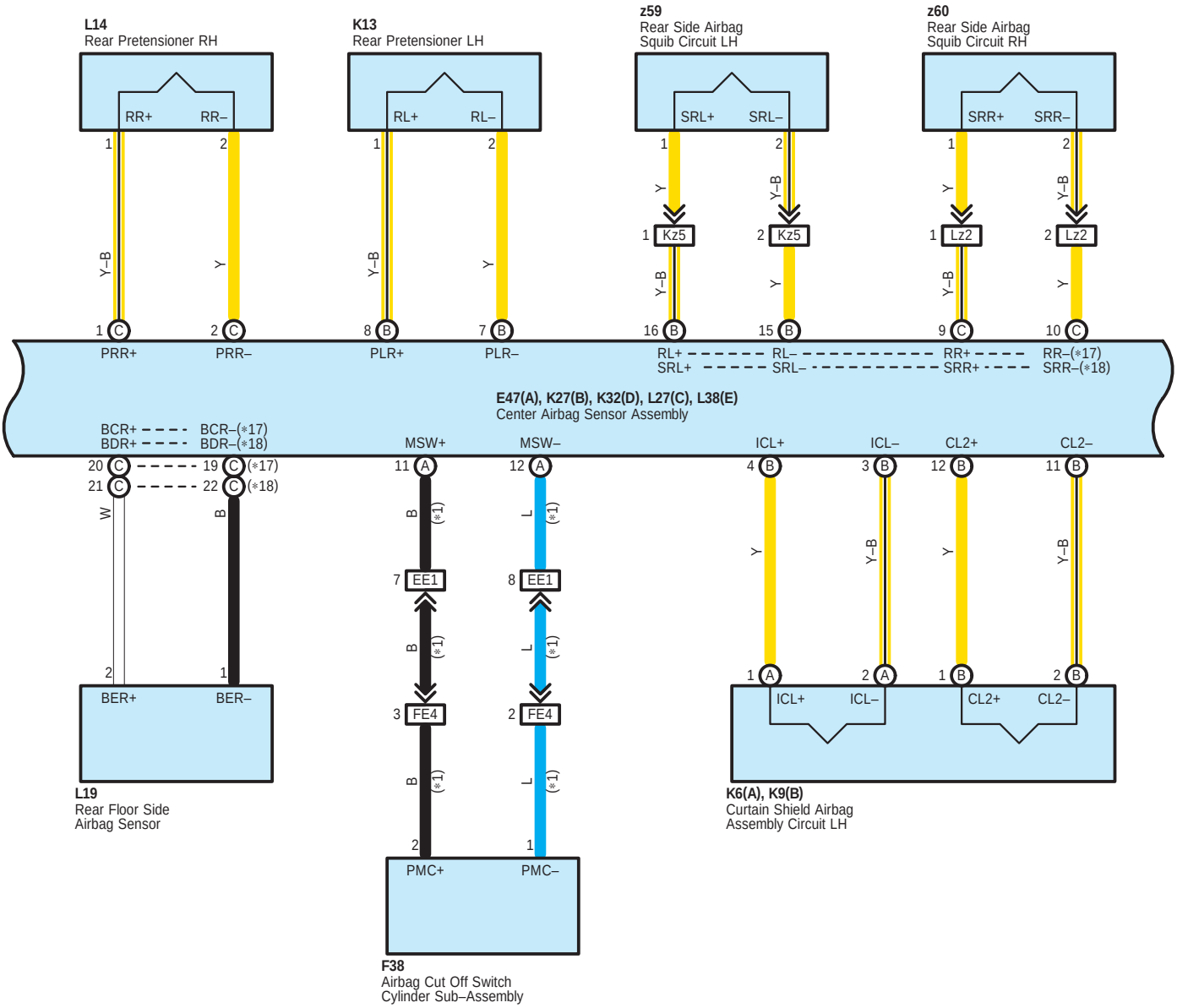


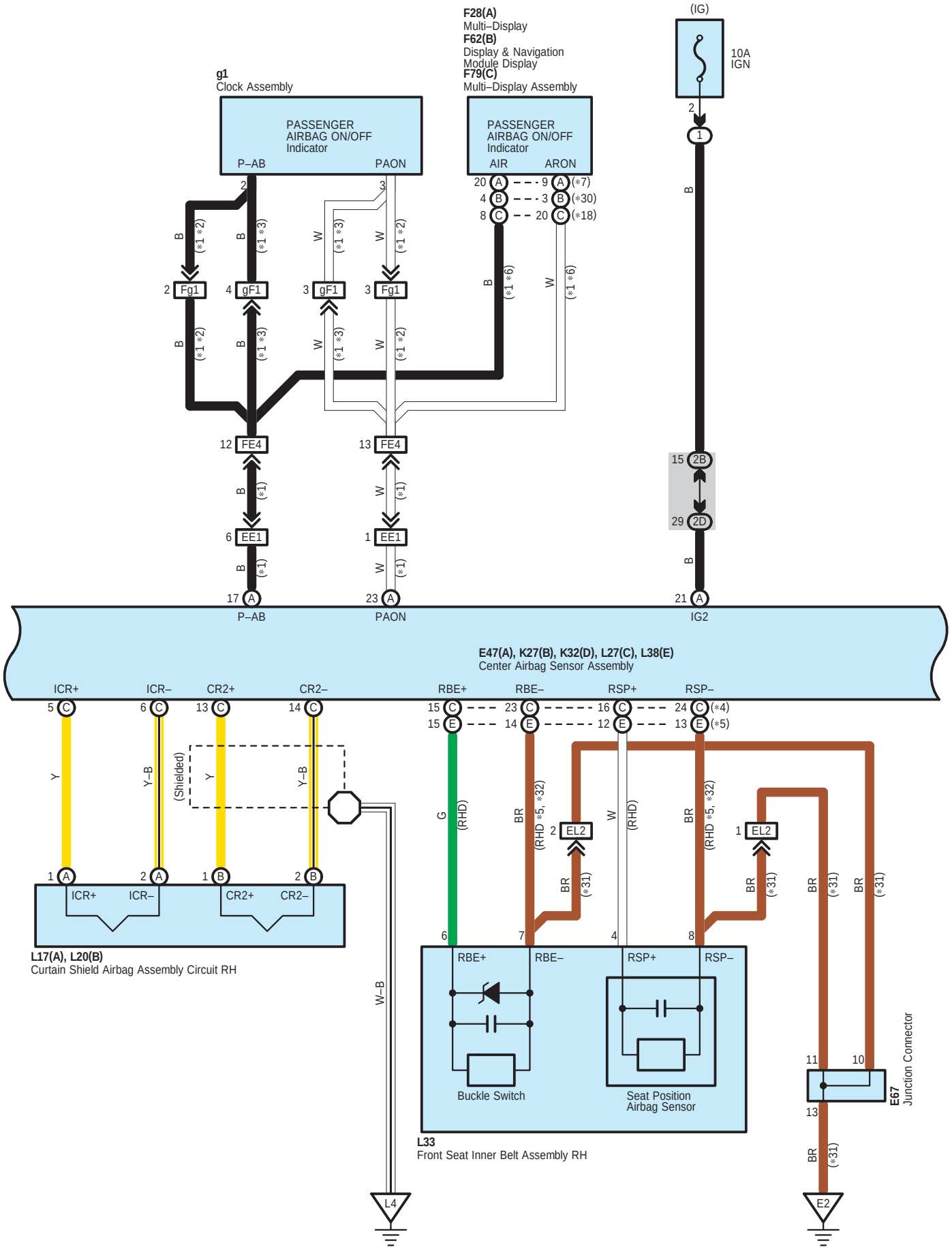

K1
Front
Pretensioner LH
L13
Front
Pretensioner RH
z57
Front Side Airbag
Squib Circuit LH
z58
Front Side Airbag
Squib Circuit RH
L+
L–
R+
R–
SFL+
SFL–
SFR+
SFR–
Y–B
Y
Kz4
Lz1
(*4)
(*5)
PL+
PL–
PR+
PR–
SFL+
SFL–
SFR+
SFR–
E47(A), K27(B), K32(D), L27(C), L38(E)
Center Airbag Sensor Assembly
E1
D+
D–
D2+
D2–
P+
P–
P2+
P2–
W–B
2D
E62
Junction Connector
Y–R
Y–G
Y–GR
Y–P
Eb1
E13(A), z38(B), z39(C)
Spiral Cable Sub–Assembly
(*15)
(*16)
Front Passenger
Side Squib
Circuit
Front Passenger
Side Squib
2nd Step Circuit
z39(C)
Driver Side
Squib Circuit
z38(B)
Driver Side Squib
2nd Step Circuit
b1(A), b2(B), b3(C), b4(D)
Front Passenger Side
Squib Circuit

∗ 4 : w/ Curtain Shield Airbag
∗ 5 : w/o Curtain Shield Airbag
∗13 : Liftgate Type
∗14 : Swing Type
∗15 : Before Sep. 2011 Production
∗16 : From Sep. 2011 Production

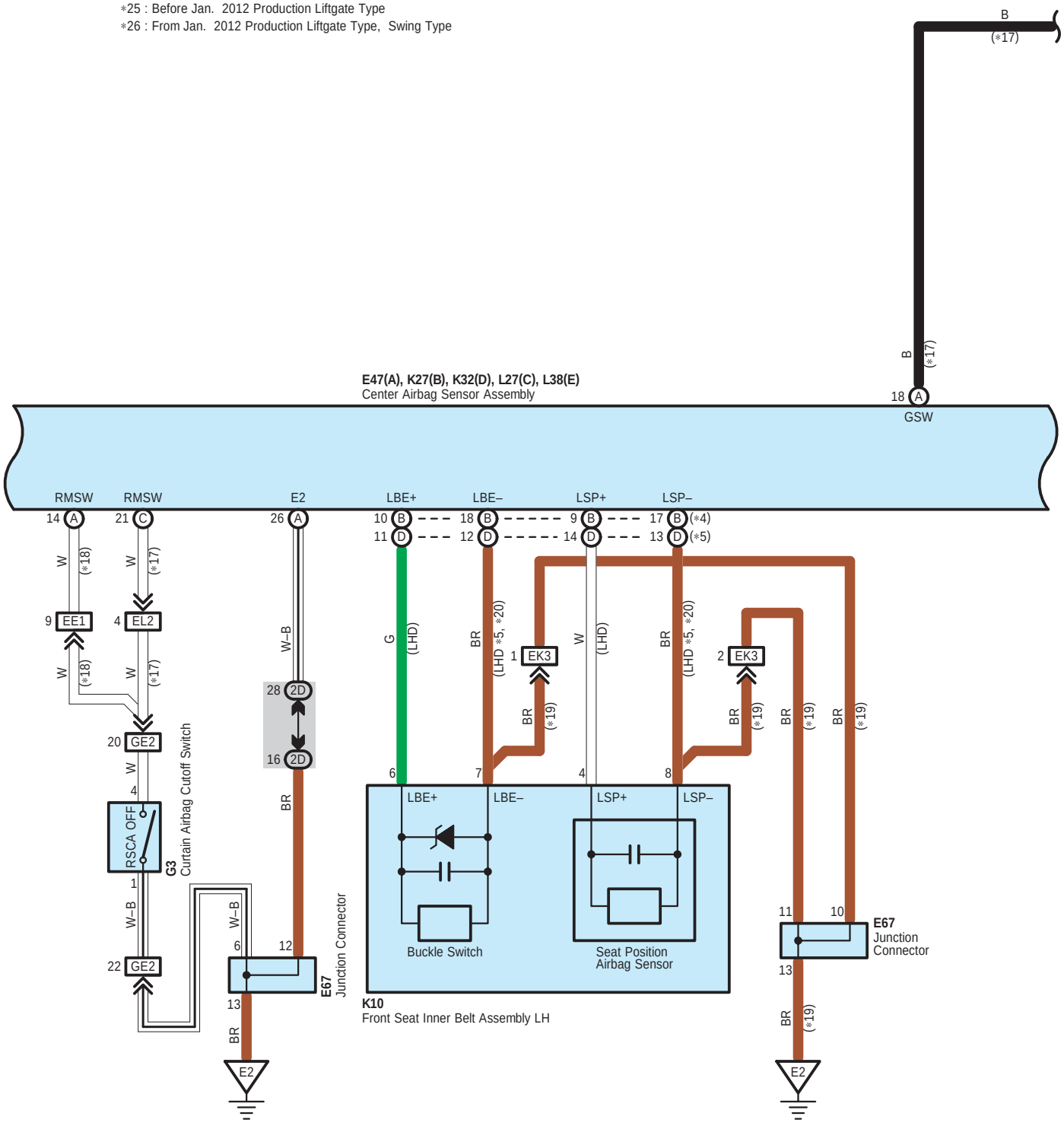


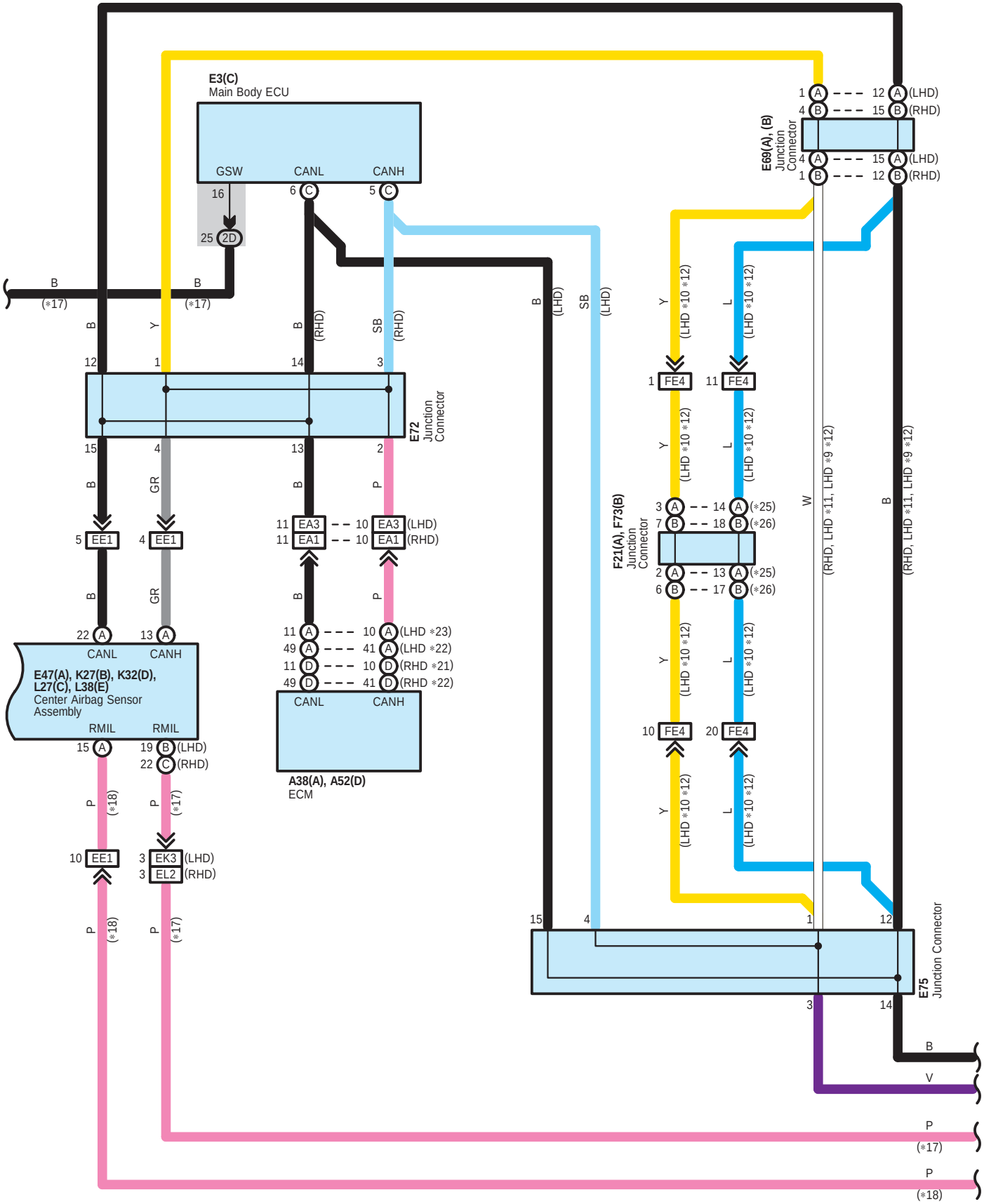
∗ 1 : w/ Airbag Cutoff Switch
∗ 2 : w/o Multi–Display w/ Stereo Component Amplifier
∗ 3 : w/o Multi–Display w/o Stereo Component Amplifier
∗ 4 : w/ Curtain Shield Airbag
∗ 5 : w/o Curtain Shield Airbag
∗ 6 : w/ Multi–Display
∗ 7 : Before Jul. 2009 Production
∗17 : Before Jan. 2012 Production
∗18 : From Jan. 2012 Production
∗30 : From Jul. 2009 Production until Jan. 2012 Production
∗31 : RHD Before Jan. 2012 Production w/ Curtain Shield Airbag
∗32 : RHD From Jan. 2012 Production w/ Curtain Shield Airbag



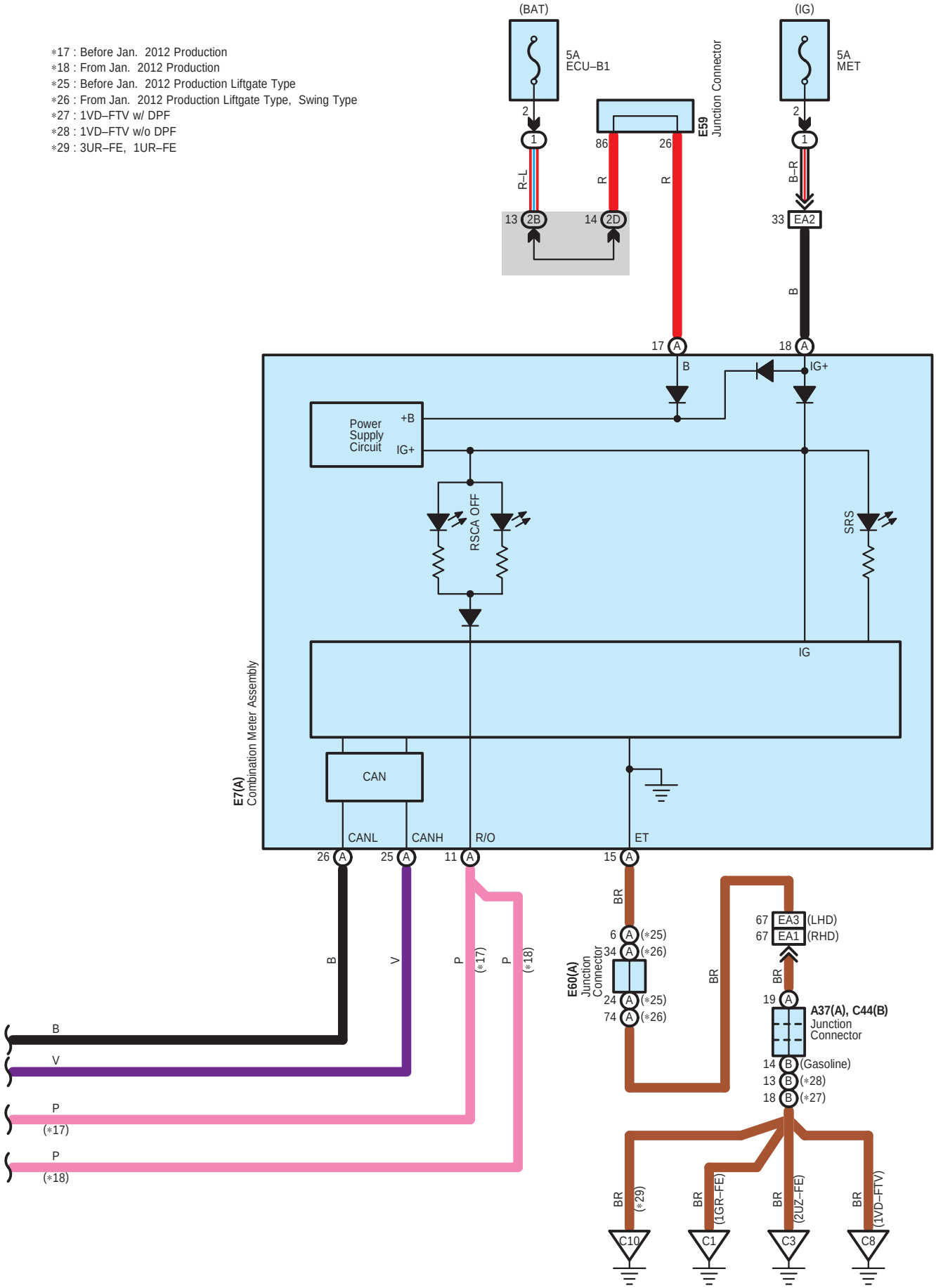

g1
Clock Assembly
PASSENGER AIRBAG ON/OFF Indicator
P–AB
PAON
F28(A)
Multi–Display
F62(B)
Display & Navigation Module Display
F79(C)
Multi–Display Assembly
PASSENGER AIRBAG ON/OFF Indicator
AIR
ARON
(IG)
10A IGN
Fg1
gF1
FE4
EE1
2B
2D
P–AB
PAON
IG2
E47(A), K27(B), K32(D), L27(C), L38(E)
Center Airbag Sensor Assembly
ICR+
ICR–
CR2+
CR2–
RBE+
RBE–
RSP+
RSP–
(Shielded)
EL2
L17(A), L20(B)
Curtain Shield Airbag Assembly Circuit RH
L33
Front Seat Inner Belt Assembly RH
Buckle Switch
Seat Position Airbag Sensor
E67
Junction Connector
L4
E2

∗ 4 : w/ Curtain Shield Airbag
∗ 5 : w/o Curtain Shield Airbag
∗ 9 : Before Apr. 2010 Production
∗10 : From Apr. 2010 Production
∗11 : w/ VSC
∗12 : w/o VSC
∗17 : Before Jan. 2012 Production
∗18 : From Jan. 2012 Production
∗19 : LHD Before Jan. 2012 Production w/ Curtain Shield Airbag
∗20 : LHD From Jan. 2012 Production w/ Curtain Shield Airbag
∗21 : 2UZ–FE, 1UR–FE, From Jan. 2012 Production 1GR–FE
∗22 : 1VD–FTV, Before Jan. 2012 Production 1GR–FE
∗23 : 2UZ–FE, 3UR–FE, 1UR–FE, From Jan. 2012 Production 1GR–FE
∗25 : Before Jan. 2012 Production Liftgate Type
∗26 : From Jan. 2012 Production Liftgate Type, Swing Type

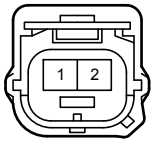



E3(C)
Main Body ECU
GSW
CANL
CANH
16
25 2D
6 C
5 C
B (*17)
B (*17)
B
Y
B (RHD)
SB (RHD)
B (LHD)
SB (LHD)
12
1
14
3
E72
Junction Connector
15
4
13
2
B
GR
B
P
5 EE1
4 EE1
11 EA3 -- 10 EA3 (LHD)
11 EA1 -- 10 EA1 (RHD)
22 A
13 A
CANL
CANH
E47(A), K27(B), K32(D), L27(C), L38(E)
Center Airbag Sensor Assembly
RMIL
RMIL
15 A
19 B (LHD)
22 C (RHD)
P (*18)
P (*17)
10 EE1
3 EK3 (LHD)
3 EL2 (RHD)
11 A -- 10 A (LHD *23)
49 A -- 41 A (LHD *22)
11 D -- 10 D (RHD *21)
49 D -- 41 D (RHD *22)
CANL
CANH
A38(A), A52(D)
ECM
E69(A), (B)
Junction Connector
1 A -- 12 A (LHD)
4 B -- 15 B (RHD)
4 A -- 15 A (LHD)
1 B -- 12 B (RHD)
Y (LHD *10 *12)
L (LHD *10 *12)
1 FE4
11 FE4
F21(A), F73(B)
Junction Connector
3 A -- 14 A (*25)
7 B -- 18 B (*26)
2 A -- 13 A (*25)
6 B -- 17 B (*26)
10 FE4
20 FE4
W
(RHD, LHD *11, LHD *9 *12)
B
(RHD, LHD *11, LHD *9 *12)
15
4
1
12
3
14
E75
Junction Connector
B
V
P
(*17)
P
(*18)

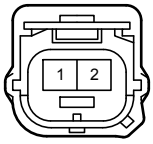
∗17 : Before Jan. 2012 Production
∗18 : From Jan. 2012 Production
∗25 : Before Jan. 2012 Production Liftgate Type
∗26 : From Jan. 2012 Production Liftgate Type, Swing Type
∗27 : 1VD–FTV w/ DPF
∗28 : 1VD–FTV w/o DPF
∗29 : 3UR–FE, 1UR–FE



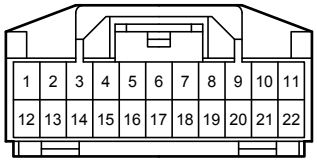
A 6
Yellow



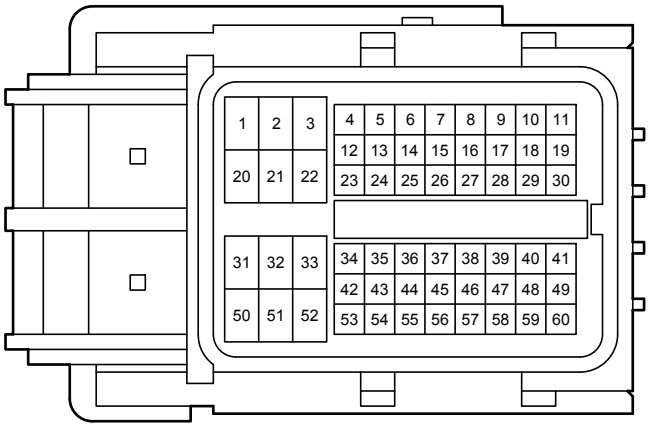
A 7
Yellow



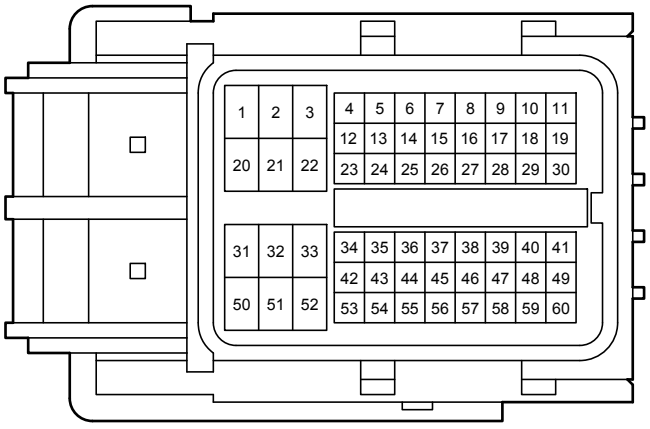
A 37
Blue



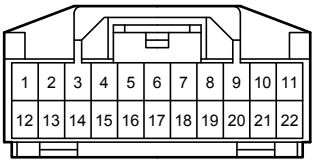
A 38
Black



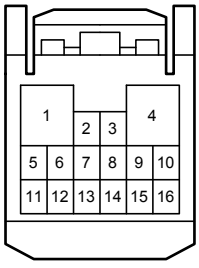
A 52
Black



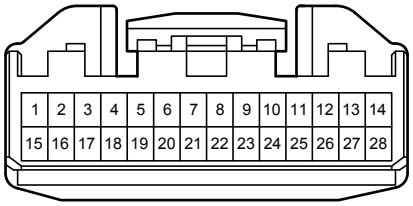
C 44
Blue



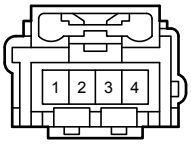
E 3
White



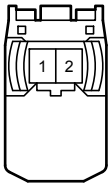
E 7
White



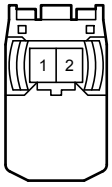
E 13
Yellow



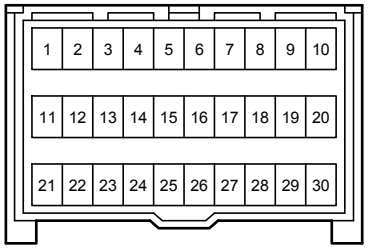
E 24
Black



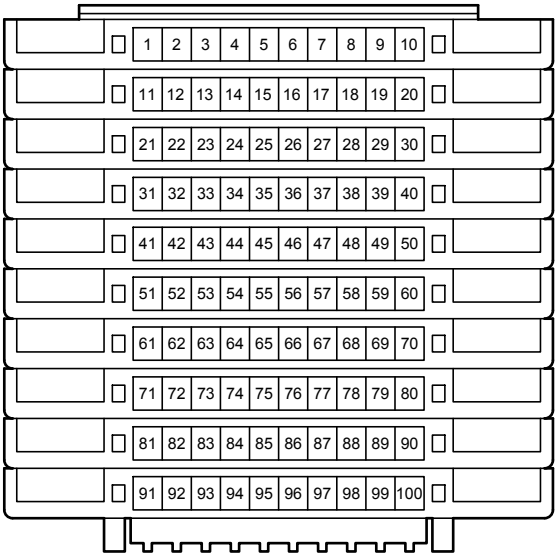
E 40
Black



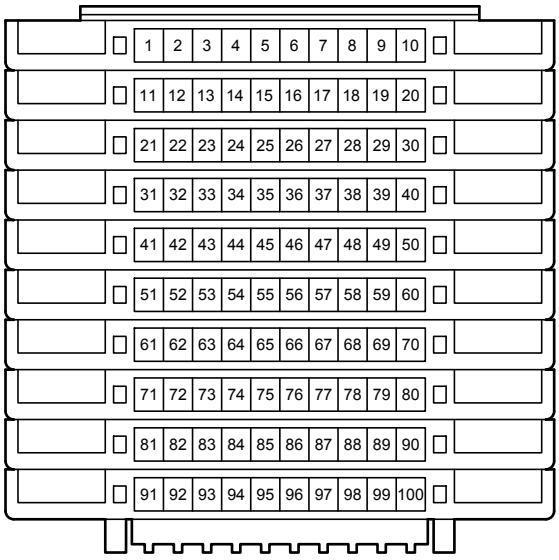
E 47
Yellow



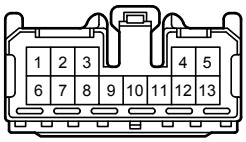
E 59



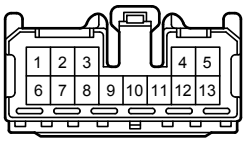
E 60



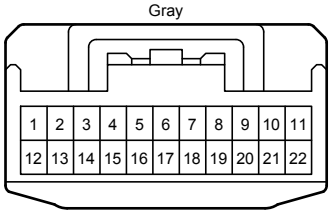
E 62
White



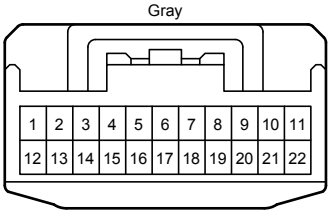
E 67
White



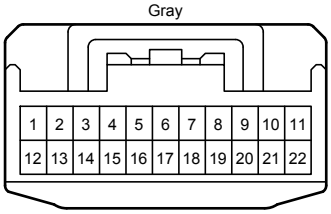
E 69
Gray



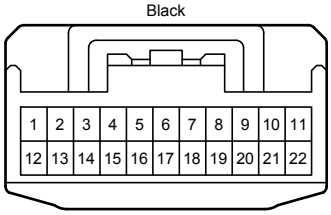
E 72
Gray



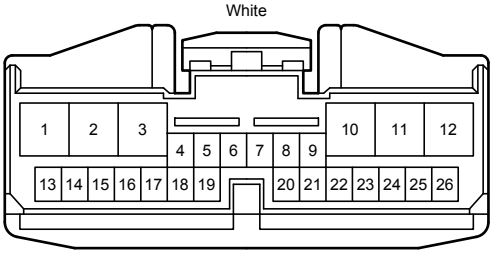
E 75
Gray



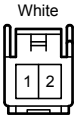
F 21
Black



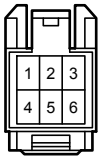
F 28
White



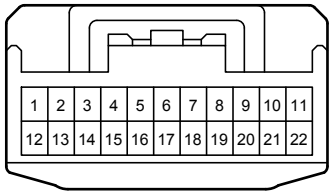
F 38
White



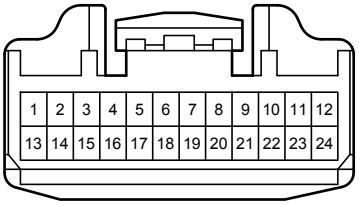
F 62
Blue



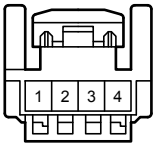
F 73
Blue



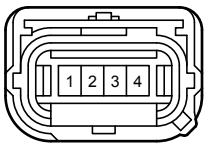
F 79
White



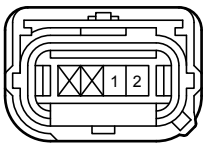
G 3
Gray



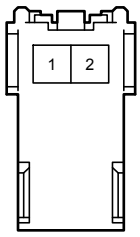
I 9
Yellow



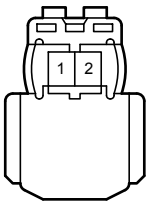
I 19
Yellow



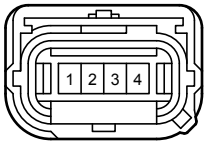
K 1
Yellow



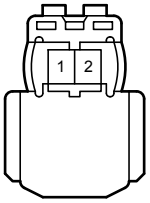
K 6
Black



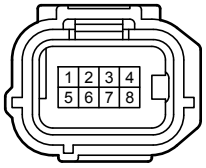
K 7
Yellow



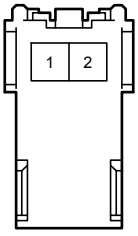
K 9
Black



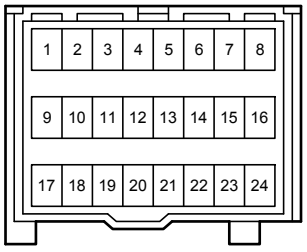
K 10
Gray



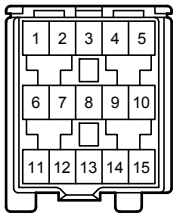
K 13
Yellow



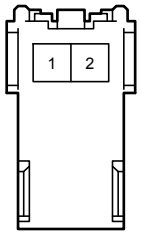
K 27
Yellow



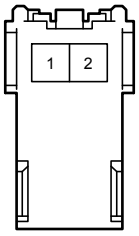
K 32
Yellow



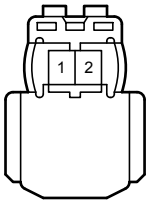
L 13
Yellow



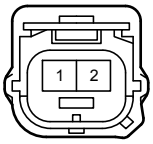
L 14
Yellow



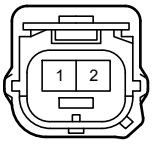
L 17
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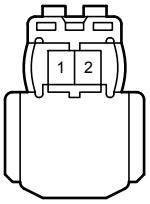
L 18
Yellow



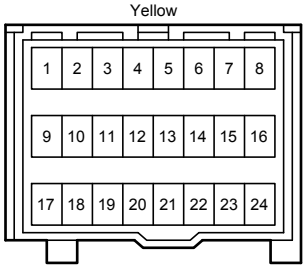
L 19
Yellow



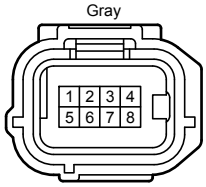
L 20
Black



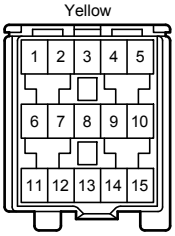
L 27
Yellow



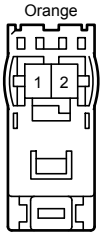
L 33
Gray



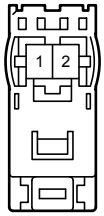
L 38
Yellow



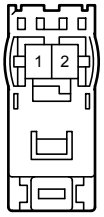
b 1
Orange



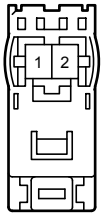
b 2
Black



b 3
Orange



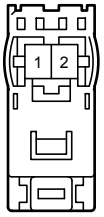
b 4
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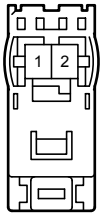
g 1
White



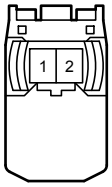
z 38
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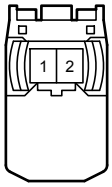
z 39
Orange



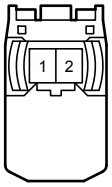
z 57
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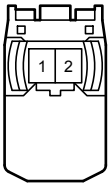
z 58
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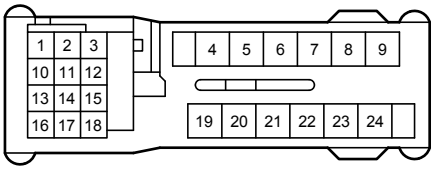
z 59
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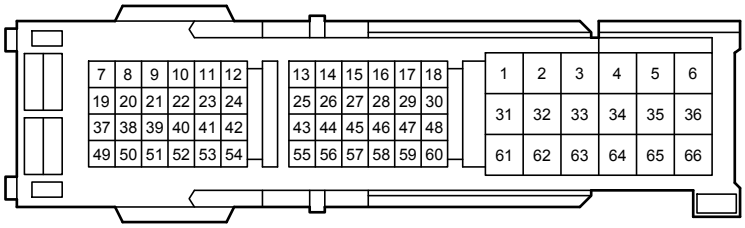
z 60
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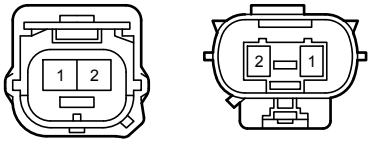
2B
White



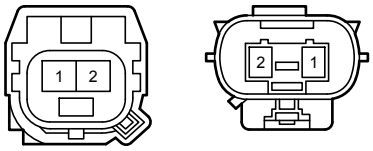
2D
White



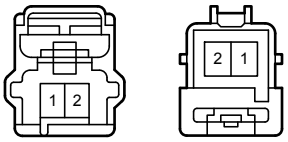
AA2
Yellow



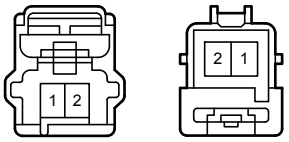
AA4
Yellow



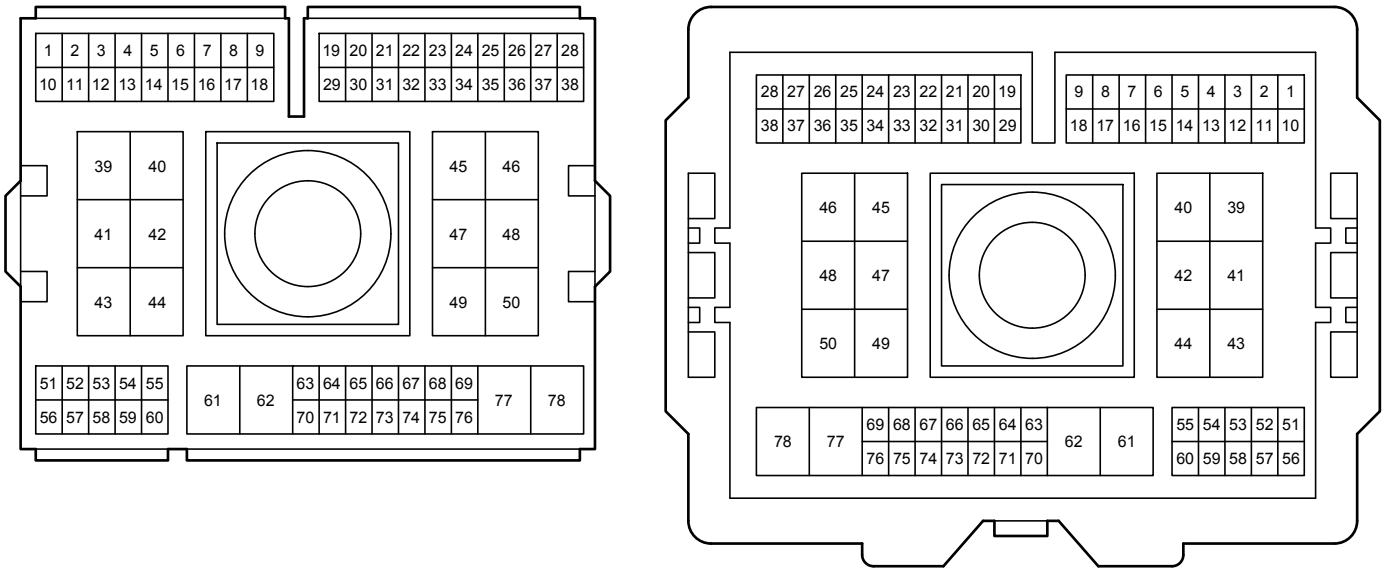
AE1
Yellow



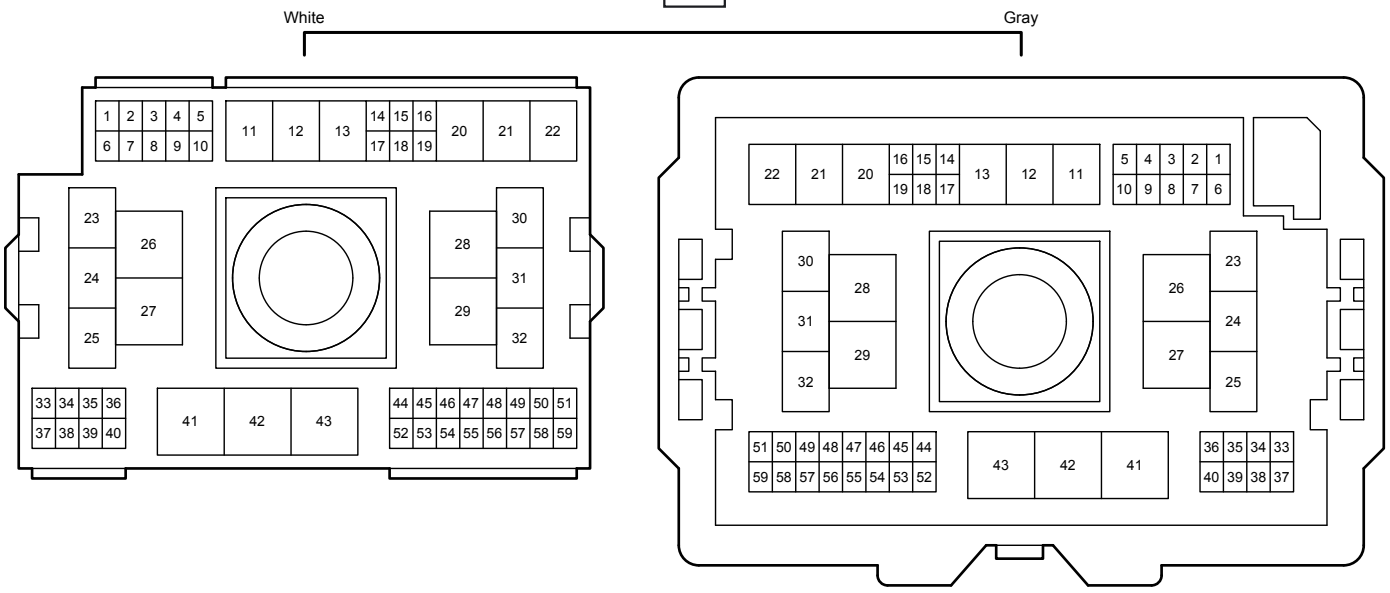
AE2
Yellow



EA1
White

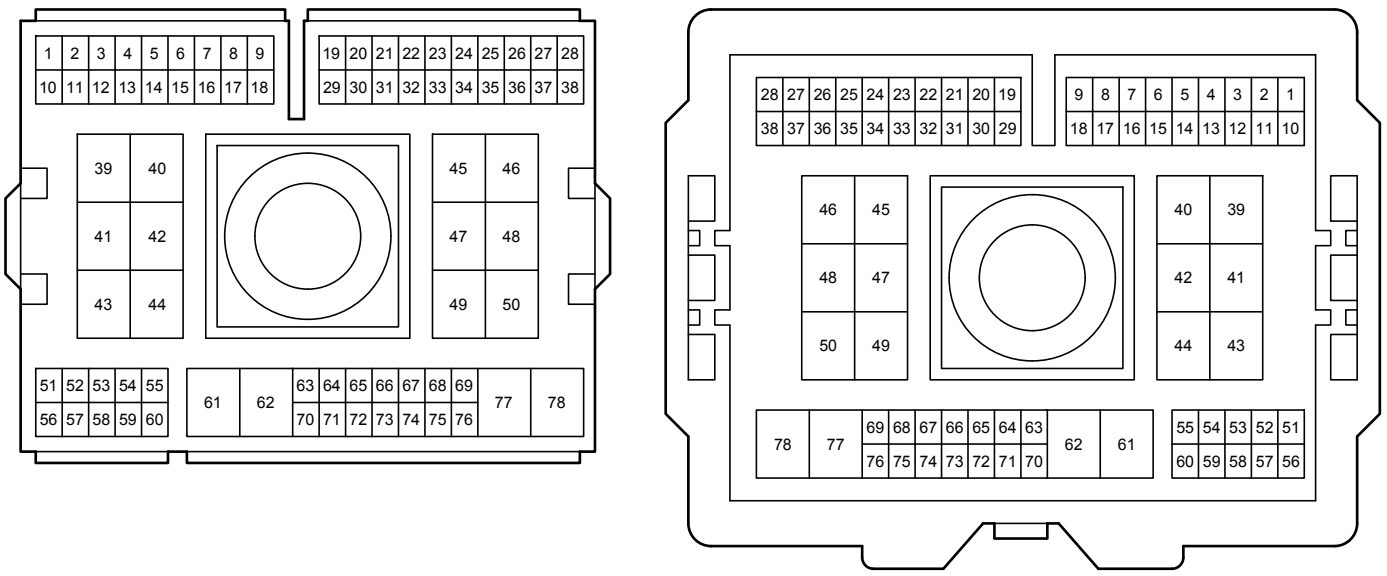


EA2



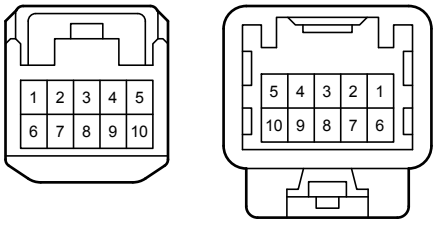
EA3

White



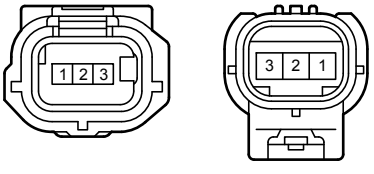
EE1

White

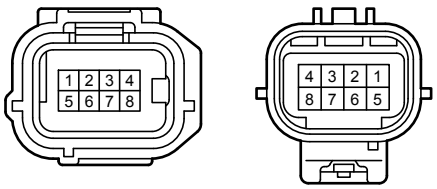


EK3

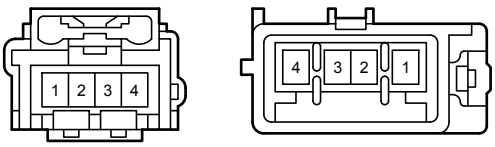
Black



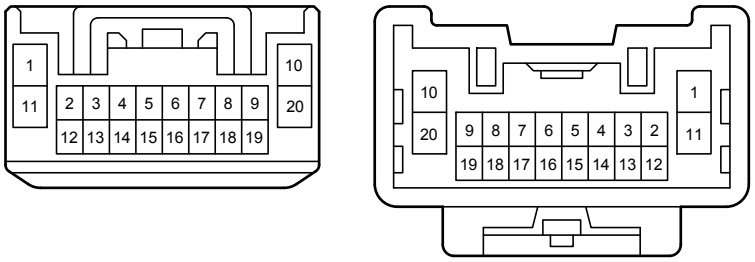
EL2
Gray



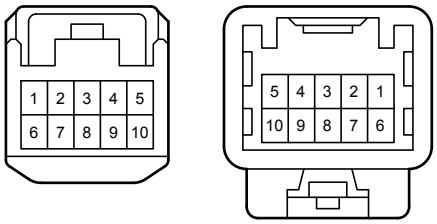
Eb1
Yellow



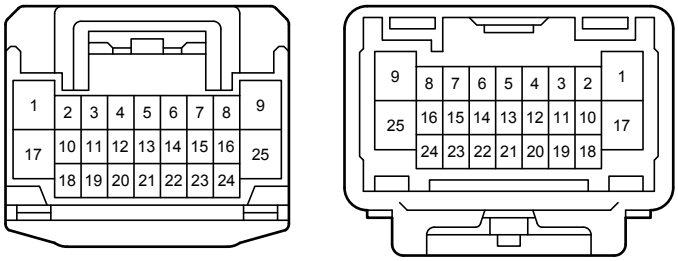
FE4
White



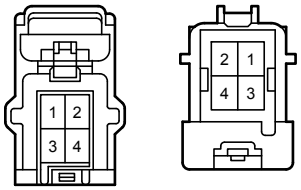
Fg1
Black



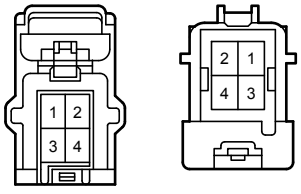
GE2
White



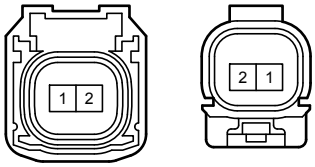
IK1
Yellow



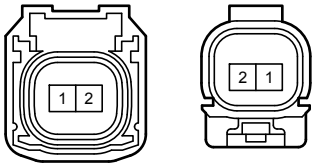
IL1
Yellow



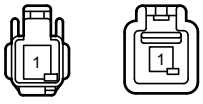
Kz4
Yellow White



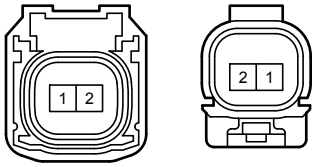
Kz5
Yellow White



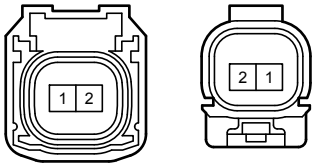
LL1
White

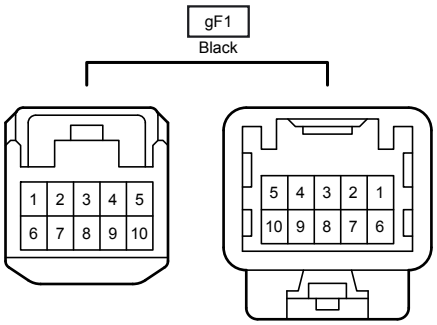


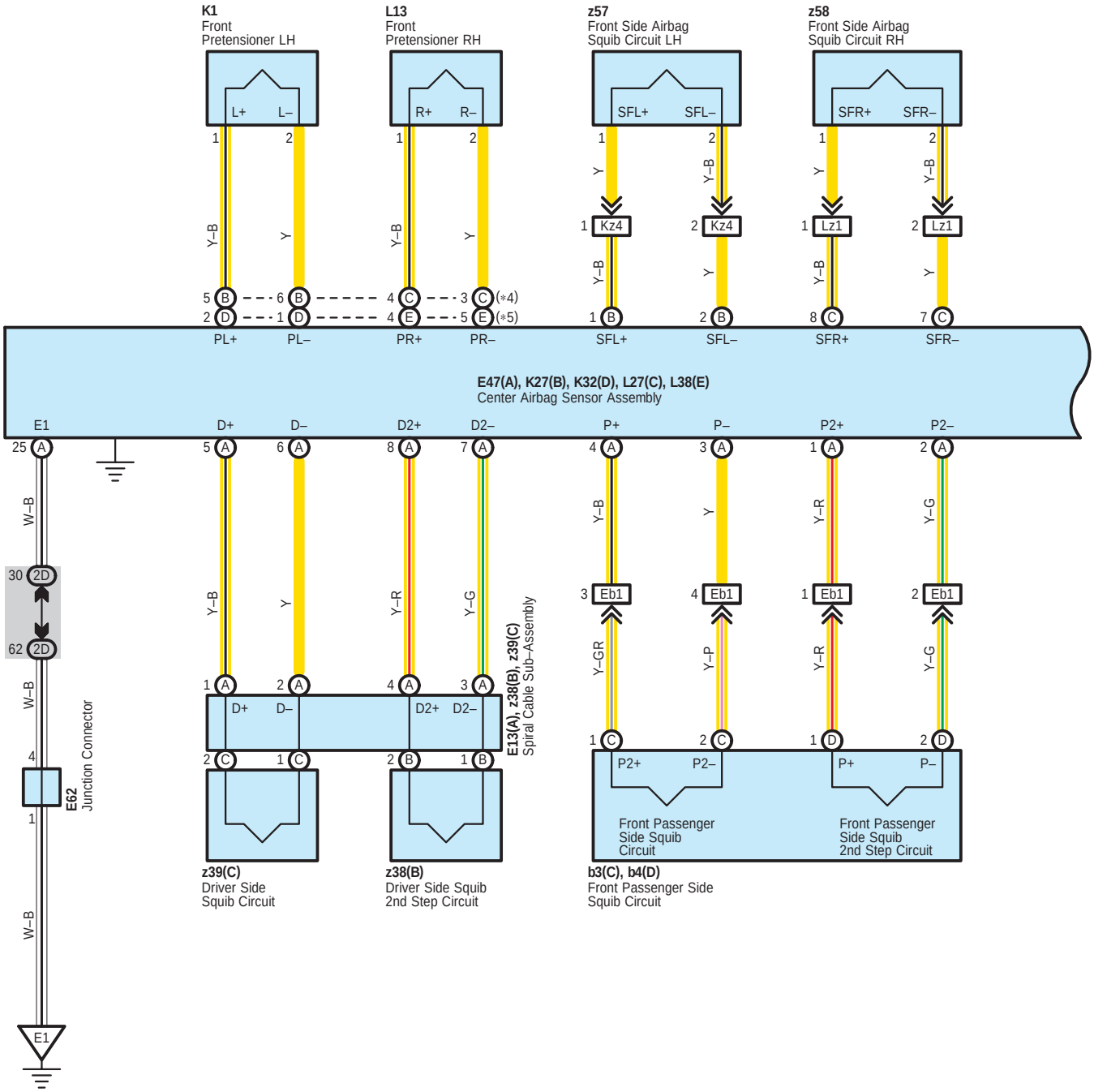
Lz1
Yellow White



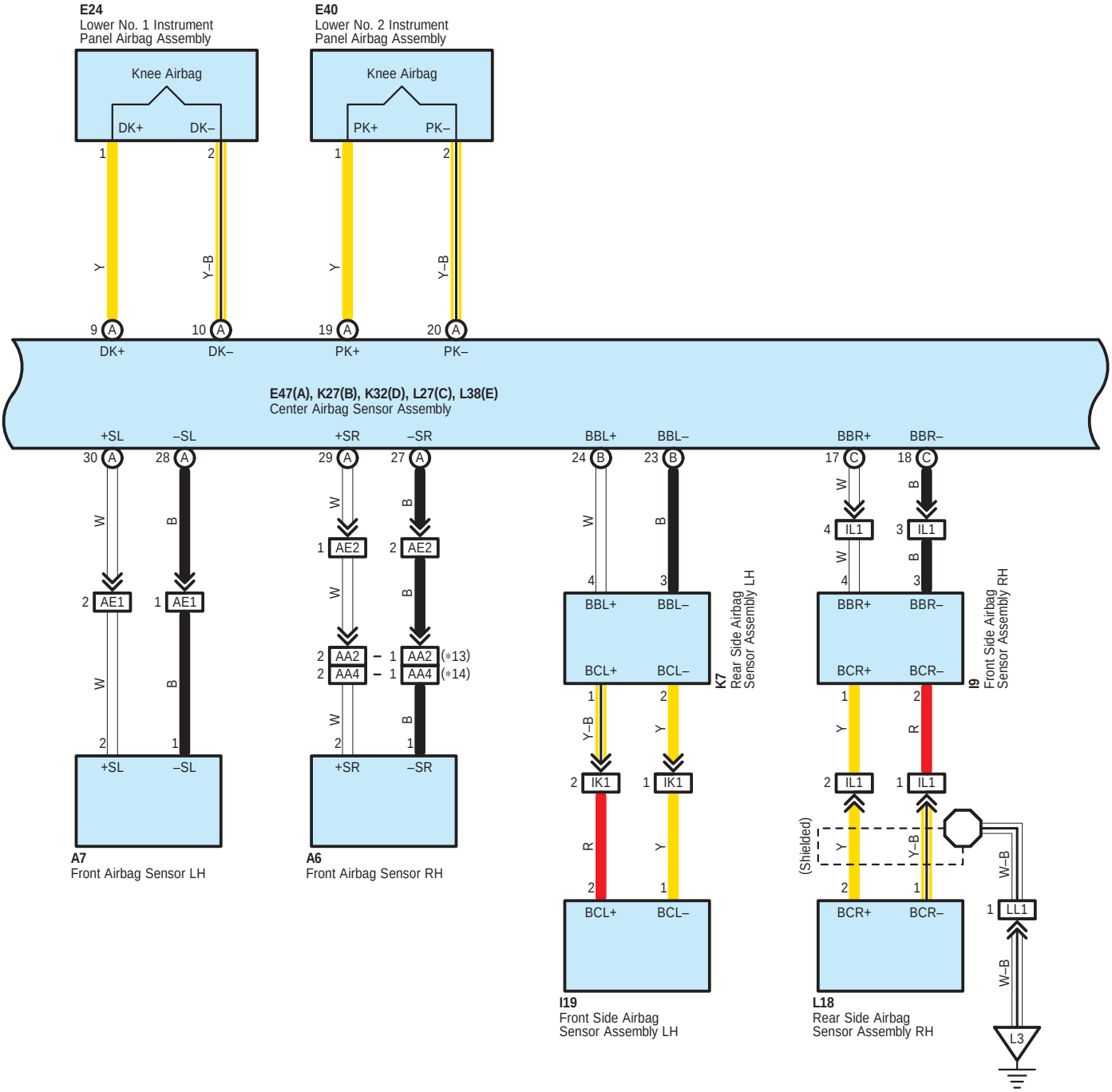
Lz2
Yellow White



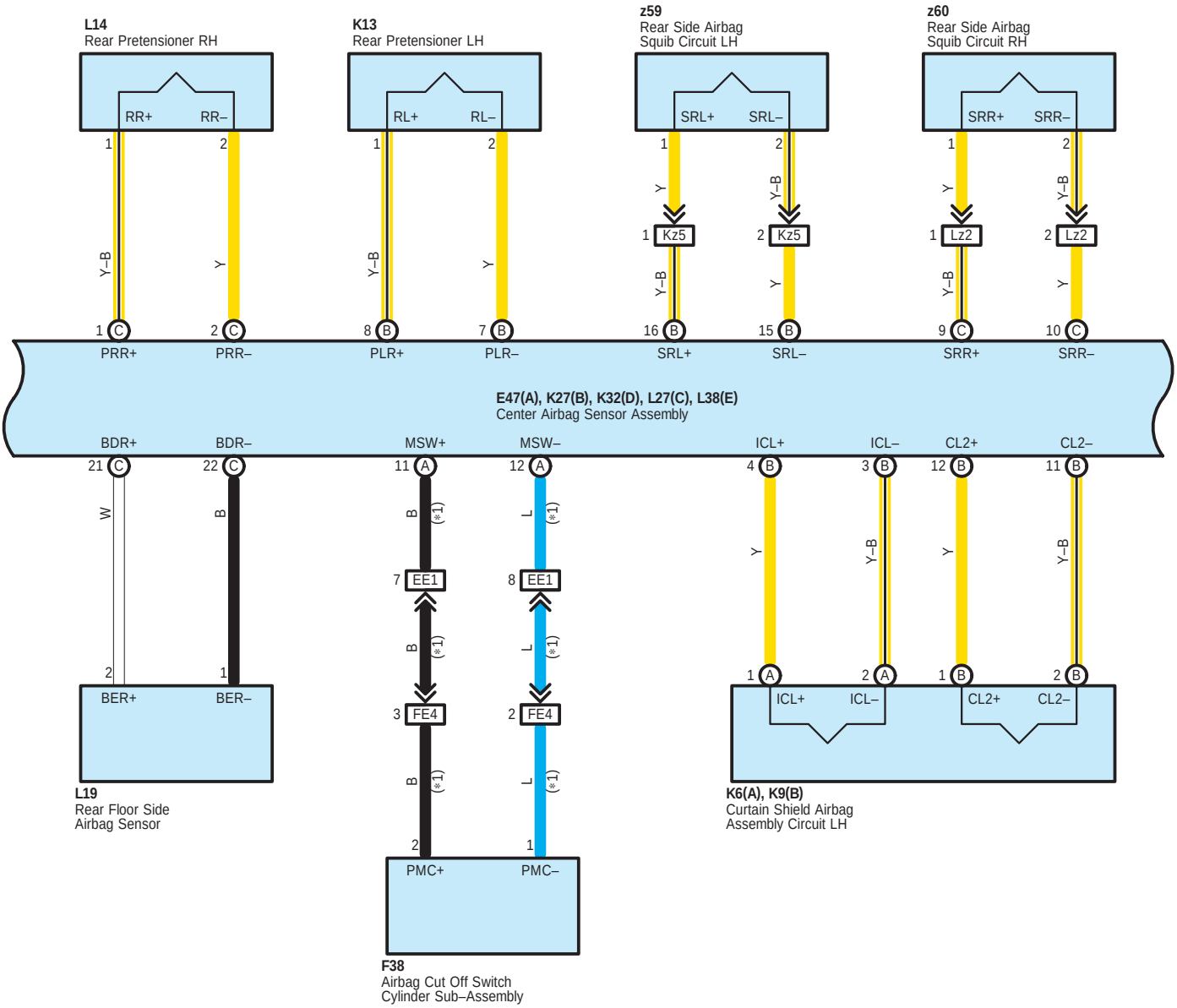

gF1
Black
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

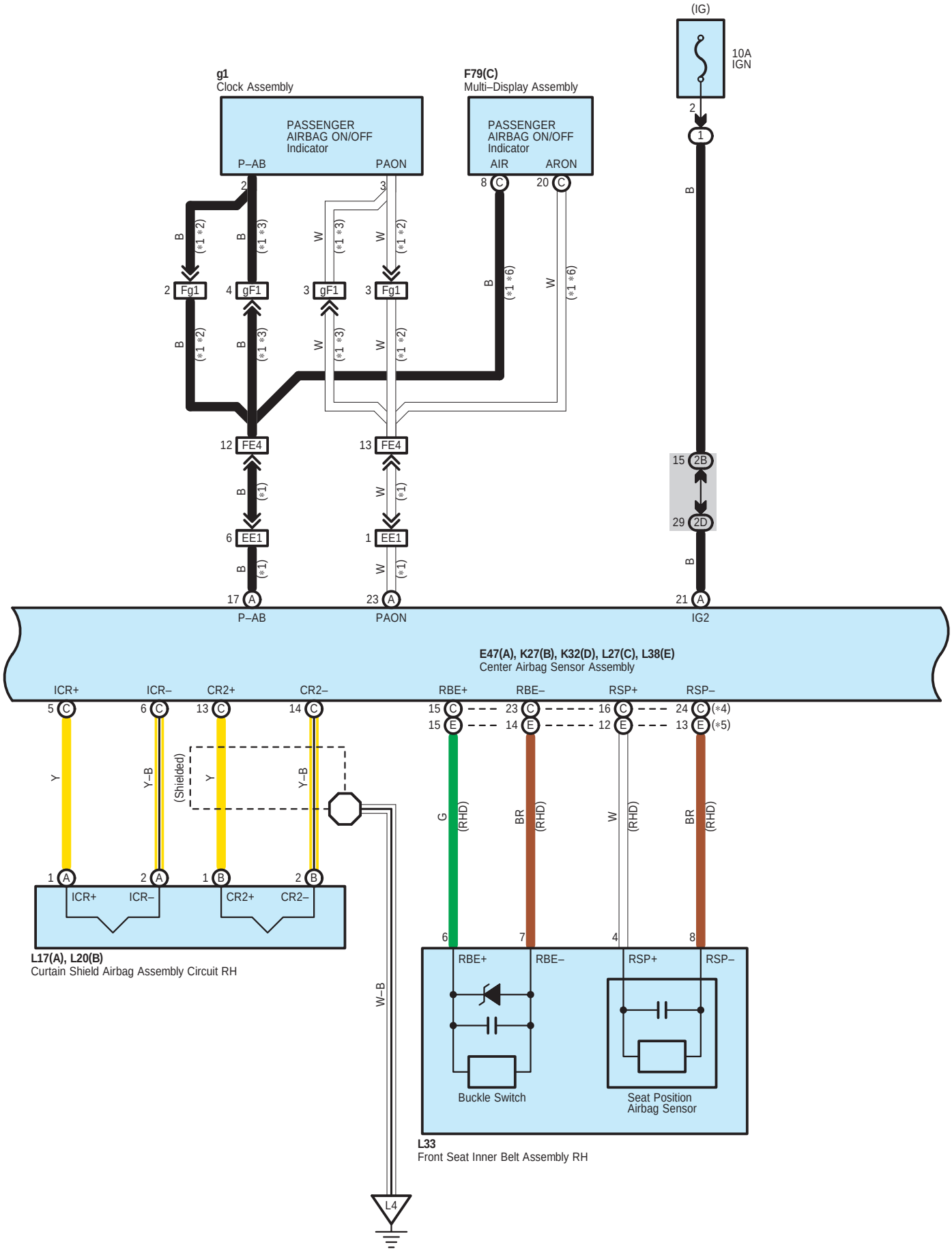

K1
Front
Pretensioner LH
L13
Front
Pretensioner RH
z57
Front Side Airbag
Squib Circuit LH
z58
Front Side Airbag
Squib Circuit RH
L+
L–
R+
R–
SFL+
SFL–
SFR+
SFR–
Y–B
Y
Kz4
Lz1
(*4)
(*5)
PL+
PL–
PR+
PR–
SFL+
SFL–
SFR+
SFR–
E47(A), K27(B), K32(D), L27(C), L38(E)
Center Airbag Sensor Assembly
E1
D+
D–
D2+
D2–
P+
P–
P2+
P2–
W–B
2D
E62
Junction Connector
Y–R
Y–G
Y–GR
Y–P
Eb1
E13(A), z38(B), z39(C)
Spiral Cable Sub–Assembly
P2+
P2–
P+
P–
Front Passenger
Side Squib
Circuit
Front Passenger
Side Squib
2nd Step Circuit
z39(C)
Driver Side
Squib Circuit
z38(B)
Driver Side Squib
2nd Step Circuit
b3(C), b4(D)
Front Passenger Side
Squib Circuit

∗ 4 : w/ Curtain Shield Airbag
∗ 5 : w/o Curtain Shield Airbag
∗13 : Liftgate Type
∗14 : Swing Type

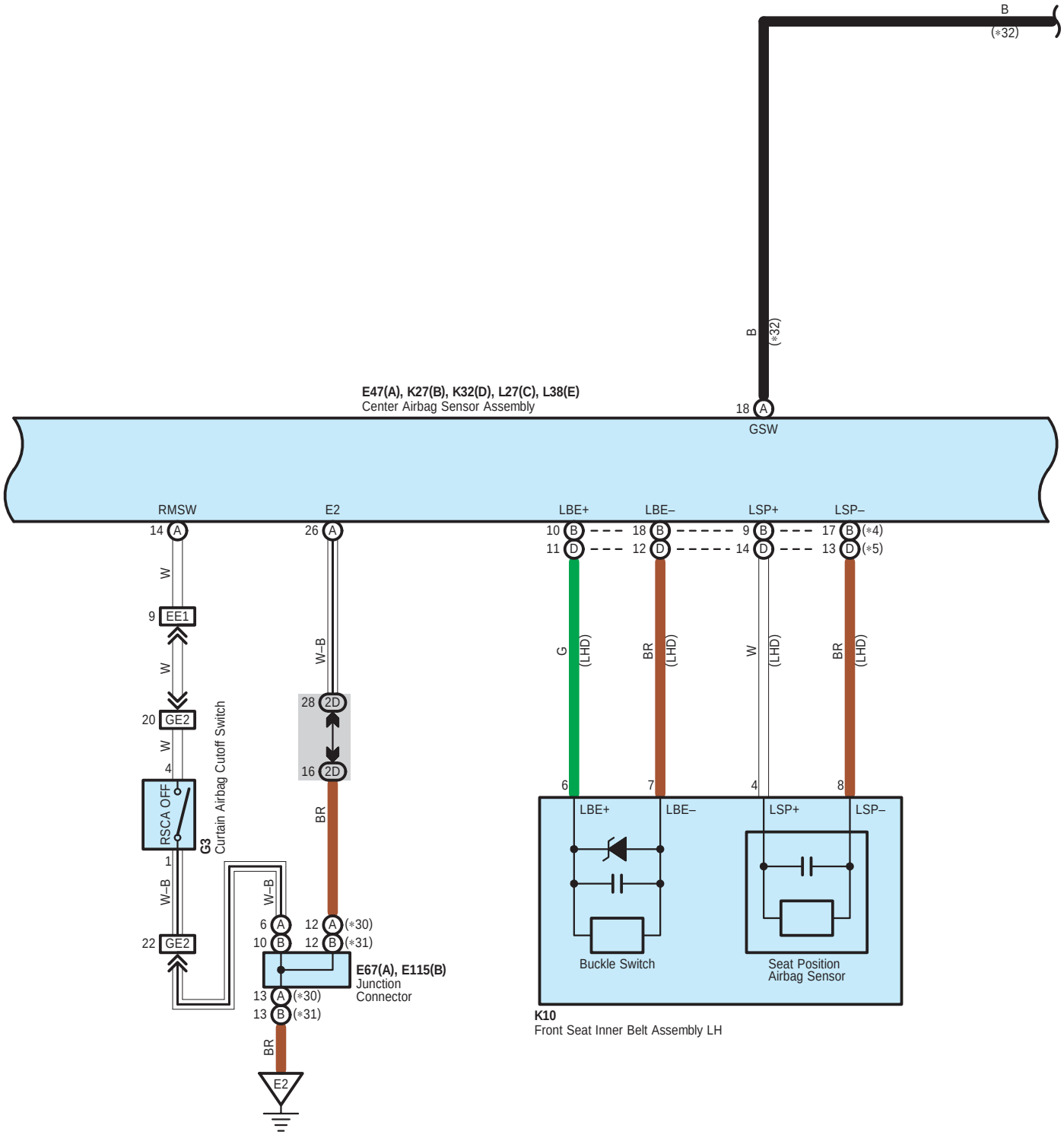


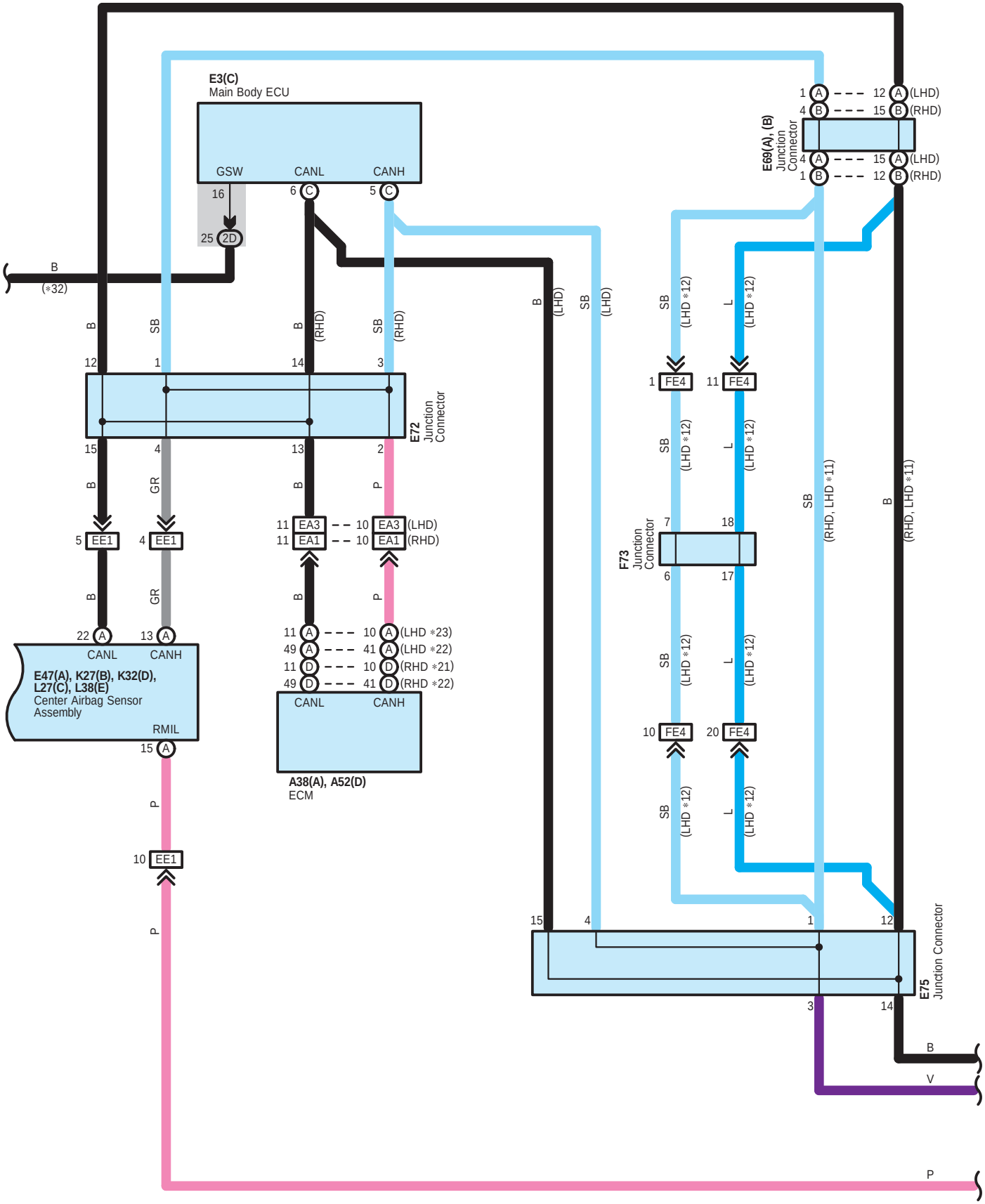
* 1 : w/ Airbag Cutoff Switch
* 2 : w/o Multi–Display w/ Stereo Component Amplifier
* 3 : w/o Multi–Display w/o Stereo Component Amplifier
* 4 : w/ Curtain Shield Airbag
* 5 : w/o Curtain Shield Airbag
* 6 : w/ Multi–Display

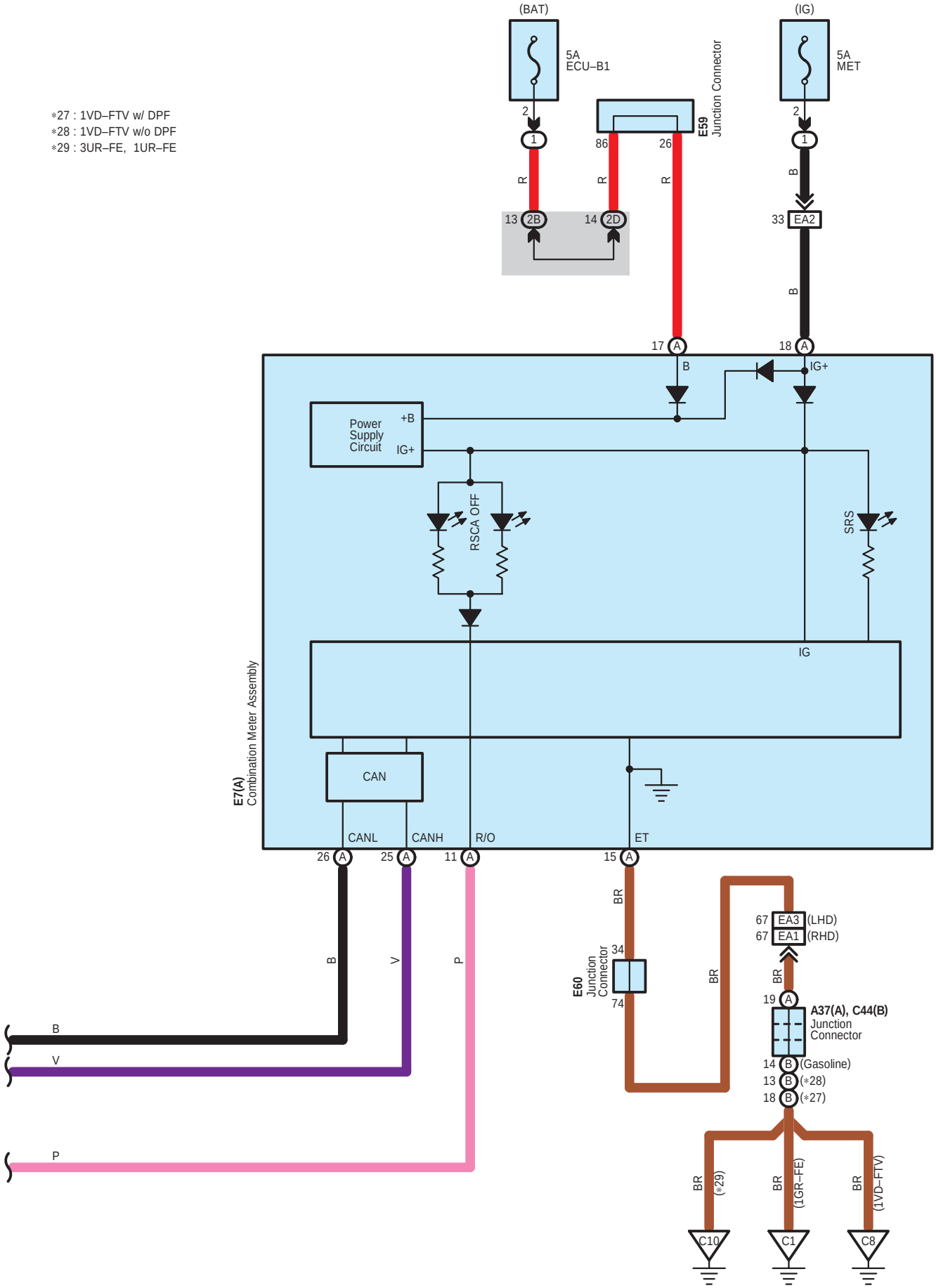



(IG)
10A
IGN
g1
Clock Assembly
PASSENGER
AIRBAG ON/OFF
Indicator
P–AB
PAON
F79(C)
Multi–Display Assembly
PASSENGER
AIRBAG ON/OFF
Indicator
AIR
ARON
Fg1
gF1
FE4
EE1
2B
2D
P–AB
PAON
IG2
E47(A), K27(B), K32(D), L27(C), L38(E)
Center Airbag Sensor Assembly
ICR+
ICR–
CR2+
CR2–
RBE+
RBE–
RSP+
RSP–
(Shielded)
(RHD)
L17(A), L20(B)
Curtain Shield Airbag Assembly Circuit RH
W–B
L4
L33
Front Seat Inner Belt Assembly RH
Buckle Switch
Seat Position
Airbag Sensor

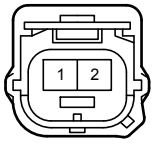
∗ 4 : w/ Curtain Shield Airbag
∗ 5 : w/o Curtain Shield Airbag
∗11 : w/ VSC
∗12 : w/o VSC
∗21 : 1UR–FE, 1GR–FE
∗22 : 1VD–FTV
∗23 : 3UR–FE, 1UR–FE, 1GR–FE
∗30 : LHD Before Aug. 2013 Production, RHD
∗31 : LHD From Aug. 2013 Production
∗32 : From Aug. 2013 Production G. C. C.



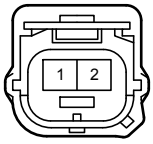

E3(C)
Main Body ECU
GSW
CANL
CANH
16
25 2D
6 C
5 C
B
(*32)
B
SB
B (RHD)
SB (RHD)
B (LHD)
SB (LHD)
12
1
14
3
E72
Junction Connector
15
4
13
2
B
GR
B
P
5 EE1
4 EE1
11 EA3
11 EA1
10 EA3 (LHD)
10 EA1 (RHD)
B
GR
B
P
22 A
13 A
11 A
49 A
11 D
49 D
10 A (LHD *23)
41 A (LHD *22)
10 D (RHD *21)
41 D (RHD *22)
CANL
CANH
E47(A), K27(B), K32(D), L27(C), L38(E)
Center Airbag Sensor Assembly
RMIL
15 A
A38(A), A52(D)
ECM
P
10 EE1
P
E69(A), (B)
Junction Connector
1 A
4 B
4 A
1 B
12 A (LHD)
15 B (RHD)
15 A (LHD)
12 B (RHD)
SB (LHD *12)
L (LHD *12)
1 FE4
11 FE4
SB (LHD *12)
L (LHD *12)
F73
Junction Connector
7
18
6
17
SB (LHD *12)
L (LHD *12)
10 FE4
20 FE4
SB (LHD *12)
L (LHD *12)
SB (RHD, LHD *11)
B (RHD, LHD *11)
15
4
1
12
3
14
E75
Junction Connector
B
V
P


∗27 : 1VD–FTV w/ DPF
∗28 : 1VD–FTV w/o DPF
∗29 : 3UR–FE, 1UR–FE
(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction Connector
2
1
86
26
R
13 2B
14 2D
33 EA2
B
17 A
18 A
IG+
Power
Supply
Circuit
+B
IG+
RSCA OFF
SRS
IG
E7(A)
Combination Meter Assembly
CAN
CANL
CANH
R/O
ET
26 A
25 A
11 A
15 A
B
V
P
BR
E60
Junction
Connector
34
74
67 EA3 (LHD)
67 EA1 (RHD)
19 A
A37(A), C44(B)
Junction
Connector
14 B (Gasoline)
13 B (∗28)
18 B (∗27)
(∗29)
(1GR–FE)
(1VD–FTV)
C10
C1
C8

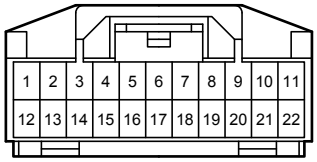
A 6
Yellow



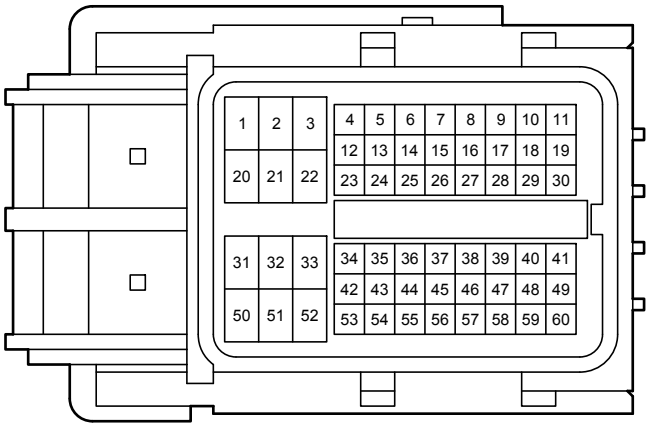
A 7
Yellow



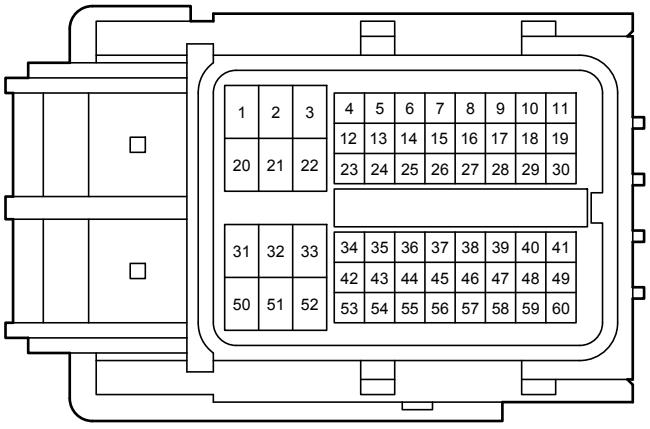
A 37
Blue



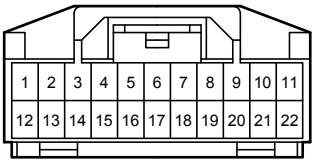
A 38
Black



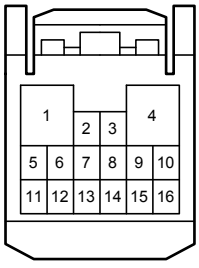
A 52
Black



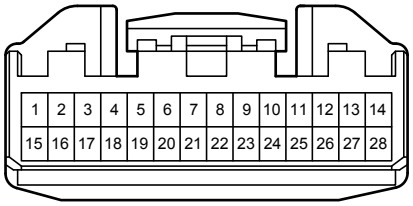
C 44
Blue



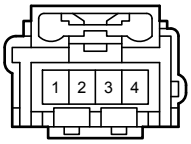
E 3
White



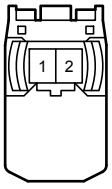
E 7
White



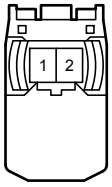
E 13
Yellow



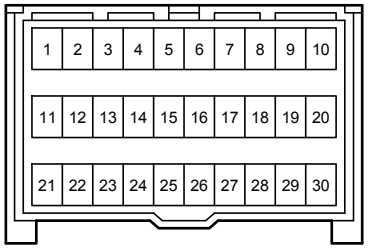
E 24
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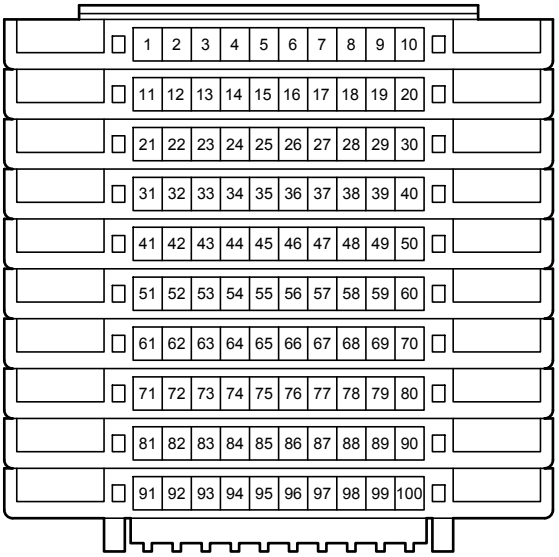
E 40
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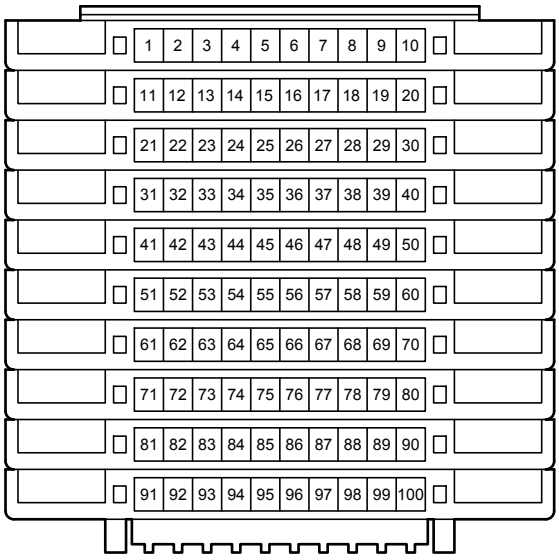
E 47
Yellow



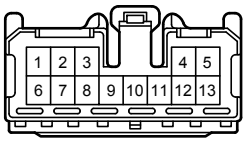
E 59



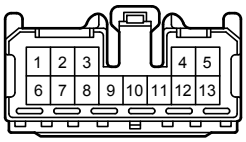
E 60



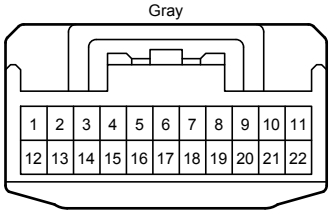
E 62
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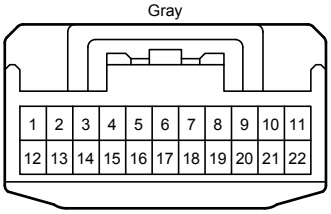
E 67
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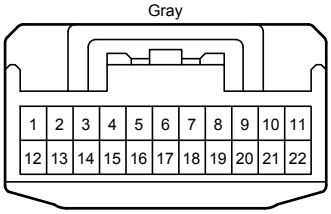
E 69
Gray



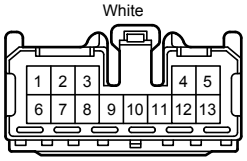
E 72
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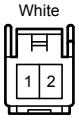
E 75
Gray



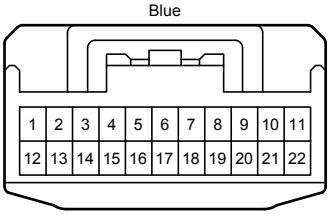
E115
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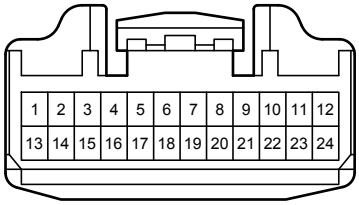
F 38
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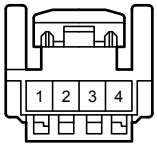
F 73
Blue



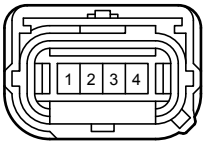
F 79
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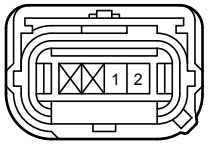
G 3
Gray



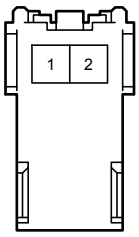
I 9
Yellow



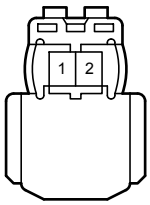
I 19
Yellow



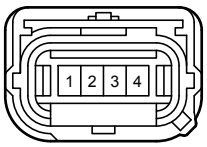
K 1
Yellow



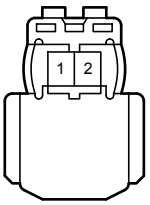
K 6
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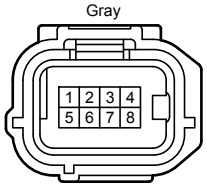
K 7
Yellow



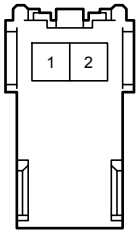
K 9
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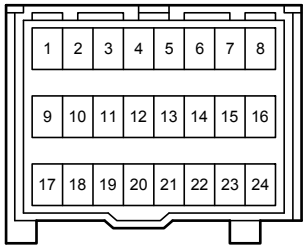
K 10
Gray



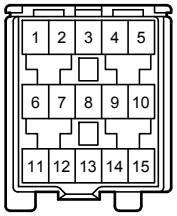
K 13
Yellow



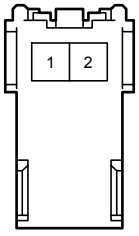
K 27
Yellow



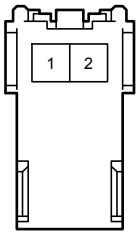
K 32
Yellow



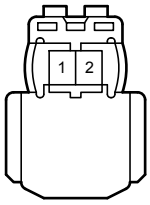
L 13
Yellow



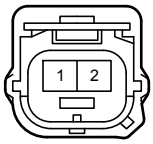
L 14
Yellow



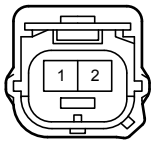
L 17
Black



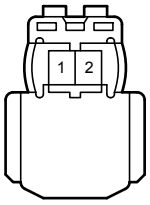
L 18
Yellow



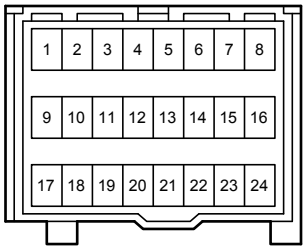
L 19
Yellow



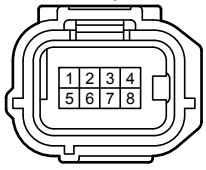
L 20
Black



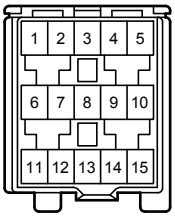
L 27
Yellow



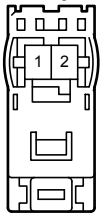
L 33
Gray



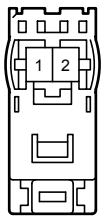
L 38
Yellow



b 3
Orange



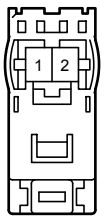
b 4
Black



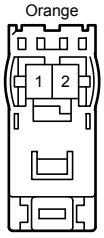
g 1
White



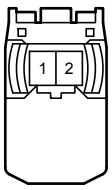
z 38
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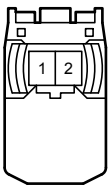
z 39
Orange



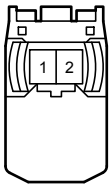
z 57
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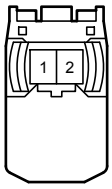
z 58
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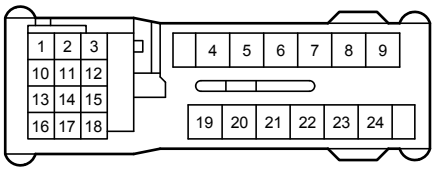
z 59
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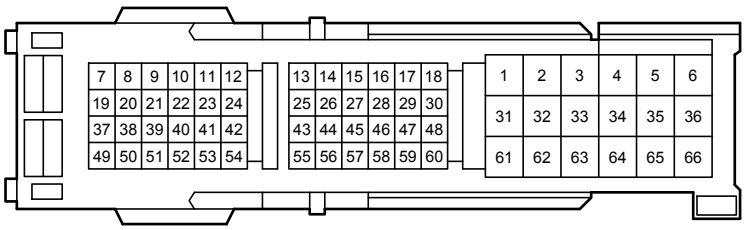
z 60
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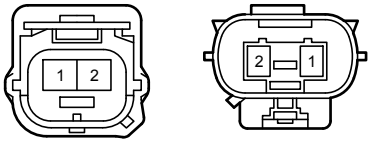
2B
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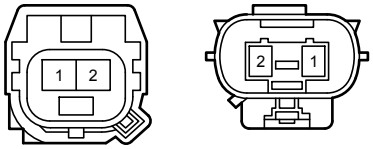
2D
White



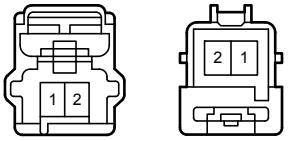
AA2
Yellow



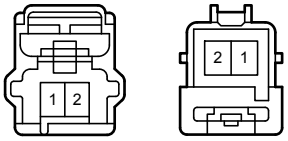
AA4
Yellow



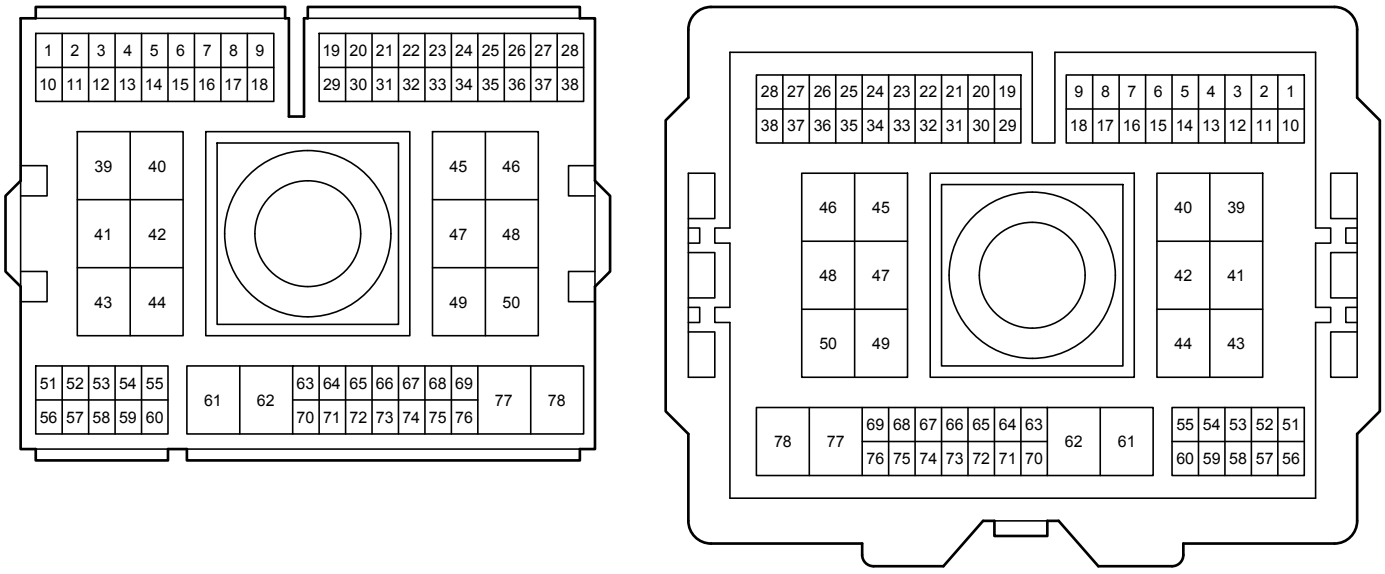
AE1
Yellow



AE2
Yellow

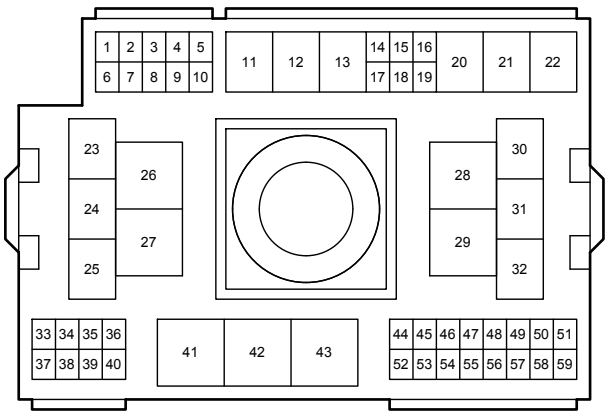


EA1
White

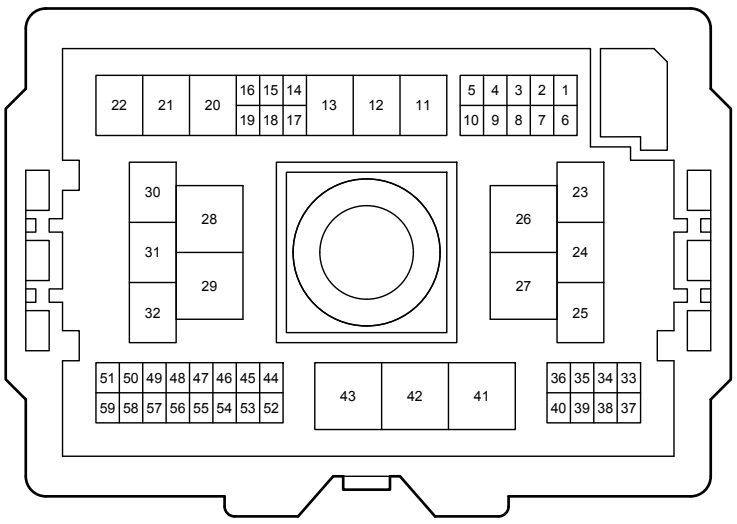


EA2

White

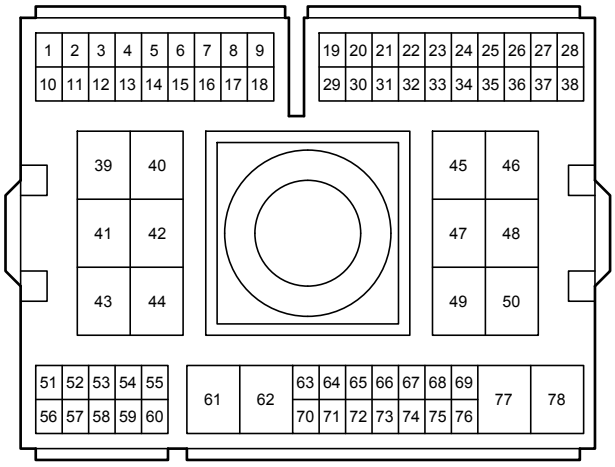


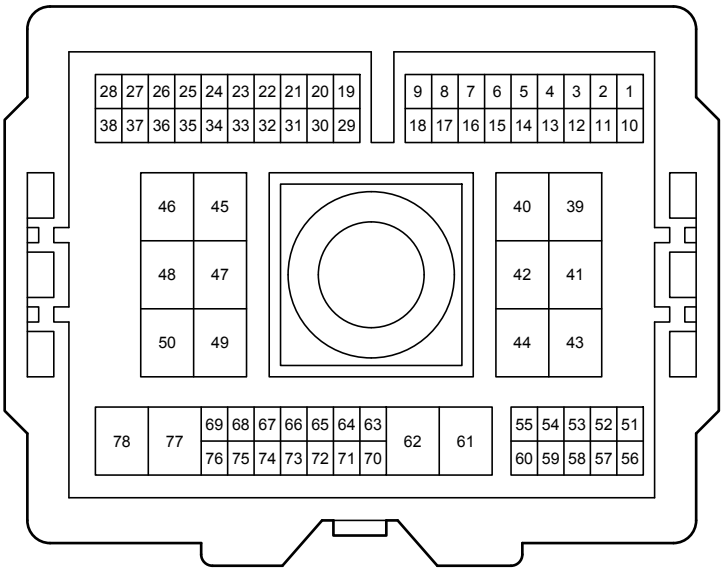
Gray



EA3

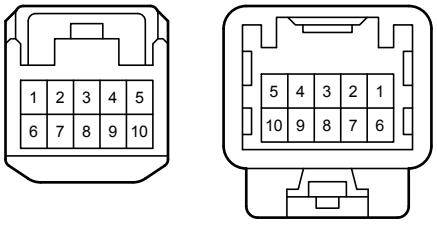
White





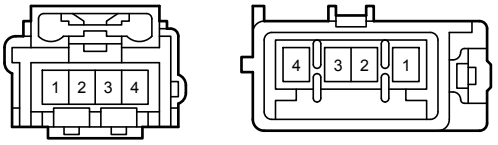
EE1

White

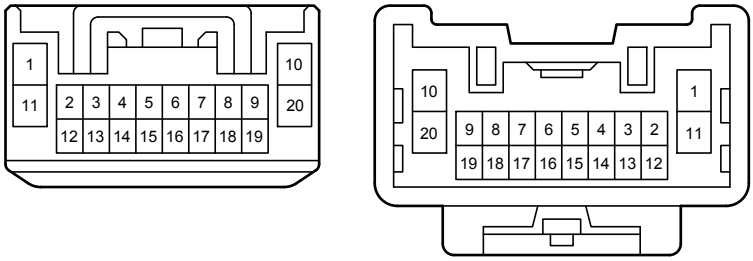


Eb1

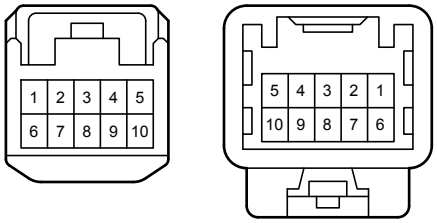
Yellow



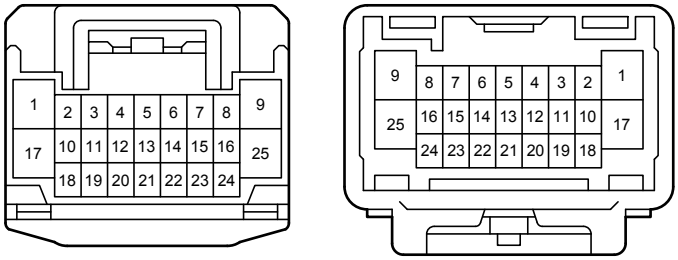
FE4
White



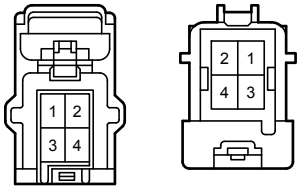
Fg1
Black



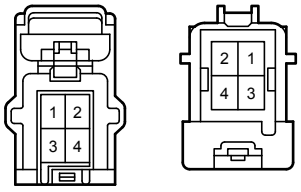
GE2
White



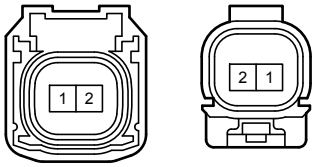
IK1
Yellow



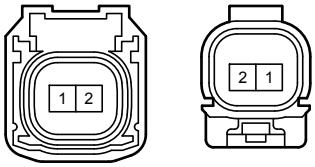
IL1
Yellow



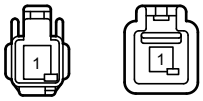
Kz4
Yellow White



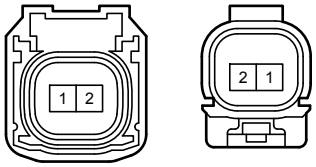
Kz5
Yellow White



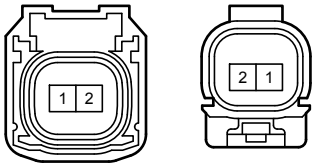
LL1
White



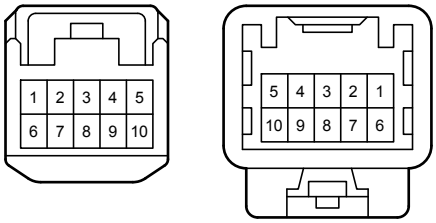
Lz1
Yellow White

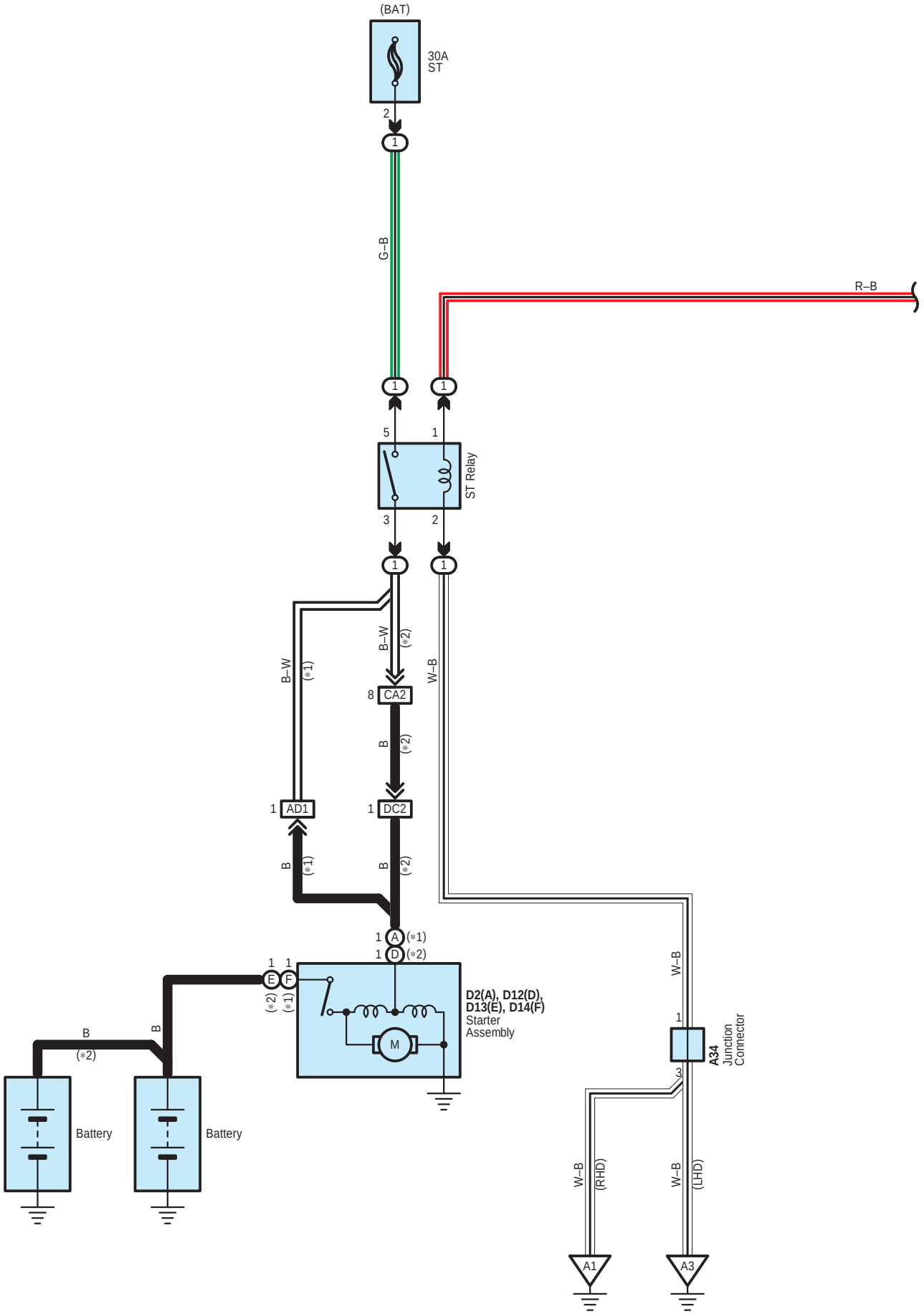


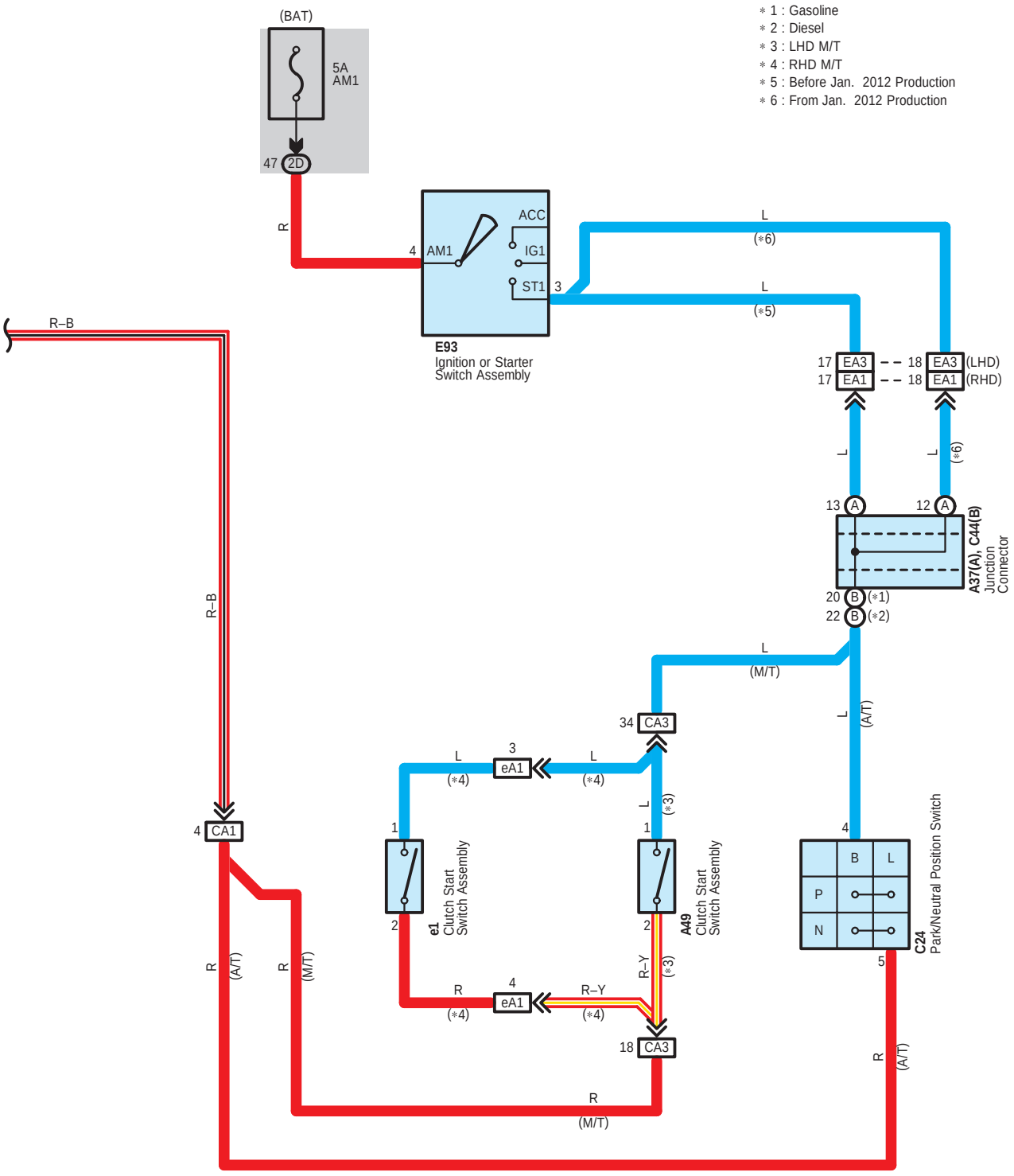
Lz2
Yellow White



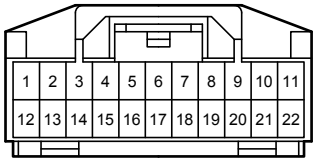
gF1
Black



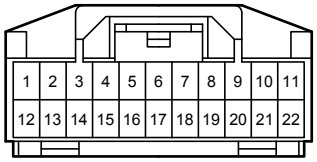

(BAT)
30A
ST
2
1
G–B
R–B
1
1
5
1
ST Relay
3
2
1
1
B–W
(*1)
B–W
(*2)
W–B
8
CA2
B
(*2)
1
AD1
1
DC2
B
(*1)
B
(*2)
1
A
(*1)
1
D
(*2)
1
1
E
F
(*2)
(*1)
D2(A), D12(D),
D13(E), D14(F)
Starter
Assembly
M
B
(*2)
B
Battery
Battery
W–B
1
A34
Junction
Connector
3
W–B
(RHD)
W–B
(LHD)
A1
A3


∗ 1 : Gasoline
∗ 2 : Diesel
∗ 3 : LHD M/T
∗ 4 : RHD M/T
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
(BAT)
5A
AM1
47 2D
R
4 AM1
ACC
IG1
ST1 3
E93
Ignition or Starter
Switch Assembly
L
(∗6)
L
(∗5)
17 EA3
17 EA1
18 EA3 (LHD)
18 EA1 (RHD)
L
L
(∗6)
13 A
12 A
A37(A), C44(B)
Junction
Connector
20 B (∗1)
22 B (∗2)
R–B
R–B
L
(M/T)
L
(A/T)
34 CA3
3 eA1
L
(∗4)
L
(∗4)
L
(∗3)
1
2
e1
Clutch Start
Switch Assembly
1
2
A49
Clutch Start
Switch Assembly
4
B
L
P
N
5
C24
Park/Neutral Position Switch
4 CA1
R
(A/T)
R
(M/T)
R
(∗4)
4 eA1
R–Y
(∗4)
R–Y
(∗3)
18 CA3
R
(M/T)
R
(A/T)

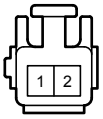
A 34
White



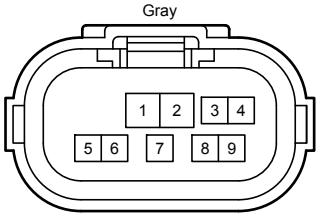
A 37
Blue



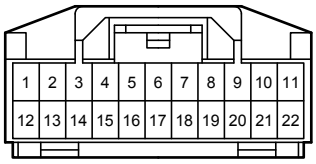
A 49
Black



C 24
Gray



C 44
Blue



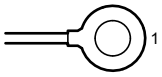
D 2
Black



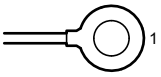
D 12
Black



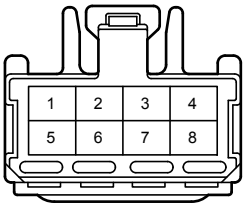
D 13



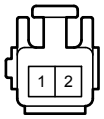
D 14



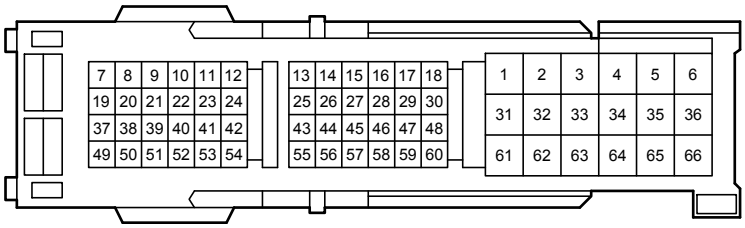
E 93
White



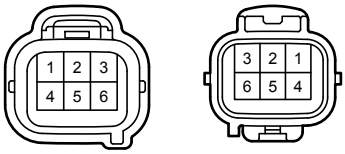
e 1
Black



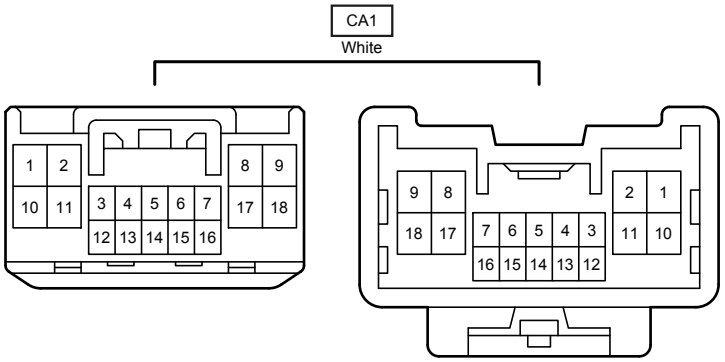
2D
White



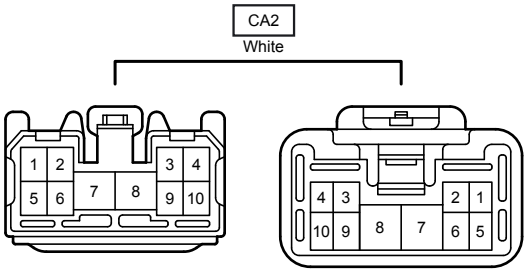
AD1
Black



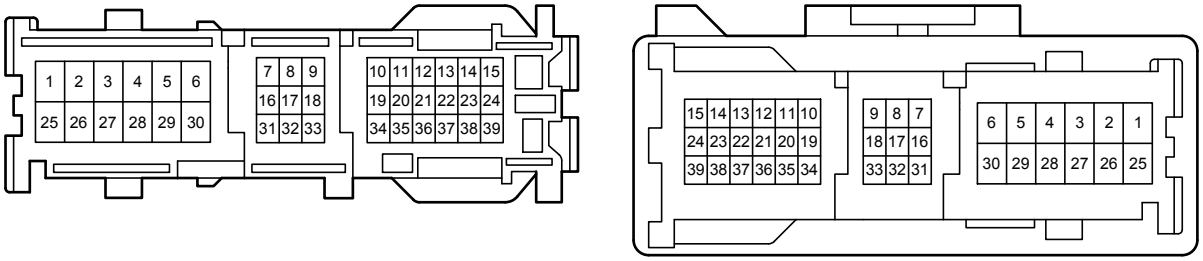
CA1
White



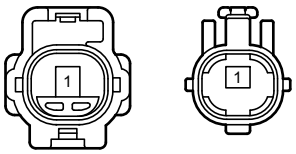
CA2
White



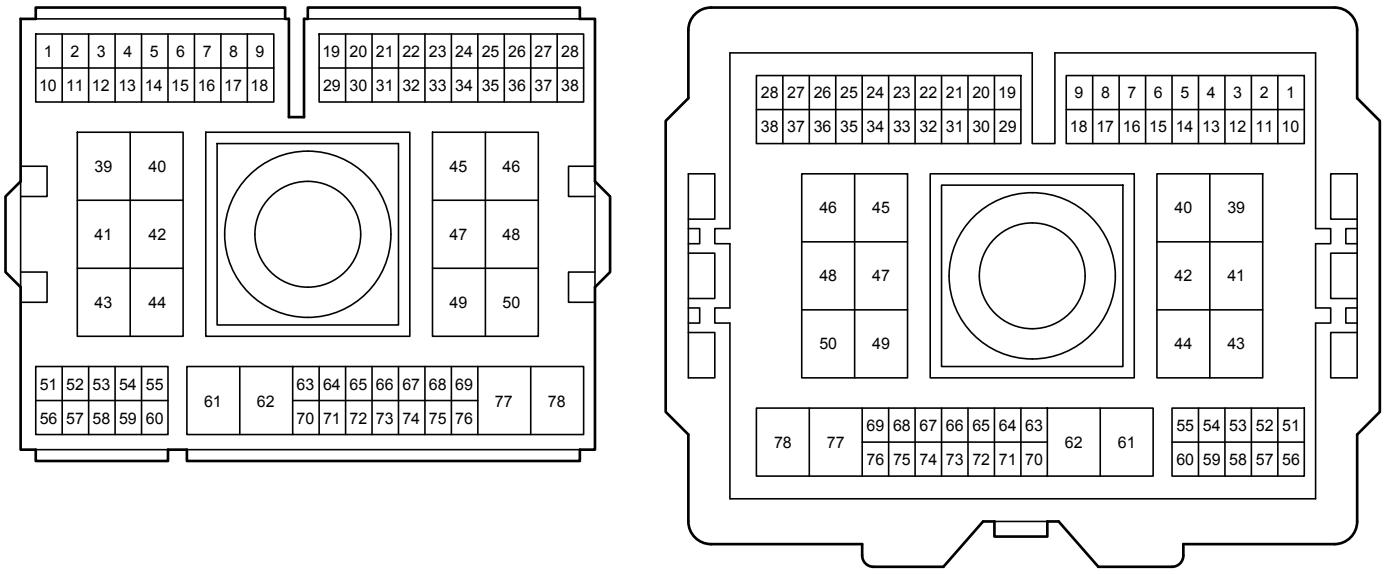
CA3
White

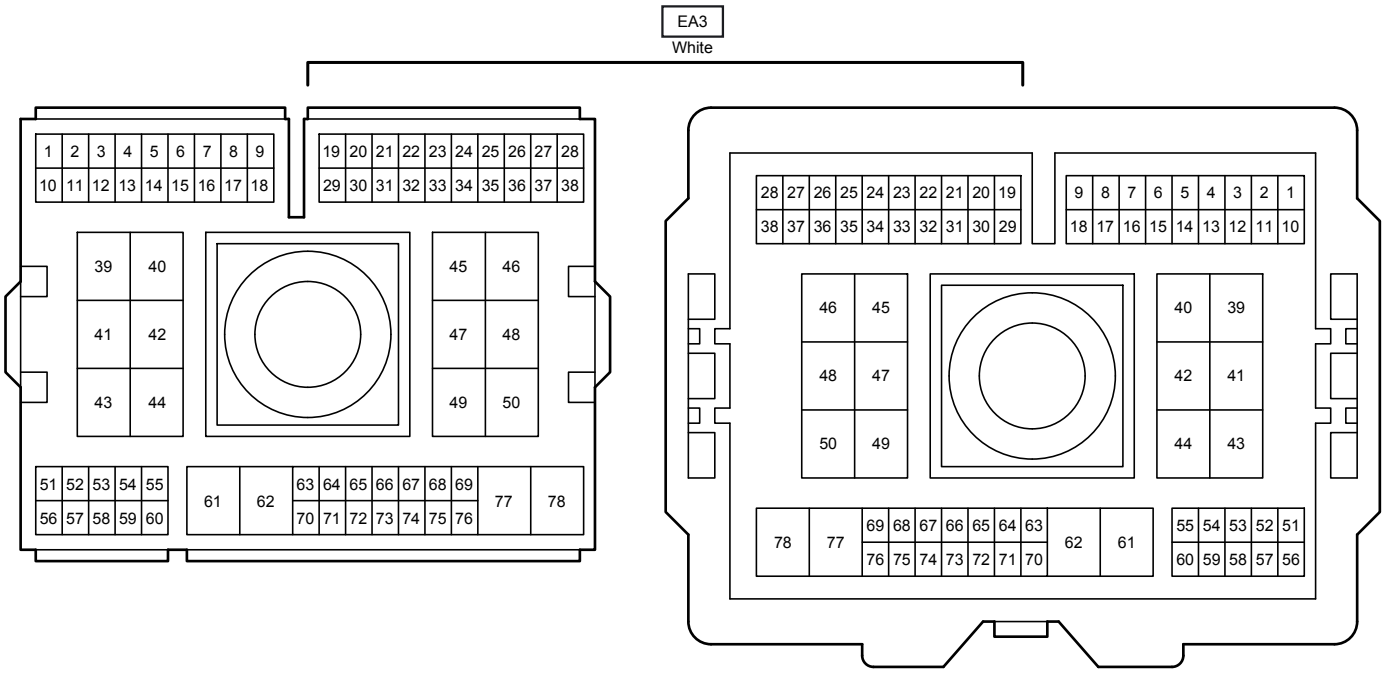


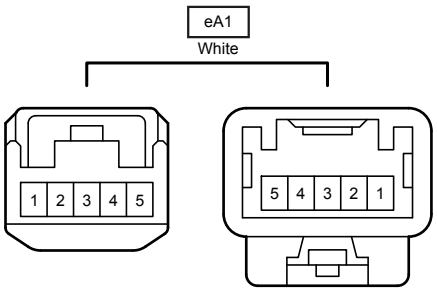
DC2
Gray

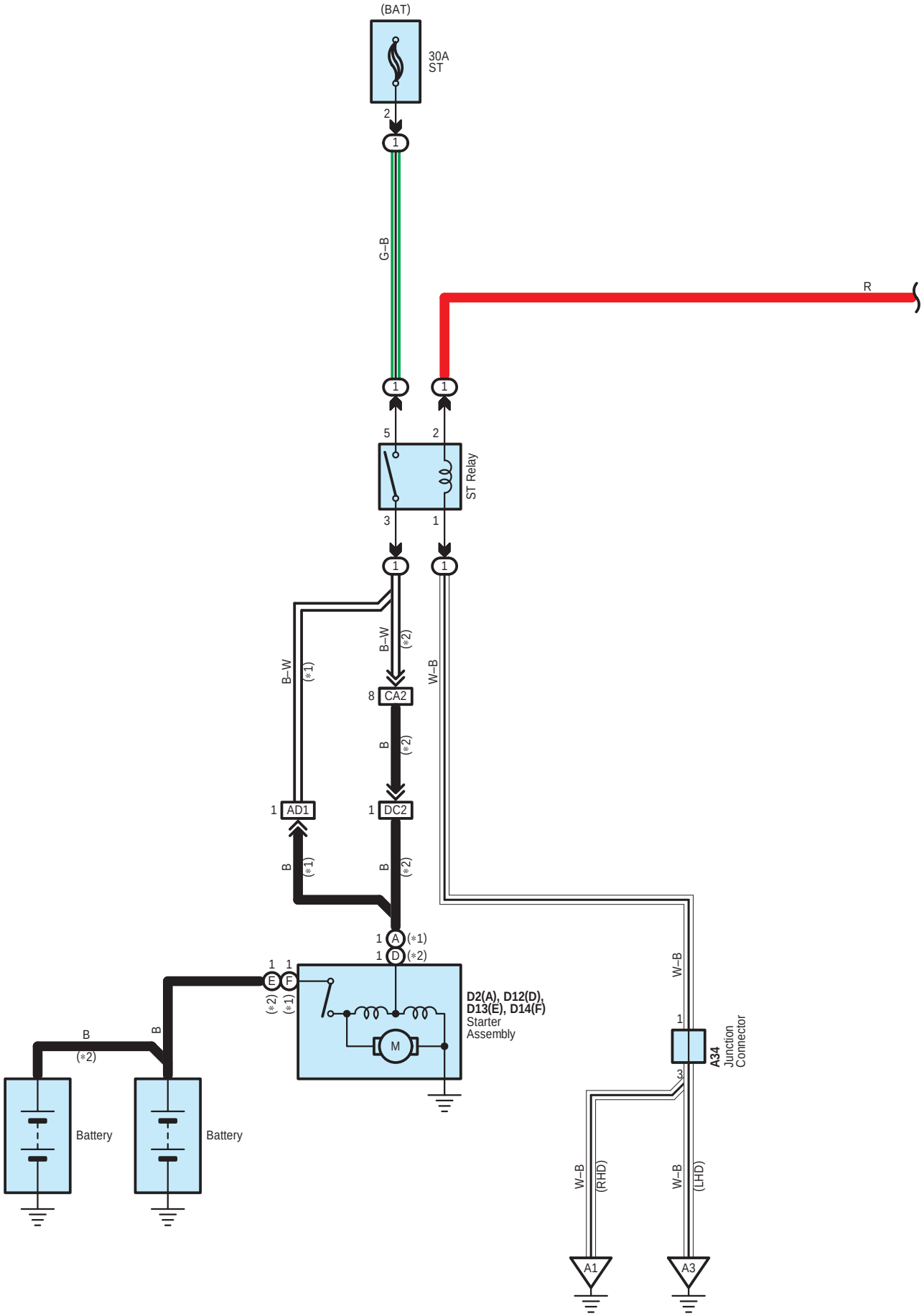


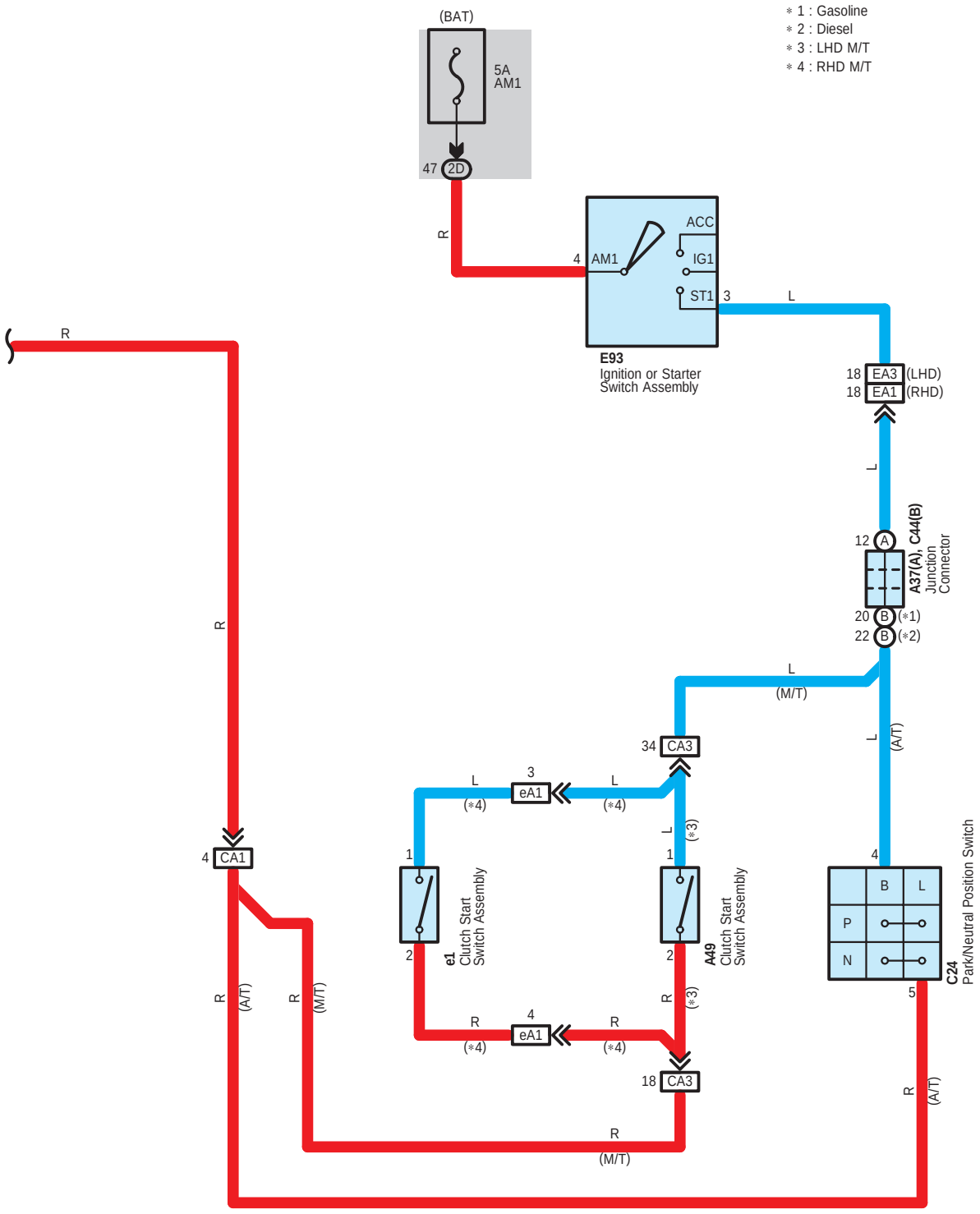
EA1
White



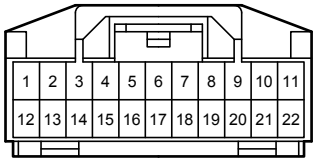

EA3
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45
48 47
50 49
40 39
42 41
44 43
78 77
69 68 67 66 65 64 63
76 75 74 73 72 71 70
62 61
55 54 53 52 51
60 59 58 57 56


eA1
White
1 2 3 4 5
5 4 3 2 1

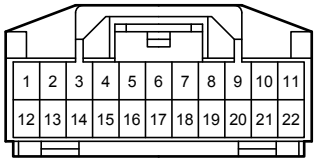

(BAT)
30A
ST
2
1
G–B
R
1
1
5
2
ST Relay
3
1
1
1
B–W
(*1)
B–W
(*2)
W–B
8
CA2
B
(*2)
1
AD1
1
DC2
B
(*1)
B
(*2)
1
A
(*1)
1
D
(*2)
1
1
E
F
(*2)
(*1)
D2(A), D12(D),
D13(E), D14(F)
Starter
Assembly
M
W–B
1
A34
Junction
Connector
3
B
(*2)
B
Battery
Battery
W–B
(RHD)
W–B
(LHD)
A1
A3


∗ 1 : Gasoline
∗ 2 : Diesel
∗ 3 : LHD M/T
∗ 4 : RHD M/T
(BAT)
5A
AM1
47 2D
R
4 AM1
ACC
IG1
ST1 3
L
E93
Ignition or Starter
Switch Assembly
18 EA3 (LHD)
18 EA1 (RHD)
L
12 A
A37(A), C44(B)
Junction
Connector
20 B (∗1)
22 B (∗2)
L
(M/T)
L
(A/T)
34 CA3
L
3
eA1
L
(∗4)
(∗4)
L
(∗3)
1
2
e1
Clutch Start
Switch Assembly
1
2
A49
Clutch Start
Switch Assembly
4
B
L
P
N
5
C24
Park/Neutral Position Switch
R
4 CA1
R
(A/T)
R
(M/T)
R
4
eA1
R
(∗4)
(∗4)
R
(∗3)
18 CA3
R
(M/T)
R
(A/T)

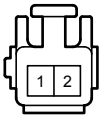
A 34
White



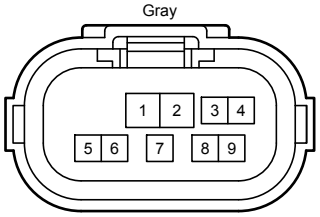
A 37
Blue



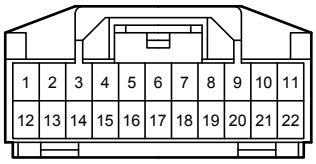
A 49
Black



C 24
Gray



C 44
Blue



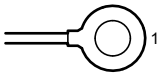
D 2
Black



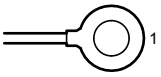
D 12
Black



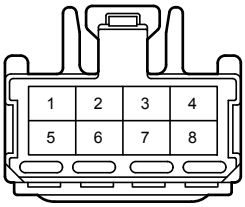
D 13



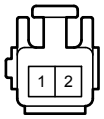
D 14



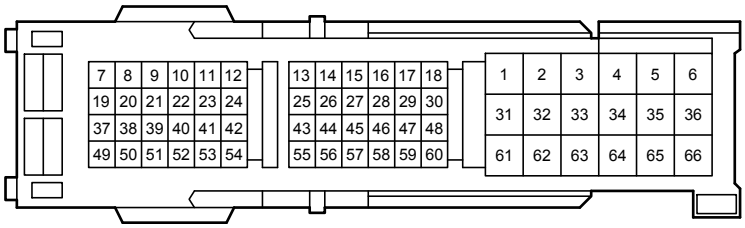
E 93
White



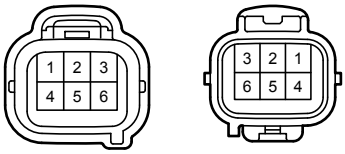
e 1
Black



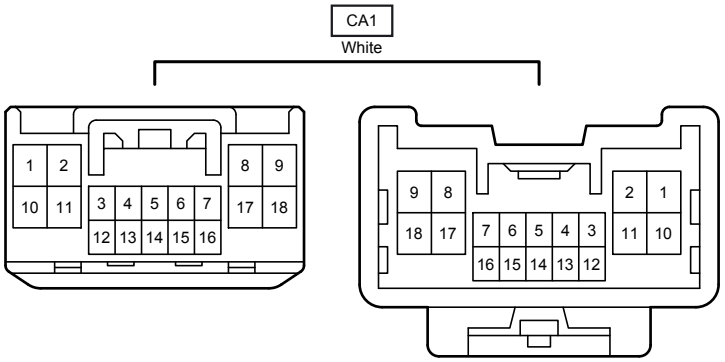
2D
White



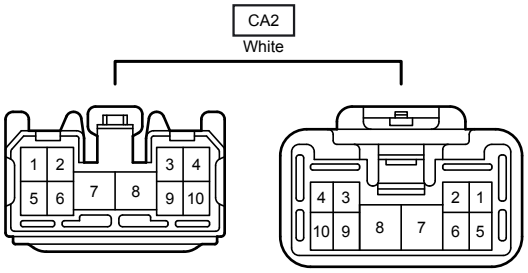
AD1
Black



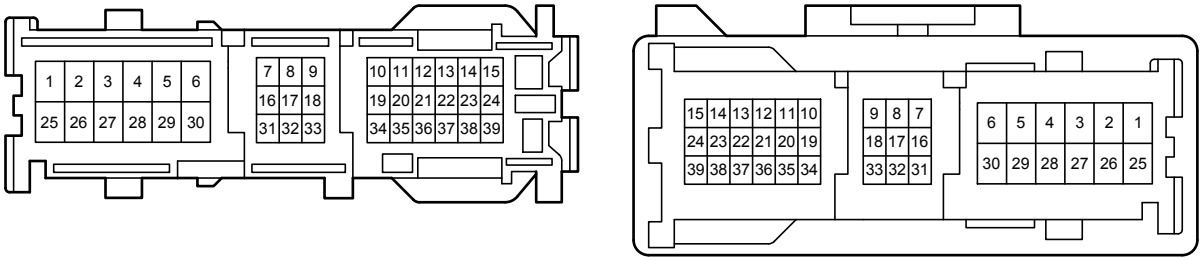
CA1
White



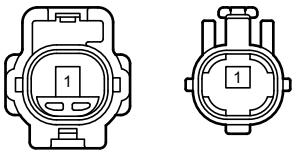
CA2
White



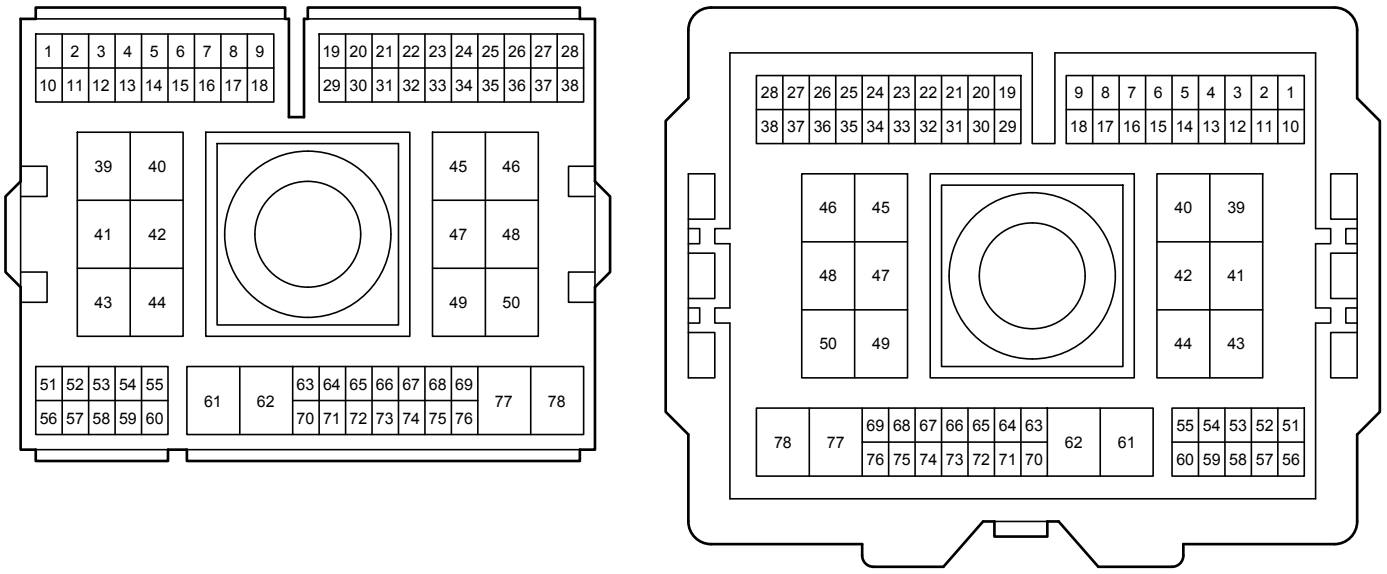
CA3
White

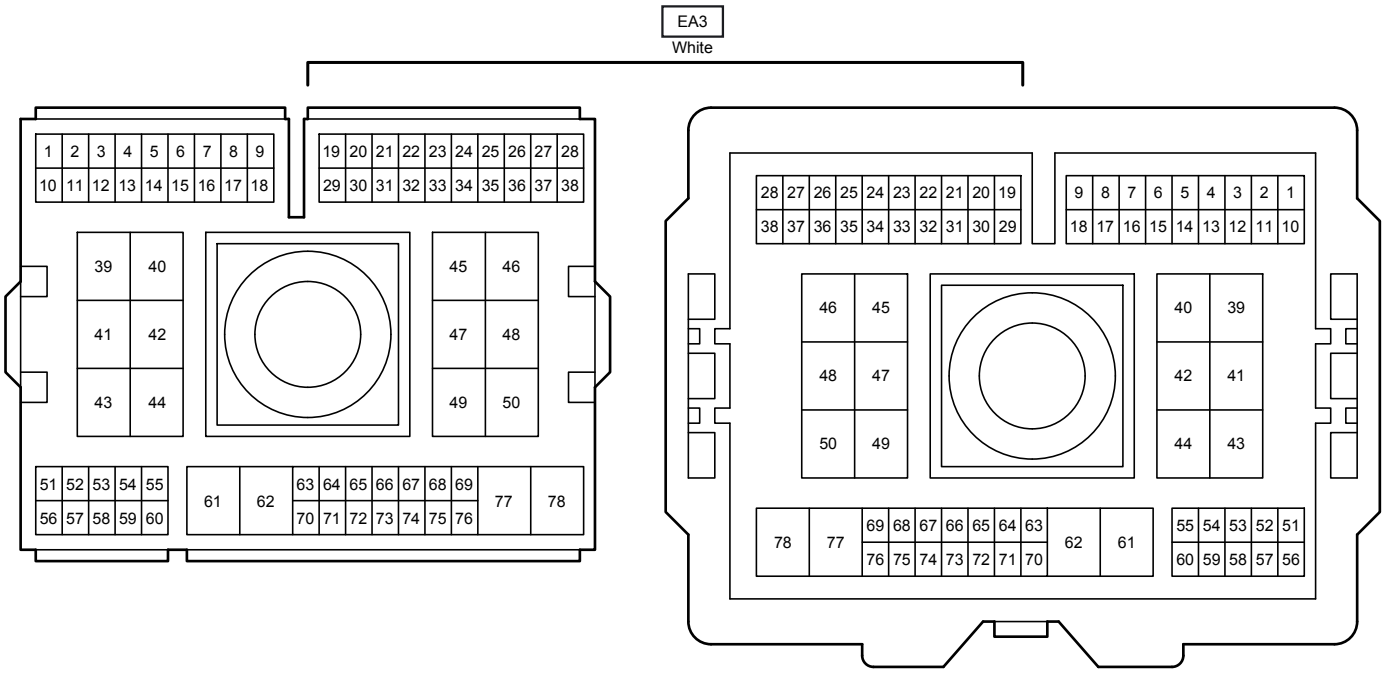


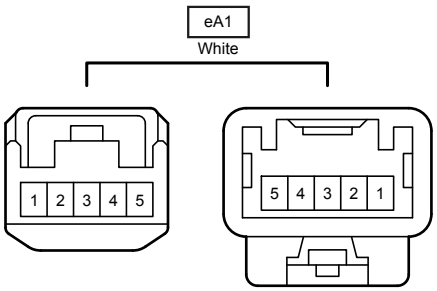
DC2
Gray

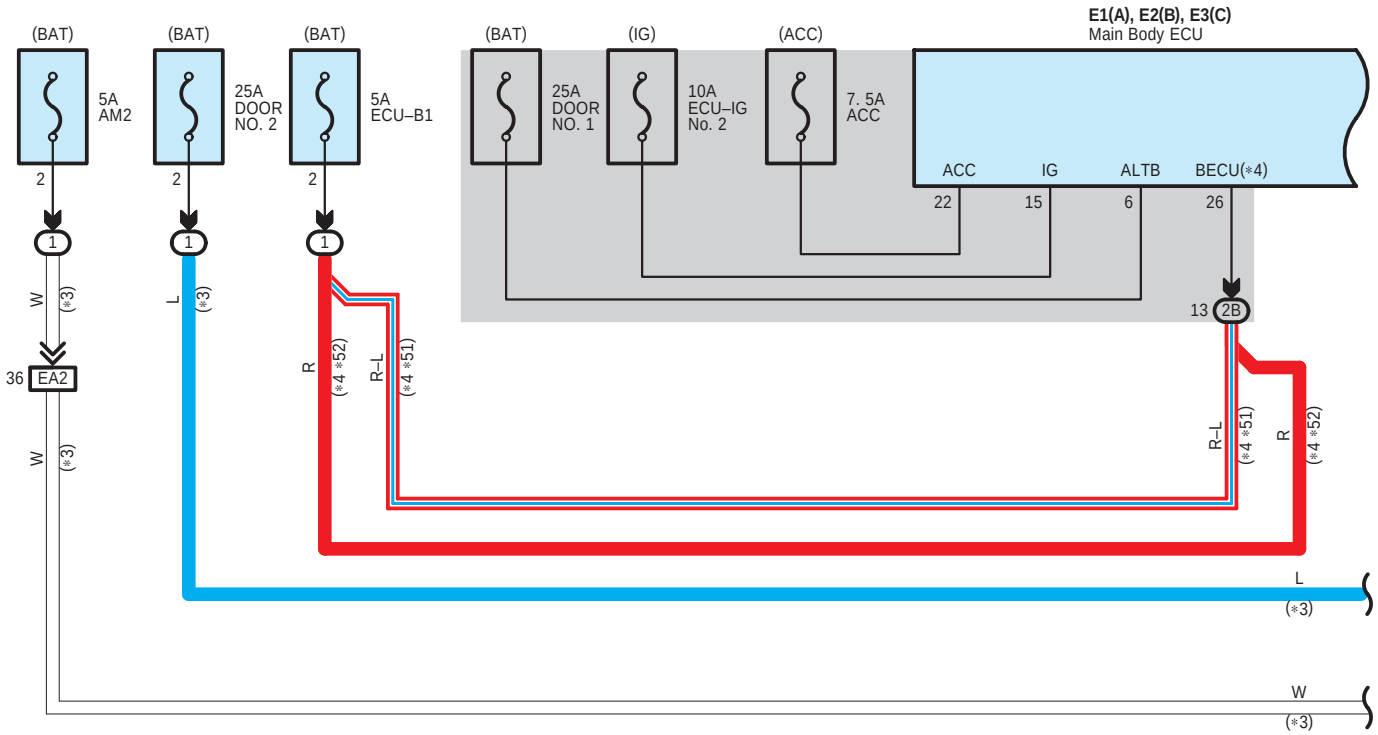


EA1
White

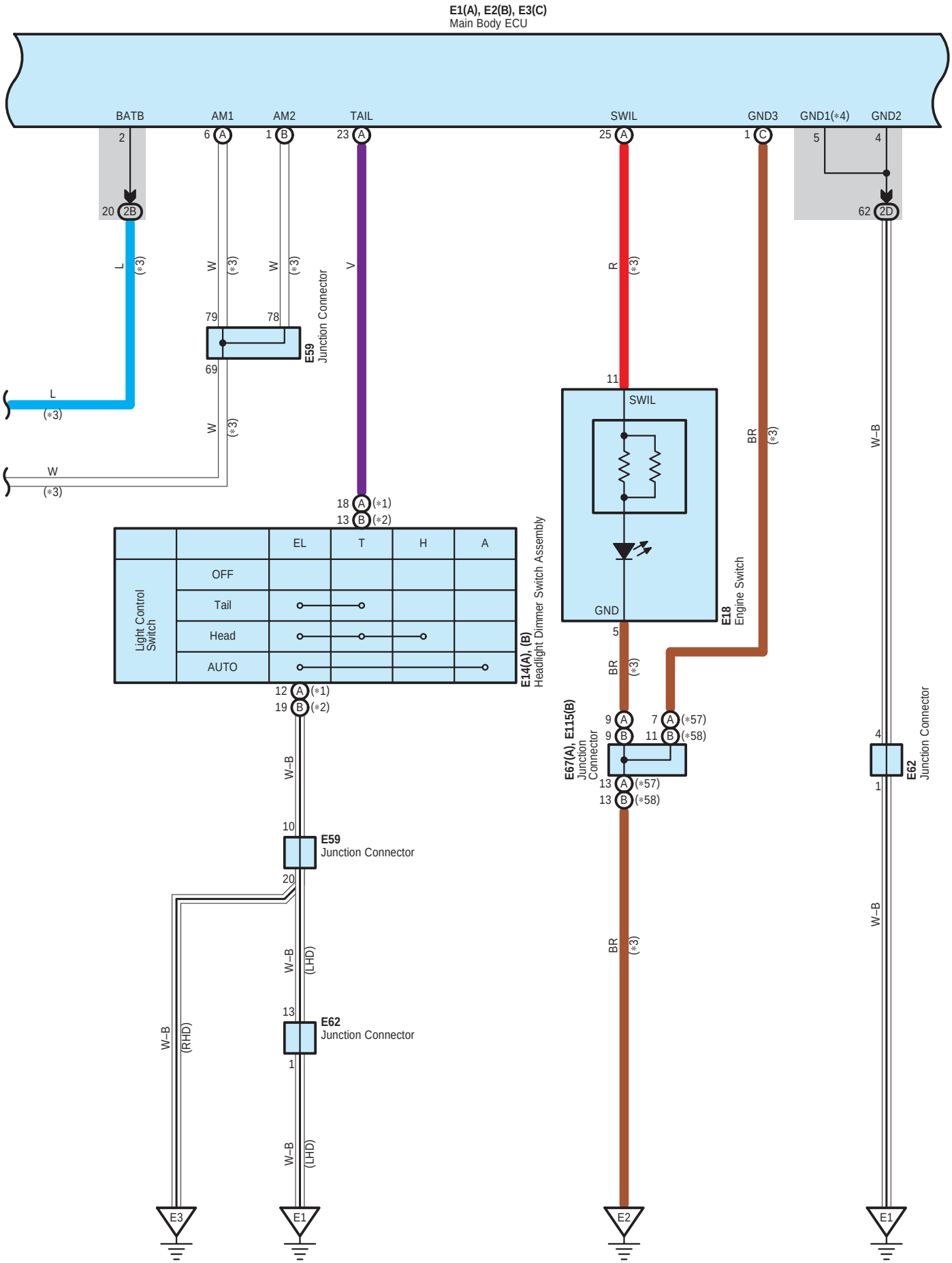


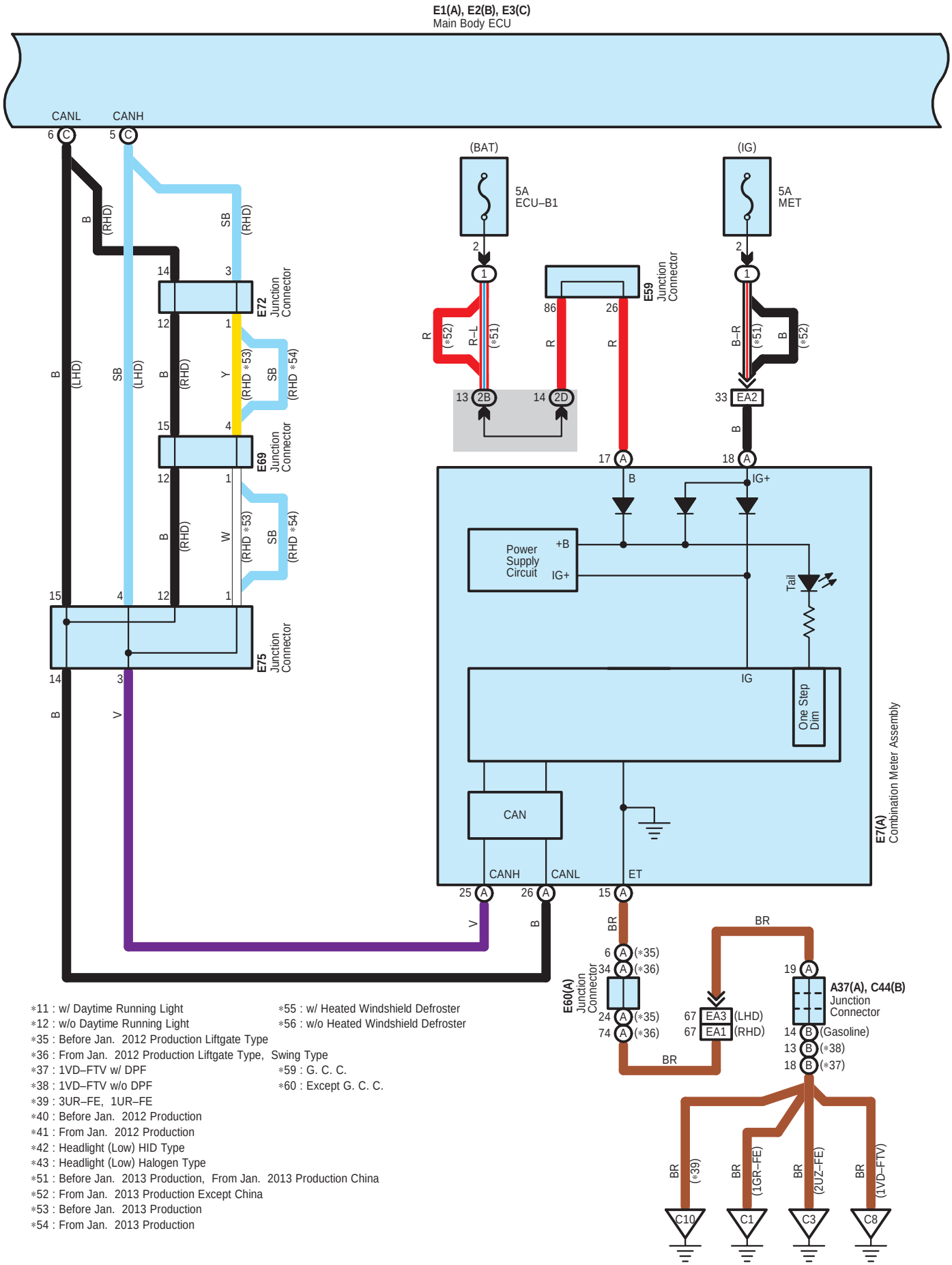

EA3
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45
48 47
50 49
40 39
42 41
44 43
78 77
69 68 67 66 65 64 63
76 75 74 73 72 71 70
62 61
55 54 53 52 51
60 59 58 57 56


eA1
White
1 2 3 4 5
5 4 3 2 1

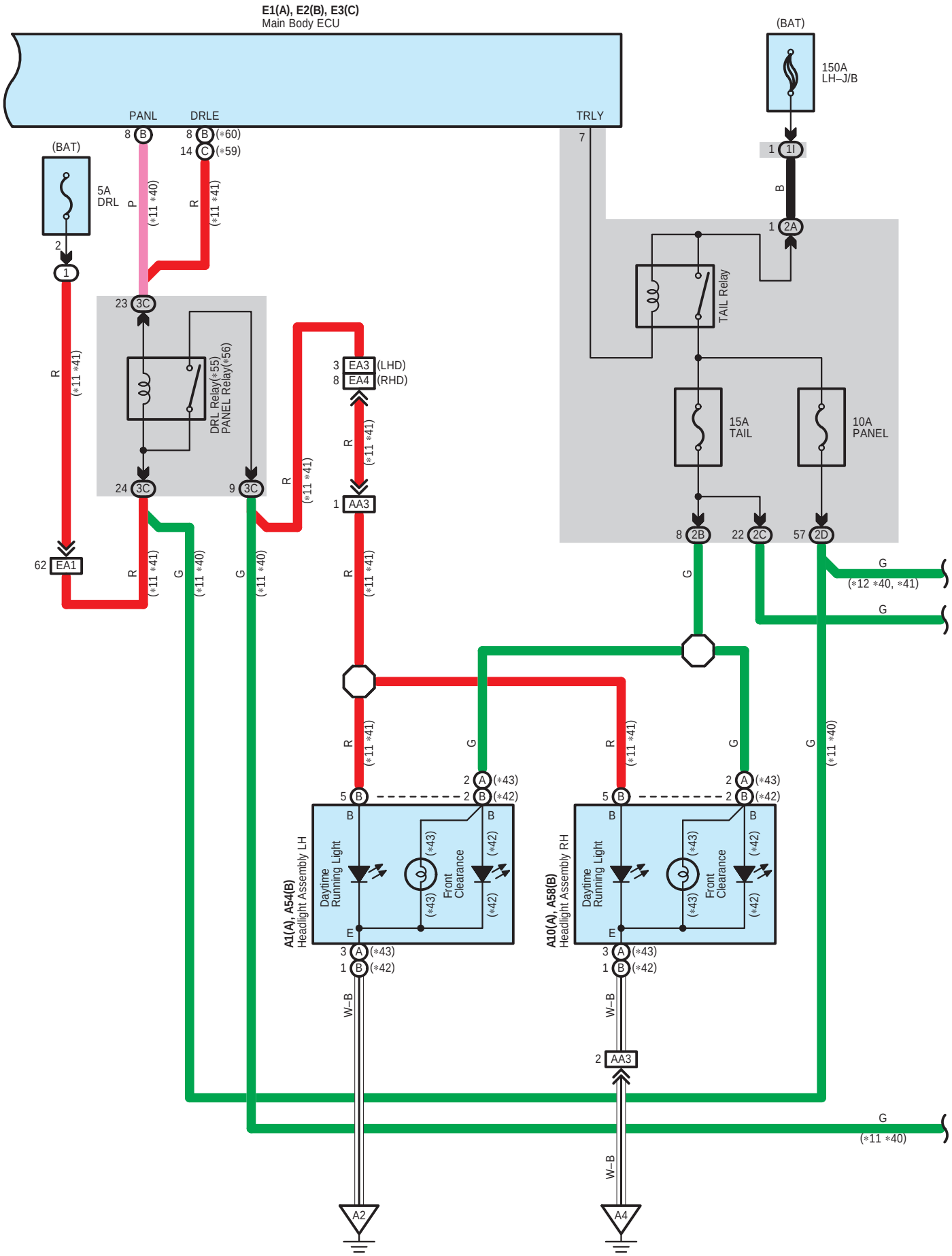


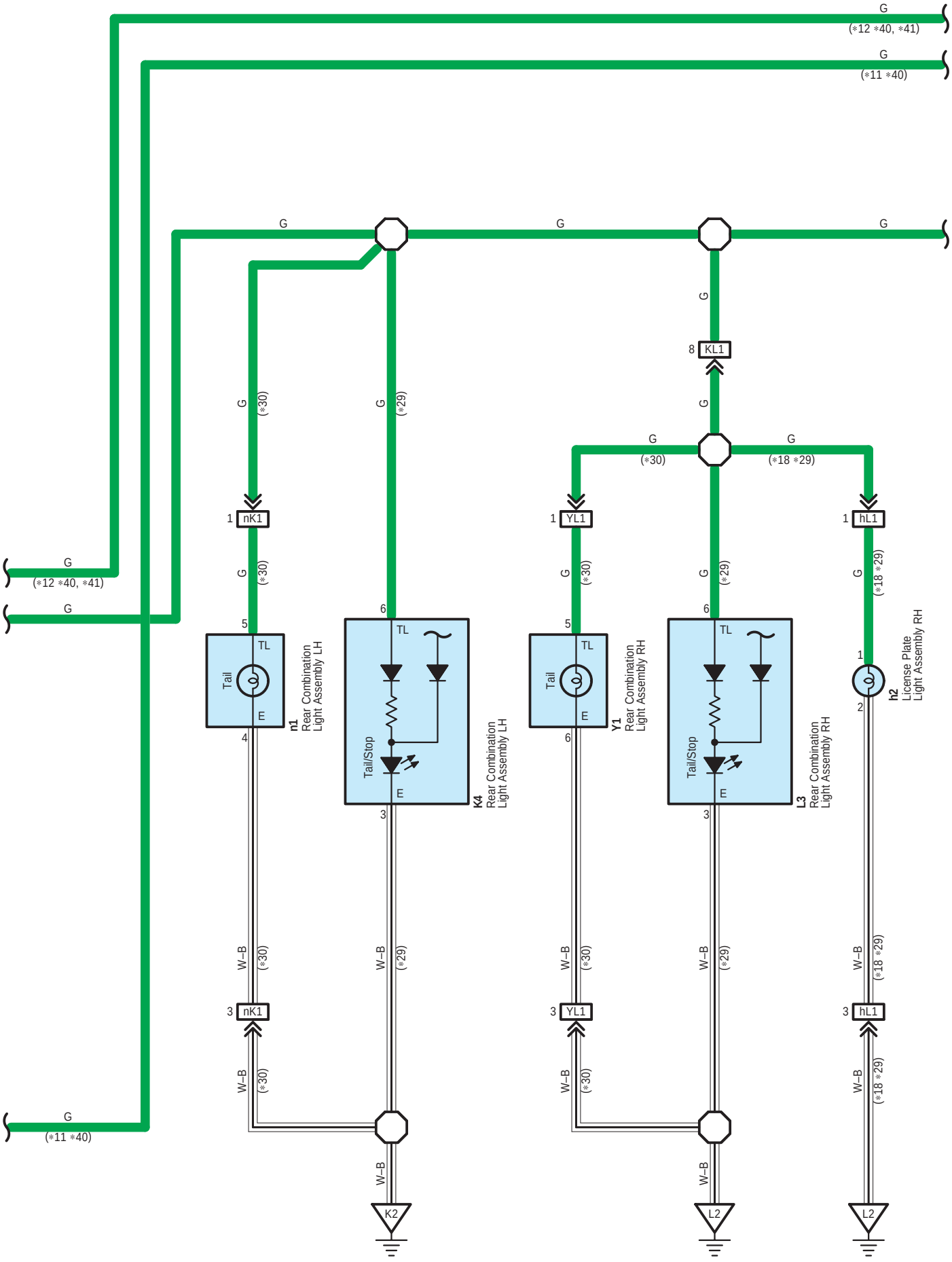
∗ 1 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
∗ 2 : RHD Headlight Dimmer Switch Assembly RH Side Type
∗ 3 : w/ Entry & Start System
∗ 4 : w/o Entry & Start System
∗51 : Before Jan. 2013 Production, From Jan. 2013 Production China
∗52 : From Jan. 2013 Production Except China
∗57 : LHD Before Aug. 2013 Production,
LHD From Aug. 2013 Production China, RHD
∗58 : LHD From Aug. 2013 Production Except China

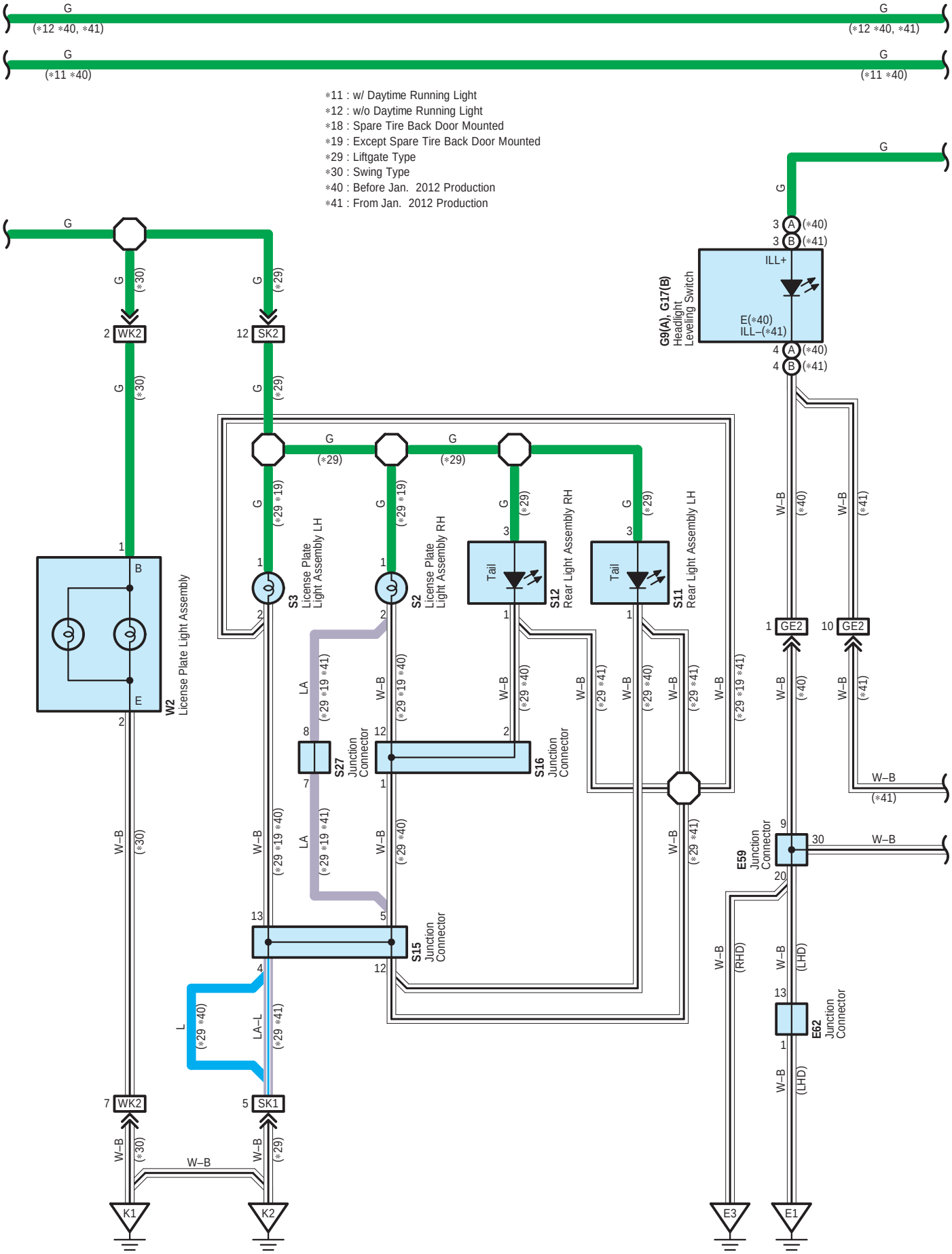

E1(A), E2(B), E3(C)
Main Body ECU
BATB
AM1
AM2
TAIL
SWIL
GND3
GND1(*4)
GND2
2
20 2B
6 A
1 B
23 A
25 A
1 C
5
4
62 2D
L (*3)
W (*3)
W (*3)
V
R (*3)
BR (*3)
W–B
79
78
69
E59 Junction Connector
L (*3)
W (*3)
W (*3)
11
SWIL
GND
E18 Engine Switch
18 A (*1)
13 B (*2)
EL
T
H
A
Light Control Switch
OFF
Tail
Head
AUTO
E14(A), (B) Headlight Dimmer Switch Assembly
5
BR (*3)
12 A (*1)
19 B (*2)
9 A
9 B
7 A (*57)
11 B (*58)
E67(A), E115(B) Junction Connector
13 A (*57)
13 B (*58)
4
1
E62 Junction Connector
W–B
10
E59 Junction Connector
20
W–B (LHD)
W–B (RHD)
13
E62 Junction Connector
1
W–B (LHD)
W–B
BR (*3)
E3
E1
E2
E1

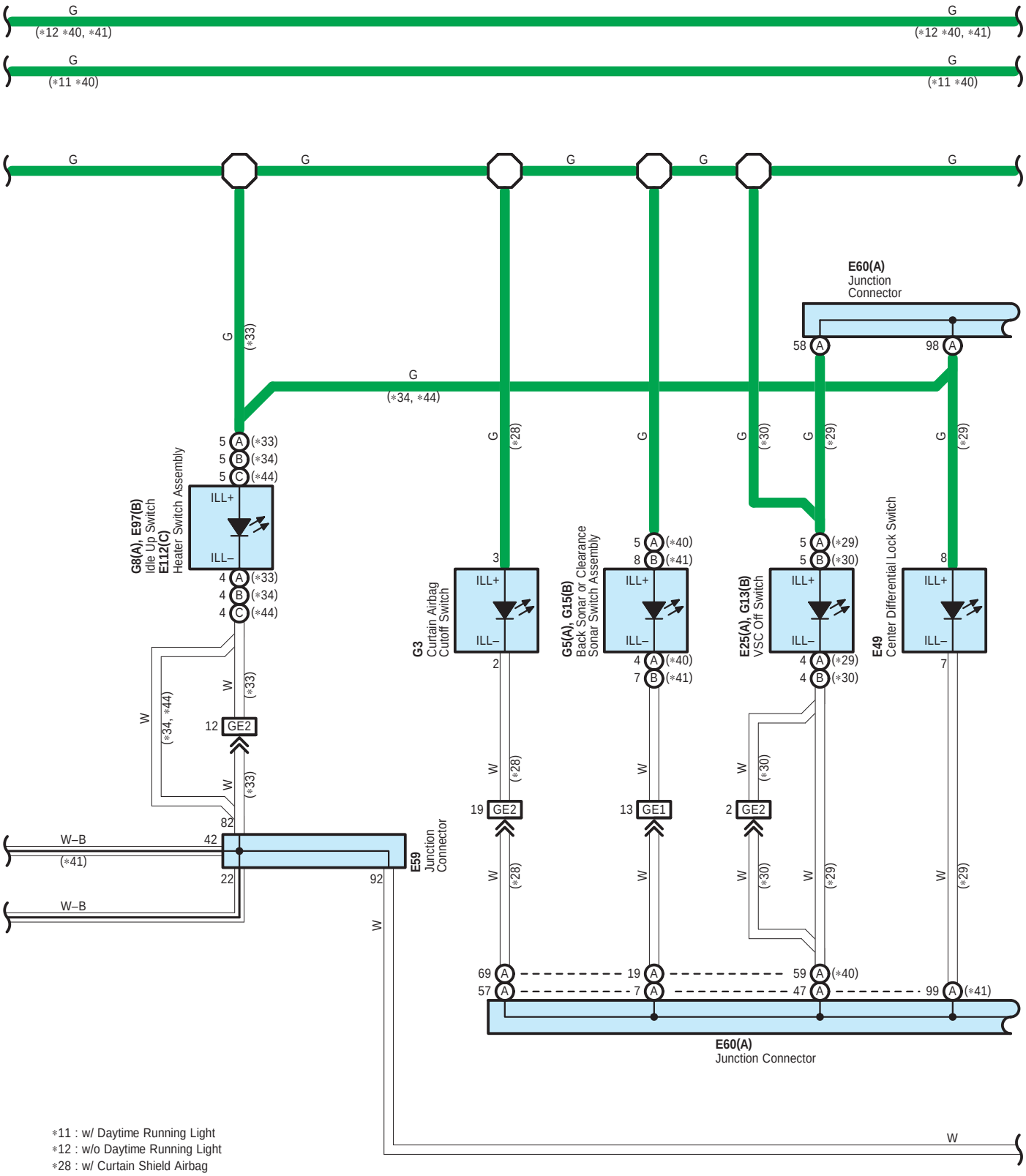


∗11 : w/ Daytime Running Light
∗12 : w/o Daytime Running Light
∗35 : Before Jan. 2012 Production Liftgate Type
∗36 : From Jan. 2012 Production Liftgate Type, Swing Type
∗37 : 1VD–FTV w/ DPF
∗38 : 1VD–FTV w/o DPF
∗39 : 3UR–FE, 1UR–FE
∗40 : Before Jan. 2012 Production
∗41 : From Jan. 2012 Production
∗42 : Headlight (Low) HID Type
∗43 : Headlight (Low) Halogen Type
∗51 : Before Jan. 2013 Production, From Jan. 2013 Production China
∗52 : From Jan. 2013 Production Except China
∗53 : Before Jan. 2013 Production
∗54 : From Jan. 2013 Production
∗55 : w/ Heated Windshield Defroster
∗56 : w/o Heated Windshield Defroster
∗59 : G. C. C.
∗60 : Except G. C. C.

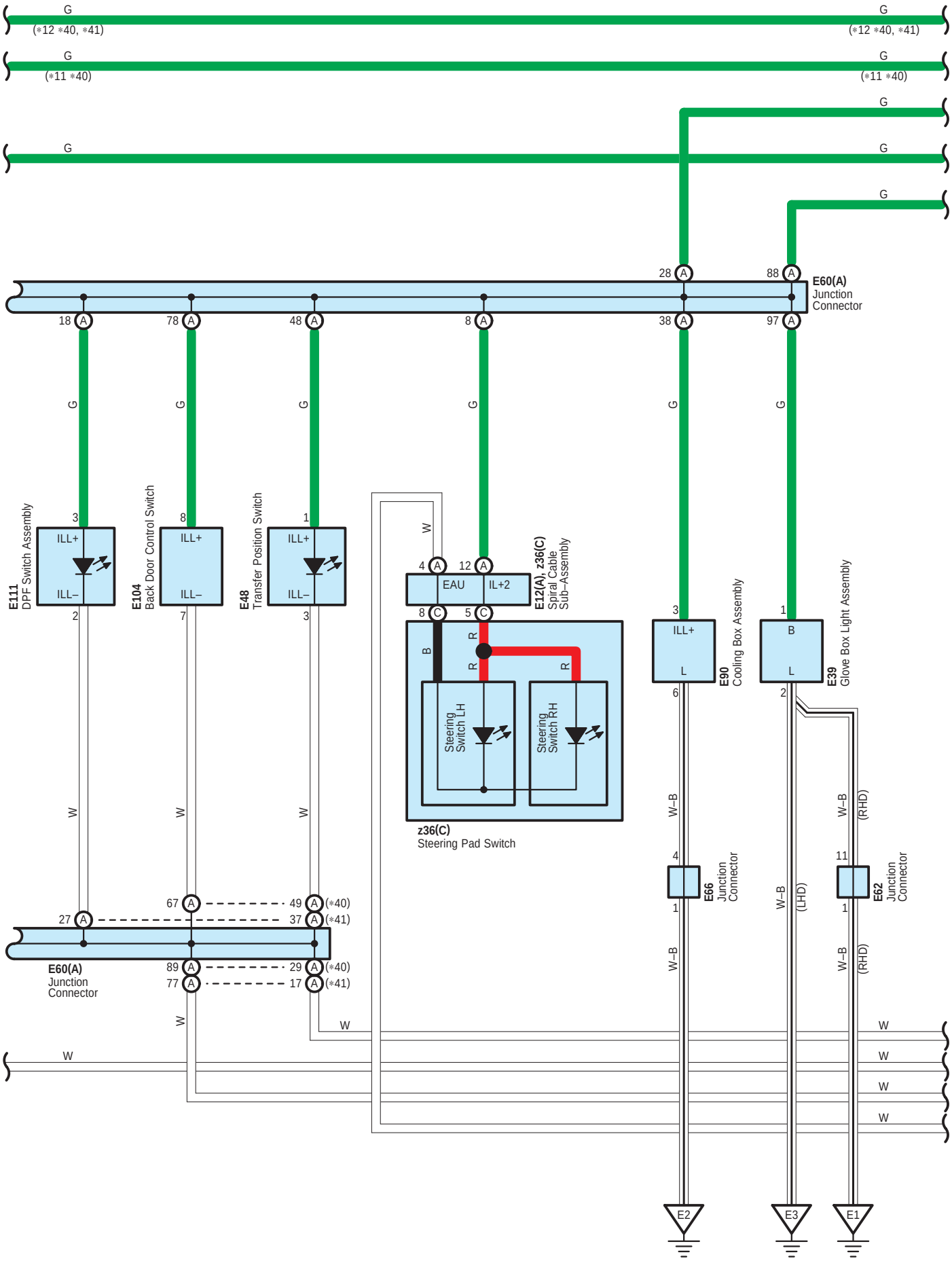

E1(A), E2(B), E3(C)
Main Body ECU
PANL
DRLE
TRLY
(BAT)
150A
LH–J/B
5A
DRL
DRL Relay(*55)
PANEL Relay(*56)
TAIL Relay
15A
TAIL
10A
PANEL
(LHD)
(RHD)
A1(A), A54(B)
Headlight Assembly LH
A10(A), A58(B)
Headlight Assembly RH
Daytime
Running Light
Front
Clearance
A2
A4

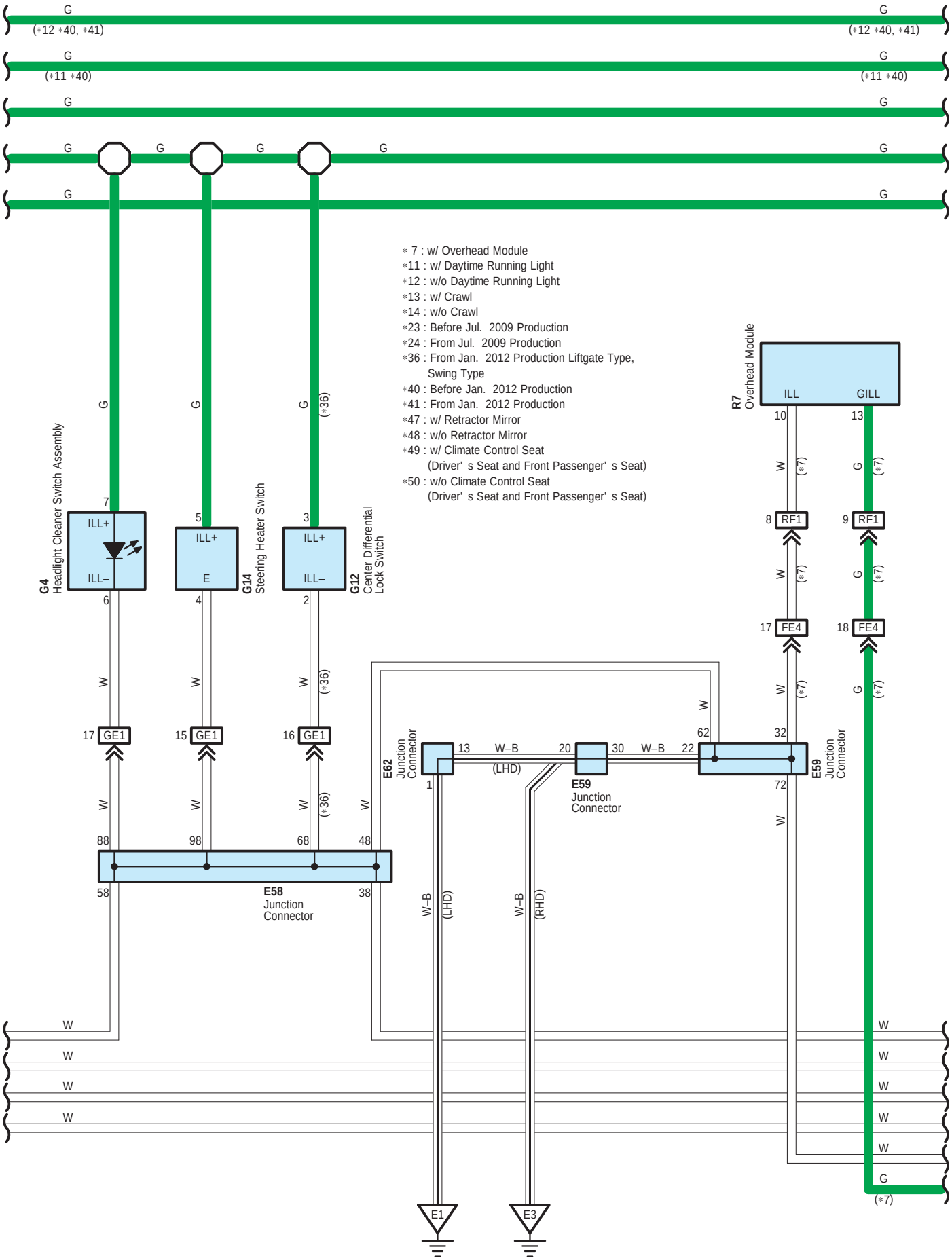

G
(∗12 ∗40, ∗41)
G
(∗11 ∗40)
G
(∗12 ∗40, ∗41)
G
(∗11 ∗40)
G
G
G
G
G
8 KL1
G
G
(∗30)
G
(∗29)
G
(∗30)
G
(∗18 ∗29)
1 nK1
1 YL1
1 hL1
G
(∗30)
G
(∗30)
G
(∗29)
G
(∗18 ∗29)
5
6
5
6
1
TL
Tail
E
4
n1
Rear Combination
Light Assembly LH
TL
Tail/Stop
E
3
K4
Rear Combination
Light Assembly LH
TL
Tail
E
6
Y1
Rear Combination
Light Assembly RH
TL
Tail/Stop
E
3
L3
Rear Combination
Light Assembly RH
2
h2
License Plate
Light Assembly RH
W–B
(∗30)
W–B
(∗29)
W–B
(∗30)
W–B
(∗29)
W–B
(∗18 ∗29)
3 nK1
3 YL1
3 hL1
W–B
(∗30)
W–B
(∗30)
W–B
(∗18 ∗29)
W–B
K2
W–B
L2
W–B
L2

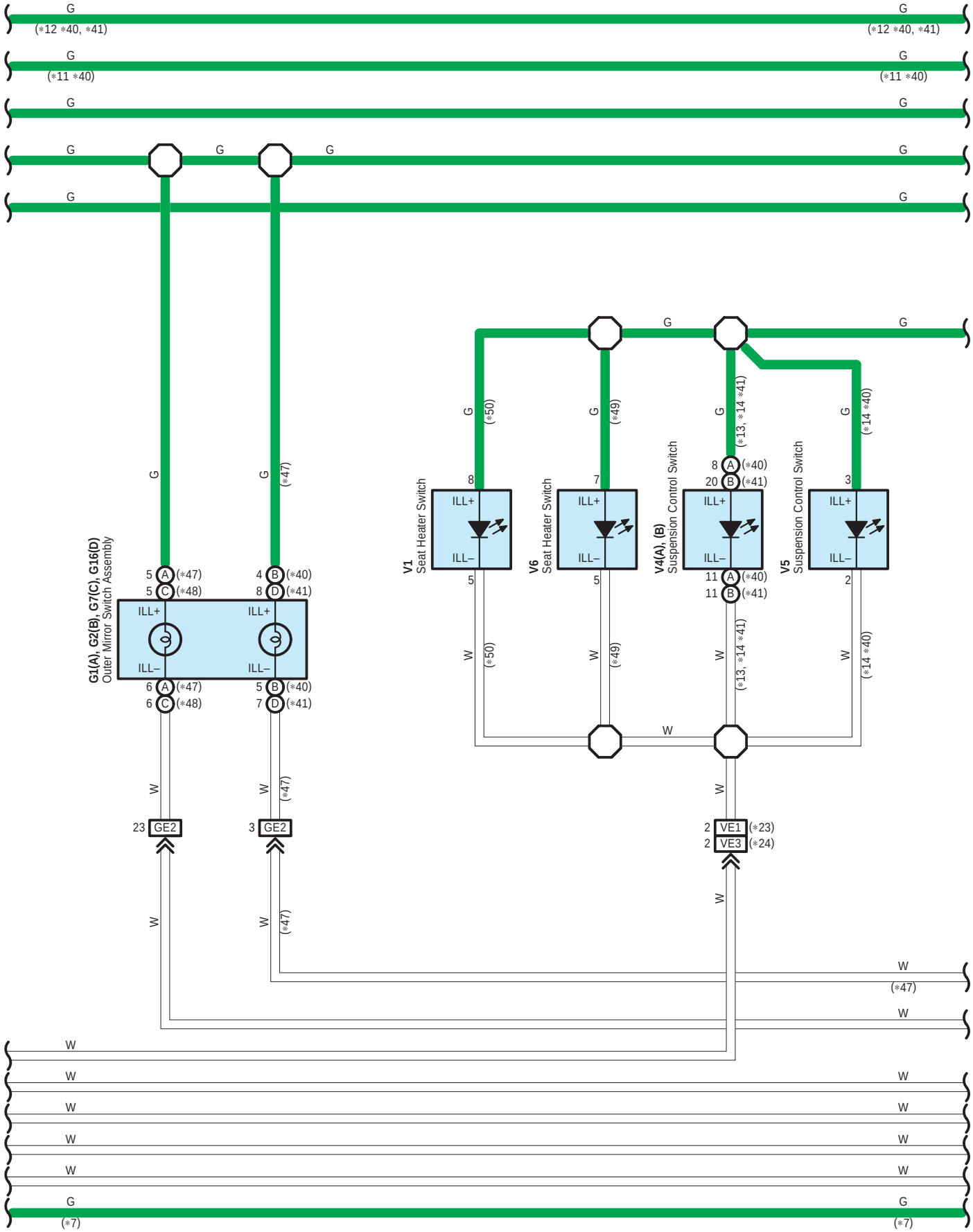

G (*12 *40, *41)
G (*12 *40, *41)
G (*11 *40)
G (*11 *40)
*11 : w/ Daytime Running Light
*12 : w/o Daytime Running Light
*18 : Spare Tire Back Door Mounted
*19 : Except Spare Tire Back Door Mounted
*29 : Liftgate Type
*30 : Swing Type
*40 : Before Jan. 2012 Production
*41 : From Jan. 2012 Production
G9(A), G17(B) Headlight Leveling Switch
ILL+
E(*40)
ILL–(*41)
W2 License Plate Light Assembly
S3 License Plate Light Assembly LH
S2 License Plate Light Assembly RH
S12 Rear Light Assembly RH
S11 Rear Light Assembly LH
Tail
S27 Junction Connector
S16 Junction Connector
S15 Junction Connector
E59 Junction Connector
E62 Junction Connector
WK2
SK2
SK1
GE2
K1
K2
E3
E1
W–B
LA
LA–L
L
(RHD)
(LHD)

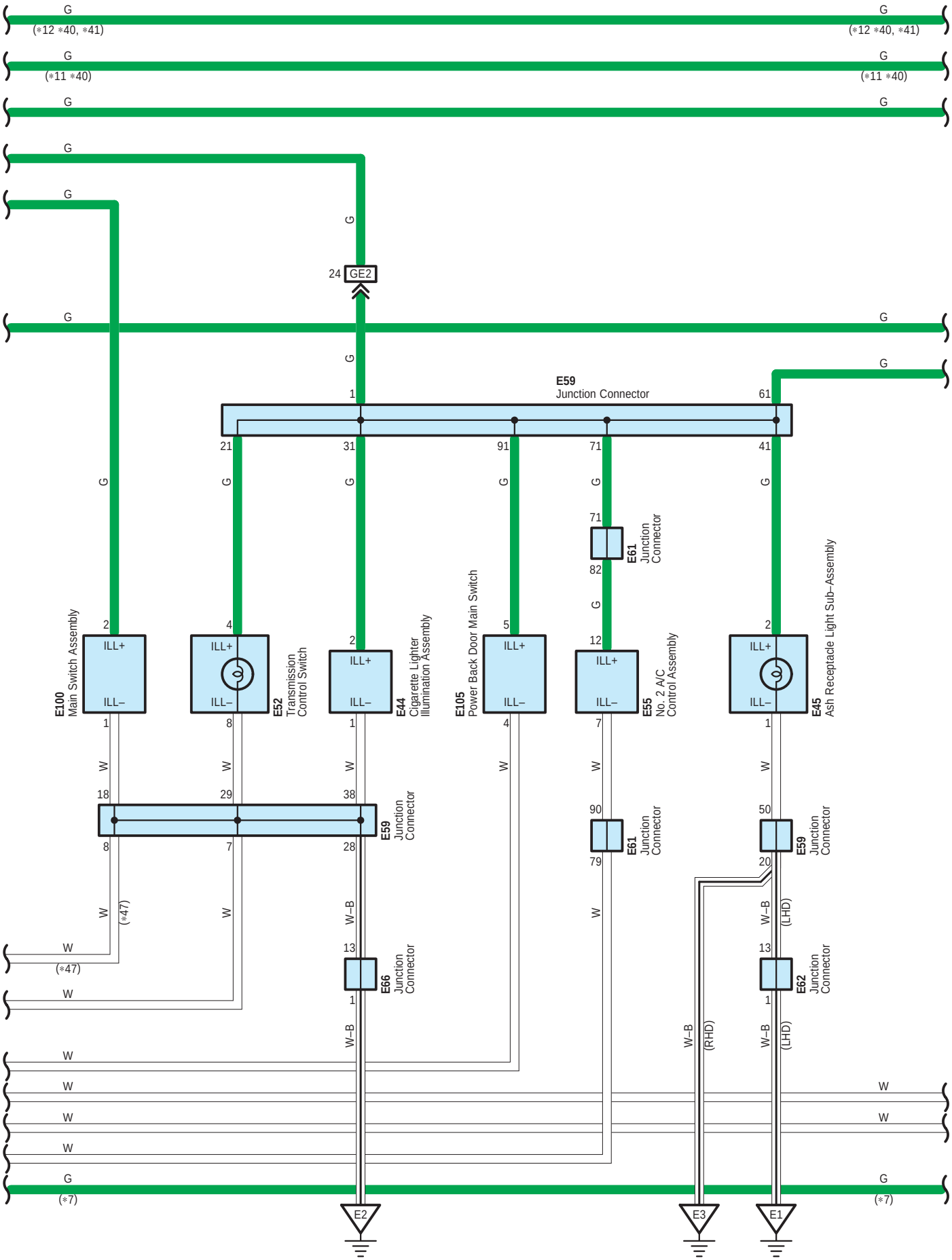


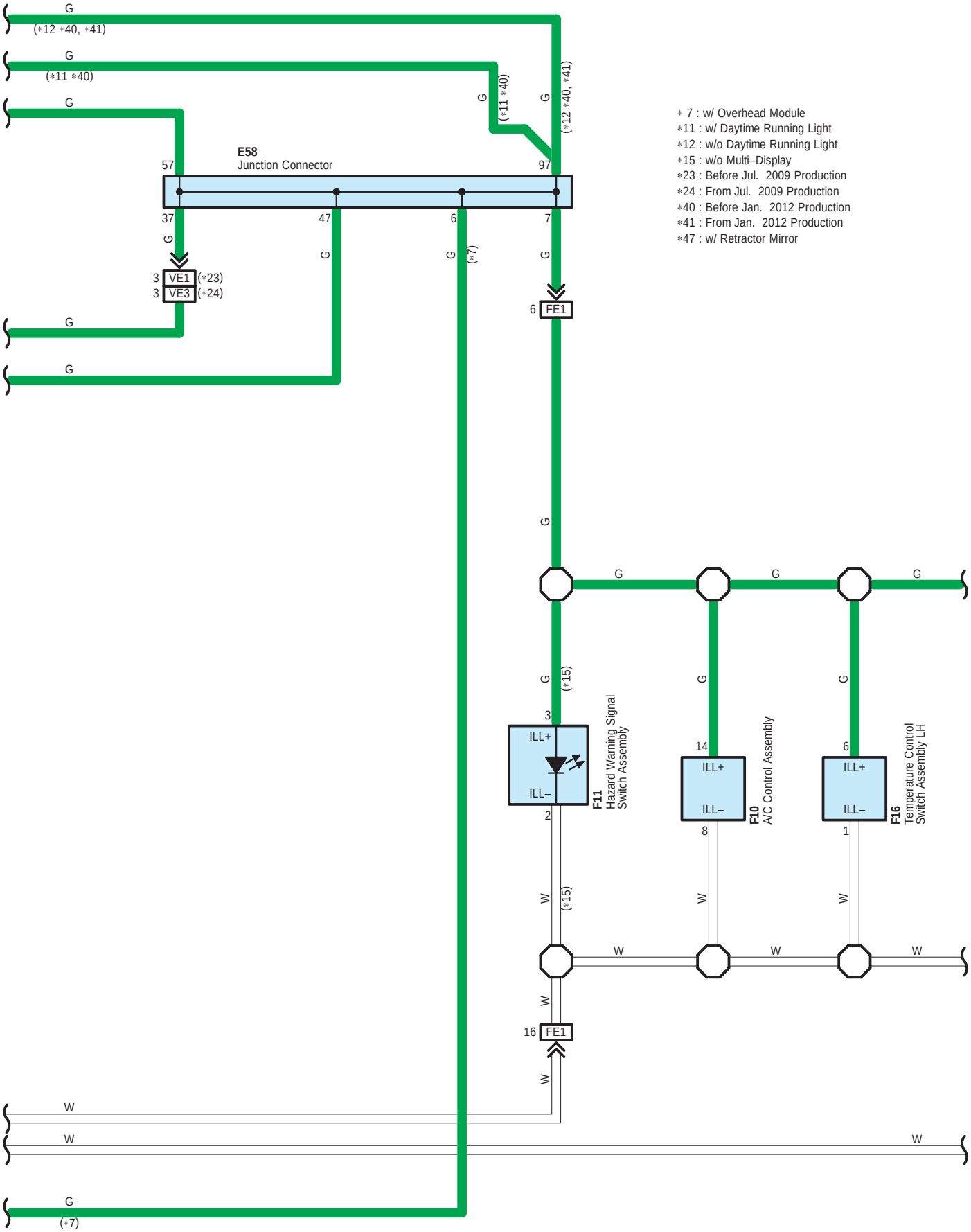
∗11 : w/ Daytime Running Light
∗12 : w/o Daytime Running Light
∗28 : w/ Curtain Shield Airbag
∗29 : Liftgate Type
∗30 : Swing Type
∗33 : Before Jan. 2012 Production w/ Viscous Heater
∗34 : From Jan. 2012 Production w/ Viscous Heater 1VD–FTV w/o DPF
∗40 : Before Jan. 2012 Production
∗41 : From Jan. 2012 Production
∗44 : w/ Viscous Heater 1VD–FTV w/ DPF


G
(*12 *40, *41)
G
(*11 *40)
28 A
88 A
E60(A)
Junction
Connector
18 A
78 A
48 A
8 A
38 A
97 A
E111
DPF Switch Assembly
E104
Back Door Control Switch
E48
Transfer Position Switch
ILL+
ILL–
E12(A), z36(C)
Spiral Cable
Sub-Assembly
EAU
IL+2
z36(C)
Steering Pad Switch
Steering Switch LH
Steering Switch RH
E90
Cooling Box Assembly
E39
Glove Box Light Assembly
E66
Junction
Connector
E62
Junction
Connector
W-B
(RHD)
(LHD)
W
67 A
49 A (*40)
27 A
37 A (*41)
89 A
29 A (*40)
77 A
17 A (*41)
E2
E3
E1

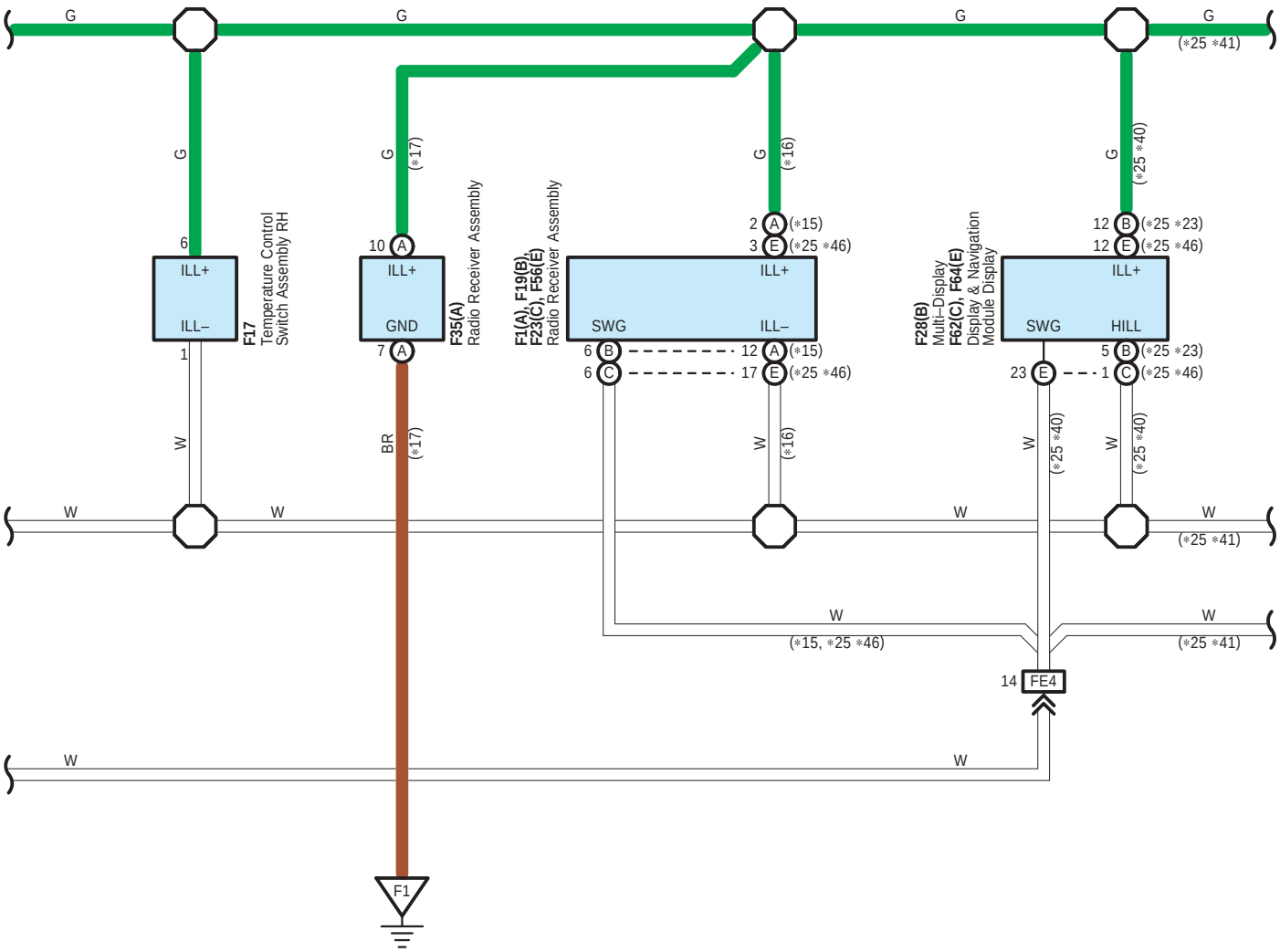

G
(∗12 ∗40, ∗41)
(∗11 ∗40)
∗ 7 : w/ Overhead Module
∗11 : w/ Daytime Running Light
∗12 : w/o Daytime Running Light
∗13 : w/ Crawl
∗14 : w/o Crawl
∗23 : Before Jul. 2009 Production
∗24 : From Jul. 2009 Production
∗36 : From Jan. 2012 Production Liftgate Type, Swing Type
∗40 : Before Jan. 2012 Production
∗41 : From Jan. 2012 Production
∗47 : w/ Retractor Mirror
∗48 : w/o Retractor Mirror
∗49 : w/ Climate Control Seat (Driver' s Seat and Front Passenger' s Seat)
∗50 : w/o Climate Control Seat (Driver' s Seat and Front Passenger' s Seat)
R7 Overhead Module
ILL
GILL
G4 Headlight Cleaner Switch Assembly
ILL+
ILL−
G14 Steering Heater Switch
E
G12 Center Differential Lock Switch
RF1
FE4
GE1
E58 Junction Connector
E62 Junction Connector
E59 Junction Connector
W–B
(LHD)
(RHD)
E1
E3

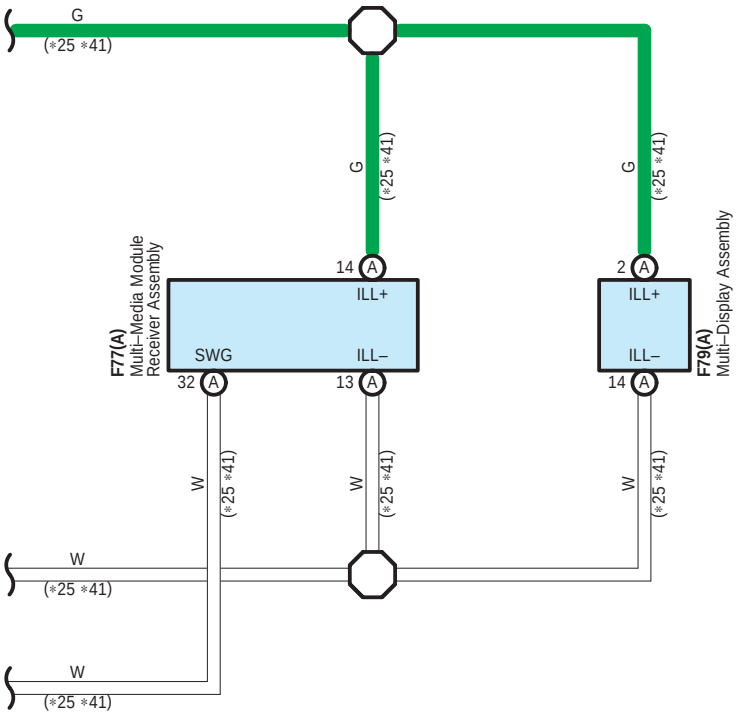

G
(*12 *40, *41)
G
(*11 *40)
G
(*47)
(*50)
(*49)
(*13, *14 *41)
(*14 *40)
(*48)
(*40)
(*41)
(*23)
(*24)
W
(*7)
G1(A), G2(B), G7(C), G16(D)
Outer Mirror Switch Assembly
ILL+
ILL–
V1
Seat Heater Switch
V6
Seat Heater Switch
V4(A), (B)
Suspension Control Switch
V5
Suspension Control Switch
GE2
VE1
VE3


G
(*12 *40, *41)
G
(*11 *40)
24 GE2
E59
Junction Connector
1
61
21
31
91
71
41
E100
Main Switch Assembly
E52
Transmission
Control Switch
E44
Cigarette Lighter
Illumination Assembly
E105
Power Back Door Main Switch
E55
No. 2 A/C
Control Assembly
E45
Ash Receptacle Light Sub–Assembly
ILL+
ILL–
E61
Junction
Connector
82
E59
Junction
Connector
18
29
38
8
7
28
E66
Junction
Connector
90
79
50
20
E62
Junction
Connector
13
W
W–B
(*47)
(LHD)
(RHD)
(*7)
E2
E3
E1

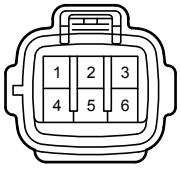

G
(∗12 ∗40, ∗41)
G
(∗11 ∗40)
G
E58
Junction Connector
57
97
37
47
6
7
3 VE1 (∗23)
3 VE3 (∗24)
6 FE1
(∗11 ∗40)
(∗12 ∗40, ∗41)
(∗7)
(∗15)
∗ 7 : w/ Overhead Module
∗11 : w/ Daytime Running Light
∗12 : w/o Daytime Running Light
∗15 : w/o Multi–Display
∗23 : Before Jul. 2009 Production
∗24 : From Jul. 2009 Production
∗40 : Before Jan. 2012 Production
∗41 : From Jan. 2012 Production
∗47 : w/ Retractor Mirror
3
ILL+
ILL–
2
F11
Hazard Warning Signal Switch Assembly
14
8
F10
A/C Control Assembly
6
1
F16
Temperature Control Switch Assembly LH
W
16 FE1
(∗7)

∗15 : w/o Multi–Display
∗16 : w/ Stereo Component Amplifier
∗17 : w/o Stereo Component Amplifier
∗23 : Before Jul. 2009 Production
∗25 : w/ Multi–Display
∗40 : Before Jan. 2012 Production
∗41 : From Jan. 2012 Production
∗46 : From Jul. 2009 Production until Jan. 2012 Production




G
(∗25 ∗41)
G
(∗25 ∗41)
G
(∗25 ∗41)
F77(A)
Multi–Media Module
Receiver Assembly
14
A
ILL+
SWG
ILL–
32
A
13
A
2
A
ILL+
ILL–
14
A
F79(A)
Multi–Display Assembly
W
(∗25 ∗41)
W
(∗25 ∗41)
W
(∗25 ∗41)
W
(∗25 ∗41)
W
(∗25 ∗41)

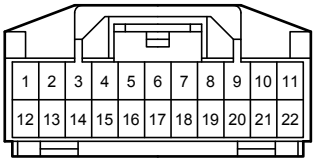
A 1
Gray



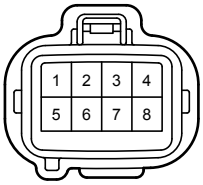
A 10
Gray



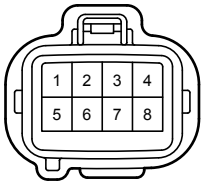
A 37
Blue



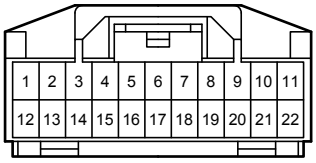
A 54
Black



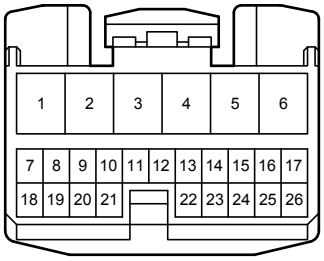
A 58
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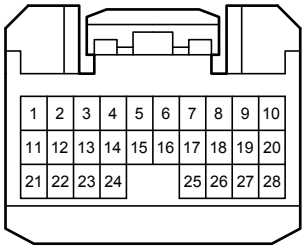
C 44
Blue



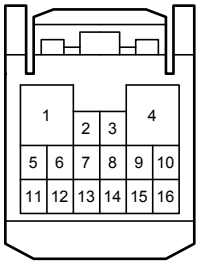
E 1
White



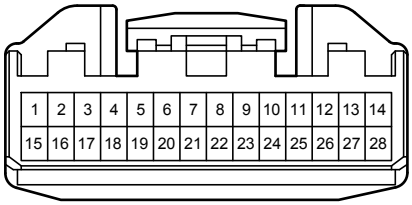
E 2
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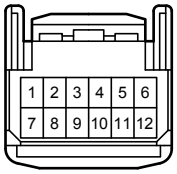
E 3
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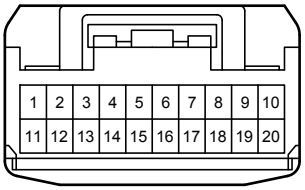
E 7
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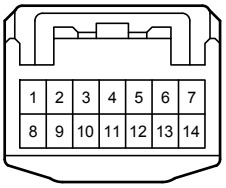
E 12
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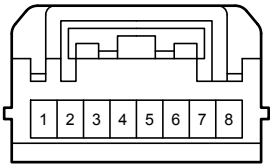
E 14
White



E 18
Black



E 25
Black



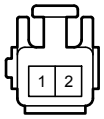
E 39
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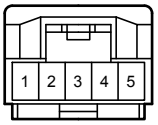
E 44
Gray



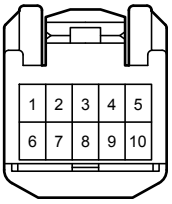
E 45
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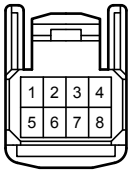
E 48
Black



E 49
White



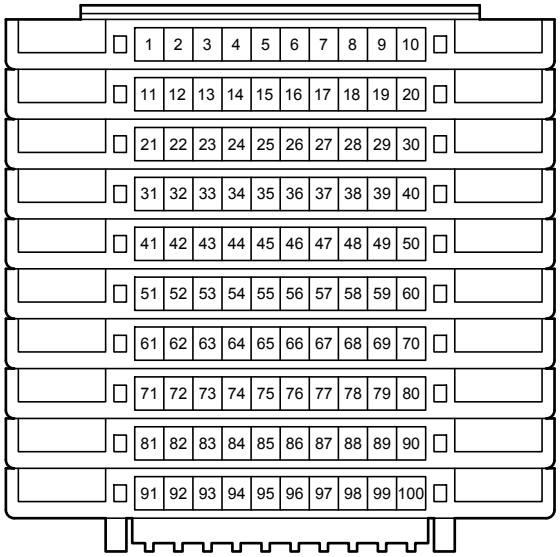
E 52
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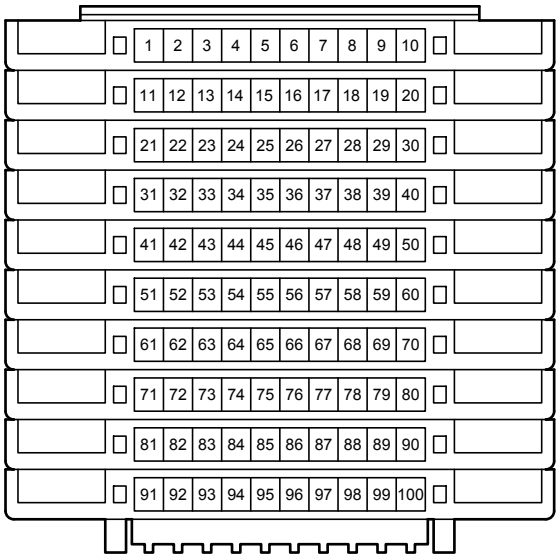
E 55
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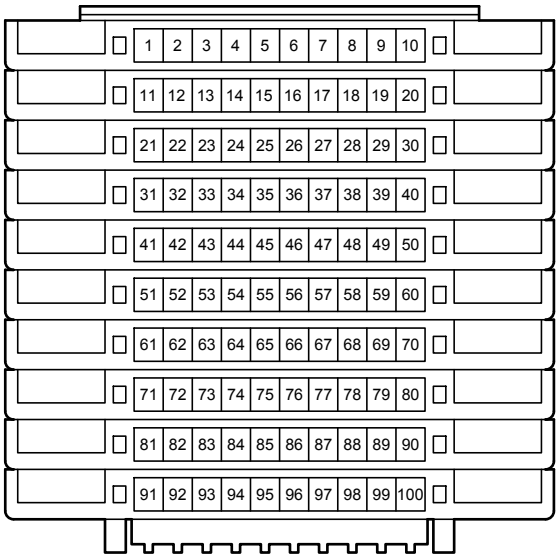
E 58



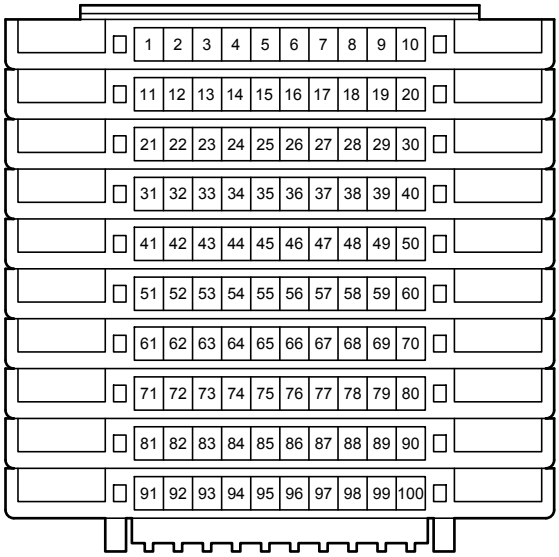
E 59



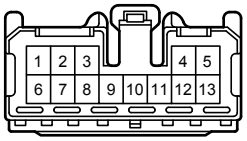
E 60



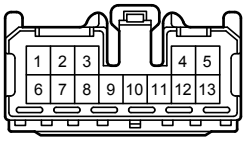
E 61



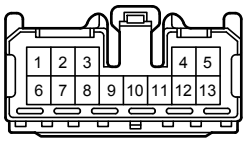
E 62
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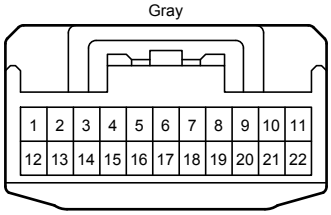
E 66
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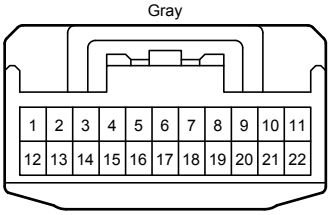
E 67
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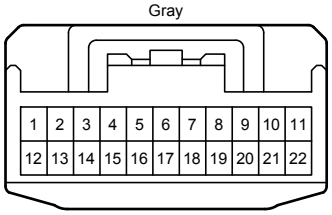
E 69
Gray



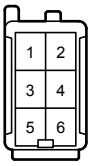
E 72
Gray



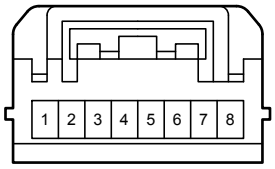
E 75
Gray



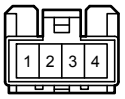
E 90
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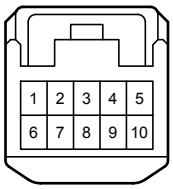
E 97
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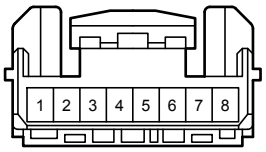
E100
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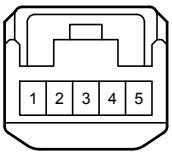
E104
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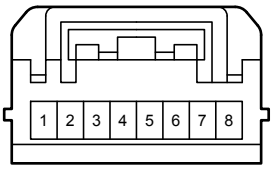
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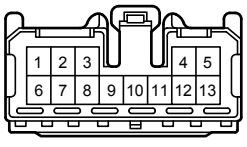
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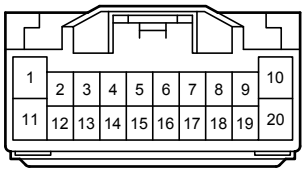
E112
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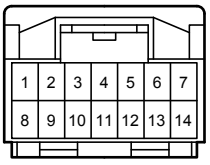
E115
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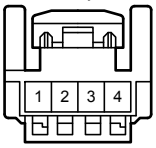
F 1
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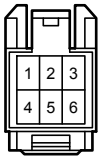
F 10
White



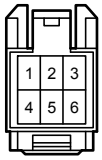
F 11
Gray



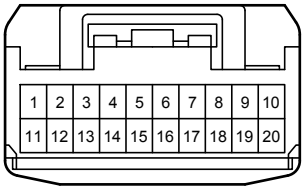
F 16
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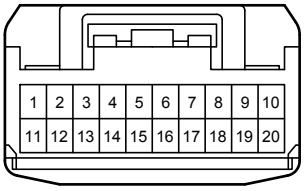
F 17
White



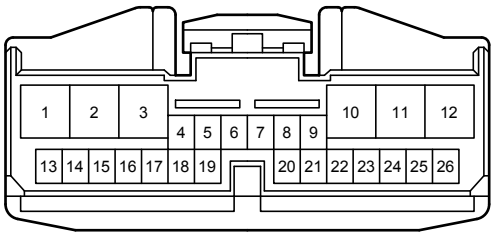
F 19
White



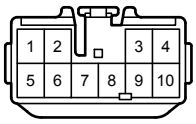
F 23
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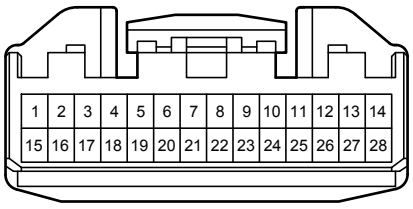
F 28
White



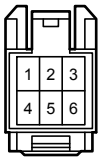
F 35
White



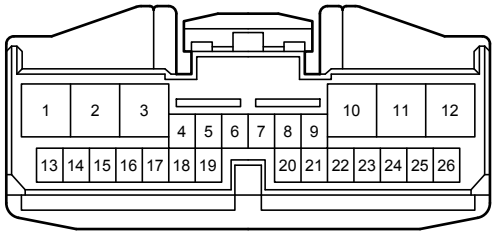
F 56
White



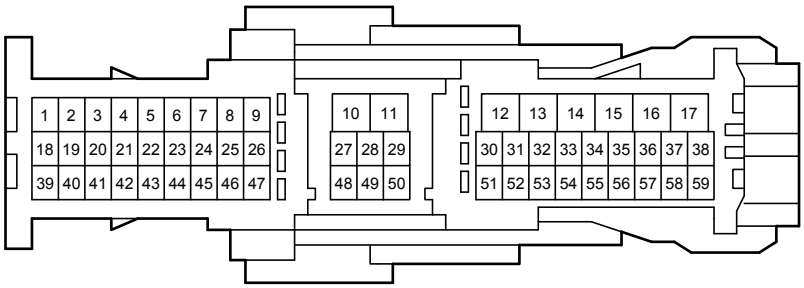
F 62
Blue



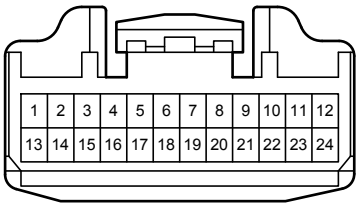
F 64
White



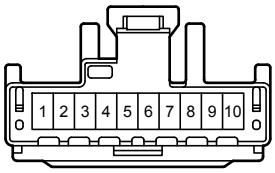
F 77
White



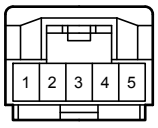
F 79
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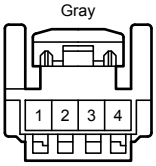
G 1
Black



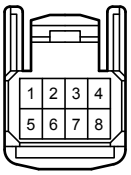
G 2
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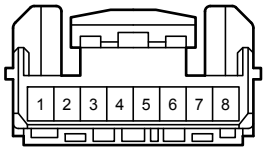
G 3
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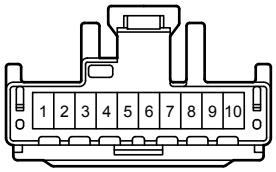
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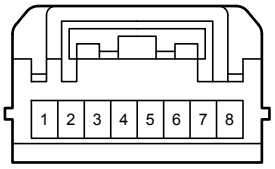
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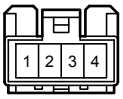
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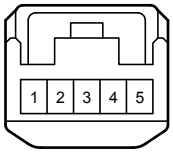
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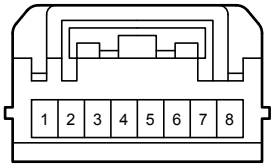
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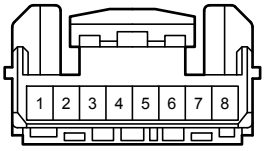
G 12
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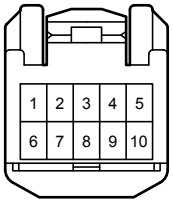
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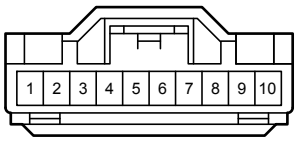
G 14
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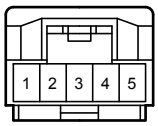
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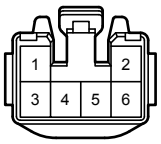
G 16
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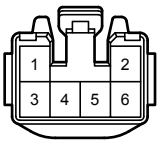
G 17
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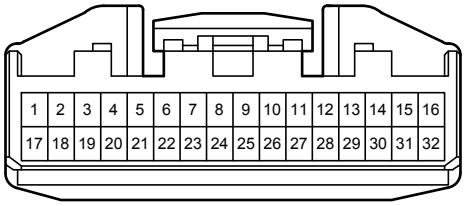
K 4
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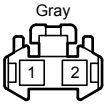
L 3
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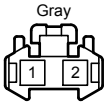
R 7
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S 2
Gray



S 3
Gray



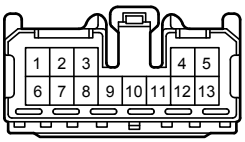
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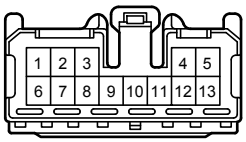
S 12
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S 15
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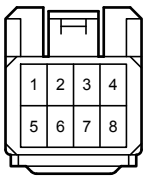
S 16
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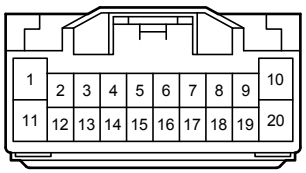
S 27
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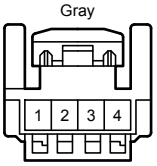
V 1
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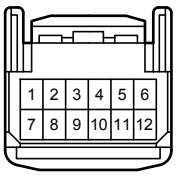
V 4
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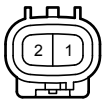
V 5
Gray



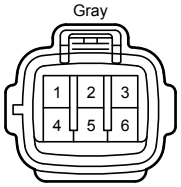
V 6
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W 2
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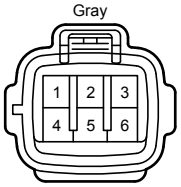
Y 1
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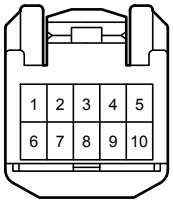
h 2
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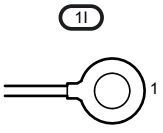
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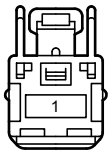
z 36
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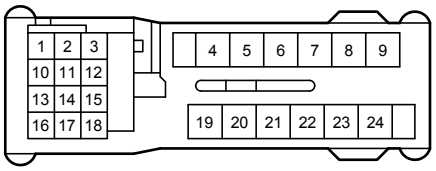
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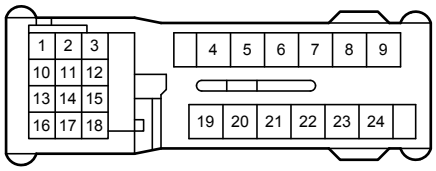
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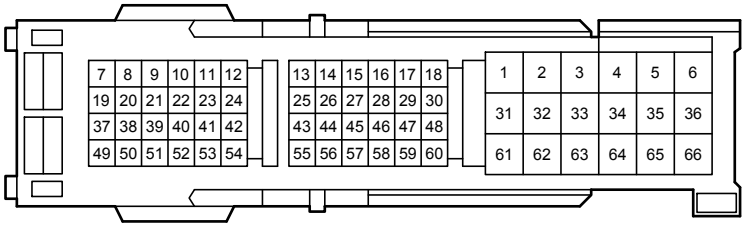
2B
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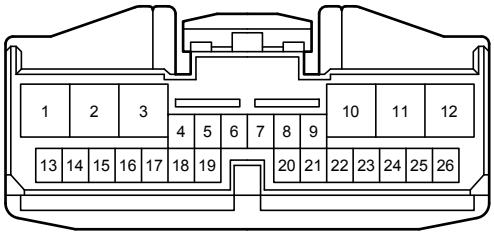
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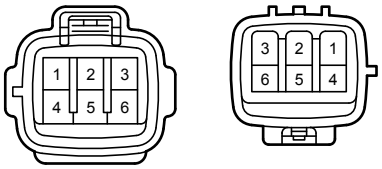
2D
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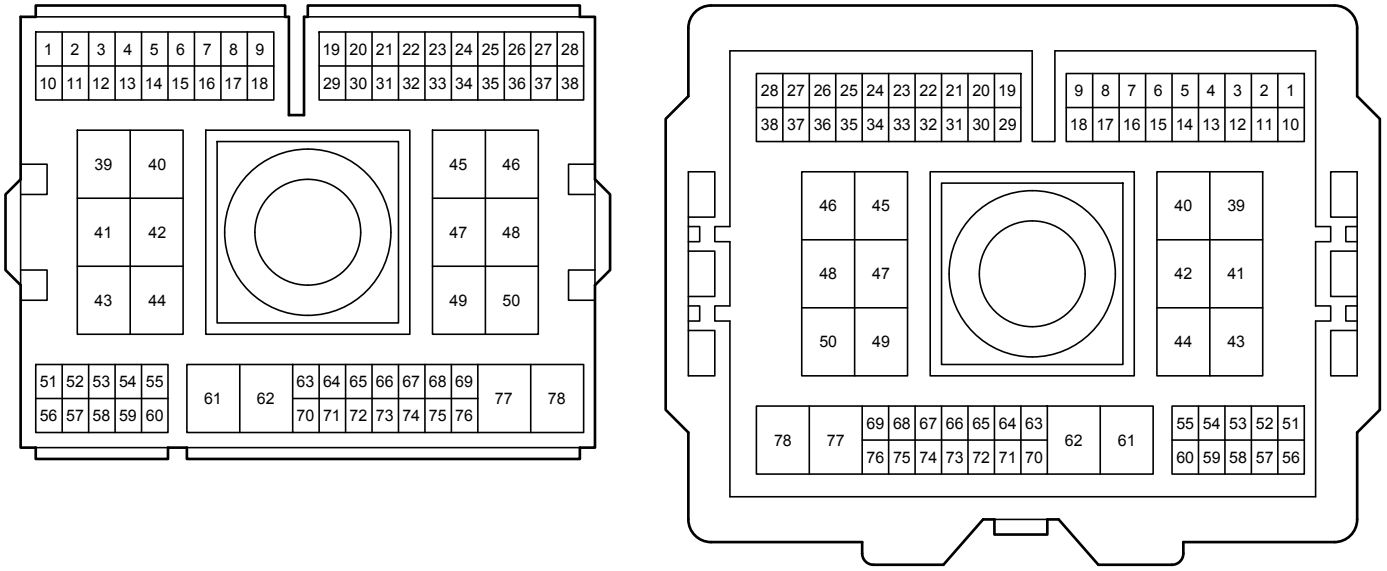
3C
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AA3
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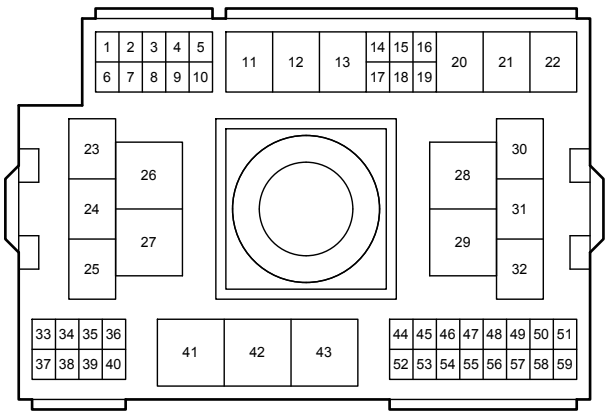


EA1
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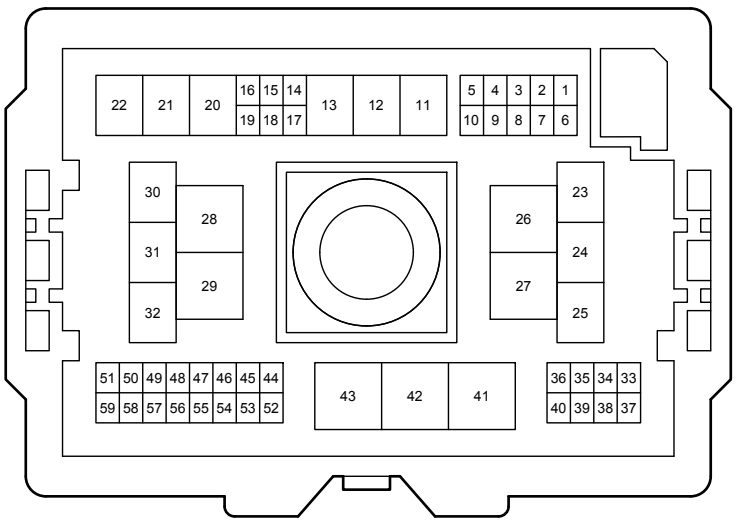


EA2

White

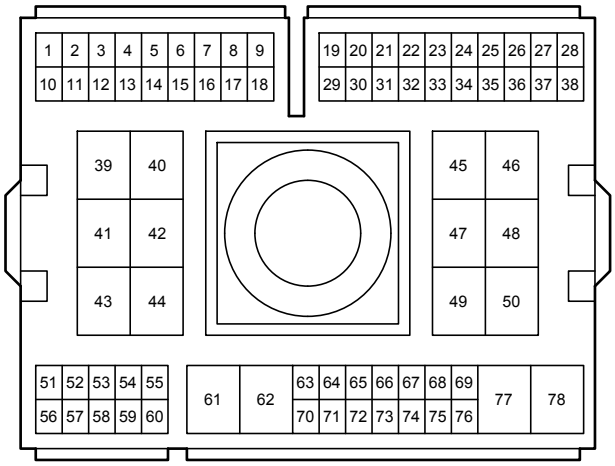


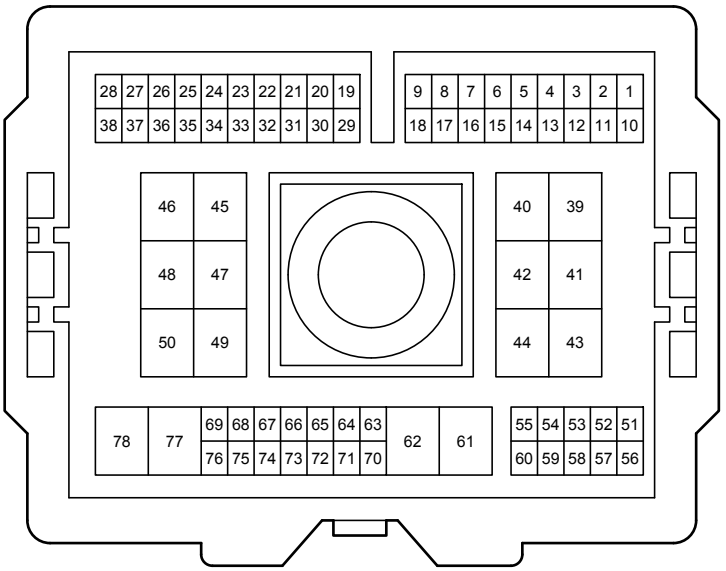
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EA3

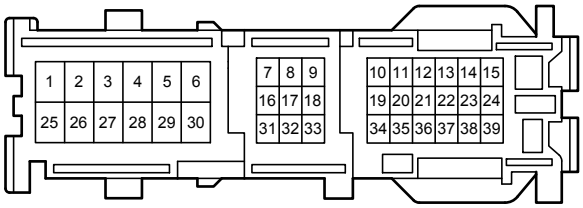
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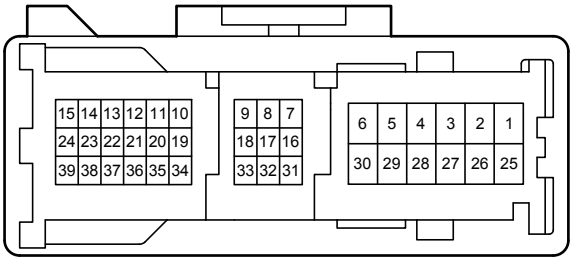




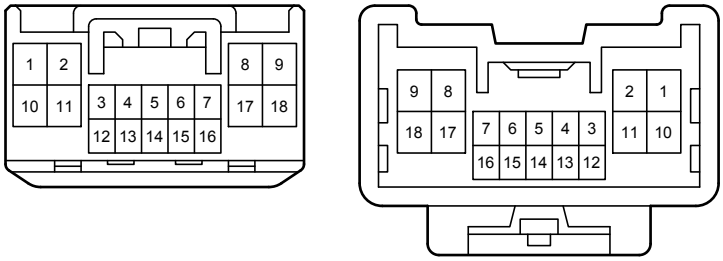
EA4

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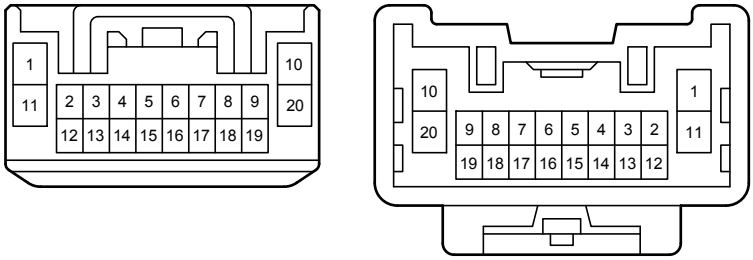




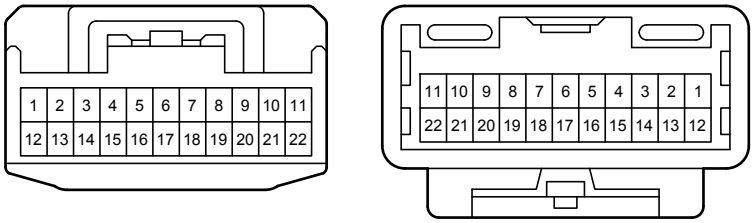
FE1
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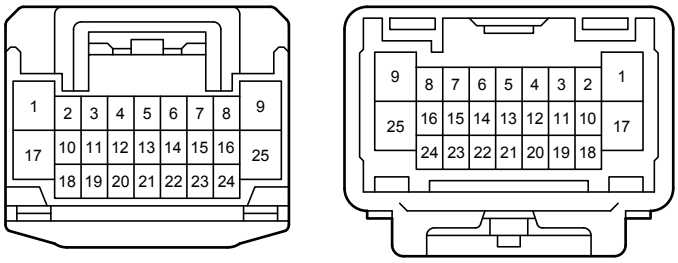
FE4
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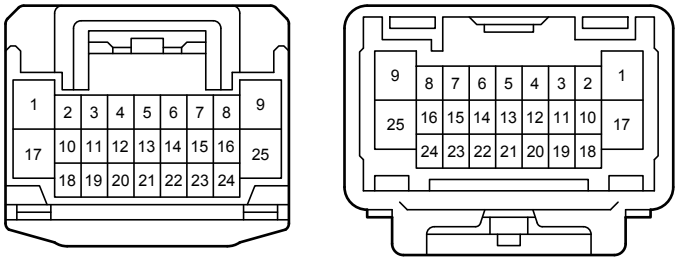
GE1
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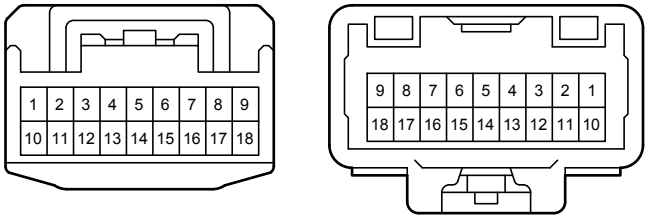
GE2
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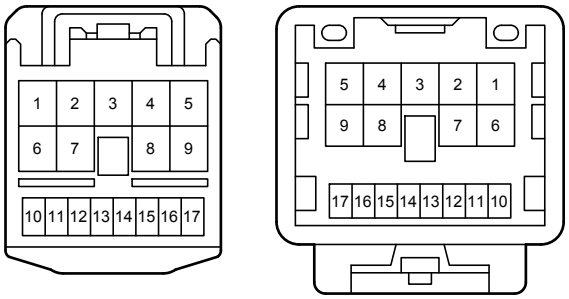
KL1
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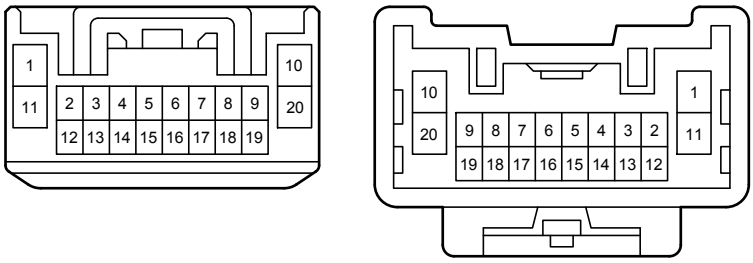
RF1
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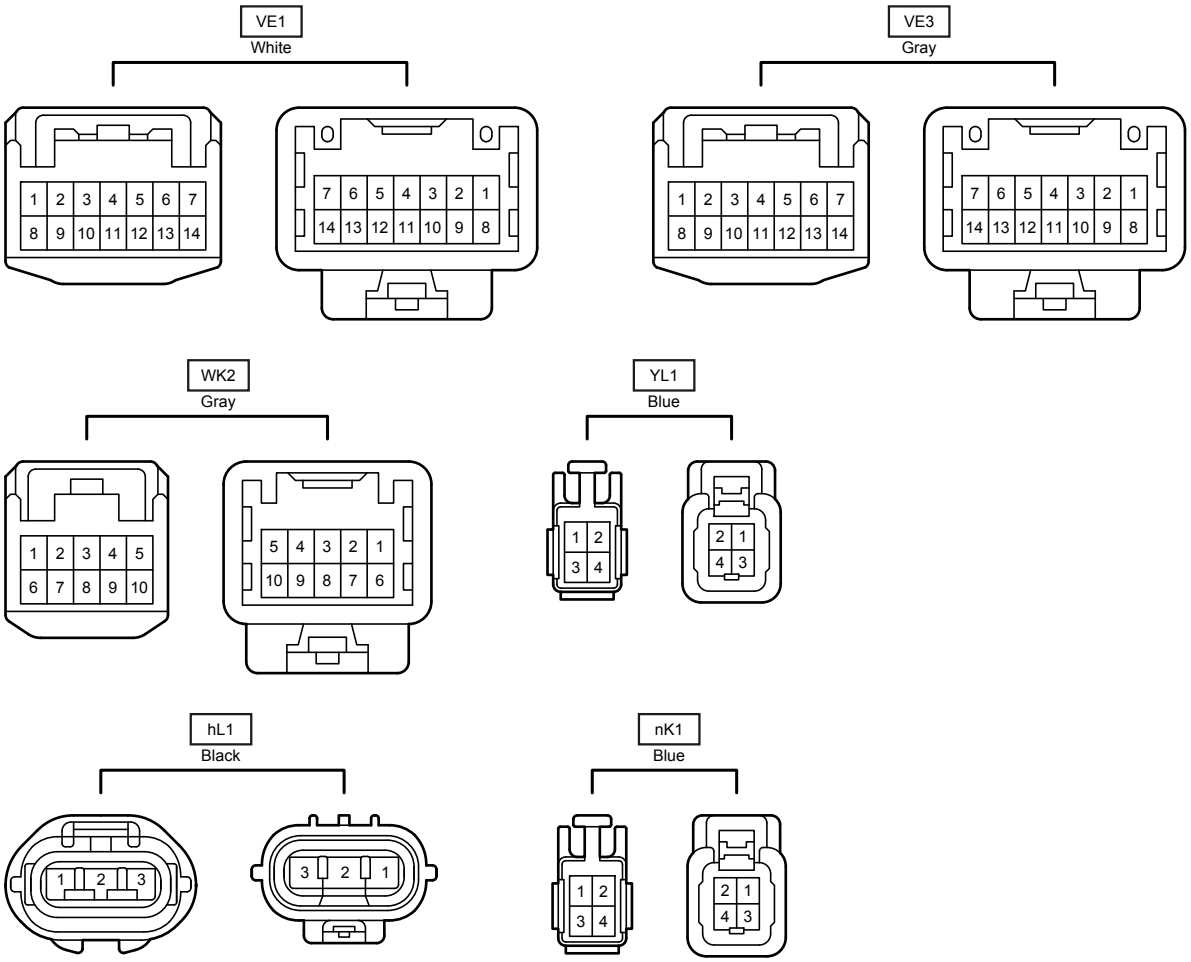


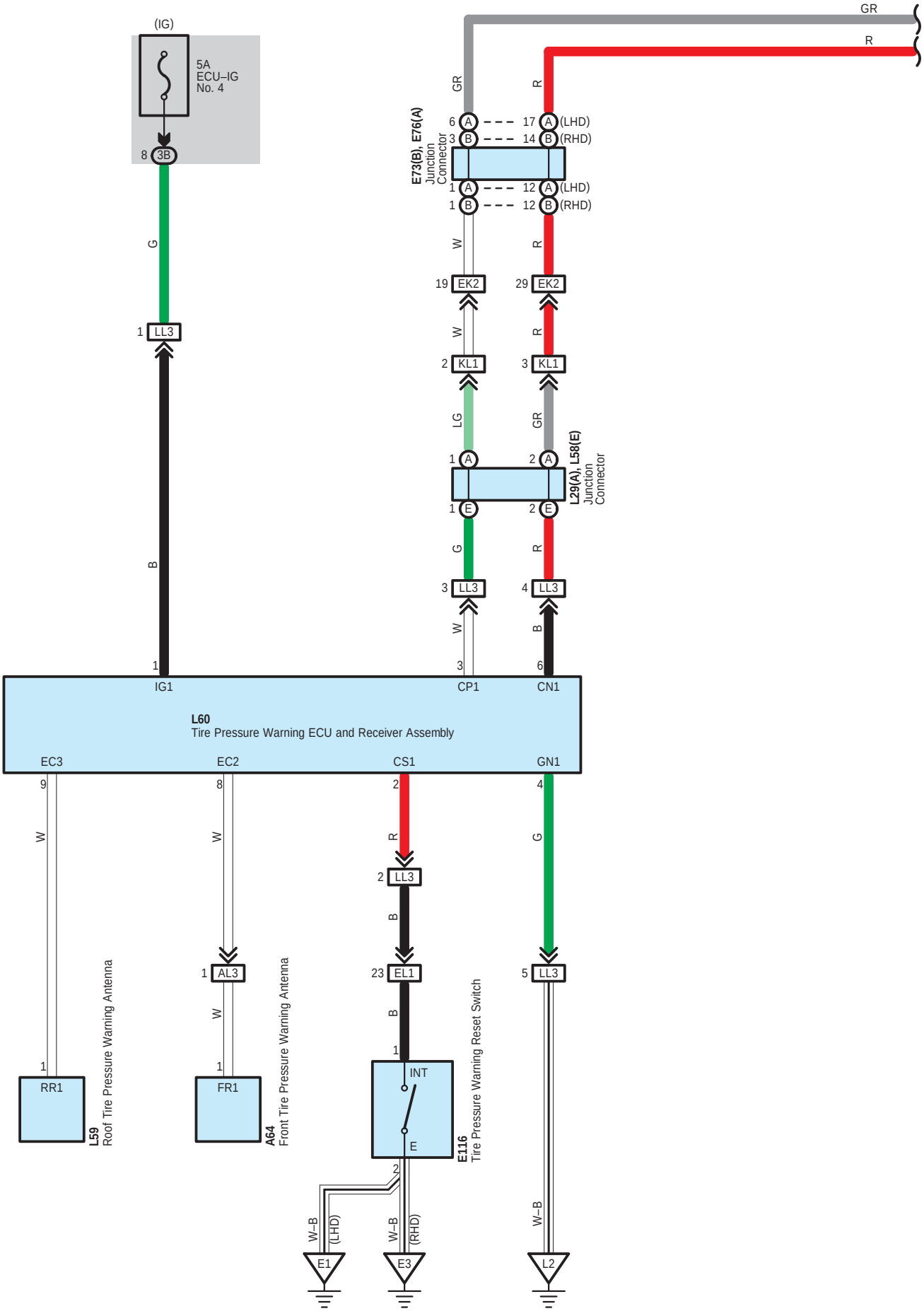
SK1
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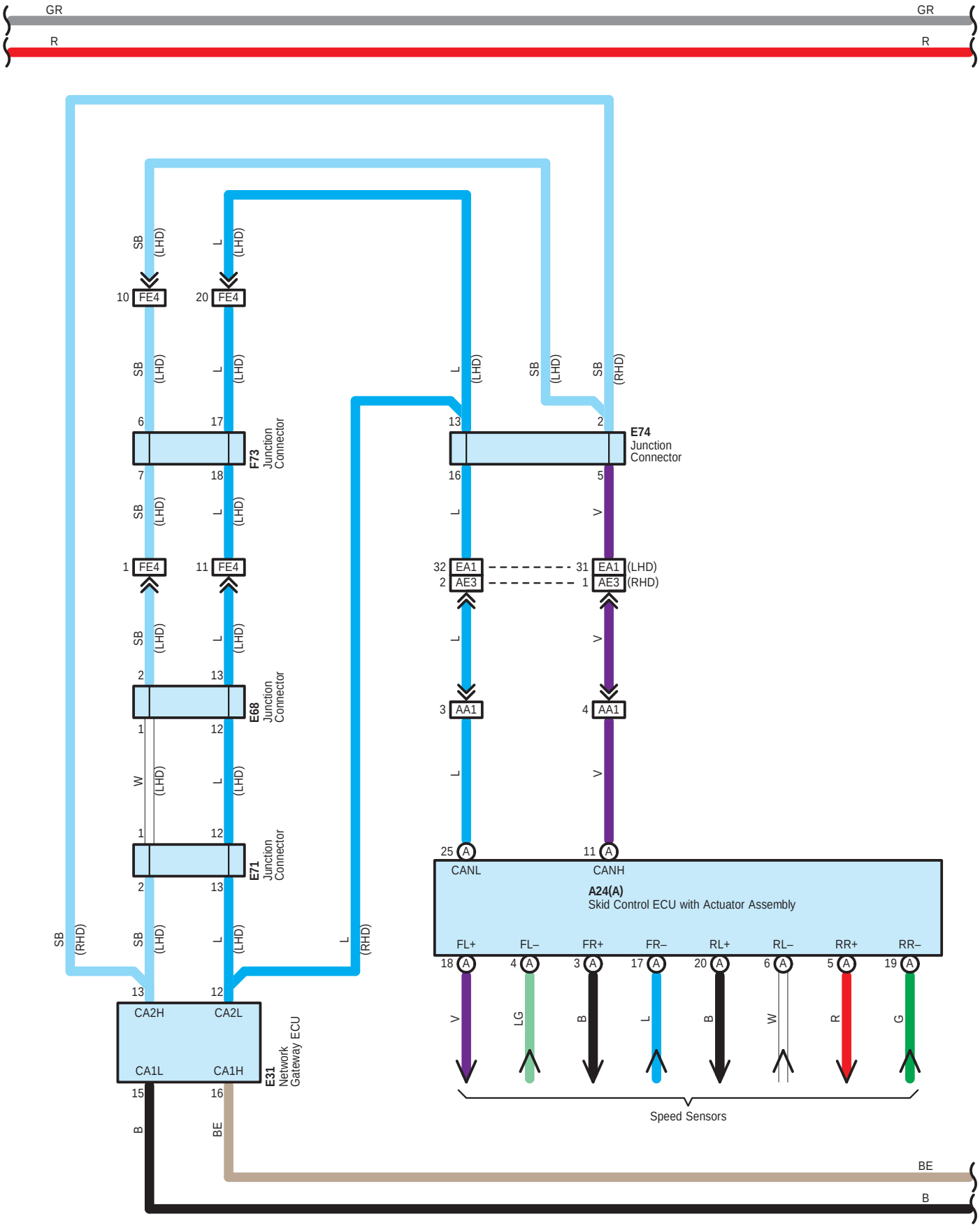


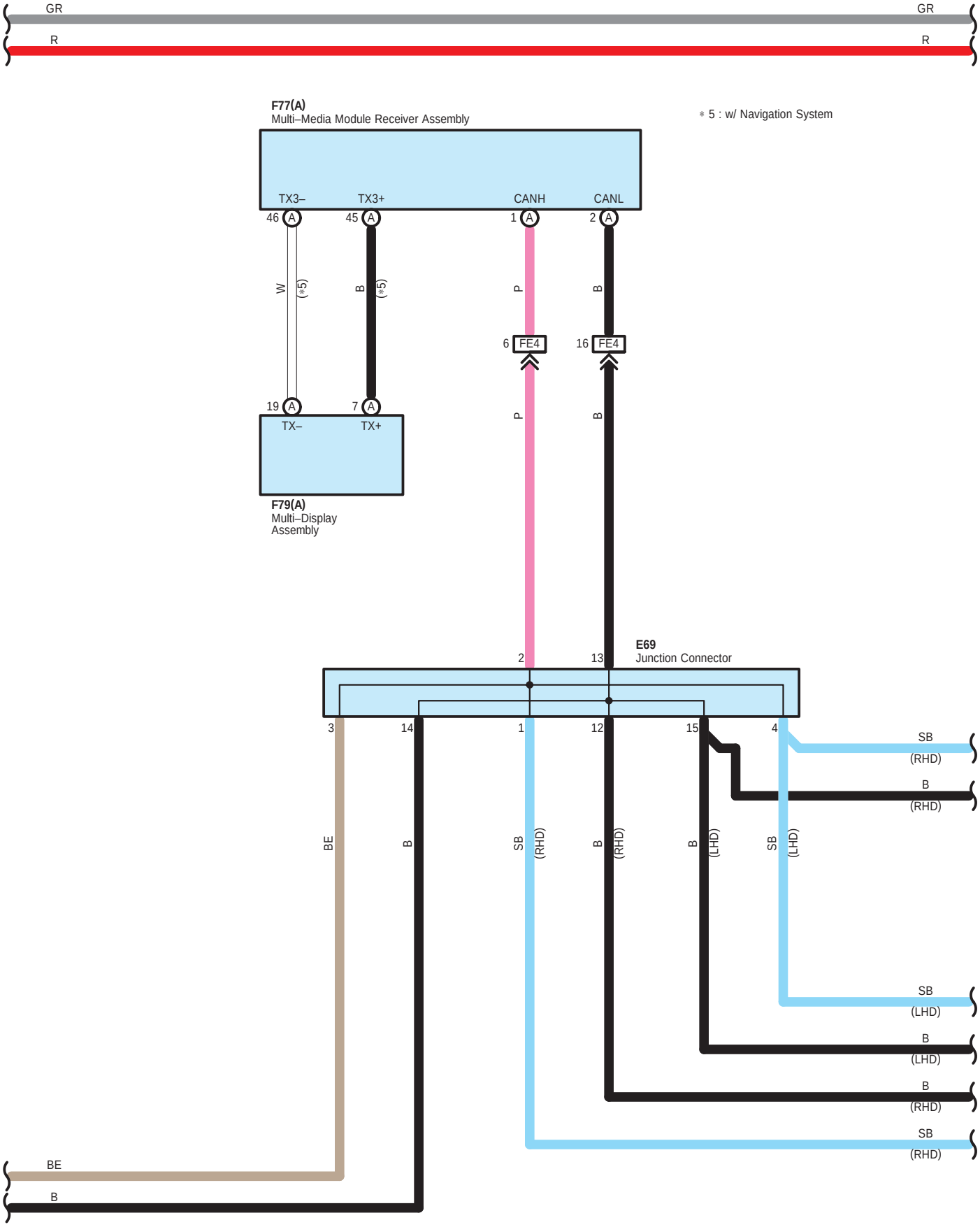
SK2
Blue

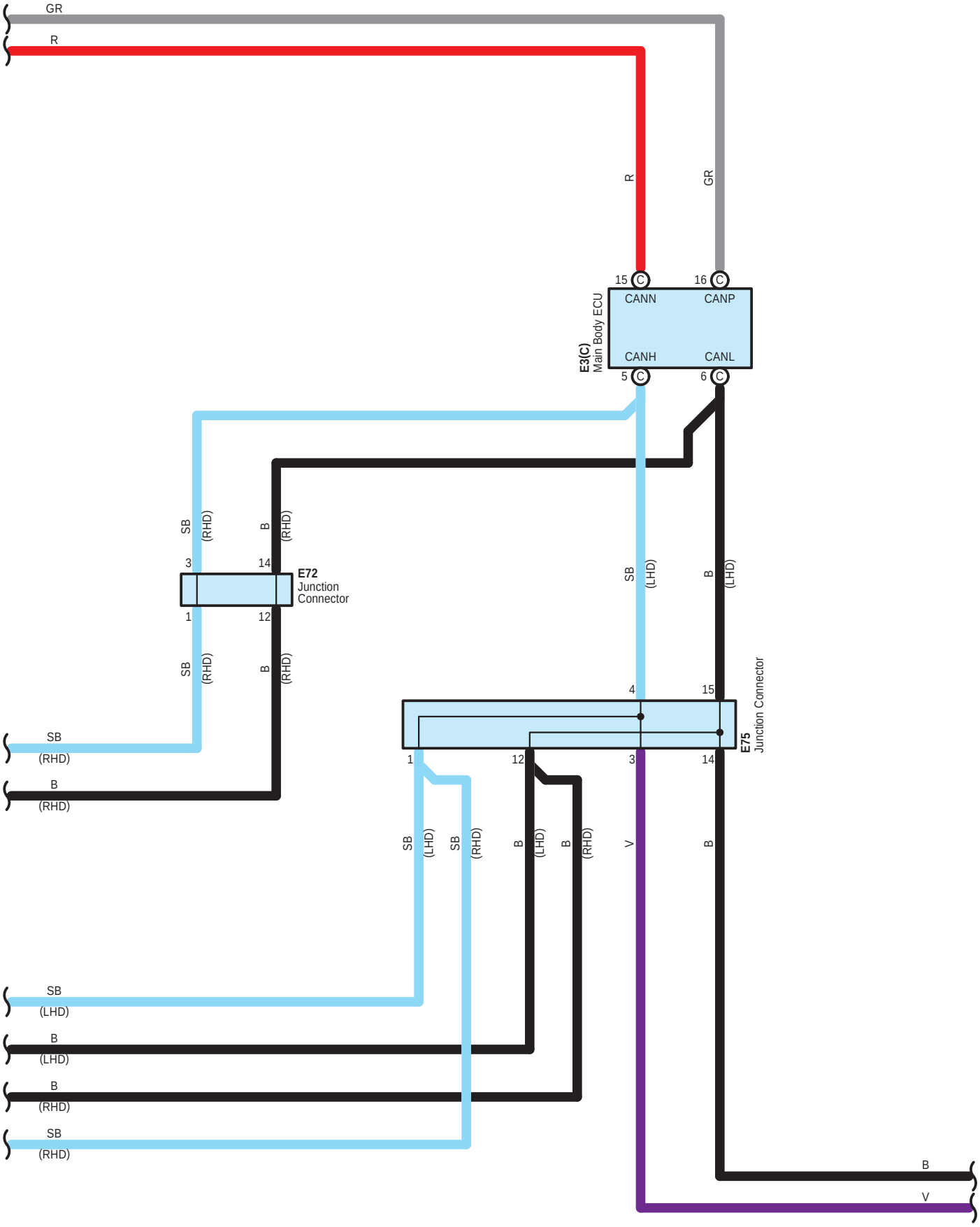


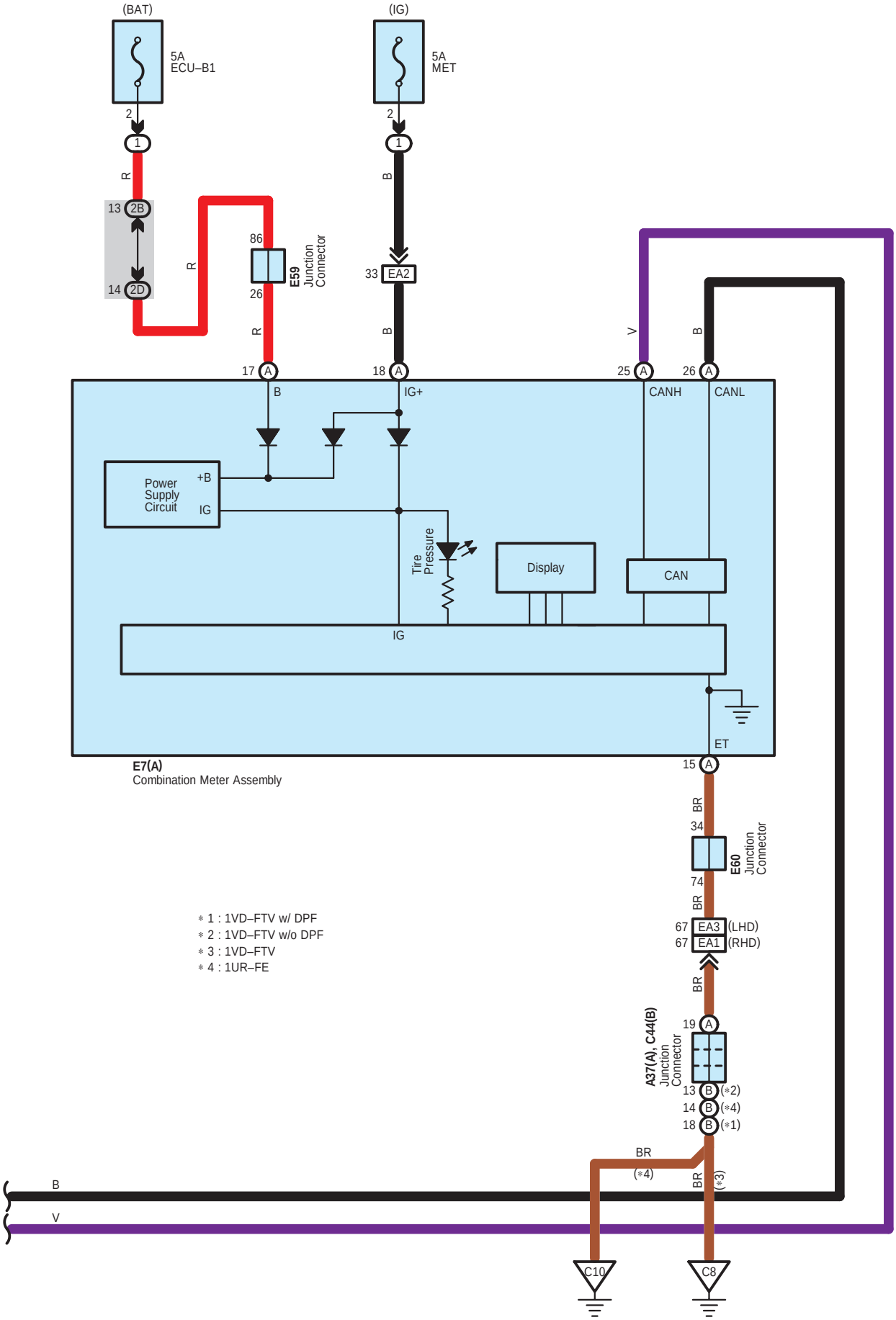

VE1
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1 2 3 4 5 6 7
8 9 10 11 12 13 14
7 6 5 4 3 2 1
14 13 12 11 10 9 8
VE3
Gray
1 2 3 4 5 6 7
8 9 10 11 12 13 14
7 6 5 4 3 2 1
14 13 12 11 10 9 8
WK2
Gray
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
YL1
Blue
1 2
3 4
2 1
4 3
hL1
Black
1 2 3
3 2 1
nK1
Blue
1 2
3 4
2 1
4 3


(IG)
5A
ECU–IG
No. 4
8 3B
G
1 LL3
B
1
IG1
GR
R
E73(B), E76(A)
Junction
Connector
6 A 17 A (LHD)
3 B 14 B (RHD)
1 A 12 A (LHD)
1 B 12 B (RHD)
W
R
19 EK2
29 EK2
W
R
2 KL1
3 KL1
LG
GR
1 A 2 A
1 E 2 E
L29(A), L58(E)
Junction
Connector
G
R
3 LL3
4 LL3
W
B
3
CP1
6
CN1
L60
Tire Pressure Warning ECU and Receiver Assembly
EC3
EC2
CS1
GN1
9
W
1
RR1
L59
Roof Tire Pressure Warning Antenna
8
W
1 AL3
W
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FR1
A64
Front Tire Pressure Warning Antenna
2
R
2 LL3
B
23 EL1
B
1
INT
E
E116
Tire Pressure Warning Reset Switch
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G
5 LL3
2
W–B
(LHD)
E1
W–B
(RHD)
E3
W–B
L2

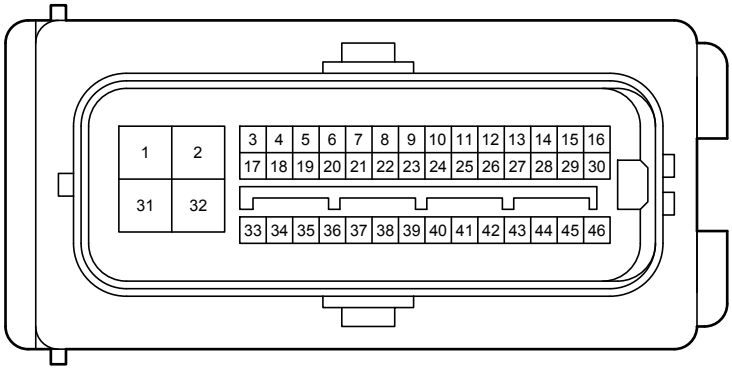

GR
GR
R
R
SB (LHD)
L (LHD)
10 FE4
20 FE4
6
17
13
2
E74
Junction Connector
F73
Junction Connector
7
18
16
5
1 FE4
11 FE4
32 EA1
2 AE3
31 EA1 (LHD)
1 AE3 (RHD)
2
13
3 AA1
4 AA1
E68
Junction Connector
1
12
W (LHD)
E71
Junction Connector
25 A
11 A
CANL
CANH
A24(A)
Skid Control ECU with Actuator Assembly
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
V
LG
B
L
B
W
R
G
Speed Sensors
SB (RHD)
L (RHD)
CA2H
CA2L
CA1L
CA1H
E31
Network Gateway ECU
15
16
B
BE
BE
B


GR
GR
R
R
F77(A)
Multi–Media Module Receiver Assembly
∗ 5 : w/ Navigation System
TX3–
TX3+
CANH
CANL
46
45
1
2
W
(∗5)
B
(∗5)
P
B
6
FE4
16
FE4
19
7
TX–
TX+
F79(A)
Multi–Display
Assembly
E69
Junction Connector
2
13
3
14
1
12
15
4
BE
B
SB
(RHD)
B
(RHD)
B
(LHD)
SB
(LHD)
SB
(RHD)
B
(LHD)
B
(RHD)
SB
(RHD)
BE
B

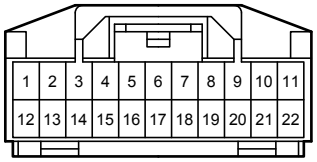

GR
R
R
GR
15
16
CANN
CANP
E3(C)
Main Body ECU
CANH
CANL
5
6
SB
(RHD)
B
(RHD)
3
14
E72
Junction
Connector
1
12
SB
(RHD)
B
(RHD)
SB
(LHD)
B
(LHD)
4
15
E75
Junction Connector
SB
(RHD)
B
(RHD)
1
12
3
14
SB
(LHD)
SB
(RHD)
B
(LHD)
B
(RHD)
V
B
SB
(LHD)
B
(LHD)
B
(RHD)
SB
(RHD)
B
V


(BAT)
5A
ECU–B1
(IG)
5A
MET
2
1
R
B
13 2B
14 2D
86
26
E59
Junction
Connector
33 EA2
17 A
18 A
25 A
26 A
V
B
IG+
CANH
CANL
Power
Supply
Circuit
+B
IG
Tire
Pressure
Display
CAN
ET
E7(A)
Combination Meter Assembly
15 A
BR
34
E60
Junction
Connector
74
67 EA3 (LHD)
67 EA1 (RHD)
A37(A), C44(B)
Junction
Connector
19 A
13 B (*2)
14 B (*4)
18 B (*1)
(*4)
(*3)
C10
C8
* 1 : 1VD–FTV w/ DPF
* 2 : 1VD–FTV w/o DPF
* 3 : 1VD–FTV
* 4 : 1UR–FE

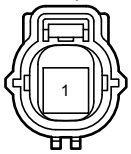
A 24
Black



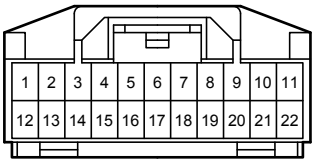
A 37
Blue



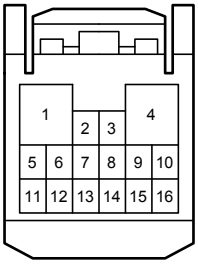
A 64
Gray



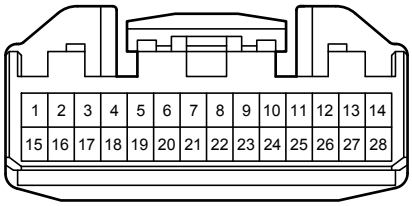
C 44
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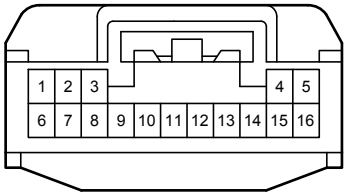
E 3
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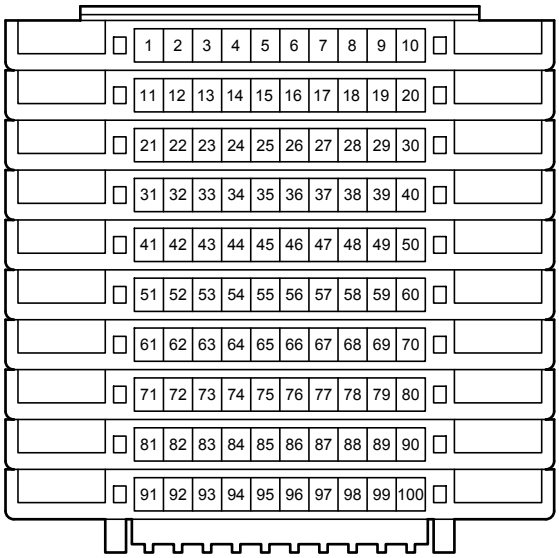
E 7
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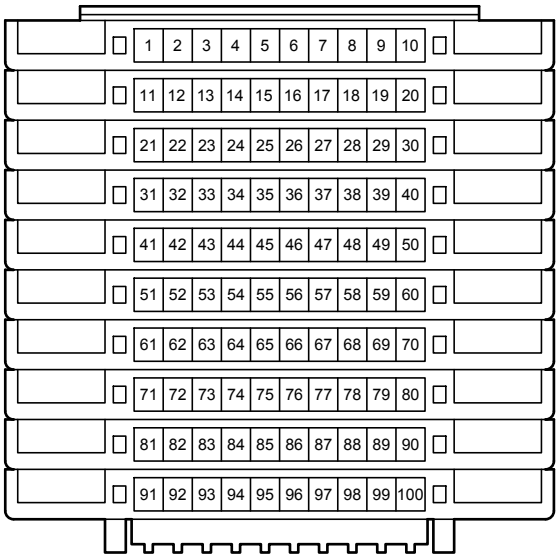
E 31
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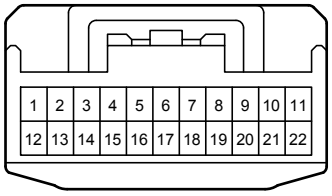
E 59



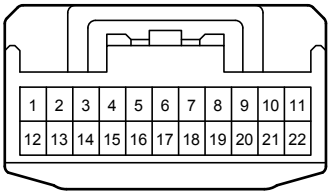
E 60



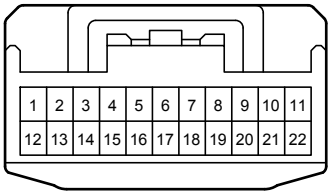
E 68
Gray



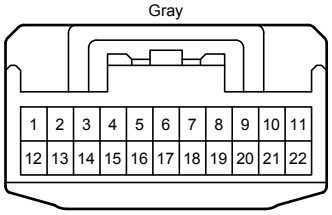
E 69
Gray



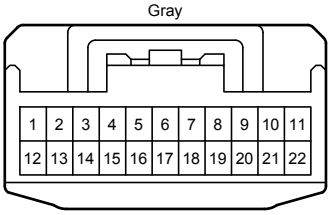
E 71
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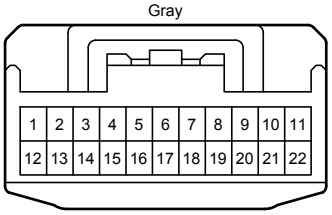
E 72
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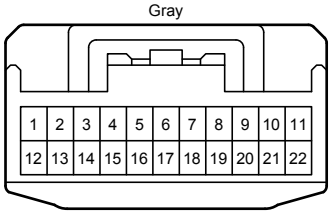
E 73
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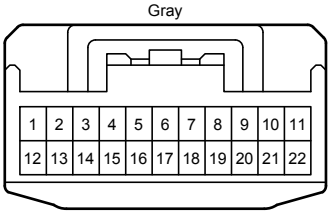
E 74
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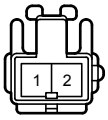
E 75
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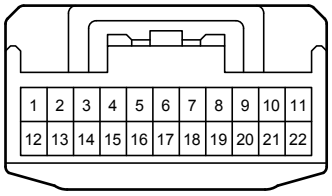
E 76
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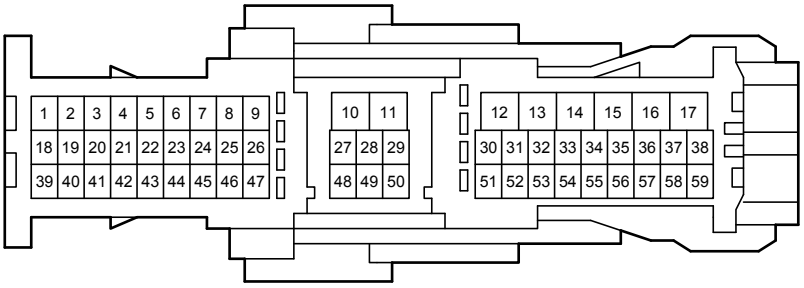
E116
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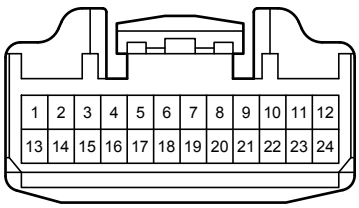
F 73
Blue



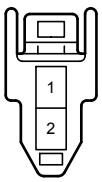
F 77
White



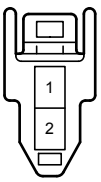
F 79
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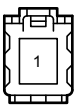
L 29
White



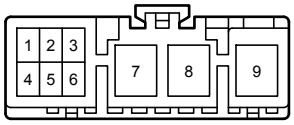
L 58
White



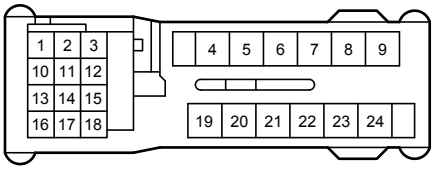
L 59
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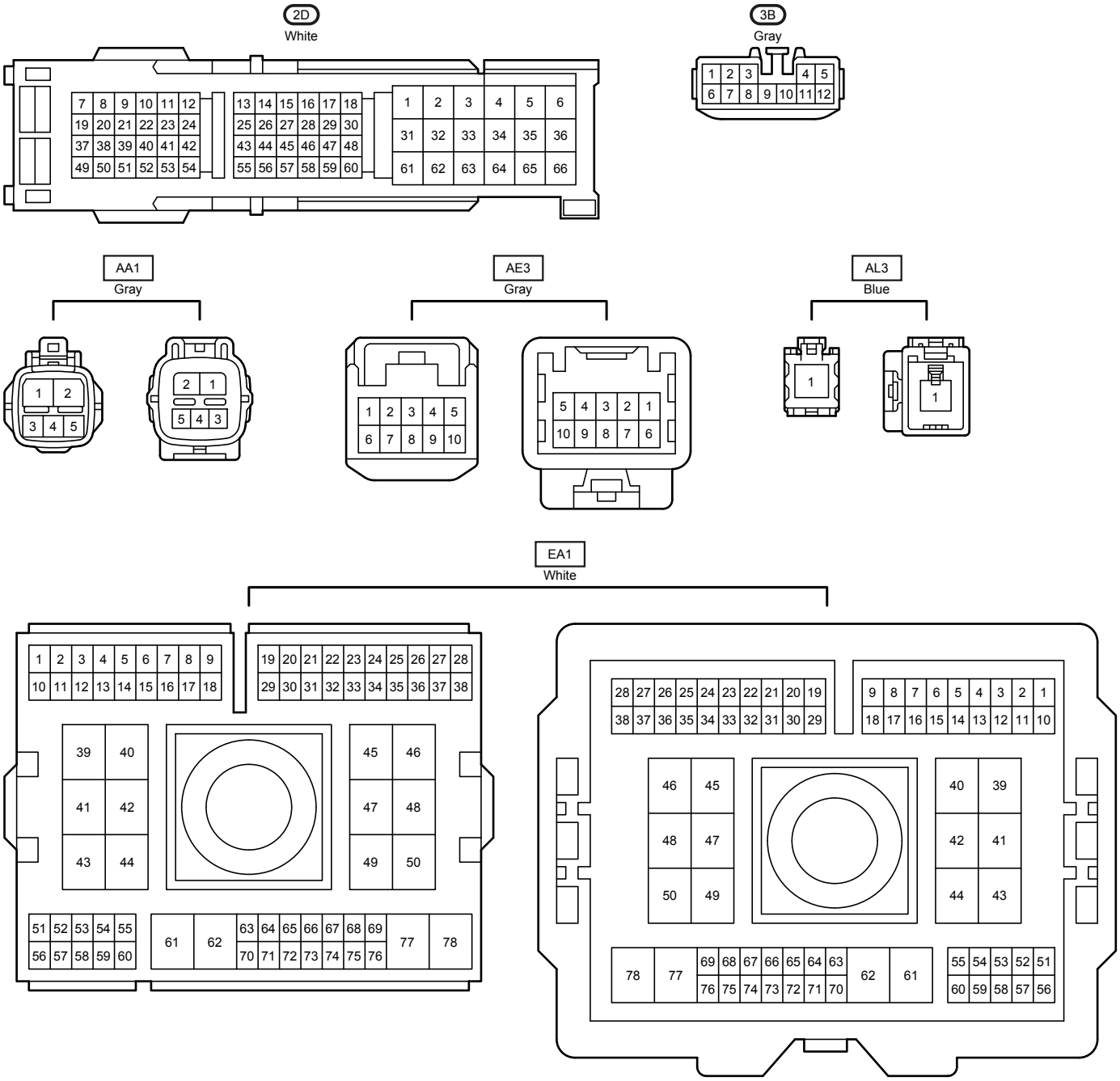


L 60
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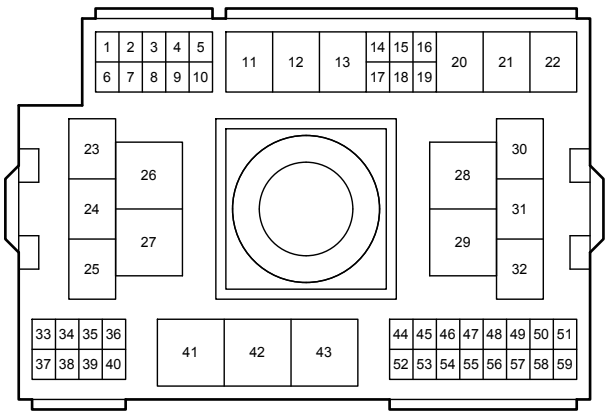
2B
White



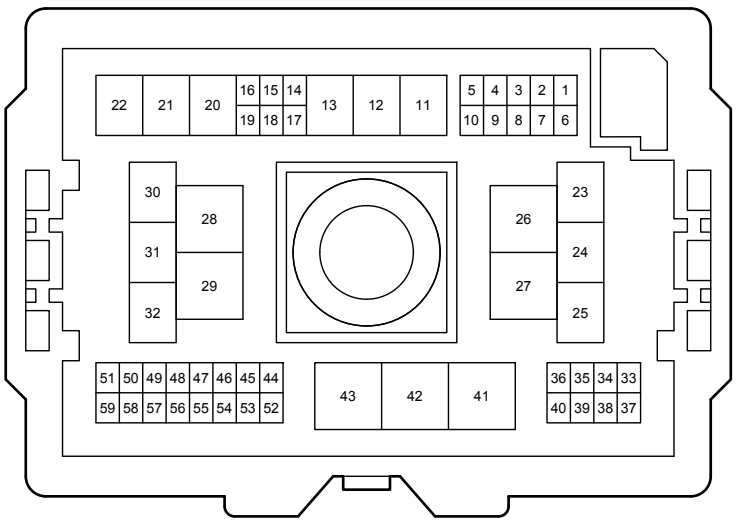

2D
White
7 8 9 10 11 12
19 20 21 22 23 24
37 38 39 40 41 42
49 50 51 52 53 54
13 14 15 16 17 18
25 26 27 28 29 30
43 44 45 46 47 48
55 56 57 58 59 60
1 2 3 4 5 6
31 32 33 34 35 36
61 62 63 64 65 66
3B
Gray
1 2 3 4 5
6 7 8 9 10 11 12
AA1
Gray
1 2
3 4 5
2 1
5 4 3
AE3
Gray
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
AL3
Blue
1
1
EA1
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45
48 47
50 49
40 39
42 41
44 43
78 77
69 68 67 66 65 64 63
76 75 74 73 72 71 70
62 61
55 54 53 52 51
60 59 58 57 56

EA2

White

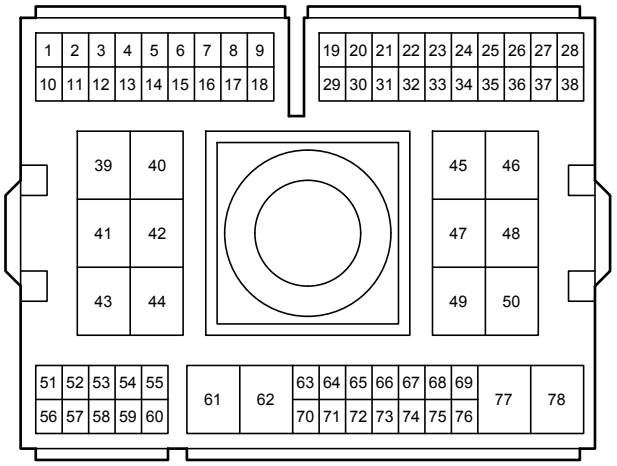


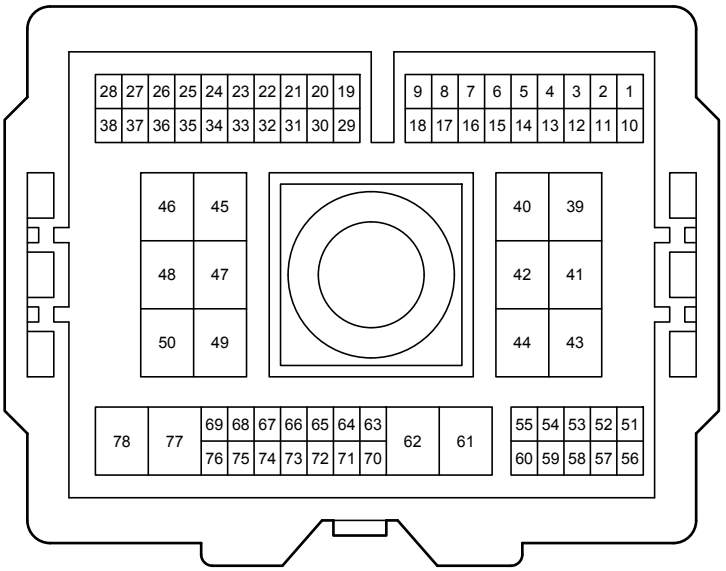
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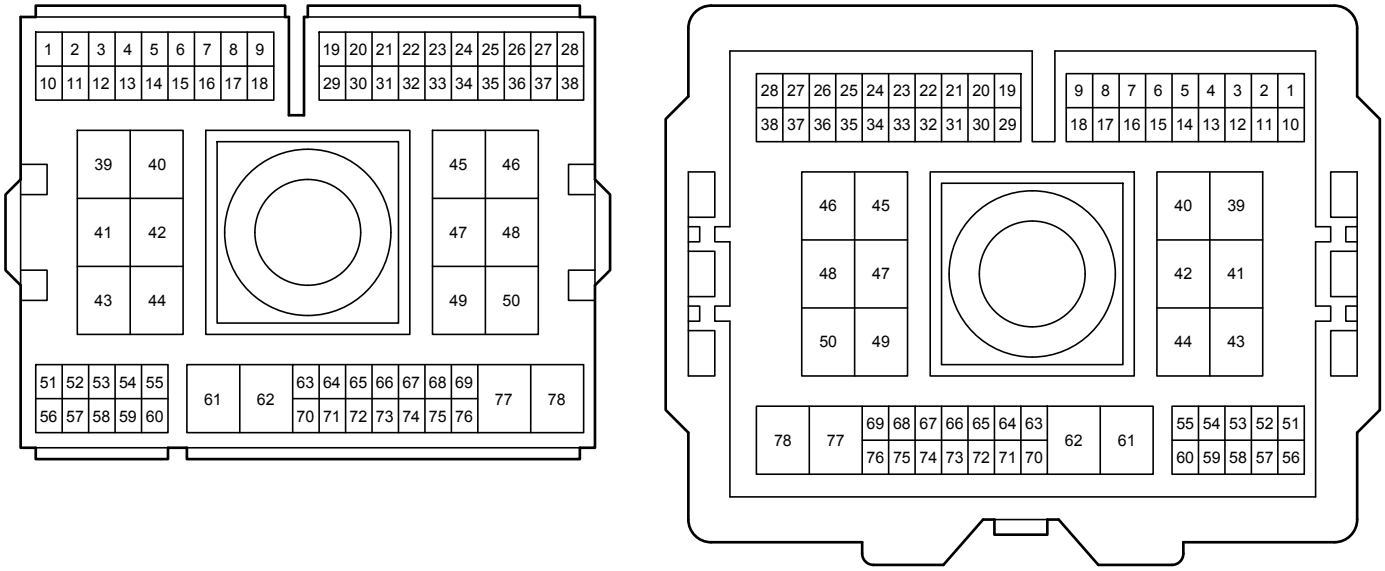
EA3

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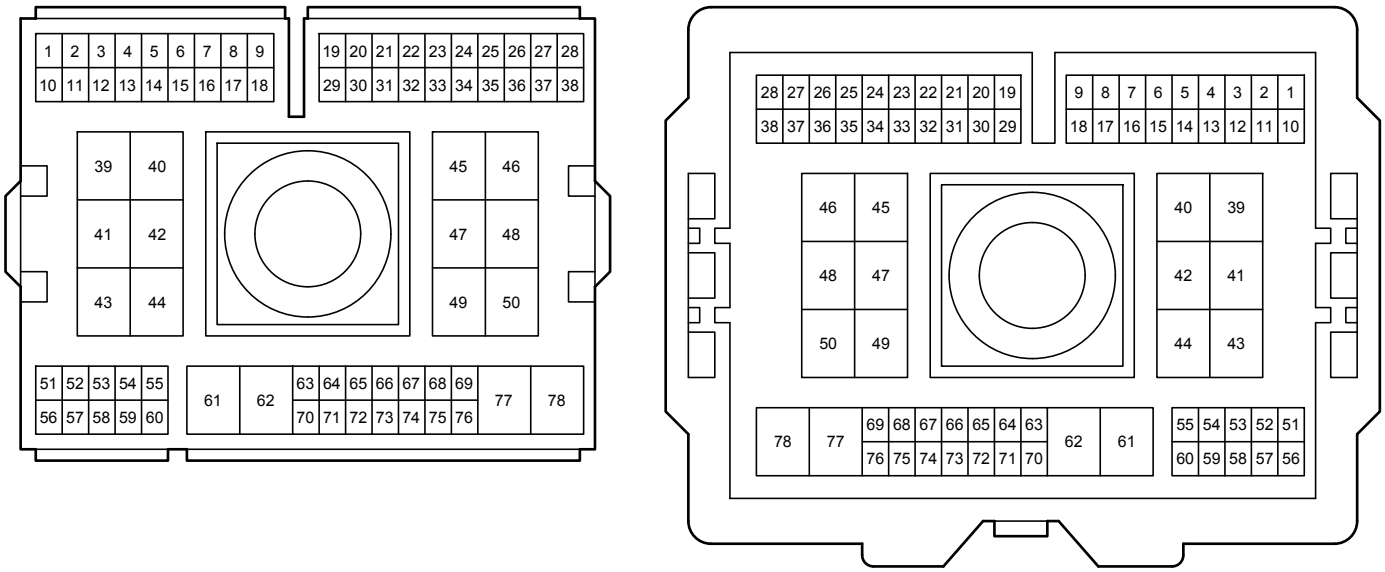




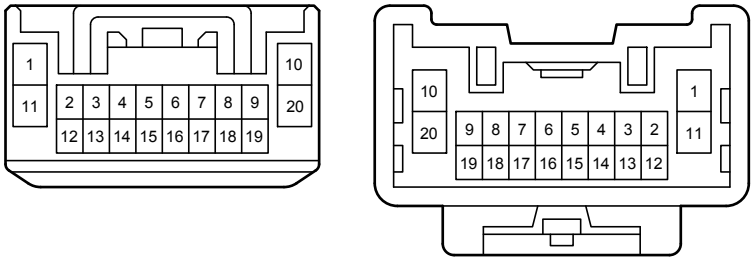
EK2
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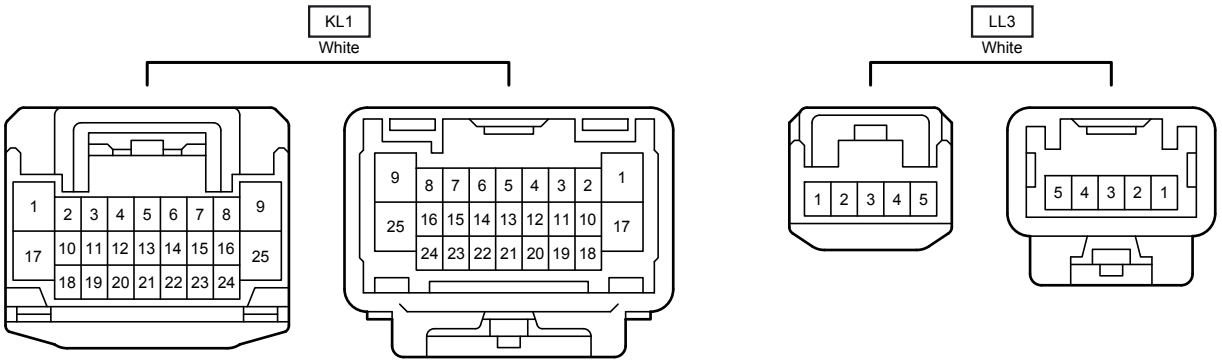


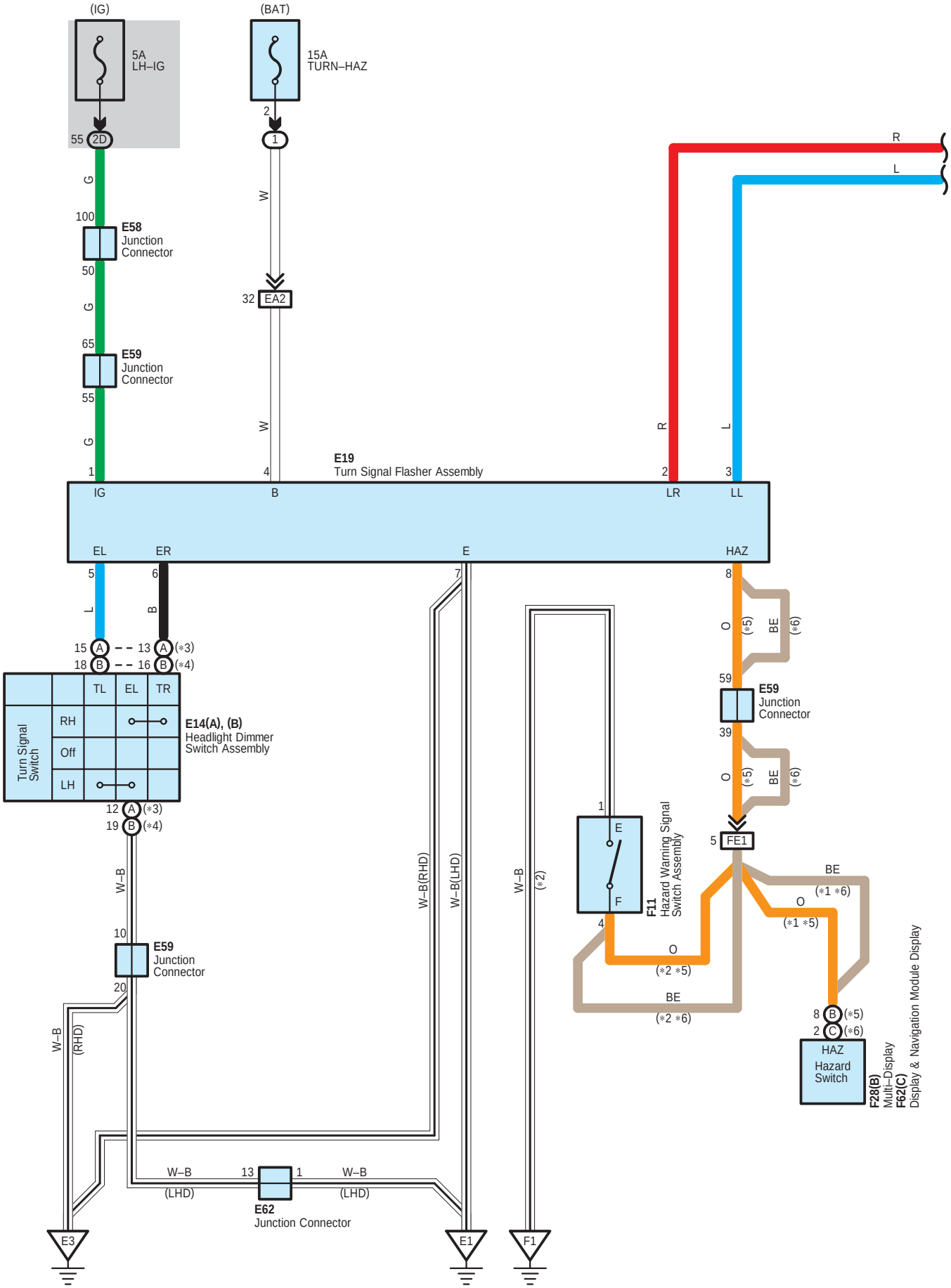
EL1
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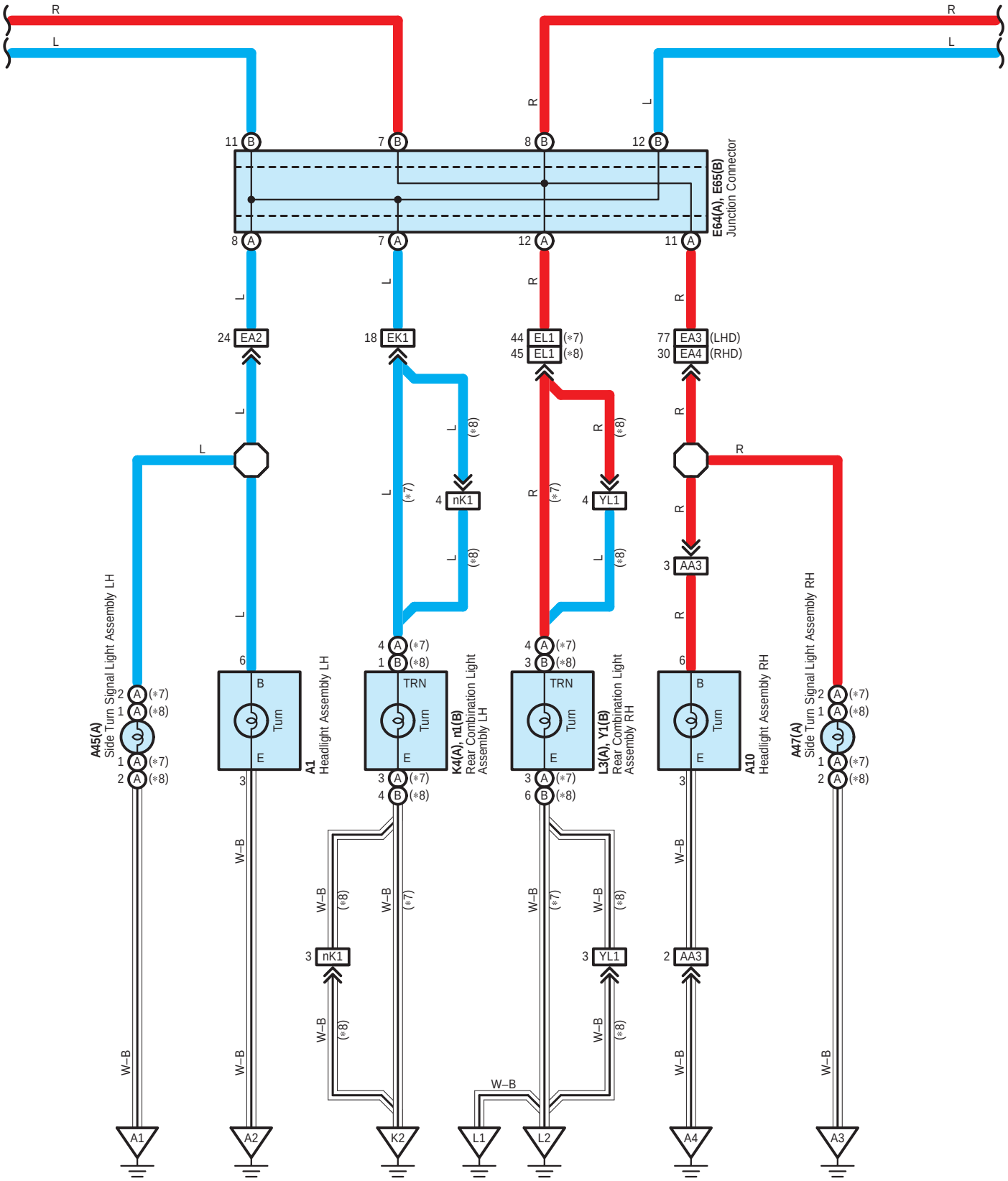
FE4
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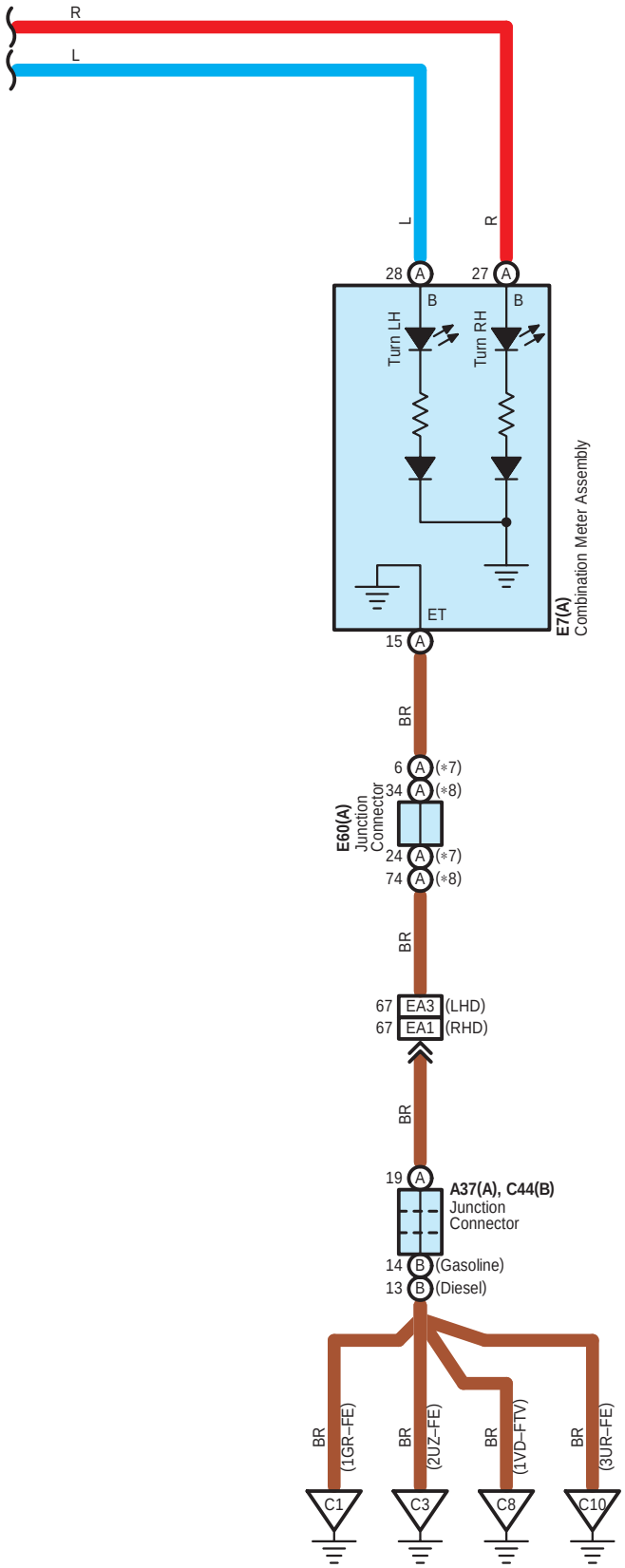

KL1
White
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
LL3
White
1
2
3
4
5


(IG)
5A
LH–IG
55 2D
G
100
E58
Junction
Connector
50
G
65
E59
Junction
Connector
55
G
1
IG
(BAT)
15A
TURN–HAZ
2
1
W
32 EA2
W
4
B
E19
Turn Signal Flasher Assembly
R
L
R
L
2
3
LR
LL
EL
ER
E
HAZ
5
6
7
8
L
B
O
(*5)
BE
(*6)
15 A
18 B
13 A (*3)
16 B (*4)
TL
EL
TR
RH
Off
LH
Turn Signal
Switch
E14(A), (B)
Headlight Dimmer
Switch Assembly
12 A (*3)
19 B (*4)
W–B
10
E59
Junction
Connector
20
W–B
(RHD)
W–B(RHD)
W–B(LHD)
W–B
(*2)
59
E59
Junction
Connector
39
O
(*5)
BE
(*6)
5 FE1
1
E
F
4
F11
Hazard Warning Signal
Switch Assembly
O
(*2 *5)
BE
(*2 *6)
BE
(*1 *6)
O
(*1 *5)
8 B (*5)
2 C (*6)
HAZ
Hazard
Switch
F28(B)
Multi–Display
F62(C)
Display & Navigation Module Display
W–B
(LHD)
13
1
W–B
(LHD)
E62
Junction Connector
E3
E1
F1

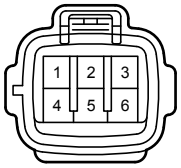
∗ 1 : w/ Multi–Display
∗ 2 : w/o Multi–Display
∗ 3 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
∗ 4 : RHD Headlight Dimmer Switch Assembly RH Side Type
∗ 5 : Before Jul. 2009 Production
∗ 6 : From Jul. 2009 Production
∗ 7 : Liftgate Type
∗ 8 : Swing Type



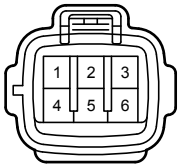
∗ 7 : Liftgate Type
∗ 8 : Swing Type



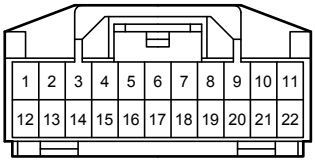
A 1
Gray



A 10
Gray



A 37
Blue



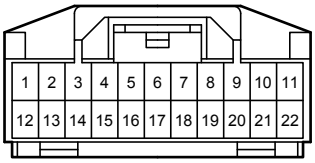
A 45
Gray



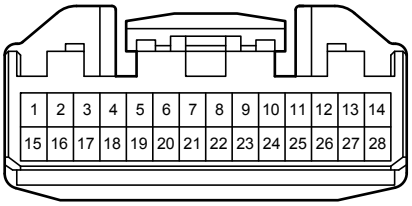
A 47
Gray



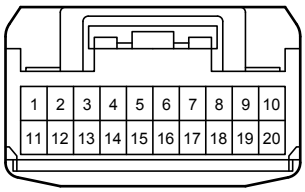
C 44
Blue



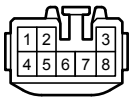
E 7
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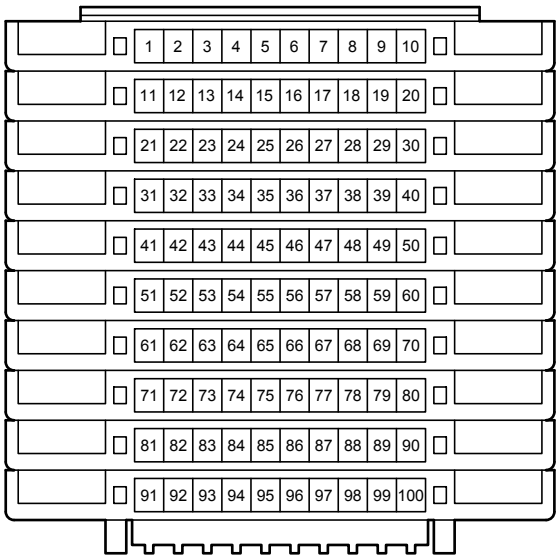
E 14
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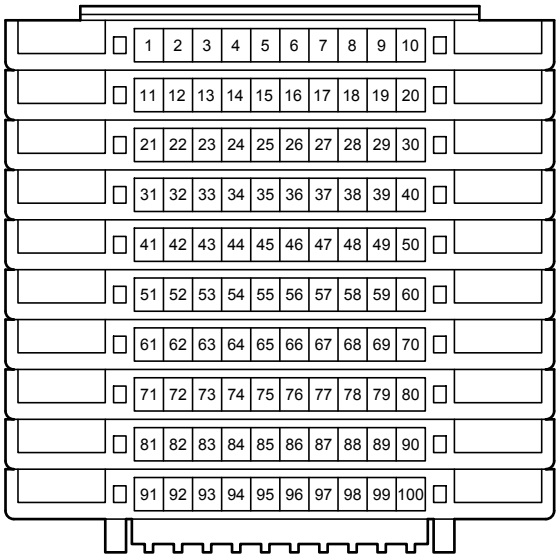
E 19
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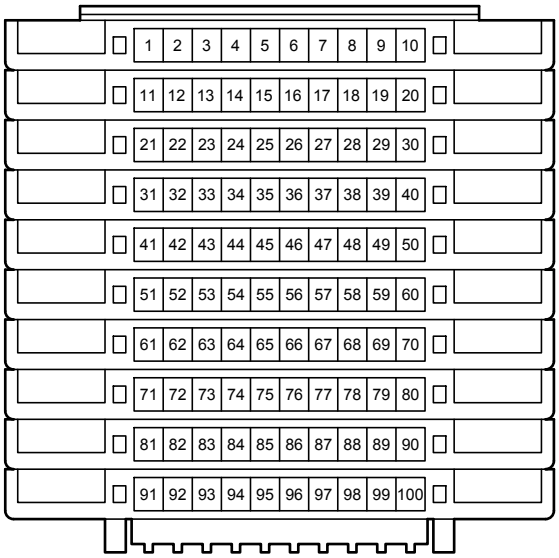
E 58



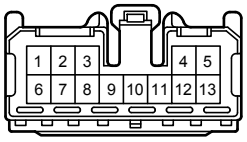
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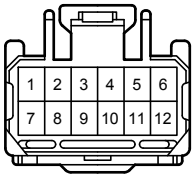
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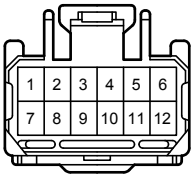
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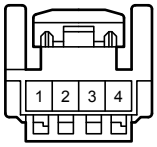
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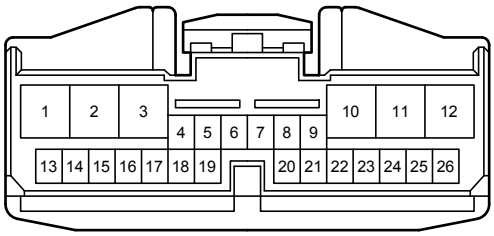
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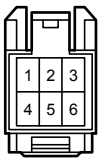
F 11
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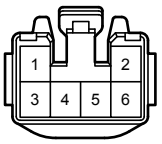
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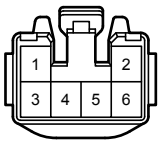
F 62
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K 4
White



L 3
White



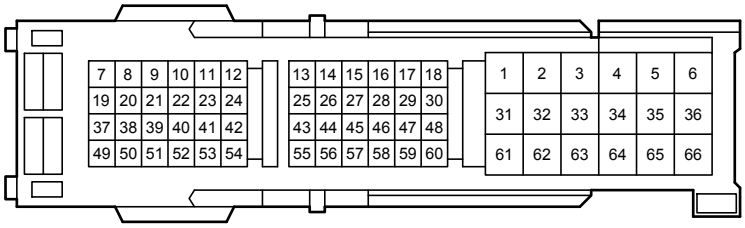
Y 1
Gray



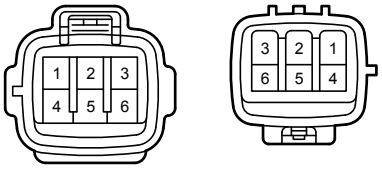
n 1
Gray



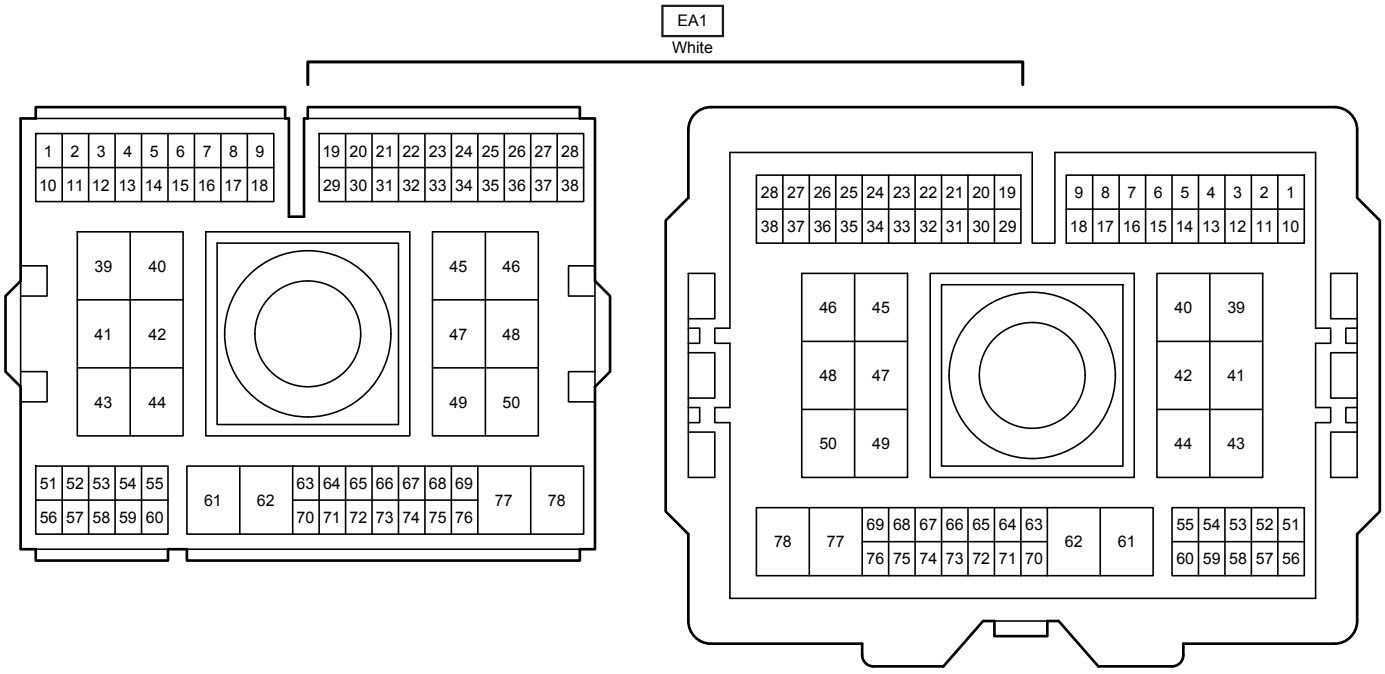
2D
White



AA3
Gray

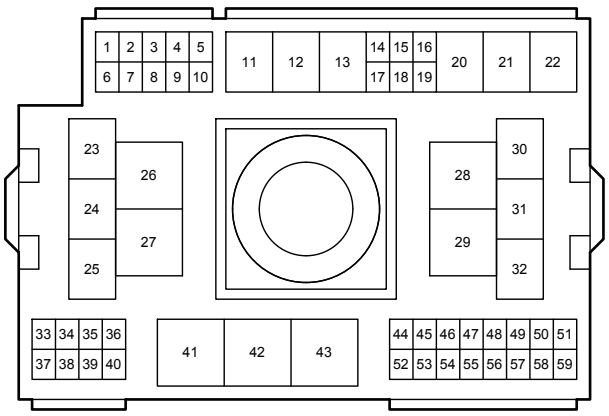


EA1
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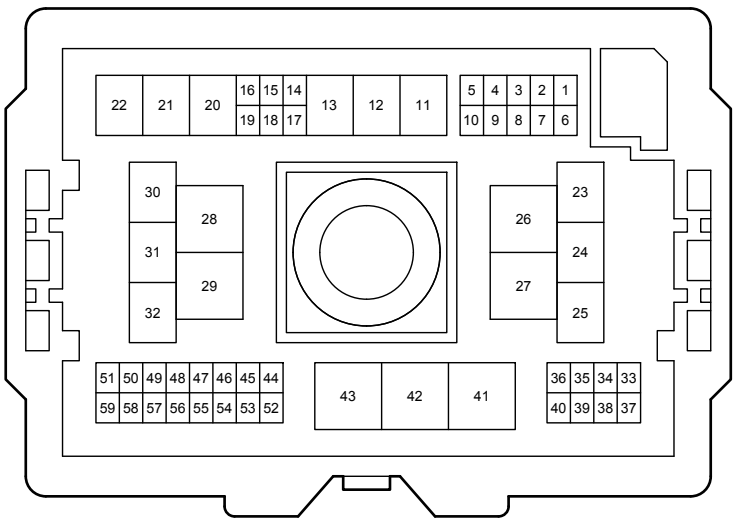


EA2

White

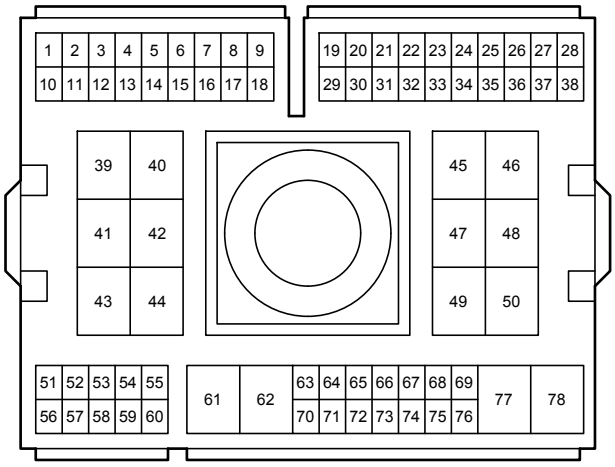


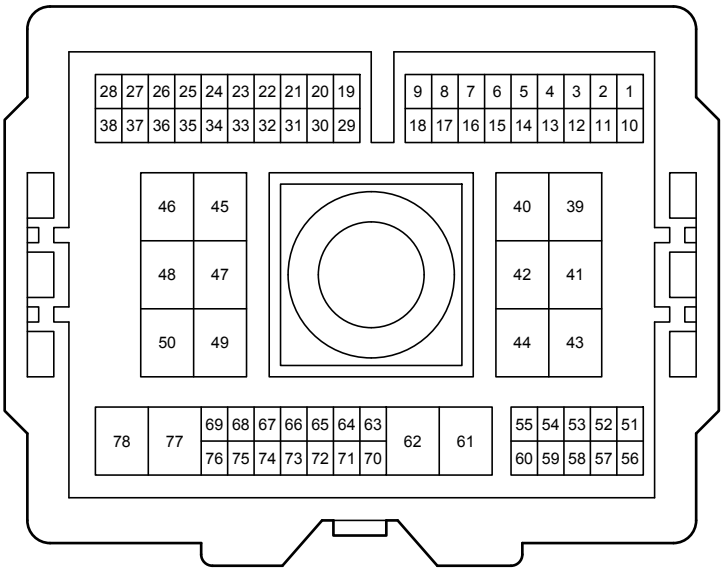
Gray



EA3

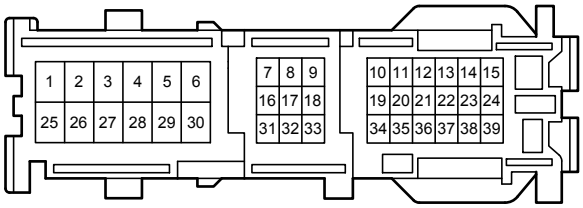
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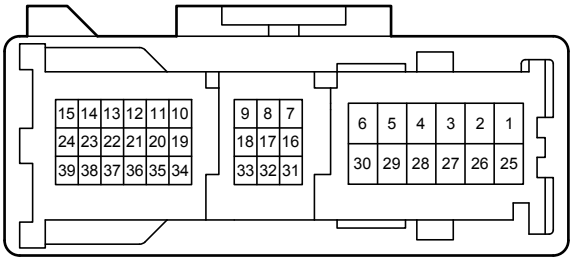




EA4

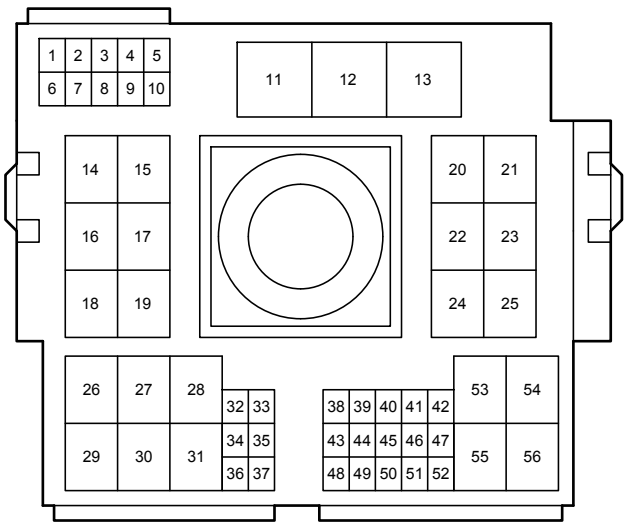
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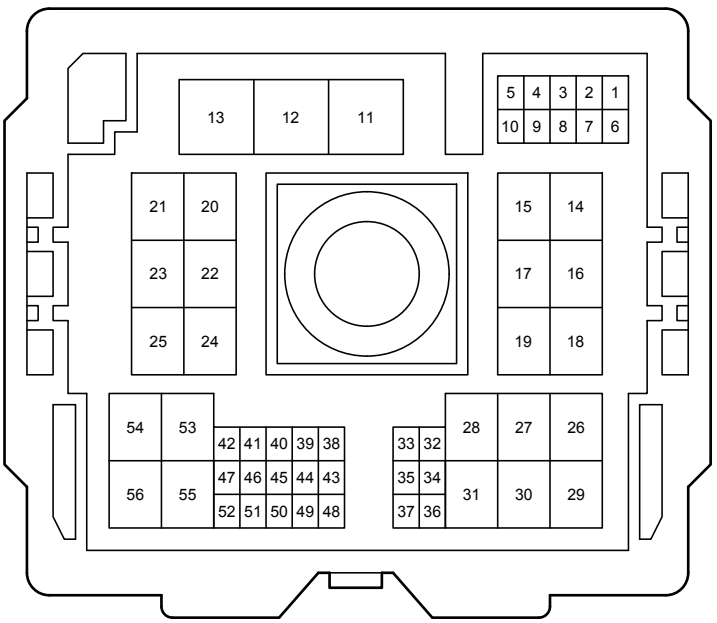


EK1

White

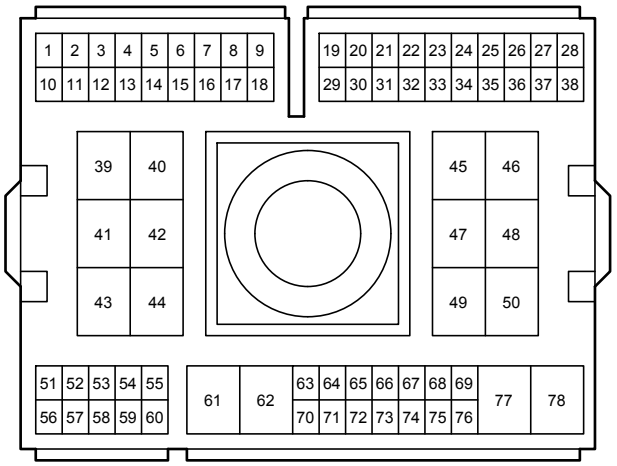


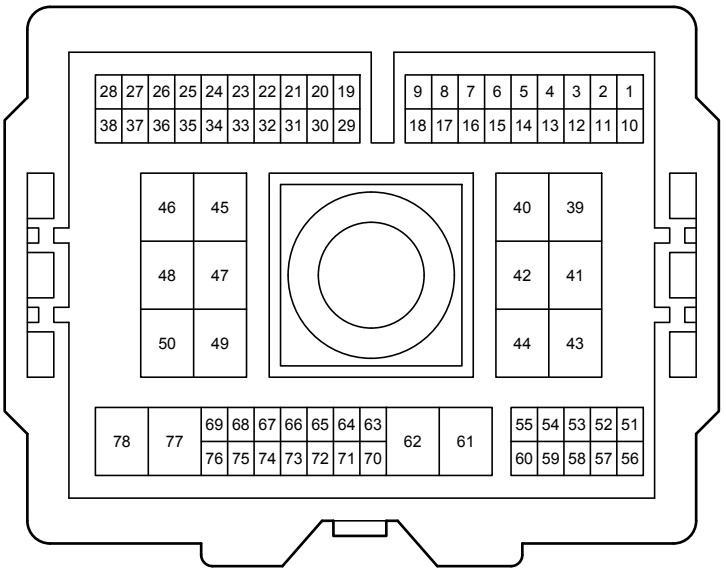
Blue



EL1

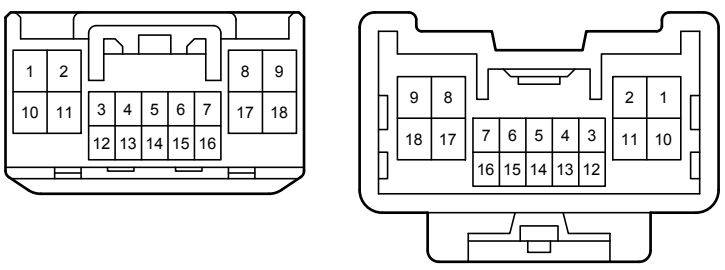
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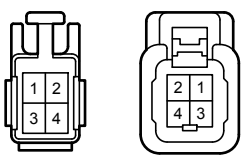
FE1

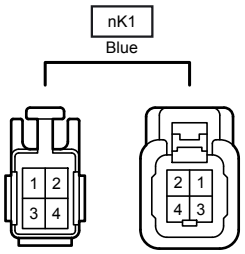
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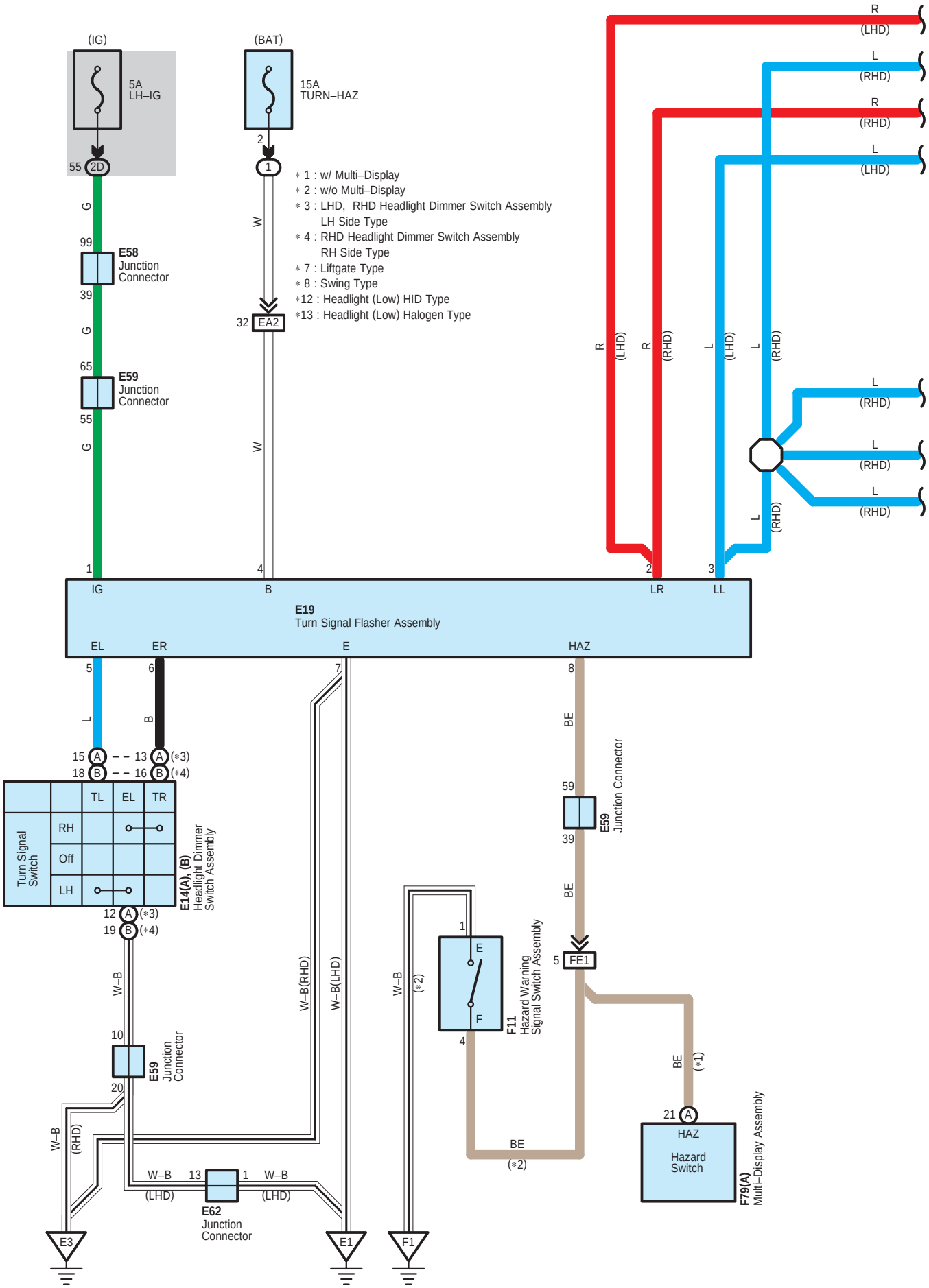


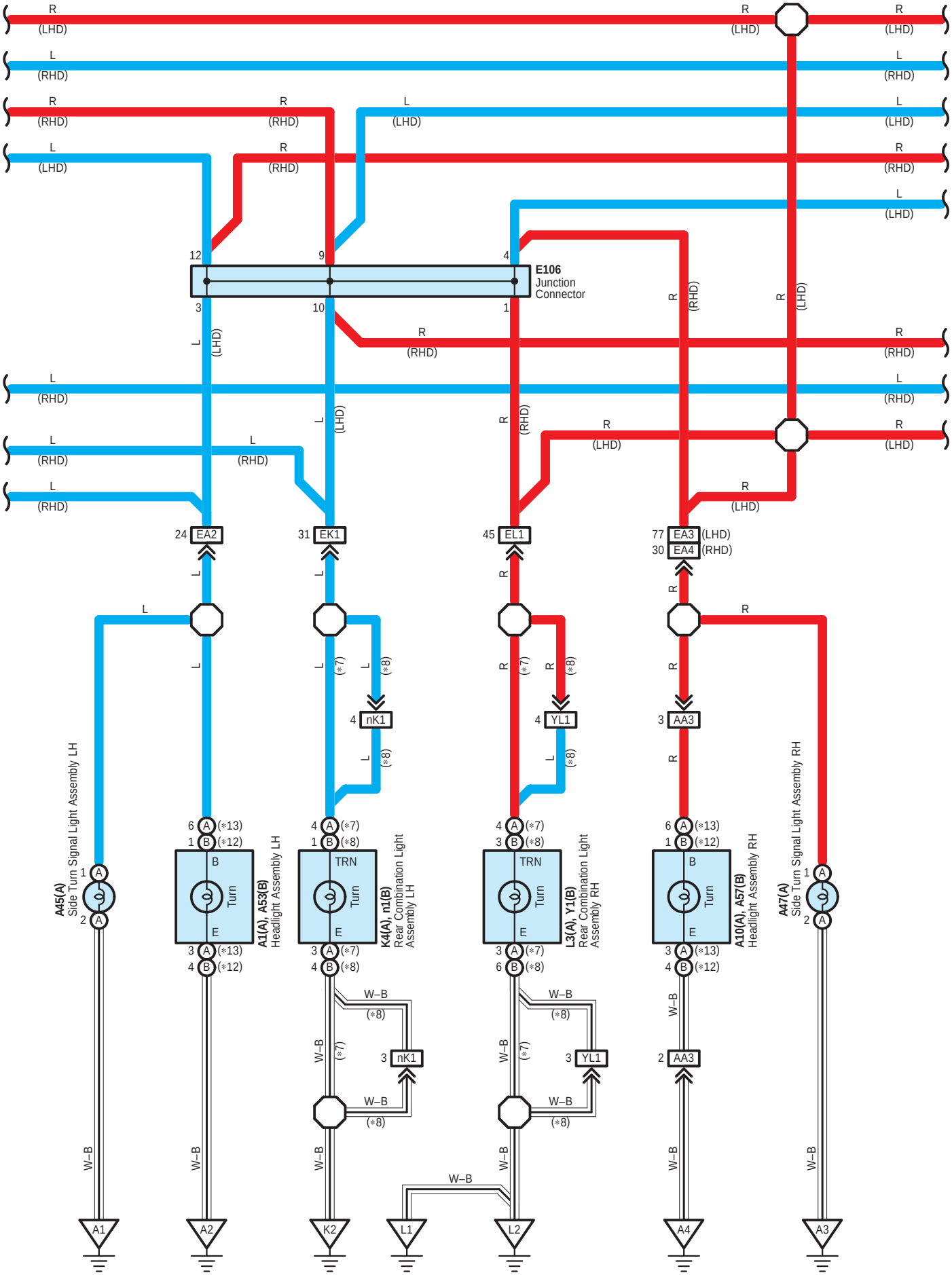
YL1

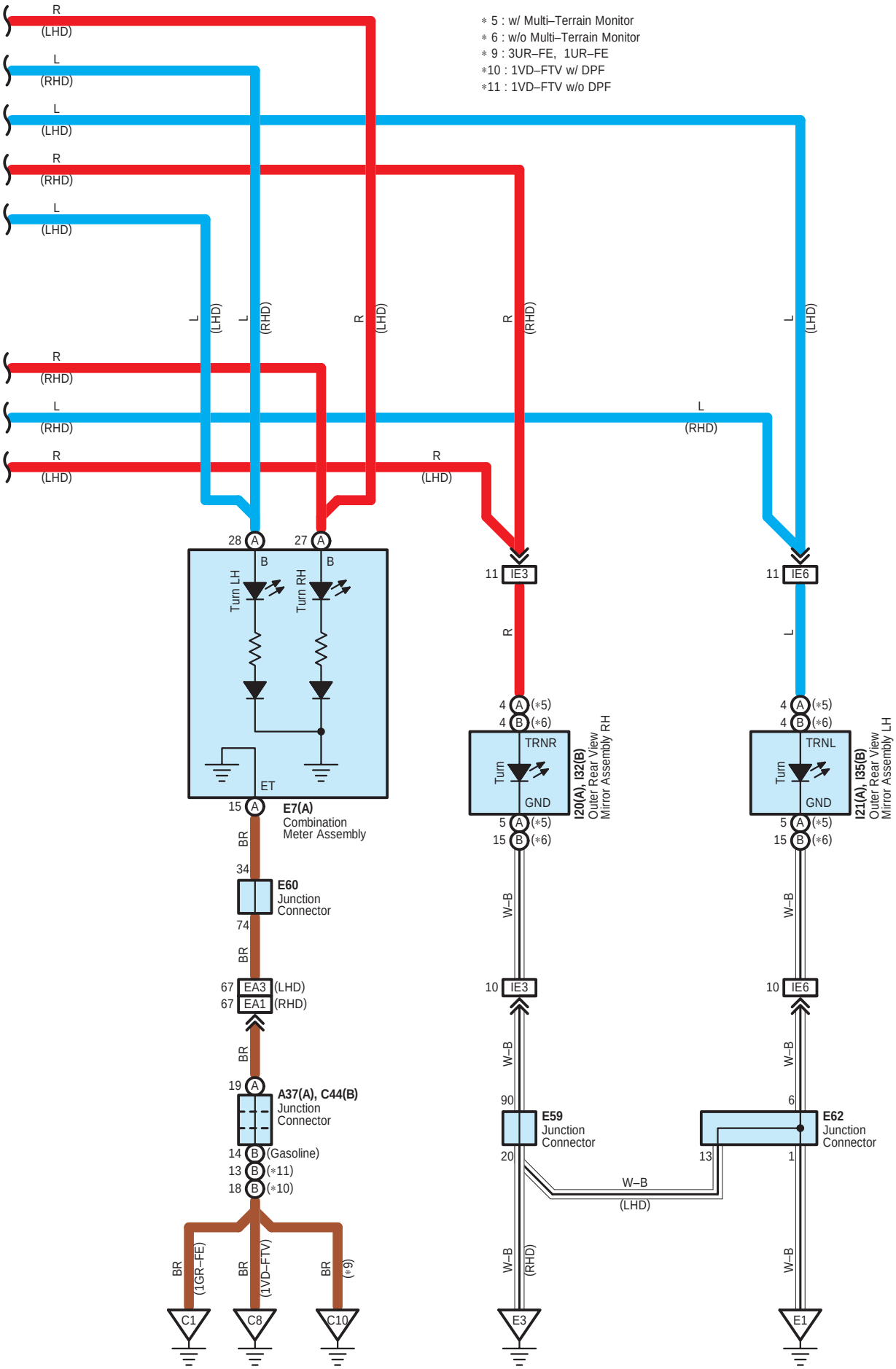
Blue



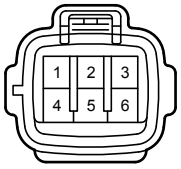

nK1
Blue
1
2
3
4
2
1
4
3


(IG)
5A
LH–IG
55 2D
G
99
E58
Junction
Connector
39
G
65
E59
Junction
Connector
55
G
(BAT)
15A
TURN–HAZ
2
1
W
32 EA2
W
∗ 1 : w/ Multi–Display
∗ 2 : w/o Multi–Display
∗ 3 : LHD, RHD Headlight Dimmer Switch Assembly
LH Side Type
∗ 4 : RHD Headlight Dimmer Switch Assembly
RH Side Type
∗ 7 : Liftgate Type
∗ 8 : Swing Type
∗12 : Headlight (Low) HID Type
∗13 : Headlight (Low) Halogen Type
R (LHD)
L (RHD)
R (RHD)
L (LHD)
R (LHD)
R (RHD)
L (LHD)
L (RHD)
L (RHD)
L (RHD)
L (RHD)
L (RHD)
1 IG
4 B
2 LR
3 LL
E19
Turn Signal Flasher Assembly
EL
ER
E
HAZ
5
6
7
8
L
B
BE
15 A
18 B
13 A (∗3)
16 B (∗4)
TL
EL
TR
RH
Off
LH
Turn Signal Switch
E14(A), (B)
Headlight Dimmer Switch Assembly
12 A (∗3)
19 B (∗4)
59
39
E59
Junction Connector
BE
5 FE1
W–B
10
E59
Junction Connector
20
W–B(RHD)
W–B(LHD)
W–B
(∗2)
1
E
F
4
F11
Hazard Warning Signal Switch Assembly
BE
(∗1)
21 A
HAZ
Hazard Switch
F79(A)
Multi–Display Assembly
BE
(∗2)
W–B
(RHD)
W–B
13
1
W–B
(LHD)
(LHD)
E62
Junction
Connector
E3
E1
F1


E106
Junction
Connector
12
9
4
3
10
1
24 EA2
31 EK1
45 EL1
77 EA3 (LHD)
30 EA4 (RHD)
4 nK1
4 YL1
3 AA3
2 AA3
3 nK1
3 YL1
A45(A)
Side Turn Signal Light Assembly LH
A1(A), A53(B)
Headlight Assembly LH
K4(A), n1(B)
Rear Combination Light
Assembly LH
L3(A), Y1(B)
Rear Combination Light
Assembly RH
A10(A), A57(B)
Headlight Assembly RH
A47(A)
Side Turn Signal Light Assembly RH
TRN
Turn
A1
A2
K2
L1
L2
A4
A3
W–B
(*7)
(*8)
(*12)
(*13)
(LHD)
(RHD)


∗ 5 : w/ Multi–Terrain Monitor
∗ 6 : w/o Multi–Terrain Monitor
∗ 9 : 3UR–FE, 1UR–FE
∗10 : 1VD–FTV w/ DPF
∗11 : 1VD–FTV w/o DPF
R (LHD)
L (RHD)
L (LHD)
R (RHD)
L (LHD)
R (RHD)
L (RHD)
R (LHD)
L (LHD)
R (RHD)
L (LHD)
R (LHD)
L (RHD)
R (LHD)
28 A
27 A
B
Turn LH
Turn RH
ET
15 A
E7(A)
Combination Meter Assembly
BR
34
E60
Junction Connector
74
BR
67 EA3 (LHD)
67 EA1 (RHD)
BR
19 A
A37(A), C44(B)
Junction Connector
14 B (Gasoline)
13 B (∗11)
18 B (∗10)
BR (1GR–FE)
BR (1VD–FTV)
BR (∗9)
C1
C8
C10
11 IE3
R
4 A (∗5)
4 B (∗6)
TRNR
Turn
GND
5 A (∗5)
15 B (∗6)
I20(A), I32(B)
Outer Rear View Mirror Assembly RH
W–B
10 IE3
W–B
90
E59
Junction Connector
20
W–B (LHD)
W–B (RHD)
E3
11 IE6
L
4 A (∗5)
4 B (∗6)
TRNL
Turn
GND
5 A (∗5)
15 B (∗6)
I21(A), I35(B)
Outer Rear View Mirror Assembly LH
W–B
10 IE6
W–B
6
E62
Junction Connector
13
1
W–B
E1

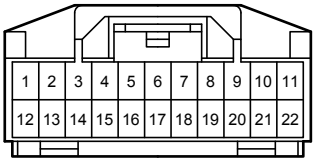
A 1
Gray



A 10
Gray



A 37
Blue



A 45
Gray



A 47
Gray



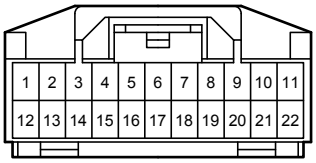
A 53
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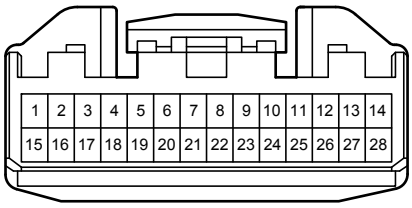
A 57
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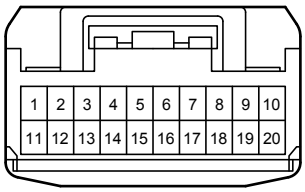
C 44
Blue



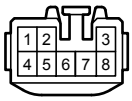
E 7
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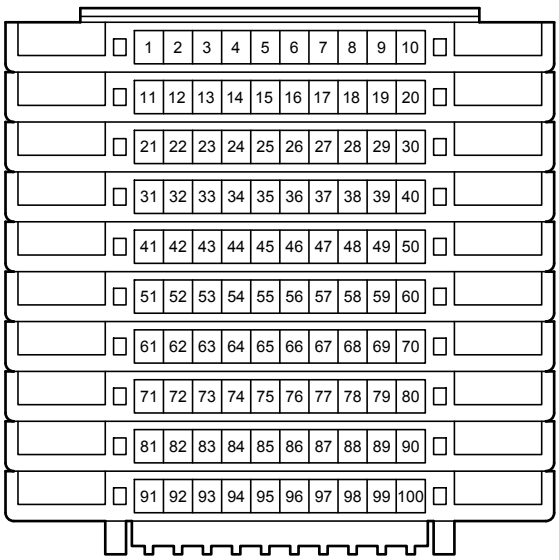
E 14
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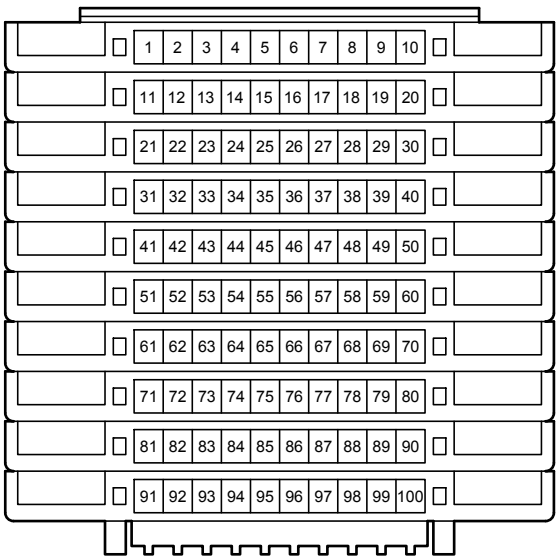
E 19
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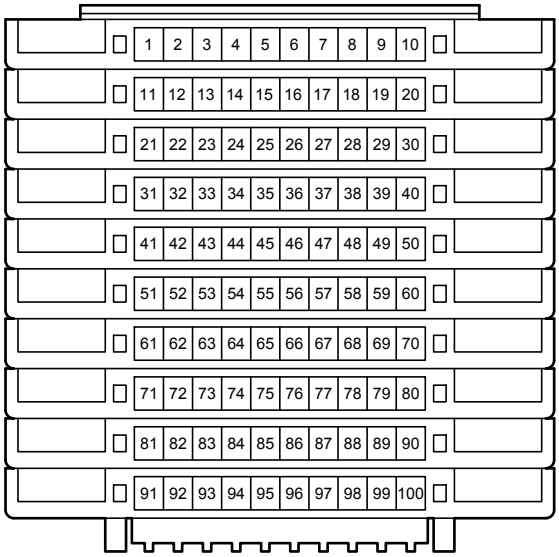
E 58



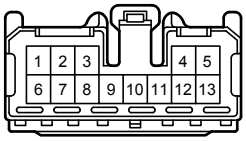
E 59



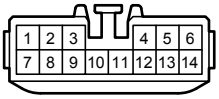
E 60



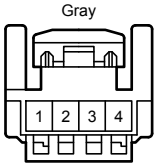
E 62
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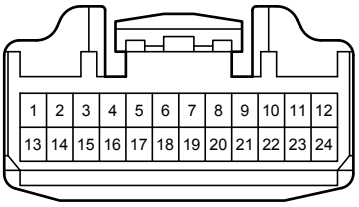
E106
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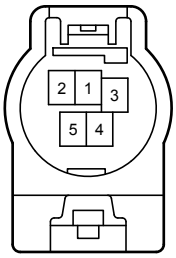
F 11
Gray



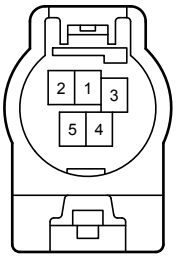
F 79
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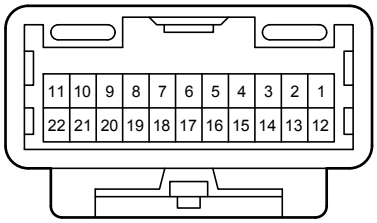
I 20
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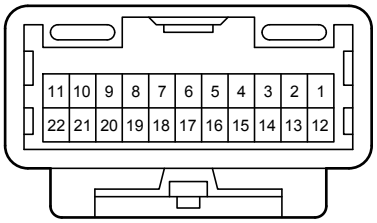
I 21
White



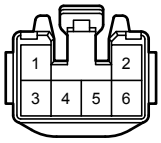
I 32
White



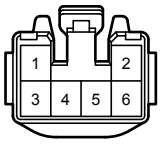
I 35
White



K 4
White



L 3
White



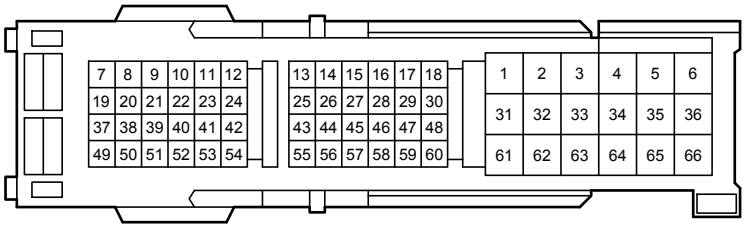
Y 1
Gray



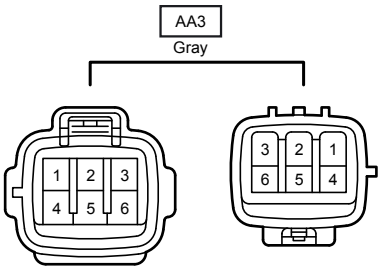
n 1
Gray



2D
White

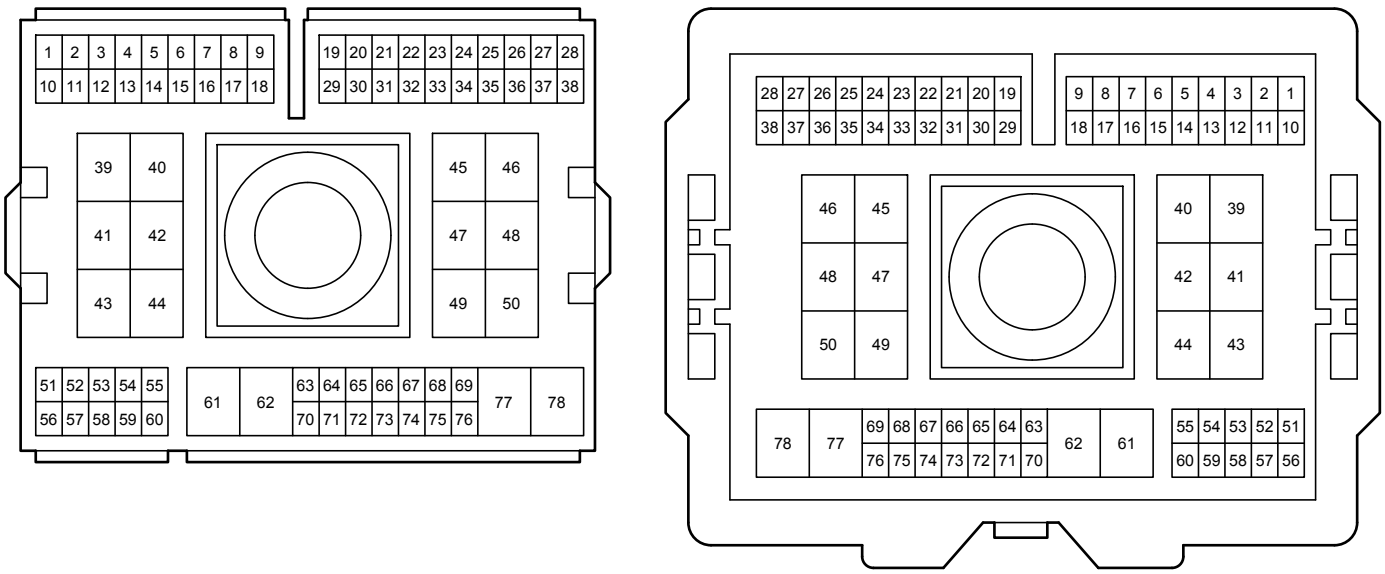


AA3
Gray



EA1

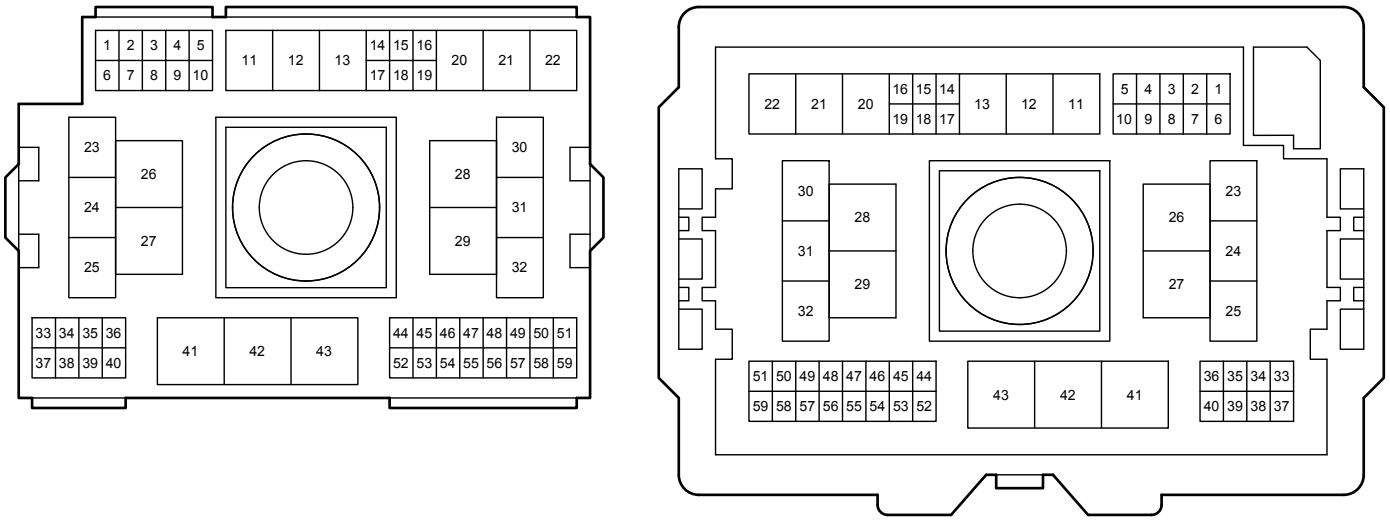
White



EA2

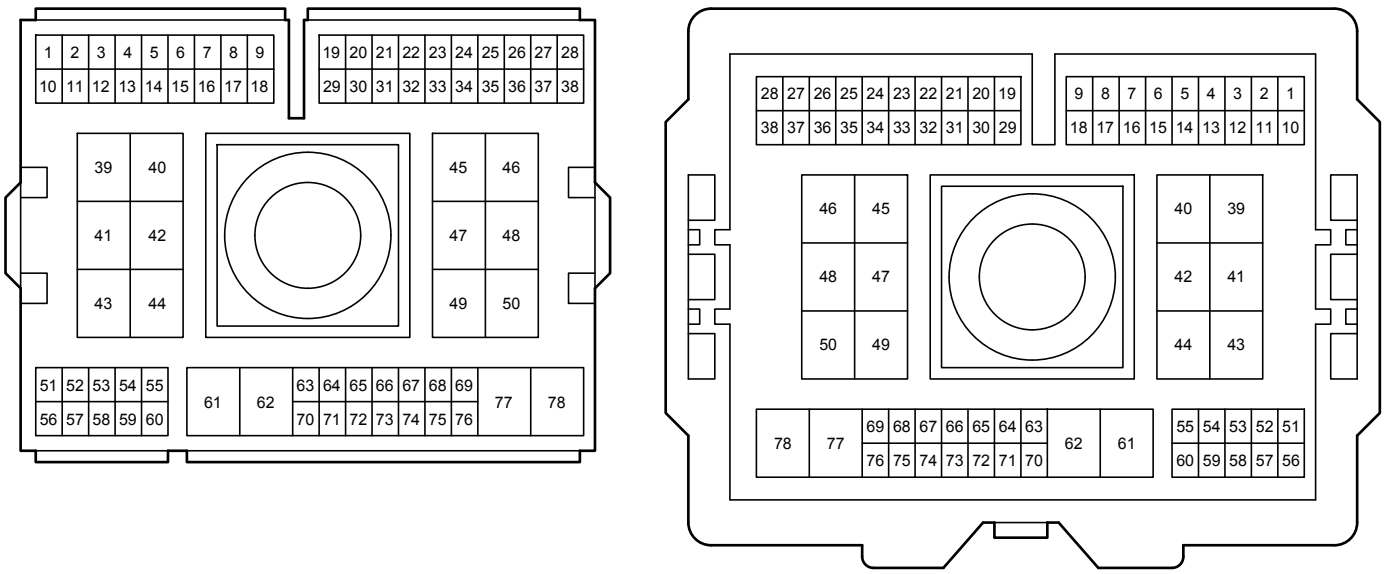
White

Gray



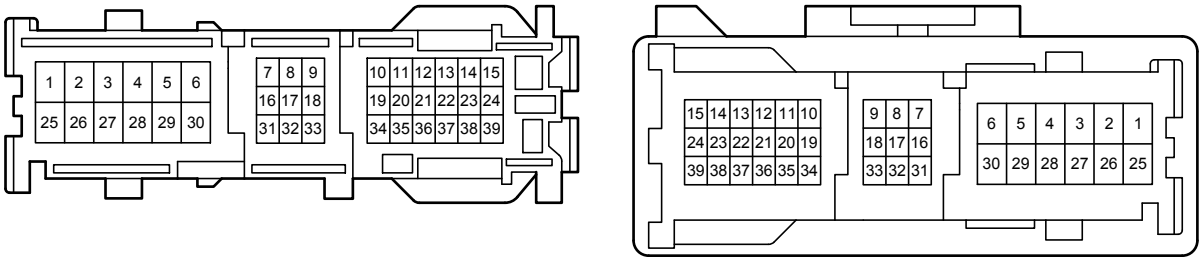
EA3

White



EA4

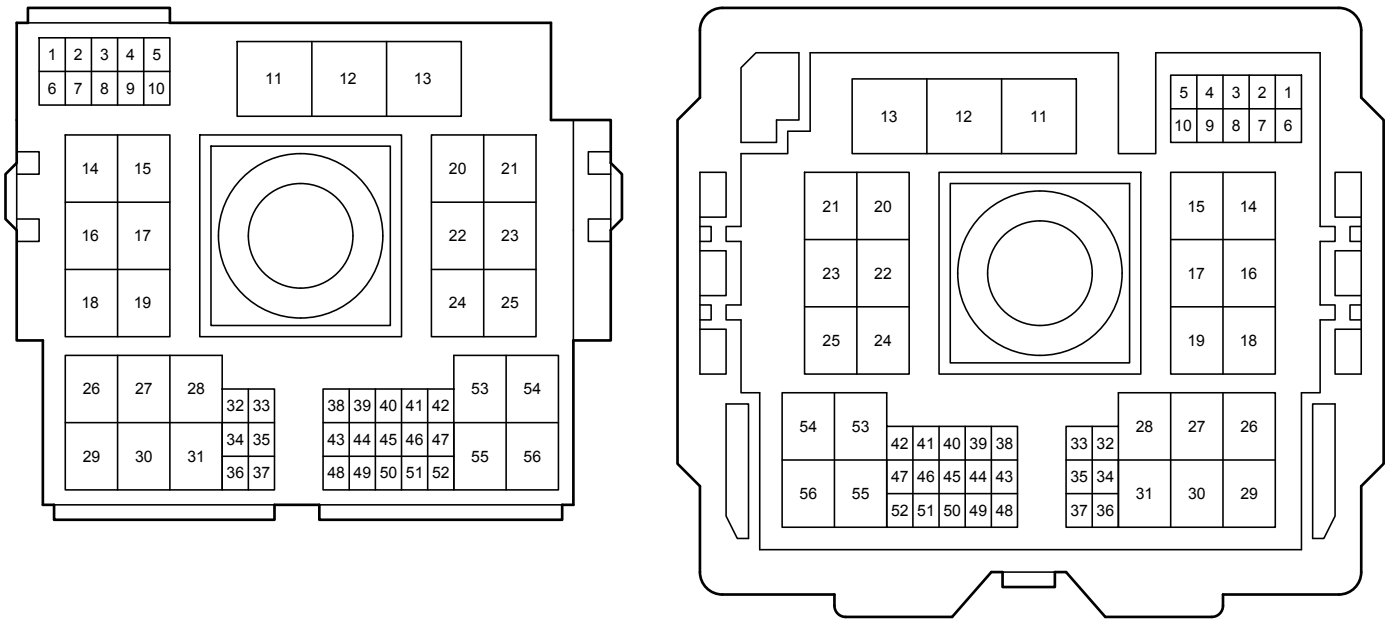
White



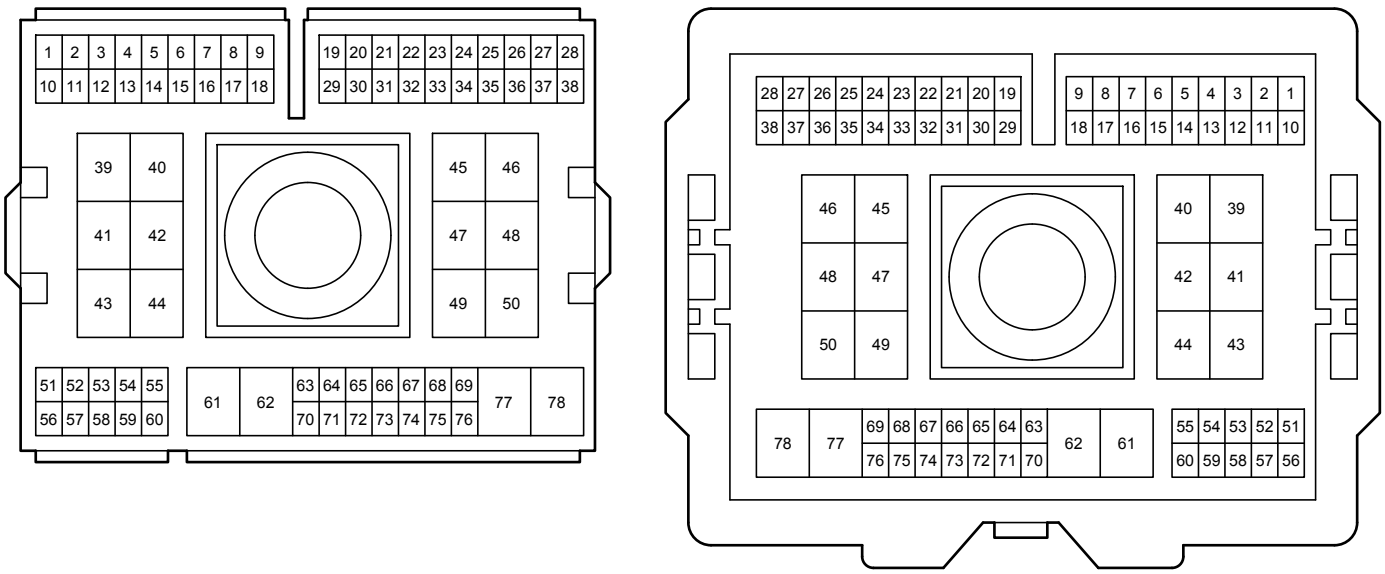
EK1

White

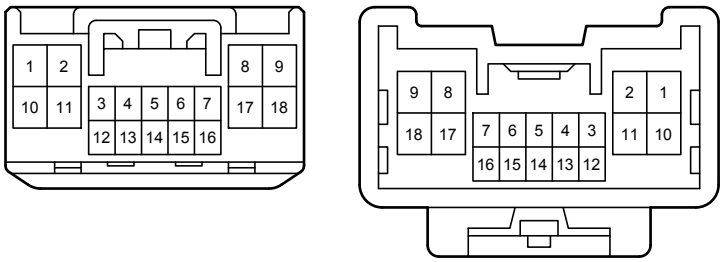
Blue



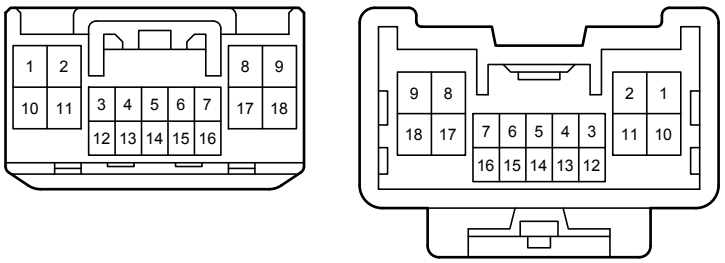
EL1
White



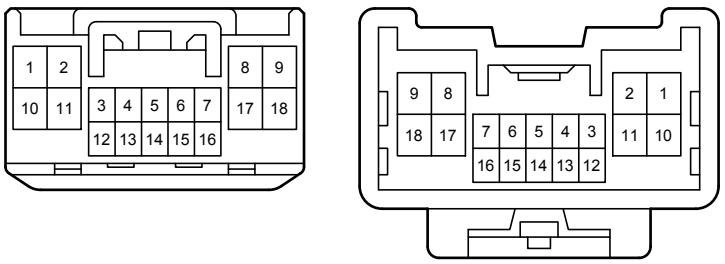
FE1
White



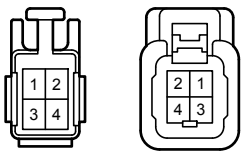
IE3
White

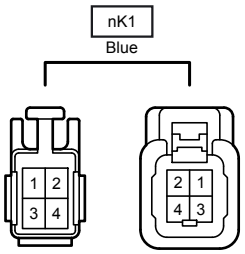


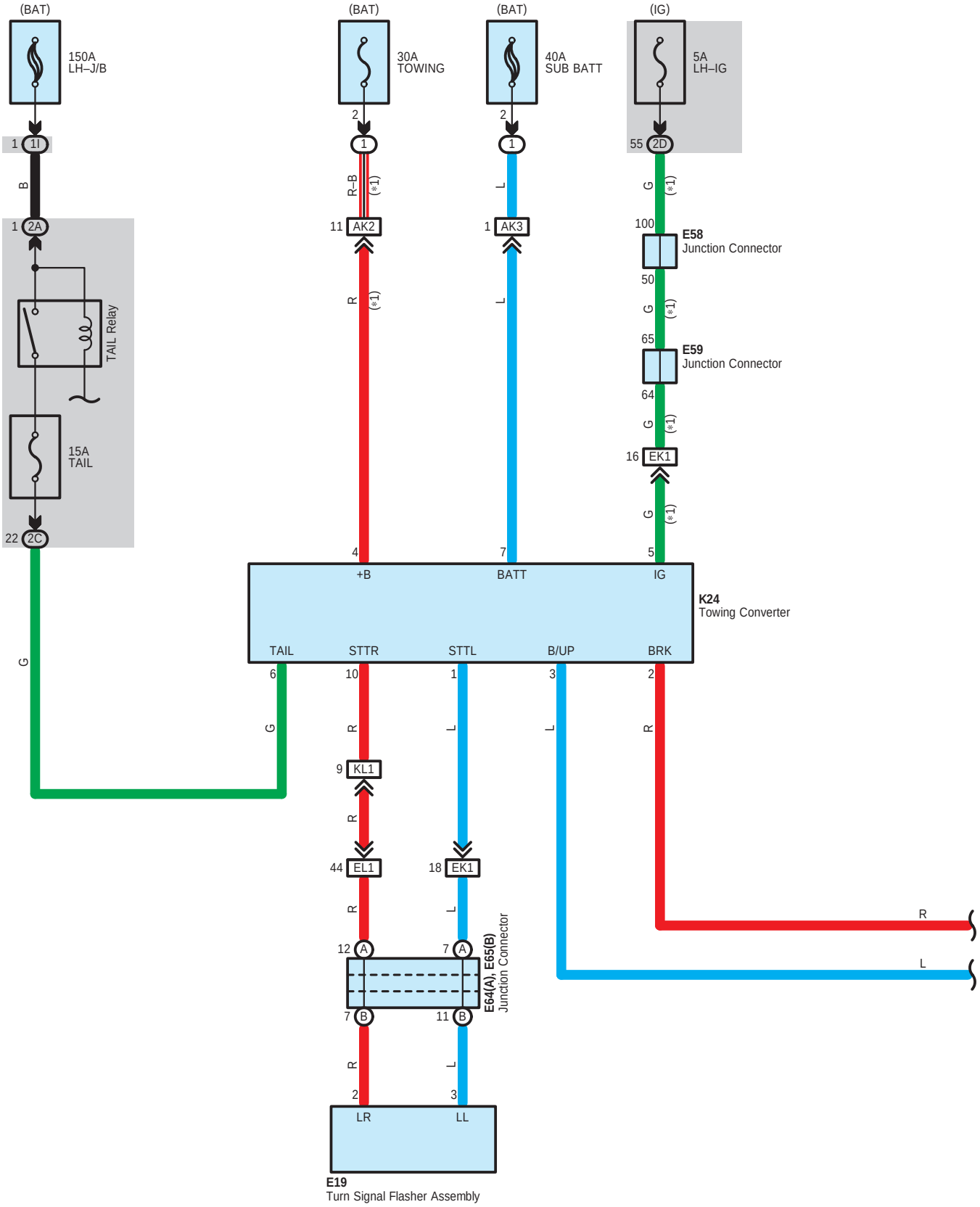
IE6
White

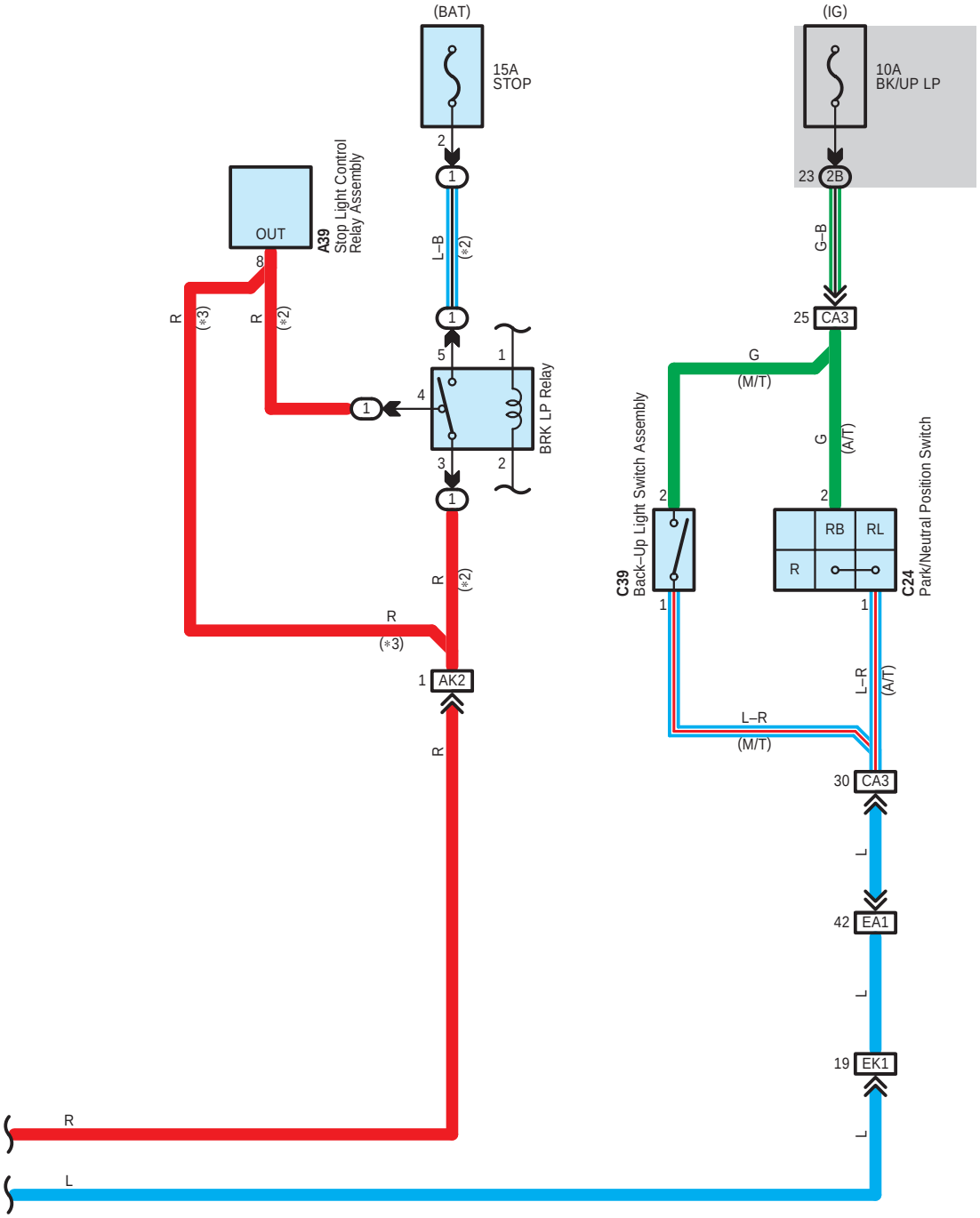


YL1
Blue



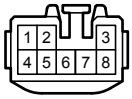

nK1
Blue
1
2
3
4
2
1
4
3


(BAT)
150A
LH–J/B
1
1I
B
1
2A
TAIL Relay
15A
TAIL
22
2C
G
(BAT)
30A
TOWING
2
1
R–B
(*1)
11
AK2
R
(*1)
(BAT)
40A
SUB BATT
2
1
L
1
AK3
L
(IG)
5A
LH–IG
55
2D
G
(*1)
100
E58
Junction Connector
50
G
(*1)
65
E59
Junction Connector
64
G
(*1)
16
EK1
G
(*1)
4
+B
7
BATT
5
IG
K24
Towing Converter
TAIL
STTR
STTL
B/UP
BRK
6
G
10
R
9
KL1
R
44
EL1
R
12
A
7
B
2
R
LR
1
L
18
EK1
L
7
A
11
B
3
L
LL
E64(A), E65(B)
Junction Connector
3
L
2
R
R
L
E19
Turn Signal Flasher Assembly

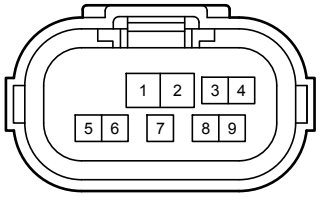


∗ 1 : w/ Rear A/C
∗ 2 : w/ BRK LP Relay
∗ 3 : w/o BRK LP Relay

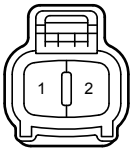
A 39
Black



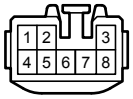
C 24
Gray



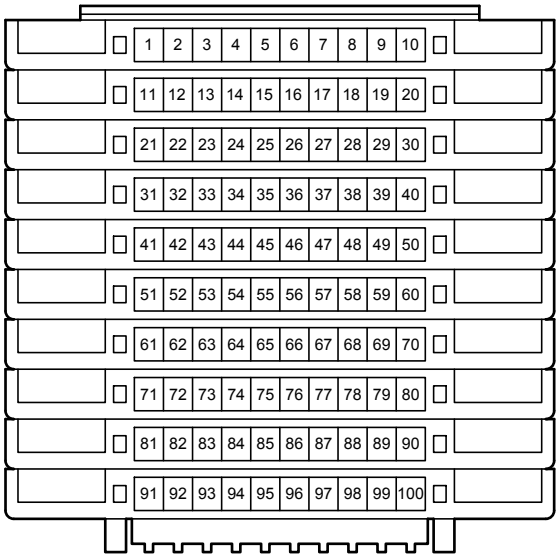
C 39
Gray



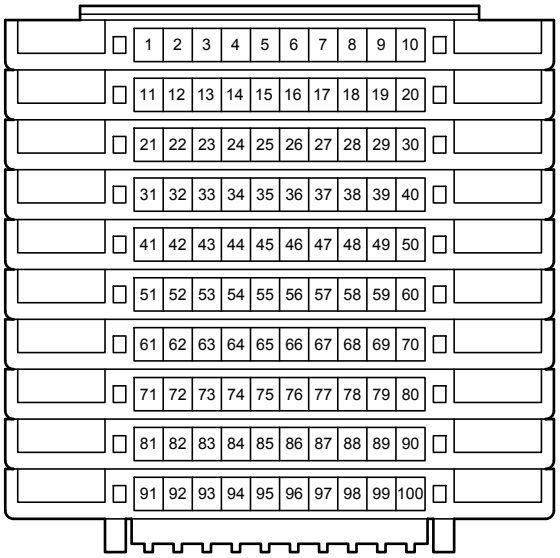
E 19
Black



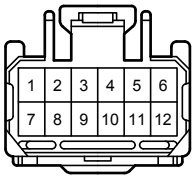
E 58



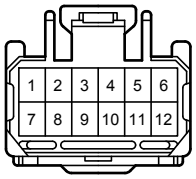
E 59



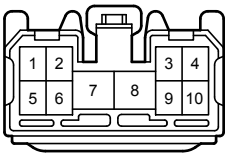
E 64
Black



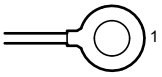
E 65
Black



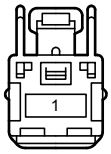
K 24
White



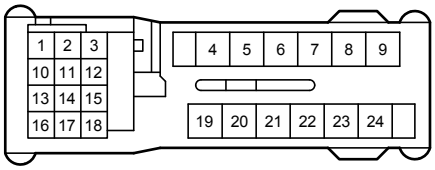
1I



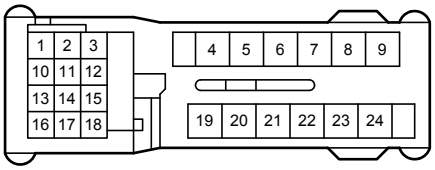
2A
White



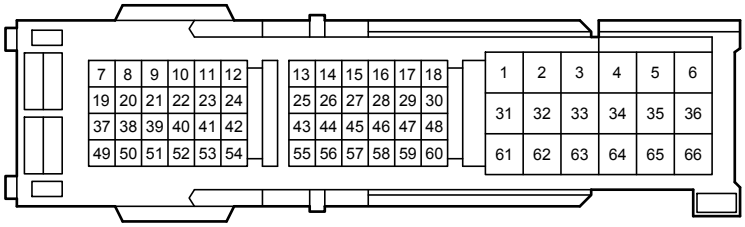
2B
White



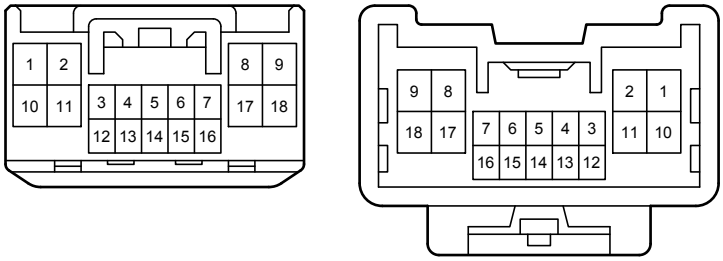
2C
White



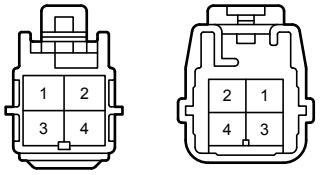
2D
White



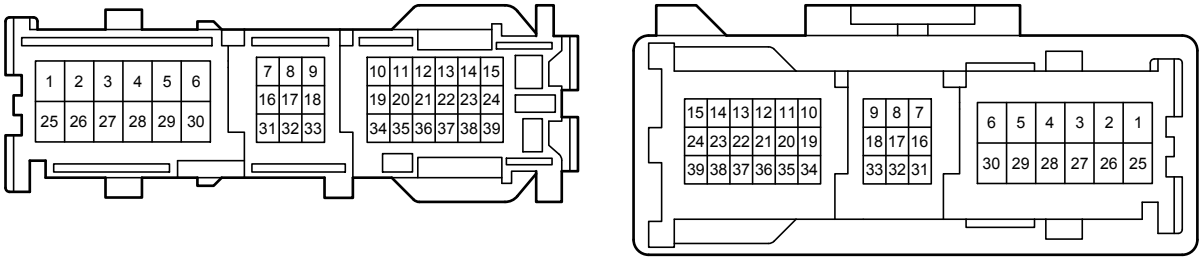
AK2
Gray



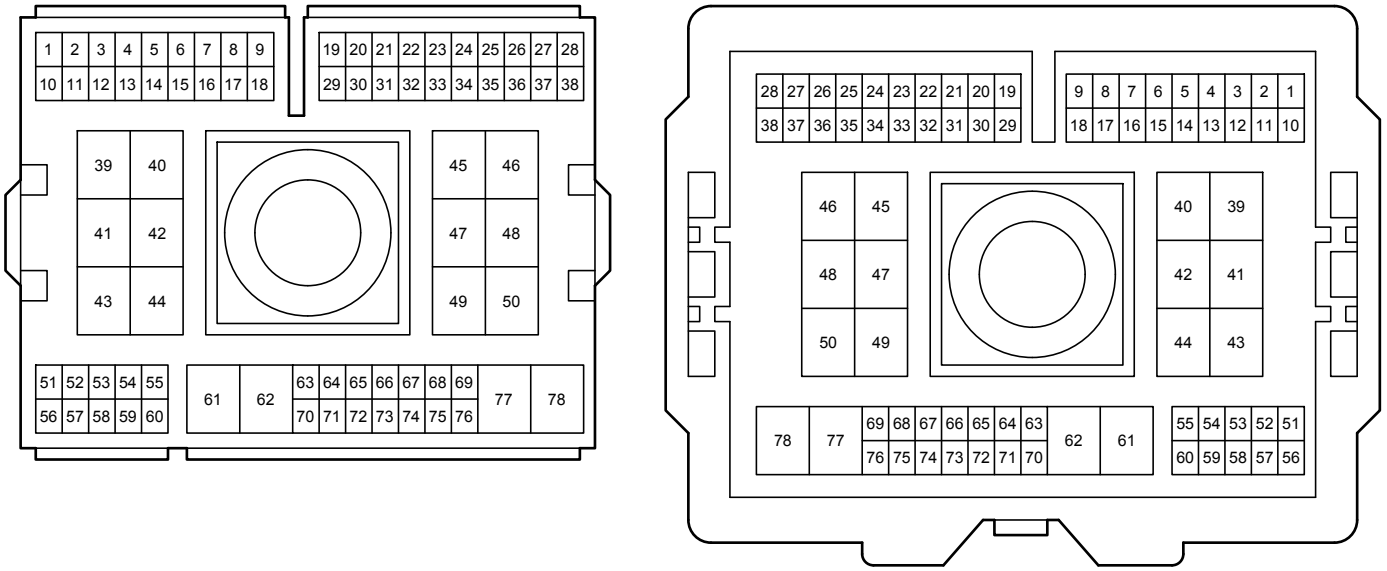
AK3
White



CA3
White

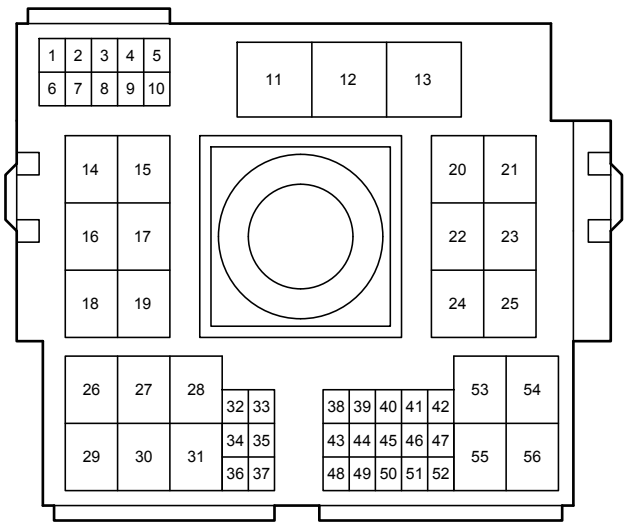


EA1
White

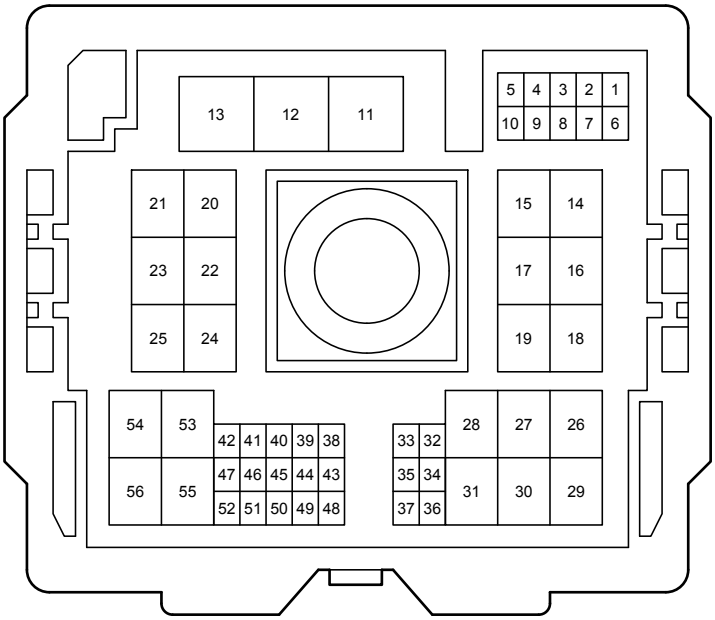


EK1

White

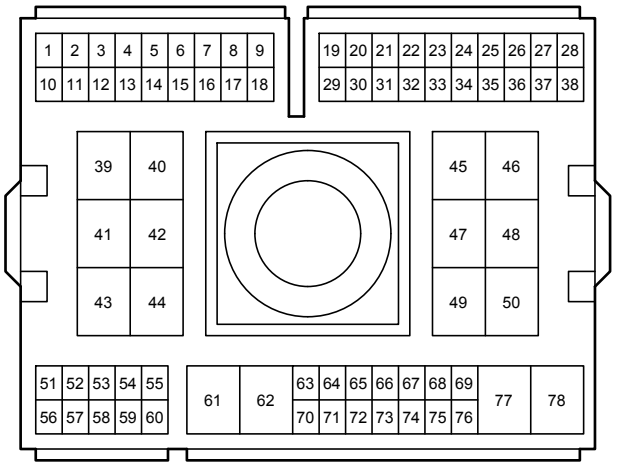


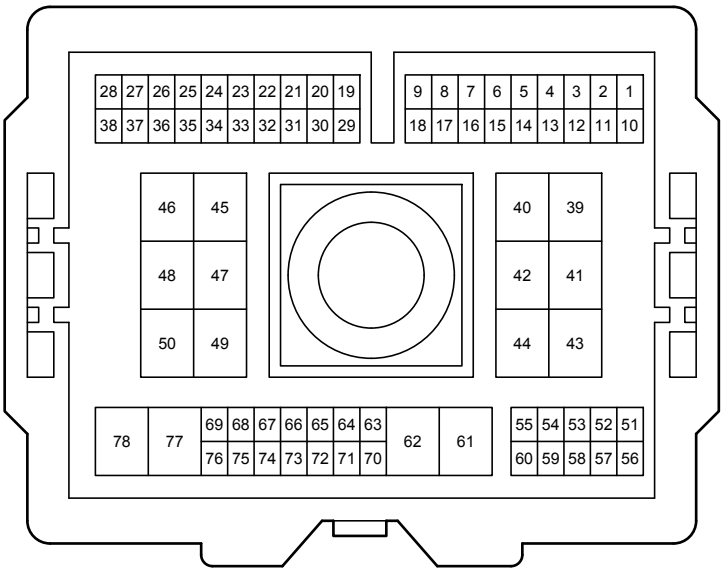
Blue



EL1

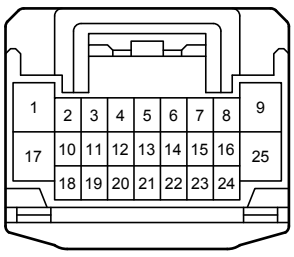
White

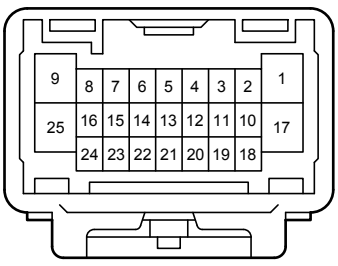


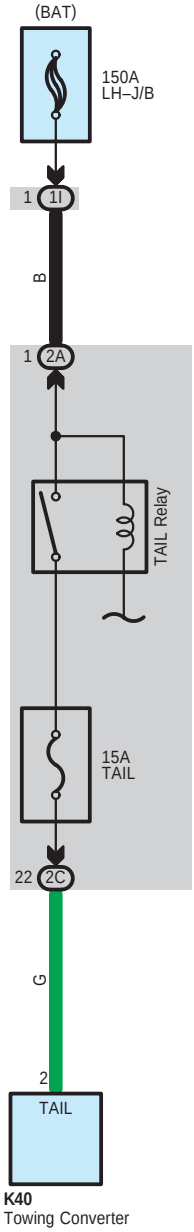


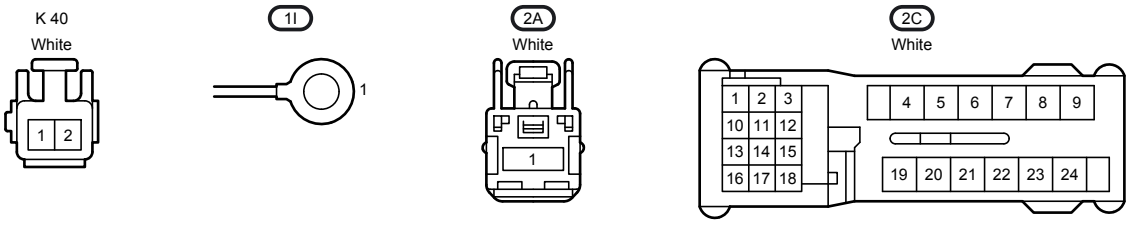
KL1

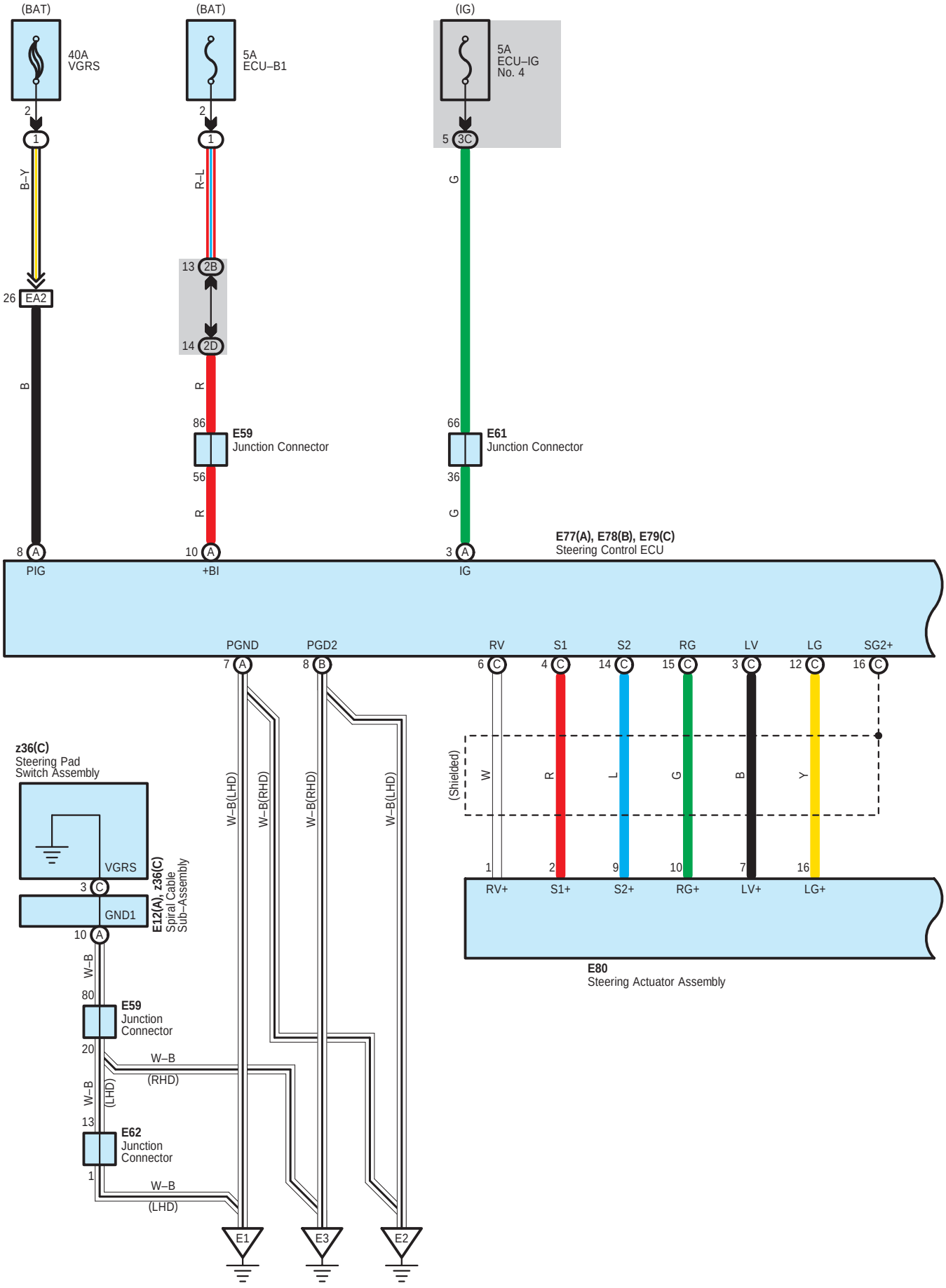
White

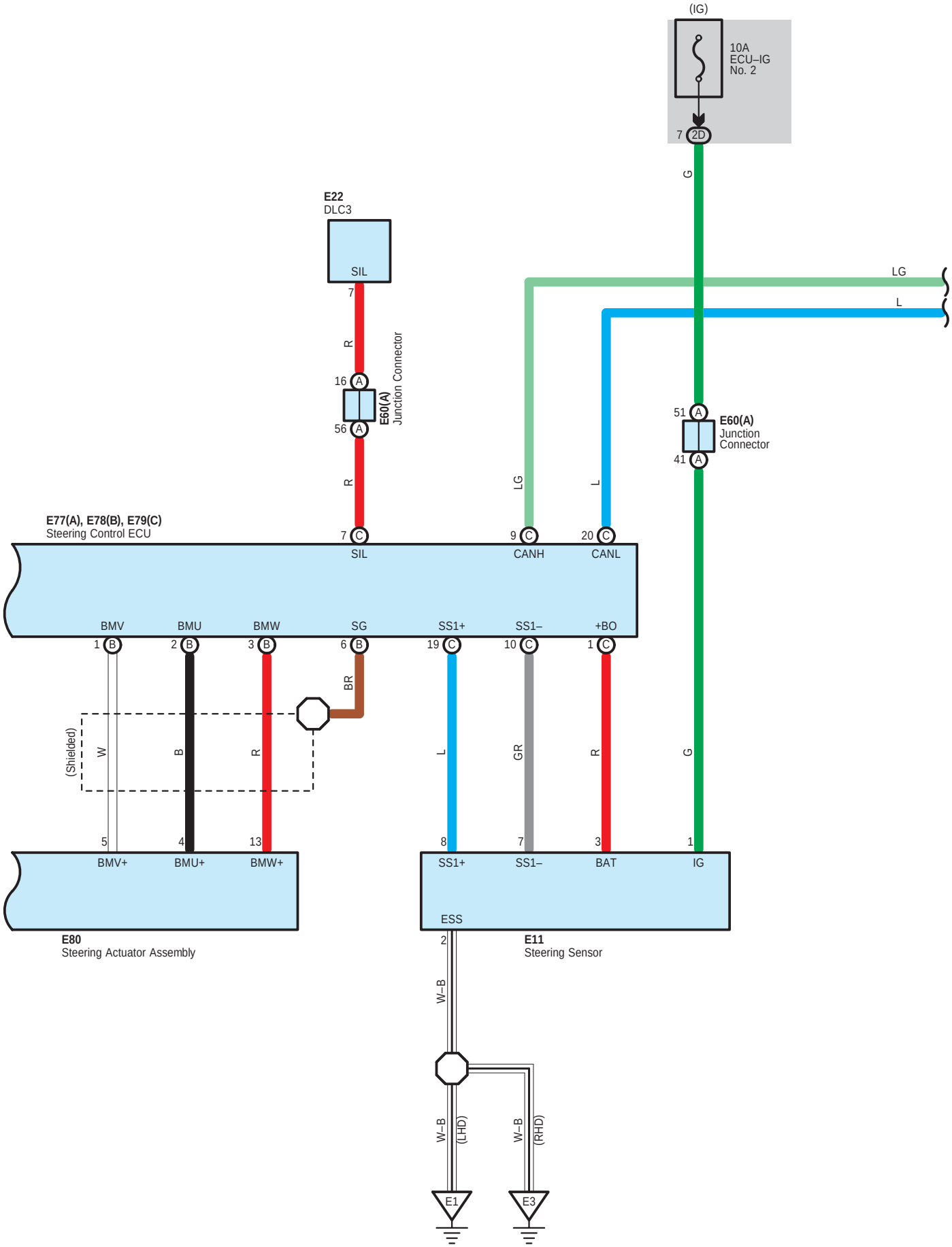


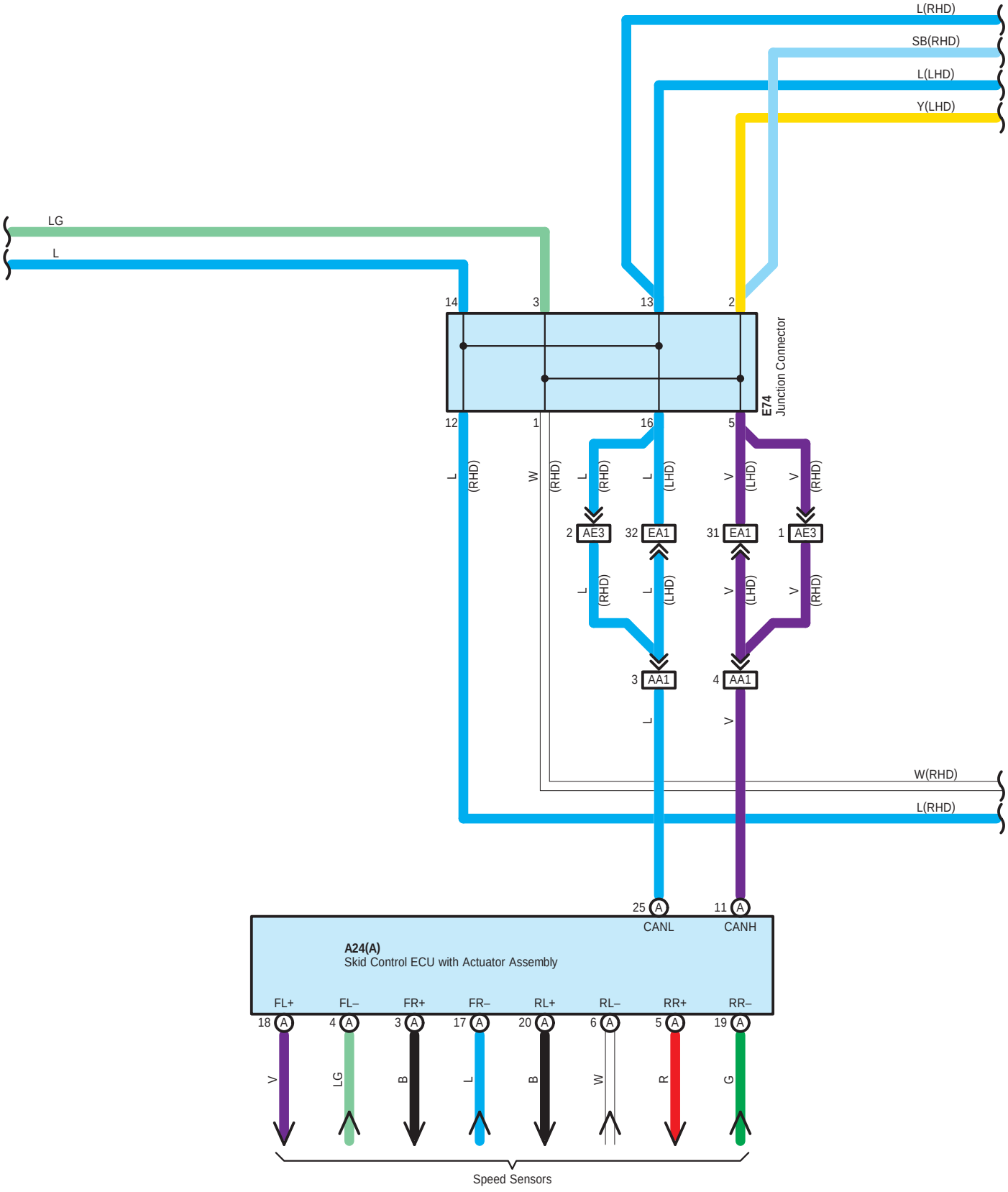


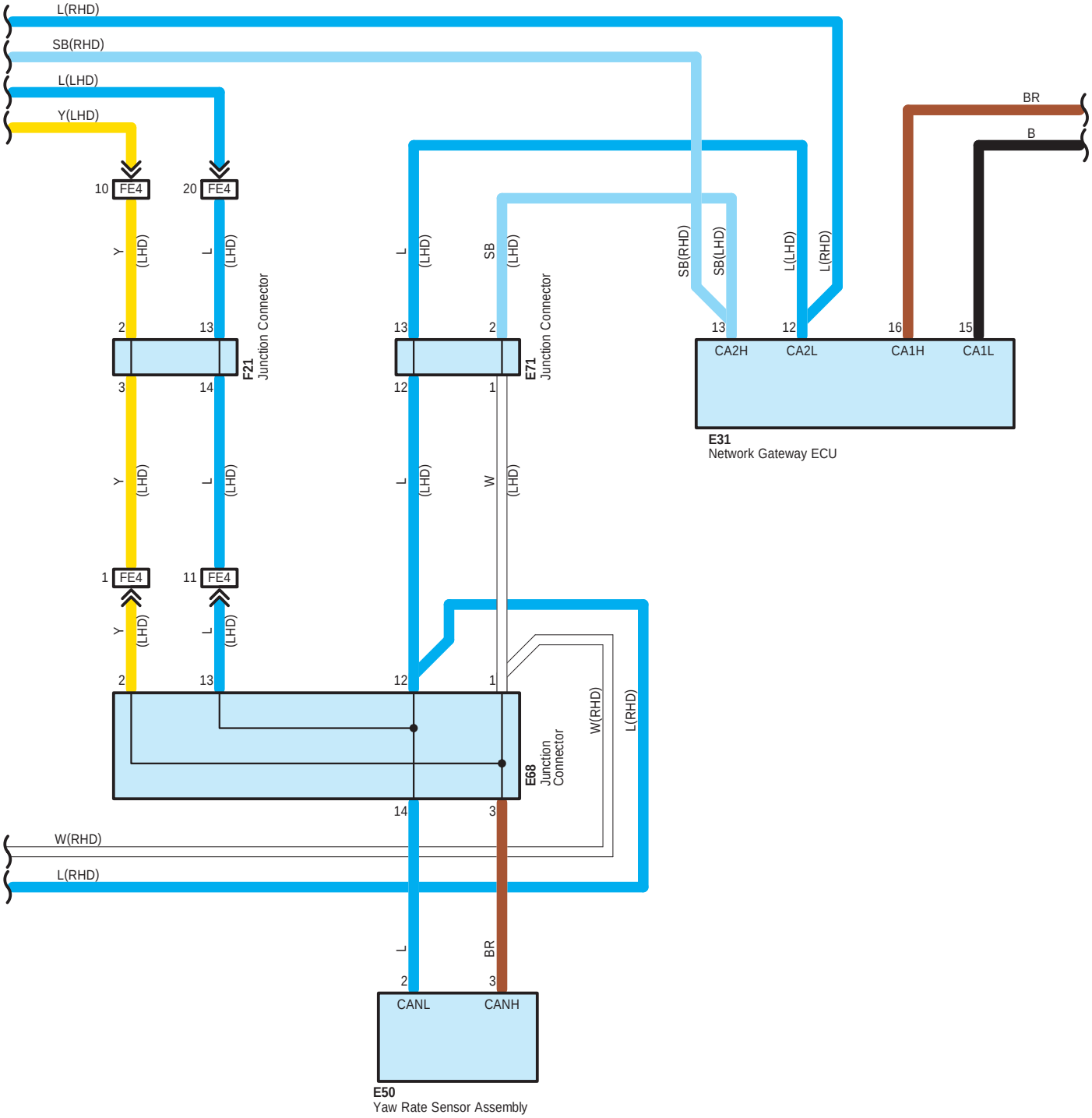

(BAT)
150A
LH–J/B
1
1I
B
1
2A
TAIL Relay
15A
TAIL
22
2C
G
2
TAIL
K40
Towing Converter

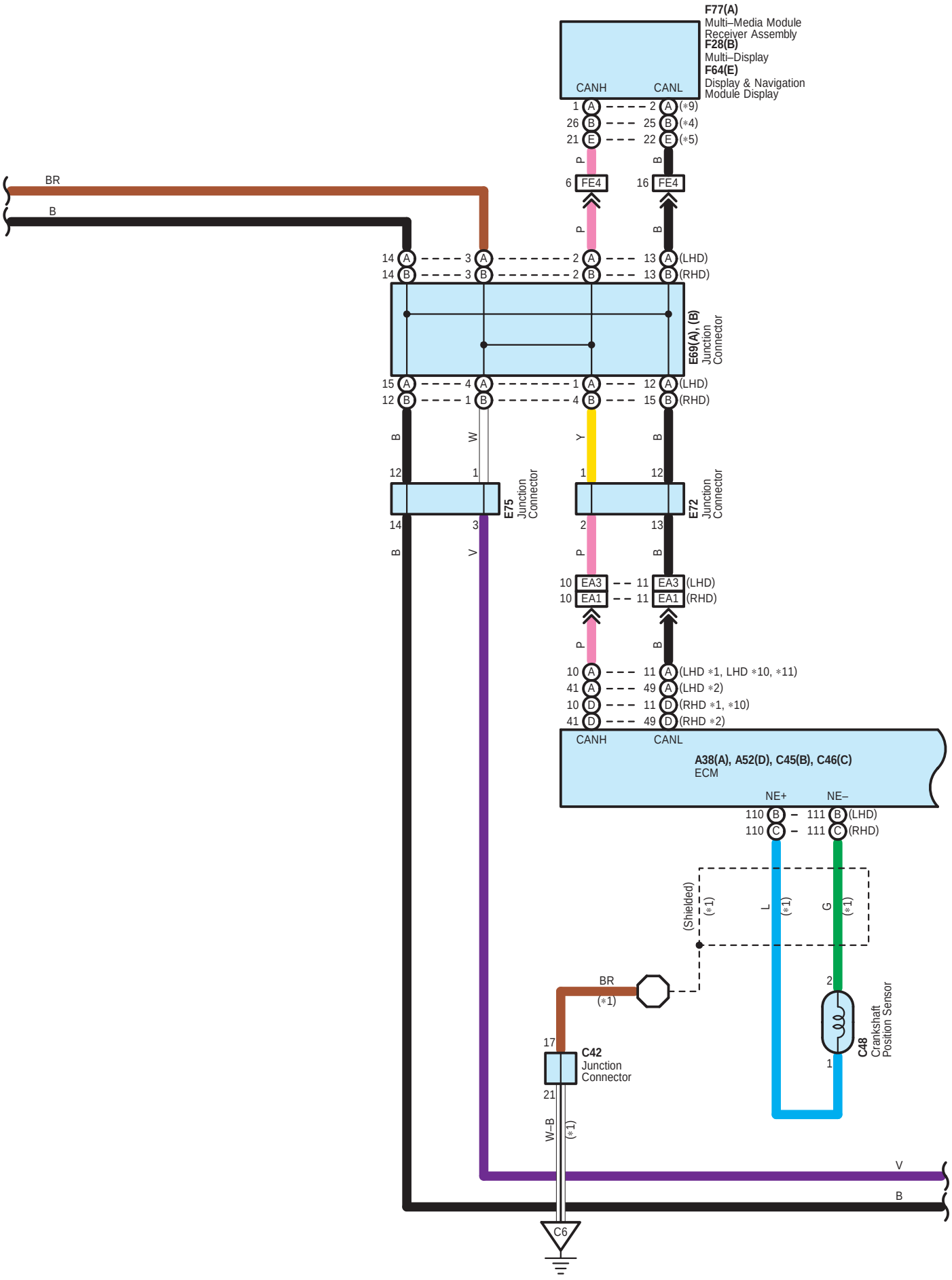

K 40
White
1 2
1I
1
2A
White
1
2C
White
1 2 3
10 11 12
13 14 15
16 17 18
4 5 6 7 8 9
19 20 21 22 23 24


(BAT)
40A
VGRS
2
1
B–Y
26
EA2
B
8
A
PIG
(BAT)
5A
ECU–B1
2
1
R–L
13
2B
14
2D
R
86
E59
Junction Connector
56
R
10
A
+BI
(IG)
5A
ECU–IG
No. 4
5
3C
G
66
E61
Junction Connector
36
G
3
A
IG
E77(A), E78(B), E79(C)
Steering Control ECU
PGND
PGD2
RV
S1
S2
RG
LV
LG
SG2+
7
A
8
B
6
C
4
C
14
C
15
C
3
C
12
C
16
C
(Shielded)
W
R
L
G
B
Y
1
2
9
10
7
16
RV+
S1+
S2+
RG+
LV+
LG+
E80
Steering Actuator Assembly
z36(C)
Steering Pad
Switch Assembly
VGRS
3
C
GND1
10
A
E12(A), z36(C)
Spiral Cable
Sub–Assembly
W–B
80
E59
Junction
Connector
20
W–B
(RHD)
W–B
(LHD)
13
E62
Junction
Connector
1
W–B
(LHD)
W–B(LHD)
W–B(RHD)
W–B(RHD)
W–B(LHD)
E1
E3
E2

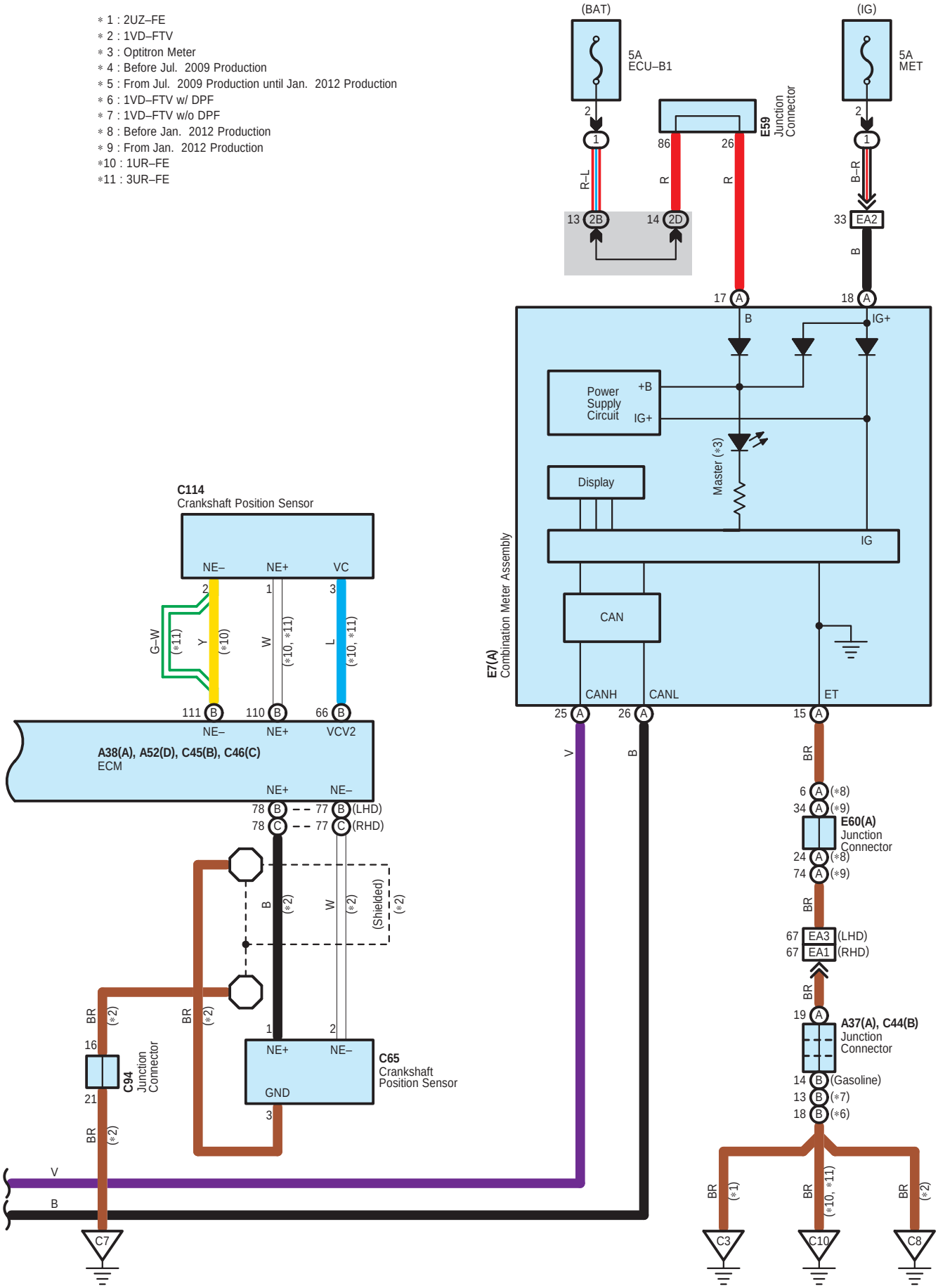

(IG)
10A
ECU–IG
No. 2
7 2D
G
E22
DLC3
SIL
7
R
16 A
E60(A)
Junction Connector
56 A
R
LG
L
LG
L
51 A
E60(A)
Junction
Connector
41 A
E77(A), E78(B), E79(C)
Steering Control ECU
7 C
SIL
9 C
CANH
20 C
CANL
BMV
BMU
BMW
SG
SS1+
SS1–
+BO
1 B
2 B
3 B
6 B
19 C
10 C
1 C
BR
(Shielded)
W
B
R
L
GR
R
G
5
4
13
8
7
3
1
BMV+
BMU+
BMW+
SS1+
SS1–
BAT
IG
ESS
2
W–B
W–B
(LHD)
W–B
(RHD)
E1
E3
E80
Steering Actuator Assembly
E11
Steering Sensor


L(RHD)
SB(RHD)
L(LHD)
Y(LHD)
LG
L
14
3
13
2
E74
Junction Connector
12
1
16
5
L (RHD)
W (RHD)
L (RHD)
L (LHD)
V (LHD)
V (RHD)
2 AE3
32 EA1
31 EA1
1 AE3
L (RHD)
L (LHD)
V (LHD)
V (RHD)
3 AA1
4 AA1
L
V
W(RHD)
L(RHD)
25 A
11 A
CANL
CANH
A24(A)
Skid Control ECU with Actuator Assembly
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
V
LG
B
L
B
W
R
G
Speed Sensors

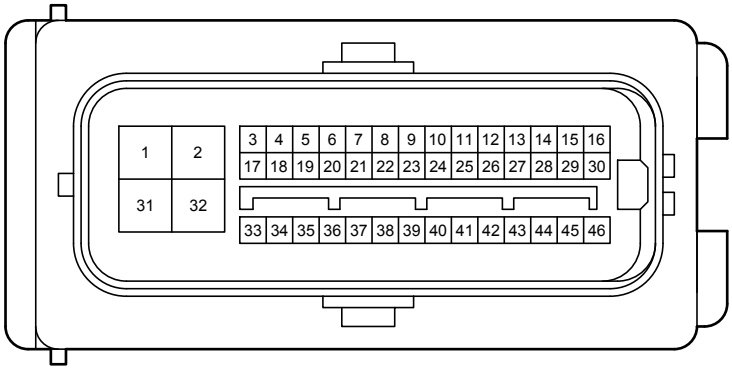

L(RHD)
SB(RHD)
L(LHD)
Y(LHD)
BR
B
10 FE4
20 FE4
Y (LHD)
L (LHD)
2
13
3
14
F21
Junction Connector
L (LHD)
SB (LHD)
13
2
12
1
E71
Junction Connector
SB(RHD)
SB(LHD)
L(LHD)
L(RHD)
13
12
16
15
CA2H
CA2L
CA1H
CA1L
E31
Network Gateway ECU
1 FE4
11 FE4
W (LHD)
W(RHD)
L(RHD)
E68
Junction Connector
14
3
W(RHD)
L(RHD)
BR
CANL
CANH
E50
Yaw Rate Sensor Assembly


F77(A)
Multi–Media Module Receiver Assembly
F28(B)
Multi–Display
F64(E)
Display & Navigation Module Display
CANH
CANL
1 A
2 A (*9)
26 B
25 B (*4)
21 E
22 E (*5)
P
B
6 FE4
16 FE4
BR
B
14 A
3 A
2 A
13 A (LHD)
14 B
3 B
2 B
13 B (RHD)
E69(A), (B)
Junction Connector
15 A
4 A
1 A
12 A (LHD)
12 B
1 B
4 B
15 B (RHD)
W
Y
12
1
E75
Junction Connector
E72
Junction Connector
14
3
2
13
V
10 EA3
11 EA3 (LHD)
10 EA1
11 EA1 (RHD)
10 A
11 A (LHD *1, LHD *10, *11)
41 A
49 A (LHD *2)
10 D
11 D (RHD *1, *10)
41 D
49 D (RHD *2)
A38(A), A52(D), C45(B), C46(C)
ECM
NE+
NE–
110 B
111 B (LHD)
110 C
111 C (RHD)
(Shielded)
(*1)
L
G
BR
17
C42
Junction Connector
21
W–B
2
1
C48
Crankshaft Position Sensor
V
B
C6

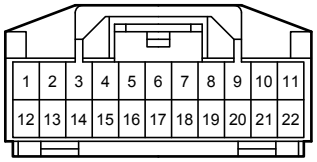
∗ 1 : 2UZ–FE
∗ 2 : 1VD–FTV
∗ 3 : Optitron Meter
∗ 4 : Before Jul. 2009 Production
∗ 5 : From Jul. 2009 Production until Jan. 2012 Production
∗ 6 : 1VD–FTV w/ DPF
∗ 7 : 1VD–FTV w/o DPF
∗ 8 : Before Jan. 2012 Production
∗ 9 : From Jan. 2012 Production
∗10 : 1UR–FE
∗11 : 3UR–FE



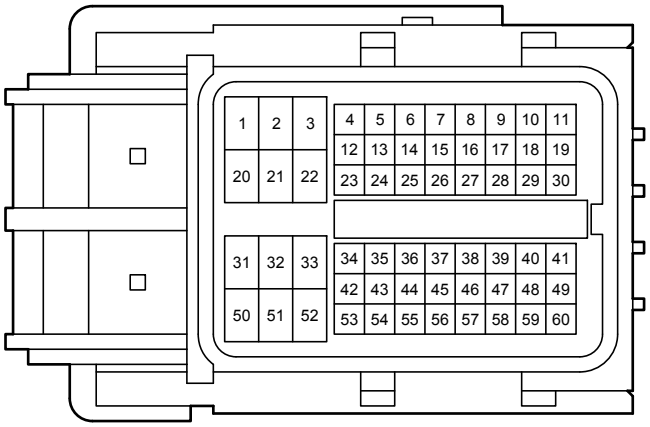
A 24
Black



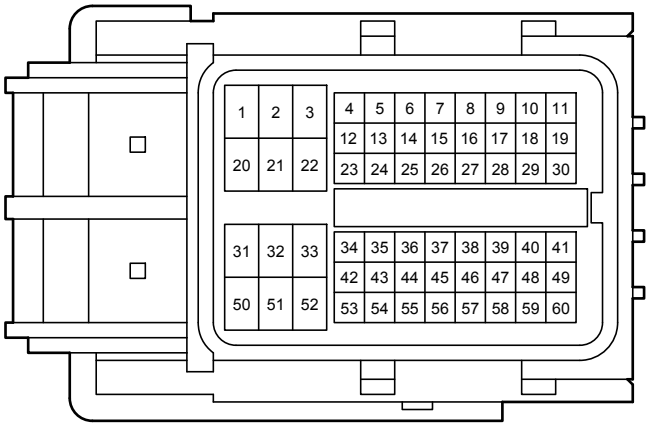
A 37
Blue



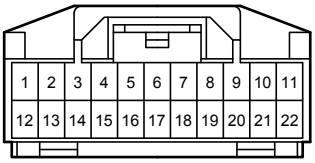
A 38
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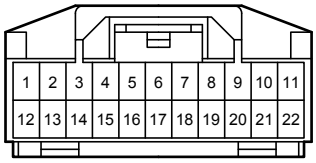
A 52
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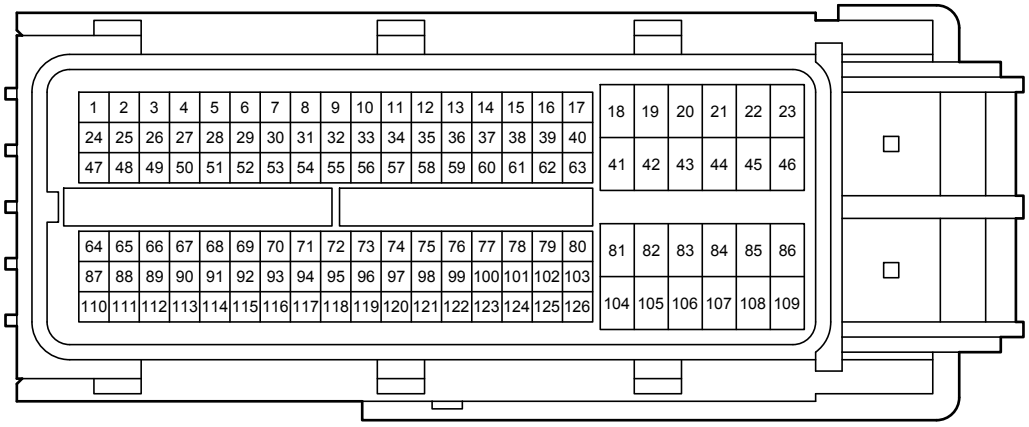
C 42
White



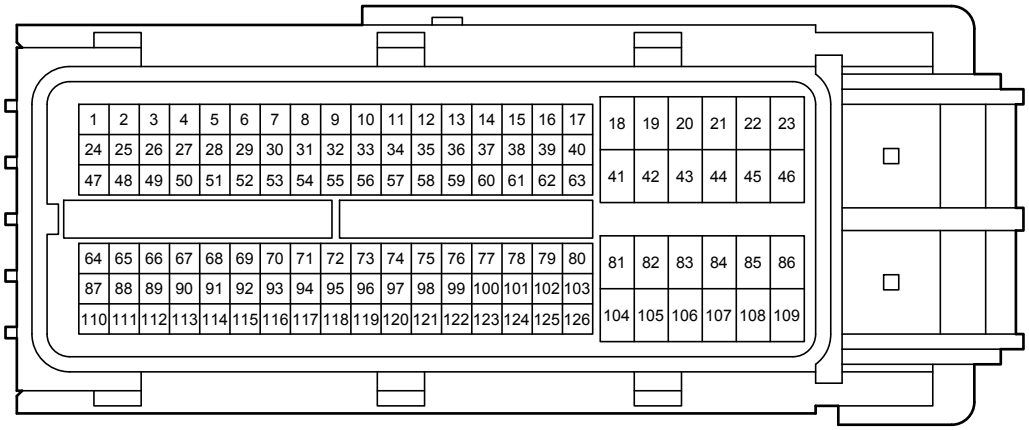
C 44
Blue



C 45
Black



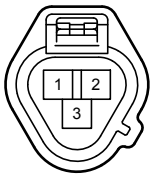
C 46
Black



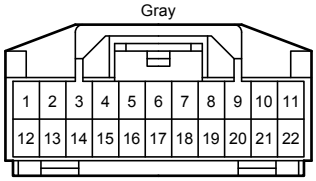
C 48
Dark Gray



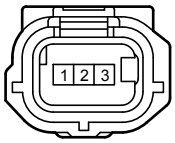
C 65
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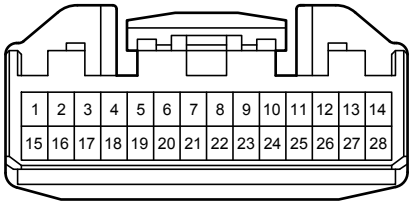
C 94
Gray



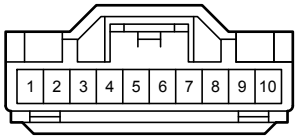
C114
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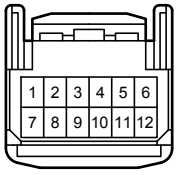
E 7
White



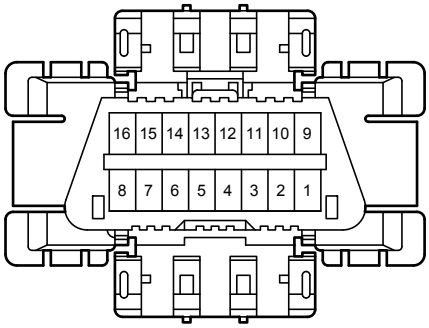
E 11
Gray



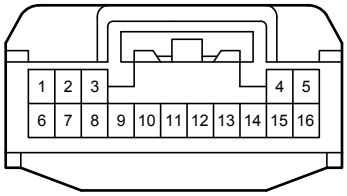
E 12
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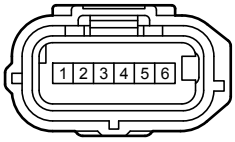
E 22
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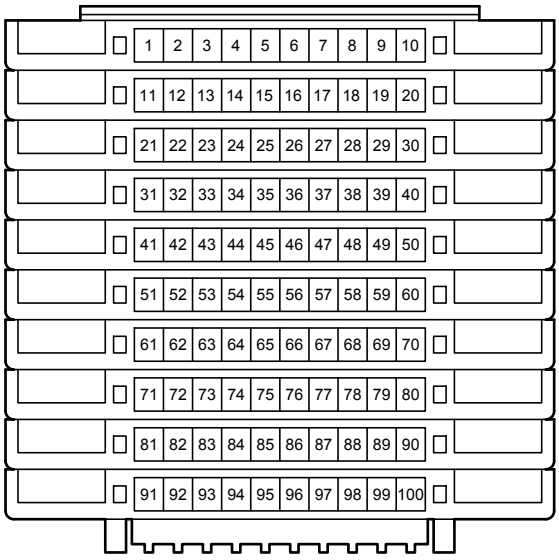
E 31
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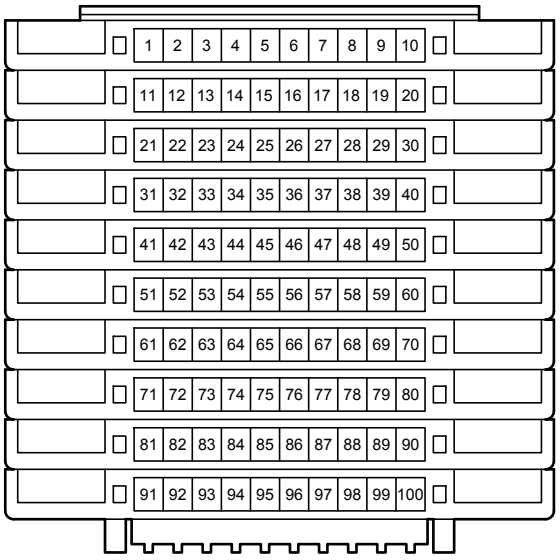
E 50
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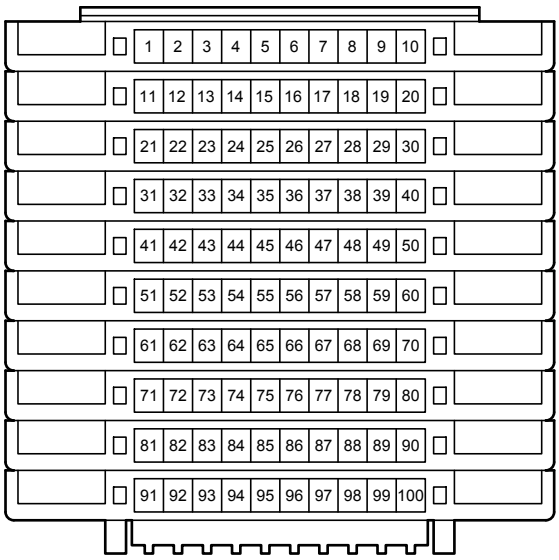
E 59



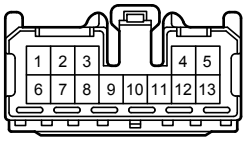
E 60



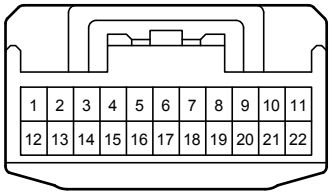
E 61



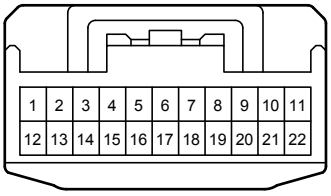
E 62
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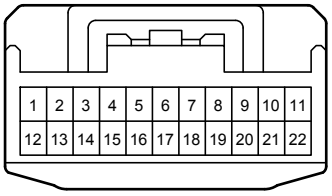
E 68
Gray



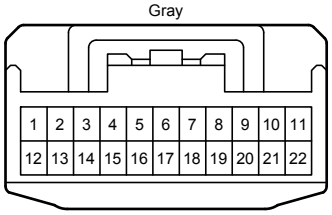
E 69
Gray



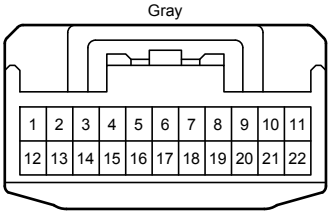
E 71
Gray



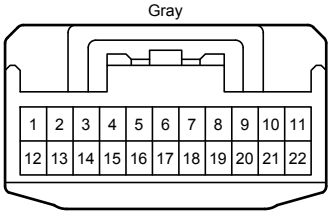
E 72
Gray



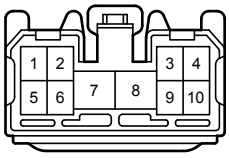
E 74
Gray



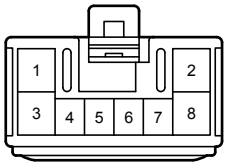
E 75
Gray



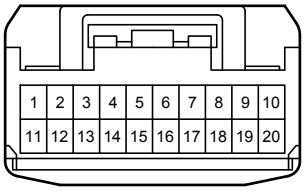
E 77
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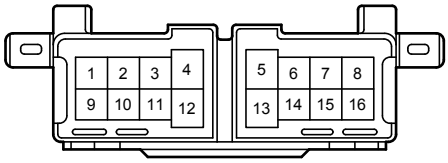
E 78
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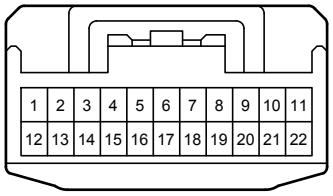
E 79
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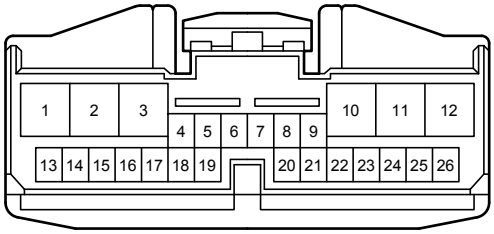
E 80
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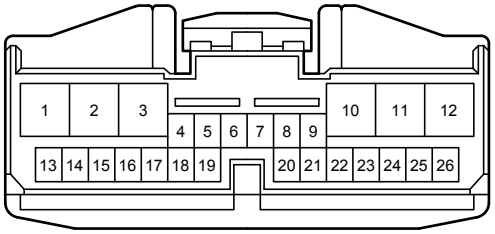
F 21
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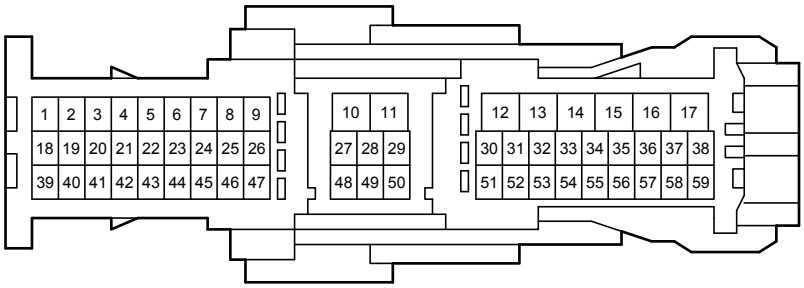
F 28
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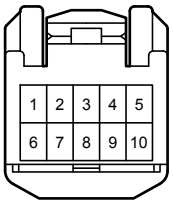
F 64
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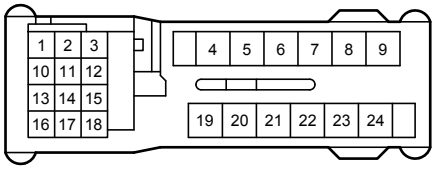
F 77
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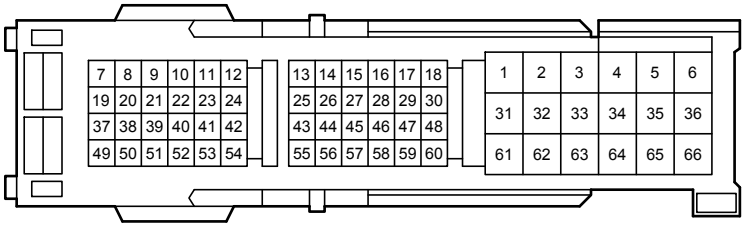
z 36
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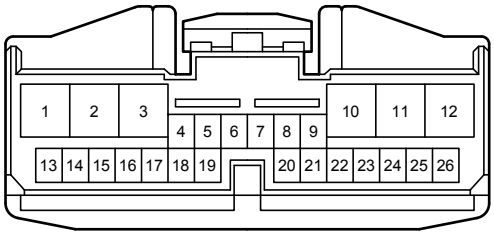
2B
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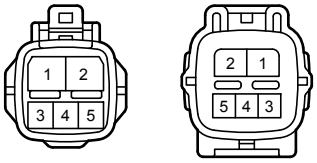
2D
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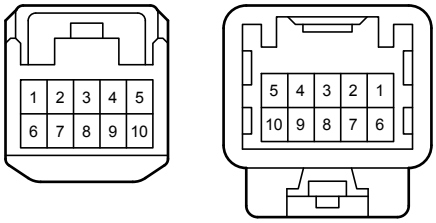
3C
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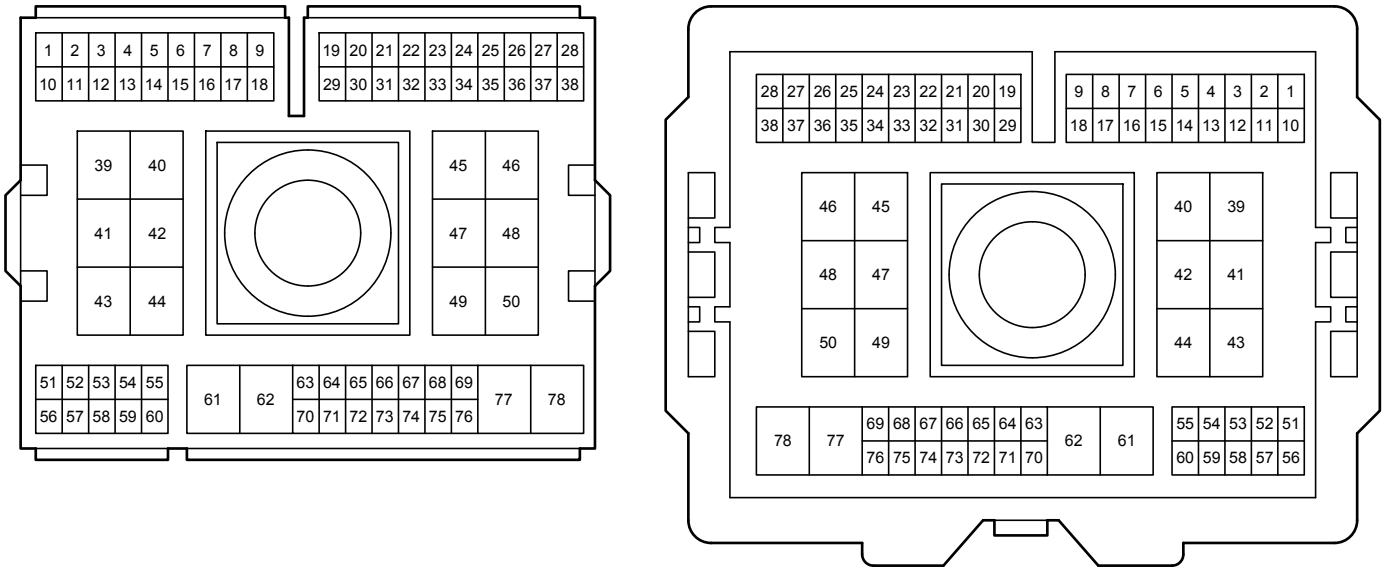
AA1
Gray



AE3
Gray

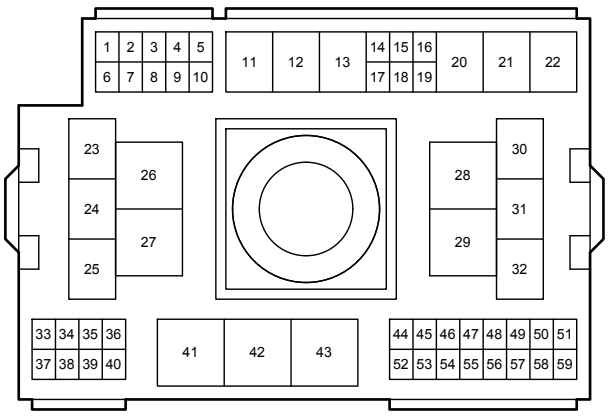


EA1
White

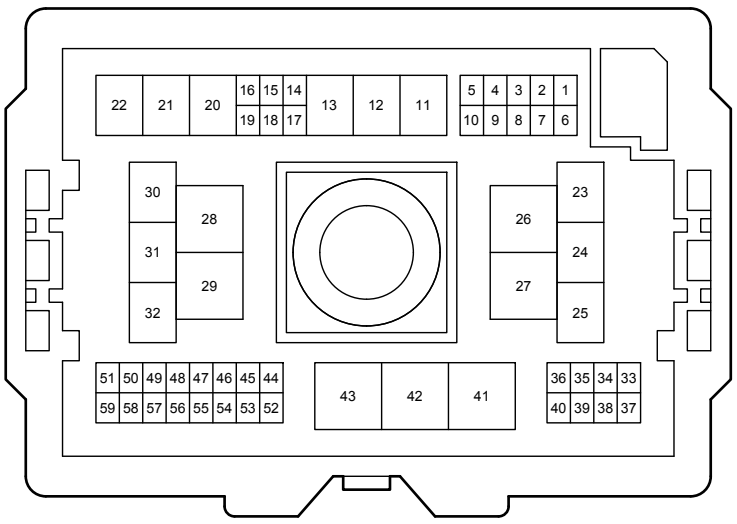


EA2

White

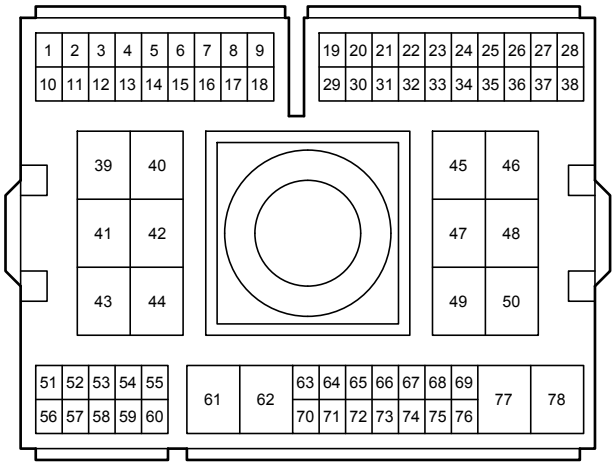


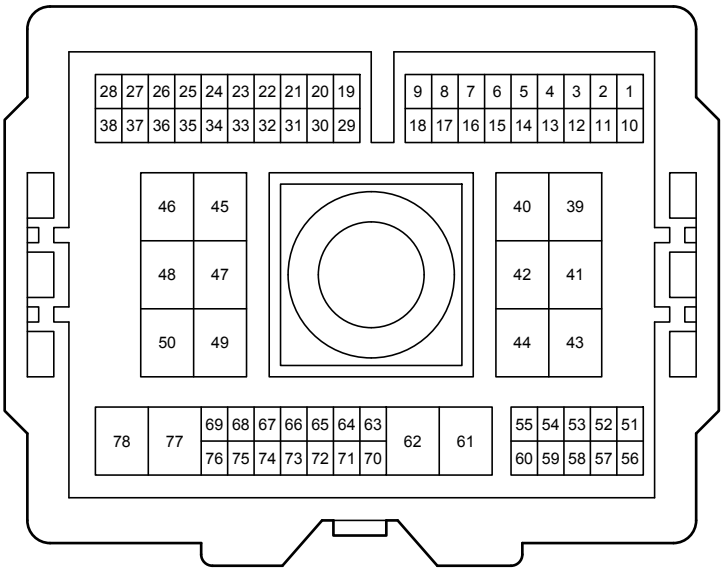
Gray



EA3

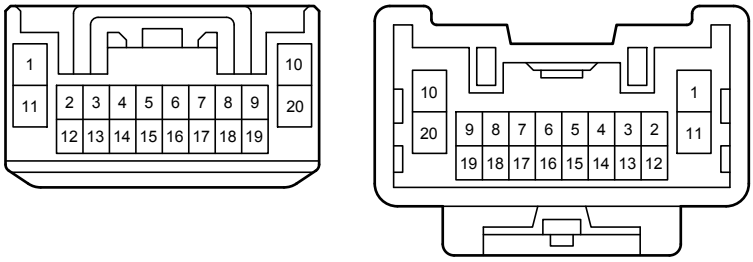
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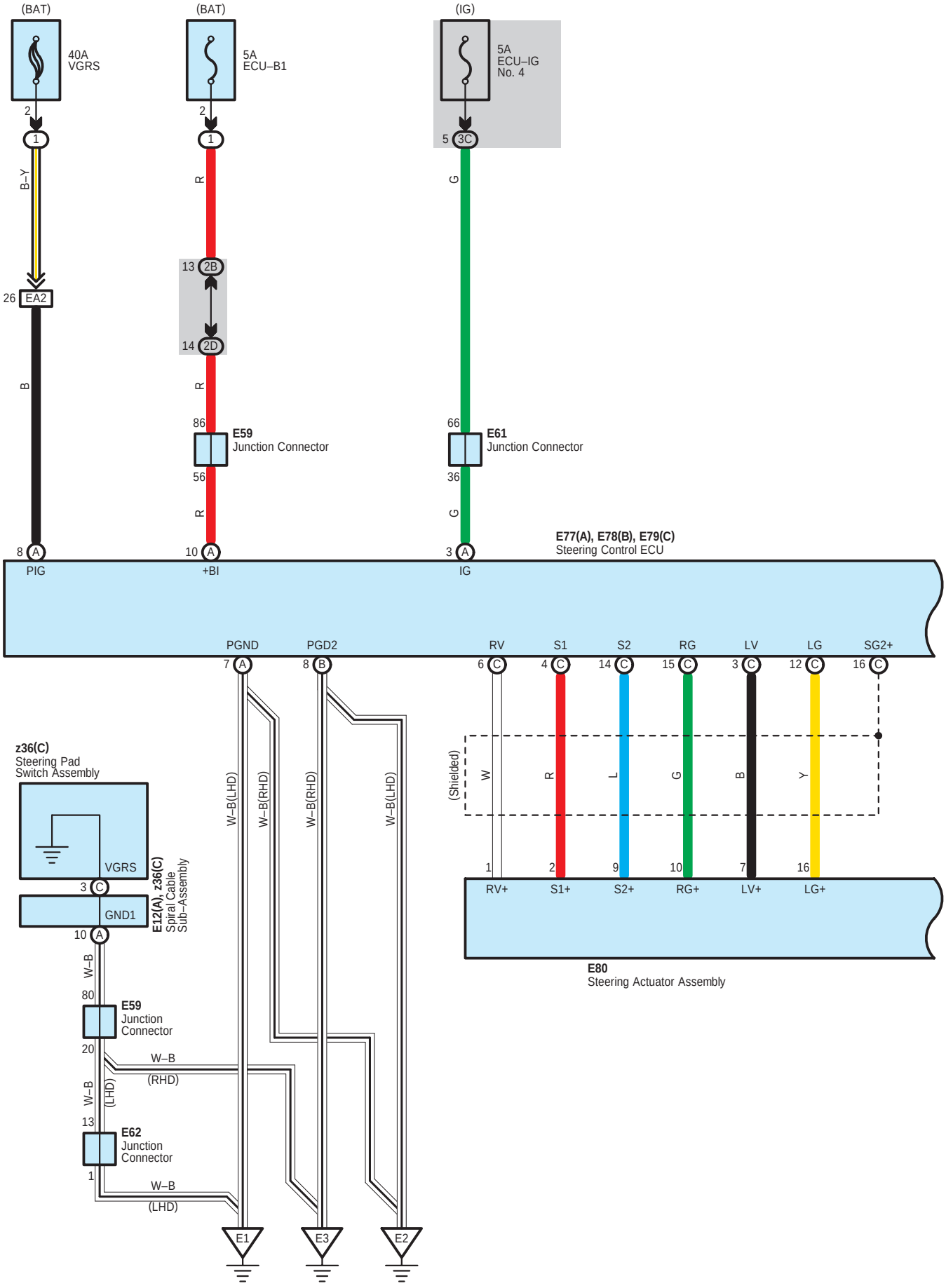


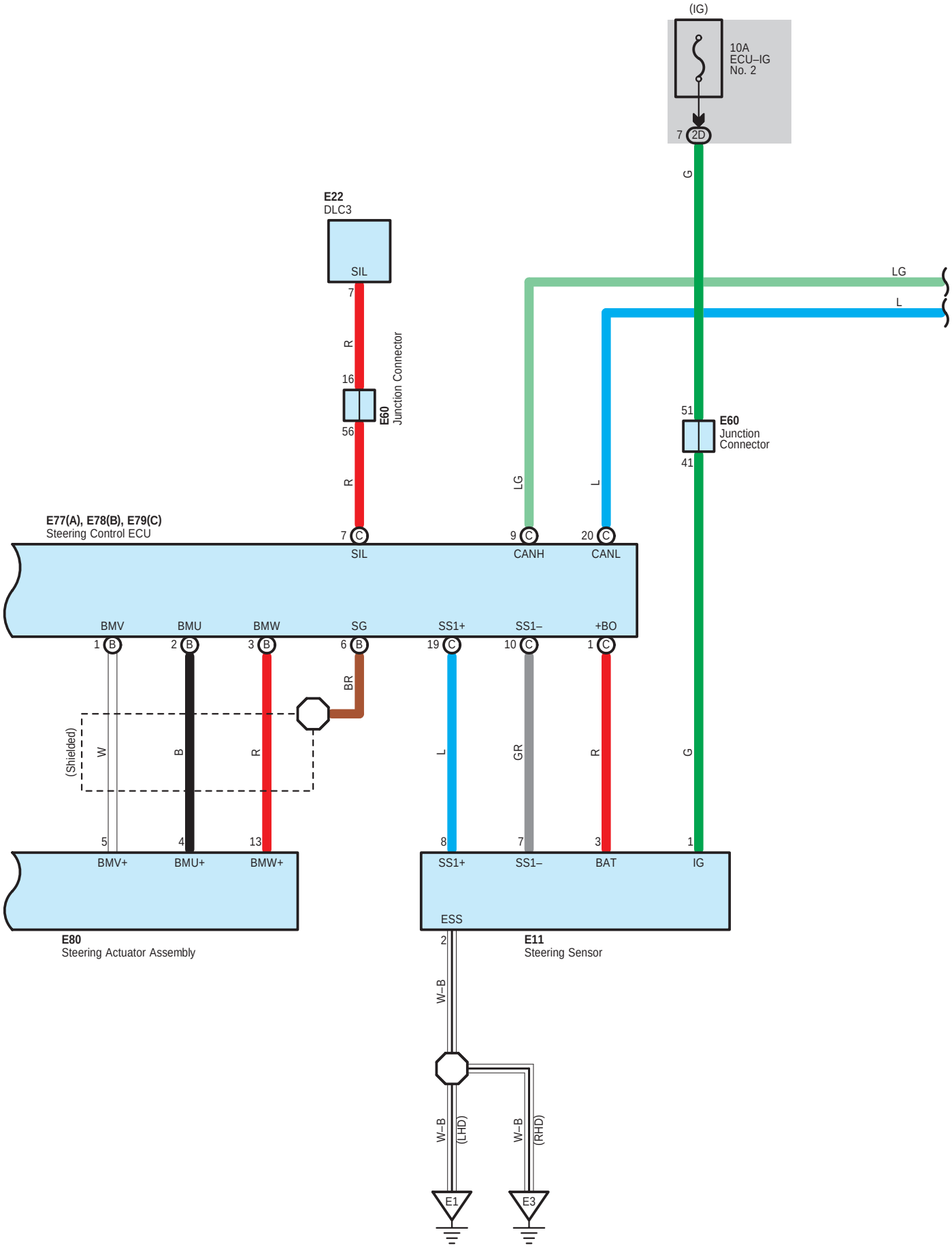


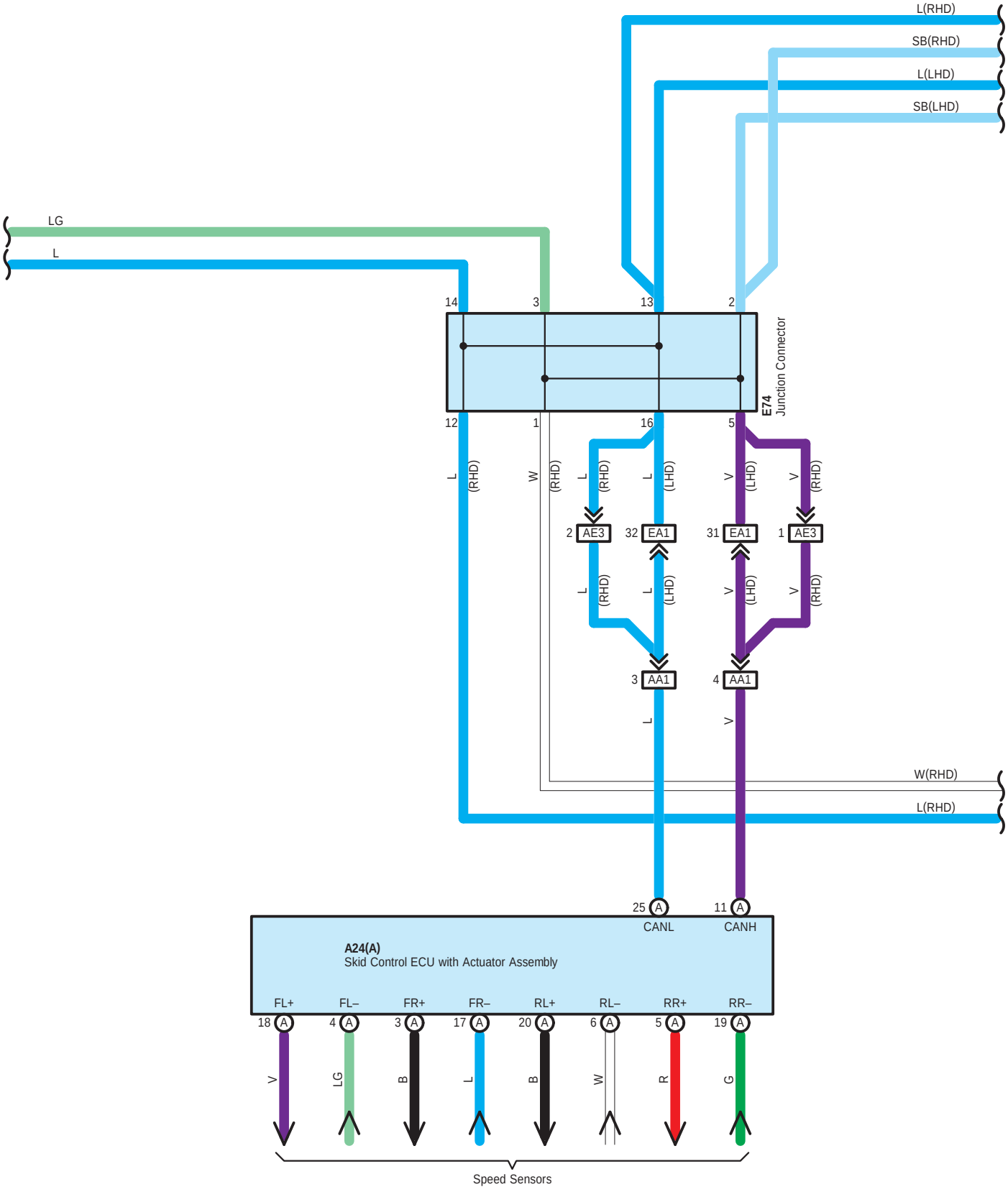
FE4

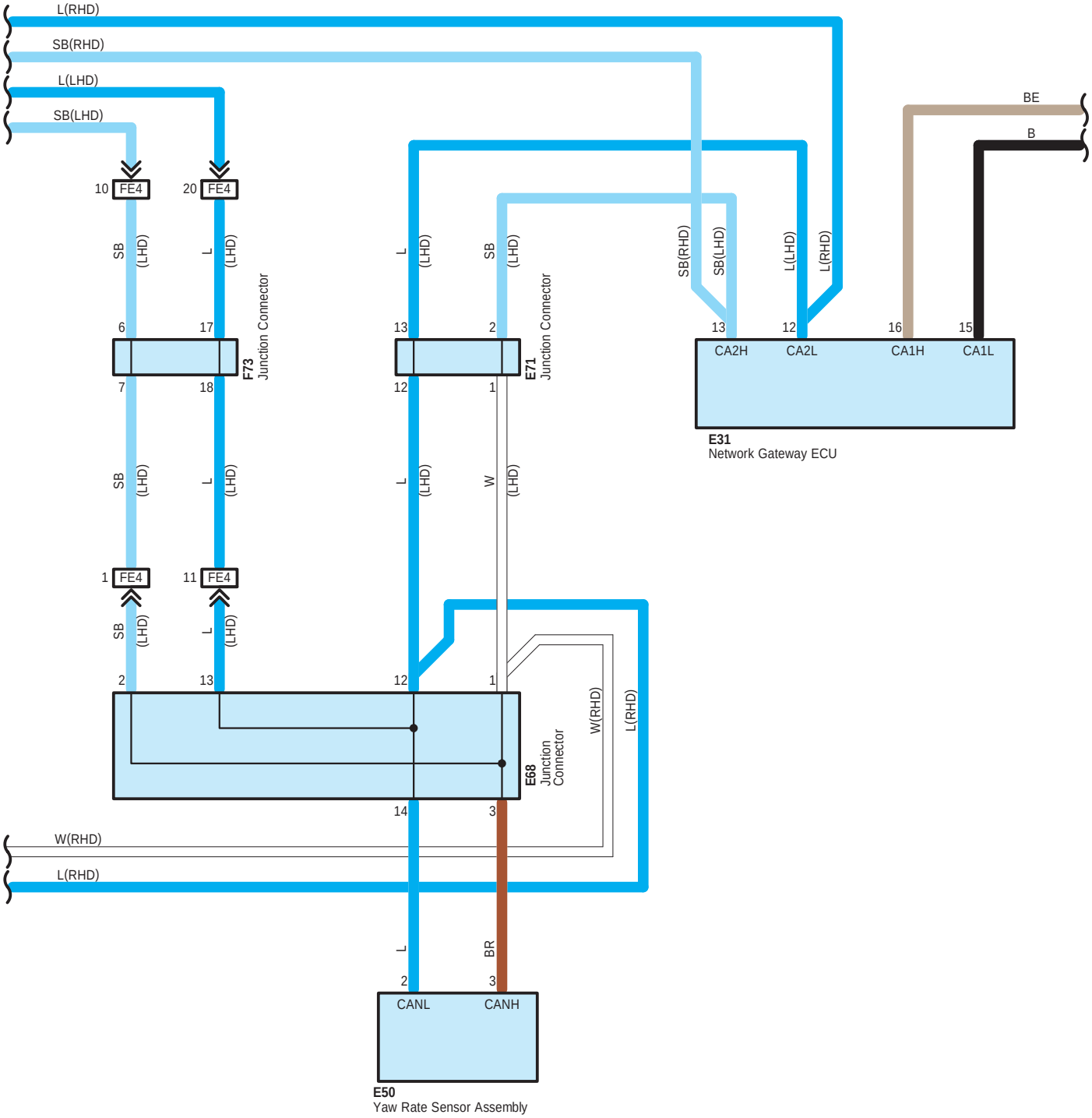
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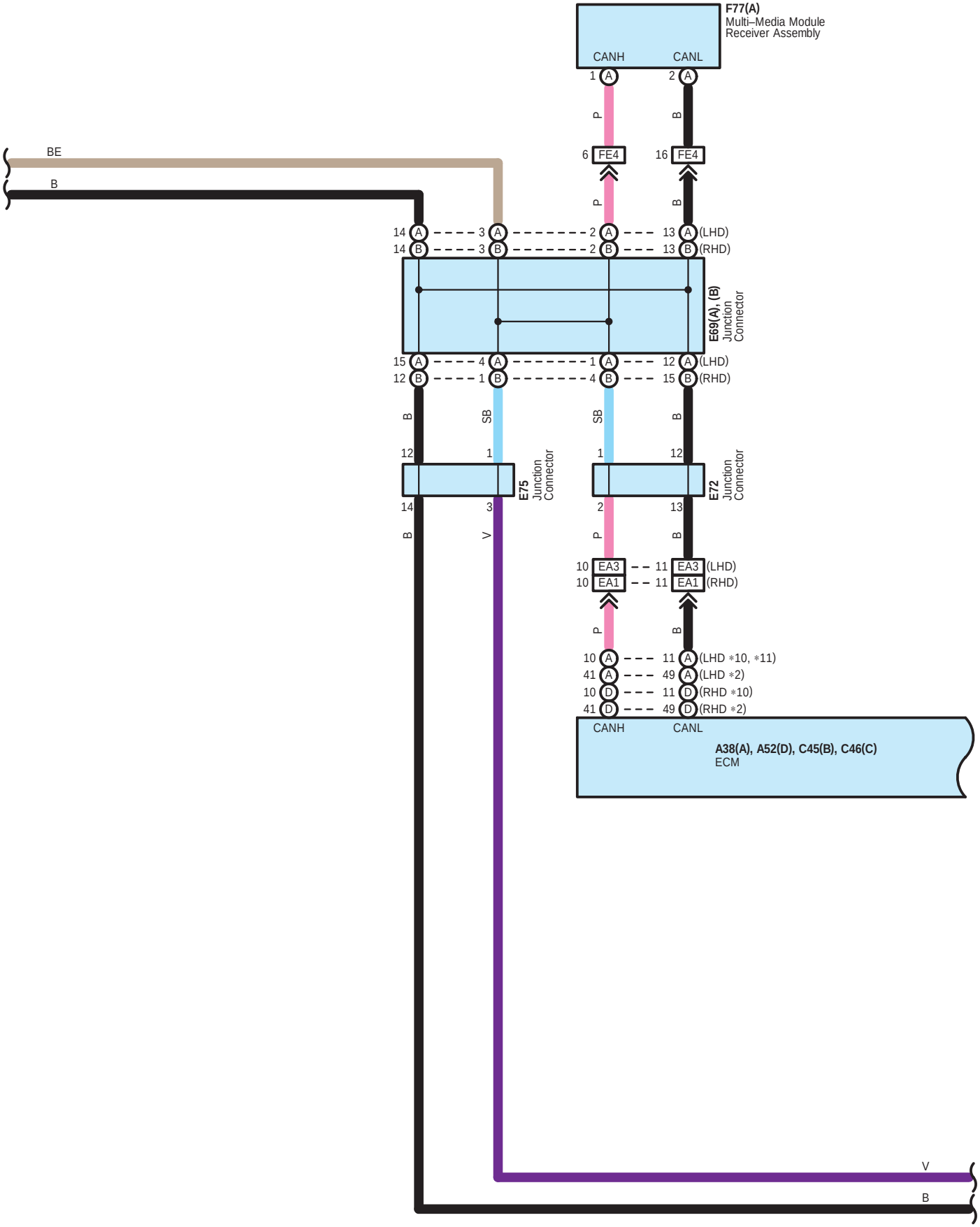


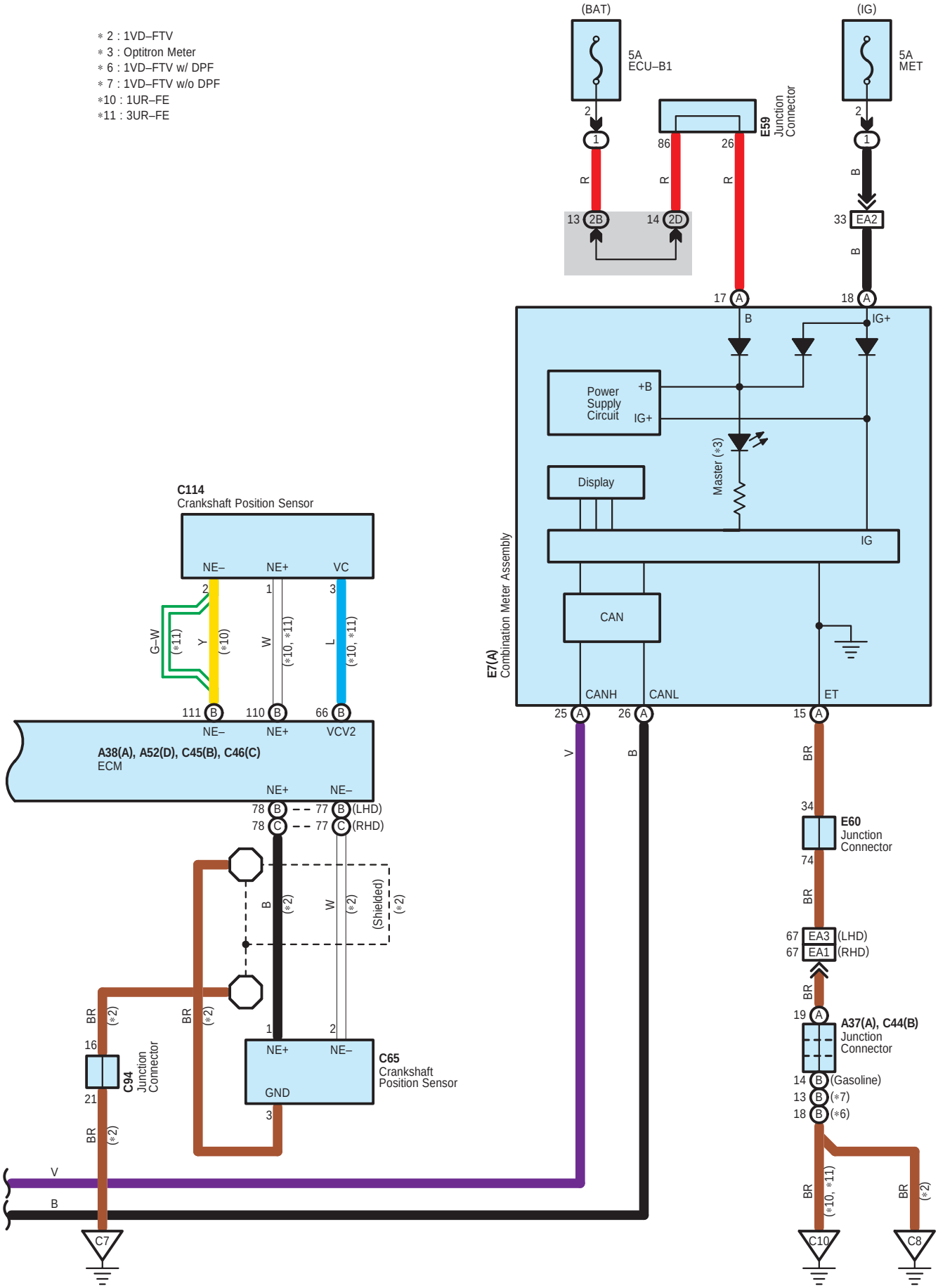

(BAT)
40A
VGRS
2
1
B–Y
26 EA2
B
8 A
PIG
(BAT)
5A
ECU–B1
2
1
R
13 2B
14 2D
R
86
E59
Junction Connector
56
R
10 A
+BI
(IG)
5A
ECU–IG
No. 4
5 3C
G
66
E61
Junction Connector
36
G
3 A
IG
E77(A), E78(B), E79(C)
Steering Control ECU
PGND
PGD2
RV
S1
S2
RG
LV
LG
SG2+
7 A
8 B
6 C
4 C
14 C
15 C
3 C
12 C
16 C
(Shielded)
W
R
L
G
B
Y
1
2
9
10
7
16
RV+
S1+
S2+
RG+
LV+
LG+
E80
Steering Actuator Assembly
z36(C)
Steering Pad
Switch Assembly
VGRS
3 C
GND1
10 A
E12(A), z36(C)
Spiral Cable
Sub–Assembly
W–B
80
E59
Junction
Connector
20
W–B
(RHD)
W–B
(LHD)
13
E62
Junction
Connector
1
W–B
(LHD)
W–B(LHD)
W–B(RHD)
W–B(RHD)
W–B(LHD)
E1
E3
E2


(IG)
10A
ECU–IG
No. 2
7
2D
G
E22
DLC3
SIL
7
R
16
E60
Junction Connector
56
R
LG
L
LG
L
51
E60
Junction
Connector
41
E77(A), E78(B), E79(C)
Steering Control ECU
7 C
SIL
9 C
CANH
20 C
CANL
BMV
BMU
BMW
SG
SS1+
SS1–
+BO
1 B
2 B
3 B
6 B
19 C
10 C
1 C
BR
(Shielded)
W
B
R
L
GR
R
G
5
4
13
8
7
3
1
BMV+
BMU+
BMW+
SS1+
SS1–
BAT
IG
ESS
2
W–B
W–B
(LHD)
W–B
(RHD)
E1
E3
E80
Steering Actuator Assembly
E11
Steering Sensor

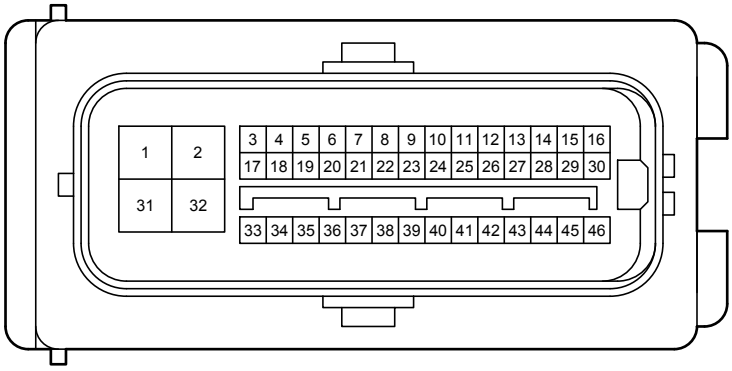

L(RHD)
SB(RHD)
L(LHD)
SB(LHD)
LG
L
14
3
13
2
E74
Junction Connector
12
1
16
5
L (RHD)
W (RHD)
L (RHD)
L (LHD)
V (LHD)
V (RHD)
2 AE3
32 EA1
31 EA1
1 AE3
L (RHD)
L (LHD)
V (LHD)
V (RHD)
3 AA1
4 AA1
L
V
W(RHD)
L(RHD)
25 A
11 A
CANL
CANH
A24(A)
Skid Control ECU with Actuator Assembly
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
V
LG
B
L
B
W
R
G
Speed Sensors


L(RHD)
SB(RHD)
L(LHD)
SB(LHD)
10 FE4
20 FE4
SB (LHD)
L (LHD)
6
17
7
18
F73 Junction Connector
1 FE4
11 FE4
2
13
12
1
E68 Junction Connector
14
3
W(RHD)
L(RHD)
L (LHD)
SB (LHD)
13
2
12
1
E71 Junction Connector
W (LHD)
SB(RHD)
SB(LHD)
L(LHD)
L(RHD)
BE
B
13
12
16
15
CA2H
CA2L
CA1H
CA1L
E31
Network Gateway ECU
L
BR
2
3
CANL
CANH
E50
Yaw Rate Sensor Assembly

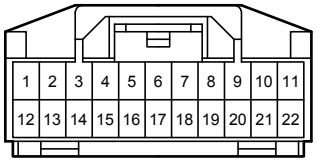

F77(A)
Multi–Media Module
Receiver Assembly
CANH
CANL
1 A
2 A
P
B
6 FE4
16 FE4
BE
B
14 A
14 B
3 A
3 B
2 A
2 B
13 A (LHD)
13 B (RHD)
E69(A), (B)
Junction
Connector
15 A
12 B
4 A
1 B
1 A
4 B
12 A (LHD)
15 B (RHD)
B
SB
SB
B
12
1
1
12
E75
Junction
Connector
E72
Junction
Connector
14
3
2
13
B
V
P
B
10 EA3
10 EA1
11 EA3 (LHD)
11 EA1 (RHD)
P
B
10 A
41 A
10 D
41 D
11 A (LHD *10, *11)
49 A (LHD *2)
11 D (RHD *10)
49 D (RHD *2)
CANH
CANL
A38(A), A52(D), C45(B), C46(C)
ECM
V
B


∗ 2 : 1VD–FTV
∗ 3 : Optitron Meter
∗ 6 : 1VD–FTV w/ DPF
∗ 7 : 1VD–FTV w/o DPF
∗10 : 1UR–FE
∗11 : 3UR–FE
(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction
Connector
2
1
86
26
R
13 2B
14 2D
33 EA2
B
17 A
18 A
IG+
Power
Supply
Circuit
+B
IG+
Master (∗3)
Display
IG
CAN
E7(A)
Combination Meter Assembly
CANH
CANL
ET
25 A
26 A
15 A
V
B
BR
C114
Crankshaft Position Sensor
NE–
NE+
VC
G–W
Y
W
L
(∗11)
(∗10)
(∗10, ∗11)
111 B
110 B
66 B
VCV2
A38(A), A52(D), C45(B), C46(C)
ECM
78 B
78 C
77 B (LHD)
77 C (RHD)
(Shielded)
(∗2)
C94
Junction
Connector
16
21
C65
Crankshaft
Position Sensor
GND
3
34
E60
Junction
Connector
74
67 EA3 (LHD)
67 EA1 (RHD)
19 A
A37(A), C44(B)
Junction
Connector
14 B (Gasoline)
13 B (∗7)
18 B (∗6)
C7
C10
C8

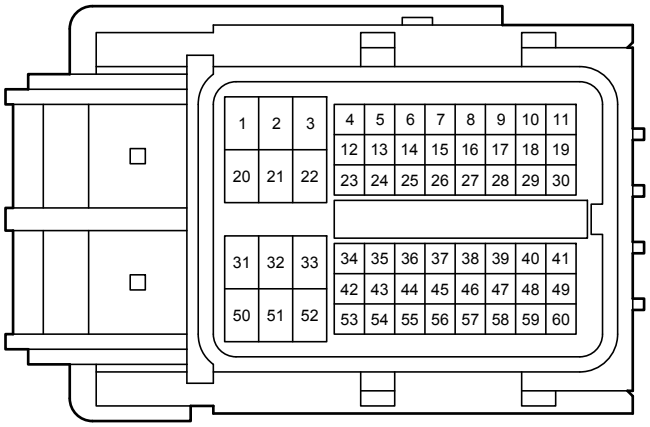
A 24
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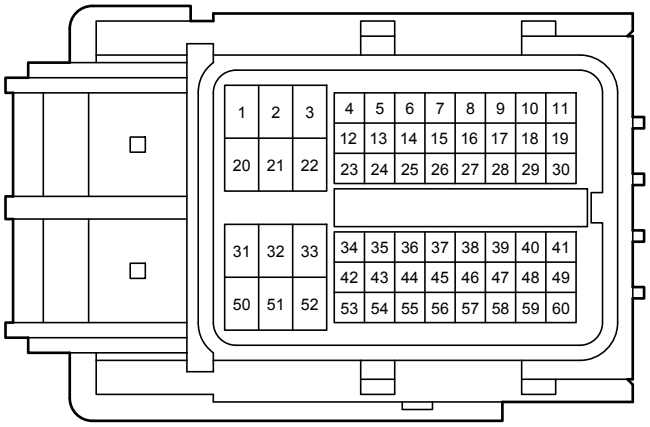
A 37
Blue



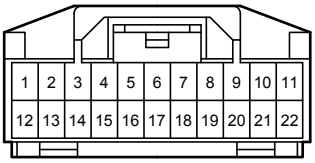
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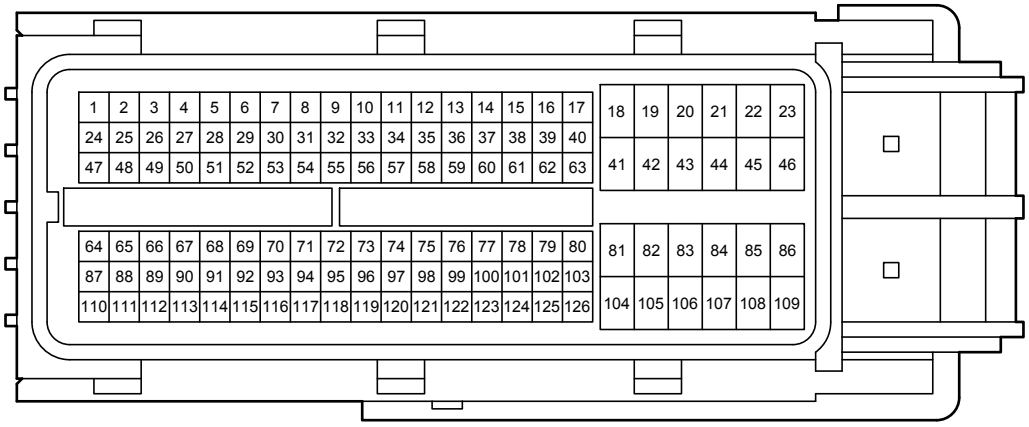
A 52
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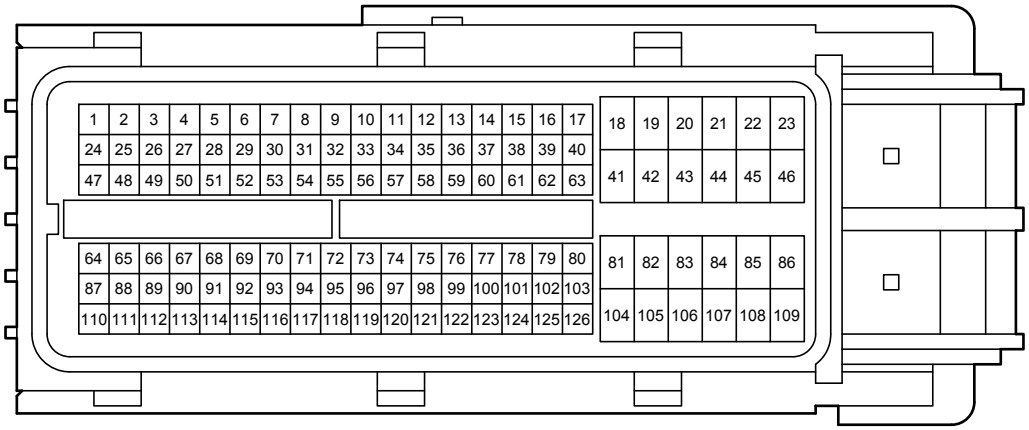
C 44
Blue



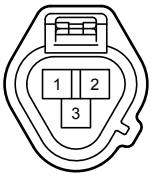
C 45
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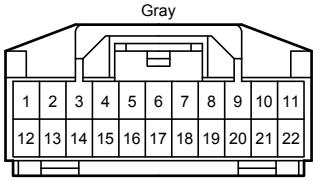
C 46
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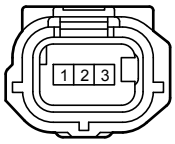
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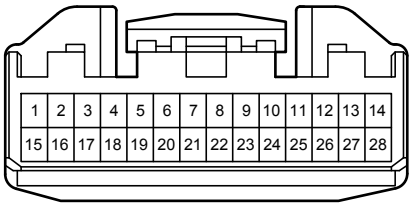
C 94
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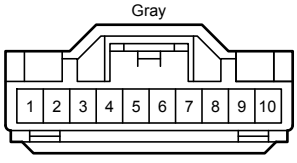
C114
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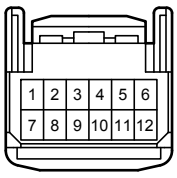
E 7
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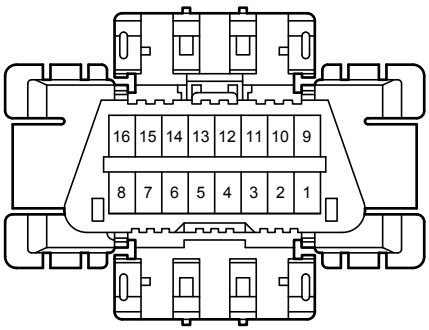
E 11
Gray



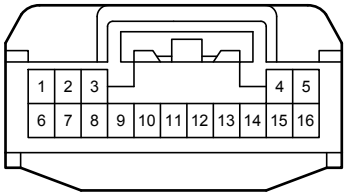
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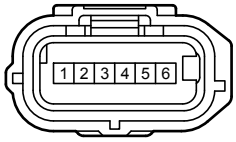
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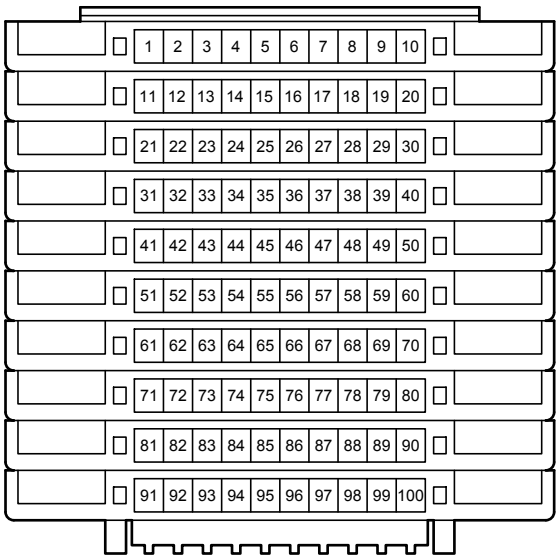
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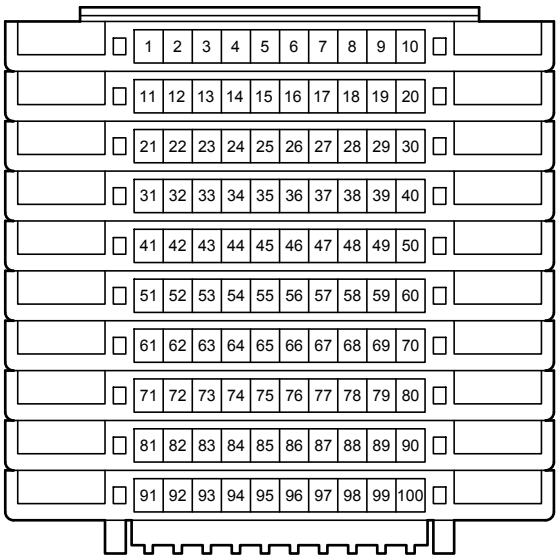
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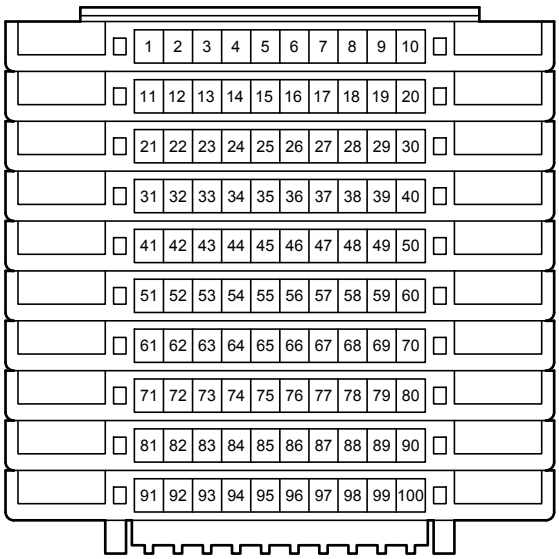
E 59



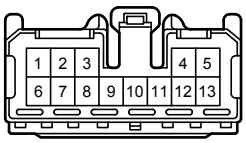
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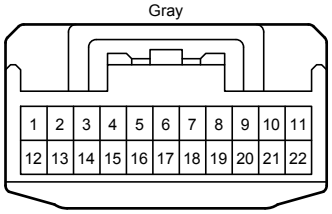
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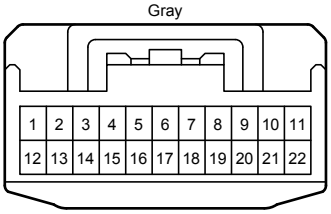
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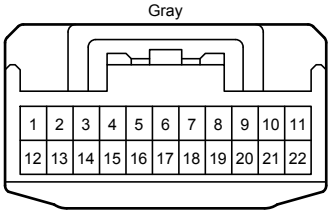
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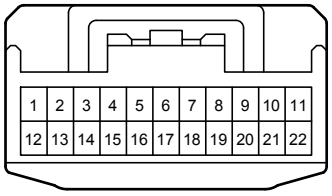
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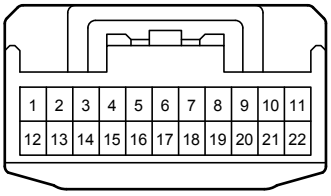
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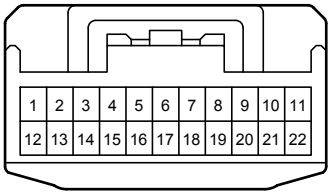
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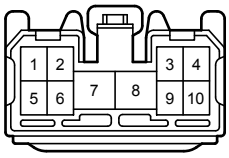
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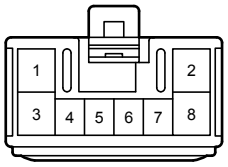
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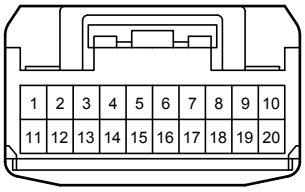
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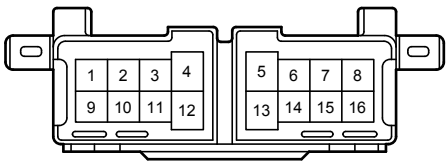
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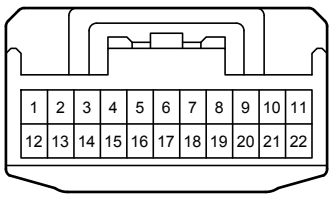
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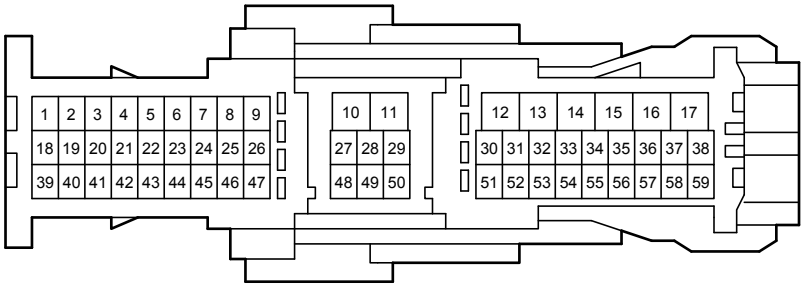
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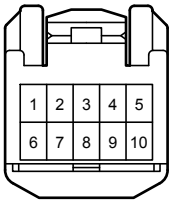
F 73
Blue



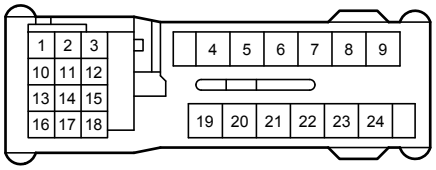
F 77
White



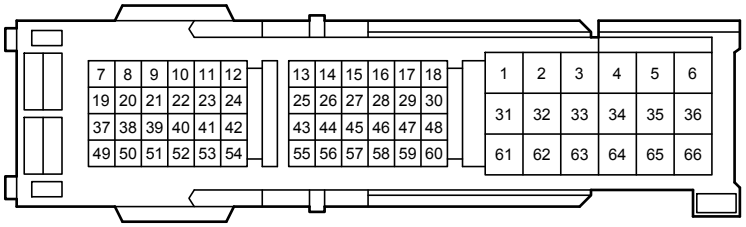
z 36
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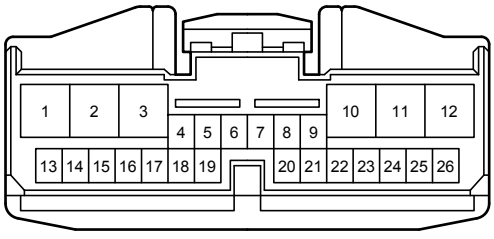
2B
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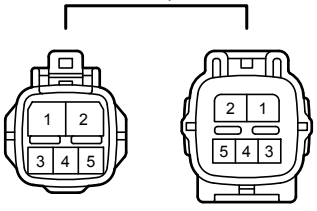
2D
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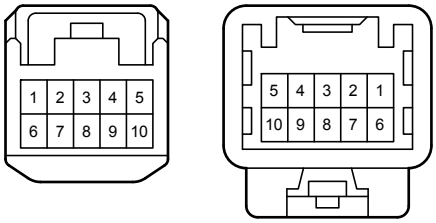
3C
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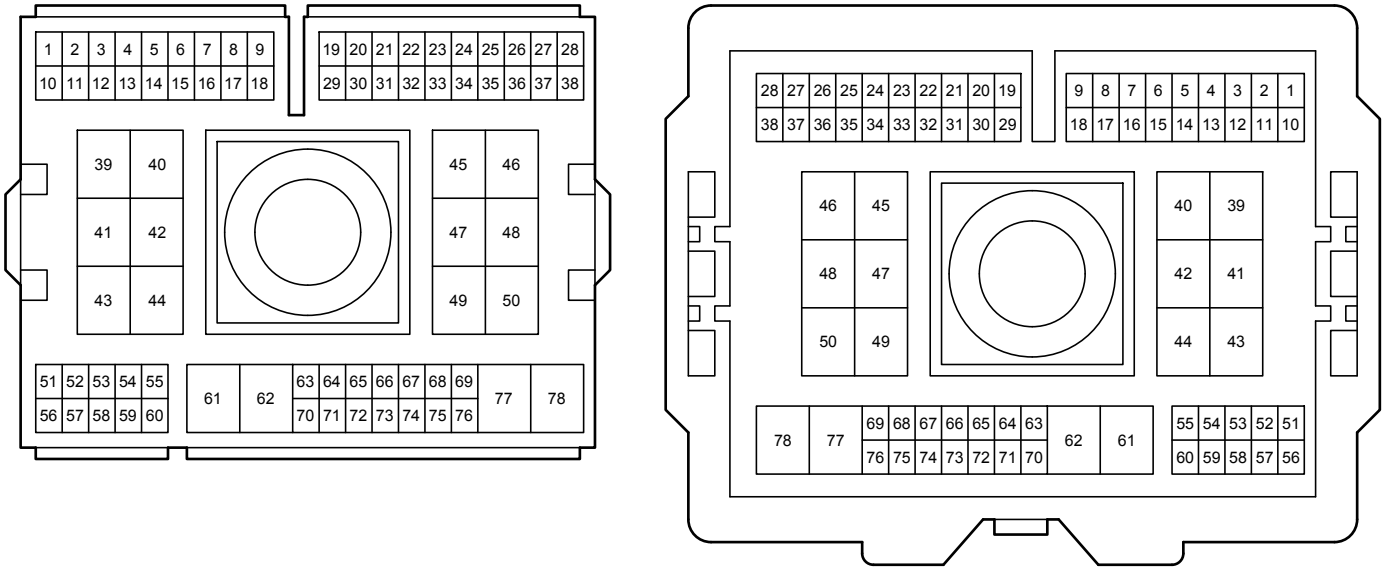
AA1
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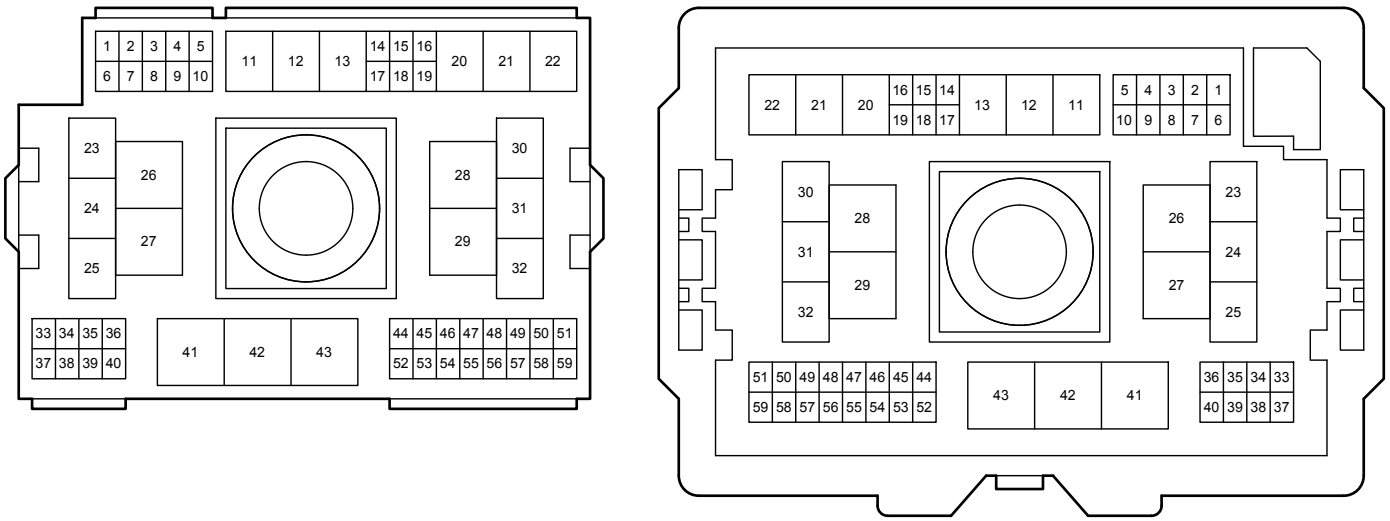
AE3
Gray



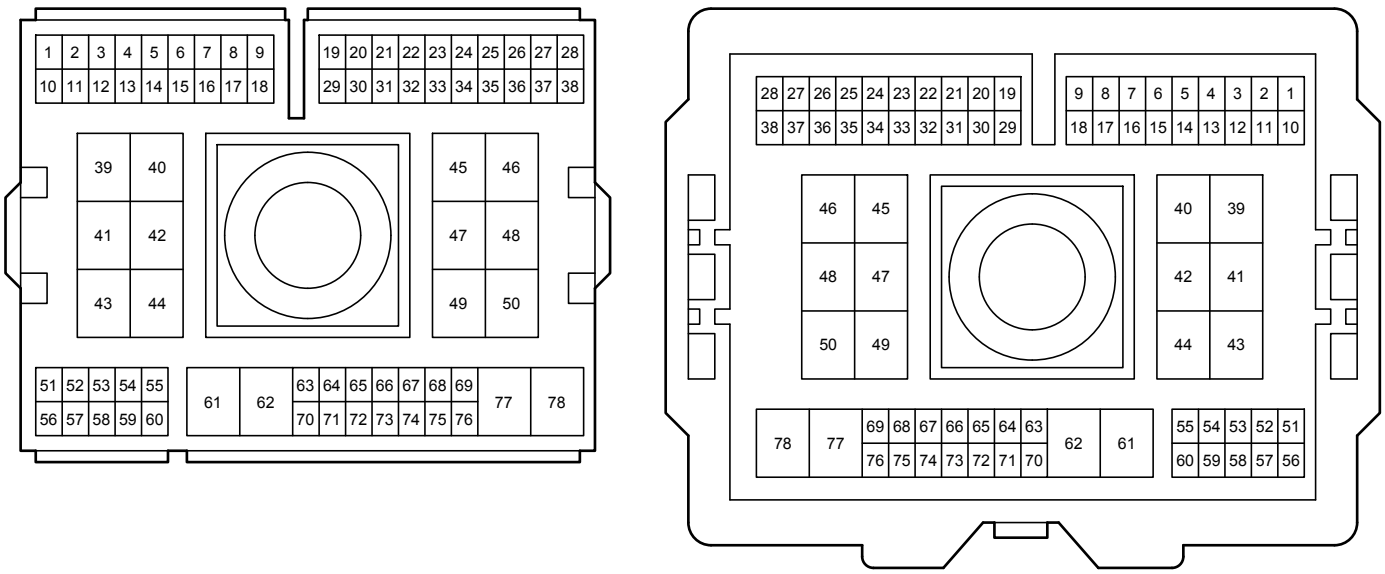
EA1
White



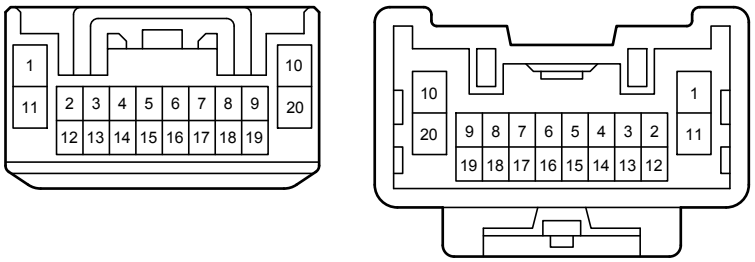
EA2
White Gray

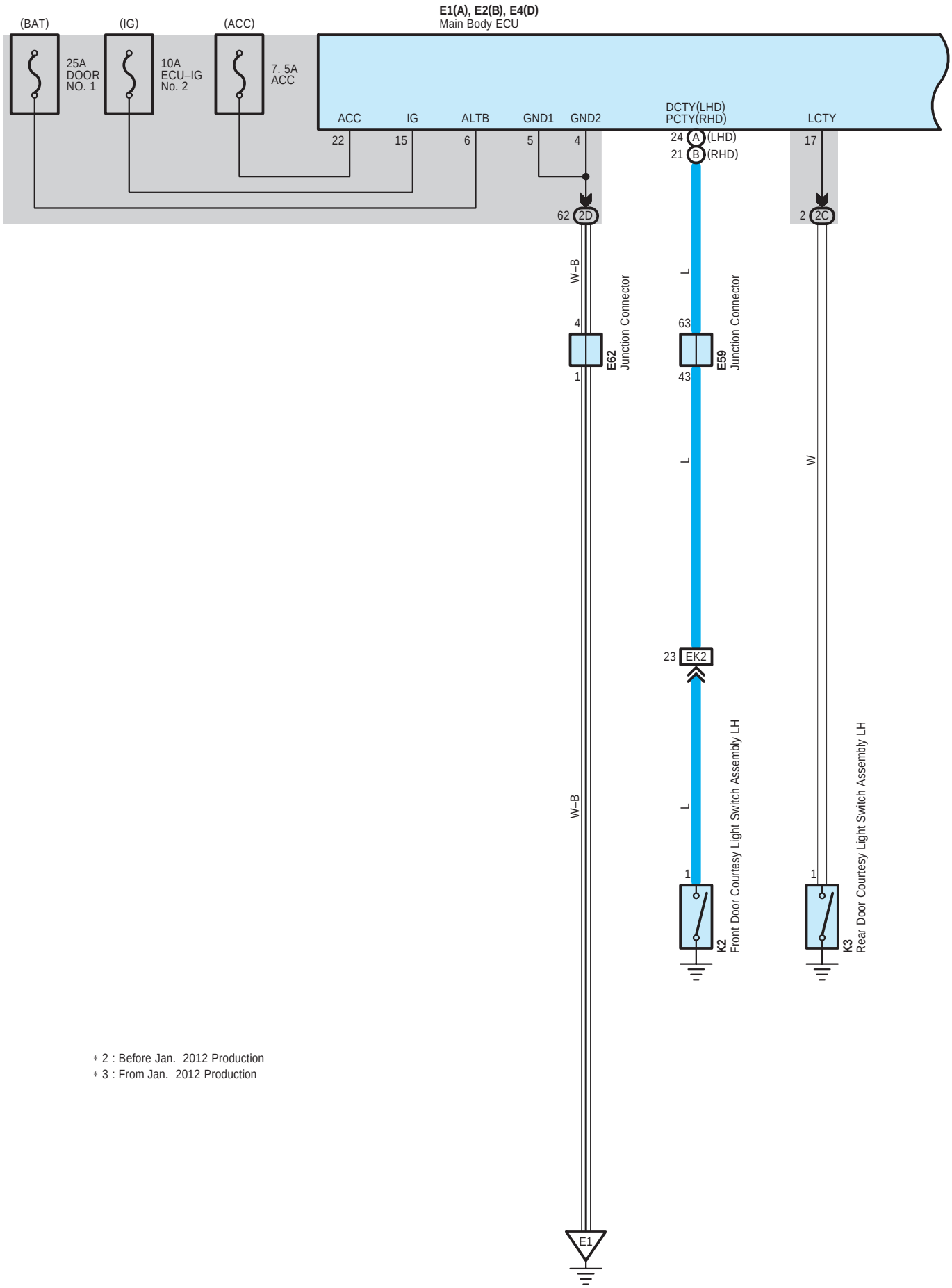


EA3
White

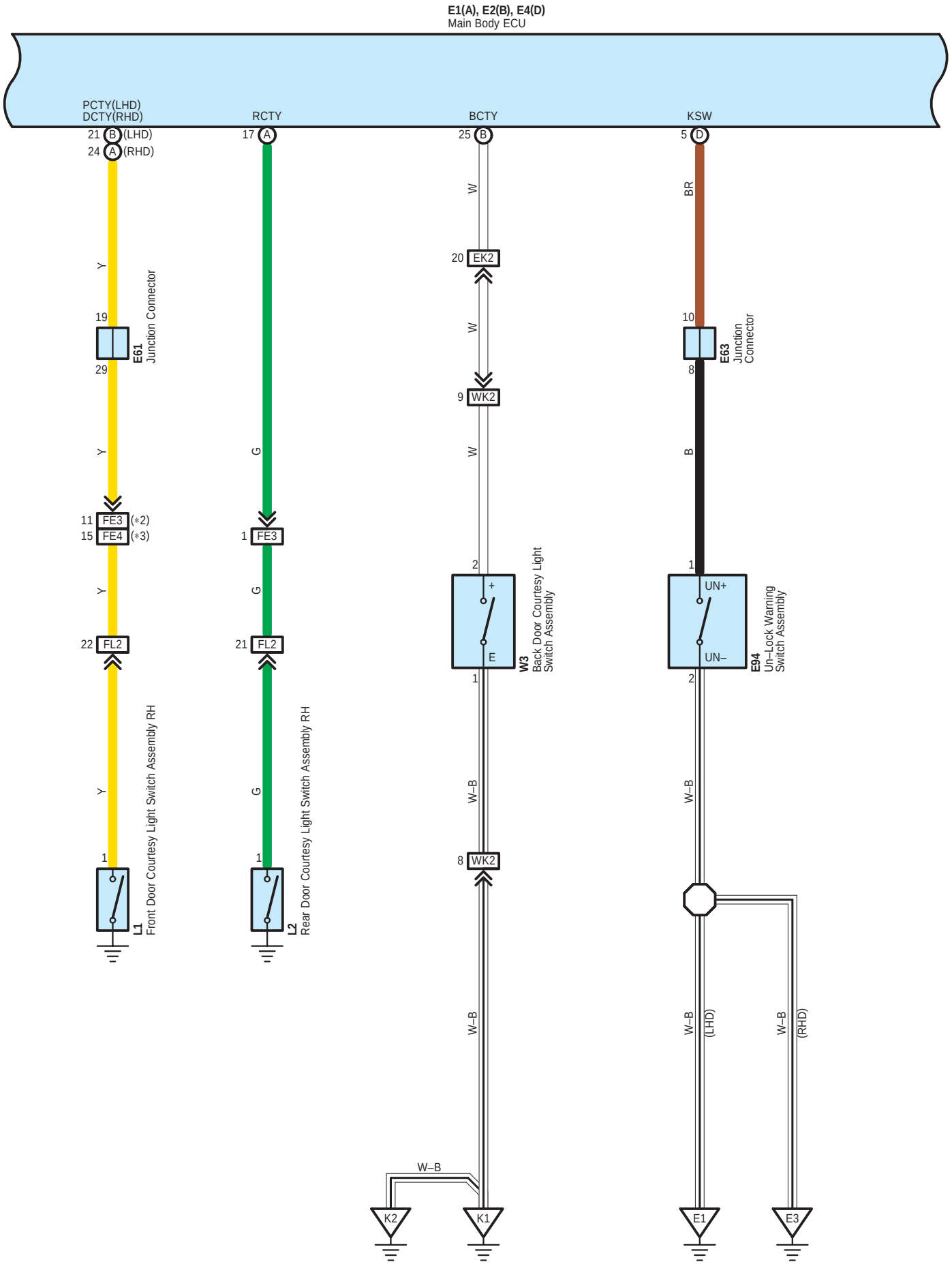


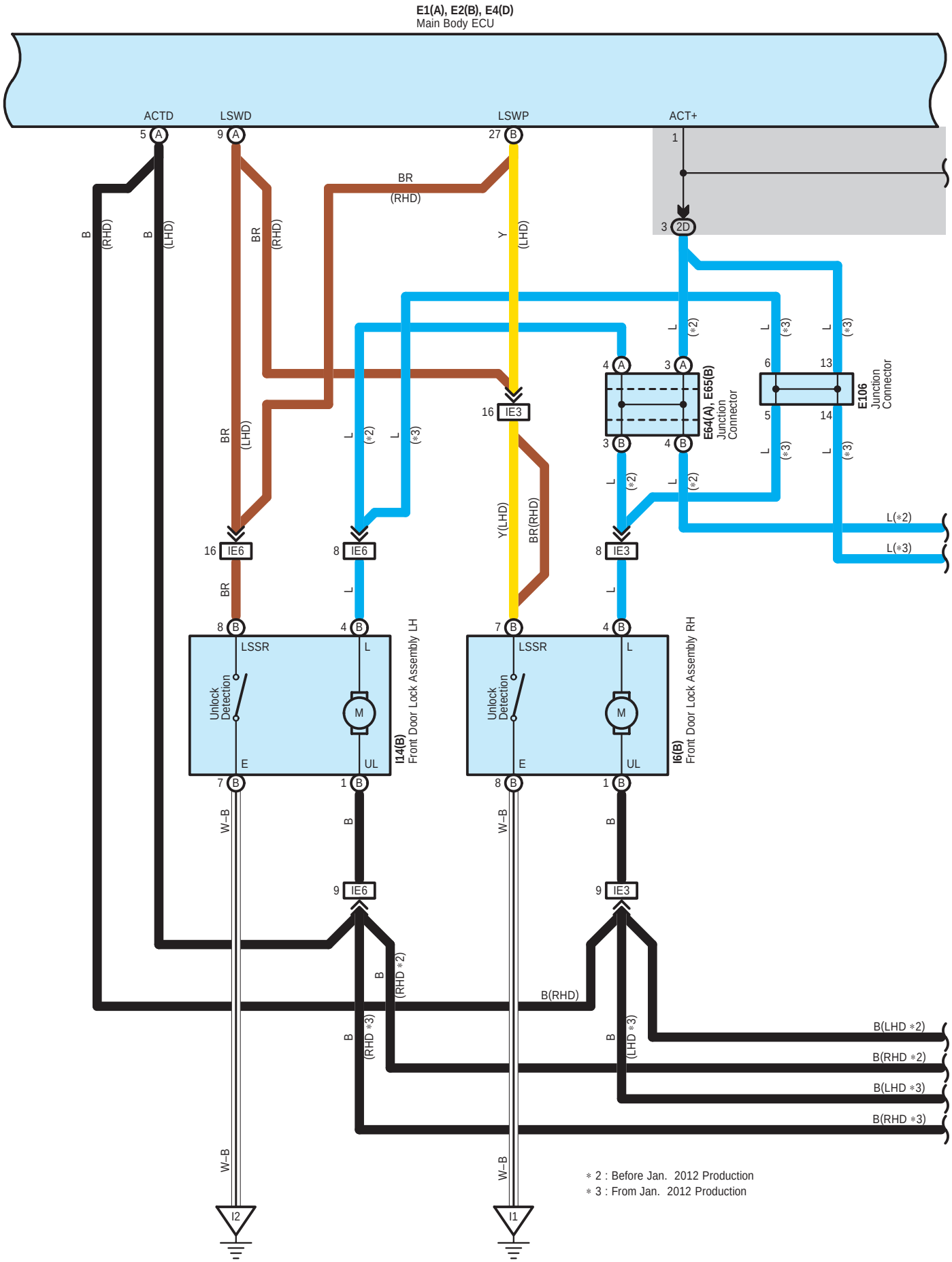
FE4
White

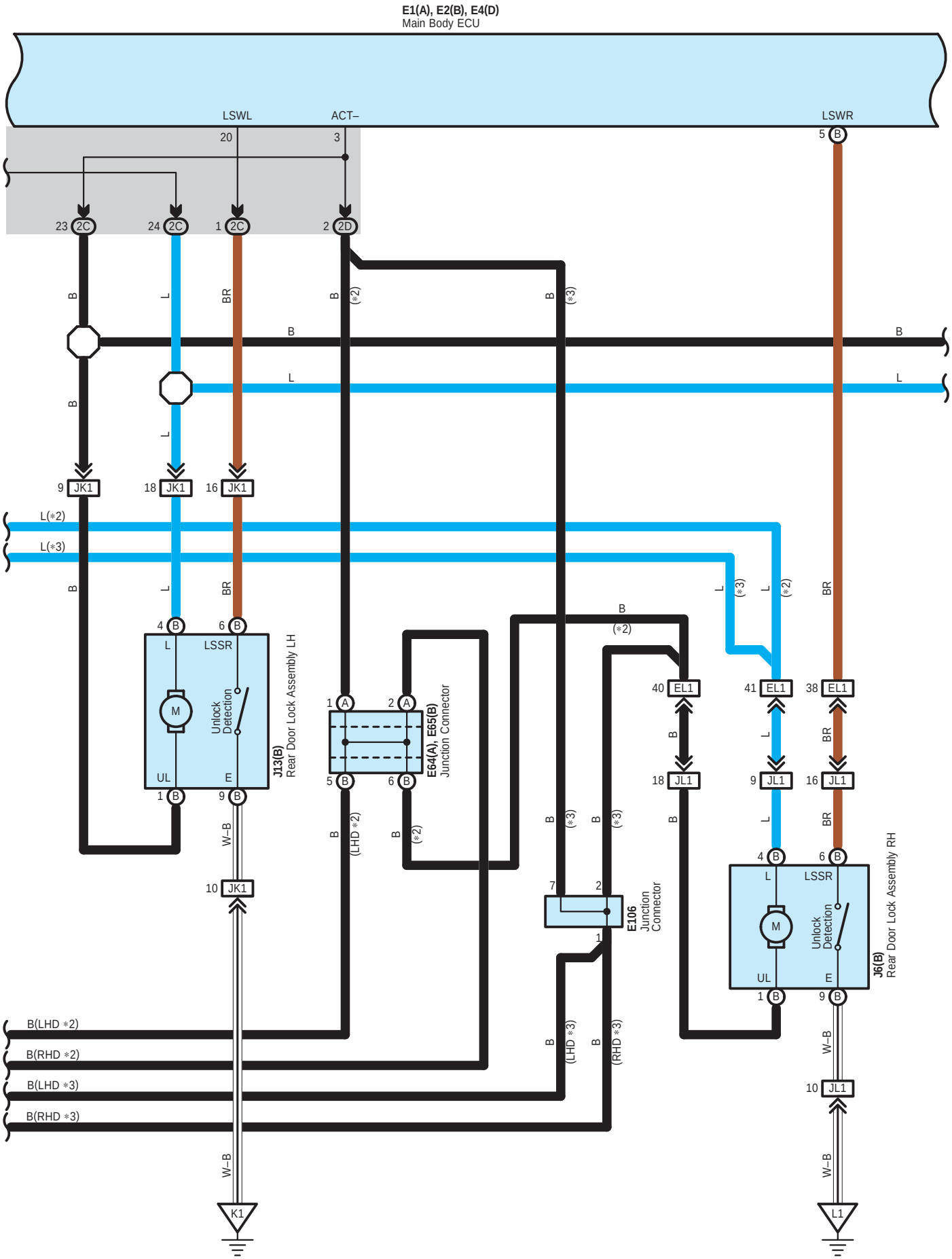


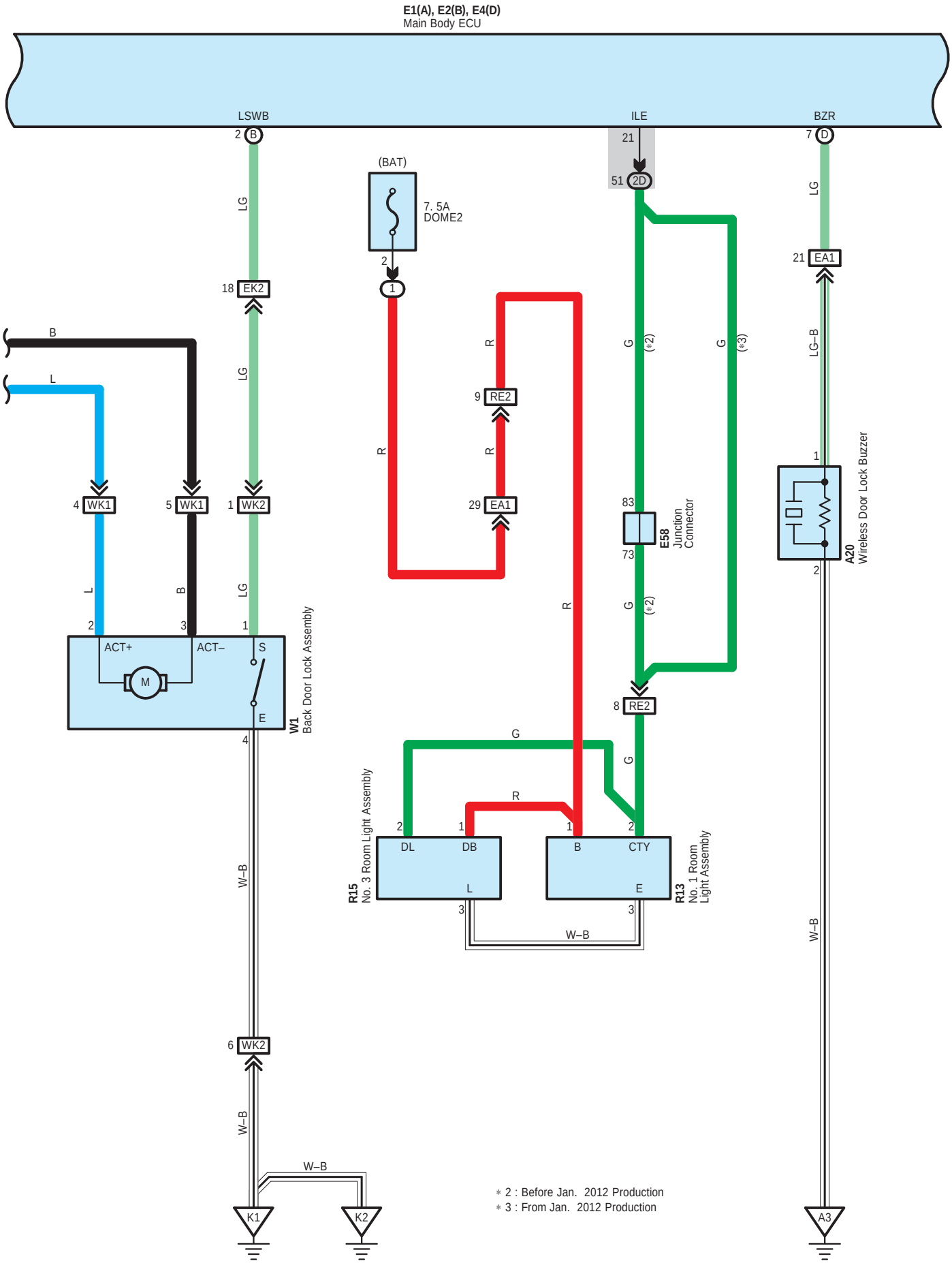


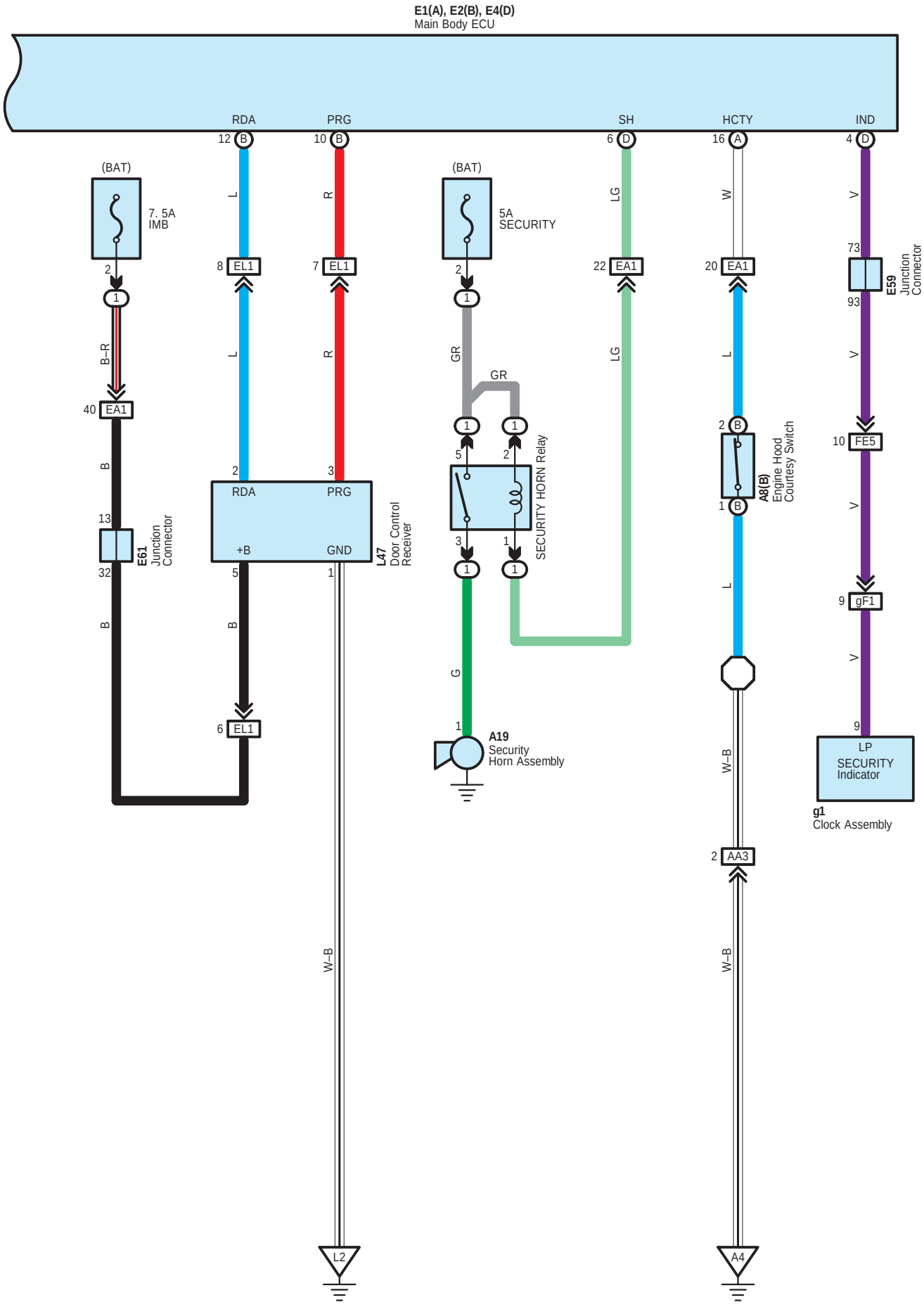
∗ 2 : Before Jan. 2012 Production
∗ 3 : From Jan. 2012 Production


E1(A), E2(B), E4(D)
Main Body ECU
PCTY(LHD)
DCTY(RHD)
RCTY
BCTY
KSW
21 B (LHD)
24 A (RHD)
17 A
25 B
5 D
Y
G
W
BR
B
19
29
E61
Junction Connector
20 EK2
9 WK2
10
8
E63
Junction Connector
11 FE3 (*2)
15 FE4 (*3)
1 FE3
22 FL2
21 FL2
2
1
+
E
W3
Back Door Courtesy Light Switch Assembly
UN+
UN–
E94
Un–Lock Warning Switch Assembly
1
L1
Front Door Courtesy Light Switch Assembly RH
1
L2
Rear Door Courtesy Light Switch Assembly RH
8 WK2
W–B
W–B (LHD)
W–B (RHD)
K2
K1
E1
E3


E1(A), E2(B), E4(D)
Main Body ECU
ACTD
LSWD
LSWP
ACT+
5 A
9 A
27 B
1
3 2D
B (RHD)
B (LHD)
BR (RHD)
BR (RHD)
Y (LHD)
BR (LHD)
L (*2)
L (*3)
16 IE3
4 A
3 A
6
13
5
14
3 B
4 B
E64(A), E65(B) Junction Connector
E106 Junction Connector
16 IE6
8 IE6
8 IE3
Y(LHD)
BR(RHD)
L(*2)
L(*3)
BR
L
8 B
4 B
7 B
4 B
LSSR
Unlock Detection
M
E
UL
I14(B) Front Door Lock Assembly LH
I6(B) Front Door Lock Assembly RH
7 B
1 B
8 B
1 B
W–B
B
9 IE6
9 IE3
B(RHD)
B (RHD *2)
B (RHD *3)
B (LHD *3)
B(LHD *2)
B(RHD *2)
B(LHD *3)
B(RHD *3)
W–B
W–B
I2
I1
* 2 : Before Jan. 2012 Production
* 3 : From Jan. 2012 Production


E1(A), E2(B), E4(D)
Main Body ECU
LSWL
ACT–
LSWR
20
3
5 B
23 2C
24 2C
1 2C
2 2D
B
L
BR
B (*2)
B (*3)
B
L
9 JK1
18 JK1
16 JK1
L(*2)
L(*3)
4 B
6 B
L
LSSR
M
Unlock Detection
UL
E
1 B
9 B
J13(B)
Rear Door Lock Assembly LH
W–B
10 JK1
1 A
2 A
5 B
6 B
E64(A), E65(B)
Junction Connector
B (LHD *2)
B (*2)
B (*2)
40 EL1
41 EL1
38 EL1
18 JL1
9 JL1
16 JL1
B (*3)
7
2
1
E106
Junction Connector
4 B
6 B
J6(B)
Rear Door Lock Assembly RH
10 JL1
B(LHD *2)
B(RHD *2)
B(LHD *3)
B(RHD *3)
K1
L1


E1(A), E2(B), E4(D)
Main Body ECU
LSWB
ILE
BZR
2 B
21
51 2D
7 D
(BAT)
7. 5A
DOME2
2
1
LG
18 EK2
21 EA1
LG–B
B
L
9 RE2
29 EA1
R
G
(*2)
(*3)
83
73
E58
Junction
Connector
4 WK1
5 WK1
1 WK2
8 RE2
6 WK2
L
B
LG
W–B
ACT+
ACT–
S
M
E
W1
Back Door Lock Assembly
A20
Wireless Door Lock Buzzer
R15
No. 3 Room Light Assembly
DL
DB
L
R13
No. 1 Room
Light Assembly
B
CTY
K1
K2
A3
* 2 : Before Jan. 2012 Production
* 3 : From Jan. 2012 Production

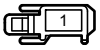

E1(A), E2(B), E4(D)
Main Body ECU
RDA
PRG
SH
HCTY
IND
(BAT)
7. 5A
IMB
5A
SECURITY
E61
Junction
Connector
L47
Door Control
Receiver
SECURITY HORN Relay
A19
Security
Horn Assembly
A8(B)
Engine Hood
Courtesy Switch
E59
Junction
Connector
LP
SECURITY
Indicator
g1
Clock Assembly
L2
A4

A 8
Black

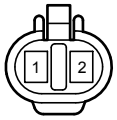


(Except U.K.)

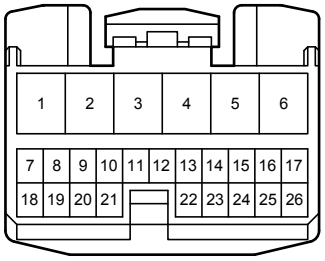
A 19
Black



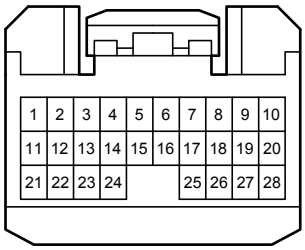
A 20
Black



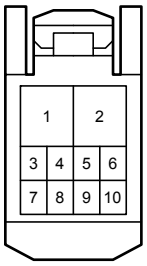
E 1
White



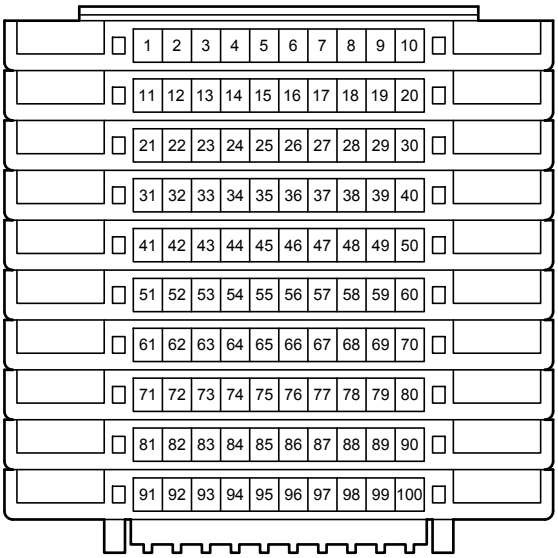
E 2
White



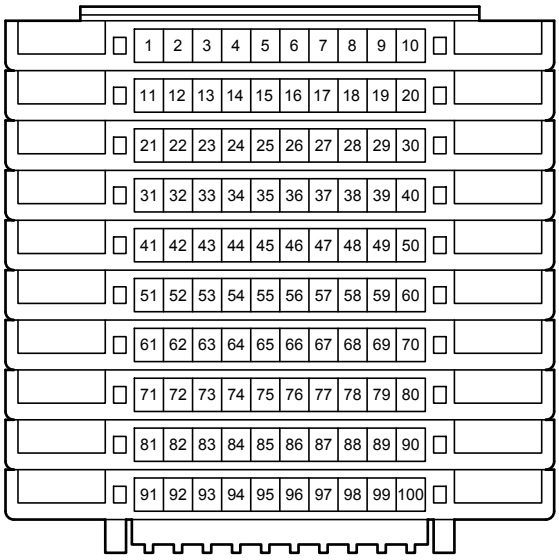
E 4
White



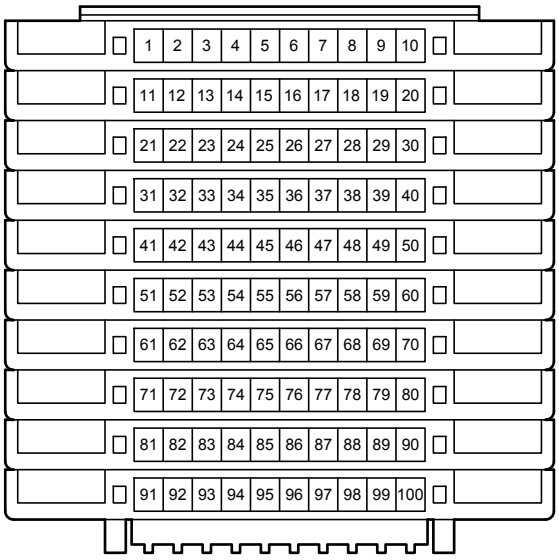
E 58



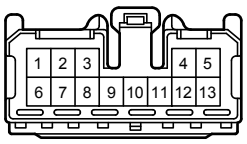
E 59



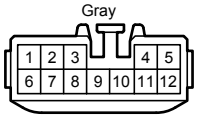
E 61



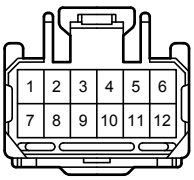
E 62
White



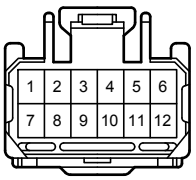
E 63
Gray



E 64
Black



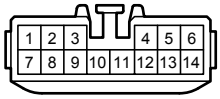
E 65
Black



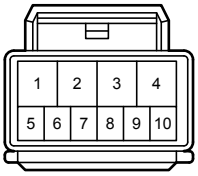
E 94
White



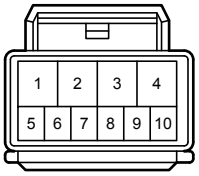
E106
White



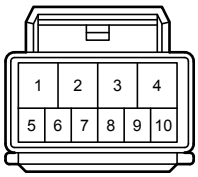
I 6
White



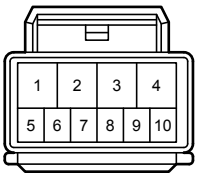
I 14
White



J 6
White



J 13
White



K 2
White



K 3
White



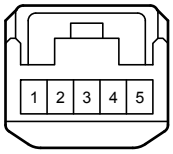
L 1
White



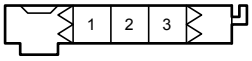
L 2
White



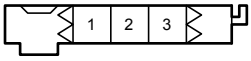
L 47
White



R 13
White



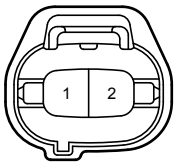
R 15
White



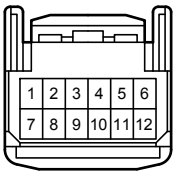
W 1
White



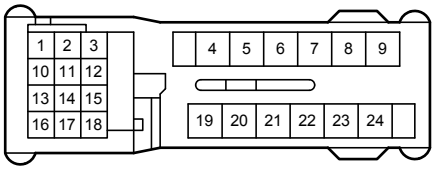
W 3
Blue



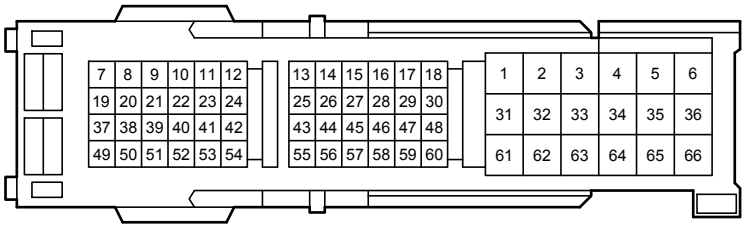
g 1
White



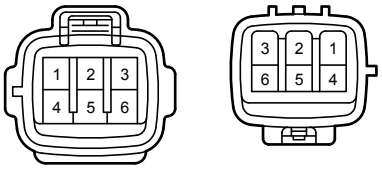
2C
White



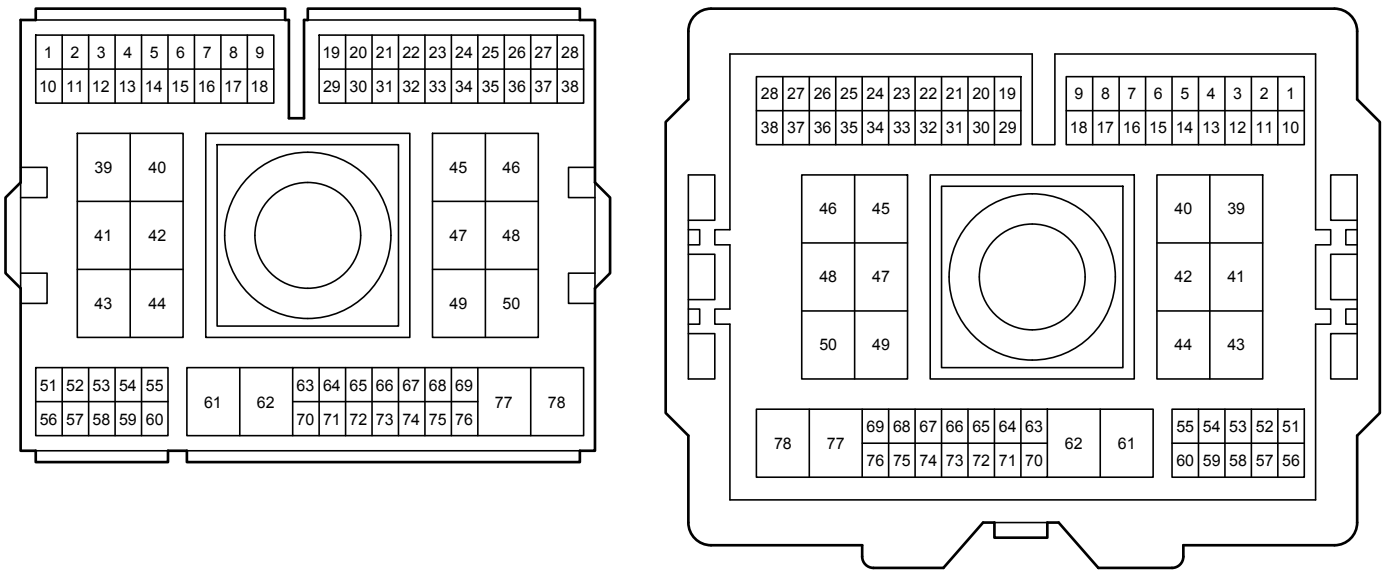
2D
White



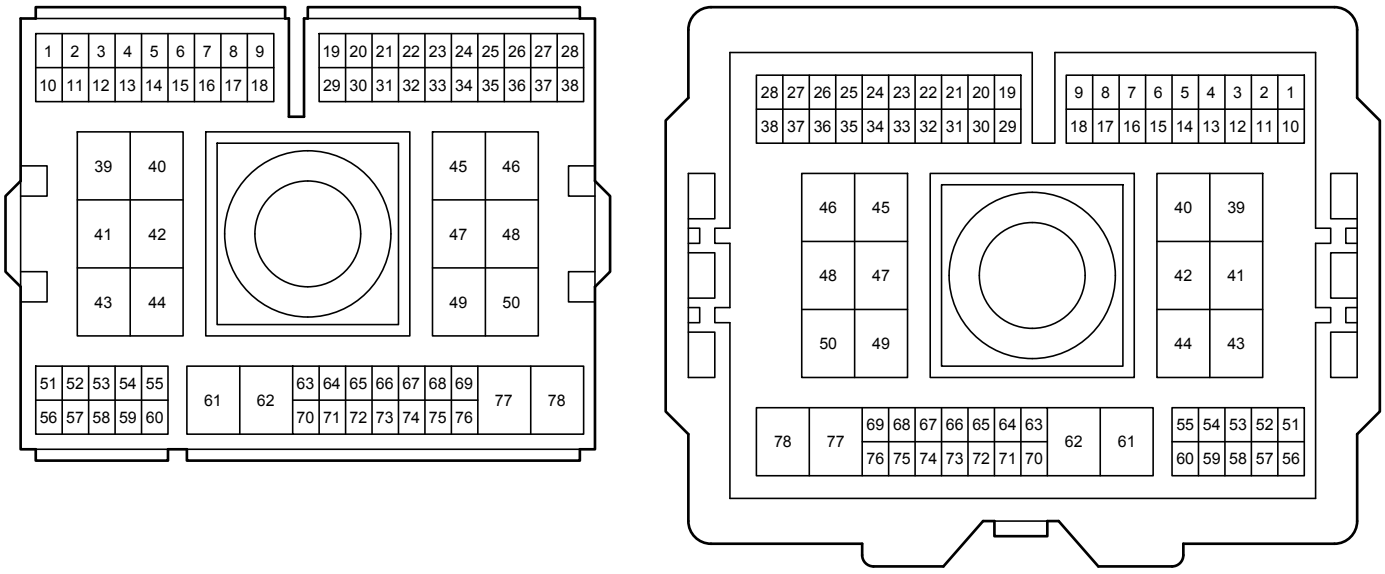
AA3
Gray



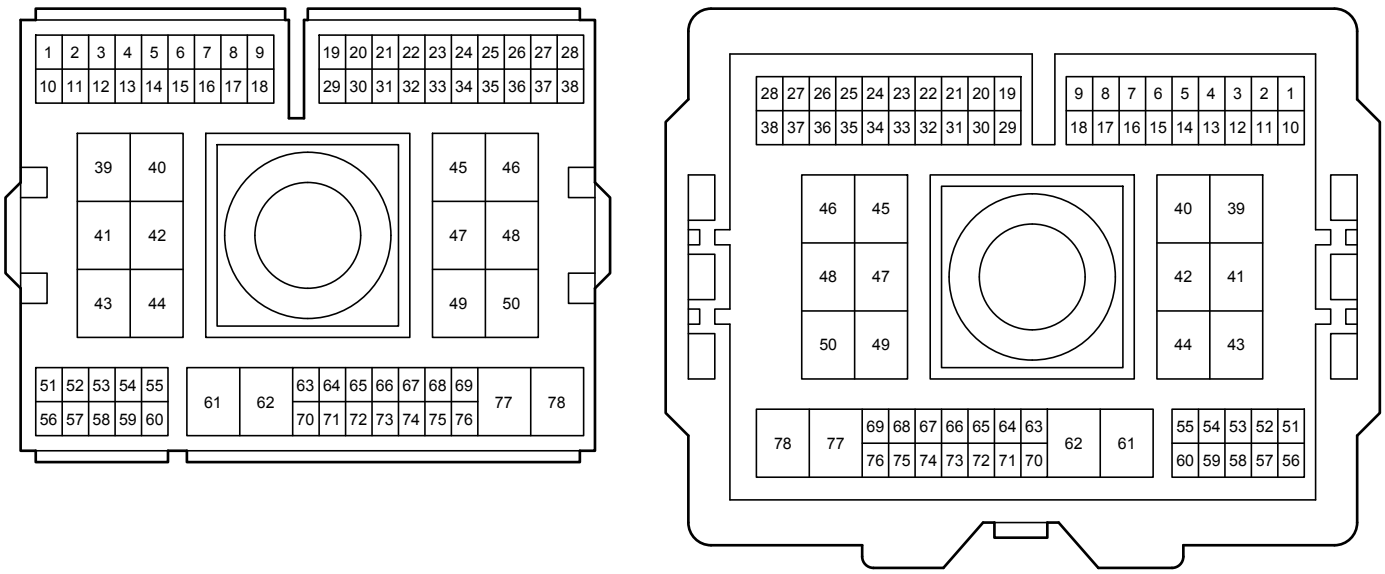
EA1
White



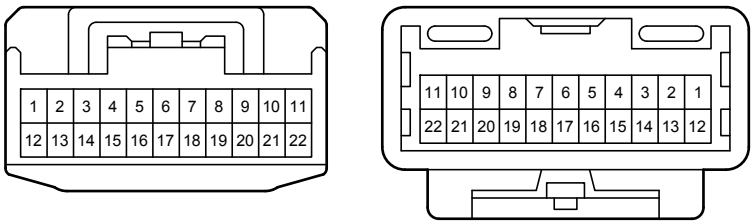
EK2
White



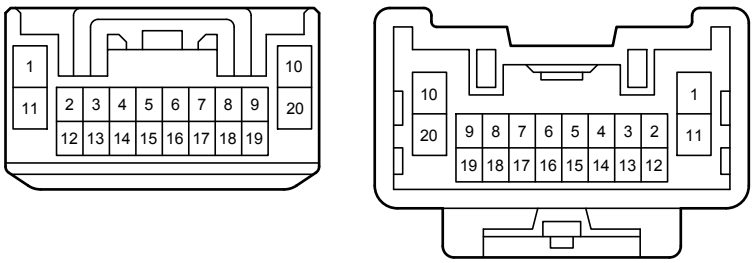
EL1
White



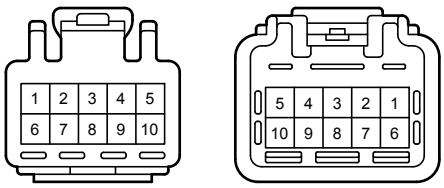
FE3
White



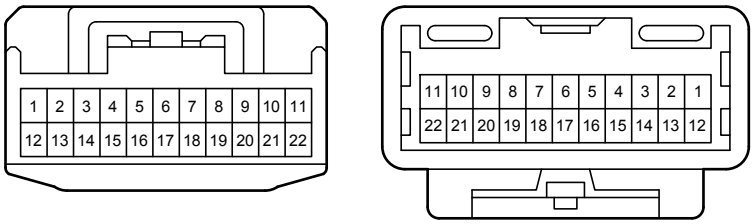
FE4
White

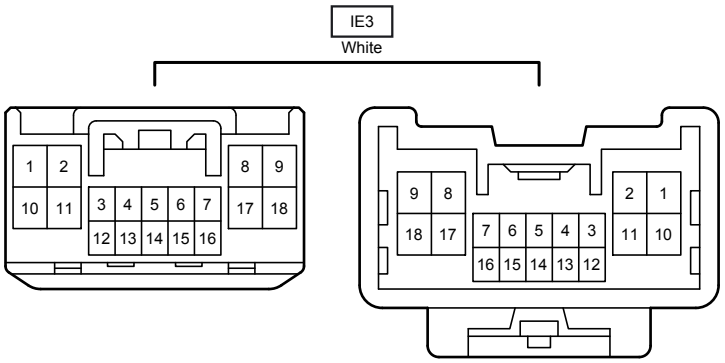


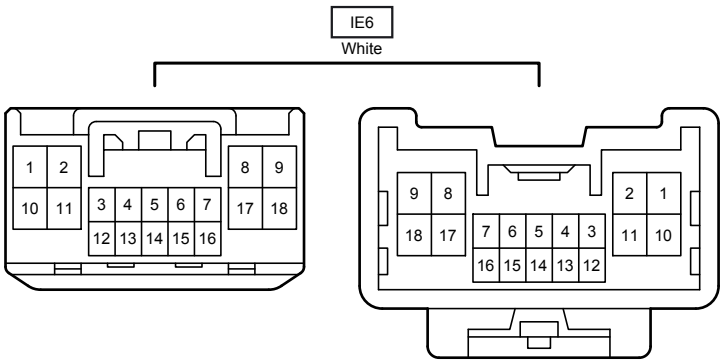
FE5
White

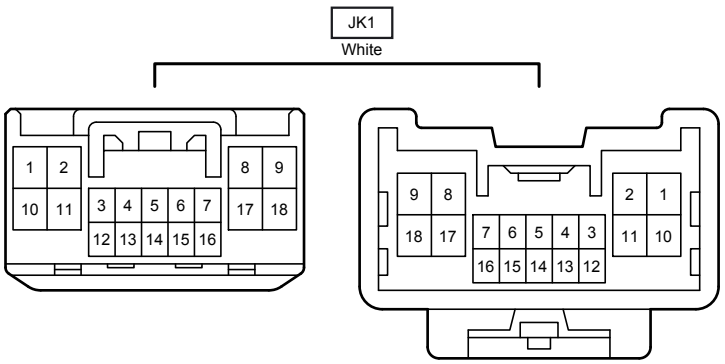


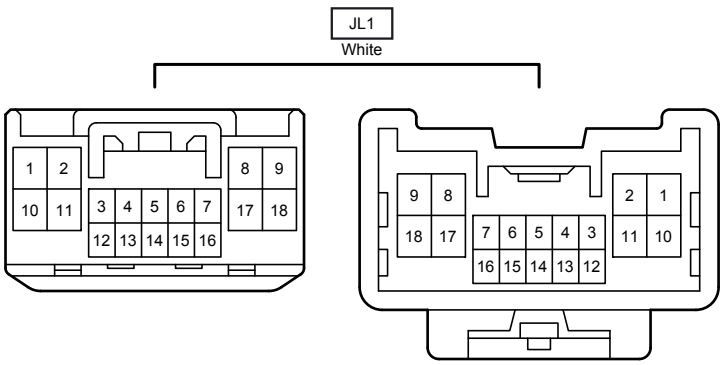
FL2
Blue

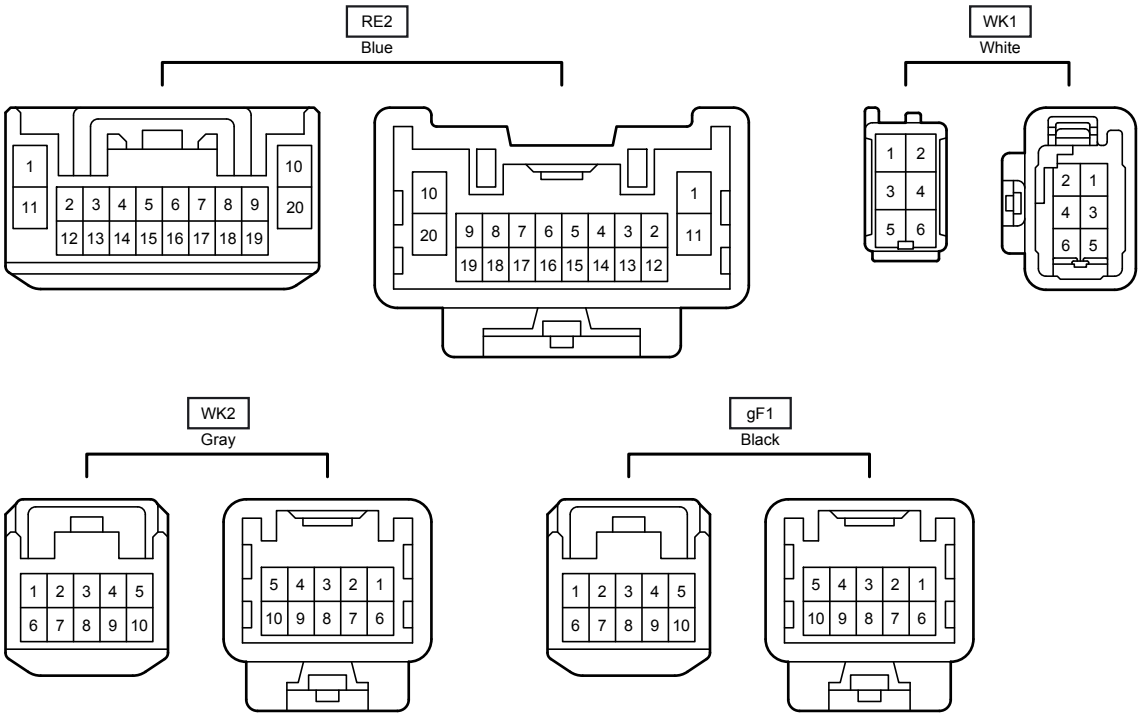


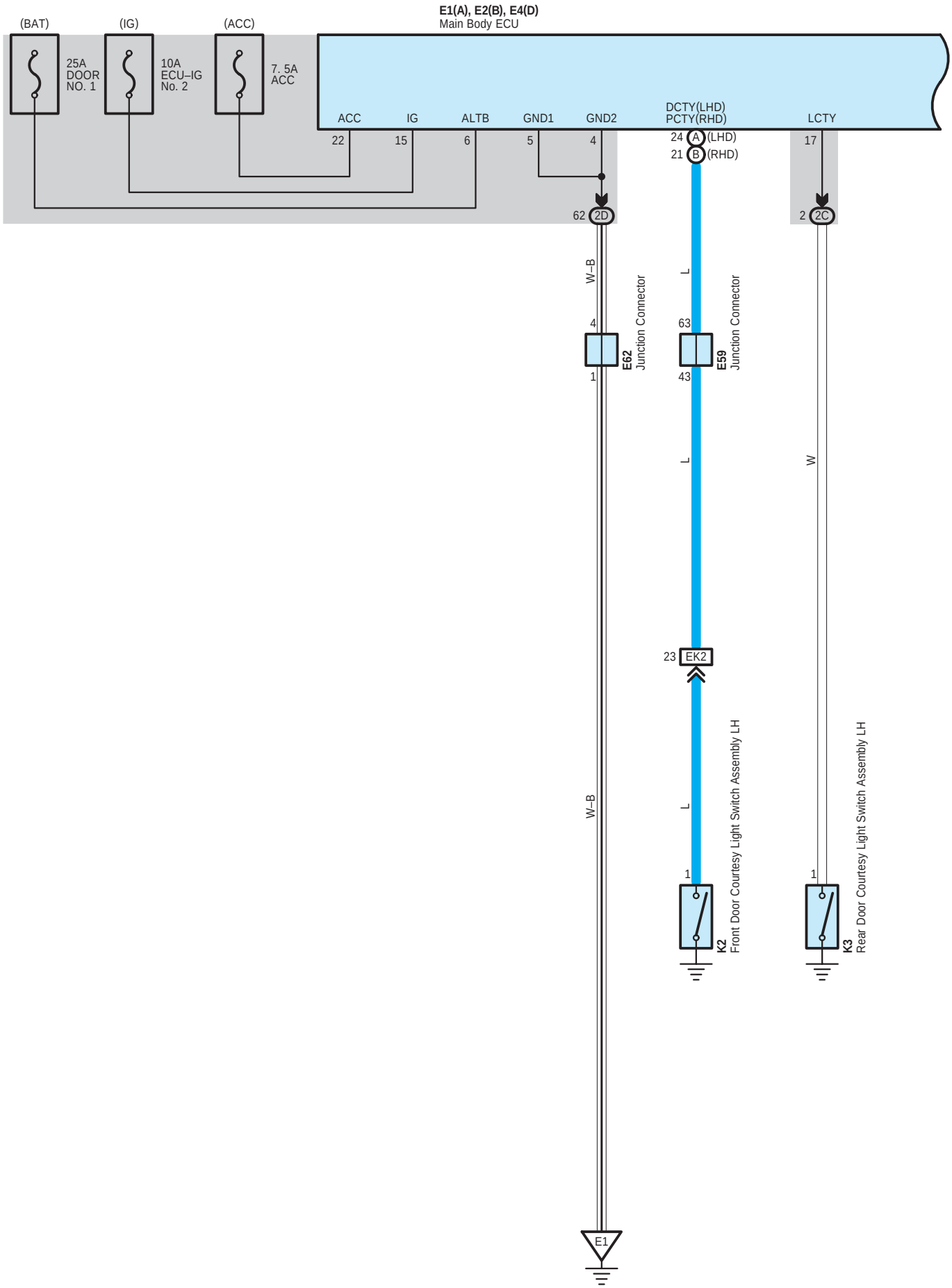

IE3
White
1 2 10 11 3 4 5 6 7 12 13 14 15 16 8 9 17 18
9 8 18 17 7 6 5 4 3 16 15 14 13 12 2 1 11 10

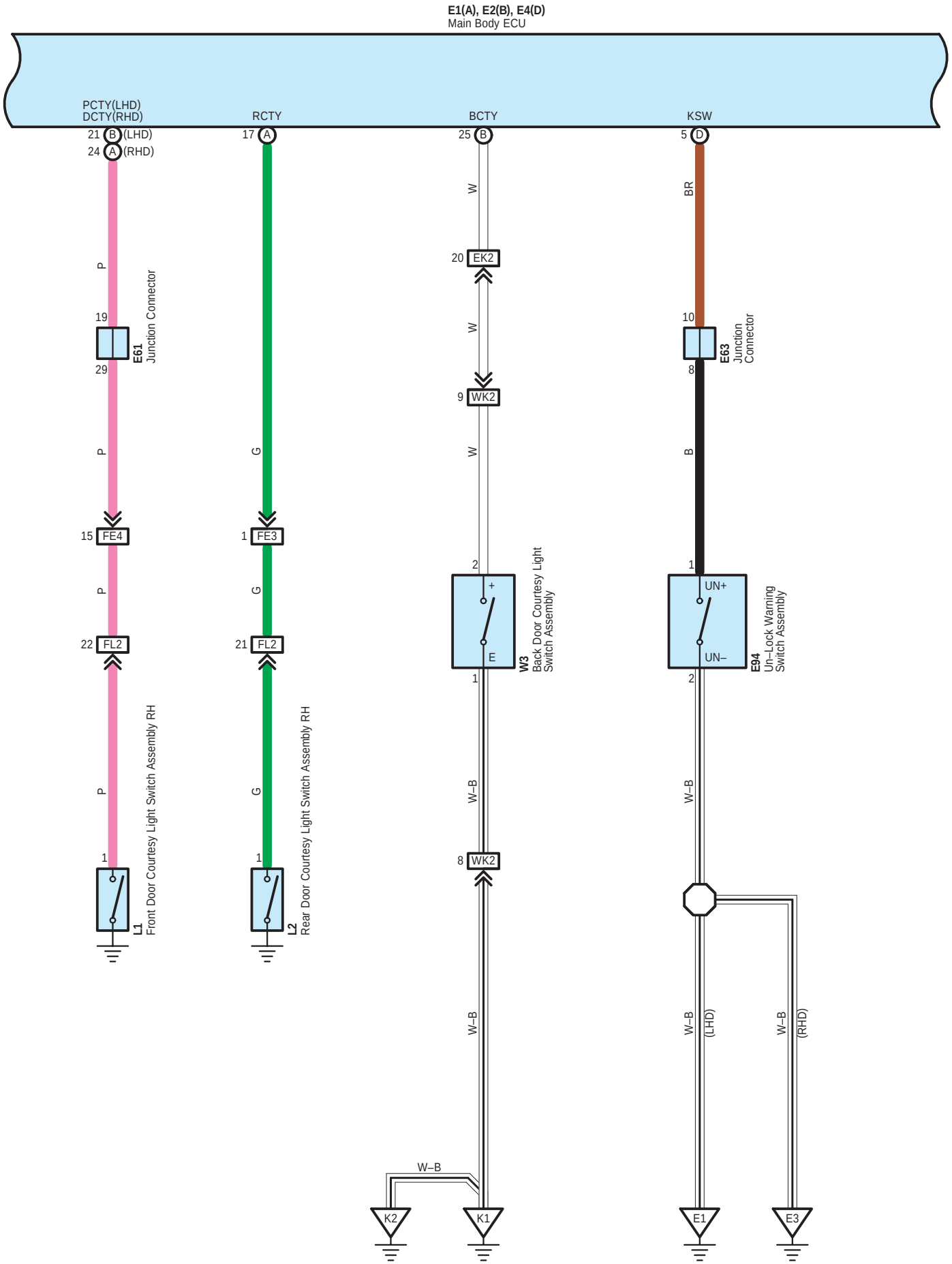

IE6
White
1 2 10 11 3 4 5 6 7 12 13 14 15 16 8 9 17 18
9 8 18 17 7 6 5 4 3 16 15 14 13 12 2 1 11 10

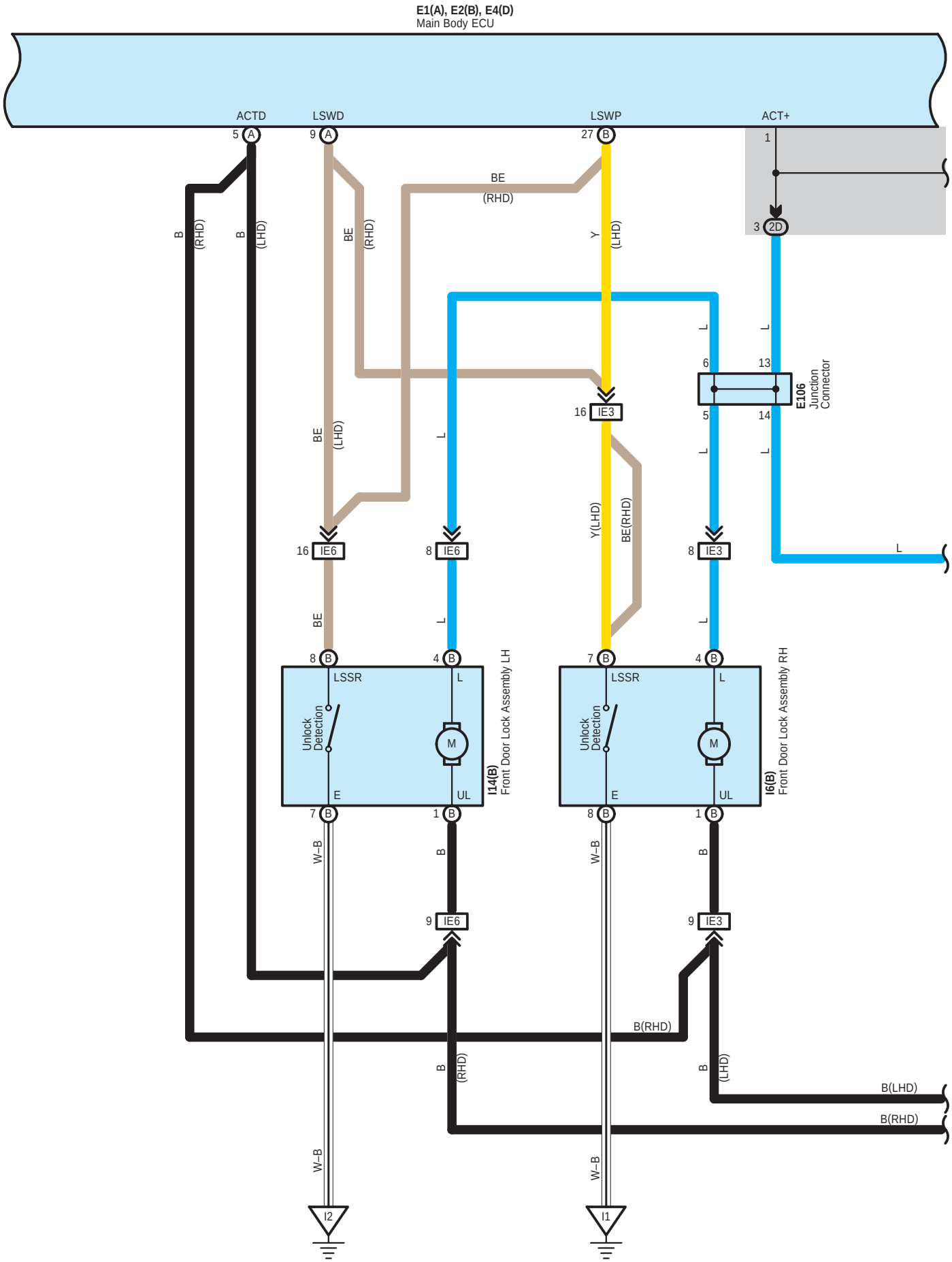

JK1
White
1 2 10 11 3 4 5 6 7 12 13 14 15 16 8 9 17 18
9 8 18 17 7 6 5 4 3 16 15 14 13 12 2 1 11 10

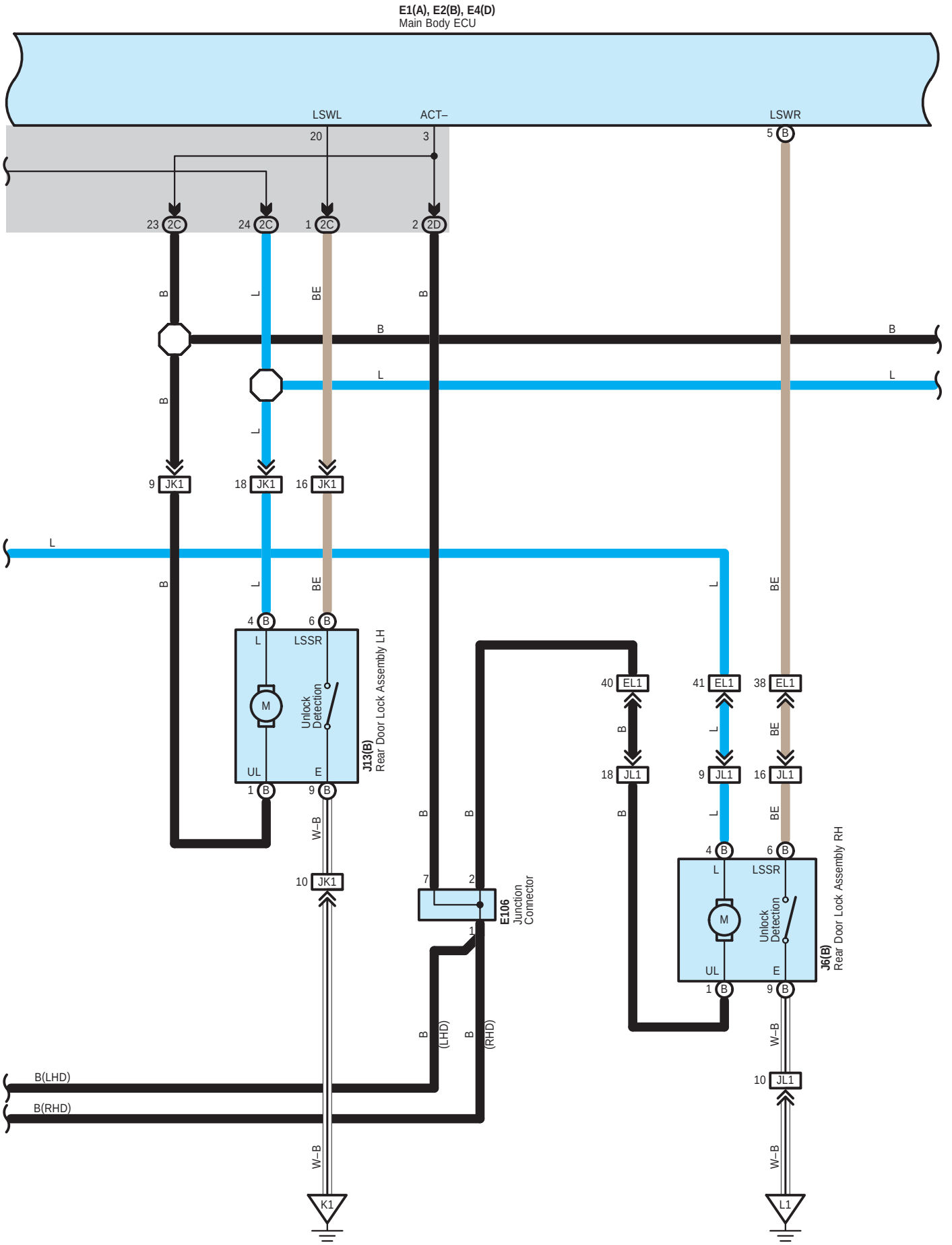

JL1
White
1 2 10 11 3 4 5 6 7 12 13 14 15 16 8 9 17 18
9 8 18 17 7 6 5 4 3 16 15 14 13 12 2 1 11 10

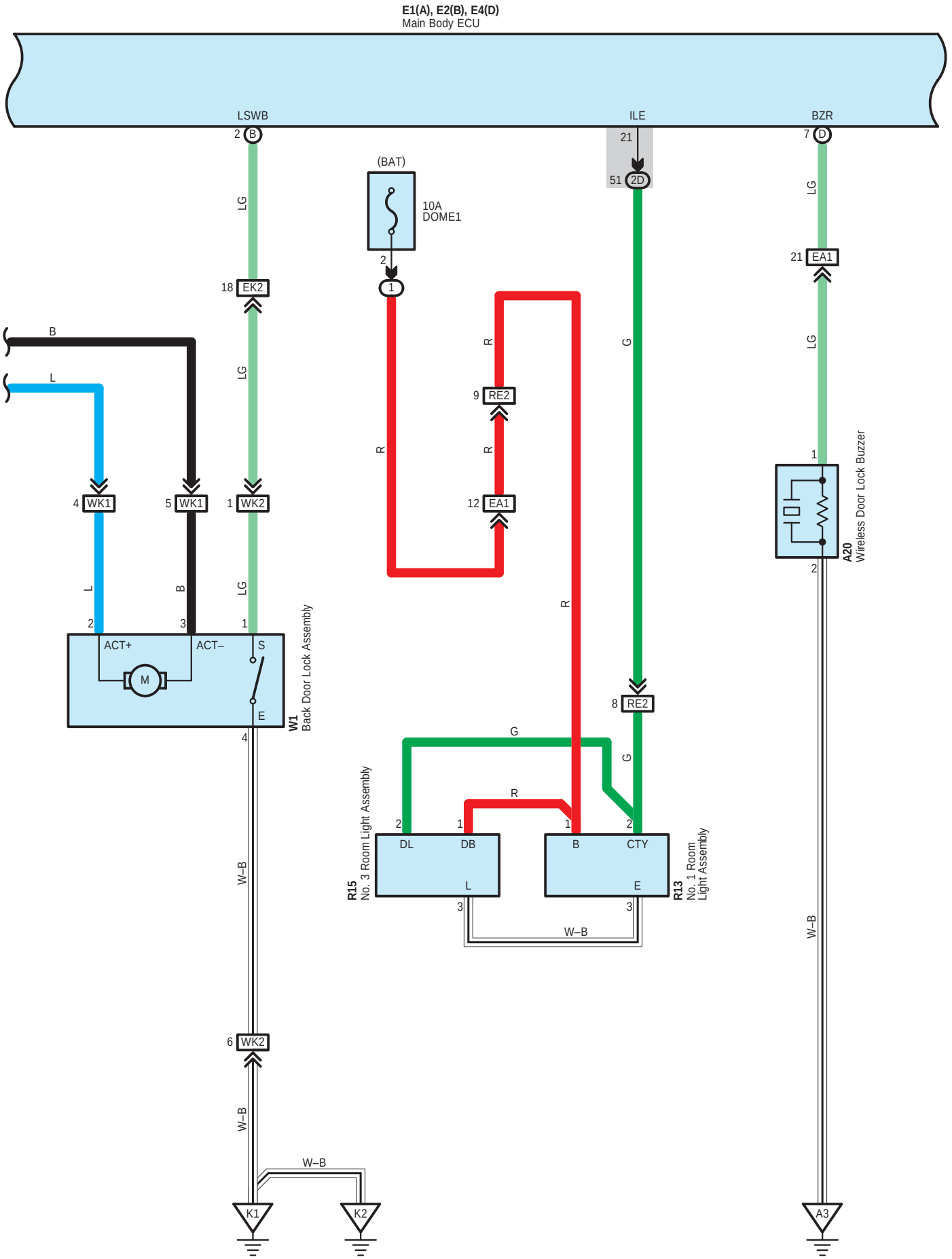

RE2
Blue
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11
WK1
White
1 2
3 4
5 6
2 1
4 3
6 5
WK2
Gray
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
gF1
Black
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

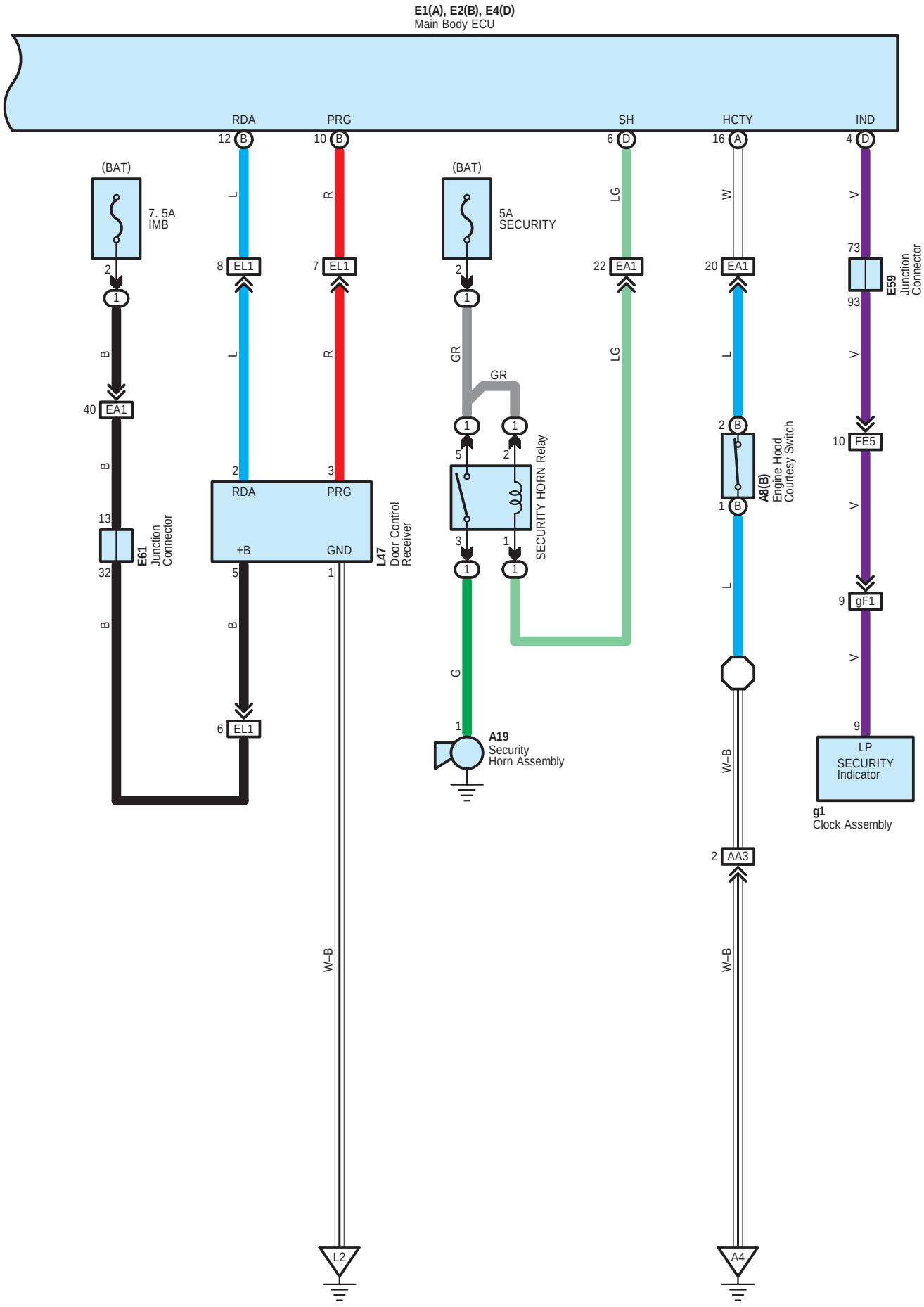

E1(A), E2(B), E4(D)
Main Body ECU
(BAT)
(IG)
(ACC)
25A
DOOR
NO. 1
10A
ECU–IG
No. 2
7. 5A
ACC
ACC
IG
ALTB
GND1
GND2
22
15
6
5
4
DCTY(LHD)
PCTY(RHD)
24 A (LHD)
21 B (RHD)
LCTY
17
62 2D
2 2C
W–B
L
W
4
1
E62
Junction Connector
63
43
E59
Junction Connector
23 EK2
1
K2
Front Door Courtesy Light Switch Assembly LH
K3
Rear Door Courtesy Light Switch Assembly LH
E1


E1(A), E2(B), E4(D)
Main Body ECU
PCTY(LHD)
DCTY(RHD)
RCTY
BCTY
KSW
21 B (LHD)
24 A (RHD)
17 A
25 B
5 D
P
G
W
BR
B
19
29
E61
Junction Connector
10
8
E63
Junction
Connector
20 EK2
9 WK2
15 FE4
22 FL2
1 FE3
21 FL2
2
1
+
E
W3
Back Door Courtesy Light
Switch Assembly
UN+
UN–
E94
Un–Lock Warning
Switch Assembly
L1
Front Door Courtesy Light Switch Assembly RH
L2
Rear Door Courtesy Light Switch Assembly RH
W–B
8 WK2
(LHD)
(RHD)
K2
K1
E1
E3


E1(A), E2(B), E4(D)
Main Body ECU
ACTD
LSWD
LSWP
ACT+
5 A
9 A
27 B
1
3 2D
B (RHD)
B (LHD)
BE (RHD)
BE (LHD)
BE (RHD)
Y (LHD)
L
L
6
13
E106
Junction Connector
5
14
16 IE3
16 IE6
8 IE6
8 IE3
Y(LHD)
BE(RHD)
L
BE
L
L
8 B
4 B
7 B
4 B
LSSR
L
Unlock Detection
M
E
UL
I14(B)
Front Door Lock Assembly LH
I6(B)
Front Door Lock Assembly RH
7 B
1 B
8 B
1 B
W–B
B
W–B
B
9 IE6
9 IE3
B(RHD)
B (RHD)
B (LHD)
B(LHD)
B(RHD)
W–B
W–B
I2
I1


E1(A), E2(B), E4(D)
Main Body ECU
LSWL
ACT–
LSWR
20
3
5 B
23 2C
24 2C
1 2C
2 2D
B
L
BE
9 JK1
18 JK1
16 JK1
4 B
6 B
L
LSSR
M
Unlock Detection
UL
E
1 B
9 B
J13(B)
Rear Door Lock Assembly LH
W–B
10 JK1
7
2
1
E106
Junction Connector
40 EL1
41 EL1
38 EL1
18 JL1
9 JL1
16 JL1
J6(B)
Rear Door Lock Assembly RH
10 JL1
(LHD)
(RHD)
B(LHD)
B(RHD)
K1
L1


E1(A), E2(B), E4(D)
Main Body ECU
LSWB
ILE
BZR
2 B
21
7 D
(BAT)
10A
DOME1
51 2D
LG
21 EA1
18 EK2
2
1
R
G
LG
9 RE2
B
L
R
R
12 EA1
4 WK1
5 WK1
1 WK2
L
B
LG
2
3
1
ACT+
ACT–
S
M
E
W1
Back Door Lock Assembly
R
8 RE2
G
G
R
2
1
1
2
DL
DB
B
CTY
L
E
3
3
R15
No. 3 Room Light Assembly
R13
No. 1 Room
Light Assembly
W–B
4
W–B
6 WK2
W–B
W–B
K1
K2
1
A20
Wireless Door Lock Buzzer
2
W–B
A3

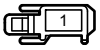

E1(A), E2(B), E4(D)
Main Body ECU
RDA
PRG
SH
HCTY
IND
12 B
10 B
6 D
16 A
4 D
(BAT)
7. 5A
IMB
2
1
B
40 EA1
B
13
E61
Junction
Connector
32
B
L
8 EL1
L
2
RDA
+B
5
B
6 EL1
R
7 EL1
R
3
PRG
GND
1
L47
Door Control
Receiver
W–B
L2
(BAT)
5A
SECURITY
2
1
GR
GR
1
1
5
2
3
1
1
1
SECURITY HORN Relay
G
1
A19
Security
Horn Assembly
LG
22 EA1
LG
W
20 EA1
L
2 B
1 B
A8(B)
Engine Hood
Courtesy Switch
L
W–B
2 AA3
W–B
A4
V
73
93
E59
Junction
Connector
V
10 FE5
V
9 gF1
V
9
LP
SECURITY
Indicator
g1
Clock Assembly

A 8
Black

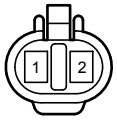


(Except U.K.)

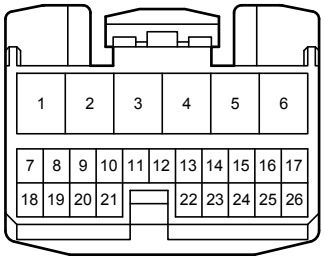
A 19
Black



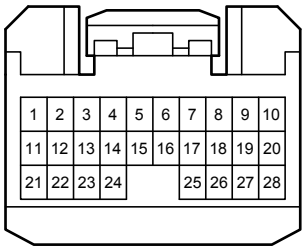
A 20
Black



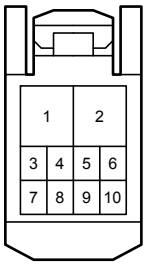
E 1
White



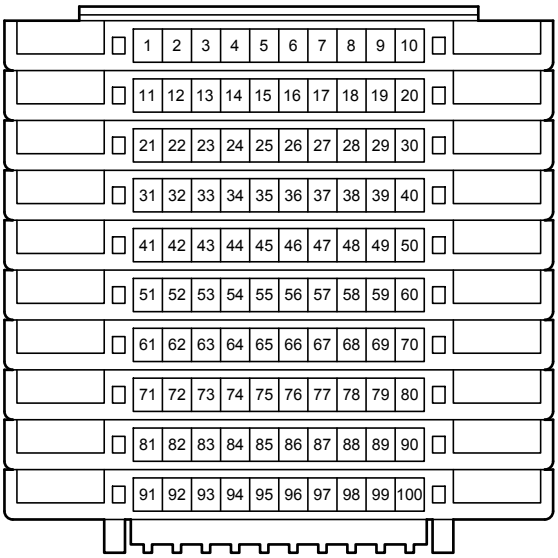
E 2
White



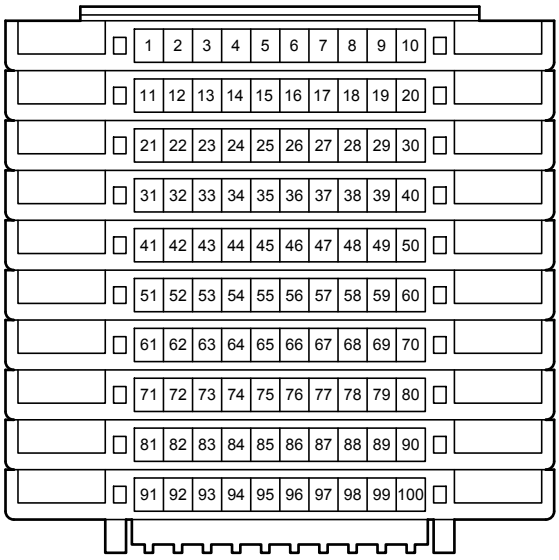
E 4
White



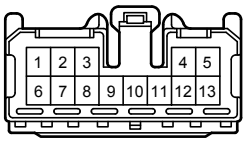
E 59



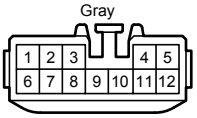
E 61



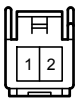
E 62
White



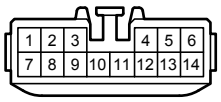
E 63
Gray



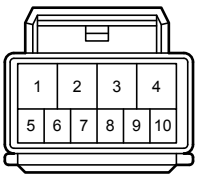
E 94
White



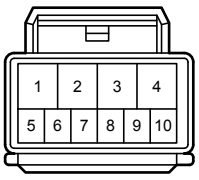
E106
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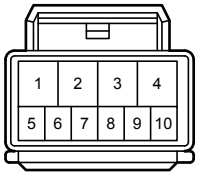
I 6
White



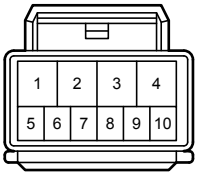
I 14
White



J 6
White



J 13
White



K 2
White



K 3
White



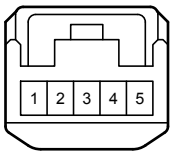
L 1
White



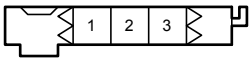
L 2
White



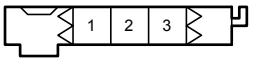
L 47
White



R 13
White



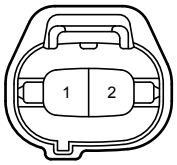
R 15
White



W 1
White



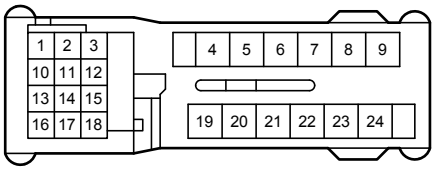
W 3
Blue



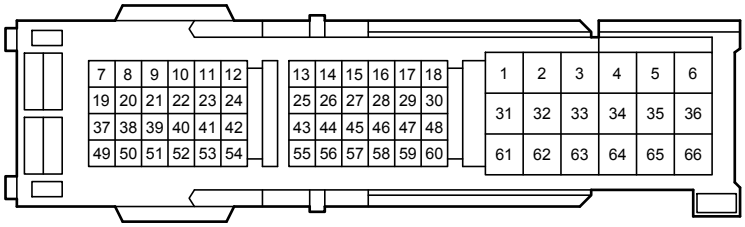
g 1
White



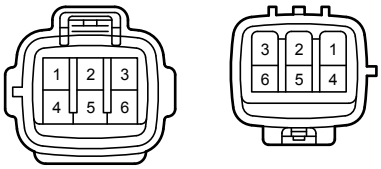
2C
White



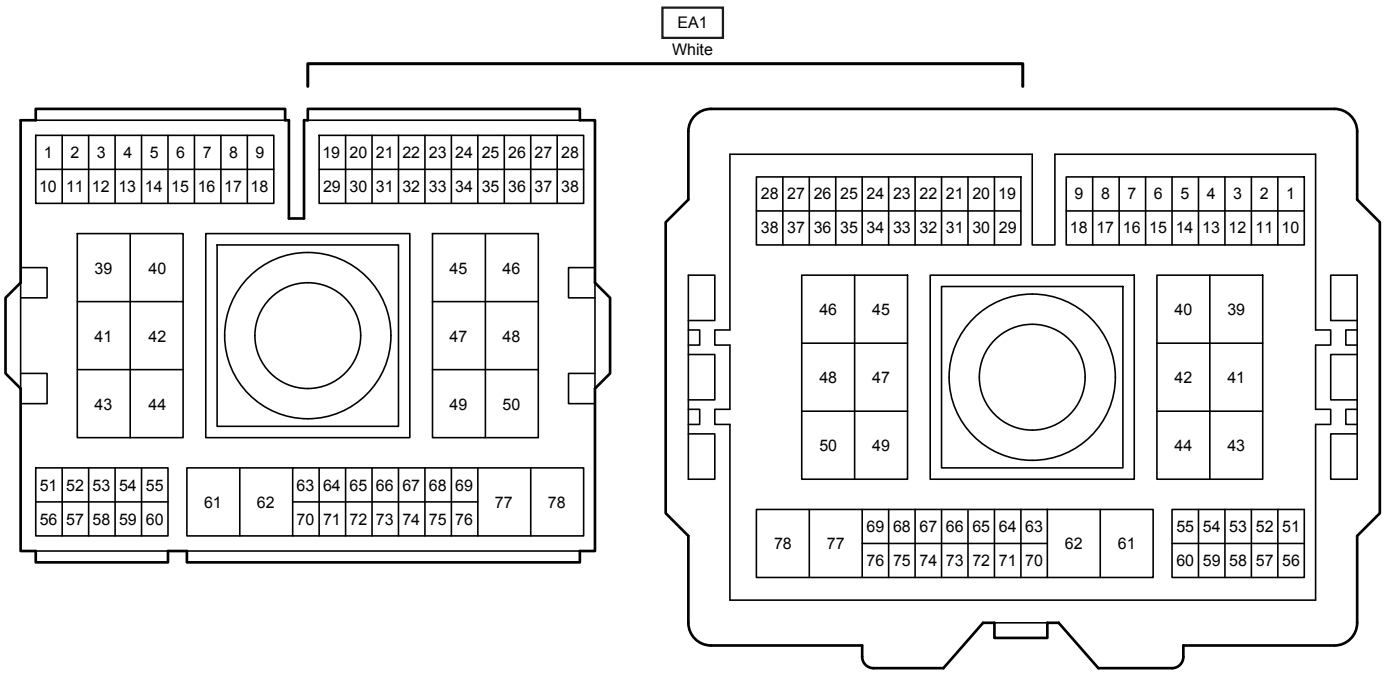
2D
White



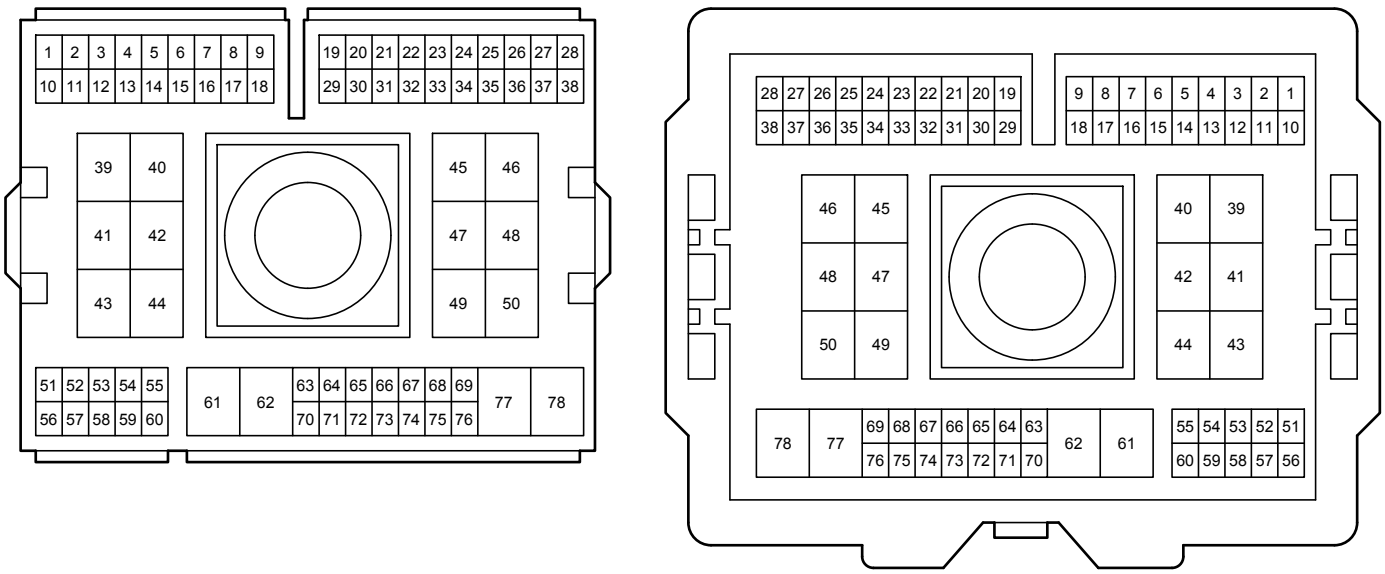
AA3
Gray



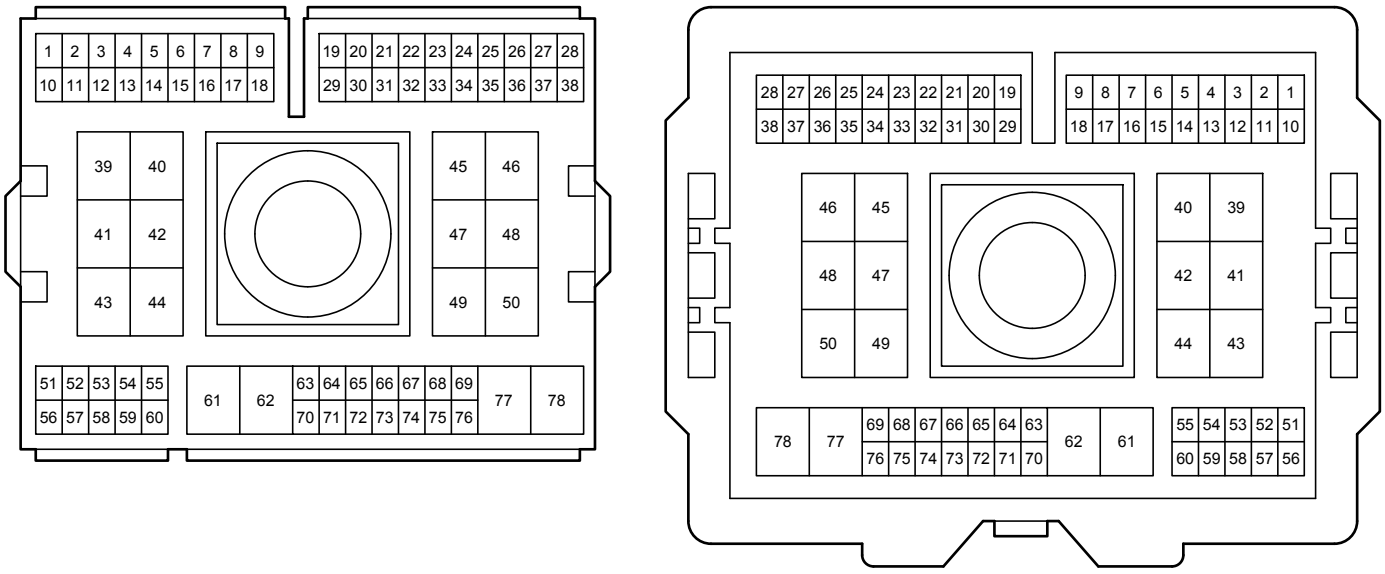
EA1
White



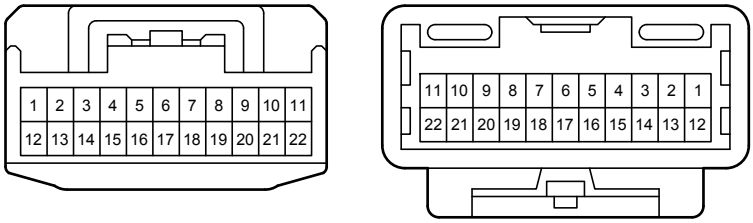
EK2
White



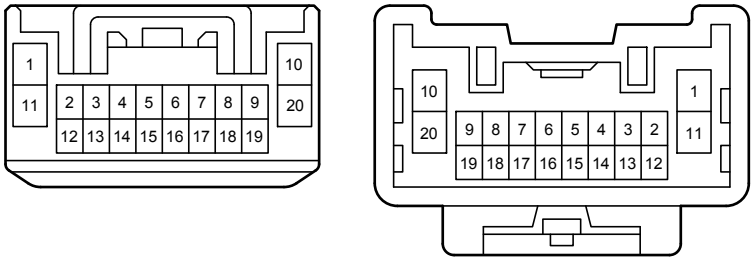
EL1
White



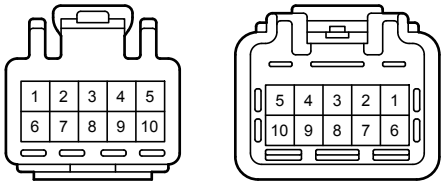
FE3
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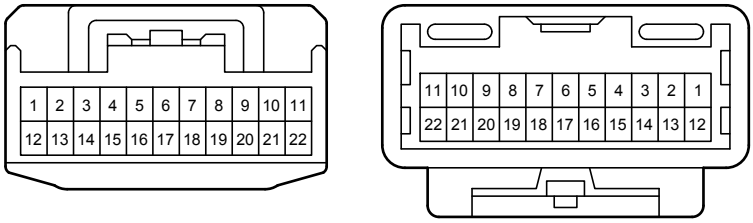
FE4
White



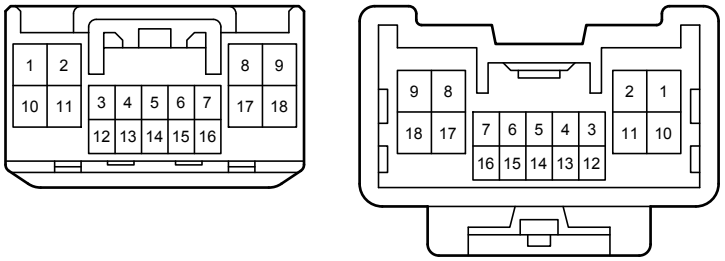
FE5
White



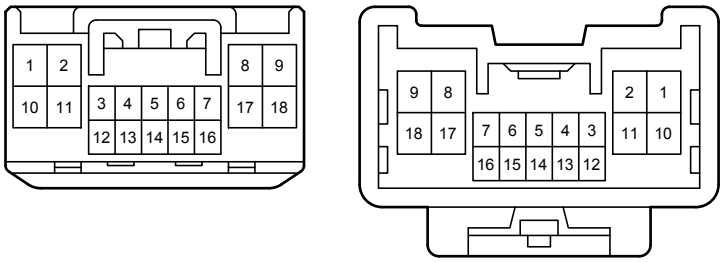
FL2
Blue



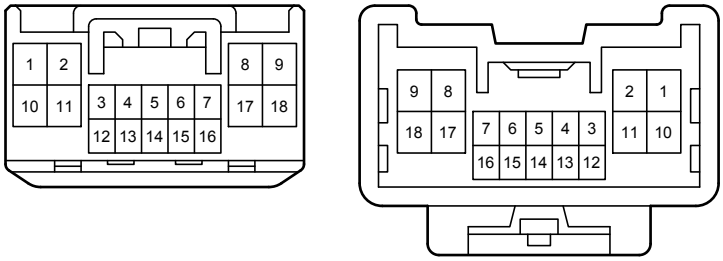
IE3
White



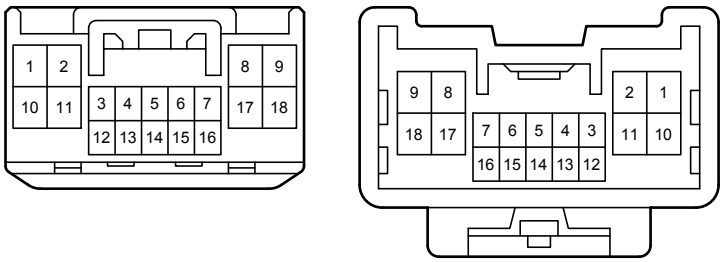
IE6
White



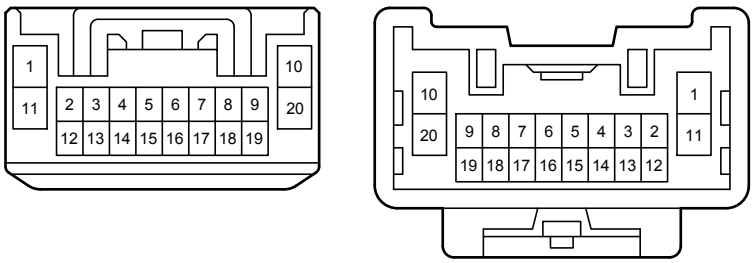
JK1
White



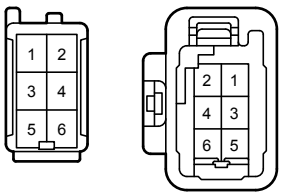
JL1
White



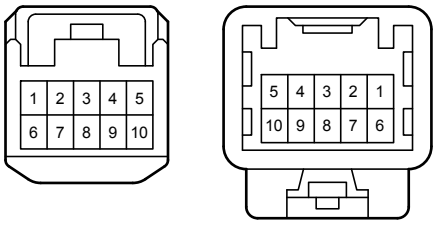
RE2
Blue



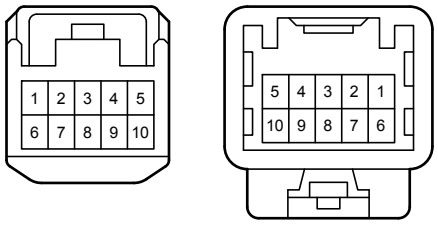
WK1
White

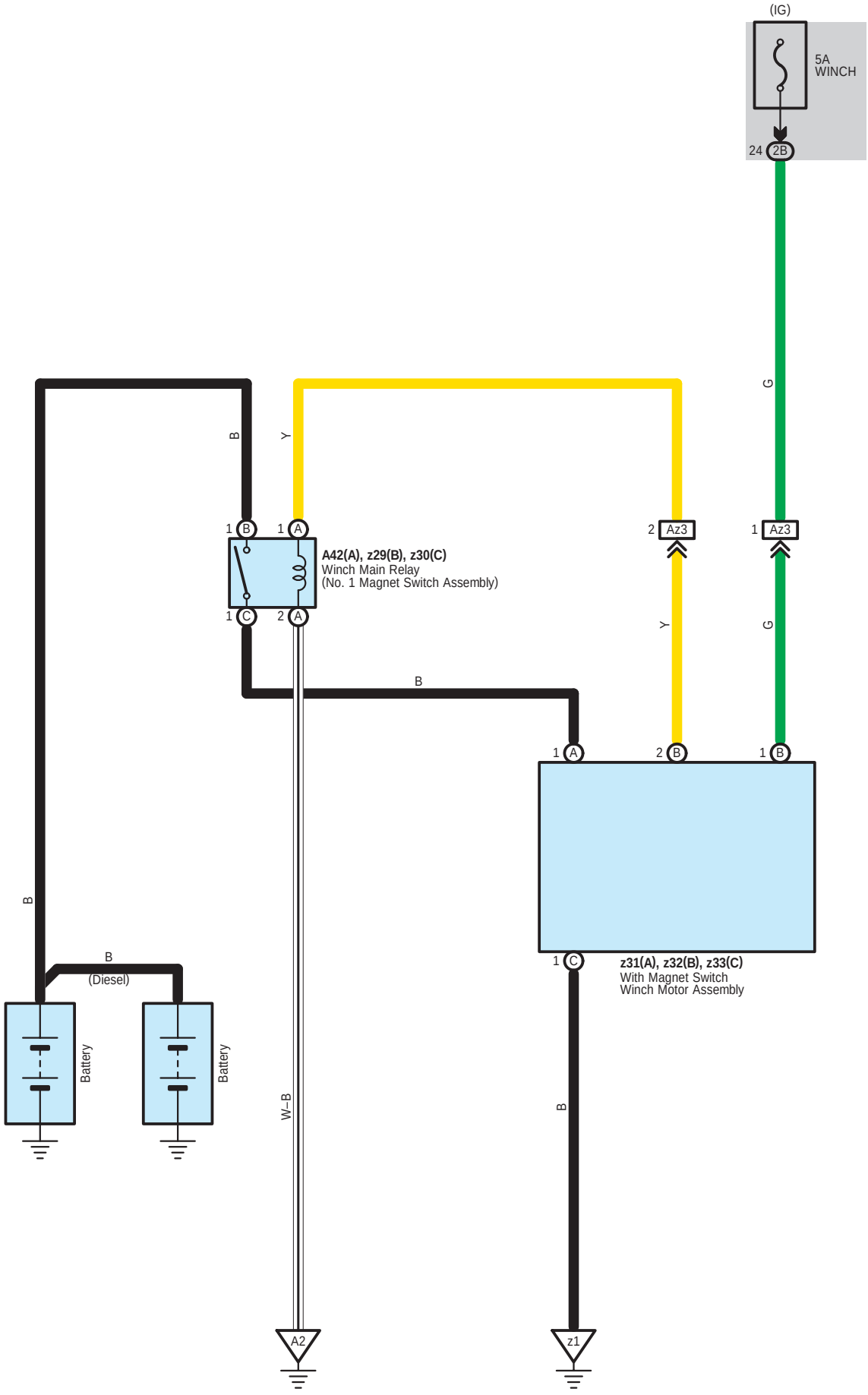


WK2
Gray

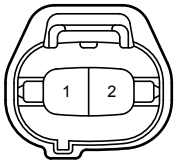


gF1
Black

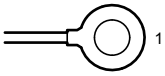



(IG)
5A
WINCH
24 2B
G
B
Y
1 B
1 A
2 Az3
1 Az3
A42(A), z29(B), z30(C)
Winch Main Relay
(No. 1 Magnet Switch Assembly)
1 C
2 A
Y
G
B
1 A
2 B
1 B
B
B
(Diesel)
Battery
Battery
W–B
1 C
z31(A), z32(B), z33(C)
With Magnet Switch
Winch Motor Assembly
B
A2
z1

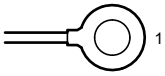
A 42
Black



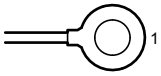
z 29



z 30



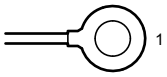
z 31



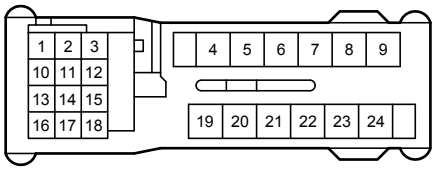
z 32
Gray



z 33



2B
White



Az3
Gray

