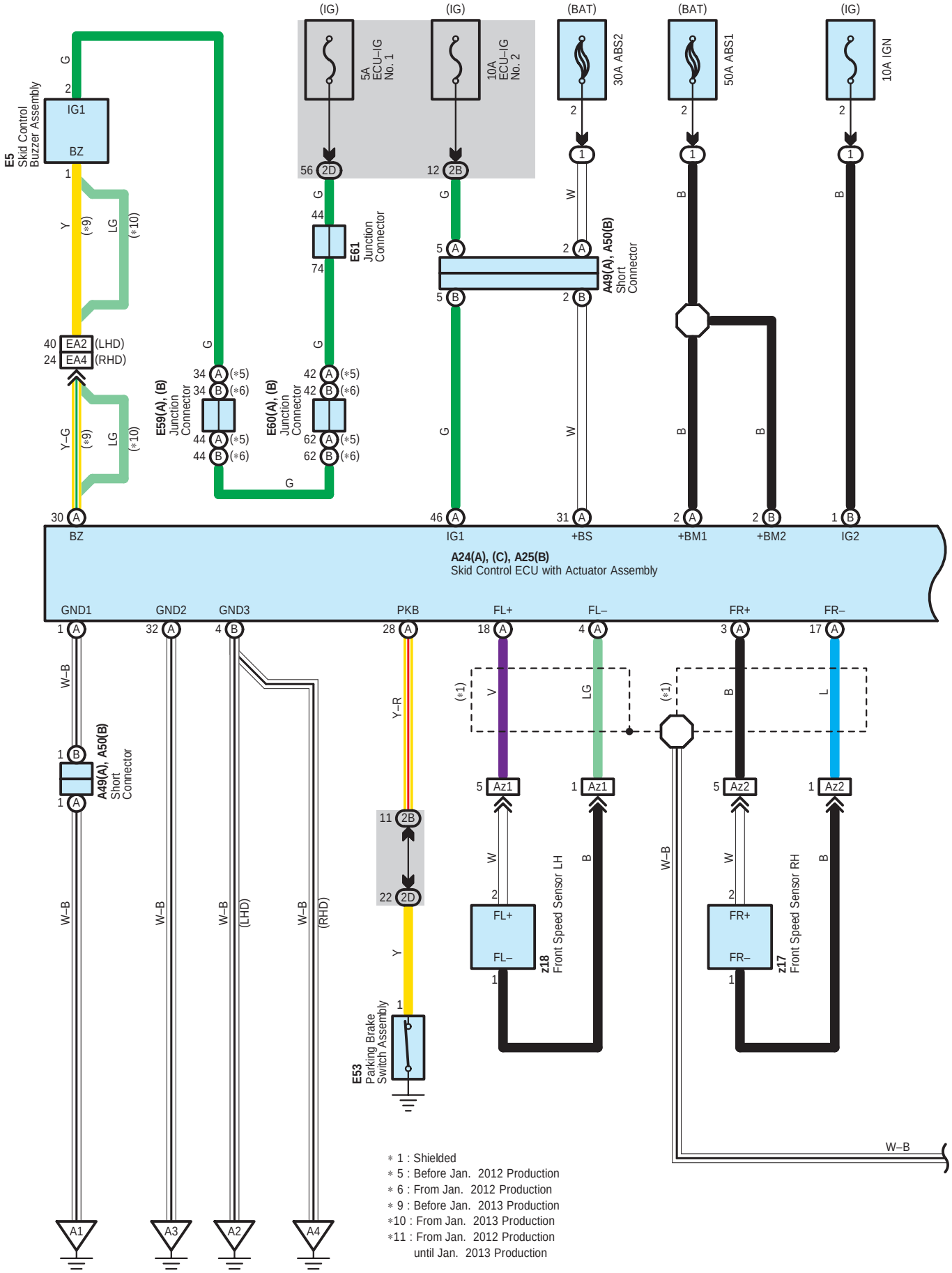
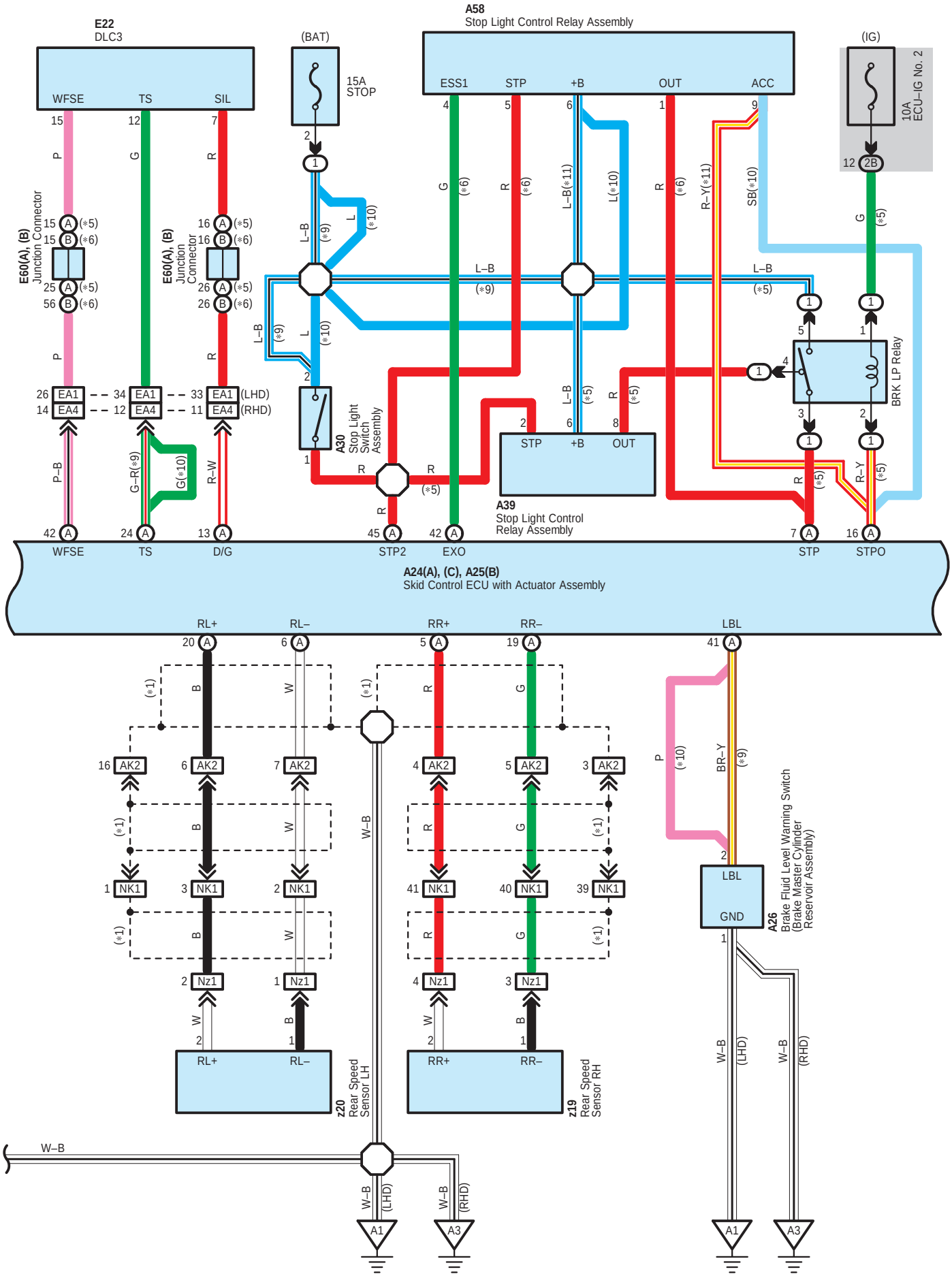
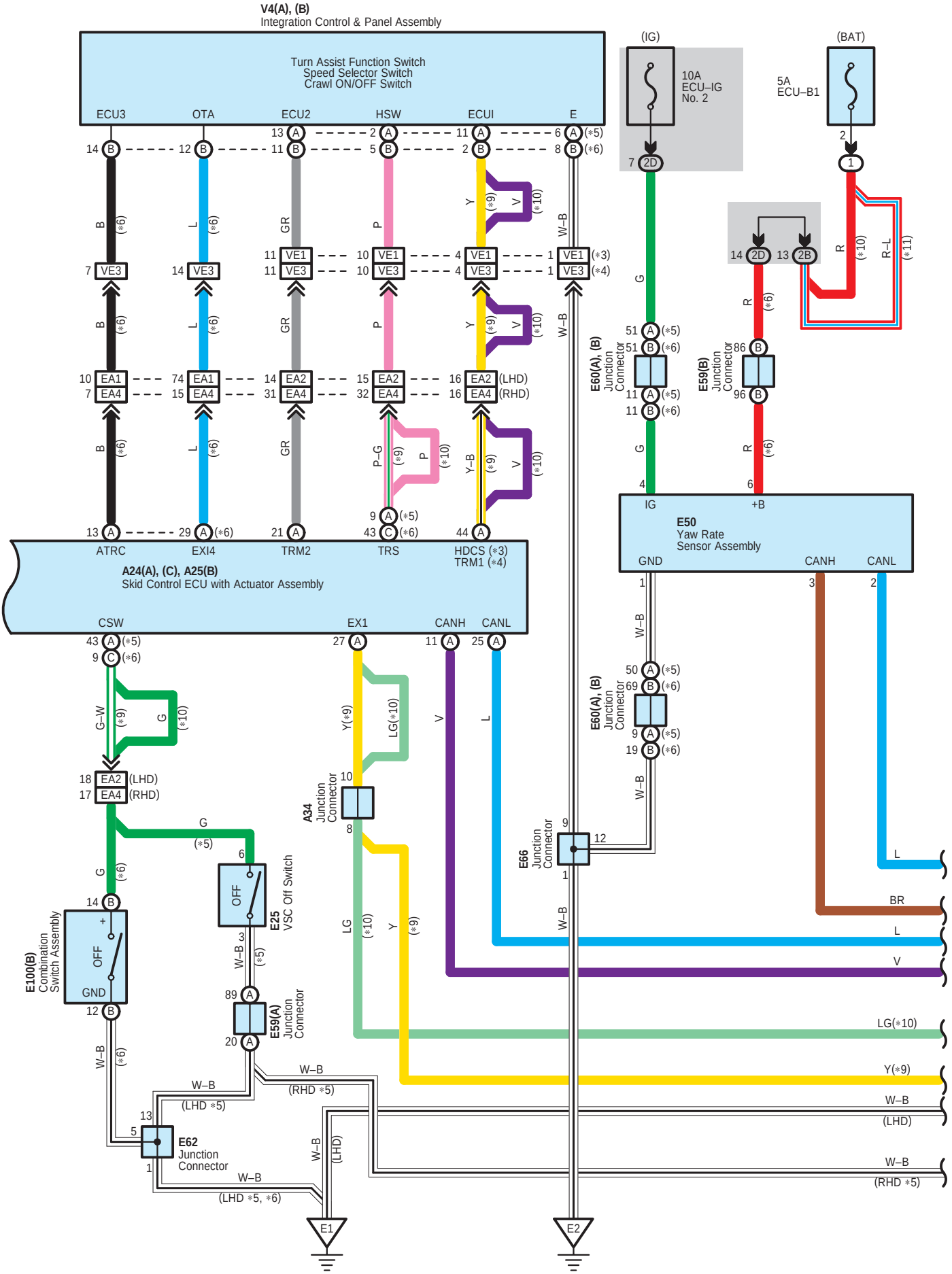
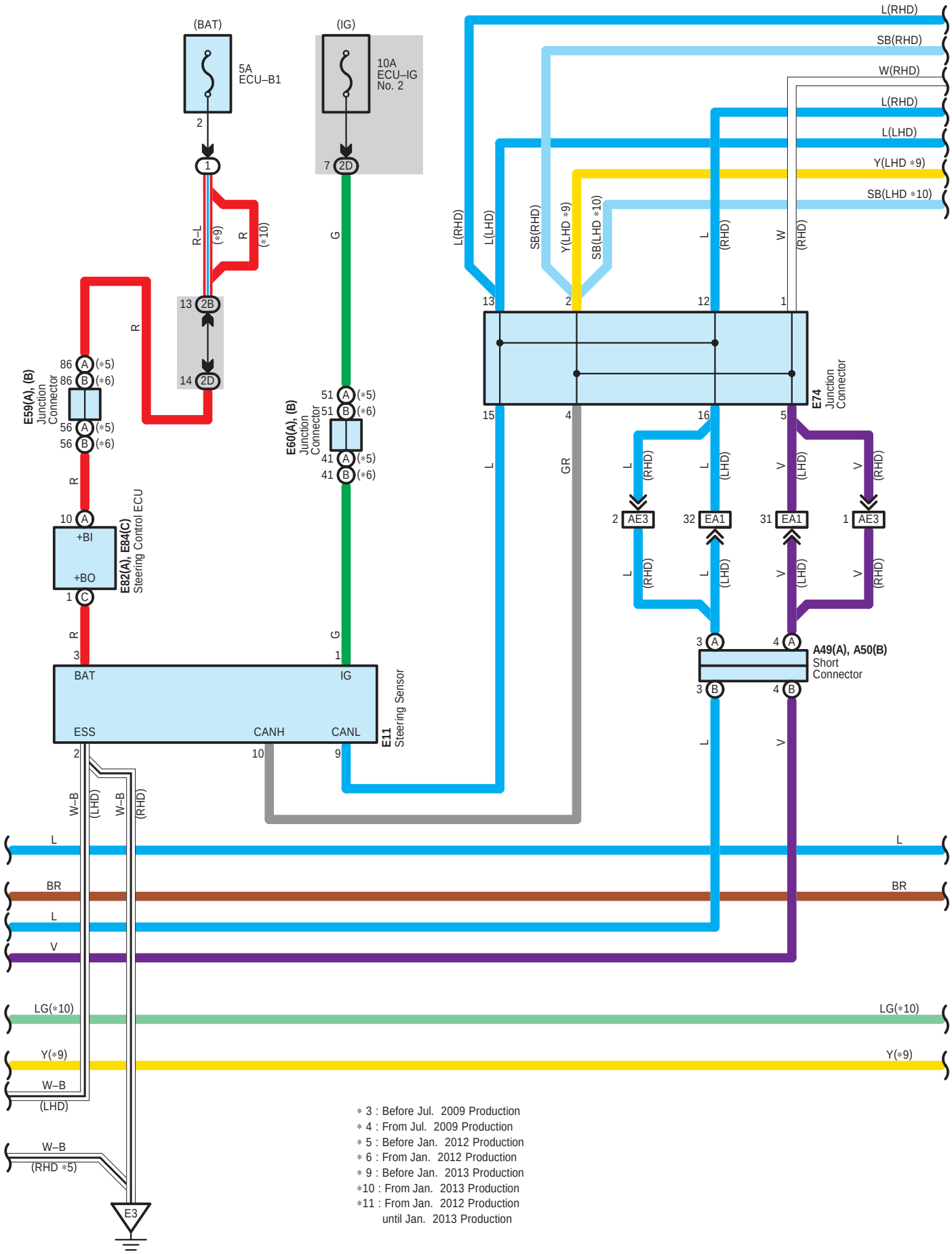


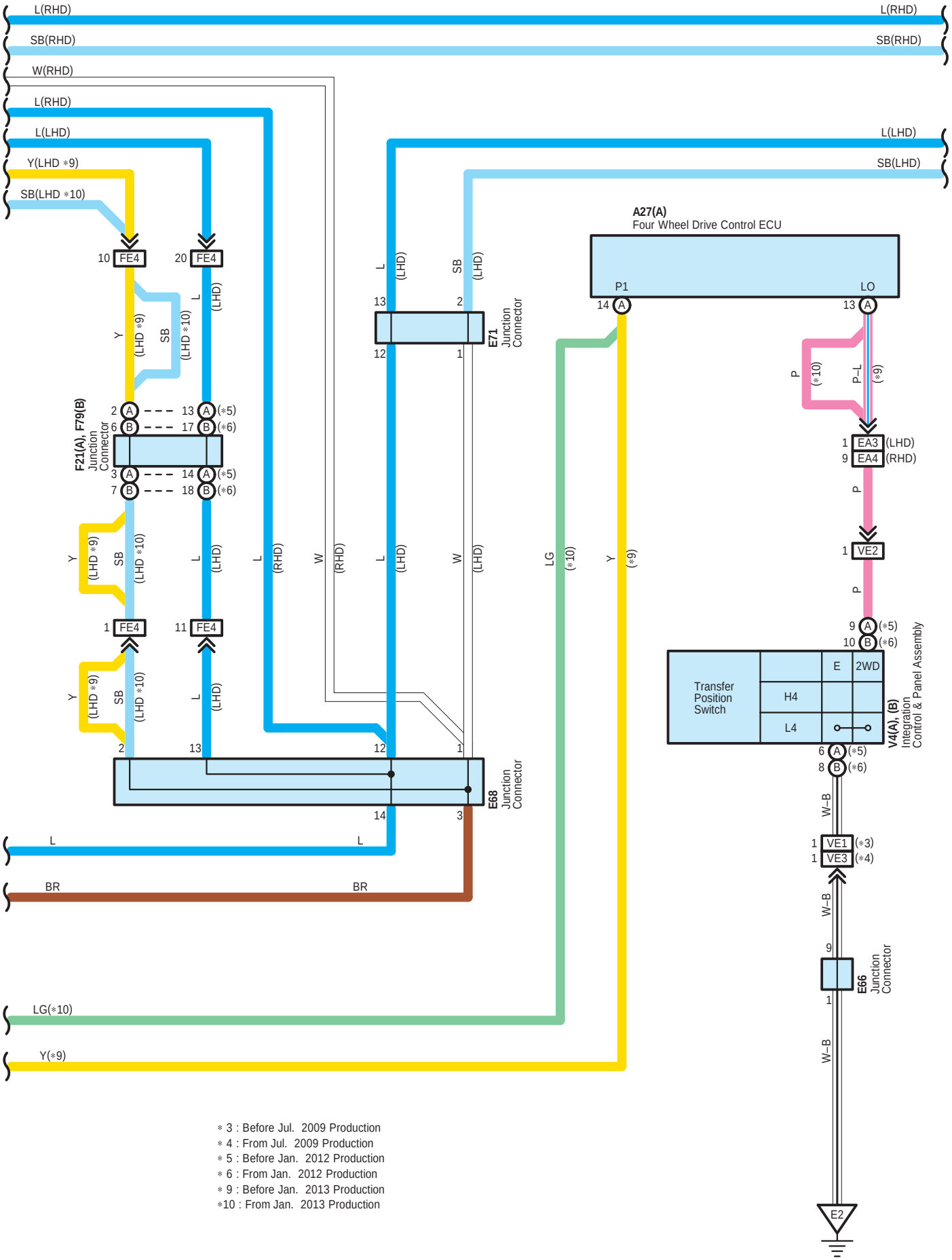

∗ 1 : Shielded
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 9 : Before Jan. 2013 Production
∗10 : From Jan. 2013 Production
∗11 : From Jan. 2012 Production until Jan. 2013 Production


E22
DLC3
WFSE
TS
SIL
(BAT)
15A
STOP
A58
Stop Light Control Relay Assembly
ESS1
STP
+B
OUT
ACC
(IG)
10A
ECU–IG No. 2
E60(A), (B)
Junction Connector
A30
Stop Light
Switch
Assembly
A39
Stop Light Control
Relay Assembly
BRK LP Relay
A24(A), (C), A25(B)
Skid Control ECU with Actuator Assembly
WFSE
TS
D/G
STP2
EXO
STP
STPO
RL+
RL–
RR+
RR–
LBL
AK2
NK1
Nz1
z20
Rear Speed
Sensor LH
z19
Rear Speed
Sensor RH
A26
Brake Fluid Level Warning Switch
(Brake Master Cylinder
Reservoir Assembly)
GND
W–B
(LHD)
(RHD)
A1
A3

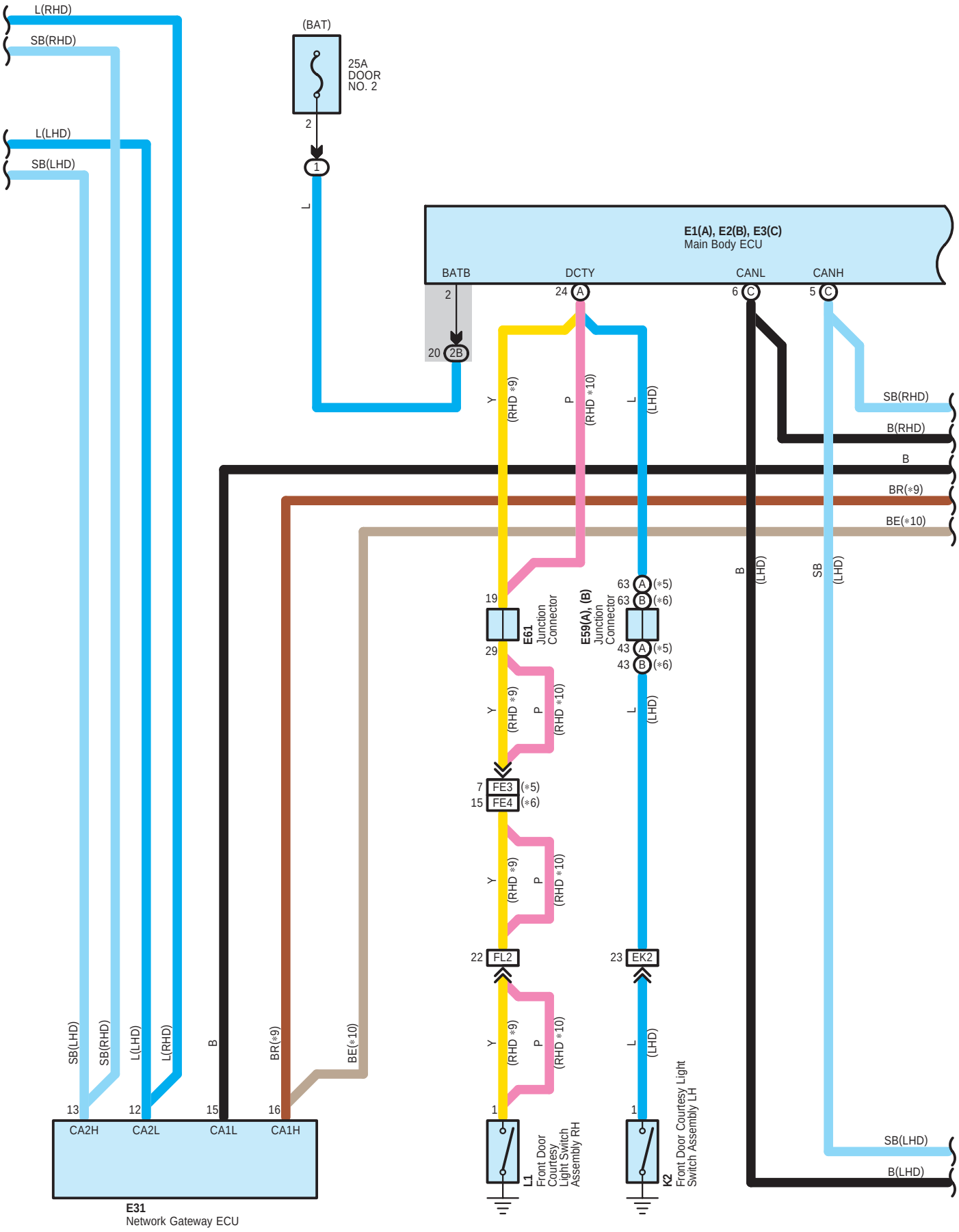

V4(A), (B)
Integration Control & Panel Assembly
Turn Assist Function Switch
Speed Selector Switch
Crawl ON/OFF Switch
ECU3
OTA
ECU2
HSW
ECUI
E
(IG)
10A
ECU–IG
No. 2
(BAT)
5A
ECU–B1
ATRC
EXI4
TRM2
TRS
HDCS (*3)
TRM1 (*4)
A24(A), (C), A25(B)
Skid Control ECU with Actuator Assembly
CSW
EX1
CANH
CANL
E50
Yaw Rate
Sensor Assembly
GND
IG
+B
E60(A), (B)
Junction
Connector
E59(B)
Junction
Connector
A34
Junction
Connector
E66
Junction
Connector
E100(B)
Combination
Switch Assembly
E25
VSC Off Switch
E59(A)
Junction
Connector
E62
Junction
Connector
E1
E2
LG(*10)
Y(*9)
W–B
(RHD *5)
W–B
(LHD *5)
W–B
(LHD)
W–B
(LHD *5, *6)
W–B
(RHD *5)
BR
L
V

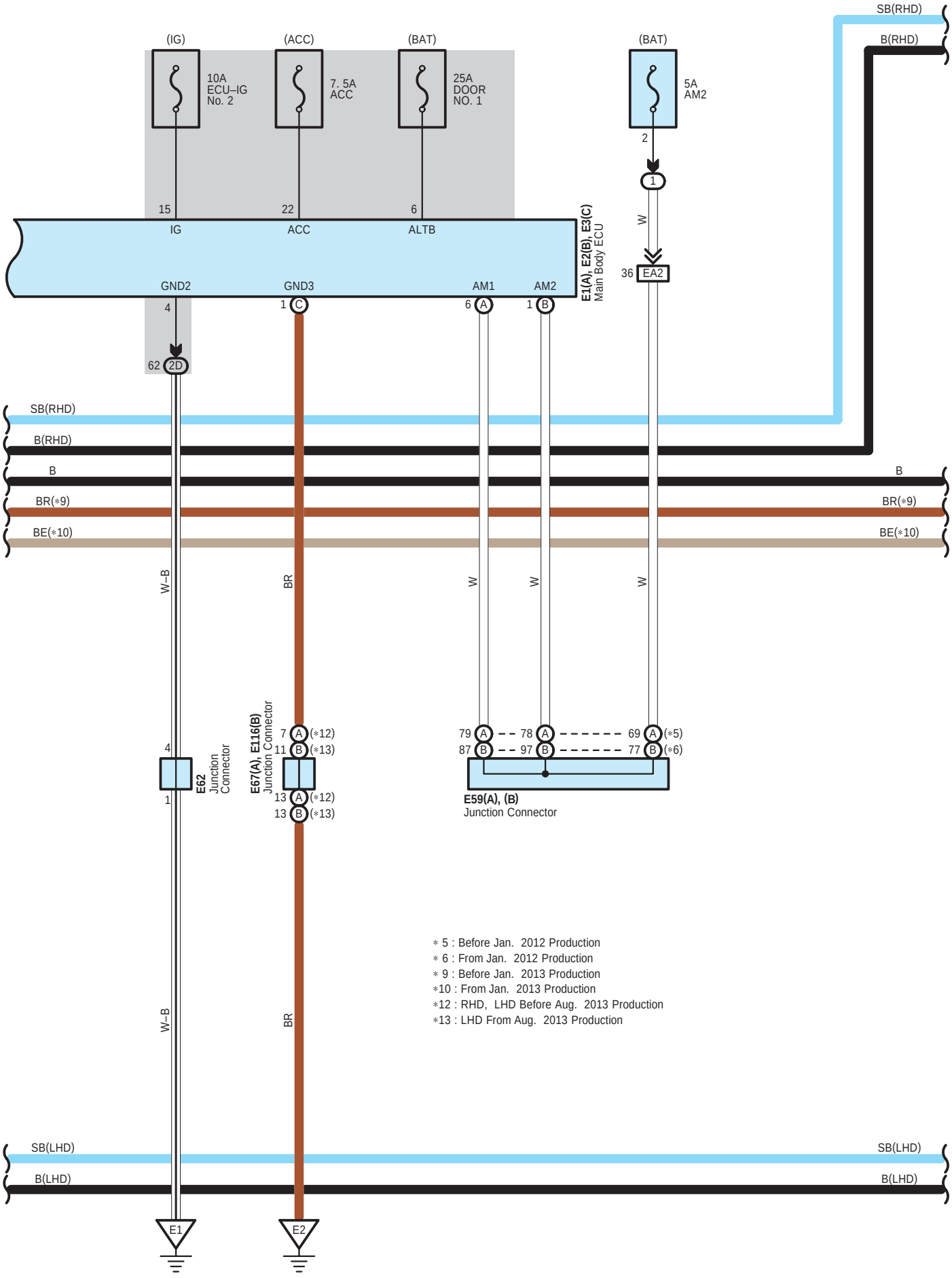


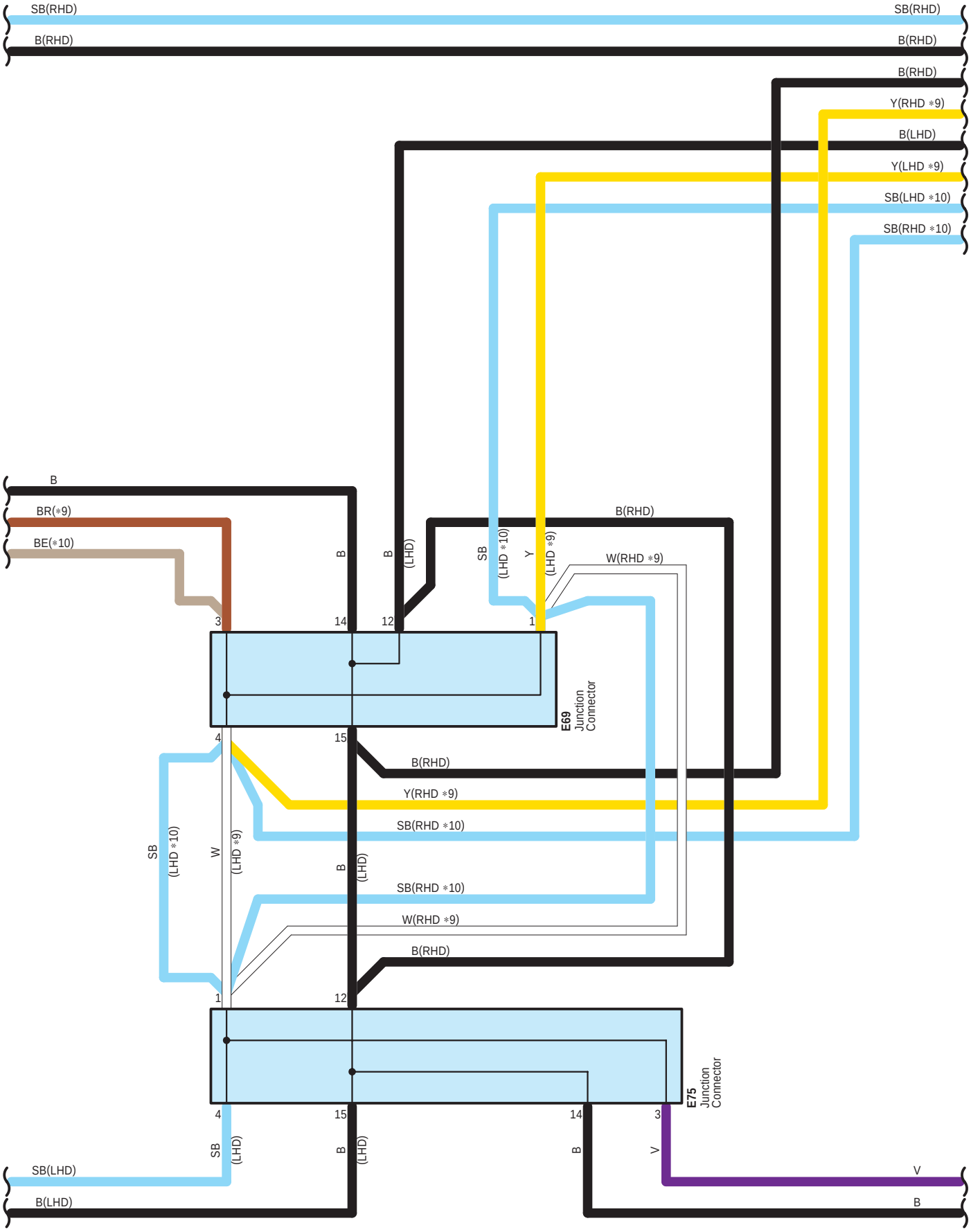

∗ 3 : Before Jul. 2009 Production
∗ 4 : From Jul. 2009 Production
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 9 : Before Jan. 2013 Production
∗10 : From Jan. 2013 Production
∗11 : From Jan. 2012 Production
until Jan. 2013 Production

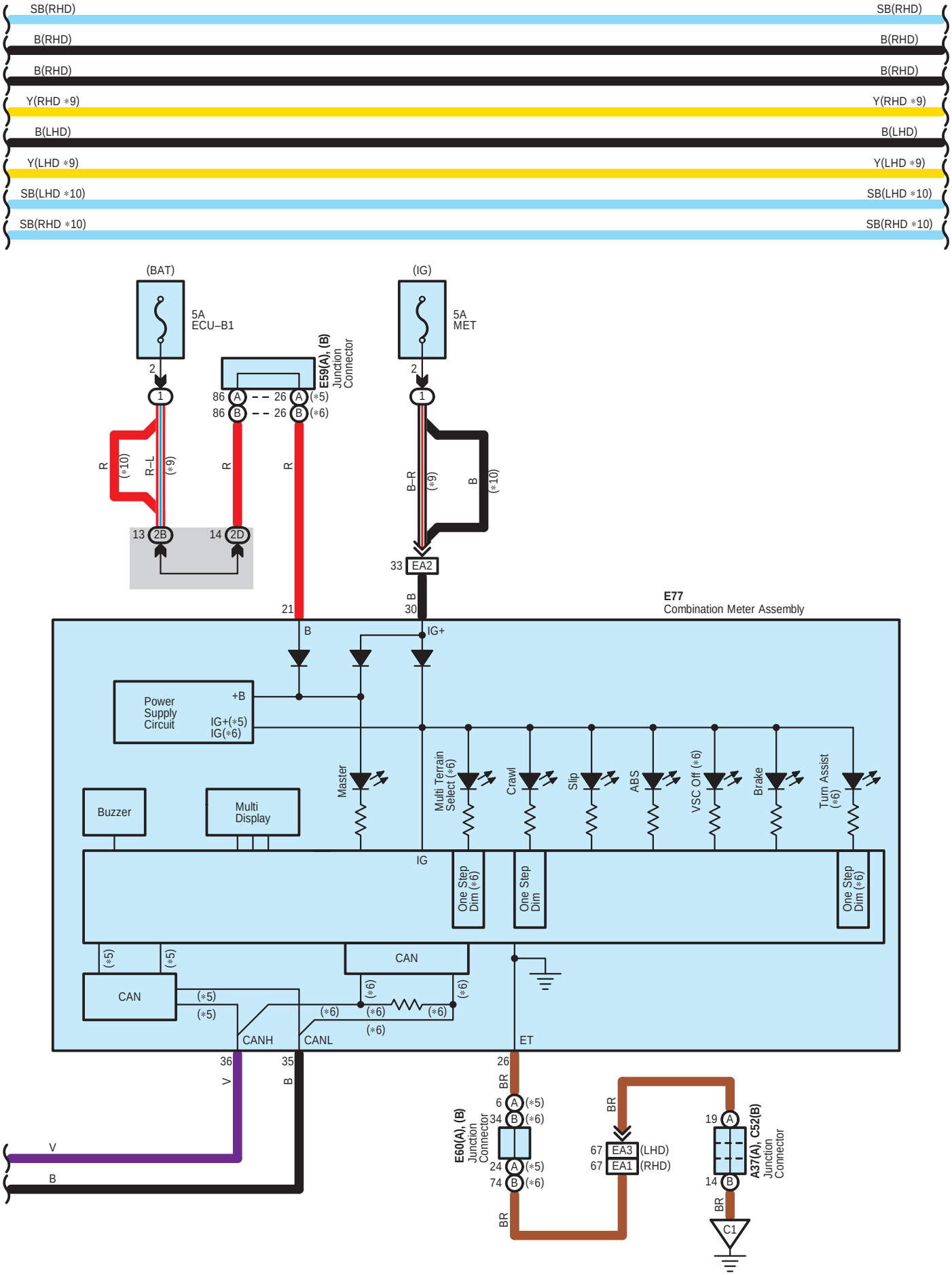


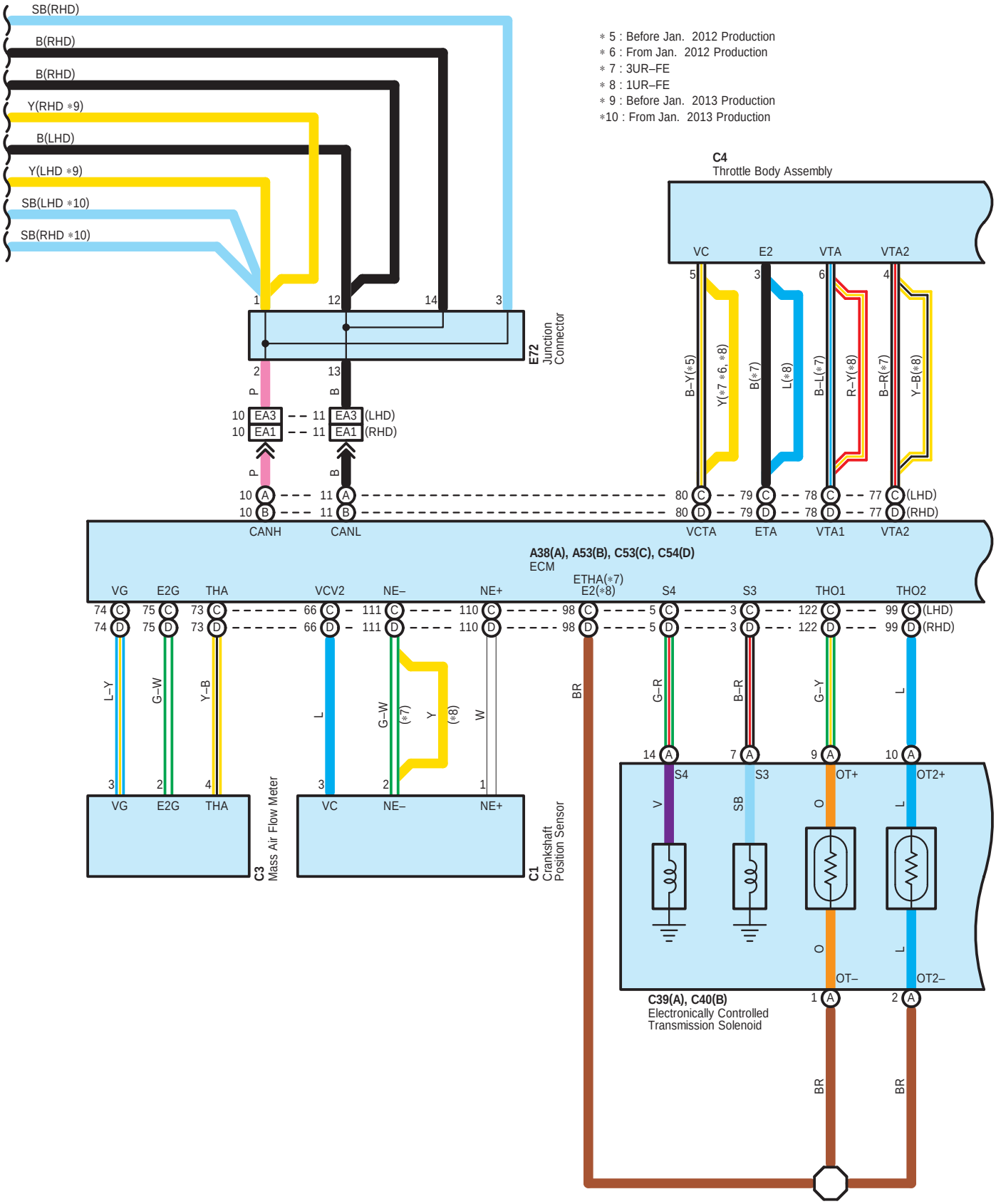

∗ 3 : Before Jul. 2009 Production
∗ 4 : From Jul. 2009 Production
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 9 : Before Jan. 2013 Production
∗10 : From Jan. 2013 Production

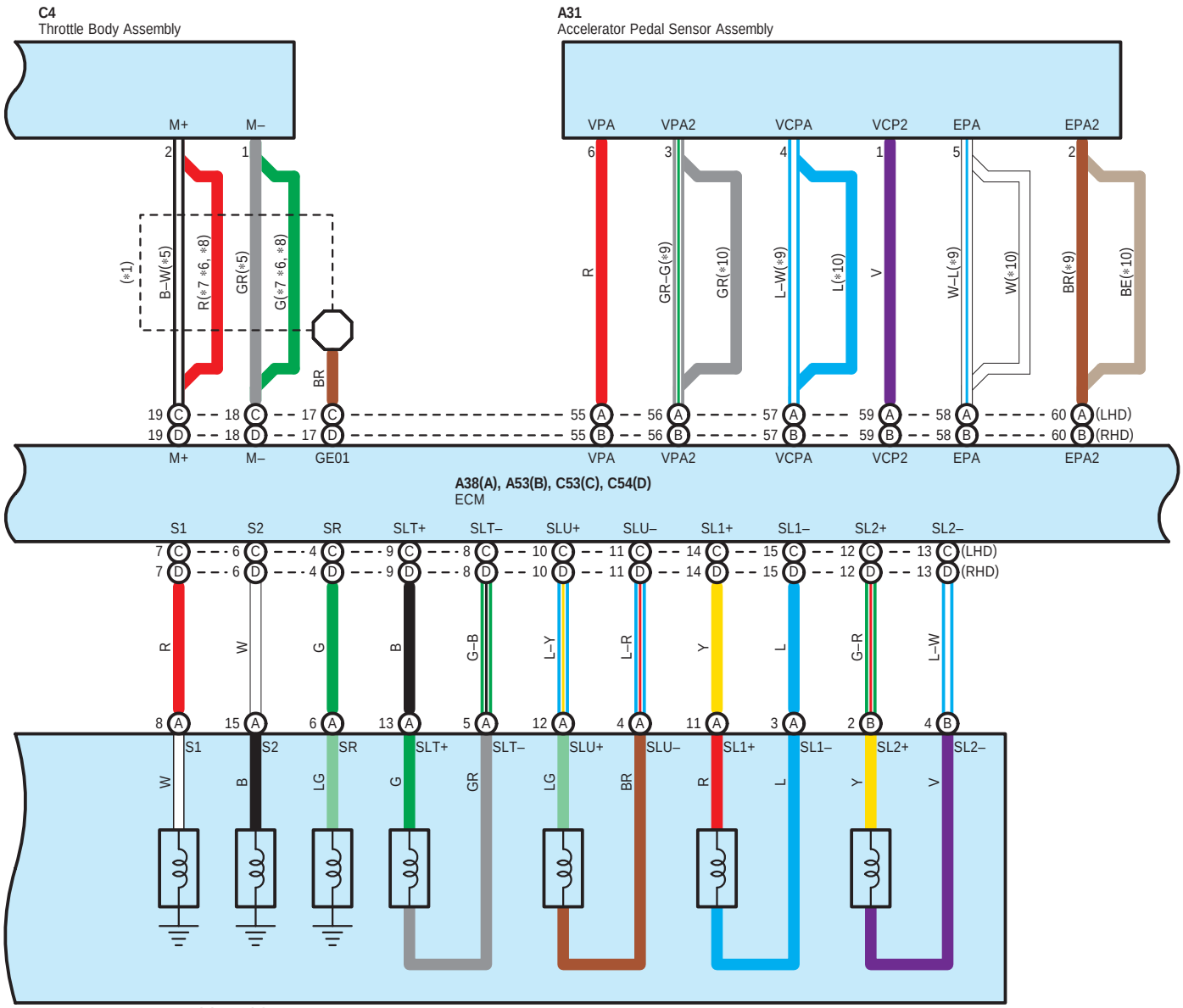

L(RHD)
SB(RHD)
L(LHD)
SB(LHD)
(BAT)
25A
DOOR
NO. 2
2
1
L
E1(A), E2(B), E3(C)
Main Body ECU
BATB
DCTY
CANL
CANH
2
20 2B
24 A
6 C
5 C
Y (RHD *9)
P (RHD *10)
L (LHD)
SB(RHD)
B(RHD)
B
BR(*9)
BE(*10)
B (LHD)
SB (LHD)
19
29
E61
Junction
Connector
E59(A), (B)
Junction
Connector
63 A (*5)
63 B (*6)
43 A (*5)
43 B (*6)
7 FE3 (*5)
15 FE4 (*6)
22 FL2
23 EK2
1
L1
Front Door
Courtesy
Light Switch
Assembly RH
K2
Front Door Courtesy Light
Switch Assembly LH
SB(LHD)
B(LHD)
SB(LHD)
SB(RHD)
L(LHD)
L(RHD)
B
BR(*9)
BE(*10)
13
12
15
16
CA2H
CA2L
CA1L
CA1H
E31
Network Gateway ECU


(IG)
(ACC)
(BAT)
(BAT)
10A
ECU–IG
No. 2
7. 5A
ACC
25A
DOOR
NO. 1
5A
AM2
SB(RHD)
B(RHD)
15
22
6
2
1
IG
ACC
ALTB
W
E1(A), E2(B), E3(C)
Main Body ECU
GND2
GND3
AM1
AM2
36 EA2
4
1 C
6 A
1 B
62 2D
SB(RHD)
B(RHD)
B
BR(∗9)
BE(∗10)
W–B
BR
W
W
W
E67(A), E116(B)
Junction Connector
7 A (∗12)
11 B (∗13)
13 A (∗12)
13 B (∗13)
79 A
78 A
69 A (∗5)
87 B
97 B
77 B (∗6)
4
1
E62
Junction
Connector
E59(A), (B)
Junction Connector
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 9 : Before Jan. 2013 Production
∗10 : From Jan. 2013 Production
∗12 : RHD, LHD Before Aug. 2013 Production
∗13 : LHD From Aug. 2013 Production
W–B
BR
SB(LHD)
B(LHD)
E1
E2

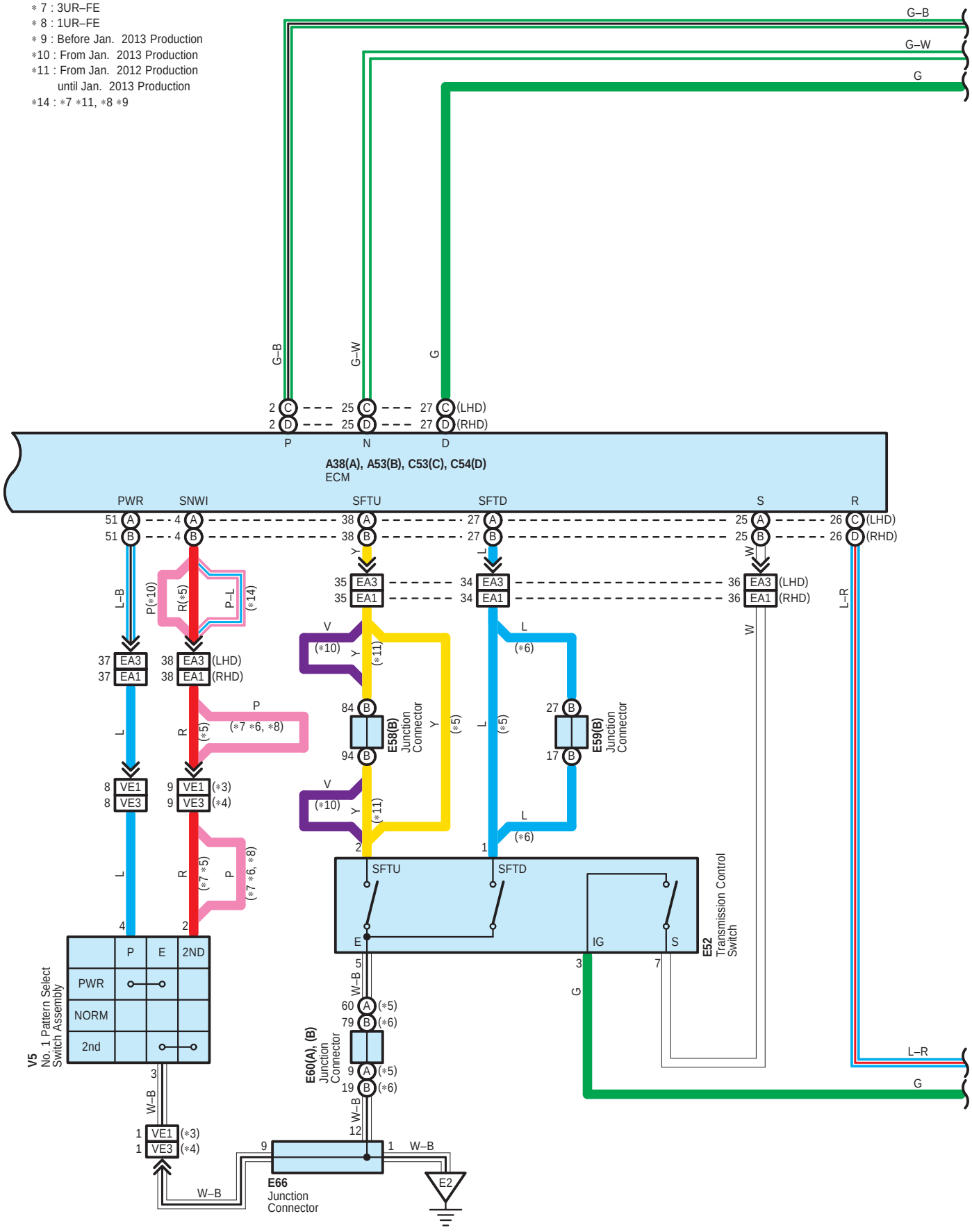

SB(RHD)
B(RHD)
SB(RHD)
B(RHD)
B(RHD)
Y(RHD ∗9)
B(LHD)
Y(LHD ∗9)
SB(LHD ∗10)
SB(RHD ∗10)
B
BR(∗9)
BE(∗10)
B
B (LHD)
SB (LHD ∗10)
Y (LHD ∗9)
B(RHD)
W(RHD ∗9)
3
14
12
1
E69 Junction Connector
4
15
B(RHD)
Y(RHD ∗9)
SB (LHD ∗10)
W (LHD ∗9)
B (LHD)
SB(RHD ∗10)
W(RHD ∗9)
B(RHD)
1
12
E75 Junction Connector
4
15
14
3
SB (LHD)
B (LHD)
B (LHD)
V
SB(LHD)
B(LHD)
V
B

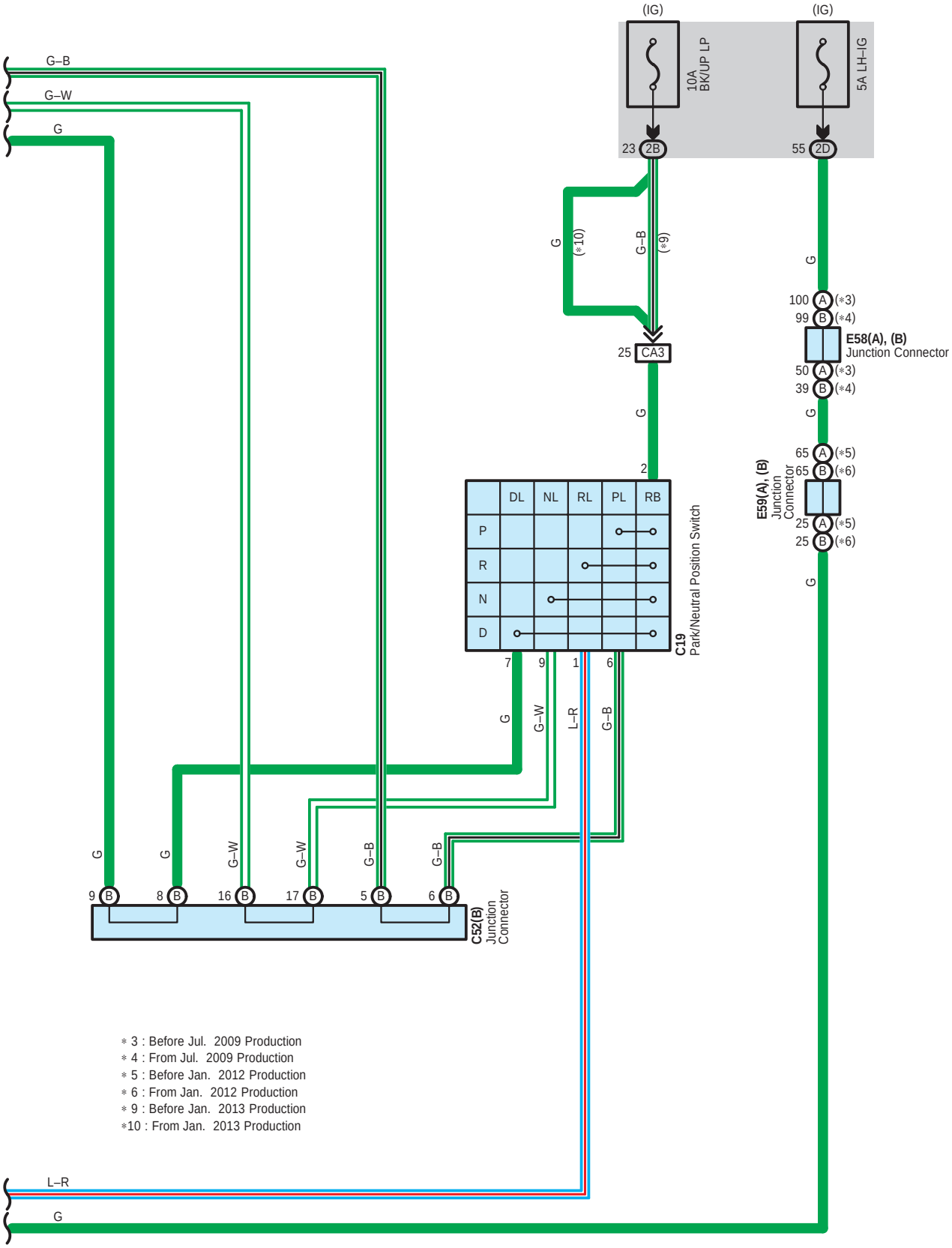

SB(RHD)
SB(RHD)
B(RHD)
B(RHD)
B(RHD)
B(RHD)
Y(RHD *9)
Y(RHD *9)
B(LHD)
B(LHD)
Y(LHD *9)
Y(LHD *9)
SB(LHD *10)
SB(LHD *10)
SB(RHD *10)
SB(RHD *10)
(BAT)
5A
ECU–B1
(IG)
5A
MET
E59(A), (B)
Junction
Connector
86 A
86 B
26 A (*5)
26 B (*6)
R
(*10)
R–L
(*9)
R
R
B–R
(*9)
B
(*10)
13 2B
14 2D
33 EA2
21
B
30
E77
Combination Meter Assembly
B
IG+
Power
Supply
Circuit
+B
IG+(*5)
IG(*6)
Buzzer
Multi
Display
Master
Multi Terrain
Select (*6)
Crawl
Slip
ABS
VSC Off (*6)
Brake
Turn Assist
(*6)
IG
One Step
Dim (*6)
One Step
Dim
One Step
Dim (*6)
(*5)
(*5)
CAN
CAN
(*5)
(*5)
(*6)
(*6)
(*6)
(*6)
(*6)
CANH
CANL
ET
36
V
35
B
26
BR
6 A (*5)
34 B (*6)
24 A (*5)
74 B (*6)
E60(A), (B)
Junction
Connector
BR
67 EA3 (LHD)
67 EA1 (RHD)
19 A
14 B
A37(A), C52(B)
Junction
Connector
BR
C1
V
B


∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 7 : 3UR–FE
∗ 8 : 1UR–FE
∗ 9 : Before Jan. 2013 Production
∗10 : From Jan. 2013 Production
SB(RHD)
B(RHD)
B(RHD)
Y(RHD ∗9)
B(LHD)
Y(LHD ∗9)
SB(LHD ∗10)
SB(RHD ∗10)
E72 Junction Connector
C4 Throttle Body Assembly
VC E2 VTA VTA2
B–Y(∗5)
Y(∗7 ∗6, ∗8)
B(∗7)
L(∗8)
B–L(∗7)
R–Y(∗8)
B–R(∗7)
Y–B(∗8)
EA3 (LHD)
EA1 (RHD)
CANH CANL
VCTA ETA VTA1 VTA2
A38(A), A53(B), C53(C), C54(D) ECM
VG E2G THA VCV2 NE– NE+ ETHA(∗7) E2(∗8) S4 S3 THO1 THO2
L–Y G–W Y–B L G–W (∗7) Y (∗8) W BR G–R B–R G–Y L
C3 Mass Air Flow Meter
C1 Crankshaft Position Sensor
S4 S3 OT+ OT2+
V SB O L
OT– OT2–
C39(A), C40(B) Electronically Controlled Transmission Solenoid
BR BR

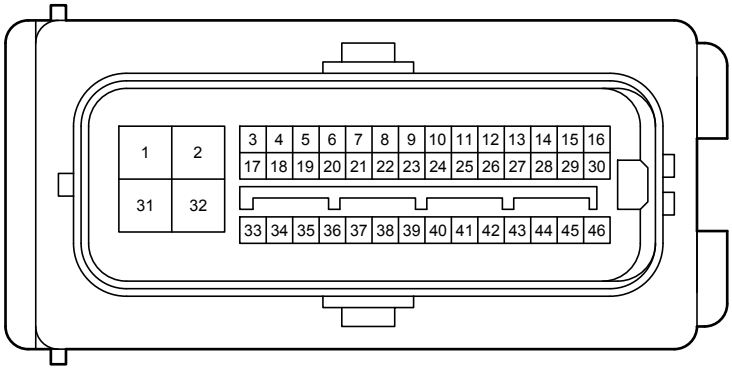

C4
Throttle Body Assembly
A31
Accelerator Pedal Sensor Assembly
M+
M–
VPA
VPA2
VCPA
VCP2
EPA
EPA2
(*1)
B–W(*5)
R(*7 *6, *8)
GR(*5)
G(*7 *6, *8)
BR
R
GR–G(*9)
GR(*10)
L–W(*9)
L(*10)
V
W–L(*9)
W(*10)
BR(*9)
BE(*10)
(LHD)
(RHD)
GE01
A38(A), A53(B), C53(C), C54(D)
ECM
S1
S2
SR
SLT+
SLT–
SLU+
SLU–
SL1+
SL1–
SL2+
SL2–
W
B
LG
G
GR
LG
BR
R
L
Y
V
C39(A), C40(B)
Electronically Controlled Transmission Solenoid

∗ 1 : Shielded
∗ 3 : Before Jul. 2009 Production
∗ 4 : From Jul. 2009 Production
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 7 : 3UR–FE
∗ 8 : 1UR–FE
∗ 9 : Before Jan. 2013 Production
∗10 : From Jan. 2013 Production
∗11 : From Jan. 2012 Production until Jan. 2013 Production
∗14 : ∗7 ∗11, ∗8 ∗9

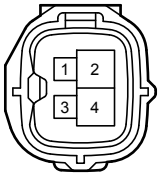



(IG)
(IG)
10A
BK/UP LP
5A LH–IG
23 2B
55 2D
G–B
G–W
G
G
(*10)
G–B
(*9)
25 CA3
2
G
100 A (*3)
99 B (*4)
E58(A), (B)
Junction Connector
50 A (*3)
39 B (*4)
G
65 A (*5)
65 B (*6)
E59(A), (B)
Junction
Connector
25 A (*5)
25 B (*6)
G
DL NL RL PL RB
P
R
N
D
C19
Park/Neutral Position Switch
7 9 1 6
G
G–W
L–R
G–B
G
G
G–W
G–W
G–B
G–B
9 B 8 B 16 B 17 B 5 B 6 B
C52(B)
Junction
Connector
* 3 : Before Jul. 2009 Production
* 4 : From Jul. 2009 Production
* 5 : Before Jan. 2012 Production
* 6 : From Jan. 2012 Production
* 9 : Before Jan. 2013 Production
*10 : From Jan. 2013 Production
L–R
G

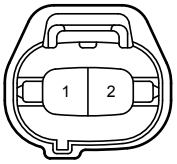
A 24
Black



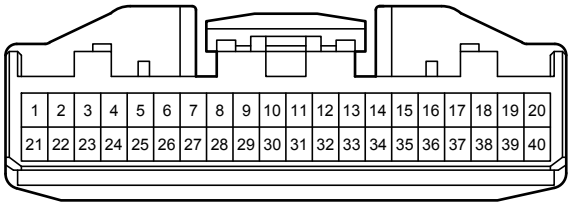

A 25
Black



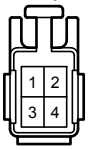

A 26
Gray



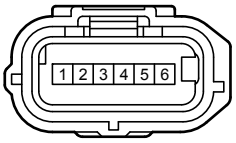

A 27
Black



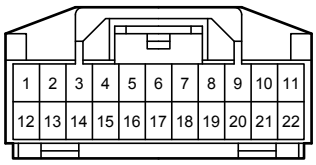

A 30
Gray



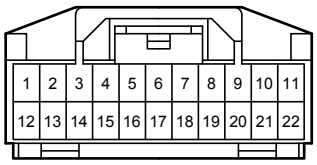

A 31
Black



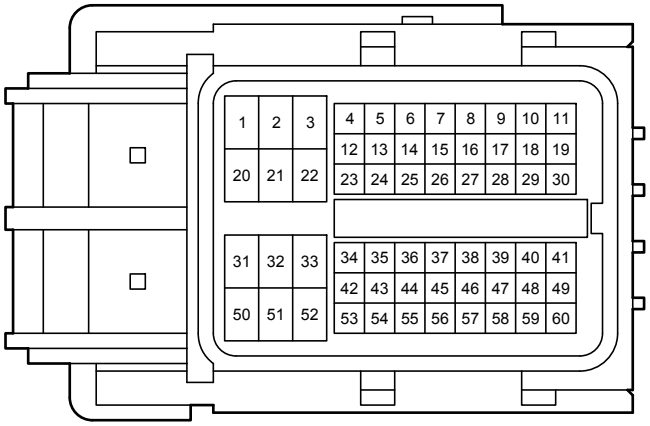

A 34
White



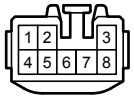

A 37
Blue




A 38
Black



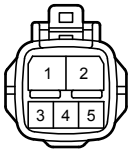

A 39
Black



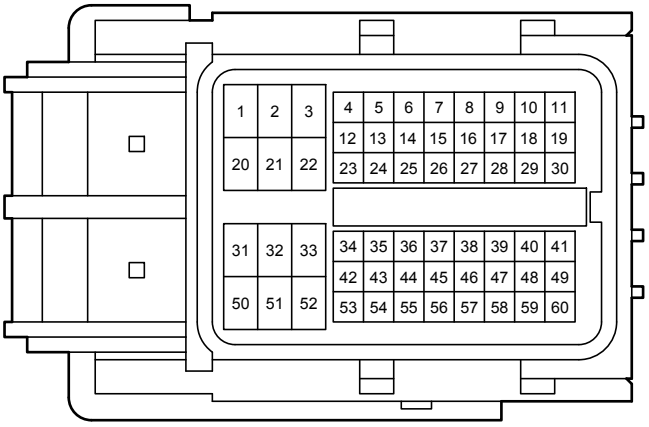

A 49
Gray



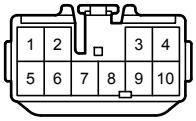
A 50
Gray



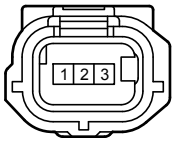

A 53
Black



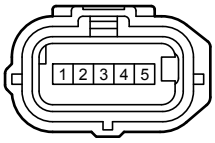

A 58
Black



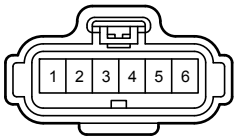

C 1
Black



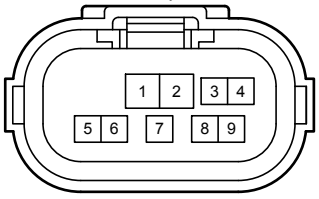

C 3
Black



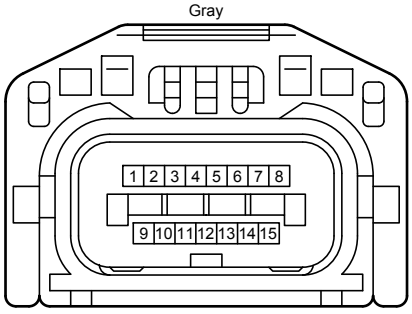

C 4
Black



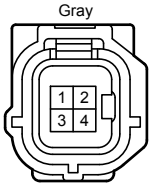

C 19
Gray



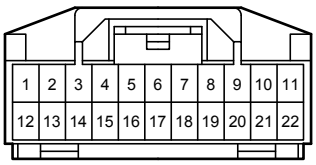

C 39
Gray



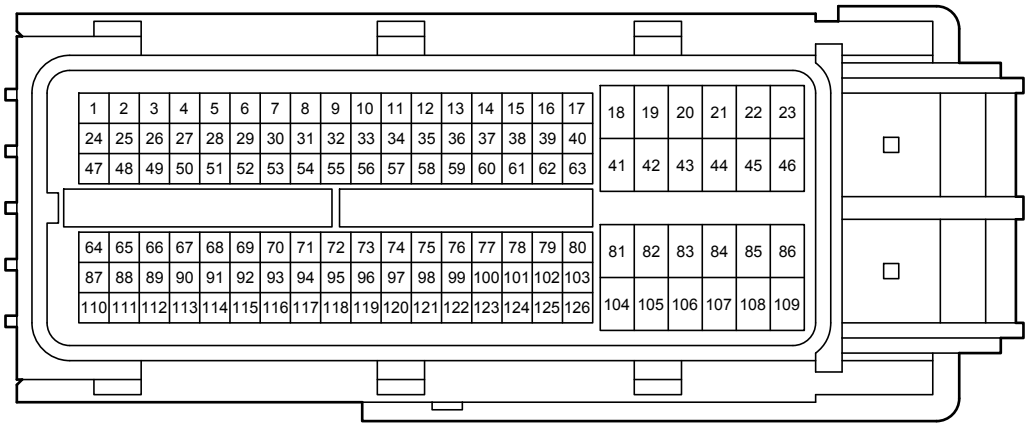

C 40
Gray



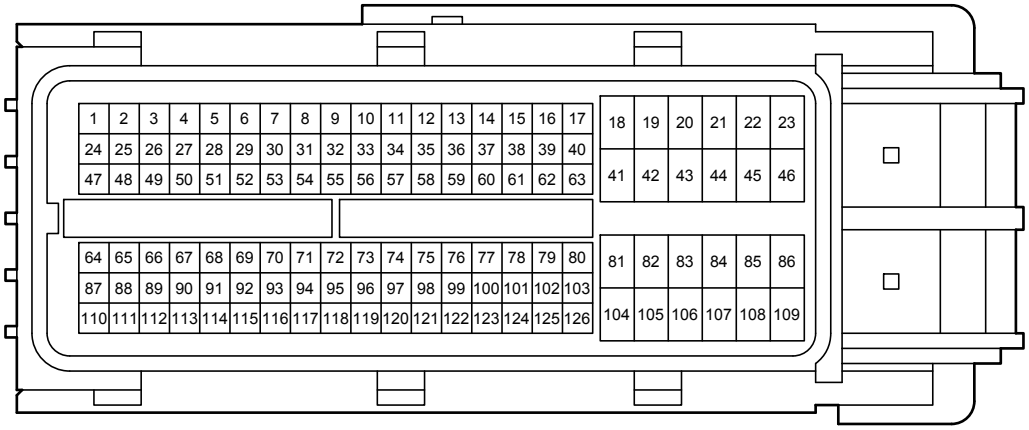

C 52
Blue



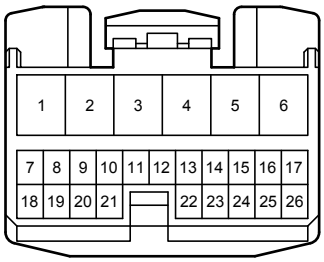

C 53
Black



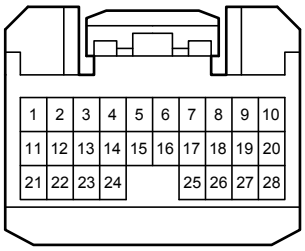
C 54
Black



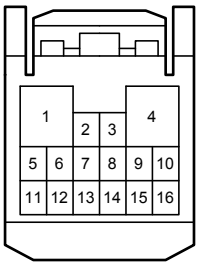

E 1
White



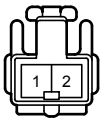

E 2
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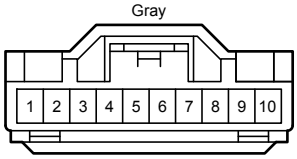

E 3
White



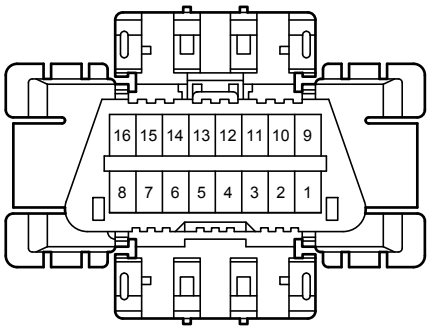

E 5
Blue



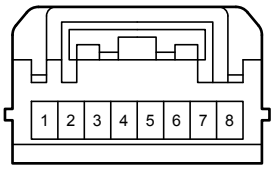

E 11
Gray



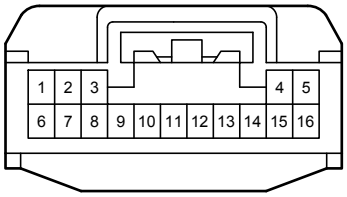

E 22
White



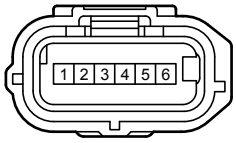

E 25
Black



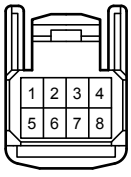

E 31
White




E 50
Black



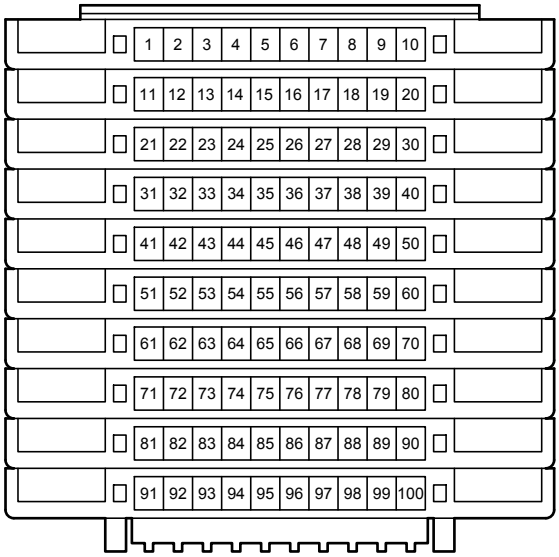

E 52
White



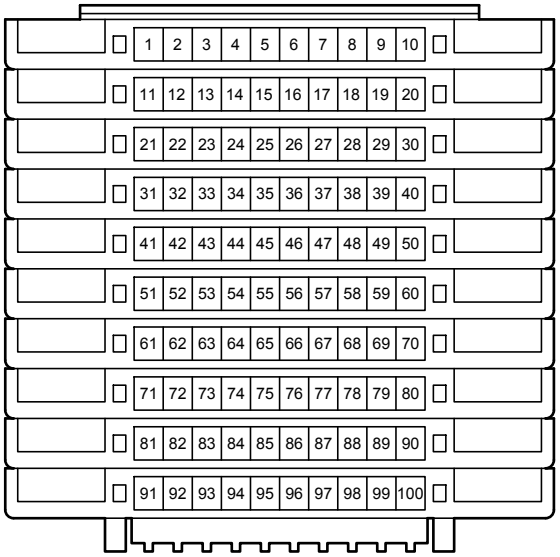

E 53
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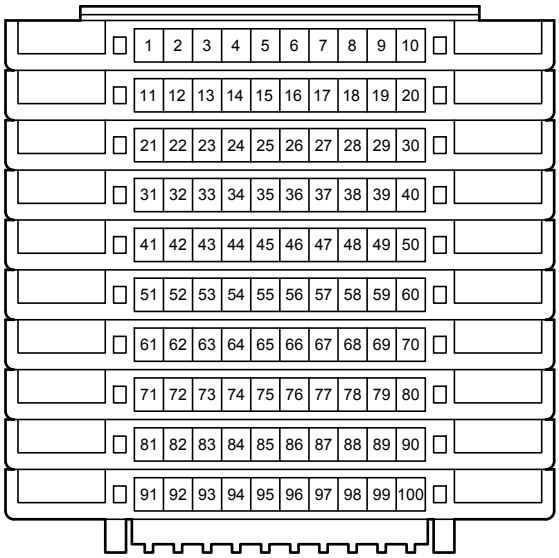
E 58
White



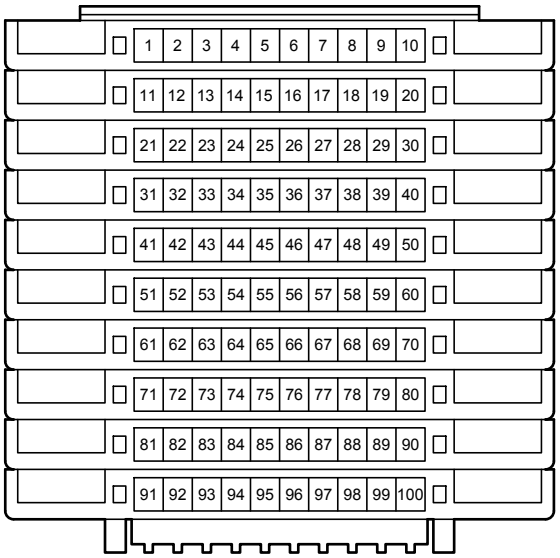

E 59
White



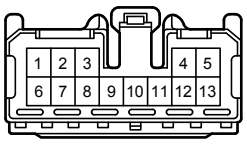

E 60
White



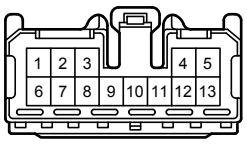

E 61
White



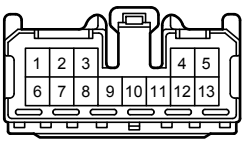

E 62
White



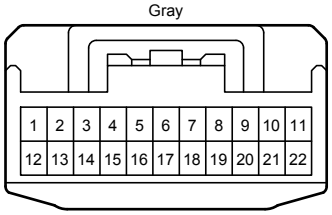

E 66
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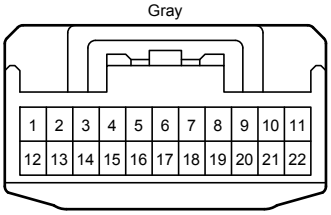

E 67
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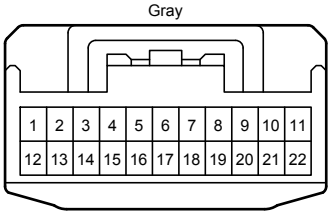

E 68
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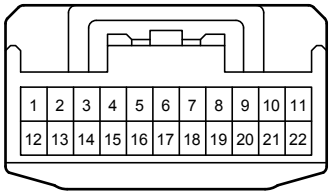

E 69
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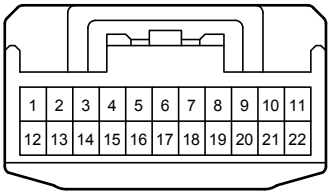

E 71
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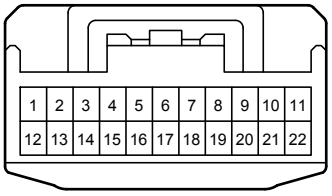
E 72
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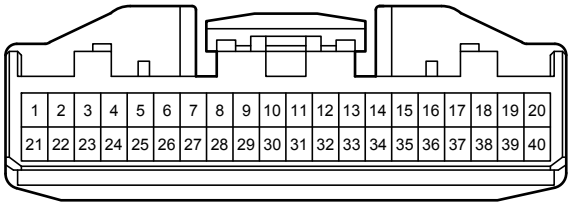

E 74
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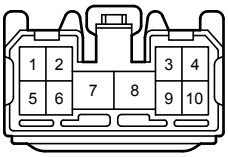

E 75
Gray



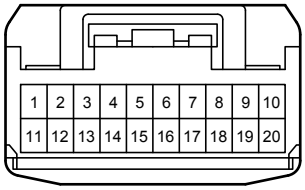

E 77
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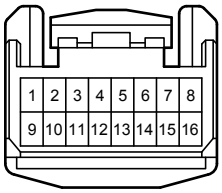

E 82
White



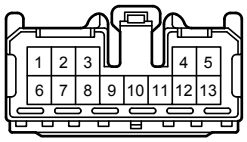

E 84
White



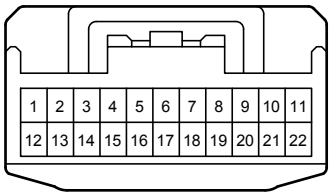

E100
Black



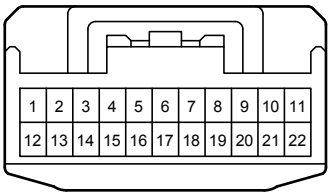

E116
White




F 21
Black




F 79
White



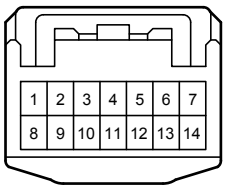

K 2
White



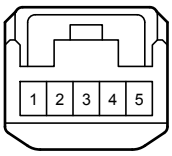

L 1
White




V 4
White




V 5
Black




z 17
Black




z 18
Black



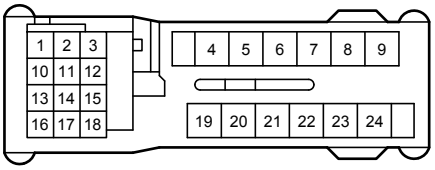

z 19
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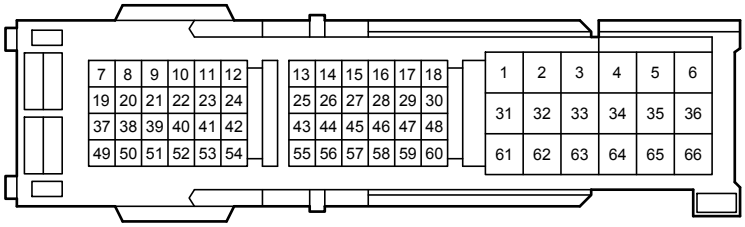

z 20
Black



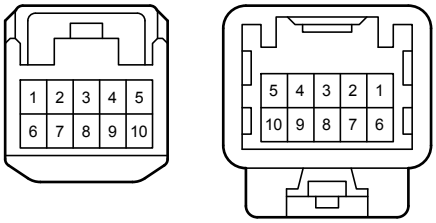

2B
White



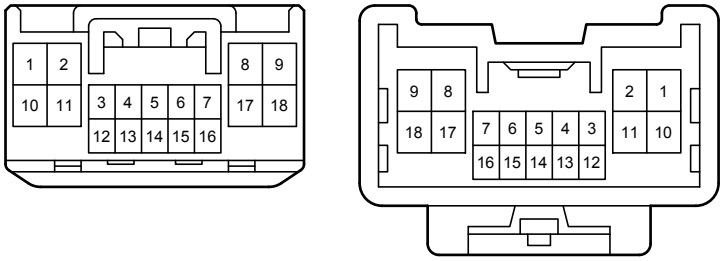
2D
White



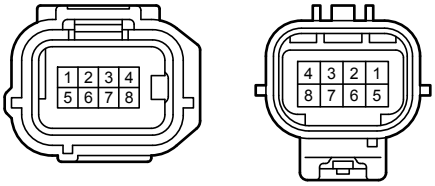

AE3
Gray



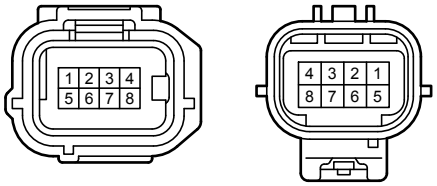

AK2
Gray



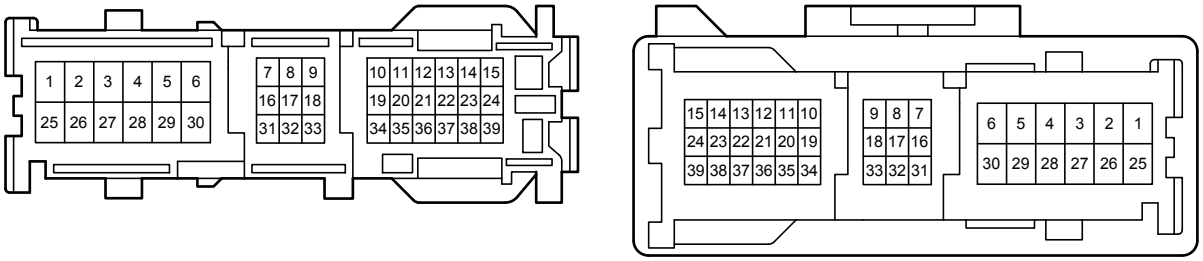

Az1
Gray




Az2
Gray

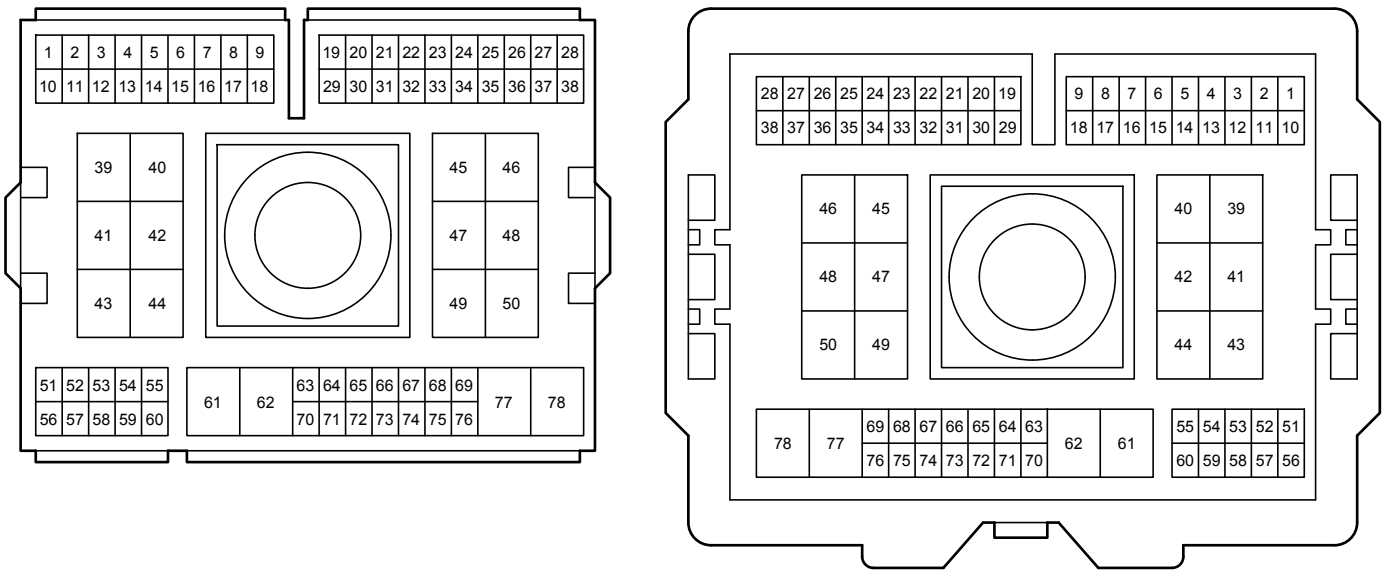



CA3
White



EA1

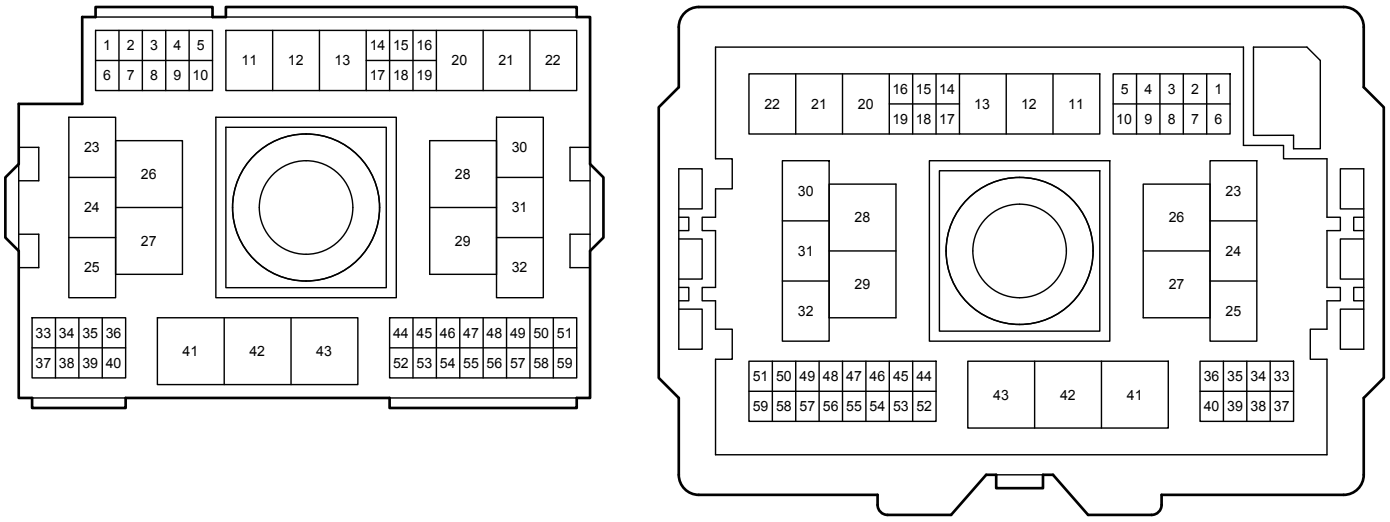
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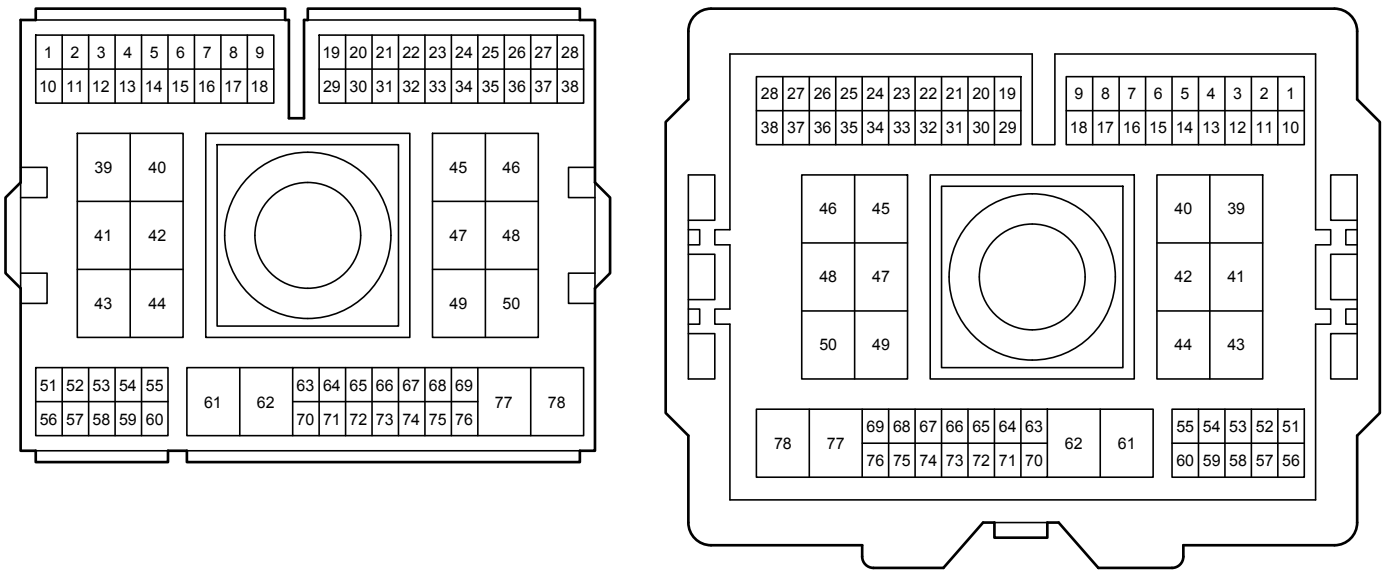

EA2

White

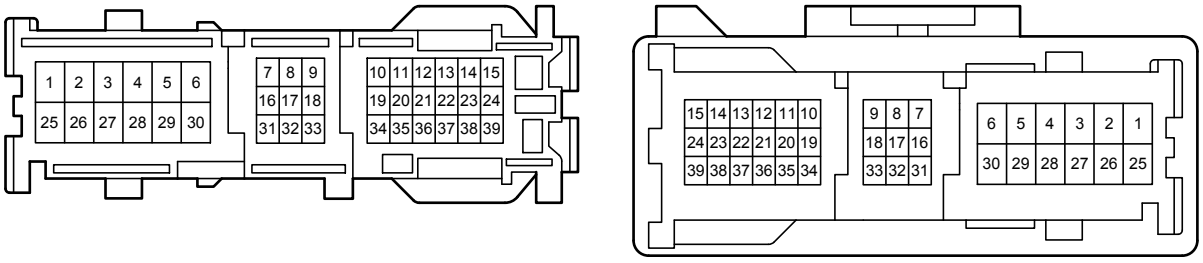
Gray



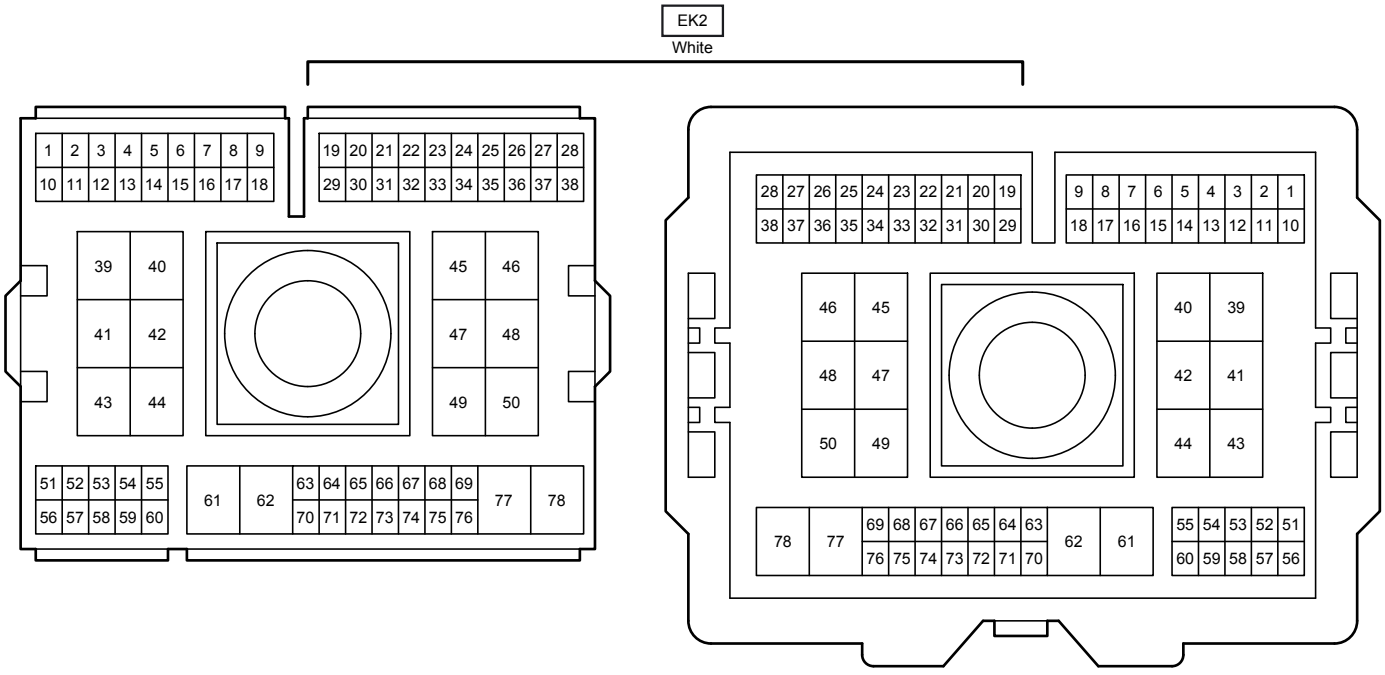
EA3
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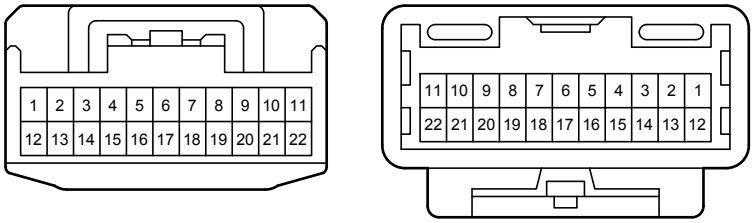

EA4
White



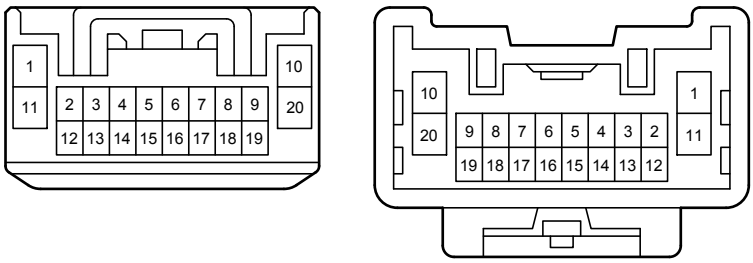

EK2
White



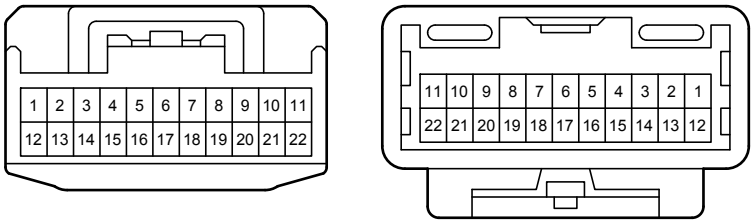
FE3
White



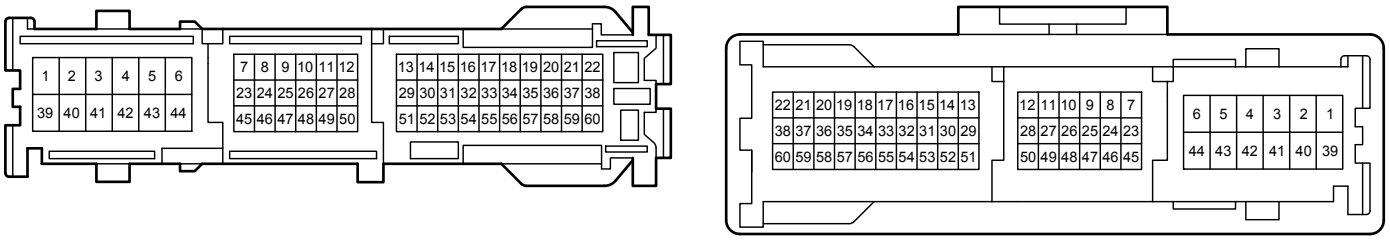

FE4
White



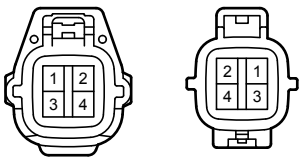

FL2
Blue



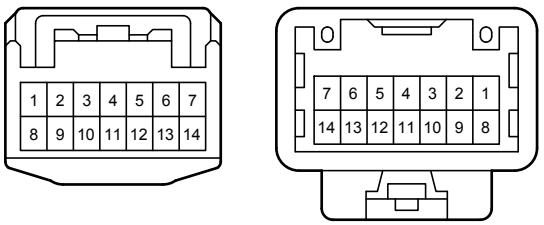

NK1
White

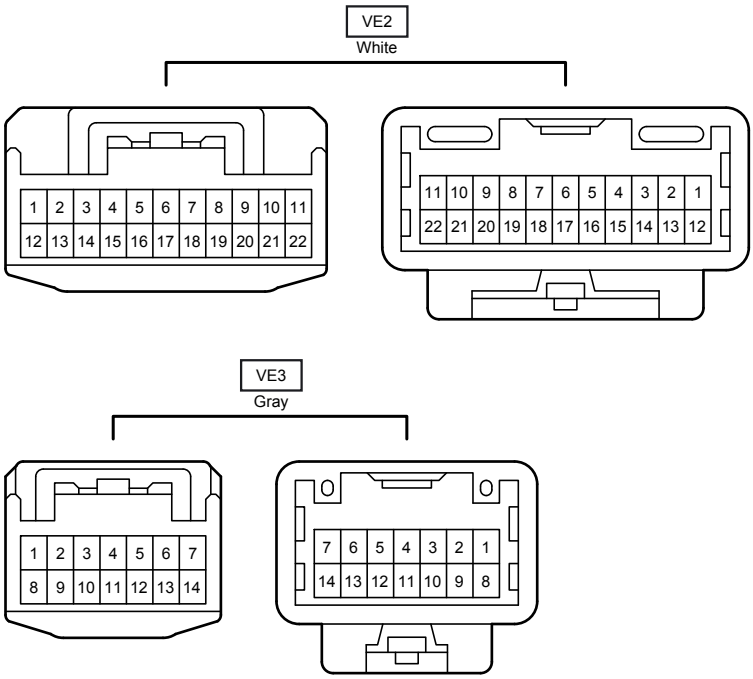


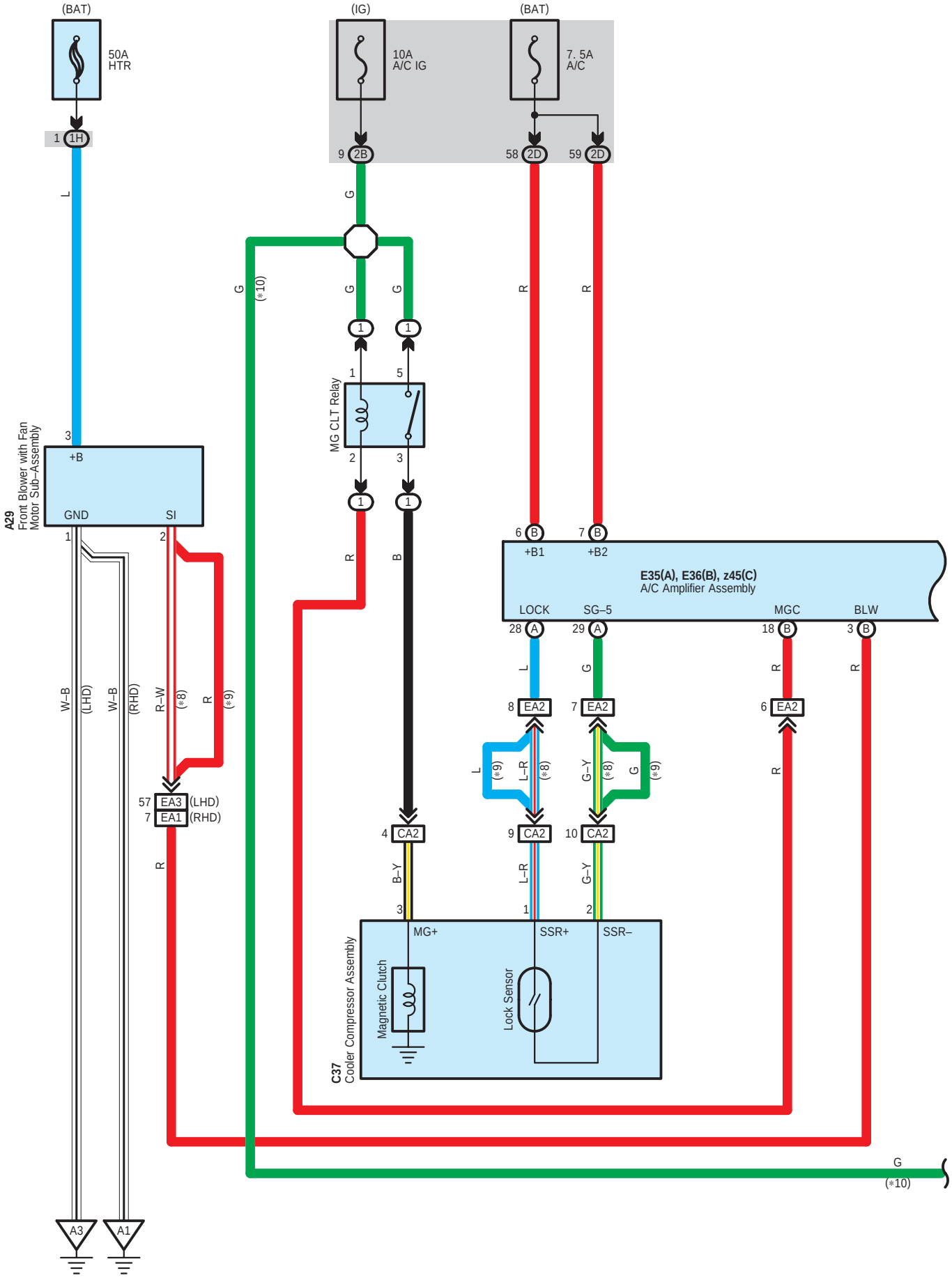

Nz1
Gray



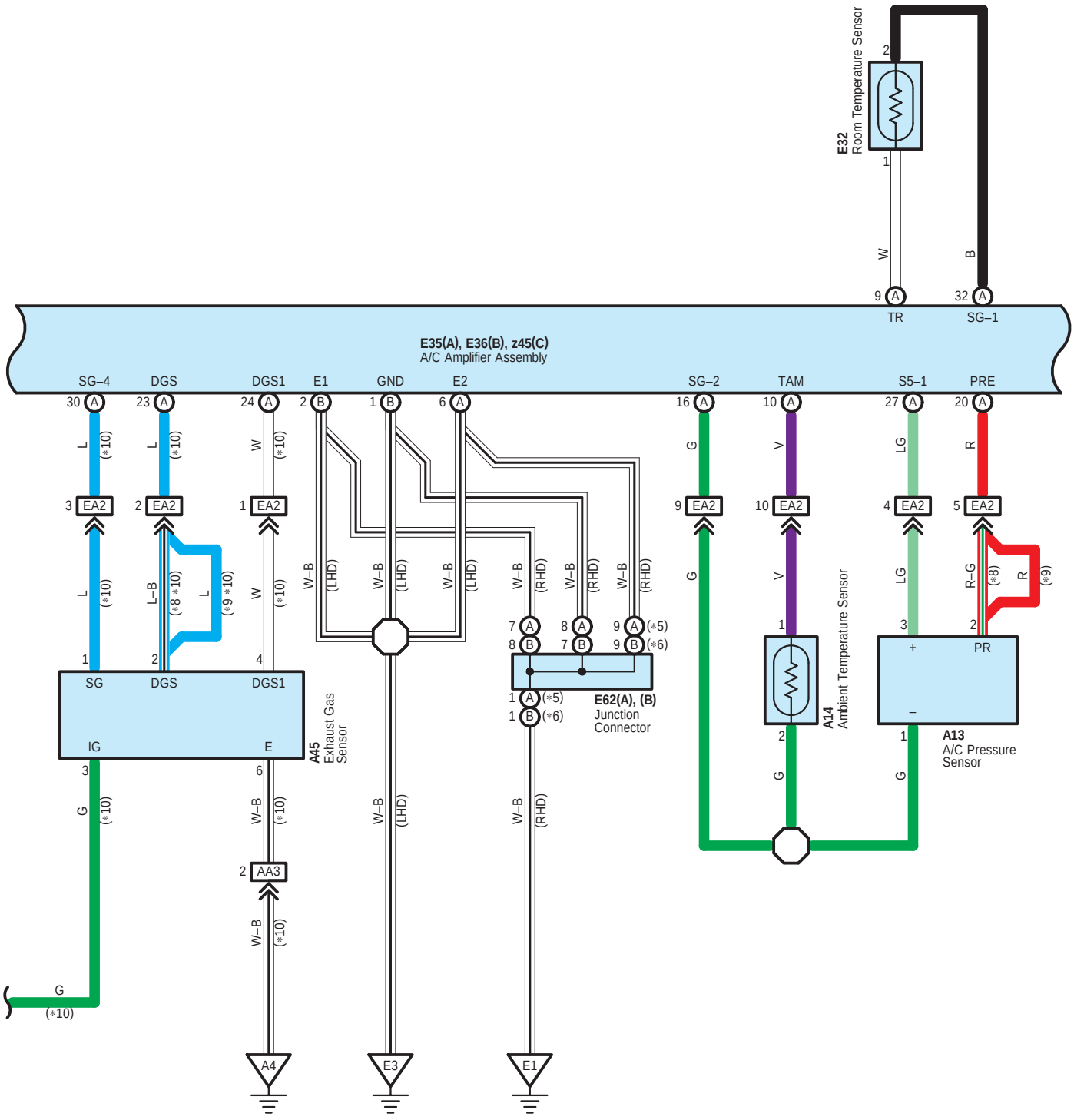

VE1
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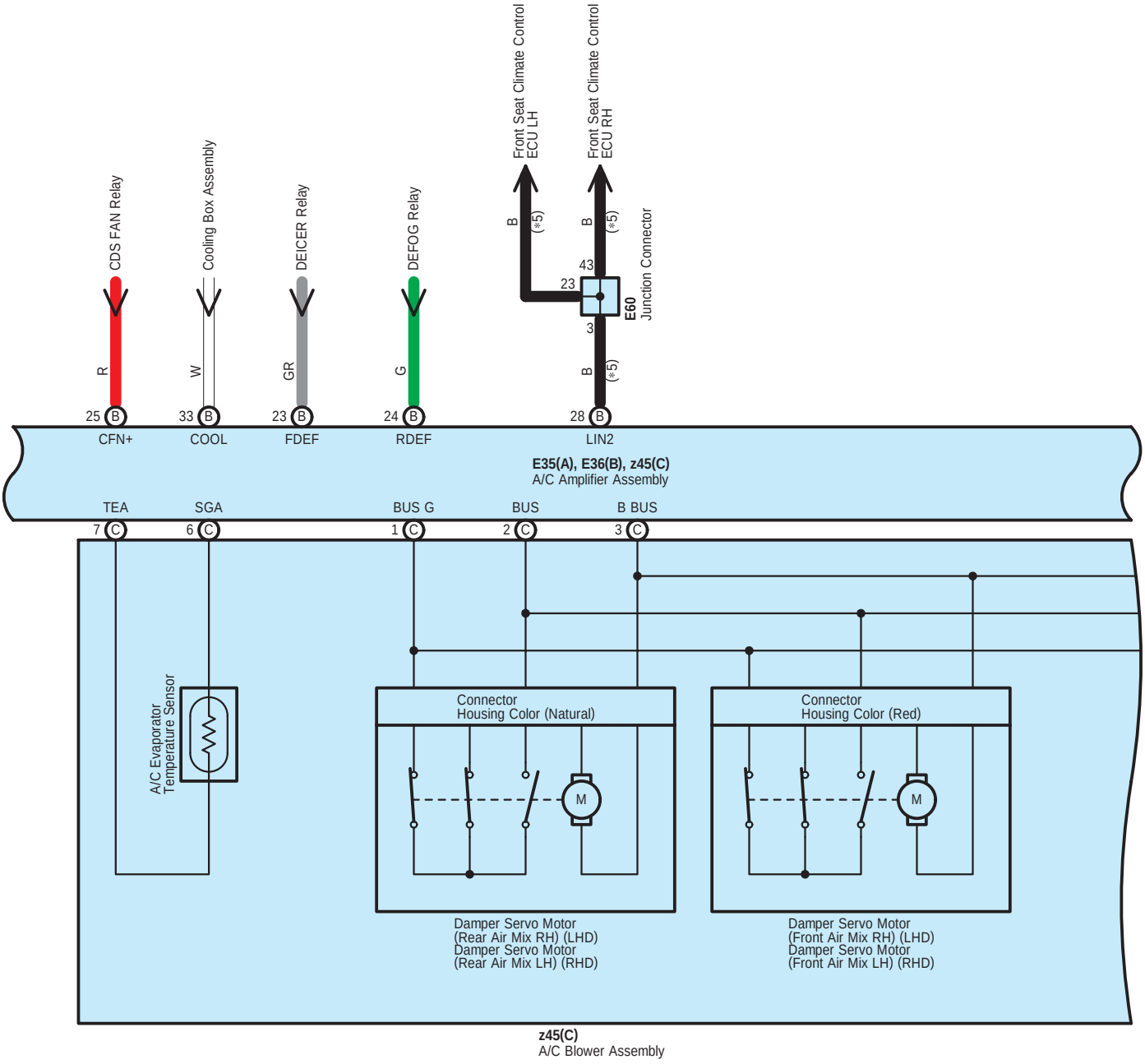

VE2
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12
VE3
Gray
1 2 3 4 5 6 7
8 9 10 11 12 13 14
7 6 5 4 3 2 1
14 13 12 11 10 9 8

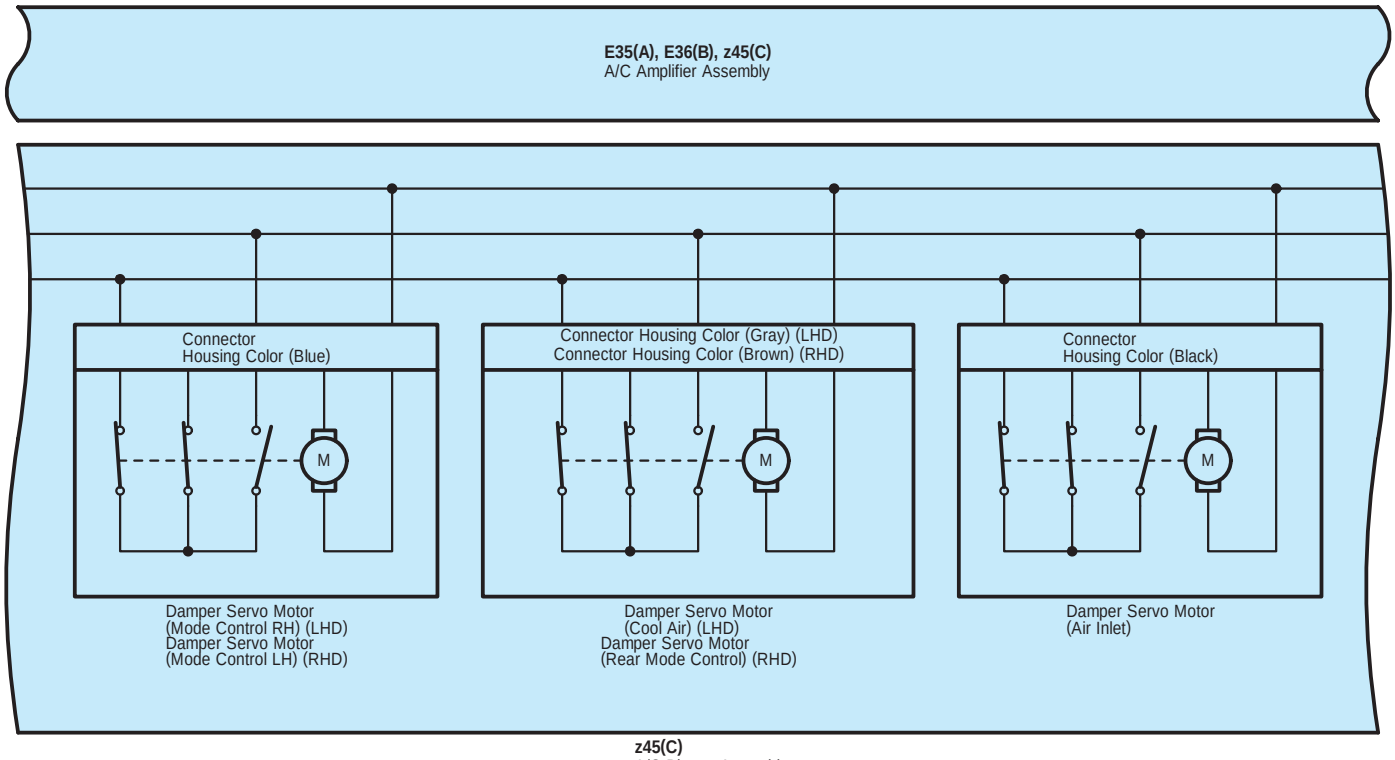

(BAT)
50A
HTR
1
1H
L
3
+B
GND
SI
1
2
A29
Front Blower with Fan
Motor Sub–Assembly
W–B
(LHD)
W–B
(RHD)
R–W
(*8)
R
(*9)
57
EA3
(LHD)
7
EA1
(RHD)
R
A3
A1
(IG)
10A
A/C IG
9
2B
G
G
(*10)
G
G
1
1
1
5
MG CLT Relay
2
3
1
1
R
B
4
CA2
B–Y
3
(BAT)
7. 5A
A/C
58
2D
59
2D
R
R
6
B
+B1
7
B
+B2
E35(A), E36(B), z45(C)
A/C Amplifier Assembly
LOCK
SG–5
MGC
BLW
28
A
29
A
18
B
3
B
L
G
R
R
8
EA2
7
EA2
6
EA2
L
(*9)
L–R
(*8)
G–Y
(*8)
G
(*9)
R
9
CA2
10
CA2
L–R
G–Y
1
2
MG+
SSR+
SSR–
Magnetic Clutch
Lock Sensor
C37
Cooler Compressor Assembly
G
(*10)

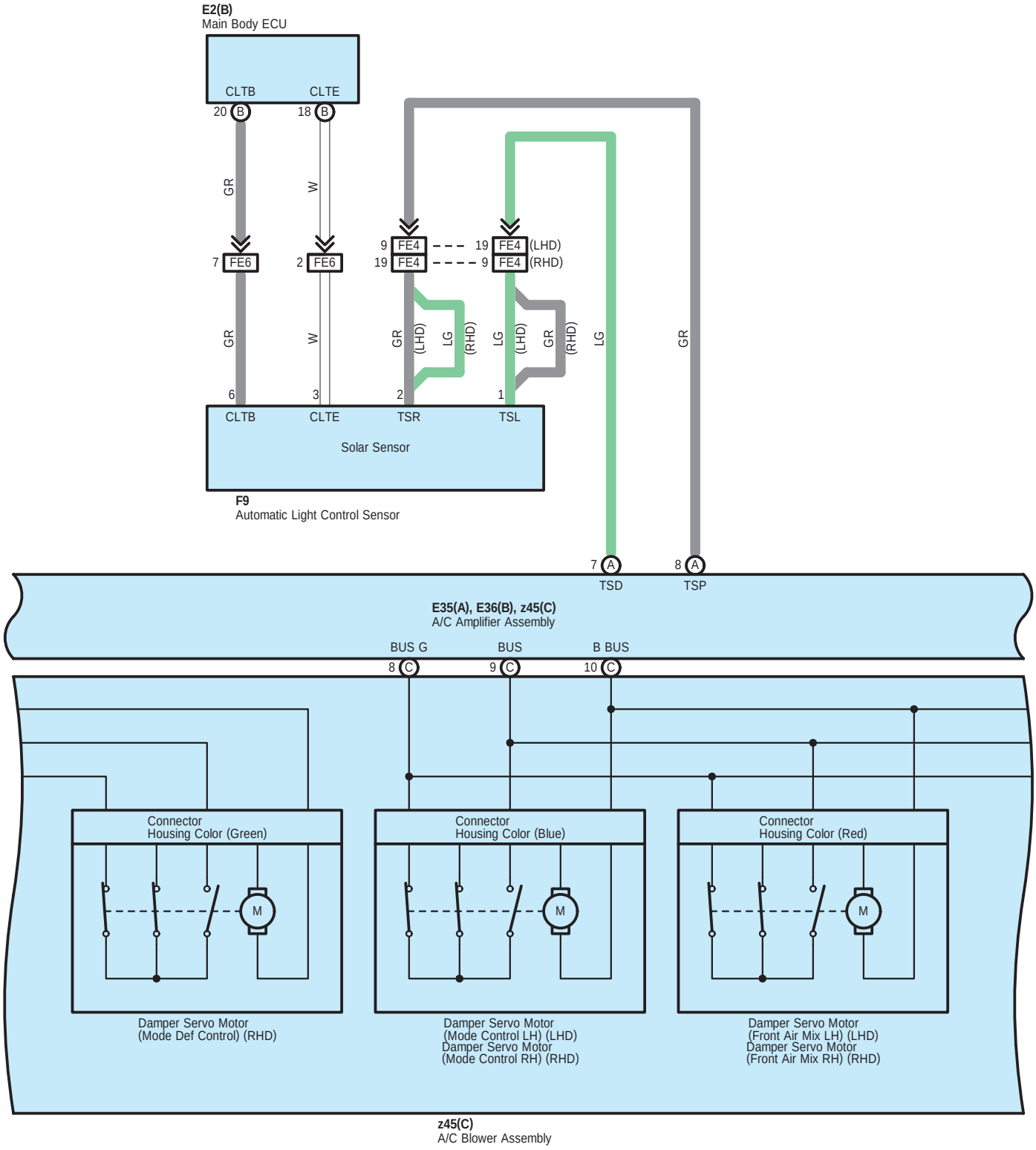
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 8 : Before Jan. 2013 Production
∗ 9 : From Jan. 2013 Production
∗10 : w/ Exhaust Gas Sensor



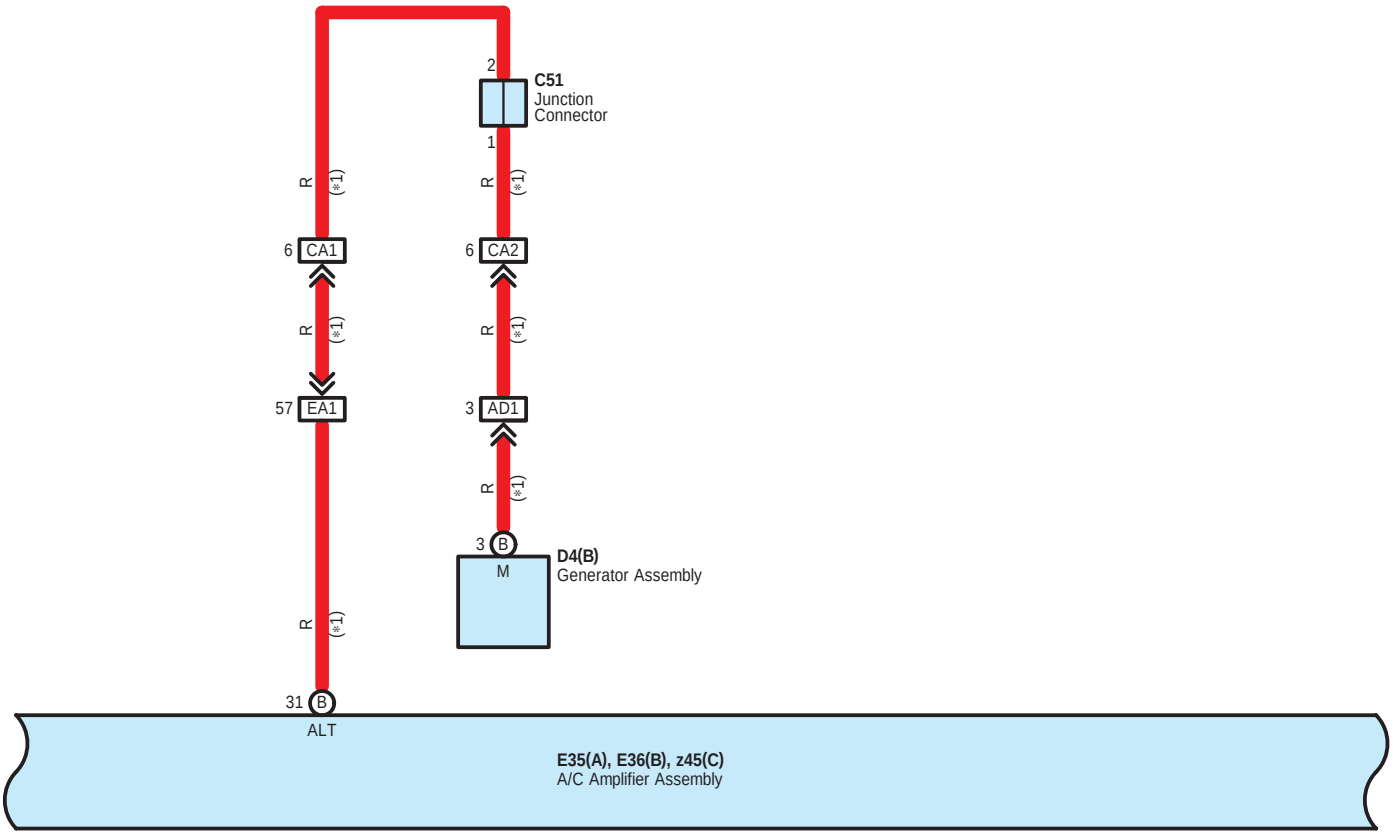
* 5 : Before Jan. 2012 Production

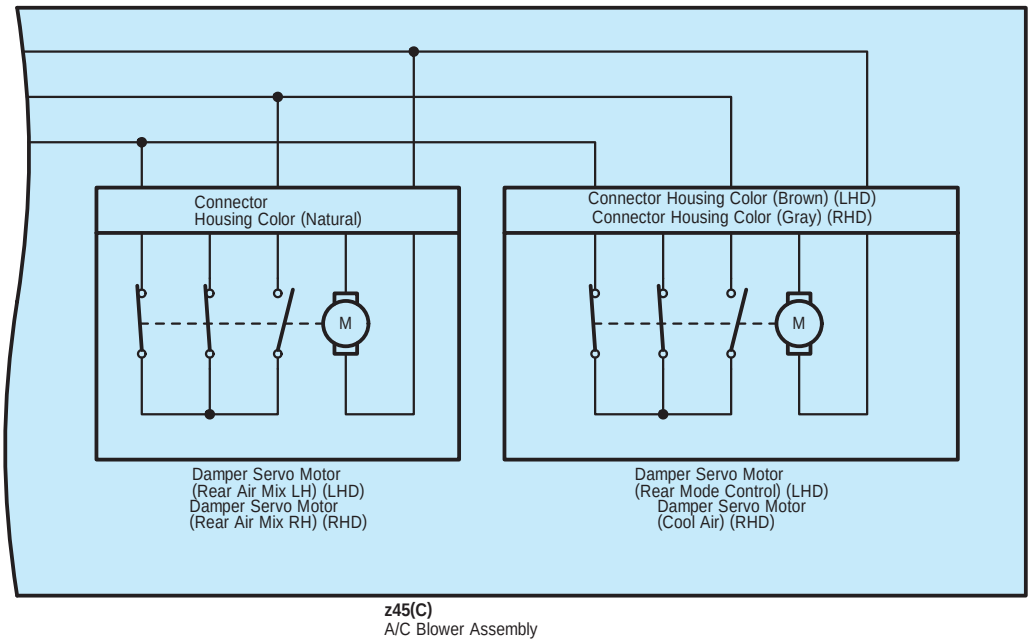


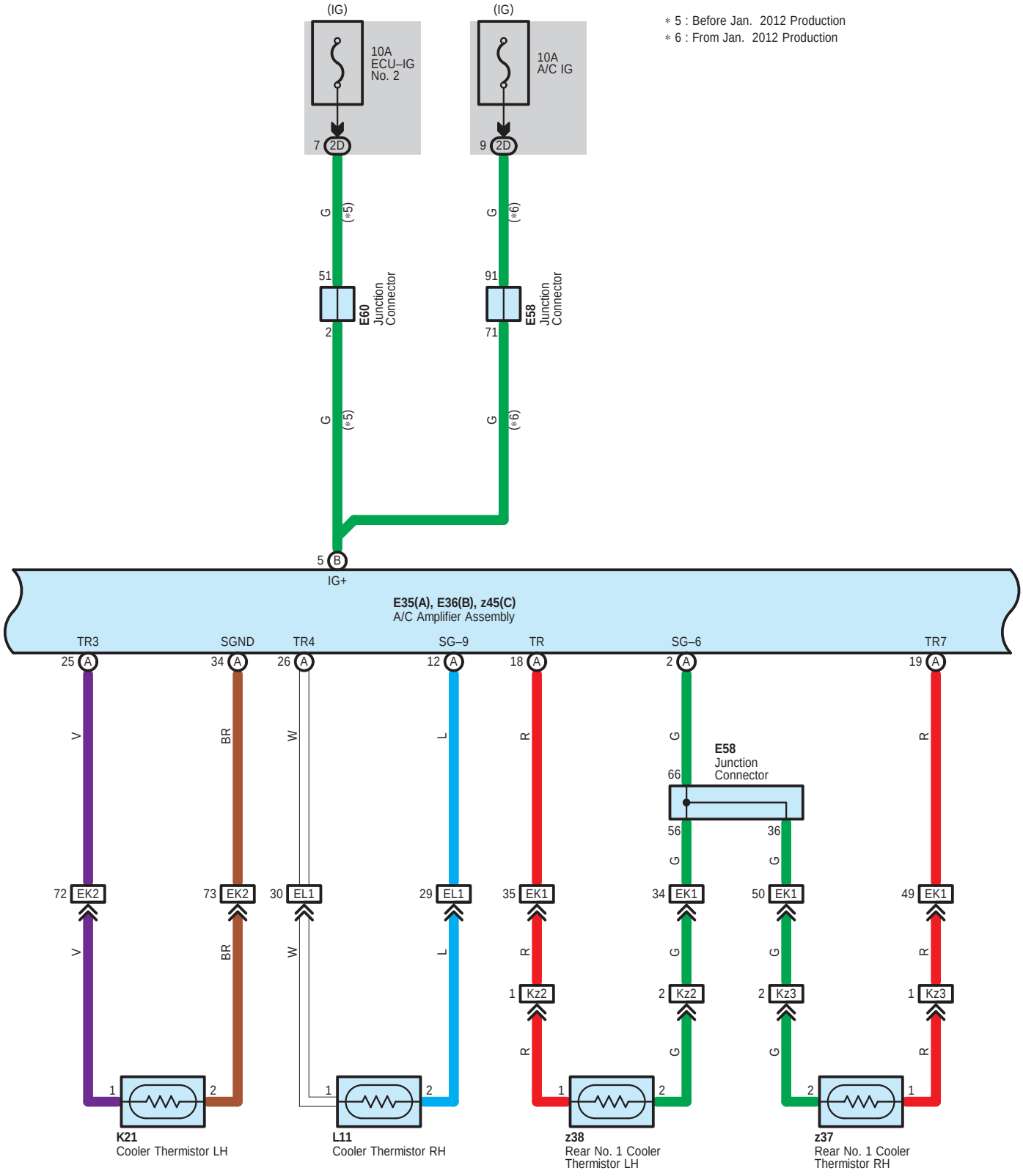

E35(A), E36(B), z45(C)
A/C Amplifier Assembly
Connector
Housing Color (Blue)
Connector Housing Color (Gray) (LHD)
Connector Housing Color (Brown) (RHD)
Connector
Housing Color (Black)
M
M
M
Damper Servo Motor
(Mode Control RH) (LHD)
Damper Servo Motor
(Mode Control LH) (RHD)
Damper Servo Motor
(Cool Air) (LHD)
Damper Servo Motor
(Rear Mode Control) (RHD)
Damper Servo Motor
(Air Inlet)
z45(C)
A/C Blower Assembly

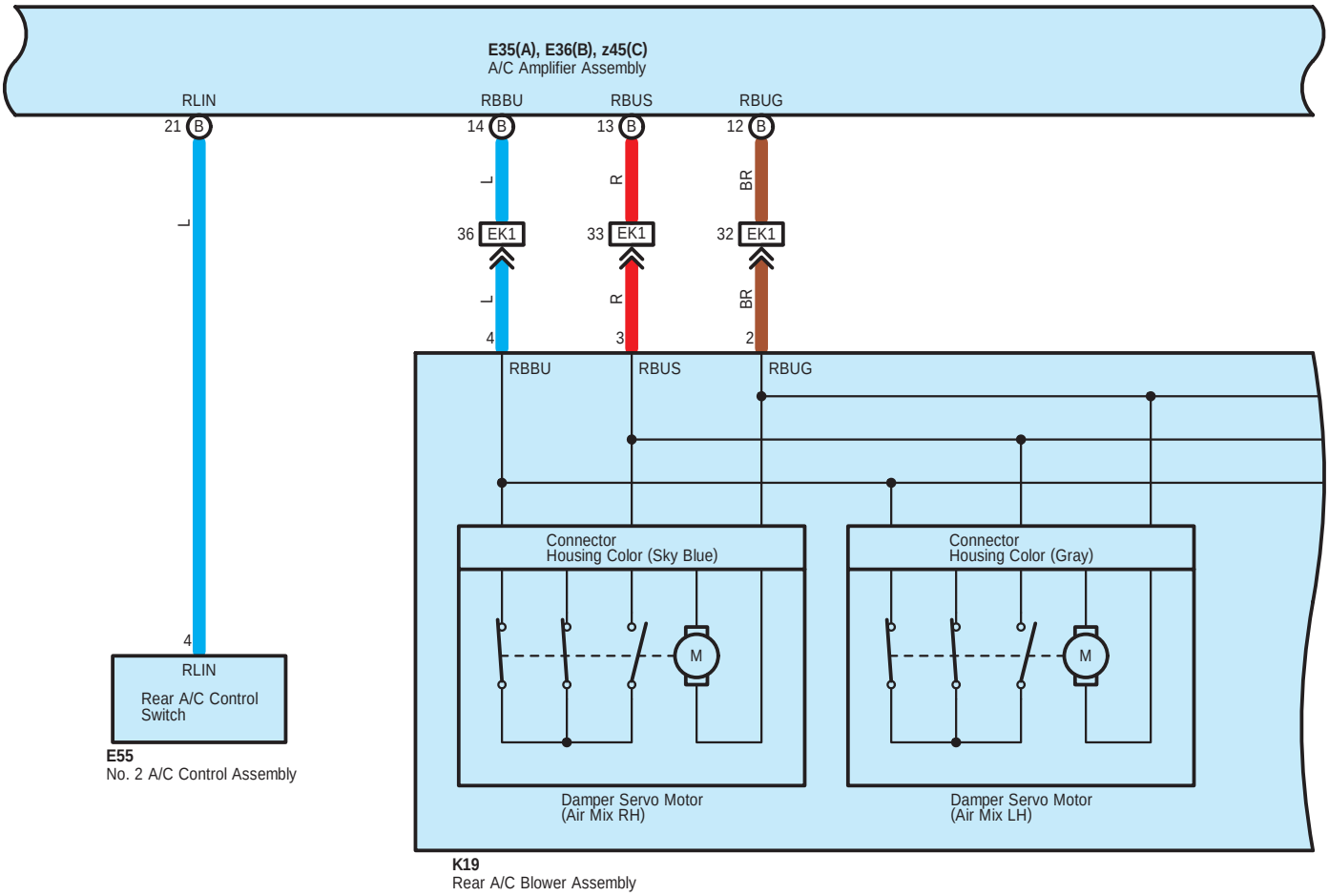

E2(B)
Main Body ECU
CLTB
CLTE
20 B
18 B
GR
W
7 FE6
2 FE6
9 FE4
19 FE4
19 FE4
9 FE4
(LHD)
(RHD)
GR
W
GR (LHD)
LG (RHD)
LG (LHD)
GR (RHD)
LG
GR
6
3
2
1
CLTB
CLTE
TSR
TSL
Solar Sensor
F9
Automatic Light Control Sensor
7 A
8 A
TSD
TSP
E35(A), E36(B), z45(C)
A/C Amplifier Assembly
BUS G
BUS
B BUS
8 C
9 C
10 C
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)
z45(C)
A/C Blower Assembly

＊1 : w/ PTC Heater

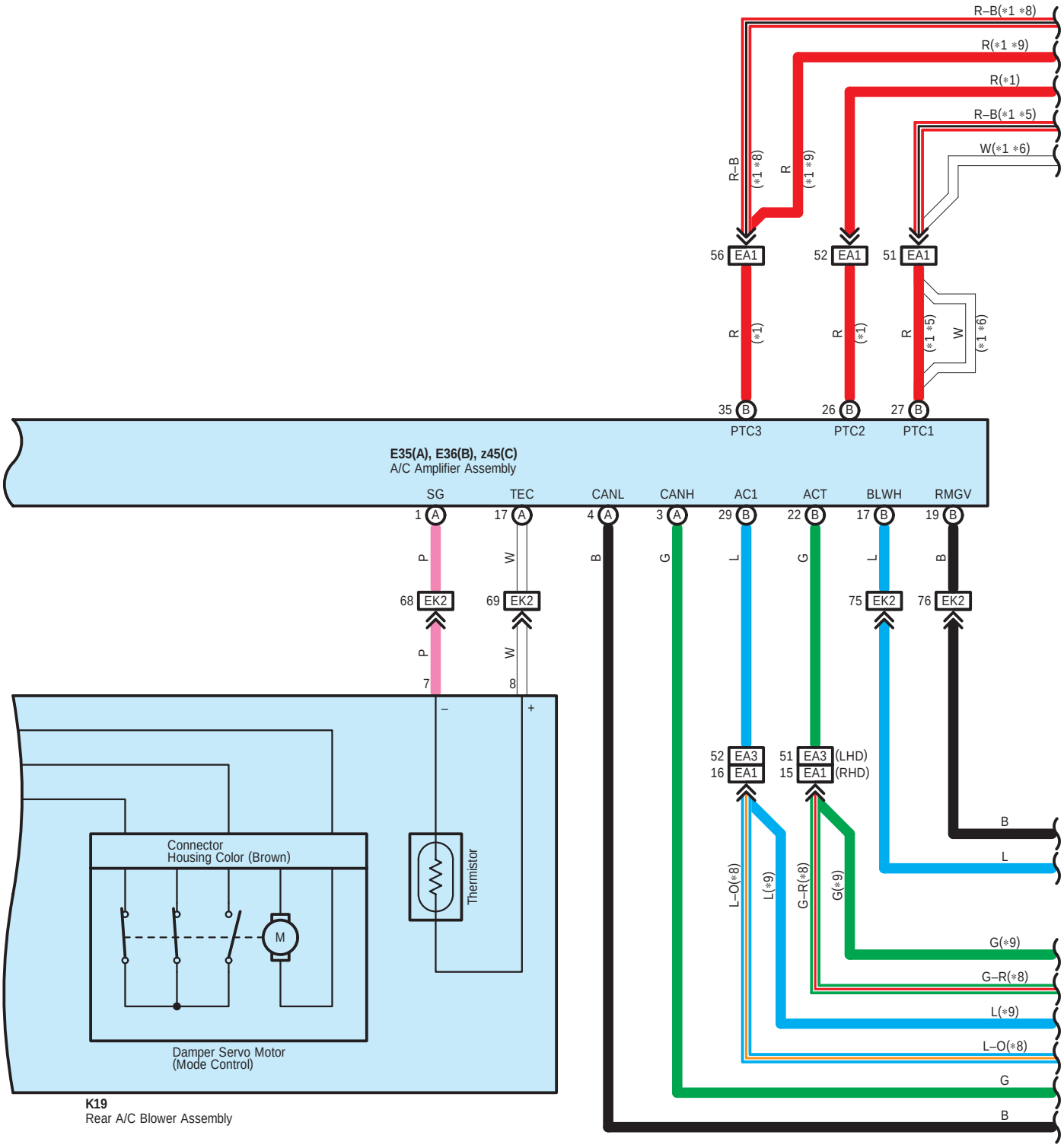


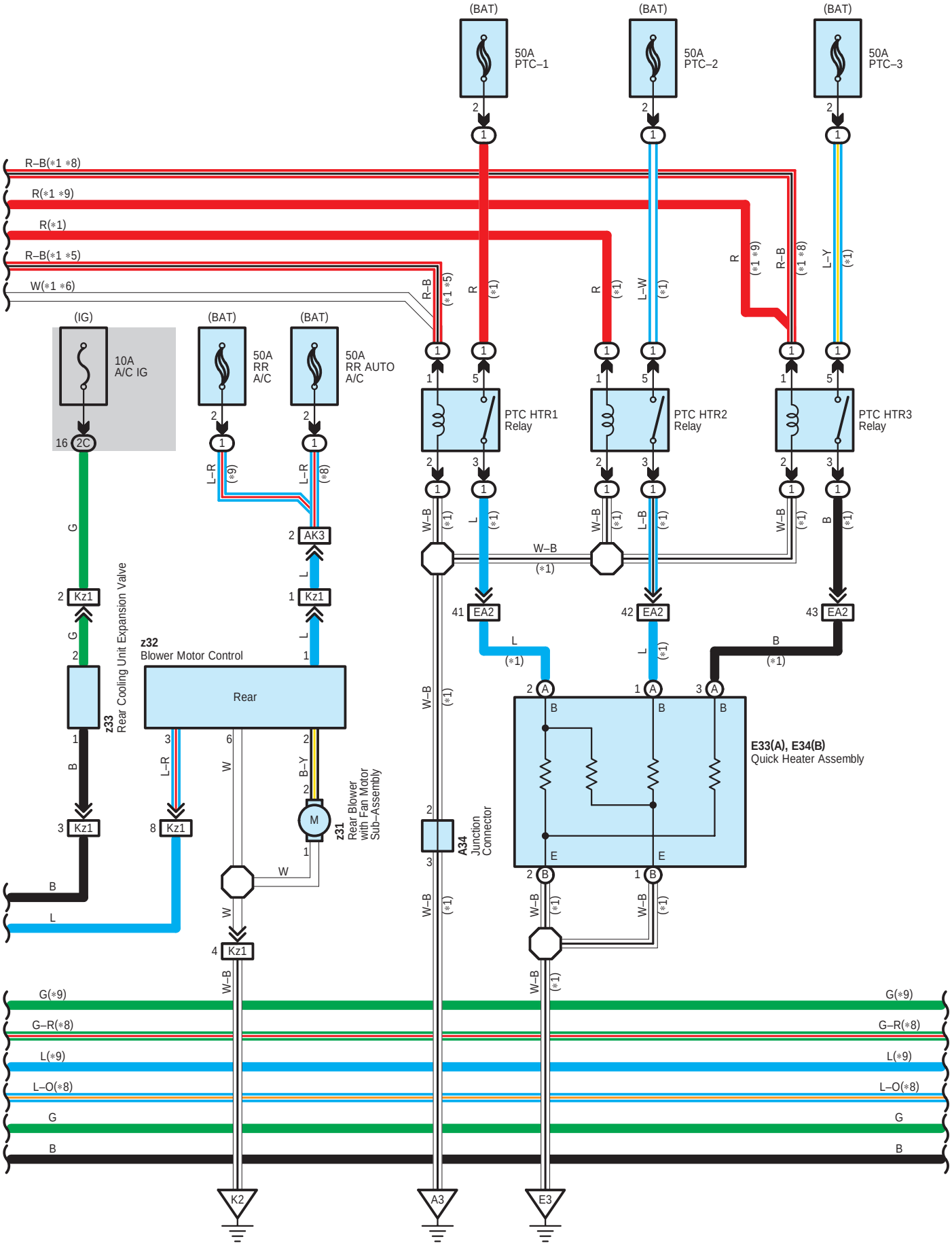



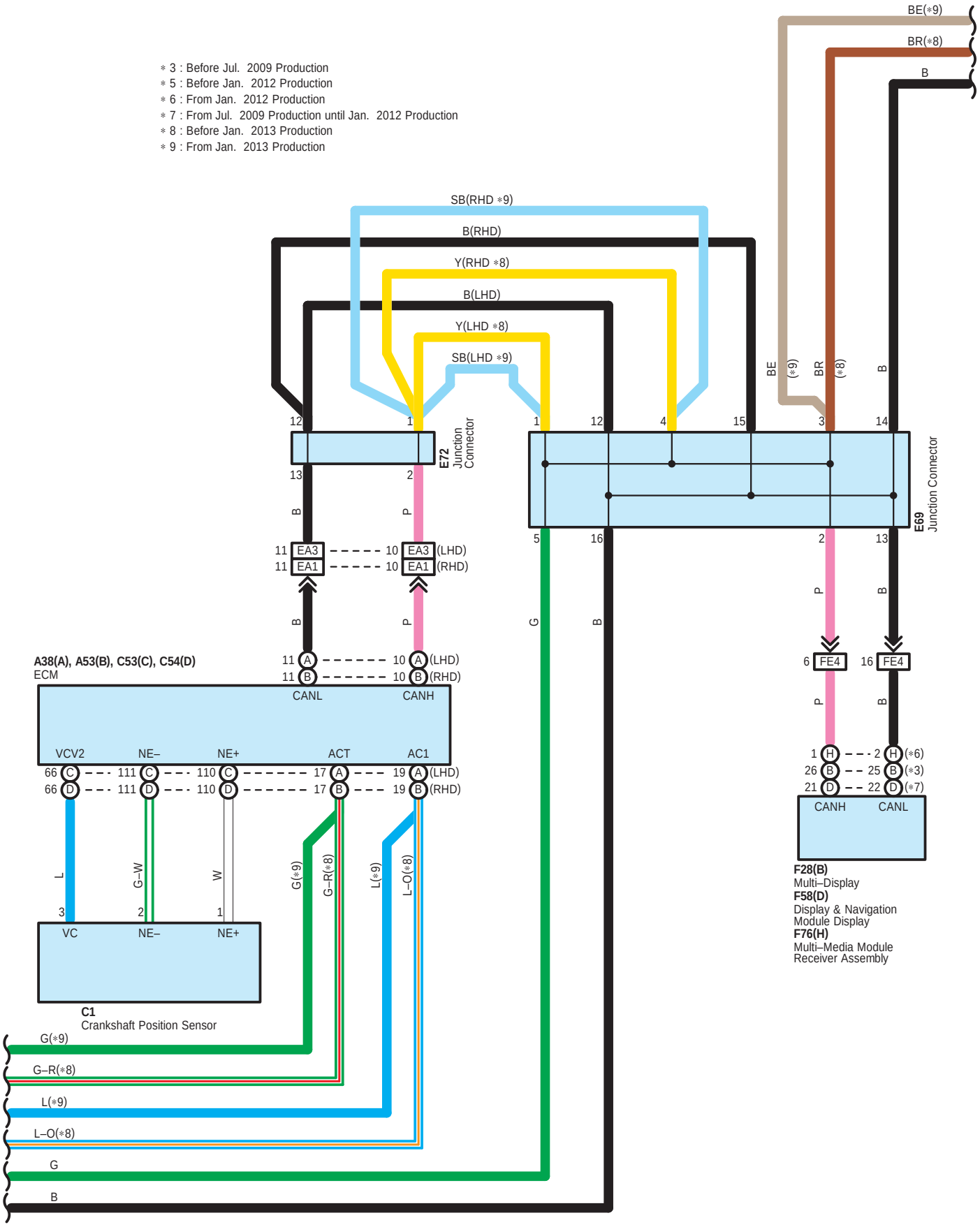

(IG)
10A
ECU–IG
No. 2
7 2D
(IG)
10A
A/C IG
9 2D
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
G (∗5)
51
E60 Junction Connector
2
G (∗5)
G (∗6)
91
E58 Junction Connector
71
G (∗6)
5 B
IG+
E35(A), E36(B), z45(C)
A/C Amplifier Assembly
TR3
SGND
TR4
SG–9
TR
SG–6
TR7
25 A
34 A
26 A
12 A
18 A
2 A
19 A
V
BR
W
L
R
G
R
E58
Junction
Connector
66
56
36
72 EK2
73 EK2
30 EL1
29 EL1
35 EK1
34 EK1
50 EK1
49 EK1
1 Kz2
2 Kz2
2 Kz3
1 Kz3
K21
Cooler Thermistor LH
L11
Cooler Thermistor RH
z38
Rear No. 1 Cooler
Thermistor LH
z37
Rear No. 1 Cooler
Thermistor RH

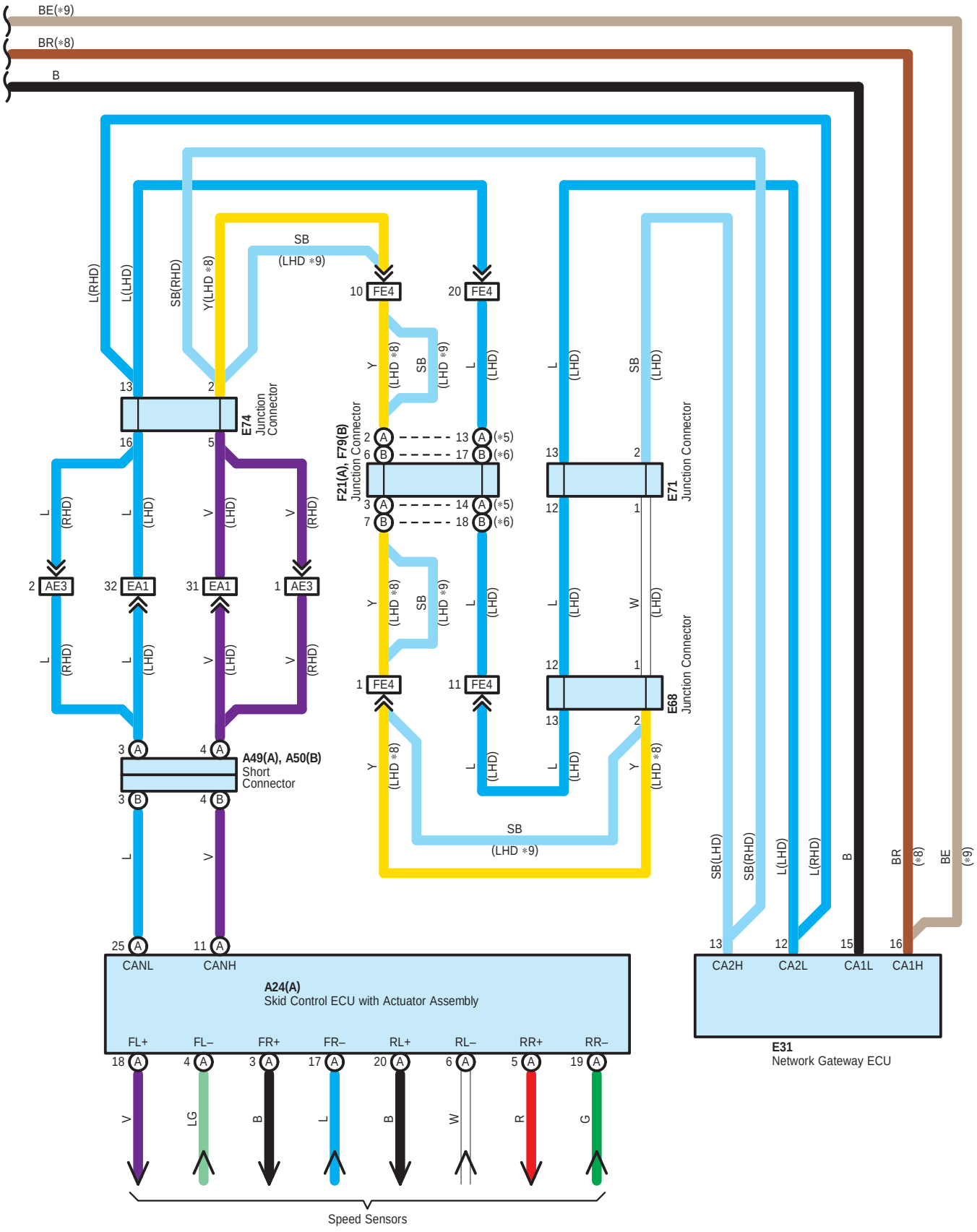

E35(A), E36(B), z45(C)
A/C Amplifier Assembly
RLIN
RBBU
RBUS
RBUG
21 B
14 B
13 B
12 B
L
L
R
BR
36 EK1
33 EK1
32 EK1
L
R
BR
4
3
2
RBBU
RBUS
RBUG
Connector
Housing Color (Sky Blue)
Connector
Housing Color (Gray)
M
M
Damper Servo Motor
(Air Mix RH)
Damper Servo Motor
(Air Mix LH)
4
RLIN
Rear A/C Control
Switch
E55
No. 2 A/C Control Assembly
K19
Rear A/C Blower Assembly

∗ 1 : w/ PTC Heater
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 8 : Before Jan. 2013 Production
∗ 9 : From Jan. 2013 Production

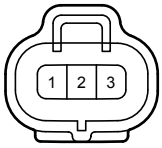



(BAT)
50A PTC–1
(BAT)
50A PTC–2
(BAT)
50A PTC–3
R–B(∗1 ∗8)
R(∗1 ∗9)
R(∗1)
R–B(∗1 ∗5)
W(∗1 ∗6)
(IG)
10A A/C IG
(BAT)
50A RR A/C
(BAT)
50A RR AUTO A/C
PTC HTR1 Relay
PTC HTR2 Relay
PTC HTR3 Relay
16 2C
2 AK3
2 Kz1
1 Kz1
z32
Blower Motor Control
Rear
z33
Rear Cooling Unit Expansion Valve
z31
Rear Blower with Fan Motor Sub–Assembly
A34
Junction Connector
E33(A), E34(B)
Quick Heater Assembly
41 EA2
42 EA2
43 EA2
3 Kz1
8 Kz1
4 Kz1
K2
A3
E3
G(∗9)
G–R(∗8)
L(∗9)
L–O(∗8)
G
B


∗ 3 : Before Jul. 2009 Production
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 7 : From Jul. 2009 Production until Jan. 2012 Production
∗ 8 : Before Jan. 2013 Production
∗ 9 : From Jan. 2013 Production
BE(∗9)
BR(∗8)
B
SB(RHD ∗9)
B(RHD)
Y(RHD ∗8)
B(LHD)
Y(LHD ∗8)
SB(LHD ∗9)
E72 Junction Connector
E69 Junction Connector
EA3 (LHD)
EA1 (RHD)
A38(A), A53(B), C53(C), C54(D)
ECM
CANL
CANH
VCV2
NE–
NE+
ACT
AC1
FE4
F28(B)
Multi–Display
F58(D)
Display & Navigation Module Display
F76(H)
Multi–Media Module Receiver Assembly
C1
Crankshaft Position Sensor
VC
G(∗9)
G–R(∗8)
L(∗9)
L–O(∗8)
G
B


BE(*9)
BR(*8)
B
L(RHD)
L(LHD)
SB(RHD)
Y(LHD *8)
SB
(LHD *9)
10 FE4
20 FE4
13
2
E74
Junction
Connector
16
5
F21(A), F79(B)
Junction Connector
2 A
6 B
13 A (*5)
17 B (*6)
3 A
7 B
14 A (*5)
18 B (*6)
1 FE4
11 FE4
E71
Junction Connector
E68
Junction Connector
12
1
W
2 AE3
32 EA1
31 EA1
1 AE3
3 A
4 A
A49(A), A50(B)
Short
Connector
3 B
4 B
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(LHD)
SB(RHD)
L(LHD)
L(RHD)
B
BR
(*8)
BE
(*9)
13
12
15
16
CA2H
CA2L
CA1L
CA1H
E31
Network Gateway ECU

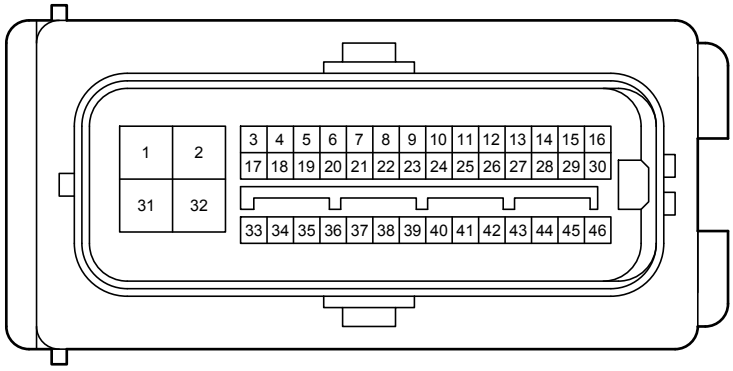
A 13
Black



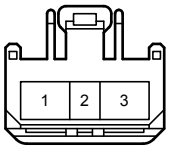

A 14
Black



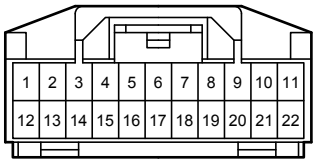

A 24
Black



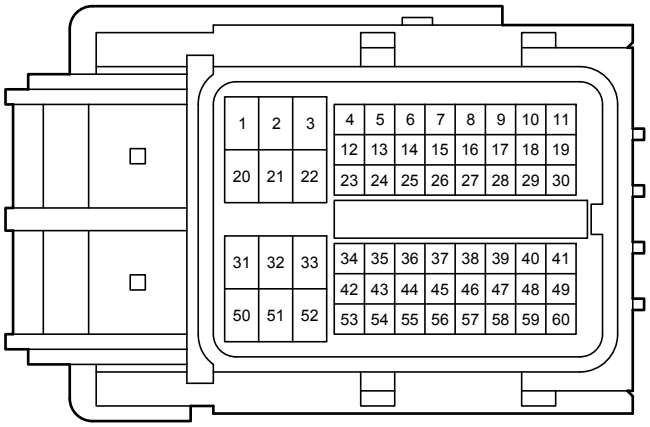

A 29
White




A 34
White




A 38
Black



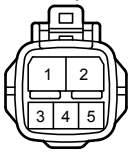

A 45
Black



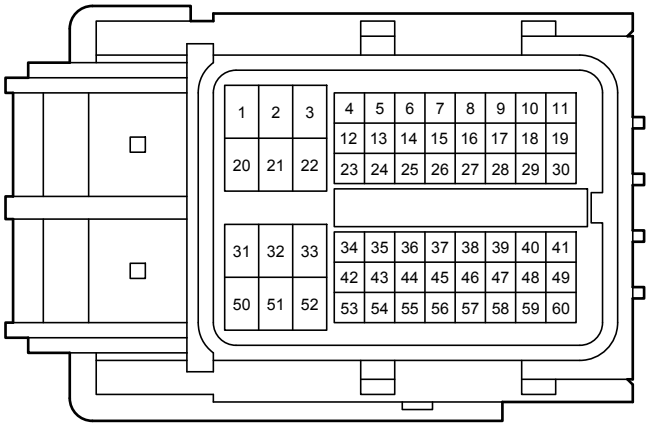

A 49
Gray



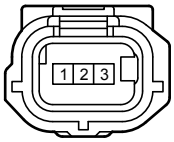

A 50
Gray



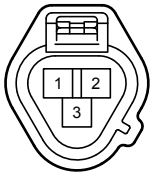

A 53
Black



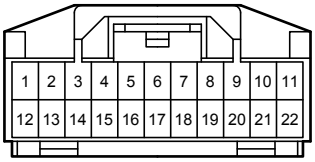

C 1
Black



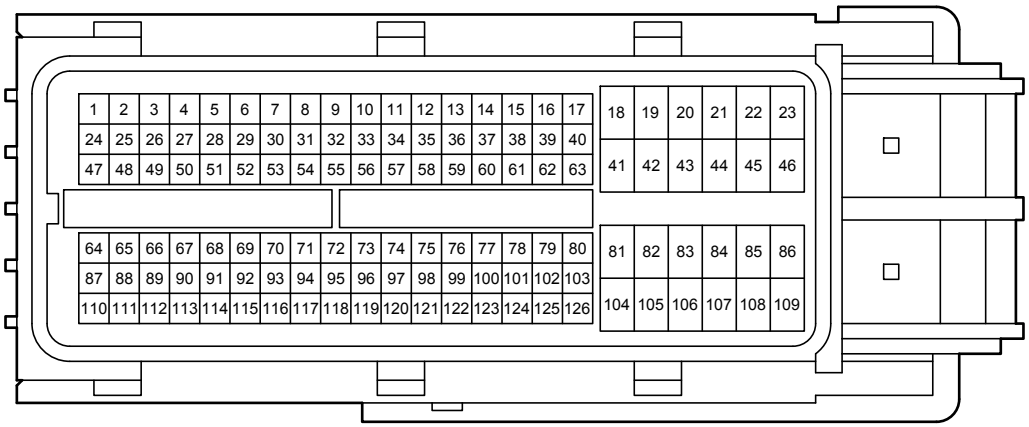
C 37
Gray



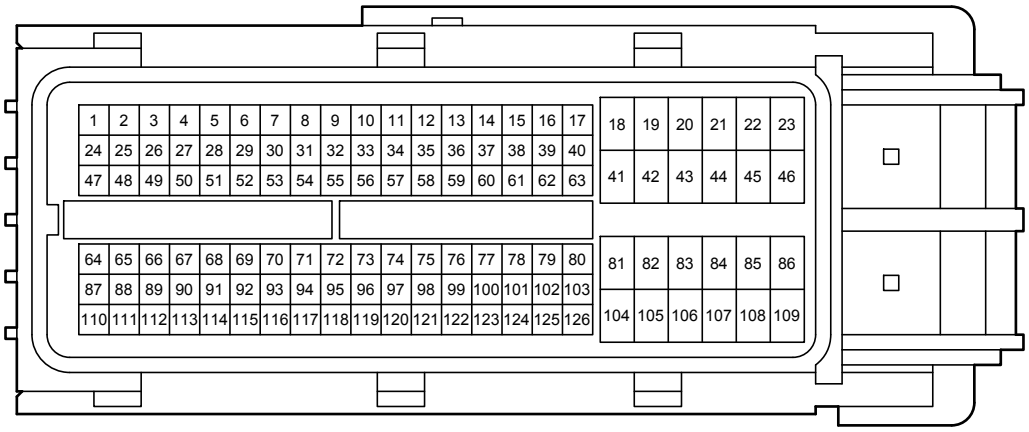

C 51
White




C 53
Black



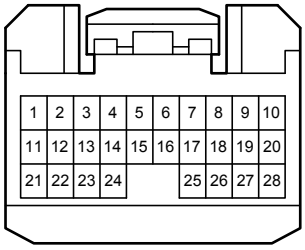

C 54
Black



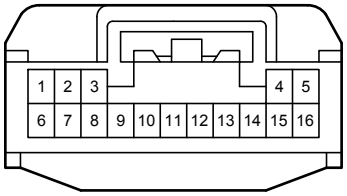

D 4
Black



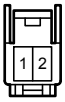

E 2
White



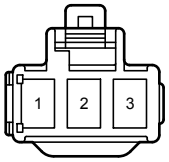

E 31
White



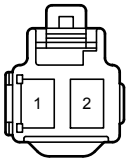

E 32
Black



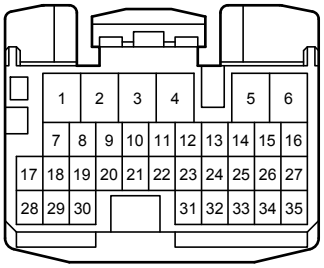

E 33
White



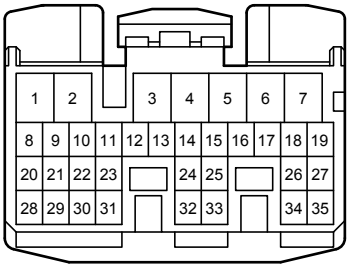
E 34
White




E 35
White



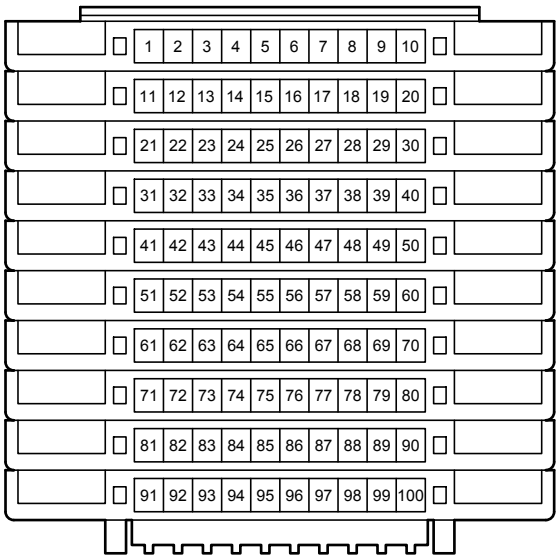

E 36
White



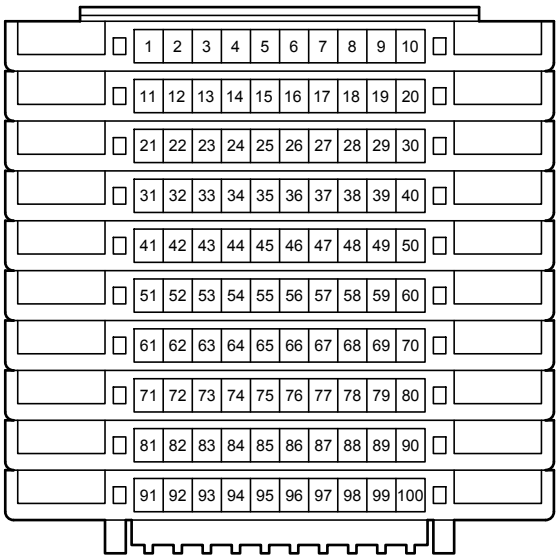

E 55
White



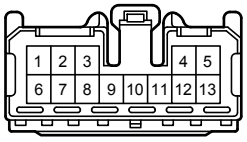

E 58
White



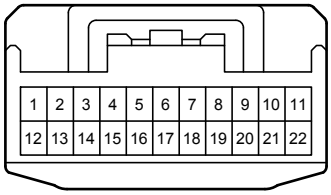

E 60
White



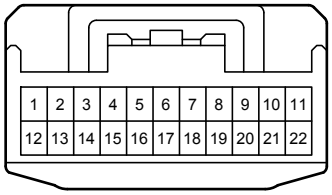

E 62
White



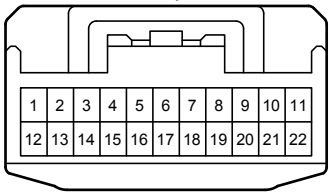

E 68
Gray



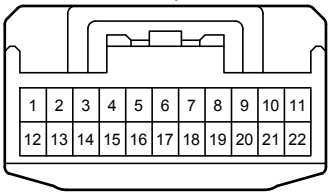

E 69
Gray



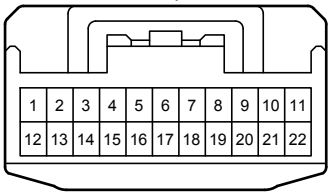

E 71
Gray



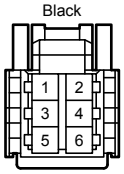

E 72
Gray



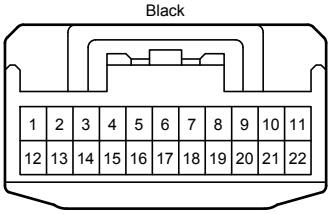

E 74
Gray



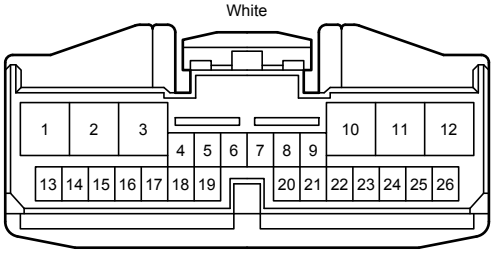

F 9
Black



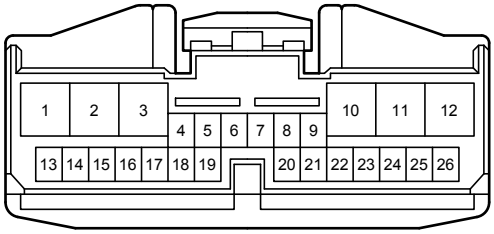

F 21
Black



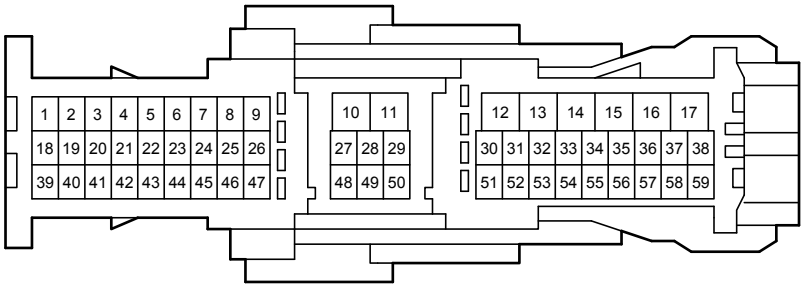

F 28
White



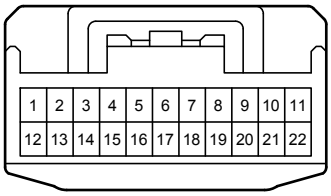
F 58
White



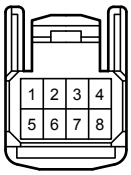

F 76
White



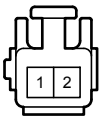

F 79
White



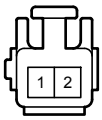

K 19
White



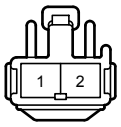

K 21
Black



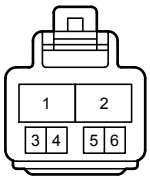

L 11
Black



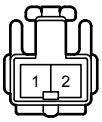

z 31
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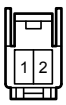

z 32
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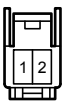

z 33
Black



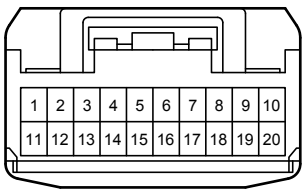

z 37
White



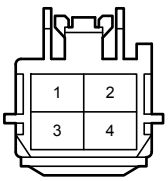

z 38
White



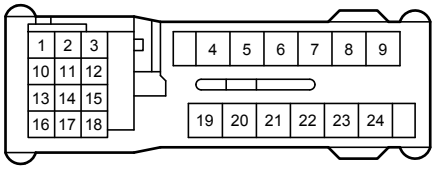

z 45
White



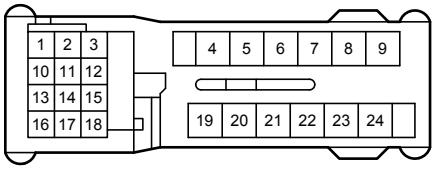

1H
White



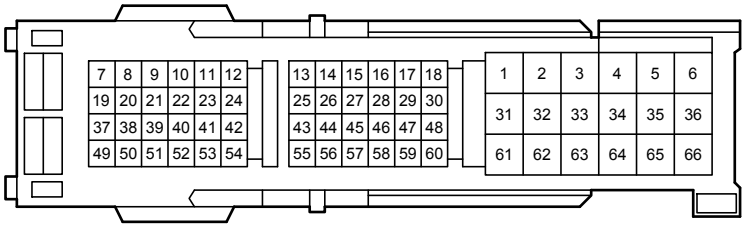

2B
White



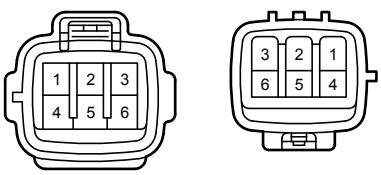

2C
White



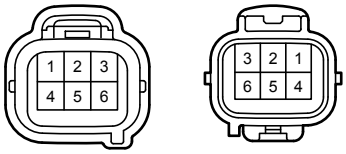

2D
White



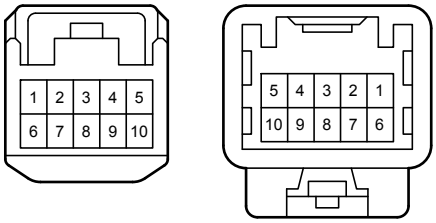

AA3
Gray



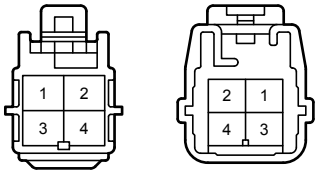
AD1
Black



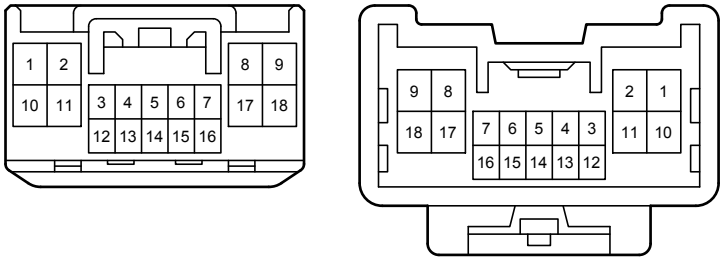

AE3
Gray



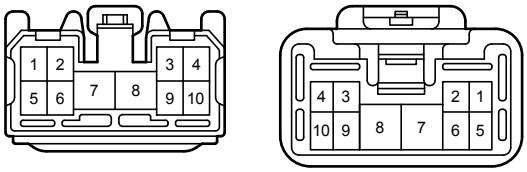

AK3
White



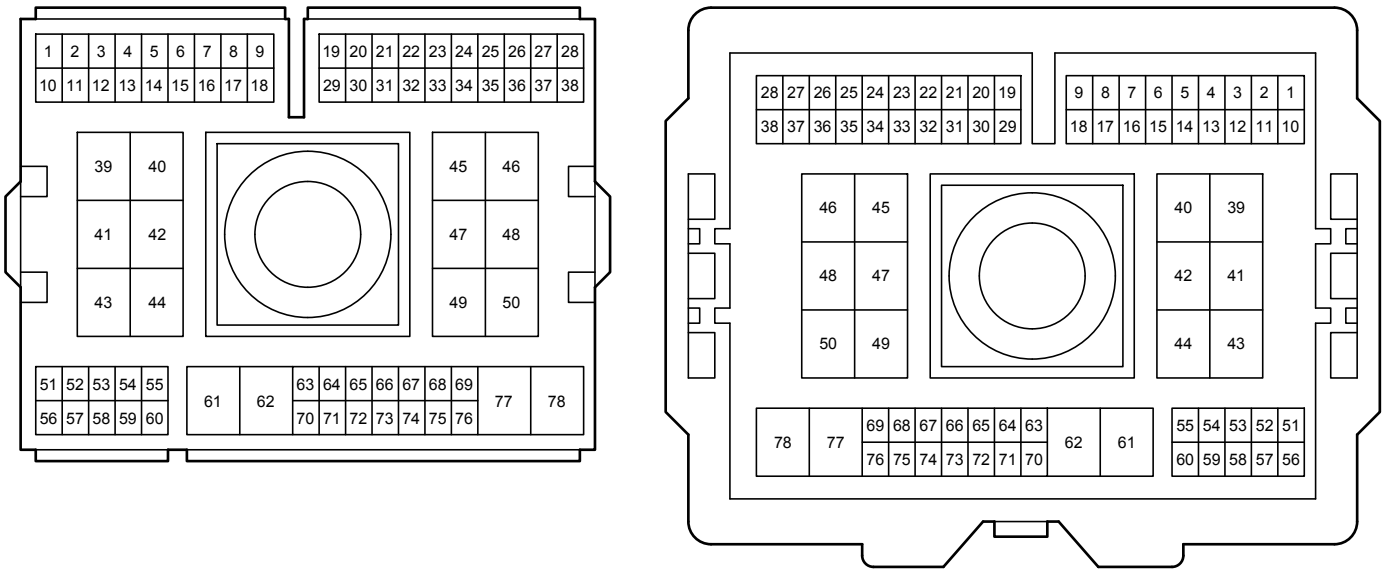

CA1
White




CA2
White

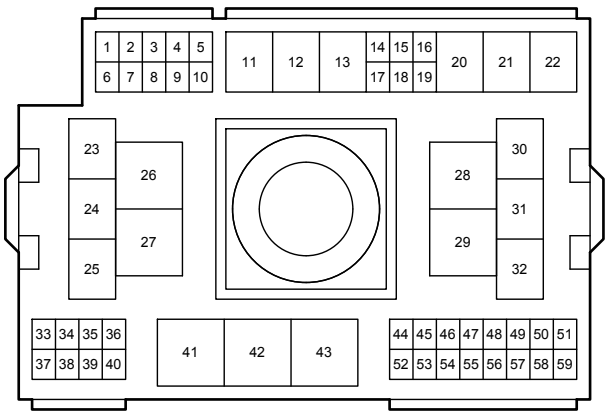



EA1
White

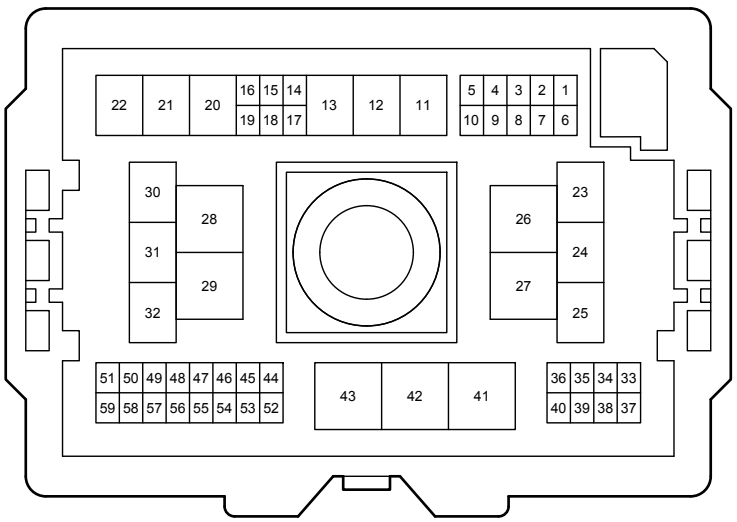


EA2

White

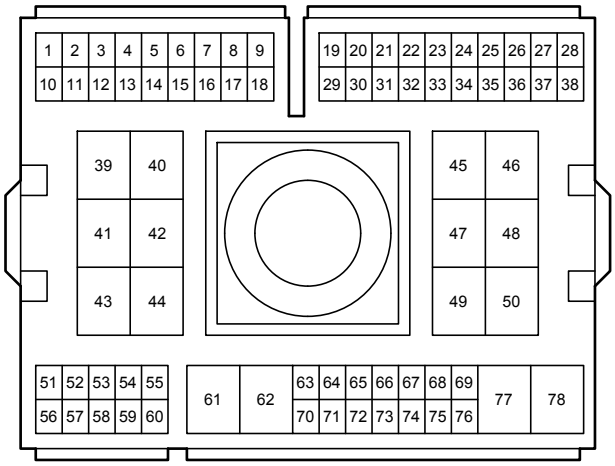


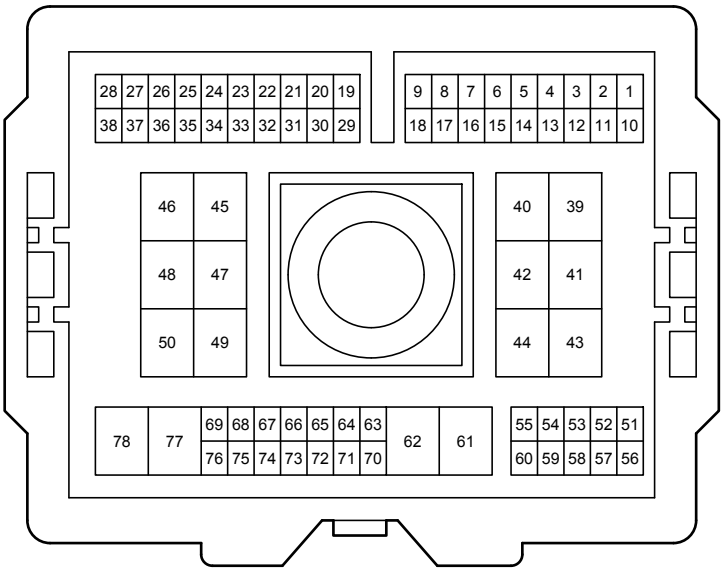

Gray




EA3

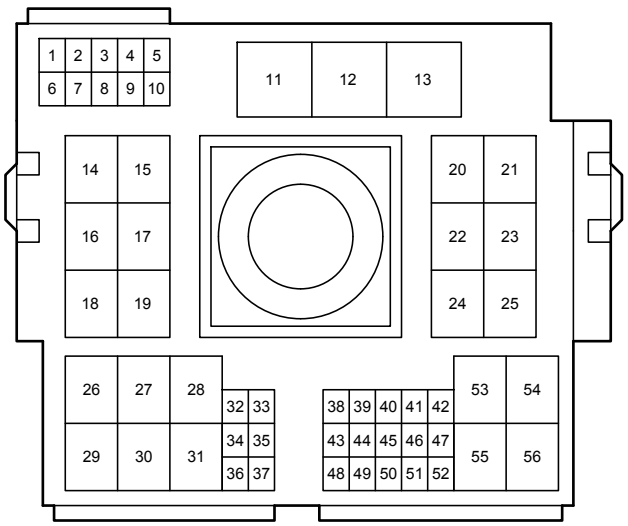
White



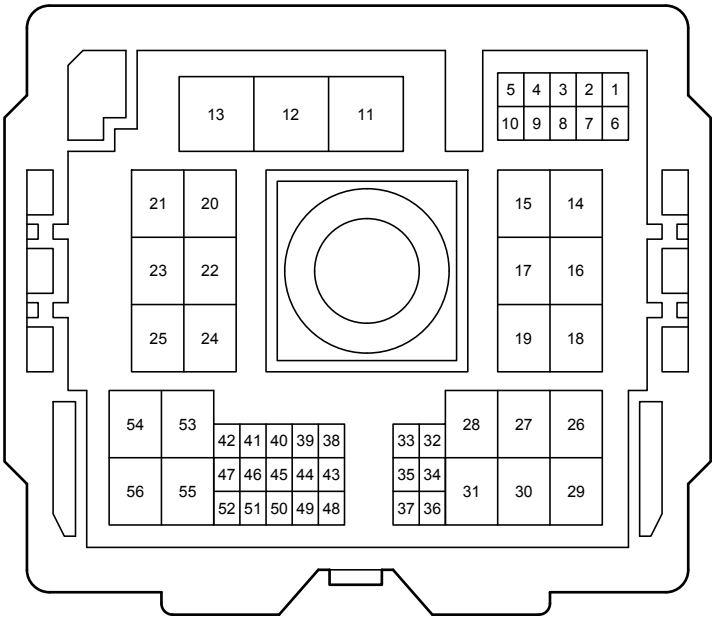



EK1

White

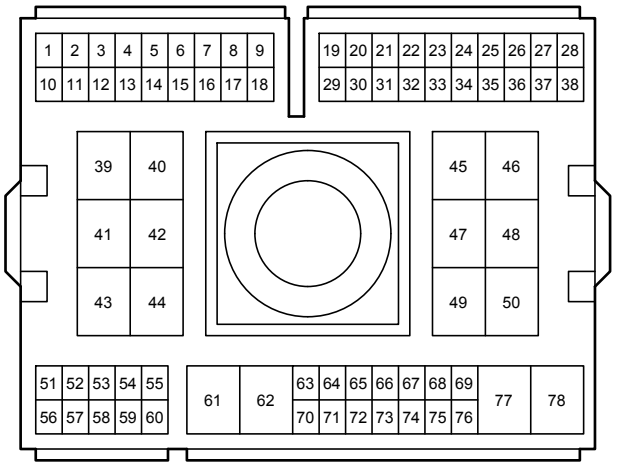


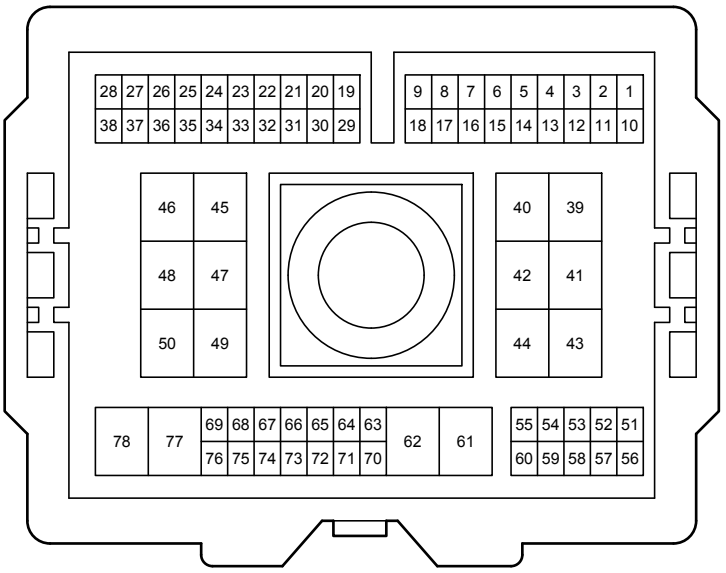

Blue



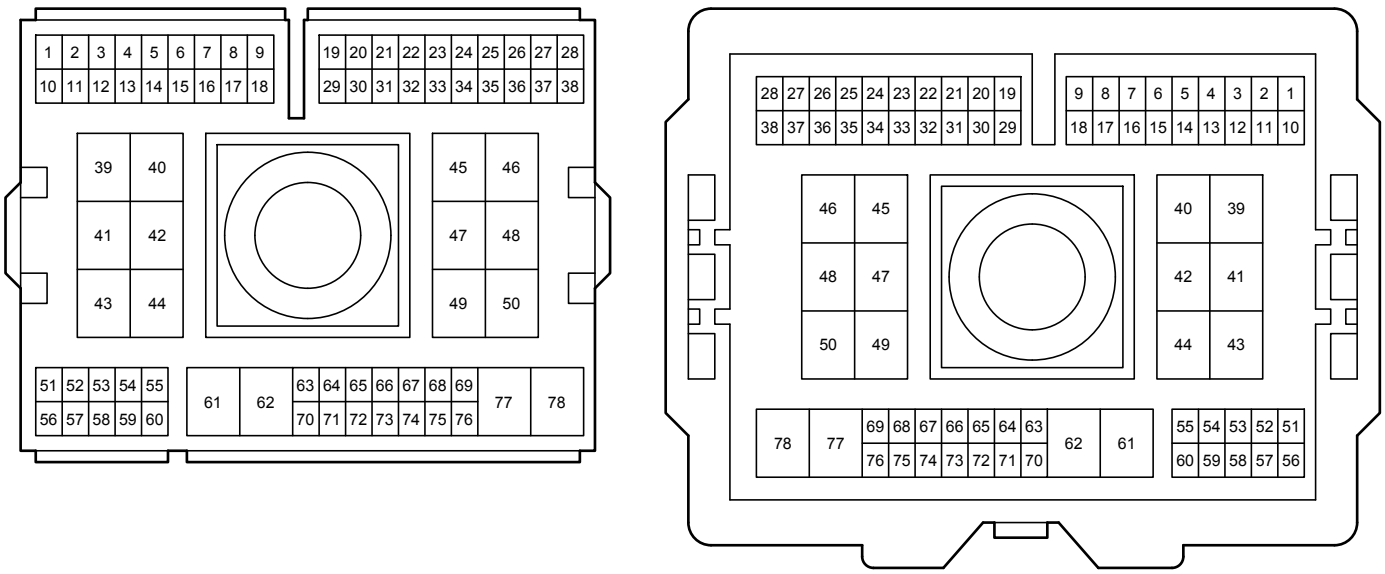

EK2

White

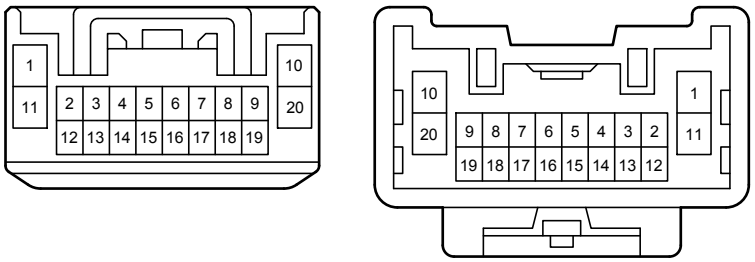


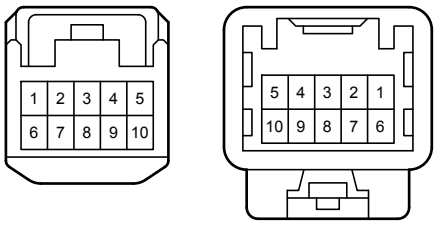
EL1
White



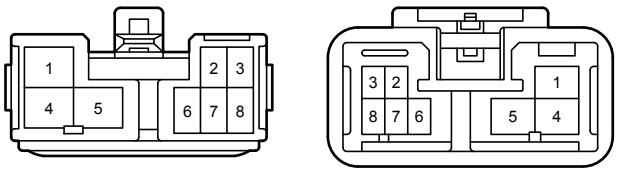

FE4
White



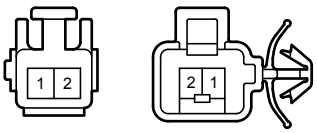

FE6
White



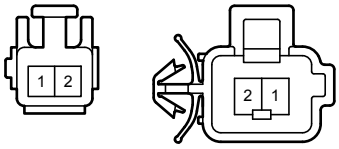

Kz1
Blue

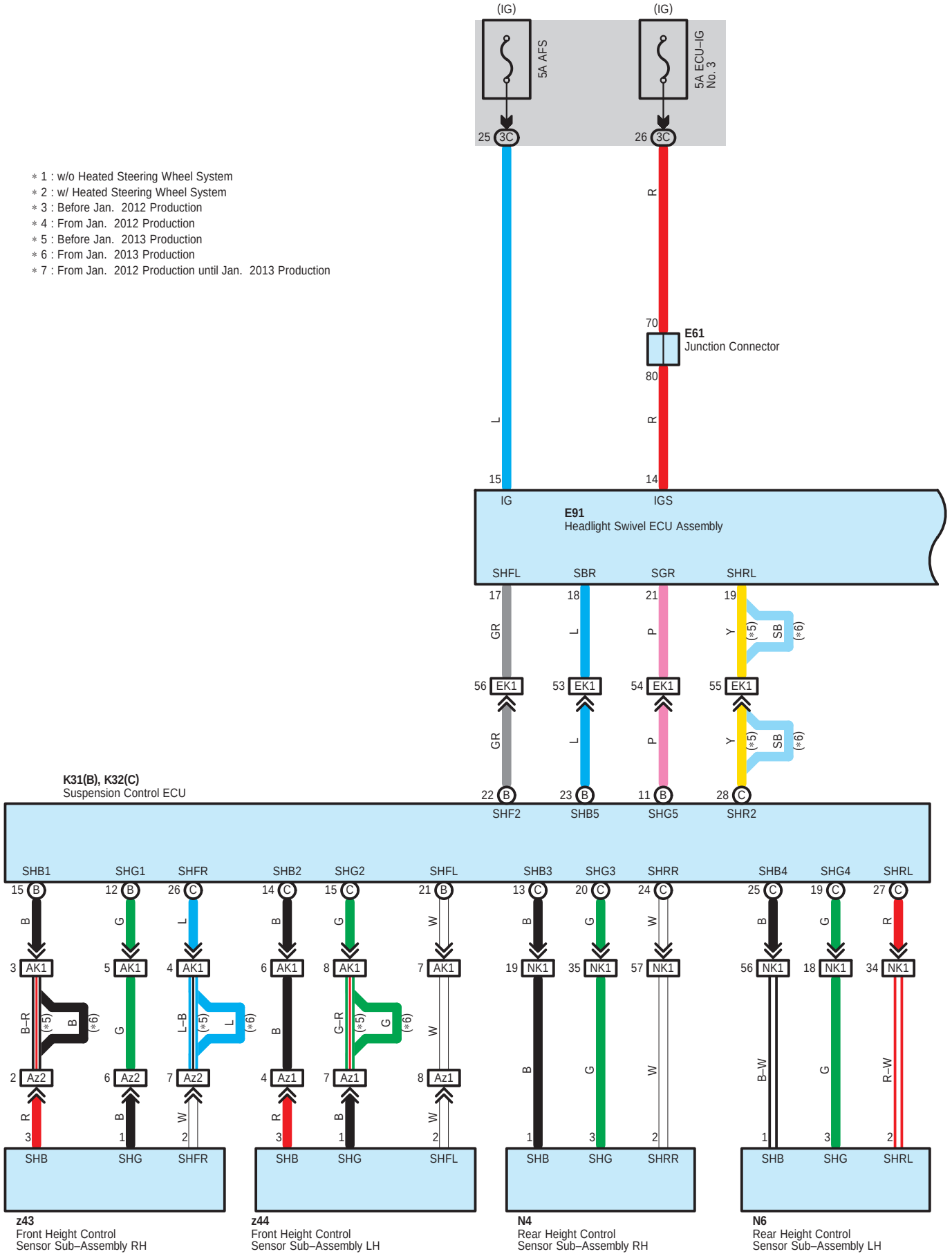


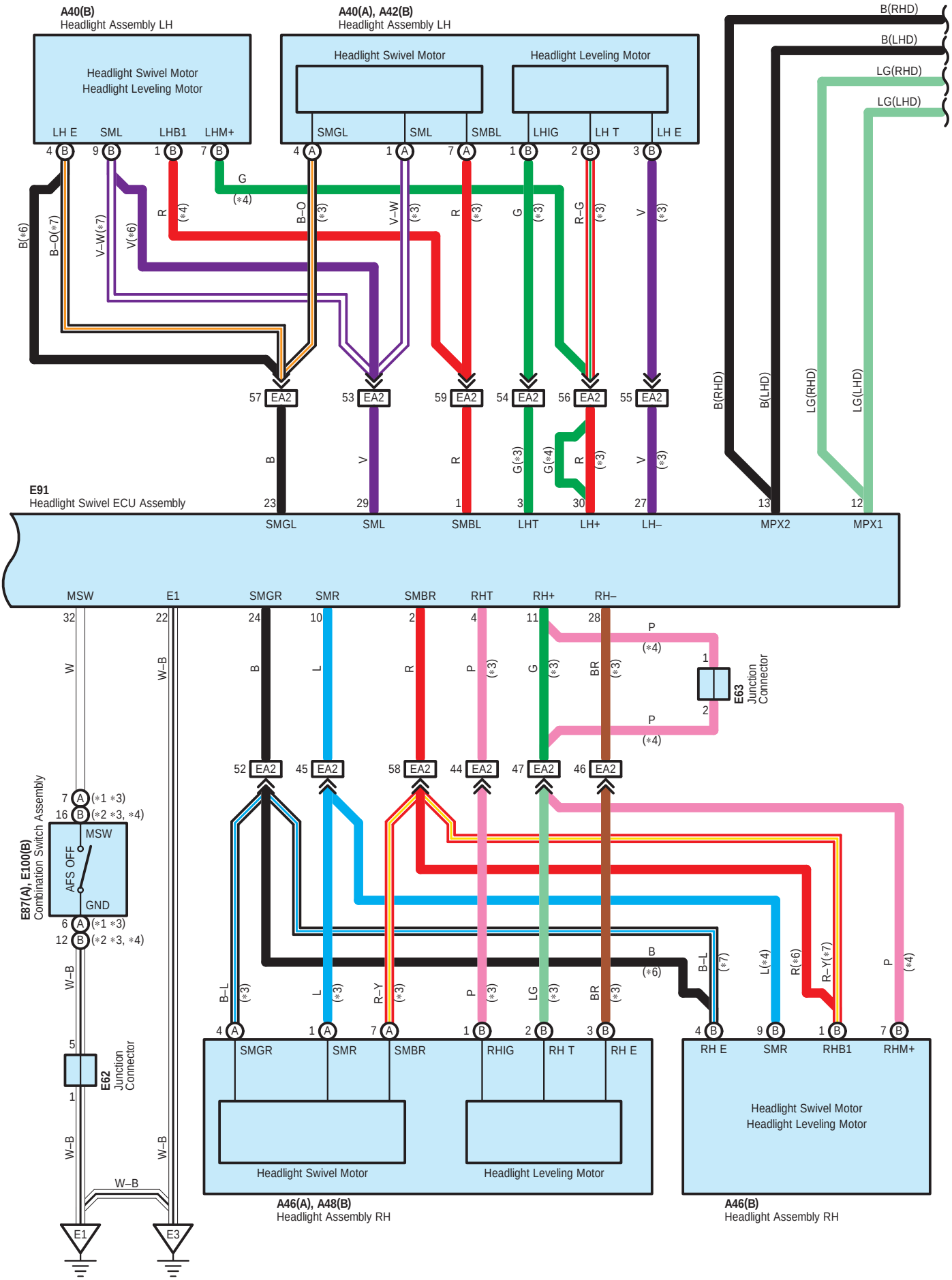

Kz2
White

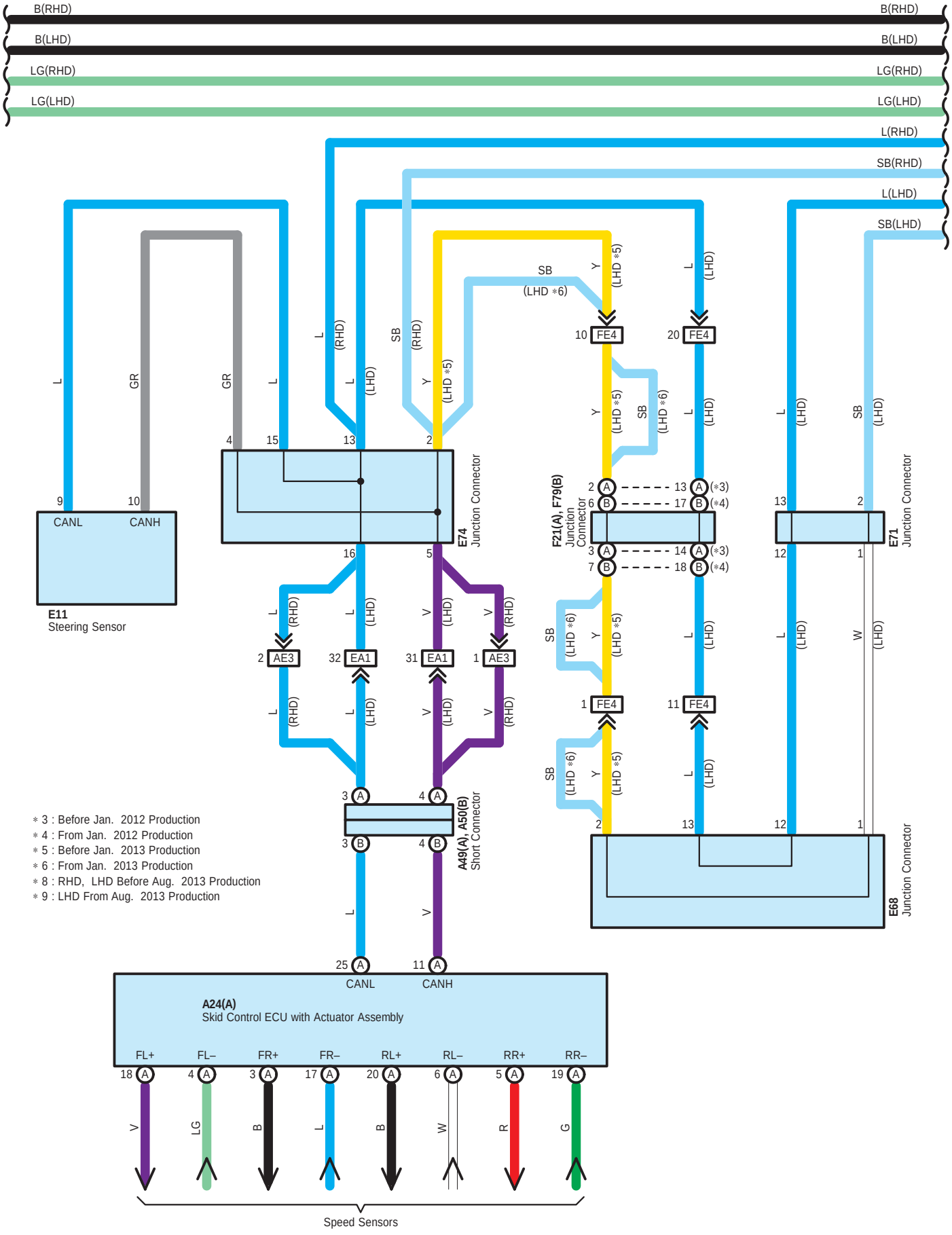


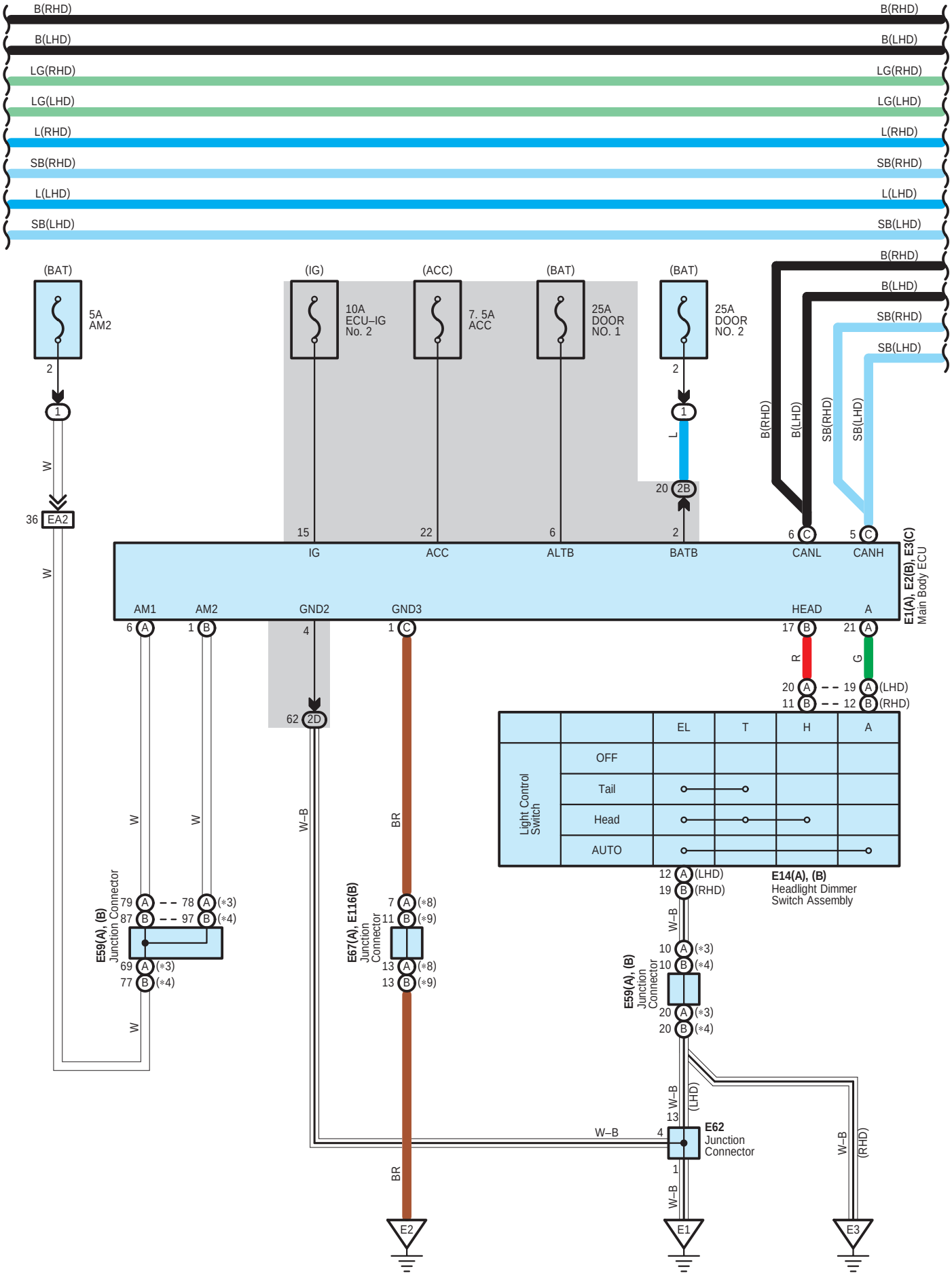

Kz3
White

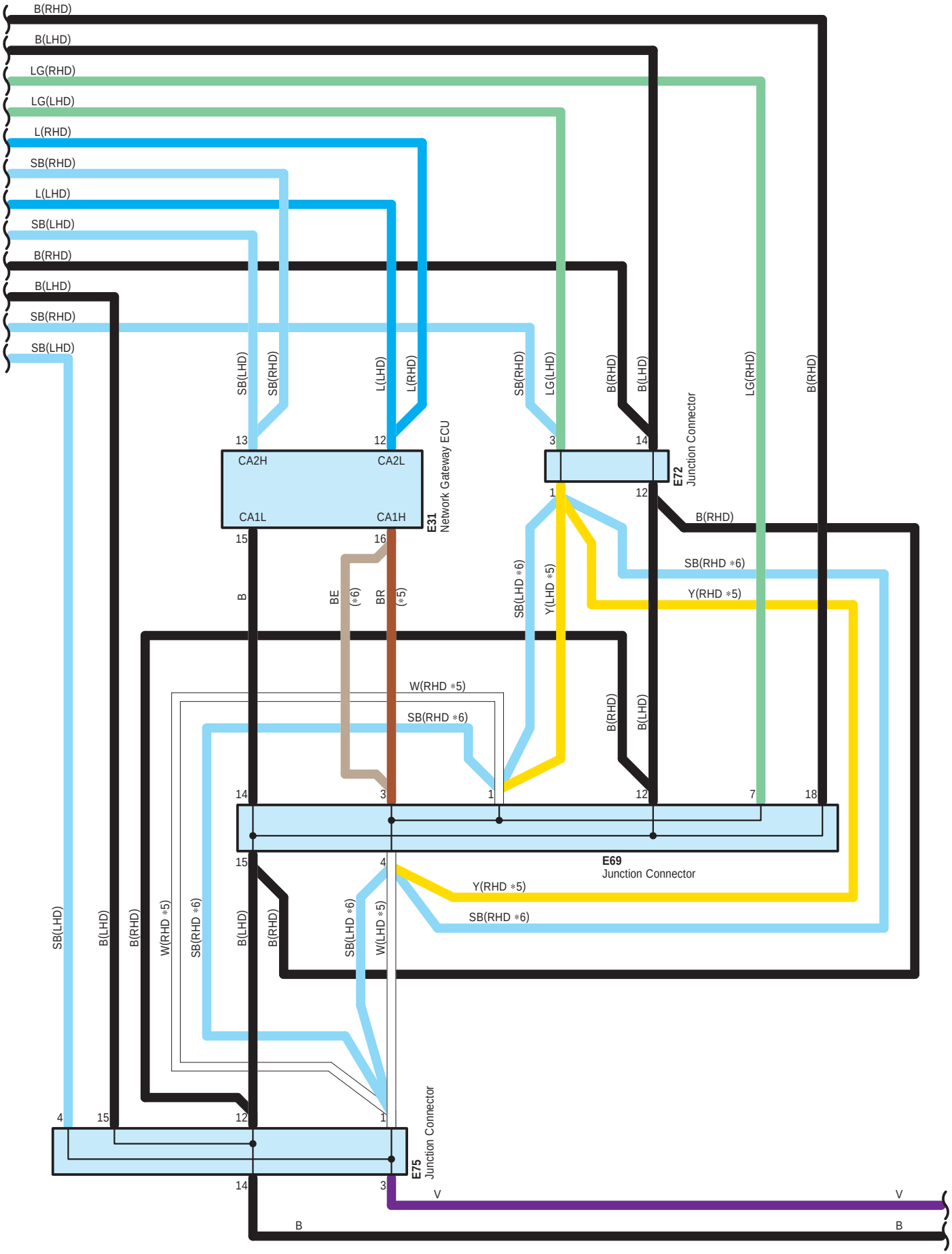


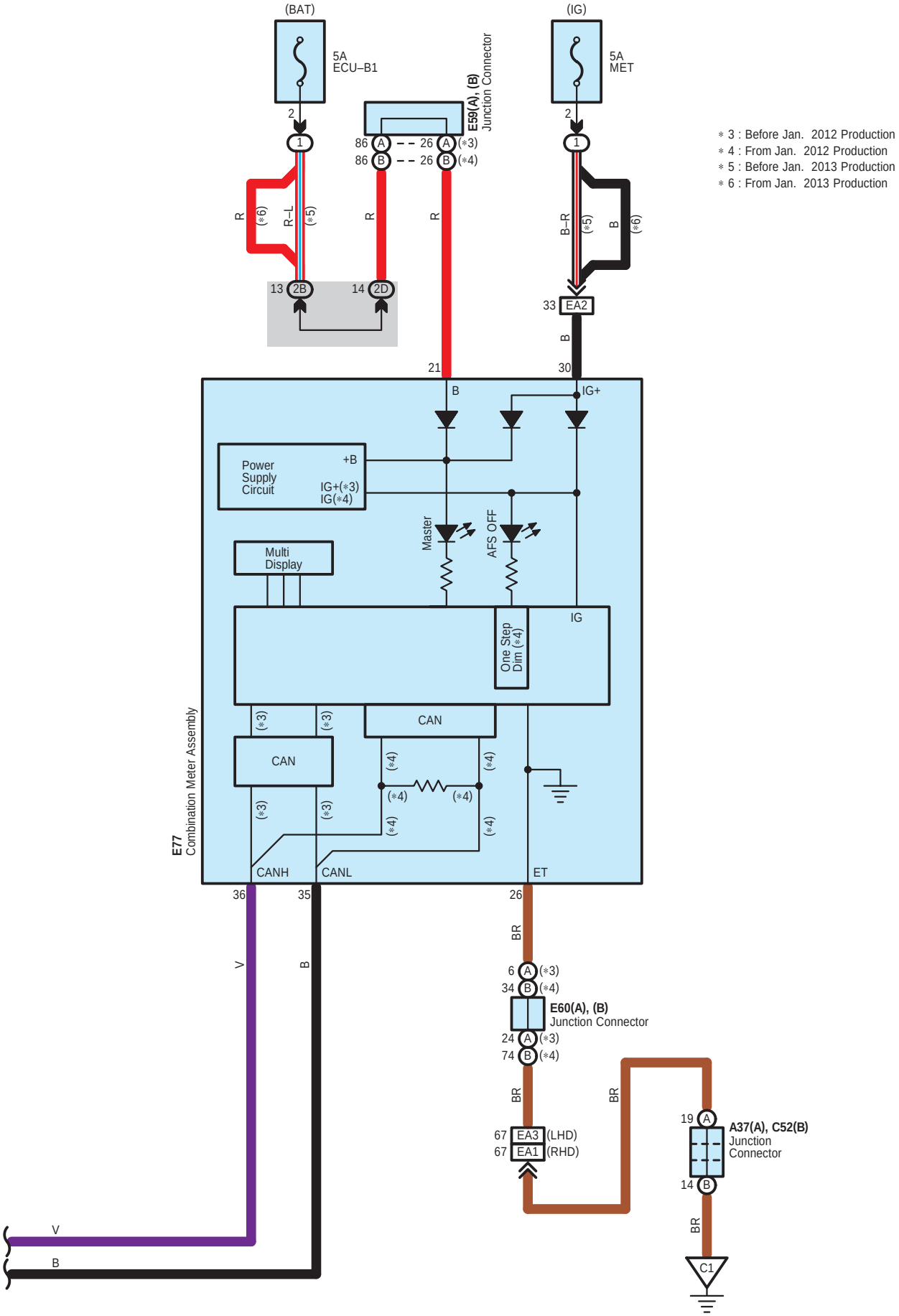

(IG)
(IG)
5A AFS
5A ECU–IG No. 3
25 3C
26 3C
∗ 1 : w/o Heated Steering Wheel System
∗ 2 : w/ Heated Steering Wheel System
∗ 3 : Before Jan. 2012 Production
∗ 4 : From Jan. 2012 Production
∗ 5 : Before Jan. 2013 Production
∗ 6 : From Jan. 2013 Production
∗ 7 : From Jan. 2012 Production until Jan. 2013 Production
L
R
70
E61
Junction Connector
80
R
15
14
IG
IGS
E91
Headlight Swivel ECU Assembly
SHFL
SBR
SGR
SHRL
17
18
21
19
GR
L
P
Y
(∗5)
SB
(∗6)
56 EK1
53 EK1
54 EK1
55 EK1
K31(B), K32(C)
Suspension Control ECU
22 B
23 B
11 B
28 C
SHF2
SHB5
SHG5
SHR2
SHB1
SHG1
SHFR
SHB2
SHG2
SHFL
SHB3
SHG3
SHRR
SHB4
SHG4
SHRL
15 B
12 B
26 C
14 C
15 C
21 B
13 C
20 C
24 C
25 C
19 C
27 C
B
G
L
W
R
3 AK1
5 AK1
4 AK1
6 AK1
8 AK1
7 AK1
19 NK1
35 NK1
57 NK1
56 NK1
18 NK1
34 NK1
B–R
L–B
G–R
B–W
R–W
2 Az2
6 Az2
7 Az2
4 Az1
7 Az1
8 Az1
3
1
2
SHB
SHG
SHFR
SHFL
SHRR
SHRL
z43
Front Height Control
Sensor Sub–Assembly RH
z44
Front Height Control
Sensor Sub–Assembly LH
N4
Rear Height Control
Sensor Sub–Assembly RH
N6
Rear Height Control
Sensor Sub–Assembly LH


A40(B)
Headlight Assembly LH
Headlight Swivel Motor
Headlight Leveling Motor
LH E
SML
LHB1
LHM+
A40(A), A42(B)
Headlight Assembly LH
Headlight Swivel Motor
Headlight Leveling Motor
SMGL
SML
SMBL
LHIG
LH T
LH E
B(RHD)
B(LHD)
LG(RHD)
LG(LHD)
E91
Headlight Swivel ECU Assembly
SMGL
SML
SMBL
LHT
LH+
LH–
MPX2
MPX1
MSW
E1
SMGR
SMR
SMBR
RHT
RH+
RH–
E87(A), E100(B)
Combination Switch Assembly
AFS OFF
MSW
GND
E62
Junction Connector
E63
Junction Connector
A46(A), A48(B)
Headlight Assembly RH
A46(B)
Headlight Assembly RH
RH E
SMR
RHB1
RHM+
RHIG
RH T
RH E


B(RHD)
B(LHD)
LG(RHD)
LG(LHD)
L(RHD)
SB(RHD)
L(LHD)
SB(LHD)
E11
Steering Sensor
CANL
CANH
E74
Junction Connector
F21(A), F79(B)
Junction Connector
E71
Junction Connector
E68
Junction Connector
A49(A), A50(B)
Short Connector
A24(A)
Skid Control ECU with Actuator Assembly
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
Speed Sensors
∗ 3 : Before Jan. 2012 Production
∗ 4 : From Jan. 2012 Production
∗ 5 : Before Jan. 2013 Production
∗ 6 : From Jan. 2013 Production
∗ 8 : RHD, LHD Before Aug. 2013 Production
∗ 9 : LHD From Aug. 2013 Production

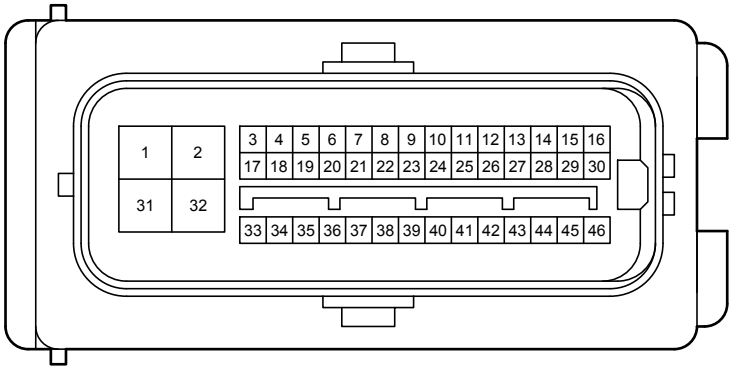

B(RHD)
B(LHD)
LG(RHD)
LG(LHD)
L(RHD)
SB(RHD)
L(LHD)
SB(LHD)
(BAT)
5A
AM2
(IG)
10A
ECU–IG
No. 2
(ACC)
7. 5A
ACC
(BAT)
25A
DOOR
NO. 1
(BAT)
25A
DOOR
NO. 2
IG
ACC
ALTB
BATB
CANL
CANH
E1(A), E2(B), E3(C)
Main Body ECU
AM1
AM2
GND2
GND3
HEAD
A
Light Control Switch
OFF
Tail
Head
AUTO
EL
T
H
A
E14(A), (B)
Headlight Dimmer
Switch Assembly
E59(A), (B)
Junction Connector
E67(A), E116(B)
Junction Connector
E59(A), (B)
Junction Connector
E62
Junction
Connector
E2
E1
E3


B(RHD)
B(LHD)
LG(RHD)
LG(LHD)
L(RHD)
SB(RHD)
L(LHD)
SB(LHD)
B(RHD)
B(LHD)
SB(RHD)
SB(LHD)
SB(LHD)
SB(RHD)
L(LHD)
L(RHD)
SB(RHD)
LG(LHD)
B(RHD)
B(LHD)
LG(RHD)
B(RHD)
13
12
3
14
CA2H
CA2L
CA1L
CA1H
E31
Network Gateway ECU
E72
Junction Connector
1
12
B(RHD)
15
16
B
BE (*6)
BR (*5)
SB(LHD *6)
Y(LHD *5)
SB(RHD *6)
Y(RHD *5)
W(RHD *5)
SB(RHD *6)
B(RHD)
B(LHD)
14
3
1
12
7
18
E69
Junction Connector
15
4
Y(RHD *5)
SB(RHD *6)
SB(LHD)
B(LHD)
B(RHD)
W(RHD *5)
SB(RHD *6)
B(LHD)
B(RHD)
SB(LHD *6)
W(LHD *5)
4
15
12
1
E75
Junction Connector
14
3
V
V
B
B

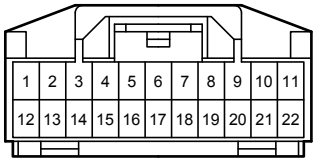



* 3 : Before Jan. 2012 Production
* 4 : From Jan. 2012 Production
* 5 : Before Jan. 2013 Production
* 6 : From Jan. 2013 Production

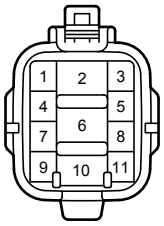
A 24
Black



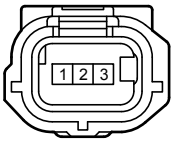

A 37
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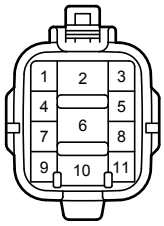

A 40
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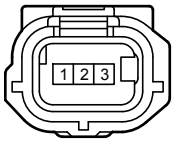

A 42
Black




A 46
Black



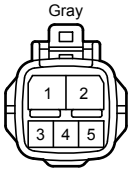

A 48
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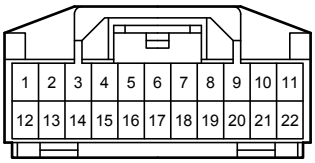

A 49
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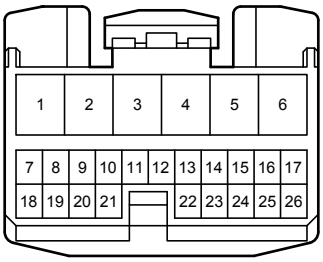

A 50
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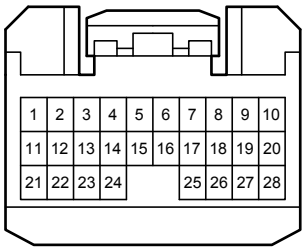

C 52
Blue



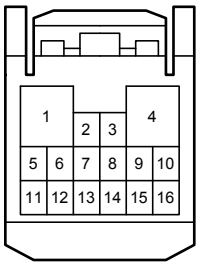

E 1
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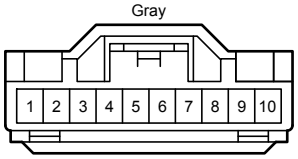

E 2
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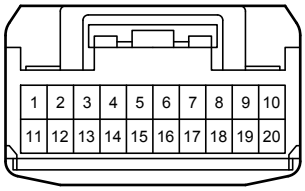

E 3
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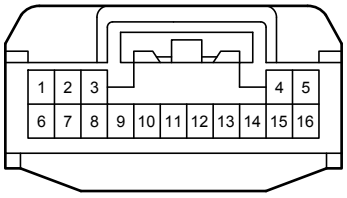

E 11
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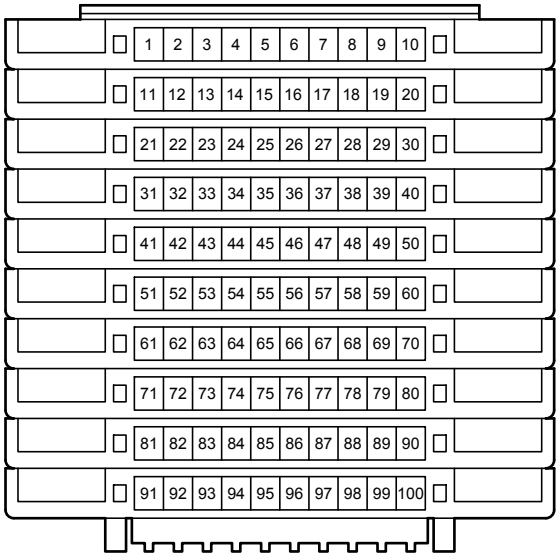

E 14
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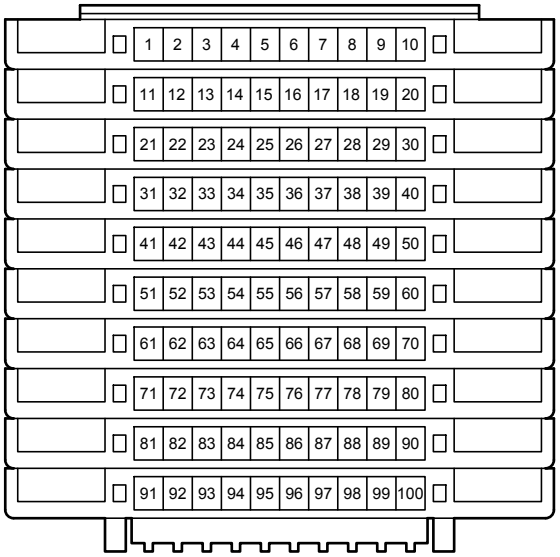

E 31
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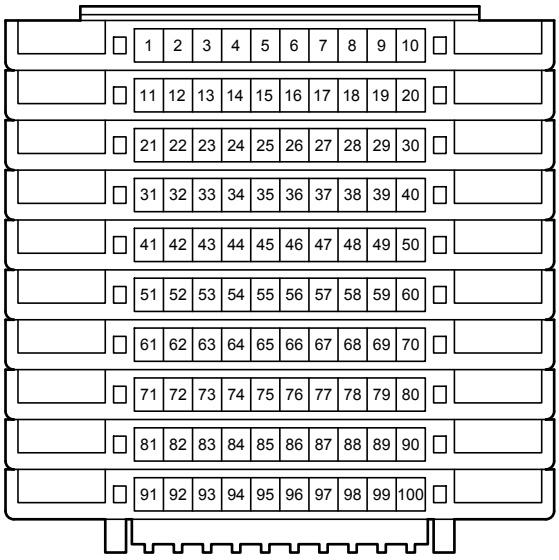
E 59
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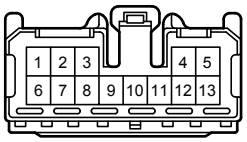

E 60
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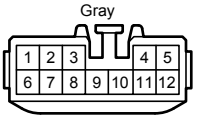

E 61
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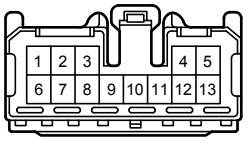

E 62
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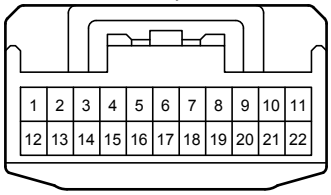

E 63
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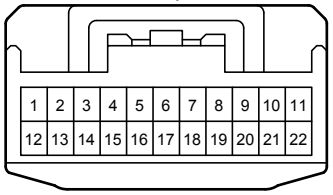

E 67
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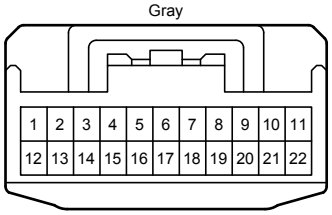

E 68
Gray



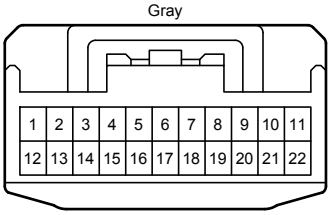

E 69
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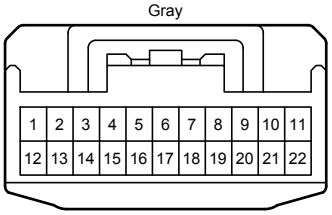

E 71
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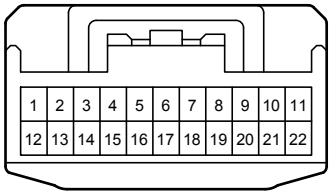

E 72
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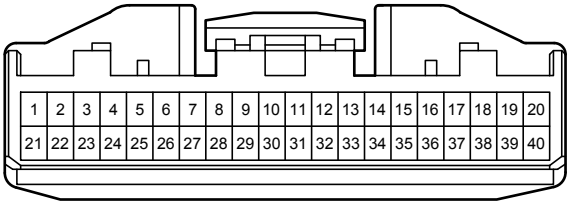

E 74
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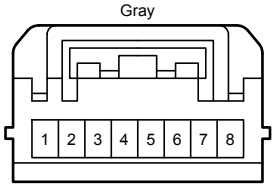
E 75
Gray



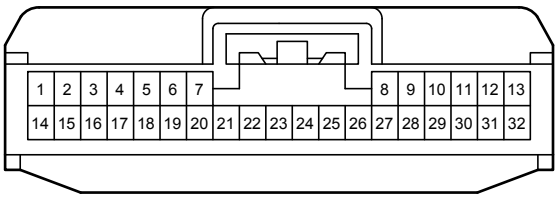

E 77
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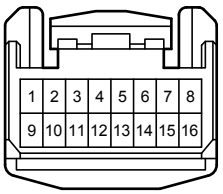

E 87
Gray



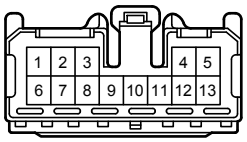

E 91
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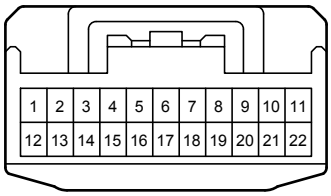

E100
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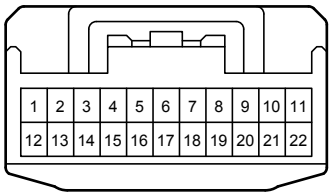

E116
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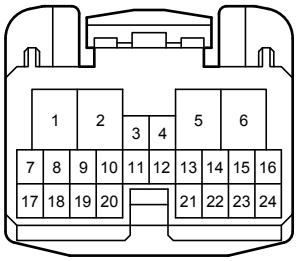

F 21
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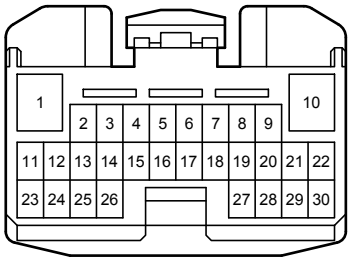

F 79
White



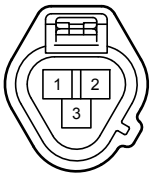

K 31
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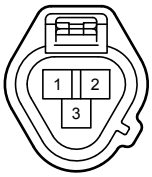

K 32
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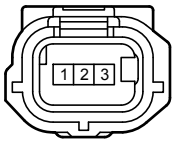

N 4
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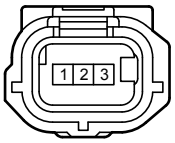

N 6
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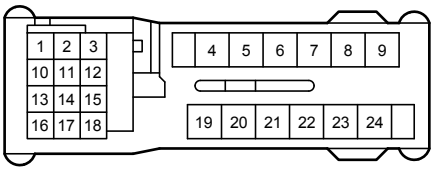

z 43
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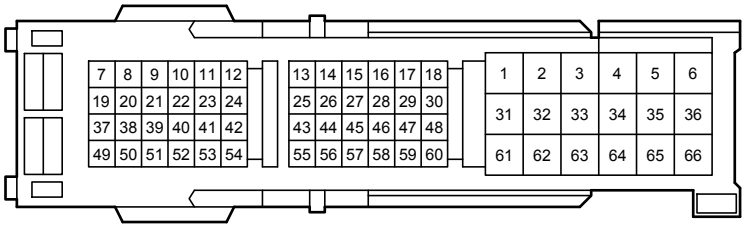

z 44
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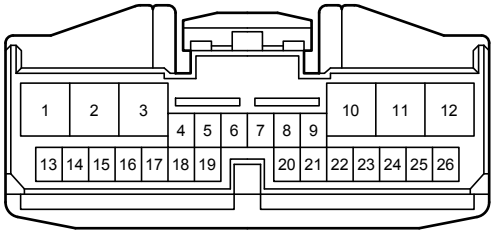

2B
White



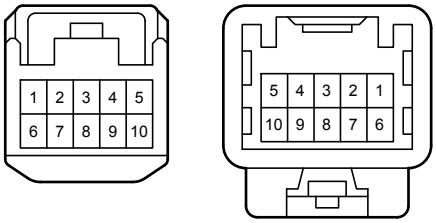

2D
White



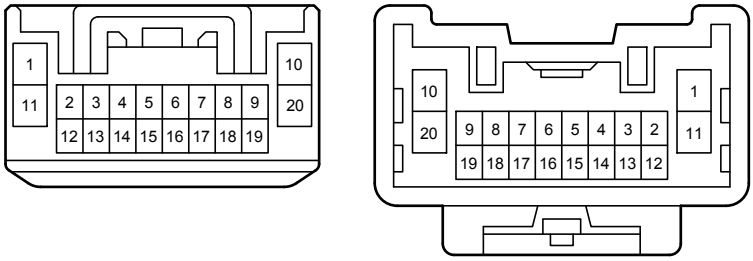
3C
White



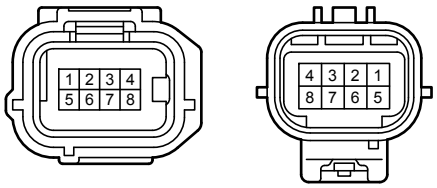

AE3
Gray



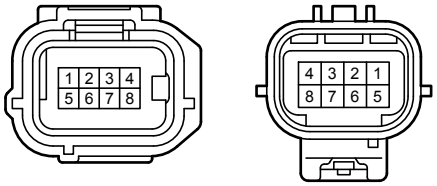

AK1
Blue



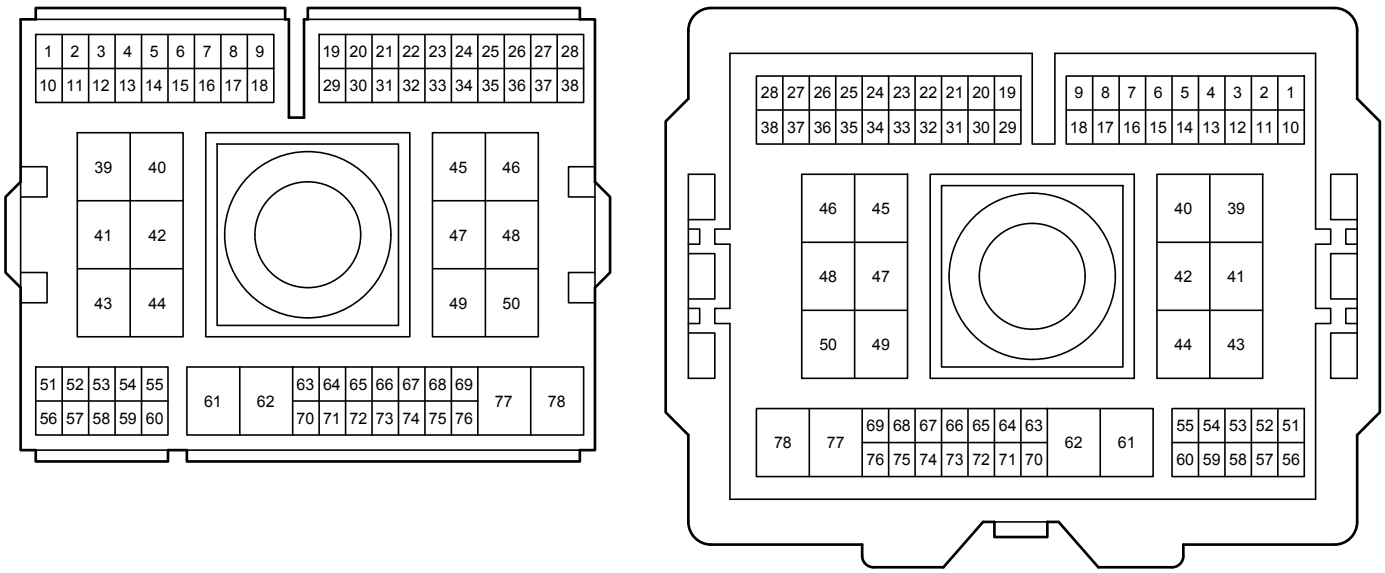

Az1
Gray




Az2
Gray

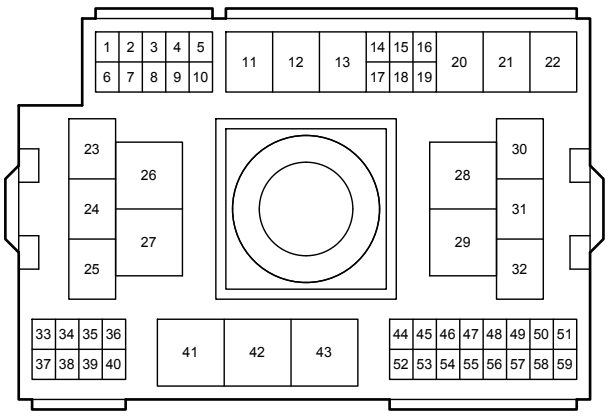



EA1
White

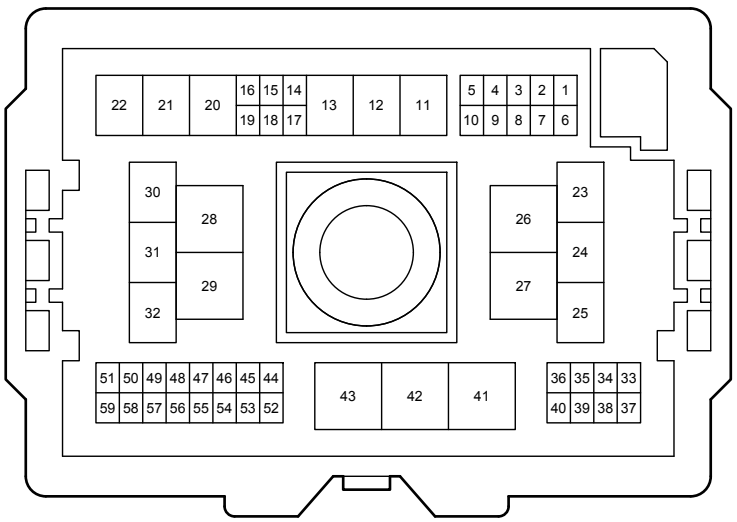


EA2

White

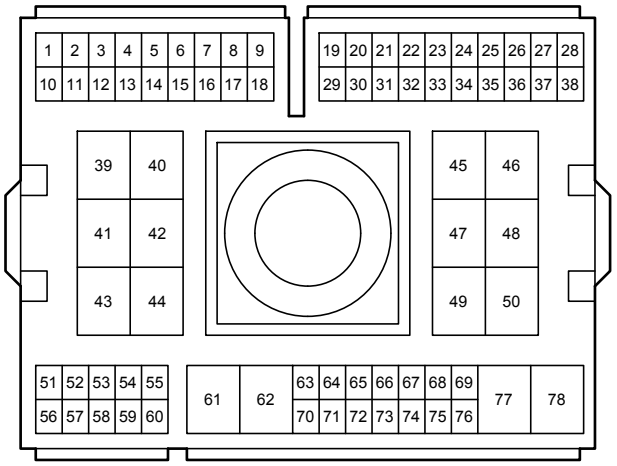


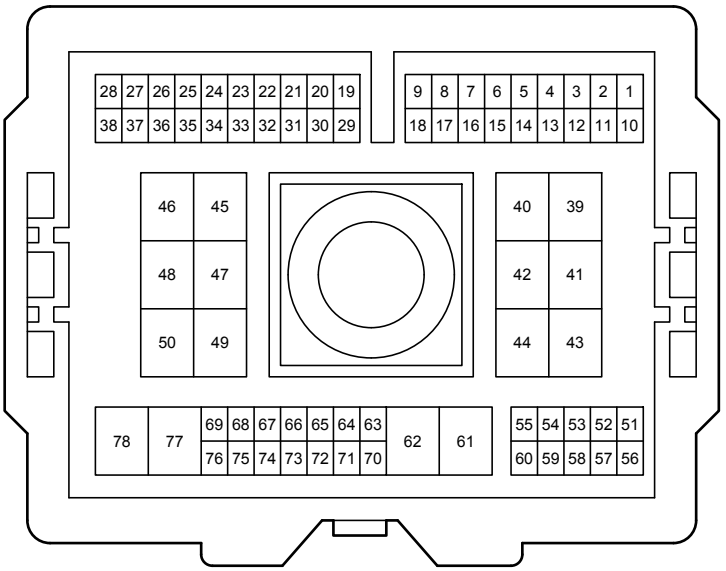

Gray




EA3

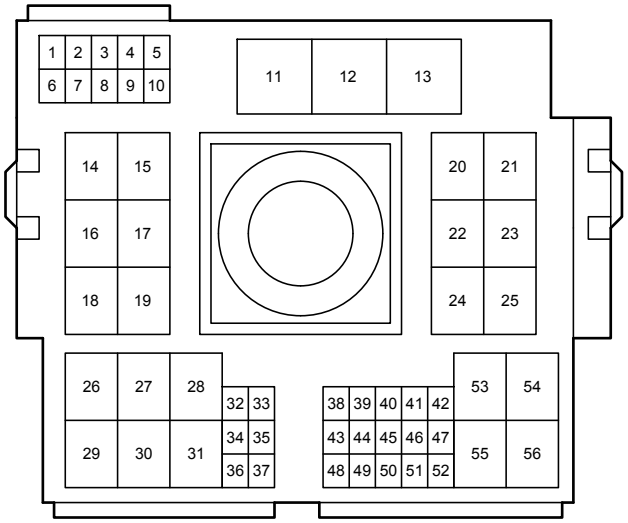
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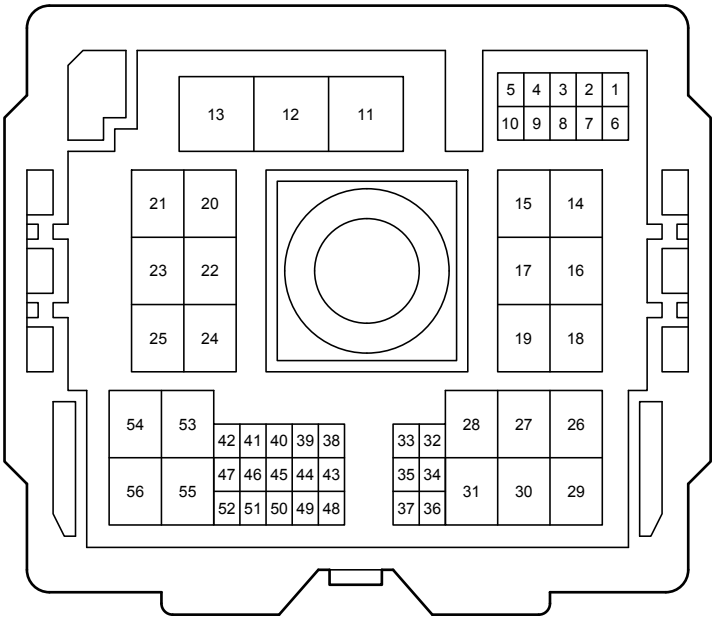



EK1

White

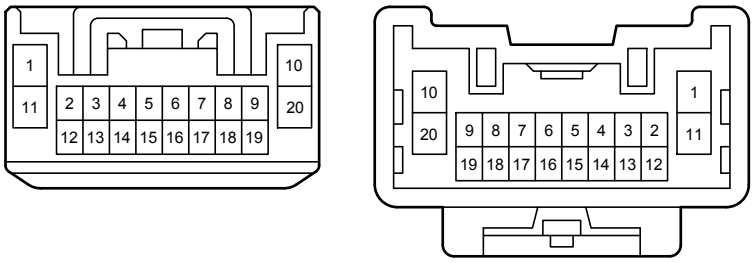



Blue



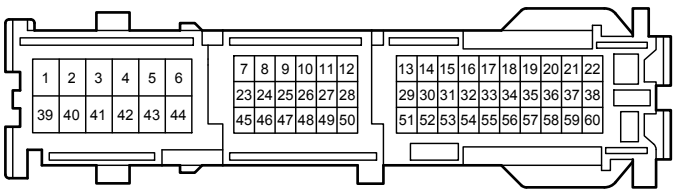

FE4

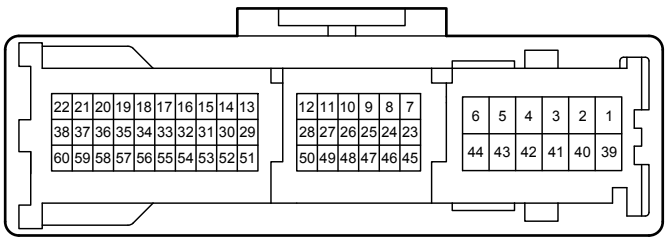
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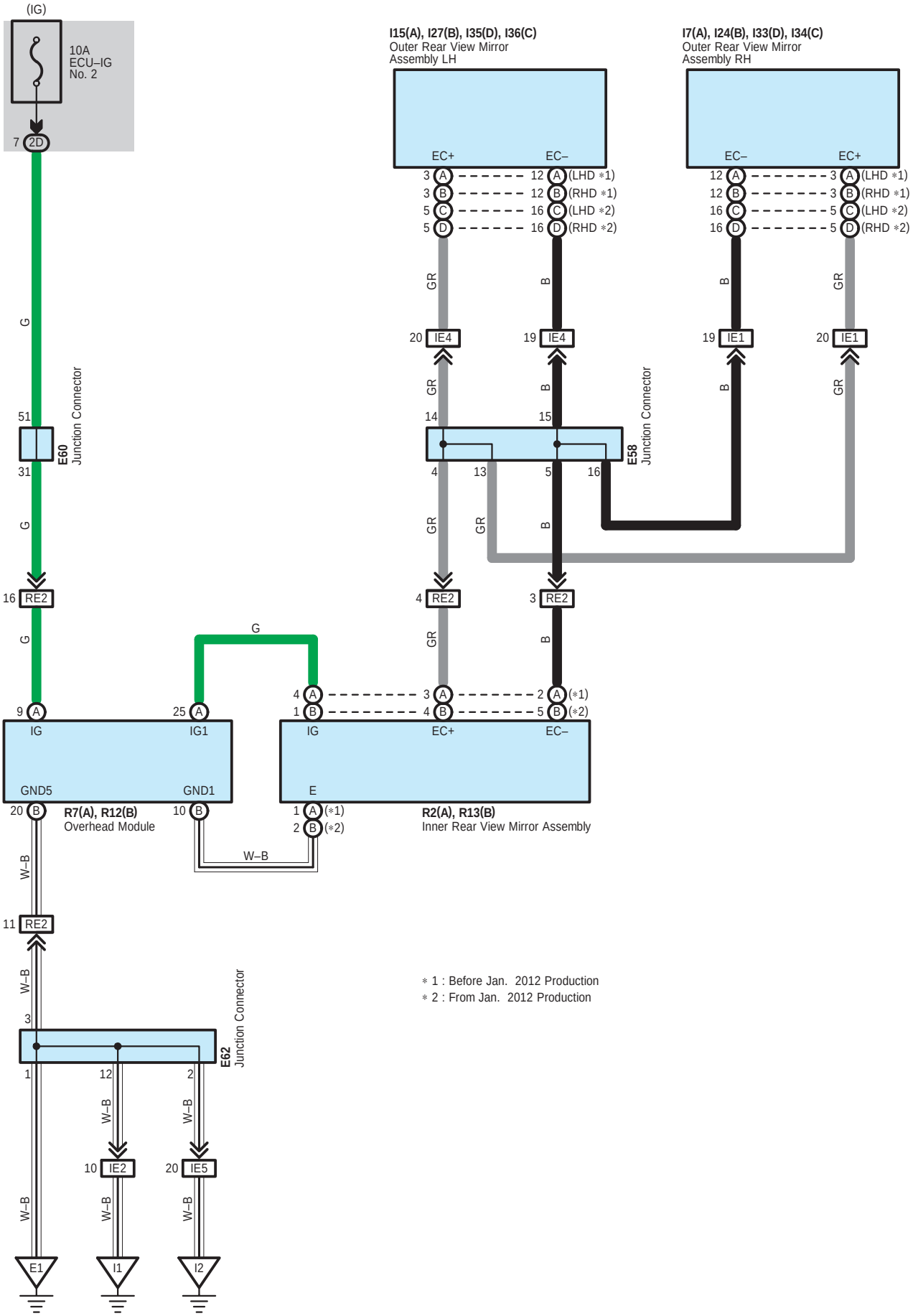



NK1

White

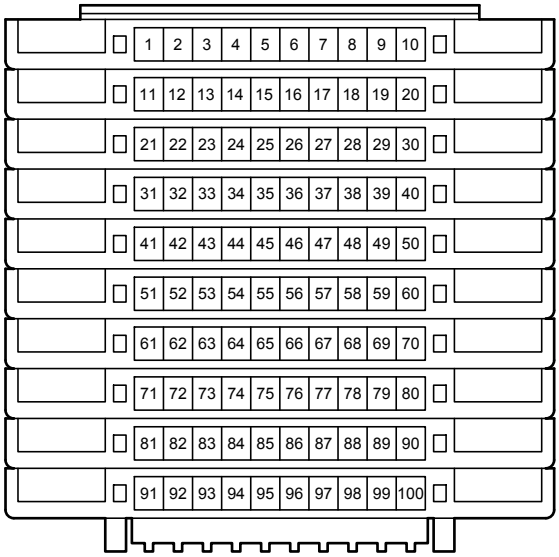


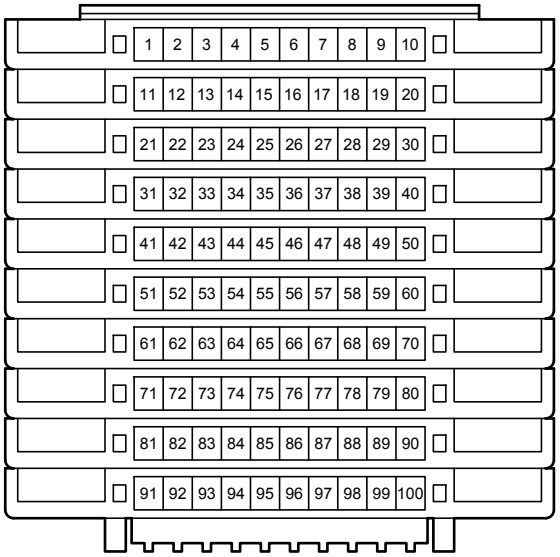



* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production

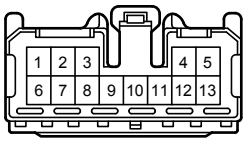
E 58
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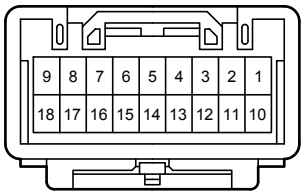

E 60
White



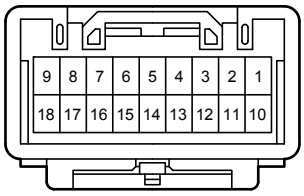

E 62
White



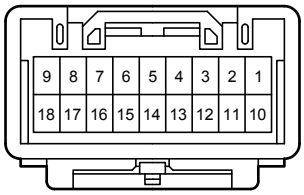

I 7
White



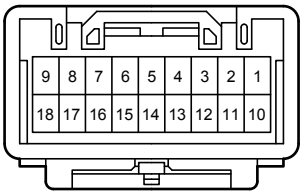

I 15
White



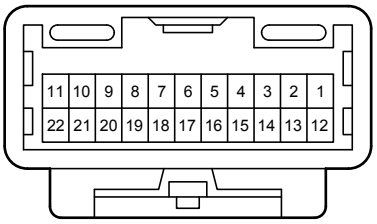

I 24
White



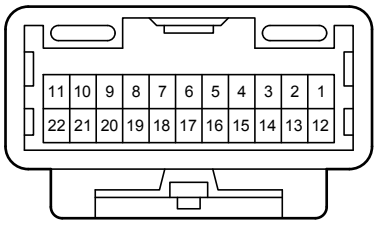

I 27
White



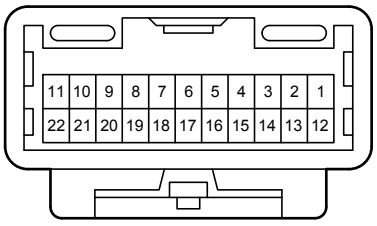

I 33
White



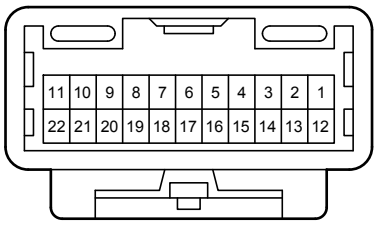

I 34
White



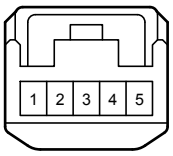

I 35
White



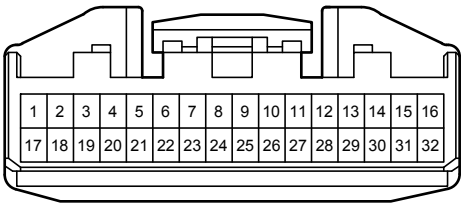

I 36
White



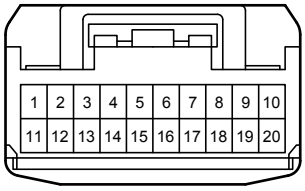

R 2
White



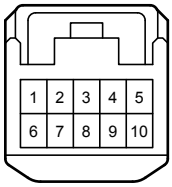

R 7
White



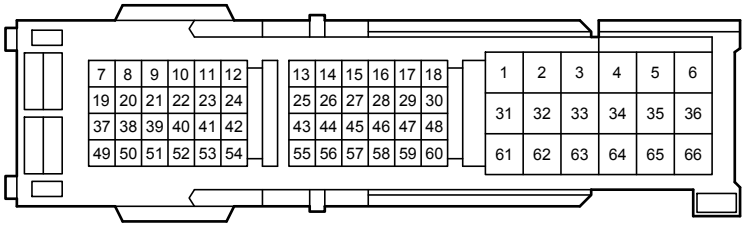
R 12
White



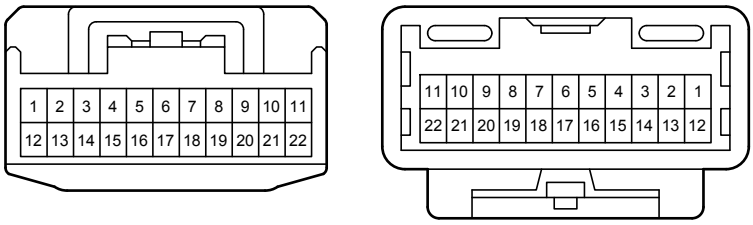

R 13
White



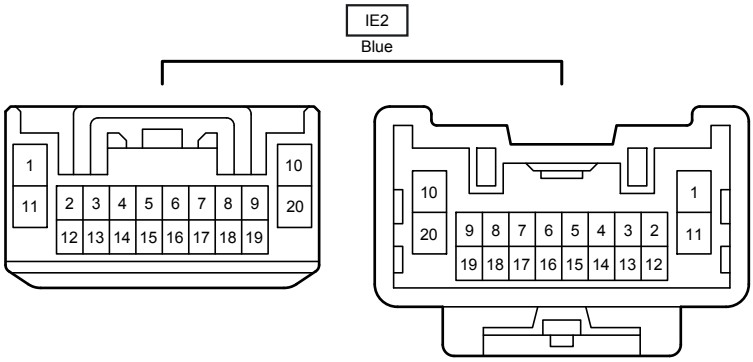

2D
White



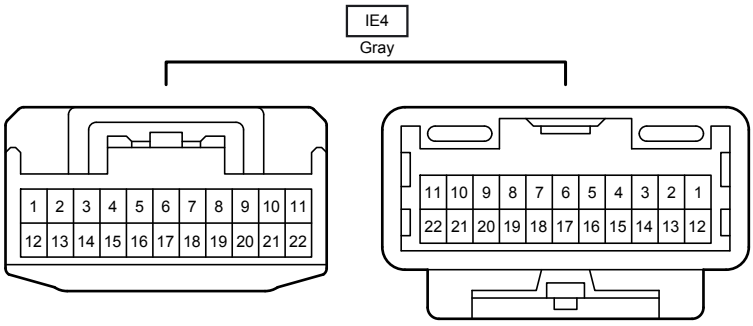

IE1
Gray

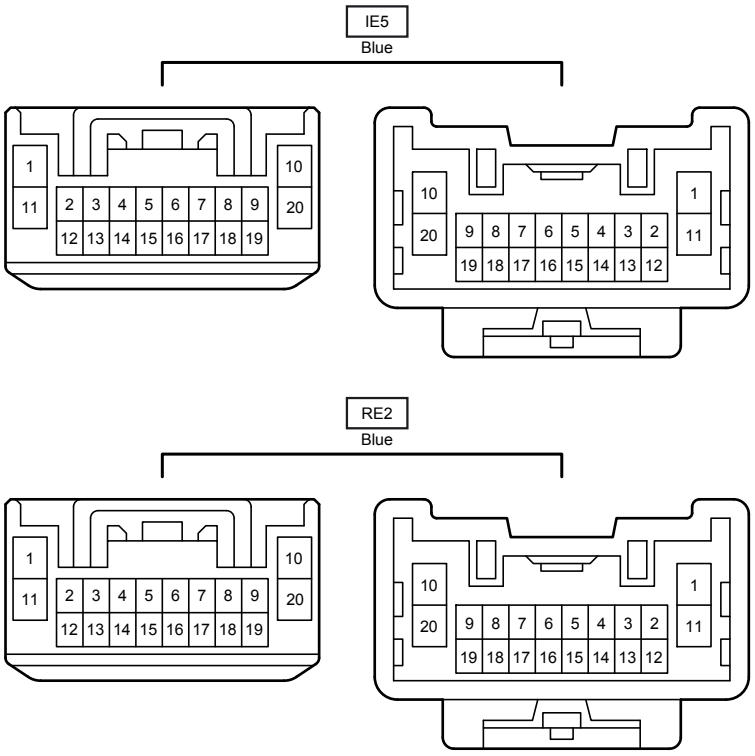



IE2
Blue

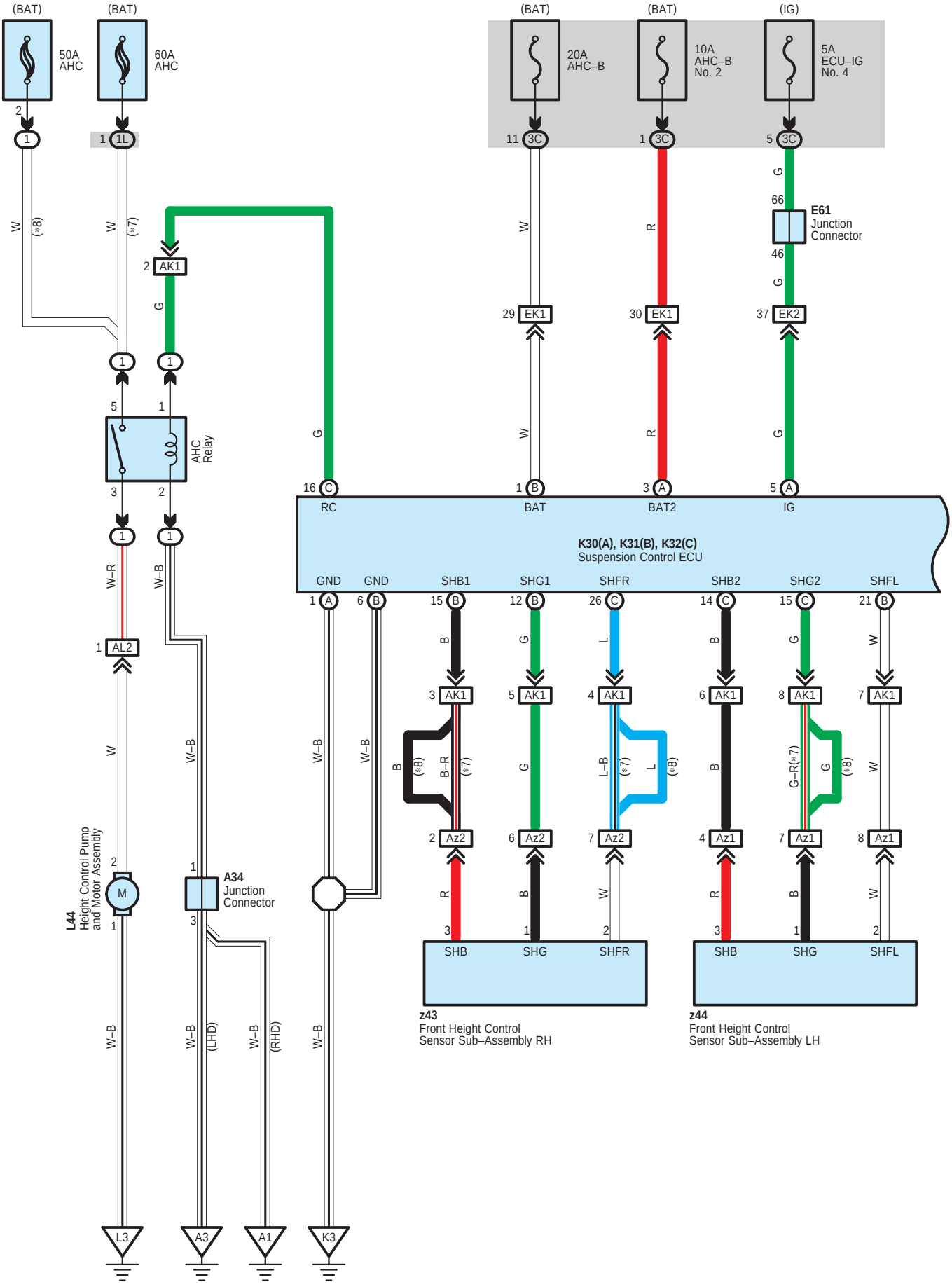



IE4
Gray

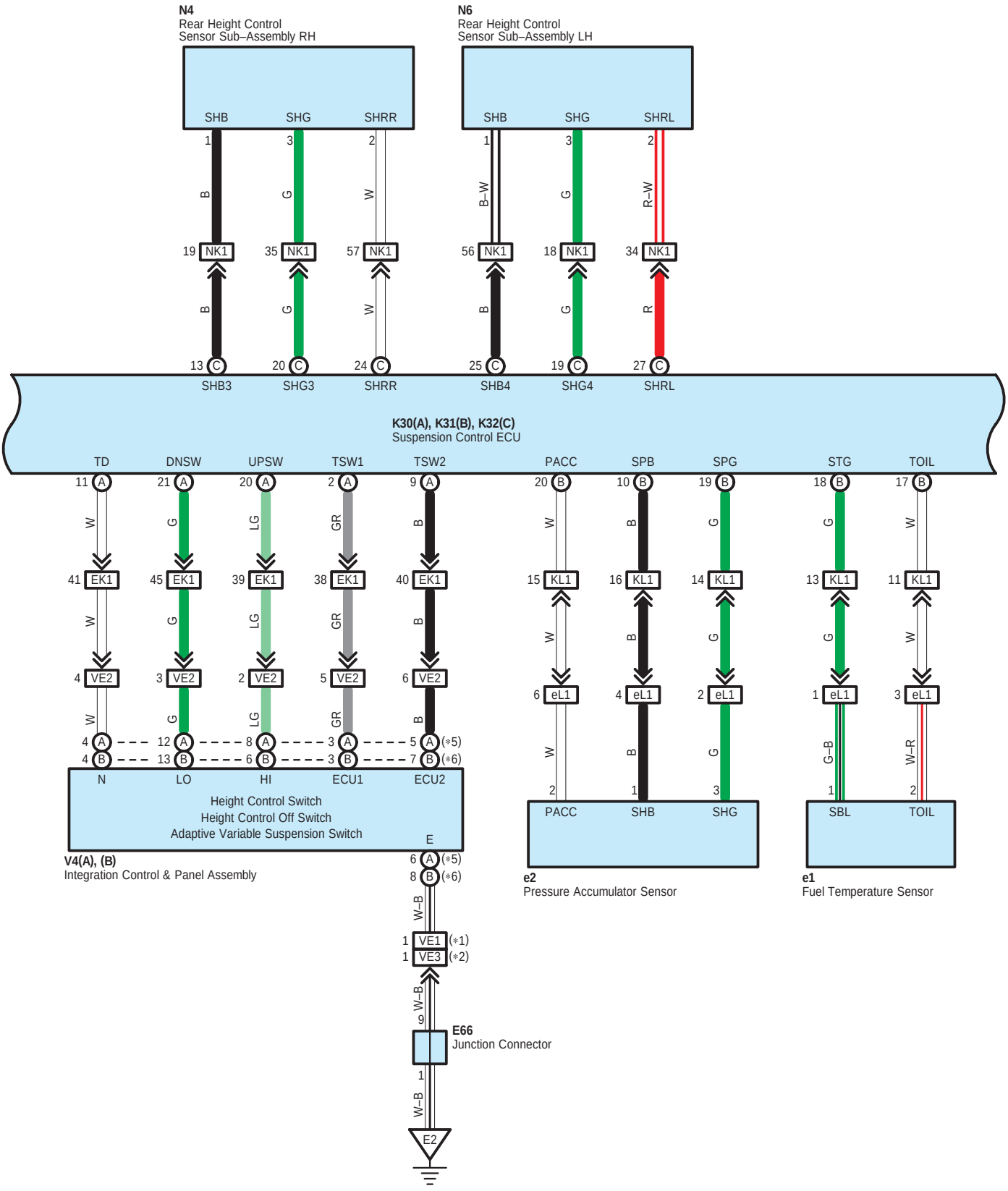


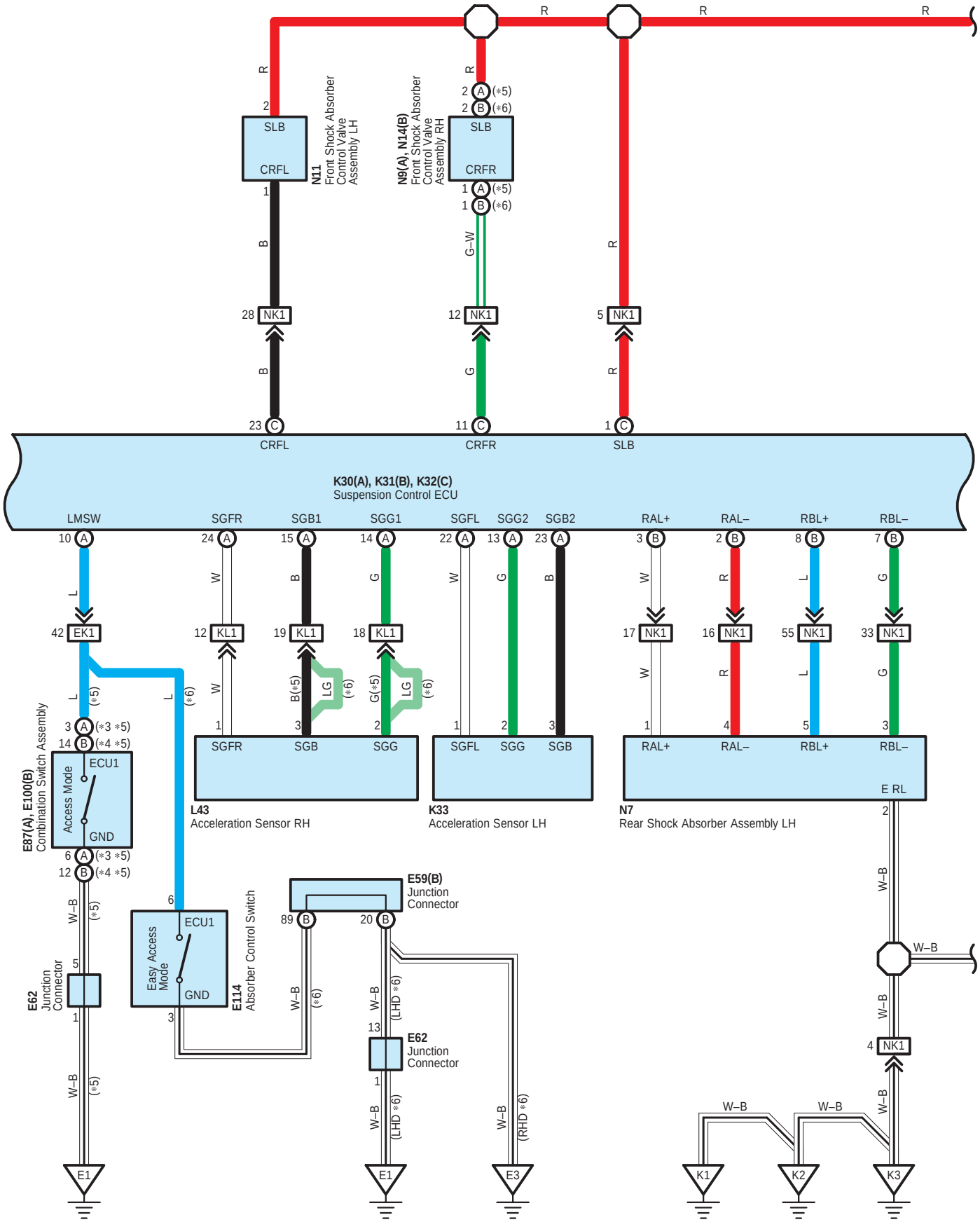

IE5
Blue
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11

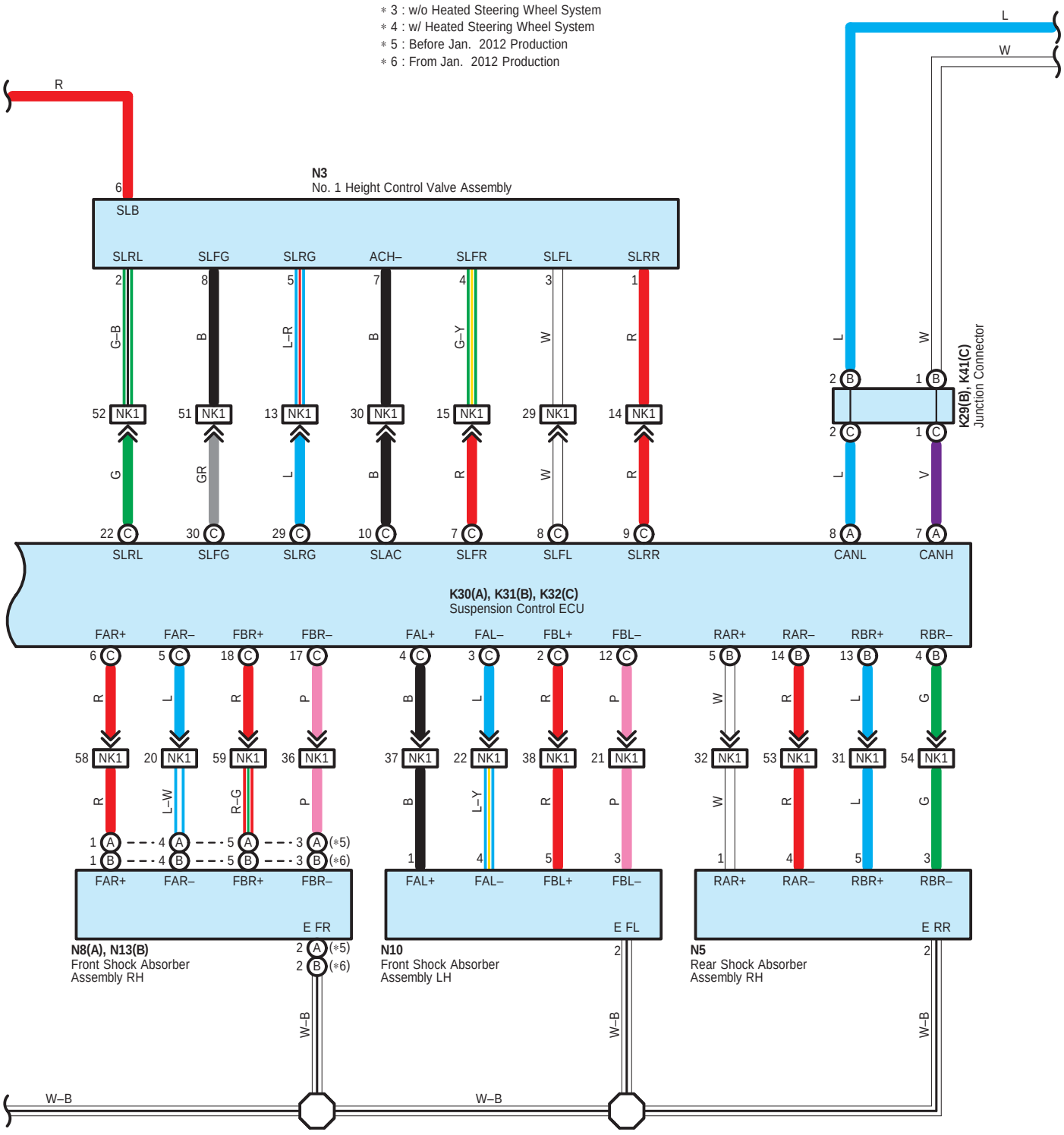

RE2
Blue
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11

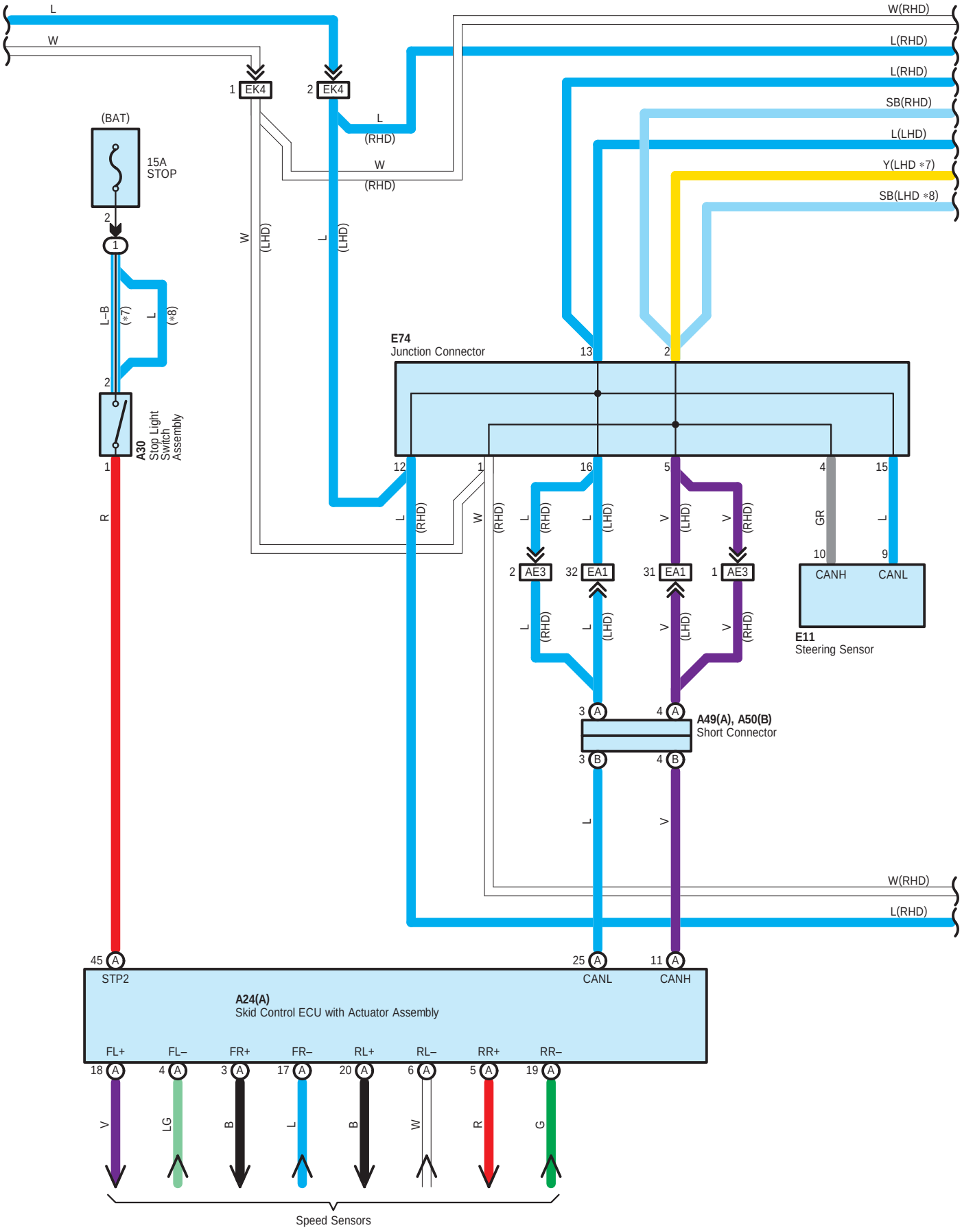

(BAT)
(BAT)
50A
AHC
60A
AHC
(BAT)
(BAT)
(IG)
20A
AHC–B
10A
AHC–B
No. 2
5A
ECU–IG
No. 4
AHC
Relay
E61
Junction
Connector
A34
Junction
Connector
L44
Height Control Pump
and Motor Assembly
K30(A), K31(B), K32(C)
Suspension Control ECU
RC
BAT
BAT2
IG
GND
GND
SHB1
SHG1
SHFR
SHB2
SHG2
SHFL
z43
Front Height Control
Sensor Sub–Assembly RH
z44
Front Height Control
Sensor Sub–Assembly LH
L3
A3
A1
K3
(LHD)
(RHD)

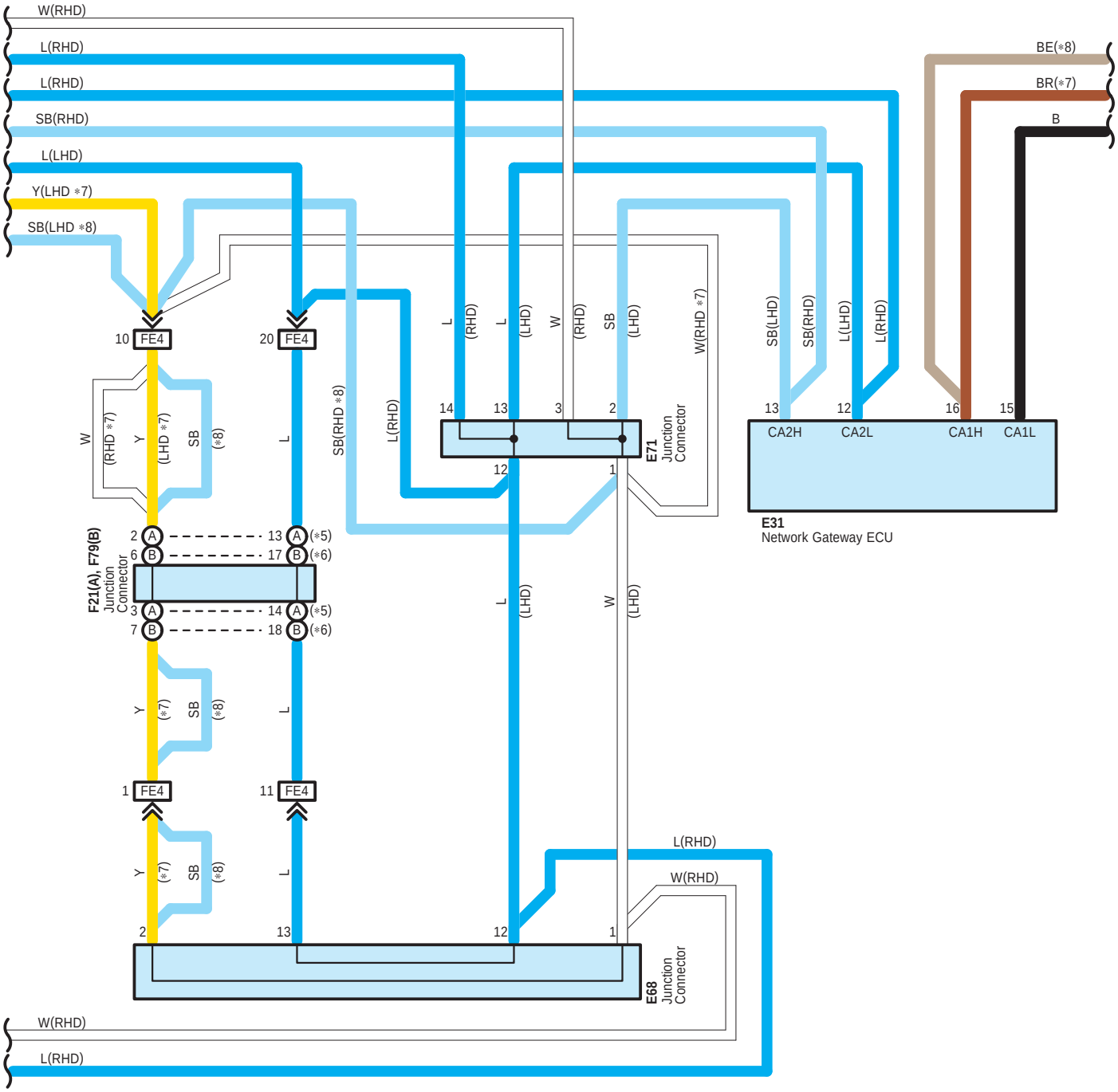
∗ 1 : Before Jul. 2009 Production
∗ 2 : From Jul. 2009 Production
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 7 : Before Jan. 2013 Production
∗ 8 : From Jan. 2013 Production



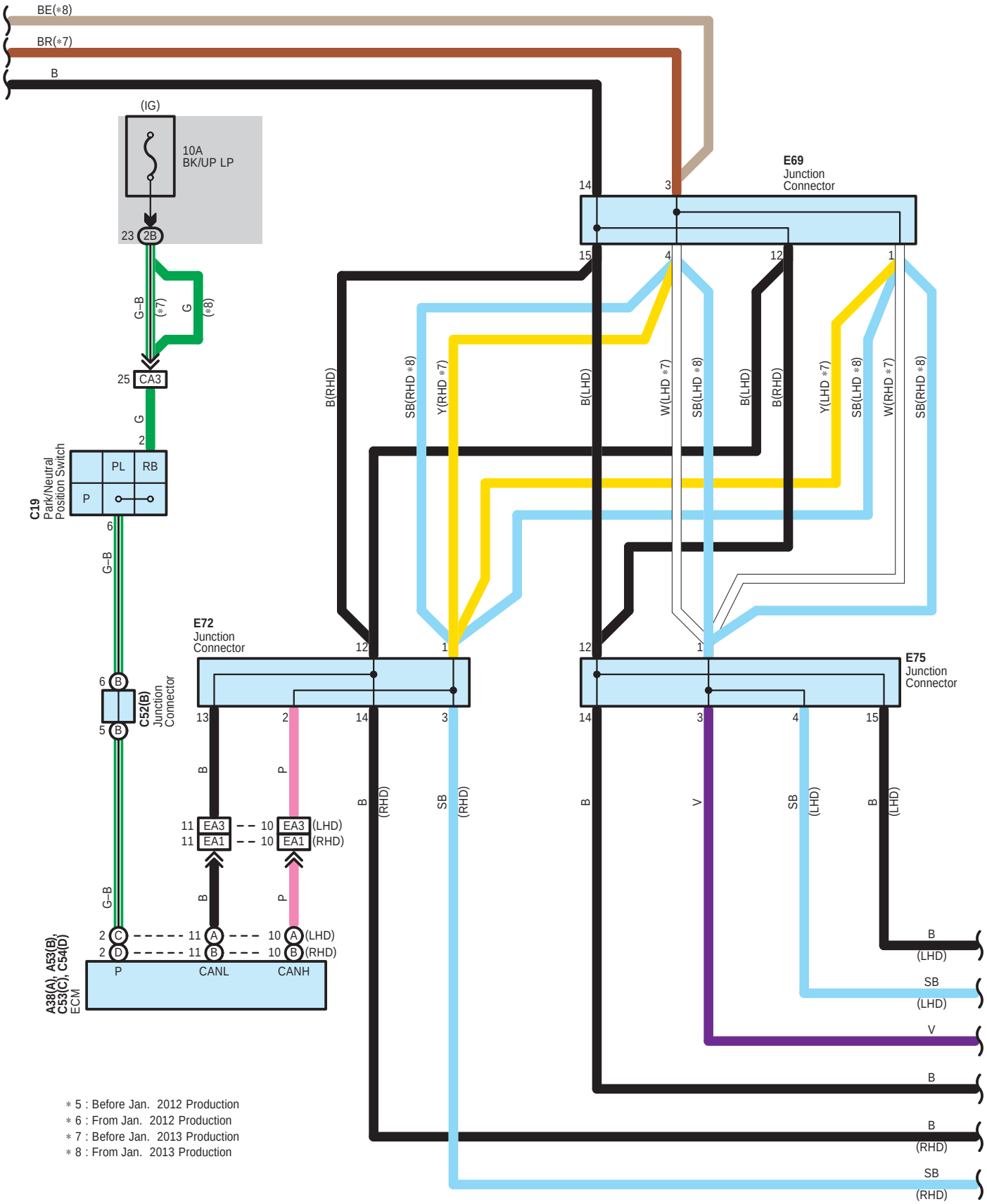

R
R
R
N11
Front Shock Absorber Control Valve Assembly LH
N9(A), N14(B)
Front Shock Absorber Control Valve Assembly RH
SLB
CRFL
CRFR
NK1
G–W
B
G
R
CRFL
CRFR
SLB
K30(A), K31(B), K32(C)
Suspension Control ECU
LMSW
SGFR
SGB1
SGG1
SGFL
SGG2
SGB2
RAL+
RAL–
RBL+
RBL–
EK1
KL1
L43
Acceleration Sensor RH
K33
Acceleration Sensor LH
N7
Rear Shock Absorber Assembly LH
E87(A), E100(B)
Combination Switch Assembly
Access Mode
ECU1
GND
E62
Junction Connector
E114
Absorber Control Switch
Easy Access Mode
E59(B)
Junction Connector
W–B
LG
L
E1
E3
K1
K2
K3
(*5)
(*6)
(LHD *6)
(RHD *6)


∗ 3 : w/o Heated Steering Wheel System
∗ 4 : w/ Heated Steering Wheel System
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
R
L
W
N3
No. 1 Height Control Valve Assembly
SLB
SLRL SLFG SLRG ACH– SLFR SLFL SLRR
G–B B L–R B G–Y W R
G GR L B R W R
SLRL SLFG SLRG SLAC SLFR SLFL SLRR
K29(B), K41(C)
Junction Connector
CANL CANH
K30(A), K31(B), K32(C)
Suspension Control ECU
FAR+ FAR– FBR+ FBR– FAL+ FAL– FBL+ FBL– RAR+ RAR– RBR+ RBR–
R L R P B L R P W R L G
R L–W R–G P B L–Y R P W R L G
FAR+ FAR– FBR+ FBR– FAL+ FAL– FBL+ FBL– RAR+ RAR– RBR+ RBR–
E FR
E FL
E RR
N8(A), N13(B)
Front Shock Absorber
Assembly RH
N10
Front Shock Absorber
Assembly LH
N5
Rear Shock Absorber
Assembly RH
W–B
W–B
W–B
W–B

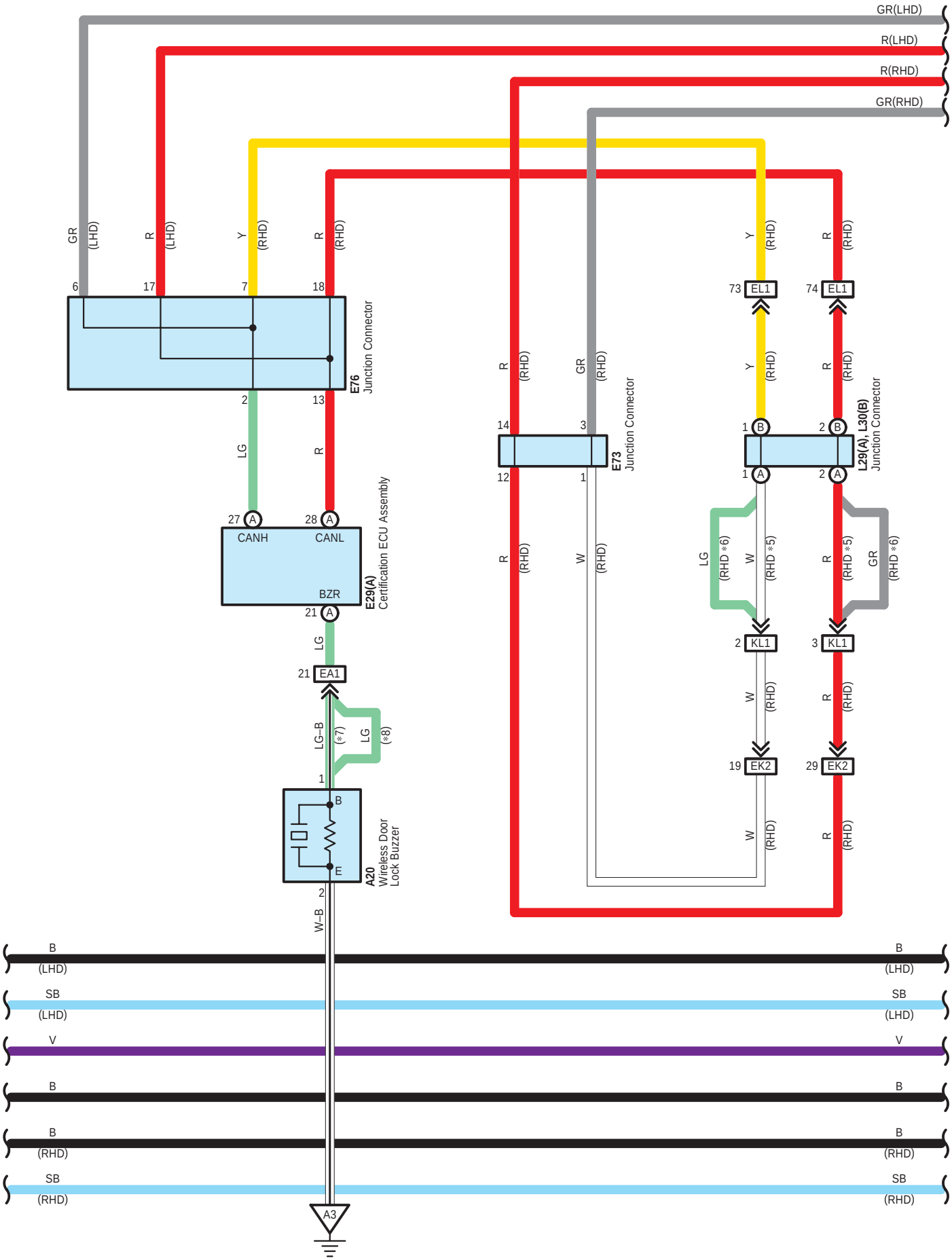

L
W
1 EK4
2 EK4
W(RHD)
L(RHD)
L(RHD)
SB(RHD)
L(LHD)
Y(LHD ∗7)
SB(LHD ∗8)
L (RHD)
W (RHD)
(BAT)
15A STOP
2
1
W (LHD)
L (LHD)
L–B (∗7)
L (∗8)
2
A30 Stop Light Switch Assembly
1
R
E74 Junction Connector
13
2
12
1
16
5
4
15
L (RHD)
W (RHD)
L (RHD)
L (LHD)
V (LHD)
V (RHD)
GR
L
2 AE3
32 EA1
31 EA1
1 AE3
10
9
CANH
CANL
E11 Steering Sensor
3 A
4 A
A49(A), A50(B) Short Connector
3 B
4 B
L
V
W(RHD)
L(RHD)
45 A
STP2
25 A
CANL
11 A
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

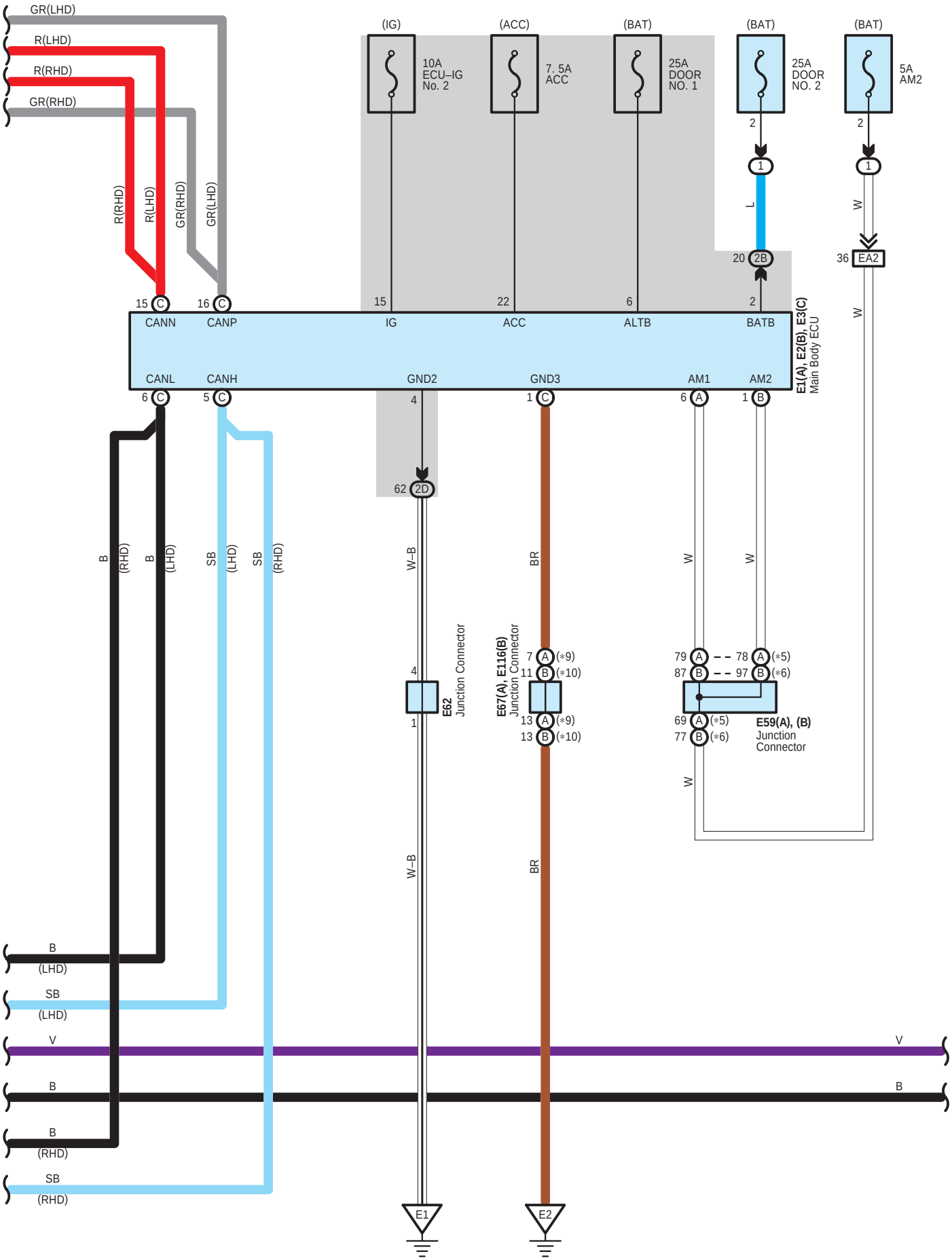


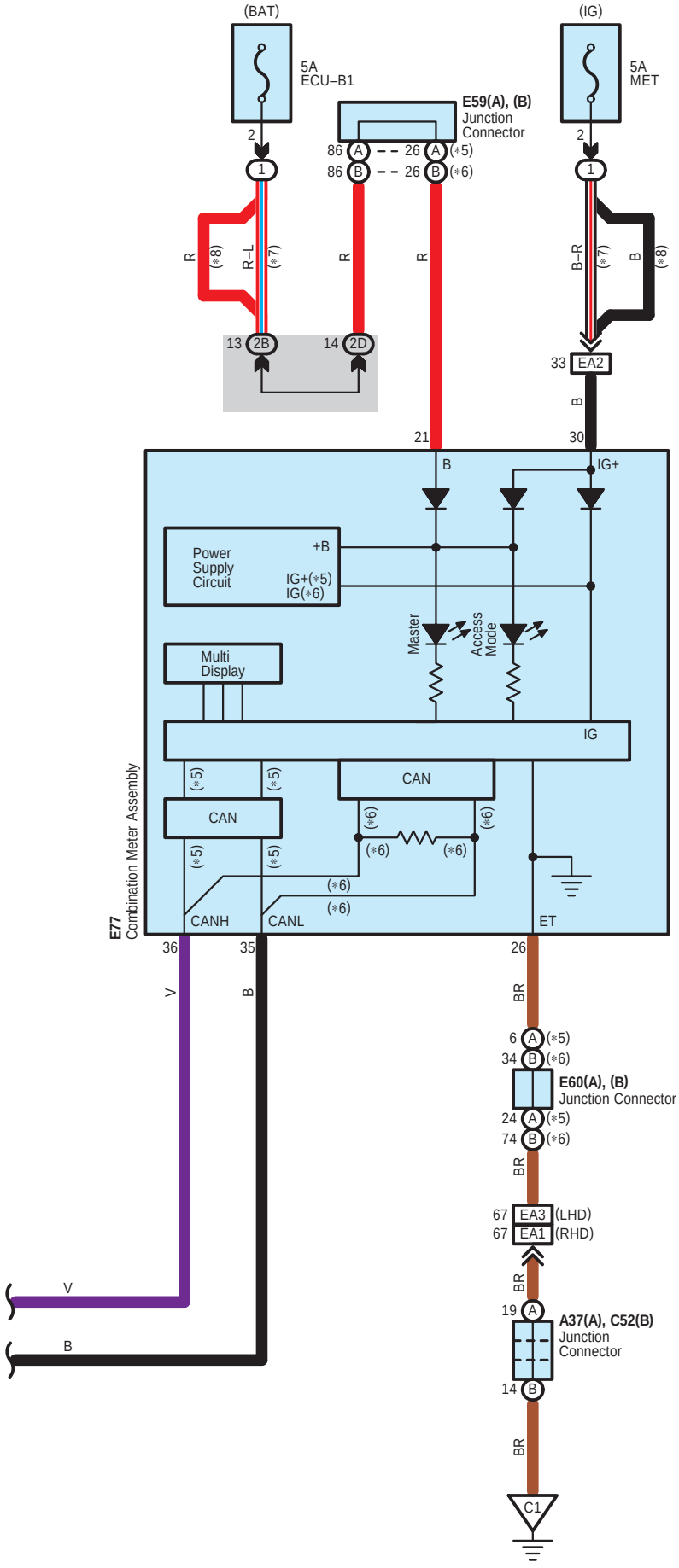

∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 7 : Before Jan. 2013 Production
∗ 8 : From Jan. 2013 Production




* 5 : Before Jan. 2012 Production
* 6 : From Jan. 2012 Production
* 7 : Before Jan. 2013 Production
* 8 : From Jan. 2013 Production

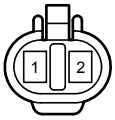

GR(LHD)
R(LHD)
R(RHD)
GR(RHD)
E76 Junction Connector
E29(A) Certification ECU Assembly
CANH
CANL
BZR
E73 Junction Connector
L29(A), L30(B) Junction Connector
A20 Wireless Door Lock Buzzer
EL1
KL1
EK2
EA1
A3


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
2
1
L
20 2B
2
1
W
36 EA2
W
15 C
CANN
16 C
CANP
15
IG
22
ACC
6
ALTB
2
BATB
E1(A), E2(B), E3(C)
Main Body ECU
CANL
CANH
GND2
GND3
AM1
AM2
6 C
5 C
4
1 C
6 A
1 B
B (RHD)
B (LHD)
SB (LHD)
SB (RHD)
62 2D
W–B
BR
W
W
4
1
E62
Junction Connector
E67(A), E116(B)
Junction Connector
7 A (*9)
11 B (*10)
13 A (*9)
13 B (*10)
79 A – – 78 A (*5)
87 B – – 97 B (*6)
69 A (*5)
77 B (*6)
E59(A), (B)
Junction
Connector
W
W–B
BR
B
(LHD)
SB
(LHD)
V
V
B
B
B
(RHD)
SB
(RHD)
E1
E2

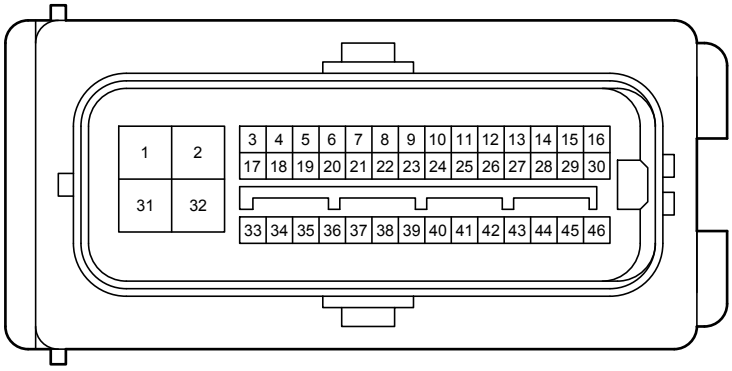



∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 7 : Before Jan. 2013 Production
∗ 8 : From Jan. 2013 Production
∗ 9 : RHD, LHD Before Aug. 2013 Production
∗10 : LHD From Aug. 2013 Production

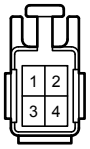
A 20
Black



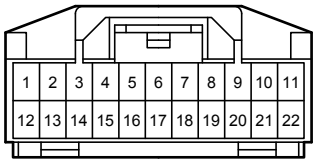

A 24
Black



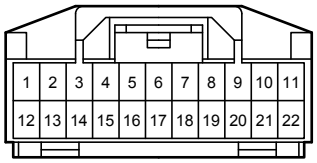

A 30
Gray



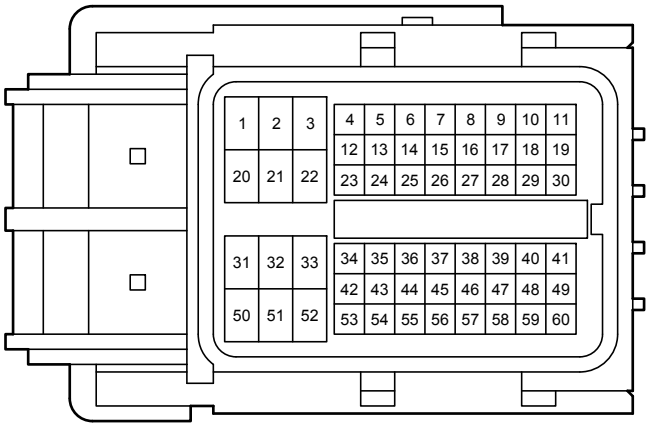

A 34
White




A 37
Blue




A 38
Black



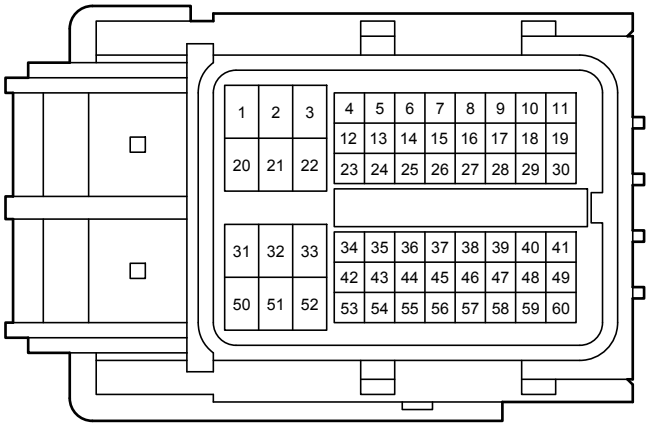

A 49
Gray



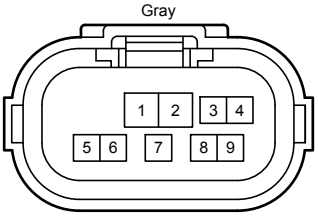

A 50
Gray



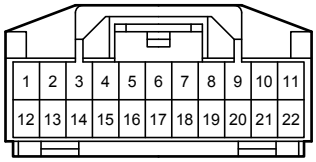

A 53
Black



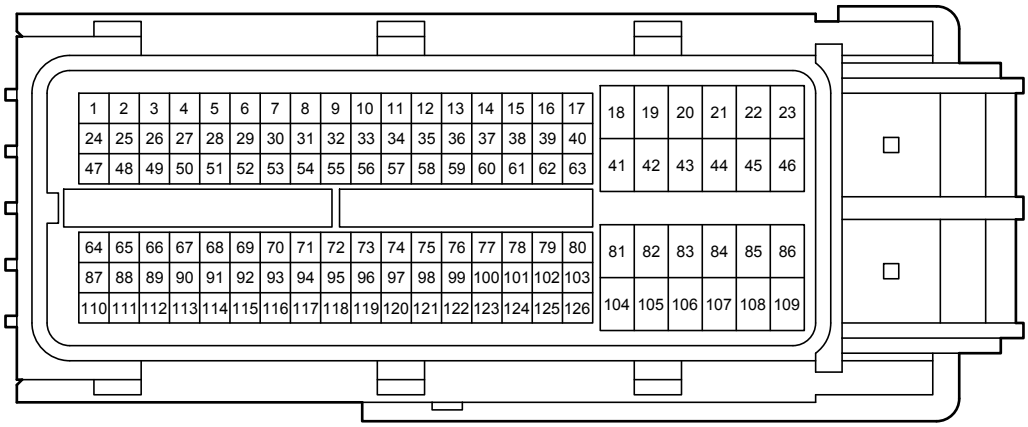

C 19
Gray



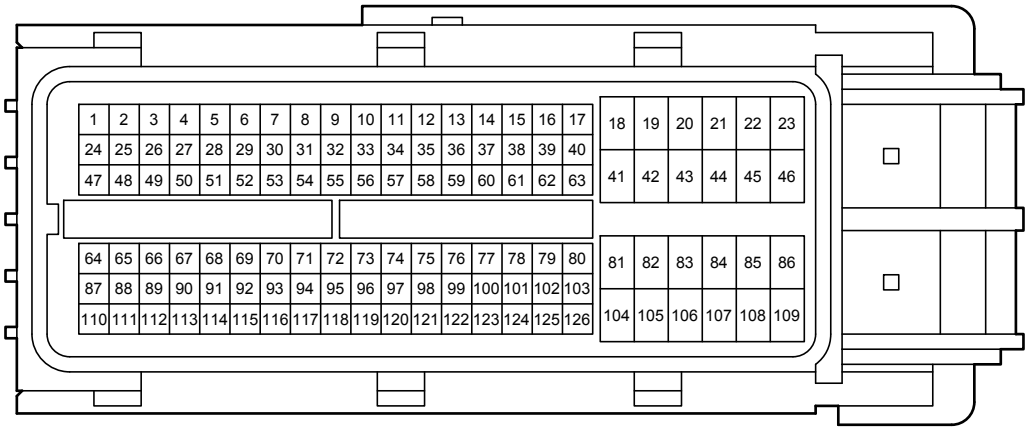
C 52
Blue



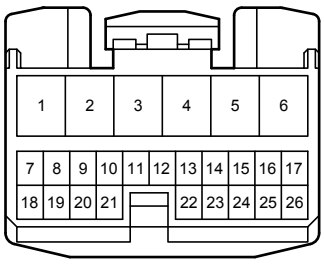

C 53
Black



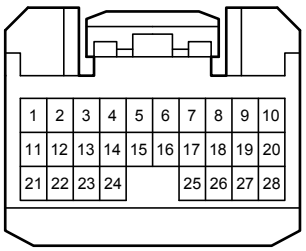

C 54
Black



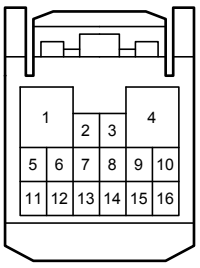

E 1
White



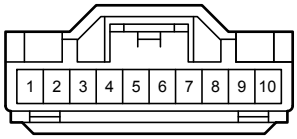

E 2
White



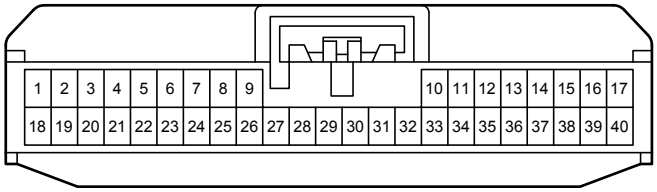

E 3
White



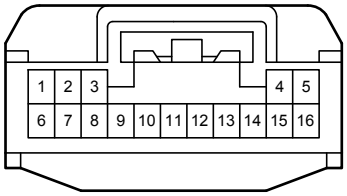
E 11
Gray



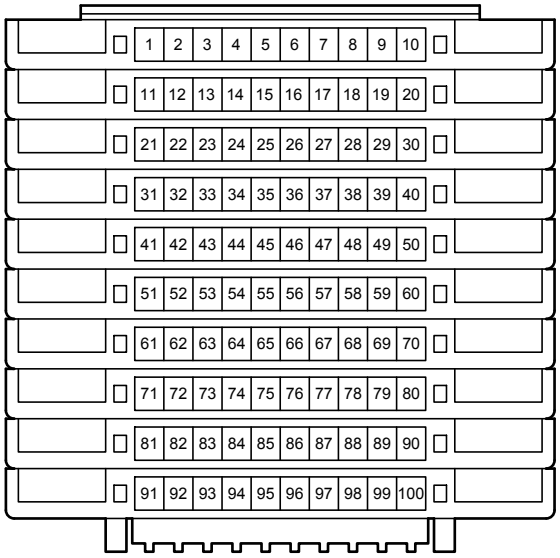

E 29
White



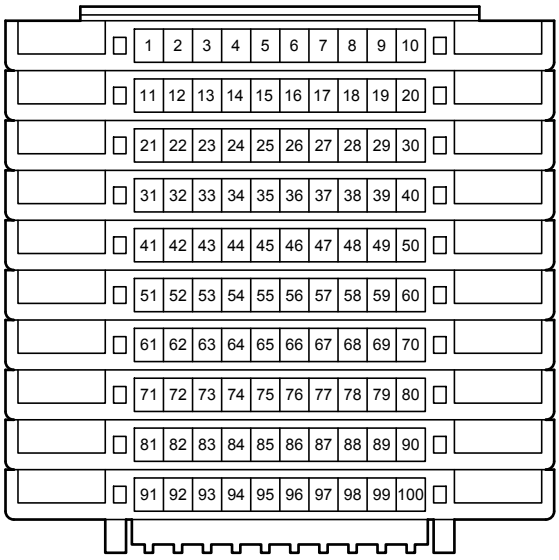

E 31
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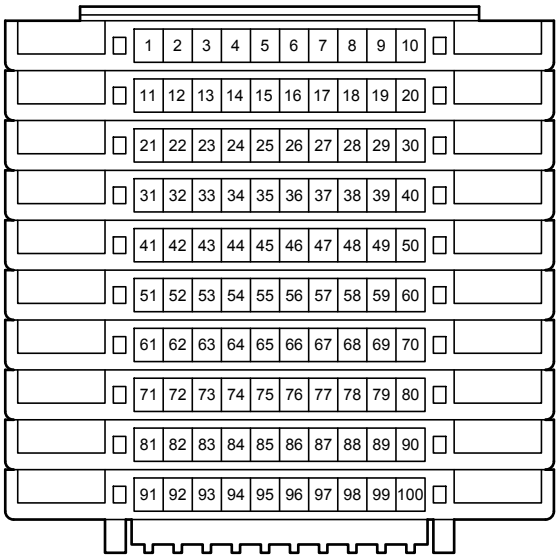

E 59
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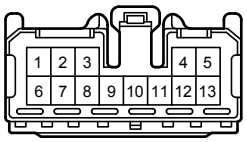

E 60
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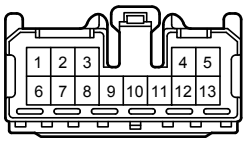

E 61
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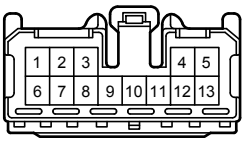

E 62
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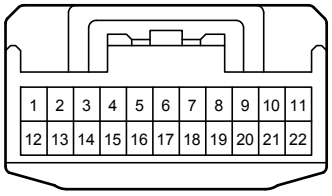

E 66
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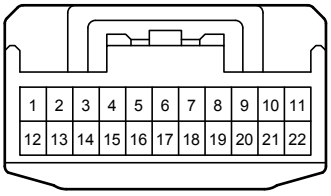

E 67
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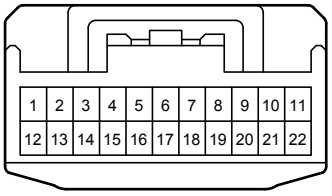
E 68
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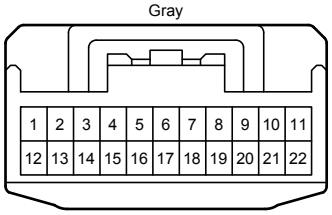

E 69
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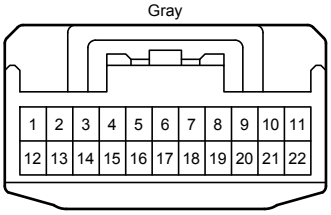

E 71
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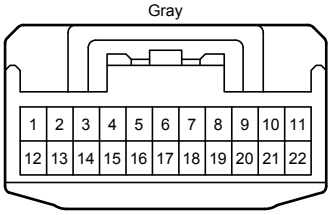

E 72
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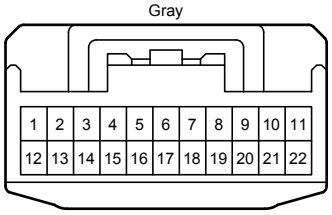

E 73
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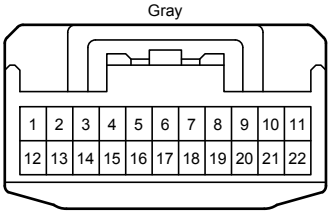

E 74
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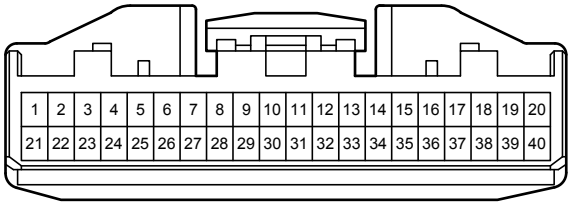

E 75
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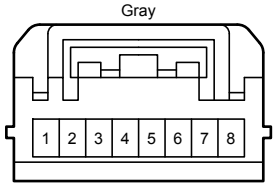

E 76
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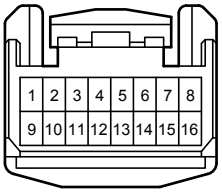

E 77
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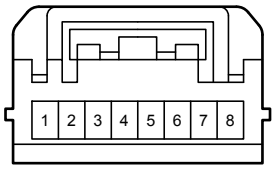

E 87
Gray



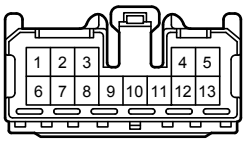

E100
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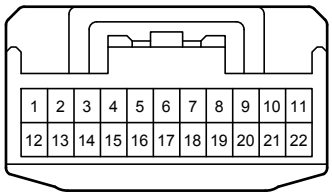

E114
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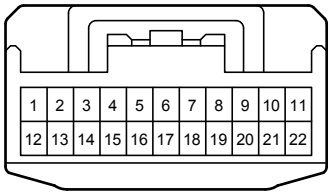

E116
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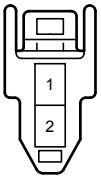

F 21
Black



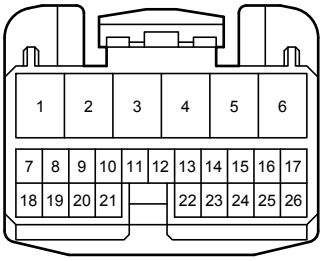

F 79
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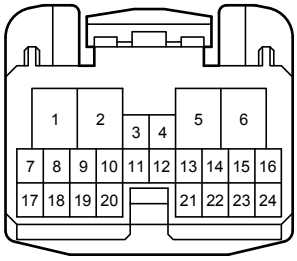

K 29
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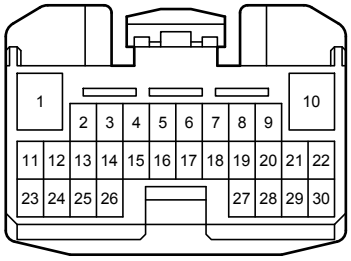

K 30
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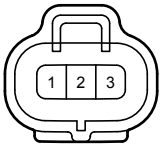
K 31
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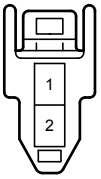

K 32
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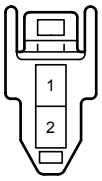

K 33
Black



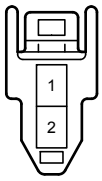

K 41
White



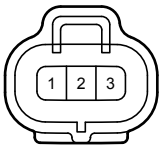

L 29
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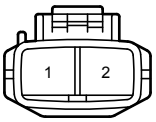

L 30
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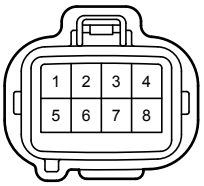

L 43
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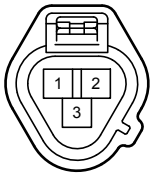

L 44
Black



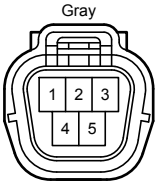

N 3
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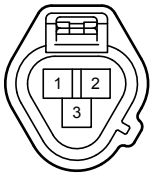

N 4
Black



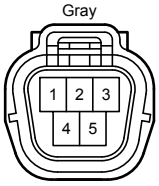

N 5
Gray



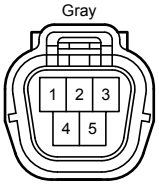

N 6
Black




N 7
Gray



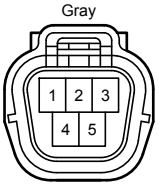

N 8
Gray




N 9
Gray



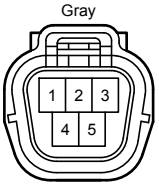

N 10
Gray




N 11
Gray



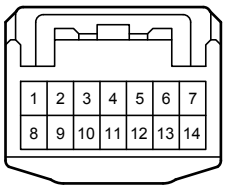

N 13
Gray




N 14
Gray



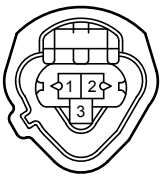

V 4
White



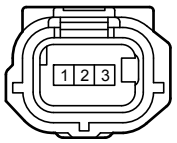

e 1
Gray



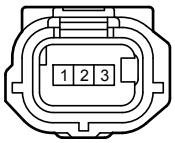

e 2
Black



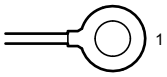

z 43
Black



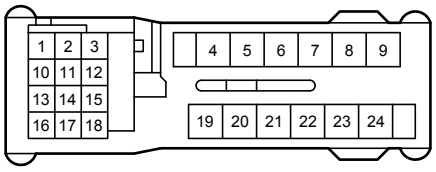

z 44
Black



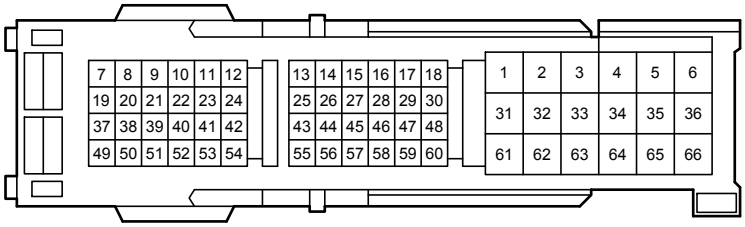

1L



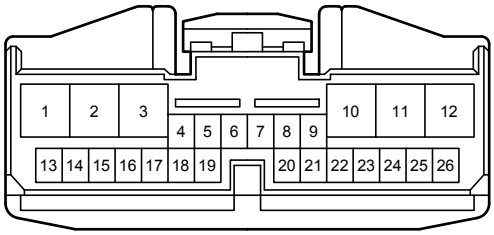

2B
White



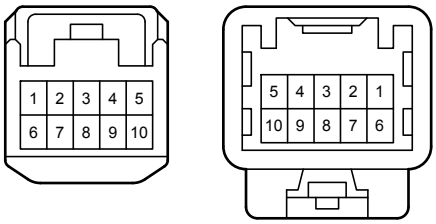
2D
White



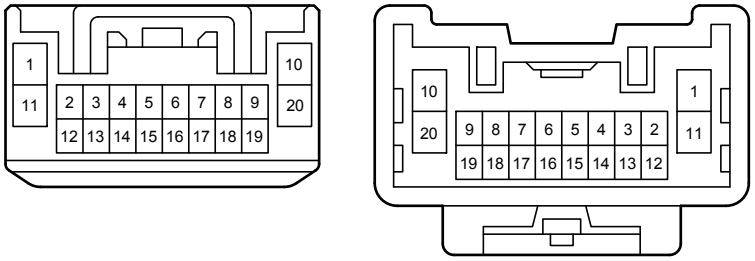

3C
White



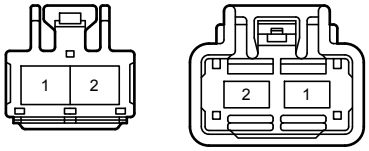

AE3
Gray



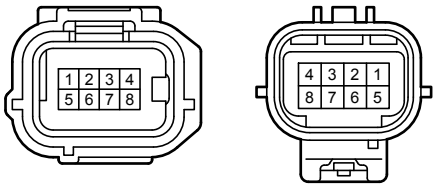

AK1
Blue



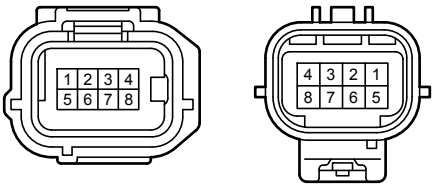

AL2
White



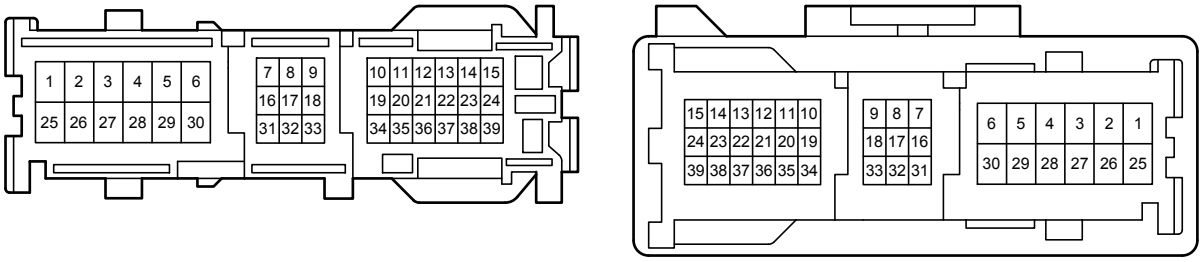

Az1
Gray




Az2
Gray

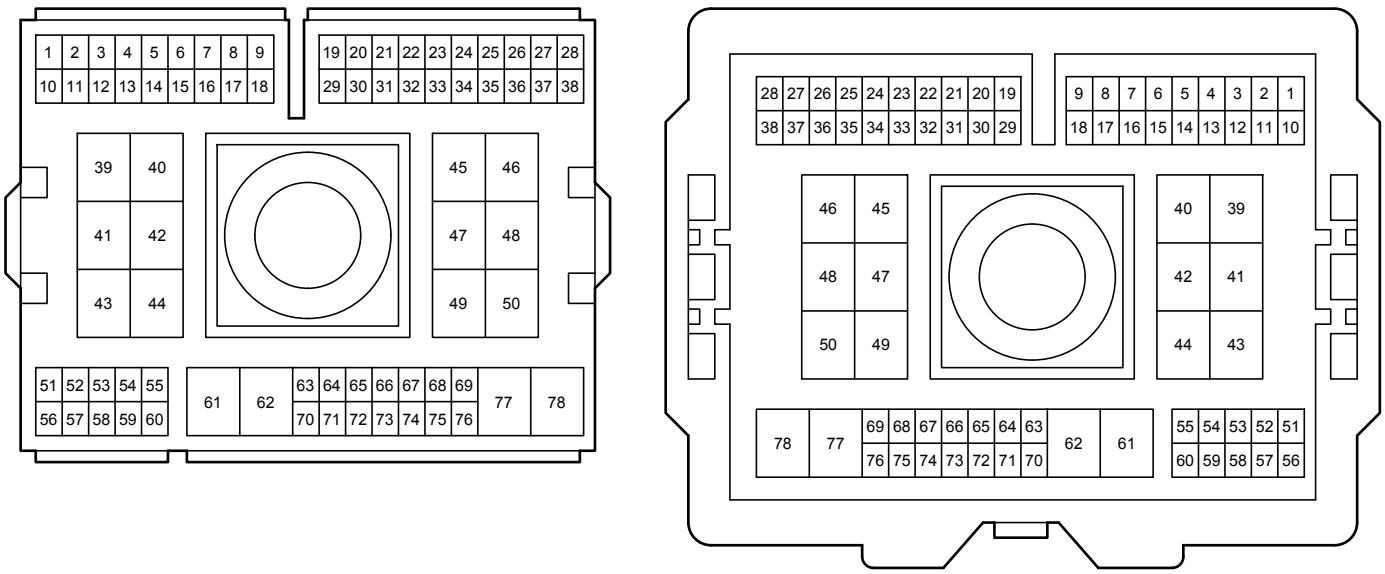



CA3
White



EA1

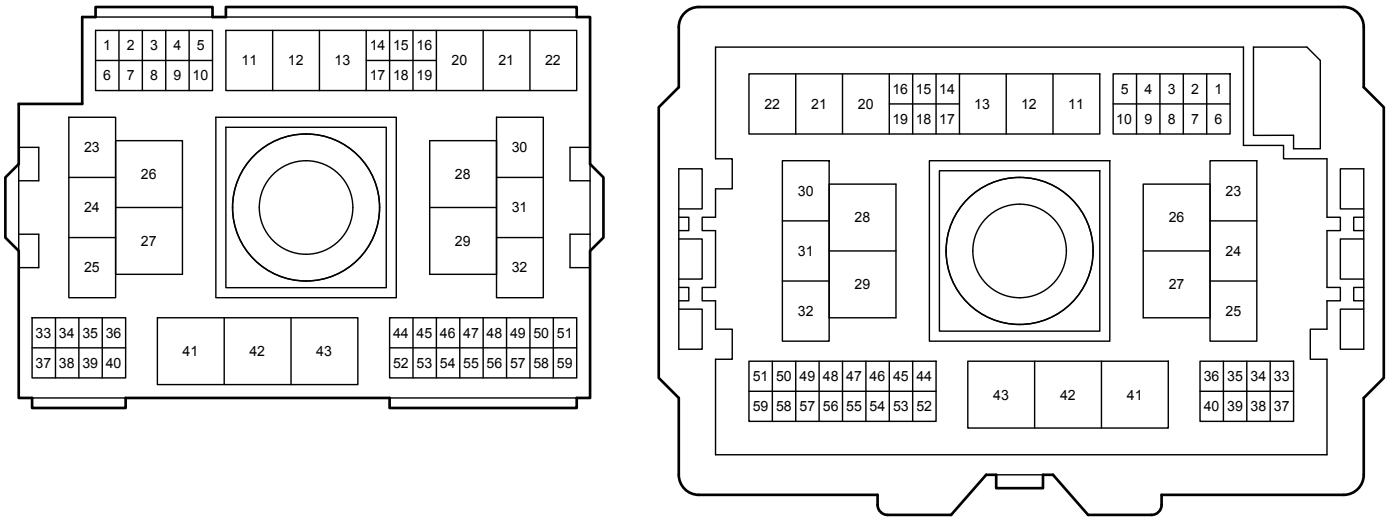
White




EA2

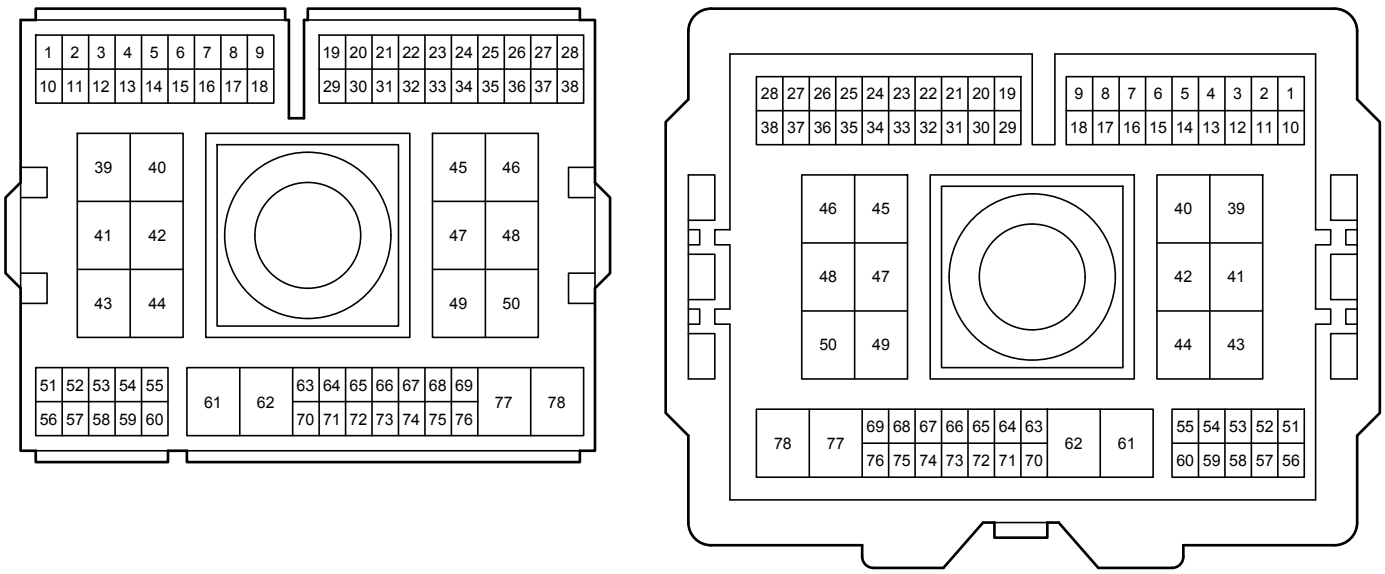
White

Gray



EA3

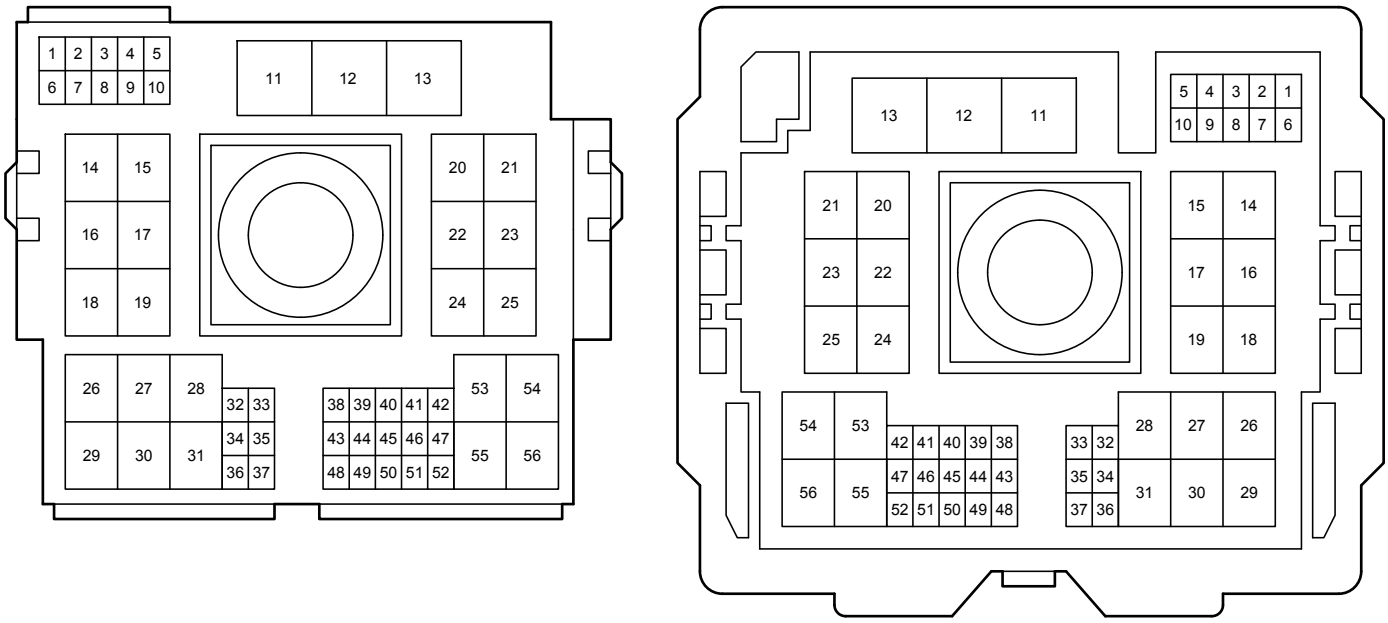
White



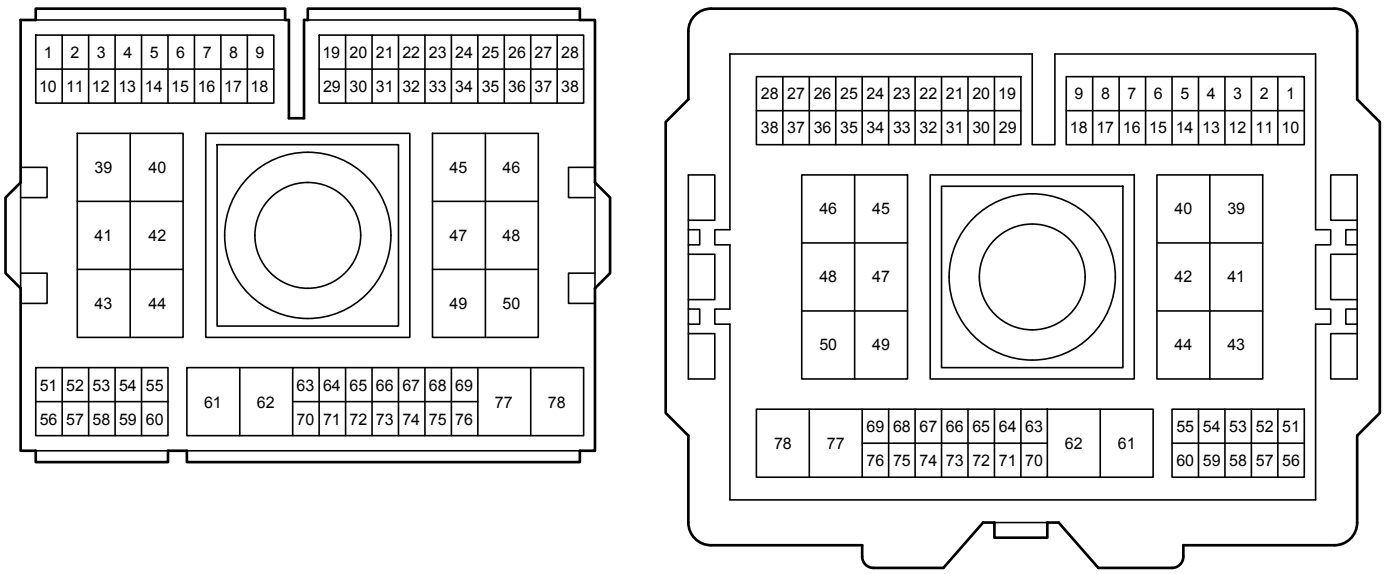

EK1

White

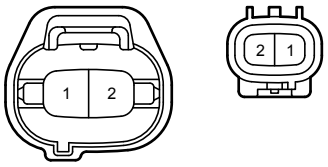
Blue



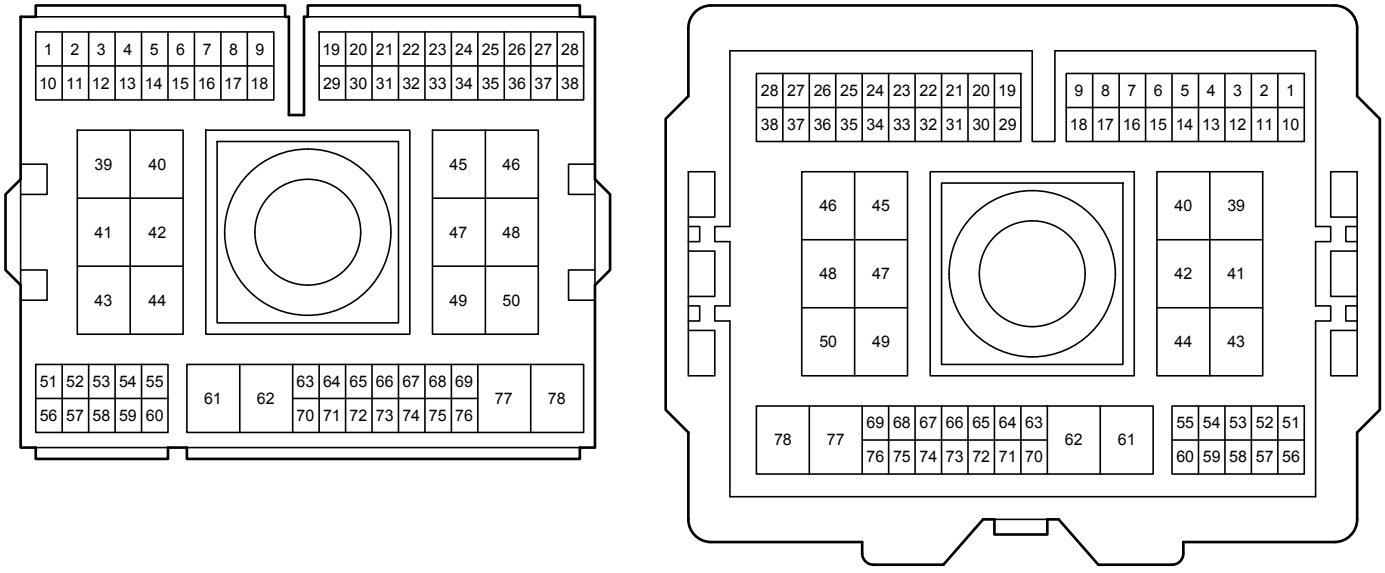
EK2
White



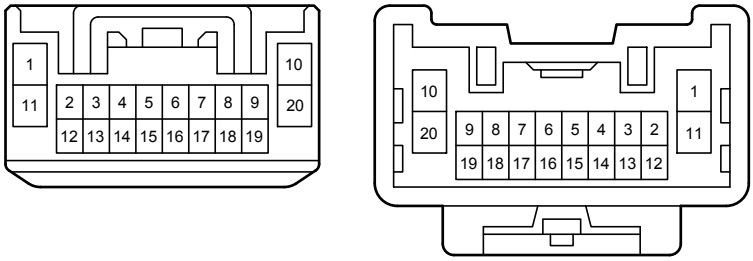

EK4
White



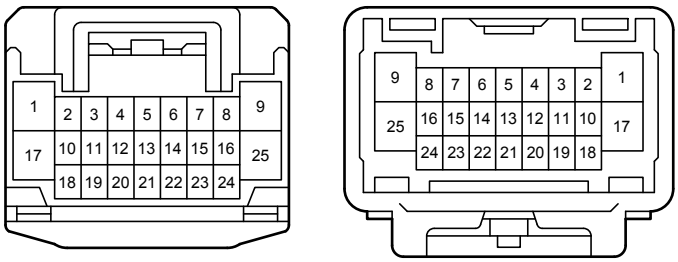

EL1
White



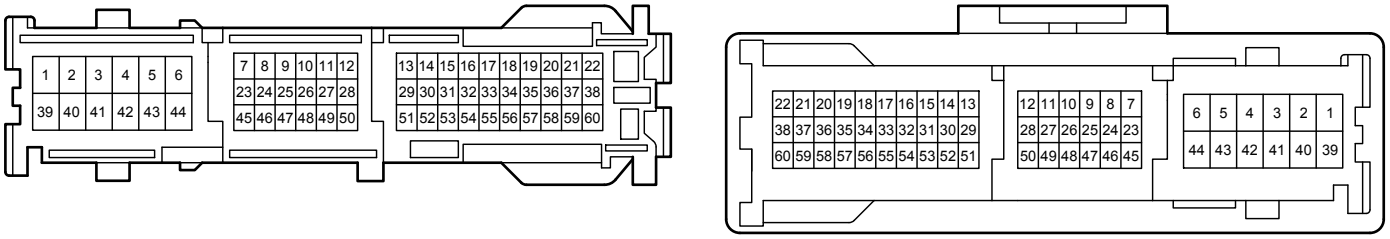
FE4
White



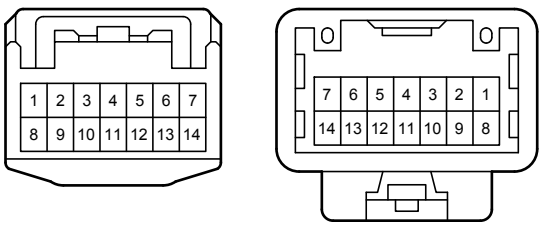

KL1
White



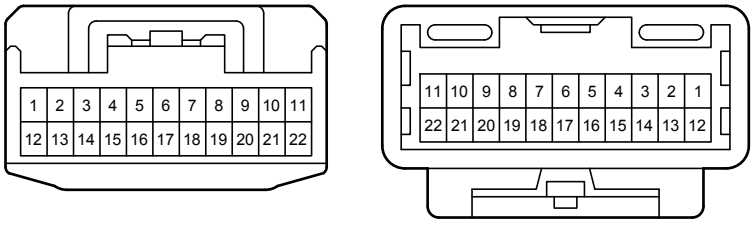

NK1
White

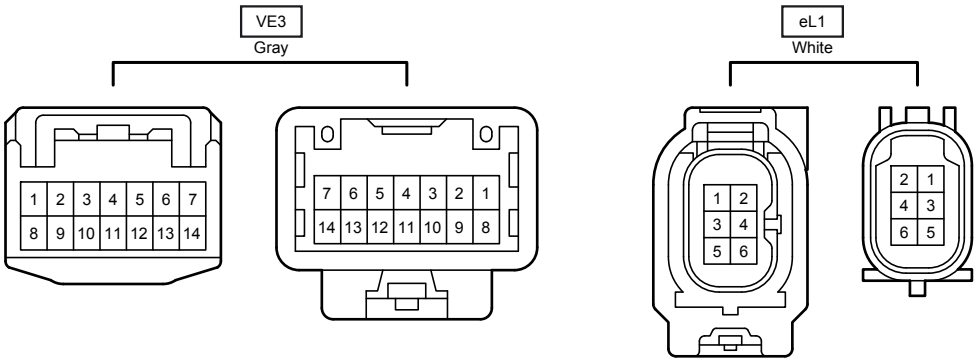


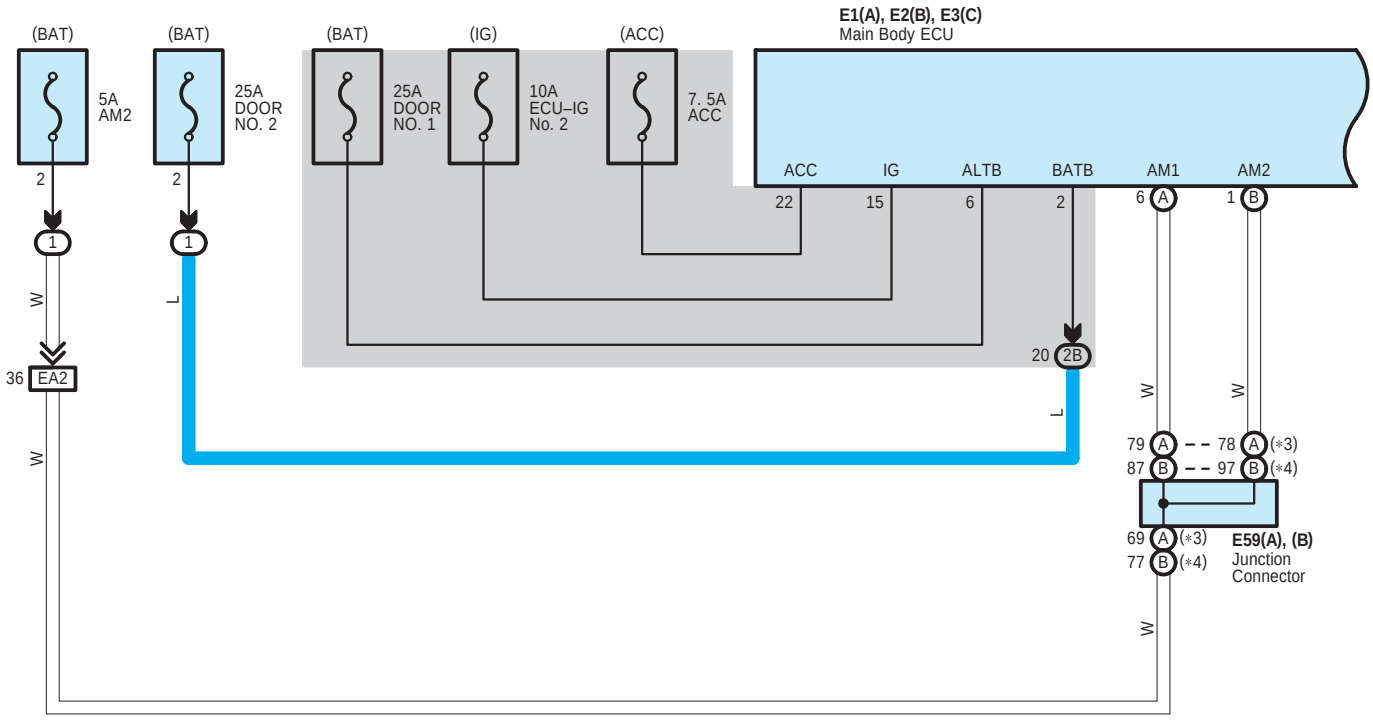

VE1
White



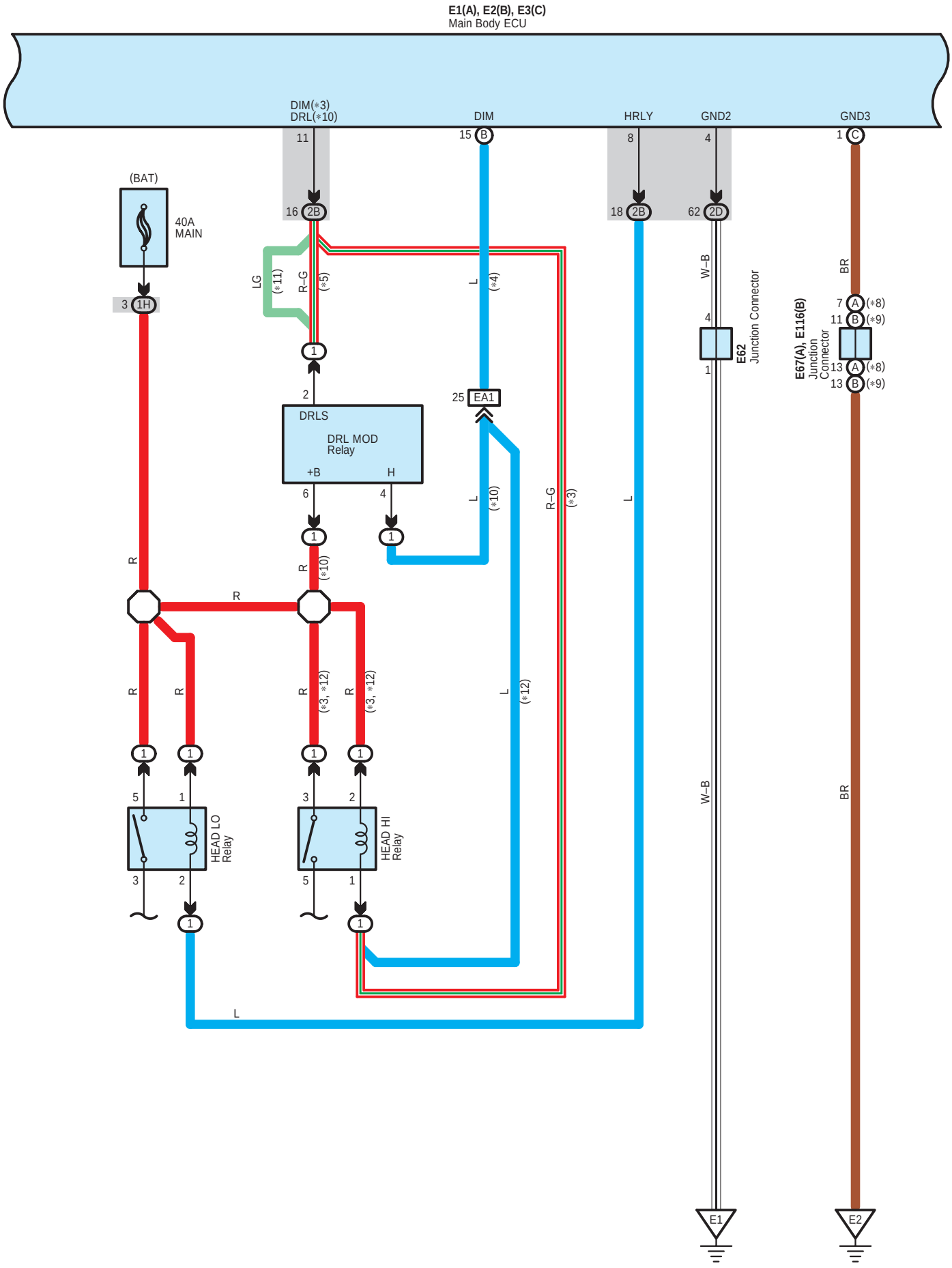

VE2
White

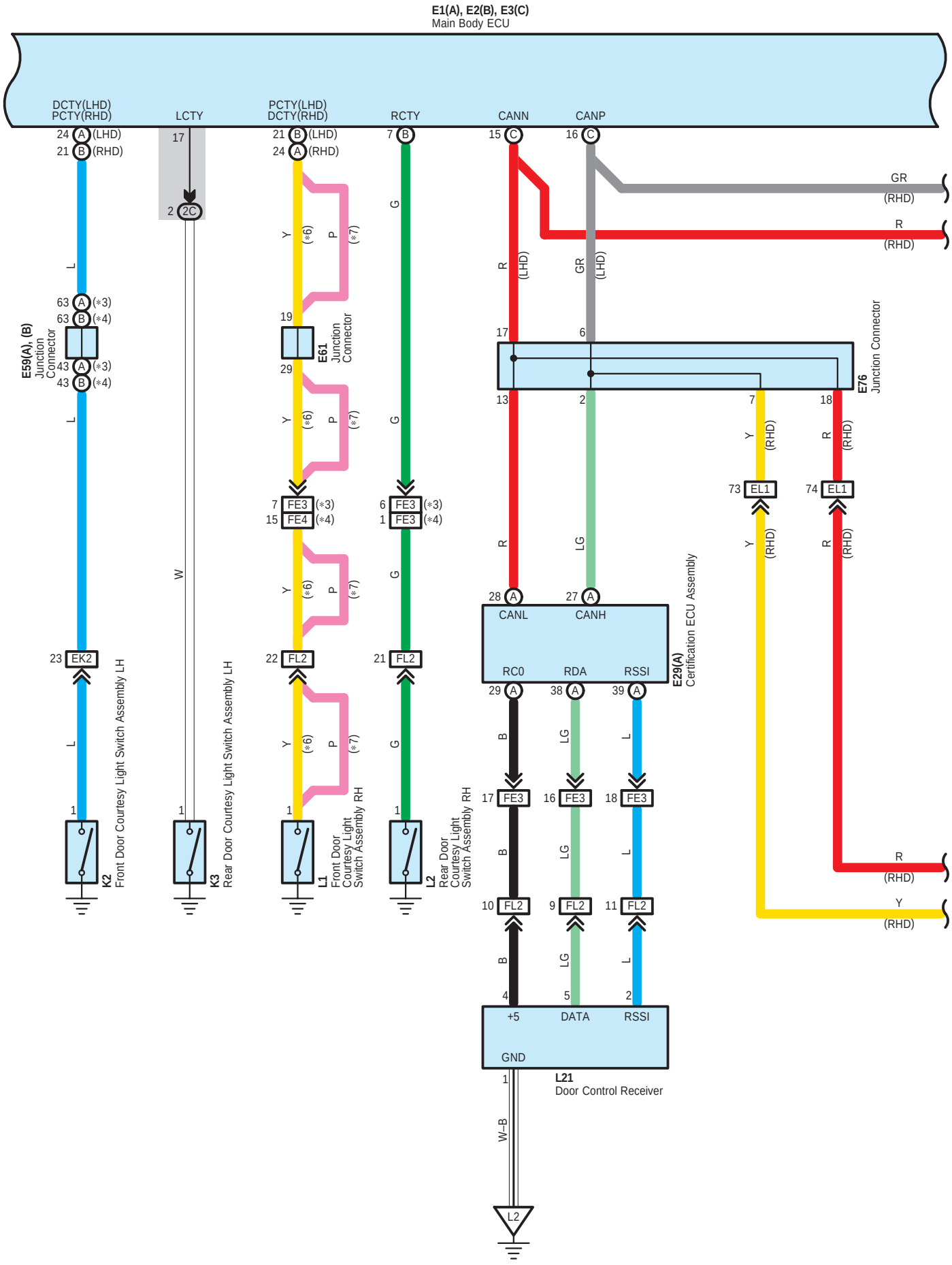


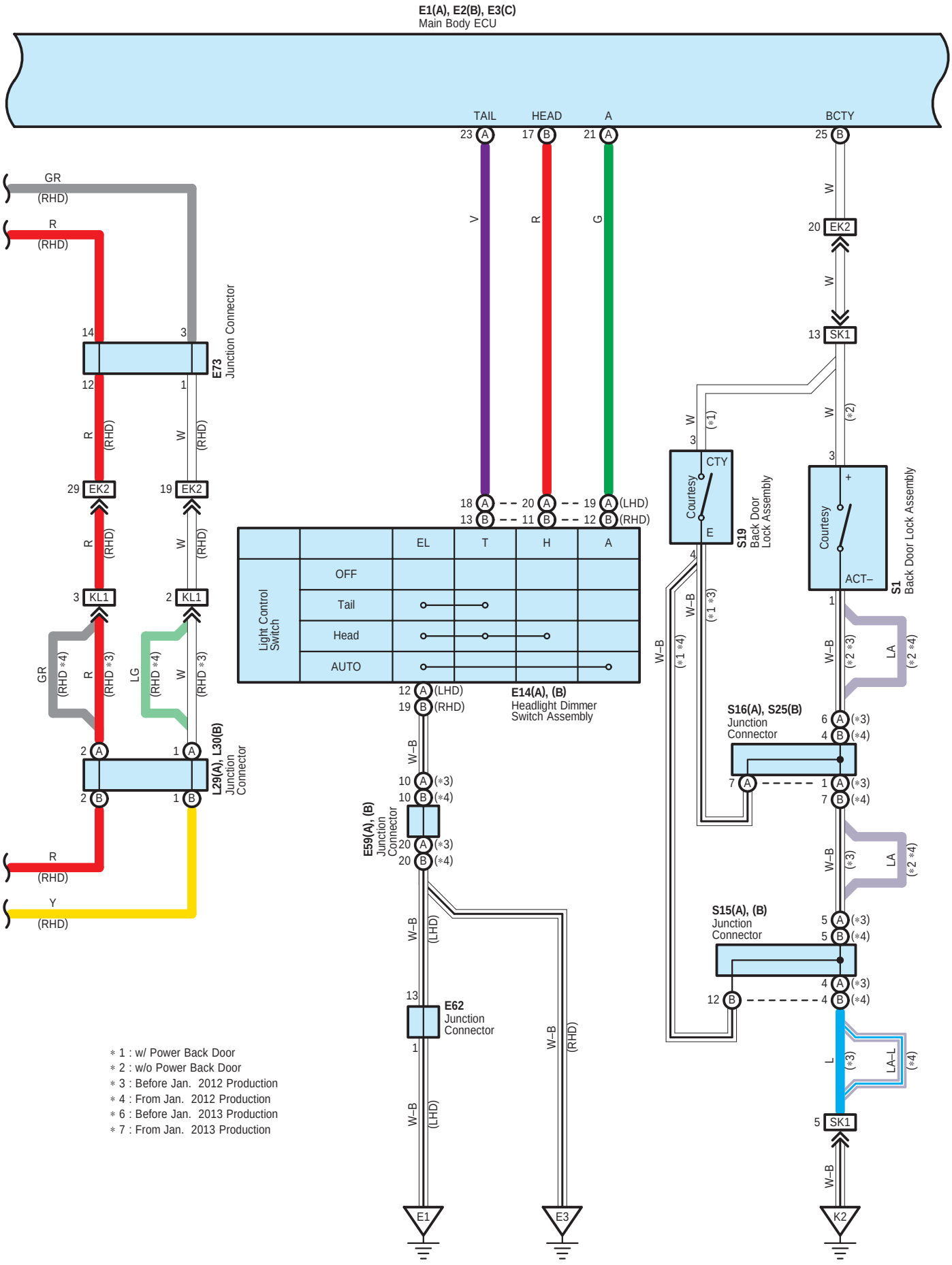

VE3
Gray
1 2 3 4 5 6 7
8 9 10 11 12 13 14
7 6 5 4 3 2 1
14 13 12 11 10 9 8
eL1
White
1 2
3 4
5 6
2 1
4 3
6 5



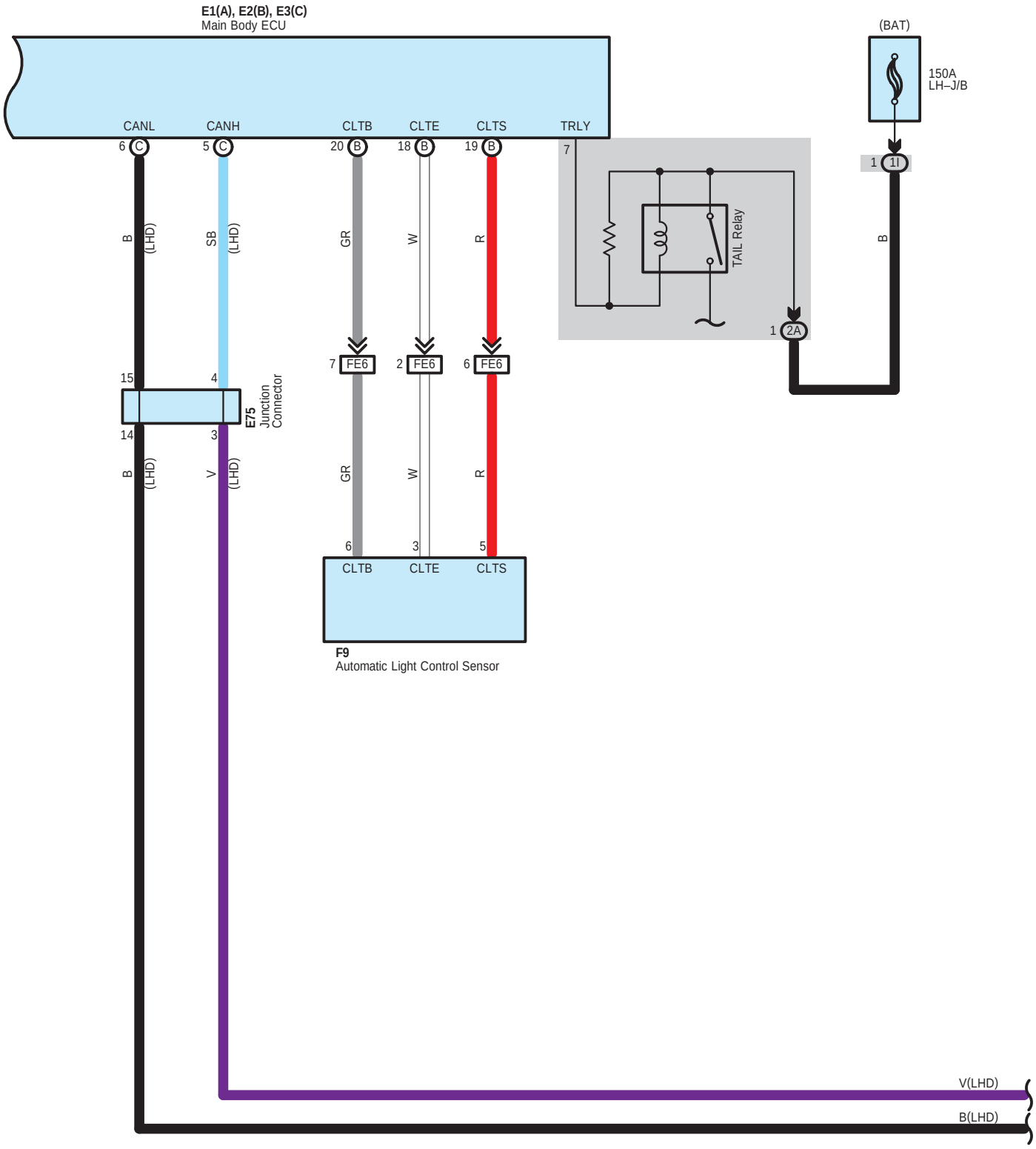

∗ 3 : Before Jan. 2012 Production
∗ 4 : From Jan. 2012 Production
∗ 5 : From Jan. 2012 Production until Jan. 2013 Production
∗ 8 : RHD, LHD Before Aug. 2013 Production
∗ 9 : LHD From Aug. 2013 Production
∗10 : From Jan. 2012 Production
until Aug. 2014 Production
∗11 : From Jan. 2013 Production
until Aug. 2014 Production
∗12 : From Aug. 2014 Production

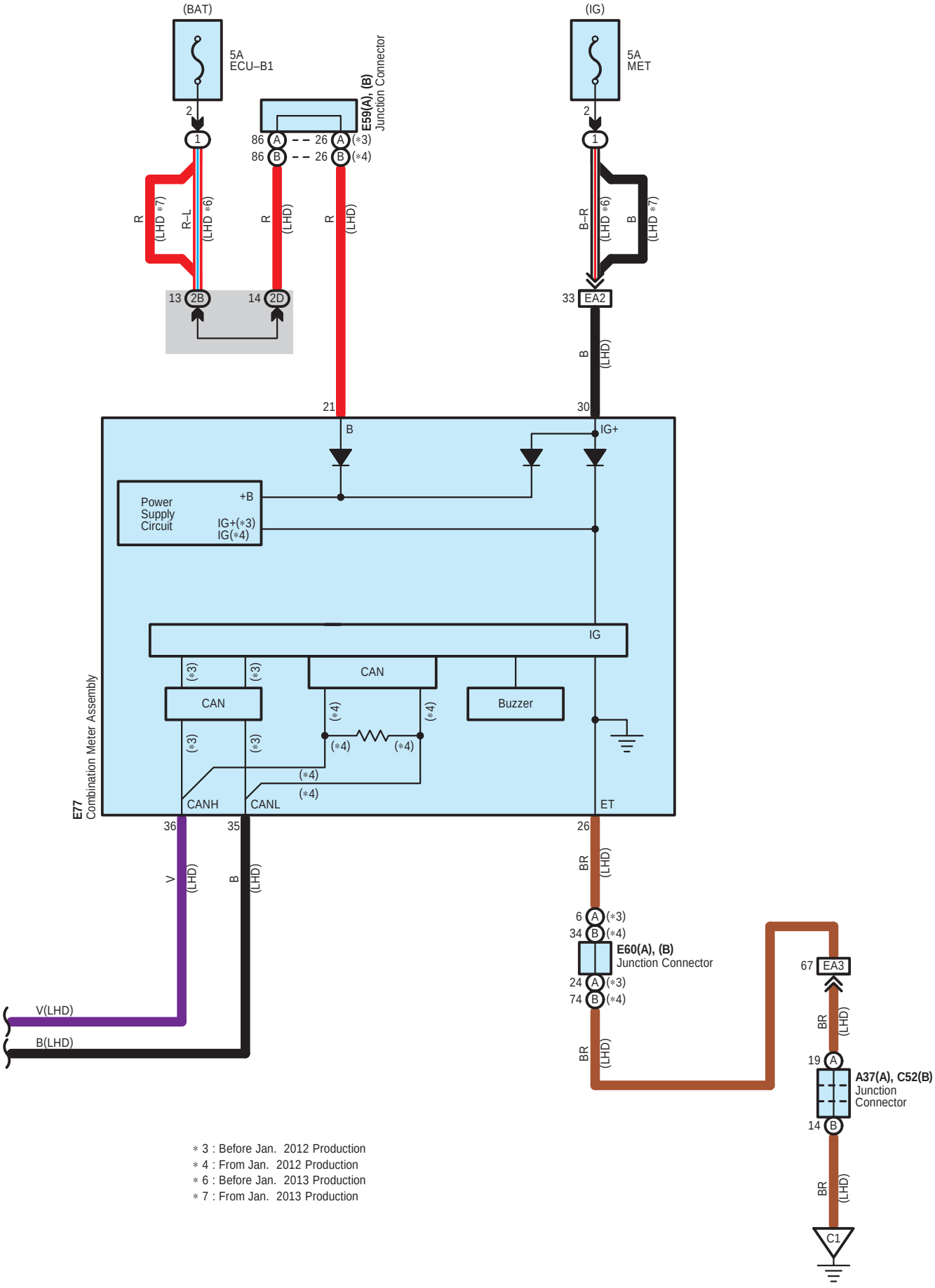

E1(A), E2(B), E3(C)
Main Body ECU
DIM(*3)
DRL(*10)
DIM
HRLY
GND2
GND3
(BAT)
40A
MAIN
DRLS
DRL MOD
Relay
+B
H
HEAD LO
Relay
HEAD HI
Relay
E62
Junction Connector
E67(A), E116(B)
Junction
Connector
E1
E2


E1(A), E2(B), E3(C)
Main Body ECU
DCTY(LHD)
PCTY(RHD)
LCTY
PCTY(LHD)
DCTY(RHD)
RCTY
CANN
CANP
24 A (LHD)
21 B (RHD)
17
2 2C
21 B (LHD)
24 A (RHD)
7 B
15 C
16 C
GR
(RHD)
R
(RHD)
R (LHD)
GR (LHD)
63 A (*3)
63 B (*4)
E59(A), (B)
Junction
Connector
43 A (*3)
43 B (*4)
19
E61
Junction
Connector
29
17
6
E76
Junction Connector
13
2
7
18
Y (RHD)
R (RHD)
73 EL1
74 EL1
23 EK2
7 FE3 (*3)
15 FE4 (*4)
6 FE3 (*3)
1 FE3 (*4)
22 FL2
21 FL2
28 A
27 A
CANL
CANH
RC0
RDA
RSSI
E29(A)
Certification ECU Assembly
29 A
38 A
39 A
17 FE3
16 FE3
18 FE3
10 FL2
9 FL2
11 FL2
4
5
2
+5
DATA
RSSI
GND
1
L21
Door Control Receiver
W–B
L2
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



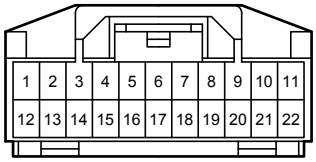

* 1 : w/ Power Back Door
* 2 : w/o Power Back Door
* 3 : Before Jan. 2012 Production
* 4 : From Jan. 2012 Production
* 6 : Before Jan. 2013 Production
* 7 : From Jan. 2013 Production


E1(A), E2(B), E3(C)
Main Body ECU
CANL
CANH
CLTB
CLTE
CLTS
TRLY
6 C
5 C
20 B
18 B
19 B
7
(BAT)
150A
LH–J/B
1 1I
B
TAIL Relay
1 2A
B (LHD)
SB (LHD)
GR
W
R
7 FE6
2 FE6
6 FE6
15
4
E75
Junction
Connector
14
3
B (LHD)
V (LHD)
GR
W
R
6
3
5
CLTB
CLTE
CLTS
F9
Automatic Light Control Sensor
V(LHD)
B(LHD)

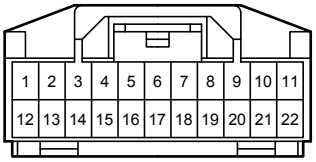



* 3 : Before Jan. 2012 Production
* 4 : From Jan. 2012 Production
* 6 : Before Jan. 2013 Production
* 7 : From Jan. 2013 Production

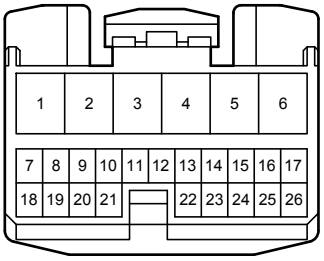
A 37
Blue



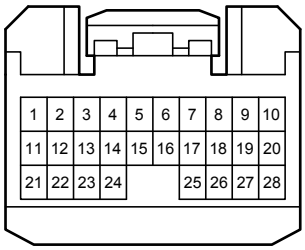

C 52
Blue



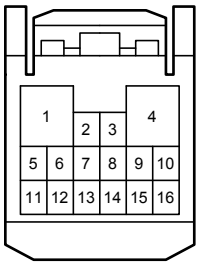

E 1
White



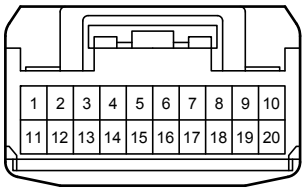

E 2
White



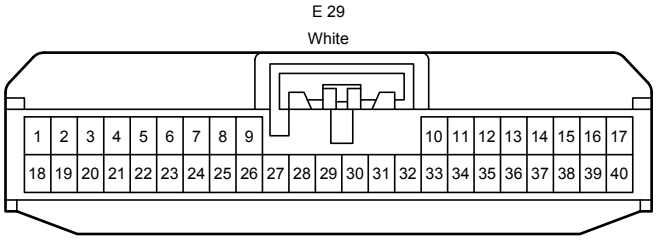

E 3
White



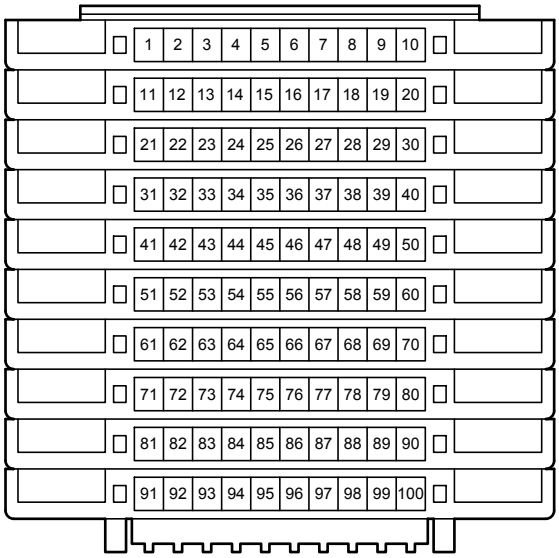

E 14
White



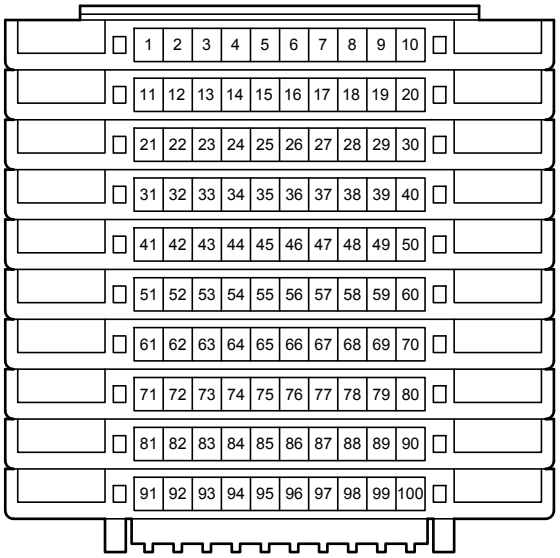

E 29
White



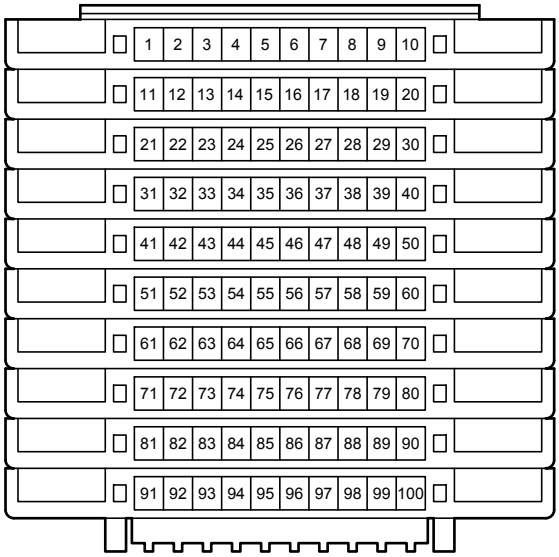

E 59
White



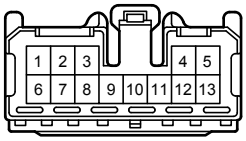

E 60
White



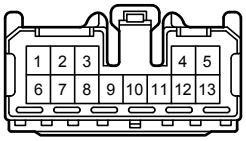
E 61
White



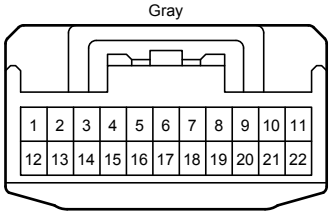

E 62
White



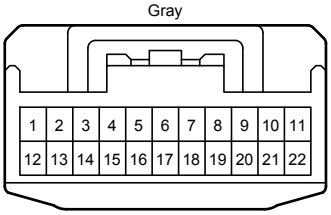

E 67
White



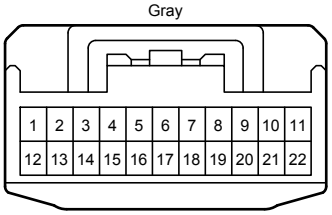

E 73
Gray



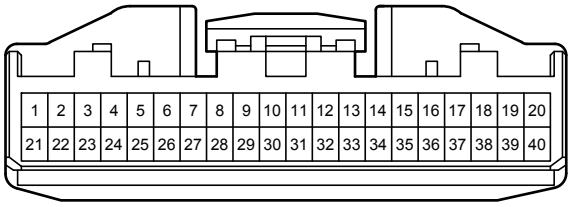

E 75
Gray



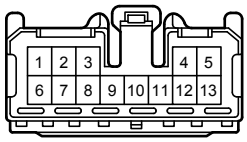

E 76
Gray



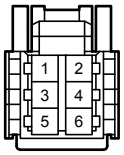

E 77
White




E116
White




F 9
Black




K 2
White




K 3
White



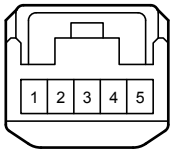

L 1
White



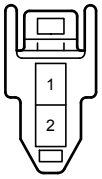

L 2
White



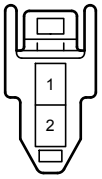

L 21
White



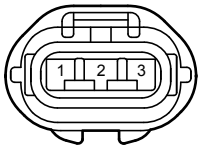

L 29
White



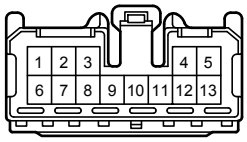

L 30
White



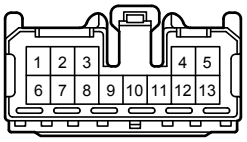

S 1
Black



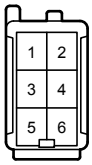

S 15
White



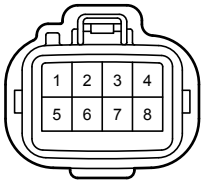

S 16
White



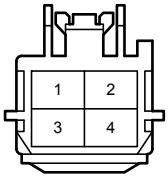

S 19
Black



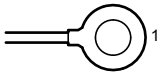
S 25
Dark Gray



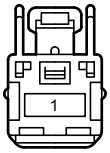

1H
White



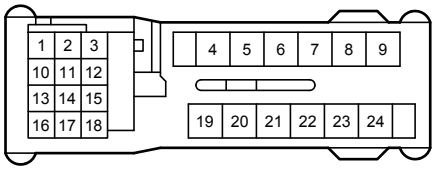

1I



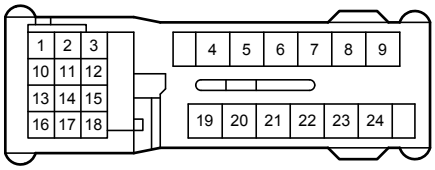

2A
White



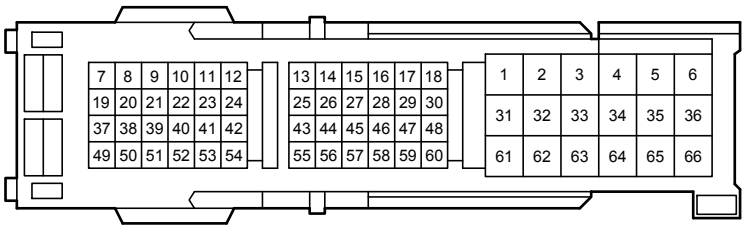

2B
White



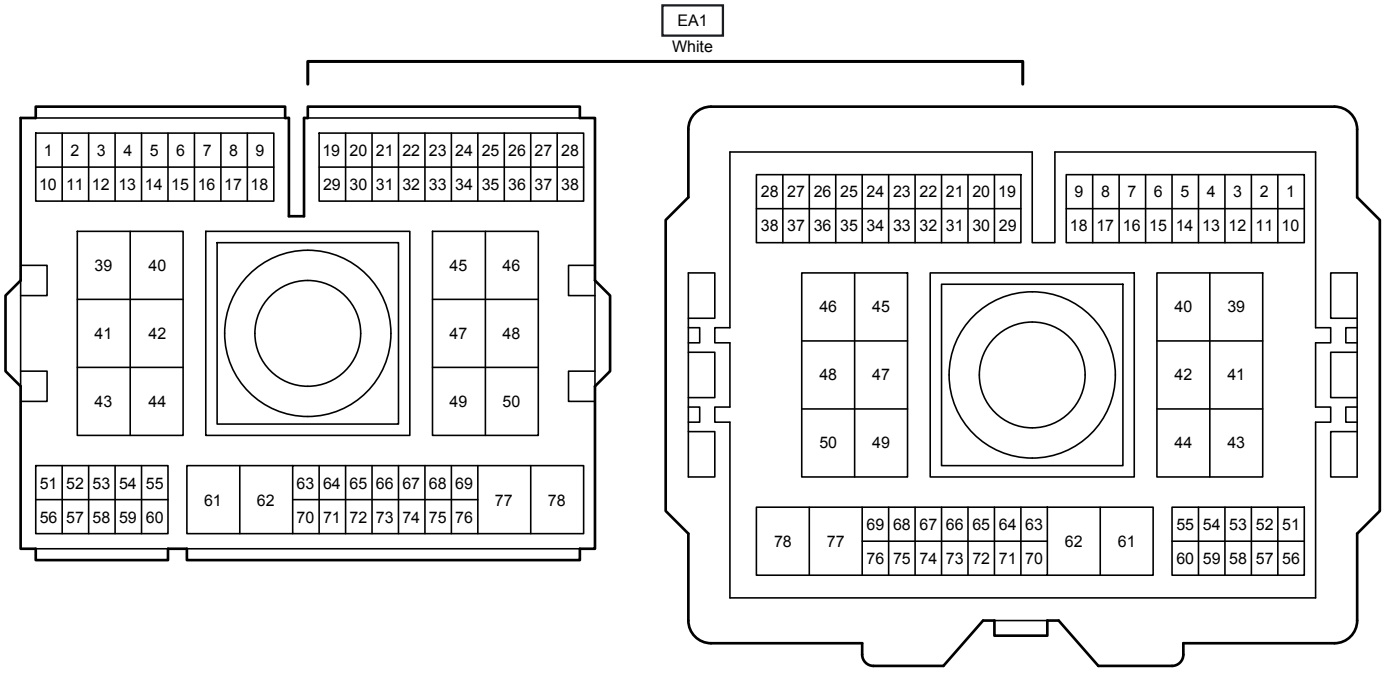

2C
White




2D
White

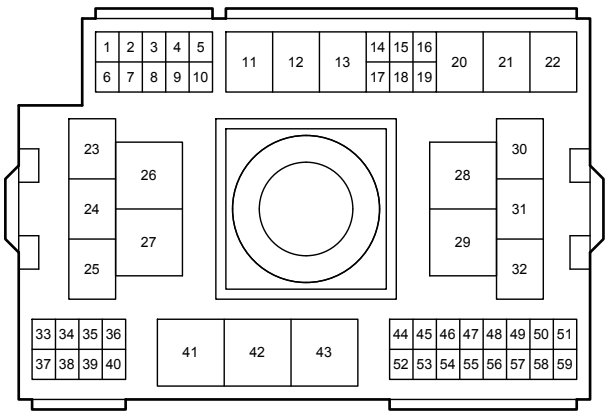



EA1
White

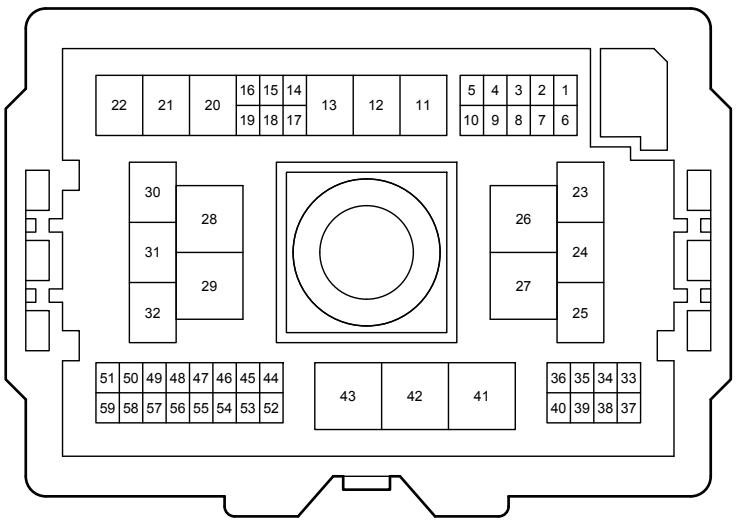


EA2

White

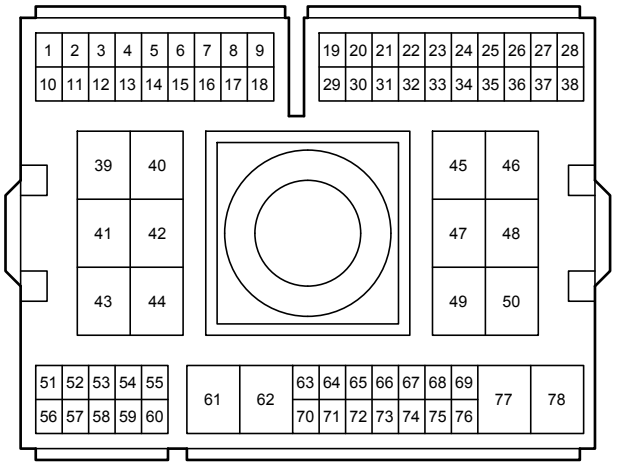


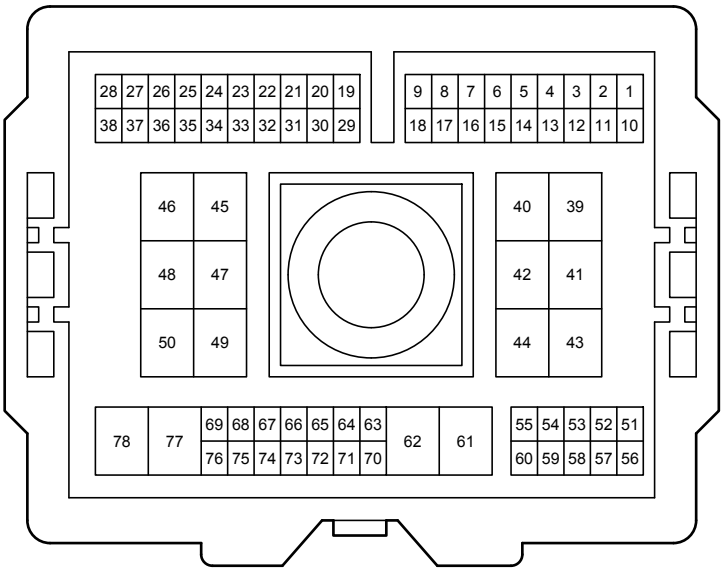

Gray



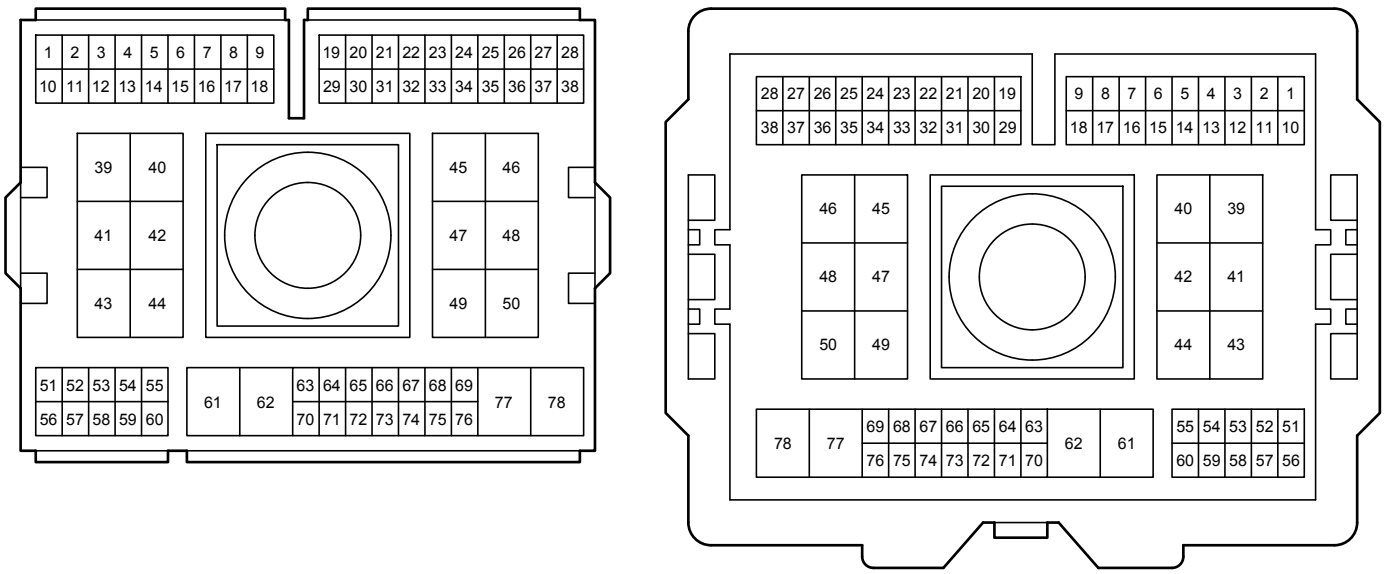

EA3

White

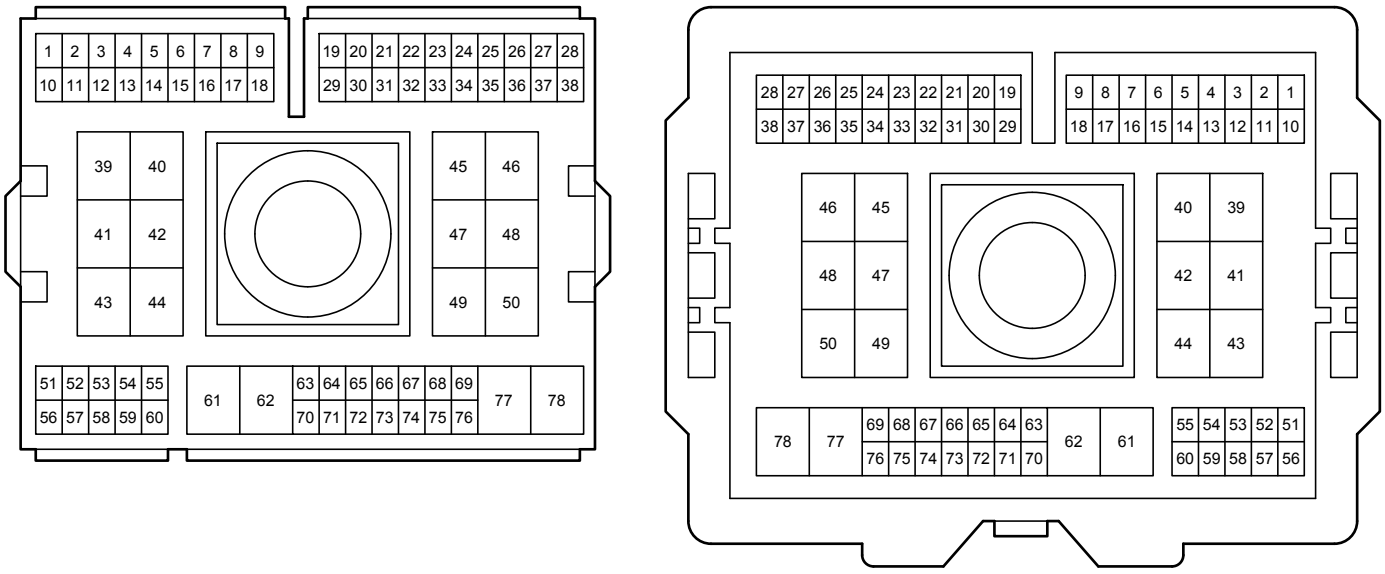


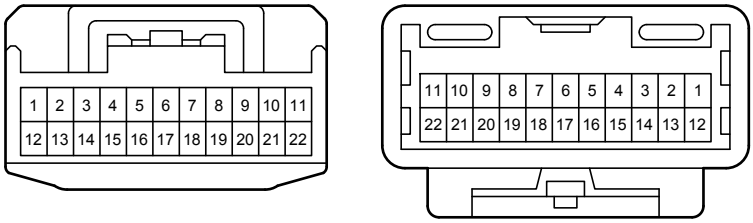
EK2
White



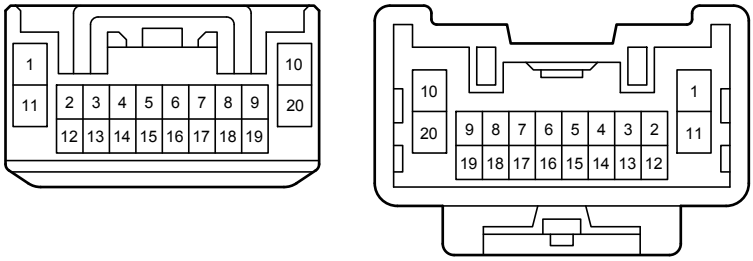

EL1
White



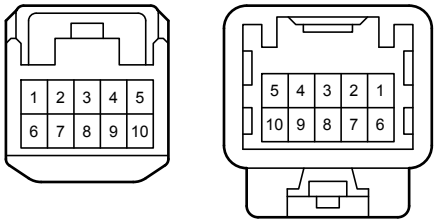

FE3
White



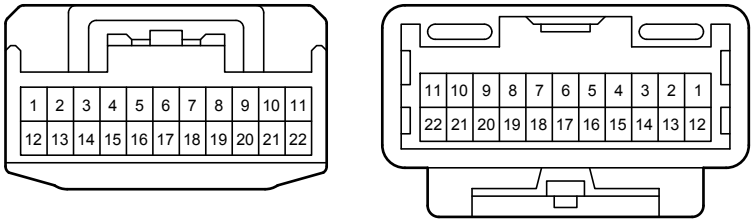
FE4
White



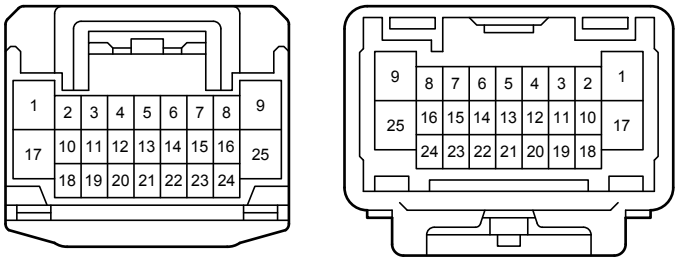

FE6
White



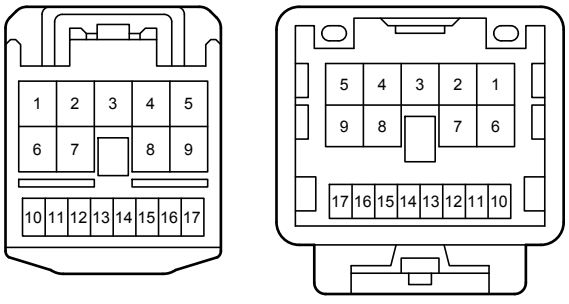

FL2
Blue

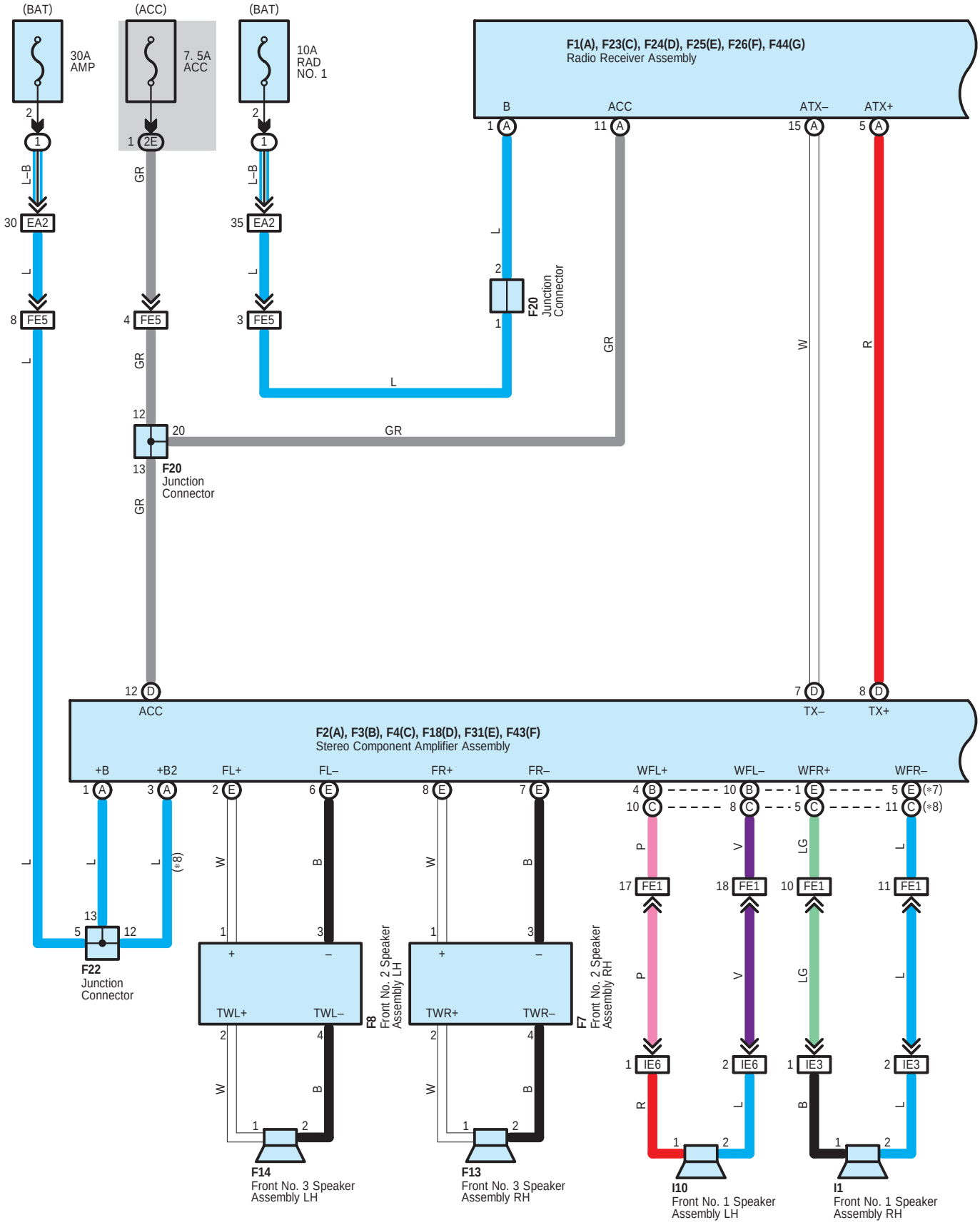



KL1
White



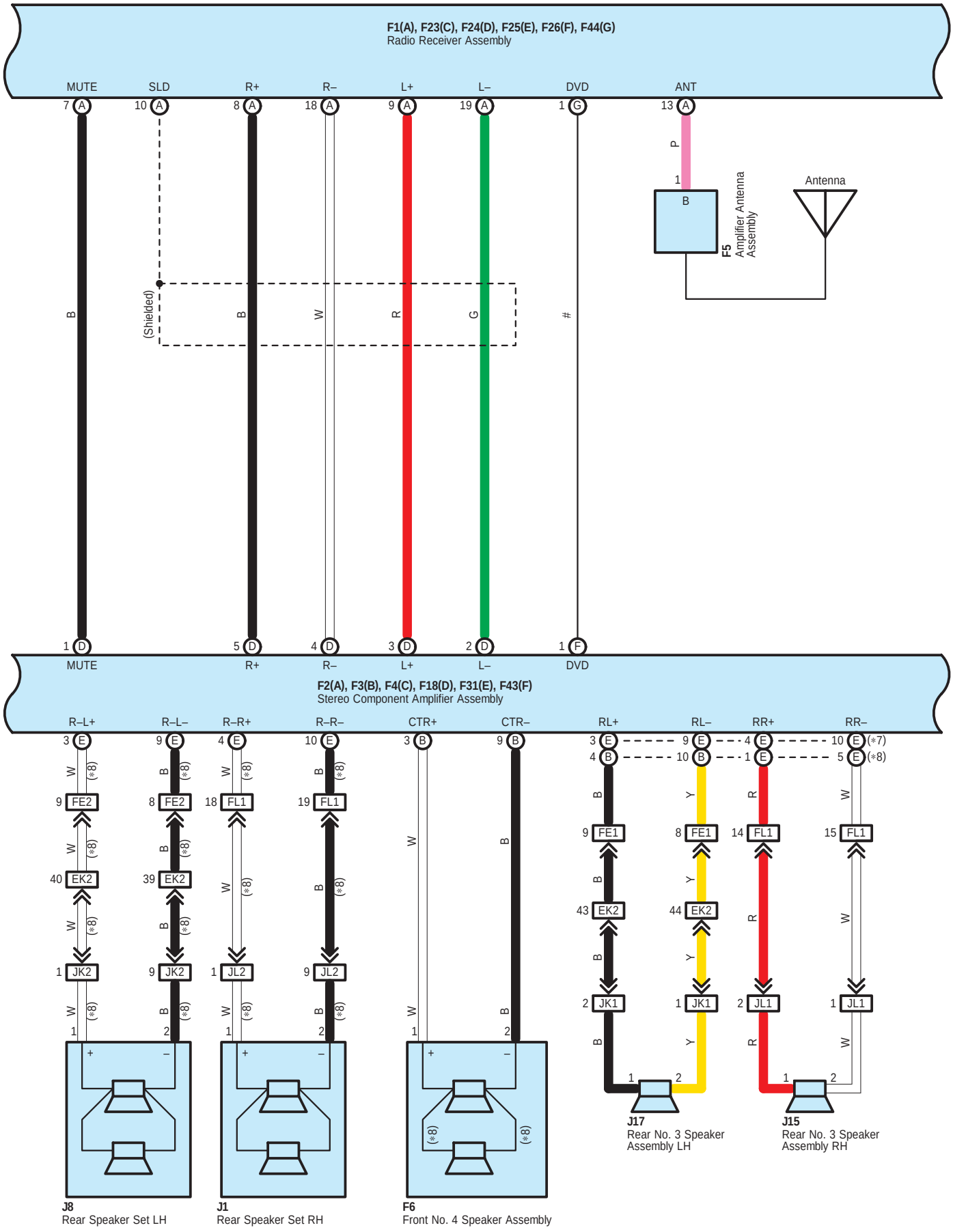

SK1
White



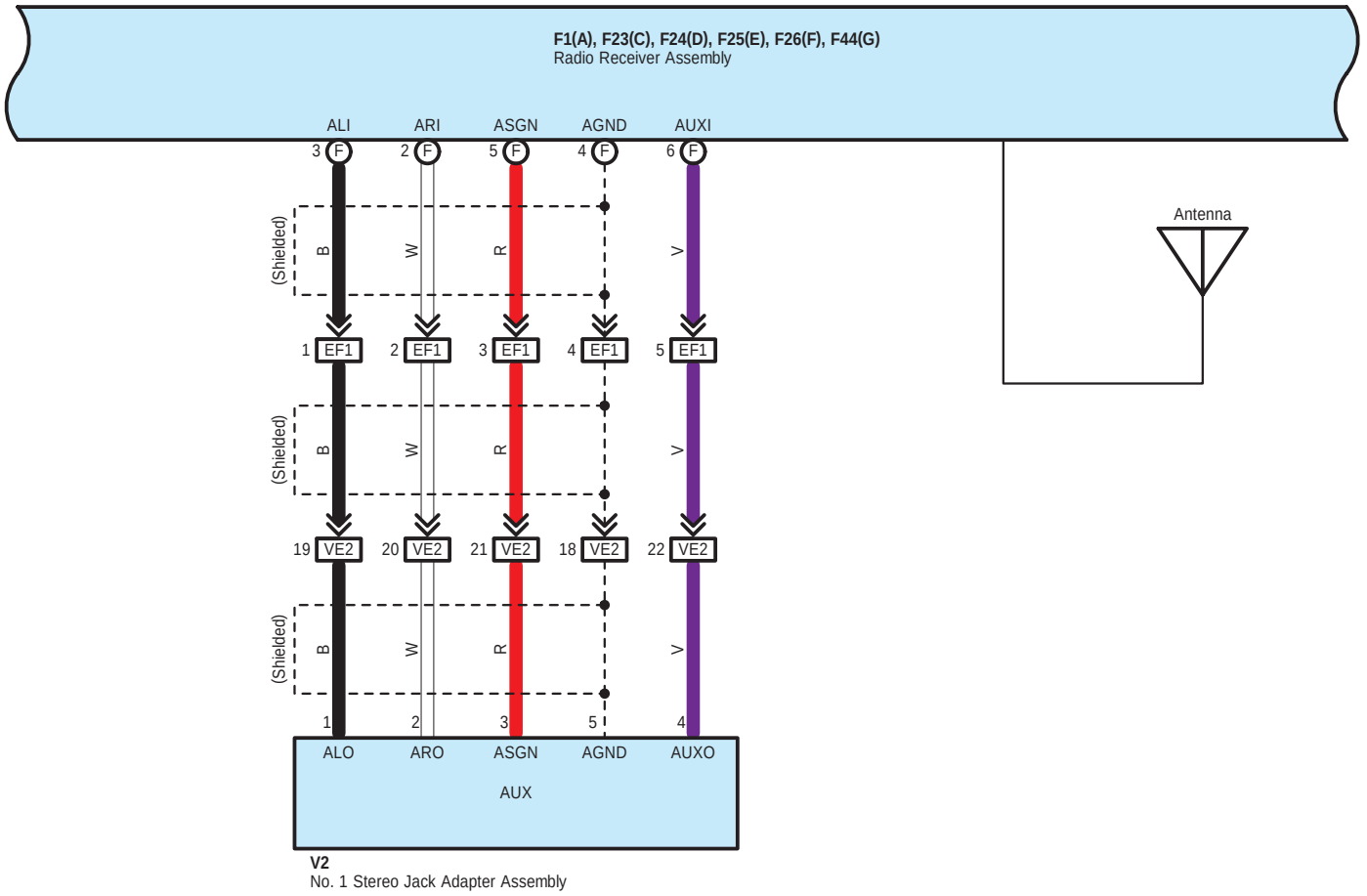

(BAT)
30A AMP
(ACC)
7. 5A ACC
(BAT)
10A RAD NO. 1
F1(A), F23(C), F24(D), F25(E), F26(F), F44(G)
Radio Receiver Assembly
B
ACC
ATX–
ATX+
F20 Junction Connector
F20 Junction Connector
F2(A), F3(B), F4(C), F18(D), F31(E), F43(F)
Stereo Component Amplifier Assembly
+B
+B2
FL+
FL–
FR+
FR–
WFL+
WFL–
WFR+
WFR–
F22 Junction Connector
F8 Front No. 2 Speaker Assembly LH
F7 Front No. 2 Speaker Assembly RH
TWL+
TWL–
TWR+
TWR–
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

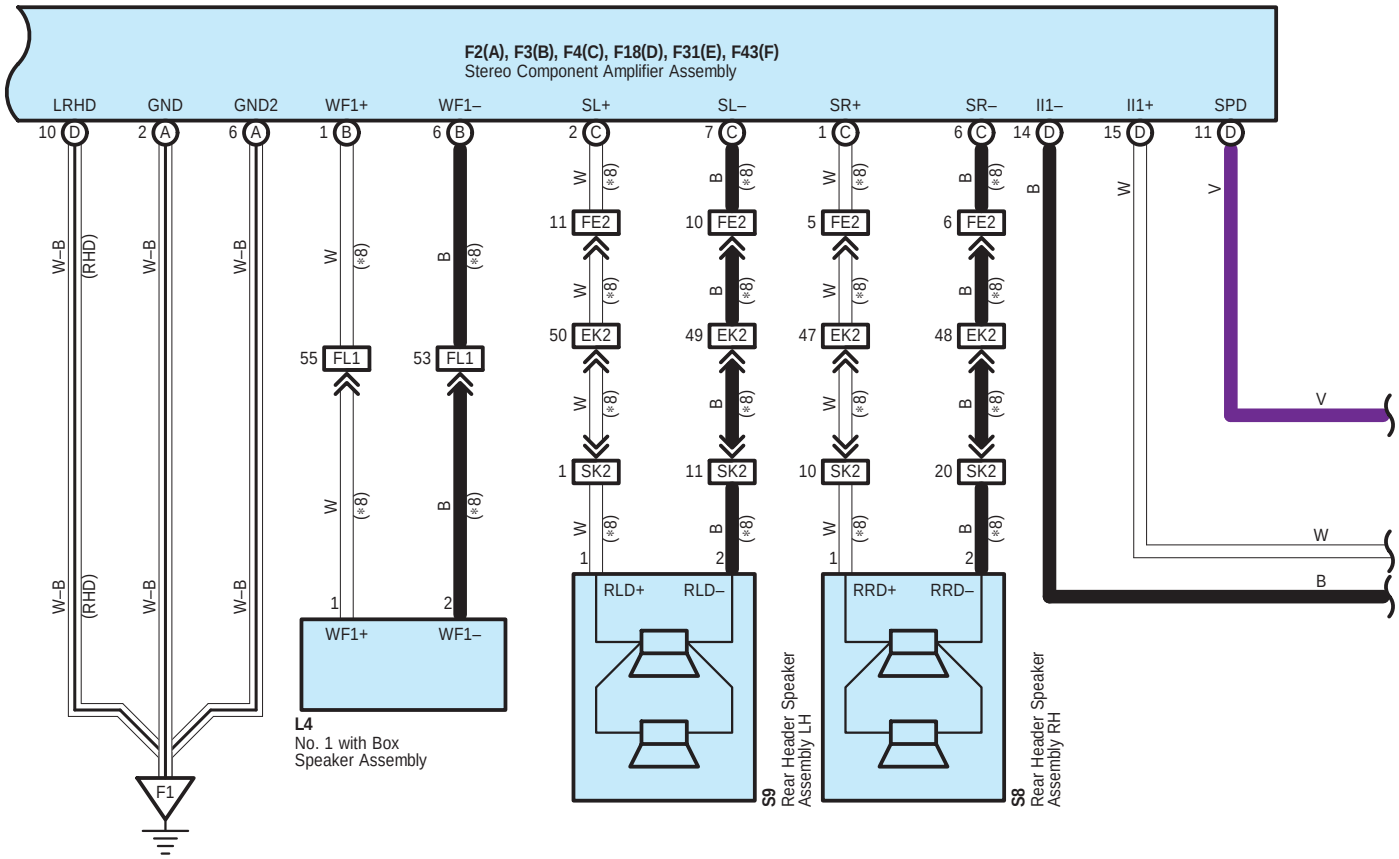
∗ 7 : Except MARK LEVINSON
∗ 8 : MARK LEVINSON

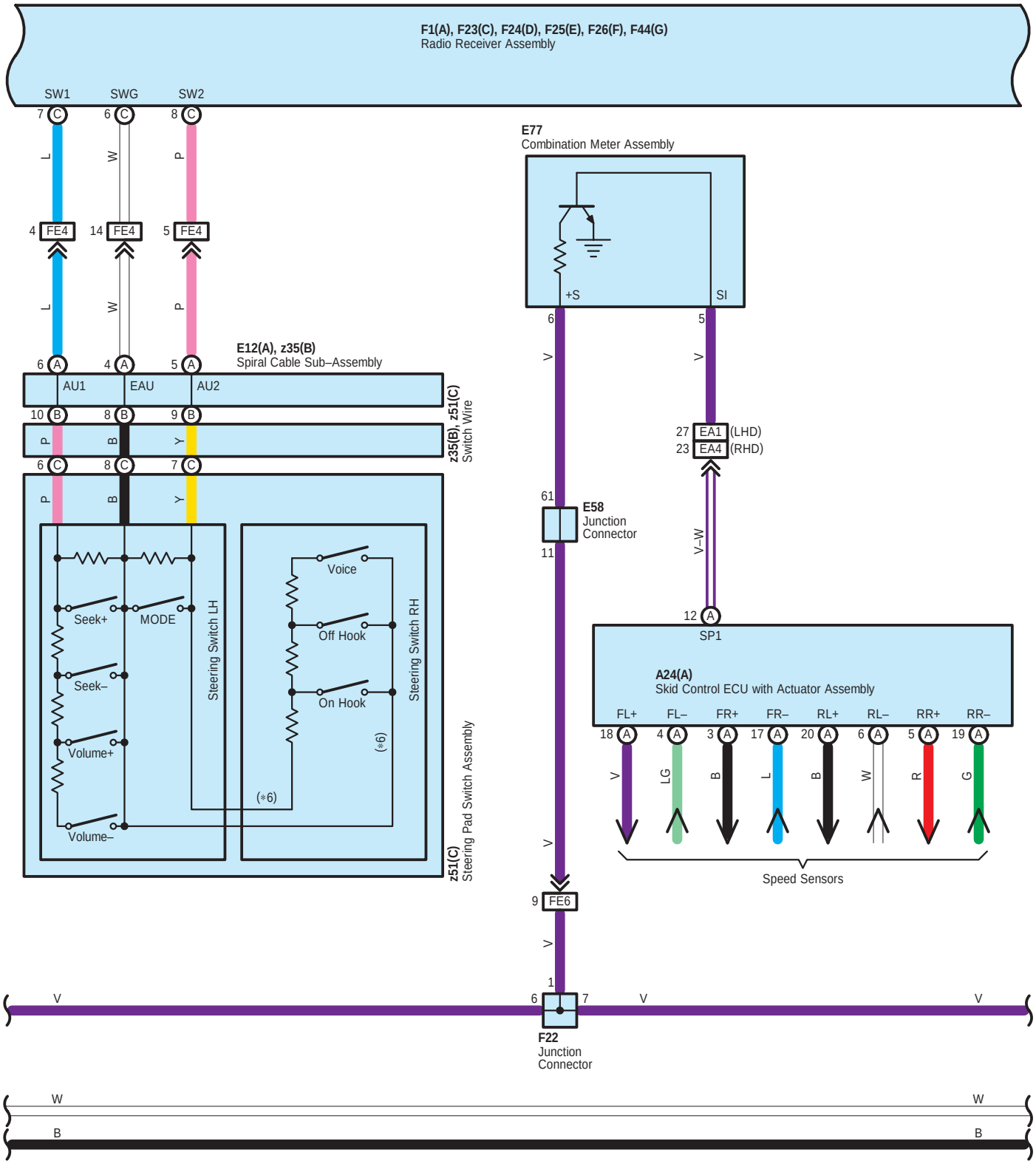
# : There is no wire color information.

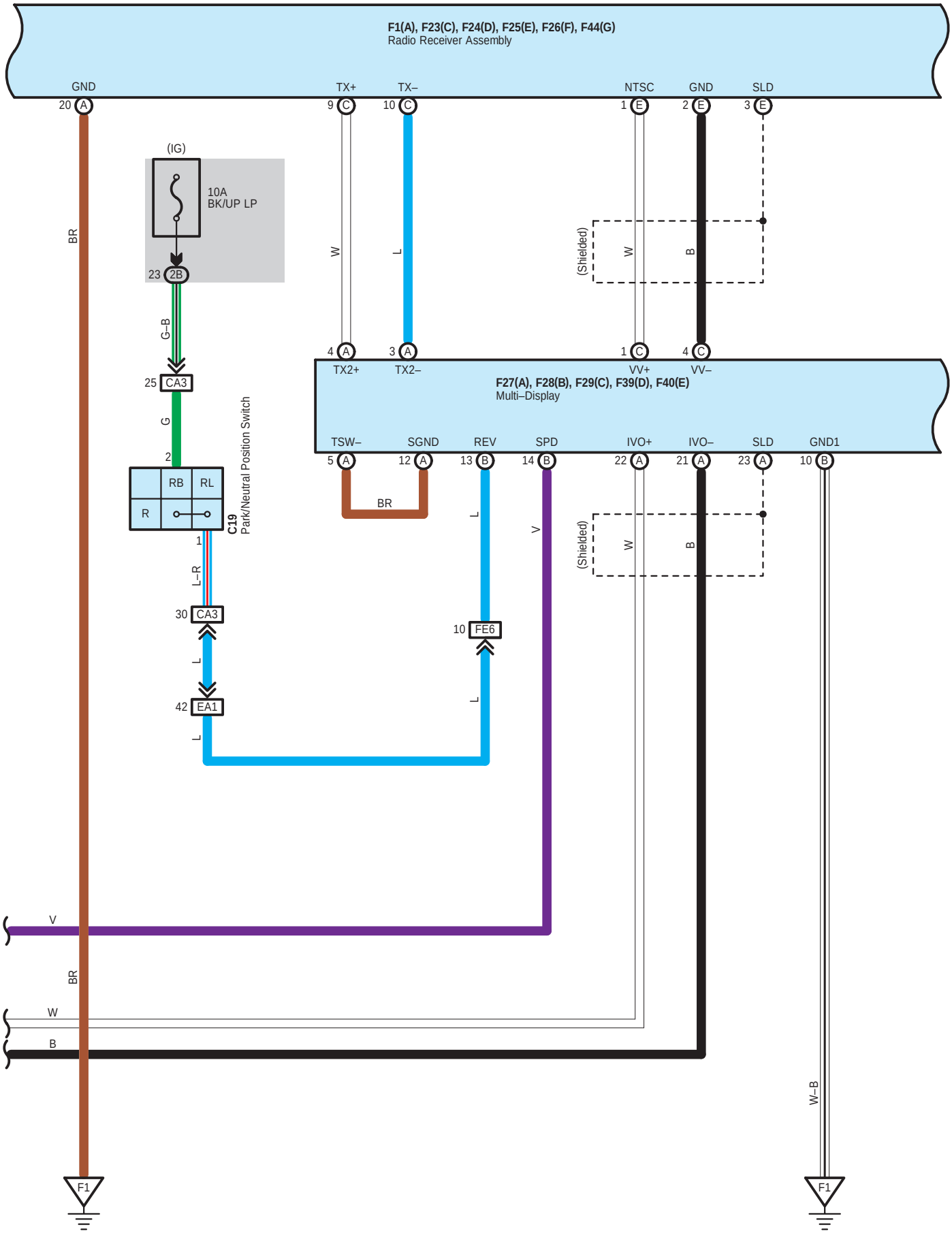


* 6 : w/ Bluetooth Hands–Free System
* 8 : MARK LEVINSON



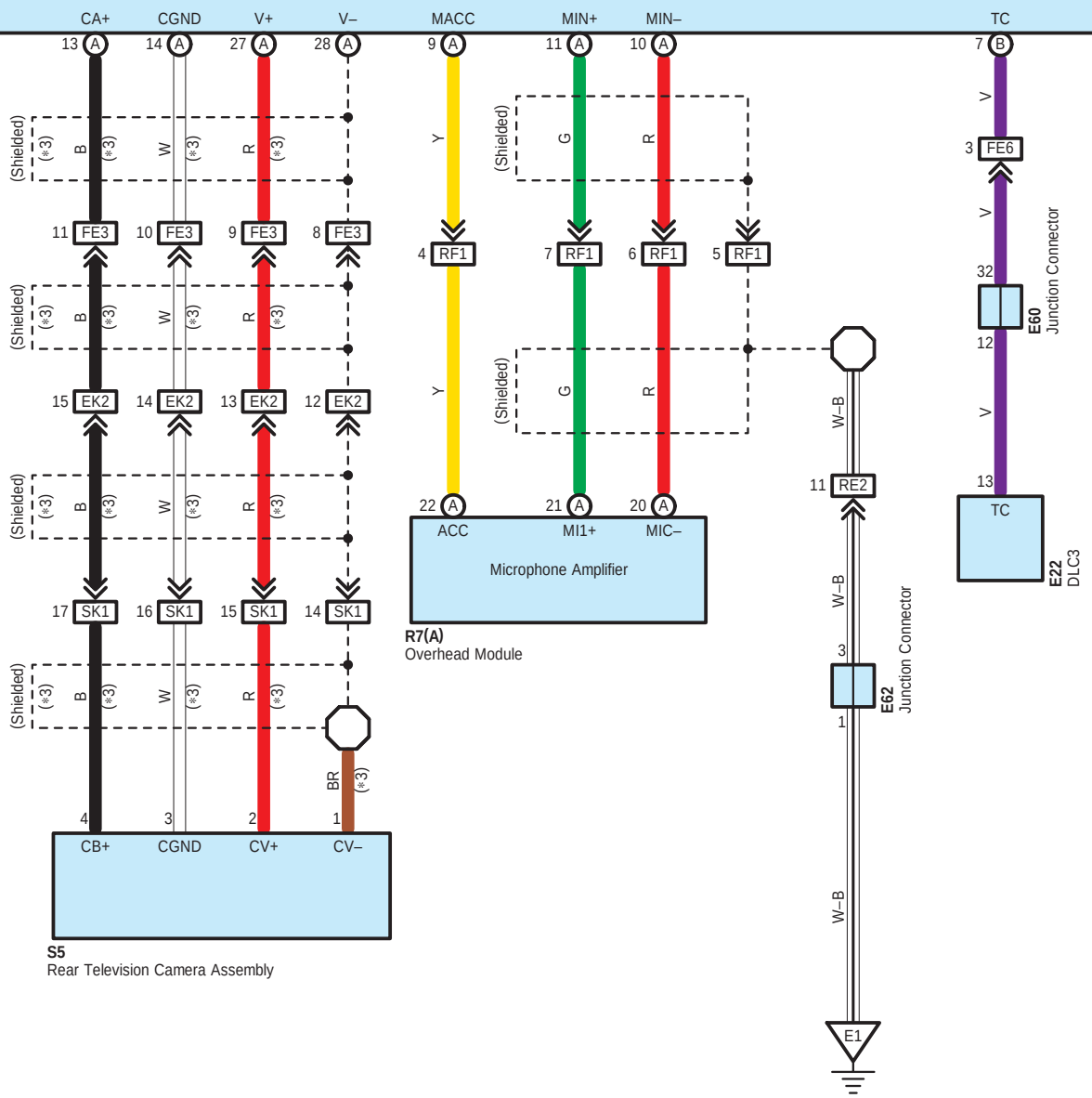

F1(A), F23(C), F24(D), F25(E), F26(F), F44(G)
Radio Receiver Assembly
SW1
SWG
SW2
E77
Combination Meter Assembly
+S
SI
E12(A), z35(B)
Spiral Cable Sub–Assembly
AU1
EAU
AU2
z35(B), z51(C)
Switch Wire
z51(C)
Steering Pad Switch Assembly
Steering Switch LH
Steering Switch RH
Seek+
MODE
Seek–
Volume+
Volume–
Voice
Off Hook
On Hook
(*6)
E58
Junction Connector
EA1 (LHD)
EA4 (RHD)
SP1
A24(A)
Skid Control ECU with Actuator Assembly
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
Speed Sensors
FE4
FE6
F22
Junction Connector


F1(A), F23(C), F24(D), F25(E), F26(F), F44(G)
Radio Receiver Assembly
GND
20 A
TX+
9 C
TX–
10 C
NTSC
1 E
GND
2 E
SLD
3 E
(IG)
10A
BK/UP LP
BR
23 2B
G–B
25 CA3
G
2
RB
RL
R
C19
Park/Neutral Position Switch
1
L–R
30 CA3
L
42 EA1
L
W
L
(Shielded)
W
B
4 A
TX2+
3 A
TX2–
1 C
VV+
4 C
VV–
F27(A), F28(B), F29(C), F39(D), F40(E)
Multi–Display
TSW–
5 A
SGND
12 A
REV
13 B
SPD
14 B
IVO+
22 A
IVO–
21 A
SLD
23 A
GND1
10 B
BR
L
10 FE6
L
V
(Shielded)
W
B
V
BR
W
B
W–B
F1
F1

∗ 3 : w/ Rear View Monitor

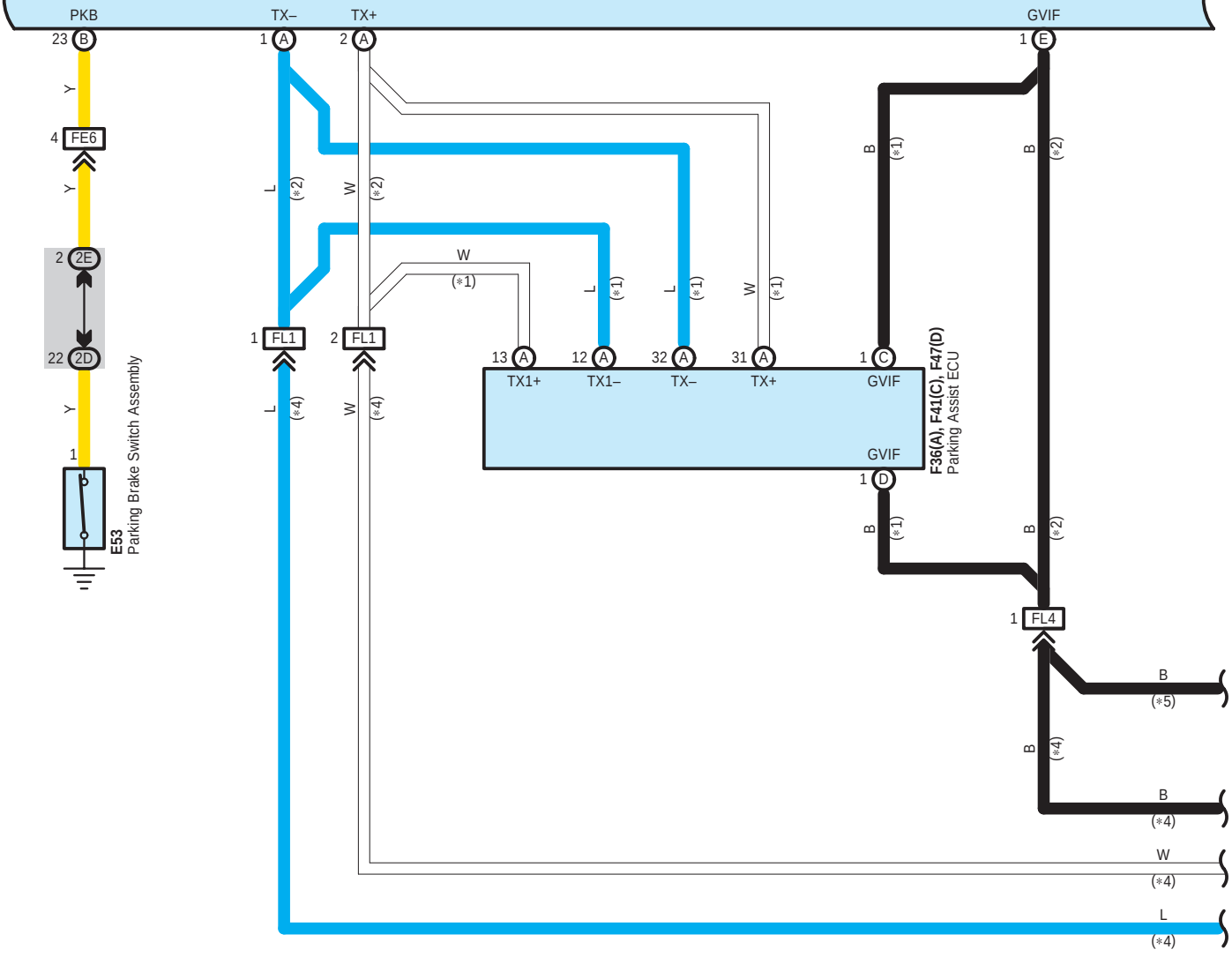
**F1(A), F23(C), F24(D), F25(E), F26(F), F44(G)**
Radio Receiver Assembly

**F27(A), F28(B), F29(C), F39(D), F40(E)**
Multi–Display



**F1(A), F23(C), F24(D), F25(E), F26(F), F44(G)**
Radio Receiver Assembly

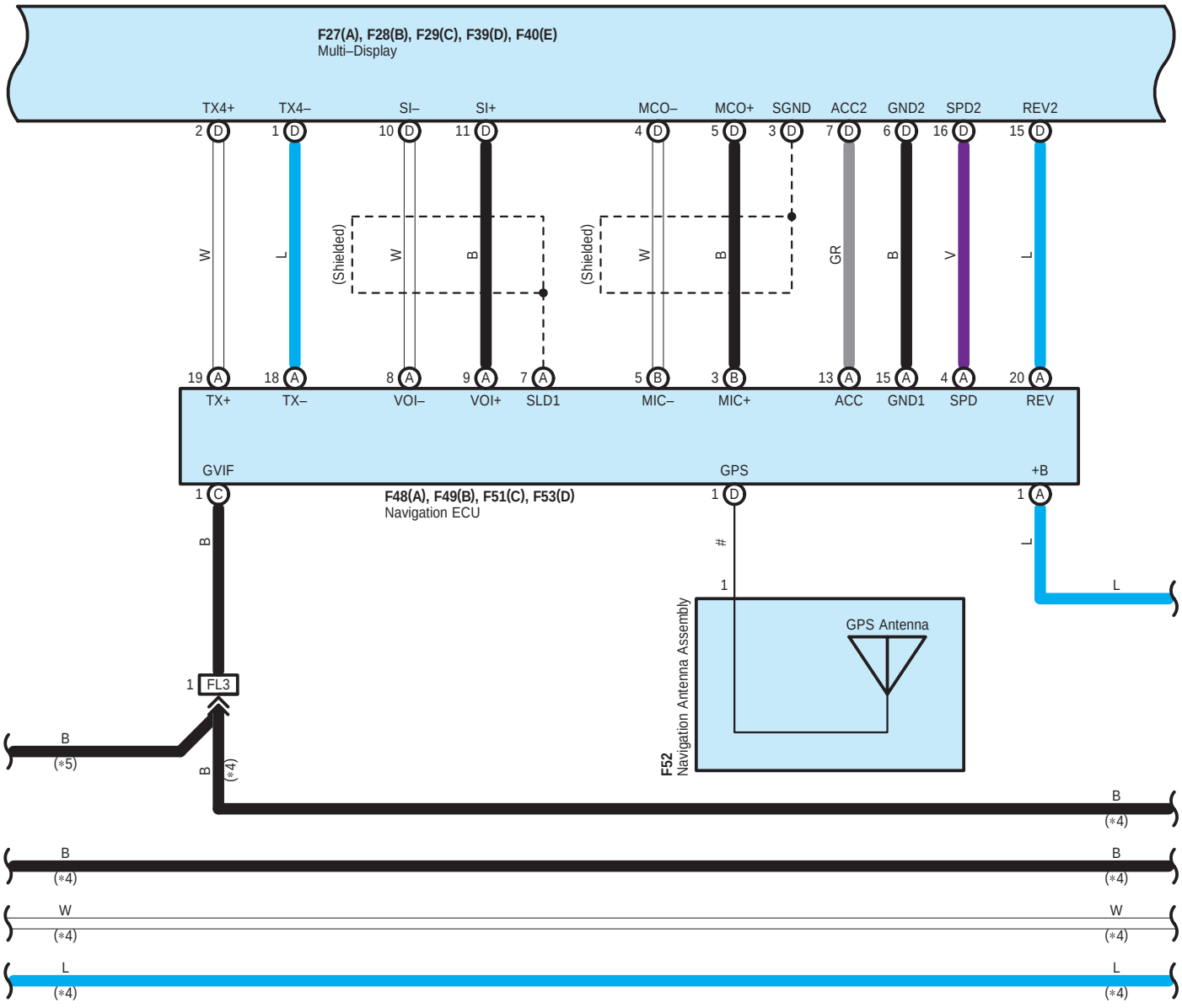
**F27(A), F28(B), F29(C), F39(D), F40(E)**
Multi–Display

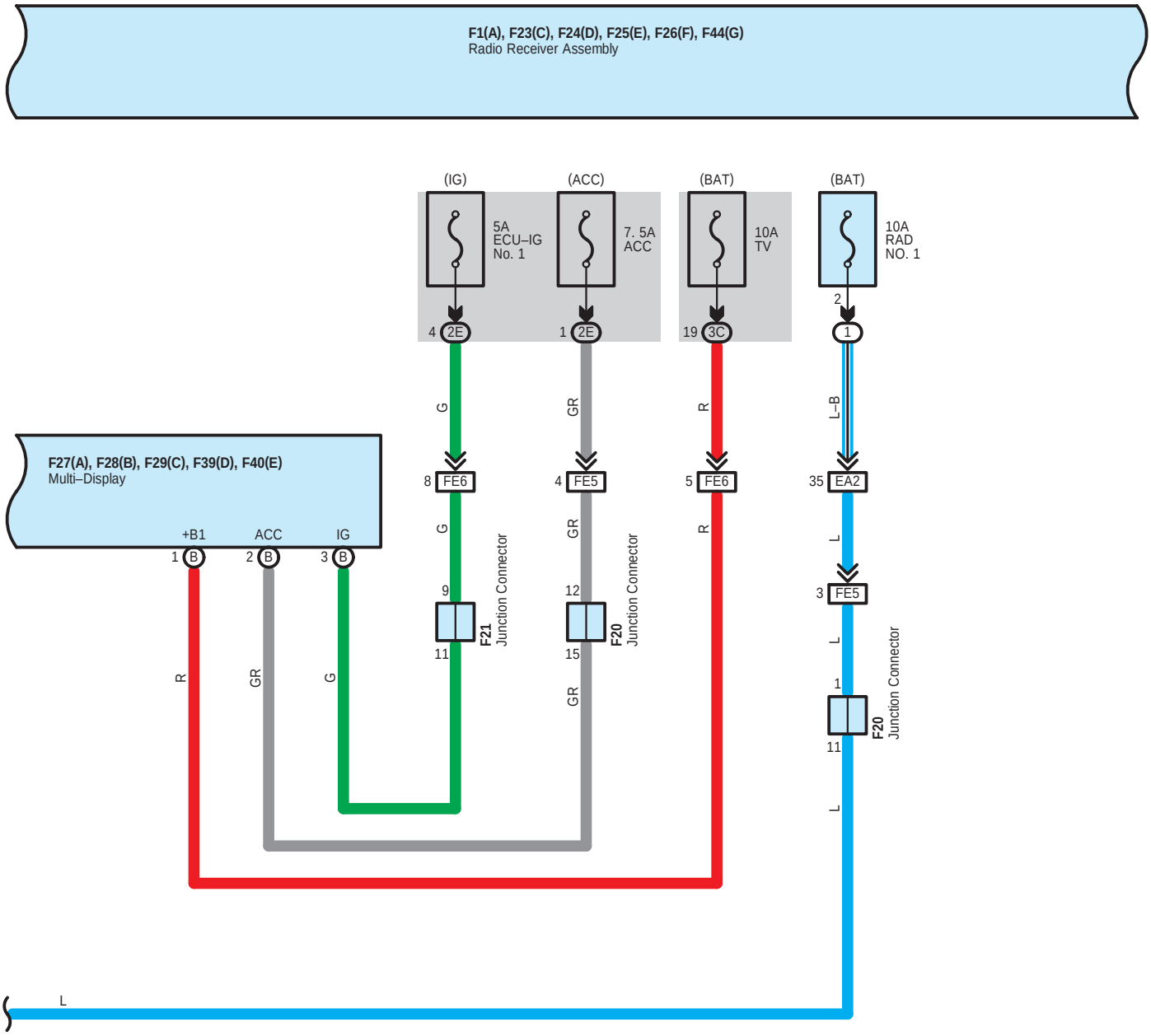


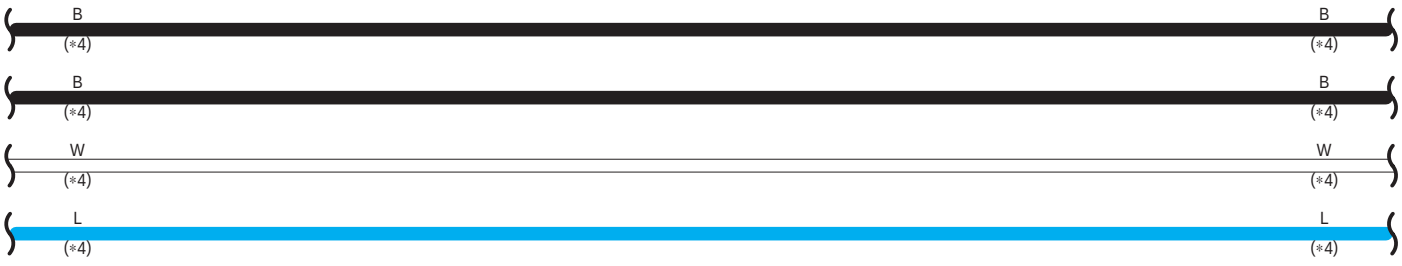
**F1(A), F23(C), F24(D), F25(E), F26(F), F44(G)**
Radio Receiver Assembly

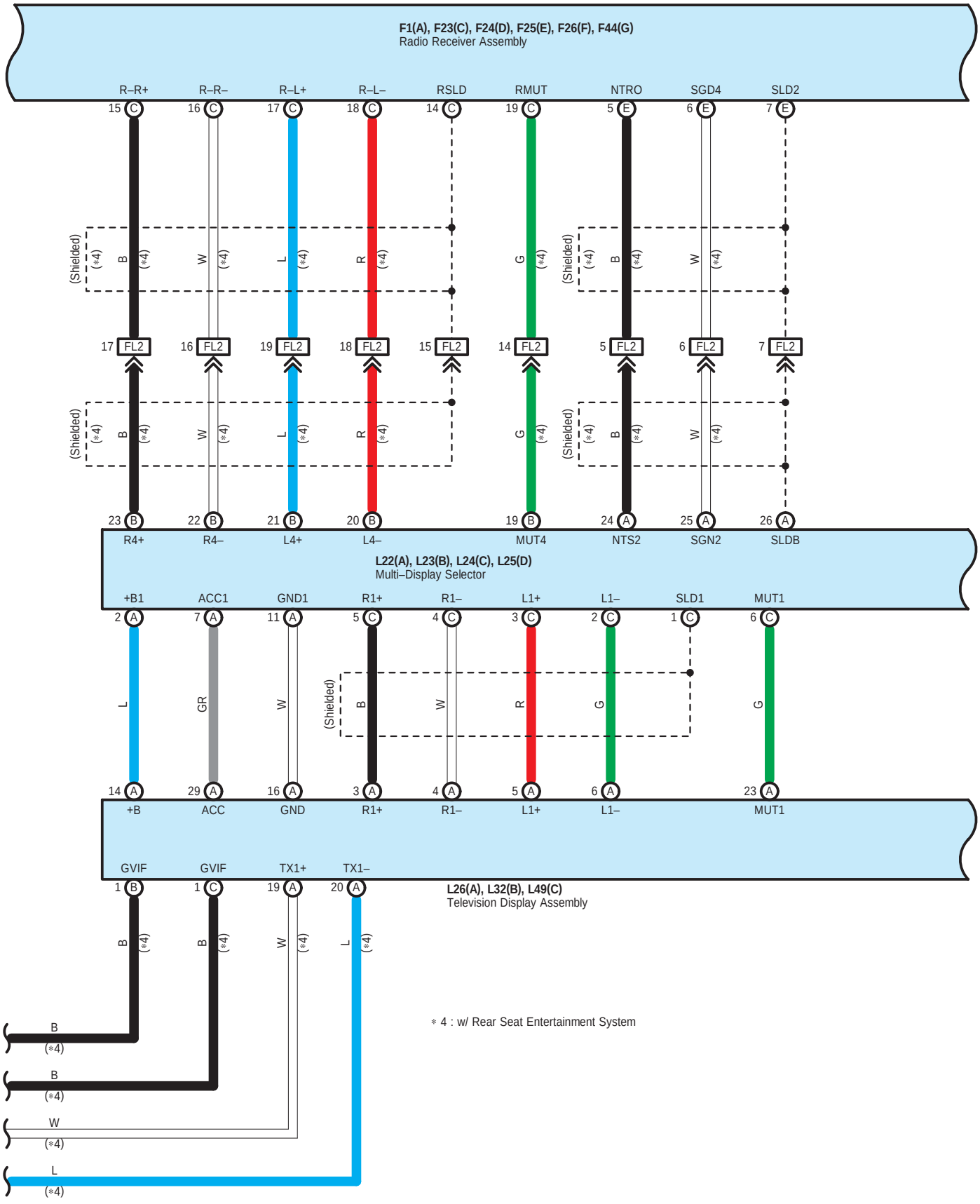
∗ 1 : w/ Parking Assist ECU
∗ 2 : w/o Parking Assist ECU
∗ 4 : w/ Rear Seat Entertainment System
∗ 5 : w/o Rear Seat Entertainment System

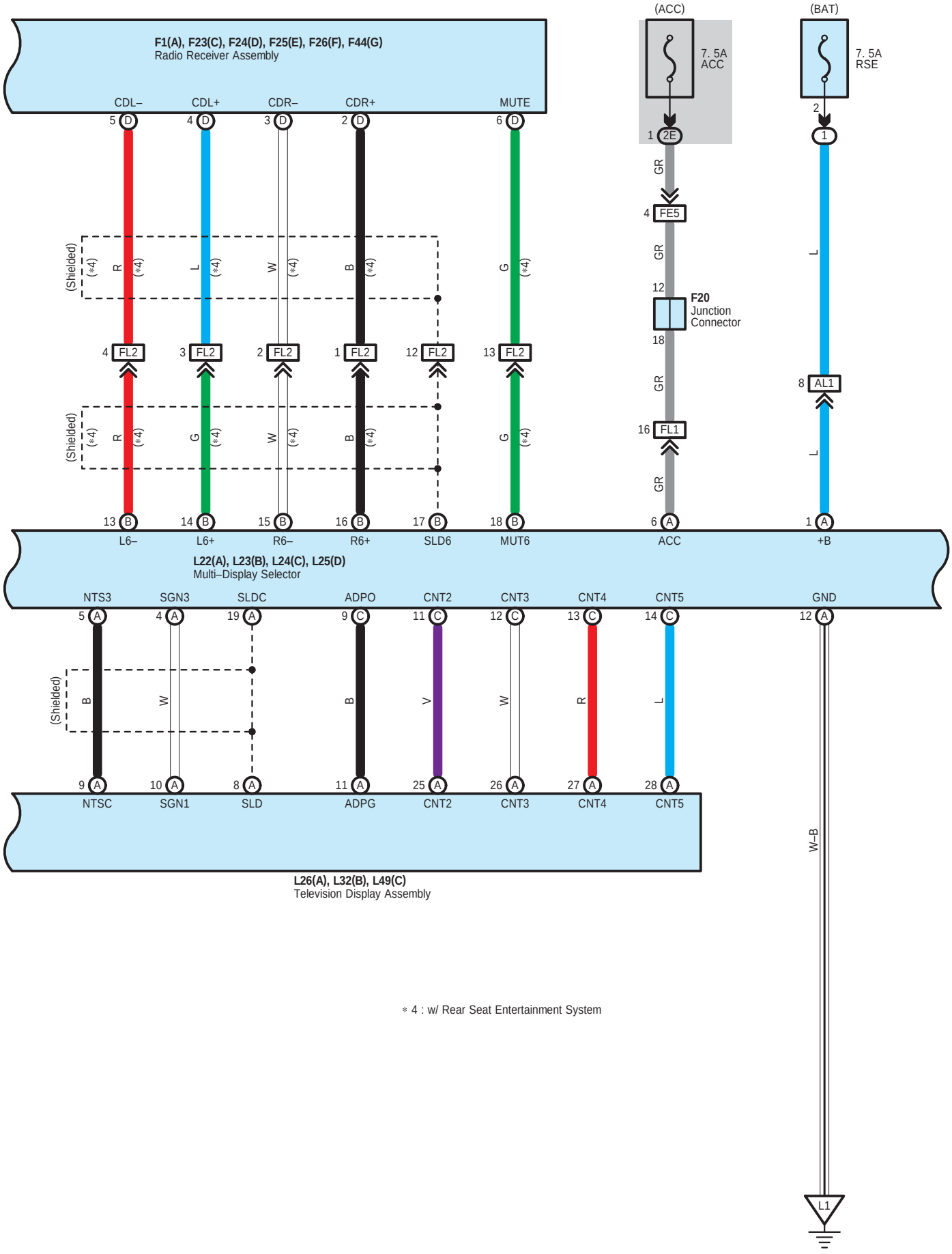
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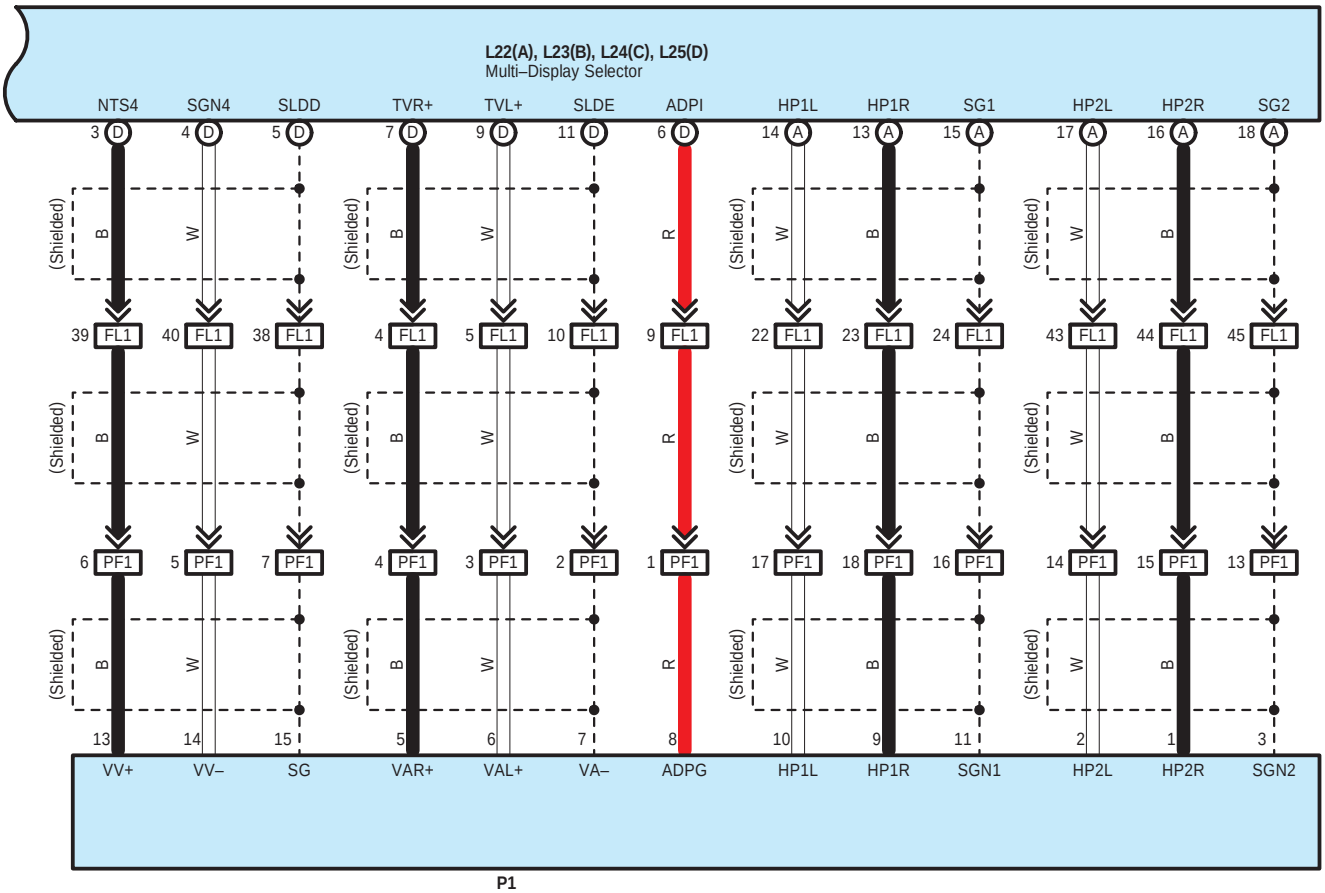

F1(A), F23(C), F24(D), F25(E), F26(F), F44(G)
Radio Receiver Assembly
(IG)
(ACC)
(BAT)
(BAT)
5A
ECU–IG
No. 1
7. 5A
ACC
10A
TV
10A
RAD
NO. 1
4 2E
1 2E
19 3C
2
1
G
GR
R
L–B
F27(A), F28(B), F29(C), F39(D), F40(E)
Multi–Display
+B1
ACC
IG
1 B
2 B
3 B
8 FE6
4 FE5
5 FE6
35 EA2
G
GR
R
L
9
11
F21
Junction Connector
12
15
F20
Junction Connector
3 FE5
1
11
F20
Junction Connector
R
GR
G
L
L


B
(*4)
B
(*4)
B
(*4)
B
(*4)
W
(*4)
W
(*4)
L
(*4)
L
(*4)

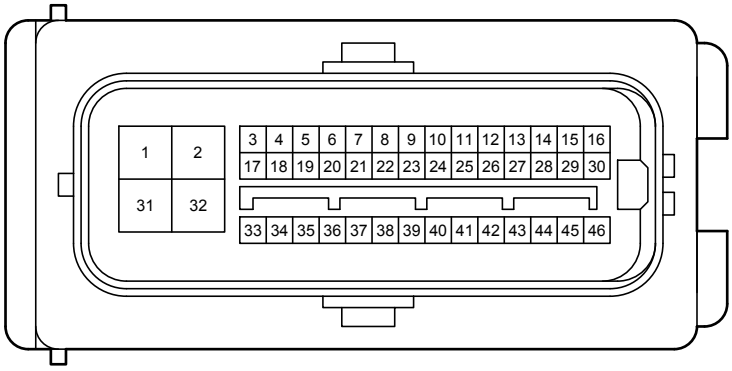

F1(A), F23(C), F24(D), F25(E), F26(F), F44(G)
Radio Receiver Assembly
R–R+
R–R–
R–L+
R–L–
RSLD
RMUT
NTRO
SGD4
SLD2
(Shielded)
(*4)
FL2
R4+
R4–
L4+
L4–
MUT4
NTS2
SGN2
SLDB
L22(A), L23(B), L24(C), L25(D)
Multi–Display Selector
+B1
ACC1
GND1
R1+
R1–
L1+
L1–
SLD1
MUT1
+B
ACC
GND
GVIF
GVIF
TX1+
TX1–
L26(A), L32(B), L49(C)
Television Display Assembly
* 4 : w/ Rear Seat Entertainment System



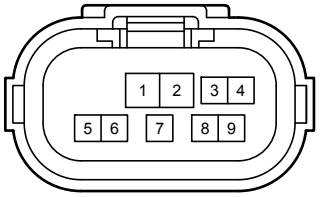

∗ 4 : w/ Rear Seat Entertainment System


L22(A), L23(B), L24(C), L25(D)
Multi–Display Selector
NTS4 SGN4 SLDD TVR+ TVL+ SLDE ADPI HP1L HP1R SG1 HP2L HP2R SG2
VV+ VV– SG VAR+ VAL+ VA– ADPG HP1L HP1R SGN1 HP2L HP2R SGN2
(Shielded)
FL1
PF1
P1
Headphone Terminal

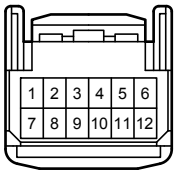
A 24
Black



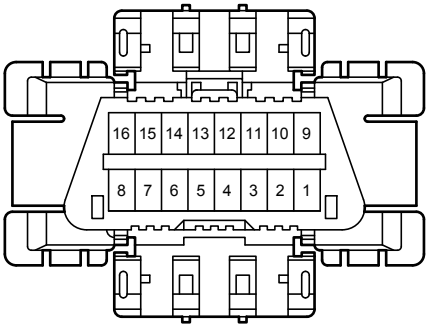

C 19
Gray




E 12
Black



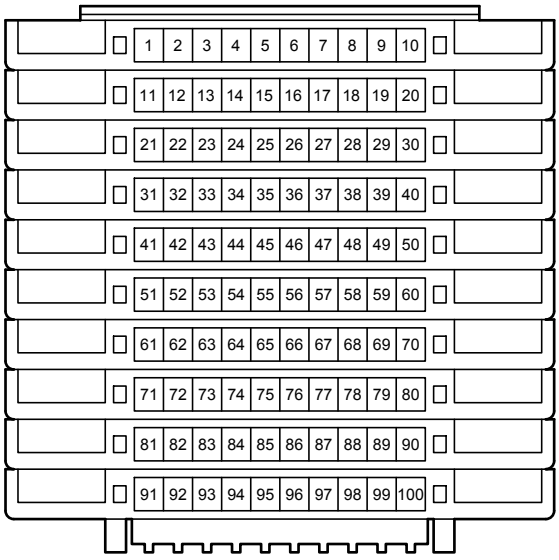

E 22
White



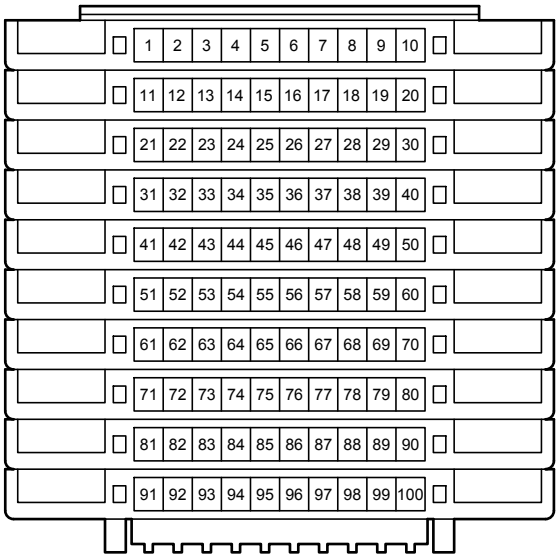

E 53
White



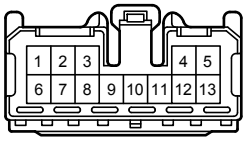

E 58
White



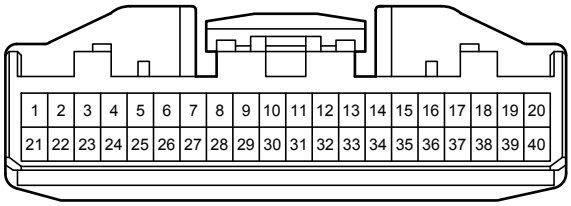

E 60
White



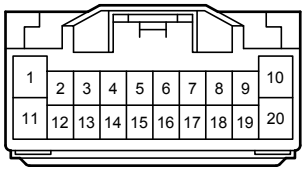

E 62
White



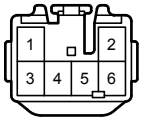

E 77
White



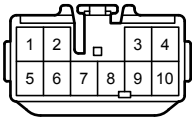
F 1
White



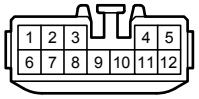

F 2
White




F 3
White



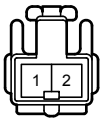

F 4
White



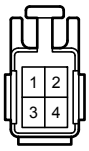

F 5
White



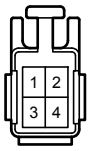

F 6
White



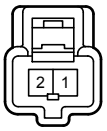

F 7
White



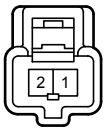

F 8
White



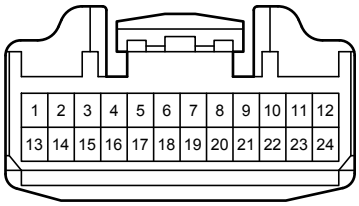

F 13
White



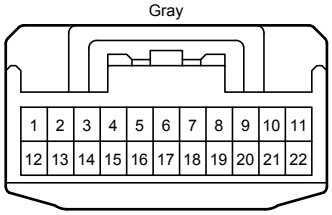

F 14
White



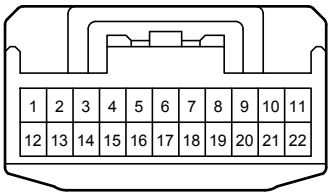

F 18
White



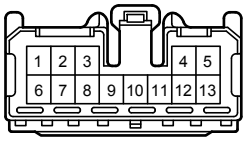

F 20
Gray



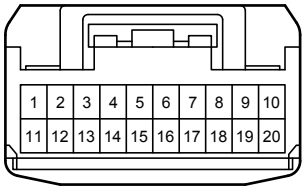

F 21
Black



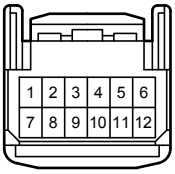

F 22
White



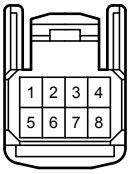

F 23
White



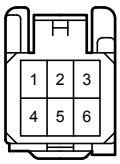

F 24
White



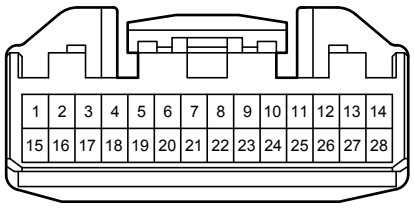

F 25
White



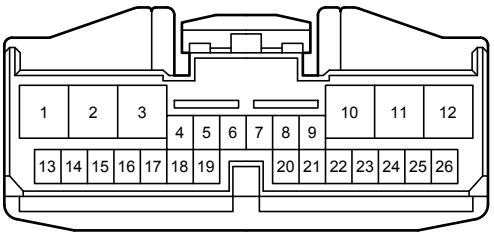

F 26
Blue



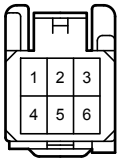

F 27
White



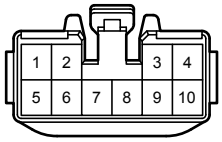

F 28
White



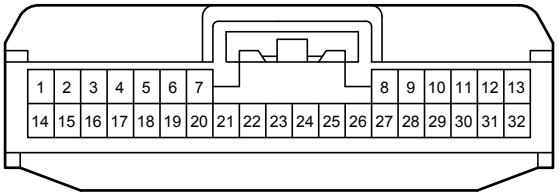

F 29
Blue



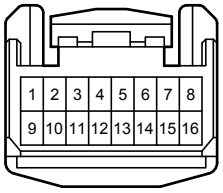

F 31
White




F 36
White



F 39
White



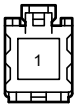

F 40
Blue



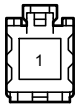

F 41
White




F 43
Blue



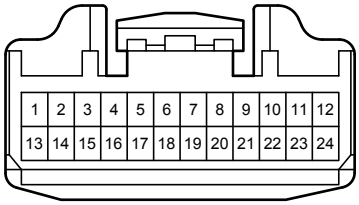

F 44
Blue



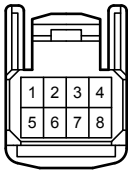

F 47
Blue




F 48
White




F 49
White




F 51
White




F 52
Gray



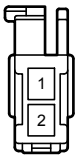

F 53
Gray



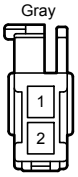

I 1
White



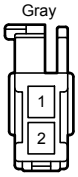

I 10
White




J 1
Gray



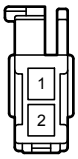

J 8
Gray



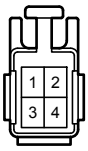

J 15
White



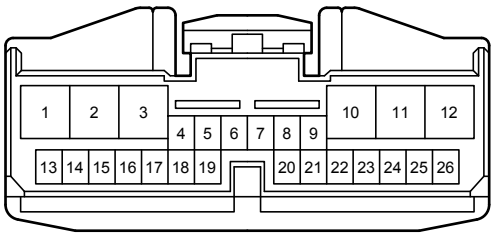

J 17
White



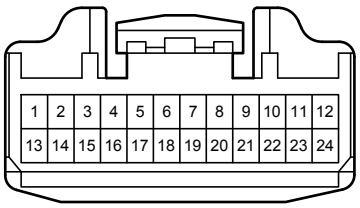

L 4
White



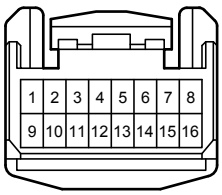

L 22
White



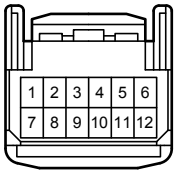

L 23
White



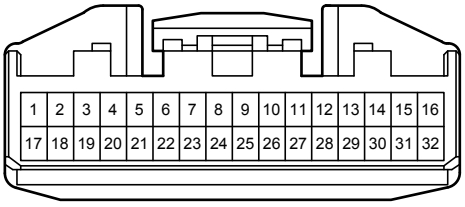

L 24
White




L 25
White




L 26
White



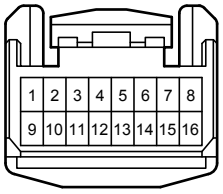

L 32
Blue



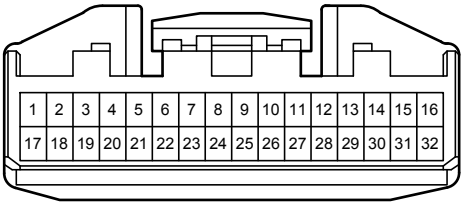

L 49
White



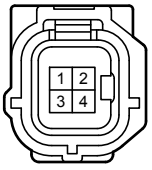

P 1
White



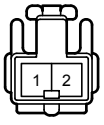

R 7
White



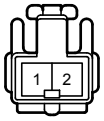

S 5
Black



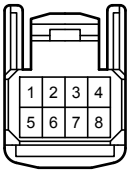

S 8
Blue



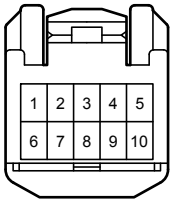
S 9
Blue



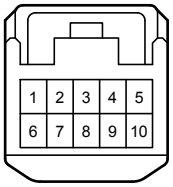

V 2
White



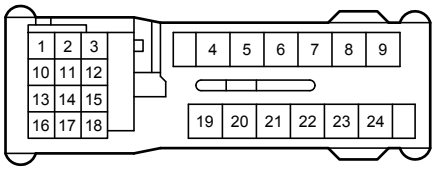

z 35
White



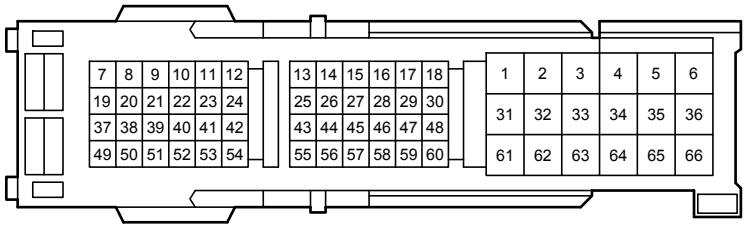

z 51
Blue



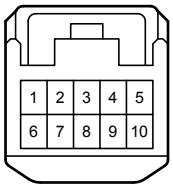

2B
White



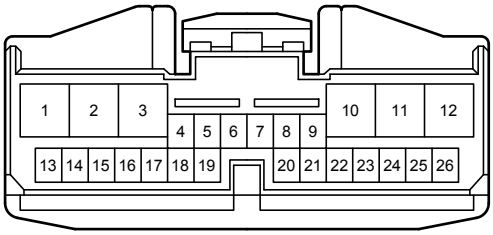

2D
White



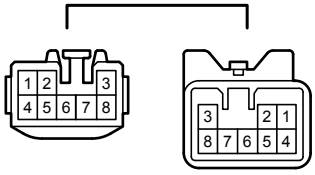

2E
White



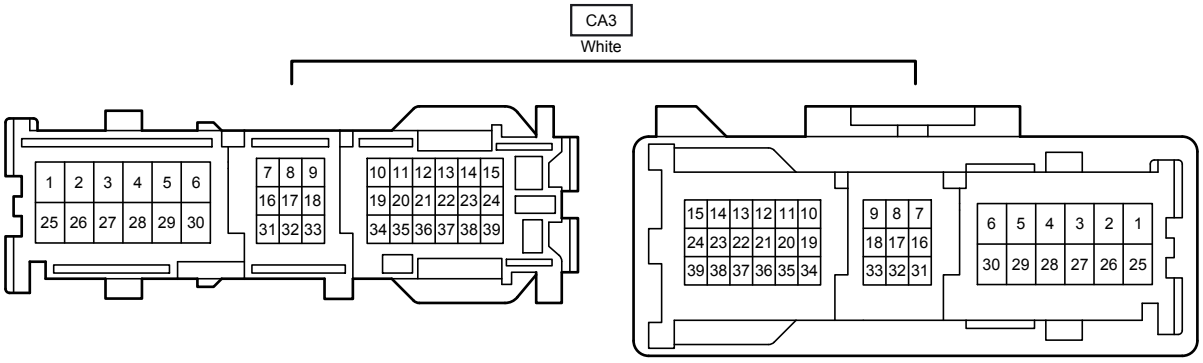

3C
White




AL1
White

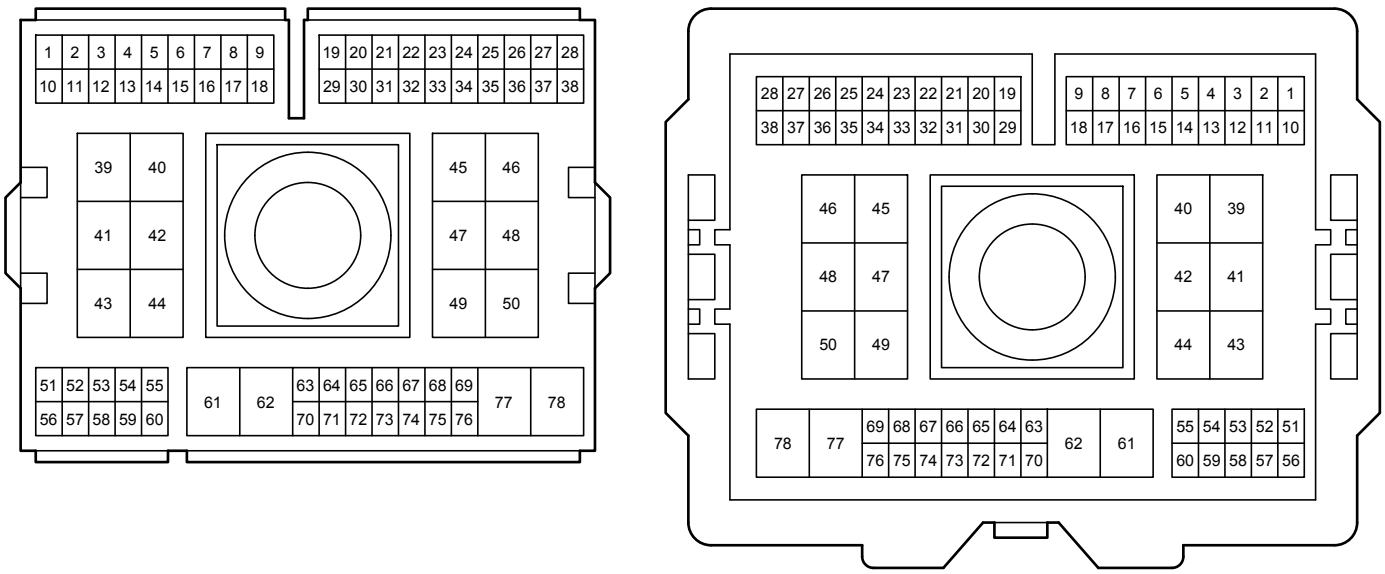



CA3
White



EA1

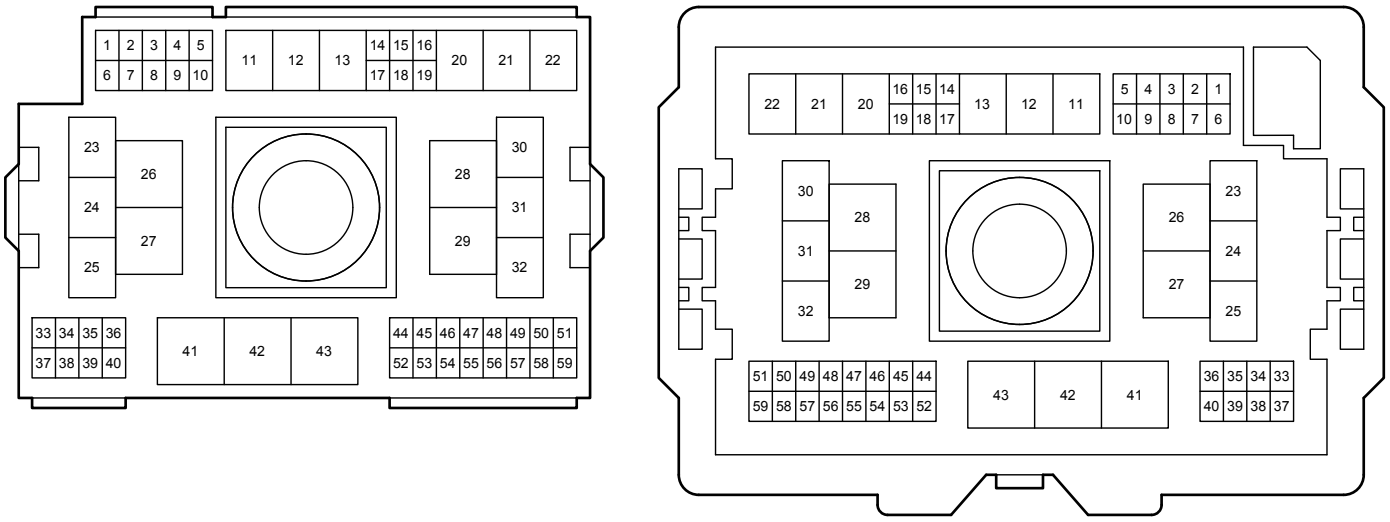
White




EA2

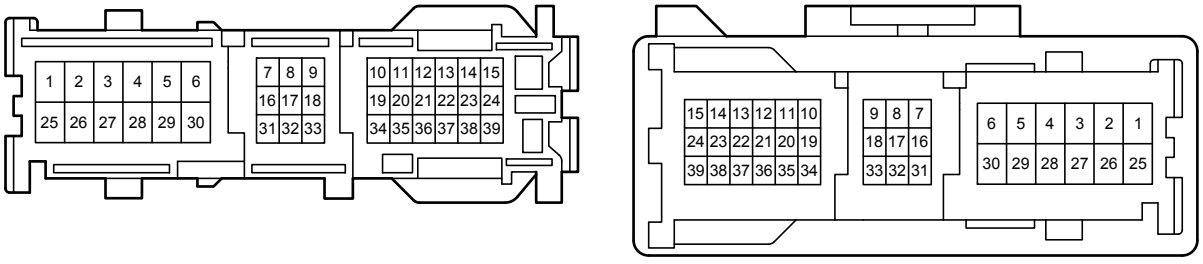
White

Gray

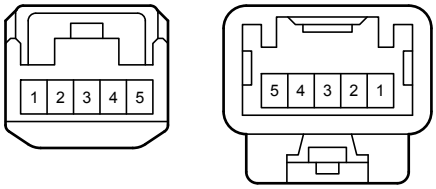



EA4

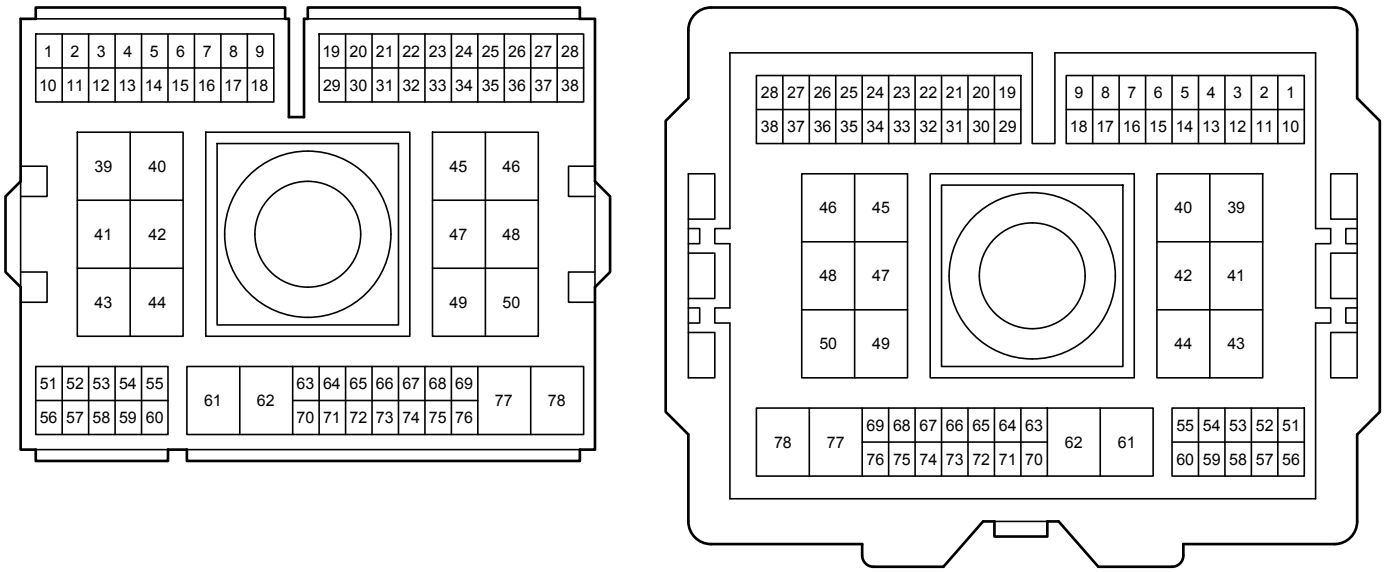
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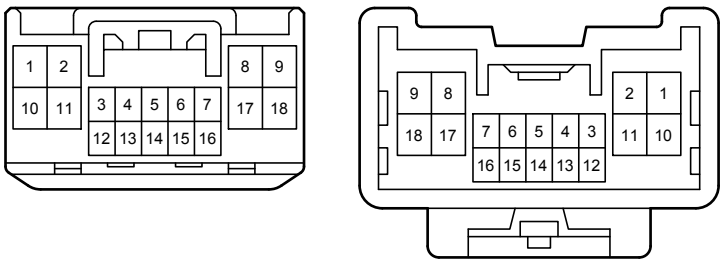
EF1
White



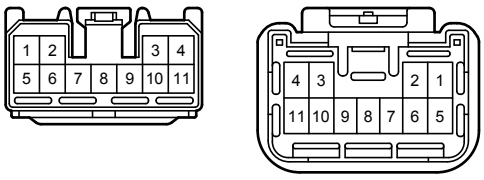

EK2
White



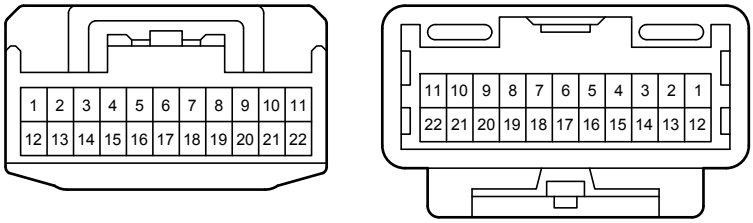

FE1
White



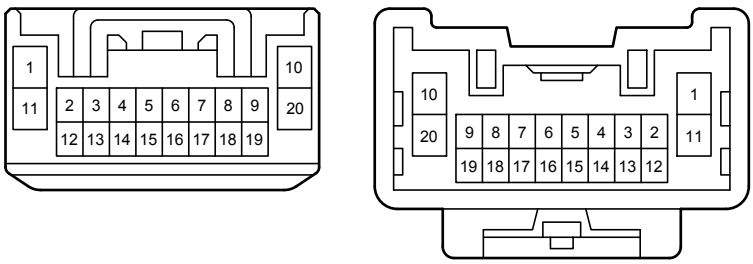

FE2
White



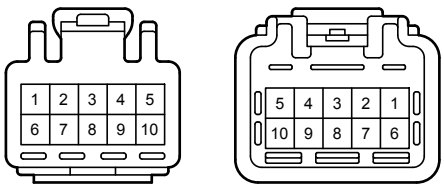

FE3
White



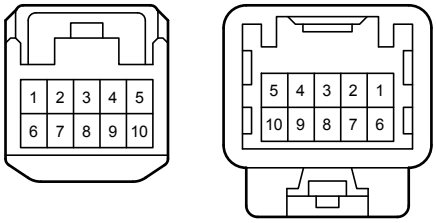
FE4
White



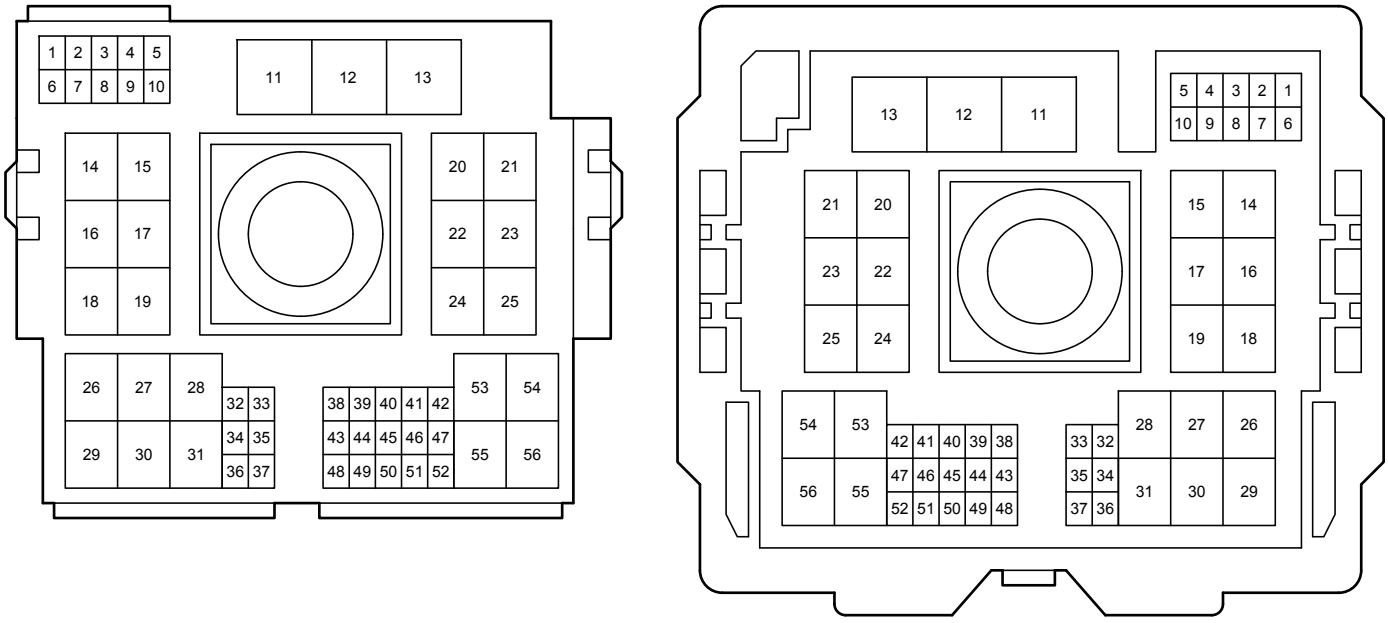

FE5
White



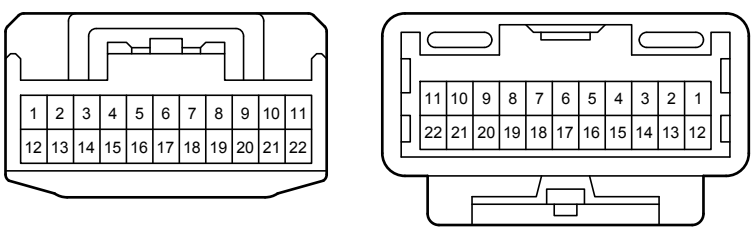

FE6
White



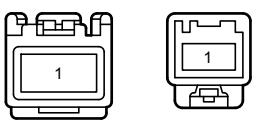

FL1
White Blue



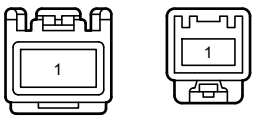

FL2
Blue



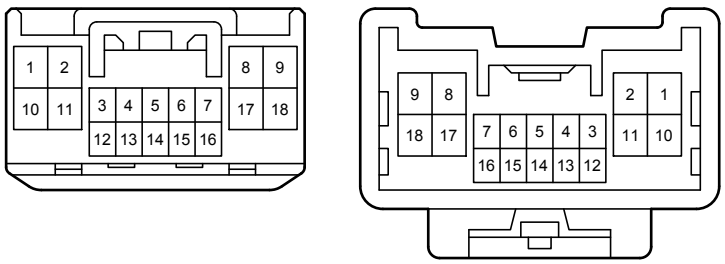

FL3
White



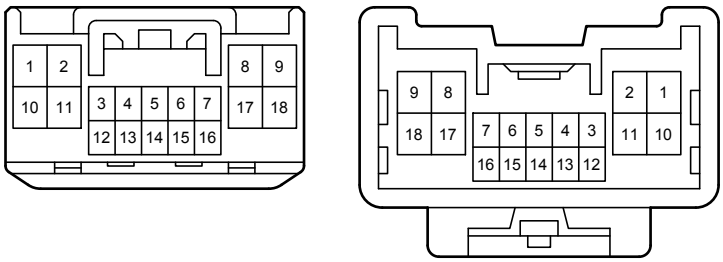
FL4
Blue



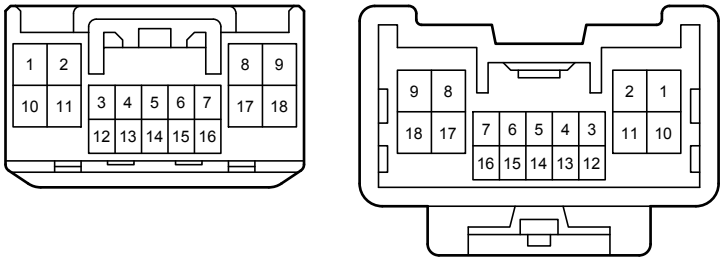

IE3
White



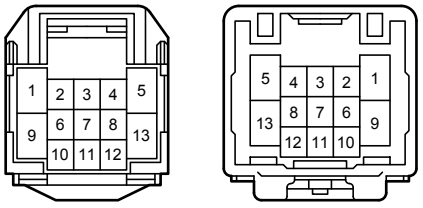

IE6
White



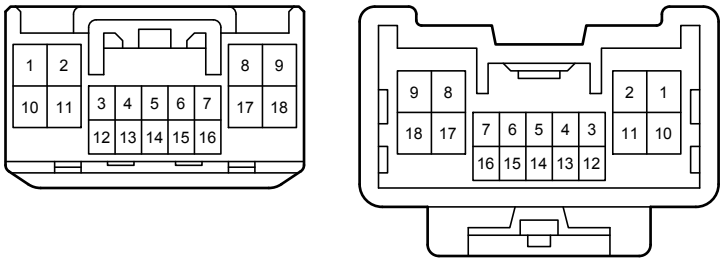

JK1
White



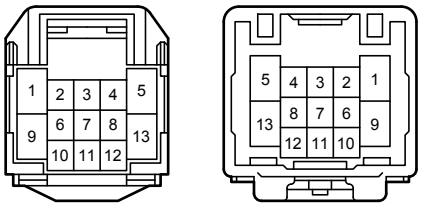

JK2
White

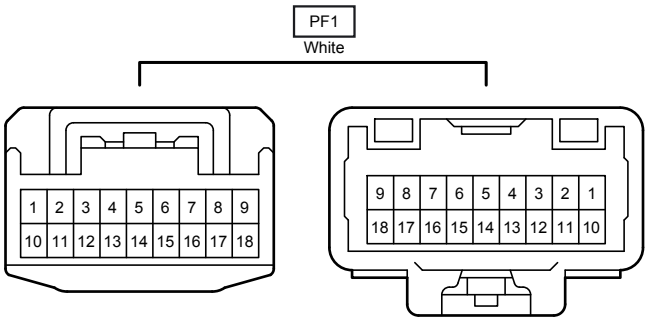


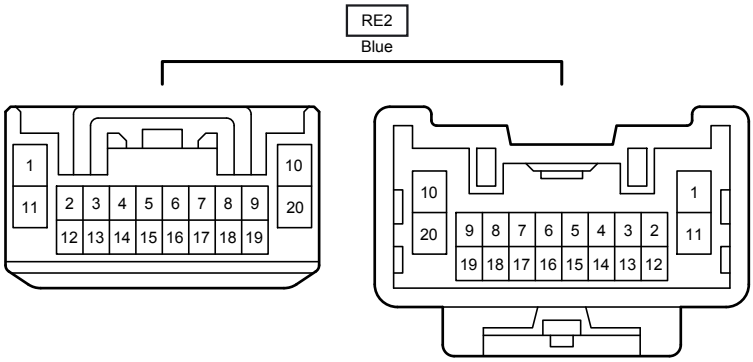

JL1
White

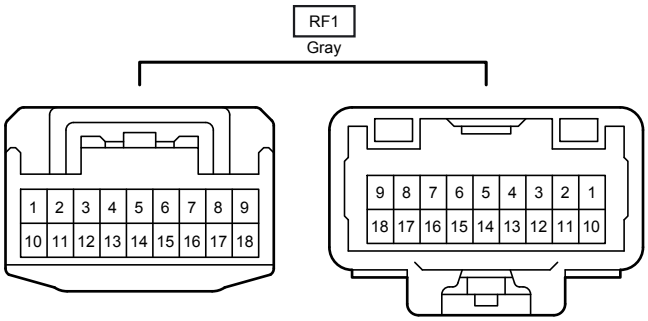


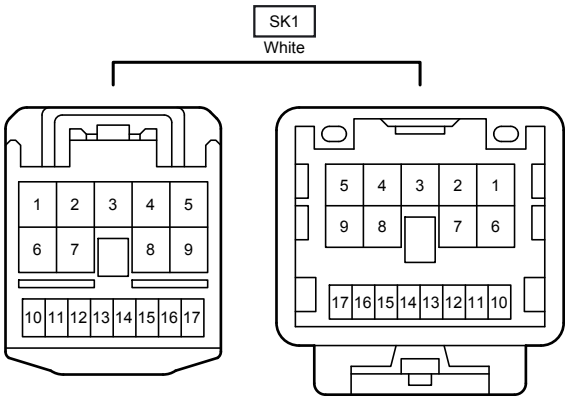

JL2
White

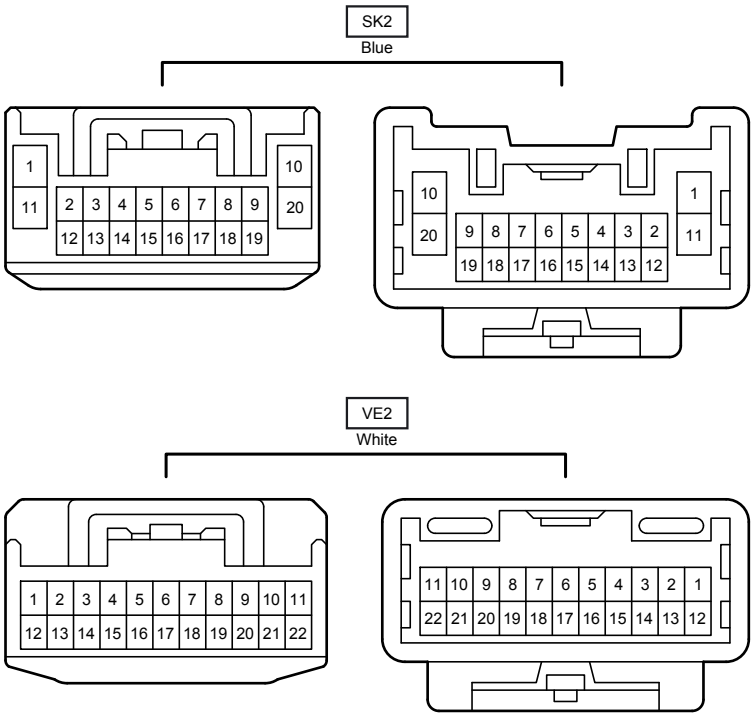



PF1
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10

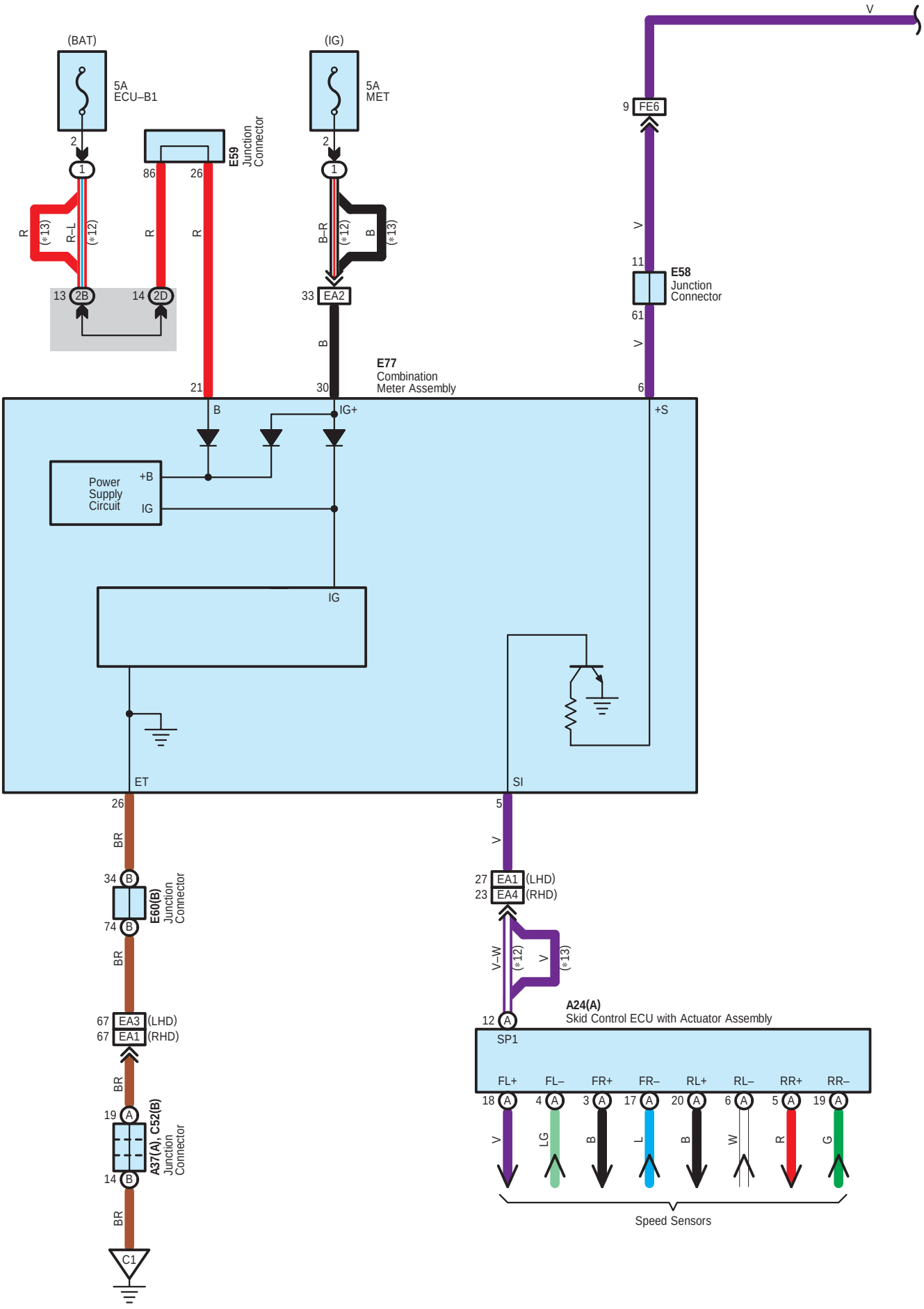

RE2
Blue
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11

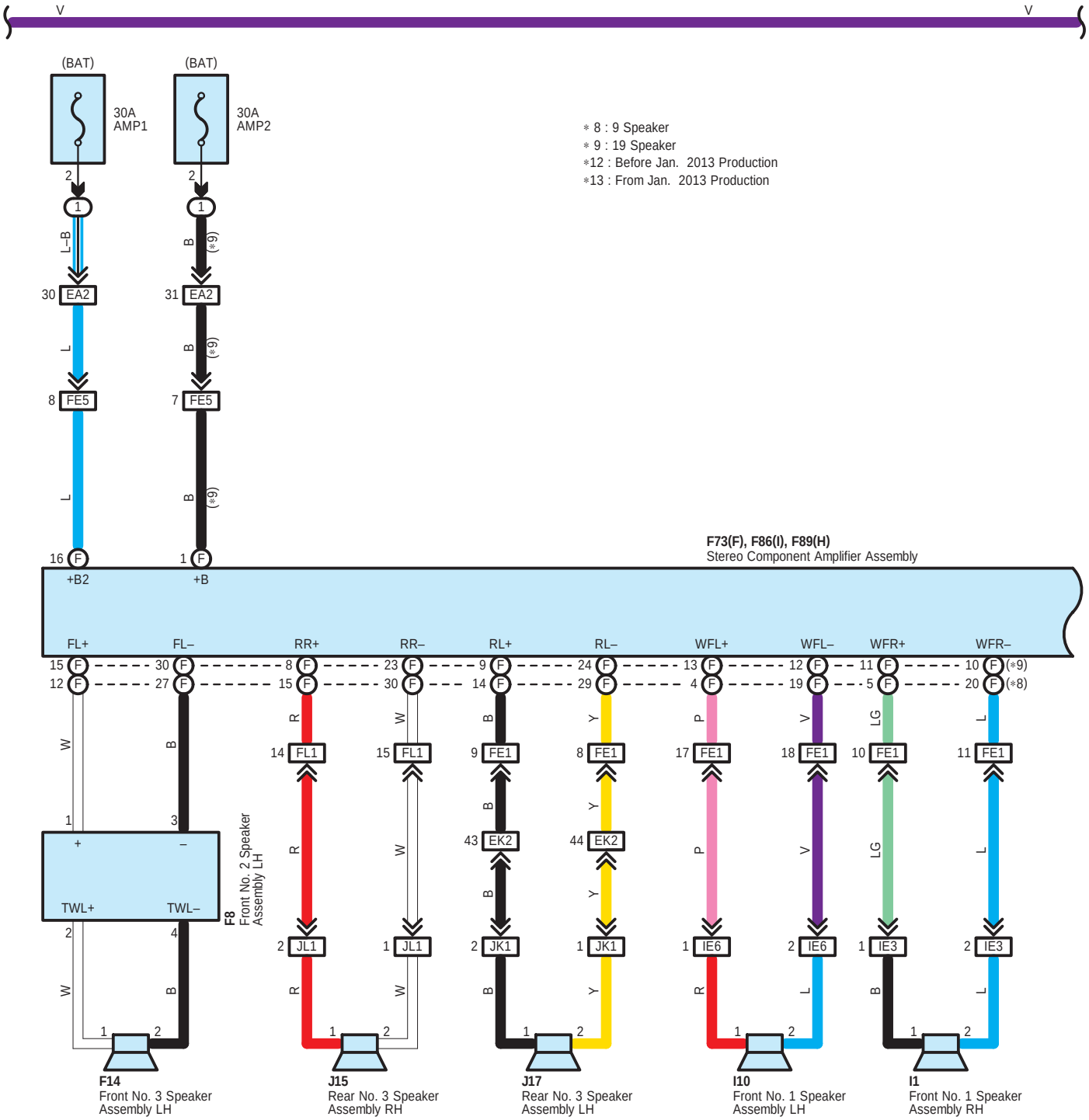

RF1
Gray
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10

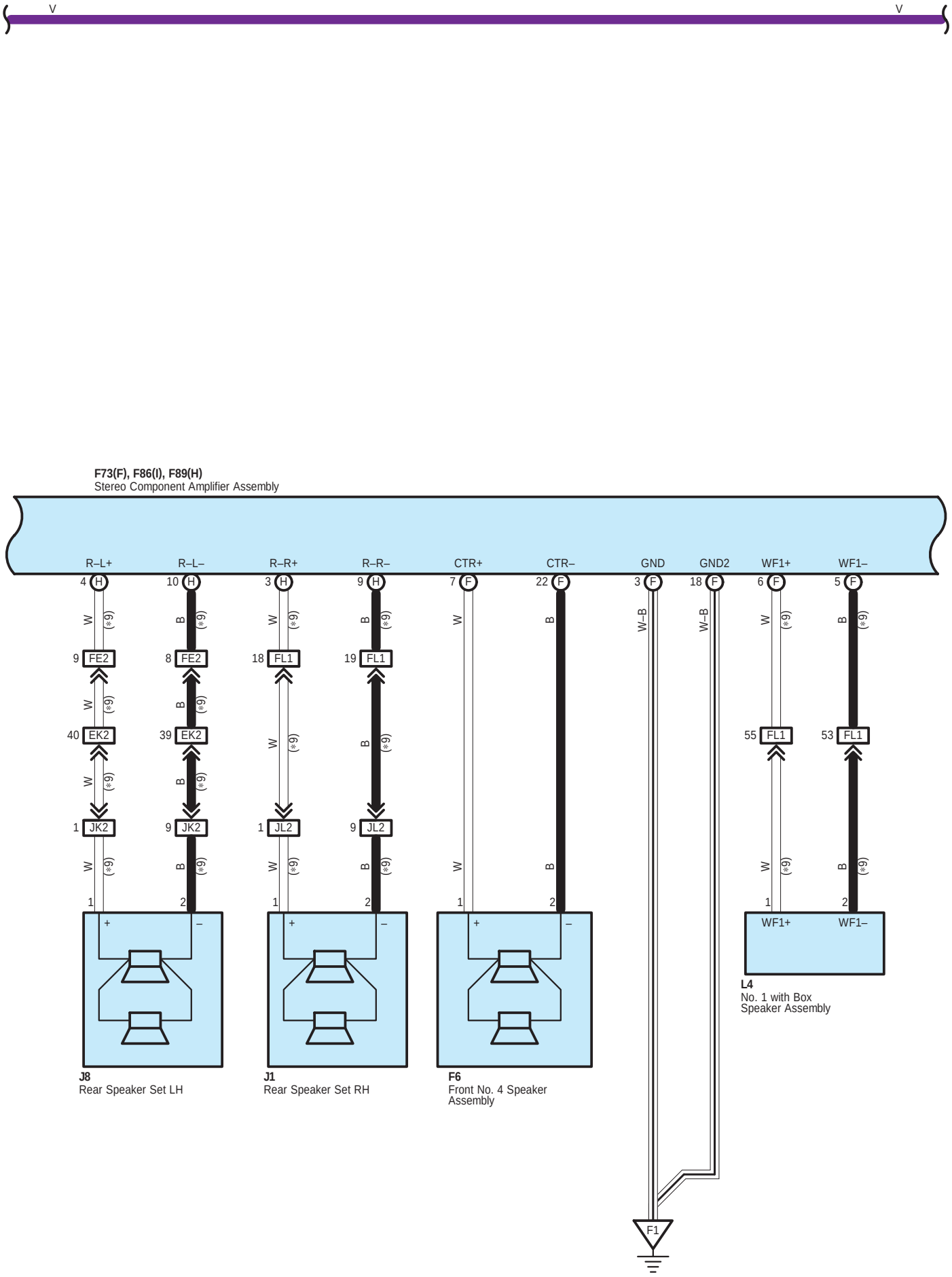

SK1
White
1 2 3 4 5
6 7 8 9
10 11 12 13 14 15 16 17
5 4 3 2 1
9 8 7 6
17 16 15 14 13 12 11 10

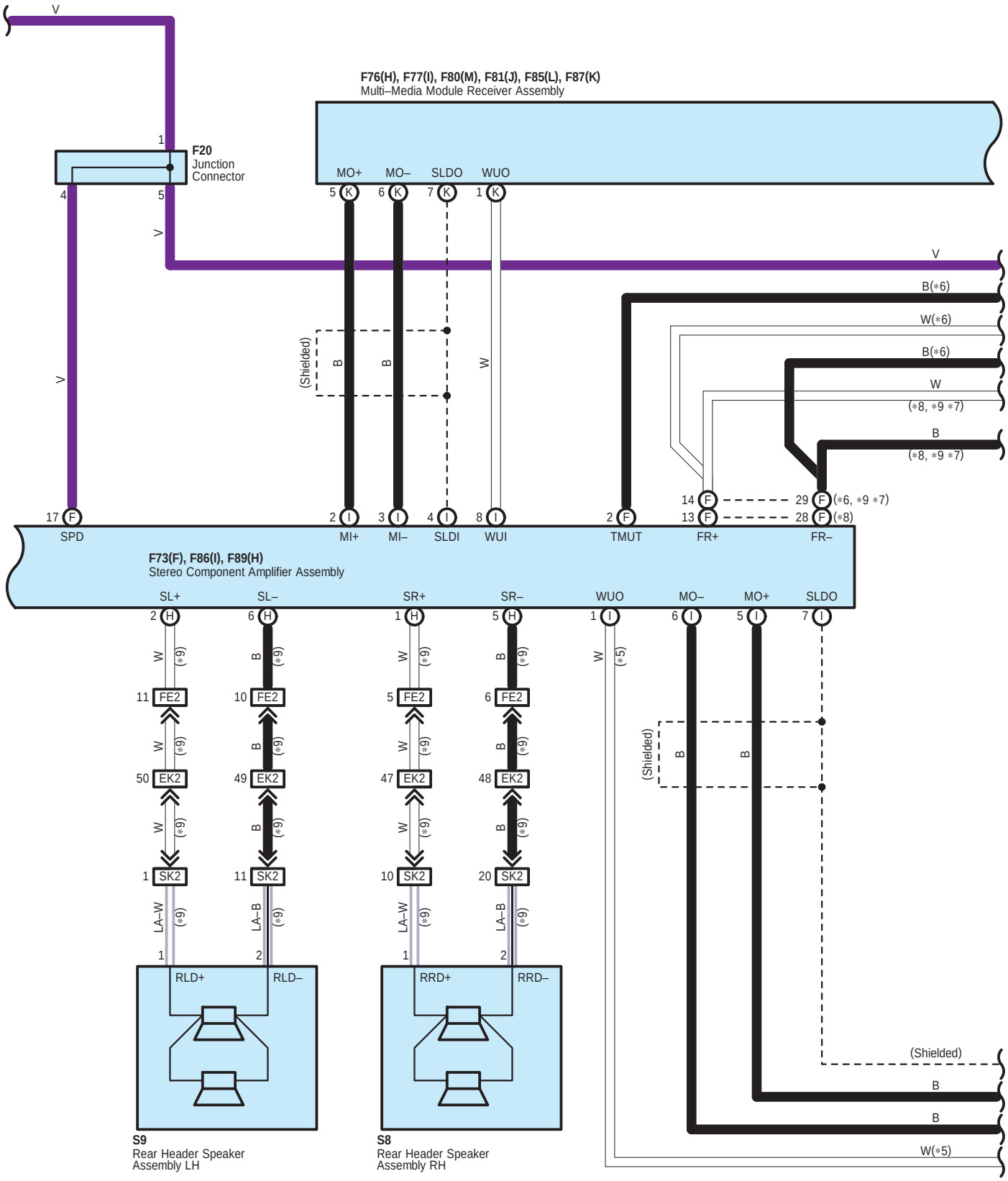

SK2
Blue
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11


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

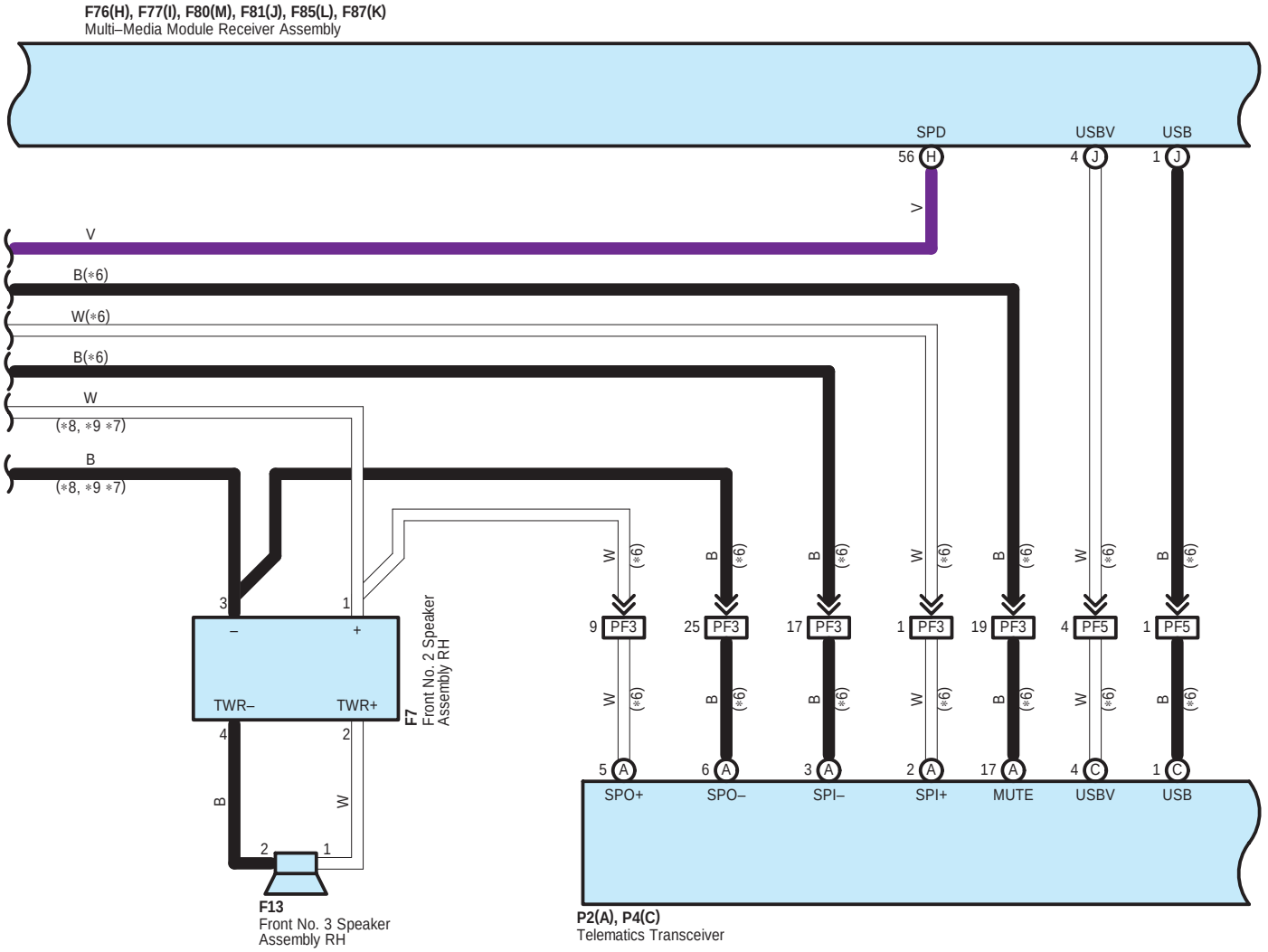

(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction
Connector
E58
Junction
Connector
E77
Combination
Meter Assembly
Power
Supply
Circuit
+B
IG
B
IG+
+S
ET
SI
E60(B)
Junction
Connector
A37(A), C52(B)
Junction
Connector
C1
A24(A)
Skid Control ECU with Actuator Assembly
SP1
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
Speed Sensors
(LHD)
(RHD)
(*12)
(*13)


V
V
(BAT)
(BAT)
30A
AMP1
30A
AMP2
∗ 8 : 9 Speaker
∗ 9 : 19 Speaker
∗12 : Before Jan. 2013 Production
∗13 : From Jan. 2013 Production
F73(F), F86(I), F89(H)
Stereo Component Amplifier Assembly
+B2
+B
FL+
FL−
RR+
RR−
RL+
RL−
WFL+
WFL−
WFR+
WFR−
F8
Front No. 2 Speaker
Assembly LH
TWL+
TWL−
F14
Front No. 3 Speaker
Assembly LH
J15
Rear No. 3 Speaker
Assembly RH
J17
Rear No. 3 Speaker
Assembly LH
I10
Front No. 1 Speaker
Assembly LH
I1
Front No. 1 Speaker
Assembly RH


V
V
F73(F), F86(I), F89(H)
Stereo Component Amplifier Assembly
R–L+
R–L–
R–R+
R–R–
CTR+
CTR–
GND
GND2
WF1+
WF1–
4 H
10 H
3 H
9 H
7 F
22 F
3 F
18 F
6 F
5 F
W (*9)
B (*9)
9 FE2
8 FE2
18 FL1
19 FL1
40 EK2
39 EK2
55 FL1
53 FL1
1 JK2
9 JK2
1 JL2
9 JL2
1
2
+
–
W–B
F1
WF1+
WF1–
J8
Rear Speaker Set LH
J1
Rear Speaker Set RH
F6
Front No. 4 Speaker Assembly
L4
No. 1 with Box Speaker Assembly

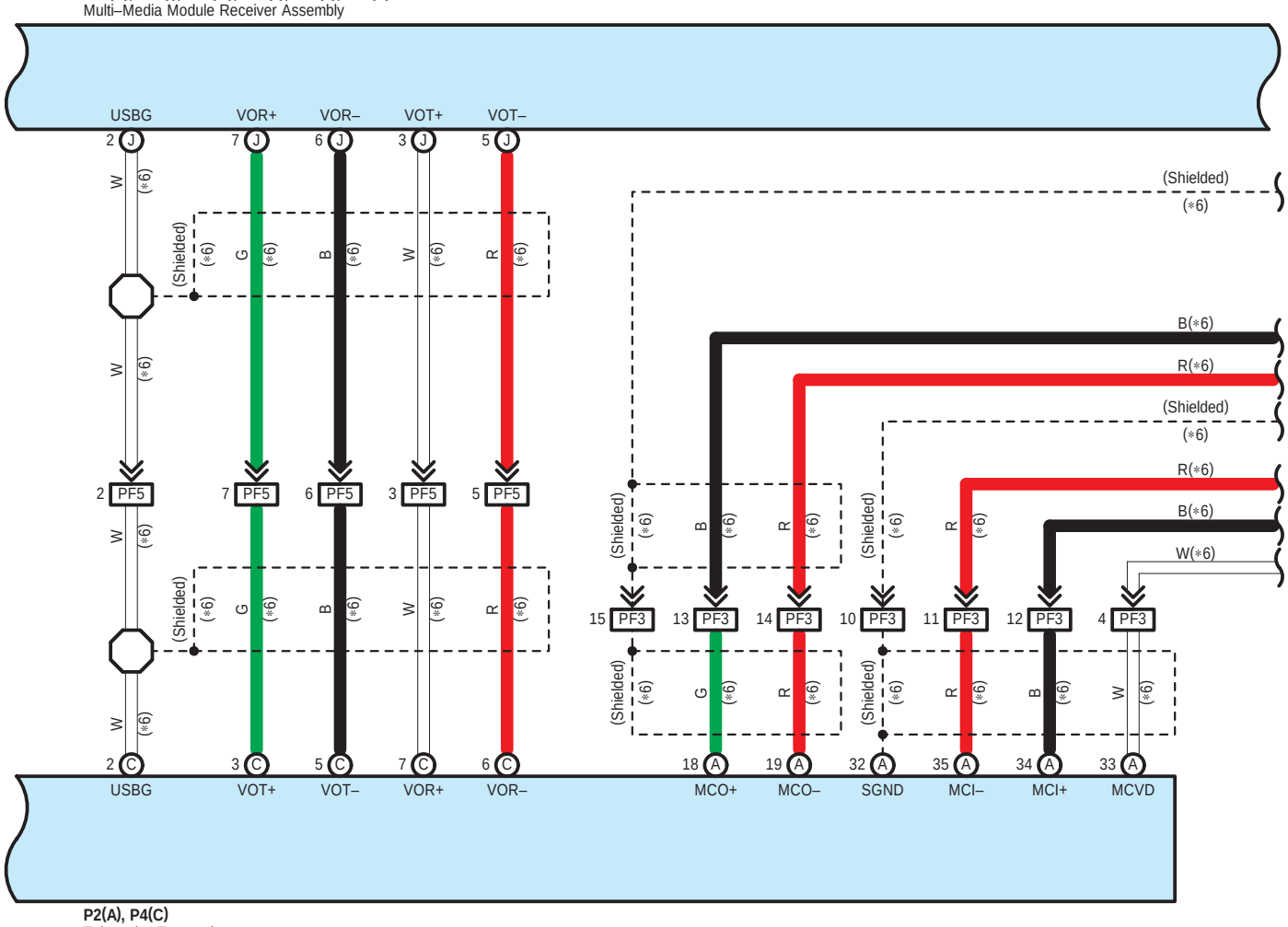



∗ 5 : w/ Rear Seat Entertainment System
∗ 6 : w/ Telematics System
∗ 7 : w/o Telematics System
∗ 8 : 9 Speaker
∗ 9 : 19 Speaker


F76(H), F77(I), F80(M), F81(J), F85(L), F87(K)
Multi–Media Module Receiver Assembly
SPD
USBV
USB
56 H
4 J
1 J
V
V
B(∗6)
W(∗6)
B(∗6)
W
(∗8, ∗9 ∗7)
B
(∗8, ∗9 ∗7)
3
1
–
+
TWR–
TWR+
F7
Front No. 2 Speaker
Assembly RH
4
2
B
W
2
1
F13
Front No. 3 Speaker
Assembly RH
9 PF3
25 PF3
17 PF3
1 PF3
19 PF3
4 PF5
1 PF5
5 A
6 A
3 A
2 A
17 A
4 C
1 C
SPO+
SPO–
SPI–
SPI+
MUTE
USBV
USB
P2(A), P4(C)
Telematics Transceiver


(Shielded)
(Shielded)
B
B
B
B
W(∗5)
W(∗5)

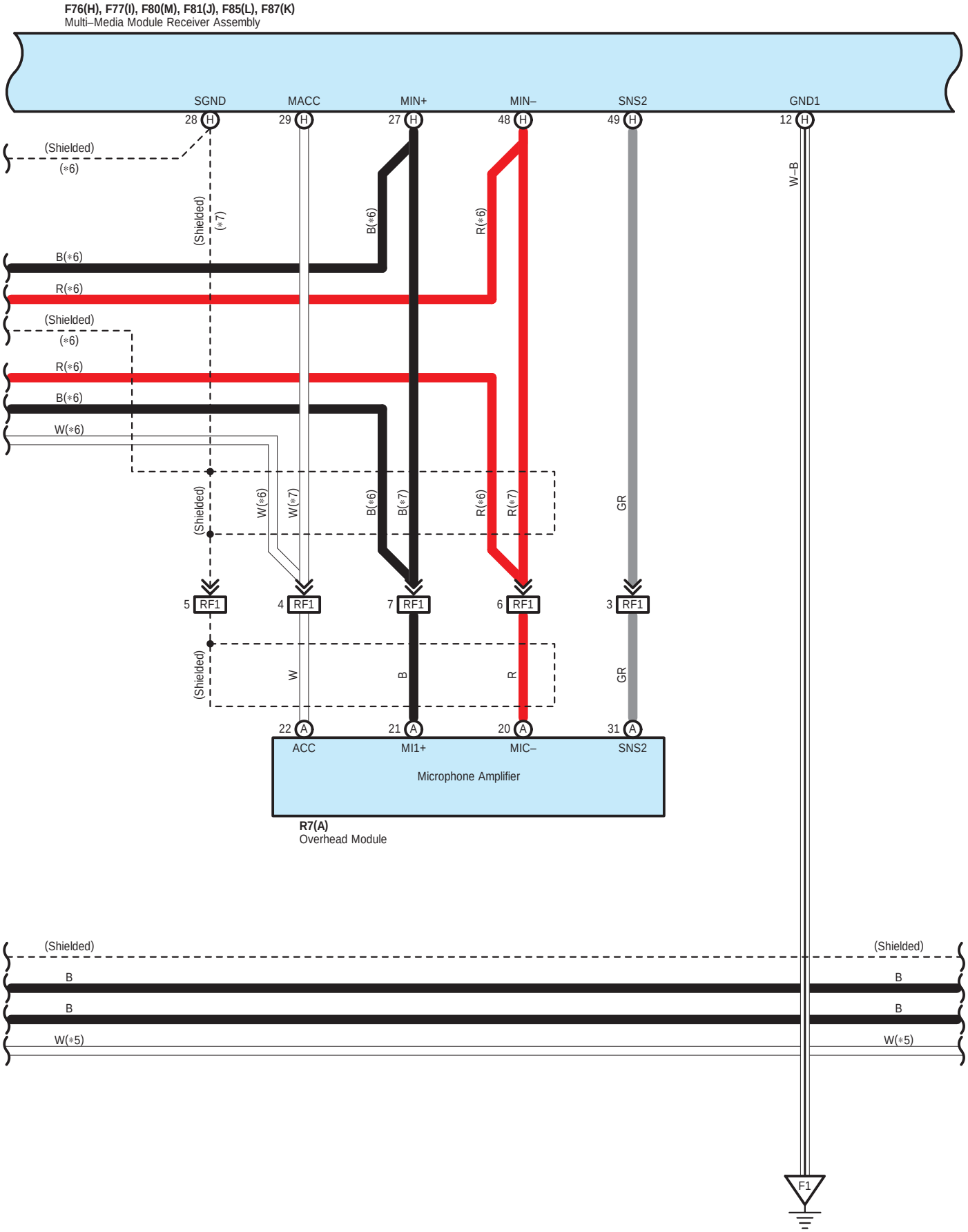
**F76(H), F77(I), F80(M), F81(J), F85(L), F87(K)**
Multi–Media Module Receiver Assembly



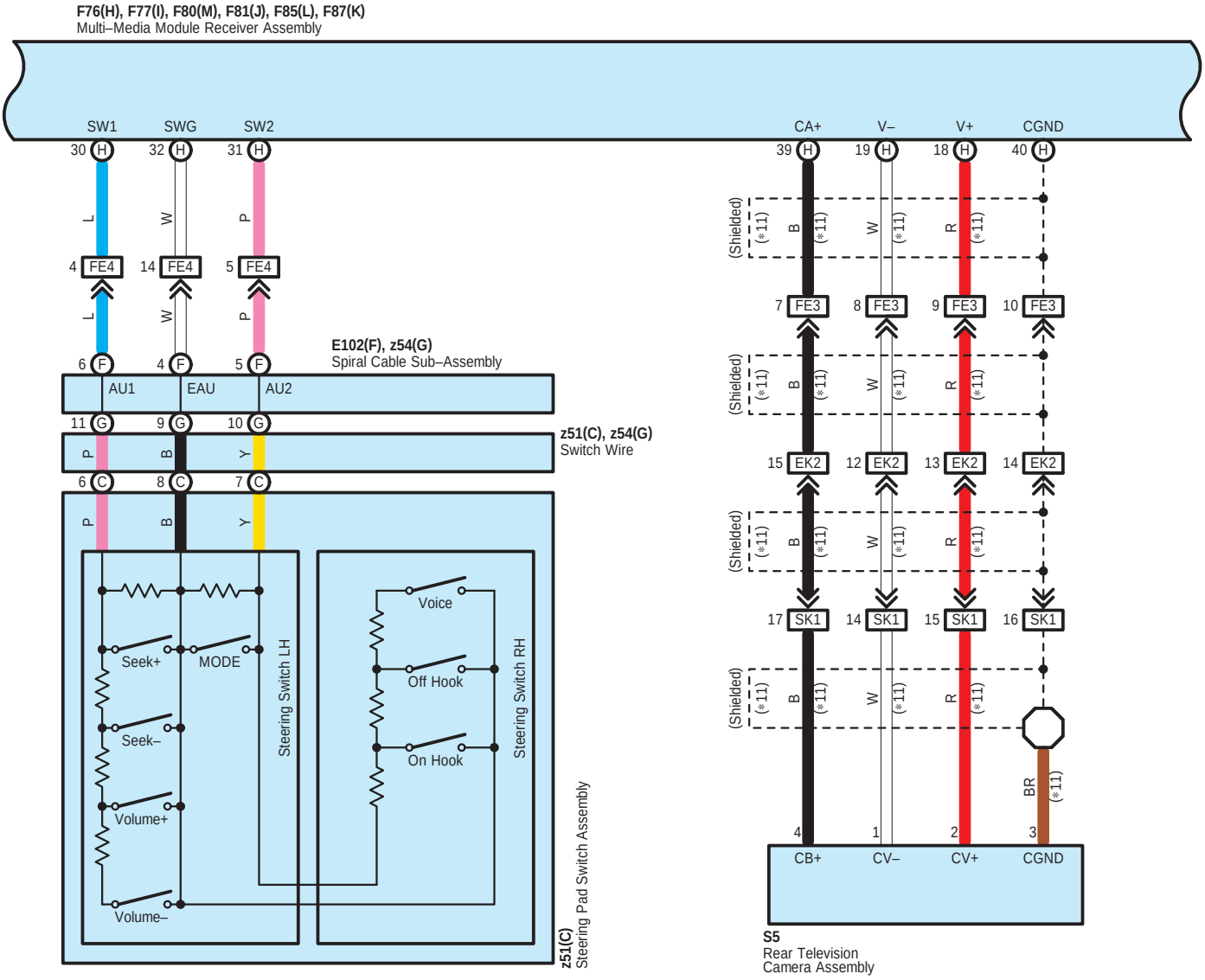

**P2(A), P4(C)**
Telematics Transceiver

∗ 5 : w/ Rear Seat Entertainment System
∗ 6 : w/ Telematics System
∗ 7 : w/o Telematics System
∗ 8 : 9 Speaker
∗ 9 : 19 Speaker

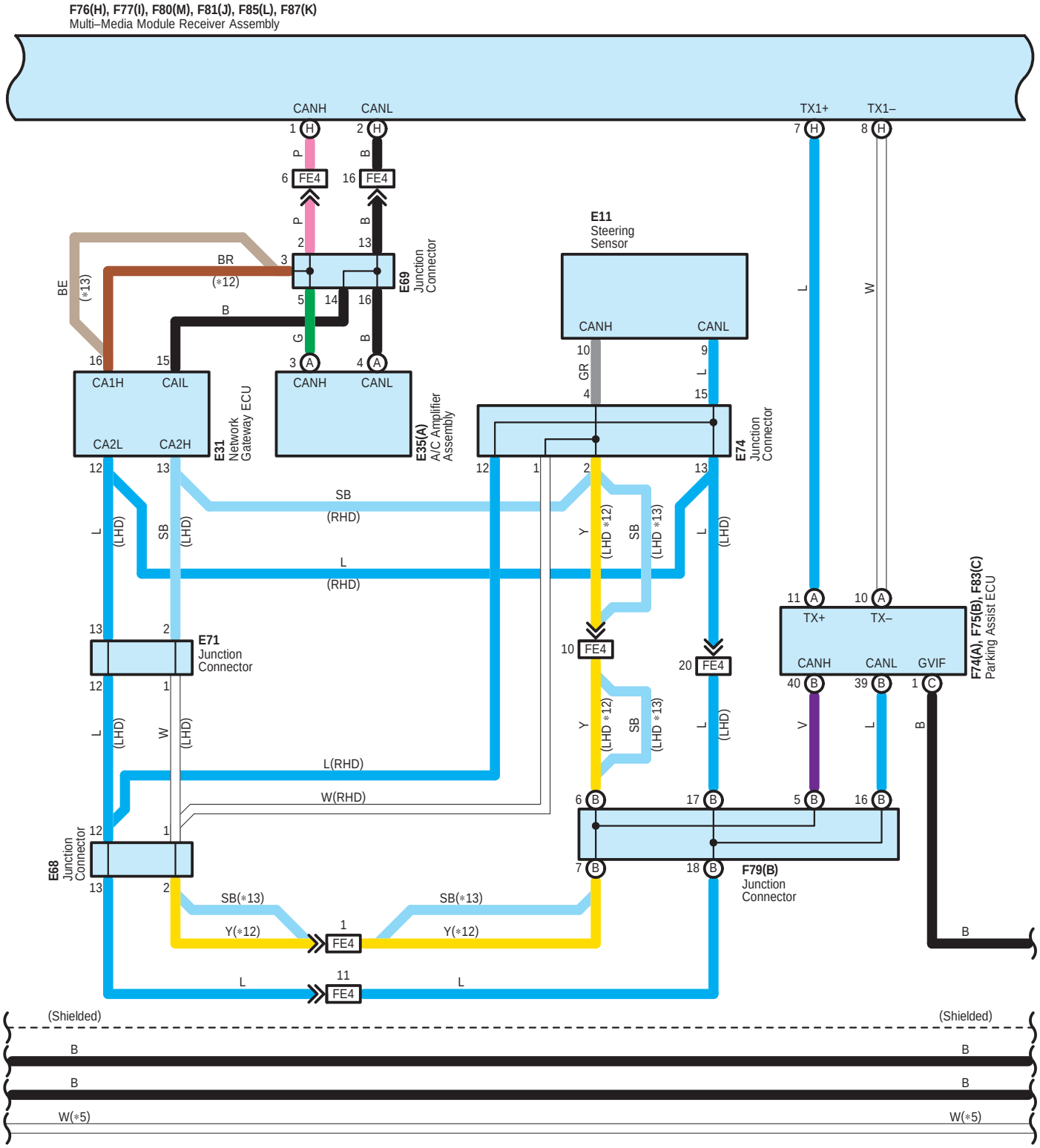



F76(H), F77(I), F80(M), F81(J), F85(L), F87(K)
Multi–Media Module Receiver Assembly
SGND
MACC
MIN+
MIN–
SNS2
GND1
28 H
29 H
27 H
48 H
49 H
12 H
(Shielded)
(∗6)
(Shielded)
(∗7)
B(∗6)
R(∗6)
W–B
B(∗6)
R(∗6)
(Shielded)
(∗6)
R(∗6)
B(∗6)
W(∗6)
(Shielded)
W(∗6)
W(∗7)
B(∗6)
B(∗7)
R(∗6)
R(∗7)
GR
5 RF1
4 RF1
7 RF1
6 RF1
3 RF1
(Shielded)
W
B
R
GR
22 A
21 A
20 A
31 A
ACC
MI1+
MIC–
SNS2
Microphone Amplifier
R7(A)
Overhead Module
(Shielded)
(Shielded)
B
B
B
B
W(∗5)
W(∗5)
F1

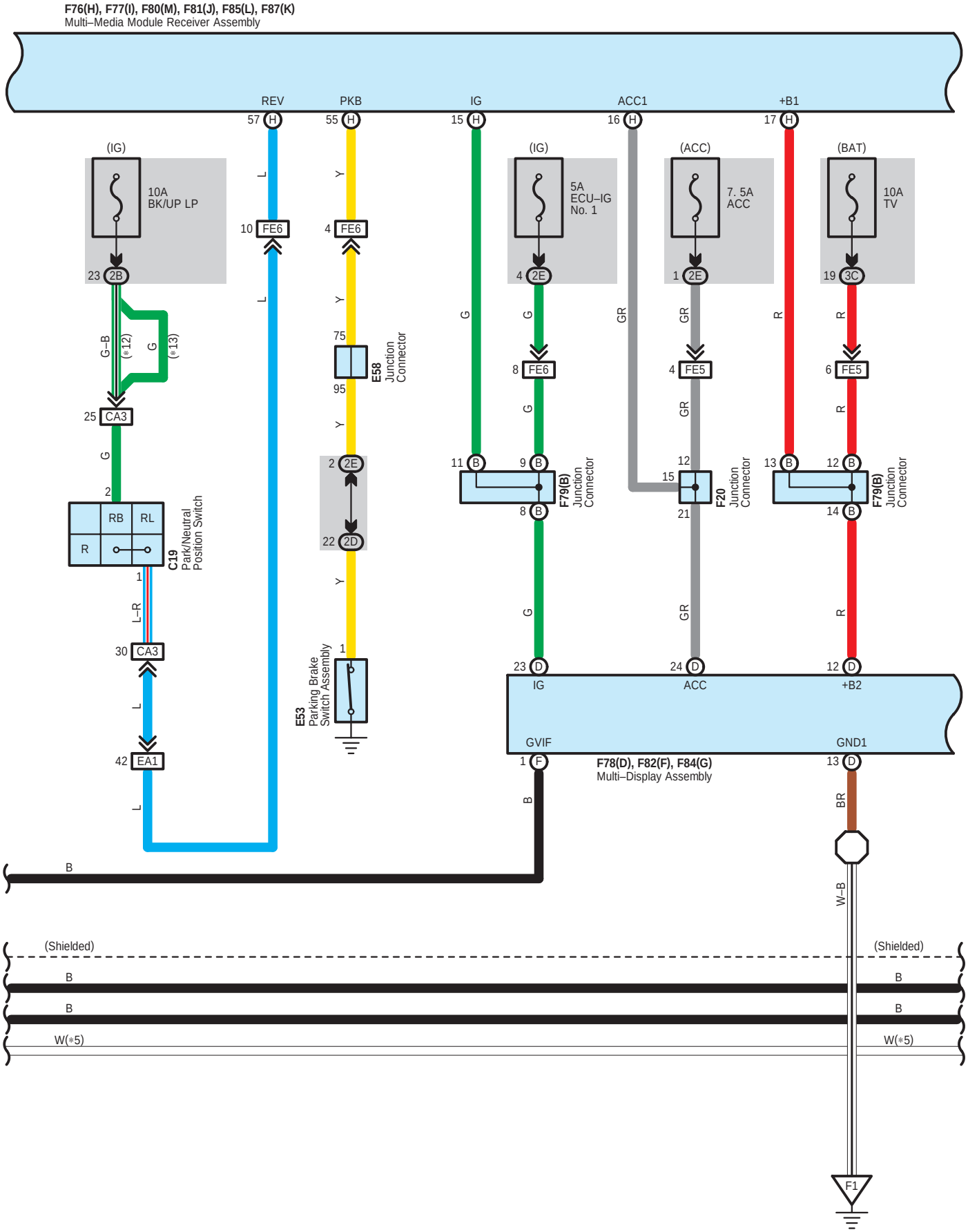
∗ 6 : w/ Telematics System
∗ 7 : w/o Telematics System
∗ 5 : w/ Rear Seat Entertainment System
∗11 : w/ Back Guide Monitor w/o Multi–Terrain Monitor

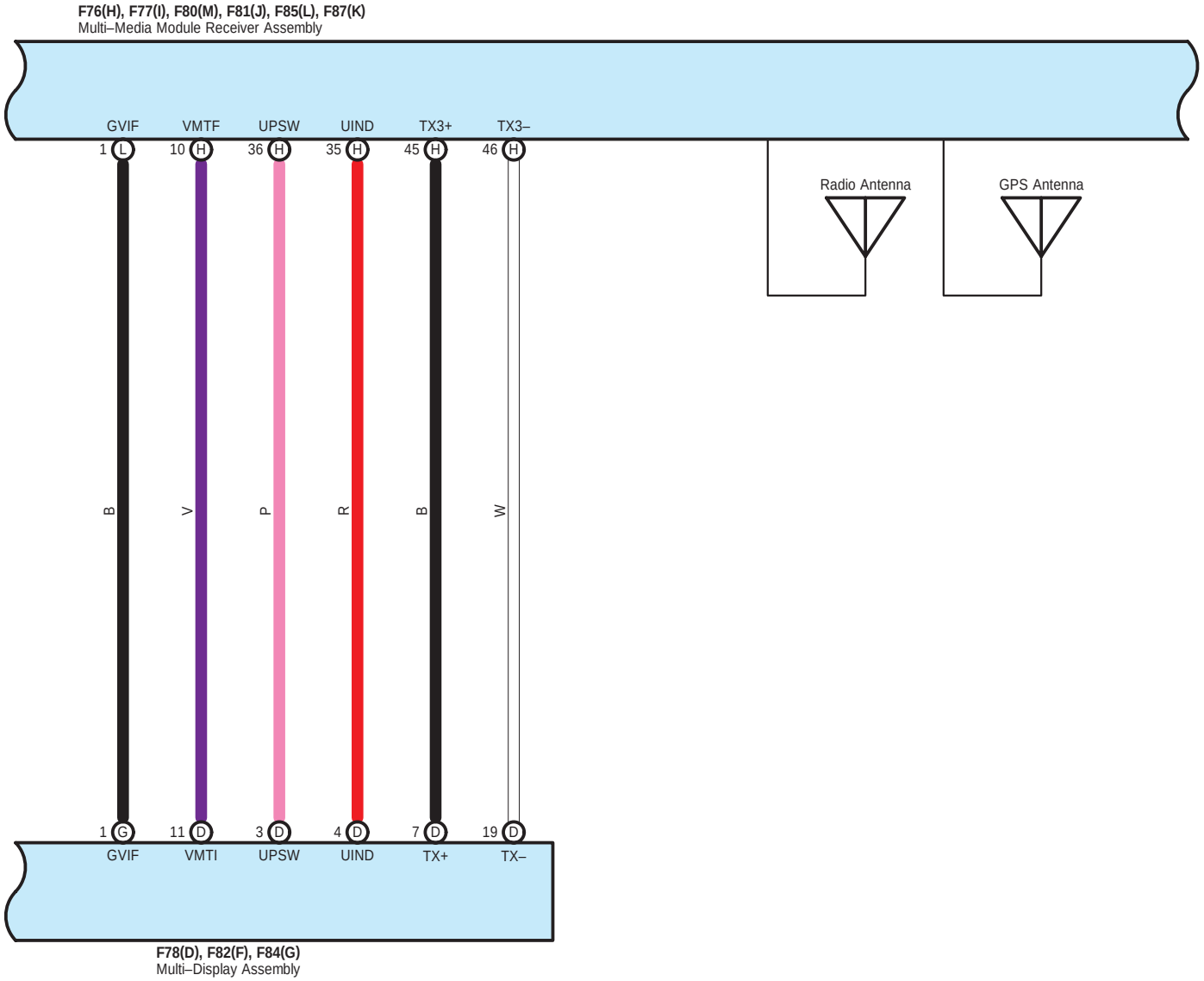






F76(H), F77(I), F80(M), F81(J), F85(L), F87(K)
Multi–Media Module Receiver Assembly
CANH
CANL
TX1+
TX1–
E69 Junction Connector
E11 Steering Sensor
E31 Network Gateway ECU
E35(A) A/C Amplifier Assembly
E74 Junction Connector
E71 Junction Connector
E68 Junction Connector
F79(B) Junction Connector
F74(A), F75(B), F83(C) Parking Assist ECU
TX+
TX–
GVIF
CA1H
CAIL
CA2L
CA2H
FE4
BR
(*12)
BE
(*13)
SB
(RHD)
L
(RHD)
L(RHD)
W(RHD)
SB(*13)
Y(*12)
(LHD)
(LHD *12)
(LHD *13)
(Shielded)
W(*5)

∗ 5 : w/ Rear Seat Entertainment System
∗12 : Before Jan. 2013 Production
∗13 : From Jan. 2013 Production



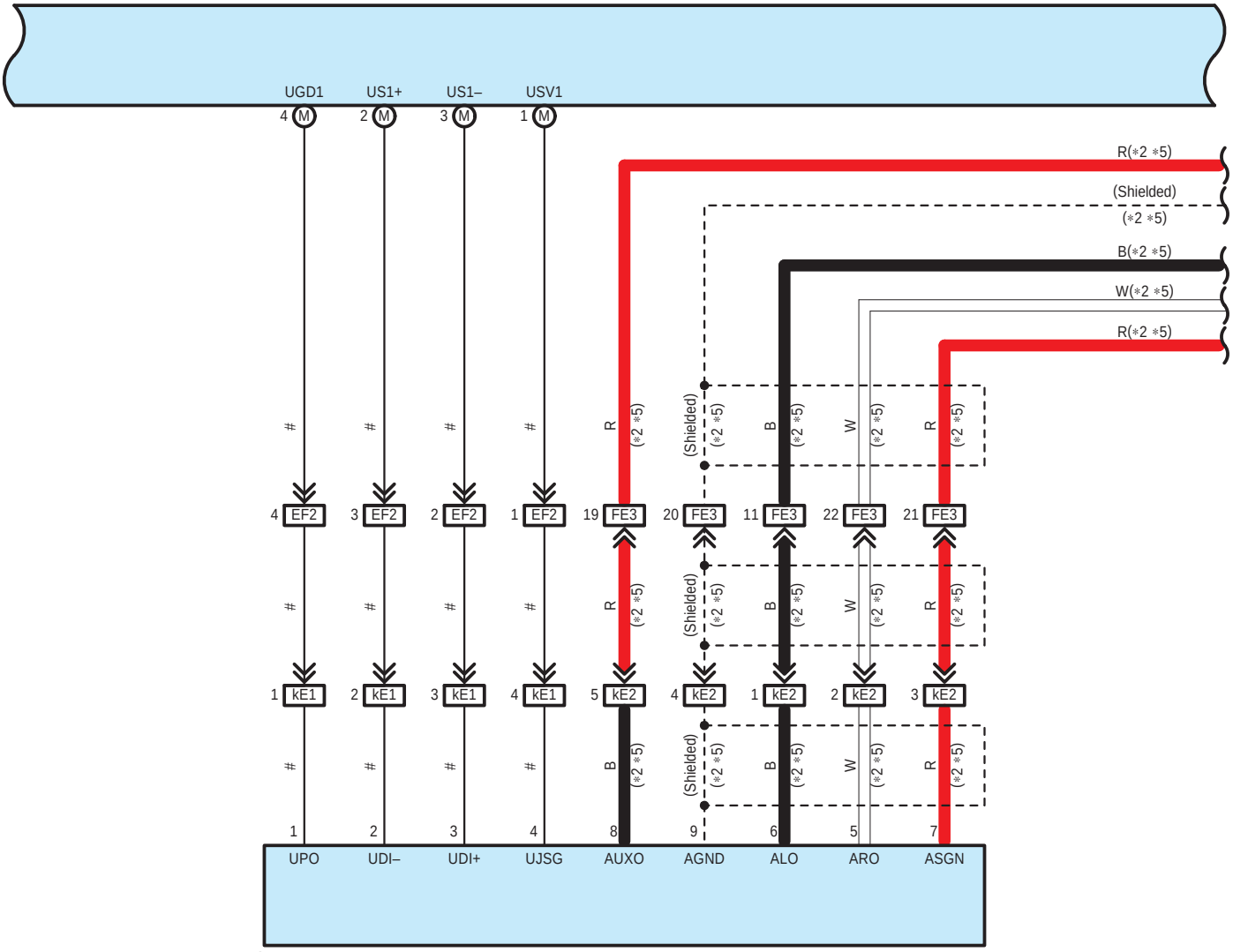

F76(H), F77(I), F80(M), F81(J), F85(L), F87(K)
Multi–Media Module Receiver Assembly
GVIF
VMTF
UPSW
UIND
TX3+
TX3–
1 L
10 H
36 H
35 H
45 H
46 H
Radio Antenna
GPS Antenna
B
V
P
R
B
W
1 G
11 D
3 D
4 D
7 D
19 D
GVIF
VMTI
UPSW
UIND
TX+
TX–
F78(D), F82(F), F84(G)
Multi–Display Assembly


(Shielded)
(Shielded)
B
B
B
B
W(∗5)
W(∗5)

∗ 2 : Dual Monitor
∗ 5 : w/ Rear Seat Entertainment System

# : There is no wire color information.

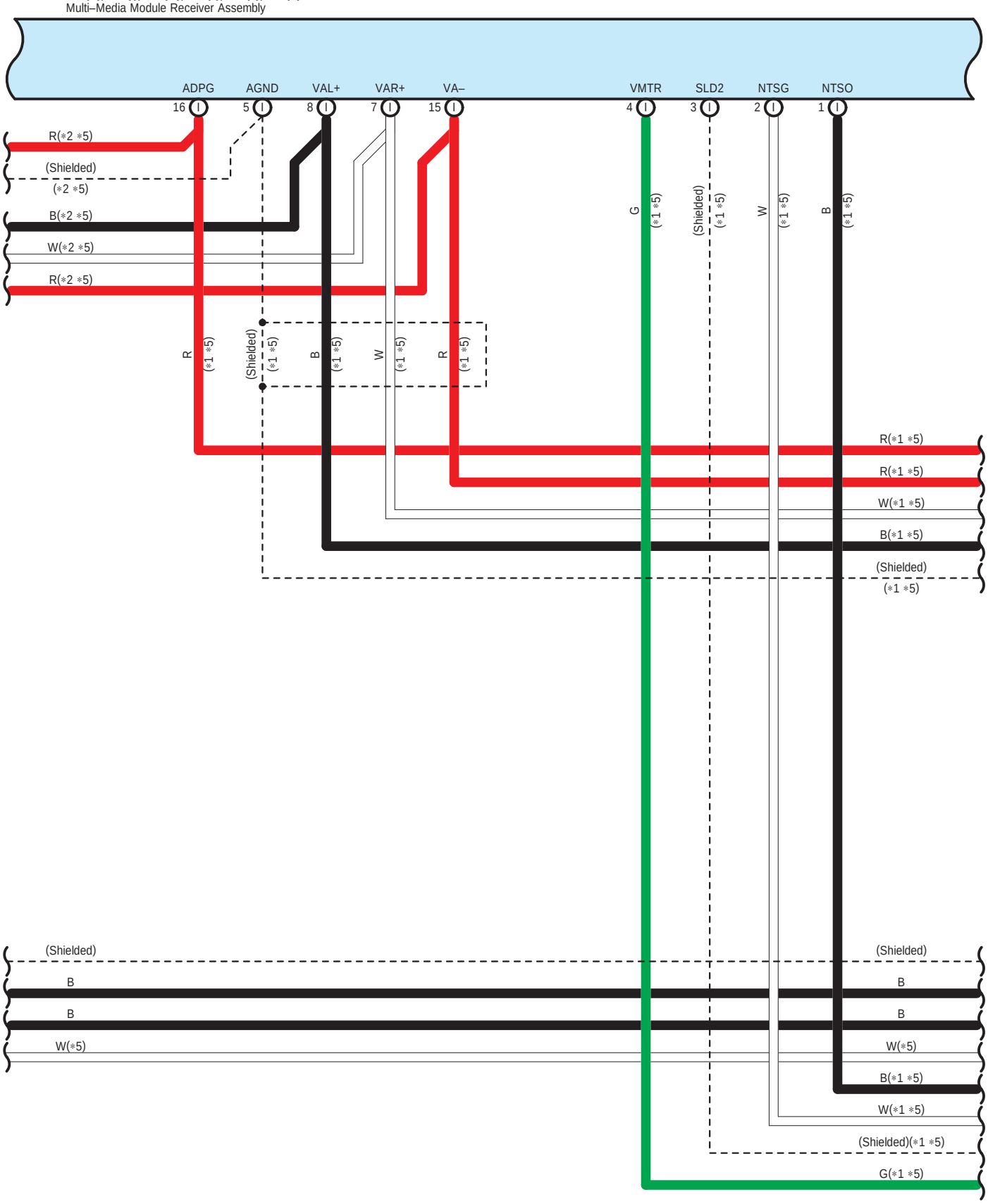
**F76(H), F77(I), F80(M), F81(J), F85(L), F87(K)**
Multi–Media Module Receiver Assembly




**k1**
No. 1 Stereo Jack Adapter Assembly

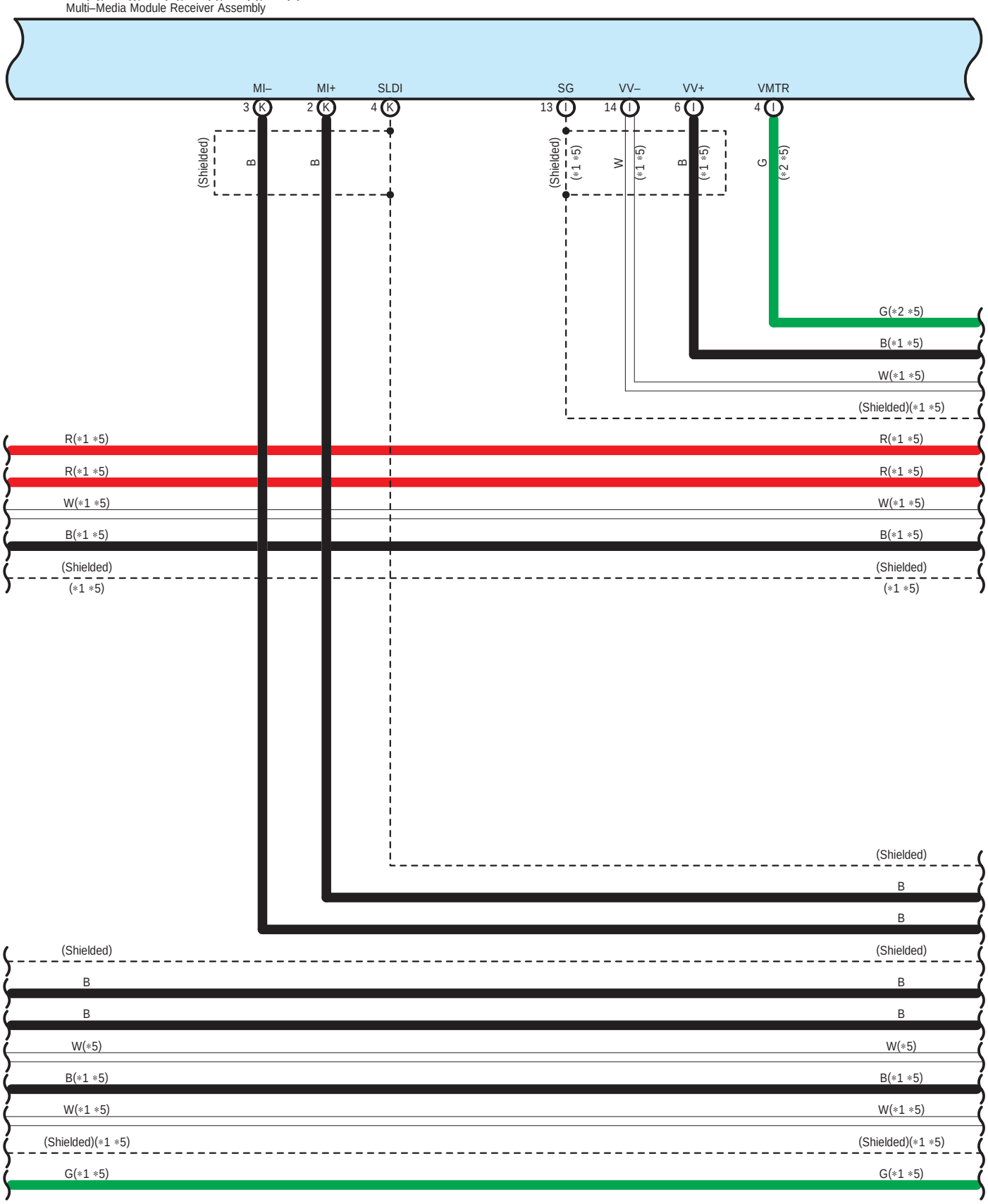


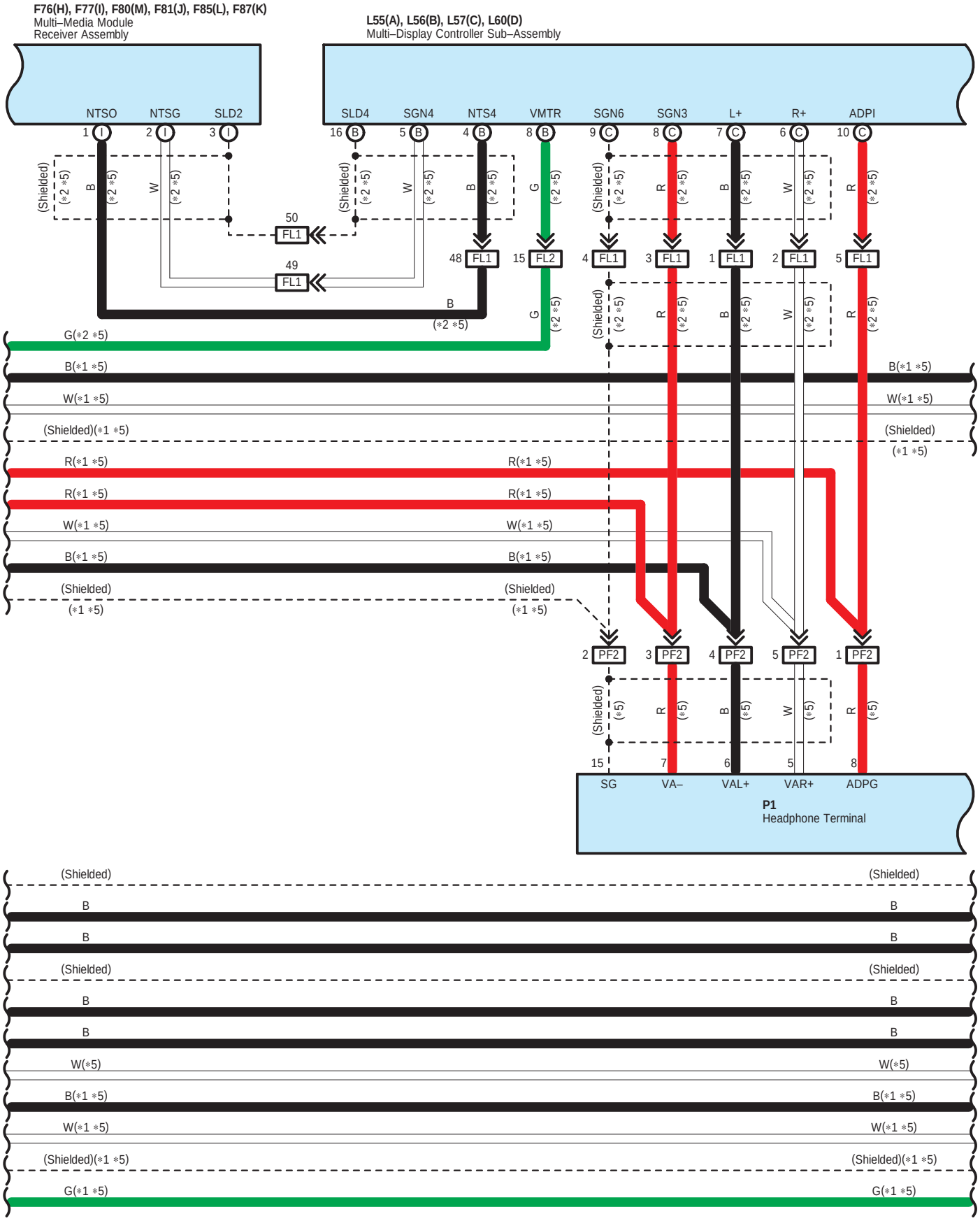
**F76(H), F77(I), F80(M), F81(J), F85(L), F87(K)**
Multi–Media Module Receiver Assembly



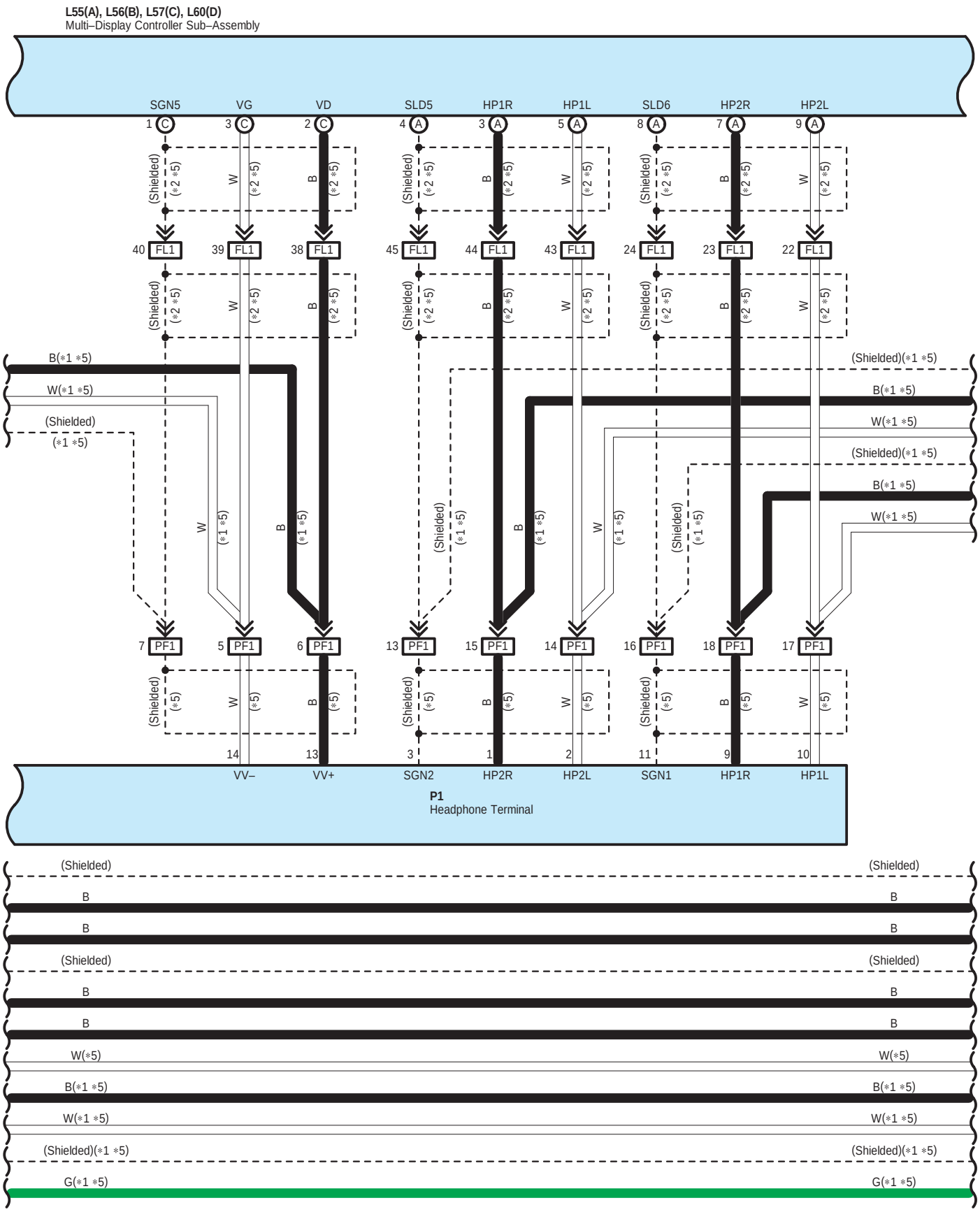
∗ 1 : Single Monitor
∗ 2 : Dual Monitor
∗ 5 : w/ Rear Seat Entertainment System

**F76(H), F77(I), F80(M), F81(J), F85(L), F87(K)**
Multi–Media Module Receiver Assembly

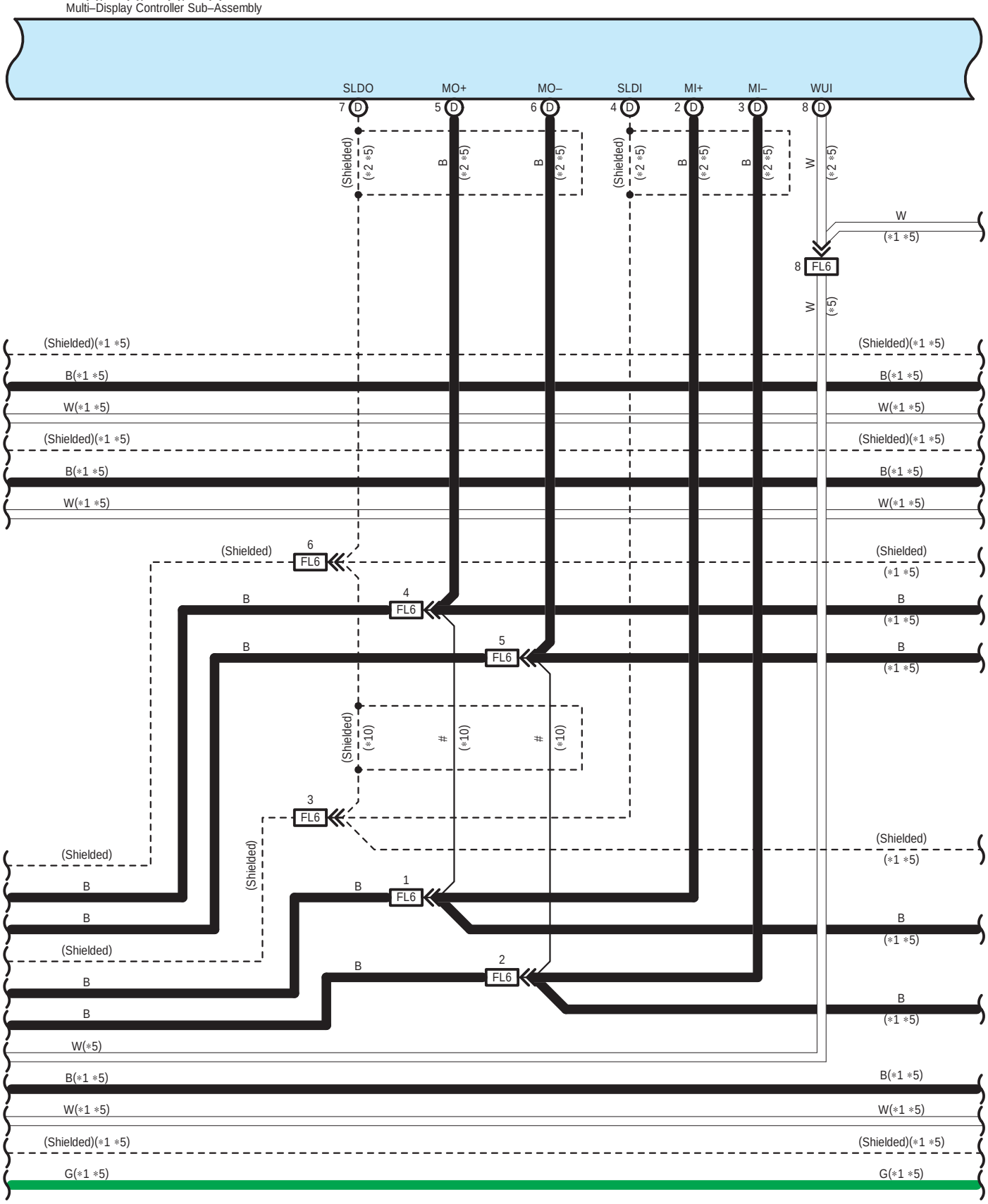



F76(H), F77(I), F80(M), F81(J), F85(L), F87(K)
Multi–Media Module
Receiver Assembly
L55(A), L56(B), L57(C), L60(D)
Multi–Display Controller Sub–Assembly
NTSO
NTSG
SLD2
SLD4
SGN4
NTS4
VMTR
SGN6
SGN3
L+
R+
ADPI
SG
VA–
VAL+
VAR+
ADPG
P1
Headphone Terminal
FL1
FL2
PF2
(Shielded)
G(∗2 ∗5)
B(∗1 ∗5)
W(∗1 ∗5)
R(∗1 ∗5)
(Shielded)(∗1 ∗5)
W(∗5)
B(∗2 ∗5)

∗ 1 : Single Monitor
∗ 2 : Dual Monitor
∗ 5 : w/ Rear Seat Entertainment System



**L55(A), L56(B), L57(C), L60(D)**
Multi–Display Controller Sub–Assembly

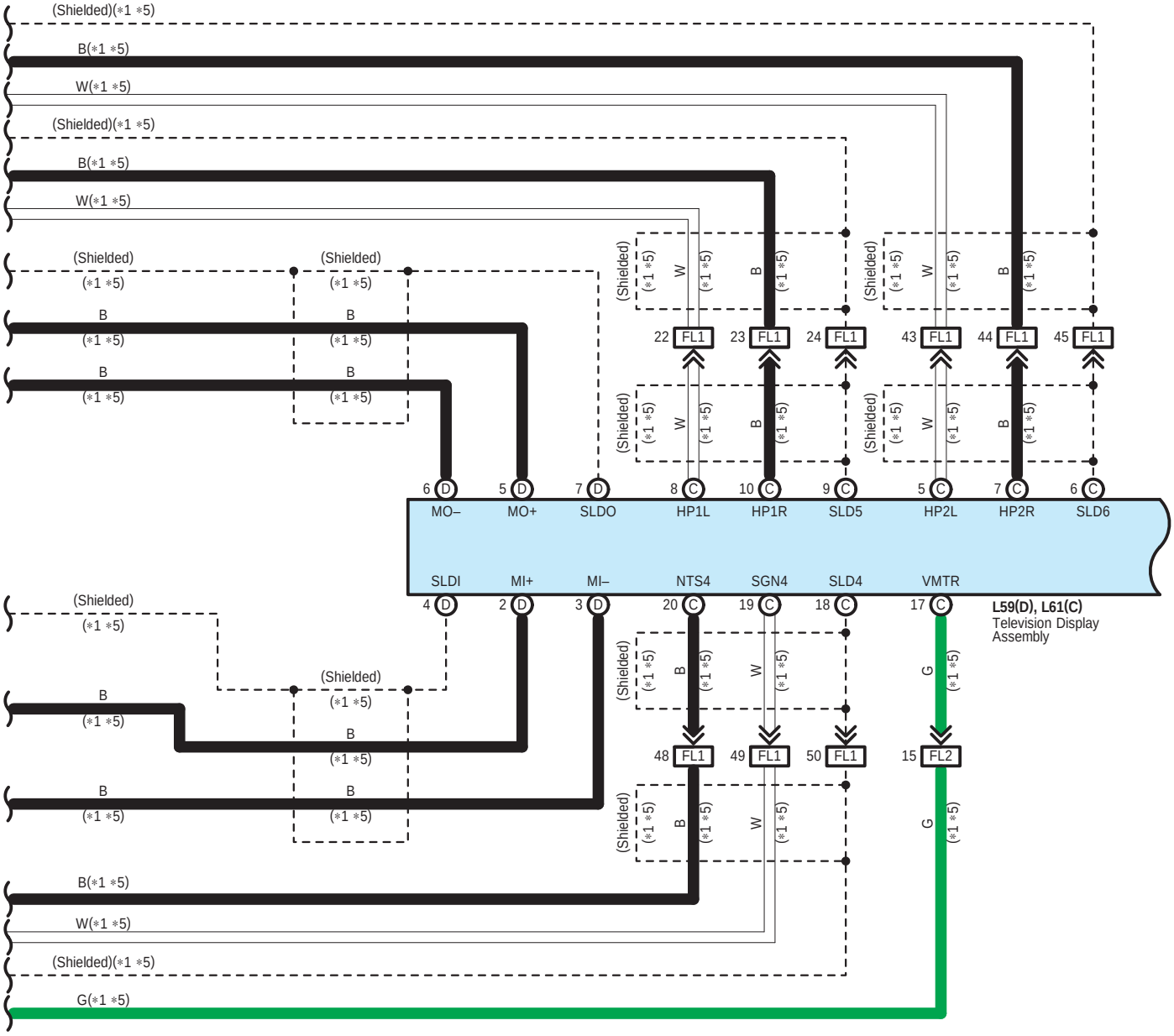


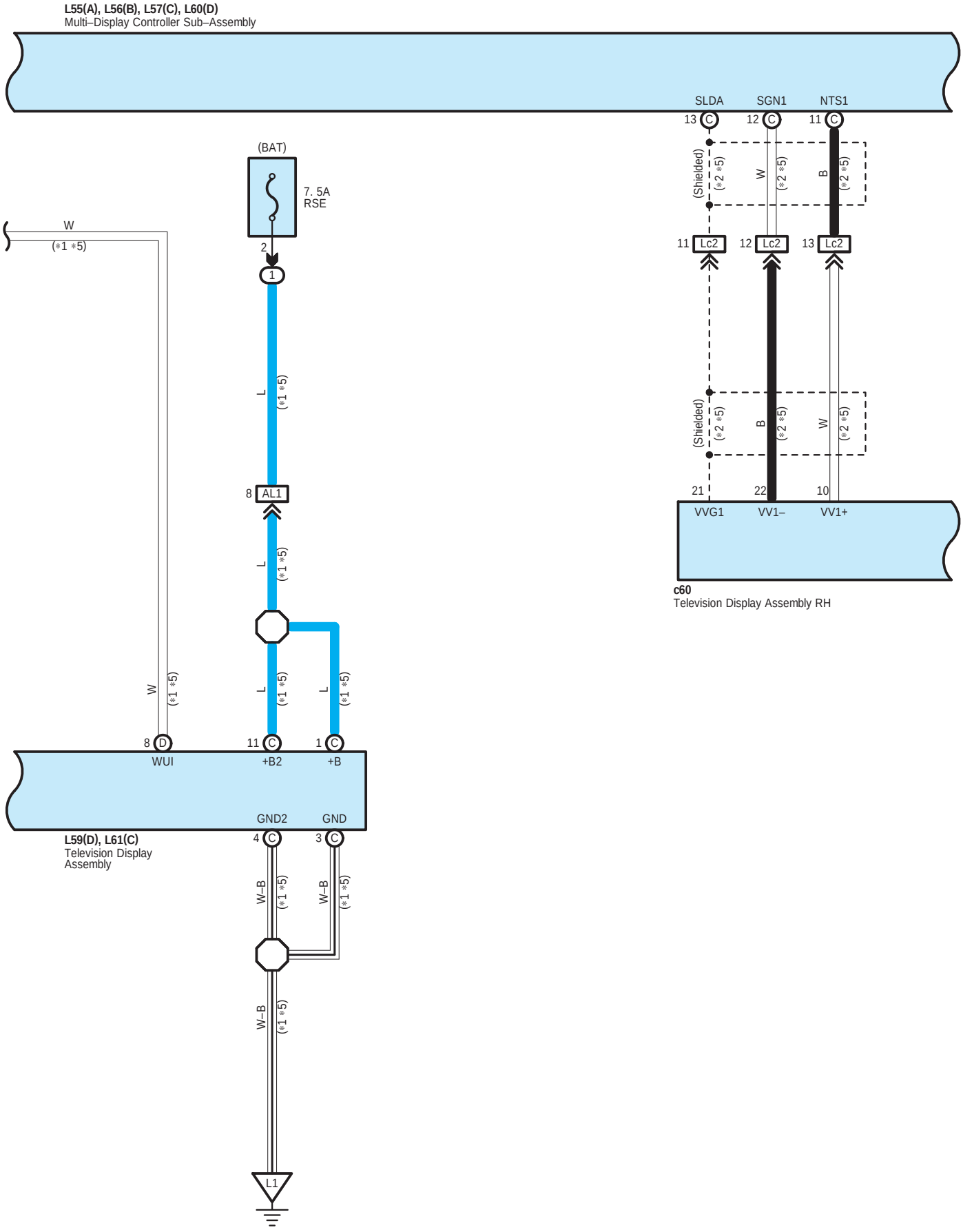
∗ 1 : Single Monitor
∗ 2 : Dual Monitor
∗ 5 : w/ Rear Seat Entertainment System
∗10 : w/o Rear Seat Entertainment System

**L55(A), L56(B), L57(C), L60(D)**
Multi–Display Controller Sub–Assembly

# : There is no wire color information.

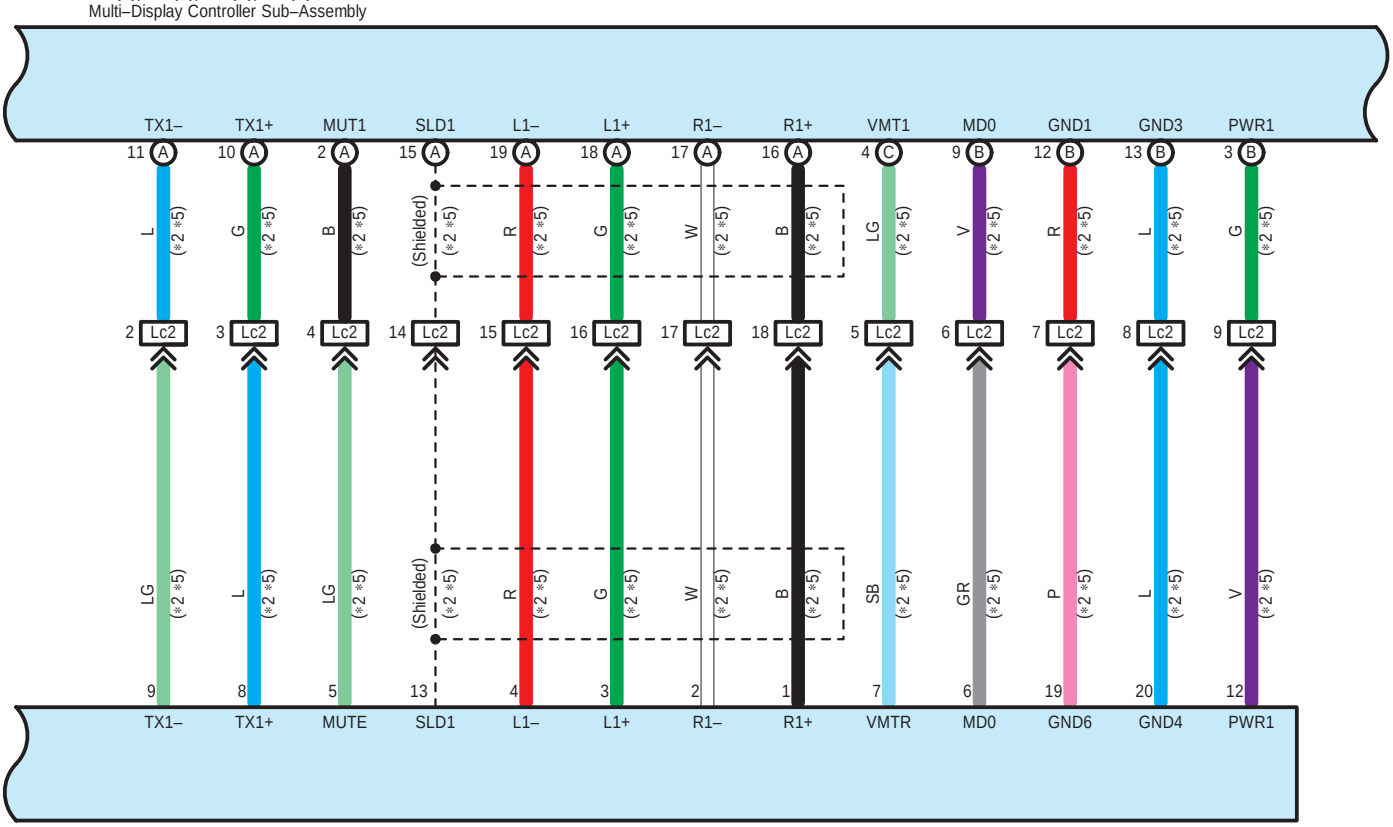
W (∗1 ∗5) — W (∗1 ∗5)




L55(A), L56(B), L57(C), L60(D)
Multi–Display Controller Sub–Assembly
SLDA
SGN1
NTS1
13 C
12 C
11 C
(Shielded)
(*2 *5)
W
B
11 Lc2
12 Lc2
13 Lc2
21
22
10
VVG1
VV1–
VV1+
c60
Television Display Assembly RH
(BAT)
7. 5A
RSE
2
1
W
(*1 *5)
L
8 AL1
8 D
11 C
1 C
WUI
+B2
+B
GND2
GND
4 C
3 C
W–B
L1
L59(D), L61(C)
Television Display
Assembly

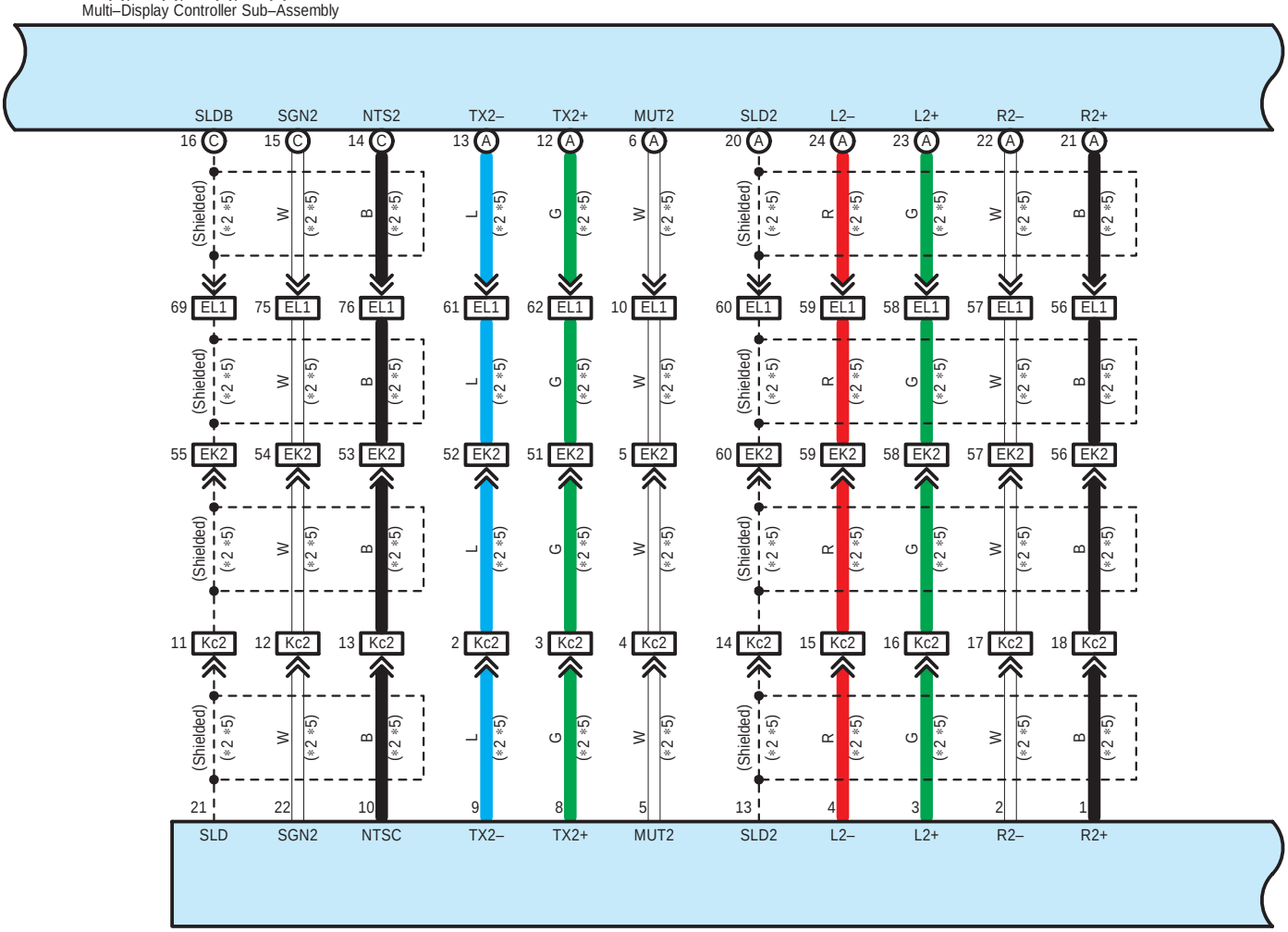
∗ 1 : Single Monitor
∗ 2 : Dual Monitor
∗ 5 : w/ Rear Seat Entertainment System

**L55(A), L56(B), L57(C), L60(D)**
Multi–Display Controller Sub–Assembly

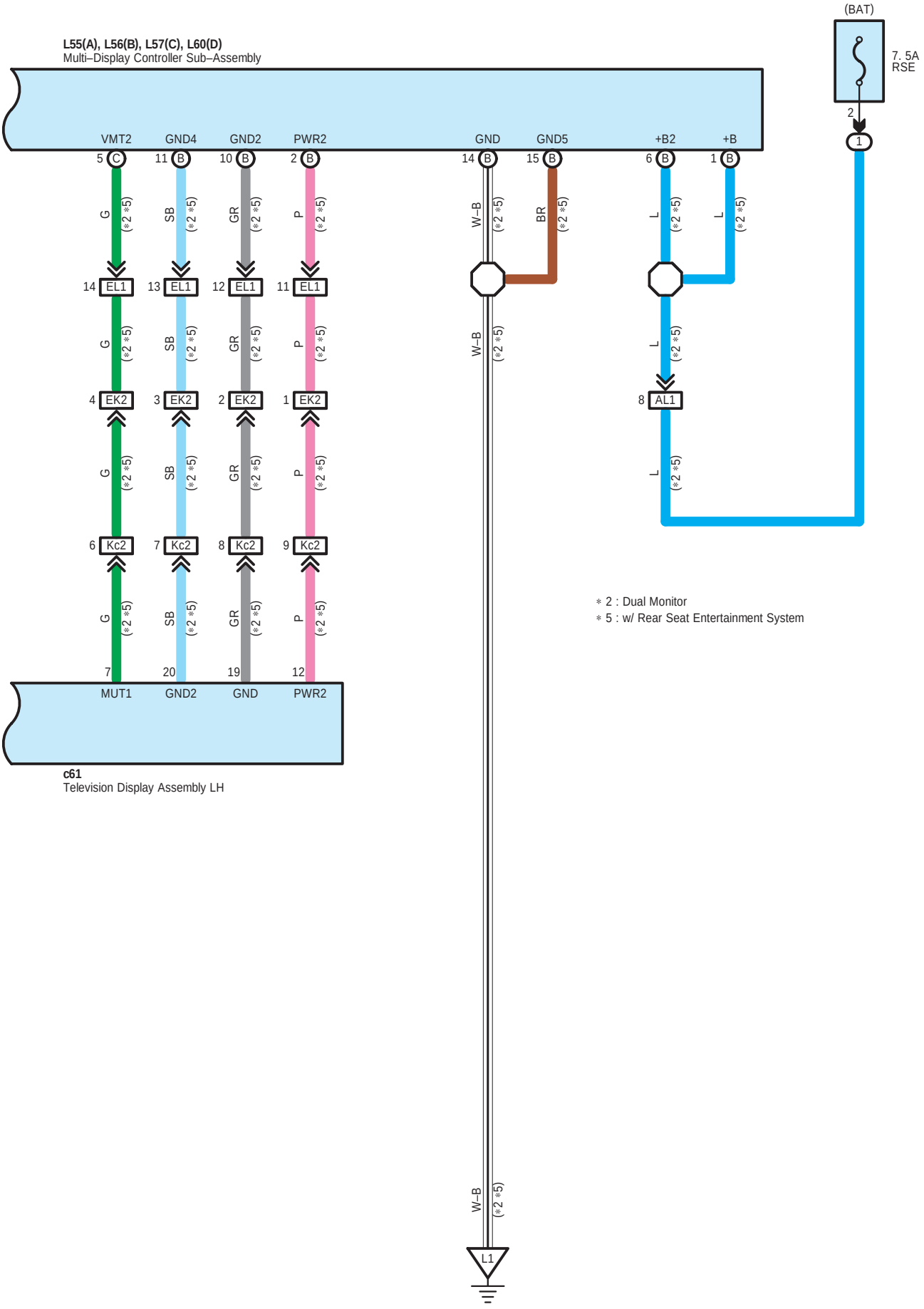



**c60**
Television Display Assembly RH

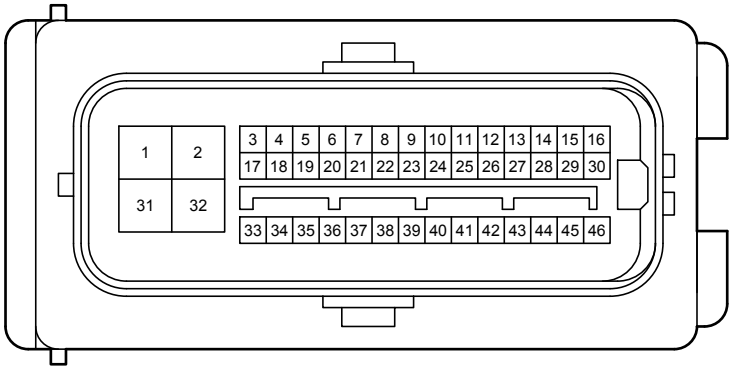
**L55(A), L56(B), L57(C), L60(D)**
Multi–Display Controller Sub–Assembly



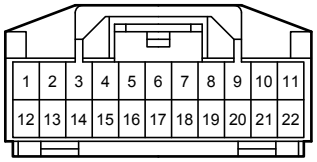

**c61**
Television Display Assembly LH


L55(A), L56(B), L57(C), L60(D)
Multi–Display Controller Sub–Assembly
VMT2
GND4
GND2
PWR2
GND
GND5
+B2
+B
5 C
11 B
10 B
2 B
14 B
15 B
6 B
1 B
G
SB
GR
P
W–B
BR
L
(*2 *5)
14 EL1
13 EL1
12 EL1
11 EL1
4 EK2
3 EK2
2 EK2
1 EK2
6 Kc2
7 Kc2
8 Kc2
9 Kc2
8 AL1
7
20
19
12
MUT1
GND2
GND
PWR2
c61
Television Display Assembly LH
(BAT)
7. 5A
RSE
2
1
L1
∗ 2 : Dual Monitor
∗ 5 : w/ Rear Seat Entertainment System

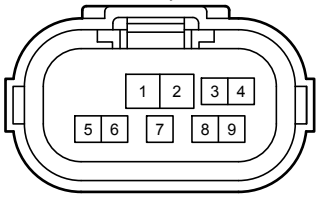
A 24
Black



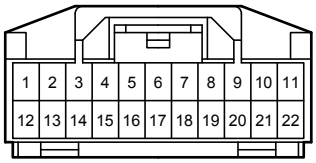

A 37
Blue



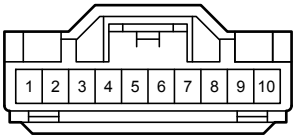

C 19
Gray



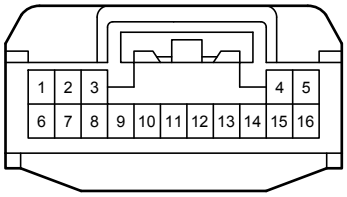

C 52
Blue



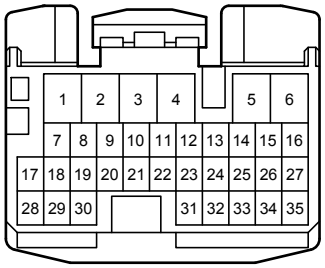

E 11
Gray




E 31
White



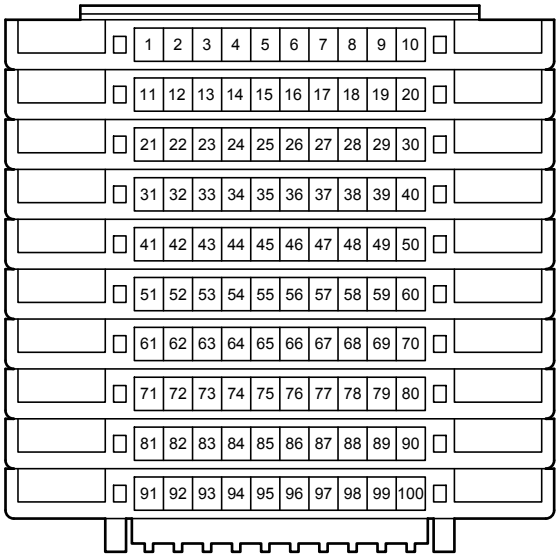

E 35
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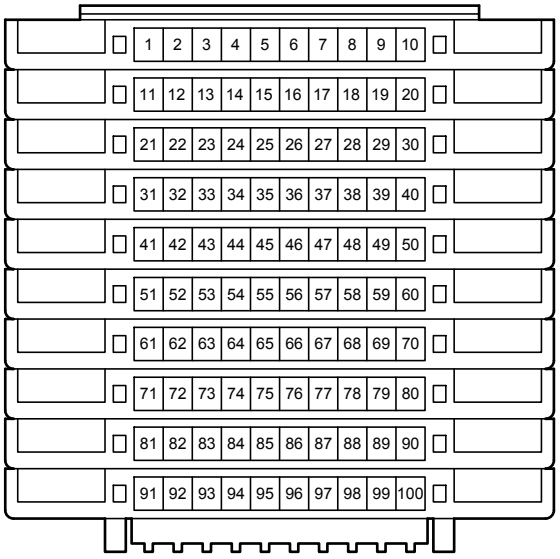

E 53
White



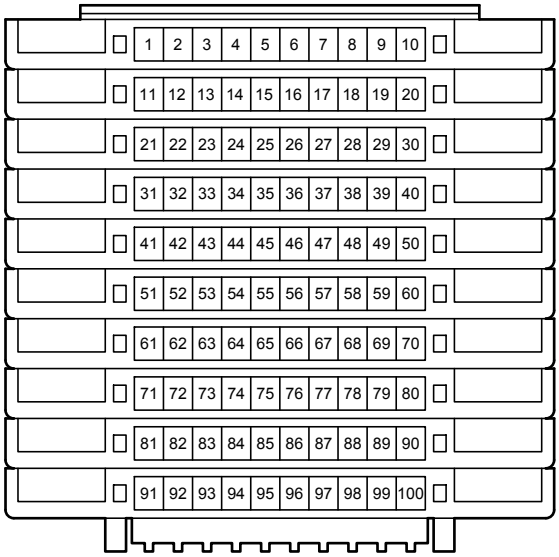

E 58
White



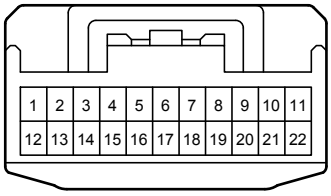

E 59
White



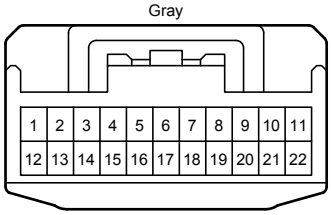
E 60
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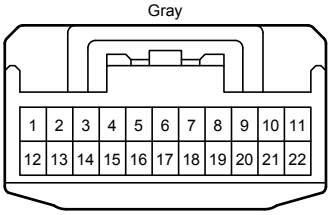

E 68
Gray



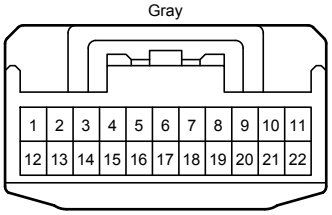

E 69
Gray



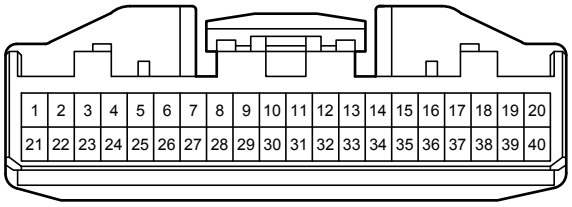

E 71
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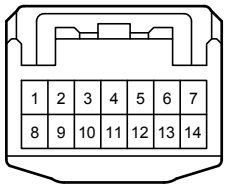

E 74
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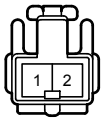

E 77
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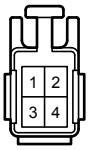

E102
Black



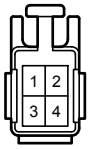

F 6
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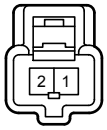

F 7
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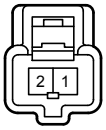

F 8
White



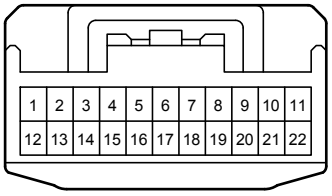

F 13
White



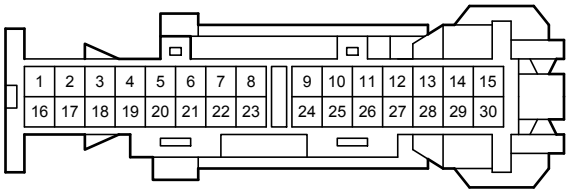

F 14
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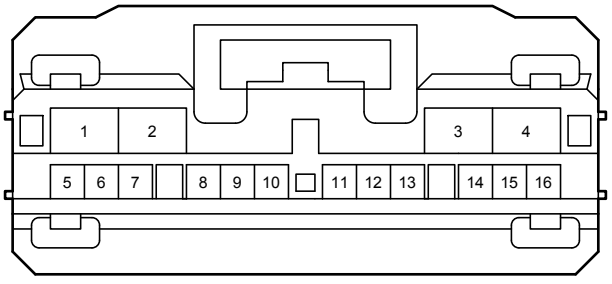

F 20
Gray



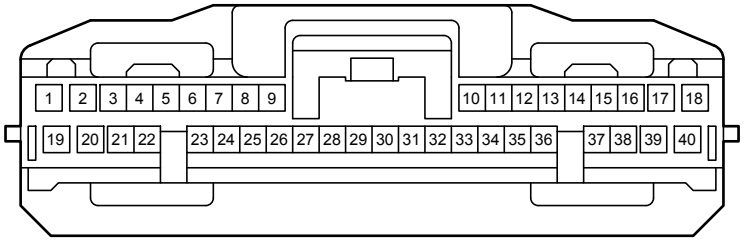

F 73
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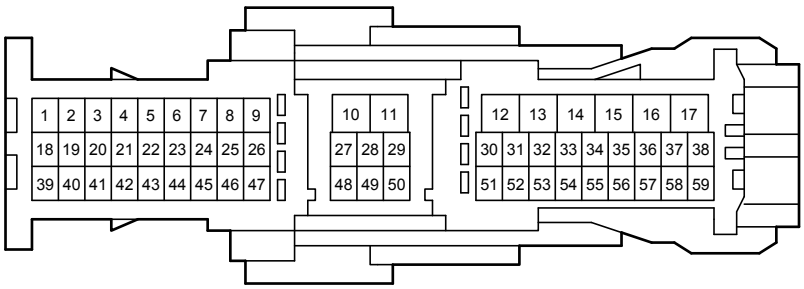

F 74
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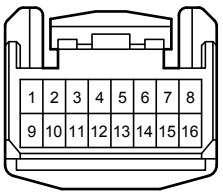
F 75
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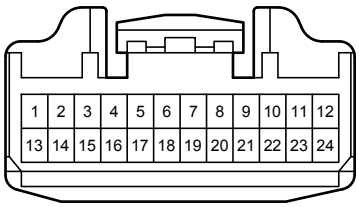

F 76
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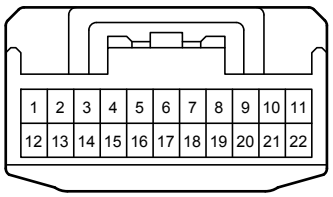

F 77
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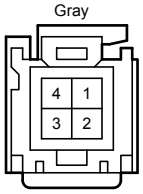

F 78
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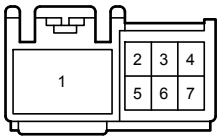

F 79
White




F 80
Gray



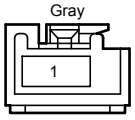

F 81
White




F 82
White



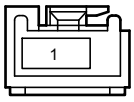

F 83
Gray



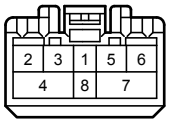

F 84
Blue



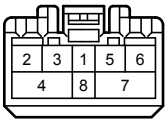

F 85
Blue



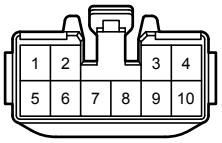

F 86
White




F 87
White




F 89
White




I 1
White




I 10
White




J 1
Gray




J 8
Gray



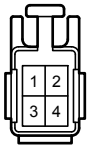

J 15
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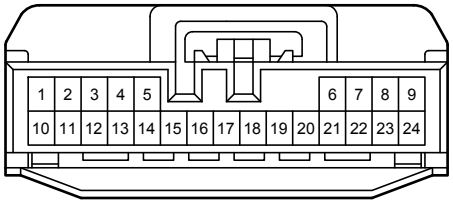

J 17
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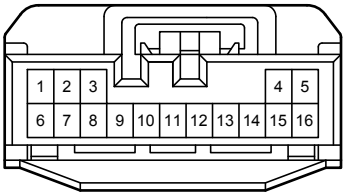

L 4
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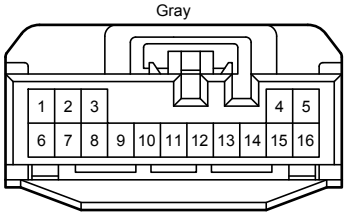
L 55
Black



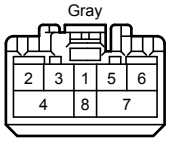

L 56
Black



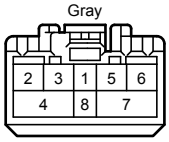

L 57
Gray



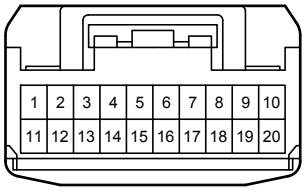

L 59
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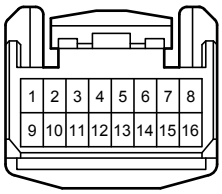

L 60
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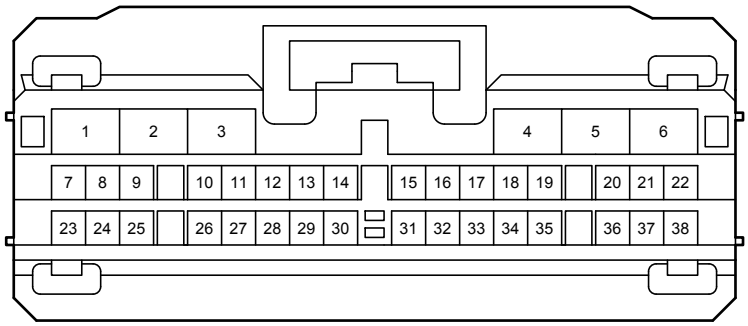

L 61
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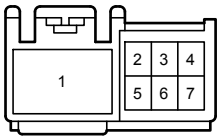

P 1
White



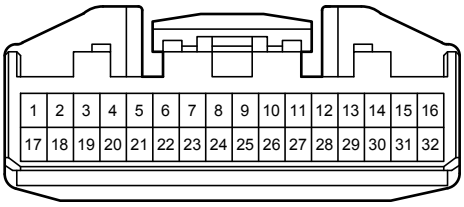

P 2
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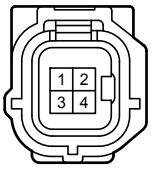

P 4
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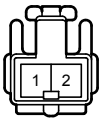

R 7
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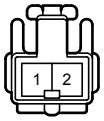

S 5
Black



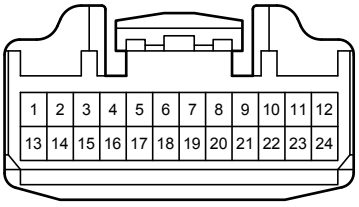

S 8
Blue



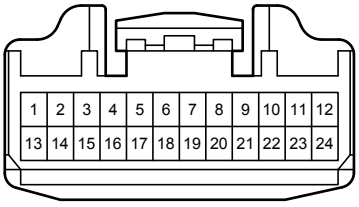

S 9
Blue



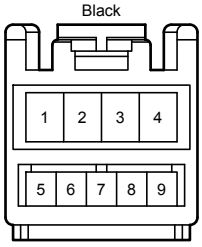

c 60
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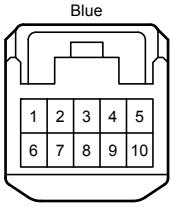

c 61
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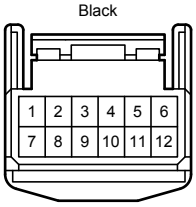

k 1
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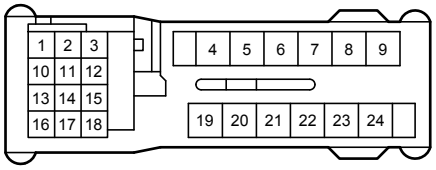

z 51
Blue



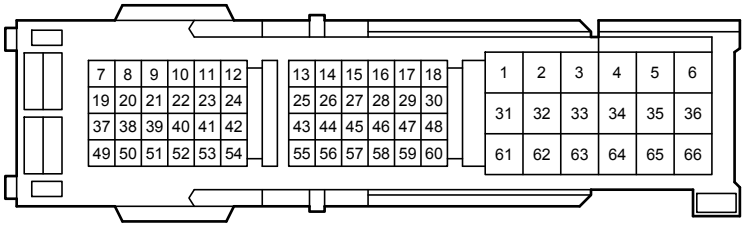

z 54
Black



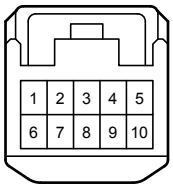
2B
White



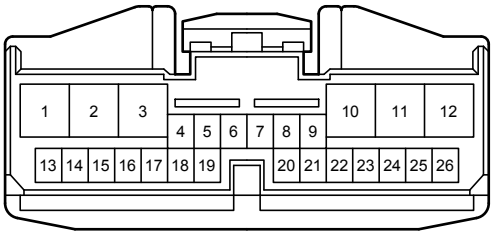

2D
White



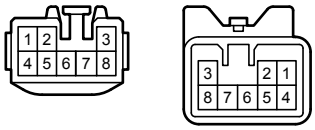

2E
White



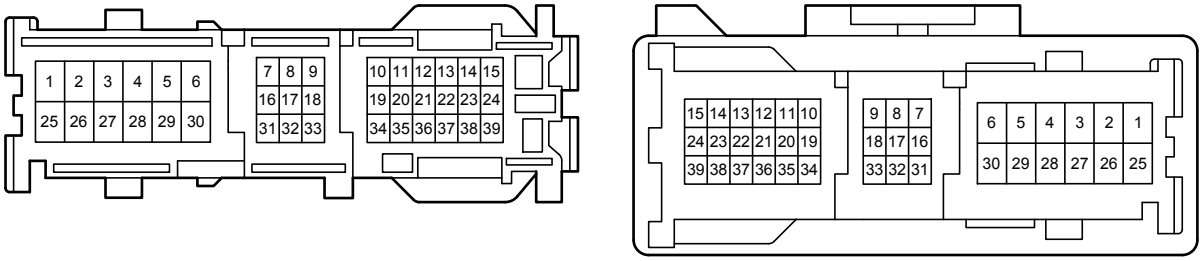

3C
White



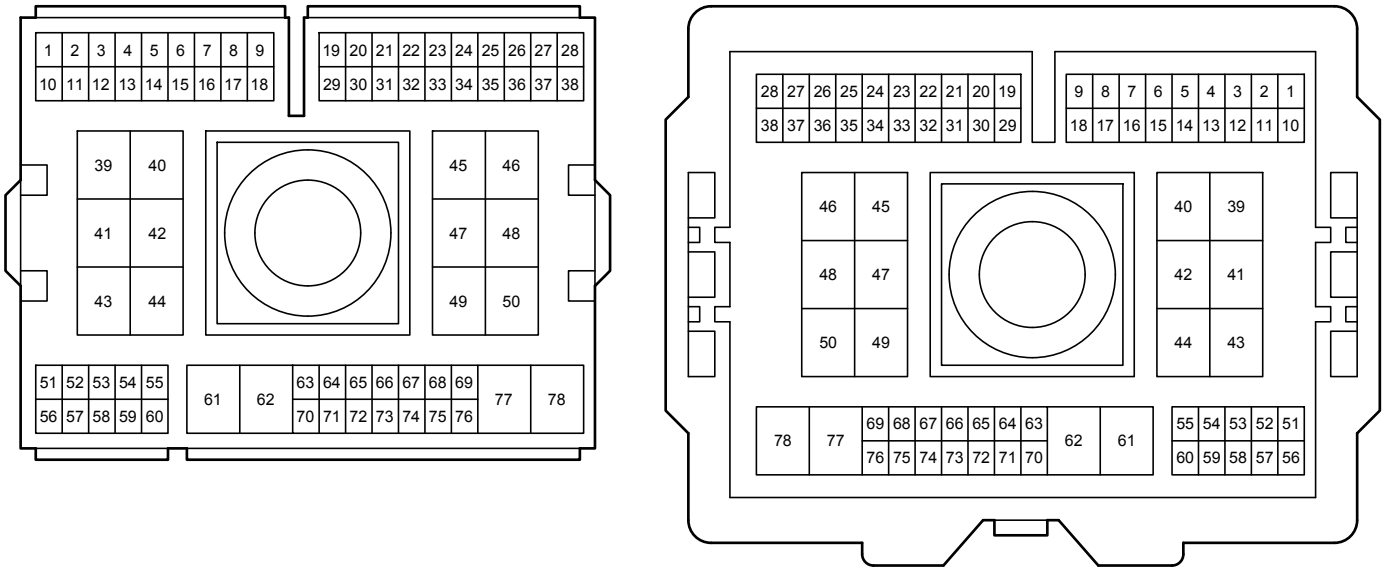

AL1
White




CA3
White




EA1
White



EA2

White

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| | | | | | | | 59 |

Gray

| | | | | | |
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| 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

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 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 | 61 | 62 | 63 | 64 | 65 |
| 56 | 57 | 58 | 59 | 60 | | | 70 | 71 | 72 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 66 | 67 | 68 | 69 | 77 | 78 | | |
| 73 | 74 | 75 | 76 | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 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 | 62 |
| | | 76 | 75 | 74 | 73 | 72 | 71 | 70 | |

| | |
|---|---|
| 61 | |

| | | | | | |
|---|---|---|---|---|---|
| 55 | 54 | 53 | 52 | 51 | |
| 60 | 59 | 58 | 57 | 56 | |

EA4

White

| | | | | | |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 25 | 26 | 27 | 28 | 29 | 30 |

| | |
|---|---|
| 7 | 8 | 9 |
| 16 | 17 | 18 |
| 31 | 32 | 33 |

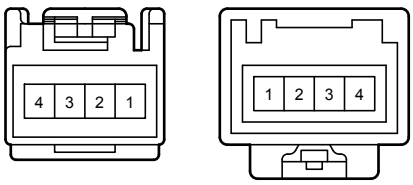
| | | | | | |
|---|---|---|---|---|---|
| 10 | 11 | 12 | 13 | 14 | 15 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 34 | 35 | 36 | 37 | 38 | 39 |

| | | | | | |
|---|---|---|---|---|---|
| 15 | 14 | 13 | 12 | 11 | 10 |
| 24 | 23 | 22 | 21 | 20 | 19 |
| 39 | 38 | 37 | 36 | 35 | 34 |

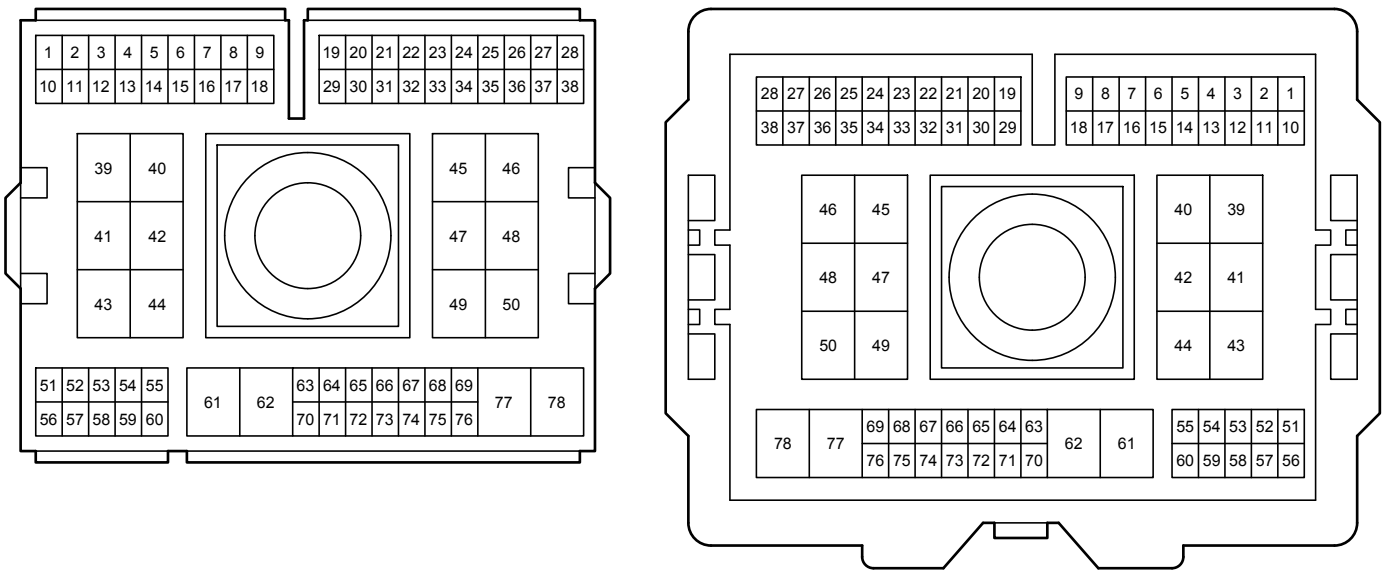
| | | |
|---|---|---|
| 9 | 8 | 7 |
| 18 | 17 | 16 |
| 33 | 32 | 31 |

| | | | | | |
|---|---|---|---|---|---|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 30 | 29 | 28 | 27 | 26 | 25 |

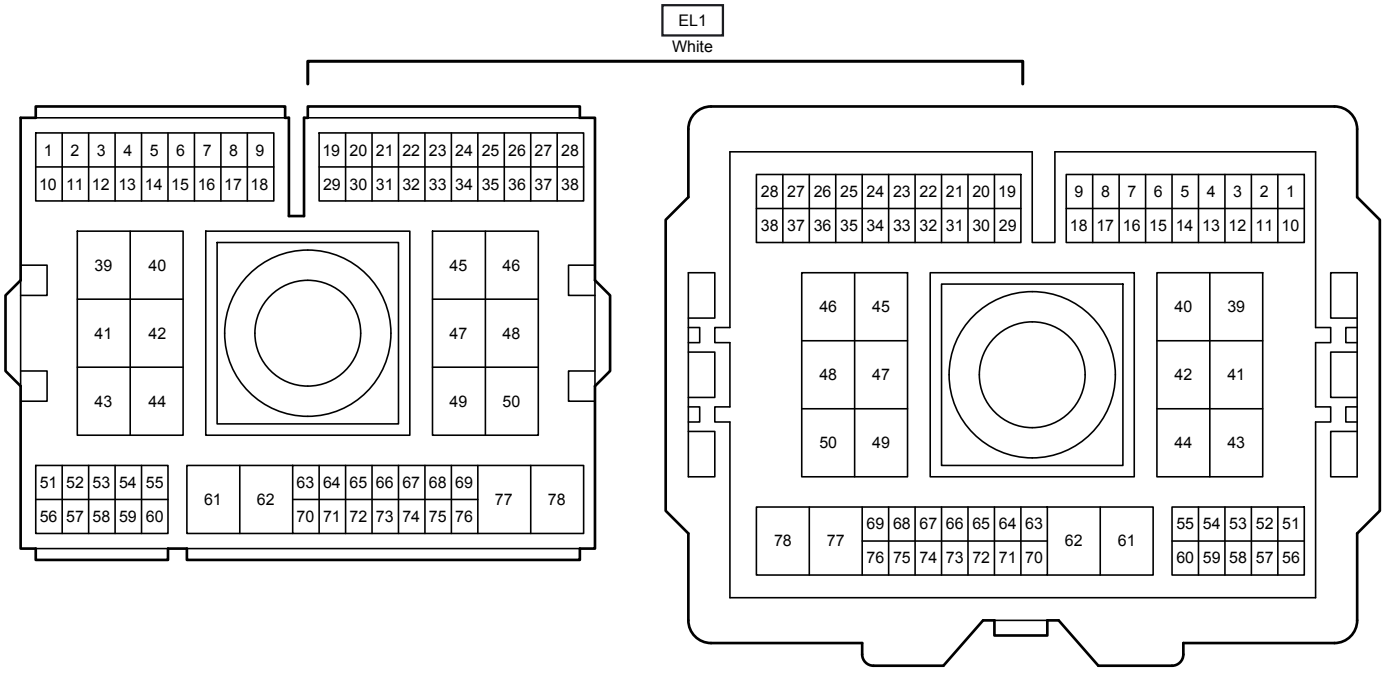
EF2
Brown



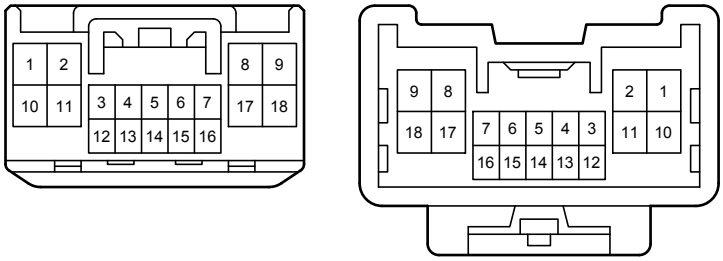

EK2
White



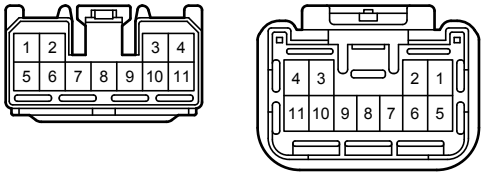

EL1
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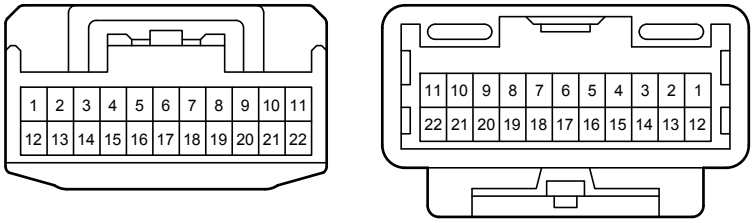
FE1
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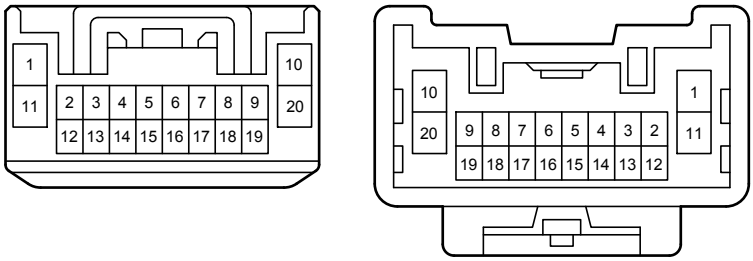

FE2
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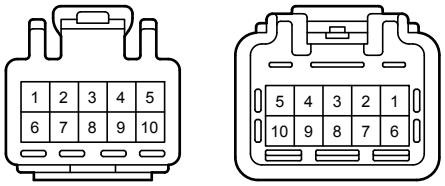

FE3
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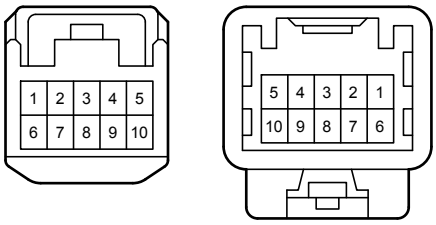

FE4
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FE5
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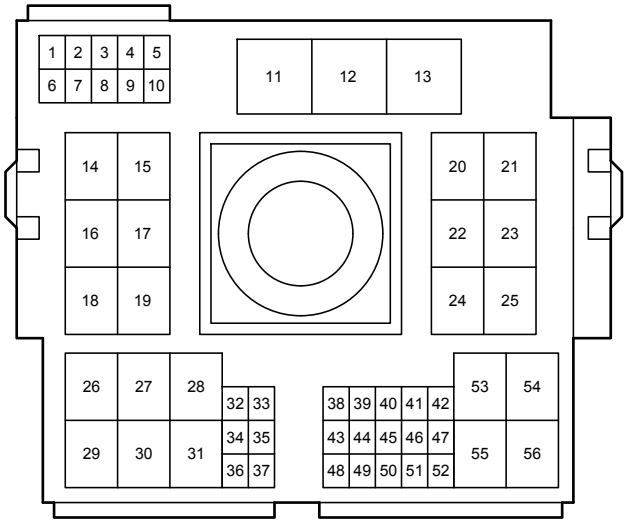



FE6
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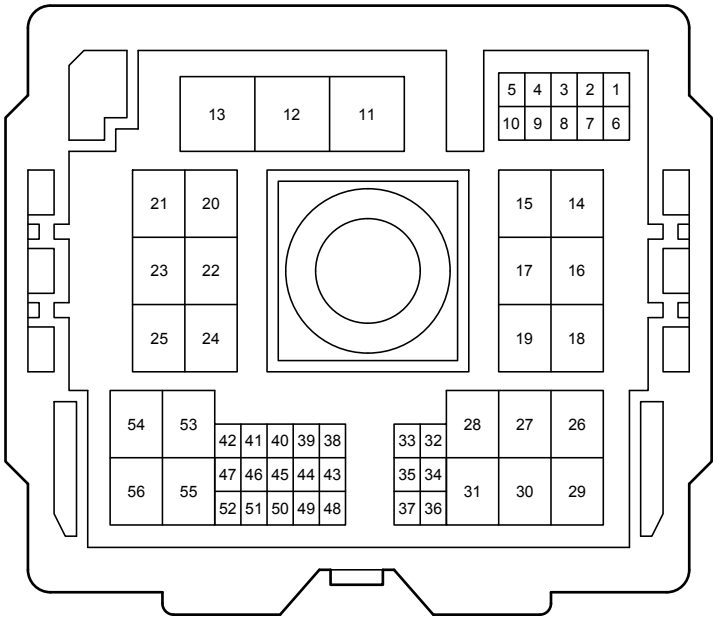


FL1

White

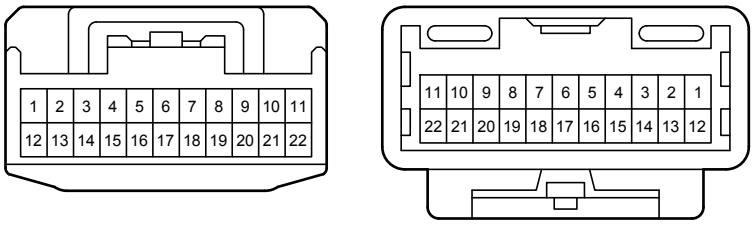



Blue



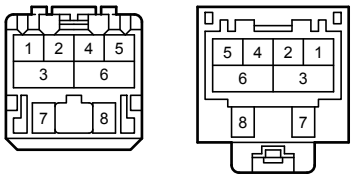

FL2

Blue



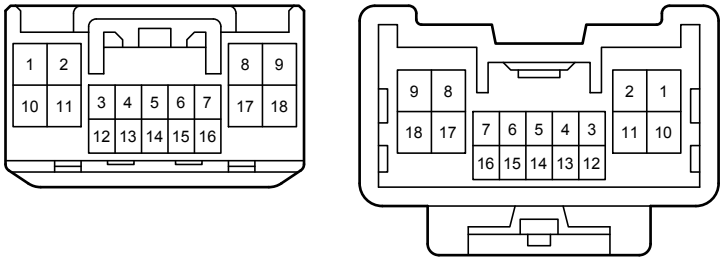

FL6

Gray



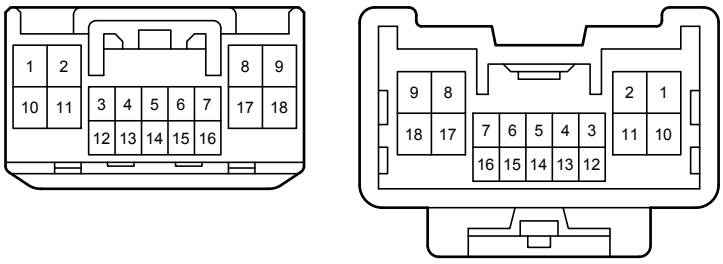

IE3

White

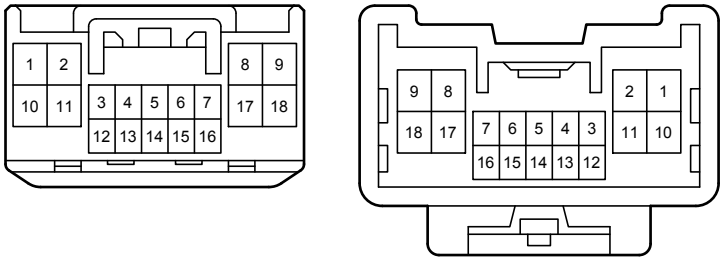



IE6

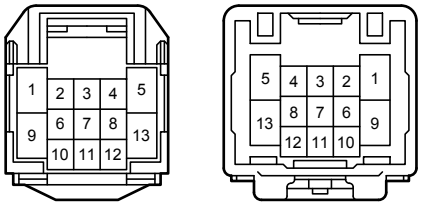
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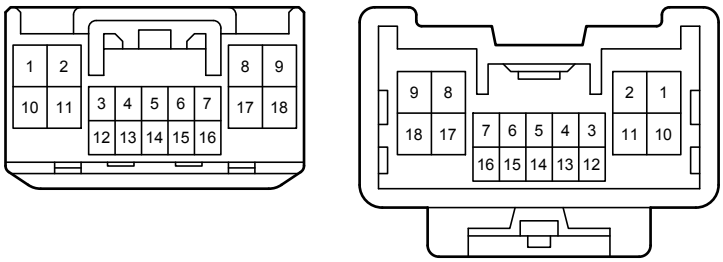
JK1
White



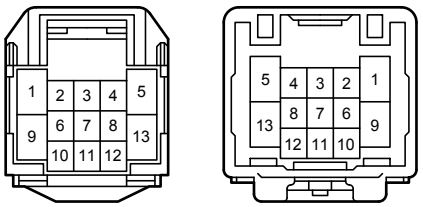

JK2
White



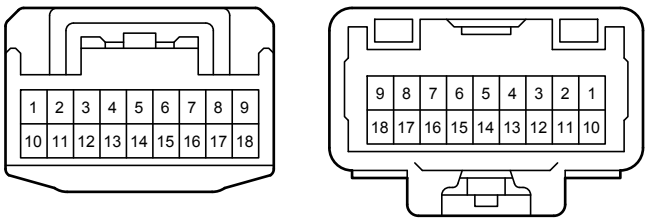

JL1
White



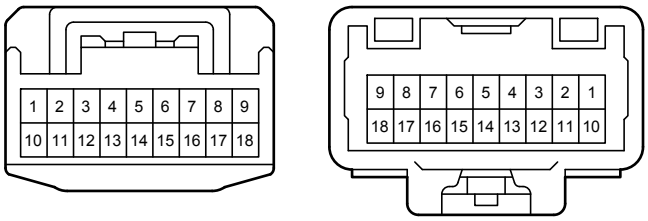

JL2
White



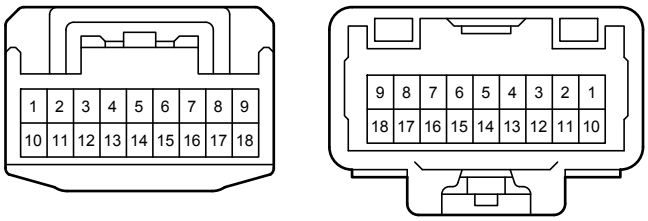

Kc2
White



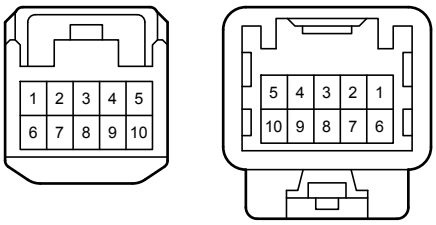

Lc2
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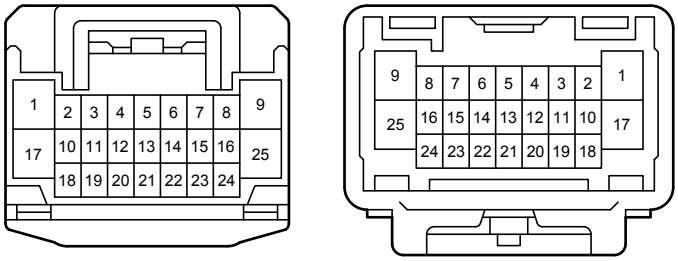

PF1
White



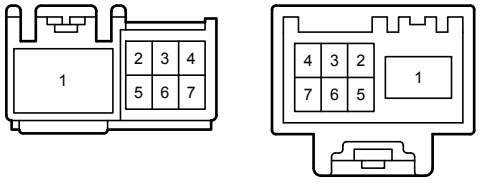

PF2
White



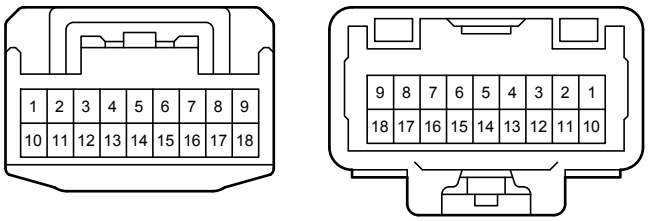
PF3
White



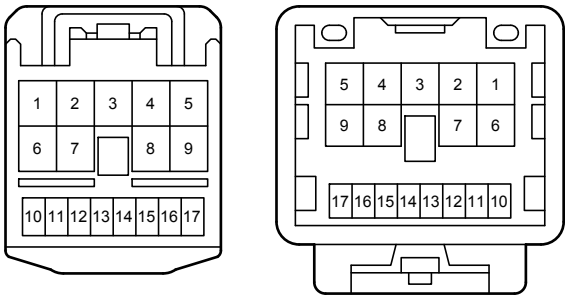

PF5
White



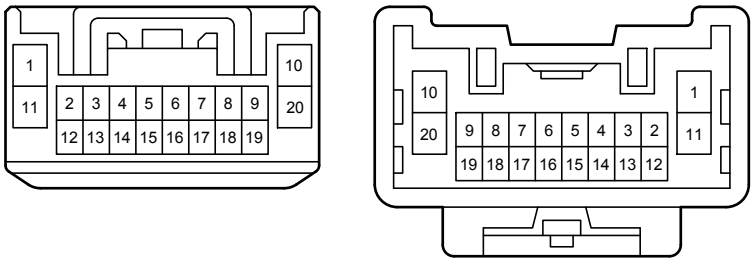

RF1
Gray



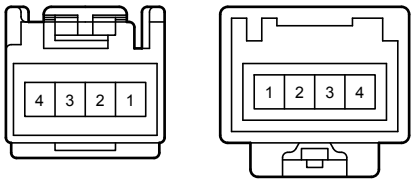

SK1
White



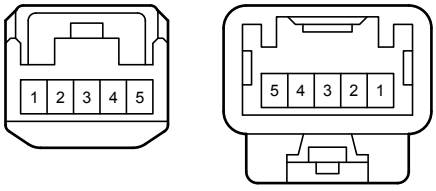

SK2
Blue

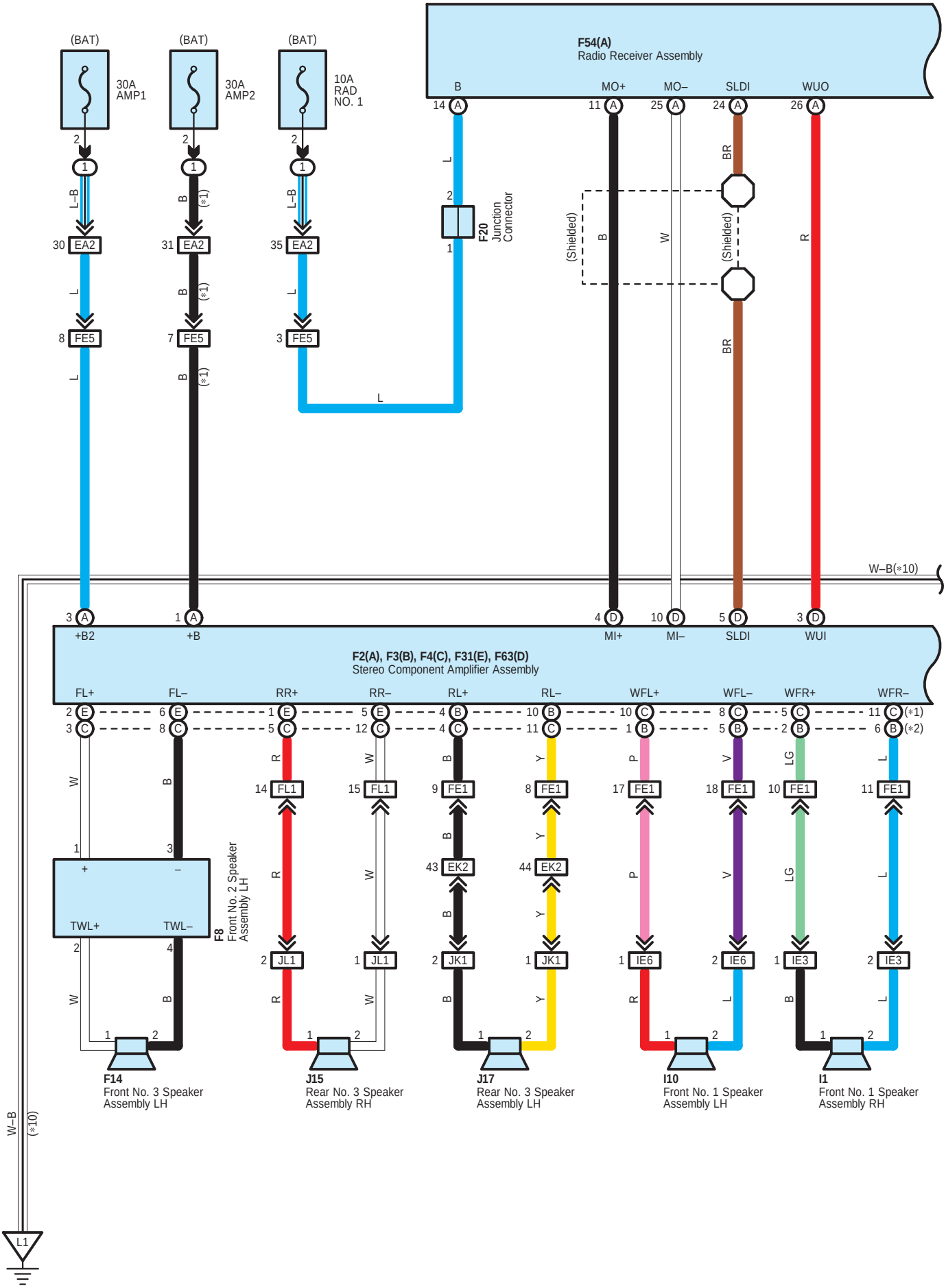


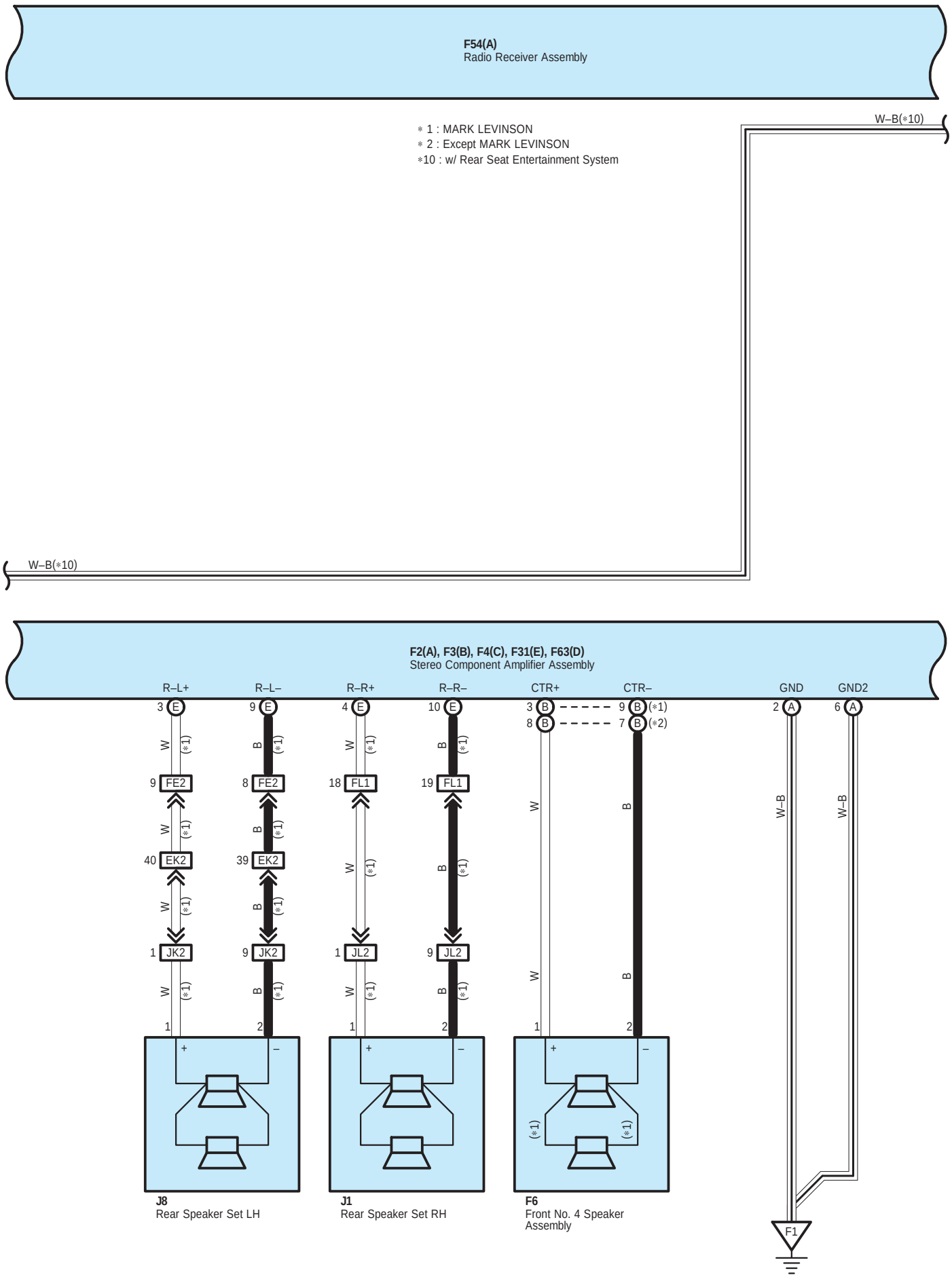

kE1
Brown

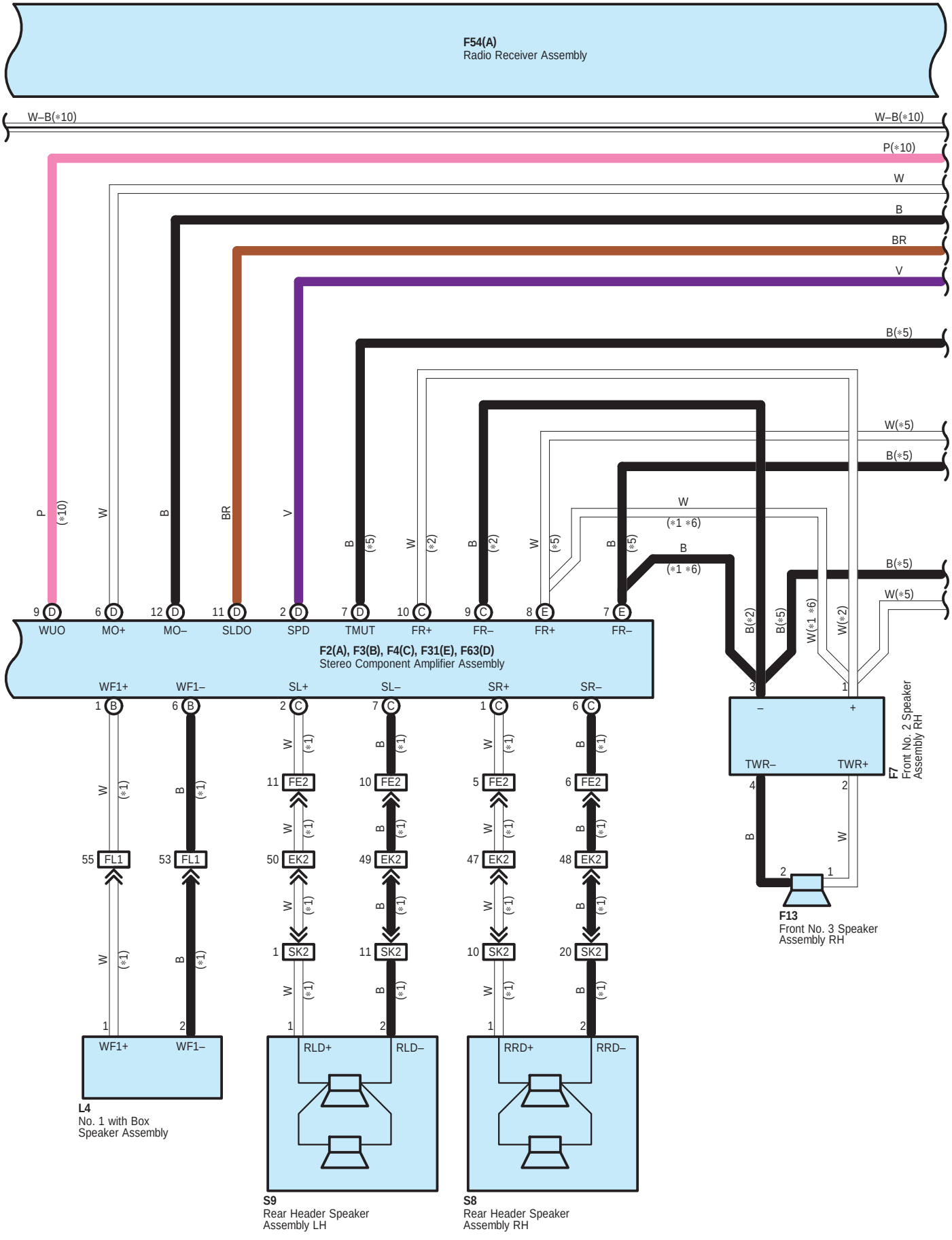


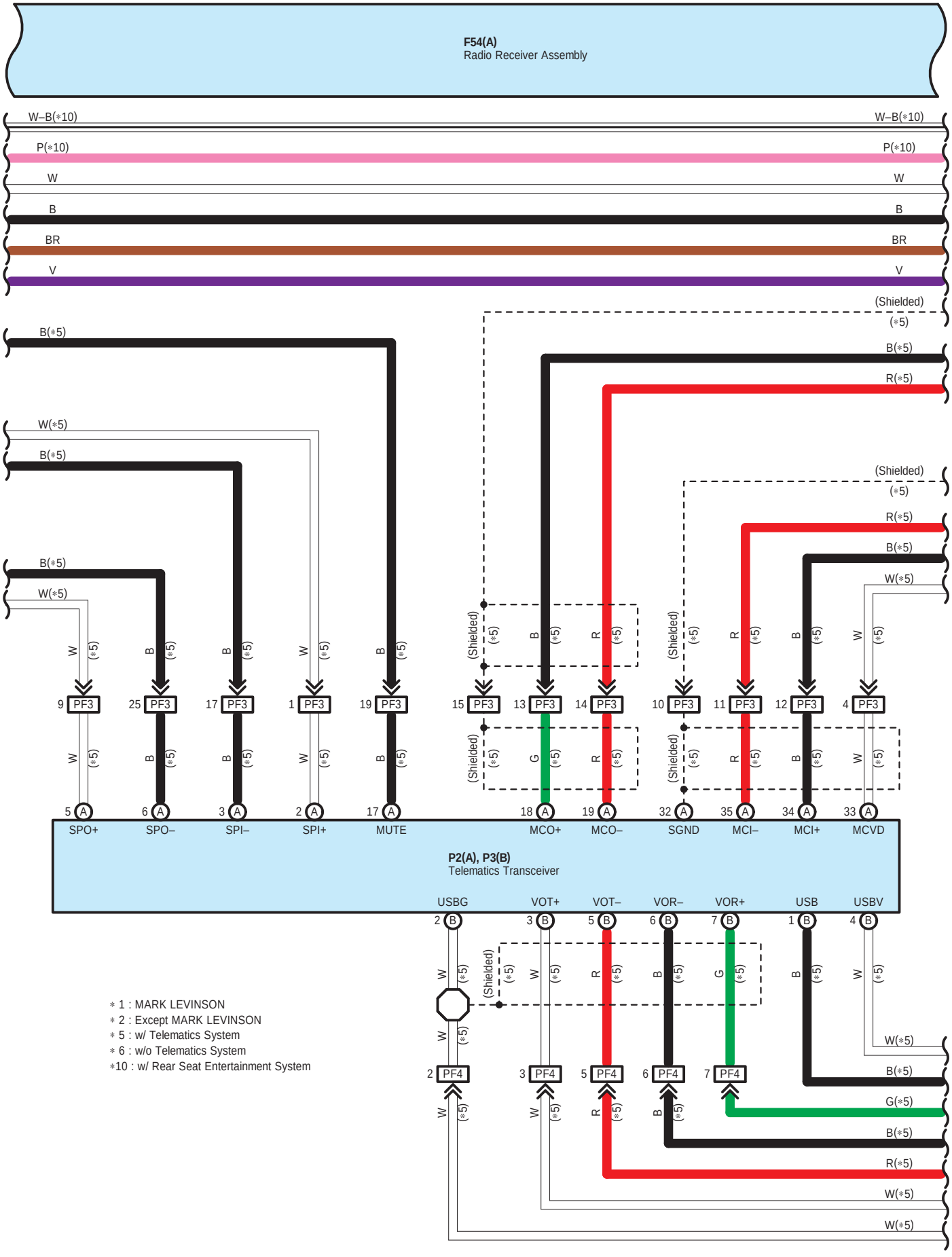

kE2
White

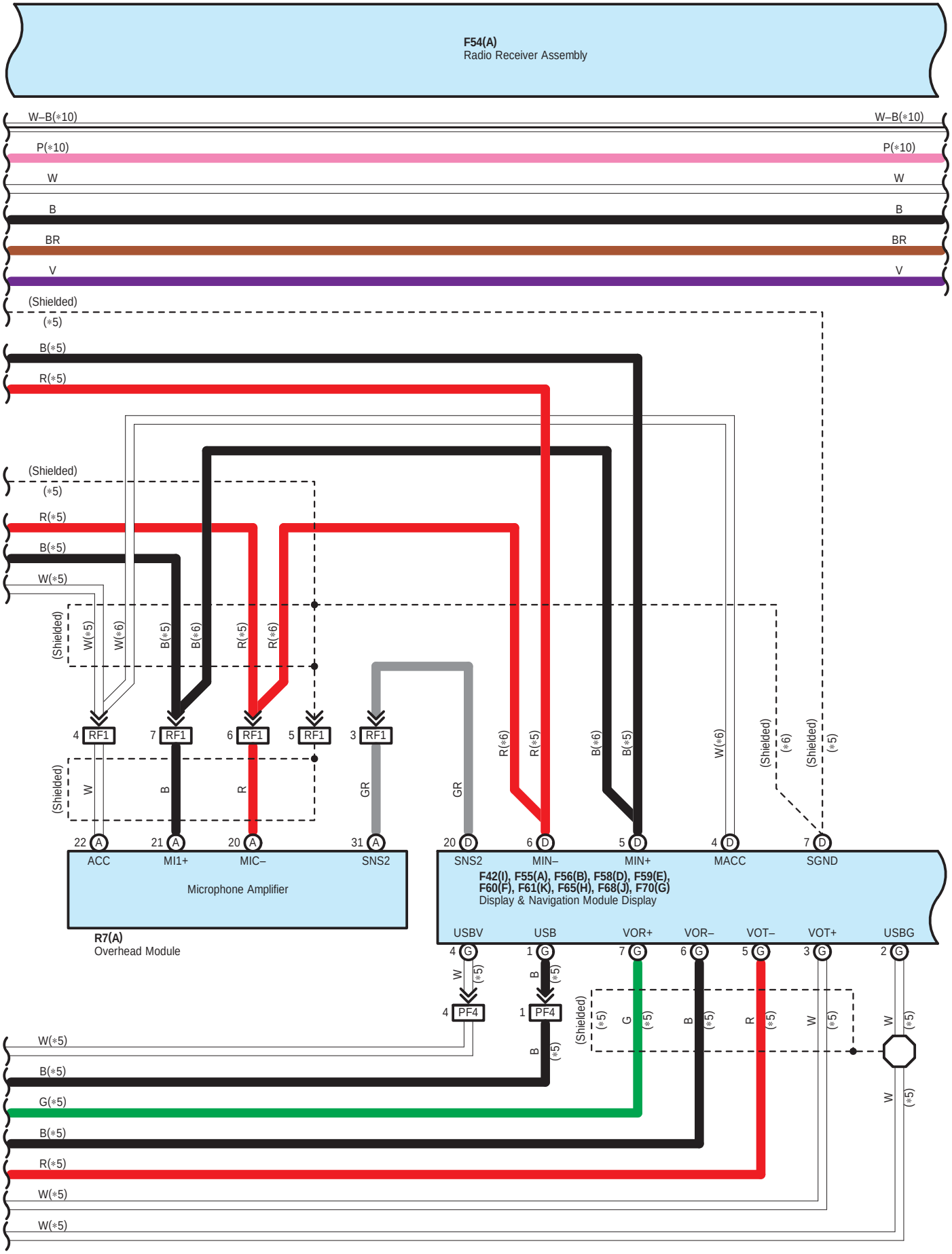


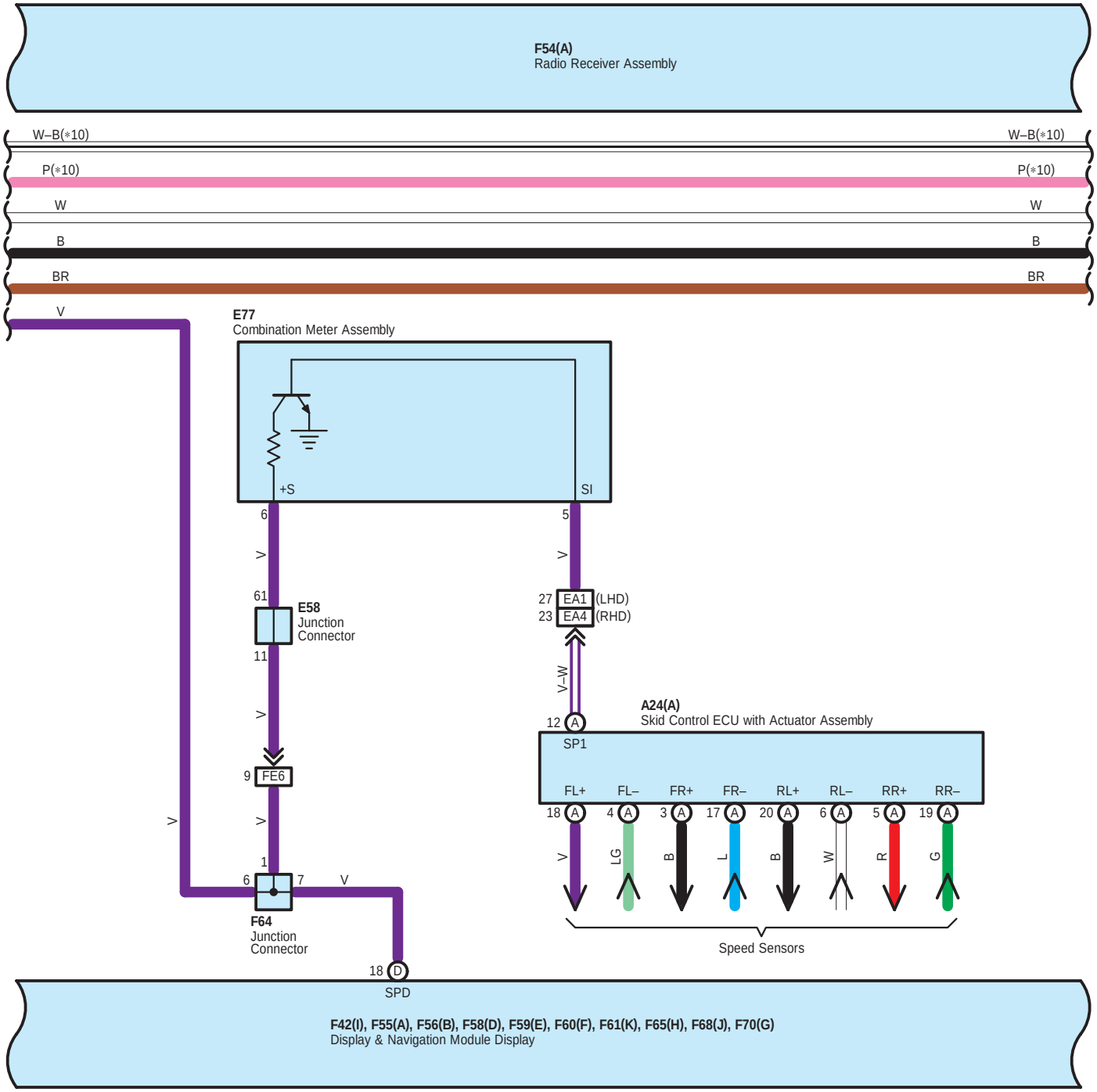

(BAT)
30A AMP1
30A AMP2
10A RAD NO. 1
F54(A)
Radio Receiver Assembly
B
MO+
MO–
SLDI
WUO
F20 Junction Connector
(Shielded)
W–B(*10)
+B2
+B
MI+
MI–
SLDI
WUI
F2(A), F3(B), F4(C), F31(E), F63(D)
Stereo Component Amplifier Assembly
FL+
FL–
RR+
RR–
RL+
RL–
WFL+
WFL–
WFR+
WFR–
TWL+
TWL–
F8 Front No. 2 Speaker Assembly LH
F14 Front No. 3 Speaker Assembly LH
J15 Rear No. 3 Speaker Assembly RH
J17 Rear No. 3 Speaker Assembly LH
I10 Front No. 1 Speaker Assembly LH
I1 Front No. 1 Speaker Assembly RH
W–B (*10)
L1


F54(A)
Radio Receiver Assembly
∗ 1 : MARK LEVINSON
∗ 2 : Except MARK LEVINSON
∗10 : w/ Rear Seat Entertainment System
W–B(∗10)
W–B(∗10)
F2(A), F3(B), F4(C), F31(E), F63(D)
Stereo Component Amplifier Assembly
R–L+
R–L–
R–R+
R–R–
CTR+
CTR–
GND
GND2
J8
Rear Speaker Set LH
J1
Rear Speaker Set RH
F6
Front No. 4 Speaker Assembly
F1

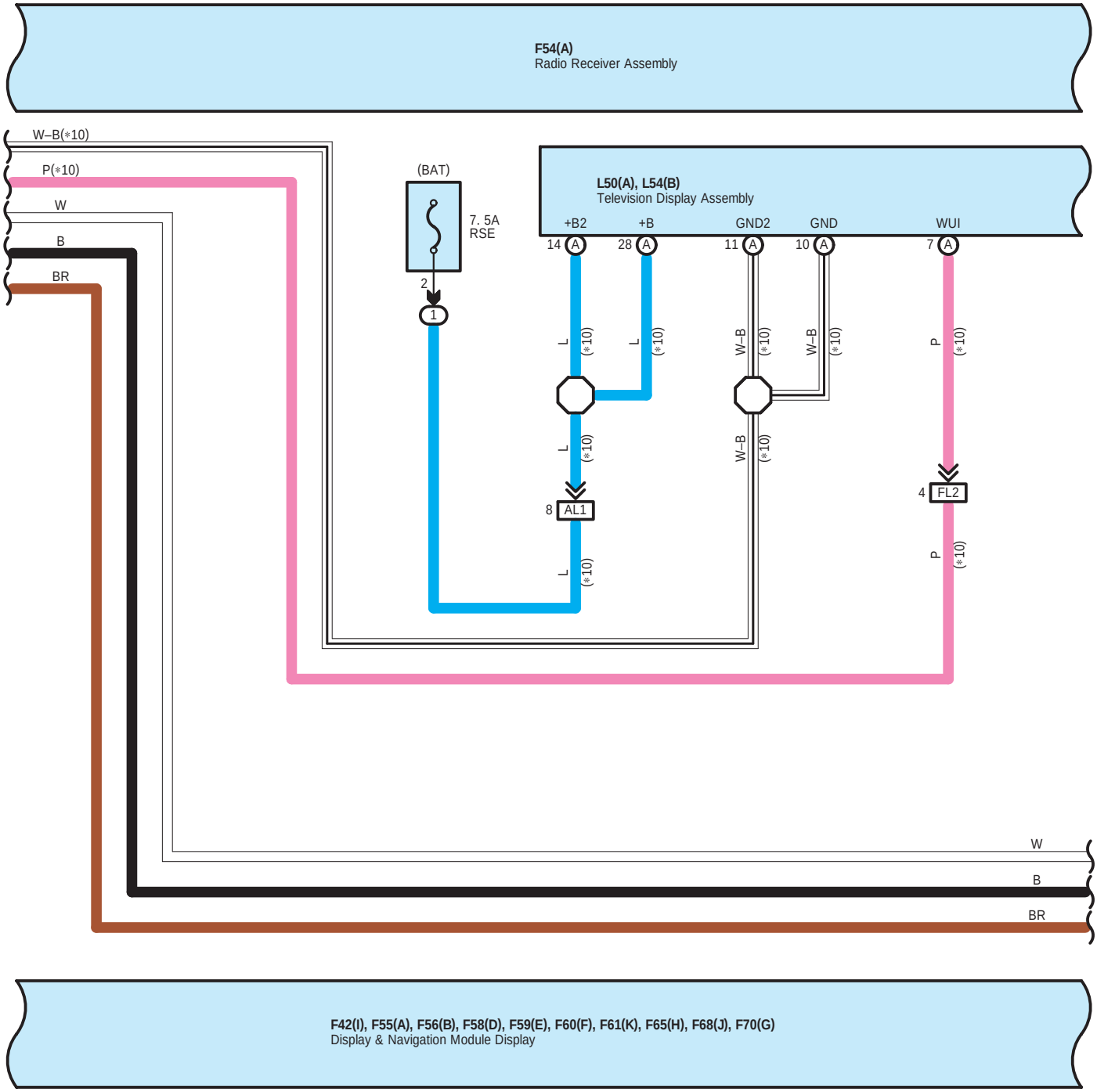

F54(A)
Radio Receiver Assembly
W–B(∗10)
W–B(∗10)
P(∗10)
W
B
BR
V
B(∗5)
W(∗5)
B(∗5)
W
(∗1 ∗6)
B
(∗1 ∗6)
B(∗5)
W(∗5)
P (∗10)
W (∗1)
B (∗1)
BR
V
B (∗5)
W (∗2)
B (∗2)
W (∗5)
B (∗5)
9 D WUO
6 D MO+
12 D MO–
11 D SLDO
2 D SPD
7 D TMUT
10 C FR+
9 C FR–
8 E FR+
7 E FR–
F2(A), F3(B), F4(C), F31(E), F63(D)
Stereo Component Amplifier Assembly
WF1+
WF1–
SL+
SL–
SR+
SR–
1 B
6 B
2 C
7 C
1 C
6 C
55 FL1
53 FL1
11 FE2
10 FE2
5 FE2
6 FE2
50 EK2
49 EK2
47 EK2
48 EK2
1 SK2
11 SK2
10 SK2
20 SK2
1
2
WF1+
WF1–
RLD+
RLD–
RRD+
RRD–
L4
No. 1 with Box
Speaker Assembly
S9
Rear Header Speaker
Assembly LH
S8
Rear Header Speaker
Assembly RH
B(∗2)
B(∗5)
W(∗1 ∗6)
W(∗2)
3
1
–
+
TWR–
TWR+
4
2
2
1
F7
Front No. 2 Speaker
Assembly RH
F13
Front No. 3 Speaker
Assembly RH

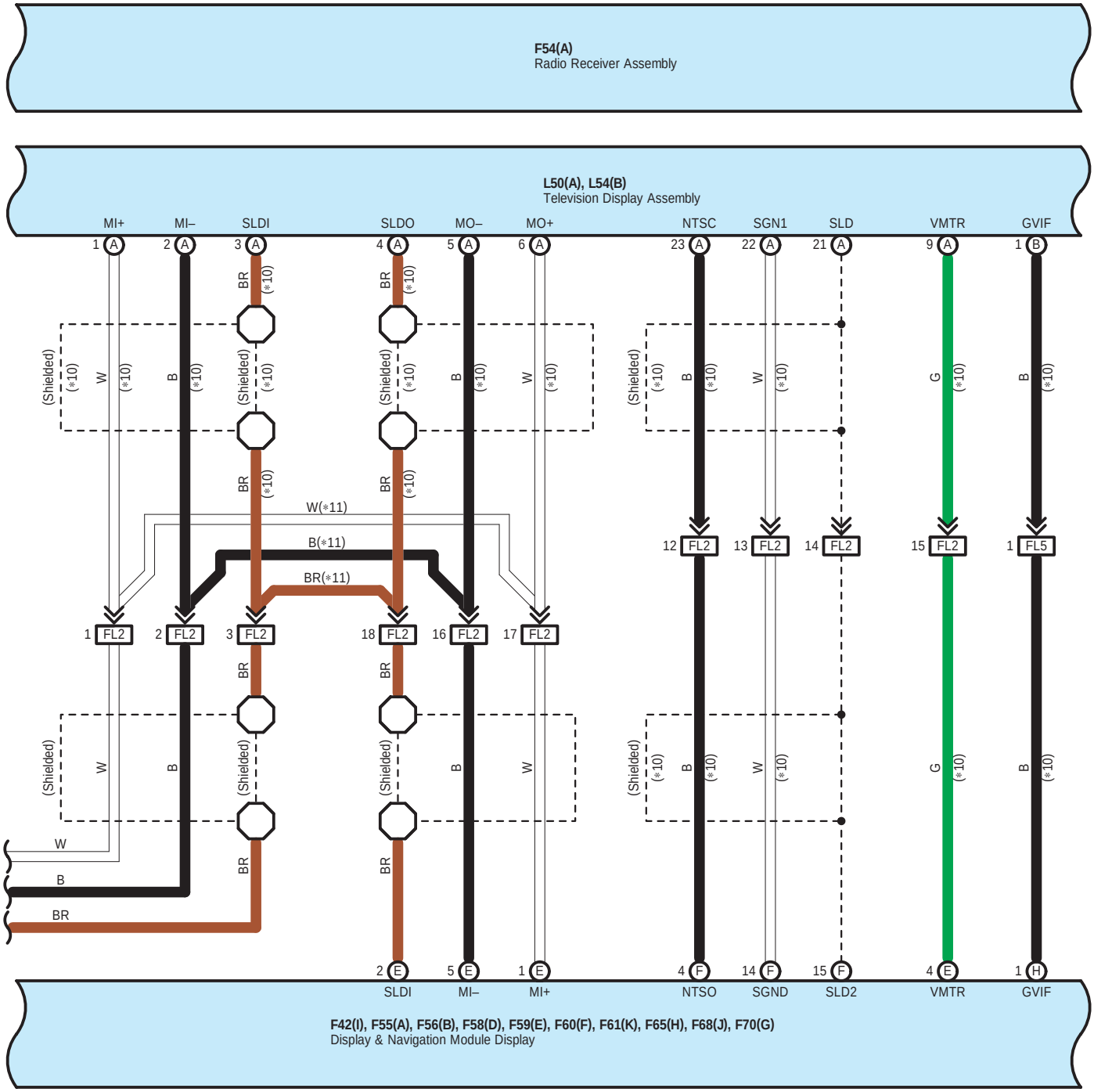

F54(A)
Radio Receiver Assembly
W–B(∗10)
P(∗10)
W
B
BR
V
(Shielded)
(∗5)
B(∗5)
R(∗5)
W(∗5)
PF3
PF4
SPO+
SPO–
SPI–
SPI+
MUTE
MCO+
MCO–
SGND
MCI–
MCI+
MCVD
P2(A), P3(B)
Telematics Transceiver
USBG
VOT+
VOT–
VOR–
VOR+
USB
USBV
∗ 1 : MARK LEVINSON
∗ 2 : Except MARK LEVINSON
∗ 5 : w/ Telematics System
∗ 6 : w/o Telematics System
∗10 : w/ Rear Seat Entertainment System


F54(A)
Radio Receiver Assembly
W–B(∗10)
P(∗10)
W
B
BR
V
(Shielded)
(∗5)
B(∗5)
R(∗5)
W(∗5)
W(∗6)
B(∗6)
R(∗6)
RF1
22 A ACC
21 A MI1+
20 A MIC–
31 A SNS2
Microphone Amplifier
R7(A)
Overhead Module
20 D SNS2
6 D MIN–
5 D MIN+
4 D MACC
7 D SGND
F42(I), F55(A), F56(B), F58(D), F59(E), F60(F), F61(K), F65(H), F68(J), F70(G)
Display & Navigation Module Display
USBV
USB
VOR+
VOR–
VOT–
VOT+
USBG
PF4
G(∗5)

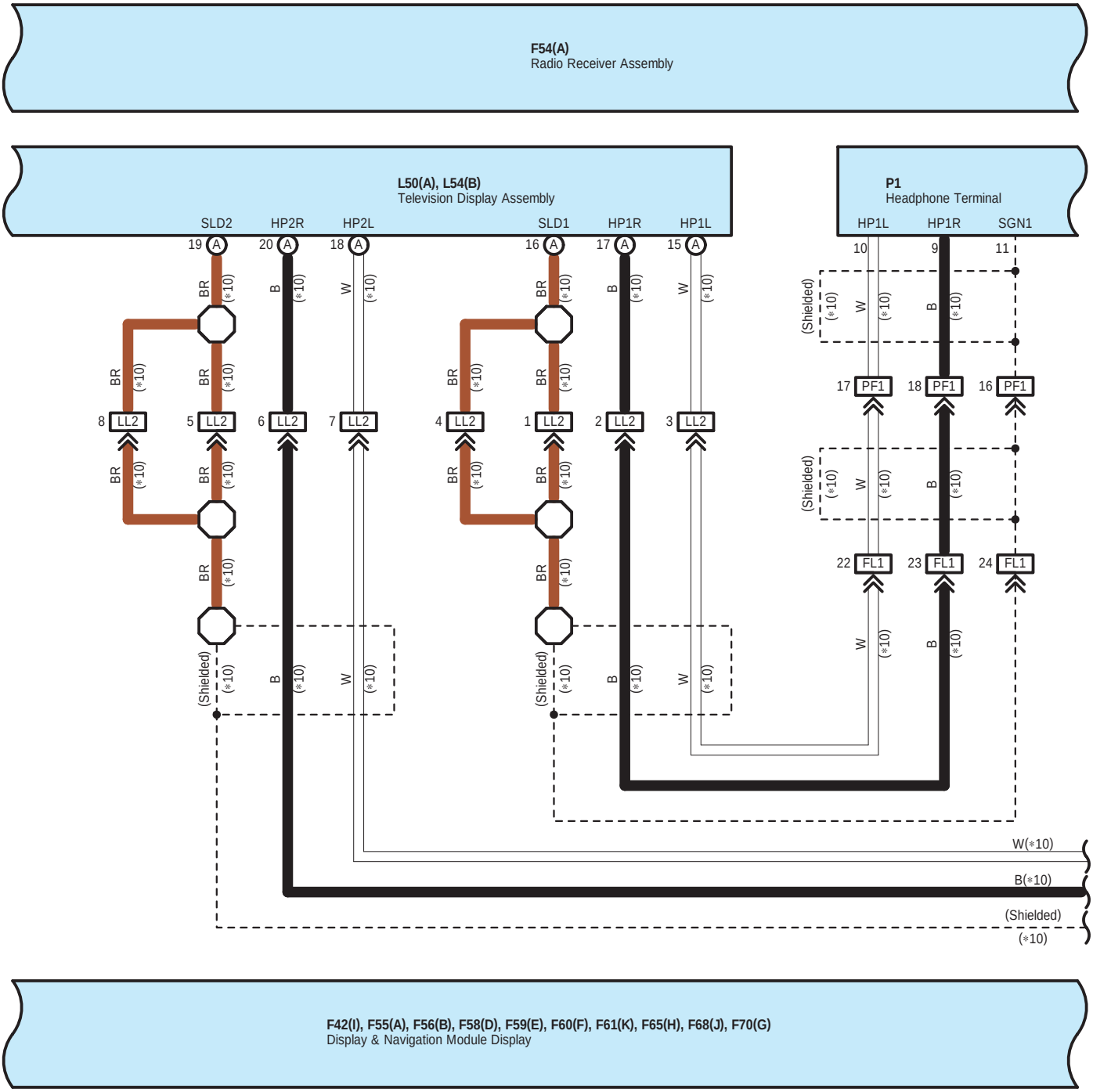


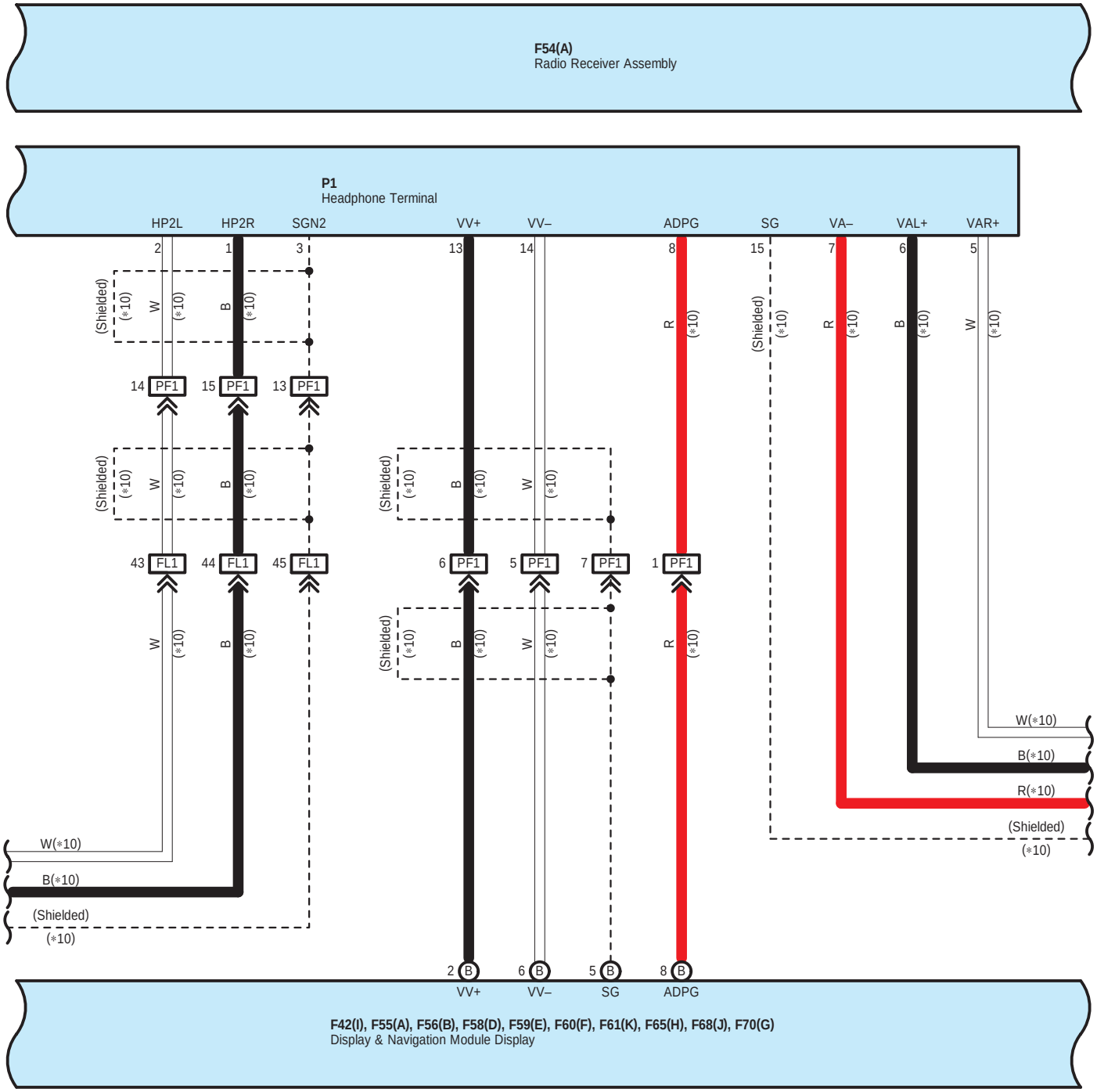

∗ 5 : w/ Telematics System
∗ 6 : w/o Telematics System
∗10 : w/ Rear Seat Entertainment System


F54(A)
Radio Receiver Assembly
W–B(∗10)
P(∗10)
W
B
BR
(BAT)
7. 5A
RSE
2
1
L50(A), L54(B)
Television Display Assembly
+B2
+B
GND2
GND
WUI
14 A
28 A
11 A
10 A
7 A
L (∗10)
W–B (∗10)
P (∗10)
8 AL1
4 FL2
W
B
BR
F42(I), F55(A), F56(B), F58(D), F59(E), F60(F), F61(K), F65(H), F68(J), F70(G)
Display & Navigation Module Display

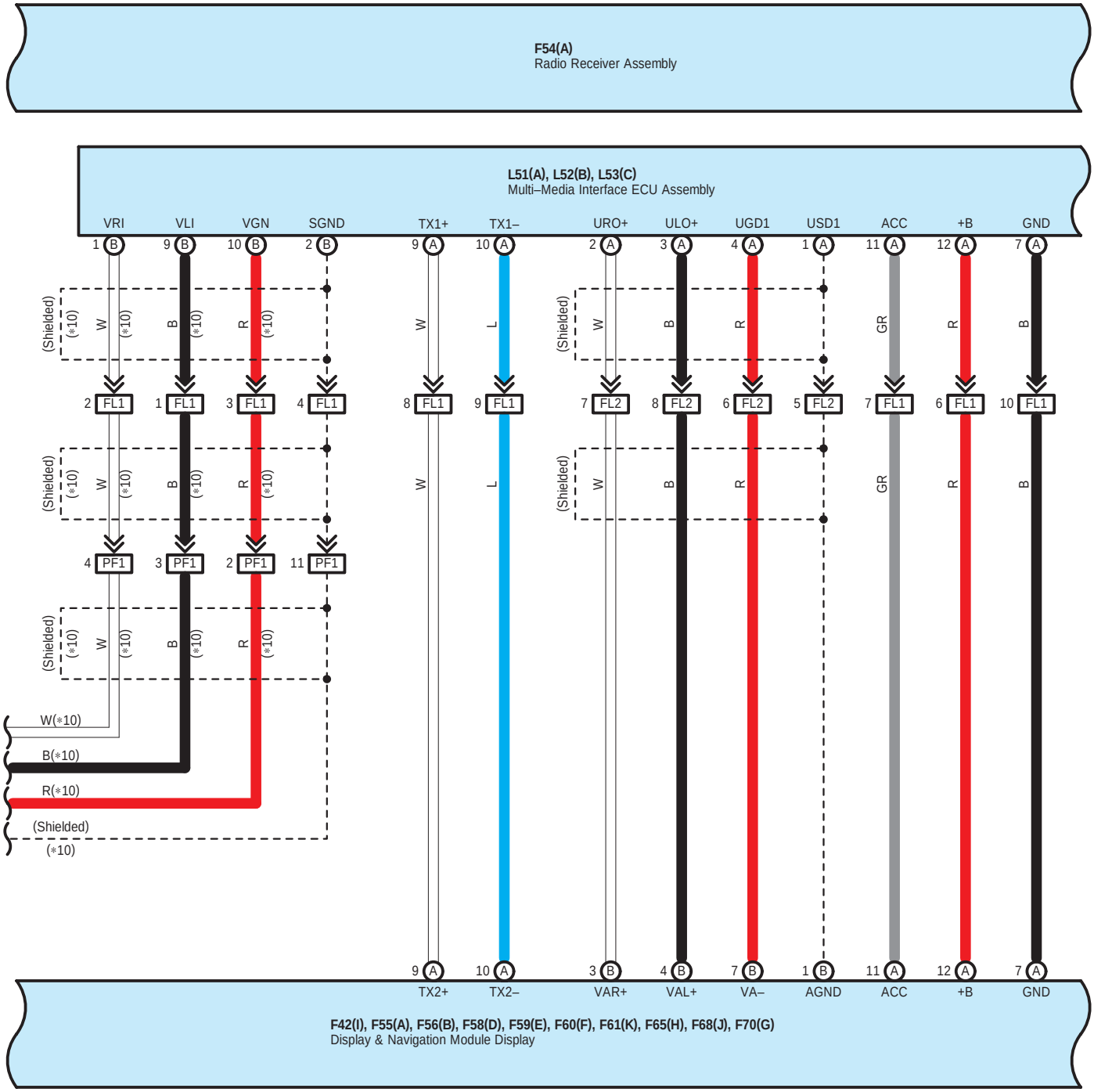


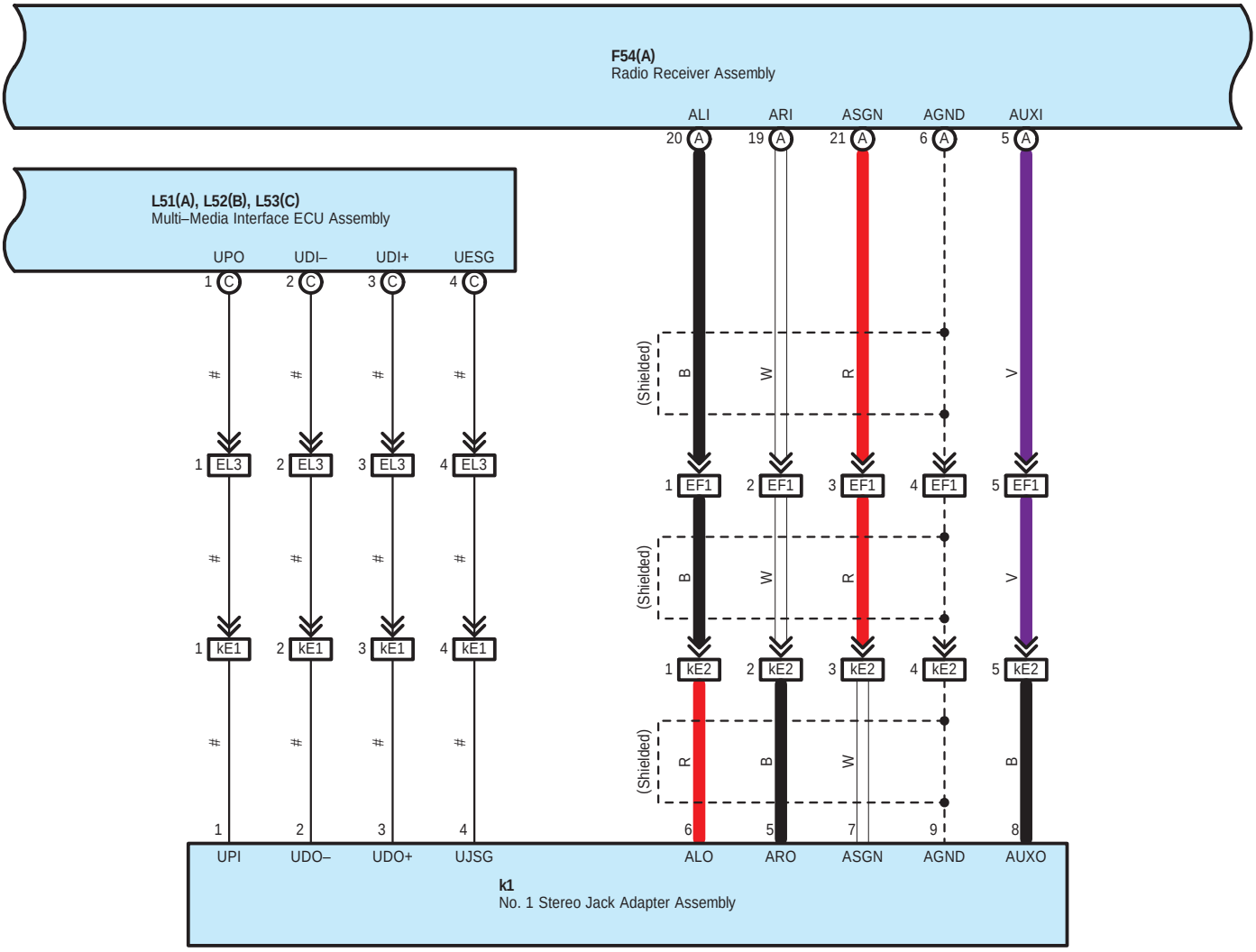

∗10 : w/ Rear Seat Entertainment System
∗11 : w/o Rear Seat Entertainment System


F54(A)
Radio Receiver Assembly
L50(A), L54(B)
Television Display Assembly
SLD2
HP2R
HP2L
SLD1
HP1R
HP1L
P1
Headphone Terminal
HP1L
HP1R
SGN1
19
20
18
16
17
15
10
9
11
BR
B
W
(*10)
(Shielded)
8
5
6
7
4
1
2
3
LL2
17
18
16
PF1
22
23
24
FL1
W(*10)
B(*10)
(Shielded)
(*10)
F42(I), F55(A), F56(B), F58(D), F59(E), F60(F), F61(K), F65(H), F68(J), F70(G)
Display & Navigation Module Display




∗10 : w/ Rear Seat Entertainment System

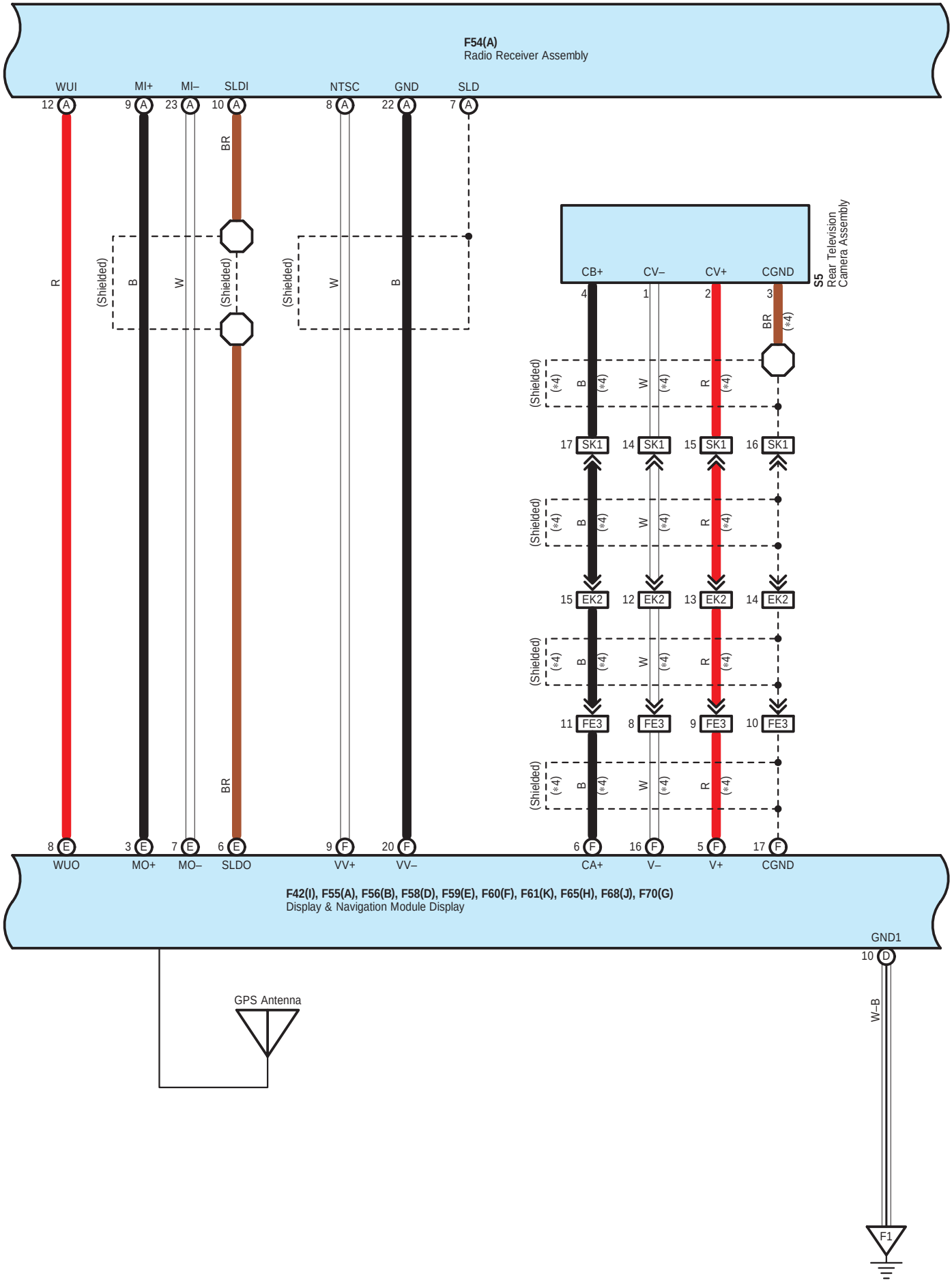

F54(A)
Radio Receiver Assembly
L51(A), L52(B), L53(C)
Multi–Media Interface ECU Assembly
VRI
VLI
VGN
SGND
TX1+
TX1–
URO+
ULO+
UGD1
USD1
ACC
+B
GND
(Shielded)
(∗10)
W
B
R
L
GR
FL1
FL2
PF1
W(∗10)
B(∗10)
R(∗10)
(Shielded)
(∗10)
TX2+
TX2–
VAR+
VAL+
VA–
AGND
ACC
+B
GND
F42(I), F55(A), F56(B), F58(D), F59(E), F60(F), F61(K), F65(H), F68(J), F70(G)
Display & Navigation Module Display

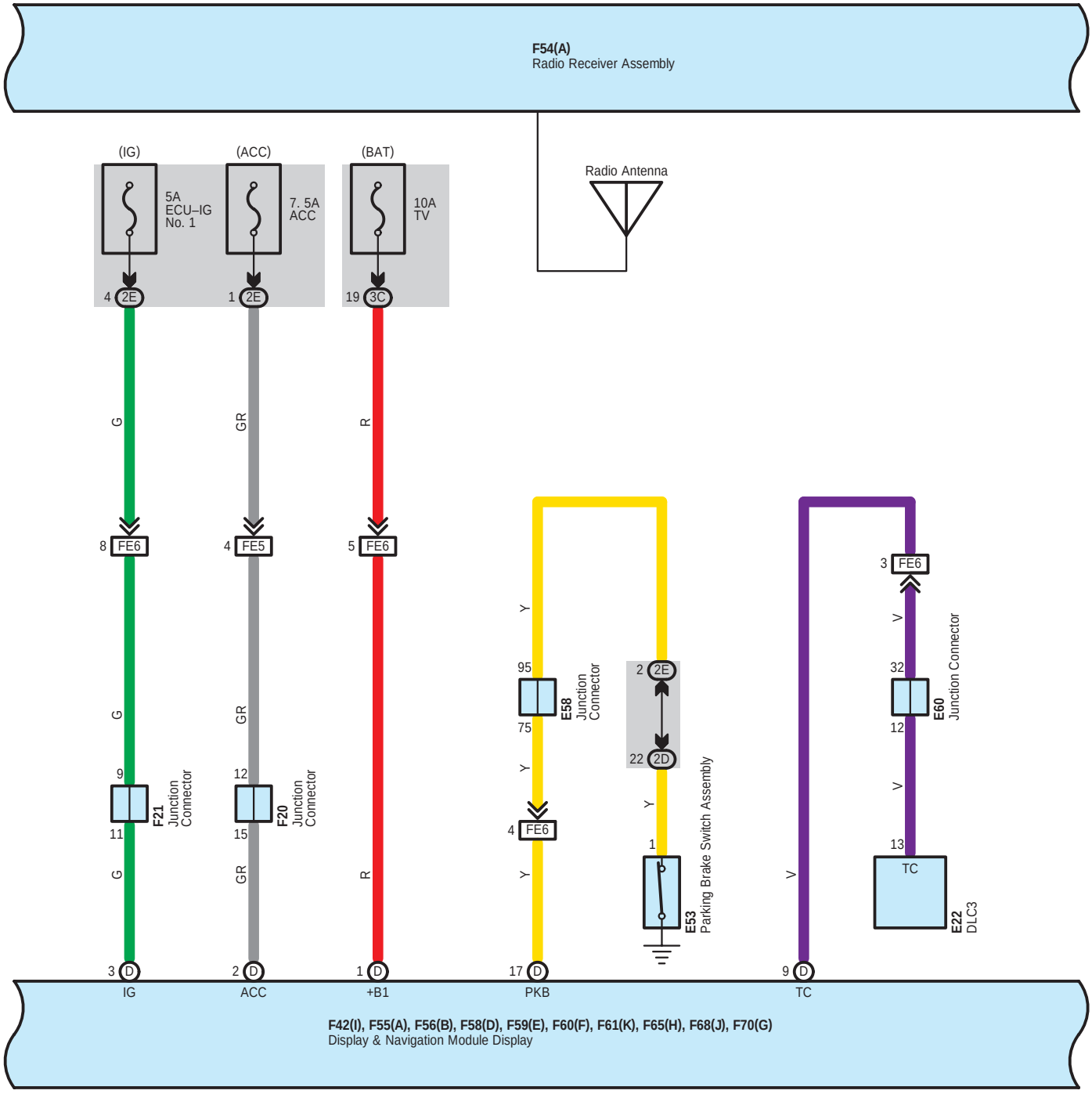



F42(I), F55(A), F56(B), F58(D), F59(E), F60(F), F61(K), F65(H), F68(J), F70(G)
Display & Navigation Module Display

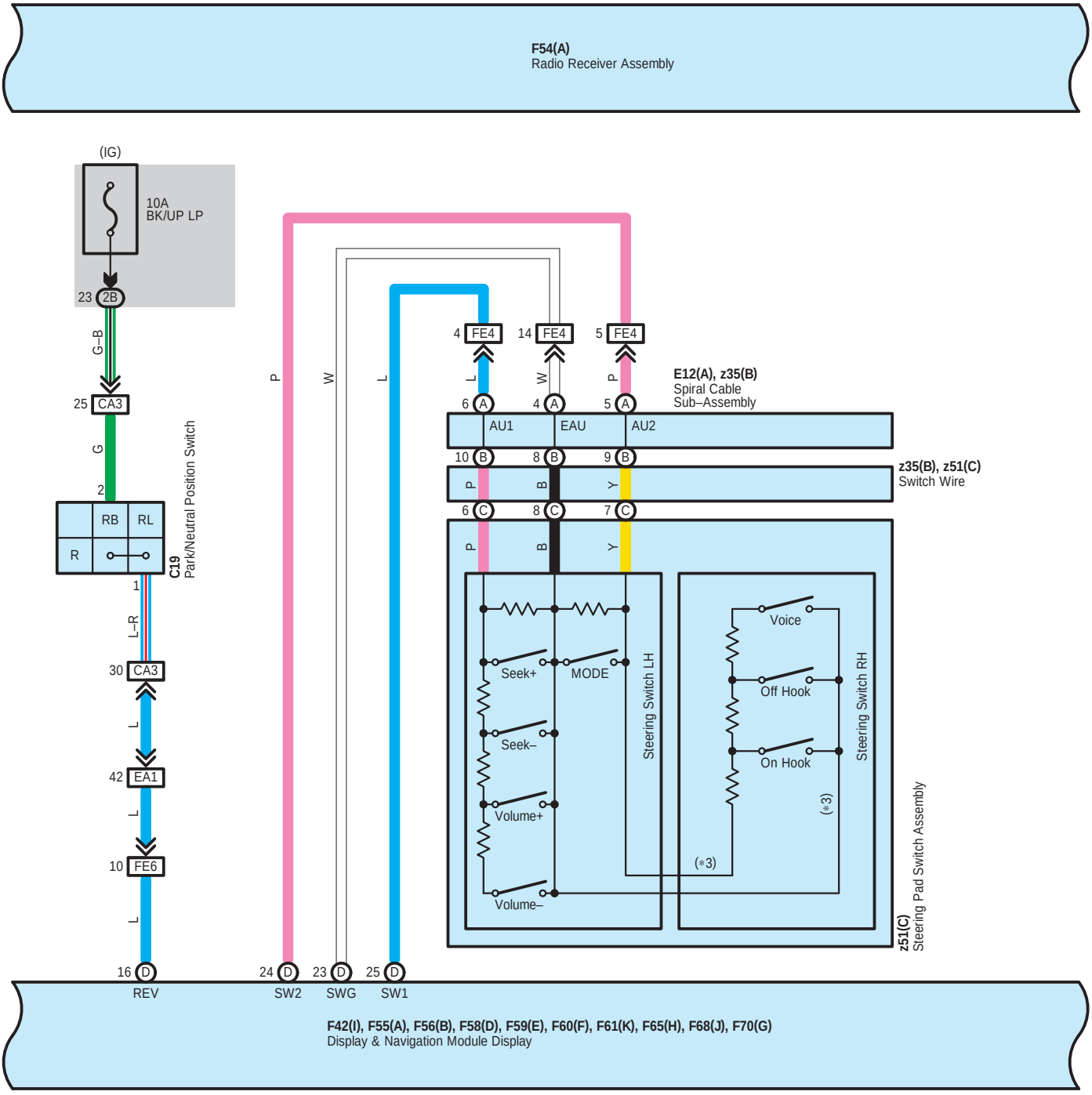
∗10 : w/ Rear Seat Entertainment System

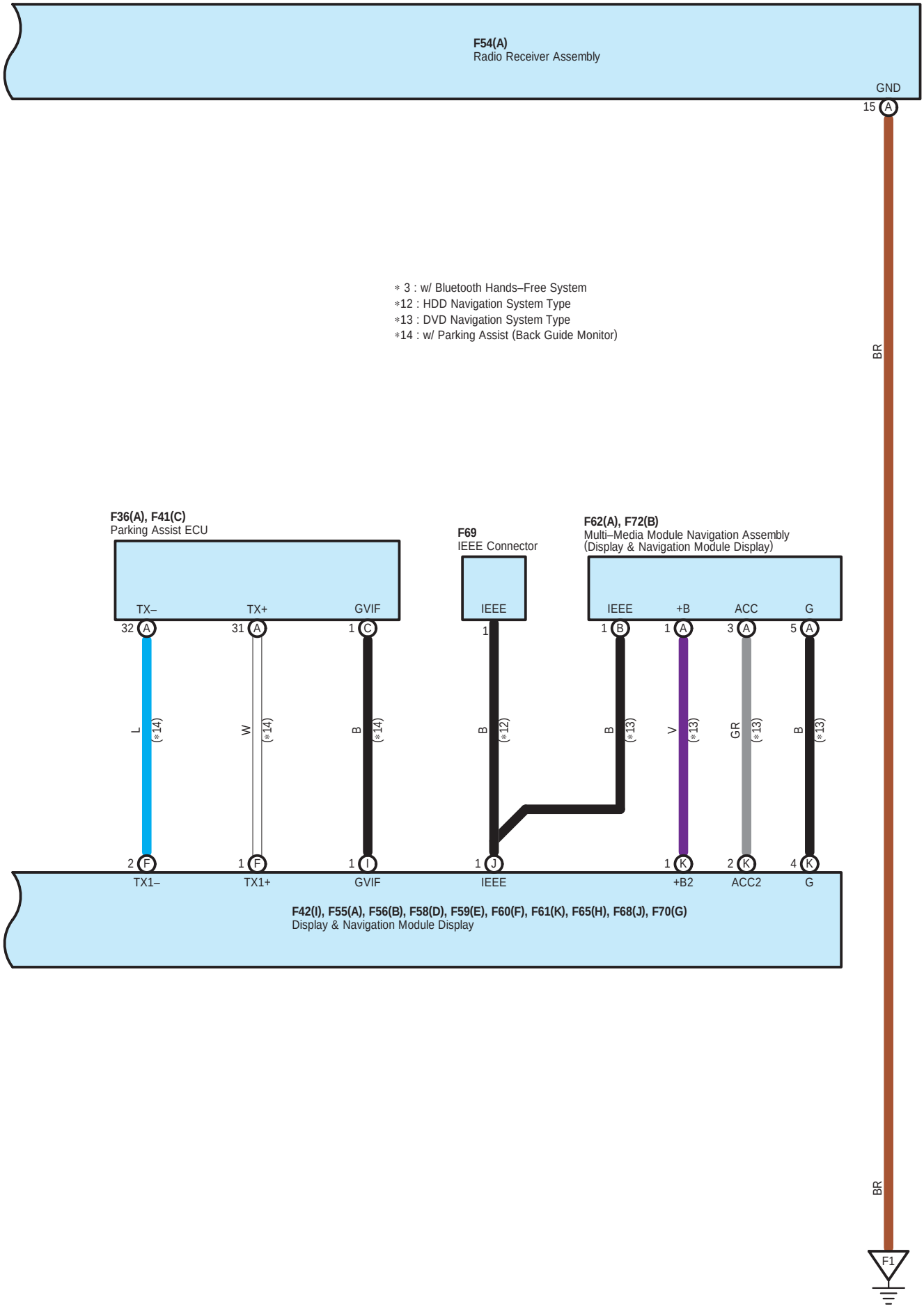
# : There is no wire color information.


F54(A)
Radio Receiver Assembly
WUI
MI+
MI–
SLDI
NTSC
GND
SLD
12 A
9 A
23 A
10 A
8 A
22 A
7 A
R
(Shielded)
B
W
BR
S5
Rear Television Camera Assembly
CB+
CV–
CV+
CGND
4
1
2
3
(*4)
17 SK1
14 SK1
15 SK1
16 SK1
15 EK2
12 EK2
13 EK2
14 EK2
11 FE3
8 FE3
9 FE3
10 FE3
8 E
3 E
7 E
6 E
9 F
20 F
6 F
16 F
5 F
17 F
WUO
MO+
MO–
SLDO
VV+
VV–
CA+
V–
V+
CGND
F42(I), F55(A), F56(B), F58(D), F59(E), F60(F), F61(K), F65(H), F68(J), F70(G)
Display & Navigation Module Display
GND1
10 D
W–B
F1
GPS Antenna

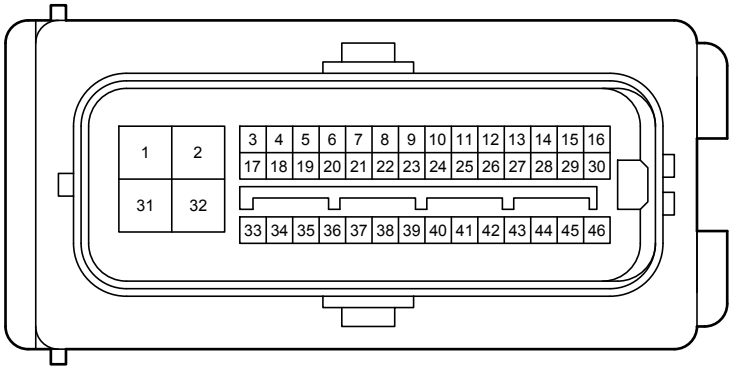



∗ 4 : w/ Parking Assist (Rear View Monitor)

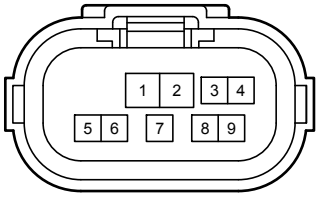

F54(A)
Radio Receiver Assembly
(IG)
10A
BK/UP LP
23 2B
G–B
25 CA3
G
2
RB
RL
R
C19
Park/Neutral Position Switch
1
L–R
30 CA3
L
42 EA1
L
10 FE6
L
16 D
REV
P
W
L
4 FE4
14 FE4
5 FE4
L
W
P
6 A
4 A
5 A
AU1
EAU
AU2
E12(A), z35(B)
Spiral Cable
Sub–Assembly
10 B
8 B
9 B
P
B
Y
z35(B), z51(C)
Switch Wire
6 C
8 C
7 C
P
B
Y
Seek+
MODE
Seek–
Volume+
Volume–
Steering Switch LH
Voice
Off Hook
On Hook
Steering Switch RH
(*3)
(*3)
z51(C)
Steering Pad Switch Assembly
24 D
23 D
25 D
SW2
SWG
SW1
F42(I), F55(A), F56(B), F58(D), F59(E), F60(F), F61(K), F65(H), F68(J), F70(G)
Display & Navigation Module Display


F54(A)
Radio Receiver Assembly
GND
15 A
BR
∗ 3 : w/ Bluetooth Hands–Free System
∗12 : HDD Navigation System Type
∗13 : DVD Navigation System Type
∗14 : w/ Parking Assist (Back Guide Monitor)
F36(A), F41(C)
Parking Assist ECU
TX–
TX+
GVIF
32 A
31 A
1 C
L (∗14)
W (∗14)
B (∗14)
2 F
1 F
1 I
TX1–
TX1+
GVIF
F69
IEEE Connector
IEEE
1
B (∗12)
1 J
IEEE
F62(A), F72(B)
Multi–Media Module Navigation Assembly
(Display & Navigation Module Display)
IEEE
+B
ACC
G
1 B
1 A
3 A
5 A
B (∗13)
V (∗13)
GR (∗13)
B (∗13)
1 K
2 K
4 K
+B2
ACC2
G
F42(I), F55(A), F56(B), F58(D), F59(E), F60(F), F61(K), F65(H), F68(J), F70(G)
Display & Navigation Module Display
BR
F1

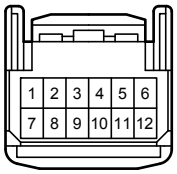
A 24
Black



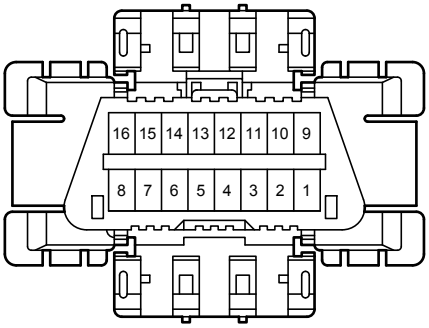

C 19
Gray




E 12
Black



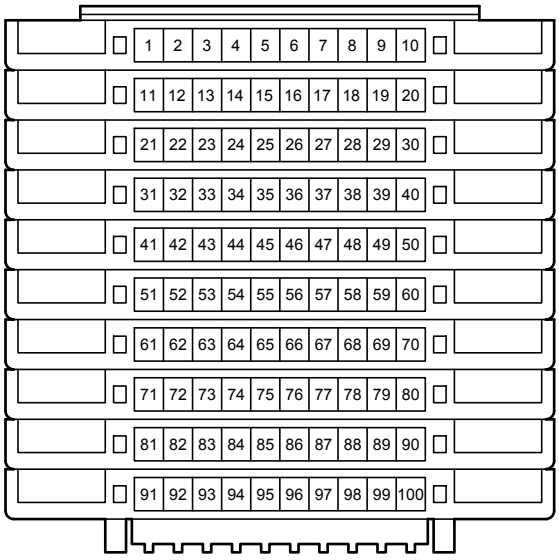

E 22
White



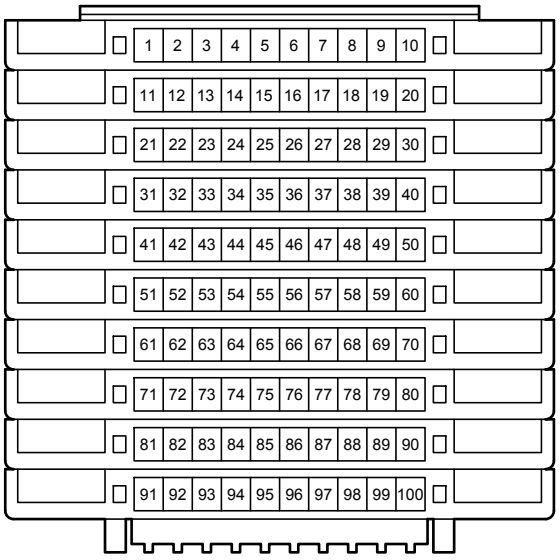

E 53
White



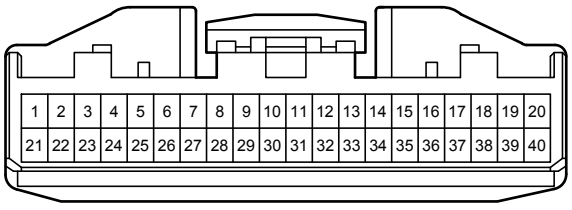

E 58
White




E 60
White



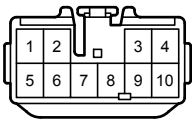

E 77
White



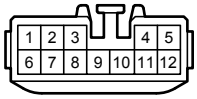

F 2
White



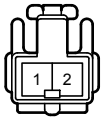

F 3
White



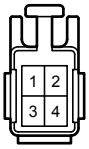
F 4
White



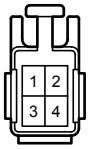

F 6
White



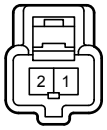

F 7
White



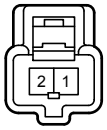

F 8
White



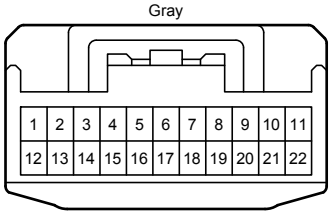

F 13
White



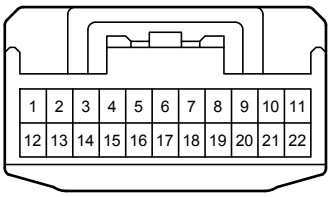

F 14
White



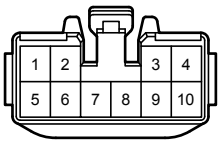

F 20
Gray



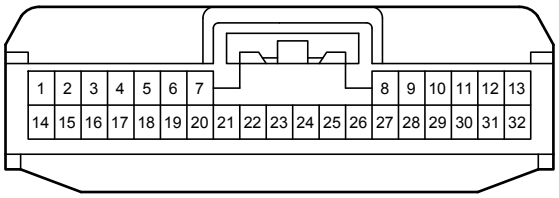

F 21
Black




F 31
White




F 36
White



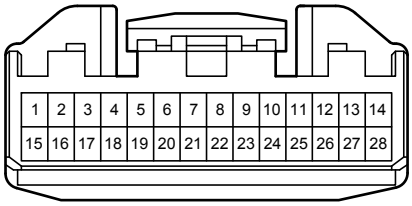

F 41
White



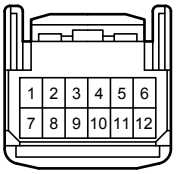

F 42
Blue



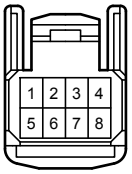

F 54
White



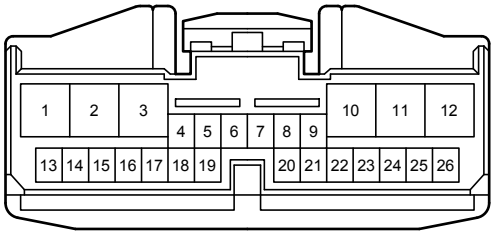

F 55
White



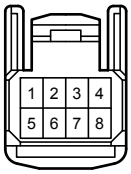

F 56
White



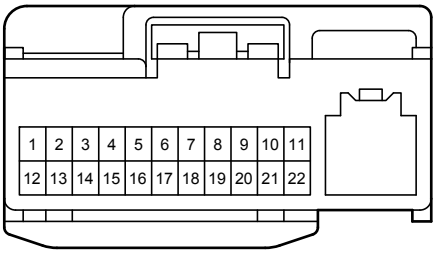

F 58
White



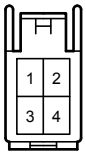

F 59
Black



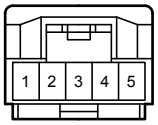

F 60
White



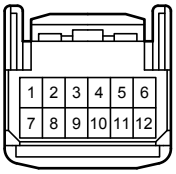

F 61
White



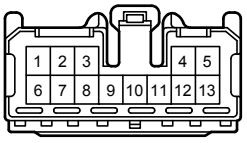

F 62
White




F 63
White




F 64
White



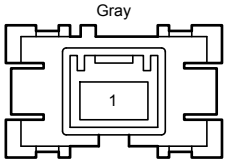

F 65
Brown



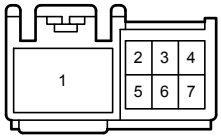
F 68
Gray




F 69
Gray




F 70
White




F 72
Gray



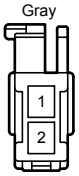

I 1
White



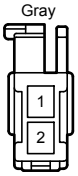

I 10
White



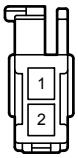

J 1
Gray




J 8
Gray



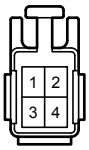

J 15
White



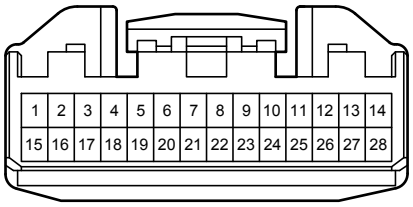

J 17
White



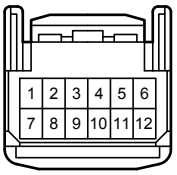

L 4
White



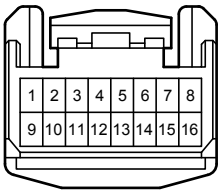

L 50
White



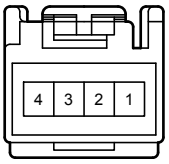

L 51
Black




L 52
White



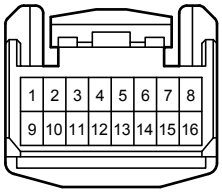

L 53
Brown



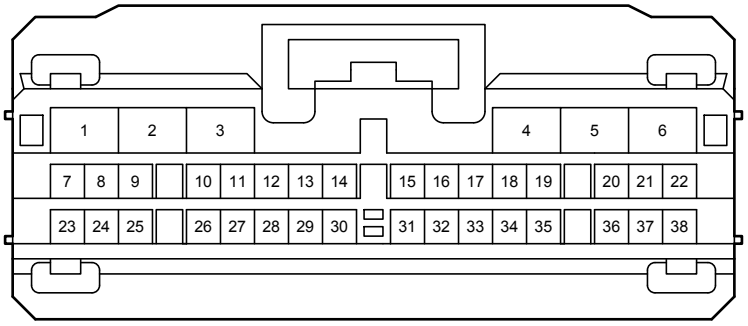

L 54
Blue



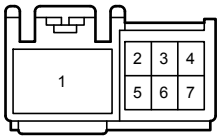

P 1
White



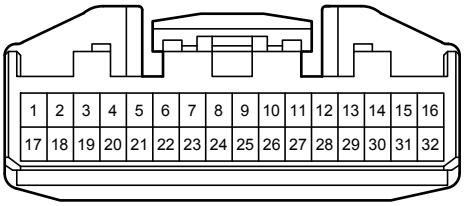

P 2
White



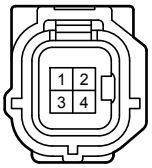

P 3
White



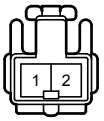

R 7
White



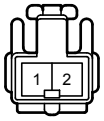

S 5
Black



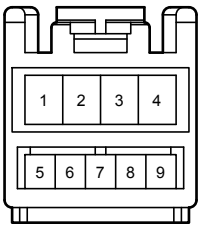

S 8
Blue



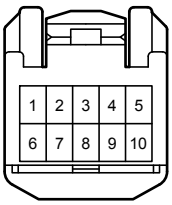

S 9
Blue



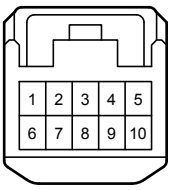

k 1
Black



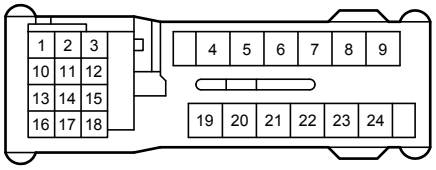

z 35
White



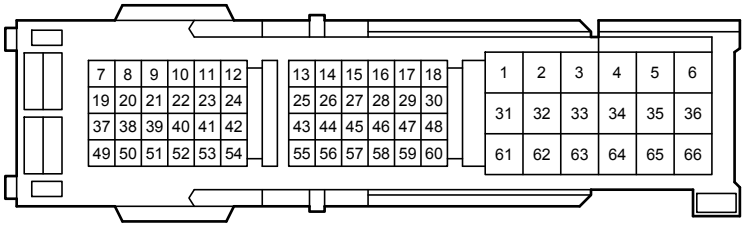

z 51
Blue



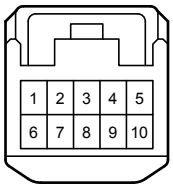
2B
White



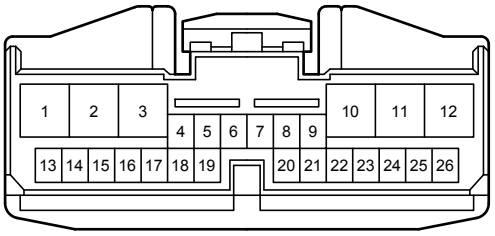

2D
White



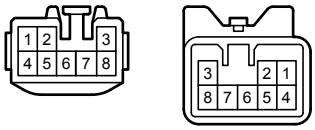

2E
White



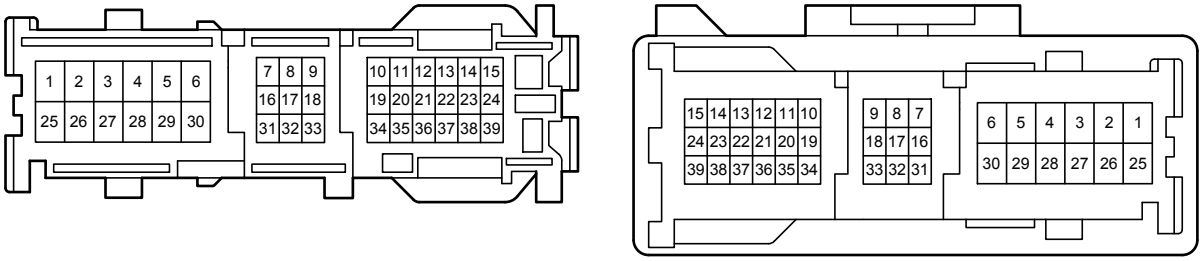

3C
White



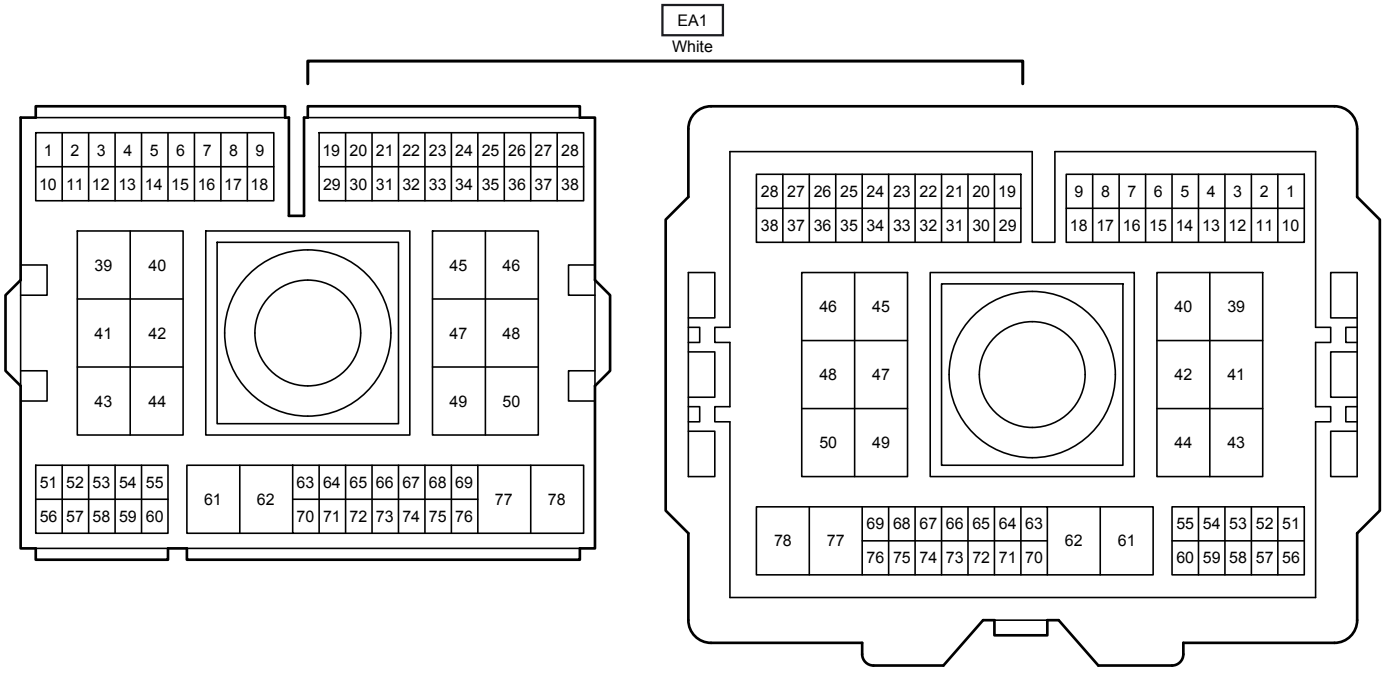

AL1
White

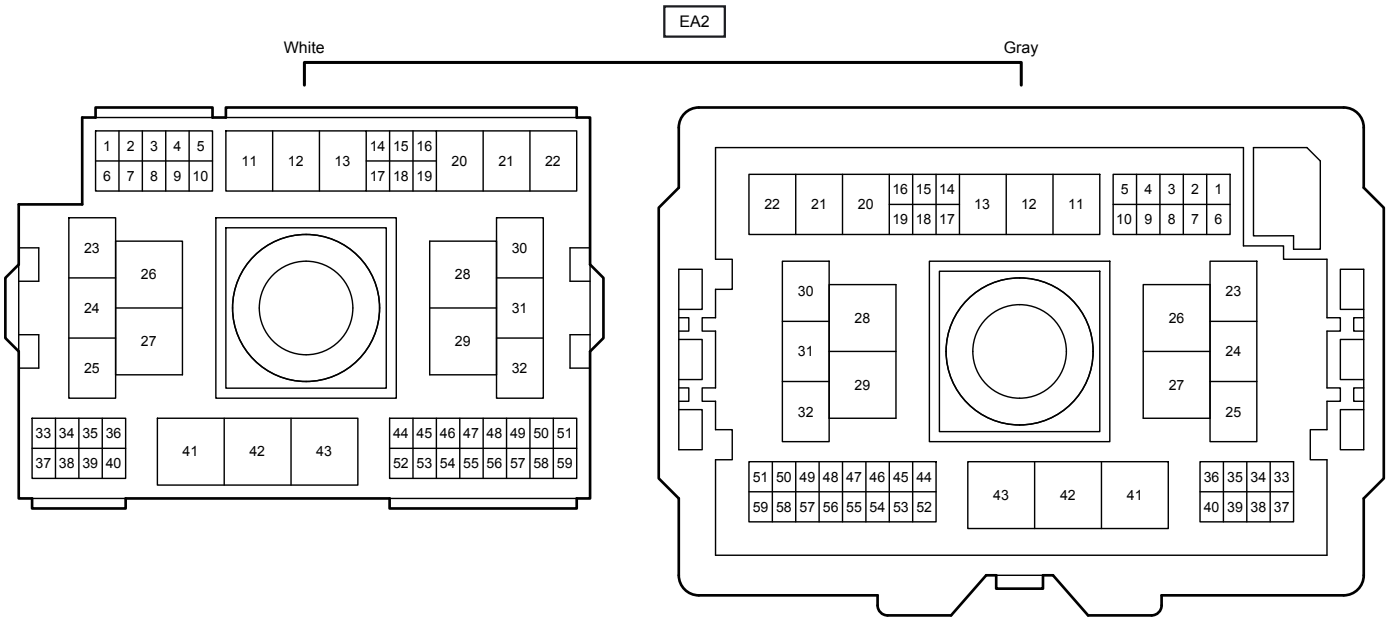


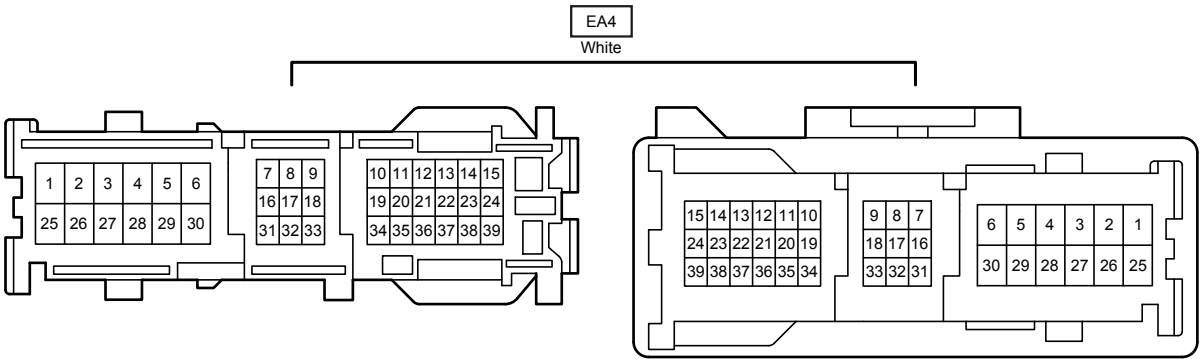

CA3
White

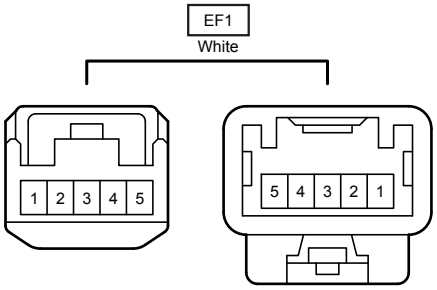


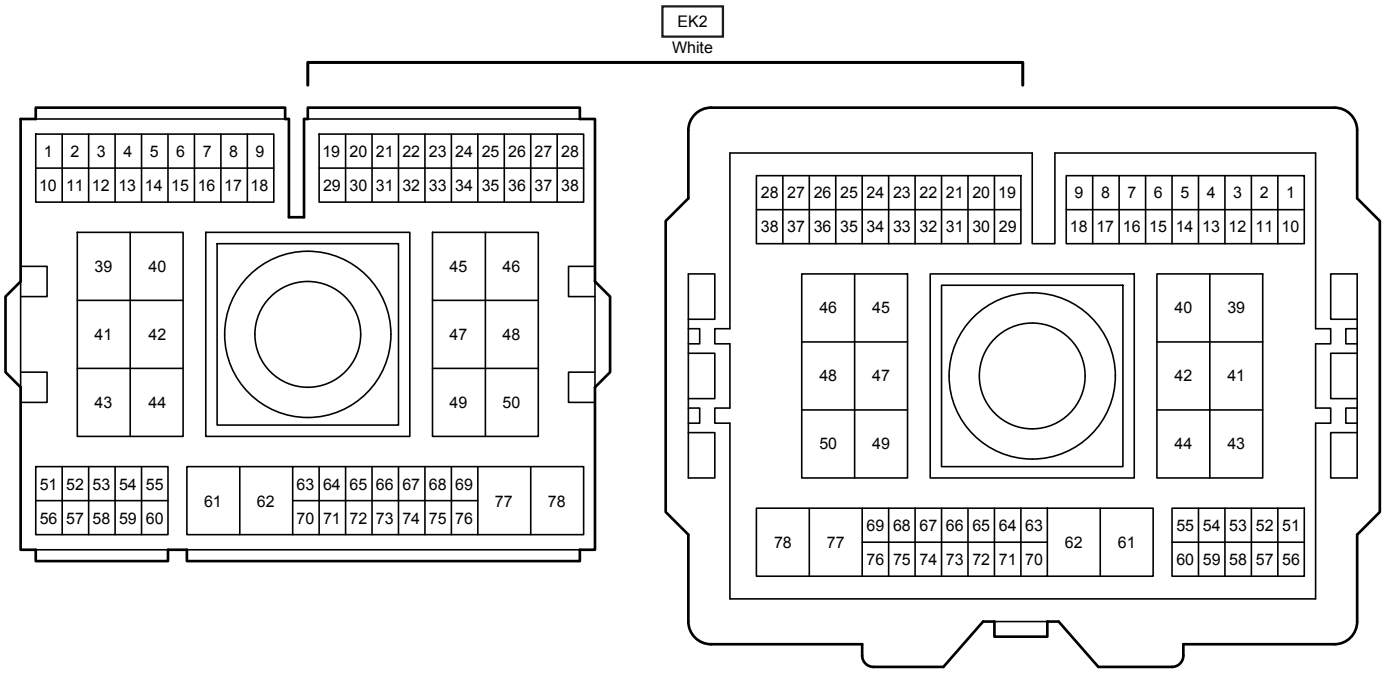

EA1
White

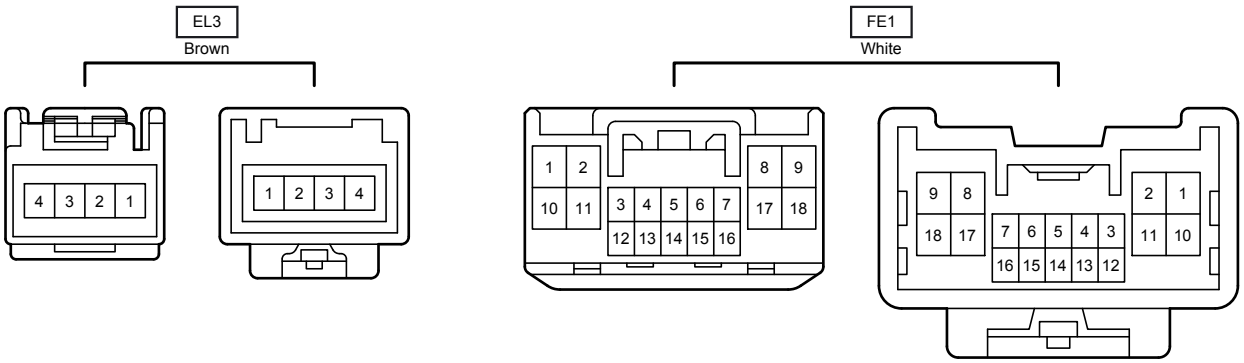


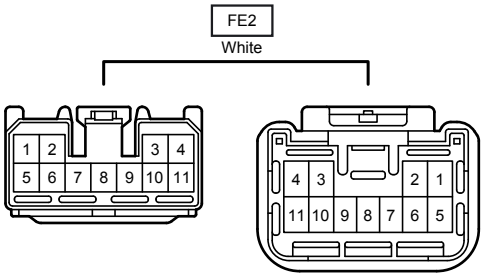

EA2
White
Gray
1 2 3 4 5
6 7 8 9 10
11 12 13
14 15 16
17 18 19
20 21 22
23 24 25 26 27
28 29 30 31 32
33 34 35 36
37 38 39 40
41 42 43
44 45 46 47 48 49 50 51
52 53 54 55 56 57 58 59
22 21 20
16 15 14
19 18 17
13 12 11
5 4 3 2 1
10 9 8 7 6
30 31 32 28 29
26 27 23 24 25
51 50 49 48 47 46 45 44
59 58 57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

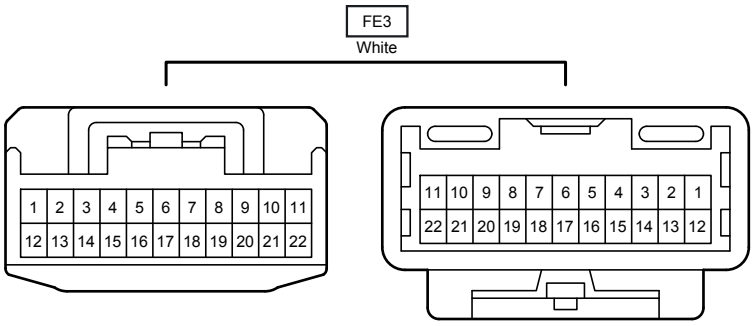

EA4
White
1 2 3 4 5 6
25 26 27 28 29 30
7 8 9
16 17 18
31 32 33
10 11 12 13 14 15
19 20 21 22 23 24
34 35 36 37 38 39
15 14 13 12 11 10
24 23 22 21 20 19
39 38 37 36 35 34
9 8 7
18 17 16
33 32 31
6 5 4 3 2 1
30 29 28 27 26 25


EF1
White
1 2 3 4 5
5 4 3 2 1

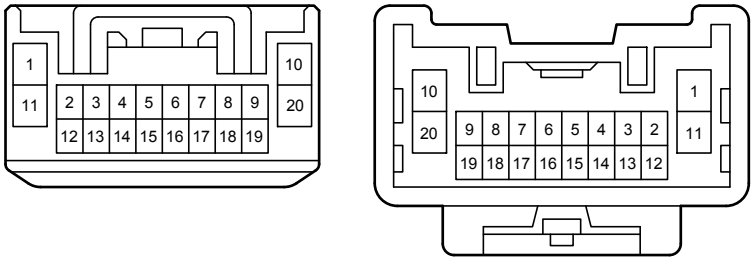

EK2
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7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


EL3
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

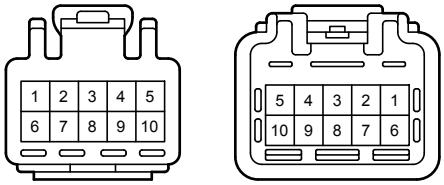

FE2
White
1 2
5 6 7 8 9 10 11
3 4
4 3
11 10 9 8 7 6 5
2 1


FE3
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

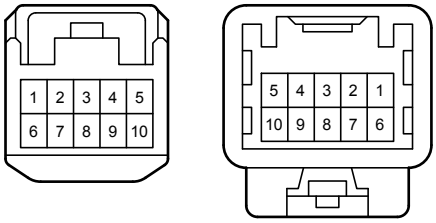
FE4
White



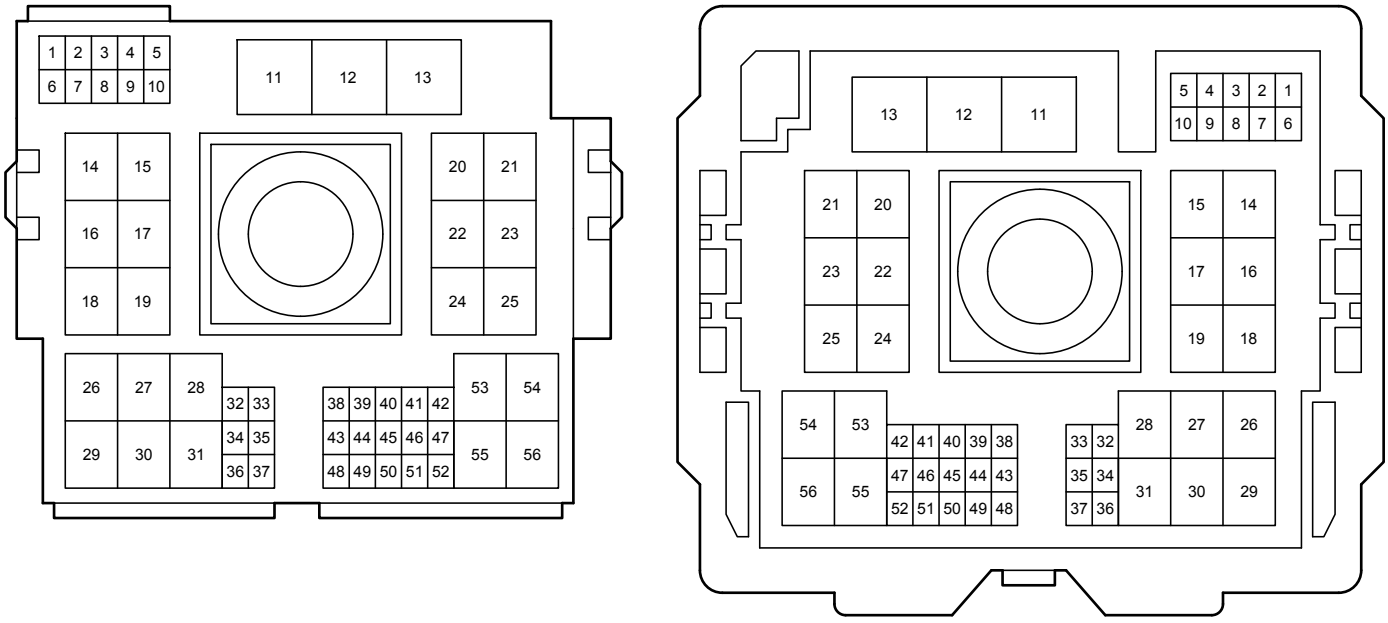

FE5
White



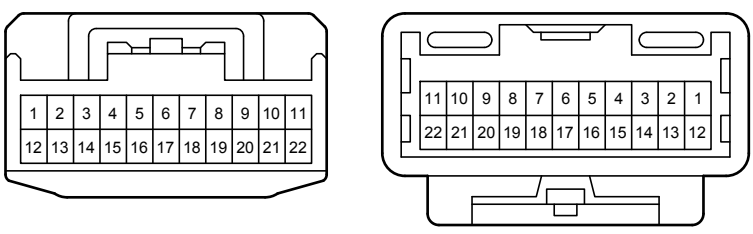

FE6
White



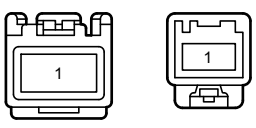

FL1
White Blue

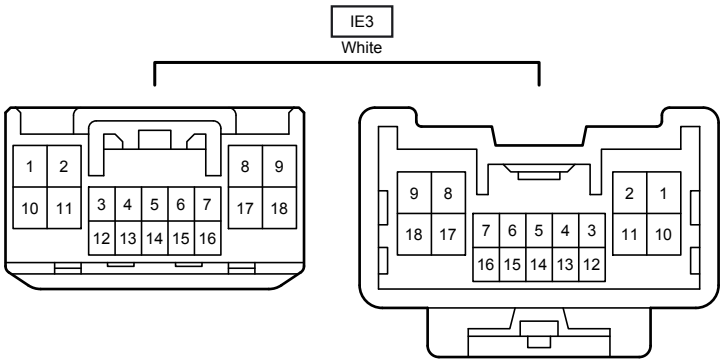


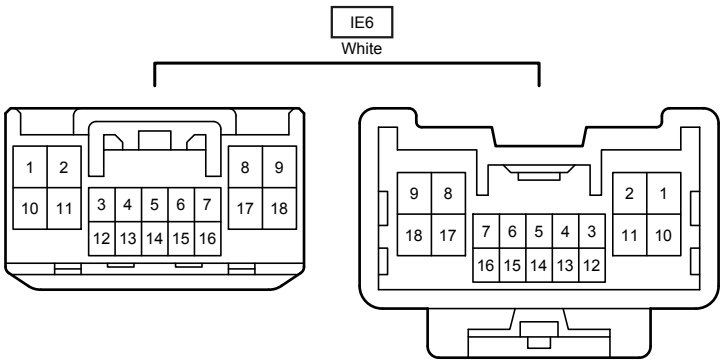

FL2
Blue

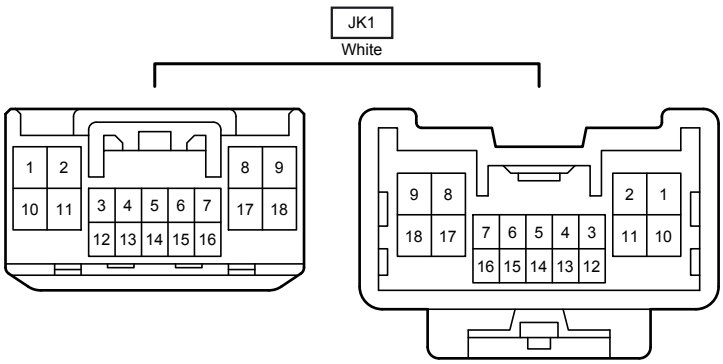


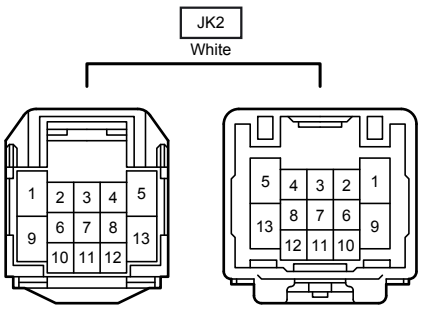

FL5
White

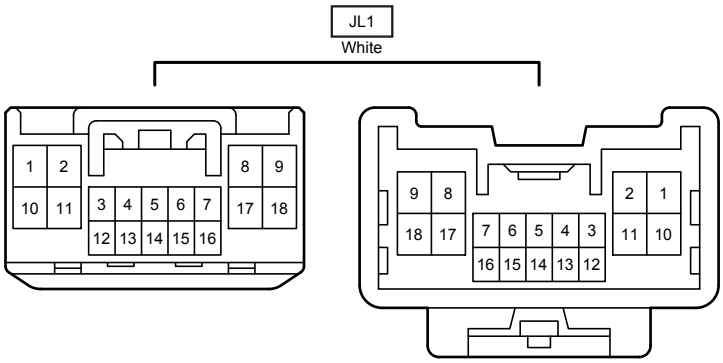


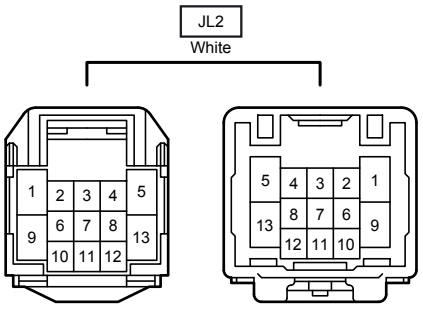

IE3
White
1 2 8 9
10 11 3 4 5 6 7 17 18
12 13 14 15 16
9 8 2 1
18 17 7 6 5 4 3 11 10
16 15 14 13 12


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

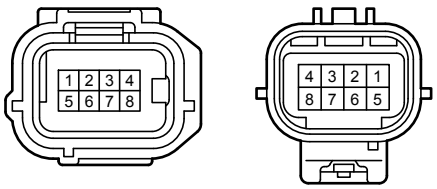

JK1
White
1 2 8 9
10 11 3 4 5 6 7 17 18
12 13 14 15 16
9 8 2 1
18 17 7 6 5 4 3 11 10
16 15 14 13 12


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

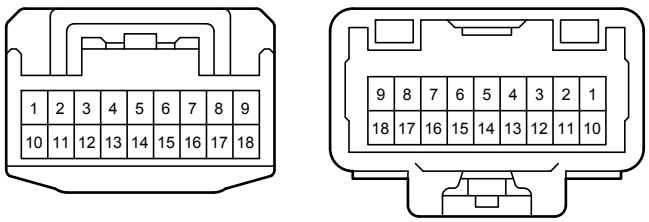

JL1
White
1 2 8 9
10 11 3 4 5 6 7 17 18
12 13 14 15 16
9 8 2 1
18 17 7 6 5 4 3 11 10
16 15 14 13 12


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

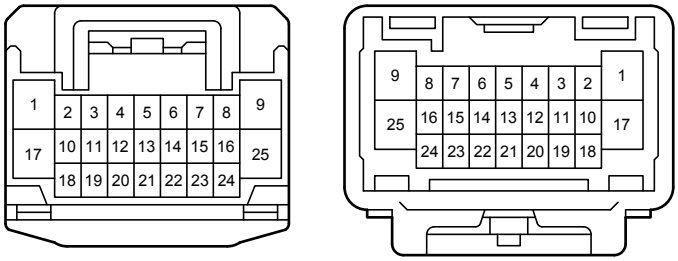
LL2
Gray



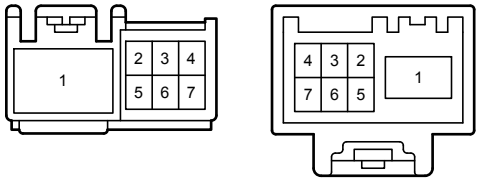

PF1
White



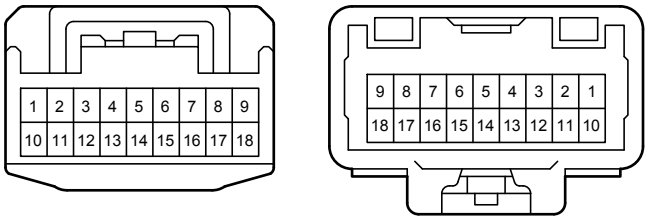

PF3
White



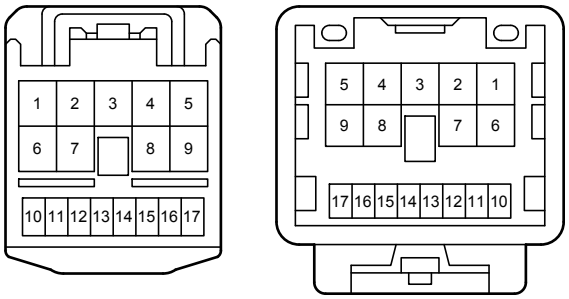

PF4
White

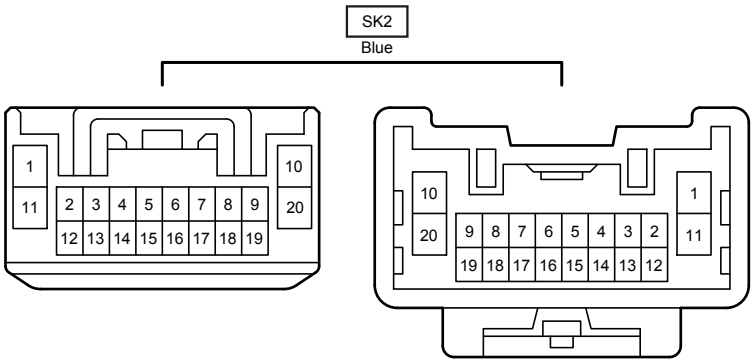


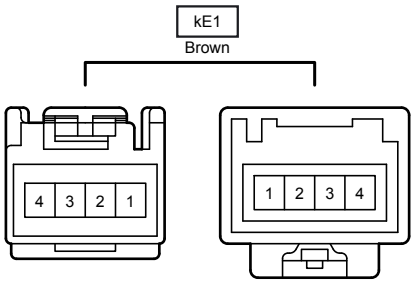

RF1
Gray

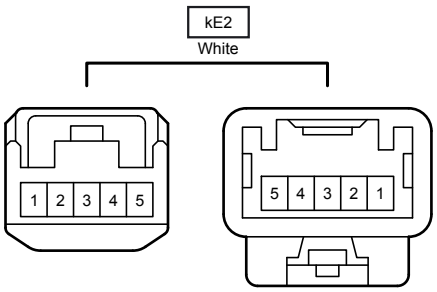


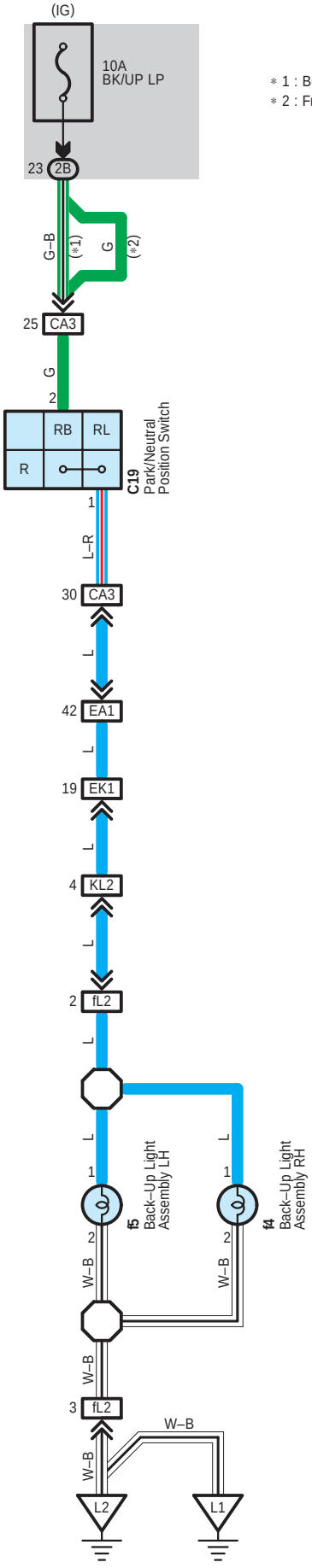

SK1
White




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

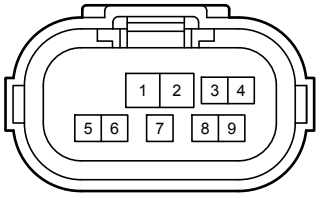

kE1
Brown
4 3 2 1
1 2 3 4


kE2
White
1 2 3 4 5
5 4 3 2 1

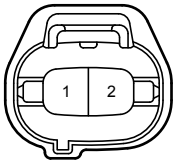



* 1 : Before Jan. 2013 Production
* 2 : From Jan. 2013 Production

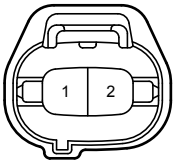
C 19
Gray



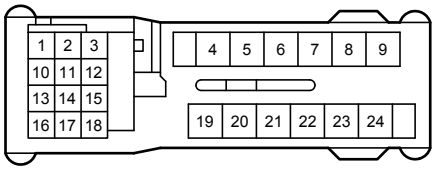

f 4
Gray



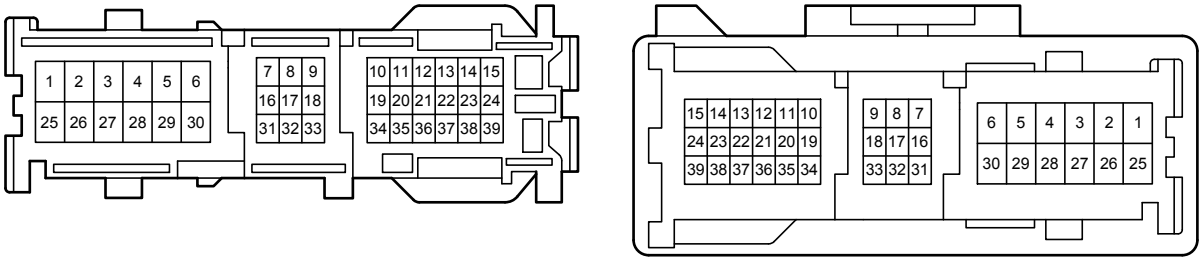

f 5
Gray



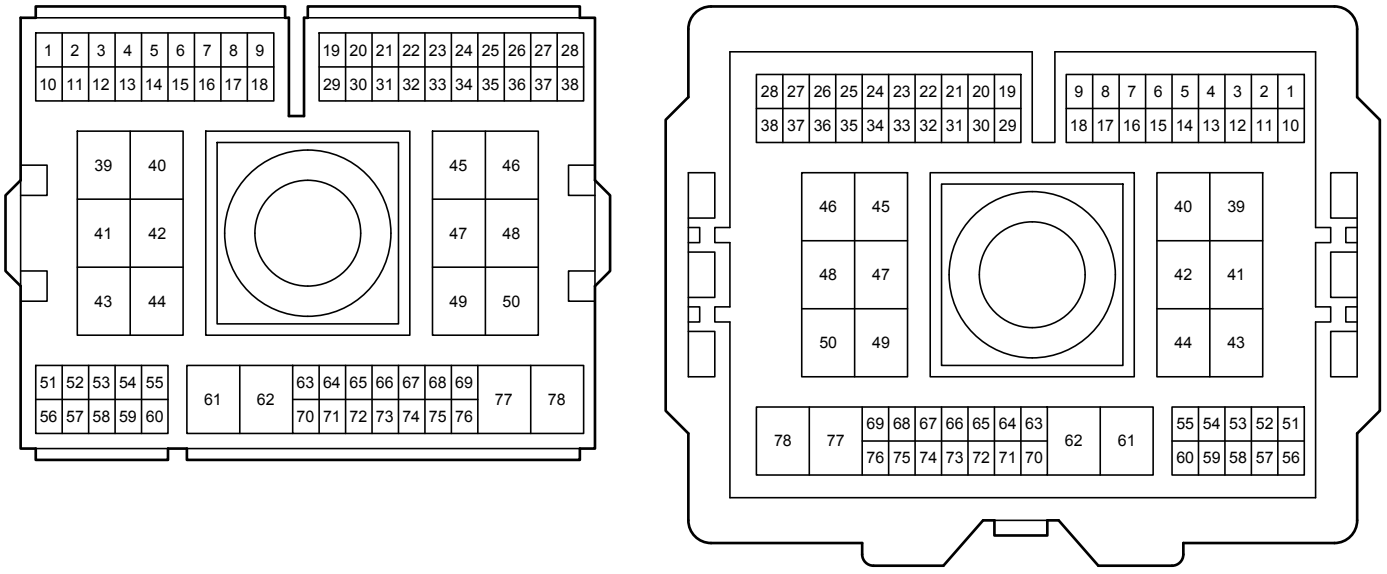

2B
White




CA3
White



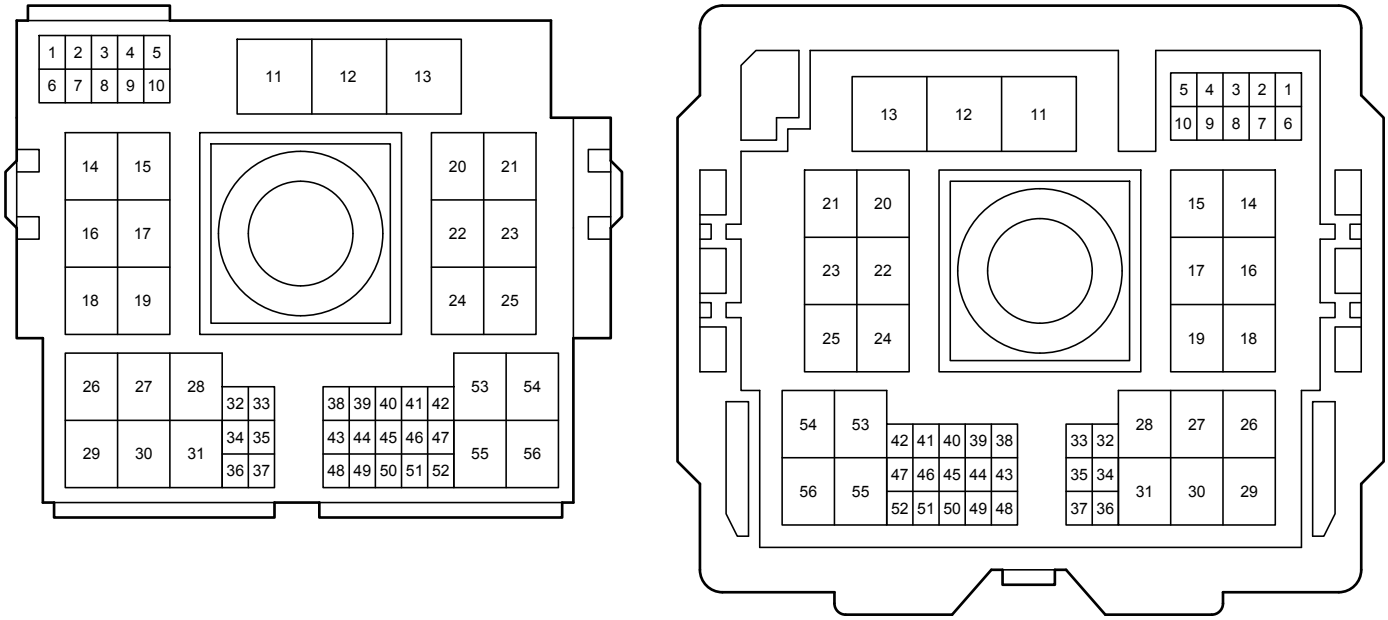

EA1
White



EK1

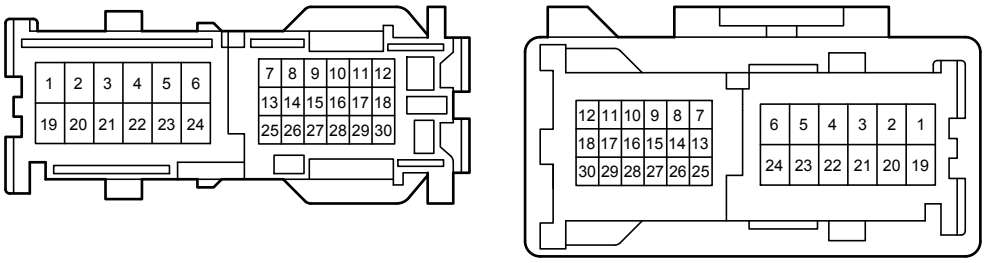
White

Blue



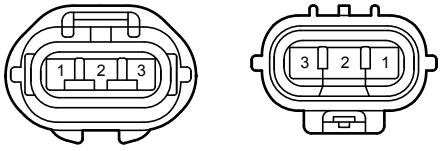

KL2

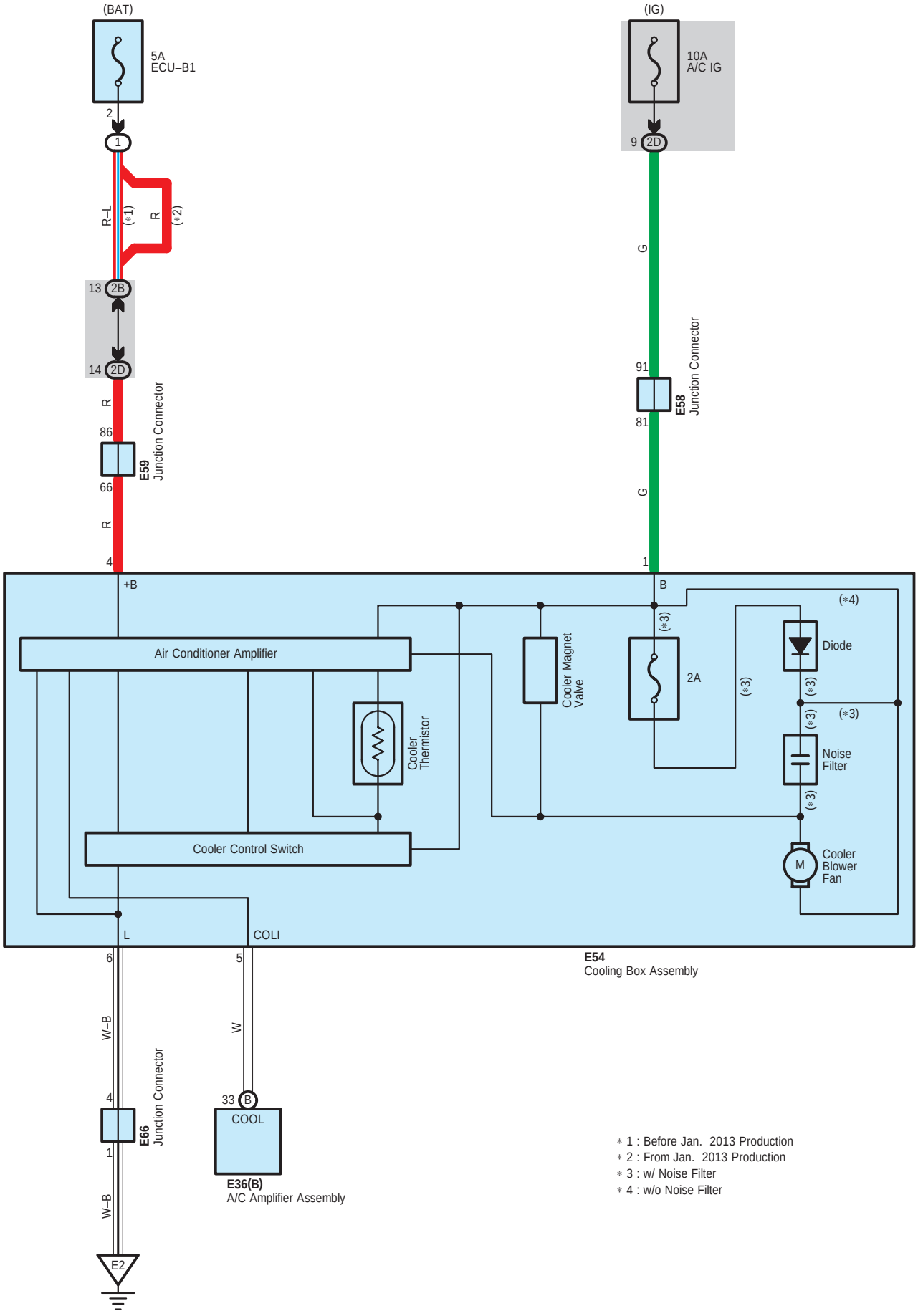
White



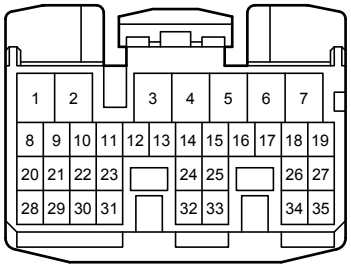

fL2

Black

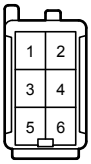



(BAT)
5A
ECU–B1
2
1
R–L
(*1)
R
(*2)
13 2B
14 2D
R
86
E59
Junction Connector
66
R
4
(IG)
10A
A/C IG
9 2D
G
91
E58
Junction Connector
81
G
1
+B
B
Air Conditioner Amplifier
Cooler Thermistor
Cooler Magnet Valve
(*3)
2A
(*4)
Diode
(*3)
(*3)
(*3)
Noise Filter
(*3)
Cooler Control Switch
M
Cooler Blower Fan
L
COLI
E54
Cooling Box Assembly
6
5
W–B
W
4
33 B
E66
Junction Connector
COOL
1
E36(B)
A/C Amplifier Assembly
W–B
E2
* 1 : Before Jan. 2013 Production
* 2 : From Jan. 2013 Production
* 3 : w/ Noise Filter
* 4 : w/o Noise Filter

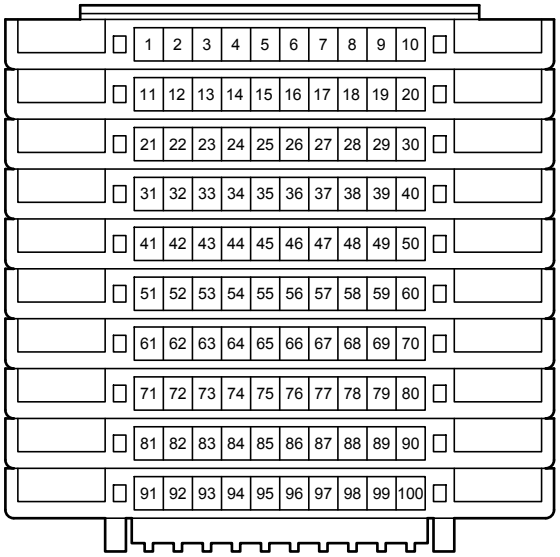
E 36
White



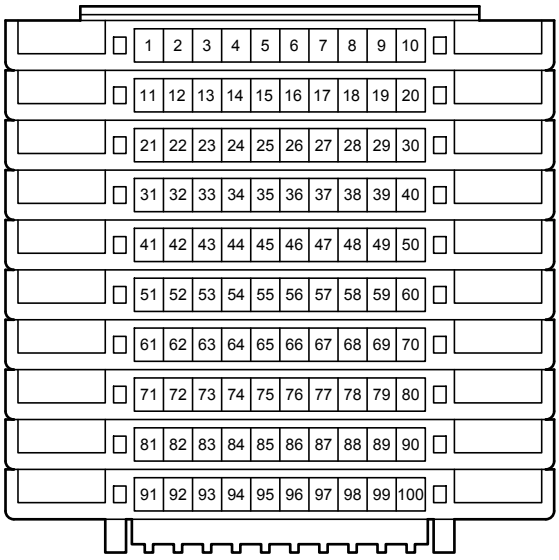

E 54
White



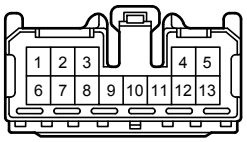

E 58
White



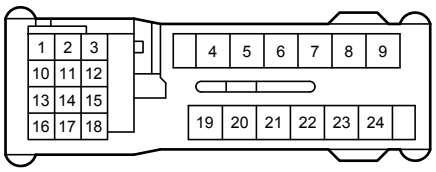

E 59
White



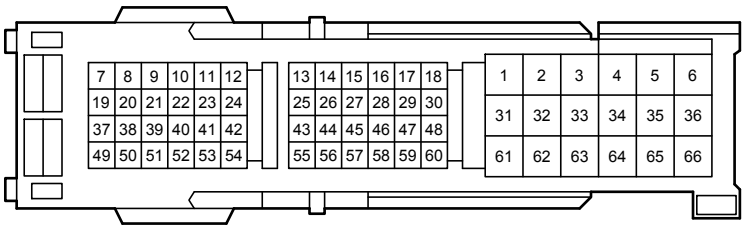

E 66
White

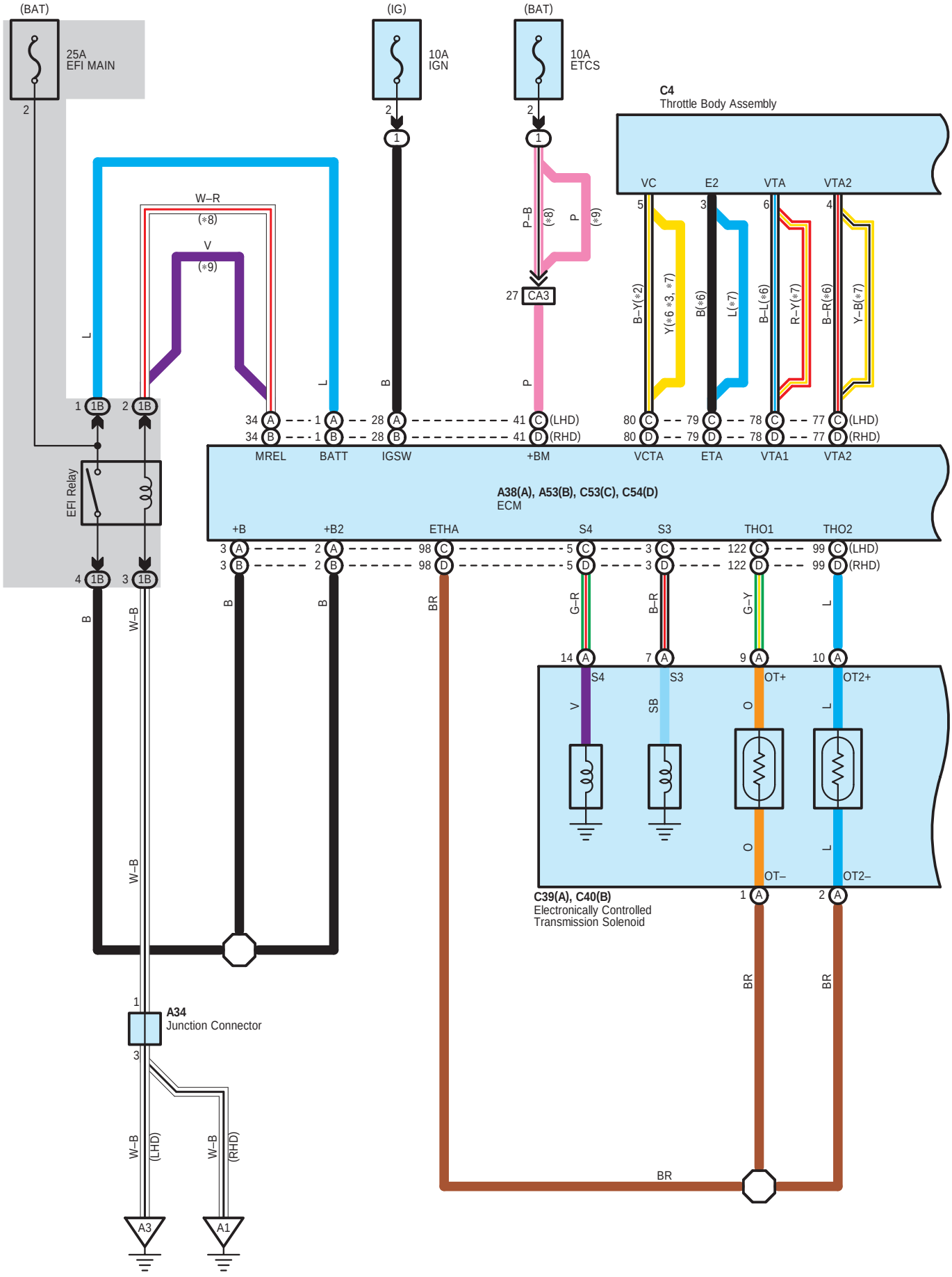


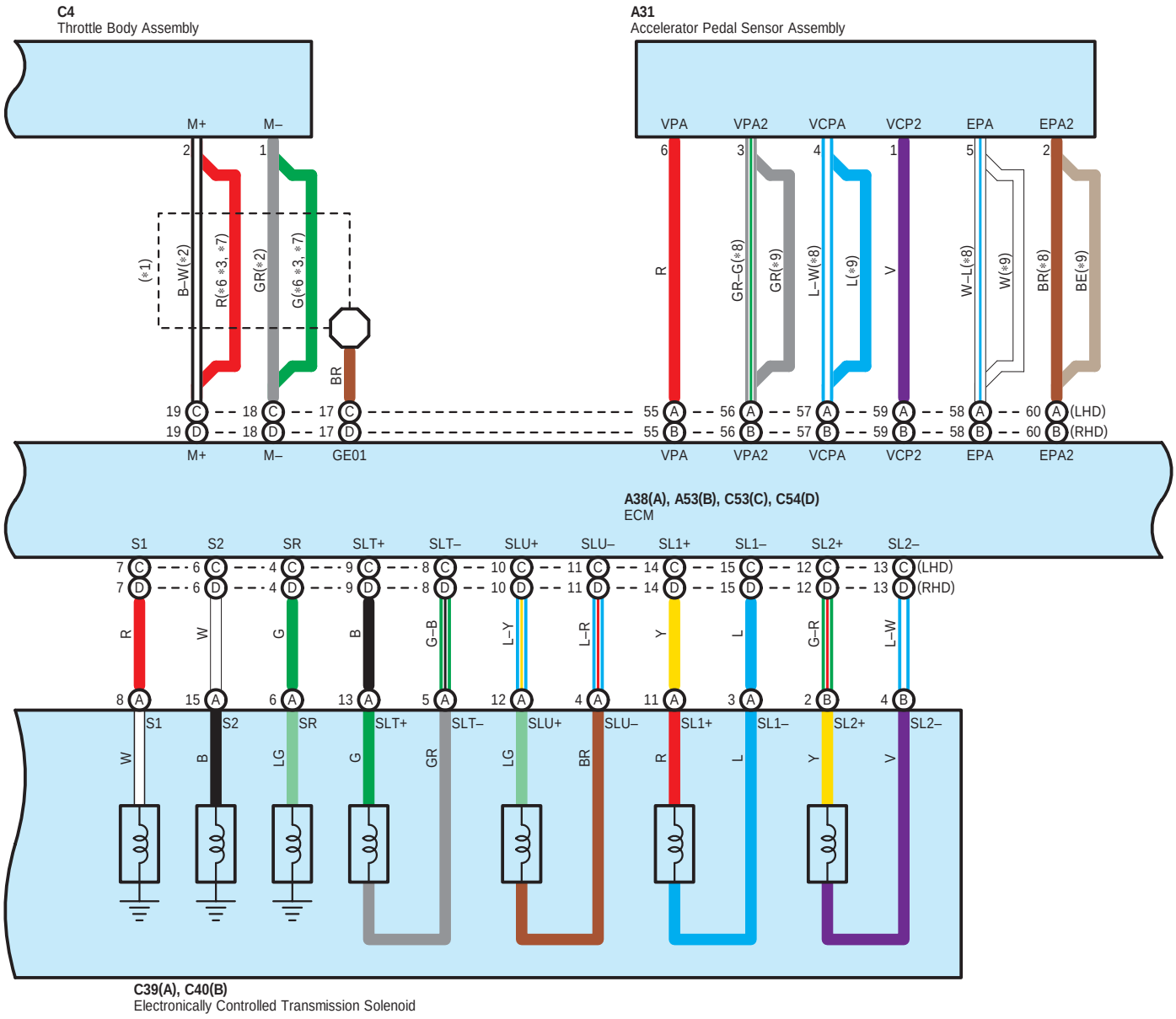

2B
White



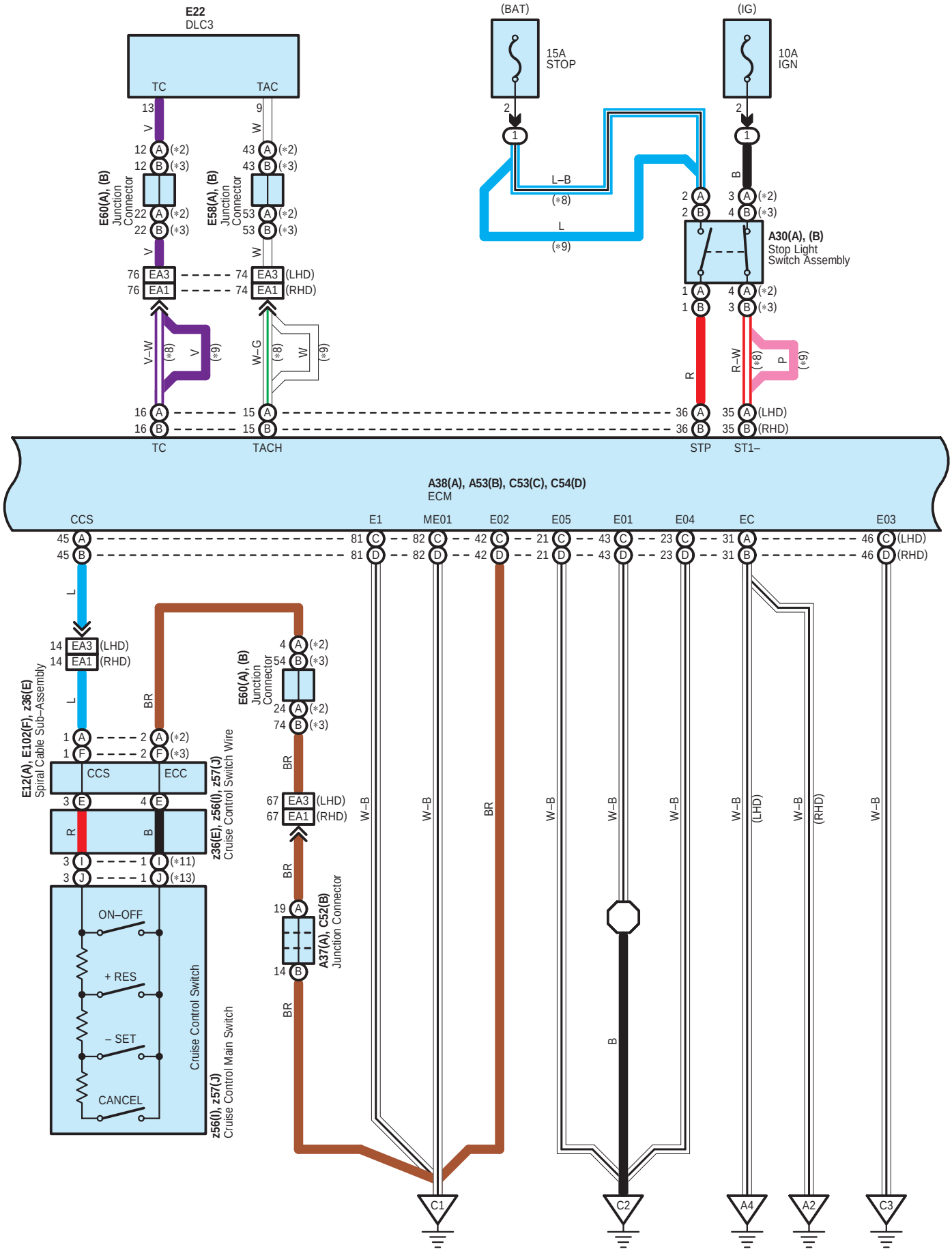

2D
White



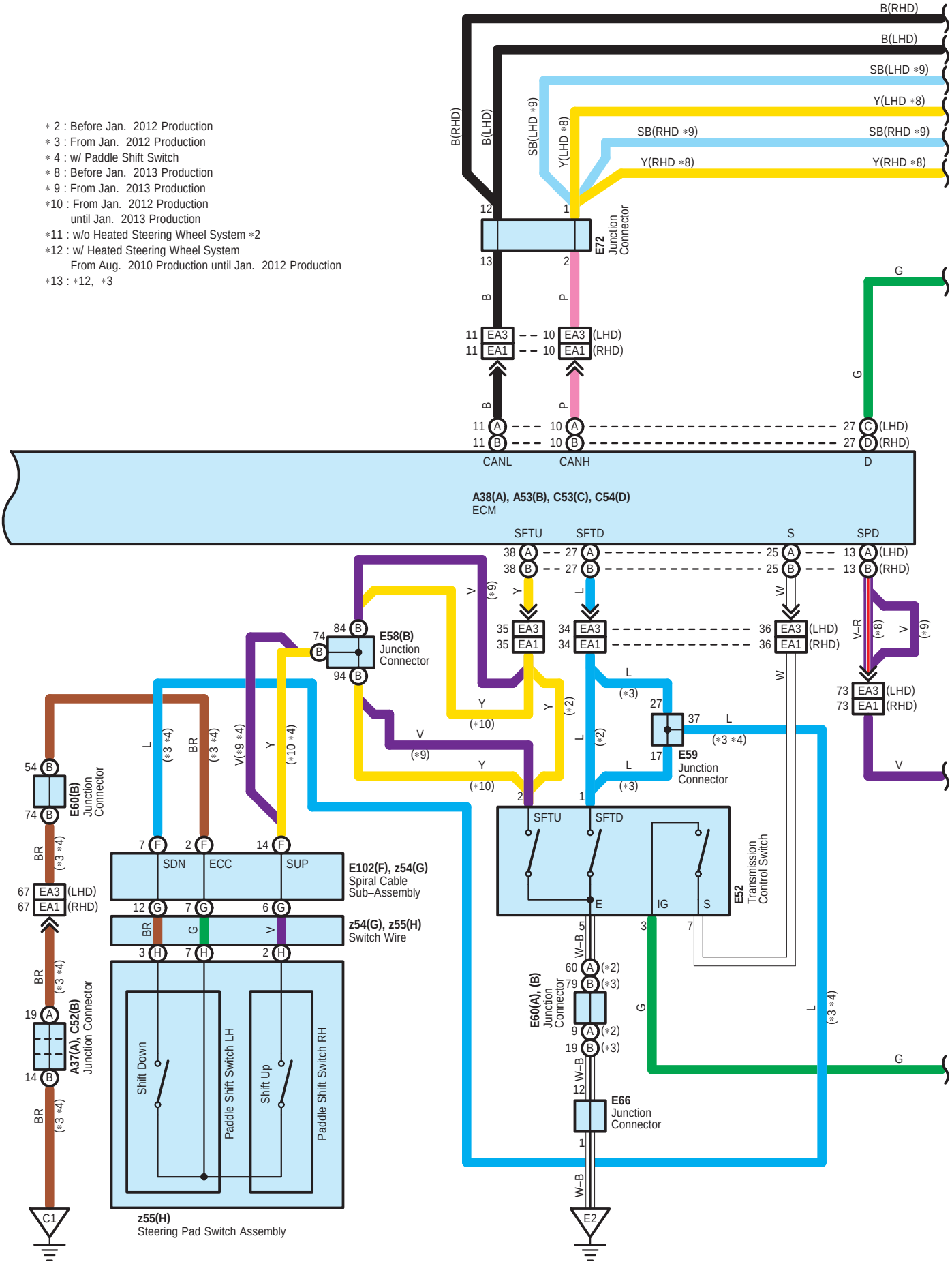

(BAT)
25A
EFI MAIN
(IG)
10A
IGN
(BAT)
10A
ETCS
C4
Throttle Body Assembly
VC
E2
VTA
VTA2
W–R
(*8)
V
(*9)
P–B
(*8)
P
(*9)
27 CA3
B–Y(*2)
Y(*6 *3, *7)
B(*6)
L(*7)
B–L(*6)
R–Y(*7)
B–R(*6)
Y–B(*7)
EFI Relay
MREL
BATT
IGSW
+BM
VCTA
ETA
VTA1
VTA2
(LHD)
(RHD)
A38(A), A53(B), C53(C), C54(D)
ECM
+B
+B2
ETHA
S4
S3
THO1
THO2
G–R
B–R
G–Y
L
S4
S3
OT+
OT2+
OT–
OT2–
C39(A), C40(B)
Electronically Controlled
Transmission Solenoid
A34
Junction Connector
W–B
(LHD)
W–B
(RHD)
A3
A1
BR

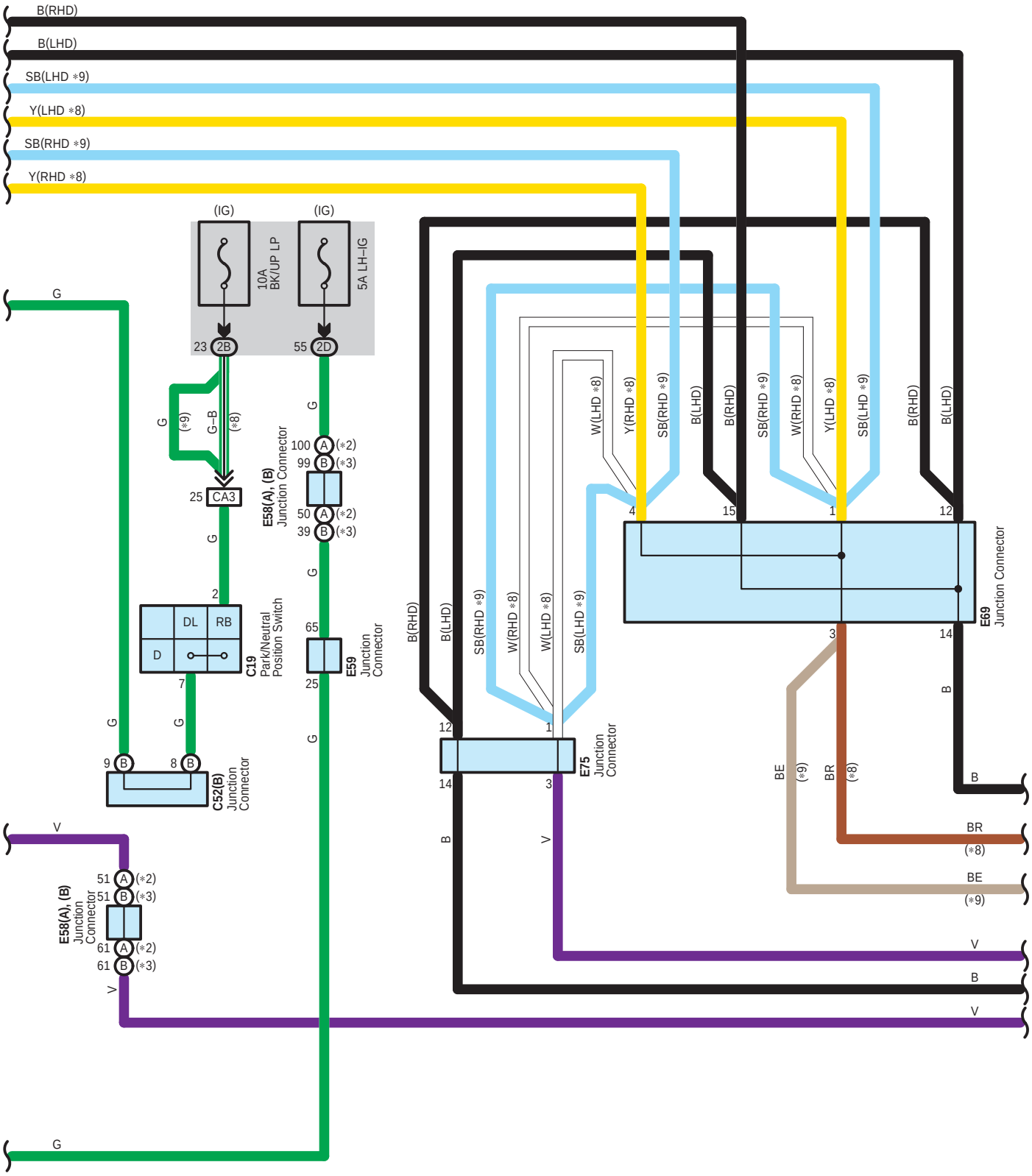


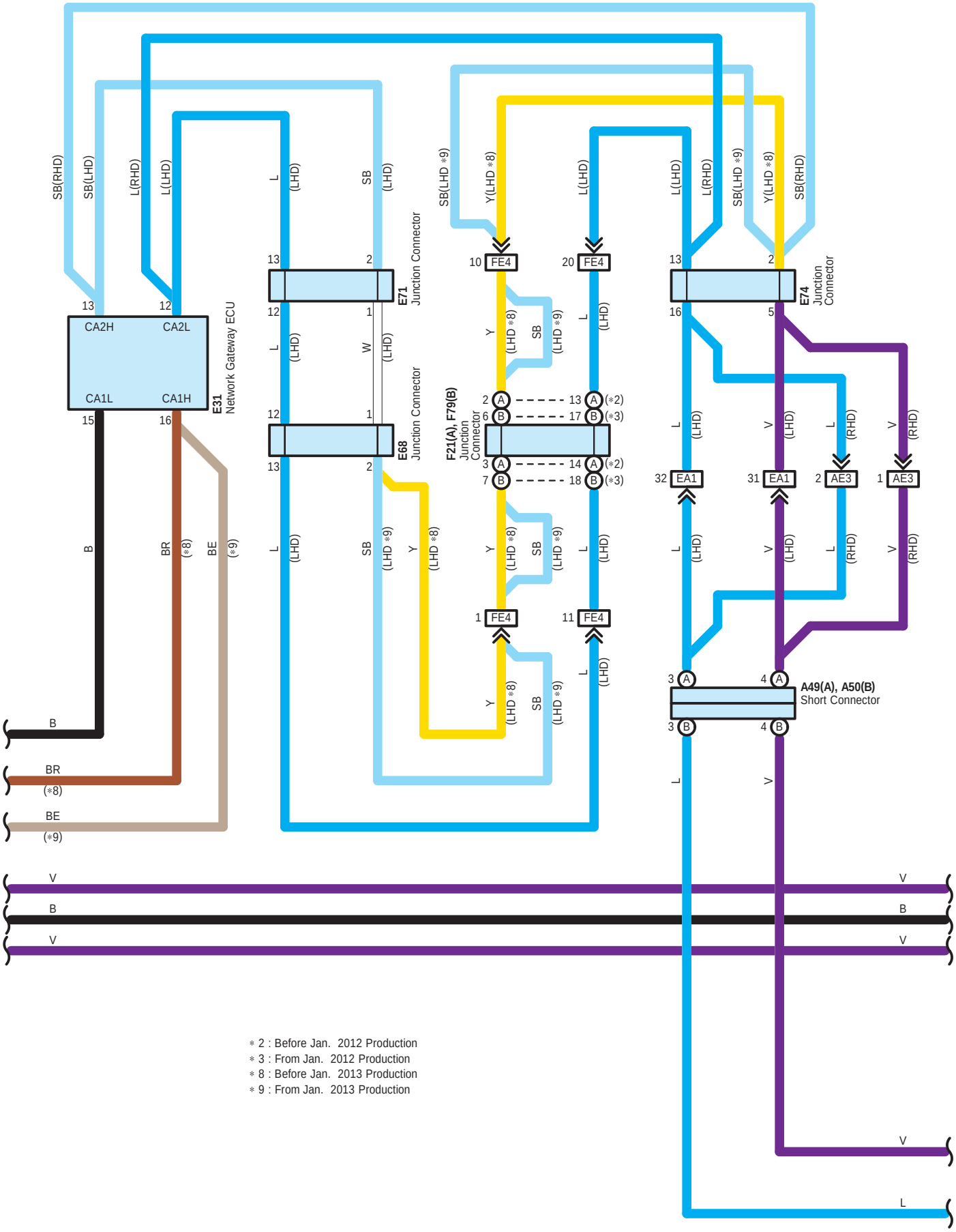

∗ 1 : Shielded
∗ 2 : Before Jan. 2012 Production
∗ 3 : From Jan. 2012 Production
∗ 6 : 3UR–FE
∗ 7 : 1UR–FE
∗ 8 : Before Jan. 2013 Production
∗ 9 : From Jan. 2013 Production


E22
DLC3
TC
TAC
(BAT)
15A
STOP
(IG)
10A
IGN
L–B
(*8)
L
(*9)
A30(A), (B)
Stop Light
Switch Assembly
E60(A), (B)
Junction
Connector
E58(A), (B)
Junction
Connector
(LHD)
(RHD)
V–W
W–G
R–W
R
B
P
W
V
TC
TACH
STP
ST1–
A38(A), A53(B), C53(C), C54(D)
ECM
CCS
E1
ME01
E02
E05
E01
E04
EC
E03
E12(A), E102(F), z36(E)
Spiral Cable Sub–Assembly
z36(E), z56(I), z57(J)
Cruise Control Switch Wire
z56(I), z57(J)
Cruise Control Main Switch
Cruise Control Switch
ON–OFF
+ RES
– SET
CANCEL
A37(A), C52(B)
Junction Connector
W–B
BR
L
C1
C2
A4
A2
C3

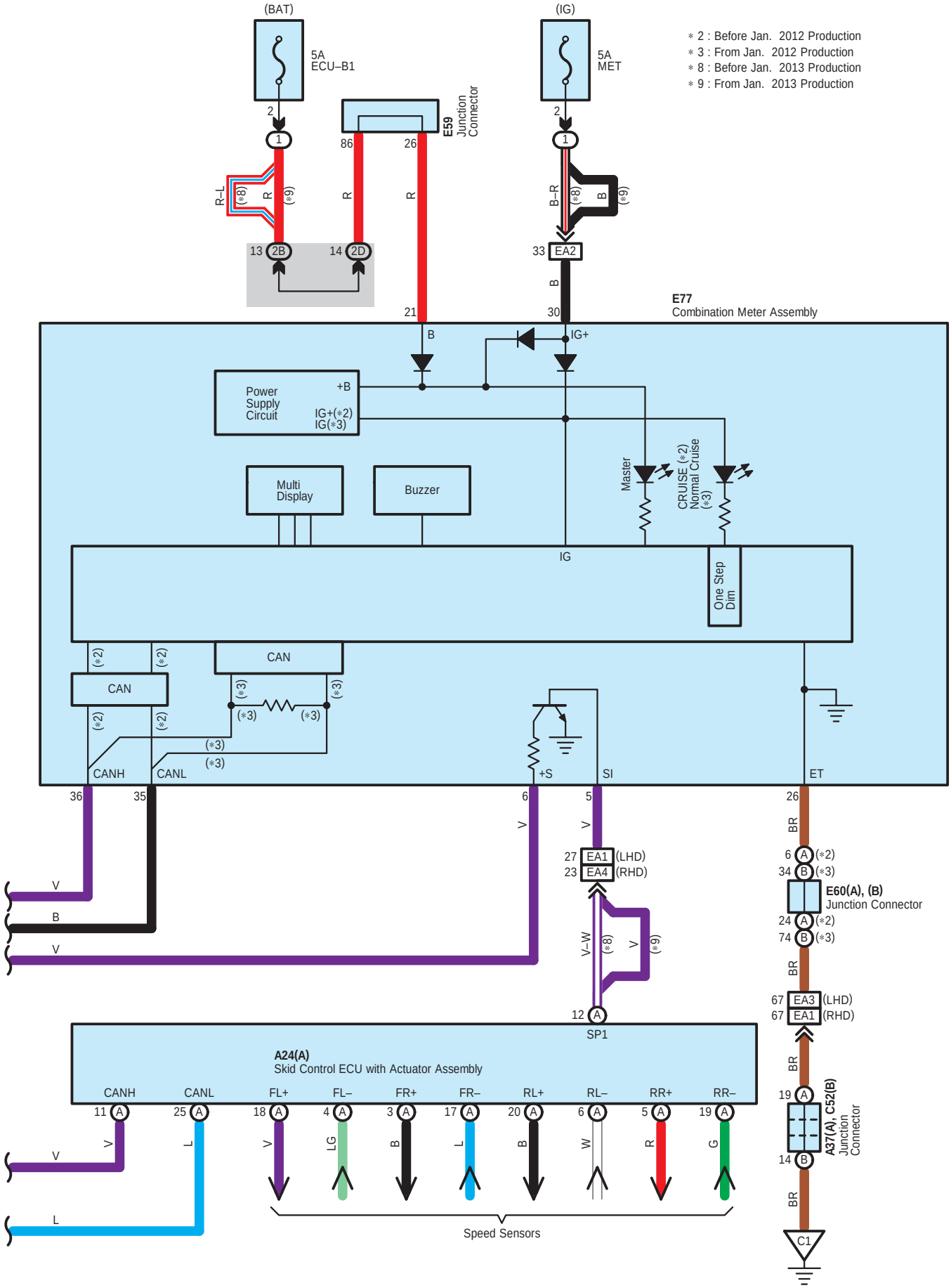
∗ 2 : Before Jan. 2012 Production
∗ 3 : From Jan. 2012 Production
∗ 4 : w/ Paddle Shift Switch
∗ 8 : Before Jan. 2013 Production
∗ 9 : From Jan. 2013 Production
∗10 : From Jan. 2012 Production until Jan. 2013 Production
∗11 : w/o Heated Steering Wheel System ∗2
∗12 : w/ Heated Steering Wheel System From Aug. 2010 Production until Jan. 2012 Production
∗13 : ∗12, ∗3



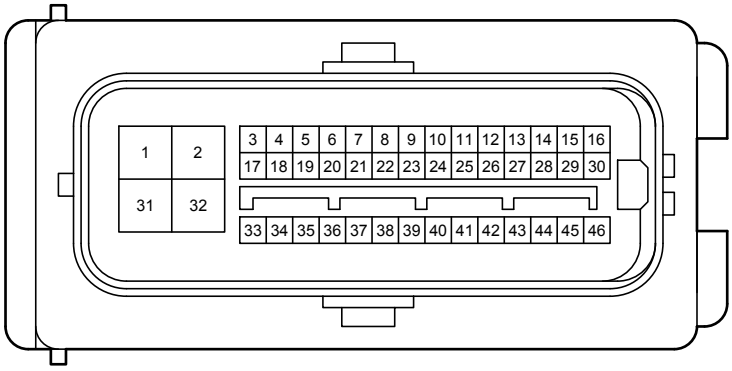

B(RHD)
B(LHD)
SB(LHD *9)
Y(LHD *8)
SB(RHD *9)
Y(RHD *8)
(IG)
(IG)
10A BK/UP LP
5A LH–IG
G
23 2B
55 2D
G
(*9)
G–B
(*8)
25 CA3
G
2
DL
RB
D
C19 Park/Neutral Position Switch
7
G
G
9 B
8 B
C52(B) Junction Connector
G
E58(A), (B) Junction Connector
100 A (*2)
99 B (*3)
50 A (*2)
39 B (*3)
G
65
25
E59 Junction Connector
G
V
51 A (*2)
51 B (*3)
61 A (*2)
61 B (*3)
E58(A), (B) Junction Connector
V
G
B(RHD)
B(LHD)
SB(RHD *9)
W(RHD *8)
W(LHD *8)
SB(LHD *9)
12
1
14
3
E75 Junction Connector
B
V
W(LHD *8)
Y(RHD *8)
SB(RHD *9)
B(LHD)
B(RHD)
SB(RHD *9)
W(RHD *8)
Y(LHD *8)
SB(LHD *9)
B(RHD)
B(LHD)
4
15
1
12
3
14
E69 Junction Connector
B
BE
(*9)
BR
(*8)
B
BR
(*8)
BE
(*9)
V
B
V



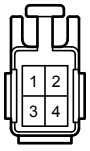

* 2 : Before Jan. 2012 Production
* 3 : From Jan. 2012 Production
* 8 : Before Jan. 2013 Production
* 9 : From Jan. 2013 Production


(BAT)
5A
ECU–B1
(IG)
5A
MET
∗ 2 : Before Jan. 2012 Production
∗ 3 : From Jan. 2012 Production
∗ 8 : Before Jan. 2013 Production
∗ 9 : From Jan. 2013 Production
E59
Junction
Connector
R–L
B–R
13 2B
14 2D
33 EA2
21
30
E77
Combination Meter Assembly
IG+
Power
Supply
Circuit
+B
IG+(∗2)
IG(∗3)
Multi
Display
Buzzer
Master
CRUISE (∗2)
Normal Cruise
(∗3)
IG
One Step
Dim
CAN
CANH
CANL
+S
SI
ET
36
35
6
5
26
V
B
BR
27 EA1 (LHD)
23 EA4 (RHD)
V–W
12 A
SP1
6 A (∗2)
34 B (∗3)
E60(A), (B)
Junction Connector
24 A (∗2)
74 B (∗3)
67 EA3 (LHD)
67 EA1 (RHD)
A24(A)
Skid Control ECU with Actuator Assembly
CANH
CANL
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
11 A
25 A
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
LG
W
R
G
L
19 A
14 B
A37(A), C52(B)
Junction
Connector
C1
Speed Sensors

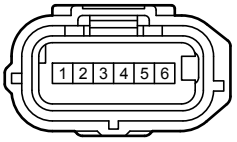
A 24
Black



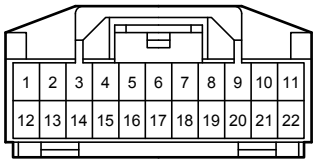

A 30
Gray



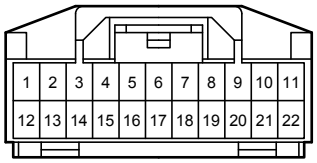

A 31
Black



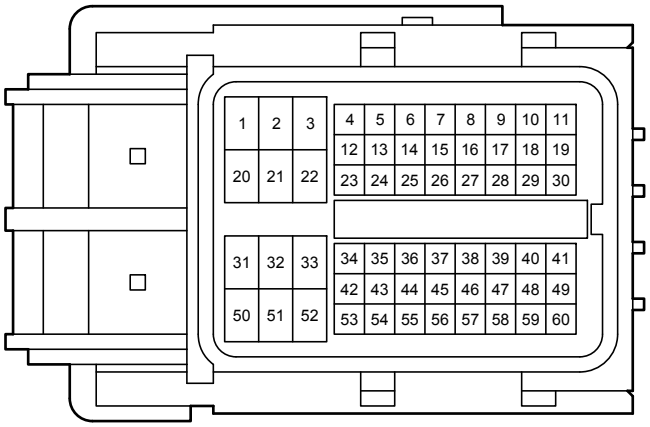

A 34
White




A 37
Blue




A 38
Black



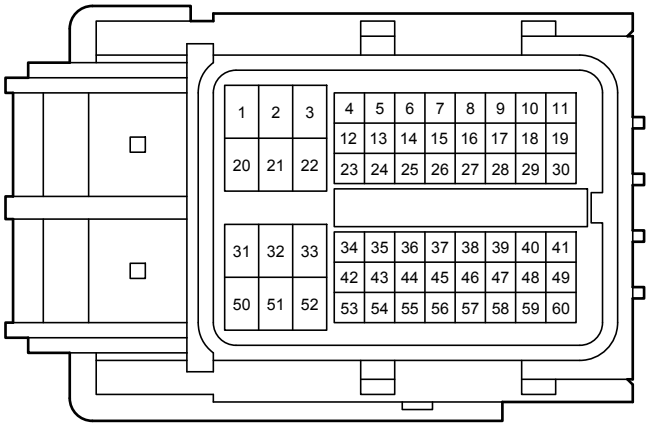

A 49
Gray



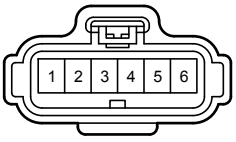

A 50
Gray



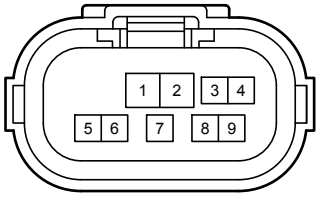

A 53
Black



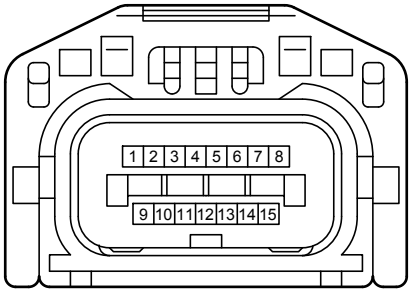

C 4
Black



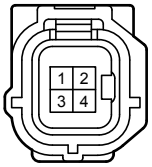
C 19
Gray



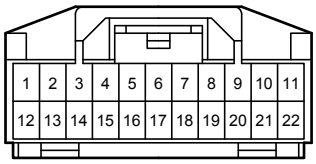

C 39
Gray



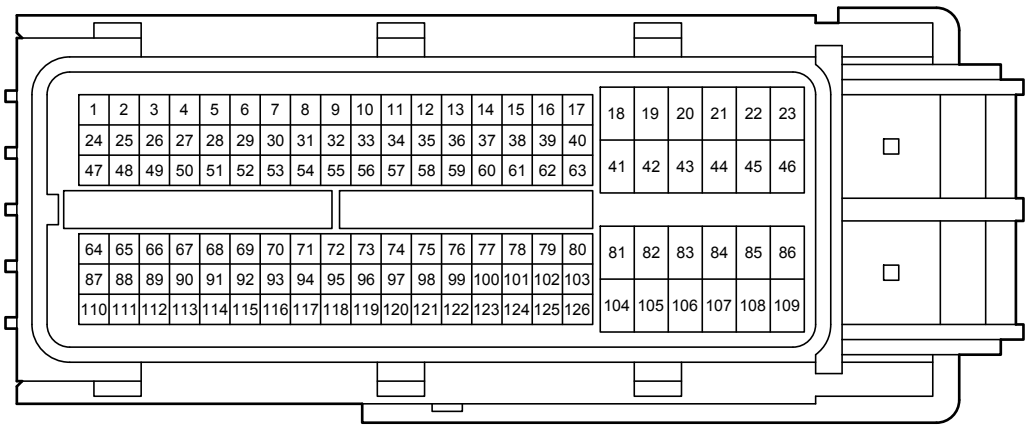

C 40
Gray



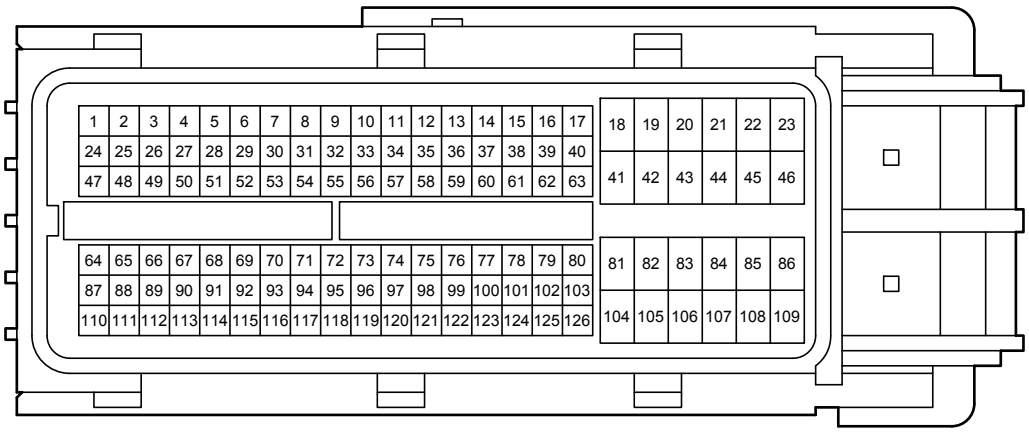

C 52
Blue



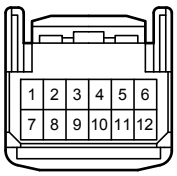

C 53
Black



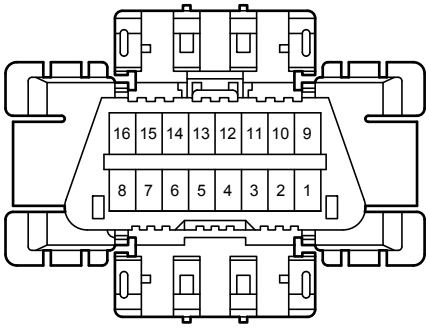

C 54
Black



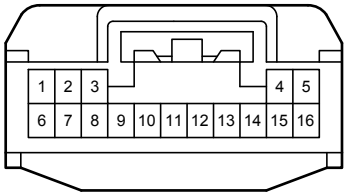

E 12
Black



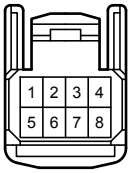
E 22
White



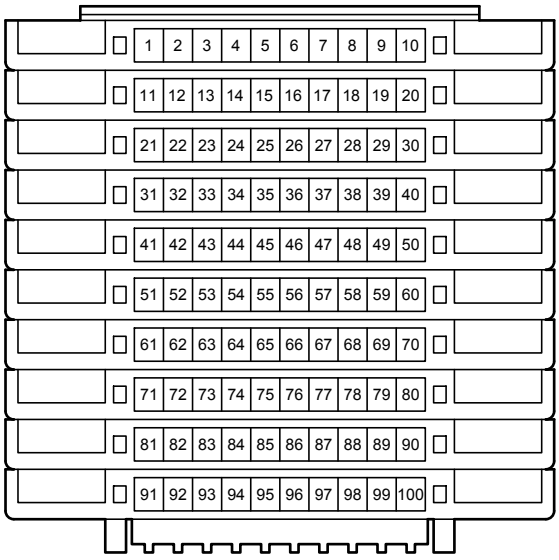

E 31
White



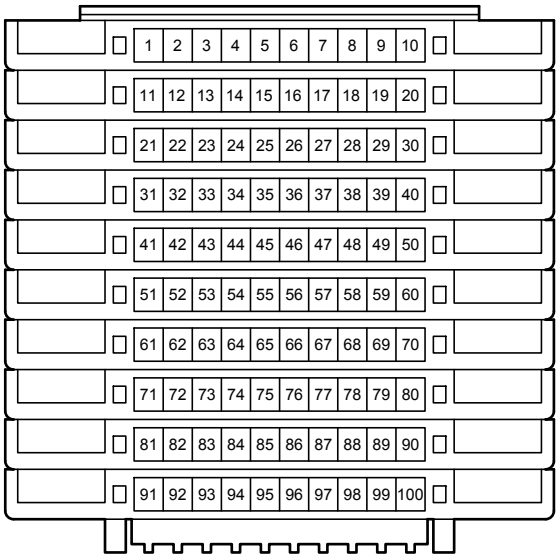

E 52
White



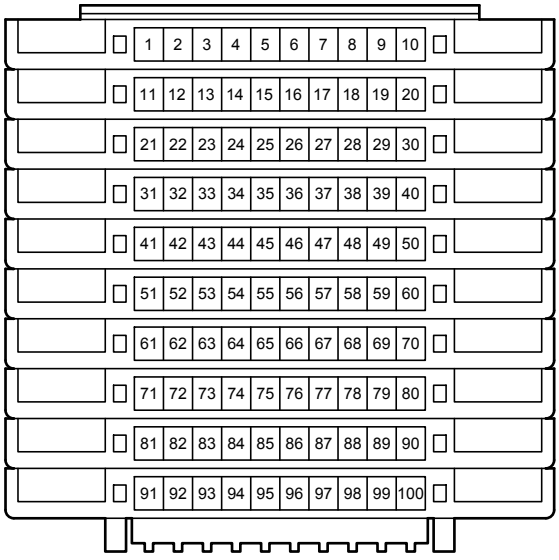

E 58
White



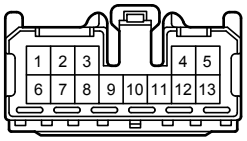

E 59
White



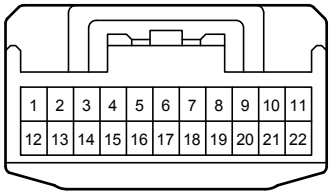

E 60
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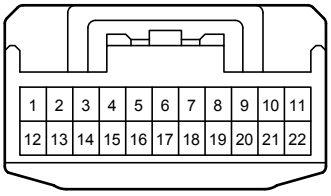

E 66
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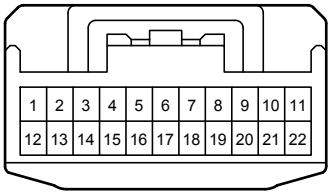
E 68
Gray



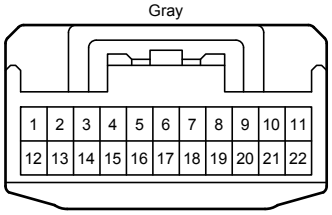

E 69
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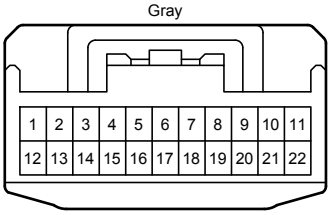

E 71
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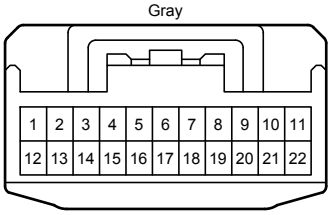

E 72
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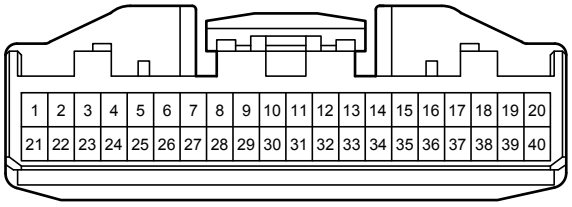

E 74
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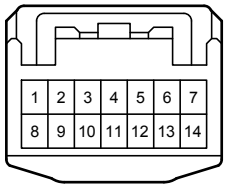

E 75
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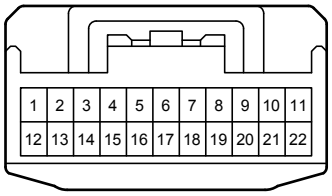

E 77
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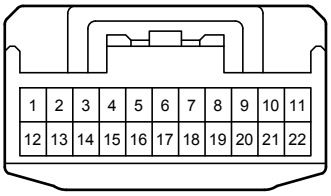

E102
Black



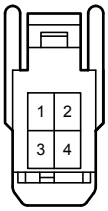

F 21
Black



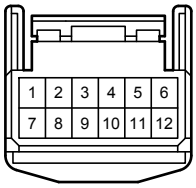

F 79
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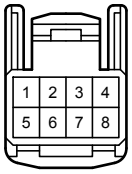

z 36
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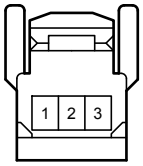

z 54
Black



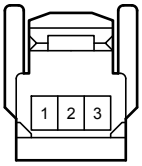

z 55
White



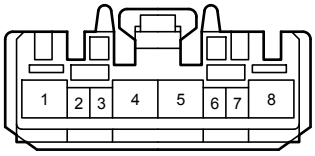

z 56
White



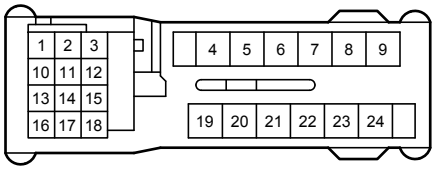

z 57
White



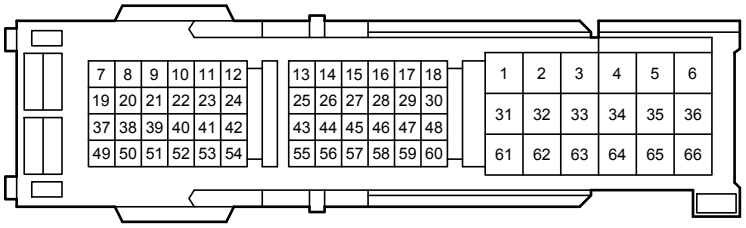

1B
White



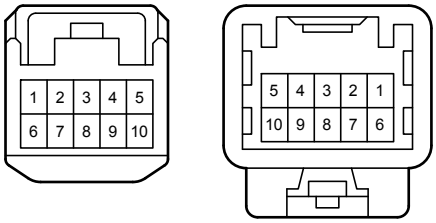

2B
White



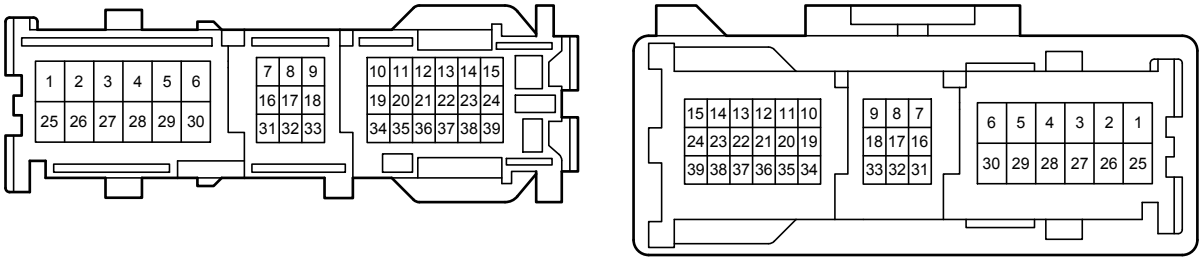

2D
White



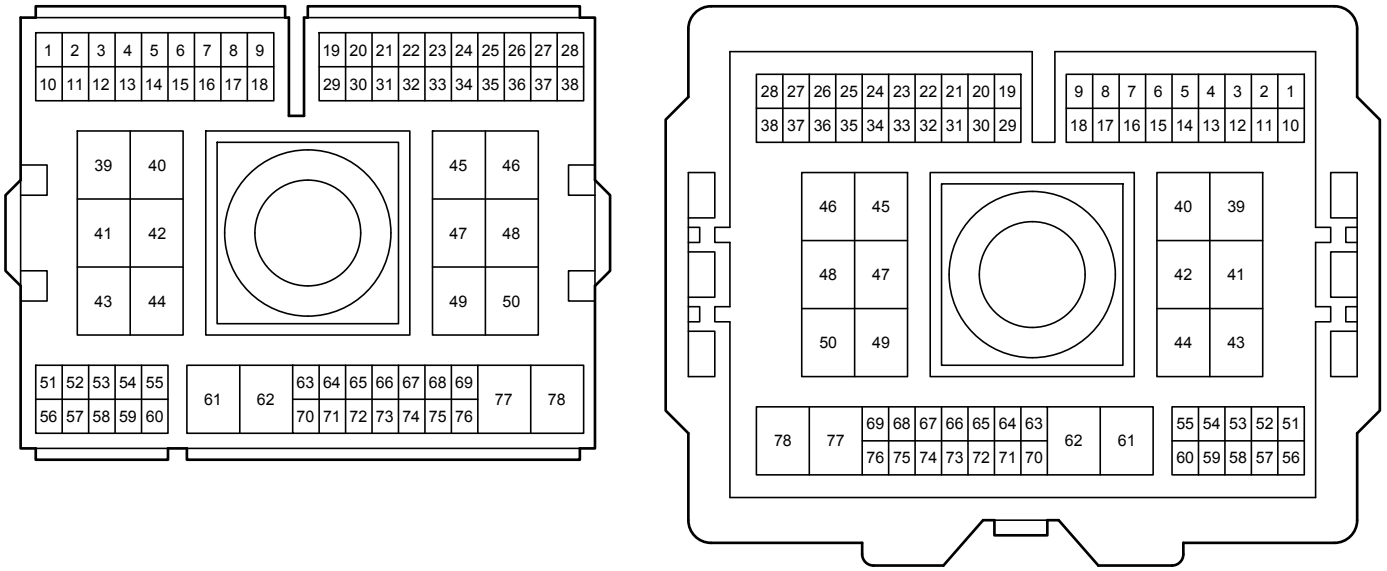
AE3
Gray




CA3
White

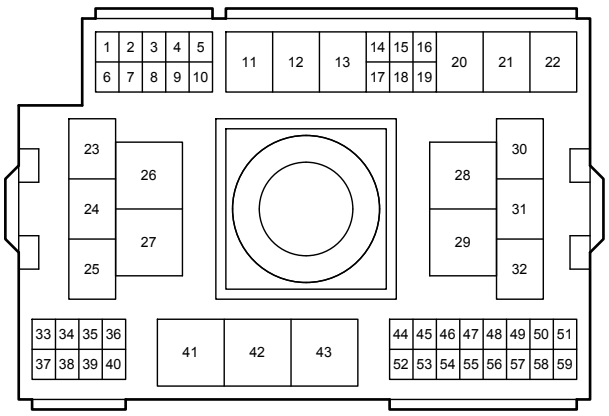



EA1
White

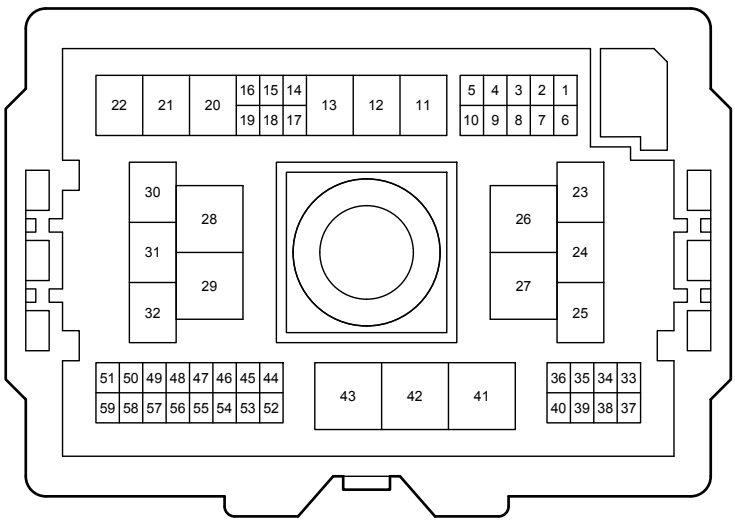


EA2

White

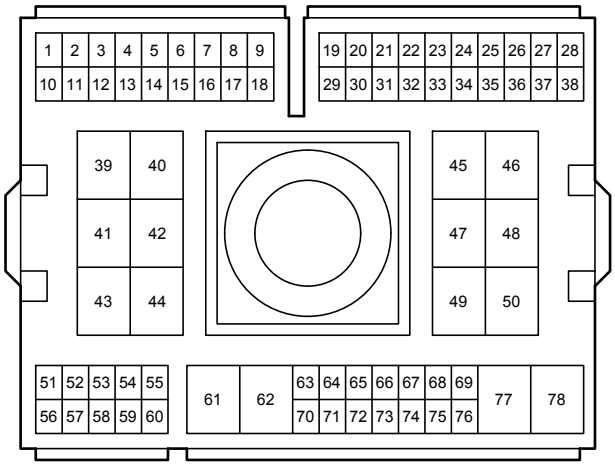


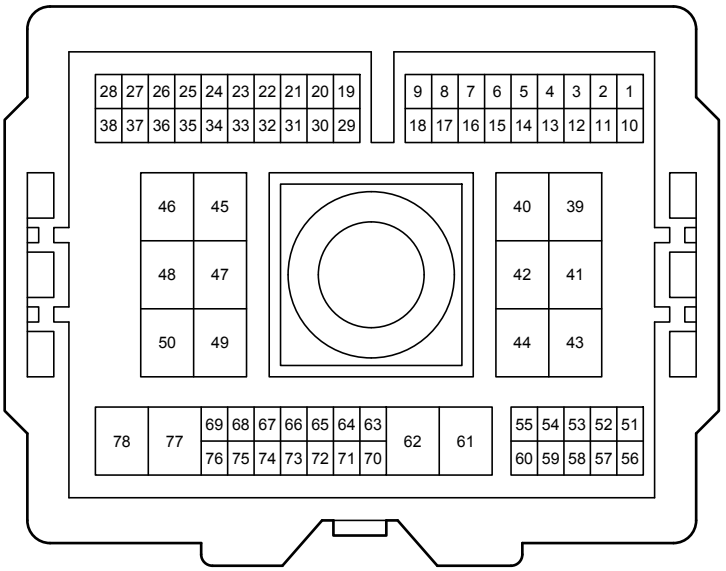

Gray




EA3

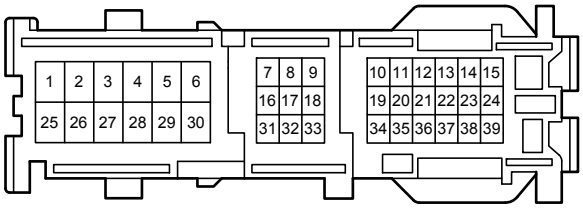
White

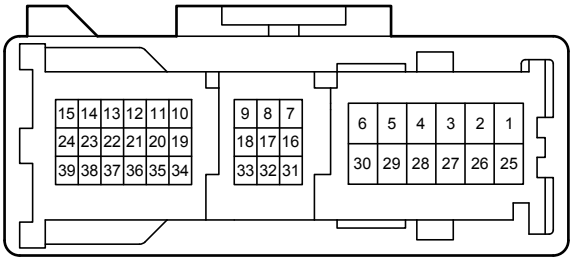


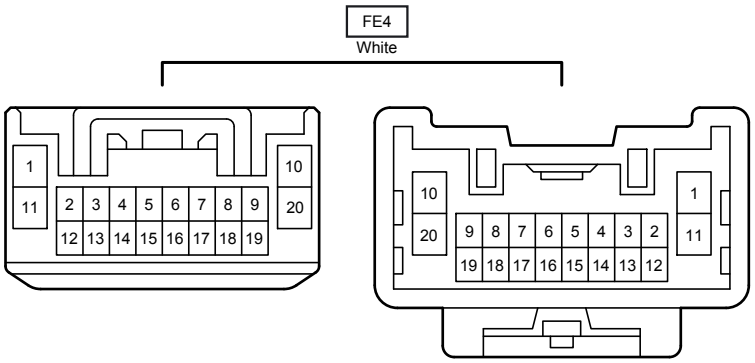



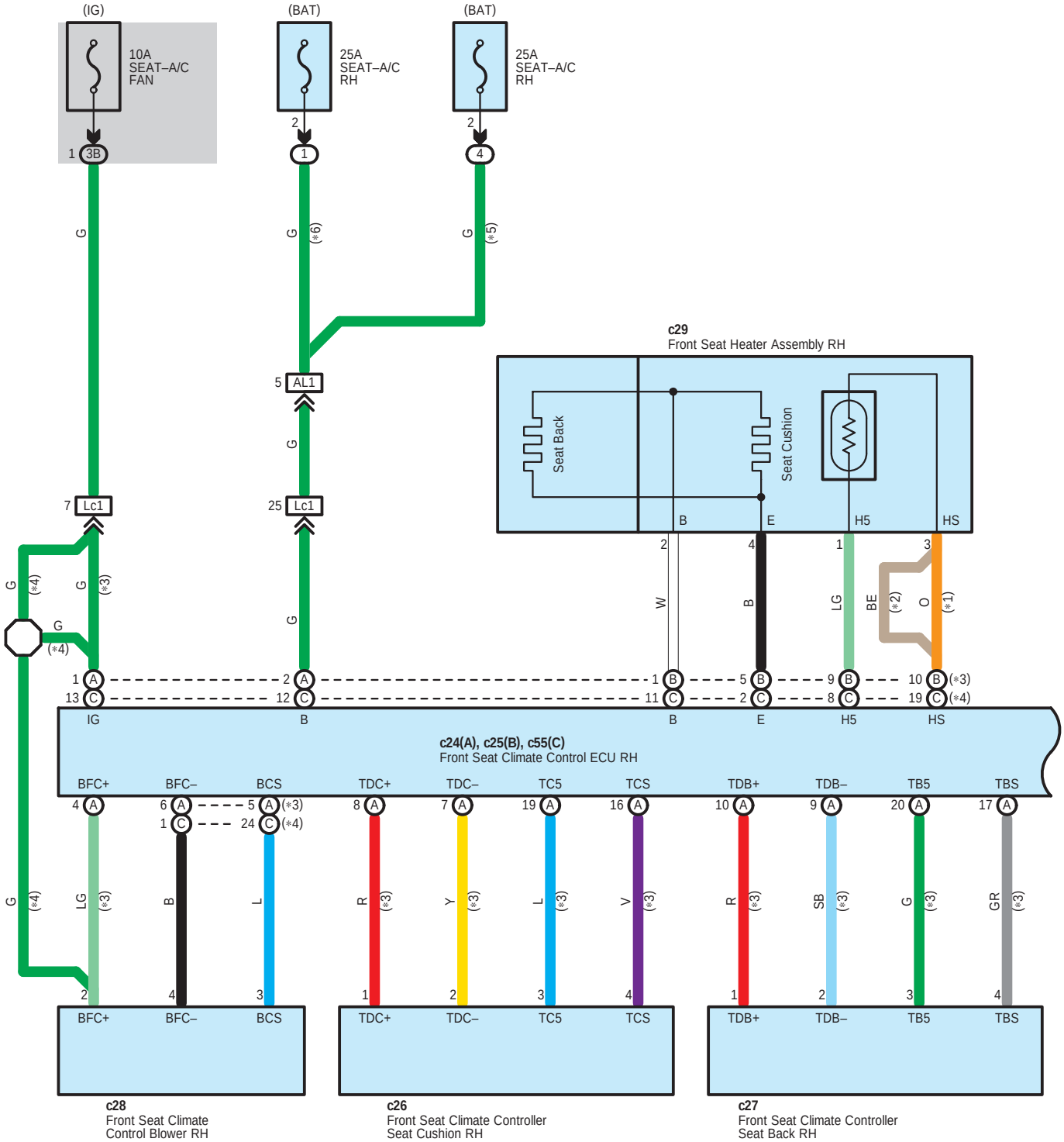

EA4

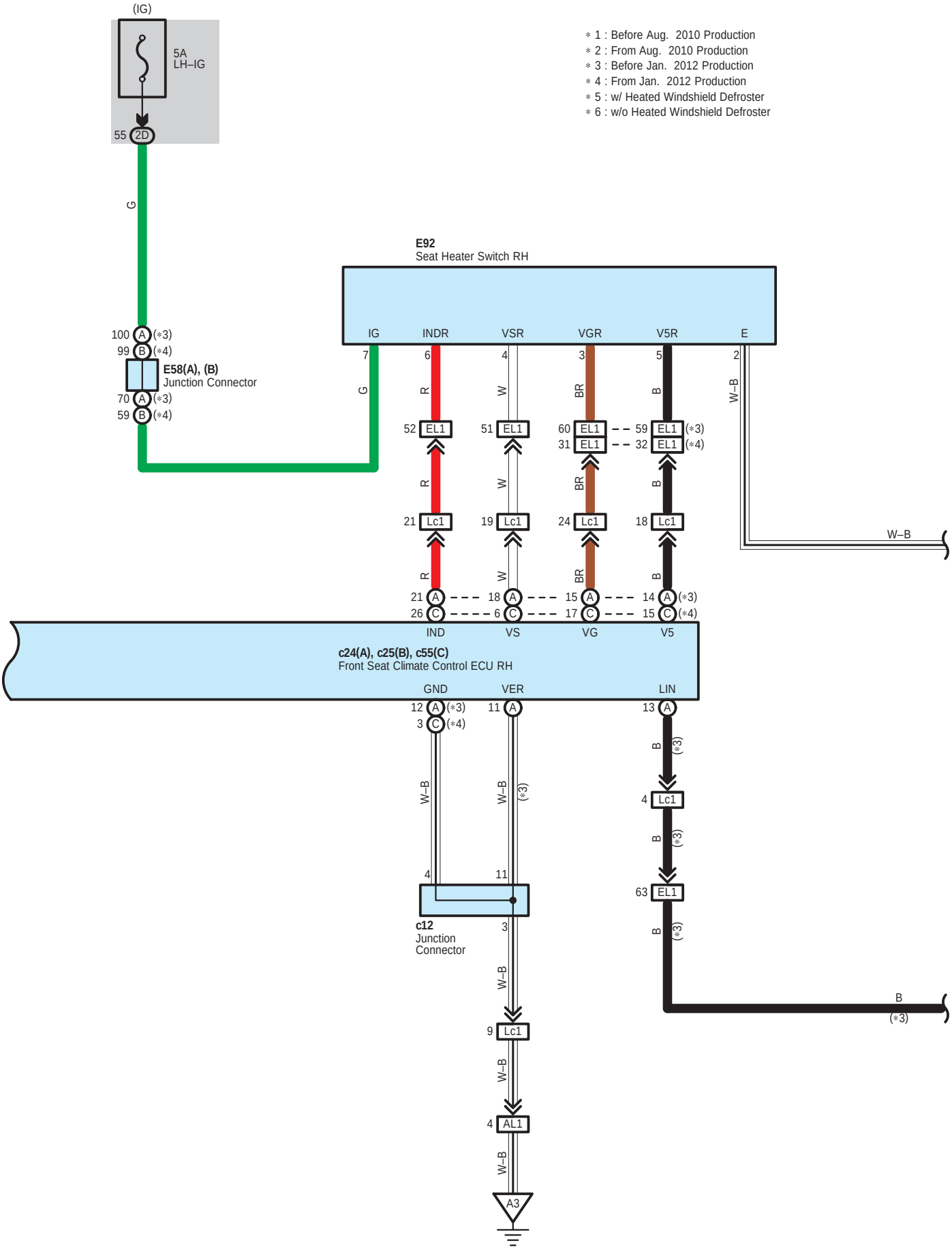
White



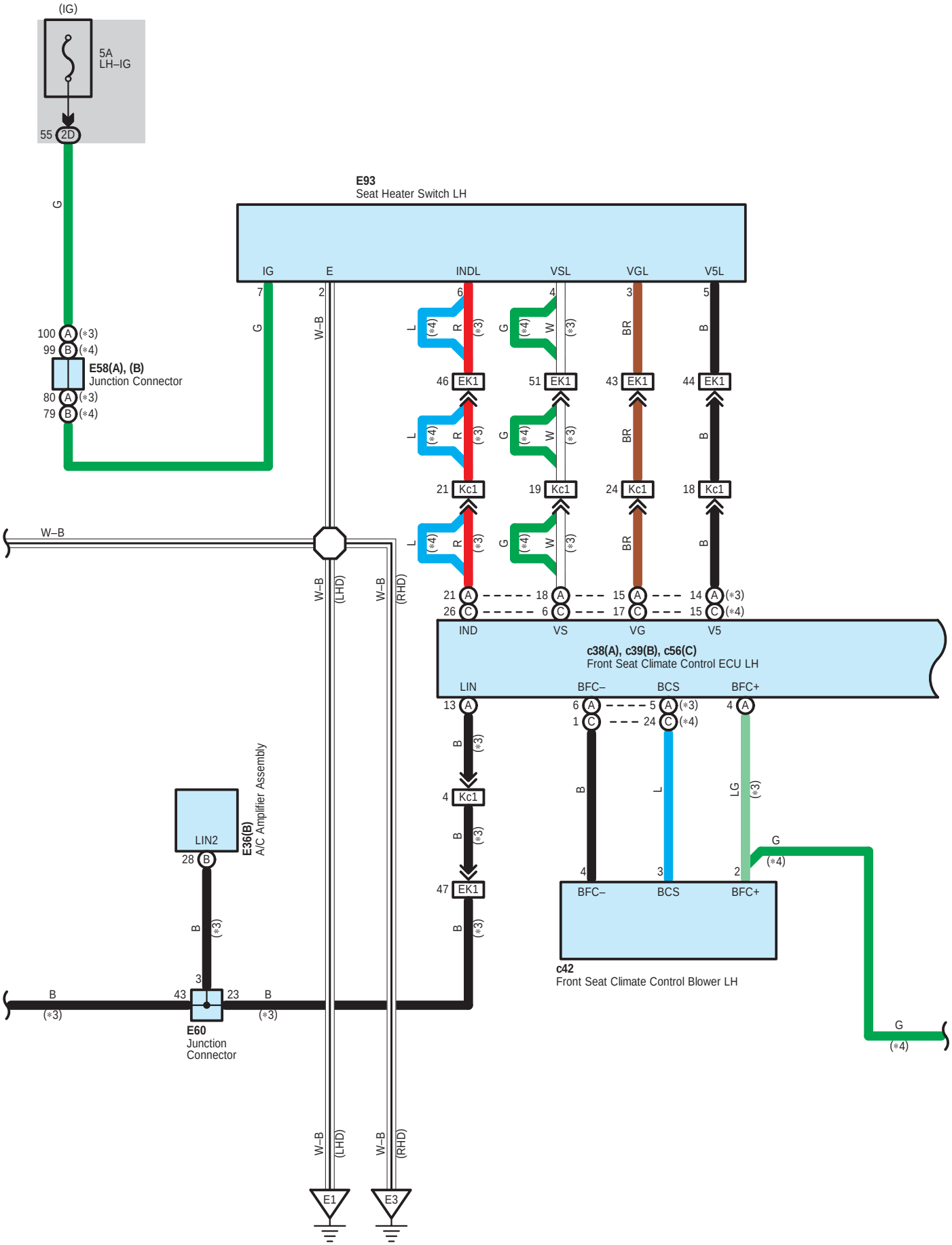



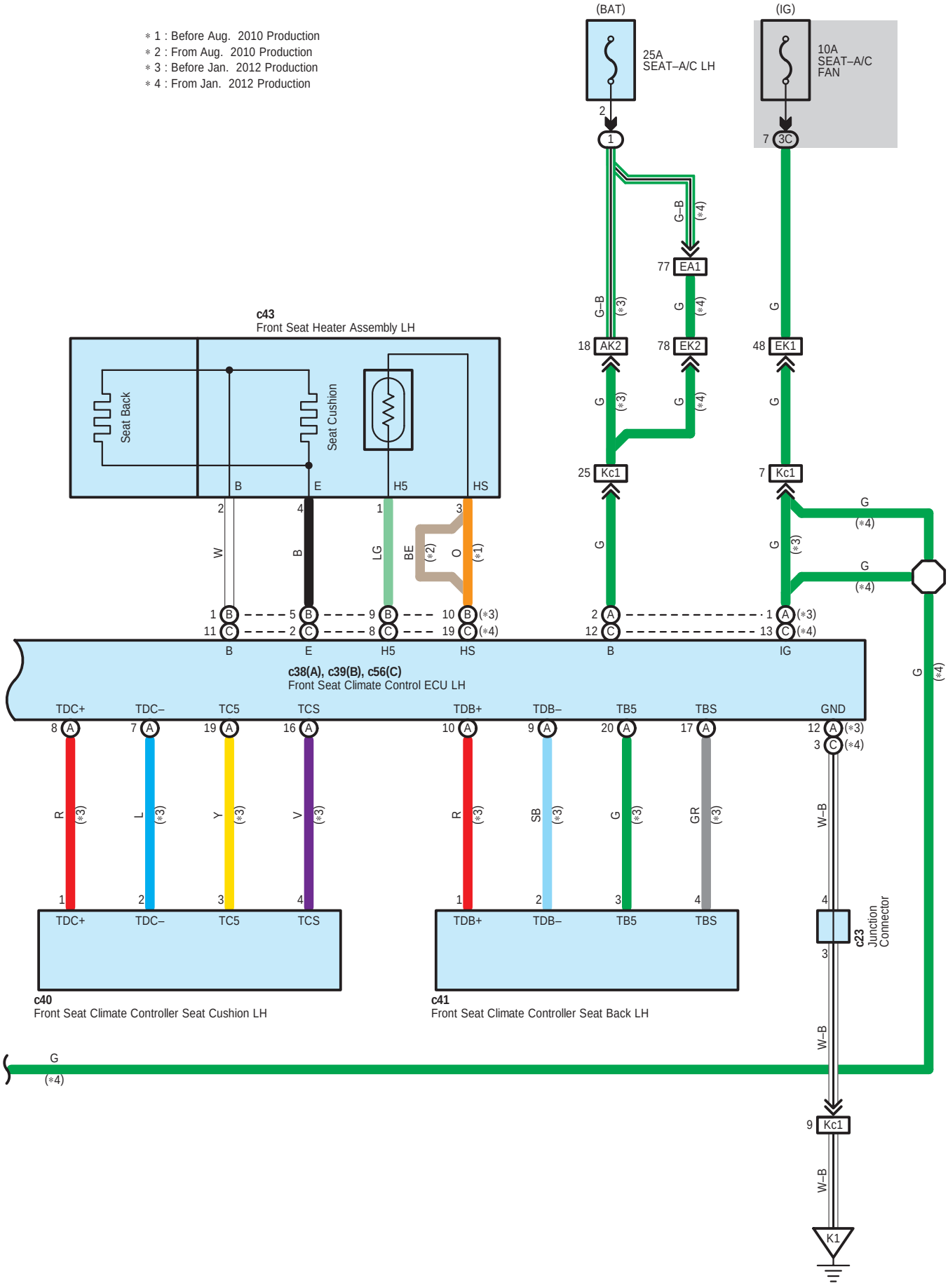

FE4
White
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11


(IG)
10A
SEAT–A/C
FAN
(BAT)
25A
SEAT–A/C
RH
(BAT)
25A
SEAT–A/C
RH
3B
AL1
Lc1
Lc1
c29
Front Seat Heater Assembly RH
Seat Back
Seat Cushion
B
E
H5
HS
IG
B
B
E
H5
HS
c24(A), c25(B), c55(C)
Front Seat Climate Control ECU RH
BFC+
BFC–
BCS
TDC+
TDC–
TC5
TCS
TDB+
TDB–
TB5
TBS
c28
Front Seat Climate
Control Blower RH
c26
Front Seat Climate Controller
Seat Cushion RH
c27
Front Seat Climate Controller
Seat Back RH

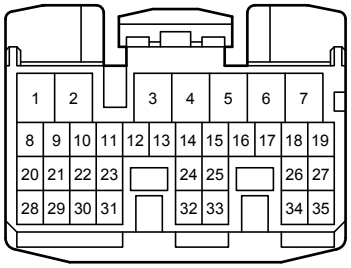



* 1 : Before Aug. 2010 Production
* 2 : From Aug. 2010 Production
* 3 : Before Jan. 2012 Production
* 4 : From Jan. 2012 Production
* 5 : w/ Heated Windshield Defroster
* 6 : w/o Heated Windshield Defroster

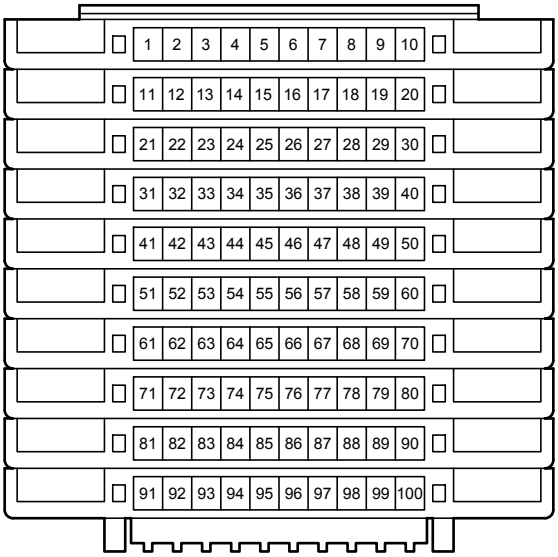

(IG)
5A
LH–IG
55 2D
G
E93
Seat Heater Switch LH
IG
E
INDL
VSL
VGL
V5L
7
2
6
4
3
5
100 A (*3)
99 B (*4)
E58(A), (B)
Junction Connector
80 A (*3)
79 B (*4)
46 EK1
51 EK1
43 EK1
44 EK1
21 Kc1
19 Kc1
24 Kc1
18 Kc1
W–B
W–B (LHD)
W–B (RHD)
21 A
26 C
18 A
6 C
15 A
17 C
14 A (*3)
15 C (*4)
IND
VS
VG
V5
c38(A), c39(B), c56(C)
Front Seat Climate Control ECU LH
LIN
BFC–
BCS
BFC+
13 A
6 A
1 C
5 A (*3)
24 C (*4)
4 A
4 Kc1
47 EK1
LIN2
28 B
E36(B)
A/C Amplifier Assembly
3
43
23
E60
Junction
Connector
4
3
2
BFC–
BCS
BFC+
c42
Front Seat Climate Control Blower LH
G
(*4)
E1
E3


∗1 : Before Aug. 2010 Production
∗2 : From Aug. 2010 Production
∗3 : Before Jan. 2012 Production
∗4 : From Jan. 2012 Production
(BAT)
25A
SEAT–A/C LH
(IG)
10A
SEAT–A/C
FAN
c43
Front Seat Heater Assembly LH
Seat Back
Seat Cushion
B
E
H5
HS
W
B
LG
BE
O
G–B
G
77 EA1
18 AK2
78 EK2
48 EK1
25 Kc1
7 Kc1
c38(A), c39(B), c56(C)
Front Seat Climate Control ECU LH
TDC+
TDC–
TC5
TCS
TDB+
TDB–
TB5
TBS
GND
IG
R
L
Y
V
SB
GR
W–B
c23
Junction
Connector
c40
Front Seat Climate Controller Seat Cushion LH
c41
Front Seat Climate Controller Seat Back LH
K1

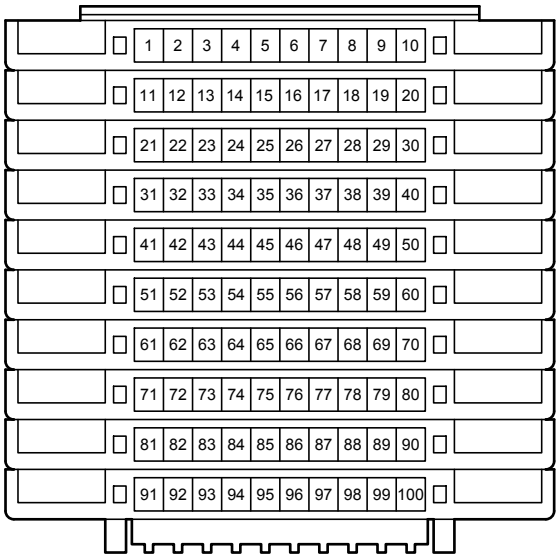
E 36
White



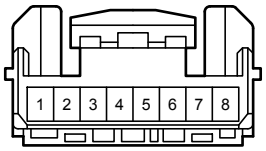

E 58
White



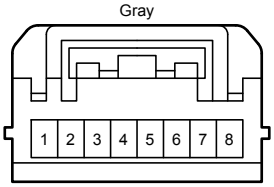

E 60
White



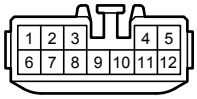

E 92
Black



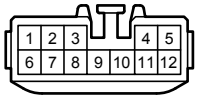

E 93
Gray



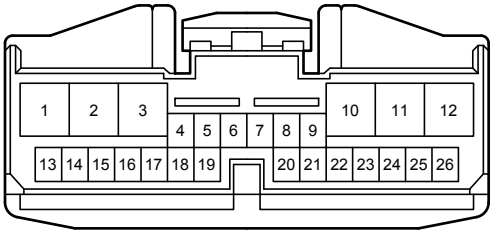

c 12
White



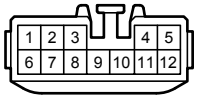

c 23
White



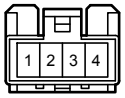

c 24
White



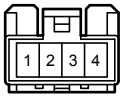

c 25
White



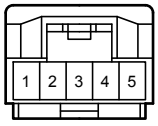

c 26
Blue



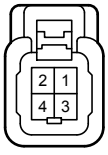

c 27
White



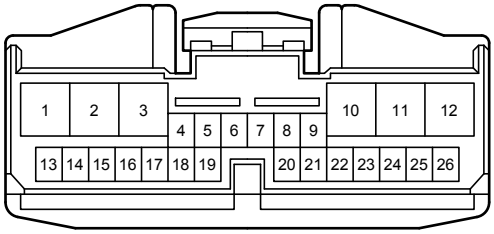

c 28
White



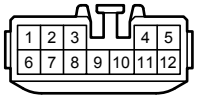

c 29
White



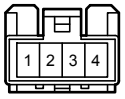
c 38
White



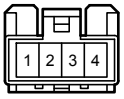

c 39
White



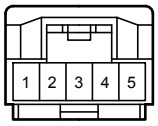

c 40
Blue



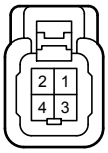

c 41
White



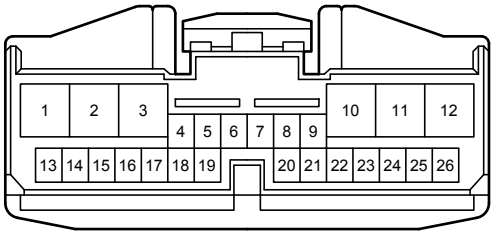

c 42
White



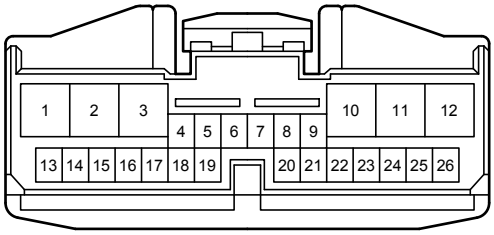

c 43
White



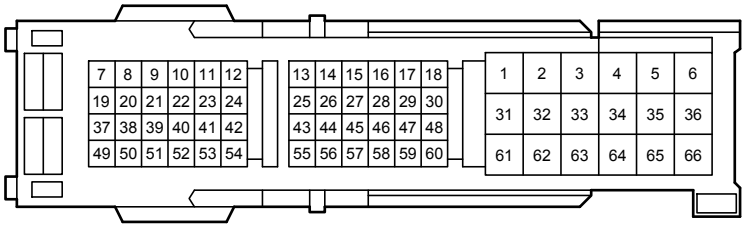

c 55
White



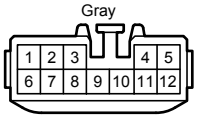

c 56
White



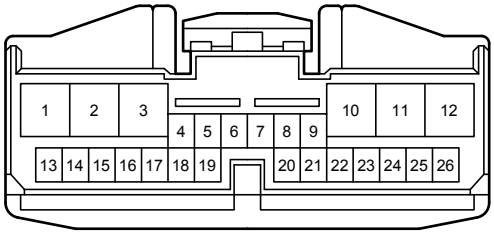

2D
White



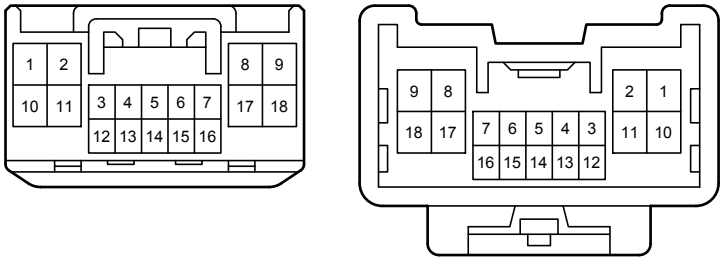

3B
Gray



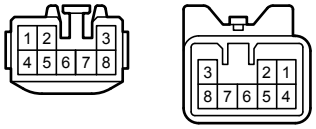

3C
White



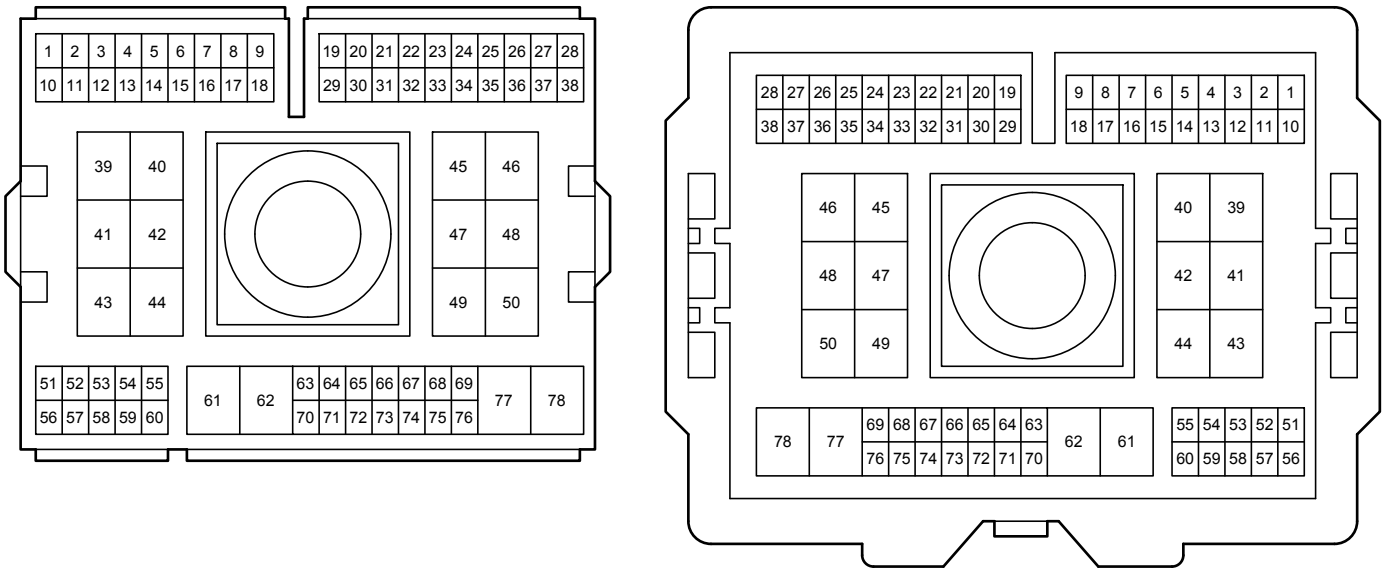
AK2
Gray



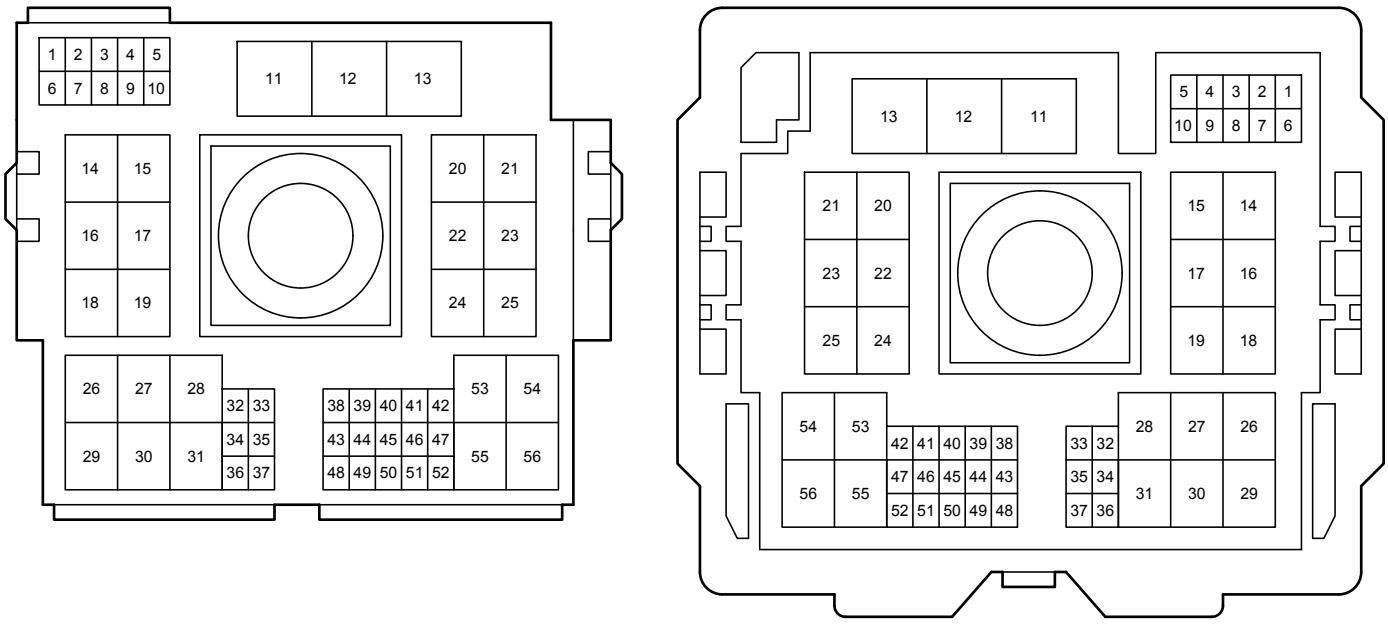

AL1
White



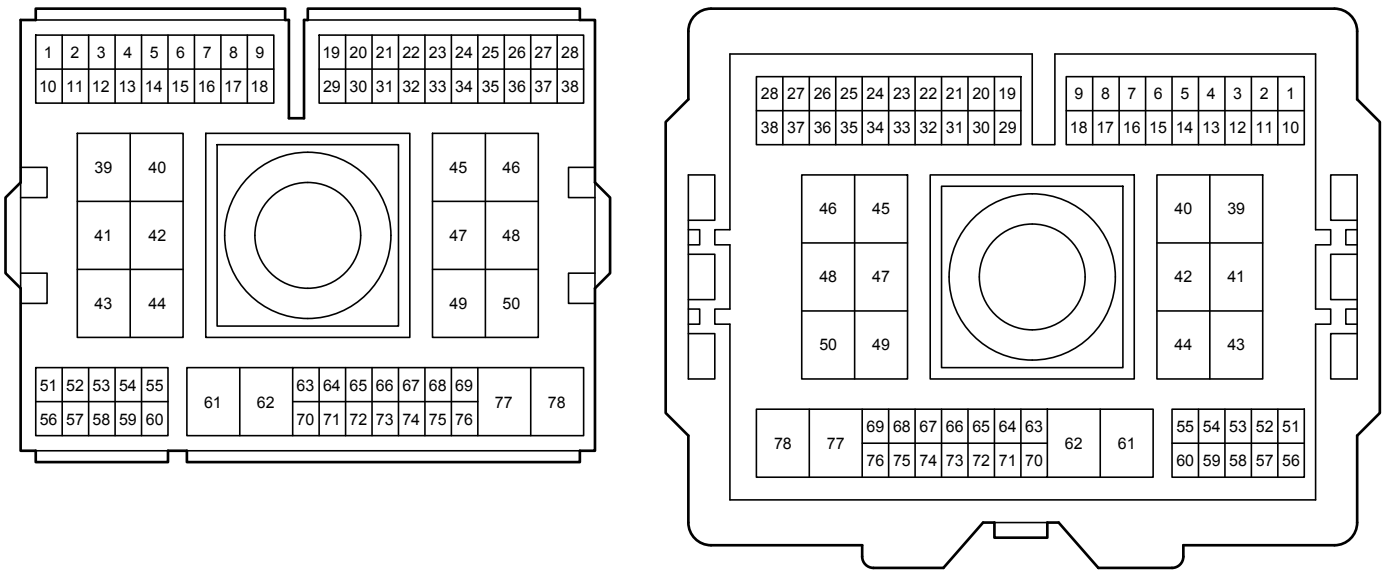

EA1
White



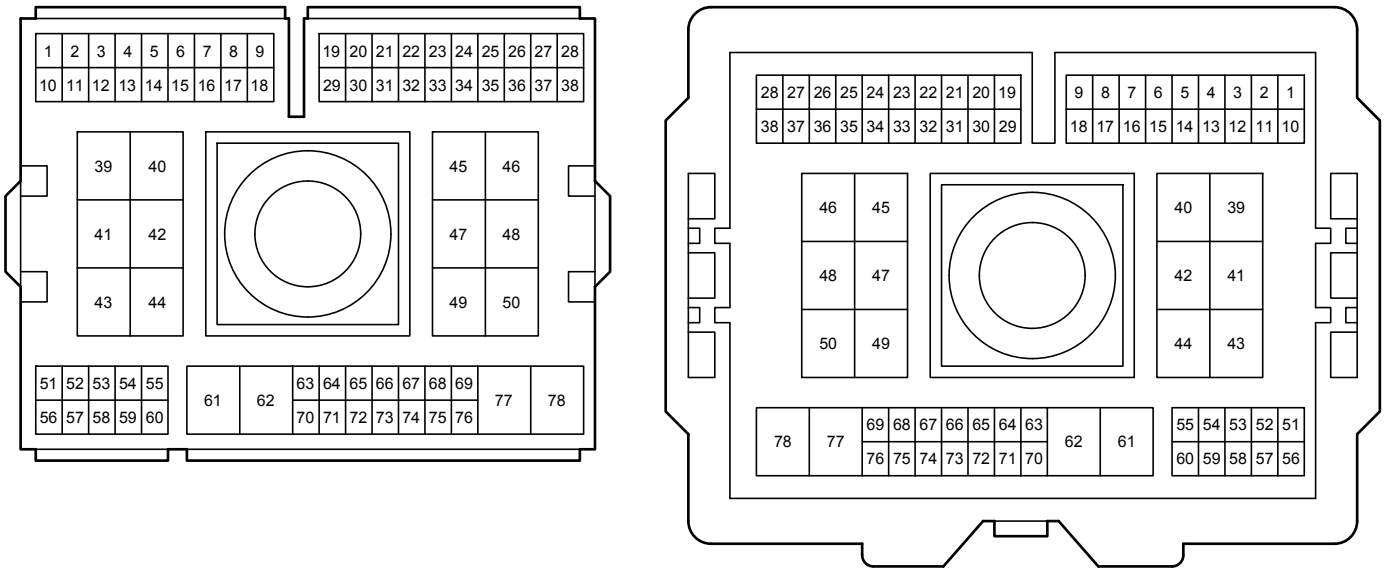

EK1
White Blue



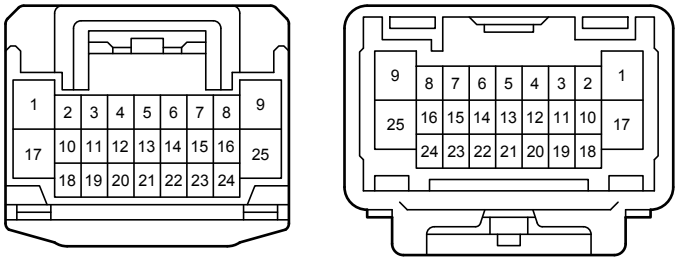
EK2
White

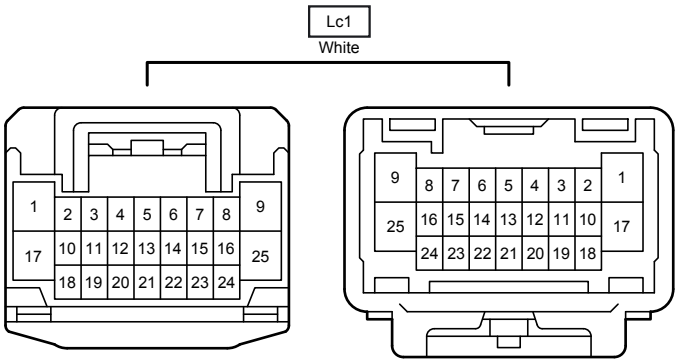


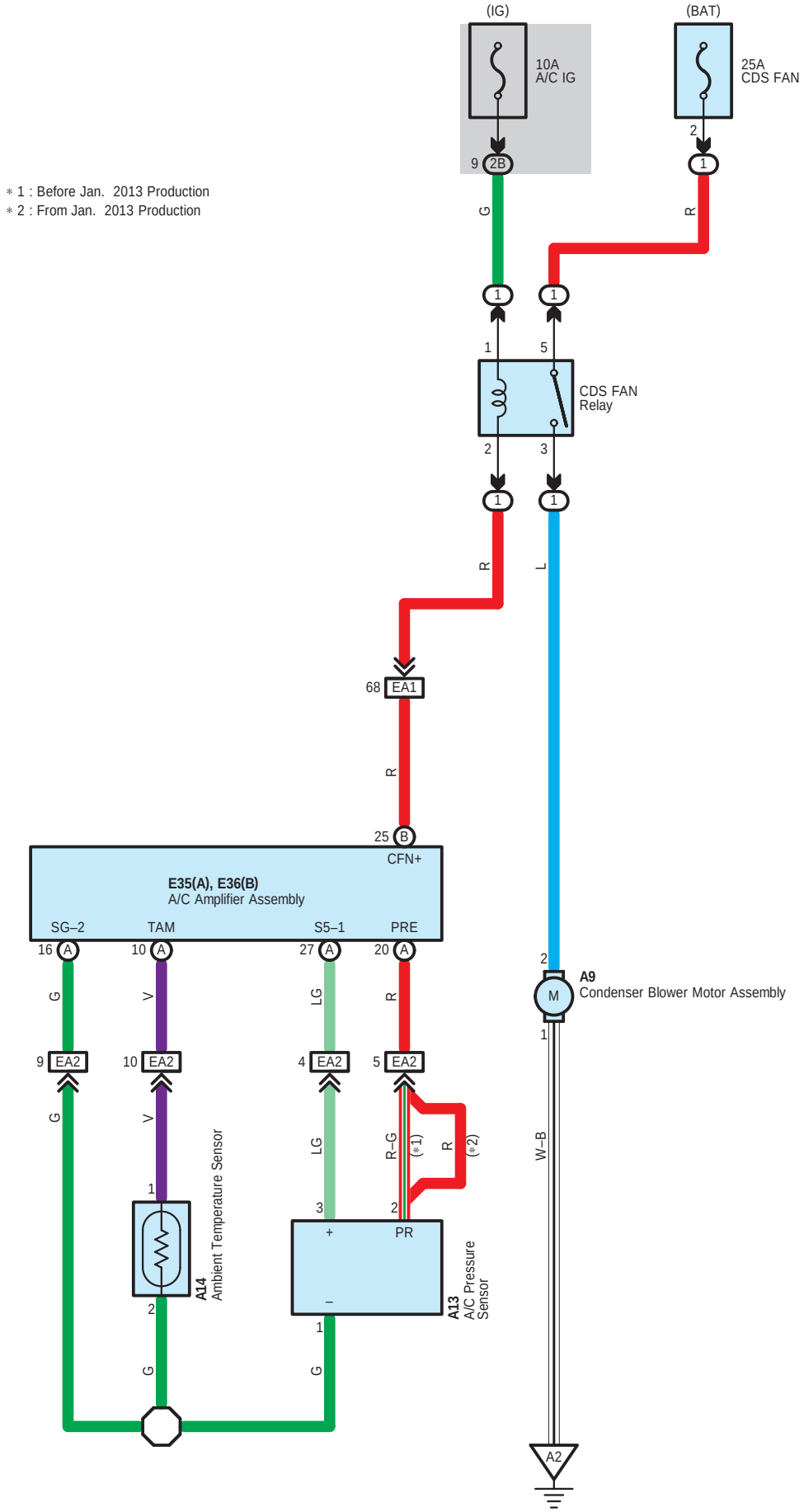

EL1
White




Kc1
White



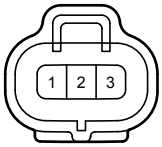

Lc1
White
1
2
3
4
5
6
7
8
9
17
10
11
12
13
14
15
16
25
18
19
20
21
22
23
24
9
8
7
6
5
4
3
2
1
25
16
15
14
13
12
11
10
17
24
23
22
21
20
19
18


(IG)
(BAT)
10A
A/C IG
25A
CDS FAN
9 2B
2
1
G
R
1
1
1
5
CDS FAN
Relay
2
3
1
1
R
L
68 EA1
R
25 B
CFN+
E35(A), E36(B)
A/C Amplifier Assembly
SG–2
TAM
S5–1
PRE
16 A
10 A
27 A
20 A
G
V
LG
R
9 EA2
10 EA2
4 EA2
5 EA2
G
V
LG
R–G
(*1)
R
(*2)
1
3
2
+
PR
–
A14
Ambient Temperature Sensor
A13
A/C Pressure
Sensor
2
1
G
G
2
A9
M
Condenser Blower Motor Assembly
1
W–B
A2
∗ 1 : Before Jan. 2013 Production
∗ 2 : From Jan. 2013 Production

A 9
Black



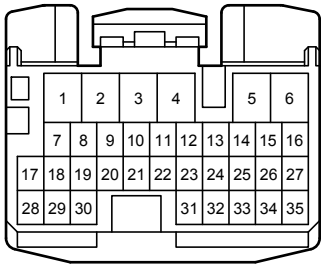

A 13
Black



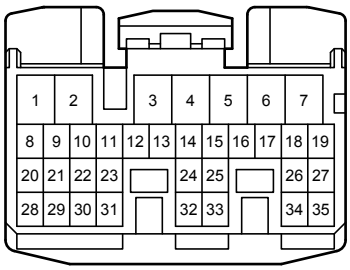

A 14
Black



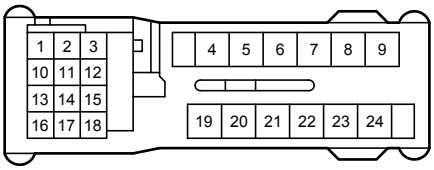

E 35
White



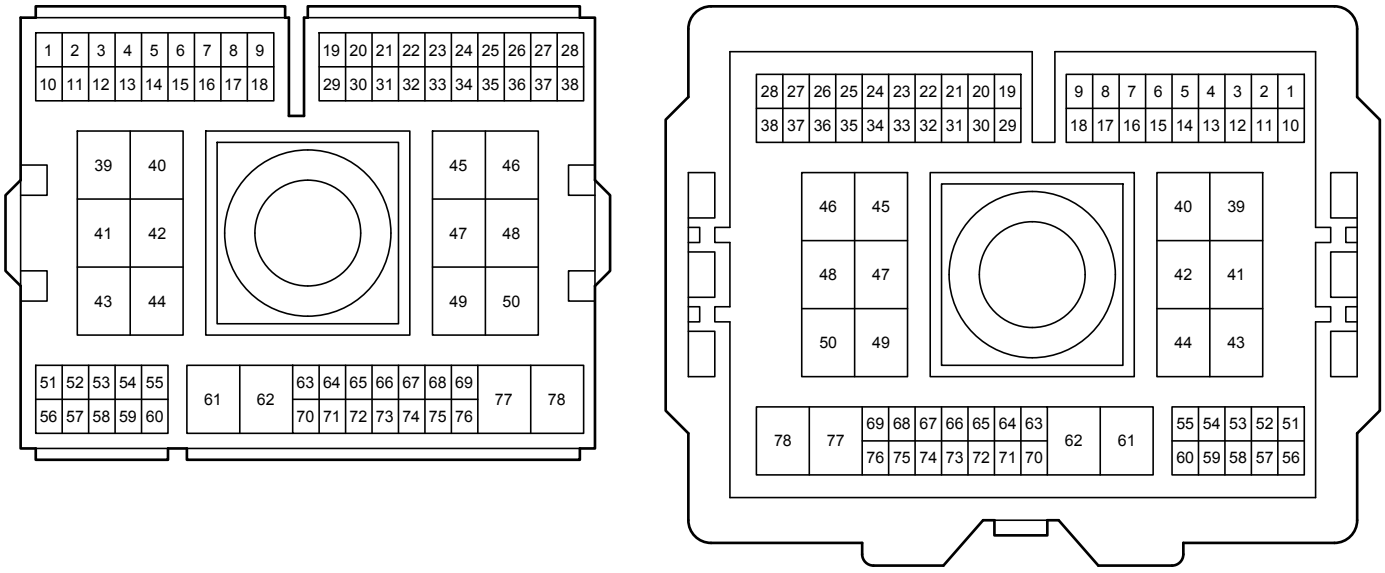

E 36
White

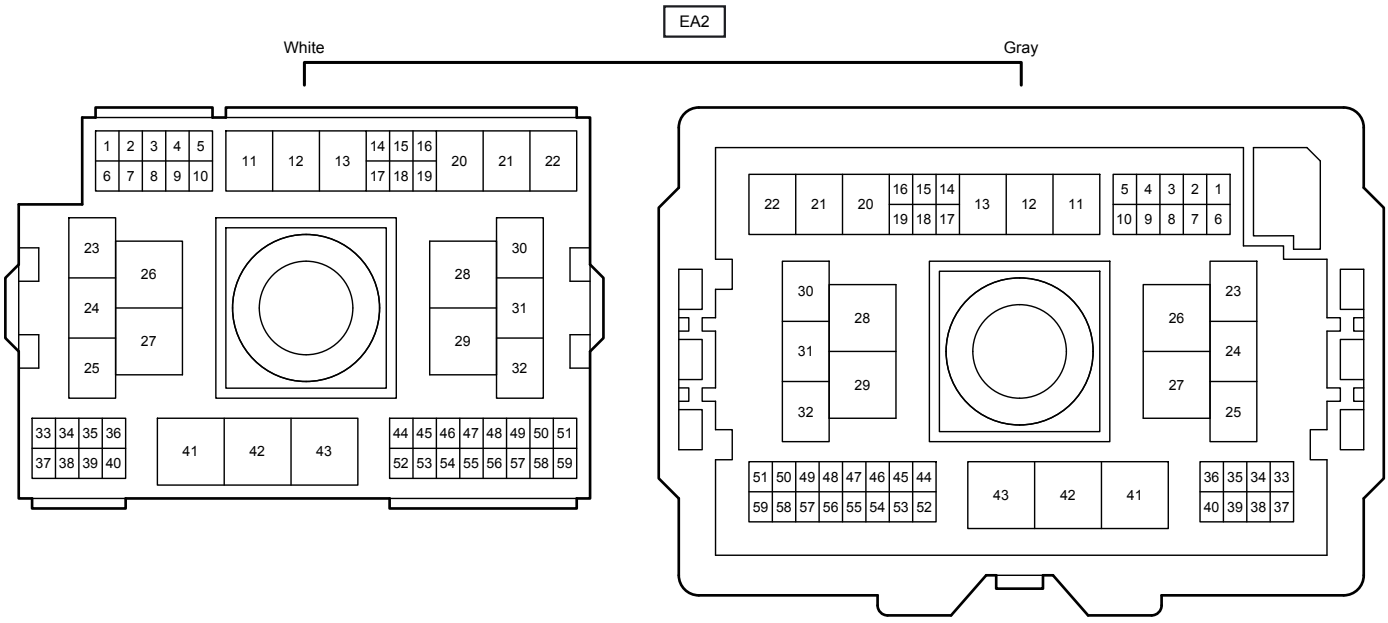


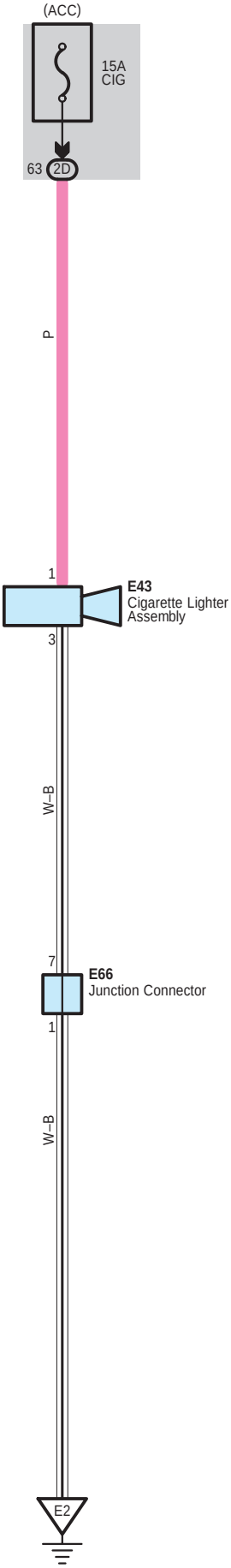

2B
White



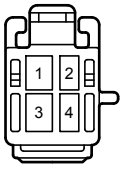

EA1
White



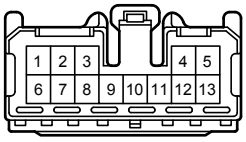

EA2
White
Gray
1 2 3 4 5
6 7 8 9 10
11 12 13 14 15 16
17 18 19 20 21 22
23 24 25 26 27
28 29 30 31 32
33 34 35 36
37 38 39 40
41 42 43
44 45 46 47 48 49 50 51
52 53 54 55 56 57 58 59
22 21 20 16 15 14
19 18 17 13 12 11
5 4 3 2 1
10 9 8 7 6
30 31 32 28 29
26 27 23 24 25
51 50 49 48 47 46 45 44
59 58 57 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
3
W–B
7
E66
Junction Connector
1
W–B
E2

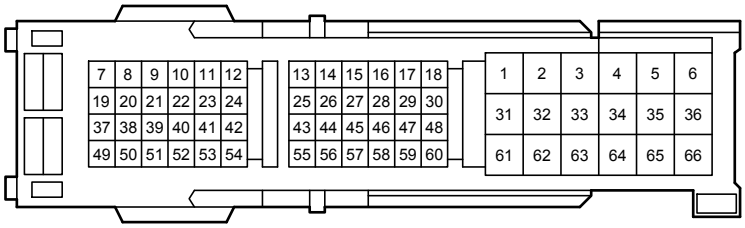
E 43
White

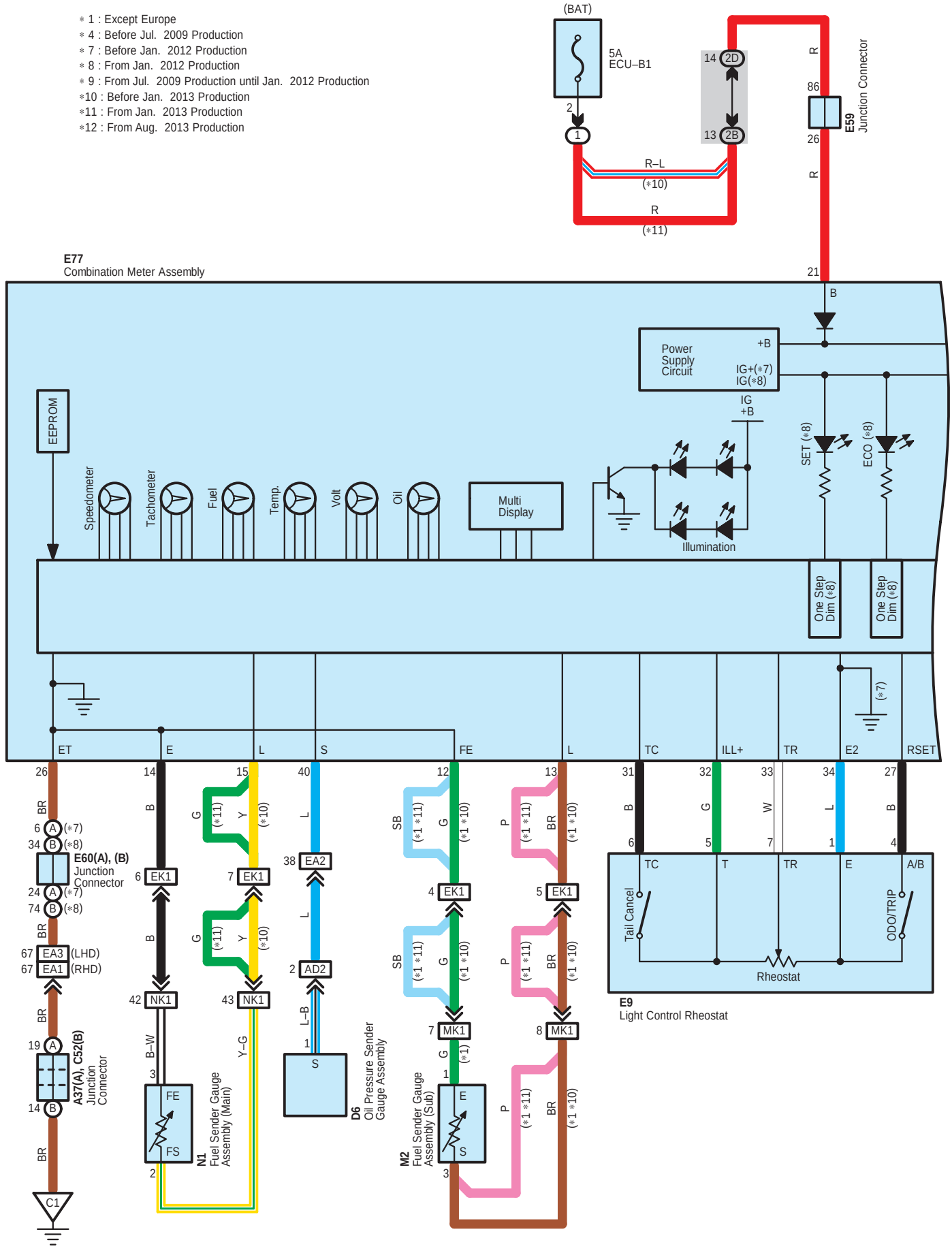


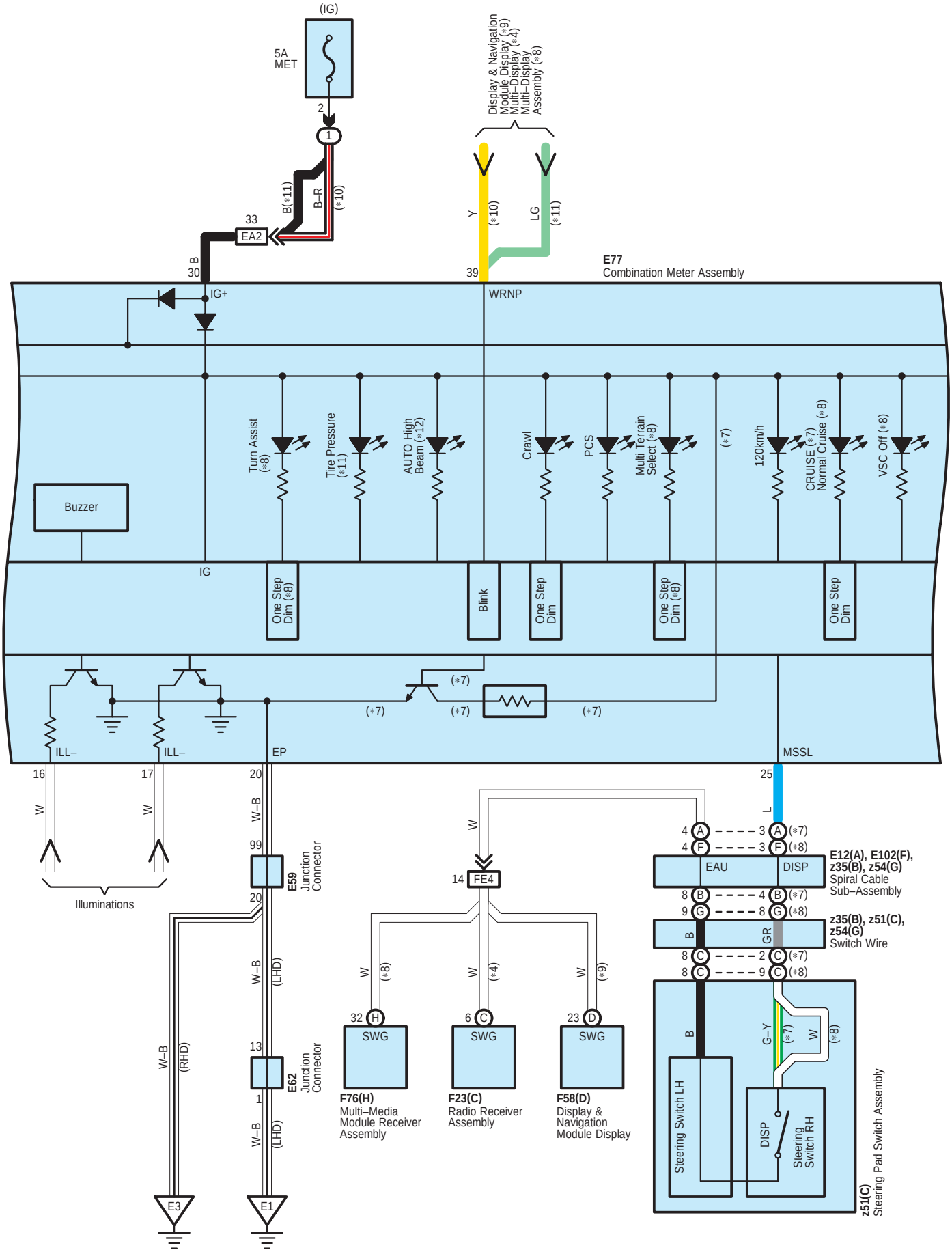

E 66
White

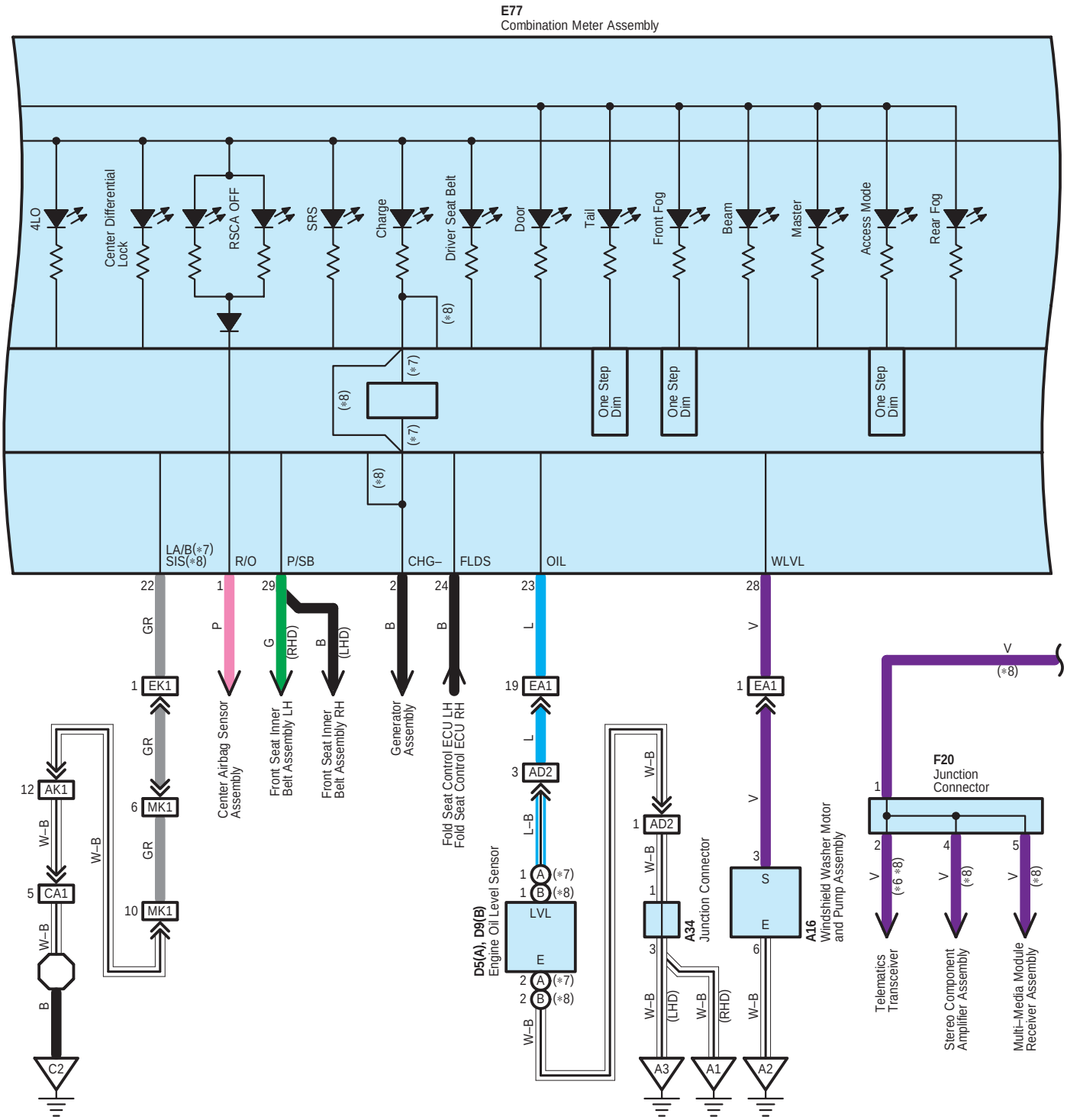



2D
White

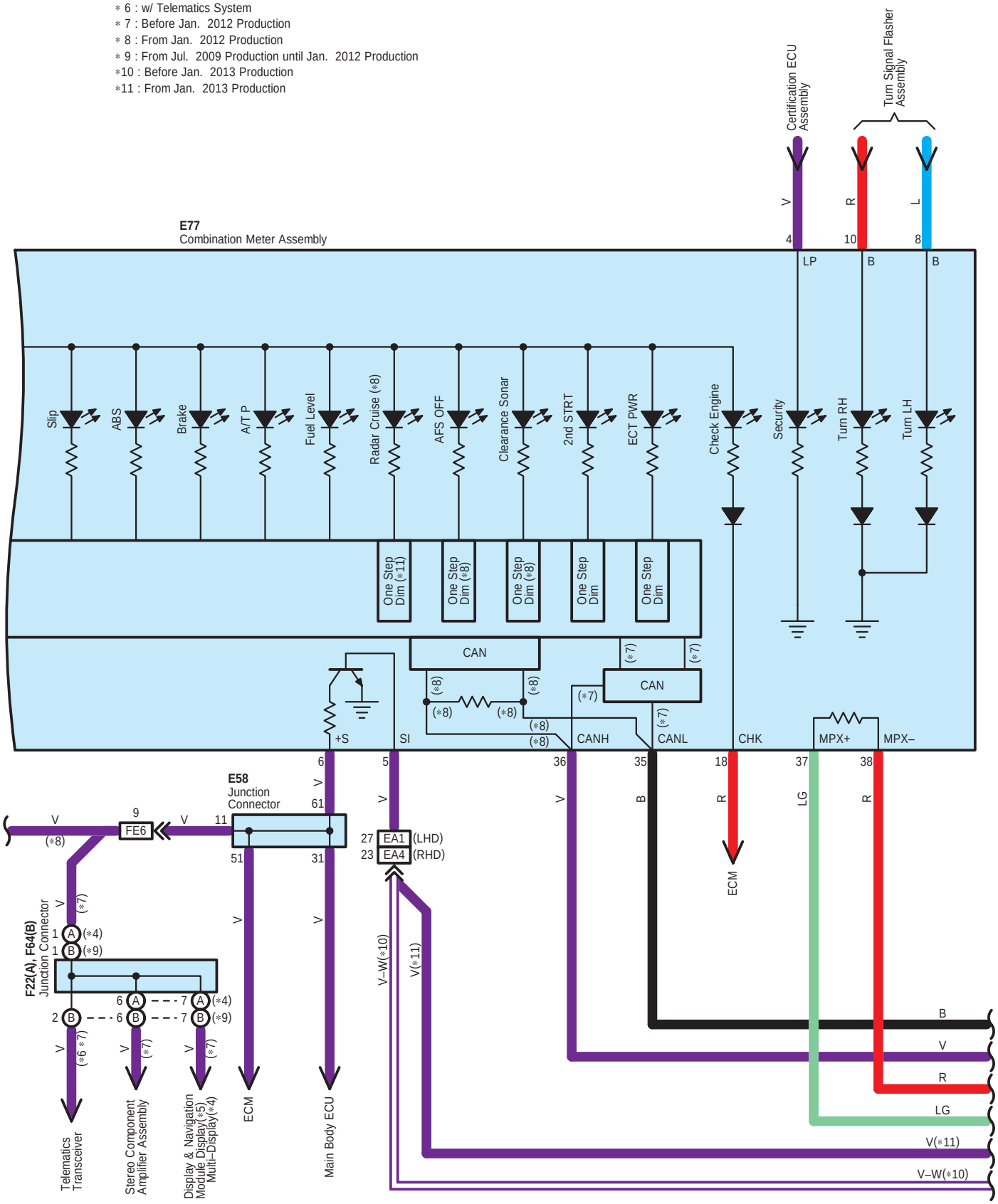


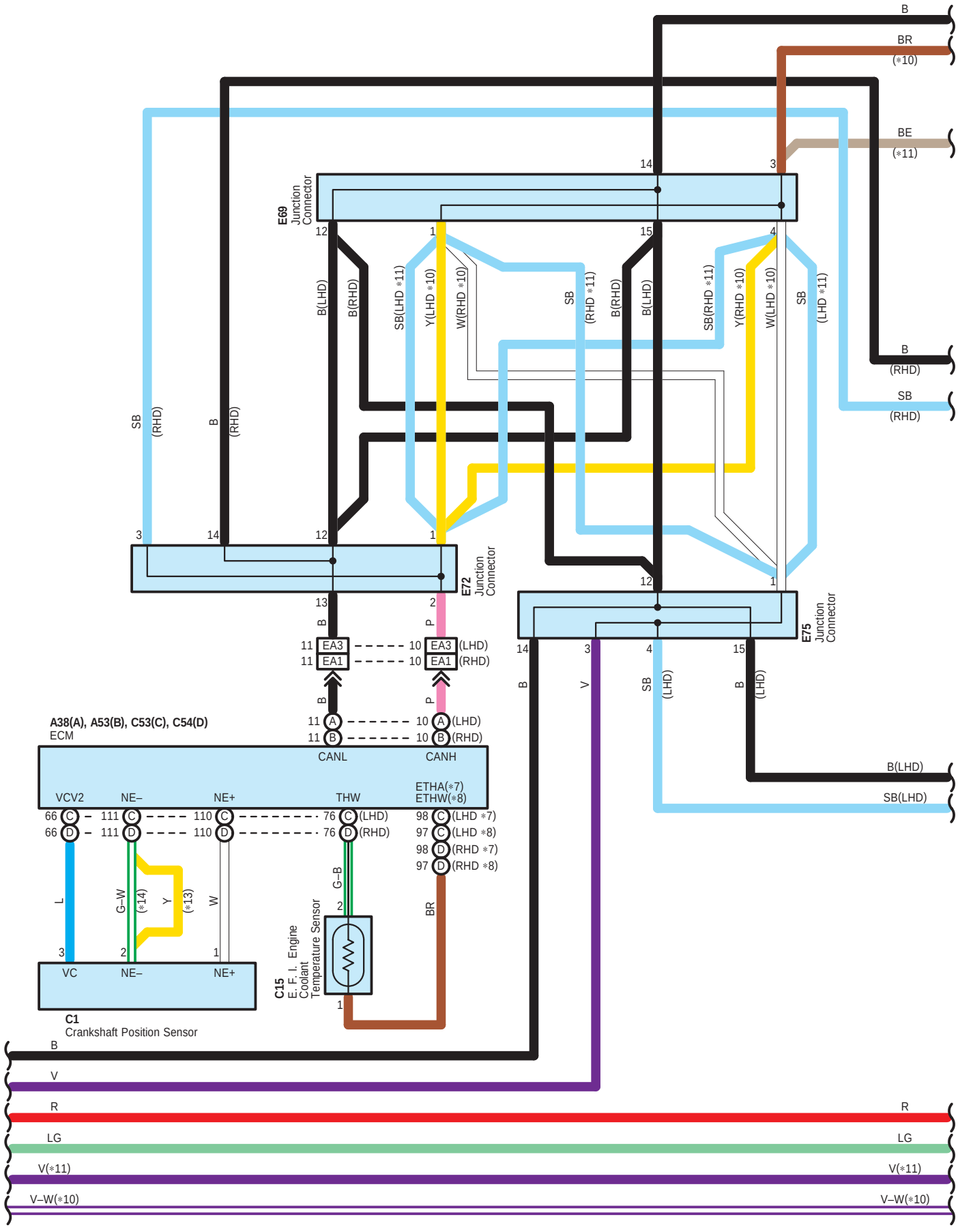

∗ 1 : Except Europe
∗ 4 : Before Jul. 2009 Production
∗ 7 : Before Jan. 2012 Production
∗ 8 : From Jan. 2012 Production
∗ 9 : From Jul. 2009 Production until Jan. 2012 Production
∗10 : Before Jan. 2013 Production
∗11 : From Jan. 2013 Production
∗12 : From Aug. 2013 Production
(BAT)
5A
ECU–B1
2
1
14 2D
13 2B
R–L
(∗10)
R
(∗11)
R
86
E59
Junction Connector
26
R
21
E77
Combination Meter Assembly
B
Power Supply Circuit
+B
IG+(∗7)
IG(∗8)
IG +B
EEPROM
Speedometer
Tachometer
Fuel
Temp.
Volt
Oil
Multi Display
Illumination
SET (∗8)
ECO (∗8)
One Step Dim (∗8)
One Step Dim (∗8)
(∗7)
ET
E
L
S
FE
L
TC
ILL+
TR
E2
RSET
26
BR
6 A (∗7)
34 B (∗8)
E60(A), (B)
Junction Connector
24 A (∗7)
74 B (∗8)
BR
67 EA3 (LHD)
67 EA1 (RHD)
BR
19 A
A37(A), C52(B)
Junction Connector
14 B
BR
C1
14
B
6 EK1
B
42 NK1
B–W
3
FE
FS
2
N1
Fuel Sender Gauge Assembly (Main)
15
G (∗11)
Y (∗10)
7 EK1
G (∗11)
Y (∗10)
43 NK1
Y–G
40
L
38 EA2
L
2 AD2
L–B
1
S
D6
Oil Pressure Sender Gauge Assembly
12
SB (∗1 ∗11)
G (∗1 ∗10)
4 EK1
SB (∗1 ∗11)
G (∗1 ∗10)
7 MK1
G (∗1)
1
E
S
3
M2
Fuel Sender Gauge Assembly (Sub)
13
P (∗1 ∗11)
BR (∗1 ∗10)
5 EK1
P (∗1 ∗11)
BR (∗1 ∗10)
8 MK1
P (∗1 ∗11)
BR (∗1 ∗10)
31
B
6
32
G
5
33
W
7
34
L
1
27
B
4
TC
T
TR
E
A/B
Tail Cancel
ODO/TRIP
Rheostat
E9
Light Control Rheostat

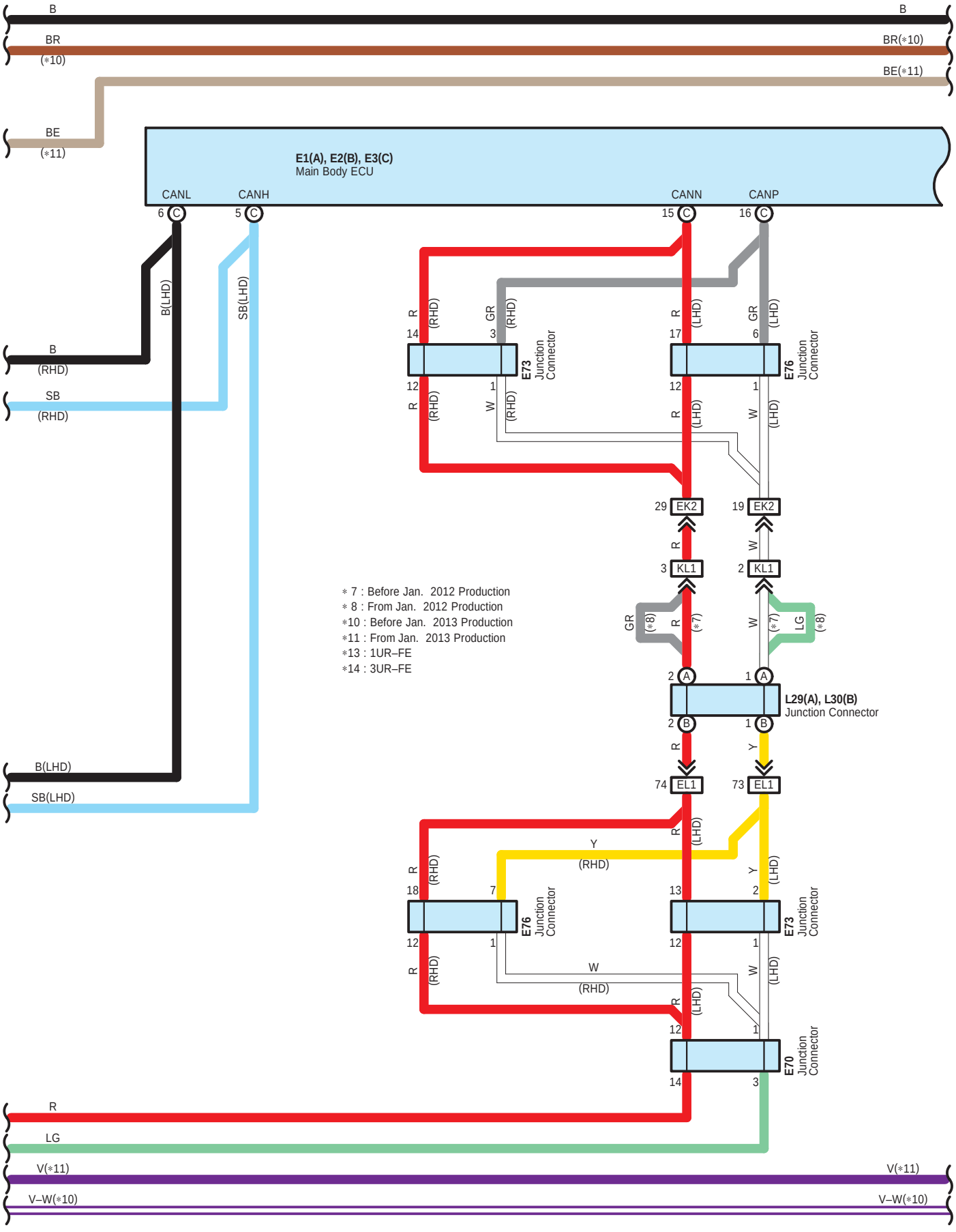

(IG)
5A
MET
2
1
B(*11)
B–R
(*10)
33
EA2
30
B
Display & Navigation
Module Display (*9)
Multi–Display
Multi–Display
Assembly (*8)
Y
(*10)
LG
(*11)
39
E77
Combination Meter Assembly
IG+
WRNP
Turn Assist
(*8)
Tire Pressure
(*11)
AUTO High
Beam (*12)
Crawl
PCS
Multi Terrain
Select (*8)
(*7)
120km/h
CRUISE (*7)
Normal Cruise (*8)
VSC Off (*8)
Buzzer
IG
One Step
Dim (*8)
Blink
One Step
Dim
One Step
Dim (*8)
One Step
Dim
(*7)
(*7)
(*7)
(*7)
ILL–
ILL–
EP
MSSL
16
17
20
25
W
W
W–B
L
99
E59
Junction
Connector
20
Illuminations
W–B
(LHD)
W–B
(RHD)
13
E62
Junction
Connector
1
W–B
(LHD)
E3
E1
W
14
FE4
W
(*8)
W
(*4)
W
(*9)
32
H
SWG
6
C
SWG
23
D
SWG
F76(H)
Multi–Media
Module Receiver
Assembly
F23(C)
Radio Receiver
Assembly
F58(D)
Display &
Navigation
Module Display
4
A
3
A
(*7)
4
F
3
F
(*8)
EAU
DISP
E12(A), E102(F),
z35(B), z54(G)
Spiral Cable
Sub–Assembly
8
B
4
B
(*7)
9
G
8
G
(*8)
B
GR
z35(B), z51(C),
z54(G)
Switch Wire
8
C
2
C
(*7)
8
C
9
C
(*8)
B
G–Y
(*7)
W
(*8)
Steering Switch LH
DISP
Steering
Switch RH
z51(C)
Steering Pad Switch Assembly

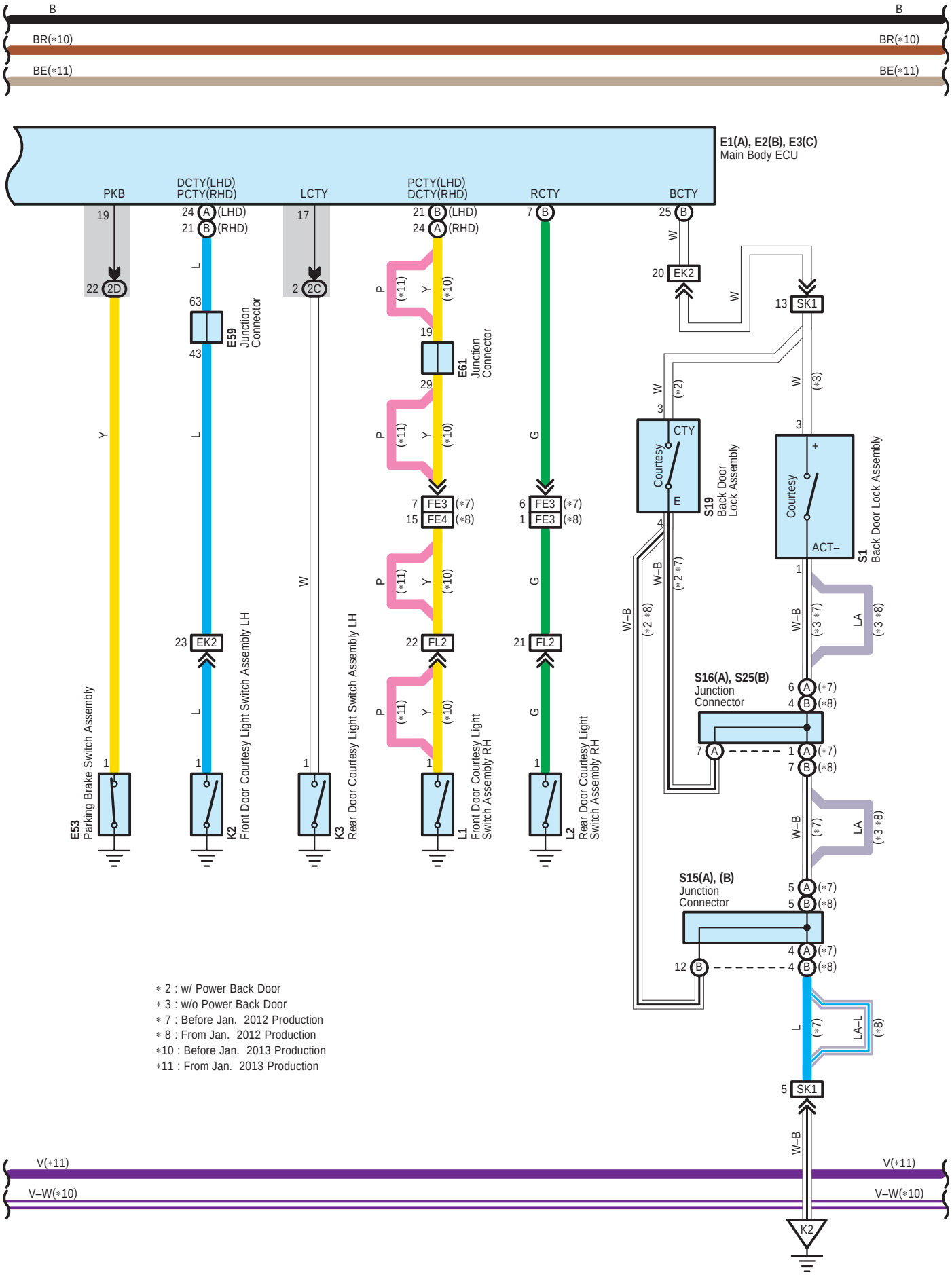

E77
Combination Meter Assembly
4LO
Center Differential Lock
RSCA OFF
SRS
Charge
Driver Seat Belt
Door
Tail
Front Fog
Beam
Master
Access Mode
Rear Fog
(*8)
(*7)
One Step Dim
LA/B(*7)
SIS(*8)
R/O
P/SB
CHG–
FLDS
OIL
WLVL
22 GR 1 EK1
GR 6 MK1
GR 10 MK1
12 AK1
W–B
5 CA1
W–B
B
C2
1 P
Center Airbag Sensor Assembly
29 G (RHD) B (LHD)
Front Seat Inner Belt Assembly LH
Front Seat Inner Belt Assembly RH
2 B
Generator Assembly
24 B
Fold Seat Control ECU LH
Fold Seat Control ECU RH
23 L 19 EA1
L 3 AD2
L–B
1 A (*7)
1 B (*8)
LVL
E
2 A (*7)
2 B (*8)
W–B
D5(A), D9(B)
Engine Oil Level Sensor
W–B 1 AD2
W–B 1
3 W–B (LHD)
W–B (RHD)
A34
Junction Connector
A3
A1
28 V 1 EA1
V 3 S
E 6 W–B
A2
A16
Windshield Washer Motor and Pump Assembly
V (*8)
F20
Junction Connector
1
2 V (*6 *8)
4 V (*8)
5 V (*8)
Telematics Transceiver
Stereo Component Amplifier Assembly
Multi–Media Module Receiver Assembly

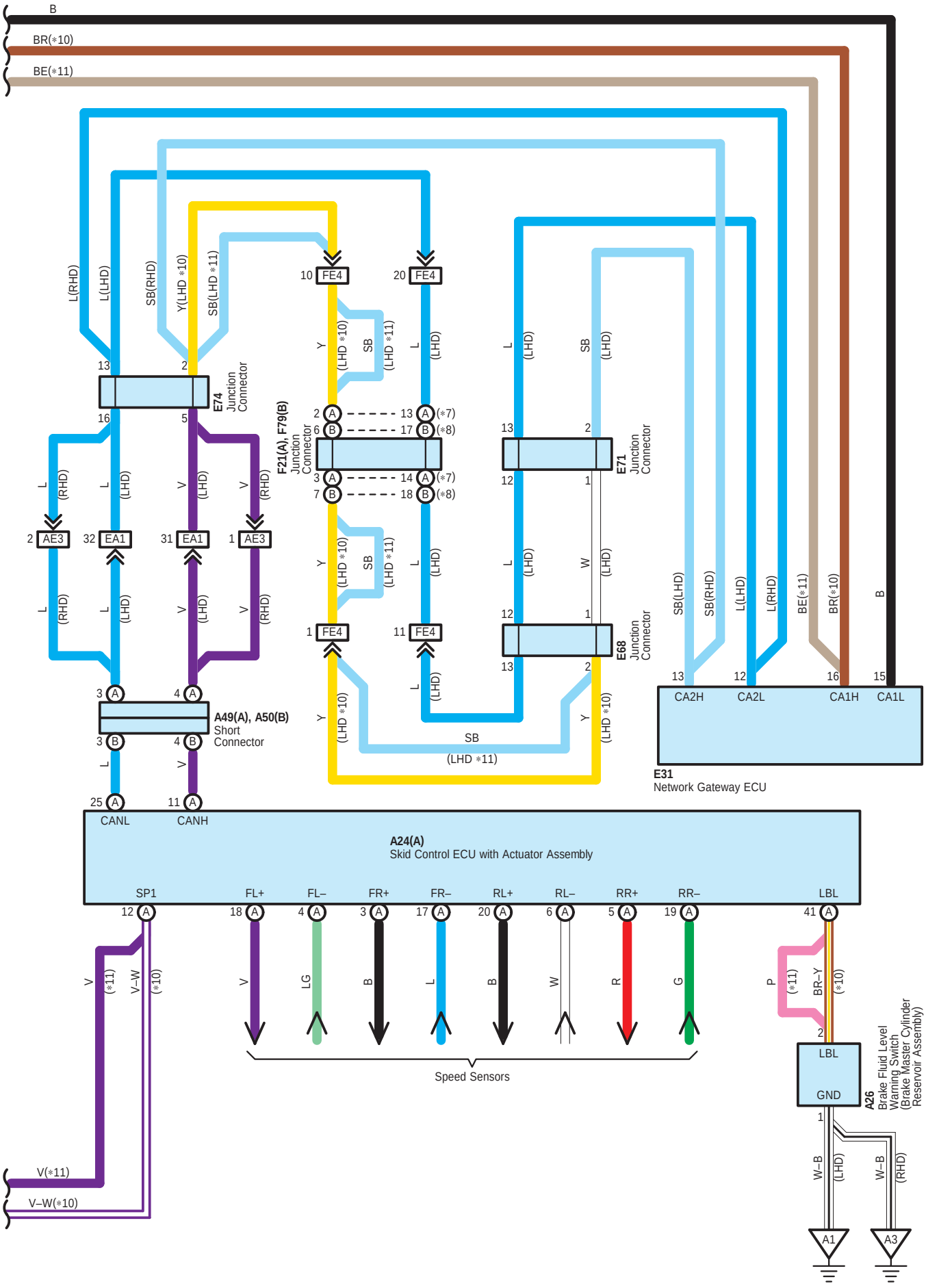
∗ 4 : Before Jul. 2009 Production
∗ 6 : w/ Telematics System
∗ 7 : Before Jan. 2012 Production
∗ 8 : From Jan. 2012 Production
∗ 9 : From Jul. 2009 Production until Jan. 2012 Production
∗10 : Before Jan. 2013 Production
∗11 : From Jan. 2013 Production



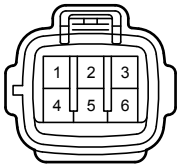

B
BR
(*10)
BE
(*11)
E69
Junction
Connector
14
3
12
1
15
4
B(LHD)
B(RHD)
SB(LHD *11)
Y(LHD *10)
W(RHD *10)
SB
(RHD *11)
B(RHD)
B(LHD)
SB(RHD *11)
Y(RHD *10)
W(LHD *10)
SB
(LHD *11)
B
(RHD)
SB
(RHD)
SB
(RHD)
B
(RHD)
3
14
12
1
E72
Junction
Connector
13
2
B
P
11 EA3 10 EA3 (LHD)
11 EA1 10 EA1 (RHD)
B
P
11 A 10 A (LHD)
11 B 10 B (RHD)
A38(A), A53(B), C53(C), C54(D)
ECM
CANL
CANH
VCV2
NE–
NE+
THW
ETHA(*7)
ETHW(*8)
66 C 111 C 110 C 76 C (LHD)
66 D 111 D 110 D 76 D (RHD)
98 C (LHD *7)
97 C (LHD *8)
98 D (RHD *7)
97 D (RHD *8)
L
G–W
(*14)
Y
(*13)
W
G–B
BR
3
2
1
2
1
VC
NE–
NE+
C15
E.F.I. Engine
Coolant
Temperature Sensor
C1
Crankshaft Position Sensor
E75
Junction
Connector
12
1
14
3
4
15
B
V
SB
(LHD)
B
(LHD)
B(LHD)
SB(LHD)
B
V
R
LG
V(*11)
V–W(*10)
R
LG
V(*11)
V–W(*10)


B
BR
(*10)
BE
(*11)
B
BR(*10)
BE(*11)
E1(A), E2(B), E3(C)
Main Body ECU
CANL
CANH
CANN
CANP
6 C
5 C
15 C
16 C
B(LHD)
SB(LHD)
B
(RHD)
SB
(RHD)
B(LHD)
SB(LHD)
R (RHD)
GR (RHD)
R (LHD)
GR (LHD)
14
3
17
6
E73 Junction Connector
E76 Junction Connector
12
1
W (RHD)
W (LHD)
29 EK2
19 EK2
3 KL1
2 KL1
GR (*8)
R (*7)
W (*7)
LG (*8)
2 A
1 A
L29(A), L30(B)
Junction Connector
2 B
1 B
74 EL1
73 EL1
Y (RHD)
Y (LHD)
18
7
13
2
W (RHD)
E70 Junction Connector
R
LG
V(*11)
V–W(*10)
*7 : Before Jan. 2012 Production
*8 : From Jan. 2012 Production
*10 : Before Jan. 2013 Production
*11 : From Jan. 2013 Production
*13 : 1UR–FE
*14 : 3UR–FE

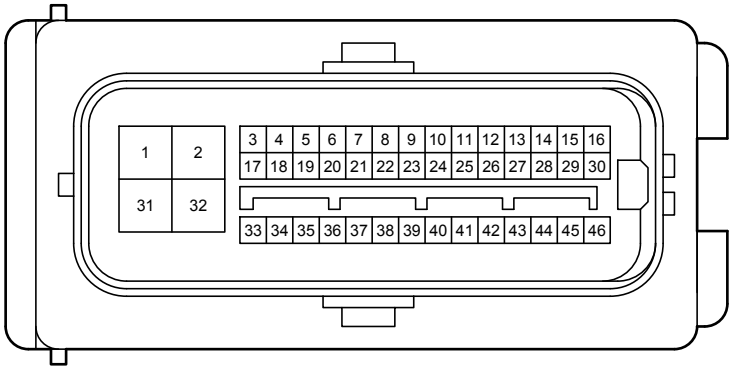

B
BR(*10)
BE(*11)
E1(A), E2(B), E3(C)
Main Body ECU
PKB
DCTY(LHD)
PCTY(RHD)
LCTY
PCTY(LHD)
DCTY(RHD)
RCTY
BCTY
19
22 2D
24 A (LHD)
21 B (RHD)
63
43
E59 Junction Connector
23 EK2
1
E53 Parking Brake Switch Assembly
K2 Front Door Courtesy Light Switch Assembly LH
17
2 2C
W
K3 Rear Door Courtesy Light Switch Assembly LH
21 B (LHD)
24 A (RHD)
19
29
E61 Junction Connector
7 FE3 (*7)
15 FE4 (*8)
22 FL2
L1 Front Door Courtesy Light Switch Assembly RH
7 B
6 FE3 (*7)
1 FE3 (*8)
21 FL2
L2 Rear Door Courtesy Light Switch Assembly RH
25 B
20 EK2
13 SK1
3
CTY
Courtesy
E
S19 Back Door Lock Assembly
4
ACT–
S1 Back Door Lock Assembly
S16(A), S25(B) Junction Connector
S15(A), (B) Junction Connector
12 B
5 SK1
K2
V(*11)
V–W(*10)
* 2 : w/ Power Back Door
* 3 : w/o Power Back Door
* 7 : Before Jan. 2012 Production
* 8 : From Jan. 2012 Production
*10 : Before Jan. 2013 Production
*11 : From Jan. 2013 Production


B
BR(*10)
BE(*11)
L(RHD)
L(LHD)
SB(RHD)
Y(LHD *10)
SB(LHD *11)
E74
Junction Connector
F21(A), F79(B)
Junction Connector
E71
Junction Connector
E68
Junction Connector
A49(A), A50(B)
Short Connector
E31
Network Gateway ECU
CA2H
CA2L
CA1H
CA1L
SB(LHD)
SB(RHD)
L(LHD)
L(RHD)
BE(*11)
BR(*10)
B
CANL
CANH
A24(A)
Skid Control ECU with Actuator Assembly
SP1
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
LBL
Speed Sensors
V(*11)
V–W(*10)
P
BR–Y
A26
Brake Fluid Level Warning Switch (Brake Master Cylinder Reservoir Assembly)
GND
W–B
A1
A3

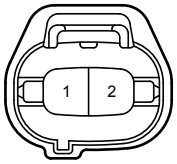
A 16
Gray



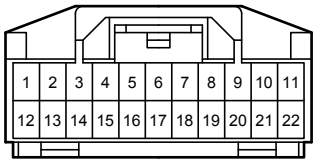

A 24
Black



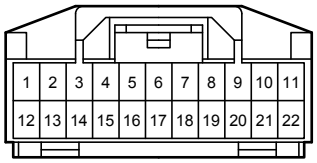

A 26
Gray



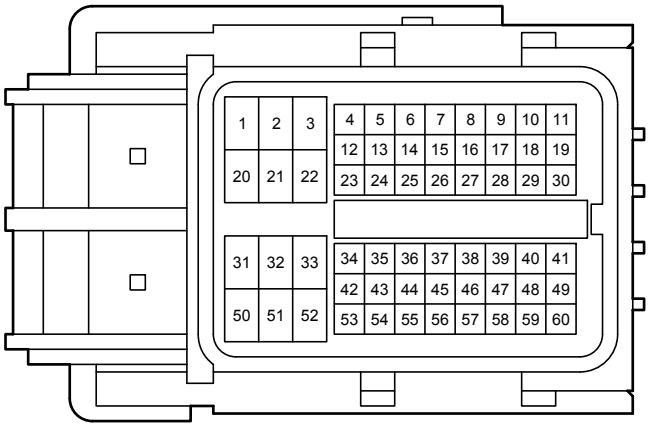

A 34
White




A 37
Blue




A 38
Black



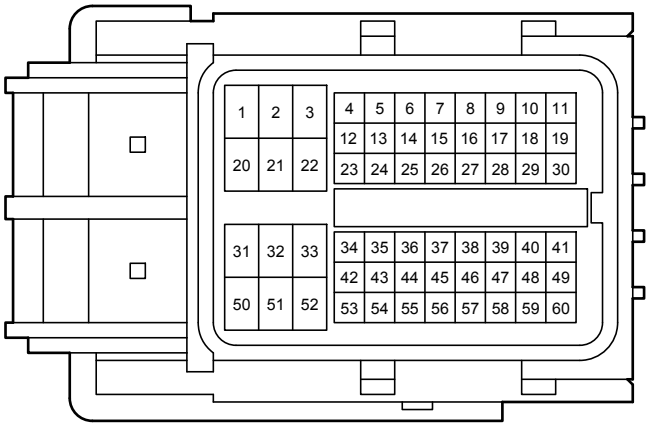

A 49
Gray



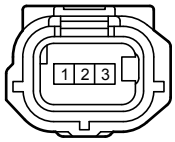

A 50
Gray




A 53
Black



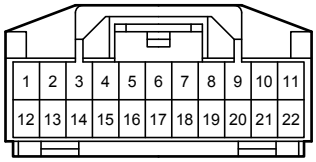

C 1
Black



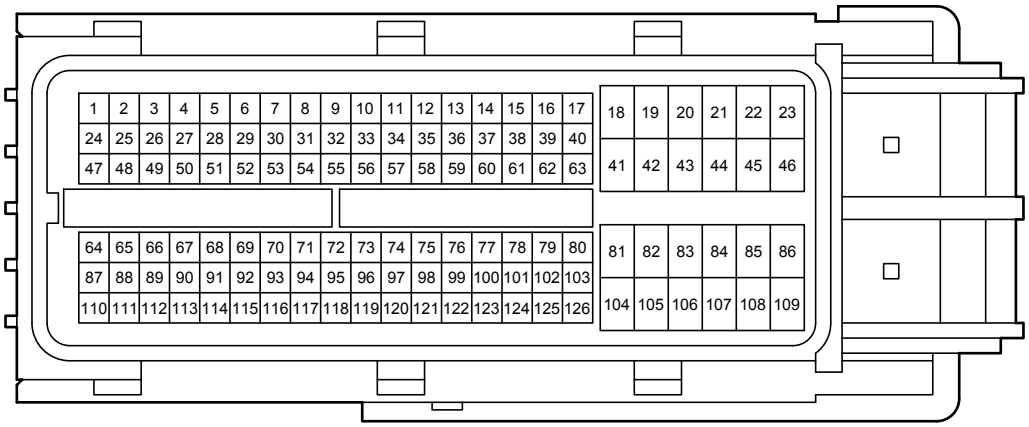

C 15
Dark Gray



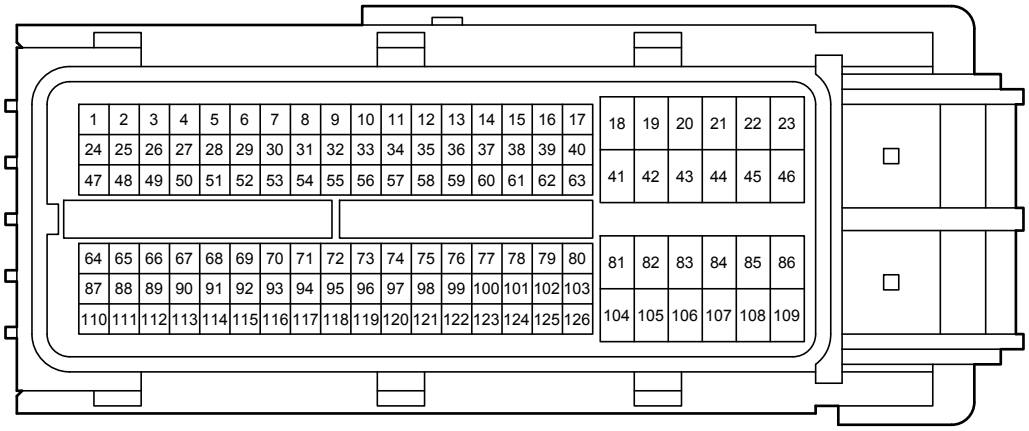
C 52
Blue



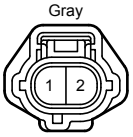

C 53
Black




C 54
Black



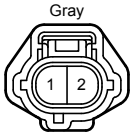

D 5
Gray



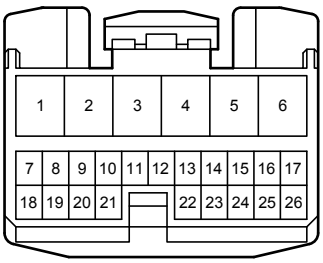

D 6
Black



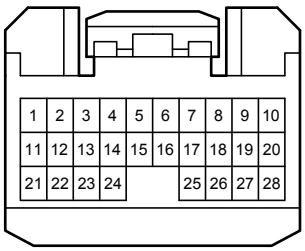

D 9
Gray



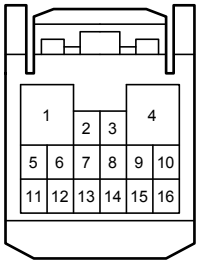

E 1
White



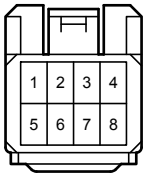

E 2
White



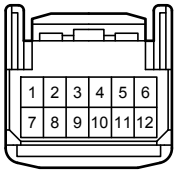
E 3
White



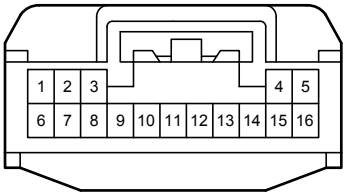

E 9
White




E 12
Black



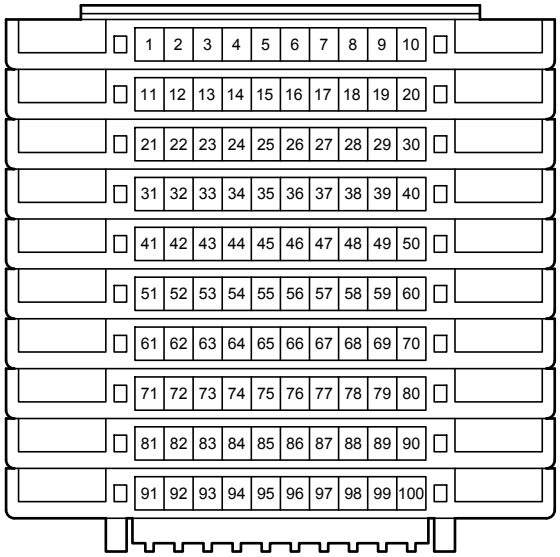

E 31
White



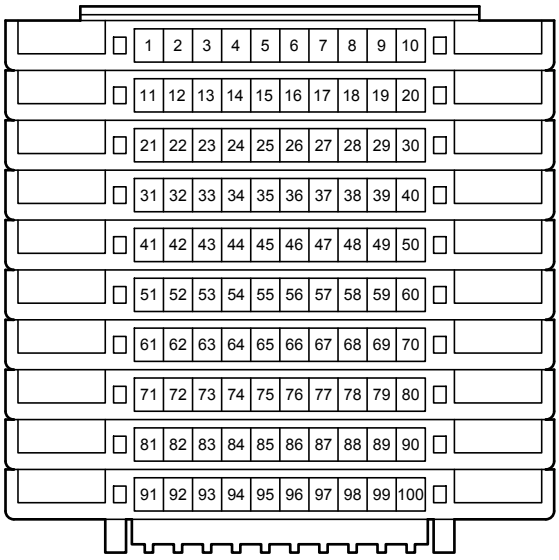

E 53
White



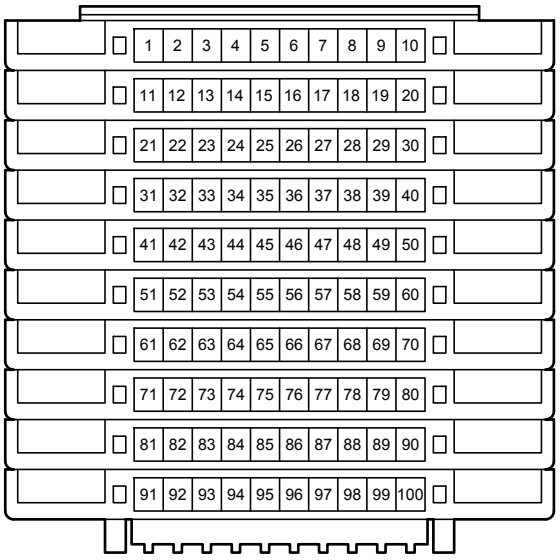

E 58
White



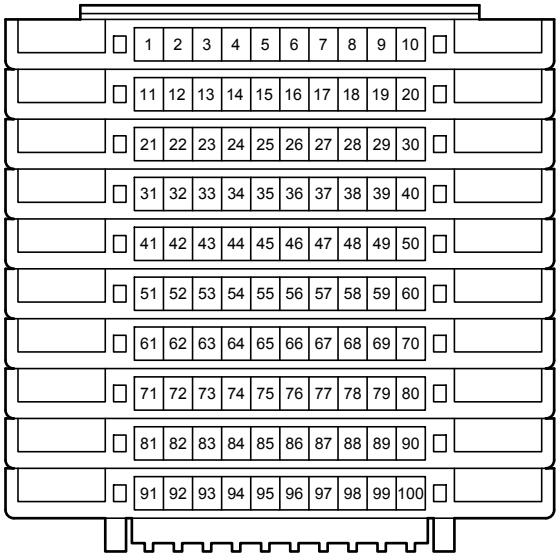

E 59
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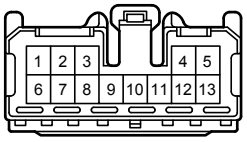

E 60
White



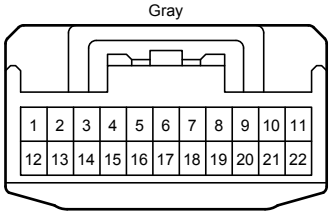
E 61
White



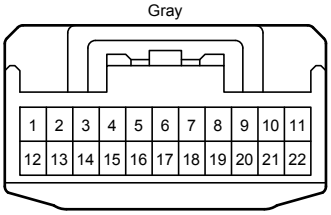

E 62
White



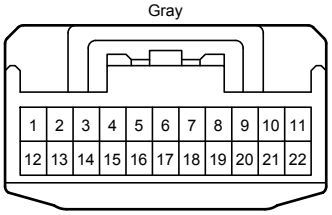

E 68
Gray



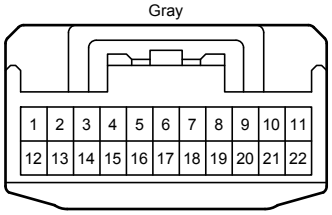

E 69
Gray



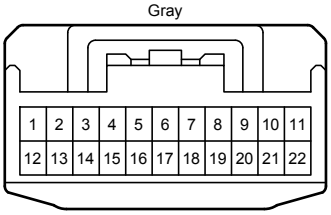

E 70
Gray



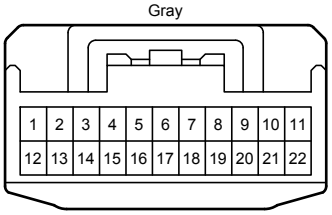

E 71
Gray



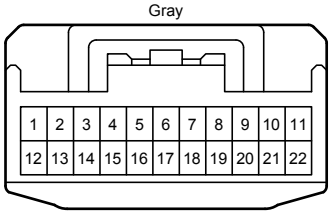

E 72
Gray



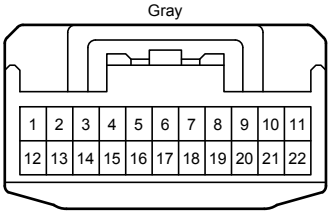

E 73
Gray



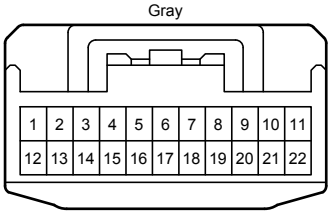

E 74
Gray



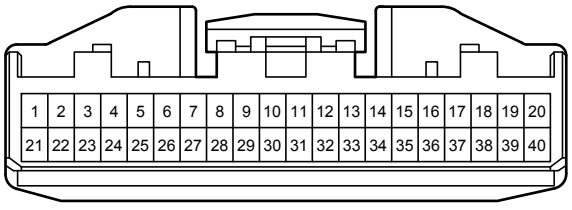

E 75
Gray



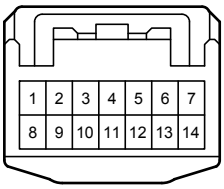

E 76
Gray



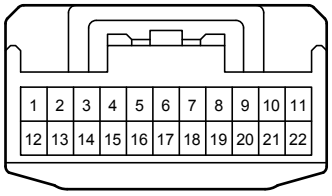

E 77
White



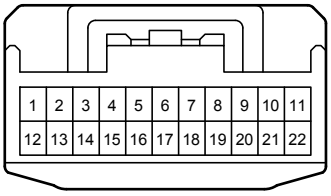

E102
Black



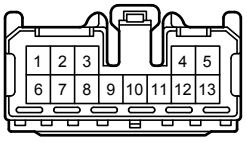
F 20
Gray



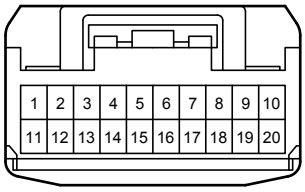

F 21
Black



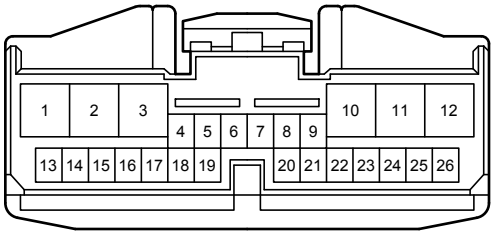

F 22
White



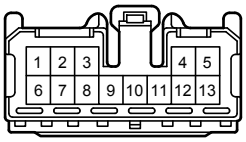

F 23
White



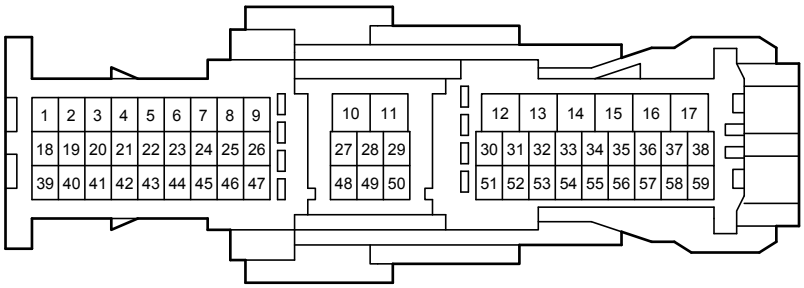

F 58
White



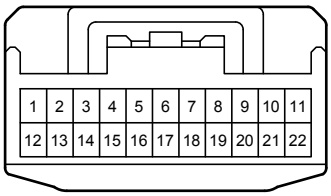

F 64
White




F 76
White




F 79
White




K 2
White




K 3
White



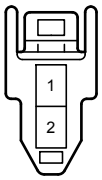

L 1
White



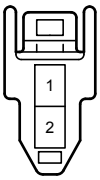

L 2
White




L 29
White




L 30
White



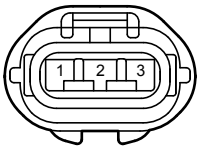

M 2
Black



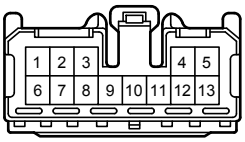

N 1
White



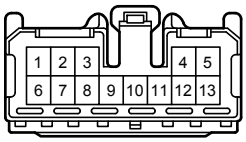

S 1
Black



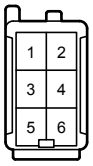

S 15
White



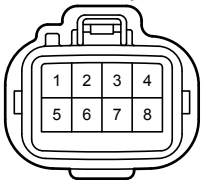

S 16
White



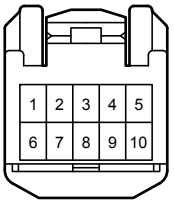

S 19
Black



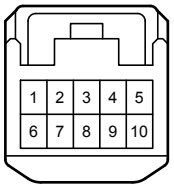

S 25
Dark Gray



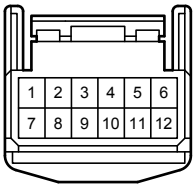

z 35
White



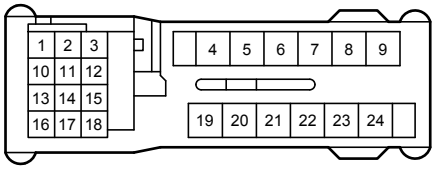

z 51
Blue



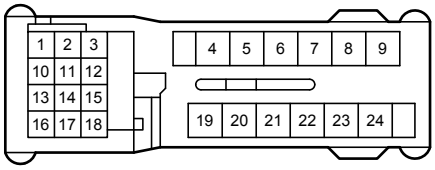

z 54
Black



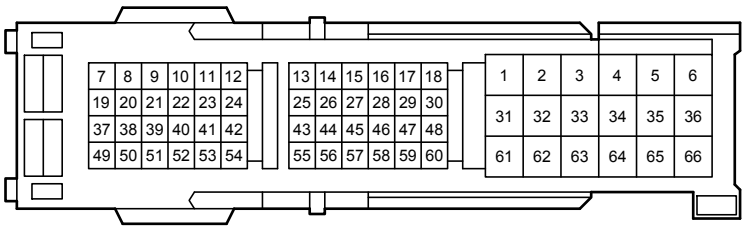
2B
White



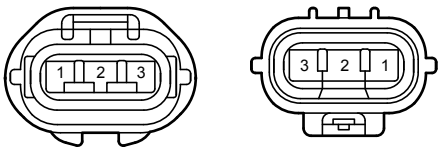

2C
White



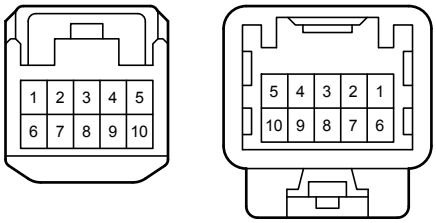

2D
White



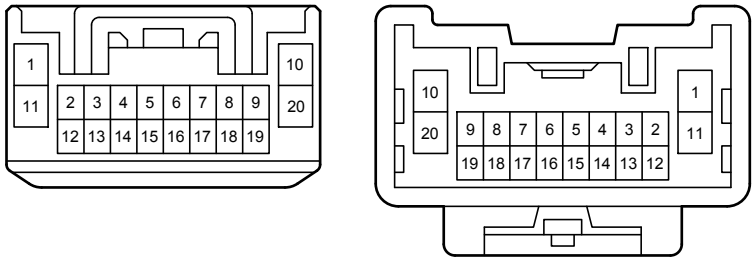

AD2
Black



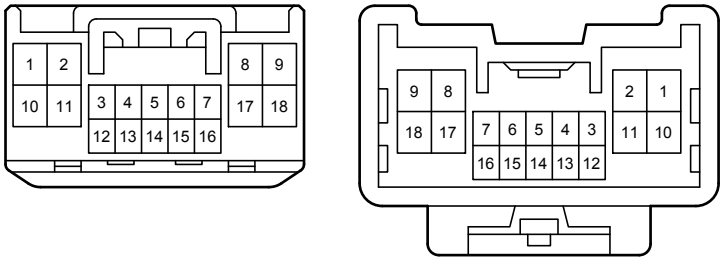

AE3
Gray




AK1
Blue

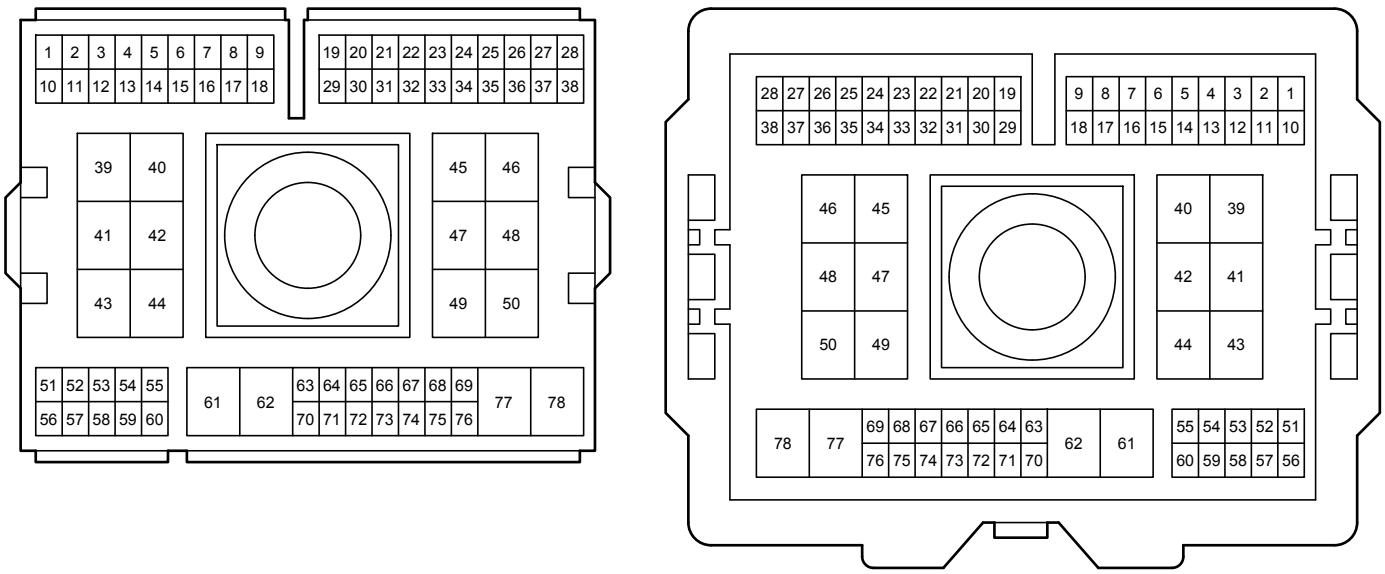



CA1
White



EA1

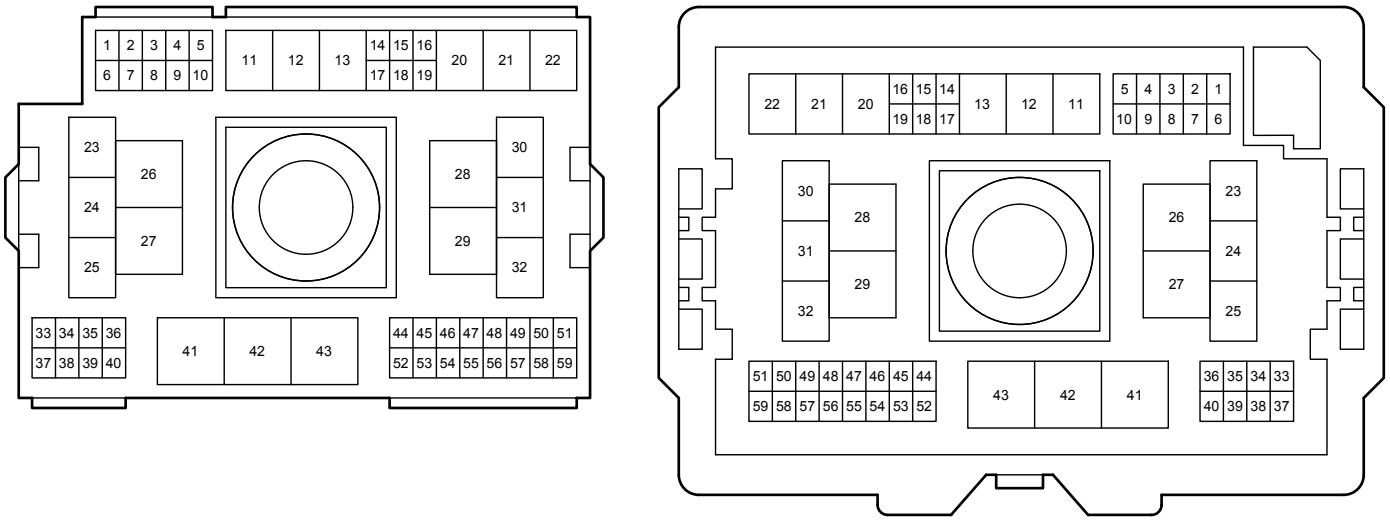
White



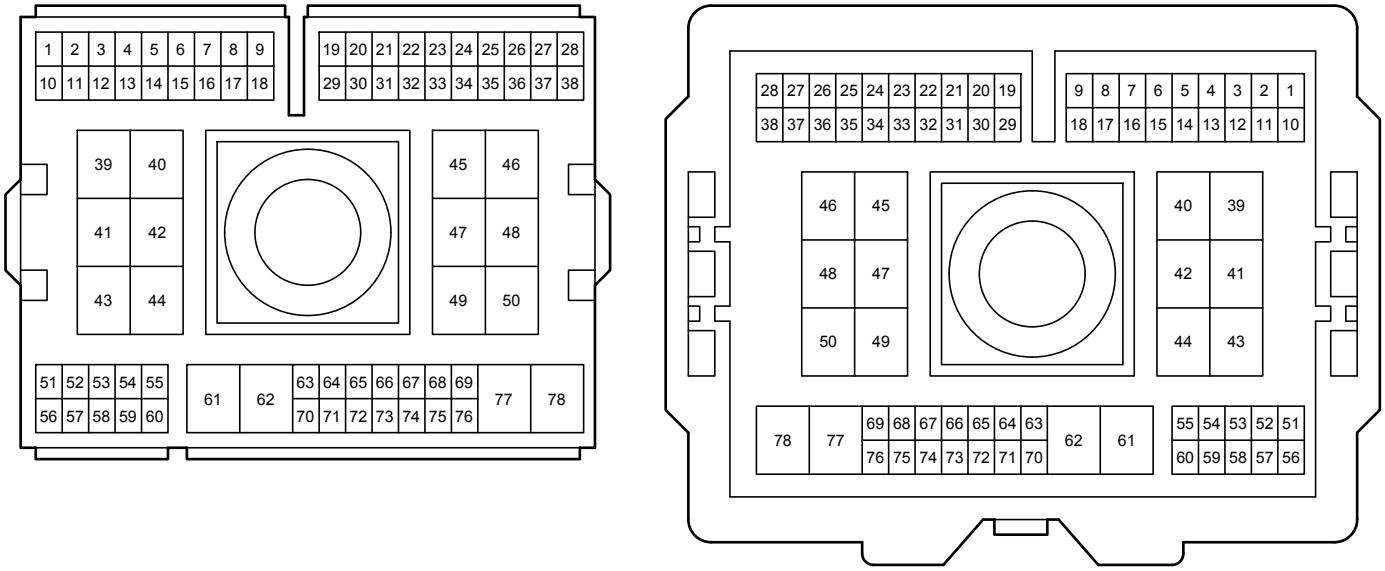

EA2

White

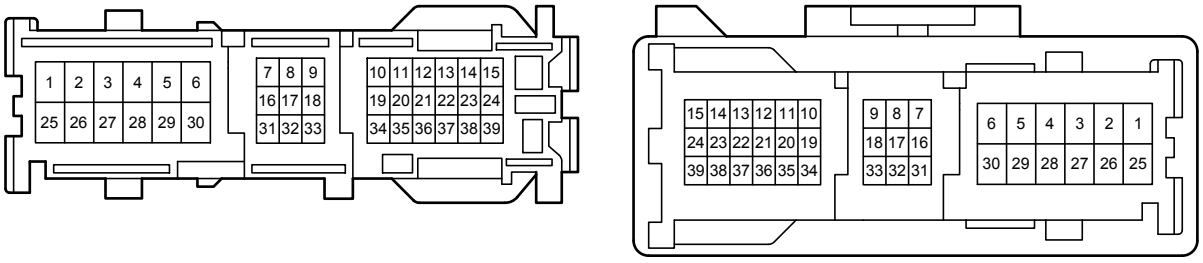
Gray



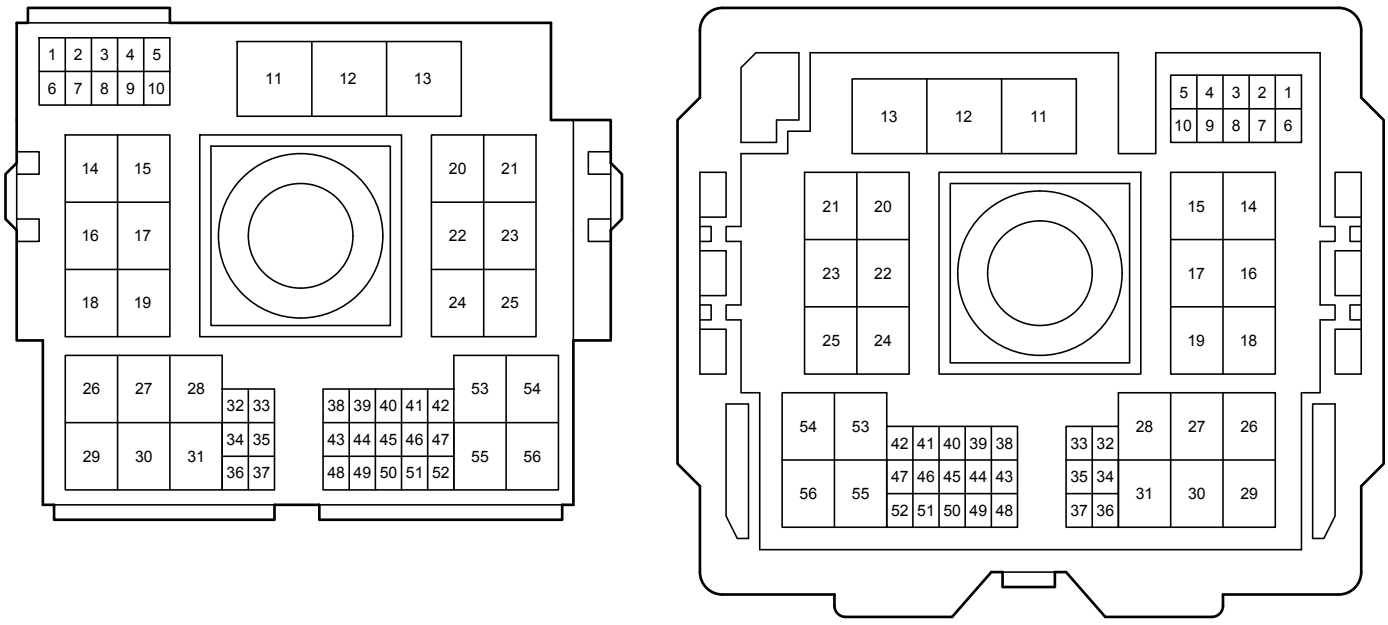
EA3
White



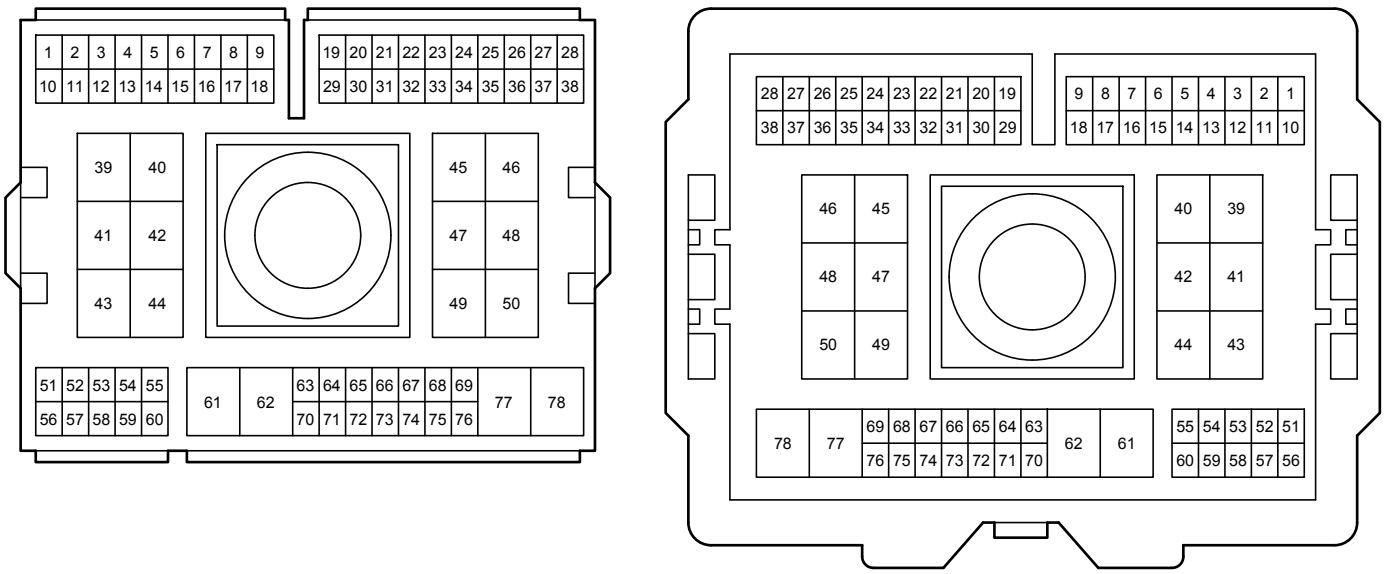

EA4
White



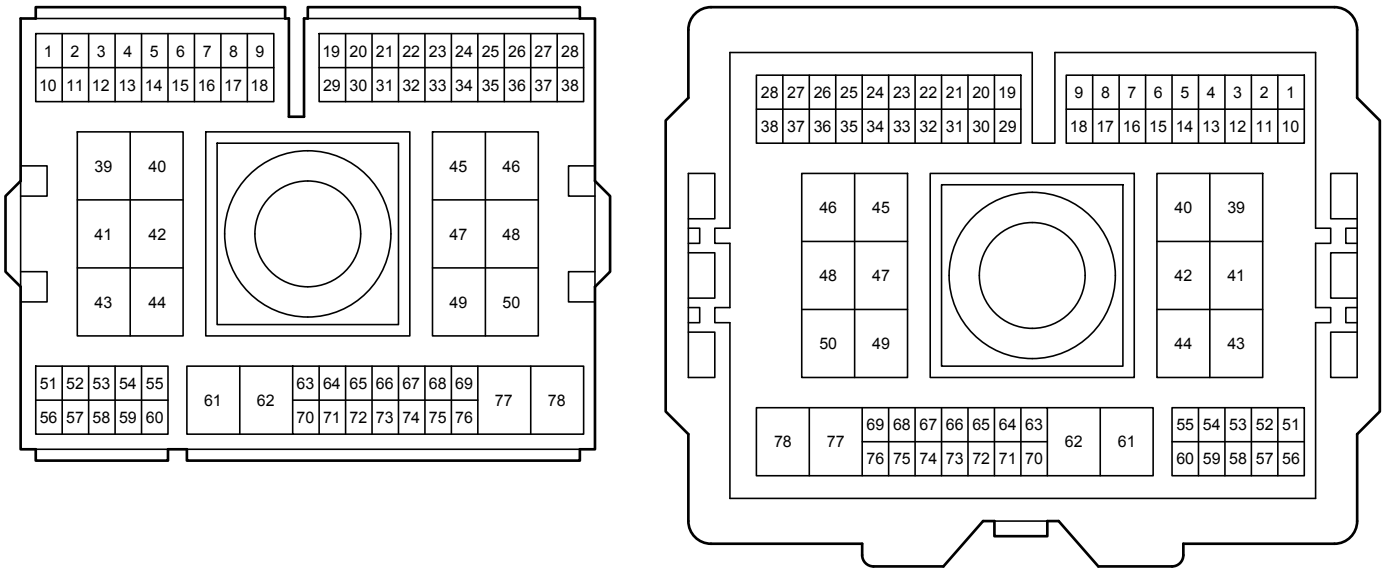

EK1
White
Blue



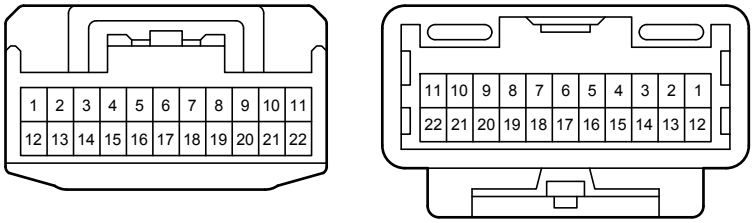
EK2
White



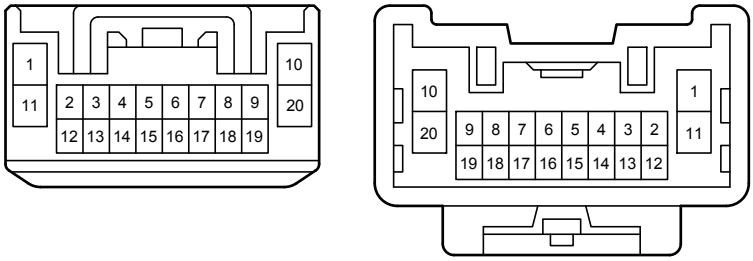

EL1
White



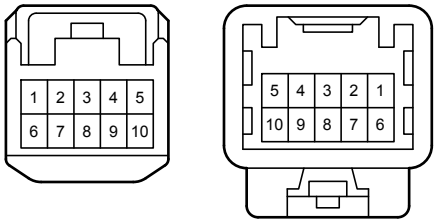

FE3
White



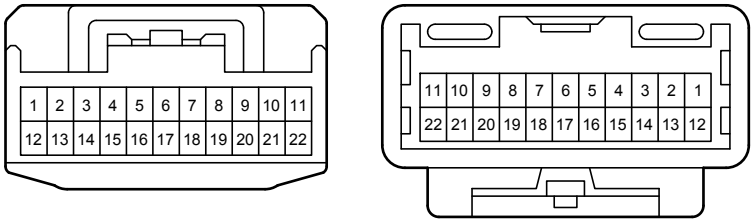
FE4
White



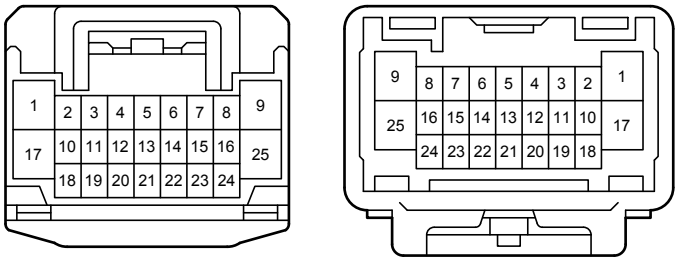

FE6
White



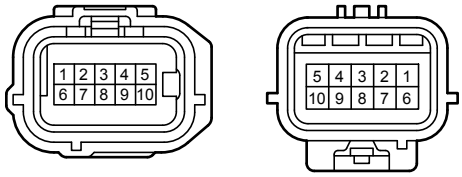

FL2
Blue



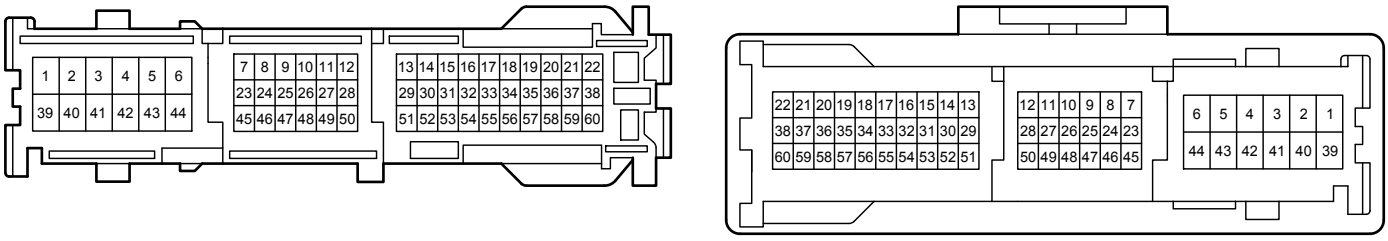

KL1
White

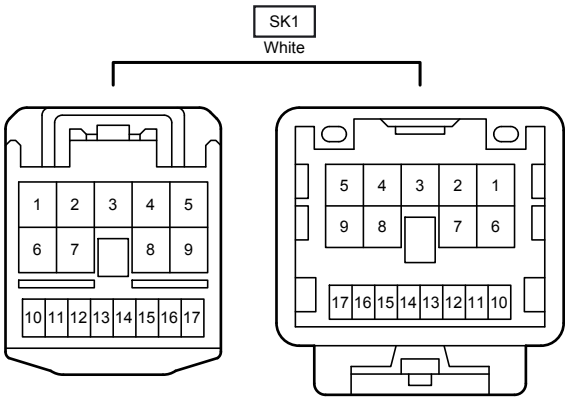


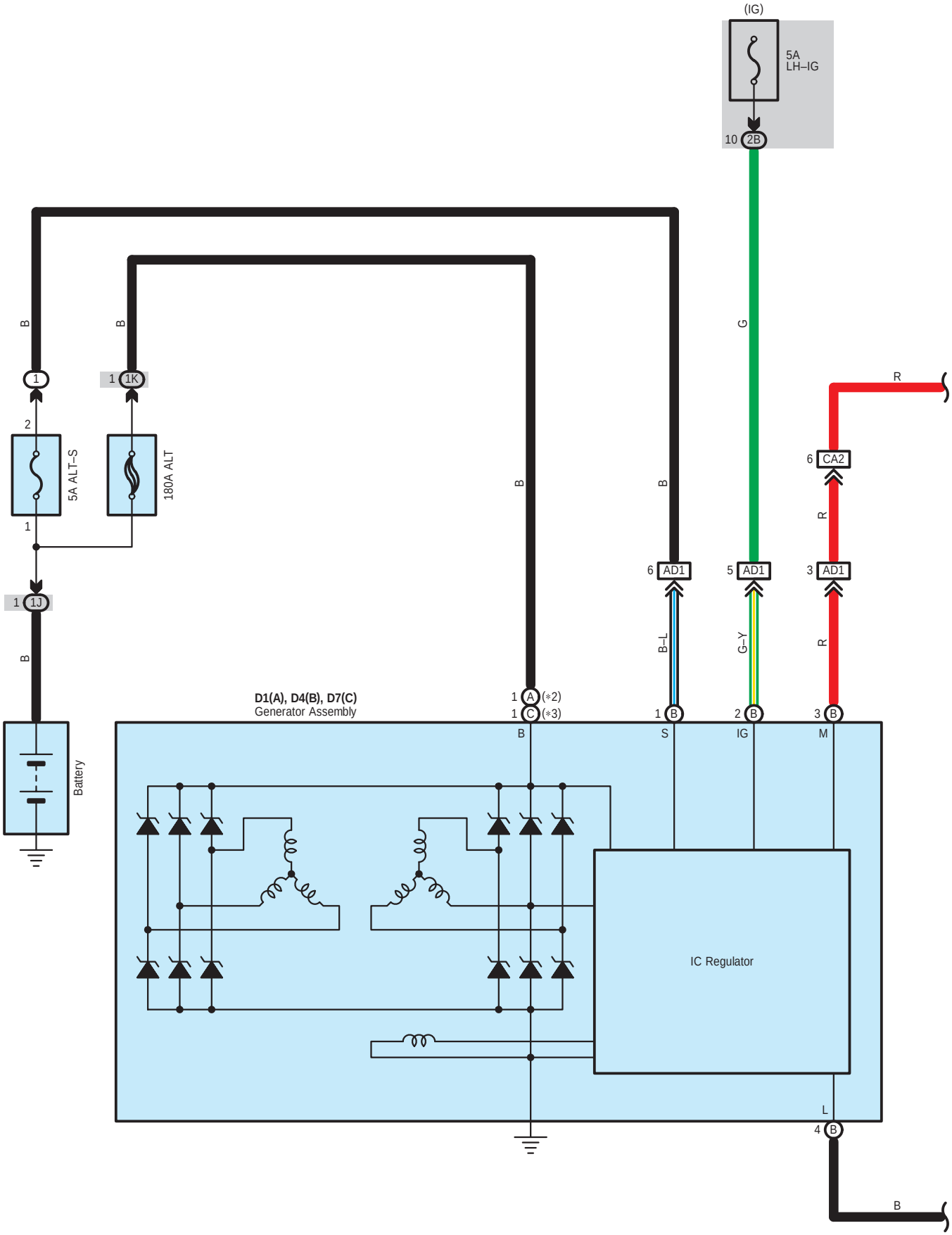

MK1
White



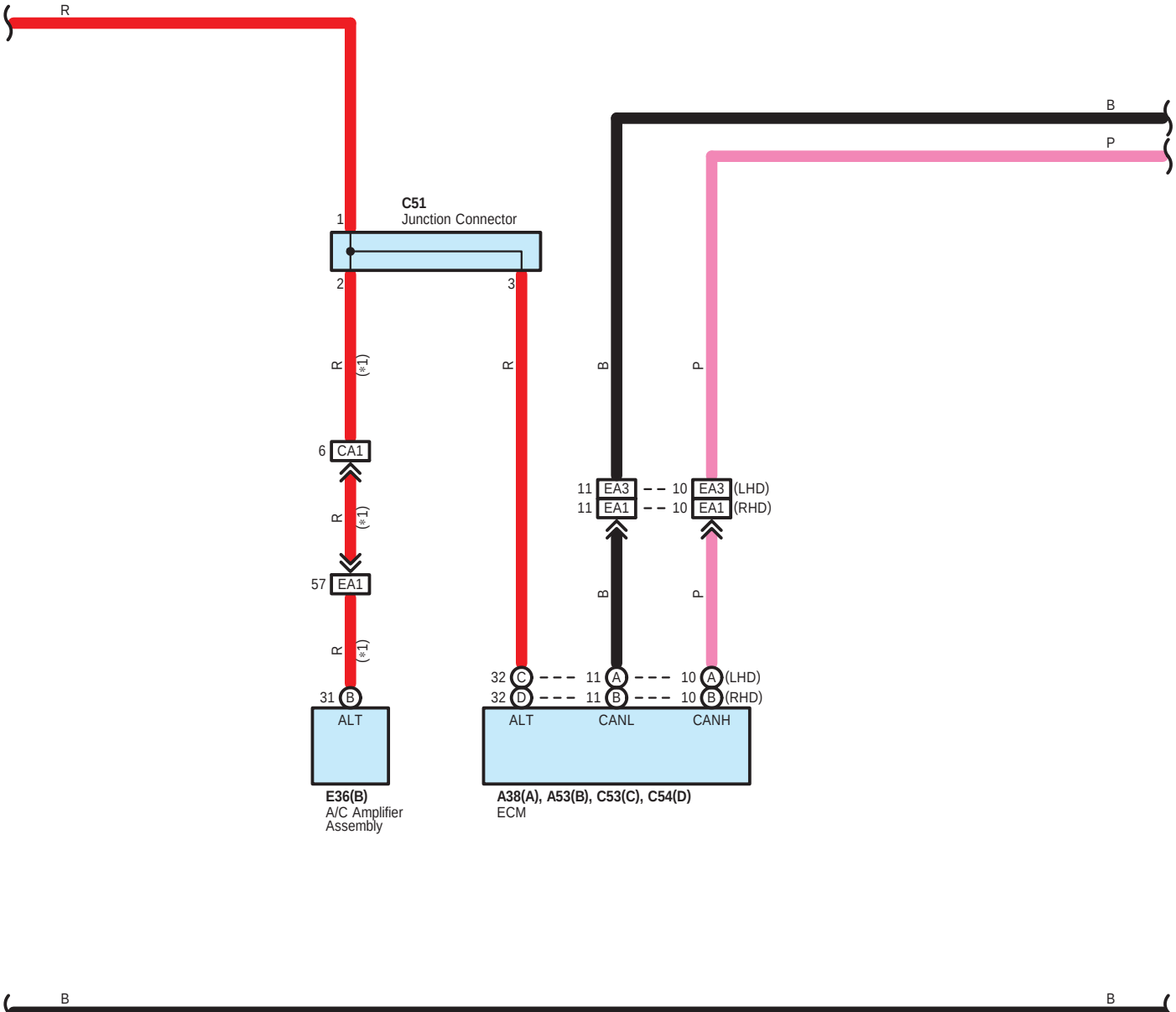

NK1
White



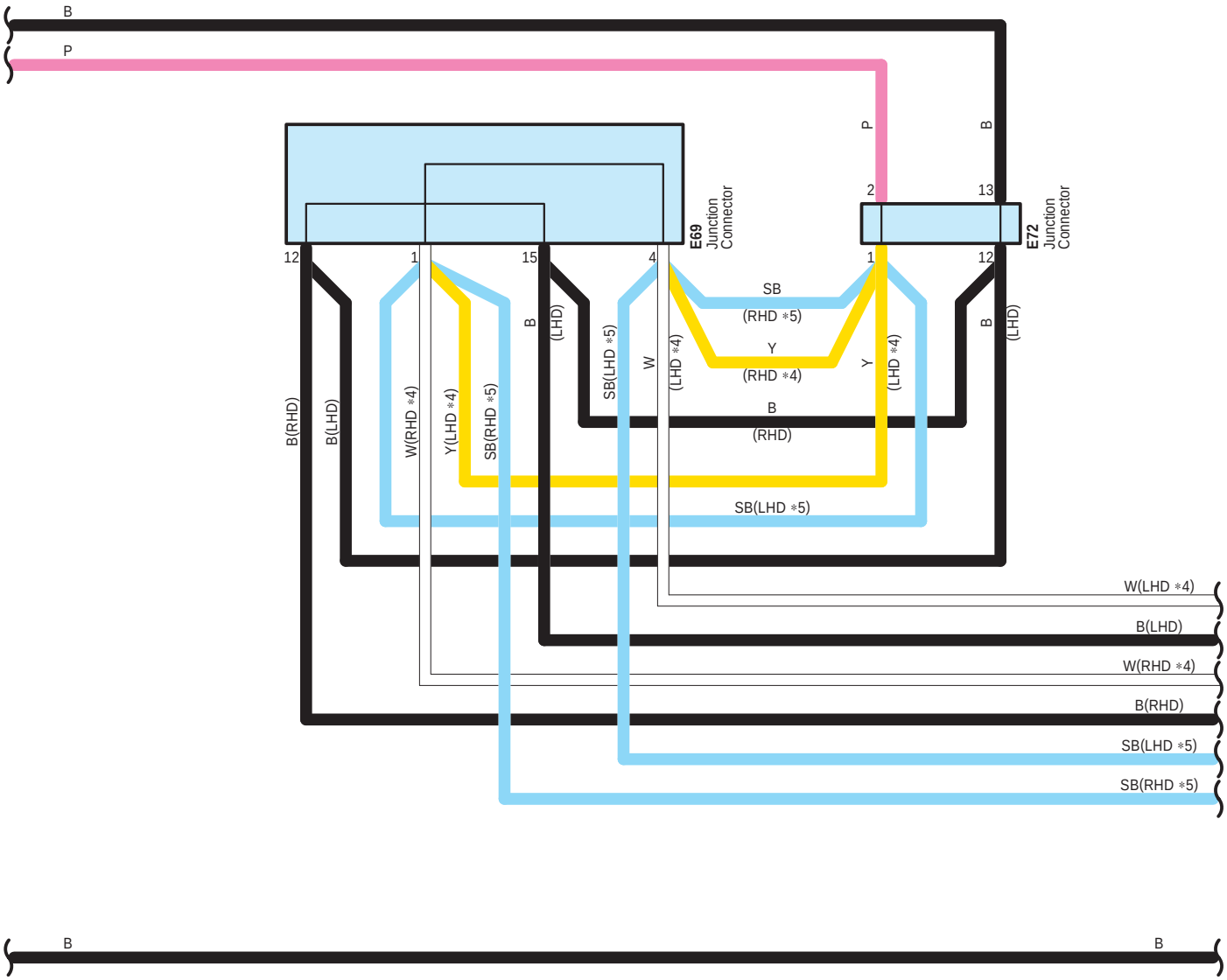

SK1
White
1 2 3 4 5
6 7 8 9
10 11 12 13 14 15 16 17
5 4 3 2 1
9 8 7 6
17 16 15 14 13 12 11 10

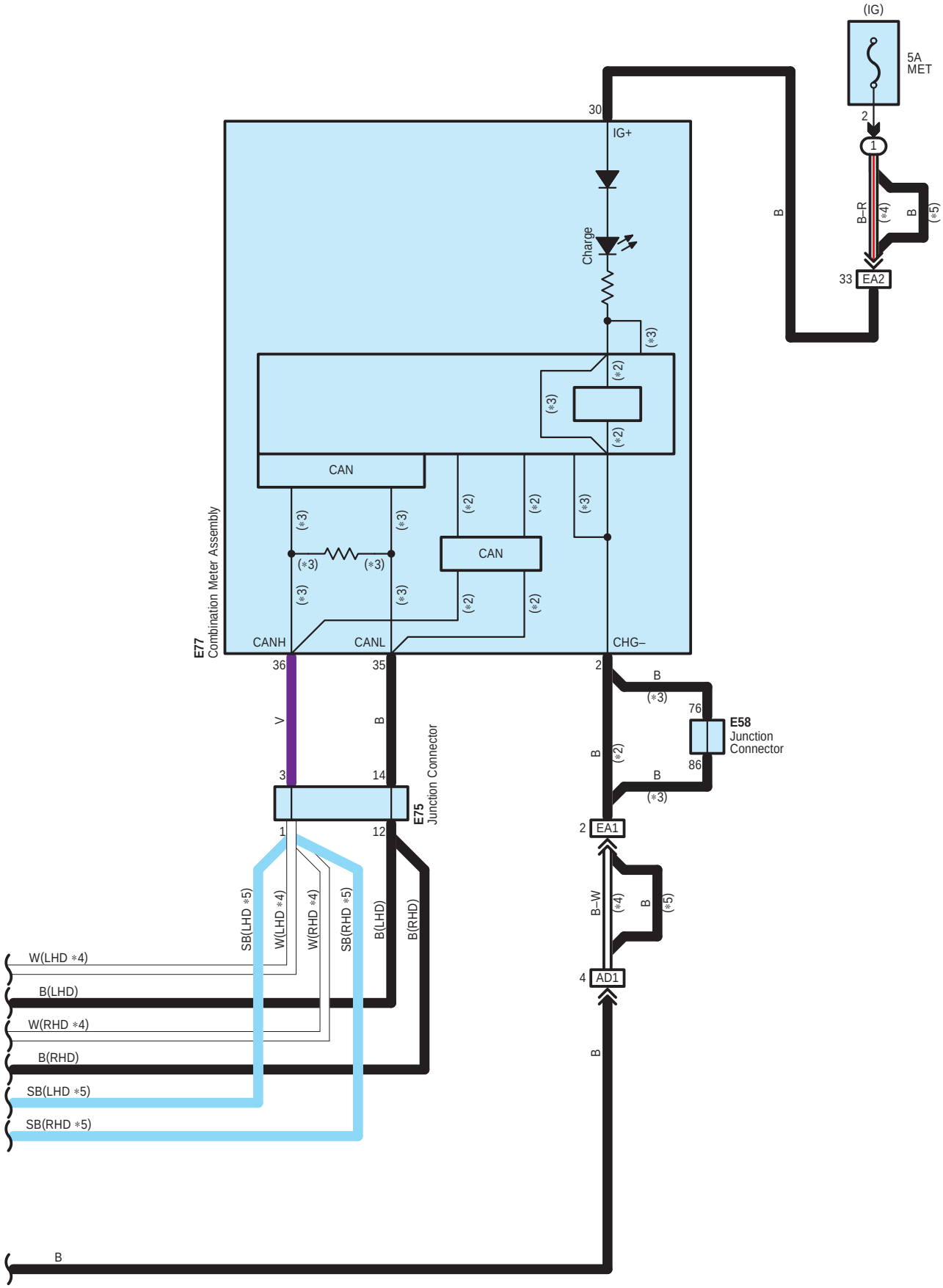

(IG)
5A
LH–IG
10 2B
G
R
B
1
1K
2
5A ALT–S
180A ALT
1
1J
Battery
6 CA2
R
6 AD1
5 AD1
3 AD1
B–L
G–Y
R
D1(A), D4(B), D7(C)
Generator Assembly
1 A (*2)
1 C (*3)
1 B
2 B
3 B
B
S
IG
M
IC Regulator
L
4 B
B

* 1 : w/ PTC Heater
* 2 : Before Jan. 2012 Production
* 3 : From Jan. 2012 Production

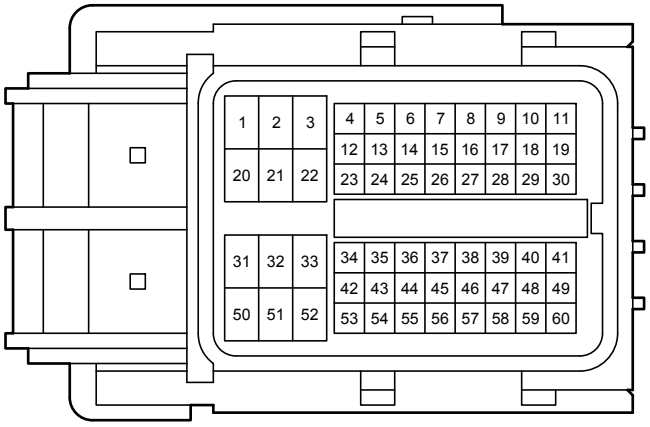


* 2 : Before Jan. 2012 Production
* 3 : From Jan. 2012 Production
* 4 : Before Jan. 2013 Production
* 5 : From Jan. 2013 Production

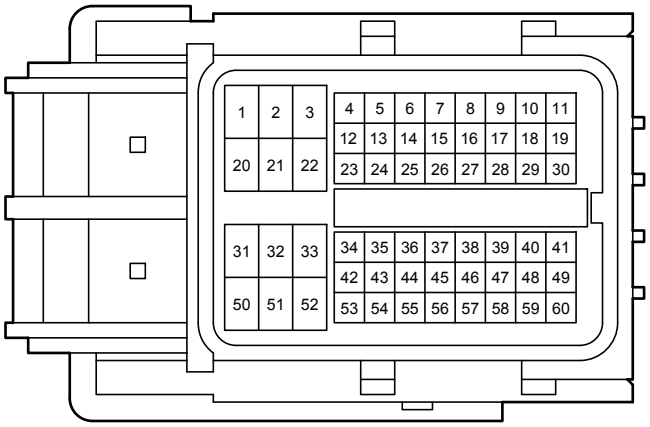



(IG)
5A
MET
2
1
B–R
(*4)
B
(*5)
33
EA2
B
30
IG+
Charge
(*3)
(*2)
(*3)
(*2)
CAN
(*3)
(*3)
(*2)
(*2)
(*3)
CAN
(*3)
(*3)
(*2)
(*2)
E77
Combination Meter Assembly
CANH
CANL
CHG–
36
35
2
V
B
B
(*3)
76
E58
Junction
Connector
86
B
(*2)
B
(*3)
3
14
E75
Junction Connector
1
12
2
EA1
B–W
(*4)
B
(*5)
4
AD1
B
SB(LHD *5)
W(LHD *4)
W(RHD *4)
SB(RHD *5)
B(LHD)
B(RHD)
W(LHD *4)
B(LHD)
W(RHD *4)
B(RHD)
SB(LHD *5)
SB(RHD *5)
B

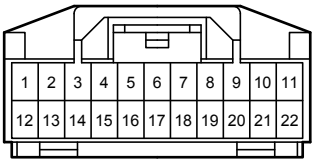
A 38
Black



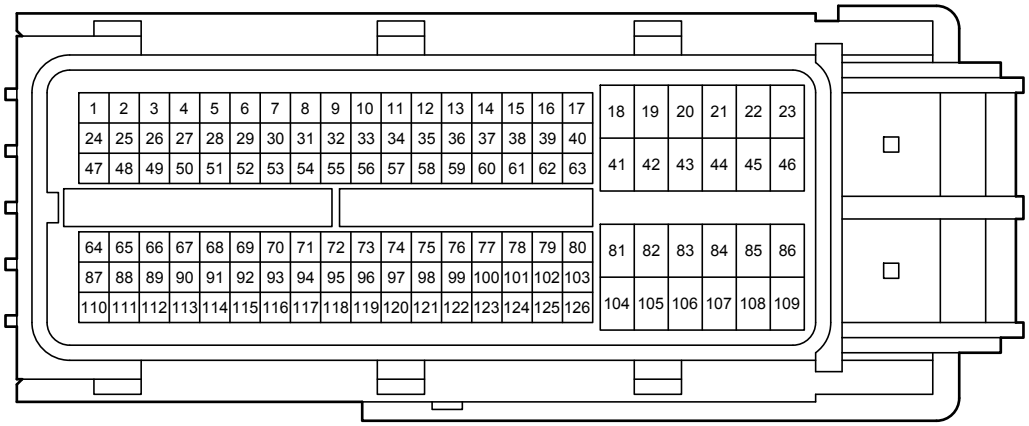

A 53
Black



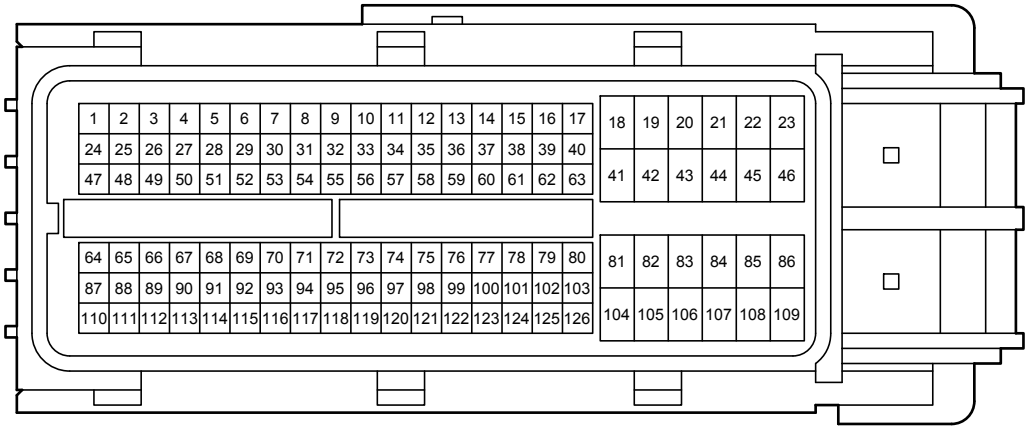

C 51
White



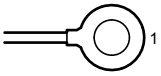

C 53
Black



C 54
Black



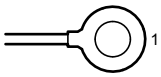

D 1



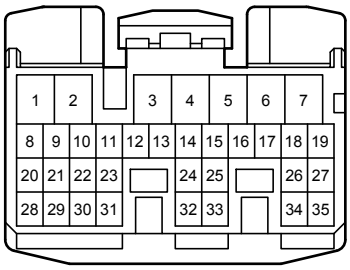

D 4
Black



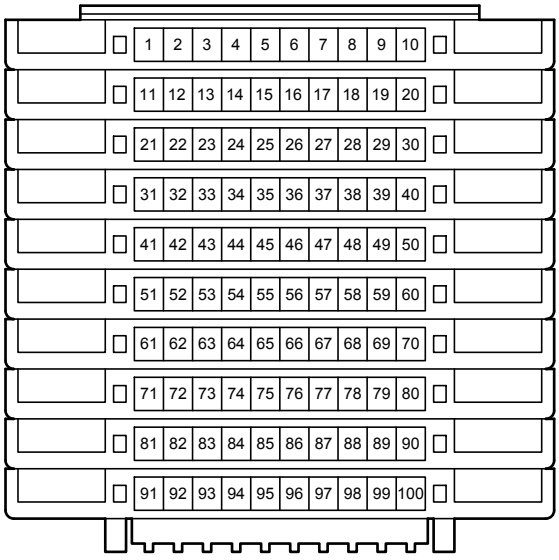

D 7



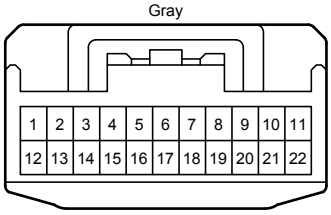

E 36
White



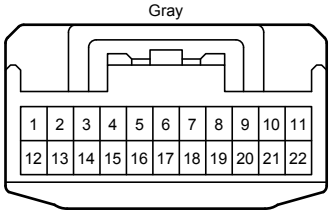

E 58
White



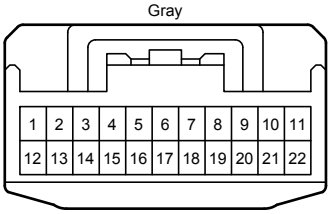

E 69
Gray



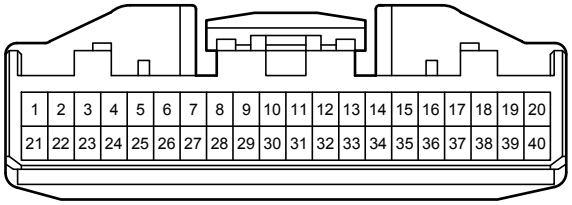

E 72
Gray



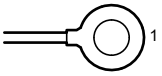

E 75
Gray



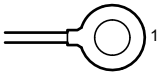
E 77
White



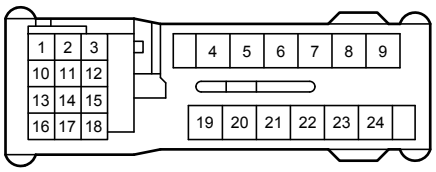

1J



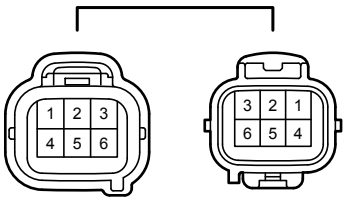

1K



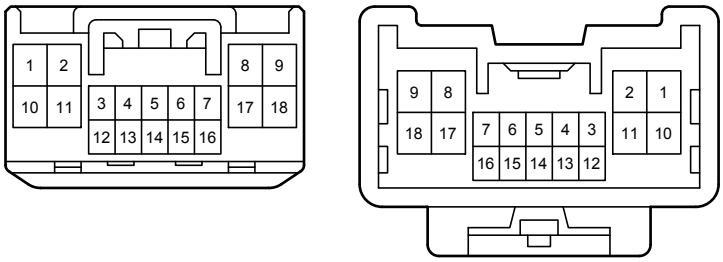

2B
White



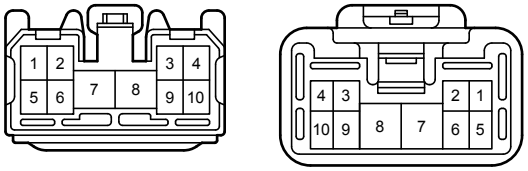

AD1
Black




CA1
White

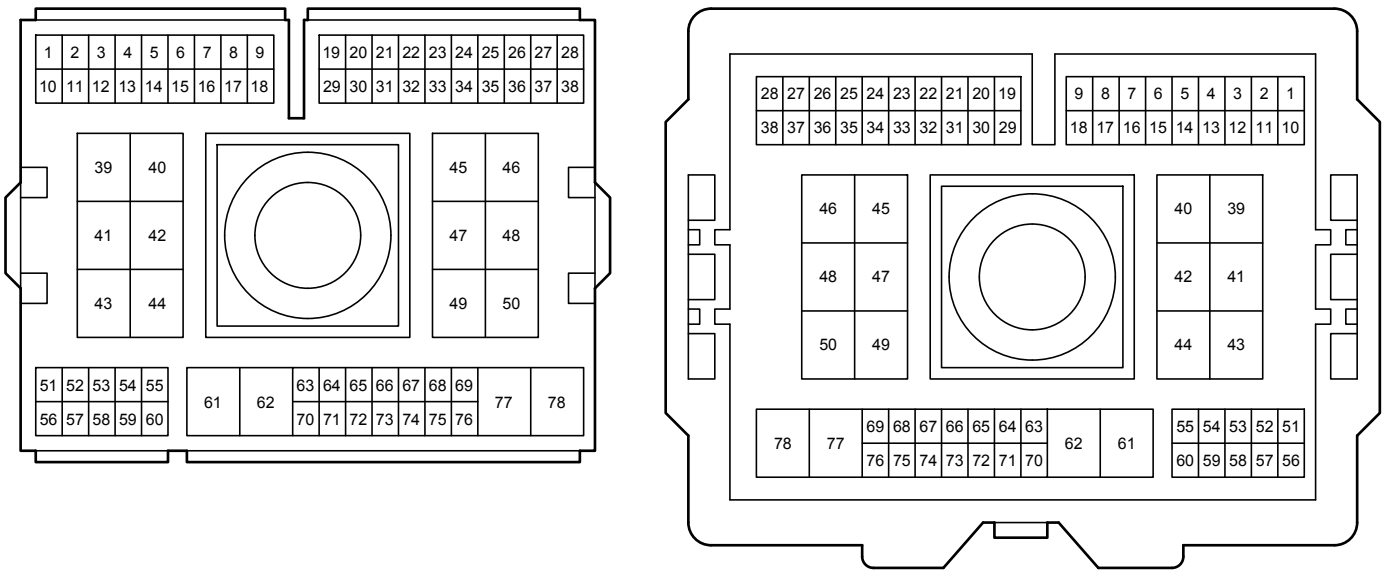



CA2
White



EA1

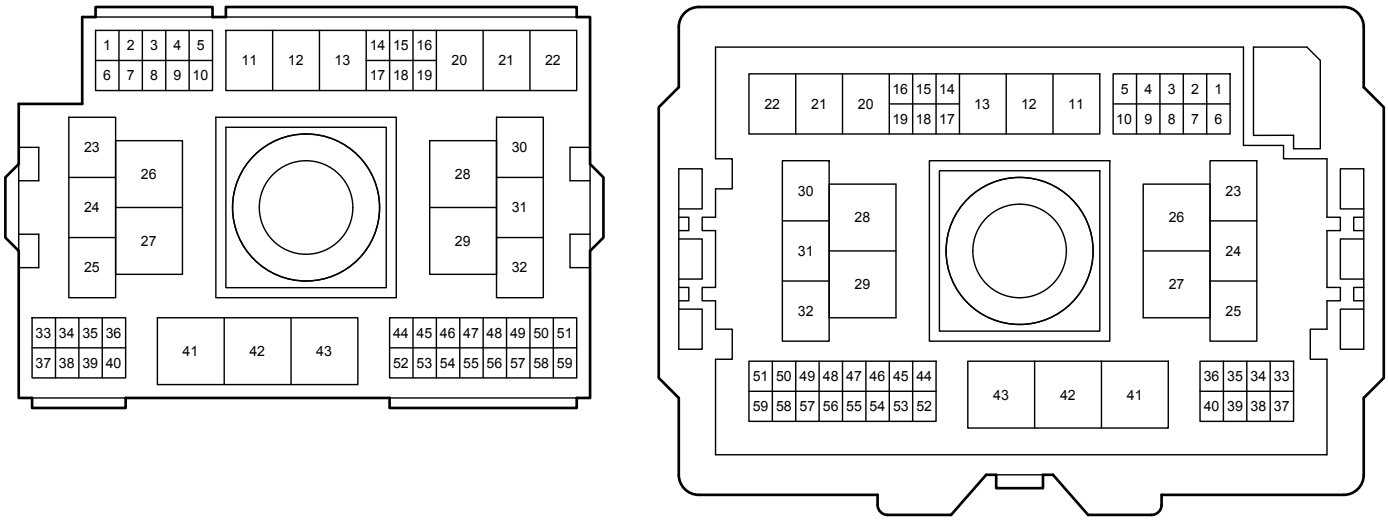
White

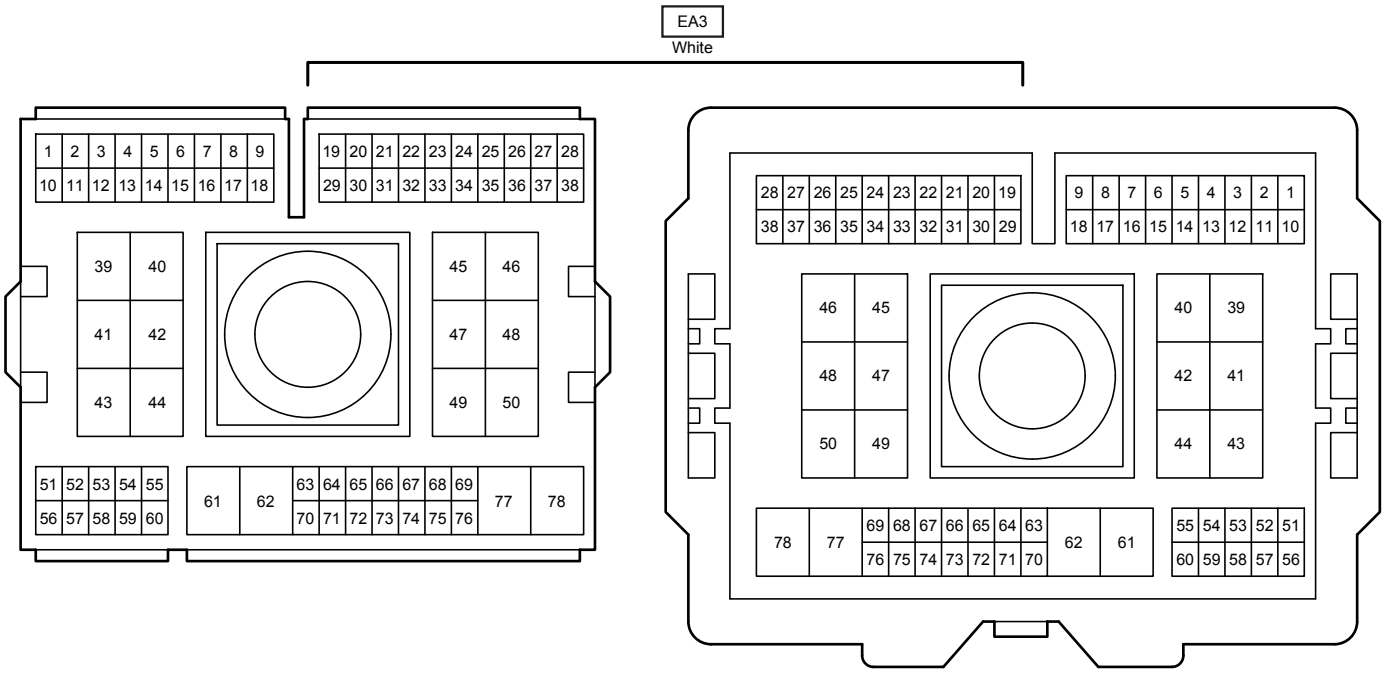


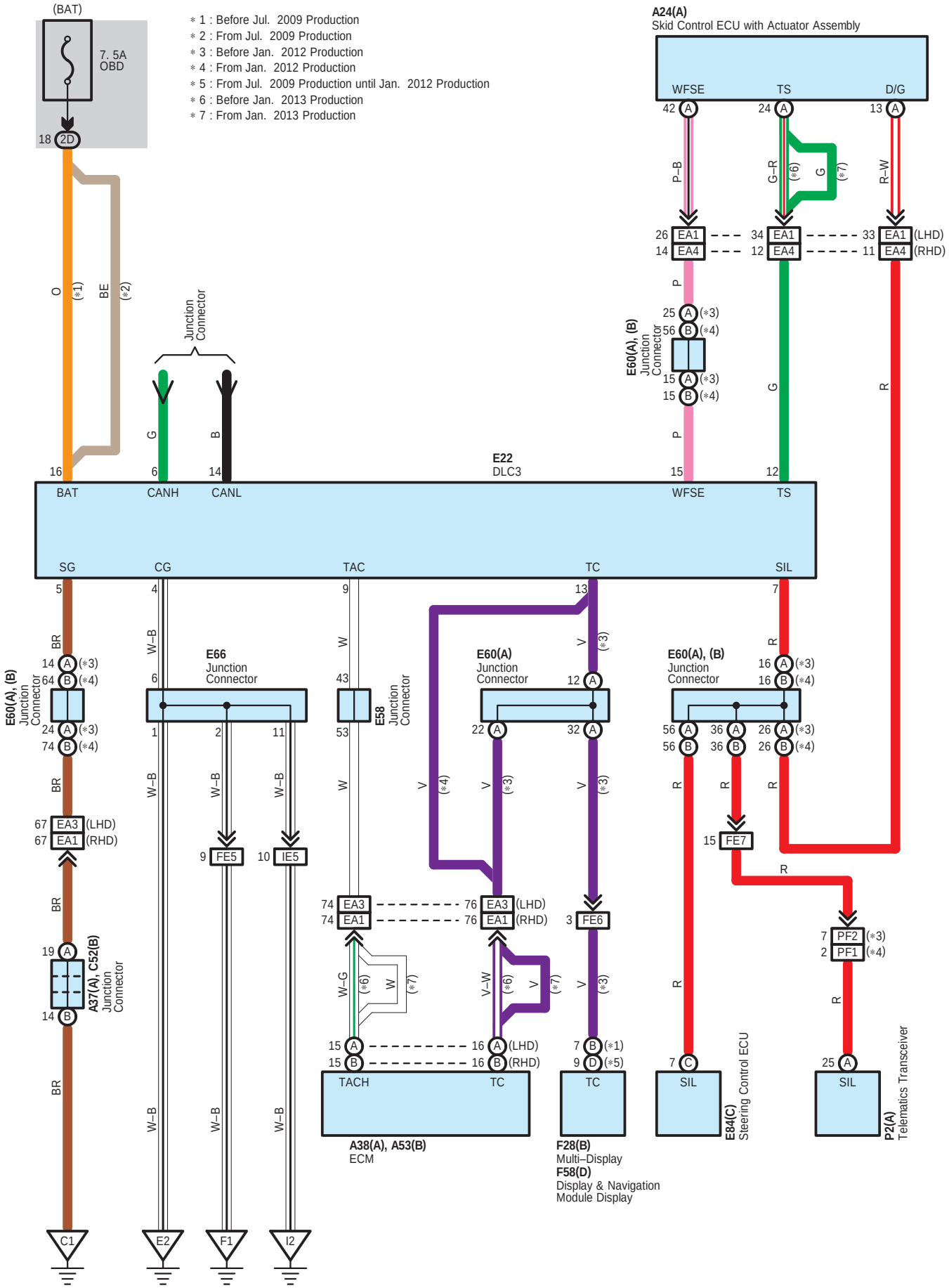

EA2

White

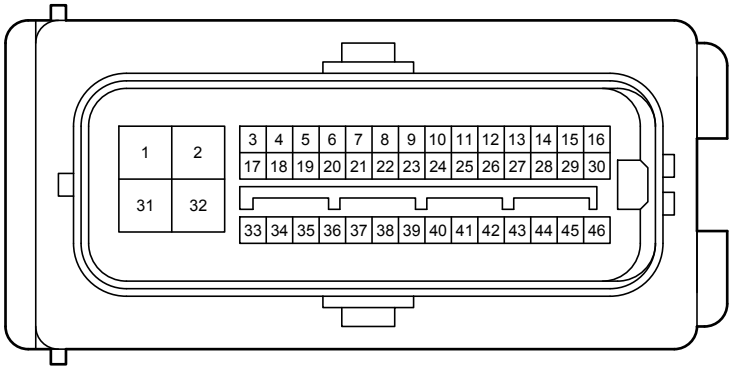
Gray



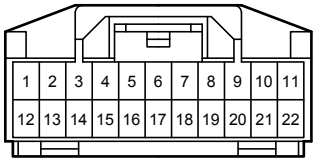

EA3
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7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


(BAT)
7. 5A
OBD
18 2D
＊1 : Before Jul. 2009 Production
＊2 : From Jul. 2009 Production
＊3 : Before Jan. 2012 Production
＊4 : From Jan. 2012 Production
＊5 : From Jul. 2009 Production until Jan. 2012 Production
＊6 : Before Jan. 2013 Production
＊7 : From Jan. 2013 Production
A24(A)
Skid Control ECU with Actuator Assembly
WFSE
TS
D/G
42 A
24 A
13 A
P–B
G–R
G
R–W
26 EA1
14 EA4
34 EA1
12 EA4
33 EA1 (LHD)
11 EA4 (RHD)
E60(A), (B)
Junction Connector
25 A (＊3)
56 B (＊4)
15 A (＊3)
15 B (＊4)
O
BE
Junction Connector
G
B
16
6
14
E22
DLC3
15
12
BAT
CANH
CANL
WFSE
TS
SG
CG
TAC
TC
SIL
5
4
9
13
7
BR
W–B
W
V
R
E60(A), (B)
Junction Connector
14 A (＊3)
64 B (＊4)
E66
Junction Connector
E58
Junction Connector
E60(A)
Junction Connector
12 A
E60(A), (B)
Junction Connector
16 A (＊3)
16 B (＊4)
24 A (＊3)
74 B (＊4)
6
43
22 A
32 A
56 A
56 B
36 A
36 B
26 A (＊3)
26 B (＊4)
1
2
11
53
67 EA3 (LHD)
67 EA1 (RHD)
9 FE5
10 IE5
74 EA3
74 EA1
76 EA3 (LHD)
76 EA1 (RHD)
3 FE6
15 FE7
19 A
14 B
A37(A), C52(B)
Junction Connector
W–G
W
V–W
V
15 A
15 B
16 A (LHD)
16 B (RHD)
7 B (＊1)
9 D (＊5)
7 C
7 PF2 (＊3)
2 PF1 (＊4)
25 A
TACH
TC
TC
SIL
SIL
A38(A), A53(B)
ECM
F28(B)
Multi–Display
F58(D)
Display & Navigation Module Display
E84(C)
Steering Control ECU
P2(A)
Telematics Transceiver
C1
E2
F1
I2

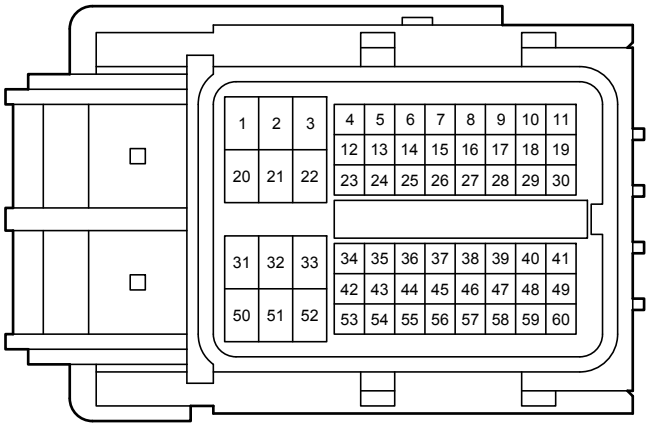
A 24
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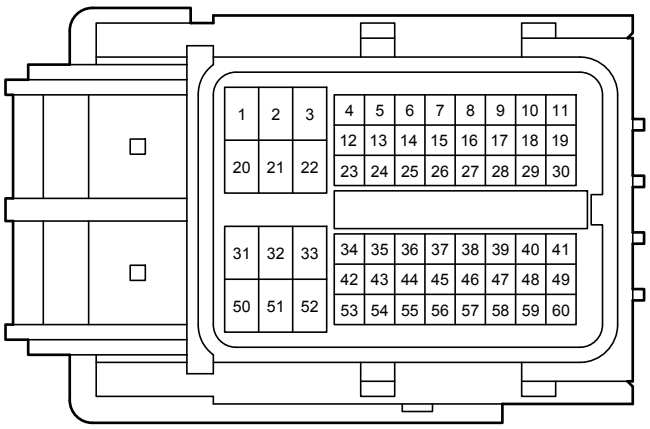

A 37
Blue



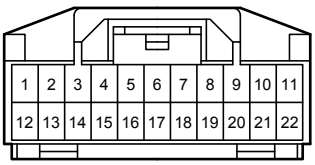

A 38
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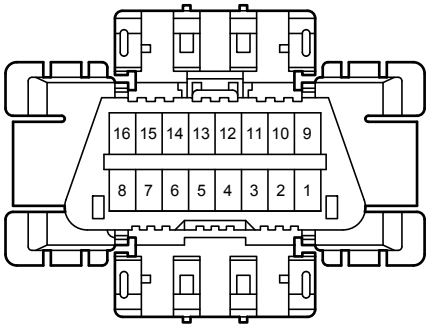

A 53
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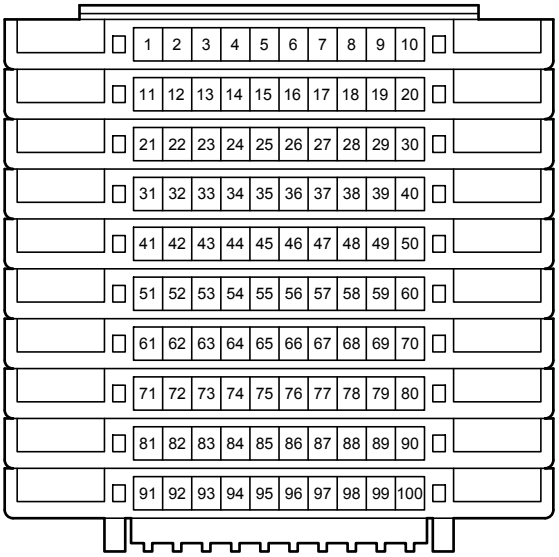

C 52
Blue



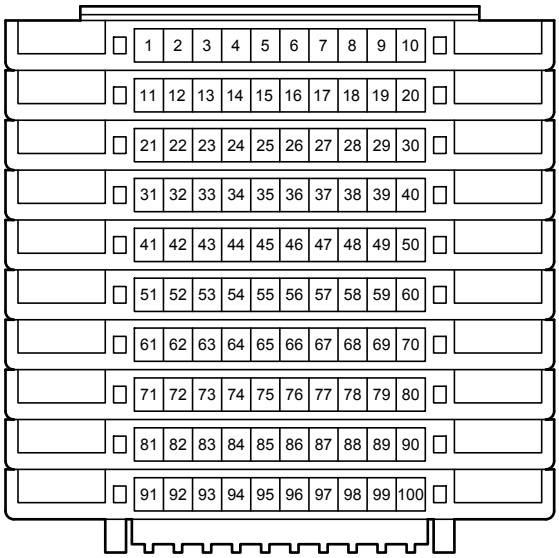
E 22
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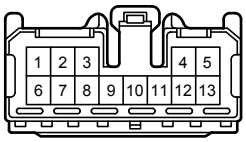

E 58
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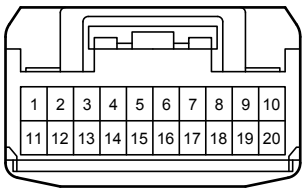

E 60
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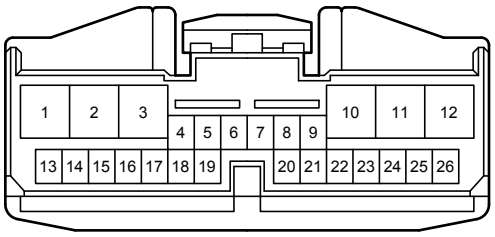

E 66
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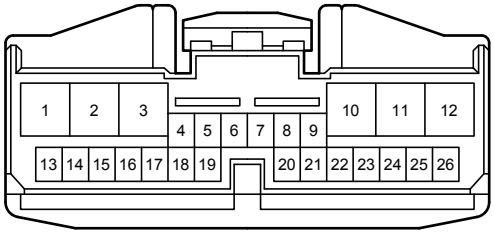

E 84
White



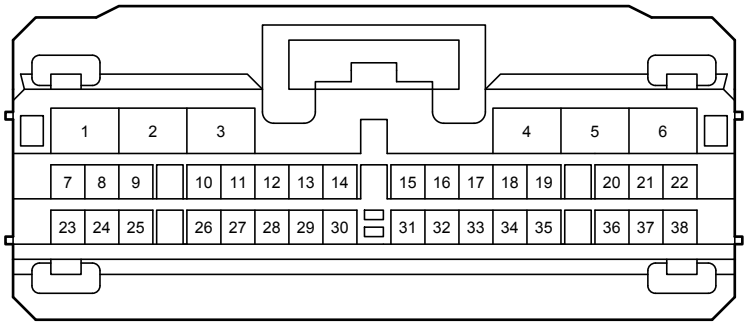

F 28
White



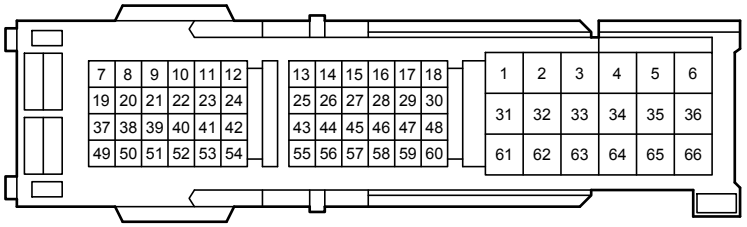
F 58
White



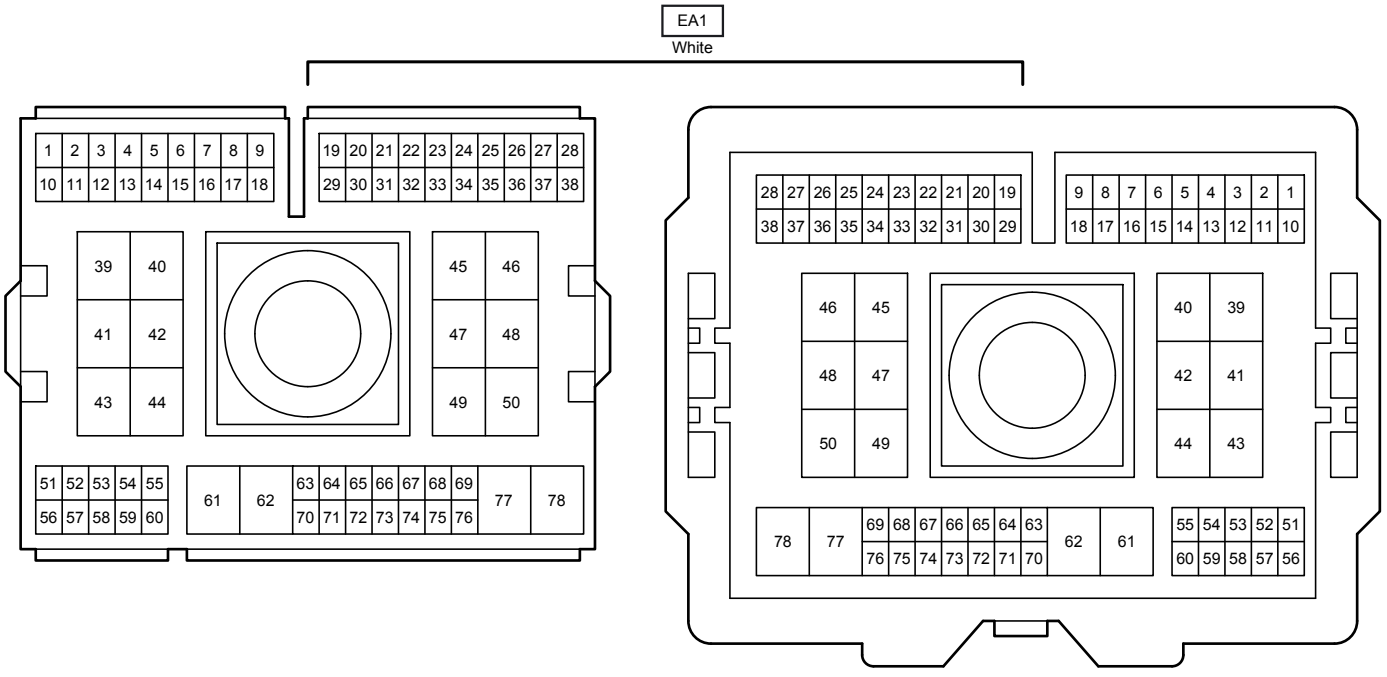

P 2
White



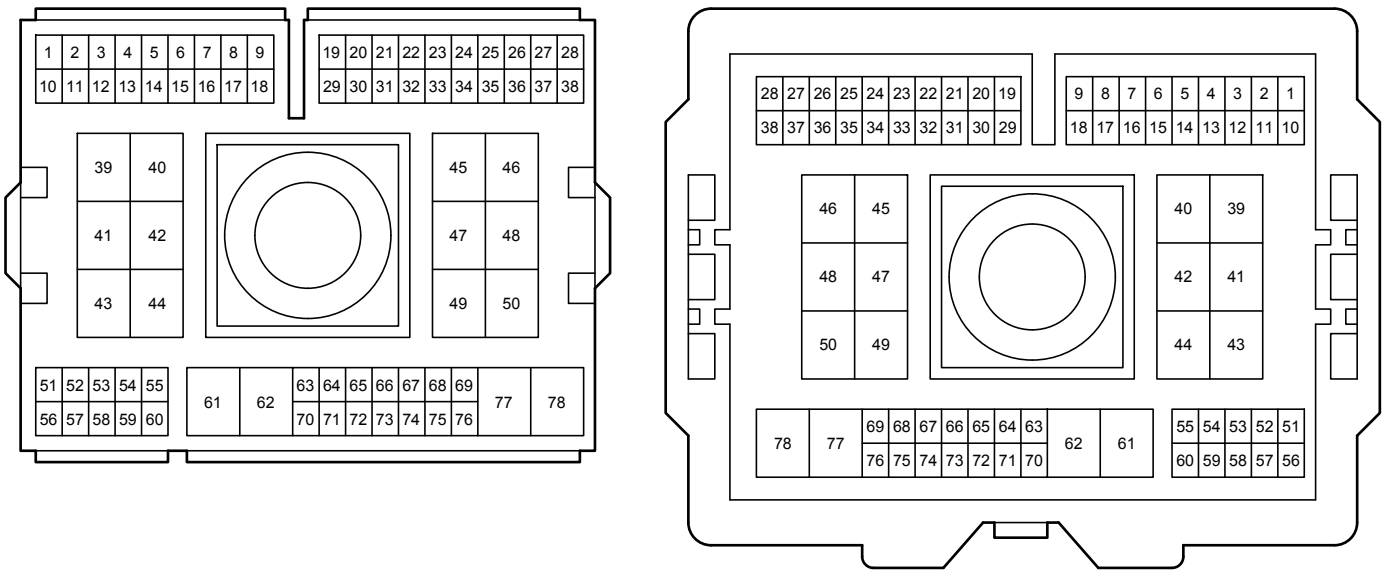

2D
White



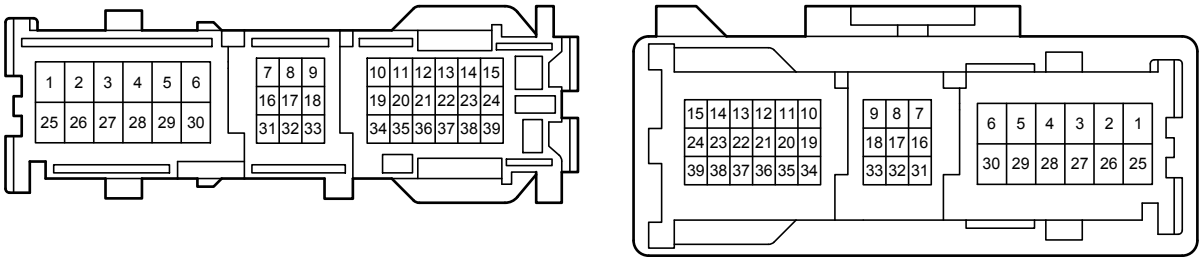

EA1
White



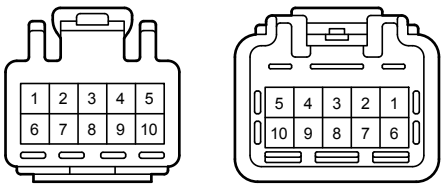
EA3
White



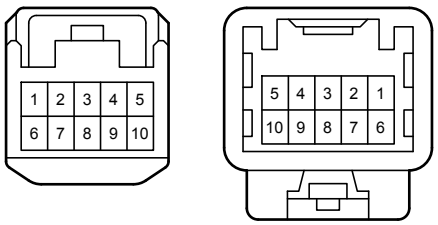

EA4
White



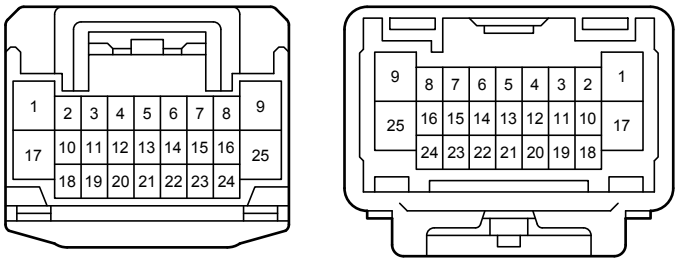

FE5
White

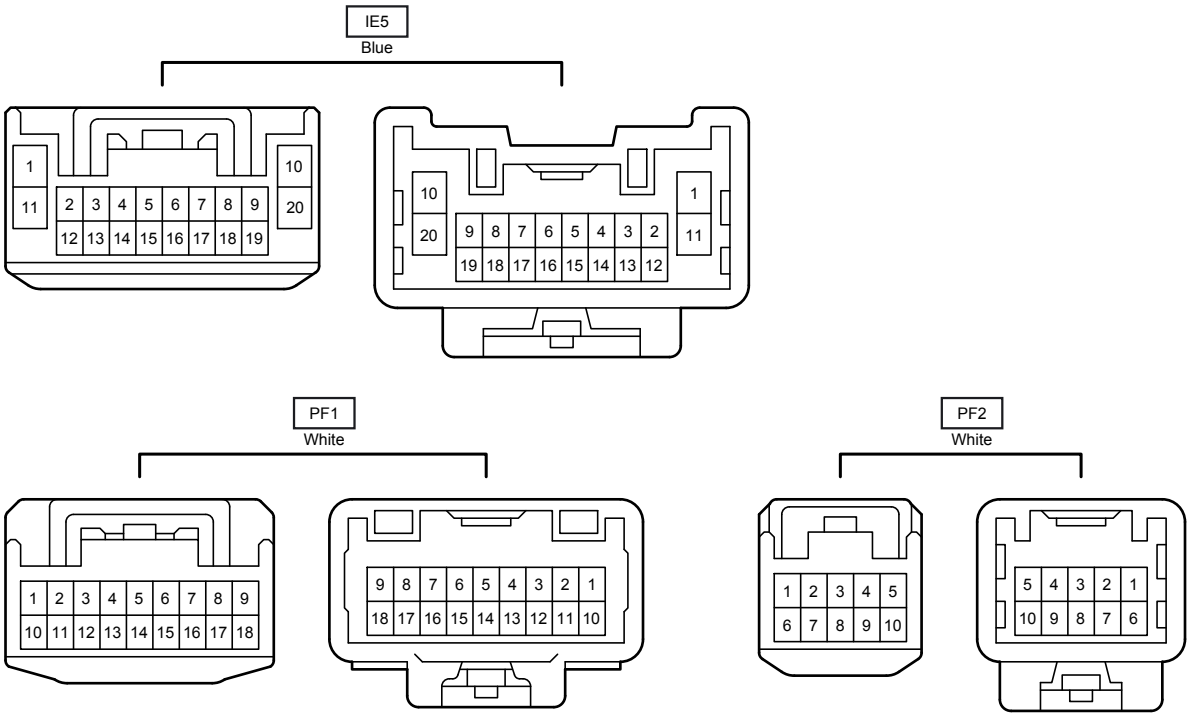


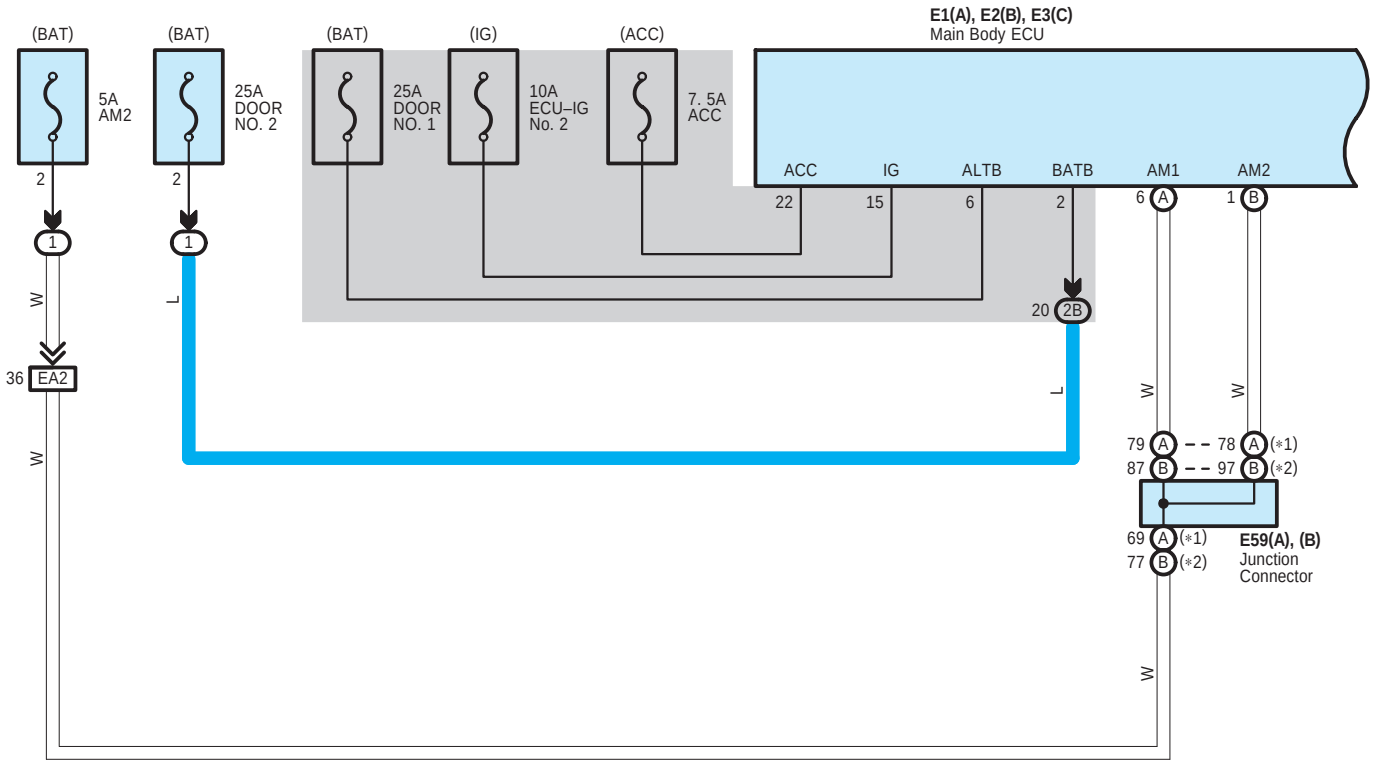

FE6
White



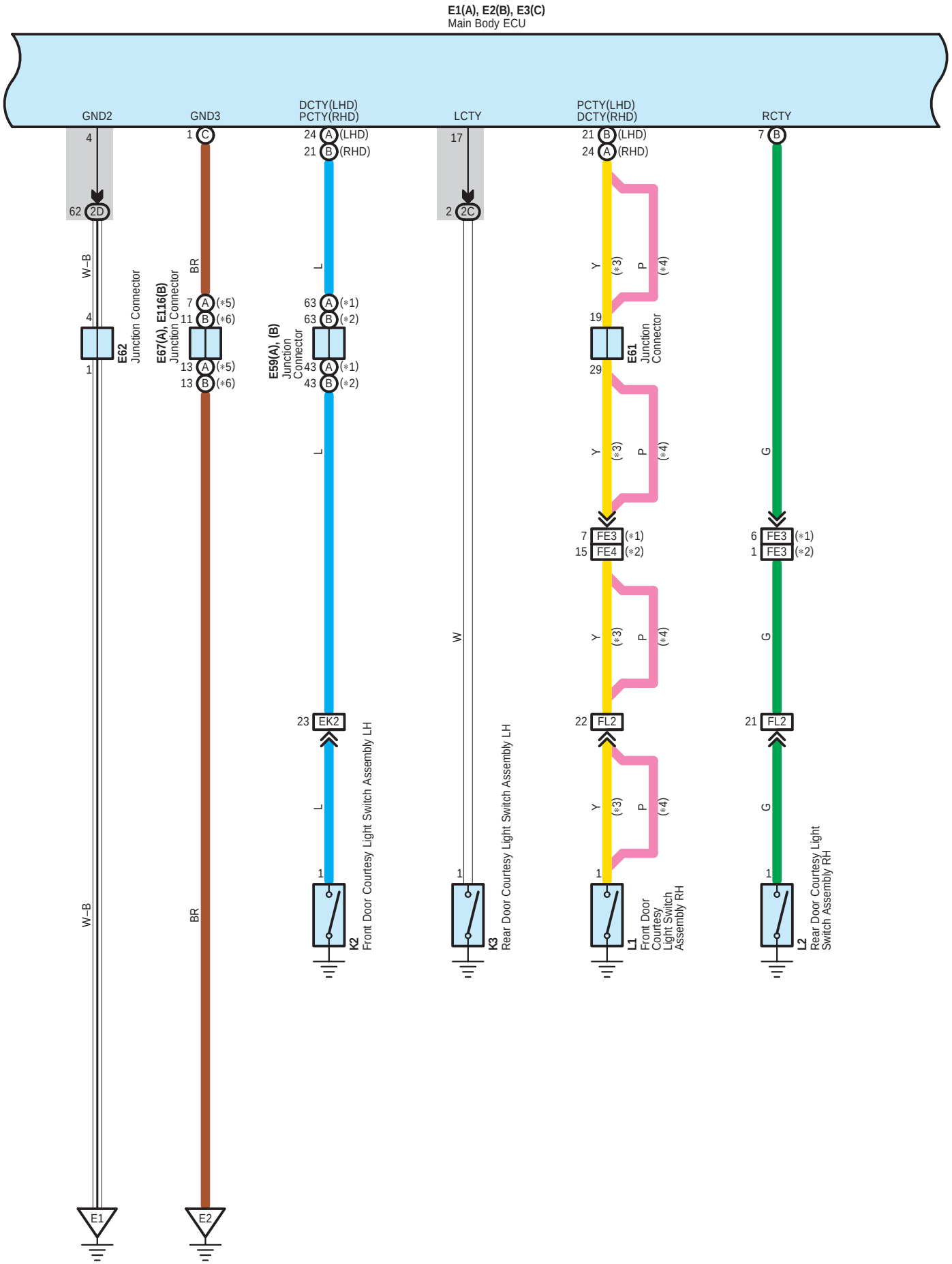

FE7
White

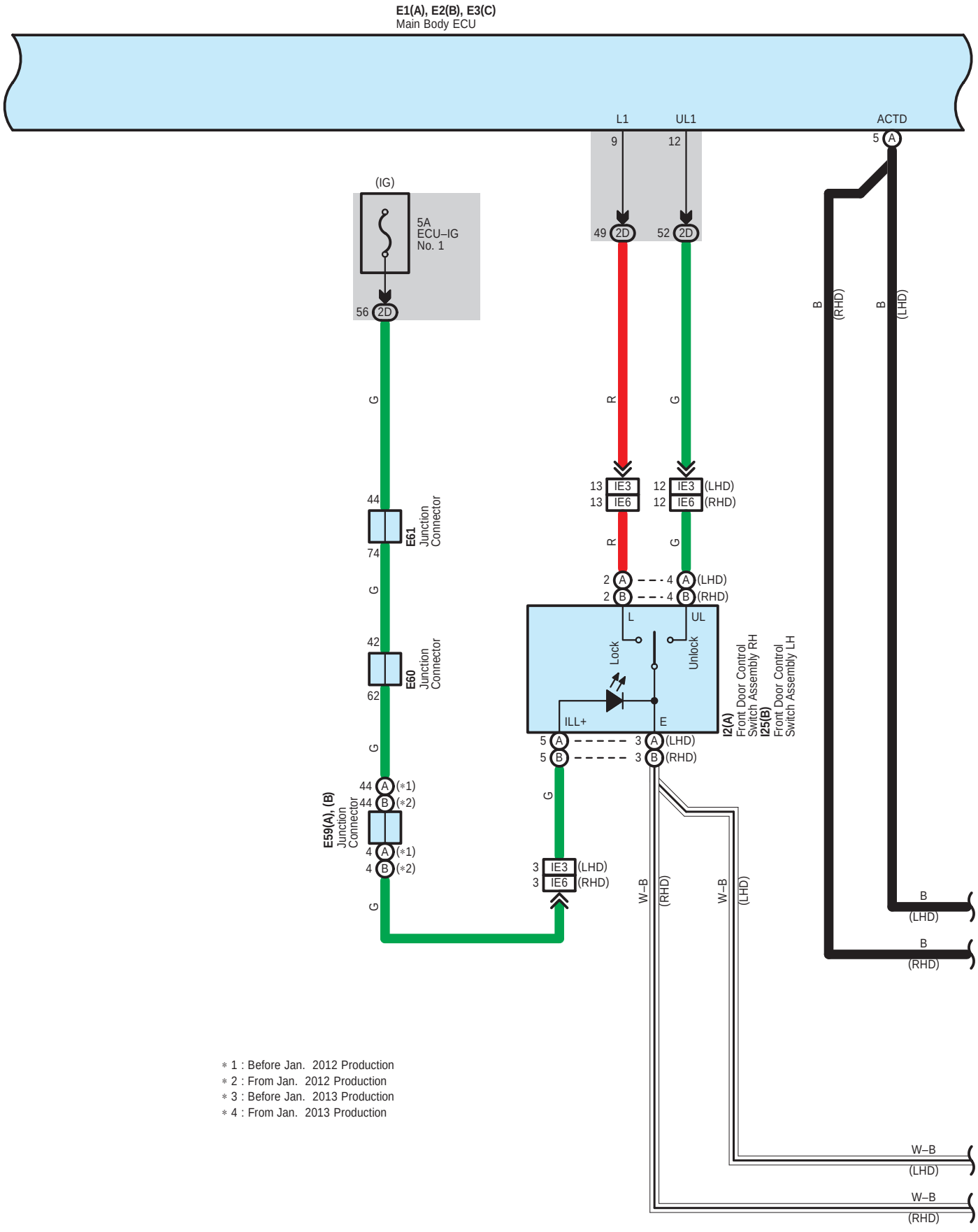



IE5
Blue
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11
PF1
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
PF2
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

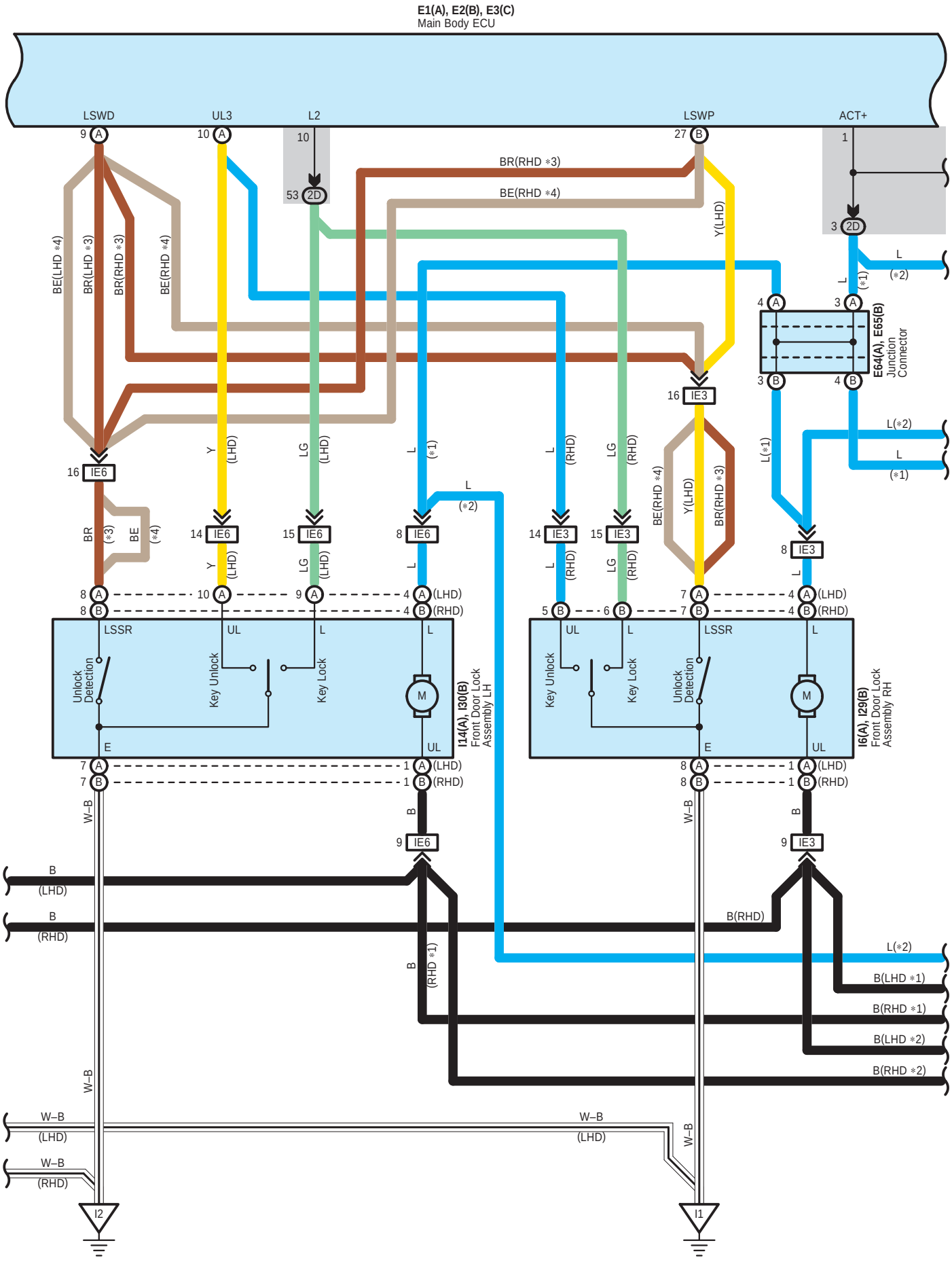


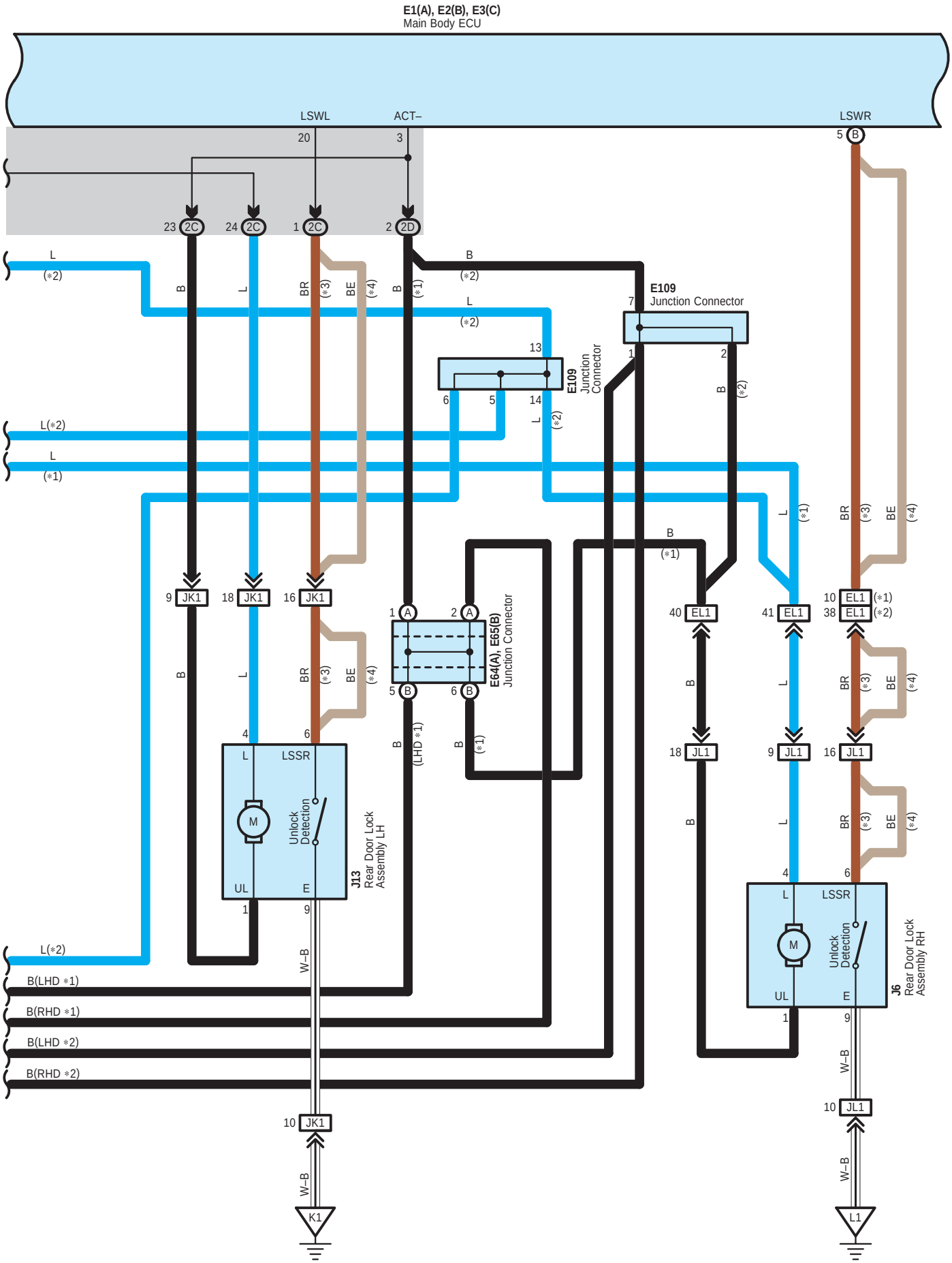

* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production
* 3 : Before Jan. 2013 Production
* 4 : From Jan. 2013 Production
* 5 : RHD, LHD Before Aug. 2013 Production
* 6 : LHD From Aug. 2013 Production


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
Y
P
G
W
(*1)
(*2)
(*3)
(*4)
(*5)
(*6)
E62
Junction Connector
E67(A), E116(B)
Junction Connector
E59(A), (B)
Junction Connector
E61
Junction Connector
7 A
11 B
13 A
13 B
63 A
63 B
43 A
43 B
19
29
7 FE3
15 FE4
6 FE3
1 FE3
23 EK2
22 FL2
21 FL2
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




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

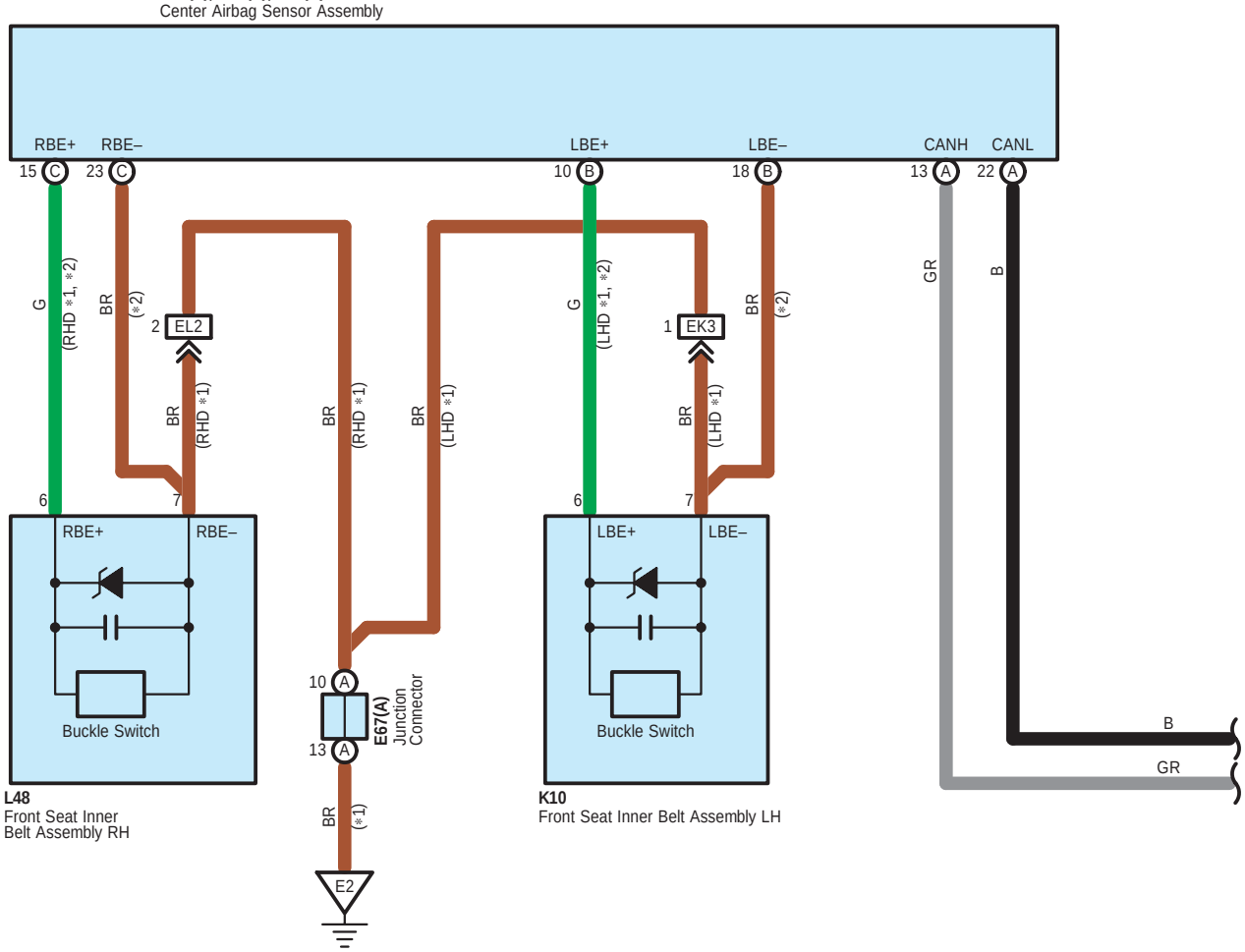

E1(A), E2(B), E3(C)
Main Body ECU
LSWD
UL3
L2
LSWP
ACT+
BR(RHD ∗3)
BE(RHD ∗4)
Y(LHD)
BE(LHD ∗4)
BR(LHD ∗3)
BR(RHD ∗3)
BE(RHD ∗4)
E64(A), E65(B) Junction Connector
IE6
IE3
LSSR
UL
L
Unlock Detection
Key Unlock
Key Lock
M
E
I14(A), I30(B) Front Door Lock Assembly LH
I6(A), I29(B) Front Door Lock Assembly RH
(LHD)
(RHD)
W–B
B
B(LHD ∗1)
B(RHD ∗1)
B(LHD ∗2)
B(RHD ∗2)
L(∗2)
I2
I1

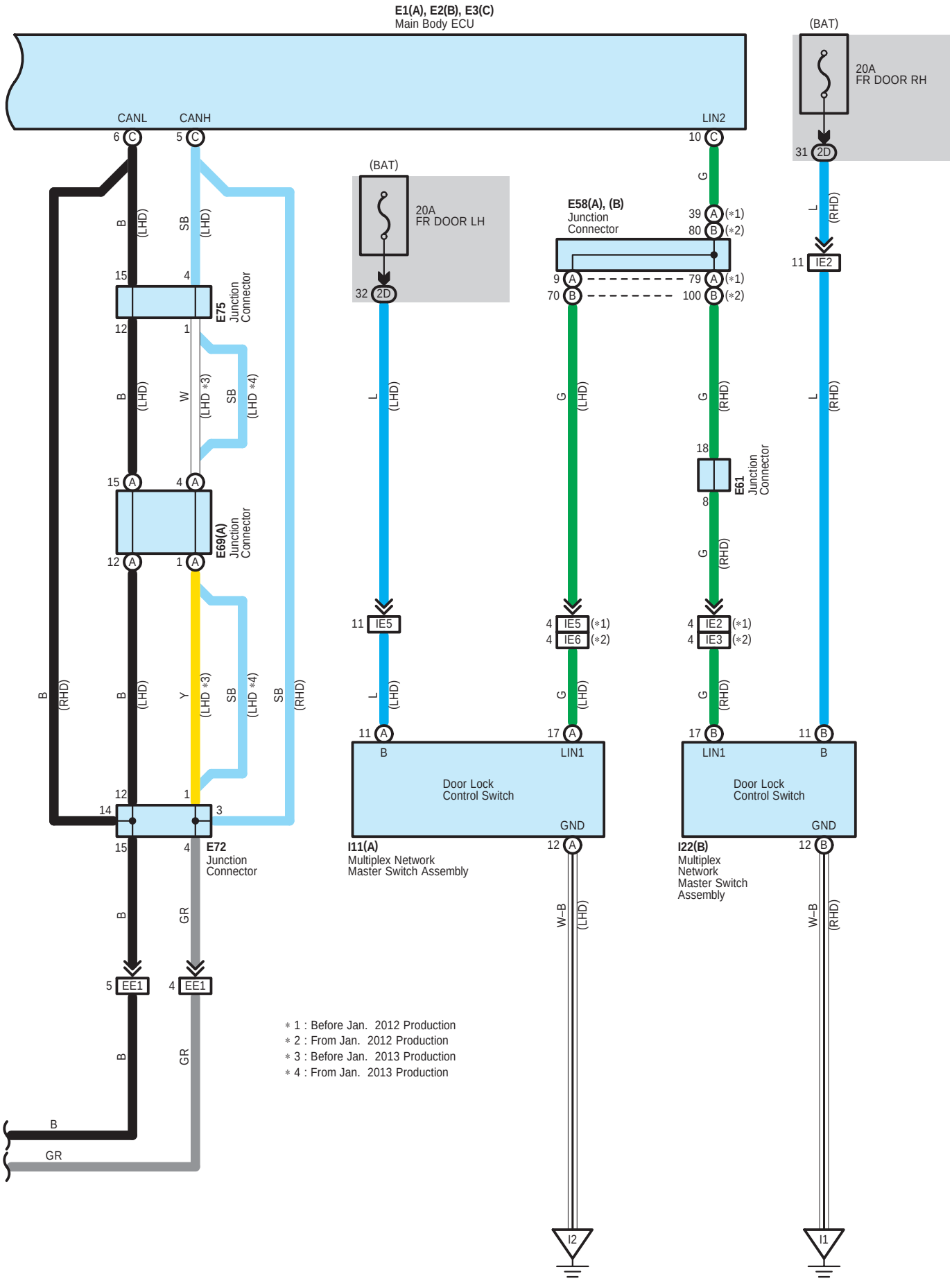

E1(A), E2(B), E3(C)
Main Body ECU
LSWL
ACT–
LSWR
20
3
5 B
23 2C
24 2C
1 2C
2 2D
L
(*2)
B
L
BR
(*3)
BE
(*4)
B
(*1)
B
(*2)
L
(*2)
E109
Junction Connector
7
1
2
B
(*2)
13
6
5
14
E109
Junction Connector
L
(*2)
L(*2)
L
(*1)
L
(*1)
BR
(*3)
BE
(*4)
B
(*1)
9 JK1
18 JK1
16 JK1
1 A
2 A
E64(A), E65(B)
Junction Connector
5 B
6 B
40 EL1
41 EL1
10 EL1 (*1)
38 EL1 (*2)
B
L
BR
(*3)
BE
(*4)
B
(LHD *1)
B
(*1)
18 JL1
9 JL1
16 JL1
4
6
L
LSSR
M
Unlock Detection
UL
E
J13
Rear Door Lock Assembly LH
1
9
4
6
L
LSSR
M
Unlock Detection
UL
E
J6
Rear Door Lock Assembly RH
1
9
L(*2)
W–B
B(LHD *1)
B(RHD *1)
B(LHD *2)
B(RHD *2)
10 JK1
W–B
K1
W–B
10 JL1
W–B
L1

**E1(A), E2(B), E3(C)**
Main Body ECU

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

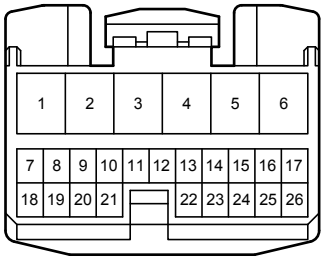
**E47(A), K27(B), L27(C)**
Center Airbag Sensor Assembly



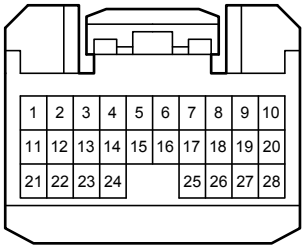



* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production
* 3 : Before Jan. 2013 Production
* 4 : From Jan. 2013 Production

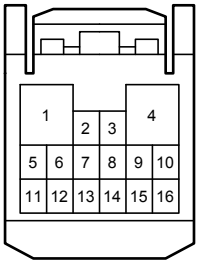
E 1
White



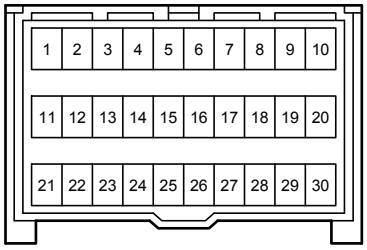

E 2
White



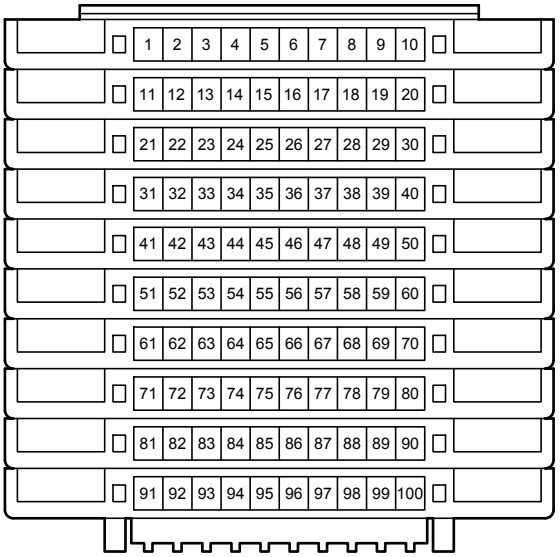

E 3
White



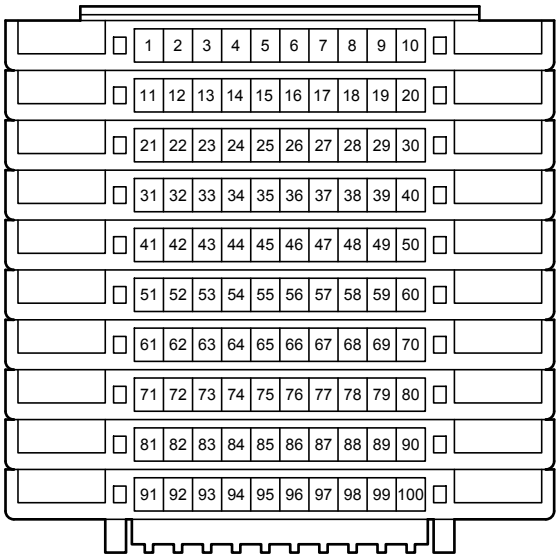

E 47
Yellow



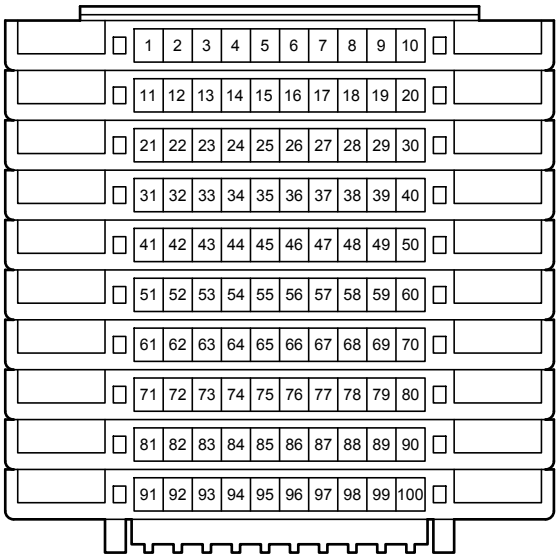

E 58
White



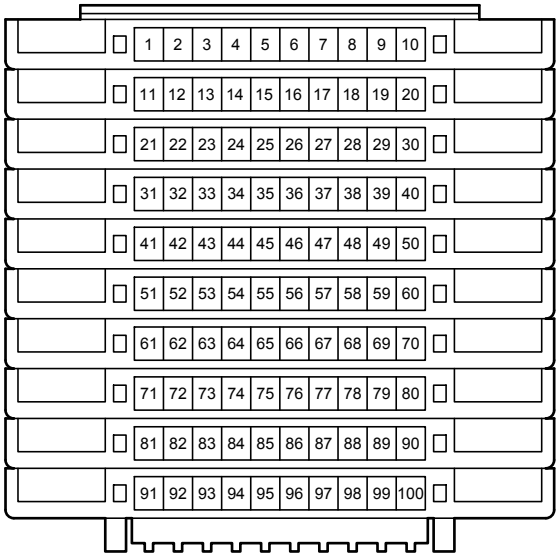

E 59
White



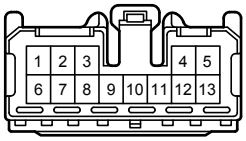

E 60
White



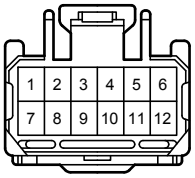
E 61
White



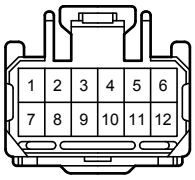

E 62
White



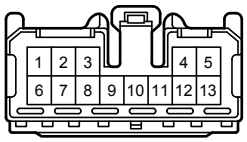

E 64
Black



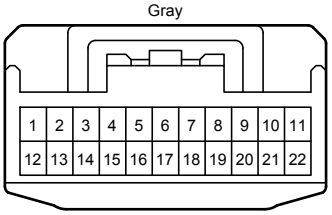

E 65
Black



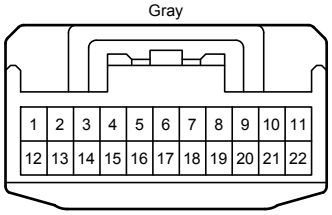

E 67
White



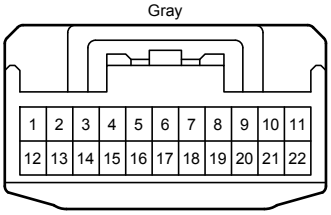

E 69
Gray



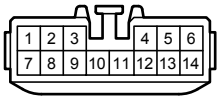

E 72
Gray



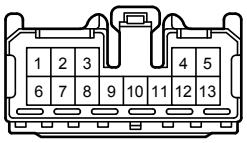

E 75
Gray



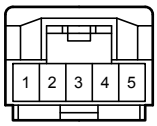

E109
White



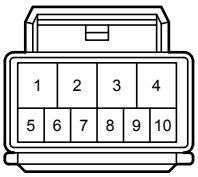

E116
White



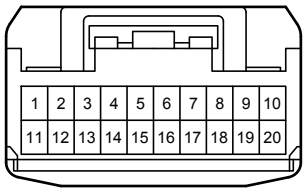

I 2
Black



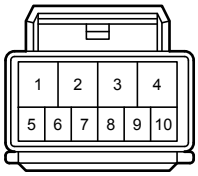

I 6
White



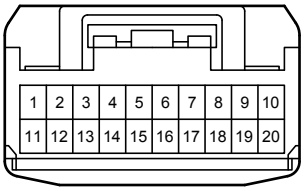

I 11
White



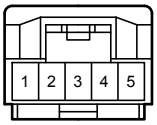

I 14
White



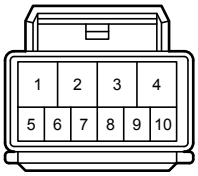

I 22
White



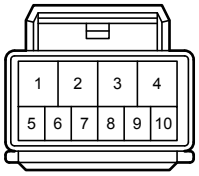

I 25
Black



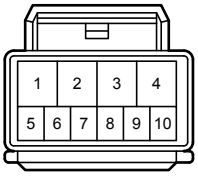

I 29
White



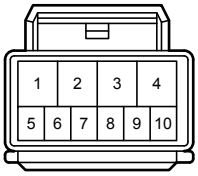
I 30
White




J 6
White




J 13
White



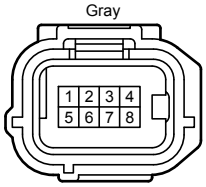

K 2
White



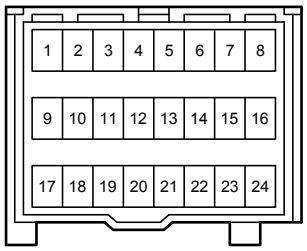

K 3
White




K 10
Gray




K 27
Yellow



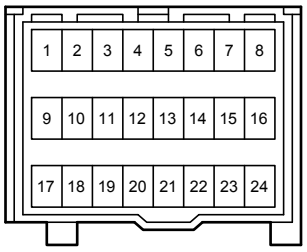

L 1
White



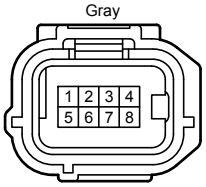

L 2
White



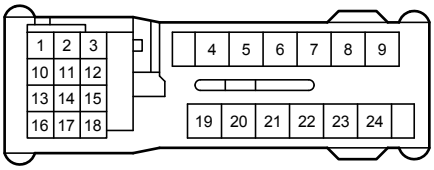

L 27
Yellow



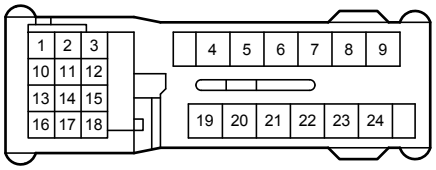

L 48
Gray



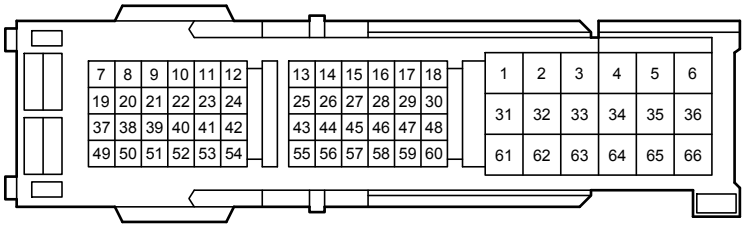

2B
White




2C
White

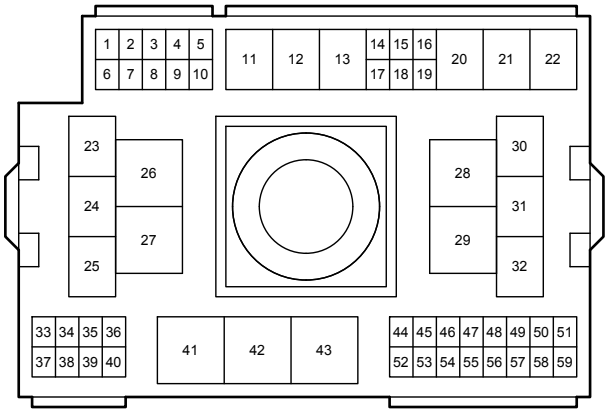



2D
White

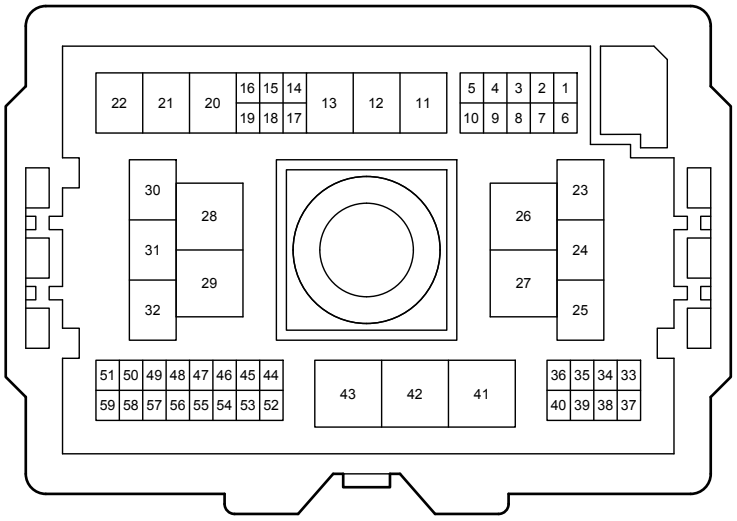


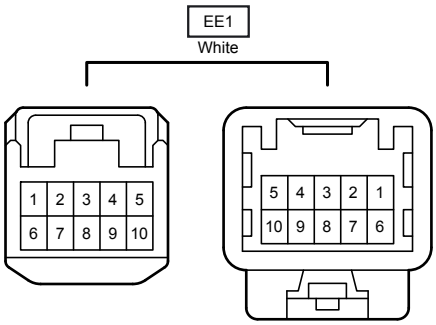

EA2

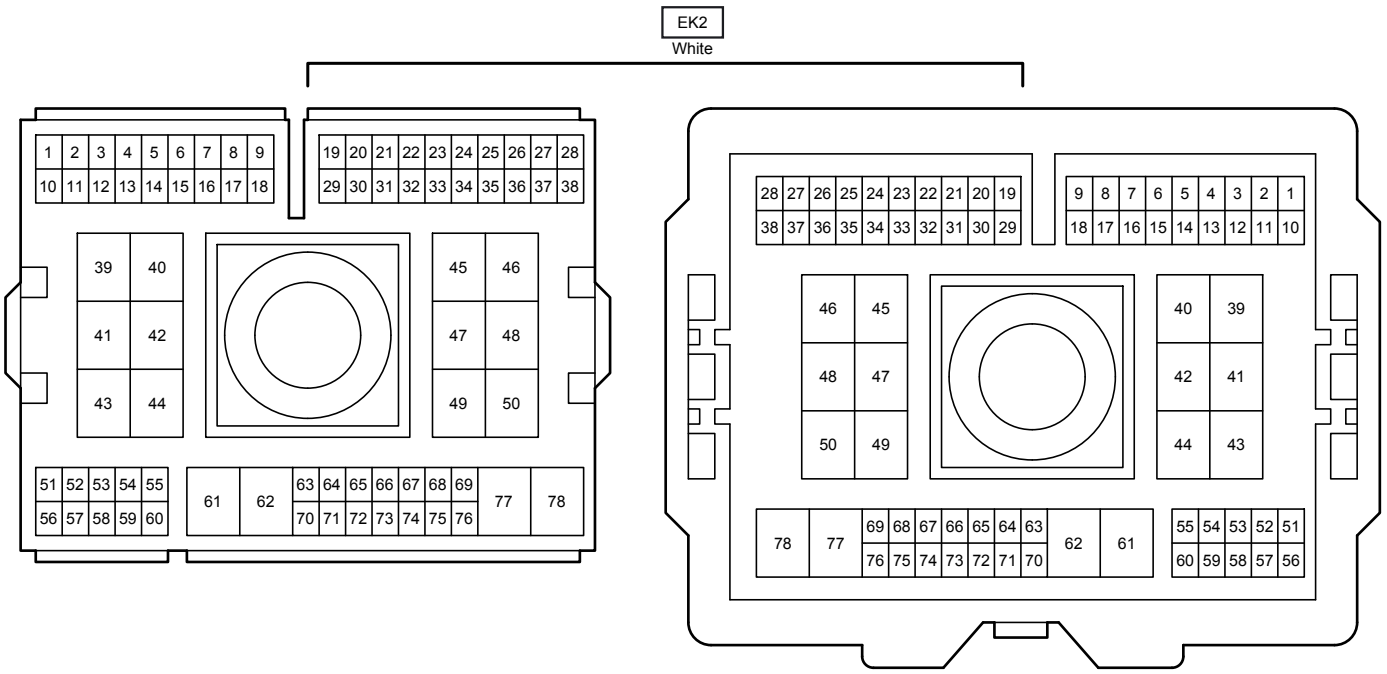
White

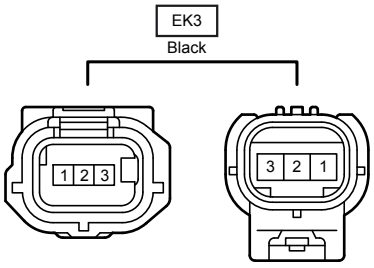



Gray

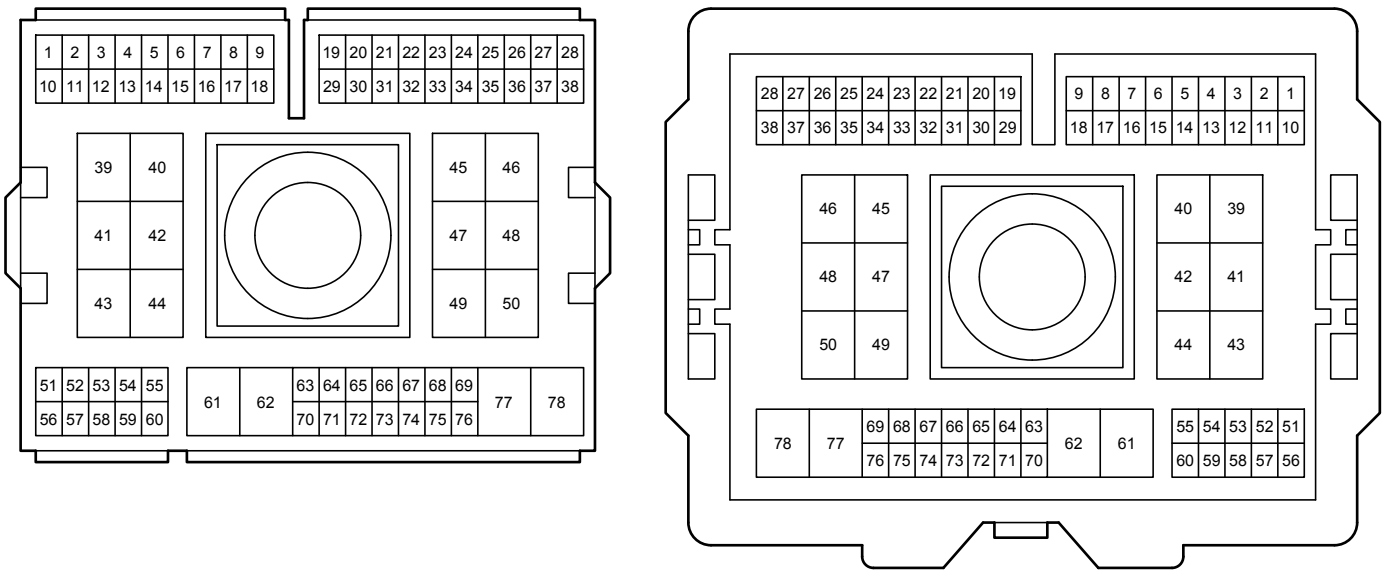



EE1
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

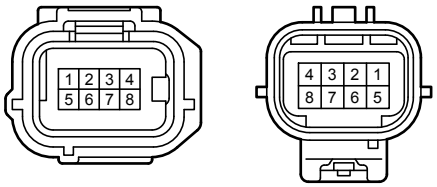

EK2
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61
62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77
78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7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


EK3
Black
1 2 3
3 2 1

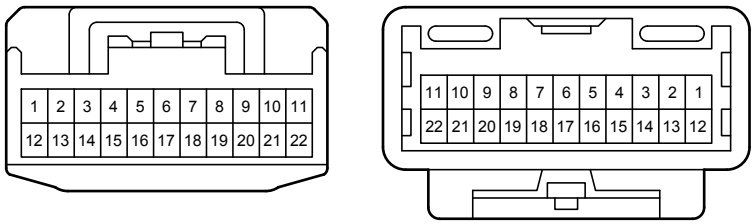
EL1
White



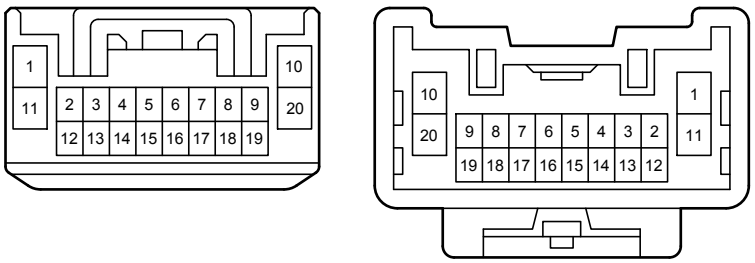

EL2
Gray



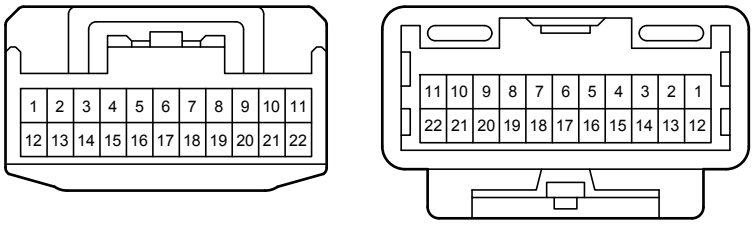

FE3
White



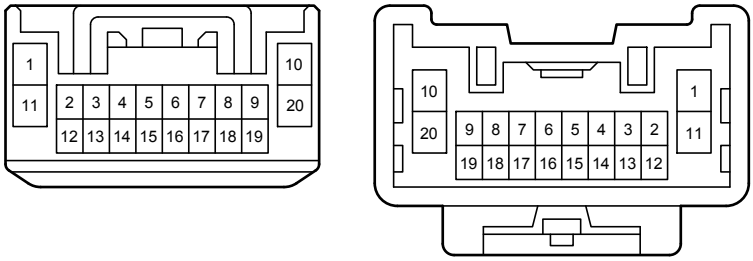

FE4
White



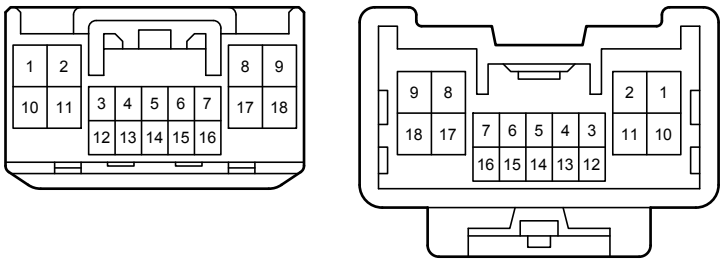

FL2
Blue



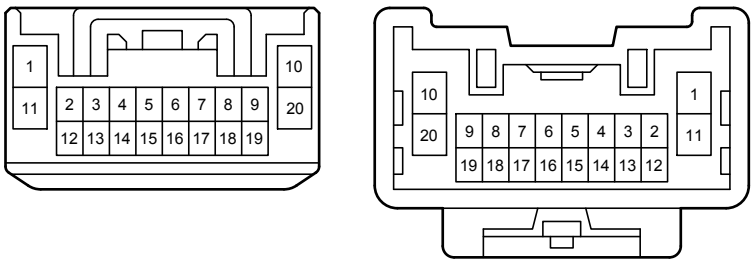
IE2
Blue



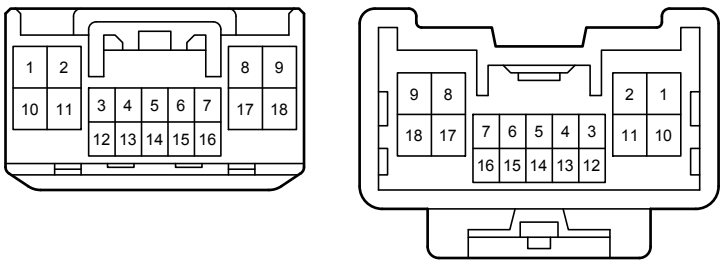

IE3
White

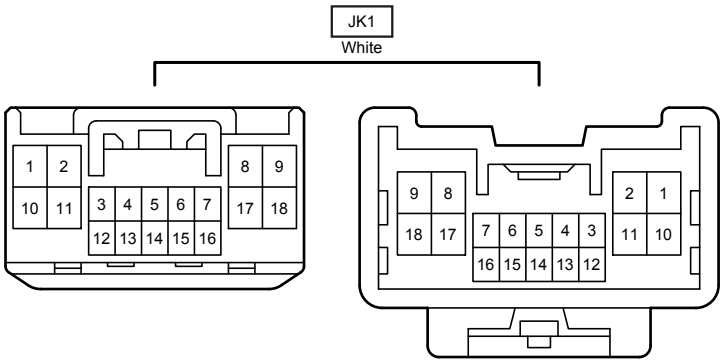


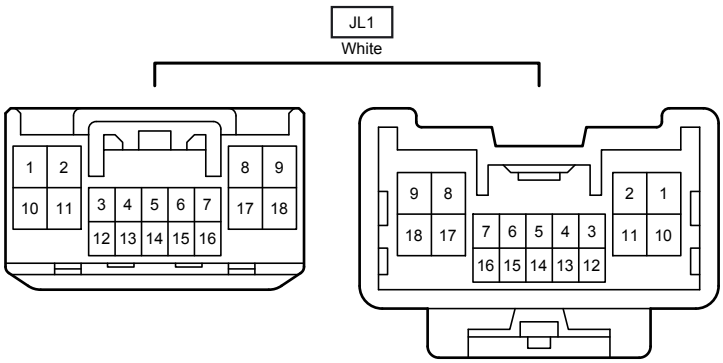

IE5
Blue

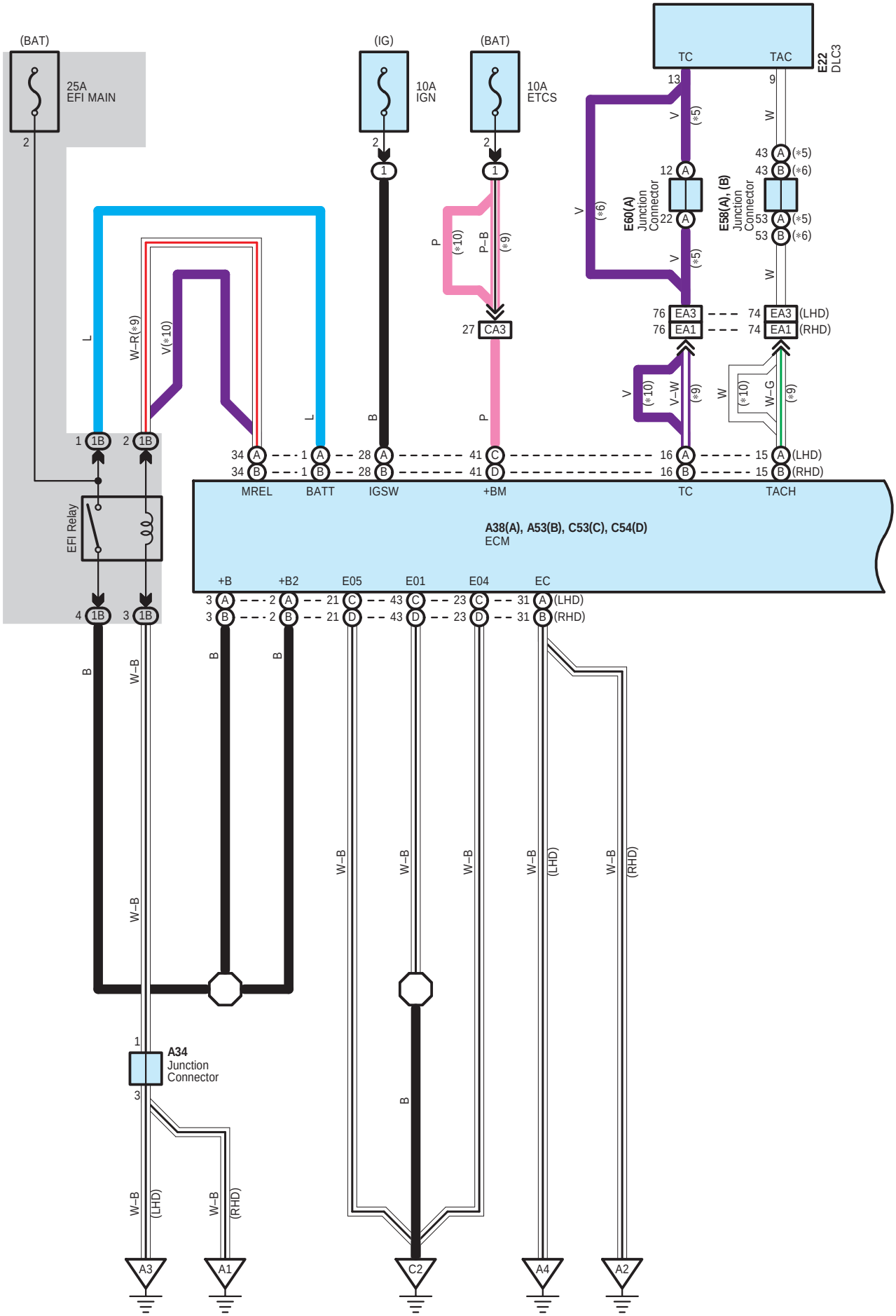



IE6
White

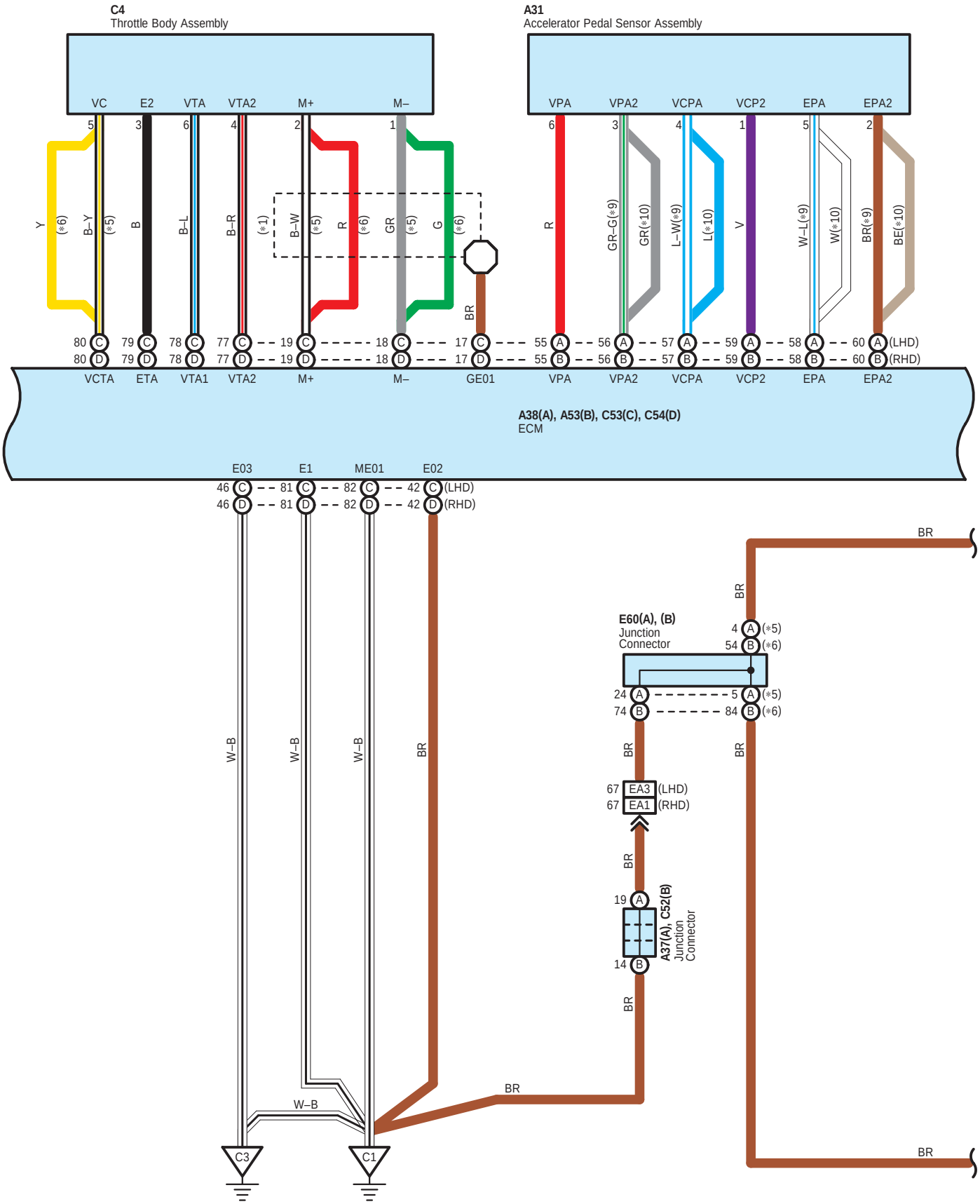


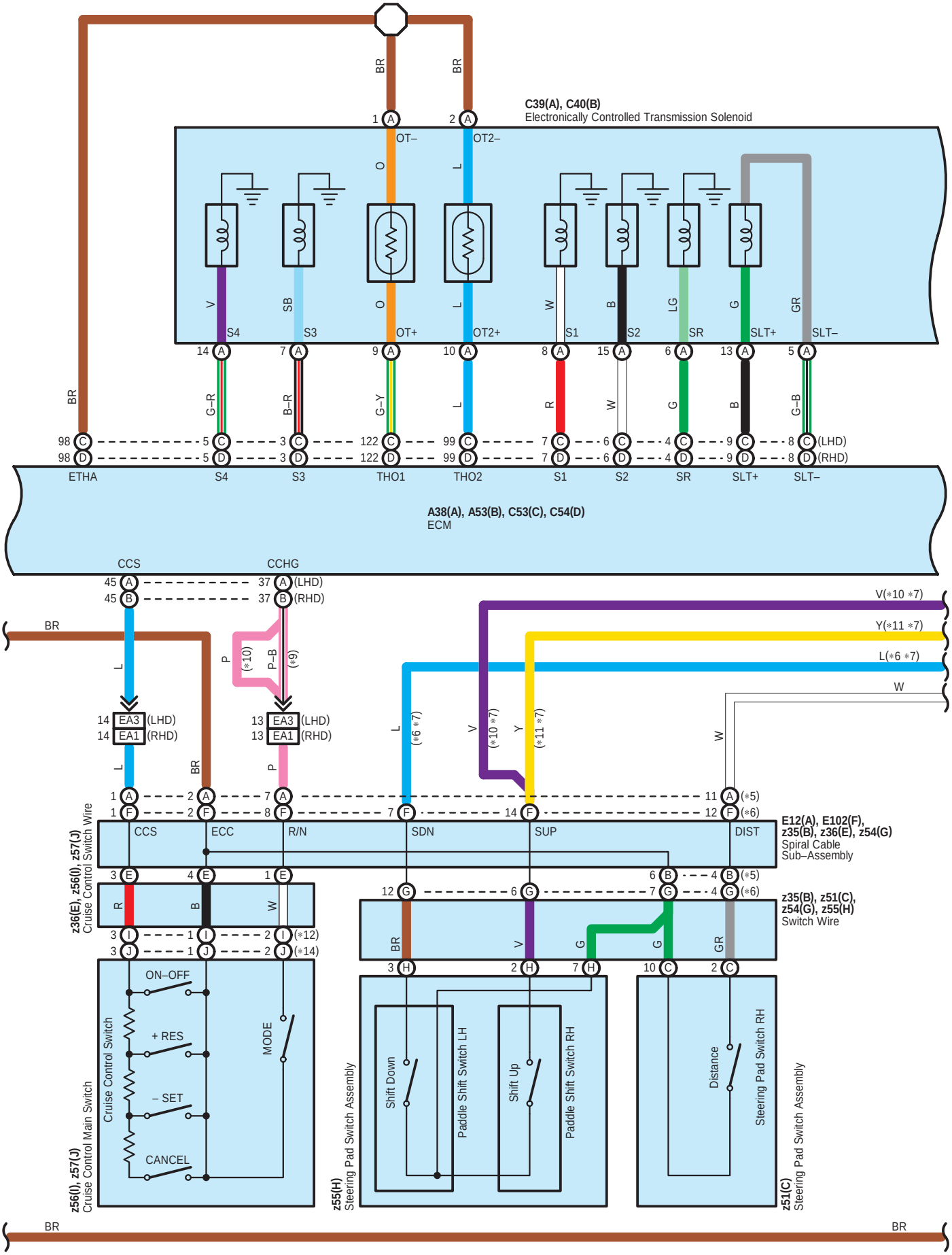

JK1
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10

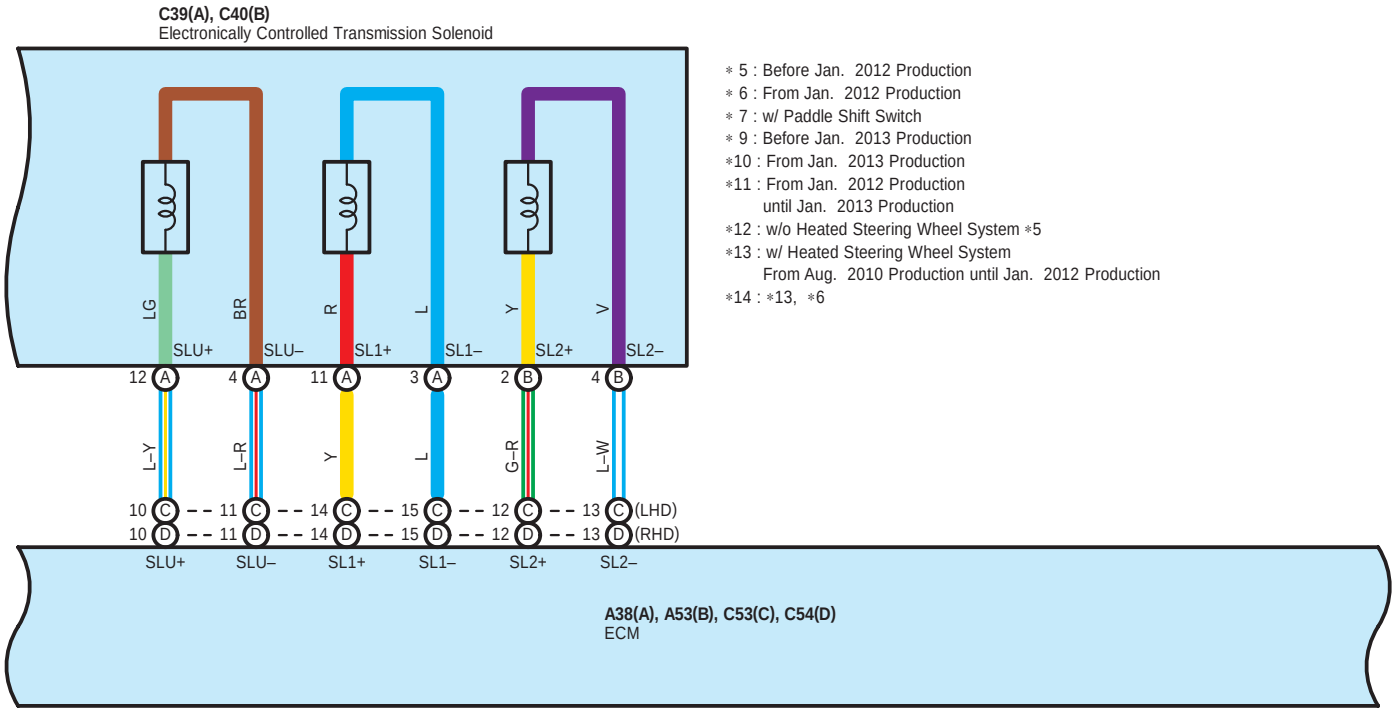

JL1
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10


(BAT)
25A
EFI MAIN
(IG)
10A
IGN
(BAT)
10A
ETCS
TC
TAC
E22
DLC3
E60(A)
Junction
Connector
E58(A), (B)
Junction
Connector
EFI Relay
MREL
BATT
IGSW
+BM
TC
TACH
A38(A), A53(B), C53(C), C54(D)
ECM
+B
+B2
E05
E01
E04
EC
(LHD)
(RHD)
A34
Junction
Connector
A3
A1
C2
A4
A2

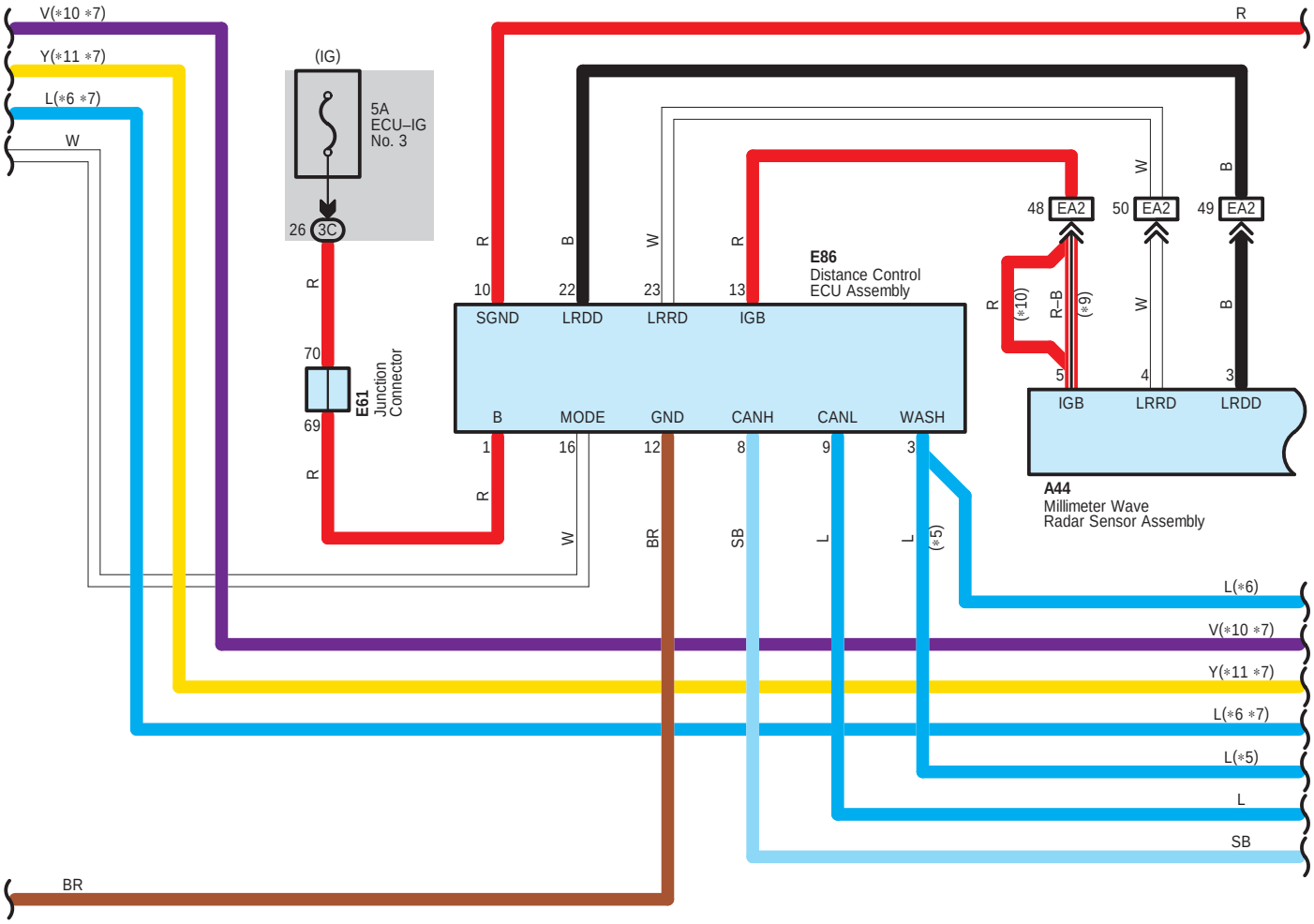
∗ 1 : Shielded
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 9 : Before Jan. 2013 Production
∗10 : From Jan. 2013 Production



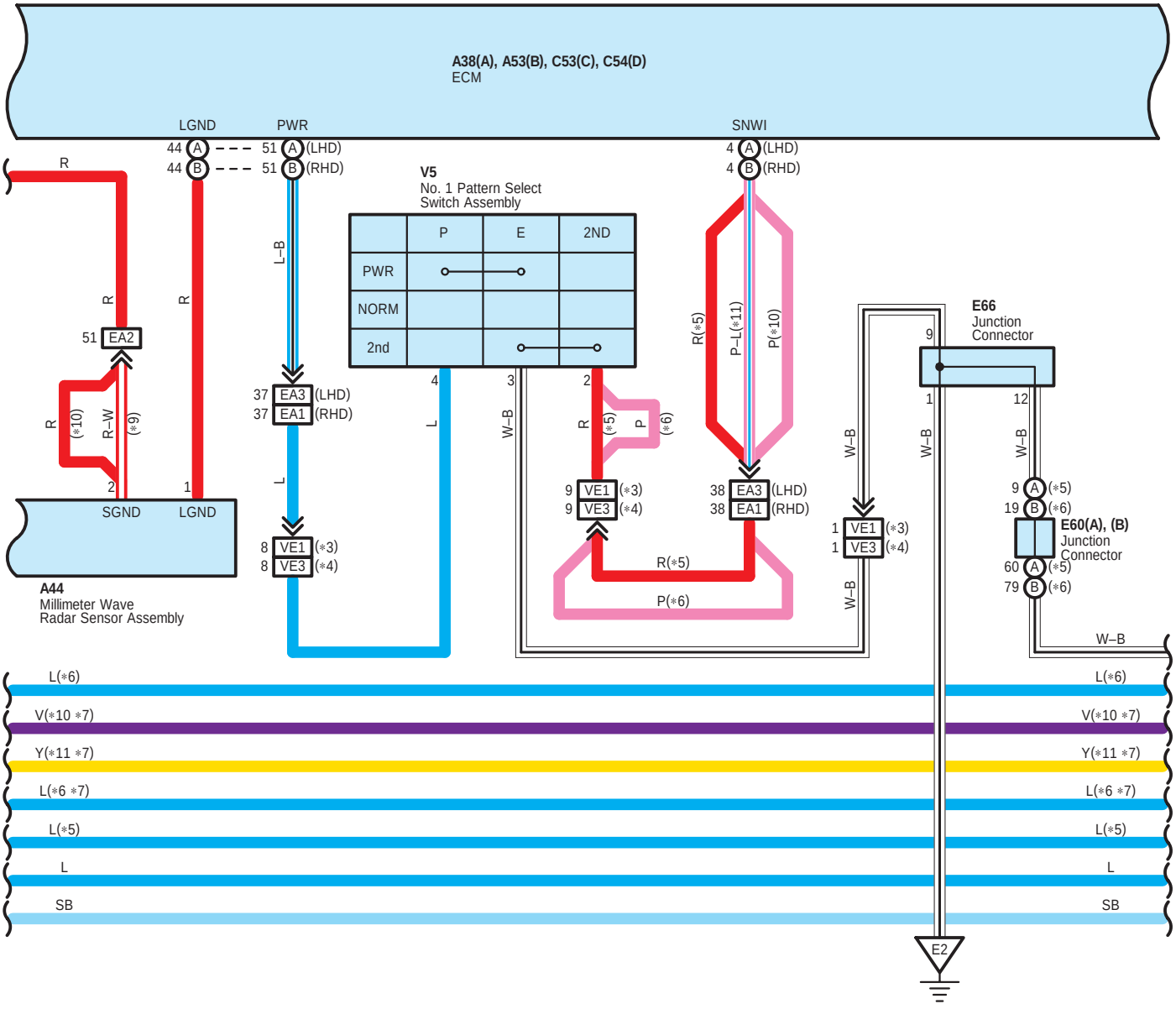

C39(A), C40(B)
Electronically Controlled Transmission Solenoid
OT–
OT2–
OT+
OT2+
S4
S3
S1
S2
SR
SLT+
SLT–
ETHA
THO1
THO2
A38(A), A53(B), C53(C), C54(D)
ECM
CCS
CCHG
(LHD)
(RHD)
V(∗10 ∗7)
Y(∗11 ∗7)
L(∗6 ∗7)
W
E12(A), E102(F), z35(B), z36(E), z54(G)
Spiral Cable Sub–Assembly
z36(E), z56(I), z57(J)
Cruise Control Switch Wire
z35(B), z51(C), z54(G), z55(H)
Switch Wire
CCS
ECC
R/N
SDN
SUP
DIST
ON–OFF
+ RES
– SET
CANCEL
MODE
Cruise Control Switch
z56(I), z57(J)
Cruise Control Main Switch
z55(H)
Steering Pad Switch Assembly
Shift Down
Paddle Shift Switch LH
Shift Up
Paddle Shift Switch RH
Distance
Steering Pad Switch RH
z51(C)
Steering Pad Switch Assembly

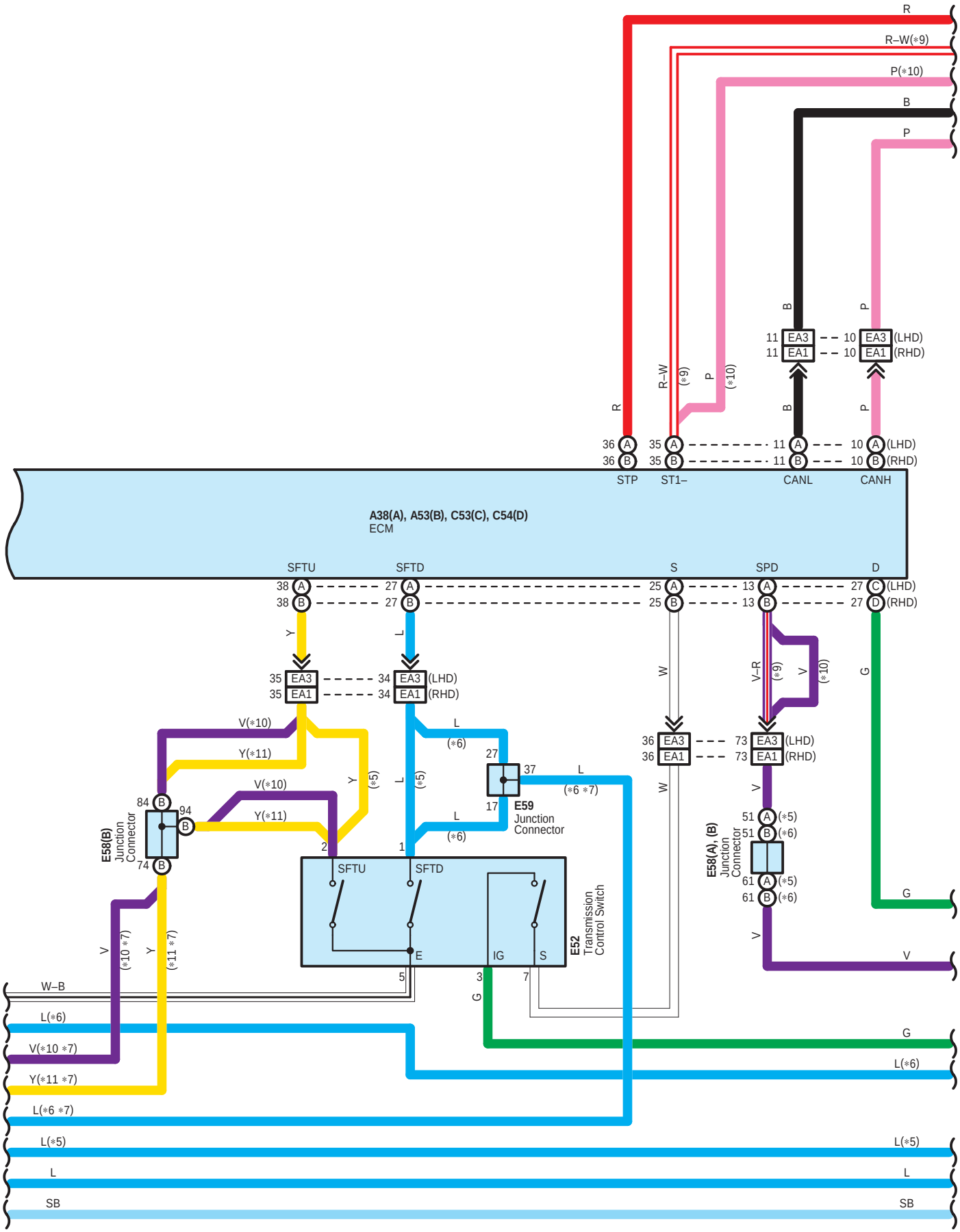


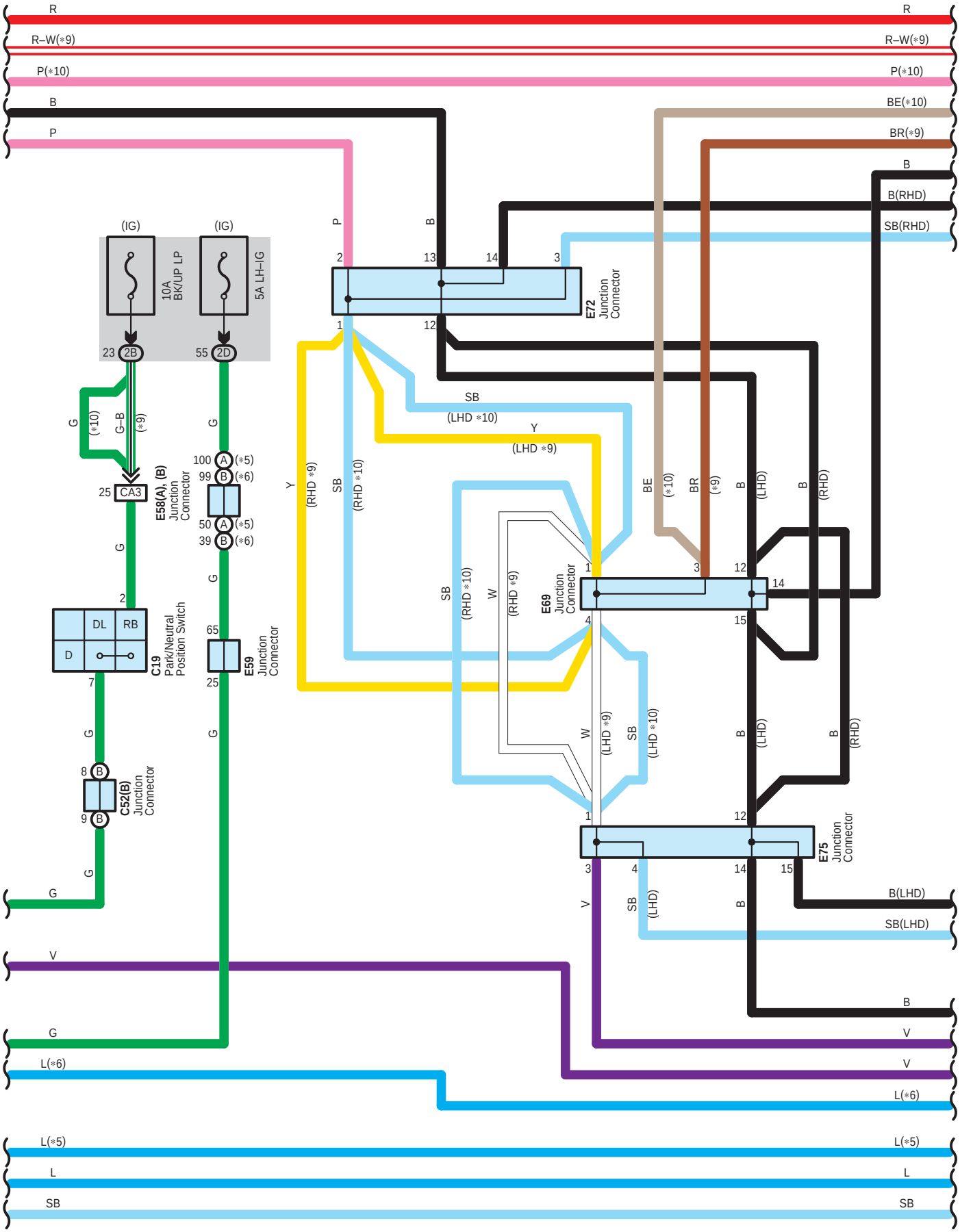

∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 7 : w/ Paddle Shift Switch
∗ 9 : Before Jan. 2013 Production
∗10 : From Jan. 2013 Production
∗11 : From Jan. 2012 Production
until Jan. 2013 Production
∗12 : w/o Heated Steering Wheel System ∗5
∗13 : w/ Heated Steering Wheel System
From Aug. 2010 Production until Jan. 2012 Production
∗14 : ∗13, ∗6

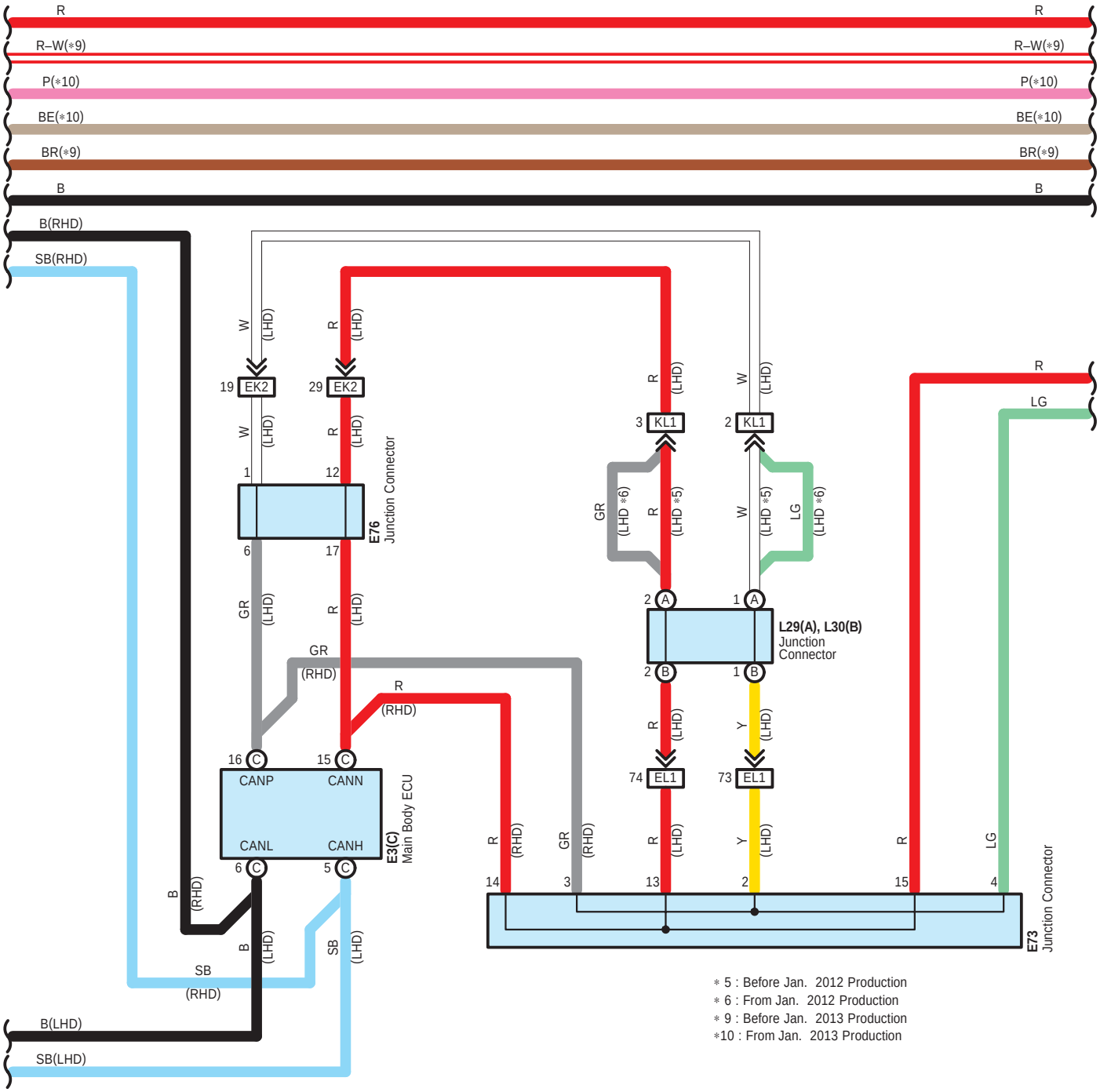


∗ 3 : Before Jul. 2009 Production
∗ 4 : From Jul. 2009 Production
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 7 : w/ Paddle Shift Switch
∗ 9 : Before Jan. 2013 Production
∗10 : From Jan. 2013 Production
∗11 : From Jan. 2012 Production
until Jan. 2013 Production

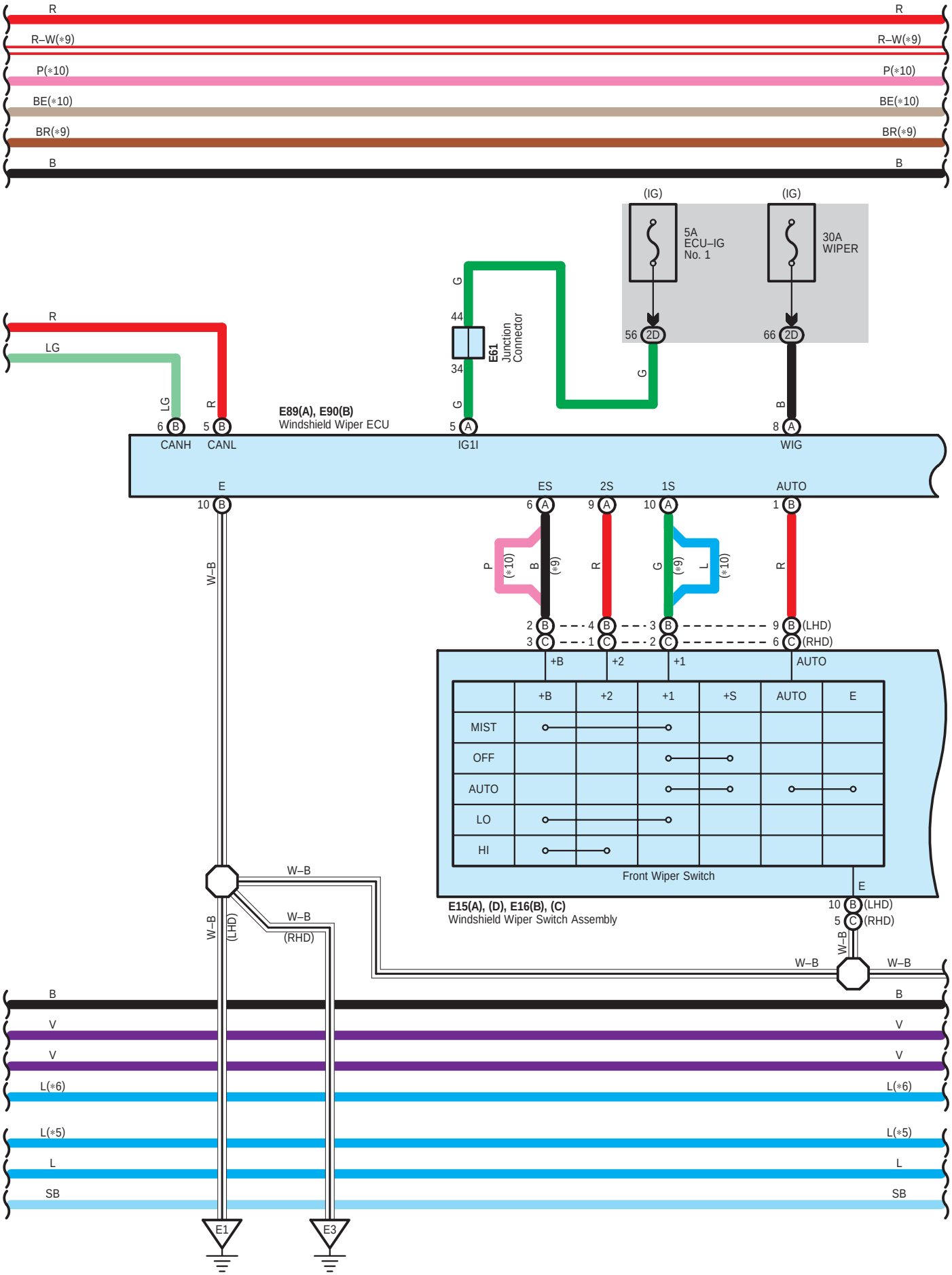


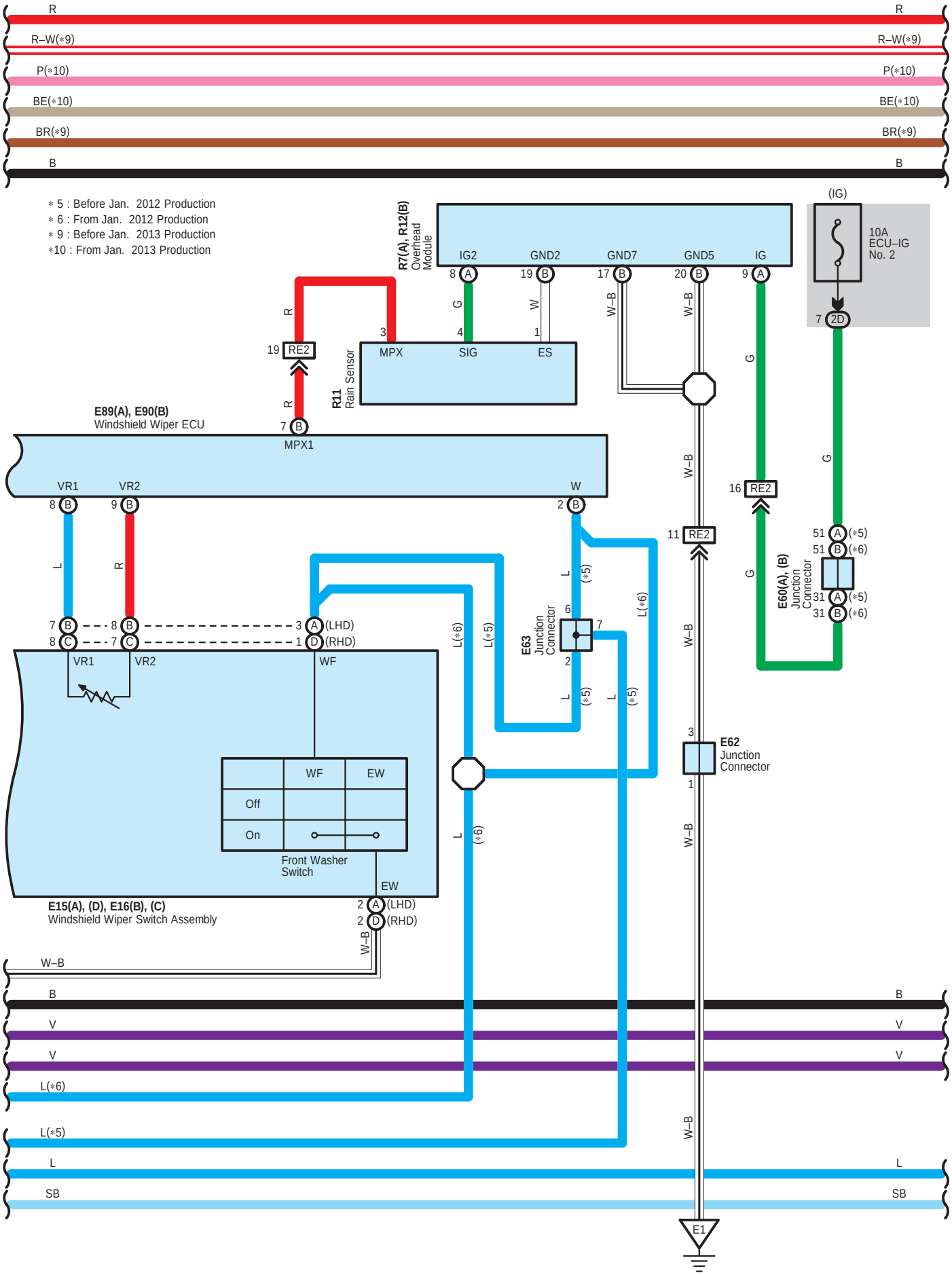

R
R–W(*9)
P(*10)
B
P
11 EA3 10 EA3 (LHD)
11 EA1 10 EA1 (RHD)
36 A 35 A 11 A 10 A (LHD)
36 B 35 B 11 B 10 B (RHD)
STP
ST1–
CANL
CANH
A38(A), A53(B), C53(C), C54(D)
ECM
SFTU
SFTD
S
SPD
D
38 A 27 A 25 A 13 A 27 C (LHD)
38 B 27 B 25 B 13 B 27 D (RHD)
35 EA3 34 EA3 (LHD)
35 EA1 34 EA1 (RHD)
36 EA3 73 EA3 (LHD)
36 EA1 73 EA1 (RHD)
V(*10)
Y(*11)
L(*6)
E58(B) Junction Connector
84 B
94 B
74 B
E59 Junction Connector
27
37
17
E58(A), (B) Junction Connector
51 A (*5)
51 B (*6)
61 A (*5)
61 B (*6)
SFTU
SFTD
E
IG
S
E52 Transmission Control Switch
5
3
7
1
2
W–B
L(*6)
V(*10 *7)
Y(*11 *7)
L(*6 *7)
L(*5)
L
SB
G
V

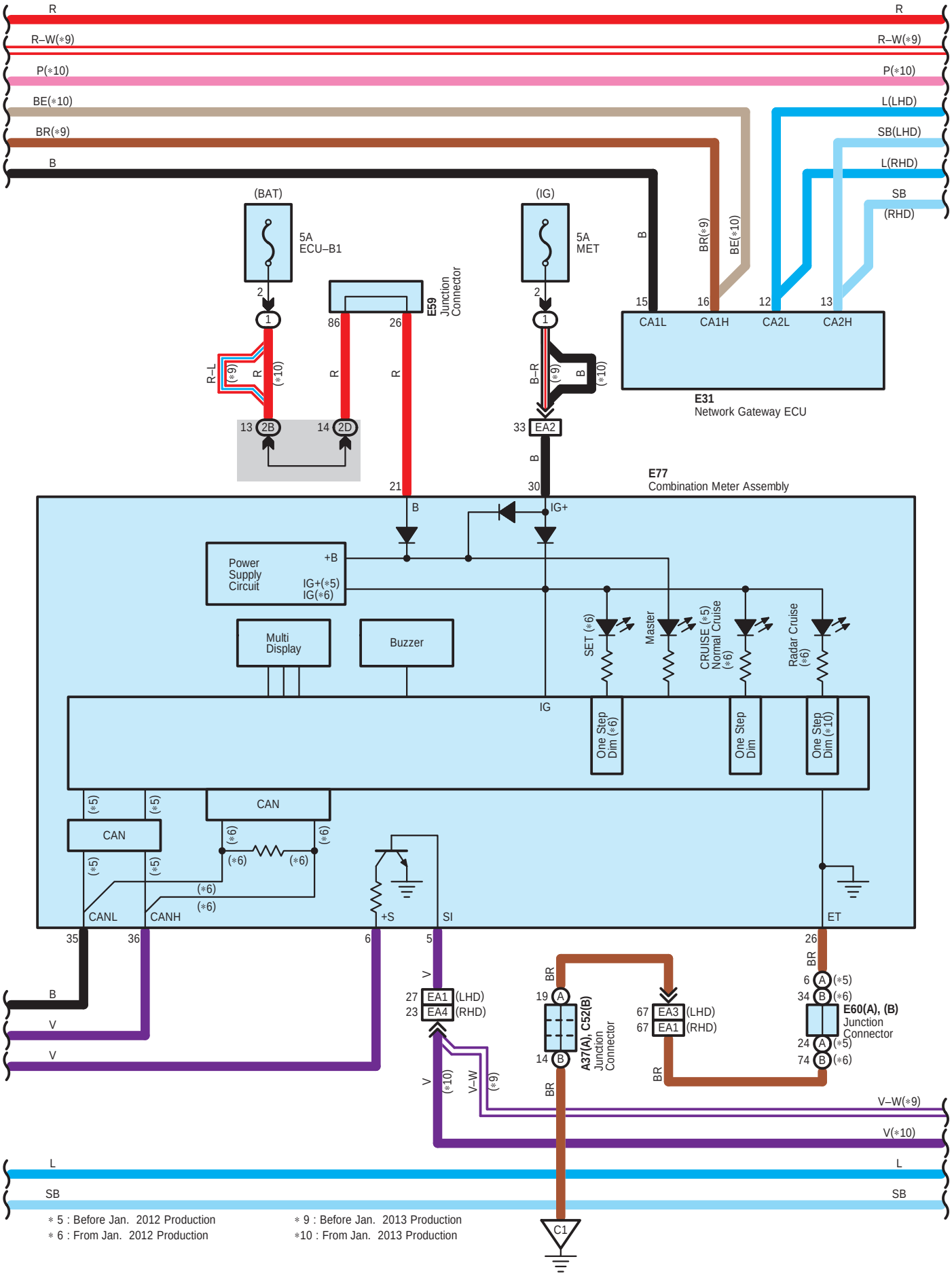

R
R–W(∗9)
P(∗10)
B
P
(IG)
(IG)
10A BK/UP LP
5A LH–IG
23 2B
55 2D
G
(∗10)
G–B
(∗9)
25 CA3
E58(A), (B) Junction Connector
100 A (∗5)
99 B (∗6)
50 A (∗5)
39 B (∗6)
C19 Park/Neutral Position Switch
DL
RB
D
2
7
C52(B) Junction Connector
8 B
9 B
E59 Junction Connector
65
25
G
V
L(∗6)
L(∗5)
L
SB
P
B
2
13
14
3
1
12
E72 Junction Connector
SB
(LHD ∗10)
Y
(LHD ∗9)
Y
(RHD ∗9)
SB
(RHD ∗10)
BE
(∗10)
BR
(∗9)
B
(LHD)
B
(RHD)
E69 Junction Connector
W
(RHD ∗9)
SB
(RHD ∗10)
1
3
12
14
4
15
W
(LHD ∗9)
SB
(LHD ∗10)
B
(LHD)
B
(RHD)
E75 Junction Connector
3
4
14
15
V
SB
(LHD)
B
B(LHD)
SB(LHD)
B
V
V
L(∗6)
R
R–W(∗9)
P(∗10)
BE(∗10)
BR(∗9)
B
B(RHD)
SB(RHD)
L(∗5)
L
SB


R
R–W(∗9)
P(∗10)
BE(∗10)
BR(∗9)
B
B(RHD)
SB(RHD)
W (LHD)
R (LHD)
19 EK2
29 EK2
1
12
E76 Junction Connector
6
17
GR (LHD)
R (LHD)
GR (RHD)
R (RHD)
16 C
15 C
CANP
CANN
CANL
CANH
6 C
5 C
E3(C) Main Body ECU
B (RHD)
B (LHD)
SB (LHD)
SB (RHD)
B(LHD)
SB(LHD)
3 KL1
2 KL1
GR (LHD ∗6)
R (LHD ∗5)
W (LHD ∗5)
LG (LHD ∗6)
2 A
1 A
2 B
1 B
L29(A), L30(B) Junction Connector
74 EL1
73 EL1
R (LHD)
Y (LHD)
14
3
13
2
15
4
E73 Junction Connector
LG
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 9 : Before Jan. 2013 Production
∗10 : From Jan. 2013 Production

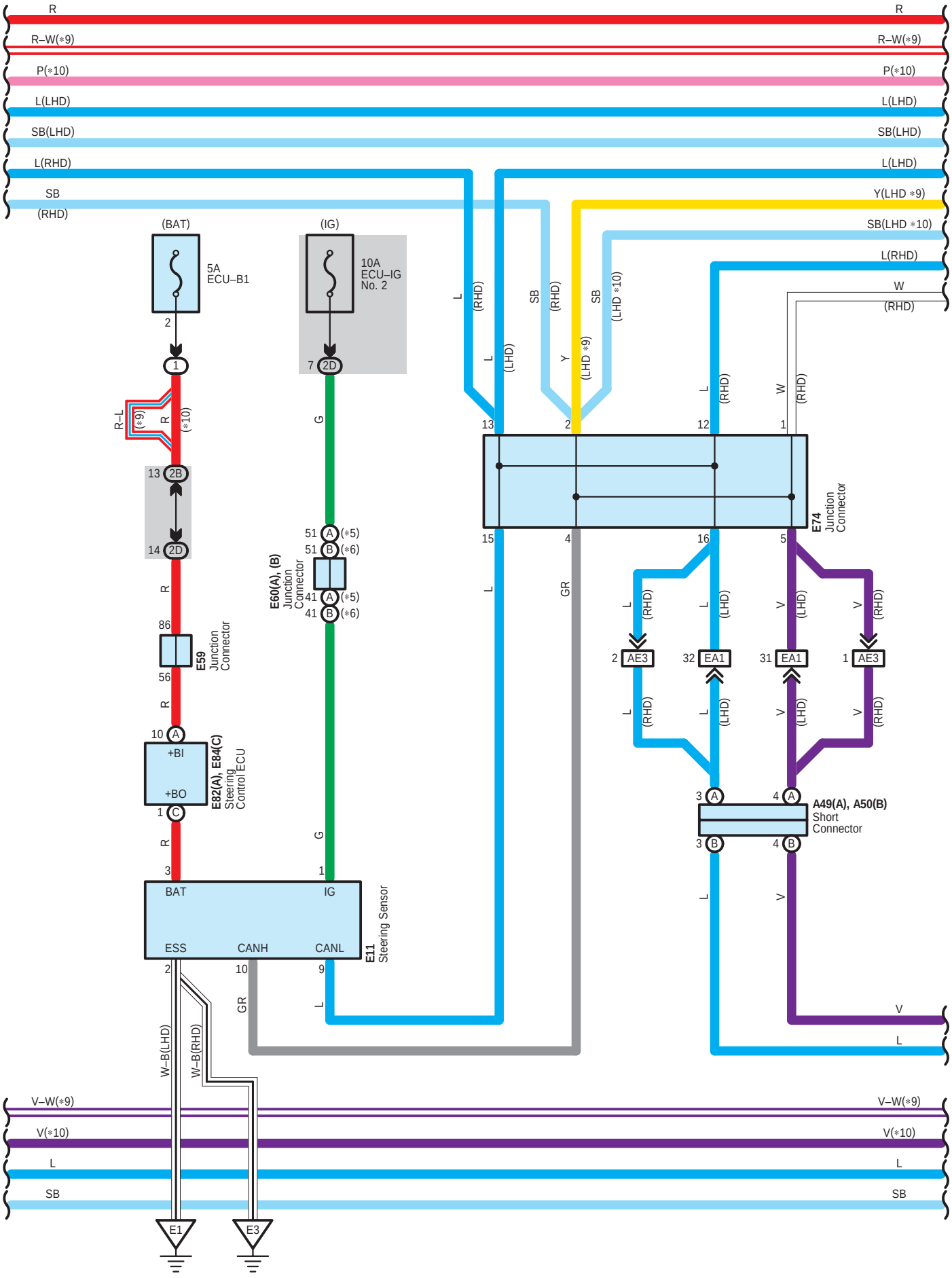

B
V
V
L(∗6)
L(∗5)
L
SB

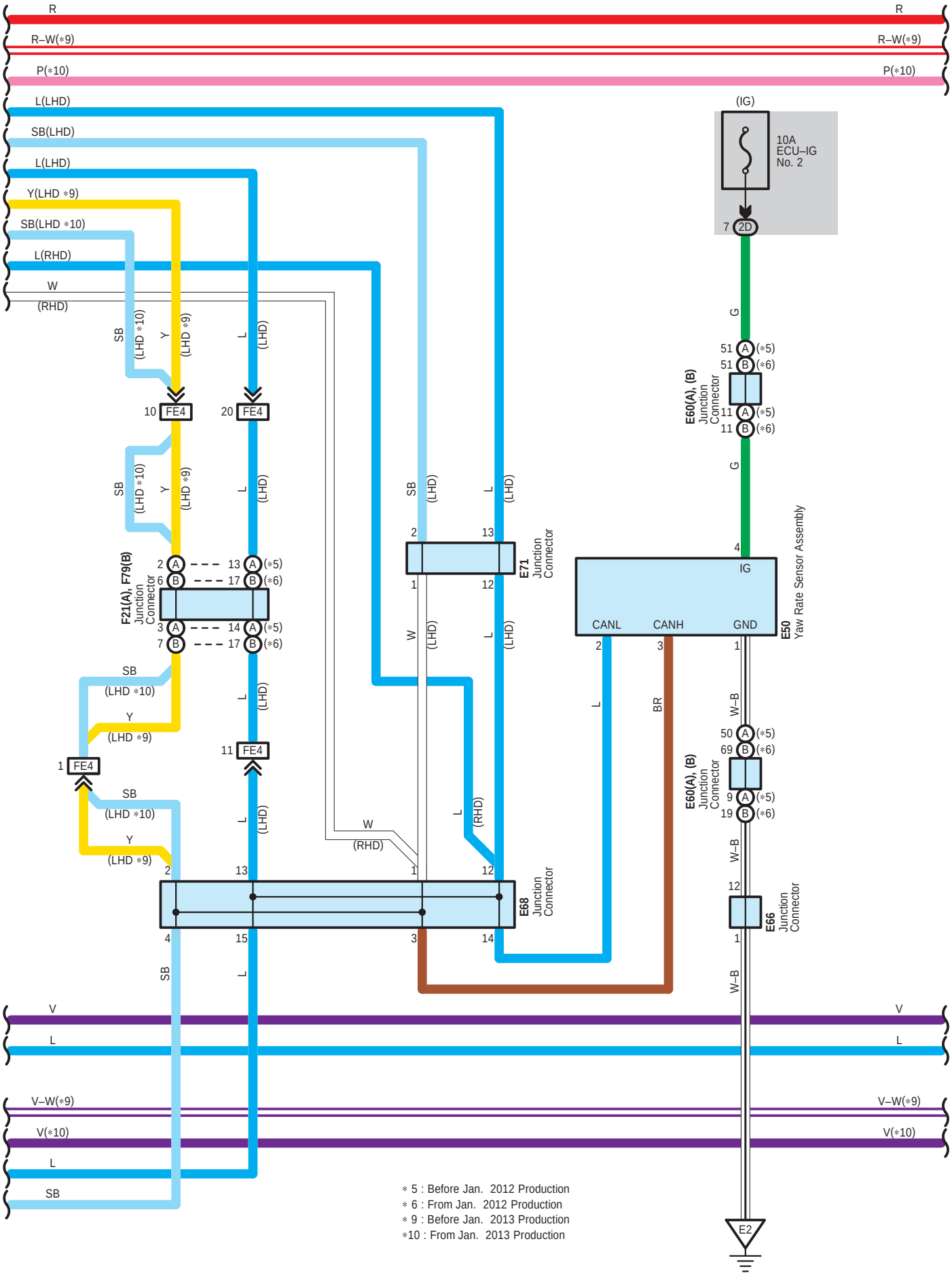

R
R–W(∗9)
P(∗10)
BE(∗10)
BR(∗9)
B
(IG)
5A
ECU–IG
No. 1
(IG)
30A
WIPER
56 2D
66 2D
G
44
34
E61
Junction
Connector
G
G
B
LG
R
6 B
5 B
CANH
CANL
E89(A), E90(B)
Windshield Wiper ECU
5 A
IG1I
8 A
WIG
E
ES
2S
1S
AUTO
10 B
6 A
9 A
10 A
1 B
P
(∗10)
B
(∗9)
R
G
(∗9)
L
(∗10)
R
2 B
4 B
3 B
9 B
(LHD)
3 C
1 C
2 C
6 C
(RHD)
+B
+2
+1
AUTO
+B
+2
+1
+S
AUTO
E
MIST
OFF
AUTO
LO
HI
Front Wiper Switch
E
E15(A), (D), E16(B), (C)
Windshield Wiper Switch Assembly
10 B
(LHD)
5 C
(RHD)
W–B
W–B
W–B
W–B
W–B
(LHD)
W–B
(RHD)
W–B
B
V
V
L(∗6)
L(∗5)
L
SB
B
V
V
L(∗6)
L(∗5)
L
SB
E1
E3

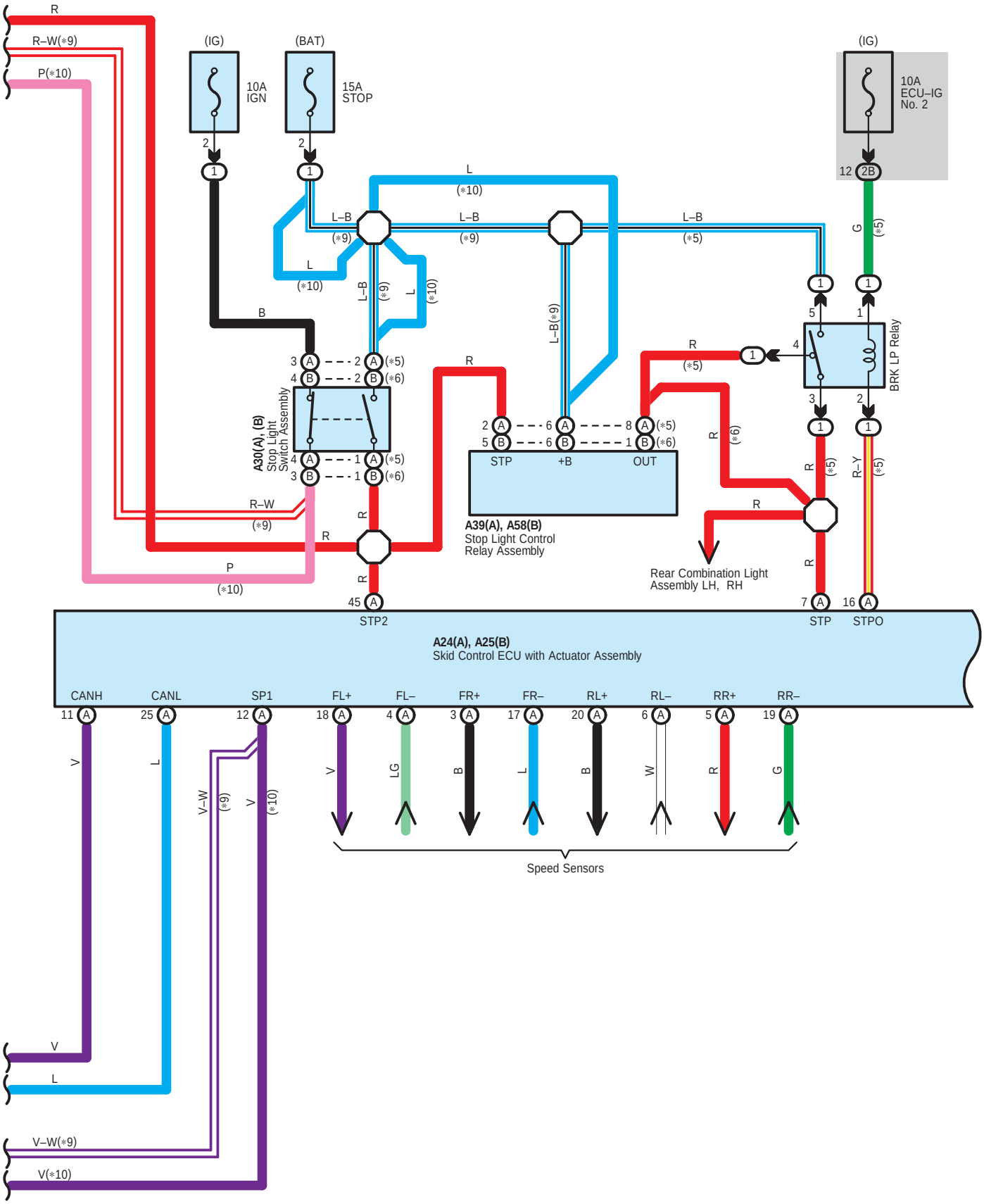

R
R–W(∗9)
P(∗10)
BE(∗10)
BR(∗9)
B
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 9 : Before Jan. 2013 Production
∗10 : From Jan. 2013 Production
R7(A), R12(B)
Overhead Module
IG2
GND2
GND7
GND5
IG
(IG)
10A ECU–IG No. 2
2D
RE2
MPX
SIG
ES
R11
Rain Sensor
E89(A), E90(B)
Windshield Wiper ECU
MPX1
VR1
VR2
W
E63
Junction Connector
E60(A), (B)
Junction Connector
E62
Junction Connector
(LHD)
(RHD)
WF
EW
Off
On
Front Washer Switch
E15(A), (D), E16(B), (C)
Windshield Wiper Switch Assembly
W–B
L(∗5)
L(∗6)
L
SB
E1

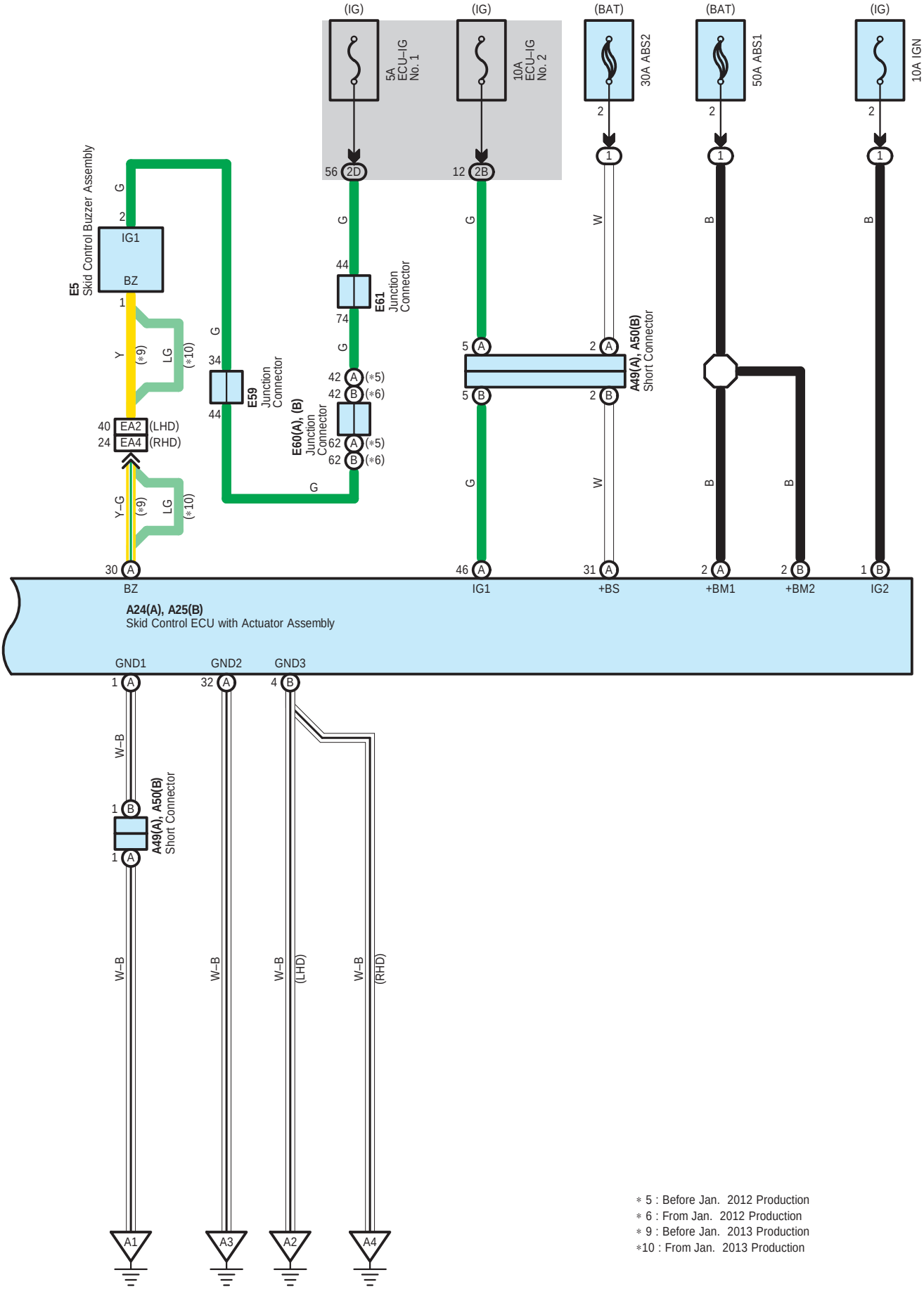



∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 9 : Before Jan. 2013 Production
∗10 : From Jan. 2013 Production


R
R–W(∗9)
P(∗10)
L(LHD)
SB(LHD)
L(RHD)
SB
(RHD)
(BAT)
5A
ECU–B1
2
1
R–L
(∗9)
R
(∗10)
13 2B
14 2D
R
86
E59
Junction
Connector
56
R
10 A
+BI
+BO
1 C
E82(A), E84(C)
Steering
Control ECU
R
3
BAT
ESS
2
W–B(LHD)
W–B(RHD)
(IG)
10A
ECU–IG
No. 2
7 2D
G
51 A (∗5)
51 B (∗6)
E60(A), (B)
Junction
Connector
41 A (∗5)
41 B (∗6)
G
1
IG
CANH
10
GR
CANL
9
L
E11
Steering Sensor
L
(RHD)
L
(LHD)
SB
(RHD)
Y
(LHD ∗9)
SB
(LHD ∗10)
13
2
15
L
4
GR
L
(RHD)
W
(RHD)
12
1
16
5
E74
Junction
Connector
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 A
4 A
A49(A), A50(B)
Short
Connector
3 B
4 B
L
V
R
R–W(∗9)
P(∗10)
L(LHD)
SB(LHD)
L(LHD)
Y(LHD ∗9)
SB(LHD ∗10)
L(RHD)
W
(RHD)
V
L
V–W(∗9)
V(∗10)
L
SB
E1
E3
V–W(∗9)
V(∗10)
L
SB

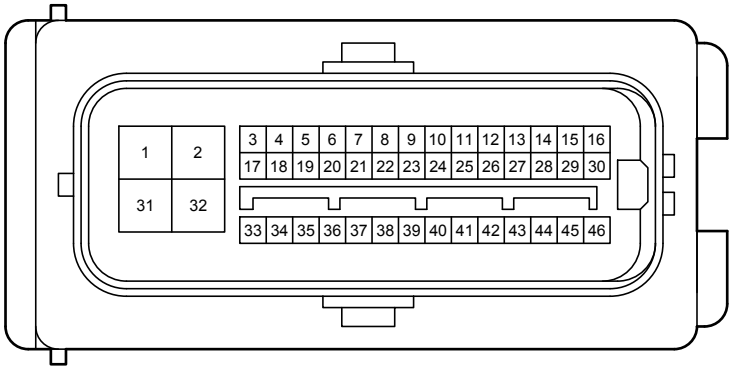

R
R–W(∗9)
P(∗10)
L(LHD)
SB(LHD)
L(LHD)
Y(LHD ∗9)
SB(LHD ∗10)
L(RHD)
W
(RHD)
(IG)
10A
ECU–IG
No. 2
7 2D
G
51 A (∗5)
51 B (∗6)
E60(A), (B)
Junction
Connector
11 A (∗5)
11 B (∗6)
4
IG
CANL
CANH
GND
E50
Yaw Rate Sensor Assembly
2
3
1
BR
W–B
50 A (∗5)
69 B (∗6)
9 A (∗5)
19 B (∗6)
12
1
E66
Junction
Connector
10 FE4
20 FE4
11 FE4
1 FE4
F21(A), F79(B)
Junction
Connector
2 A
6 B
13 A (∗5)
17 B (∗6)
3 A
7 B
14 A (∗5)
17 B (∗6)
E71
Junction
Connector
2
13
1
12
E68
Junction
Connector
4
15
3
14
W
(RHD)
SB
(LHD ∗10)
Y
(LHD ∗9)
L
(LHD)
V
L
V–W(∗9)
V(∗10)
L
SB
E2
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 9 : Before Jan. 2013 Production
∗10 : From Jan. 2013 Production


R
R–W(∗9)
P(∗10)
(IG)
10A
IGN
(BAT)
15A
STOP
(IG)
10A
ECU–IG
No. 2
L
(∗10)
L–B
(∗9)
L–B
(∗9)
L–B
(∗5)
L
(∗10)
L–B
(∗9)
L
(∗10)
L–B(∗9)
G
(∗5)
B
R
(∗5)
R
(∗6)
R
(∗5)
R–Y
(∗5)
BRK LP Relay
A30(A), (B)
Stop Light
Switch Assembly
R–W
(∗9)
R
P
(∗10)
A39(A), A58(B)
Stop Light Control
Relay Assembly
STP
+B
OUT
Rear Combination Light
Assembly LH, RH
STP2
STP
STPO
A24(A), A25(B)
Skid Control ECU with Actuator Assembly
CANH
CANL
SP1
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
V
L
V–W
(∗9)
V
(∗10)
Speed Sensors
V
L
V–W(∗9)
V(∗10)

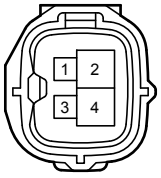



∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 9 : Before Jan. 2013 Production
∗10 : From Jan. 2013 Production

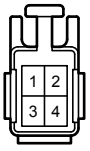
A 24
Black



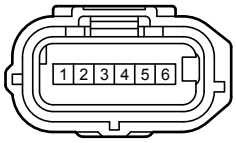

A 25
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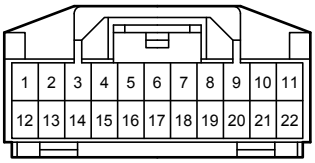

A 30
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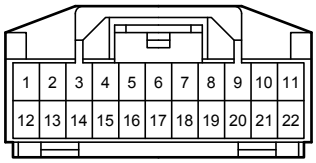

A 31
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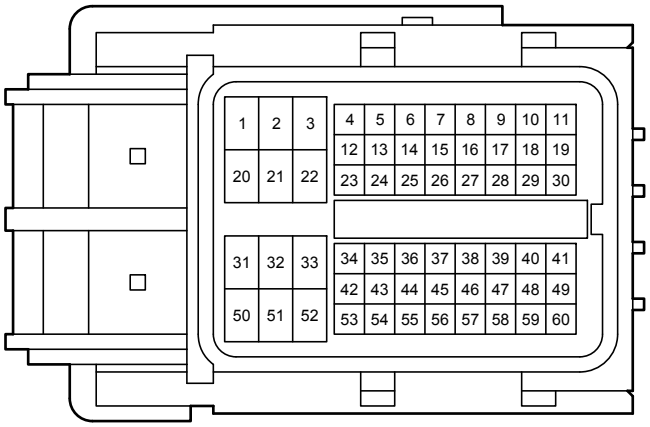

A 34
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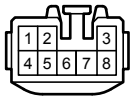

A 37
Blue



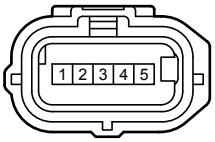

A 38
Black




A 39
Black



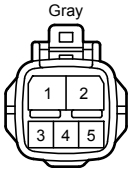

A 44
Black



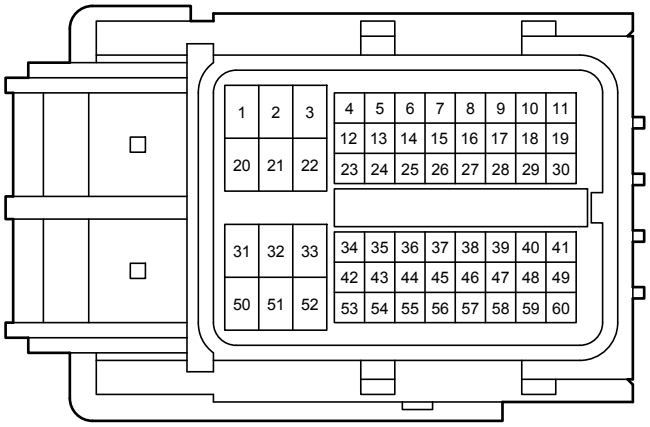

A 49
Gray



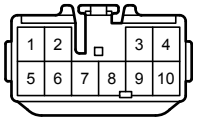

A 50
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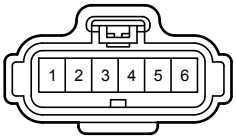

A 53
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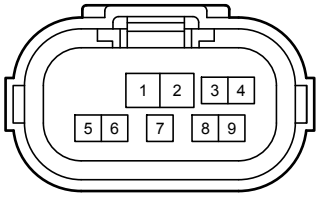
A 58
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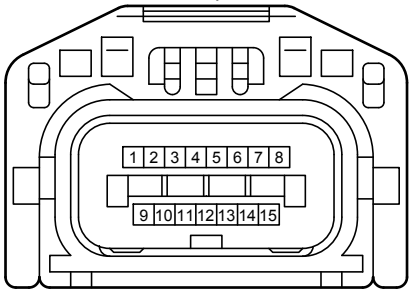

C 4
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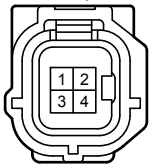

C 19
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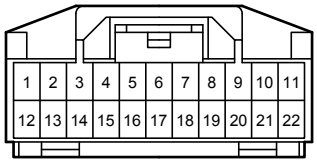

C 39
Gray



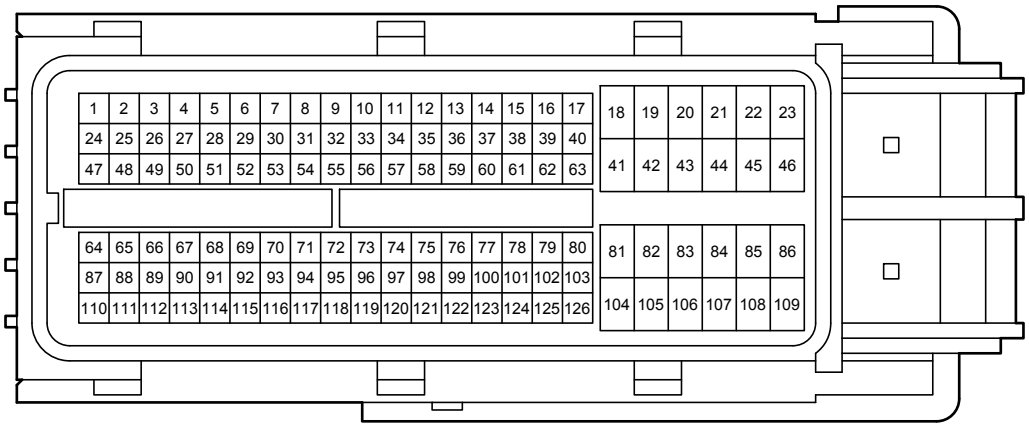

C 40
Gray



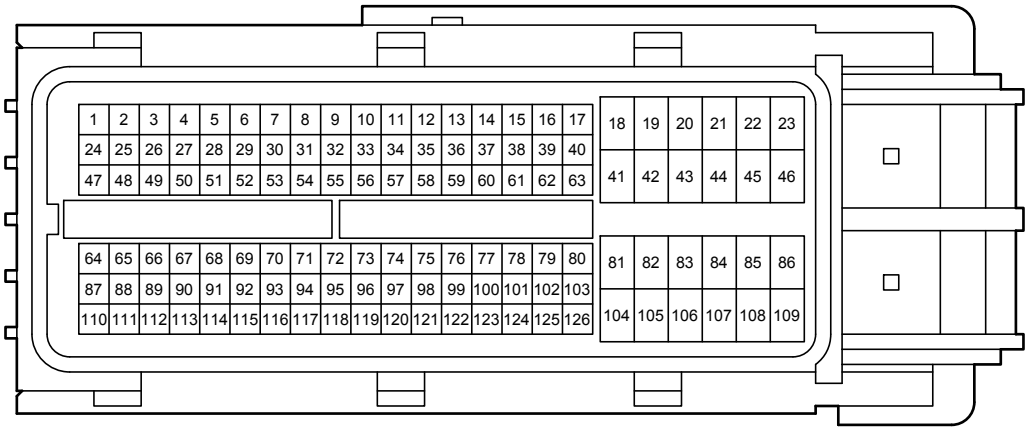

C 52
Blue



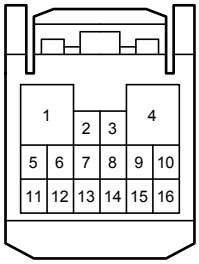

C 53
Black



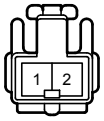

C 54
Black



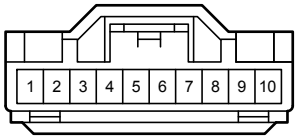
E 3
White




E 5
Blue



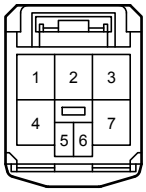

E 11
Gray



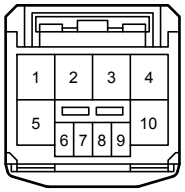

E 12
Black



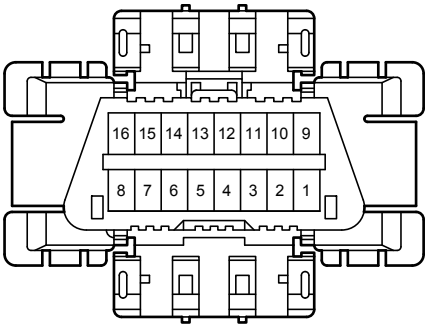

E 15
White



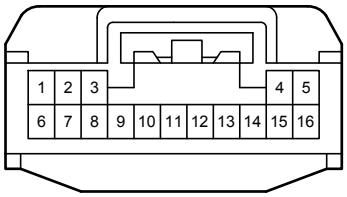

E 16
White



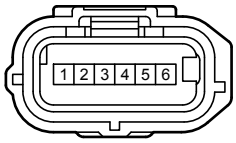

E 22
White



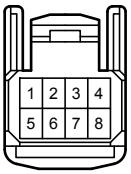

E 31
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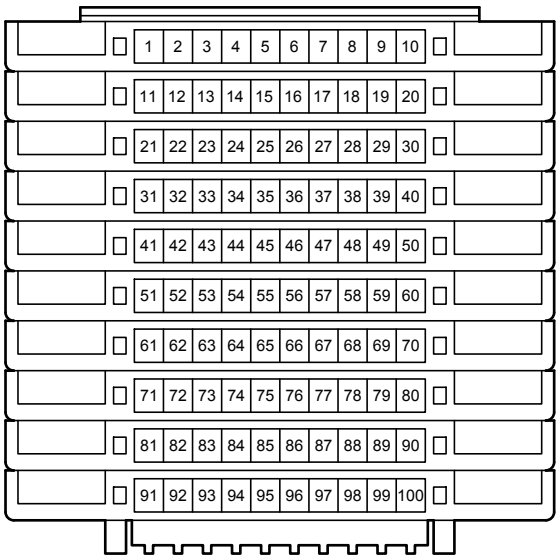

E 50
Black



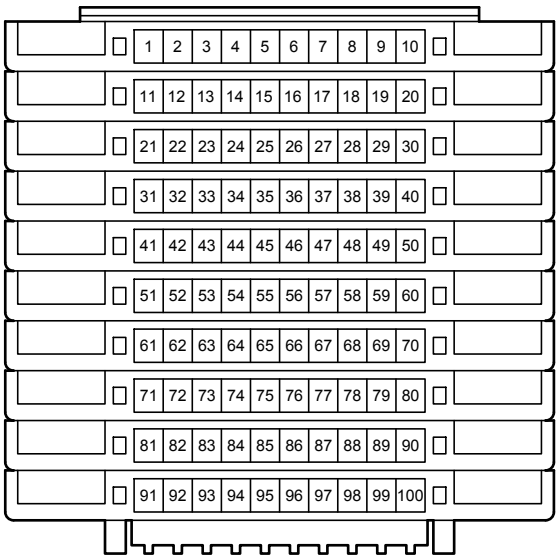

E 52
White



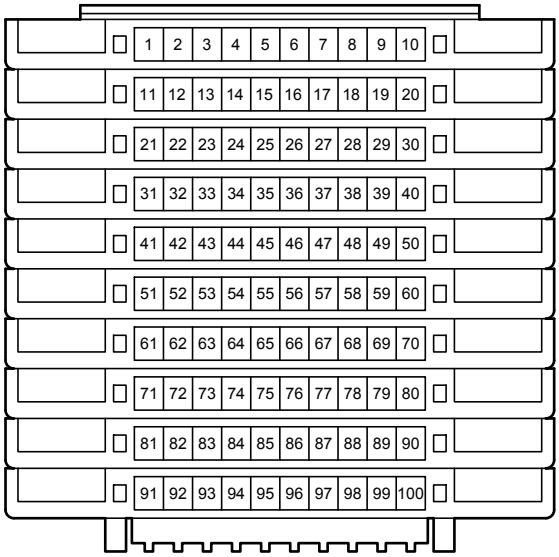

E 58
White



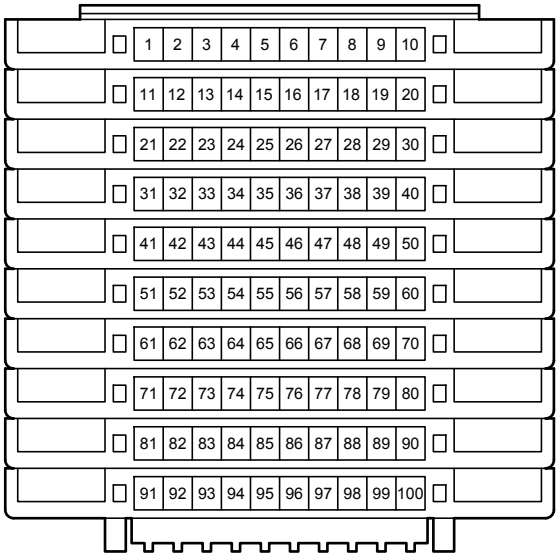

E 59
White



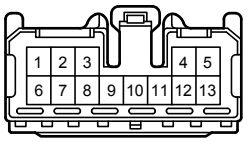
E 60
White



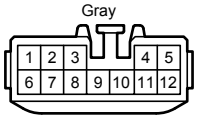

E 61
White



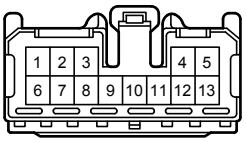

E 62
White



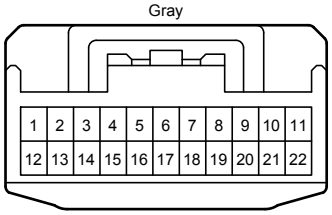

E 63
Gray



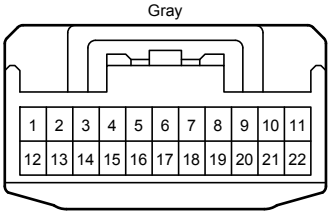

E 66
White



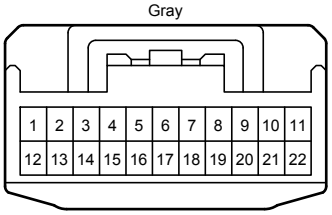

E 68
Gray



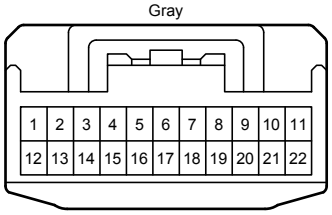

E 69
Gray



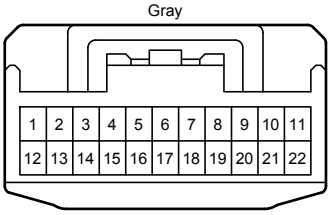

E 71
Gray



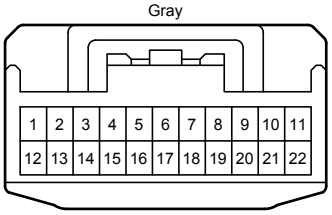

E 72
Gray



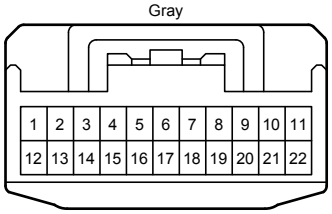

E 73
Gray



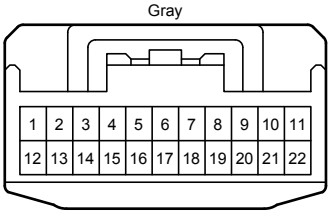

E 74
Gray



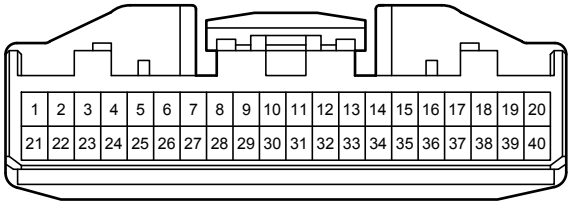

E 75
Gray



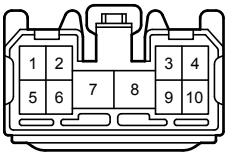

E 76
Gray



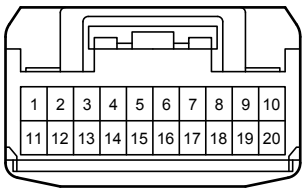
E 77
White



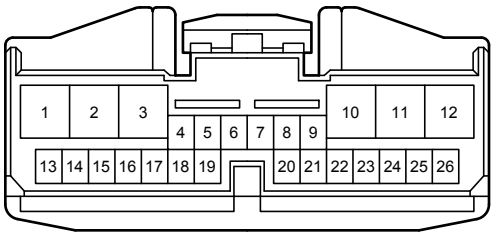

E 82
White



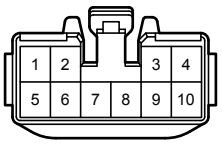

E 84
White



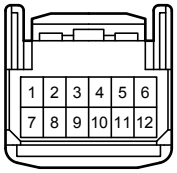

E 86
White



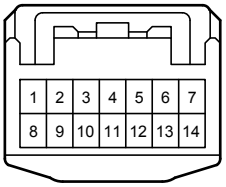

E 89
Blue



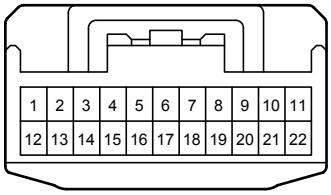

E 90
White



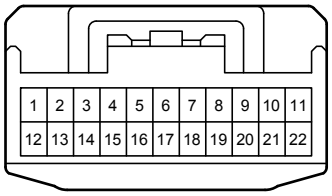

E102
Black



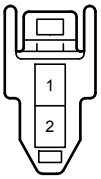

F 21
Black



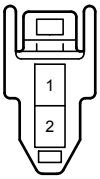

F 79
White



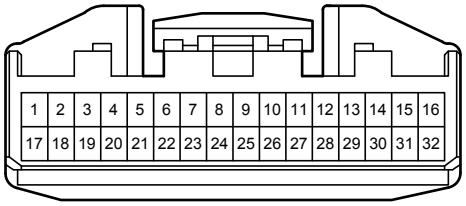

L 29
White



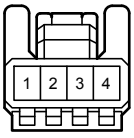

L 30
White



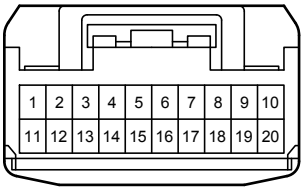

R 7
White



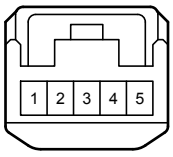

R 11
Black



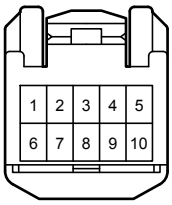

R 12
White



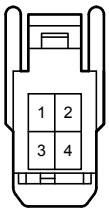

V 5
Black



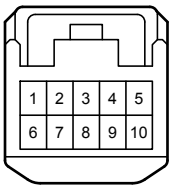

z 35
White



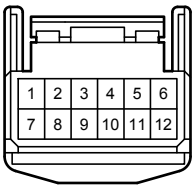

z 36
White



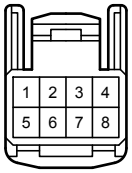

z 51
Blue



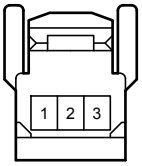

z 54
Black



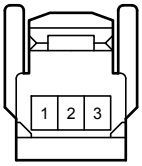
z 55
White



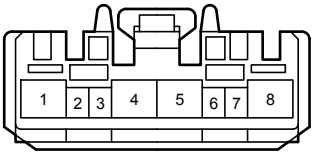

z 56
White



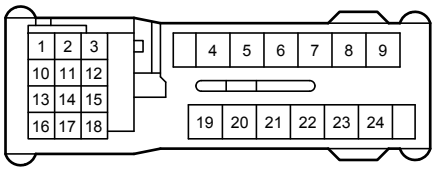

z 57
White



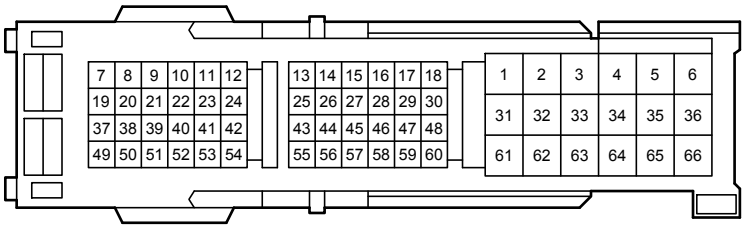

1B
White



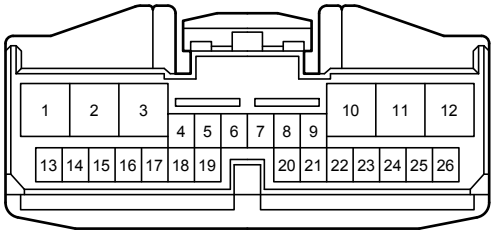

2B
White



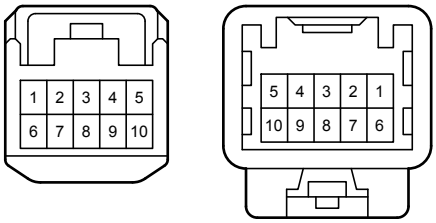

2D
White



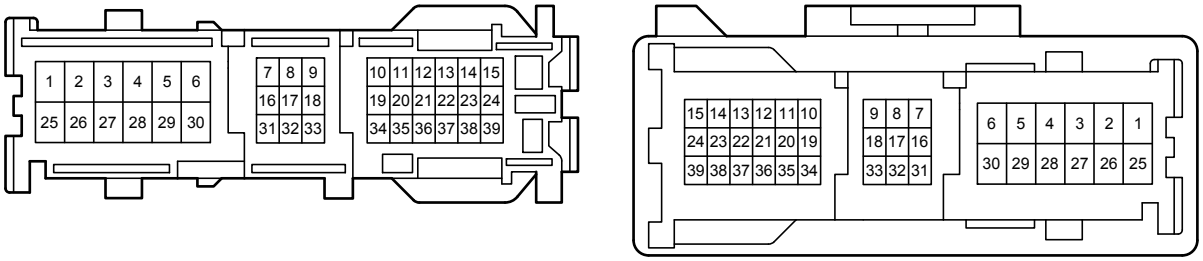

3C
White




AE3
Gray

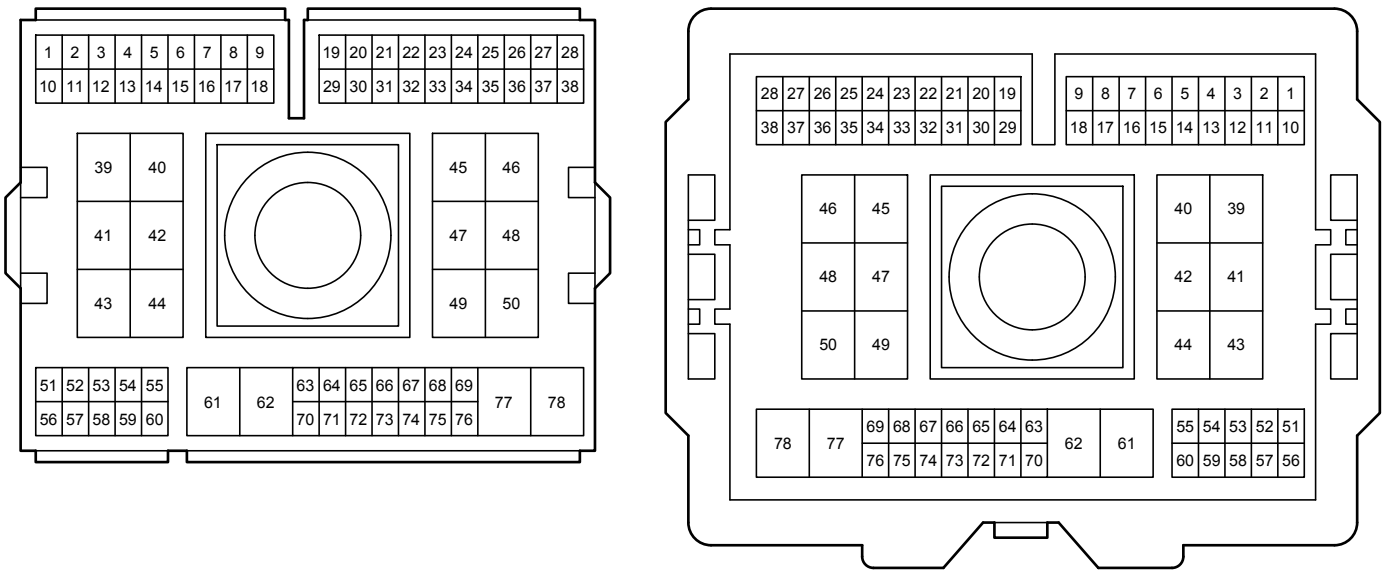



CA3
White



EA1

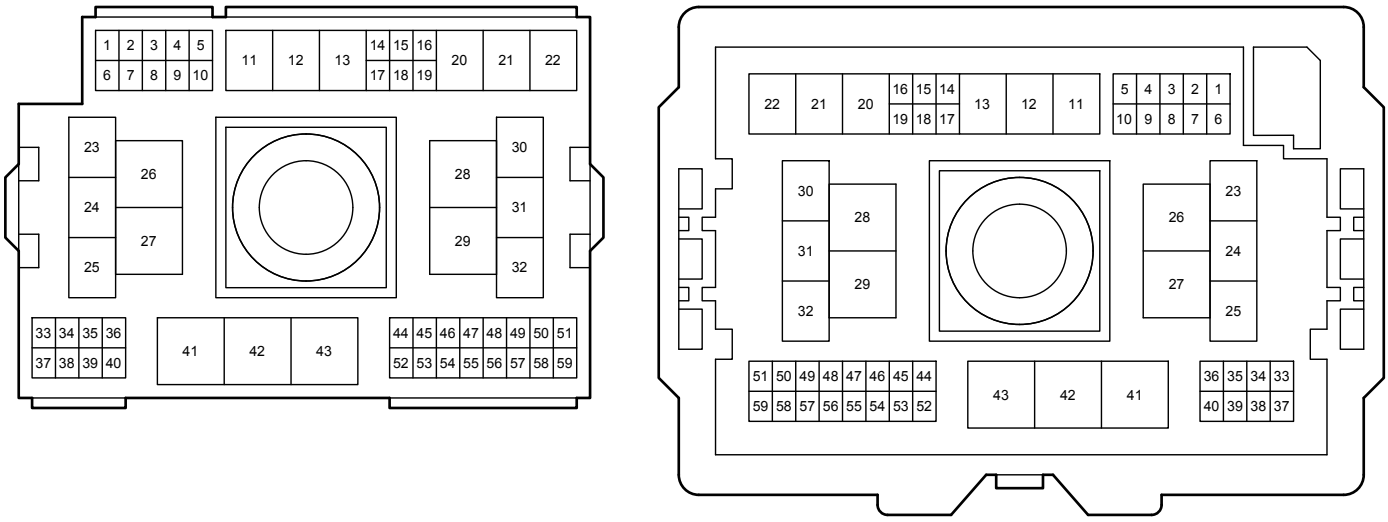
White



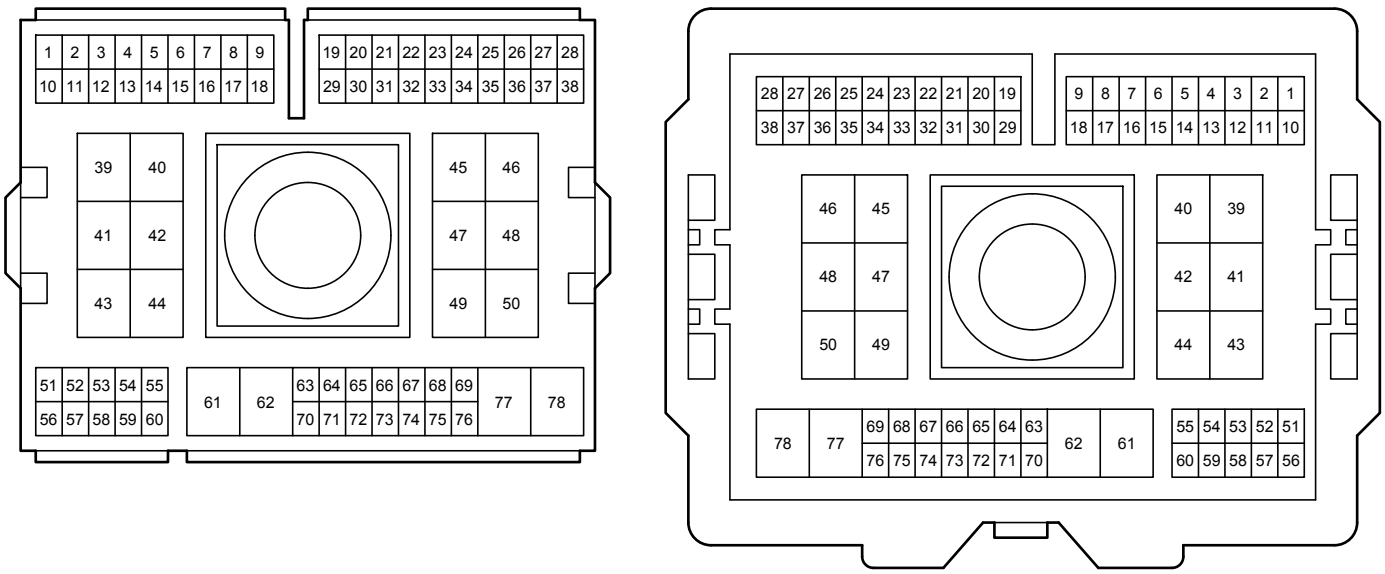

EA2

White

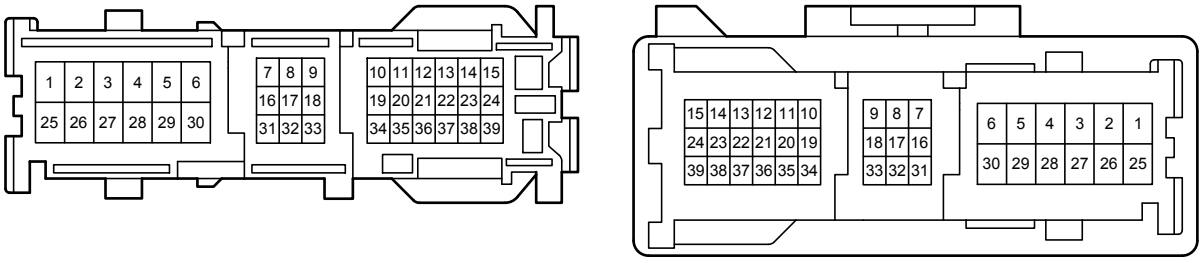
Gray



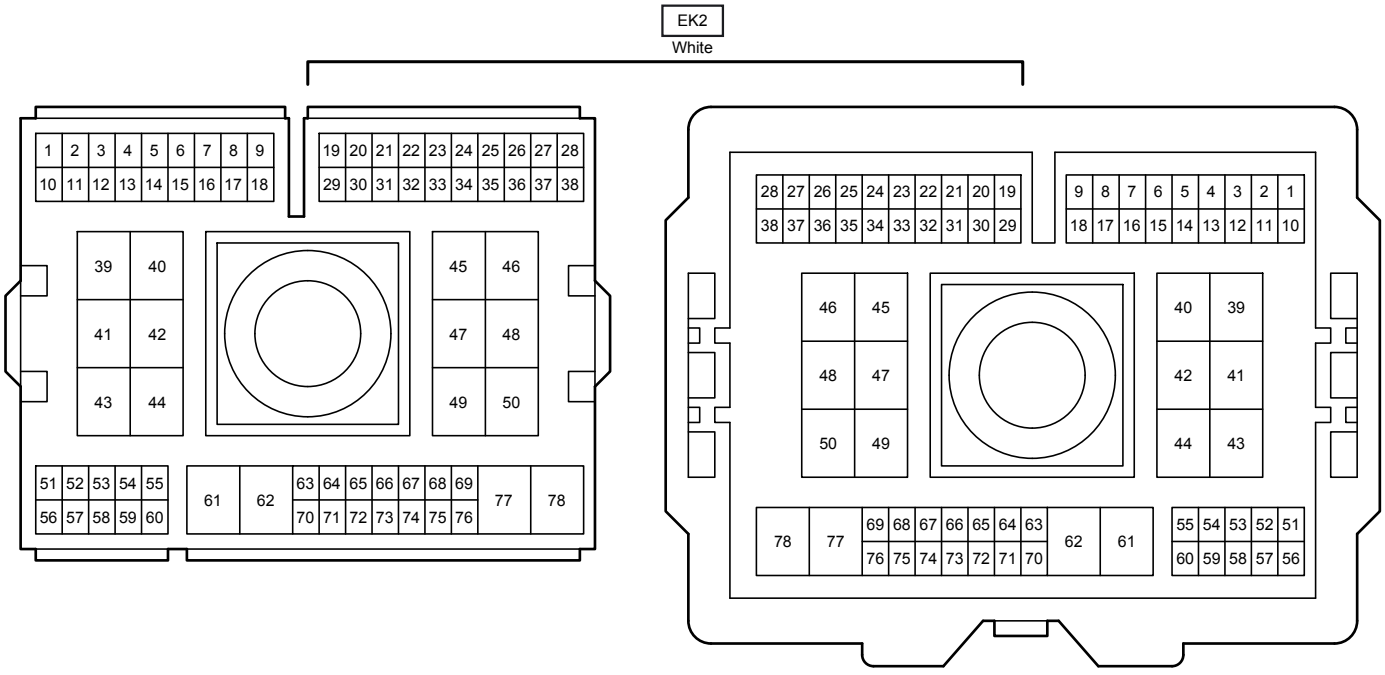
EA3
White



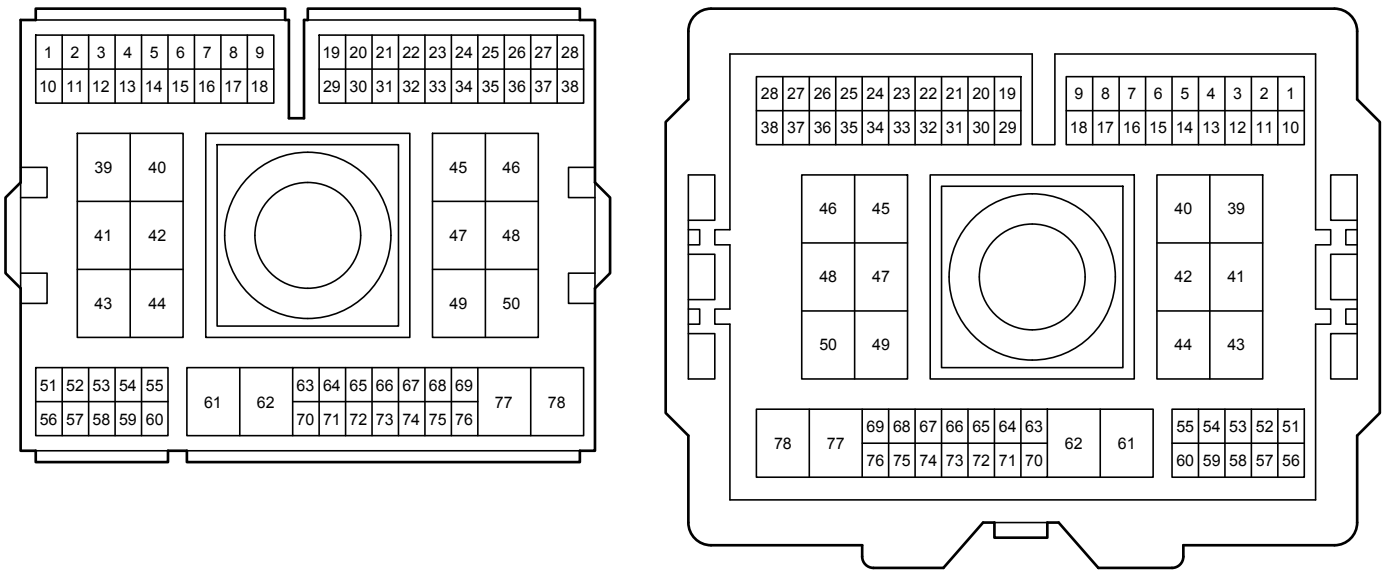

EA4
White



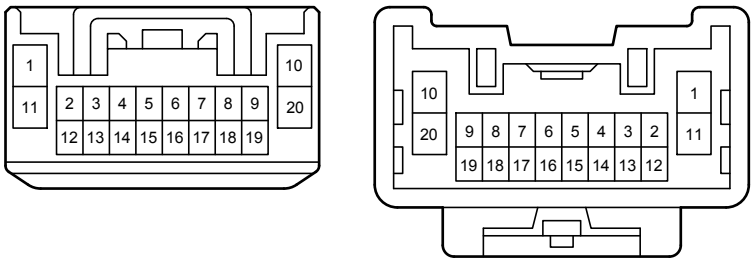

EK2
White



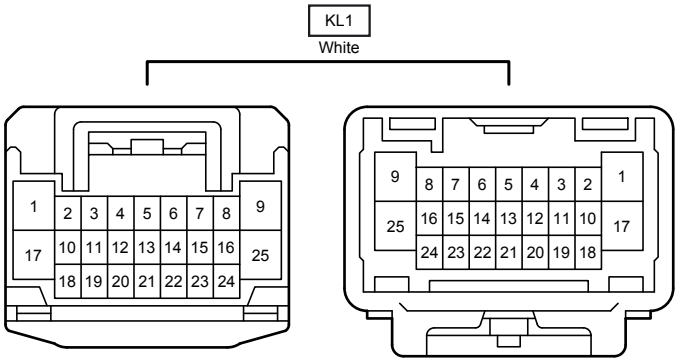
EL1
White



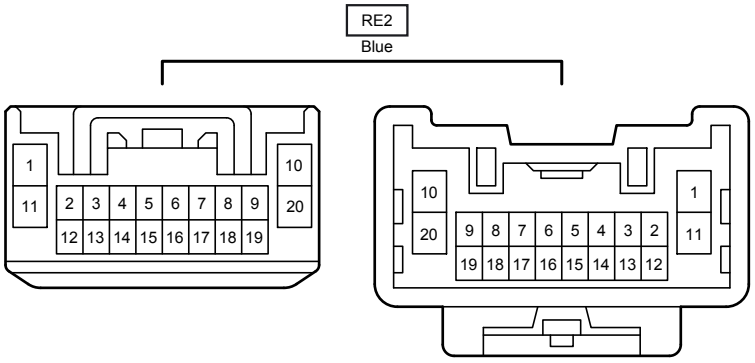

FE4
White

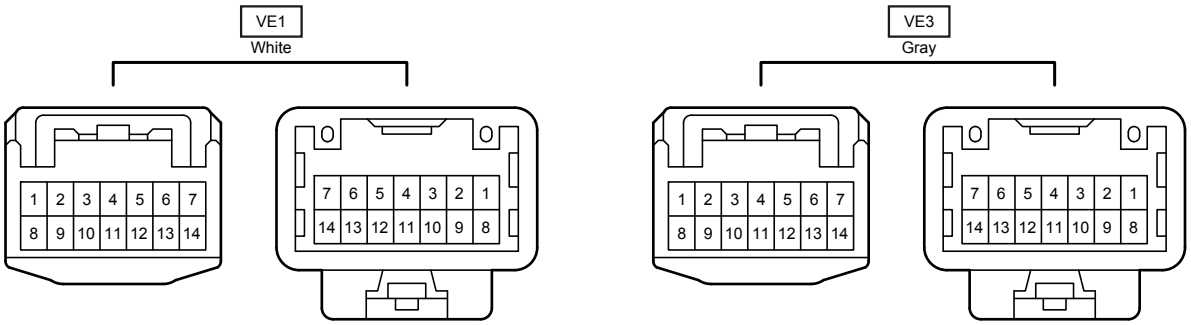


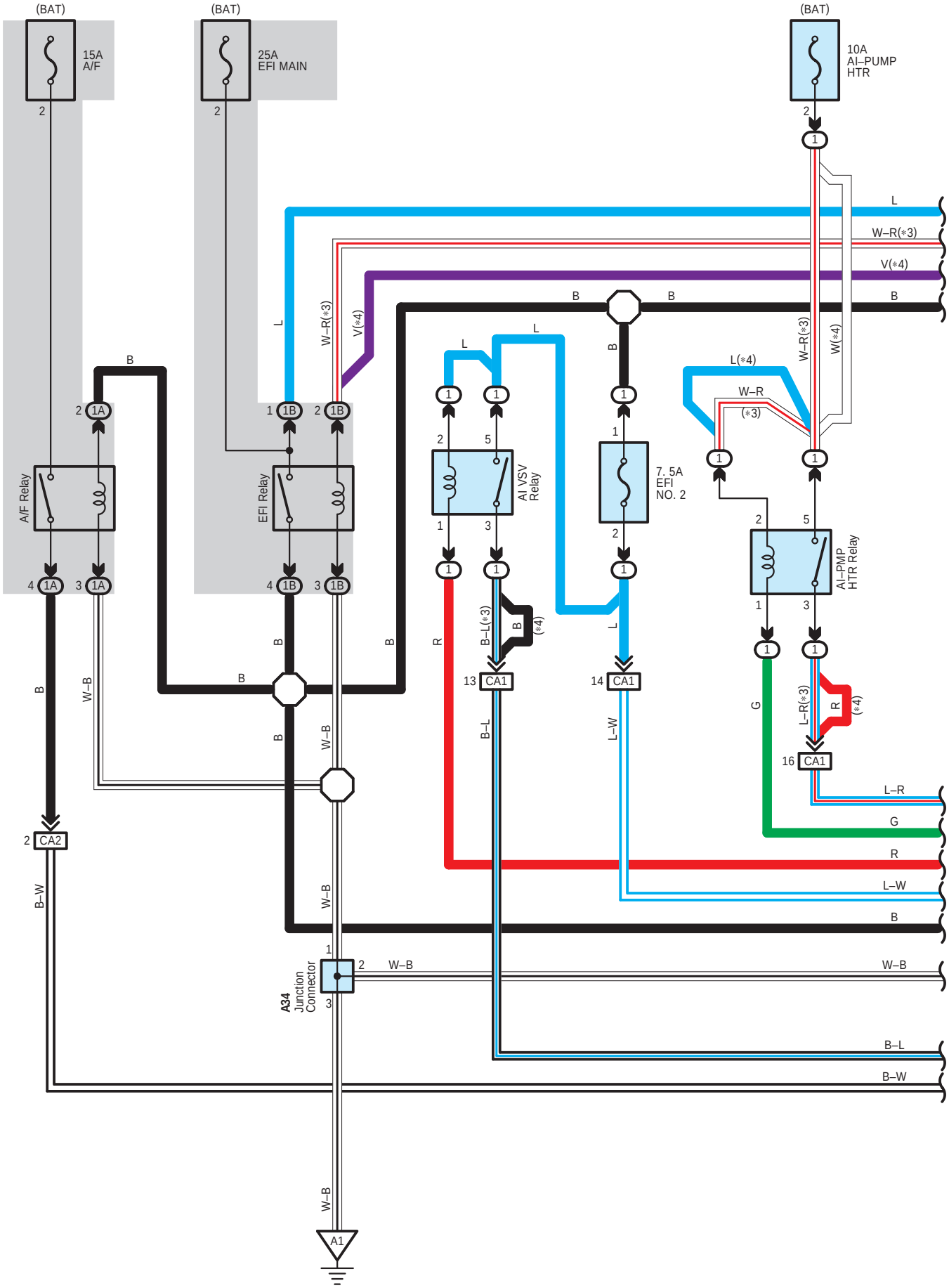

KL1
White

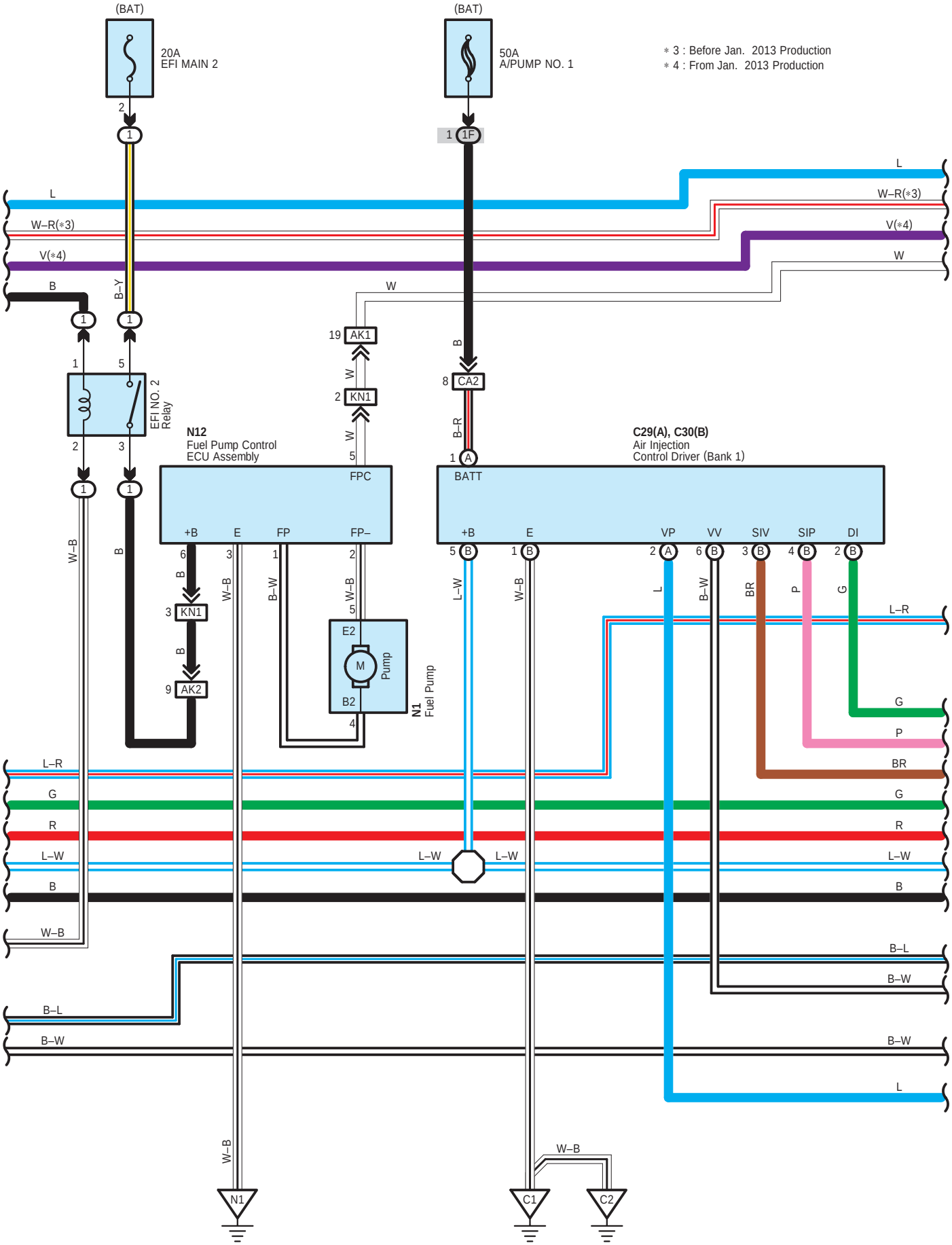


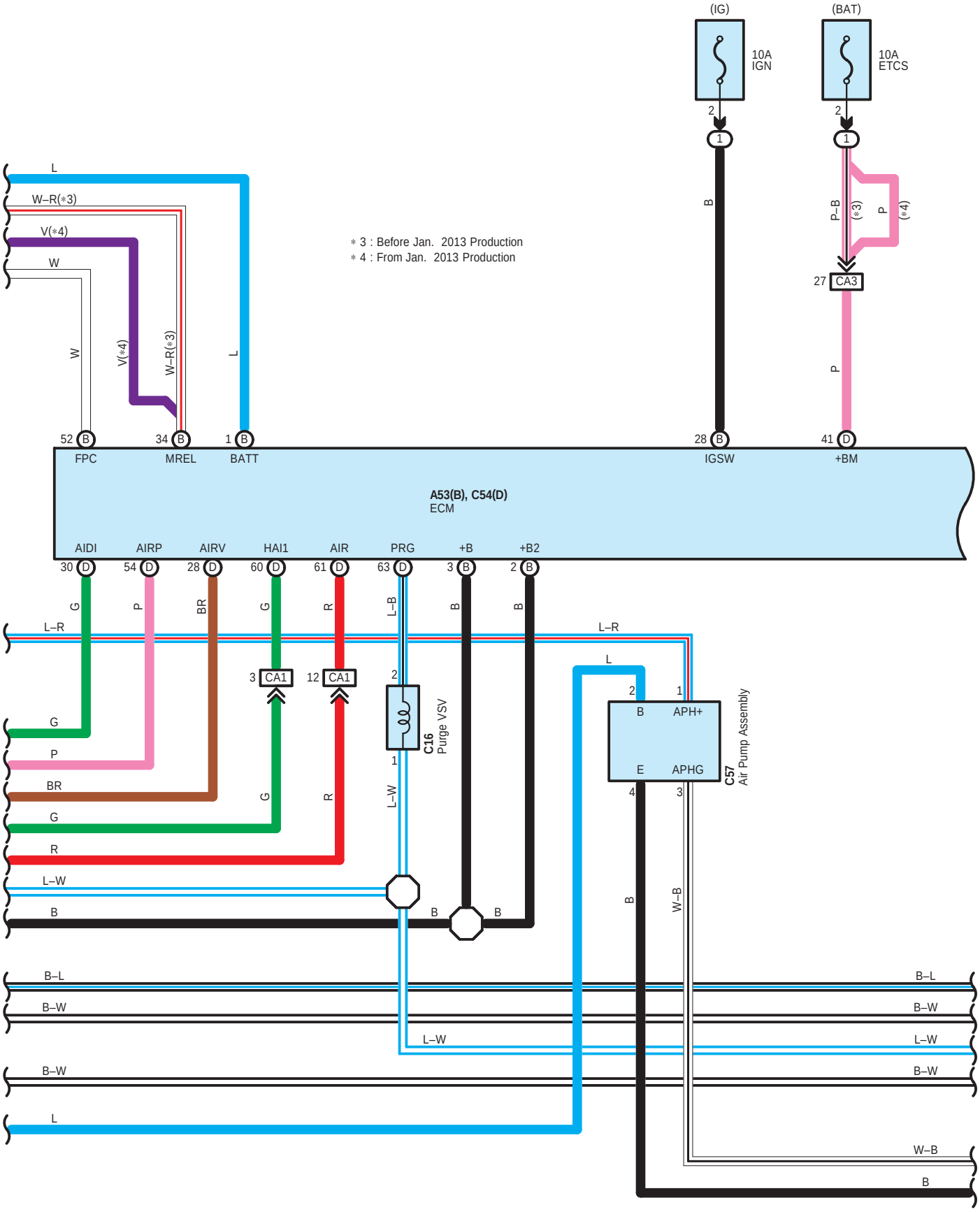

RE2
Blue

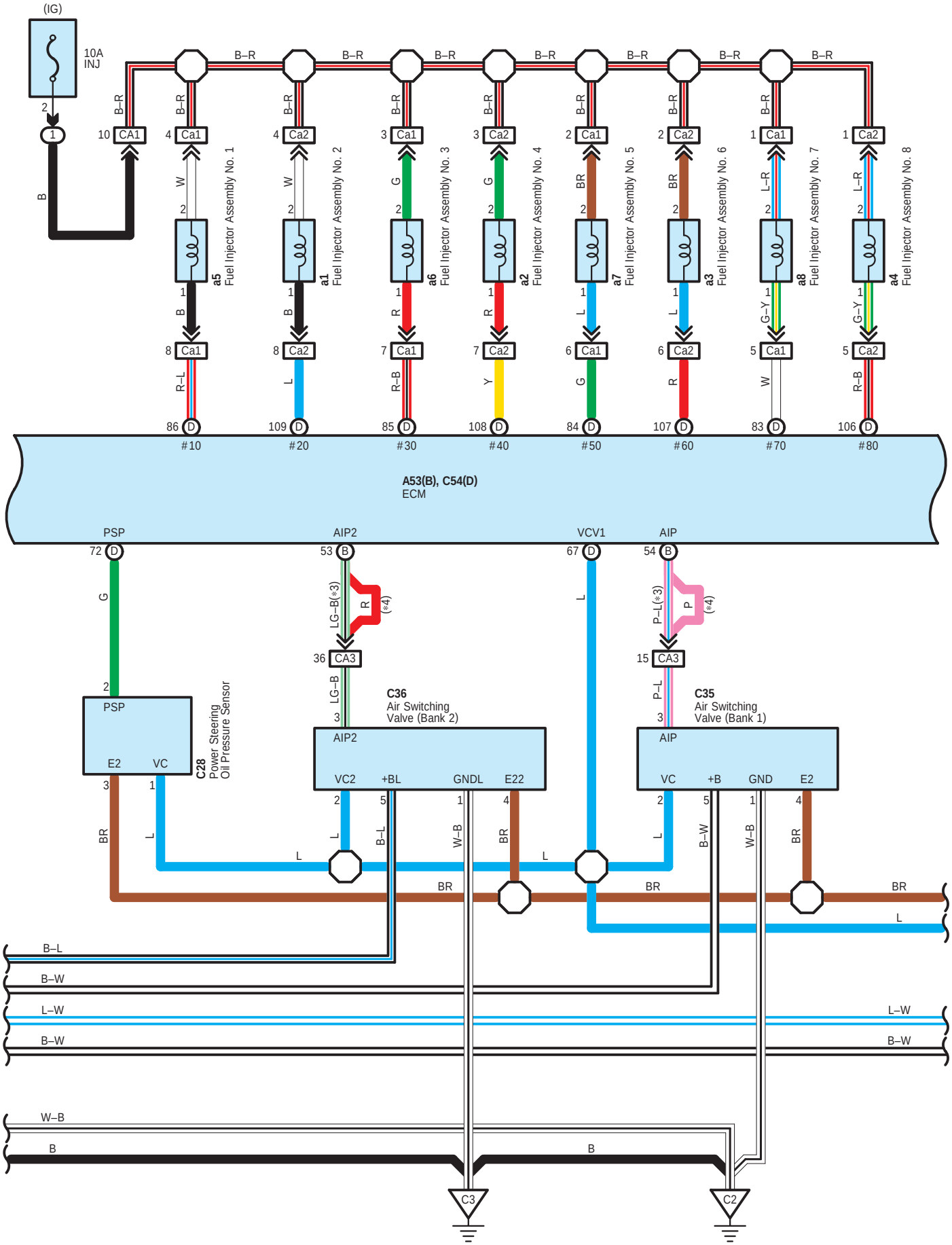


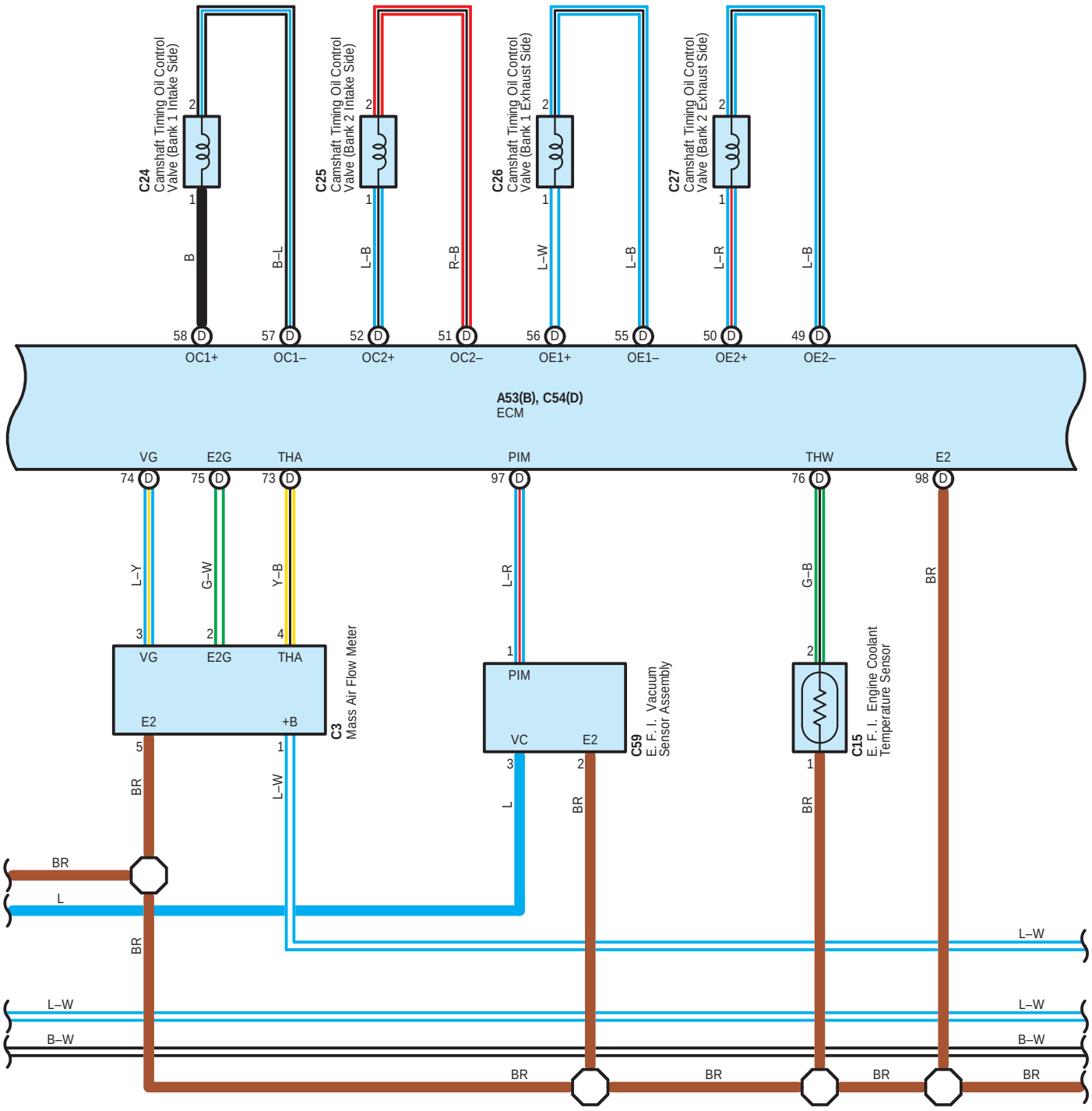

VE1
White
1 2 3 4 5 6 7
8 9 10 11 12 13 14
7 6 5 4 3 2 1
14 13 12 11 10 9 8
VE3
Gray
1 2 3 4 5 6 7
8 9 10 11 12 13 14
7 6 5 4 3 2 1
14 13 12 11 10 9 8


(BAT)
15A
A/F
25A
EFI MAIN
10A
AI–PUMP
HTR
A/F Relay
EFI Relay
AI VSV
Relay
7. 5A
EFI
NO. 2
AI–PMP
HTR Relay
A34
Junction
Connector
CA1
CA2
A1
L
W–R(∗3)
V(∗4)
B
L(∗4)
W–R
(∗3)
W(∗4)
B–L(∗3)
(∗4)
L–R(∗3)
R
G
L–W
B–L
B–W
W–B

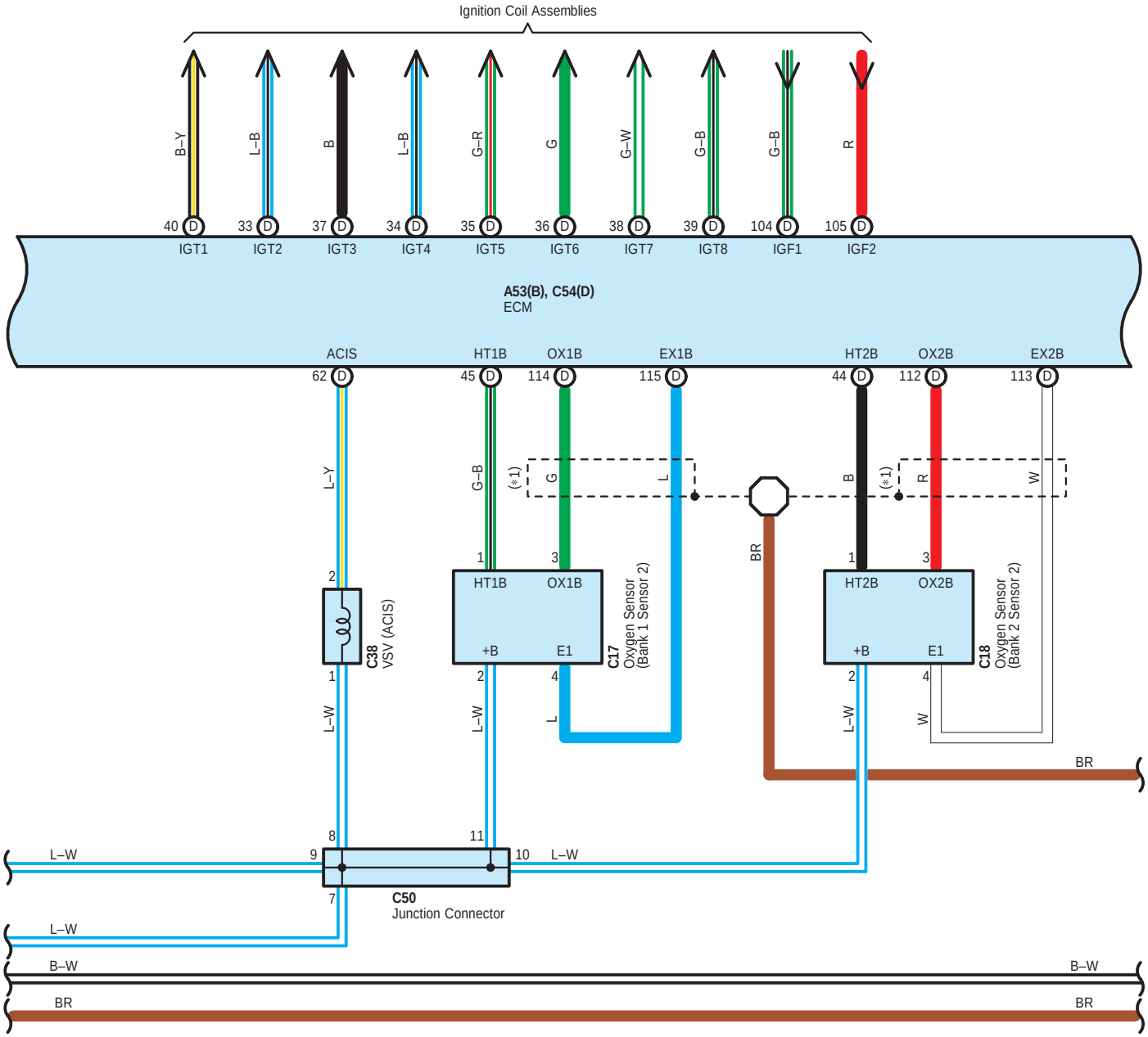

(BAT)
20A
EFI MAIN 2
(BAT)
50A
A/PUMP NO. 1
∗ 3 : Before Jan. 2013 Production
∗ 4 : From Jan. 2013 Production
EFI NO. 2
Relay
N12
Fuel Pump Control
ECU Assembly
FPC
+B
E
FP
FP–
BATT
C29(A), C30(B)
Air Injection
Control Driver (Bank 1)
VP
VV
SIV
SIP
DI
KN1
AK1
CA2
AK2
E2
M
Pump
B2
N1
Fuel Pump
L
W–R(∗3)
V(∗4)
W
B
B–Y
W–B
B–W
L–W
L–R
G
R
P
BR
B–L
N1
C1
C2


(IG)
10A
IGN
(BAT)
10A
ETCS
2
1
B
P–B
(*3)
P
(*4)
27 CA3
P
L
W–R(*3)
V(*4)
W
W
V(*4)
W–R(*3)
L
52 B
FPC
34 B
MREL
1 B
BATT
28 B
IGSW
41 D
+BM
* 3 : Before Jan. 2013 Production
* 4 : From Jan. 2013 Production
A53(B), C54(D)
ECM
AIDI
AIRP
AIRV
HAI1
AIR
PRG
+B
+B2
30 D
54 D
28 D
60 D
61 D
63 D
3 B
2 B
G
P
BR
G
R
L–B
B
B
L–R
L–R
3 CA1
12 CA1
2
1
C16
Purge VSV
L–W
G
P
BR
G
R
L–W
B
B
B
L
2
1
B
APH+
E
APHG
C57
Air Pump Assembly
4
3
B
W–B
B–L
B–W
L–W
B–W
L
B–L
B–W
L–W
B–W
W–B
B

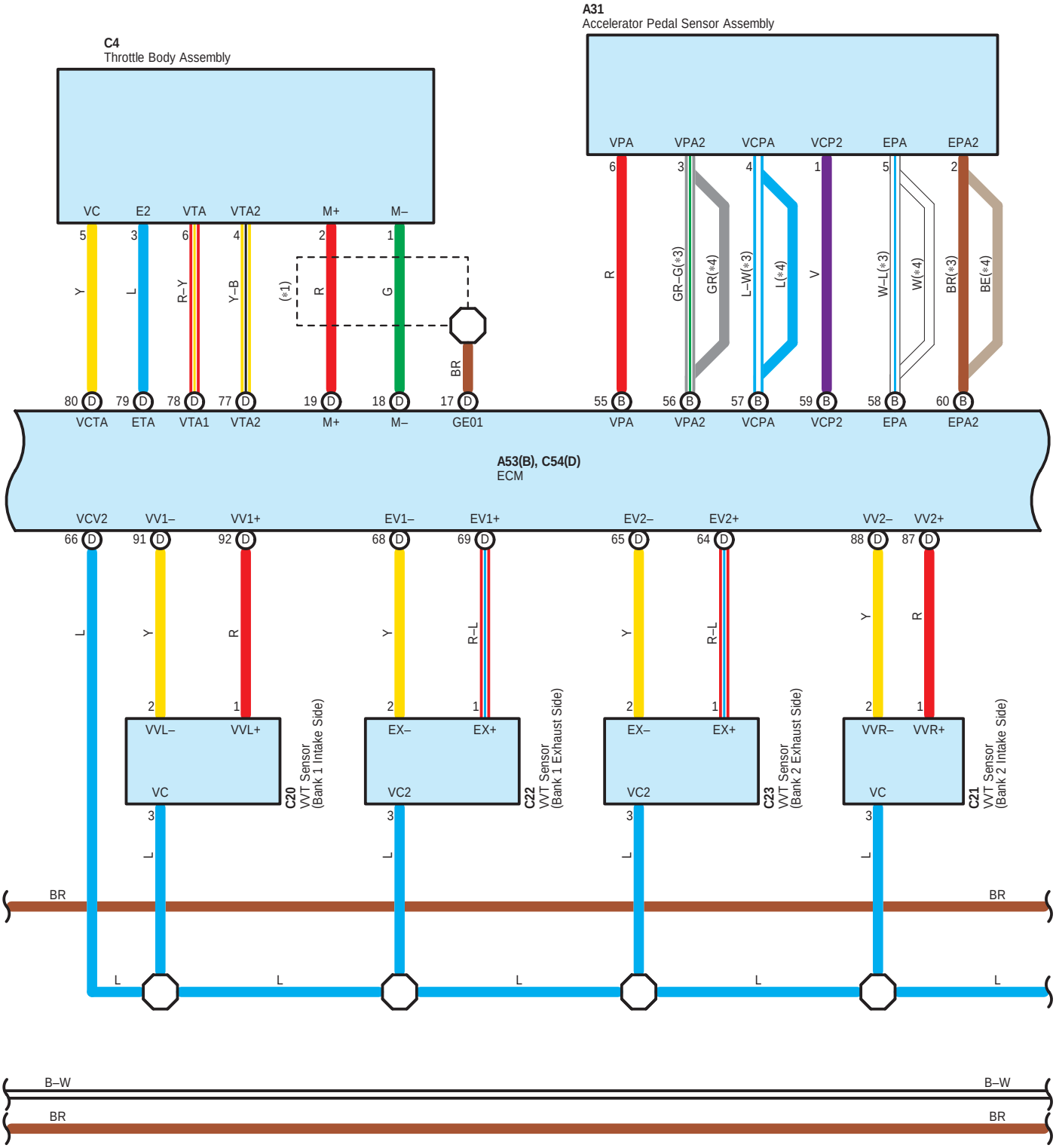

(IG)
10A
INJ
B–R
B
CA1
Ca1
Ca2
W
G
BR
L–R
G–Y
R–L
R–B
a5 Fuel Injector Assembly No. 1
a1 Fuel Injector Assembly No. 2
a6 Fuel Injector Assembly No. 3
a2 Fuel Injector Assembly No. 4
a7 Fuel Injector Assembly No. 5
a3 Fuel Injector Assembly No. 6
a8 Fuel Injector Assembly No. 7
a4 Fuel Injector Assembly No. 8
#10
#20
#30
#40
#50
#60
#70
#80
A53(B), C54(D)
ECM
PSP
AIP2
VCV1
AIP
LG–B(*3)
P–L(*3)
(*4)
CA3
C28
Power Steering
Oil Pressure Sensor
C36
Air Switching
Valve (Bank 2)
C35
Air Switching
Valve (Bank 1)
E2
VC
VC2
+BL
GNDL
E22
+B
GND
B–L
B–W
W–B
L–W
C3
C2

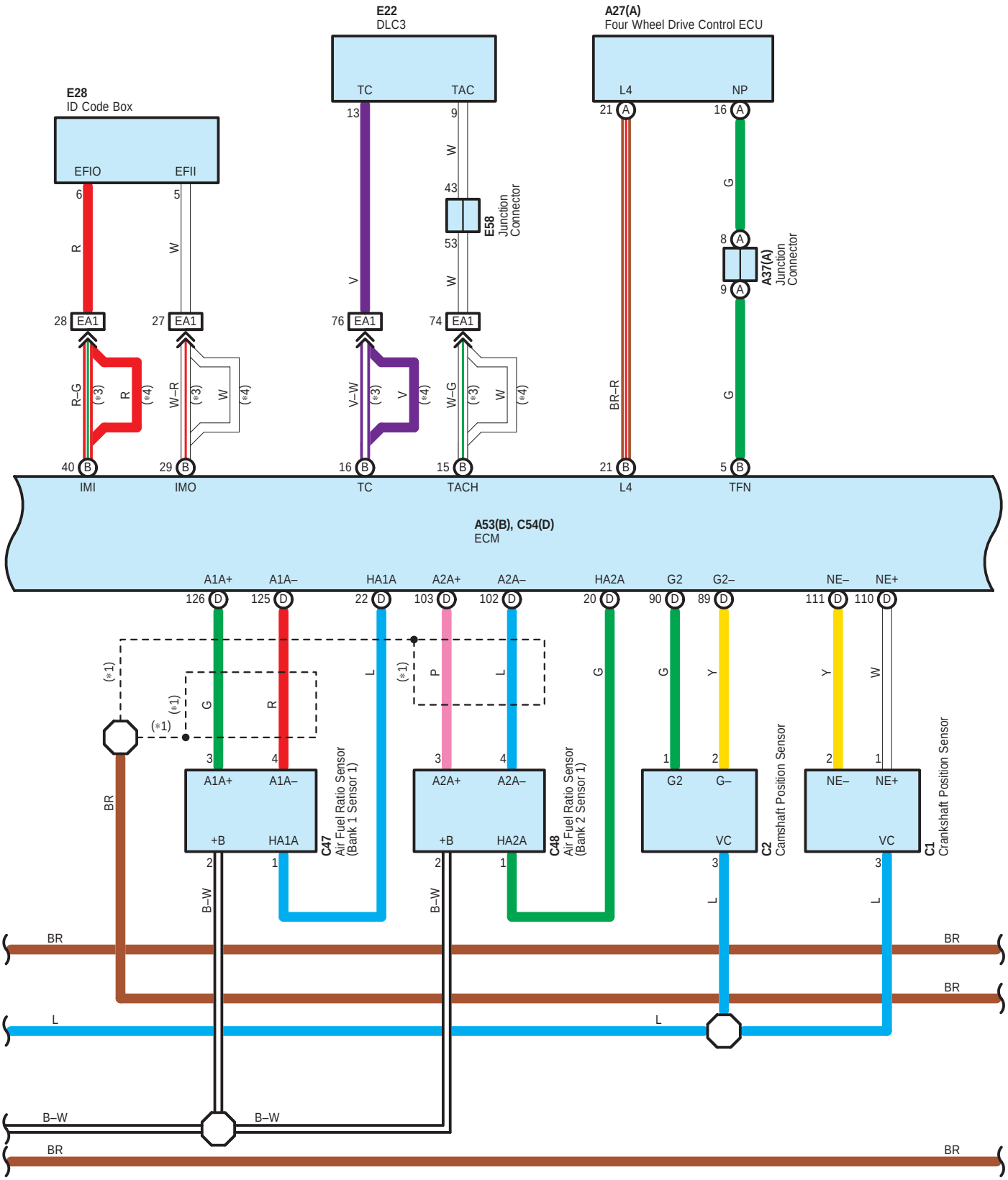

C24
Camshaft Timing Oil Control Valve (Bank 1 Intake Side)
C25
Camshaft Timing Oil Control Valve (Bank 2 Intake Side)
C26
Camshaft Timing Oil Control Valve (Bank 1 Exhaust Side)
C27
Camshaft Timing Oil Control Valve (Bank 2 Exhaust Side)
B
B–L
L–B
R–B
L–W
L–B
L–R
L–B
58 OC1+
57 OC1–
52 OC2+
51 OC2–
56 OE1+
55 OE1–
50 OE2+
49 OE2–
A53(B), C54(D)
ECM
VG
E2G
THA
PIM
THW
E2
74
75
73
97
76
98
L–Y
G–W
Y–B
L–R
G–B
BR
C3
Mass Air Flow Meter
C59
E. F. I. Vacuum Sensor Assembly
C15
E. F. I. Engine Coolant Temperature Sensor
E2
+B
VC
BR
L
L–W
B–W

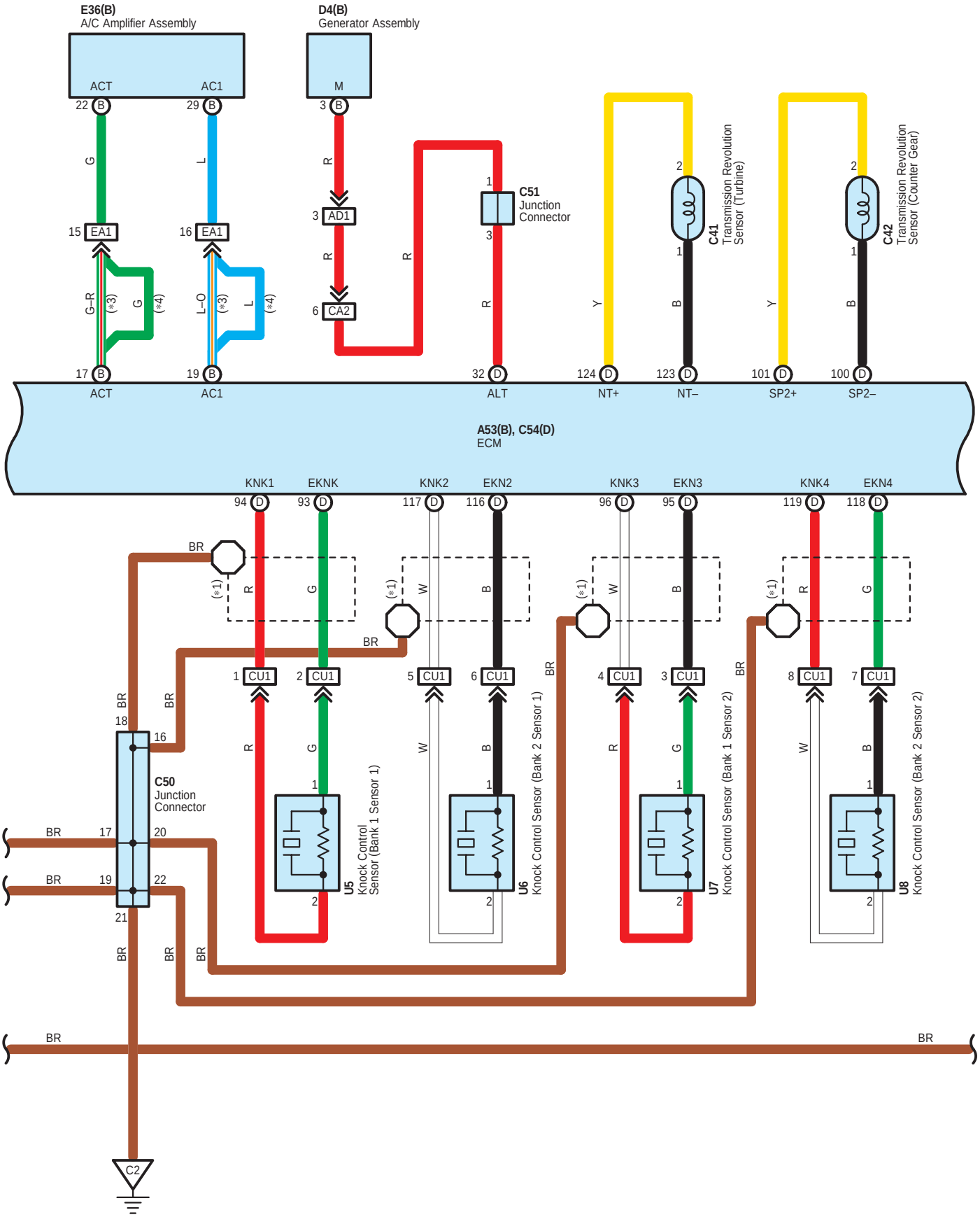
* 1 : Shielded

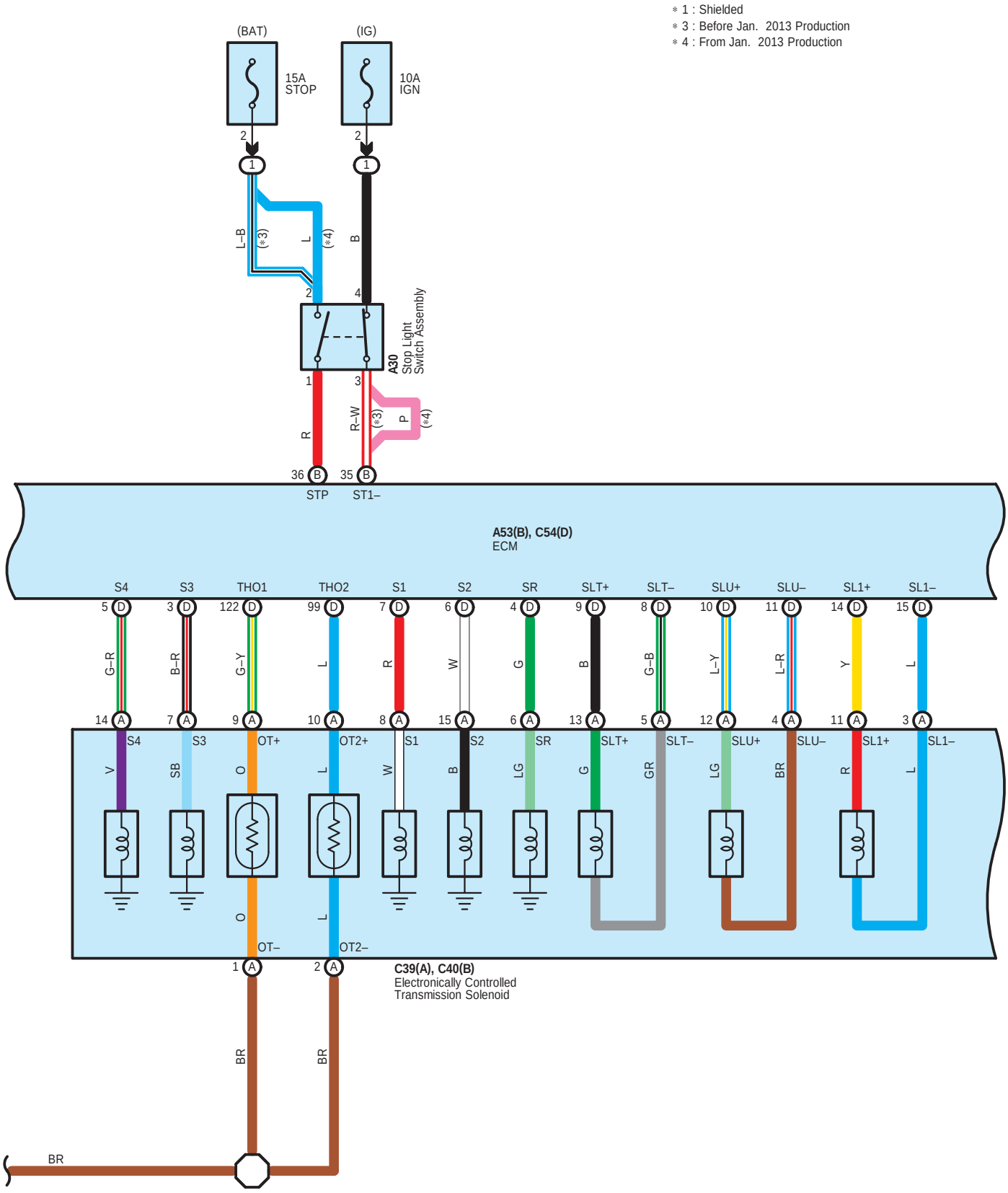

Ignition Coil Assemblies
B–Y
L–B
B
L–B
G–R
G
G–W
G–B
G–B
R
40 D IGT1
33 D IGT2
37 D IGT3
34 D IGT4
35 D IGT5
36 D IGT6
38 D IGT7
39 D IGT8
104 D IGF1
105 D IGF2
A53(B), C54(D)
ECM
ACIS
HT1B
OX1B
EX1B
HT2B
OX2B
EX2B
62 D
45 D
114 D
115 D
44 D
112 D
113 D
L–Y
G–B
(*1)
G
L
B
(*1)
R
W
BR
2
1
3
1
3
HT1B
OX1B
+B
E1
HT2B
OX2B
+B
E1
C38
VSV (ACIS)
C17
Oxygen Sensor
(Bank 1 Sensor 2)
C18
Oxygen Sensor
(Bank 2 Sensor 2)
1
2
4
2
4
L–W
L–W
L
L–W
W
BR
8
11
9
10
L–W
L–W
7
C50
Junction Connector
L–W
B–W
BR
B–W
BR

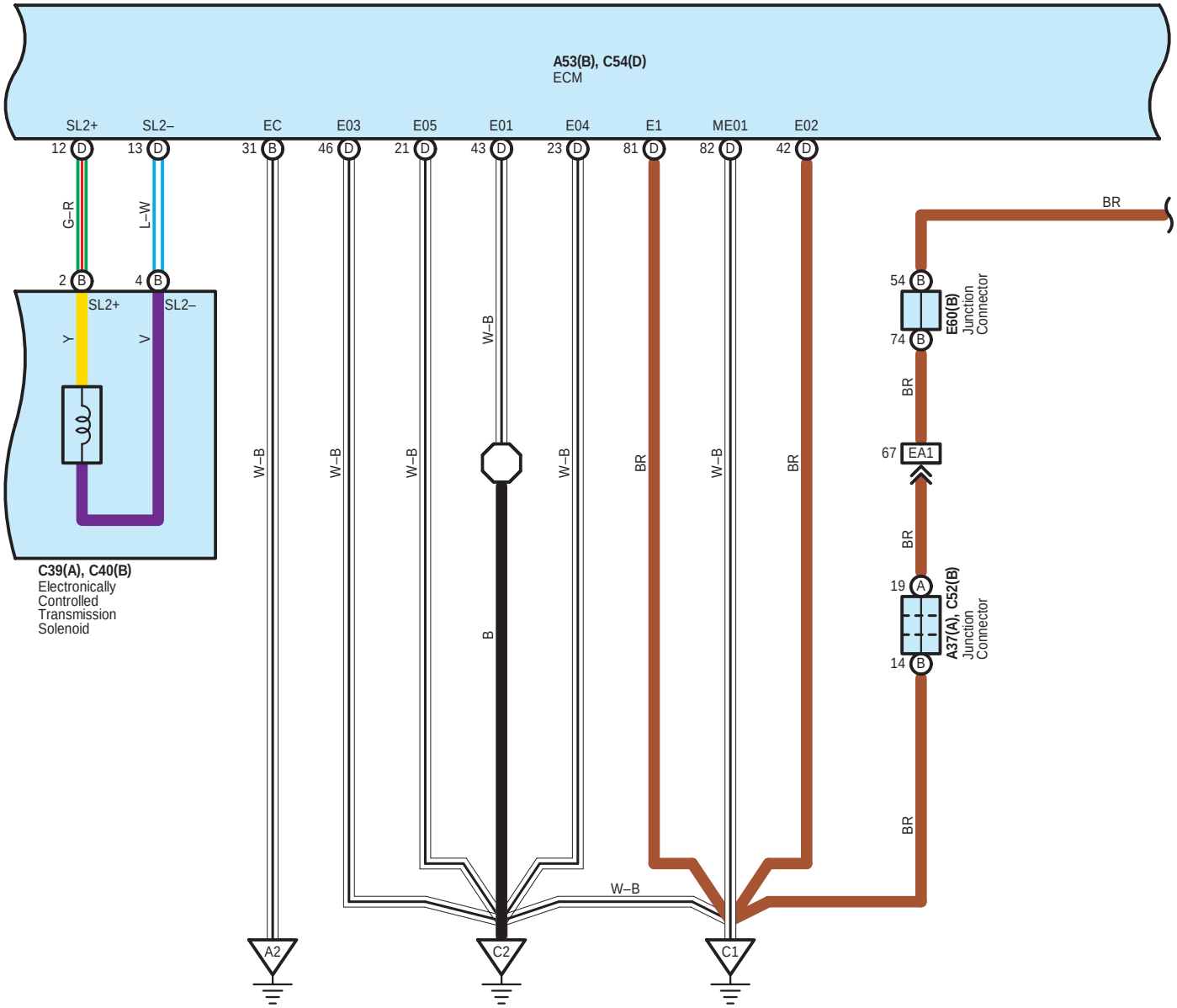
* 1 : Shielded
* 3 : Before Jan. 2013 Production
* 4 : From Jan. 2013 Production



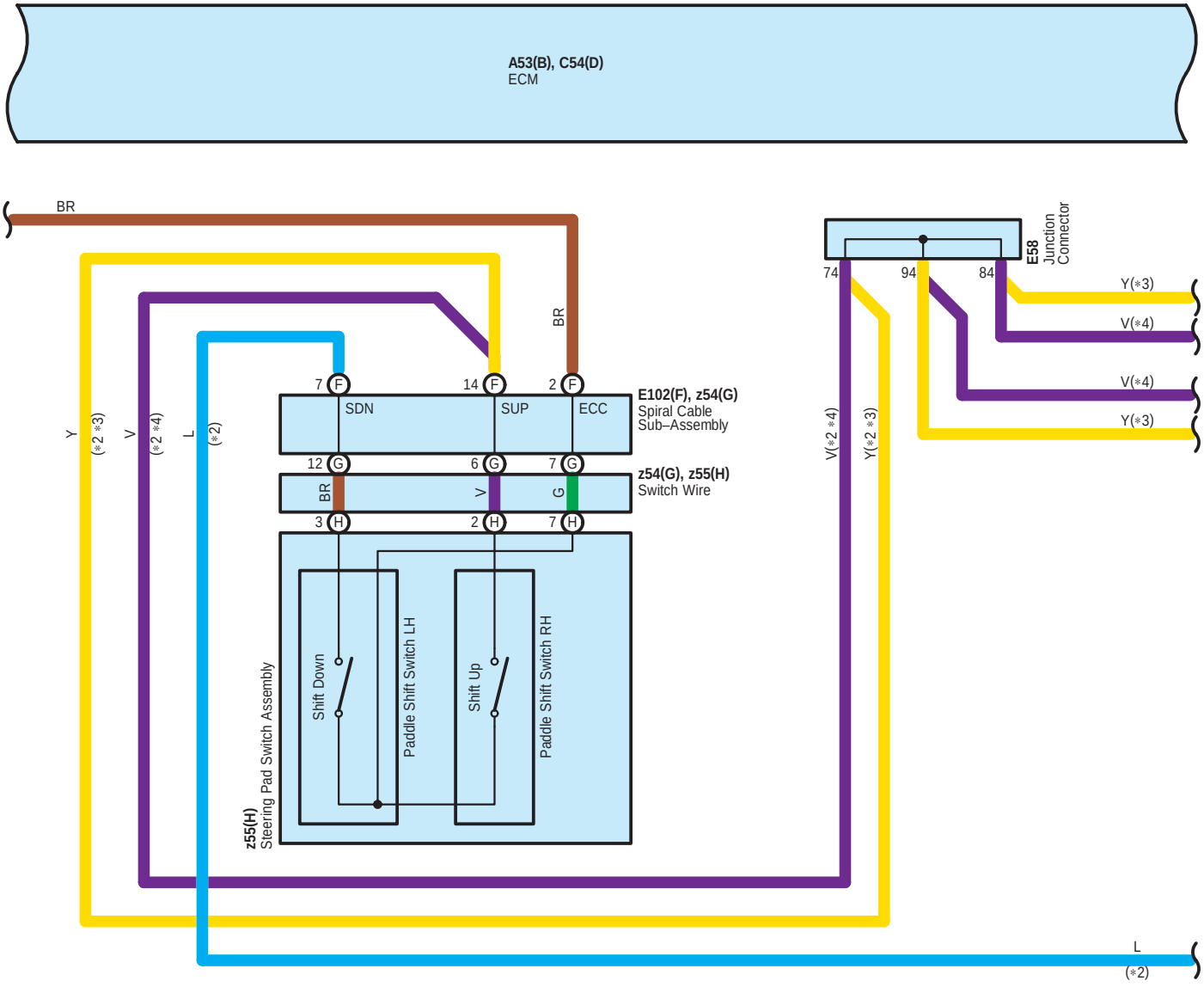

E22
DLC3
TC
TAC
13
9
W
43
E58
Junction
Connector
53
W
V
76
EA1
74
EA1
A27(A)
Four Wheel Drive Control ECU
L4
NP
21
16
G
8
A37(A)
Junction
Connector
9
G
BR–R
E28
ID Code Box
EFIO
EFII
6
5
R
W
28
EA1
27
EA1
R–G
W–R
V–W
W–G
(*3)
(*4)
R
W
V
W
40
29
16
15
21
5
IMI
IMO
TC
TACH
L4
TFN
A53(B), C54(D)
ECM
A1A+
A1A–
HA1A
A2A+
A2A–
HA2A
G2
G2–
NE–
NE+
126
125
22
103
102
20
90
89
111
110
(*1)
G
R
L
P
L
G
G
Y
Y
W
3
4
3
4
1
2
2
1
A1A+
A1A–
+B
HA1A
C47
Air Fuel Ratio Sensor
(Bank 1 Sensor 1)
A2A+
A2A–
+B
HA2A
C48
Air Fuel Ratio Sensor
(Bank 2 Sensor 1)
G2
G–
VC
C2
Camshaft Position Sensor
NE–
NE+
VC
C1
Crankshaft Position Sensor
2
1
2
1
3
3
BR
B–W
L
BR
BR
BR
L
L
B–W
B–W
BR
BR

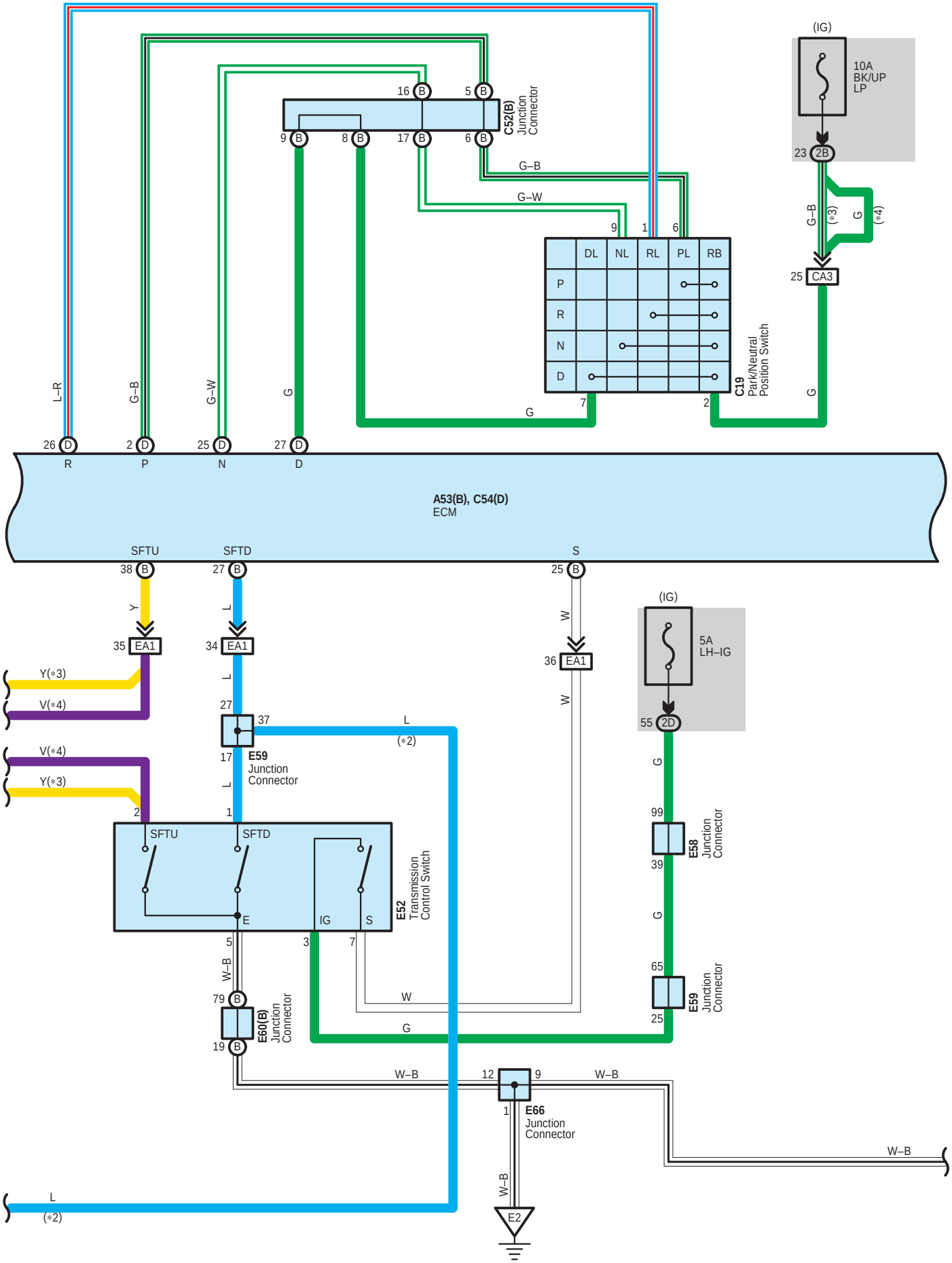

E36(B)
A/C Amplifier Assembly
ACT
AC1
22 B
29 B
G
L
15 EA1
16 EA1
G–R
L–O
(*3)
(*4)
G
L
17 B
19 B
ACT
AC1
D4(B)
Generator Assembly
M
3 B
R
3 AD1
6 CA2
C51
Junction
Connector
1
3
32 D
ALT
Y
B
124 D
NT+
123 D
NT–
C41
Transmission Revolution
Sensor (Turbine)
2
1
101 D
SP2+
100 D
SP2–
C42
Transmission Revolution
Sensor (Counter Gear)
A53(B), C54(D)
ECM
KNK1
EKNK
KNK2
EKN2
KNK3
EKN3
KNK4
EKN4
94 D
93 D
117 D
116 D
96 D
95 D
119 D
118 D
BR
(*1)
R
G
W
B
1 CU1
2 CU1
5 CU1
6 CU1
4 CU1
3 CU1
8 CU1
7 CU1
C50
Junction
Connector
18
16
17
20
19
22
21
U5
Knock Control
Sensor (Bank 1 Sensor 1)
U6
Knock Control Sensor (Bank 2 Sensor 1)
U7
Knock Control Sensor (Bank 1 Sensor 2)
U8
Knock Control Sensor (Bank 2 Sensor 2)
C2

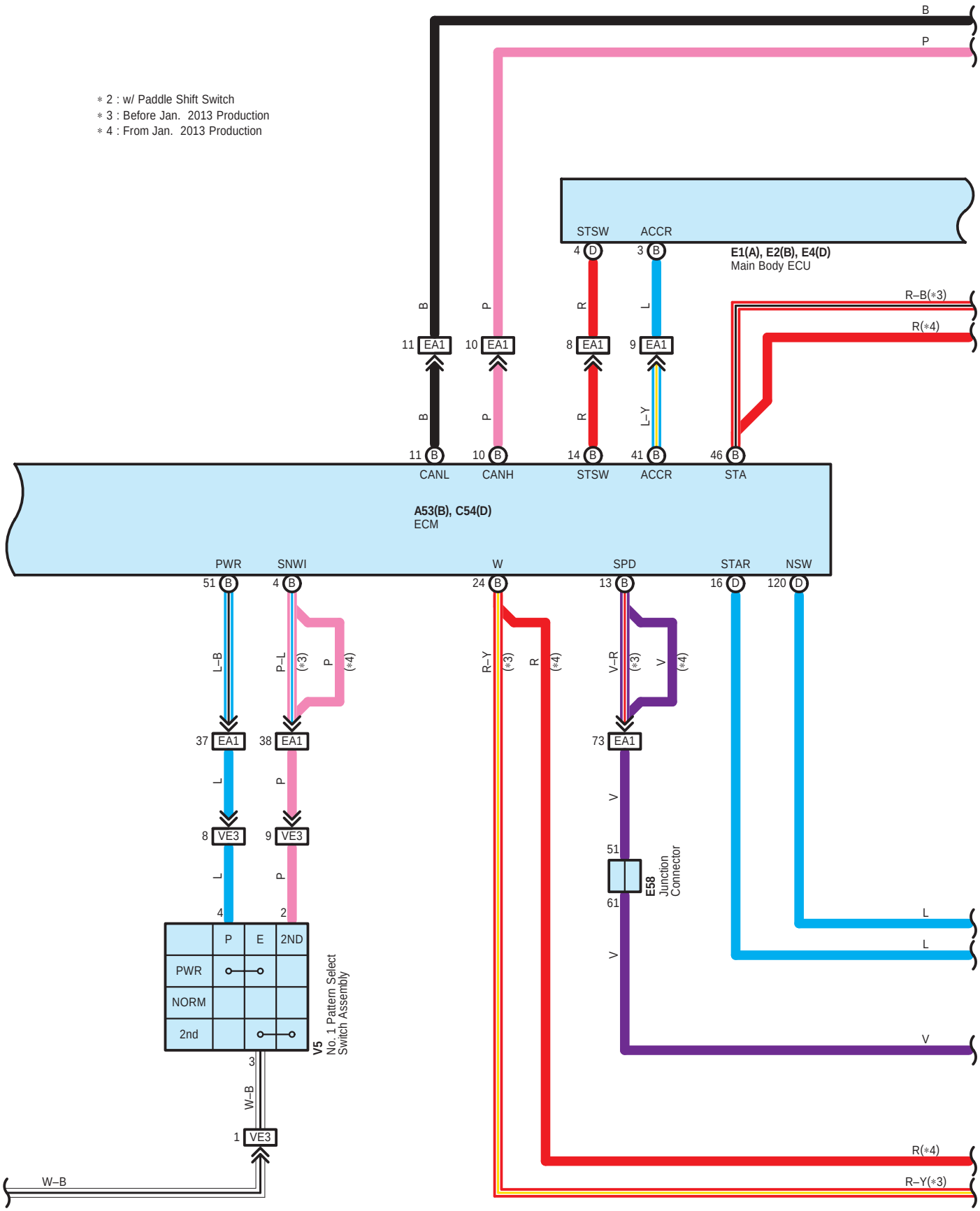

* 1 : Shielded
* 3 : Before Jan. 2013 Production
* 4 : From Jan. 2013 Production
(BAT)
(IG)
15A STOP
10A IGN
L–B (*3)
L (*4)
B
A30 Stop Light Switch Assembly
R
R–W (*3)
P (*4)
36 B STP
35 B ST1–
A53(B), C54(D) ECM
S4 S3 THO1 THO2 S1 S2 SR SLT+ SLT– SLU+ SLU– SL1+ SL1–
G–R B–R G–Y L R W G B G–B L–Y L–R Y L
OT+ OT2+ OT– OT2–
V SB O L W B LG G GR LG BR R L
C39(A), C40(B) Electronically Controlled Transmission Solenoid
BR BR BR

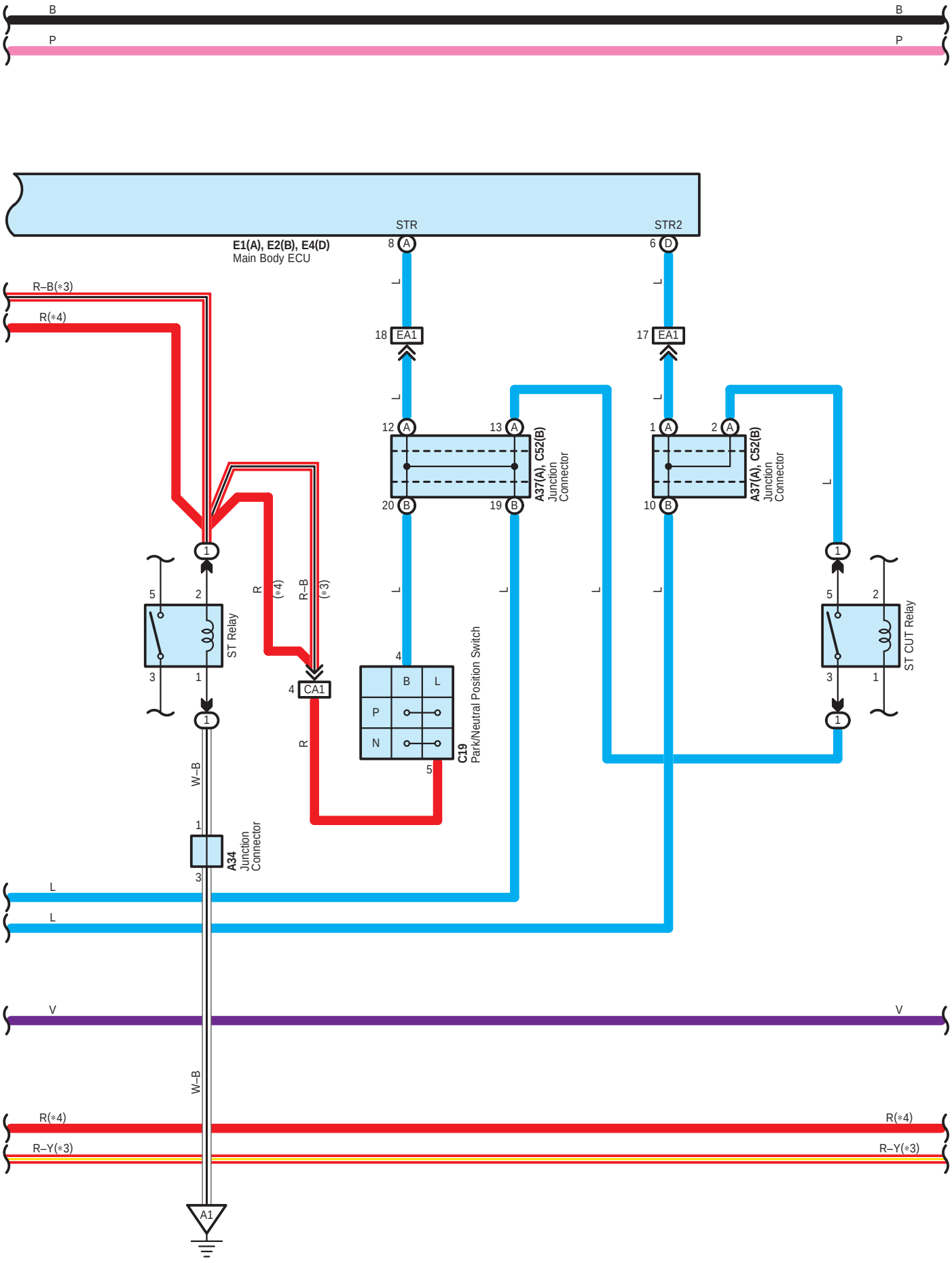

A53(B), C54(D)
ECM
SL2+
SL2–
EC
E03
E05
E01
E04
E1
ME01
E02
12 D
13 D
31 B
46 D
21 D
43 D
23 D
81 D
82 D
42 D
G–R
L–W
W–B
W–B
W–B
W–B
BR
W–B
BR
2 B
4 B
SL2+
SL2–
Y
V
C39(A), C40(B)
Electronically Controlled Transmission Solenoid
B
W–B
BR
54 B
74 B
E60(B)
Junction Connector
67 EA1
19 A
14 B
A37(A), C52(B)
Junction Connector
A2
C2
C1

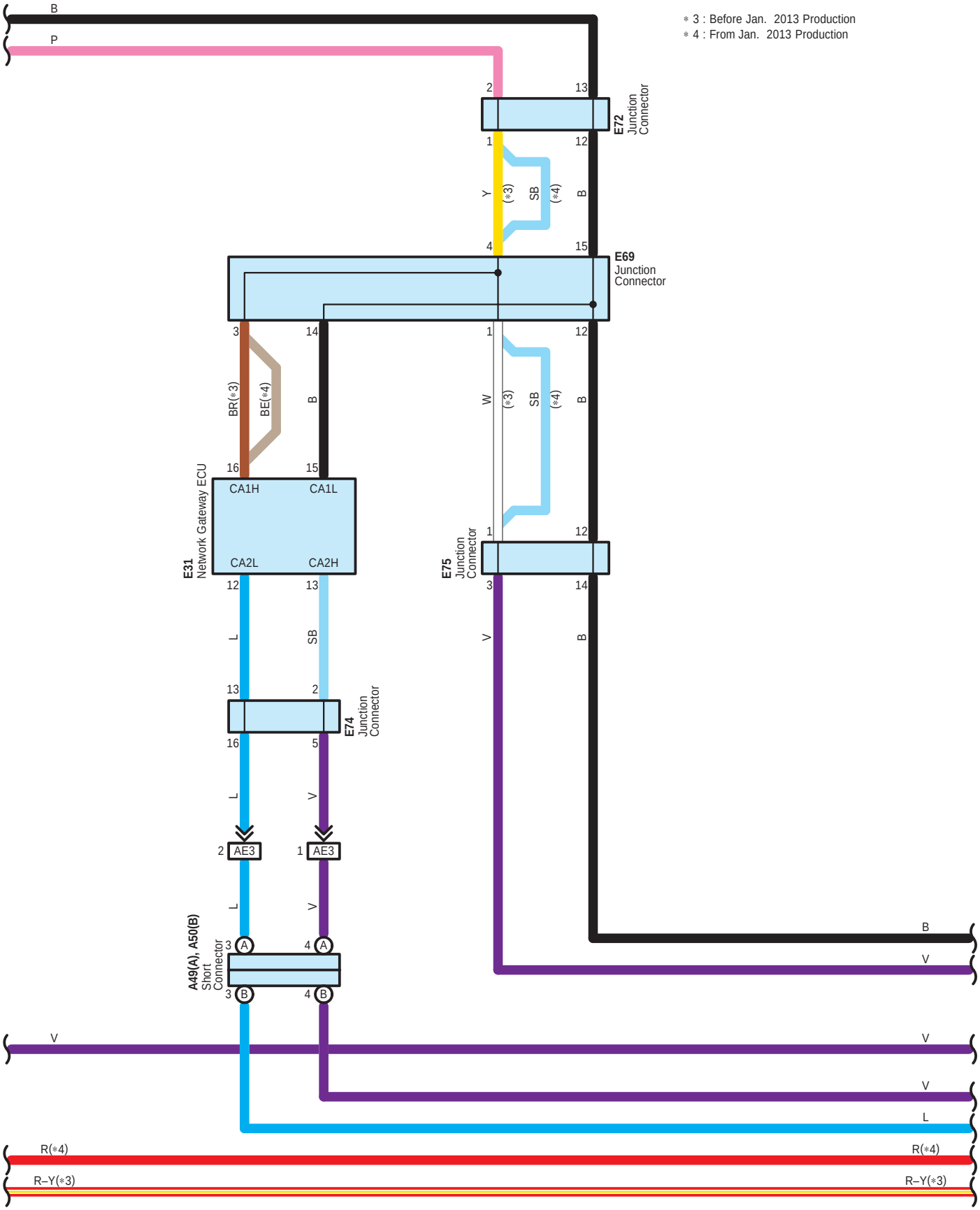
∗ 2 : w/ Paddle Shift Switch
∗ 3 : Before Jan.  2013 Production
∗ 4 : From Jan.  2013 Production

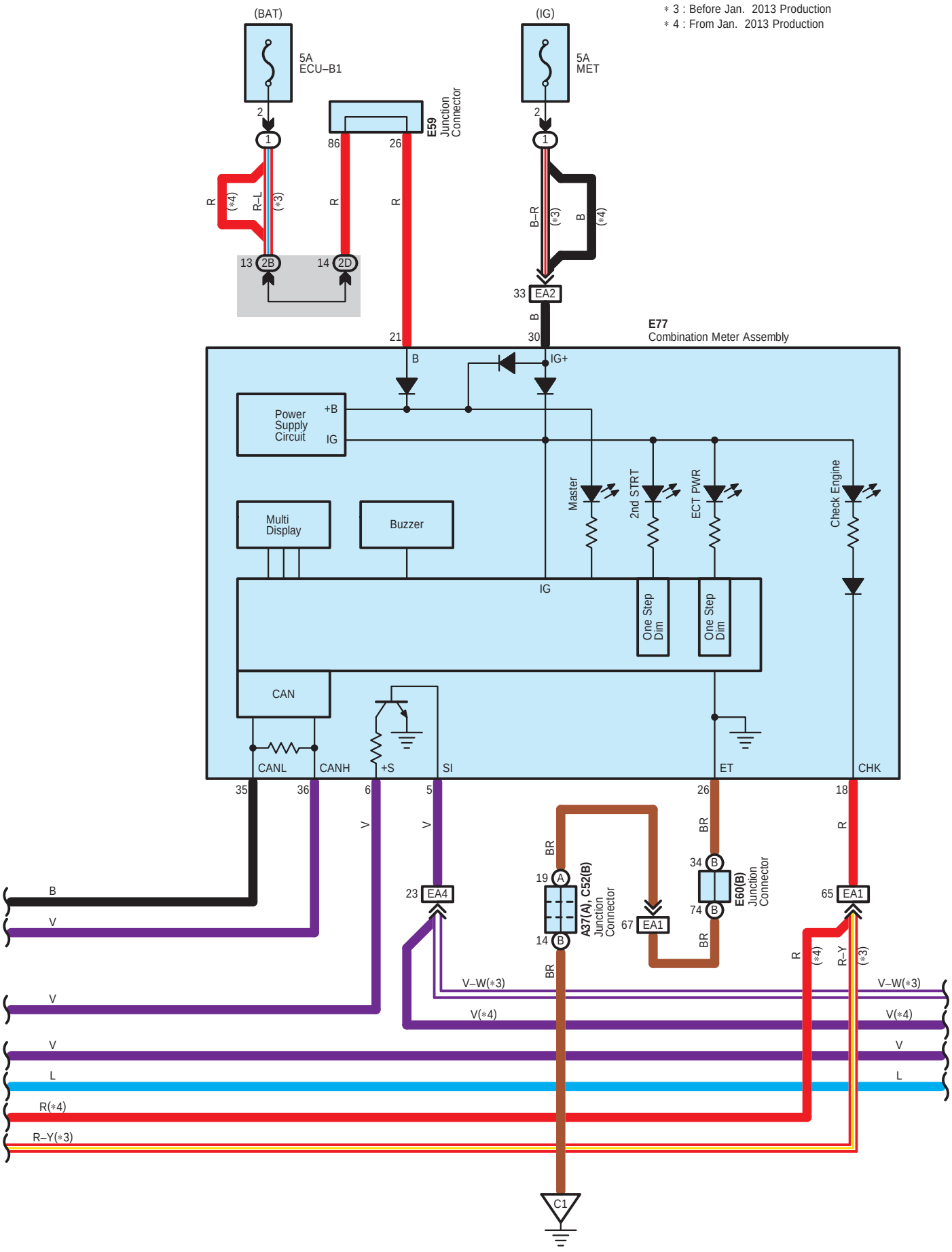


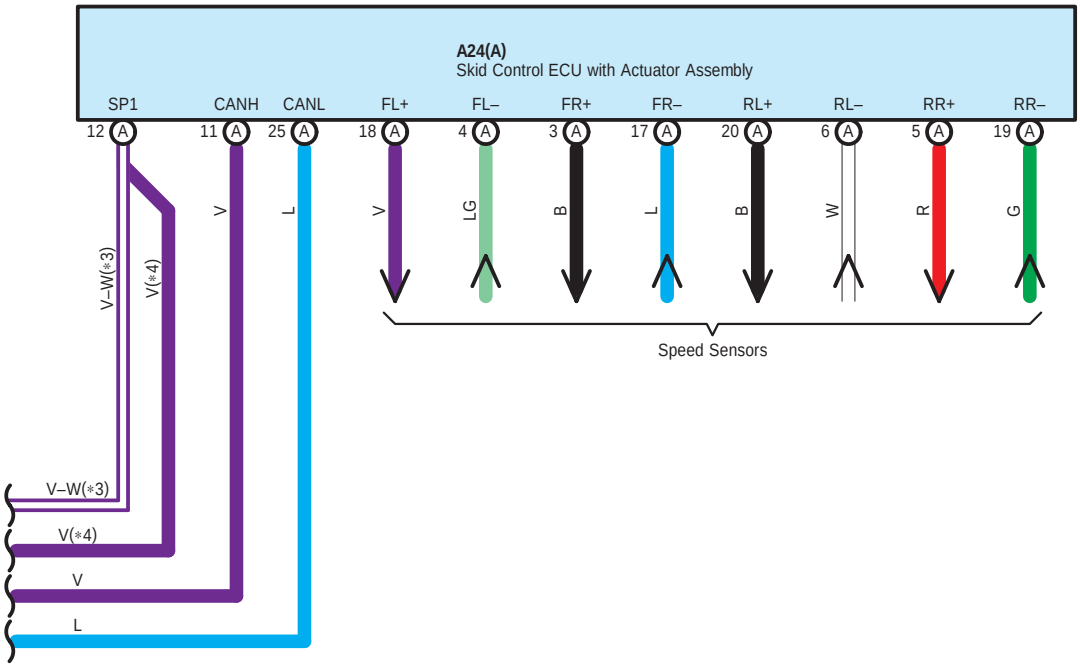

(IG)
10A
BK/UP
LP
23 2B
C52(B)
Junction
Connector
16 B
5 B
9 B
8 B
17 B
6 B
G–B
G–W
G–B
(*3)
G
(*4)
25 CA3
9
1
6
DL
NL
RL
PL
RB
P
R
N
D
7
2
C19
Park/Neutral
Position Switch
G
L–R
G–B
G–W
G
26 D
2 D
25 D
27 D
R
P
N
D
A53(B), C54(D)
ECM
SFTU
SFTD
S
38 B
27 B
25 B
Y
L
W
35 EA1
34 EA1
36 EA1
Y(*3)
V(*4)
27
37
L
(*2)
17
E59
Junction
Connector
1
2
SFTU
SFTD
E
IG
S
E52
Transmission
Control Switch
5
3
7
W–B
79 B
E60(B)
Junction
Connector
19 B
W
G
(IG)
5A
LH–IG
55 2D
G
99
E58
Junction
Connector
39
65
E59
Junction
Connector
25
W–B
12
9
1
E66
Junction
Connector
E2


∗ 2 : w/ Paddle Shift Switch
∗ 3 : Before Jan. 2013 Production
∗ 4 : From Jan. 2013 Production
B
P
STSW
ACCR
4 D
3 B
E1(A), E2(B), E4(D)
Main Body ECU
R–B(∗3)
R(∗4)
B
P
R
L
11 EA1
10 EA1
8 EA1
9 EA1
L–Y
11 B
10 B
14 B
41 B
46 B
CANL
CANH
STSW
ACCR
STA
A53(B), C54(D)
ECM
PWR
SNWI
W
SPD
STAR
NSW
51 B
4 B
24 B
13 B
16 D
120 D
L–B
P–L
(∗3)
P
(∗4)
R–Y
R
V–R
V
37 EA1
38 EA1
73 EA1
L
P
V
8 VE3
9 VE3
51
61
E58
Junction
Connector
4
2
P
E
2ND
PWR
NORM
2nd
V5
No. 1 Pattern Select
Switch Assembly
3
W–B
1 VE3
W–B
L
L
V
R(∗4)
R–Y(∗3)

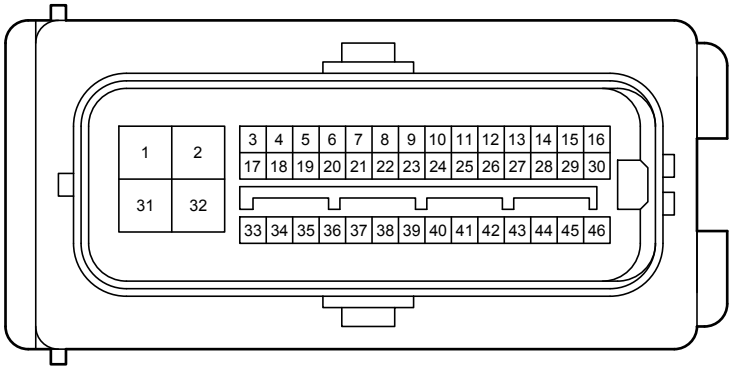

B
P
STR
STR2
E1(A), E2(B), E4(D)
Main Body ECU
R–B(*3)
R(*4)
L
18 EA1
17 EA1
12 A
13 A
20 B
19 B
A37(A), C52(B)
Junction
Connector
1 A
2 A
10 B
ST Relay
ST CUT Relay
R
R–B
(*4)
(*3)
4 CA1
C19
Park/Neutral Position Switch
B
L
P
N
W–B
A34
Junction
Connector
V
A1


∗ 3 : Before Jan. 2013 Production
∗ 4 : From Jan. 2013 Production
B
P
2
13
E72
Junction
Connector
1
12
Y
(∗3)
SB
(∗4)
B
4
15
E69
Junction
Connector
3
14
1
12
BR(∗3)
BE(∗4)
B
W
(∗3)
SB
(∗4)
B
16
15
CA1H
CA1L
E31
Network Gateway ECU
CA2L
CA2H
1
12
E75
Junction
Connector
3
14
12
13
L
SB
V
B
13
2
E74
Junction
Connector
16
5
L
V
2
AE3
1
AE3
L
V
A449(A), A50(B)
Short
Connector
3
A
4
A
3
B
4
B
B
V
V
V
V
L
R(∗4)
R(∗4)
R–Y(∗3)
R–Y(∗3)

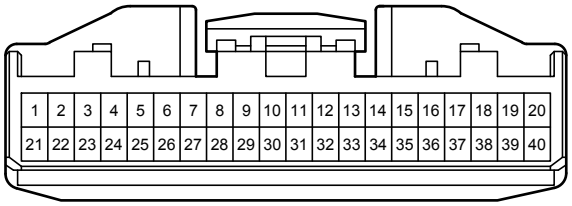

∗ 3 : Before Jan. 2013 Production
∗ 4 : From Jan. 2013 Production
(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction
Connector
E77
Combination Meter Assembly
Power
Supply
Circuit
+B
IG
Multi
Display
Buzzer
Master
2nd STRT
ECT PWR
Check Engine
One Step
Dim
One Step
Dim
CAN
CANL
CANH
+S
SI
IG
ET
CHK
IG+
B
EA2
EA1
EA4
A37(A), C52(B)
Junction
Connector
E60(B)
Junction
Connector
C1
R
R–L
(∗4)
(∗3)
B–R
B
V
L
R(∗4)
R–Y(∗3)
V–W(∗3)
V(∗4)


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(∗3)
V(∗4)
V
L
LG
B
W
R
G
Speed Sensors
V–W(∗3)
V(∗4)
V
L

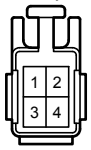
A 24
Black



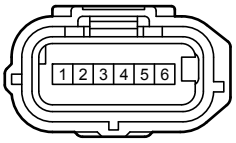

A 27
Black



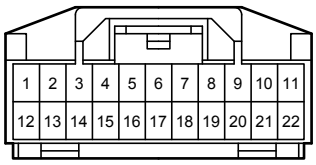

A 30
Gray



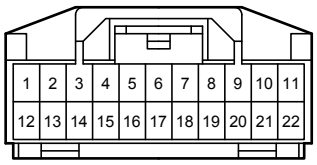

A 31
Black




A 34
White




A 37
Blue



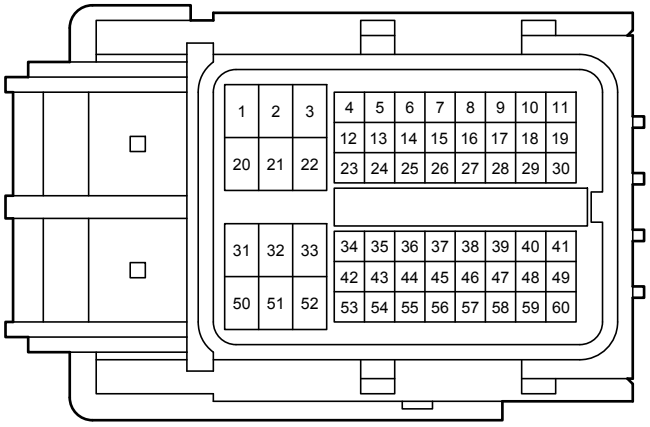

A 49
Gray



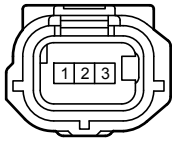

A 50
Gray



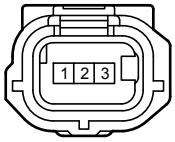

A 53
Black



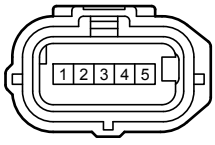

C 1
Black



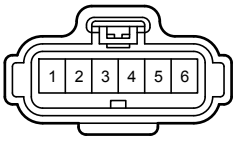

C 2
Black




C 3
Black



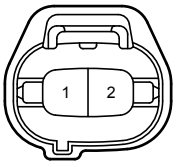

C 4
Black



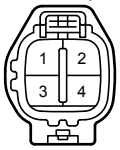

C 15
Dark Gray




C 16
Black



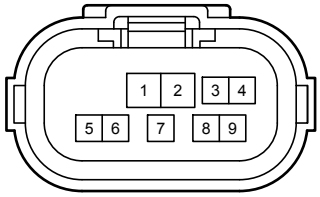

C 17
Dark Gray



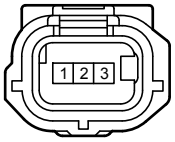
C 18
Dark Gray



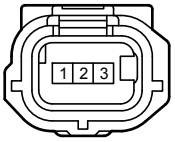

C 19
Gray



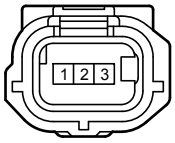

C 20
Black



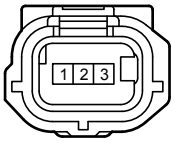

C 21
Black




C 22
Black




C 23
Black




C 24
Black




C 25
Black



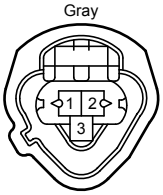

C 26
Black



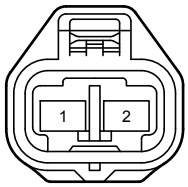

C 27
Black



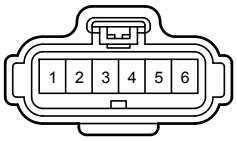

C 28
Gray



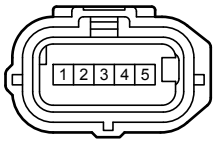

C 29
Black



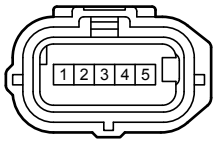

C 30
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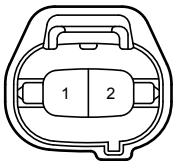

C 35
Black



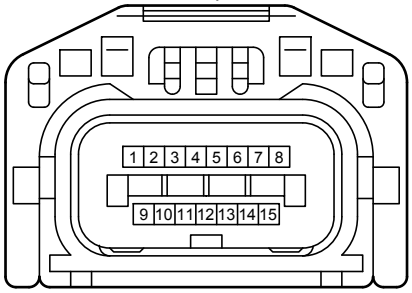

C 36
Black



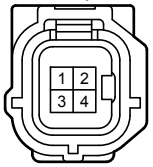

C 38
Black



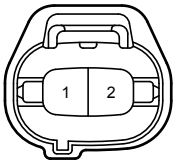

C 39
Gray



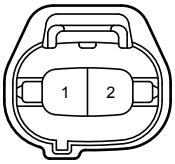

C 40
Gray




C 41
Black




C 42
Black



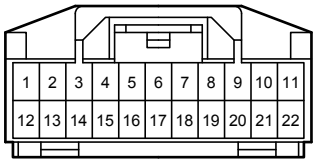

C 47
Dark Gray



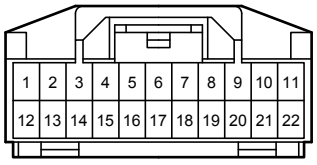

C 48
Dark Gray



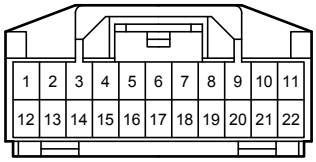

C 50
White



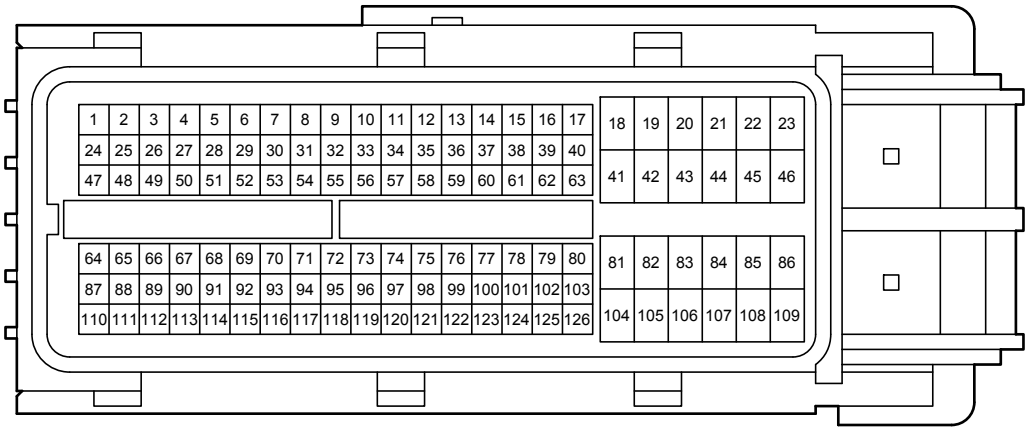

C 51
White



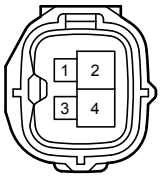
C 52
Blue



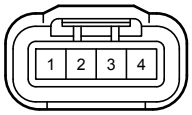

C 54
Black



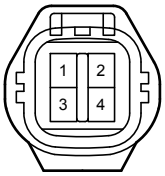

C 57
Black



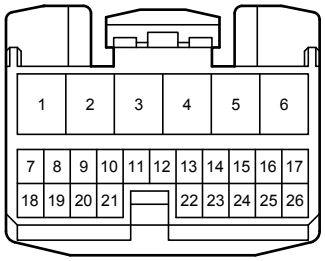

C 59
Black



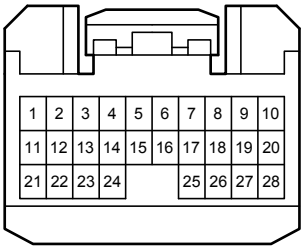

D 4
Black



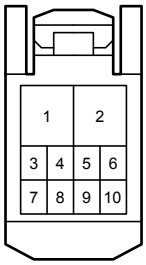

E 1
White



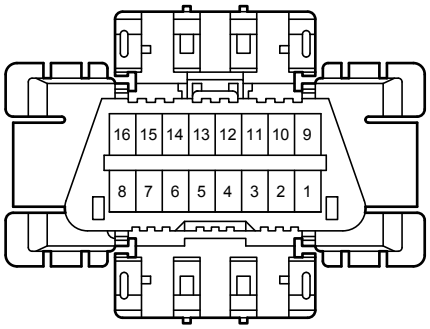

E 2
White



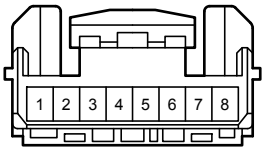

E 4
White



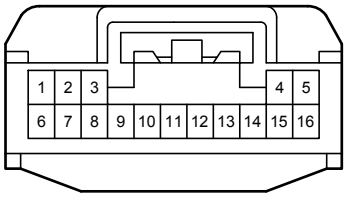

E 22
White



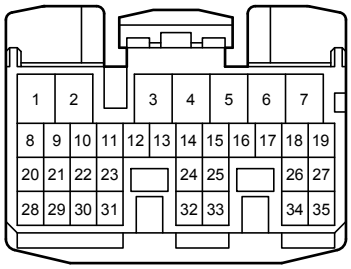

E 28
White



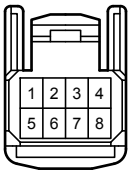

E 31
White



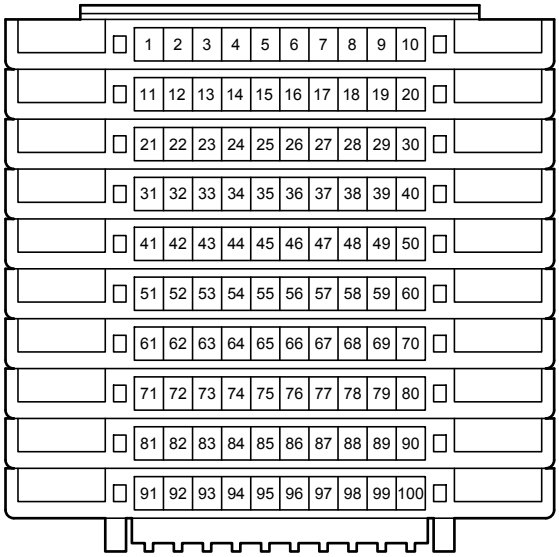

E 36
White



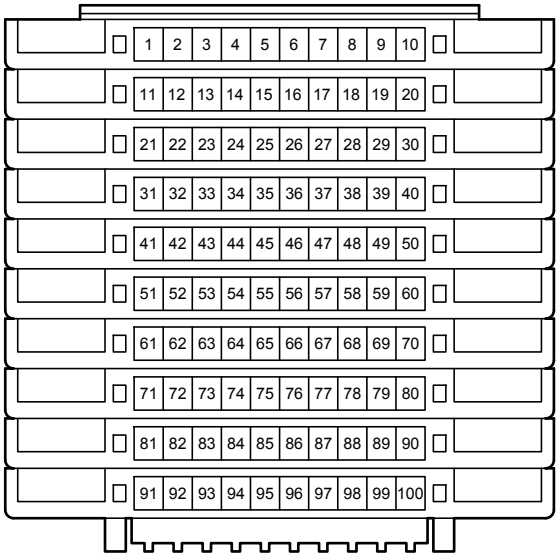

E 52
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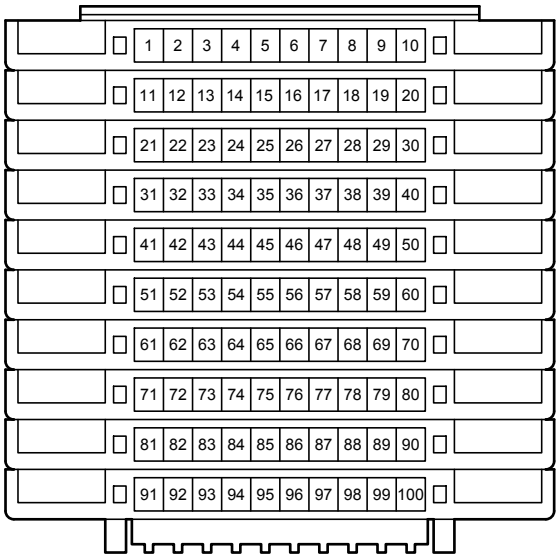
E 58
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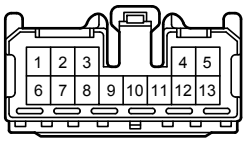

E 59
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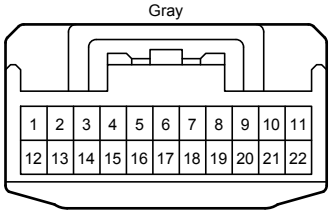

E 60
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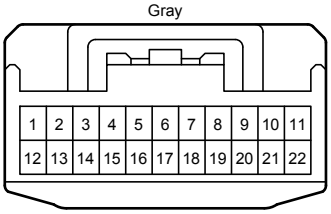

E 66
White



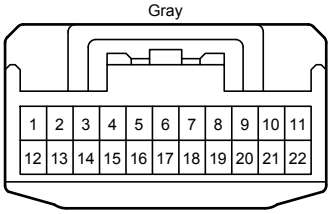

E 69
Gray



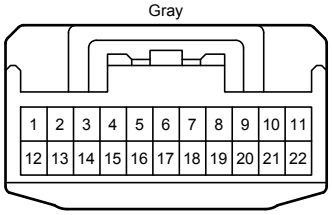

E 72
Gray



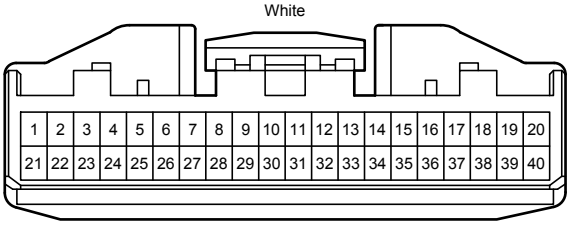

E 74
Gray



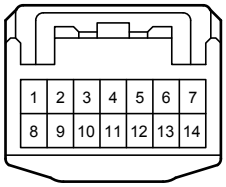

E 75
Gray




E 77
White



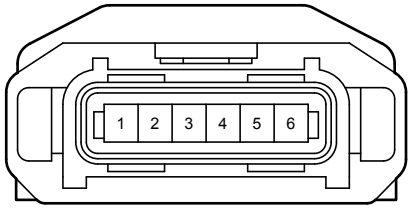
E102
Black



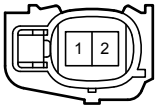

N 1
White



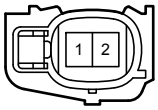

N 12
Black



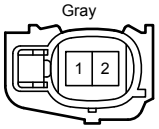

U 5
Gray



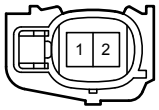

U 6
Black



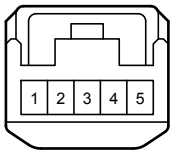

U 7
Gray



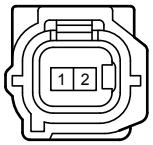

U 8
Black



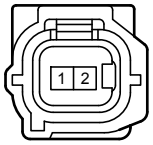

V 5
Black



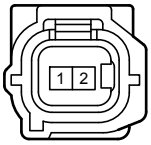

a 1
Black



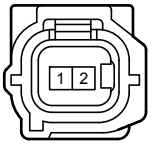

a 2
Black



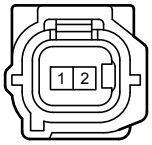

a 3
Black



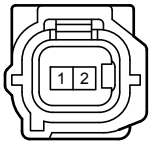

a 4
Black



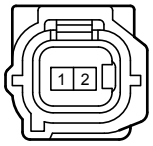

a 5
Black



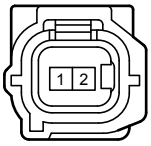

a 6
Black



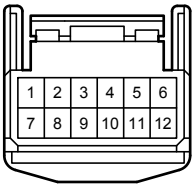

a 7
Black



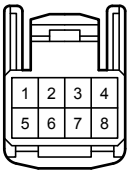

a 8
Black



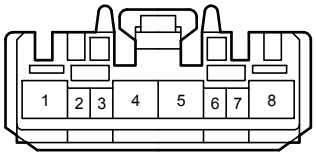

z 54
Black



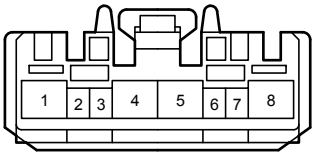

z 55
White



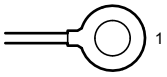

1A
White



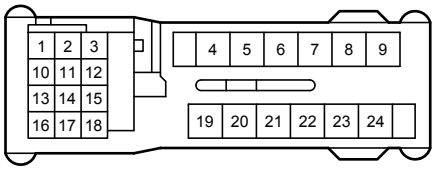

1B
White



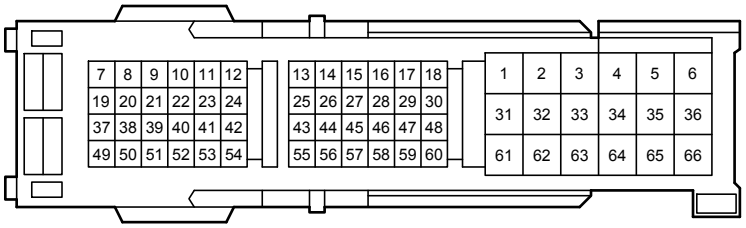

1F



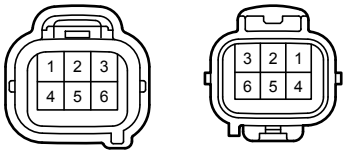

2B
White



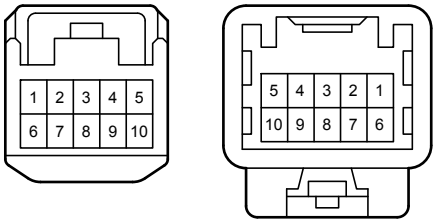

2D
White



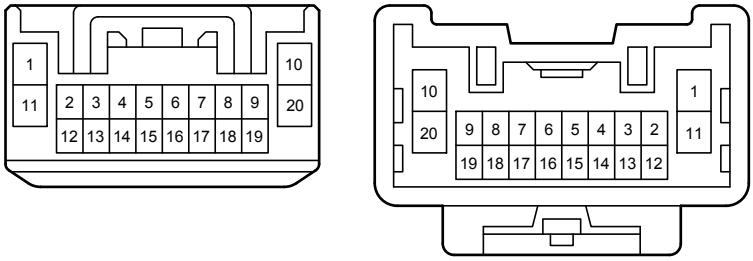
AD1
Black



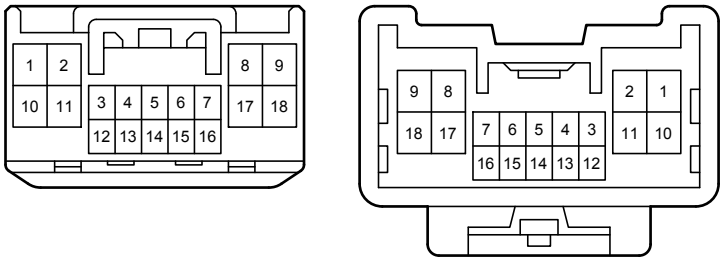

AE3
Gray



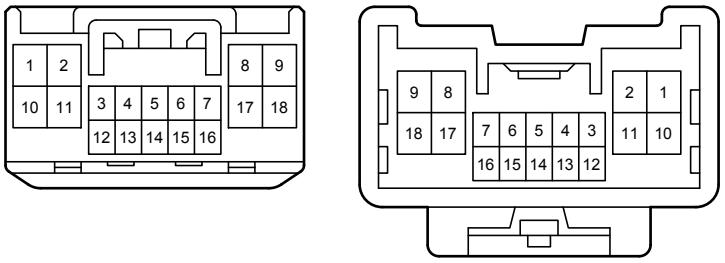

AK1
Blue



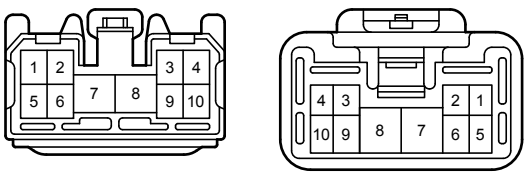

AK2
Gray



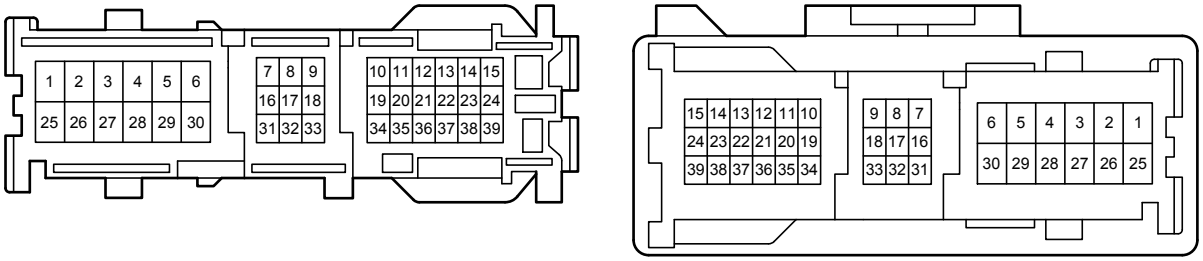

CA1
White



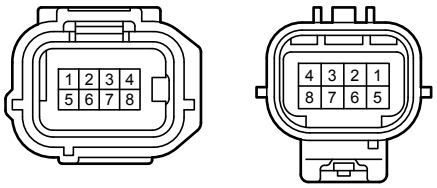

CA2
White



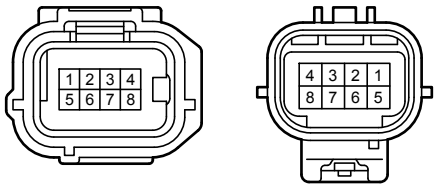
CA3
White



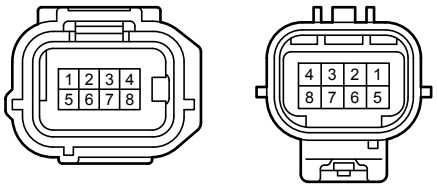

CU1
Gray



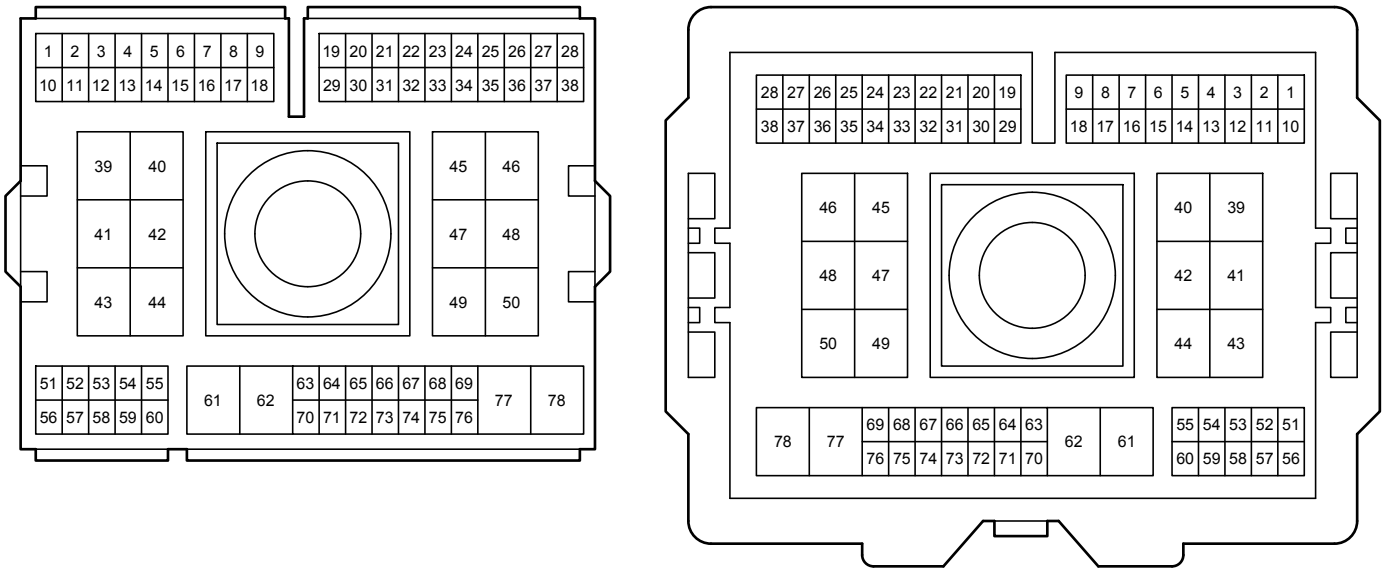

Ca1
Gray




Ca2
Gray

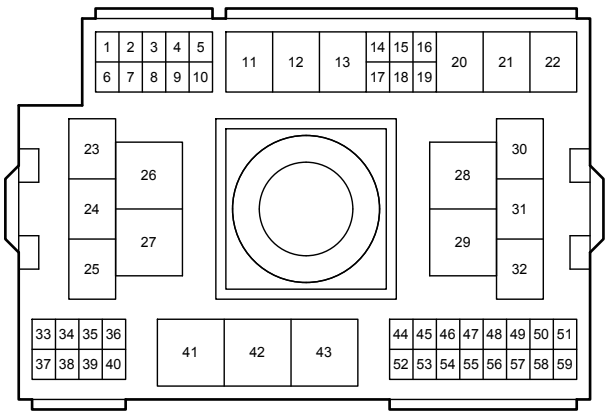



EA1
White

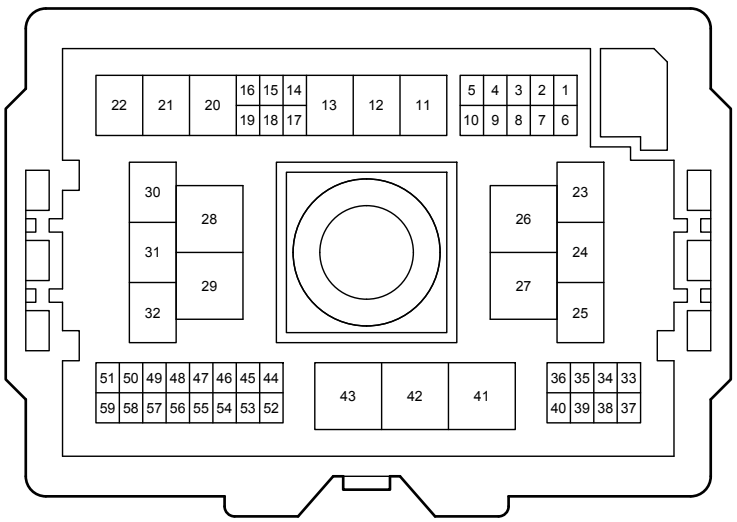


EA2

White

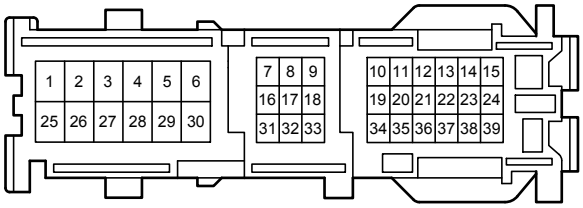


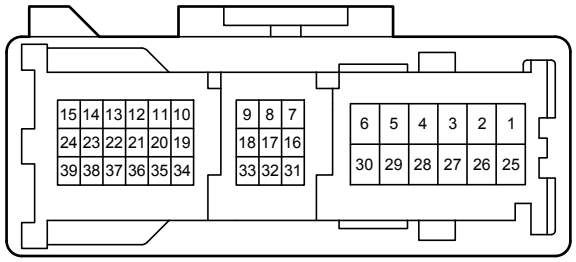

Gray




EA4

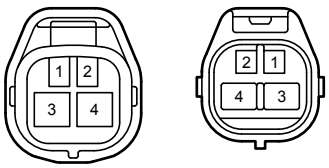
White



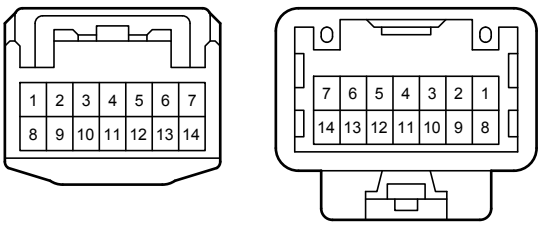

KN1

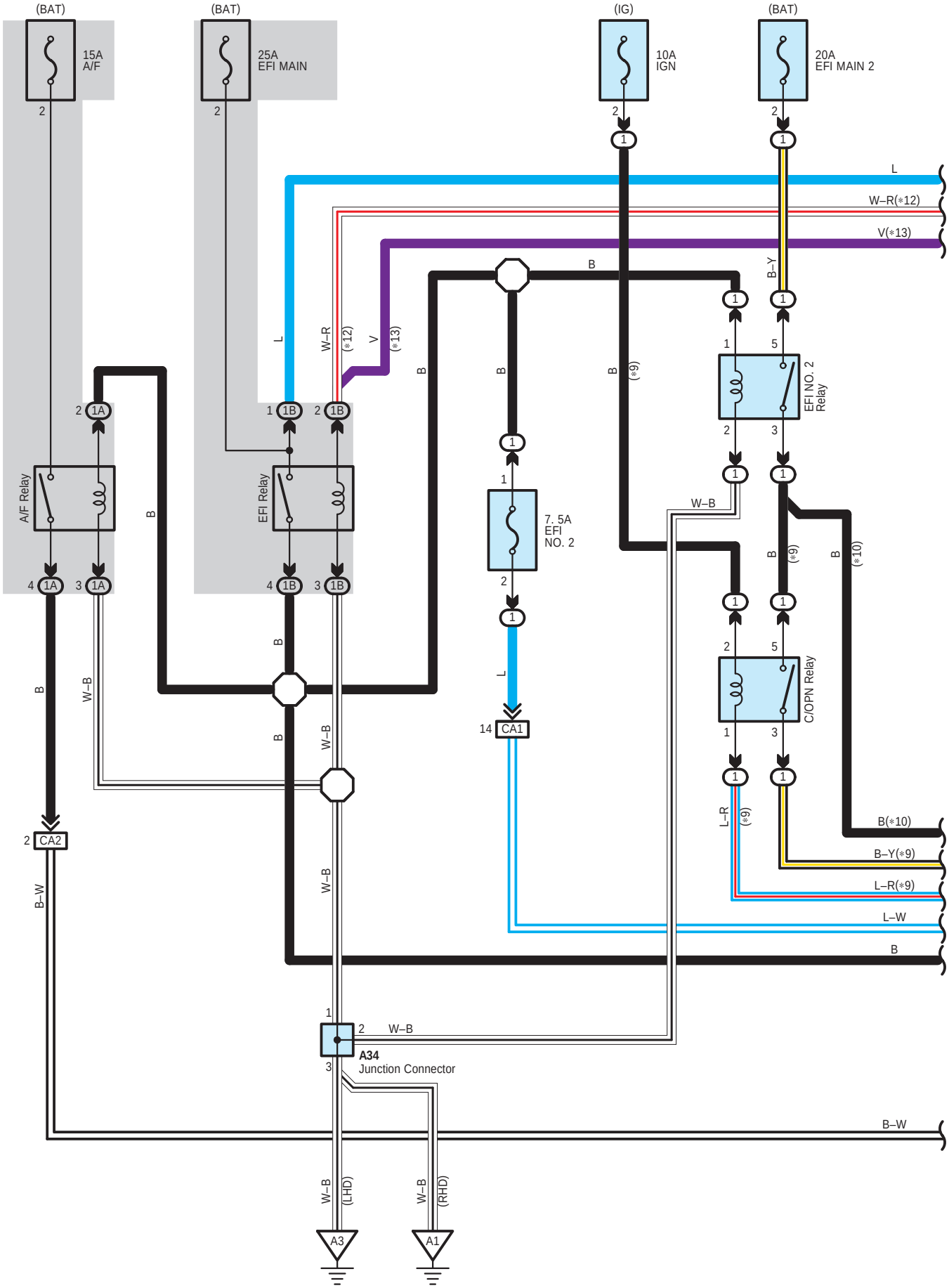
White

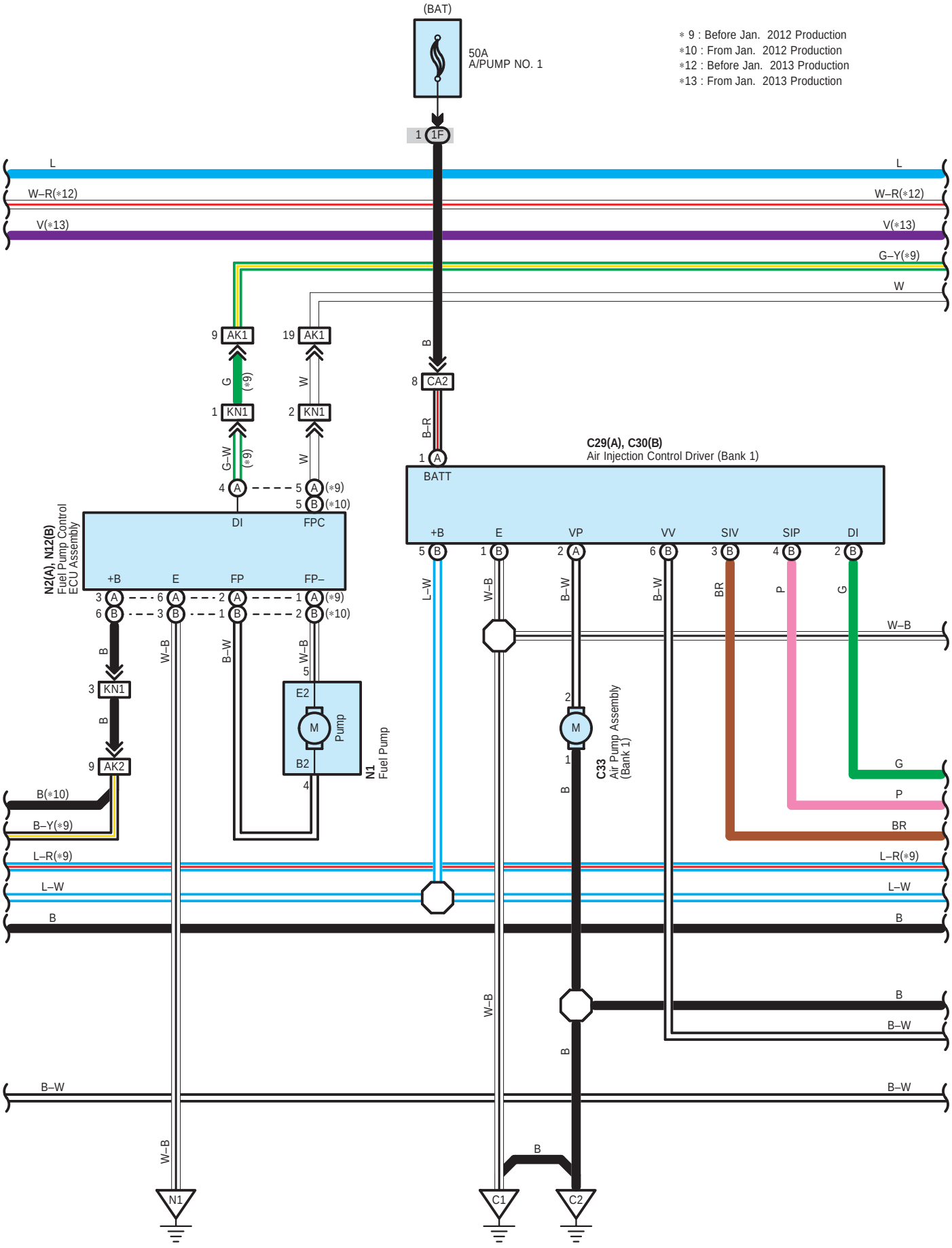


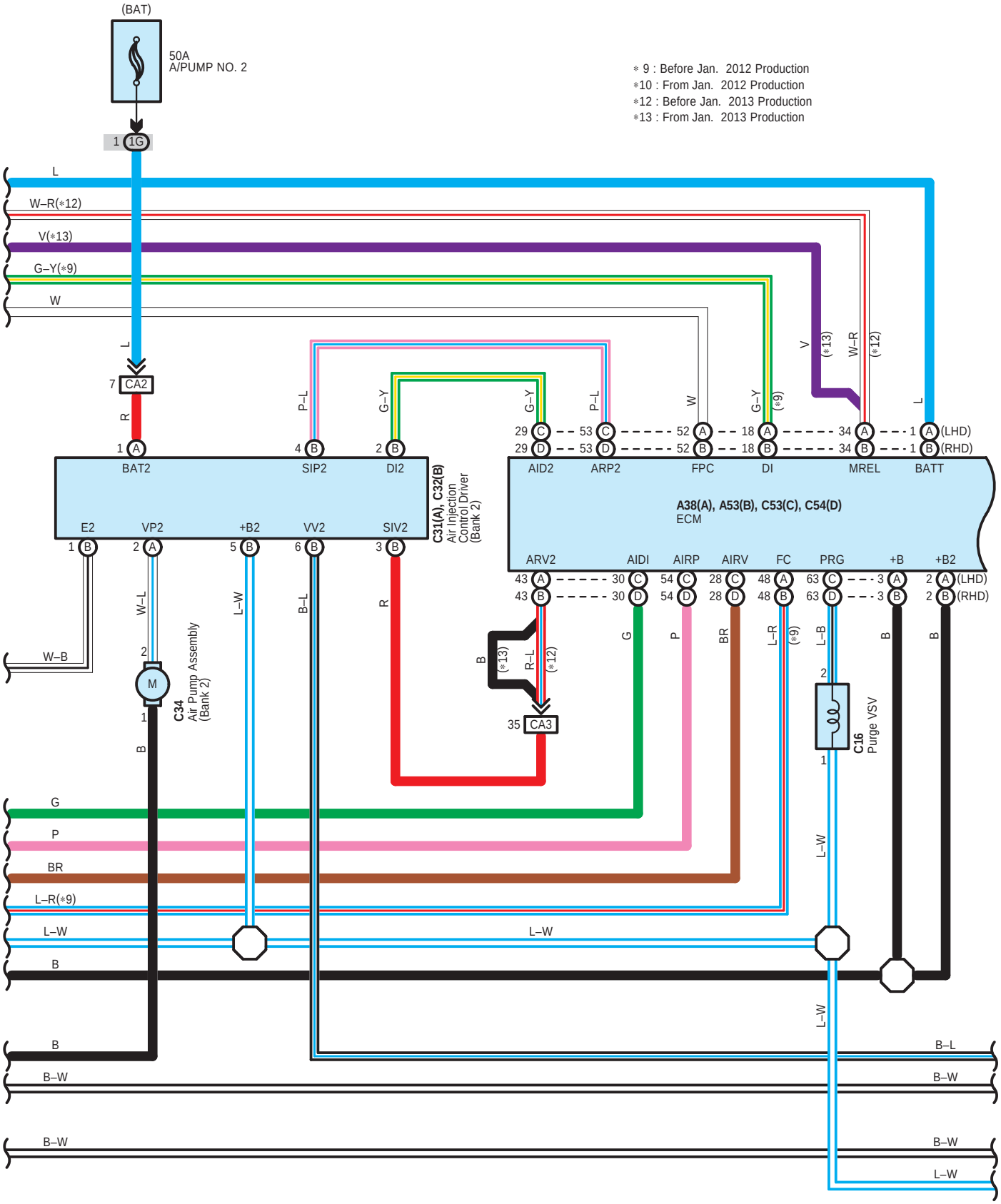

VE3

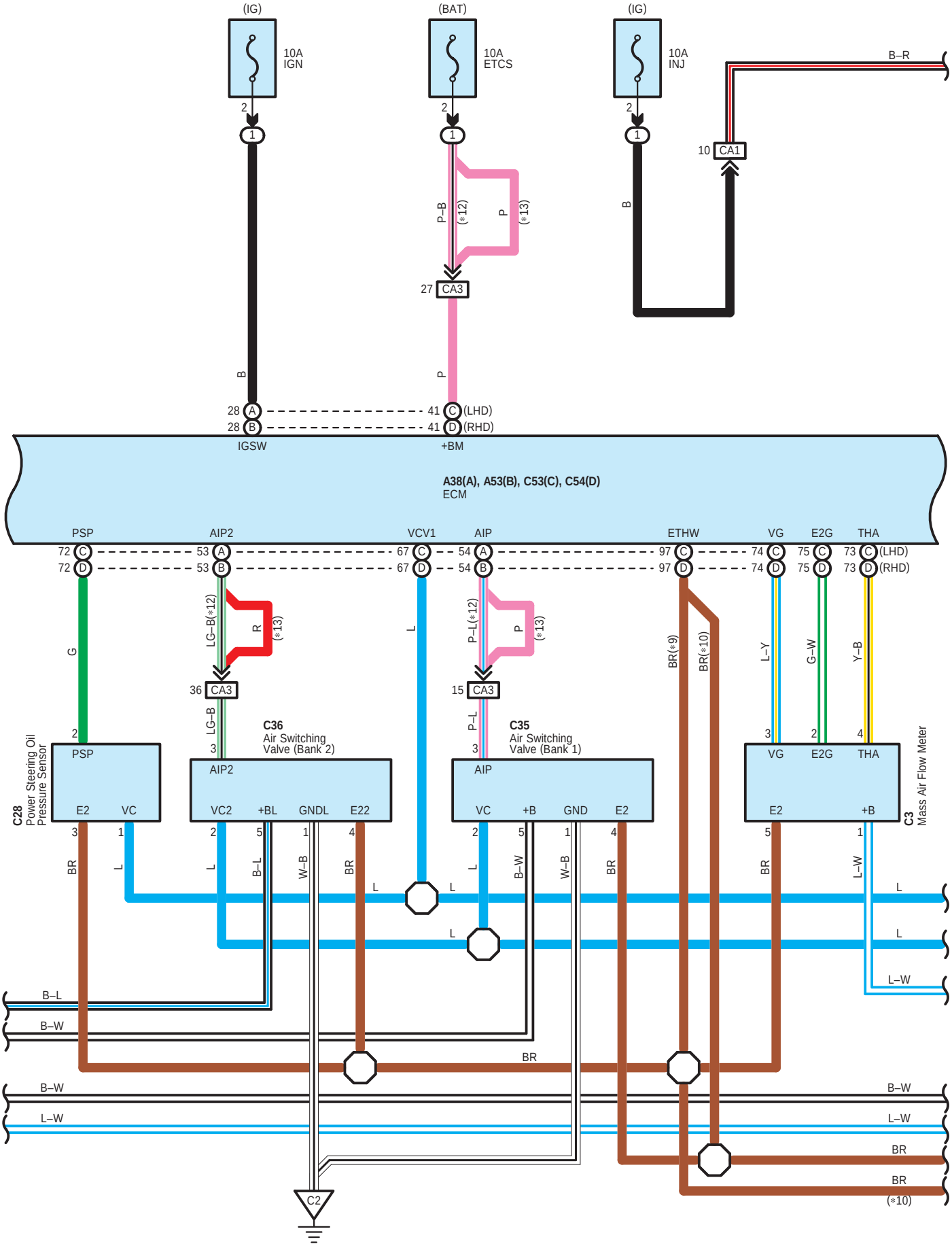
Gray

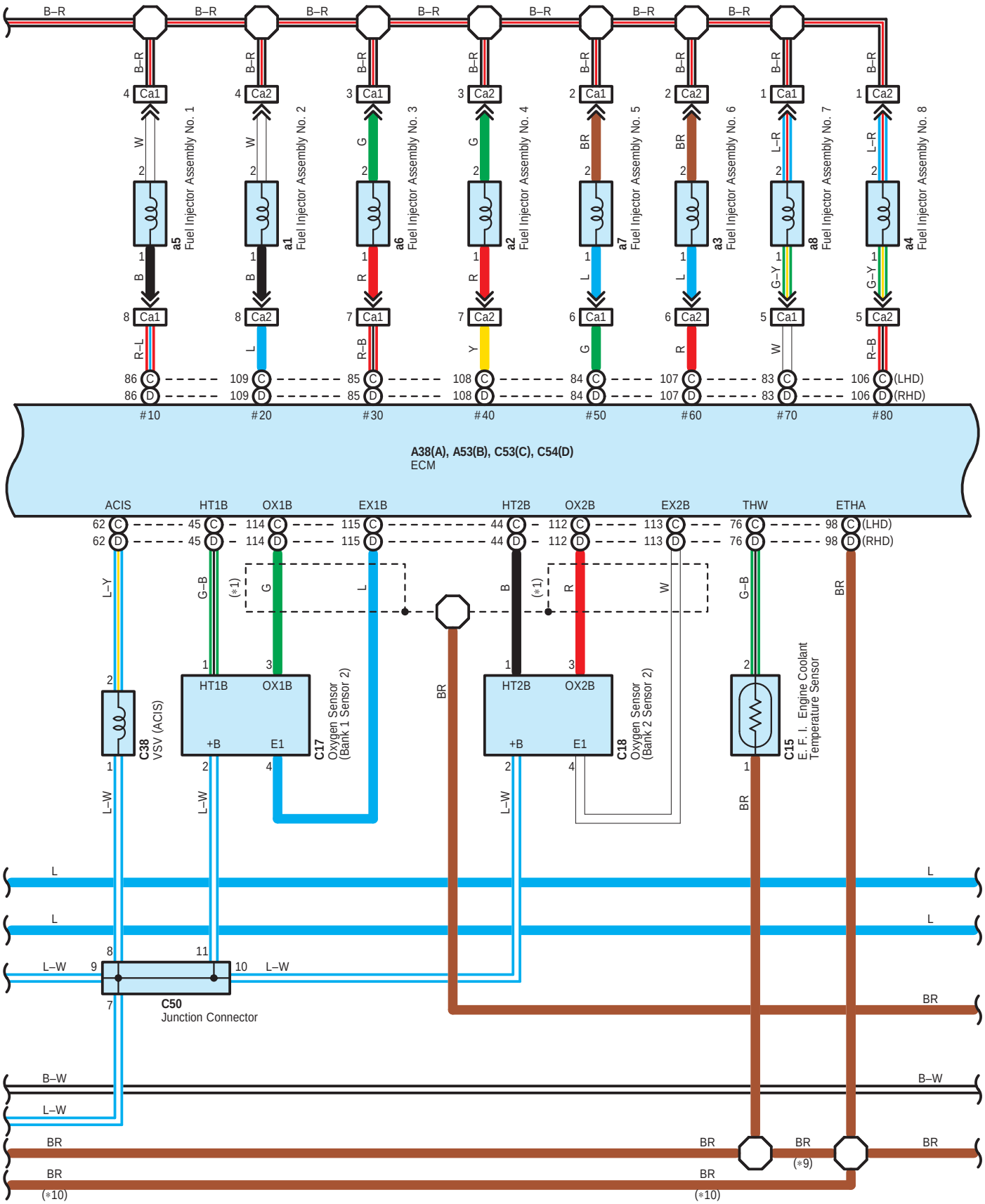



(BAT)
15A
A/F
(BAT)
25A
EFI MAIN
(IG)
10A
IGN
(BAT)
20A
EFI MAIN 2
L
W–R(*12)
V(*13)
B–Y
A/F Relay
EFI Relay
7. 5A
EFI
NO. 2
EFI NO. 2
Relay
C/OPN Relay
W–B
B
B(*10)
B–Y(*9)
L–R(*9)
L–W
B–W
CA1
CA2
A34
Junction Connector
W–B (LHD)
W–B (RHD)
A3
A1

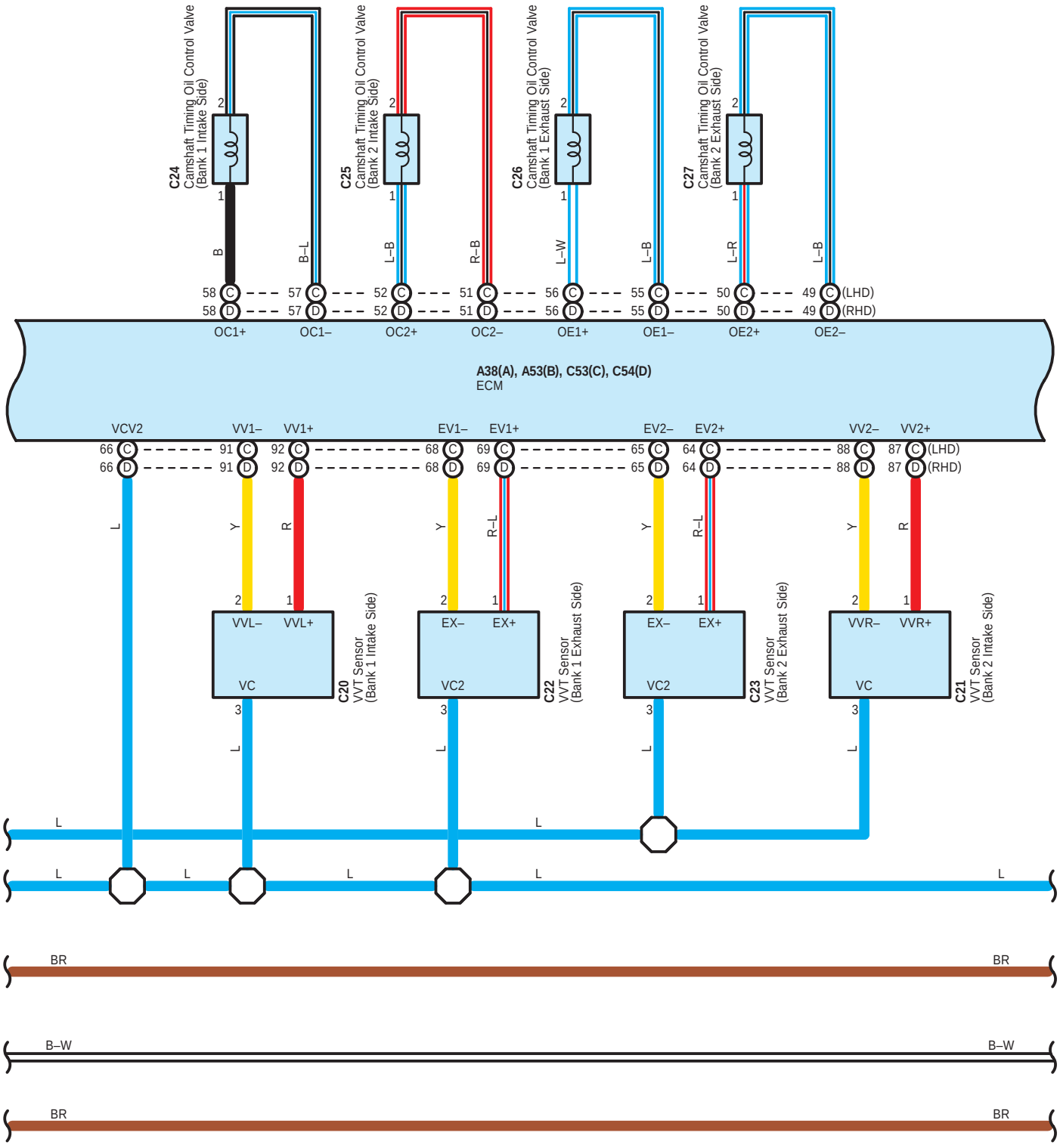

(BAT)
50A
A/PUMP NO. 1
1 1F
∗ 9 : Before Jan. 2012 Production
∗10 : From Jan. 2012 Production
∗12 : Before Jan. 2013 Production
∗13 : From Jan. 2013 Production
L
W–R(∗12)
V(∗13)
G–Y(∗9)
W
9 AK1
19 AK1
G (∗9)
W
1 KN1
2 KN1
G–W (∗9)
W
4 A
5 A (∗9)
5 B (∗10)
B
8 CA2
B–R
1 A
C29(A), C30(B)
Air Injection Control Driver (Bank 1)
BATT
+B E VP VV SIV SIP DI
N2(A), N12(B)
Fuel Pump Control ECU Assembly
DI FPC
+B E FP FP–
3 A 6 A 2 A 1 A (∗9)
6 B 3 B 1 B 2 B (∗10)
B
3 KN1
B
9 AK2
B(∗10)
B–Y(∗9)
W–B
B–W
W–B
5
E2
M
Pump
B2
4
N1
Fuel Pump
5 B 1 B 2 A 6 B 3 B 4 B 2 B
L–W
W–B
B–W
B–W
BR
P
G
W–B
2
M
1
B
C33
Air Pump Assembly (Bank 1)
G
P
BR
L–R(∗9)
L–W
B
L–R(∗9)
L–W
B
B
B–W
B
B–W
B–W
W–B
B
N1
C1
C2


(BAT)
50A
A/PUMP NO. 2
1 1G
∗ 9 : Before Jan. 2012 Production
∗10 : From Jan. 2012 Production
∗12 : Before Jan. 2013 Production
∗13 : From Jan. 2013 Production
L
W–R(∗12)
V(∗13)
G–Y(∗9)
W
7 CA2
1 A BAT2
4 B SIP2
2 B DI2
C31(A), C32(B)
Air Injection
Control Driver
(Bank 2)
29 C
29 D
53 C
53 D
52 A
52 B
18 A
18 B
34 A
34 B
1 A (LHD)
1 B (RHD)
AID2
ARP2
FPC
DI
MREL
BATT
A38(A), A53(B), C53(C), C54(D)
ECM
E2
VP2
+B2
VV2
SIV2
1 B
2 A
5 B
6 B
3 B
ARV2
AIDI
AIRP
AIRV
FC
PRG
+B
+B2
43 A
43 B
30 C
30 D
54 C
54 D
28 C
28 D
48 A
48 B
63 C
63 D
3 A
3 B
2 A (LHD)
2 B (RHD)
W–B
W–L
L–W
B–L
R
G
P
BR
L–R
L–B
B
M
C34
Air Pump Assembly
(Bank 2)
35 CA3
C16
Purge VSV
B–W

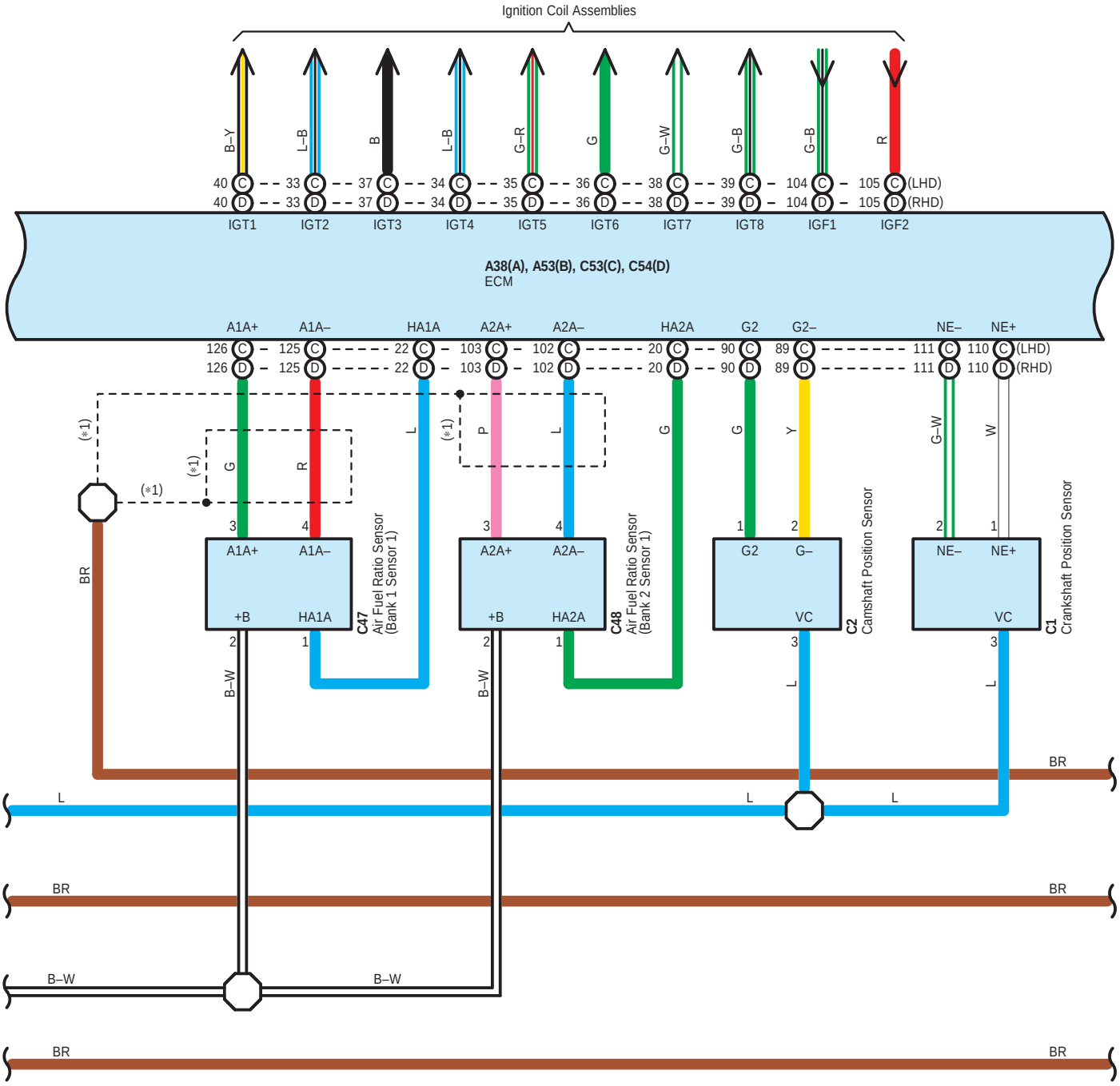

(IG)
10A
IGN
(BAT)
10A
ETCS
(IG)
10A
INJ
B–R
10 CA1
B
P–B
(*12)
P
(*13)
27 CA3
P
B
28 A
28 B
41 C (LHD)
41 D (RHD)
IGSW
+BM
A38(A), A53(B), C53(C), C54(D)
ECM
PSP
AIP2
VCV1
AIP
ETHW
VG
E2G
THA
72 C
72 D
53 A
53 B
67 C
67 D
54 A
54 B
97 C
97 D
74 C
74 D
75 C
75 D
73 C (LHD)
73 D (RHD)
G
LG–B(*12)
R
(*13)
L
P–L(*12)
P
(*13)
BR(*9)
BR(*10)
L–Y
G–W
Y–B
36 CA3
15 CA3
LG–B
P–L
C36
Air Switching
Valve (Bank 2)
C35
Air Switching
Valve (Bank 1)
C28
Power Steering Oil
Pressure Sensor
PSP
E2
VC
AIP2
VC2
+BL
GNDL
E22
AIP
VC
+B
GND
E2
VG
E2G
THA
E2
+B
C3
Mass Air Flow Meter
BR
L
B–L
W–B
B–W
L–W
C2
(*10)

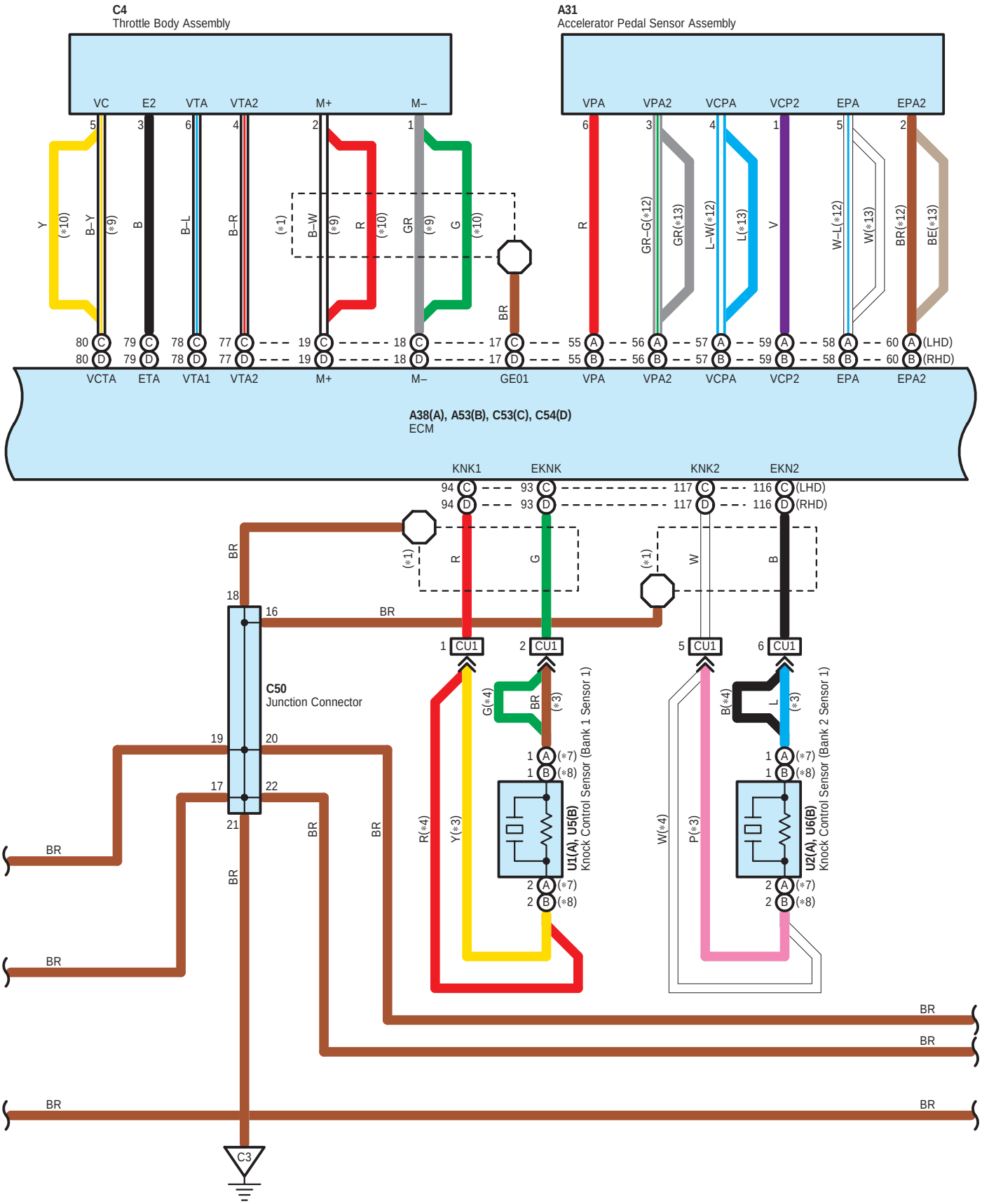

B–R
Fuel Injector Assembly No. 1
Fuel Injector Assembly No. 2
Fuel Injector Assembly No. 3
Fuel Injector Assembly No. 4
Fuel Injector Assembly No. 5
Fuel Injector Assembly No. 6
Fuel Injector Assembly No. 7
Fuel Injector Assembly No. 8
#10
#20
#30
#40
#50
#60
#70
#80
A38(A), A53(B), C53(C), C54(D)
ECM
ACIS
HT1B
OX1B
EX1B
HT2B
OX2B
EX2B
THW
ETHA
C38
VSV (ACIS)
C17
Oxygen Sensor (Bank 1 Sensor 2)
C18
Oxygen Sensor (Bank 2 Sensor 2)
C15
E. F. I. Engine Coolant Temperature Sensor
C50
Junction Connector
(*1)
(*9)
(*10)

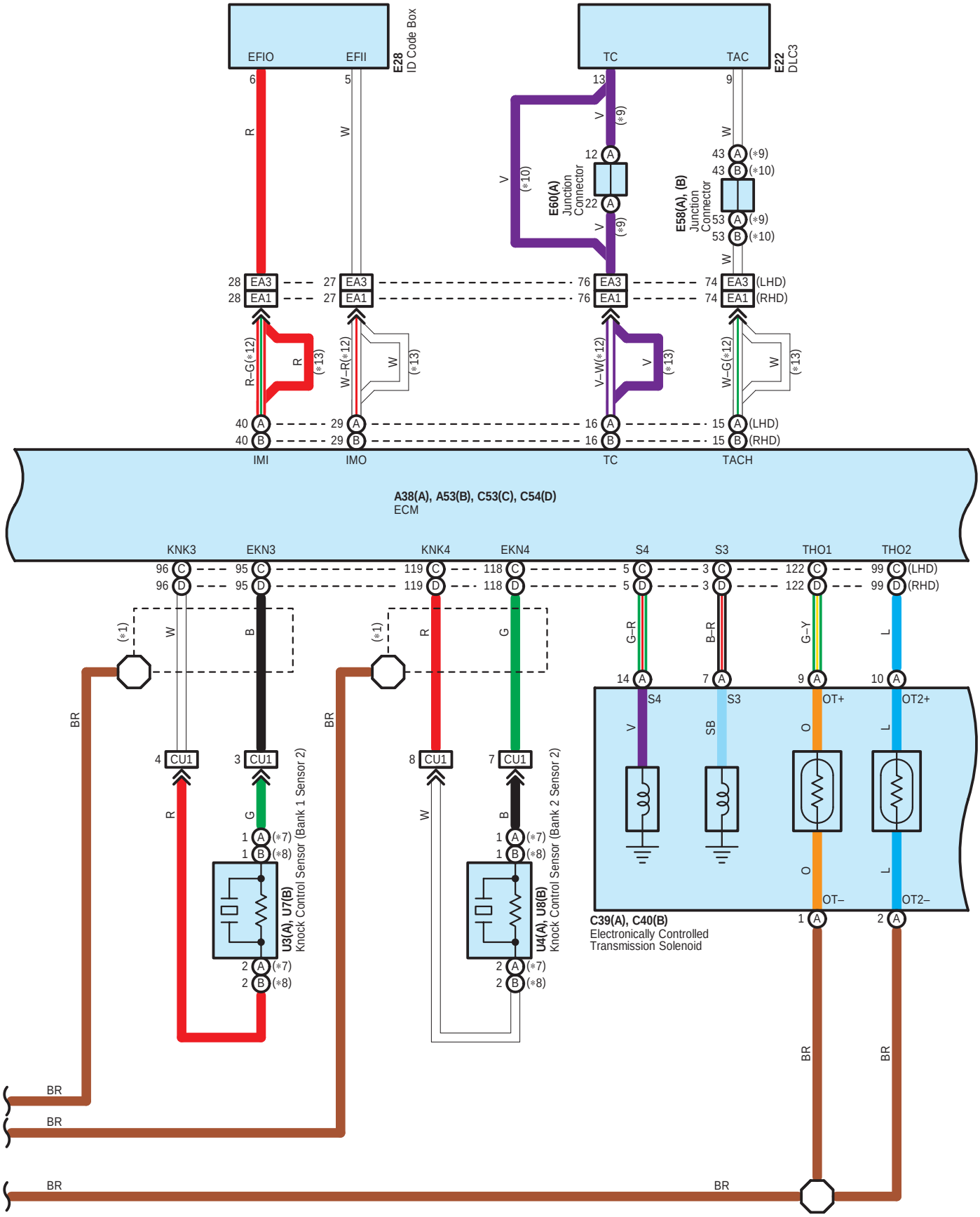
∗ 1 : Shielded
∗ 9 : Before Jan. 2012 Production
∗10 : From Jan. 2012 Production

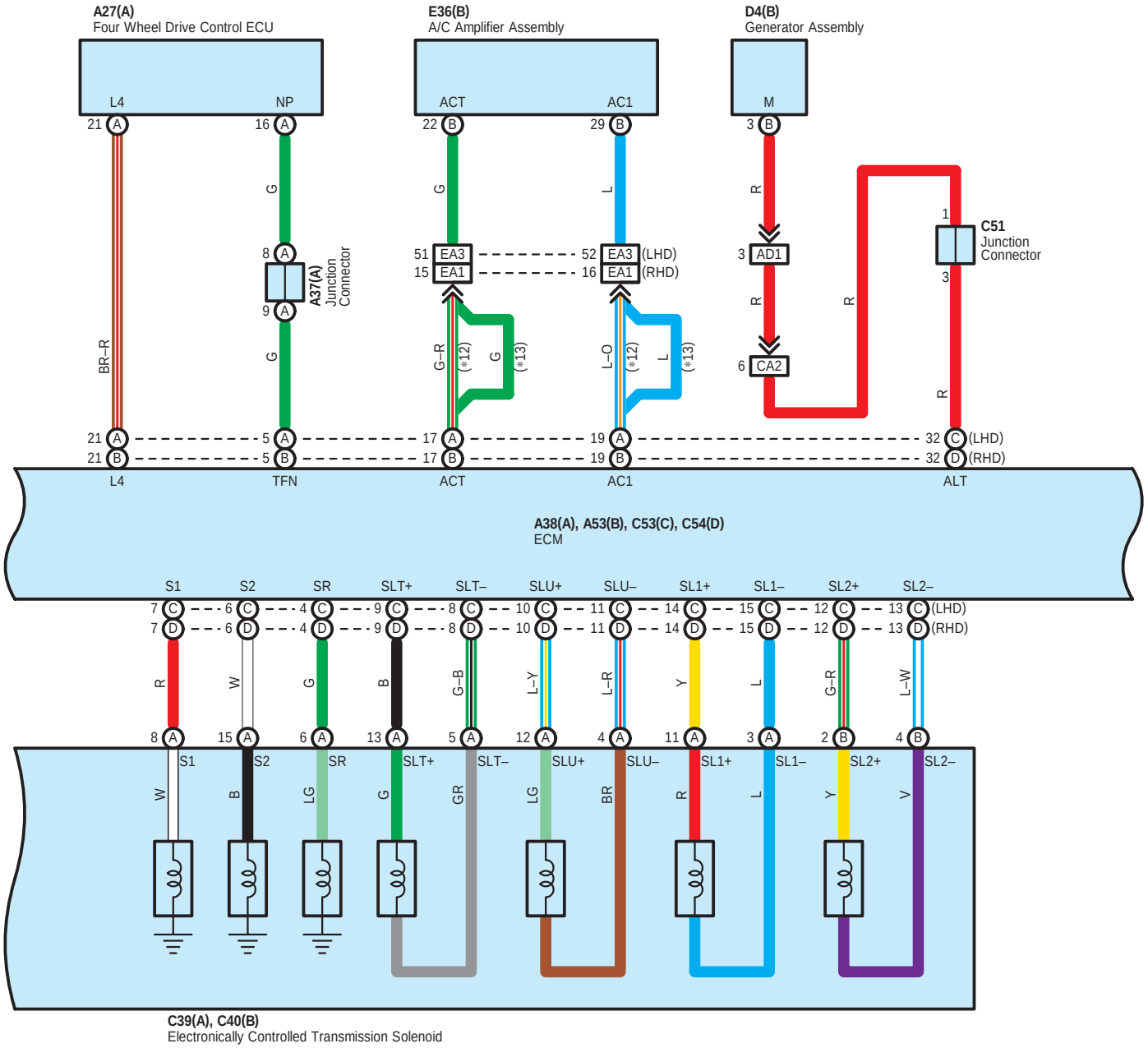


∗ 1 : Shielded
∗ 3 : Before Jul. 2009 Production
∗ 4 : From Jul. 2009 Production
∗ 7 : Before Aug. 2010 Production
∗ 8 : From Aug. 2010 Production
∗ 9 : Before Jan. 2012 Production
∗10 : From Jan. 2012 Production
∗12 : Before Jan. 2013 Production
∗13 : From Jan. 2013 Production



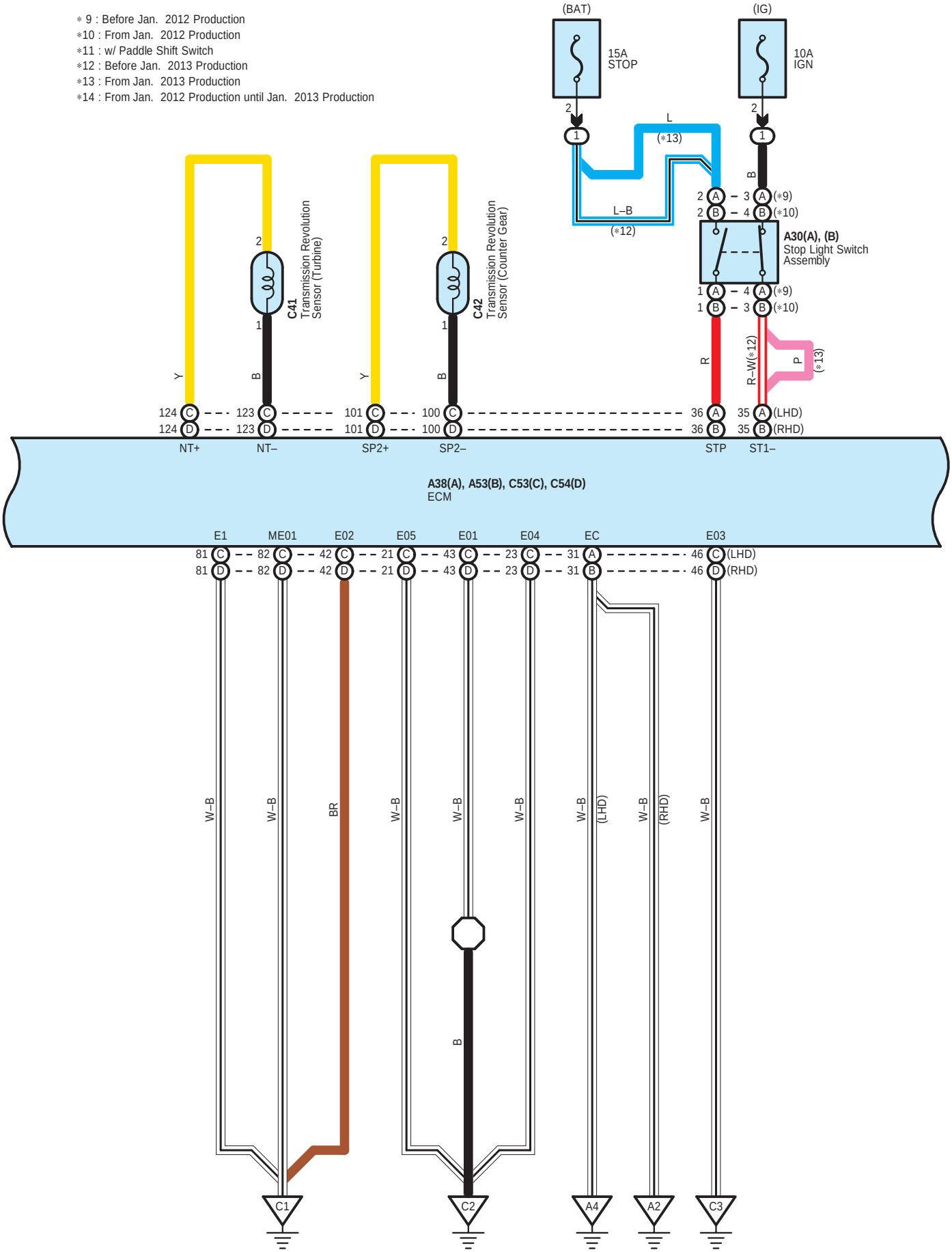

C4
Throttle Body Assembly
VC
E2
VTA
VTA2
M+
M–
A31
Accelerator Pedal Sensor Assembly
VPA
VPA2
VCPA
VCP2
EPA
EPA2
(LHD)
(RHD)
VCTA
ETA
VTA1
VTA2
M+
M–
GE01
VPA
VPA2
VCPA
VCP2
EPA
EPA2
A38(A), A53(B), C53(C), C54(D)
ECM
KNK1
EKNK
KNK2
EKN2
C50
Junction Connector
U1(A), U5(B)
Knock Control Sensor (Bank 1 Sensor 1)
U2(A), U6(B)
Knock Control Sensor (Bank 2 Sensor 1)
C3

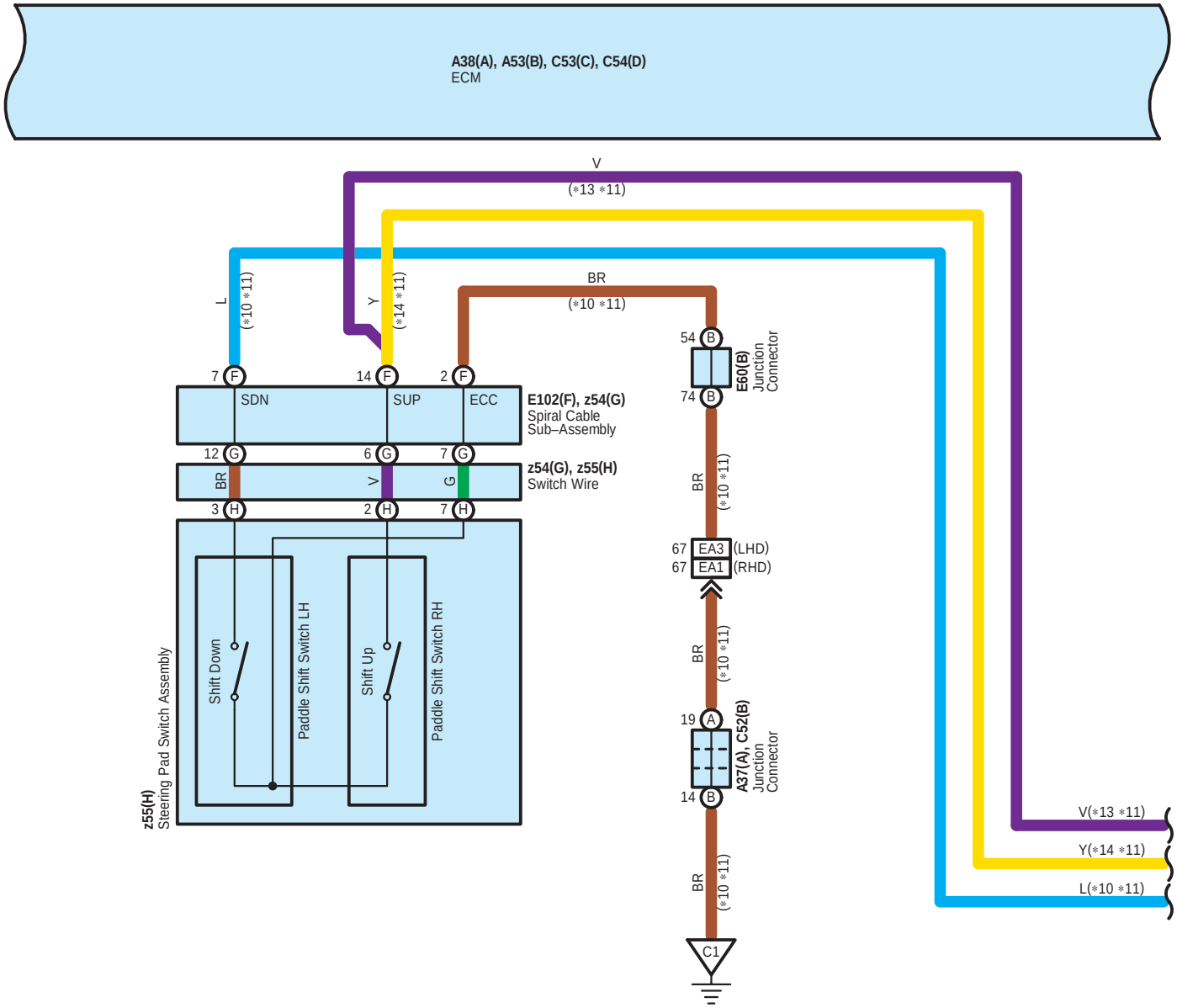

E28
ID Code Box
EFIO
EFII
E22
DLC3
TC
TAC
E60(A)
Junction
Connector
E58(A), (B)
Junction
Connector
(LHD)
(RHD)
IMI
IMO
TC
TACH
A38(A), A53(B), C53(C), C54(D)
ECM
KNK3
EKN3
KNK4
EKN4
S4
S3
THO1
THO2
U3(A), U7(B)
Knock Control Sensor (Bank 1 Sensor 2)
U4(A), U8(B)
Knock Control Sensor (Bank 2 Sensor 2)
C39(A), C40(B)
Electronically Controlled
Transmission Solenoid
OT+
OT–
OT2+
OT2–
BR



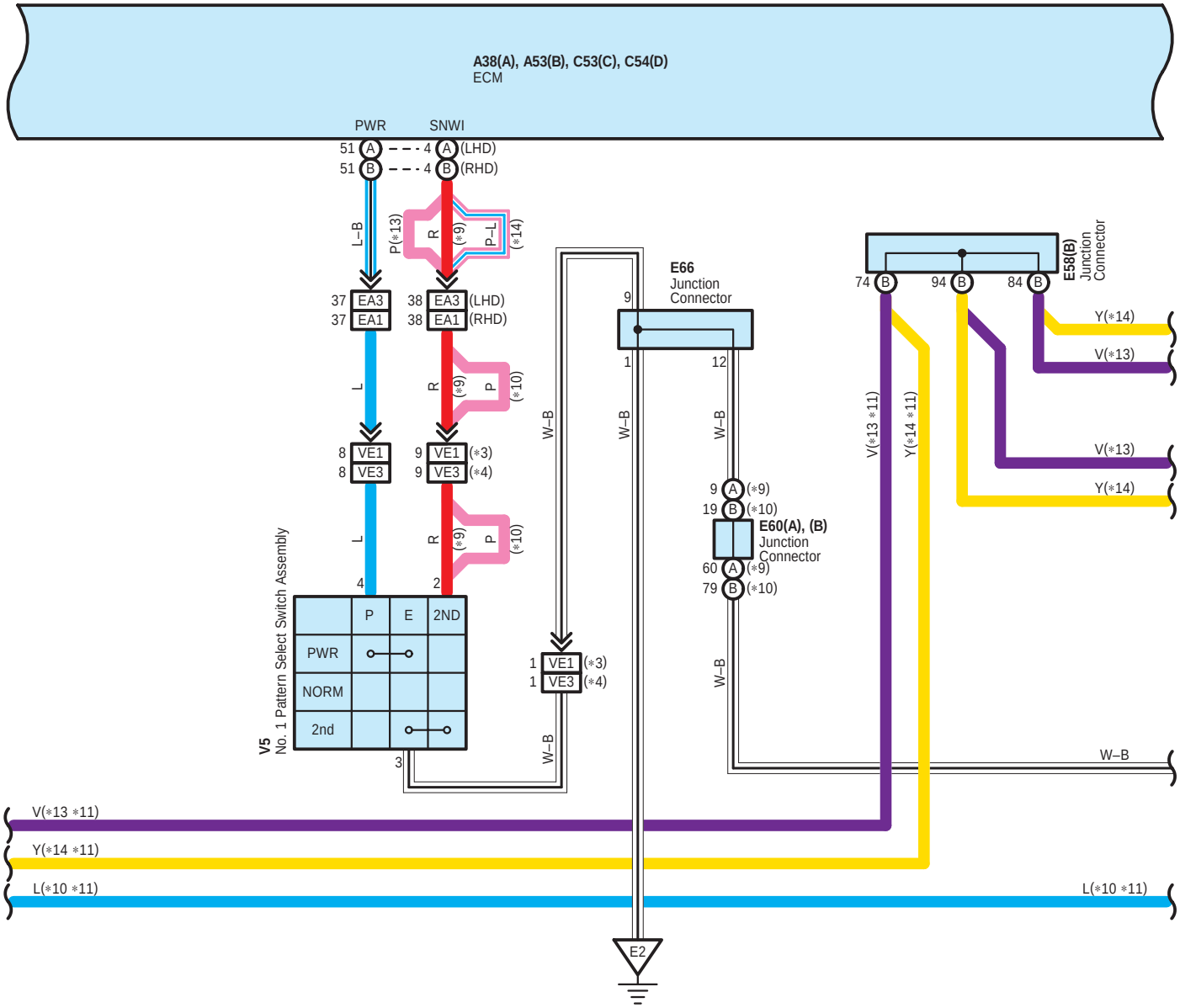

∗ 1 : Shielded
∗ 7 : Before Aug. 2010 Production
∗ 8 : From Aug. 2010 Production
∗ 9 : Before Jan. 2012 Production
∗10 : From Jan. 2012 Production
∗12 : Before Jan. 2013 Production
∗13 : From Jan. 2013 Production

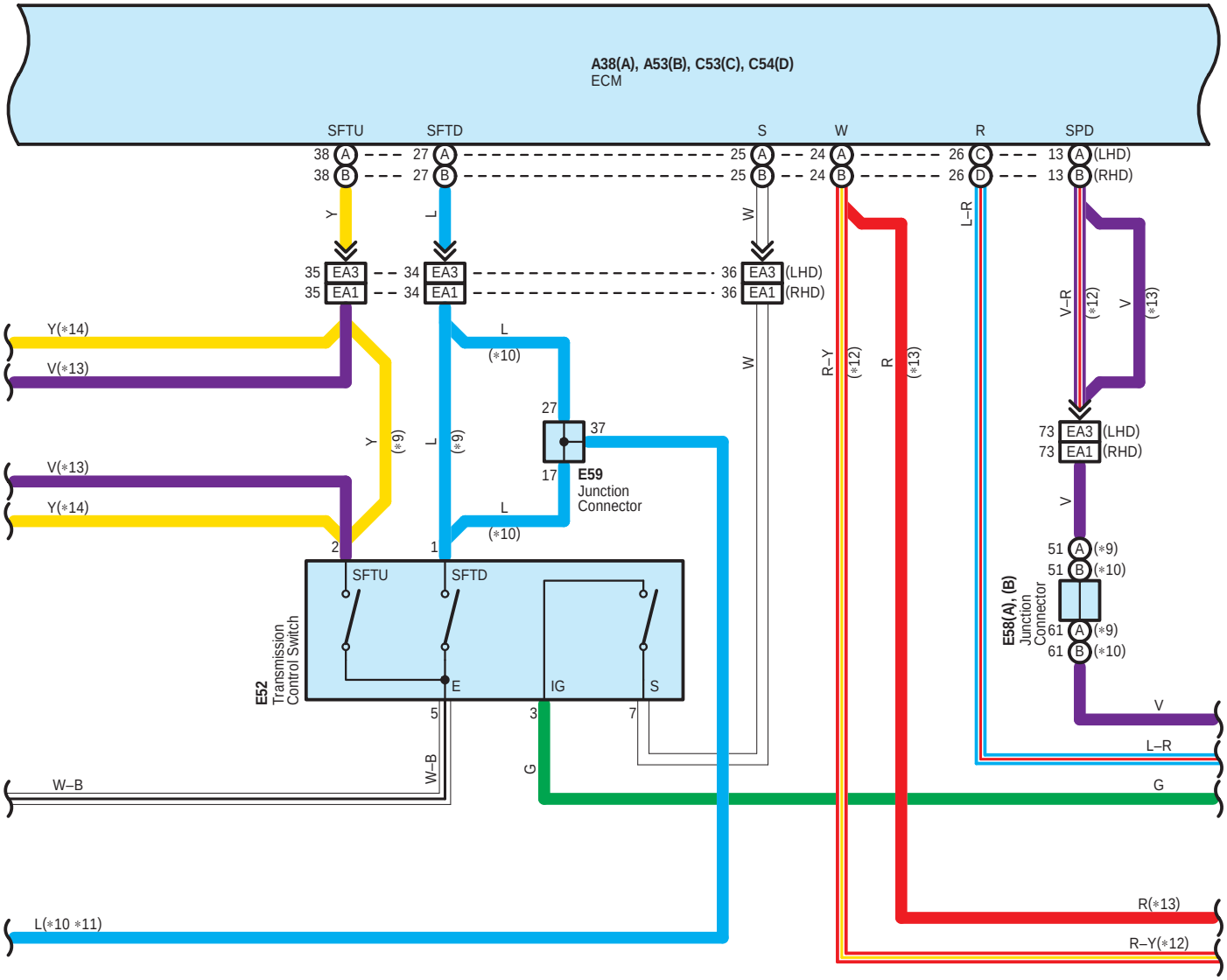
∗ 9 : Before Jan. 2012 Production
∗10 : From Jan. 2012 Production
∗11 : w/ Paddle Shift Switch
∗12 : Before Jan. 2013 Production
∗13 : From Jan. 2013 Production
∗14 : From Jan. 2012 Production until Jan. 2013 Production

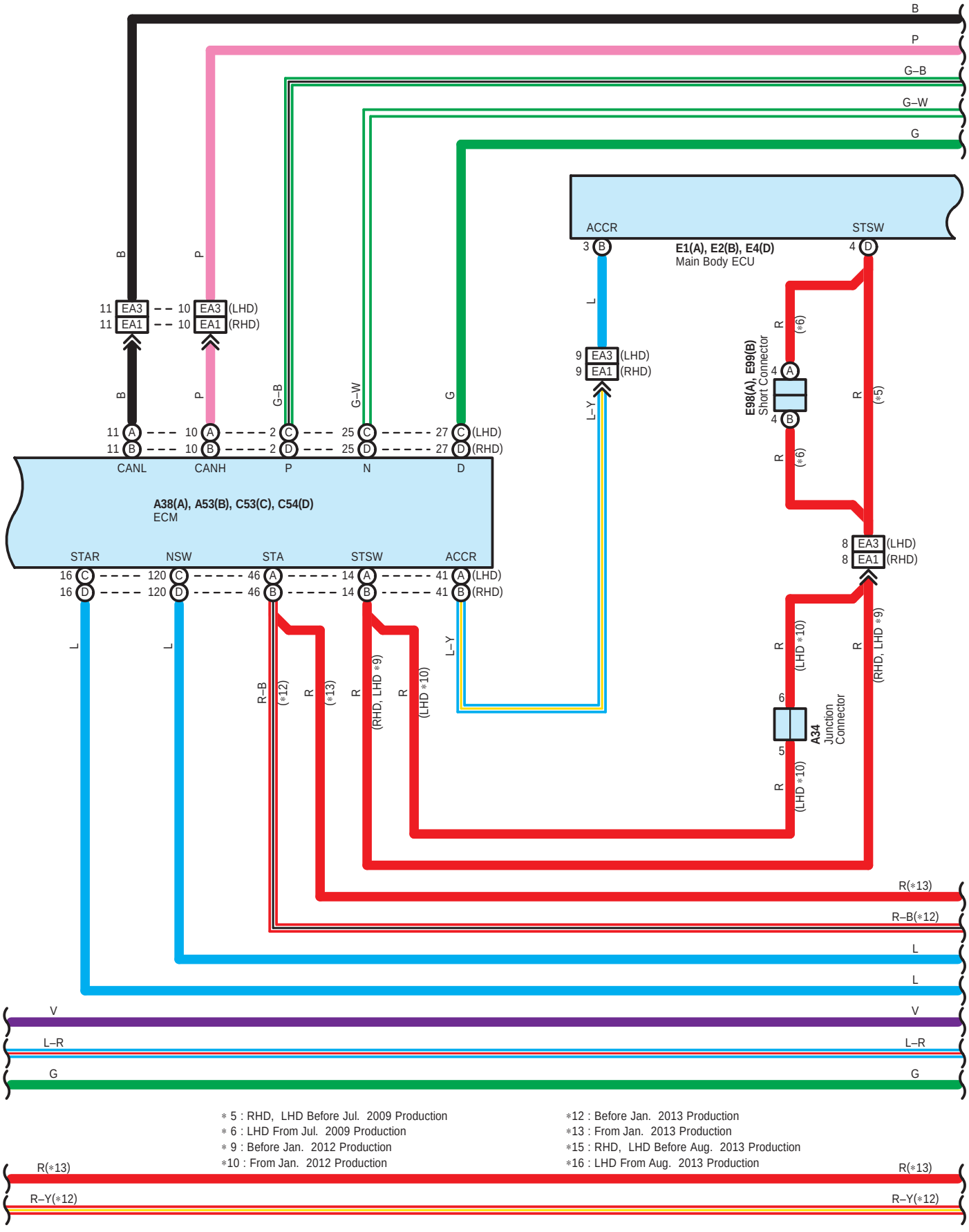



A38(A), A53(B), C53(C), C54(D)
ECM
V
(*13 *11)
L
(*10 *11)
Y
(*14 *11)
BR
(*10 *11)
7 F
14 F
2 F
SDN
SUP
ECC
E102(F), z54(G)
Spiral Cable
Sub–Assembly
12 G
6 G
7 G
BR
V
G
z54(G), z55(H)
Switch Wire
3 H
2 H
7 H
Shift Down
Paddle Shift Switch LH
Shift Up
Paddle Shift Switch RH
z55(H)
Steering Pad Switch Assembly
54 B
74 B
E60(B)
Junction
Connector
BR
(*10 *11)
67 EA3 (LHD)
67 EA1 (RHD)
BR
(*10 *11)
19 A
14 B
A37(A), C52(B)
Junction
Connector
BR
(*10 *11)
C1
V(*13 *11)
Y(*14 *11)
L(*10 *11)

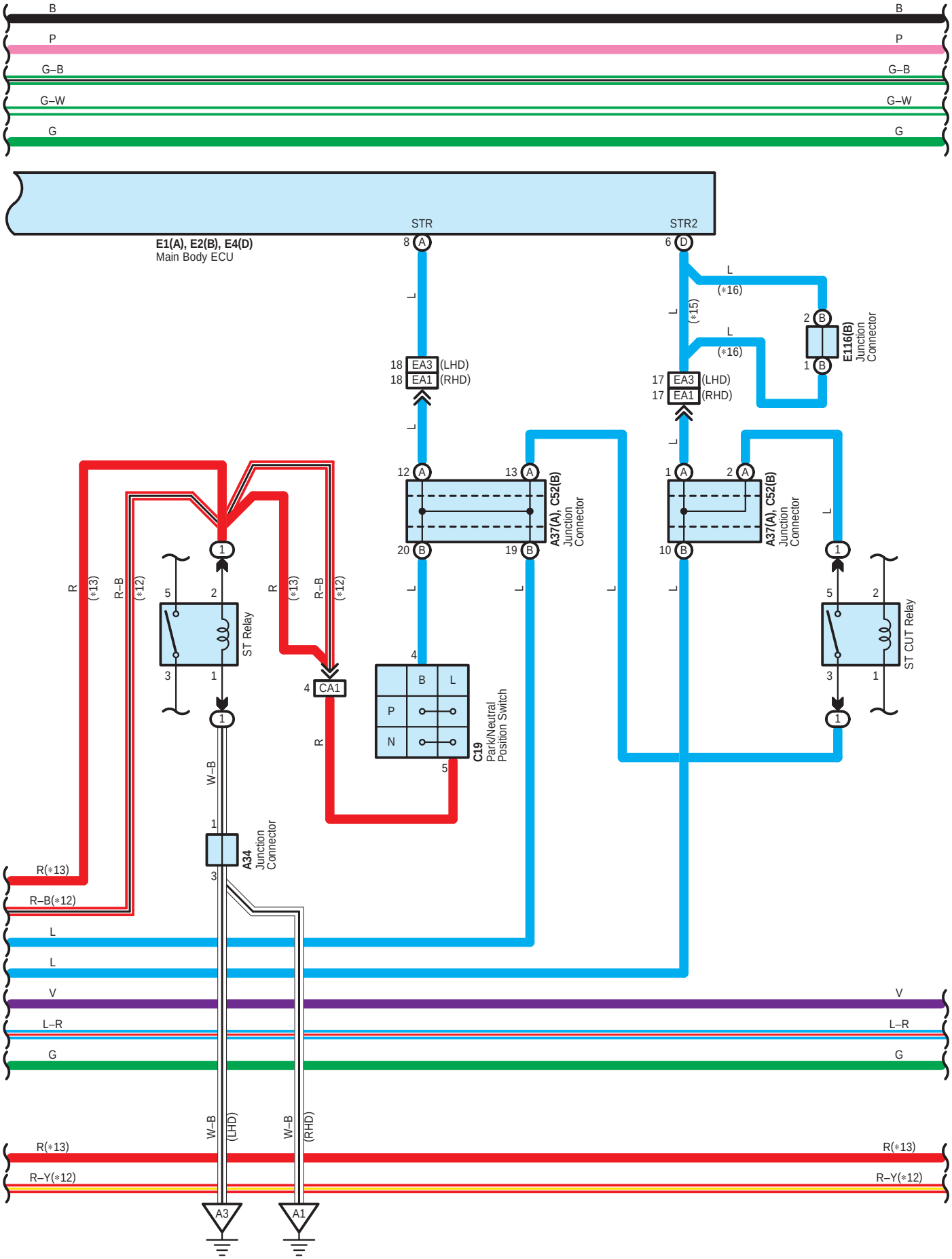
∗ 3 : Before Jul. 2009 Production
∗ 4 : From Jul. 2009 Production
∗ 9 : Before Jan. 2012 Production
∗10 : From Jan. 2012 Production
∗11 : w/ Paddle Shift Switch
∗12 : Before Jan. 2013 Production
∗13 : From Jan. 2013 Production
∗14 : From Jan. 2012 Production until Jan. 2013 Production

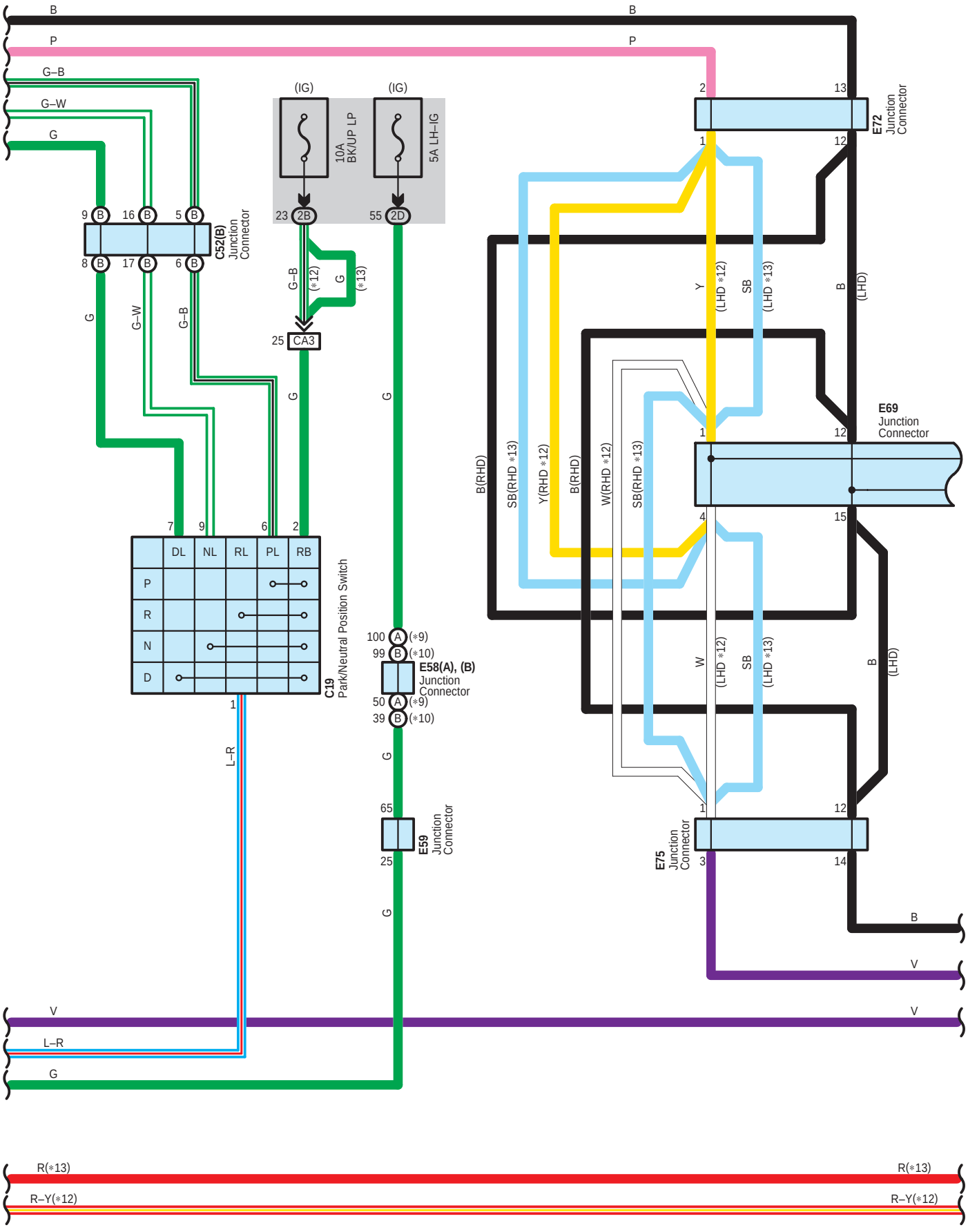


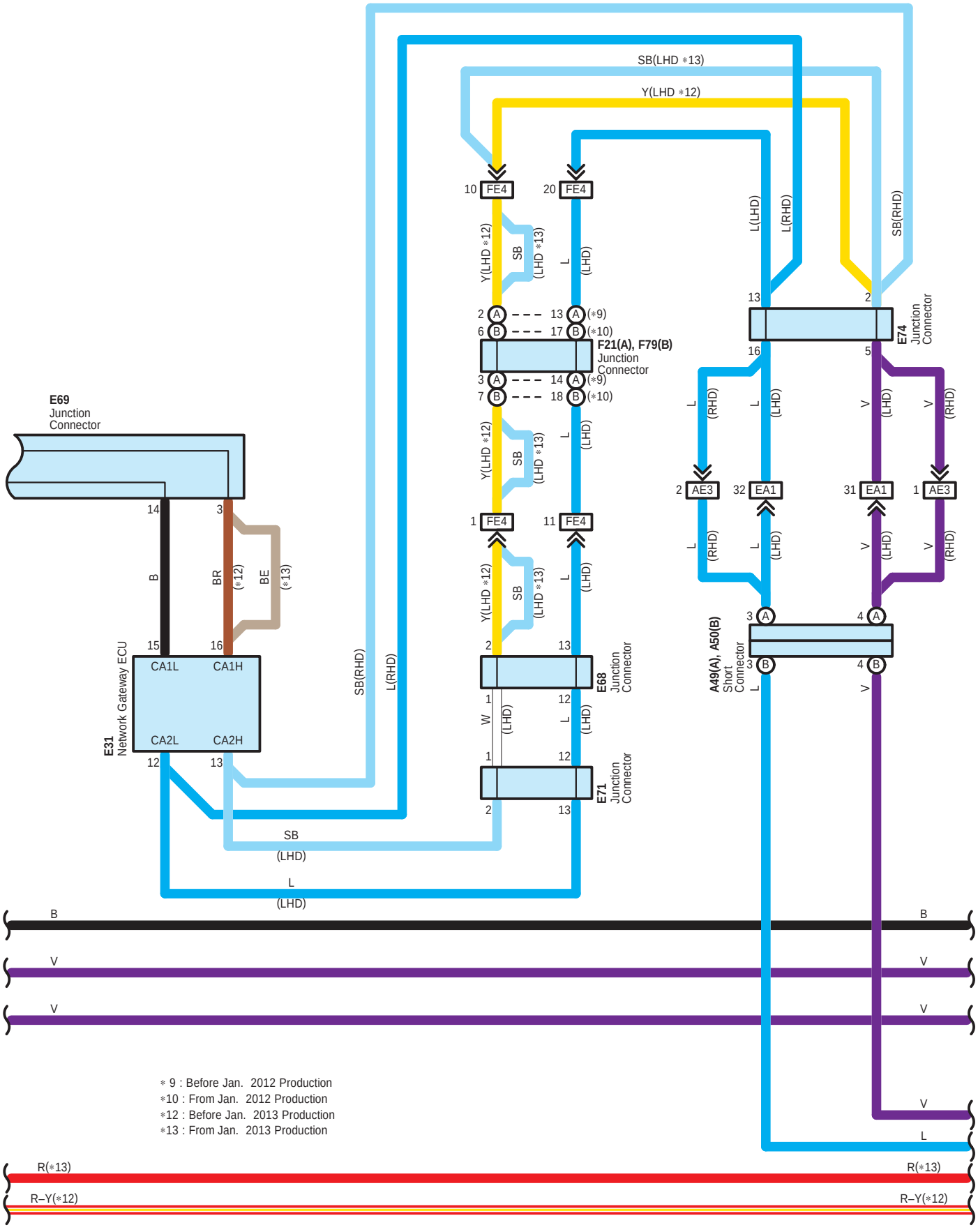

A38(A), A53(B), C53(C), C54(D)
ECM
SFTU
SFTD
S
W
R
SPD
38 A
38 B
27 A
27 B
25 A
25 B
24 A
24 B
26 C
26 D
13 A (LHD)
13 B (RHD)
Y
L
W
L–R
35 EA3
35 EA1
34 EA3
34 EA1
36 EA3 (LHD)
36 EA1 (RHD)
V–R
(∗12)
V
(∗13)
Y(∗14)
V(∗13)
L
(∗10)
W
R–Y
(∗12)
R
(∗13)
27
37
17
E59
Junction
Connector
73 EA3 (LHD)
73 EA1 (RHD)
Y
(∗9)
L
(∗9)
V(∗13)
Y(∗14)
L
(∗10)
2
1
51 A (∗9)
51 B (∗10)
E58(A), (B)
Junction
Connector
61 A (∗9)
61 B (∗10)
SFTU
SFTD
E52
Transmission
Control Switch
E
IG
S
5
3
7
V
L–R
W–B
G
G
W–B
R(∗13)
L(∗10 ∗11)
R–Y(∗12)



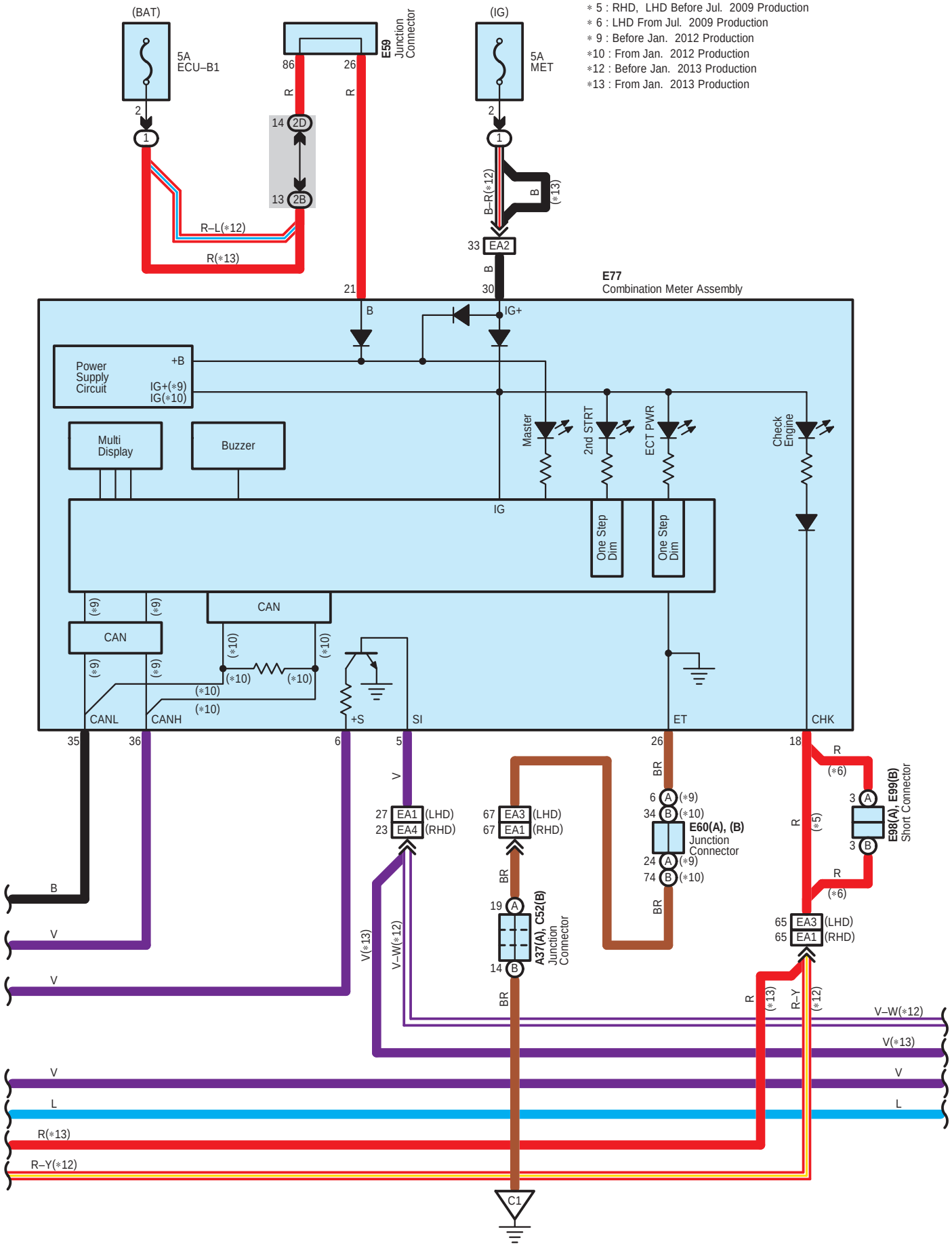

∗ 5 : RHD, LHD Before Jul. 2009 Production
∗ 6 : LHD From Jul. 2009 Production
∗ 9 : Before Jan. 2012 Production
∗10 : From Jan. 2012 Production
∗12 : Before Jan. 2013 Production
∗13 : From Jan. 2013 Production
∗15 : RHD, LHD Before Aug. 2013 Production
∗16 : LHD From Aug. 2013 Production

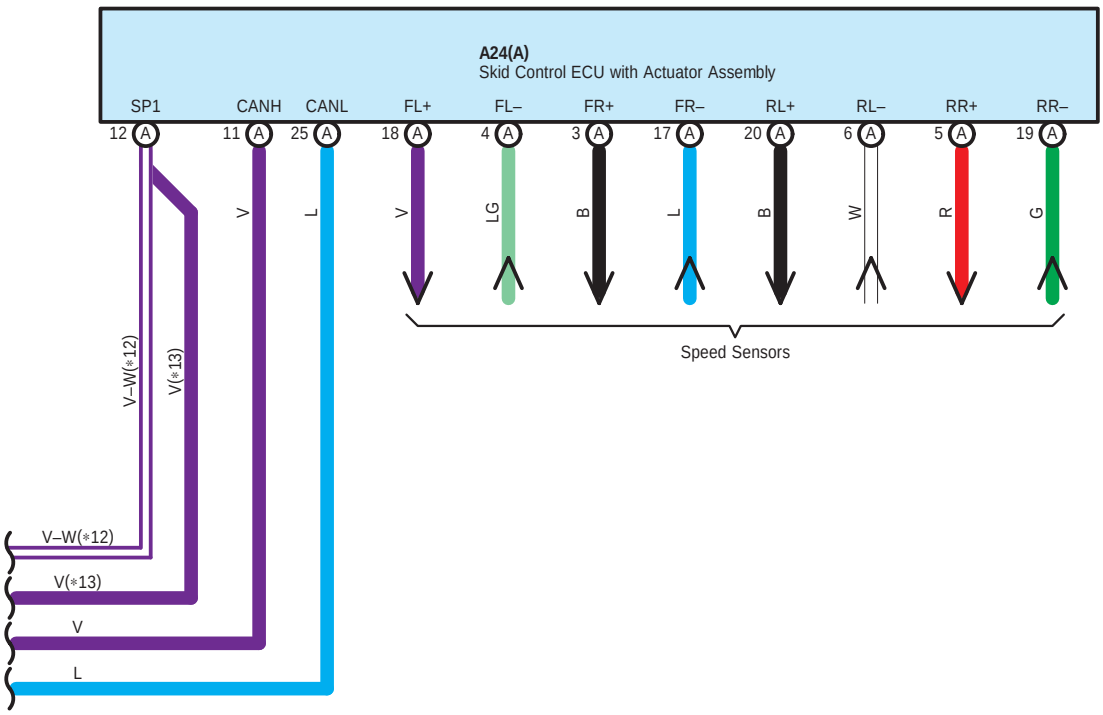

B
P
G–B
G–W
G
E1(A), E2(B), E4(D)
Main Body ECU
STR
STR2
8 A
6 D
L
(∗16)
(∗15)
2 B
E116(B)
Junction Connector
1 B
18 EA3 (LHD)
18 EA1 (RHD)
17 EA3 (LHD)
17 EA1 (RHD)
12 A
13 A
20 B
19 B
A37(A), C52(B)
Junction Connector
1 A
2 A
10 B
R
(∗13)
R–B
(∗12)
ST Relay
5
2
3
1
4 CA1
4
B
L
P
N
5
C19
Park/Neutral Position Switch
ST CUT Relay
W–B
A34
Junction Connector
R(∗13)
R–B(∗12)
L
V
L–R
G
W–B (LHD)
W–B (RHD)
R–Y(∗12)
A3
A1


B
P
G–B
G–W
G
(IG)
(IG)
10A
BK/UP LP
5A LH–IG
23 2B
55 2D
9 B 16 B 5 B
8 B 17 B 6 B
C52(B)
Junction
Connector
G–B
(*12)
G
(*13)
25 CA3
G
G–W
G–B
G
G
7 9 6 2
DL NL RL PL RB
P
R
N
D
C19
Park/Neutral Position Switch
1
L–R
100 A (*9)
99 B (*10)
E58(A), (B)
Junction
Connector
50 A (*9)
39 B (*10)
G
65
E59
Junction
Connector
25
G
2 13
1 12
E72
Junction
Connector
Y
(LHD *12)
SB
(LHD *13)
B
(LHD)
B(RHD)
SB(RHD *13)
Y(RHD *12)
B(RHD)
W(RHD *12)
SB(RHD *13)
1 12
4 15
E69
Junction
Connector
W
(LHD *12)
SB
(LHD *13)
B
(LHD)
1 12
3 14
E75
Junction
Connector
B
V
V
L–R
G
R(*13)
R–Y(*12)
R(*13)
R–Y(*12)

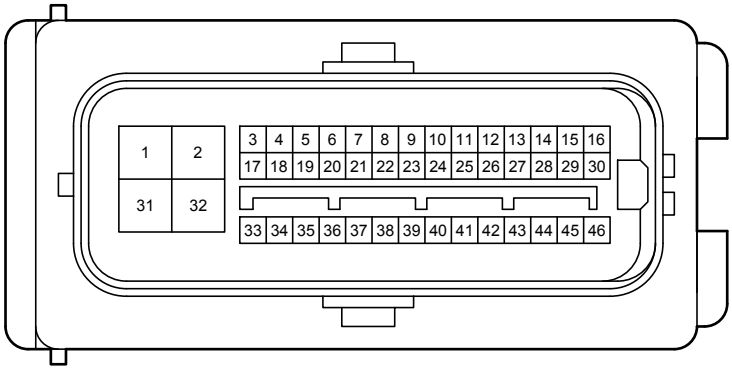



∗ 9 : Before Jan. 2012 Production
∗10 : From Jan. 2012 Production
∗12 : Before Jan. 2013 Production
∗13 : From Jan. 2013 Production

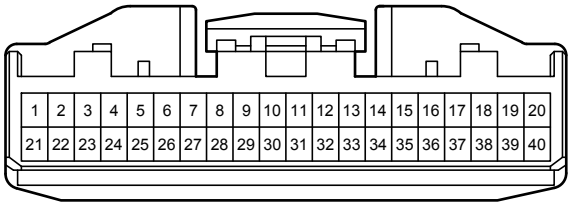

(BAT)
5A
ECU–B1
E59
Junction
Connector
(IG)
5A
MET
∗ 5 : RHD, LHD Before Jul. 2009 Production
∗ 6 : LHD From Jul. 2009 Production
∗ 9 : Before Jan. 2012 Production
∗10 : From Jan. 2012 Production
∗12 : Before Jan. 2013 Production
∗13 : From Jan. 2013 Production
R–L(∗12)
R(∗13)
B–R(∗12)
E77
Combination Meter Assembly
Power
Supply
Circuit
+B
IG+(∗9)
IG(∗10)
IG+
Multi
Display
Buzzer
Master
2nd STRT
ECT PWR
Check
Engine
IG
One Step
Dim
One Step
Dim
CAN
CANL
CANH
+S
SI
ET
CHK
E60(A), (B)
Junction
Connector
E98(A), E99(B)
Short Connector
A37(A), C52(B)
Junction
Connector
(LHD)
(RHD)
V(∗13)
V–W(∗12)
R–Y
L
C1


A24(A)
Skid Control ECU with Actuator Assembly
SP1
CANH
CANL
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
12 A
11 A
25 A
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
V
L
V
LG
B
L
B
W
R
G
Speed Sensors
V–W(∗12)
V(∗13)
V–W(∗12)
V(∗13)
V
L

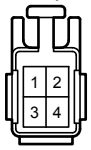
A 24
Black



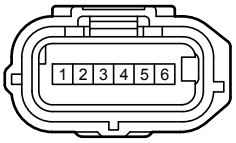

A 27
Black



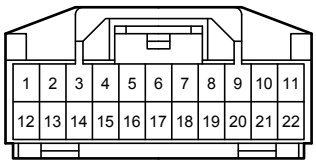

A 30
Gray



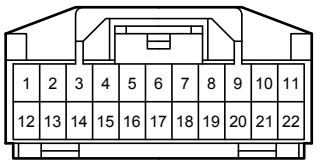

A 31
Black



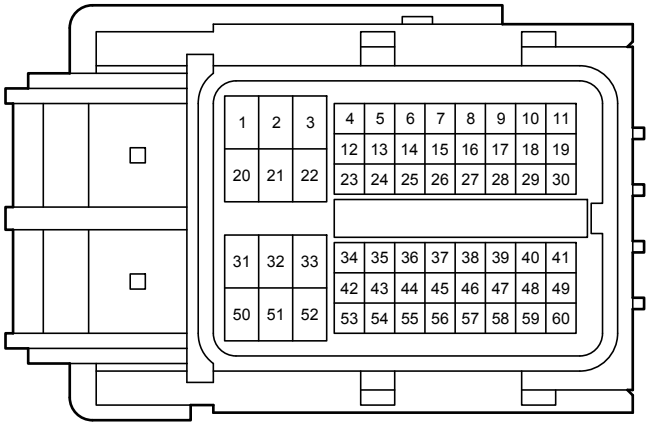

A 34
White




A 37
Blue




A 38
Black



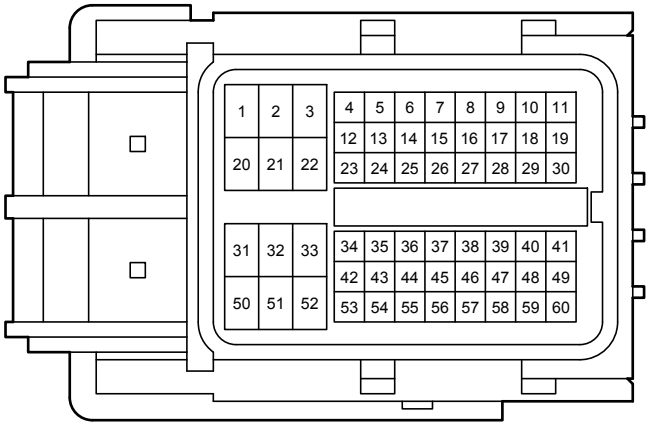

A 49
Gray



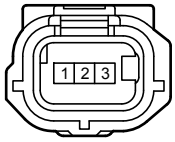

A 50
Gray



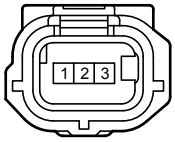
A 53
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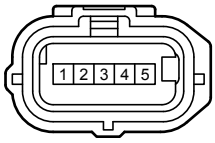

C 1
Black



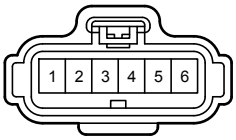

C 2
Black




C 3
Black



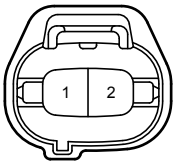

C 4
Black




C 15
Dark Gray




C 16
Black



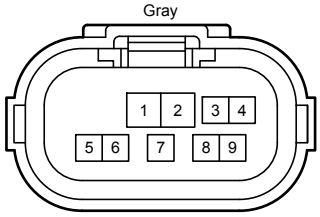

C 17
Dark Gray



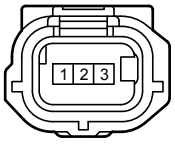

C 18
Dark Gray



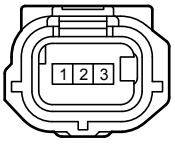

C 19
Gray



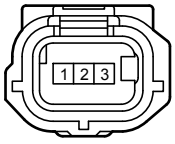

C 20
Black



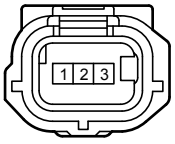

C 21
Black




C 22
Black




C 23
Black




C 24
Black




C 25
Black



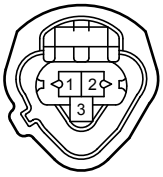

C 26
Black



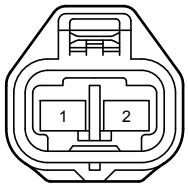

C 27
Black



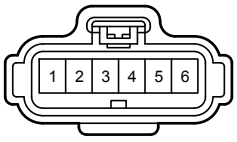

C 28
Gray



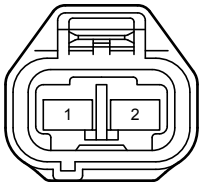

C 29
Black



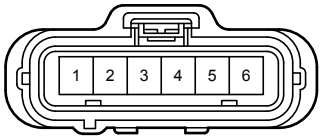

C 30
Black



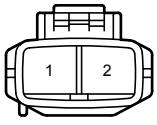

C 31
Gray



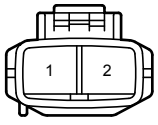

C 32
Gray



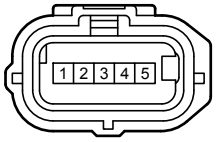

C 33
Gray



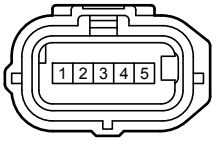

C 34
Gray



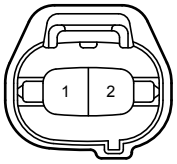
C 35
Black



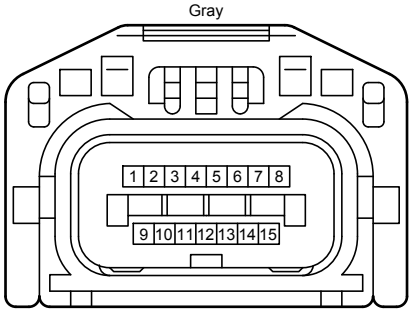

C 36
Black



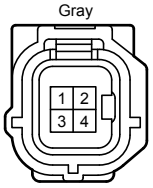

C 38
Black



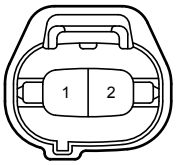

C 39
Gray



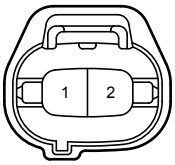

C 40
Gray




C 41
Black




C 42
Black



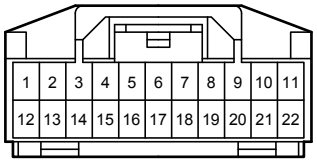

C 47
Dark Gray



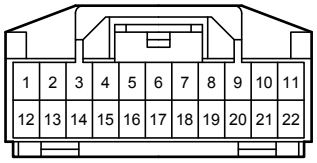

C 48
Dark Gray



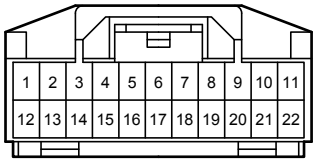

C 50
White



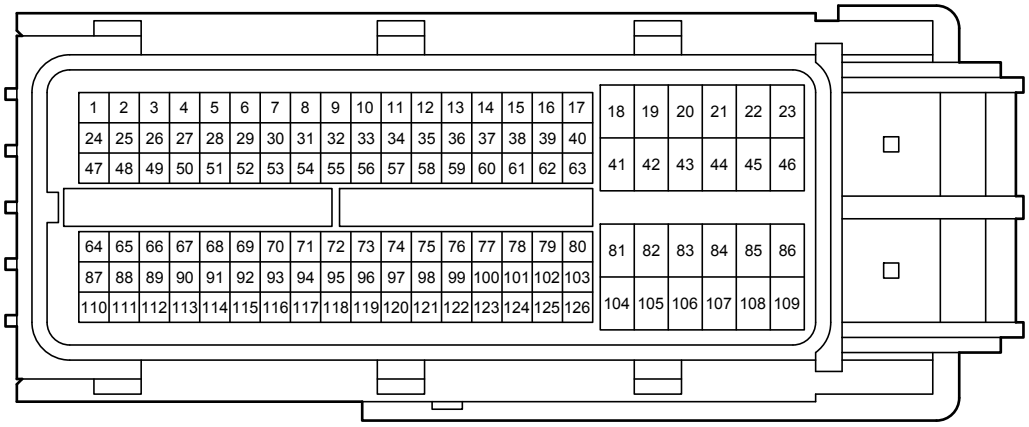

C 51
White



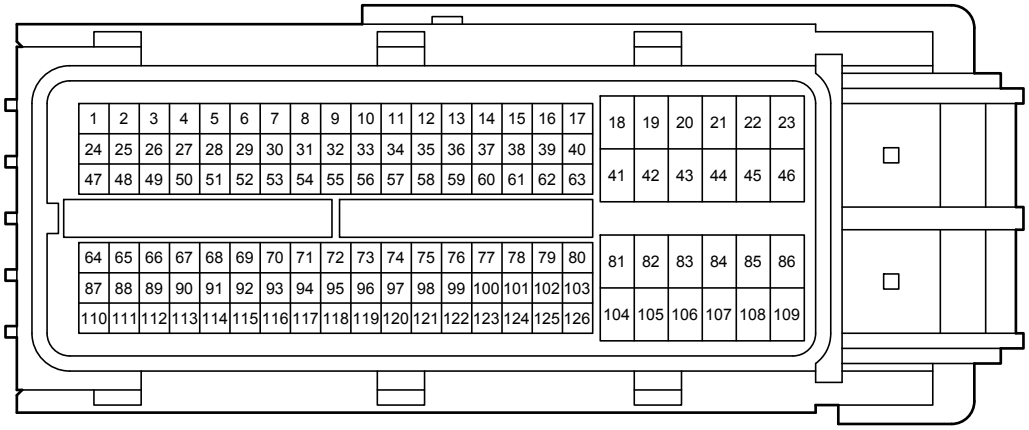

C 52
Blue



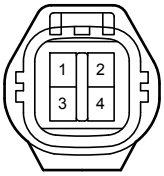

C 53
Black



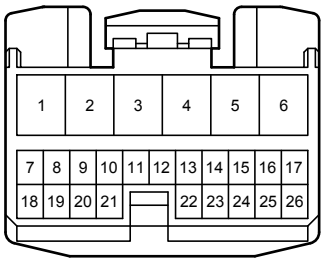
C 54
Black



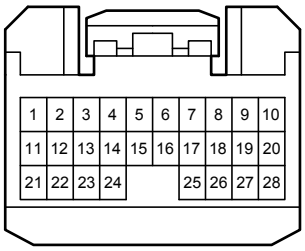

D 4
Black



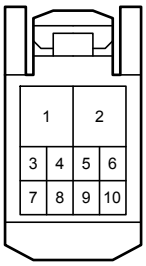

E 1
White



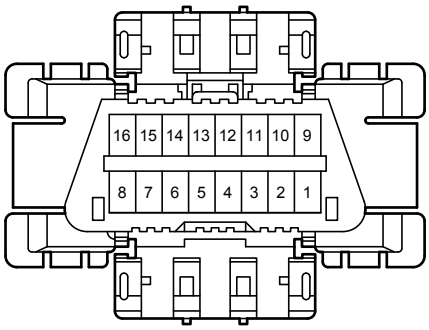

E 2
White



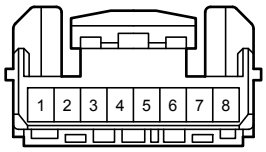

E 4
White



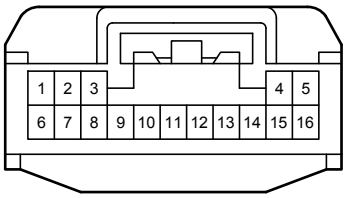

E 22
White



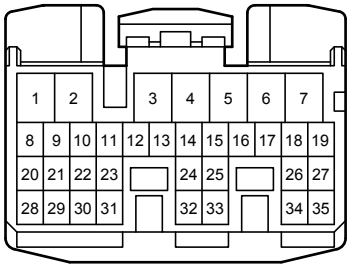

E 28
White



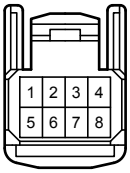

E 31
White



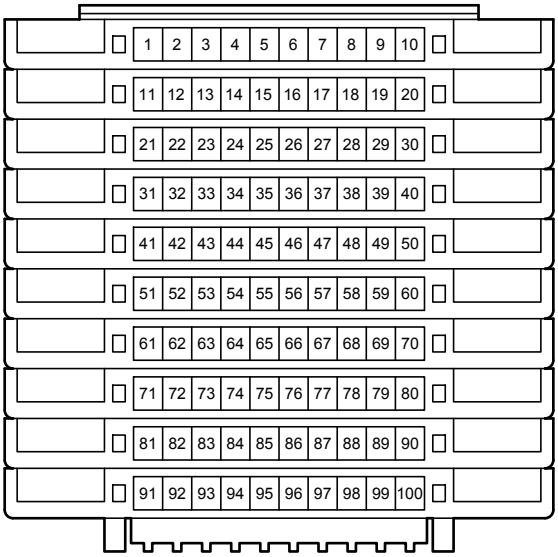
E 36
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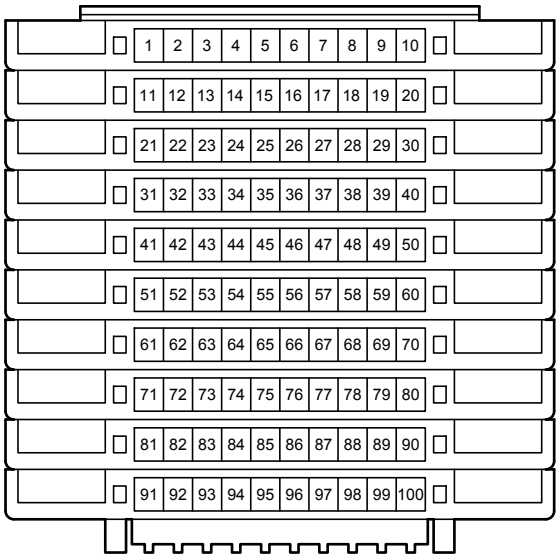

E 52
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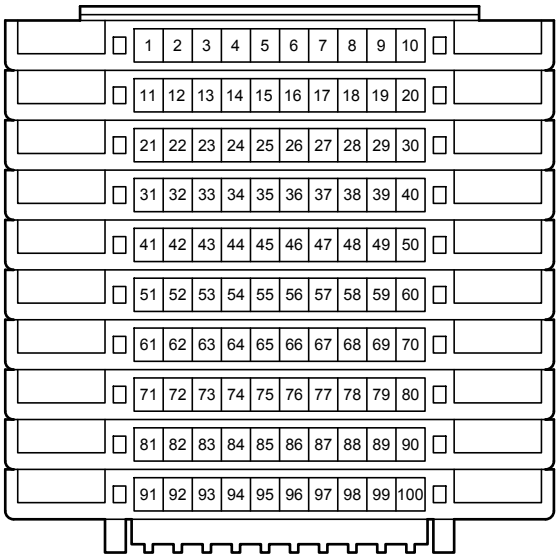

E 58
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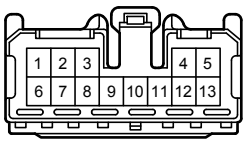

E 59
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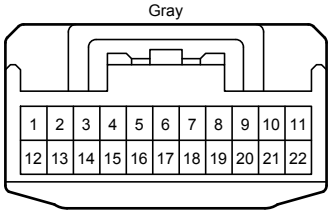

E 60
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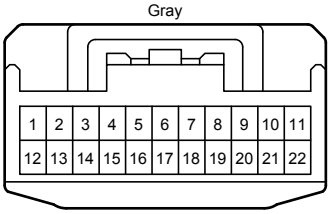

E 66
White



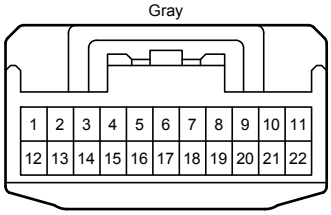

E 68
Gray



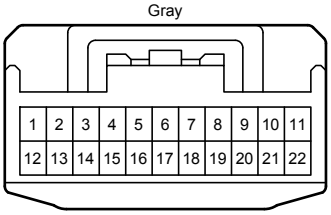

E 69
Gray



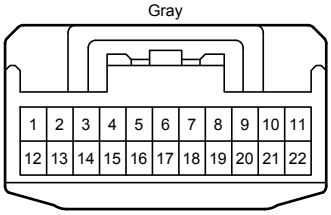

E 71
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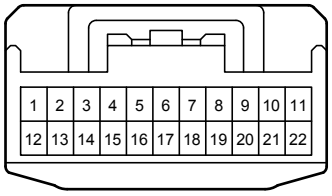

E 72
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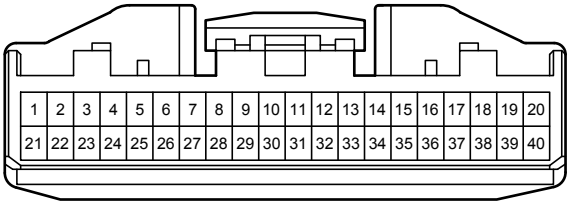

E 74
Gray



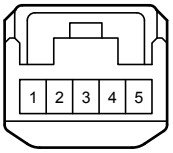
E 75
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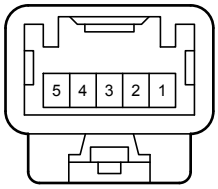

E 77
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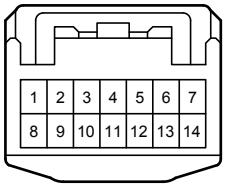

E 98
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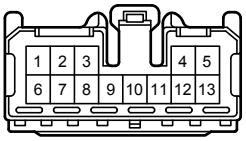

E 99
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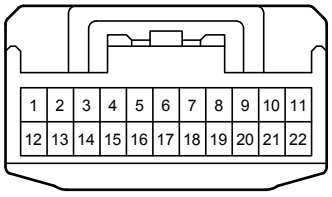

E102
Black



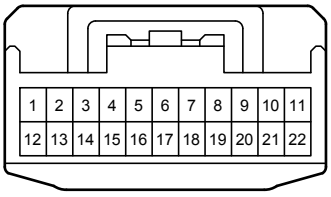

E116
White




F 21
Black



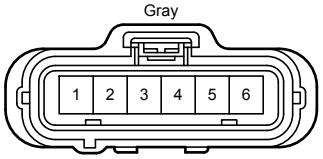

F 79
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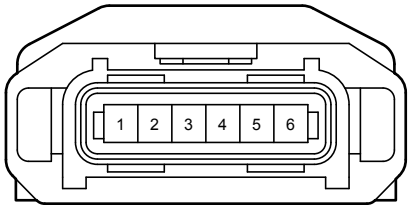

N 1
White



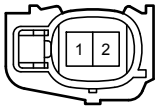

N 2
Gray



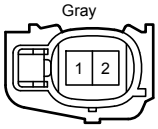

N 12
Black



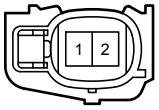

U 1
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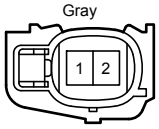

U 2
Gray



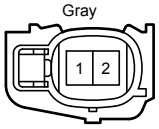

U 3
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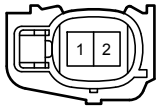

U 4
Gray



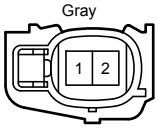

U 5
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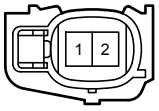

U 6
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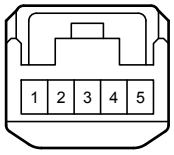

U 7
Gray



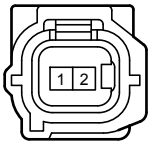

U 8
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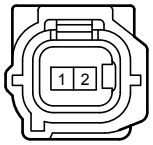

V 5
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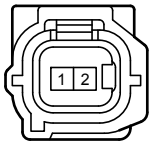

a 1
Black



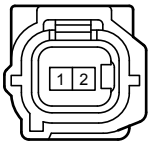

a 2
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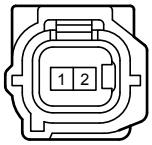

a 3
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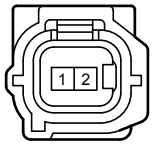

a 4
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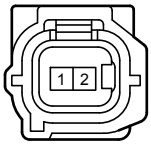

a 5
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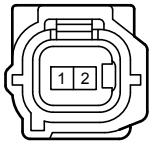

a 6
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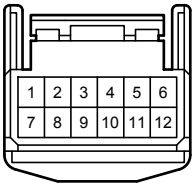

a 7
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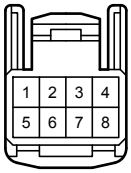
a 8
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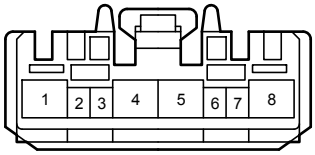

z 54
Black



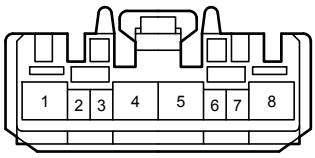

z 55
White



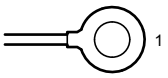

1A
White



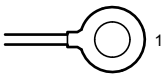

1B
White



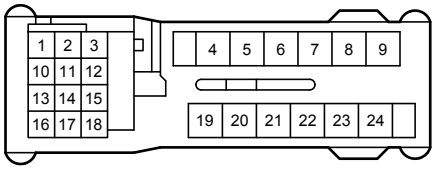

1F



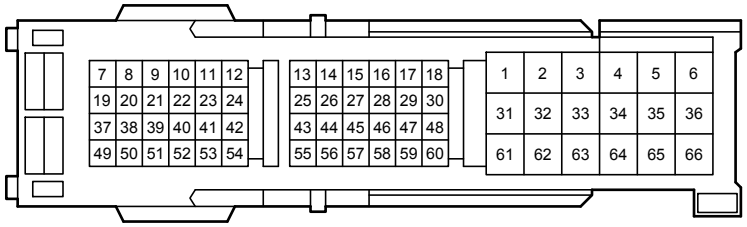

1G



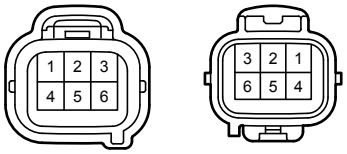

2B
White



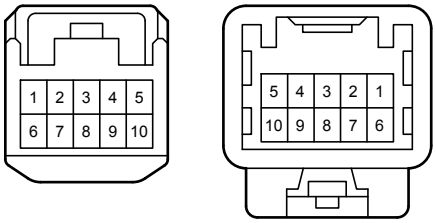

2D
White



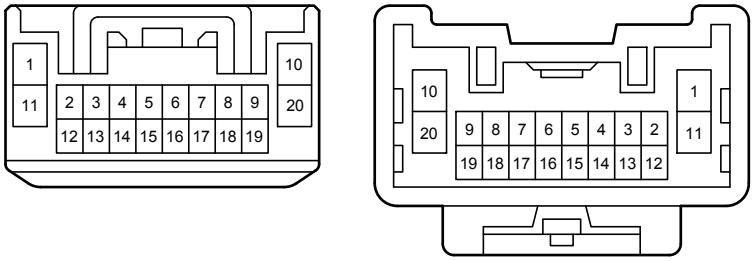

AD1
Black



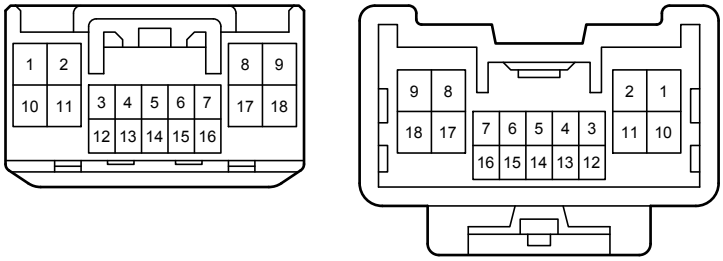

AE3
Gray



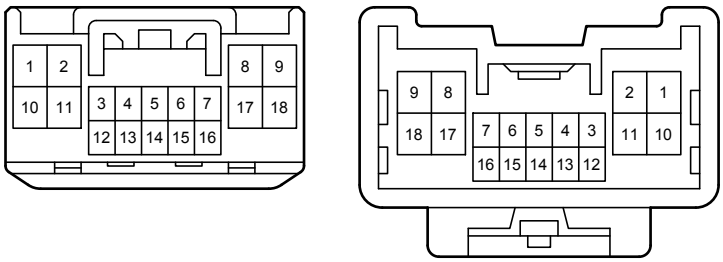

AK1
Blue



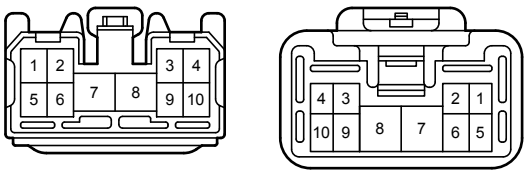
AK2
Gray



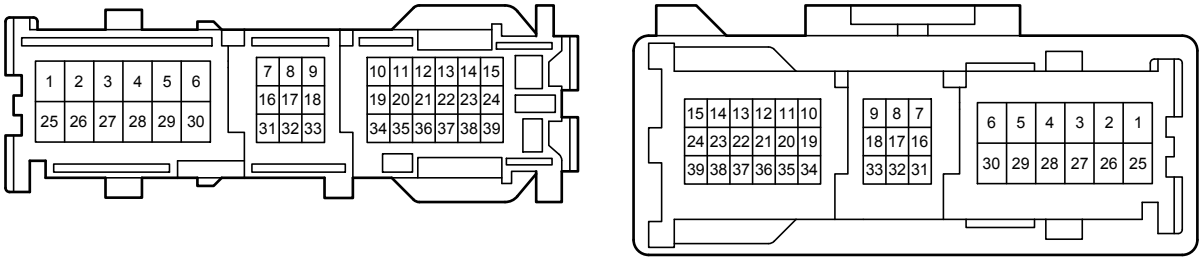

CA1
White



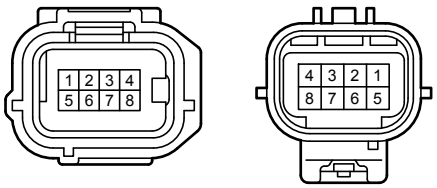

CA2
White



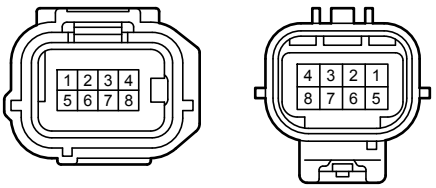

CA3
White

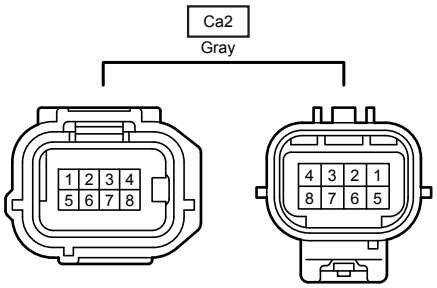


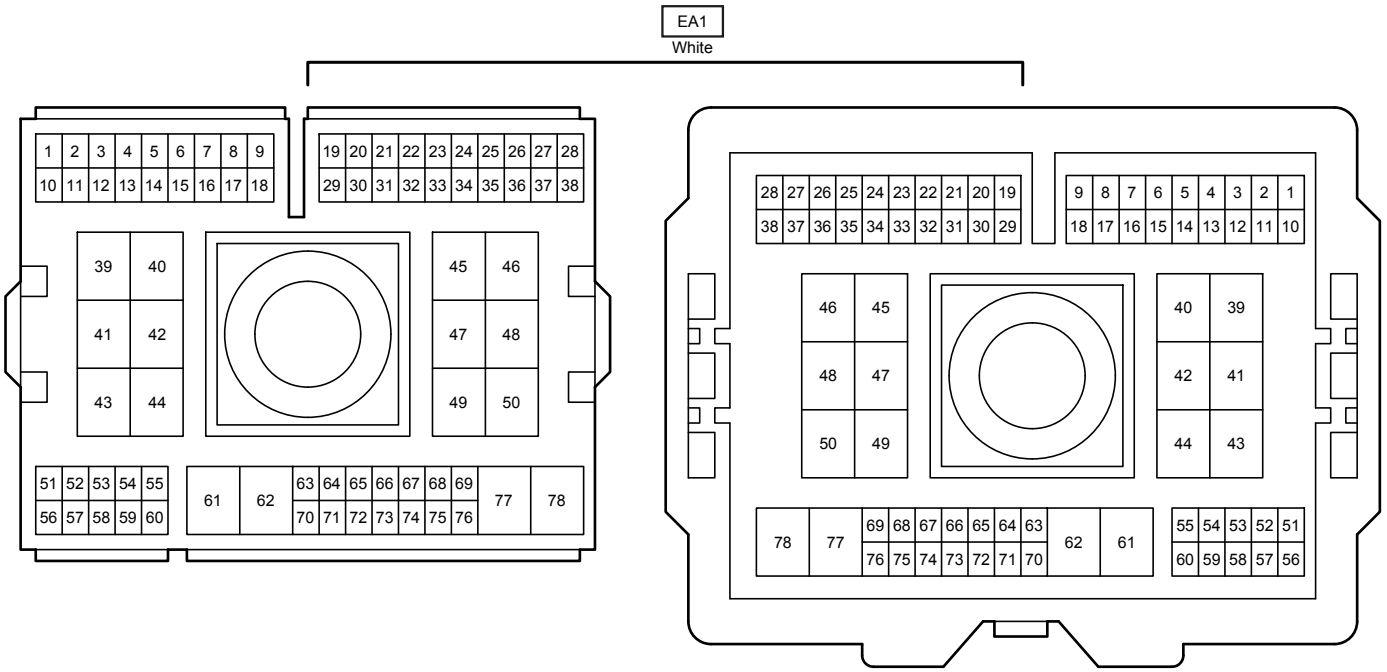

CU1
Gray

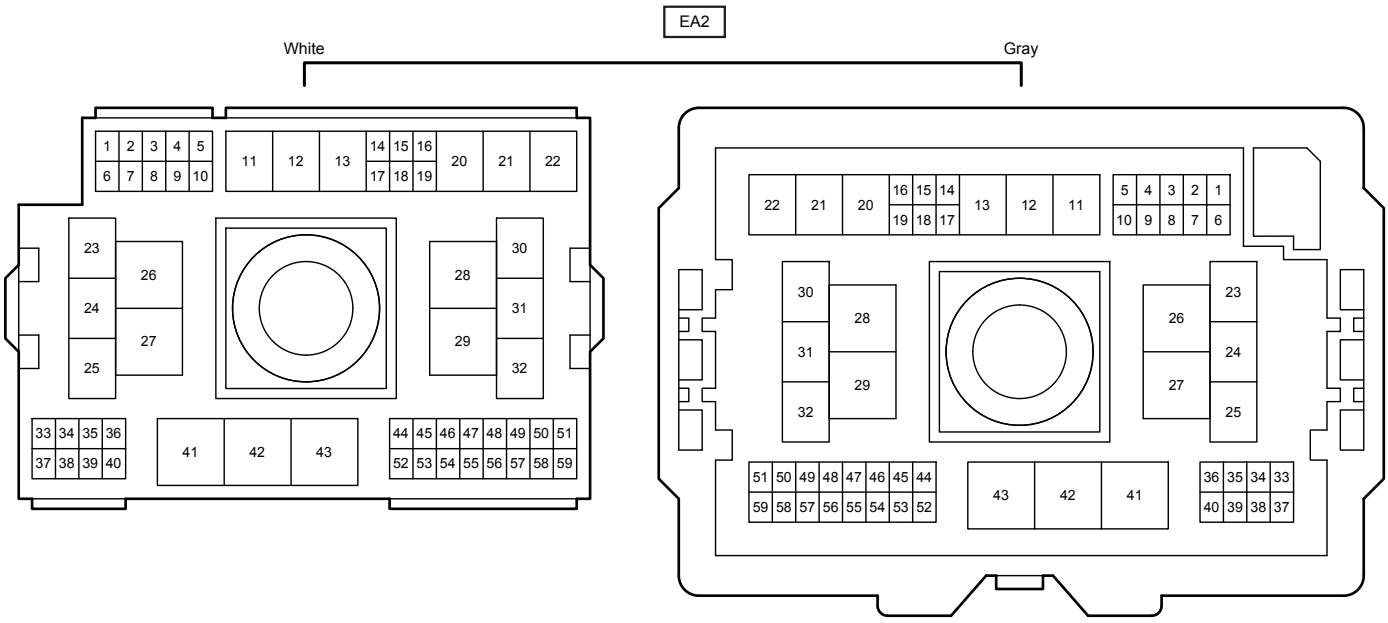



Ca1
Gray

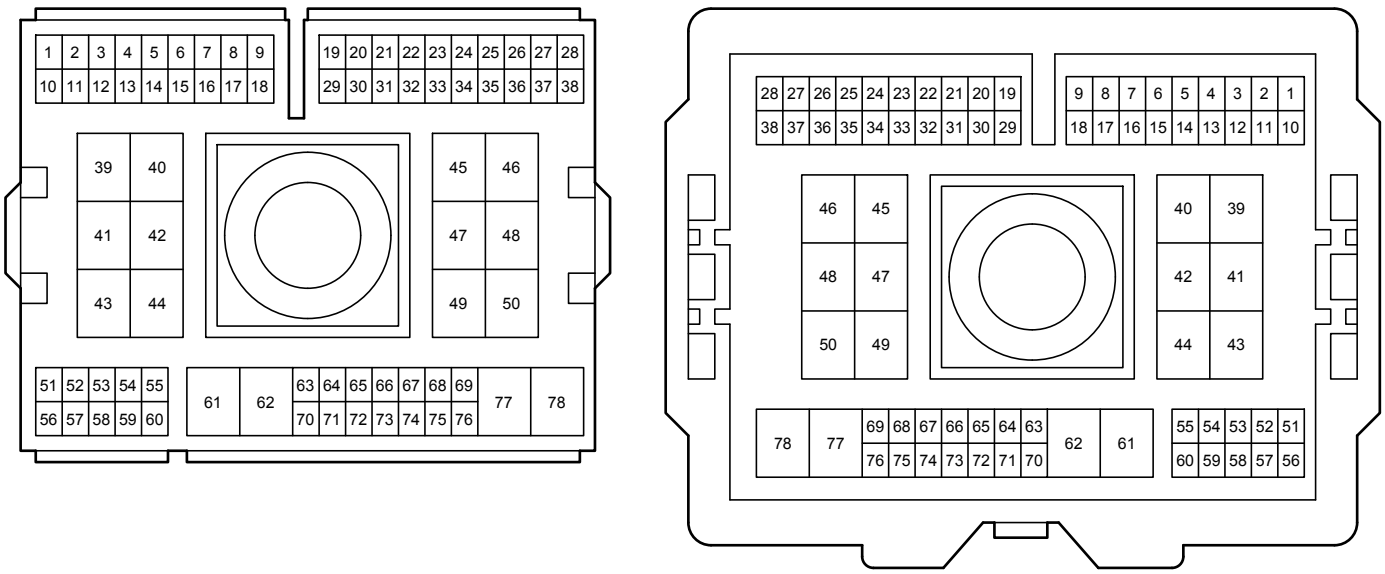



Ca2
Gray
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5

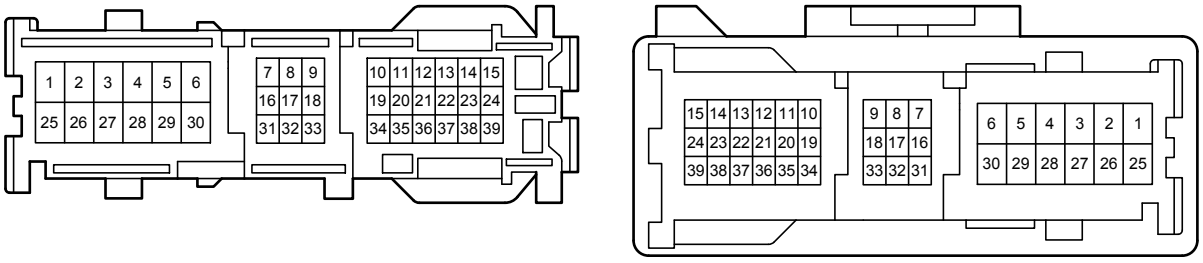

EA1
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61
62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77
78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7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

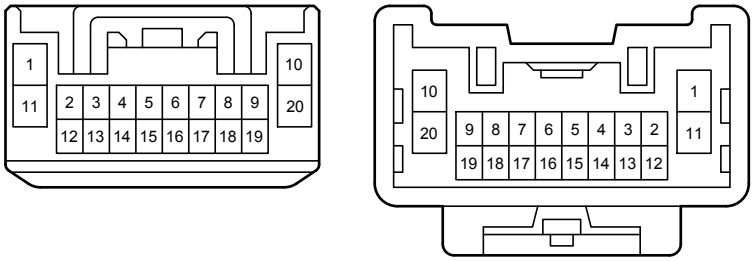
EA3
White



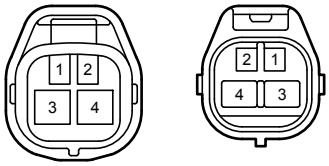

EA4
White



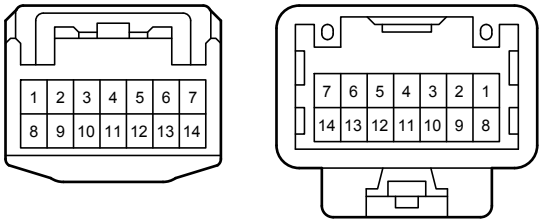

FE4
White



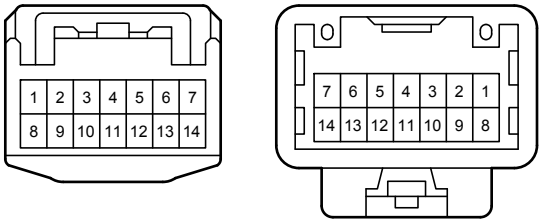

KN1
White

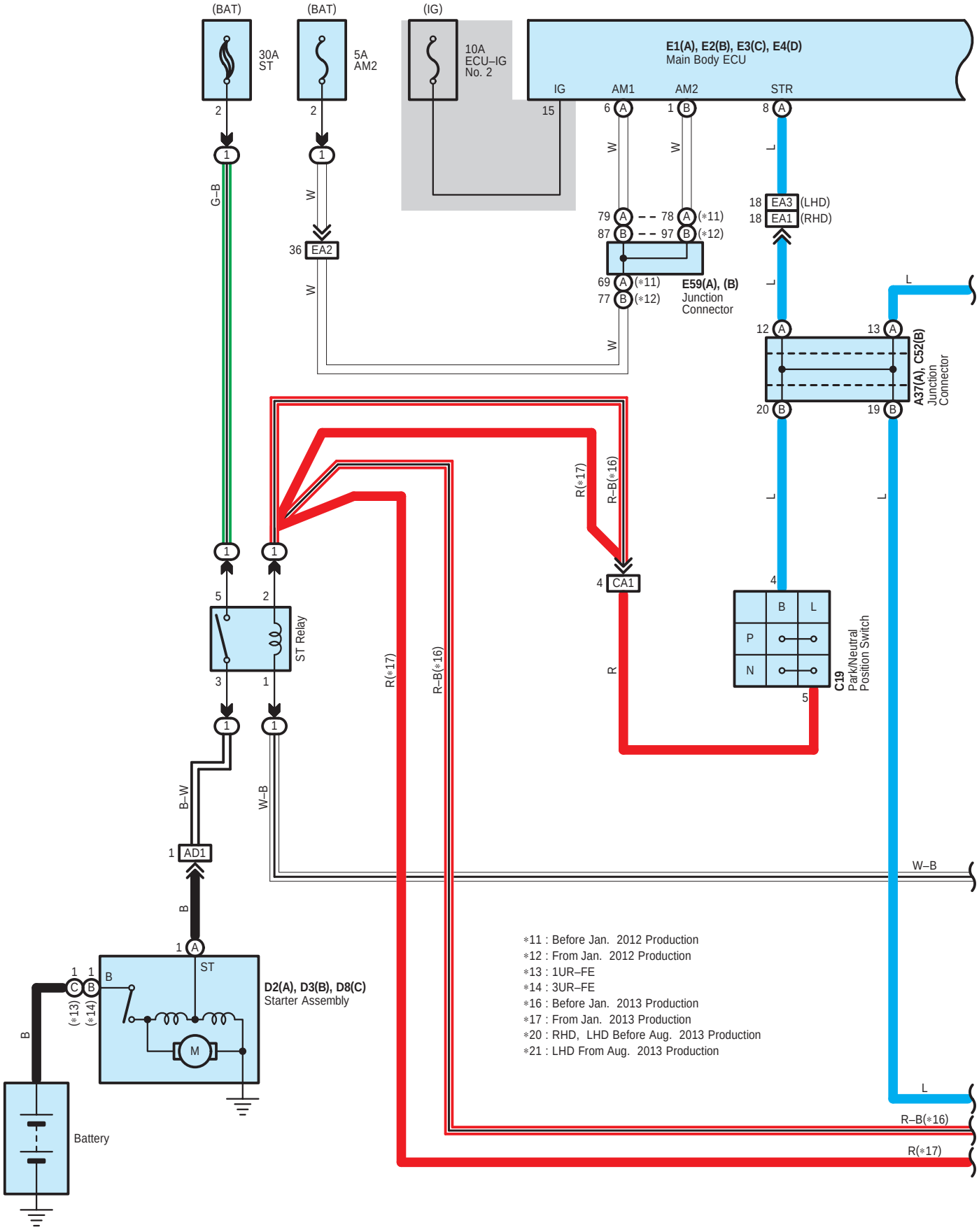


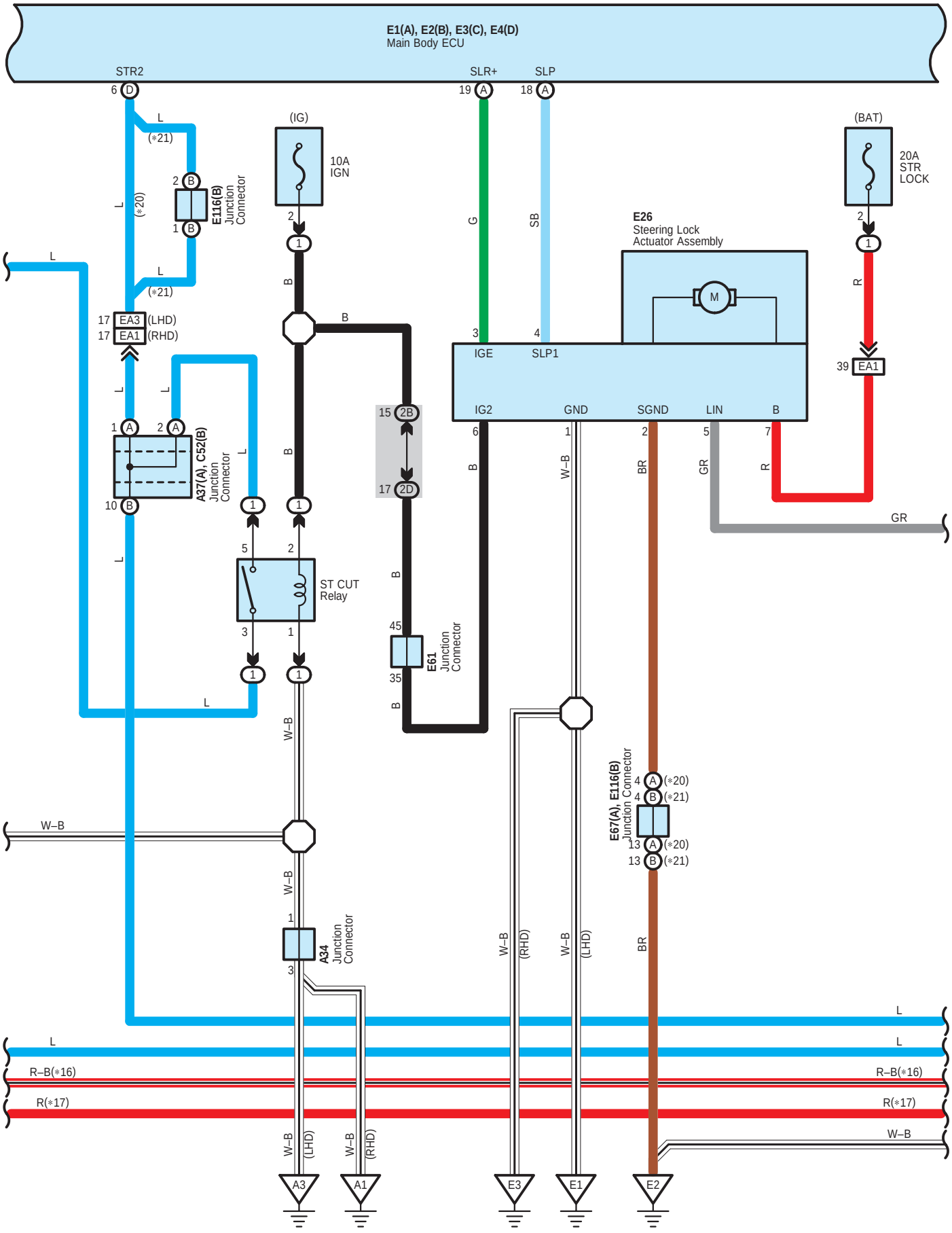

VE1
White

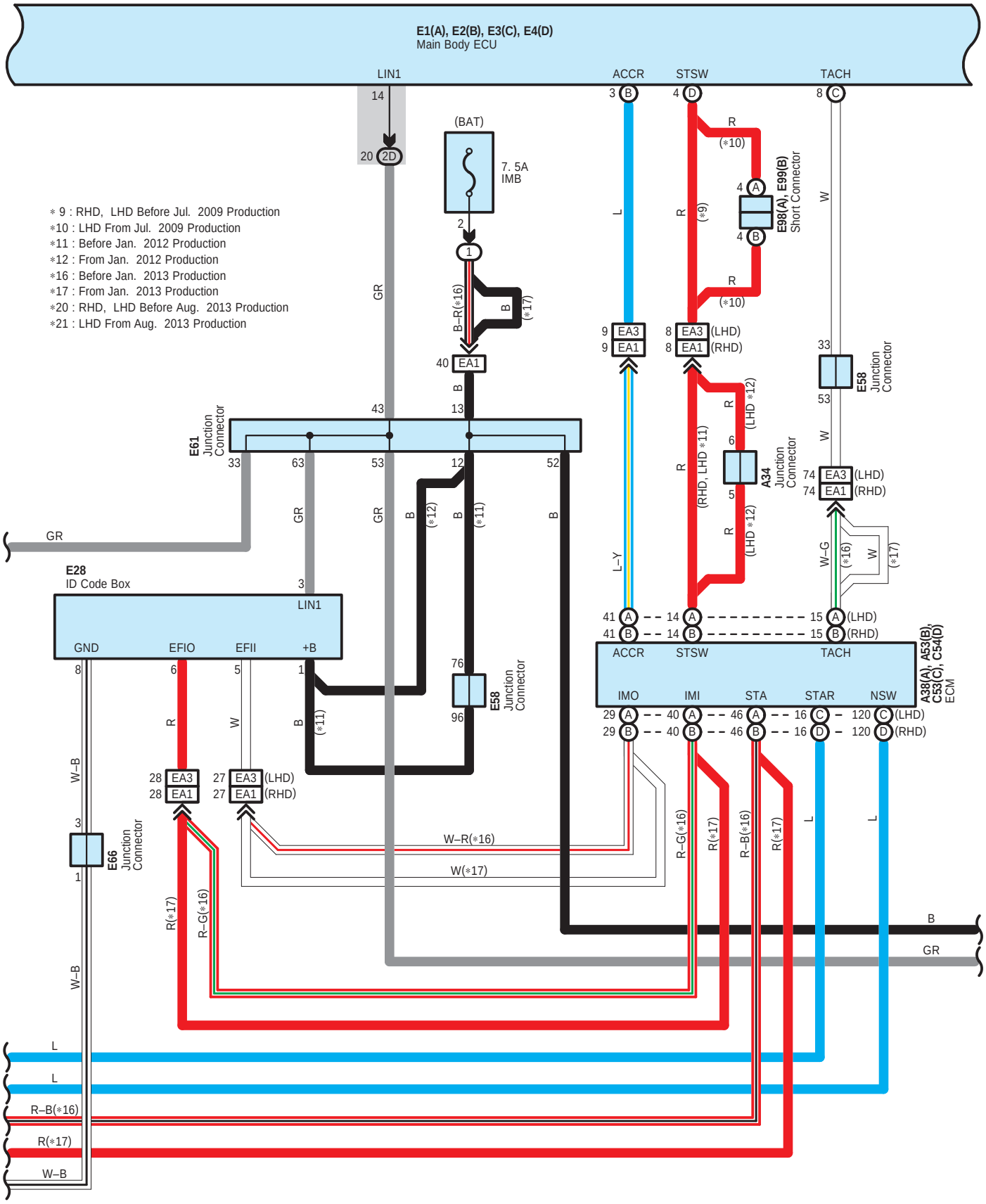


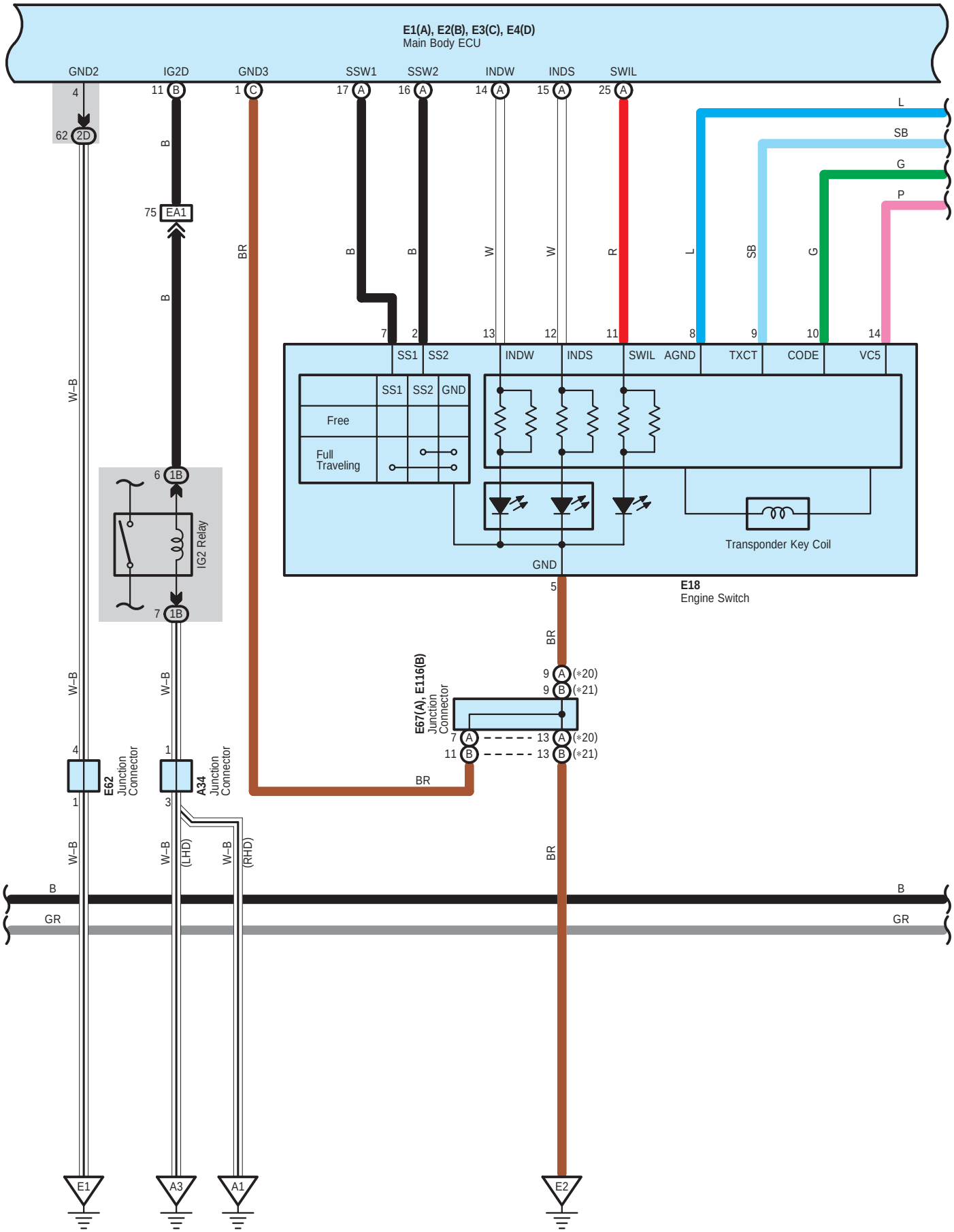

VE3
Gray

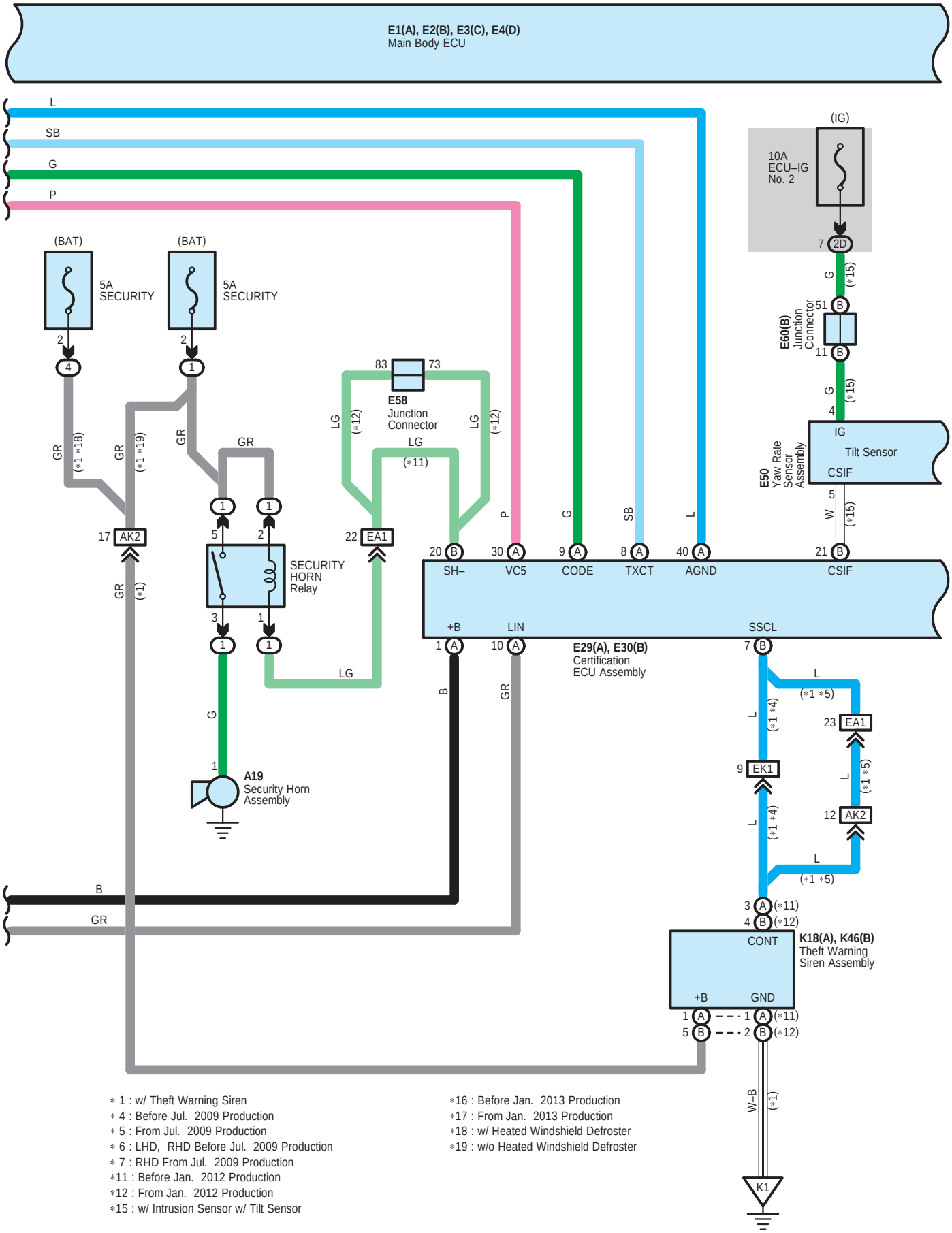



(BAT)
(BAT)
(IG)
30A
ST
5A
AM2
10A
ECU–IG
No. 2
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
IG
AM1
AM2
STR
15
6 A
1 B
8 A
W
W
L
79 A
87 B
78 A (*11)
97 B (*12)
18 EA3 (LHD)
18 EA1 (RHD)
69 A (*11)
77 B (*12)
E59(A), (B)
Junction
Connector
L
12 A
13 A
20 B
19 B
A37(A), C52(B)
Junction
Connector
G–B
W
36 EA2
W
W
R(*17)
R–B(*16)
4 CA1
R
4
B
L
P
N
C19
Park/Neutral
Position Switch
5
ST Relay
5
2
3
1
R(*17)
R–B(*16)
B–W
W–B
1 AD1
B
W–B
1 A
ST
1 1
C B
(*13) (*14)
B
D2(A), D3(B), D8(C)
Starter Assembly
M
B
Battery
L
R–B(*16)
R(*17)
*11 : Before Jan. 2012 Production
*12 : From Jan. 2012 Production
*13 : 1UR–FE
*14 : 3UR–FE
*16 : Before Jan. 2013 Production
*17 : From Jan. 2013 Production
*20 : RHD, LHD Before Aug. 2013 Production
*21 : LHD From Aug. 2013 Production

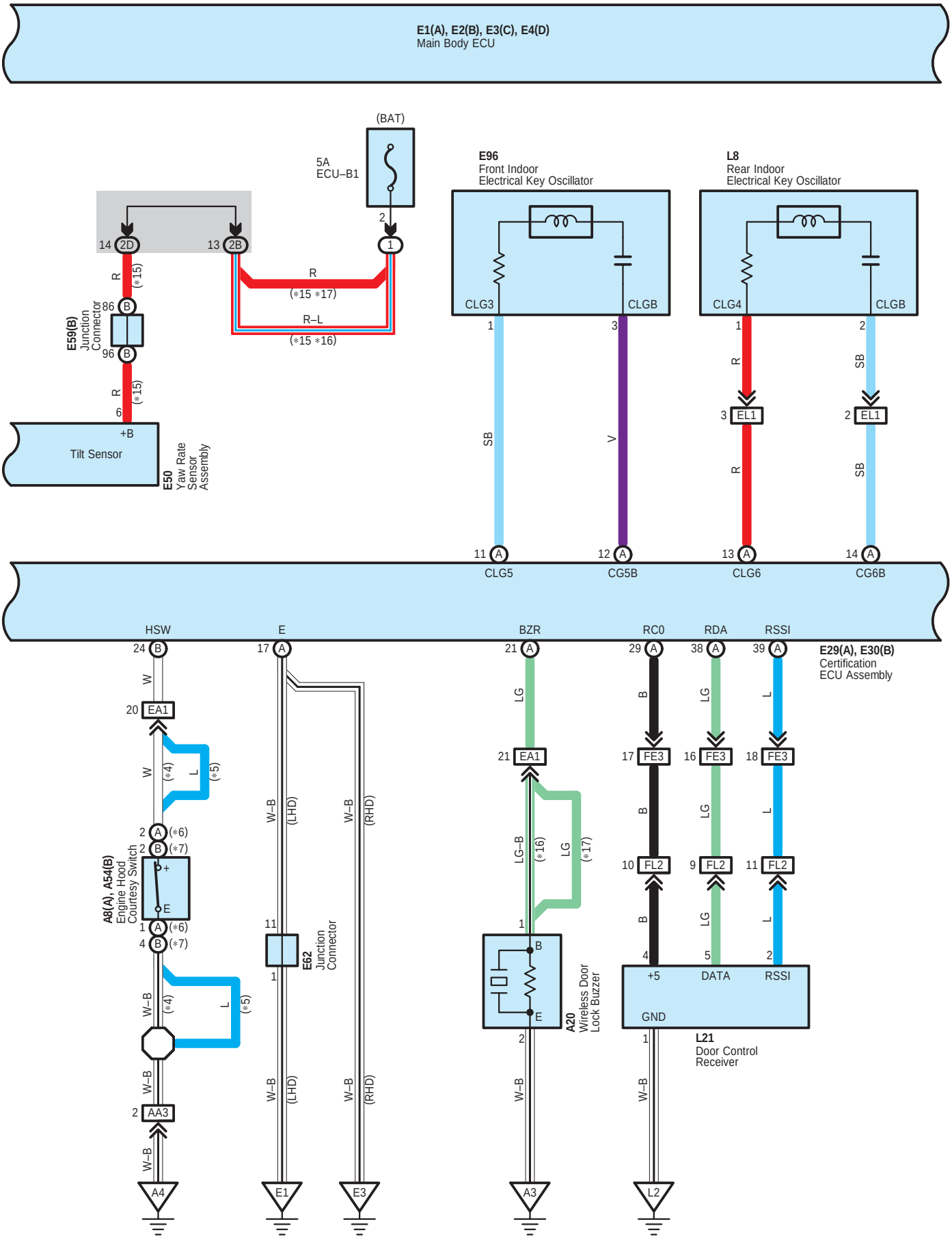

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
STR2
SLR+
SLP
(IG)
(BAT)
10A
IGN
20A
STR
LOCK
E116(B)
Junction
Connector
E26
Steering Lock
Actuator Assembly
M
IGE
SLP1
IG2
GND
SGND
LIN
B
EA3 (LHD)
EA1 (RHD)
A37(A), C52(B)
Junction
Connector
ST CUT
Relay
E61
Junction
Connector
A34
Junction
Connector
E67(A), E116(B)
Junction Connector
W–B
R–B(*16)
R(*17)
GR
BR
A3
A1
E3
E1
E2

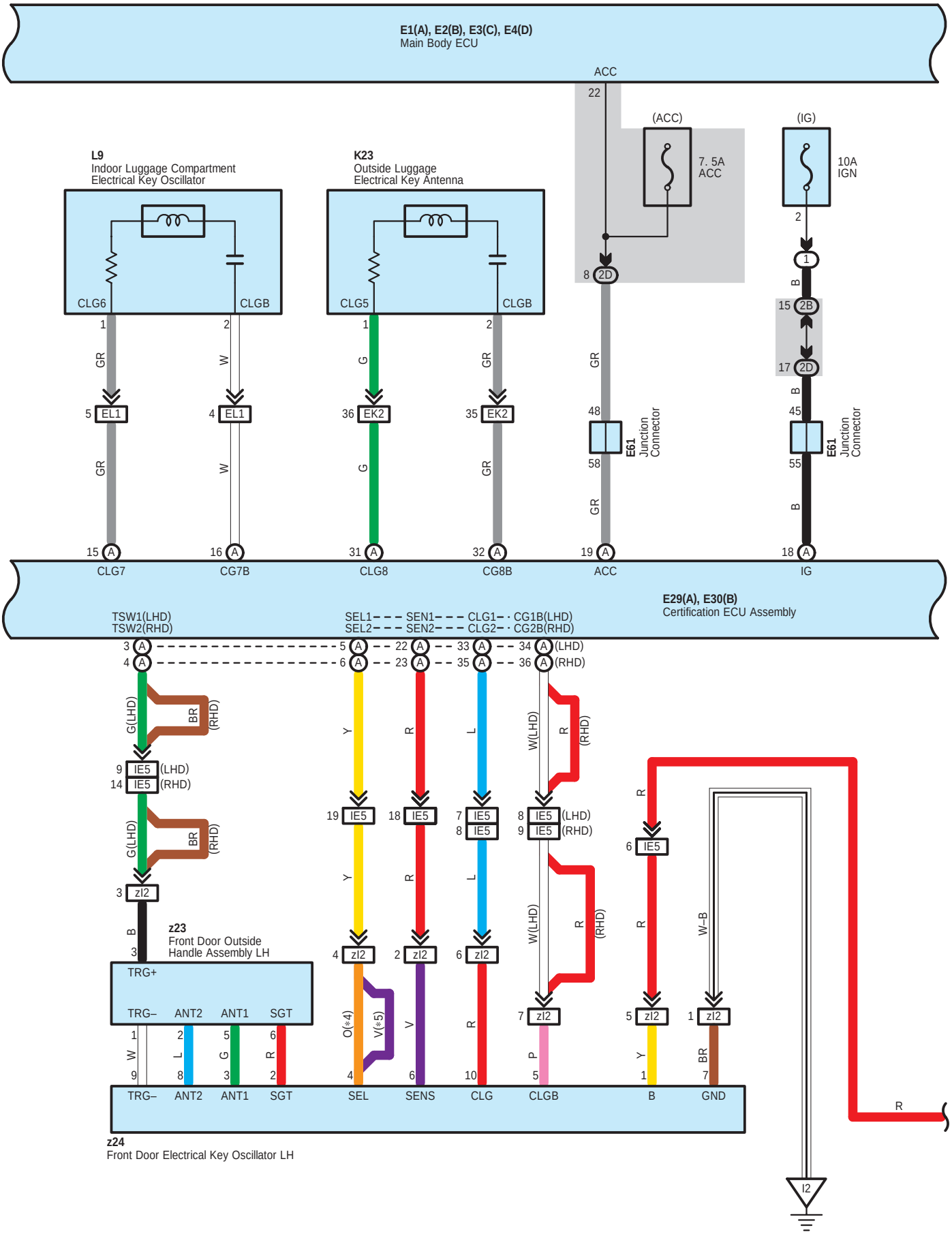

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
LIN1
ACCR
STSW
TACH
(BAT)
7. 5A
IMB
∗ 9 : RHD, LHD Before Jul. 2009 Production
∗10 : LHD From Jul. 2009 Production
∗11 : Before Jan. 2012 Production
∗12 : From Jan. 2012 Production
∗16 : Before Jan. 2013 Production
∗17 : From Jan. 2013 Production
∗20 : RHD, LHD Before Aug. 2013 Production
∗21 : LHD From Aug. 2013 Production
E98(A), E99(B)
Short Connector
E61
Junction
Connector
E58
Junction
Connector
A34
Junction
Connector
E28
ID Code Box
GND
EFIO
EFII
+B
E66
Junction
Connector
A38(A), A53(B),
C53(C), C54(D)
ECM
IMO
IMI
STA
STAR
NSW
(LHD)
(RHD)
W–R(∗16)
W(∗17)
R–G(∗16)
R(∗17)
R–B(∗16)
W–B
L
GR
B


E1(A), E2(B), E3(C), E4(D)
Main Body ECU
GND2
IG2D
GND3
SSW1
SSW2
INDW
INDS
SWIL
4
62 2D
11 B
1 C
17 A
16 A
14 A
15 A
25 A
L
SB
G
P
B
75 EA1
B
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
E18
Engine Switch
5
BR
W–B
6 1B
IG2 Relay
7 1B
W–B
W–B
9 A (*20)
9 B (*21)
E67(A), E116(B)
Junction Connector
7 A
11 B
13 A (*20)
13 B (*21)
BR
4
1
E62
Junction Connector
1
3
A34
Junction Connector
W–B
W–B
(LHD)
W–B
(RHD)
BR
B
GR
B
GR
E1
A3
A1
E2

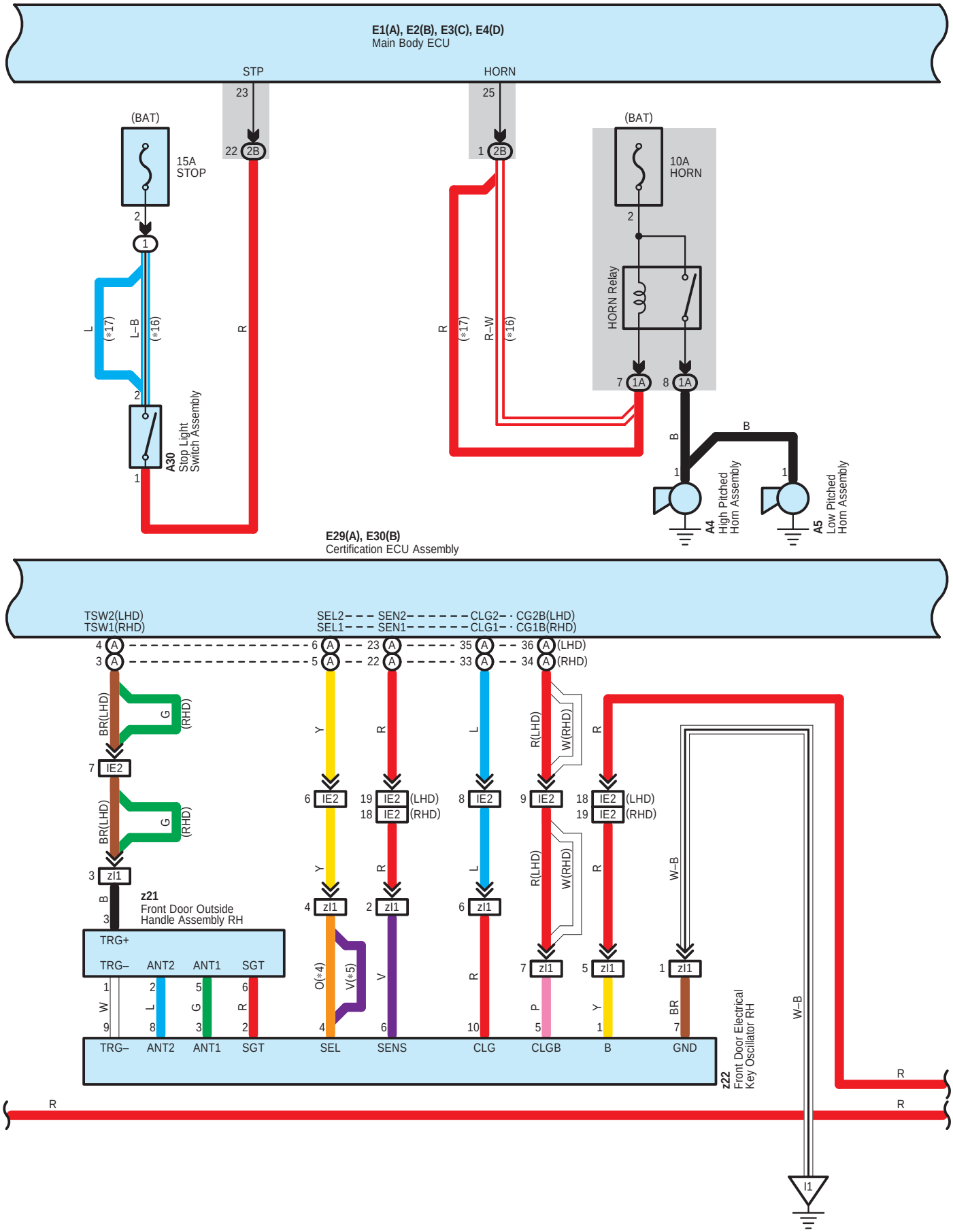


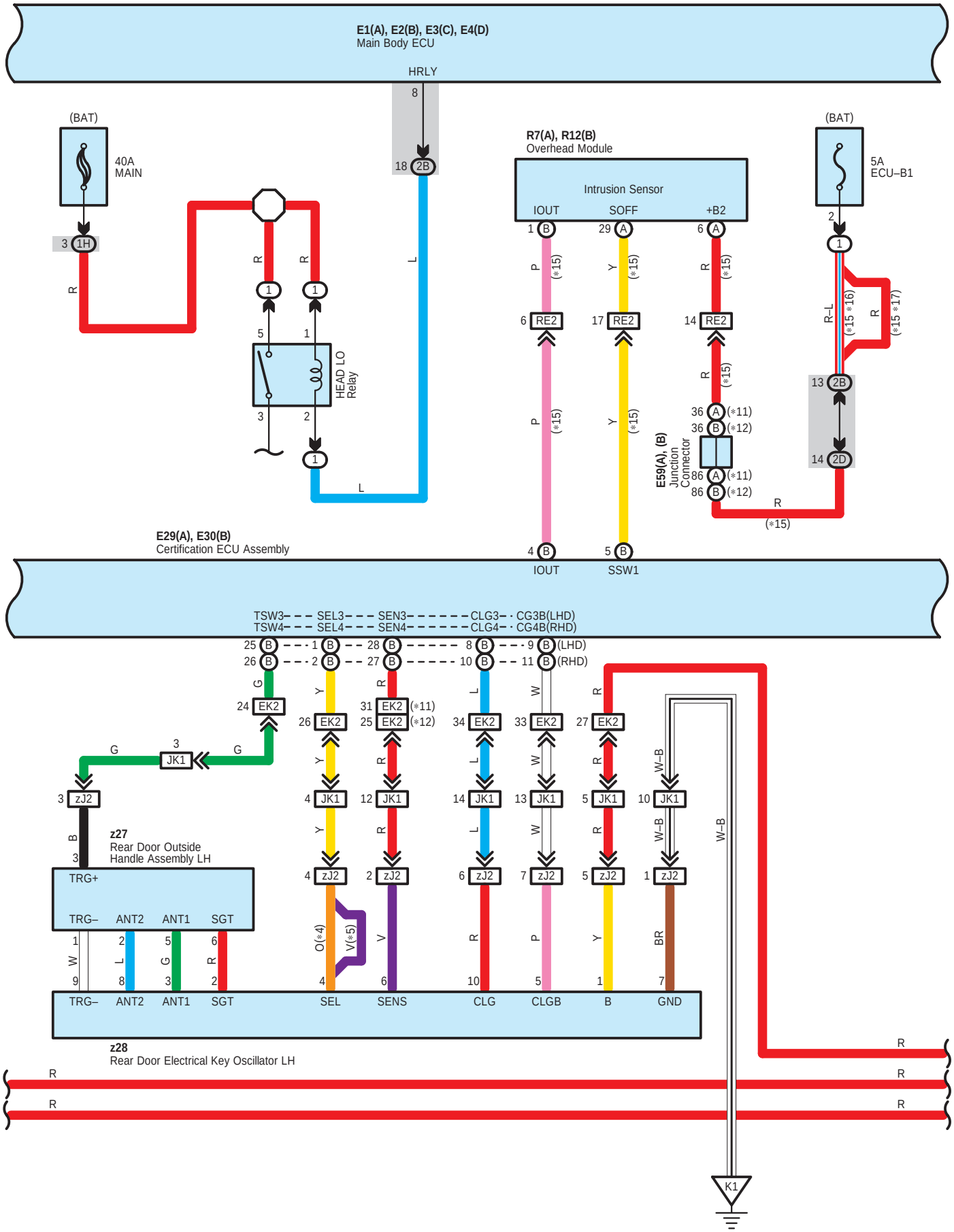

∗ 1 : w/ Theft Warning Siren
∗ 4 : Before Jul. 2009 Production
∗ 5 : From Jul. 2009 Production
∗ 6 : LHD, RHD Before Jul. 2009 Production
∗ 7 : RHD From Jul. 2009 Production
∗11 : Before Jan. 2012 Production
∗12 : From Jan. 2012 Production
∗15 : w/ Intrusion Sensor w/ Tilt Sensor
∗16 : Before Jan. 2013 Production
∗17 : From Jan. 2013 Production
∗18 : w/ Heated Windshield Defroster
∗19 : w/o Heated Windshield Defroster


E1(A), E2(B), E3(C), E4(D)
Main Body ECU
(BAT)
5A
ECU–B1
2
1
14 2D
13 2B
R
(*15)
R
(*15 *17)
R–L
(*15 *16)
E59(B)
Junction Connector
86 B
96 B
R
(*15)
6
+B
Tilt Sensor
E50
Yaw Rate Sensor Assembly
E96
Front Indoor Electrical Key Oscillator
CLG3
CLGB
1
3
SB
V
11 A
12 A
CLG5
CG5B
L8
Rear Indoor Electrical Key Oscillator
CLG4
CLGB
1
2
R
SB
3 EL1
2 EL1
R
SB
13 A
14 A
CLG6
CG6B
HSW
E
BZR
RC0
RDA
RSSI
24 B
17 A
21 A
29 A
38 A
39 A
W
20 EA1
W
(*4)
L
(*5)
2 A (*6)
2 B (*7)
A8(A), A54(B)
Engine Hood Courtesy Switch
+
E
1 A (*6)
4 B (*7)
W–B
(*4)
L
(*5)
W–B
2 AA3
W–B
A4
W–B
(LHD)
W–B
(RHD)
11
E62
Junction Connector
1
W–B
(LHD)
W–B
(RHD)
E1
E3
LG
21 EA1
LG–B
(*16)
LG
(*17)
1
B
E
A20
Wireless Door Lock Buzzer
2
W–B
A3
B
17 FE3
16 FE3
18 FE3
B
LG
L
10 FL2
9 FL2
11 FL2
B
LG
L
4
5
2
+5
DATA
RSSI
GND
1
W–B
L2
L21
Door Control Receiver
E29(A), E30(B)
Certification ECU Assembly

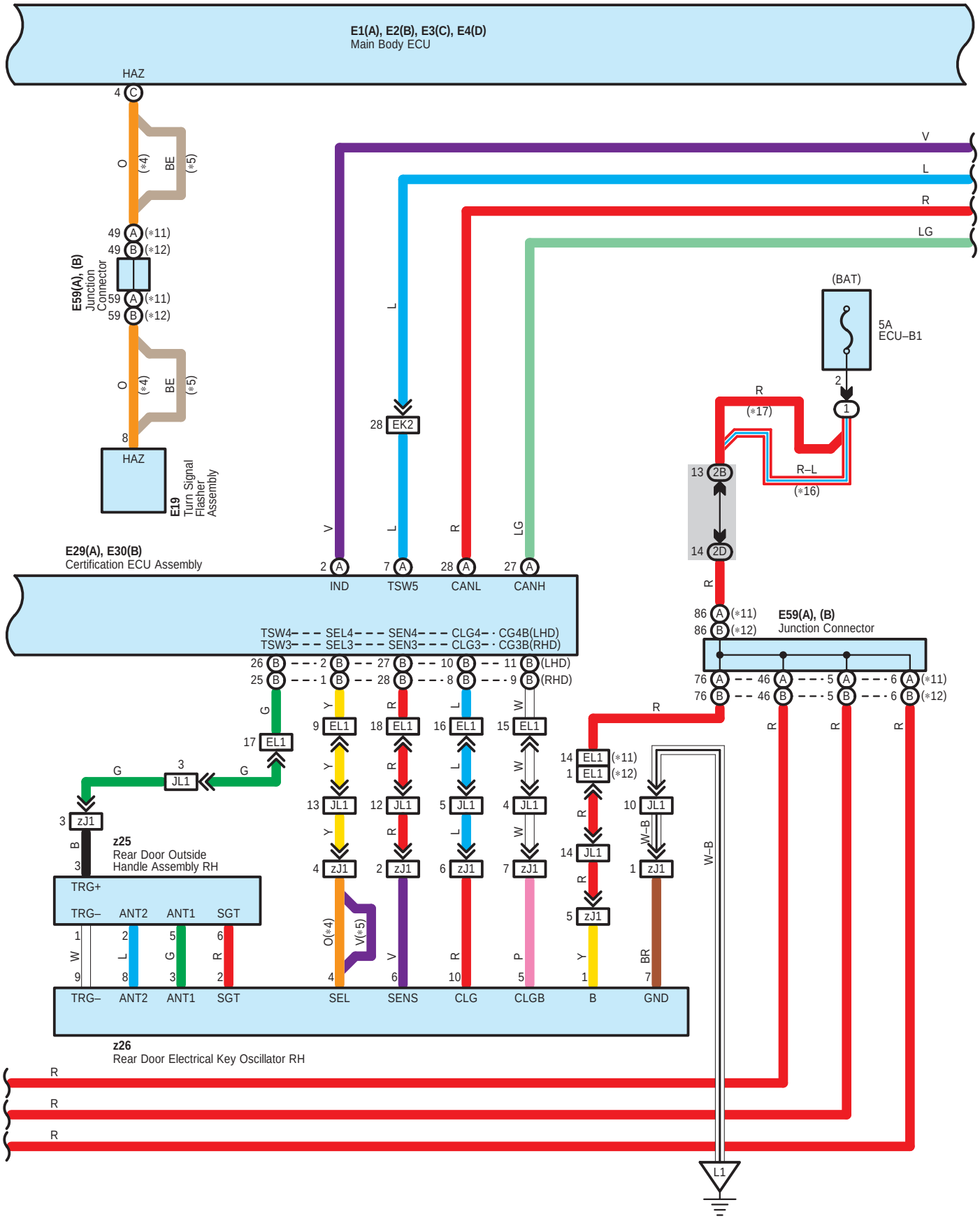

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
ACC
22
(ACC)
7. 5A
ACC
(IG)
10A
IGN
L9
Indoor Luggage Compartment
Electrical Key Oscillator
K23
Outside Luggage
Electrical Key Antenna
CLG6
CLGB
CLG5
CLGB
8 2D
2
1
B
15 2B
17 2D
B
45
55
E61
Junction
Connector
GR
W
G
GR
48
58
GR
B
5 EL1
4 EL1
36 EK2
35 EK2
15 A
16 A
31 A
32 A
19 A
18 A
CLG7
CG7B
CLG8
CG8B
ACC
IG
E29(A), E30(B)
Certification ECU Assembly
TSW1(LHD)
TSW2(RHD)
SEL1
SEN1
CLG1
CG1B(LHD)
SEL2
SEN2
CLG2
CG2B(RHD)
3 A
4 A
5 A
6 A
22 A
23 A
33 A
35 A
34 A (LHD)
36 A (RHD)
G(LHD)
BR
(RHD)
Y
R
L
W(LHD)
R
(RHD)
9 IE5 (LHD)
14 IE5 (RHD)
19 IE5
18 IE5
7 IE5
8 IE5
8 IE5 (LHD)
9 IE5 (RHD)
6 IE5
3 zI2
B
z23
Front Door Outside
Handle Assembly LH
TRG+
TRG–
ANT2
ANT1
SGT
4 zI2
2 zI2
6 zI2
7 zI2
5 zI2
1 zI2
W–B
1
9
2
8
5
3
6
2
O(*4)
V(*5)
V
R
P
Y
BR
4
6
10
5
1
7
TRG–
ANT2
ANT1
SGT
SEL
SENS
CLG
CLGB
B
GND
R
I2
z24
Front Door Electrical Key Oscillator LH

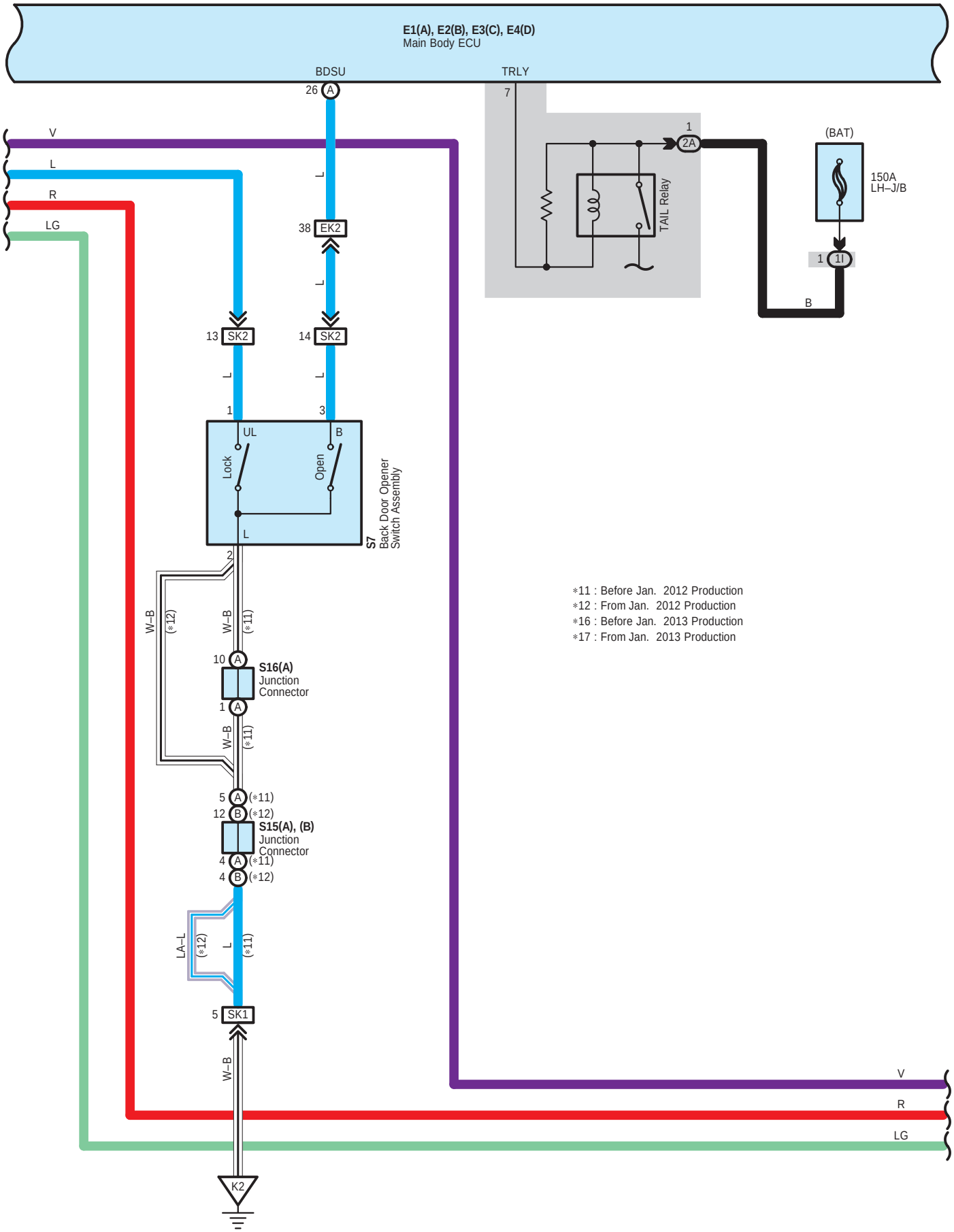
∗ 4 : Before Jul. 2009 Production
∗ 5 : From Jul. 2009 Production
∗16 : Before Jan. 2013 Production
∗17 : From Jan. 2013 Production

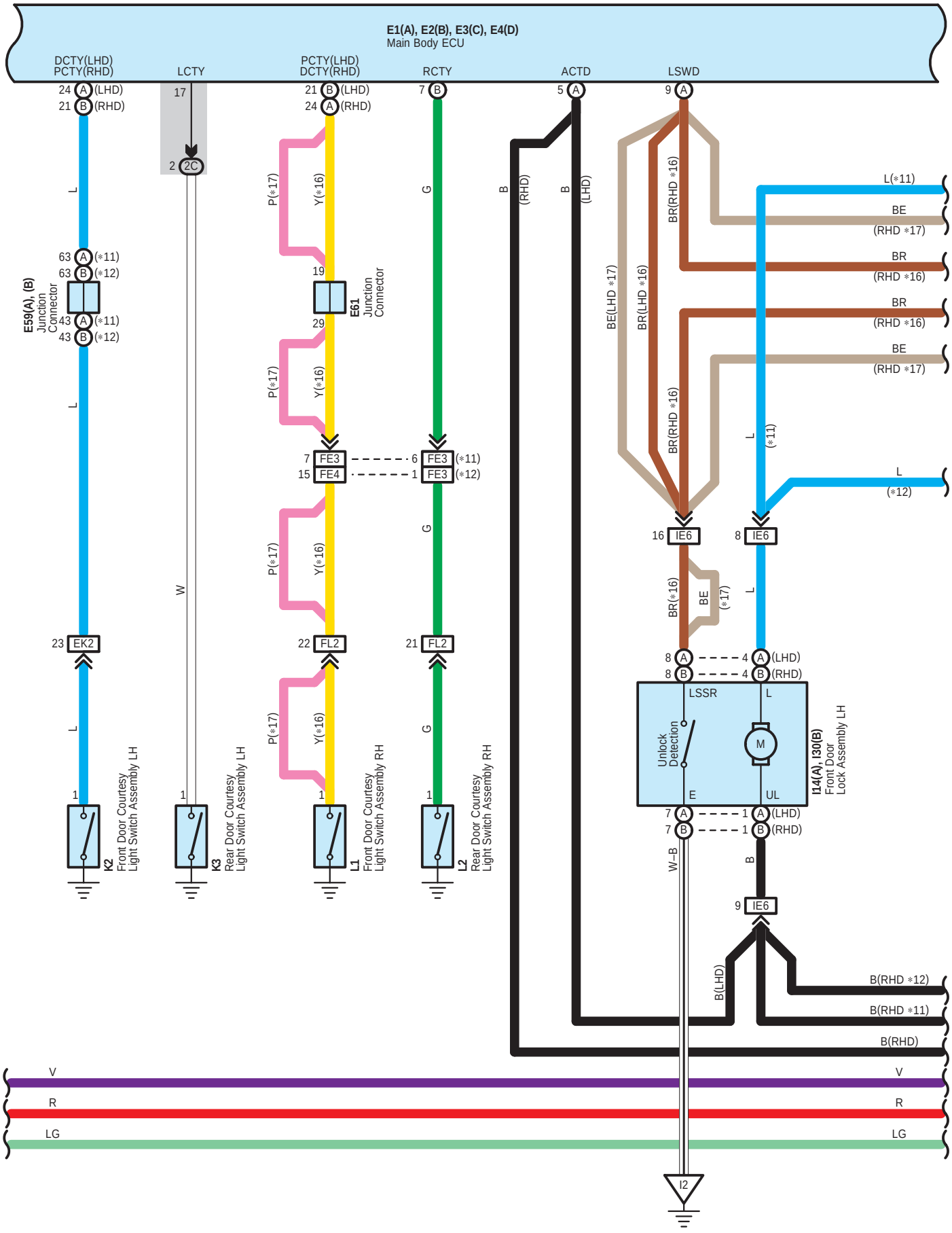


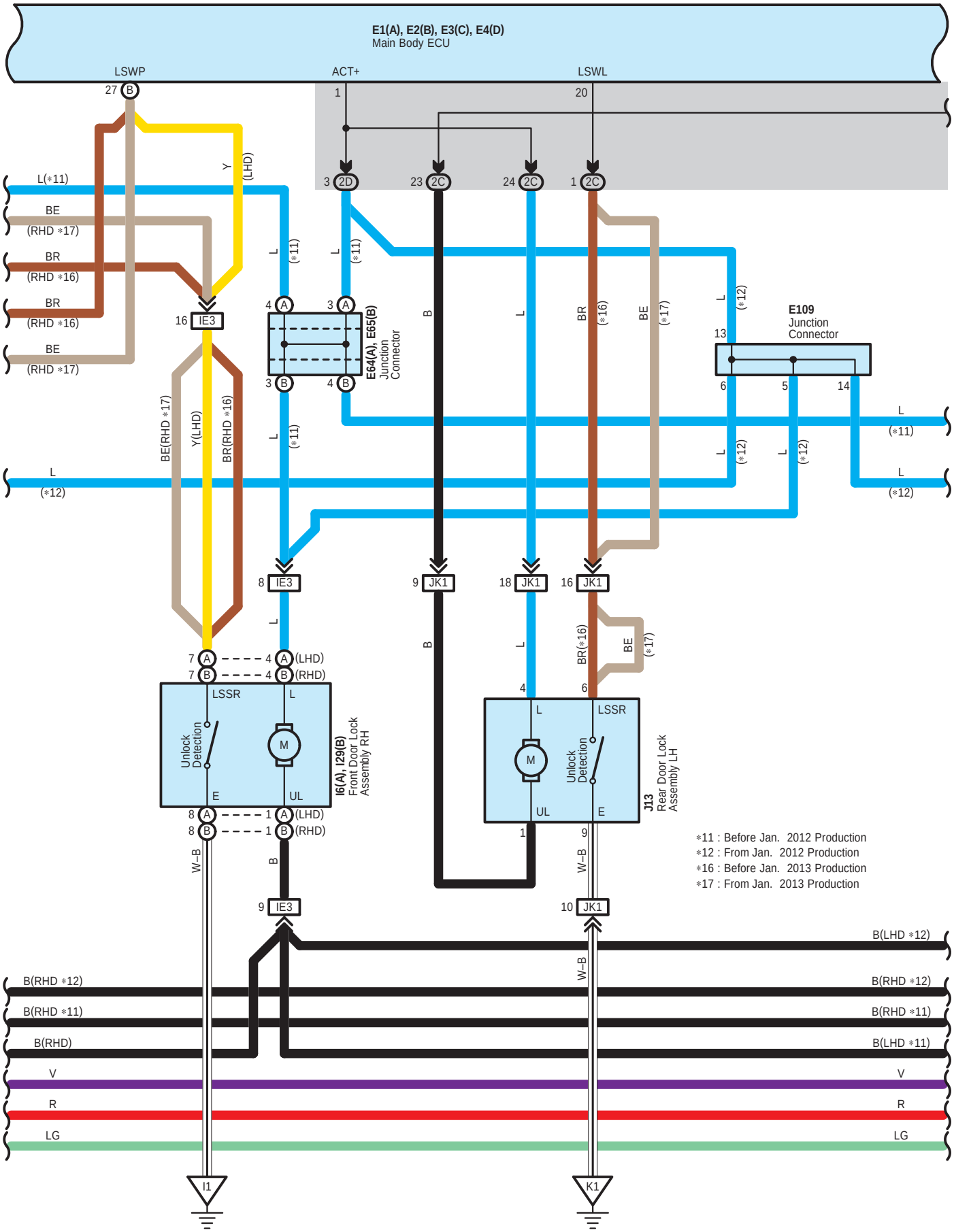

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
HRLY
8
18 2B
(BAT)
40A
MAIN
3 1H
R
R
R
1
1
5
1
HEAD LO
Relay
3
2
1
L
L
R7(A), R12(B)
Overhead Module
Intrusion Sensor
IOUT
SOFF
+B2
1 B
29 A
6 A
P
Y
R
(*15)
6 RE2
17 RE2
14 RE2
P
Y
R
(*15)
36 A (*11)
36 B (*12)
E59(A), (B)
Junction
Connector
86 A (*11)
86 B (*12)
R
(*15)
(BAT)
5A
ECU–B1
2
1
R–L
(*15 *16)
R
(*15 *17)
13 2B
14 2D
E29(A), E30(B)
Certification ECU Assembly
4 B
IOUT
5 B
SSW1
TSW3
TSW4
SEL3
SEL4
SEN3
SEN4
CLG3
CLG4
CG3B(LHD)
CG4B(RHD)
25 B
26 B
1 B
2 B
28 B
27 B
8 B
10 B
9 B (LHD)
11 B (RHD)
G
Y
R
L
W
R
24 EK2
26 EK2
31 EK2 (*11)
25 EK2 (*12)
34 EK2
33 EK2
27 EK2
G
3
JK1
G
Y
R
L
W
R
W–B
3 zJ2
4 JK1
12 JK1
14 JK1
13 JK1
5 JK1
10 JK1
B
3
z27
Rear Door Outside
Handle Assembly LH
TRG+
TRG–
ANT2
ANT1
SGT
1
2
5
6
W
L
G
R
9
8
3
2
4
2
6
7
5
1
O(*4)
V(*5)
V
R
P
Y
BR
W–B
W–B
TRG–
ANT2
ANT1
SGT
SEL
SENS
CLG
CLGB
B
GND
z28
Rear Door Electrical Key Oscillator LH
R
R
R
R
K1

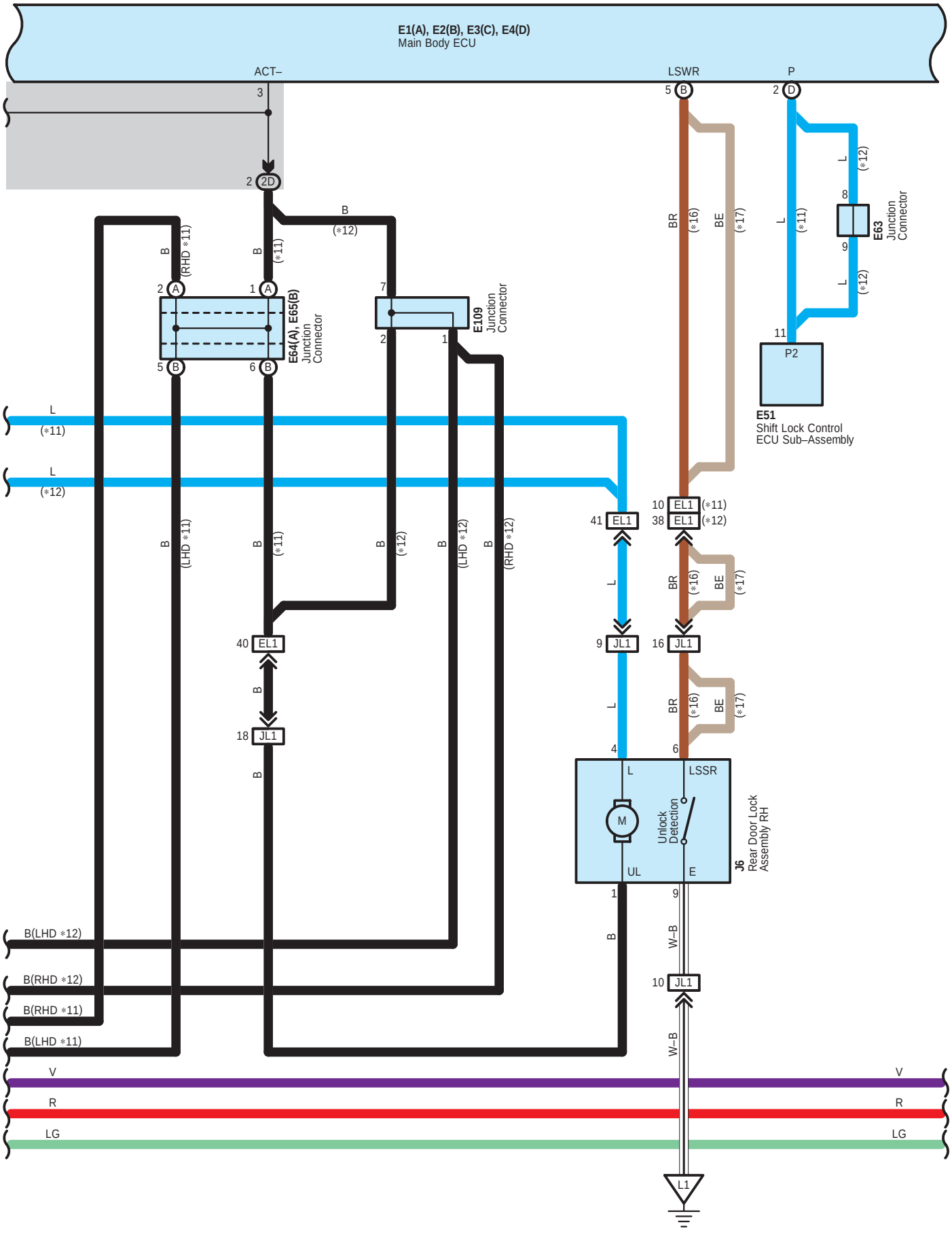
∗4 : Before Jul. 2009 Production
∗5 : From Jul. 2009 Production
∗11 : Before Jan. 2012 Production
∗12 : From Jan. 2012 Production
∗15 : w/ Intrusion Sensor w/ Tilt Sensor
∗16 : Before Jan. 2013 Production
∗17 : From Jan. 2013 Production

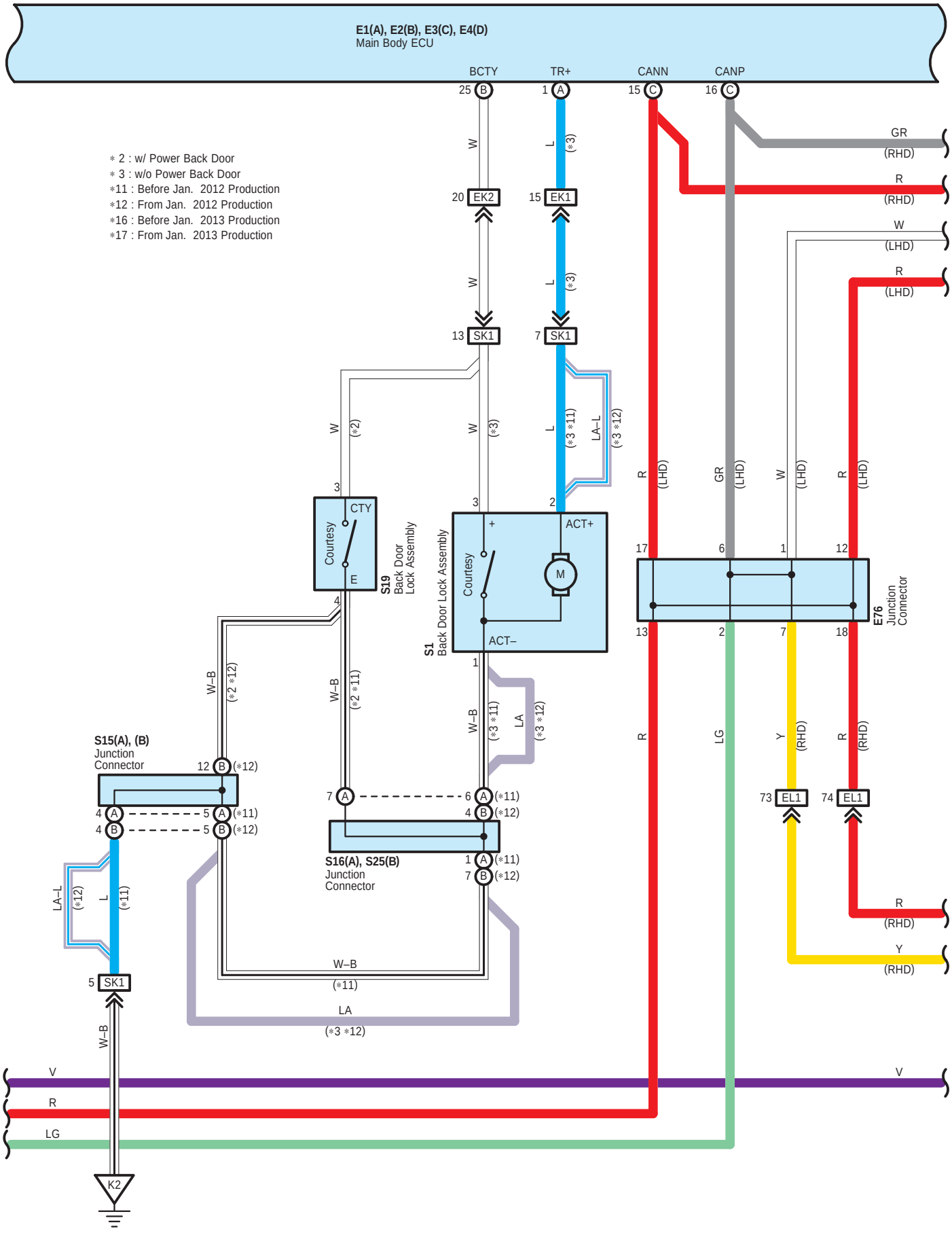


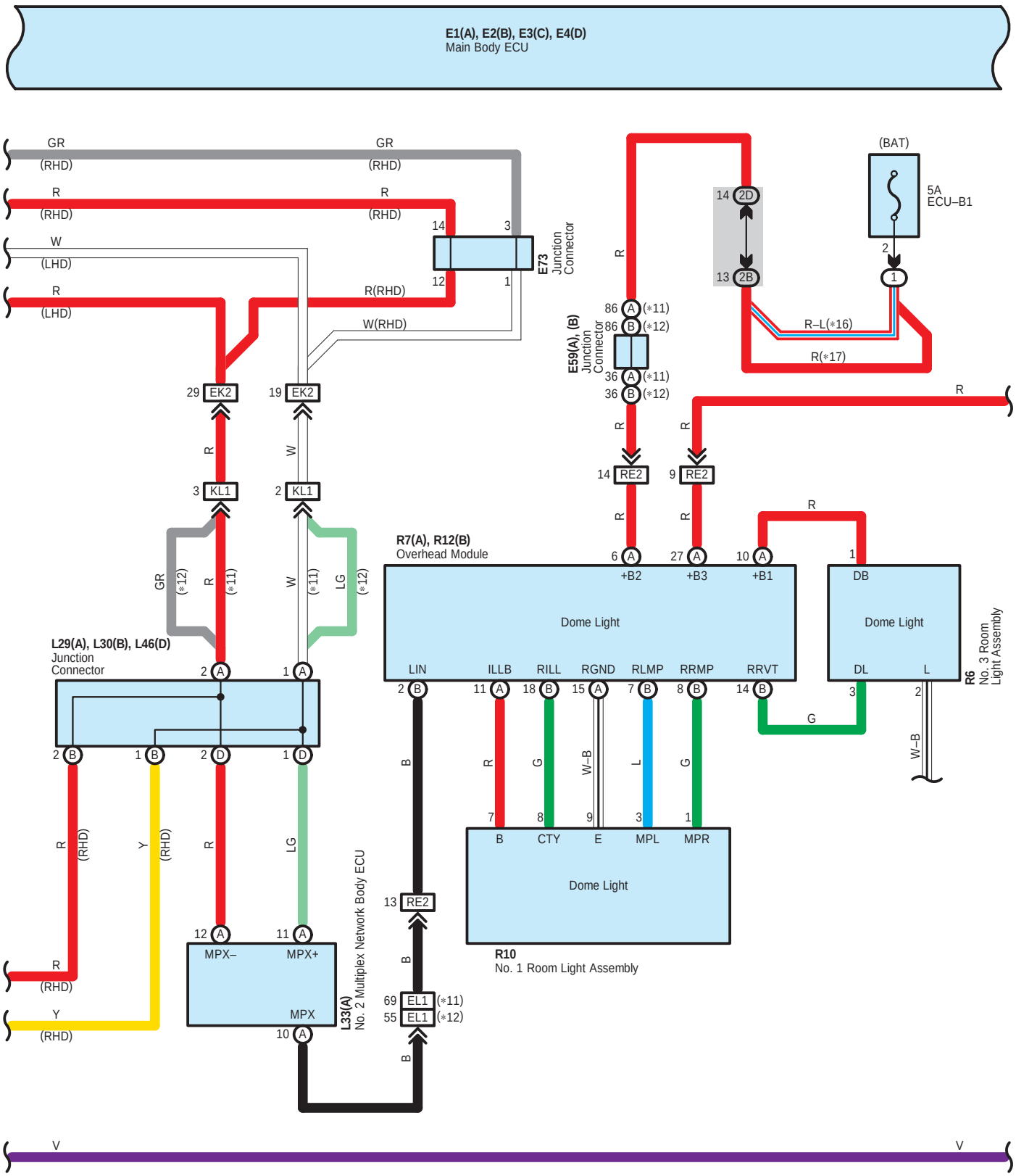

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
BDSU
TRLY
26 A
7
1
2A
(BAT)
150A
LH–J/B
1 1I
B
TAIL Relay
V
L
R
LG
38 EK2
13 SK2
14 SK2
1
3
UL
B
Lock
Open
L
S7
Back Door Opener
Switch Assembly
2
W–B
(*12)
W–B
(*11)
10 A
S16(A)
Junction
Connector
1 A
W–B
(*11)
5 A (*11)
12 B (*12)
S15(A), (B)
Junction
Connector
4 A (*11)
4 B (*12)
LA–L
(*12)
L
(*11)
5 SK1
W–B
K2
*11 : Before Jan. 2012 Production
*12 : From Jan. 2012 Production
*16 : Before Jan. 2013 Production
*17 : From Jan. 2013 Production

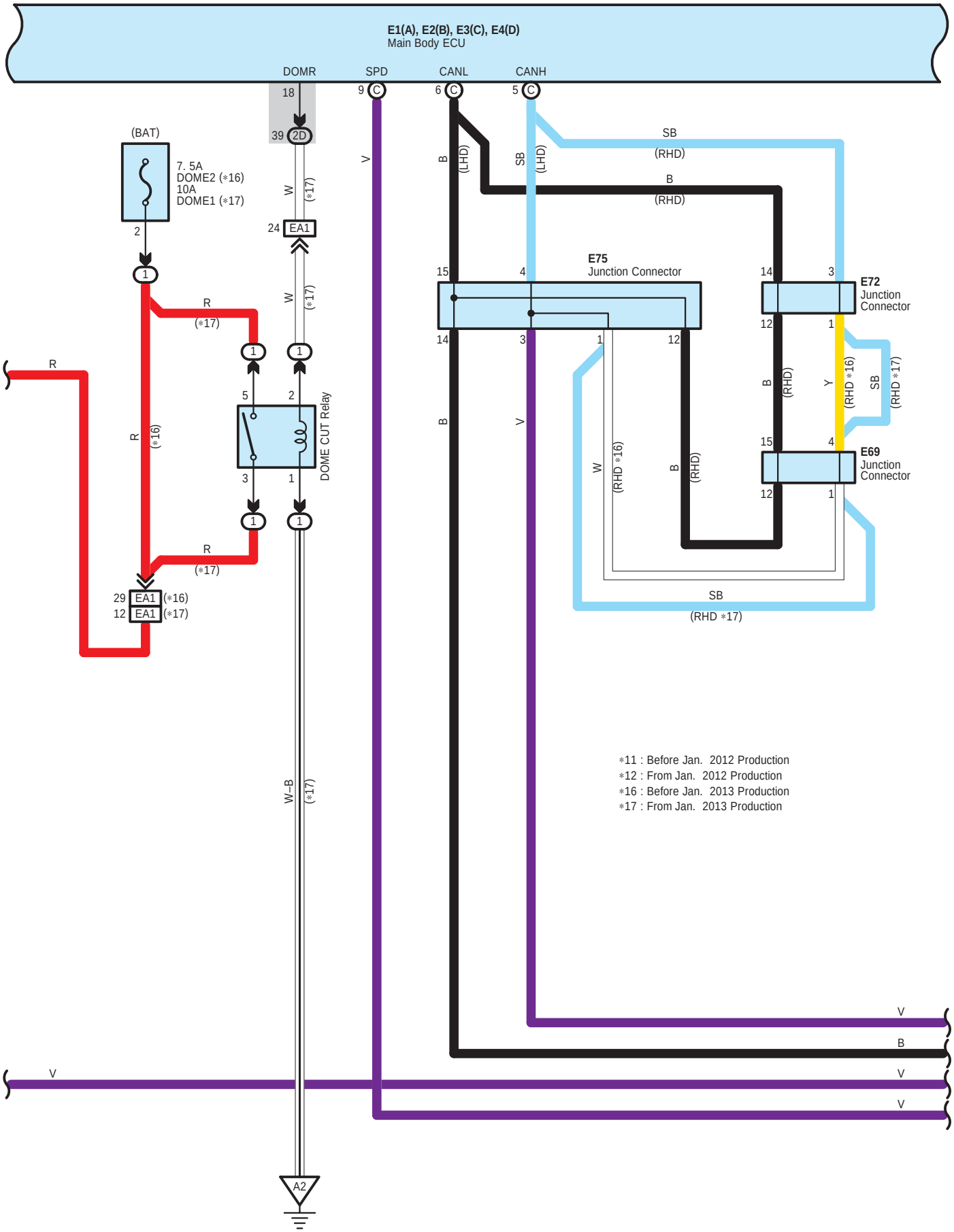

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
DCTY(LHD)
PCTY(RHD)
LCTY
PCTY(LHD)
DCTY(RHD)
RCTY
ACTD
LSWD
24 A (LHD)
21 B (RHD)
17
2 2C
21 B (LHD)
24 A (RHD)
7 B
5 A
9 A
L
W
G
B (RHD)
B (LHD)
P(*17)
Y(*16)
BR(RHD *16)
BE(LHD *17)
BR(LHD *16)
L(*11)
BE
(RHD *17)
BR
(RHD *16)
63 A (*11)
63 B (*12)
43 A (*11)
43 B (*12)
E59(A), (B)
Junction
Connector
19
29
E61
Junction
Connector
7 FE3
15 FE4
6 FE3 (*11)
1 FE3 (*12)
L
(*11)
L
(*12)
16 IE6
8 IE6
BR(*16)
BE
(*17)
8 A (LHD)
8 B (RHD)
4 A (LHD)
4 B (RHD)
LSSR
Unlock
Detection
M
E
UL
I14(A), I30(B)
Front Door
Lock Assembly LH
7 A (LHD)
7 B (RHD)
1 A (LHD)
1 B (RHD)
W–B
B
9 IE6
B(LHD)
B(RHD *12)
B(RHD *11)
B(RHD)
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
V
R
LG
I2

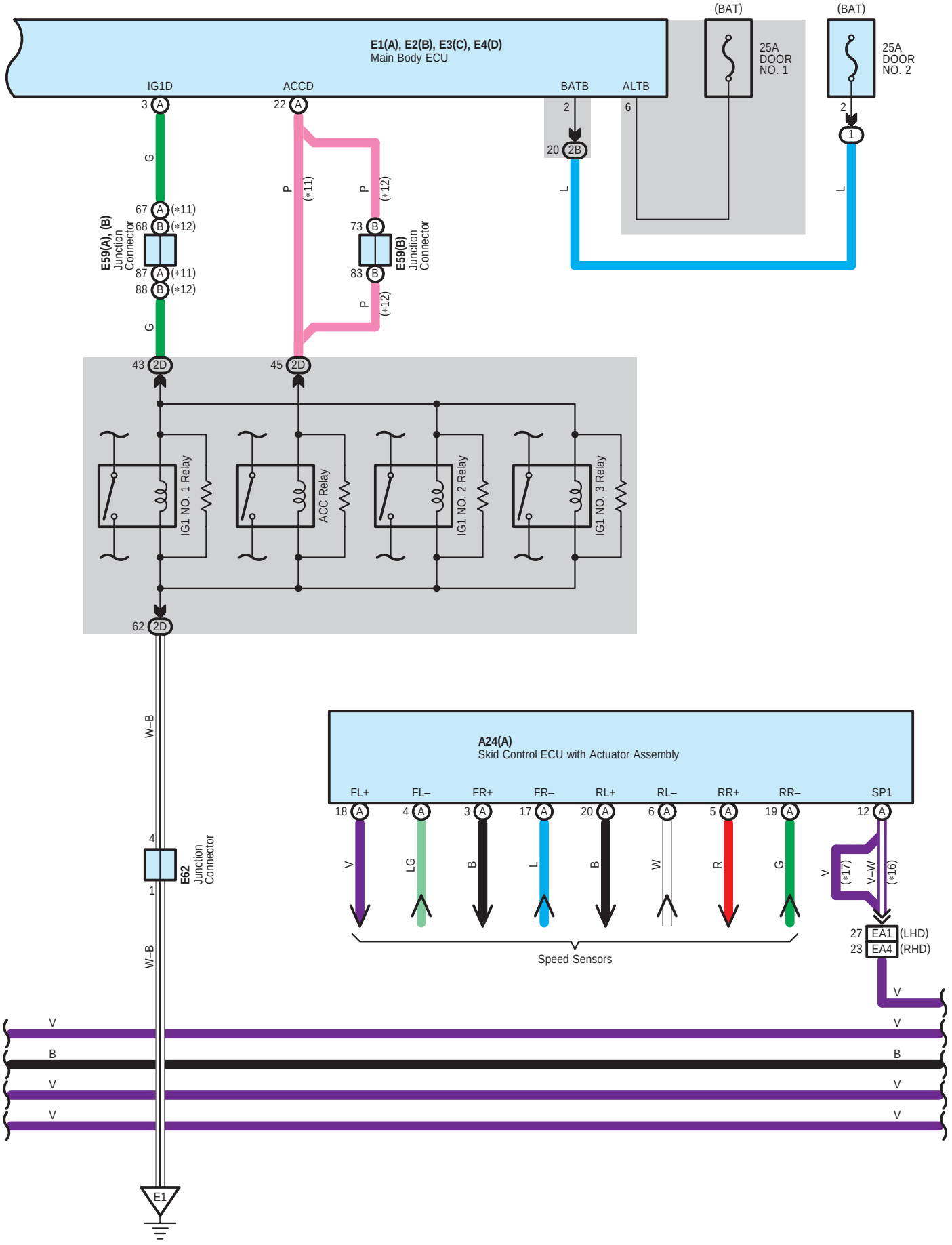

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
LSWP
ACT+
LSWL
27 B
1
20
3 2D
23 2C
24 2C
1 2C
L(*11)
BE
(RHD *17)
BR
(RHD *16)
BR
(RHD *16)
BE
(RHD *17)
Y
(LHD)
16 IE3
E64(A), E65(B)
Junction
Connector
E109
Junction
Connector
BE(RHD *17)
Y(LHD)
BR(RHD *16)
L
(*12)
8 IE3
9 JK1
18 JK1
16 JK1
7 A
7 B
4 A (LHD)
4 B (RHD)
LSSR
Unlock
Detection
M
E
UL
I6(A), I29(B)
Front Door Lock
Assembly RH
8 A
8 B
1 A (LHD)
1 B (RHD)
J13
Rear Door Lock
Assembly LH
W–B
B
9 IE3
10 JK1
B(LHD *12)
B(RHD *12)
B(RHD *11)
B(RHD)
V
R
LG
I1
K1
*11 : Before Jan. 2012 Production
*12 : From Jan. 2012 Production
*16 : Before Jan. 2013 Production
*17 : From Jan. 2013 Production

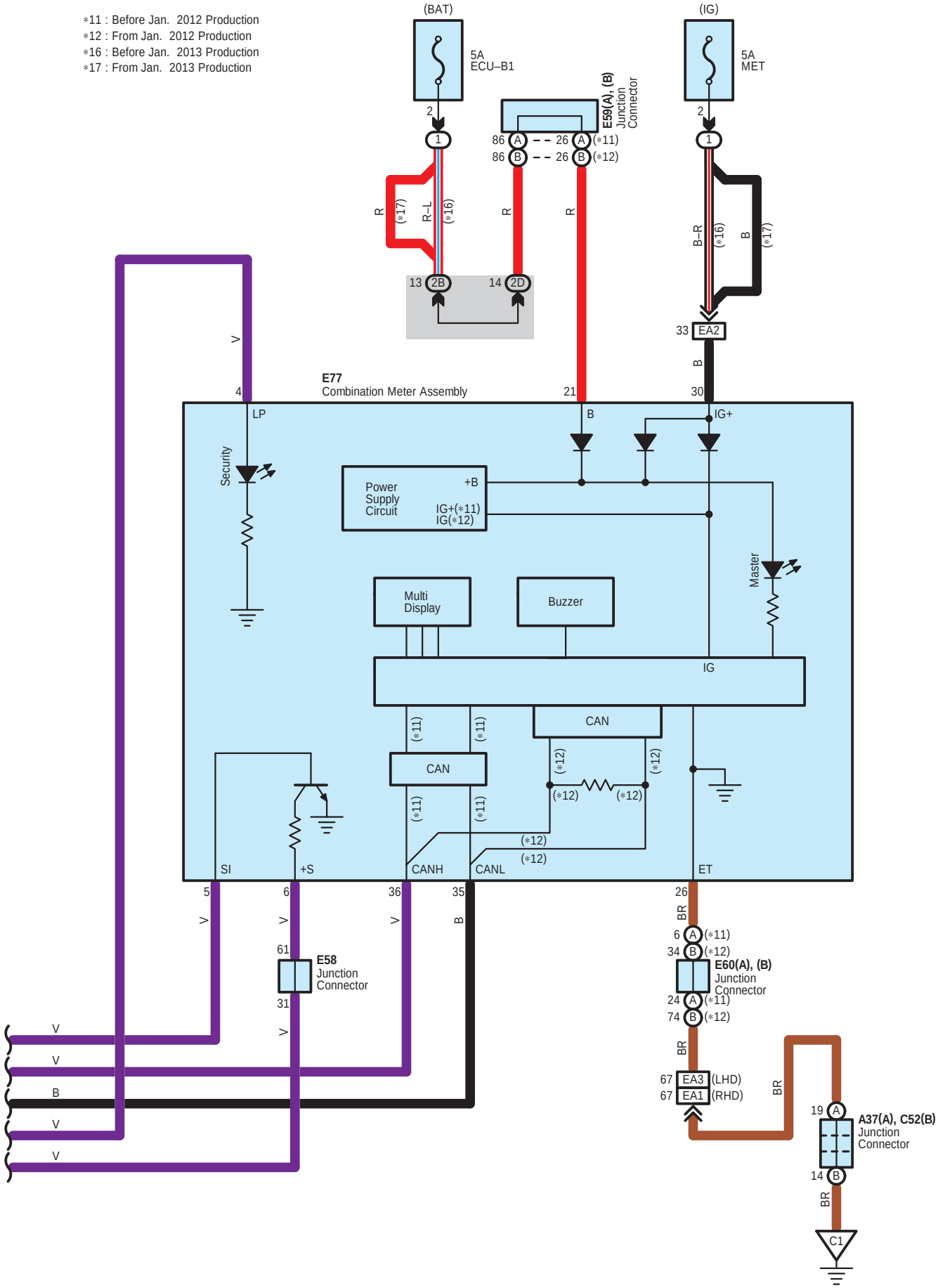

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
ACT–
LSWR
P
3
2 2D
5 B
2 D
B (*12)
B (RHD *11)
B (*11)
BR (*16)
BE (*17)
L (*12)
L (*11)
2 A
1 A
7
E64(A), E65(B) Junction Connector
E109 Junction Connector
E63 Junction Connector
8
9
11
P2
E51
Shift Lock Control ECU Sub–Assembly
L (*11)
L (*12)
5 B
6 B
2
1
B (LHD *11)
B (*11)
B (*12)
B (LHD *12)
B (RHD *12)
41 EL1
10 EL1 (*11)
38 EL1 (*12)
40 EL1
9 JL1
16 JL1
18 JL1
4
6
L
LSSR
M
Unlock Detection
UL
E
J6
Rear Door Lock Assembly RH
1
9
10 JL1
W–B
B(LHD *12)
B(RHD *12)
B(RHD *11)
B(LHD *11)
V
R
LG
L1


E1(A), E2(B), E3(C), E4(D)
Main Body ECU
BCTY
TR+
CANN
CANP
25 B
1 A
15 C
16 C
GR
(RHD)
R
(RHD)
∗ 2 : w/ Power Back Door
∗ 3 : w/o Power Back Door
∗11 : Before Jan. 2012 Production
∗12 : From Jan. 2012 Production
∗16 : Before Jan. 2013 Production
∗17 : From Jan. 2013 Production
20 EK2
15 EK1
W
L
(∗3)
W
(LHD)
R
(LHD)
13 SK1
7 SK1
W
(∗2)
W
(∗3)
L
(∗3 ∗11)
LA–L
(∗3 ∗12)
R
(LHD)
GR
(LHD)
W
(LHD)
R
(LHD)
3
CTY
Courtesy
E
S19
Back Door
Lock Assembly
4
3
+
ACT+
Courtesy
M
ACT–
2
S1
Back Door Lock Assembly
17
6
1
12
E76
Junction
Connector
13
2
7
18
1
W–B
(∗2 ∗12)
W–B
(∗2 ∗11)
W–B
(∗3 ∗11)
LA
(∗3 ∗12)
R
LG
Y
(RHD)
R
(RHD)
S15(A), (B)
Junction
Connector
12 B (∗12)
4 A
4 B
5 A (∗11)
5 B (∗12)
7 A
6 A (∗11)
4 B (∗12)
S16(A), S25(B)
Junction
Connector
1 A (∗11)
7 B (∗12)
73 EL1
74 EL1
LA–L
(∗12)
L
(∗11)
W–B
(∗11)
LA
(∗3 ∗12)
R
(RHD)
Y
(RHD)
5 SK1
W–B
V
R
LG
V
K2

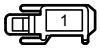

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
GR (RHD)
R (RHD)
W (LHD)
R (LHD)
R(RHD)
W(RHD)
E73 Junction Connector
(BAT)
5A ECU–B1
R–L(*16)
R(*17)
E59(A), (B) Junction Connector
R7(A), R12(B) Overhead Module
Dome Light
+B2
+B3
+B1
LIN
ILLB
RILL
RGND
RLMP
RRMP
RRVT
R6 No. 3 Room Light Assembly
DB
DL
L
W–B
G
L29(A), L30(B), L46(D) Junction Connector
L33(A) No. 2 Multiplex Network Body ECU
MPX–
MPX+
MPX
R10 No. 1 Room Light Assembly
B
CTY
E
MPL
MPR
V


E1(A), E2(B), E3(C), E4(D)
Main Body ECU
DOMR
SPD
CANL
CANH
18
39 2D
9 C
6 C
5 C
(BAT)
7. 5A
DOME2 (*16)
10A
DOME1 (*17)
2
1
W
(*17)
24 EA1
R
(*17)
R
R
(*16)
5
2
3
1
DOME CUT Relay
R
(*17)
29 EA1 (*16)
12 EA1 (*17)
W–B
(*17)
A2
V
B
(LHD)
SB
(LHD)
SB
(RHD)
B
(RHD)
E75
Junction Connector
15
4
14
3
1
12
B
V
W
(RHD *16)
B
(RHD)
SB
(RHD *17)
E72
Junction
Connector
14
3
12
1
B
(RHD)
Y
(RHD *16)
SB
(RHD *17)
E69
Junction
Connector
15
4
12
1
V
B
V
V
*11 : Before Jan. 2012 Production
*12 : From Jan. 2012 Production
*16 : Before Jan. 2013 Production
*17 : From Jan. 2013 Production


E1(A), E2(B), E3(C), E4(D)
Main Body ECU
IG1D
ACCD
BATB
ALTB
(BAT)
25A DOOR NO. 1
(BAT)
25A DOOR NO. 2
E59(A), (B) Junction Connector
E59(B) Junction Connector
IG1 NO. 1 Relay
ACC Relay
IG1 NO. 2 Relay
IG1 NO. 3 Relay
E62 Junction Connector
A24(A)
Skid Control ECU with Actuator Assembly
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
SP1
Speed Sensors
(LHD)
(RHD)
E1


∗11 : Before Jan. 2012 Production
∗12 : From Jan. 2012 Production
∗16 : Before Jan. 2013 Production
∗17 : From Jan. 2013 Production
(BAT)
5A
ECU–B1
(IG)
5A
MET
E59(A), (B)
Junction
Connector
E77
Combination Meter Assembly
LP
B
IG+
Security
Power
Supply
Circuit
+B
IG+(∗11)
IG(∗12)
Master
Multi
Display
Buzzer
IG
CAN
SI
+S
CANH
CANL
ET
E58
Junction
Connector
E60(A), (B)
Junction
Connector
EA2
EA3
EA1
(LHD)
(RHD)
A37(A), C52(B)
Junction
Connector
C1

A 4
Black




A 5
Black



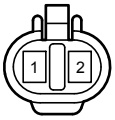

A 8
Black



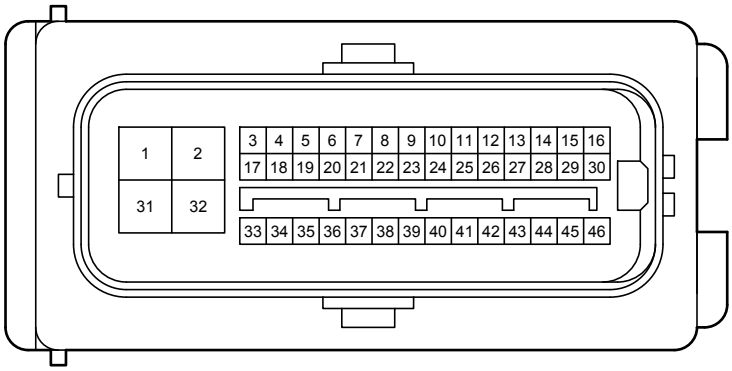

A 19
Black



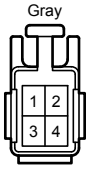

A 20
Black



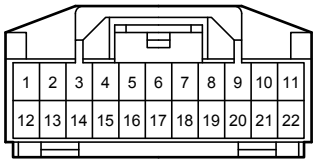

A 24
Black



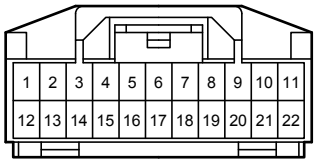

A 30
Gray



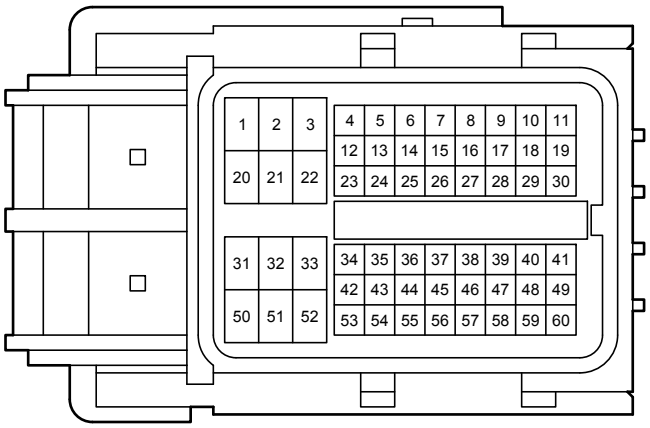

A 34
White



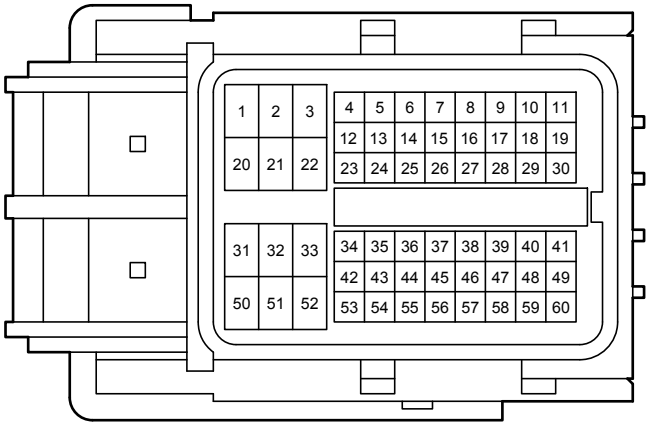

A 37
Blue




A 38
Black



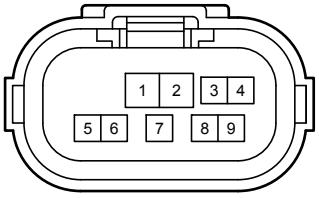
A 53
Black



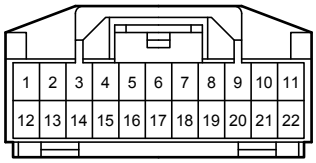

A 54
Dark Gray



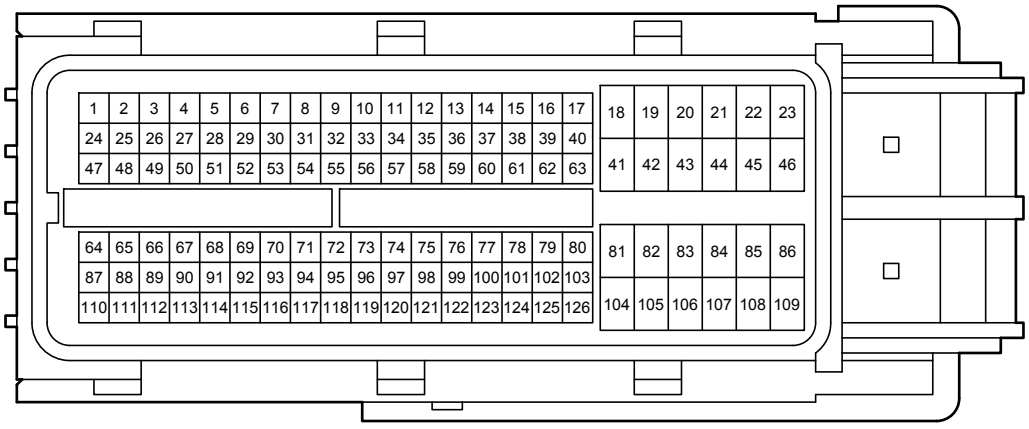

C 19
Gray



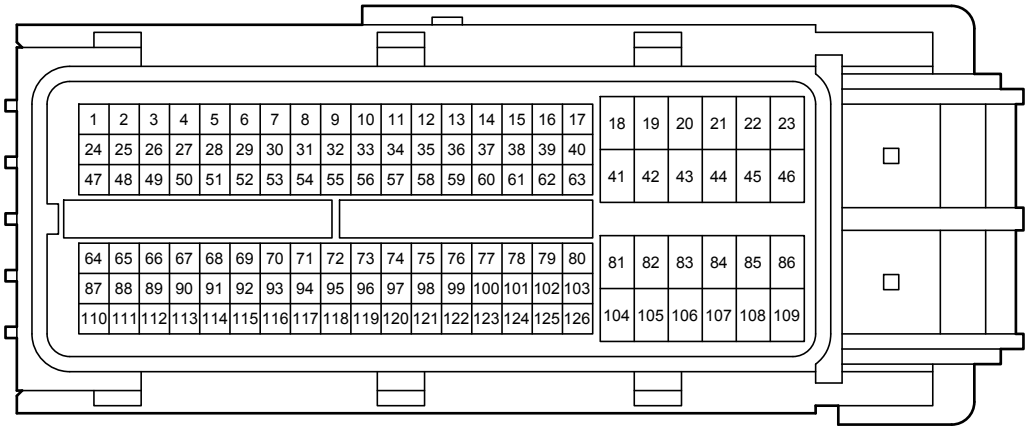

C 52
Blue




C 53
Black



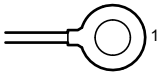

C 54
Black



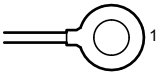

D 2
Black



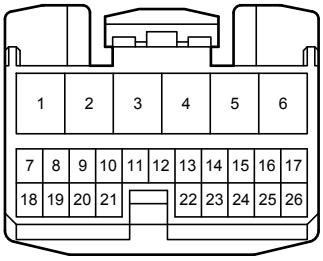
D 3



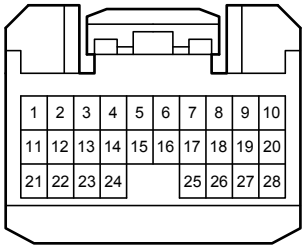

D 8



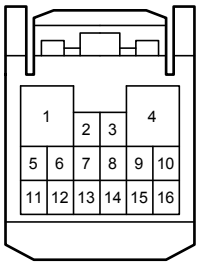

E 1
White



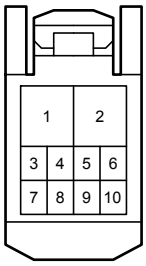

E 2
White



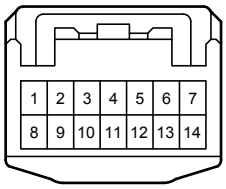

E 3
White



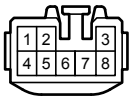

E 4
White



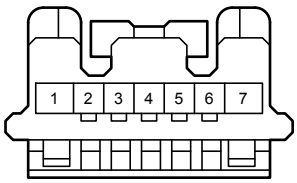

E 18
Black



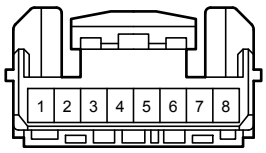

E 19
Black



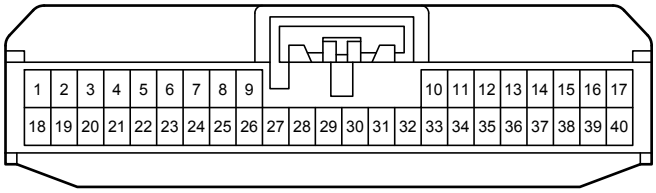

E 26
Black



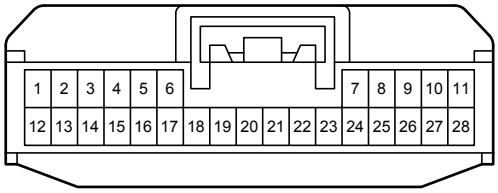

E 28
White



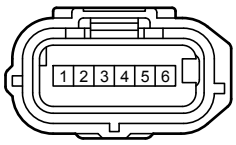

E 29
White



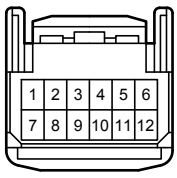

E 30
White



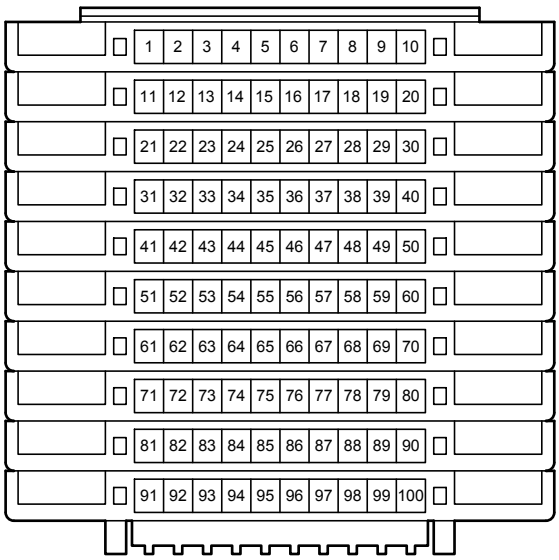

E 50
Black



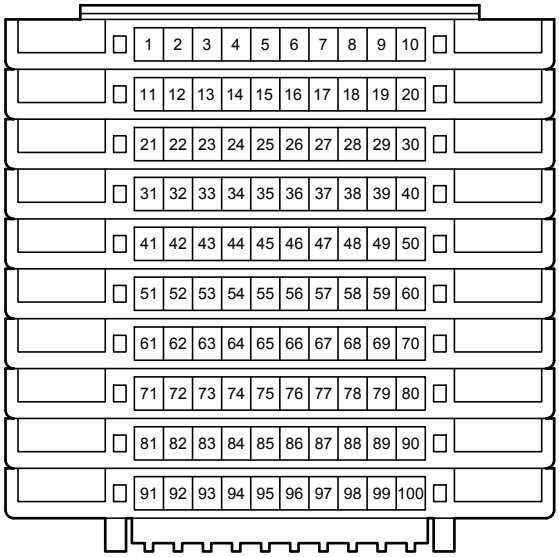

E 51
White



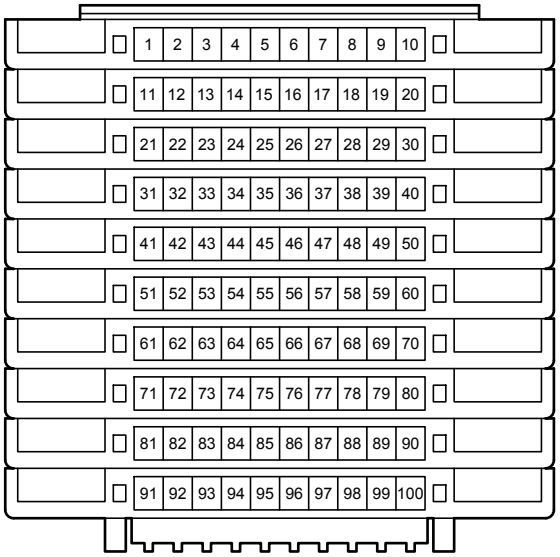

E 58
White



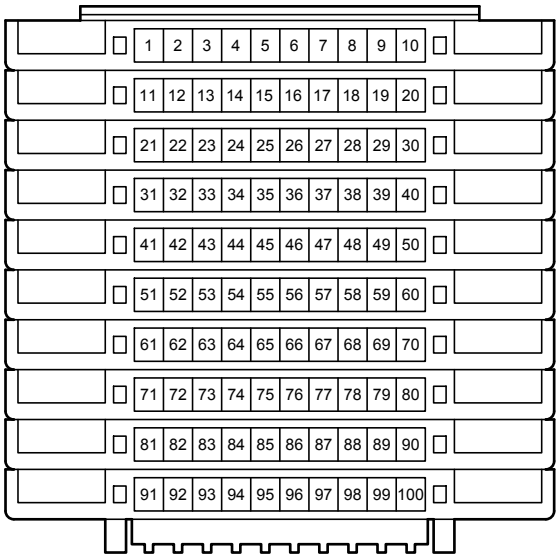
E 59
White



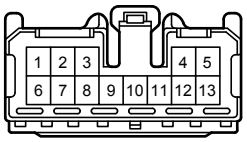

E 60
White



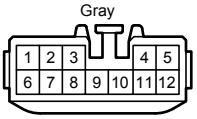

E 61
White



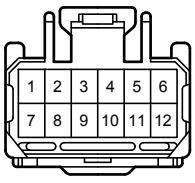

E 62
White



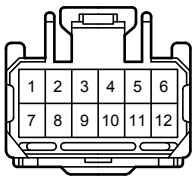

E 63
Gray



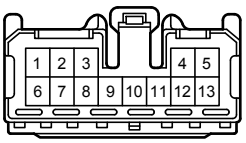

E 64
Black



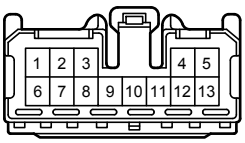

E 65
Black



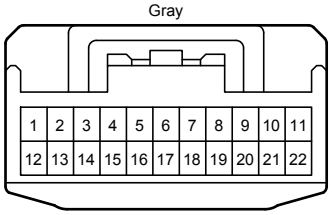

E 66
White



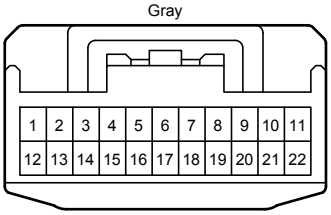

E 67
White



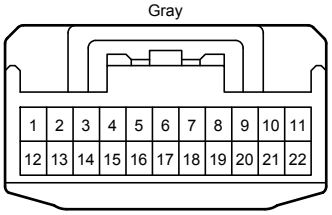

E 69
Gray



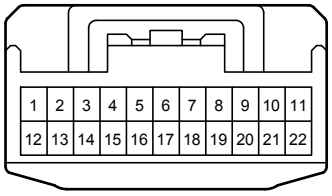

E 72
Gray



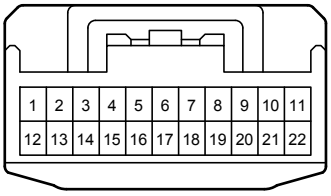

E 73
Gray



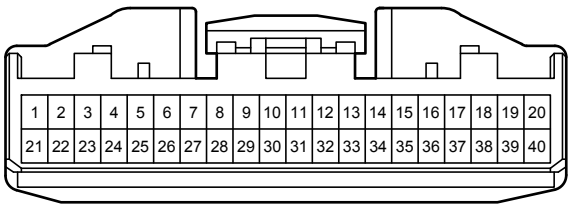
E 75
Gray



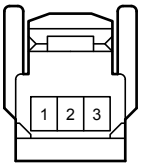

E 76
Gray



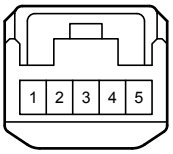

E 77
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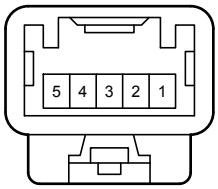

E 96
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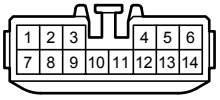

E 98
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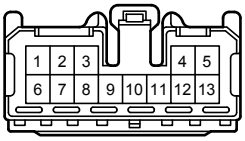

E 99
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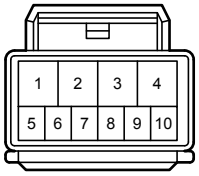

E109
White



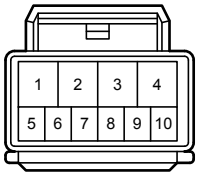

E116
White



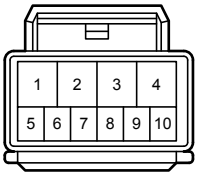

I 6
White



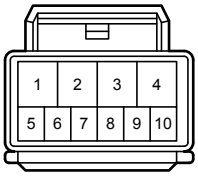

I 14
White



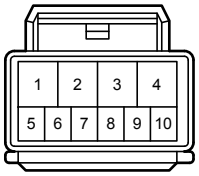

I 29
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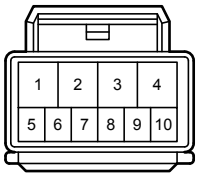

I 30
White




J 6
White




J 13
White



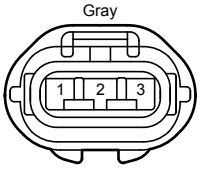

K 2
White



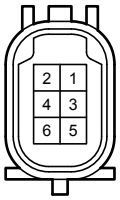

K 3
White



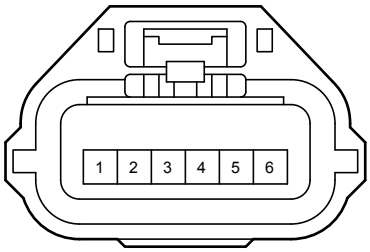

K 18
Gray




K 23
White




K 46
Black



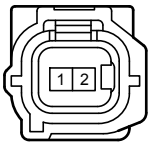

L 1
White



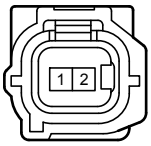

L 2
White



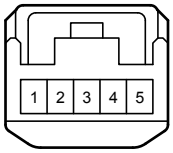

L 8
Black



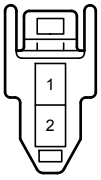

L 9
Black



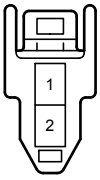
L 21
White



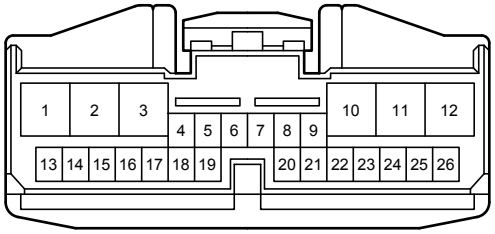

L 29
White



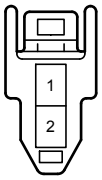

L 30
White



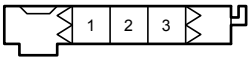

L 33
White



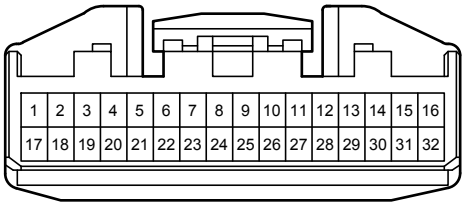

L 46
White



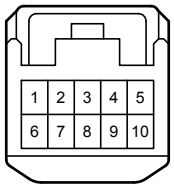

R 6
White



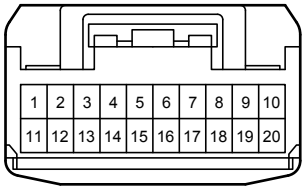

R 7
White



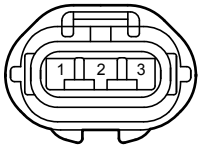

R 10
White



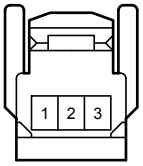

R 12
White



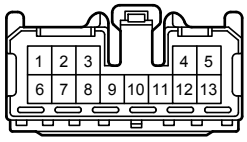

S 1
Black



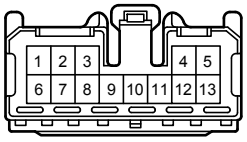

S 7
White



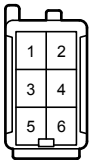

S 15
White



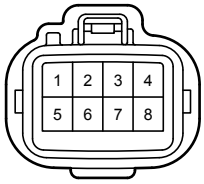

S 16
White



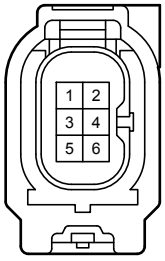

S 19
Black



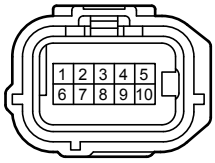

S 25
Dark Gray



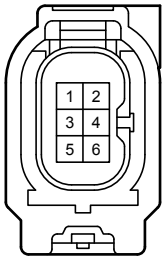

z 21
White



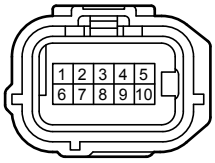

z 22
Black



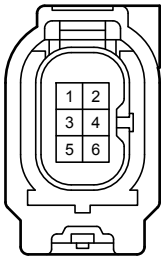

z 23
White



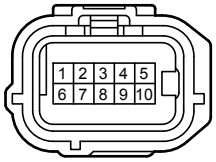

z 24
Black



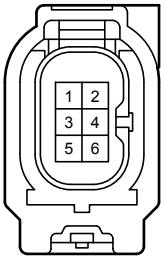

z 25
White



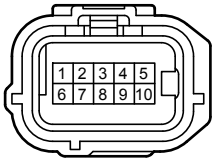
z 26
Black



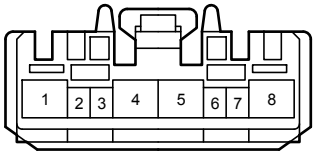

z 27
White



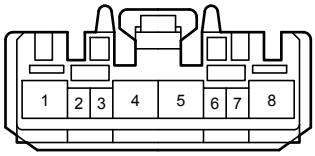

z 28
Black



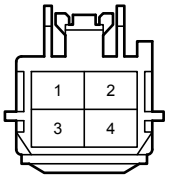

1A
White



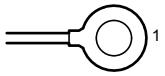

1B
White



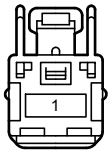

1H
White



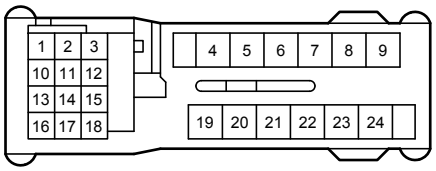

1I



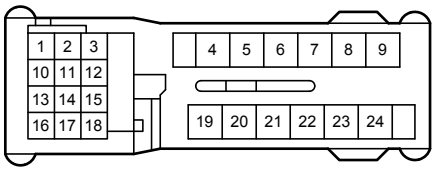

2A
White



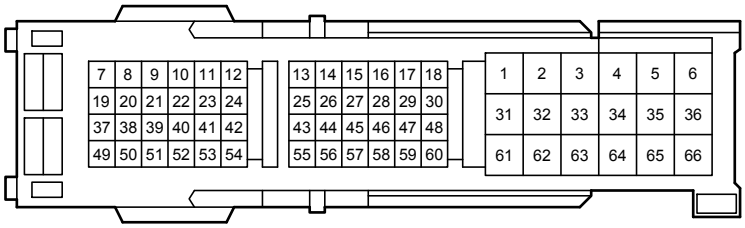

2B
White



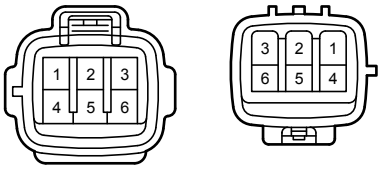

2C
White



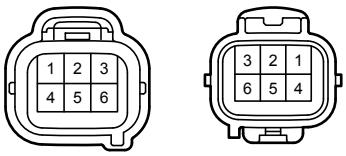

2D
White



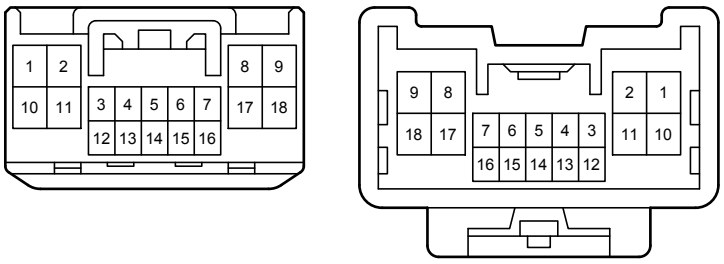

AA3
Gray




AD1
Black

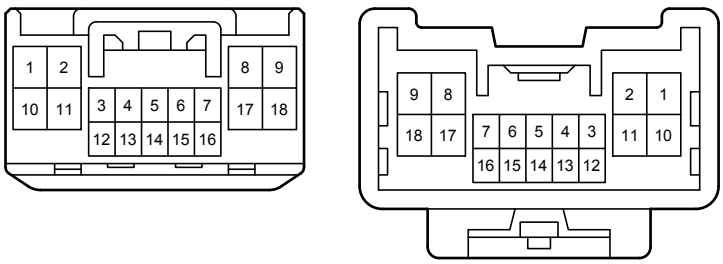



AK2
Gray



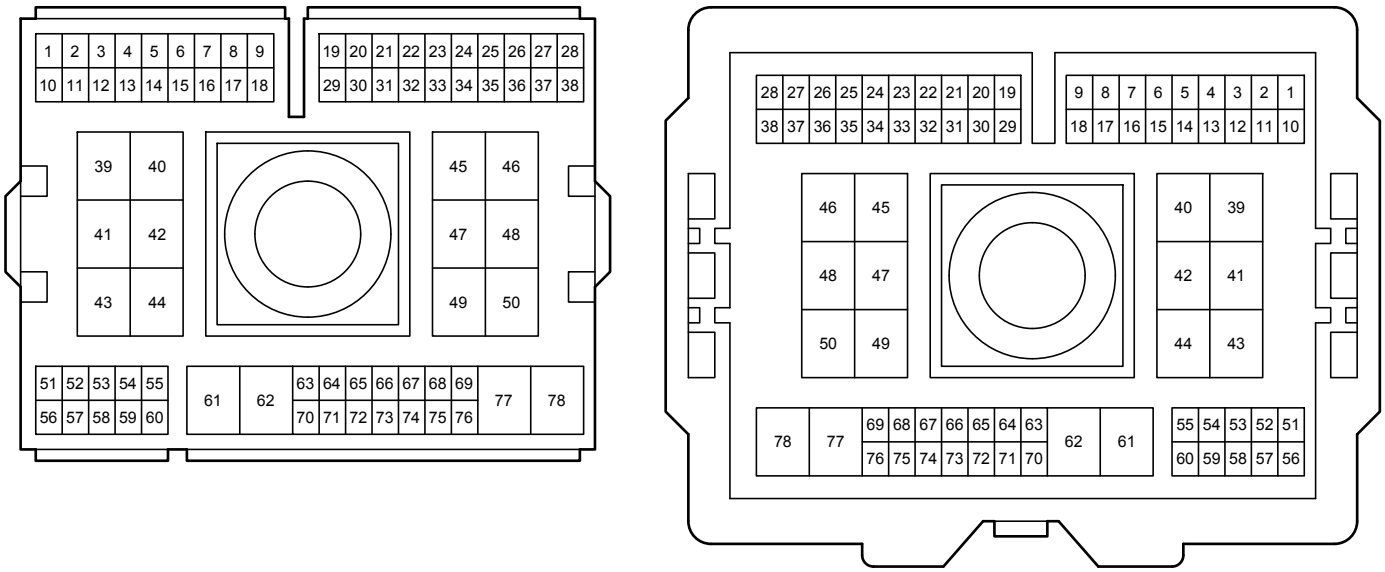
CA1

White




EA1

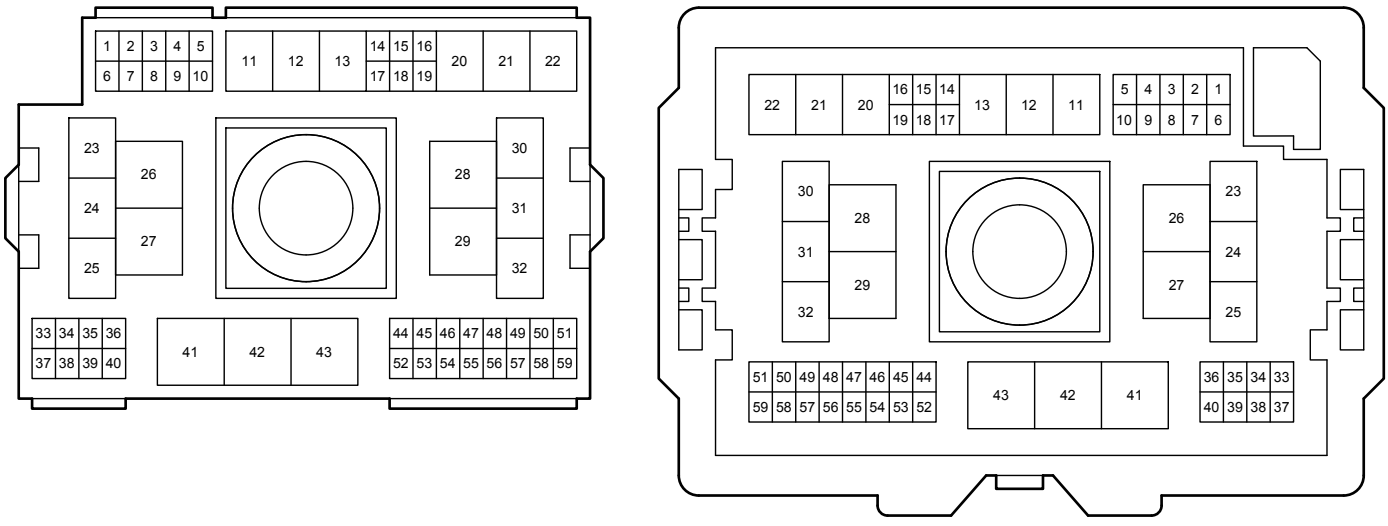
White




EA2

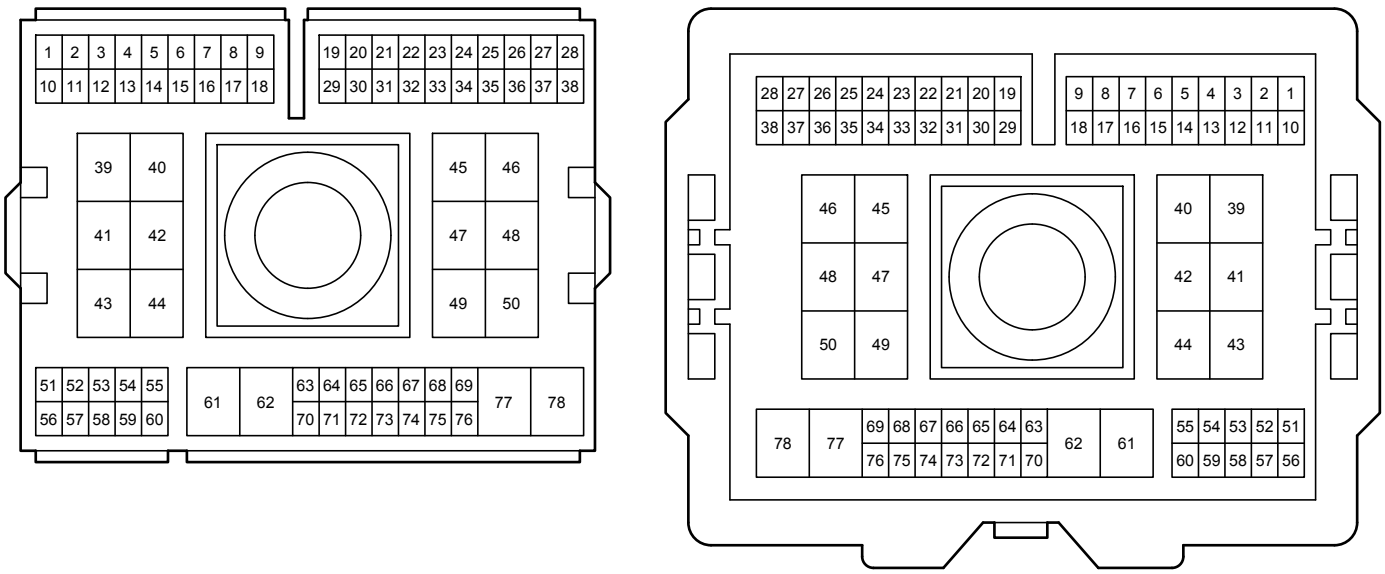
White

Gray



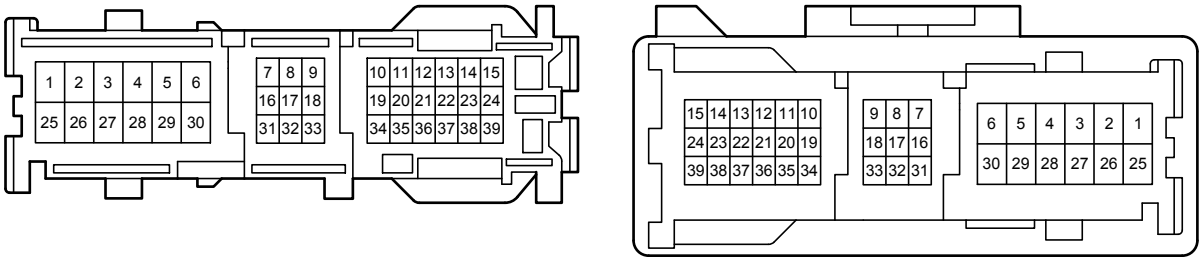
EA3

White




EA4

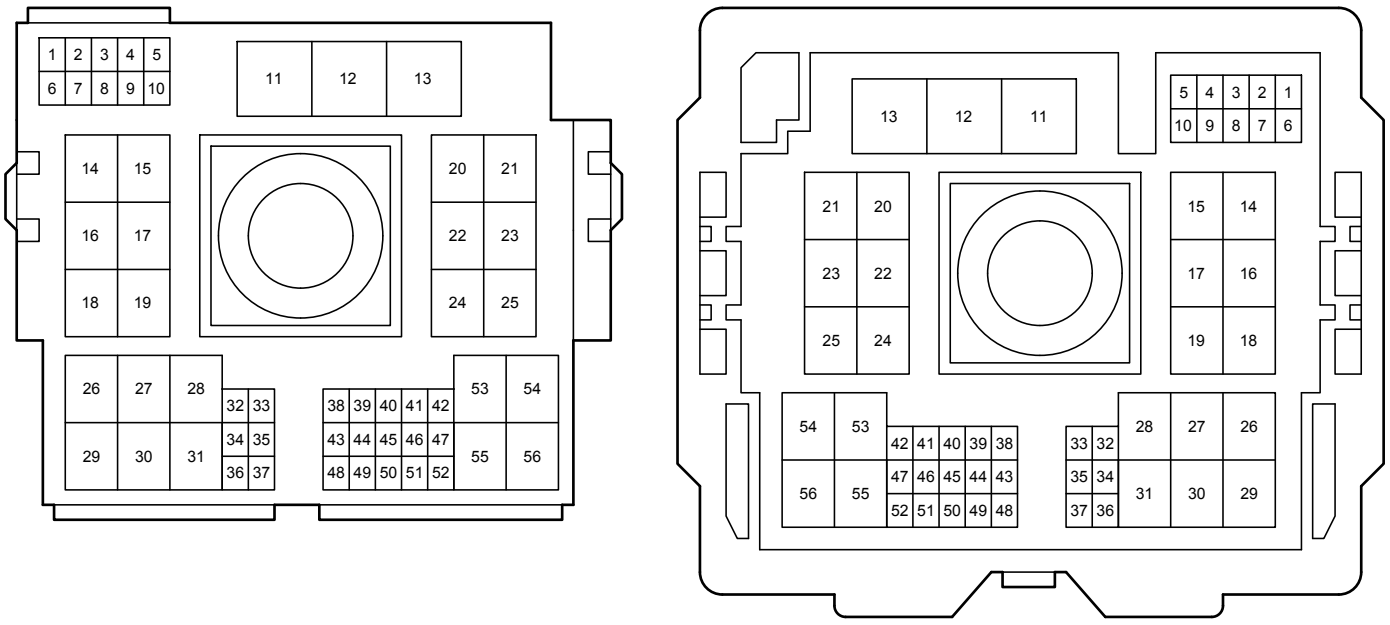
White



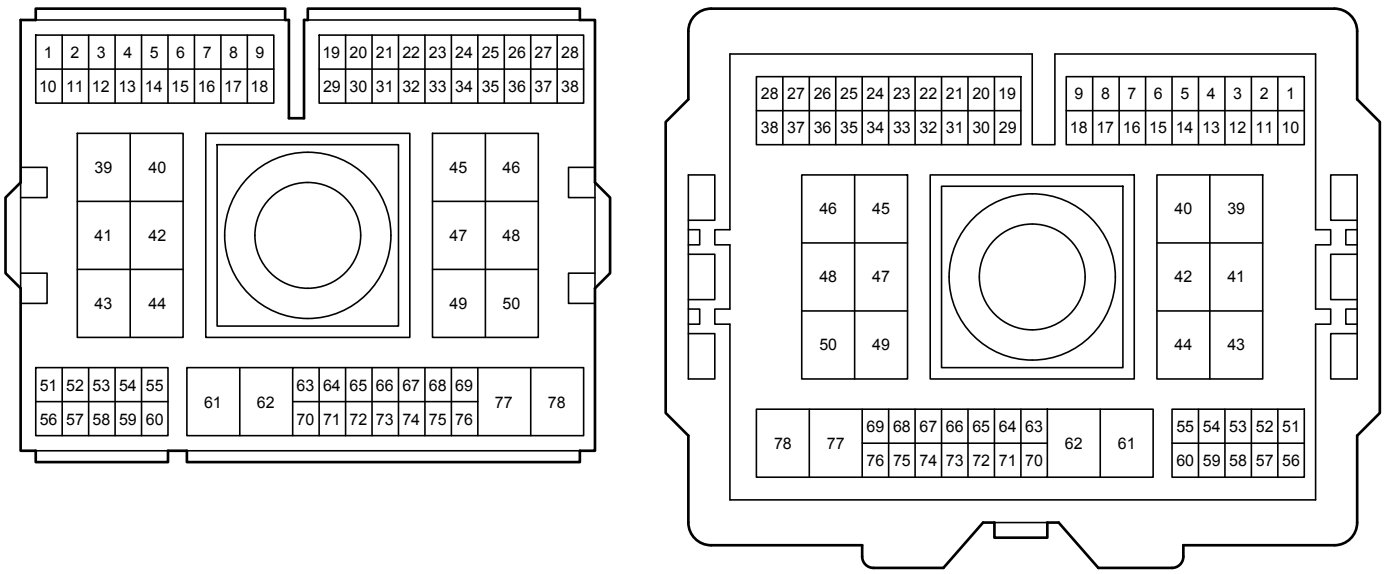

EK1

White

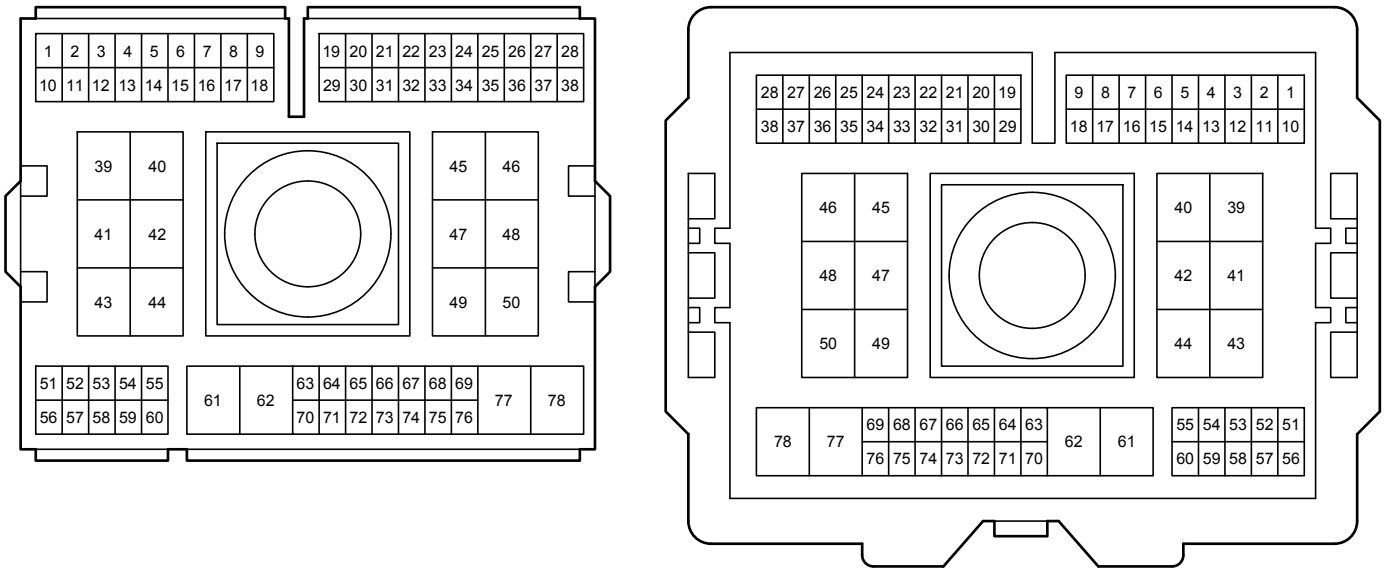
Blue



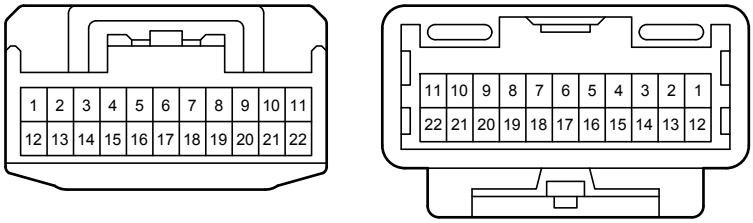
EK2
White



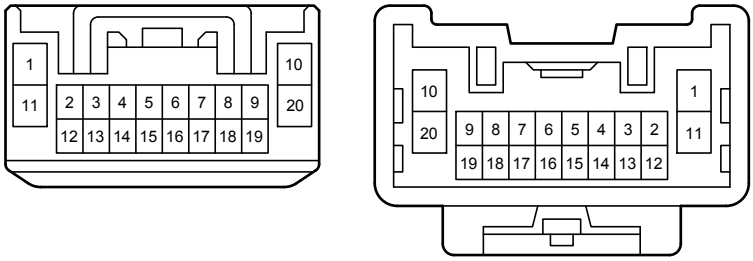

EL1
White



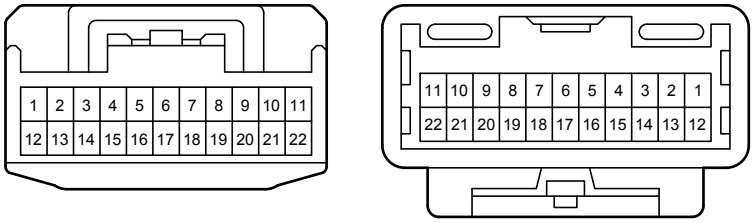

FE3
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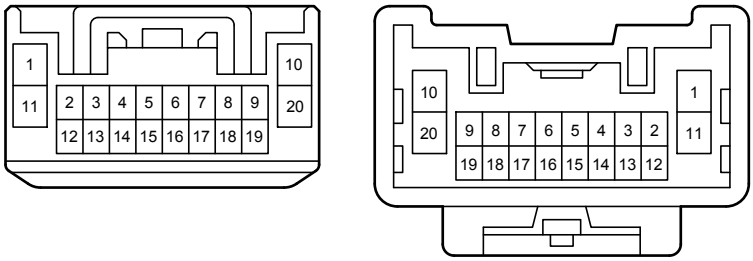
FE4
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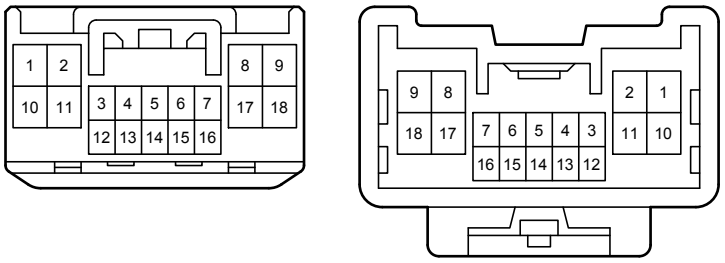

FL2
Blue



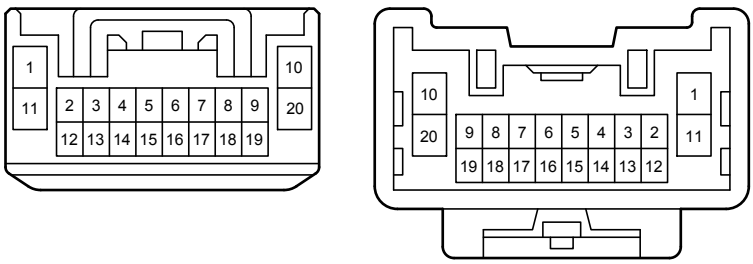

IE2
Blue



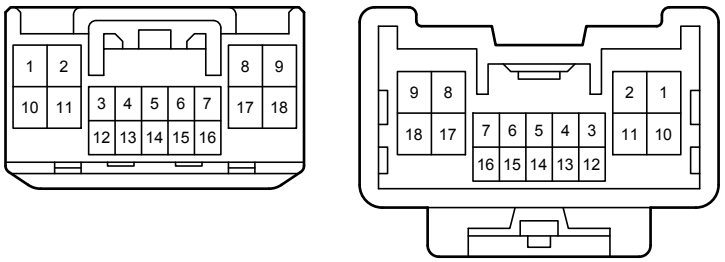

IE3
White



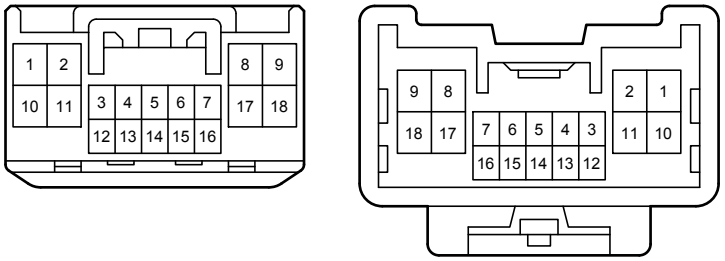
IE5
Blue



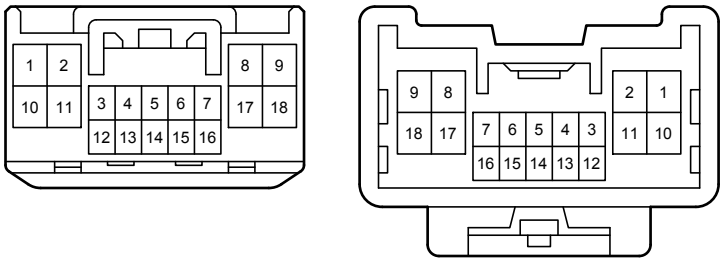

IE6
White



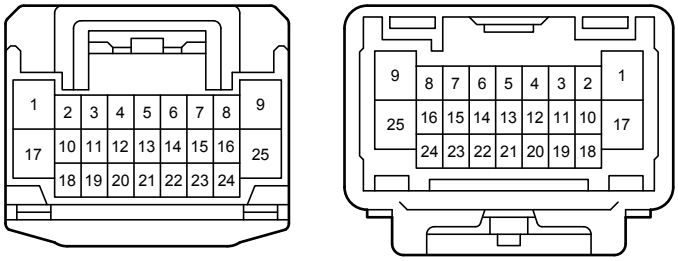

JK1
White



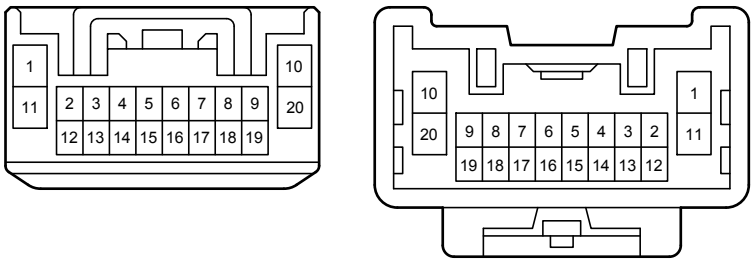

JL1
White



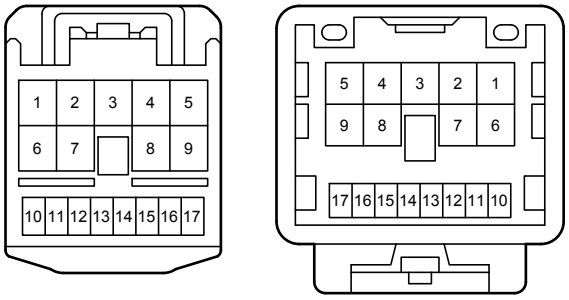
KL1
White



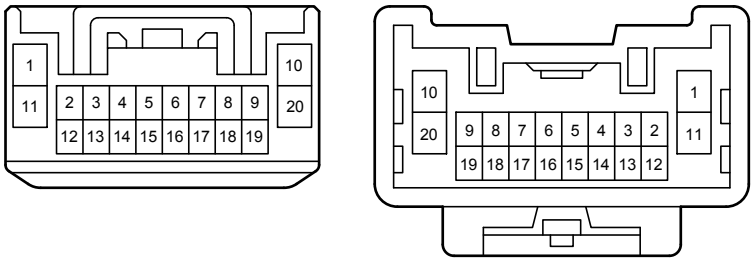

RE2
Blue



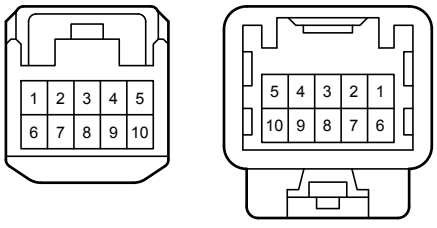

SK1
White

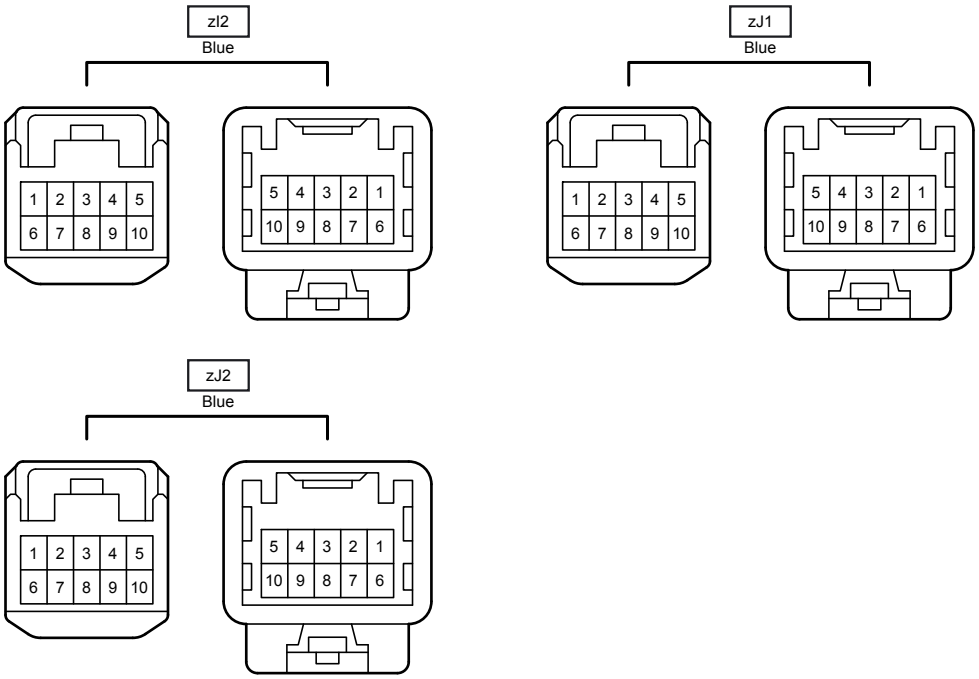


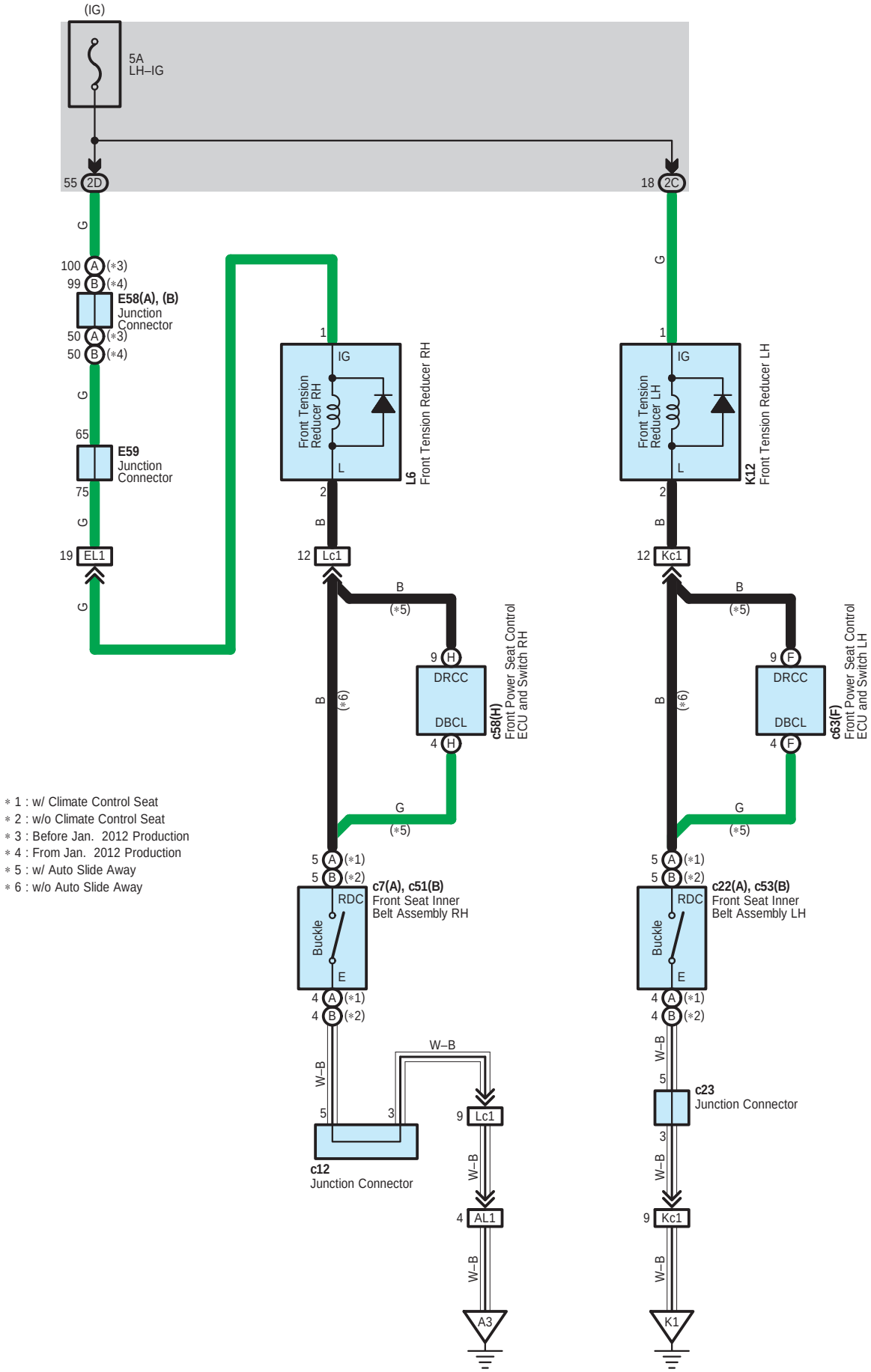

SK2
Blue




zI1
Blue

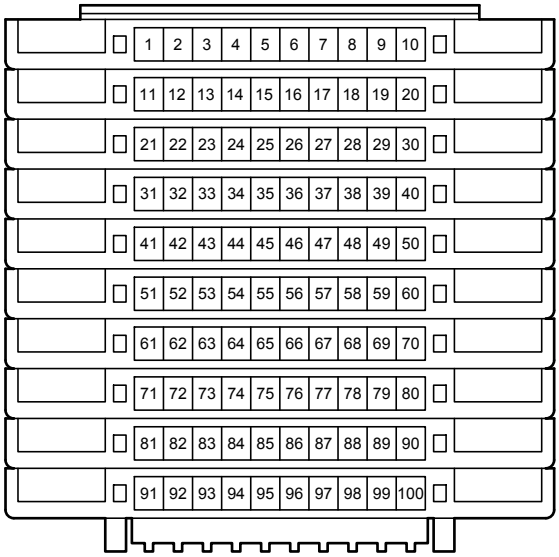



zI2
Blue
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
zJ1
Blue
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
zJ2
Blue
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

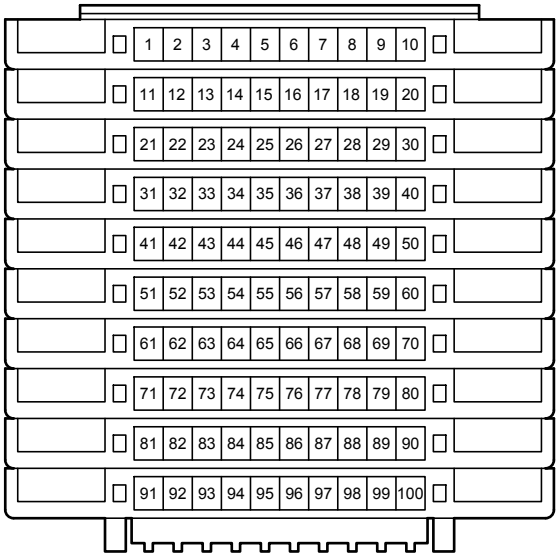



∗ 1 : w/ Climate Control Seat
∗ 2 : w/o Climate Control Seat
∗ 3 : Before Jan. 2012 Production
∗ 4 : From Jan. 2012 Production
∗ 5 : w/ Auto Slide Away
∗ 6 : w/o Auto Slide Away

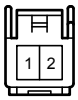
E 58
White



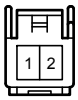

E 59
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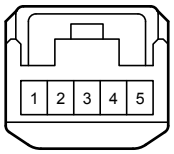

K 12
White



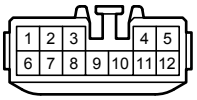

L 6
White



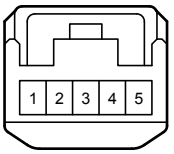

c 7
White



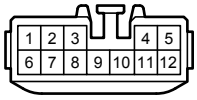

c 12
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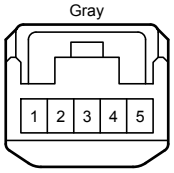

c 22
White



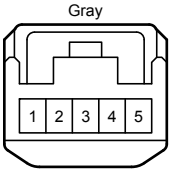

c 23
White




c 51
Gray




c 53
Gray



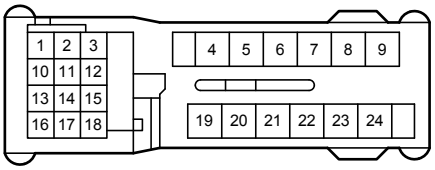

c 58
White



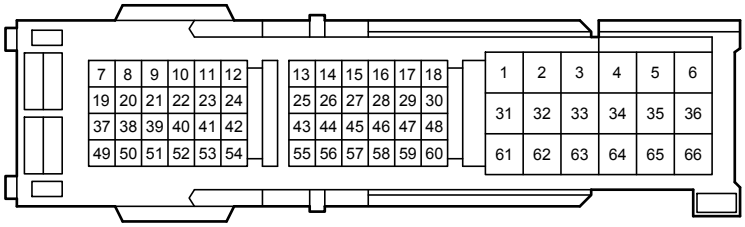

c 63
White



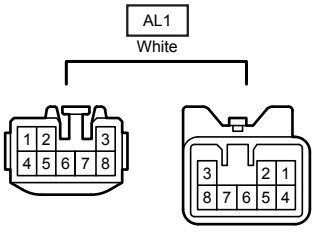

2C
White



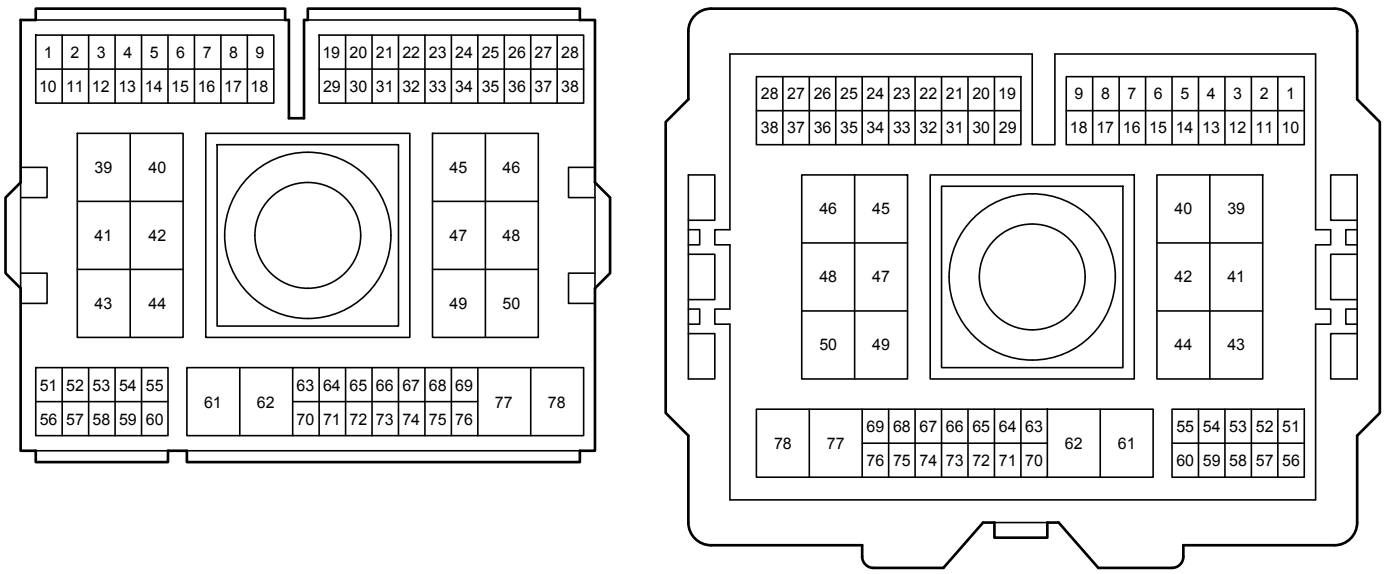

2D
White



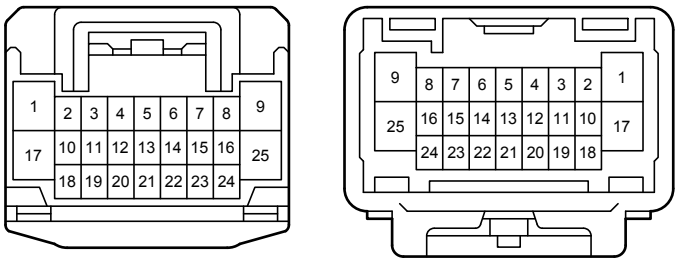

AL1
White



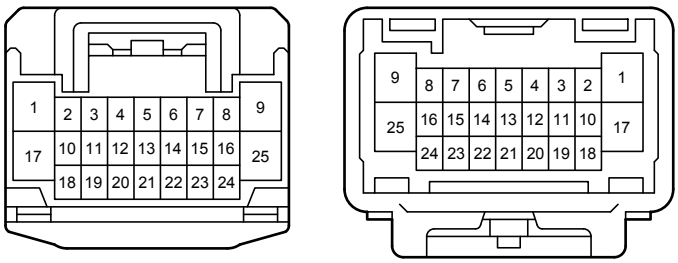
EL1
White

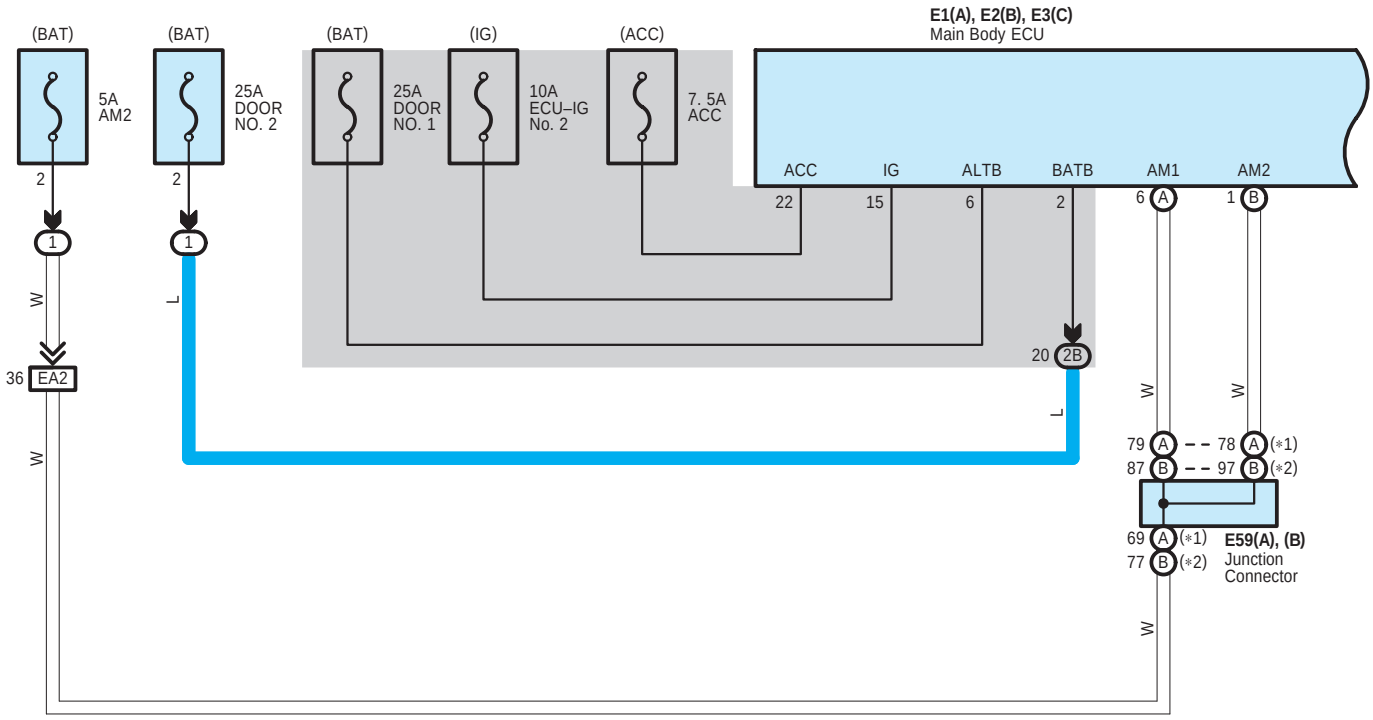



Kc1
White

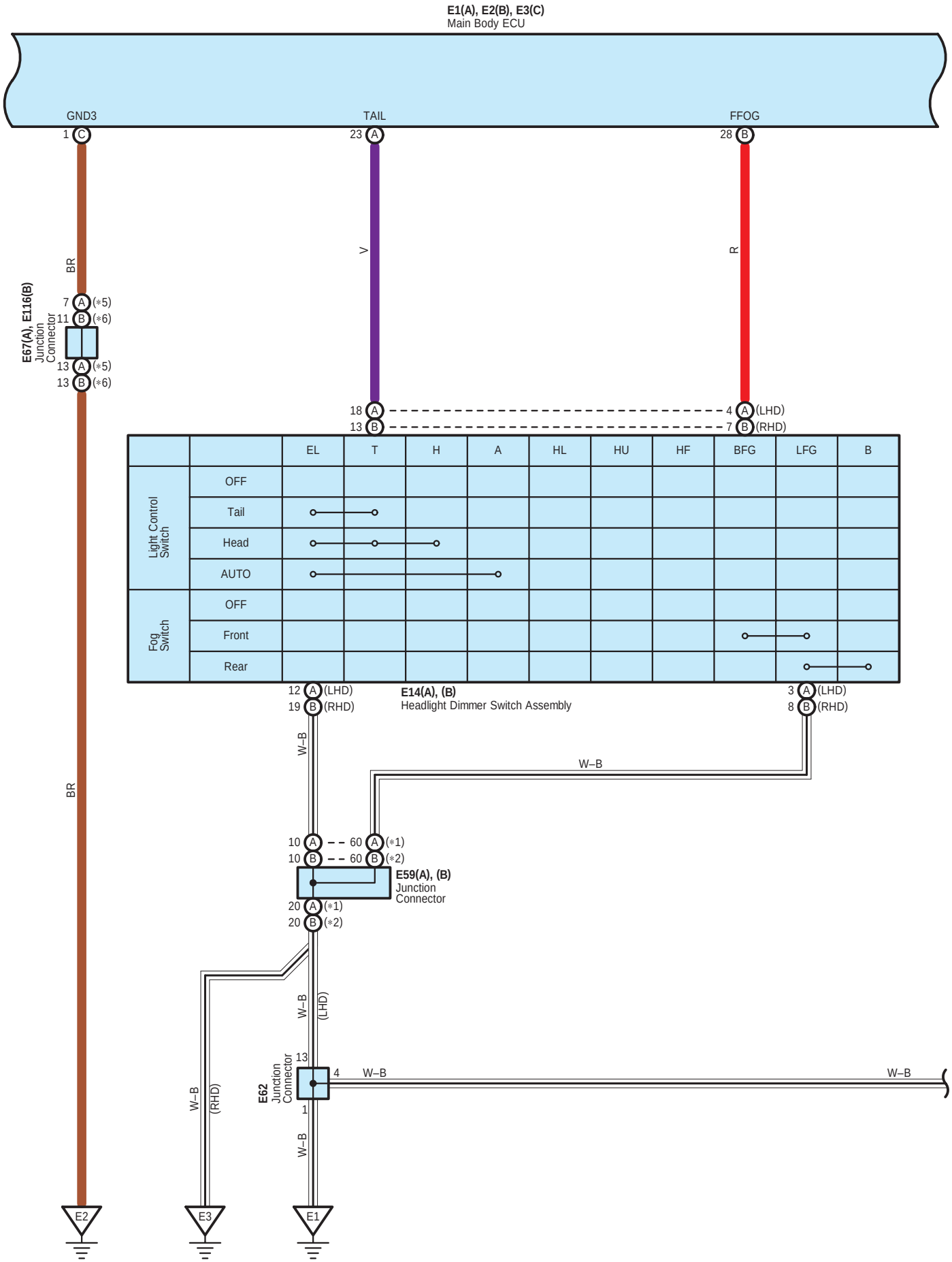


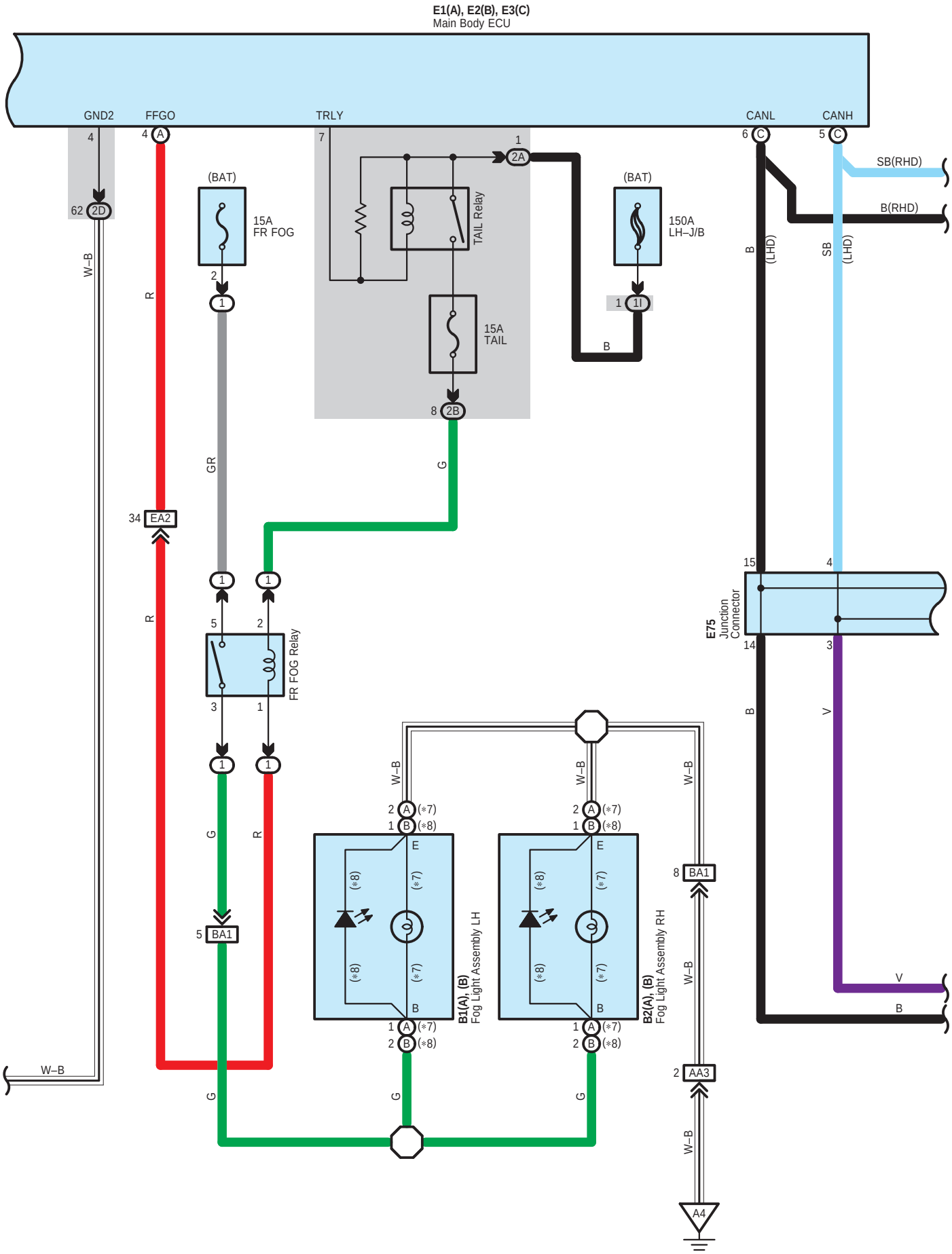

Lc1
White

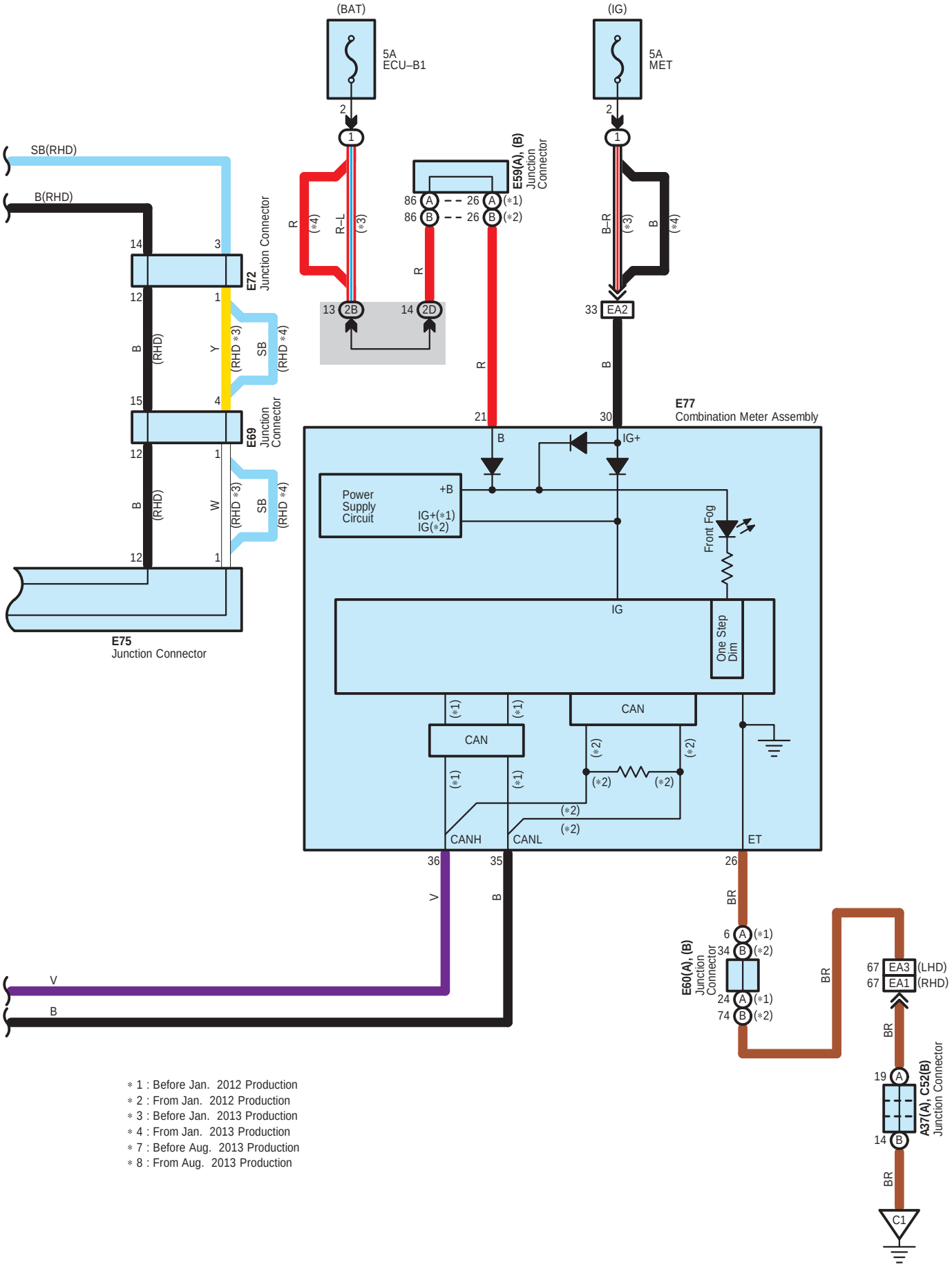





* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production
* 5 : RHD, LHD Before Aug. 2013 Production
* 6 : LHD From Aug. 2013 Production

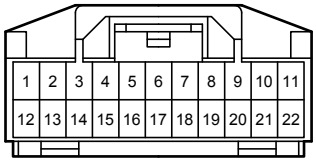

E1(A), E2(B), E3(C)
Main Body ECU
GND3
TAIL
FFOG
1 C
23 A
28 B
BR
V
R
E67(A), E116(B)
Junction Connector
7 A (*5)
11 B (*6)
13 A (*5)
13 B (*6)
18 A
13 B
4 A (LHD)
7 B (RHD)
EL
T
H
A
HL
HU
HF
BFG
LFG
B
Light Control Switch
OFF
Tail
Head
AUTO
Fog Switch
OFF
Front
Rear
12 A (LHD)
19 B (RHD)
E14(A), (B)
Headlight Dimmer Switch Assembly
3 A (LHD)
8 B (RHD)
W–B
10 A
10 B
60 A (*1)
60 B (*2)
E59(A), (B)
Junction Connector
20 A (*1)
20 B (*2)
(LHD)
(RHD)
E62
Junction Connector
13
4
1
E2
E3
E1


E1(A), E2(B), E3(C)
Main Body ECU
GND2
FFGO
TRLY
CANL
CANH
(BAT)
15A
FR FOG
TAIL Relay
15A
TAIL
(BAT)
150A
LH–J/B
SB(RHD)
B(RHD)
(LHD)
(LHD)
E75
Junction
Connector
FR FOG Relay
B1(A), (B)
Fog Light Assembly LH
B2(A), (B)
Fog Light Assembly RH
W–B
R
GR
G
B
SB
V
EA2
BA1
AA3
A4

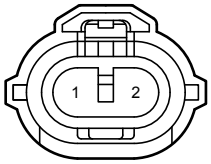



* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production
* 3 : Before Jan. 2013 Production
* 4 : From Jan. 2013 Production
* 7 : Before Aug. 2013 Production
* 8 : From Aug. 2013 Production

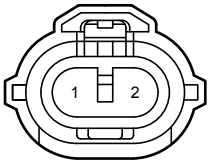
A 37
Blue



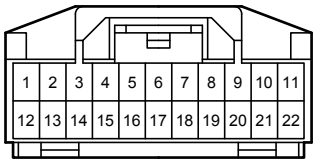

B 1
Black



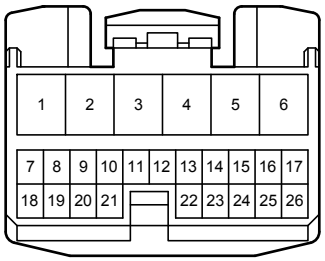

B 2
Black



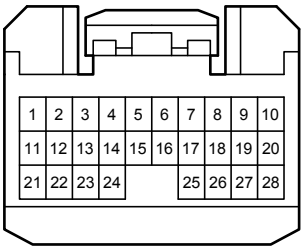

C 52
Blue



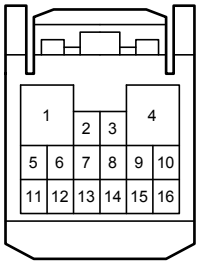

E 1
White



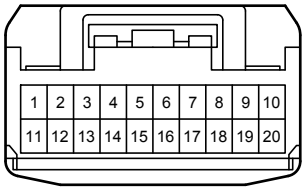

E 2
White



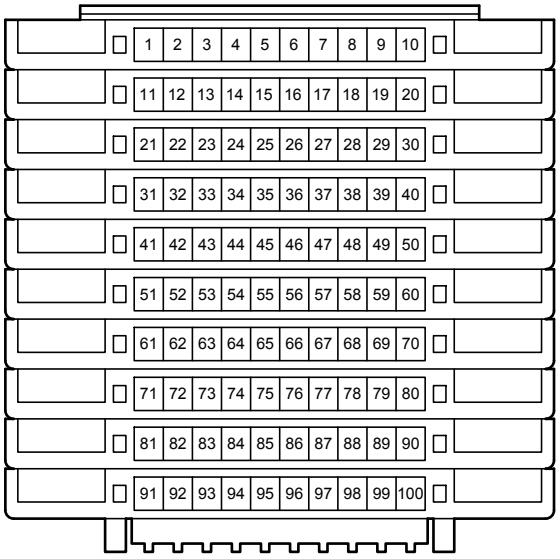

E 3
White



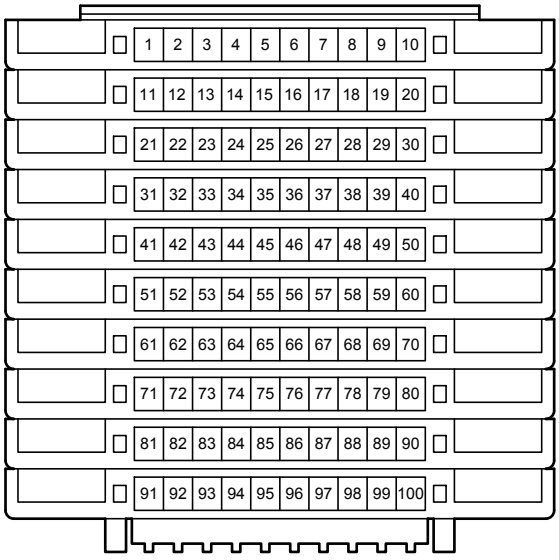

E 14
White



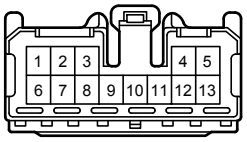

E 59
White



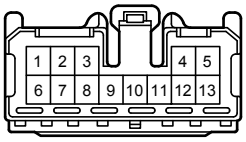

E 60
White



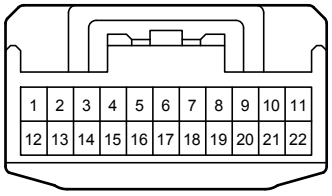

E 62
White



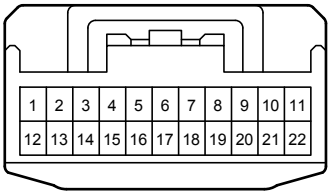

E 67
White



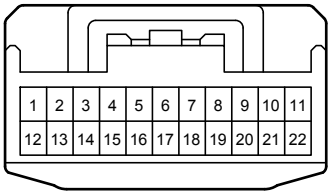
E 69
Gray



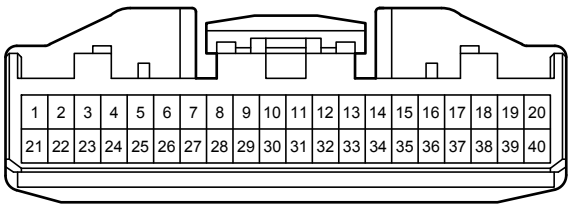

E 72
Gray



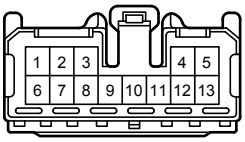

E 75
Gray



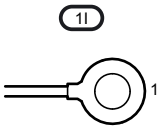

E 77
White



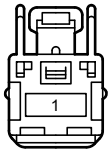

E116
White



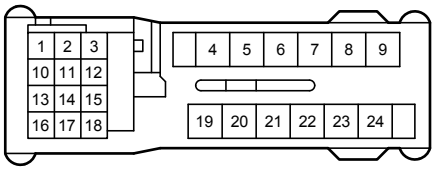

1I



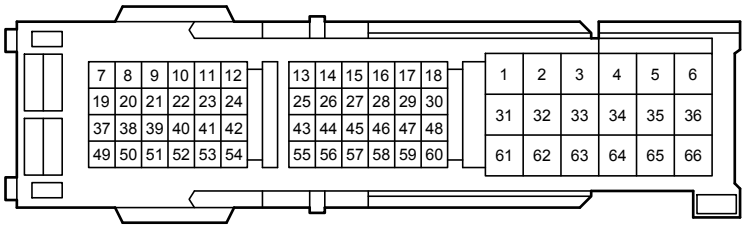

2A
White



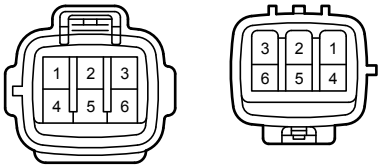

2B
White



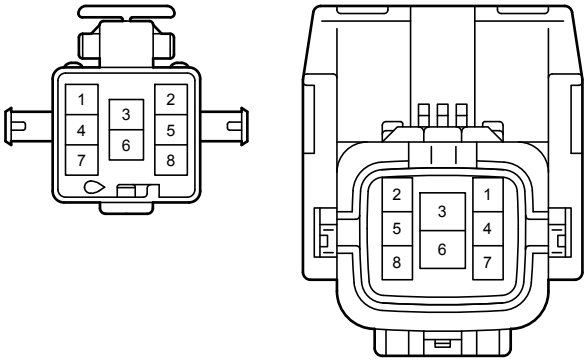

2D
White




AA3
Gray

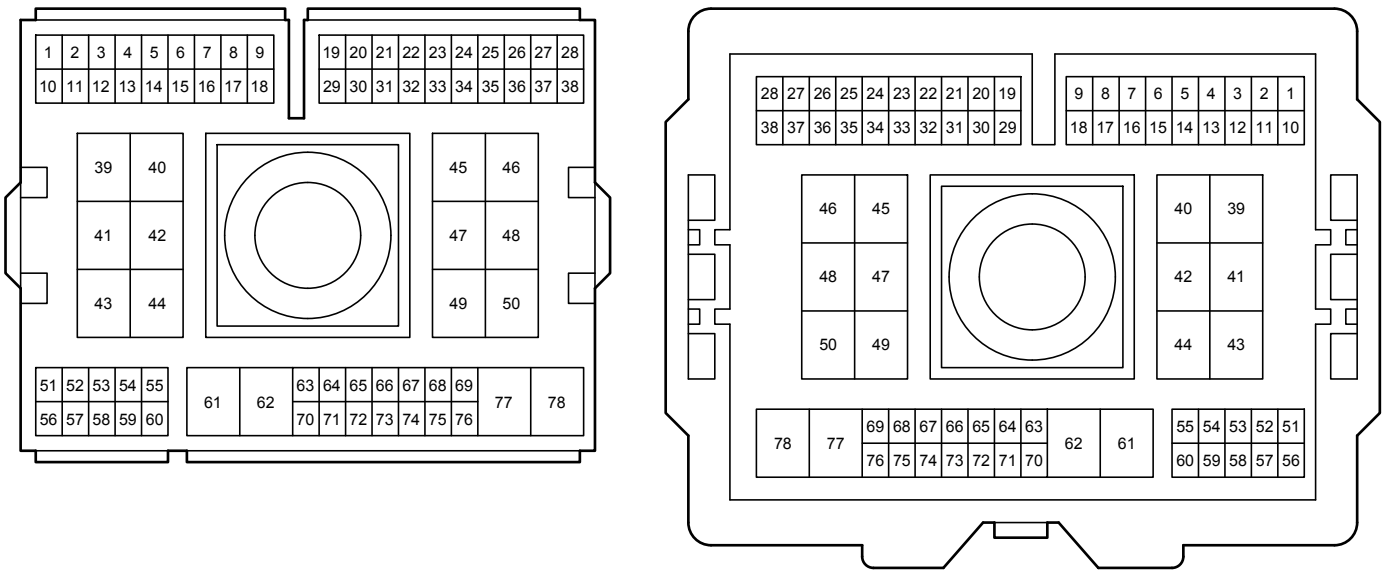



BA1
Black



EA1

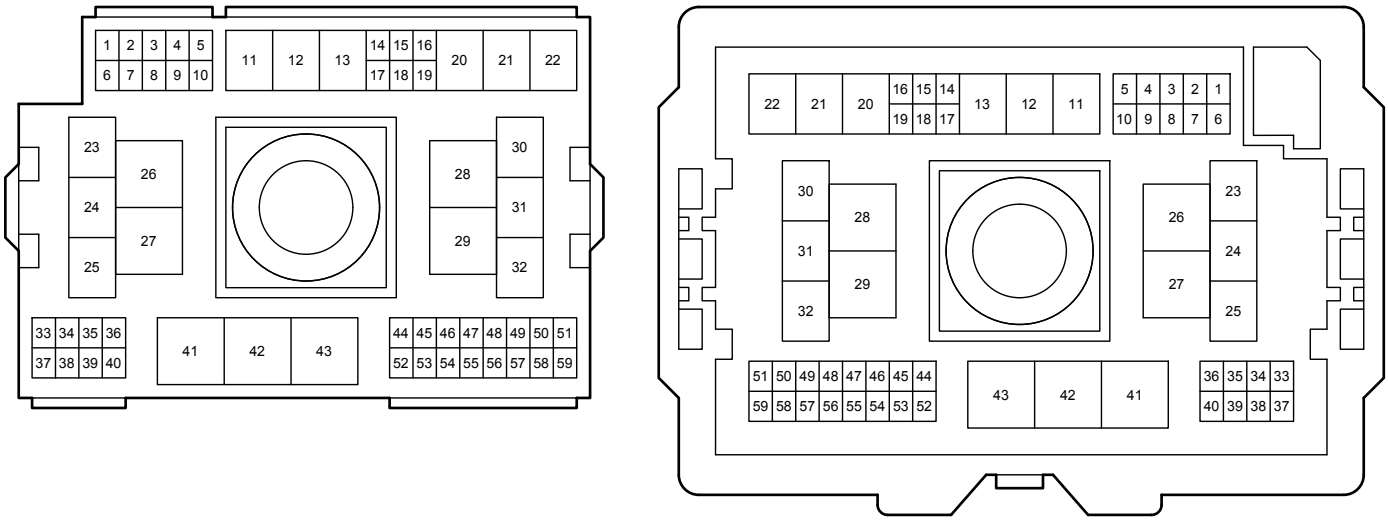
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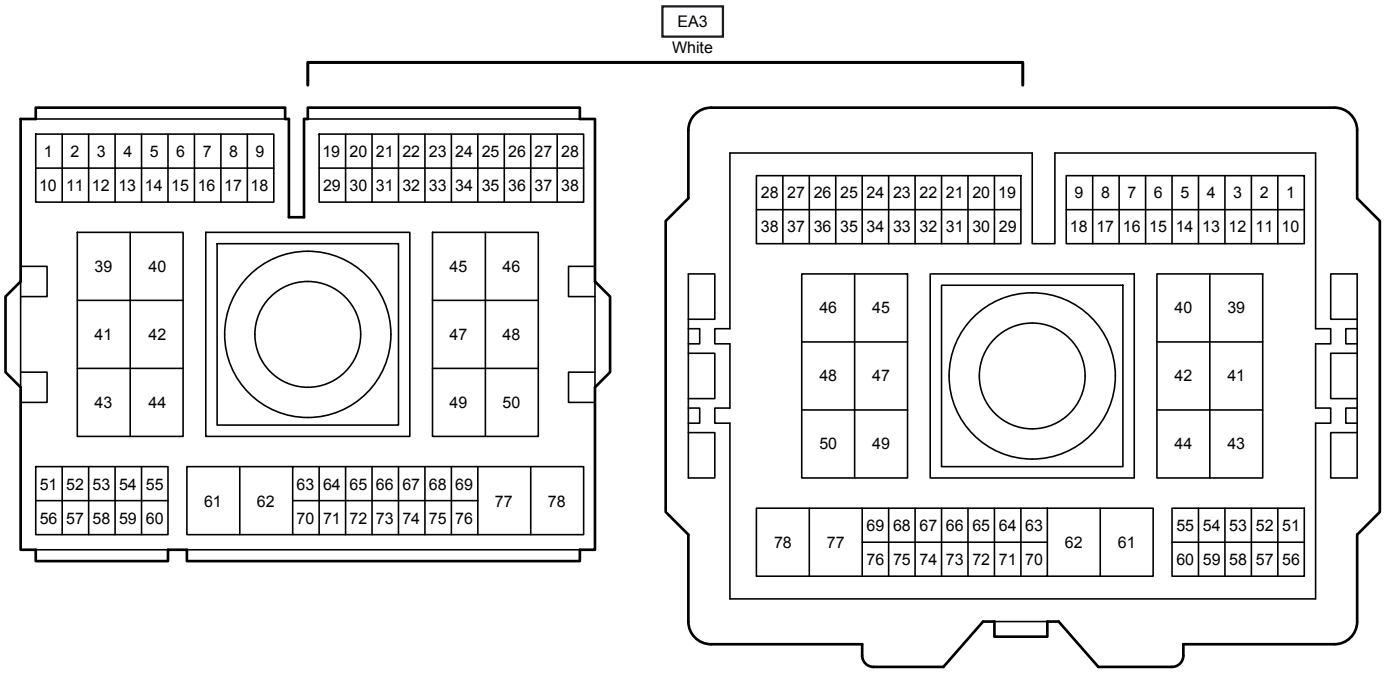


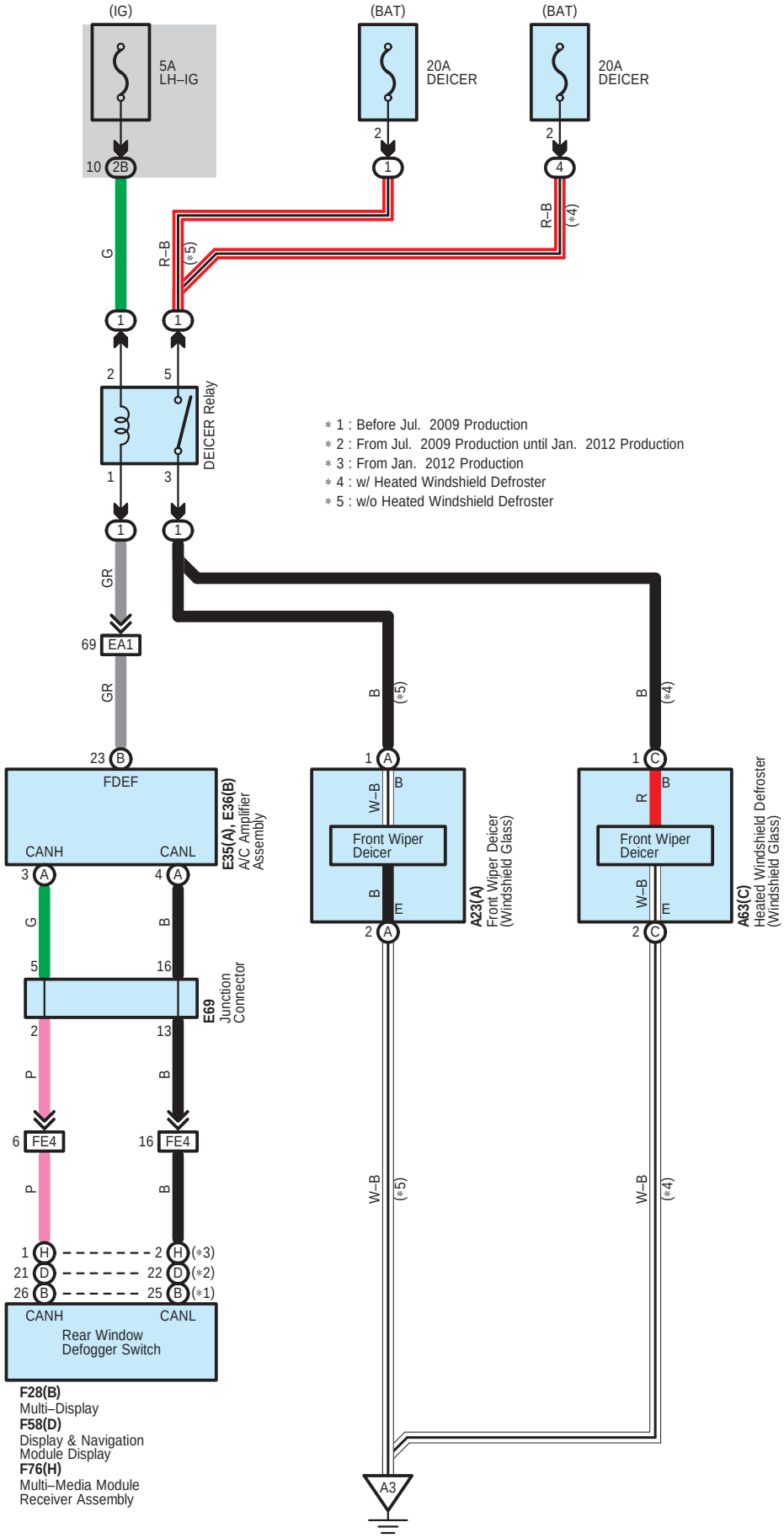

EA2

White

Gray



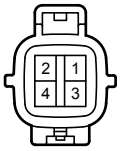

EA3
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 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
10 2B
(BAT)
20A
DEICER
2
1
(BAT)
20A
DEICER
2
4
G
R–B
(*5)
R–B
(*4)
1
1
2
5
DEICER Relay
1
3
1
1
GR
69 EA1
GR
23 B
FDEF
CANH
CANL
E35(A), E36(B)
A/C Amplifier
Assembly
3 A
4 A
G
B
5
16
E69
Junction
Connector
2
13
P
B
6 FE4
16 FE4
P
B
1 H
21 D
26 B
2 H (*3)
22 D (*2)
25 B (*1)
CANH
CANL
Rear Window
Defogger Switch
F28(B)
Multi–Display
F58(D)
Display & Navigation
Module Display
F76(H)
Multi–Media Module
Receiver Assembly
B
(*5)
1 A
W–B
B
Front Wiper
Deicer
B
E
2 A
A23(A)
Front Wiper Deicer
(Windshield Glass)
B
(*4)
1 C
R
B
Front Wiper
Deicer
W–B
m
2 C
A63(C)
Heated Windshield Defroster
(Windshield Glass)
W–B
(*5)
W–B
(*4)
A3
∗ 1 : Before Jul. 2009 Production
∗ 2 : From Jul. 2009 Production until Jan. 2012 Production
∗ 3 : From Jan. 2012 Production
∗ 4 : w/ Heated Windshield Defroster
∗ 5 : w/o Heated Windshield Defroster

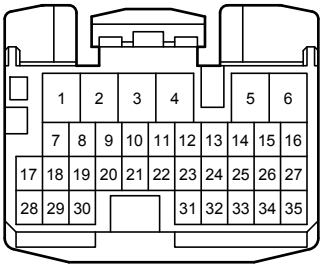
A 23
Gray



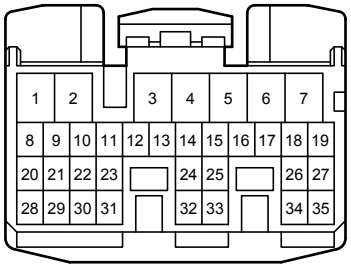

A 63
Gray



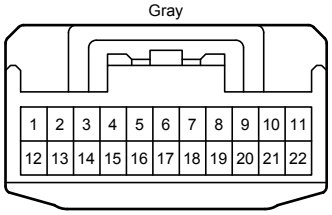

E 35
White



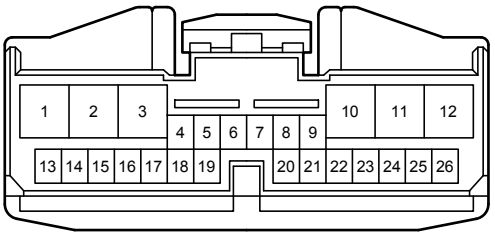

E 36
White



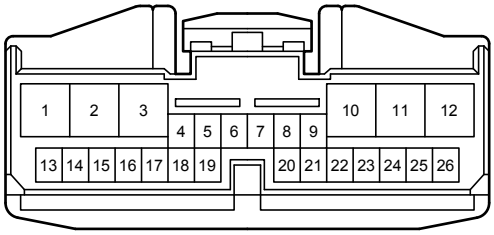

E 69
Gray



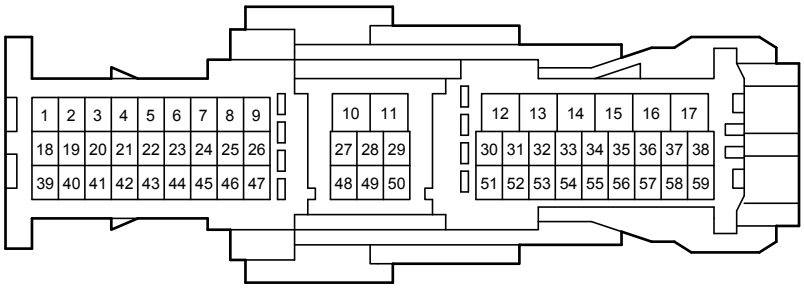

F 28
White



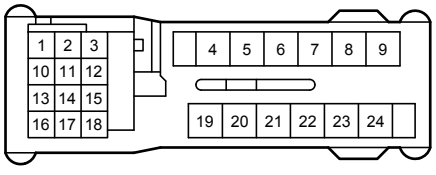

F 58
White

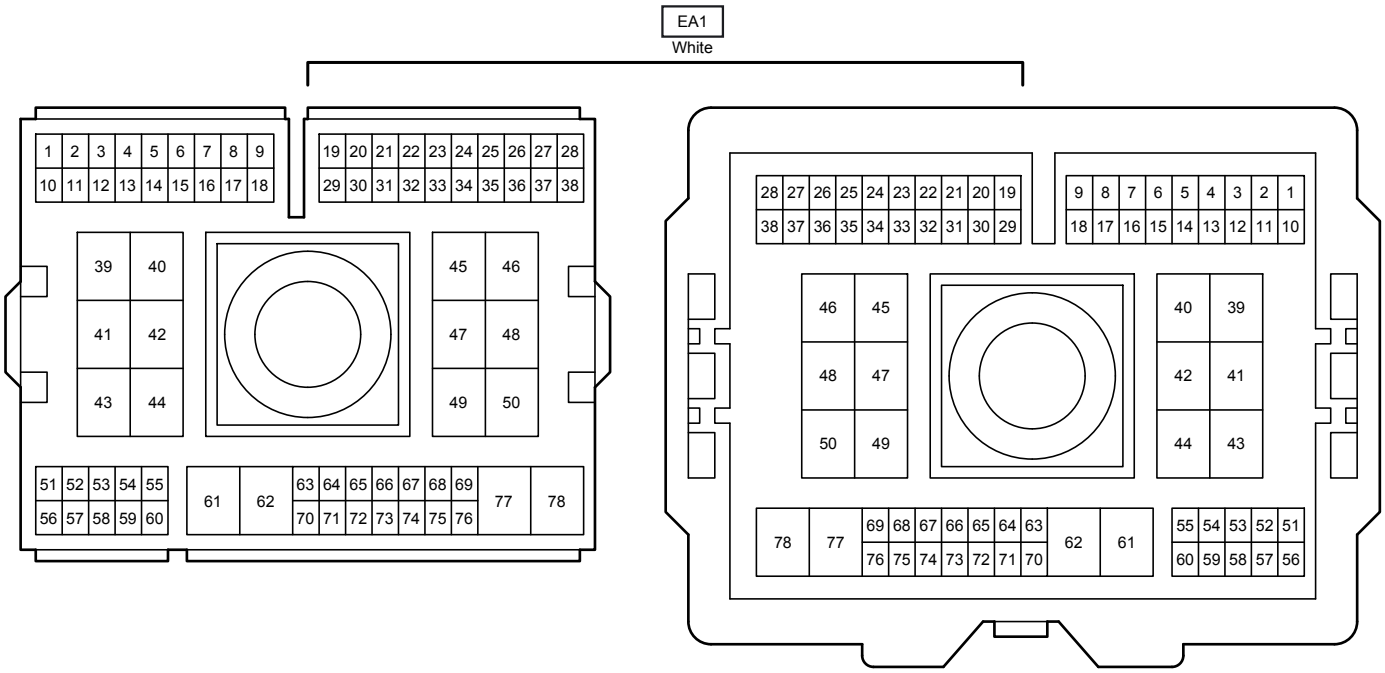


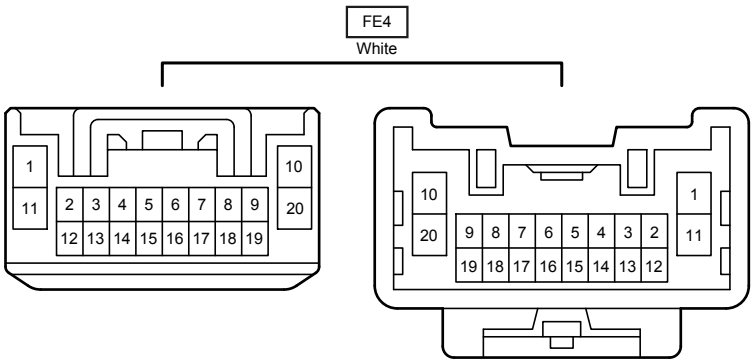

F 76
White

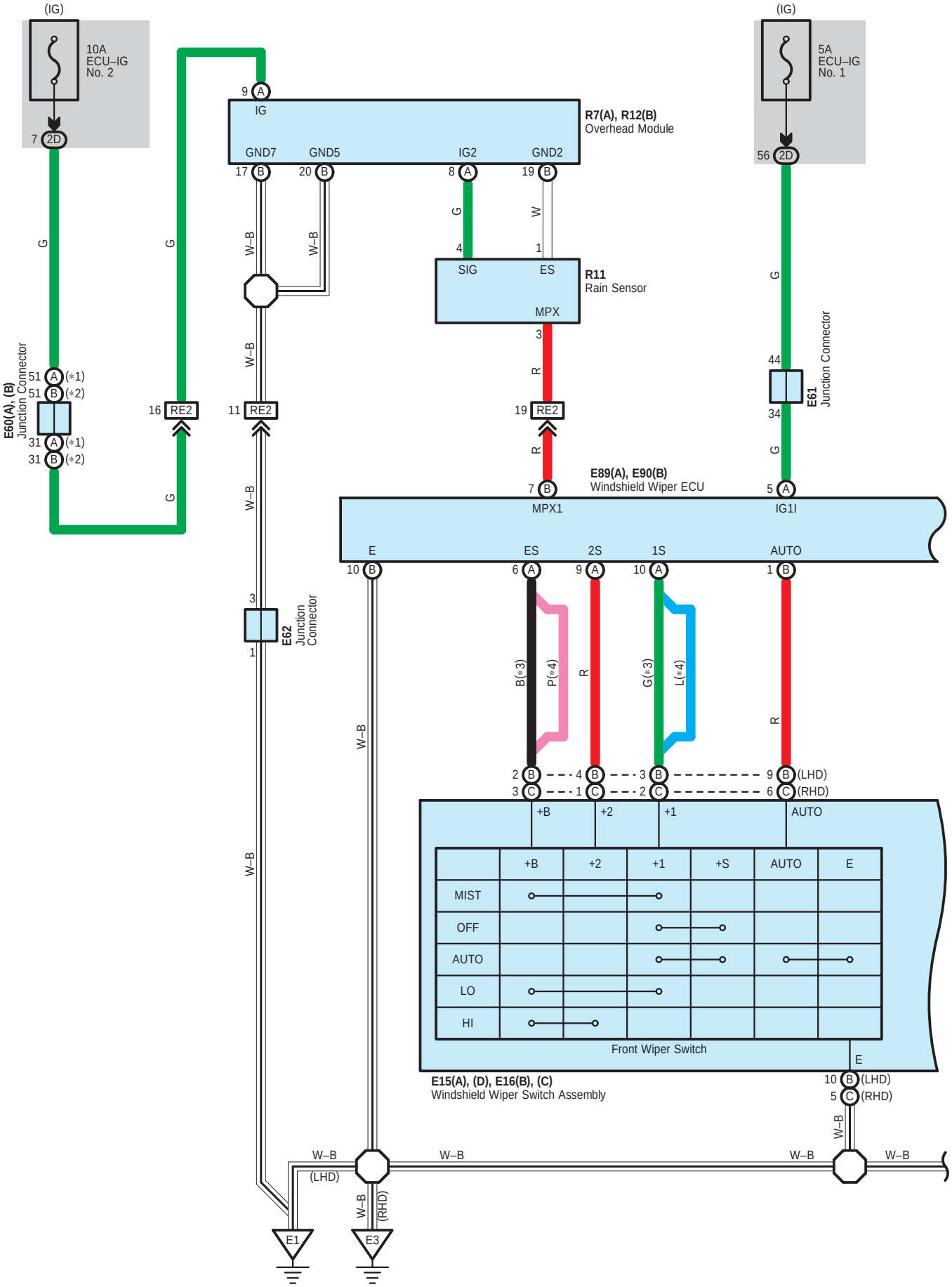


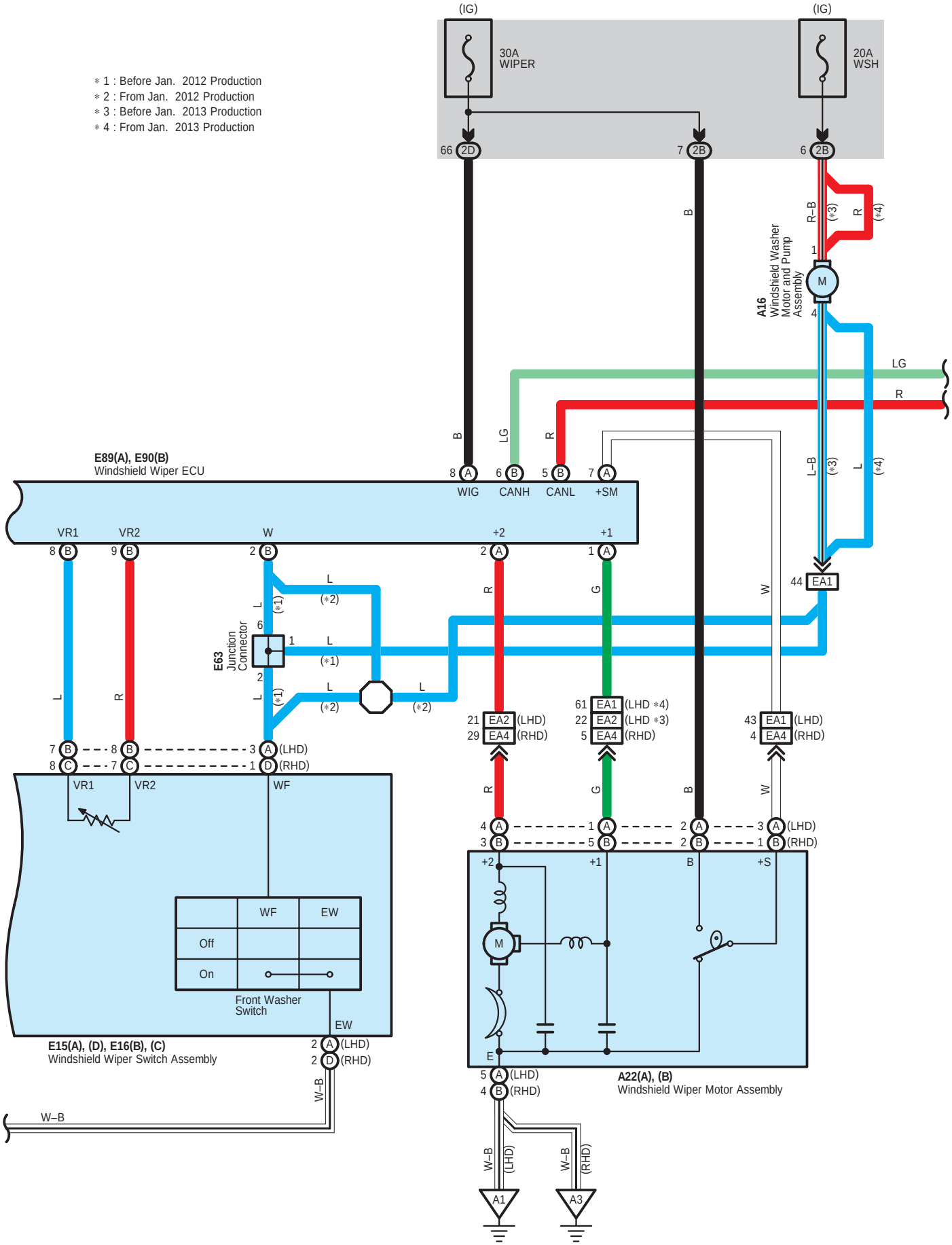

2B
White

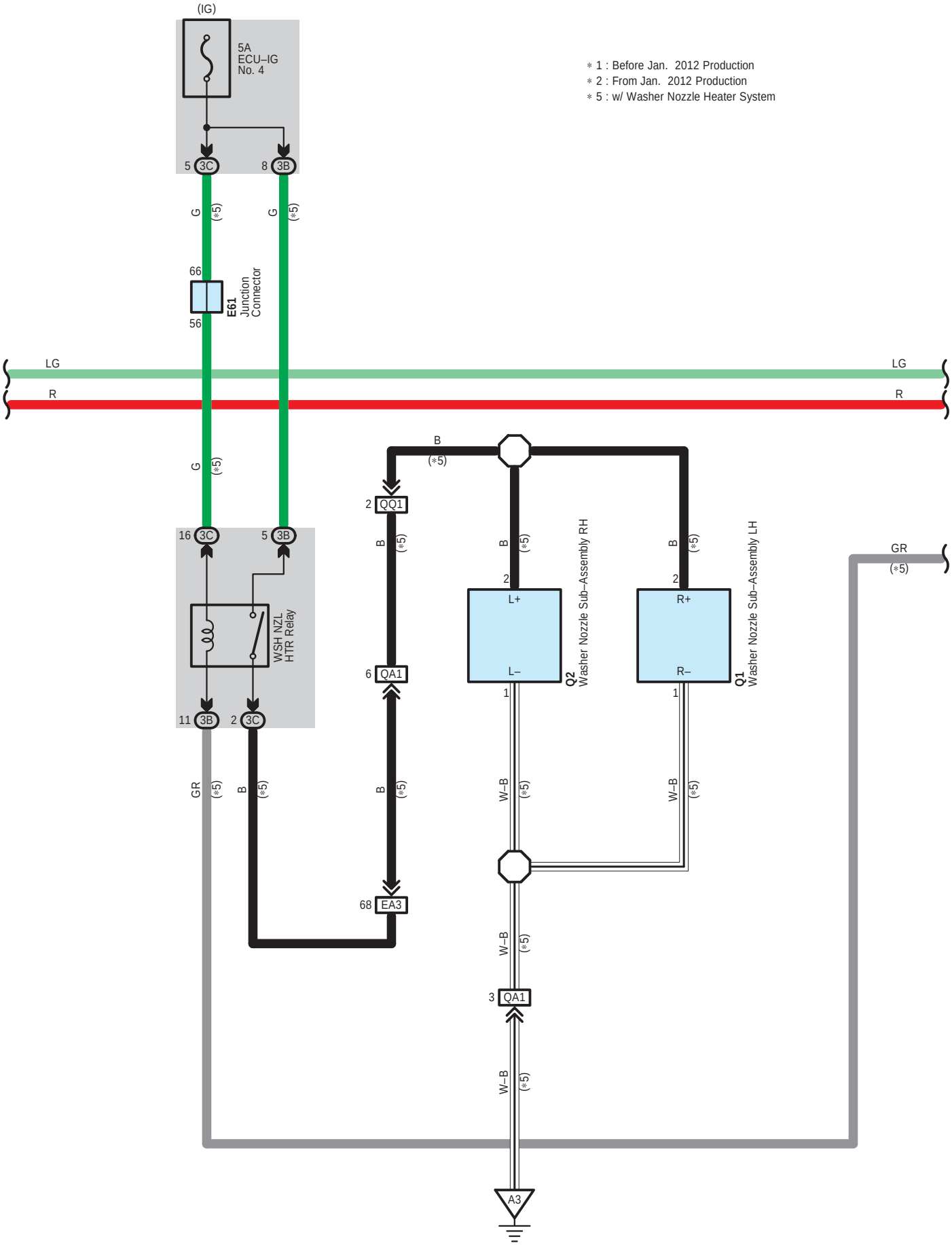


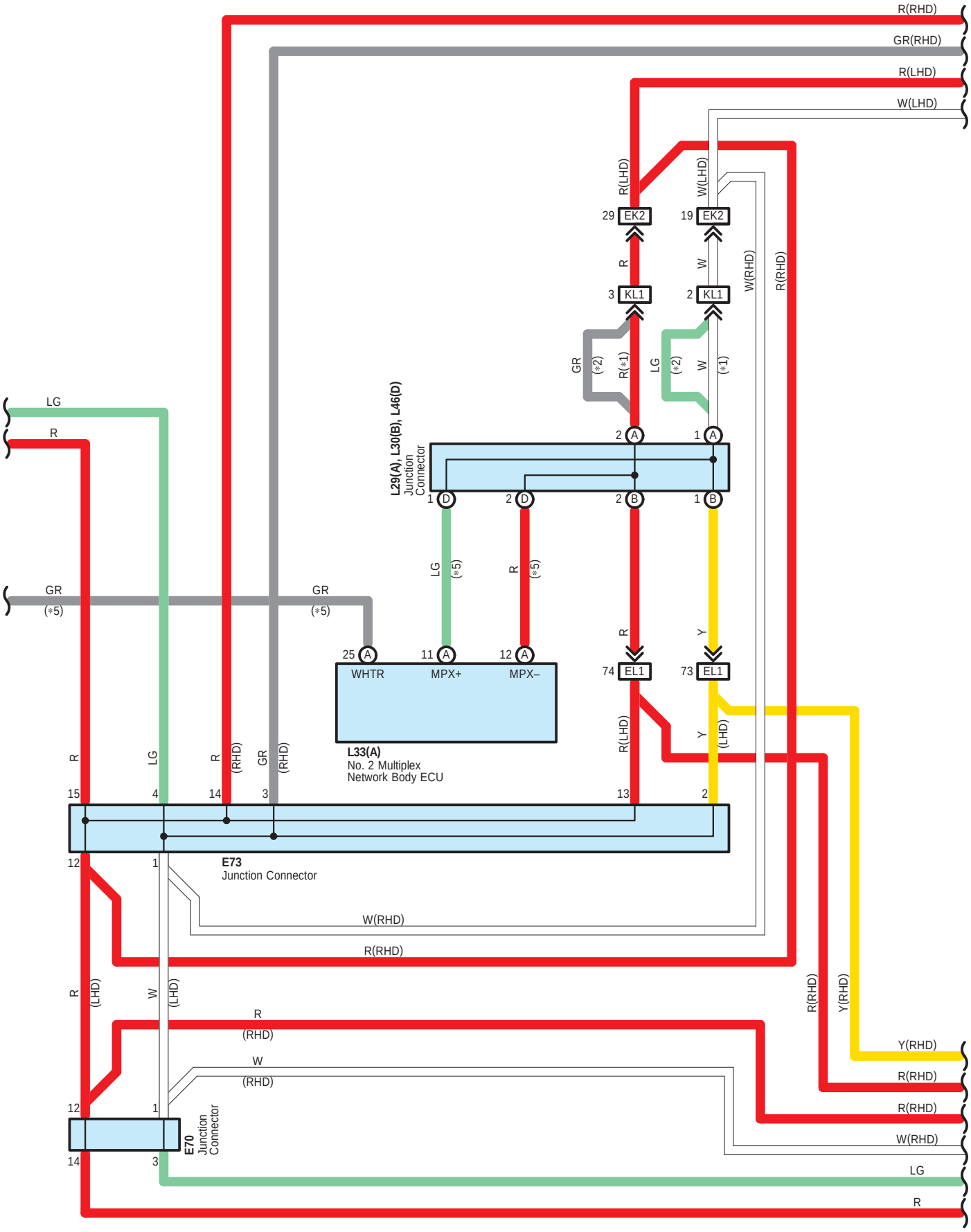

EA1
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7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

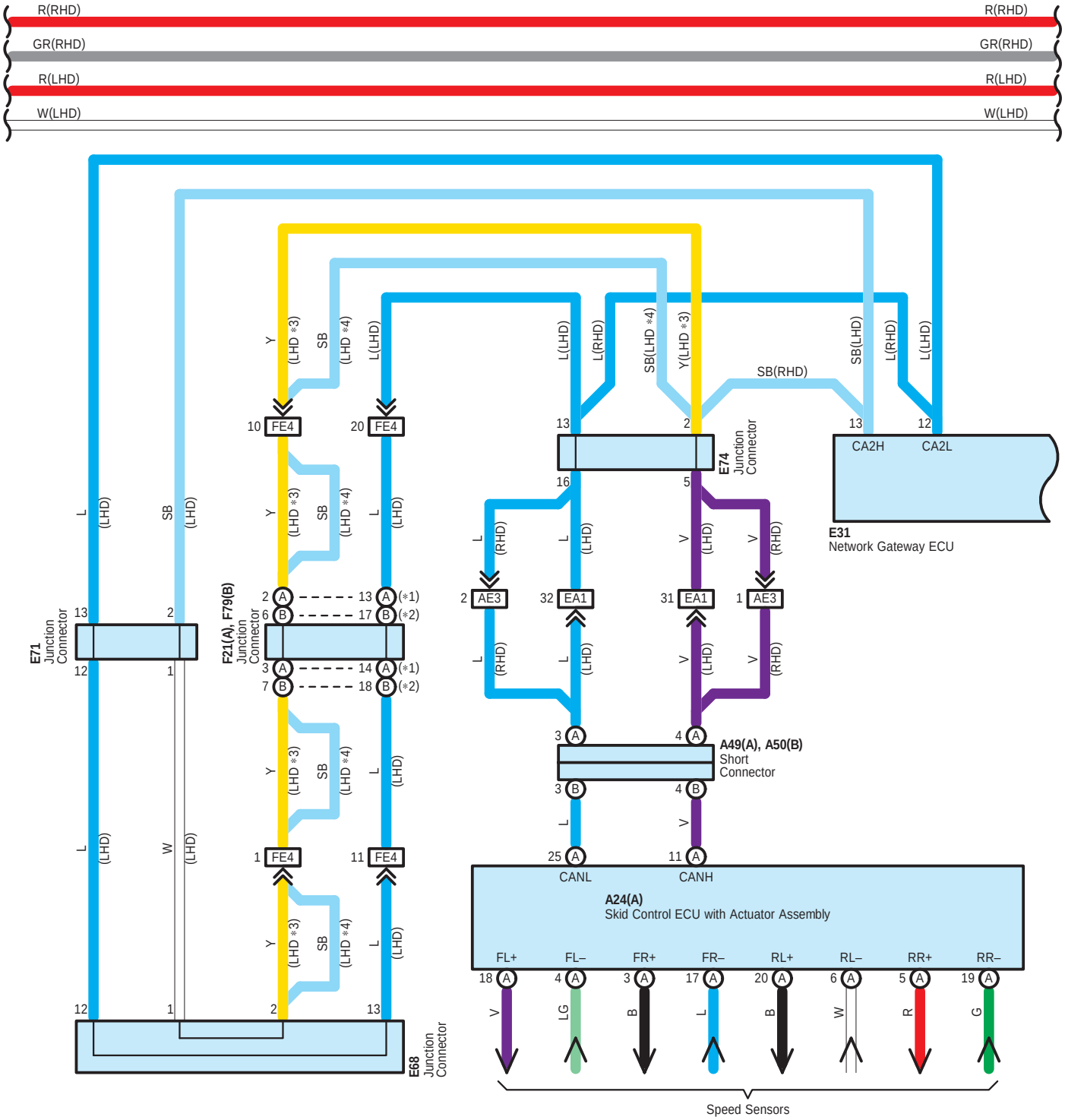

FE4
White
1 10
11 2 3 4 5 6 7 8 9 20
12 13 14 15 16 17 18 19
10 1
20 9 8 7 6 5 4 3 2 11
19 18 17 16 15 14 13 12

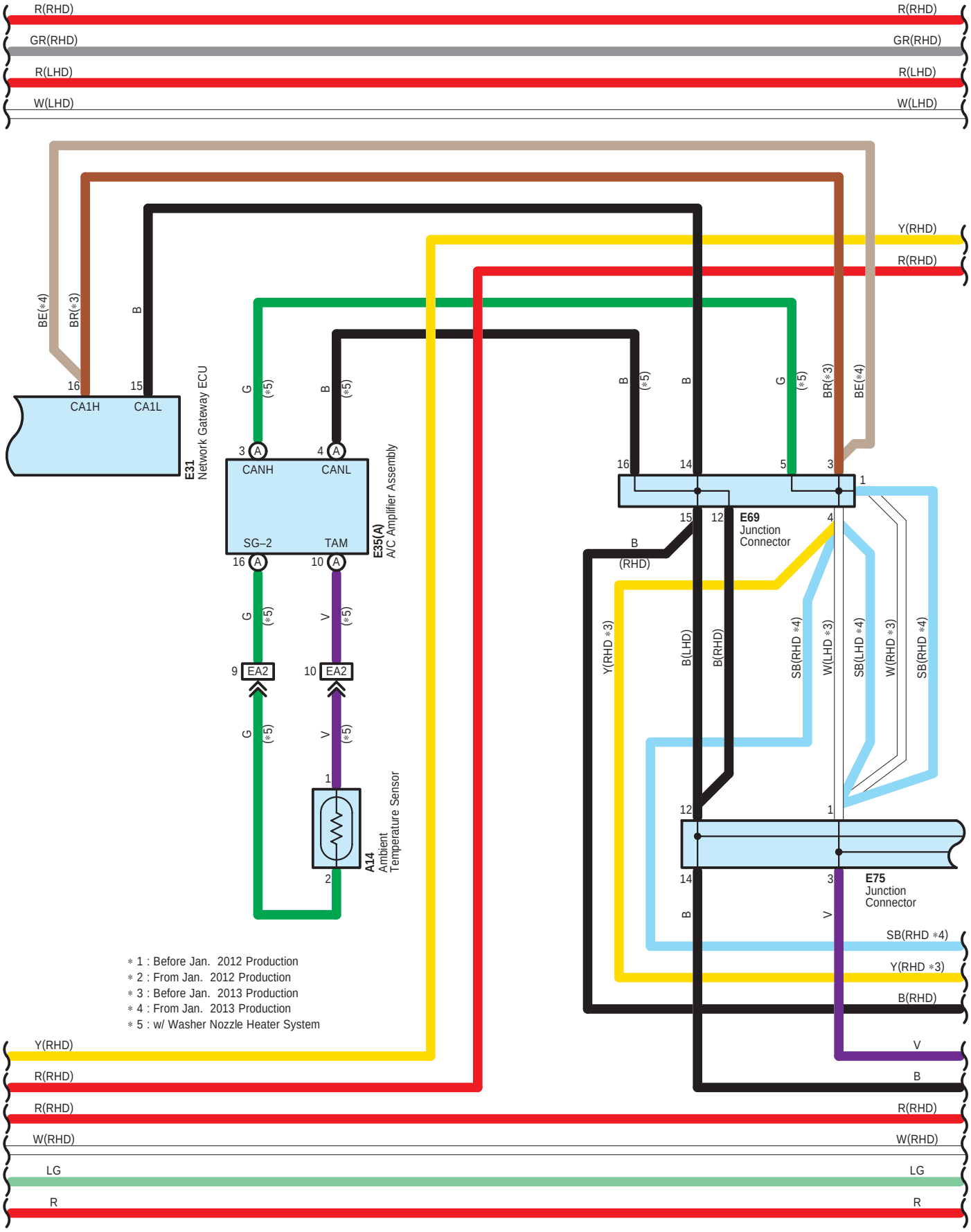

(IG)
10A
ECU–IG
No. 2
7 2D
(IG)
5A
ECU–IG
No. 1
56 2D
9 A
IG
R7(A), R12(B)
Overhead Module
GND7
GND5
IG2
GND2
17 B
20 B
8 A
19 B
G
W
W–B
W–B
4
1
SIG
ES
R11
Rain Sensor
MPX
3
R
19 RE2
G
G
G
W–B
W–B
16 RE2
11 RE2
44
E61
Junction Connector
34
E60(A), (B)
Junction Connector
51 A (*1)
51 B (*2)
31 A (*1)
31 B (*2)
R
7 B
E89(A), E90(B)
Windshield Wiper ECU
MPX1
5 A
IG1I
E
ES
2S
1S
AUTO
10 B
6 A
9 A
10 A
1 B
W–B
3
1
E62
Junction
Connector
B(*3)
P(*4)
R
G(*3)
L(*4)
R
2 B
3 C
4 B
1 C
3 B
2 C
9 B (LHD)
6 C (RHD)
+B
+2
+1
AUTO
+B
+2
+1
+S
AUTO
E
MIST
OFF
AUTO
LO
HI
Front Wiper Switch
E
E15(A), (D), E16(B), (C)
Windshield Wiper Switch Assembly
10 B (LHD)
5 C (RHD)
W–B
W–B
W–B
W–B
W–B
(LHD)
W–B
(RHD)
E1
E3

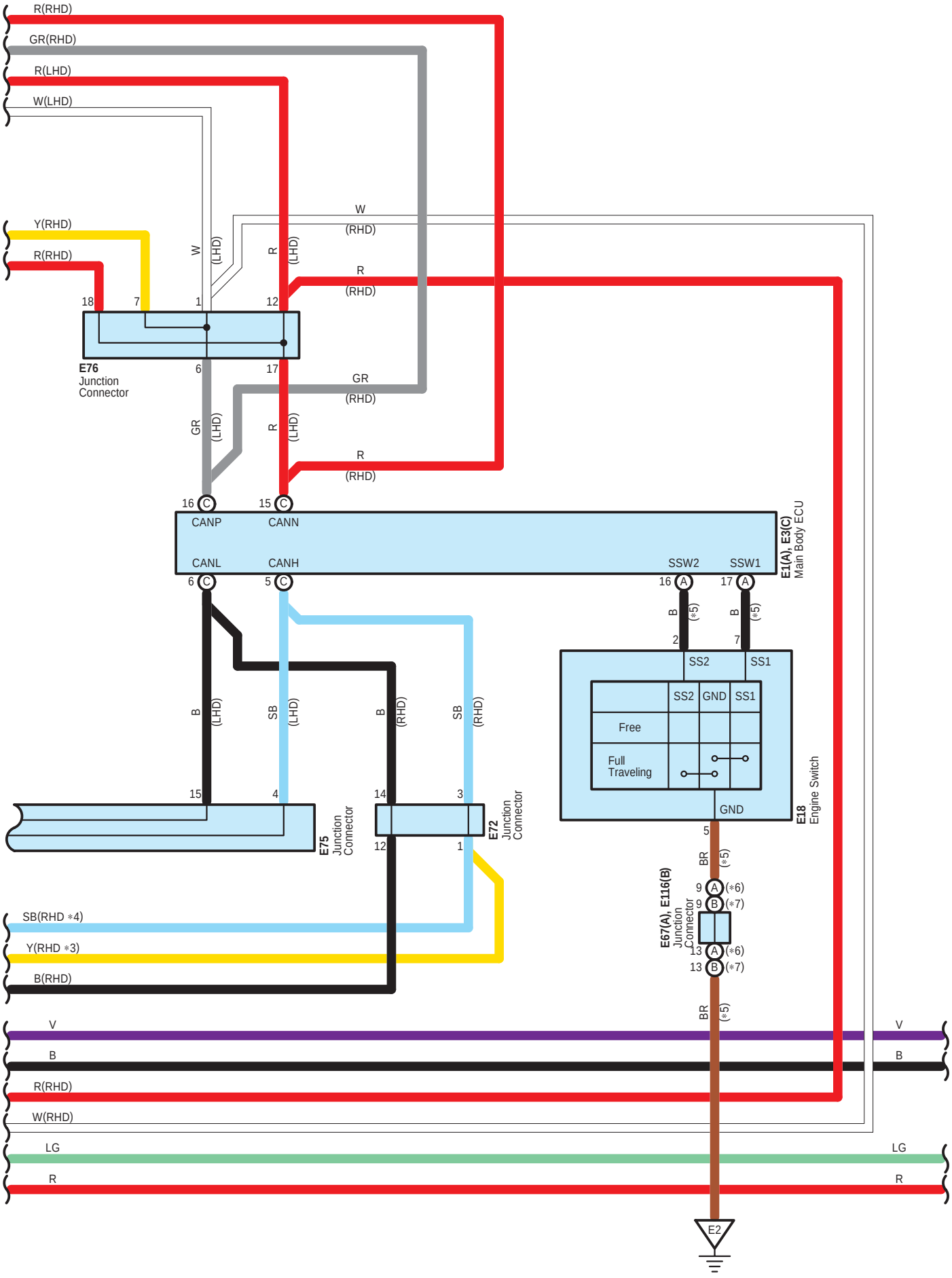

∗1 : Before Jan. 2012 Production
∗2 : From Jan. 2012 Production
∗3 : Before Jan. 2013 Production
∗4 : From Jan. 2013 Production
(IG)
30A WIPER
(IG)
20A WSH
66 2D
7 2B
6 2B
B
R–B (∗3)
R (∗4)
A16 Windshield Washer Motor and Pump Assembly
LG
R
L–B (∗3)
L (∗4)
E89(A), E90(B) Windshield Wiper ECU
8 A WIG
6 B CANH
5 B CANL
7 A +SM
VR1
VR2
W
+2
+1
8 B
9 B
2 B
2 A
1 A
L (∗1)
L (∗2)
E63 Junction Connector
6
1
2
44 EA1
21 EA2 (LHD)
29 EA4 (RHD)
61 EA1 (LHD ∗4)
22 EA2 (LHD ∗3)
5 EA4 (RHD)
43 EA1 (LHD)
4 EA4 (RHD)
7 B
8 C
8 B
7 C
3 A (LHD)
1 D (RHD)
VR1
VR2
WF
WF
EW
Off
On
Front Washer Switch
E15(A), (D), E16(B), (C) Windshield Wiper Switch Assembly
2 A (LHD)
2 D (RHD)
W–B
4 A
3 B
1 A
5 B
2 A
2 B
3 A (LHD)
1 B (RHD)
+2
+1
B
+S
M
E
5 A (LHD)
4 B (RHD)
A22(A), (B) Windshield Wiper Motor Assembly
W–B (LHD)
W–B (RHD)
A1
A3

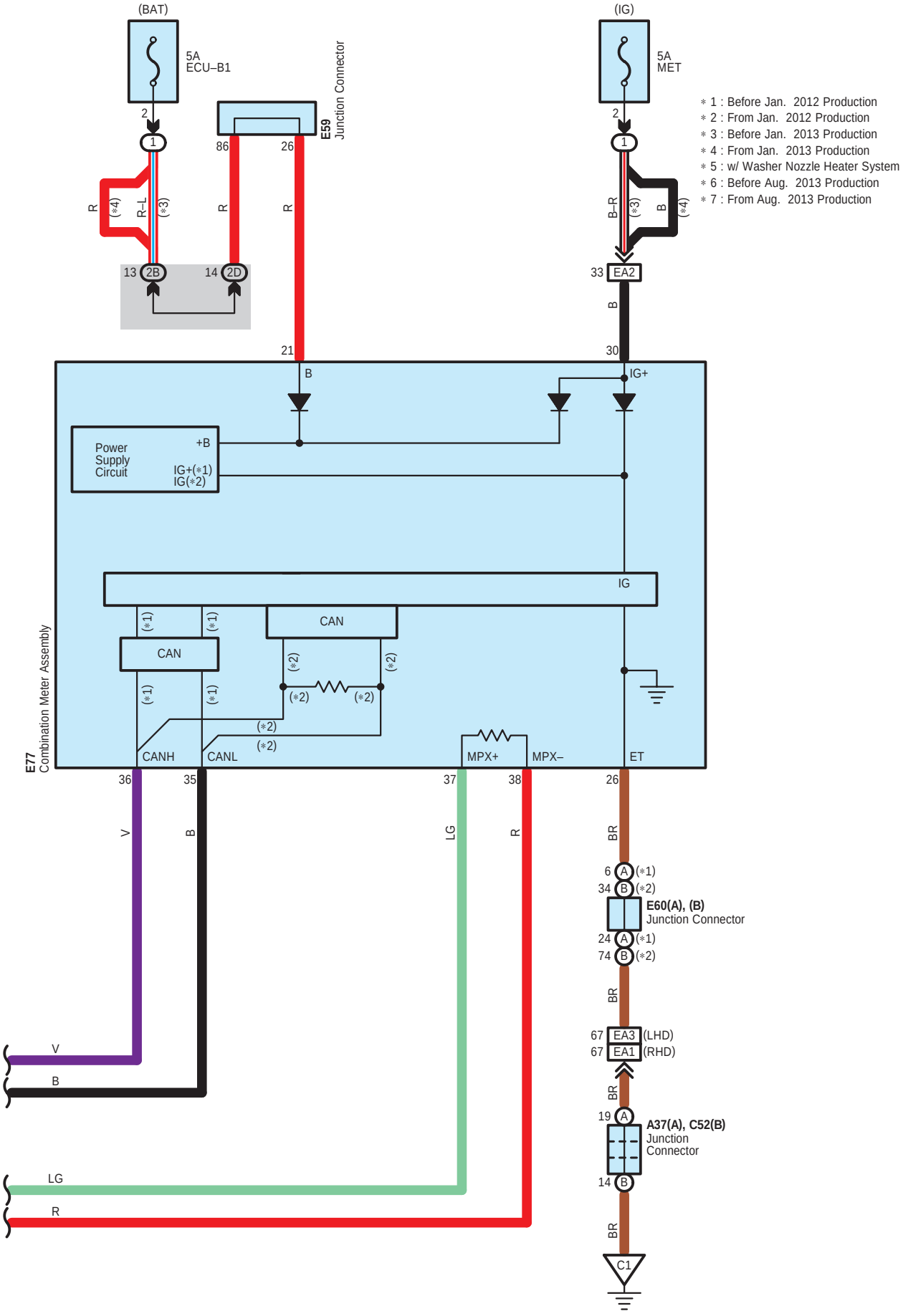

(IG)
5A
ECU–IG
No. 4
5 3C
8 3B
G (*5)
G (*5)
66
E61
Junction
Connector
56
LG
R
LG
R
G (*5)
16 3C
5 3B
WSH NZL
HTR Relay
11 3B
2 3C
GR (*5)
B (*5)
B (*5)
2 QQ1
B (*5)
6 QA1
B (*5)
68 EA3
B (*5)
B (*5)
2
L+
L–
Q2
Washer Nozzle Sub–Assembly RH
1
W–B (*5)
B (*5)
2
R+
R–
Q1
Washer Nozzle Sub–Assembly LH
1
W–B (*5)
W–B (*5)
3 QA1
W–B (*5)
A3
GR
(*5)
*1 : Before Jan. 2012 Production
*2 : From Jan. 2012 Production
*5 : w/ Washer Nozzle Heater System


R(RHD)
GR(RHD)
R(LHD)
W(LHD)
R(LHD)
W(LHD)
29 EK2
19 EK2
R
W
3 KL1
2 KL1
W(RHD)
R(RHD)
GR
(*2)
R(*1)
LG
(*2)
W
(*1)
LG
R
L29(A), L30(B), L46(D)
Junction Connector
2 A
1 A
1 D
2 D
2 B
1 B
LG
(*5)
R
(*5)
GR
(*5)
GR
(*5)
25 A
11 A
12 A
WHTR
MPX+
MPX–
L33(A)
No. 2 Multiplex
Network Body ECU
R
Y
74 EL1
73 EL1
R(LHD)
Y
(LHD)
R
LG
R
(RHD)
GR
(RHD)
15
4
14
3
13
2
12
1
E73
Junction Connector
W(RHD)
R(RHD)
R
(LHD)
W
(LHD)
R
(RHD)
W
(RHD)
R(RHD)
Y(RHD)
Y(RHD)
R(RHD)
R(RHD)
W(RHD)
LG
R
12
1
14
3
E70
Junction
Connector


R(RHD)
GR(RHD)
R(LHD)
W(LHD)
Y(LHD *3)
SB(LHD *4)
L(LHD)
L(RHD)
SB(LHD *4)
Y(LHD *3)
SB(RHD)
SB(LHD)
L(RHD)
L(LHD)
E71
Junction Connector
F21(A), F79(B)
Junction Connector
E68
Junction Connector
E74
Junction Connector
E31
Network Gateway ECU
CA2H
CA2L
AE3
EA1
A49(A), A50(B)
Short Connector
A24(A)
Skid Control ECU with Actuator Assembly
CANL
CANH
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
Speed Sensors
Y(RHD)
R(RHD)
W(RHD)
LG
R


R(RHD)
GR(RHD)
R(LHD)
W(LHD)
BE(∗4)
BR(∗3)
B
16
15
CA1H
CA1L
E31
Network Gateway ECU
G
(∗5)
B
(∗5)
3
4
CANH
CANL
SG–2
TAM
16
10
E35(A)
A/C Amplifier Assembly
G
(∗5)
V
(∗5)
9
10
EA2
EA2
G
(∗5)
V
(∗5)
1
2
A14
Ambient
Temperature Sensor
B
(∗5)
B
G
(∗5)
BR(∗3)
BE(∗4)
16
14
5
3
1
15
12
4
E69
Junction
Connector
B
(RHD)
Y(RHD ∗3)
B(LHD)
B(RHD)
SB(RHD ∗4)
W(LHD ∗3)
SB(LHD ∗4)
W(RHD ∗3)
SB(RHD ∗4)
12
1
14
3
B
V
E75
Junction
Connector
SB(RHD ∗4)
Y(RHD ∗3)
B(RHD)
V
B
Y(RHD)
R(RHD)
R(RHD)
W(RHD)
LG
R
R(RHD)
GR(RHD)
R(LHD)
W(LHD)
R(RHD)
W(RHD)
LG
R
∗ 1 : Before Jan. 2012 Production
∗ 2 : From Jan. 2012 Production
∗ 3 : Before Jan. 2013 Production
∗ 4 : From Jan. 2013 Production
∗ 5 : w/ Washer Nozzle Heater System

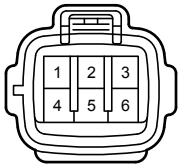

R(RHD)
GR(RHD)
R(LHD)
W(LHD)
Y(RHD)
R(RHD)
W (LHD)
R (LHD)
W (RHD)
R (RHD)
18
7
1
12
E76
Junction Connector
6
17
GR (RHD)
GR (LHD)
R (LHD)
R (RHD)
16 C
15 C
CANP
CANN
CANL
CANH
SSW2
SSW1
E1(A), E3(C)
Main Body ECU
6 C
5 C
16 A
17 A
B (*5)
2
7
SS2
SS1
SS2
GND
SS1
Free
Full Traveling
GND
E18
Engine Switch
B (LHD)
SB (LHD)
B (RHD)
SB (RHD)
15
4
14
3
12
1
E75
Junction Connector
E72
Junction Connector
5
BR (*5)
9 A (*6)
9 B (*7)
13 A (*6)
13 B (*7)
E67(A), E116(B)
Junction Connector
SB(RHD *4)
Y(RHD *3)
B(RHD)
V
B
R(RHD)
W(RHD)
LG
R
E2


(BAT)
5A
ECU–B1
2
1
R
(*4)
R–L
(*3)
13
2B
E59
Junction Connector
86
26
R
R
14
2D
21
B
(IG)
5A
MET
2
1
B–R
(*3)
B
(*4)
33
EA2
B
30
IG+
Power
Supply
Circuit
+B
IG+(*1)
IG(*2)
IG
CAN
CAN
(*1)
(*2)
E77
Combination Meter Assembly
CANH
CANL
MPX+
MPX–
ET
36
35
37
38
26
V
B
LG
R
BR
6
A
(*1)
34
B
(*2)
E60(A), (B)
Junction Connector
24
A
(*1)
74
B
(*2)
67
EA3
(LHD)
67
EA1
(RHD)
19
A
A37(A), C52(B)
Junction
Connector
14
B
C1
V
B
LG
R
* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production
* 3 : Before Jan. 2013 Production
* 4 : From Jan. 2013 Production
* 5 : w/ Washer Nozzle Heater System
* 6 : Before Aug. 2013 Production
* 7 : From Aug. 2013 Production

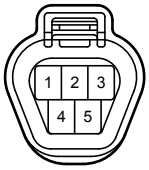
A 14
Black



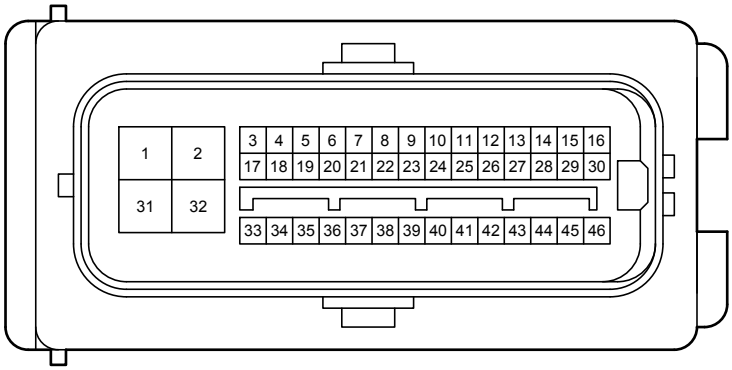

A 16
Gray



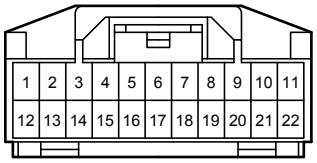

A 22
Black




A 24
Black



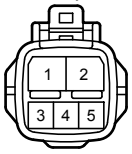

A 37
Blue



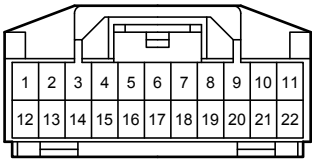

A 49
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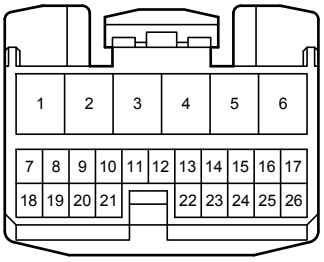

A 50
Gray



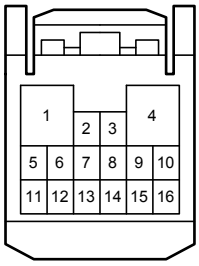

C 52
Blue



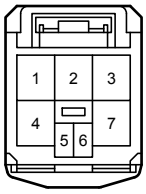

E 1
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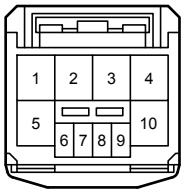

E 3
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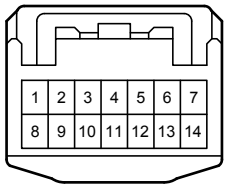

E 15
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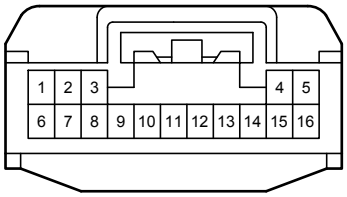

E 16
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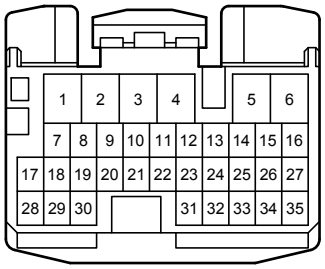

E 18
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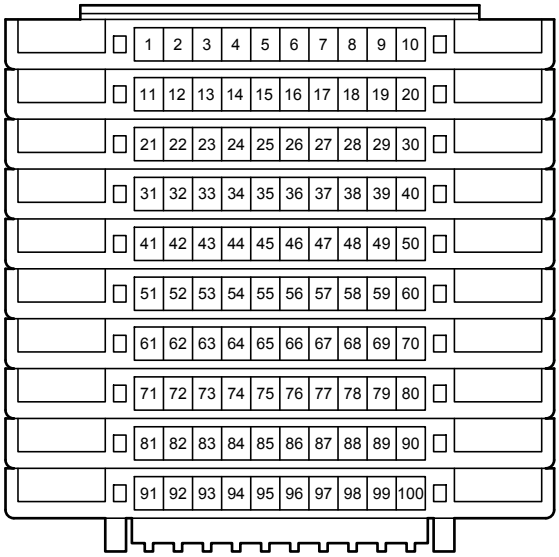

E 31
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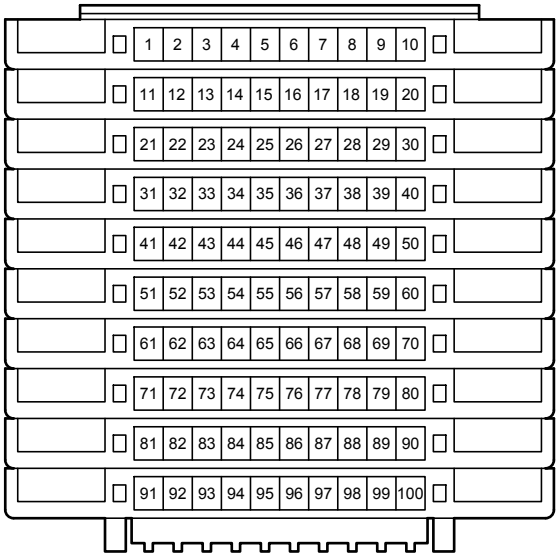

E 35
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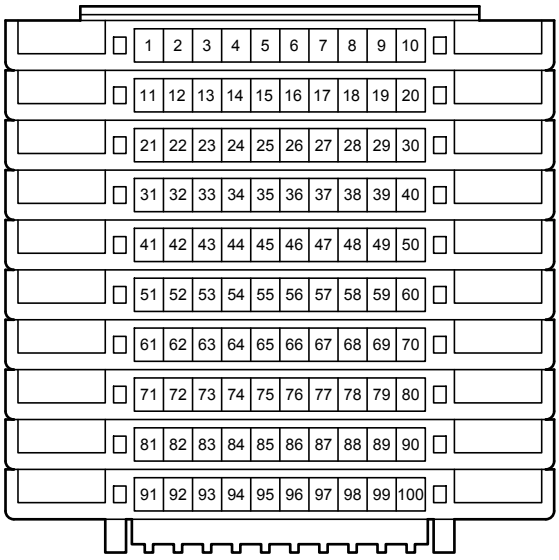
E 59
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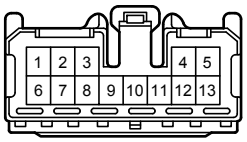

E 60
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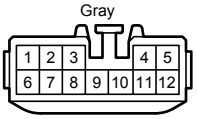

E 61
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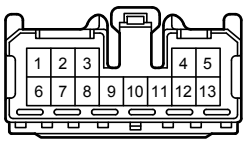

E 62
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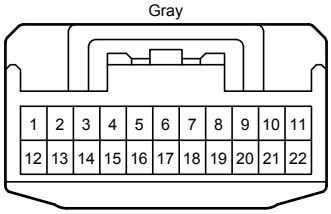

E 63
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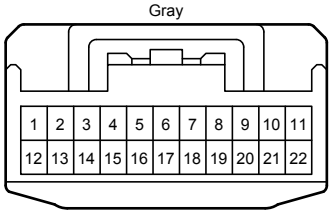

E 67
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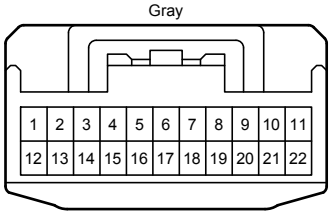

E 68
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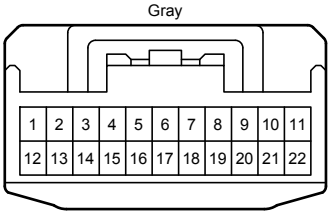

E 69
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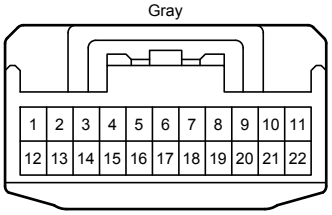

E 70
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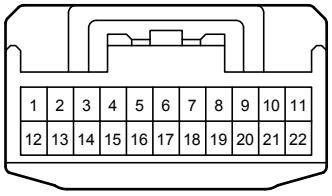

E 71
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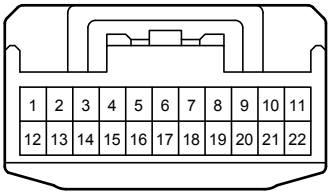

E 72
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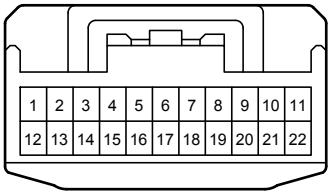
E 73
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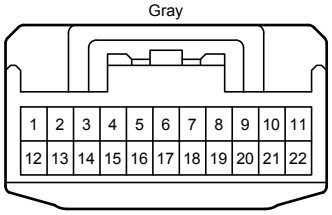

E 74
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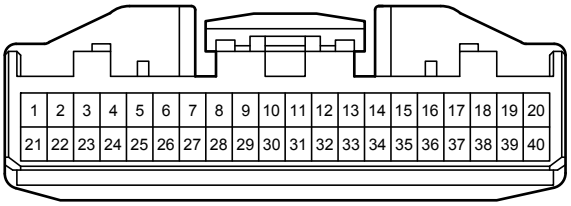

E 75
Gray



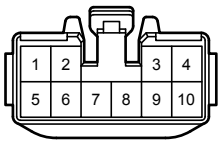

E 76
Gray



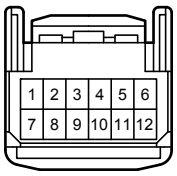

E 77
White



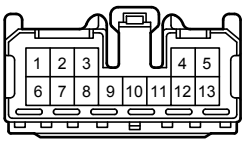

E 89
Blue



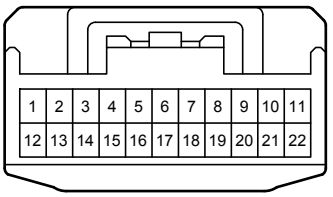

E 90
White



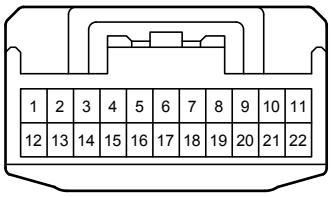

E116
White



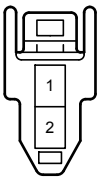

F 21
Black



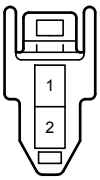

F 79
White



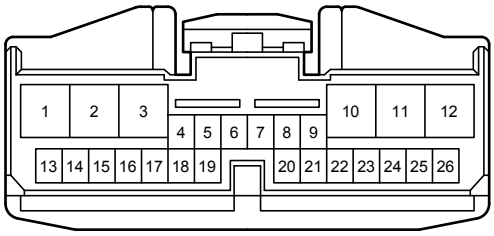

L 29
White



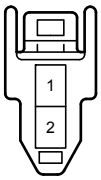

L 30
White



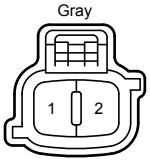

L 33
White



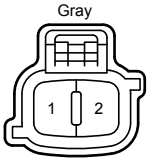

L 46
White



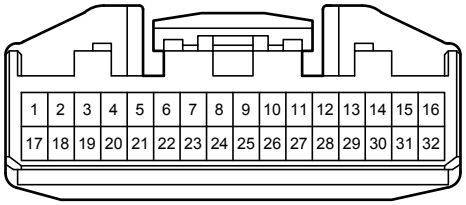

Q 1
Gray



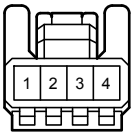

Q 2
Gray



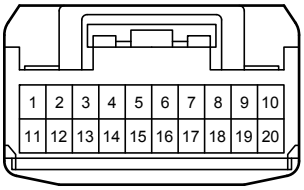

R 7
White



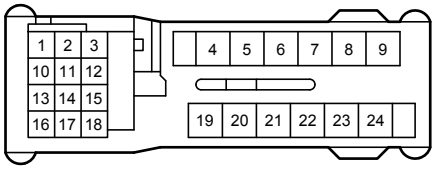

R 11
Black



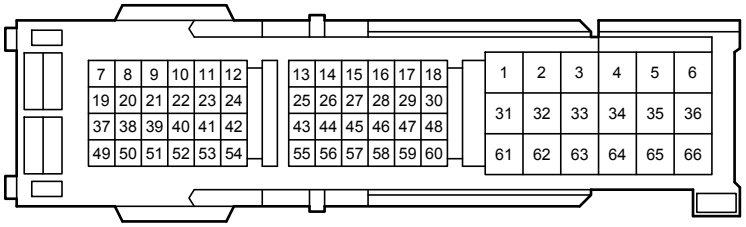

R 12
White



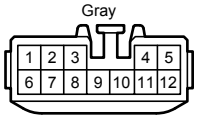
2B
White



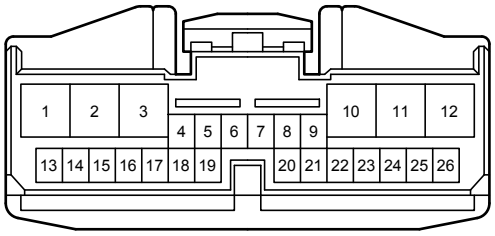

2D
White



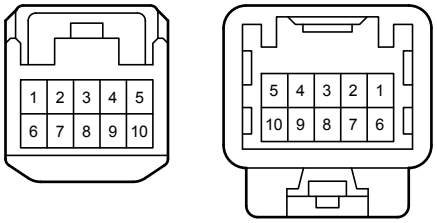

3B
Gray



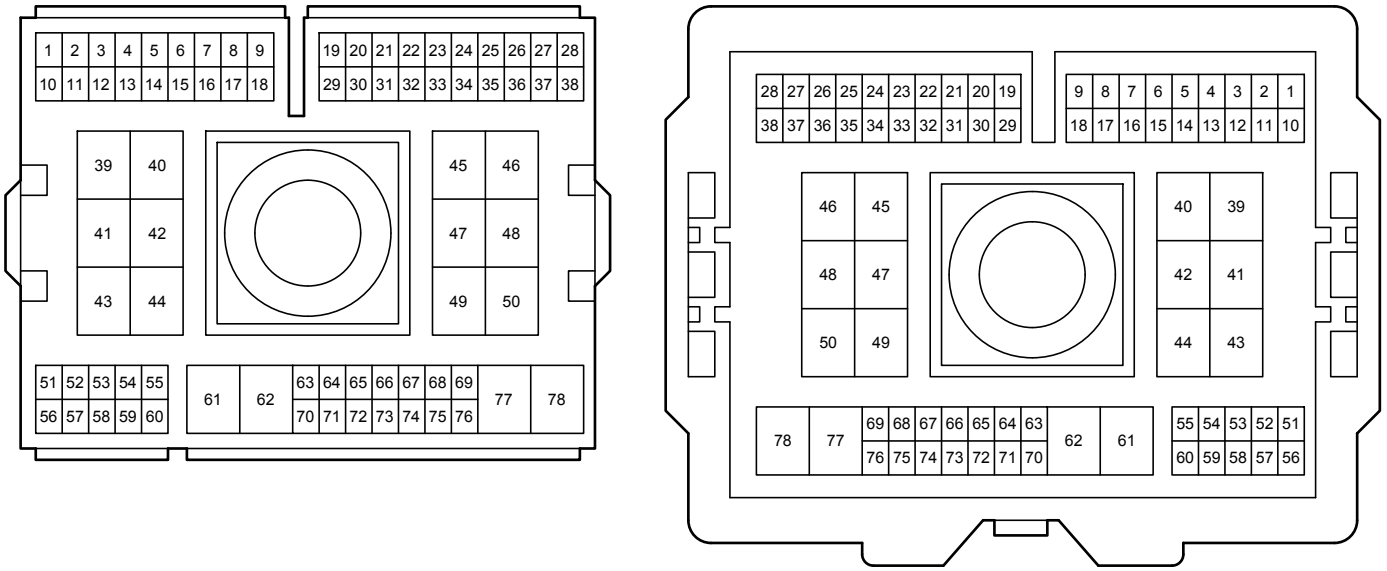

3C
White




AE3
Gray

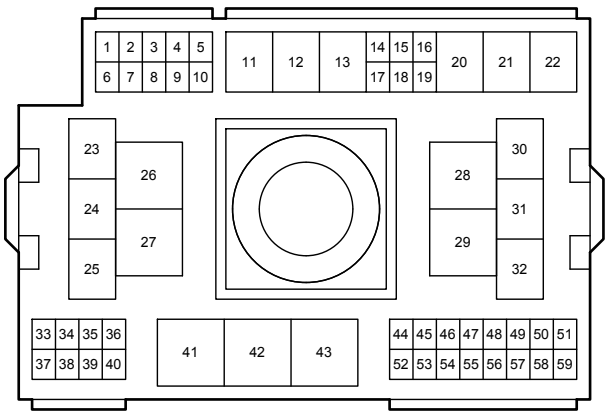



EA1
White

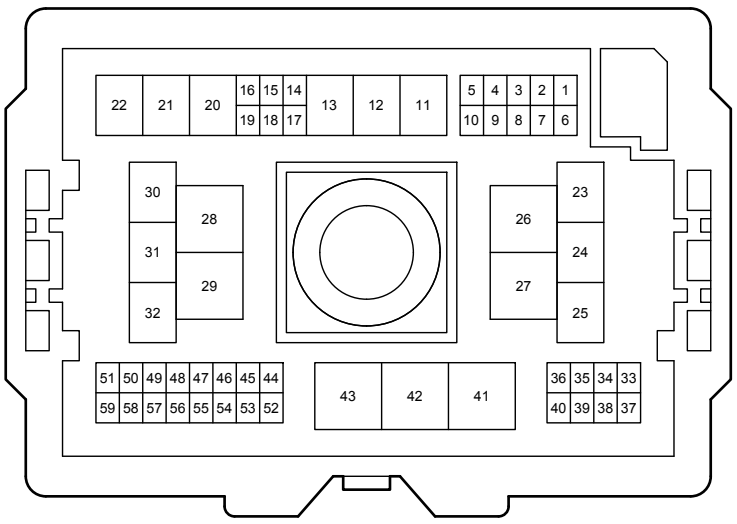


EA2

White

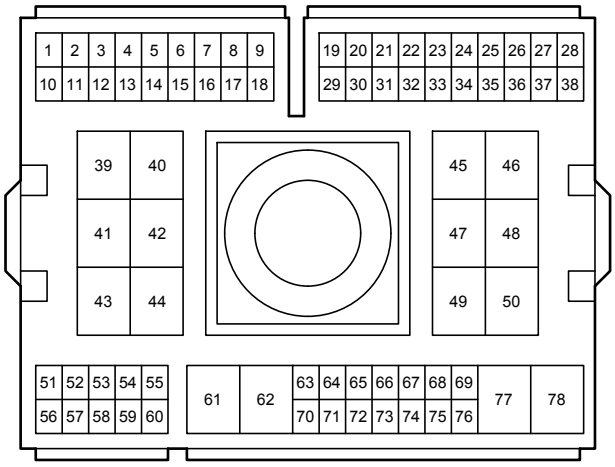


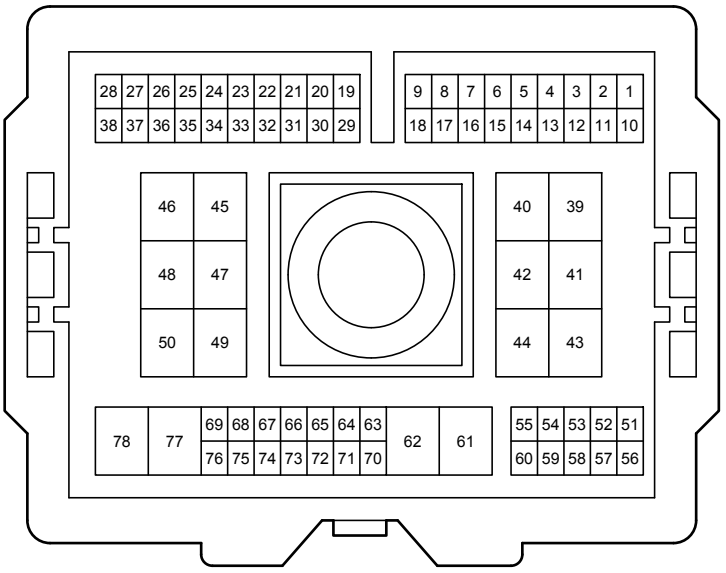

Gray




EA3

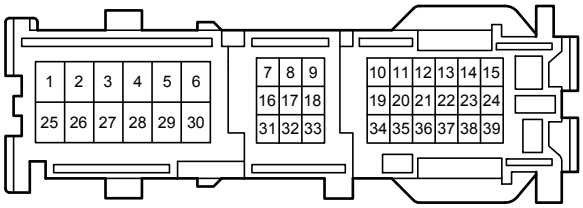
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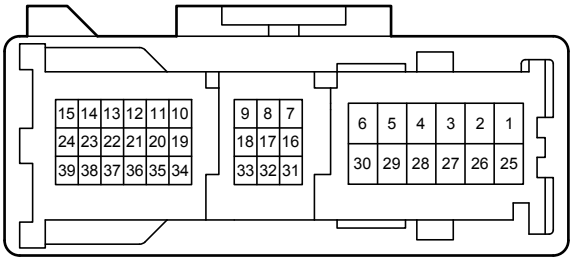


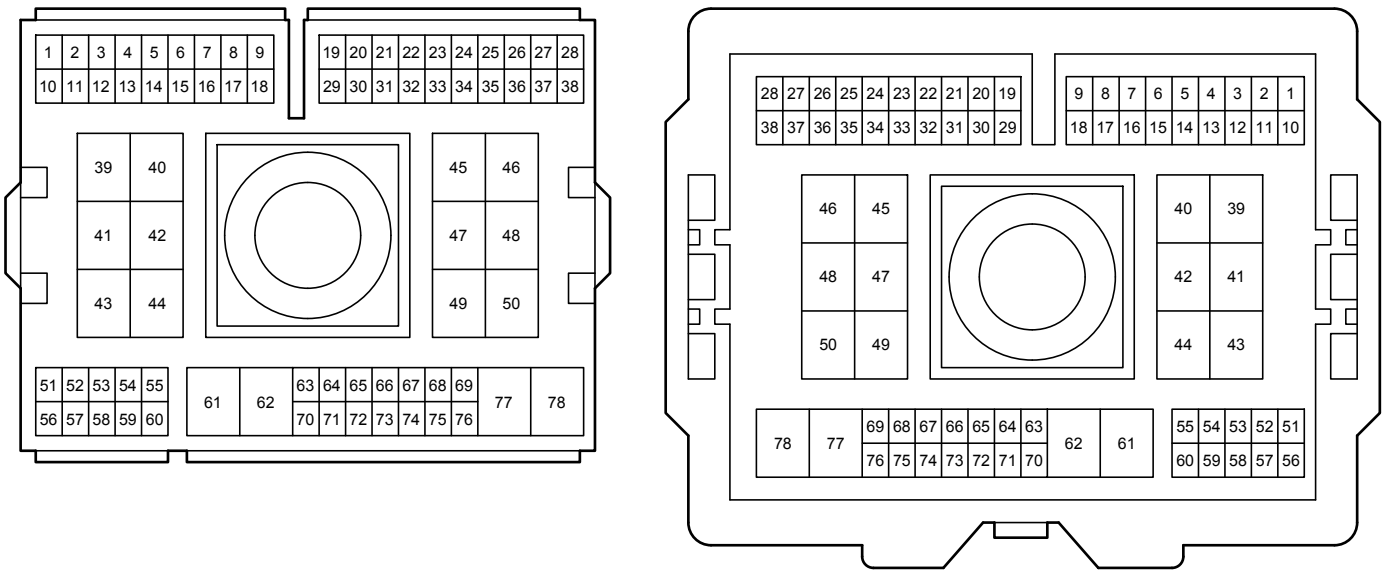

EA4

White

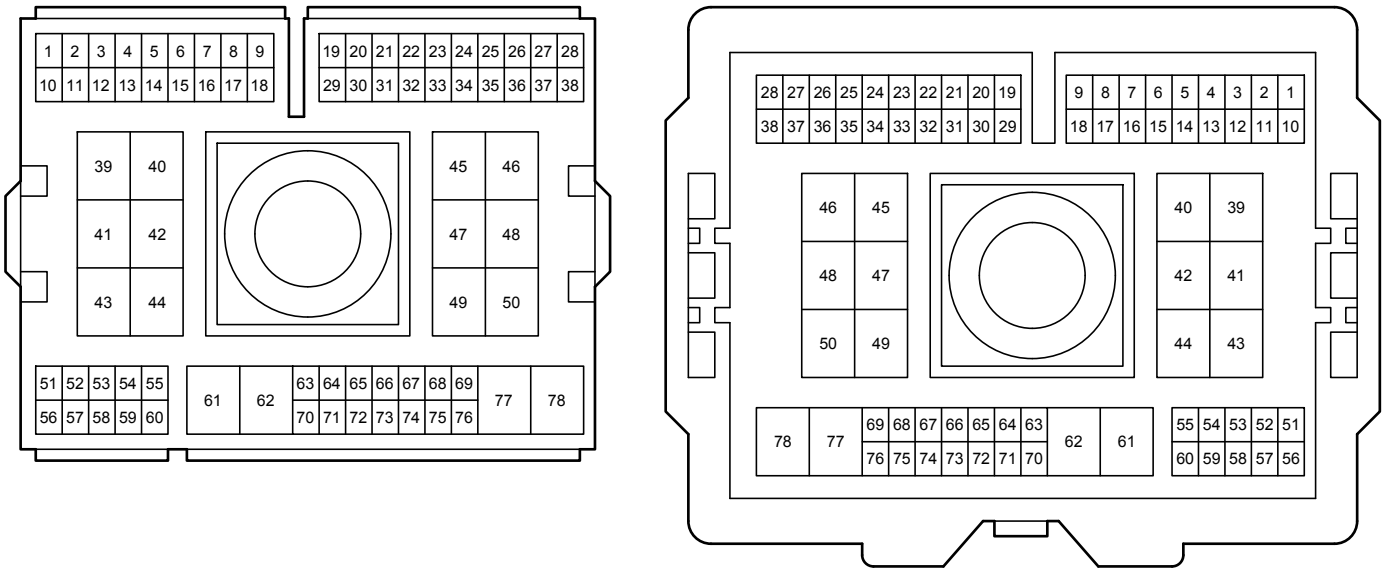


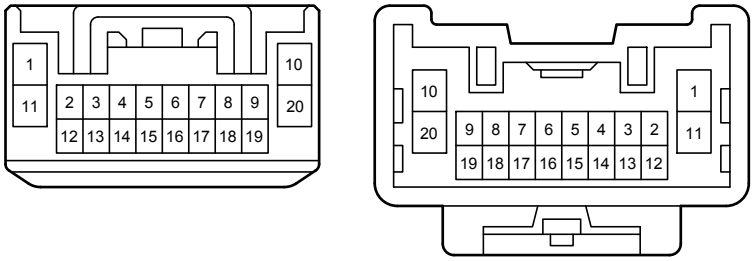
EK2
White

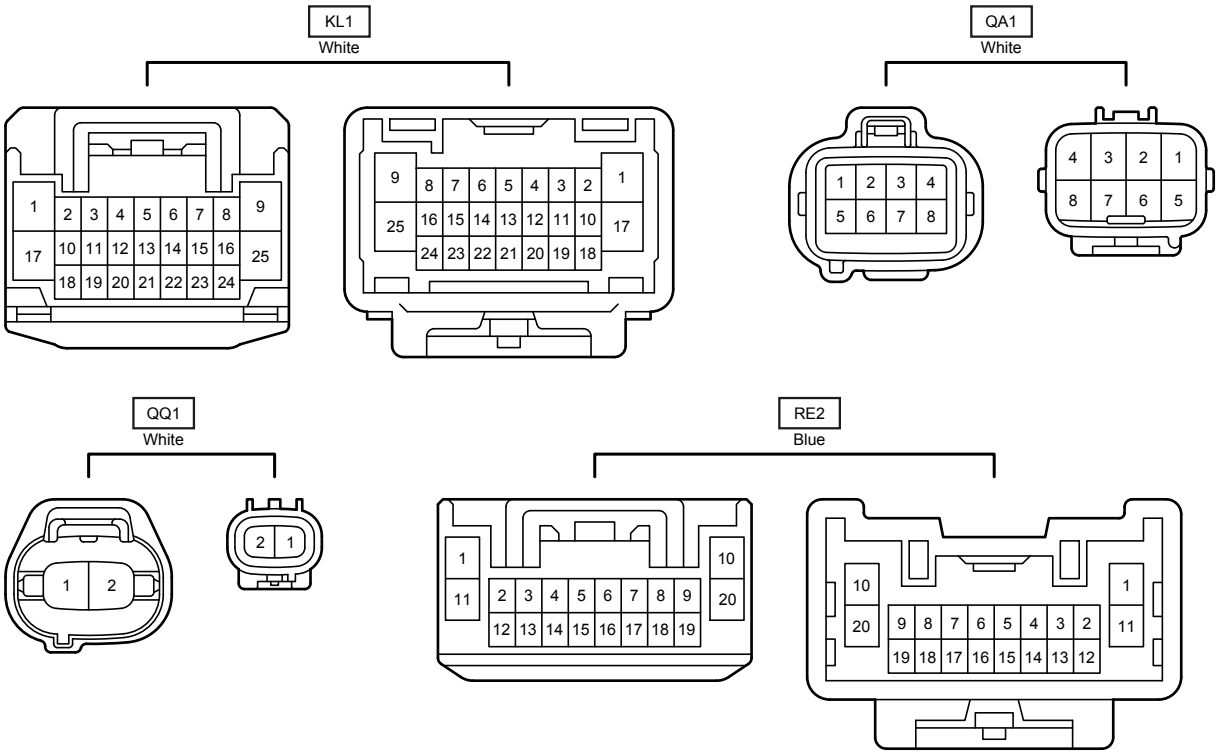


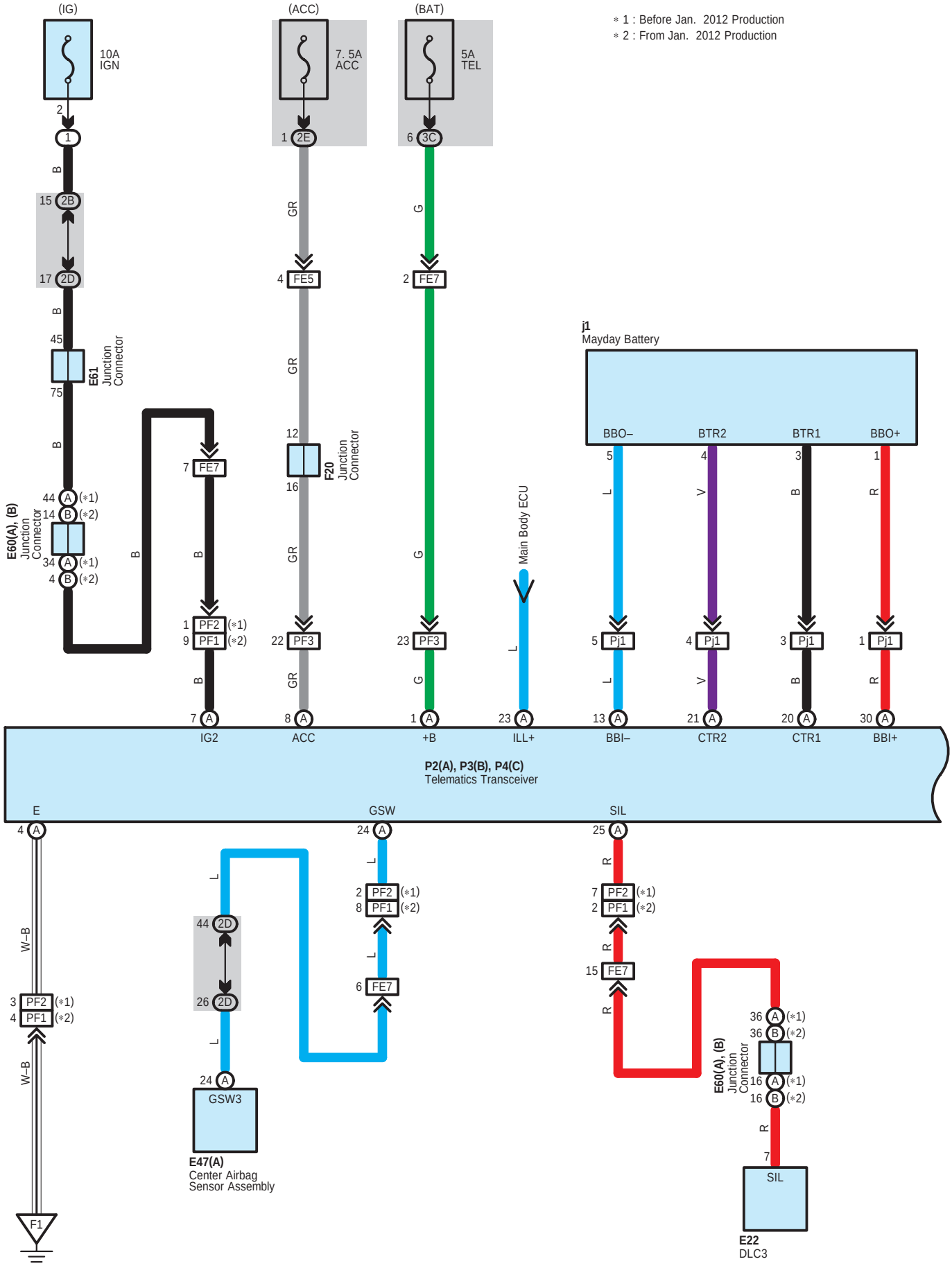

EL1
White

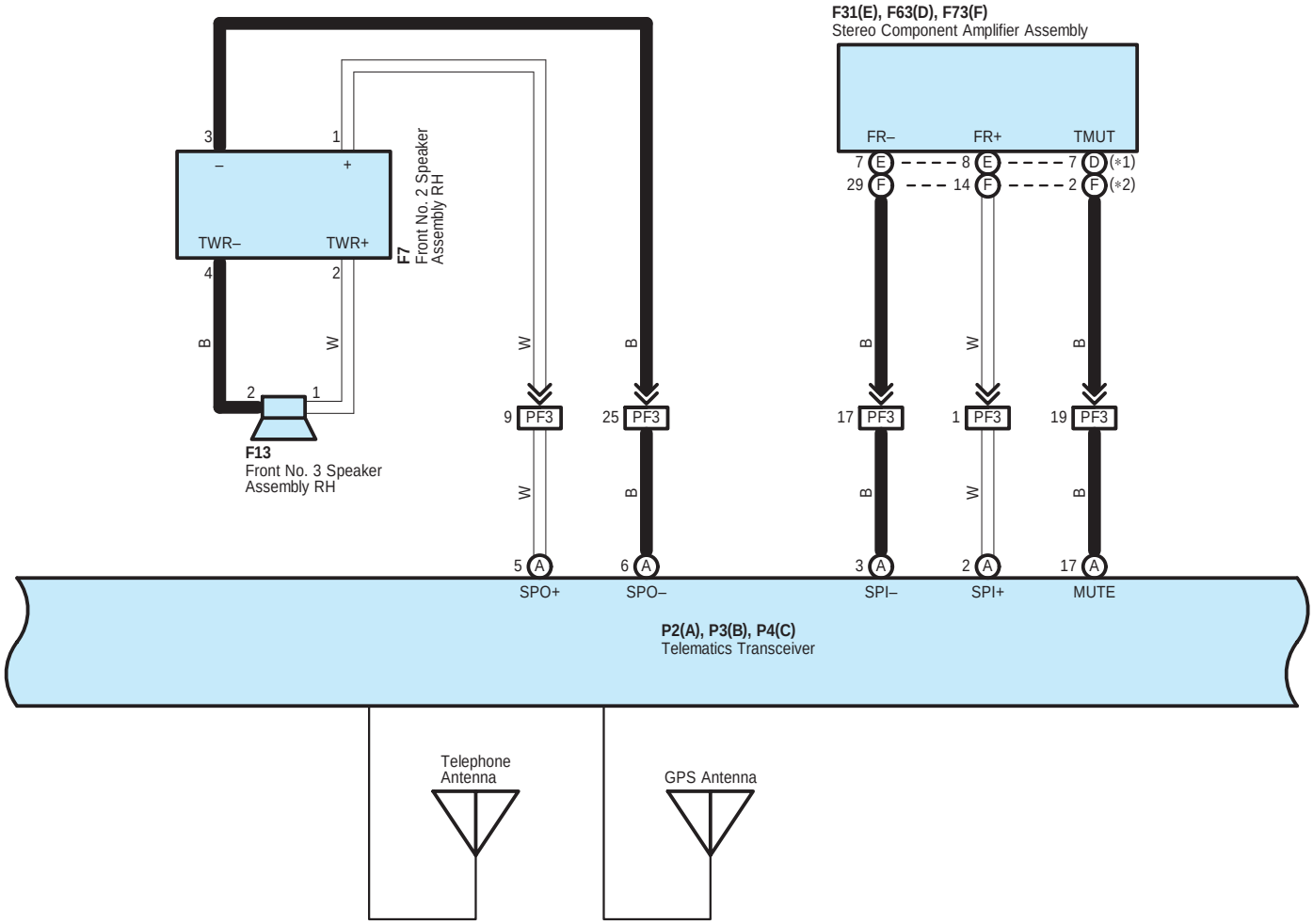



FE4
White

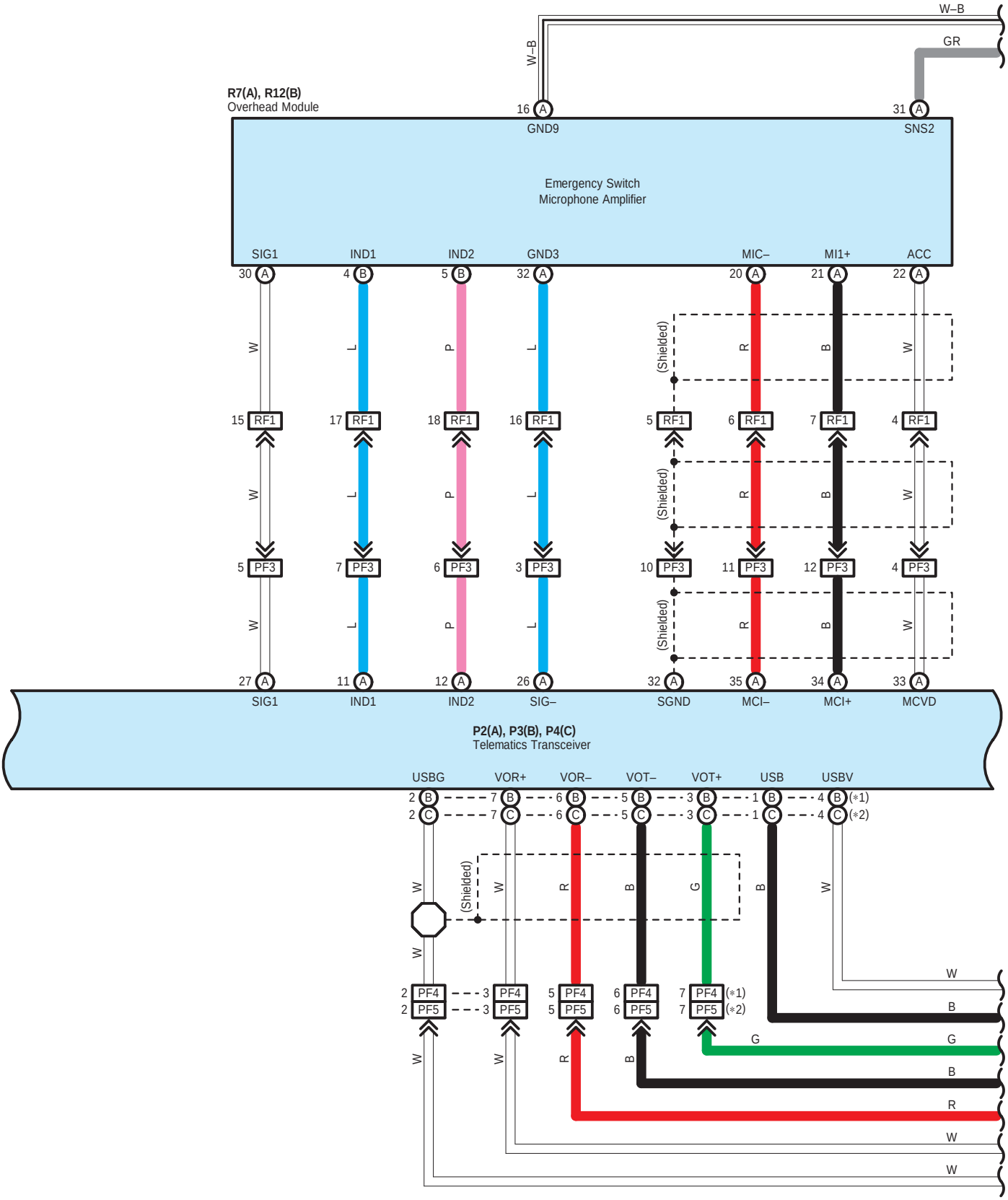


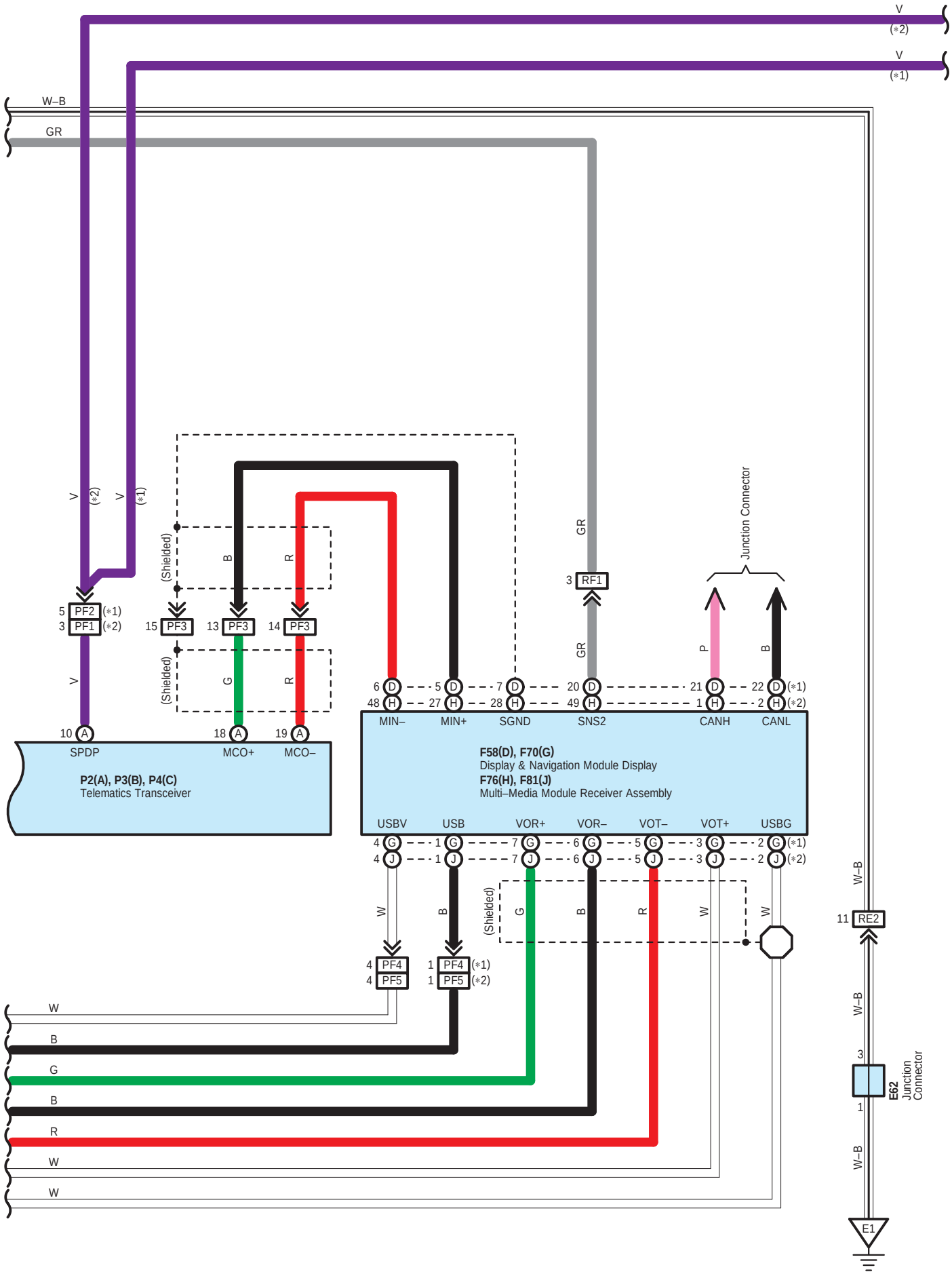

KL1
White
1 2 3 4 5 6 7 8 9
17 10 11 12 13 14 15 16 25
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18
QA1
White
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5
QQ1
White
1 2
2 1
RE2
Blue
1 10
11 2 3 4 5 6 7 8 9 20
12 13 14 15 16 17 18 19
10 1
20 9 8 7 6 5 4 3 2 11
19 18 17 16 15 14 13 12

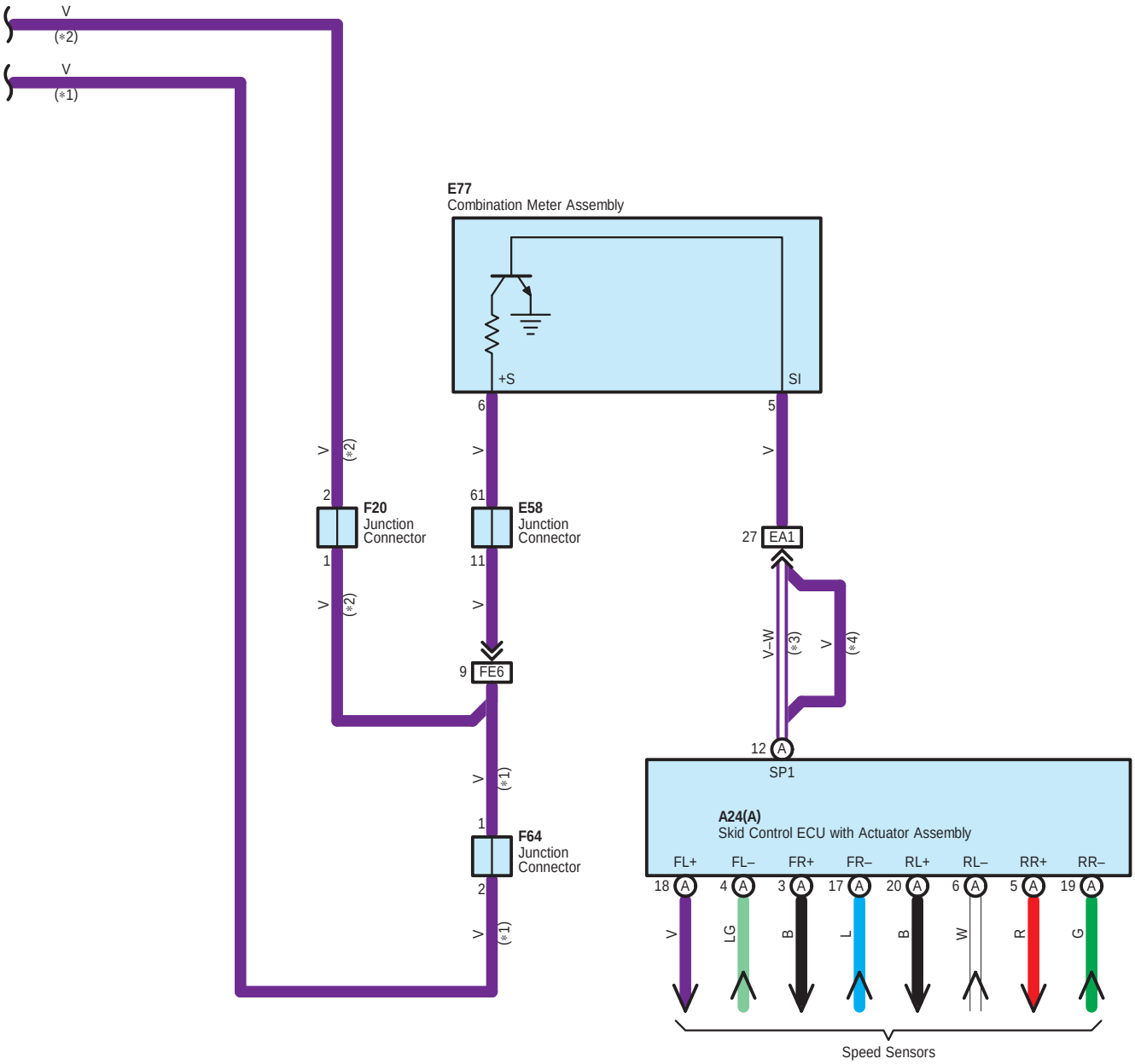

(IG)
10A
IGN
(ACC)
7. 5A
ACC
(BAT)
5A
TEL
∗ 1 : Before Jan. 2012 Production
∗ 2 : From Jan. 2012 Production
j1
Mayday Battery
BBO–
BTR2
BTR1
BBO+
E61
Junction
Connector
F20
Junction
Connector
E60(A), (B)
Junction
Connector
Main Body ECU
IG2
ACC
+B
ILL+
BBI–
CTR2
CTR1
BBI+
P2(A), P3(B), P4(C)
Telematics Transceiver
E
GSW
SIL
W–B
GSW3
E47(A)
Center Airbag
Sensor Assembly
F1
E22
DLC3
SIL


F31(E), F63(D), F73(F)
Stereo Component Amplifier Assembly
FR–
FR+
TMUT
7 E
8 E
7 D (*1)
29 F
14 F
2 F (*2)
3
1
–
+
TWR–
TWR+
4
2
F7
Front No. 2 Speaker
Assembly RH
B
W
2
1
F13
Front No. 3 Speaker
Assembly RH
9 PF3
25 PF3
17 PF3
1 PF3
19 PF3
5 A
6 A
3 A
2 A
17 A
SPO+
SPO–
SPI–
SPI+
MUTE
P2(A), P3(B), P4(C)
Telematics Transceiver
Telephone
Antenna
GPS Antenna

∗ 1 : Before Jan. 2012 Production
∗ 2 : From Jan. 2012 Production

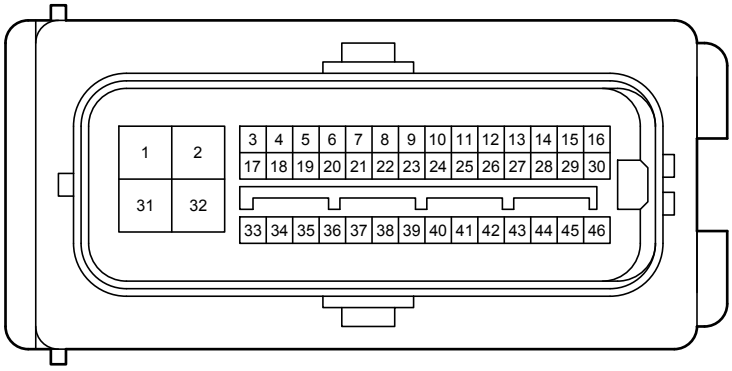



V
(*2)
V
(*1)
W–B
GR
V
(*2)
V
(*1)
(Shielded)
B
R
(Shielded)
G
R
5 PF2
3 PF1
(*1)
(*2)
15 PF3
13 PF3
14 PF3
V
10 A
18 A
19 A
SPDP
MCO+
MCO–
P2(A), P3(B), P4(C)
Telematics Transceiver
GR
3 RF1
GR
Junction Connector
P
B
6 D
48 H
5 D
27 H
7 D
28 H
20 D
49 H
21 D
1 H
22 D
2 H
(*1)
(*2)
MIN–
MIN+
SGND
SNS2
CANH
CANL
F58(D), F70(G)
Display & Navigation Module Display
F76(H), F81(J)
Multi–Media Module Receiver Assembly
USBV
USB
VOR+
VOR–
VOT–
VOT+
USBG
4 G
4 J
1 G
1 J
7 G
7 J
6 G
6 J
5 G
5 J
3 G
3 J
2 G
2 J
(*1)
(*2)
W
B
(Shielded)
G
B
R
W
W
4 PF4
4 PF5
1 PF4
1 PF5
(*1)
(*2)
W
B
G
B
R
W
W
W–B
11 RE2
W–B
3
E62
Junction
Connector
1
W–B
E1

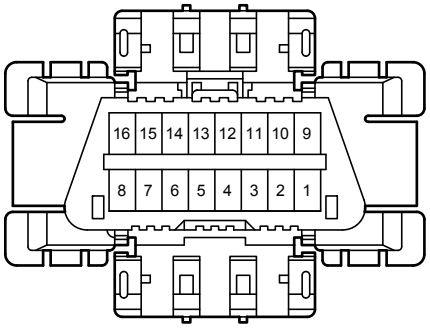



* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production
* 3 : Before Jan. 2013 Production
* 4 : From Jan. 2013 Production

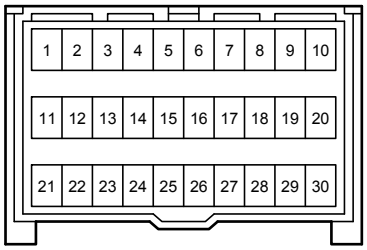
A 24
Black



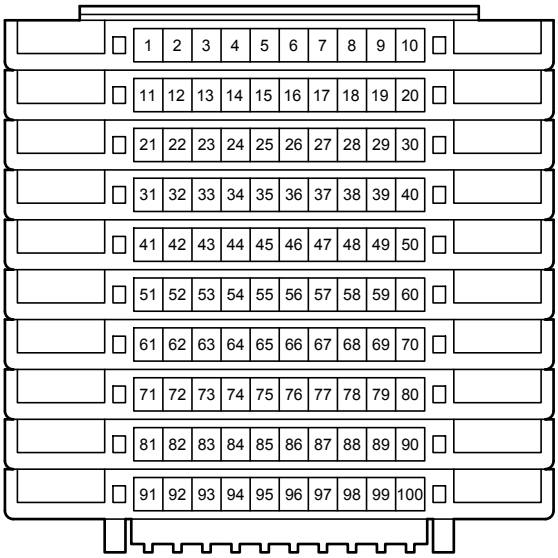

E 22
White



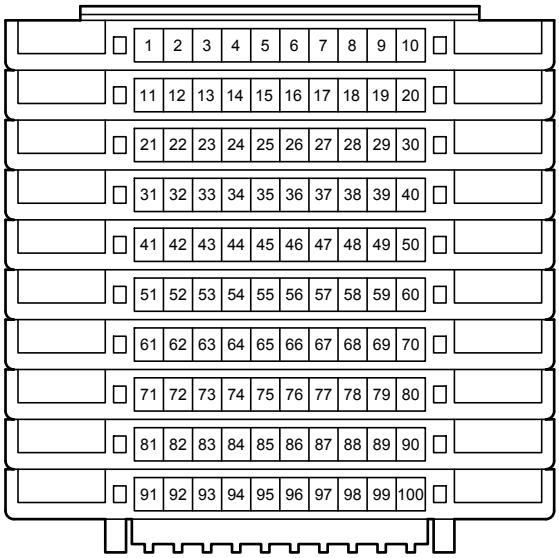

E 47
Yellow



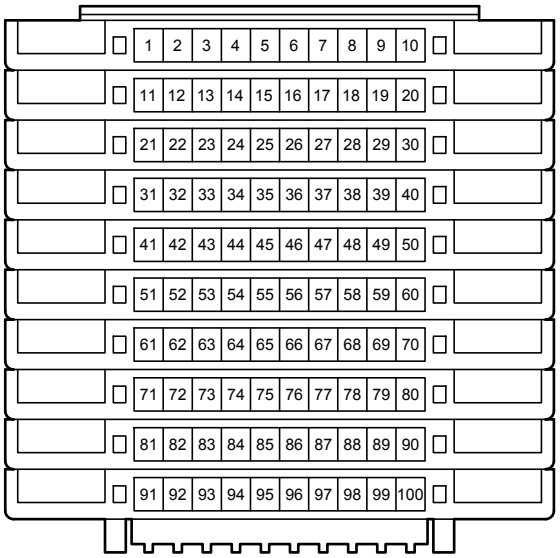

E 58
White



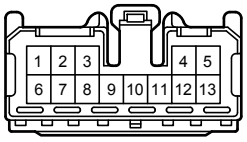

E 60
White



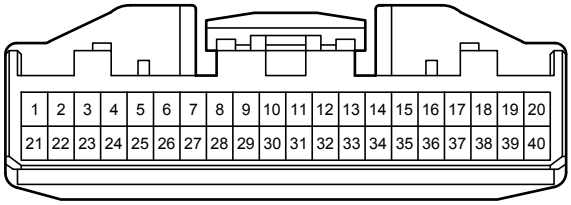

E 61
White



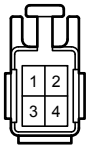
E 62
White



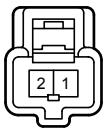

E 77
White



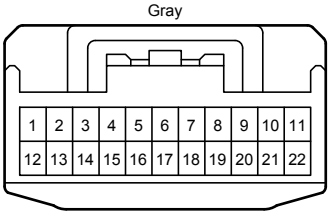

F 7
White



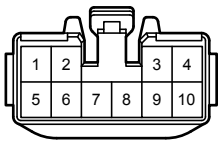

F 13
White



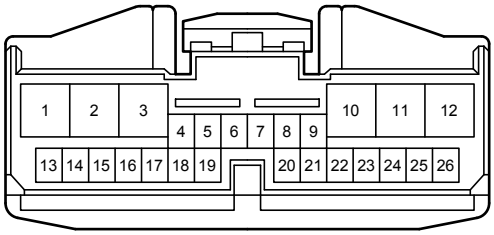

F 20
Gray




F 31
White



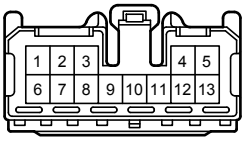

F 58
White



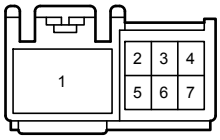

F 63
White



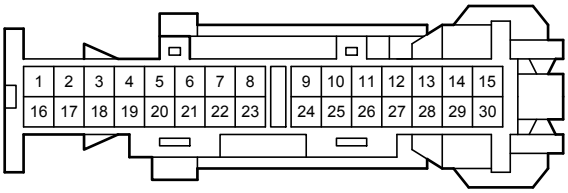

F 64
White



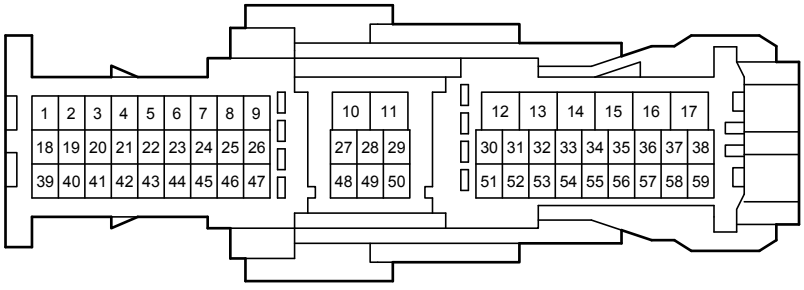

F 70
White



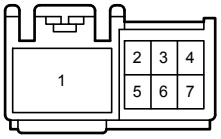

F 73
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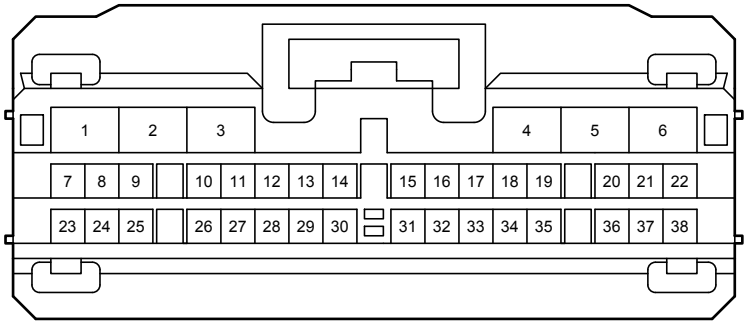

F 76
White



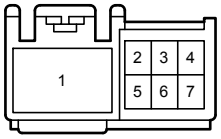

F 81
White



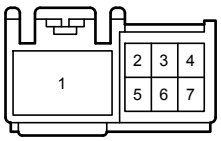
P 2
White



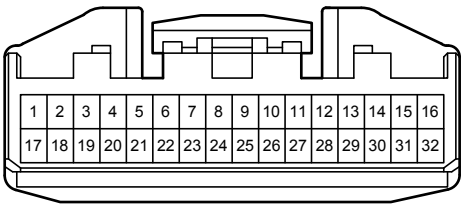

P 3
White



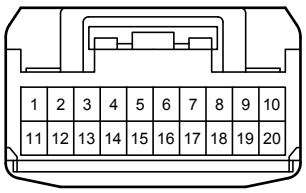

P 4
White



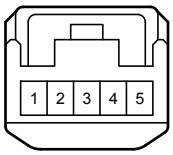

R 7
White



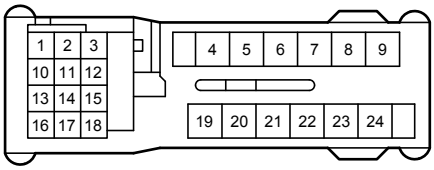

R 12
White



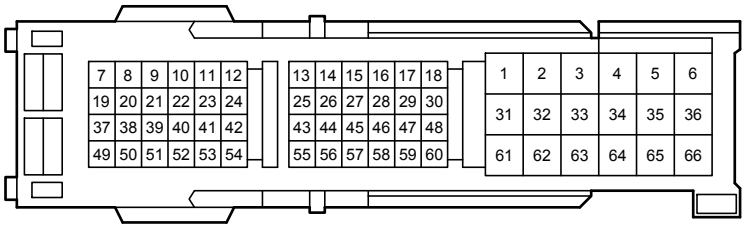

j 1
White



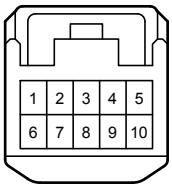

2B
White



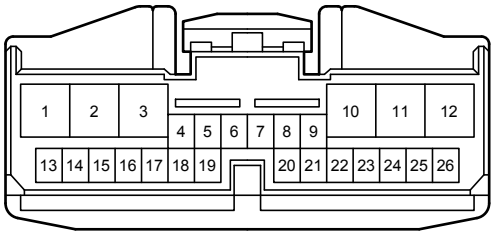

2D
White



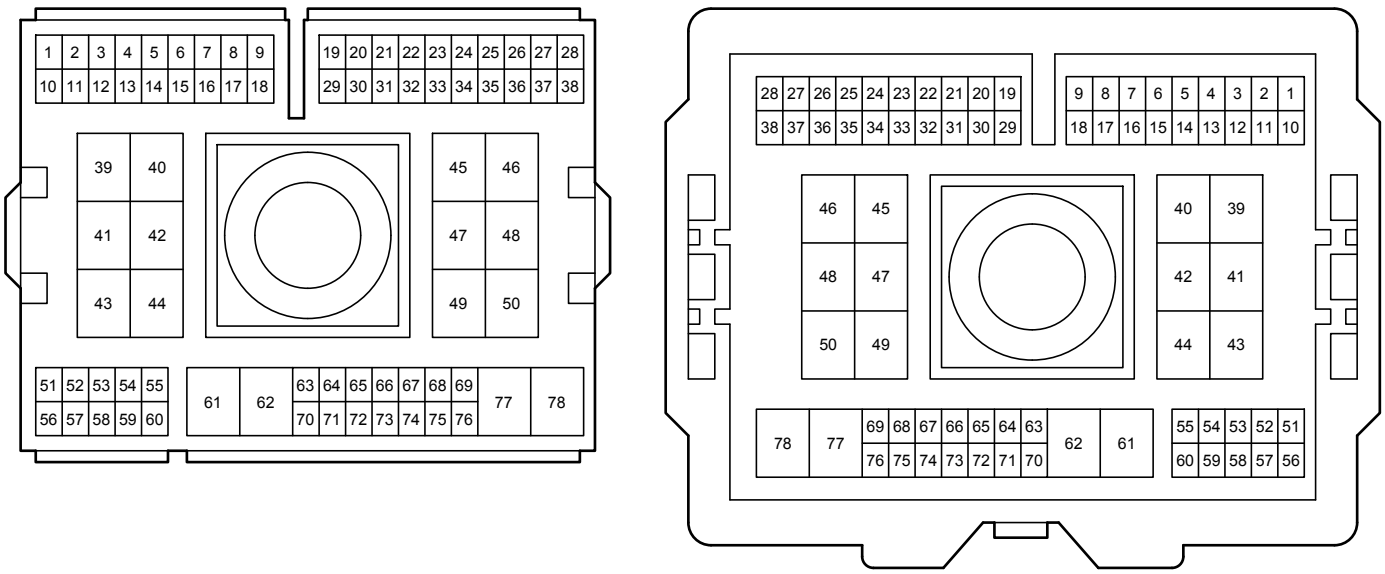

2E
White



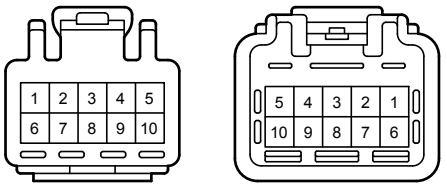

3C
White



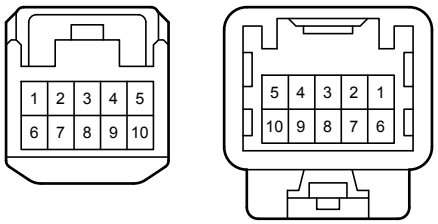
EA1
White



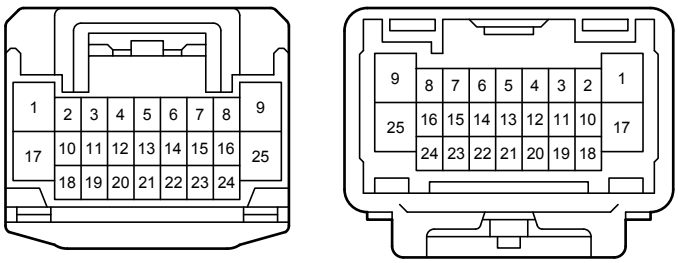

FE5
White



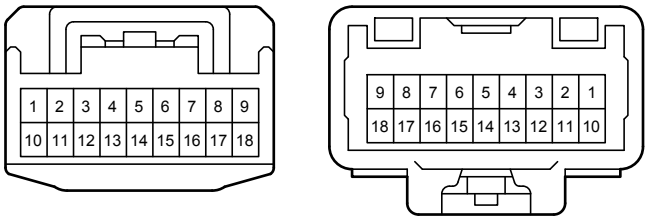

FE6
White



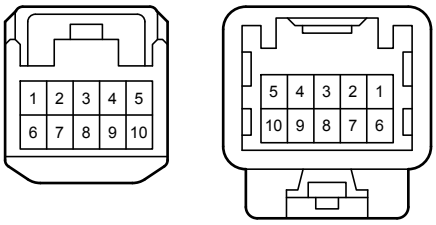

FE7
White



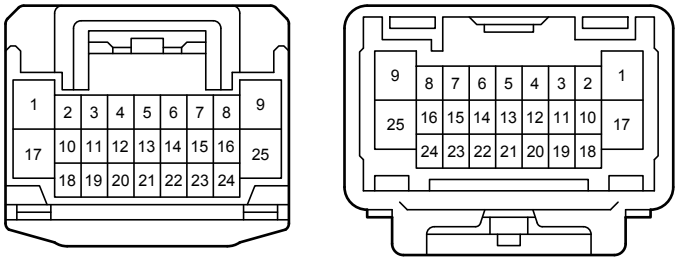

PF1
White



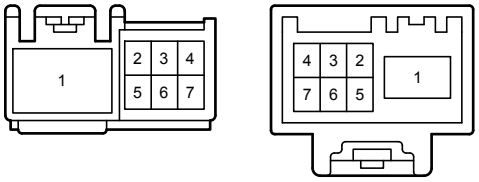

PF2
White



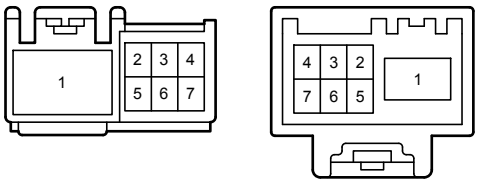
PF3
White



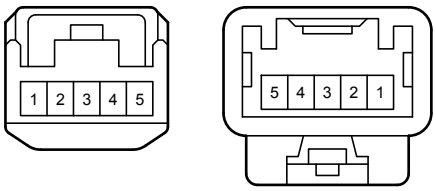

PF4
White



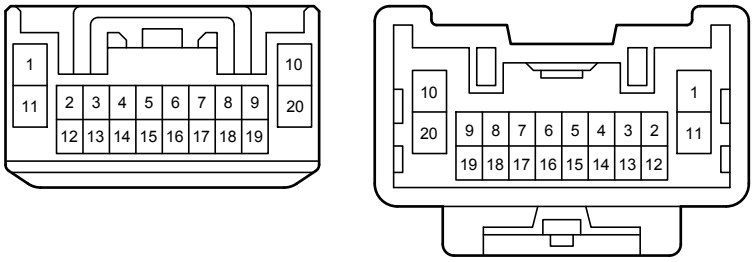

PF5
White



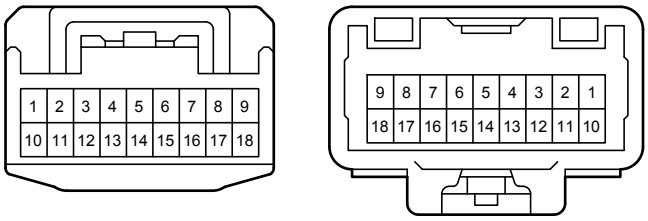

Pj1
White

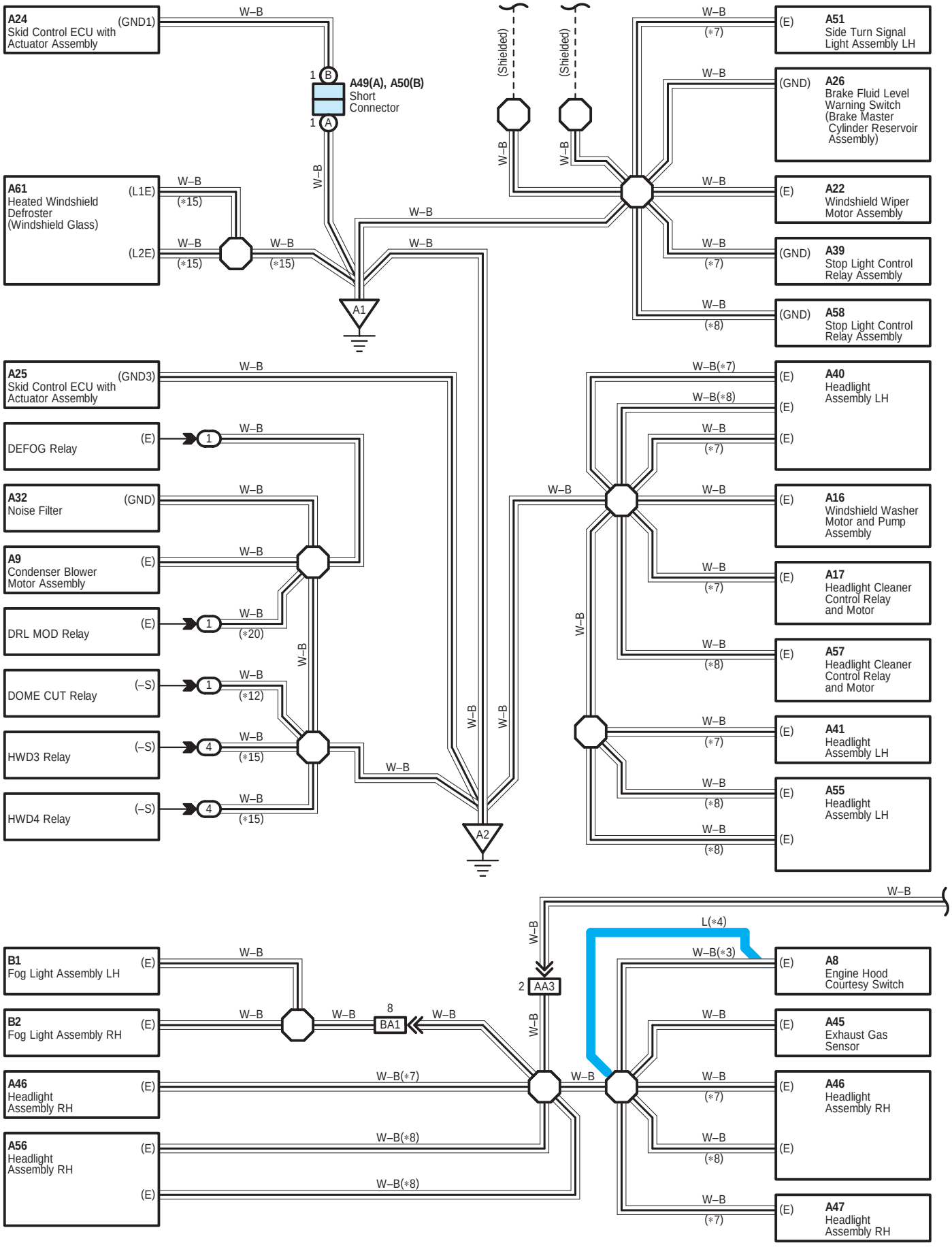


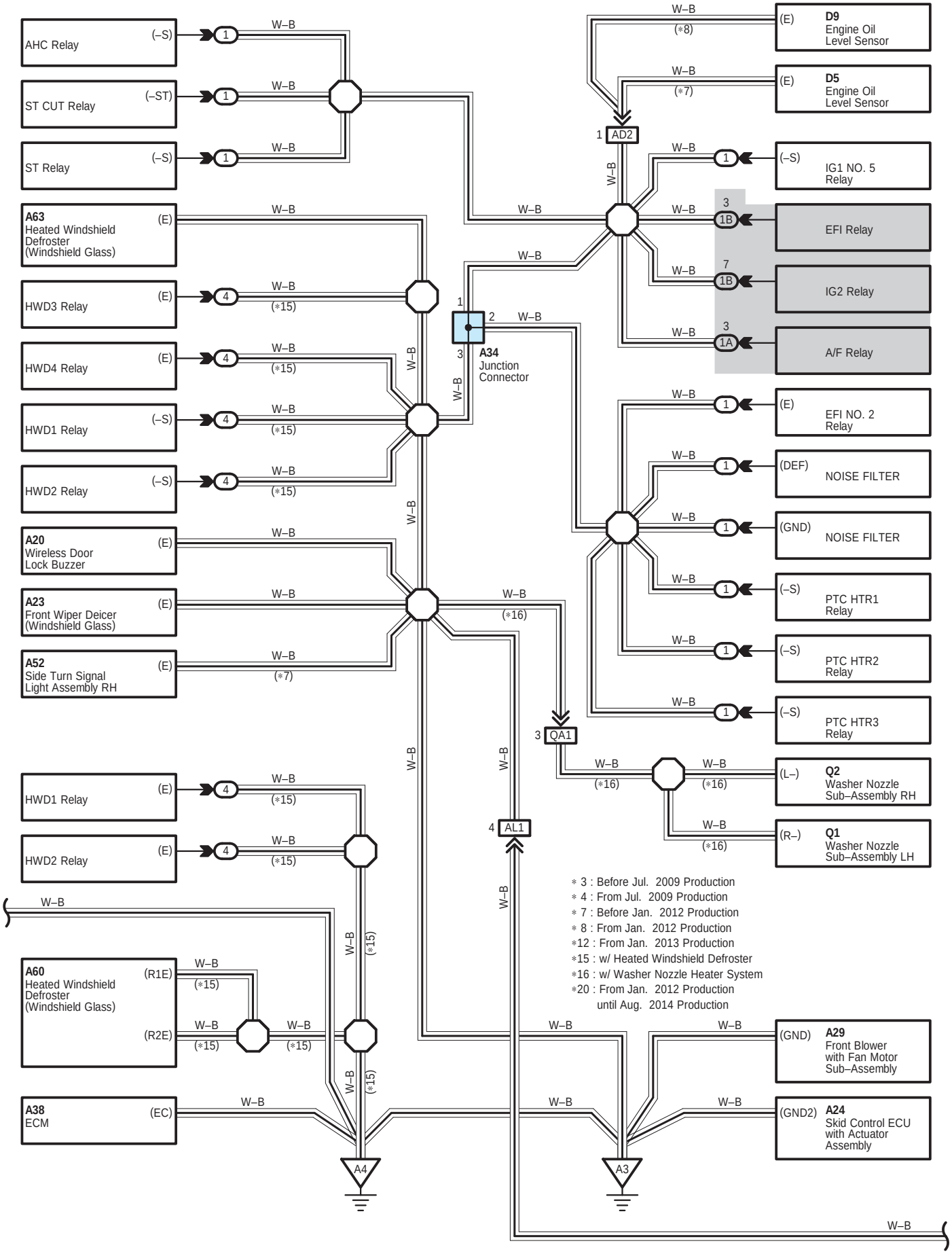

RE2
Blue

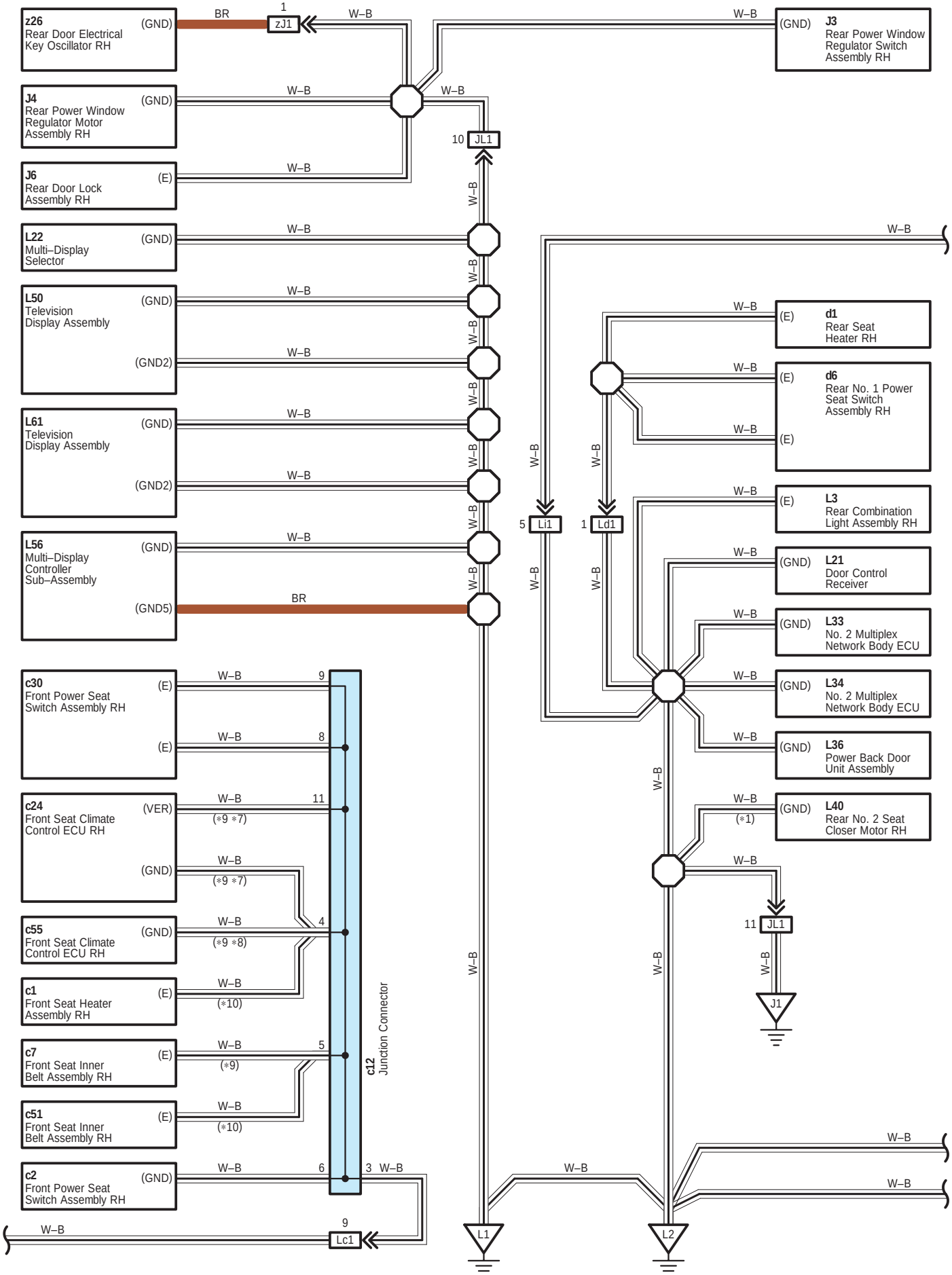



RF1
Gray

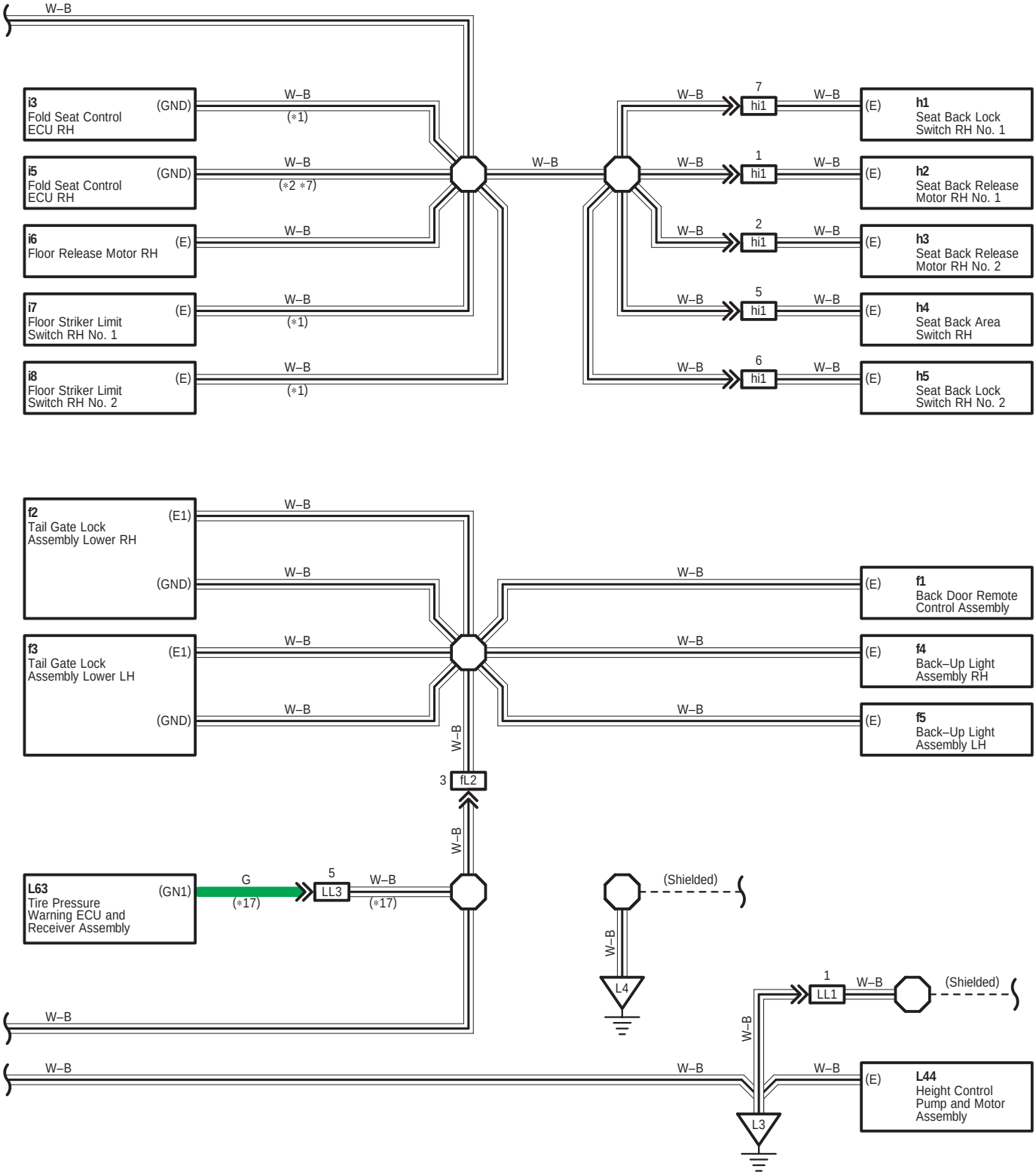


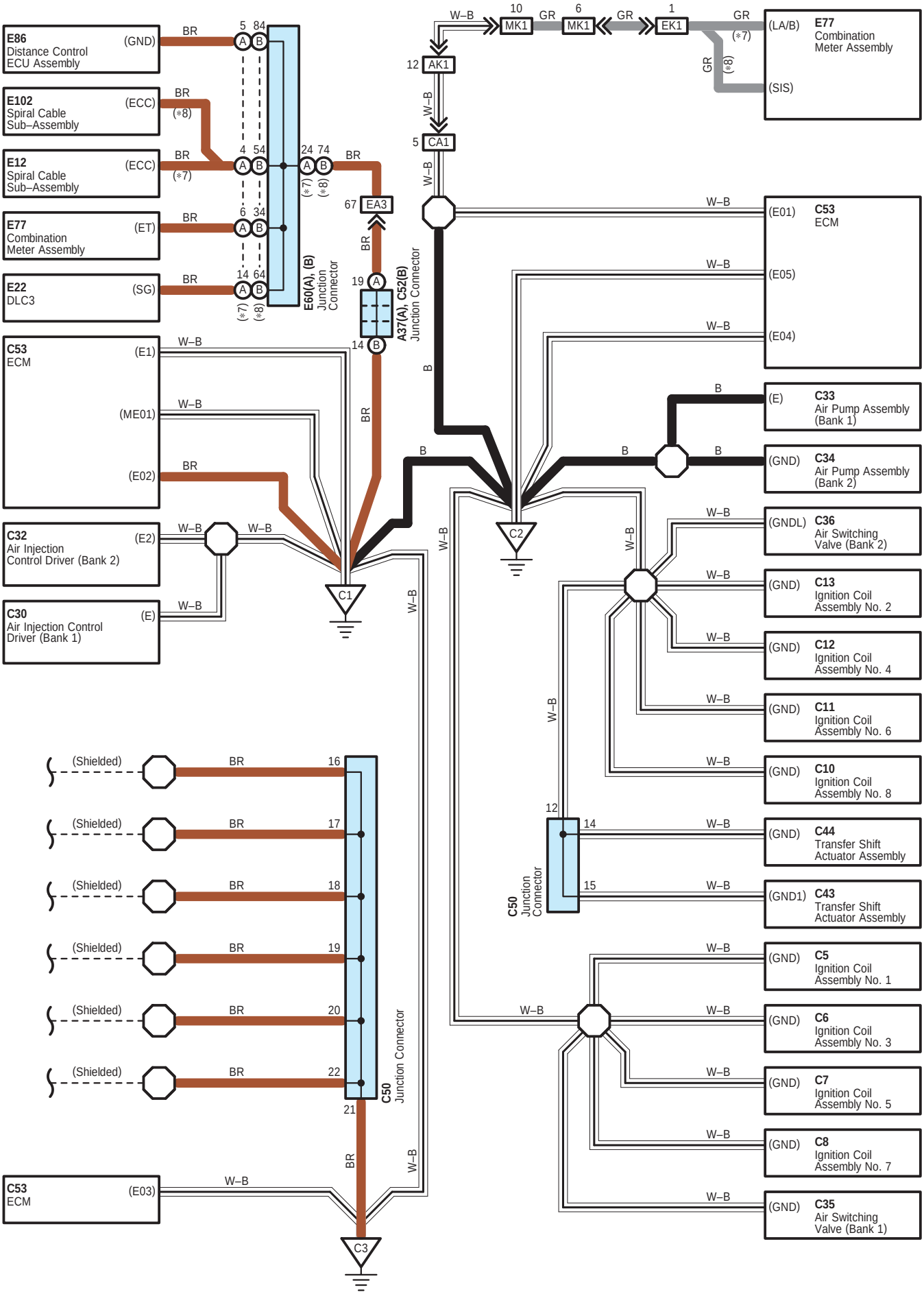

A24 (GND1) Skid Control ECU with Actuator Assembly
W–B
1 B
1 A
A49(A), A50(B) Short Connector
W–B
A61 Heated Windshield Defroster (Windshield Glass)
(L1E)
(L2E)
W–B (∗15)
W–B (∗15)
W–B (∗15)
A1
(Shielded)
(Shielded)
W–B
W–B
W–B (∗7)
(E) A51 Side Turn Signal Light Assembly LH
W–B
(GND) A26 Brake Fluid Level Warning Switch (Brake Master Cylinder Reservoir Assembly)
W–B
(E) A22 Windshield Wiper Motor Assembly
W–B (∗7)
(GND) A39 Stop Light Control Relay Assembly
W–B (∗8)
(GND) A58 Stop Light Control Relay Assembly
A25 (GND3) Skid Control ECU with Actuator Assembly
W–B
DEFOG Relay (E) 1
A32 (GND) Noise Filter
A9 (E) Condenser Blower Motor Assembly
DRL MOD Relay (E) 1 W–B (∗20)
DOME CUT Relay (–S) 1 W–B (∗12)
HWD3 Relay (–S) 4 W–B (∗15)
HWD4 Relay (–S) 4 W–B (∗15)
W–B
W–B
W–B
W–B
A2
W–B(∗7)
W–B(∗8)
(E) A40 Headlight Assembly LH
W–B (∗7)
(E) A16 Windshield Washer Motor and Pump Assembly
W–B (∗7)
(E) A17 Headlight Cleaner Control Relay and Motor
W–B (∗8)
(E) A57 Headlight Cleaner Control Relay and Motor
W–B (∗7)
(E) A41 Headlight Assembly LH
W–B (∗8)
(E) A55 Headlight Assembly LH
W–B (∗8)
(E)
W–B
L(∗4)
W–B(∗3)
(E) A8 Engine Hood Courtesy Switch
W–B
(E) A45 Exhaust Gas Sensor
W–B (∗7)
(E) A46 Headlight Assembly RH
W–B (∗8)
(E)
W–B (∗7)
(E) A47 Headlight Assembly RH
B1 (E) Fog Light Assembly LH
B2 (E) Fog Light Assembly RH
8 BA1
2 AA3
A46 (E) Headlight Assembly RH
A56 (E) Headlight Assembly RH
(E)
W–B(∗7)
W–B(∗8)
W–B(∗8)

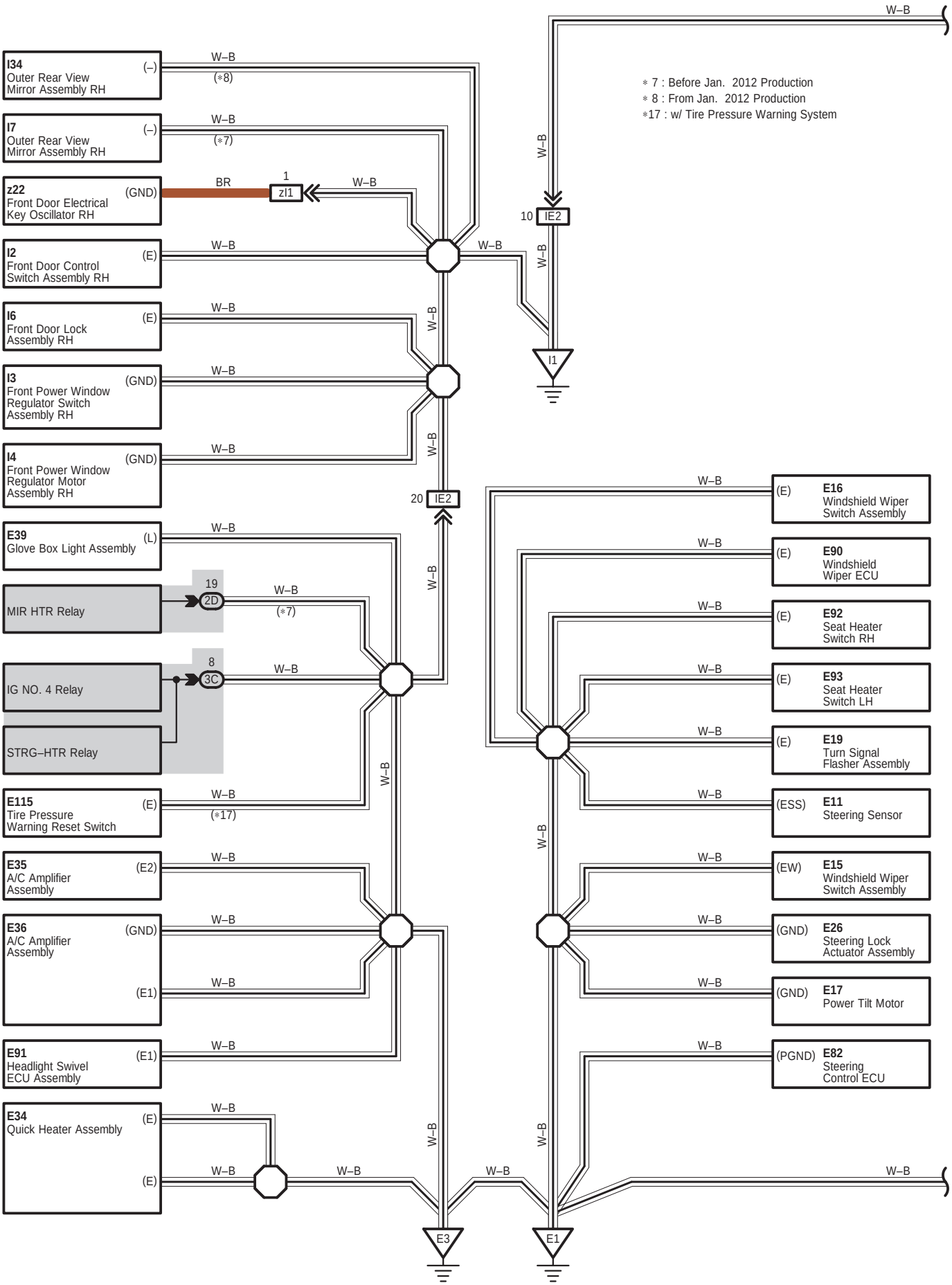

AHC Relay
(–S)
ST CUT Relay
(–ST)
ST Relay
(–S)
A63
Heated Windshield Defroster (Windshield Glass)
(E)
HWD3 Relay
(E)
HWD4 Relay
(E)
HWD1 Relay
(–S)
HWD2 Relay
(–S)
A20
Wireless Door Lock Buzzer
(E)
A23
Front Wiper Deicer (Windshield Glass)
(E)
A52
Side Turn Signal Light Assembly RH
(E)
W–B
(∗15)
(∗16)
(∗7)
(∗8)
A34
Junction Connector
AD2
QA1
AL1
D9
Engine Oil Level Sensor
D5
Engine Oil Level Sensor
IG1 NO. 5 Relay
EFI Relay
IG2 Relay
A/F Relay
EFI NO. 2 Relay
NOISE FILTER
NOISE FILTER
PTC HTR1 Relay
PTC HTR2 Relay
PTC HTR3 Relay
Q2
Washer Nozzle Sub–Assembly RH
Q1
Washer Nozzle Sub–Assembly LH
A60
Heated Windshield Defroster (Windshield Glass)
(R1E)
(R2E)
A38
ECM
(EC)
A29
Front Blower with Fan Motor Sub–Assembly
A24
Skid Control ECU with Actuator Assembly
A4
A3
∗ 3 : Before Jul. 2009 Production
∗ 4 : From Jul. 2009 Production
∗ 7 : Before Jan. 2012 Production
∗ 8 : From Jan. 2012 Production
∗12 : From Jan. 2013 Production
∗15 : w/ Heated Windshield Defroster
∗16 : w/ Washer Nozzle Heater System
∗20 : From Jan. 2012 Production until Aug. 2014 Production

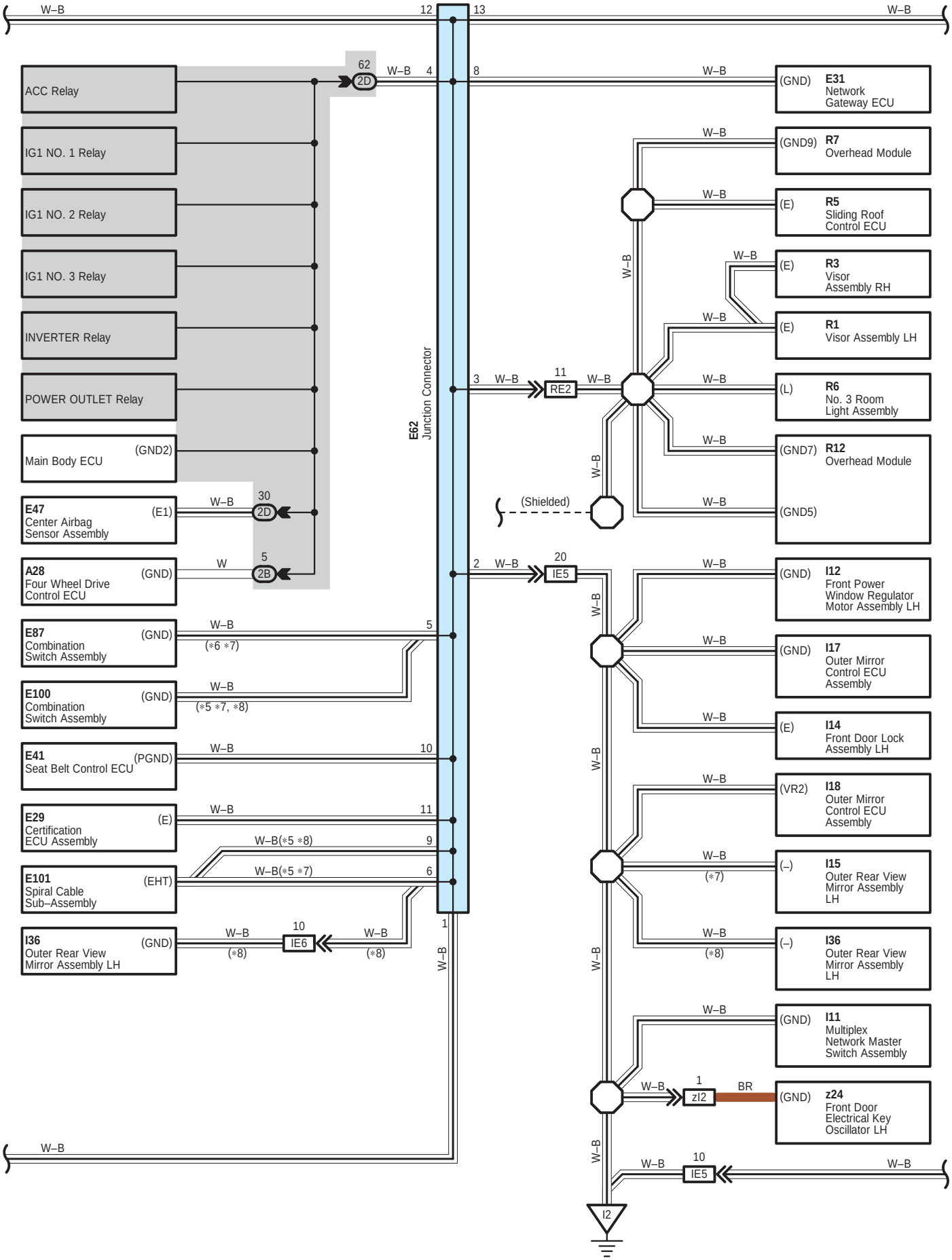

z26
Rear Door Electrical Key Oscillator RH
(GND)
BR
1
zJ1
W–B
J4
Rear Power Window Regulator Motor Assembly RH
(GND)
J6
Rear Door Lock Assembly RH
(E)
L22
Multi–Display Selector
(GND)
L50
Television Display Assembly
(GND)
(GND2)
L61
Television Display Assembly
(GND)
(GND2)
L56
Multi–Display Controller Sub–Assembly
(GND)
(GND5)
J3
Rear Power Window Regulator Switch Assembly RH
10
JL1
d1
Rear Seat Heater RH
d6
Rear No. 1 Power Seat Switch Assembly RH
L3
Rear Combination Light Assembly RH
L21
Door Control Receiver
L33
No. 2 Multiplex Network Body ECU
L34
No. 2 Multiplex Network Body ECU
L36
Power Back Door Unit Assembly
L40
Rear No. 2 Seat Closer Motor RH
(∗1)
5
Li1
1
Ld1
11
JL1
J1
c30
Front Power Seat Switch Assembly RH
c24
Front Seat Climate Control ECU RH
(VER)
(∗9 ∗7)
c55
Front Seat Climate Control ECU RH
(∗9 ∗8)
c1
Front Seat Heater Assembly RH
(∗10)
c7
Front Seat Inner Belt Assembly RH
(∗9)
c51
Front Seat Inner Belt Assembly RH
(∗10)
c2
Front Power Seat Switch Assembly RH
c12
Junction Connector
9
8
11
4
5
6
3
Lc1
L1
L2

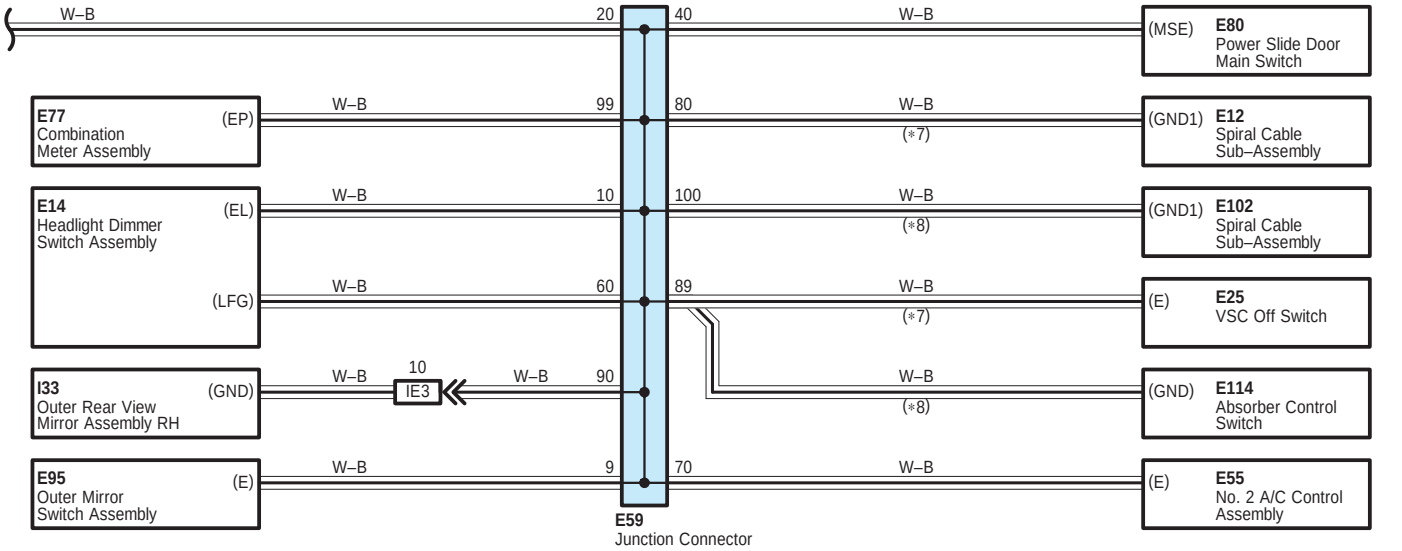
∗ 1 : Automatic Folding–Up Function
∗ 2 : Manual Folding–Up Function
∗ 7 : Before Jan. 2012 Production
∗ 8 : From Jan. 2012 Production
∗ 9 : w/ Climate Control Seat
∗10 : w/o Climate Control Seat
∗17 : w/ Tire Pressure Warning System

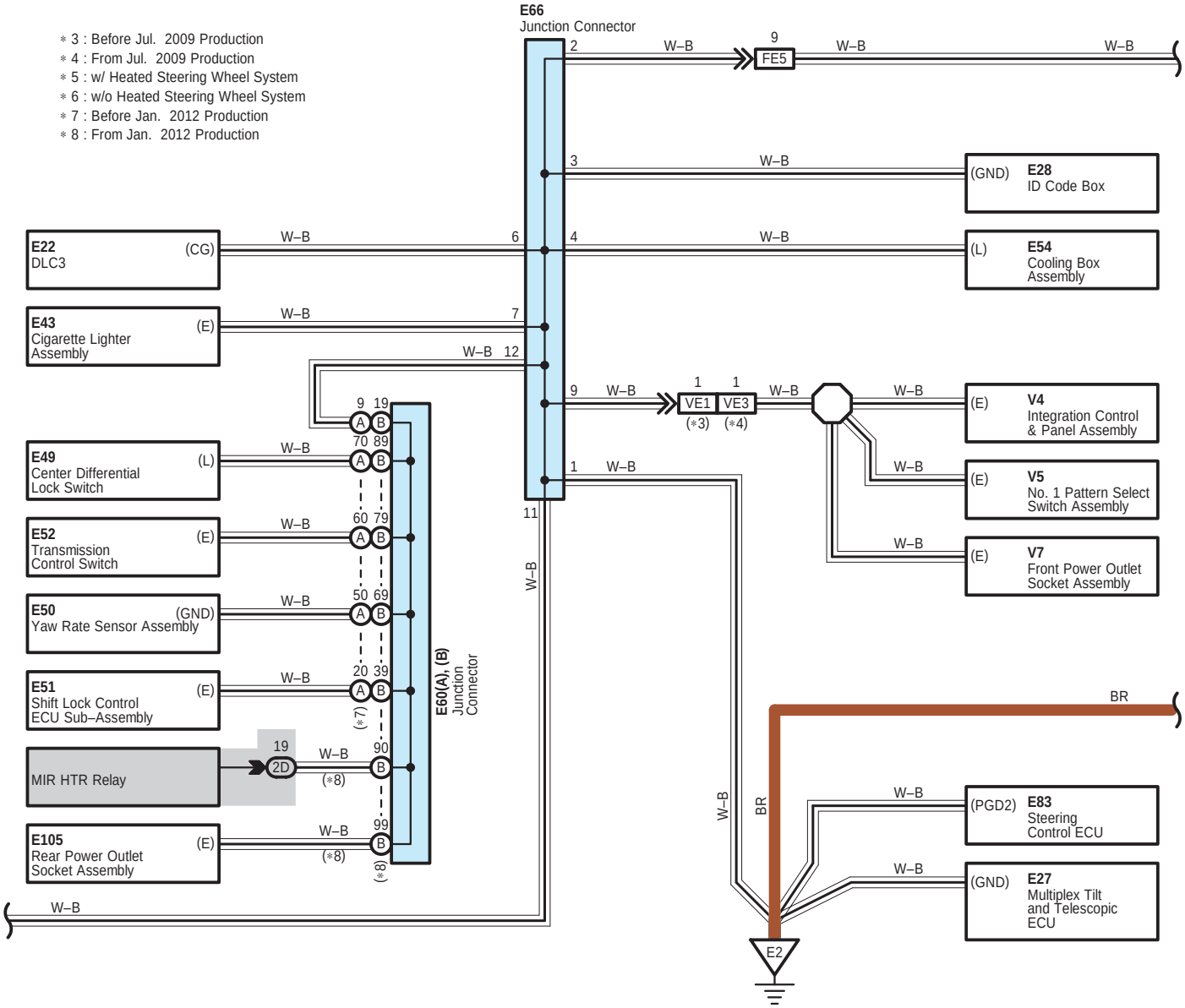


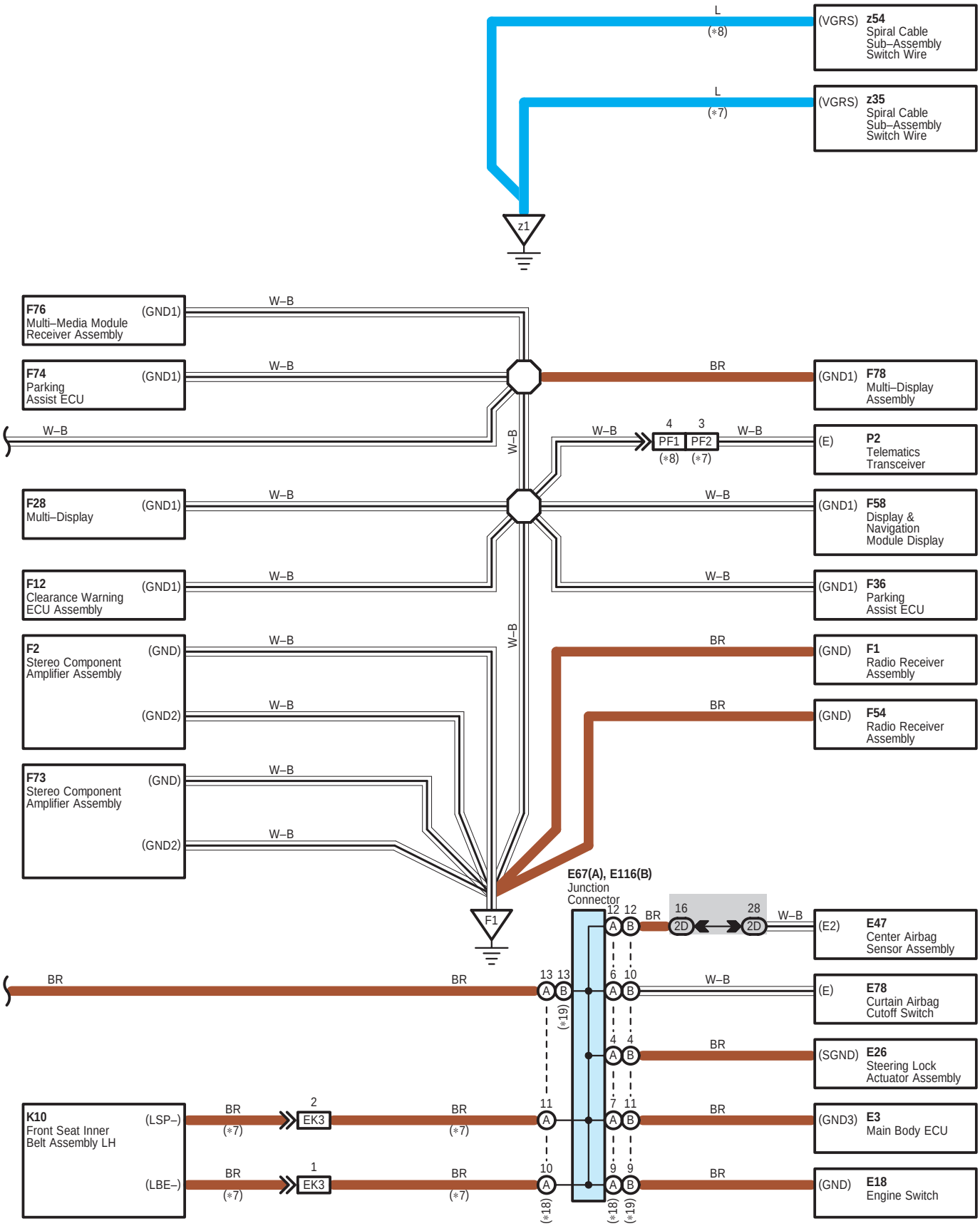

E86
Distance Control
ECU Assembly
(GND)
E102
Spiral Cable
Sub–Assembly
(ECC)
E12
Spiral Cable
Sub–Assembly
(ECC)
E77
Combination
Meter Assembly
(ET)
E22
DLC3
(SG)
E60(A), (B)
Junction
Connector
A37(A), C52(B)
Junction Connector
C53
ECM
(E1)
(ME01)
(E02)
C32
Air Injection
Control Driver (Bank 2)
(E2)
C30
Air Injection Control
Driver (Bank 1)
(E)
C1
C2
C3
BR
W–B
B
GR
(*7)
(*8)
EA3
AK1
MK1
EK1
CA1
E77
Combination
Meter Assembly
(LA/B)
(SIS)
C53
ECM
(E01)
(E05)
(E04)
C33
Air Pump Assembly
(Bank 1)
(E)
C34
Air Pump Assembly
(Bank 2)
(GND)
C36
Air Switching
Valve (Bank 2)
(GNDL)
C13
Ignition Coil
Assembly No. 2
C12
Ignition Coil
Assembly No. 4
C11
Ignition Coil
Assembly No. 6
C10
Ignition Coil
Assembly No. 8
C44
Transfer Shift
Actuator Assembly
C43
Transfer Shift
Actuator Assembly
(GND1)
C50
Junction
Connector
C5
Ignition Coil
Assembly No. 1
C6
Ignition Coil
Assembly No. 3
C7
Ignition Coil
Assembly No. 5
C8
Ignition Coil
Assembly No. 7
C35
Air Switching
Valve (Bank 1)
(Shielded)
C50 Junction Connector
C53
ECM
(E03)


∗ 7 : Before Jan. 2012 Production
∗ 8 : From Jan. 2012 Production
∗17 : w/ Tire Pressure Warning System
I34 Outer Rear View Mirror Assembly RH (–)
I7 Outer Rear View Mirror Assembly RH (–)
z22 Front Door Electrical Key Oscillator RH (GND)
I2 Front Door Control Switch Assembly RH (E)
I6 Front Door Lock Assembly RH (E)
I3 Front Power Window Regulator Switch Assembly RH (GND)
I4 Front Power Window Regulator Motor Assembly RH (GND)
E39 Glove Box Light Assembly (L)
MIR HTR Relay
IG NO. 4 Relay
STRG–HTR Relay
E115 Tire Pressure Warning Reset Switch (E)
E35 A/C Amplifier Assembly (E2)
E36 A/C Amplifier Assembly (GND) (E1)
E91 Headlight Swivel ECU Assembly (E1)
E34 Quick Heater Assembly (E) (E)
E16 Windshield Wiper Switch Assembly (E)
E90 Windshield Wiper ECU (E)
E92 Seat Heater Switch RH (E)
E93 Seat Heater Switch LH (E)
E19 Turn Signal Flasher Assembly (E)
E11 Steering Sensor (ESS)
E15 Windshield Wiper Switch Assembly (EW)
E26 Steering Lock Actuator Assembly (GND)
E17 Power Tilt Motor (GND)
E82 Steering Control ECU (PGND)
W–B
BR
1 zI1
10 IE2
20 IE2
19 2D
8 3C
I1
E3
E1

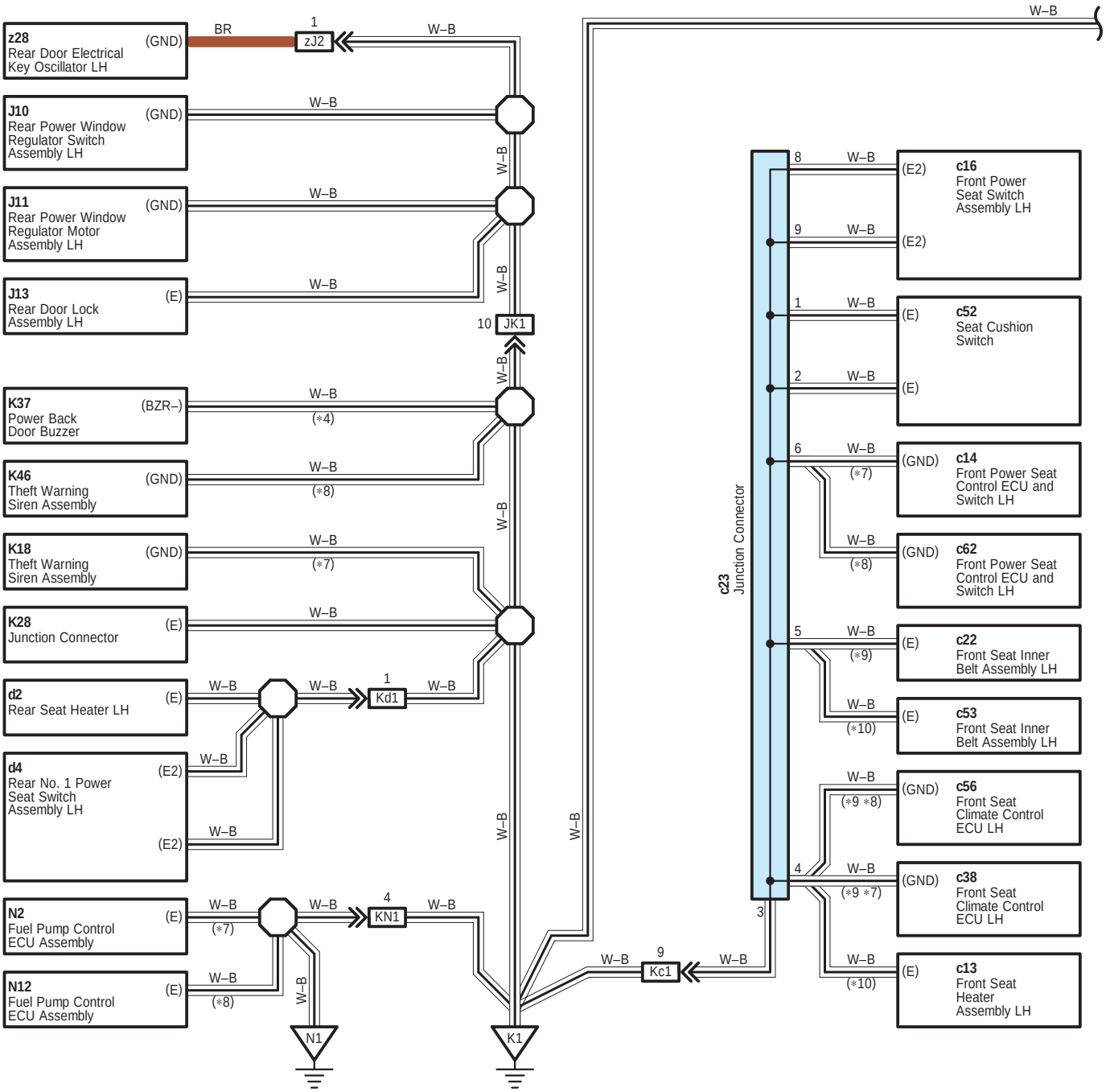

W–B
12
13
W–B
ACC Relay
IG1 NO. 1 Relay
IG1 NO. 2 Relay
IG1 NO. 3 Relay
INVERTER Relay
POWER OUTLET Relay
Main Body ECU
(GND2)
62
2D
W–B
4
8
W–B
(GND)
E31
Network
Gateway ECU
W–B
(GND9)
R7
Overhead Module
W–B
(E)
R5
Sliding Roof
Control ECU
W–B
(E)
R3
Visor
Assembly RH
W–B
(E)
R1
Visor Assembly LH
W–B
E62
Junction Connector
3
W–B
11
RE2
W–B
W–B
(L)
R6
No. 3 Room
Light Assembly
W–B
(GND7)
R12
Overhead Module
W–B
(Shielded)
W–B
(GND5)
E47
Center Airbag
Sensor Assembly
(E1)
W–B
30
2D
A28
Four Wheel Drive
Control ECU
(GND)
W
5
2B
2
W–B
20
IE5
W–B
(GND)
I12
Front Power
Window Regulator
Motor Assembly LH
W–B
(GND)
I17
Outer Mirror
Control ECU
Assembly
W–B
(E)
I14
Front Door Lock
Assembly LH
W–B
(VR2)
I18
Outer Mirror
Control ECU
Assembly
W–B
(–)
I15
Outer Rear View
Mirror Assembly
LH
W–B
(∗7)
W–B
(–)
I36
Outer Rear View
Mirror Assembly
LH
W–B
(∗8)
W–B
(GND)
I11
Multiplex
Network Master
Switch Assembly
W–B
1
zI2
BR
(GND)
z24
Front Door
Electrical Key
Oscillator LH
W–B
10
IE5
W–B
I2
E87
Combination
Switch Assembly
(GND)
W–B
5
(∗6 ∗7)
E100
Combination
Switch Assembly
(GND)
W–B
(∗5 ∗7, ∗8)
E41
Seat Belt Control ECU
(PGND)
W–B
10
E29
Certification
ECU Assembly
(E)
W–B
11
W–B(∗5 ∗8)
9
E101
Spiral Cable
Sub–Assembly
(EHT)
W–B(∗5 ∗7)
6
I36
Outer Rear View
Mirror Assembly LH
(GND)
W–B
(∗8)
10
IE6
W–B
(∗8)
1
W–B
W–B

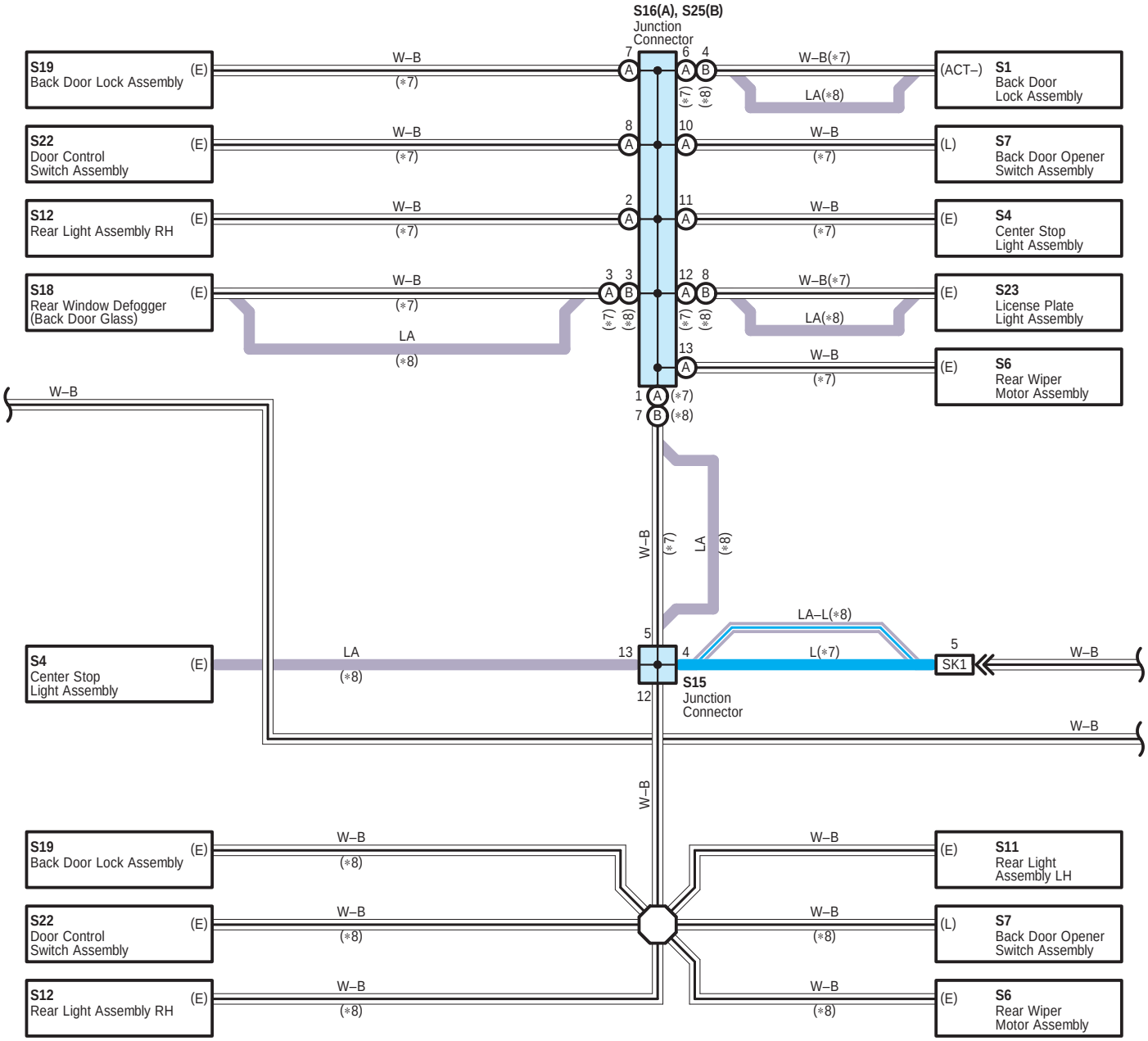

W–B
20
40
(MSE)
E80
Power Slide Door Main Switch
E77
Combination Meter Assembly
(EP)
99
80
(GND1)
E12
Spiral Cable Sub–Assembly
(∗7)
E14
Headlight Dimmer Switch Assembly
(EL)
10
100
(GND1)
E102
Spiral Cable Sub–Assembly
(∗8)
(LFG)
60
89
(E)
E25
VSC Off Switch
(∗7)
I33
Outer Rear View Mirror Assembly RH
(GND)
IE3
90
(GND)
E114
Absorber Control Switch
(∗8)
E95
Outer Mirror Switch Assembly
(E)
9
70
(E)
E55
No. 2 A/C Control Assembly
E59
Junction Connector


E66
Junction Connector
∗ 3 : Before Jul. 2009 Production
∗ 4 : From Jul. 2009 Production
∗ 5 : w/ Heated Steering Wheel System
∗ 6 : w/o Heated Steering Wheel System
∗ 7 : Before Jan. 2012 Production
∗ 8 : From Jan. 2012 Production
FE5
(GND)
E28
ID Code Box
E22
DLC3
(CG)
(L)
E54
Cooling Box Assembly
E43
Cigarette Lighter Assembly
(E)
VE1
VE3
(∗3)
(∗4)
V4
Integration Control & Panel Assembly
V5
No. 1 Pattern Select Switch Assembly
V7
Front Power Outlet Socket Assembly
E49
Center Differential Lock Switch
E52
Transmission Control Switch
E50
Yaw Rate Sensor Assembly
E51
Shift Lock Control ECU Sub–Assembly
MIR HTR Relay
2D
E105
Rear Power Outlet Socket Assembly
E60(A), (B)
Junction Connector
BR
(PGD2)
E83
Steering Control ECU
E27
Multiplex Tilt and Telescopic ECU
E2

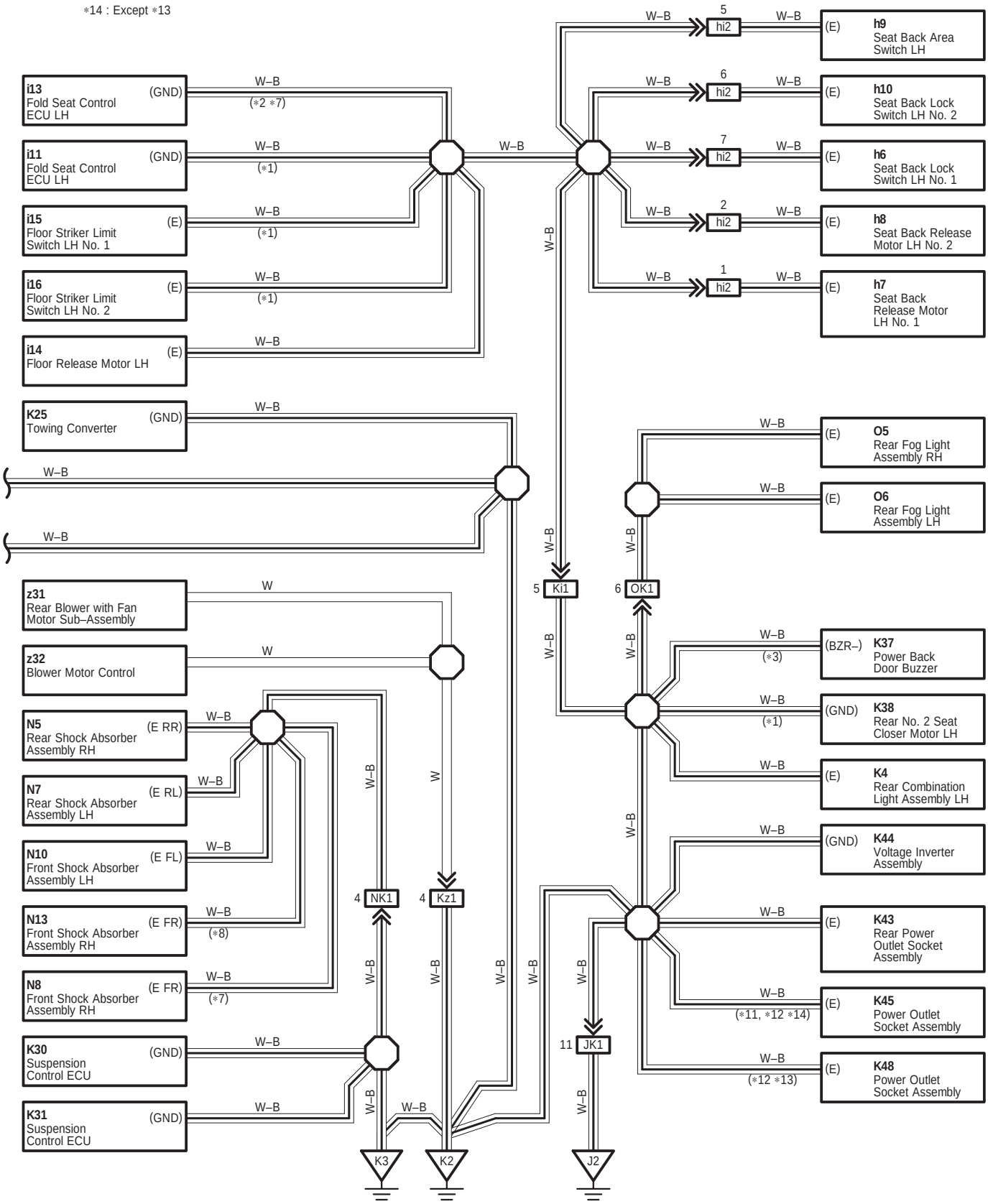

L
(*8)
(VGRS) z54 Spiral Cable Sub–Assembly Switch Wire
L
(*7)
(VGRS) z35 Spiral Cable Sub–Assembly Switch Wire
z1
F76 Multi–Media Module Receiver Assembly (GND1)
F74 Parking Assist ECU (GND1)
F28 Multi–Display (GND1)
F12 Clearance Warning ECU Assembly (GND1)
F2 Stereo Component Amplifier Assembly (GND) (GND2)
F73 Stereo Component Amplifier Assembly (GND) (GND2)
W–B
BR
(GND1) F78 Multi–Display Assembly
4 3
PF1 PF2
(*8) (*7)
(E) P2 Telematics Transceiver
(GND1) F58 Display & Navigation Module Display
(GND1) F36 Parking Assist ECU
(GND) F1 Radio Receiver Assembly
(GND) F54 Radio Receiver Assembly
F1
E67(A), E116(B) Junction Connector
16 28
2D 2D
(E2) E47 Center Airbag Sensor Assembly
(E) E78 Curtain Airbag Cutoff Switch
(SGND) E26 Steering Lock Actuator Assembly
(GND3) E3 Main Body ECU
(GND) E18 Engine Switch
K10 Front Seat Inner Belt Assembly LH (LSP–) (LBE–)
EK3
(*7)
(*18)
(*19)

∗ 4 : From Jul. 2009 Production
∗ 7 : Before Jan. 2012 Production
∗ 8 : From Jan. 2012 Production
∗ 9 : w/ Climate Control Seat
∗10 : w/o Climate Control Seat
∗18 : Before Aug. 2013 Production
∗19 : From Aug. 2013 Production

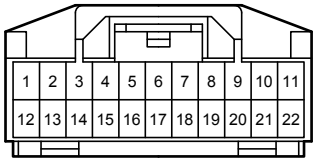



S16(A), S25(B)
Junction Connector
S19 Back Door Lock Assembly (E)
S22 Door Control Switch Assembly (E)
S12 Rear Light Assembly RH (E)
S18 Rear Window Defogger (Back Door Glass) (E)
S1 Back Door Lock Assembly (ACT–)
S7 Back Door Opener Switch Assembly (L)
S4 Center Stop Light Assembly (E)
S23 License Plate Light Assembly (E)
S6 Rear Wiper Motor Assembly (E)
W–B
W–B(∗7)
LA
LA(∗8)
LA–L(∗8)
L(∗7)
S15 Junction Connector
SK1
S4 Center Stop Light Assembly (E)
S19 Back Door Lock Assembly (E)
S22 Door Control Switch Assembly (E)
S12 Rear Light Assembly RH (E)
S11 Rear Light Assembly LH (E)
S7 Back Door Opener Switch Assembly (L)
S6 Rear Wiper Motor Assembly (E)

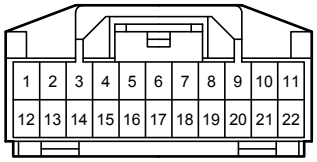
∗ 1 : Automatic Folding–Up Function
∗ 2 : Manual Folding–Up Function
∗ 3 : Before Jul. 2009 Production
∗ 7 : Before Jan. 2012 Production
∗ 8 : From Jan. 2012 Production
∗11 : Before Jan. 2013 Production
∗12 : From Jan. 2013 Production
∗13 : China
∗14 : Except ∗13



A 34
White




A 37
Blue



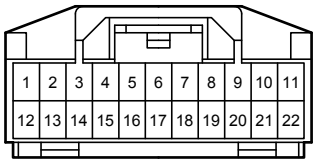

A 49
Gray



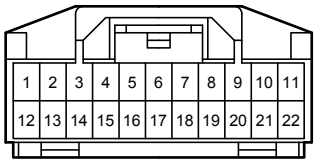

A 50
Gray



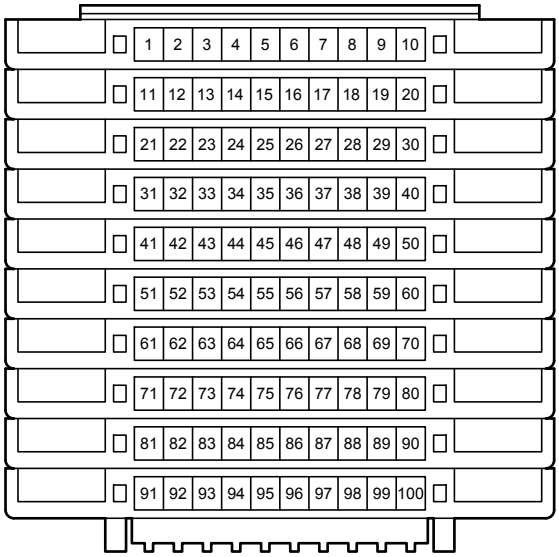

C 50
White



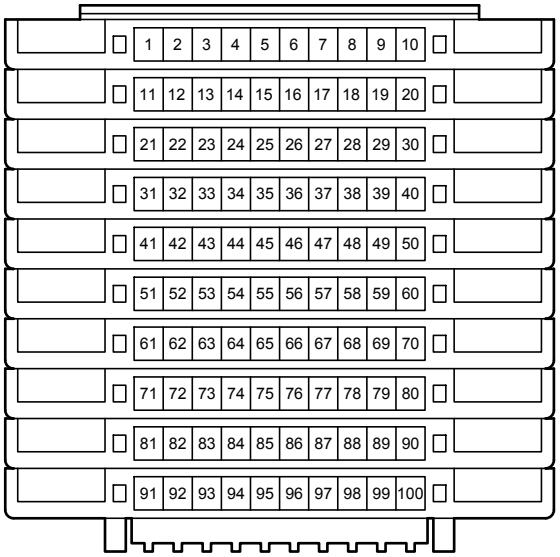

C 52
Blue



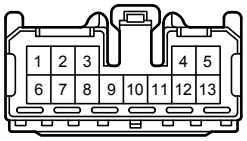

E 59
White



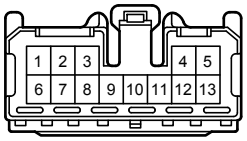

E 60
White



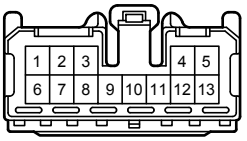

E 62
White



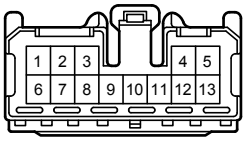

E 66
White



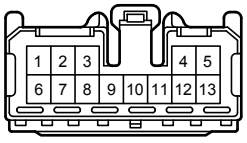

E 67
White



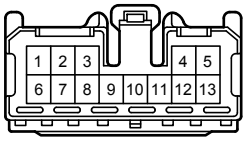

E116
White



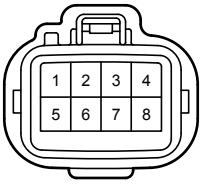

S 15
White



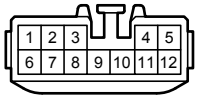

S 16
White



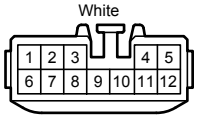

S 25
Dark Gray



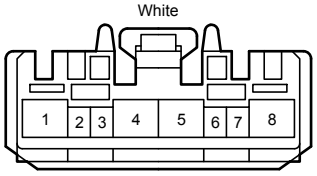

c 12
White



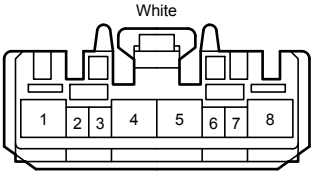

c 23
White



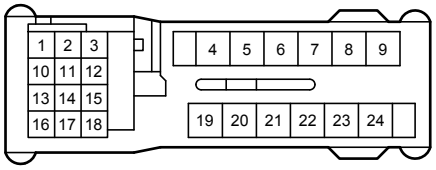

1A
White



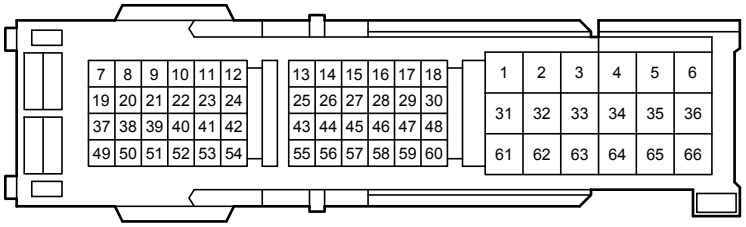

1B
White



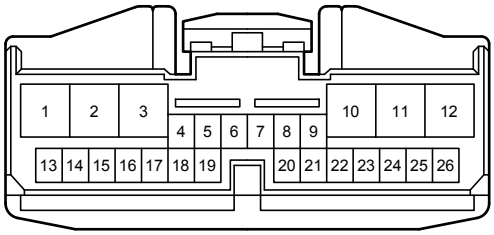
2B
White



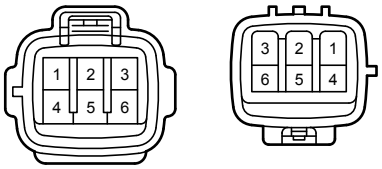

2D
White



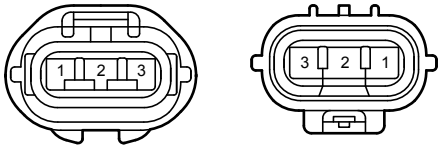

3C
White



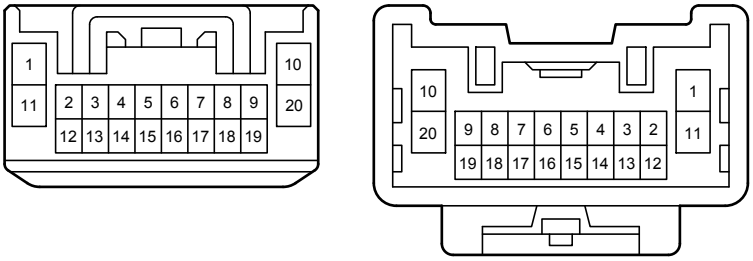

AA3
Gray



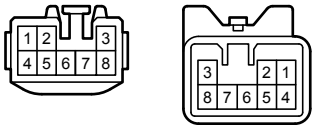

AD2
Black



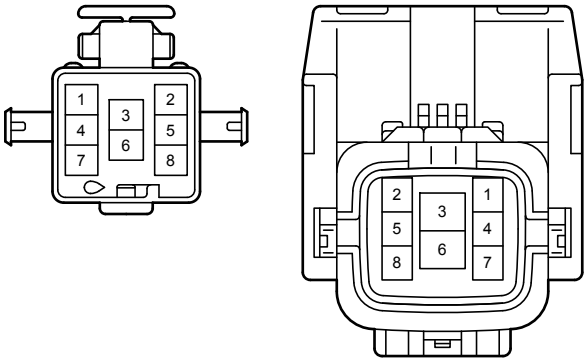

AK1
Blue



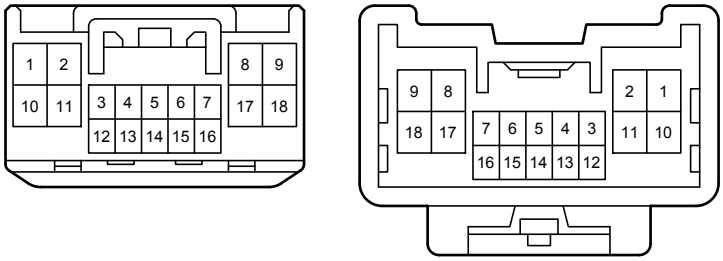

AL1
White



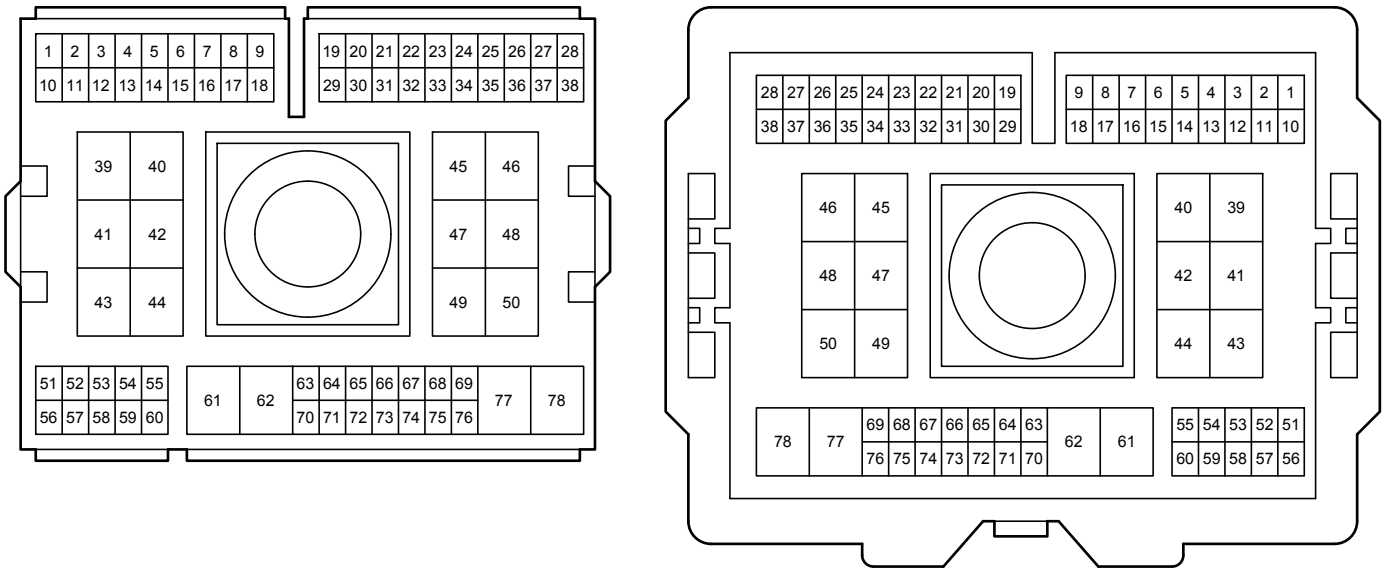

BA1
Black



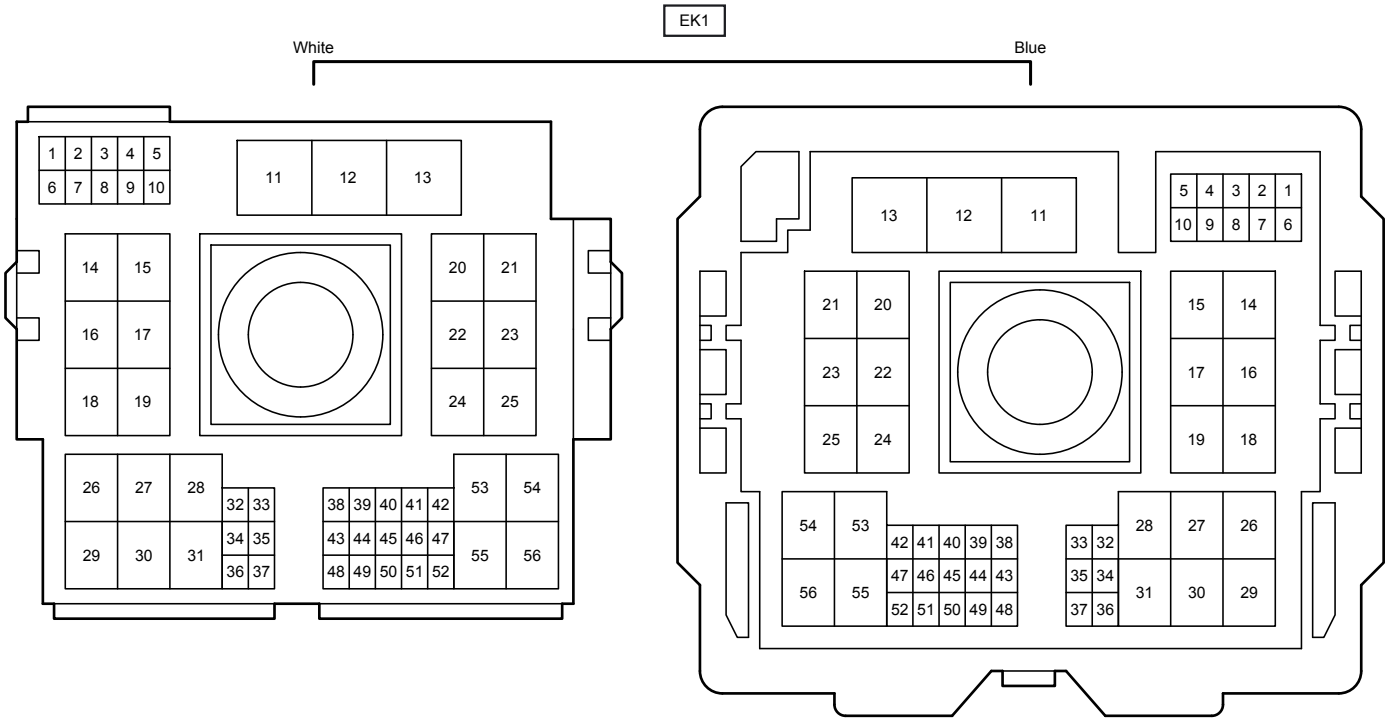
CA1
White



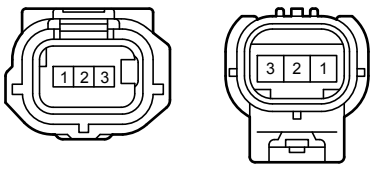

EA3
White



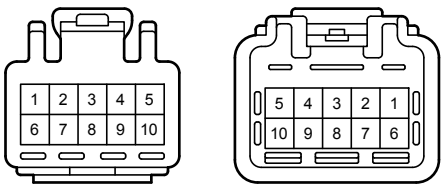

EK1
White Blue



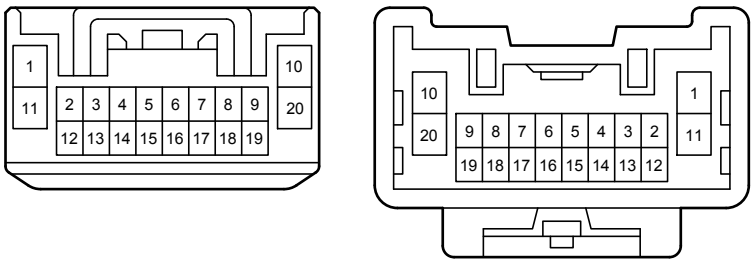
EK3
Black



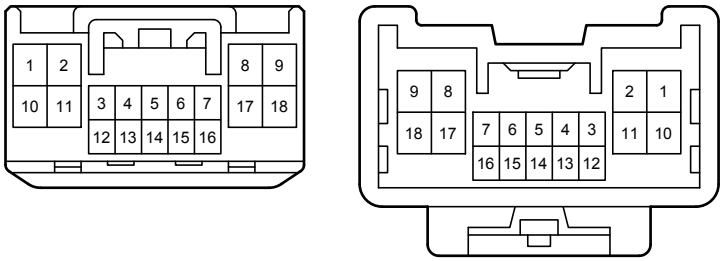

FE5
White



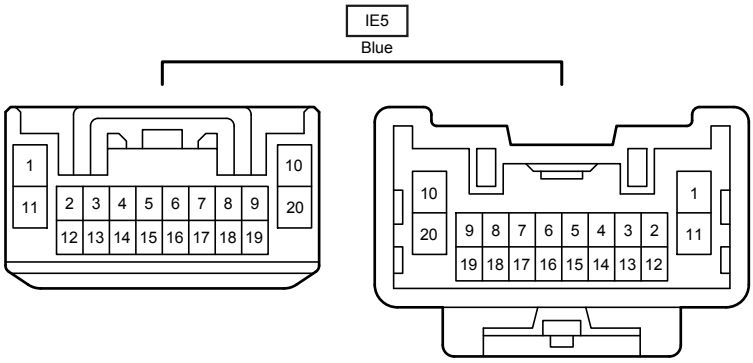

IE2
Blue



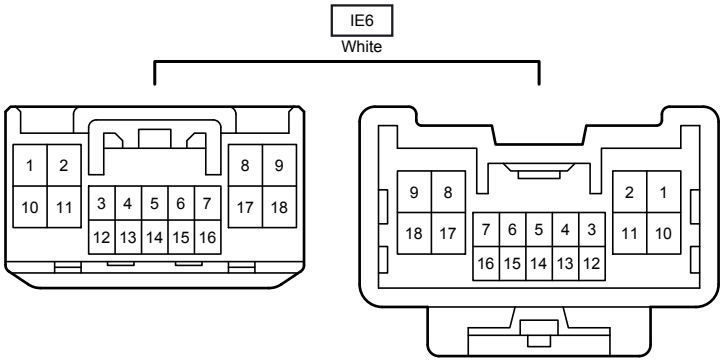

IE3
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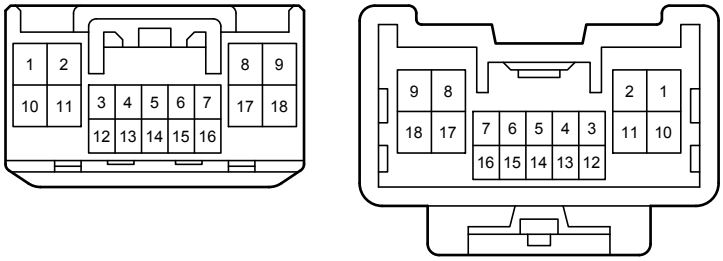

IE5
Blue



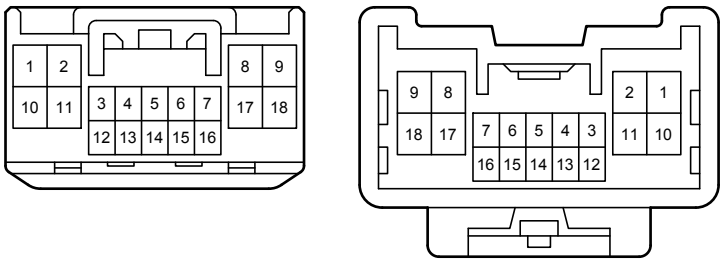

IE6
White



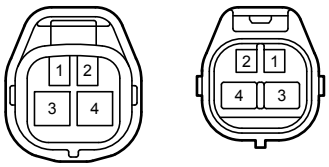
JK1
White



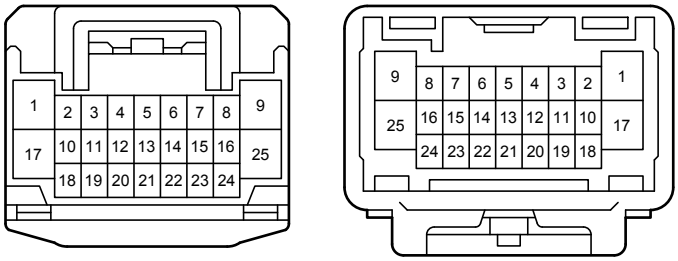

JL1
White



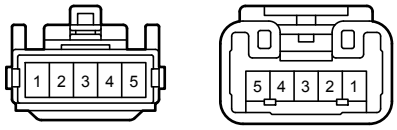

KN1
White



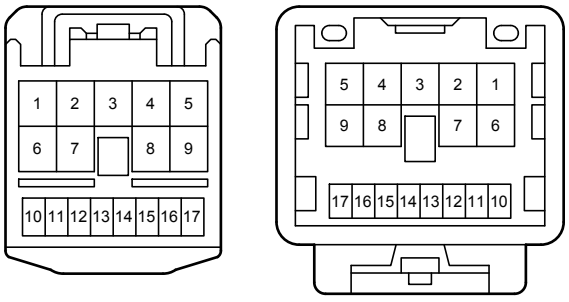

Kc1
White



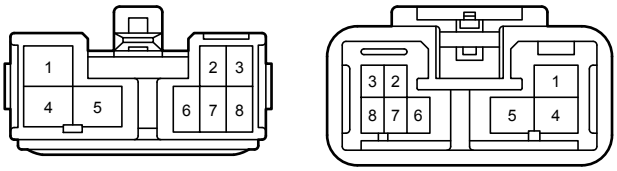

Kd1
White



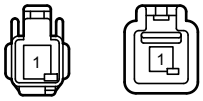

Ki1
White



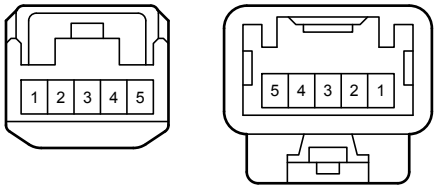

Kz1
Blue



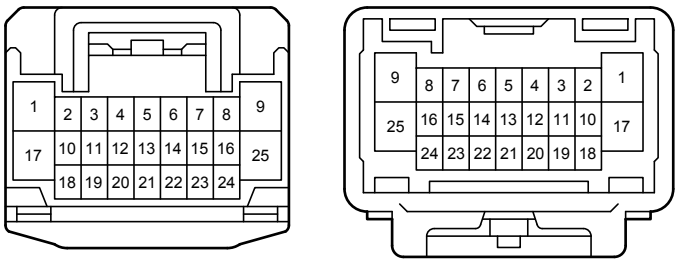
LL1
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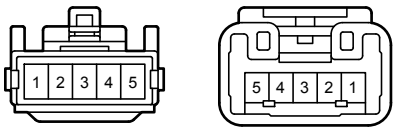

LL3
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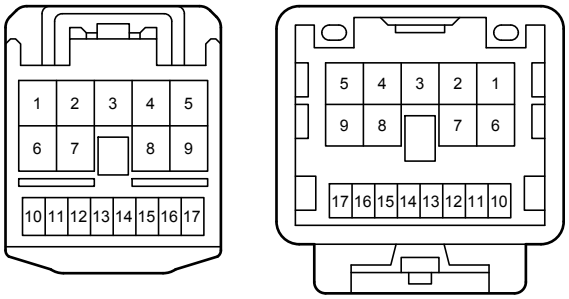

Lc1
White



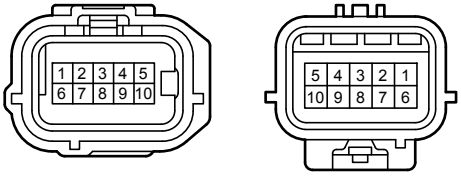

Ld1
White



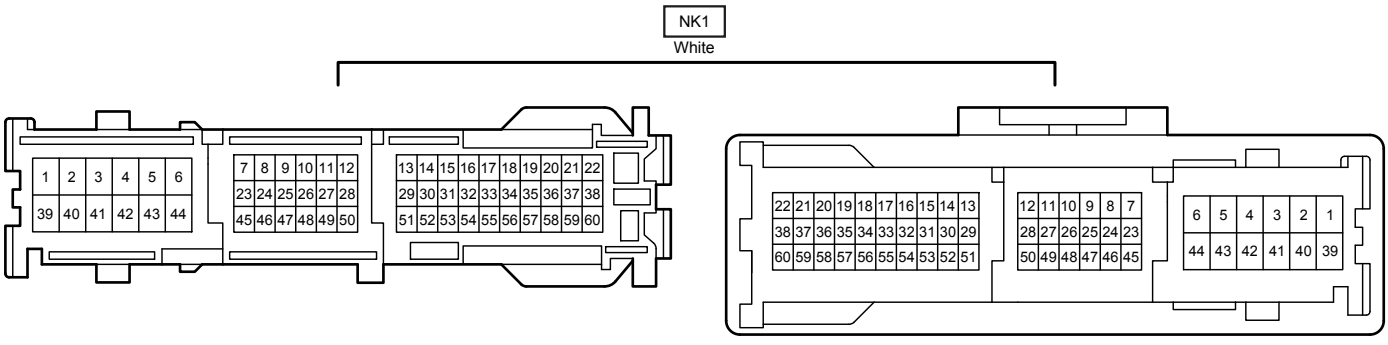

Li1
White



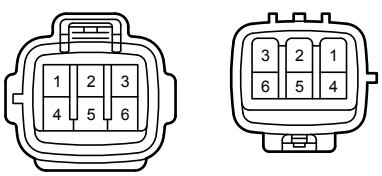

MK1
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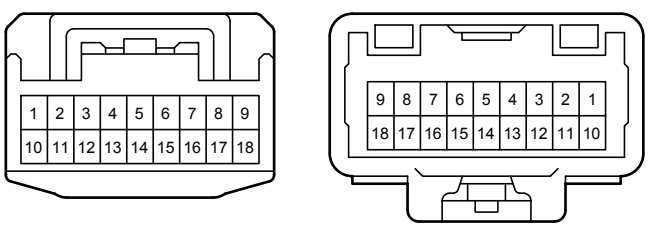

NK1
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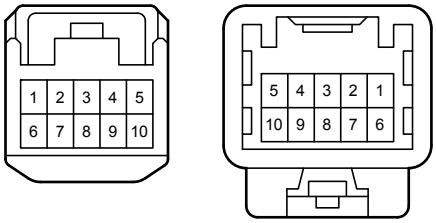

OK1
Black



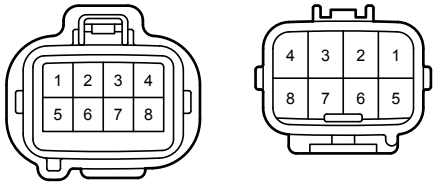

PF1
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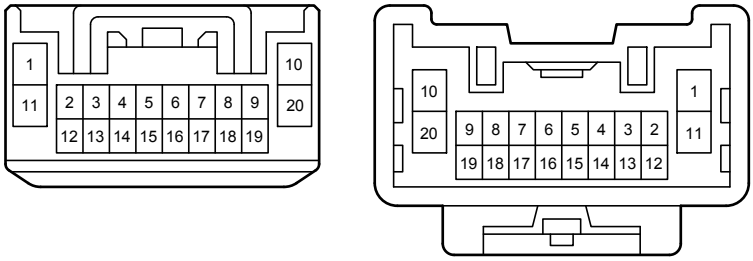
PF2
White



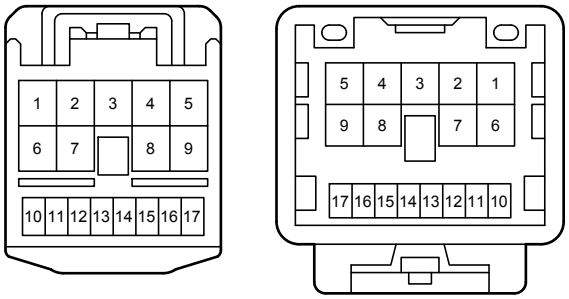

QA1
White



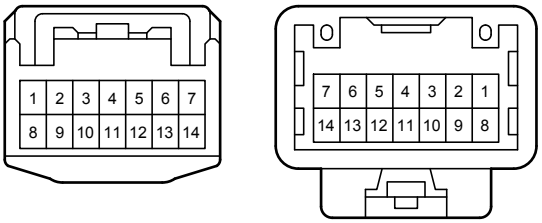

RE2
Blue



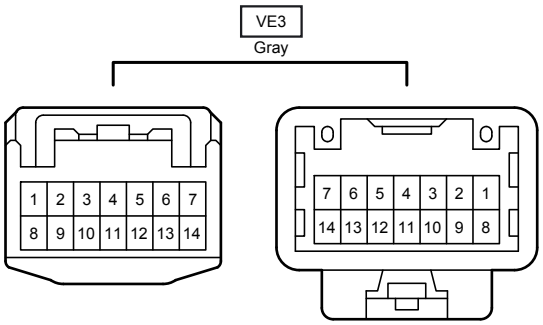

SK1
White



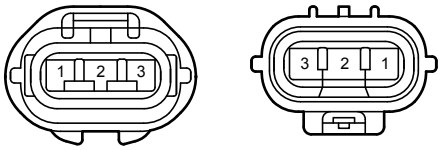

VE1
White



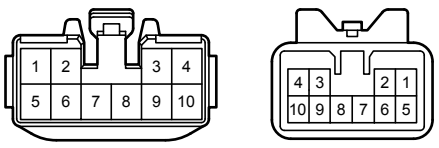

VE3
Gray



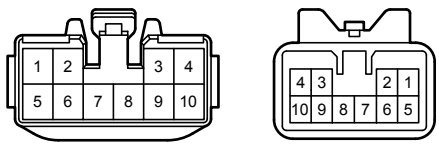

fL2
Black

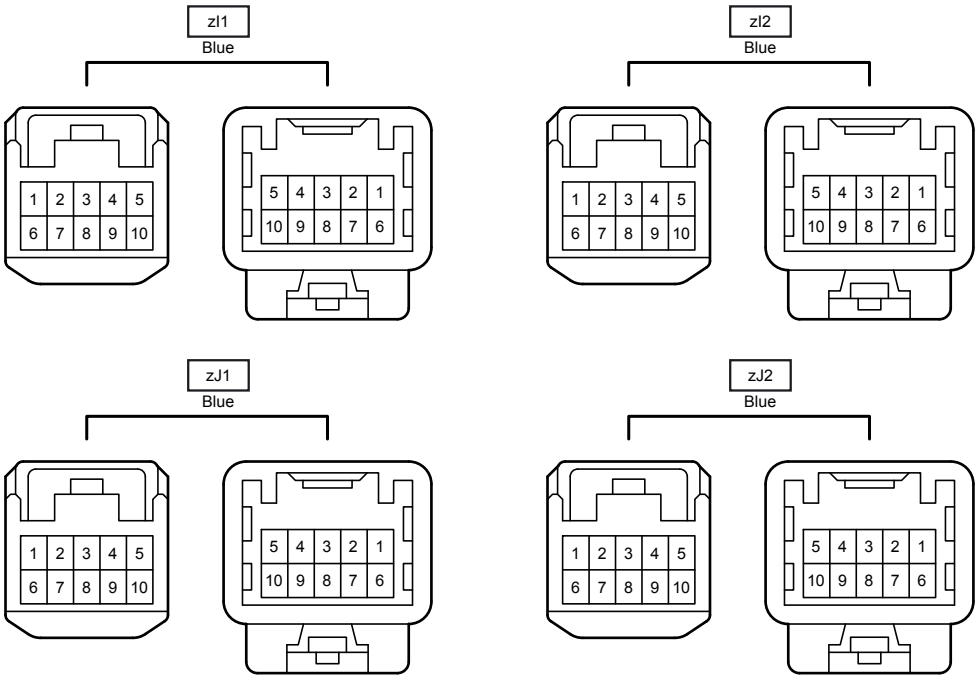


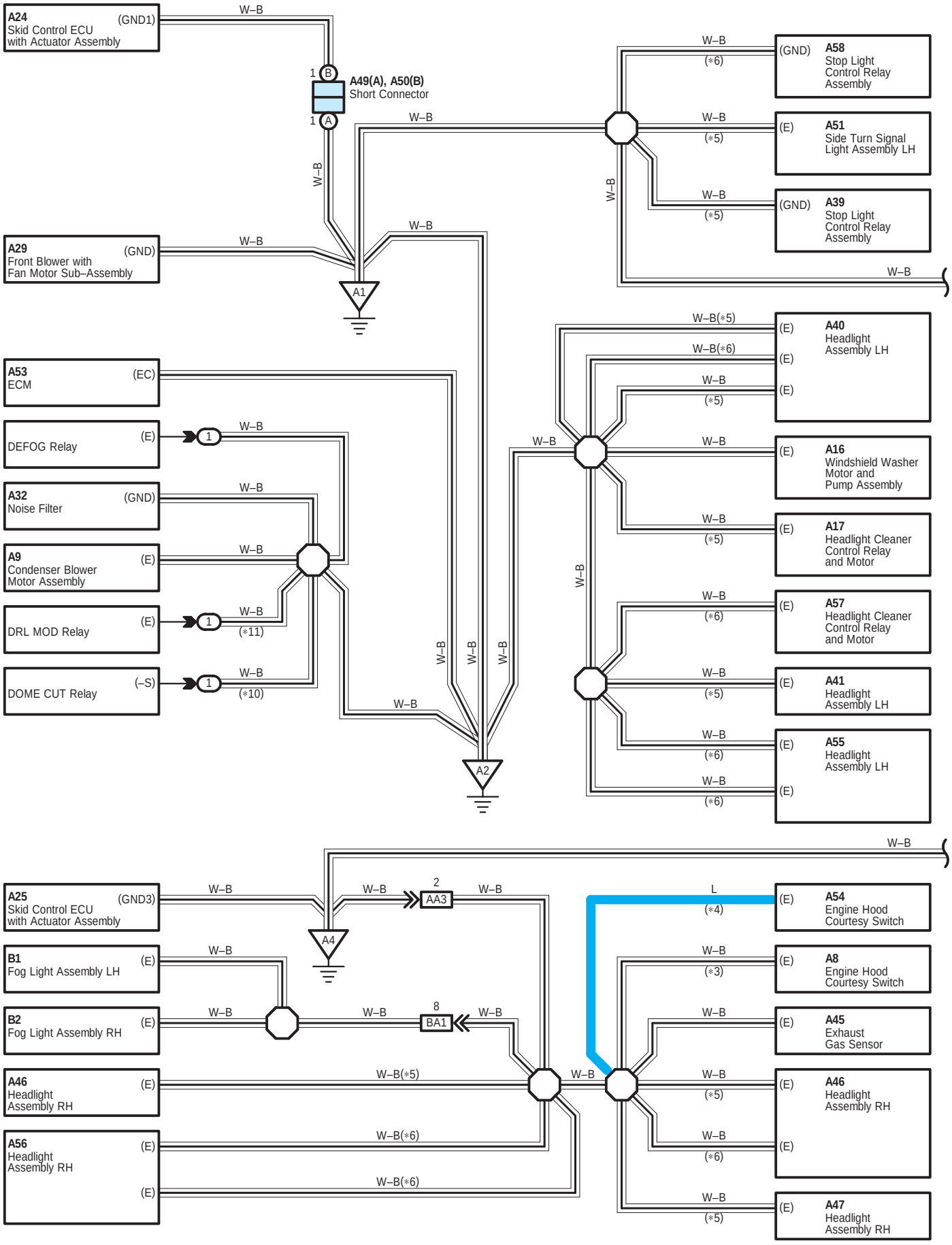

hi1
White

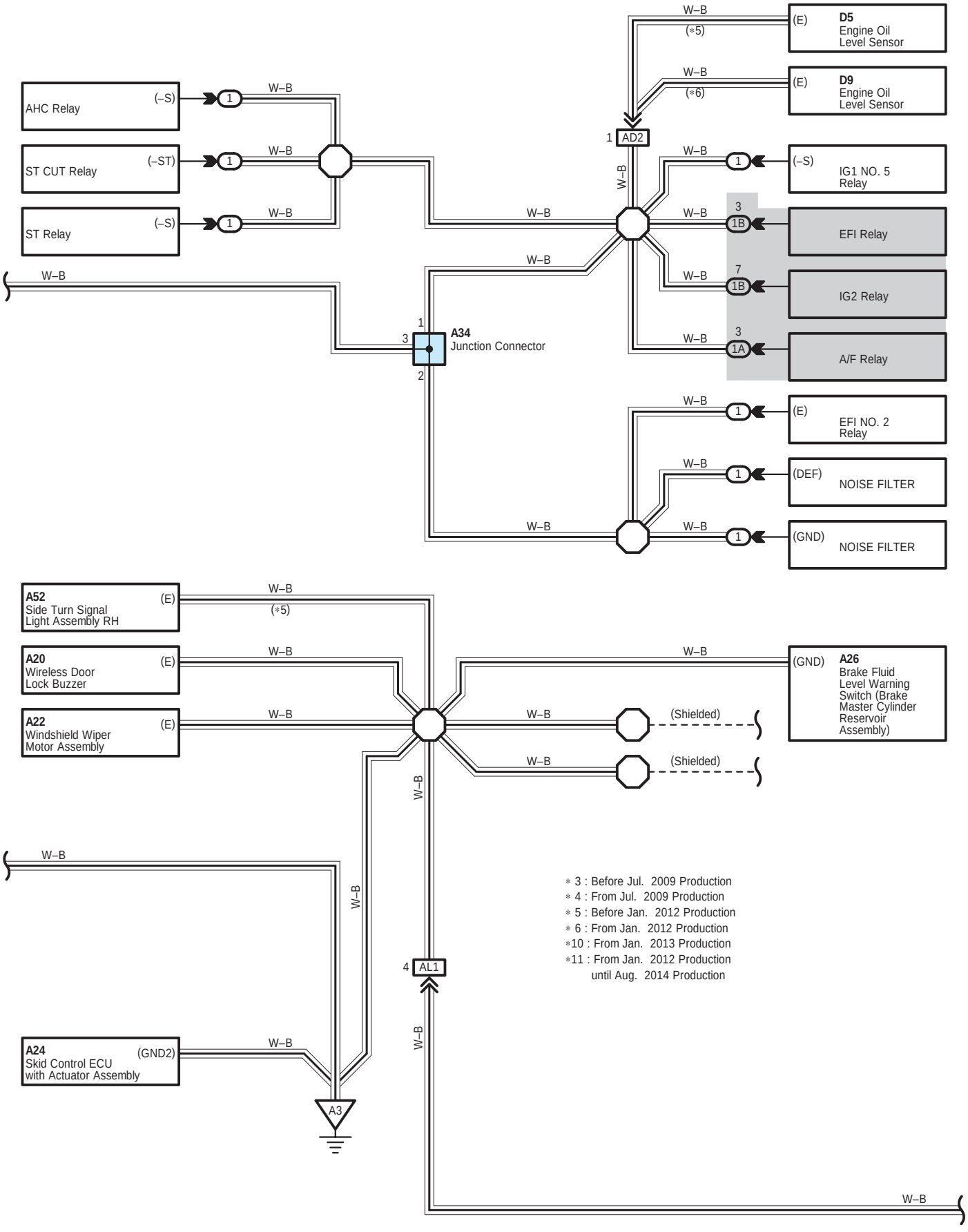


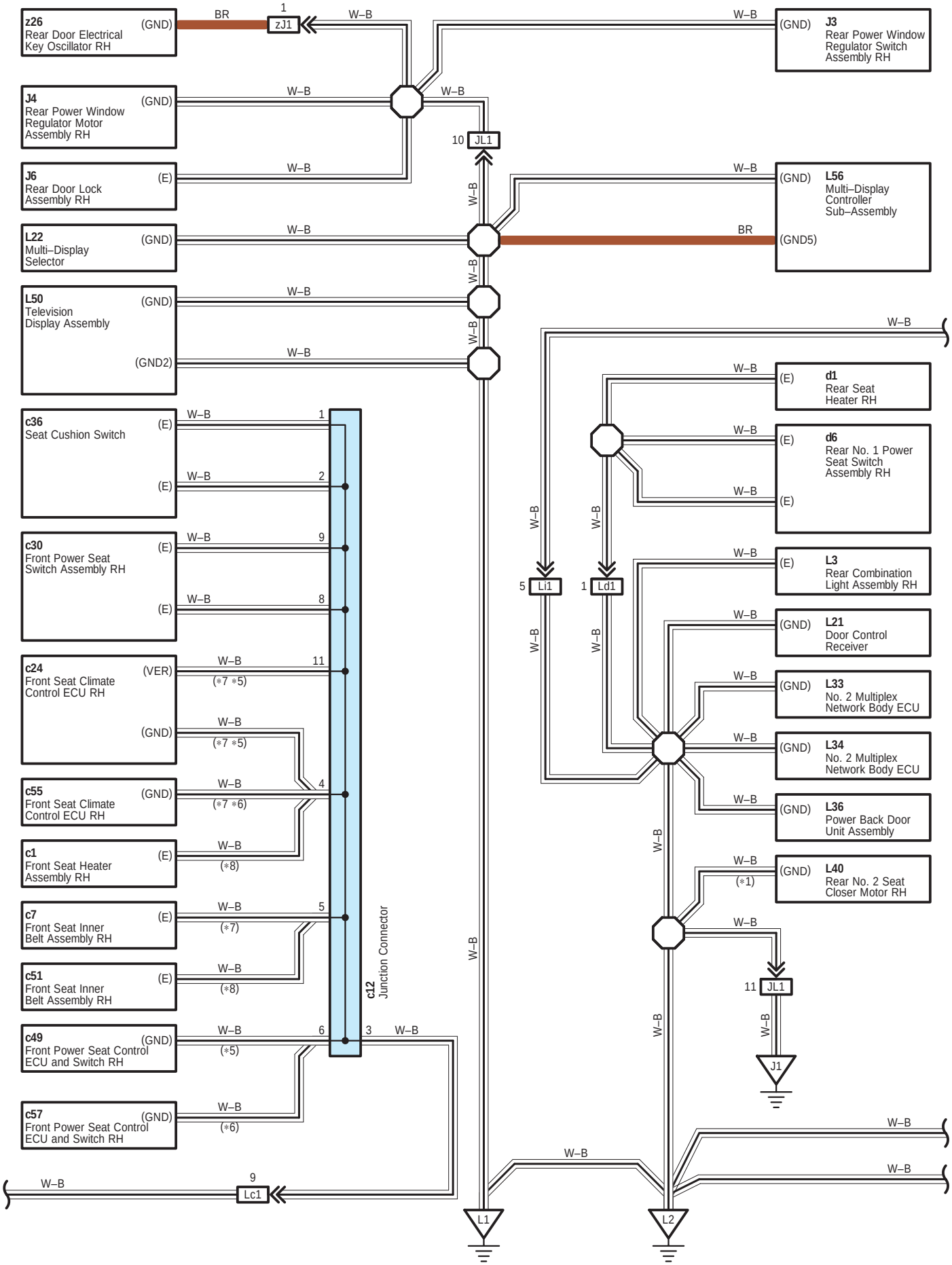

hi2
Blue



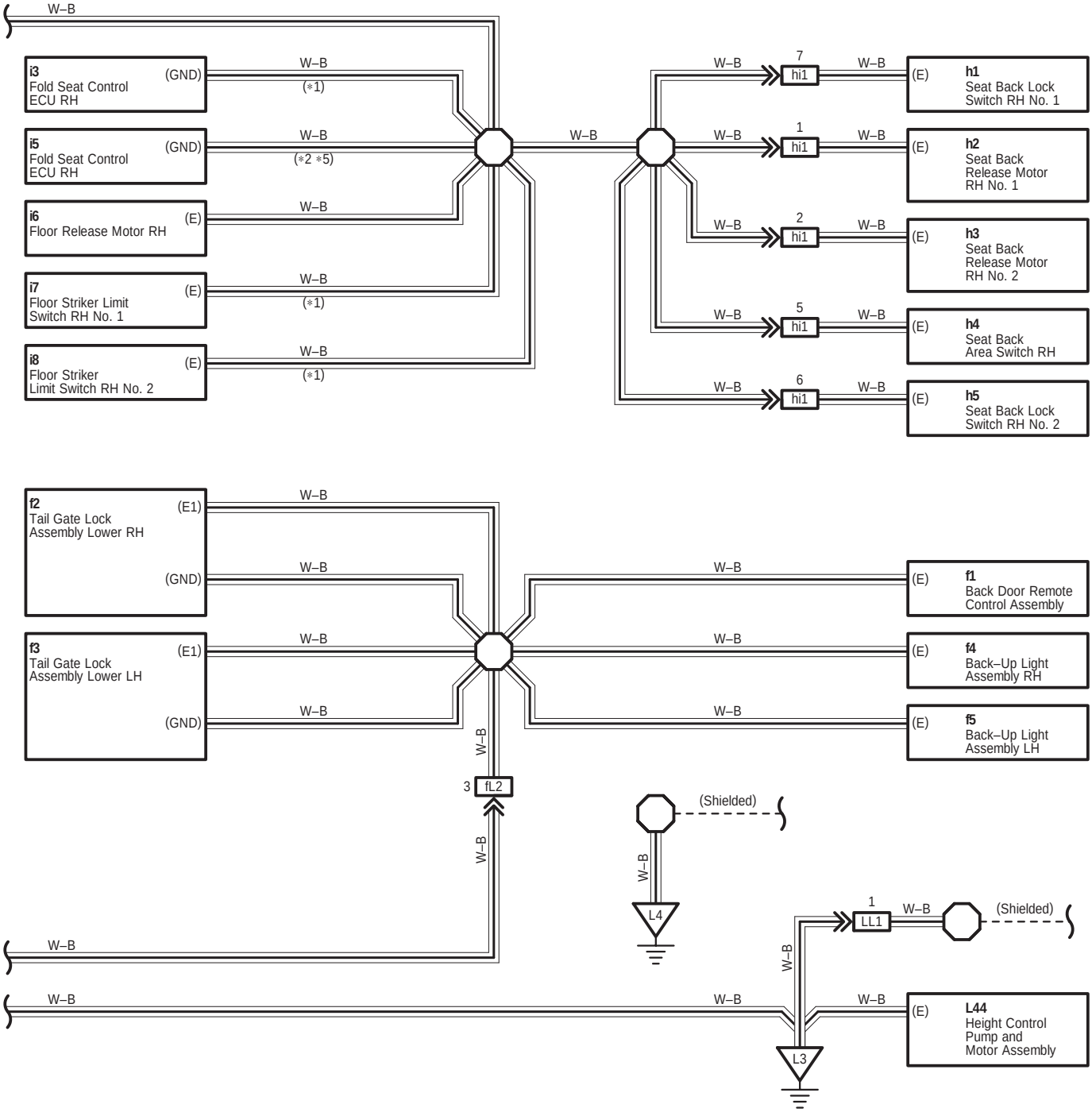

zI1
Blue
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
zI2
Blue
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
zJ1
Blue
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
zJ2
Blue
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

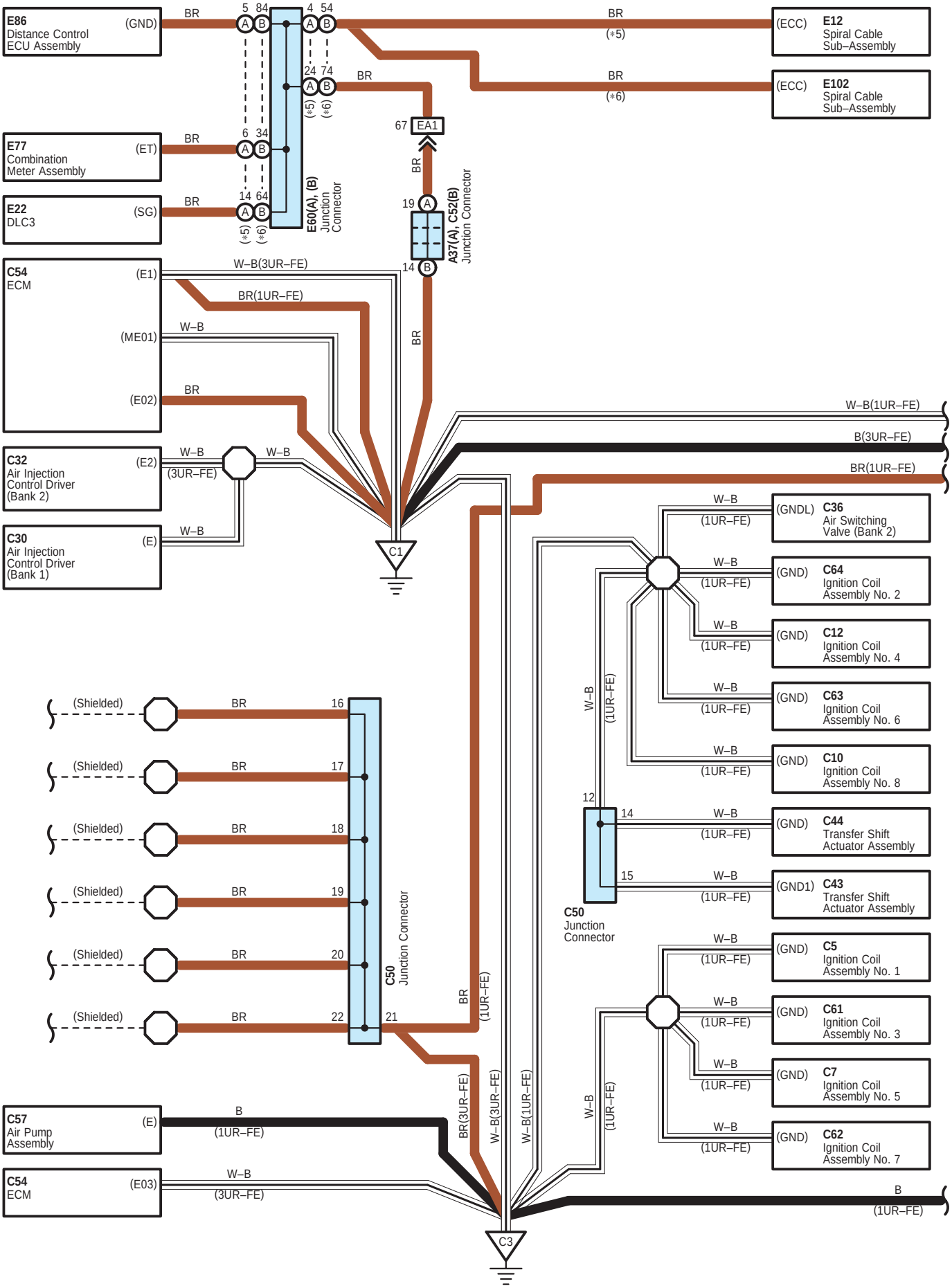

A24
Skid Control ECU
with Actuator Assembly
(GND1)
W–B
1 B
A49(A), A50(B)
Short Connector
1 A
W–B
W–B
W–B
W–B
(*6)
(GND)
A58
Stop Light
Control Relay
Assembly
W–B
(*5)
(E)
A51
Side Turn Signal
Light Assembly LH
W–B
(*5)
(GND)
A39
Stop Light
Control Relay
Assembly
W–B
A29
Front Blower with
Fan Motor Sub–Assembly
(GND)
W–B
W–B
A1
W–B
W–B(*5)
W–B(*6)
W–B
(*5)
(E)
A40
Headlight
Assembly LH
A53
ECM
(EC)
DEFOG Relay
(E)
1
W–B
W–B
W–B
W–B
(E)
A16
Windshield Washer
Motor and
Pump Assembly
A32
Noise Filter
(GND)
W–B
W–B
(E)
A17
Headlight Cleaner
Control Relay
and Motor
A9
Condenser Blower
Motor Assembly
(E)
W–B
W–B
W–B
W–B
(*6)
(E)
A57
Headlight Cleaner
Control Relay
and Motor
DRL MOD Relay
(E)
1
W–B
(*11)
W–B
W–B
W–B
W–B
(*5)
(E)
A41
Headlight
Assembly LH
DOME CUT Relay
(–S)
1
W–B
(*10)
W–B
W–B
(*6)
(E)
A55
Headlight
Assembly LH
W–B
(*6)
(E)
A2
W–B
A25
Skid Control ECU
with Actuator Assembly
(GND3)
W–B
W–B
2
AA3
W–B
L
(*4)
(E)
A54
Engine Hood
Courtesy Switch
A4
B1
Fog Light Assembly LH
(E)
W–B
W–B
(*3)
(E)
A8
Engine Hood
Courtesy Switch
B2
Fog Light Assembly RH
(E)
W–B
W–B
8
BA1
W–B
W–B
(*5)
(E)
A45
Exhaust
Gas Sensor
A46
Headlight
Assembly RH
(E)
W–B(*5)
W–B
W–B
(*5)
(E)
A46
Headlight
Assembly RH
A56
Headlight
Assembly RH
(E)
W–B(*6)
W–B
(*6)
(E)
(E)
W–B(*6)
W–B
(*5)
(E)
A47
Headlight
Assembly RH

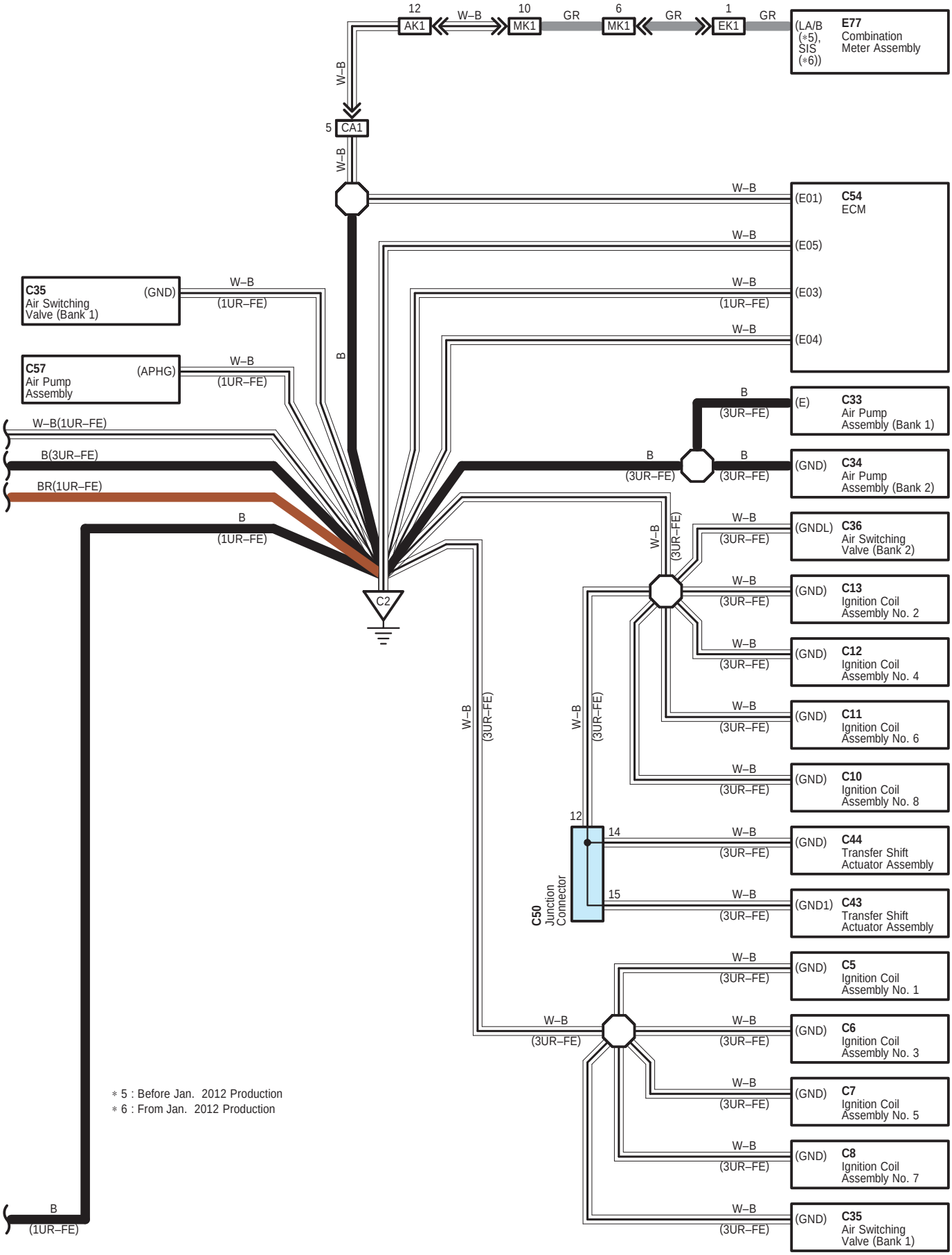

AHC Relay
(–S)
ST CUT Relay
(–ST)
ST Relay
(–S)
W–B
1
AD2
(E)
D5
Engine Oil
Level Sensor
(∗5)
D9
Engine Oil
Level Sensor
(∗6)
(–S)
IG1 NO. 5
Relay
EFI Relay
IG2 Relay
A/F Relay
3
1B
7
1B
3
1A
A34
Junction Connector
(E)
EFI NO. 2
Relay
(DEF)
NOISE FILTER
(GND)
NOISE FILTER
A52
Side Turn Signal
Light Assembly RH
A20
Wireless Door
Lock Buzzer
A22
Windshield Wiper
Motor Assembly
(Shielded)
(GND)
A26
Brake Fluid
Level Warning
Switch (Brake
Master Cylinder
Reservoir
Assembly)
4
AL1
A24
Skid Control ECU
with Actuator Assembly
(GND2)
A3
∗ 3 : Before Jul. 2009 Production
∗ 4 : From Jul. 2009 Production
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗10 : From Jan. 2013 Production
∗11 : From Jan. 2012 Production
until Aug. 2014 Production

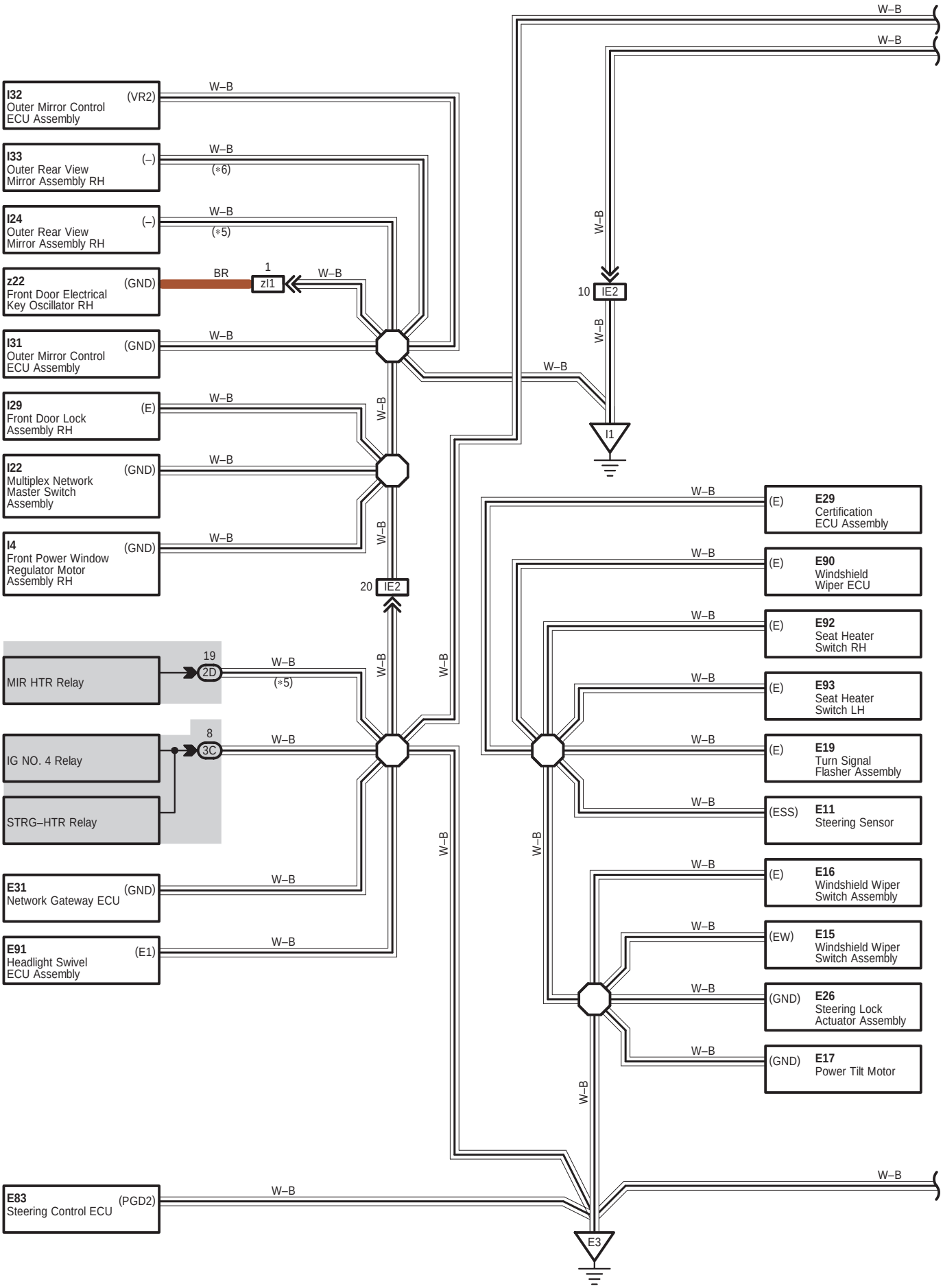

z26
Rear Door Electrical Key Oscillator RH
(GND)
BR
1
zJ1
W–B
J4
Rear Power Window Regulator Motor Assembly RH
(GND)
J6
Rear Door Lock Assembly RH
(E)
L22
Multi–Display Selector
(GND)
L50
Television Display Assembly
(GND)
(GND2)
J3
Rear Power Window Regulator Switch Assembly RH
(GND)
10
JL1
L56
Multi–Display Controller Sub–Assembly
(GND)
(GND5)
c36
Seat Cushion Switch
(E)
(E)
c30
Front Power Seat Switch Assembly RH
(E)
(E)
c24
Front Seat Climate Control ECU RH
(VER)
(GND)
c55
Front Seat Climate Control ECU RH
(GND)
c1
Front Seat Heater Assembly RH
(E)
c7
Front Seat Inner Belt Assembly RH
(E)
c51
Front Seat Inner Belt Assembly RH
(E)
c49
Front Power Seat Control ECU and Switch RH
(GND)
c57
Front Power Seat Control ECU and Switch RH
(GND)
c12
Junction Connector
Lc1
9
L1
L2
5
Li1
1
Ld1
d1
Rear Seat Heater RH
(E)
d6
Rear No. 1 Power Seat Switch Assembly RH
(E)
(E)
L3
Rear Combination Light Assembly RH
(E)
L21
Door Control Receiver
(GND)
L33
No. 2 Multiplex Network Body ECU
(GND)
L34
No. 2 Multiplex Network Body ECU
(GND)
L36
Power Back Door Unit Assembly
(GND)
L40
Rear No. 2 Seat Closer Motor RH
(GND)
11
JL1
J1
W–B
(*1)
(*5)
(*6)
(*7)
(*8)

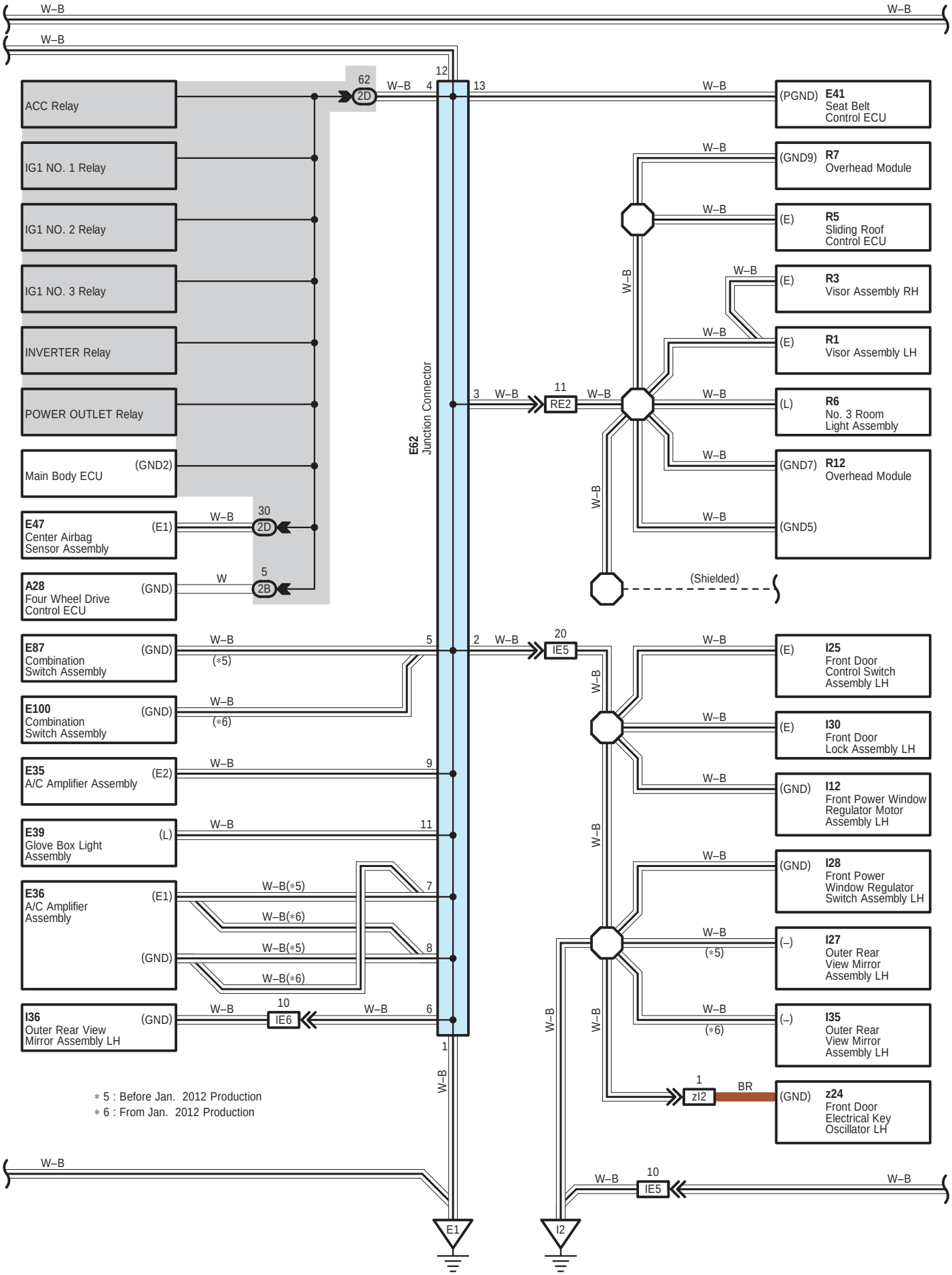
∗ 1 : Automatic Folding–Up Function
∗ 2 : Manual Folding–Up Function
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 7 : w/ Climate Control Seat
∗ 8 : w/o Climate Control Seat

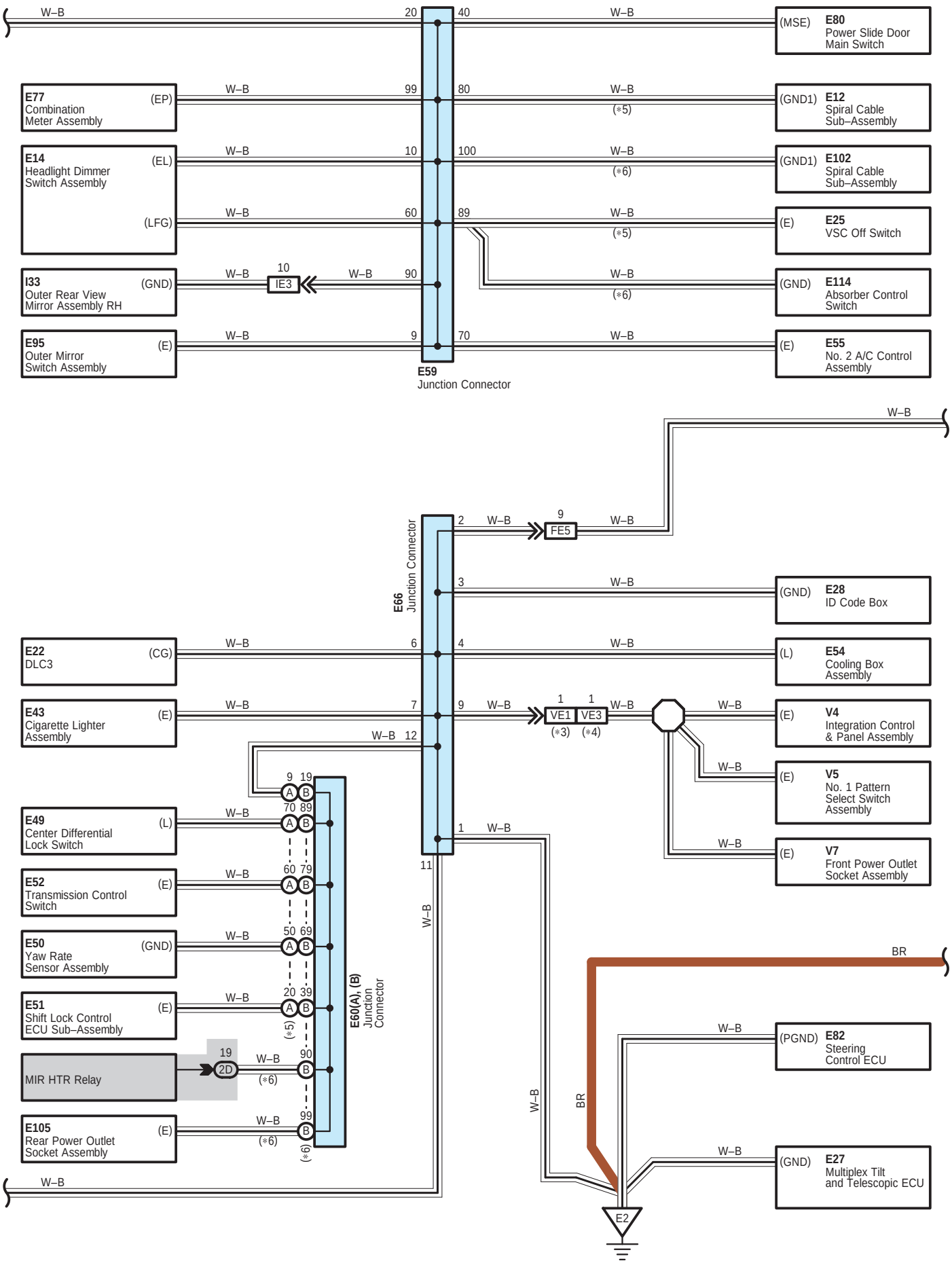


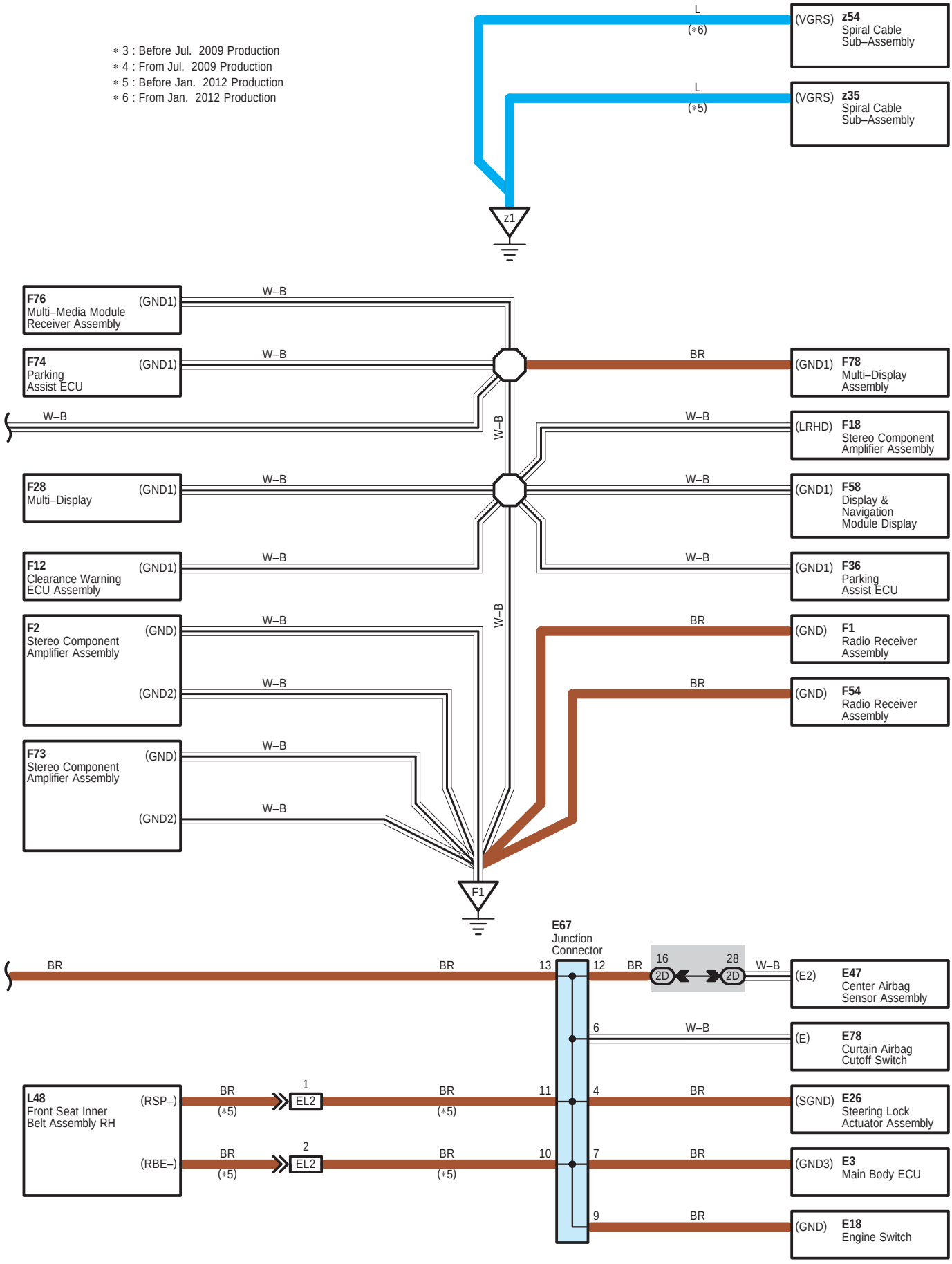

E86
Distance Control
ECU Assembly
(GND)
BR
5 84
4 54
24 74
(*5)
(*6)
BR
(*5)
(ECC)
E12
Spiral Cable
Sub–Assembly
BR
(*6)
(ECC)
E102
Spiral Cable
Sub–Assembly
E77
Combination
Meter Assembly
(ET)
6 34
67 EA1
BR
E22
DLC3
(SG)
14 64
19 A
14 B
E60(A), (B)
Junction
Connector
A37(A), C52(B)
Junction Connector
C54
ECM
(E1)
W–B(3UR–FE)
BR(1UR–FE)
(ME01)
W–B
(E02)
BR
C32
Air Injection
Control Driver
(Bank 2)
(E2)
W–B
(3UR–FE)
W–B
C30
Air Injection
Control Driver
(Bank 1)
(E)
W–B
C1
W–B(1UR–FE)
B(3UR–FE)
BR(1UR–FE)
(Shielded)
BR
16
17
18
19
20
21
22
C50
Junction Connector
W–B
(1UR–FE)
(GNDL)
C36
Air Switching
Valve (Bank 2)
(GND)
C64
Ignition Coil
Assembly No. 2
C12
Ignition Coil
Assembly No. 4
C63
Ignition Coil
Assembly No. 6
C10
Ignition Coil
Assembly No. 8
12
14
15
C50
Junction
Connector
C44
Transfer Shift
Actuator Assembly
(GND1)
C43
Transfer Shift
Actuator Assembly
C5
Ignition Coil
Assembly No. 1
C61
Ignition Coil
Assembly No. 3
C7
Ignition Coil
Assembly No. 5
C62
Ignition Coil
Assembly No. 7
C57
Air Pump
Assembly
(E)
B
(1UR–FE)
C54
ECM
(E03)
W–B
(3UR–FE)
BR(3UR–FE)
W–B(3UR–FE)
W–B(1UR–FE)
B
(1UR–FE)
C3

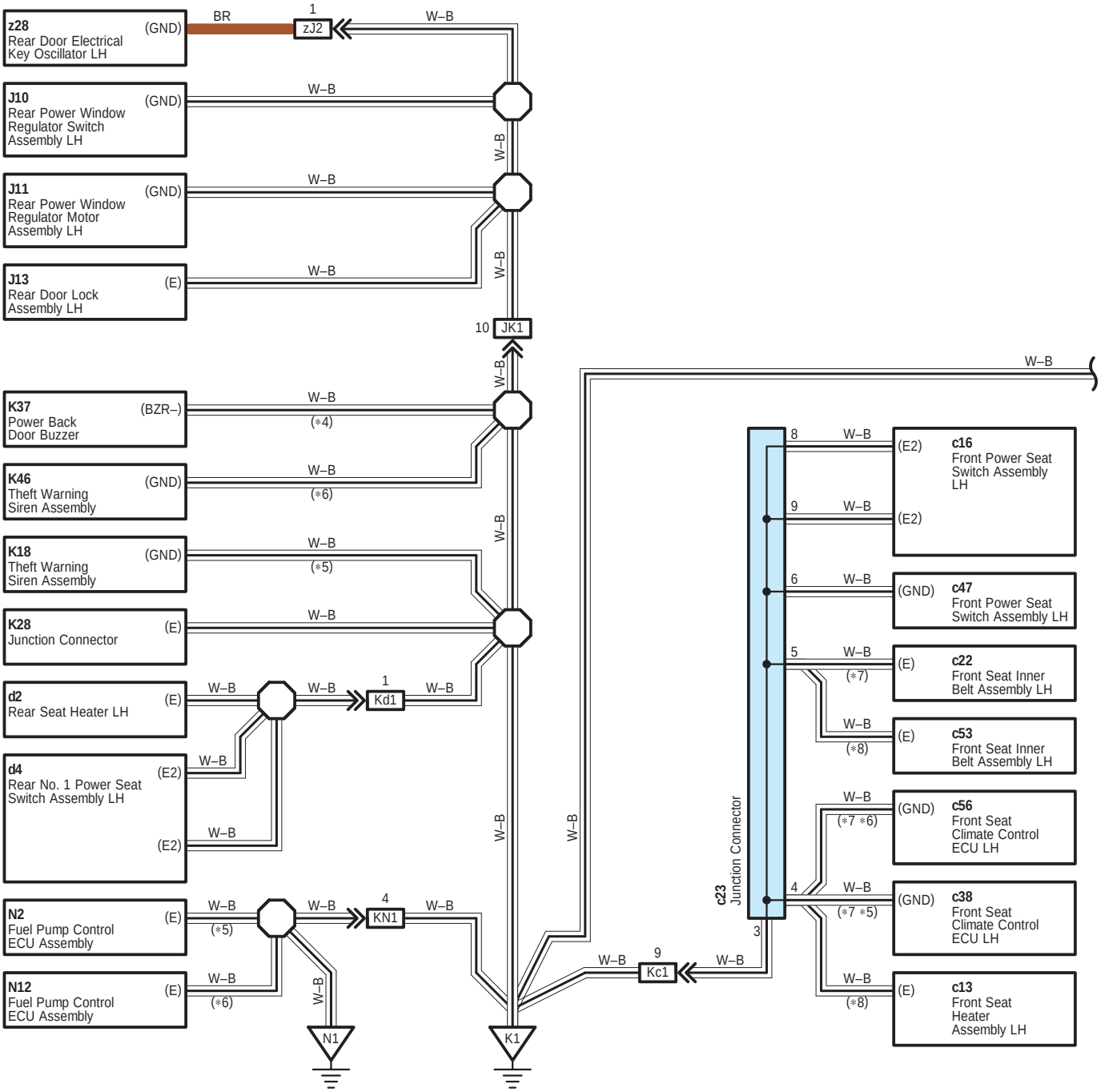

12
AK1
W–B
10
MK1
GR
6
MK1
GR
1
EK1
GR
(LA/B (*5), SIS (*6))
E77
Combination Meter Assembly
W–B
5
CA1
W–B
W–B
(E01)
C54
ECM
W–B
(E05)
W–B
(E03)
(1UR–FE)
W–B
(E04)
C35
Air Switching Valve (Bank 1)
(GND)
W–B
(1UR–FE)
C57
Air Pump Assembly
(APHG)
W–B
(1UR–FE)
B
W–B(1UR–FE)
B(3UR–FE)
BR(1UR–FE)
B
(1UR–FE)
B
(3UR–FE)
(E)
C33
Air Pump Assembly (Bank 1)
B
(3UR–FE)
B
(3UR–FE)
(GND)
C34
Air Pump Assembly (Bank 2)
C2
W–B
(3UR–FE)
(GNDL)
C36
Air Switching Valve (Bank 2)
(GND)
C13
Ignition Coil Assembly No. 2
(GND)
C12
Ignition Coil Assembly No. 4
(GND)
C11
Ignition Coil Assembly No. 6
(GND)
C10
Ignition Coil Assembly No. 8
W–B
(3UR–FE)
W–B
(3UR–FE)
12
14
15
C50
Junction Connector
(GND)
C44
Transfer Shift Actuator Assembly
(GND1)
C43
Transfer Shift Actuator Assembly
(GND)
C5
Ignition Coil Assembly No. 1
W–B
(3UR–FE)
(GND)
C6
Ignition Coil Assembly No. 3
(GND)
C7
Ignition Coil Assembly No. 5
(GND)
C8
Ignition Coil Assembly No. 7
(GND)
C35
Air Switching Valve (Bank 1)
B
(1UR–FE)
* 5 : Before Jan. 2012 Production
* 6 : From Jan. 2012 Production

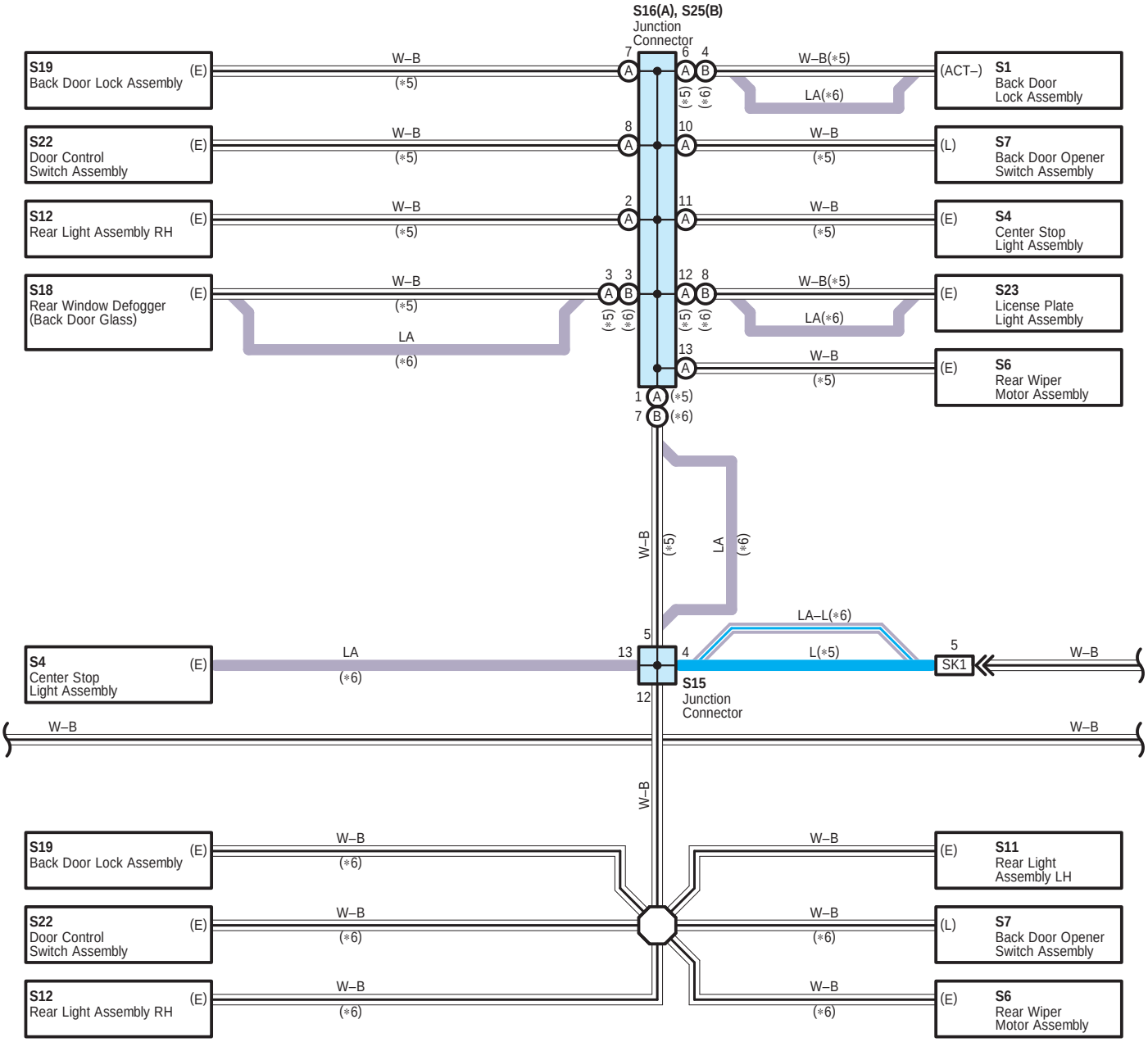

I32
Outer Mirror Control ECU Assembly
(VR2)
I33
Outer Rear View Mirror Assembly RH
(–)
I24
Outer Rear View Mirror Assembly RH
(–)
z22
Front Door Electrical Key Oscillator RH
(GND)
I31
Outer Mirror Control ECU Assembly
(GND)
I29
Front Door Lock Assembly RH
(E)
I22
Multiplex Network Master Switch Assembly
(GND)
I4
Front Power Window Regulator Motor Assembly RH
(GND)
MIR HTR Relay
IG NO. 4 Relay
STRG–HTR Relay
E31
Network Gateway ECU
(GND)
E91
Headlight Swivel ECU Assembly
(E1)
E83
Steering Control ECU
(PGD2)
E29
Certification ECU Assembly
(E)
E90
Windshield Wiper ECU
(E)
E92
Seat Heater Switch RH
(E)
E93
Seat Heater Switch LH
(E)
E19
Turn Signal Flasher Assembly
(E)
E11
Steering Sensor
(ESS)
E16
Windshield Wiper Switch Assembly
(E)
E15
Windshield Wiper Switch Assembly
(EW)
E26
Steering Lock Actuator Assembly
(GND)
E17
Power Tilt Motor
(GND)
W–B
BR
(*5)
(*6)
1
zI1
10
IE2
20
IE2
19
2D
8
3C
I1
E3


W–B
W–B
W–B
W–B
ACC Relay
IG1 NO. 1 Relay
IG1 NO. 2 Relay
IG1 NO. 3 Relay
INVERTER Relay
POWER OUTLET Relay
Main Body ECU
(GND2)
E47
Center Airbag
Sensor Assembly
(E1)
A28
Four Wheel Drive
Control ECU
(GND)
E87
Combination
Switch Assembly
(GND)
E100
Combination
Switch Assembly
(GND)
E35
A/C Amplifier Assembly
(E2)
E39
Glove Box Light
Assembly
(L)
E36
A/C Amplifier
Assembly
(E1)
(GND)
I36
Outer Rear View
Mirror Assembly LH
(GND)
62
2D
12
4
13
30
2D
5
2B
5
2
9
11
7
8
10
IE6
6
1
E62
Junction Connector
3
11
RE2
20
IE5
(PGND)
E41
Seat Belt
Control ECU
(GND9)
R7
Overhead Module
(E)
R5
Sliding Roof
Control ECU
(E)
R3
Visor Assembly RH
(E)
R1
Visor Assembly LH
(L)
R6
No. 3 Room
Light Assembly
(GND7)
R12
Overhead Module
(GND5)
(Shielded)
(E)
I25
Front Door
Control Switch
Assembly LH
(E)
I30
Front Door
Lock Assembly LH
(GND)
I12
Front Power Window
Regulator Motor
Assembly LH
(GND)
I28
Front Power
Window Regulator
Switch Assembly LH
(–)
I27
Outer Rear
View Mirror
Assembly LH
(–)
I35
Outer Rear
View Mirror
Assembly LH
1
zI2
BR
(GND)
z24
Front Door
Electrical Key
Oscillator LH
W–B(∗5)
W–B(∗6)
W–B(∗5)
W–B(∗6)
(∗5)
(∗6)
(∗5)
(∗6)
10
IE5
E1
I2
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production


W–B
20
40
(MSE)
E80
Power Slide Door Main Switch
E77
(EP)
Combination Meter Assembly
99
80
(GND1)
E12
Spiral Cable Sub–Assembly
(*5)
E14
(EL)
Headlight Dimmer Switch Assembly
10
100
(GND1)
E102
Spiral Cable Sub–Assembly
(*6)
(LFG)
60
89
(E)
E25
VSC Off Switch
(*5)
I33
(GND)
Outer Rear View Mirror Assembly RH
IE3
90
(GND)
E114
Absorber Control Switch
(*6)
E95
(E)
Outer Mirror Switch Assembly
9
70
(E)
E55
No. 2 A/C Control Assembly
E59
Junction Connector
E66
Junction Connector
2
FE5
3
(GND)
E28
ID Code Box
E22
(CG)
DLC3
6
4
(L)
E54
Cooling Box Assembly
E43
(E)
Cigarette Lighter Assembly
7
VE1
VE3
(*3)
(*4)
V4
Integration Control & Panel Assembly
V5
No. 1 Pattern Select Switch Assembly
V7
Front Power Outlet Socket Assembly
12
11
1
E49
(L)
Center Differential Lock Switch
E52
(E)
Transmission Control Switch
E50
(GND)
Yaw Rate Sensor Assembly
E51
(E)
Shift Lock Control ECU Sub–Assembly
MIR HTR Relay
2D
E105
(E)
Rear Power Outlet Socket Assembly
E60(A), (B)
Junction Connector
BR
(PGND)
E82
Steering Control ECU
(GND)
E27
Multiplex Tilt and Telescopic ECU
E2

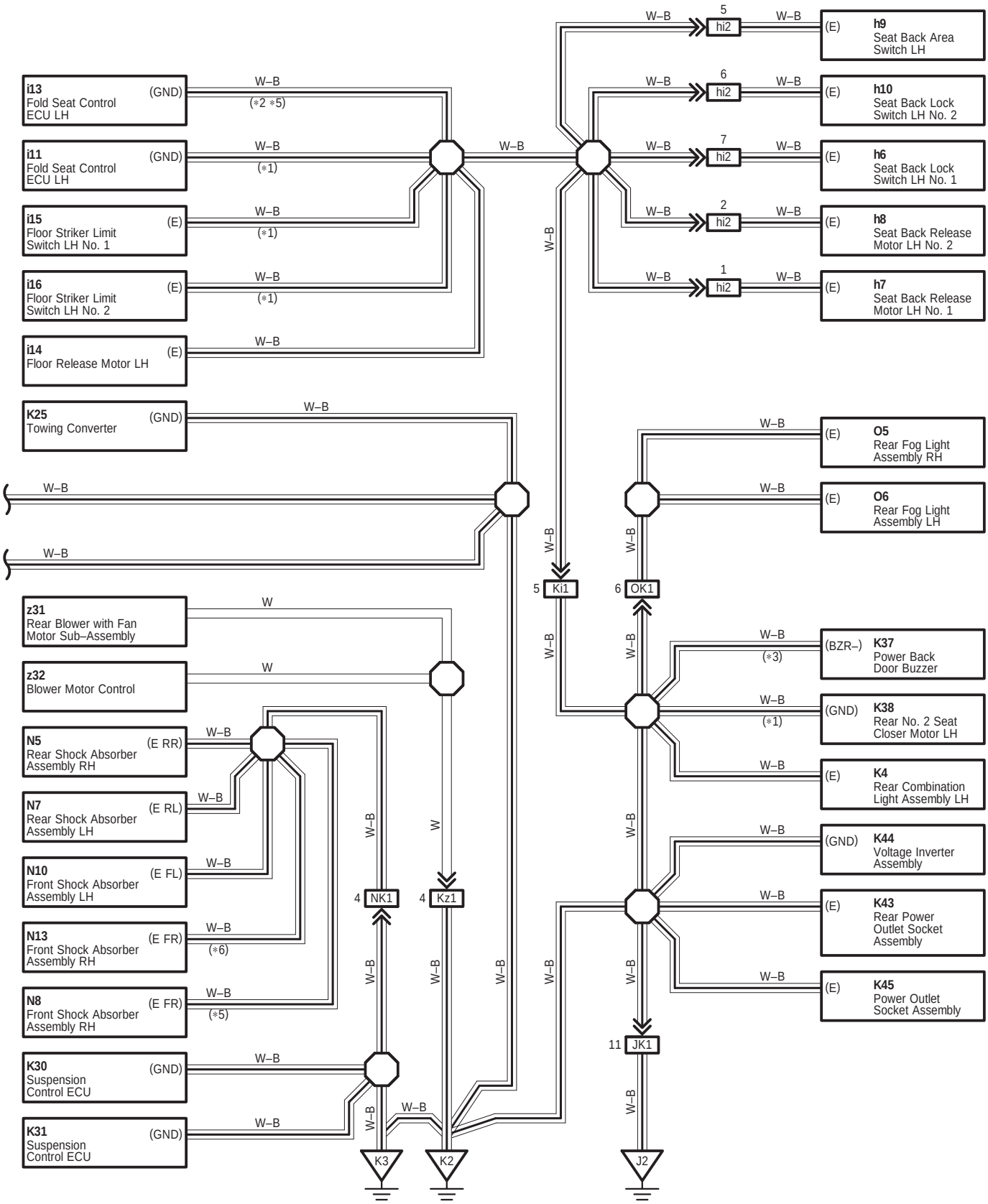

∗ 3 : Before Jul. 2009 Production
∗ 4 : From Jul. 2009 Production
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
L
(∗6)
(VGRS) z54 Spiral Cable Sub–Assembly
L
(∗5)
(VGRS) z35 Spiral Cable Sub–Assembly
z1
F76 Multi–Media Module Receiver Assembly (GND1)
F74 Parking Assist ECU (GND1)
F28 Multi–Display (GND1)
F12 Clearance Warning ECU Assembly (GND1)
F2 Stereo Component Amplifier Assembly (GND) (GND2)
F73 Stereo Component Amplifier Assembly (GND) (GND2)
W–B
BR
(GND1) F78 Multi–Display Assembly
(LRHD) F18 Stereo Component Amplifier Assembly
(GND1) F58 Display & Navigation Module Display
(GND1) F36 Parking Assist ECU
(GND) F1 Radio Receiver Assembly
(GND) F54 Radio Receiver Assembly
F1
E67 Junction Connector
13
12
16
28
2D
(E2) E47 Center Airbag Sensor Assembly
6
(E) E78 Curtain Airbag Cutoff Switch
11
4
(SGND) E26 Steering Lock Actuator Assembly
10
7
(GND3) E3 Main Body ECU
9
(GND) E18 Engine Switch
L48 Front Seat Inner Belt Assembly RH
(RSP–)
(RBE–)
1
2
EL2
(∗5)


z28
Rear Door Electrical Key Oscillator LH
(GND)
BR
1
zJ2
W–B
J10
Rear Power Window Regulator Switch Assembly LH
(GND)
J11
Rear Power Window Regulator Motor Assembly LH
(GND)
J13
Rear Door Lock Assembly LH
(E)
10
JK1
K37
Power Back Door Buzzer
(BZR–)
(∗4)
K46
Theft Warning Siren Assembly
(GND)
(∗6)
K18
Theft Warning Siren Assembly
(GND)
(∗5)
K28
Junction Connector
(E)
d2
Rear Seat Heater LH
(E)
1
Kd1
d4
Rear No. 1 Power Seat Switch Assembly LH
(E2)
(E2)
N2
Fuel Pump Control ECU Assembly
(E)
(∗5)
4
KN1
N12
Fuel Pump Control ECU Assembly
(E)
(∗6)
N1
K1
9
Kc1
c23
Junction Connector
8
9
6
5
4
3
(E2)
(E2)
(GND)
(E)
(GND)
(E)
(∗7)
(∗8)
(∗7 ∗6)
(∗7 ∗5)
(∗8)
c16
Front Power Seat Switch Assembly LH
c47
Front Power Seat Switch Assembly LH
c22
Front Seat Inner Belt Assembly LH
c53
Front Seat Inner Belt Assembly LH
c56
Front Seat Climate Control ECU LH
c38
Front Seat Climate Control ECU LH
c13
Front Seat Heater Assembly LH

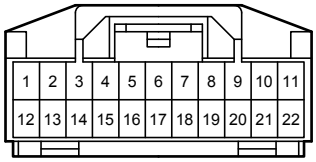



∗ 4 : From Jul. 2009 Production
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 7 : w/ Climate Control Seat
∗ 8 : w/o Climate Control Seat

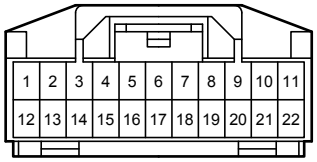
∗ 1 : Automatic Folding–Up Function
∗ 2 : Manual Folding–Up Function
∗ 3 : Before Jul. 2009 Production
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production



A 34
White



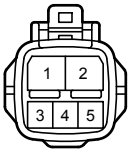

A 37
Blue



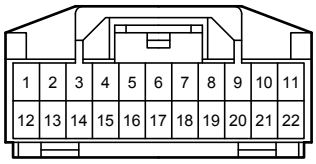

A 49
Gray



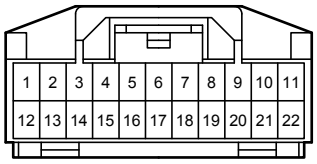

A 50
Gray



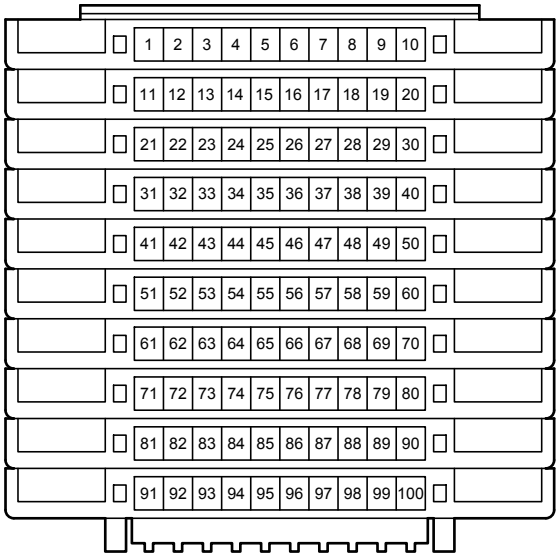

C 50
White



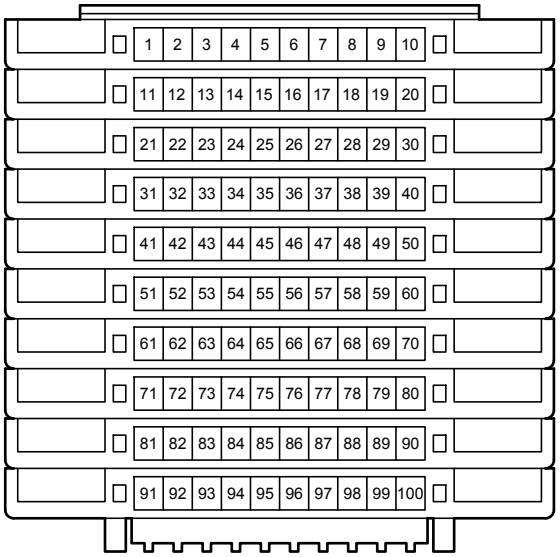

C 52
Blue



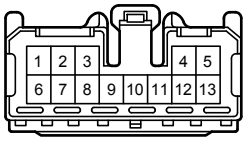

E 59
White



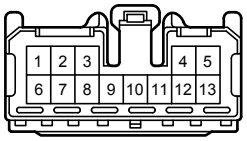

E 60
White



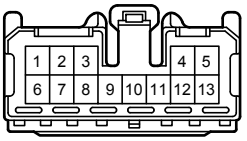

E 62
White



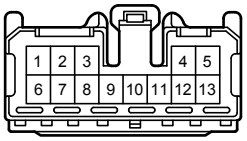

E 66
White



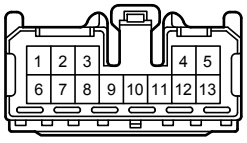

E 67
White



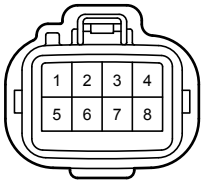

S 15
White



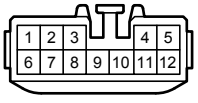

S 16
White



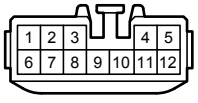

S 25
Dark Gray



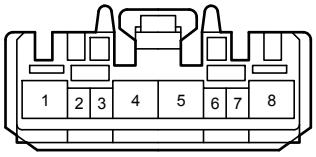

c 12
White



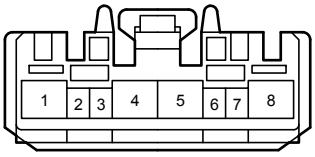

c 23
White



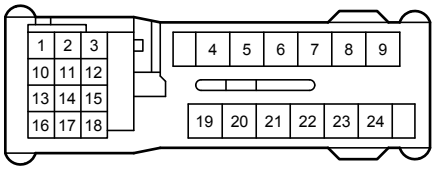

1A
White



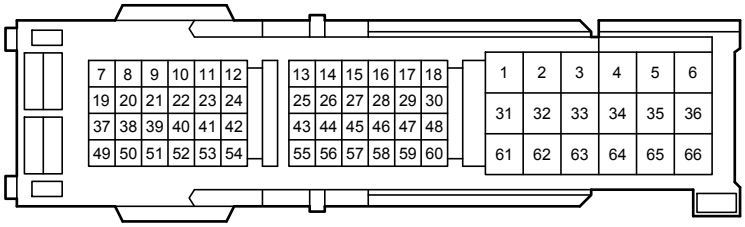

1B
White



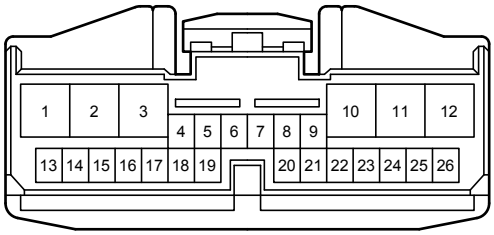

2B
White



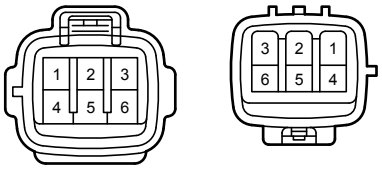
2D
White



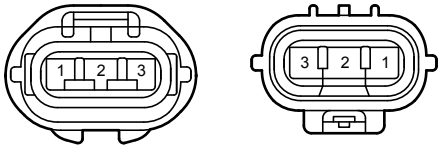

3C
White



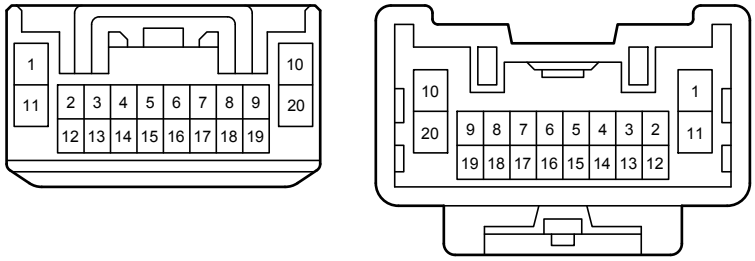

AA3
Gray



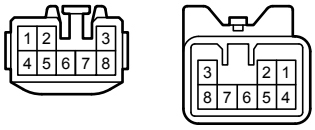

AD2
Black



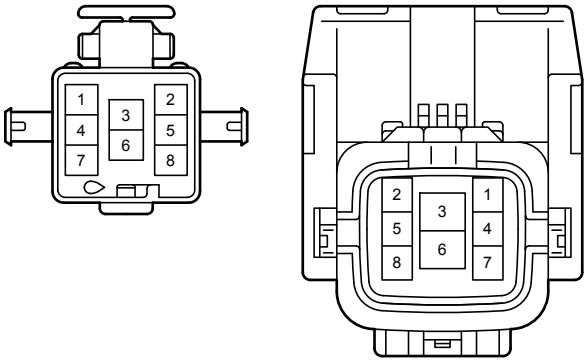

AK1
Blue



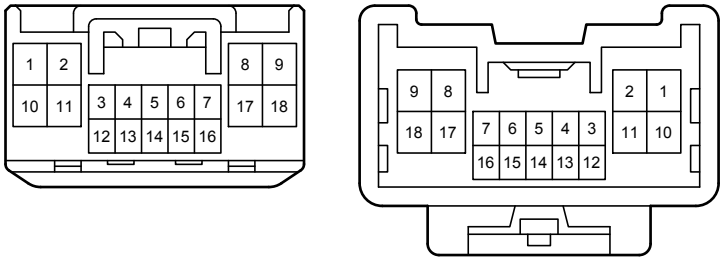

AL1
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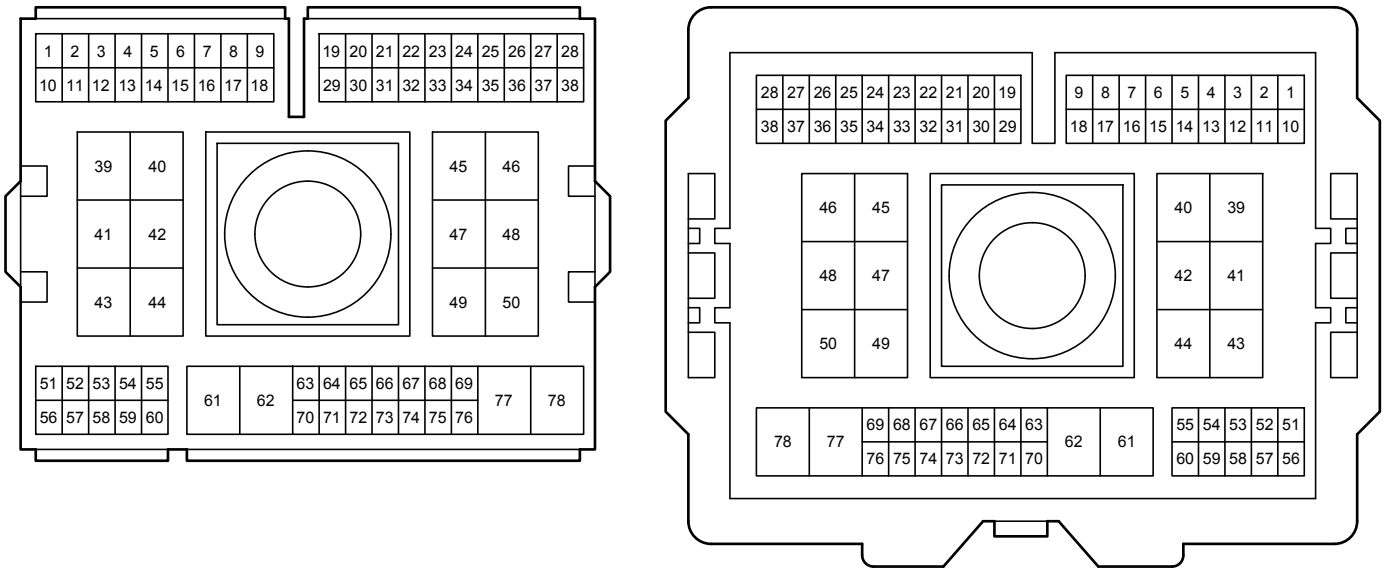

BA1
Black



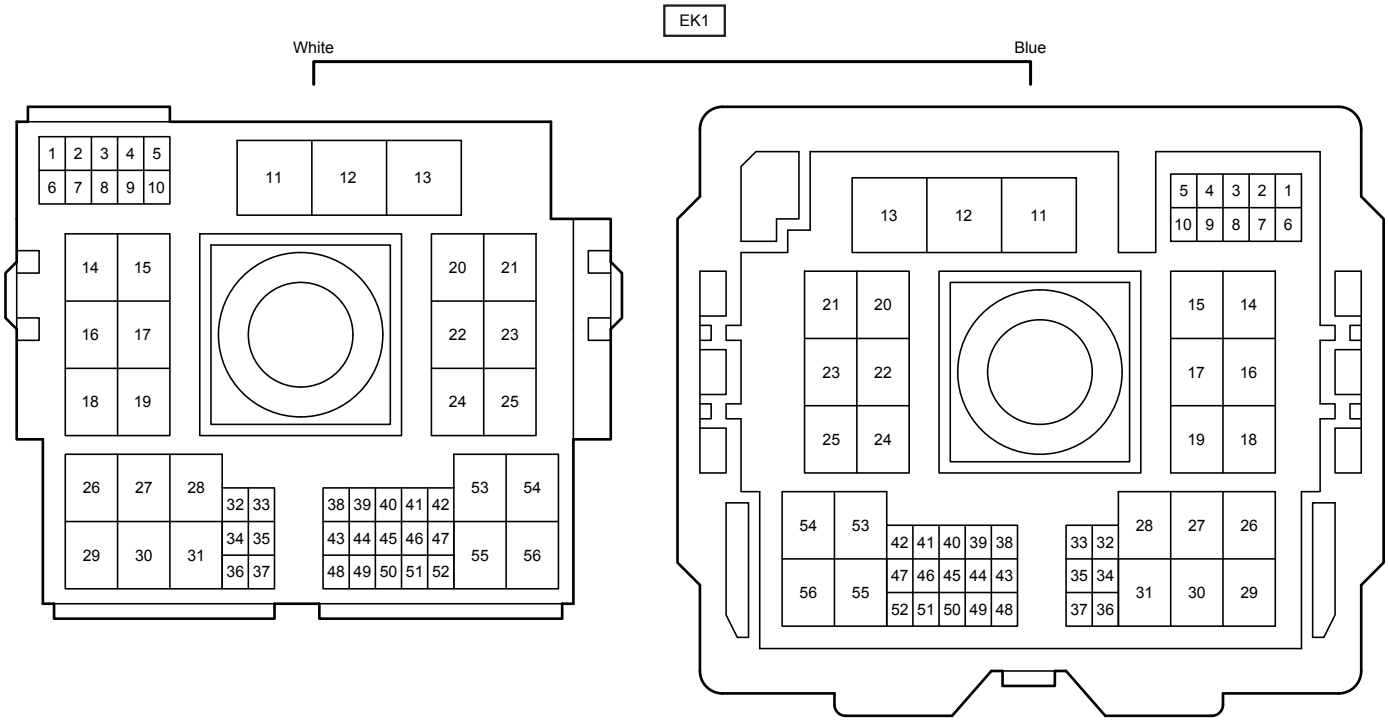
CA1
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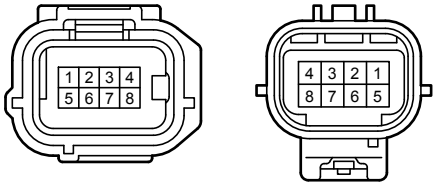

EA1
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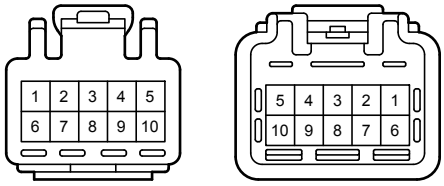

EK1
White Blue



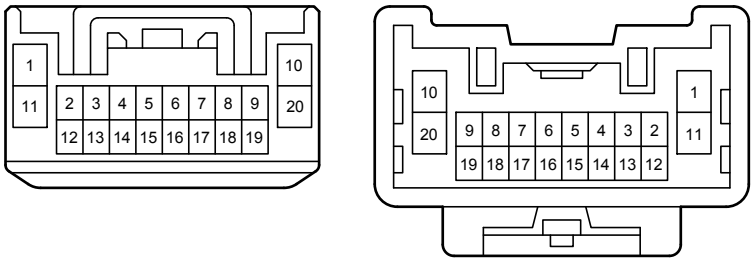
EL2
Gray



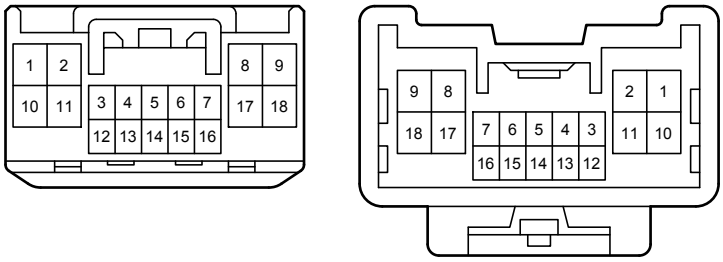

FE5
White



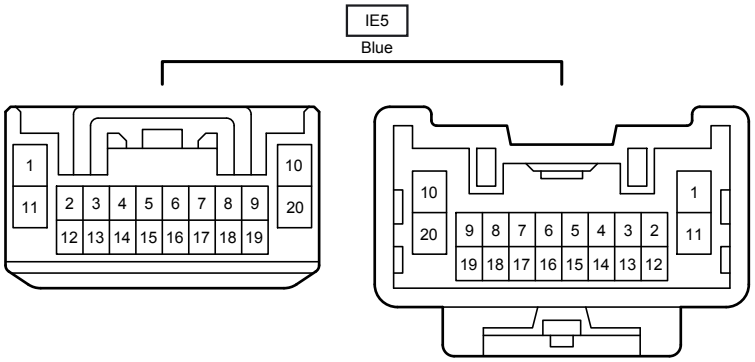

IE2
Blue



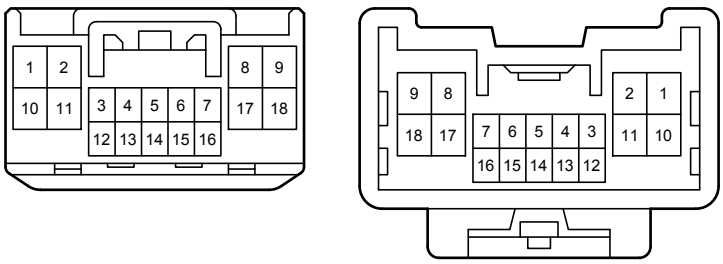

IE3
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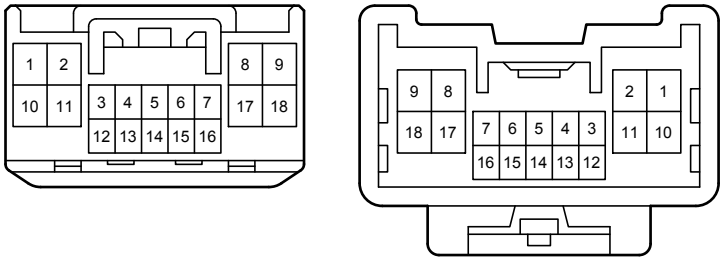

IE5
Blue



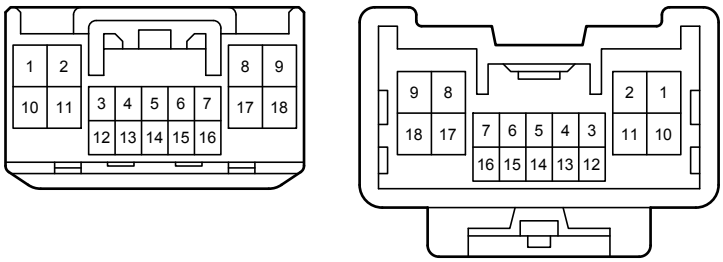

IE6
White



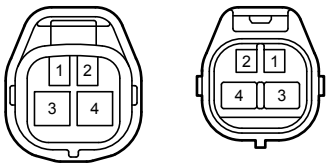
JK1
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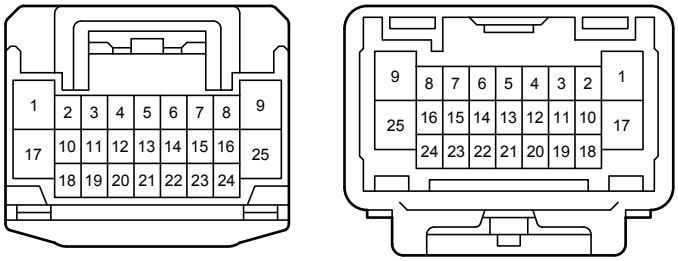

JL1
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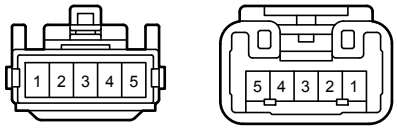

KN1
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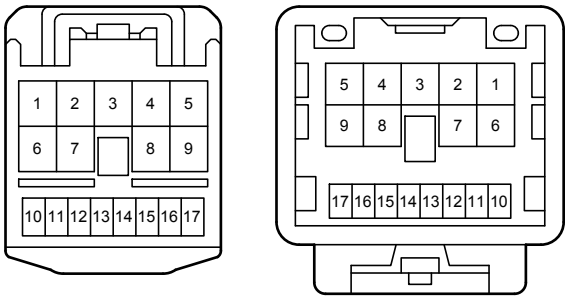

Kc1
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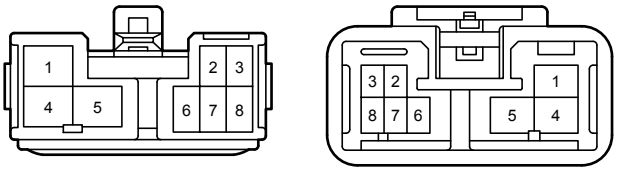

Kd1
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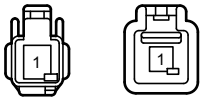

Ki1
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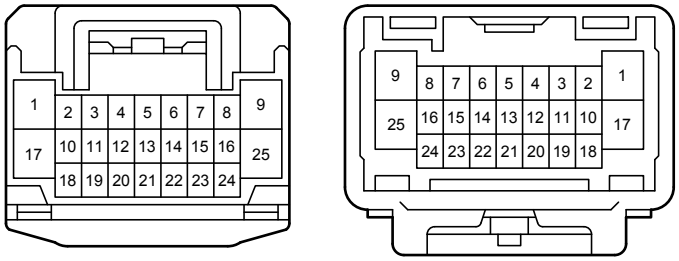

Kz1
Blue



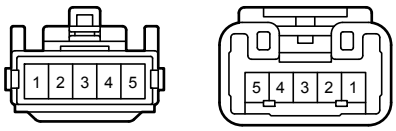
LL1
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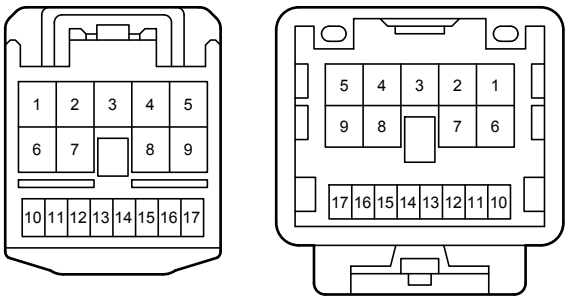

Lc1
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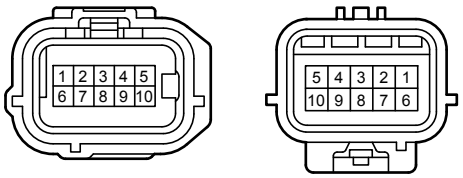

Ld1
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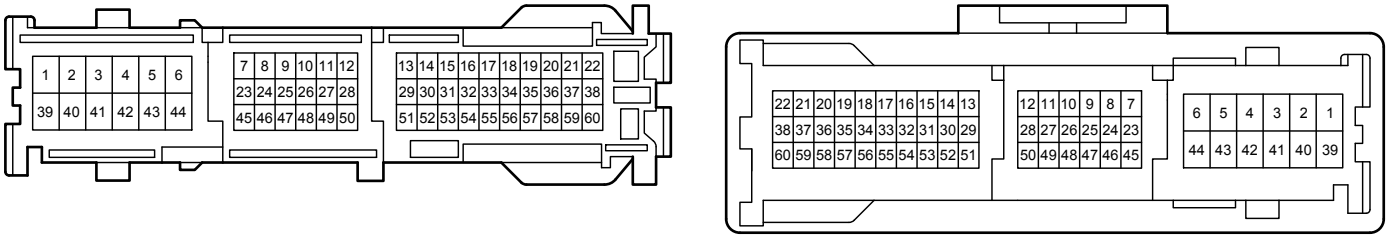

Li1
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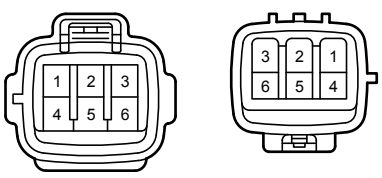

MK1
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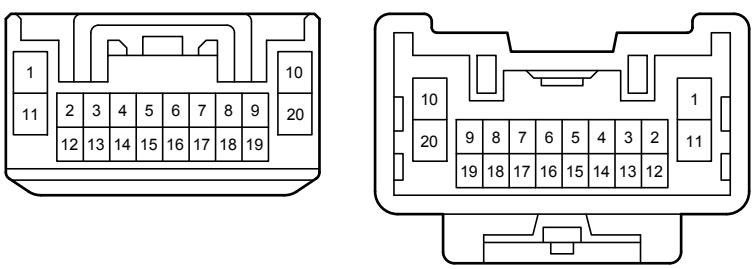

NK1
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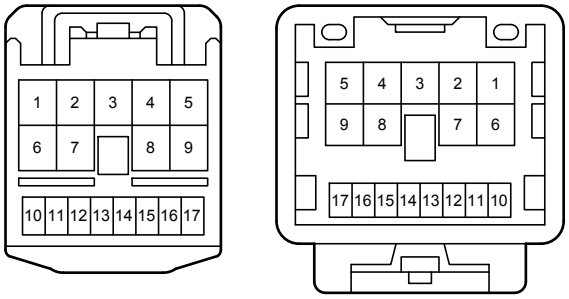

OK1
Black



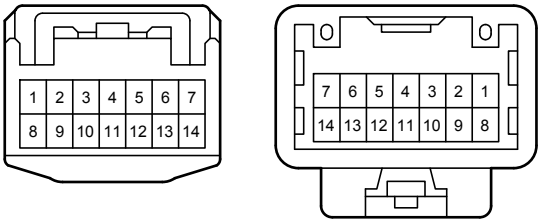

RE2
Blue



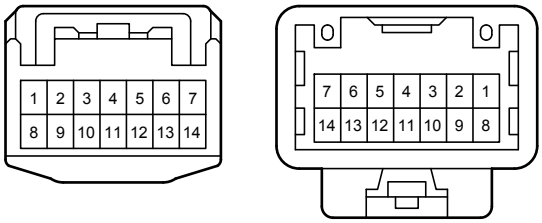
SK1
White



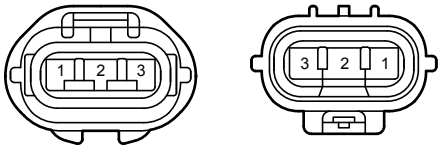

VE1
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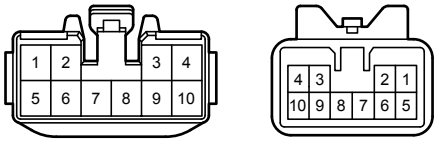

VE3
Gray



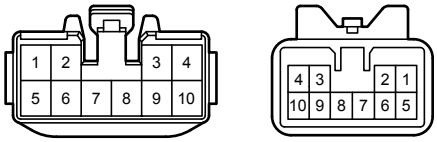

fL2
Black



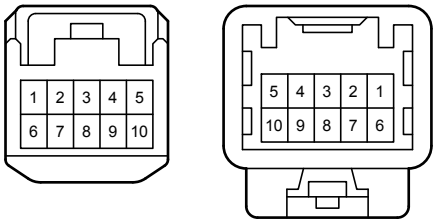

hi1
White



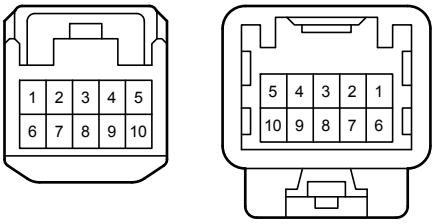

hi2
Blue



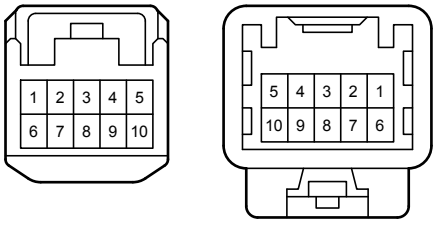

zI1
Blue



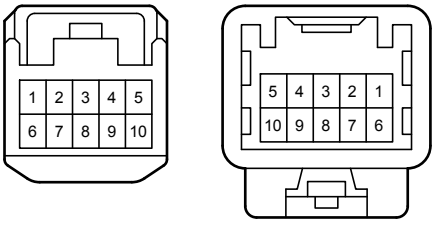

zI2
Blue

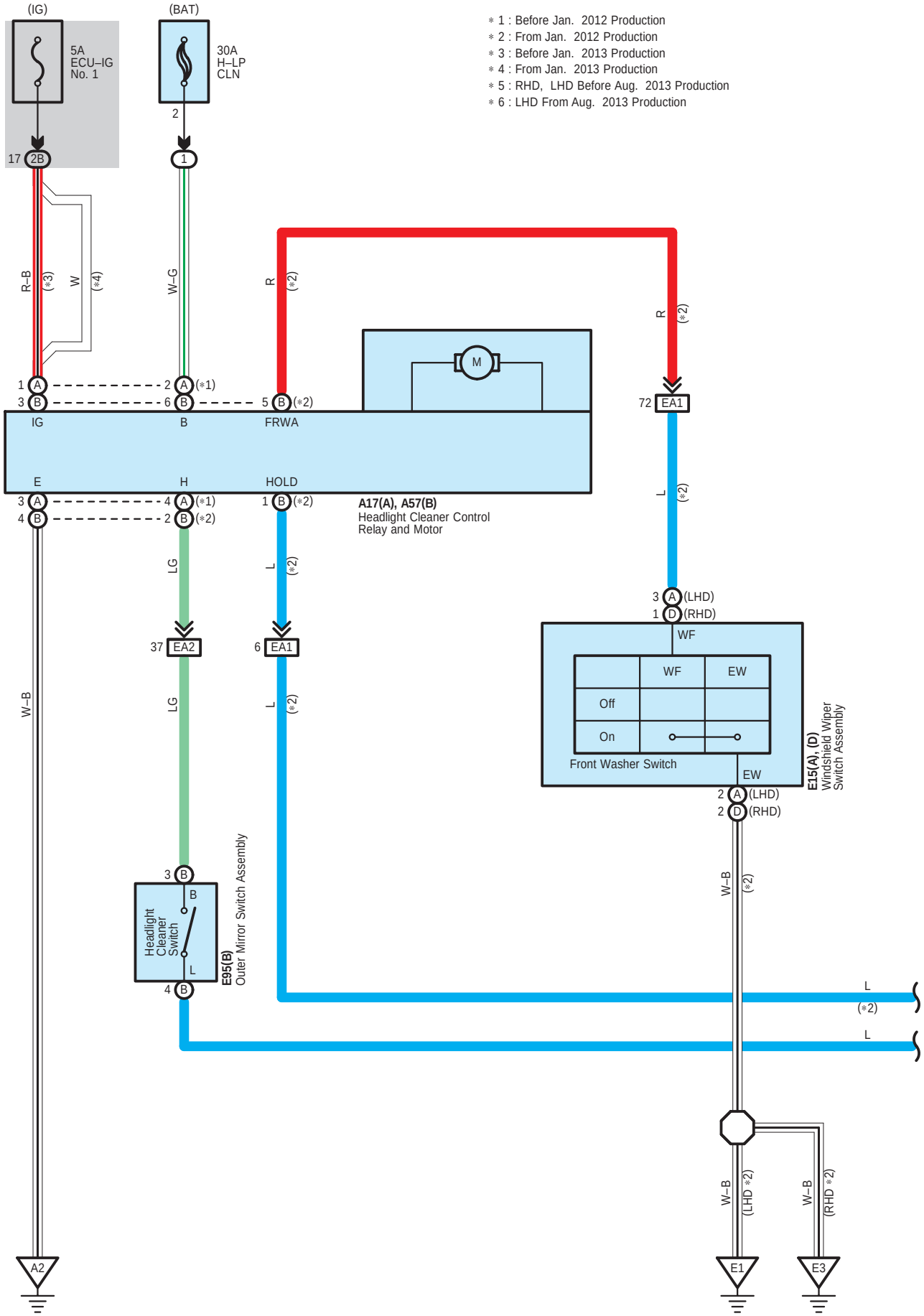



zJ1
Blue

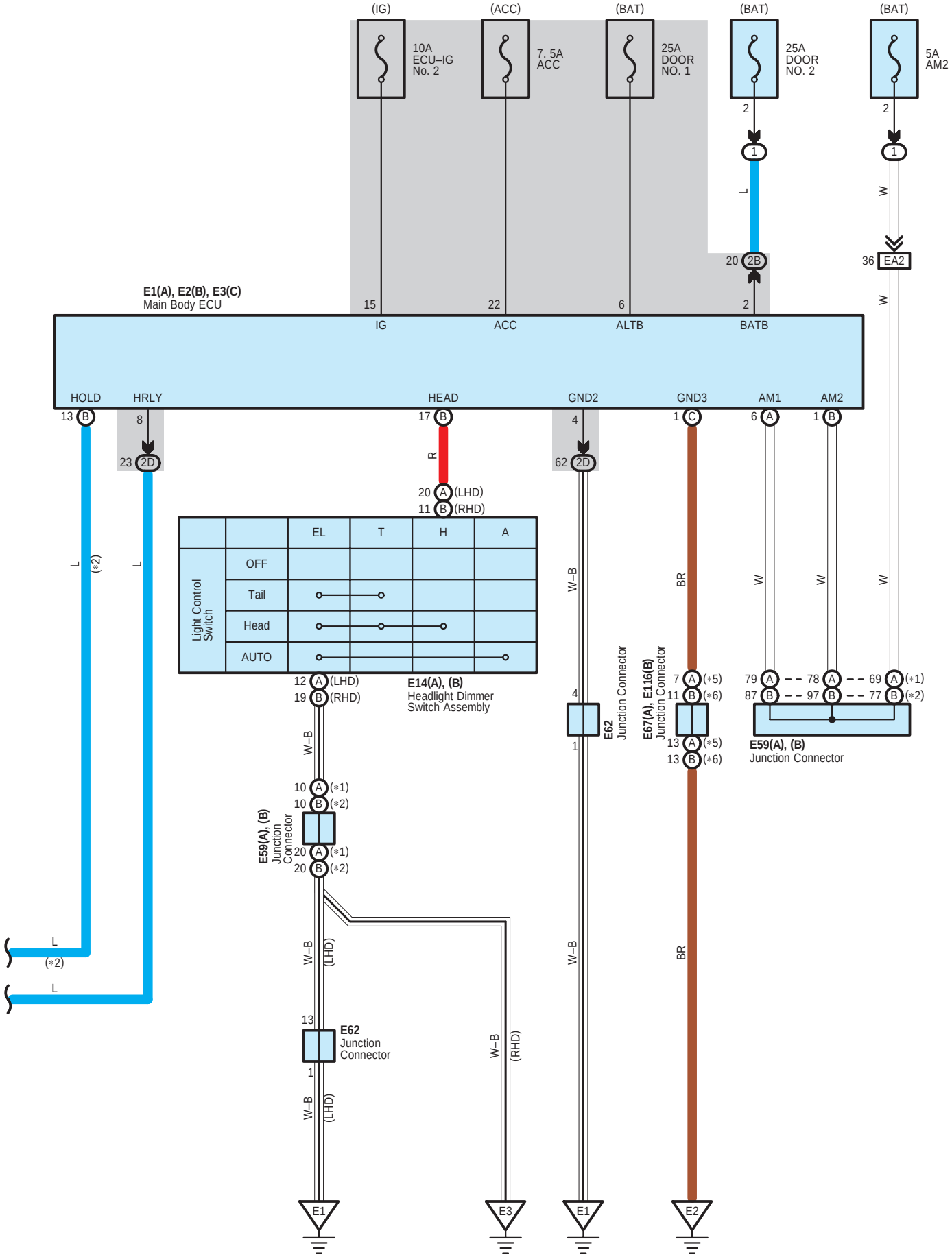



zJ2
Blue






＊1 : Before Jan. 2012 Production
＊2 : From Jan. 2012 Production
＊3 : Before Jan. 2013 Production
＊4 : From Jan. 2013 Production
＊5 : RHD, LHD Before Aug. 2013 Production
＊6 : LHD From Aug. 2013 Production


(IG)
(ACC)
(BAT)
(BAT)
(BAT)
10A
ECU–IG
No. 2
7. 5A
ACC
25A
DOOR
NO. 1
25A
DOOR
NO. 2
5A
AM2
E1(A), E2(B), E3(C)
Main Body ECU
IG
ACC
ALTB
BATB
HOLD
HRLY
HEAD
GND2
GND3
AM1
AM2
Light Control Switch
OFF
Tail
Head
AUTO
EL
T
H
A
E14(A), (B)
Headlight Dimmer
Switch Assembly
E62
Junction Connector
E67(A), E116(B)
Junction Connector
E59(A), (B)
Junction Connector
E59(A), (B)
Junction Connector
E62
Junction
Connector
E1
E3
E1
E2
(LHD)
(RHD)
W–B
L
R
BR
W
EA2

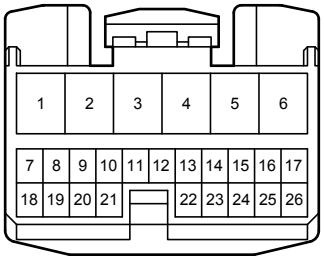
A 17
Black



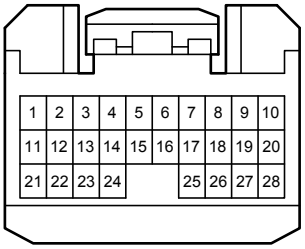

A 57
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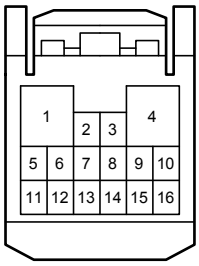

E 1
White



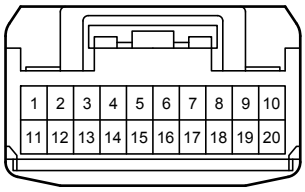

E 2
White



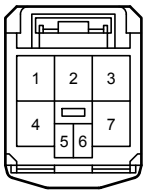

E 3
White



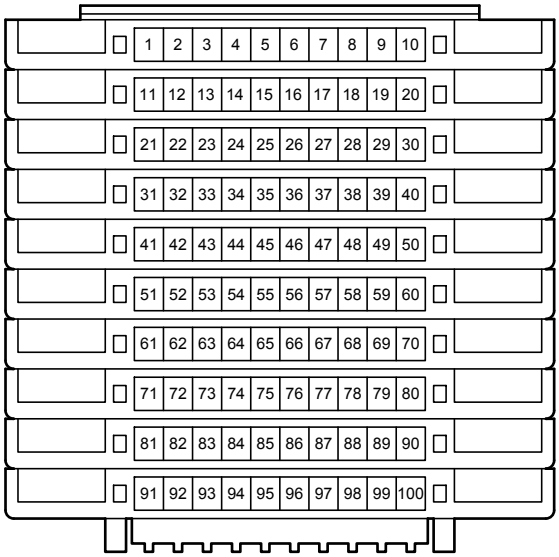

E 14
White



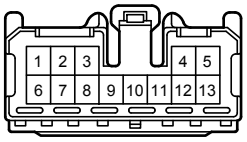

E 15
White



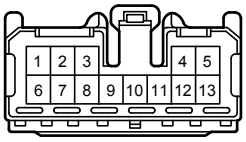

E 59
White



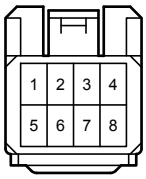

E 62
White



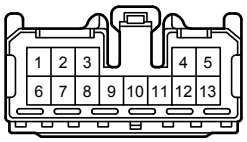

E 67
White



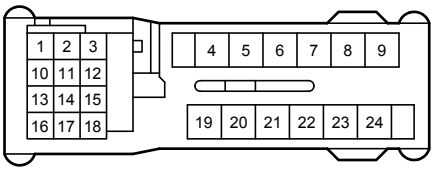

E 95
White



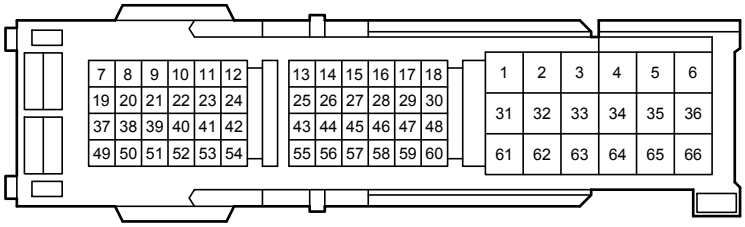

E116
White



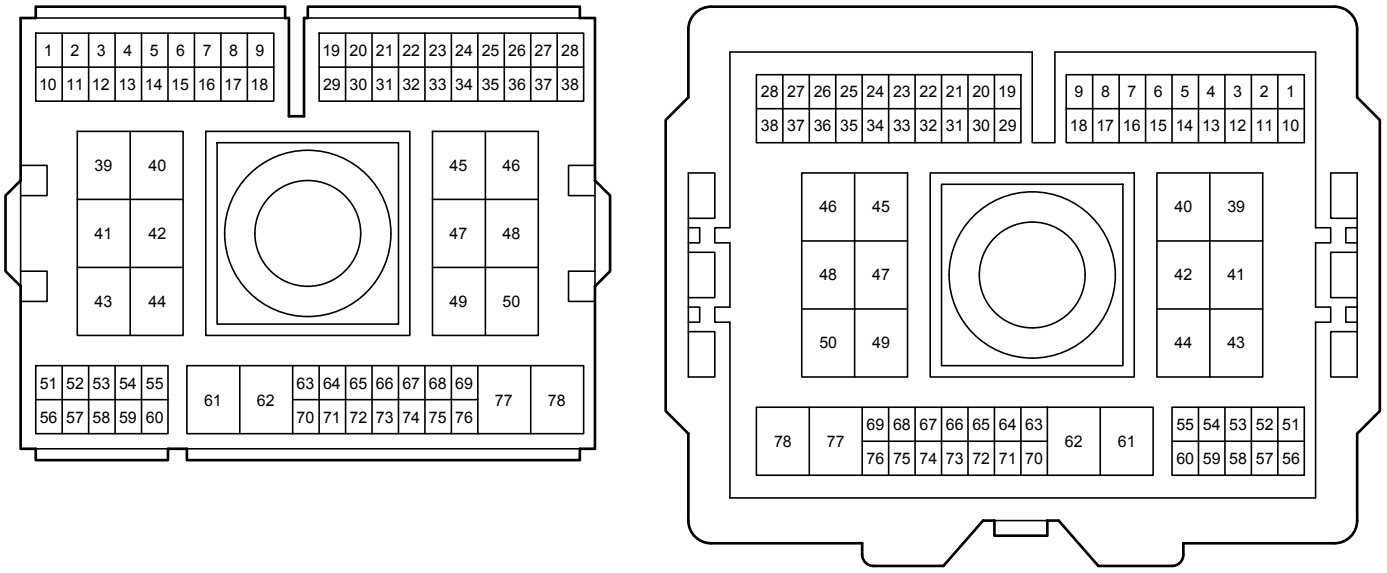

2B
White



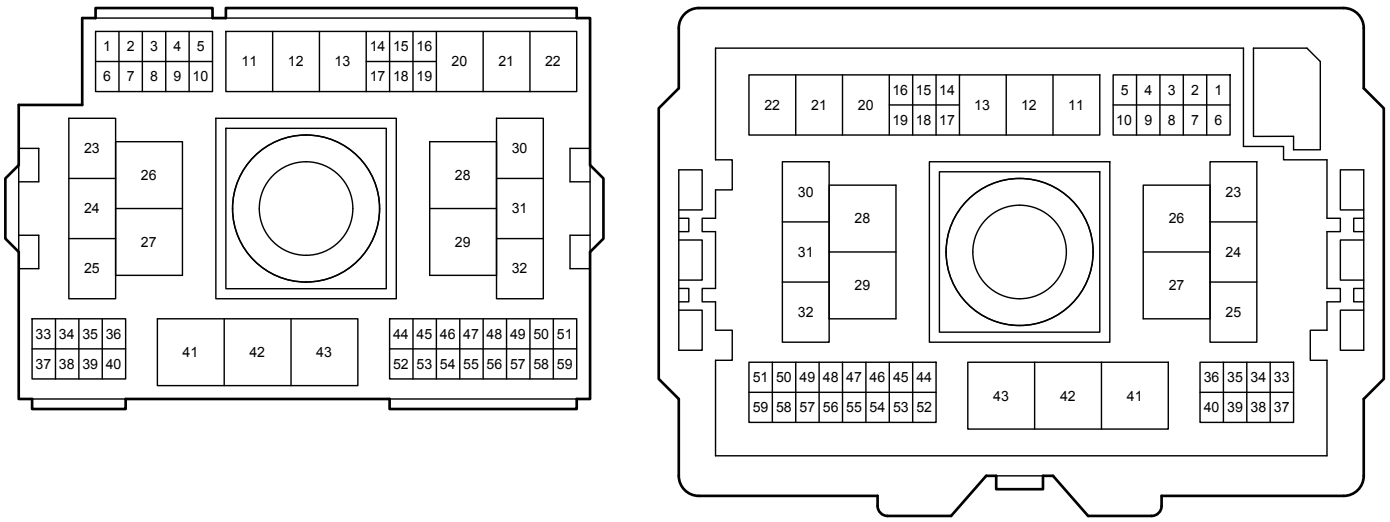
2D
White

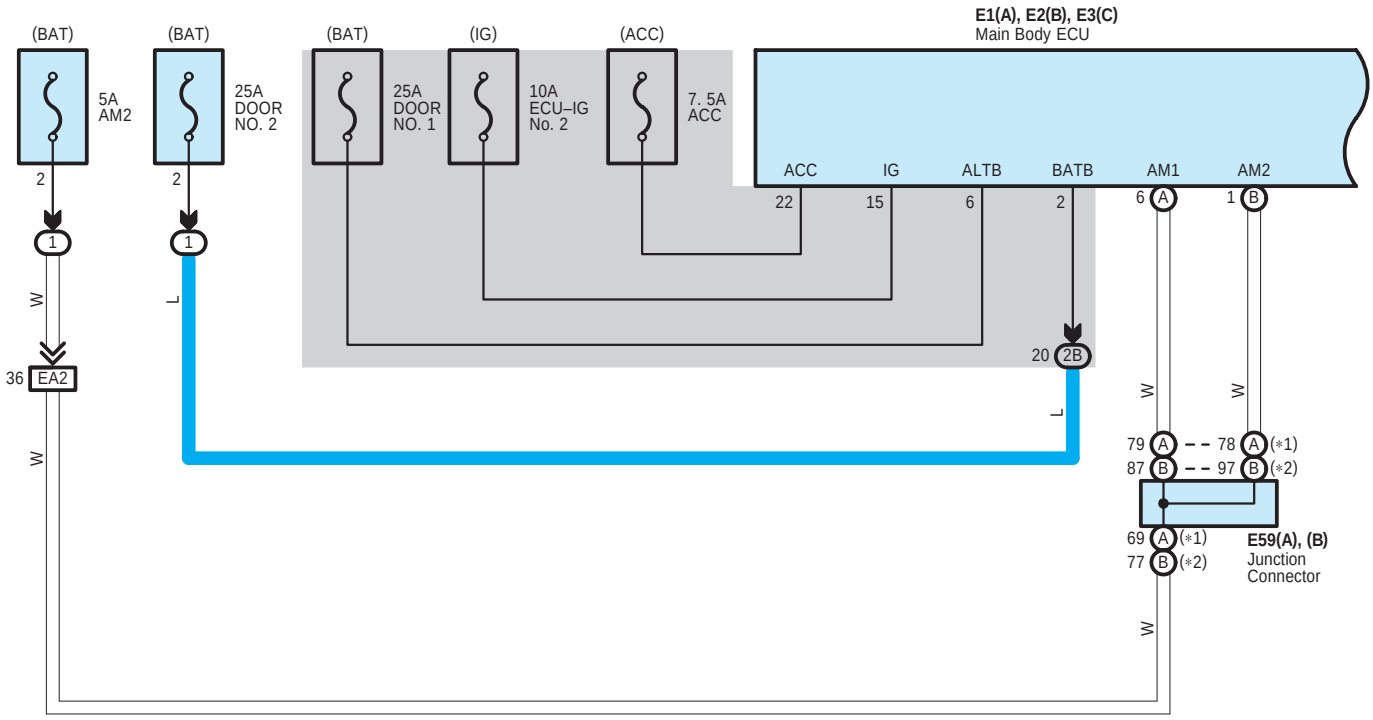



EA1
White

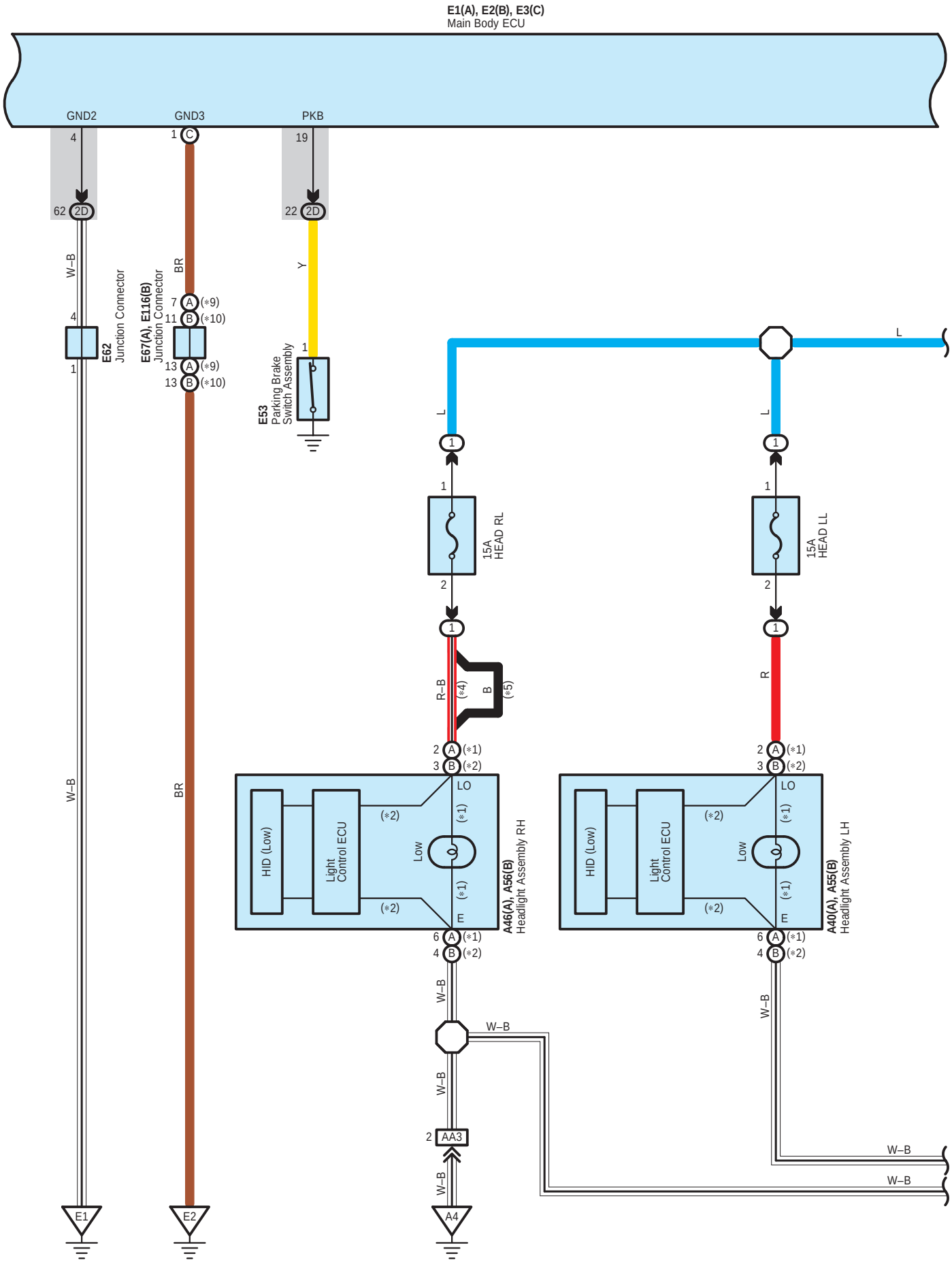


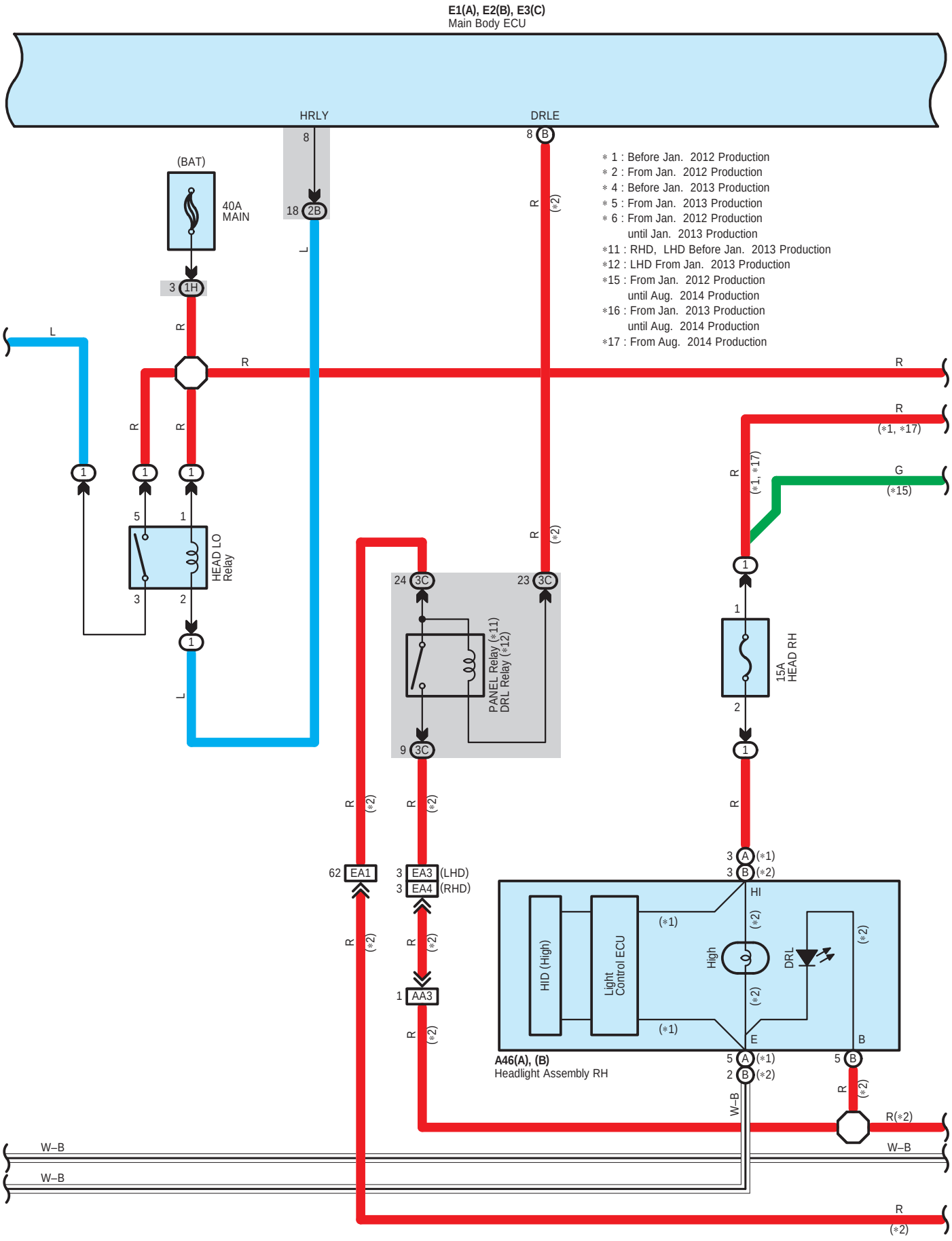

EA2
White Gray

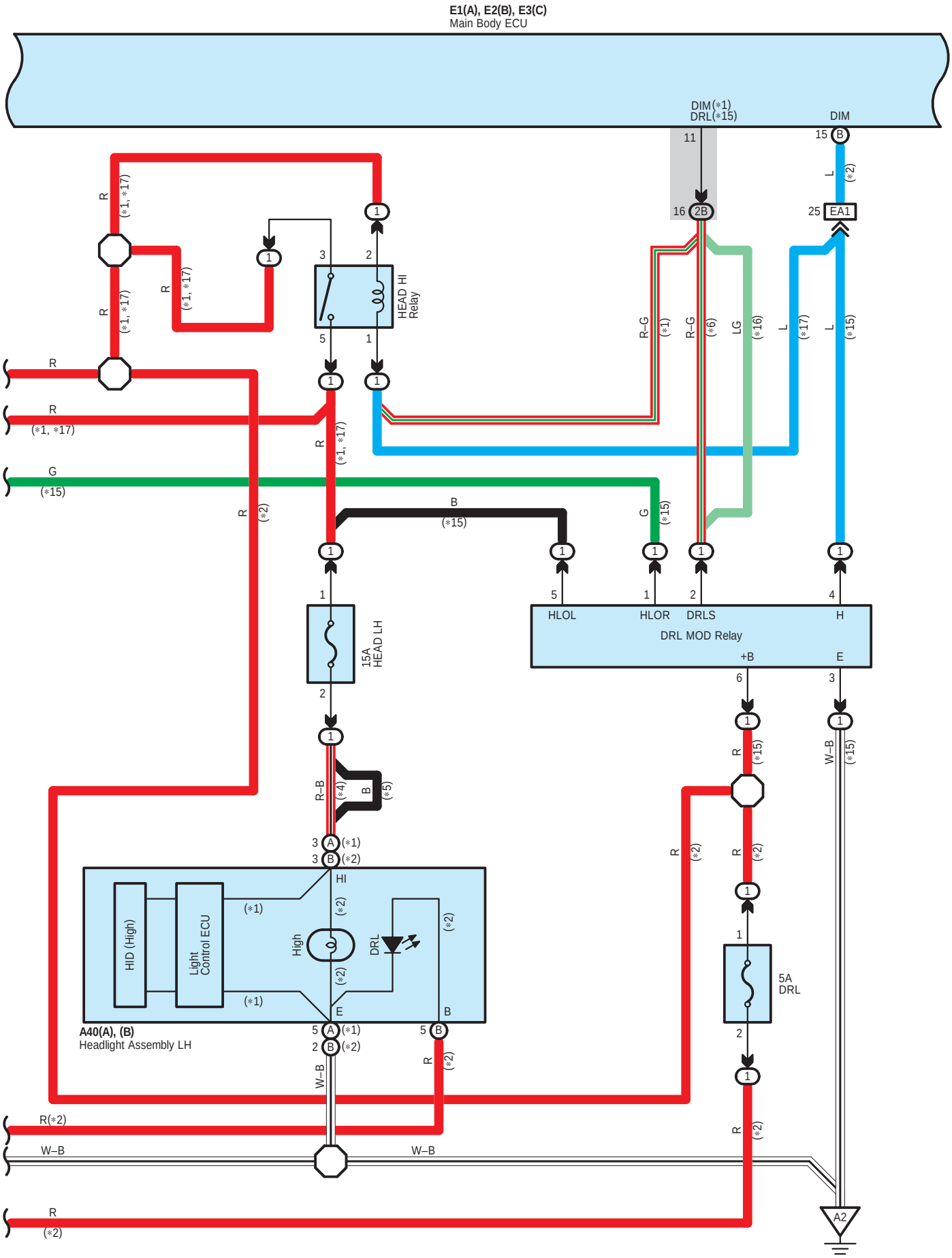


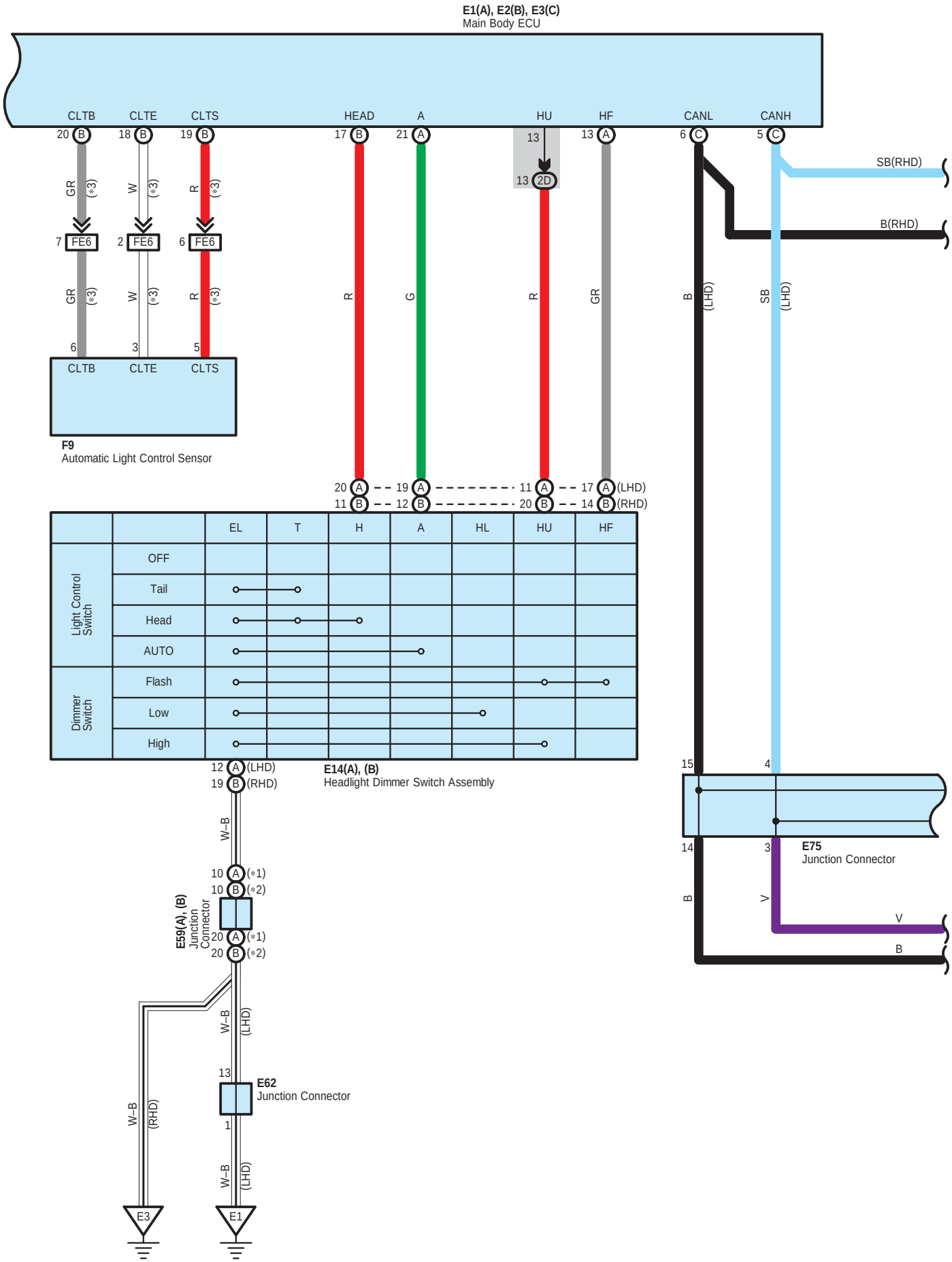


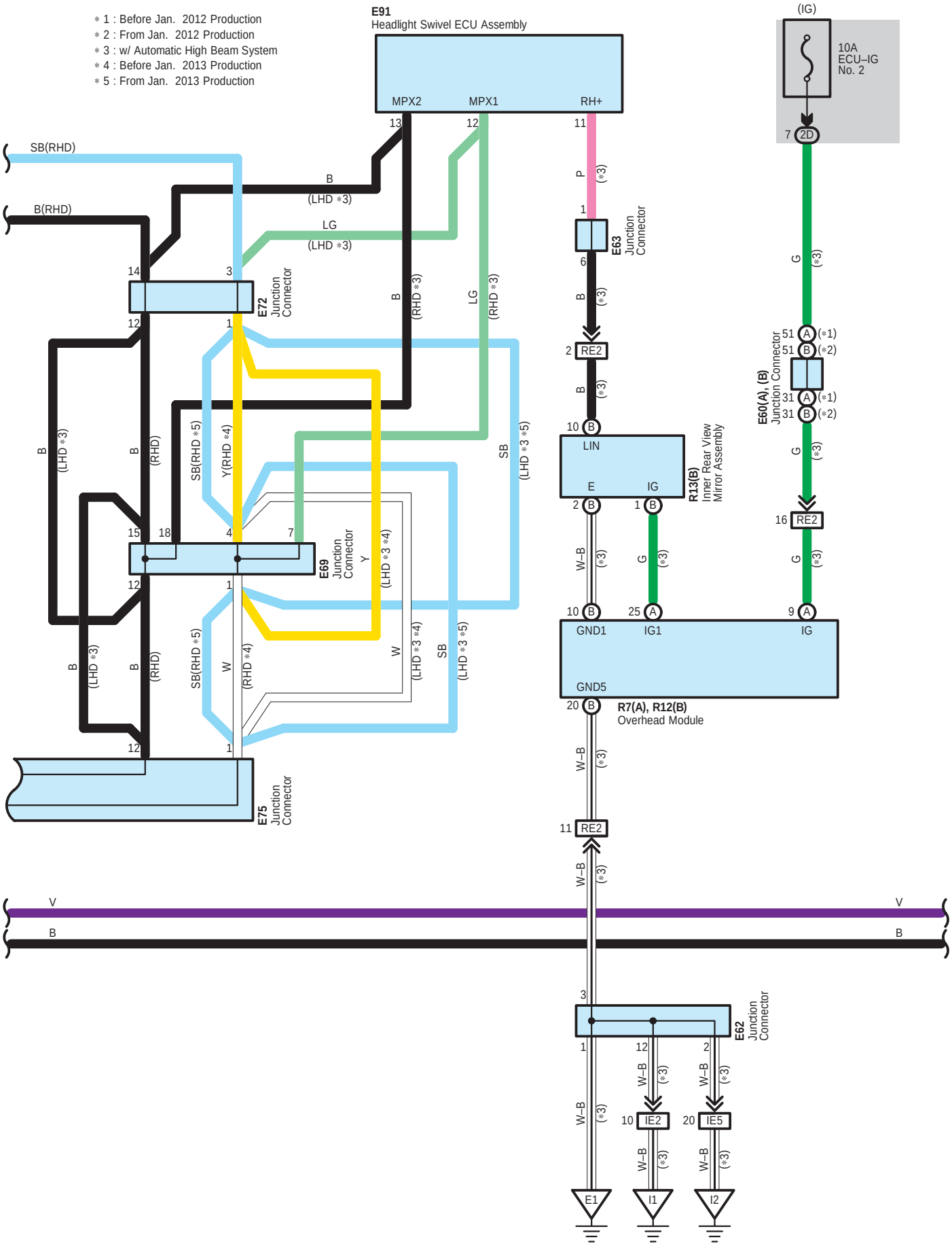

* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production
* 4 : Before Jan. 2013 Production
* 5 : From Jan. 2013 Production
* 9 : RHD, LHD Before Aug. 2013 Production
*10 : LHD From Aug. 2013 Production

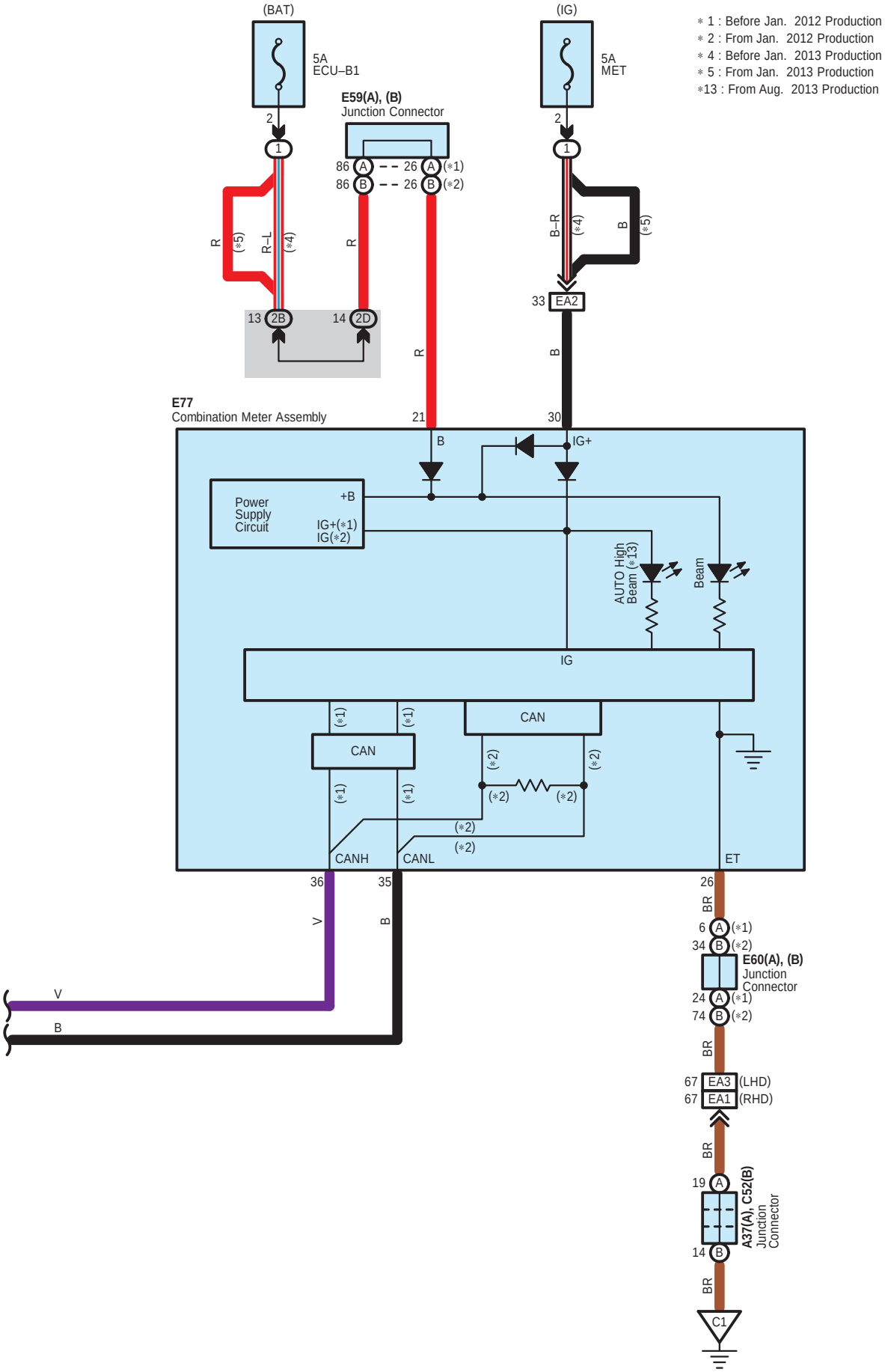

E1(A), E2(B), E3(C)
Main Body ECU
GND2
GND3
PKB
4
62 2D
1 C
19
22 2D
W–B
BR
Y
E62
Junction Connector
E67(A), E116(B)
Junction Connector
7 A (*9)
11 B (*10)
13 A (*9)
13 B (*10)
E53
Parking Brake
Switch Assembly
L
15A
HEAD RL
15A
HEAD LL
R–B
R
(*4)
(*5)
HID (Low)
Light
Control ECU
LO
Low
(*1)
(*2)
A46(A), A56(B)
Headlight Assembly RH
A40(A), A55(B)
Headlight Assembly LH
AA3
A4
E1
E2


E1(A), E2(B), E3(C)
Main Body ECU
HRLY
DRLE
8
8 B
(BAT)
40A
MAIN
18 2B
3 1H
L
R
(*2)
∗ 1 : Before Jan. 2012 Production
∗ 2 : From Jan. 2012 Production
∗ 4 : Before Jan. 2013 Production
∗ 5 : From Jan. 2013 Production
∗ 6 : From Jan. 2012 Production until Jan. 2013 Production
∗11 : RHD, LHD Before Jan. 2013 Production
∗12 : LHD From Jan. 2013 Production
∗15 : From Jan. 2012 Production until Aug. 2014 Production
∗16 : From Jan. 2013 Production until Aug. 2014 Production
∗17 : From Aug. 2014 Production
R
(∗1, ∗17)
G
(∗15)
HEAD LO Relay
PANEL Relay (∗11)
DRL Relay (∗12)
24 3C
23 3C
9 3C
15A
HEAD RH
62 EA1
3 EA3 (LHD)
3 EA4 (RHD)
1 AA3
3 A (∗1)
3 B (∗2)
HID (High)
Light Control ECU
HI
High
DRL
E
B
A46(A), (B)
Headlight Assembly RH
5 A (∗1)
2 B (∗2)
5 B
W–B
R(∗2)

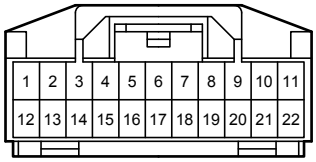

E1(A), E2(B), E3(C)
Main Body ECU
DIM(*1)
DRL(*15)
DIM
11
16 2B
15 B
25 EA1
L (*2)
HEAD HI Relay
3
2
5
1
R (*1, *17)
R–G (*1)
R–G (*6)
LG (*16)
L (*17)
L (*15)
R
R (*1, *17)
G (*15)
B (*15)
G (*15)
R (*2)
15A HEAD LH
DRL MOD Relay
HLOL
HLOR
DRLS
H
+B
E
R–B (*4)
B (*5)
W–B (*15)
R (*15)
R (*2)
5A DRL
A40(A), (B)
Headlight Assembly LH
HID (High)
Light Control ECU
HI
High
DRL
(*1)
(*2)
R(*2)
W–B
A2


E1(A), E2(B), E3(C)
Main Body ECU
CLTB
CLTE
CLTS
HEAD
A
HU
HF
CANL
CANH
SB(RHD)
B(RHD)
F9
Automatic Light Control Sensor
E14(A), (B)
Headlight Dimmer Switch Assembly
Light Control Switch
Dimmer Switch
OFF
Tail
Head
AUTO
Flash
Low
High
E59(A), (B)
Junction Connector
E62
Junction Connector
E75
Junction Connector
E3
E1

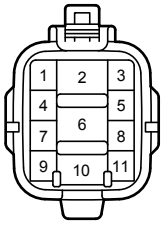

∗1 : Before Jan. 2012 Production
∗2 : From Jan. 2012 Production
∗3 : w/ Automatic High Beam System
∗4 : Before Jan. 2013 Production
∗5 : From Jan. 2013 Production
E91
Headlight Swivel ECU Assembly
MPX2
MPX1
RH+
(IG)
10A
ECU–IG
No. 2
SB(RHD)
B(RHD)
B
(LHD ∗3)
LG
(LHD ∗3)
E72
Junction
Connector
E63
Junction
Connector
E69
Junction
Connector
E75
Junction
Connector
E60(A), (B)
Junction Connector
R13(B)
Inner Rear View
Mirror Assembly
LIN
E
IG
GND1
IG1
GND5
R7(A), R12(B)
Overhead Module
RE2
IE2
IE5
E1
I1
I2
E62
Junction
Connector
SB(RHD ∗5)
Y(RHD ∗4)
(RHD)
(RHD ∗3)
(LHD ∗3 ∗4)
(LHD ∗3 ∗5)
W
W–B
G
P
SB
V


(BAT)
5A
ECU–B1
(IG)
5A
MET
∗1 : Before Jan. 2012 Production
∗2 : From Jan. 2012 Production
∗4 : Before Jan. 2013 Production
∗5 : From Jan. 2013 Production
∗13 : From Aug. 2013 Production
E59(A), (B)
Junction Connector
E77
Combination Meter Assembly
Power Supply Circuit
+B
IG+(∗1)
IG(∗2)
IG+
AUTO High Beam (∗13)
Beam
IG
CAN
CANH
CANL
ET
E60(A), (B)
Junction Connector
A37(A), C52(B)
Junction Connector
EA2
EA3 (LHD)
EA1 (RHD)
2B
2D
C1

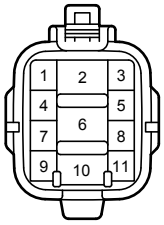
A 37
Blue




A 40
Black




A 46
Black



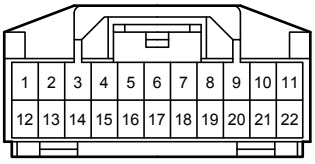

A 55
White



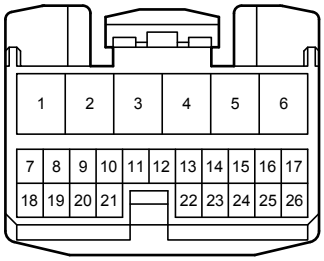

A 56
White



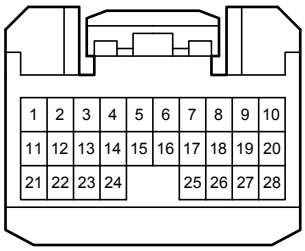

C 52
Blue



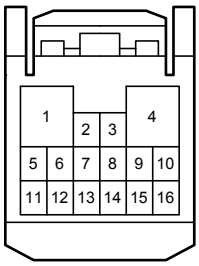

E 1
White



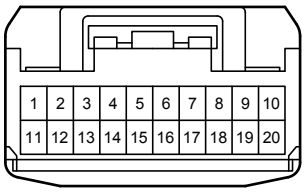

E 2
White




E 3
White



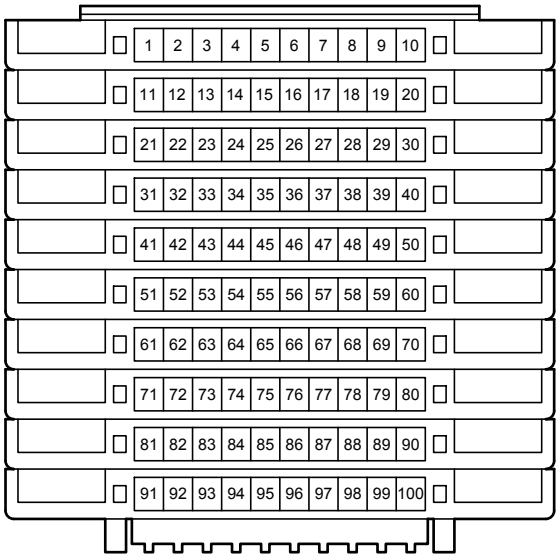

E 14
White



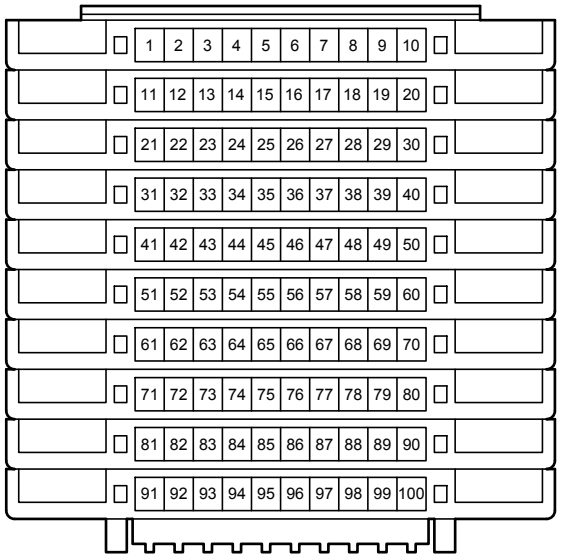

E 53
White



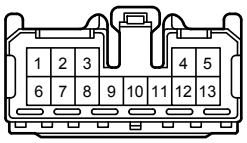

E 59
White



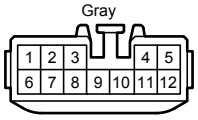

E 60
White



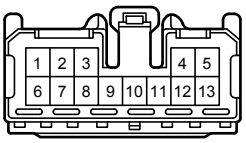

E 62
White



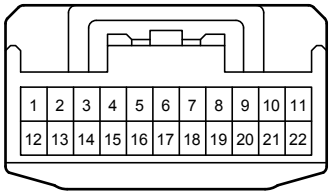

E 63
Gray



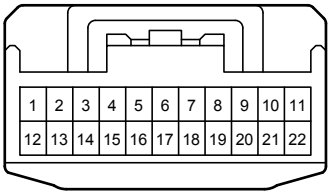

E 67
White



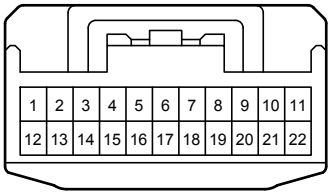
E 69
Gray



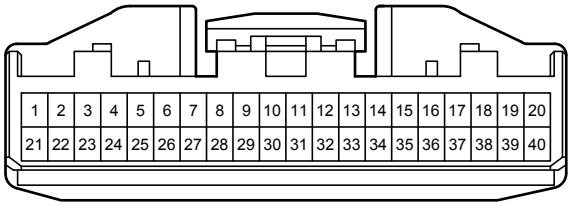

E 72
Gray



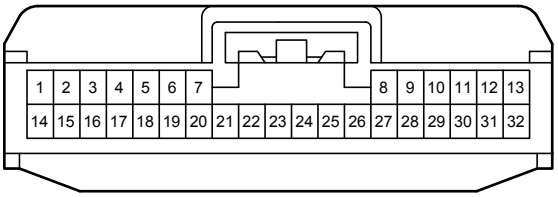

E 75
Gray



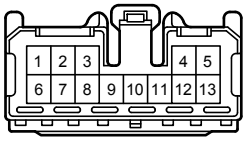

E 77
White



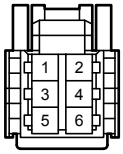

E 91
White



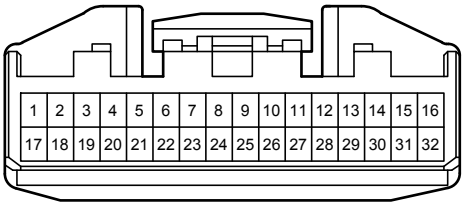

E116
White



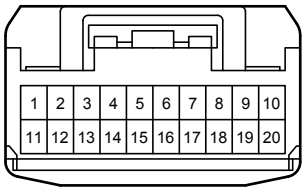

F 9
Black



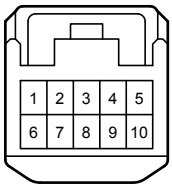

R 7
White



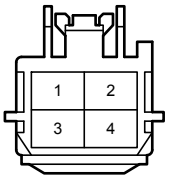

R 12
White



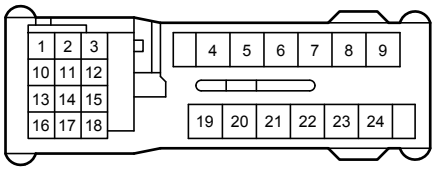

R 13
White



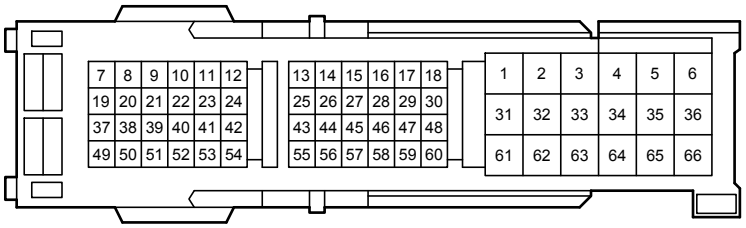

1H
White



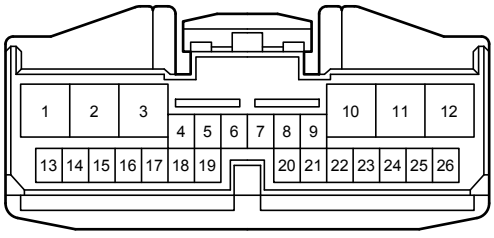

2B
White



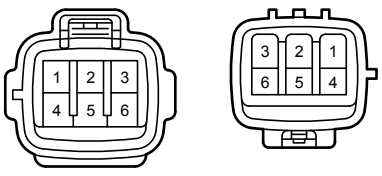

2D
White




3C
White

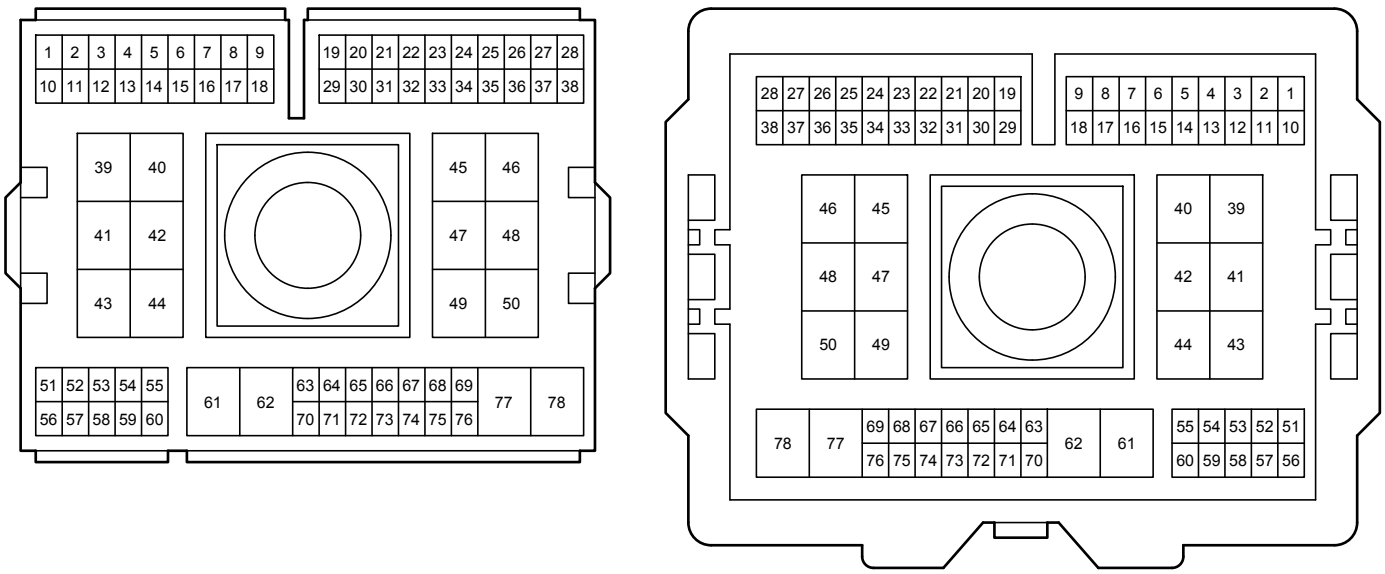



AA3
Gray



EA1

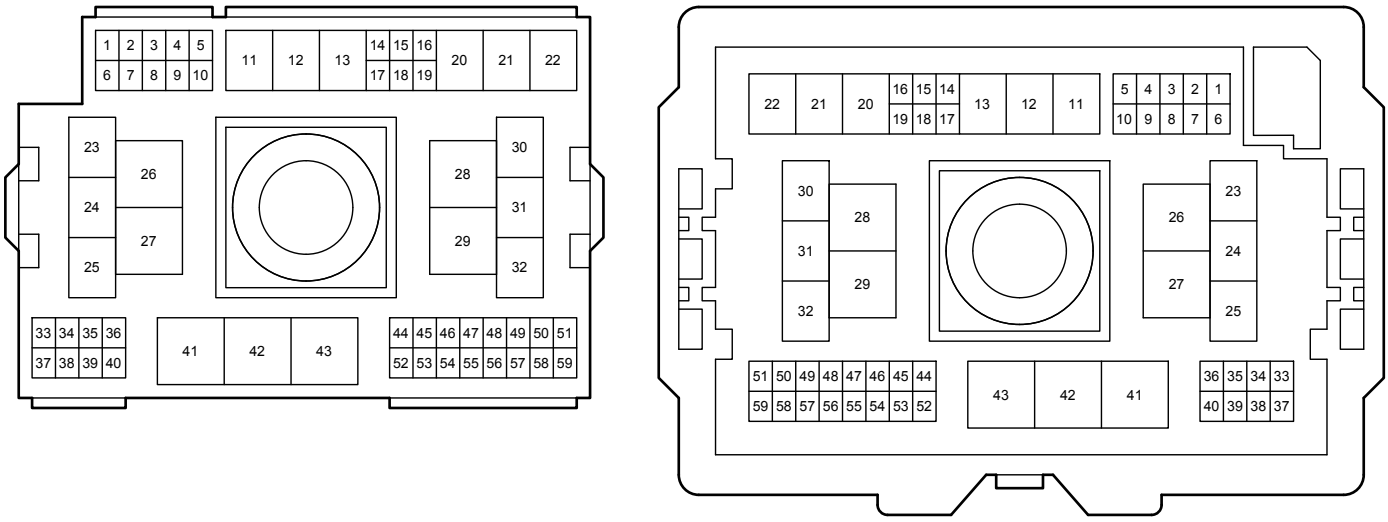
White



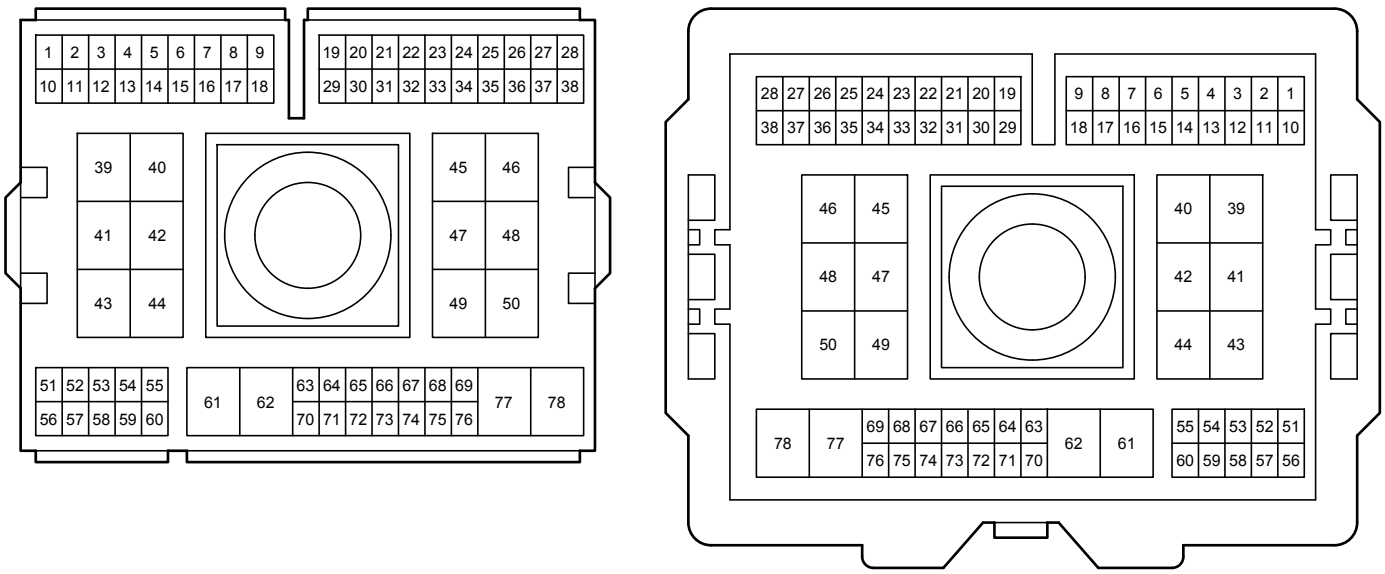

EA2

White

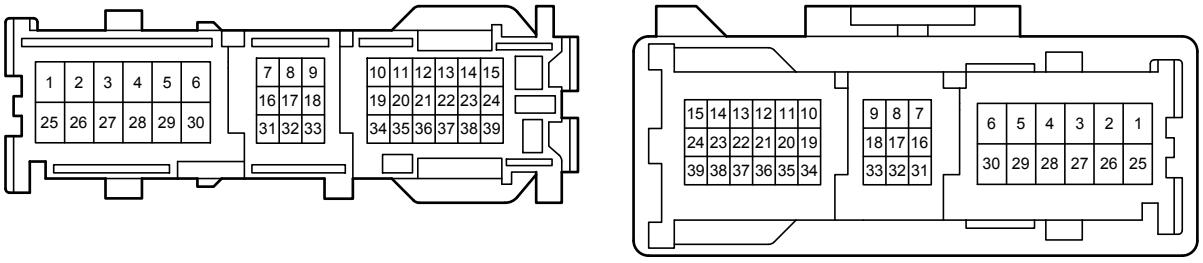
Gray



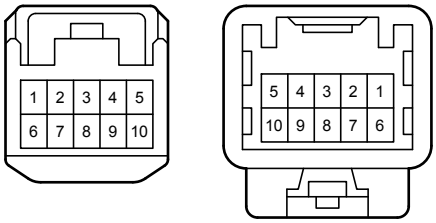
EA3
White



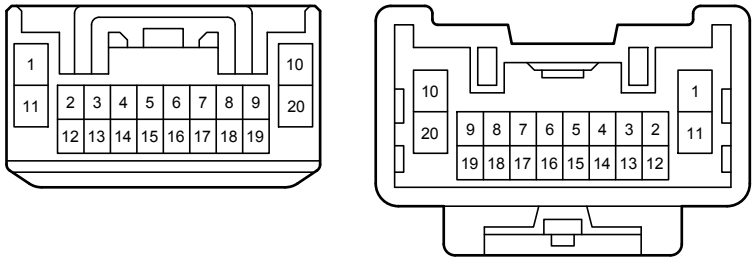

EA4
White



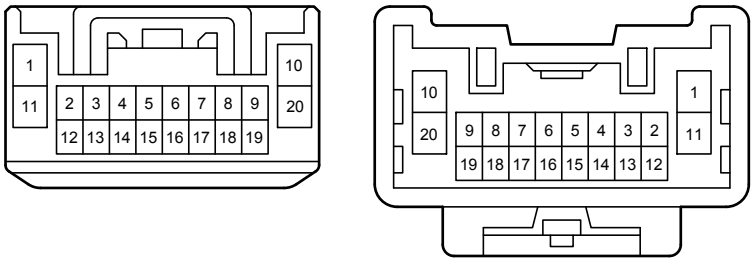

FE6
White

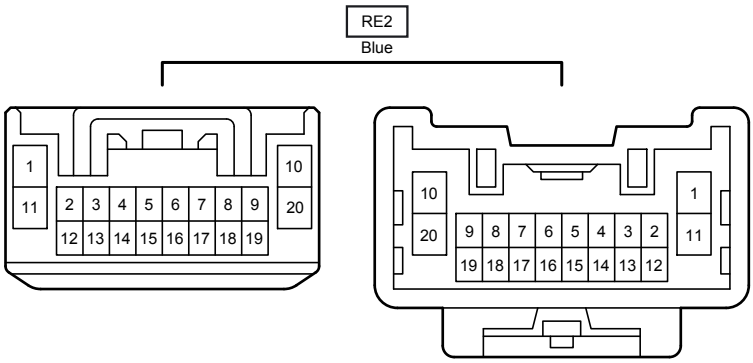


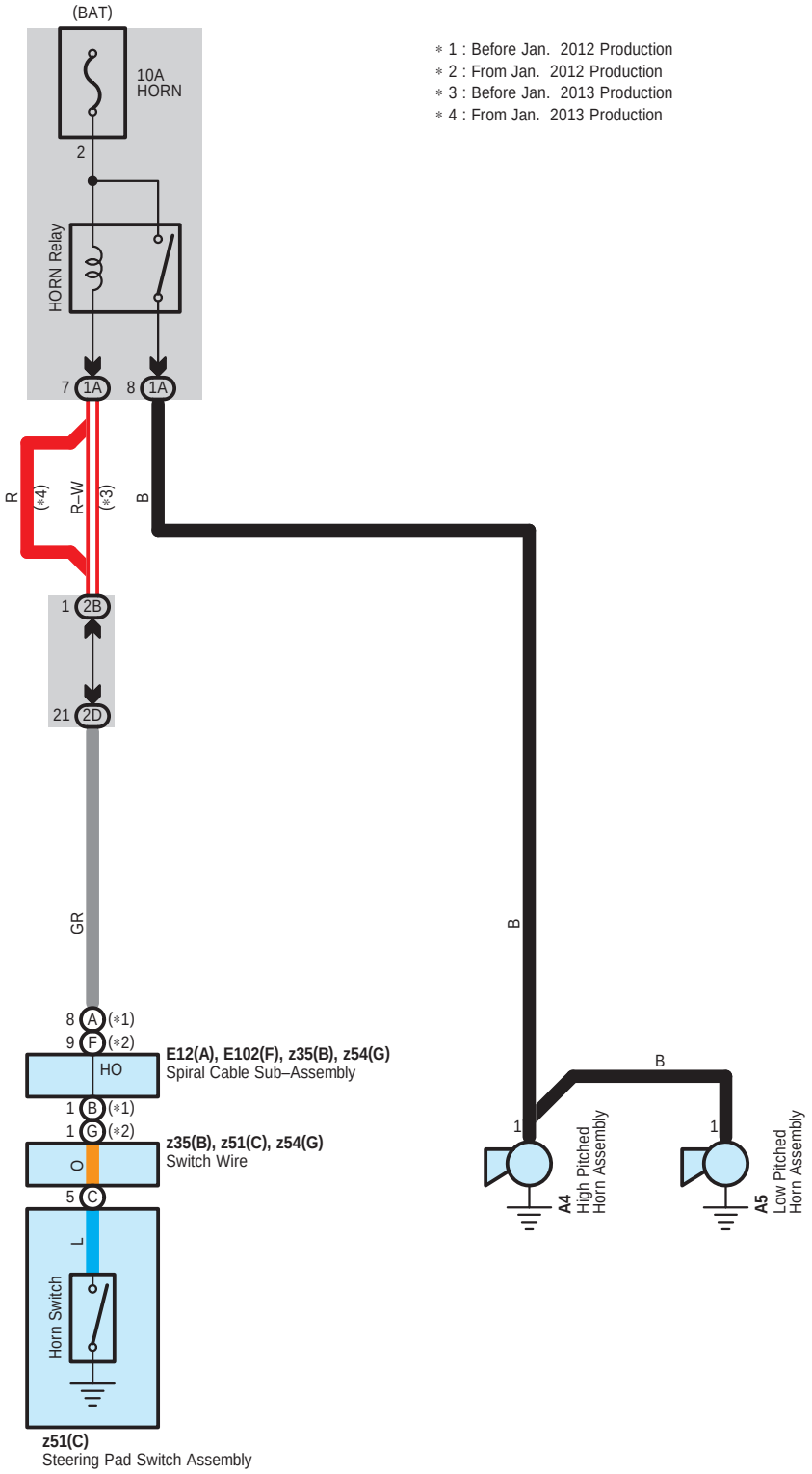

IE2
Blue



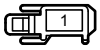

IE5
Blue




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
(*4)
R–W
(*3)
B
1 2B
21 2D
GR
8 A (*1)
9 F (*2)
HO
E12(A), E102(F), z35(B), z54(G)
Spiral Cable Sub–Assembly
1 B (*1)
1 G (*2)
O
z35(B), z51(C), z54(G)
Switch Wire
5 C
L
Horn Switch
z51(C)
Steering Pad Switch Assembly
B
B
1
A4
High Pitched
Horn Assembly
1
A5
Low Pitched
Horn Assembly
* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production
* 3 : Before Jan. 2013 Production
* 4 : From Jan. 2013 Production

A 4
Black



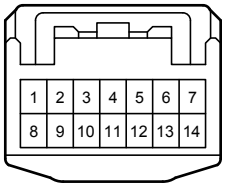

A 5
Black



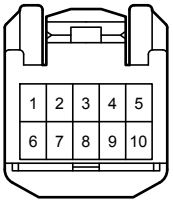

E 12
Black



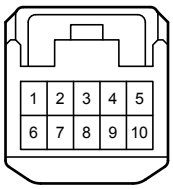

E102
Black



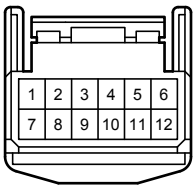

z 35
White



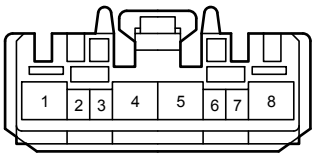

z 51
Blue



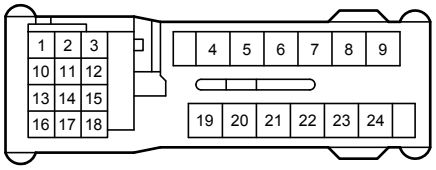

z 54
Black



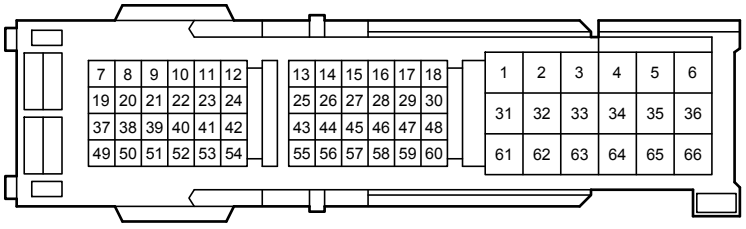

1A
White

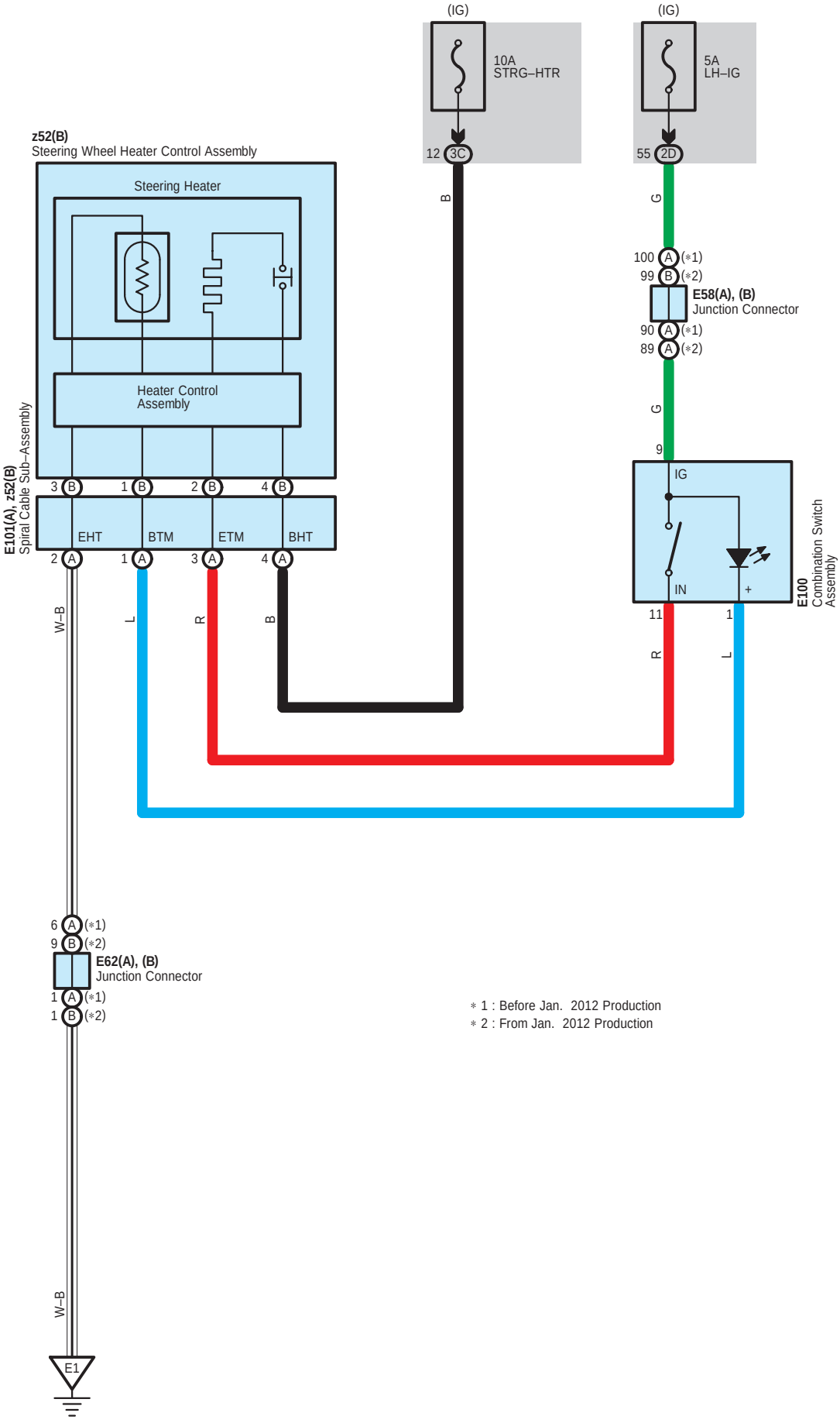



2B
White



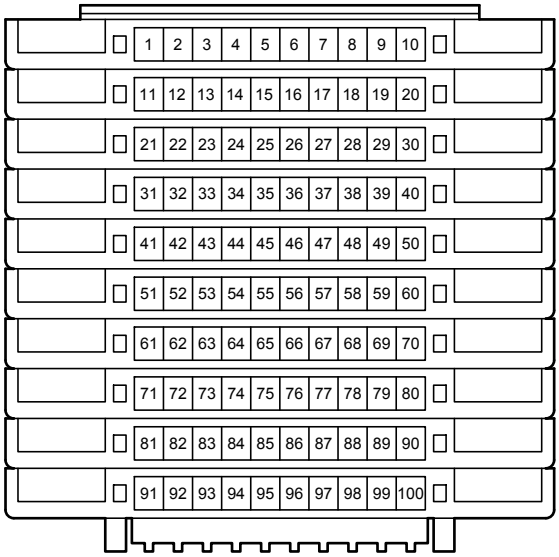

2D
White



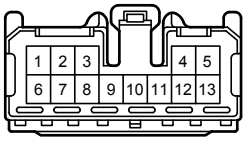



∗ 1 : Before Jan. 2012 Production
∗ 2 : From Jan. 2012 Production

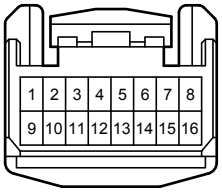
E 58
White



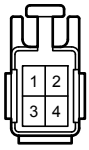

E 62
White



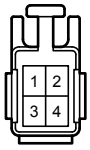

E100
Black



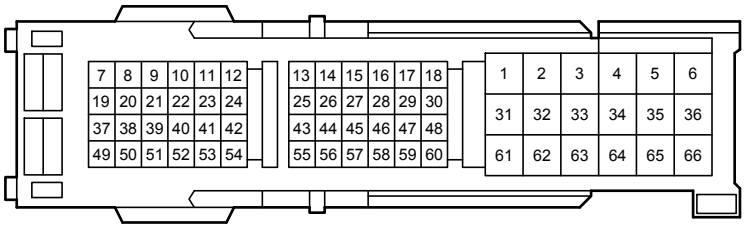

E101
Black



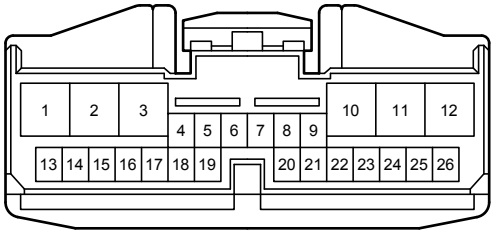

z 52
White

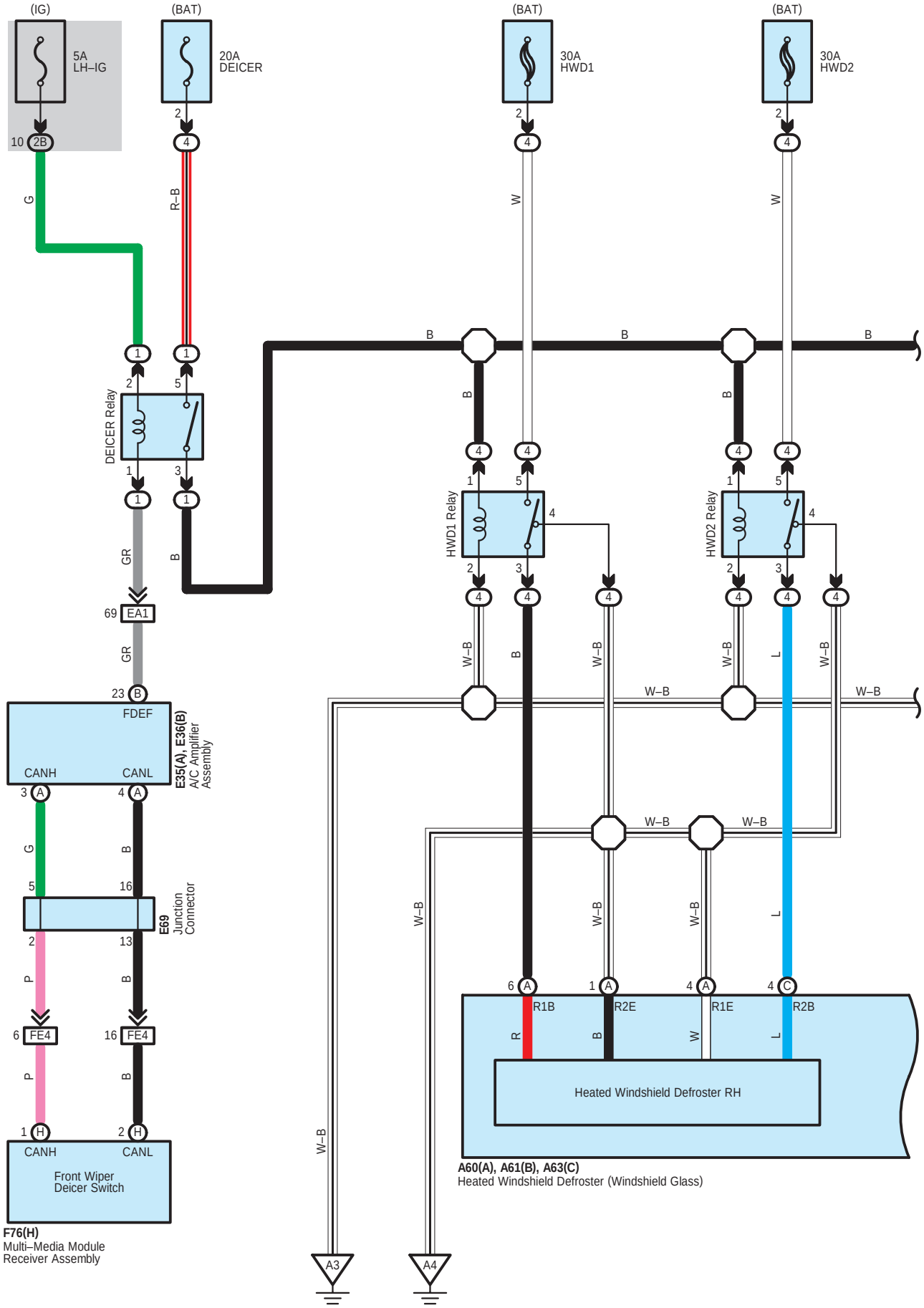


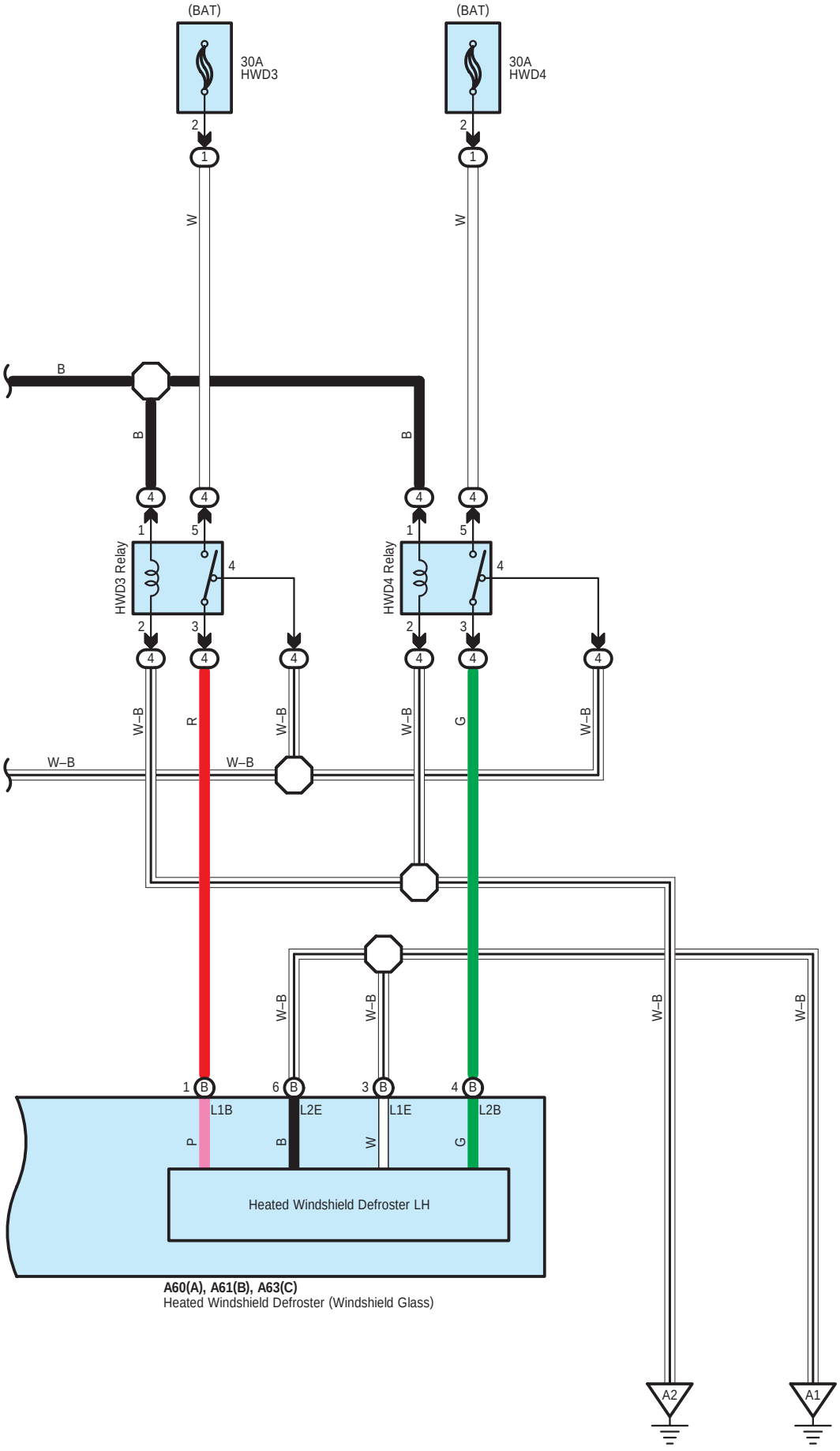

2D
White




3C
White

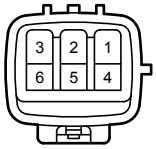



(IG)
(BAT)
(BAT)
(BAT)
5A
LH–IG
20A
DEICER
30A
HWD1
30A
HWD2
10 2B
2
4
G
R–B
W
W
B
B
B
B
1
2
5
DEICER Relay
1
3
HWD1 Relay
HWD2 Relay
GR
B
69 EA1
GR
23 B
FDEF
CANH
CANL
E35(A), E36(B)
A/C Amplifier
Assembly
3 A
4 A
G
B
5
16
E69
Junction
Connector
2
13
P
B
6 FE4
16 FE4
P
B
1 H
2 H
CANH
CANL
Front Wiper
Deicer Switch
F76(H)
Multi–Media Module
Receiver Assembly
W–B
B
L
6 A
1 A
4 A
4 C
R1B
R2E
R1E
R2B
R
B
W
L
Heated Windshield Defroster RH
A60(A), A61(B), A63(C)
Heated Windshield Defroster (Windshield Glass)
A3
A4

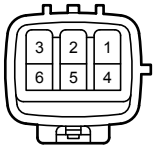



**A60(A), A61(B), A63(C)**
Heated Windshield Defroster (Windshield Glass)

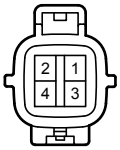
A 60
Black



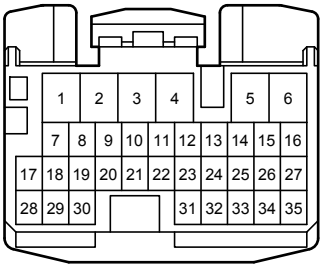

A 61
Gray



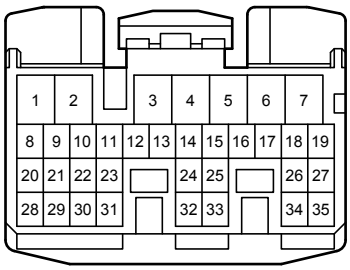

A 63
Gray



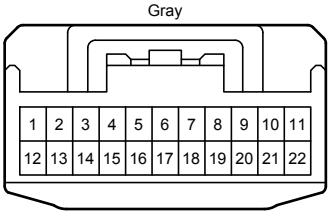

E 35
White



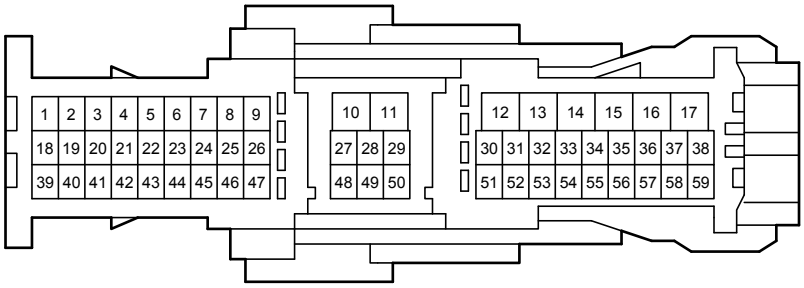

E 36
White



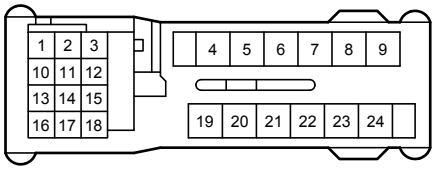

E 69
Gray

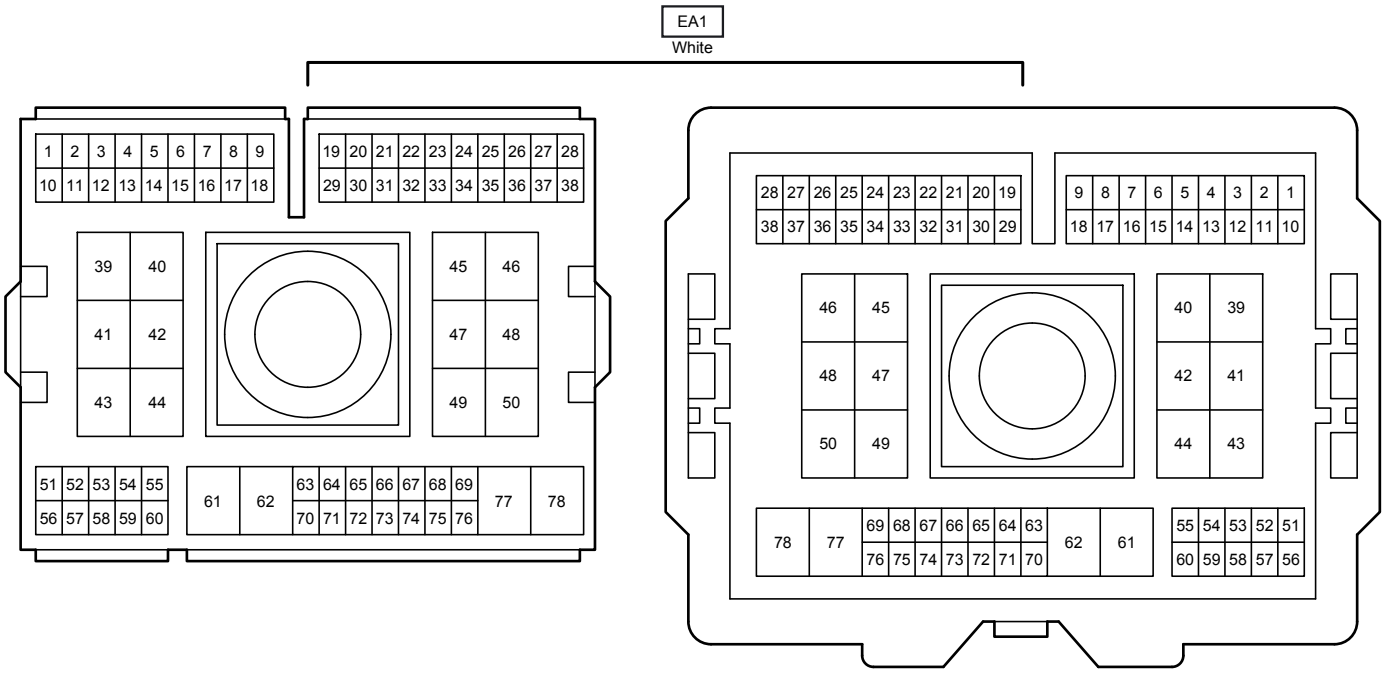


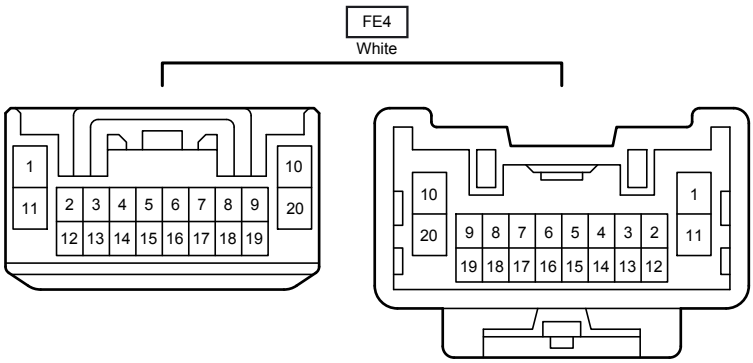

F 76
White

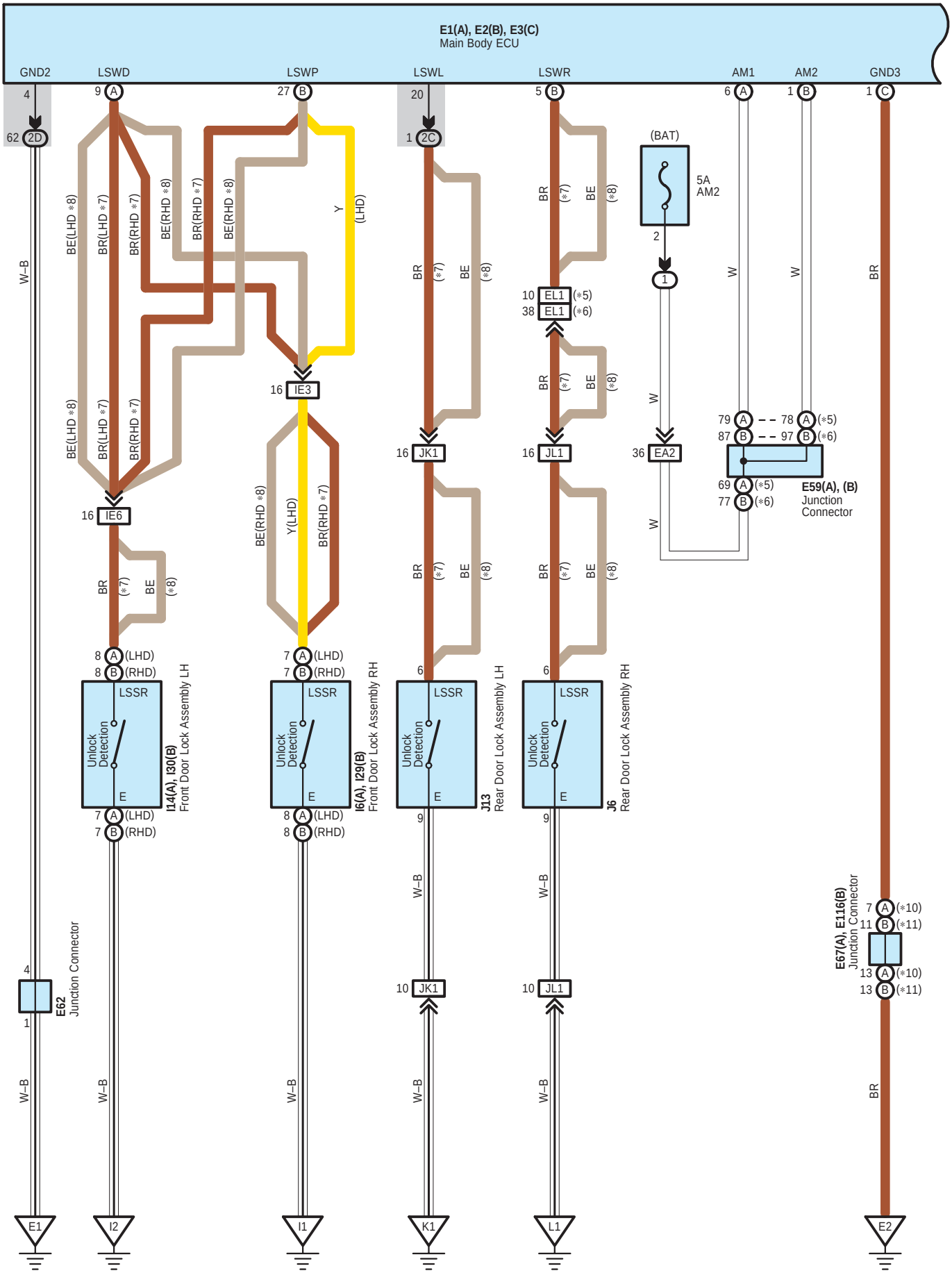


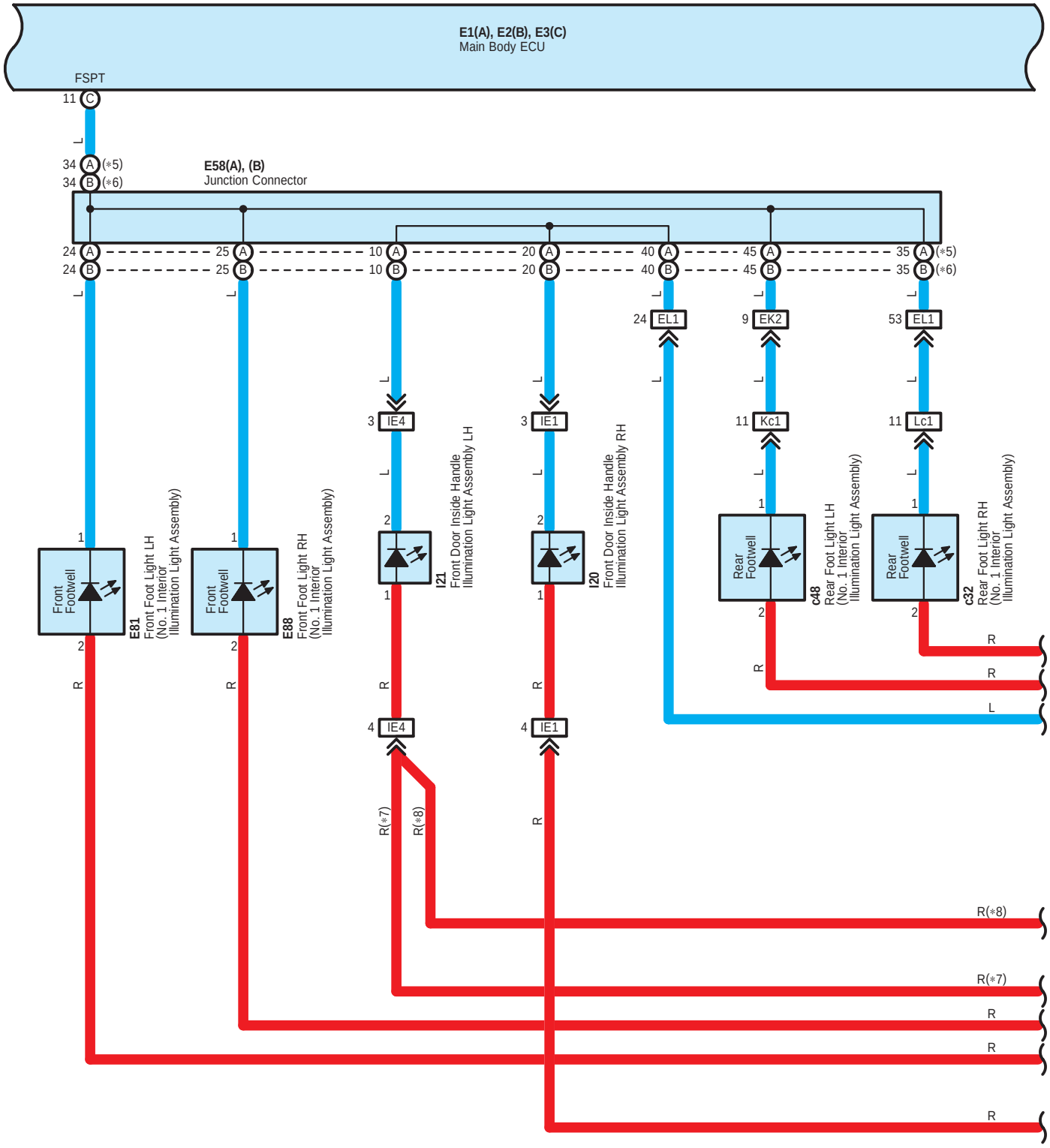

2B
White



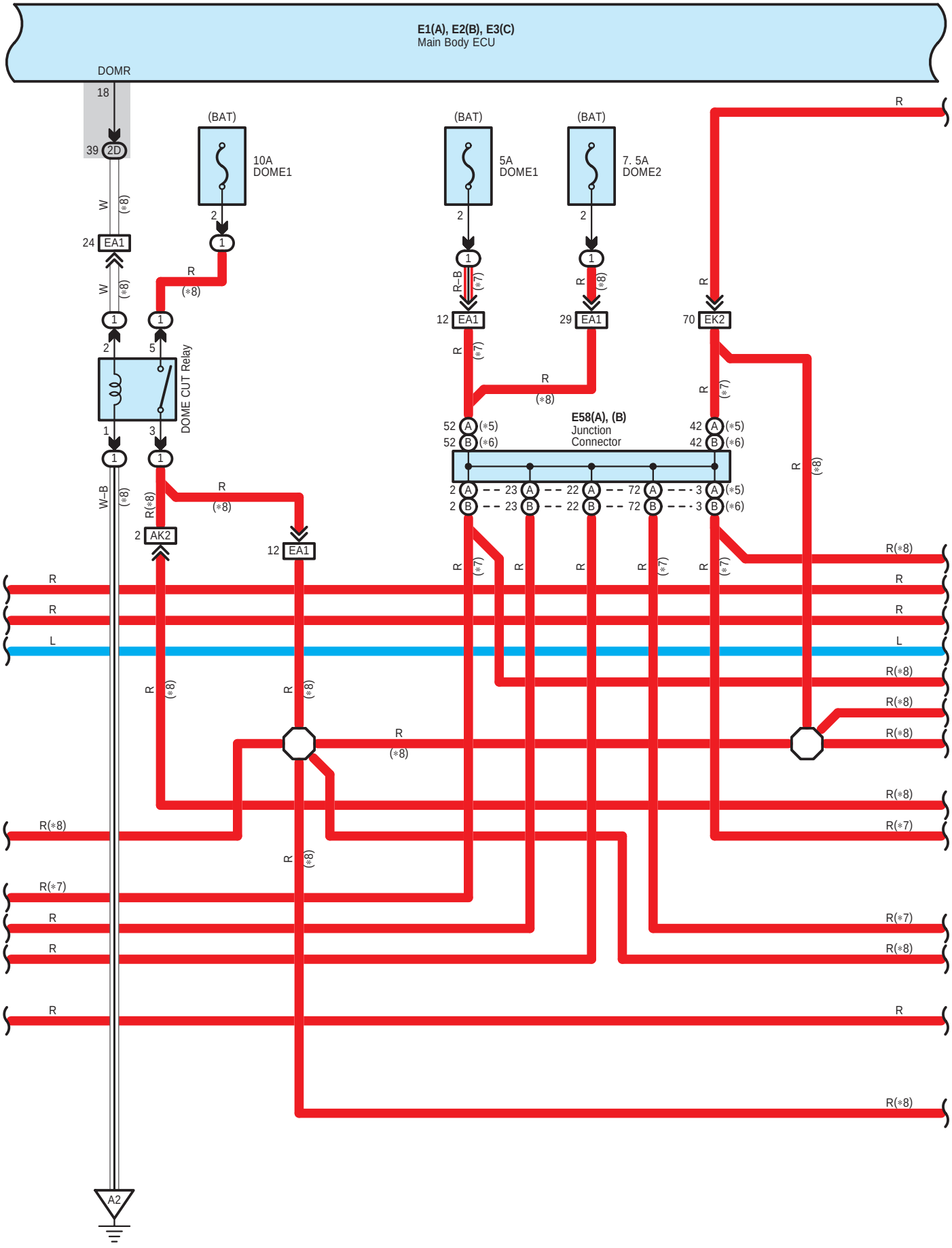

EA1
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7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

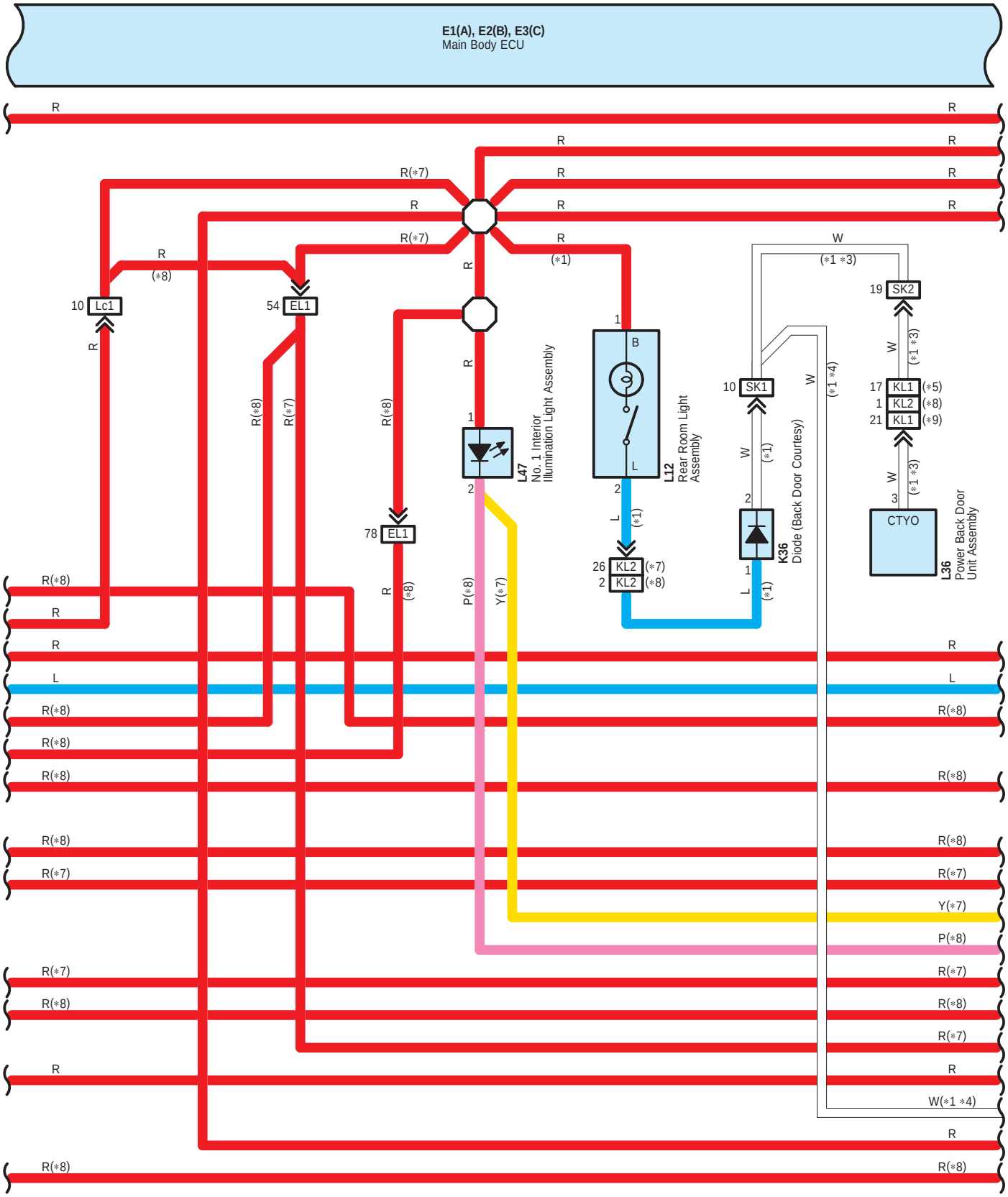

FE4
White
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11


E1(A), E2(B), E3(C)
Main Body ECU
GND2
LSWD
LSWP
LSWL
LSWR
AM1
AM2
GND3
(BAT)
5A
AM2
LSSR
Unlock Detection
E
I14(A), I30(B)
Front Door Lock Assembly LH
I6(A), I29(B)
Front Door Lock Assembly RH
J13
Rear Door Lock Assembly LH
J6
Rear Door Lock Assembly RH
E62
Junction Connector
E59(A), (B)
Junction
Connector
E67(A), E116(B)
Junction Connector
IE6
IE3
JK1
JL1
EL1
EA2
E1
I2
I1
K1
L1
E2

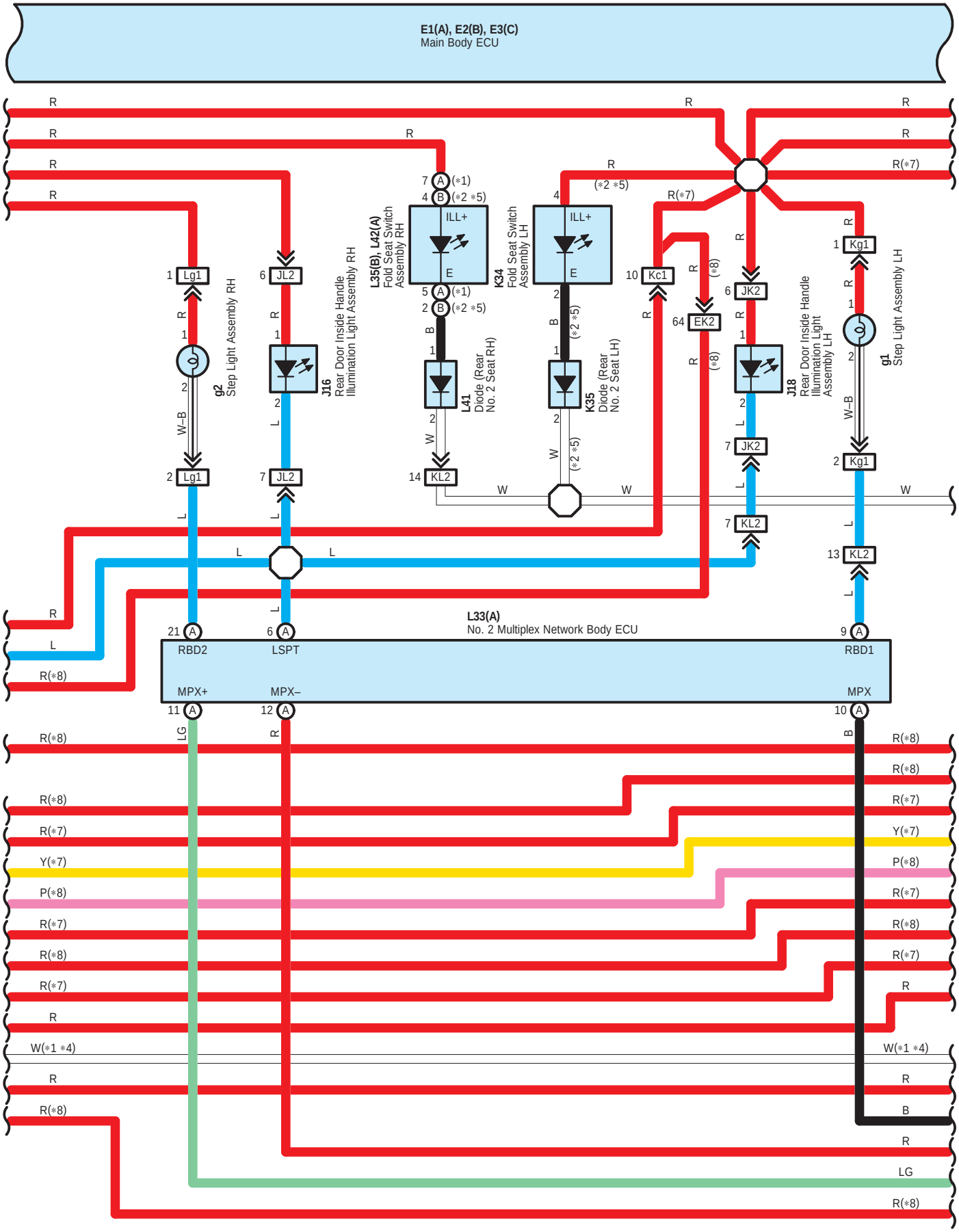


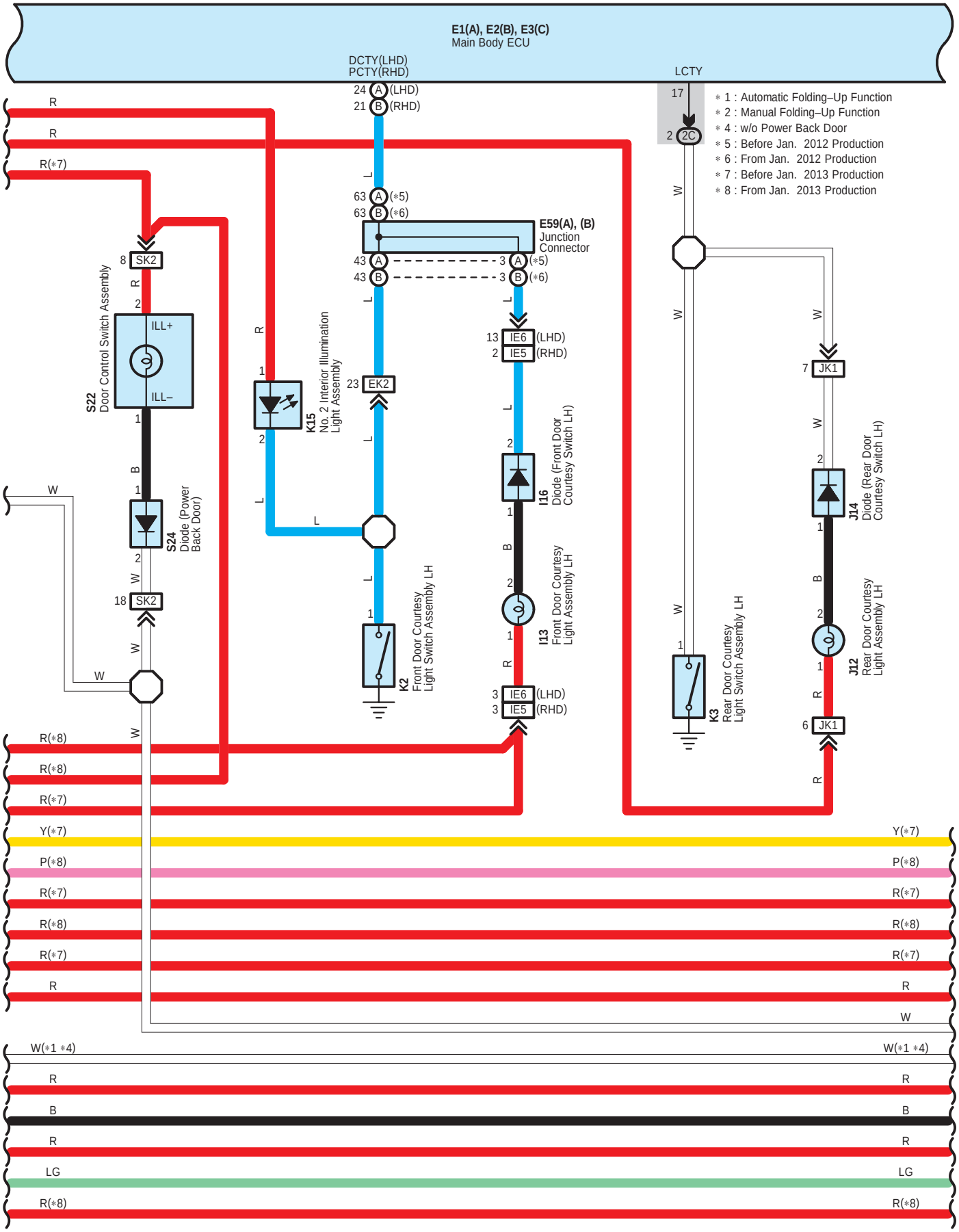

* 5 : Before Jan. 2012 Production
* 6 : From Jan. 2012 Production
* 7 : Before Jan. 2013 Production
* 8 : From Jan. 2013 Production
*10 : RHD, LHD Before Aug. 2013 Production
*11 : LHD From Aug. 2013 Production

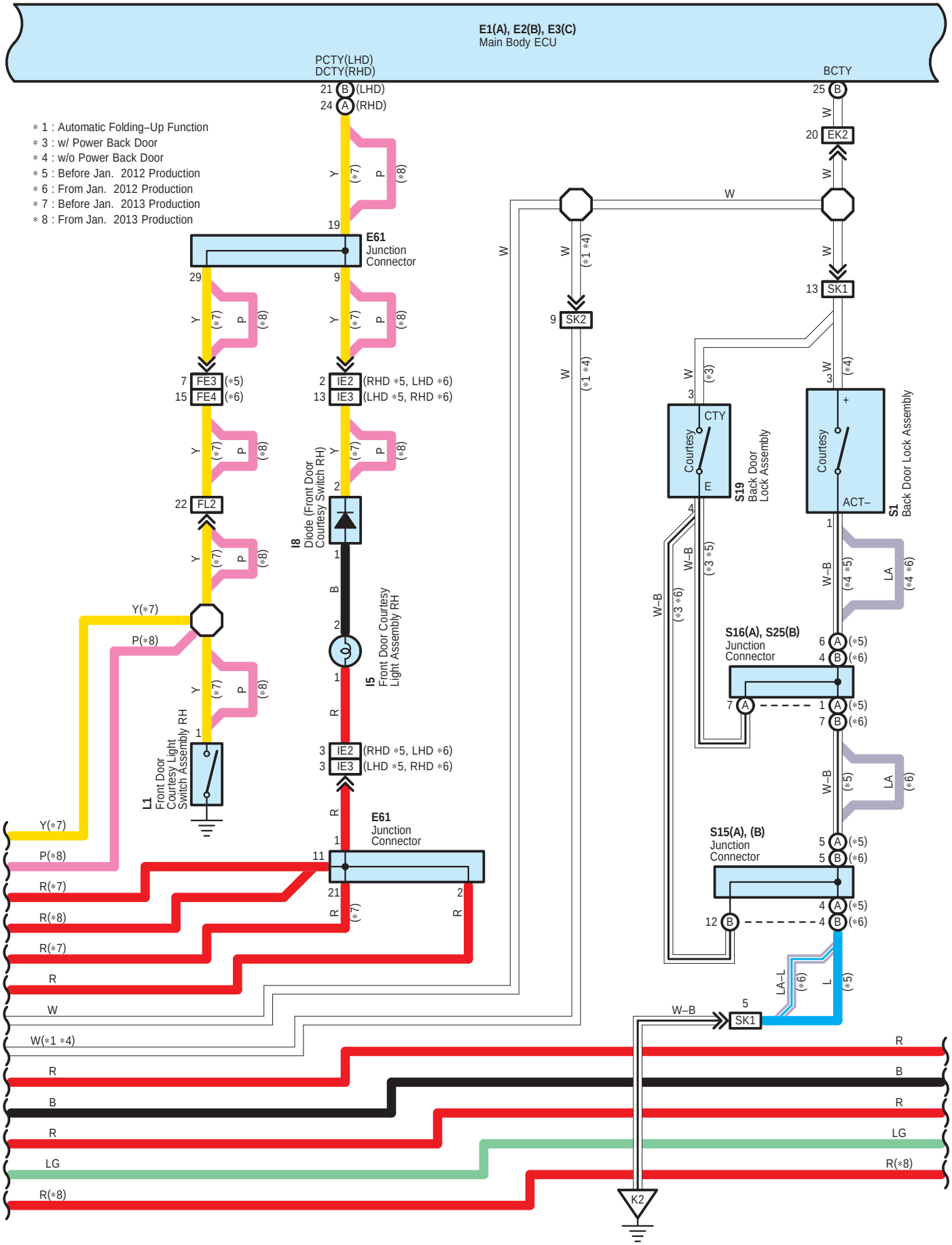

E1(A), E2(B), E3(C)
Main Body ECU
DOMR
18
39 2D
W
(*8)
24 EA1
W
(*8)
1
2
5
DOME CUT Relay
1
3
W–B
(*8)
R(*8)
2 AK2
(BAT)
10A
DOME1
2
1
R
(*8)
12 EA1
(BAT)
5A
DOME1
2
1
R–B
(*7)
12 EA1
R
(*7)
(BAT)
7. 5A
DOME2
2
1
R
(*8)
29 EA1
R
(*8)
R
70 EK2
R
(*7)
R
(*8)
E58(A), (B)
Junction
Connector
52 A (*5)
52 B (*6)
42 A (*5)
42 B (*6)
2 A – 23 A – 22 A – 72 A – 3 A (*5)
2 B – 23 B – 22 B – 72 B – 3 B (*6)
R
(*7)
R
(*8)
R
(*8)
R
(*8

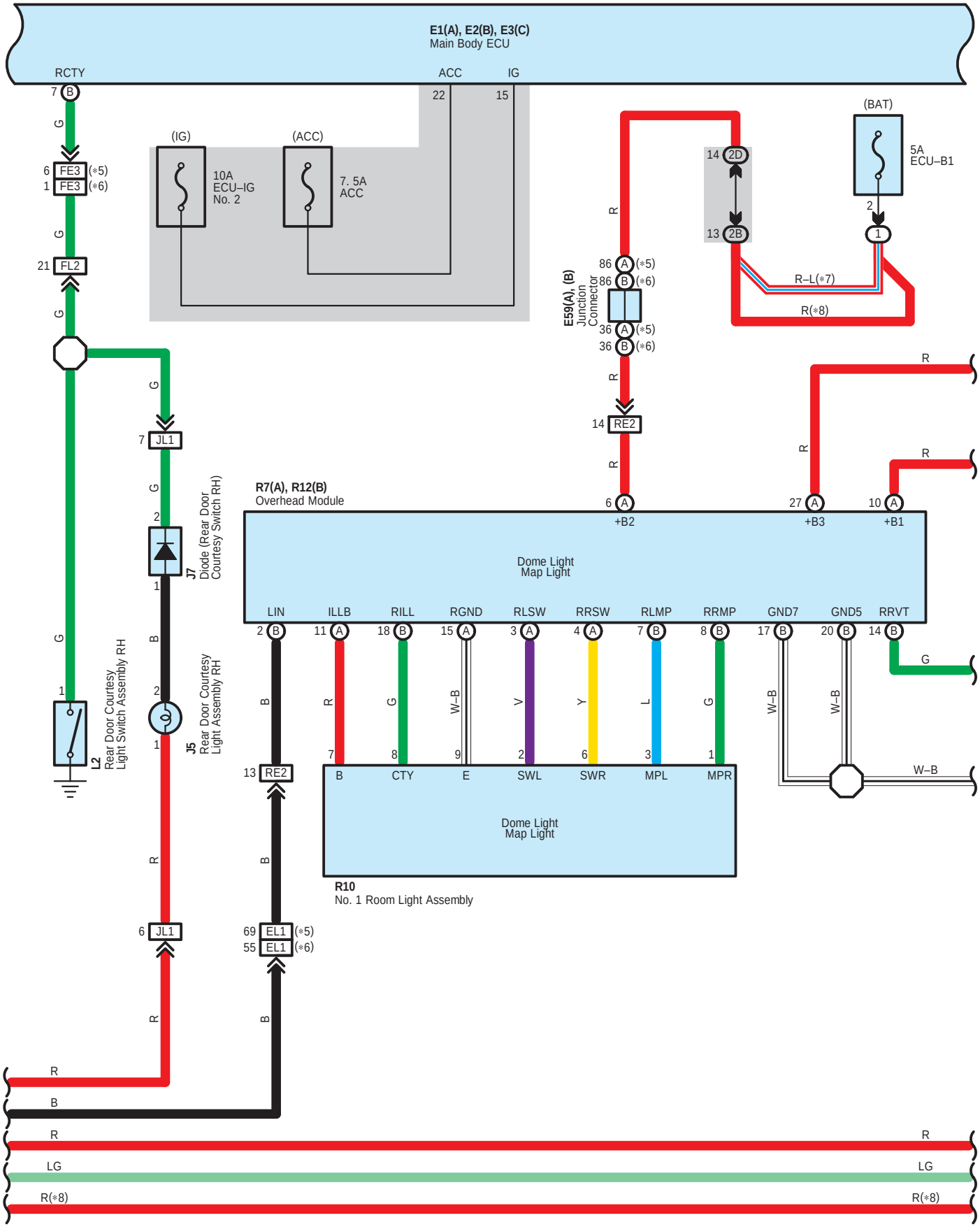


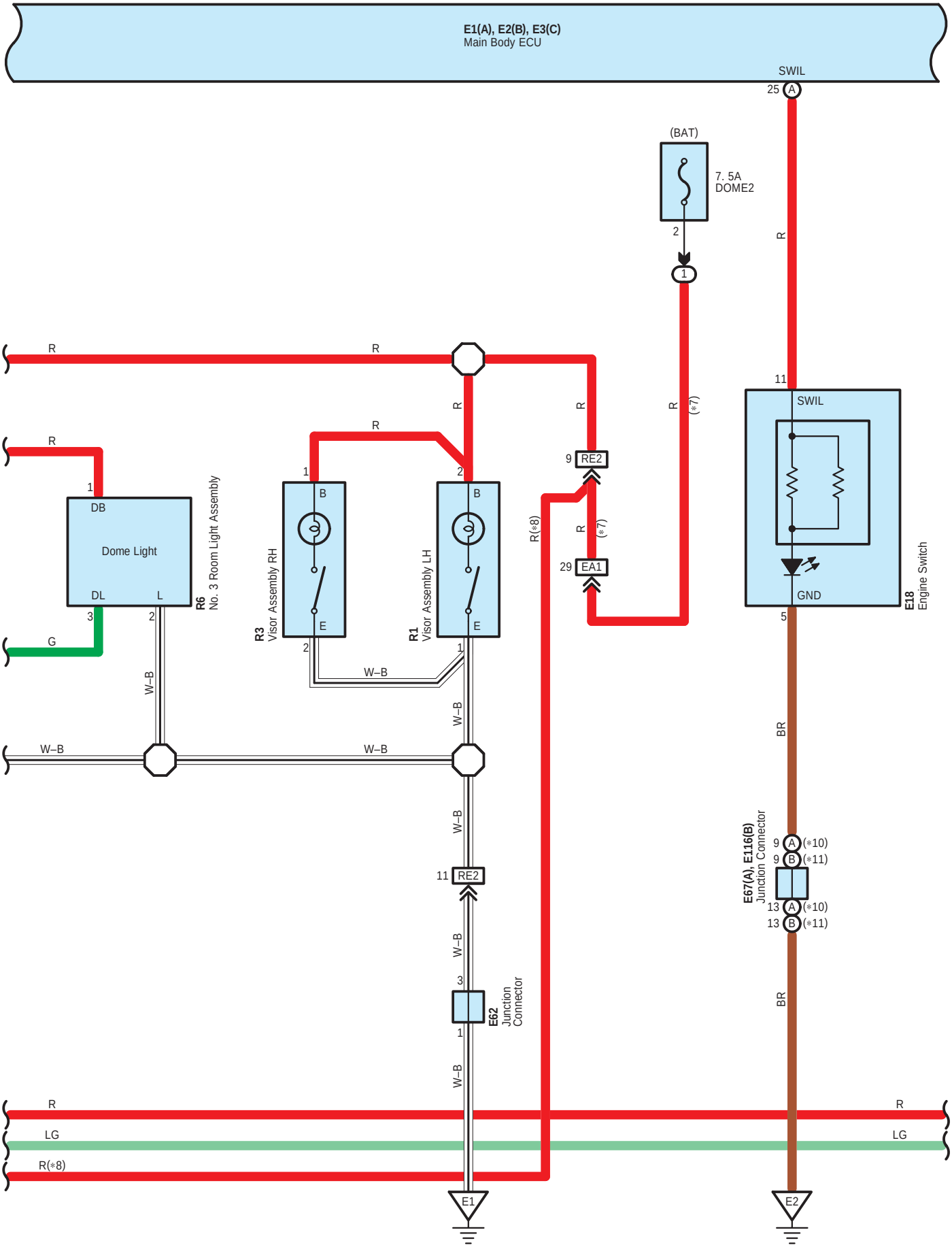

* 1 : Automatic Folding–Up Function
* 3 : w/ Power Back Door
* 4 : w/o Power Back Door
* 5 : Before Jan. 2012 Production
* 6 : From Jan. 2012 Production
* 7 : Before Jan. 2013 Production
* 8 : From Jan. 2013 Production
* 9 : From Jan. 2012 Production until Jan. 2013 Production

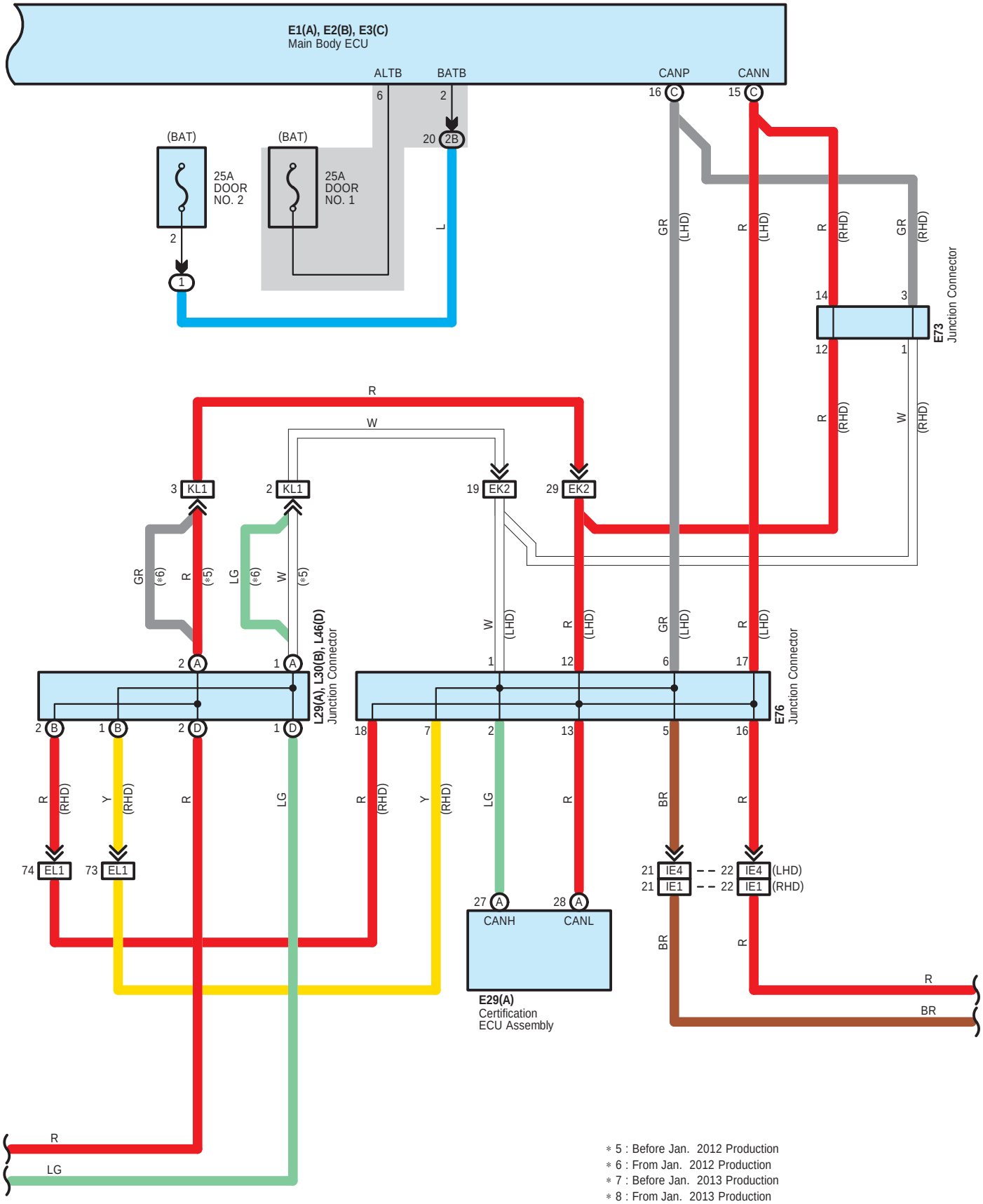

E1(A), E2(B), E3(C)
Main Body ECU
L33(A)
No. 2 Multiplex Network Body ECU
RBD2
LSPT
RBD1
MPX+
MPX–
MPX
g2
Step Light Assembly RH
J16
Rear Door Inside Handle Illumination Light Assembly RH
L35(B), L42(A)
Fold Seat Switch Assembly RH
K34
Fold Seat Switch Assembly LH
L41
Diode (Rear No. 2 Seat RH)
K35
Diode (Rear No. 2 Seat LH)
J18
Rear Door Inside Handle Illumination Light Assembly LH
g1
Step Light Assembly LH
ILL+
E
Lg1
JL2
KL2
Kc1
EK2
JK2
Kg1


E1(A), E2(B), E3(C)
Main Body ECU
DCTY(LHD)
PCTY(RHD)
LCTY
24 A (LHD)
21 B (RHD)
17
2 2C
∗1 : Automatic Folding–Up Function
∗2 : Manual Folding–Up Function
∗4 : w/o Power Back Door
∗5 : Before Jan. 2012 Production
∗6 : From Jan. 2012 Production
∗7 : Before Jan. 2013 Production
∗8 : From Jan. 2013 Production
63 A (∗5)
63 B (∗6)
E59(A), (B)
Junction
Connector
43 A
43 B
3 A (∗5)
3 B (∗6)
13 IE6 (LHD)
2 IE5 (RHD)
3 IE6 (LHD)
3 IE5 (RHD)
8 SK2
18 SK2
23 EK2
7 JK1
6 JK1
S22
Door Control Switch Assembly
ILL+
ILL–
S24
Diode (Power
Back Door)
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
K3
Rear Door Courtesy
Light Switch Assembly LH
J14
Diode (Rear Door
Courtesy Switch LH)
J12
Rear Door Courtesy
Light Assembly LH
R
R
R(∗7)
W
R(∗8)
R(∗8)
R(∗7)
Y(∗7)
P(∗8)
R(∗7)
R(∗8)
R(∗7)
R
W
W(∗1 ∗4)
R
B
R
LG
R(∗8)
L
B
W

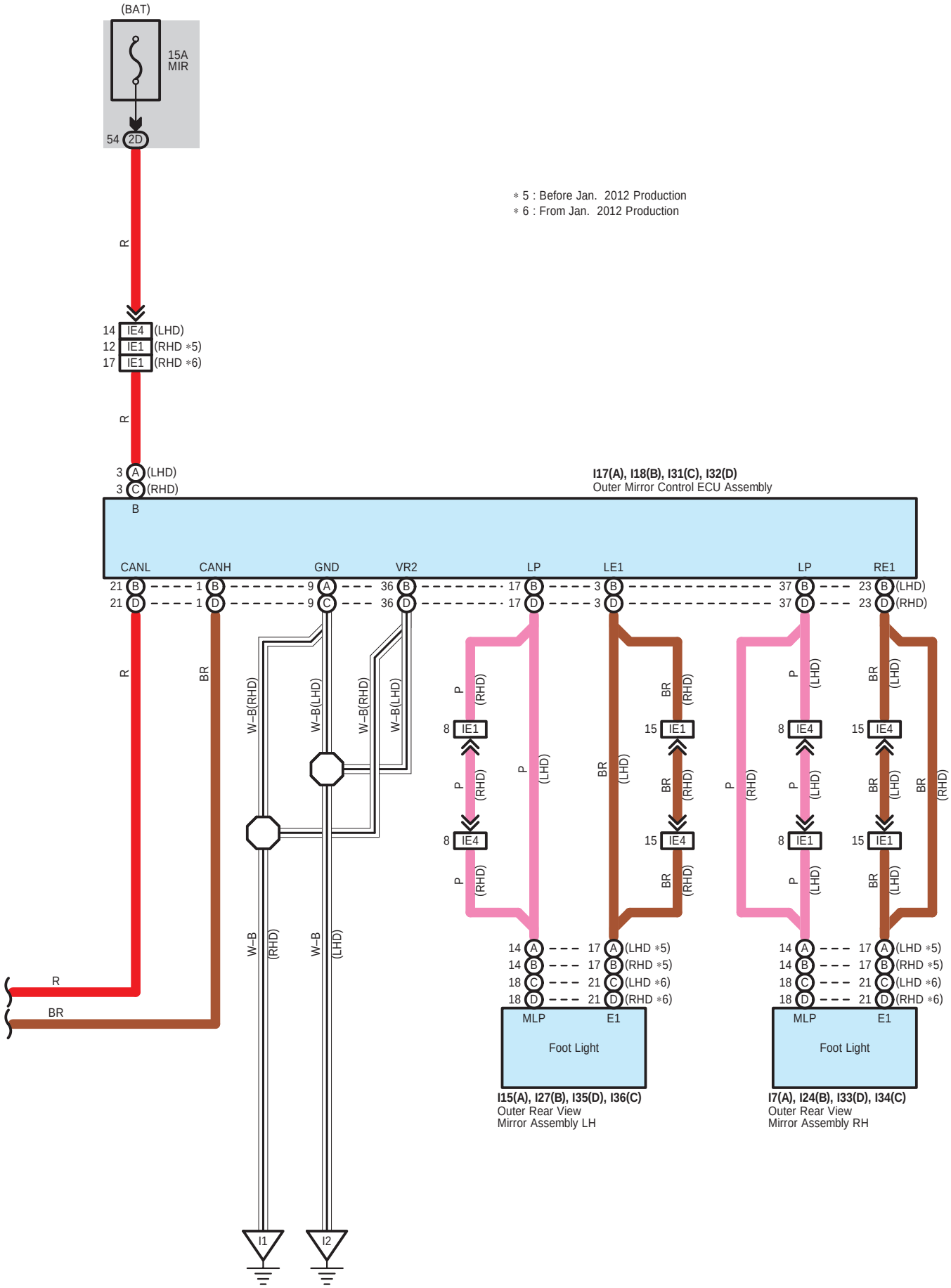

E1(A), E2(B), E3(C)
Main Body ECU
PCTY(LHD)
DCTY(RHD)
BCTY
21 B (LHD)
24 A (RHD)
25 B
20 EK2
∗1 : Automatic Folding–Up Function
∗3 : w/ Power Back Door
∗4 : w/o Power Back Door
∗5 : Before Jan. 2012 Production
∗6 : From Jan. 2012 Production
∗7 : Before Jan. 2013 Production
∗8 : From Jan. 2013 Production
19
E61
Junction
Connector
29
9
7 FE3 (∗5)
15 FE4 (∗6)
2 IE2 (RHD ∗5, LHD ∗6)
13 IE3 (LHD ∗5, RHD ∗6)
22 FL2
I8
Diode (Front Door
Courtesy Switch RH)
2
1
B
2
I5
Front Door Courtesy
Light Assembly RH
1
R
3 IE2 (RHD ∗5, LHD ∗6)
3 IE3 (LHD ∗5, RHD ∗6)
L1
Front Door
Courtesy Light
Switch Assembly RH
1
E61
Junction
Connector
11
21
2
9 SK2
13 SK1
W
(∗1 ∗4)
3
CTY
Courtesy
E
S19
Back Door
Lock Assembly
(∗3)
4
(∗3 ∗5)
(∗3 ∗6)
W–B
Courtesy
ACT–
S1
Back Door Lock Assembly
1
(∗4 ∗5)
(∗4 ∗6)
LA
S16(A), S25(B)
Junction
Connector
6 A (∗5)
4 B (∗6)
7 A
1 A (∗5)
7 B (∗6)
(∗5)
(∗6)
S15(A), (B)
Junction
Connector
5 A (∗5)
5 B (∗6)
4 A (∗5)
12 B
4 B (∗6)
LA–L
L
5
SK1
K2
Y(∗7)
P(∗8)
R(∗7)
R(∗8)
R
W
W(∗1 ∗4)
B
LG
R(∗8)


E1(A), E2(B), E3(C)
Main Body ECU
RCTY
ACC
IG
(IG)
(ACC)
10A
ECU–IG
No. 2
7. 5A
ACC
(BAT)
5A
ECU–B1
E59(A), (B)
Junction
Connector
R–L(*7)
R(*8)
R7(A), R12(B)
Overhead Module
+B2
+B3
+B1
Dome Light
Map Light
LIN
ILLB
RILL
RGND
RLSW
RRSW
RLMP
RRMP
GND7
GND5
RRVT
B
CTY
E
SWL
SWR
MPL
MPR
R10
No. 1 Room Light Assembly
J7
Diode (Rear Door
Courtesy Switch RH)
J5
Rear Door Courtesy
Light Assembly RH
L2
Rear Door Courtesy
Light Switch Assembly RH
W–B
LG

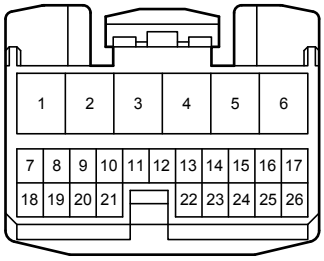

E1(A), E2(B), E3(C)
Main Body ECU
SWIL
25
A
(BAT)
7. 5A
DOME2
2
1
R
11
SWIL
GND
E18
Engine Switch
5
BR
R
(*7)
9
RE2
29
EA1
R(*8)
R
1
DB
Dome Light
DL
L
3
2
R6
No. 3 Room Light Assembly
G
W–B
R3
Visor Assembly RH
B
E
R1
Visor Assembly LH
11
RE2
3
E62
Junction
Connector
E67(A), E116(B)
Junction Connector
9
(*10)
(*11)
13
LG
E1
E2



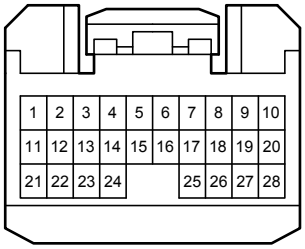

* 5 : Before Jan. 2012 Production
* 6 : From Jan. 2012 Production
* 7 : Before Jan. 2013 Production
* 8 : From Jan. 2013 Production
*10 : RHD, LHD Before Aug. 2013 Production
*11 : LHD From Aug. 2013 Production


(BAT)
15A
MIR
54 2D
R
14 IE4 (LHD)
12 IE1 (RHD ∗5)
17 IE1 (RHD ∗6)
R
3 A (LHD)
3 C (RHD)
B
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
I17(A), I18(B), I31(C), I32(D)
Outer Mirror Control ECU Assembly
CANL
CANH
GND
VR2
LP
LE1
LP
RE1
21 B
21 D
1 B
1 D
9 A
9 C
36 B
36 D
17 B
17 D
3 B
3 D
37 B
37 D
23 B (LHD)
23 D (RHD)
R
BR
W–B(RHD)
W–B(LHD)
W–B(RHD)
W–B(LHD)
P (RHD)
8 IE1
P (RHD)
8 IE4
P (RHD)
P (LHD)
BR (LHD)
15 IE1
BR (RHD)
15 IE4
BR (RHD)
P (LHD)
8 IE4
P (LHD)
8 IE1
P (LHD)
BR (LHD)
15 IE4
BR (LHD)
15 IE1
BR (LHD)
BR (RHD)
R
BR
W–B (RHD)
W–B (LHD)
14 A
14 B
18 C
18 D
17 A (LHD ∗5)
17 B (RHD ∗5)
21 C (LHD ∗6)
21 D (RHD ∗6)
MLP
E1
Foot Light
I15(A), I27(B), I35(D), I36(C)
Outer Rear View
Mirror Assembly LH
I7(A), I24(B), I33(D), I34(C)
Outer Rear View
Mirror Assembly RH
I1
I2

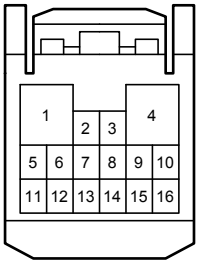
E 1
White



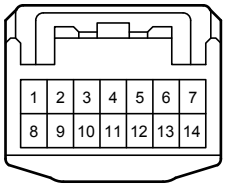

E 2
White



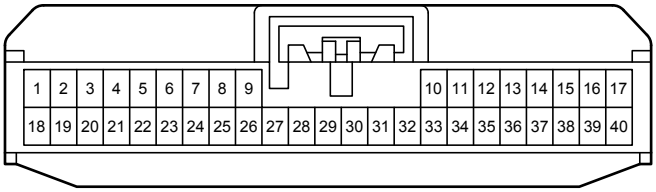

E 3
White



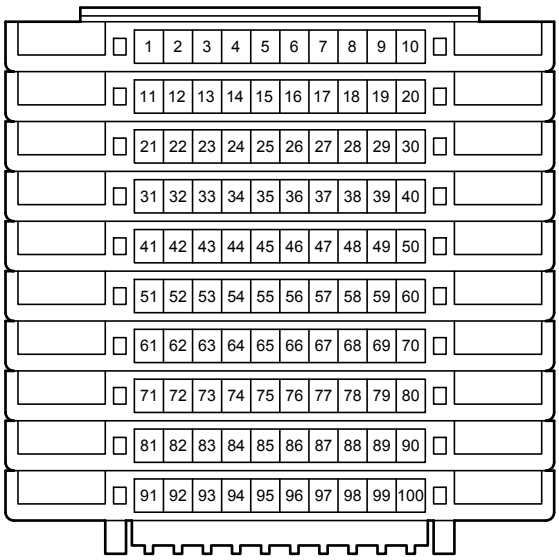

E 18
Black



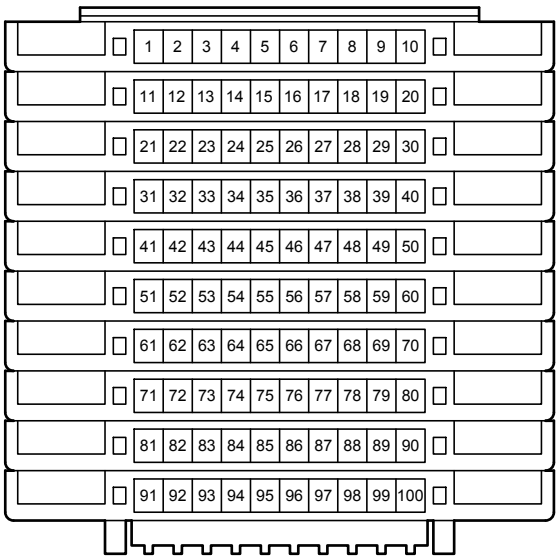

E 29
White



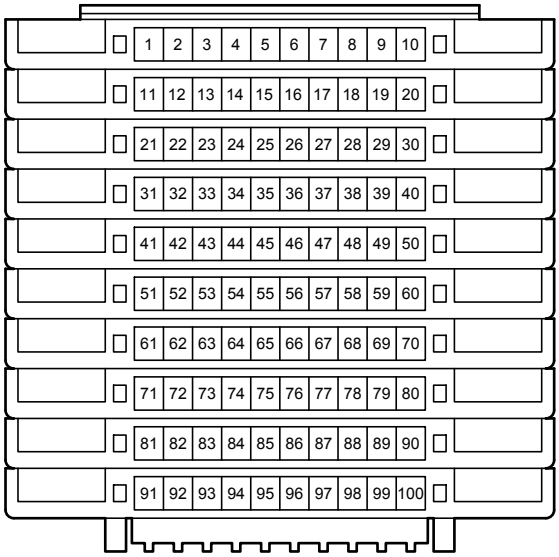

E 58
White



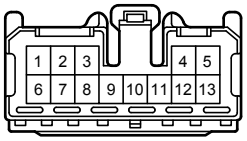

E 59
White



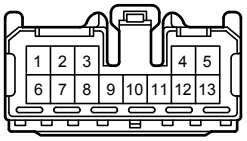
E 61
White



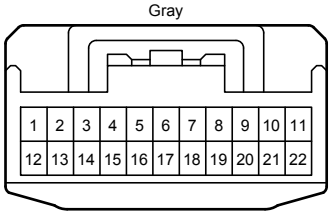

E 62
White



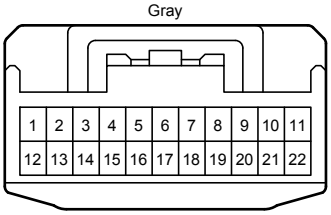

E 67
White



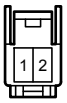

E 73
Gray



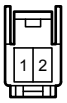

E 76
Gray



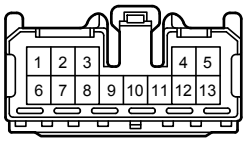

E 81
White




E 88
White



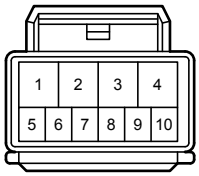

E116
White



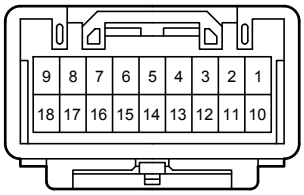

I 5
White




I 6
White




I 7
White



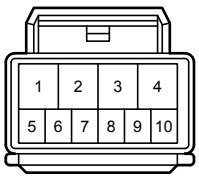

I 8
White



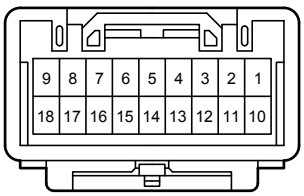

I 13
White




I 14
White



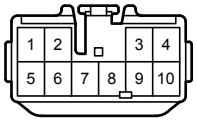

I 15
White



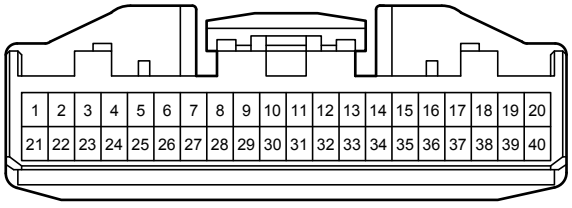

I 16
White



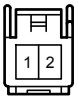

I 17
White



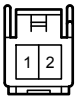

I 18
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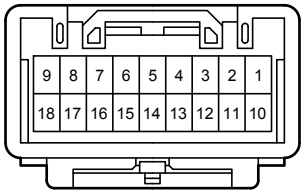

I 20
White



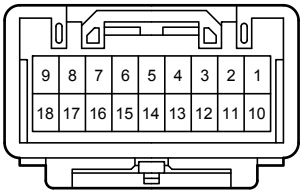

I 21
White



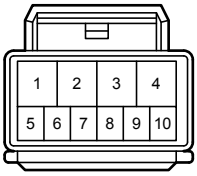
I 24
White



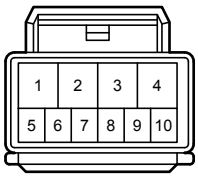

I 27
White



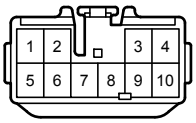

I 29
White



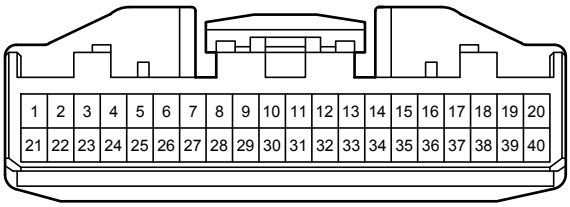

I 30
White



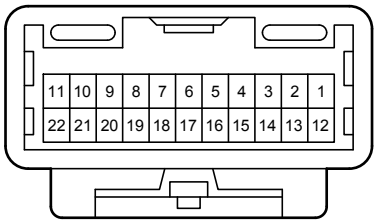

I 31
White



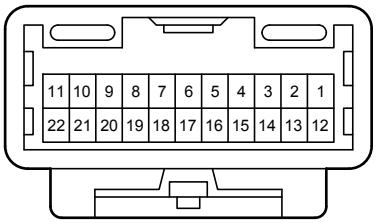

I 32
White



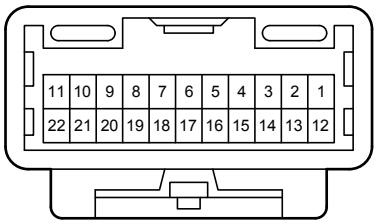

I 33
White



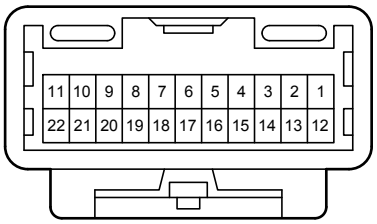

I 34
White




I 35
White



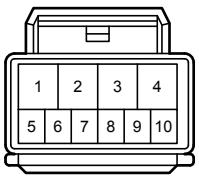

I 36
White




J 5
White




J 6
White



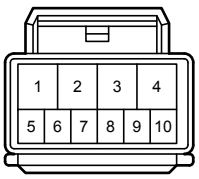

J 7
White




J 12
White



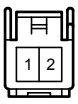

J 13
White



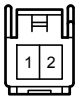

J 14
White




J 16
White




J 18
White




K 2
White



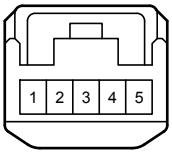

K 3
White




K 15
White




K 34
White




K 35
White



K 36
White



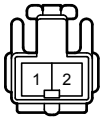

L 1
White



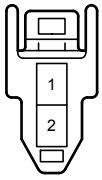

L 2
White



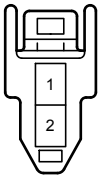

L 12
White



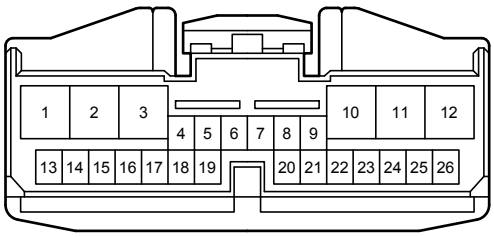

L 29
White



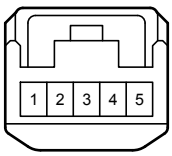

L 30
White



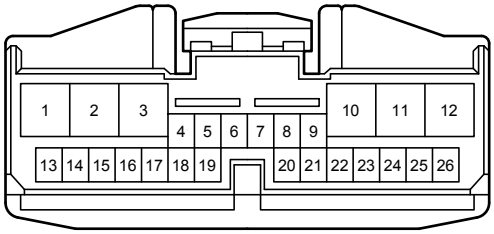

L 33
White




L 35
White



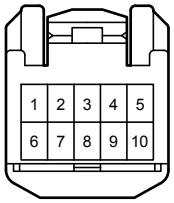

L 36
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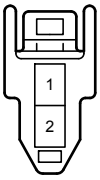

L 41
White




L 42
White



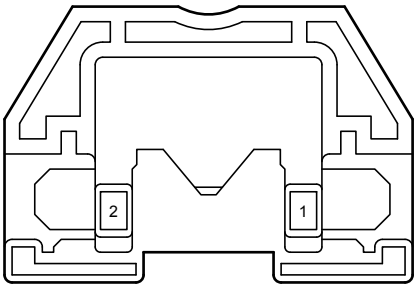

L 46
White



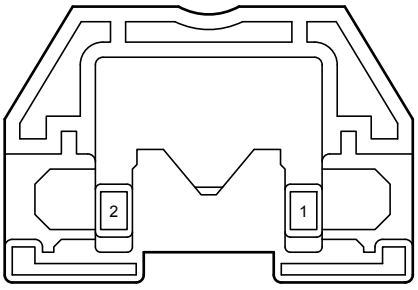

L 47
White



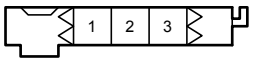

R 1
White



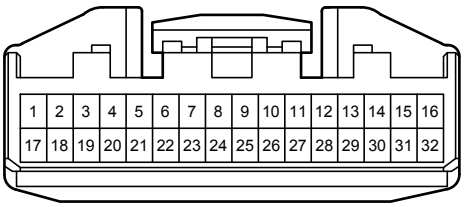

R 3
White



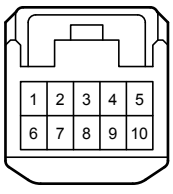

R 6
White



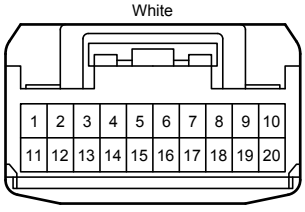

R 7
White



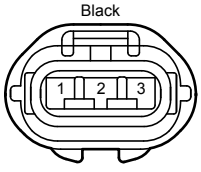

R 10
White



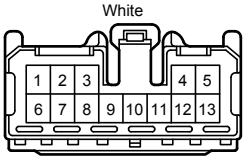

R 12
White



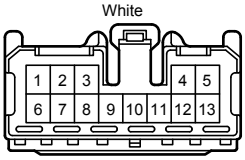

S 1
Black



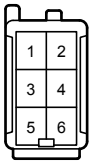

S 15
White



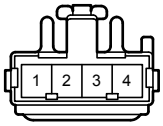

S 16
White



S 19
Black



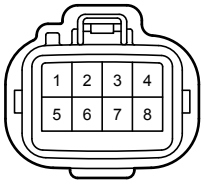

S 22
Black



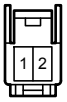

S 24
White



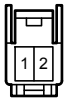

S 25
Dark Gray




c 32
Black




c 48
Black



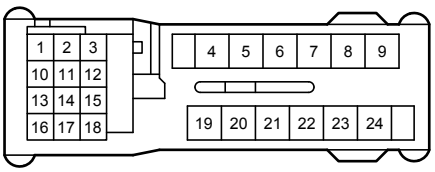

g 1
White



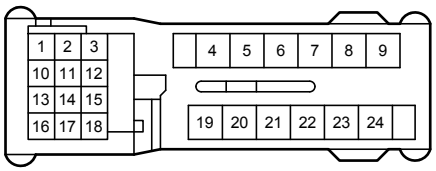

g 2
White



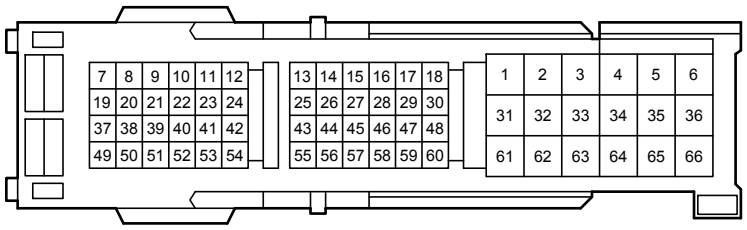

2B
White



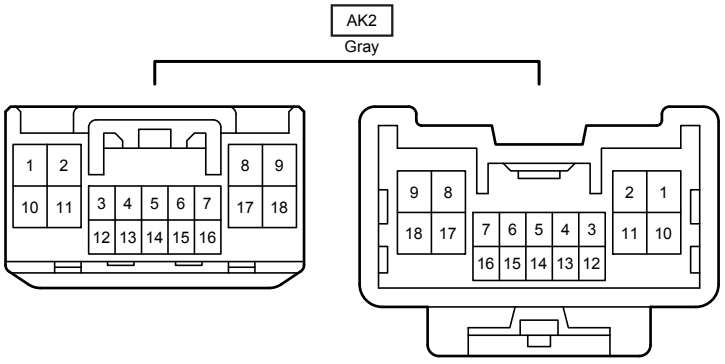

2C
White




2D
White

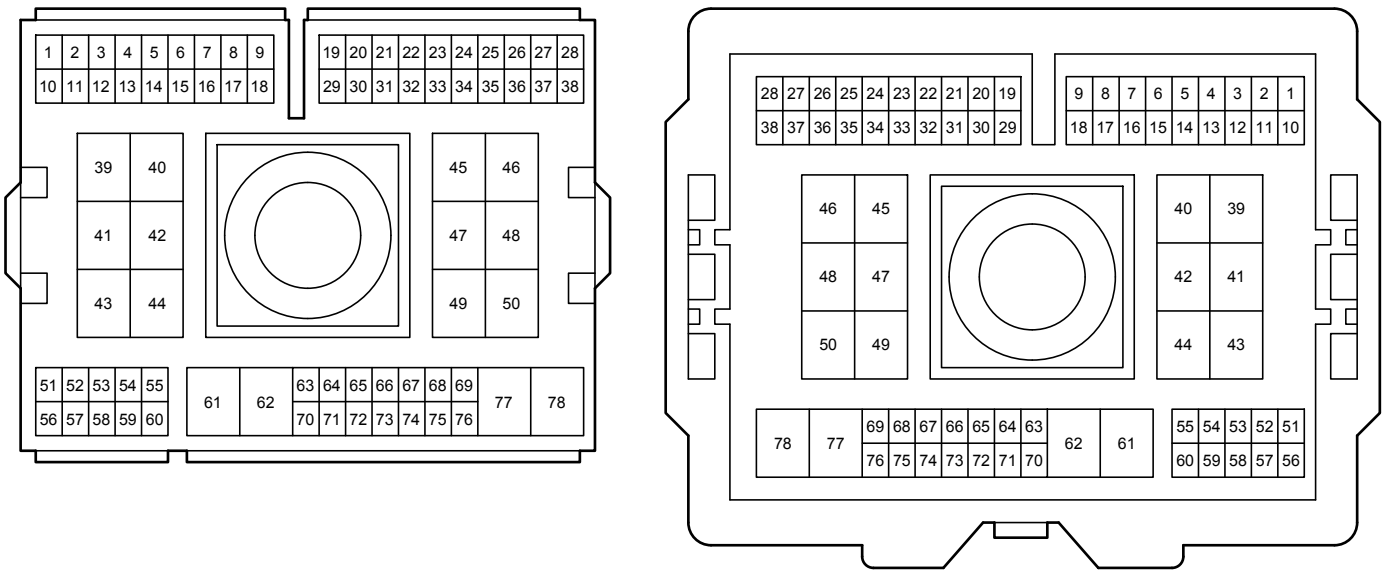



AK2
Gray



EA1

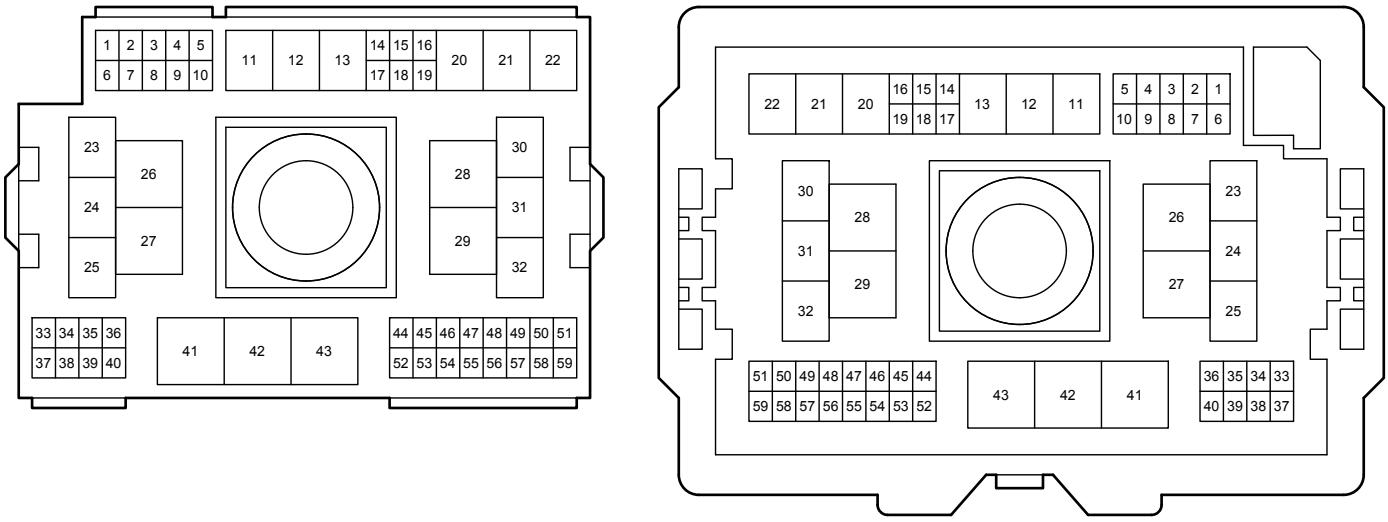
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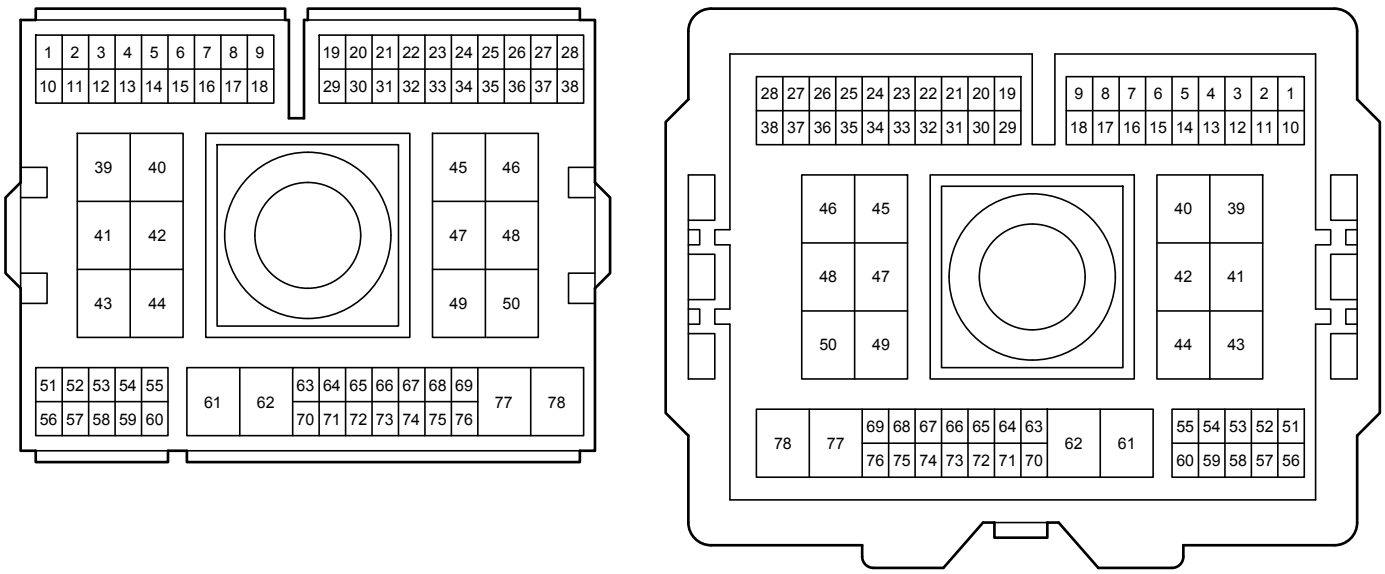

EA2

White

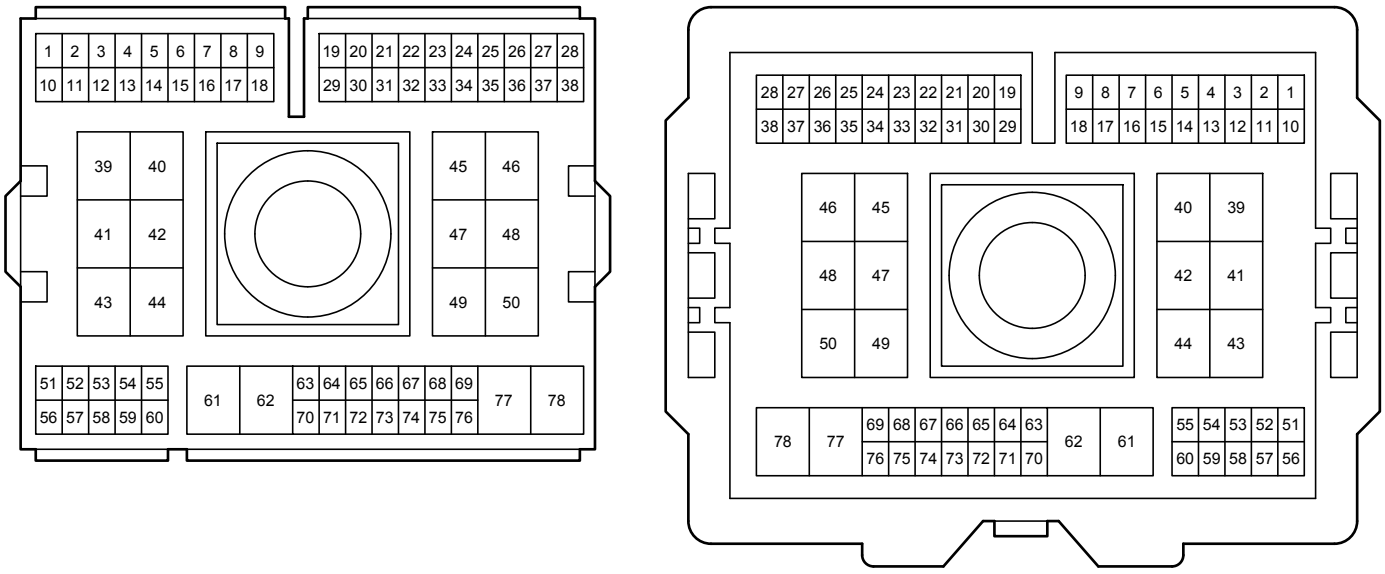
Gray



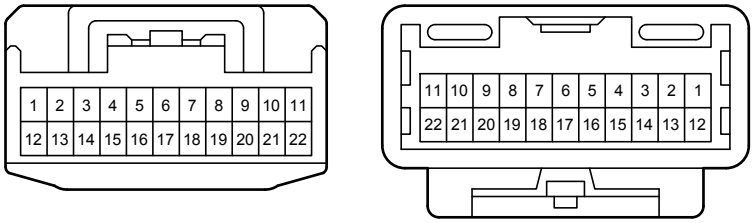
EK2
White



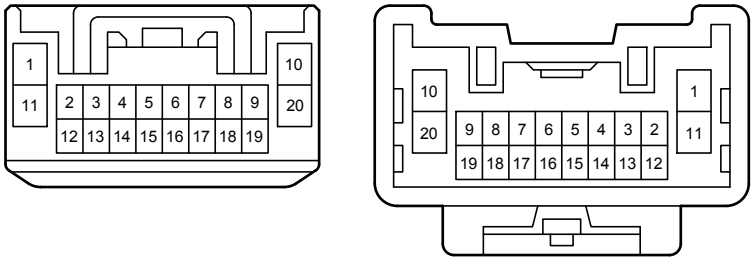

EL1
White



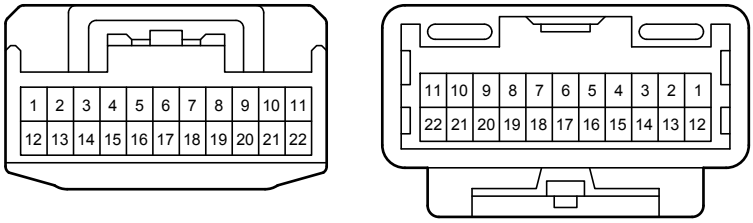

FE3
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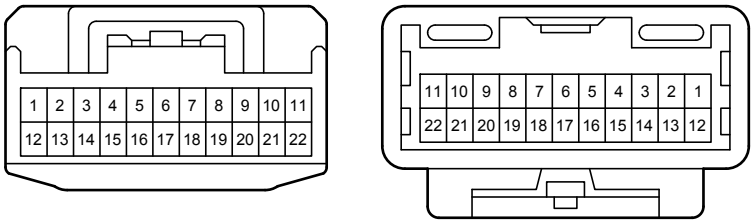
FE4
White



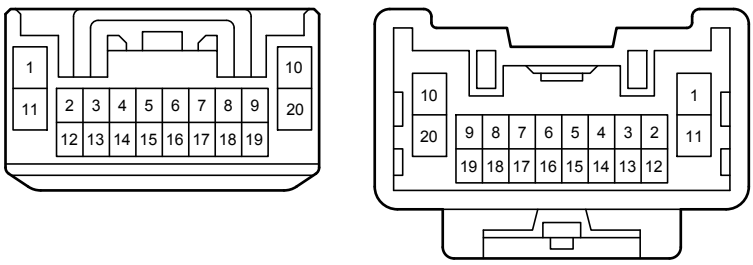

FL2
Blue



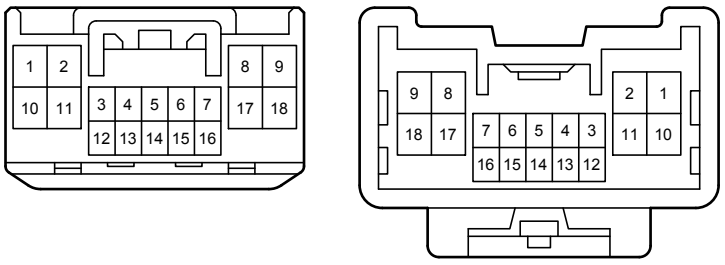

IE1
Gray



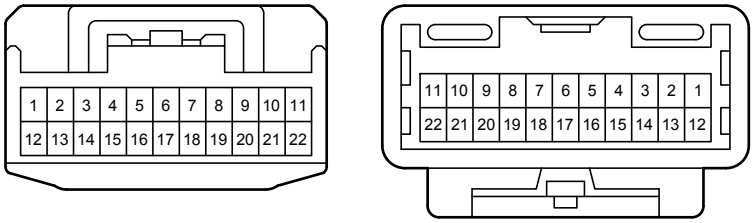

IE2
Blue



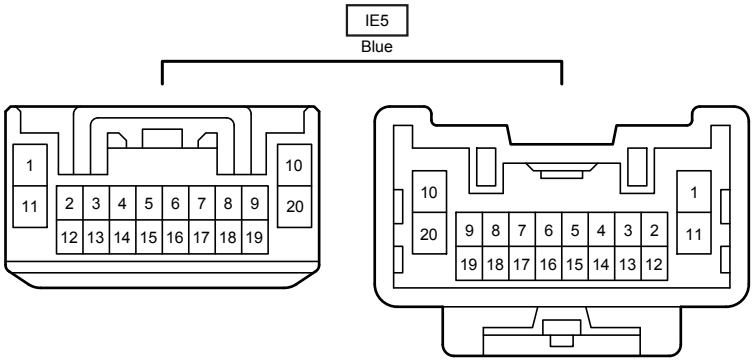

IE3
White



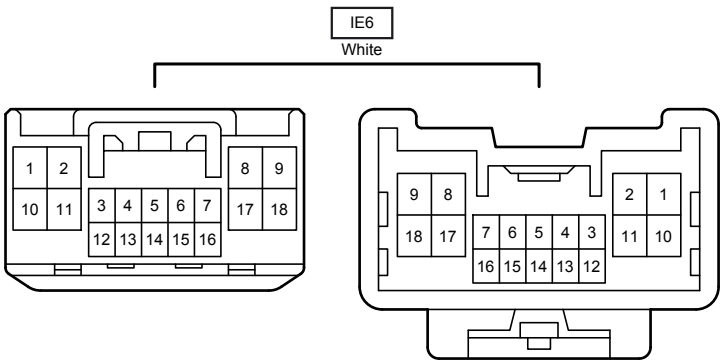
IE4
Gray



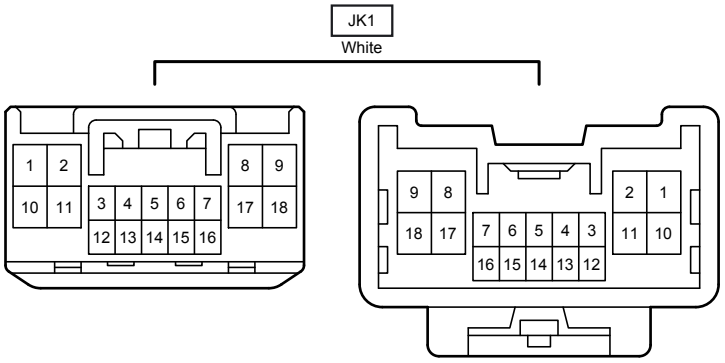

IE5
Blue



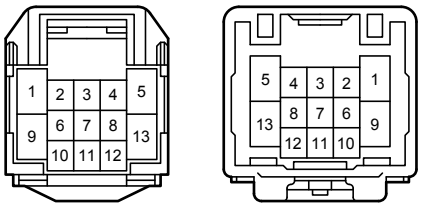

IE6
White



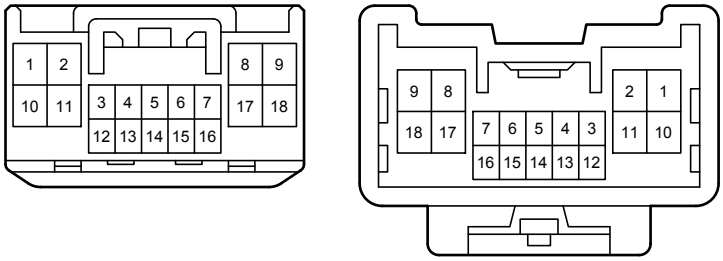

JK1
White



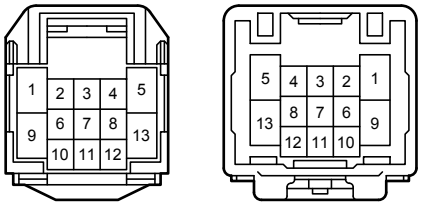

JK2
White



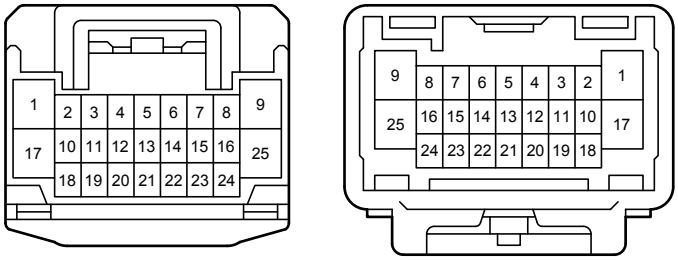
JL1
White



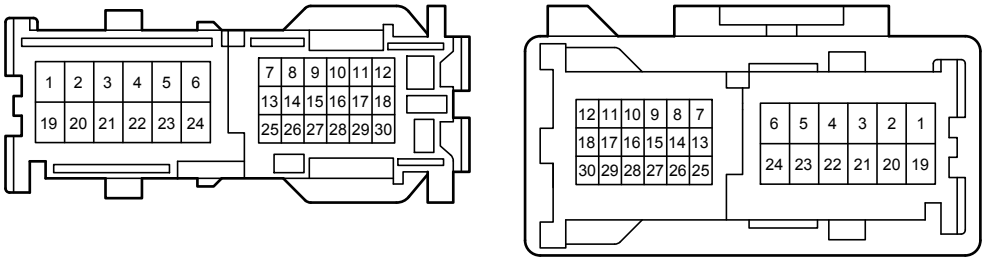

JL2
White



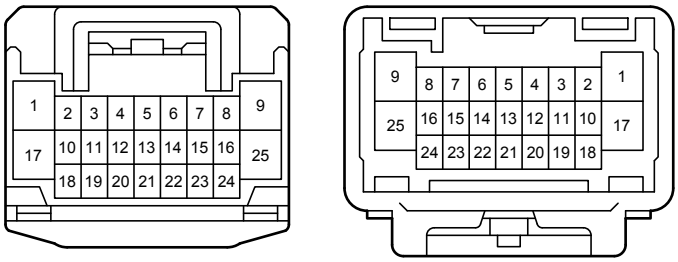

KL1
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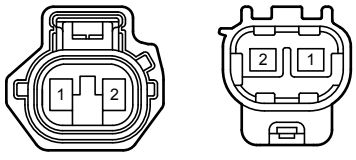

KL2
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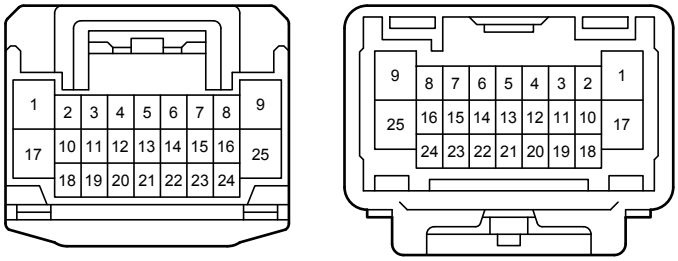

Kc1
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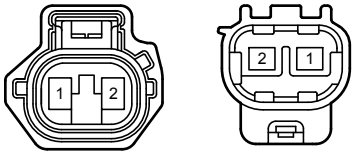

Kg1
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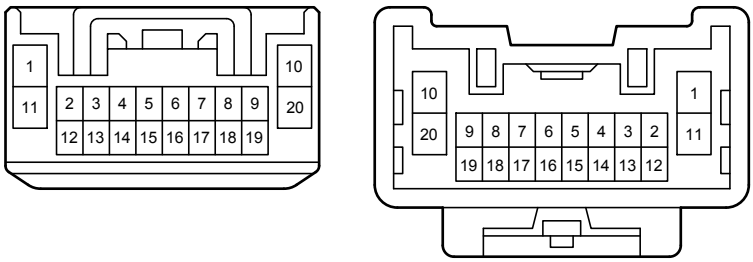
Lc1
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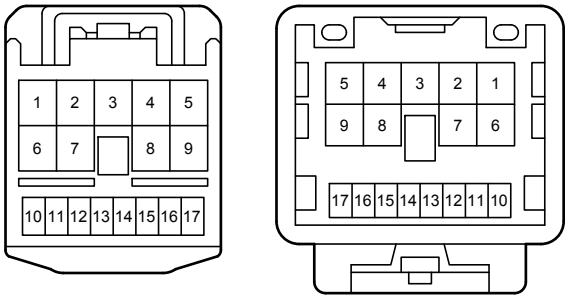

Lg1
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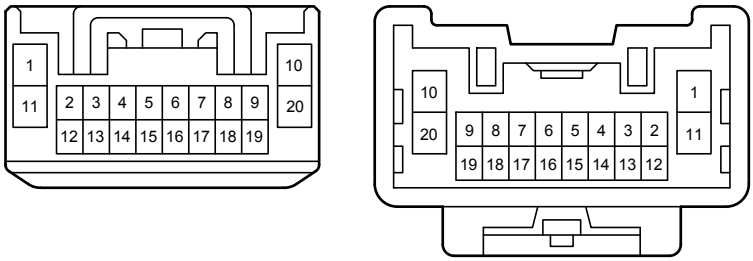

RE2
Blue

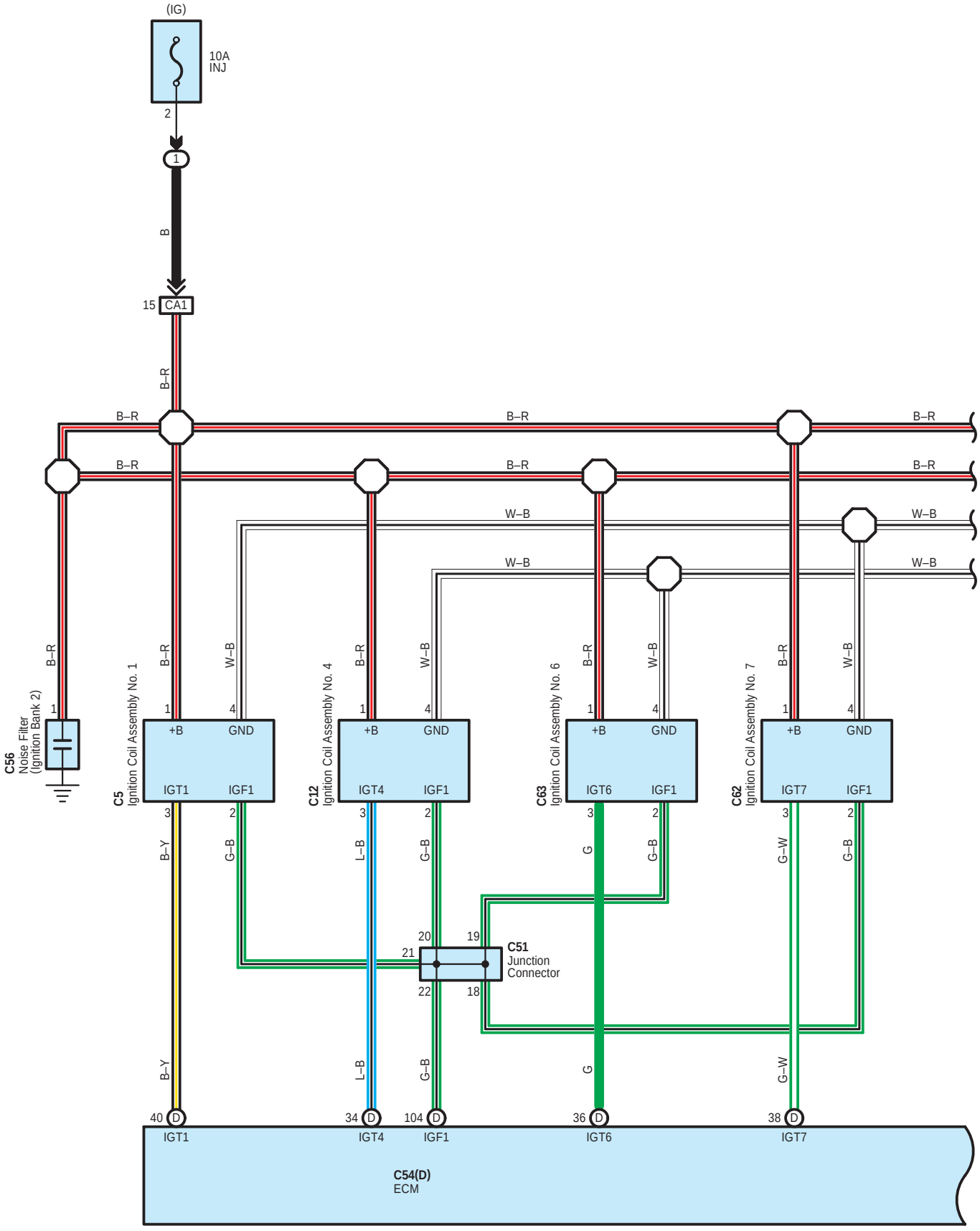


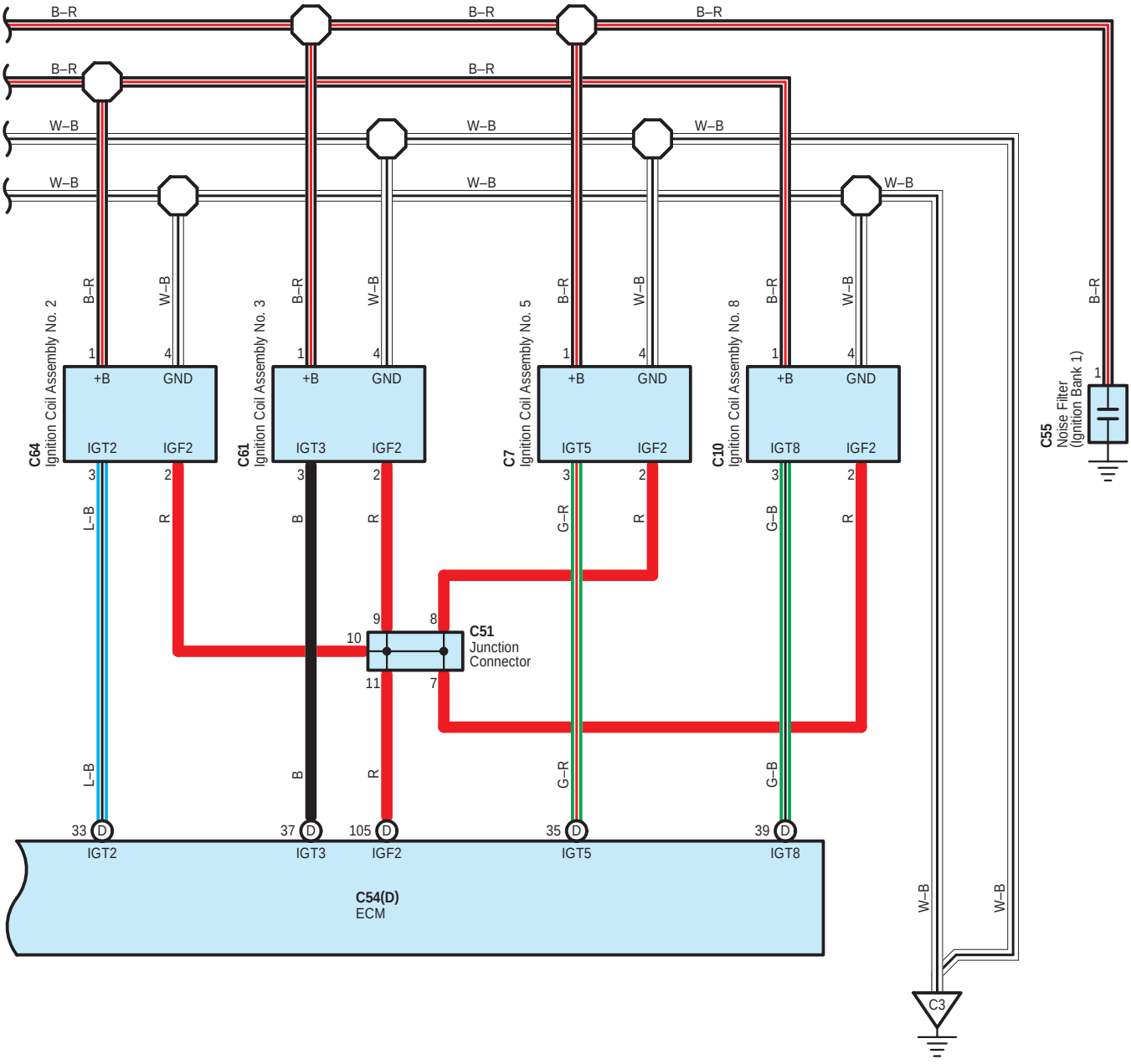

SK1
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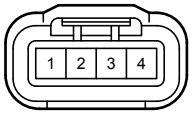

SK2
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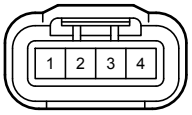

(IG)
10A
INJ
2
1
B
15 CA1
B–R
W–B
C56
Noise Filter
(Ignition Bank 2)
C5
Ignition Coil Assembly No. 1
C12
Ignition Coil Assembly No. 4
C63
Ignition Coil Assembly No. 6
C62
Ignition Coil Assembly No. 7
+B
GND
IGT1
IGF1
IGT4
IGT6
IGT7
B–Y
G–B
L–B
G
G–W
C51
Junction
Connector
40 D
34 D
104 D
36 D
38 D
C54(D)
ECM


B–R
W–B
C64
Ignition Coil Assembly No. 2
C61
Ignition Coil Assembly No. 3
C7
Ignition Coil Assembly No. 5
C10
Ignition Coil Assembly No. 8
+B
GND
IGT2
IGT3
IGT5
IGT8
IGF2
C55
Noise Filter
(Ignition Bank 1)
C51
Junction
Connector
L–B
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C54(D)
ECM
C3

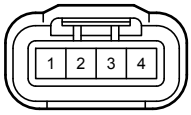
C 5
Black



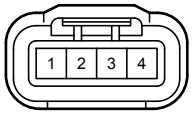

C 7
Black



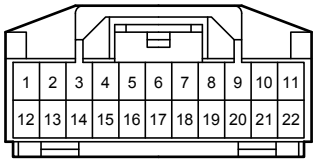

C 10
Black



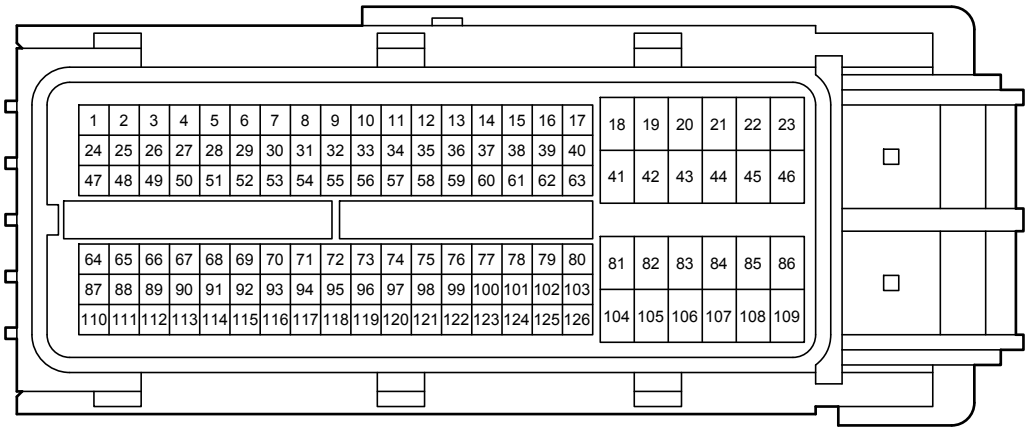

C 12
Black



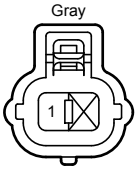

C 51
White



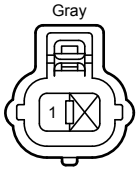

C 54
Black



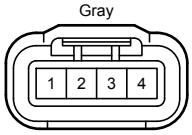

C 55
Gray




C 56
Gray




C 61
Gray



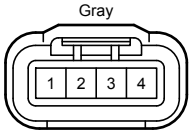

C 62
Gray



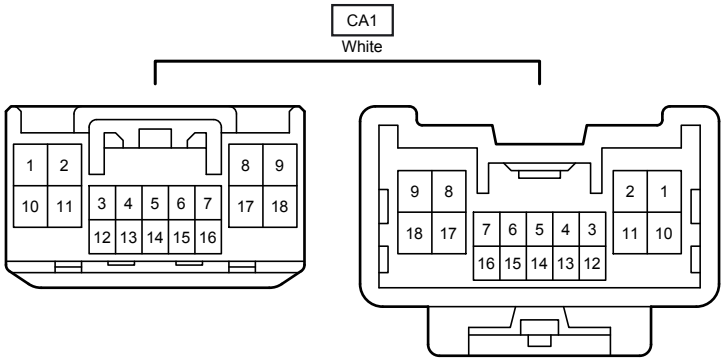

C 63
Gray

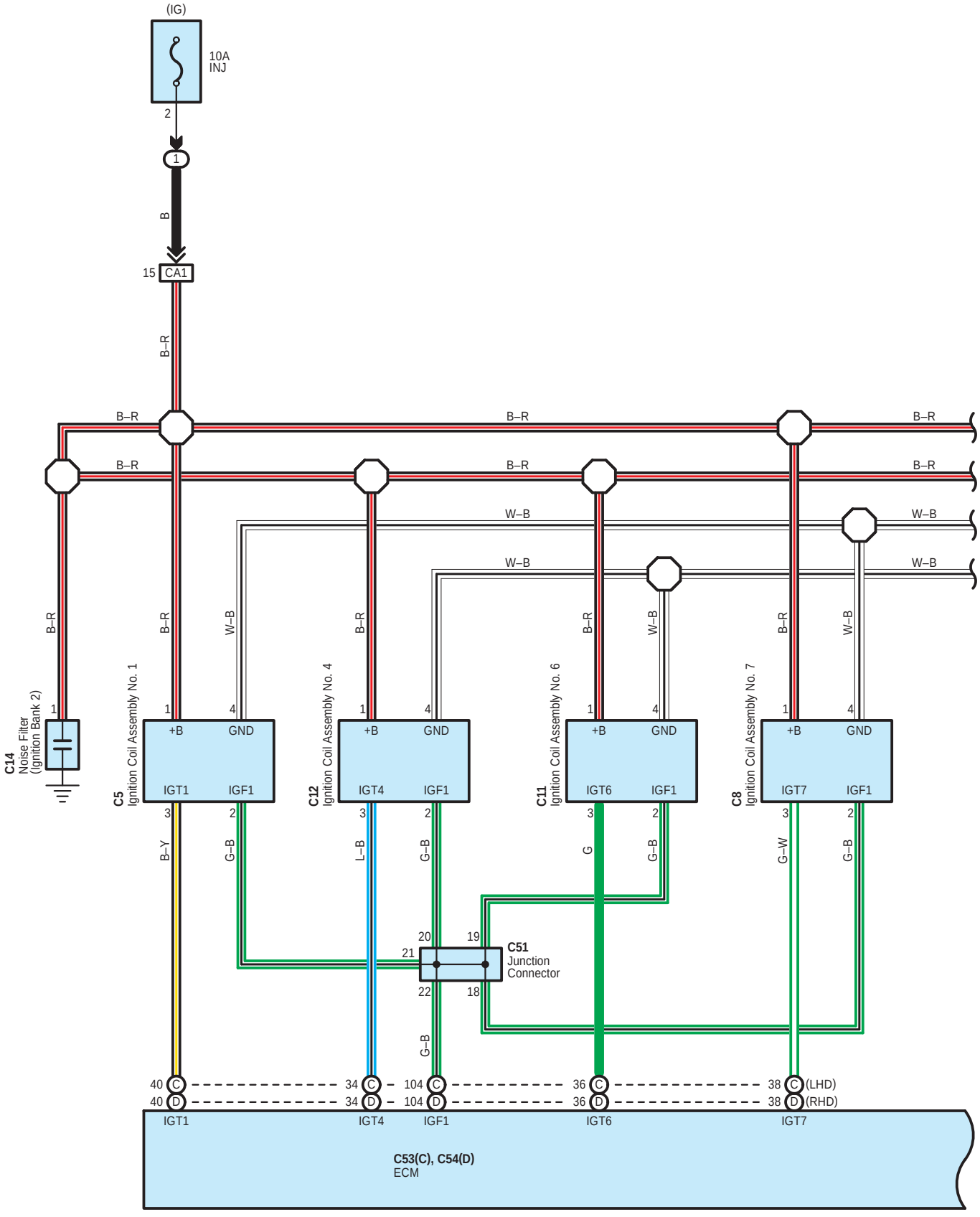


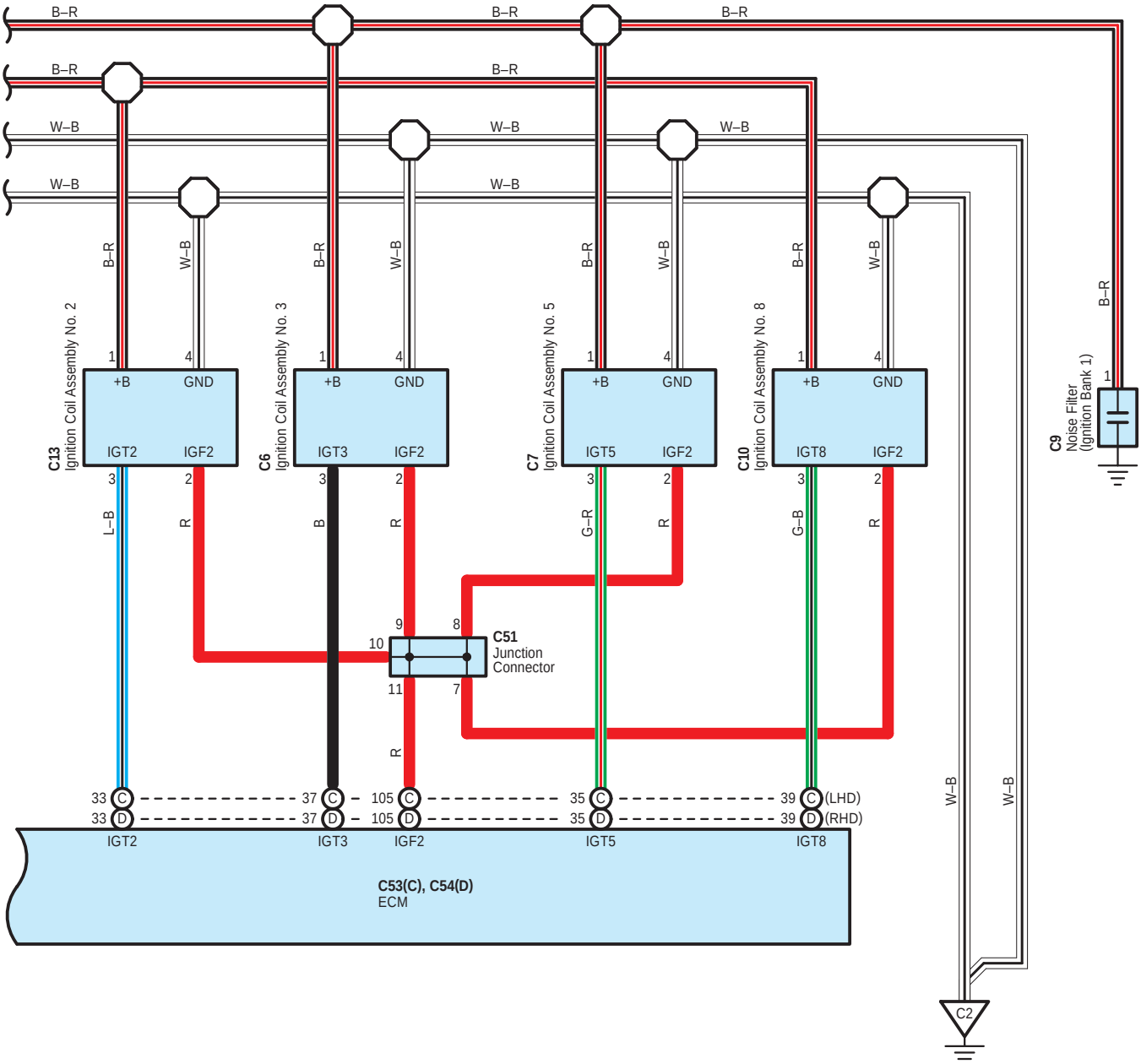

C 64
Gray



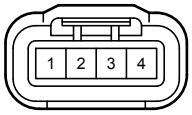

CA1
White



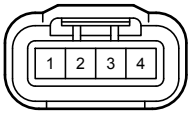

(IG)
10A
INJ
2
1
B
15
CA1
B–R
W–B
C14
Noise Filter
(Ignition Bank 2)
C5
Ignition Coil Assembly No. 1
C12
Ignition Coil Assembly No. 4
C11
Ignition Coil Assembly No. 6
C8
Ignition Coil Assembly No. 7
+B
GND
IGT1
IGT4
IGT6
IGT7
IGF1
B–Y
G–B
L–B
G
G–W
C51
Junction
Connector
40
34
104
36
38
(LHD)
(RHD)
C53(C), C54(D)
ECM


B–R
W–B
C13
Ignition Coil Assembly No. 2
C6
Ignition Coil Assembly No. 3
C7
Ignition Coil Assembly No. 5
C10
Ignition Coil Assembly No. 8
+B
GND
IGT2
IGF2
IGT3
IGT5
IGT8
L–B
B
G–R
G–B
R
C51
Junction Connector
C9
Noise Filter
(Ignition Bank 1)
C2
33
37
105
35
39
(LHD)
(RHD)
C53(C), C54(D)
ECM

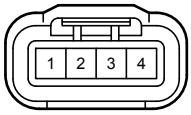
C 5
Black



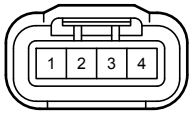

C 6
Black




C 7
Black



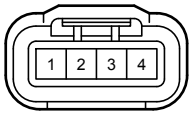

C 8
Black



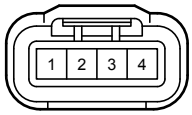

C 9
Gray



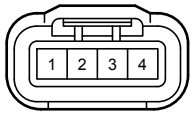

C 10
Black



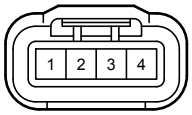

C 11
Black




C 12
Black



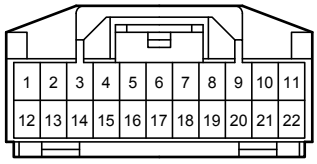

C 13
Black



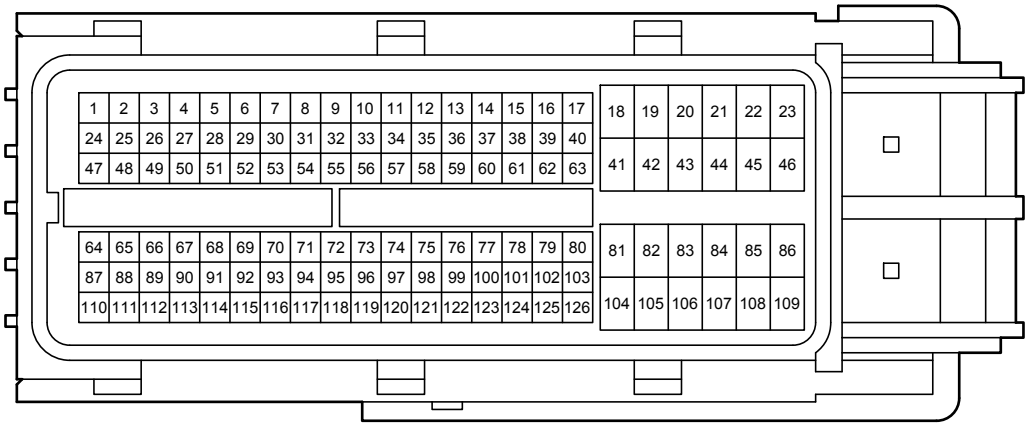

C 14
Gray



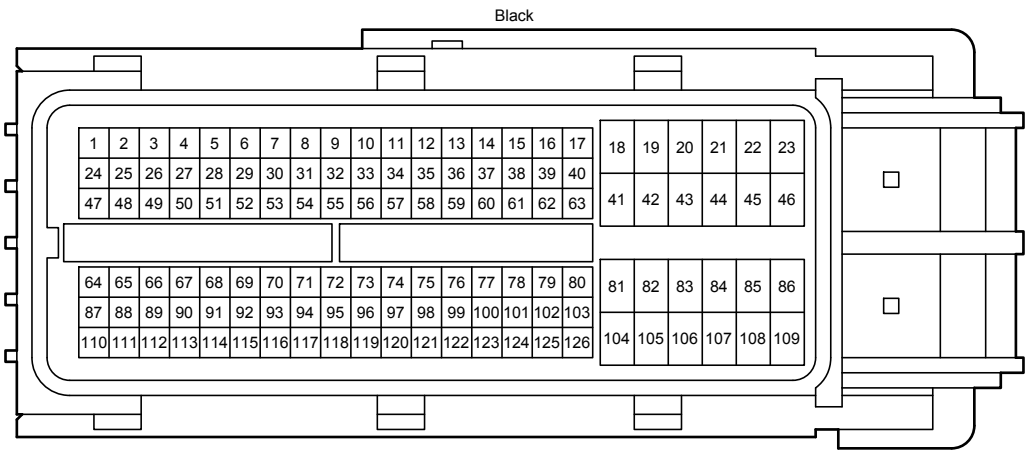

C 51
White

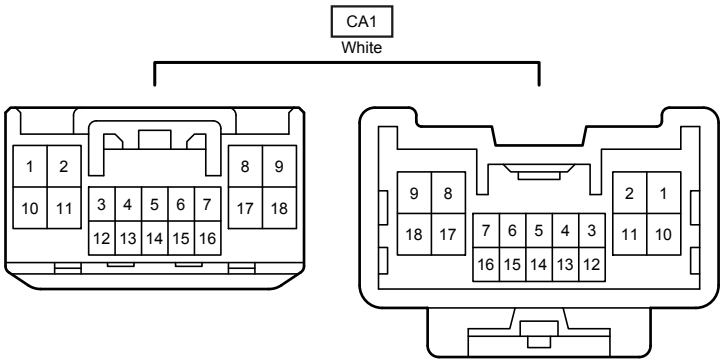


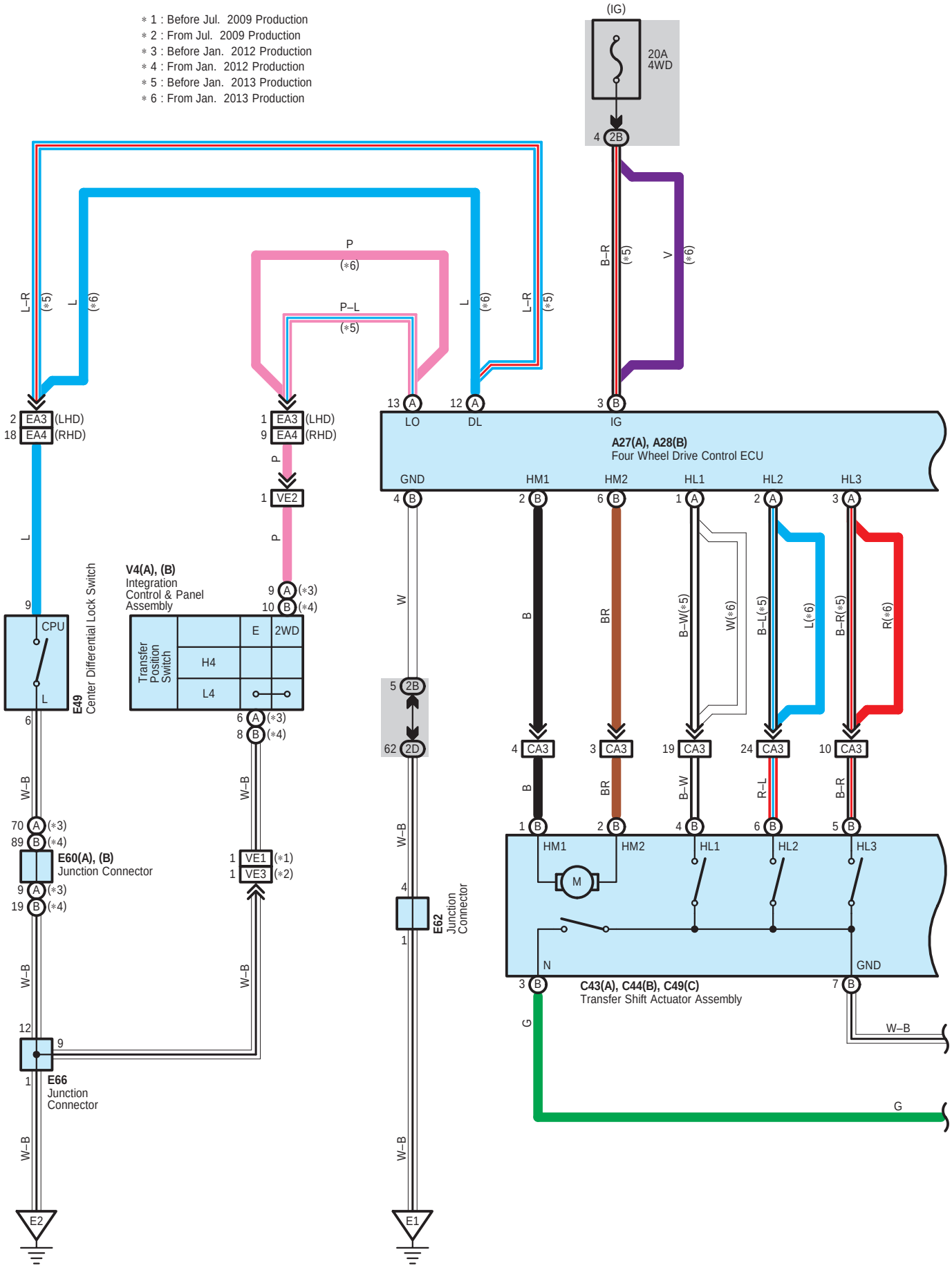

C 53
Black

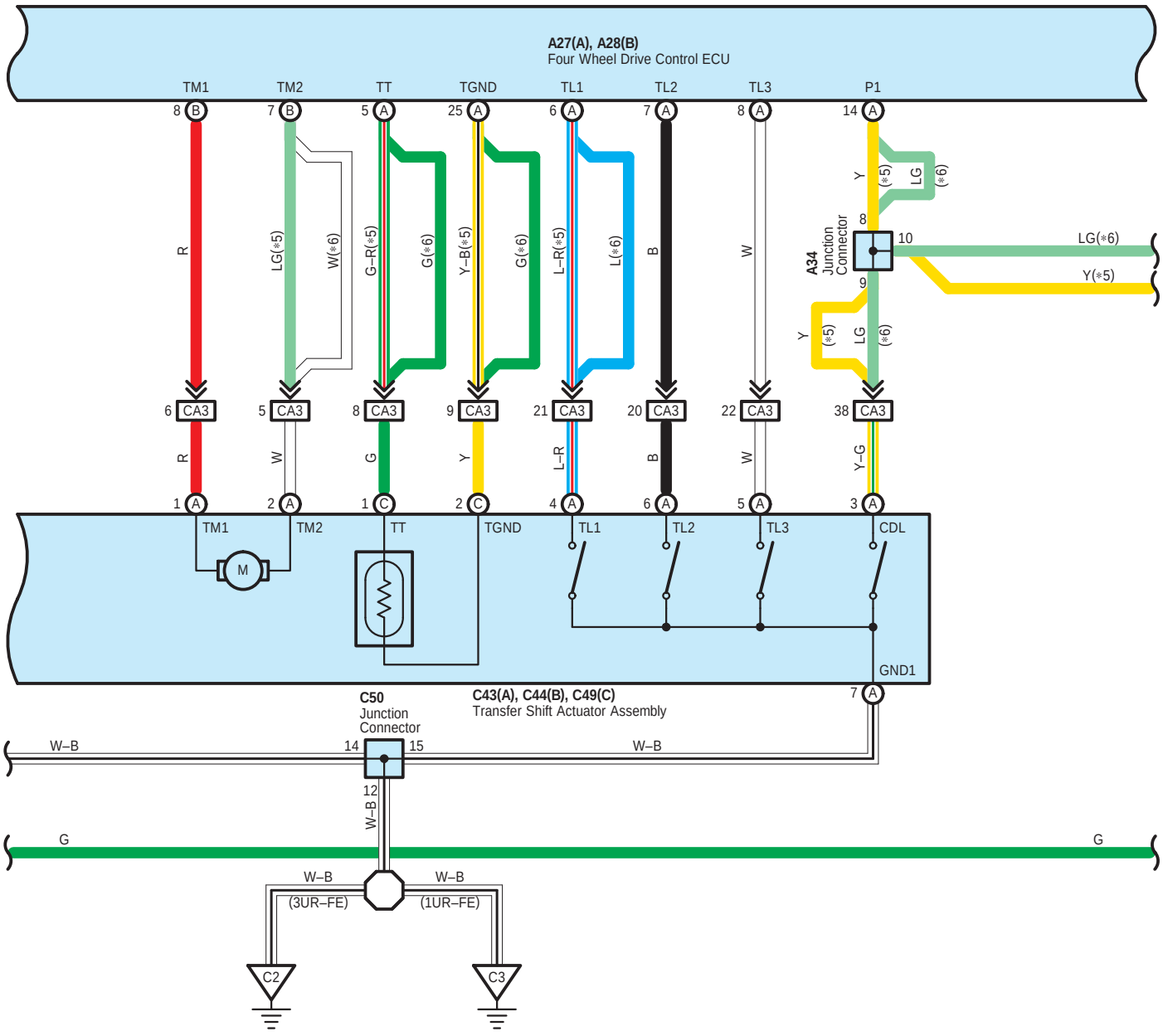


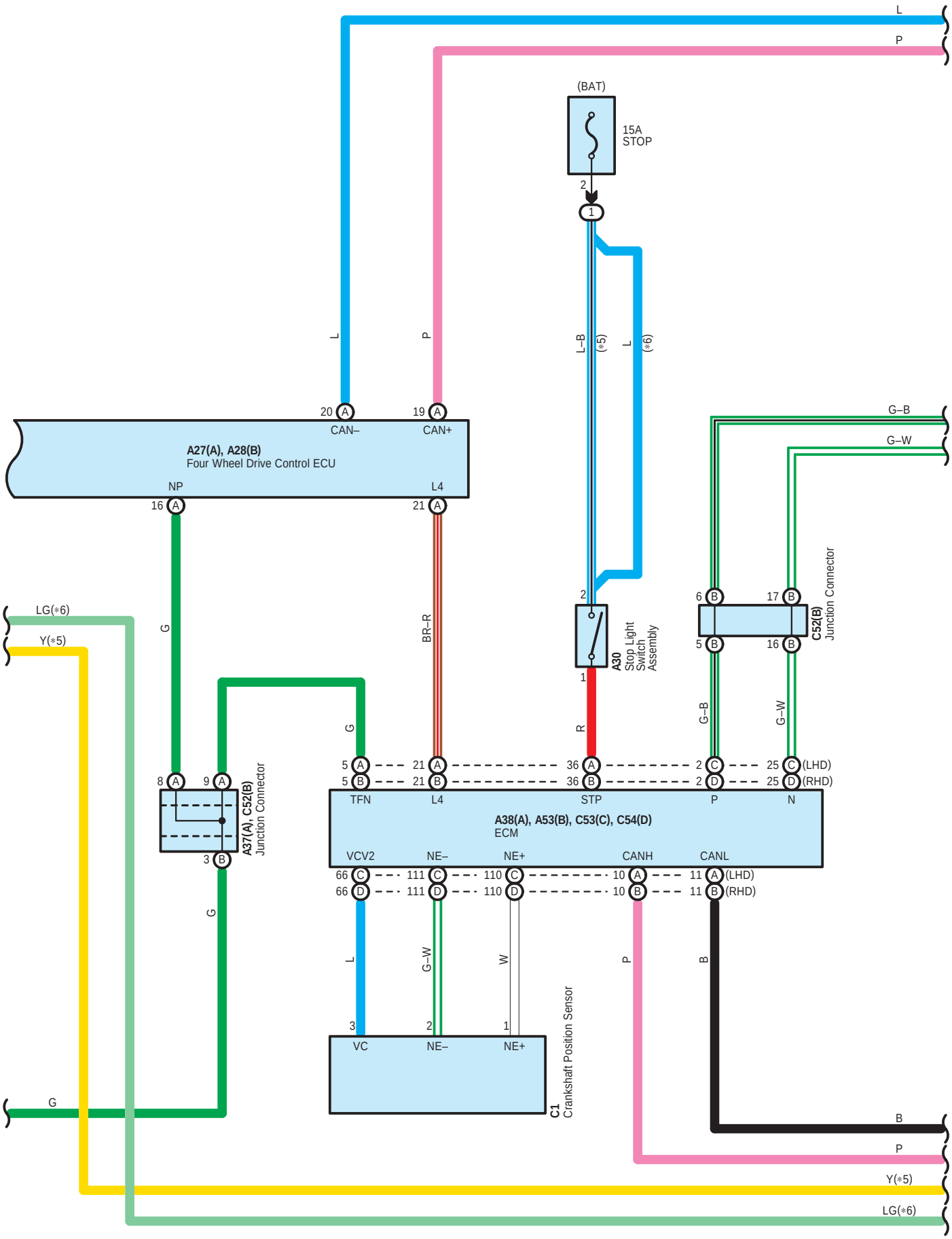

C 54
Black

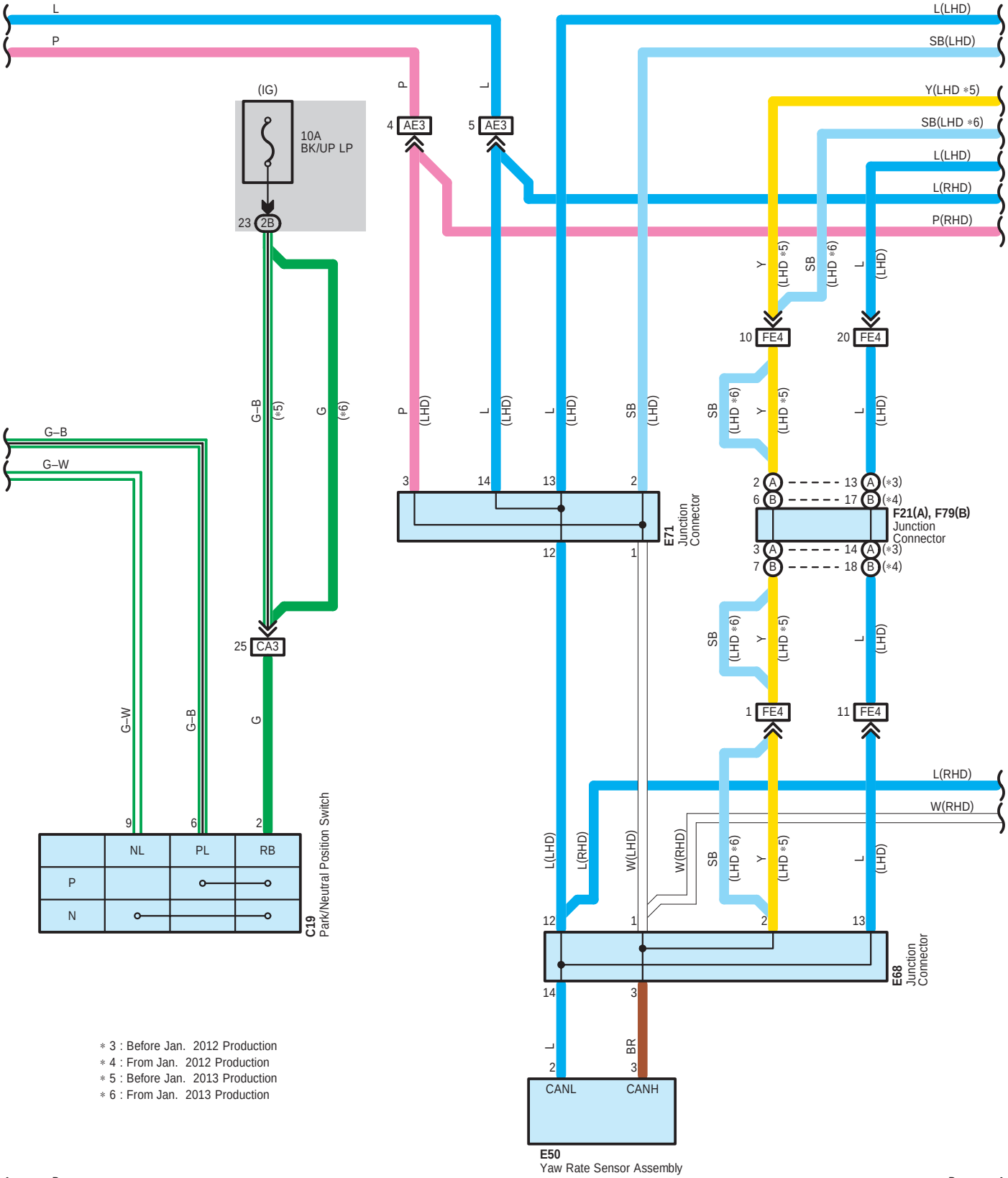


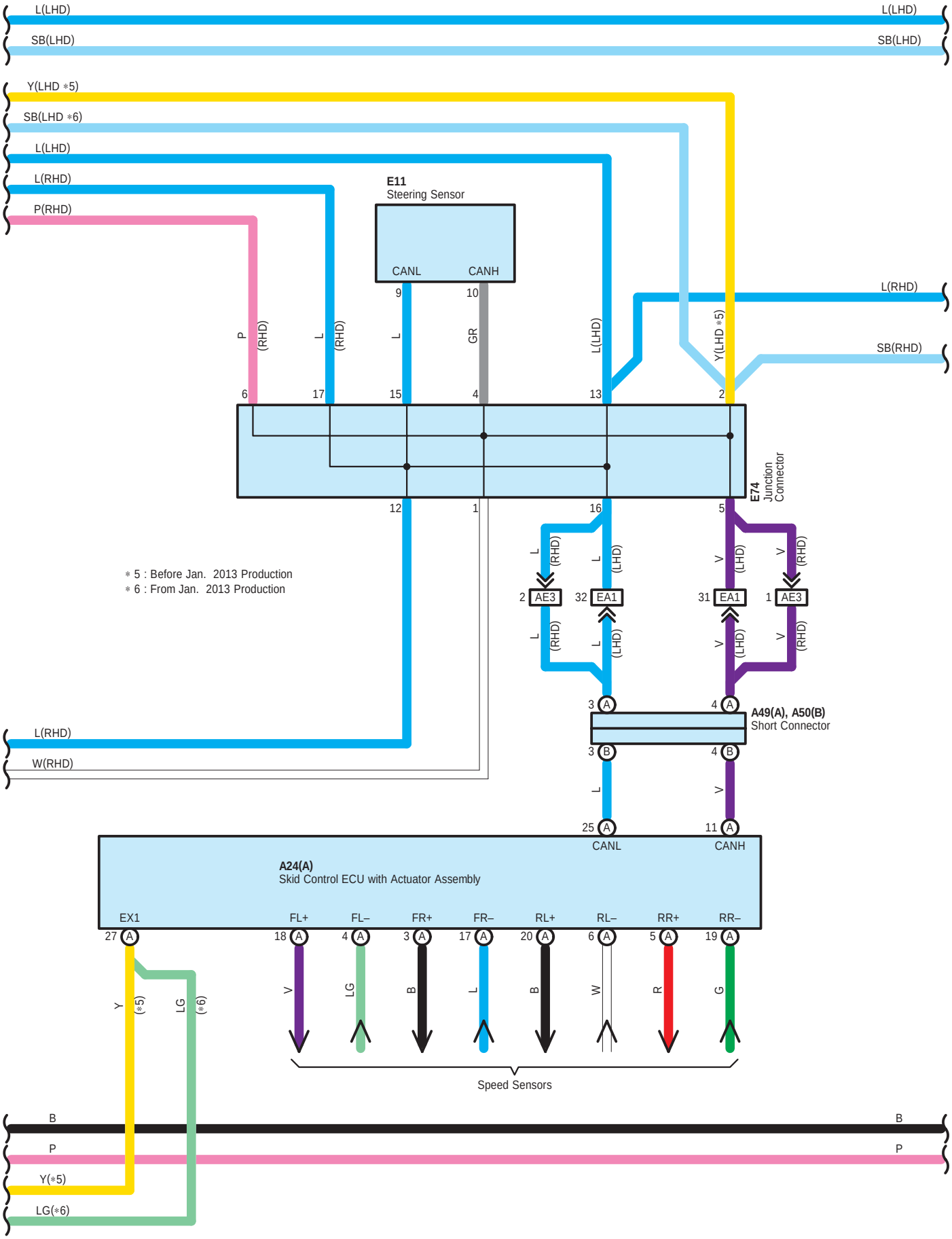

CA1
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10

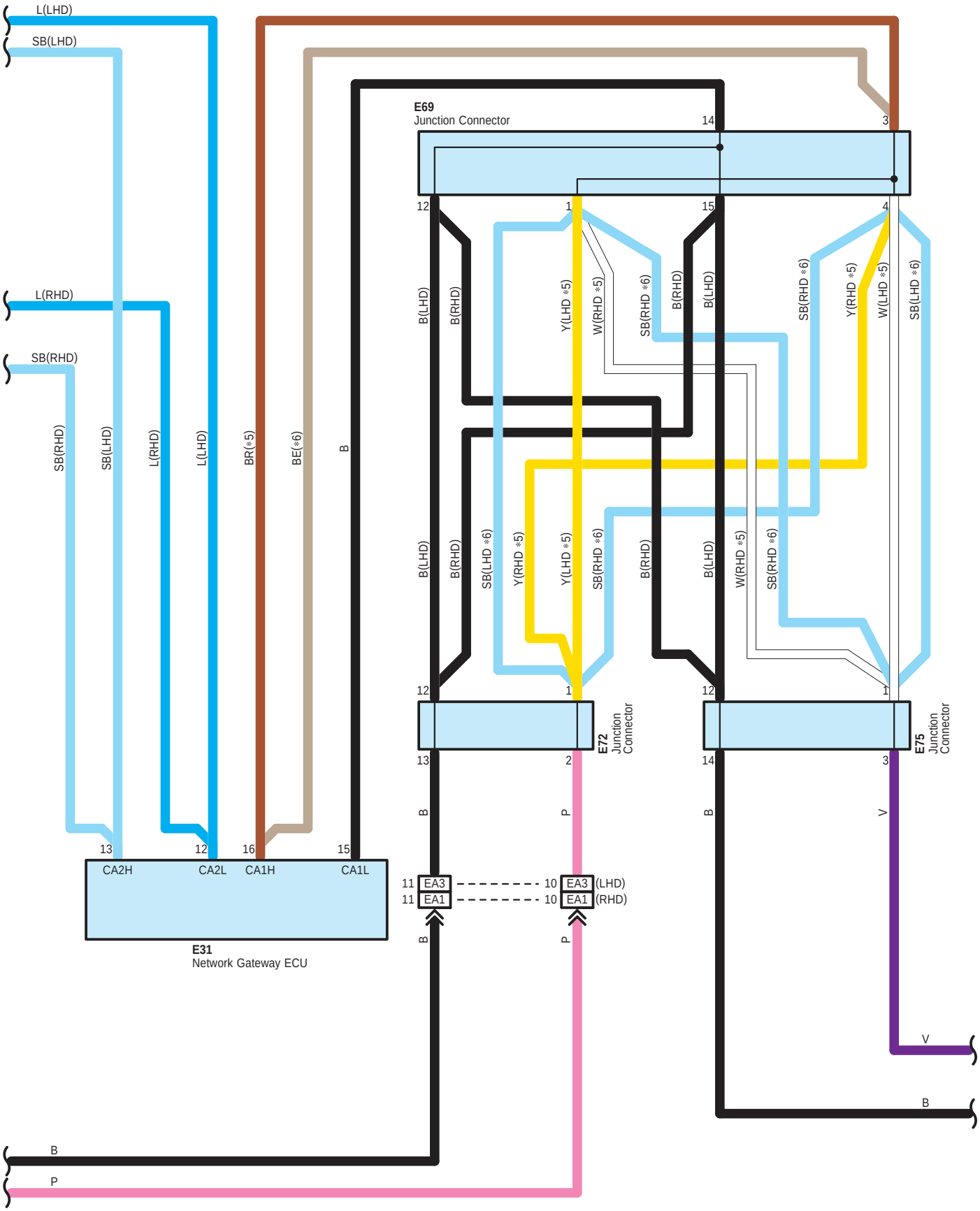

∗ 1 : Before Jul. 2009 Production
∗ 2 : From Jul. 2009 Production
∗ 3 : Before Jan. 2012 Production
∗ 4 : From Jan. 2012 Production
∗ 5 : Before Jan. 2013 Production
∗ 6 : From Jan. 2013 Production
(IG)
20A
4WD
4 2B
B–R (∗5)
V (∗6)
P (∗6)
P–L (∗5)
L–R (∗5)
L (∗6)
L (∗6)
L–R (∗5)
13 A LO
12 A DL
3 B IG
A27(A), A28(B)
Four Wheel Drive Control ECU
GND
HM1
HM2
HL1
HL2
HL3
4 B
2 B
6 B
1 A
2 A
3 A
2 EA3 (LHD)
18 EA4 (RHD)
1 EA3 (LHD)
9 EA4 (RHD)
P
1 VE2
P
L
W
B
BR
B–W(∗5)
W(∗6)
B–L(∗5)
L(∗6)
B–R(∗5)
R(∗6)
V4(A), (B)
Integration
Control & Panel
Assembly
9 A (∗3)
10 B (∗4)
9
CPU
L
E49
Center Differential Lock Switch
Transfer
Position
Switch
E
2WD
H4
L4
6 A (∗3)
8 B (∗4)
5 2B
62 2D
4 CA3
3 CA3
19 CA3
24 CA3
10 CA3
6
W–B
W–B
B
BR
B–W
R–L
B–R
1 B
2 B
4 B
6 B
5 B
70 A (∗3)
89 B (∗4)
E60(A), (B)
Junction Connector
9 A (∗3)
19 B (∗4)
1 VE1 (∗1)
1 VE3 (∗2)
HM1
HM2
HL1
HL2
HL3
M
N
GND
3 B
7 B
C43(A), C44(B), C49(C)
Transfer Shift Actuator Assembly
G
W–B
G
W–B
W–B
W–B
12
9
1
E66
Junction
Connector
4
1
E62
Junction
Connector
E2
E1

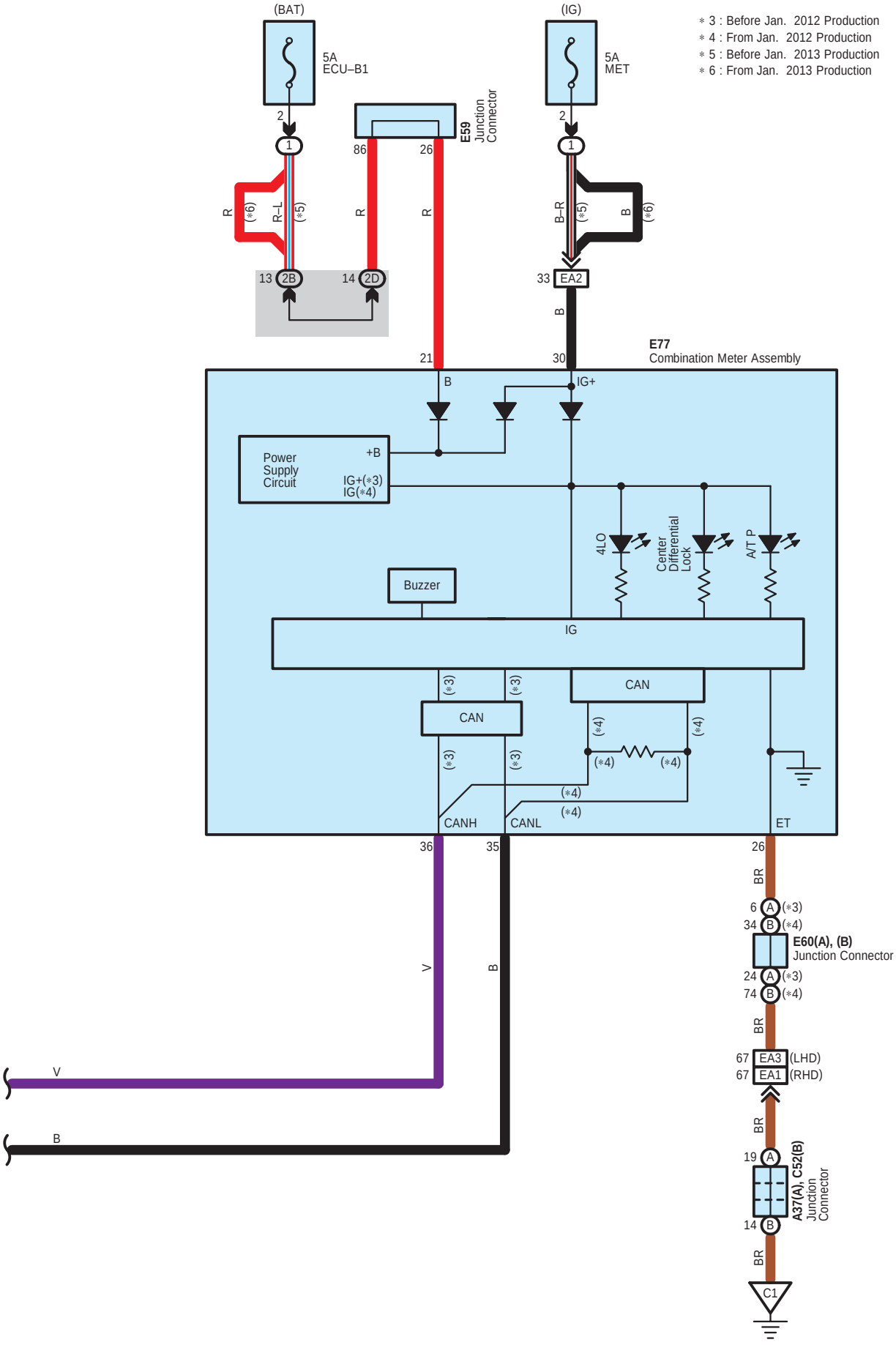

A27(A), A28(B)
Four Wheel Drive Control ECU
TM1
TM2
TT
TGND
TL1
TL2
TL3
P1
8 B
7 B
5 A
25 A
6 A
7 A
8 A
14 A
R
LG(*5)
W(*6)
G–R(*5)
G(*6)
Y–B(*5)
G(*6)
L–R(*5)
L(*6)
B
W
Y (*5)
LG (*6)
A34
Junction
Connector
8
10
9
LG(*6)
Y(*5)
6 CA3
5 CA3
8 CA3
9 CA3
21 CA3
20 CA3
22 CA3
38 CA3
R
W
G
Y
L–R
B
W
Y–G
1 A
2 A
1 C
2 C
4 A
6 A
5 A
3 A
TM1
TM2
TT
TGND
TL1
TL2
TL3
CDL
M
GND1
7 A
C50
Junction
Connector
C43(A), C44(B), C49(C)
Transfer Shift Actuator Assembly
W–B
14
15
W–B
12
W–B
G
G
W–B
W–B
(3UR–FE)
(1UR–FE)
C2
C3


L
P
(BAT)
15A
STOP
2
1
L
P
L–B
(*5)
L
(*6)
20 A
CAN–
19 A
CAN+
A27(A), A28(B)
Four Wheel Drive Control ECU
NP
16 A
L4
21 A
G–B
G–W
2
1
A30
Stop Light
Switch
Assembly
6 B
17 B
5 B
16 B
C52(B)
Junction Connector
LG(*6)
Y(*5)
G
BR–R
G
R
G–B
G–W
8 A
9 A
3 B
A37(A), C52(B)
Junction Connector
5 A
5 B
21 A
21 B
36 A
36 B
2 C
2 D
25 C
25 D
(LHD)
(RHD)
TFN
L4
STP
P
N
A38(A), A53(B), C53(C), C54(D)
ECM
VCV2
NE–
NE+
CANH
CANL
66 C
66 D
111 C
111 D
110 C
110 D
10 A
10 B
11 A
11 B
(LHD)
(RHD)
G
L
G–W
W
P
B
3
2
1
VC
NE–
NE+
C1
Crankshaft Position Sensor
G
B
P
Y(*5)
LG(*6)

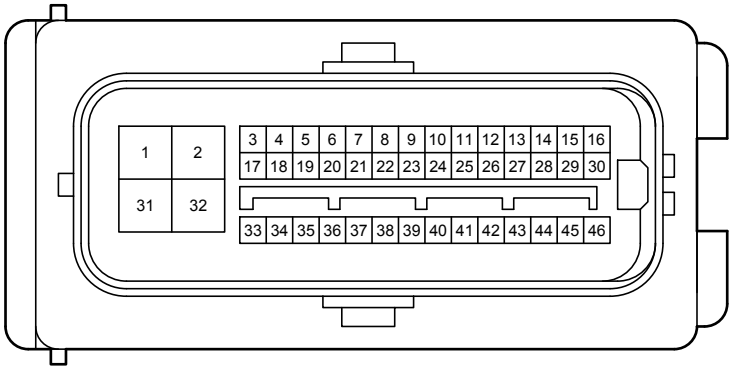

L
P
(IG)
10A
BK/UP LP
23 2B
25 CA3
4 AE3
5 AE3
G–B
G–W
G–B
G
(*5)
G
(*6)
G–W
G–B
G
9
6
2
NL
PL
RB
P
N
C19
Park/Neutral Position Switch
P (LHD)
L (LHD)
L (LHD)
SB (LHD)
3
14
13
2
12
1
E71
Junction Connector
L(LHD)
SB(LHD)
Y(LHD *5)
SB(LHD *6)
L(LHD)
L(RHD)
P(RHD)
Y (LHD *5)
SB (LHD *6)
L (LHD)
10 FE4
20 FE4
SB (LHD *6)
Y (LHD *5)
L (LHD)
2 A 13 A (*3)
6 B 17 B (*4)
F21(A), F79(B)
Junction Connector
3 A 14 A (*3)
7 B 18 B (*4)
SB (LHD *6)
Y (LHD *5)
L (LHD)
1 FE4
11 FE4
L(RHD)
W(RHD)
L(LHD)
L(RHD)
W(LHD)
W(RHD)
SB (LHD *6)
Y (LHD *5)
L (LHD)
12
1
2
13
E68
Junction Connector
14
3
L
2
BR
3
CANL
CANH
E50
Yaw Rate Sensor Assembly
* 3 : Before Jan. 2012 Production
* 4 : From Jan. 2012 Production
* 5 : Before Jan. 2013 Production
* 6 : From Jan. 2013 Production
B
P
Y(*5)
LG(*6)
B
P
Y(*5)
LG(*6)


L(LHD)
SB(LHD)
Y(LHD ∗5)
SB(LHD ∗6)
L(LHD)
L(RHD)
P(RHD)
E11
Steering Sensor
CANL
CANH
9
10
P (RHD)
L (RHD)
L
GR
L(LHD)
Y(LHD ∗5)
L(RHD)
SB(RHD)
6
17
15
4
13
2
E74
Junction Connector
12
1
16
5
∗ 5 : Before Jan. 2013 Production
∗ 6 : From Jan. 2013 Production
L (RHD)
L (LHD)
V (LHD)
V (RHD)
2 AE3
32 EA1
31 EA1
1 AE3
3 A
4 A
A49(A), A50(B)
Short Connector
3 B
4 B
L(RHD)
W(RHD)
25 A
11 A
CANL
CANH
A24(A)
Skid Control ECU with Actuator Assembly
EX1
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
Y (∗5)
LG (∗6)
V
LG
B
L
B
W
R
G
Speed Sensors
B
P
Y(∗5)
LG(∗6)

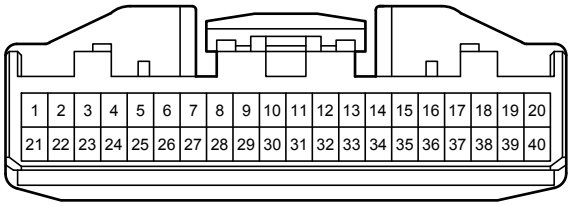

L(LHD)
SB(LHD)
L(RHD)
SB(RHD)
SB(RHD)
SB(LHD)
L(RHD)
L(LHD)
BR(*5)
BE(*6)
B
13
12
16
15
CA2H
CA2L
CA1H
CA1L
E31
Network Gateway ECU
E69
Junction Connector
14
3
12
1
15
4
B(LHD)
B(RHD)
Y(LHD *5)
W(RHD *5)
SB(RHD *6)
B(RHD)
B(LHD)
SB(RHD *6)
Y(RHD *5)
W(LHD *5)
SB(LHD *6)
B(LHD)
B(RHD)
SB(LHD *6)
Y(RHD *5)
Y(LHD *5)
SB(RHD *6)
B(RHD)
B(LHD)
W(RHD *5)
SB(RHD *6)
12
1
12
1
E72
Junction
Connector
E75
Junction
Connector
13
2
14
3
B
P
B
V
11
EA3
10
EA3
(LHD)
11
EA1
10
EA1
(RHD)
B
P
V
B
B
P


(BAT)
5A
ECU–B1
(IG)
5A
MET
∗ 3 : Before Jan. 2012 Production
∗ 4 : From Jan. 2012 Production
∗ 5 : Before Jan. 2013 Production
∗ 6 : From Jan. 2013 Production
E59
Junction
Connector
E77
Combination Meter Assembly
Power
Supply
Circuit
+B
IG+(∗3)
IG(∗4)
IG+
Buzzer
4LO
Center
Differential
Lock
A/T P
IG
CAN
CANH
CANL
ET
E60(A), (B)
Junction Connector
A37(A), C52(B)
Junction
Connector
EA2
EA3
EA1
(LHD)
(RHD)
C1
R
R–L
B–R
B
BR
V

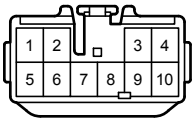
A 24
Black



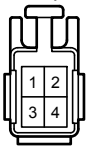

A 27
Black



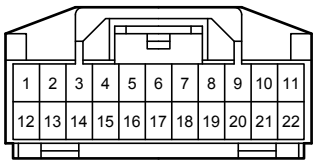

A 28
Black



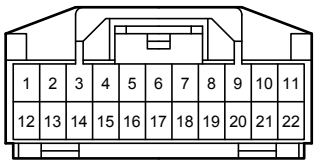

A 30
Gray



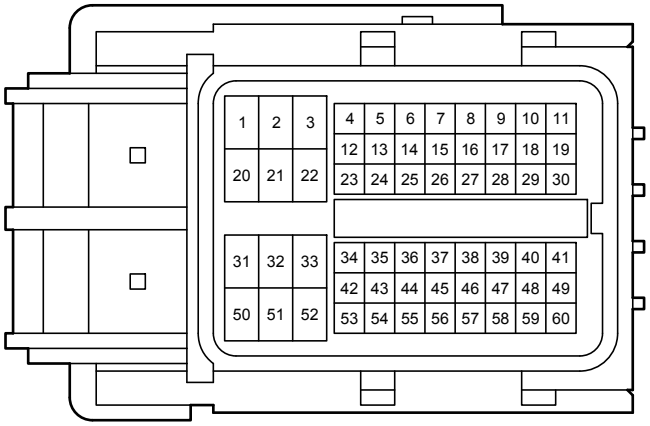

A 34
White




A 37
Blue




A 38
Black



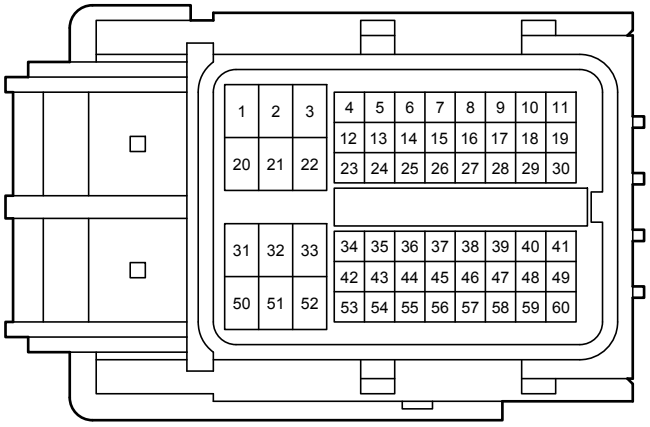

A 49
Gray



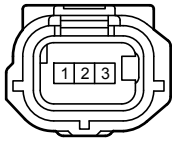

A 50
Gray



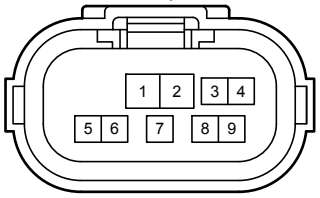
A 53
Black



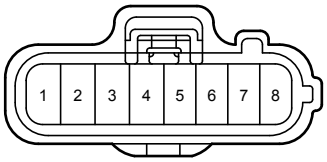

C 1
Black



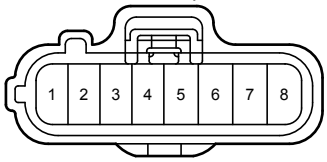

C 19
Gray



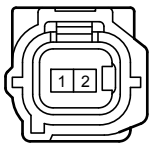

C 43
Black



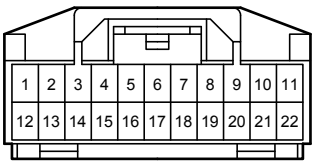

C 44
Dark Gray



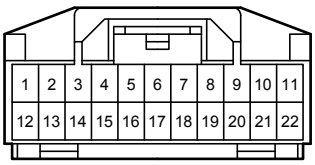

C 49
Black



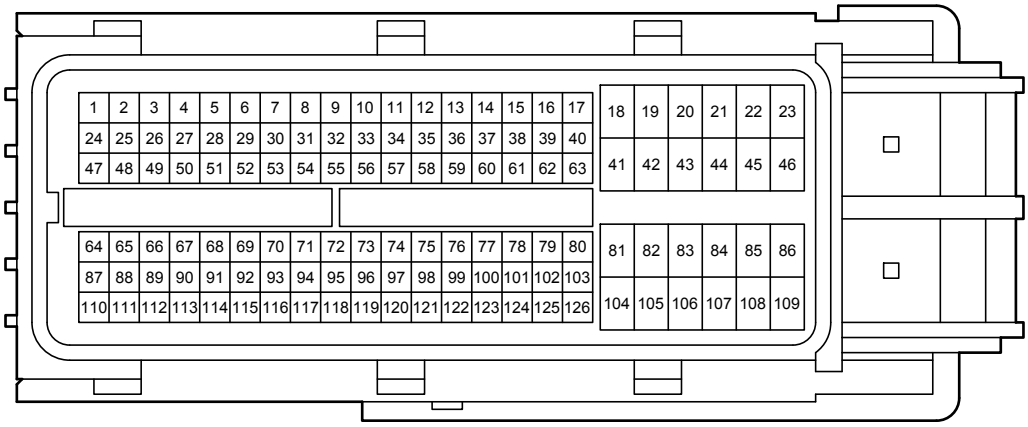

C 50
White



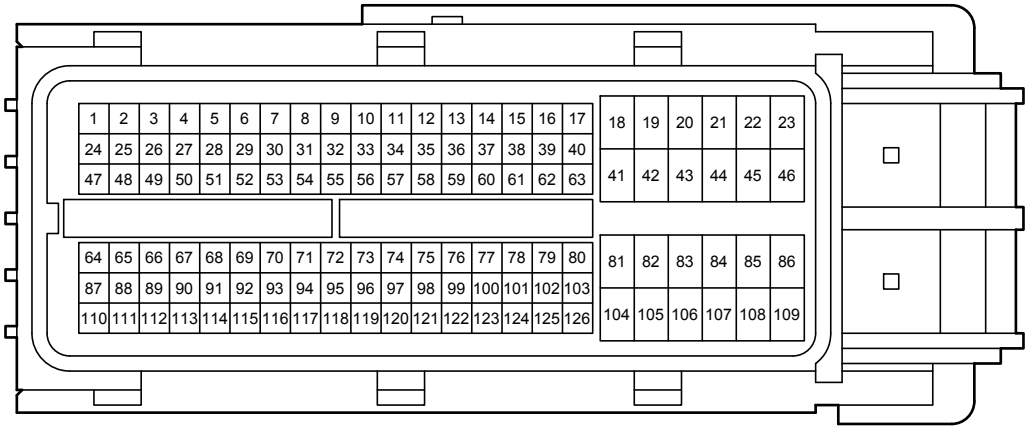

C 52
Blue



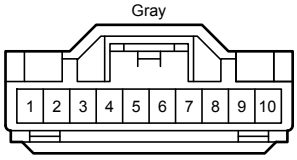

C 53
Black



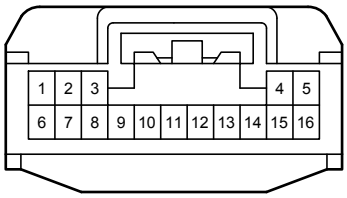
C 54
Black



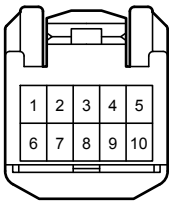

E 11
Gray



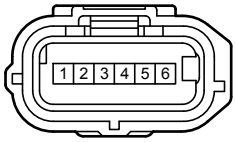

E 31
White



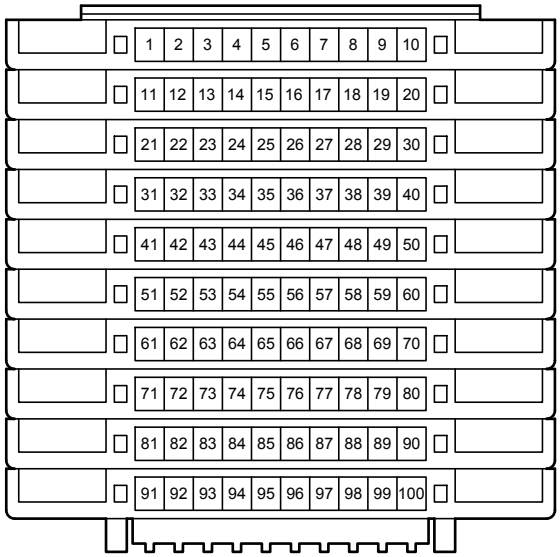

E 49
White



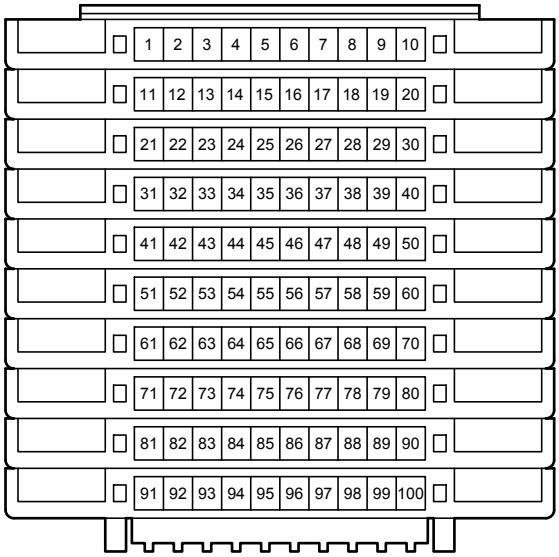

E 50
Black



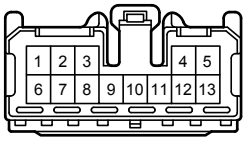

E 59
White



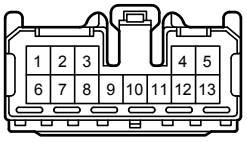
E 60
White



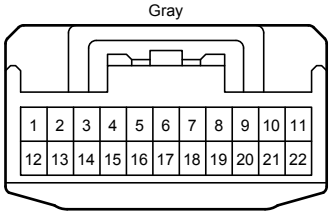

E 62
White



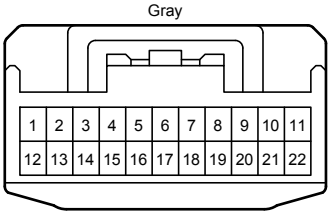

E 66
White



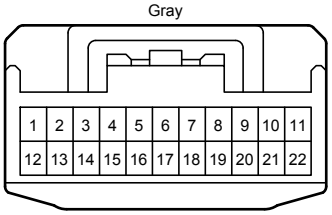

E 68
Gray



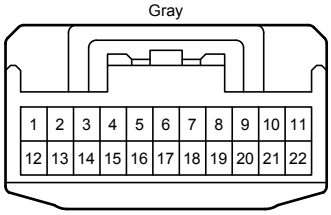

E 69
Gray



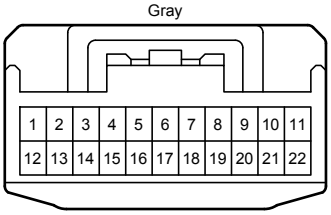

E 71
Gray



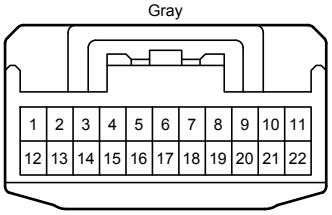

E 72
Gray



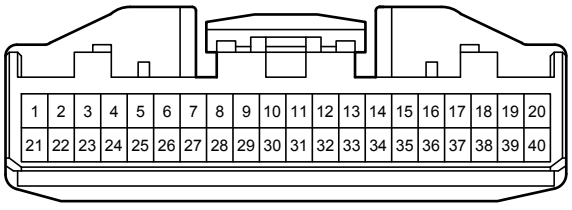

E 74
Gray



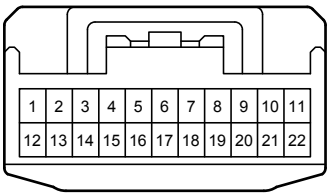

E 75
Gray



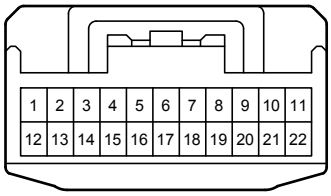

E 77
White



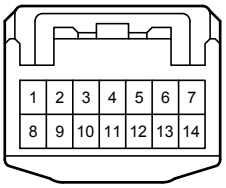

F 21
Black



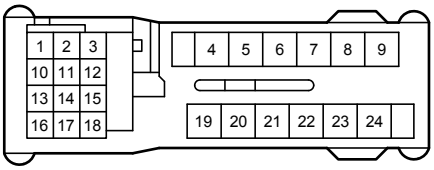

F 79
White



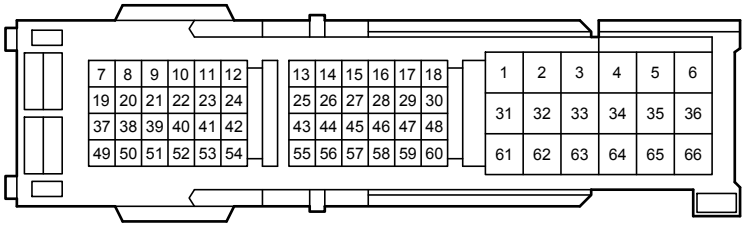

V 4
White



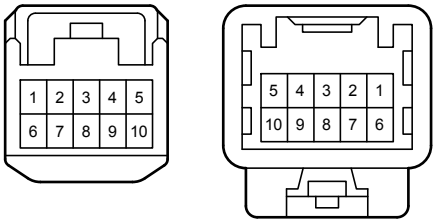

2B
White



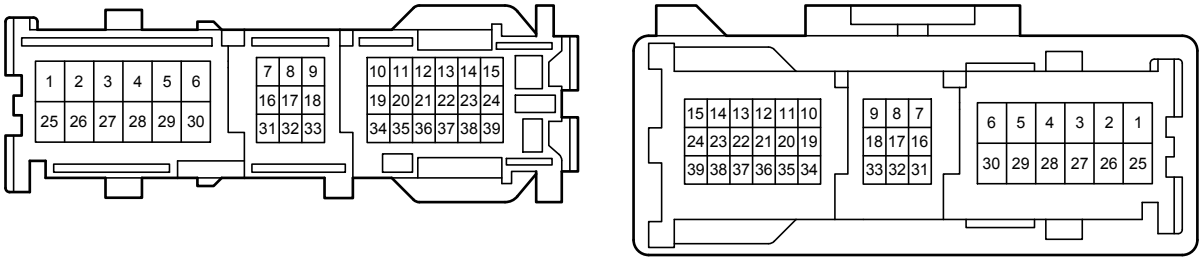
2D
White



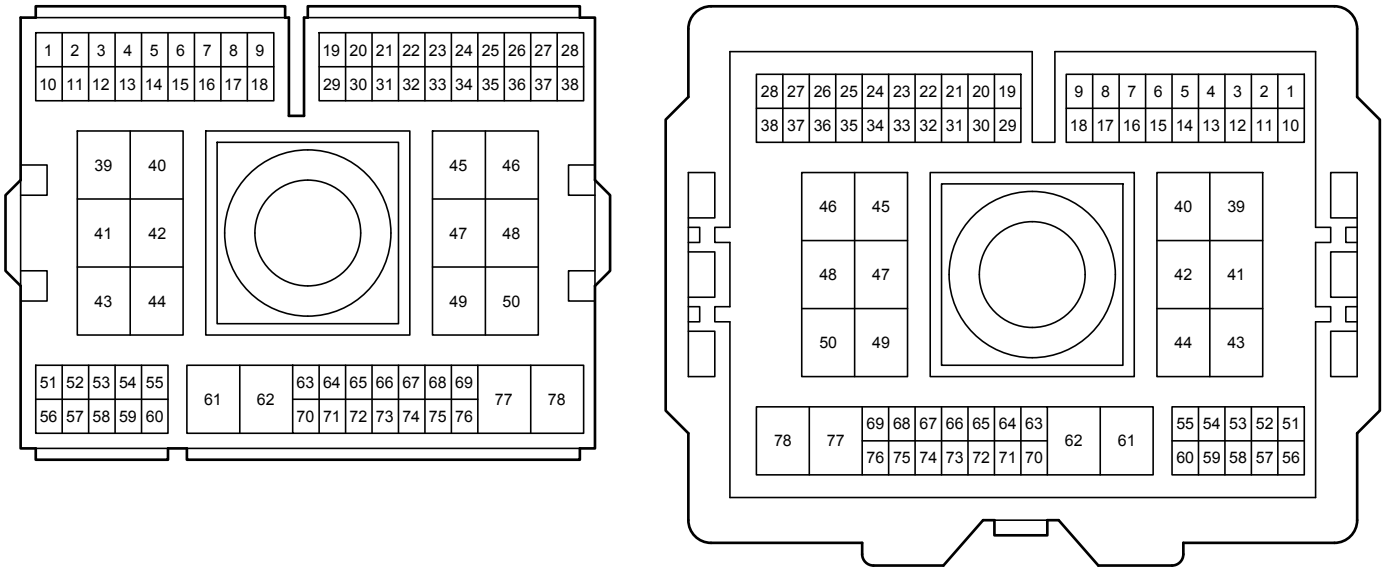

AE3
Gray




CA3
White

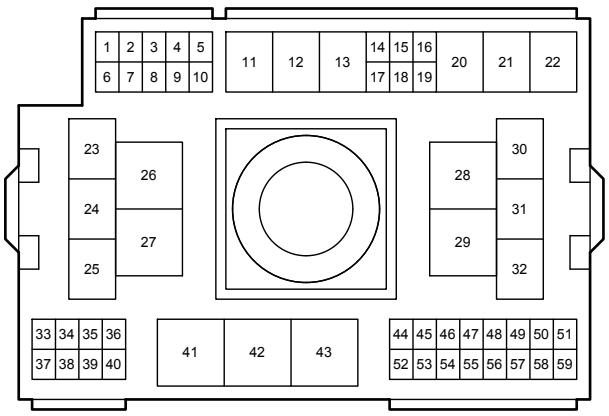



EA1
White

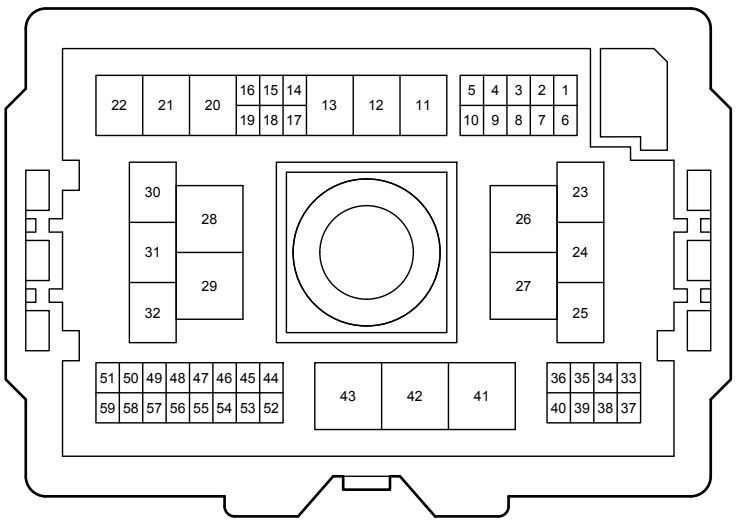


EA2

White

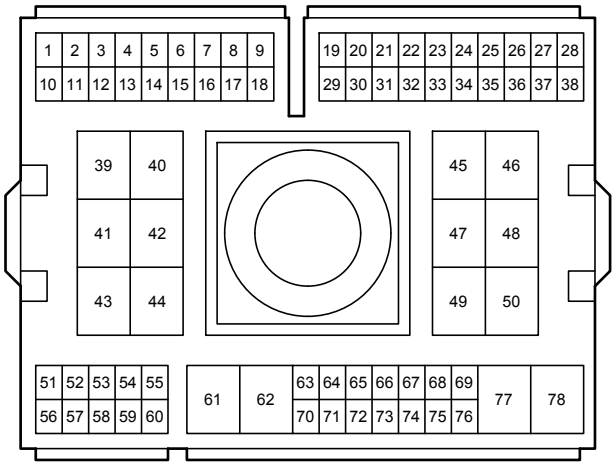


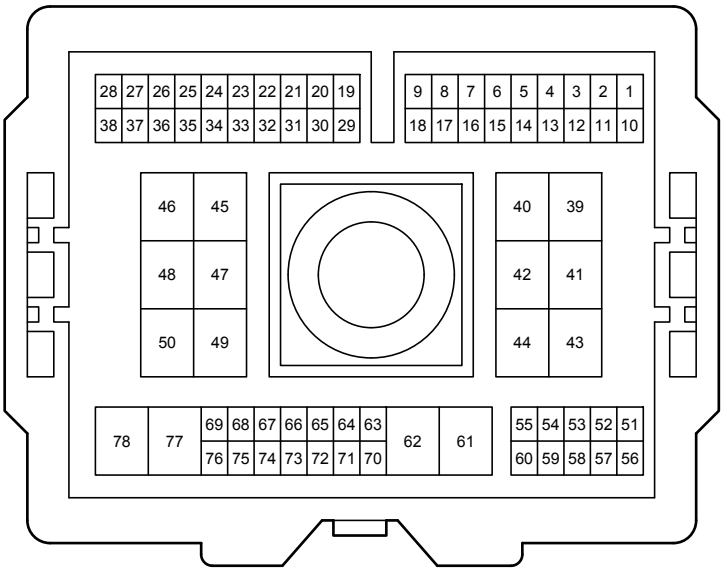

Gray




EA3

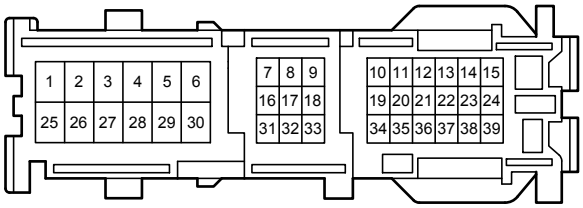
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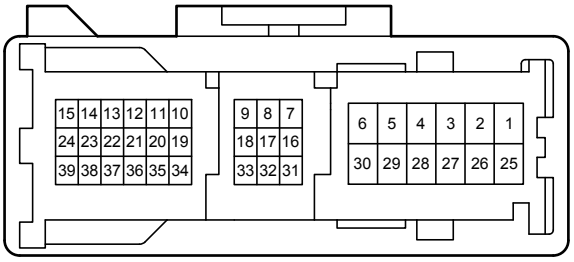


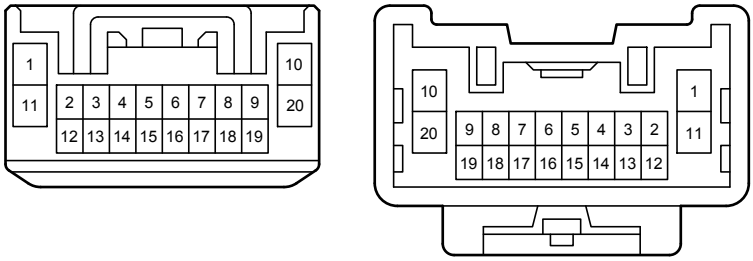

EA4

White

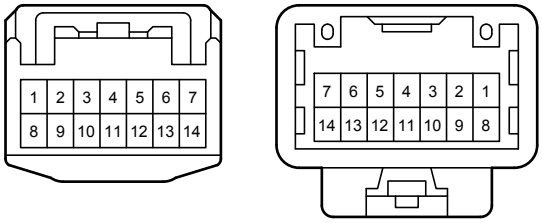


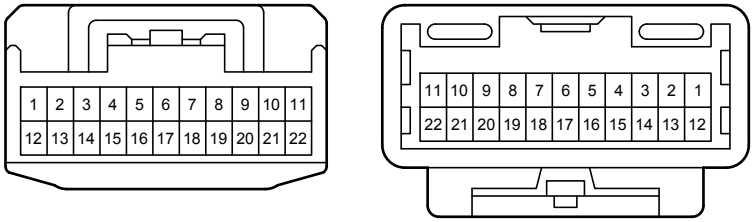
FE4
White



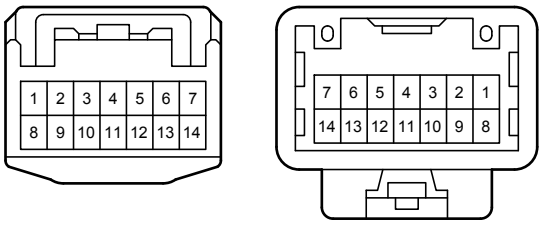

VE1
White



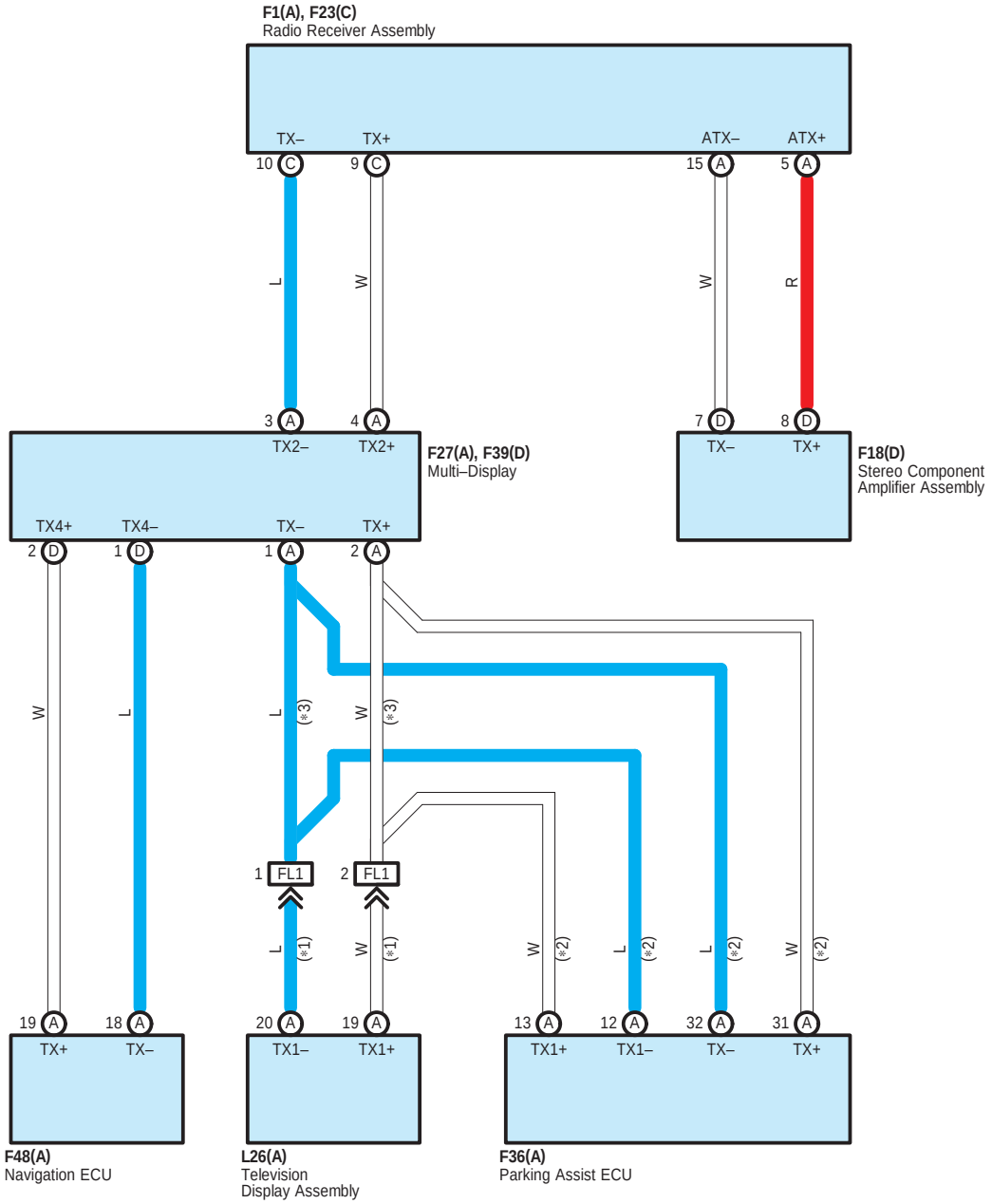

VE2
White



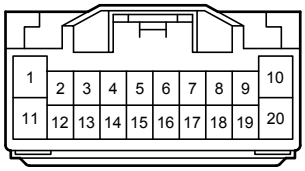

VE3
Gray



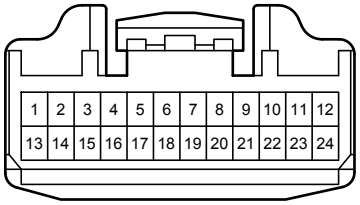
∗ 1 : w/ Rear Seat Entertainment System
∗ 2 : w/ Parking Assist ECU
∗ 3 : w/o Parking Assist ECU



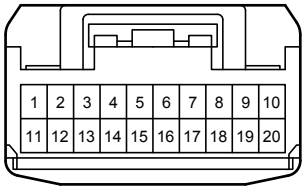
F 1
White



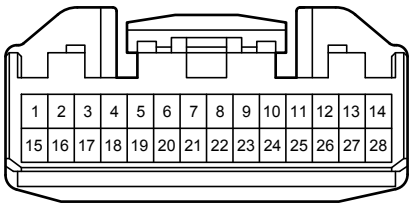

F 18
White



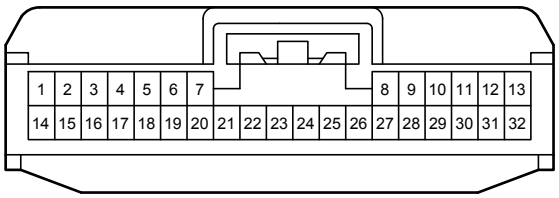

F 23
White



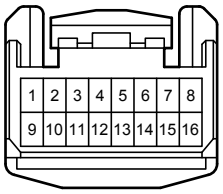

F 27
White



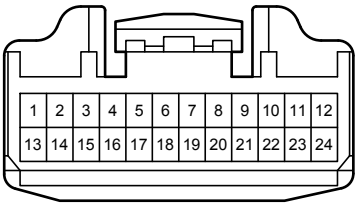

F 36
White



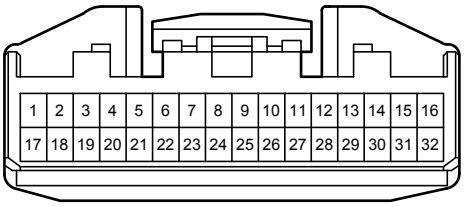

F 39
White




F 48
White

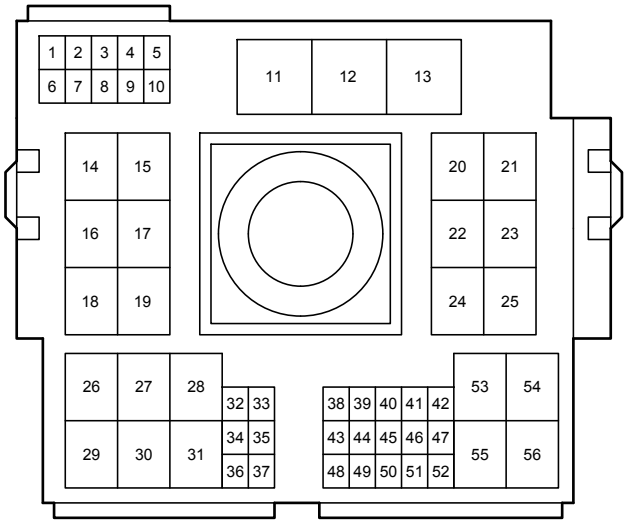



L 26
White

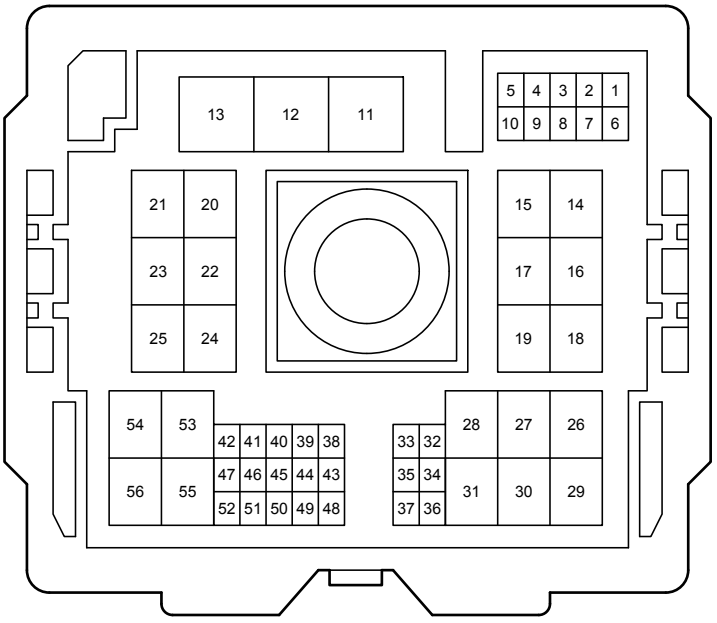



FL1

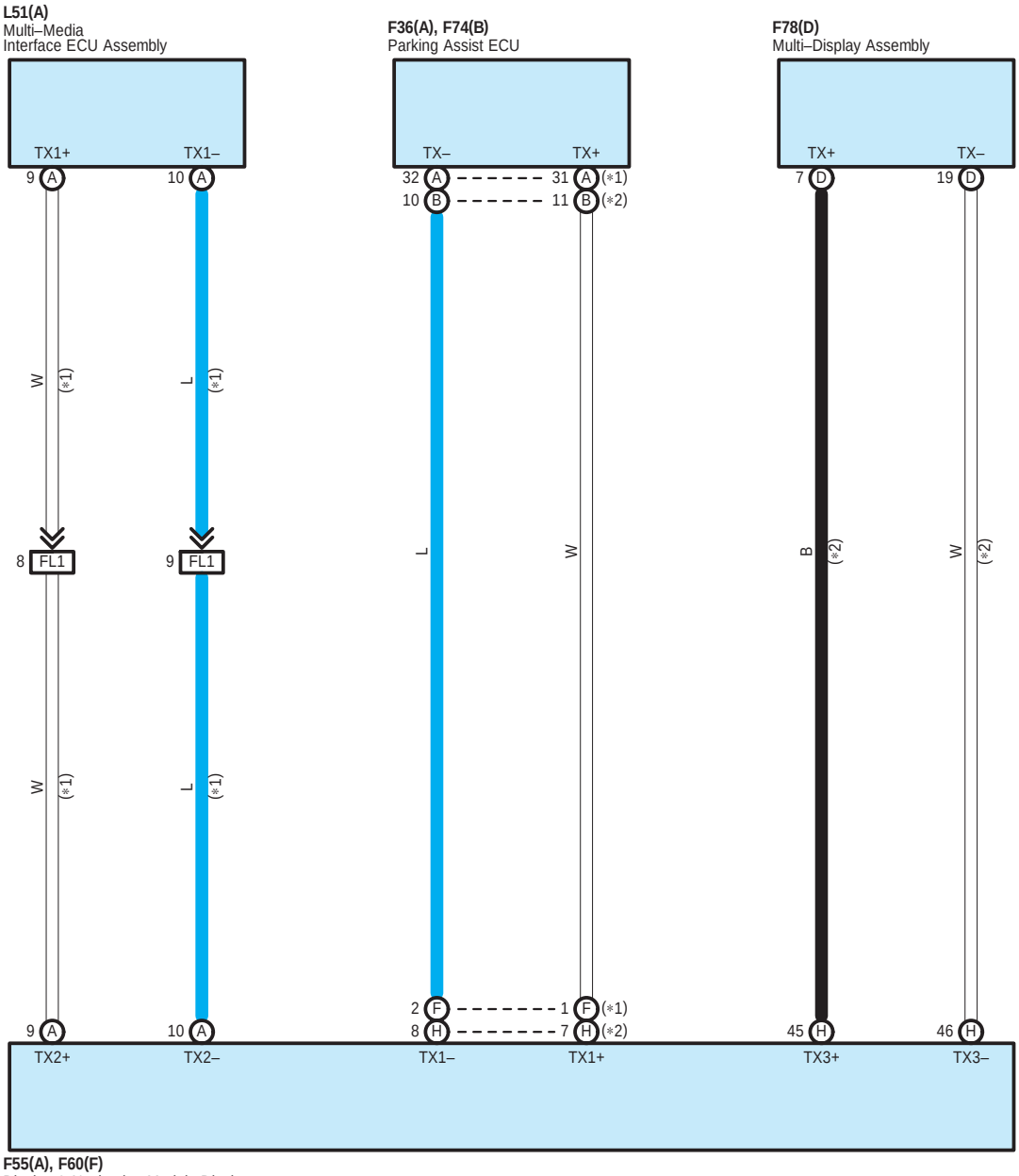
White




Blue

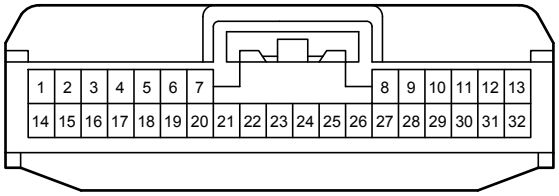


* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production




**F55(A), F60(F)**
Display & Navigation Module Display
**F76(H)**
Multi–Media Module Receiver Assembly

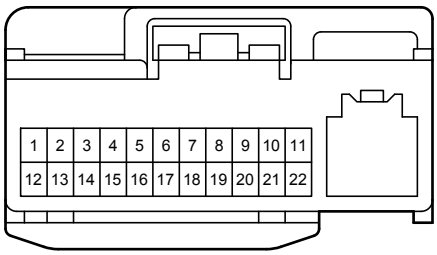
F 36
White



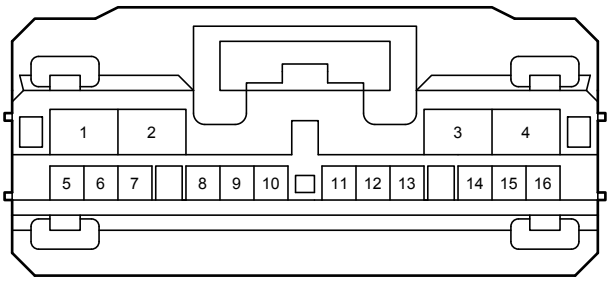

F 55
White



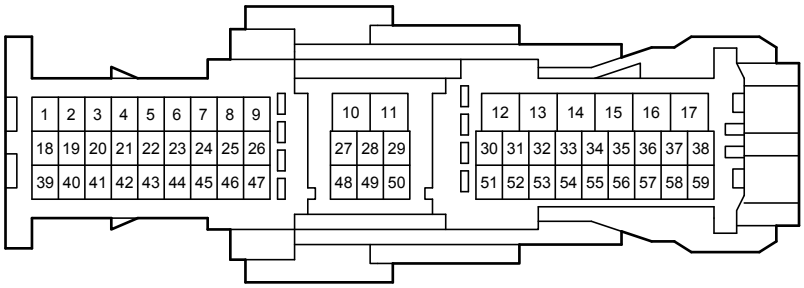

F 60
White



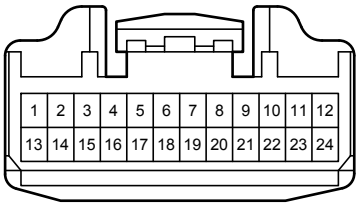

F 74
White



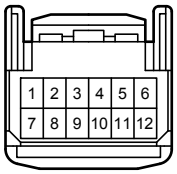

F 76
White

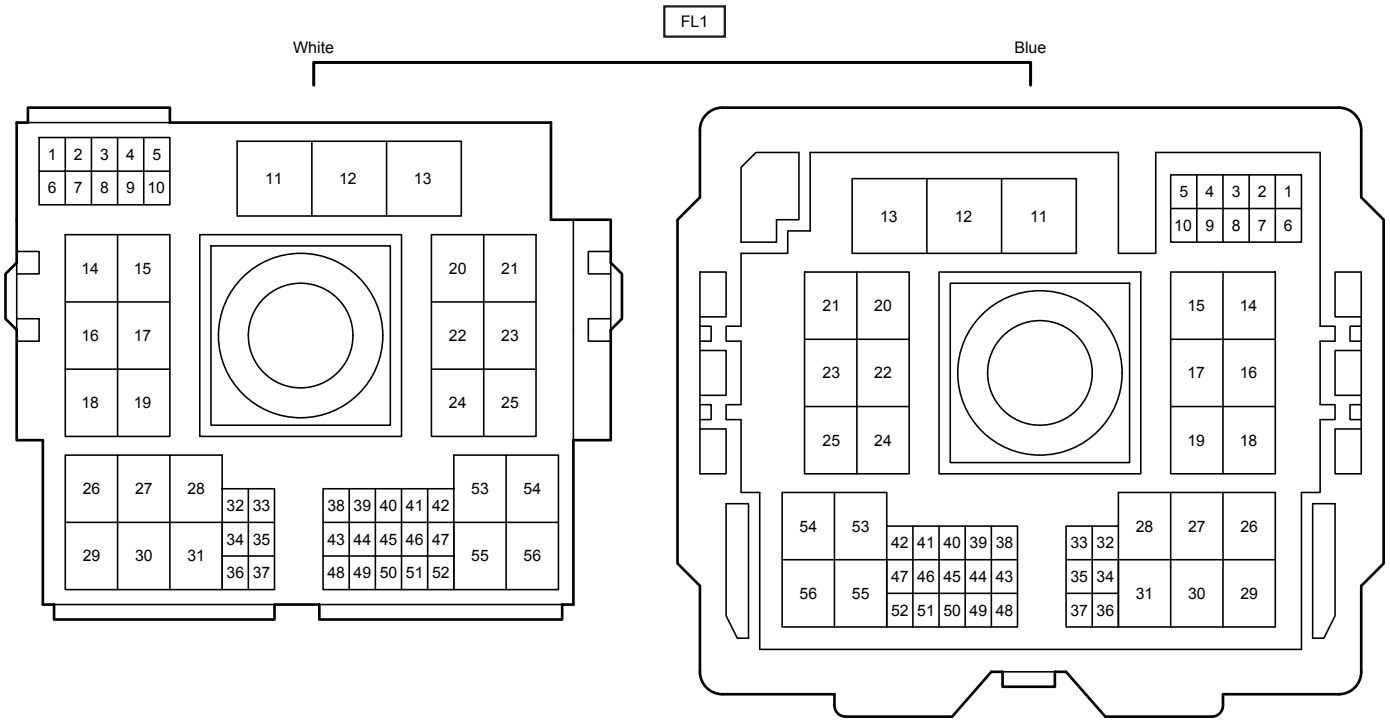


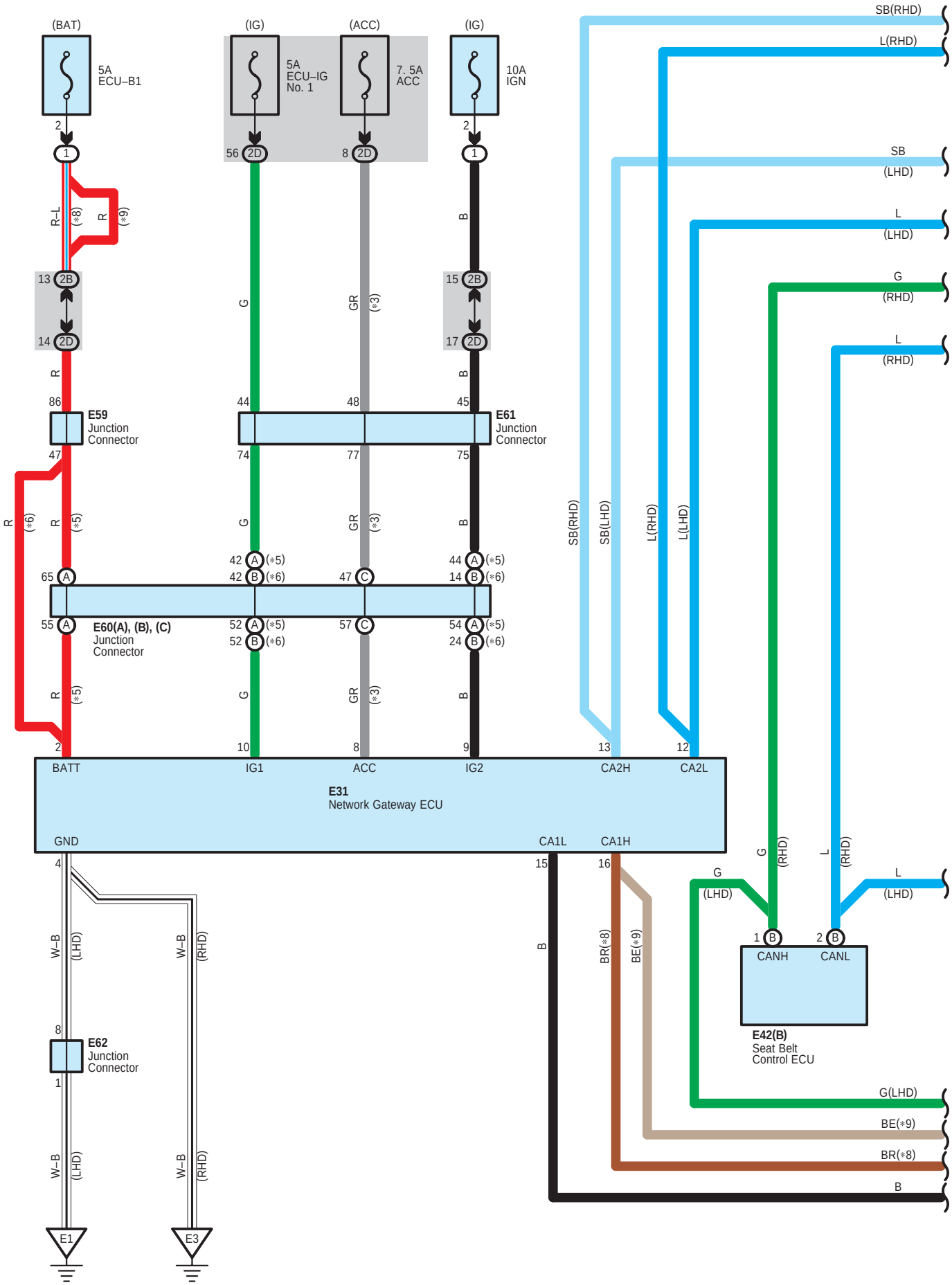

F 78
White

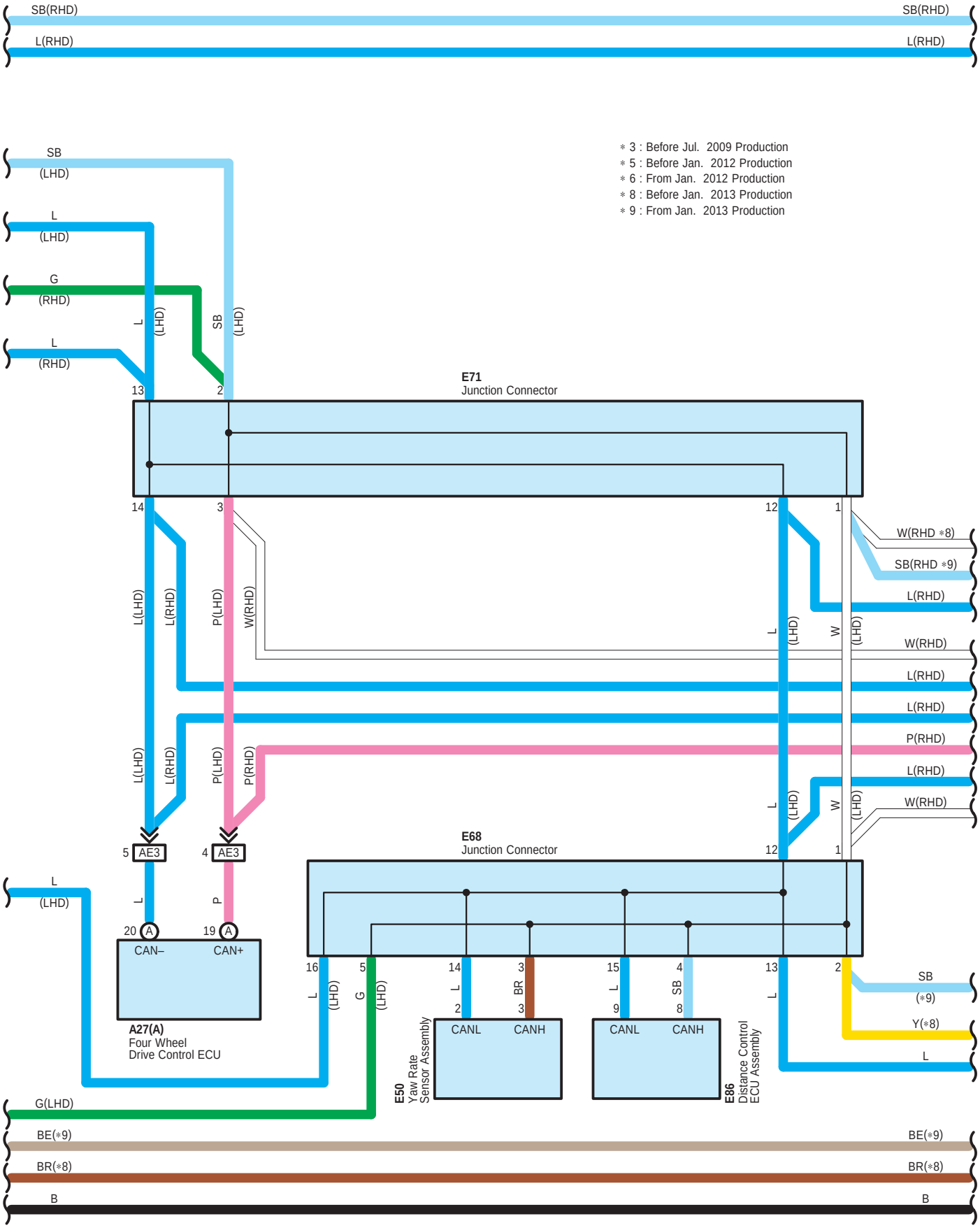


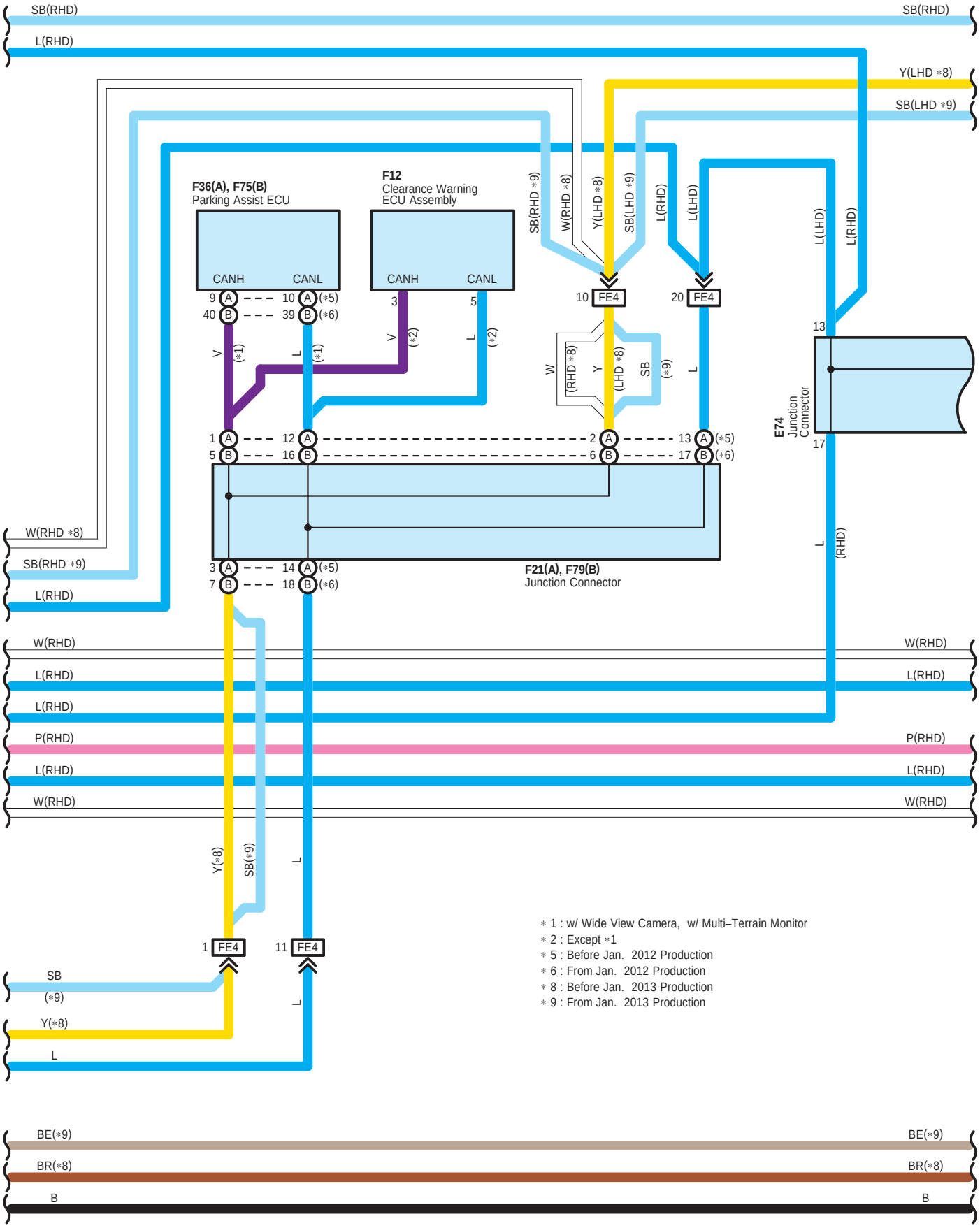

L 51
Black



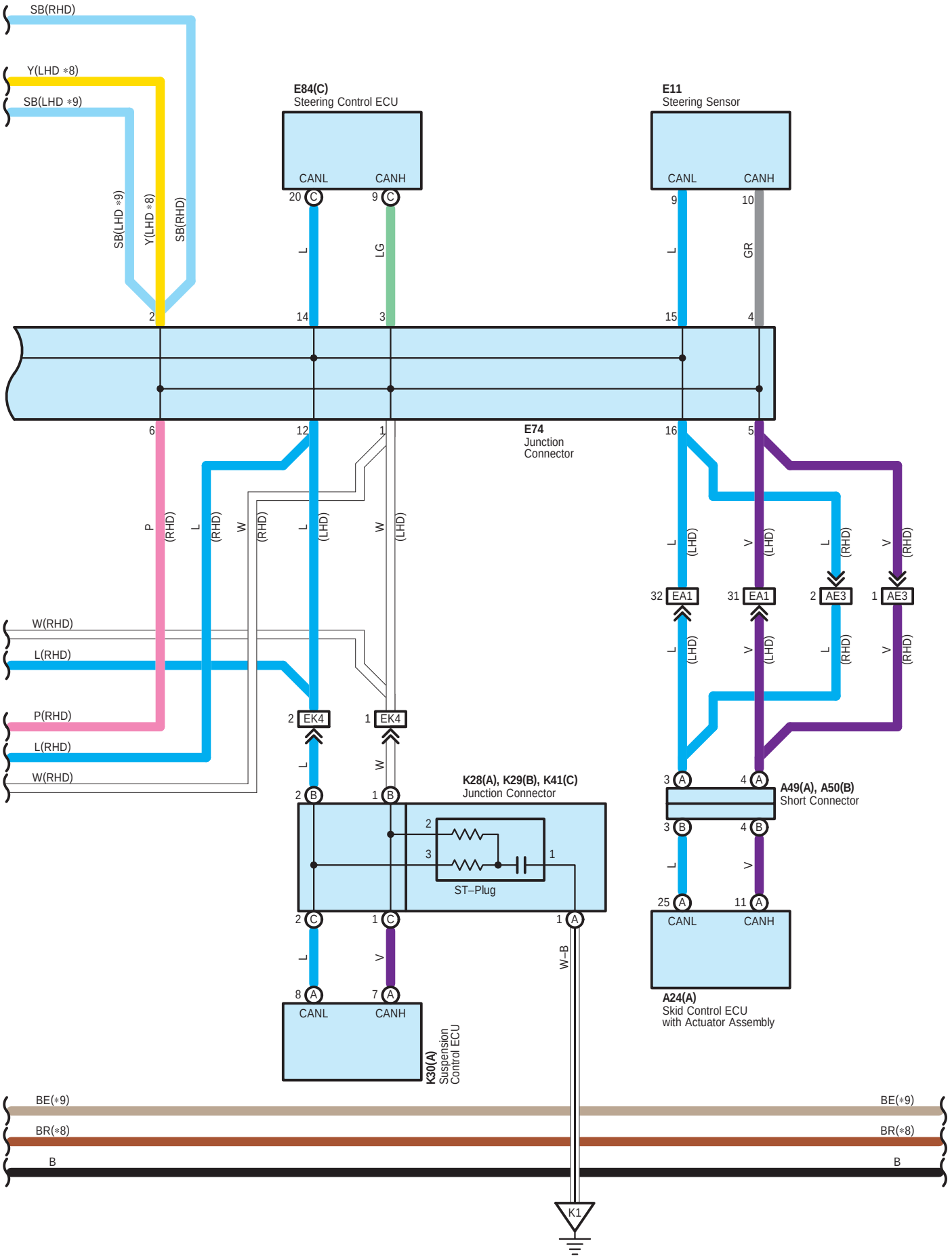

FL1
White
Blue
1 2 3 4 5
6 7 8 9 10
11 12 13
14 15
16 17
18 19
20 21
22 23
24 25
26 27 28
29 30 31
32 33
34 35
36 37
38 39 40 41 42
43 44 45 46 47
48 49 50 51 52
53 54
55 56
13 12 11
5 4 3 2 1
10 9 8 7 6
21 20
23 22
25 24
15 14
17 16
19 18
54 53
56 55
42 41 40 39 38
47 46 45 44 43
52 51 50 49 48
33 32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

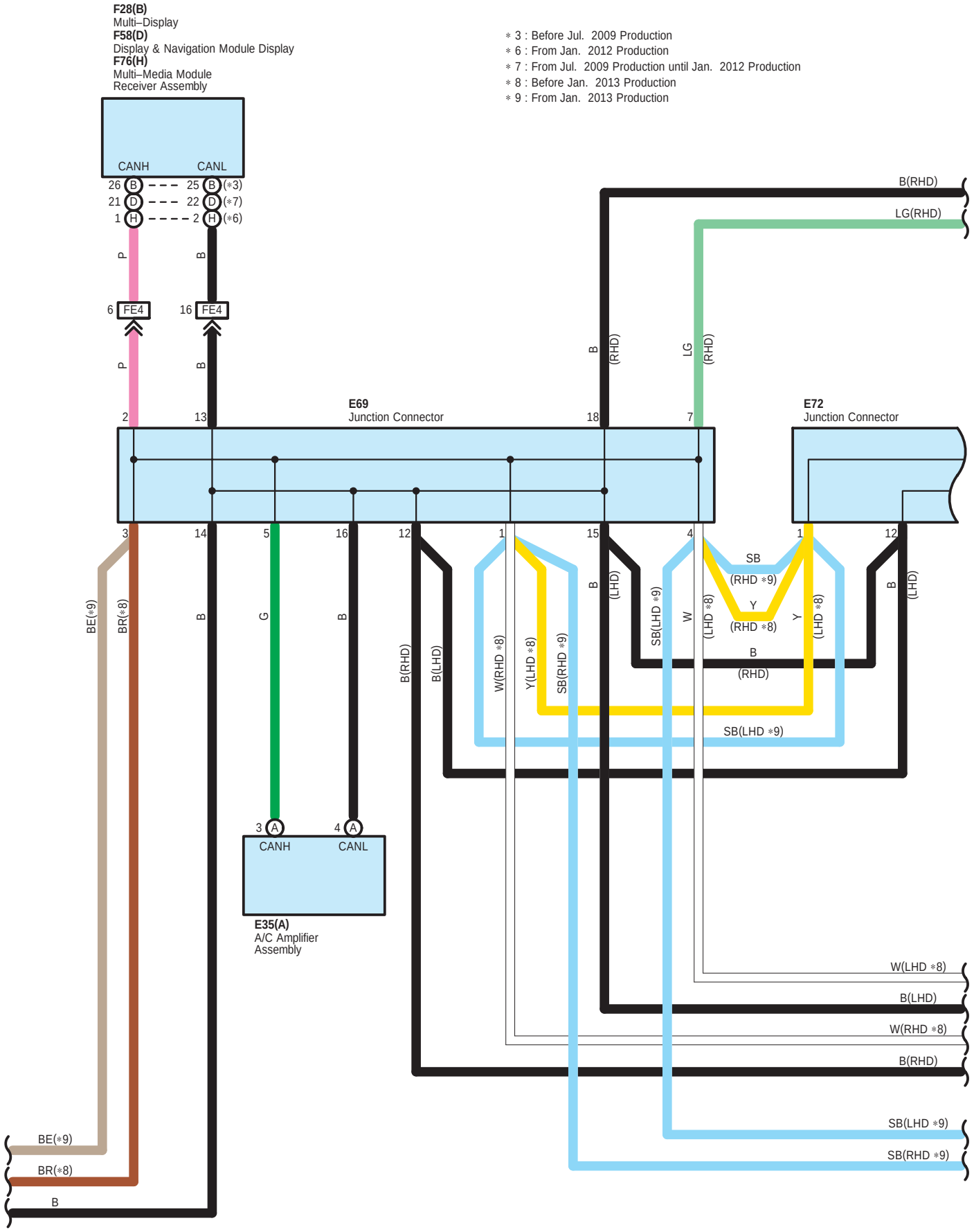

(BAT)
(IG)
(ACC)
(IG)
5A
ECU–B1
5A
ECU–IG
No. 1
7. 5A
ACC
10A
IGN
SB(RHD)
L(RHD)
SB
(LHD)
L
(LHD)
G
(RHD)
L
(RHD)
E59
Junction
Connector
E61
Junction
Connector
E60(A), (B), (C)
Junction
Connector
E31
Network Gateway ECU
BATT
IG1
ACC
IG2
CA2H
CA2L
GND
CA1L
CA1H
CANH
CANL
E42(B)
Seat Belt
Control ECU
E62
Junction
Connector
E1
E3
G(LHD)
BE(∗9)
BR(∗8)
B

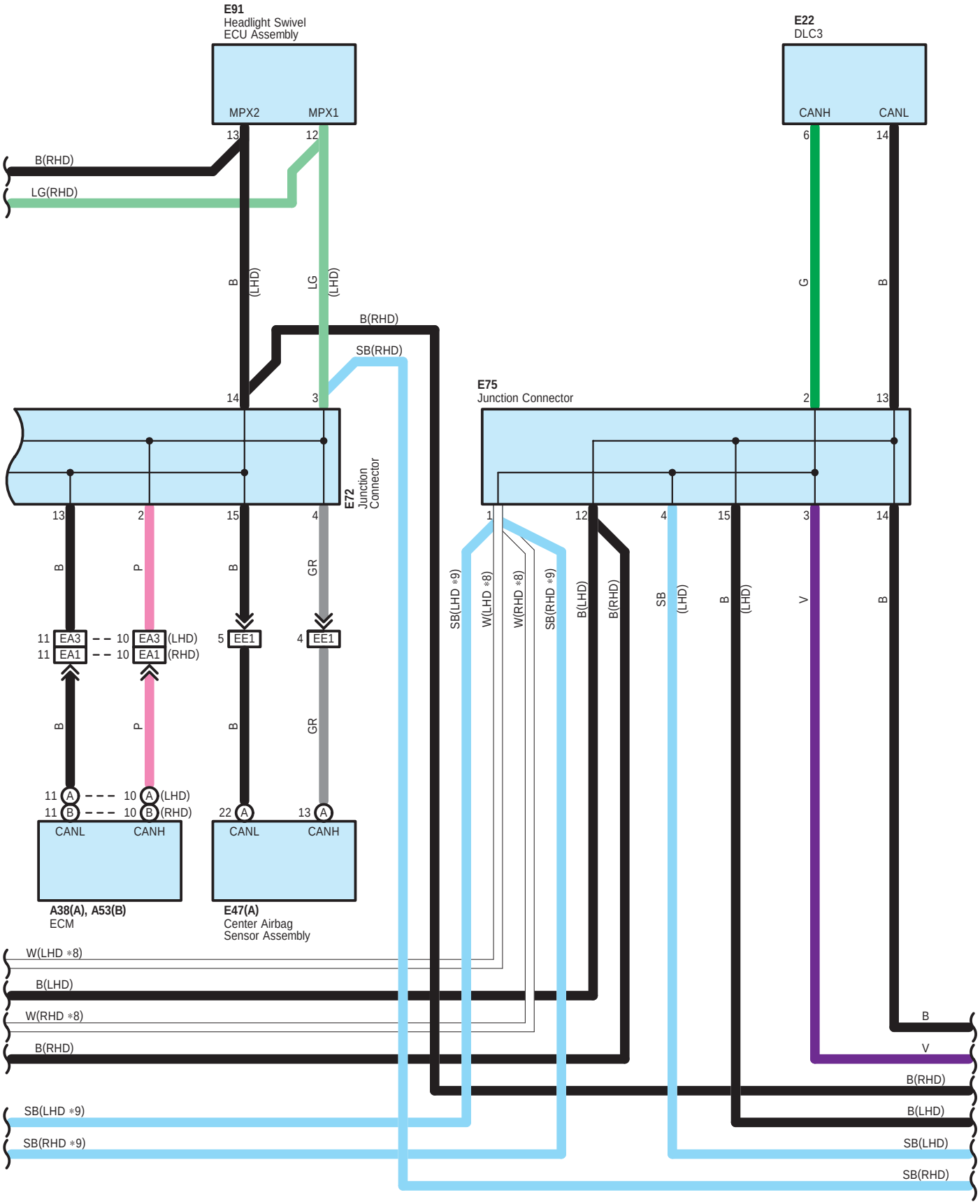

SB(RHD)
L(RHD)
SB(RHD)
L(RHD)
∗ 3 : Before Jul. 2009 Production
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 8 : Before Jan. 2013 Production
∗ 9 : From Jan. 2013 Production
SB (LHD)
L (LHD)
G (RHD)
L (RHD)
E71
Junction Connector
W(RHD ∗8)
SB(RHD ∗9)
L(RHD)
W(RHD)
L(RHD)
L(RHD)
P(RHD)
L(RHD)
W(RHD)
E68
Junction Connector
5 AE3
4 AE3
20 A
19 A
CAN–
CAN+
A27(A)
Four Wheel
Drive Control ECU
E50
Yaw Rate
Sensor Assembly
CANL
CANH
CANL
CANH
E86
Distance Control
ECU Assembly
SB (∗9)
Y(∗8)
L
G(LHD)
BE(∗9)
BR(∗8)
B
BE(∗9)
BR(∗8)
B

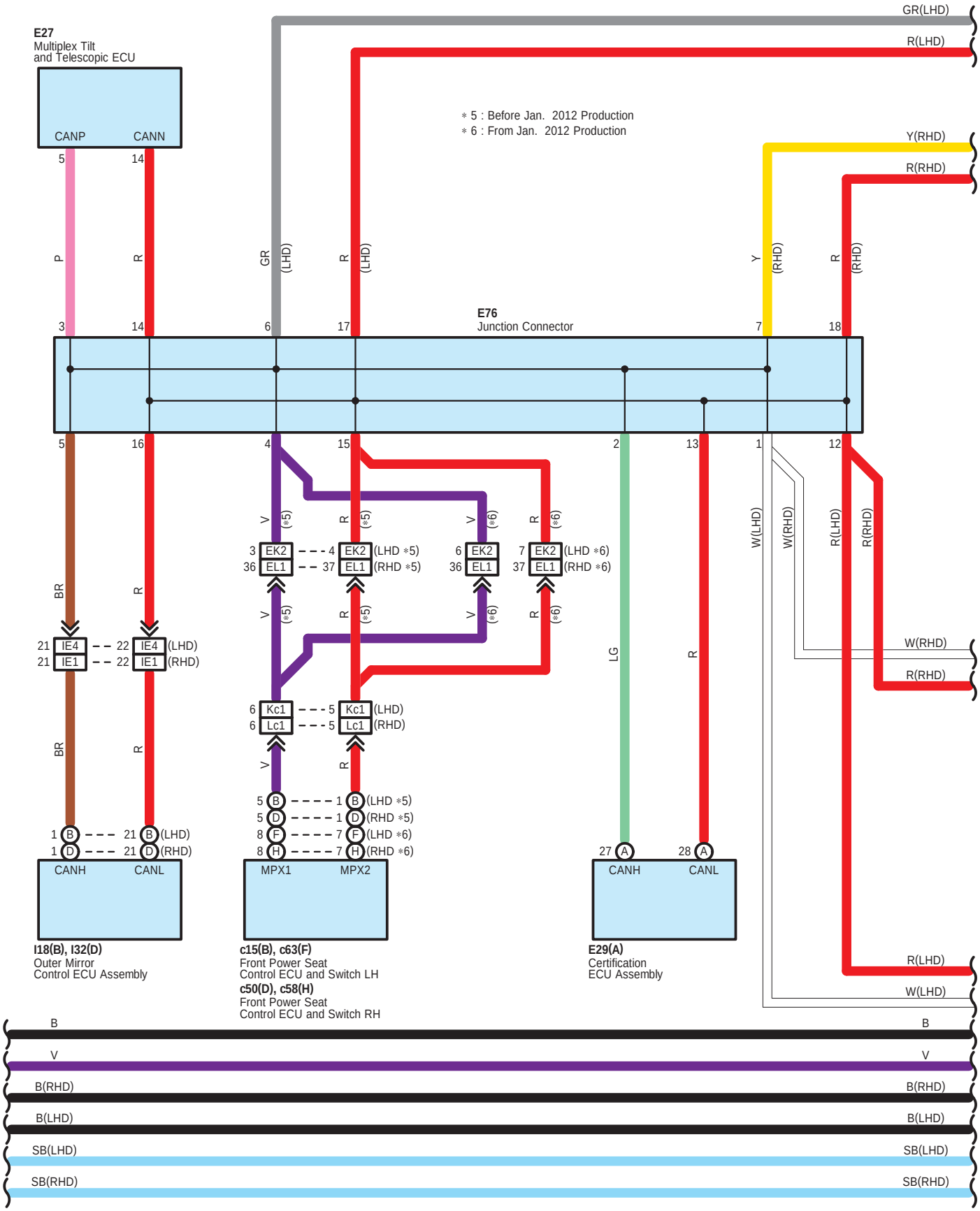


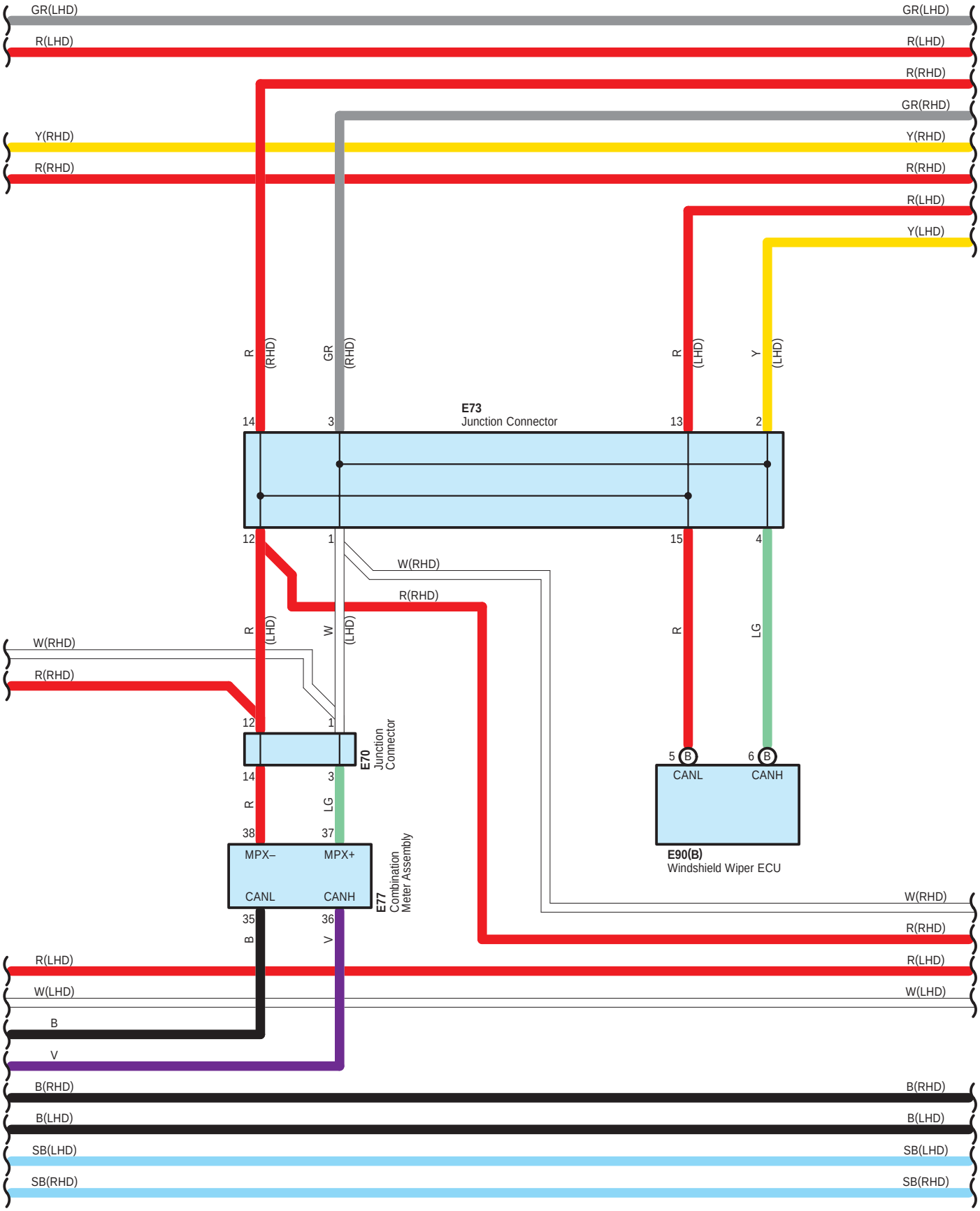

∗ 1 : w/ Wide View Camera, w/ Multi–Terrain Monitor
∗ 2 : Except ∗1
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 8 : Before Jan. 2013 Production
∗ 9 : From Jan. 2013 Production

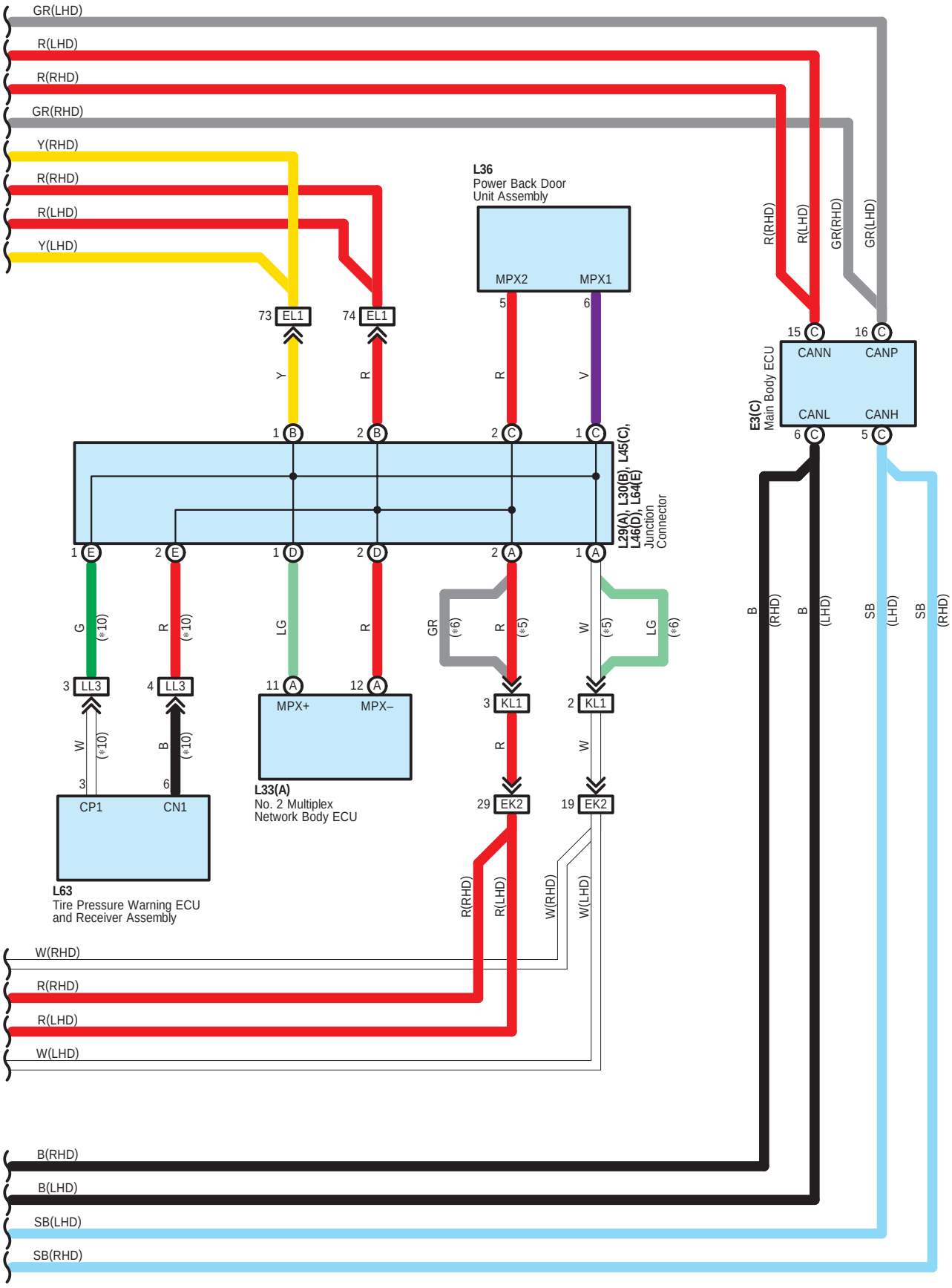

SB(RHD)
Y(LHD ∗8)
SB(LHD ∗9)
SB(LHD ∗9)
Y(LHD ∗8)
SB(RHD)
E84(C)
Steering Control ECU
CANL
CANH
20 C
9 C
L
LG
14
3
2
E11
Steering Sensor
CANL
CANH
9
10
L
GR
15
4
E74
Junction
Connector
6
12
1
16
5
P (RHD)
L (RHD)
W (RHD)
L (LHD)
W (LHD)
L (LHD)
V (LHD)
L (RHD)
V (RHD)
32 EA1
31 EA1
2 AE3
1 AE3
W(RHD)
L(RHD)
P(RHD)
L(RHD)
W(RHD)
2 EK4
1 EK4
K28(A), K29(B), K41(C)
Junction Connector
2 B
1 B
3 A
4 A
A49(A), A50(B)
Short Connector
2
3
1
ST–Plug
3 B
4 B
2 C
1 C
1 A
L
V
W–B
25 A
11 A
8 A
7 A
CANL
CANH
CANL
CANH
K30(A)
Suspension
Control ECU
A24(A)
Skid Control ECU
with Actuator Assembly
BE(∗9)
BR(∗8)
B
BE(∗9)
BR(∗8)
B
K1


F28(B)
Multi–Display
F58(D)
Display & Navigation Module Display
F76(H)
Multi–Media Module
Receiver Assembly
CANH
CANL
26 B
25 B (*3)
21 D
22 D (*7)
1 H
2 H (*6)
P
B
6 FE4
16 FE4
P
B
2
13
E69
Junction Connector
18
7
E72
Junction Connector
B (RHD)
LG (RHD)
3
14
5
16
12
1
15
4
1
12
BE(*9)
BR(*8)
B
G
B
B(RHD)
B(LHD)
W(RHD *8)
Y(LHD *8)
SB(RHD *9)
B (LHD)
SB(LHD *9)
W
(LHD *8)
SB
(RHD *9)
Y
(RHD *8)
Y
(LHD *8)
B
(RHD)
B (LHD)
SB(LHD *9)
3 A
4 A
CANH
CANL
E35(A)
A/C Amplifier
Assembly
W(LHD *8)
B(LHD)
W(RHD *8)
B(RHD)
SB(LHD *9)
SB(RHD *9)
BE(*9)
BR(*8)
B
* 3 : Before Jul. 2009 Production
* 6 : From Jan. 2012 Production
* 7 : From Jul. 2009 Production until Jan. 2012 Production
* 8 : Before Jan. 2013 Production
* 9 : From Jan. 2013 Production


E91
Headlight Swivel
ECU Assembly
MPX2
MPX1
13
12
B(RHD)
LG(RHD)
B (LHD)
LG (LHD)
B(RHD)
SB(RHD)
14
3
E22
DLC3
CANH
CANL
6
14
G
B
E75
Junction Connector
2
13
E72
Junction
Connector
13
2
15
4
B
P
B
GR
11 EA3 -- 10 EA3 (LHD)
11 EA1 -- 10 EA1 (RHD)
5 EE1
4 EE1
B
P
B
GR
11 A --- 10 A (LHD)
11 B --- 10 B (RHD)
22 A
13 A
CANL
CANH
CANL
CANH
A38(A), A53(B)
ECM
E47(A)
Center Airbag
Sensor Assembly
1
12
4
15
3
14
SB(LHD *9)
W(LHD *8)
W(RHD *8)
SB(RHD *9)
B(LHD)
B(RHD)
SB
(LHD)
B
(LHD)
V
B
W(LHD *8)
B(LHD)
W(RHD *8)
B(RHD)
SB(LHD *9)
SB(RHD *9)
B
V
B(RHD)
B(LHD)
SB(LHD)
SB(RHD)

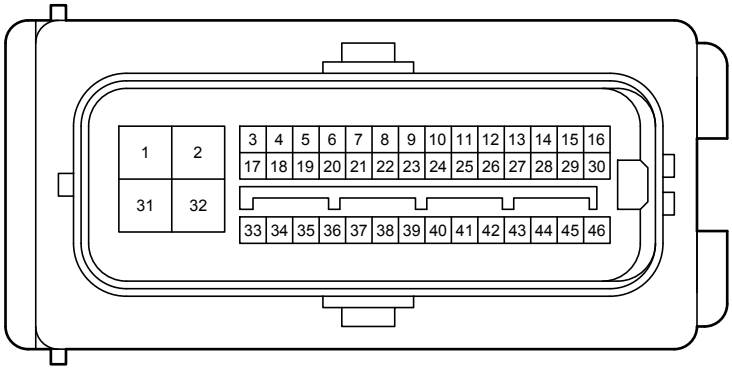

E27
Multiplex Tilt
and Telescopic ECU
CANP
CANN
5
14
P
R
GR (LHD)
R (LHD)
GR(LHD)
R(LHD)
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
Y(RHD)
R(RHD)
Y (RHD)
R (RHD)
E76
Junction Connector
3
14
6
17
7
18
5
16
4
15
2
13
1
12
V (∗5)
R (∗5)
V (∗6)
R (∗6)
3 EK2 4 EK2 (LHD ∗5)
36 EL1 37 EL1 (RHD ∗5)
6 EK2 7 EK2 (LHD ∗6)
36 EL1 37 EL1 (RHD ∗6)
BR
R
21 IE4 22 IE4 (LHD)
21 IE1 22 IE1 (RHD)
6 Kc1 5 Kc1 (LHD)
6 Lc1 5 Lc1 (RHD)
5 B 1 B (LHD ∗5)
5 D 1 D (RHD ∗5)
8 F 7 F (LHD ∗6)
8 H 7 H (RHD ∗6)
1 B 21 B (LHD)
1 D 21 D (RHD)
CANH
CANL
MPX1
MPX2
LG
R
27 A
28 A
W(LHD)
W(RHD)
R(LHD)
R(RHD)
W(RHD)
R(RHD)
R(LHD)
W(LHD)
I18(B), I32(D)
Outer Mirror
Control ECU Assembly
c15(B), c63(F)
Front Power Seat
Control ECU and Switch LH
c50(D), c58(H)
Front Power Seat
Control ECU and Switch RH
E29(A)
Certification
ECU Assembly
B
V
B(RHD)
B(LHD)
SB(LHD)
SB(RHD)


GR(LHD)
R(LHD)
R(RHD)
GR(RHD)
Y(RHD)
R(RHD)
R(LHD)
Y(LHD)
R (RHD)
GR (RHD)
R (LHD)
Y (LHD)
E73
Junction Connector
14
3
13
2
12
1
15
4
W(RHD)
R(RHD)
R (LHD)
W (LHD)
R
LG
E70
Junction Connector
5 B
6 B
CANL
CANH
E90(B)
Windshield Wiper ECU
MPX–
MPX+
CANL
CANH
E77
Combination Meter Assembly
38
37
35
36
B
V
W(LHD)
B(RHD)
B(LHD)
SB(LHD)
SB(RHD)

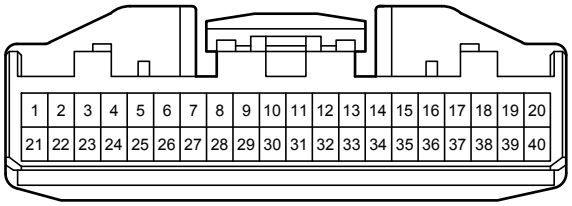



∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗10 : w/ Tire Pressure Warning System

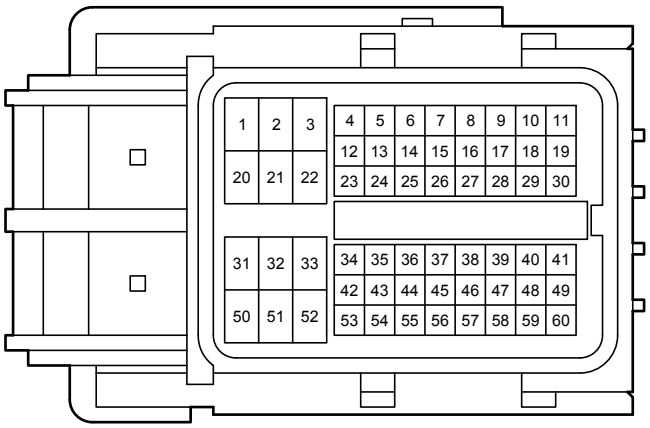
A 24
Black




A 27
Black




A 38
Black



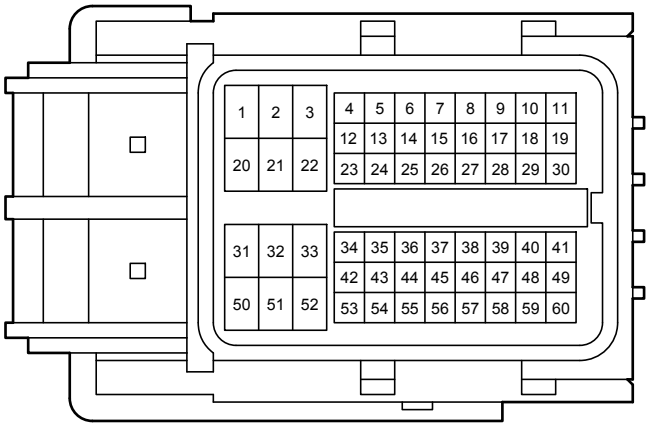

A 49
Gray



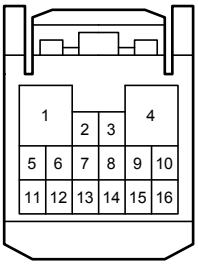

A 50
Gray



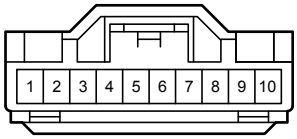

A 53
Black



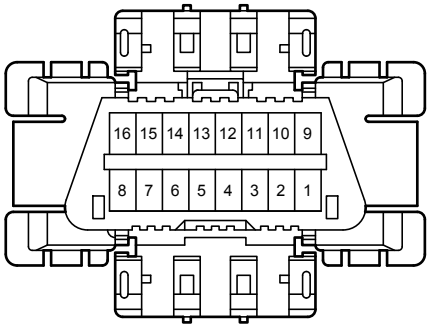

E 3
White



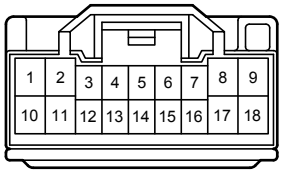
E 11
Gray



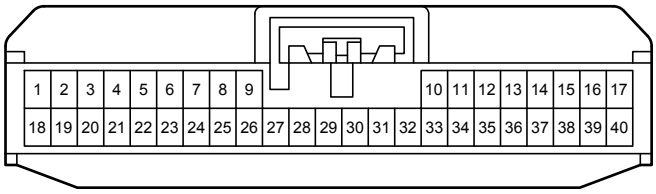

E 22
White



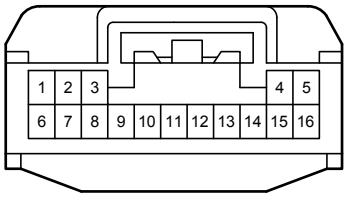

E 27
White



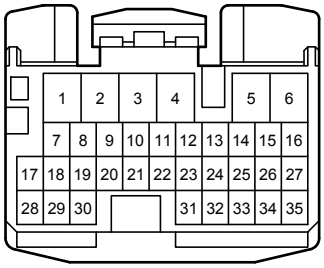

E 29
White



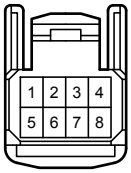

E 31
White



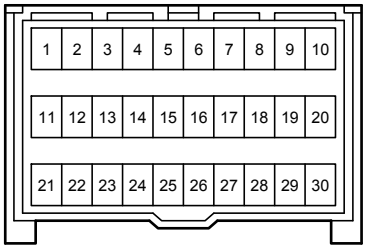

E 35
White



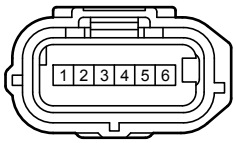

E 42
White



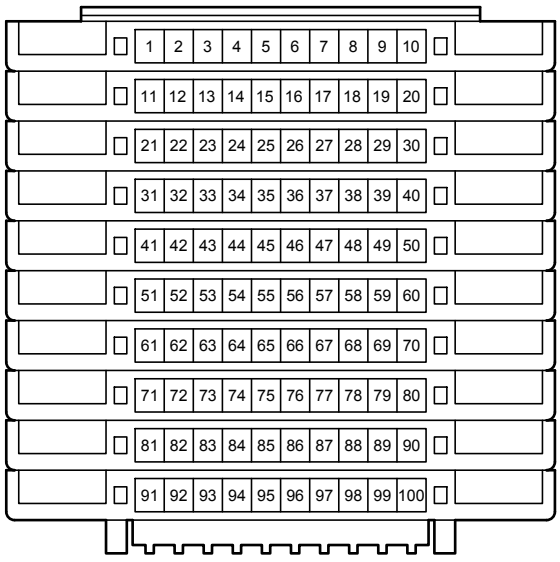

E 47
Yellow



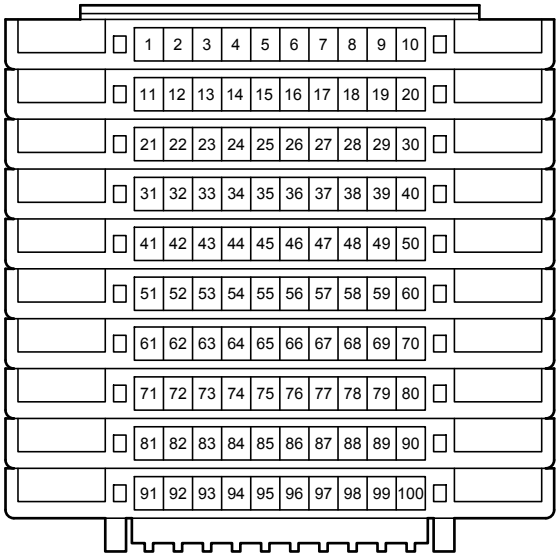

E 50
Black



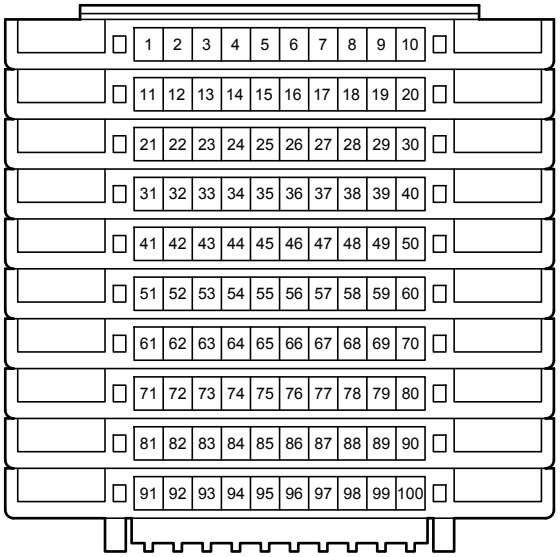

E 59
White



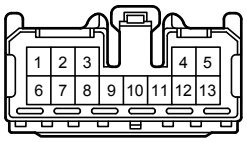
E 60
White



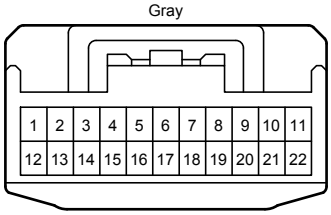

E 61
White



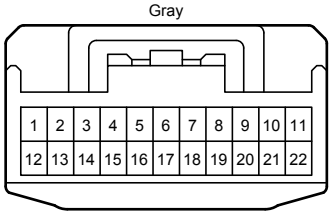

E 62
White



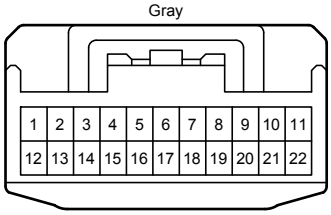

E 68
Gray



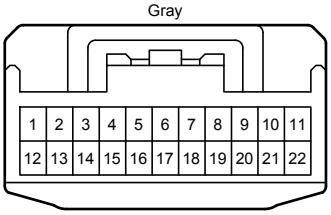

E 69
Gray



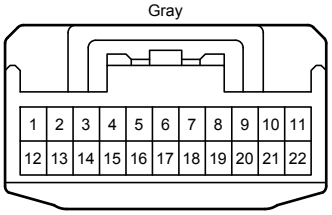

E 70
Gray



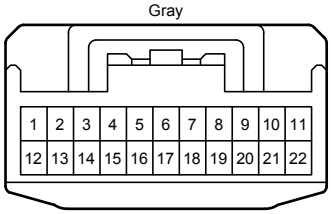

E 71
Gray



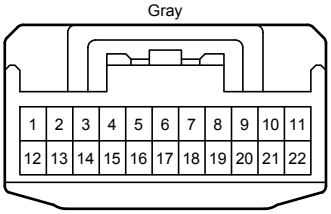

E 72
Gray



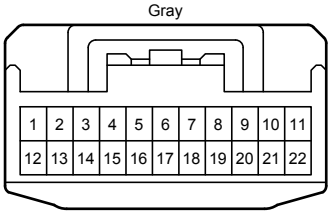

E 73
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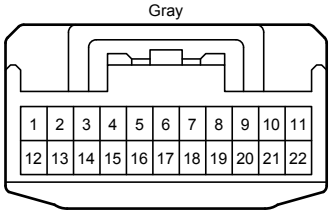

E 74
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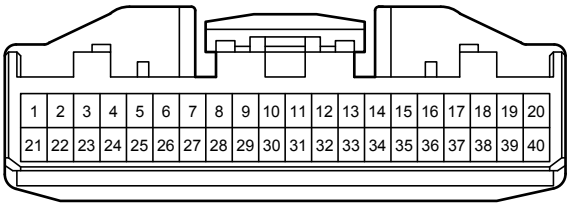

E 75
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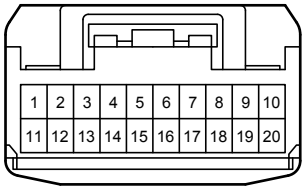

E 76
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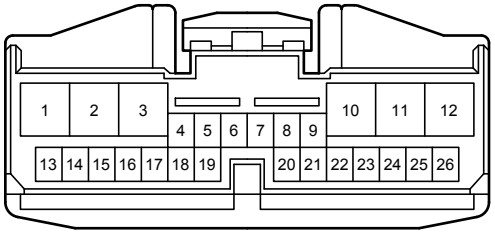

E 77
White



E 84
White



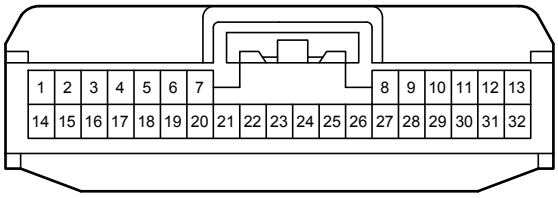

E 86
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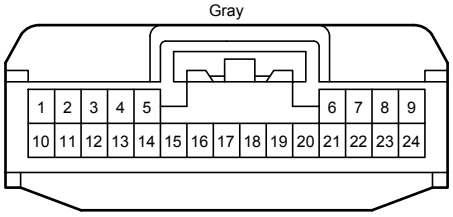

E 90
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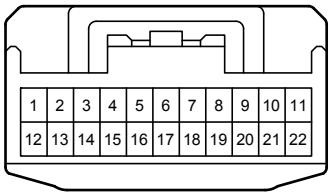

E 91
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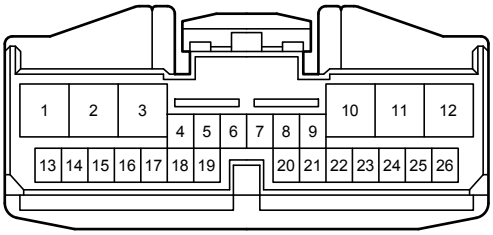

F 12
Gray



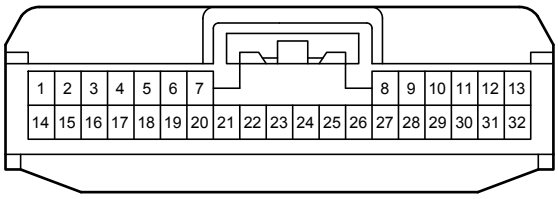

F 21
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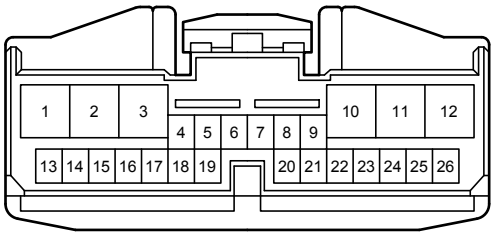

F 28
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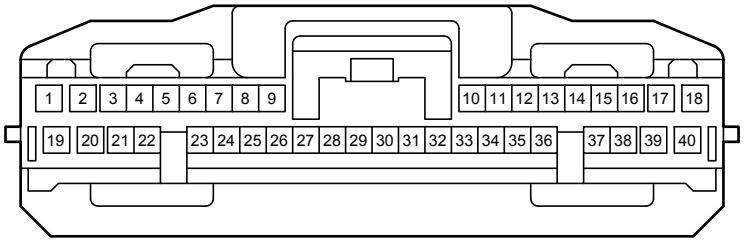

F 36
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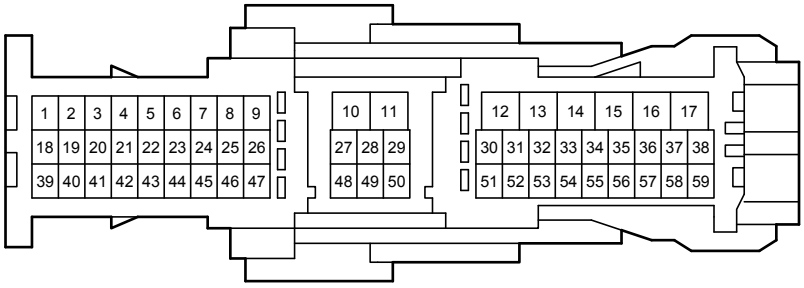

F 58
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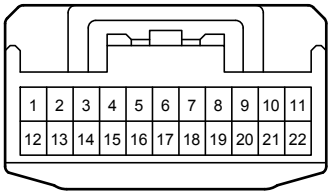

F 75
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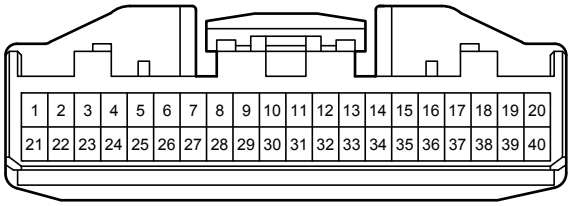
F 76
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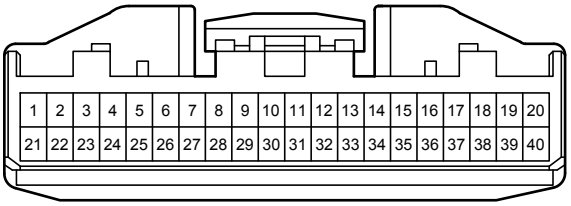

F 79
White




I 18
White



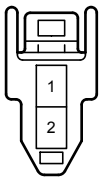

I 32
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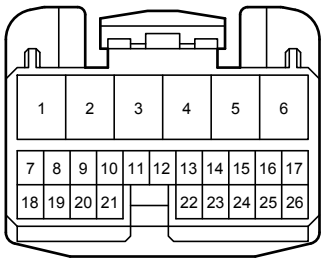

K 28
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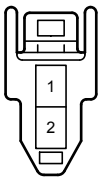

K 29
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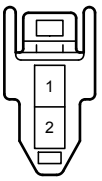

K 30
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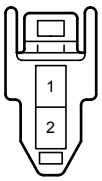

K 41
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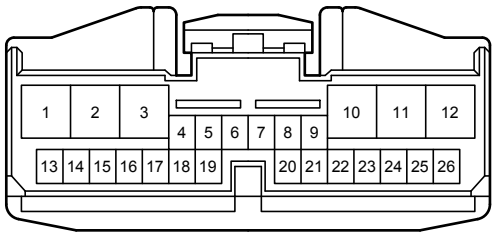

L 29
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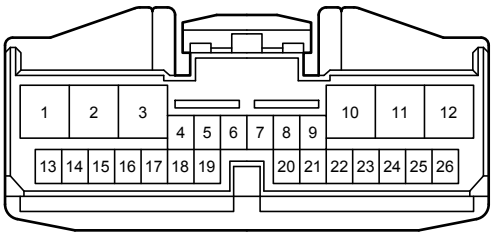

L 30
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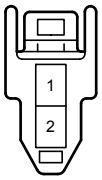

L 33
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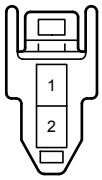

L 36
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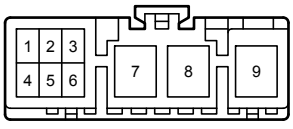

L 45
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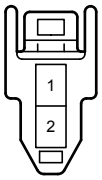

L 46
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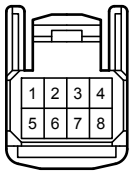

L 63
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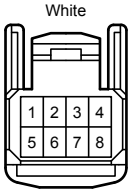

L 64
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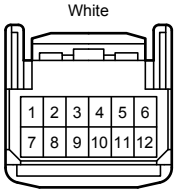

c 15
White



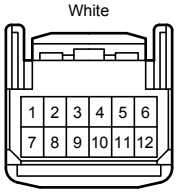

c 50
White



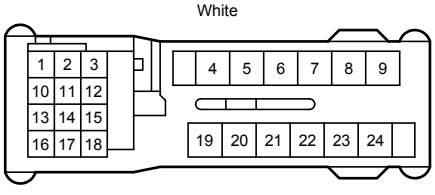

c 58
White



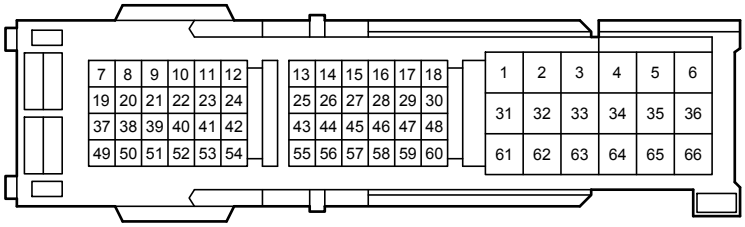

c 63
White



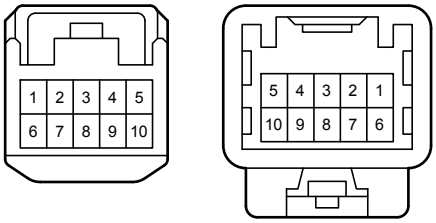

2B
White



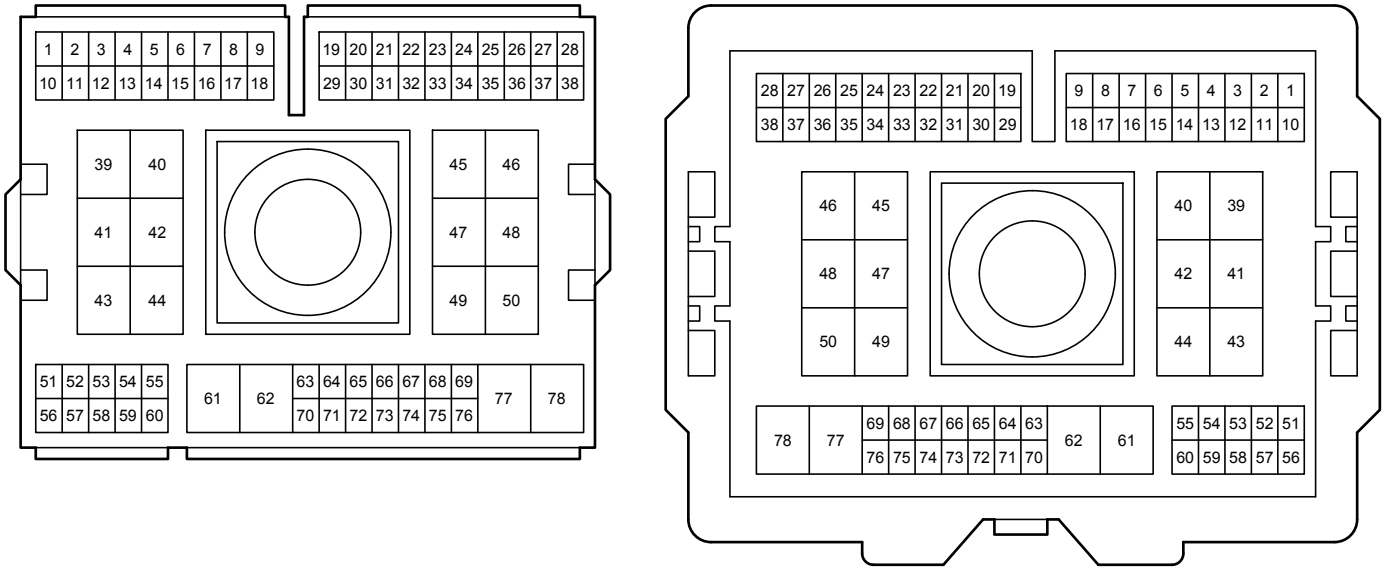
2D
White



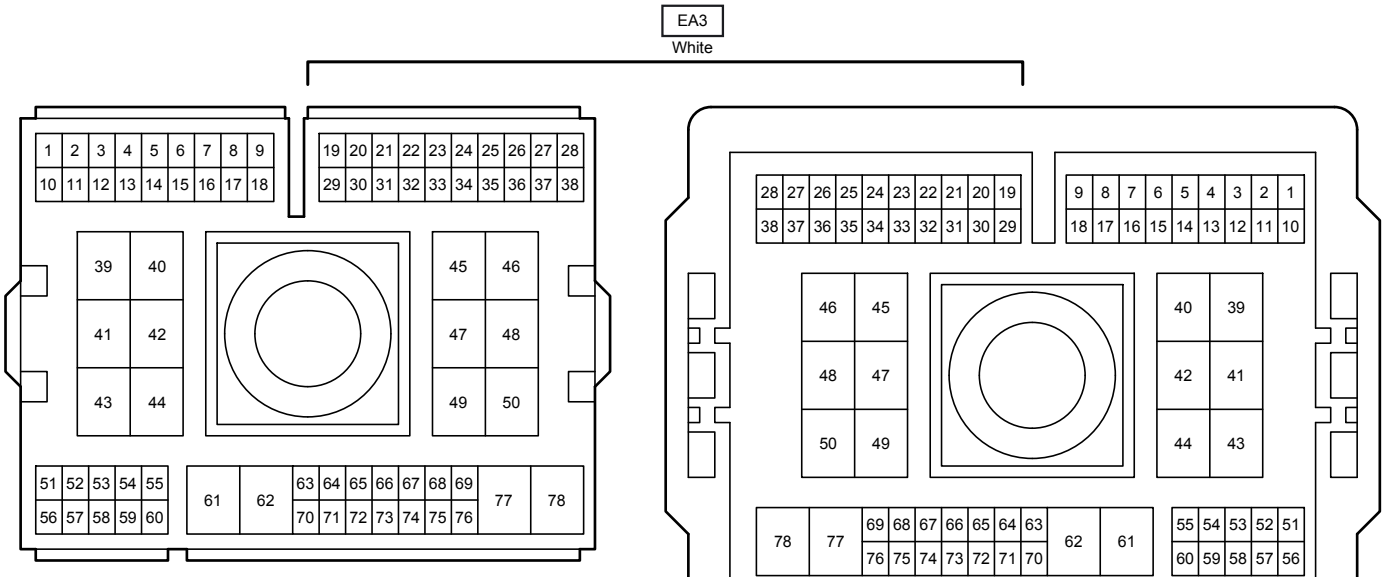

AE3
Gray



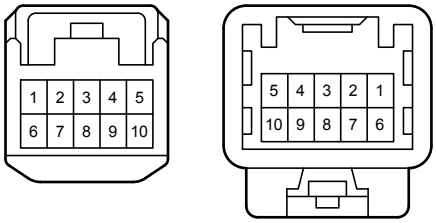

EA1
White



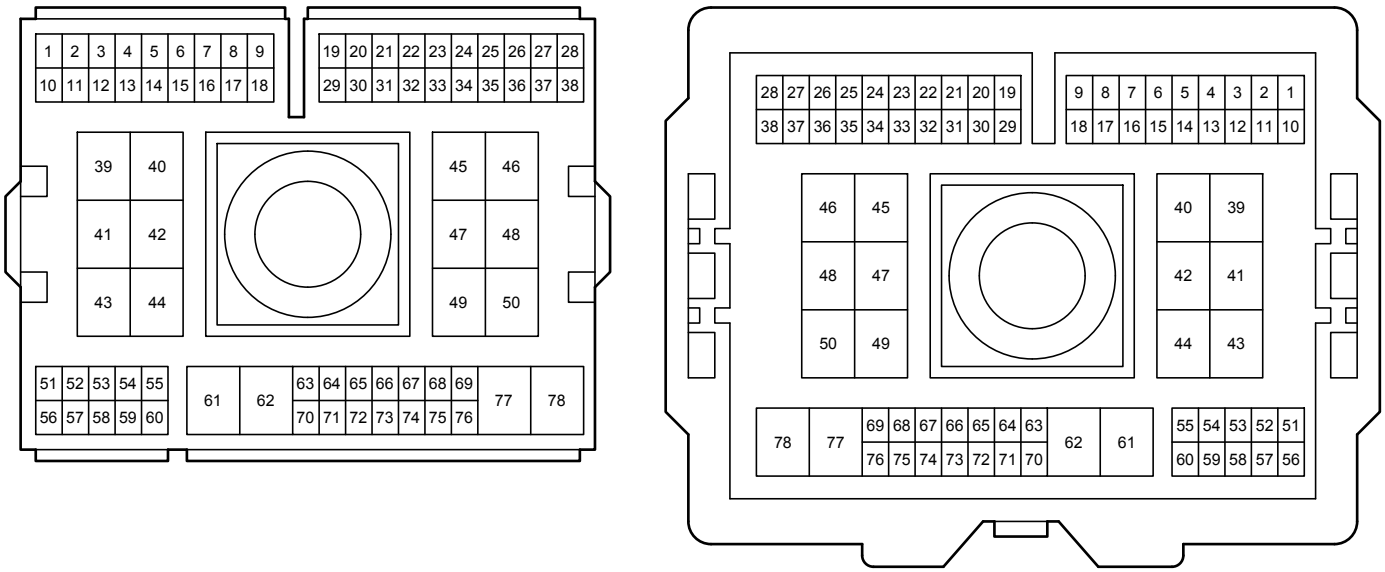

EA3
White



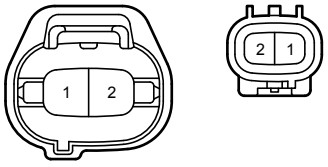
EE1
White



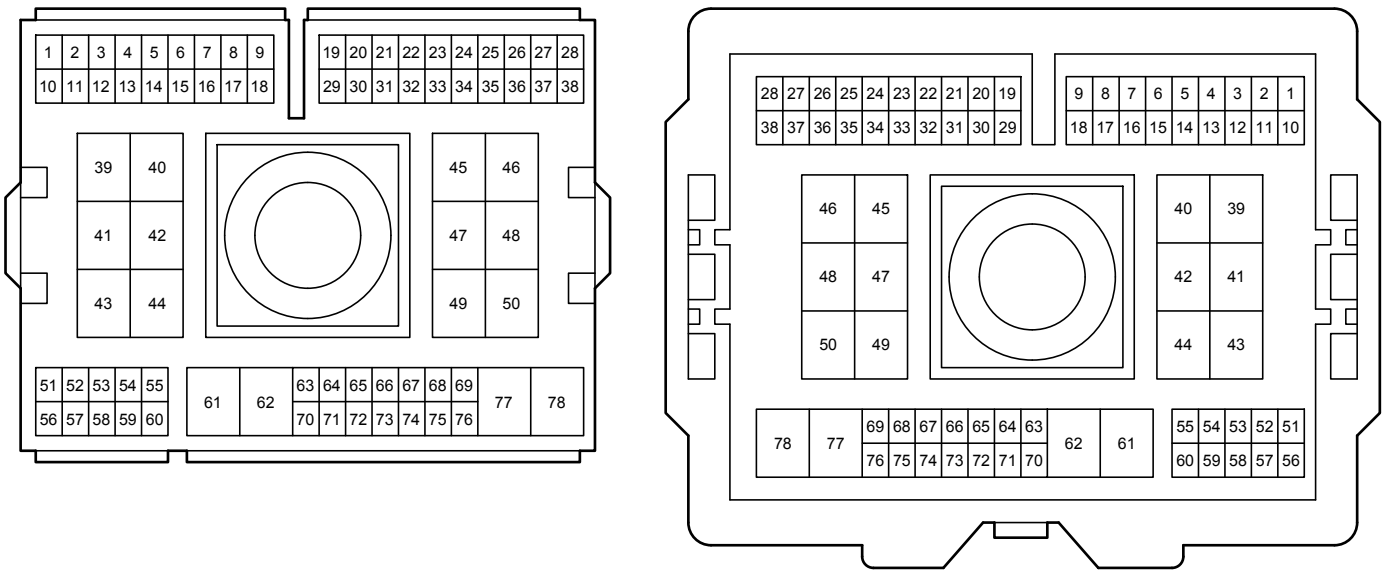

EK2
White



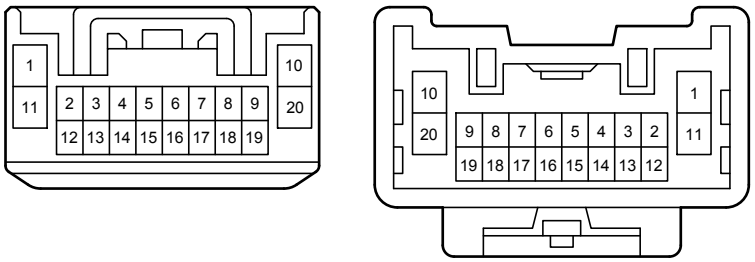

EK4
White



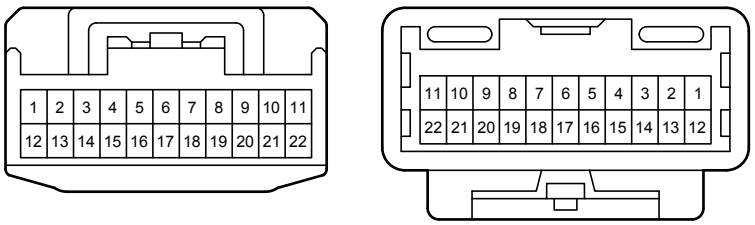
EL1
White



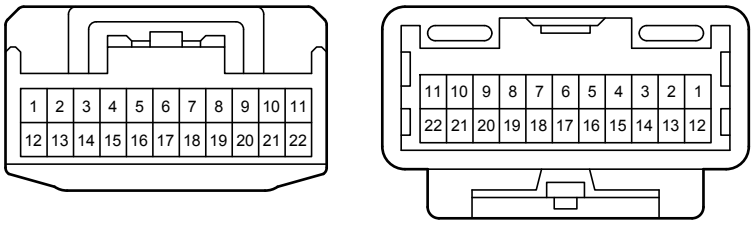

FE4
White



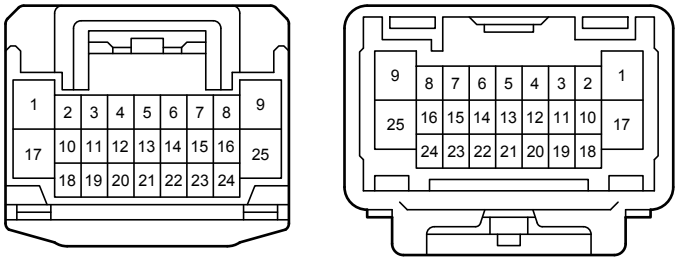

IE1
Gray



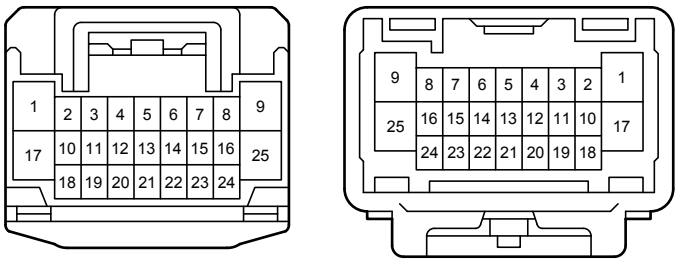

IE4
Gray



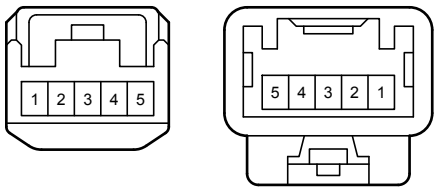
KL1
White



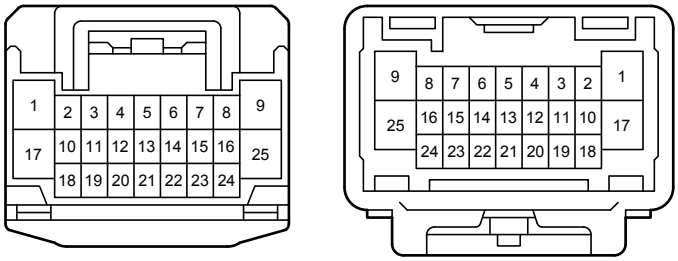

Kc1
White

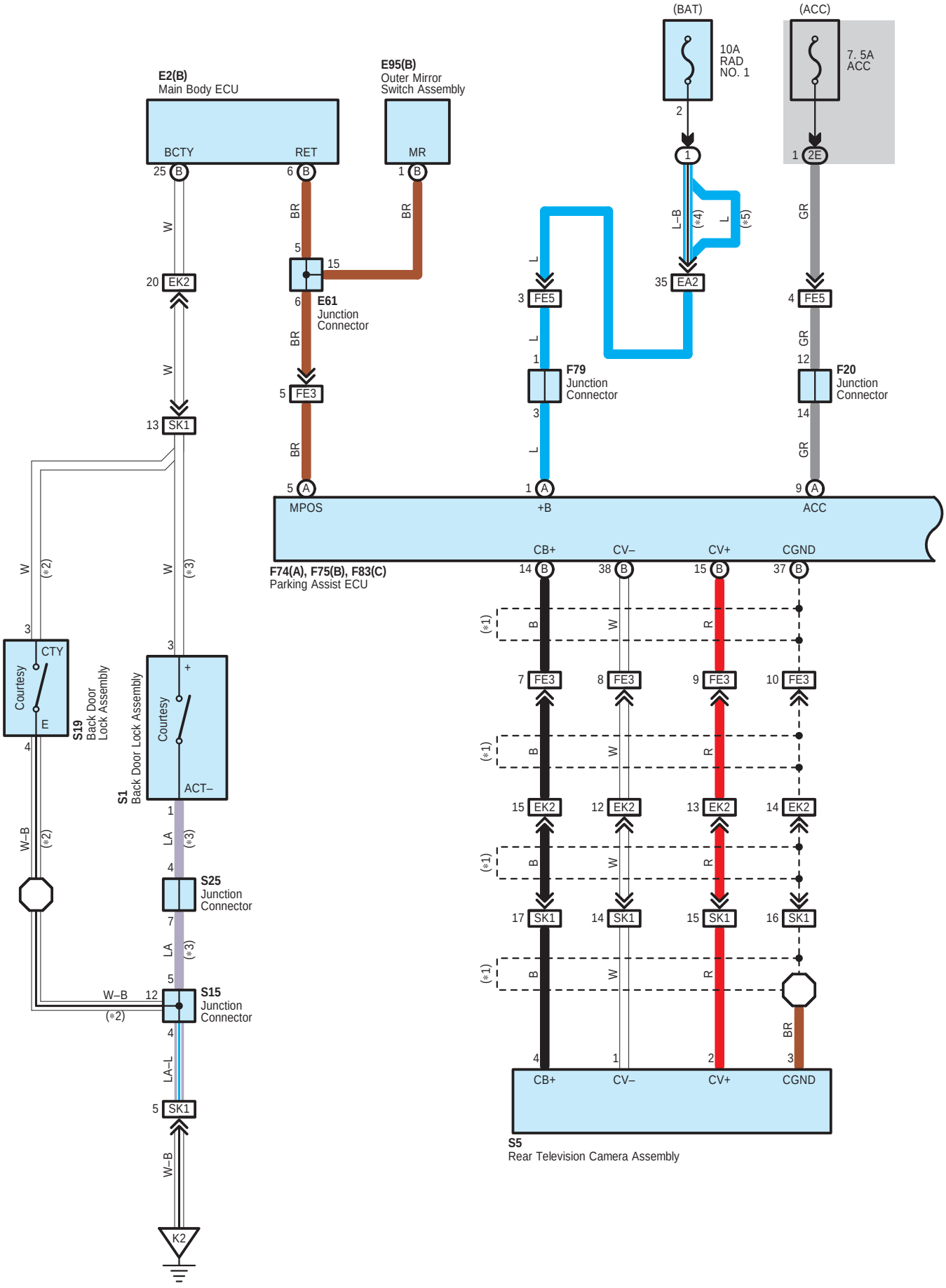


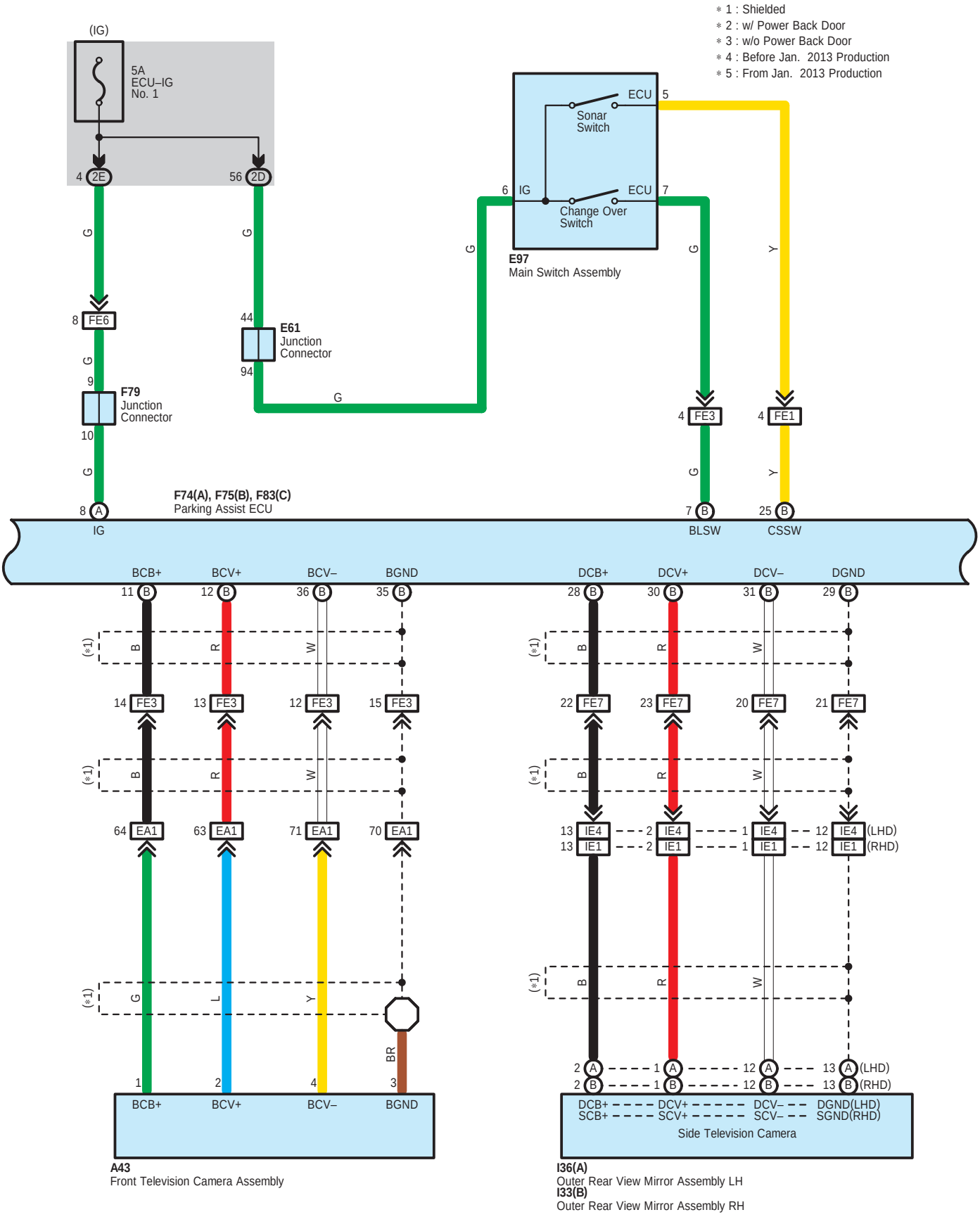

LL3
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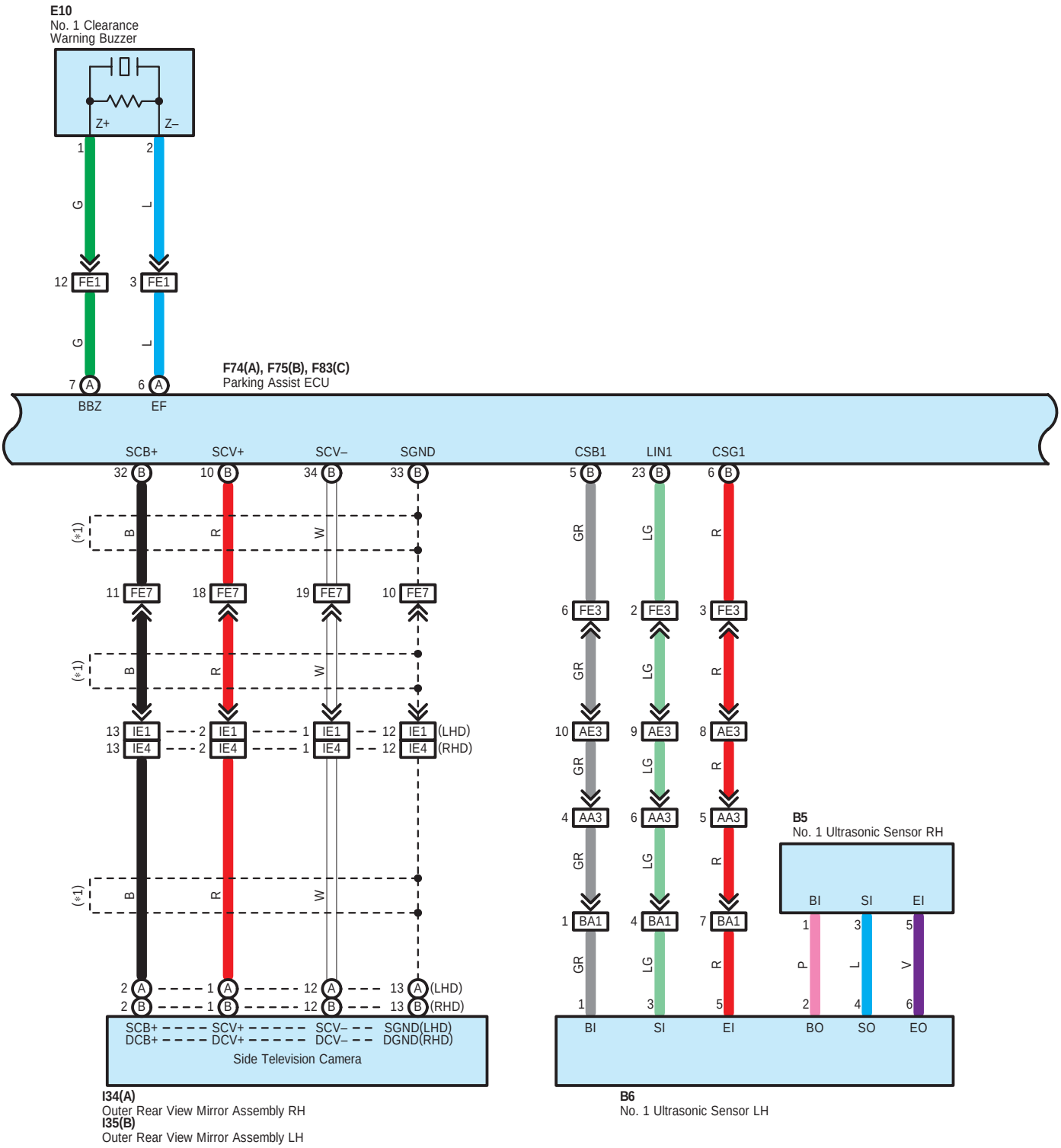



Lc1
White

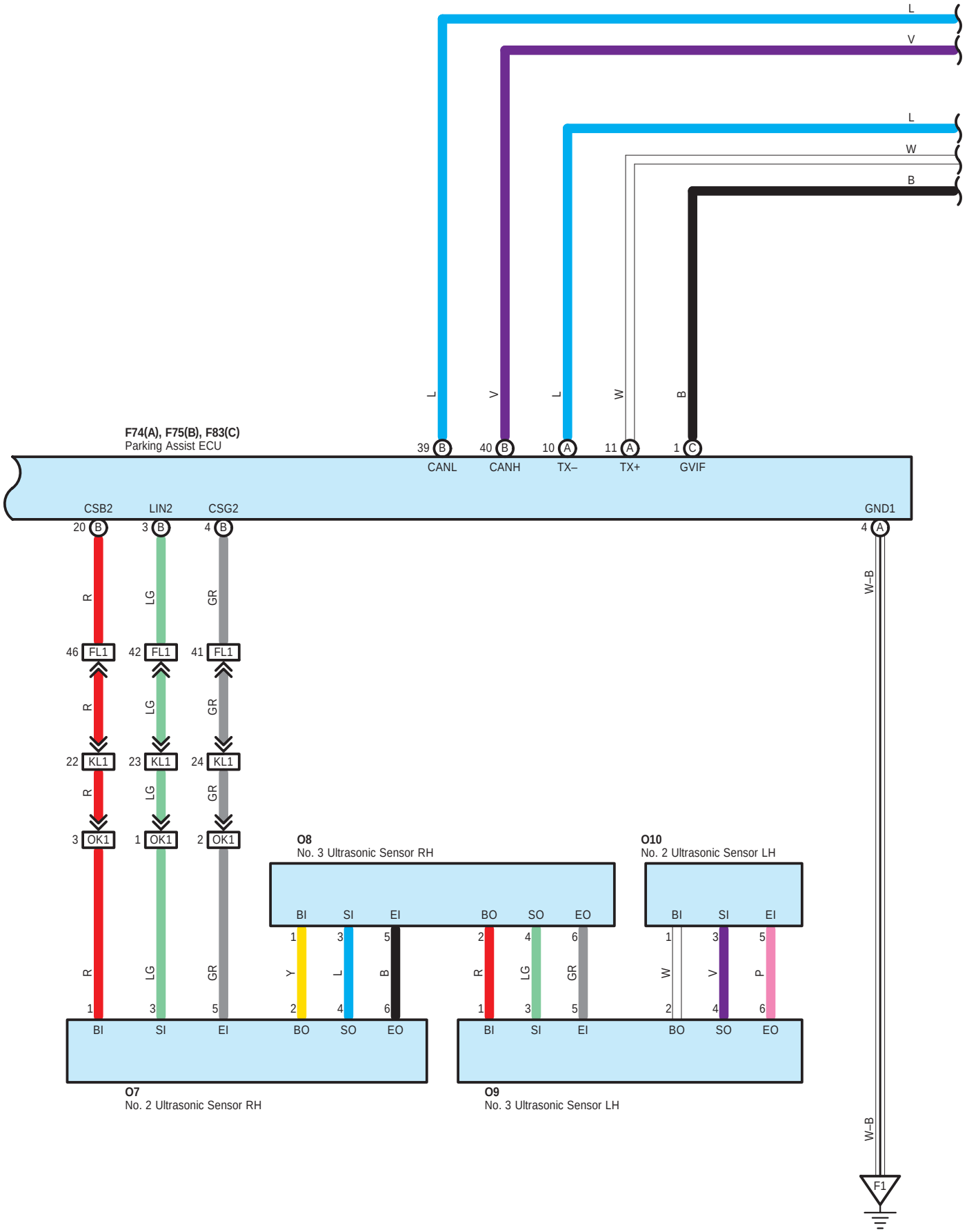


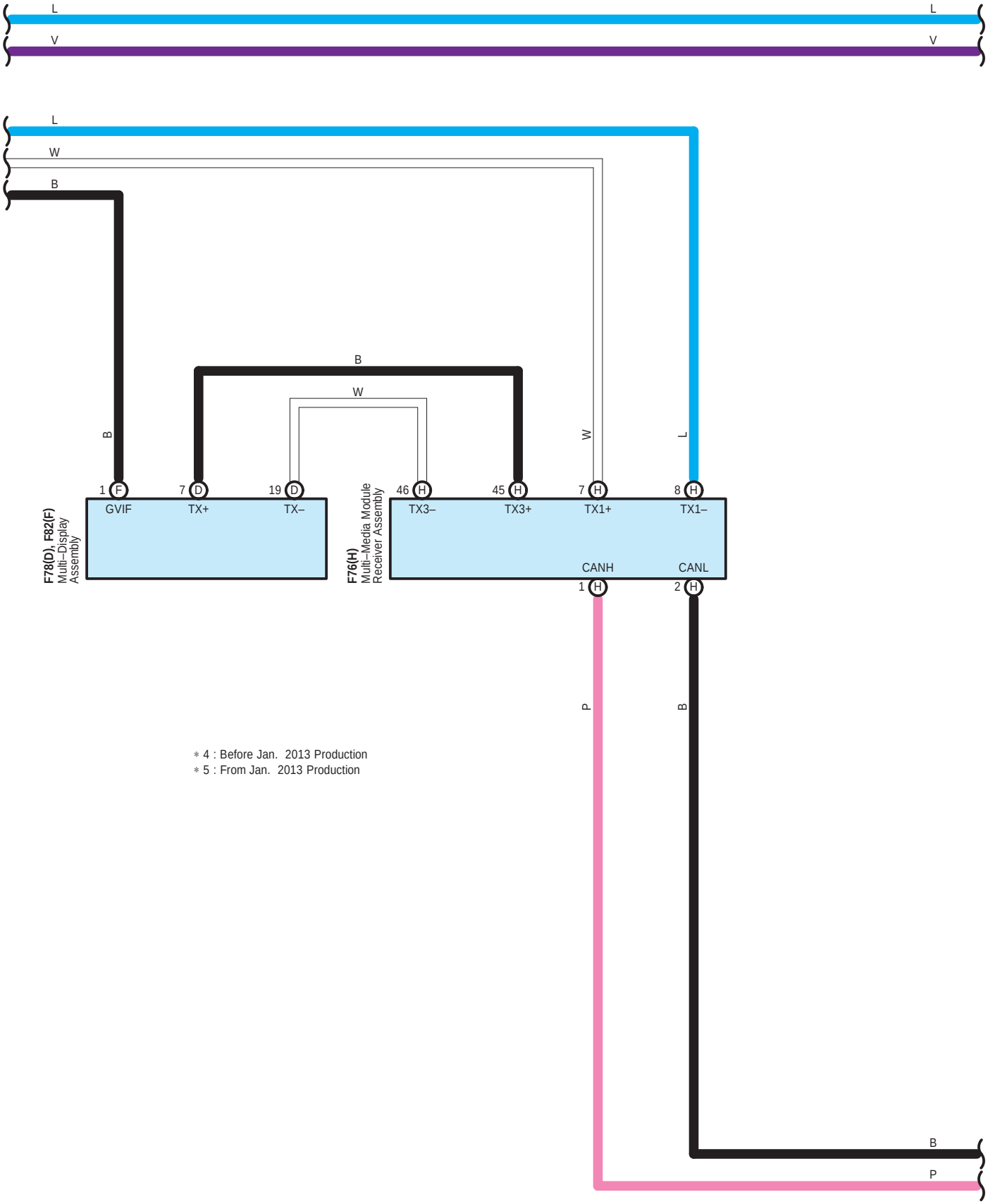

E2(B)
Main Body ECU
BCTY
RET
E95(B)
Outer Mirror Switch Assembly
MR
(BAT)
10A RAD NO. 1
(ACC)
7. 5A ACC
E61
Junction Connector
F79
Junction Connector
F20
Junction Connector
MPOS
+B
ACC
F74(A), F75(B), F83(C)
Parking Assist ECU
CB+
CV–
CV+
CGND
S19
Back Door Lock Assembly
Courtesy
CTY
E
S1
Back Door Lock Assembly
ACT–
S25
Junction Connector
S15
Junction Connector
S5
Rear Television Camera Assembly
K2

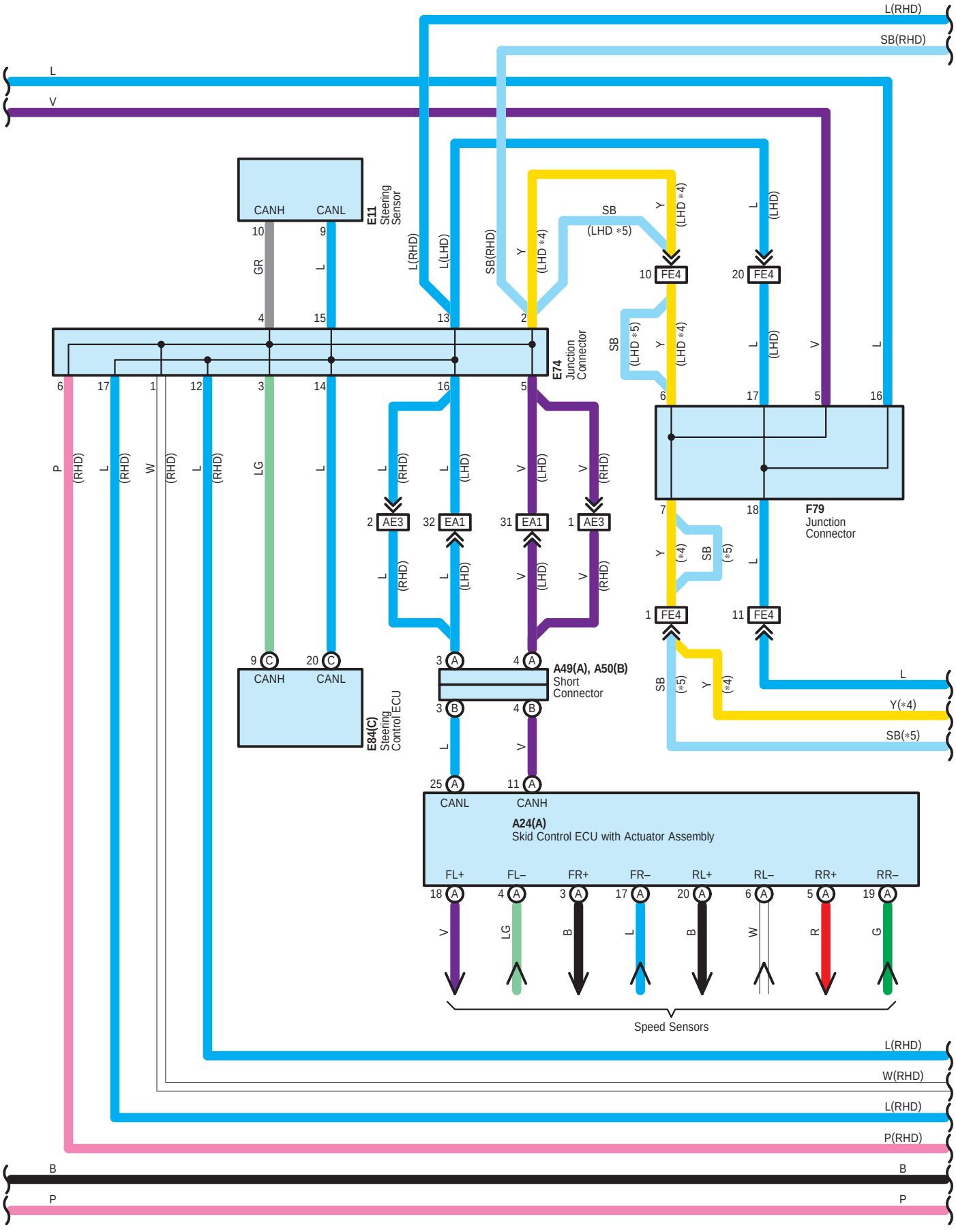

∗ 1 : Shielded
∗ 2 : w/ Power Back Door
∗ 3 : w/o Power Back Door
∗ 4 : Before Jan. 2013 Production
∗ 5 : From Jan. 2013 Production
(IG)
5A
ECU–IG
No. 1
4 2E
56 2D
ECU 5
Sonar
Switch
6 IG
ECU 7
Change Over
Switch
E97
Main Switch Assembly
8 FE6
44
E61
Junction
Connector
94
9
F79
Junction
Connector
10
8 A
IG
F74(A), F75(B), F83(C)
Parking Assist ECU
4 FE3
4 FE1
7 B
BLSW
25 B
CSSW
BCB+
BCV+
BCV–
BGND
DCB+
DCV+
DCV–
DGND
11 B
12 B
36 B
35 B
28 B
30 B
31 B
29 B
(∗1)
14 FE3
13 FE3
12 FE3
15 FE3
22 FE7
23 FE7
20 FE7
21 FE7
64 EA1
63 EA1
71 EA1
70 EA1
13 IE4
13 IE1
2 IE4
2 IE1
1 IE4
1 IE1
12 IE4
12 IE1
(LHD)
(RHD)
1
2
4
3
2 A
2 B
1 A
1 B
12 A
12 B
13 A
13 B
(LHD)
(RHD)
DCB+
SCB+
DCV+
SCV+
DCV–
SCV–
DGND(LHD)
SGND(RHD)
Side Television Camera
A43
Front Television Camera Assembly
I36(A)
Outer Rear View Mirror Assembly LH
I33(B)
Outer Rear View Mirror Assembly RH

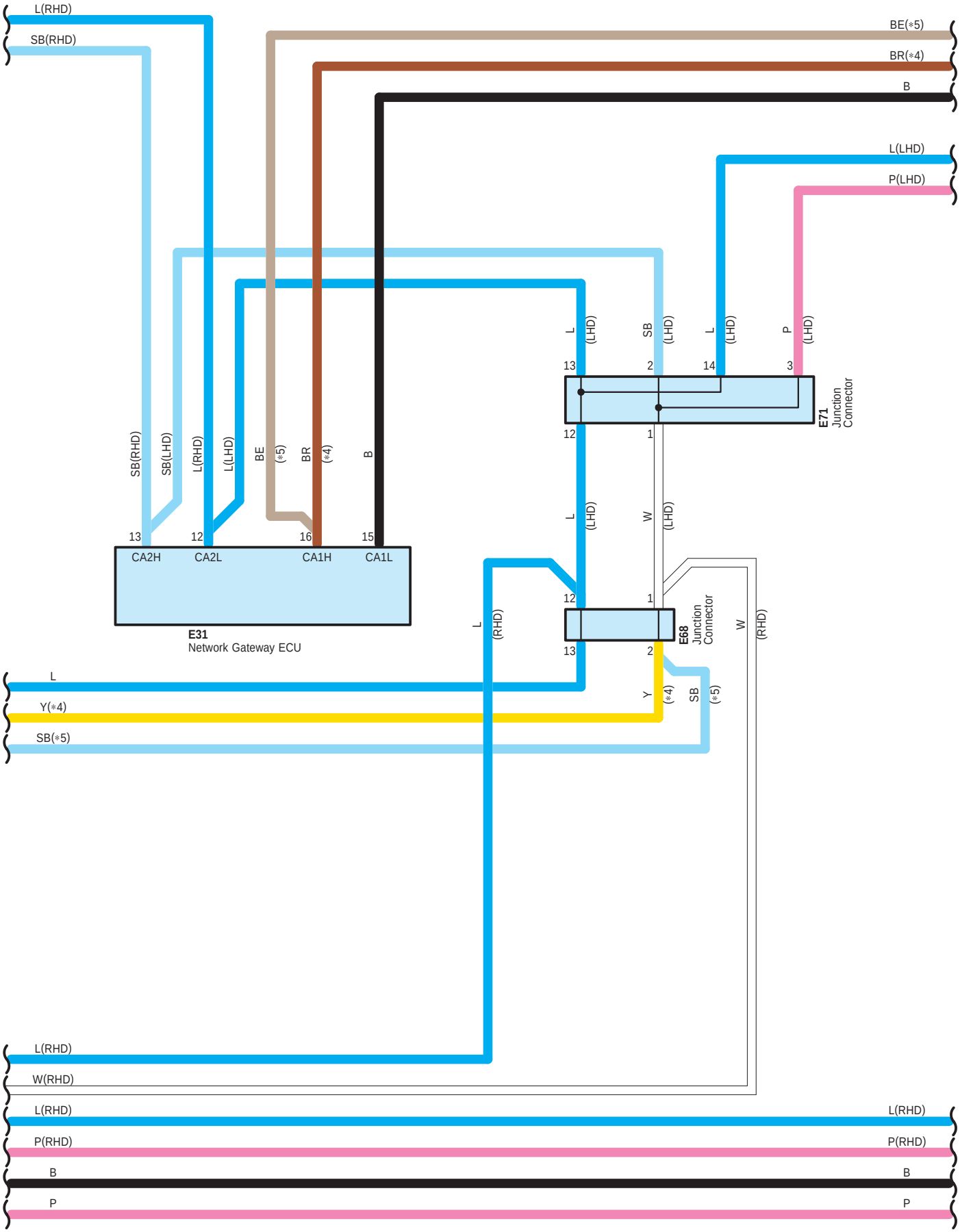

E10
No. 1 Clearance Warning Buzzer
Z+
Z–
1
2
G
L
12 FE1
3 FE1
7 A BBZ
6 A EF
F74(A), F75(B), F83(C)
Parking Assist ECU
SCB+
SCV+
SCV–
SGND
CSB1
LIN1
CSG1
32 B
10 B
34 B
33 B
5 B
23 B
6 B
(*1)
B
R
W
GR
LG
11 FE7
18 FE7
19 FE7
10 FE7
6 FE3
2 FE3
3 FE3
13 IE1
13 IE4
2 IE1
2 IE4
1 IE1
1 IE4
12 IE1
12 IE4
(LHD)
(RHD)
10 AE3
9 AE3
8 AE3
4 AA3
6 AA3
5 AA3
1 BA1
4 BA1
7 BA1
2 A
2 B
1 A
1 B
12 A
12 B
13 A
13 B
SCB+ SCV+ SCV– SGND(LHD)
DCB+ DCV+ DCV– DGND(RHD)
Side Television Camera
I34(A)
Outer Rear View Mirror Assembly RH
I35(B)
Outer Rear View Mirror Assembly LH
B5
No. 1 Ultrasonic Sensor RH
BI
SI
EI
P
L
V
BO
SO
EO
B6
No. 1 Ultrasonic Sensor LH

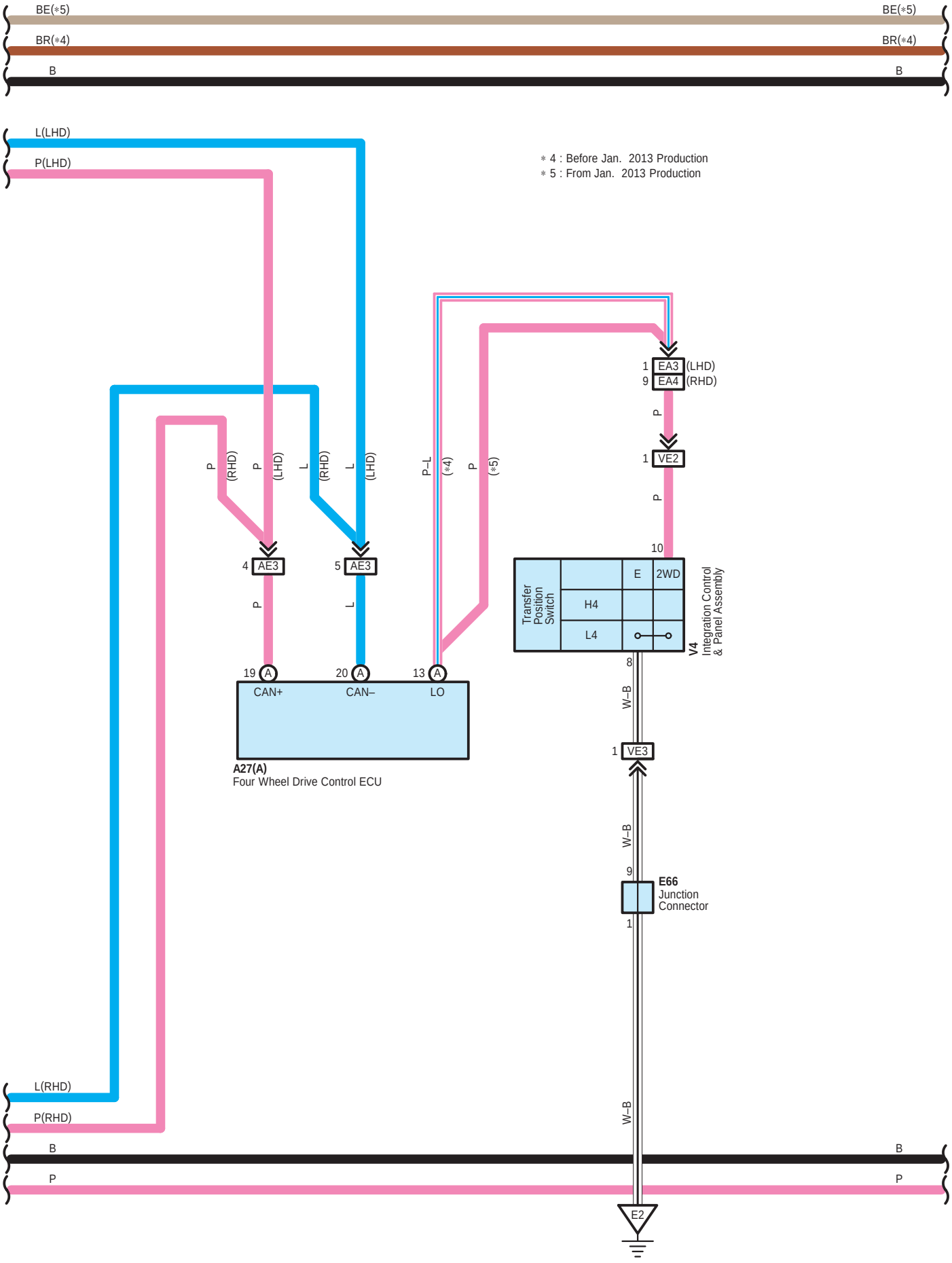
∗ 1 : Shielded

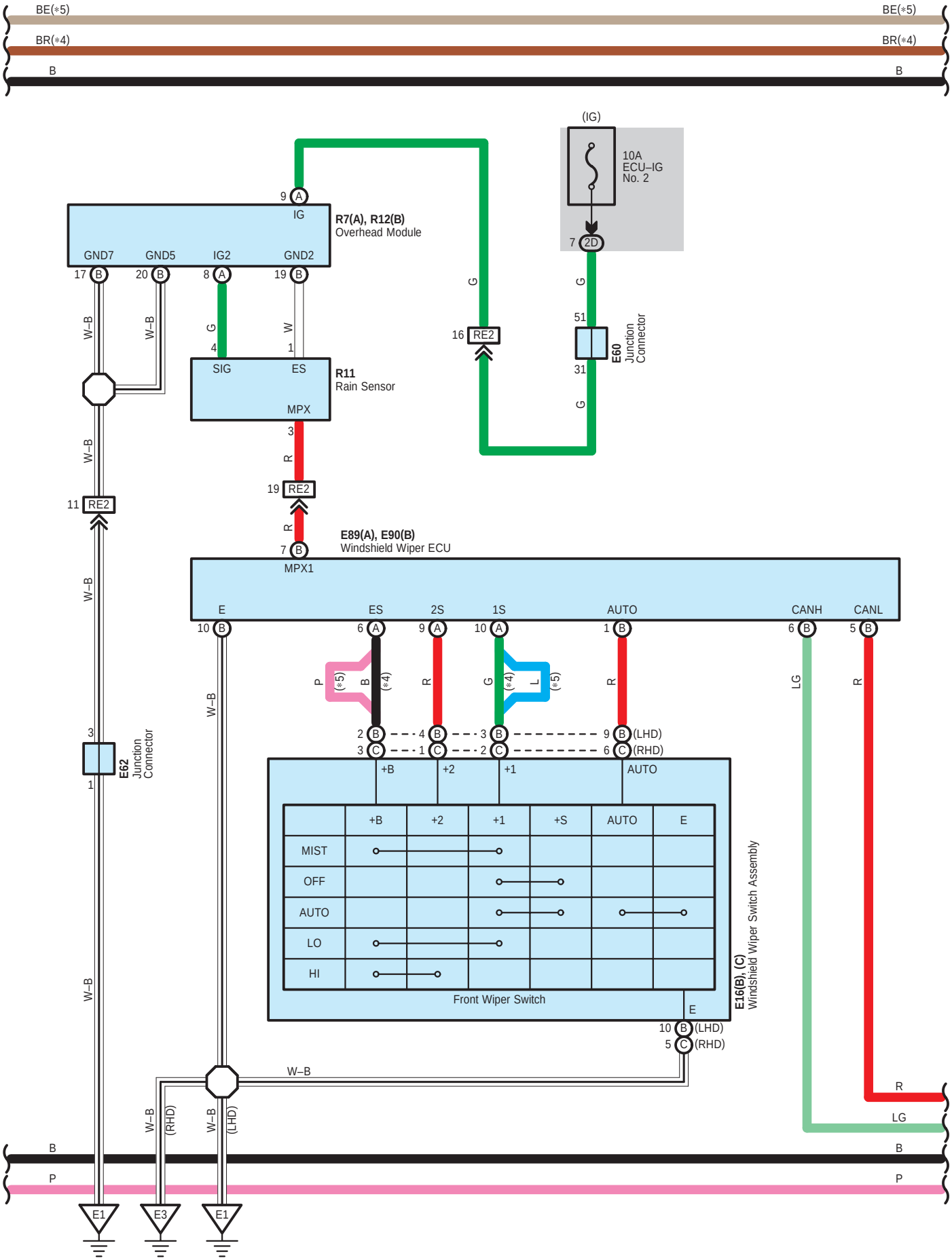

L
V
L
W
B
F74(A), F75(B), F83(C)
Parking Assist ECU
39 B CANL
40 B CANH
10 A TX–
11 A TX+
1 C GVIF
CSB2
LIN2
CSG2
GND1
20 B
3 B
4 B
4 A
R
LG
GR
W–B
46 FL1
42 FL1
41 FL1
22 KL1
23 KL1
24 KL1
3 OK1
1 OK1
2 OK1
O8
No. 3 Ultrasonic Sensor RH
O10
No. 2 Ultrasonic Sensor LH
BI SI EI BO SO EO
Y
L
B
W
V
P
O7
No. 2 Ultrasonic Sensor RH
O9
No. 3 Ultrasonic Sensor LH
F1

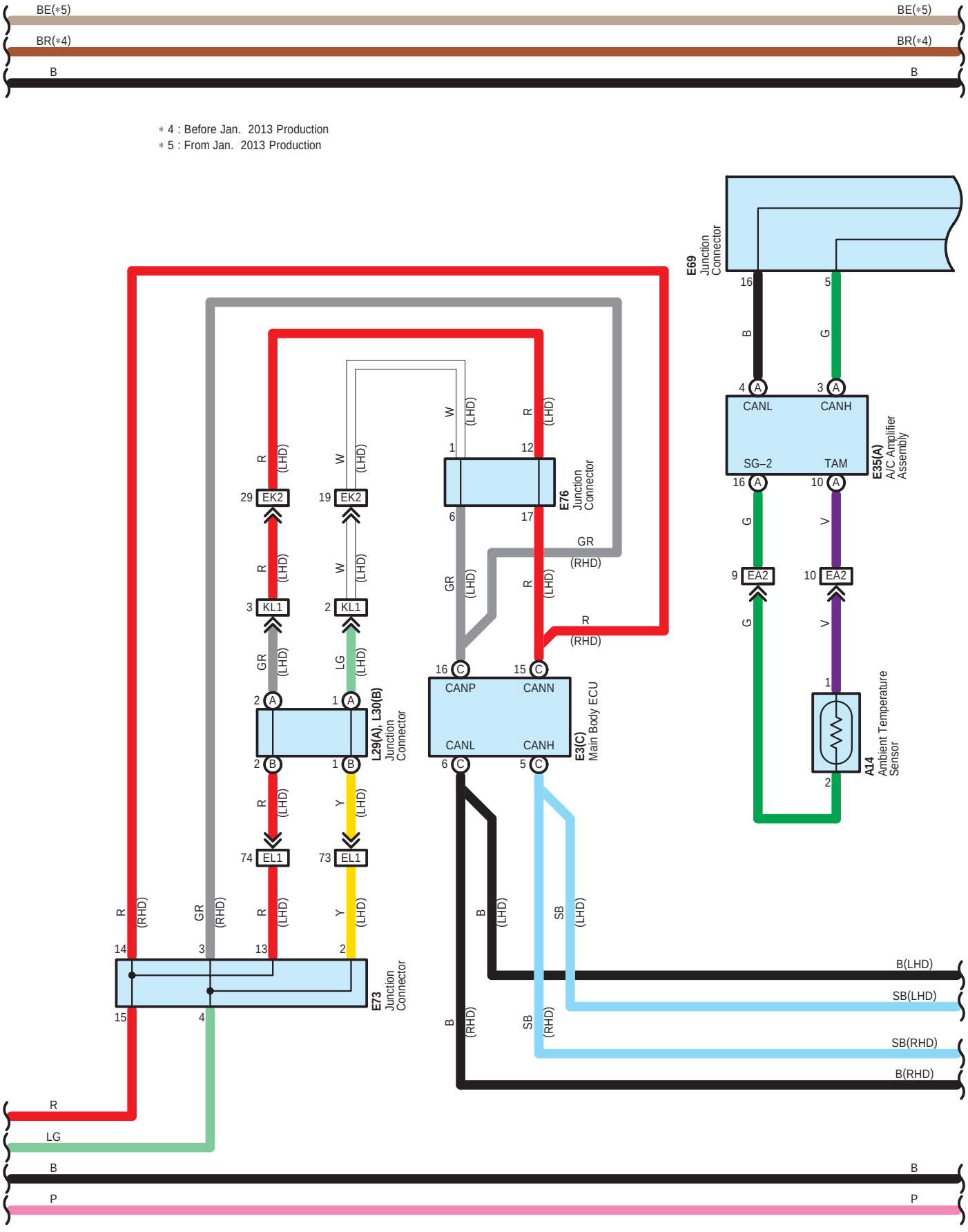

L
V
L
V
L
W
B
B
W
B
W
L
1 F
GVIF
7 D
TX+
19 D
TX–
F78(D), F82(F)
Multi–Display
Assembly
46 H
TX3–
45 H
TX3+
7 H
TX1+
8 H
TX1–
F76(H)
Multi–Media Module
Receiver Assembly
CANH
1 H
CANL
2 H
P
B
B
P
∗ 4 : Before Jan. 2013 Production
∗ 5 : From Jan. 2013 Production

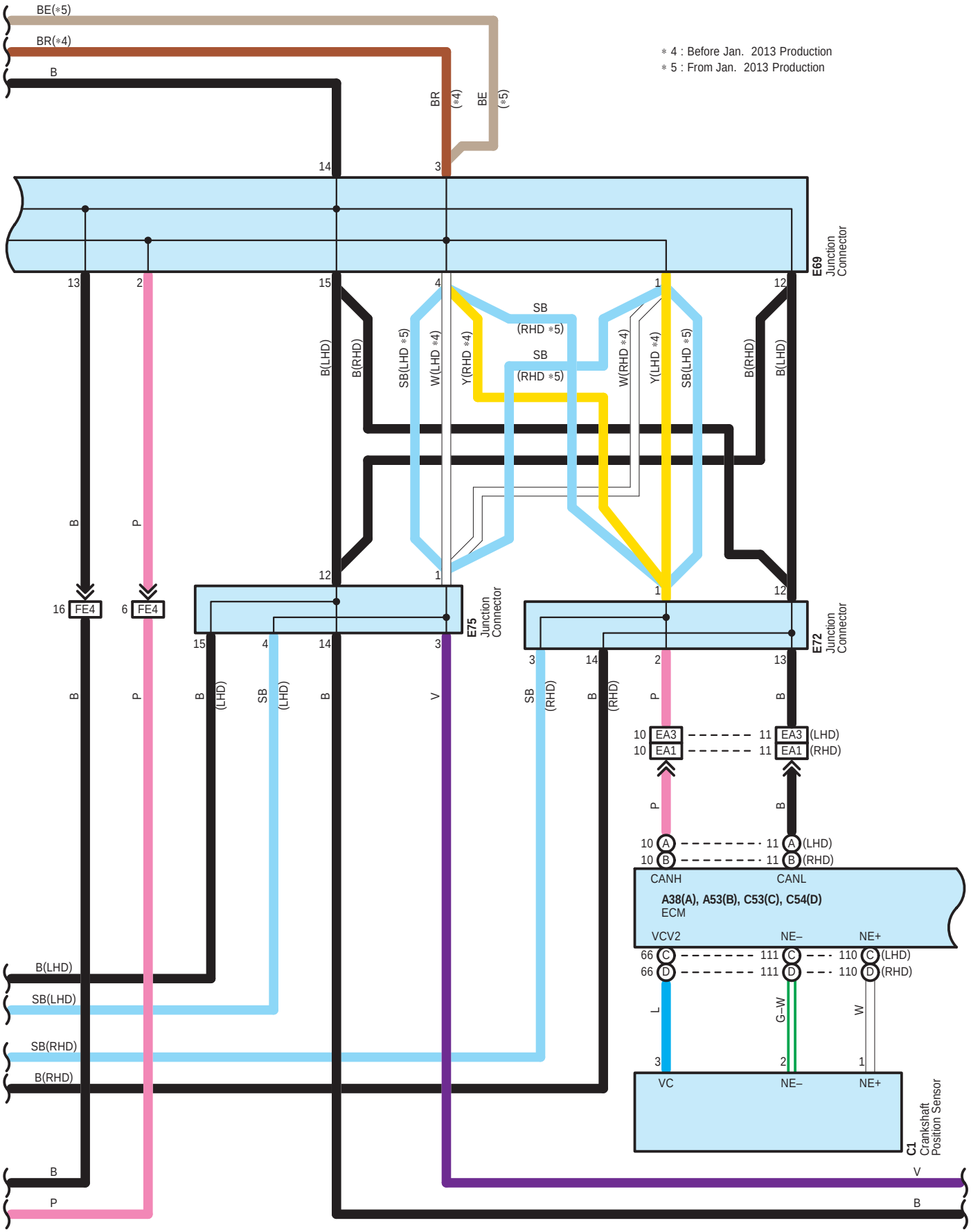

L(RHD)
SB(RHD)
L
V
CANH
CANL
E11
Steering
Sensor
10
9
GR
L
4
15
13
2
L(RHD)
L(LHD)
SB(RHD)
Y
(LHD ∗4)
SB
(LHD ∗5)
10 FE4
20 FE4
L
(LHD)
E74
Junction
Connector
6
17
1
12
3
14
16
5
P
(RHD)
L
(RHD)
W
(RHD)
L
(RHD)
LG
L
L
(RHD)
L
(LHD)
V
(LHD)
V
(RHD)
2 AE3
32 EA1
31 EA1
1 AE3
L
(RHD)
L
(LHD)
V
(LHD)
V
(RHD)
7
18
F79
Junction
Connector
Y
(∗4)
SB
(∗5)
1 FE4
11 FE4
9 C
20 C
CANH
CANL
E84(C)
Steering
Control ECU
3 A
4 A
A49(A), A50(B)
Short
Connector
3 B
4 B
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
L(RHD)
W(RHD)
L(RHD)
P(RHD)
B
P
B
P

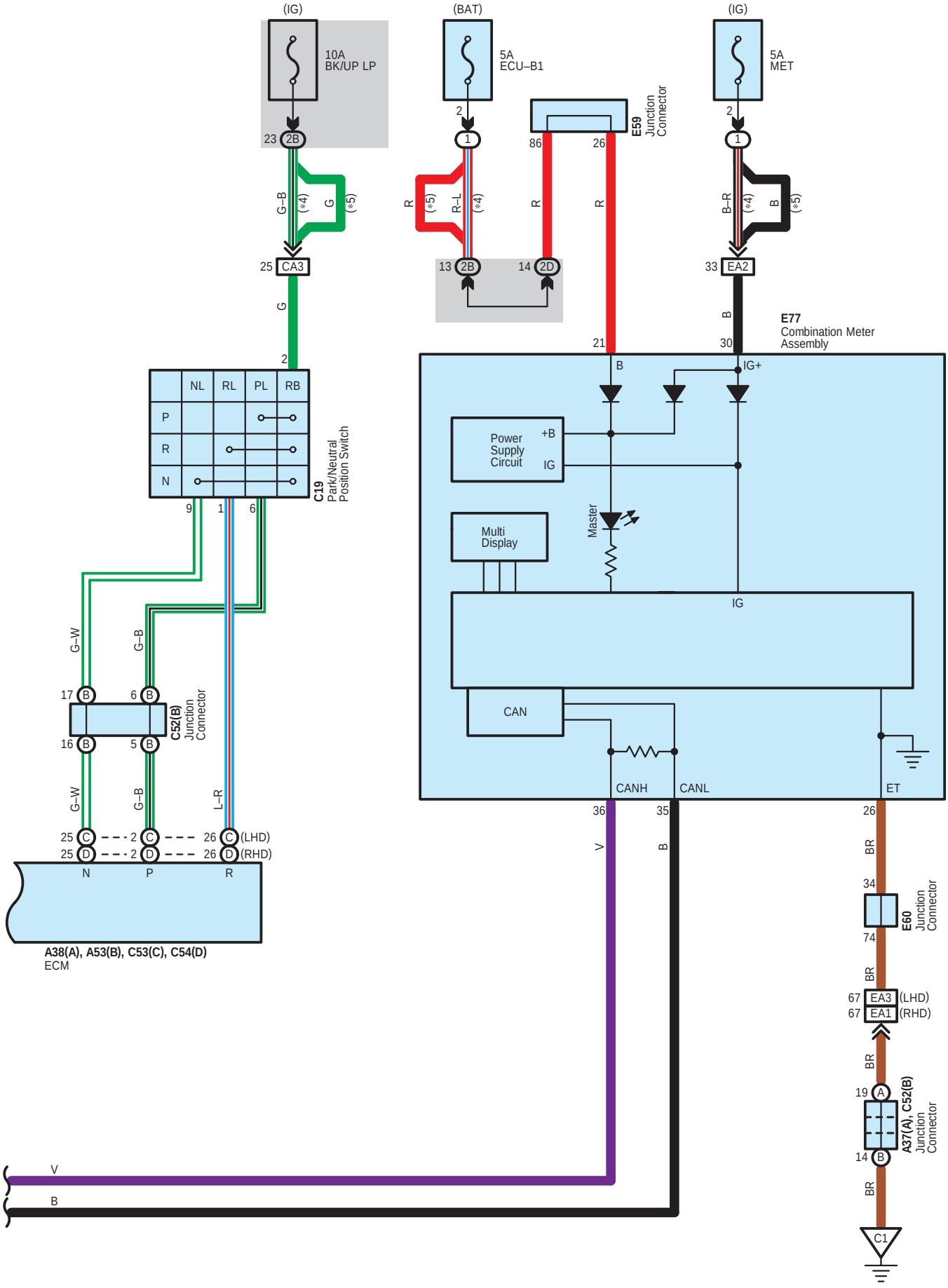

L(RHD)
SB(RHD)
BE(*5)
BR(*4)
B
L(LHD)
P(LHD)
SB(RHD)
SB(LHD)
L(RHD)
L(LHD)
BE
(*5)
BR
(*4)
B
13
12
16
15
CA2H
CA2L
CA1H
CA1L
E31
Network Gateway ECU
L
(LHD)
SB
(LHD)
L
(LHD)
P
(LHD)
13
2
14
3
12
1
E71
Junction
Connector
L
(LHD)
W
(LHD)
12
1
13
2
E68
Junction
Connector
L
(RHD)
W
(RHD)
Y
(*4)
SB
(*5)
L
Y(*4)
SB(*5)
L(RHD)
W(RHD)
L(RHD)
P(RHD)
B
P
L(RHD)
P(RHD)
B
P


BE(*5)
BR(*4)
B
BE(*5)
BR(*4)
B
L(LHD)
P(LHD)
* 4 : Before Jan. 2013 Production
* 5 : From Jan. 2013 Production
1 EA3 (LHD)
9 EA4 (RHD)
P
1 VE2
P
10
P (RHD)
P (LHD)
L (RHD)
L (LHD)
P–L (*4)
P (*5)
4 AE3
5 AE3
P
L
19 A
20 A
13 A
CAN+
CAN–
LO
A27(A)
Four Wheel Drive Control ECU
Transfer Position Switch
E
2WD
H4
L4
V4
Integration Control & Panel Assembly
8
W–B
1 VE3
W–B
9
E66
Junction Connector
1
W–B
L(RHD)
P(RHD)
B
P
B
P
E2


BE(*5)
BR(*4)
B
(IG)
10A
ECU–IG
No. 2
R7(A), R12(B)
Overhead Module
IG
GND7
GND5
IG2
GND2
R11
Rain Sensor
SIG
ES
MPX
RE2
Junction
Connector
E60
E62
E89(A), E90(B)
Windshield Wiper ECU
MPX1
E
ES
2S
1S
AUTO
CANH
CANL
(LHD)
(RHD)
+B
+2
+1
+S
MIST
OFF
LO
HI
Front Wiper Switch
E16(B), (C)
Windshield Wiper Switch Assembly
W–B
G
W
R
P
LG
L
E1
E3


BE(*5)
BR(*4)
B
BE(*5)
BR(*4)
B
* 4 : Before Jan. 2013 Production
* 5 : From Jan. 2013 Production
E69 Junction Connector
16
5
B
G
4 A
CANL
3 A
CANH
SG–2
TAM
E35(A) A/C Amplifier Assembly
16 A
10 A
G
V
9 EA2
10 EA2
G
V
1
2
A14 Ambient Temperature Sensor
E76 Junction Connector
1
12
6
17
W (LHD)
R (LHD)
GR (RHD)
GR (LHD)
R (LHD)
R (RHD)
29 EK2
19 EK2
R (LHD)
W (LHD)
3 KL1
2 KL1
GR (LHD)
LG (LHD)
2 A
1 A
2 B
1 B
L29(A), L30(B) Junction Connector
R (LHD)
Y (LHD)
74 EL1
73 EL1
16 C
15 C
CANP
CANN
CANL
CANH
6 C
5 C
E3(C) Main Body ECU
R (RHD)
GR (RHD)
R (LHD)
Y (LHD)
14
3
13
2
15
4
E73 Junction Connector
B (LHD)
SB (LHD)
B (RHD)
SB (RHD)
B(LHD)
SB(LHD)
SB(RHD)
B(RHD)
R
LG
B
P
B
P

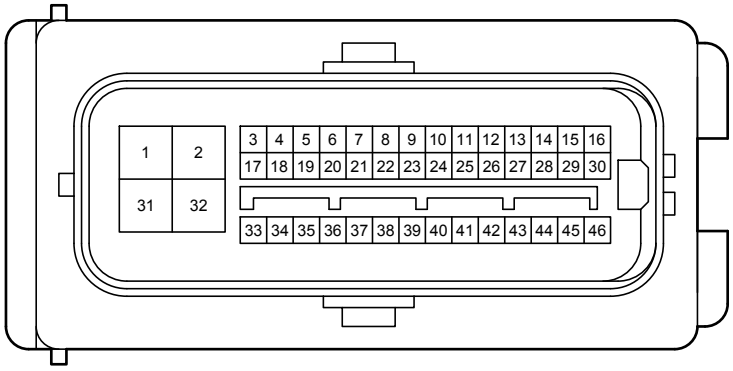

∗ 4 : Before Jan. 2013 Production
∗ 5 : From Jan. 2013 Production
BE(∗5)
BR(∗4)
B
BR (∗4)
BE (∗5)
E69 Junction Connector
B(LHD)
B(RHD)
SB(LHD ∗5)
W(LHD ∗4)
Y(RHD ∗4)
SB (RHD ∗5)
SB (RHD ∗5)
W(RHD ∗4)
Y(LHD ∗4)
SB(LHD ∗5)
B(RHD)
B(LHD)
16 FE4
6 FE4
E75 Junction Connector
E72 Junction Connector
10 EA3
10 EA1
11 EA3 (LHD)
11 EA1 (RHD)
10 A
10 B
11 A (LHD)
11 B (RHD)
CANH
CANL
A38(A), A53(B), C53(C), C54(D)
ECM
VCV2
NE–
NE+
66 C
66 D
111 C
111 D
110 C (LHD)
110 D (RHD)
L
G–W
W
VC
NE–
NE+
C1 Crankshaft Position Sensor
B(LHD)
SB(LHD)
SB(RHD)
B(RHD)
B
P
V
B


(IG)
10A
BK/UP LP
23 2B
G–B (*4)
G (*5)
25 CA3
G
2
NL RL PL RB
P
R
N
C19
Park/Neutral
Position Switch
9 1 6
G–W
G–B
17 B 6 B
16 B 5 B
C52(B)
Junction
Connector
G–W
G–B
L–R
25 C 2 C 26 C (LHD)
25 D 2 D 26 D (RHD)
N P R
A38(A), A53(B), C53(C), C54(D)
ECM
(BAT)
5A
ECU–B1
2
1
R (*5)
R–L (*4)
13 2B 14 2D
E59
Junction
Connector
86 26
R
R
21
(IG)
5A
MET
2
1
B–R (*4)
B (*5)
33 EA2
B
30
E77
Combination Meter
Assembly
B
IG+
Power
Supply
Circuit
+B
IG
Multi
Display
Master
IG
CAN
CANH
CANL
ET
36
35
V
B
26
BR
34
E60
Junction
Connector
74
BR
67 EA3 (LHD)
67 EA1 (RHD)
BR
19 A
A37(A), C52(B)
Junction
Connector
14 B
BR
C1
V
B

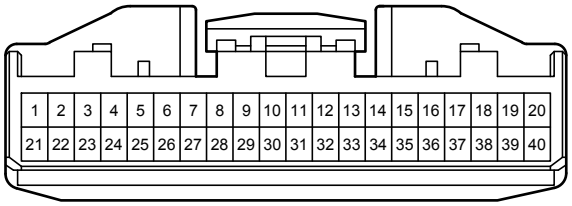
A 14
Black



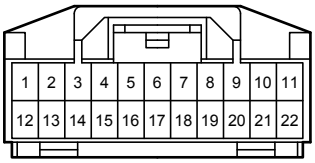

A 24
Black



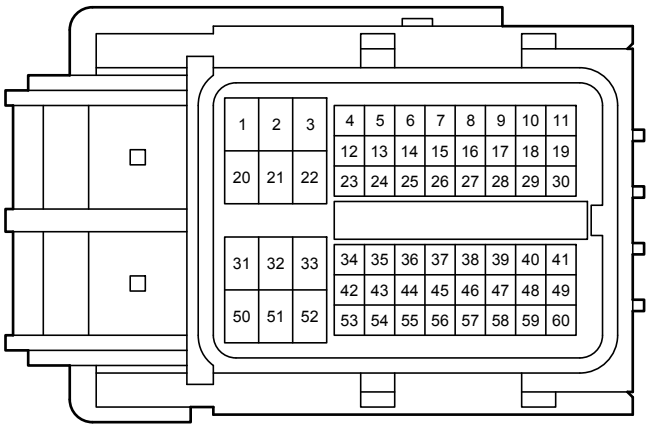

A 27
Black



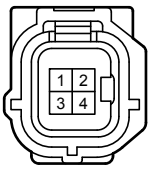

A 37
Blue




A 38
Black



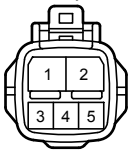

A 43
Black



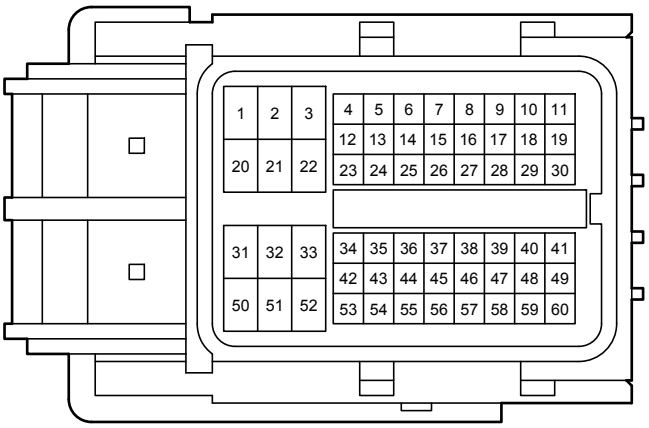

A 49
Gray



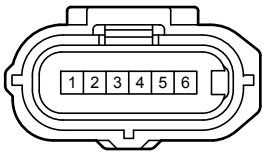

A 50
Gray



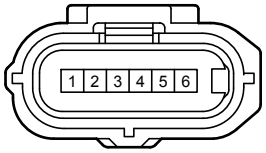

A 53
Black



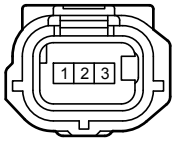

B 5
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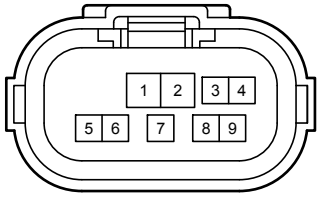
B 6
Black



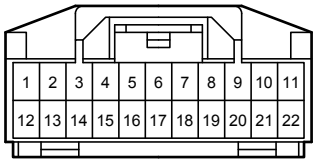

C 1
Black



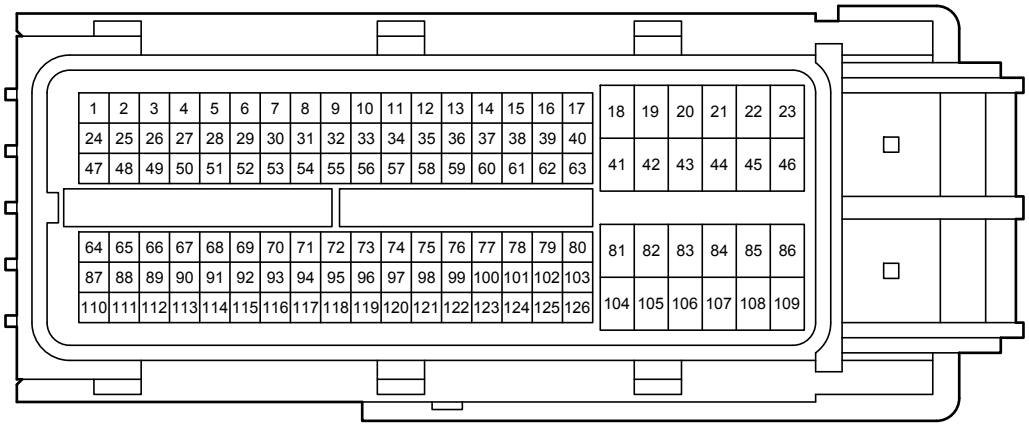

C 19
Gray



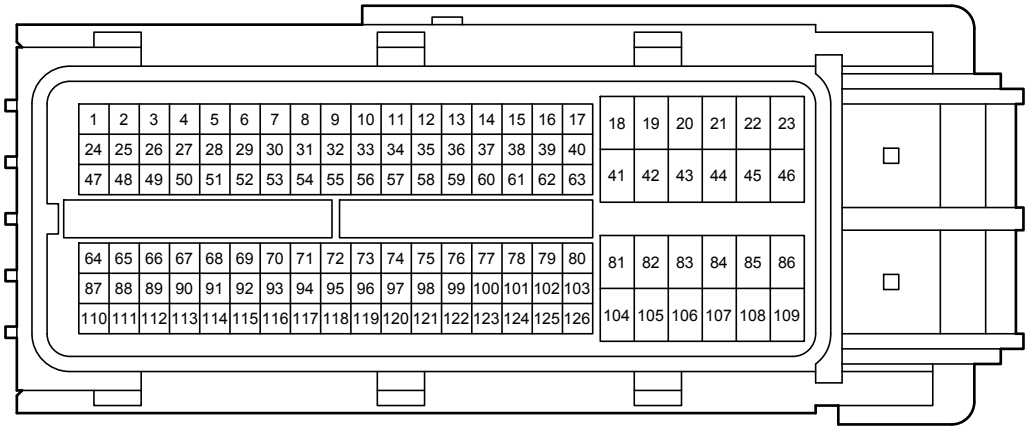

C 52
Blue



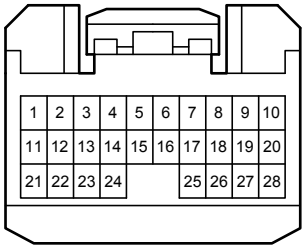

C 53
Black



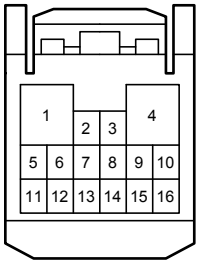

C 54
Black



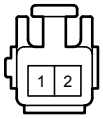
E 2
White



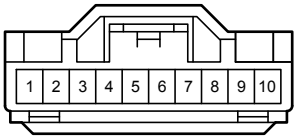

E 3
White



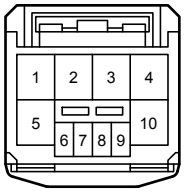

E 10
Black



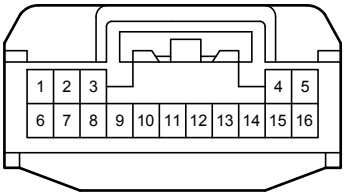

E 11
Gray



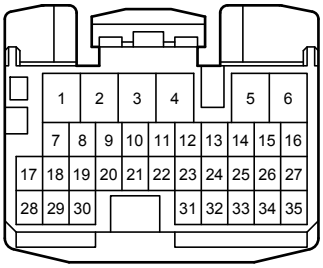

E 16
White



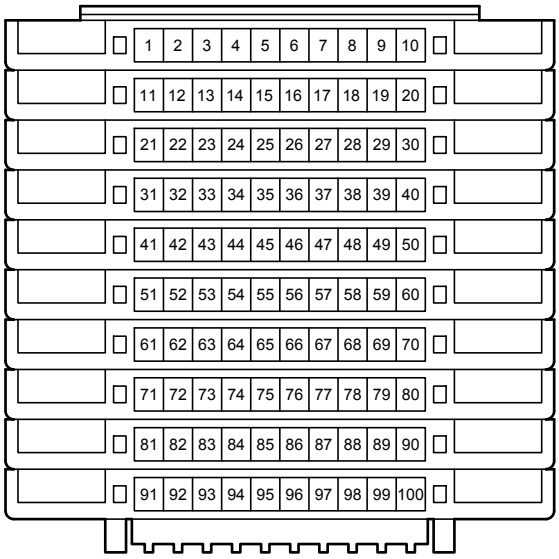

E 31
White



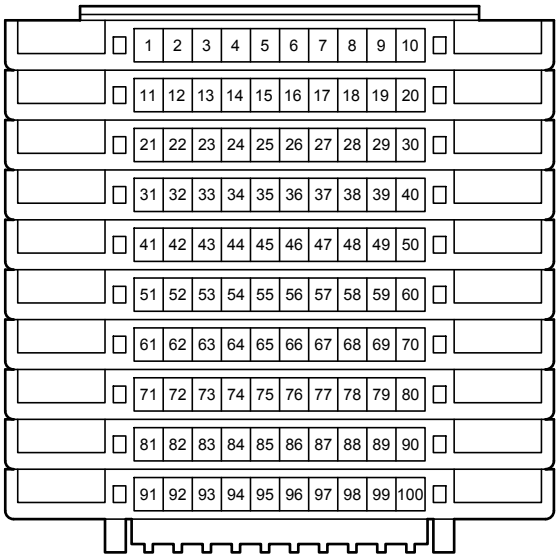

E 35
White



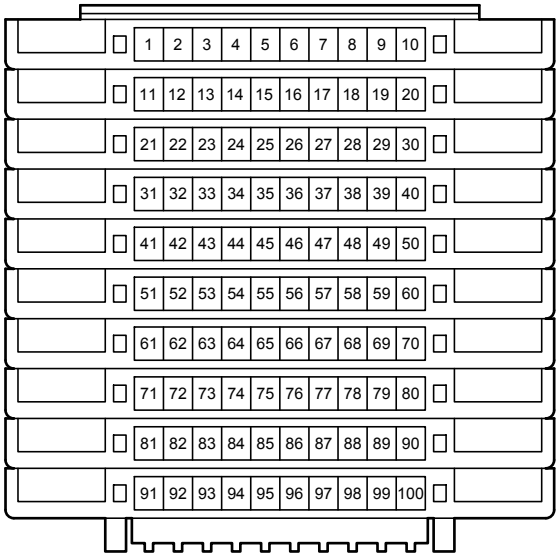

E 59
White



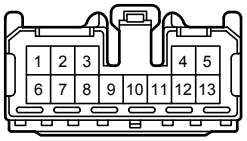

E 60
White



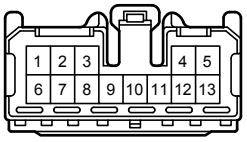
E 61
White



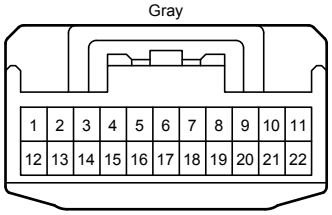

E 62
White



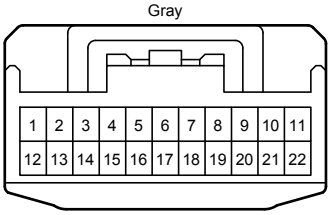

E 66
White



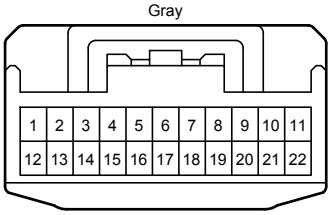

E 68
Gray



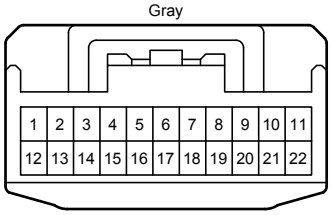

E 69
Gray



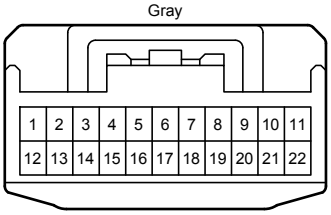

E 71
Gray



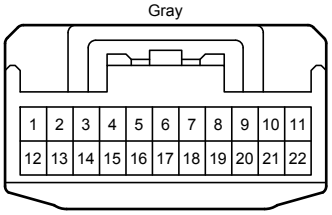

E 72
Gray



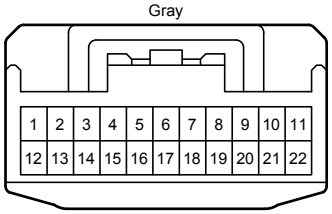

E 73
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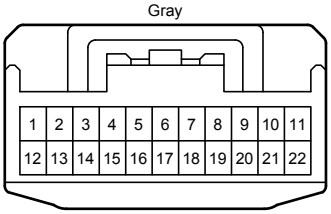

E 74
Gray



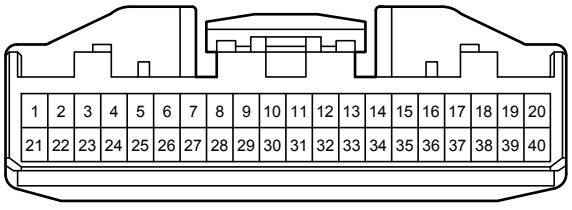

E 75
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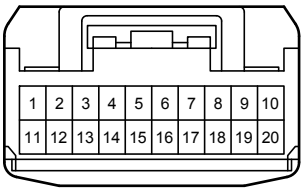

E 76
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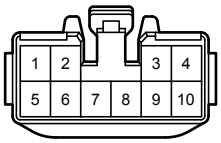

E 77
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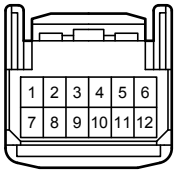

E 84
White



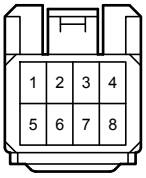

E 89
Blue



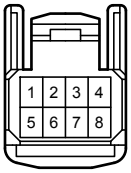
E 90
White



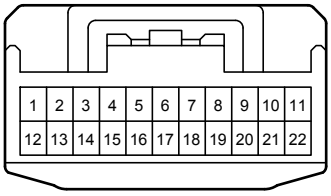

E 95
White



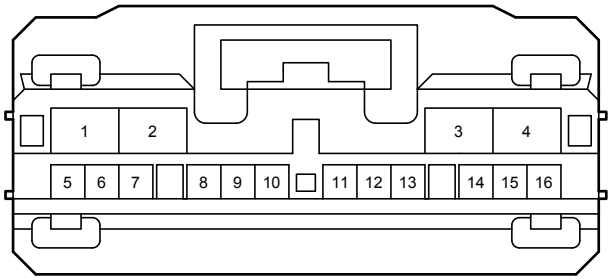

E 97
Black



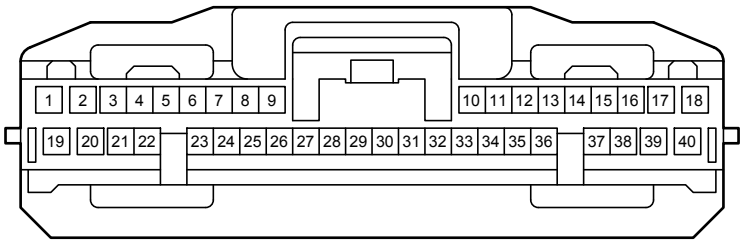

F 20
Gray



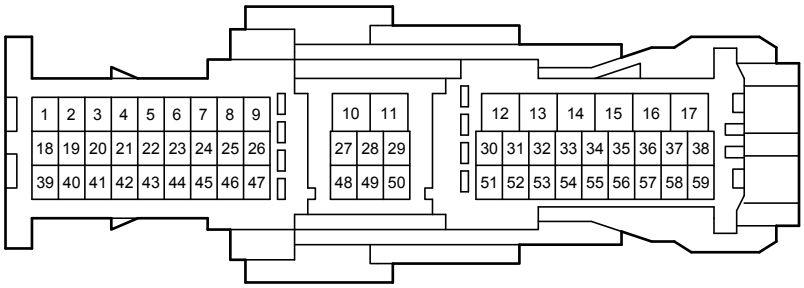

F 74
White



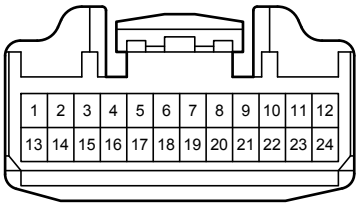

F 75
Black



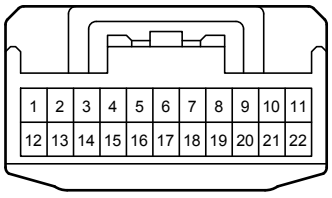

F 76
White




F 78
White



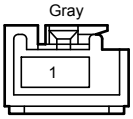

F 79
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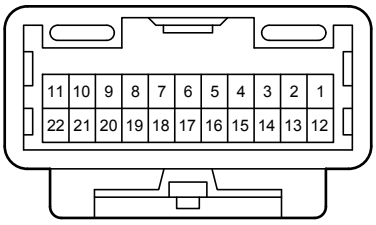

F 82
White



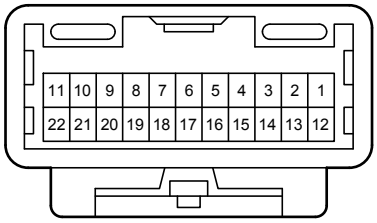

F 83
Gray



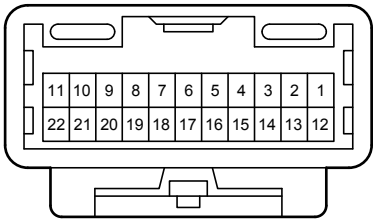

I 33
White



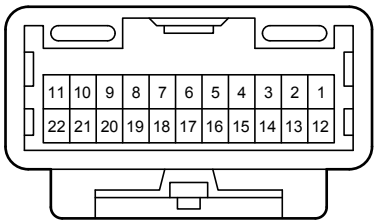
I 34
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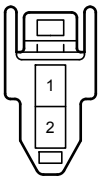

I 35
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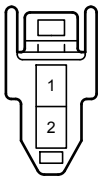

I 36
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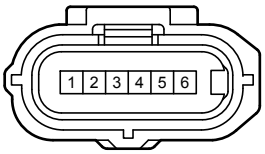

L 29
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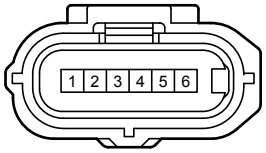

L 30
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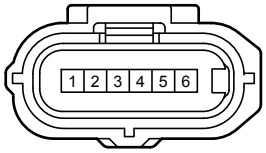

O 7
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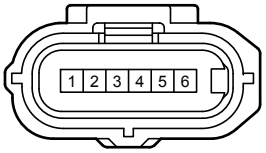

O 8
Black



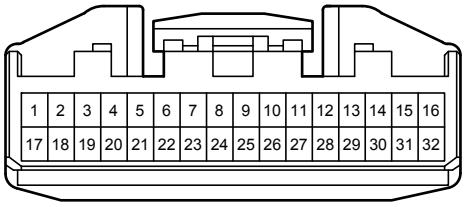

O 9
Black



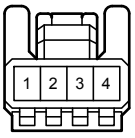

O 10
Black



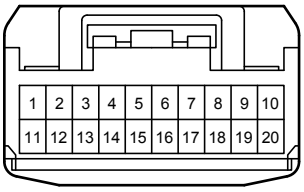

R 7
White



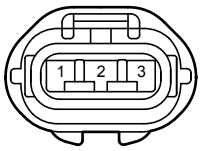

R 11
Black



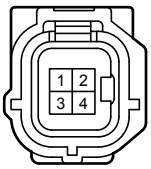

R 12
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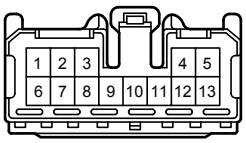

S 1
Black



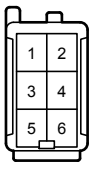

S 5
Black




S 15
White



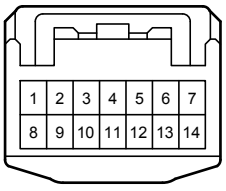

S 19
Black



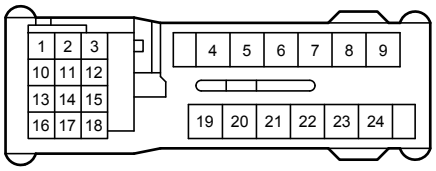

S 25
Dark Gray

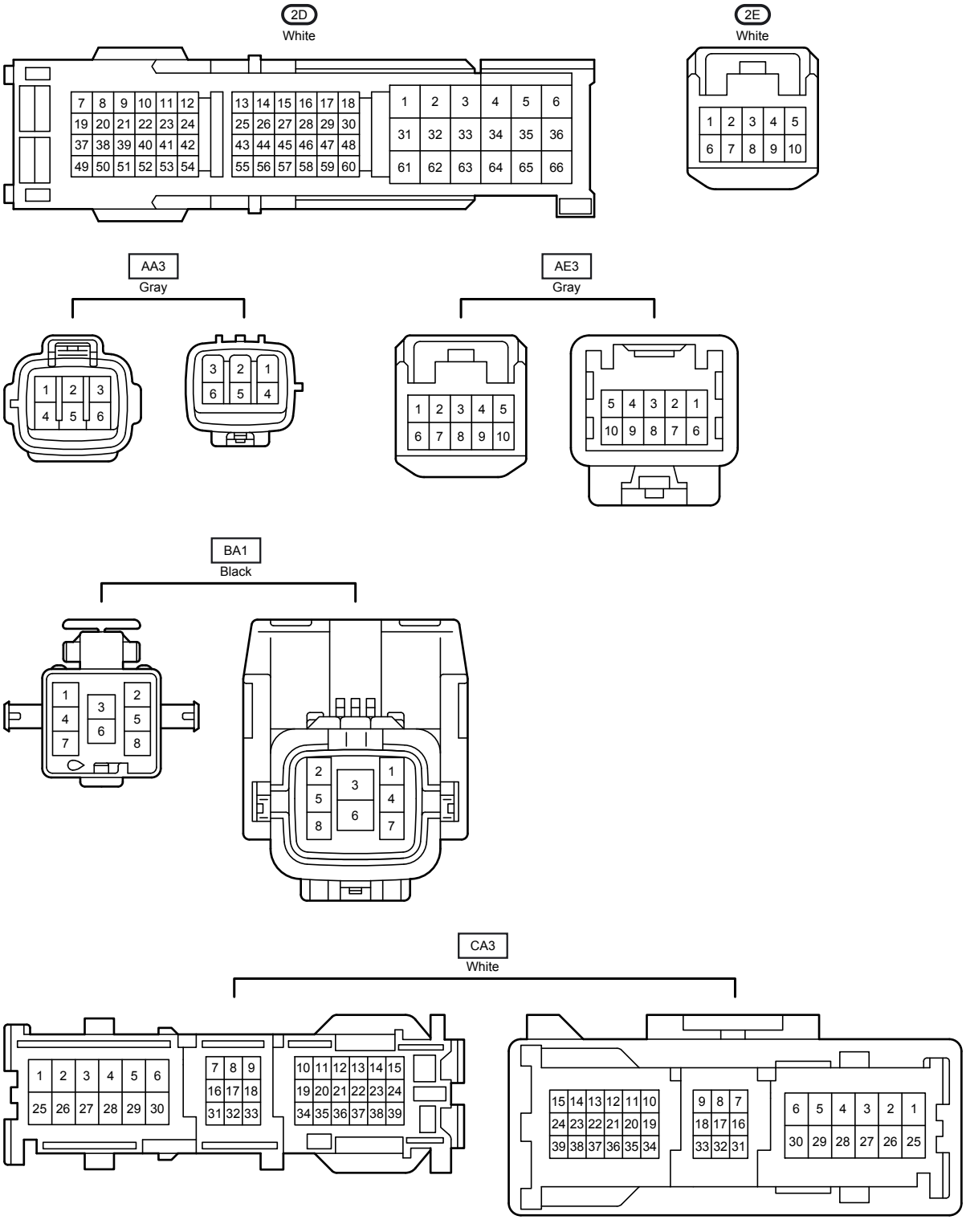



V 4
White



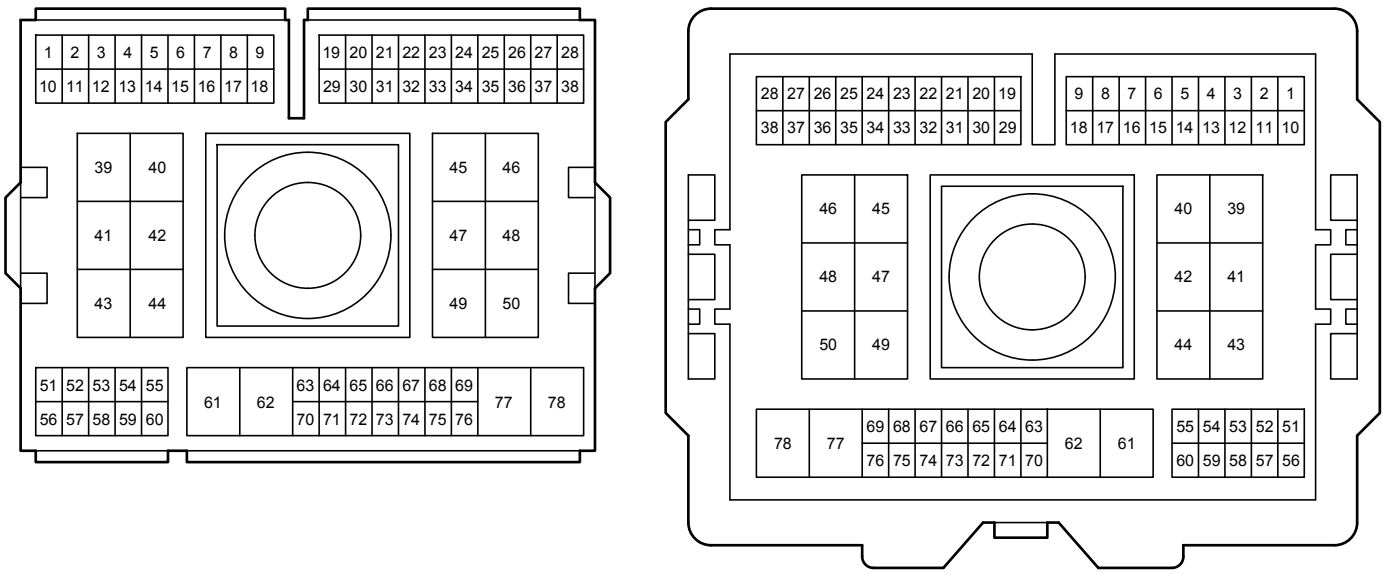

2B
White




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

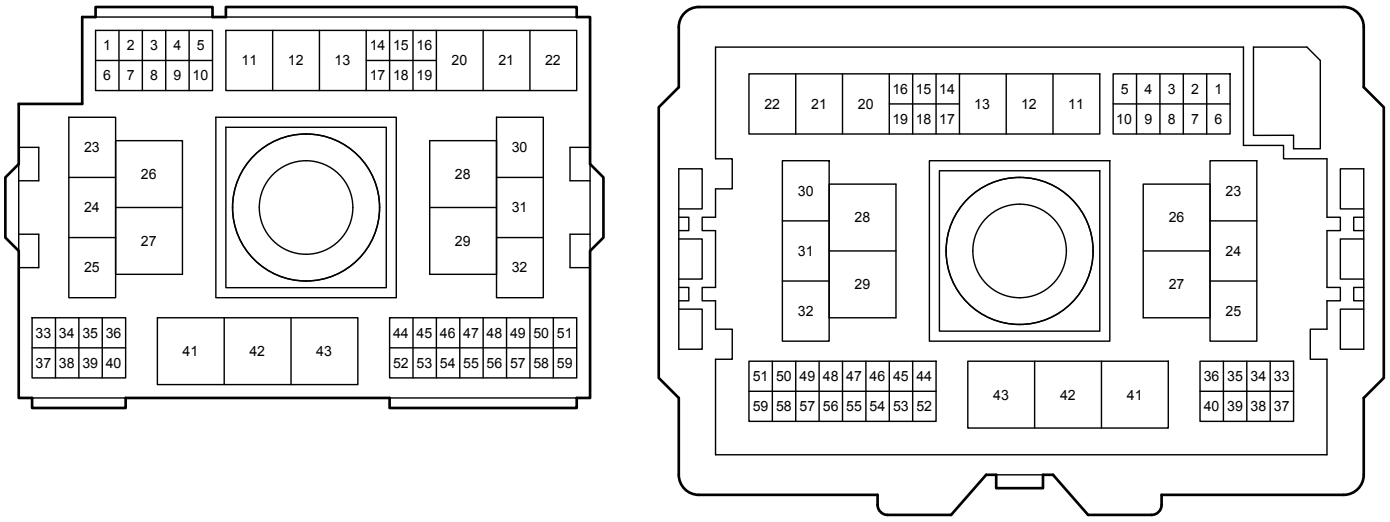
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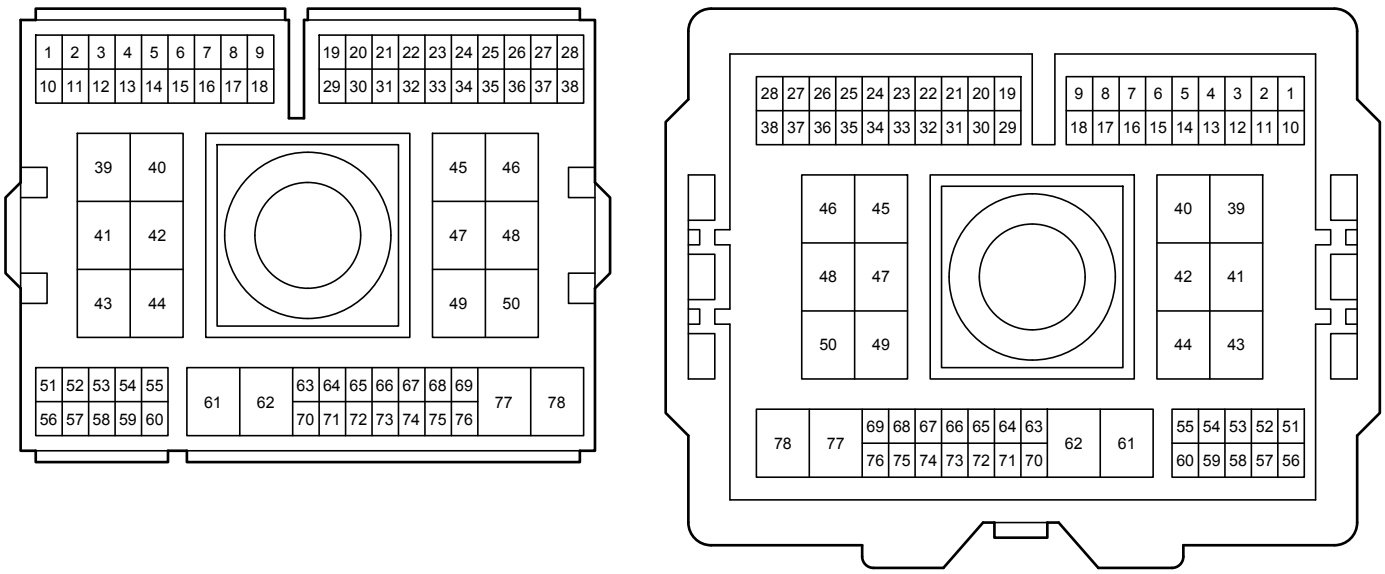

EA2

White

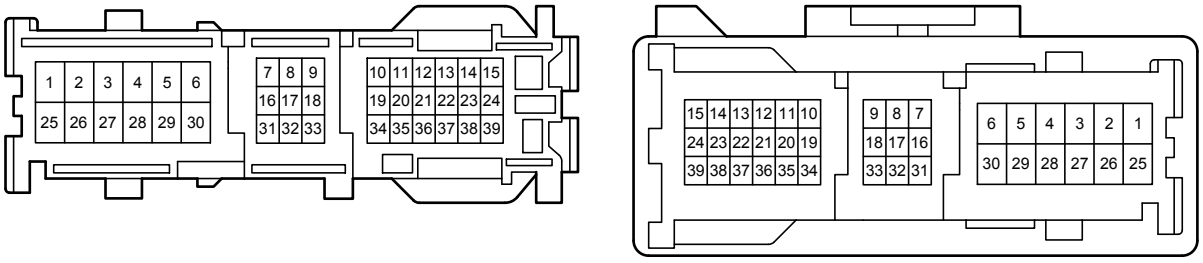
Gray



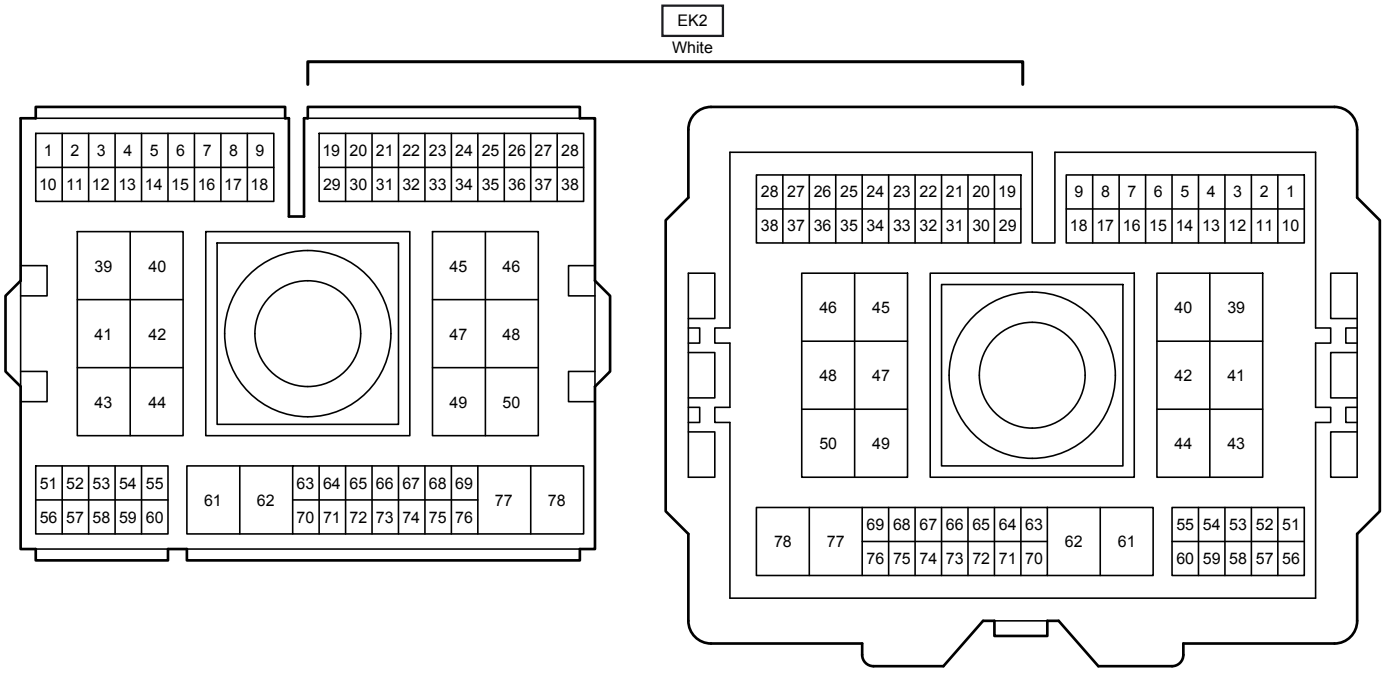
EA3
White



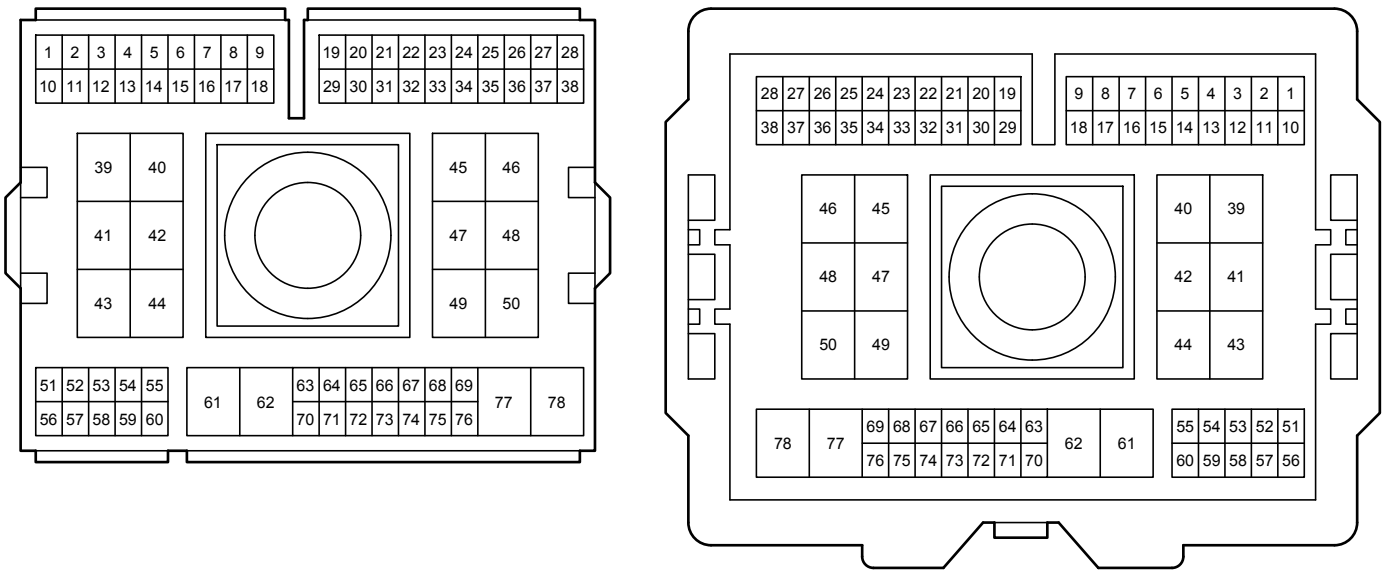

EA4
White



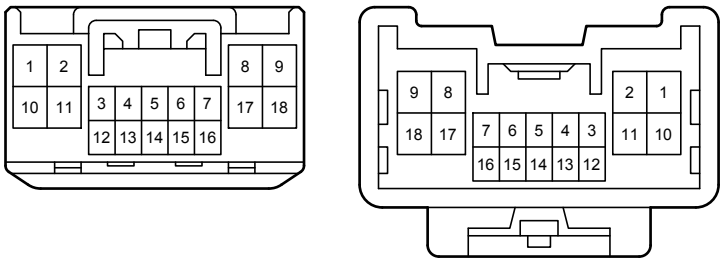

EK2
White



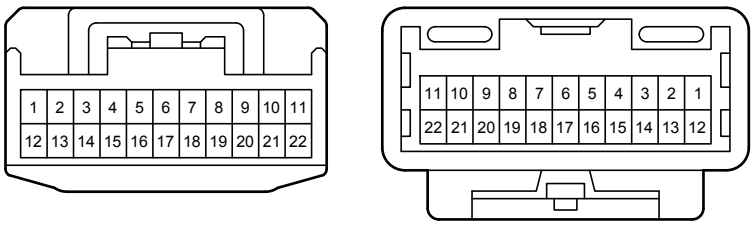
EL1
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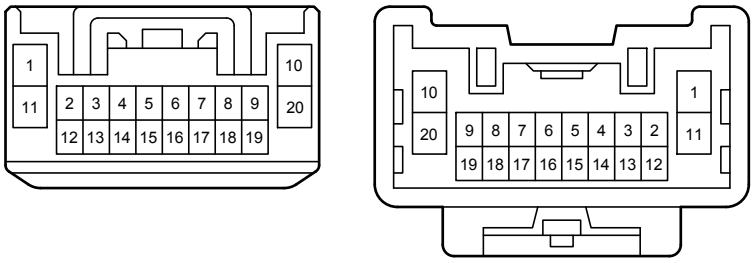

FE1
White



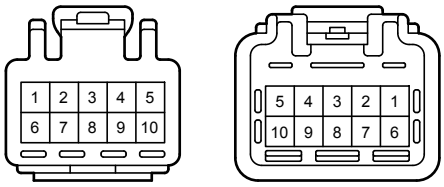

FE3
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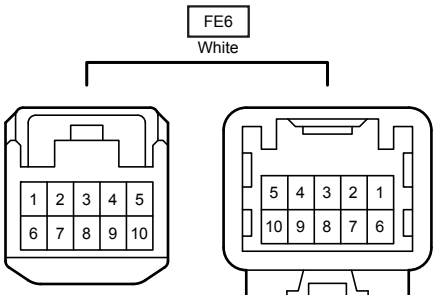


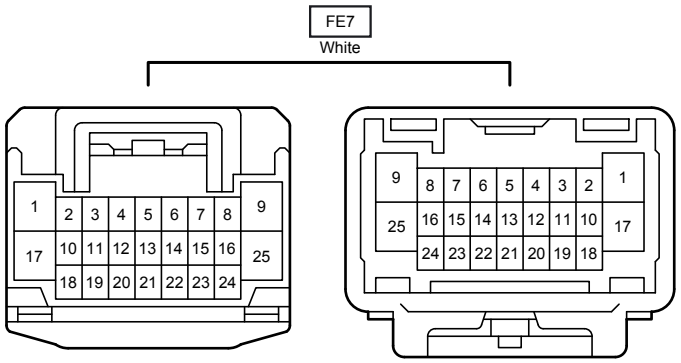

FE4
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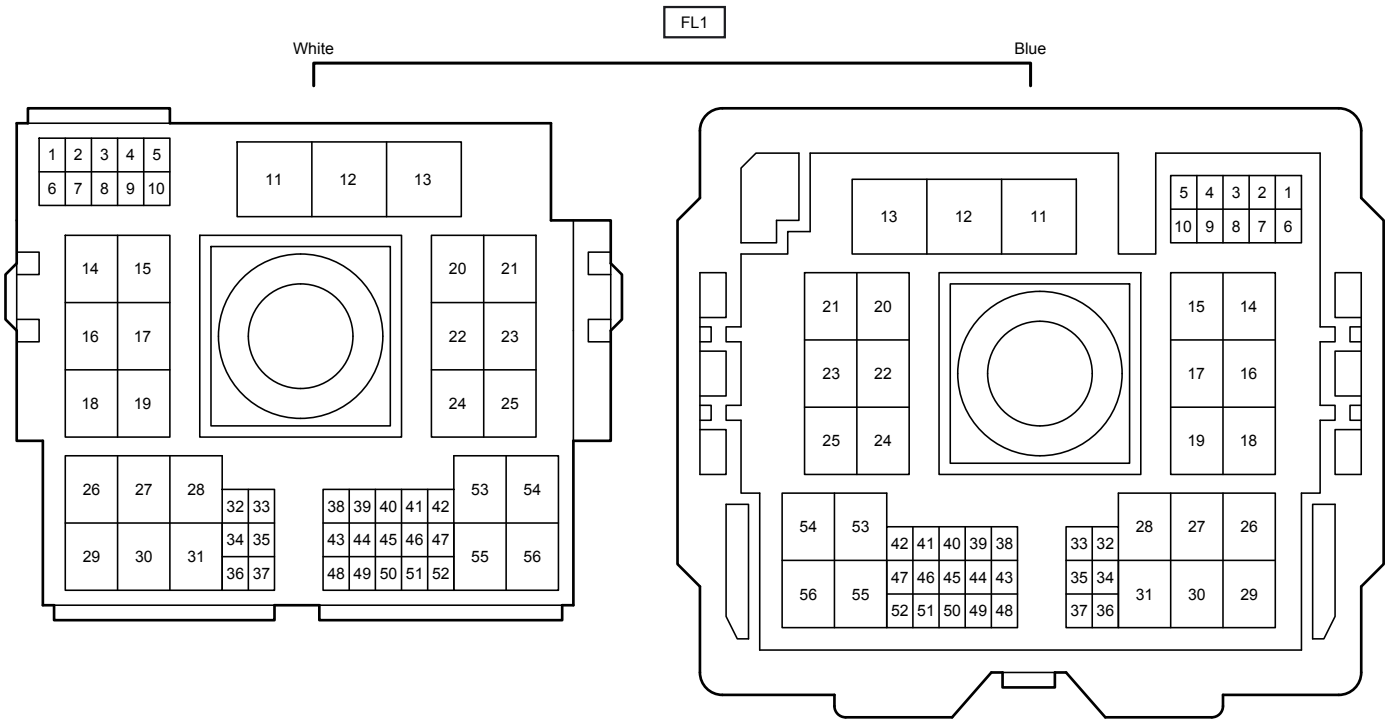


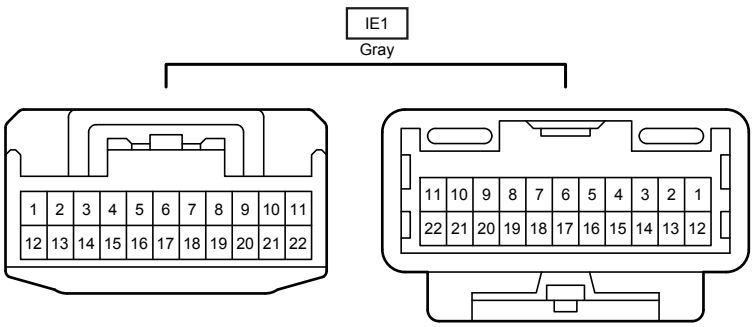

FE5
White

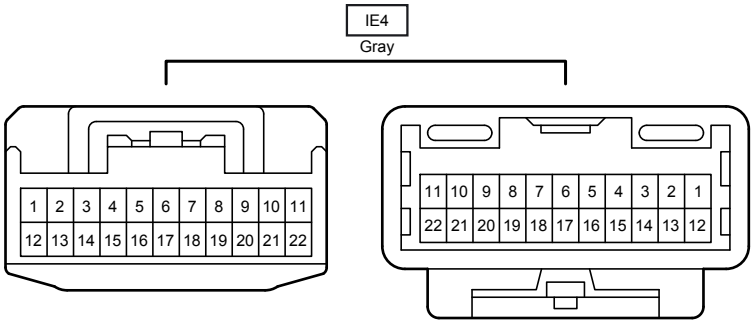


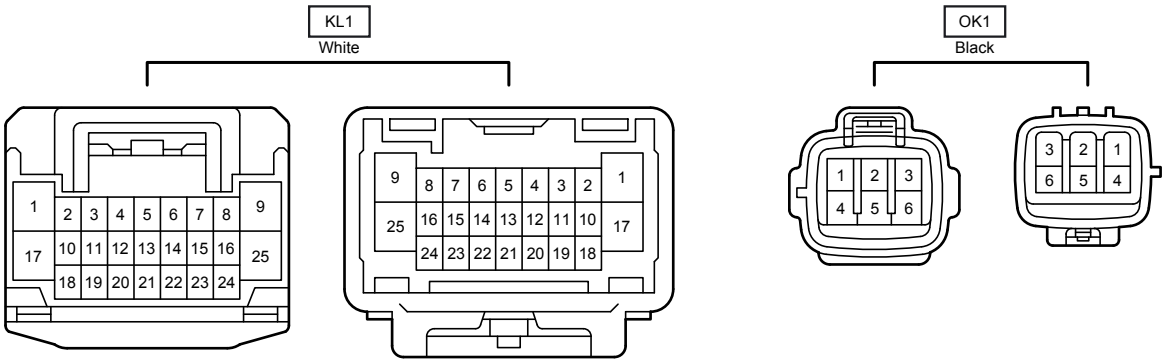

FE6
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

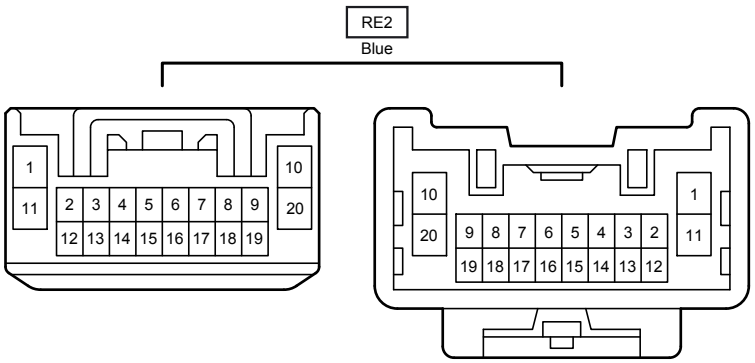

FE7
White
1 2 3 4 5 6 7 8 9
17 10 11 12 13 14 15 16 25
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18

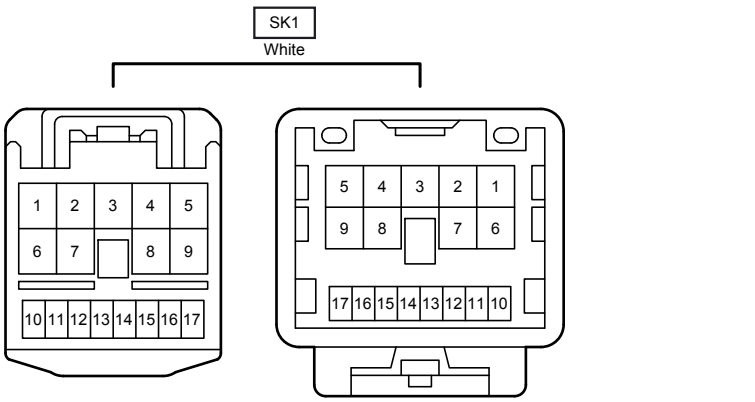

FL1
White
Blue
1 2 3 4 5
6 7 8 9 10
11 12 13
14 15
16 17
18 19
20 21
22 23
24 25
26 27 28
29 30 31
32 33
34 35
36 37
38 39 40 41 42
43 44 45 46 47
48 49 50 51 52
53 54
55 56
13 12 11
5 4 3 2 1
10 9 8 7 6
21 20
23 22
25 24
15 14
17 16
19 18
54 53
56 55
42 41 40 39 38
47 46 45 44 43
52 51 50 49 48
33 32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

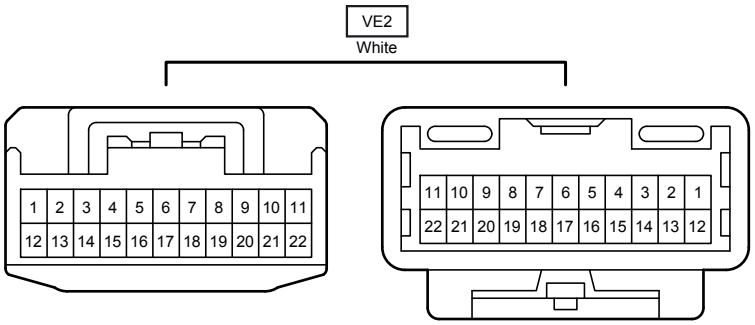

IE1
Gray
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12

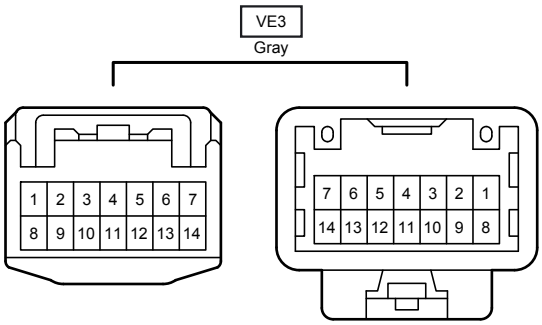

IE4
Gray
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12

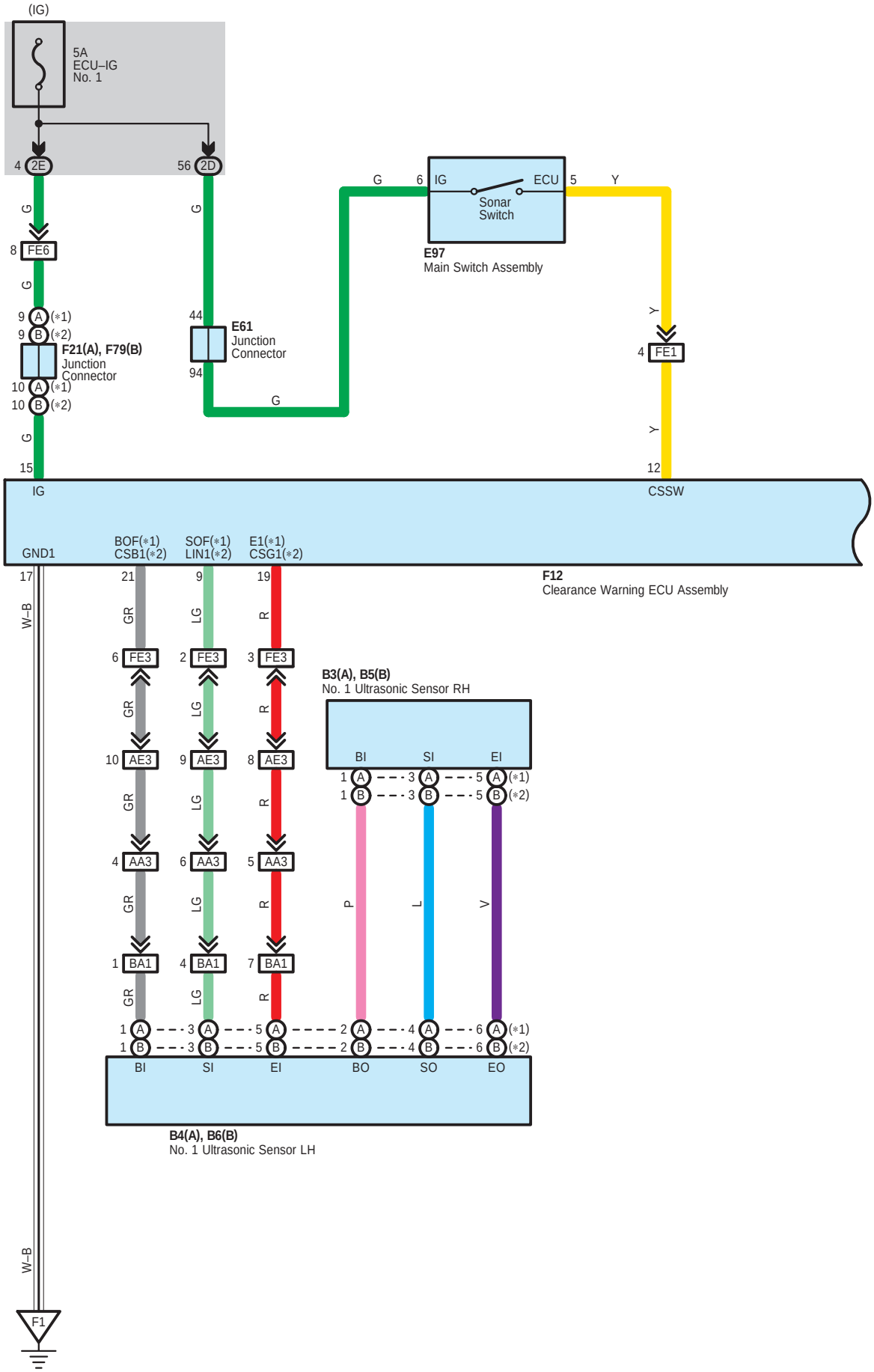

KL1
White
OK1
Black


RE2
Blue

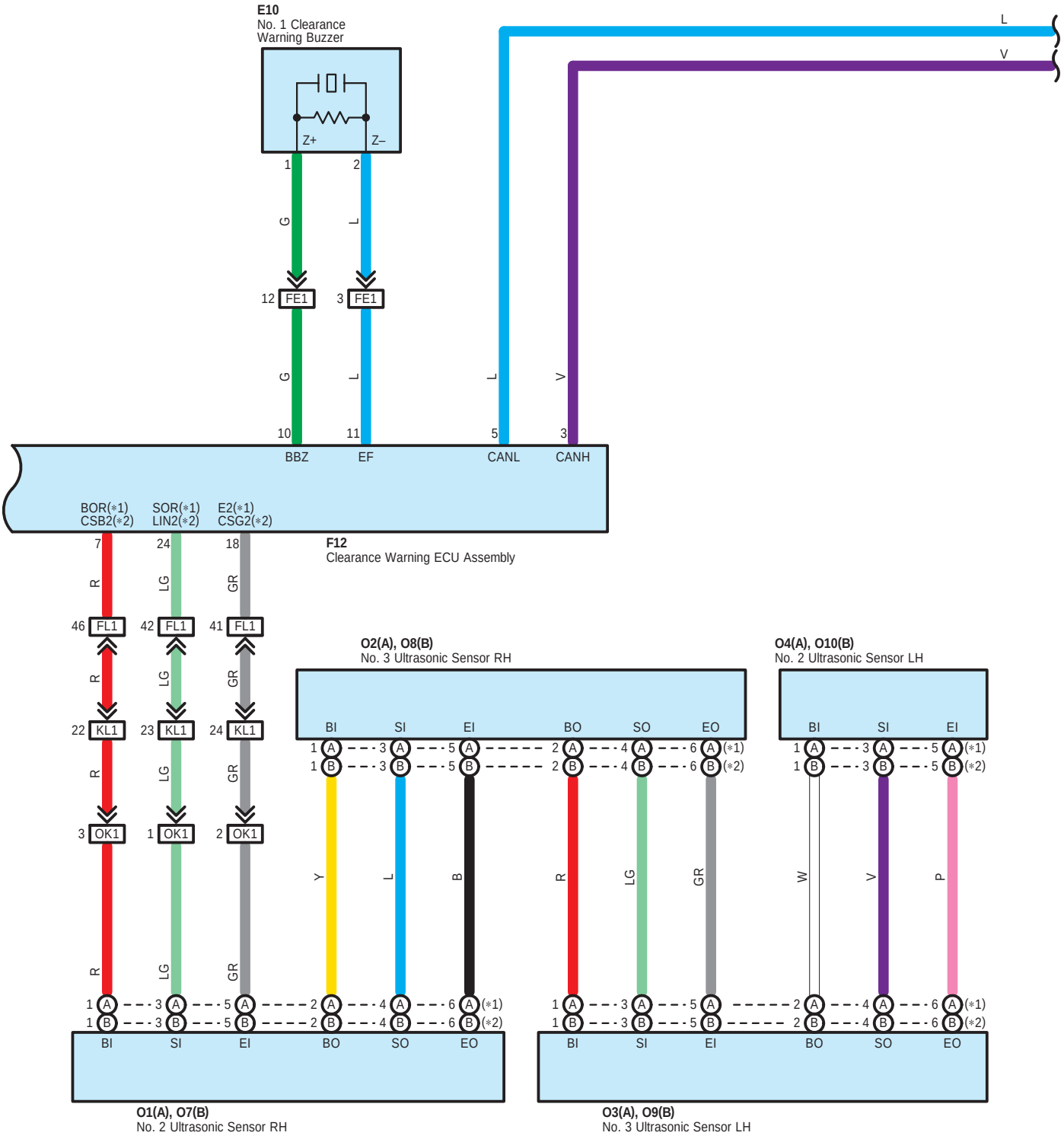

SK1
White

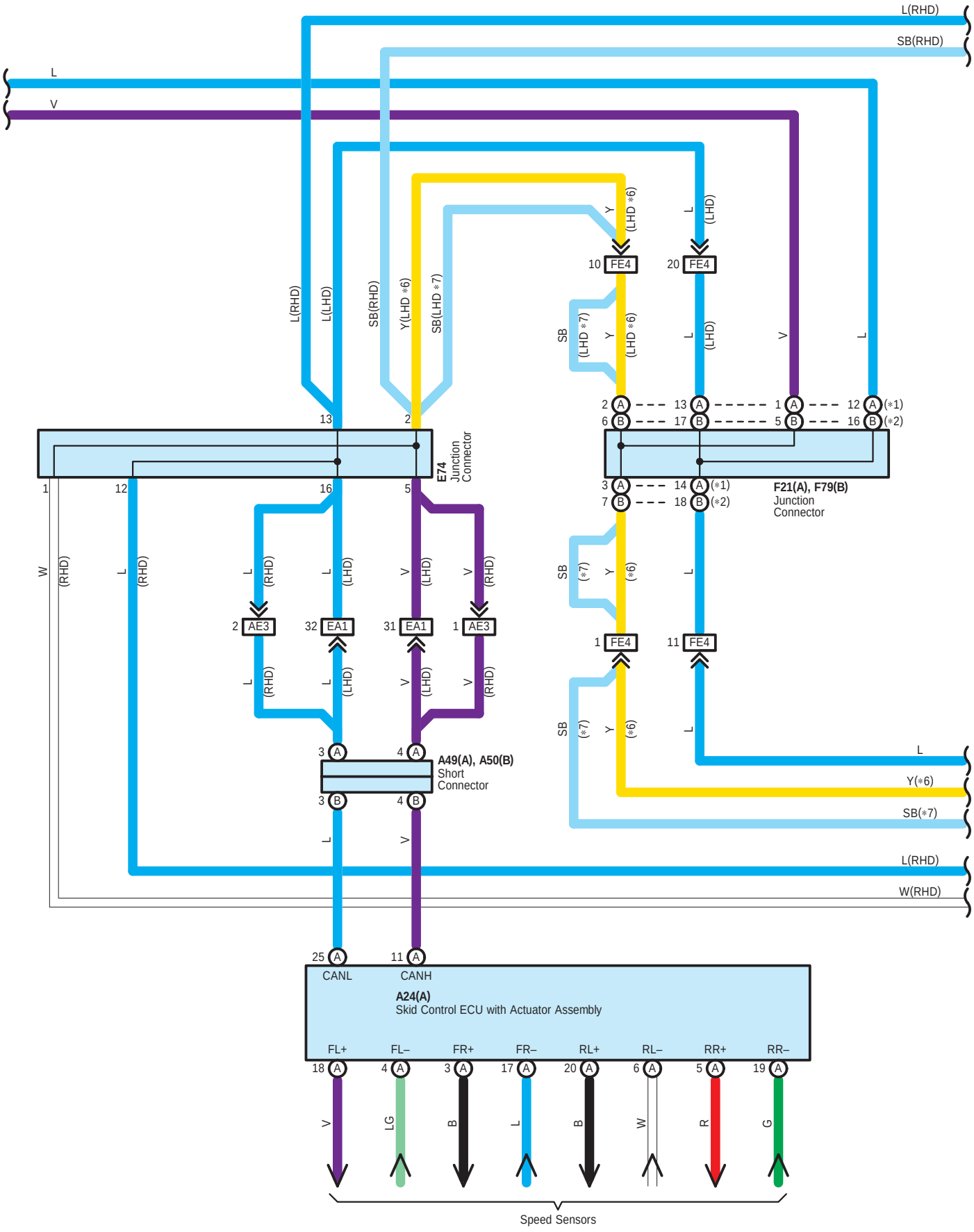

VE2
White

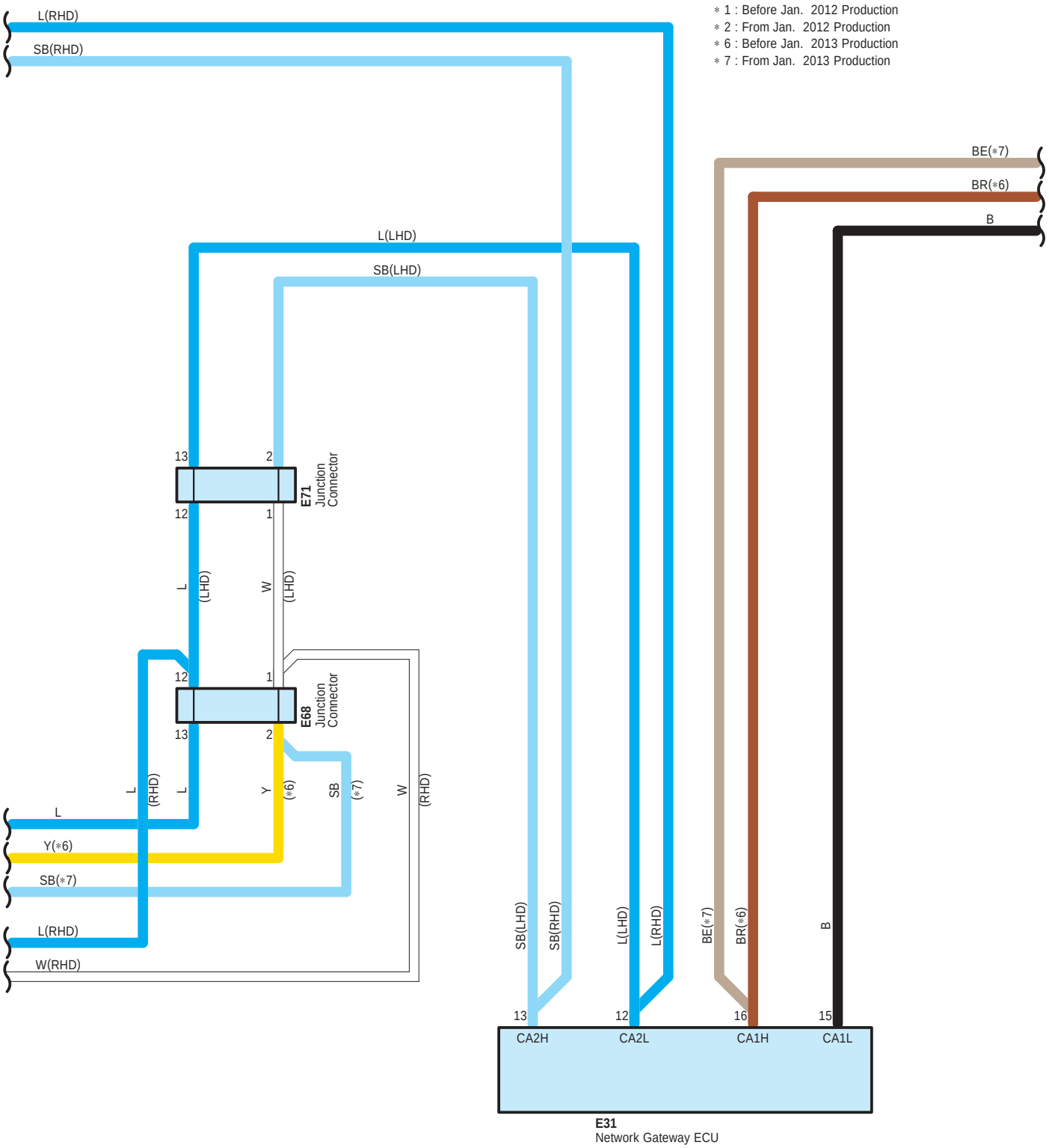

VE3
Gray
1 2 3 4 5 6 7
8 9 10 11 12 13 14
7 6 5 4 3 2 1
14 13 12 11 10 9 8

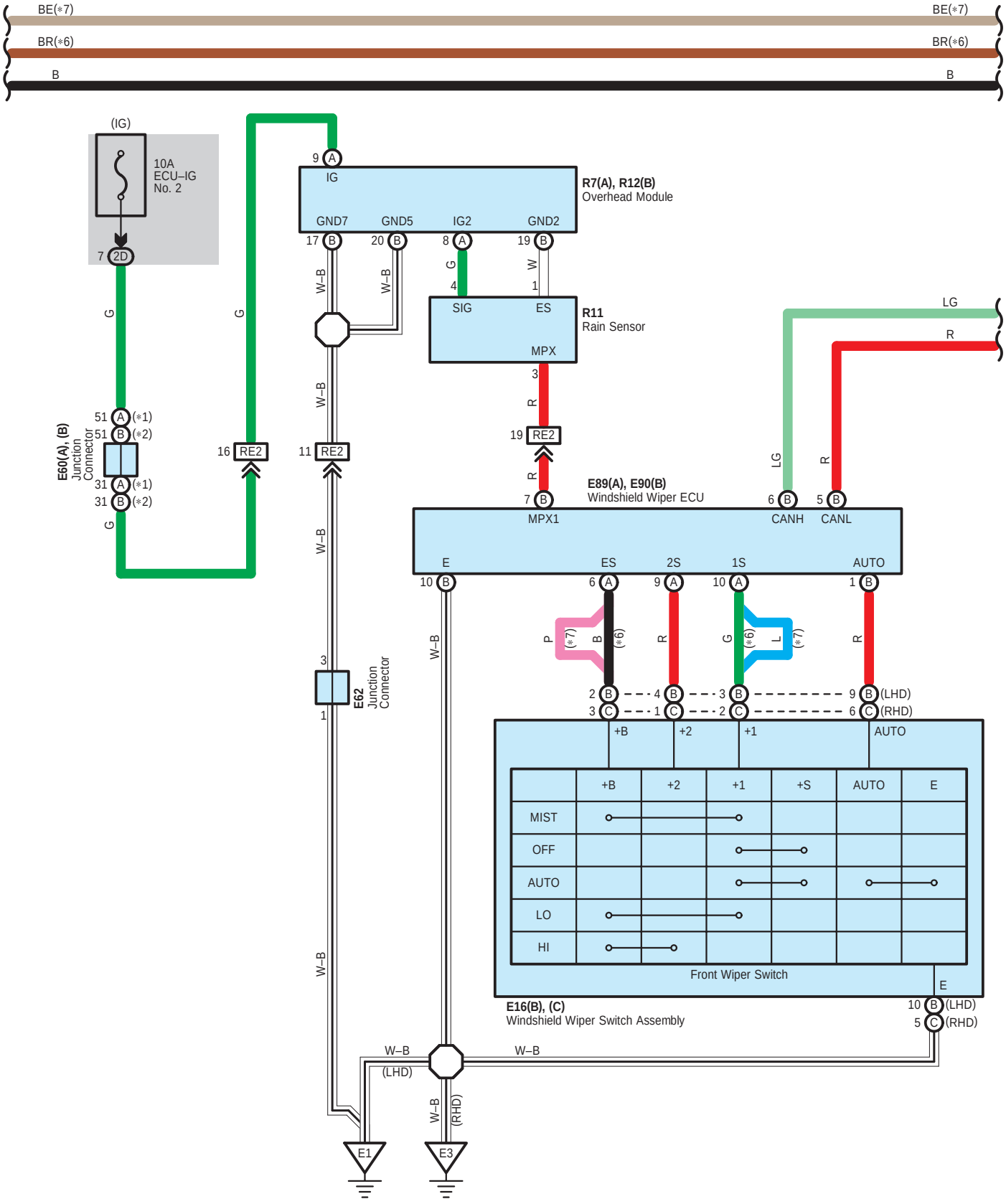

(IG)
5A
ECU–IG
No. 1
4 2E
56 2D
G
8 FE6
9 A (*1)
9 B (*2)
F21(A), F79(B)
Junction
Connector
10 A (*1)
10 B (*2)
15
IG
44
E61
Junction
Connector
94
G
G 6 IG
ECU 5 Y
Sonar
Switch
E97
Main Switch Assembly
Y
4 FE1
12
CSSW
GND1
BOF(*1)
CSB1(*2)
SOF(*1)
LIN1(*2)
E1(*1)
CSG1(*2)
F12
Clearance Warning ECU Assembly
17
W–B
21
9
19
GR
LG
R
6 FE3
2 FE3
3 FE3
10 AE3
9 AE3
8 AE3
4 AA3
6 AA3
5 AA3
1 BA1
4 BA1
7 BA1
B3(A), B5(B)
No. 1 Ultrasonic Sensor RH
BI
SI
EI
P
L
V
BO
SO
EO
B4(A), B6(B)
No. 1 Ultrasonic Sensor LH
W–B
F1

∗ 1 : Before Jan. 2012 Production
∗ 2 : From Jan. 2012 Production

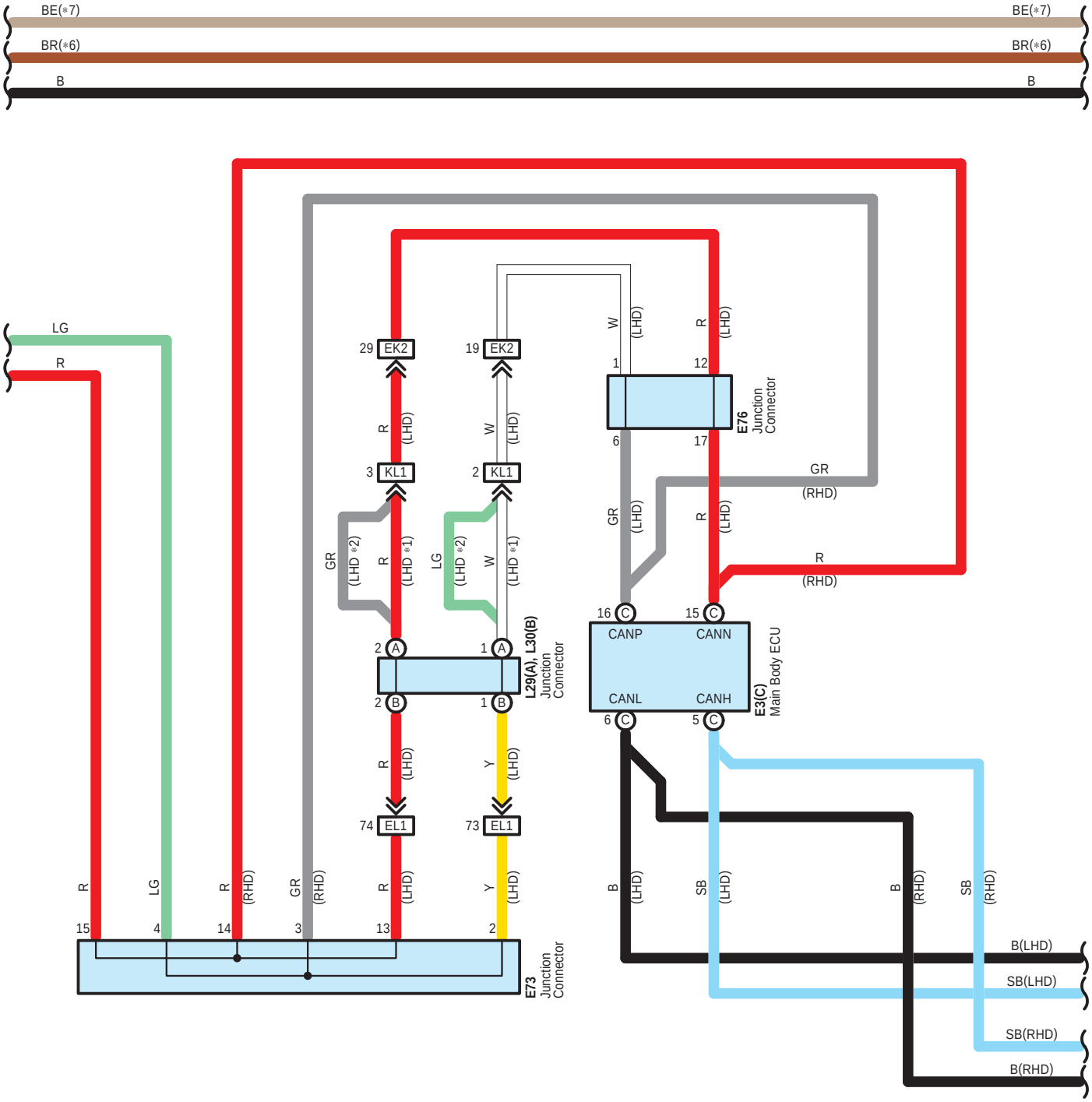


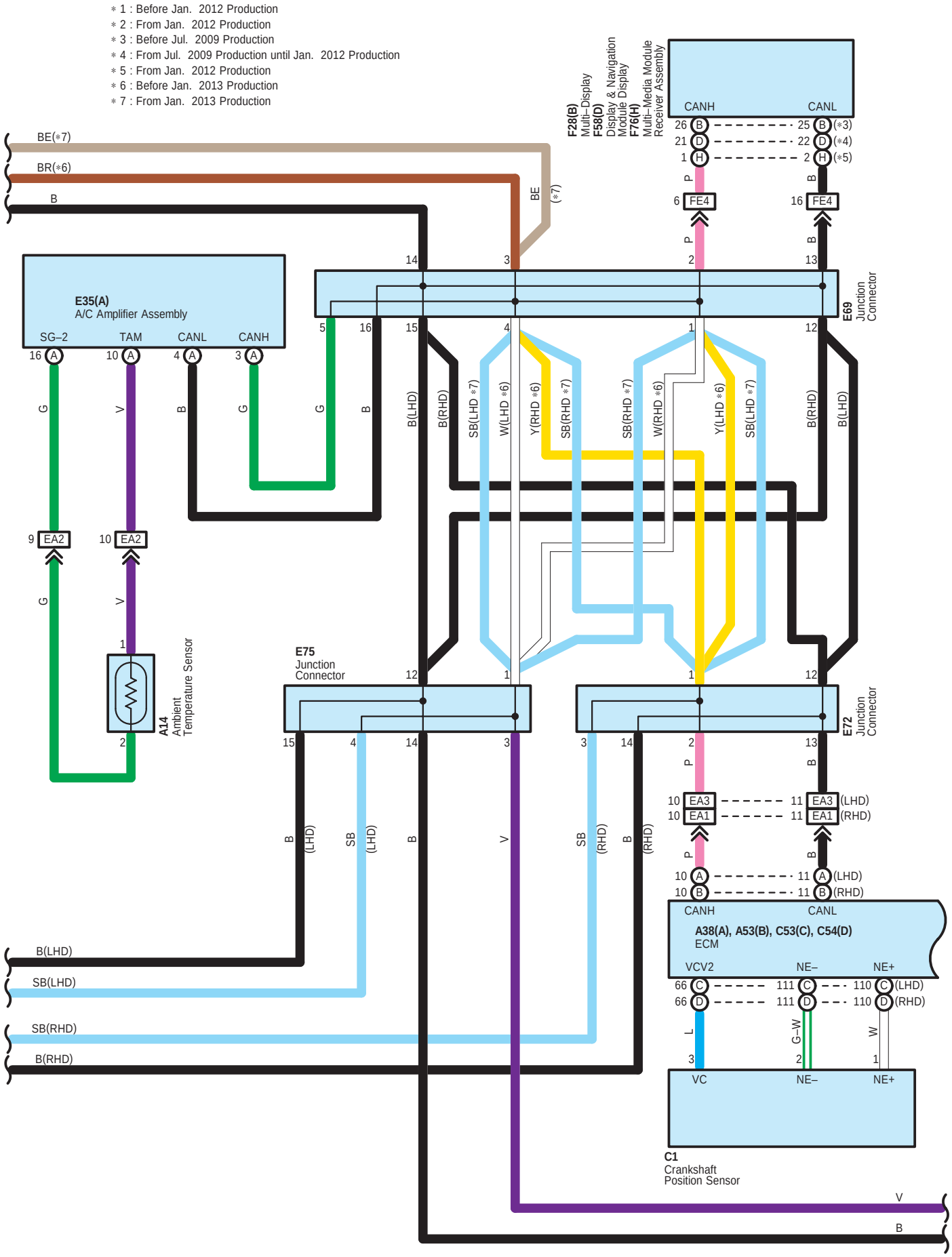

L(RHD)
SB(RHD)
L
V
L(RHD)
L(LHD)
SB(RHD)
Y(LHD ∗6)
SB(LHD ∗7)
Y (LHD ∗6)
L (LHD)
10 FE4
20 FE4
SB (LHD ∗7)
Y (LHD ∗6)
L (LHD)
V
L
2 A 13 A 1 A 12 A (∗1)
6 B 17 B 5 B 16 B (∗2)
13
2
E74 Junction Connector
1
12
16
5
3 A 14 A (∗1)
7 B 18 B (∗2)
F21(A), F79(B) Junction Connector
W (RHD)
L (RHD)
L (RHD)
L (LHD)
V (LHD)
V (RHD)
SB (∗7)
Y (∗6)
L
2 AE3
32 EA1
31 EA1
1 AE3
1 FE4
11 FE4
L (RHD)
L (LHD)
V (LHD)
V (RHD)
SB (∗7)
Y (∗6)
L
3 A
4 A
A49(A), A50(B) Short Connector
3 B
4 B
L
Y(∗6)
SB(∗7)
L
V
L(RHD)
W(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

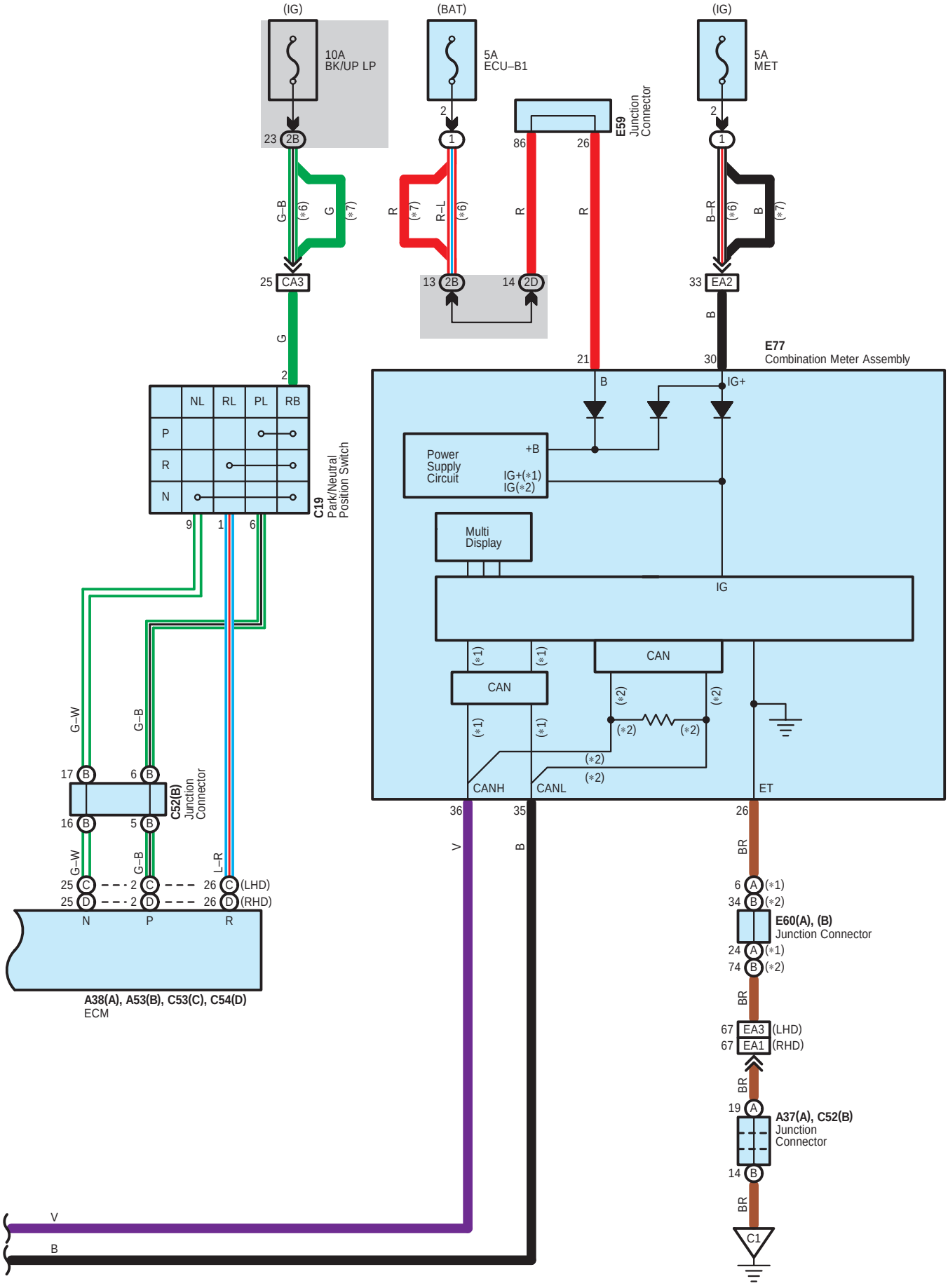

∗ 1 : Before Jan. 2012 Production
∗ 2 : From Jan. 2012 Production
∗ 6 : Before Jan. 2013 Production
∗ 7 : From Jan. 2013 Production
L(RHD)
SB(RHD)
L(LHD)
SB(LHD)
BE(∗7)
BR(∗6)
B
13
2
12
1
E71
Junction Connector
L (LHD)
W (LHD)
12
1
13
2
E68
Junction Connector
L (RHD)
L (RHD)
Y (∗6)
SB (∗7)
W (RHD)
L
Y(∗6)
SB(∗7)
L(RHD)
W(RHD)
SB(LHD)
SB(RHD)
L(LHD)
L(RHD)
BE(∗7)
BR(∗6)
B
13
12
16
15
CA2H
CA2L
CA1H
CA1L
E31
Network Gateway ECU


BE(*7)
BR(*6)
B
(IG)
10A
ECU–IG
No. 2
7 2D
G
51 A (*1)
51 B (*2)
31 A (*1)
31 B (*2)
E60(A), (B)
Junction
Connector
16 RE2
9 A
IG
GND7
GND5
IG2
GND2
17 B
20 B
8 A
19 B
R7(A), R12(B)
Overhead Module
W–B
G
W
4
1
SIG
ES
MPX
R11
Rain Sensor
3
R
19 RE2
11 RE2
7 B
MPX1
E89(A), E90(B)
Windshield Wiper ECU
LG
R
6 B
5 B
CANH
CANL
E
ES
2S
1S
AUTO
10 B
6 A
9 A
10 A
1 B
P
B
(*7)
(*6)
G
L
2 B
3 C
4 B
1 C
3 B
2 C
9 B (LHD)
6 C (RHD)
+B
+2
+1
AUTO
+S
E
MIST
OFF
LO
HI
Front Wiper Switch
E16(B), (C)
Windshield Wiper Switch Assembly
10 B (LHD)
5 C (RHD)
E62
Junction
Connector
3
1
W–B
(LHD)
W–B
(RHD)
E1
E3

* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production
* 6 : Before Jan. 2013 Production
* 7 : From Jan. 2013 Production



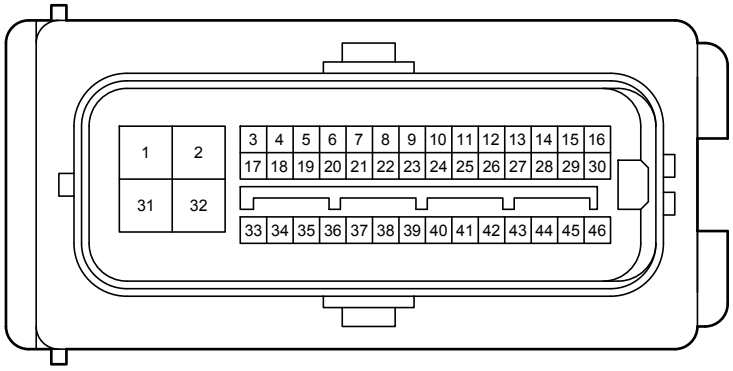

＊1 : Before Jan. 2012 Production
＊2 : From Jan. 2012 Production
＊3 : Before Jul. 2009 Production
＊4 : From Jul. 2009 Production until Jan. 2012 Production
＊5 : From Jan. 2012 Production
＊6 : Before Jan. 2013 Production
＊7 : From Jan. 2013 Production
F28(B) Multi–Display
F58(D) Display & Navigation Module Display
F76(H) Multi–Media Module Receiver Assembly
CANH
CANL
BE(＊7)
BR(＊6)
B
E35(A)
A/C Amplifier Assembly
SG–2
TAM
CANL
CANH
E69 Junction Connector
E75 Junction Connector
E72 Junction Connector
A14 Ambient Temperature Sensor
FE4
EA2
EA3
EA1
(LHD)
(RHD)
A38(A), A53(B), C53(C), C54(D)
ECM
VCV2
NE–
NE+
VC
C1 Crankshaft Position Sensor
B(LHD)
SB(LHD)
SB(RHD)
B(RHD)
V


(IG)
10A
BK/UP LP
23 2B
(BAT)
5A
ECU–B1
2
1
(IG)
5A
MET
2
1
E59
Junction
Connector
86
26
G–B
(*6)
G
(*7)
R
(*7)
R–L
(*6)
R
R
B–R
(*6)
B
(*7)
25 CA3
13 2B
14 2D
33 EA2
G
B
2
21
30
E77
Combination Meter Assembly
B
IG+
NL
RL
PL
RB
P
R
N
C19
Park/Neutral
Position Switch
9
1
6
Power
Supply
Circuit
+B
IG+(*1)
IG(*2)
Multi
Display
IG
CAN
CAN
(*1)
(*2)
CANH
CANL
ET
G–W
G–B
17 B
6 B
16 B
5 B
C52(B)
Junction
Connector
L–R
25 C
2 C
26 C
(LHD)
25 D
2 D
26 D
(RHD)
N
P
R
A38(A), A53(B), C53(C), C54(D)
ECM
36
35
26
V
B
BR
6 A
(*1)
34 B
(*2)
E60(A), (B)
Junction Connector
24 A
(*1)
74 B
(*2)
67 EA3
(LHD)
67 EA1
(RHD)
19 A
A37(A), C52(B)
Junction
Connector
14 B
C1
V
B

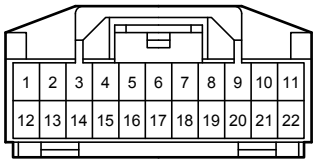
A 14
Black



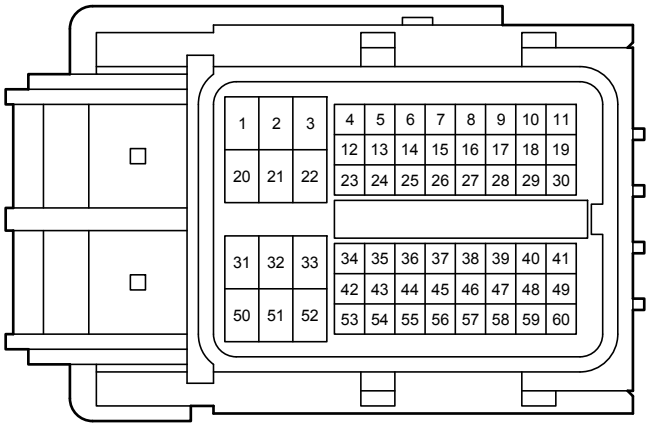

A 24
Black




A 37
Blue



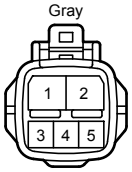

A 38
Black



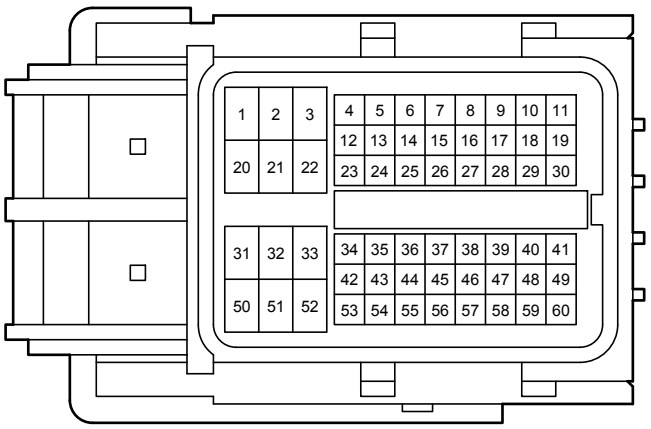

A 49
Gray



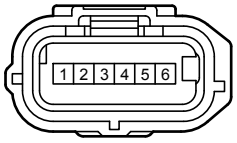

A 50
Gray



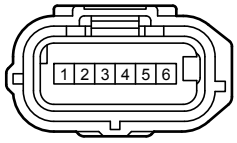

A 53
Black



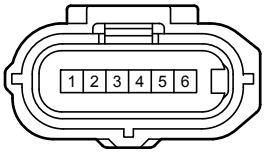

B 3
Black



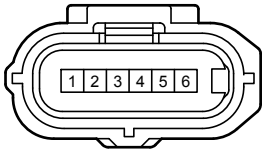

B 4
Black



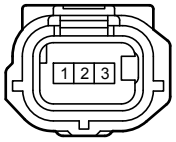

B 5
Black



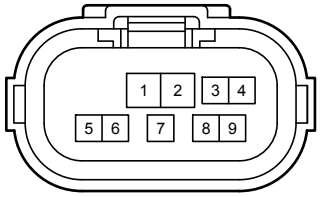
B 6
Black



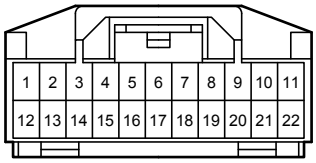

C 1
Black



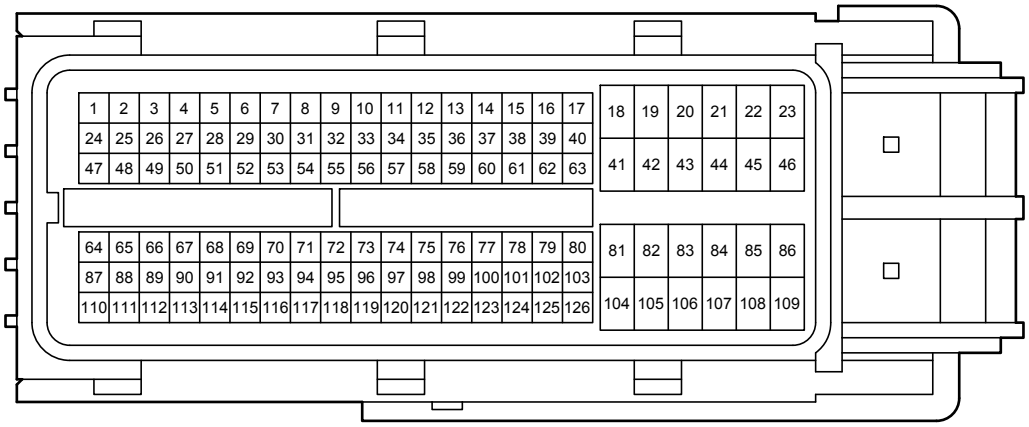

C 19
Gray



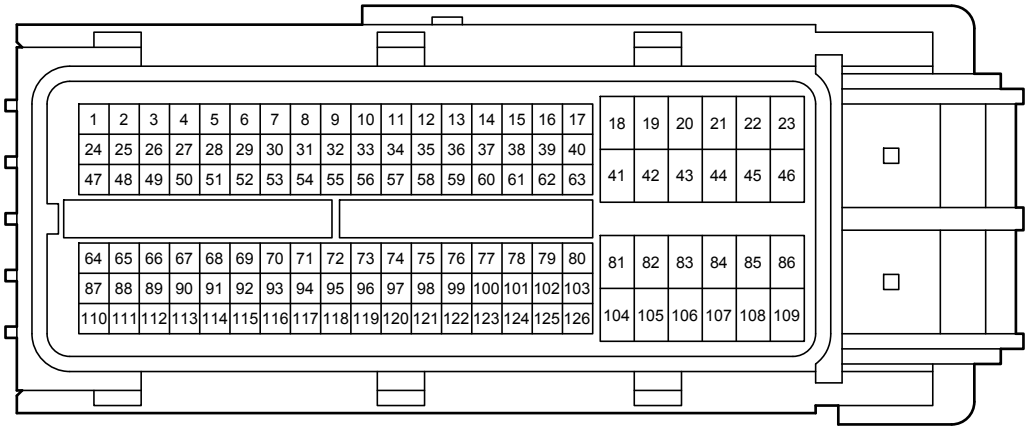

C 52
Blue



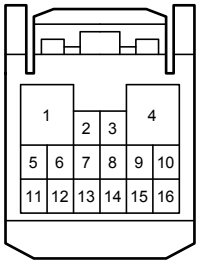

C 53
Black



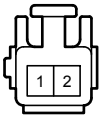

C 54
Black



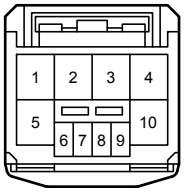
E 3
White



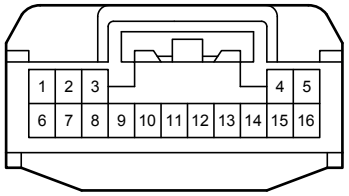

E 10
Black



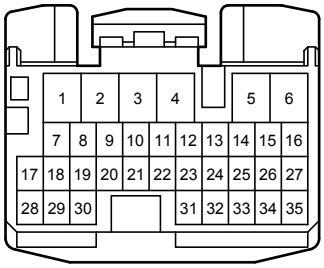

E 16
White



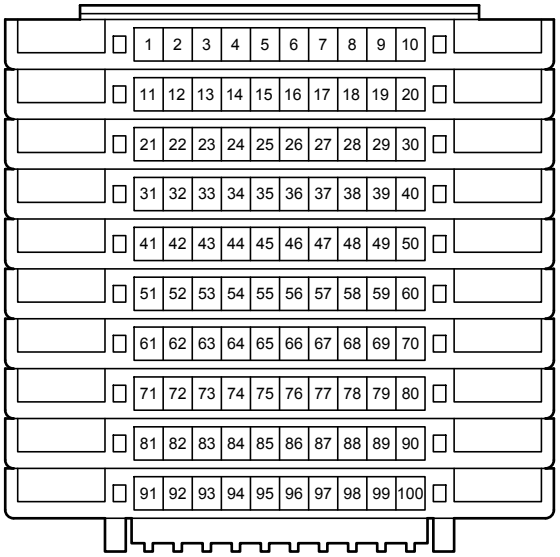

E 31
White



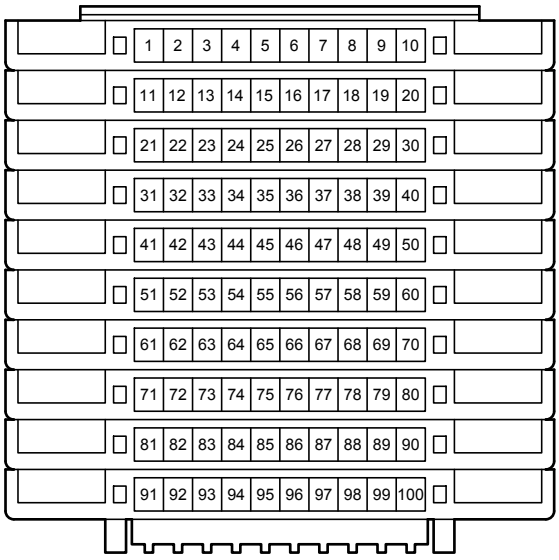

E 35
White



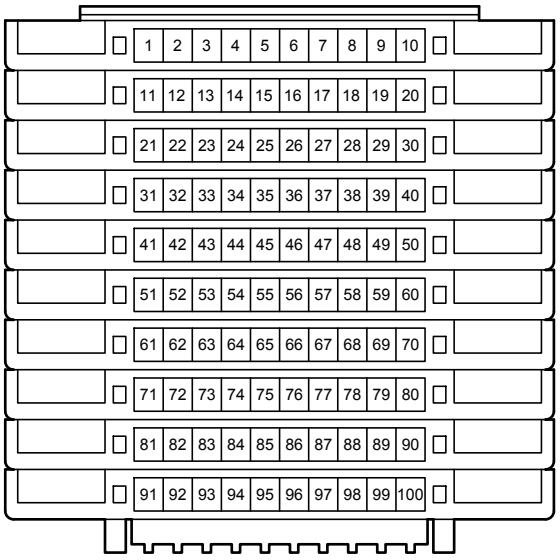

E 59
White



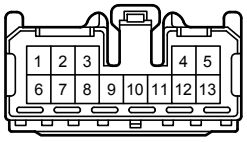

E 60
White



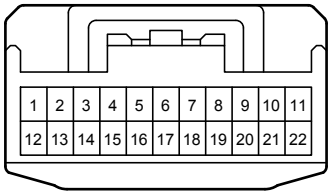

E 61
White



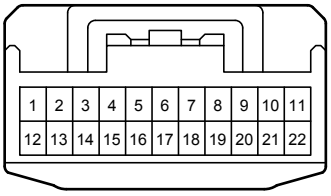
E 62
White



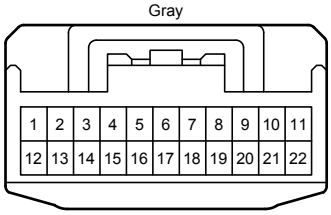

E 68
Gray



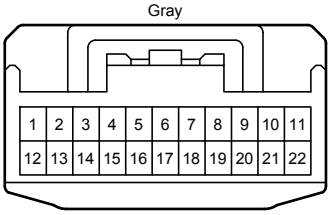

E 69
Gray



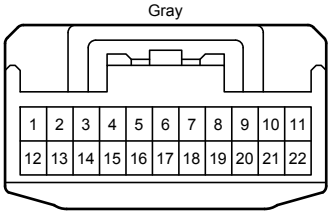

E 71
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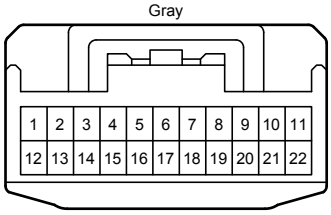

E 72
Gray



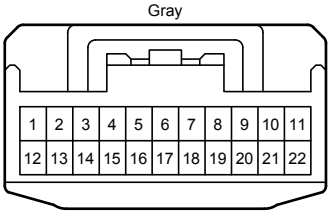

E 73
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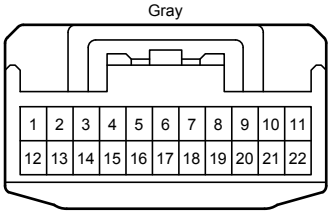

E 74
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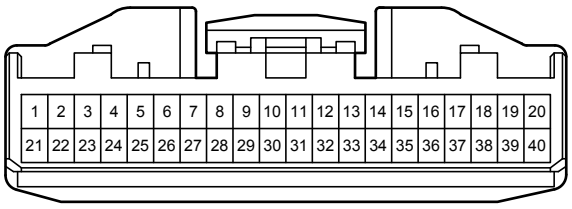

E 75
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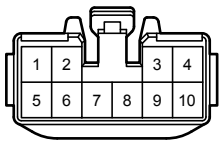

E 76
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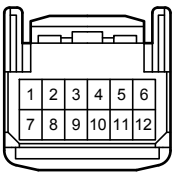

E 77
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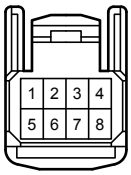

E 89
Blue



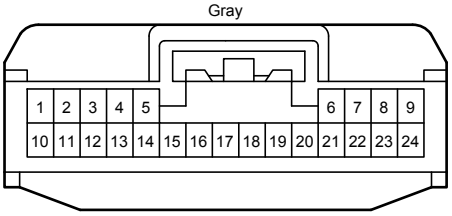

E 90
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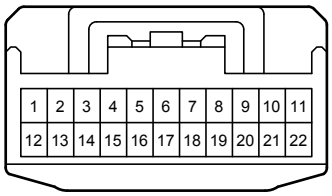

E 97
Black



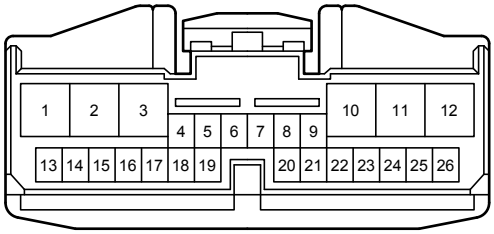

F 12
Gray



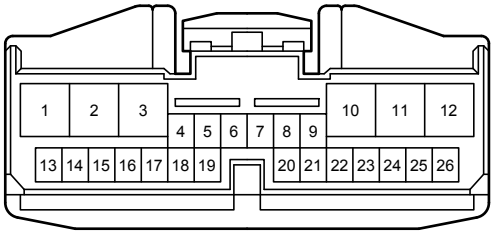

F 21
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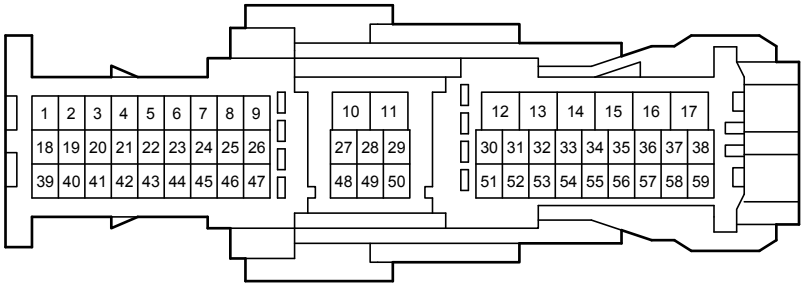

F 28
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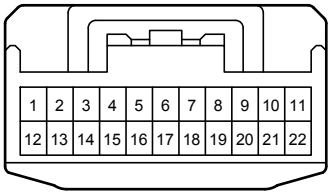

F 58
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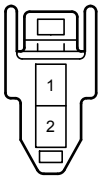
F 76
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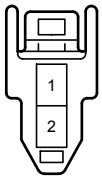

F 79
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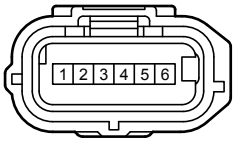

L 29
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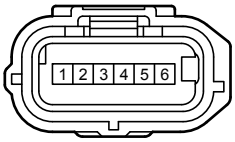

L 30
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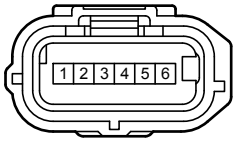

O 1
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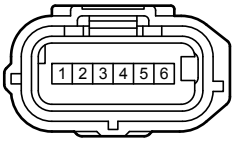

O 2
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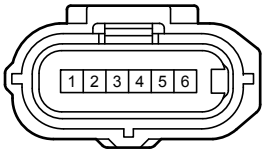

O 3
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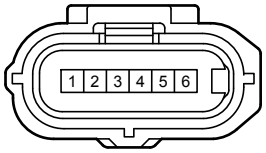

O 4
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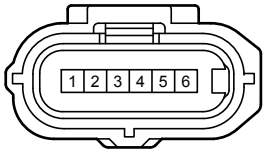

O 7
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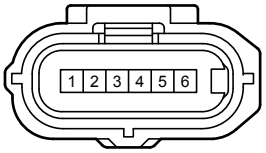

O 8
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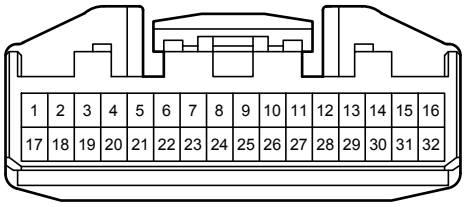

O 9
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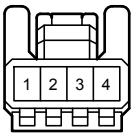

O 10
Black



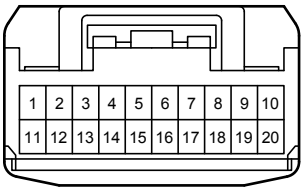

R 7
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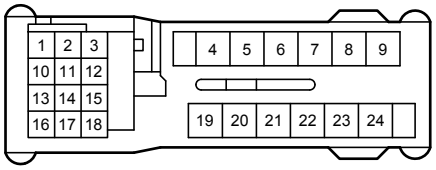

R 11
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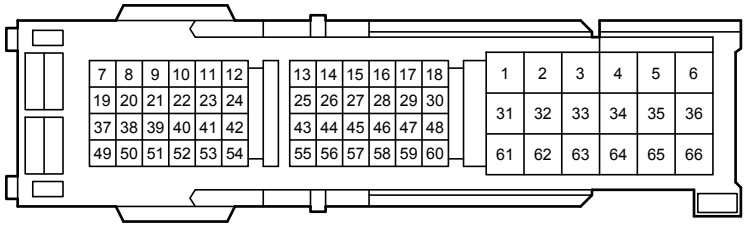

R 12
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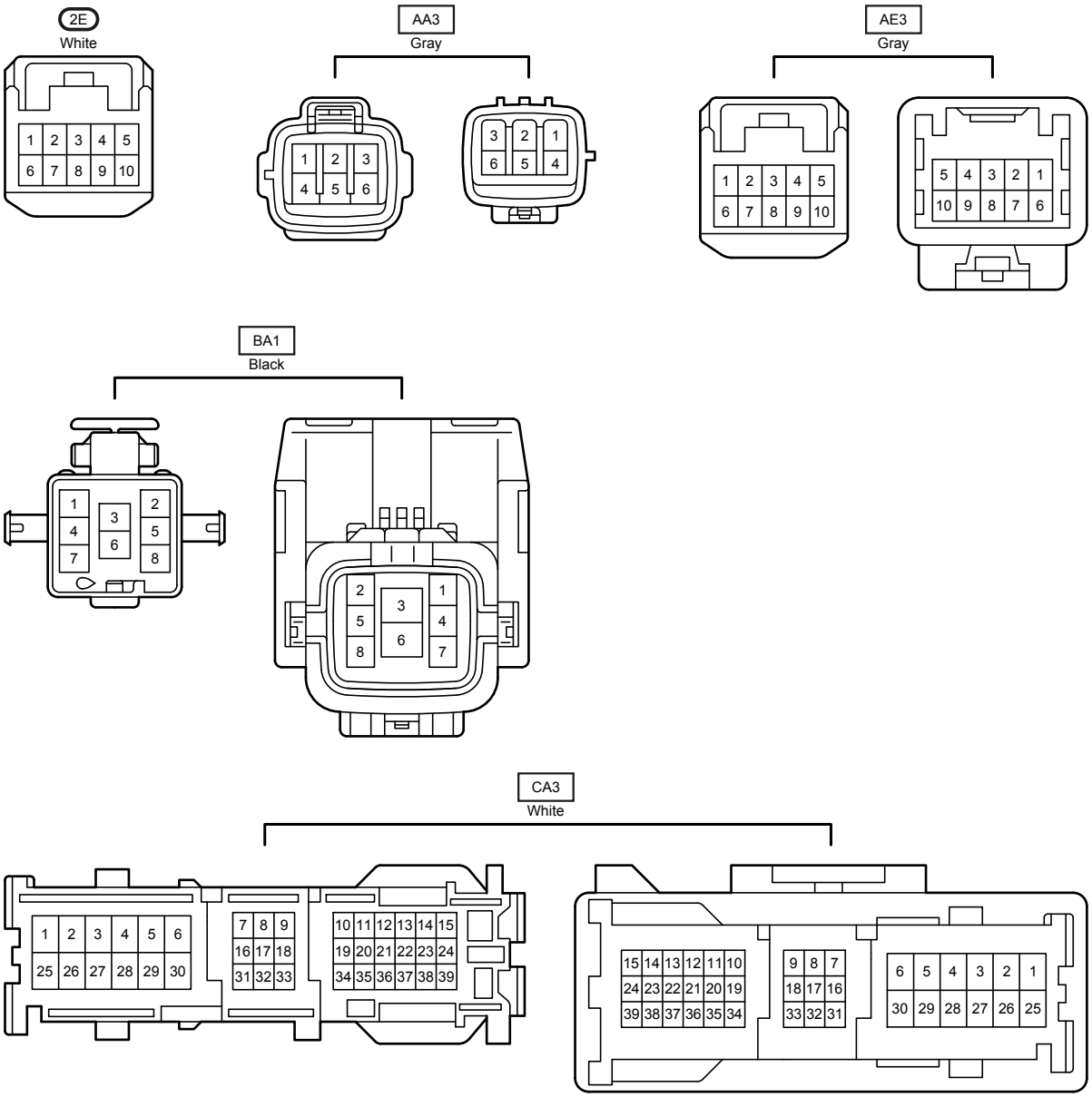



2B
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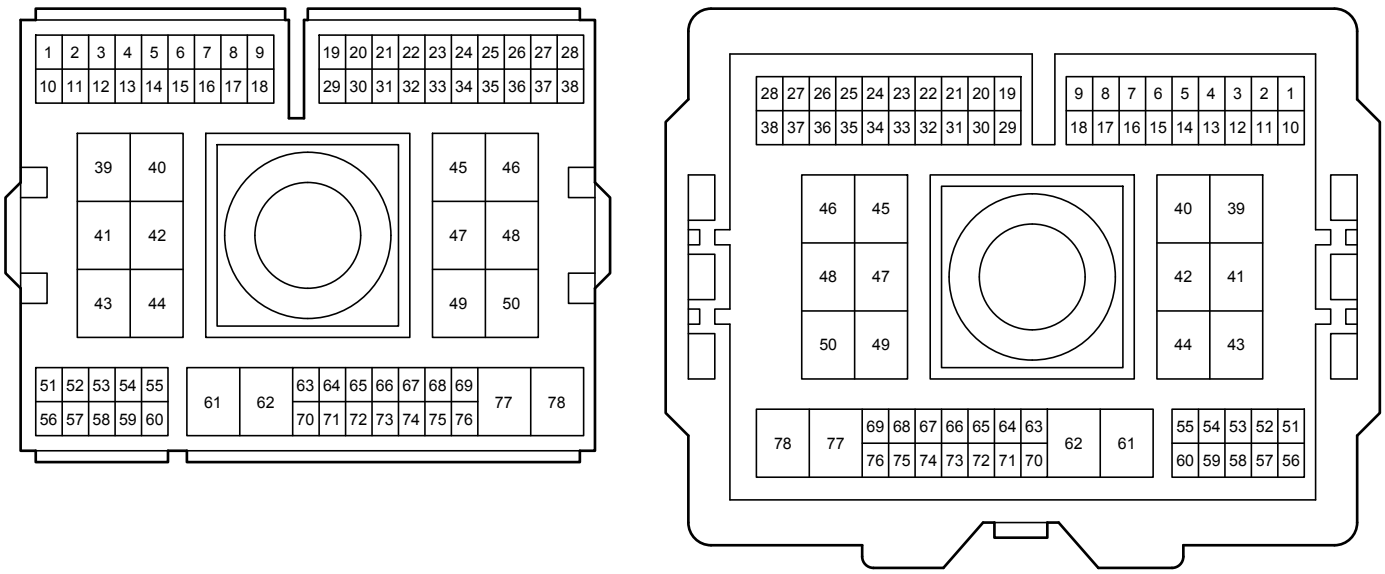

2D
White




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

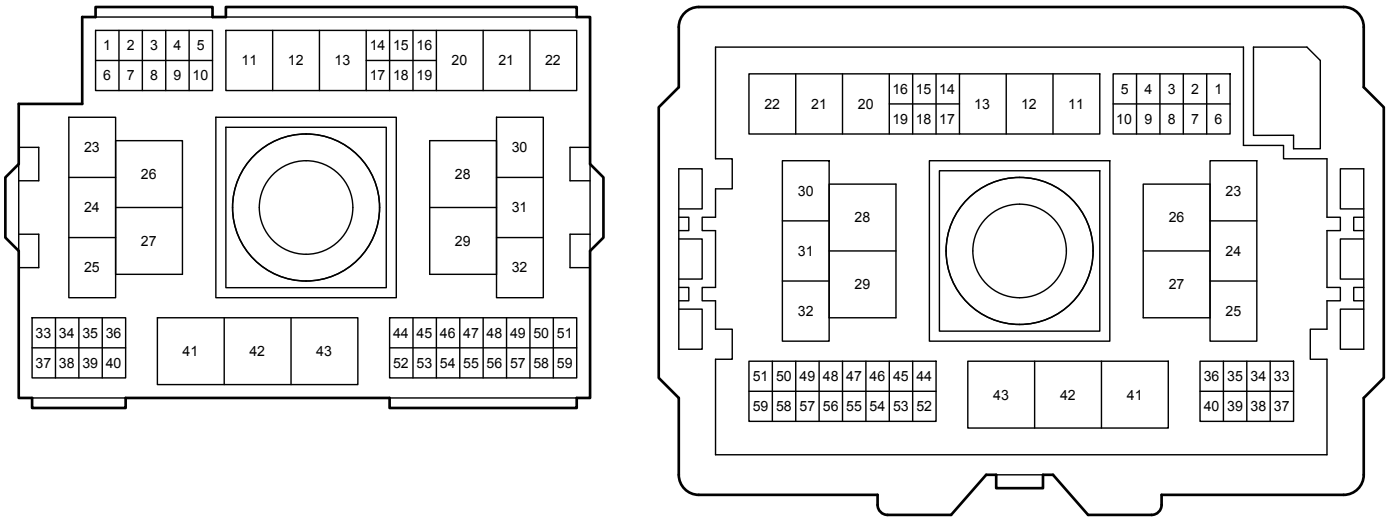
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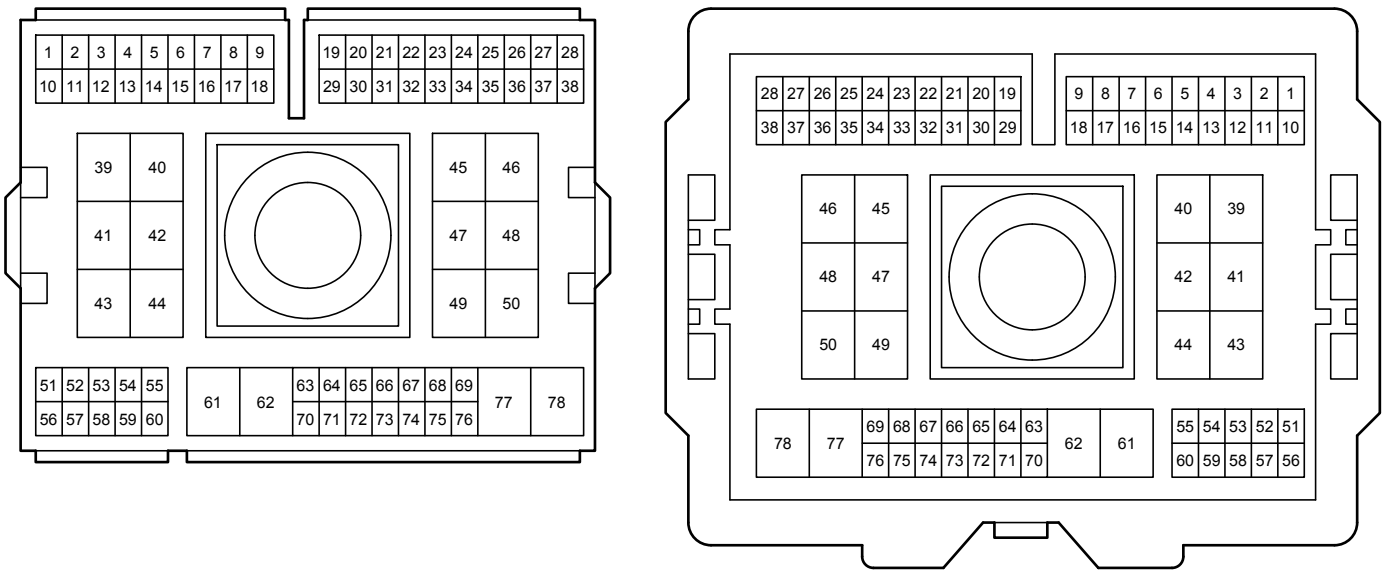

EA2

White

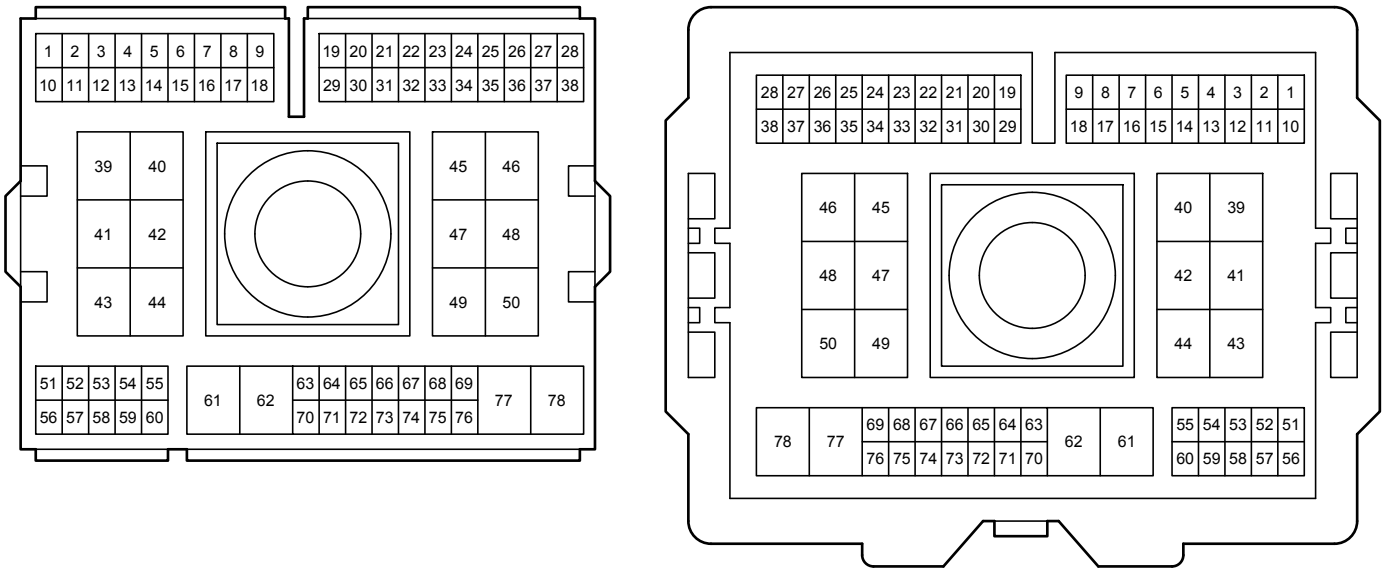
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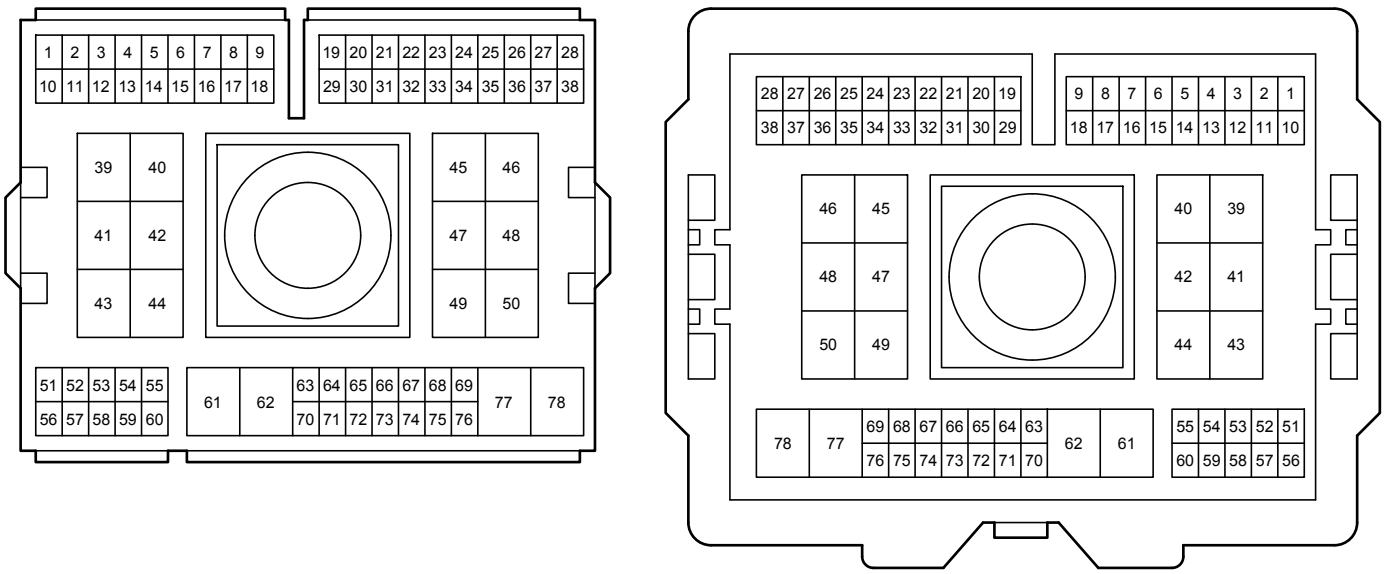
EA3
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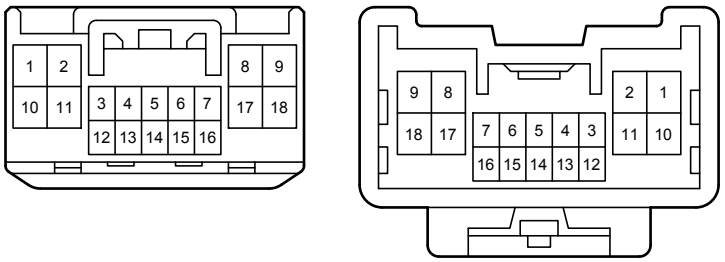

EK2
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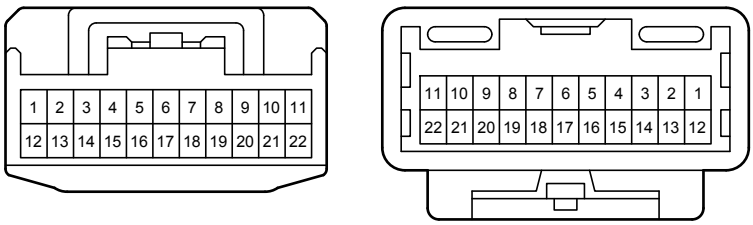
EL1
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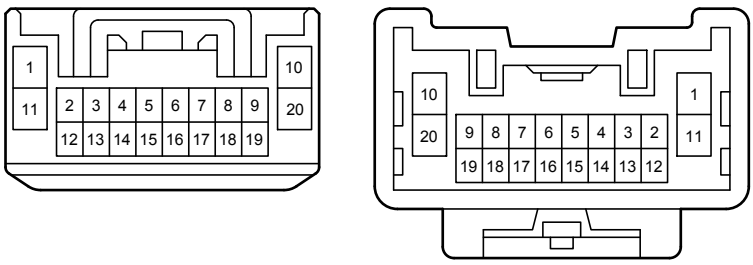

FE1
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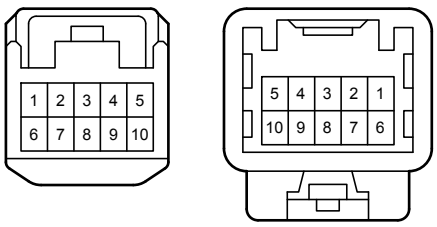

FE3
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FE4
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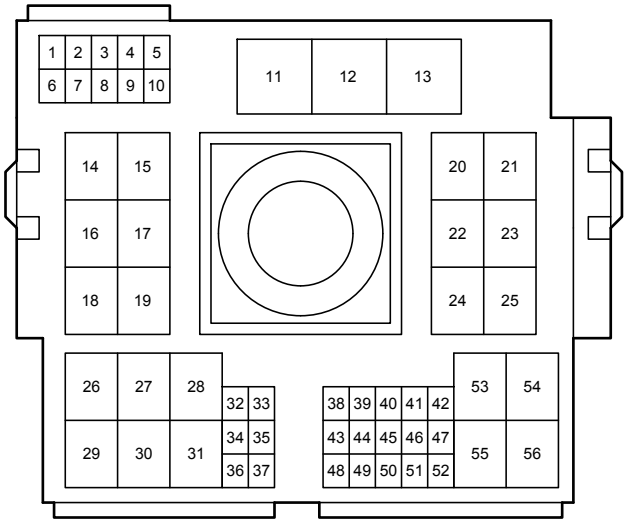



FE6
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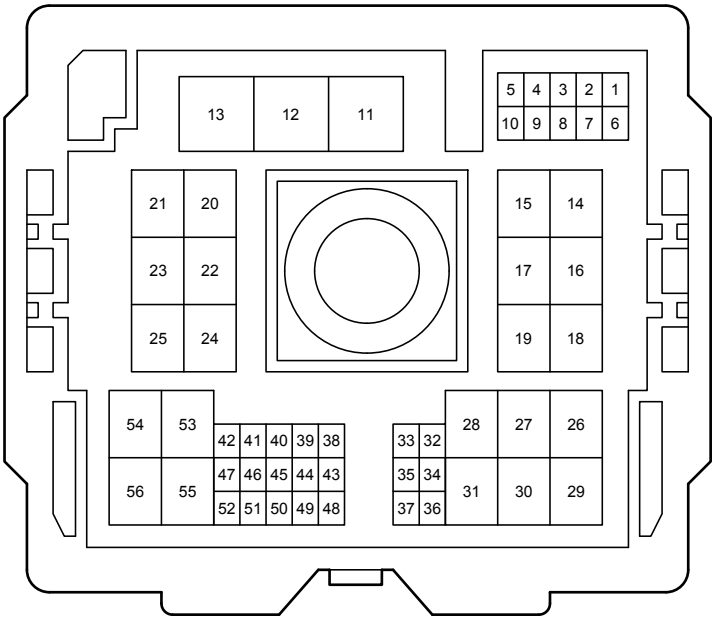


FL1

White

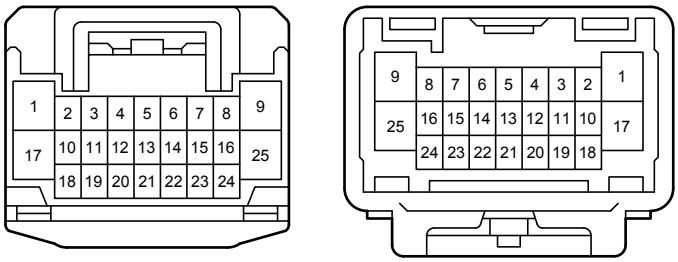



Blue



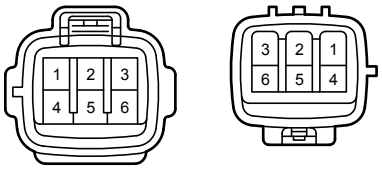

KL1

White



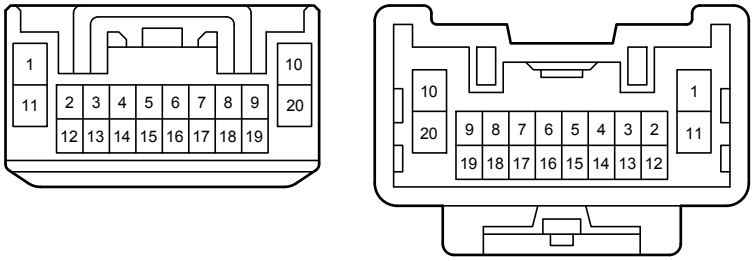

OK1

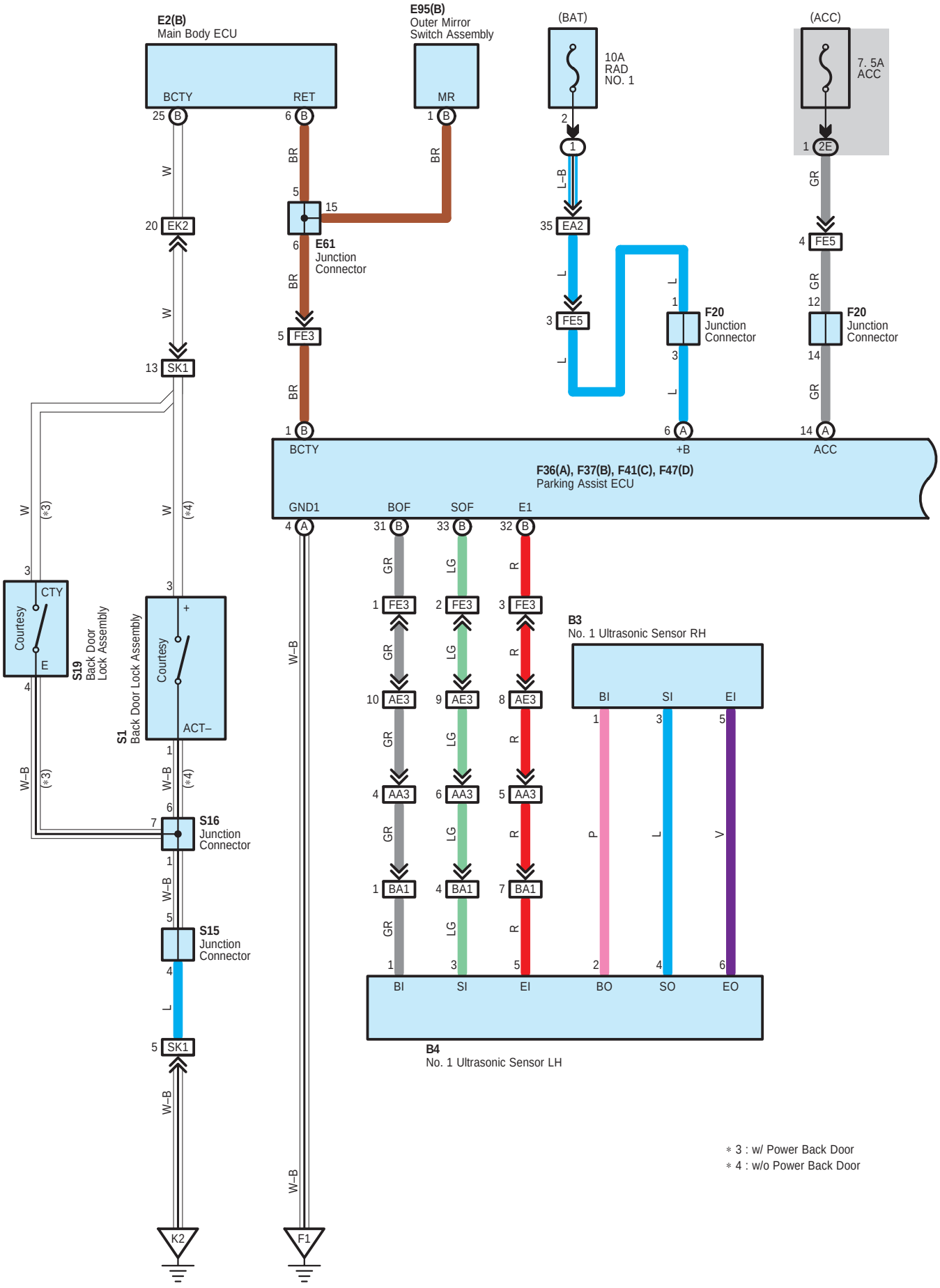
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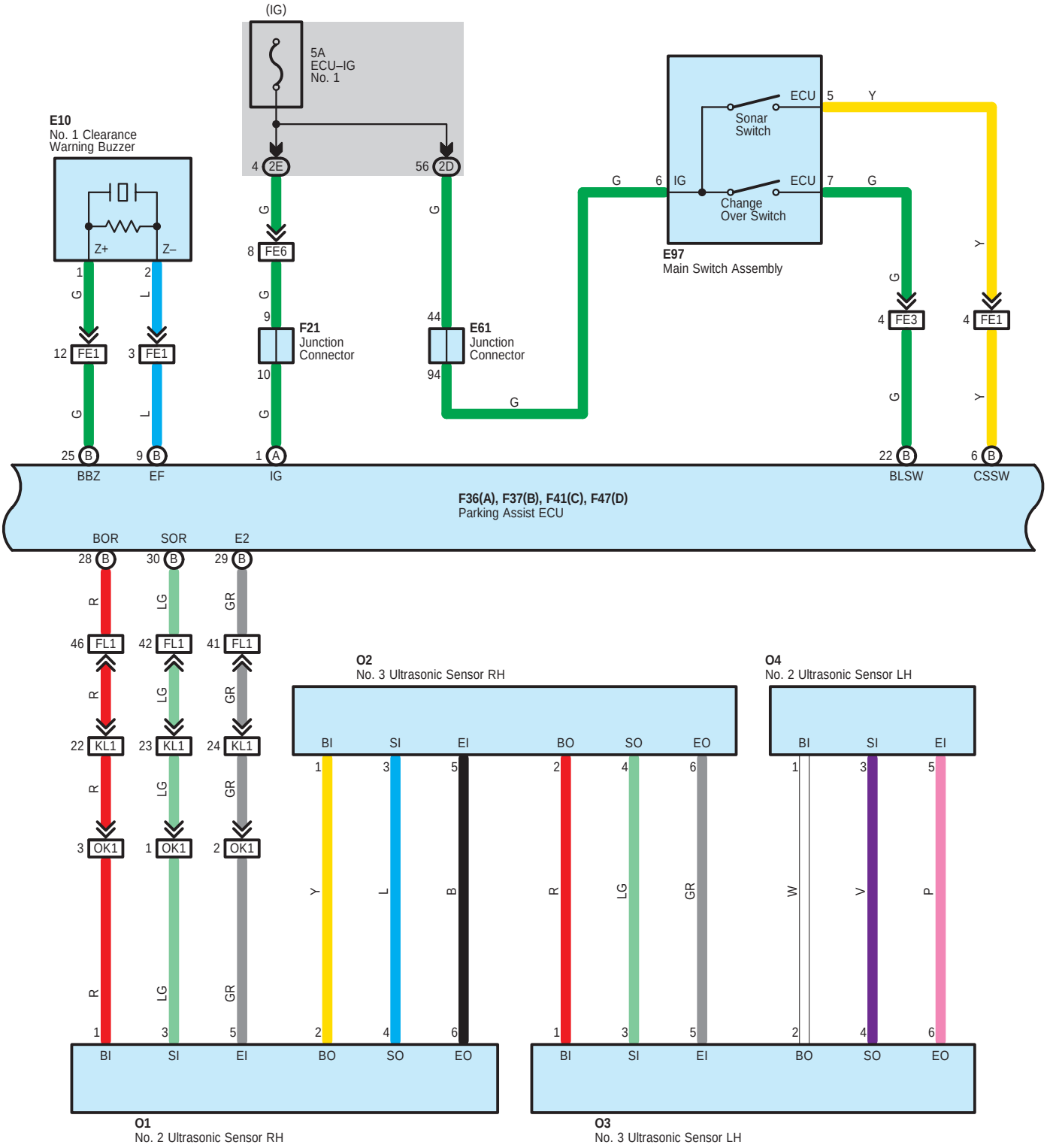


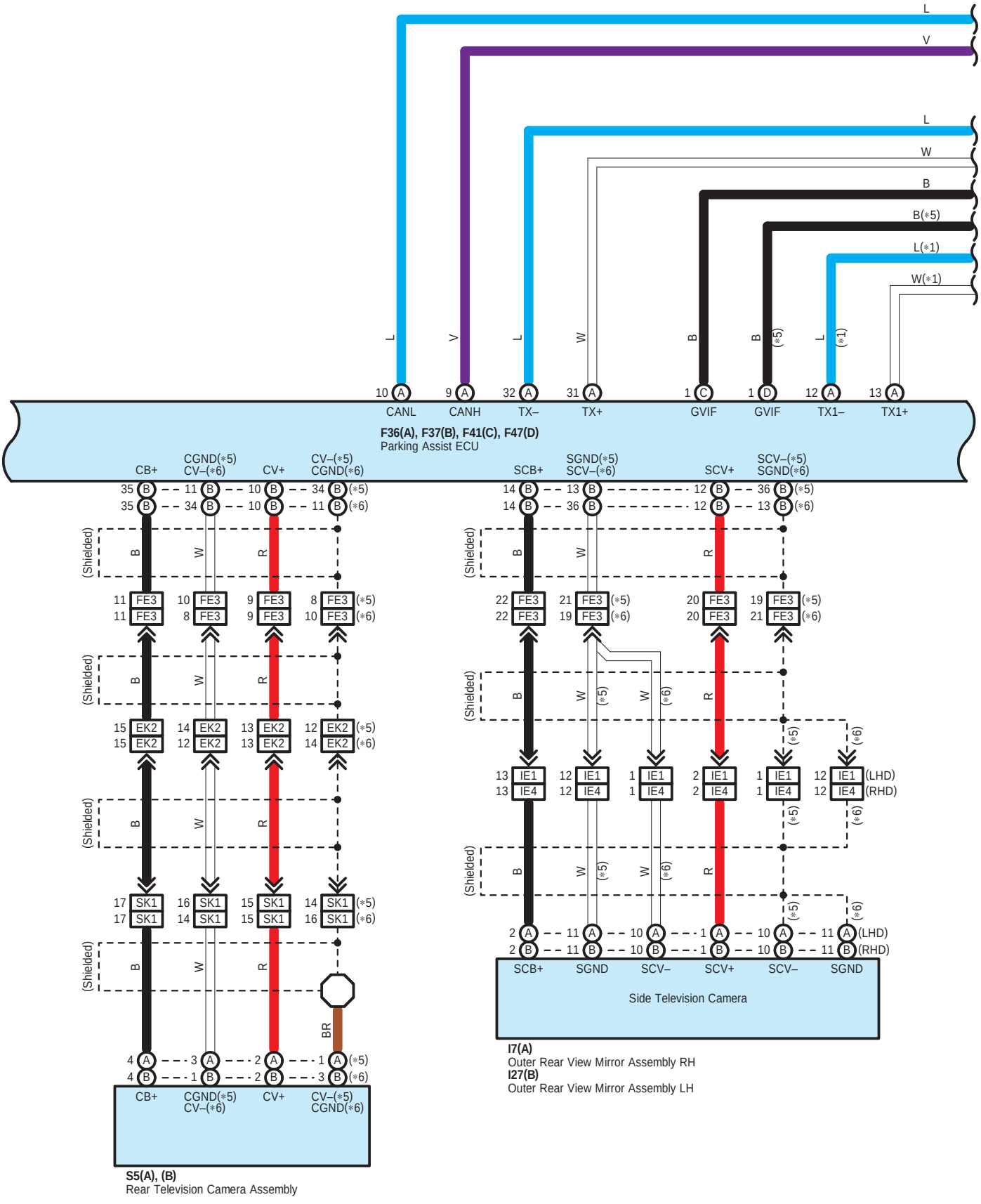

RE2

Blue

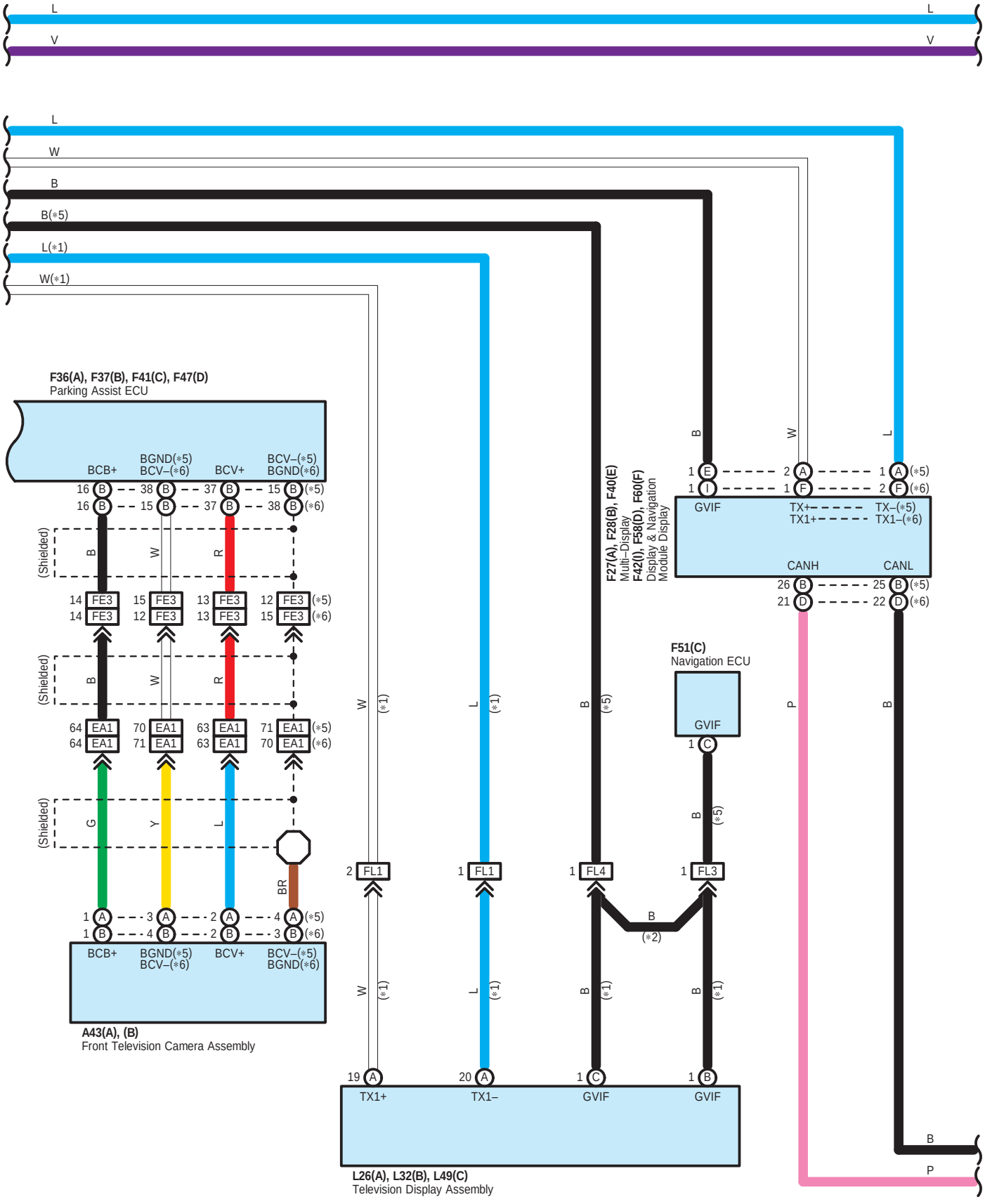


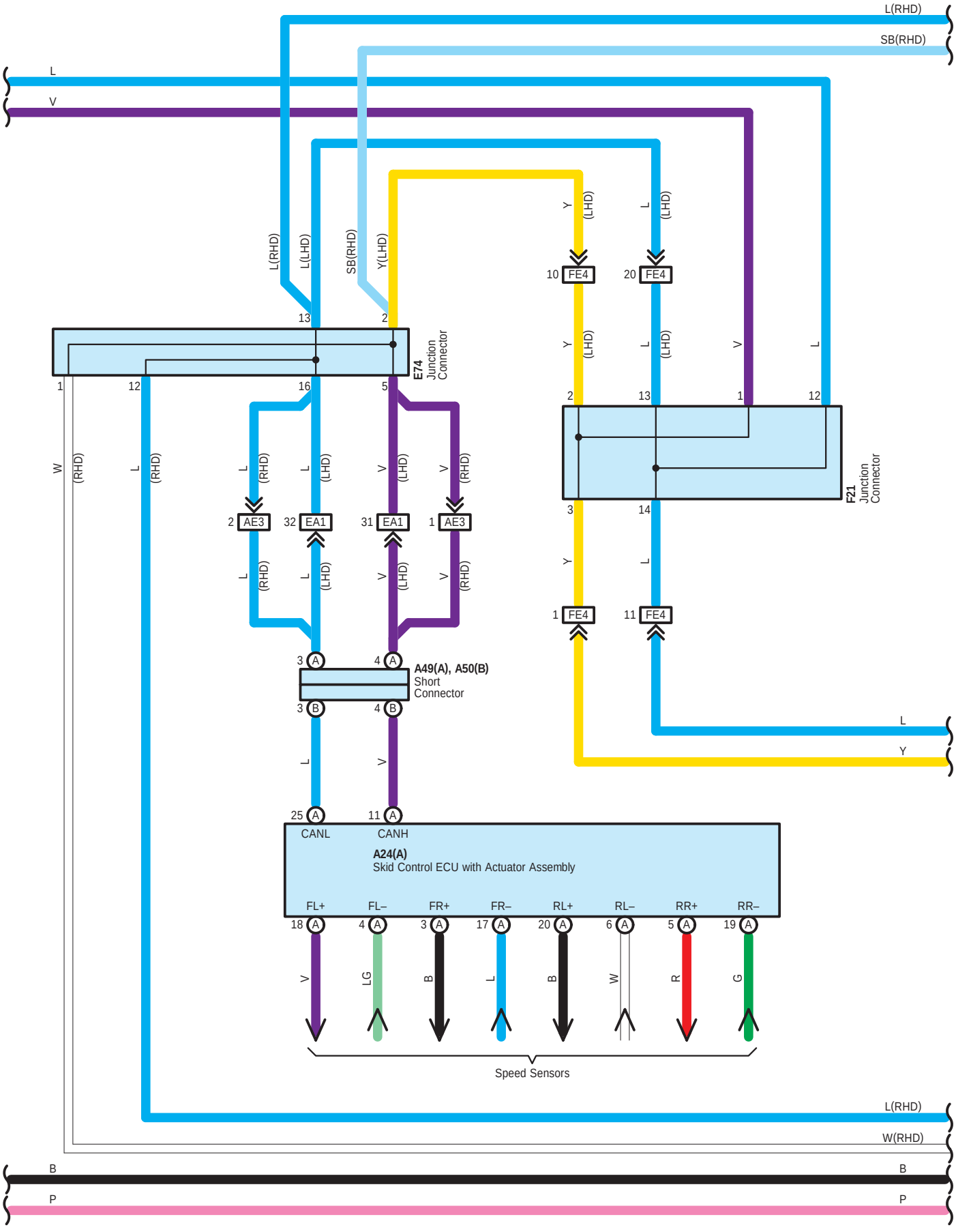

E2(B)
Main Body ECU
BCTY
RET
E95(B)
Outer Mirror Switch Assembly
MR
(BAT)
10A RAD NO. 1
(ACC)
7. 5A ACC
E61
Junction Connector
F20
Junction Connector
F20
Junction Connector
F36(A), F37(B), F41(C), F47(D)
Parking Assist ECU
GND1
BOF
SOF
E1
+B
ACC
S19
Back Door Lock Assembly
Courtesy
CTY
E
S1
Back Door Lock Assembly
Courtesy
ACT–
S16
Junction Connector
S15
Junction Connector
B3
No. 1 Ultrasonic Sensor RH
BI
SI
EI
B4
No. 1 Ultrasonic Sensor LH
BI
SI
EI
BO
SO
EO
K2
F1
∗3 : w/ Power Back Door
∗4 : w/o Power Back Door

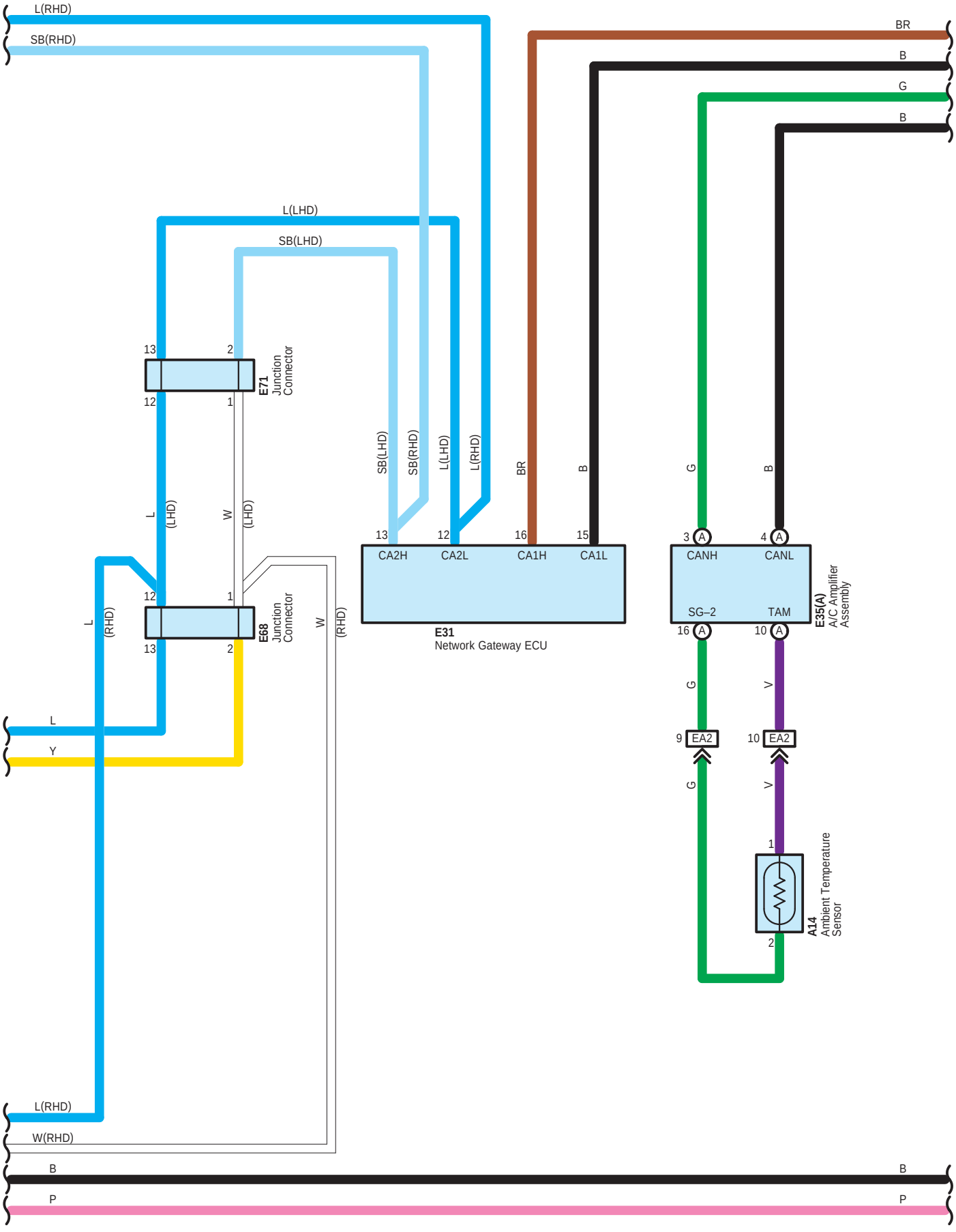

(IG)
5A
ECU–IG
No. 1
E10
No. 1 Clearance
Warning Buzzer
Z+
Z–
4 2E
56 2D
8 FE6
12 FE1
3 FE1
4 FE1
4 FE3
F21
Junction
Connector
10
E61
Junction
Connector
44
94
E97
Main Switch Assembly
ECU
Sonar
Switch
Change
Over Switch
IG
5
6
7
25 B
9 B
1 A
22 B
6 B
BBZ
EF
IG
BLSW
CSSW
F36(A), F37(B), F41(C), F47(D)
Parking Assist ECU
BOR
SOR
E2
28 B
30 B
29 B
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

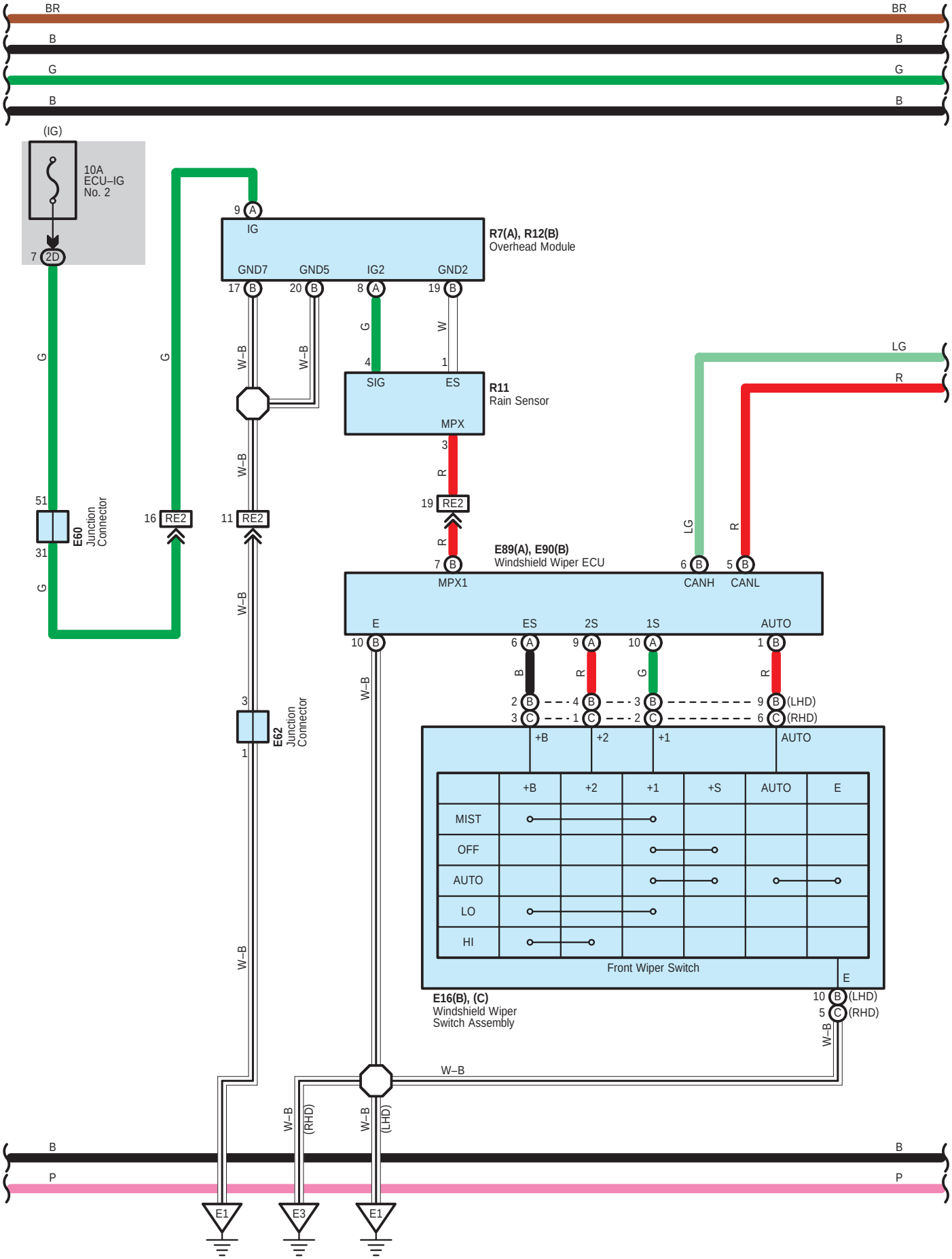

L
V
L
W
B
B(*5)
L(*1)
W(*1)
10 A CANL
9 A CANH
32 A TX–
31 A TX+
1 C GVIF
1 D GVIF
12 A TX1–
13 A TX1+
F36(A), F37(B), F41(C), F47(D)
Parking Assist ECU
CB+
CGND(*5) CV–(*6)
CV+
CV–(*5) CGND(*6)
SCB+
SGND(*5) SCV–(*6)
SCV+
SCV–(*5) SGND(*6)
(Shielded)
FE3
EK2
SK1
IE1
(*5)
(*6)
(LHD)
(RHD)
BR
SCB+ SGND SCV– SCV+ SCV– SGND
Side Television Camera
I7(A)
Outer Rear View Mirror Assembly RH
I27(B)
Outer Rear View Mirror Assembly LH
S5(A), (B)
Rear Television Camera Assembly

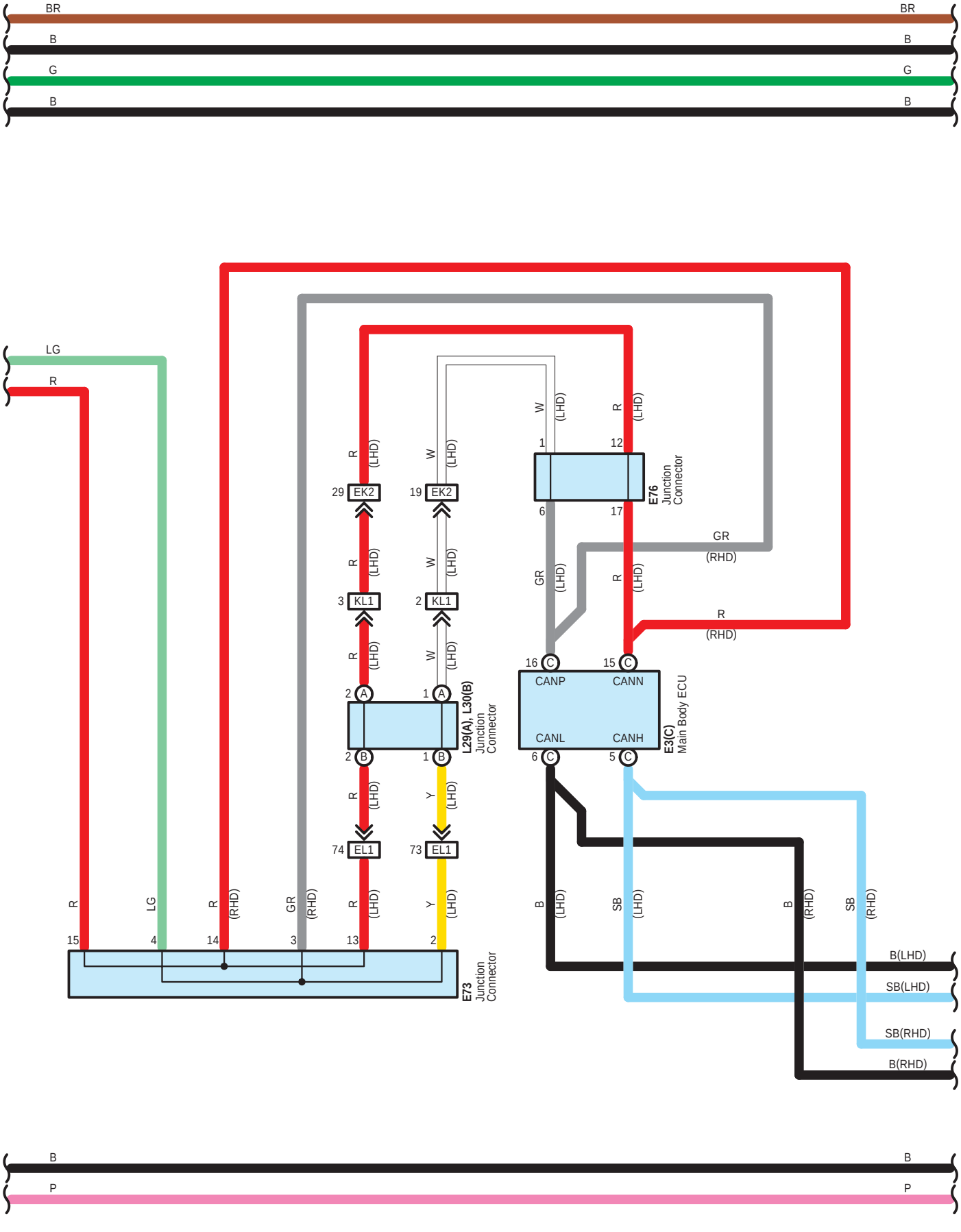
∗ 1 : w/ Rear Seat Entertainment System Before Jul. 2009 Production
∗ 2 : w/o Rear Seat Entertainment System Before Jul. 2009 Production
∗ 5 : Before Jul. 2009 Production
∗ 6 : From Jul. 2009 Production

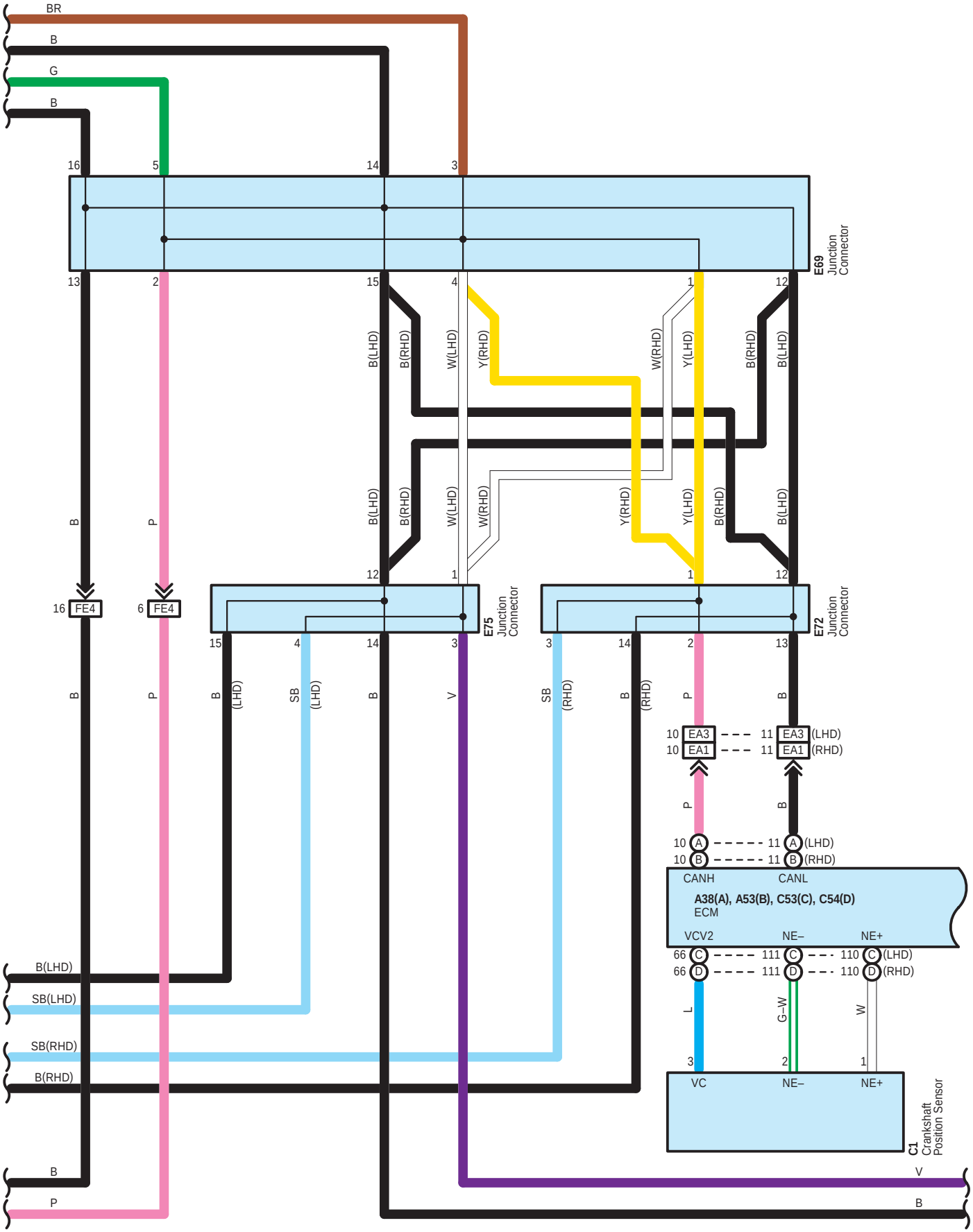


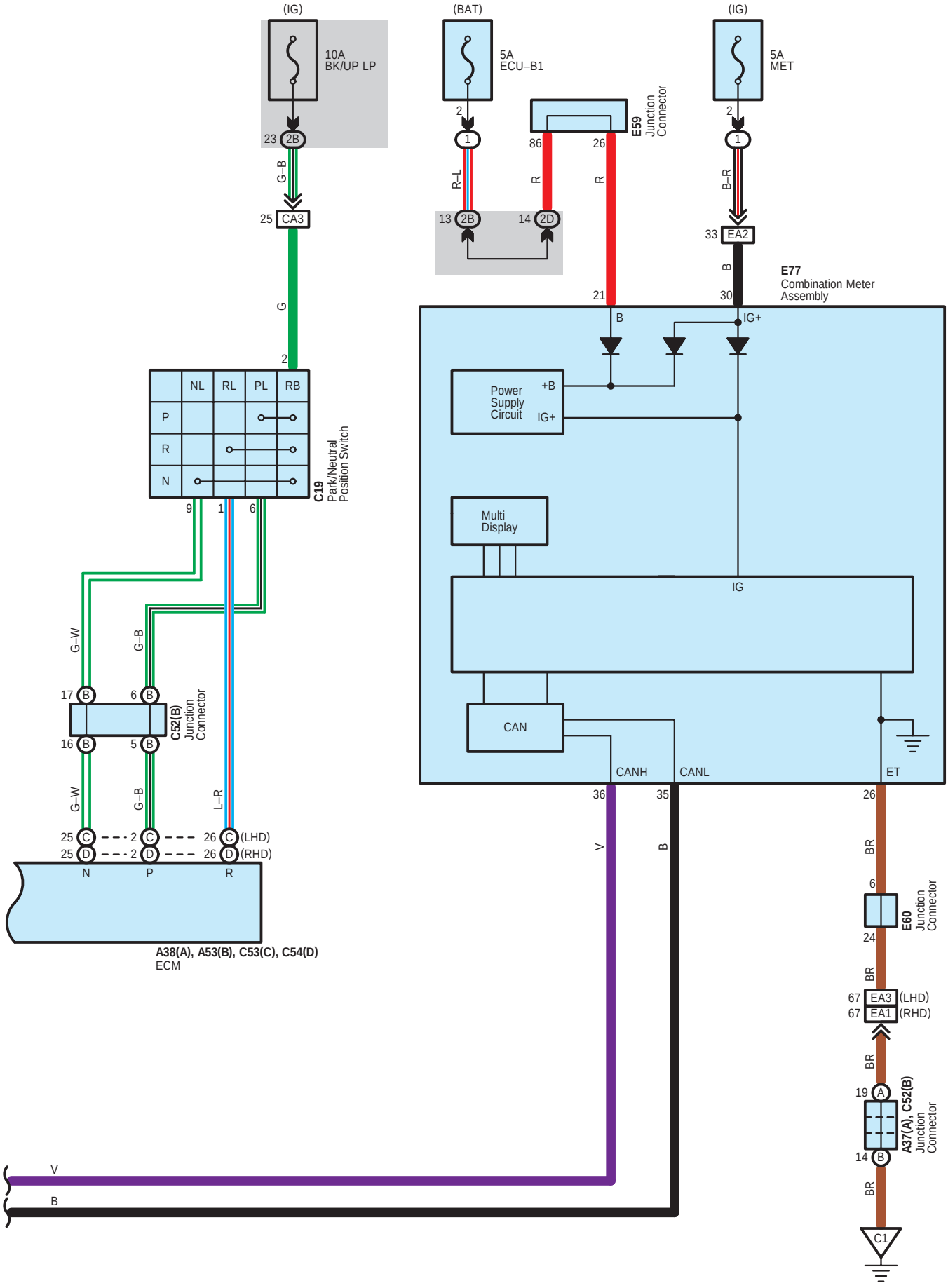

L(RHD)
SB(RHD)
L
V
L(RHD)
L(LHD)
SB(RHD)
Y(LHD)
Y (LHD)
L (LHD)
10 FE4
20 FE4
13
2
E74
Junction
Connector
1
12
16
5
Y (LHD)
L (LHD)
V
L
2
13
1
12
F21
Junction
Connector
3
14
W (RHD)
L (RHD)
L (RHD)
L (LHD)
V (LHD)
V (RHD)
2 AE3
32 EA1
31 EA1
1 AE3
L (RHD)
L (LHD)
V (LHD)
V (RHD)
Y
L
1 FE4
11 FE4
3 A
4 A
A49(A), A50(B)
Short
Connector
3 B
4 B
L
V
L
Y
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)
W(RHD)
B
B
P
P


L(RHD)
SB(RHD)
BR
B
G
B
L(LHD)
SB(LHD)
13
2
12
1
E71
Junction
Connector
SB(LHD)
SB(RHD)
L(LHD)
L(RHD)
BR
B
G
B
L
(LHD)
W
(LHD)
13
12
16
15
CA2H
CA2L
CA1H
CA1L
E31
Network Gateway ECU
3
A
4
A
CANH
CANL
SG–2
TAM
E35(A)
A/C Amplifier
Assembly
16
A
10
A
12
1
L
(RHD)
W
(RHD)
E68
Junction
Connector
13
2
G
V
9
EA2
10
EA2
L
Y
G
V
1
2
A14
Ambient Temperature
Sensor
L(RHD)
W(RHD)
B
B
P
P


BR
B
G
B
(IG)
10A
ECU–IG
No. 2
7 2D
9 A
IG
R7(A), R12(B)
Overhead Module
GND7
GND5
IG2
GND2
17 B
20 B
8 A
19 B
W–B
W–B
G
W
4
1
SIG
ES
R11
Rain Sensor
MPX
3
R
19 RE2
51
E60
Junction
Connector
31
16 RE2
11 RE2
R
7 B
MPX1
E89(A), E90(B)
Windshield Wiper ECU
LG
R
6 B
5 B
CANH
CANL
E
ES
2S
1S
AUTO
10 B
6 A
9 A
10 A
1 B
B
R
G
R
2 B
4 B
3 B
9 B (LHD)
3 C
1 C
2 C
6 C (RHD)
3
1
E62
Junction
Connector
+B
+2
+1
AUTO
+B
+2
+1
+S
AUTO
E
MIST
OFF
AUTO
LO
HI
Front Wiper Switch
E16(B), (C)
Windshield Wiper
Switch Assembly
E
10 B (LHD)
5 C (RHD)
W–B
W–B
W–B
W–B
(RHD)
W–B
(LHD)
B
P
E1
E3
E1


BR
B
G
B
BR
B
G
B
LG
R
R (LHD)
W (LHD)
R (LHD)
29 EK2
19 EK2
1
12
E76 Junction Connector
6
17
GR (RHD)
R (RHD)
GR (LHD)
R (LHD)
3 KL1
2 KL1
16 C
15 C
CANP
CANN
CANL
CANH
E3(C) Main Body ECU
6 C
5 C
2 A
1 A
2 B
1 B
L29(A), L30(B) Junction Connector
R (LHD)
Y (LHD)
74 EL1
73 EL1
R
LG
R (RHD)
GR (RHD)
R (LHD)
Y (LHD)
15
4
14
3
13
2
E73 Junction Connector
B (LHD)
SB (LHD)
B (RHD)
SB (RHD)
B(LHD)
SB(LHD)
SB(RHD)
B(RHD)
B
P
B
P

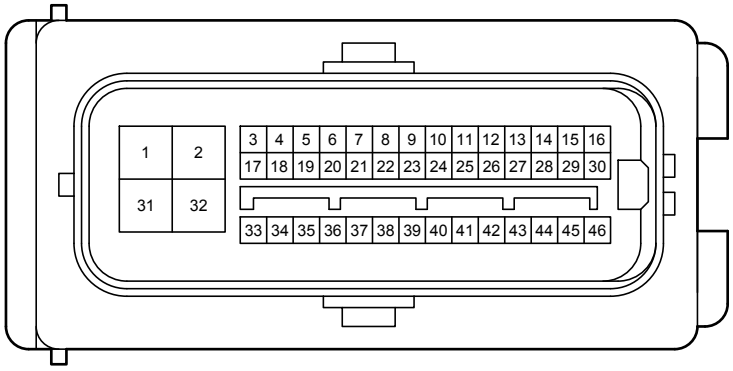

BR
B
G
B
16
5
14
3
E69
Junction
Connector
13
2
15
4
1
12
B(LHD)
B(RHD)
W(LHD)
Y(RHD)
W(RHD)
Y(LHD)
B(RHD)
B(LHD)
B
P
16 FE4
6 FE4
12
1
E75
Junction
Connector
E72
Junction
Connector
15
4
14
3
2
13
B (LHD)
SB (LHD)
SB (RHD)
B (RHD)
V
P
B
10 EA3
10 EA1
11 EA3 (LHD)
11 EA1 (RHD)
10 A
10 B
11 A (LHD)
11 B (RHD)
CANH
CANL
A38(A), A53(B), C53(C), C54(D)
ECM
VCV2
NE–
NE+
66 C
66 D
111 C
111 D
110 C (LHD)
110 D (RHD)
L
G–W
W
3
2
1
VC
NE–
NE+
C1
Crankshaft
Position Sensor
B(LHD)
SB(LHD)
SB(RHD)
B(RHD)
B
P
V
B


(IG)
10A
BK/UP LP
23 2B
G–B
25 CA3
G
2
(BAT)
5A
ECU–B1
2
1
R–L
13 2B
14 2D
86
R
26
R
E59
Junction
Connector
21
(IG)
5A
MET
2
1
B–R
33 EA2
B
30
E77
Combination Meter
Assembly
B
IG+
Power
Supply
Circuit
+B
IG+
Multi
Display
IG
CAN
CANH
CANL
ET
36
35
26
NL
RL
PL
RB
P
R
N
9
1
6
C19
Park/Neutral
Position Switch
G–W
G–B
17 B
6 B
C52(B)
Junction
Connector
16 B
5 B
G–W
G–B
L–R
25 C
25 D
2 C
2 D
26 C
26 D
(LHD)
(RHD)
N
P
R
A38(A), A53(B), C53(C), C54(D)
ECM
V
B
V
B
BR
6
E60
Junction
Connector
24
BR
67 EA3
67 EA1
(LHD)
(RHD)
BR
19 A
14 B
A37(A), C52(B)
Junction
Connector
BR
C1

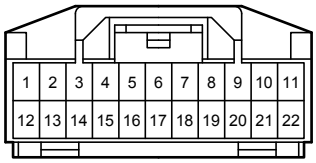
A 14
Black



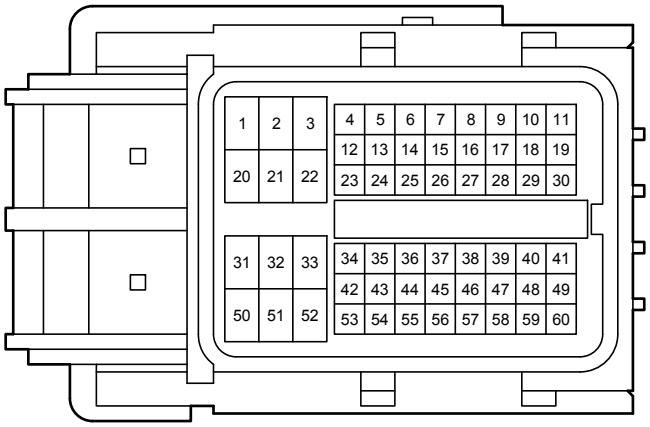

A 24
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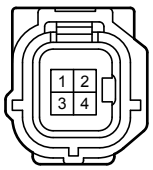

A 37
Blue




A 38
Black



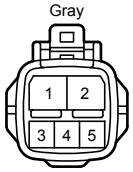

A 43
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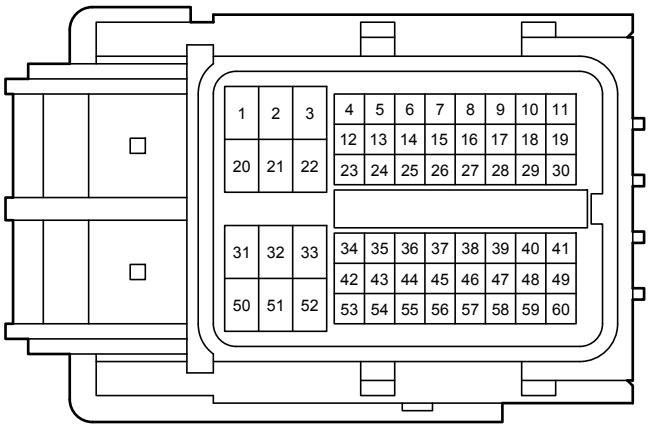

A 49
Gray



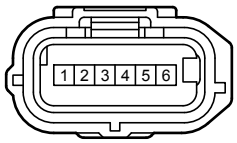

A 50
Gray



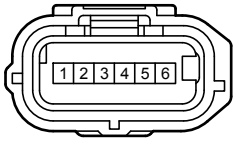

A 53
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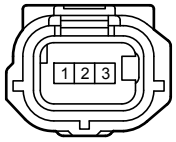

B 3
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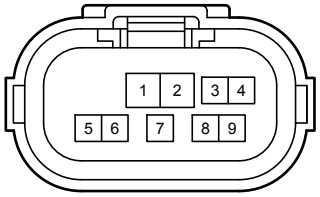
B 4
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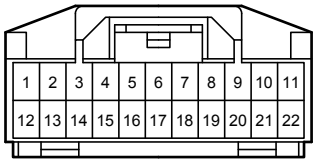

C 1
Black



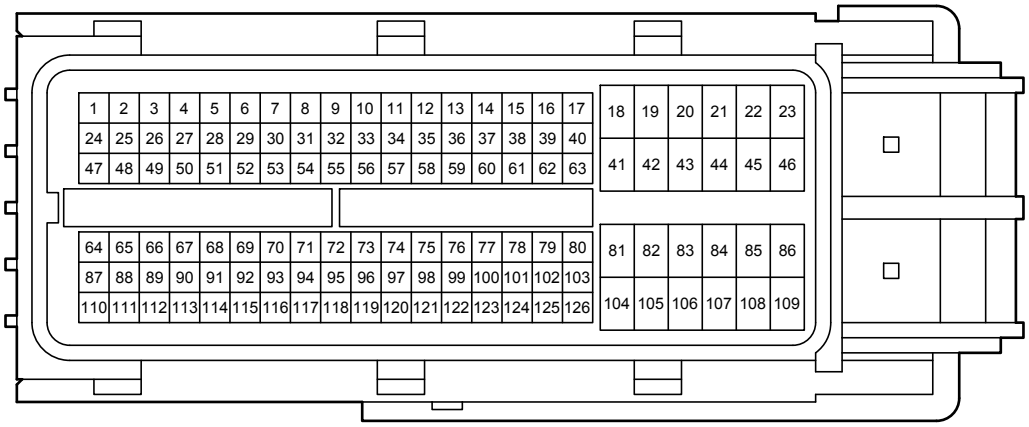

C 19
Gray



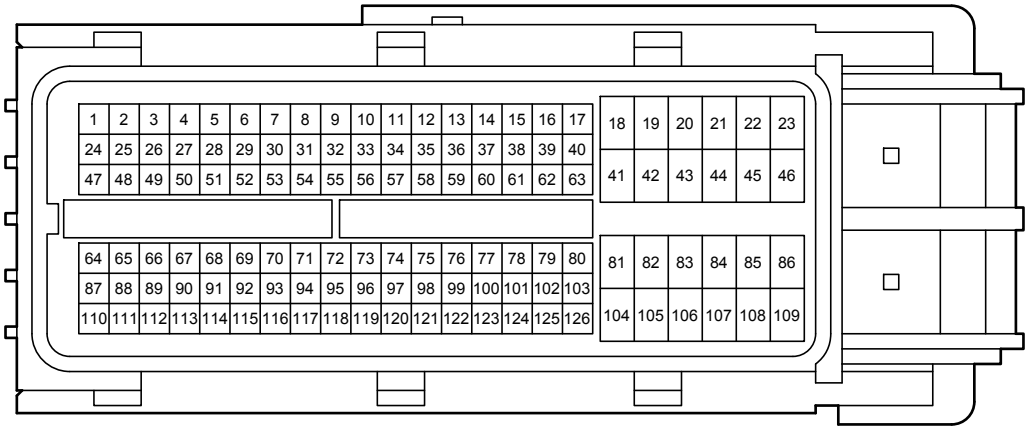

C 52
Blue



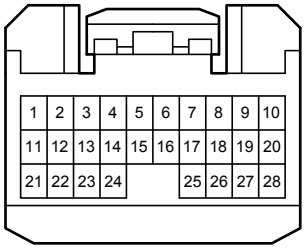

C 53
Black



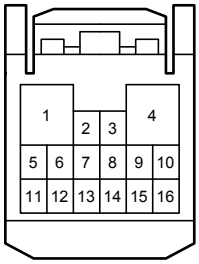

C 54
Black



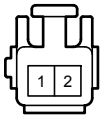
E 2
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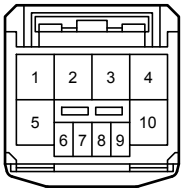

E 3
White



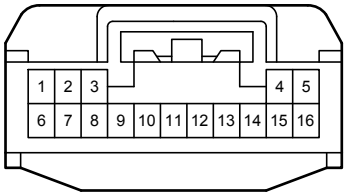

E 10
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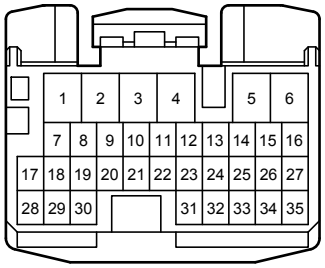

E 16
White



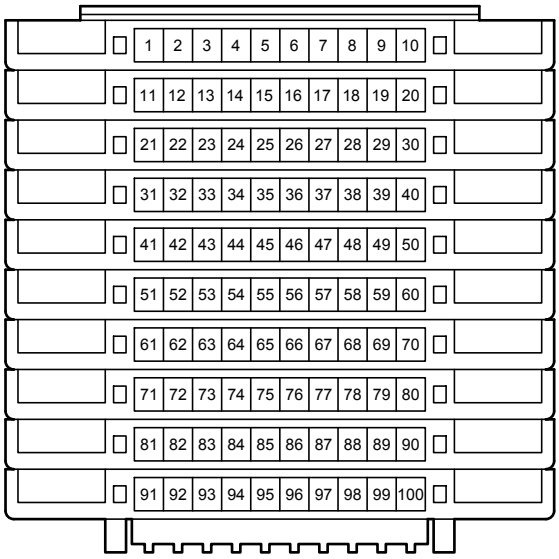

E 31
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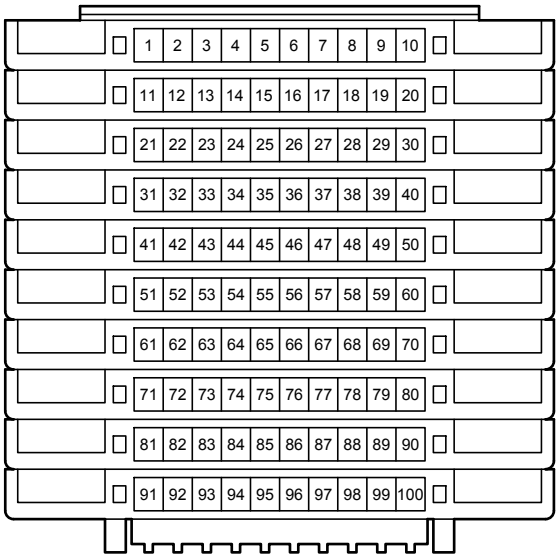

E 35
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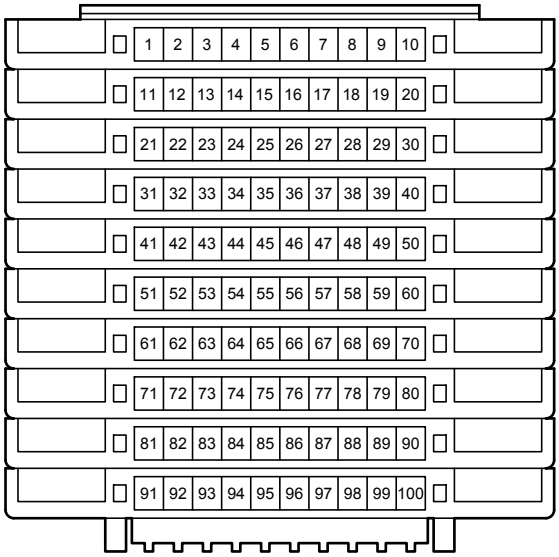

E 59
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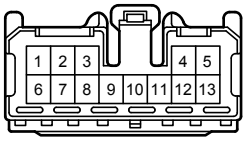

E 60
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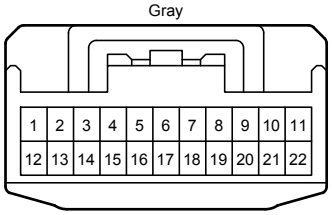
E 61
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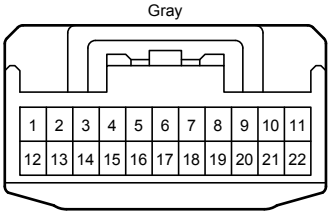

E 62
White



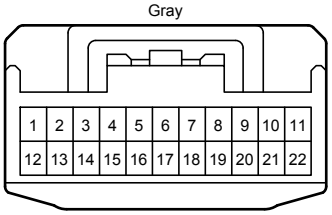

E 68
Gray



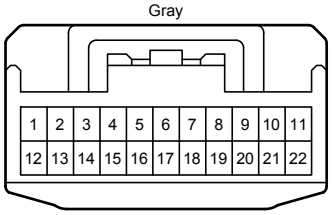

E 69
Gray



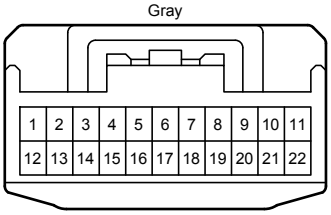

E 71
Gray



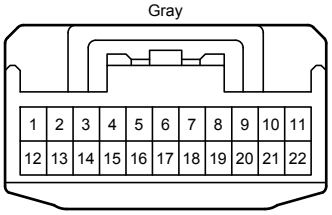

E 72
Gray



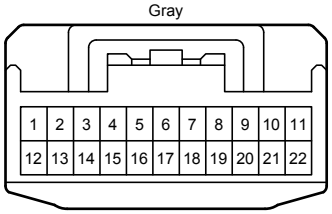

E 73
Gray



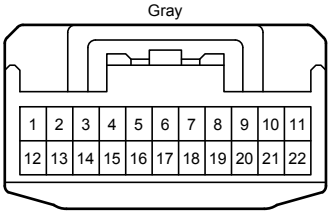

E 74
Gray



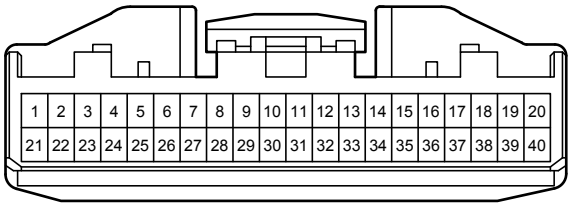

E 75
Gray



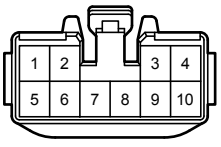

E 76
Gray



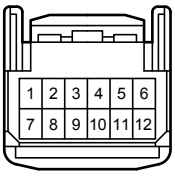

E 77
White



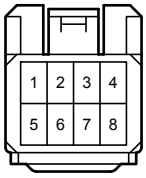

E 89
Blue



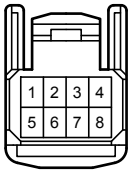

E 90
White



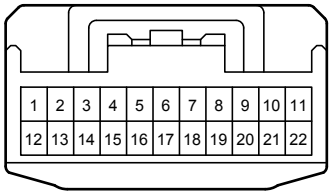
E 95
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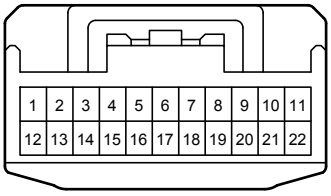

E 97
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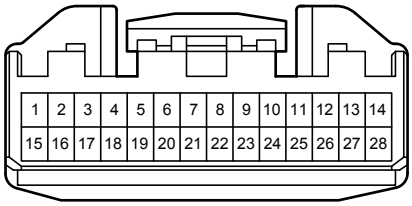

F 20
Gray



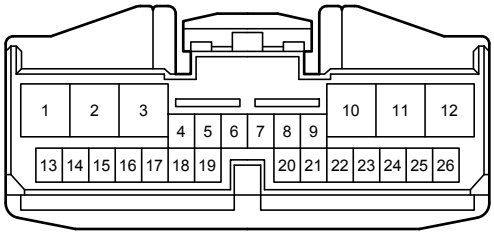

F 21
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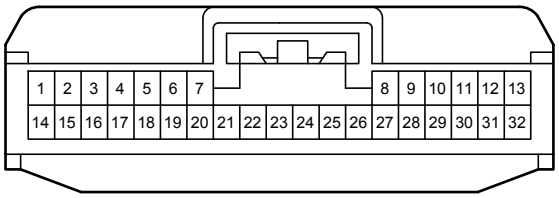

F 27
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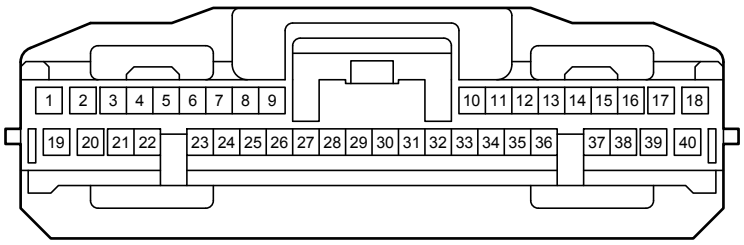

F 28
White




F 36
White




F 37
White




F 40
Blue




F 41
White




F 42
Blue



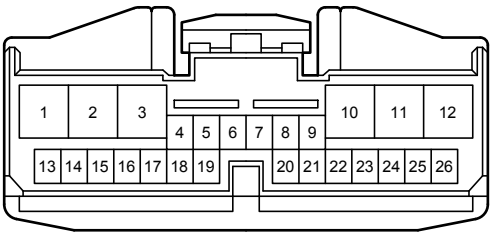

F 47
Blue



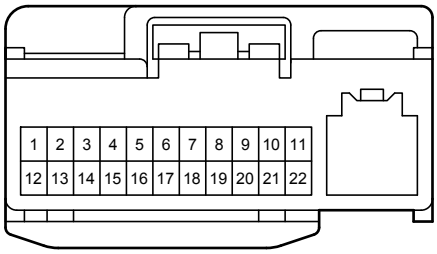

F 51
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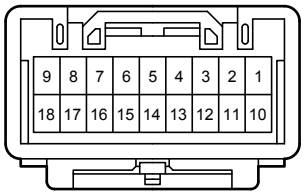

F 58
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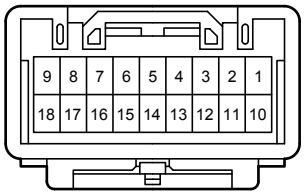

F 60
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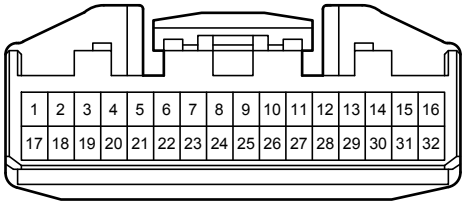

I 7
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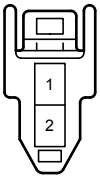

I 27
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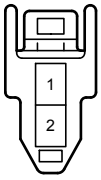
L 26
White




L 29
White




L 30
White



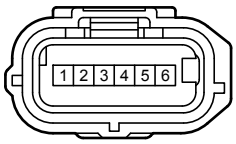

L 32
Blue



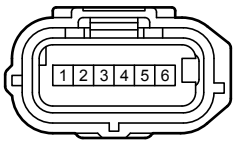

L 49
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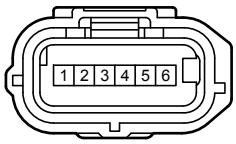

O 1
Black



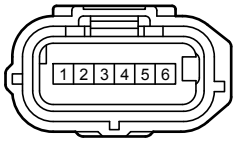

O 2
Black



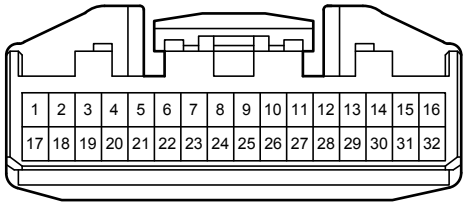

O 3
Black



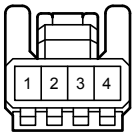

O 4
Black



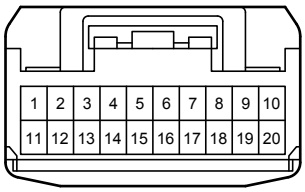

R 7
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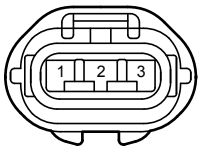

R 11
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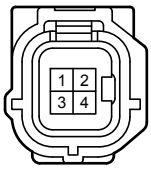

R 12
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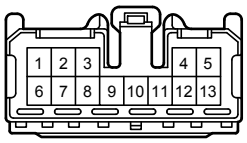

S 1
Black



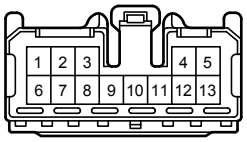

S 5
Black



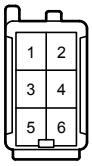

S 15
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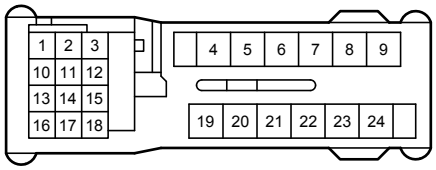

S 16
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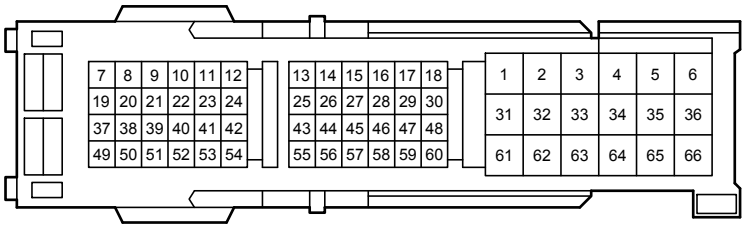

S 19
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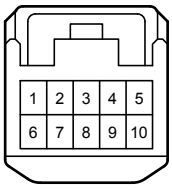

2B
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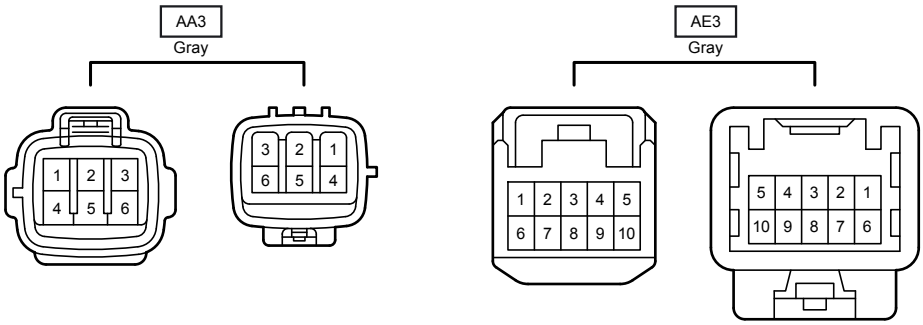


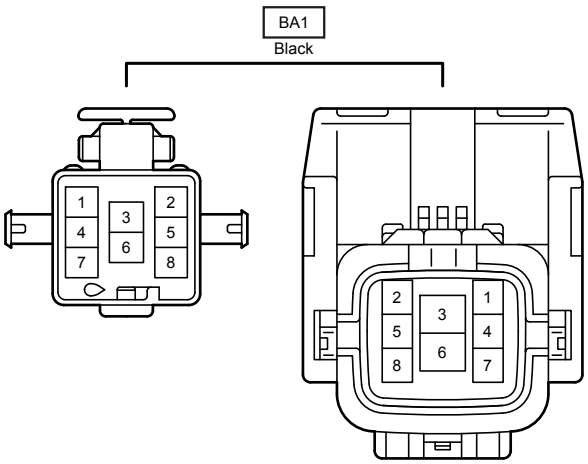

2D
White

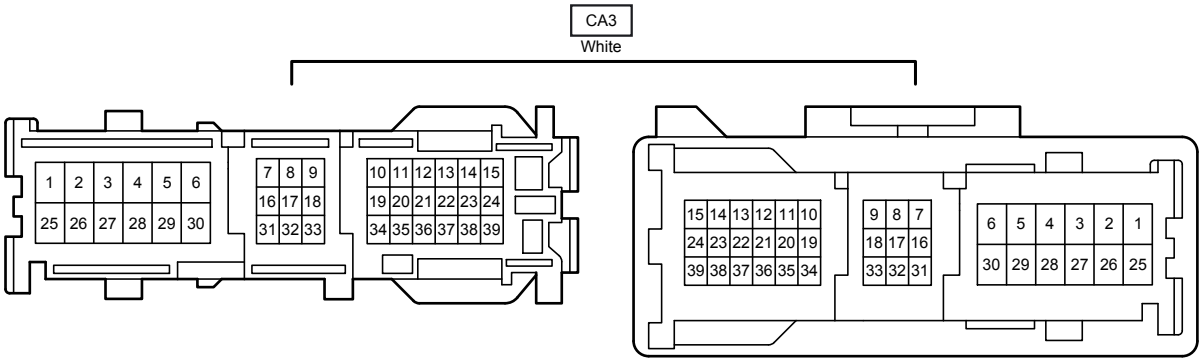



2E
White



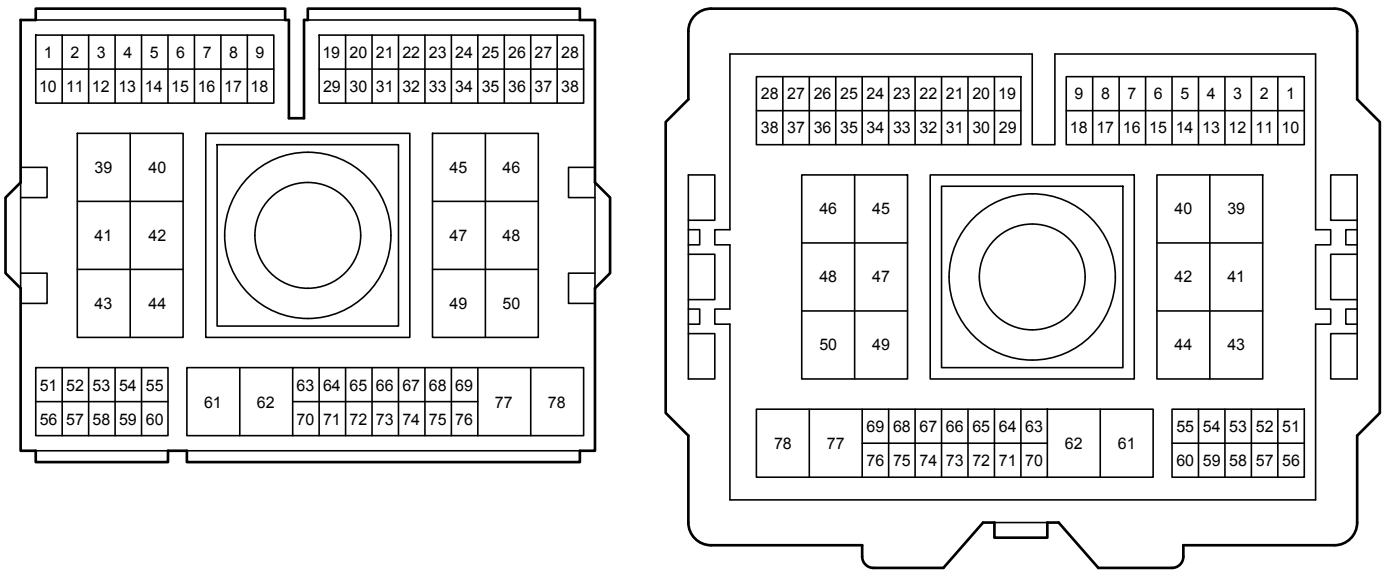

AA3
Gray
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4 5 6
3 2 1
6 5 4
AE3
Gray
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6


BA1
Black
1 2
4 3 5
7 6 8
2 1
5 3 4
8 6 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

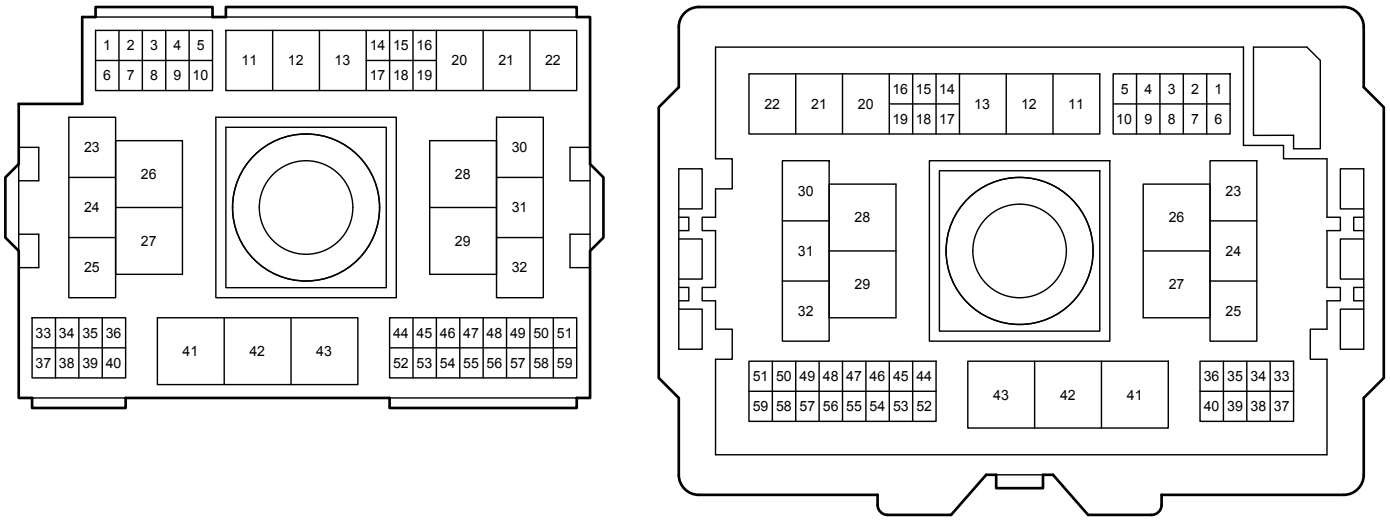
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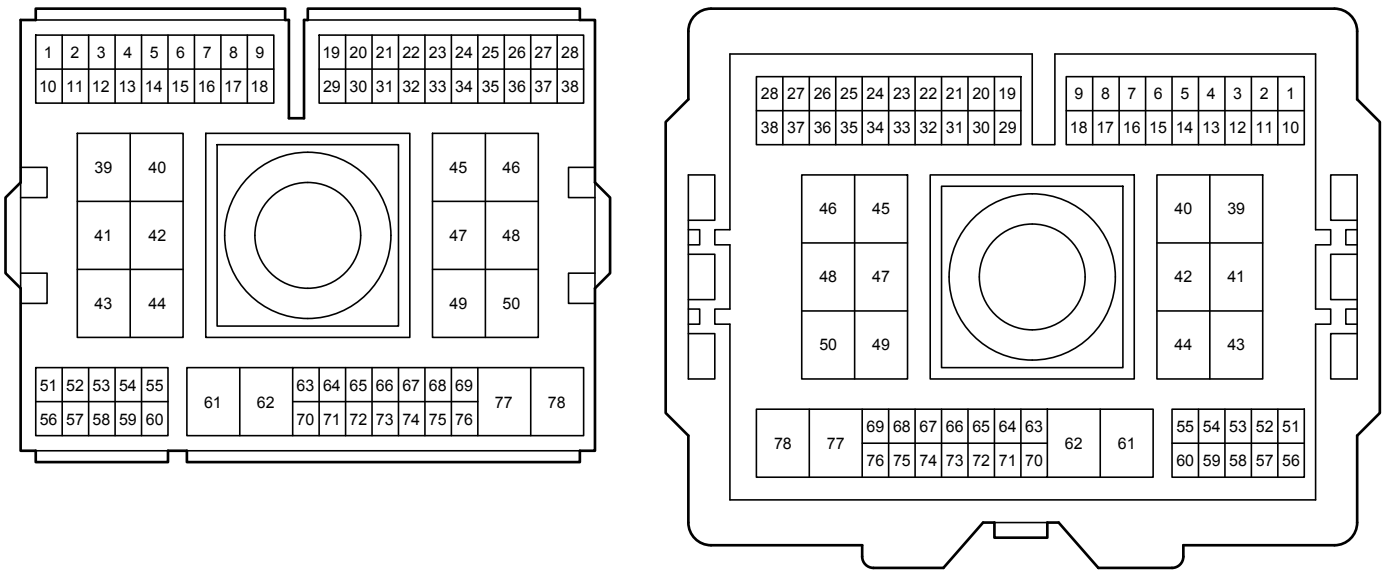

EA2

White

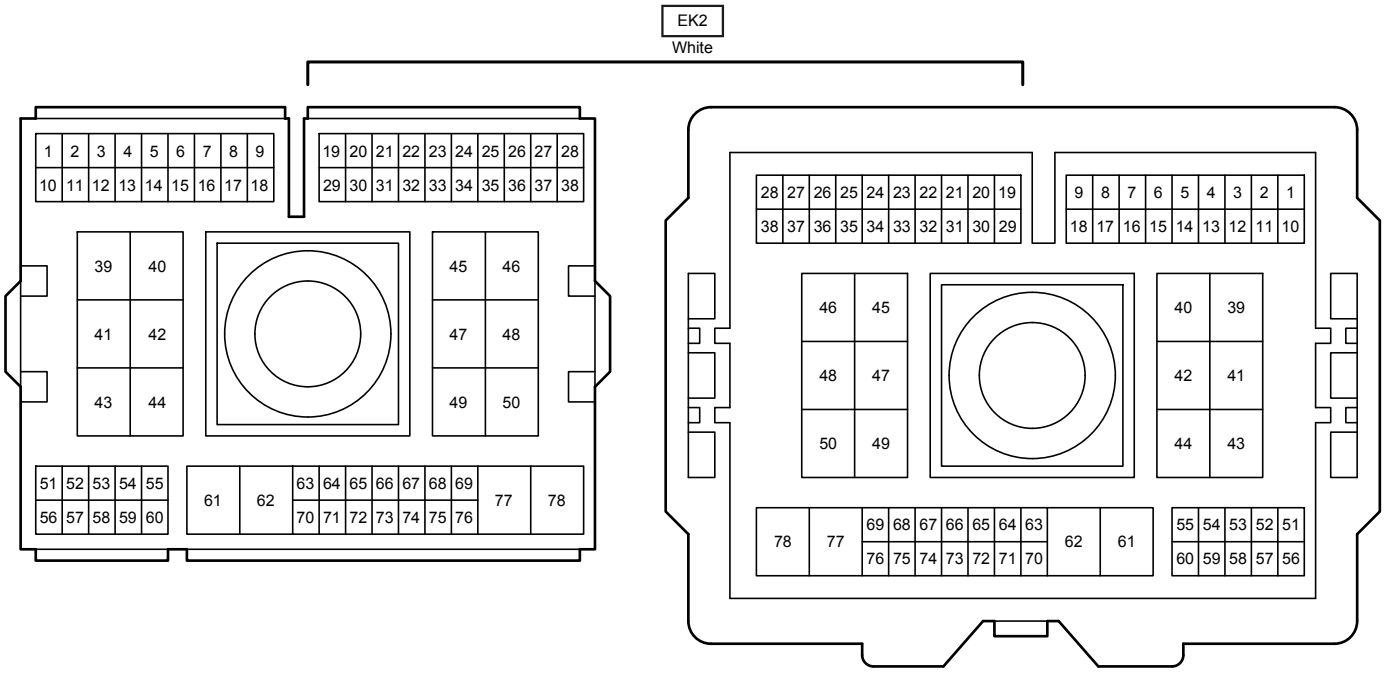
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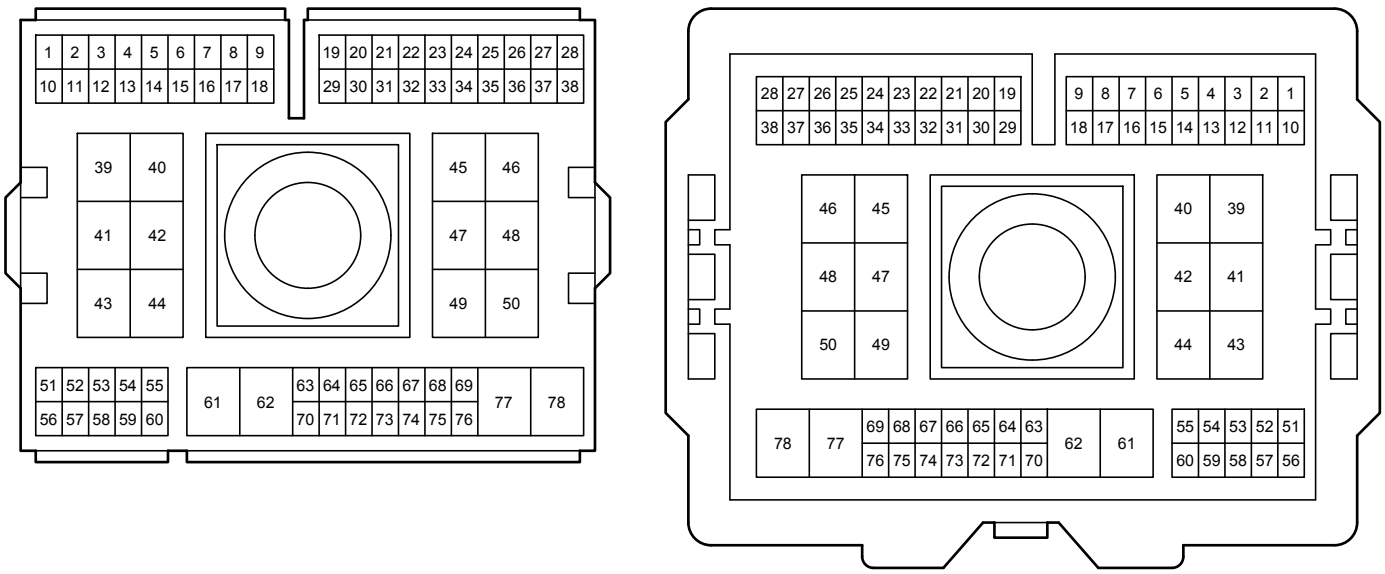
EA3
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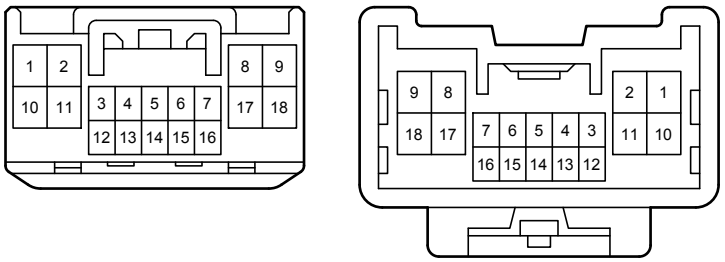

EK2
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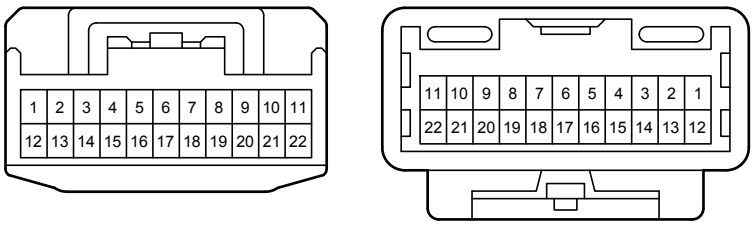
EL1
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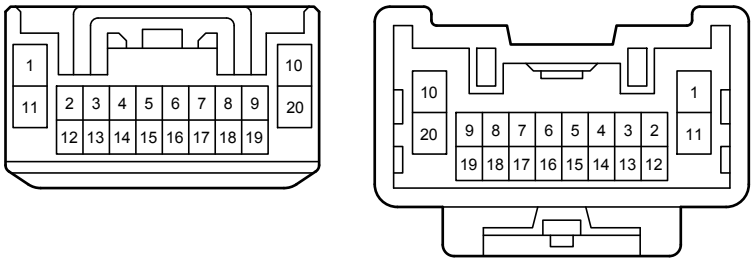

FE1
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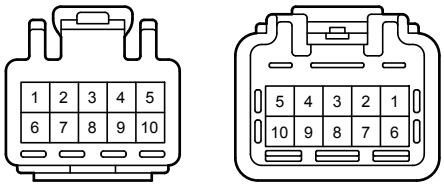

FE3
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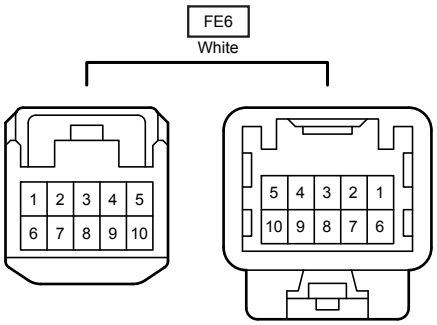


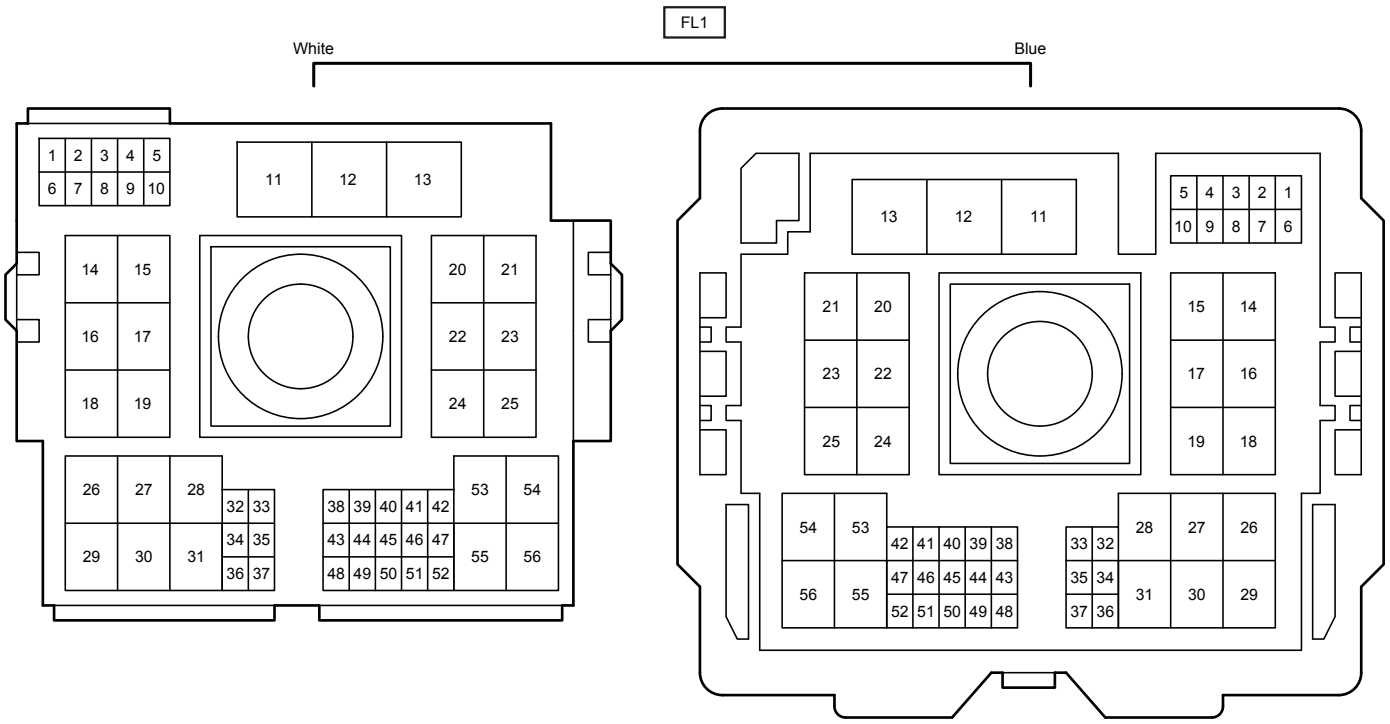

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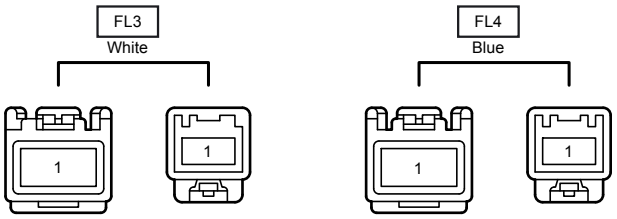


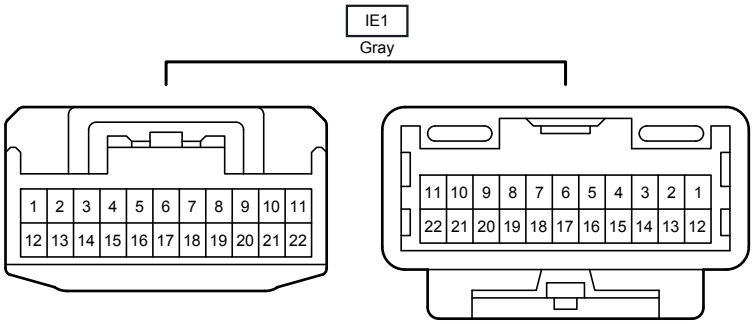

FE5
White



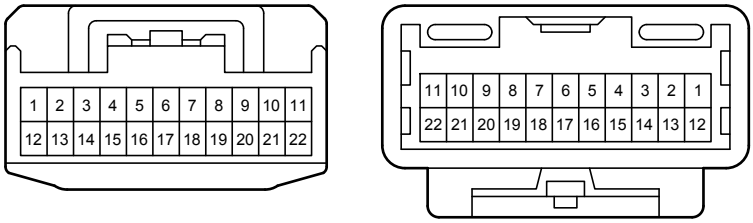

FE6
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6


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
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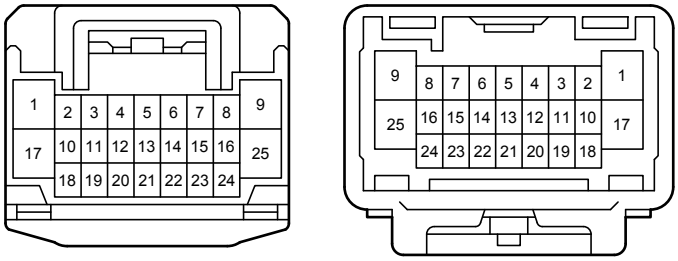

FL3
White
1
1
FL4
Blue
1
1


IE1
Gray
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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

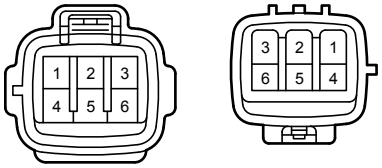
IE4
Gray



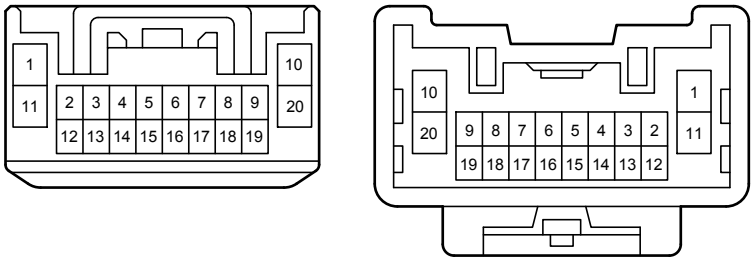

KL1
White



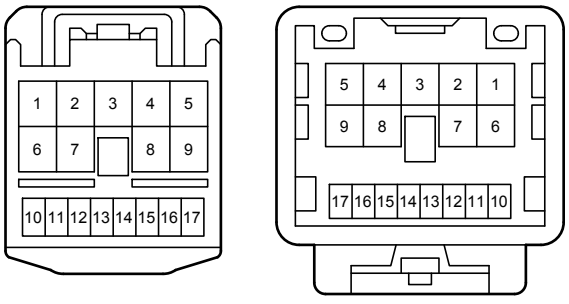

OK1
Black

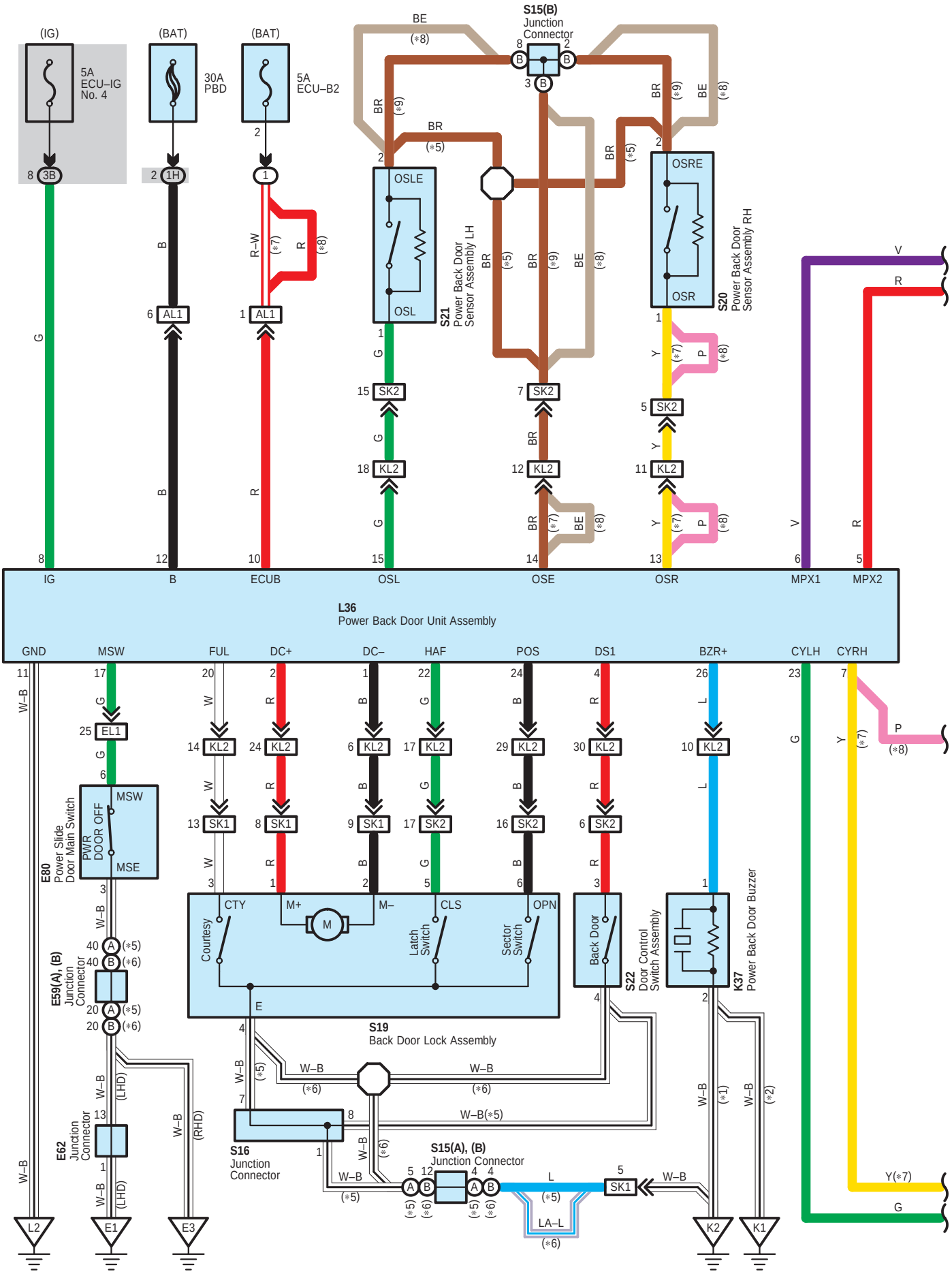


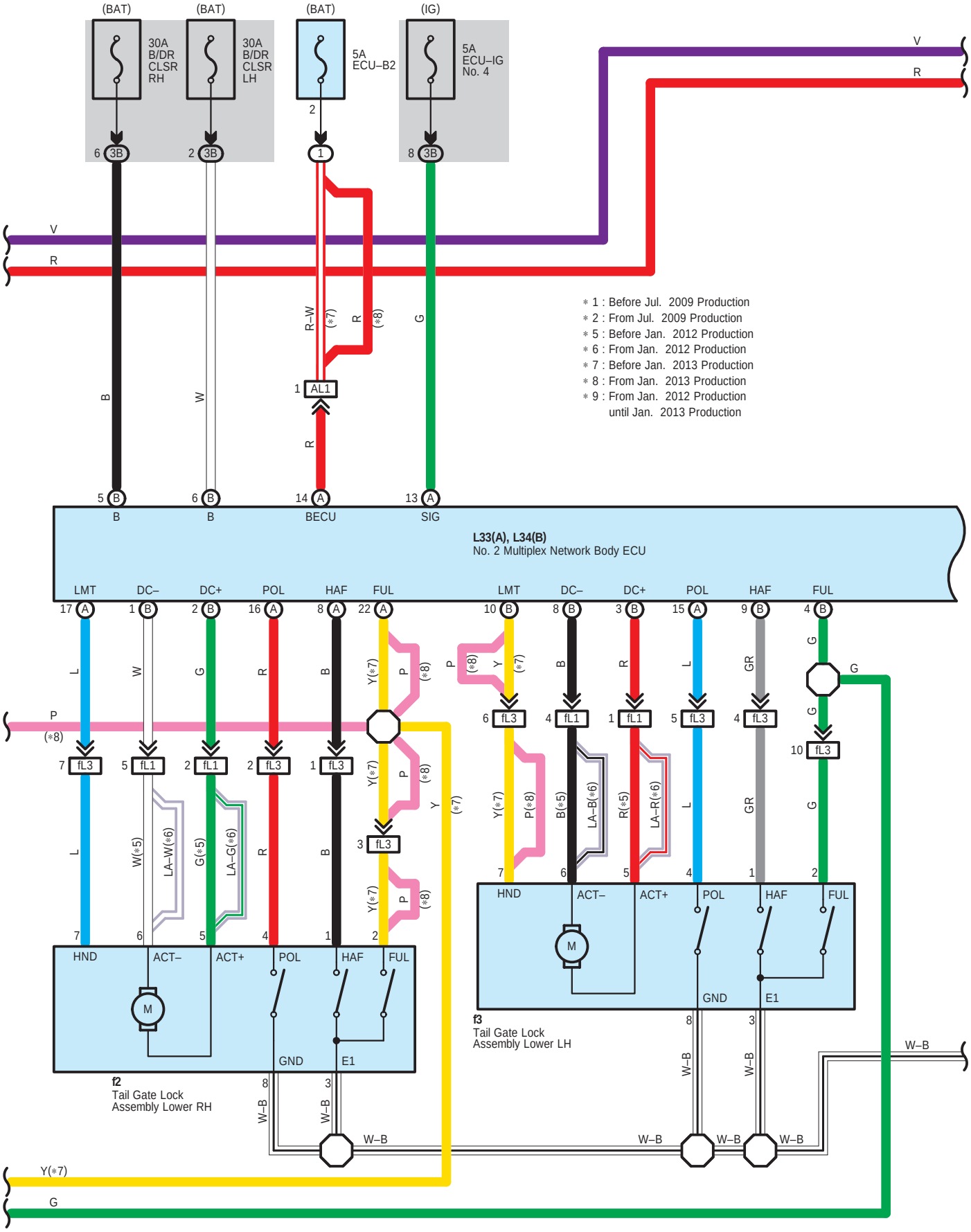

RE2
Blue

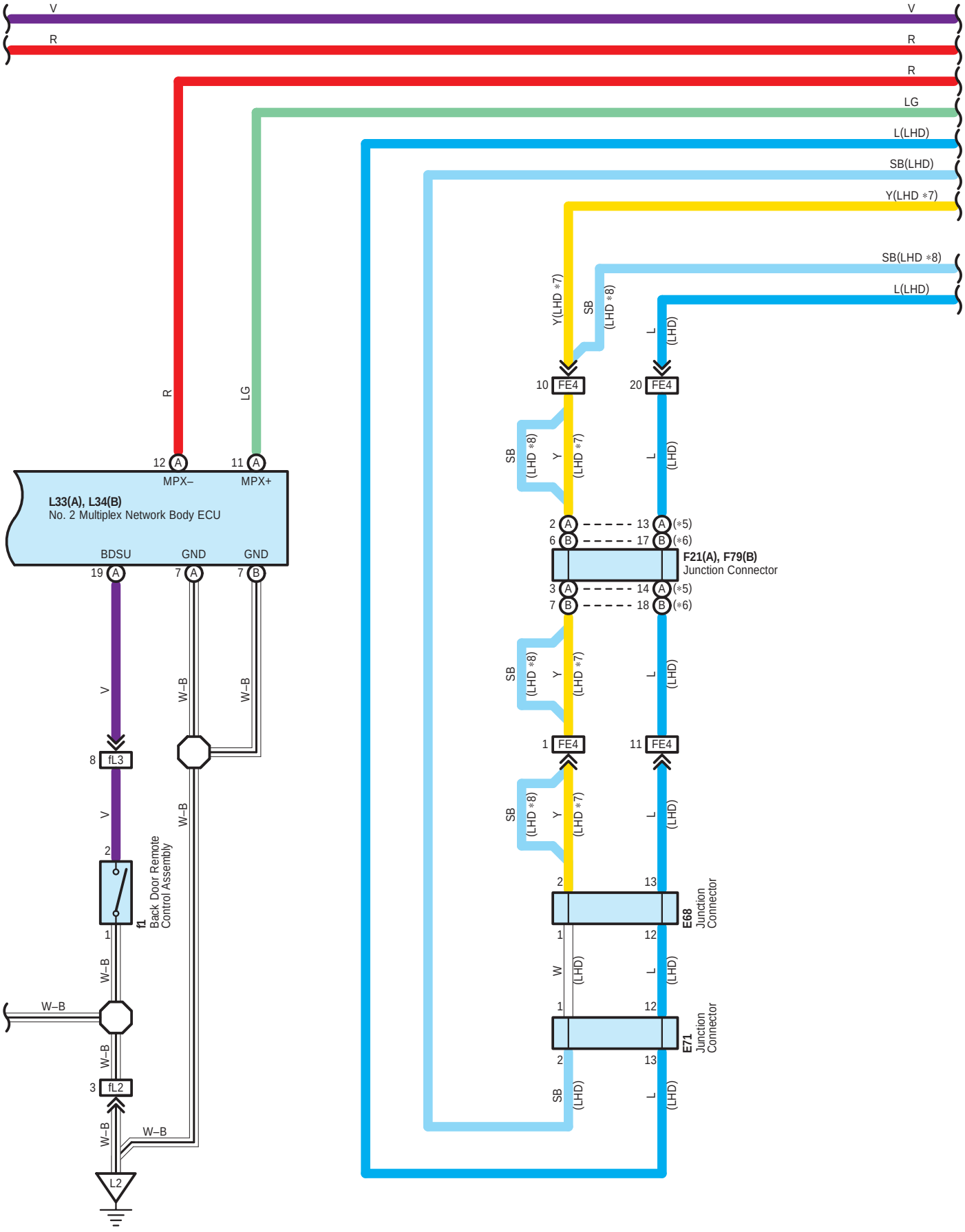


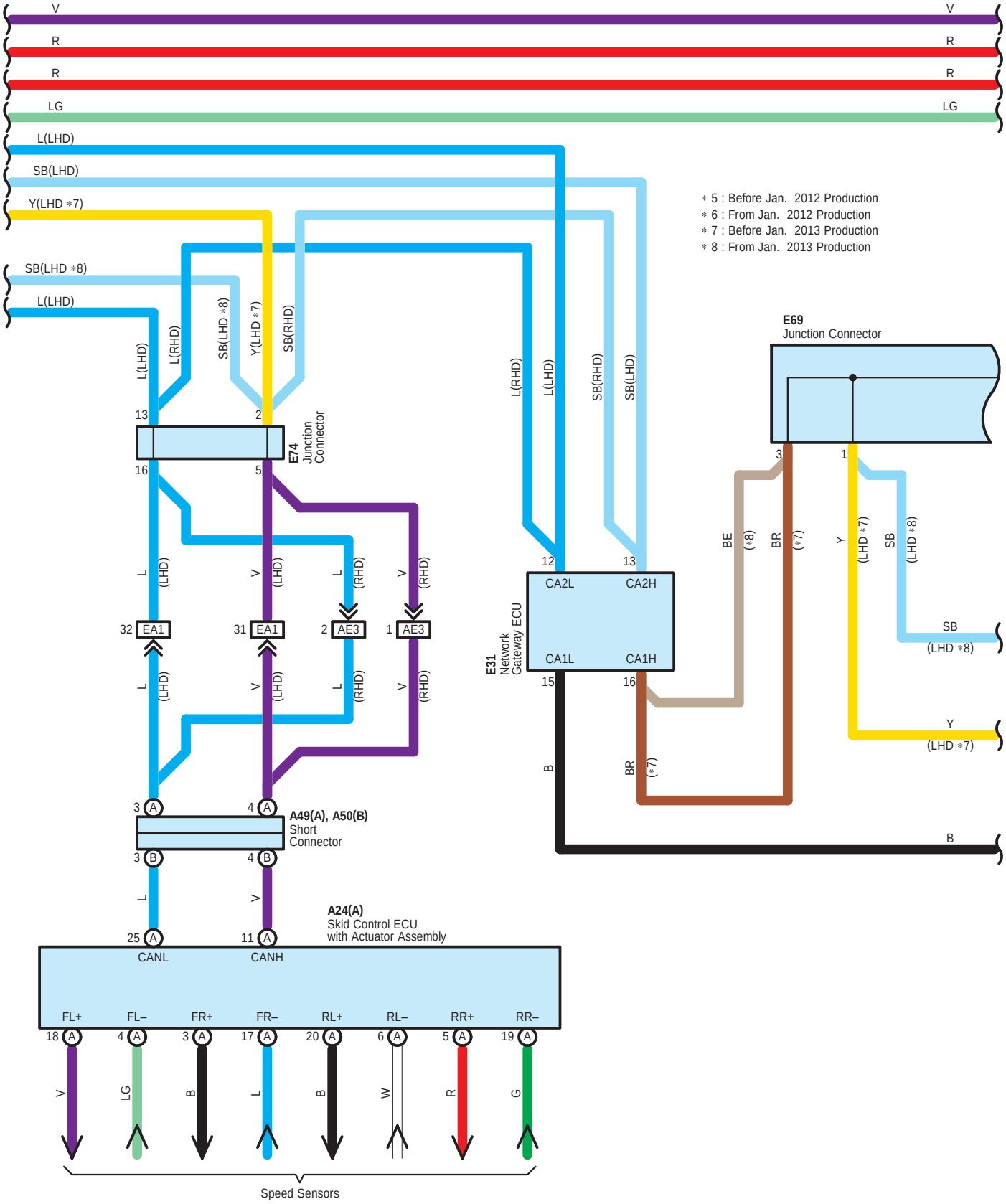

SK1
White




(IG)
(BAT)
(BAT)
5A ECU–IG No. 4
30A PBD
5A ECU–B2
S15(B) Junction Connector
BE (*8)
BR (*9)
BR (*5)
OSLE
OSL
S21 Power Back Door Sensor Assembly LH
OSRE
OSR
S20 Power Back Door Sensor Assembly RH
R–W (*7)
R (*8)
G
B
R
BR
BE
Y
P
V
R
IG
B
ECUB
OSL
OSE
OSR
MPX1
MPX2
L36 Power Back Door Unit Assembly
GND
MSW
FUL
DC+
DC–
HAF
POS
DS1
BZR+
CYLH
CYRH
E80 Power Slide Door Main Switch
PWR DOOR OFF
MSW
MSE
E59(A), (B) Junction Connector
E62 Junction Connector
(LHD)
(RHD)
CTY
M+
M–
CLS
OPN
Courtesy
Latch Switch
Sector Switch
Back Door
S19 Back Door Lock Assembly
S22 Door Control Switch Assembly
K37 Power Back Door Buzzer
S16 Junction Connector
S15(A), (B) Junction Connector
W–B
W–B(*5)
L
LA–L
Y(*7)
G
L2
E1
E3
K2
K1

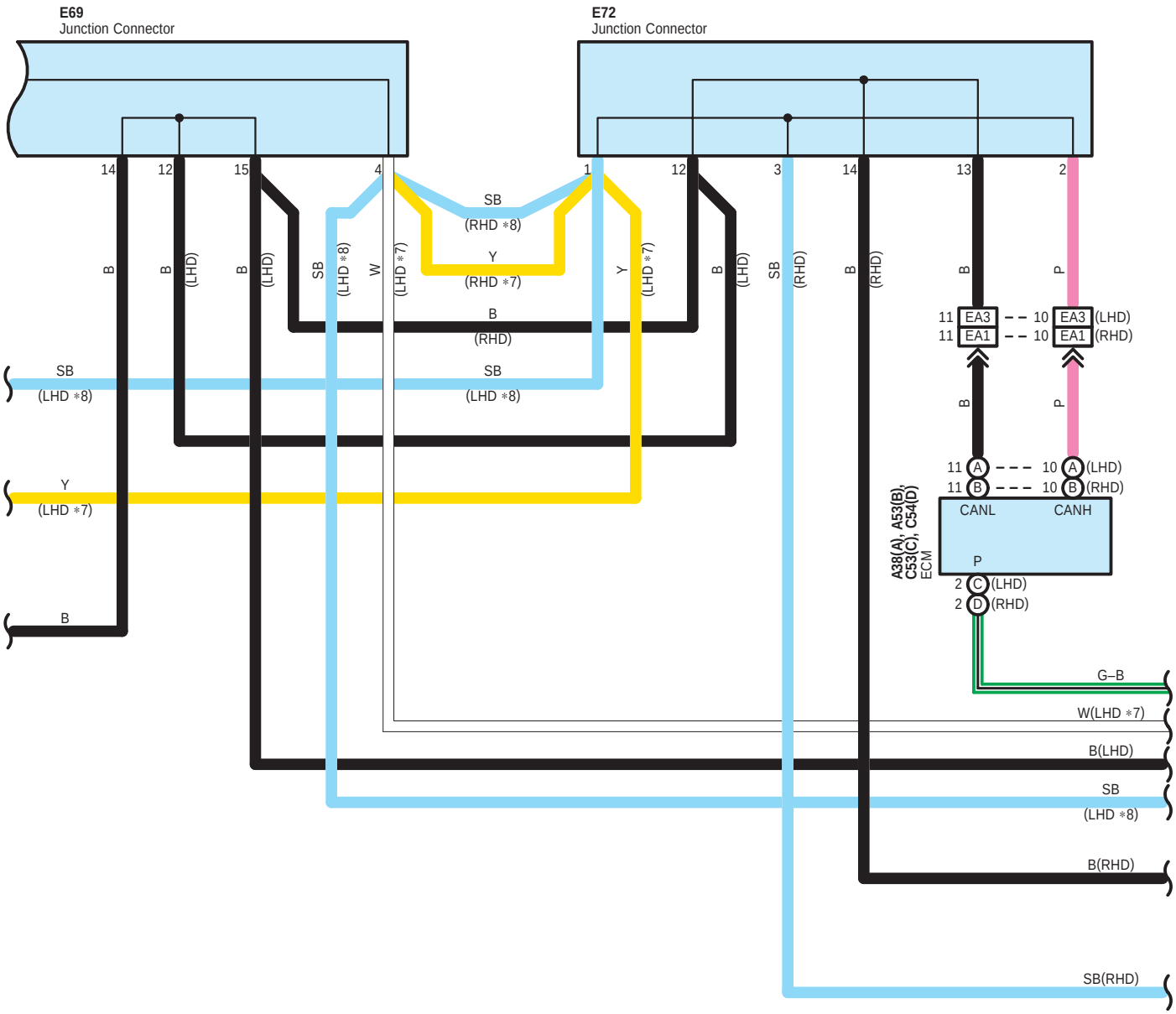

(BAT)
(BAT)
(BAT)
(IG)
30A B/DR CLSR RH
30A B/DR CLSR LH
5A ECU–B2
5A ECU–IG No. 4
V
R
∗ 1 : Before Jul. 2009 Production
∗ 2 : From Jul. 2009 Production
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 7 : Before Jan. 2013 Production
∗ 8 : From Jan. 2013 Production
∗ 9 : From Jan. 2012 Production until Jan. 2013 Production
AL1
B
W
R–W
R
G
BECU
SIG
L33(A), L34(B)
No. 2 Multiplex Network Body ECU
LMT
DC–
DC+
POL
HAF
FUL
HND
ACT–
ACT+
GND
E1
M
f2
Tail Gate Lock Assembly Lower RH
f3
Tail Gate Lock Assembly Lower LH
W–B
Y(∗7)
P
P(∗8)
B(∗5)
LA–B(∗6)
R(∗5)
LA–R(∗6)
W(∗5)
LA–W(∗6)
G(∗5)
LA–G(∗6)
GR
L
Y
G

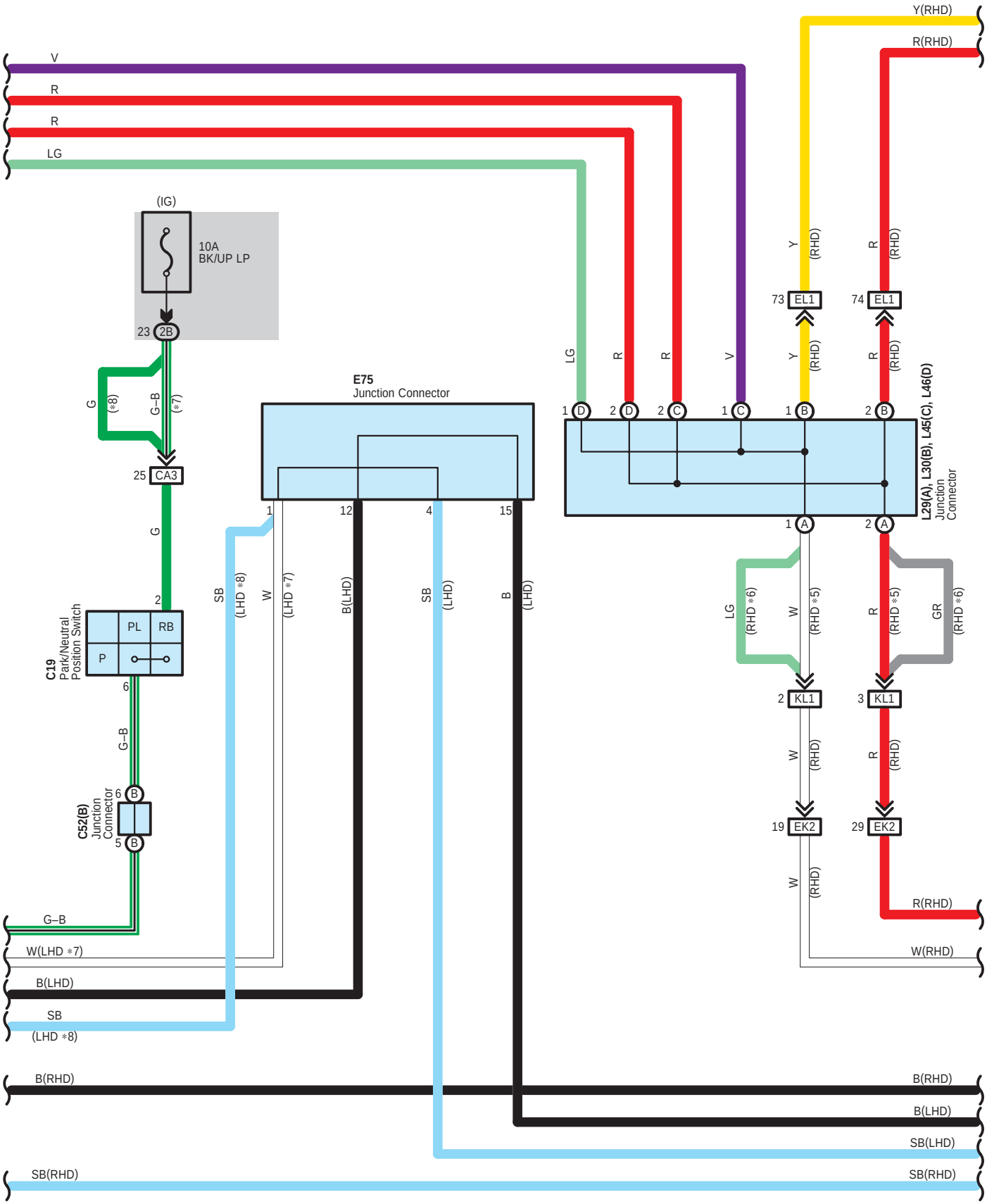

V
R
R
LG
L(LHD)
SB(LHD)
Y(LHD *7)
SB(LHD *8)
L(LHD)
R
LG
12 A
11 A
MPX–
MPX+
L33(A), L34(B)
No. 2 Multiplex Network Body ECU
BDSU
GND
GND
19 A
7 A
7 B
V
W–B
W–B
8 fL3
V
2
1
W–B
f1
Back Door Remote Control Assembly
W–B
W–B
W–B
3 fL2
W–B
W–B
L2
Y(LHD *7)
SB (LHD *8)
L (LHD)
10 FE4
20 FE4
SB (LHD *8)
Y (LHD *7)
L (LHD)
2 A
6 B
13 A (*5)
17 B (*6)
F21(A), F79(B)
Junction Connector
3 A
7 B
14 A (*5)
18 B (*6)
SB (LHD *8)
Y (LHD *7)
L (LHD)
1 FE4
11 FE4
SB (LHD *8)
Y (LHD *7)
L (LHD)
2
13
E68
Junction Connector
1
12
W (LHD)
L (LHD)
1
12
E71
Junction Connector
2
13
SB (LHD)
L (LHD)

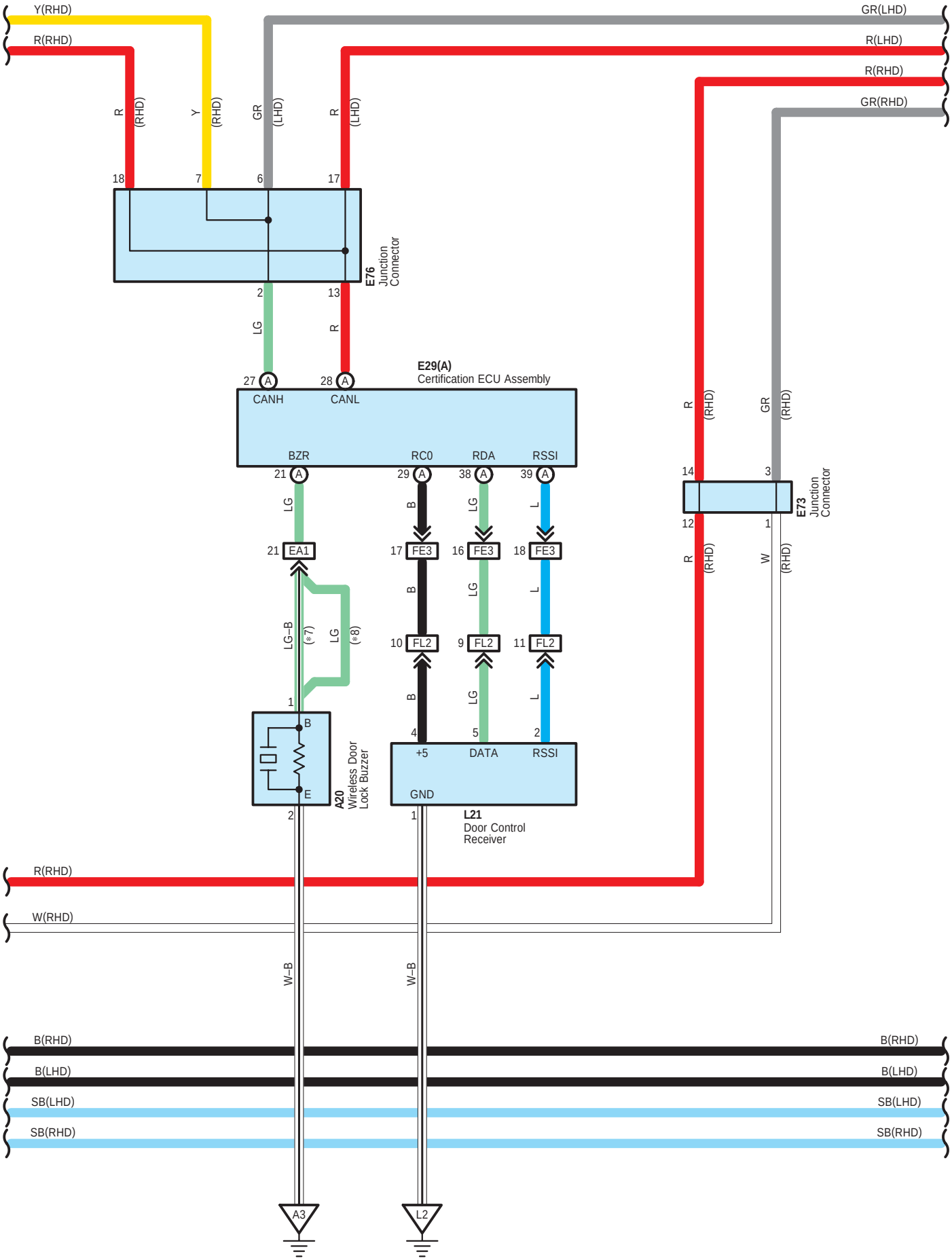

V
R
R
LG
L(LHD)
SB(LHD)
Y(LHD ∗7)
SB(LHD ∗8)
L(LHD)
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 7 : Before Jan. 2013 Production
∗ 8 : From Jan. 2013 Production
E69
Junction Connector
E74
Junction Connector
E31
Network Gateway ECU
CA2L
CA2H
CA1L
CA1H
A49(A), A50(B)
Short Connector
A24(A)
Skid Control ECU with Actuator Assembly
CANL
CANH
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
Speed Sensors
BE (∗8)
BR (∗7)
Y (LHD ∗7)
SB (LHD ∗8)

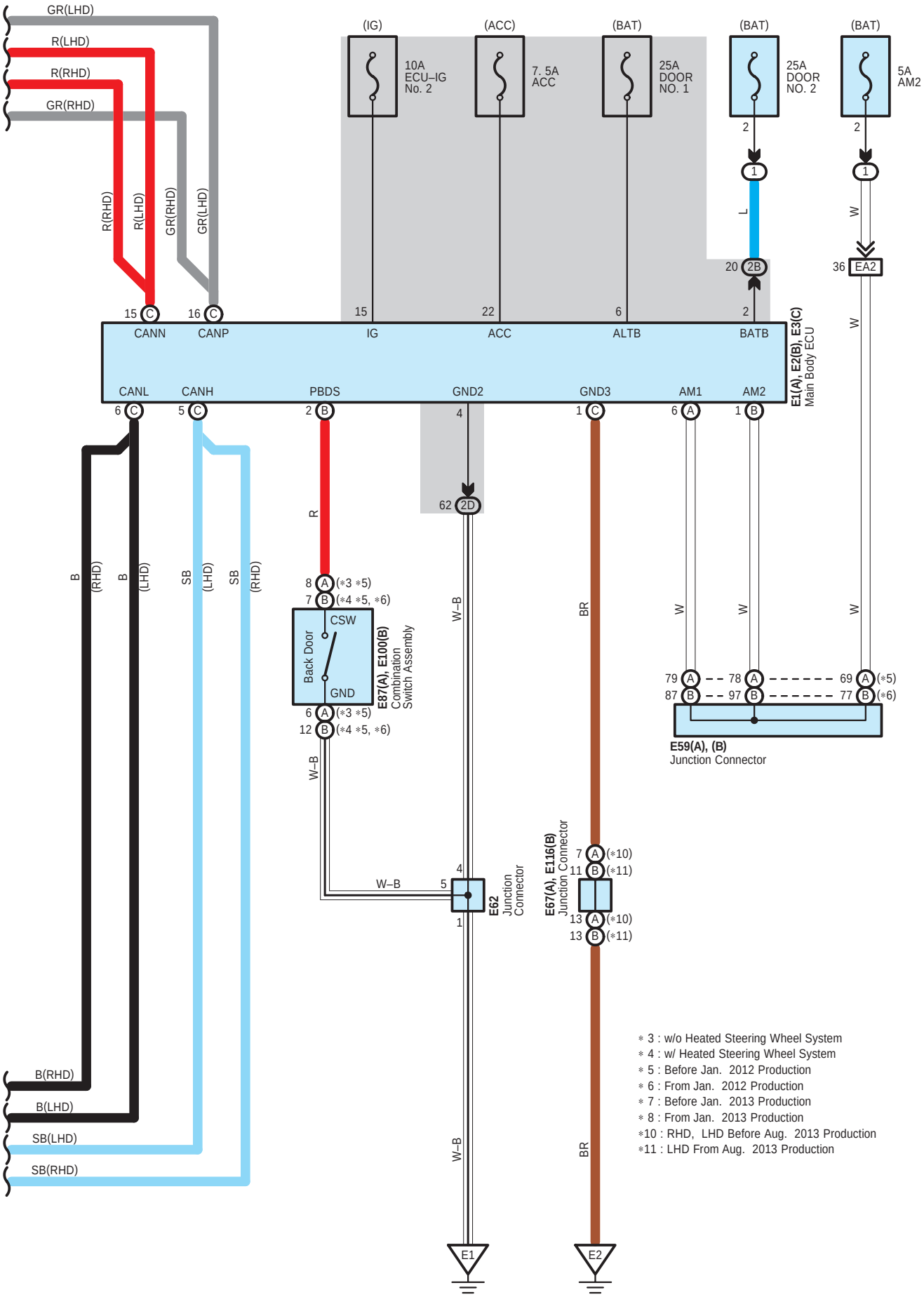



∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 7 : Before Jan. 2013 Production
∗ 8 : From Jan. 2013 Production

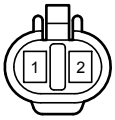



Y(RHD)
R(RHD)
V
R
R
LG
(IG)
10A
BK/UP LP
23 2B
G
(*8)
G–B
(*7)
25 CA3
G
2
C19
Park/Neutral
Position Switch
PL
RB
P
6
G–B
C52(B)
Junction
Connector
6 B
5 B
G–B
W(LHD *7)
B(LHD)
SB
(LHD *8)
E75
Junction Connector
1
12
4
15
SB
(LHD *8)
W
(LHD *7)
B(LHD)
SB
(LHD)
B
(LHD)
LG
R
R
V
1 D
2 D
2 C
1 C
Y
(RHD)
R
(RHD)
73 EL1
74 EL1
Y
(RHD)
R
(RHD)
1 B
2 B
L29(A), L30(B), L45(C), L46(D)
Junction
Connector
1 A
2 A
LG
(RHD *6)
W
(RHD *5)
R
(RHD *5)
GR
(RHD *6)
2 KL1
3 KL1
W
(RHD)
R
(RHD)
19 EK2
29 EK2
W
(RHD)
R(RHD)
W(RHD)
B(RHD)
B(LHD)
SB(LHD)
SB(RHD)
B(RHD)
SB(RHD)

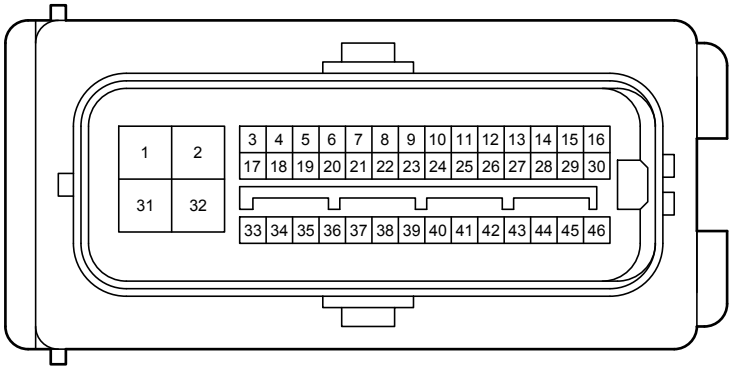

Y(RHD)
R(RHD)
GR(LHD)
R(LHD)
R(RHD)
GR(RHD)
R (RHD)
Y (RHD)
GR (LHD)
R (LHD)
18
7
6
17
E76
Junction Connector
2
13
LG
R
E29(A)
Certification ECU Assembly
27 A
28 A
CANH
CANL
BZR
RC0
RDA
RSSI
21 A
29 A
38 A
39 A
LG
B
LG
L
21 EA1
17 FE3
16 FE3
18 FE3
LG–B
(*7)
LG
(*8)
B
LG
L
10 FL2
9 FL2
11 FL2
1
B
E
A20
Wireless Door Lock Buzzer
2
B
LG
L
4
5
2
+5
DATA
RSSI
GND
1
L21
Door Control Receiver
R (RHD)
GR (RHD)
14
3
E73
Junction Connector
12
1
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)
(IG)
(ACC)
(BAT)
(BAT)
(BAT)
10A ECU–IG No. 2
7. 5A ACC
25A DOOR NO. 1
25A DOOR NO. 2
5A AM2
15 C CANN
16 C CANP
15 IG
22 ACC
6 ALTB
20 2B
2 BATB
36 EA2
E1(A), E2(B), E3(C) Main Body ECU
CANL
CANH
PBDS
GND2
GND3
AM1
AM2
6 C
5 C
2 B
4
1 C
6 A
1 B
62 2D
B (RHD)
B (LHD)
SB (LHD)
SB (RHD)
R
W–B
BR
W
8 A (*3 *5)
7 B (*4 *5, *6)
CSW
Back Door
GND
E87(A), E100(B) Combination Switch Assembly
6 A (*3 *5)
12 B (*4 *5, *6)
79 A
87 B
78 A
97 B
69 A (*5)
77 B (*6)
E59(A), (B) Junction Connector
E62 Junction Connector
E67(A), E116(B) Junction Connector
7 A (*10)
11 B (*11)
13 A (*10)
13 B (*11)
B(RHD)
B(LHD)
SB(LHD)
SB(RHD)
E1
E2
* 3 : w/o Heated Steering Wheel System
* 4 : w/ Heated Steering Wheel System
* 5 : Before Jan. 2012 Production
* 6 : From Jan. 2012 Production
* 7 : Before Jan. 2013 Production
* 8 : From Jan. 2013 Production
*10 : RHD, LHD Before Aug. 2013 Production
*11 : LHD From Aug. 2013 Production

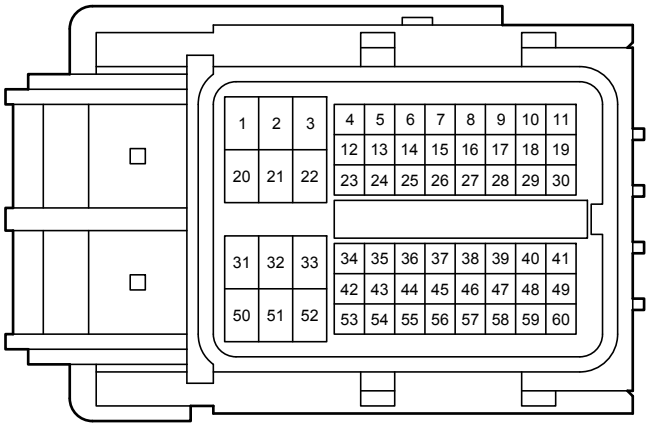
A 20
Black




A 24
Black




A 38
Black



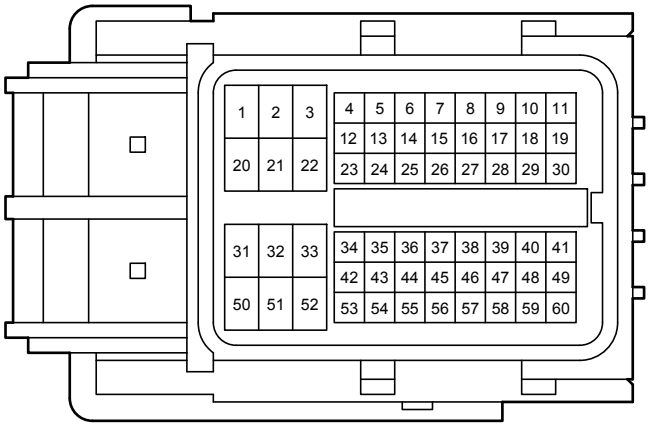

A 49
Gray



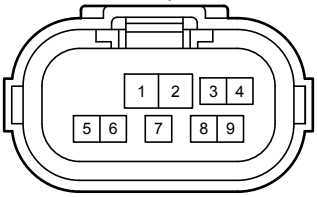

A 50
Gray



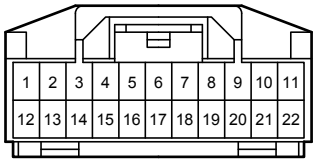

A 53
Black



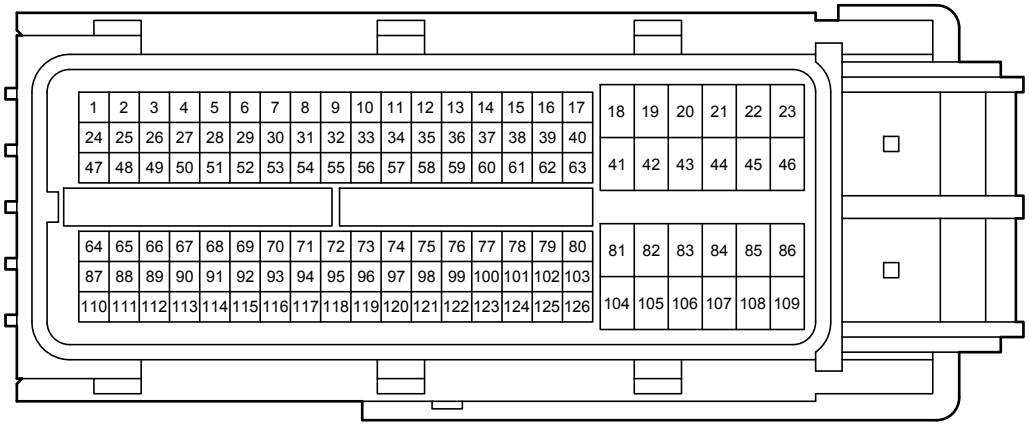

C 19
Gray



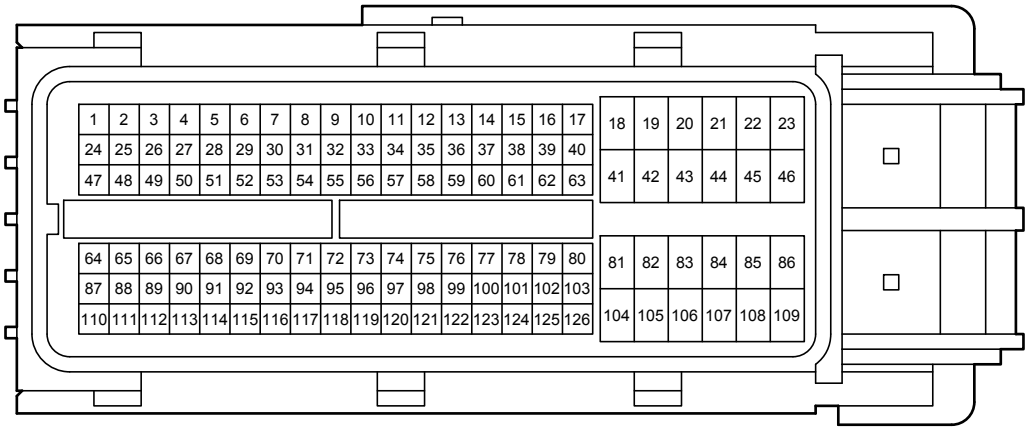

C 52
Blue



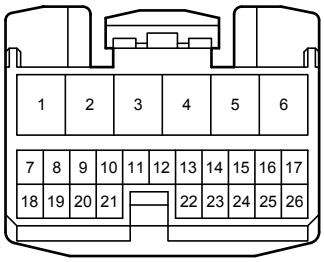
C 53
Black



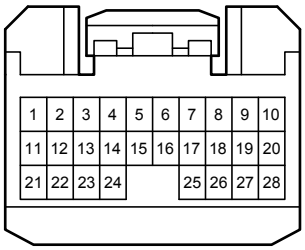

C 54
Black



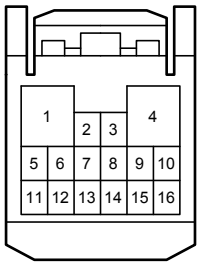

E 1
White



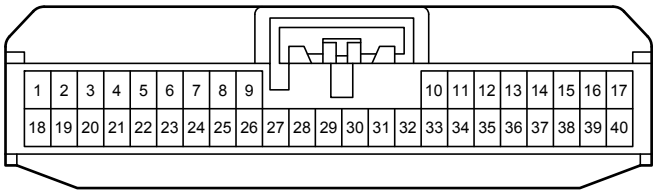

E 2
White



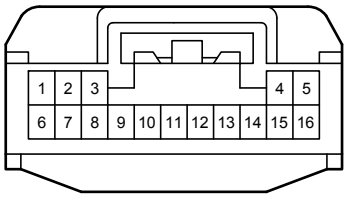

E 3
White



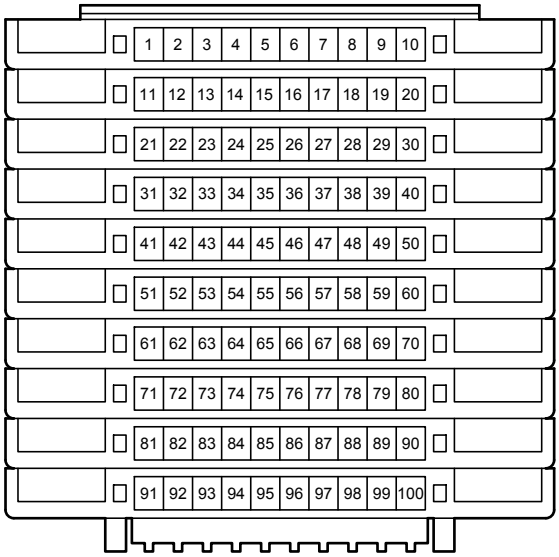

E 29
White



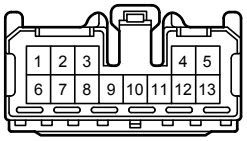

E 31
White



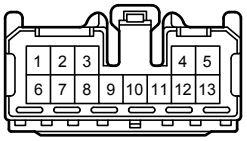
E 59
White



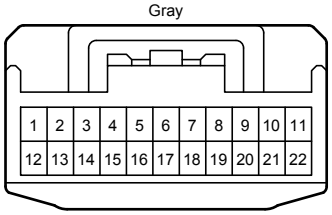

E 62
White



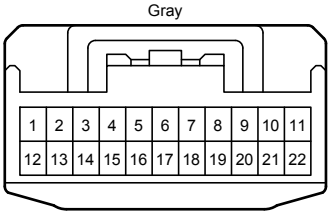

E 67
White



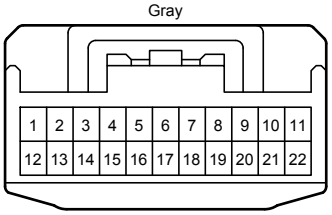

E 68
Gray



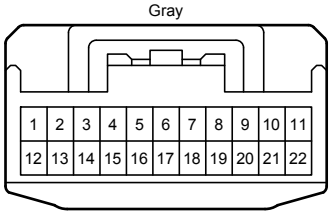

E 69
Gray



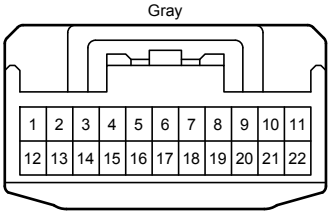

E 71
Gray



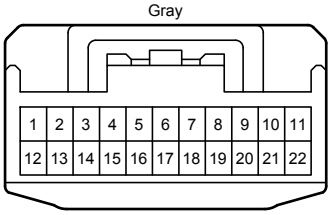

E 72
Gray



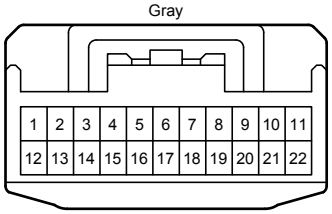

E 73
Gray



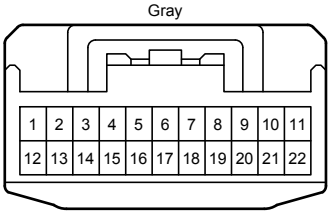

E 74
Gray



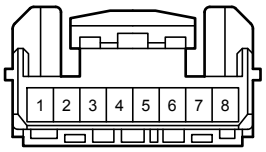

E 75
Gray



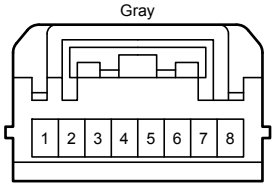

E 76
Gray



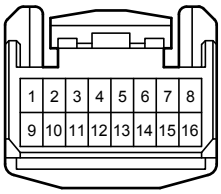

E 80
Black



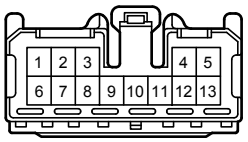

E 87
Gray



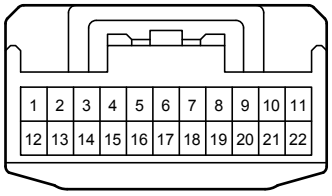

E100
Black



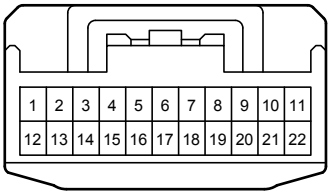

E116
White



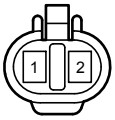
F 21
Black



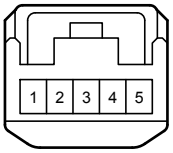

F 79
White



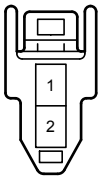

K 37
Black



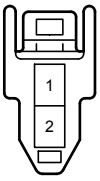

L 21
White



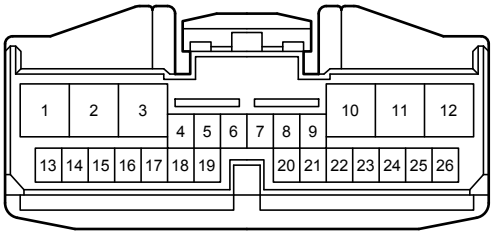

L 29
White



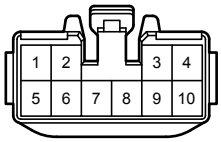

L 30
White



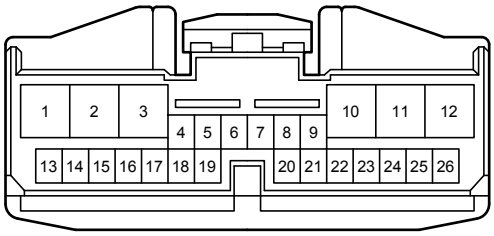

L 33
White



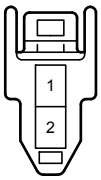

L 34
Blue



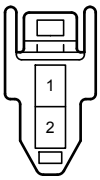

L 36
White



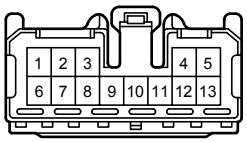

L 45
White



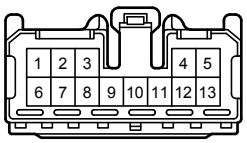

L 46
White



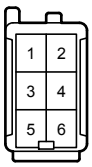

S 15
White



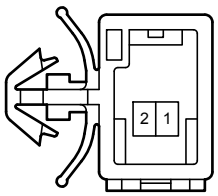

S 16
White



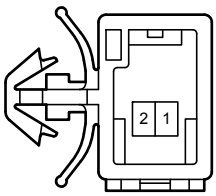

S 19
Black



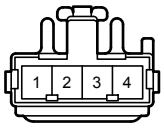

S 20
White



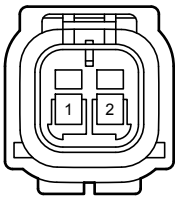

S 21
White



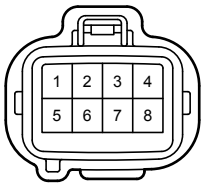

S 22
Black



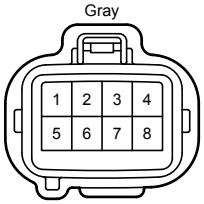

f 1
Black



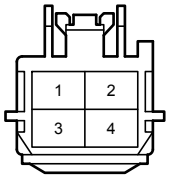

f 2
White



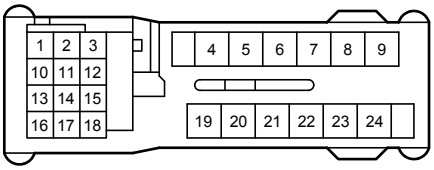

f 3
Gray



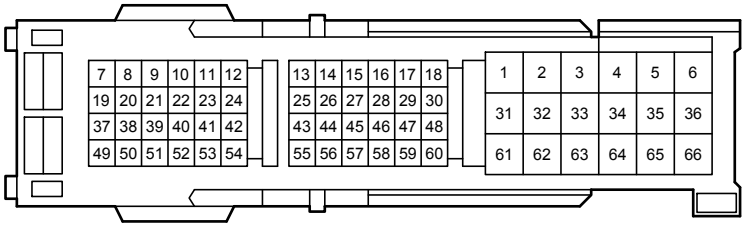

1H
White



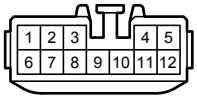

2B
White



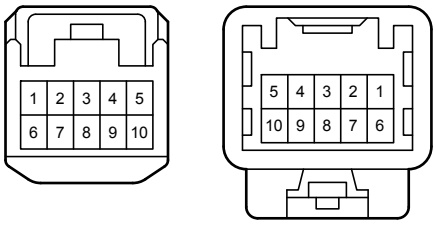
2D
White



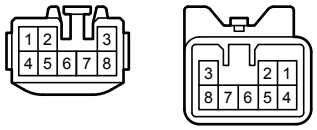

3B
Gray



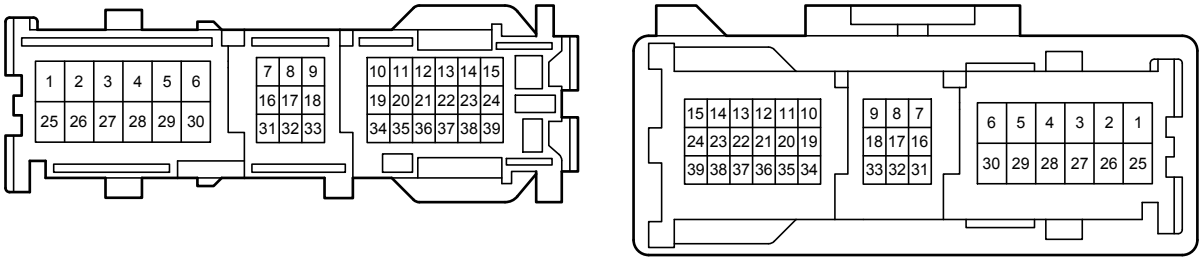

AE3
Gray



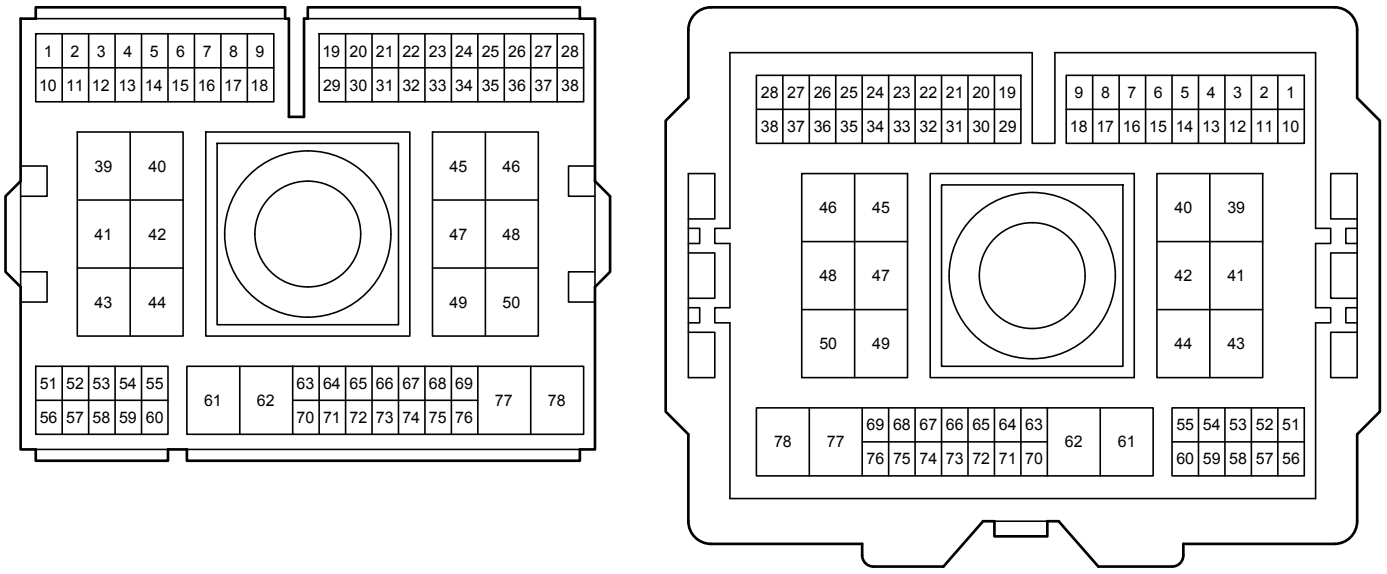

AL1
White




CA3
White

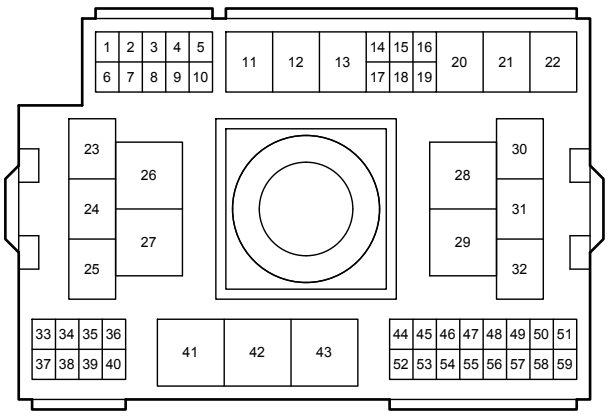



EA1
White

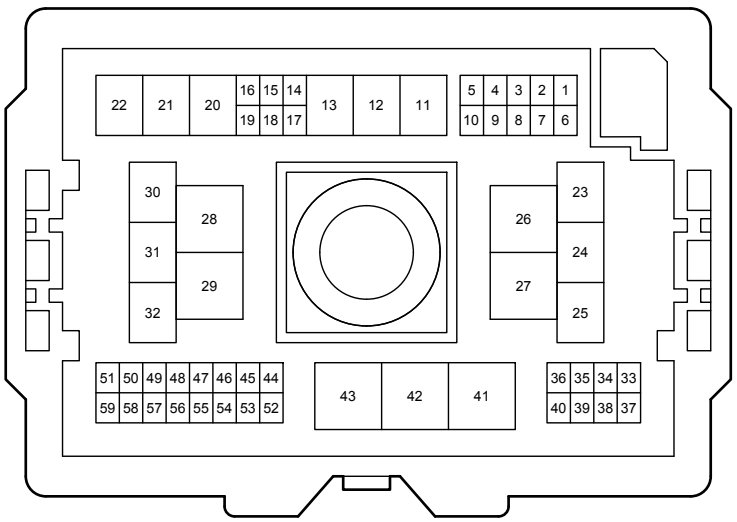


EA2

White

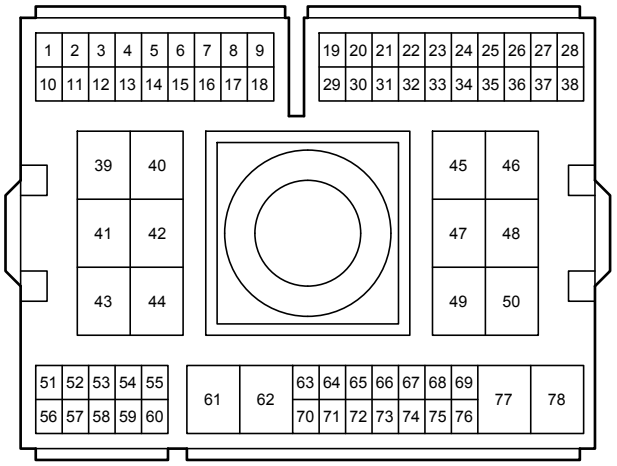


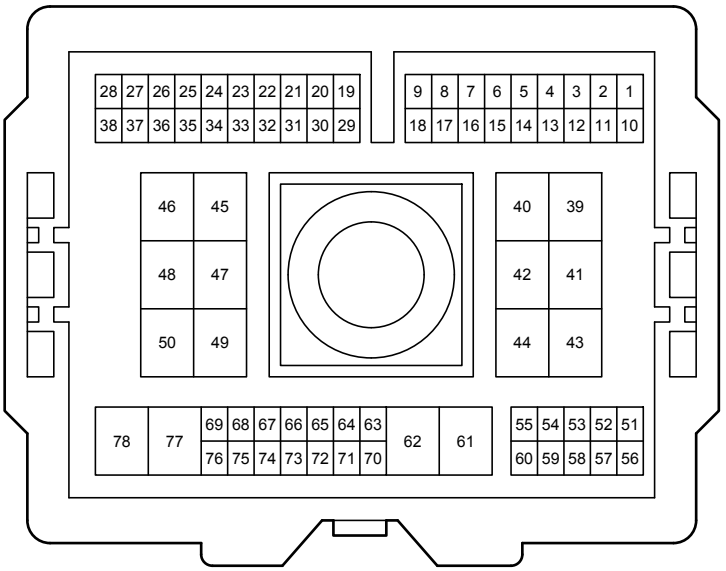

Gray



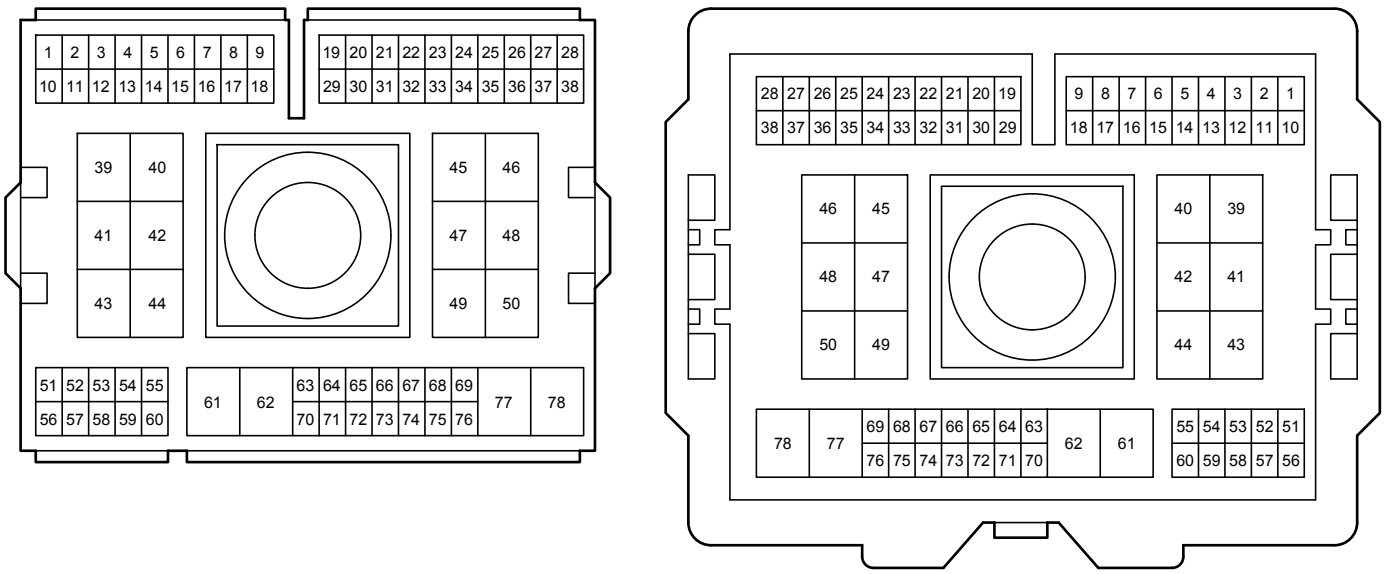

EA3

White

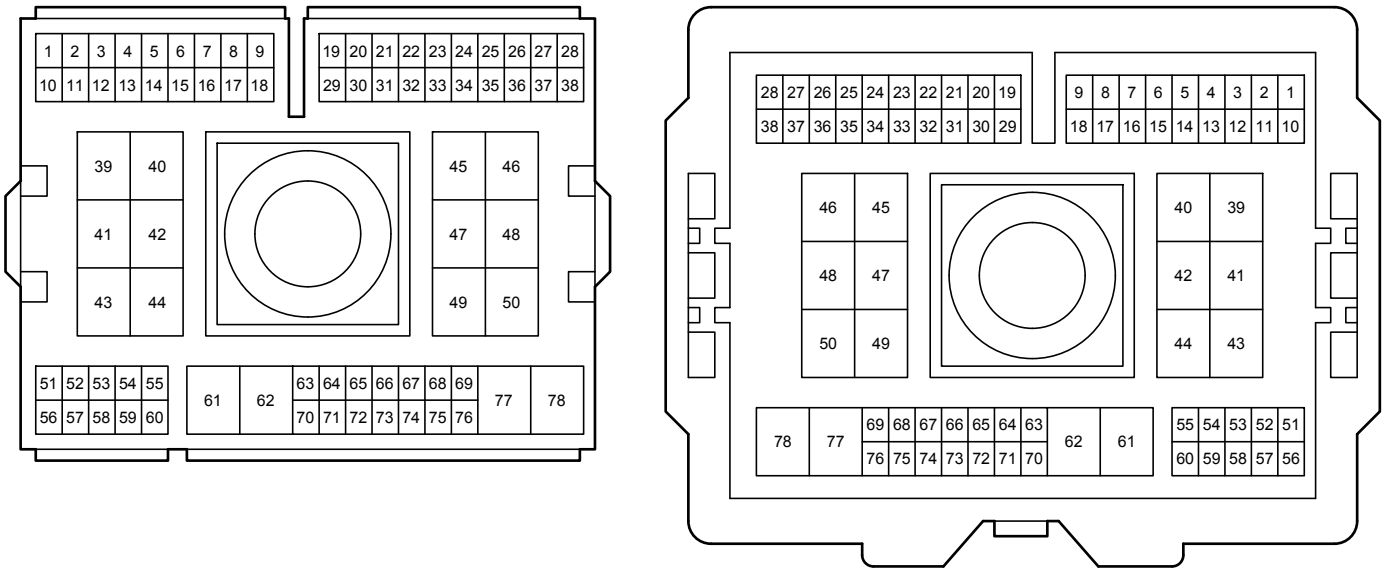


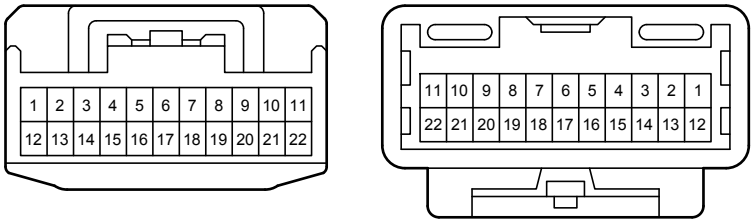
EK2
White



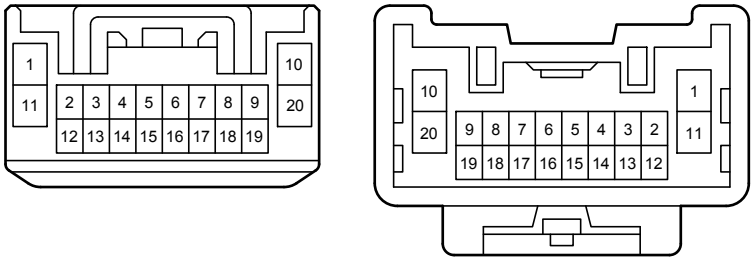

EL1
White



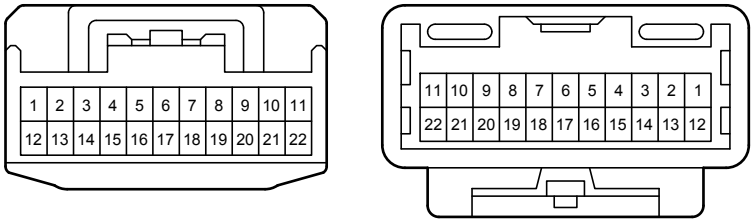

FE3
White



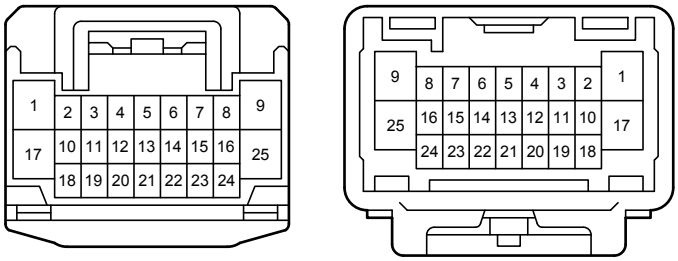
FE4
White



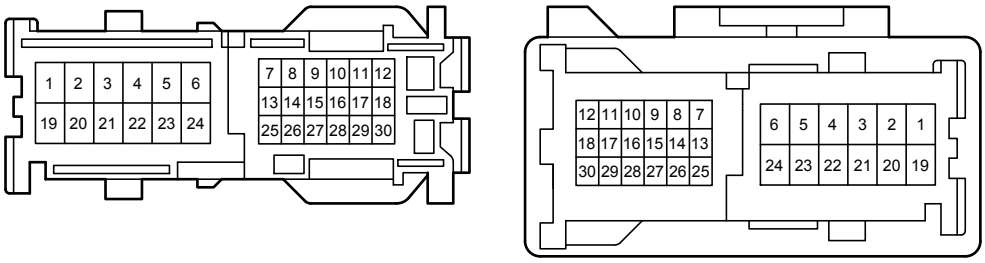

FL2
Blue

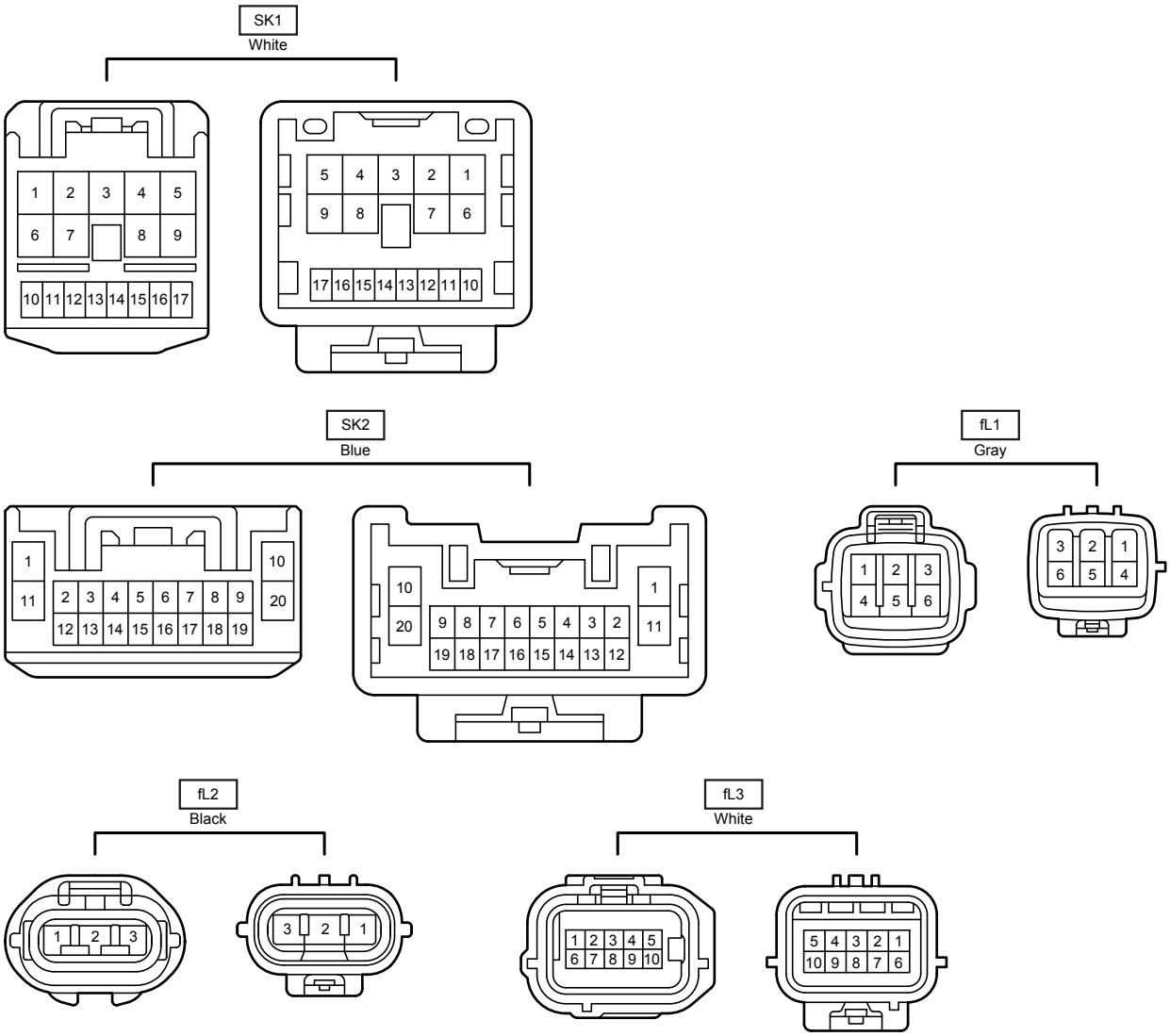


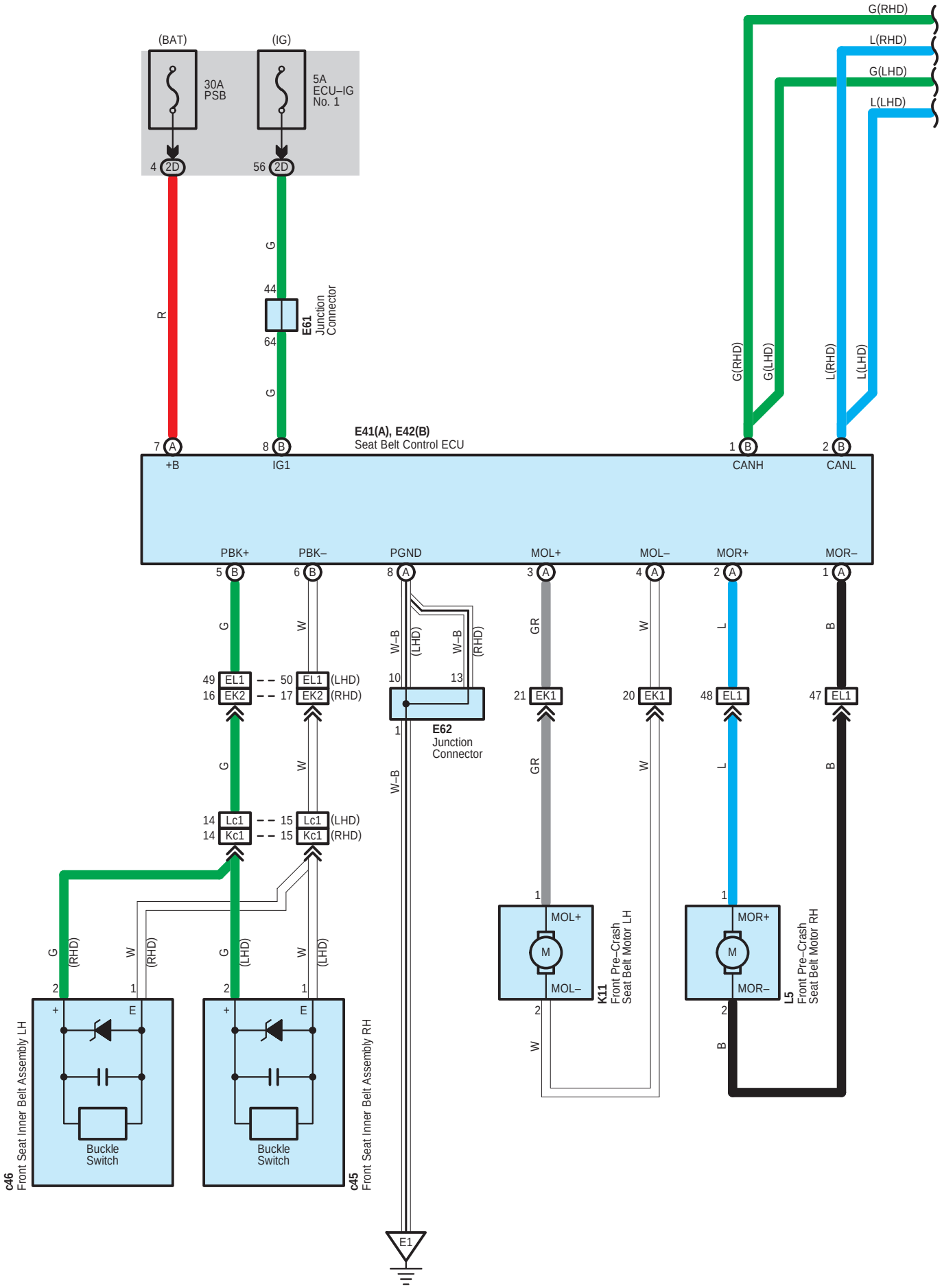

KL1
White

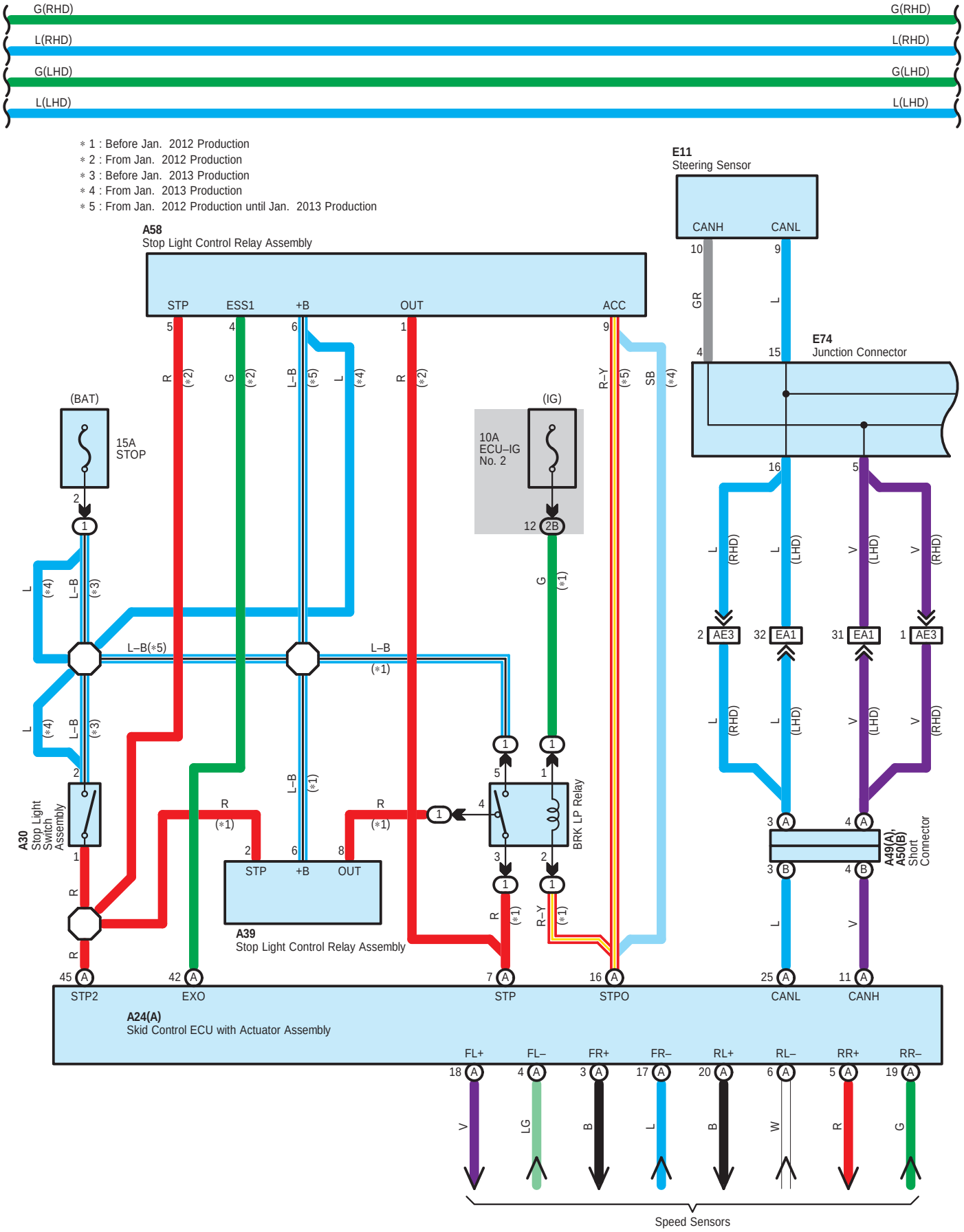


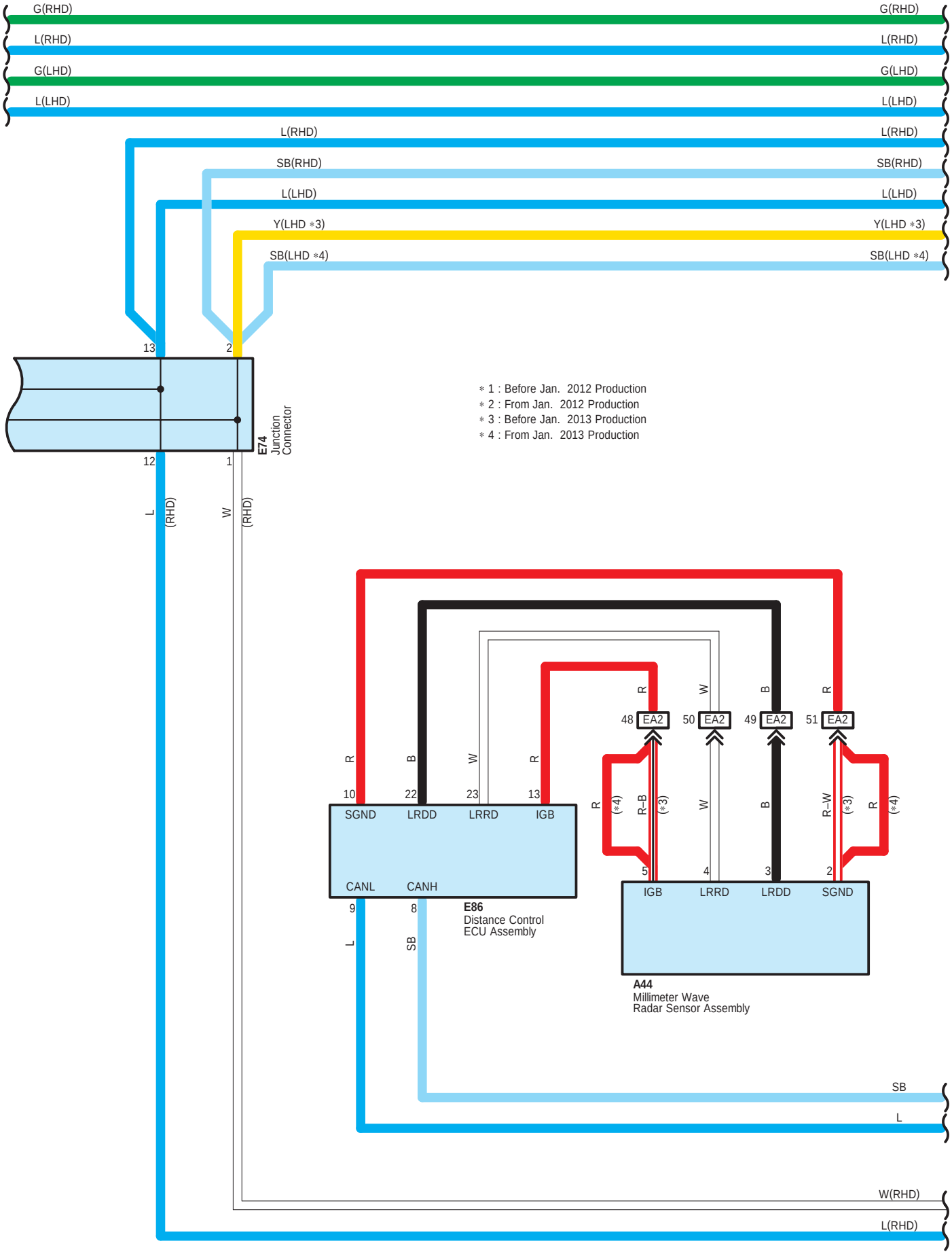

KL2
White

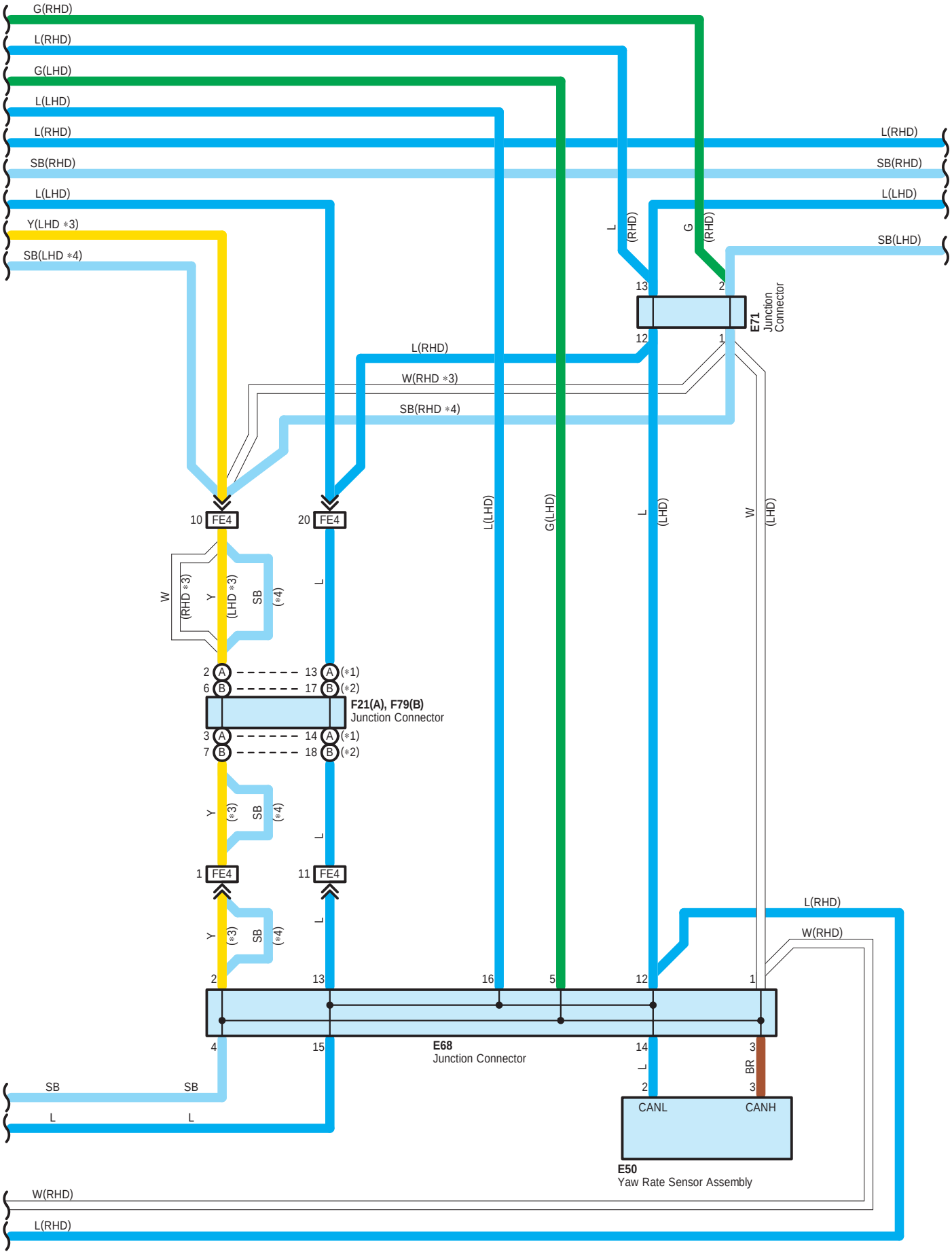


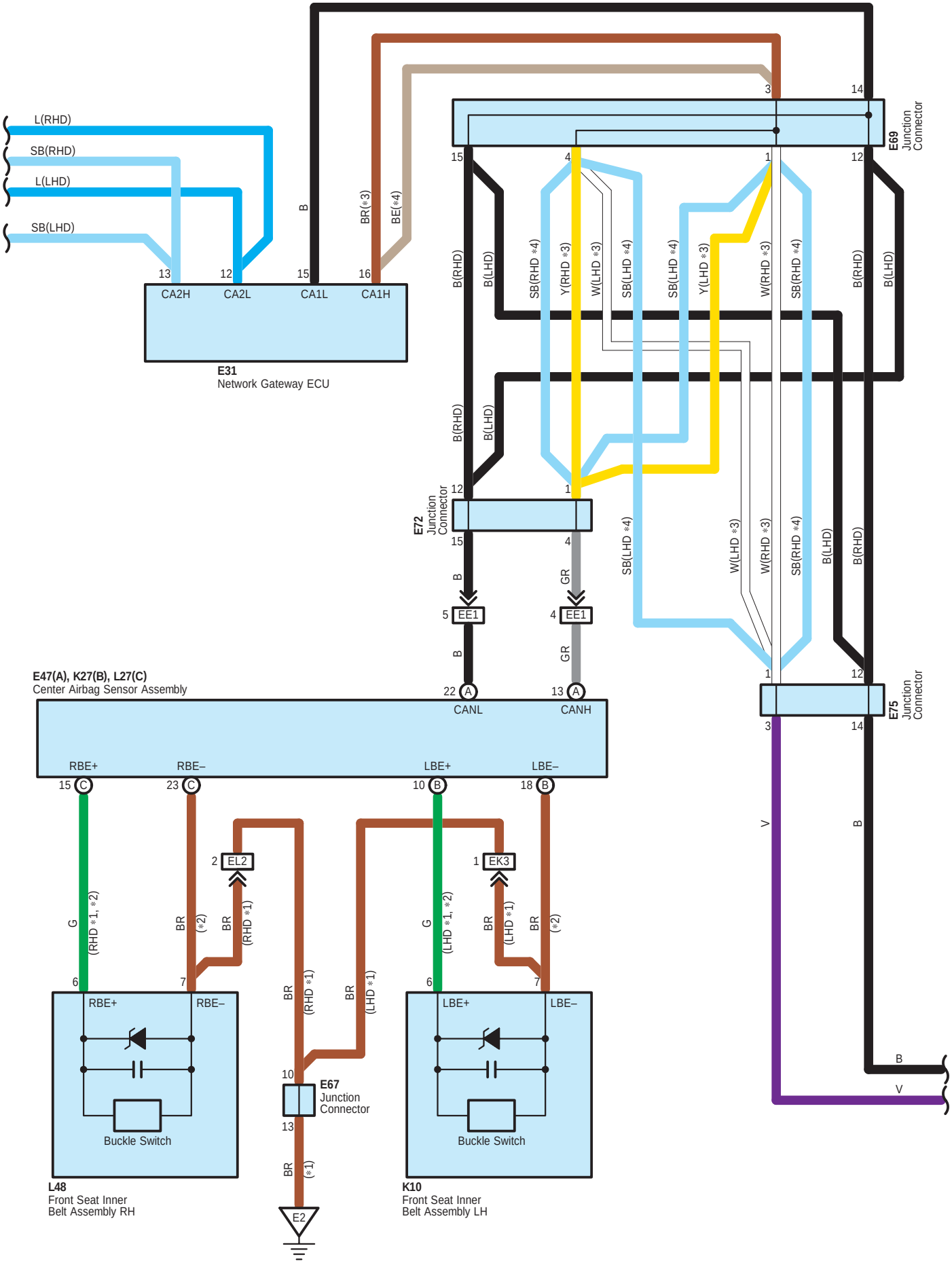

SK1
White
1 2 3 4 5
6 7 8 9
10 11 12 13 14 15 16 17
5 4 3 2 1
9 8 7 6
17 16 15 14 13 12 11 10
SK2
Blue
1 10
11 20
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10 1
20 11
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
fL1
Gray
1 2 3
4 5 6
3 2 1
6 5 4
fL2
Black
1 2 3
3 2 1
fL3
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

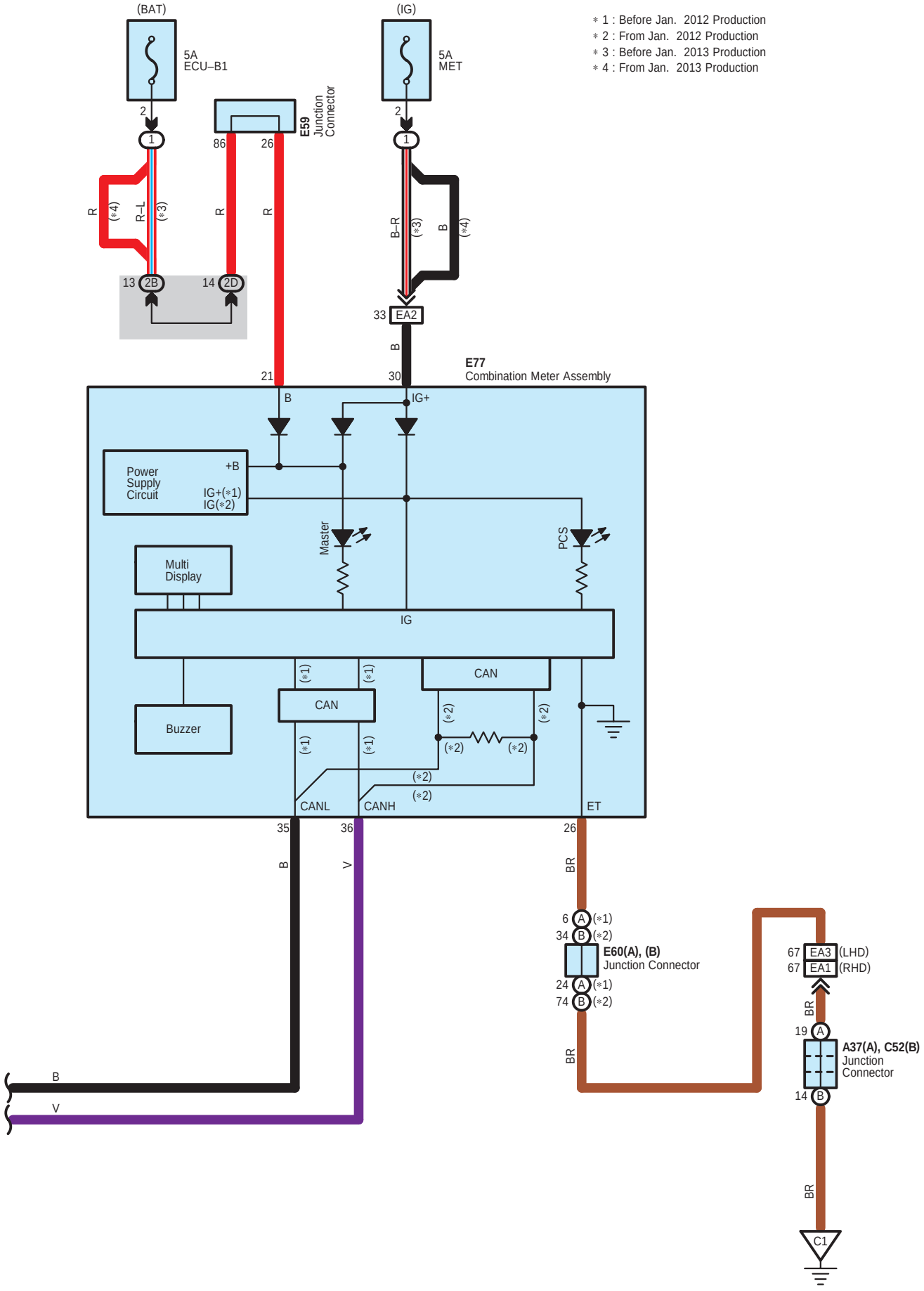

(BAT)
(IG)
30A
PSB
5A
ECU–IG
No. 1
4 2D
56 2D
R
G
44
E61
Junction
Connector
64
G
7 A
+B
8 B
IG1
E41(A), E42(B)
Seat Belt Control ECU
G(RHD)
L(RHD)
G(LHD)
L(LHD)
1 B
CANH
2 B
CANL
PBK+
PBK–
PGND
MOL+
MOL–
MOR+
MOR–
5 B
6 B
8 A
3 A
4 A
2 A
1 A
49 EL1
16 EK2
50 EL1 (LHD)
17 EK2 (RHD)
14 Lc1
14 Kc1
15 Lc1 (LHD)
15 Kc1 (RHD)
W–B
(LHD)
(RHD)
10
13
1
E62
Junction
Connector
21 EK1
20 EK1
48 EL1
47 EL1
GR
W
L
B
MOL+
MOL–
MOR+
MOR–
M
K11
Front Pre–Crash
Seat Belt Motor LH
L5
Front Pre–Crash
Seat Belt Motor RH
+
E
Buckle
Switch
c46
Front Seat Inner Belt Assembly LH
c45
Front Seat Inner Belt Assembly RH
E1


G(RHD)
L(RHD)
G(LHD)
L(LHD)
G(RHD)
L(RHD)
G(LHD)
L(LHD)
∗1 : Before Jan. 2012 Production
∗2 : From Jan. 2012 Production
∗3 : Before Jan. 2013 Production
∗4 : From Jan. 2013 Production
∗5 : From Jan. 2012 Production until Jan. 2013 Production
E11
Steering Sensor
CANH
CANL
A58
Stop Light Control Relay Assembly
STP
ESS1
+B
OUT
ACC
E74
Junction Connector
(BAT)
15A
STOP
(IG)
10A
ECU–IG
No. 2
A30
Stop Light
Switch
Assembly
A39
Stop Light Control Relay Assembly
BRK LP Relay
A49(A),
A50(B)
Short
Connector
A24(A)
Skid Control ECU with Actuator Assembly
STP2
EXO
STP
STPO
CANL
CANH
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
Speed Sensors

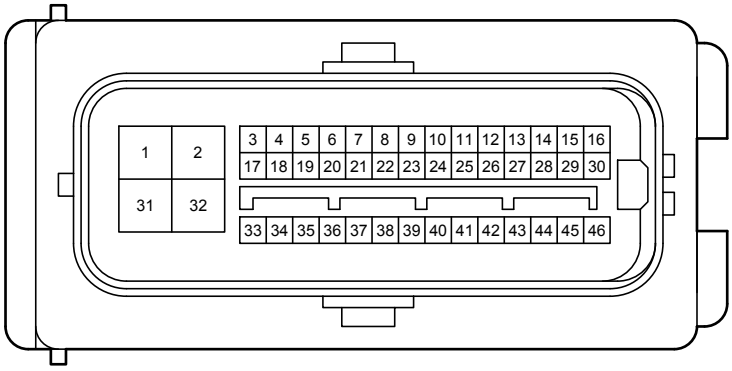

G(RHD)
L(RHD)
G(LHD)
L(LHD)
L(RHD)
SB(RHD)
L(LHD)
Y(LHD *3)
SB(LHD *4)
13
2
12
1
E74
Junction
Connector
L (RHD)
W (RHD)
* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production
* 3 : Before Jan. 2013 Production
* 4 : From Jan. 2013 Production
R
B
W
R
10
22
23
13
SGND
LRDD
LRRD
IGB
CANL
CANH
9
8
L
SB
E86
Distance Control
ECU Assembly
R
W
B
R
48 EA2
50 EA2
49 EA2
51 EA2
R (*4)
R–B (*3)
W
B
R–W (*3)
R (*4)
5
4
3
2
IGB
LRRD
LRDD
SGND
A44
Millimeter Wave
Radar Sensor Assembly
SB
L
W(RHD)
L(RHD)


G(RHD)
L(RHD)
G(LHD)
L(LHD)
L(RHD)
SB(RHD)
L(LHD)
Y(LHD ∗3)
SB(LHD ∗4)
L(RHD)
SB(RHD)
L(LHD)
SB(LHD)
L (RHD)
G (RHD)
13
2
12
1
E71
Junction Connector
L(RHD)
W(RHD ∗3)
SB(RHD ∗4)
10 FE4
20 FE4
L(LHD)
G(LHD)
L (LHD)
W (LHD)
W (RHD ∗3)
Y (LHD ∗3)
SB (∗4)
L
2 A
6 B
13 A (∗1)
17 B (∗2)
F21(A), F79(B)
Junction Connector
3 A
7 B
14 A (∗1)
18 B (∗2)
Y (∗3)
SB (∗4)
L
1 FE4
11 FE4
Y (∗3)
SB (∗4)
L
2
13
16
5
12
1
L(RHD)
W(RHD)
4
15
E68
Junction Connector
14
3
L
BR
2
3
SB
SB
L
L
CANL
CANH
E50
Yaw Rate Sensor Assembly
W(RHD)
L(RHD)

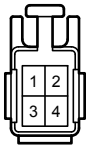

L(RHD)
SB(RHD)
L(LHD)
SB(LHD)
13
12
15
16
CA2H
CA2L
CA1L
CA1H
E31
Network Gateway ECU
B
BR(*3)
BE(*4)
3
14
E69
Junction Connector
15
4
1
12
B(RHD)
B(LHD)
SB(RHD *4)
Y(RHD *3)
W(LHD *3)
SB(LHD *4)
SB(LHD *4)
Y(LHD *3)
W(RHD *3)
SB(RHD *4)
B(RHD)
B(LHD)
E72
Junction Connector
12
1
15
4
B
GR
5
EE1
4
EE1
B
GR
22
A
13
A
CANL
CANH
E47(A), K27(B), L27(C)
Center Airbag Sensor Assembly
RBE+
RBE–
LBE+
LBE–
15
C
23
C
10
B
18
B
2
EL2
1
EK3
G
(RHD *1, *2)
BR
(*2)
BR
(RHD *1)
G
(LHD *1, *2)
BR
(LHD *1)
BR
(*2)
6
7
6
7
RBE+
RBE–
LBE+
LBE–
BR
(RHD *1)
BR
(LHD *1)
10
E67
Junction Connector
13
BR
(*1)
E2
Buckle Switch
Buckle Switch
L48
Front Seat Inner
Belt Assembly RH
K10
Front Seat Inner
Belt Assembly LH
1
12
3
14
E75
Junction Connector
V
B
B
V


(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction
Connector
∗ 1 : Before Jan. 2012 Production
∗ 2 : From Jan. 2012 Production
∗ 3 : Before Jan. 2013 Production
∗ 4 : From Jan. 2013 Production
E77
Combination Meter Assembly
Power
Supply
Circuit
+B
IG+(∗1)
IG(∗2)
IG+
Master
PCS
Multi
Display
IG
CAN
Buzzer
CANL
CANH
ET
E60(A), (B)
Junction Connector
A37(A), C52(B)
Junction
Connector
EA2
EA3
EA1
(LHD)
(RHD)
C1

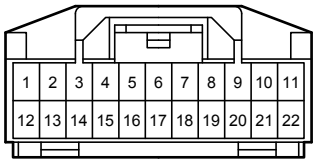
A 24
Black



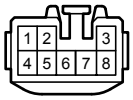

A 30
Gray



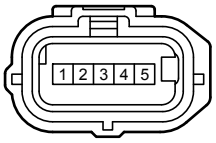

A 37
Blue




A 39
Black



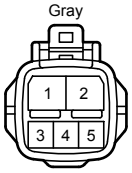

A 44
Black



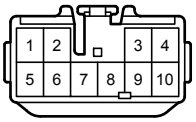

A 49
Gray



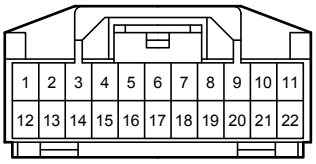

A 50
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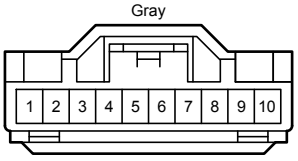

A 58
Black



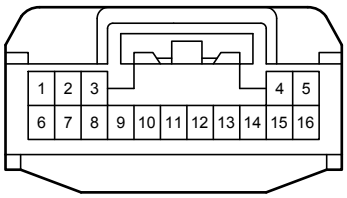

C 52
Blue



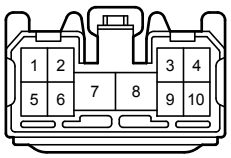

E 11
Gray



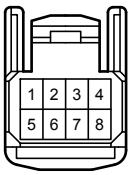

E 31
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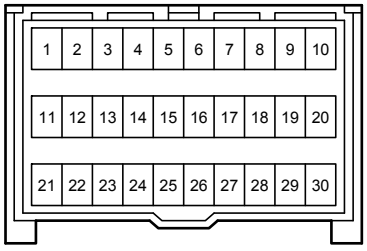

E 41
White




E 42
White



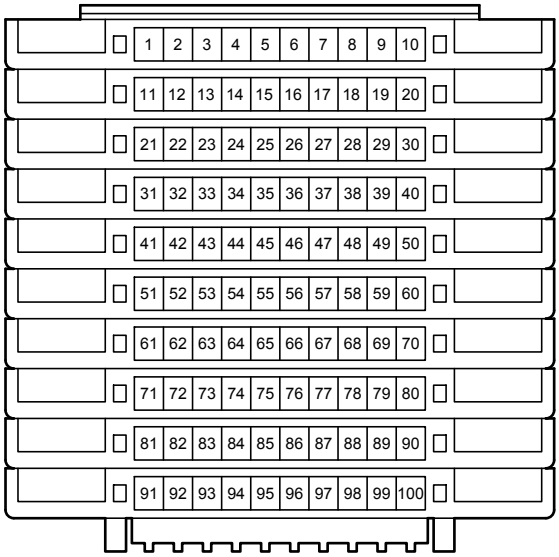

E 47
Yellow



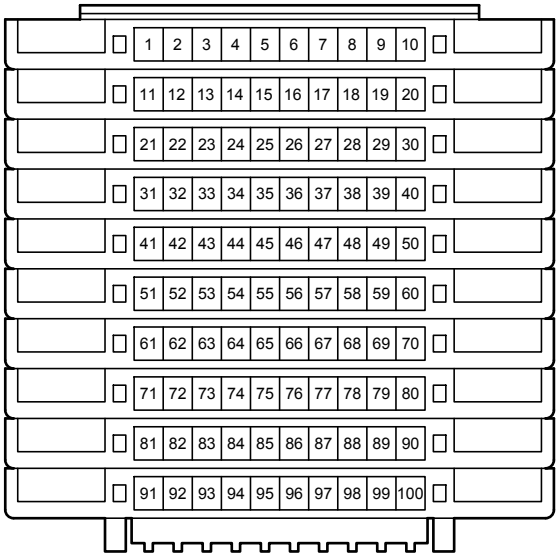

E 50
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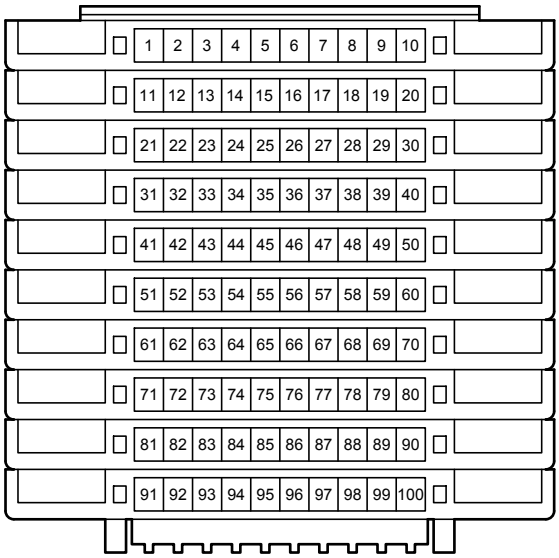
E 59
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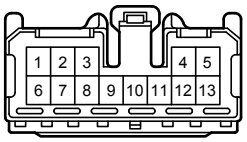

E 60
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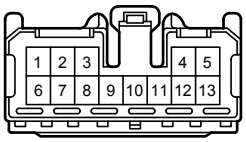

E 61
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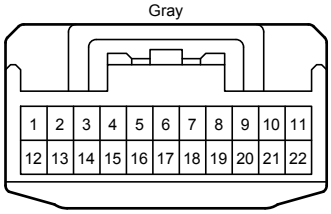

E 62
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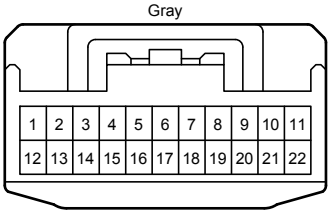

E 67
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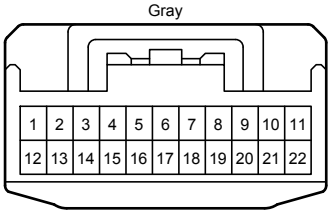

E 68
Gray



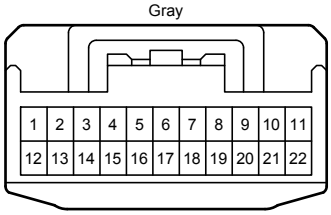

E 69
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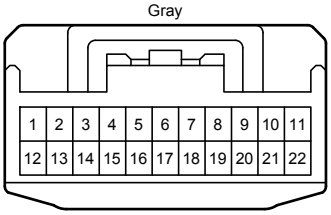

E 71
Gray



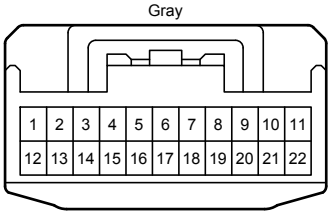

E 72
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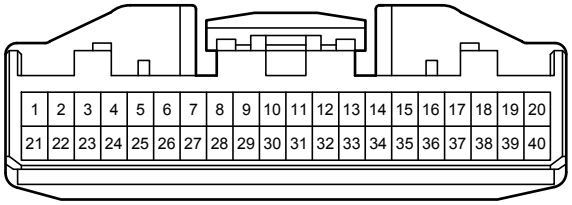

E 74
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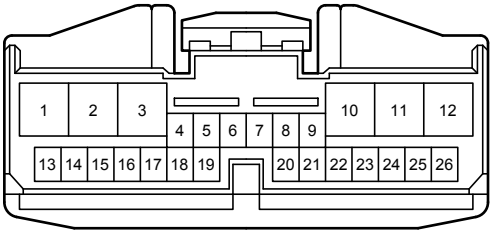

E 75
Gray



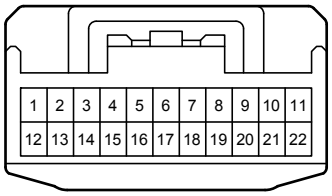
E 77
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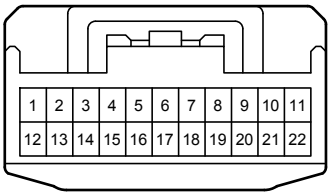

E 86
White



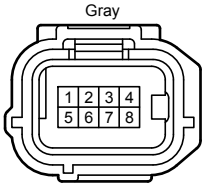

F 21
Black



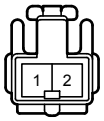

F 79
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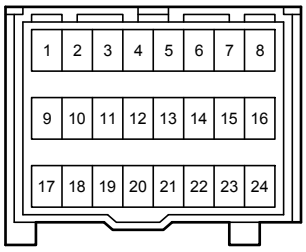

K 10
Gray



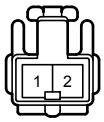

K 11
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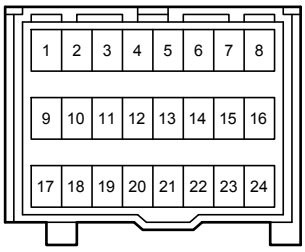

K 27
Yellow



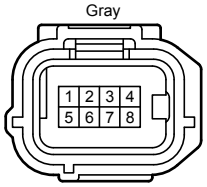

L 5
White



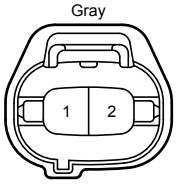

L 27
Yellow



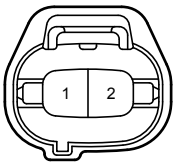

L 48
Gray



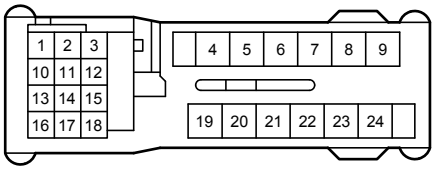

c 45
Gray



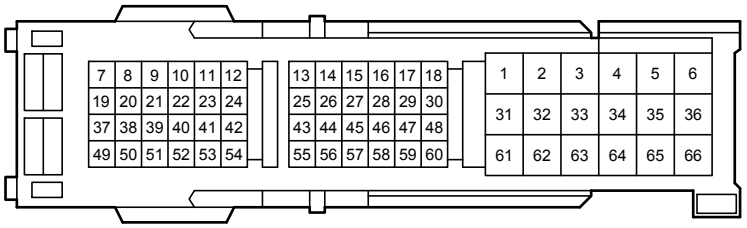

c 46
White



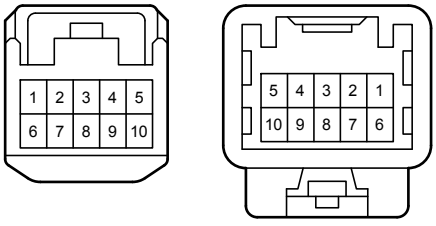

2B
White




2D
White

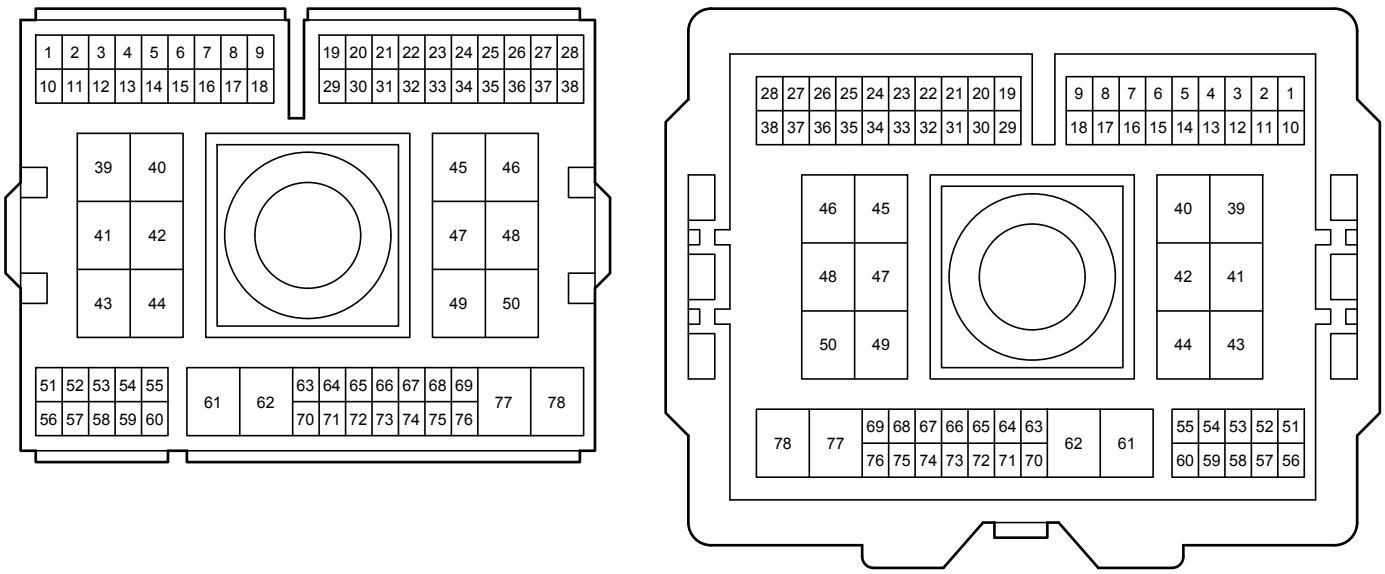



AE3
Gray



EA1

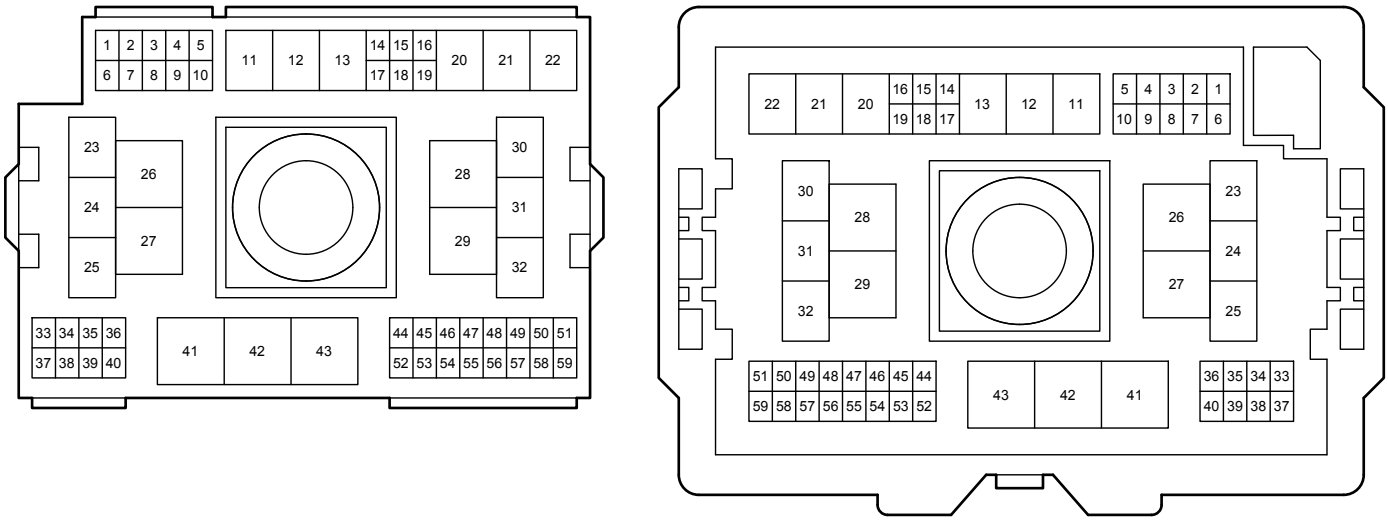
White




EA2

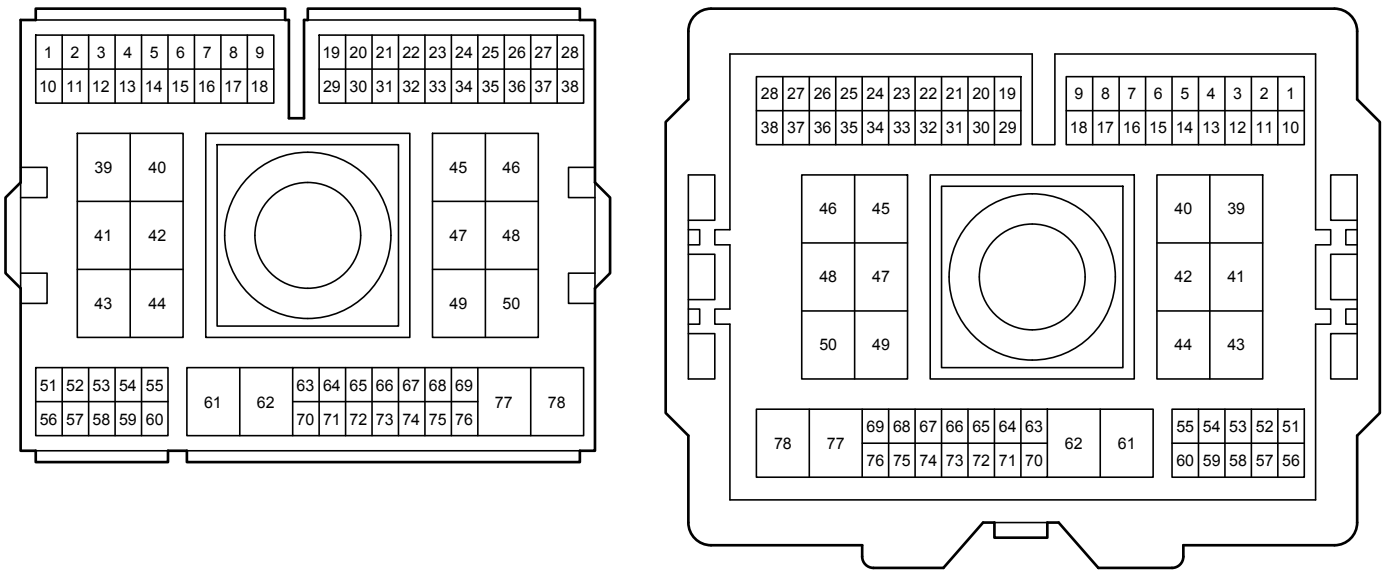
White

Gray



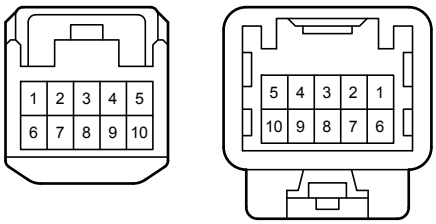
EA3

White




EE1

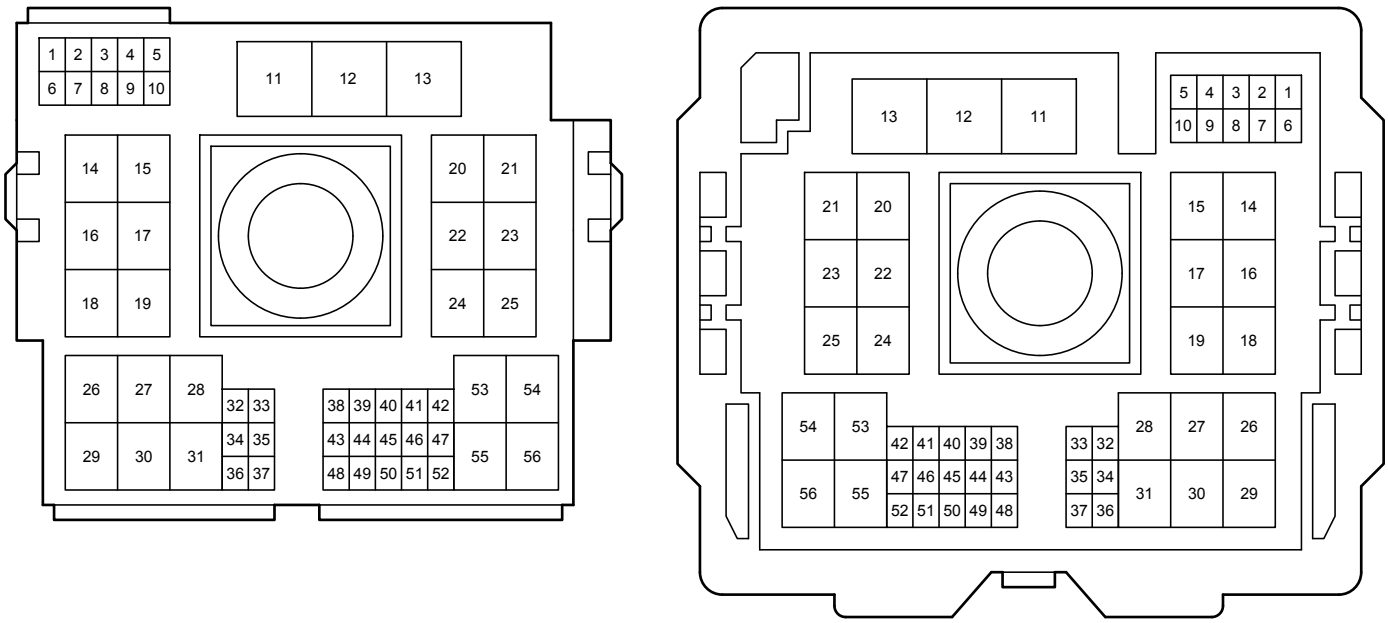
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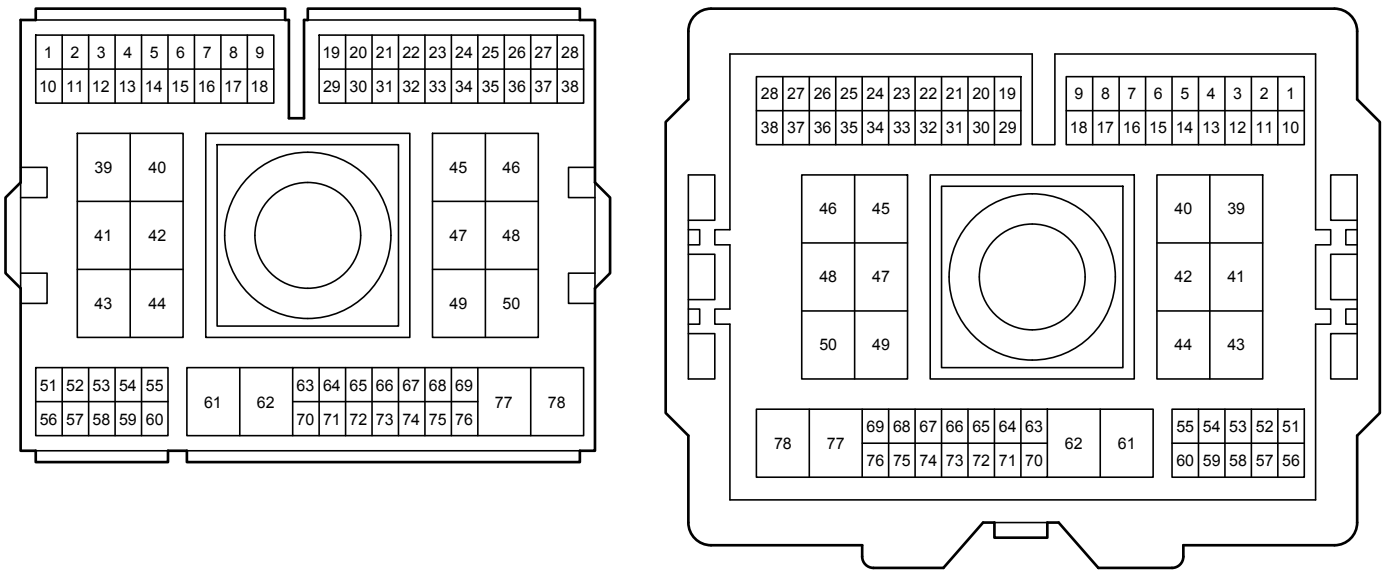

EK1

White

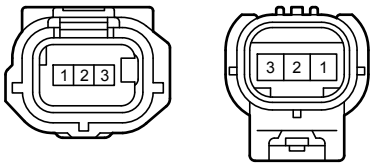
Blue



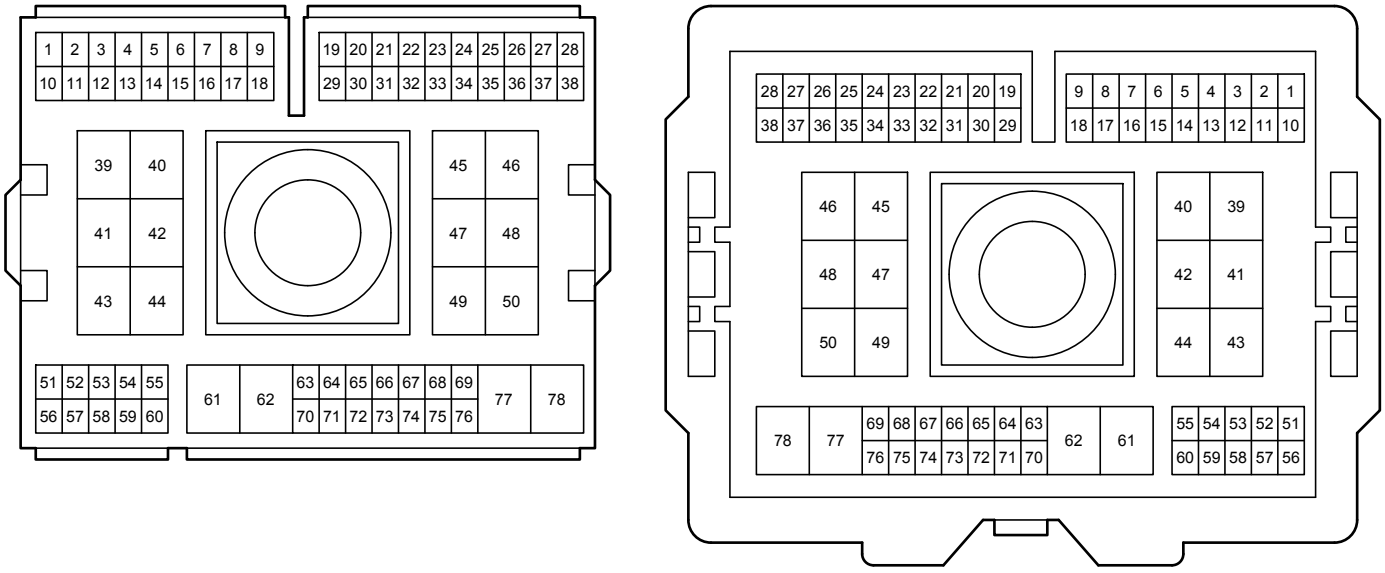
EK2
White



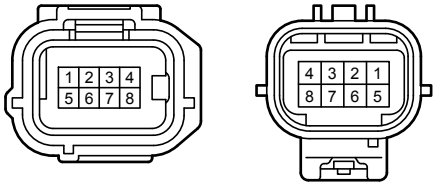

EK3
Black



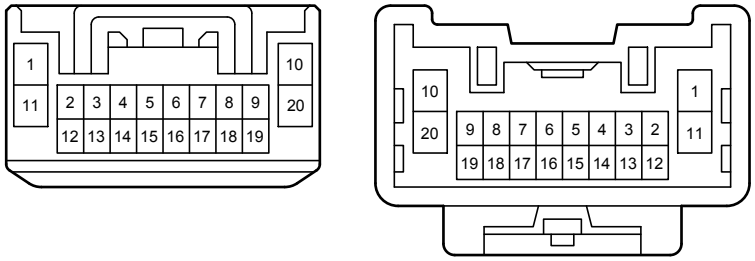

EL1
White



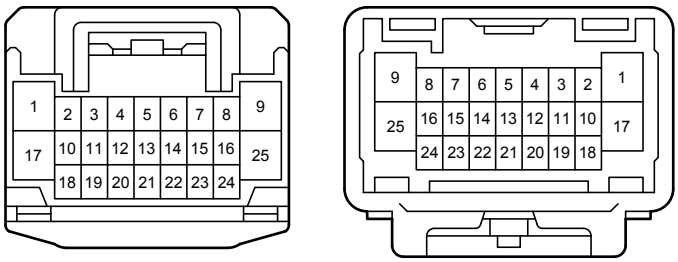
EL2
Gray



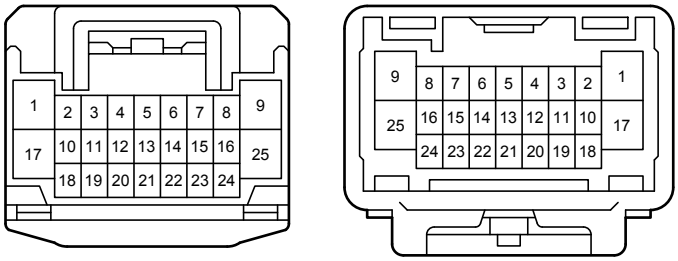

FE4
White

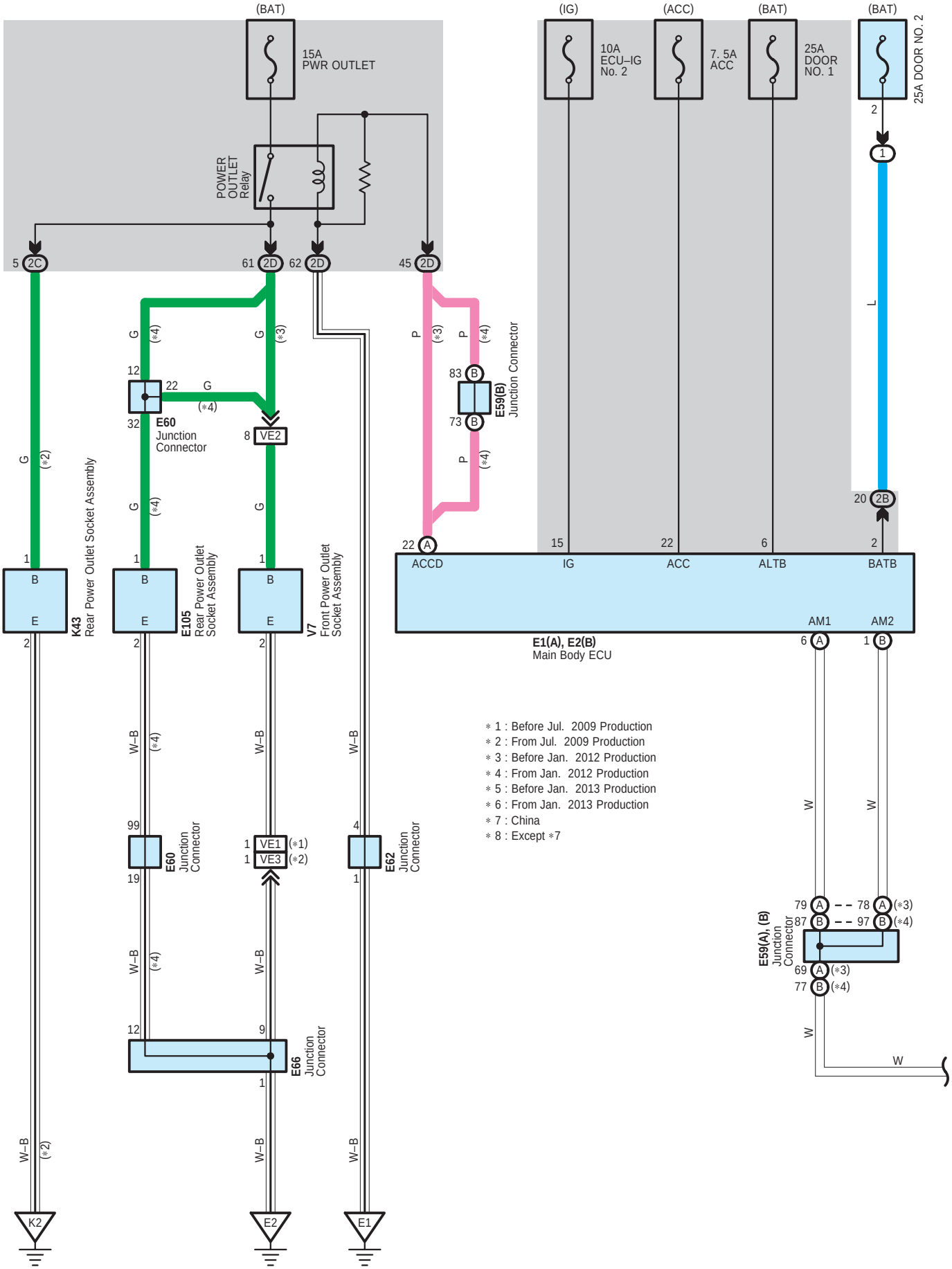



Kc1
White

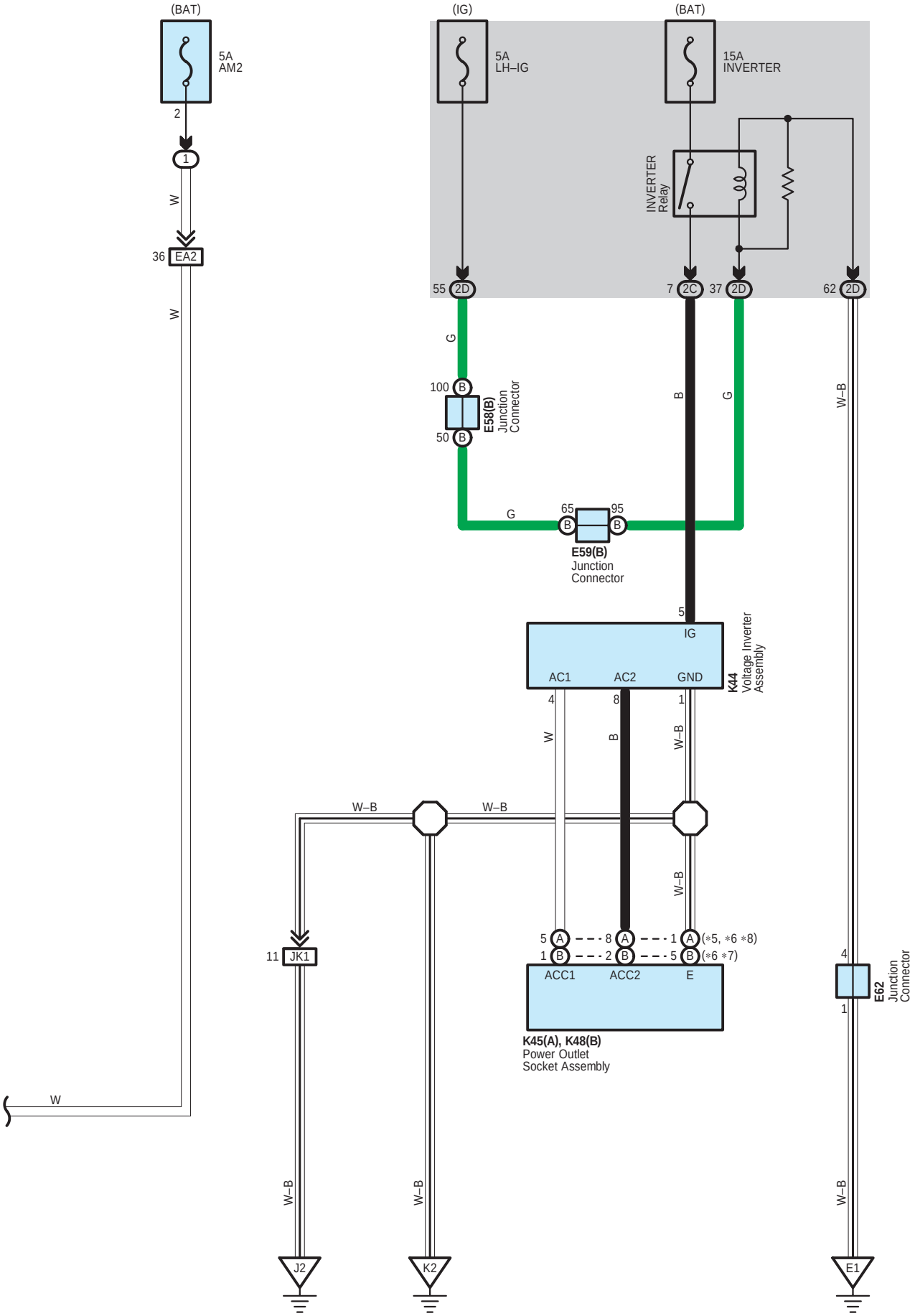



Lc1
White

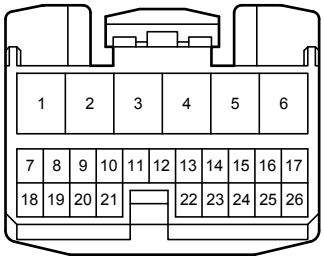




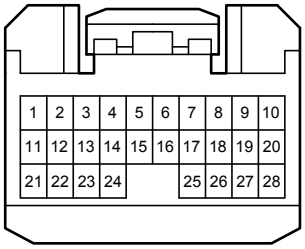

* 1 : Before Jul. 2009 Production
* 2 : From Jul. 2009 Production
* 3 : Before Jan. 2012 Production
* 4 : From Jan. 2012 Production
* 5 : Before Jan. 2013 Production
* 6 : From Jan. 2013 Production
* 7 : China
* 8 : Except *7


(BAT)
5A
AM2
2
1
W
36 EA2
W
W
(IG)
5A
LH–IG
(BAT)
15A
INVERTER
INVERTER
Relay
55 2D
7 2C
37 2D
62 2D
G
100 B
E58(B)
Junction
Connector
50 B
B
G
G
65 B
95 B
E59(B)
Junction
Connector
W–B
5
IG
AC1
AC2
GND
K44
Voltage Inverter
Assembly
4
8
1
W
B
W–B
W–B
W–B
W–B
W–B
11 JK1
5 A
1 B
8 A
2 B
1 A
5 B
(*5, *6 *8)
(*6 *7)
ACC1
ACC2
E
K45(A), K48(B)
Power Outlet
Socket Assembly
4
1
E62
Junction
Connector
W–B
W–B
W–B
J2
K2
E1

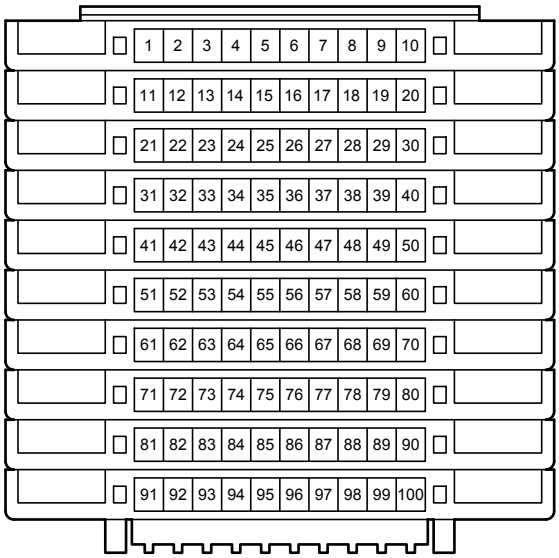
E 1
White



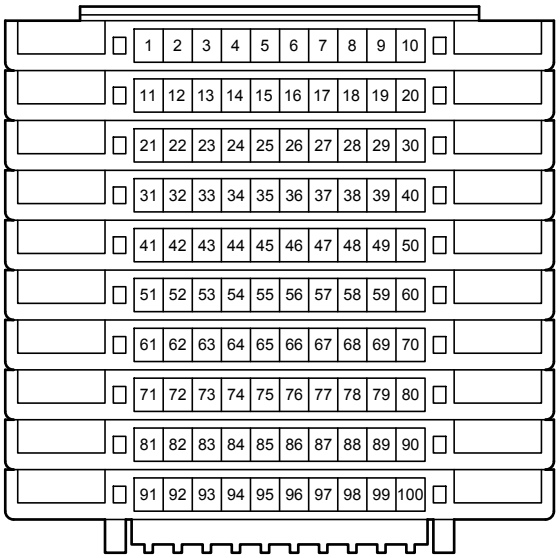

E 2
White



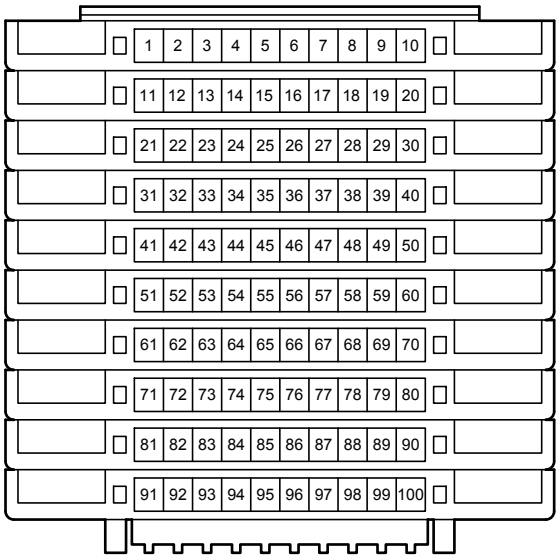

E 58
White



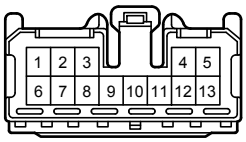

E 59
White



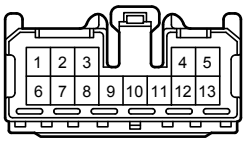

E 60
White



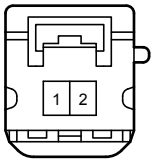

E 62
White



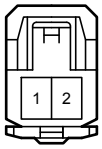

E 66
White



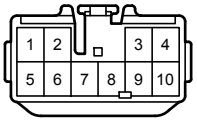

E105
White



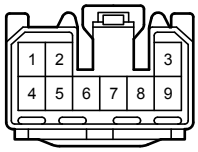

K 43
White



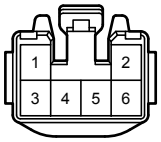

K 44
White



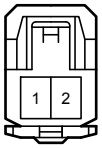

K 45
Black



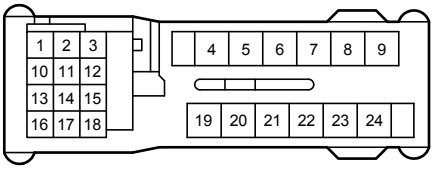

K 48
Black



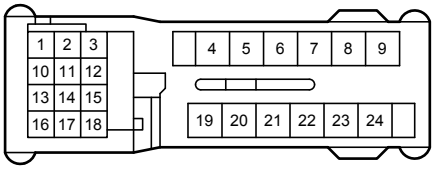
V 7
White



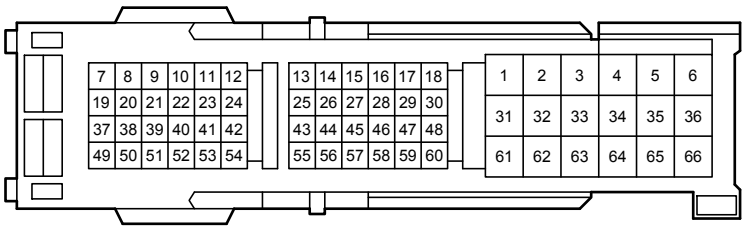

2B
White




2C
White

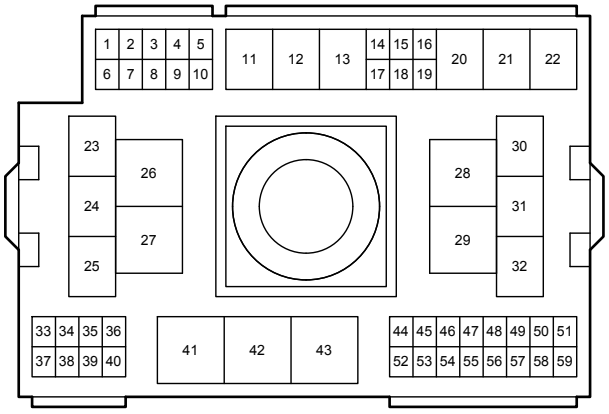



2D
White

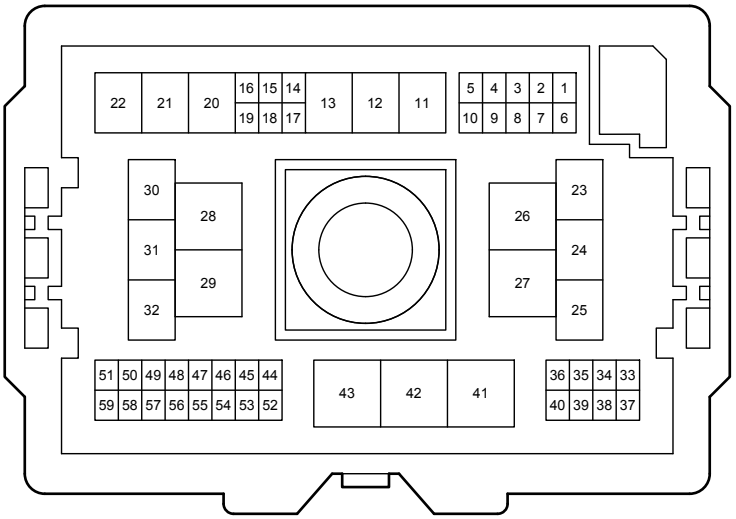



EA2

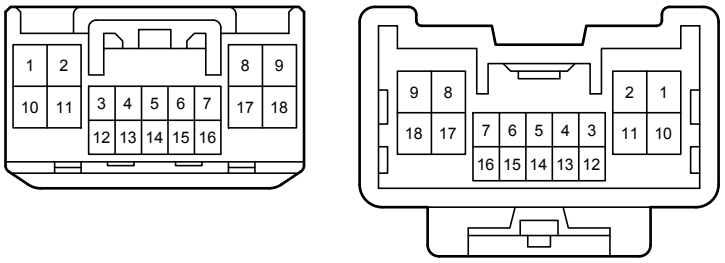
White

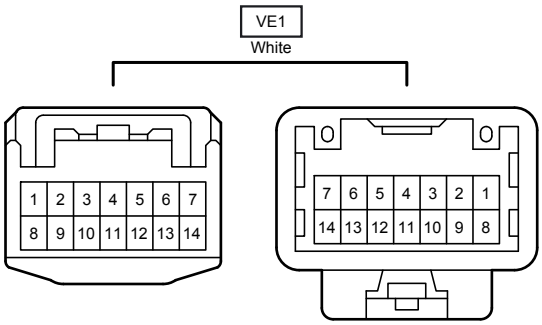


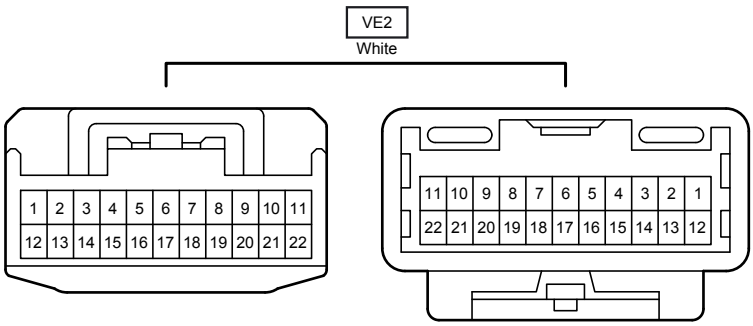

Gray

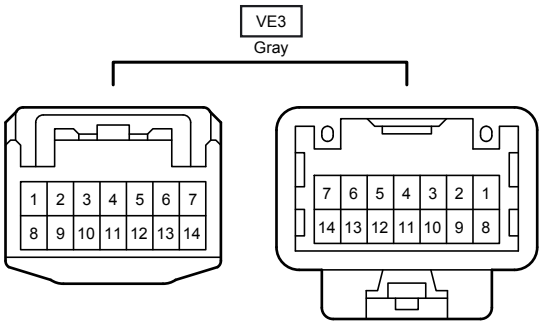


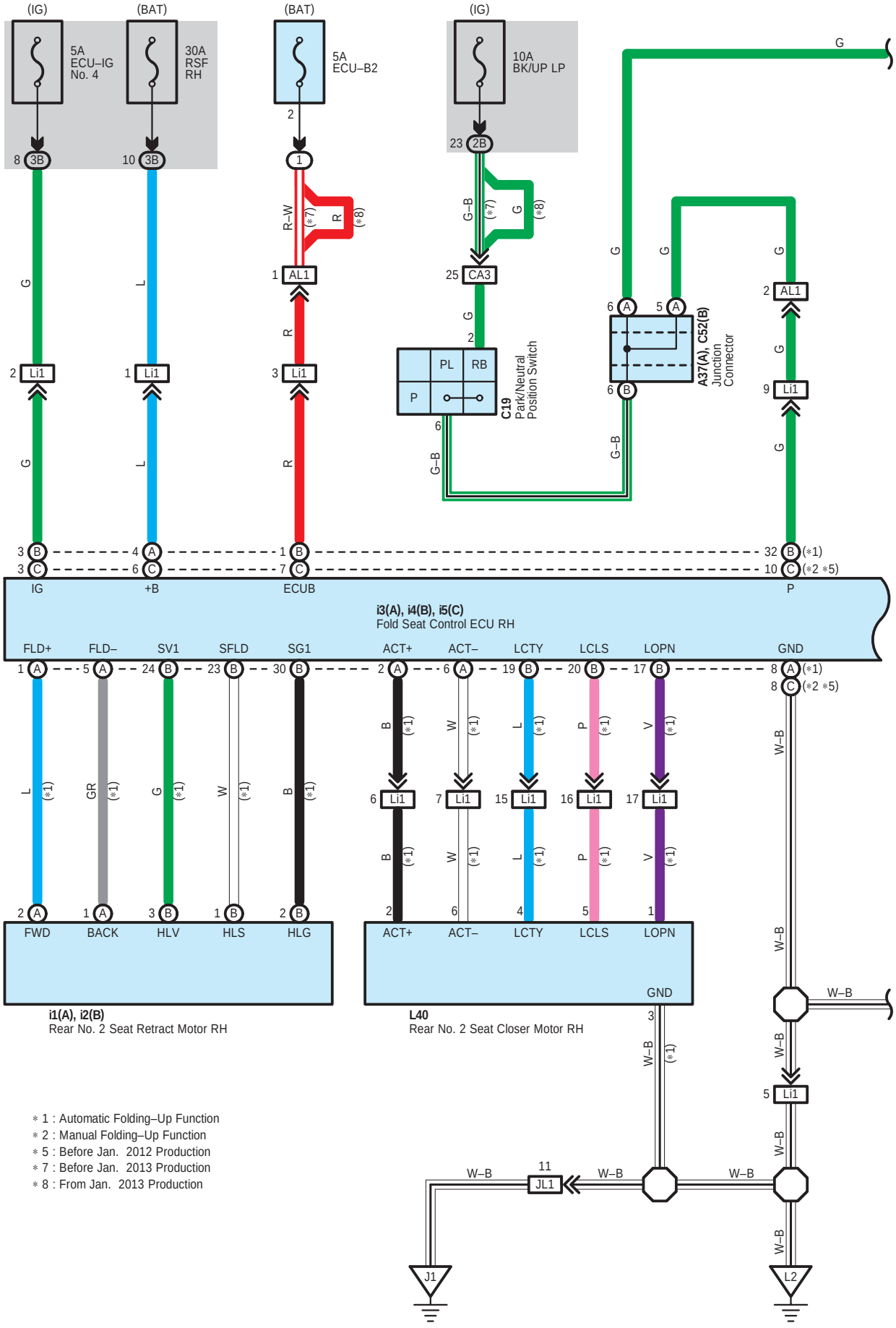

JK1
White



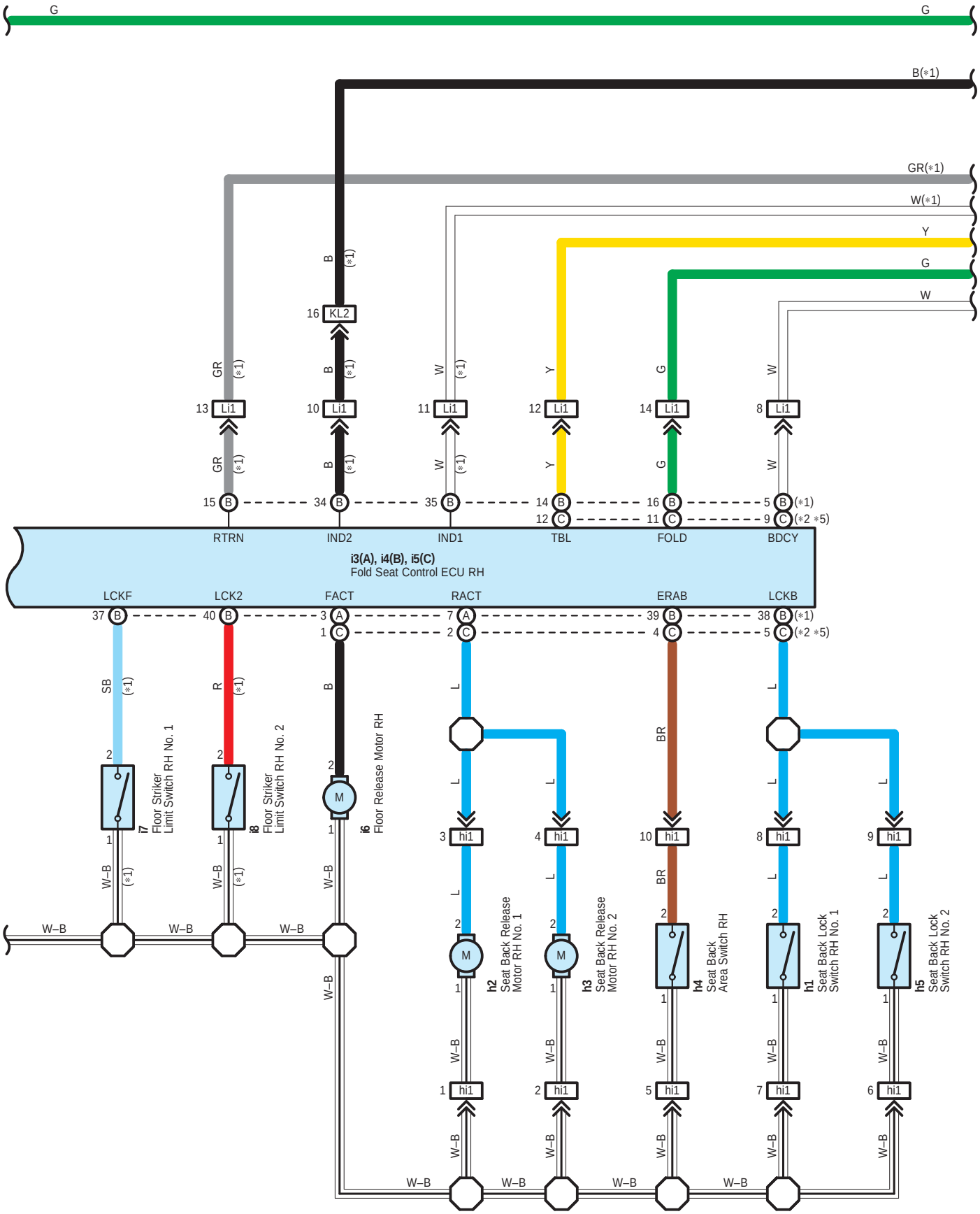

VE1
White
1 2 3 4 5 6 7
8 9 10 11 12 13 14
7 6 5 4 3 2 1
14 13 12 11 10 9 8

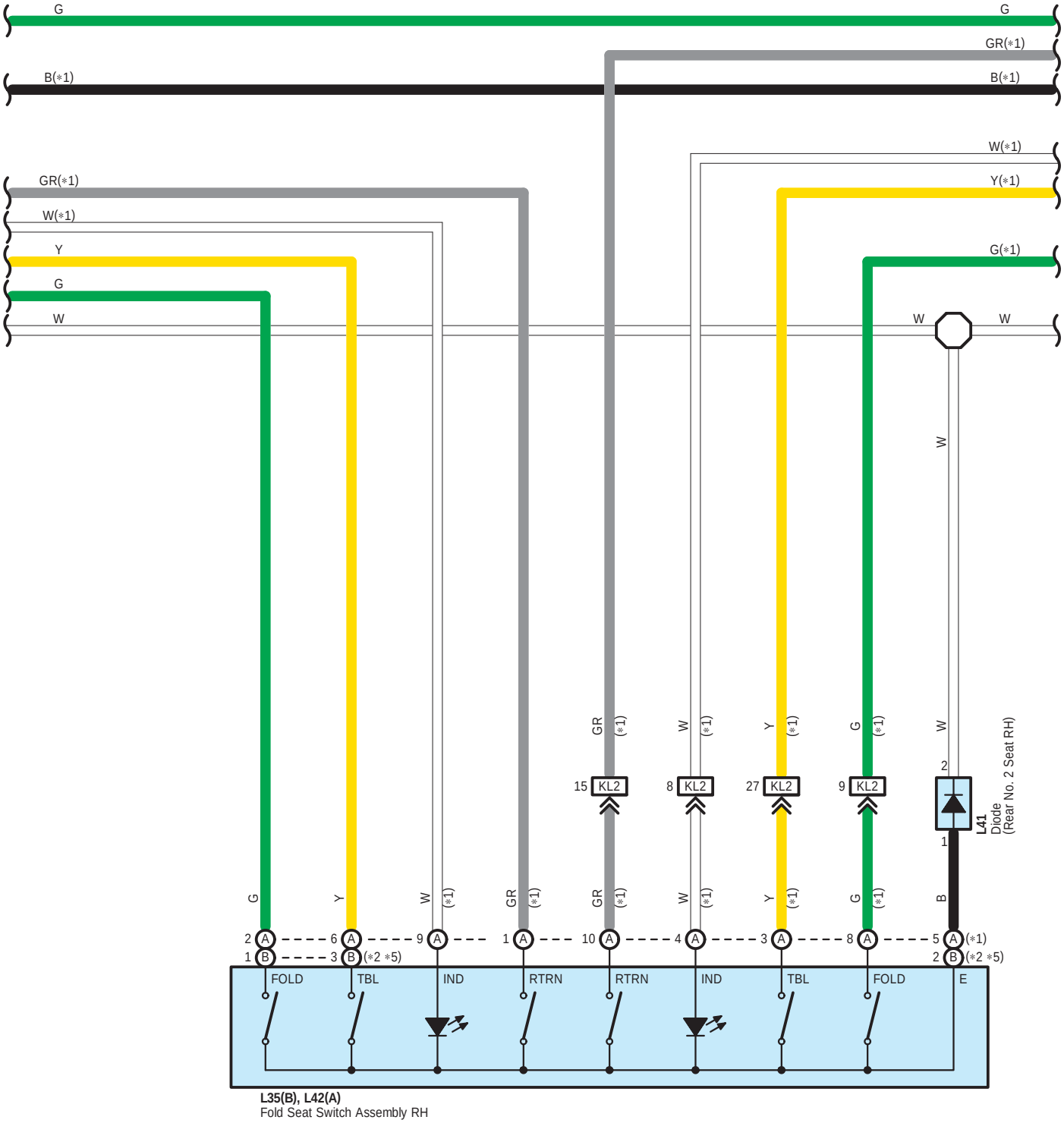

VE2
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12


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



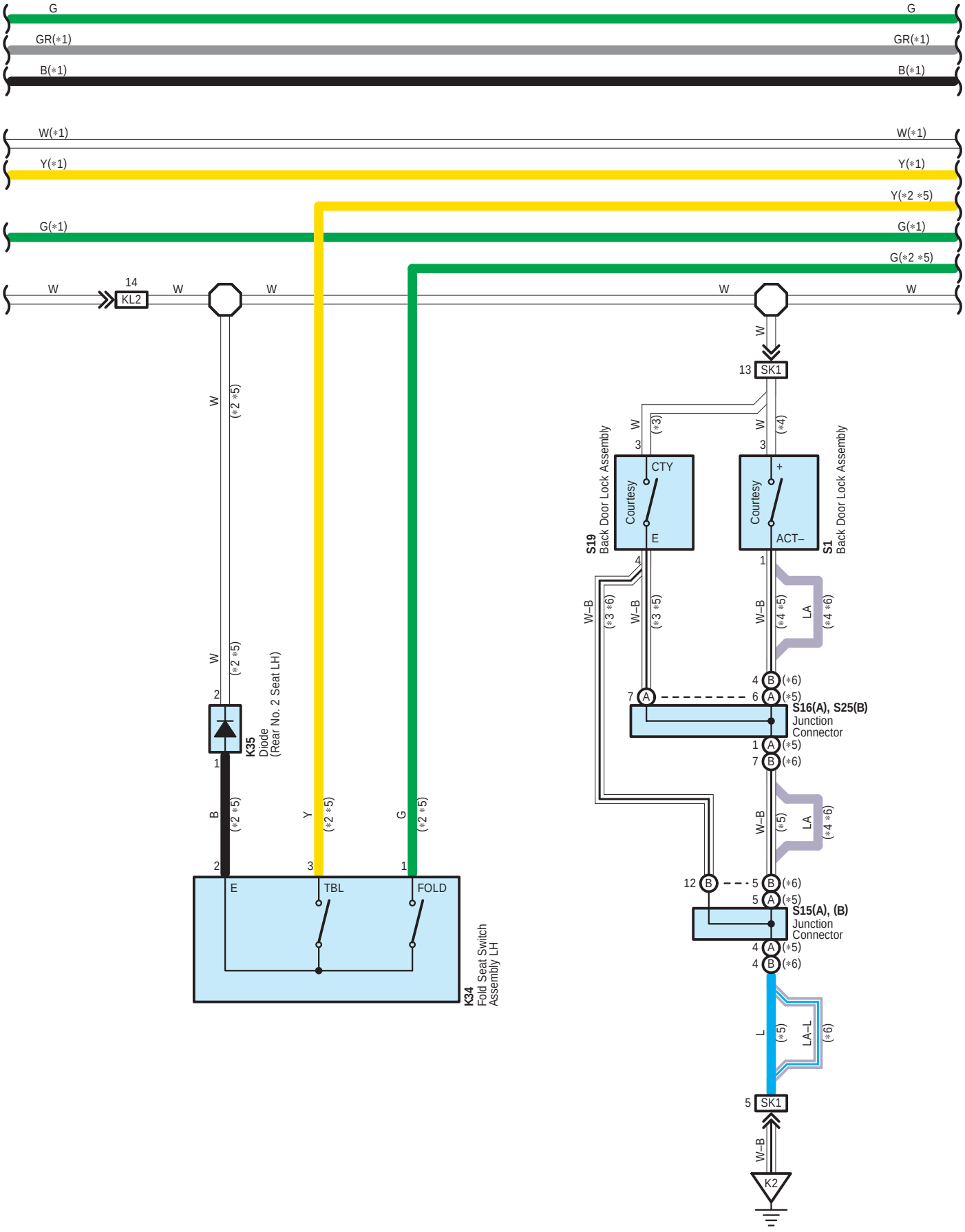

* 1 : Automatic Folding–Up Function
* 2 : Manual Folding–Up Function
* 5 : Before Jan. 2012 Production
* 7 : Before Jan. 2013 Production
* 8 : From Jan. 2013 Production

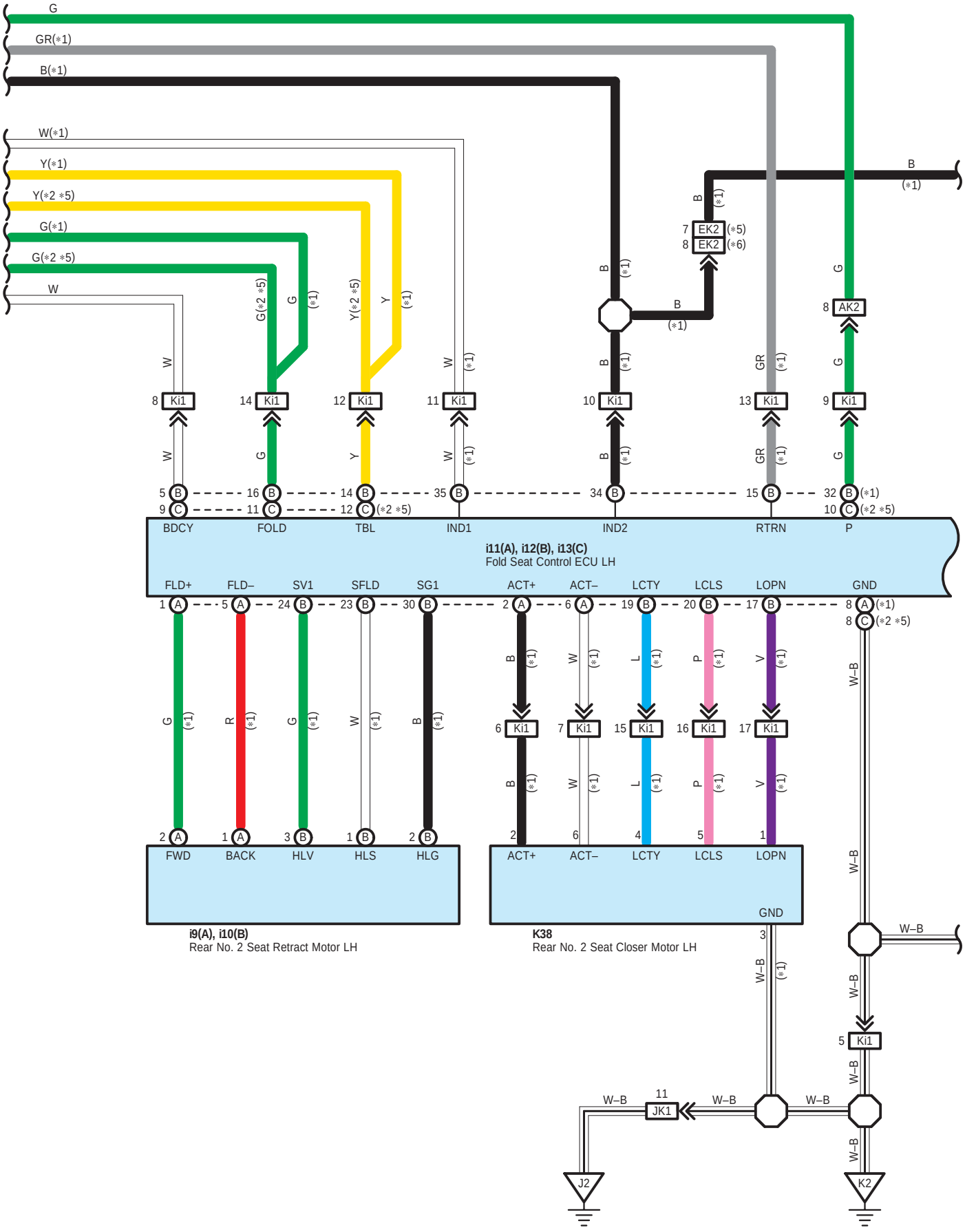

G
G
B(*1)
GR(*1)
W(*1)
Y
G
W
16 KL2
13 Li1
10 Li1
11 Li1
12 Li1
14 Li1
8 Li1
15 B
34 B
35 B
14 B
16 B
5 B (*1)
12 C
11 C
9 C (*2 *5)
RTRN
IND2
IND1
TBL
FOLD
BDCY
i3(A), i4(B), i5(C)
Fold Seat Control ECU RH
LCKF
LCK2
FACT
RACT
ERAB
LCKB
37 B
40 B
3 A
1 C
7 A
2 C
39 B
4 C
38 B (*1)
5 C (*2 *5)
i7 Floor Striker Limit Switch RH No. 1
i8 Floor Striker Limit Switch RH No. 2
i6 Floor Release Motor RH
h2 Seat Back Release Motor RH No. 1
h3 Seat Back Release Motor RH No. 2
h4 Seat Back Area Switch RH
h1 Seat Back Lock Switch RH No. 1
h5 Seat Back Lock Switch RH No. 2
W–B

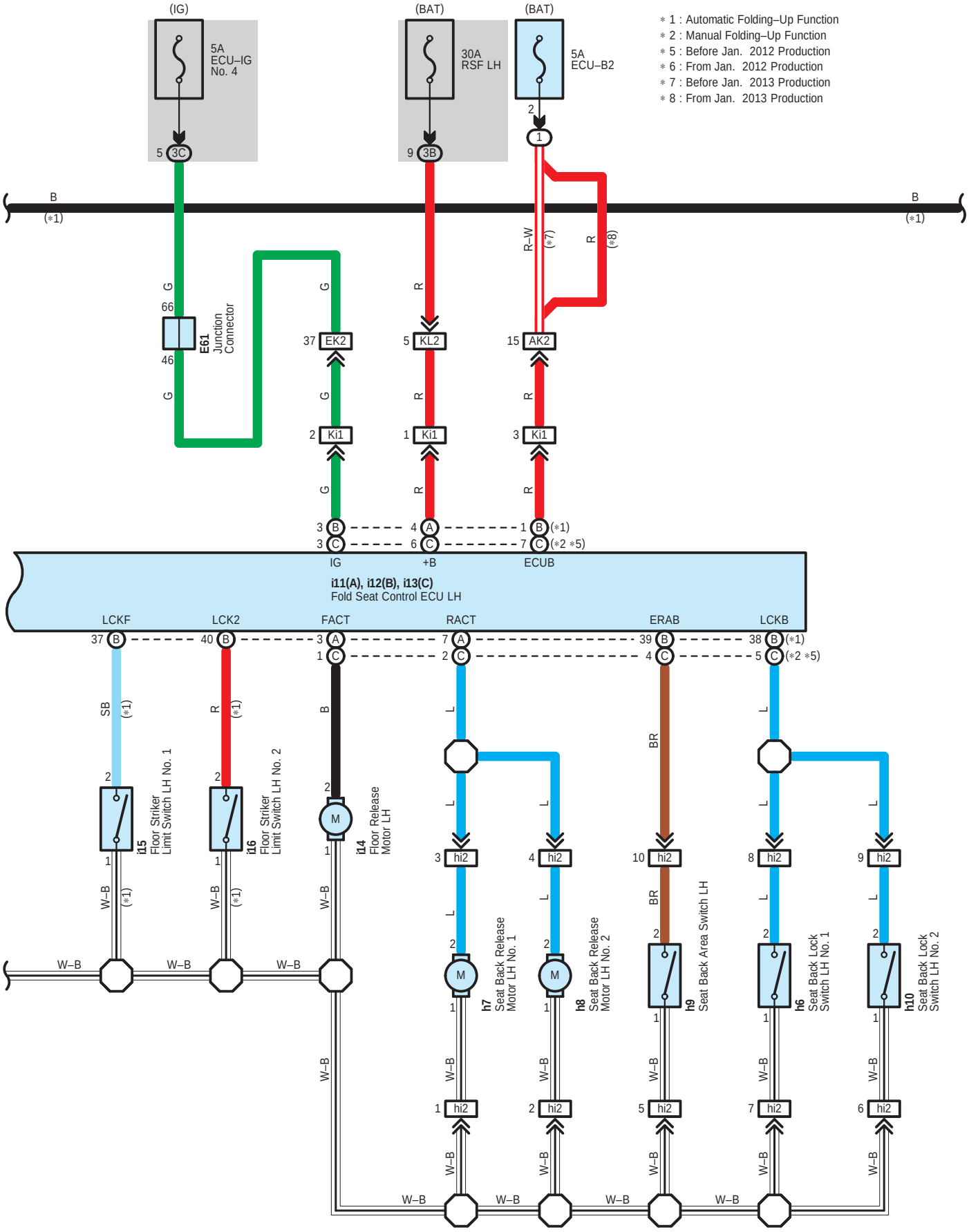


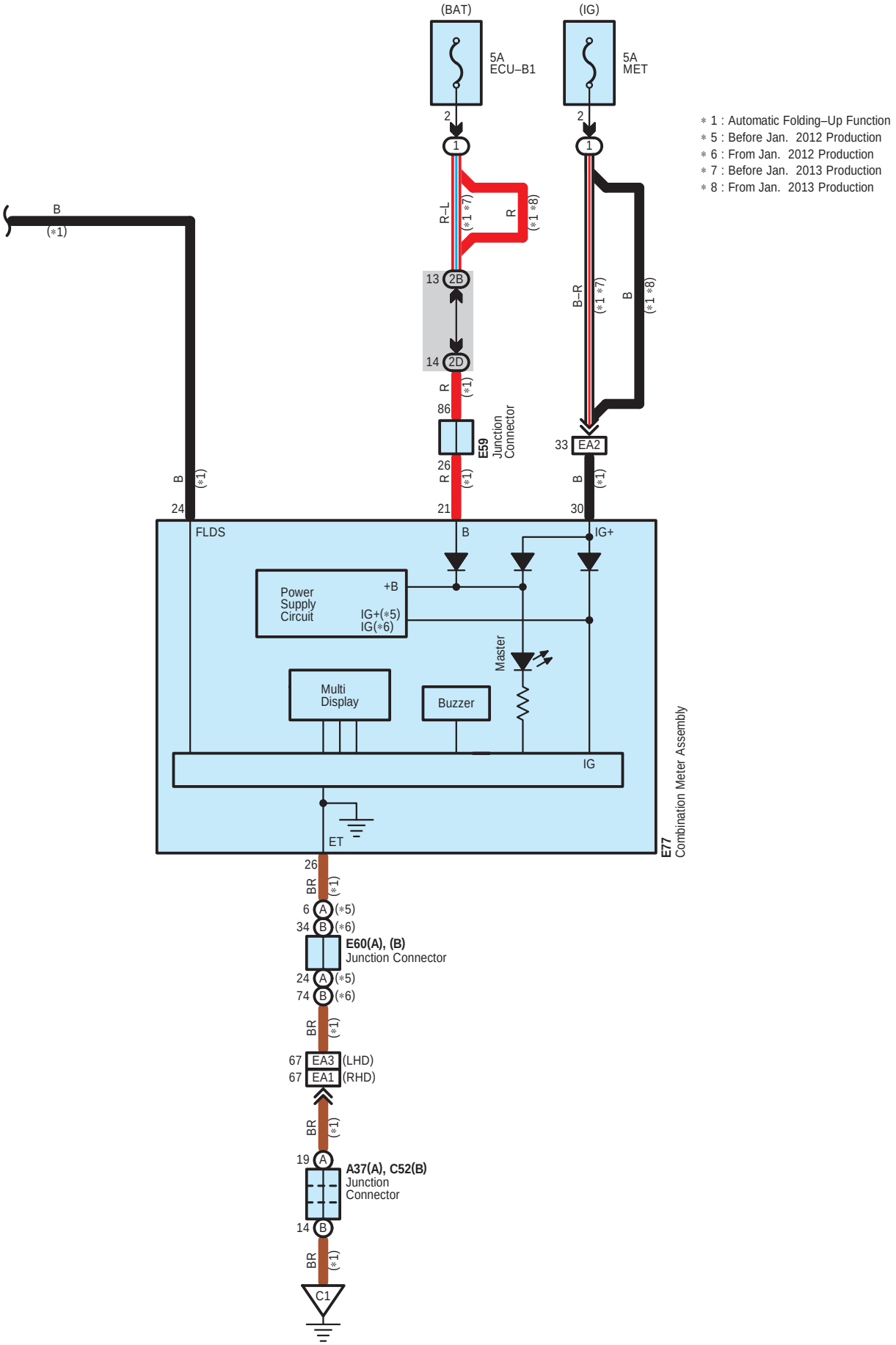

**L35(B), L42(A)**
Fold Seat Switch Assembly RH

∗ 1 : Automatic Folding–Up Function
∗ 2 : Manual Folding–Up Function
∗ 3 : w/ Power Back Door
∗ 4 : w/o Power Back Door
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production



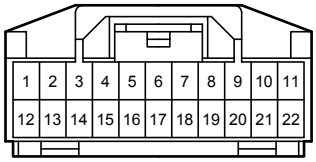

G
GR(*1)
B(*1)
W(*1)
Y(*1)
Y(*2 *5)
G(*1)
G(*2 *5)
W
B (*1)
7 EK2 (*5)
8 EK2 (*6)
B (*1)
8 AK2
8 Ki1
14 Ki1
12 Ki1
11 Ki1
10 Ki1
13 Ki1
9 Ki1
5 B
9 C
16 B
11 C
14 B
12 C (*2 *5)
35 B
34 B
15 B
32 B (*1)
10 C (*2 *5)
BDCY
FOLD
TBL
IND1
IND2
RTRN
P
i11(A), i12(B), i13(C)
Fold Seat Control ECU LH
FLD+
FLD–
SV1
SFLD
SG1
ACT+
ACT–
LCTY
LCLS
LOPN
GND
1 A
5 A
24 B
23 B
30 B
2 A
6 A
19 B
20 B
17 B
8 A (*1)
8 C (*2 *5)
6 Ki1
7 Ki1
15 Ki1
16 Ki1
17 Ki1
2 A
1 A
3 B
1 B
2 B
FWD
BACK
HLV
HLS
HLG
i9(A), i10(B)
Rear No. 2 Seat Retract Motor LH
2
6
4
5
1
ACT+
ACT–
LCTY
LCLS
LOPN
GND
K38
Rear No. 2 Seat Closer Motor LH
3
W–B
5 Ki1
11 JK1
J2
K2


(IG)
5A
ECU–IG
No. 4
5
3C
(BAT)
30A
RSF LH
9
3B
(BAT)
5A
ECU–B2
2
1
∗ 1 : Automatic Folding–Up Function
∗ 2 : Manual Folding–Up Function
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production
∗ 7 : Before Jan. 2013 Production
∗ 8 : From Jan. 2013 Production
B
(∗1)
B
(∗1)
R–W
(∗7)
R
(∗8)
G
66
E61
Junction
Connector
46
37
EK2
5
KL2
15
AK2
2
Ki1
1
Ki1
3
Ki1
3
B
4
A
1
B
(∗1)
3
C
6
C
7
C
(∗2 ∗5)
IG
+B
ECUB
i11(A), i12(B), i13(C)
Fold Seat Control ECU LH
LCKF
LCK2
FACT
RACT
ERAB
LCKB
37
B
40
B
3
A
1
C
7
A
2
C
39
B
4
C
38
B
(∗1)
5
C
(∗2 ∗5)
SB
(∗1)
R
(∗1)
B
L
BR
L
2
2
2
2
i15
Floor Striker
Limit Switch LH No. 1
i16
Floor Striker
Limit Switch LH No. 2
i14
Floor Release
Motor LH
h7
Seat Back Release
Motor LH No. 1
h8
Seat Back Release
Motor LH No. 2
h9
Seat Back Area Switch LH
h6
Seat Back Lock
Switch LH No. 1
h10
Seat Back Lock
Switch LH No. 2
1
W–B
(∗1)
W–B
W–B
W–B
3
hi2
4
hi2
10
hi2
8
hi2
9
hi2
1
W–B
W–B
W–B
W–B
W–B
W–B
W–B
W–B
W–B
W–B
1
hi2
2
hi2
5
hi2
7
hi2
6
hi2
W–B
W–B
W–B
W–B
W–B

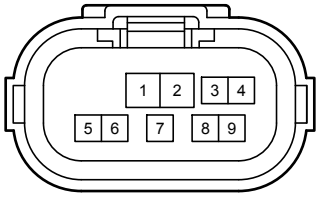



* 1 : Automatic Folding–Up Function
* 5 : Before Jan. 2012 Production
* 6 : From Jan. 2012 Production
* 7 : Before Jan. 2013 Production
* 8 : From Jan. 2013 Production

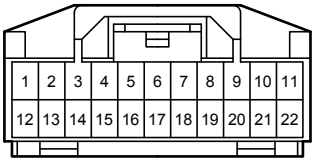
A 37
Blue



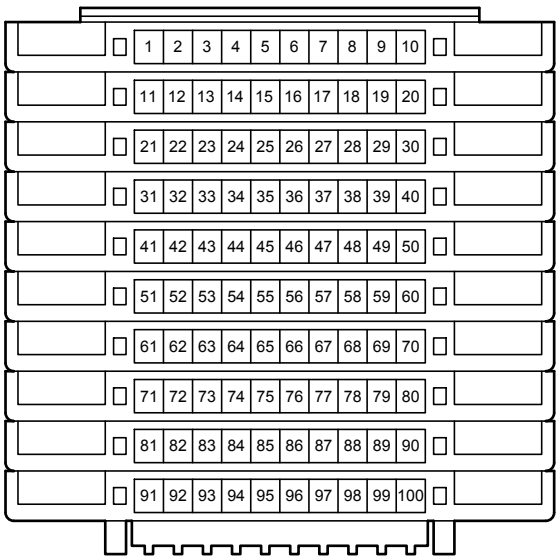

C 19
Gray



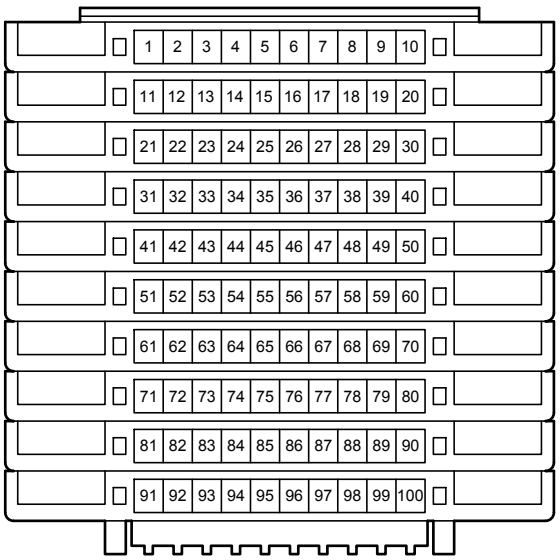

C 52
Blue



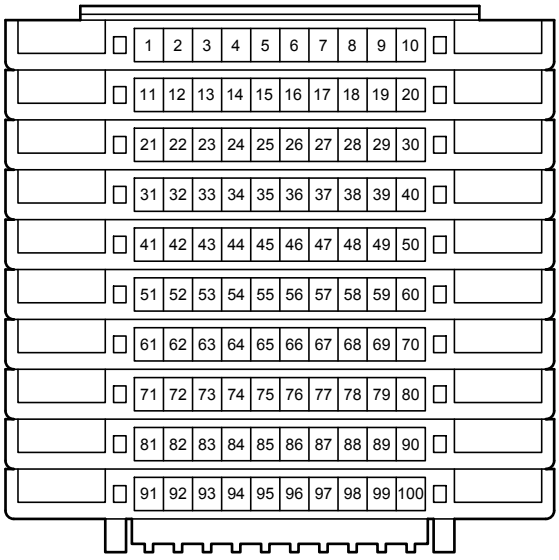

E 59
White



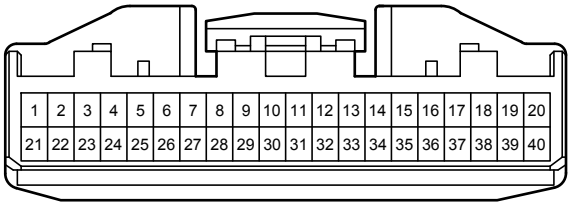

E 60
White



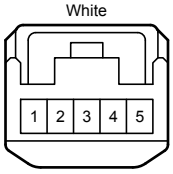

E 61
White




E 77
White



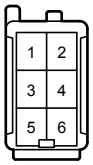

K 34
White



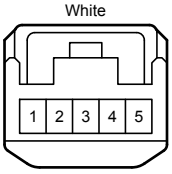

K 35
White



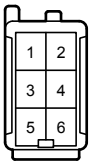

K 38
White




L 35
White



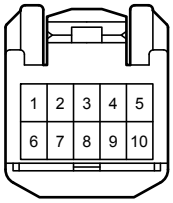

L 40
White



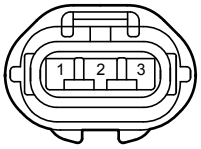

L 41
White



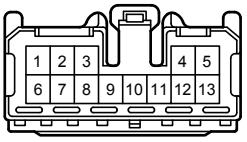
L 42
White



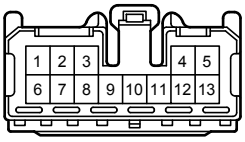

S 1
Black



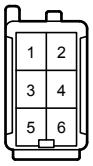

S 15
White



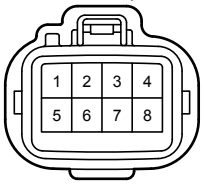

S 16
White



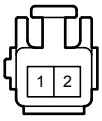

S 19
Black



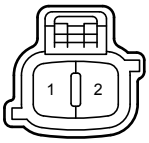

S 25
Dark Gray



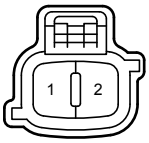

h 1
White



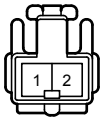

h 2
White



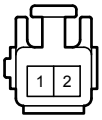

h 3
White



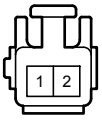

h 4
Blue



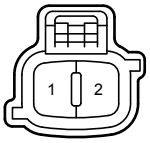

h 5
Black



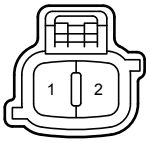

h 6
Black



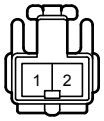

h 7
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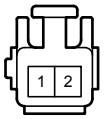

h 8
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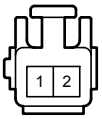

h 9
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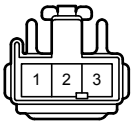

h 10
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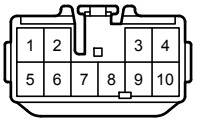

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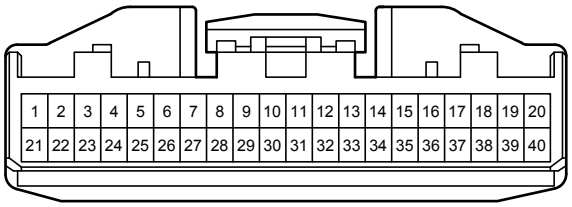

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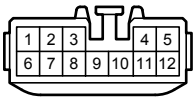

i 3
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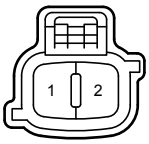

i 4
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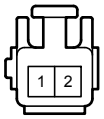

i 5
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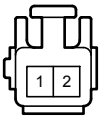

i 6
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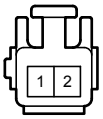

i 7
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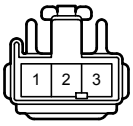

i 8
Black



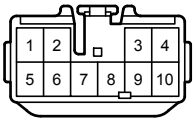

i 9
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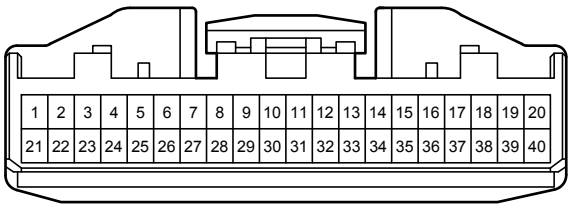

i 10
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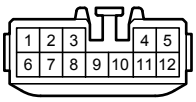

i 11
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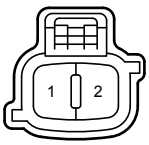

i 12
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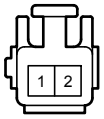

i 13
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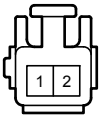

i 14
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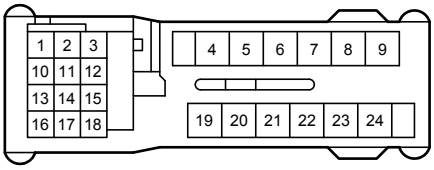
i 15
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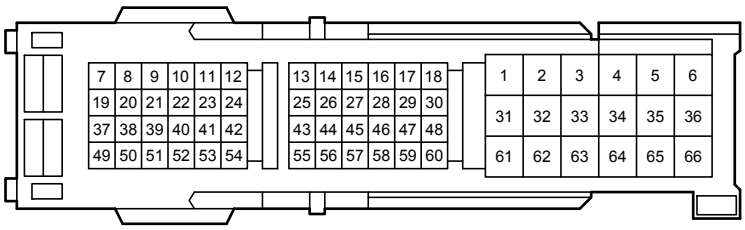

i 16
Black



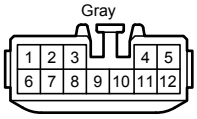

2B
White



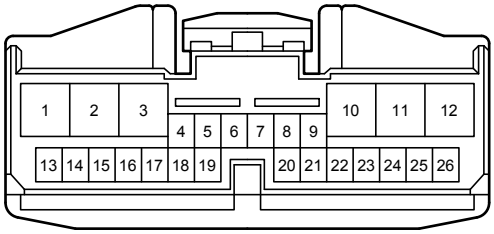

2D
White



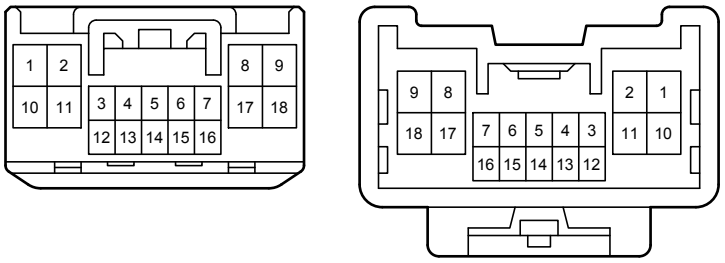

3B
Gray



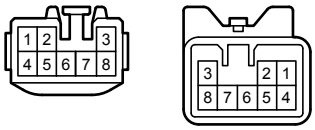

3C
White



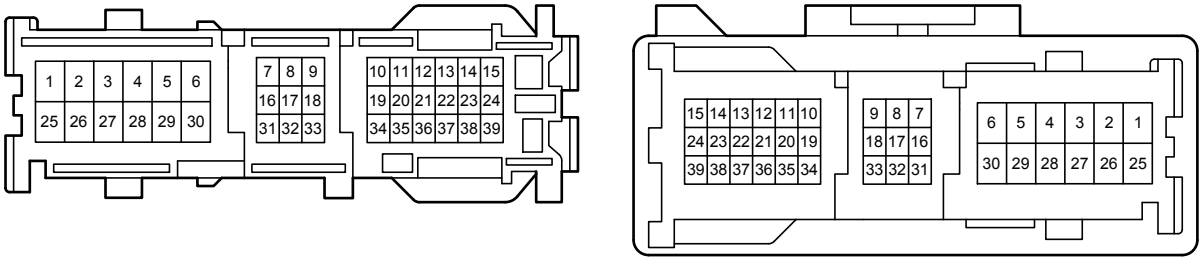

AK2
Gray

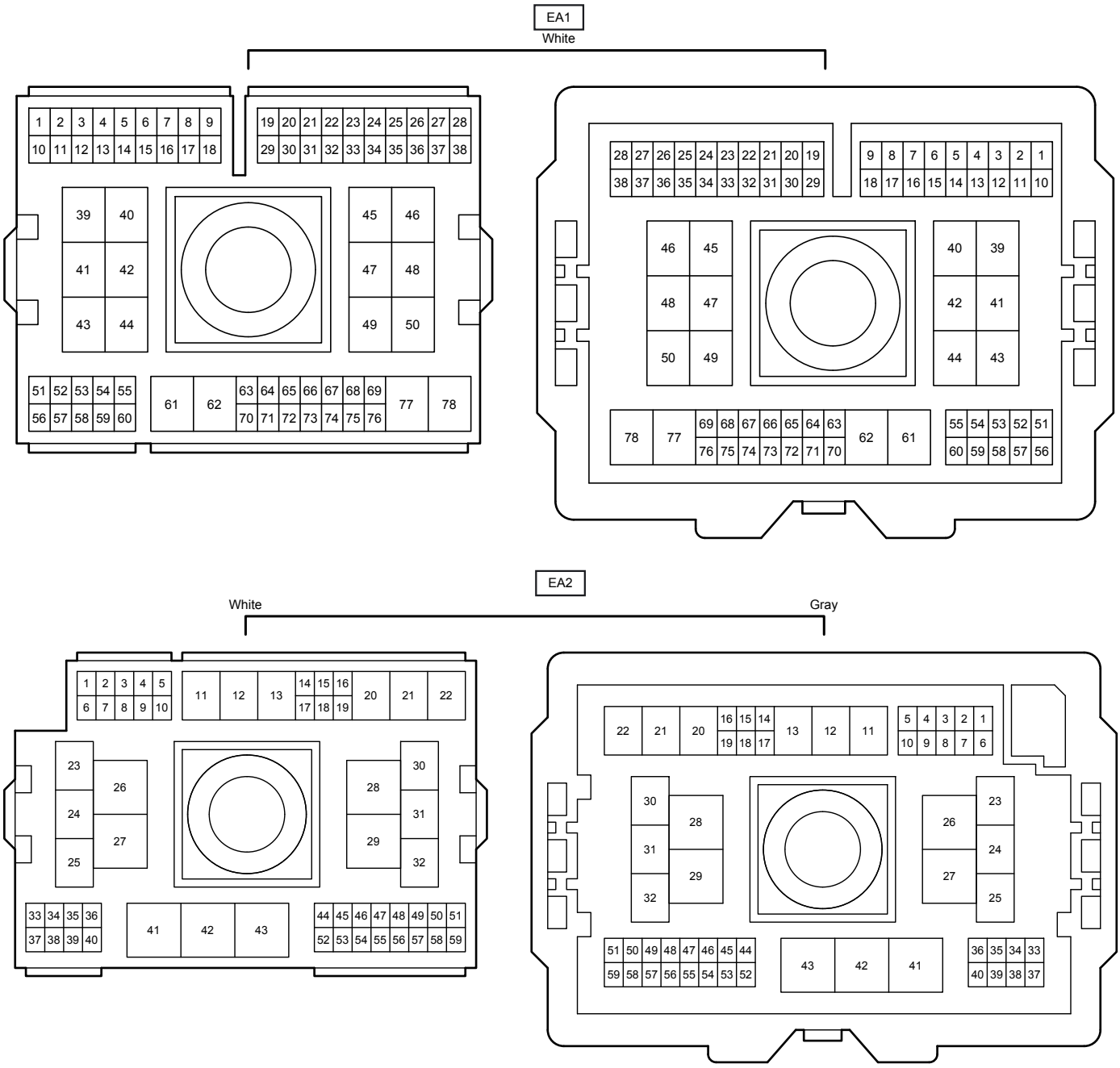



AL1
White

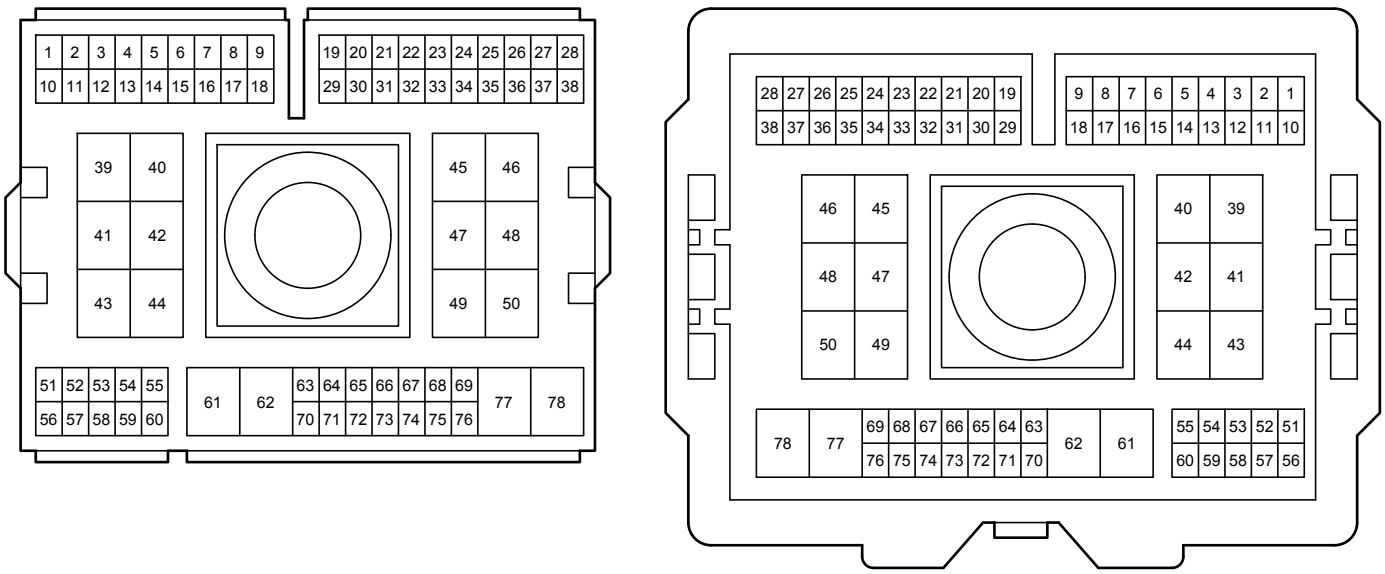



CA3
White

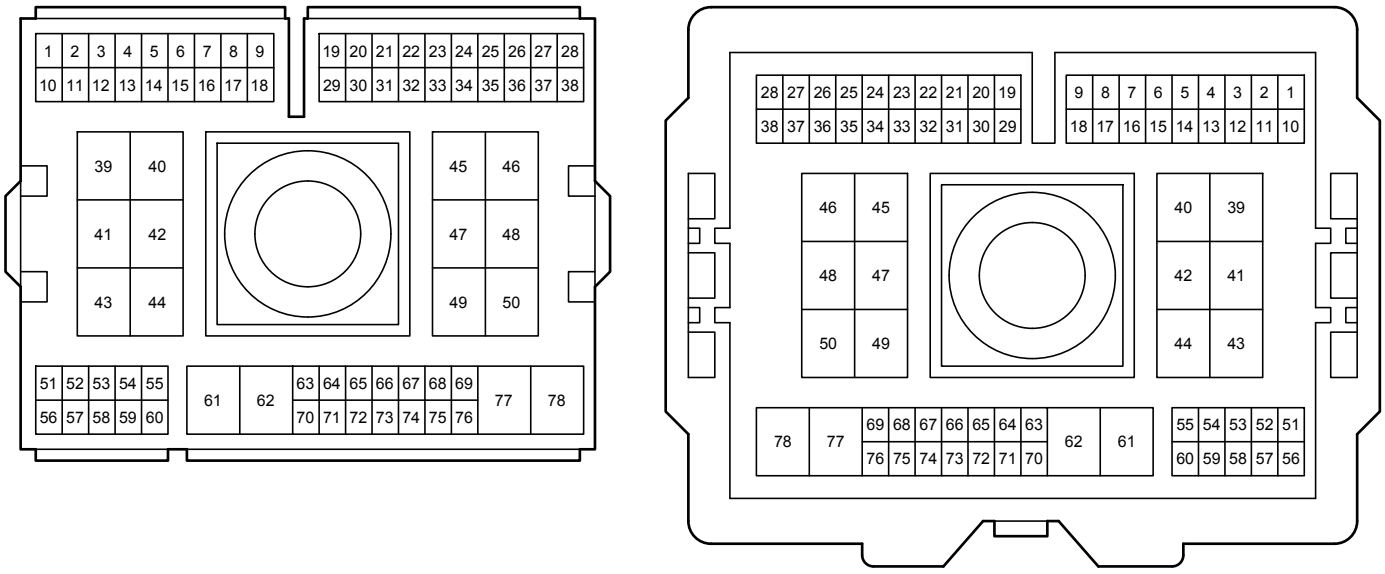



EA1
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7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

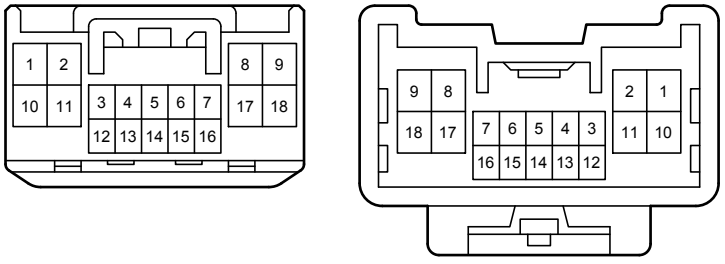
EA3
White

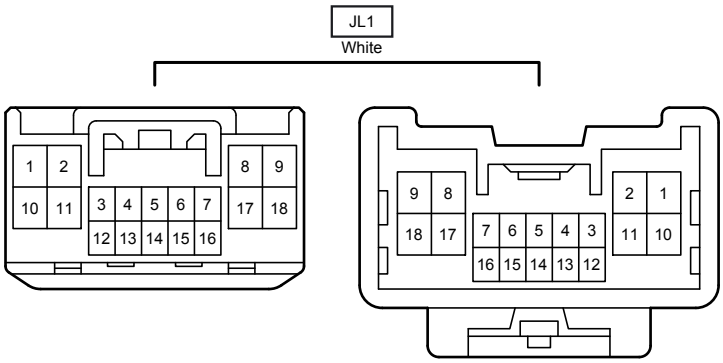


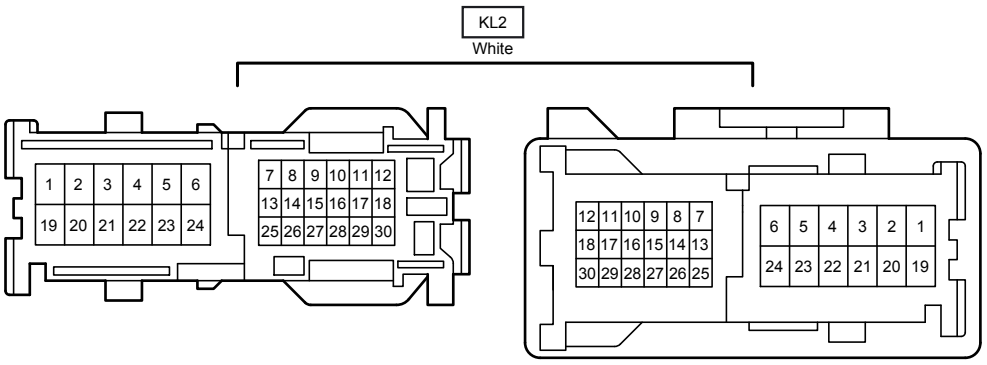

EK2
White

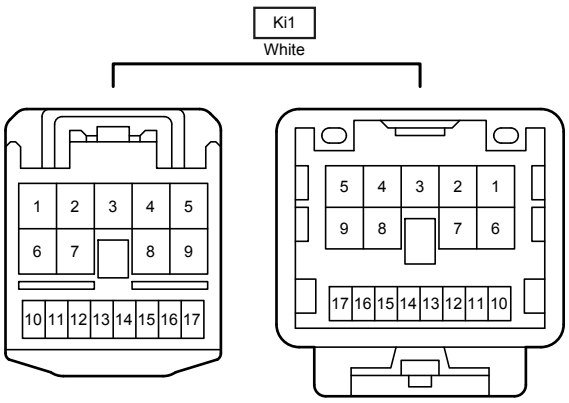


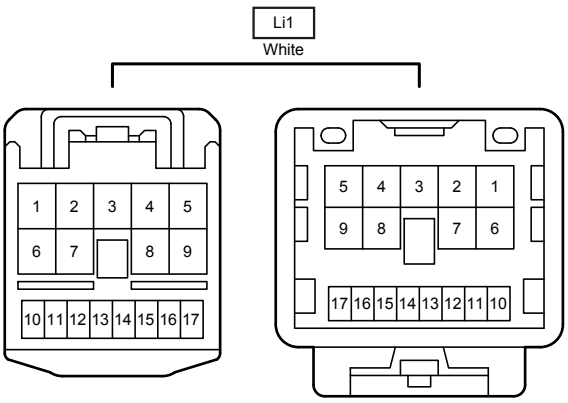

JK1
White

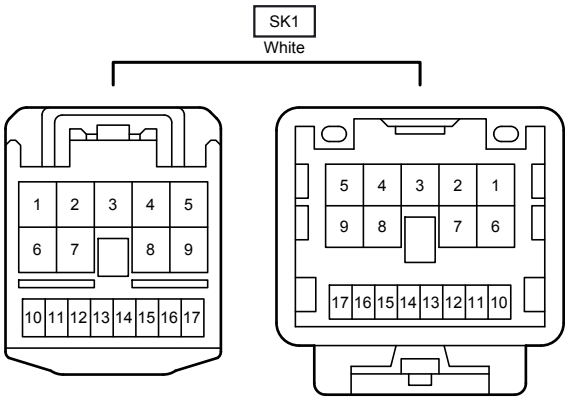


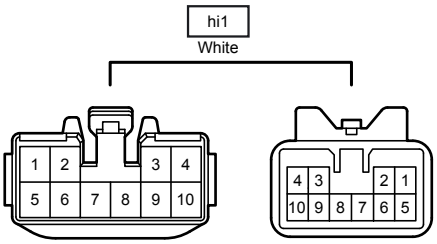

JL1
White
1 2 8 9
10 11 3 4 5 6 7 17 18
12 13 14 15 16
9 8 2 1
18 17 7 6 5 4 3 11 10
16 15 14 13 12

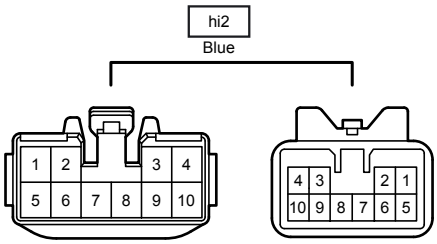

KL2
White
1 2 3 4 5 6 7 8 9 10 11 12
19 20 21 22 23 24 13 14 15 16 17 18
25 26 27 28 29 30
12 11 10 9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 24 23 22 21 20 19
30 29 28 27 26 25

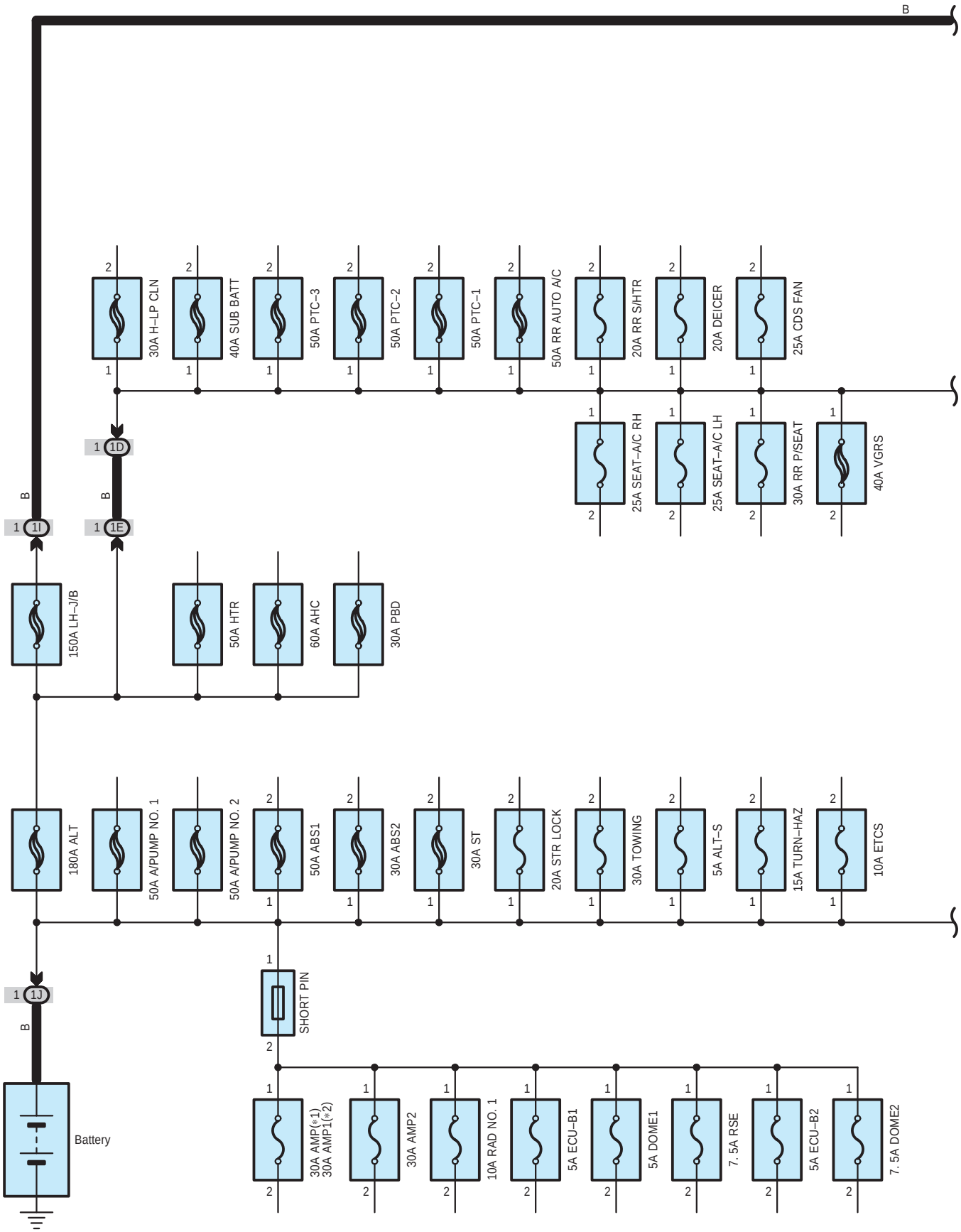

Ki1
White
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
5 4 3 2 1 9 8 7 6 17 16 15 14 13 12 11 10

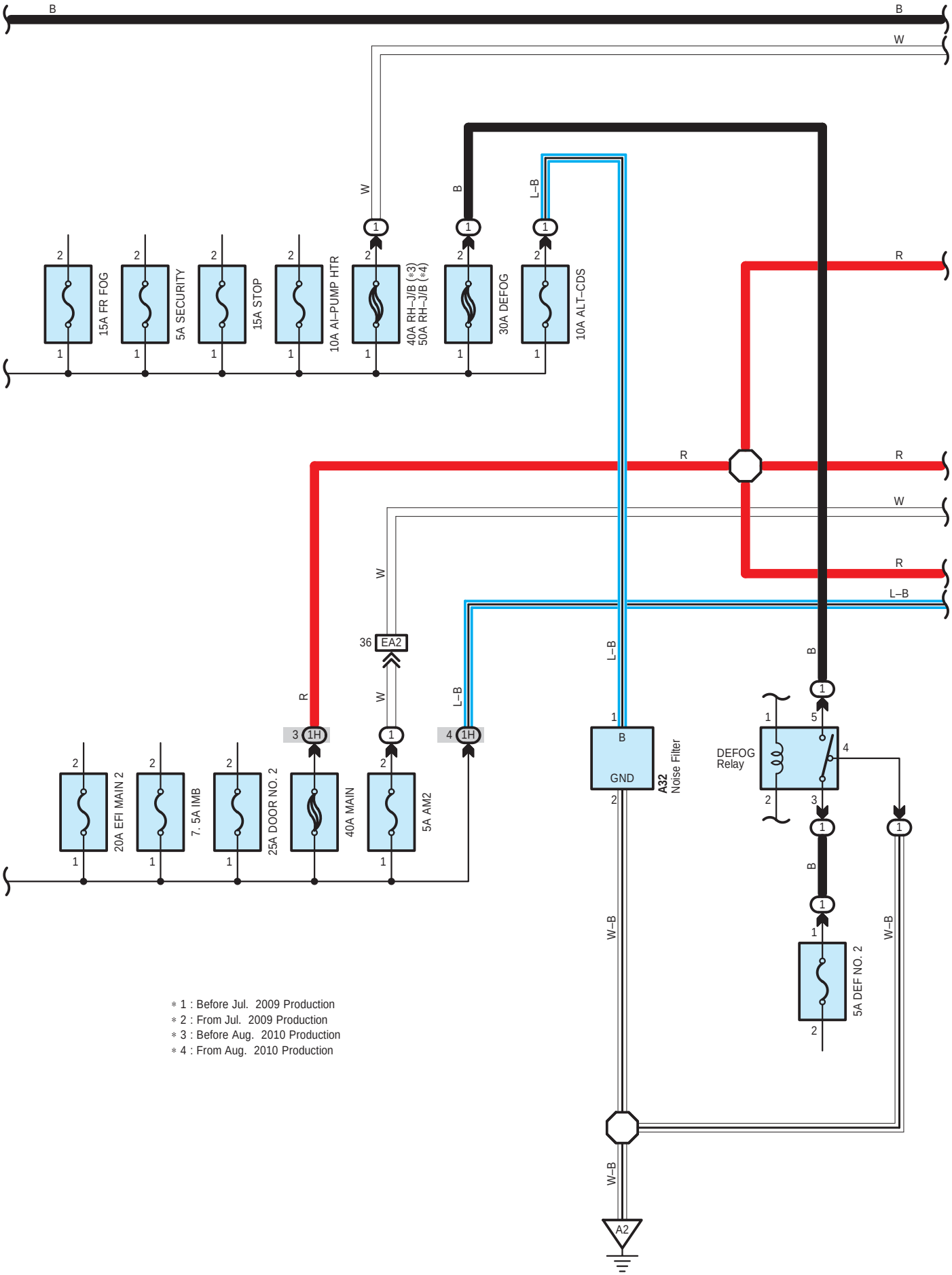

Li1
White
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
5 4 3 2 1 9 8 7 6 17 16 15 14 13 12 11 10


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

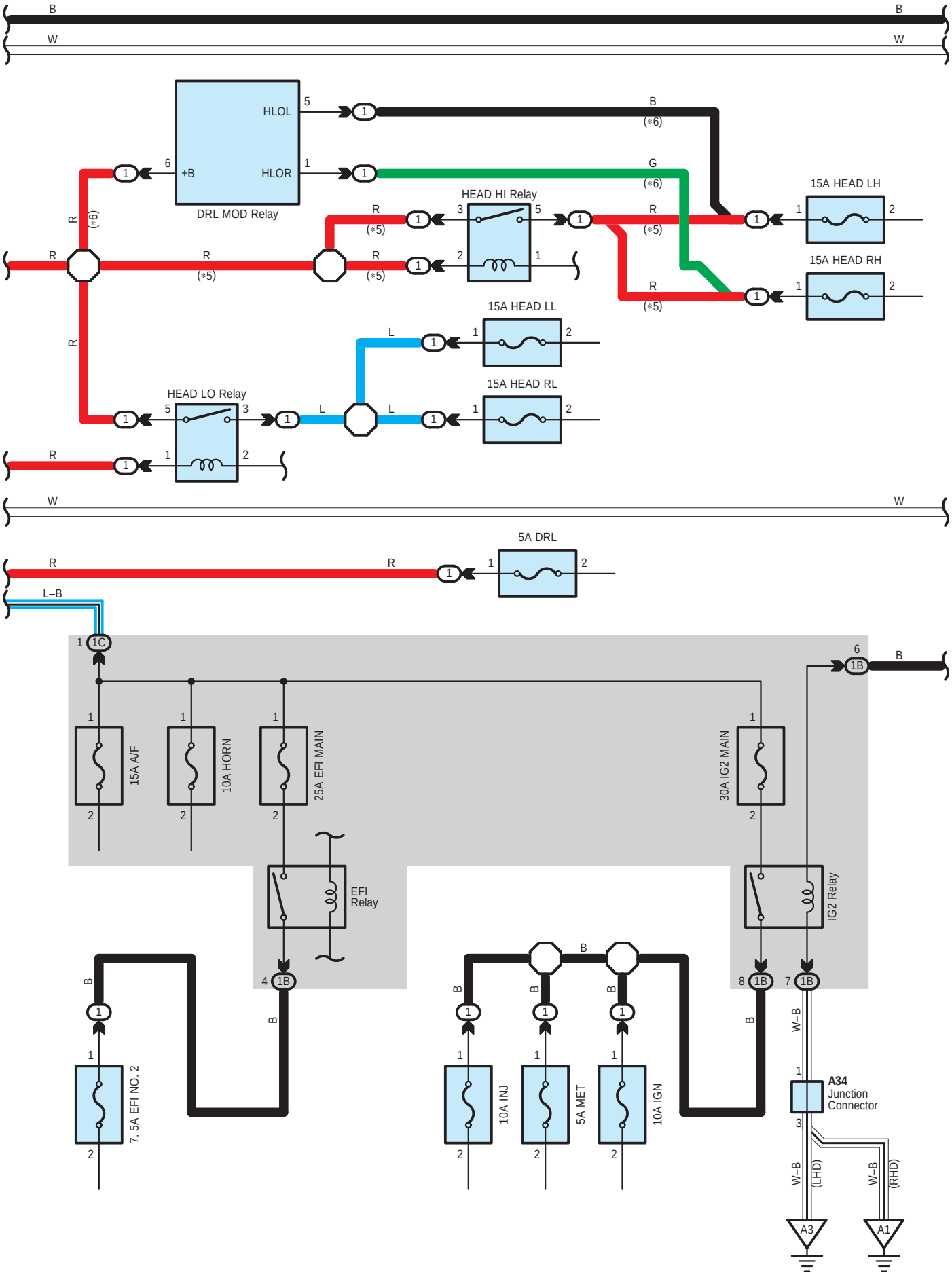

hi1
White
1 2 3 4 5 6 7 8 9 10
4 3 2 1 10 9 8 7 6 5

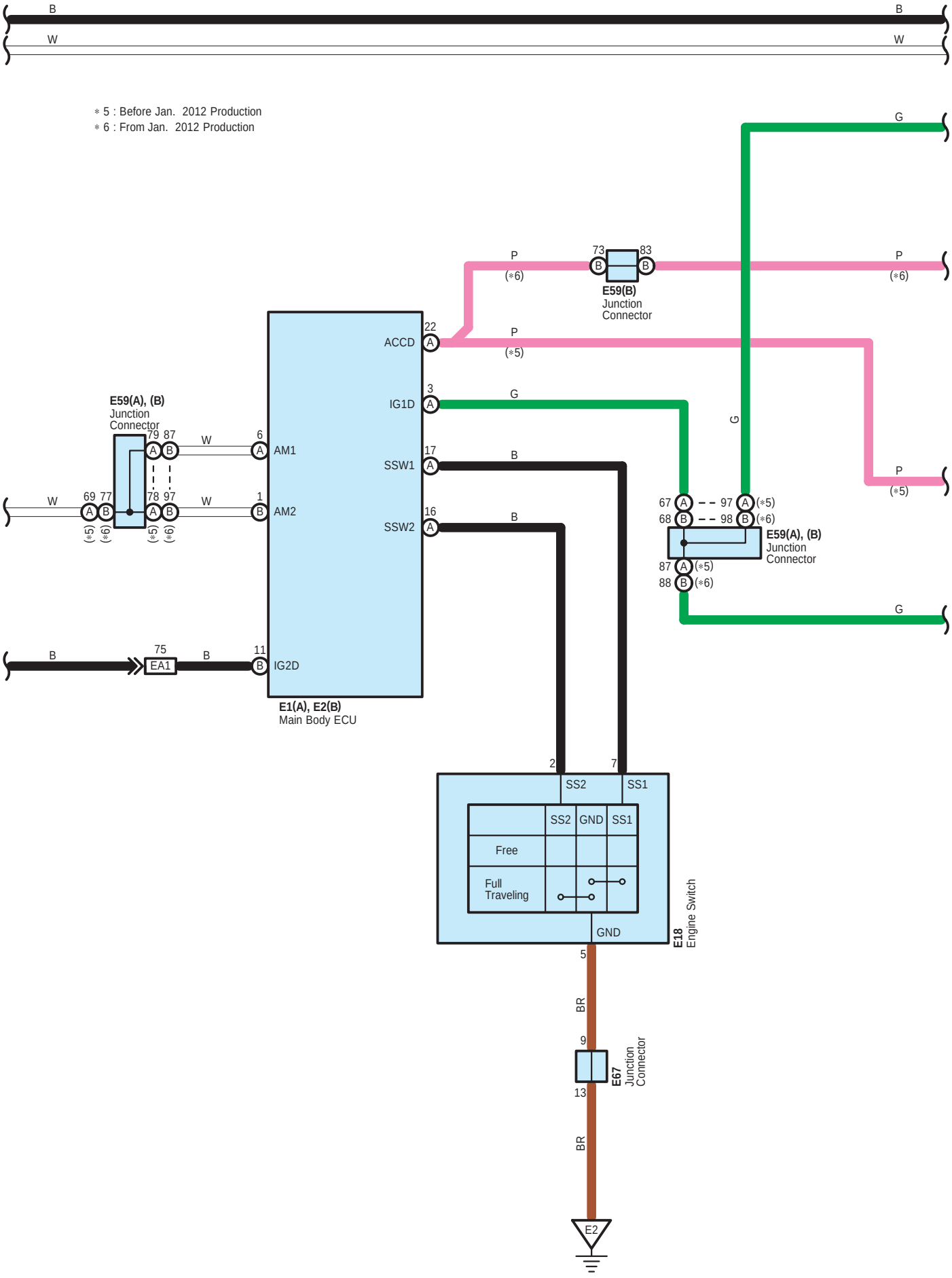

hi2
Blue
1
2
3
4
5
6
7
8
9
10
4
3
2
1
10
9
8
7
6
5

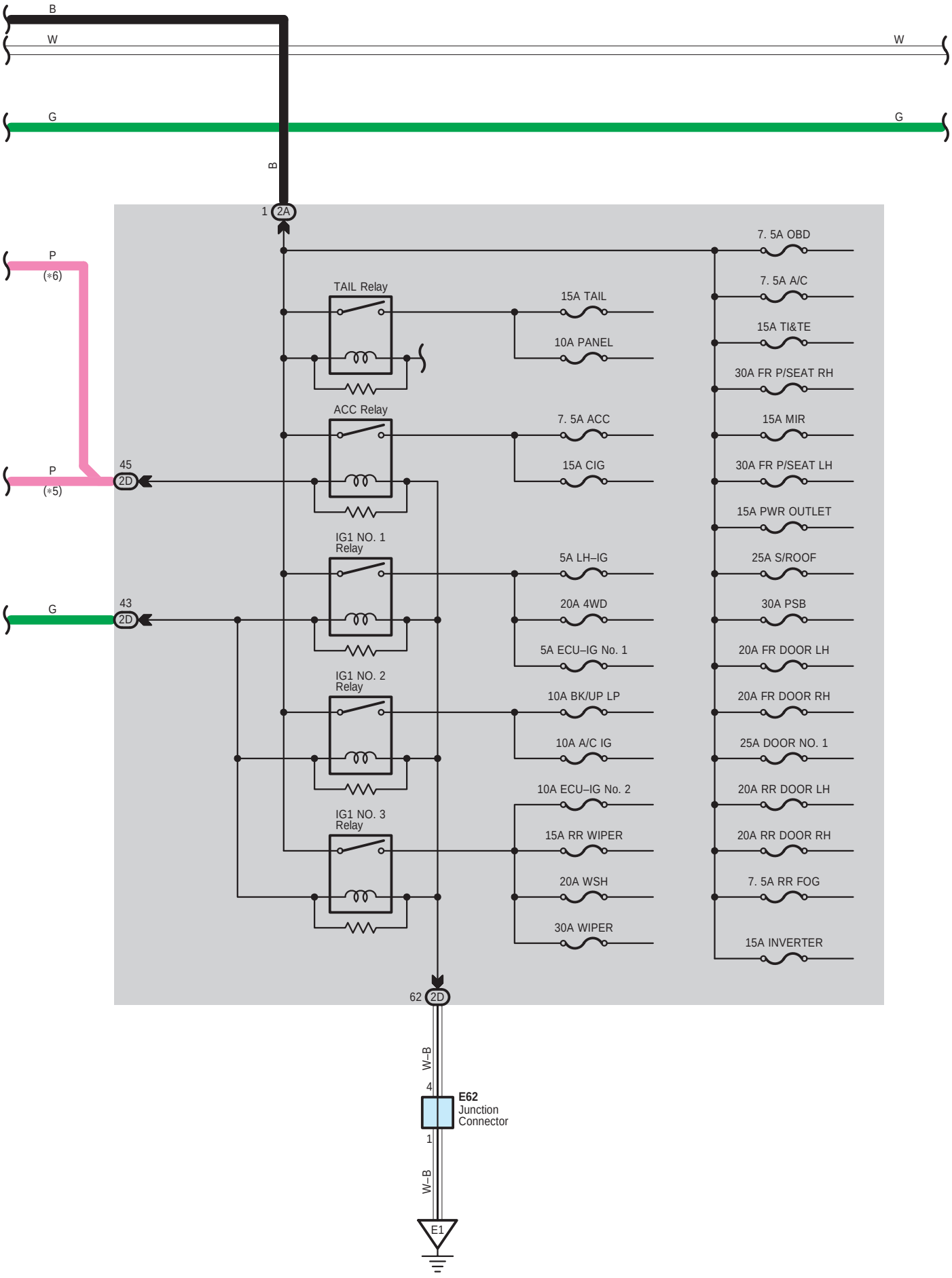

B
30A H–LP CLN
40A SUB BATT
50A PTC–3
50A PTC–2
50A PTC–1
50A RR AUTO A/C
20A RR S/HTR
20A DEICER
25A CDS FAN
25A SEAT–A/C RH
25A SEAT–A/C LH
30A RR P/SEAT
40A VGRS
1D
1E
1I
150A LH–J/B
50A HTR
60A AHC
30A PBD
180A ALT
50A A/PUMP NO. 1
50A A/PUMP NO. 2
50A ABS1
30A ABS2
30A ST
20A STR LOCK
30A TOWING
5A ALT–S
15A TURN–HAZ
10A ETCS
1J
SHORT PIN
Battery
30A AMP(*1)
30A AMP1(*2)
30A AMP2
10A RAD NO. 1
5A ECU–B1
5A DOME1
7. 5A RSE
5A ECU–B2
7. 5A DOME2

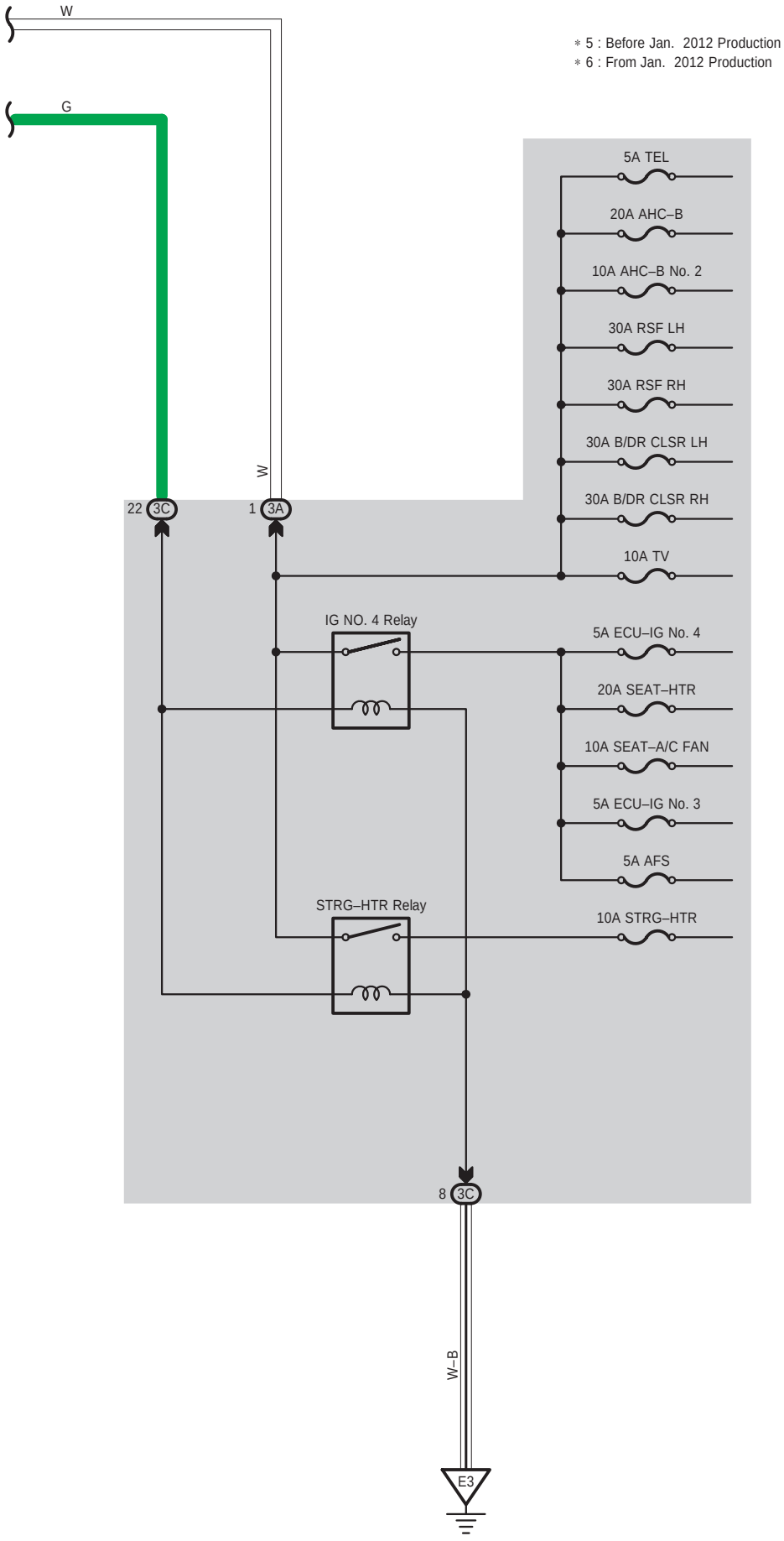



* 1 : Before Jul. 2009 Production
* 2 : From Jul. 2009 Production
* 3 : Before Aug. 2010 Production
* 4 : From Aug. 2010 Production


B
W
HLOL
+B
HLOR
DRL MOD Relay
HEAD HI Relay
HEAD LO Relay
15A HEAD LH
15A HEAD RH
15A HEAD LL
15A HEAD RL
5A DRL
L–B
15A A/F
10A HORN
25A EFI MAIN
30A IG2 MAIN
EFI Relay
IG2 Relay
7. 5A EFI NO. 2
10A INJ
5A MET
10A IGN
A34
Junction Connector
W–B
(LHD)
(RHD)
A3
A1

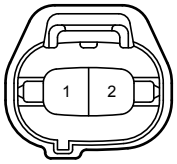

B
W
B
W
∗5 : Before Jan. 2012 Production
∗6 : From Jan. 2012 Production
G
P
(∗6)
73
83
E59(B)
Junction
Connector
P
(∗6)
ACCD
22
P
(∗5)
IG1D
3
G
G
E59(A), (B)
Junction
Connector
79
87
W
6
AM1
P
(∗5)
SSW1
17
B
W
69
77
78
97
W
1
AM2
67
97
(∗5)
68
98
(∗6)
E59(A), (B)
Junction
Connector
SSW2
16
B
87
(∗5)
88
(∗6)
G
B
75
EA1
B
11
IG2D
E1(A), E2(B)
Main Body ECU
2
7
SS2
SS1
SS2
GND
SS1
Free
Full
Traveling
GND
E18
Engine Switch
5
BR
9
E67
Junction
Connector
13
BR
E2


B
W
W
G
G
B
1
2A
P
(*6)
P
(*5)
45
2D
G
43
2D
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
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
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
15A INVERTER
62
2D
W–B
4
E62
Junction
Connector
1
W–B
E1

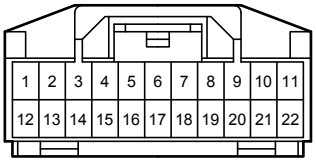



∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production

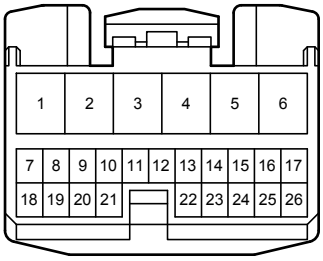
A 32
Black



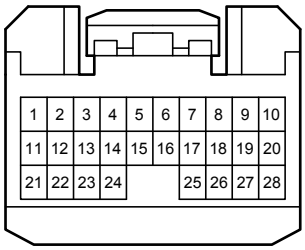

A 34
White



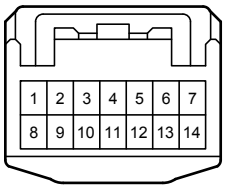

E 1
White



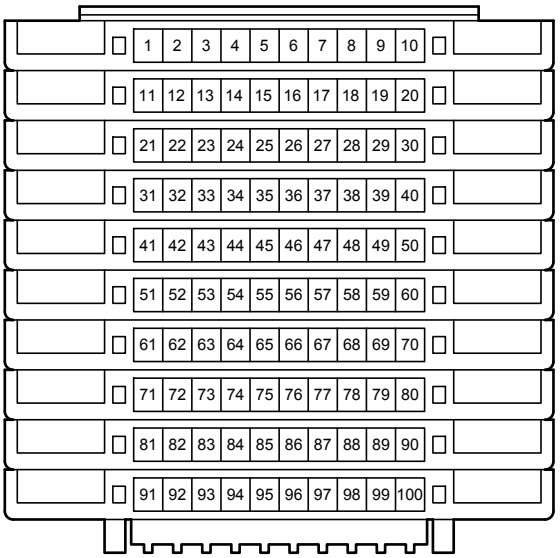

E 2
White



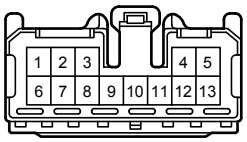

E 18
Black



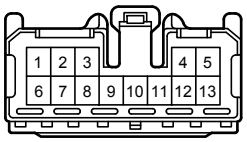

E 59
White



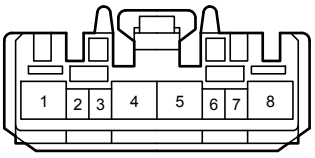

E 62
White



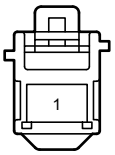

E 67
White



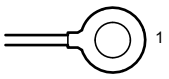

1B
White



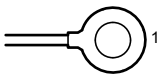

1C
White



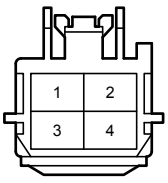

1D



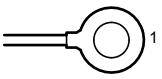

1E



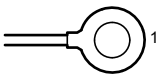

1H
White



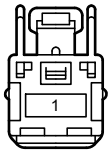

1I



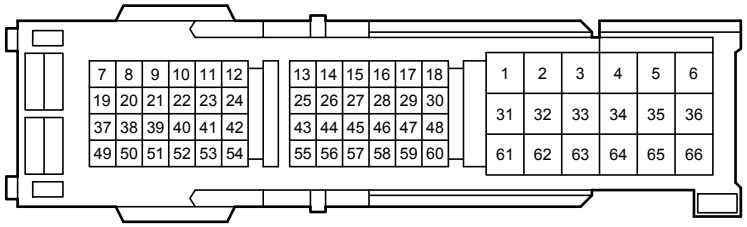

1J



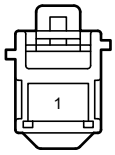

2A
White

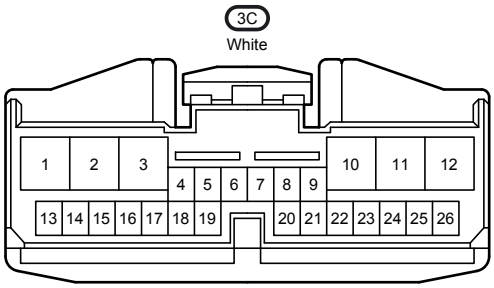


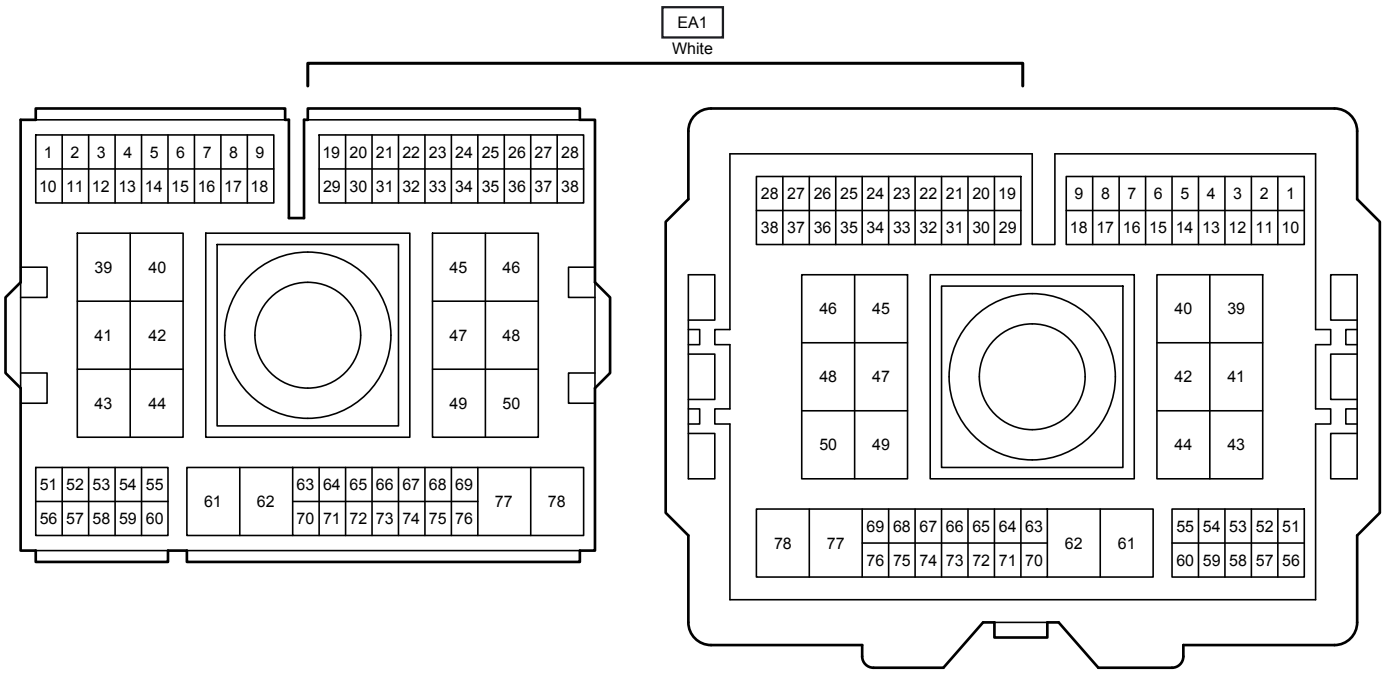

2D
White

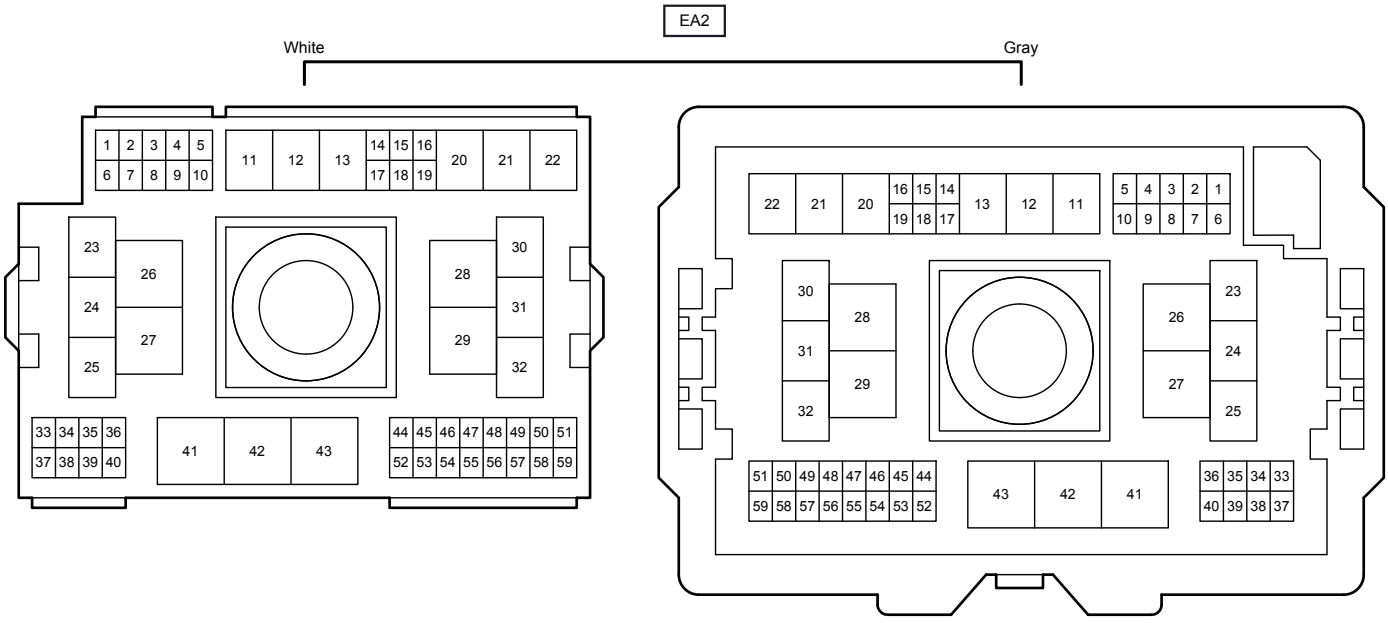


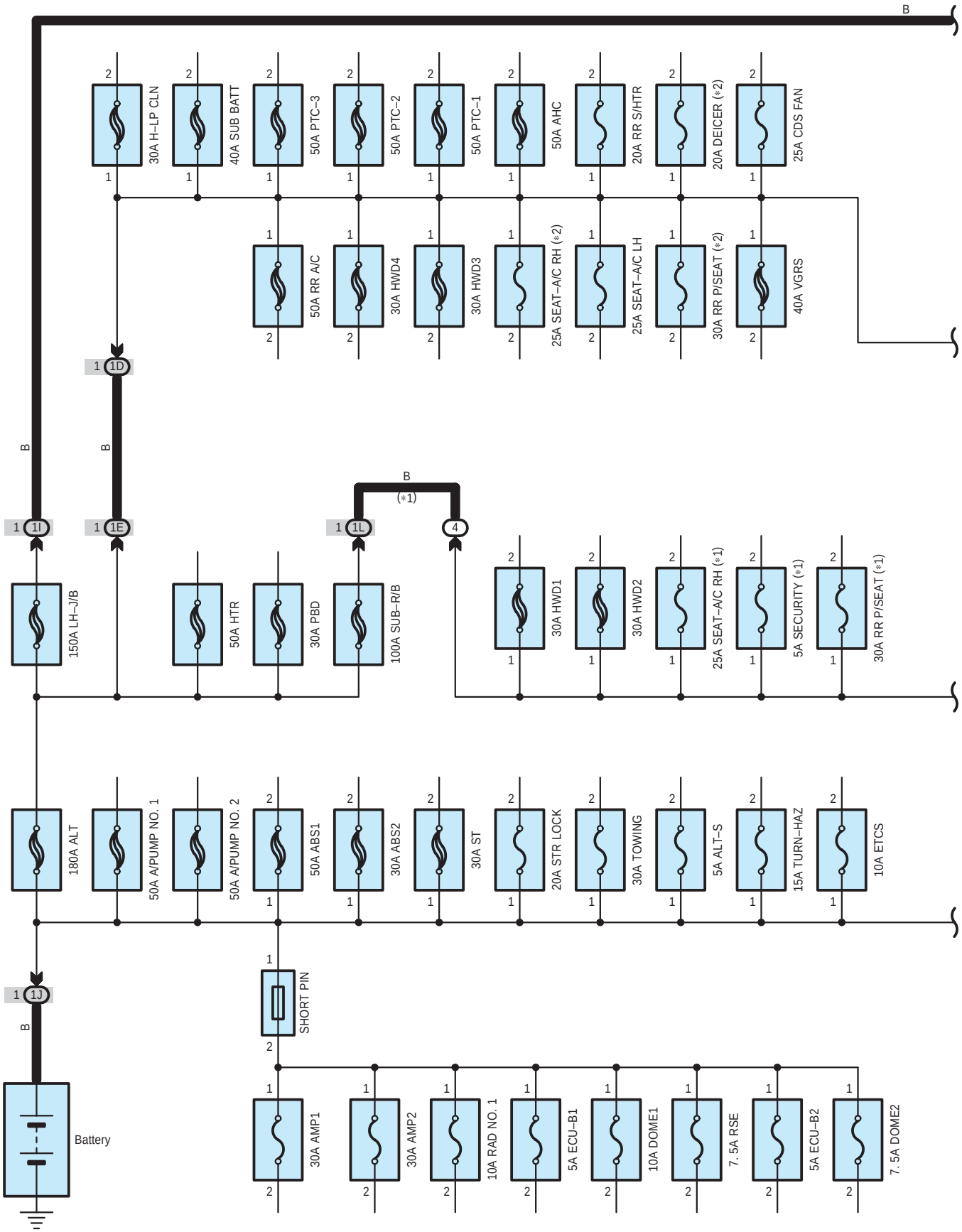

3A
Black

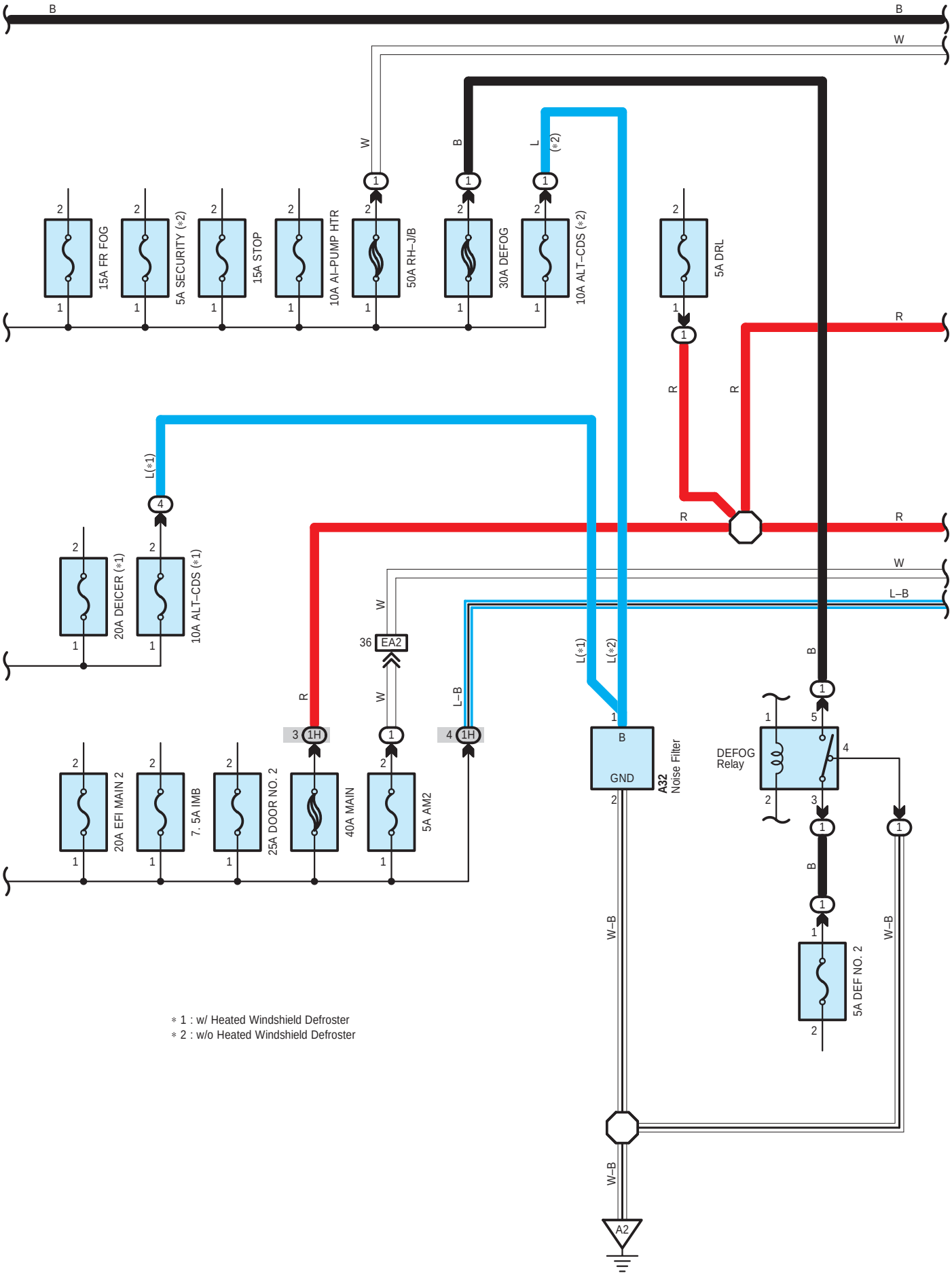


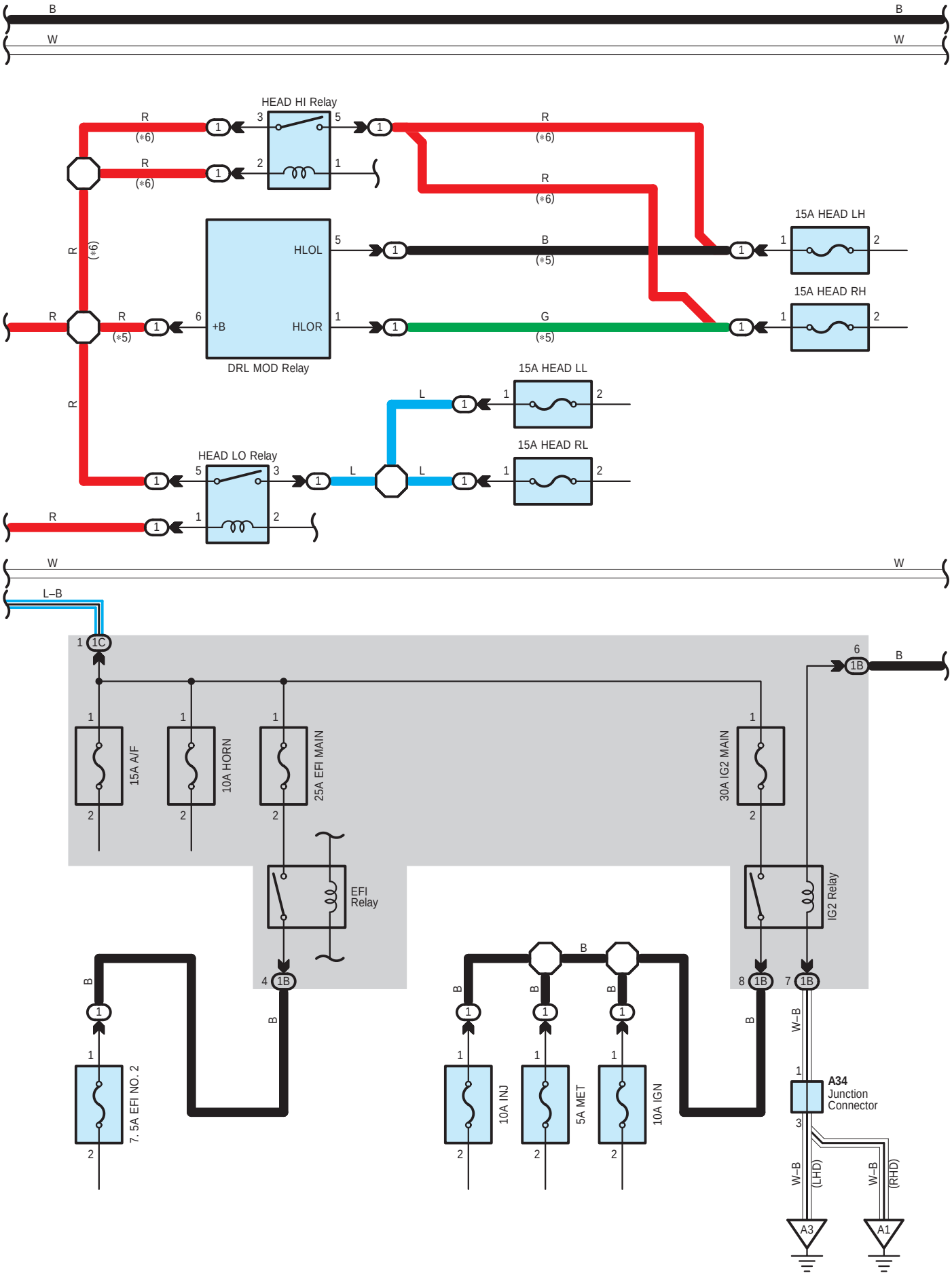

3C
White
1 2 3 10 11 12
4 5 6 7 8 9
13 14 15 16 17 18 19 20 21 22 23 24 25 26

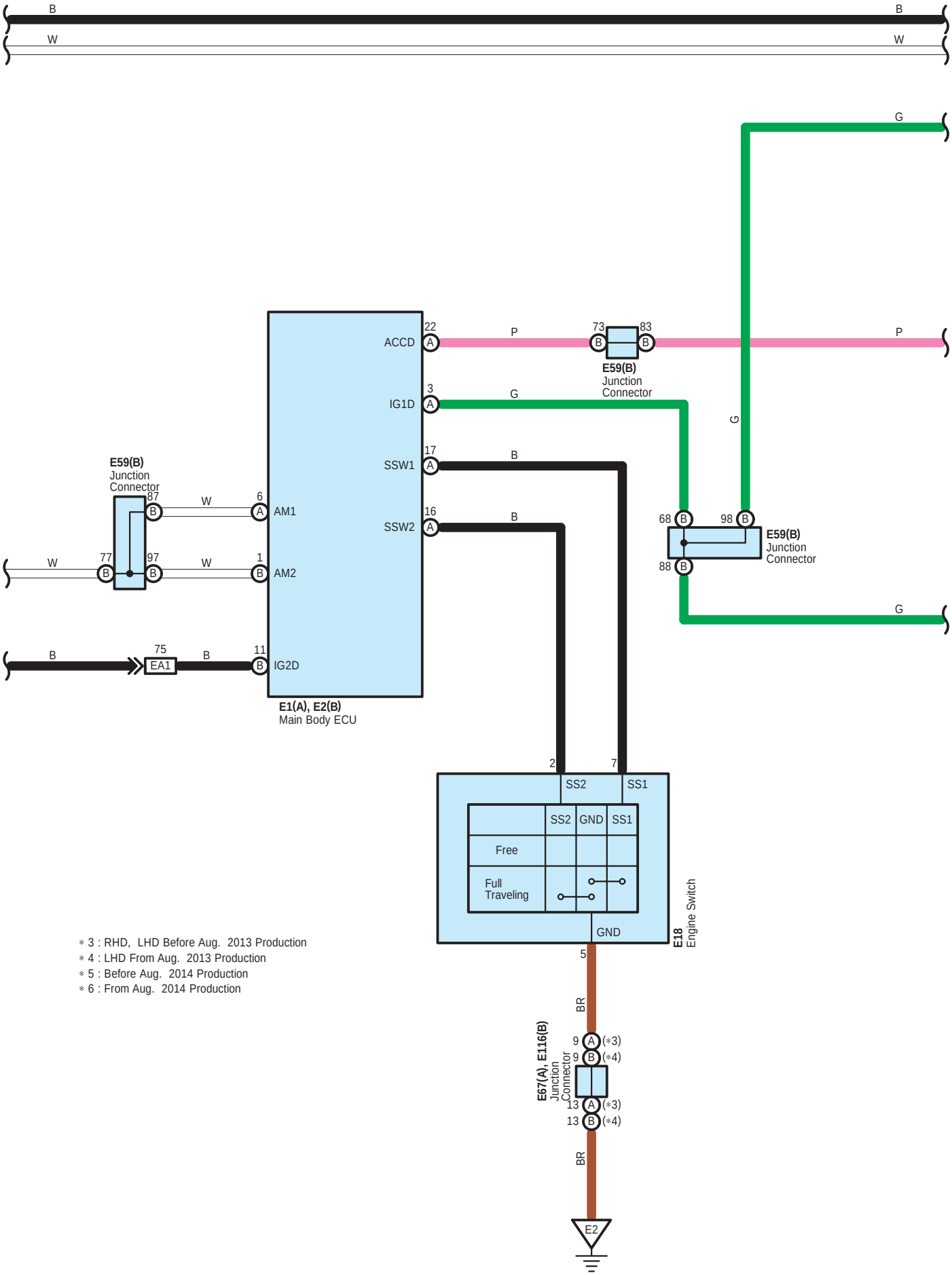

EA1
White
1 2 3 4 5 6 7 8 9 19 20 21 22 23 24 25 26 27 28
10 11 12 13 14 15 16 17 18 29 30 31 32 33 34 35 36 37 38
39 40 41 42 43 44 45 46 47 48 49 50
51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78
28 27 26 25 24 23 22 21 20 19 9 8 7 6 5 4 3 2 1
38 37 36 35 34 33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

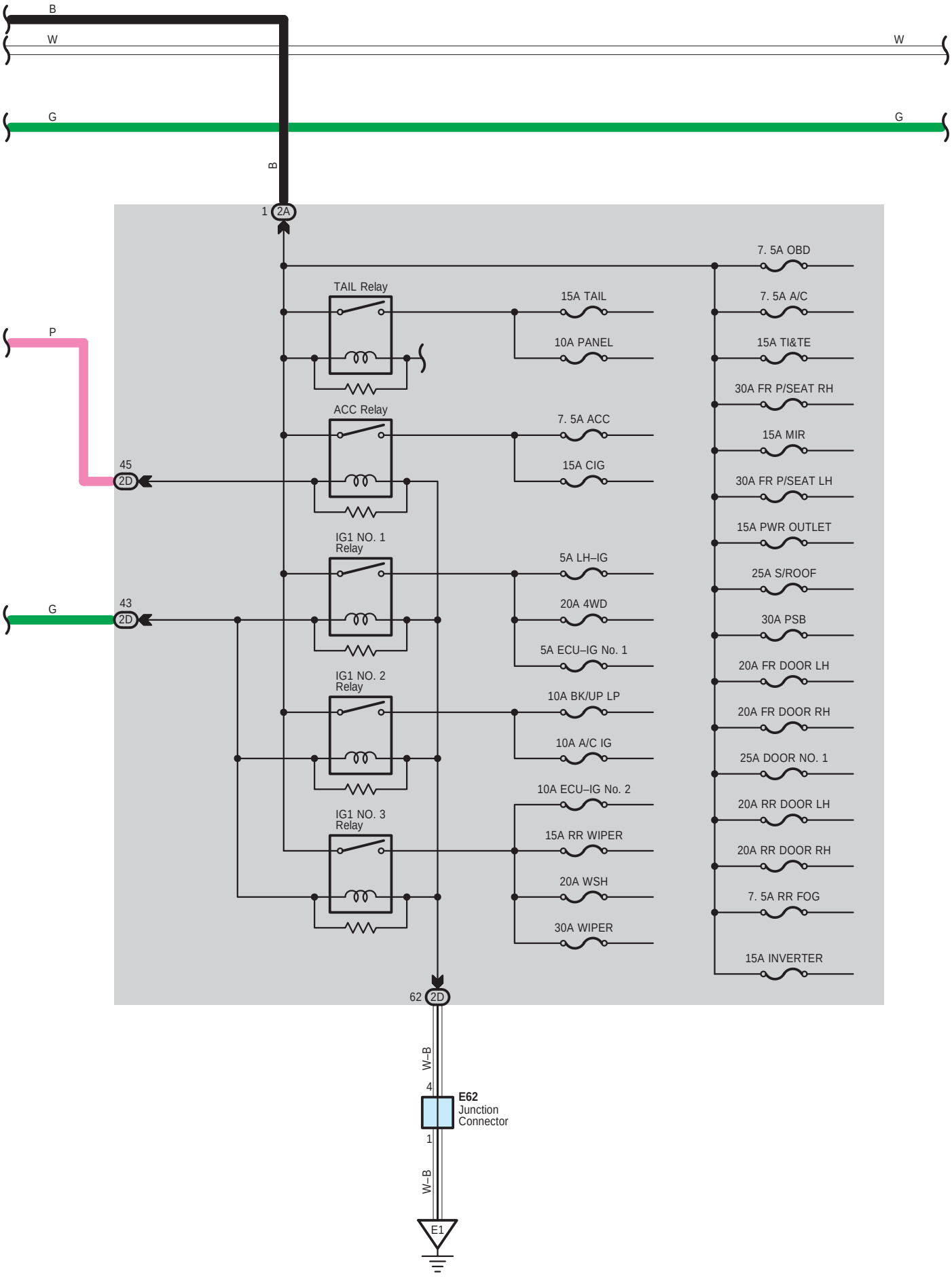

EA2
White
Gray
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22
23 24 25 26 27 28 29 30 31 32
33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59
22 21 20 16 15 14 19 18 17 13 12 11 5 4 3 2 1 10 9 8 7 6
30 28 31 29 32 26 23 24 27 25
51 50 49 48 47 46 45 44 59 58 57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

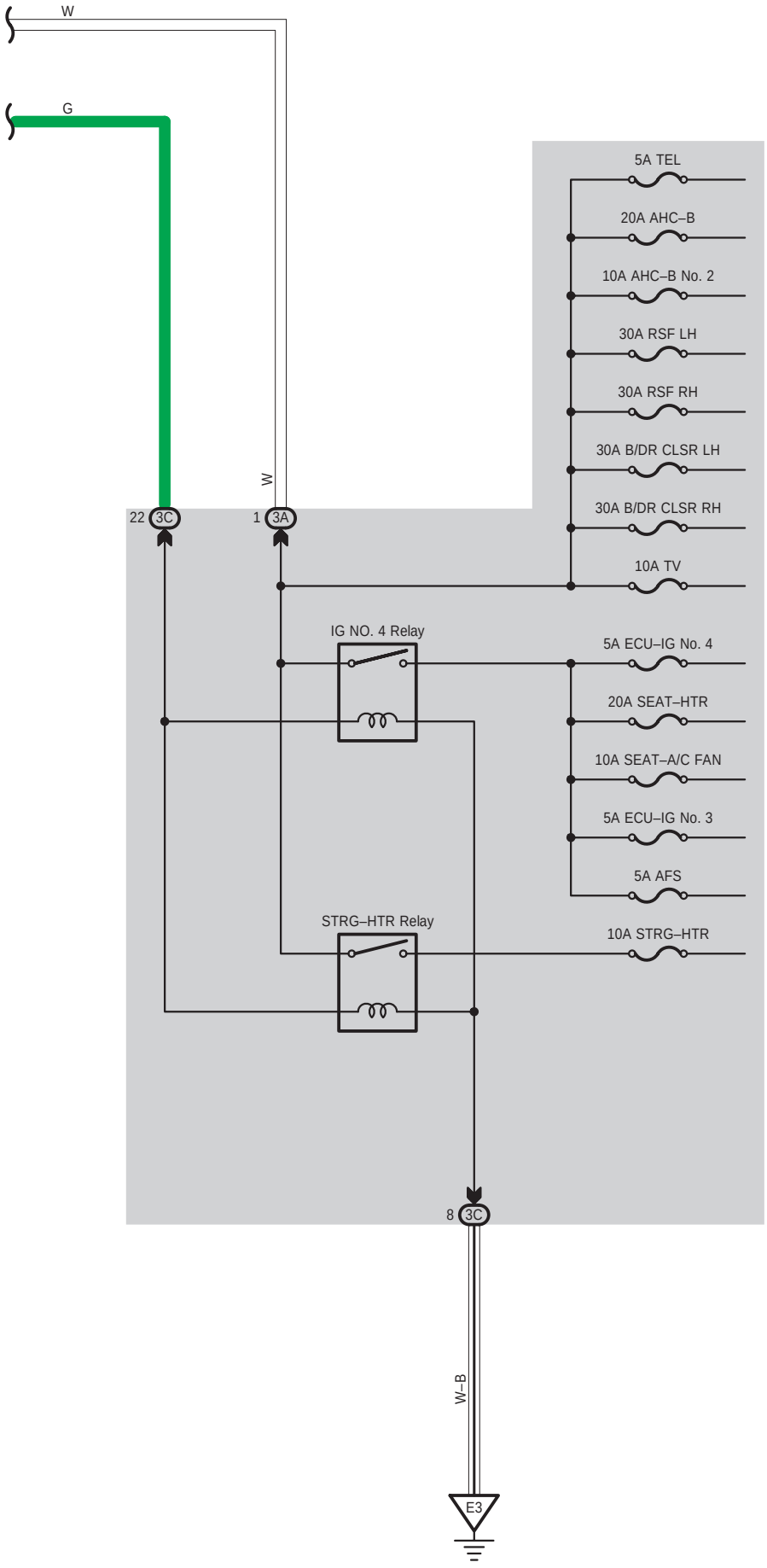

B
30A H–LP CLN
40A SUB BATT
50A PTC–3
50A PTC–2
50A PTC–1
50A AHC
20A RR S/HTR
20A DEICER (*2)
25A CDS FAN
50A RR A/C
30A HWD4
30A HWD3
25A SEAT–A/C RH (*2)
25A SEAT–A/C LH
30A RR P/SEAT (*2)
40A VGRS
1D
1I
1E
1L
(*1)
4
150A LH–J/B
50A HTR
30A PBD
100A SUB–R/B
30A HWD1
30A HWD2
25A SEAT–A/C RH (*1)
5A SECURITY (*1)
30A RR P/SEAT (*1)
180A ALT
50A A/PUMP NO. 1
50A A/PUMP NO. 2
50A ABS1
30A ABS2
30A ST
20A STR LOCK
30A TOWING
5A ALT–S
15A TURN–HAZ
10A ETCS
1J
SHORT PIN
Battery
30A AMP1
30A AMP2
10A RAD NO. 1
5A ECU–B1
10A DOME1
7. 5A RSE
5A ECU–B2
7. 5A DOME2


B
B
W
15A FR FOG
5A SECURITY (*2)
15A STOP
10A AI–PUMP HTR
50A RH–J/B
30A DEFOG
10A ALT–CDS (*2)
5A DRL
R
L(*1)
20A DEICER (*1)
10A ALT–CDS (*1)
L–B
36 EA2
20A EFI MAIN 2
7. 5A IMB
25A DOOR NO. 2
40A MAIN
5A AM2
A32
Noise Filter
GND
DEFOG
Relay
5A DEF NO. 2
W–B
A2
* 1 : w/ Heated Windshield Defroster
* 2 : w/o Heated Windshield Defroster

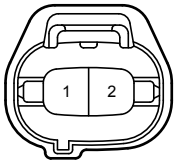

B
W
HEAD HI Relay
R
(*6)
HLOL
HLOR
+B
DRL MOD Relay
B
(*5)
G
(*5)
15A HEAD LH
15A HEAD RH
15A HEAD LL
15A HEAD RL
L
HEAD LO Relay
L–B
1C
1B
15A A/F
10A HORN
25A EFI MAIN
30A IG2 MAIN
EFI Relay
IG2 Relay
7. 5A EFI NO. 2
10A INJ
5A MET
10A IGN
W–B
A34
Junction Connector
(LHD)
(RHD)
A3
A1


B
W
G
P
ACCD
IG1D
SSW1
SSW2
AM1
AM2
IG2D
E1(A), E2(B)
Main Body ECU
E59(B)
Junction
Connector
EA1
E18
Engine Switch
SS2
SS1
GND
Free
Full
Traveling
BR
E67(A), E116(B)
Junction
Connector
E2
* 3 : RHD, LHD Before Aug. 2013 Production
* 4 : LHD From Aug. 2013 Production
* 5 : Before Aug. 2014 Production
* 6 : From Aug. 2014 Production

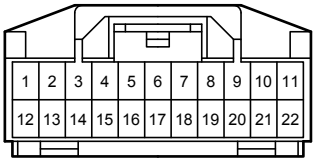

B
W
W
G
G
B
1 2A
7. 5A OBD
TAIL Relay
15A TAIL
7. 5A A/C
10A PANEL
15A TI&TE
P
30A FR P/SEAT RH
ACC Relay
7. 5A ACC
15A MIR
45 2D
15A CIG
30A FR P/SEAT LH
IG1 NO. 1 Relay
15A PWR OUTLET
5A LH–IG
25A S/ROOF
G
43 2D
20A 4WD
30A PSB
5A ECU–IG No. 1
20A FR DOOR LH
IG1 NO. 2 Relay
10A BK/UP LP
20A FR DOOR RH
10A A/C IG
25A DOOR NO. 1
10A ECU–IG No. 2
20A RR DOOR LH
IG1 NO. 3 Relay
15A RR WIPER
20A RR DOOR RH
20A WSH
7. 5A RR FOG
30A WIPER
15A INVERTER
62 2D
W–B
4
E62
Junction Connector
1
W–B
E1


W
G
W
22 3C
1 3A
5A TEL
20A AHC–B
10A AHC–B No. 2
30A RSF LH
30A RSF RH
30A B/DR CLSR LH
30A B/DR CLSR RH
10A TV
IG NO. 4 Relay
5A ECU–IG No. 4
20A SEAT–HTR
10A SEAT–A/C FAN
5A ECU–IG No. 3
5A AFS
STRG–HTR Relay
10A STRG–HTR
8 3C
W–B
E3

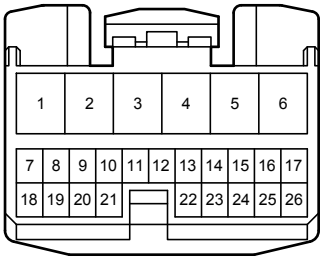
A 32
Black



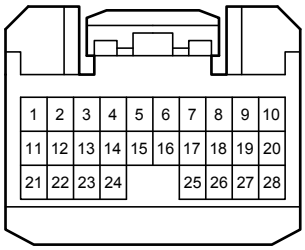

A 34
White



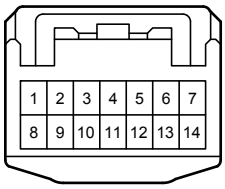

E 1
White



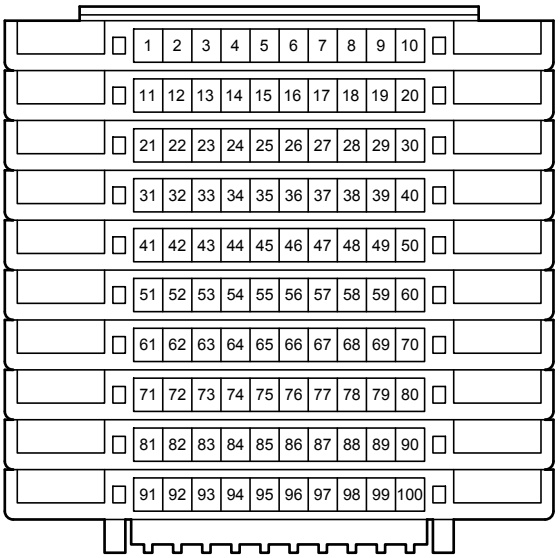

E 2
White



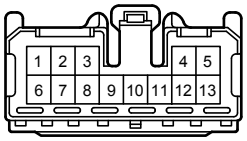

E 18
Black



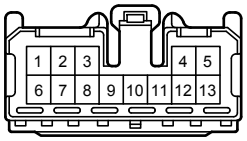

E 59
White



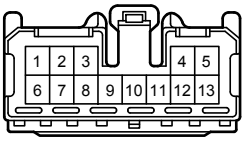

E 62
White



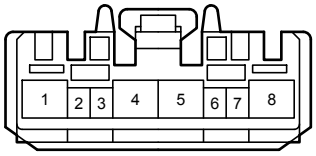

E 67
White



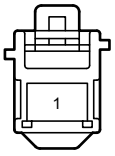

E116
White



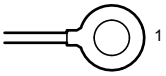

1B
White



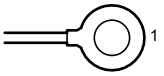

1C
White



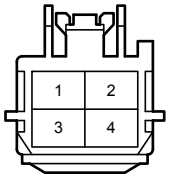

1D



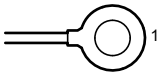

1E



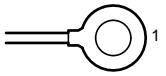

1H
White



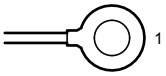

1I



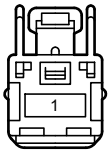

1J



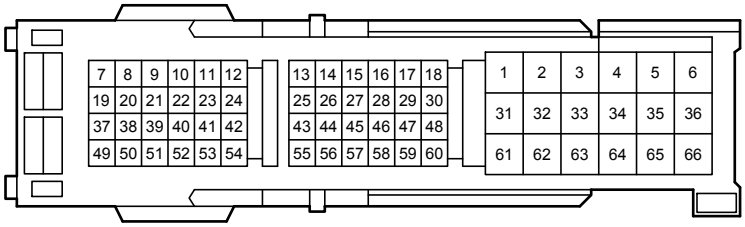

1L



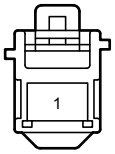

2A
White



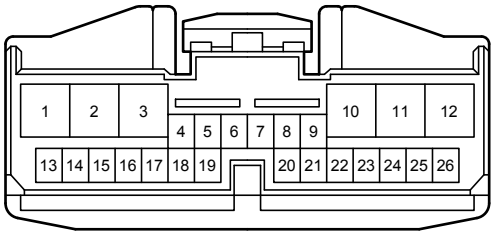
2D
White



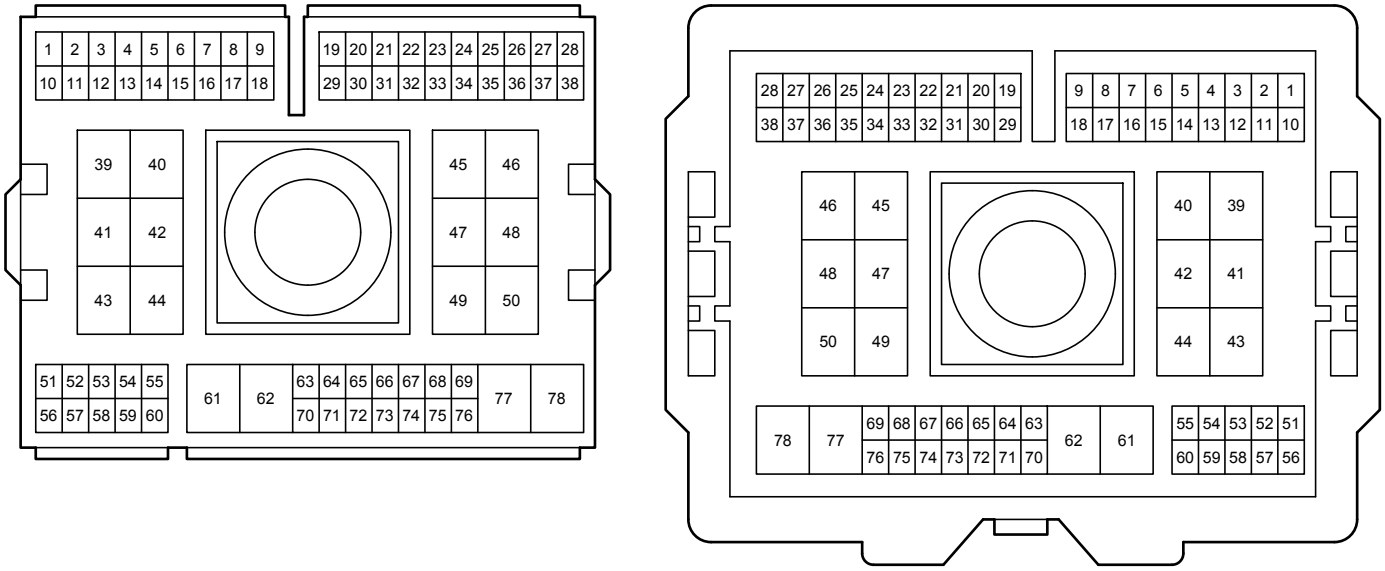

3A
Black

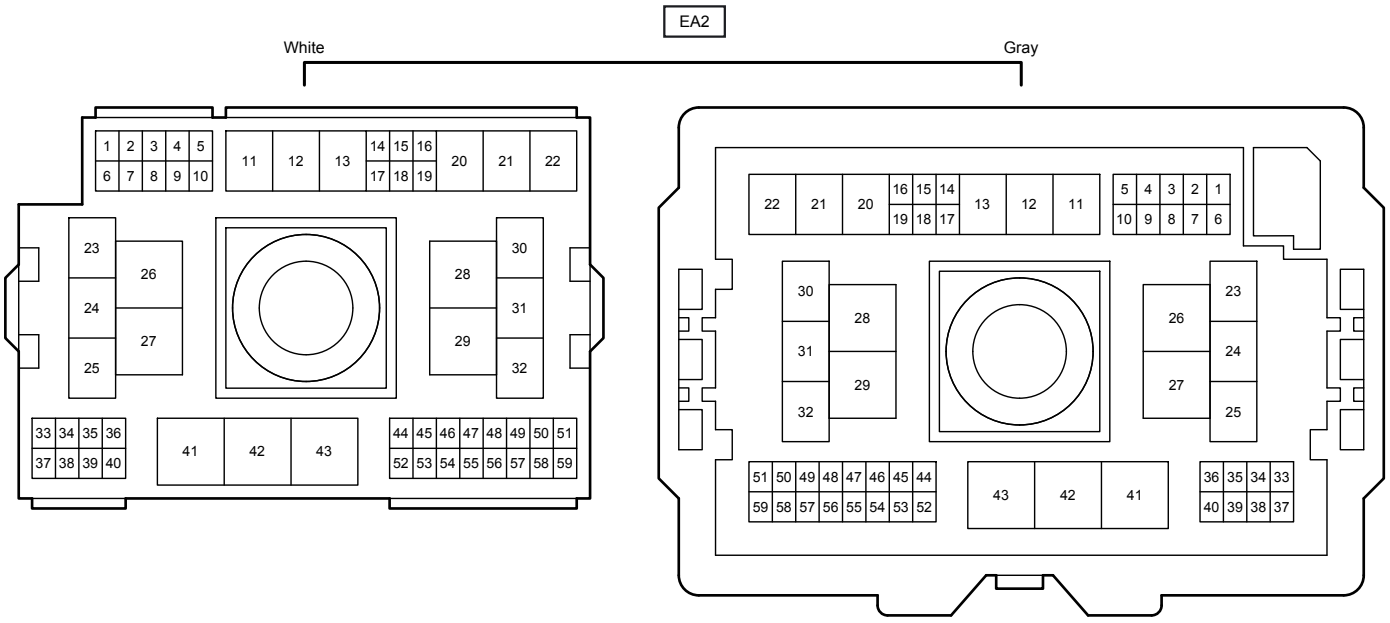


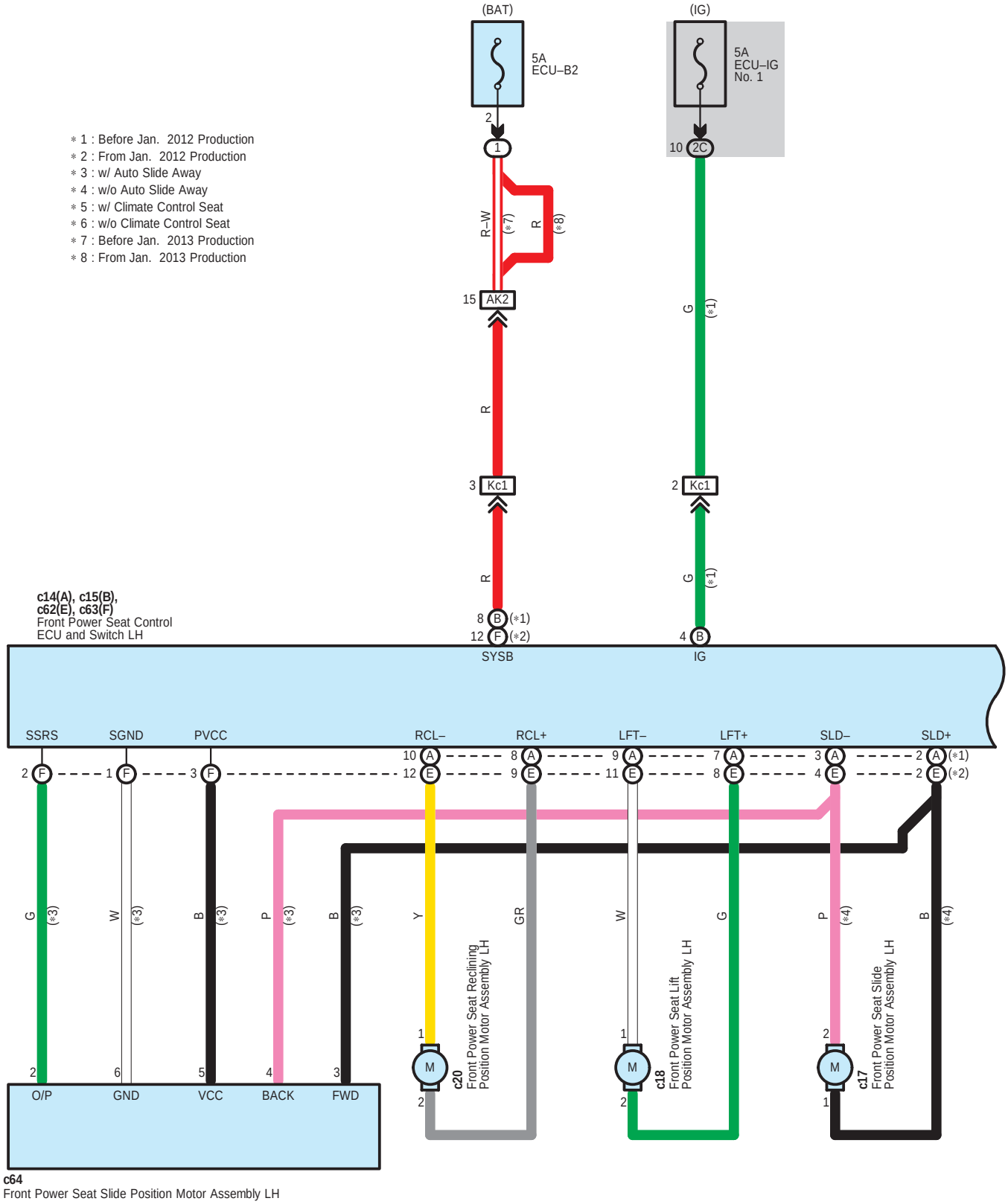

3C
White

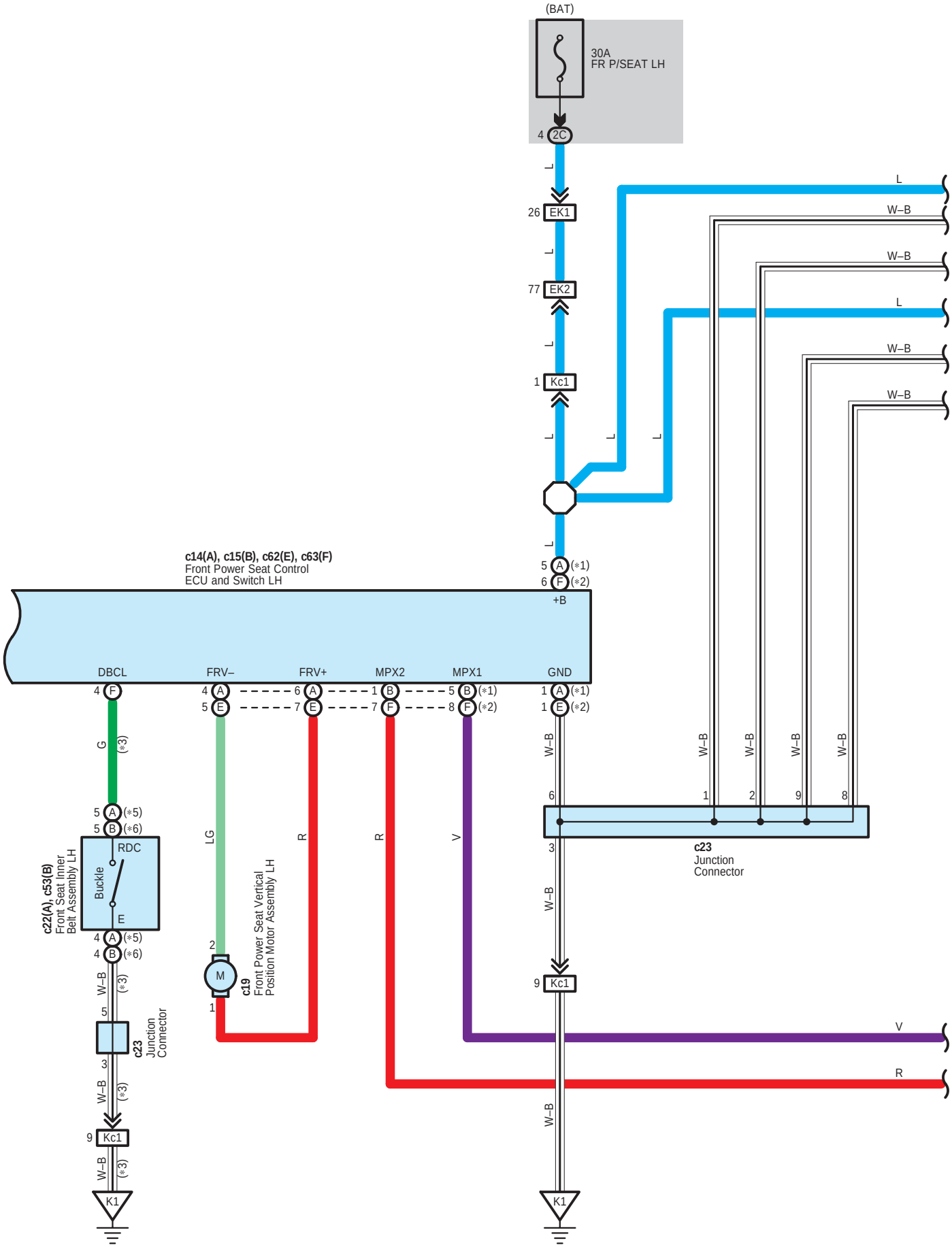


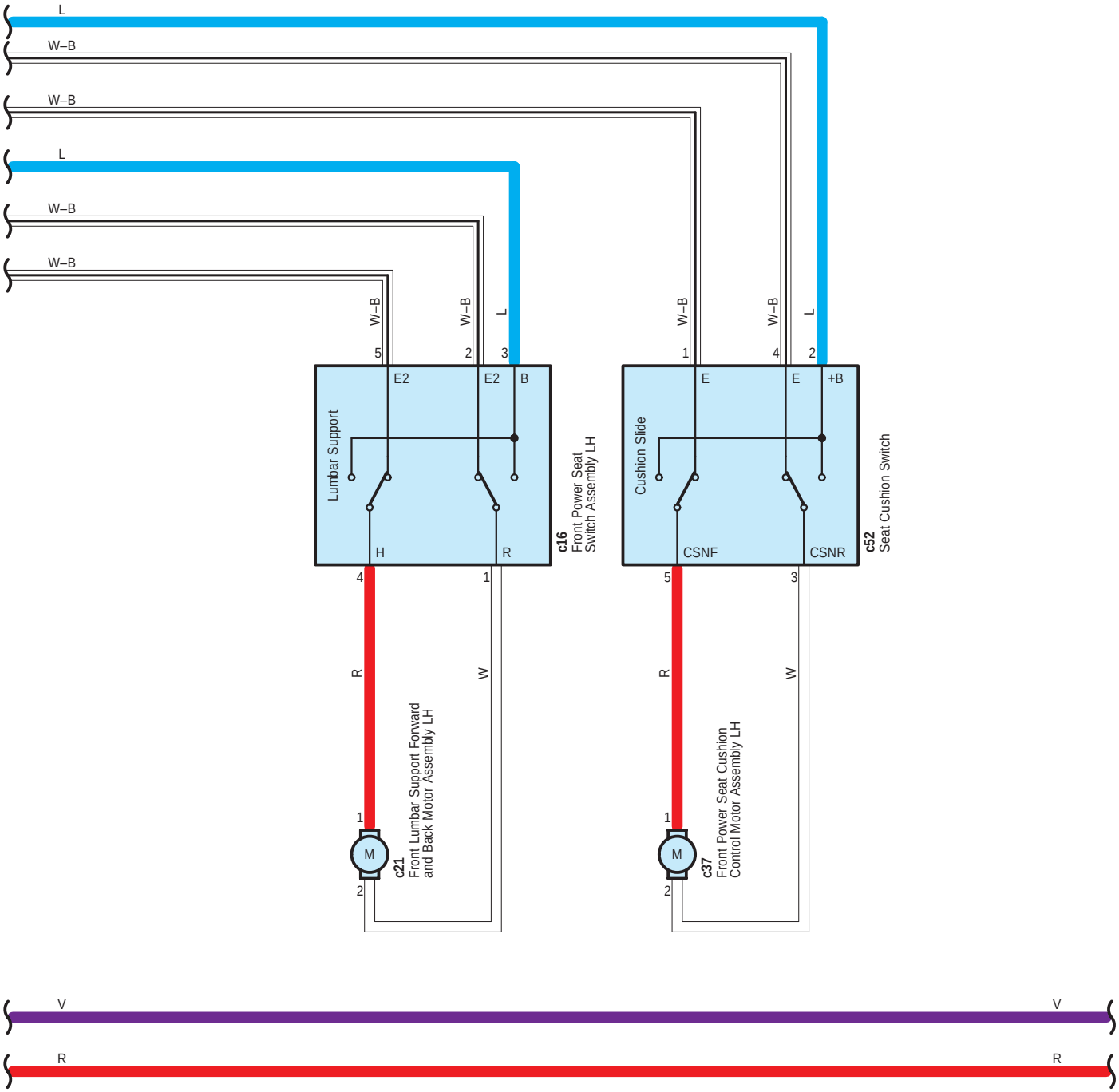

EA1
White

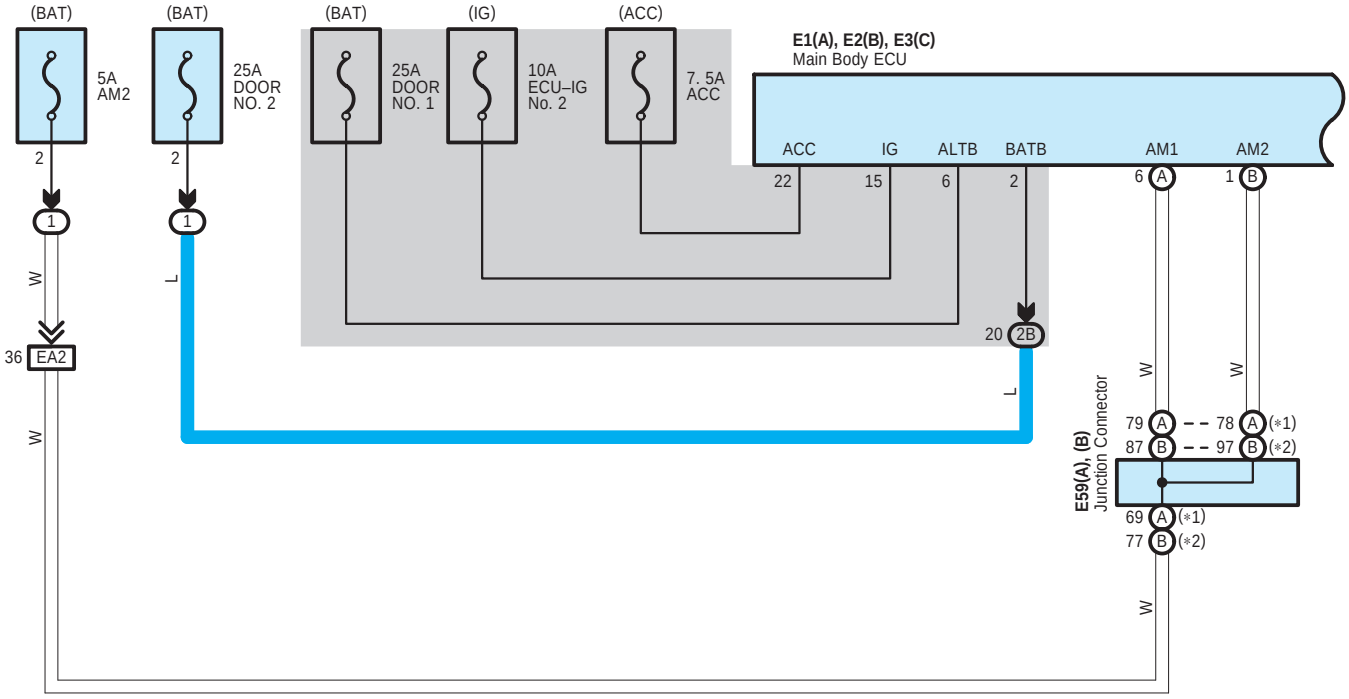



EA2
White
Gray
1 2 3 4 5
6 7 8 9 10
11 12 13 14 15 16
17 18 19 20 21 22
23 24 25 26 27 28 29 30 31 32
33 34 35 36
37 38 39 40
41 42 43
44 45 46 47 48 49 50 51
52 53 54 55 56 57 58 59
22 21 20 16 15 14
19 18 17 13 12 11
5 4 3 2 1
10 9 8 7 6
30 31 32 28 29 26 27 23 24 25
51 50 49 48 47 46 45 44
59 58 57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


∗ 1 : Before Jan. 2012 Production
∗ 2 : From Jan. 2012 Production
∗ 3 : w/ Auto Slide Away
∗ 4 : w/o Auto Slide Away
∗ 5 : w/ Climate Control Seat
∗ 6 : w/o Climate Control Seat
∗ 7 : Before Jan. 2013 Production
∗ 8 : From Jan. 2013 Production
(BAT)
5A
ECU–B2
(IG)
5A
ECU–IG
No. 1
R–W
(∗7)
R
(∗8)
G
(∗1)
AK2
Kc1
c14(A), c15(B),
c62(E), c63(F)
Front Power Seat Control
ECU and Switch LH
SYSB
IG
SSRS
SGND
PVCC
RCL–
RCL+
LFT–
LFT+
SLD–
SLD+
(∗1)
(∗2)
(∗3)
(∗4)
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
O/P
GND
VCC
BACK
FWD
c64
Front Power Seat Slide Position Motor Assembly LH

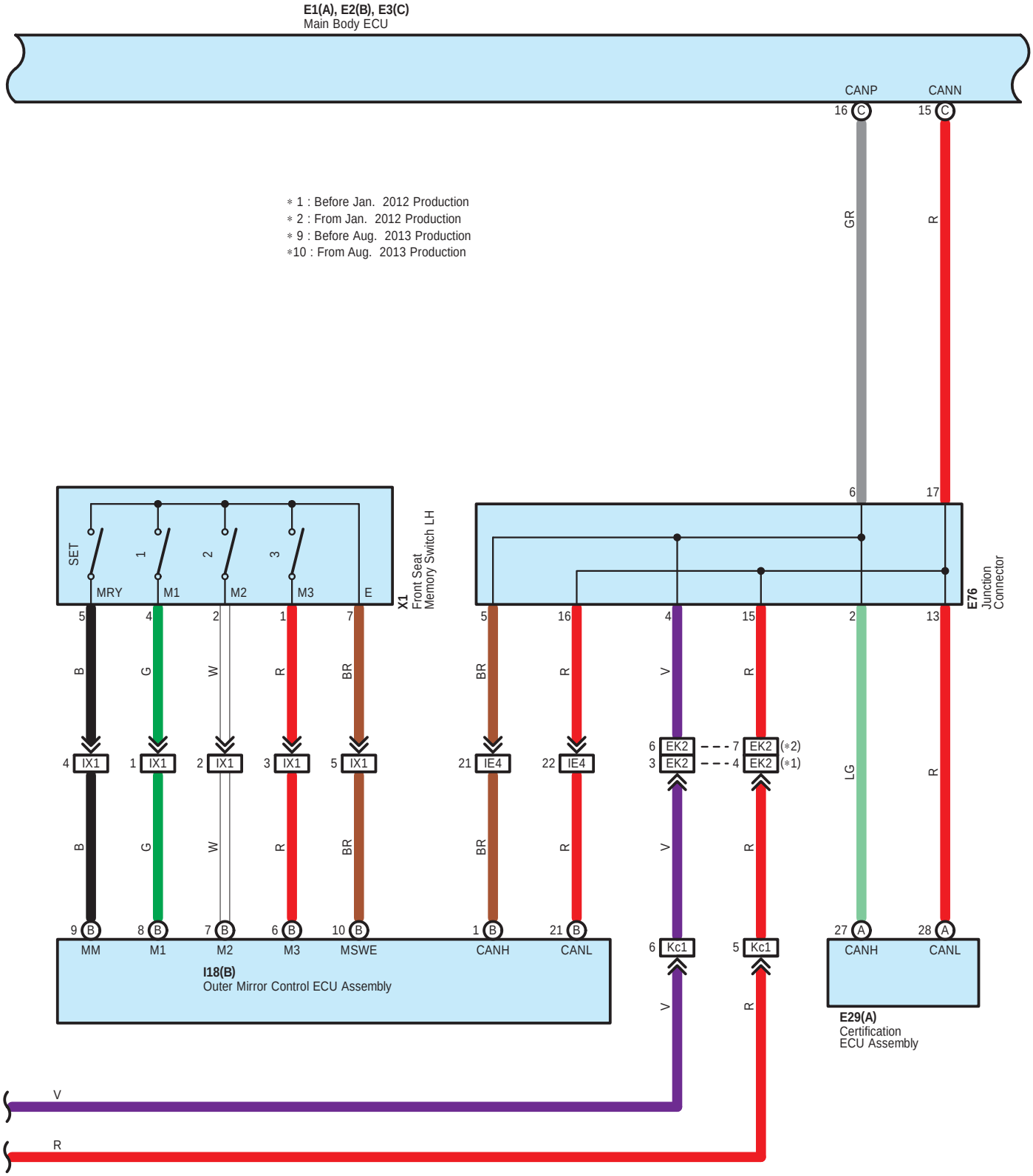

(BAT)
30A
FR P/SEAT LH
4 2C
26 EK1
77 EK2
1 Kc1
5 A (*1)
6 F (*2)
+B
c14(A), c15(B), c62(E), c63(F)
Front Power Seat Control
ECU and Switch LH
DBCL
FRV–
FRV+
MPX2
MPX1
GND
c22(A), c53(B)
Front Seat Inner
Belt Assembly LH
RDC
Buckle
E
c19
Front Power Seat Vertical
Position Motor Assembly LH
c23
Junction
Connector
9 Kc1
K1
L
W–B
G
LG
R
V

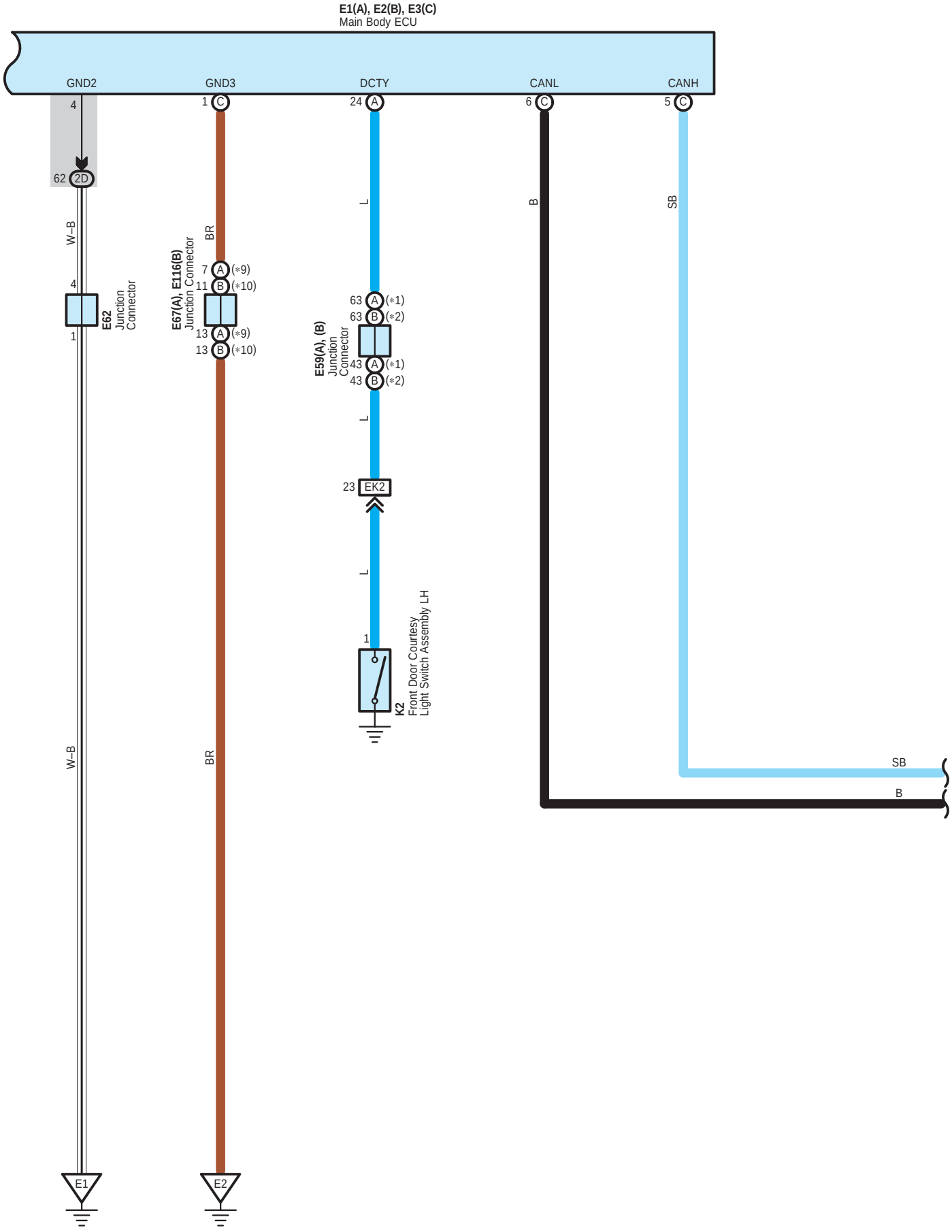

L
W–B
W–B
L
W–B
W–B
W–B
L
5
2
3
1
4
2
E2
E2
B
E
E
+B
Lumbar Support
Cushion Slide
H
R
CSNF
CSNR
c16
Front Power Seat
Switch Assembly LH
c52
Seat Cushion Switch
4
1
5
3
R
W
R
W
1
2
1
2
M
M
c21
Front Lumbar Support Forward
and Back Motor Assembly LH
c37
Front Power Seat Cushion
Control Motor Assembly LH
V
V
R
R

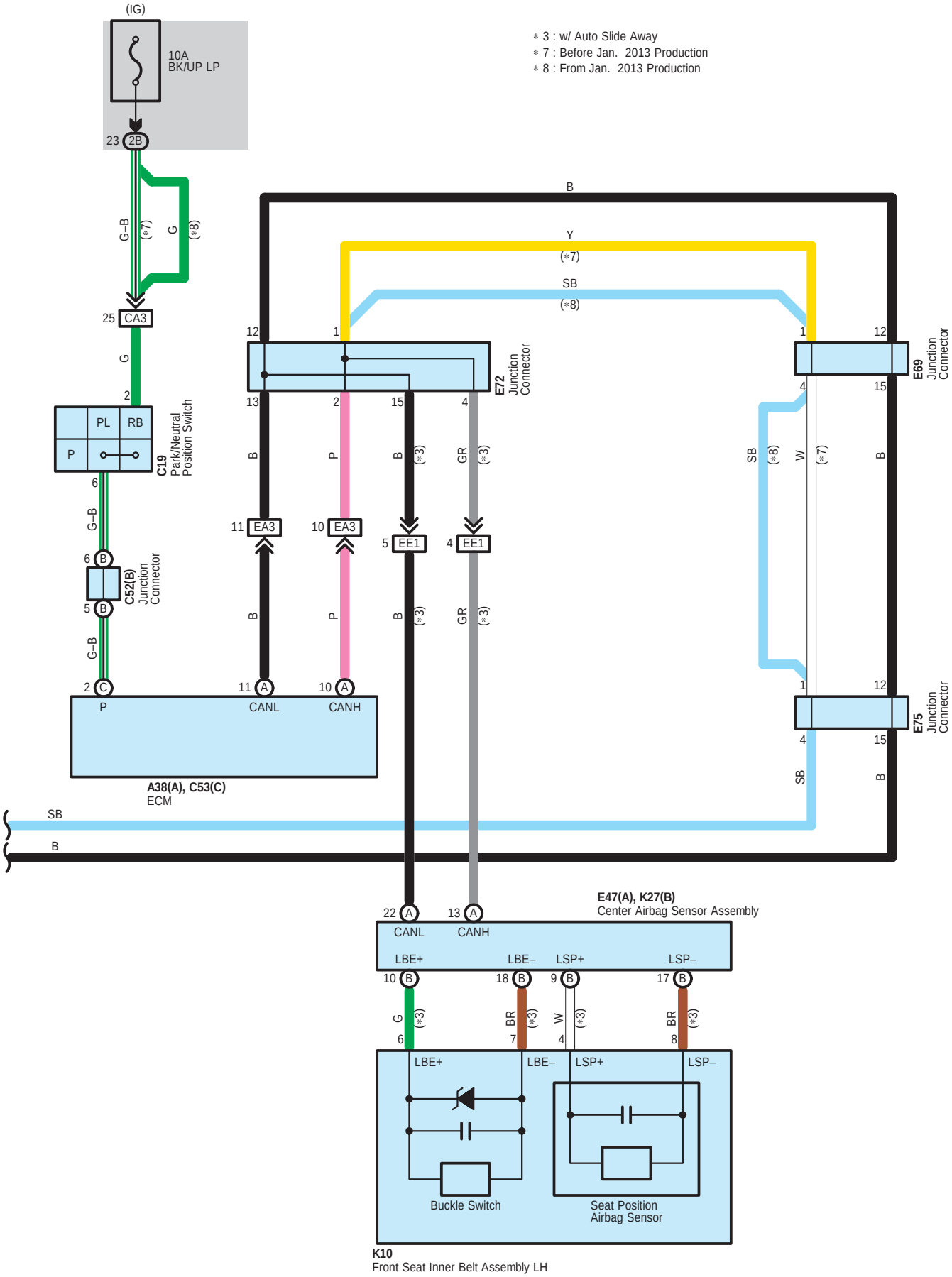



* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production

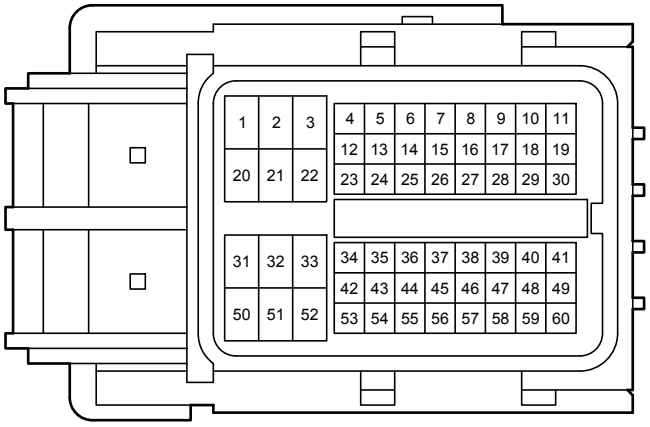



E1(A), E2(B), E3(C)
Main Body ECU
CANP
CANN
16 C
15 C
GR
R
∗1 : Before Jan. 2012 Production
∗2 : From Jan. 2012 Production
∗9 : Before Aug. 2013 Production
∗10 : From Aug. 2013 Production
SET
1
2
3
MRY
M1
M2
M3
E
X1
Front Seat
Memory Switch LH
6
17
E76
Junction
Connector
5 B
4 G
2 W
1 R
7 BR
5 BR
16 R
4 V
15 R
2 LG
13 R
4 IX1
1 IX1
2 IX1
3 IX1
5 IX1
21 IE4
22 IE4
6 EK2
3 EK2
7 EK2 (∗2)
4 EK2 (∗1)
9 B
8 B
7 B
6 B
10 B
1 B
21 B
6 Kc1
5 Kc1
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

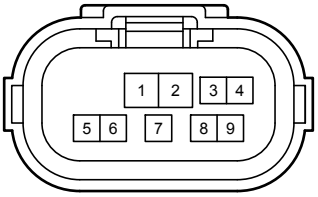

E1(A), E2(B), E3(C)
Main Body ECU
GND2
GND3
DCTY
CANL
CANH
4
62 2D
1 C
24 A
6 C
5 C
W–B
BR
L
B
SB
E62
Junction Connector
E67(A), E116(B)
Junction Connector
7 A (*9)
11 B (*10)
13 A (*9)
13 B (*10)
E59(A), (B)
Junction Connector
63 A (*1)
63 B (*2)
43 A (*1)
43 B (*2)
23 EK2
K2
Front Door Courtesy
Light Switch Assembly LH
E1
E2


(IG)
10A
BK/UP LP
23 2B
G–B
(*7)
G
(*8)
25 CA3
G
2
PL
RB
P
C19
Park/Neutral
Position Switch
6
G–B
6 B
C52(B)
Junction
Connector
5 B
G–B
2 C
P
11 A
CANL
10 A
CANH
A38(A), C53(C)
ECM
SB
B
B
Y
(*7)
SB
(*8)
12
1
13
2
15
4
E72
Junction
Connector
B
P
B
(*3)
GR
(*3)
11 EA3
10 EA3
5 EE1
4 EE1
B
P
B
(*3)
GR
(*3)
1
12
4
15
E69
Junction
Connector
SB
(*8)
W
(*7)
B
1
12
4
15
E75
Junction
Connector
SB
B
* 3 : w/ Auto Slide Away
* 7 : Before Jan. 2013 Production
* 8 : From Jan. 2013 Production
E47(A), K27(B)
Center Airbag Sensor Assembly
22 A
CANL
13 A
CANH
LBE+
LBE–
LSP+
LSP–
10 B
18 B
9 B
17 B
G
(*3)
BR
(*3)
W
(*3)
BR
(*3)
6
7
4
8
LBE+
LBE–
LSP+
LSP–
Buckle Switch
Seat Position
Airbag Sensor
K10
Front Seat Inner Belt Assembly LH

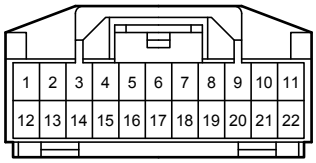
A 38
Black



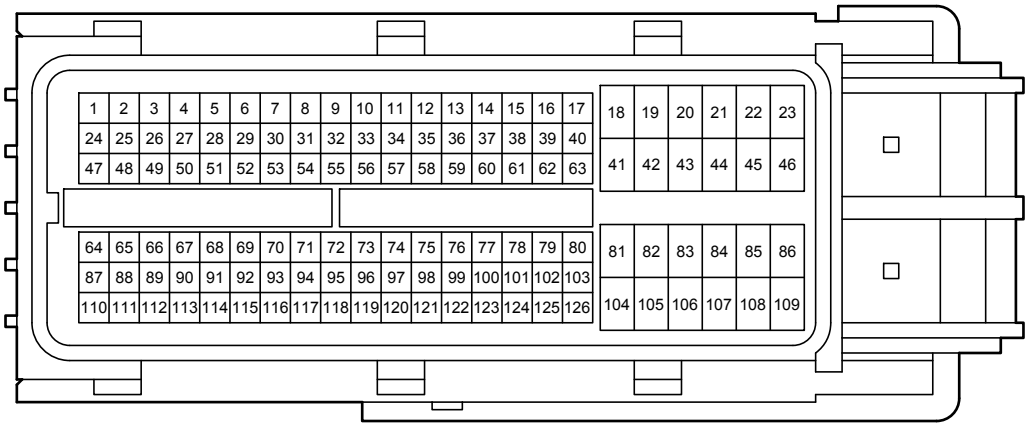

C 19
Gray



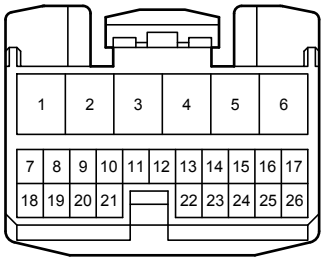

C 52
Blue



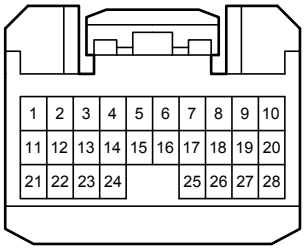

C 53
Black



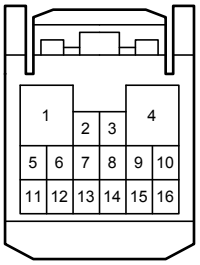

E 1
White



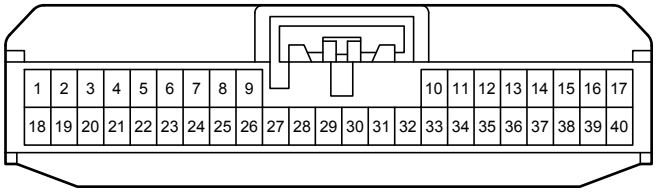

E 2
White



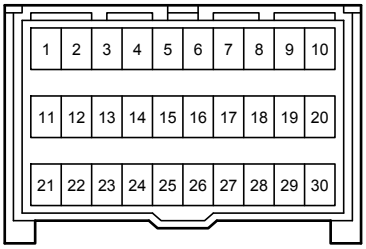

E 3
White



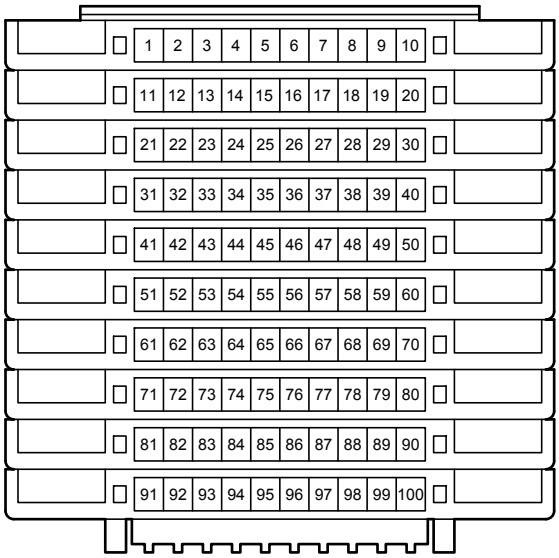
E 29
White



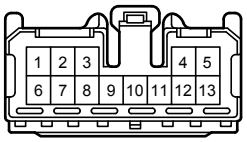

E 47
Yellow



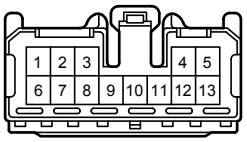

E 59
White



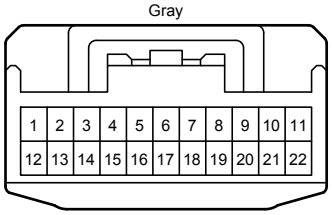

E 62
White



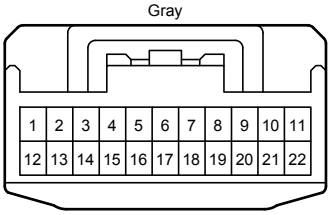

E 67
White



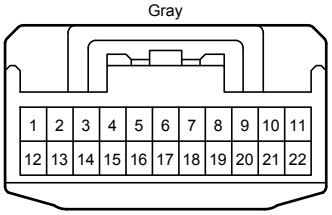

E 69
Gray



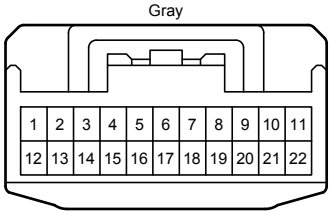

E 72
Gray



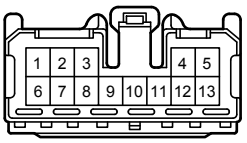

E 75
Gray



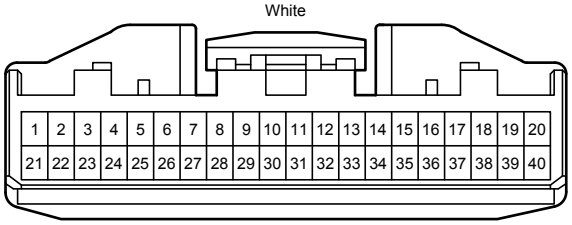

E 76
Gray




E116
White



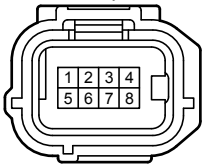

I 18
White



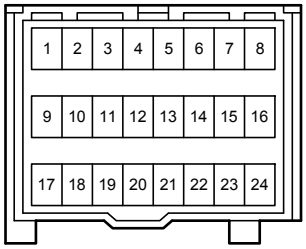

K 2
White



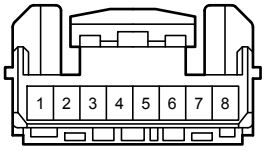

K 10
Gray



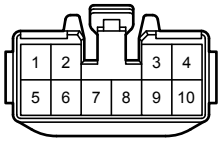
K 27
Yellow



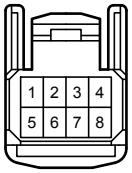

X 1
White



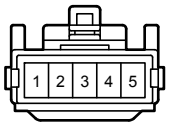

c 14
Gray



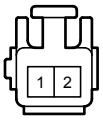

c 15
White



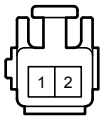

c 16
White



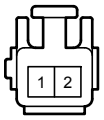

c 17
White



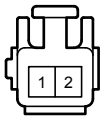

c 18
White



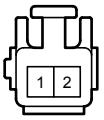

c 19
White



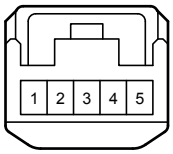

c 20
White



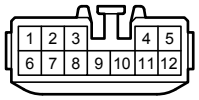

c 21
White



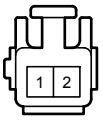

c 22
White



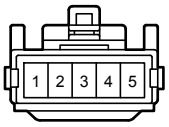

c 23
White



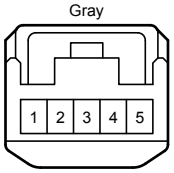

c 37
Black



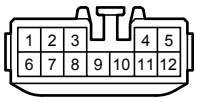

c 52
White



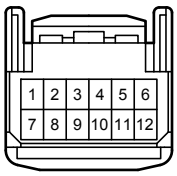

c 53
Gray



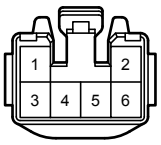

c 62
White



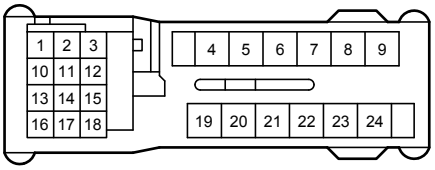

c 63
White



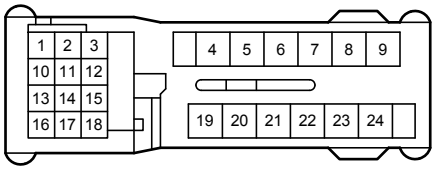

c 64
White



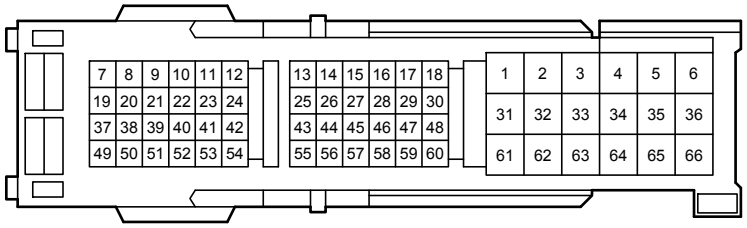

2B
White



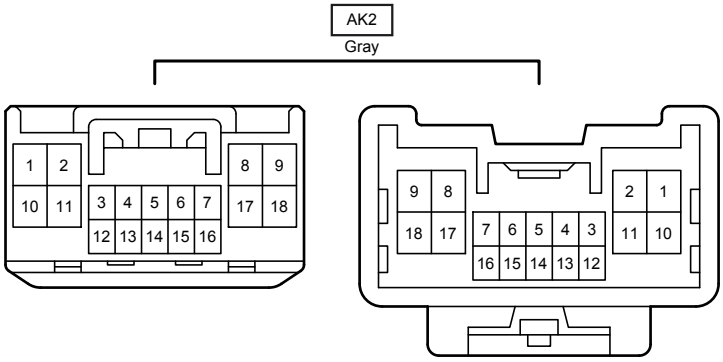

2C
White



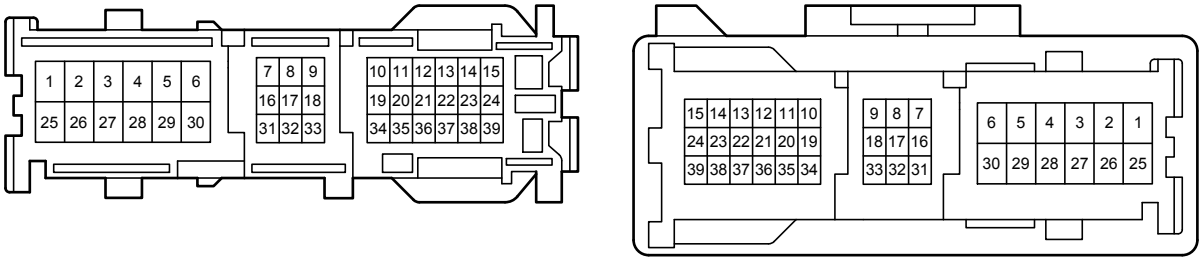

2D
White



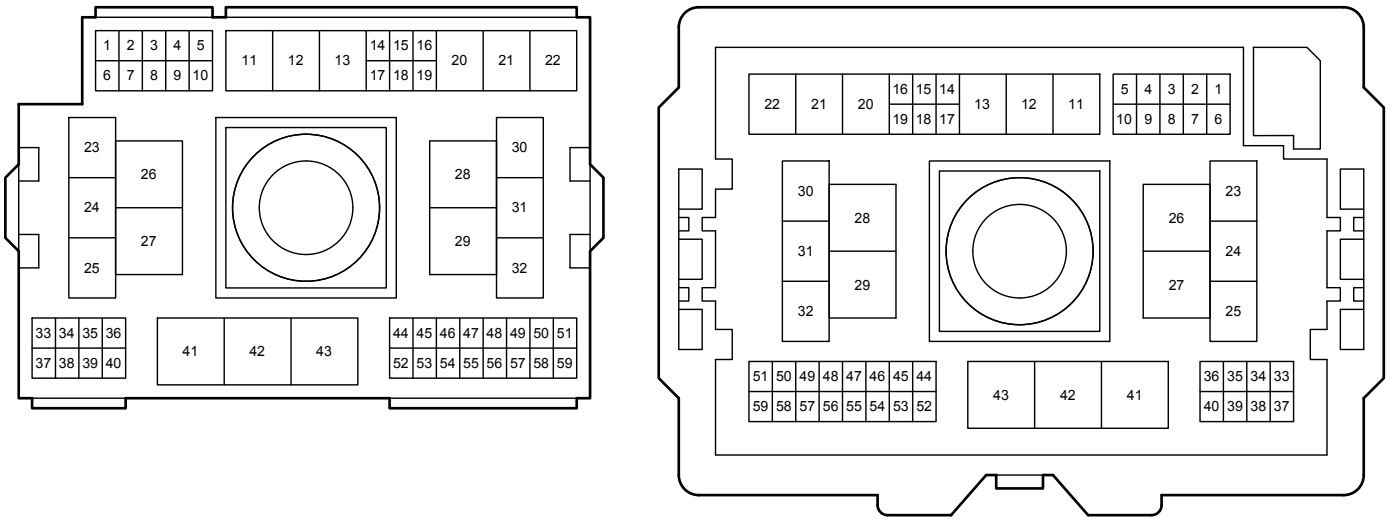

AK2
Gray



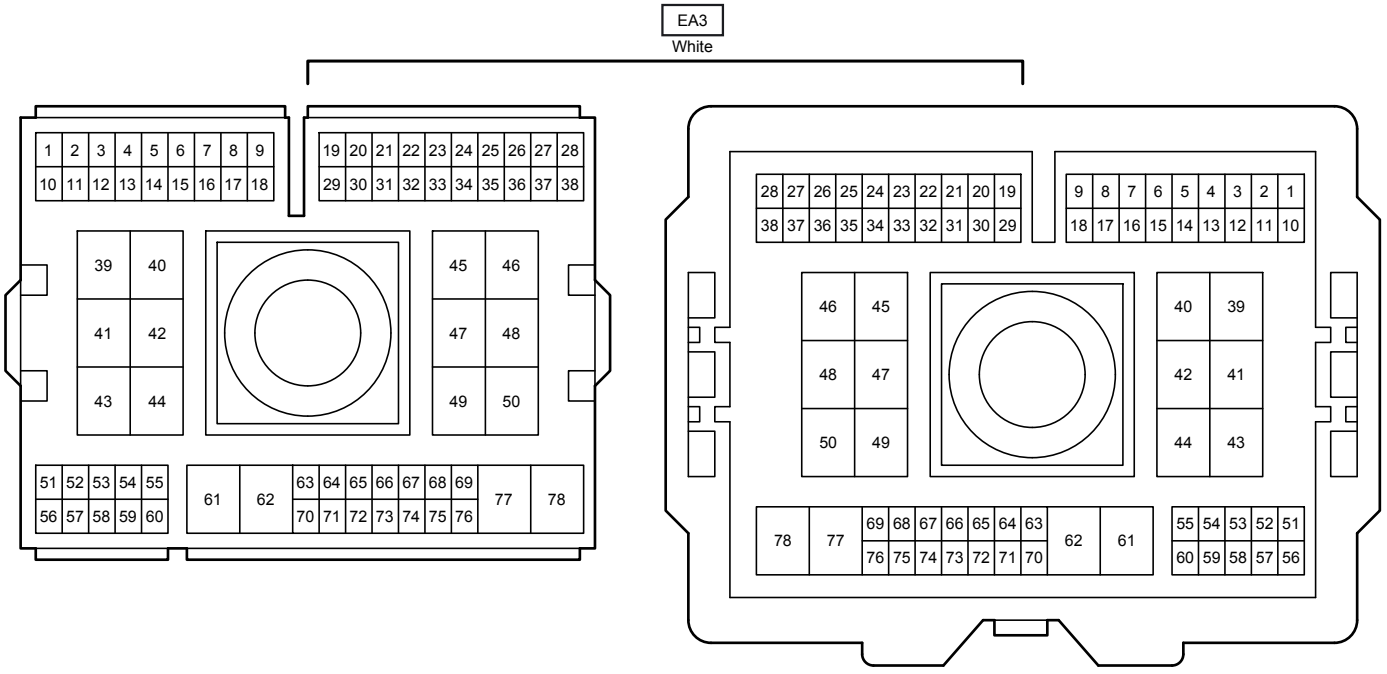
CA3
White



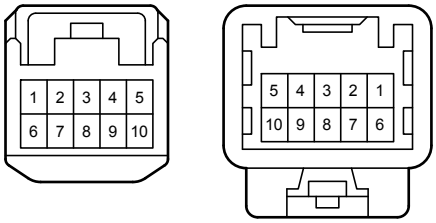

EA2
White
Gray



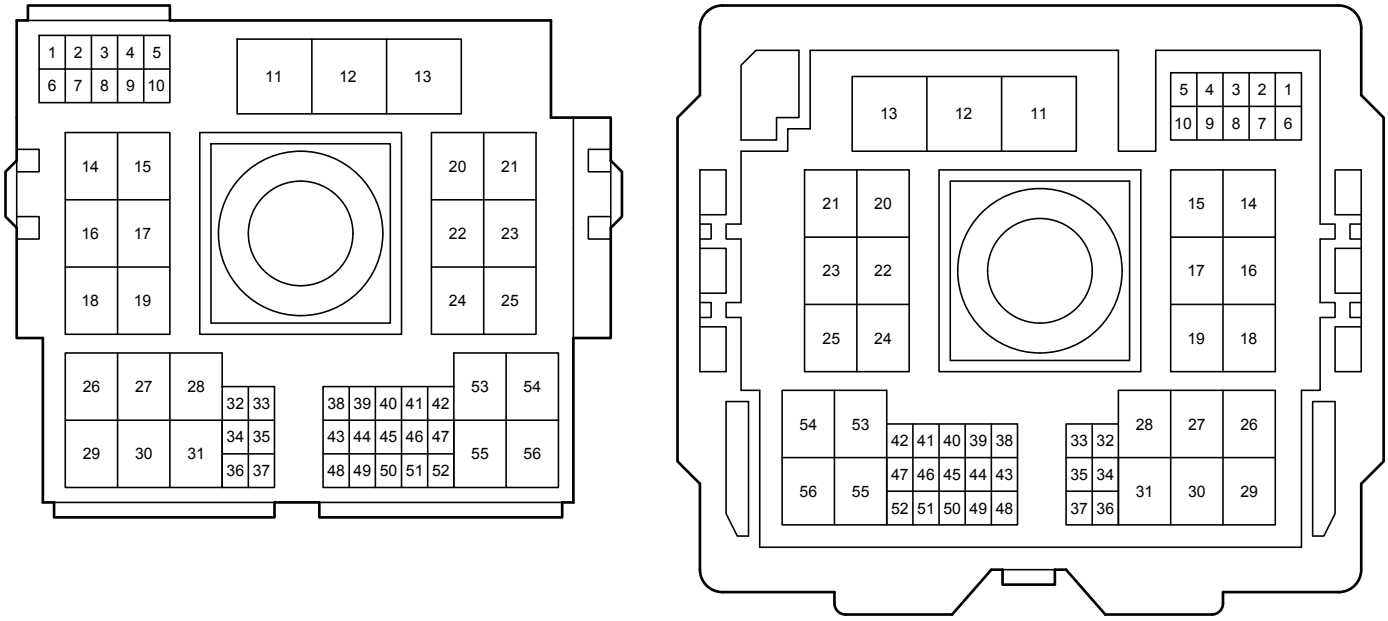

EA3
White



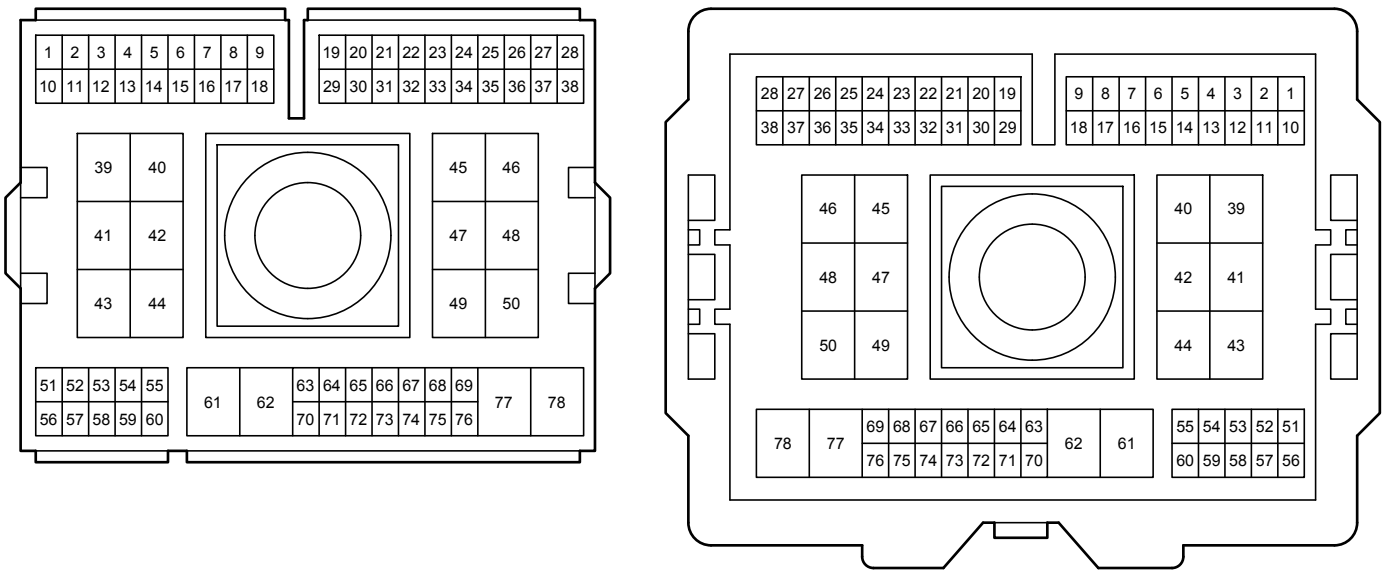
EE1
White



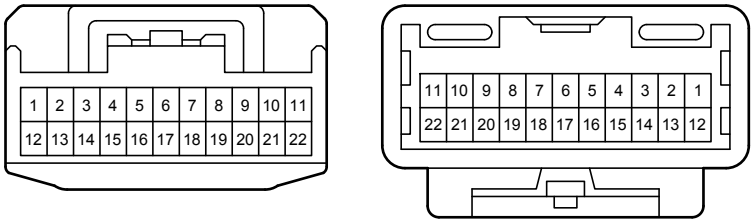

EK1
White Blue



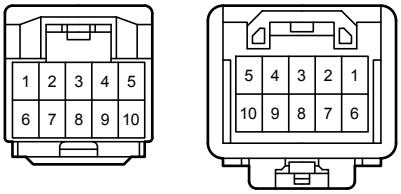

EK2
White



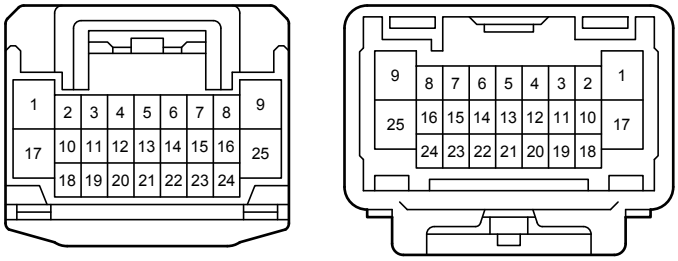
IE4
Gray

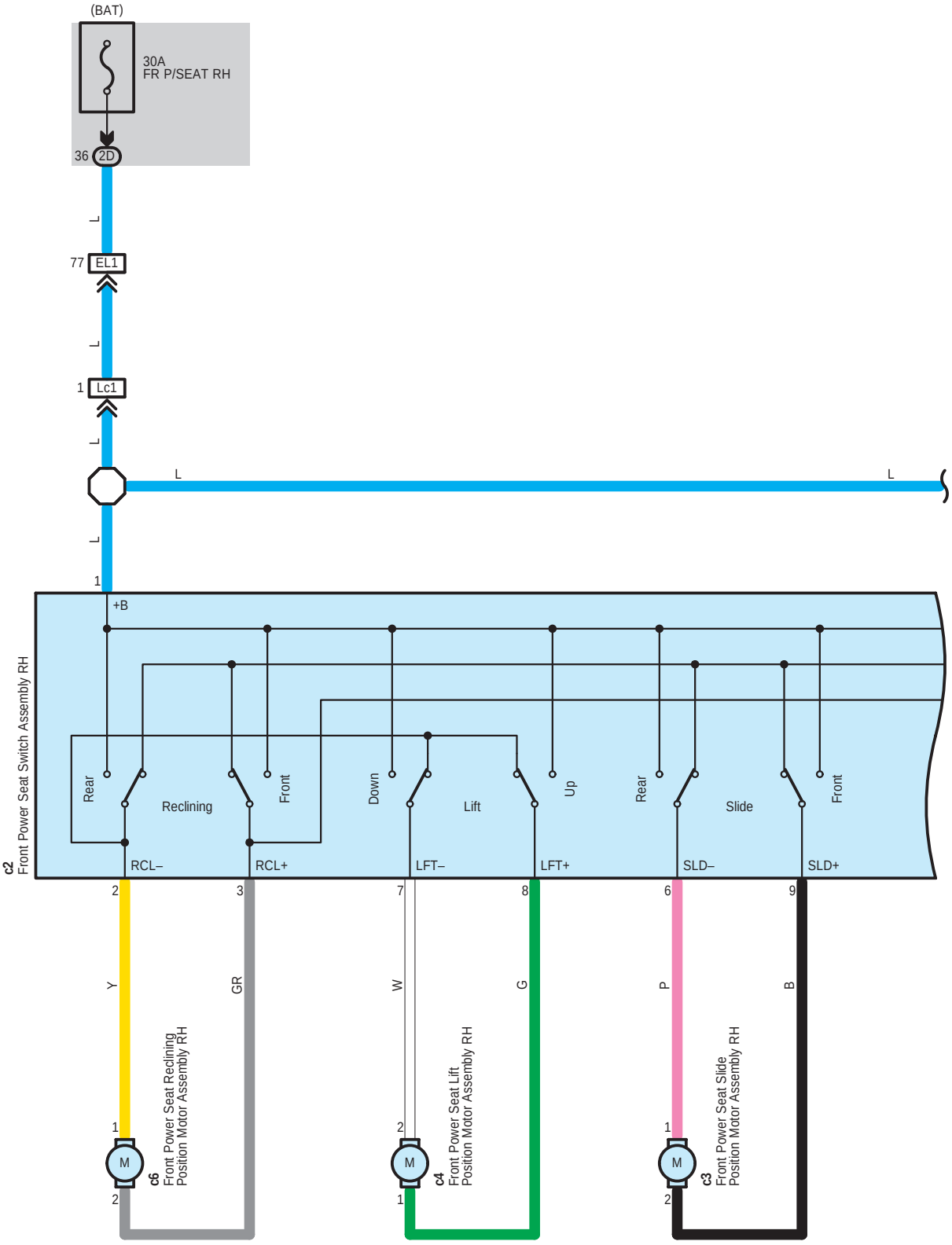


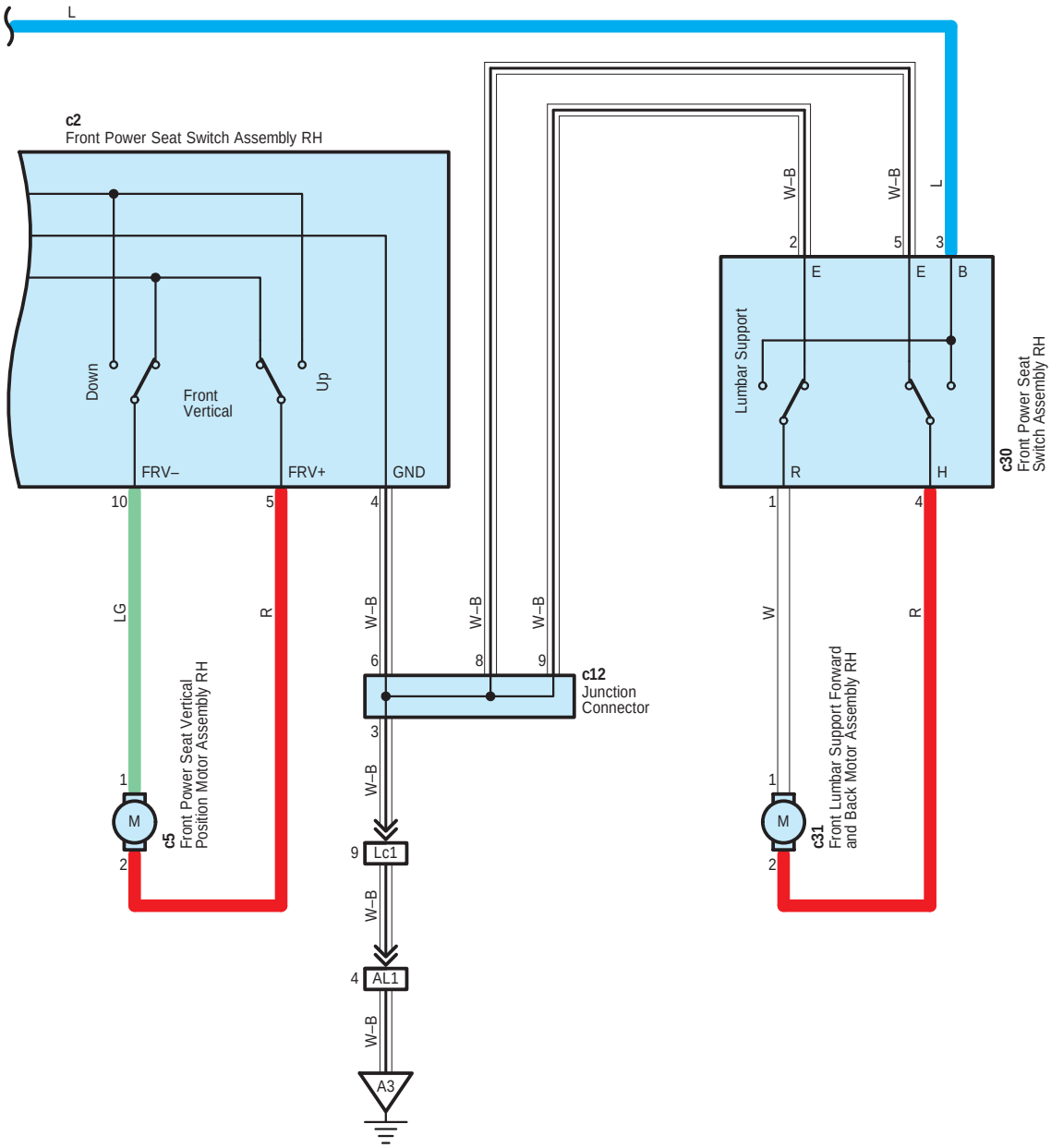

IX1
White



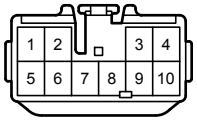

Kc1
White



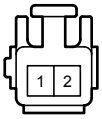

(BAT)
30A
FR P/SEAT RH
36 2D
L
77 EL1
L
1 Lc1
L
L
L
1
+B
c2
Front Power Seat Switch Assembly RH
Rear
Reclining
Front
Down
Lift
Up
Rear
Slide
Front
RCL–
RCL+
LFT–
LFT+
SLD–
SLD+
2
3
7
8
6
9
Y
GR
W
G
P
B
1
2
M
c6
Front Power Seat Reclining Position Motor Assembly RH
c4
Front Power Seat Lift Position Motor Assembly RH
c3
Front Power Seat Slide Position Motor Assembly RH


L
c2
Front Power Seat Switch Assembly RH
Down
Front
Vertical
Up
FRV–
FRV+
GND
10
5
4
LG
R
W–B
W–B
W–B
6
8
9
c12
Junction
Connector
3
W–B
9
Lc1
W–B
4
AL1
W–B
A3
1
M
2
c5
Front Power Seat Vertical
Position Motor Assembly RH
W–B
W–B
L
2
5
3
E
E
B
Lumbar Support
R
H
c30
Front Power Seat
Switch Assembly RH
1
4
W
R
1
M
2
c31
Front Lumbar Support Forward
and Back Motor Assembly RH

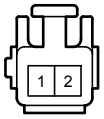
c 2
Black



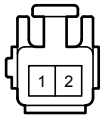

c 3
White



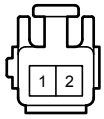

c 4
White



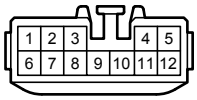

c 5
White



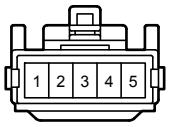

c 6
White



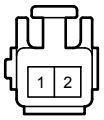

c 12
White



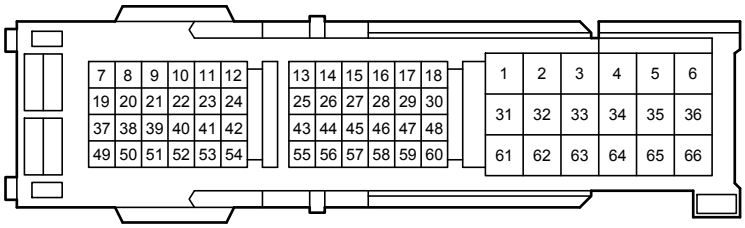

c 30
White



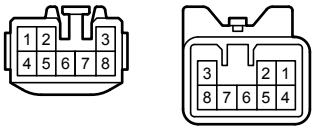

c 31
White



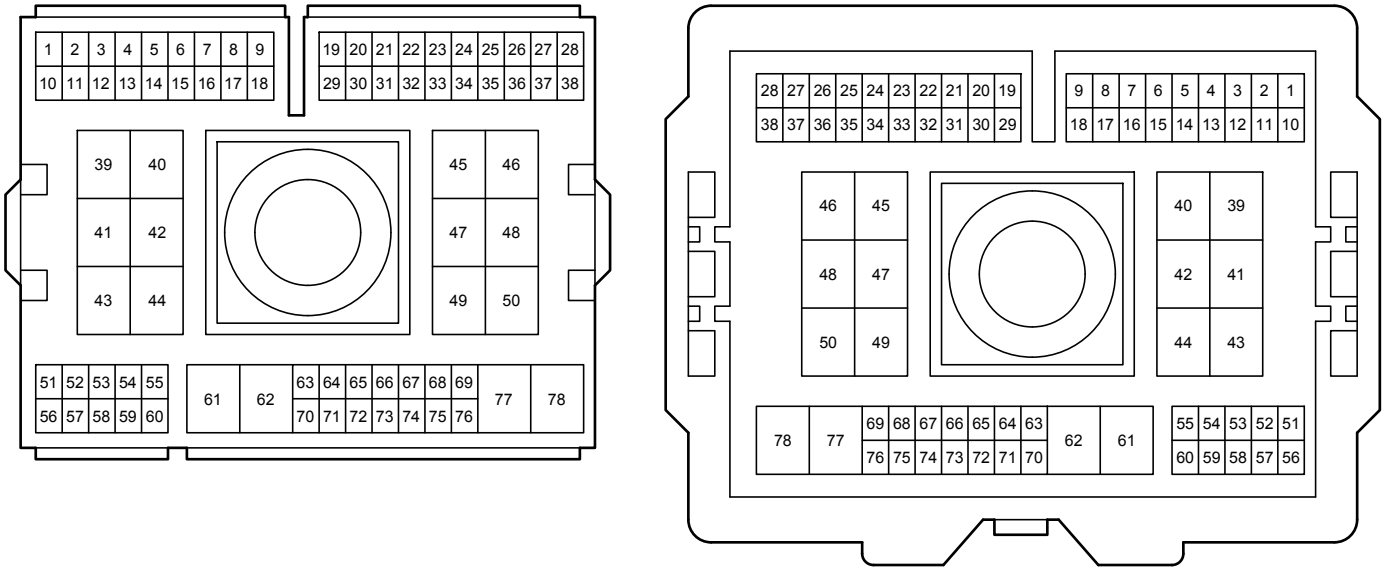

2D
White



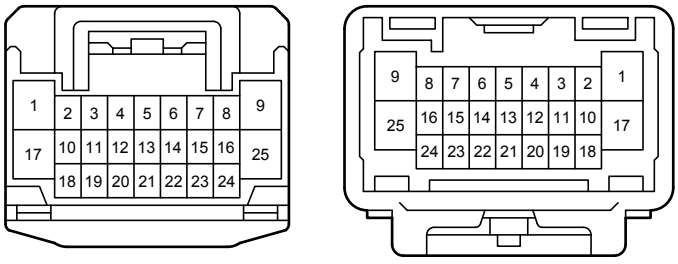

AL1
White

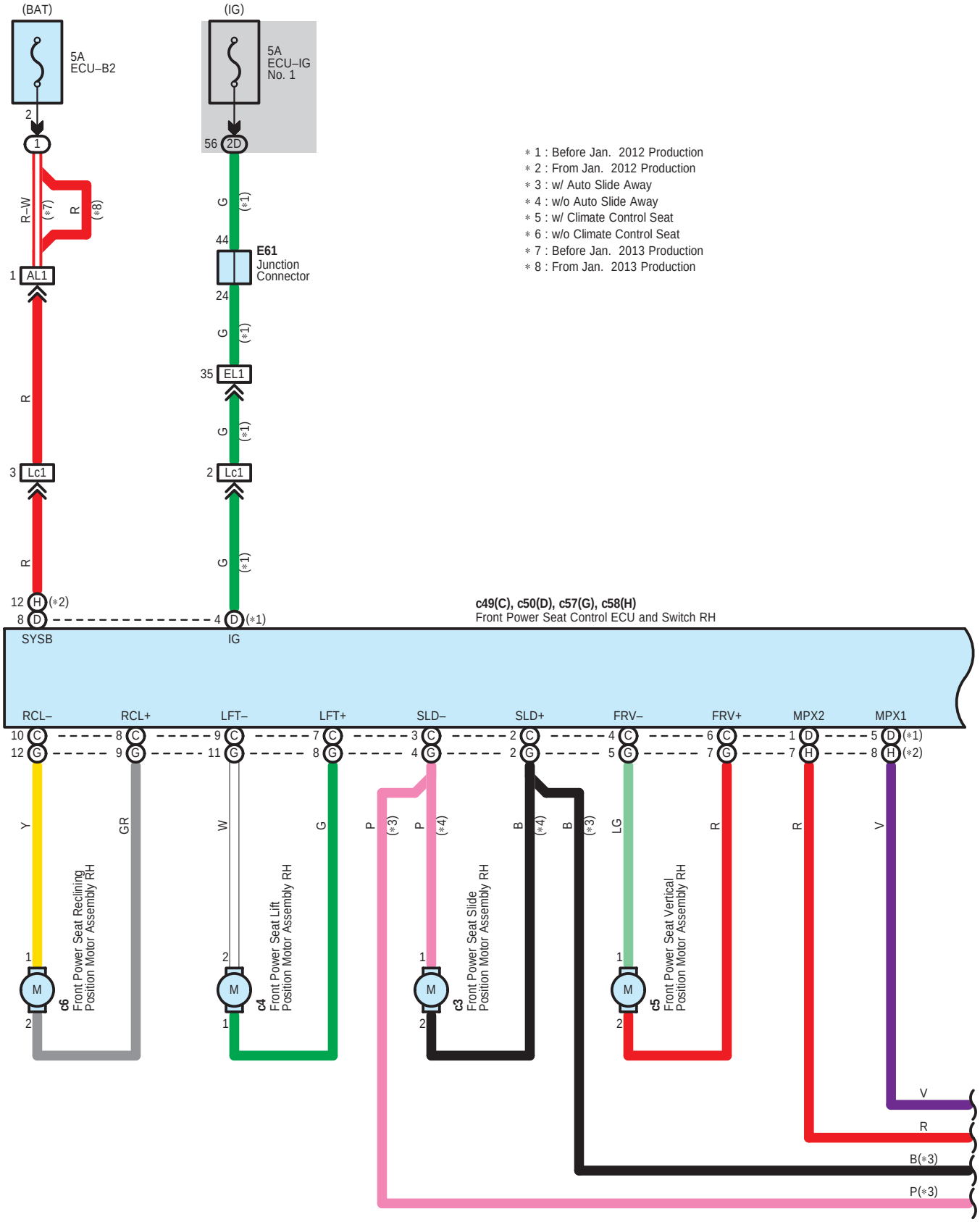


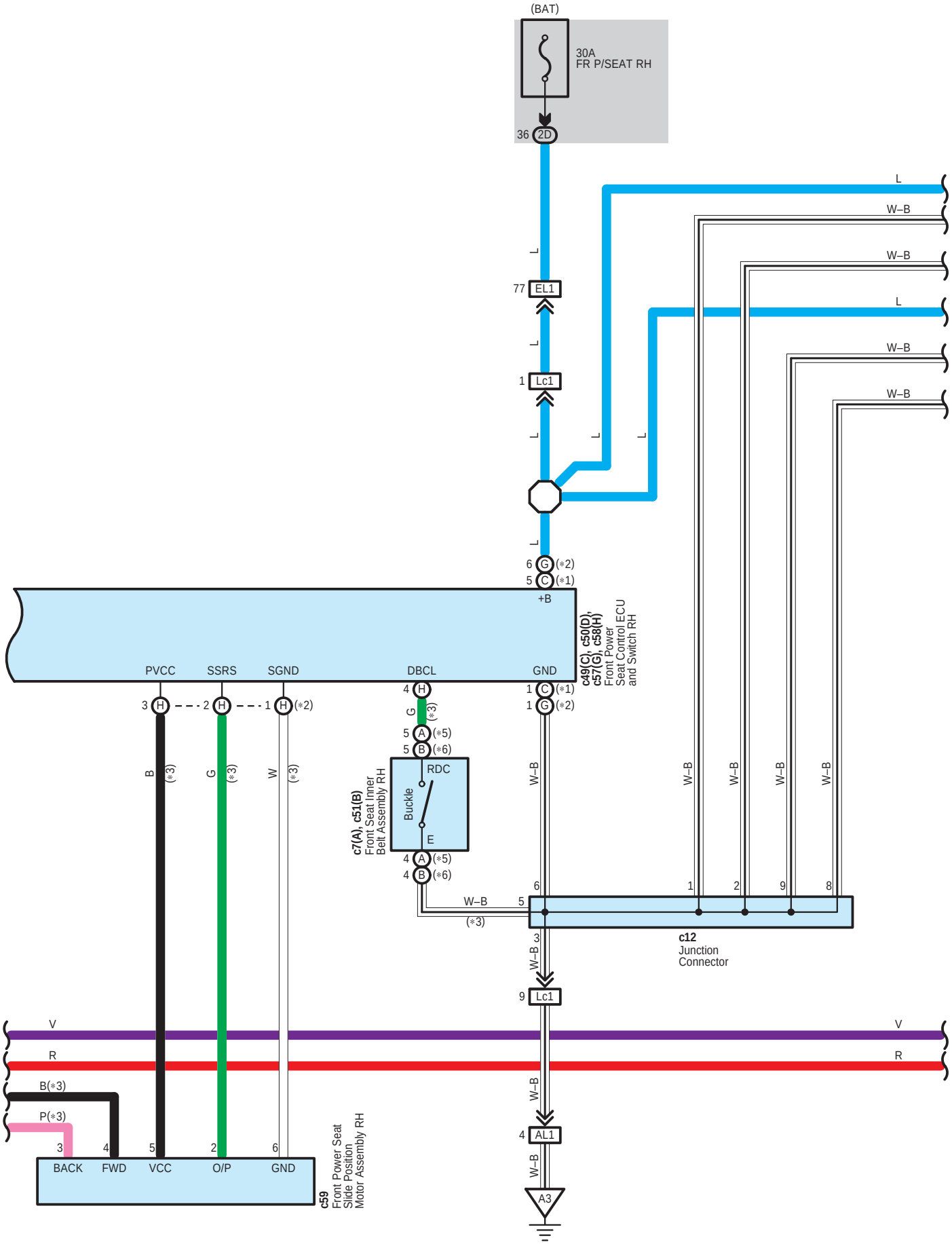

EL1
White

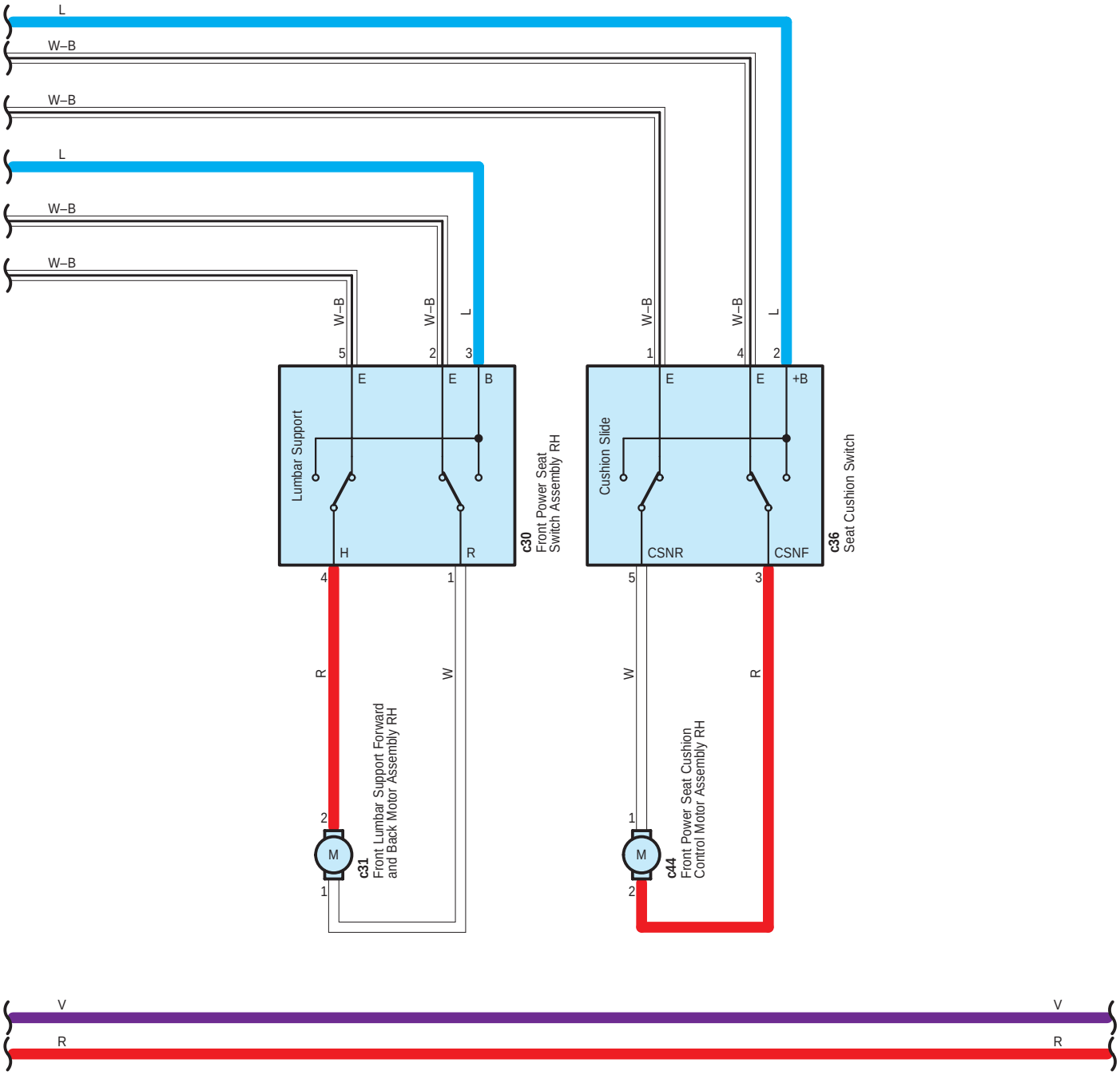


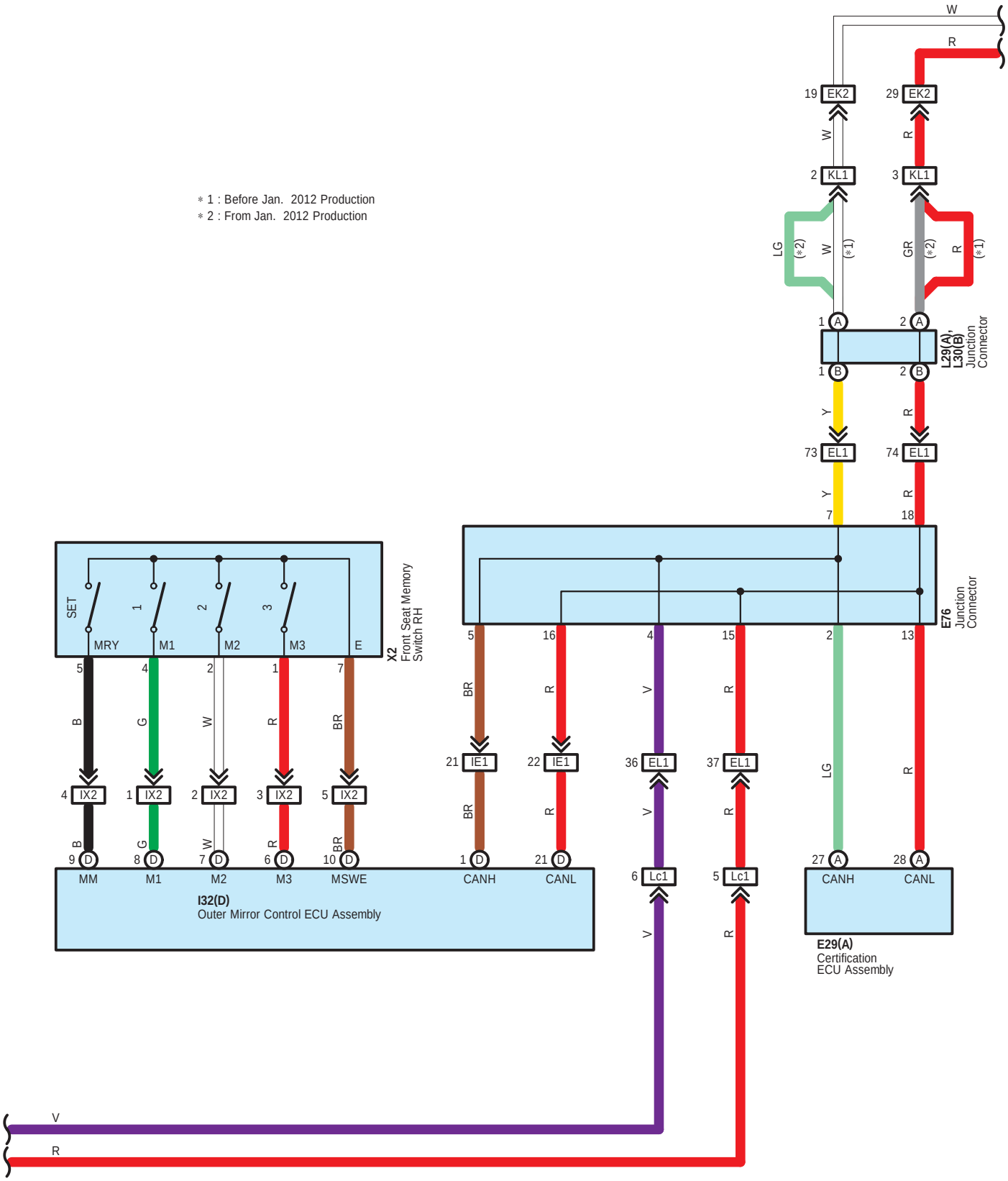

Lc1
White

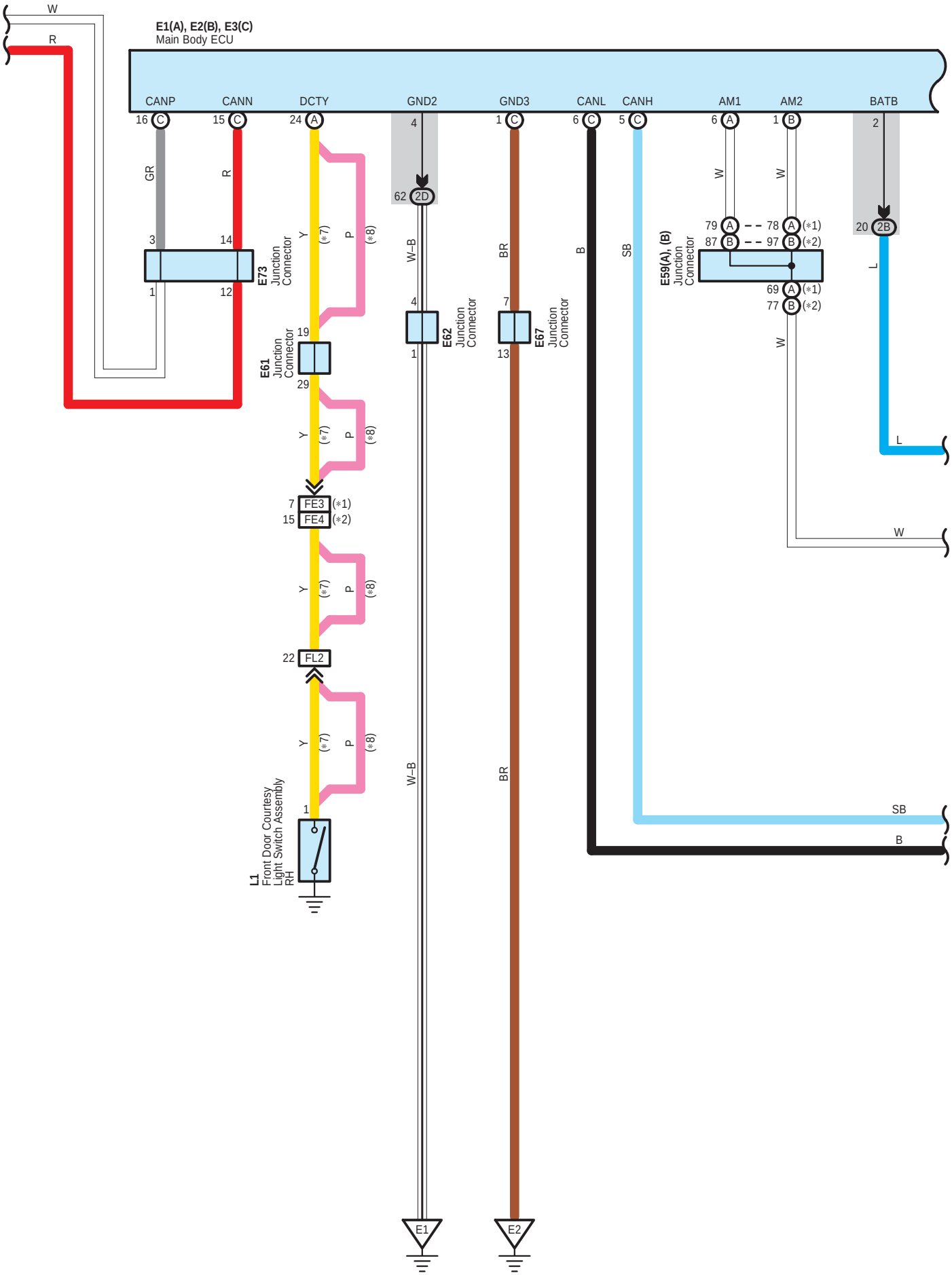


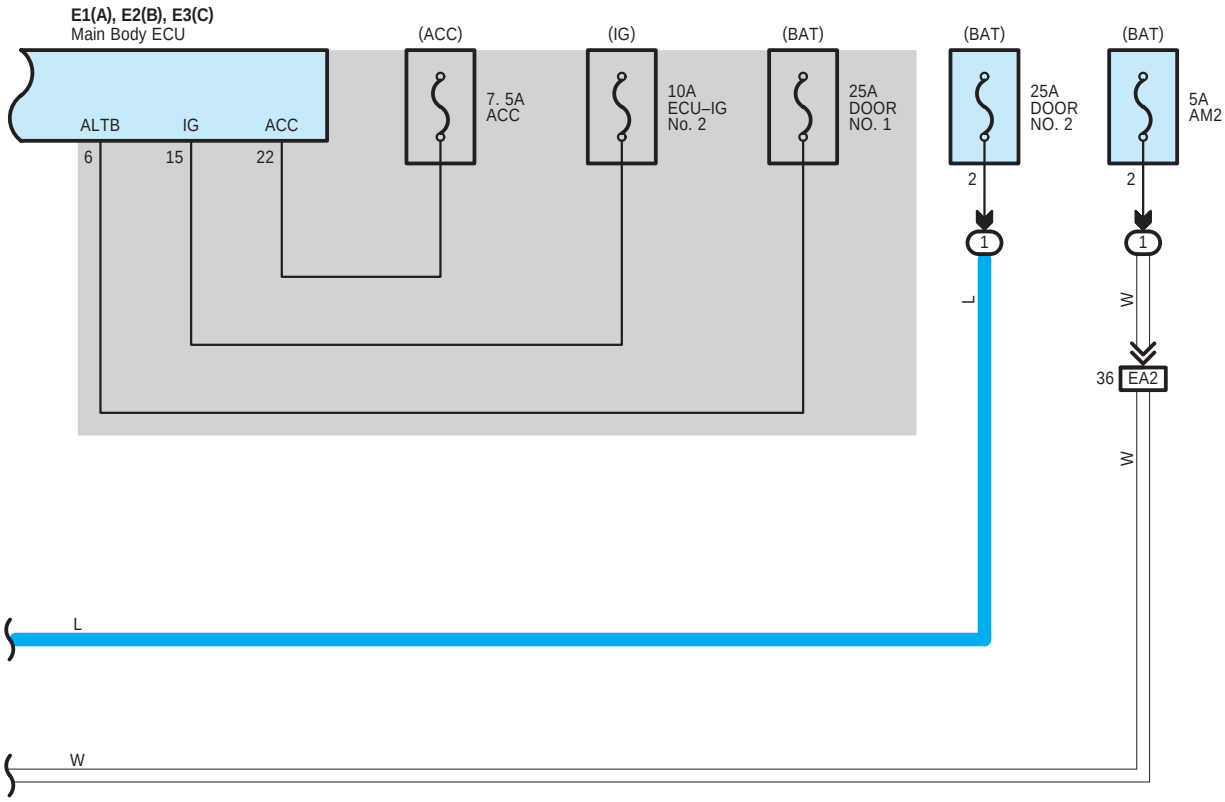

(BAT)
5A
ECU–B2
(IG)
5A
ECU–IG
No. 1
∗ 1 : Before Jan. 2012 Production
∗ 2 : From Jan. 2012 Production
∗ 3 : w/ Auto Slide Away
∗ 4 : w/o Auto Slide Away
∗ 5 : w/ Climate Control Seat
∗ 6 : w/o Climate Control Seat
∗ 7 : Before Jan. 2013 Production
∗ 8 : From Jan. 2013 Production
E61
Junction
Connector
AL1
Lc1
EL1
SYSB
IG
c49(C), c50(D), c57(G), c58(H)
Front Power Seat Control ECU and Switch RH
RCL–
RCL+
LFT–
LFT+
SLD–
SLD+
FRV–
FRV+
MPX2
MPX1
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
77 EL1
1 Lc1
L
W–B
6 G (*2)
5 C (*1)
+B
c49(C), c50(D),
c57(G), c58(H)
Front Power
Seat Control ECU
and Switch RH
PVCC
SSRS
SGND
DBCL
GND
3 H
2 H
1 H (*2)
4 H
1 C (*1)
1 G (*2)
G (*3)
5 A (*5)
5 B (*6)
RDC
Buckle
E
c7(A), c51(B)
Front Seat Inner
Belt Assembly RH
4 A (*5)
4 B (*6)
B (*3)
G (*3)
W (*3)
W–B (*3)
c12
Junction
Connector
9 Lc1
4 AL1
A3
V
R
B(*3)
P(*3)
3 BACK
4 FWD
5 VCC
2 O/P
6 GND
c59
Front Power Seat
Slide Position
Motor Assembly RH


L
W–B
W–B
L
W–B
W–B
W–B
W–B
L
W–B
W–B
L
5
2
3
1
4
2
E
E
B
E
E
+B
Lumbar Support
Cushion Slide
H
R
CSNR
CSNF
c30
Front Power Seat
Switch Assembly RH
c36
Seat Cushion Switch
4
1
5
3
R
W
W
R
2
1
M
M
1
2
c31
Front Lumbar Support Forward
and Back Motor Assembly RH
c44
Front Power Seat Cushion
Control Motor Assembly RH
V
R
V
R

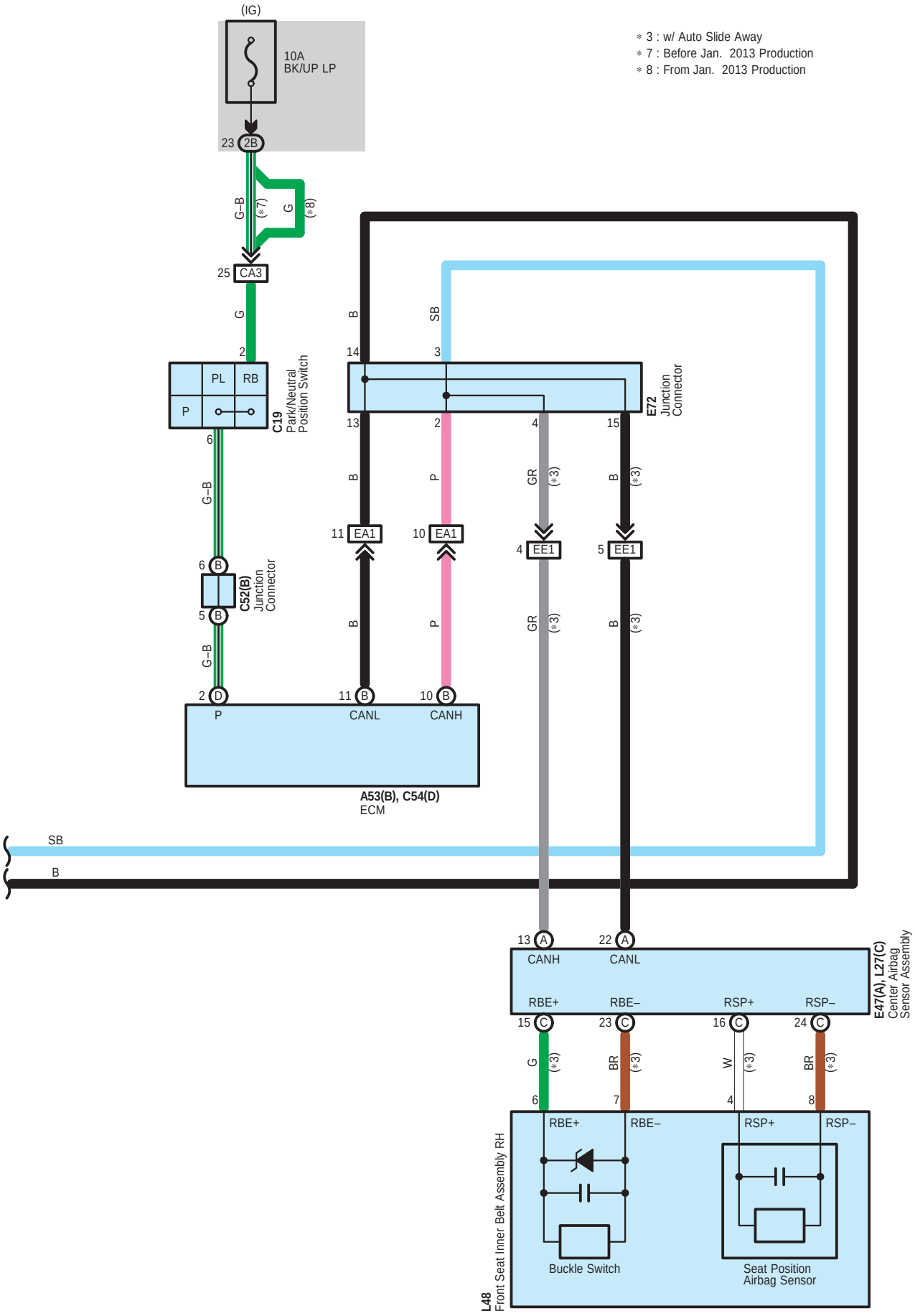

∗ 1 : Before Jan. 2012 Production
∗ 2 : From Jan. 2012 Production
W
R
19 EK2
29 EK2
W
R
2 KL1
3 KL1
LG (∗2)
W (∗1)
GR (∗2)
R (∗1)
1 A
2 A
1 B
2 B
L29(A), L30(B) Junction Connector
Y
R
73 EL1
74 EL1
Y
R
7
18
E76 Junction Connector
SET
1
2
3
MRY
M1
M2
M3
E
X2 Front Seat Memory Switch RH
5 B
4 G
2 W
1 R
7 BR
4 IX2
1 IX2
2 IX2
3 IX2
5 IX2
B
G
W
R
BR
9 D
8 D
7 D
6 D
10 D
MM
M1
M2
M3
MSWE
I32(D)
Outer Mirror Control ECU Assembly
5 BR
16 R
4 V
15 R
2 LG
13 R
21 IE1
22 IE1
36 EL1
37 EL1
BR
R
V
R
LG
R
1 D
21 D
6 Lc1
5 Lc1
CANH
CANL
27 A
28 A
CANH
CANL
E29(A)
Certification ECU Assembly
V
R
V
R


W
R
E1(A), E2(B), E3(C)
Main Body ECU
CANP
CANN
DCTY
GND2
GND3
CANL
CANH
AM1
AM2
BATB
16 C
15 C
24 A
4
1 C
6 C
5 C
6 A
1 B
2
GR
R
3
14
1
12
E73
Junction
Connector
Y
(*7)
P
(*8)
19
29
E61
Junction
Connector
7 FE3 (*1)
15 FE4 (*2)
22 FL2
1
L1
Front Door Courtesy
Light Switch Assembly
RH
62 2D
W–B
4
1
E62
Junction
Connector
BR
7
13
E67
Junction
Connector
B
SB
W
79 A
87 B
78 A (*1)
97 B (*2)
69 A (*1)
77 B (*2)
E59(A), (B)
Junction
Connector
20 2B
L
E1
E2



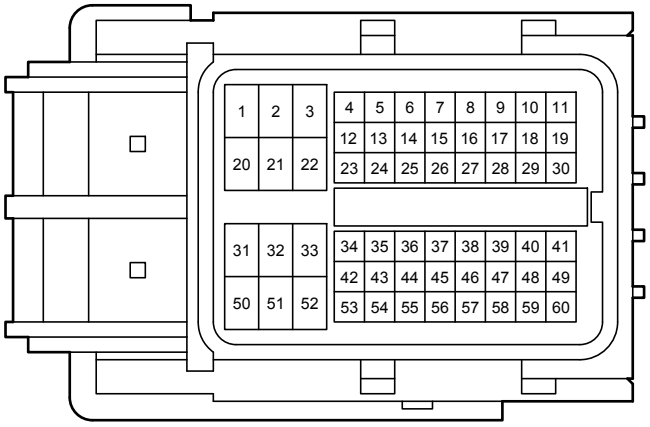

∗ 1 : Before Jan. 2012 Production
∗ 2 : From Jan. 2012 Production
∗ 7 : Before Jan. 2013 Production
∗ 8 : From Jan. 2013 Production



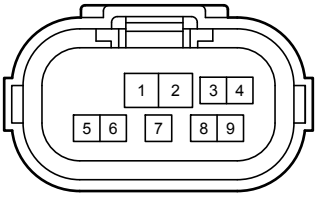



＊3 : w/ Auto Slide Away
＊7 : Before Jan. 2013 Production
＊8 : From Jan. 2013 Production

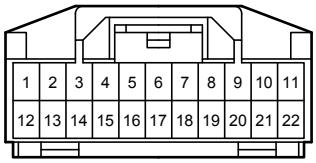
A 53
Black



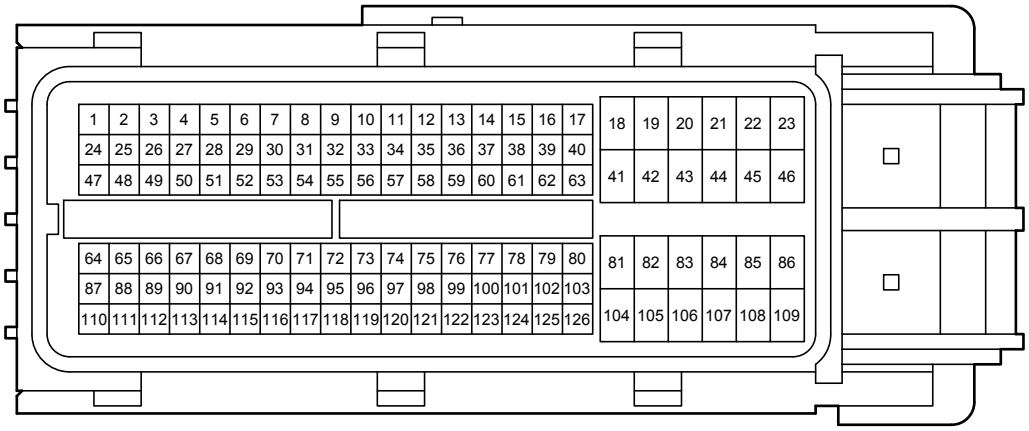

C 19
Gray



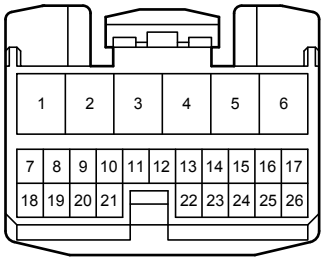

C 52
Blue



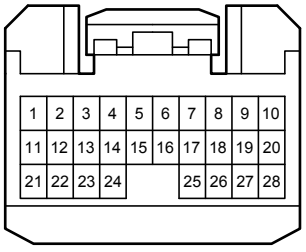

C 54
Black



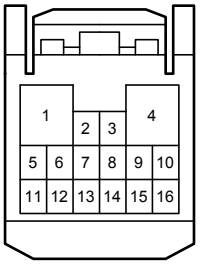

E 1
White



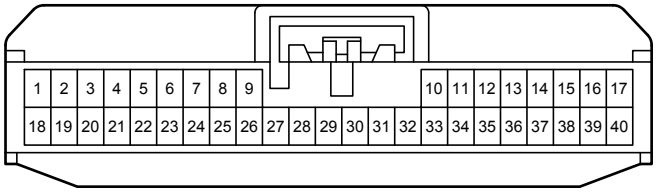

E 2
White



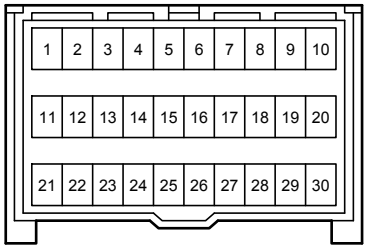

E 3
White



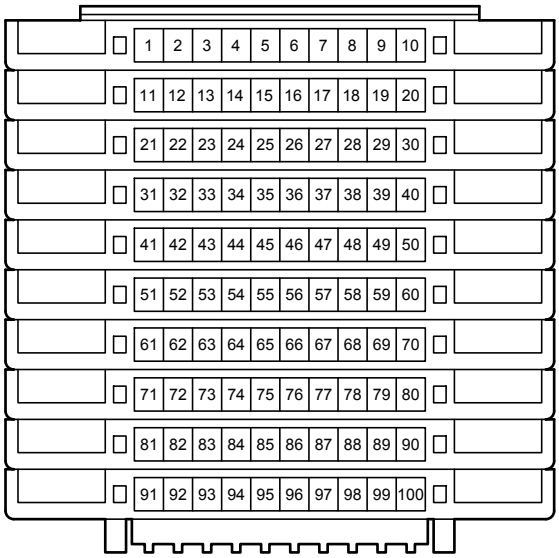
E 29
White



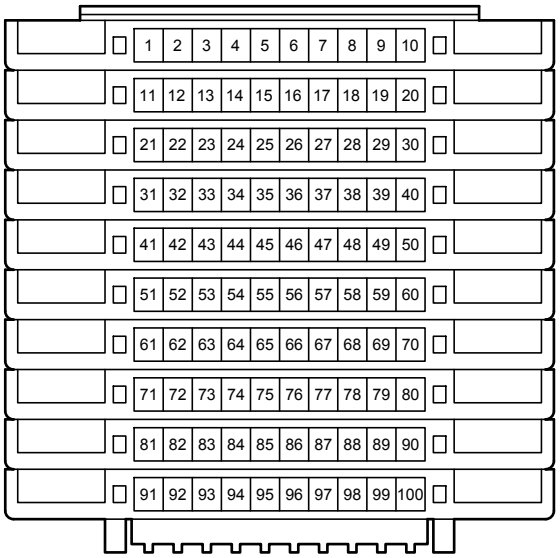

E 47
Yellow



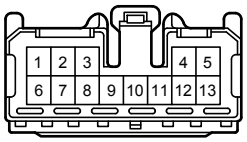

E 59
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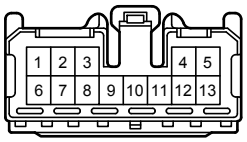

E 61
White



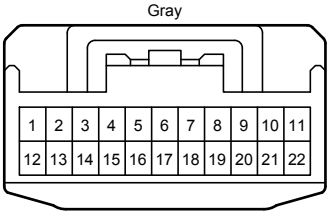

E 62
White



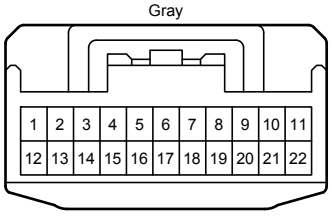

E 67
White



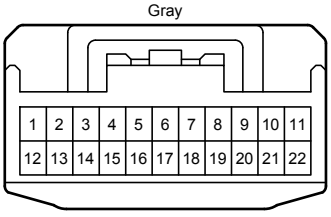

E 72
Gray



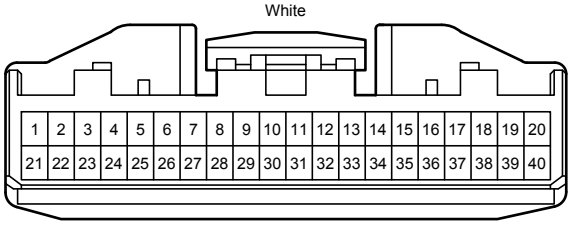

E 73
Gray




E 76
Gray



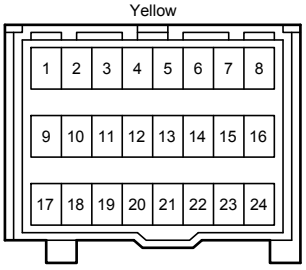

I 32
White



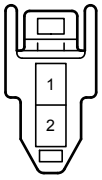

L 1
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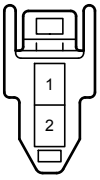

L 27
Yellow



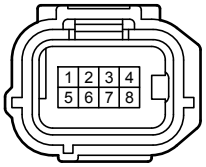
L 29
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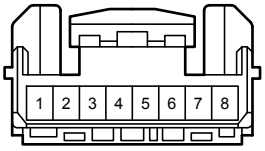

L 30
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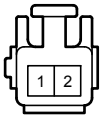

L 48
Gray



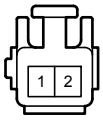

X 2
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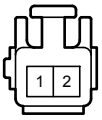

c 3
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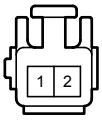

c 4
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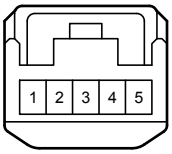

c 5
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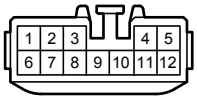

c 6
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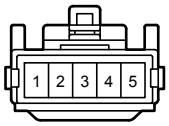

c 7
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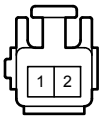

c 12
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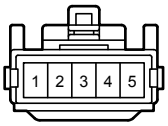

c 30
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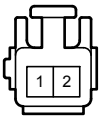

c 31
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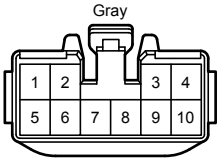

c 36
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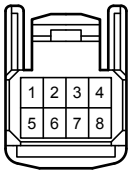

c 44
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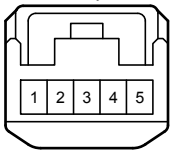

c 49
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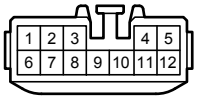

c 50
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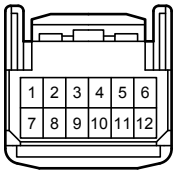

c 51
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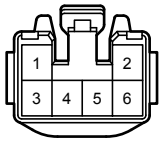

c 57
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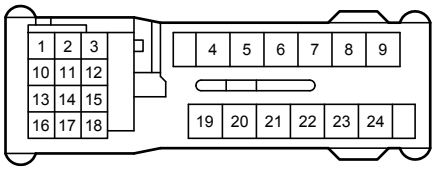

c 58
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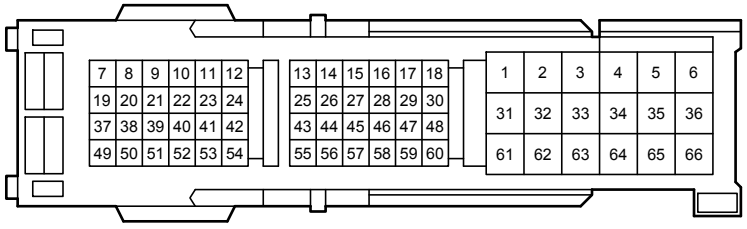

c 59
White



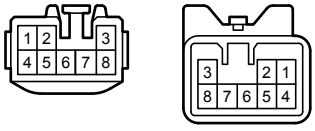

2B
White



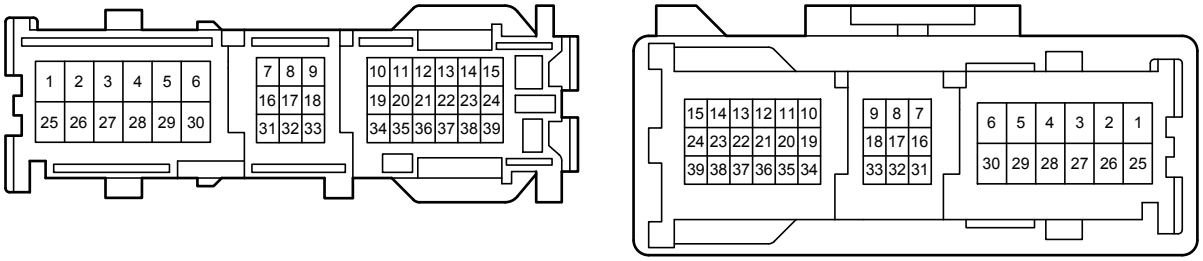

2D
White



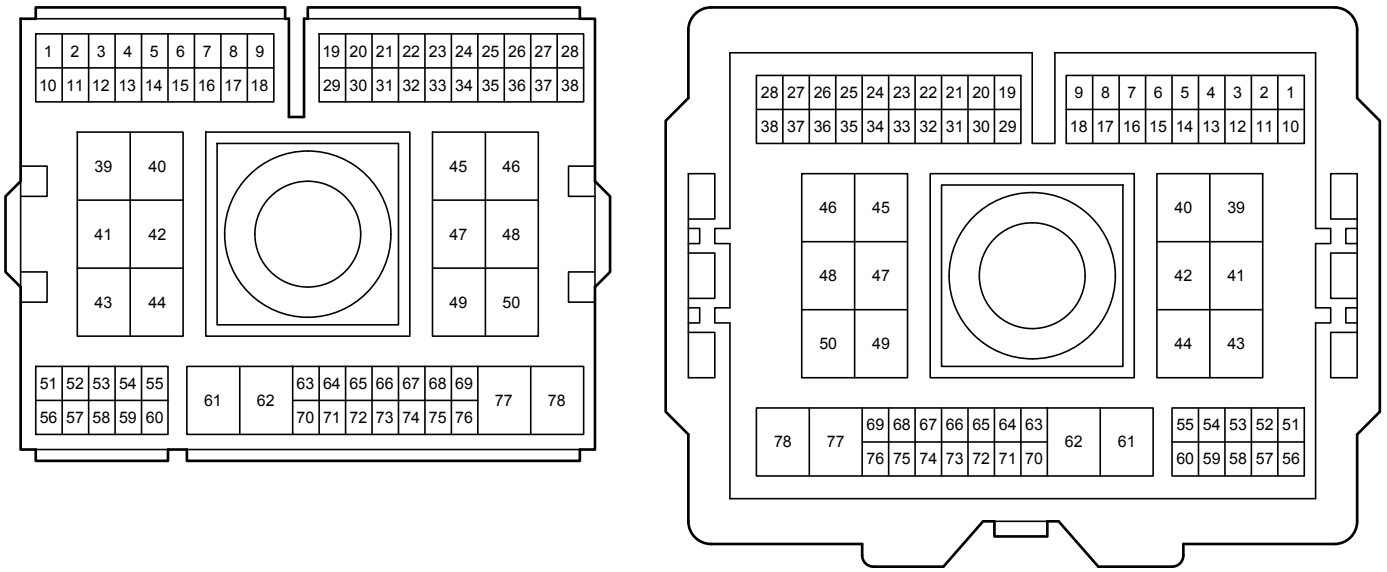

AL1
White



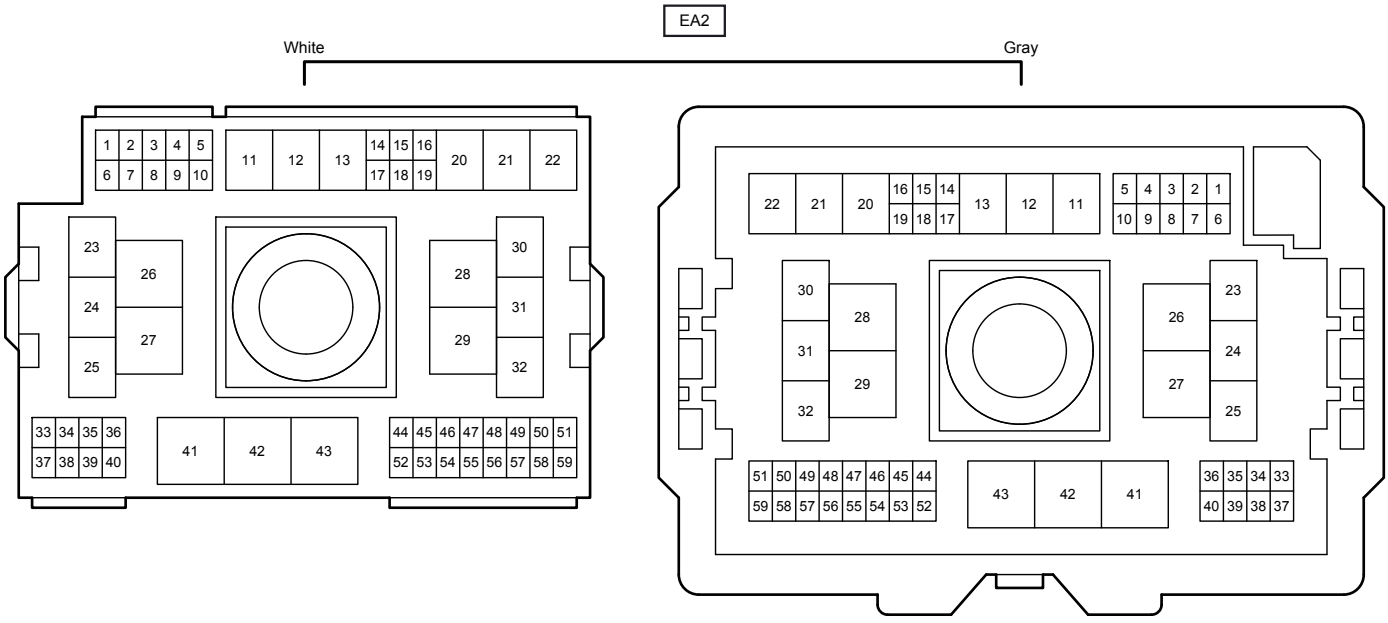
CA3
White



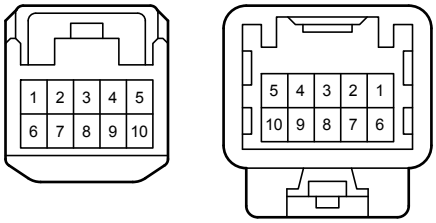

EA1
White



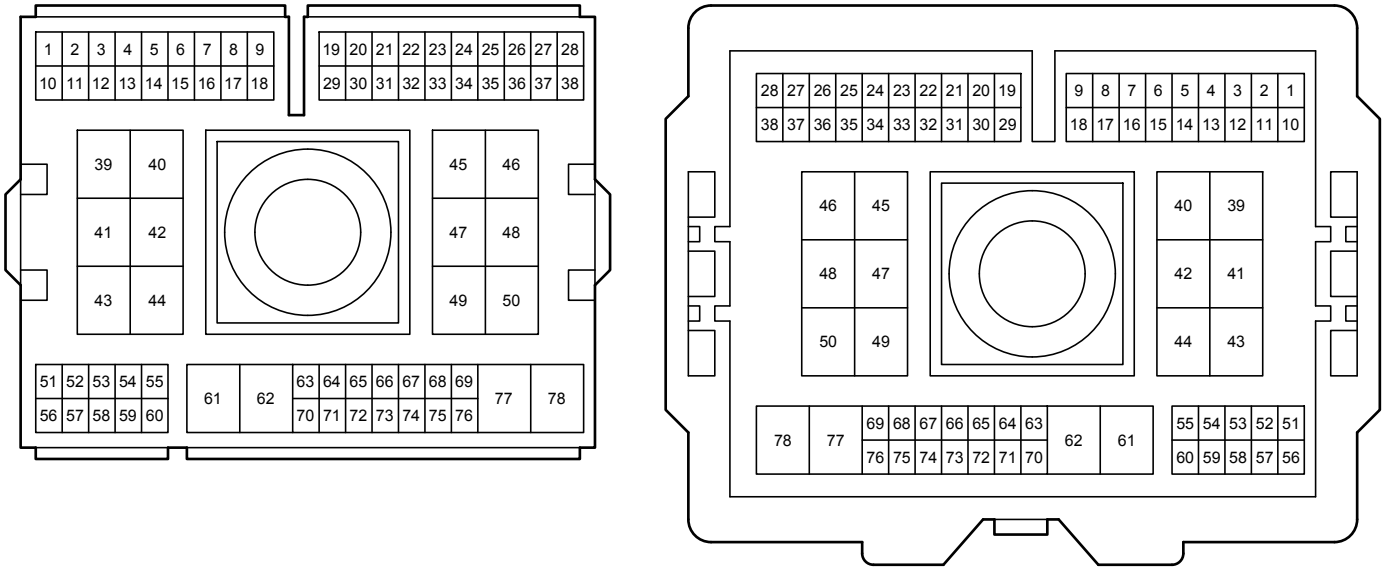

EA2
White
Gray



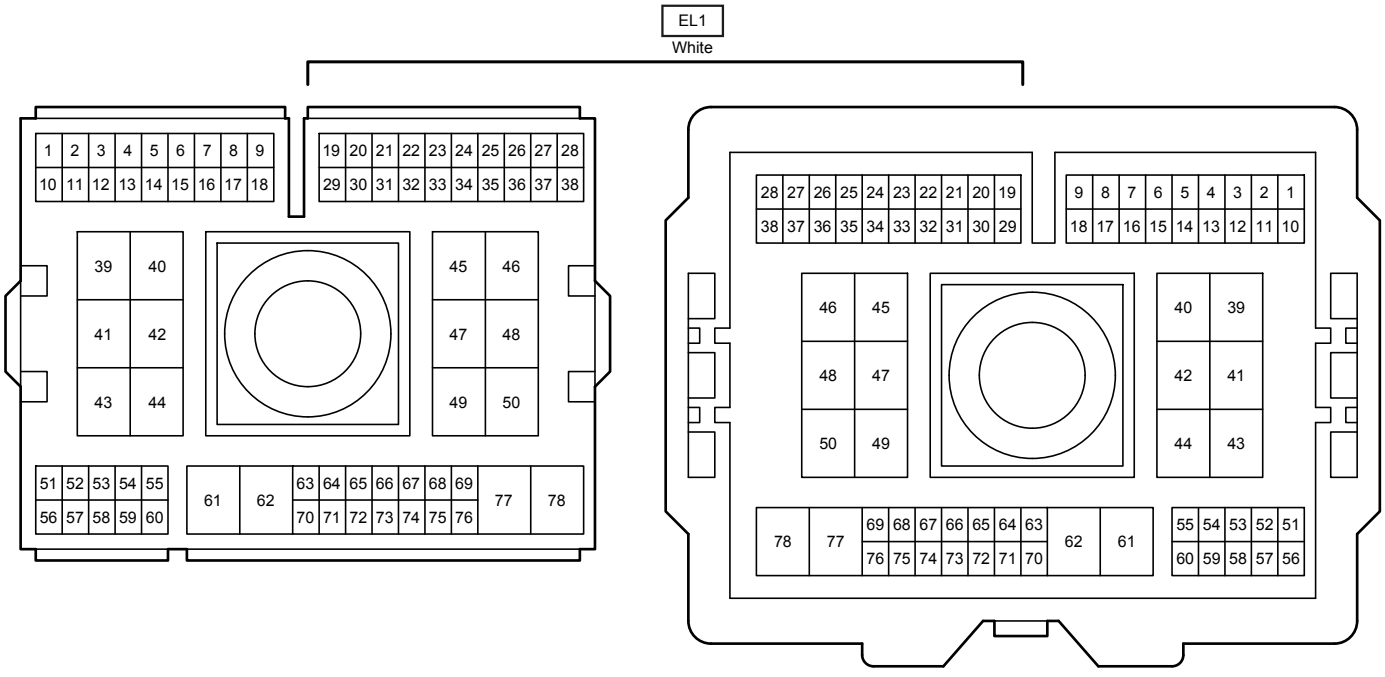
EE1
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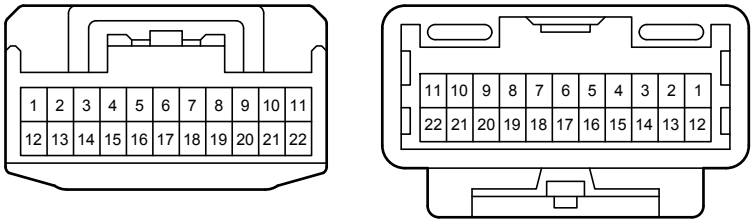

EK2
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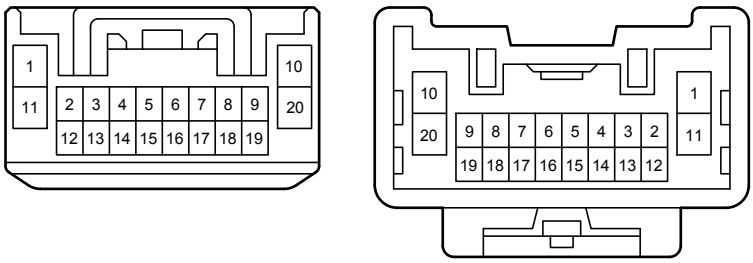

EL1
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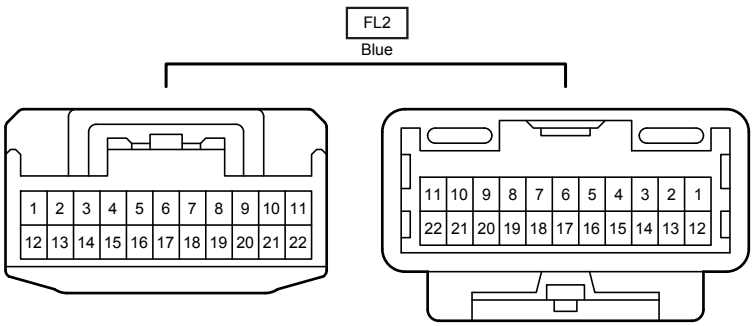
FE3
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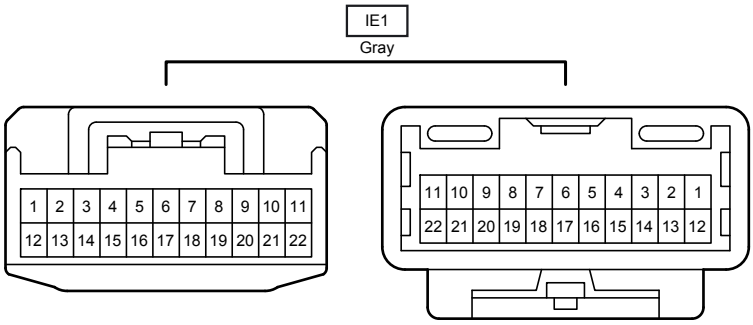

FE4
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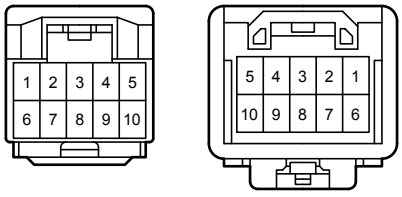

FL2
Blue



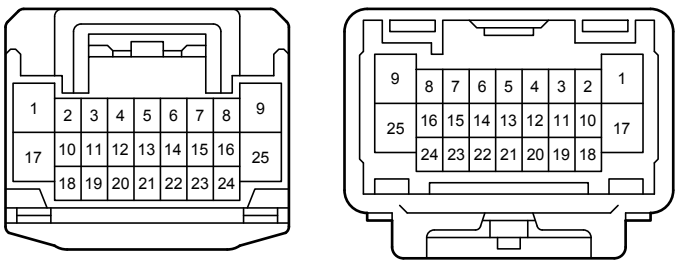

IE1
Gray

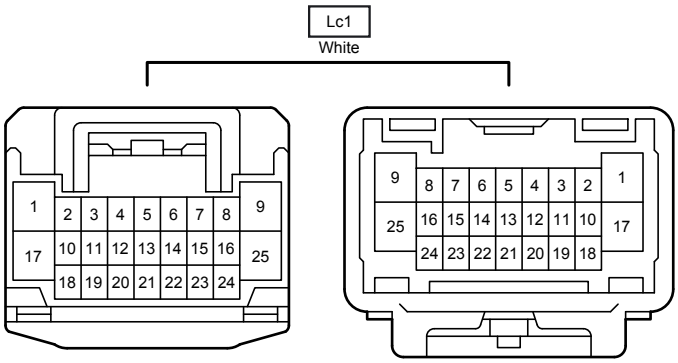


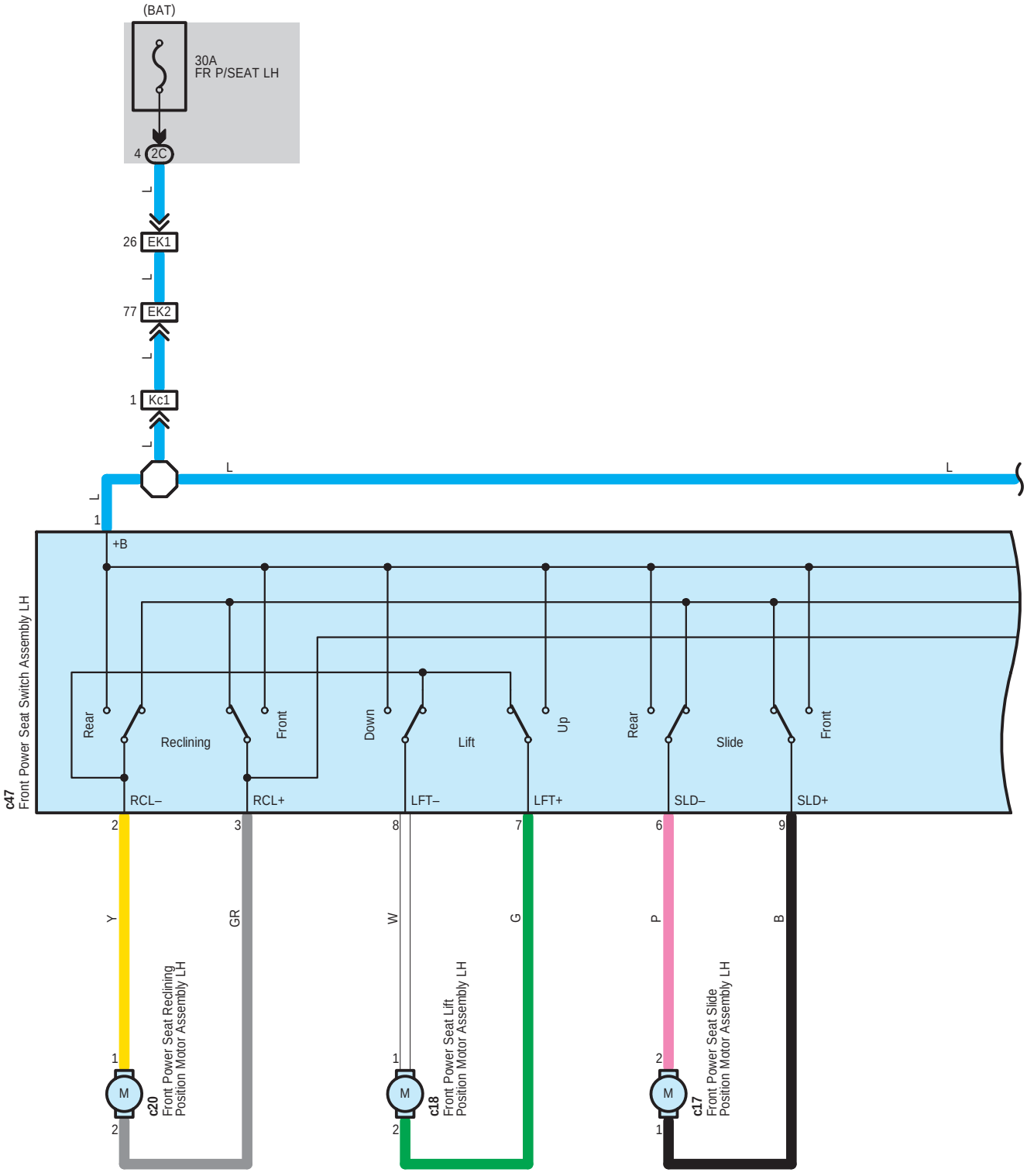

IX2
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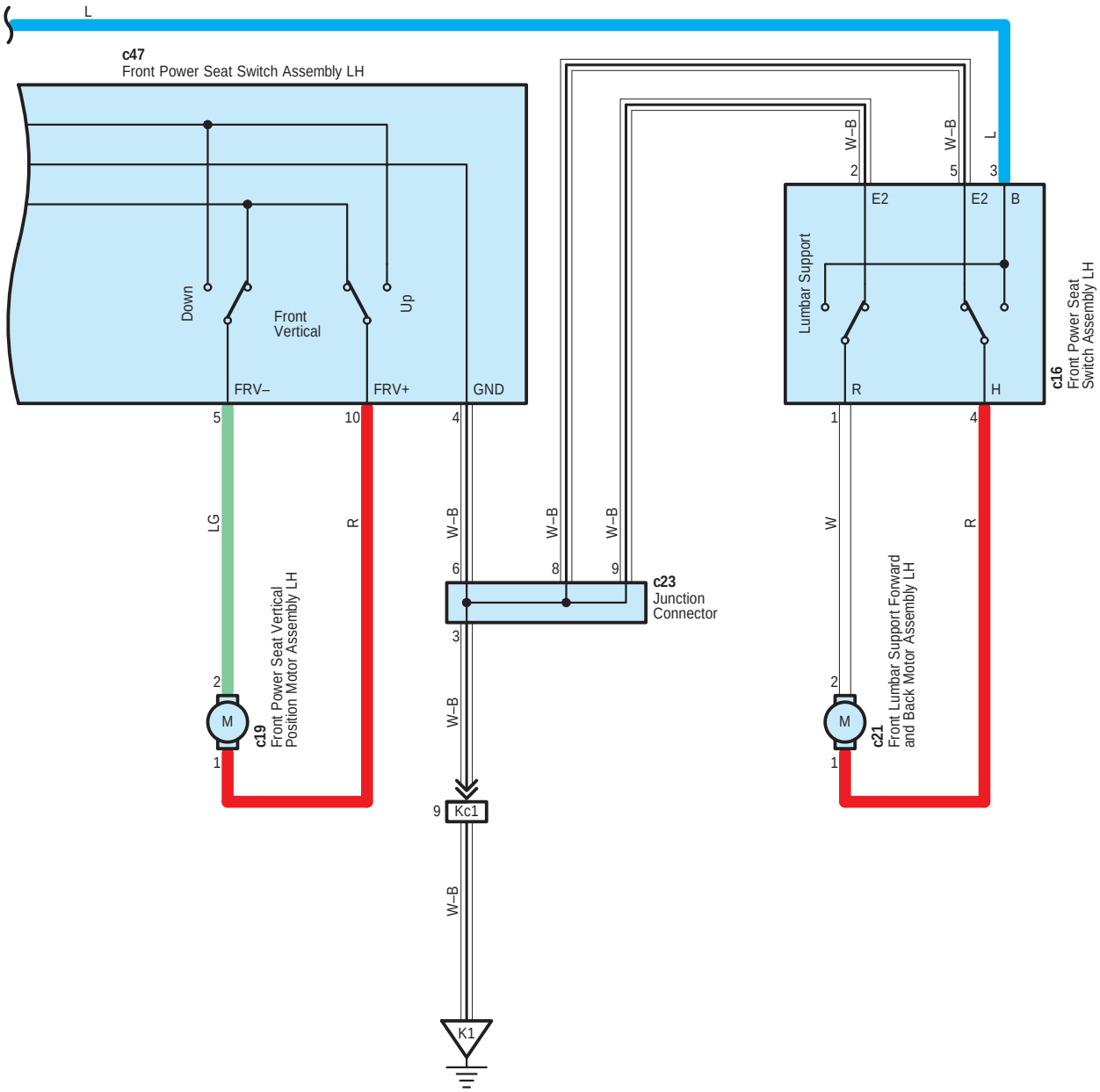


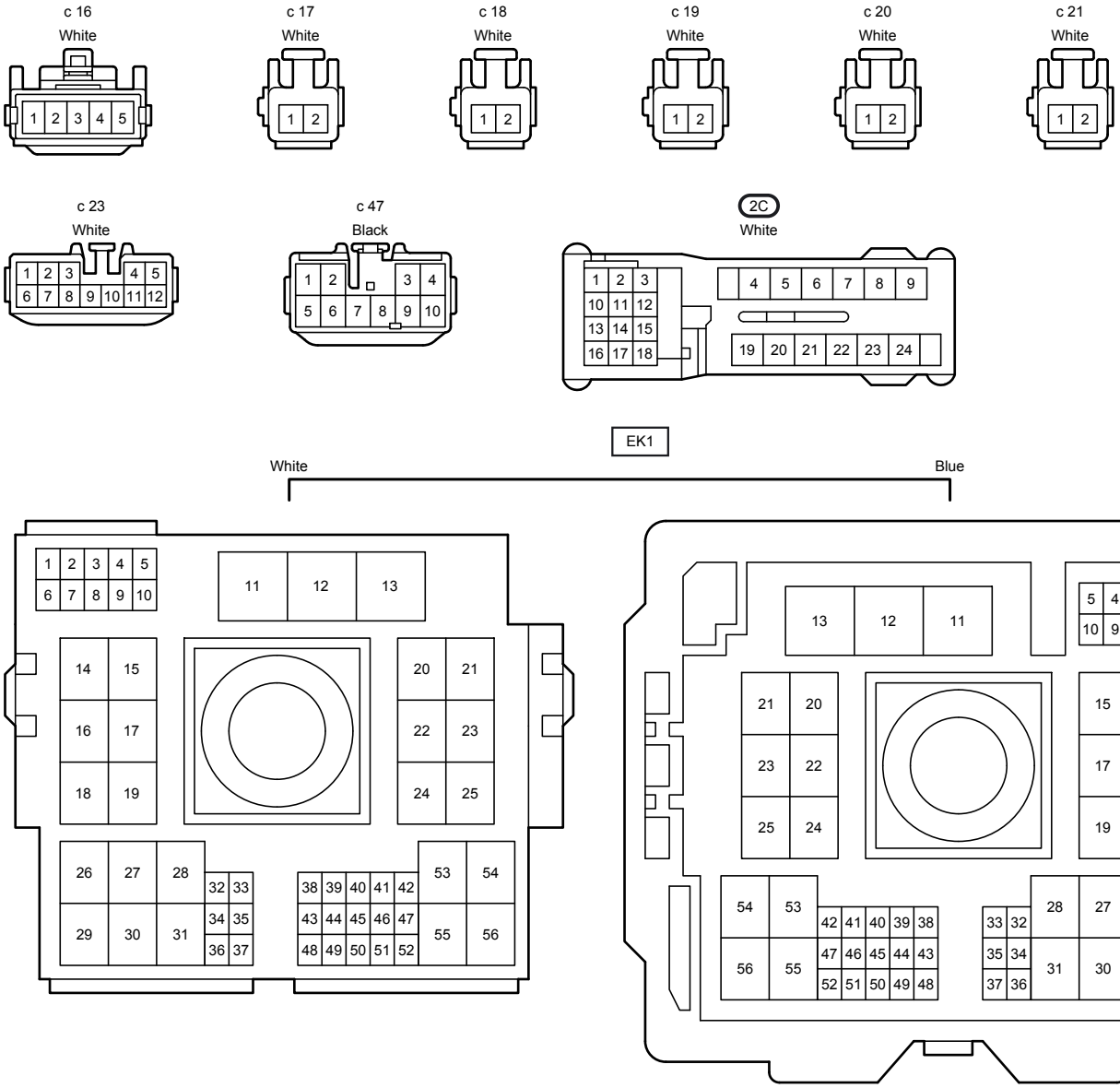

KL1
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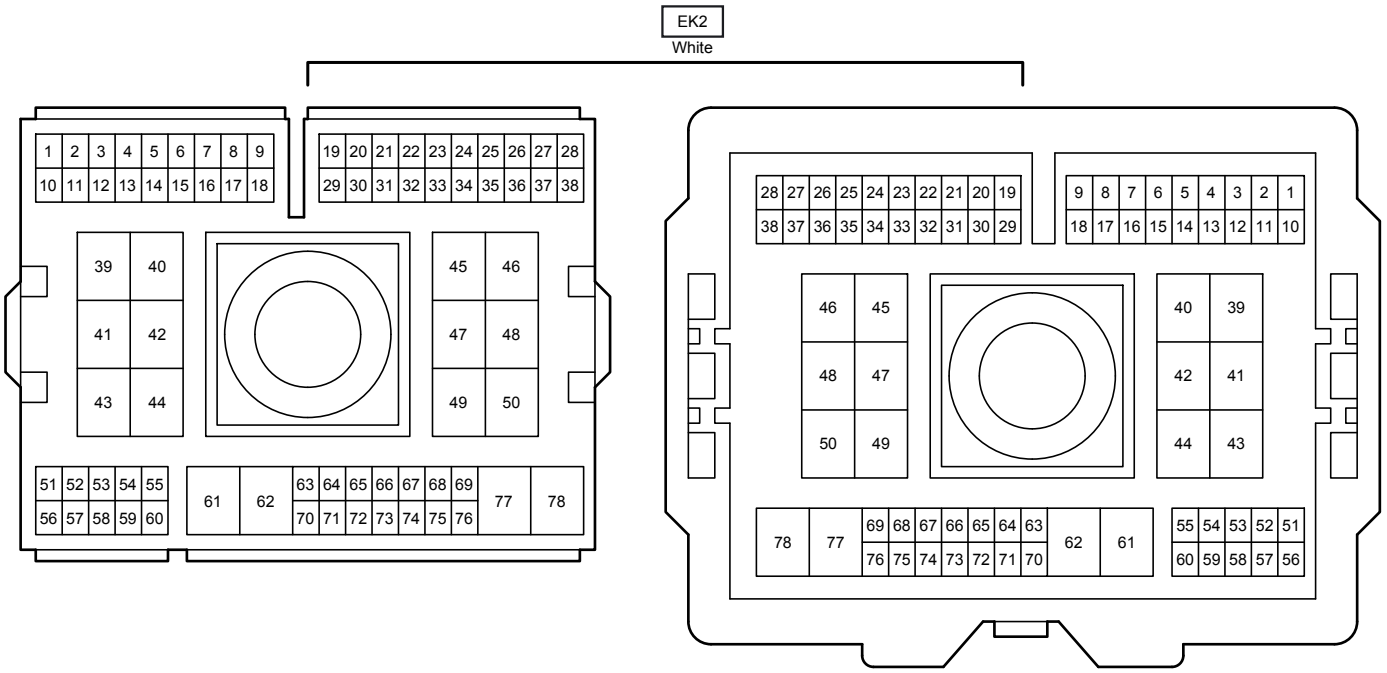


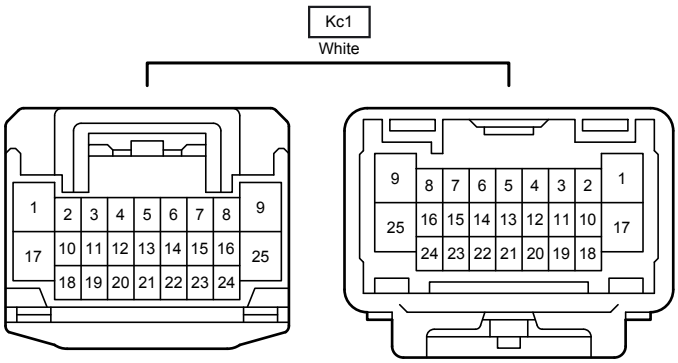

Lc1
White
1
2
3
4
5
6
7
8
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17
10
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12
13
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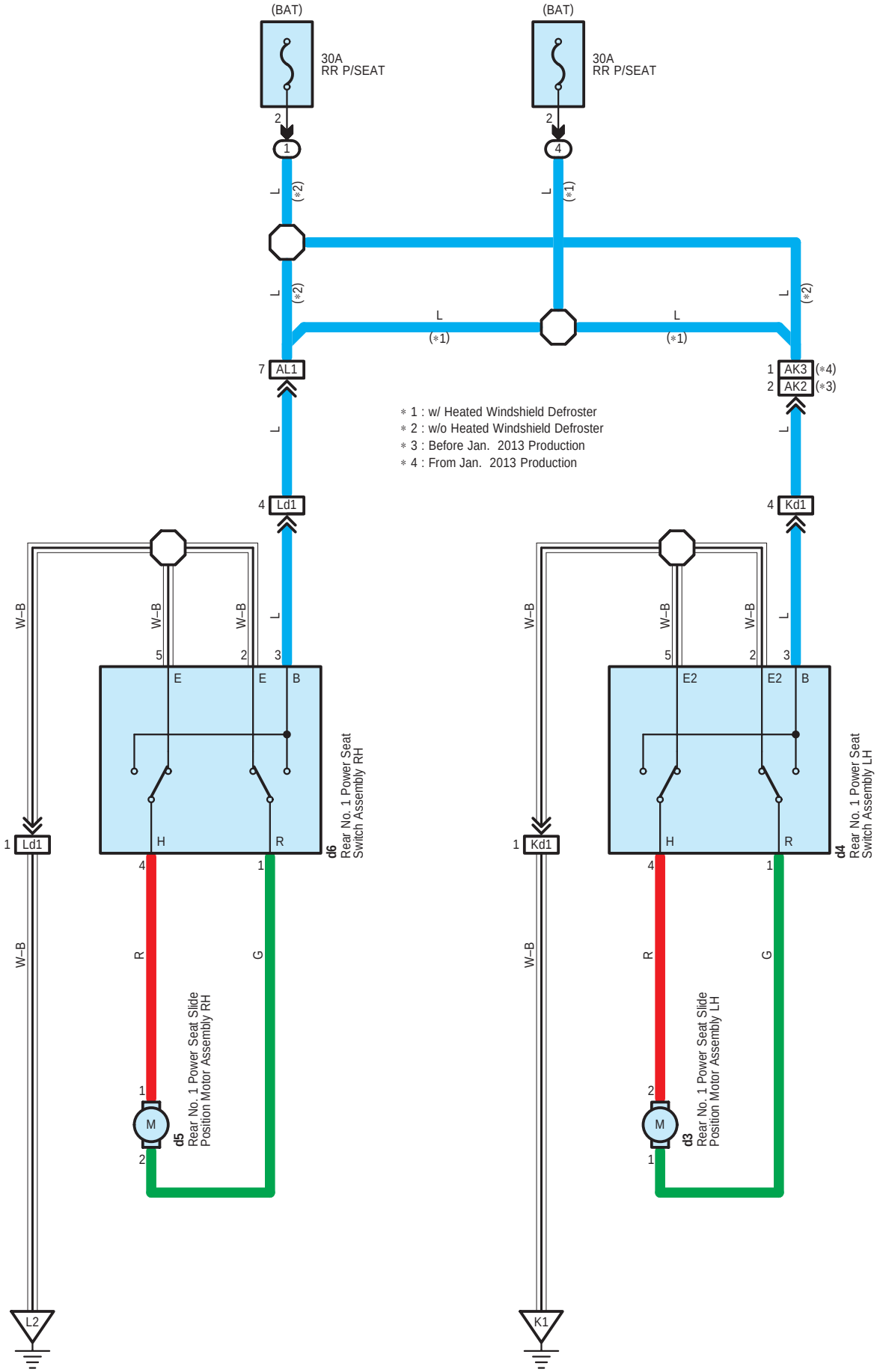

(BAT)
30A
FR P/SEAT LH
4 2C
L
26 EK1
L
77 EK2
L
1 Kc1
L
L
L
L
1
+B
c47
Front Power Seat Switch Assembly LH
Rear
Reclining
Front
Down
Lift
Up
Rear
Slide
Front
RCL–
RCL+
LFT–
LFT+
SLD–
SLD+
2
3
8
7
6
9
Y
GR
W
G
P
B
1
2
M
c20
Front Power Seat Reclining Position Motor Assembly LH
c18
Front Power Seat Lift Position Motor Assembly LH
c17
Front Power Seat Slide Position Motor Assembly LH

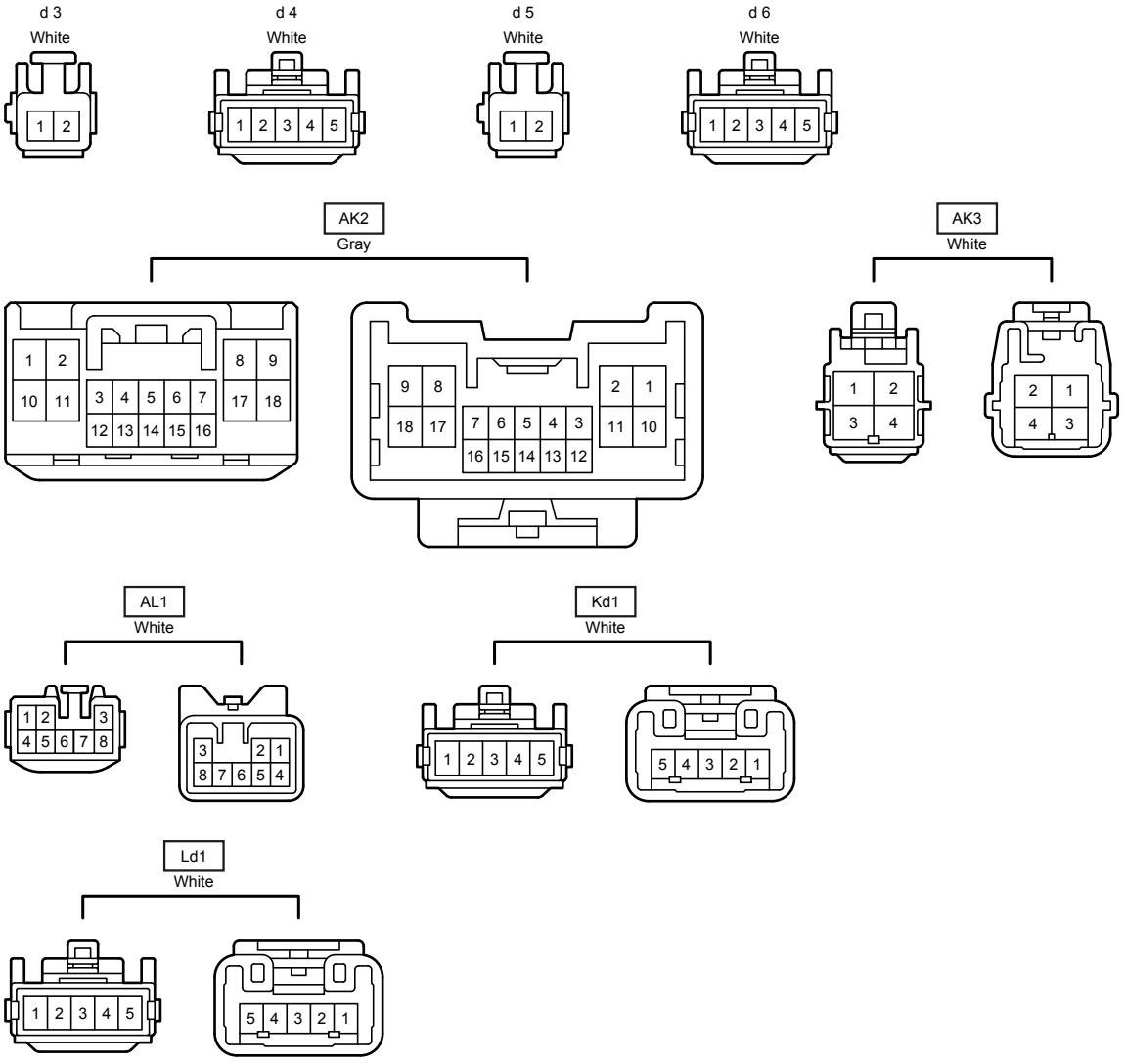

L
c47
Front Power Seat Switch Assembly LH
Down
Front
Vertical
Up
FRV–
FRV+
GND
5
10
4
LG
R
W–B
W–B
W–B
6
8
9
c23
Junction
Connector
3
W–B
9
Kc1
W–B
K1
2
M
1
c19
Front Power Seat Vertical
Position Motor Assembly LH
W–B
W–B
L
2
5
3
E2
E2
B
Lumbar Support
R
H
c16
Front Power Seat
Switch Assembly LH
1
4
W
R
2
M
1
c21
Front Lumbar Support Forward
and Back Motor Assembly LH

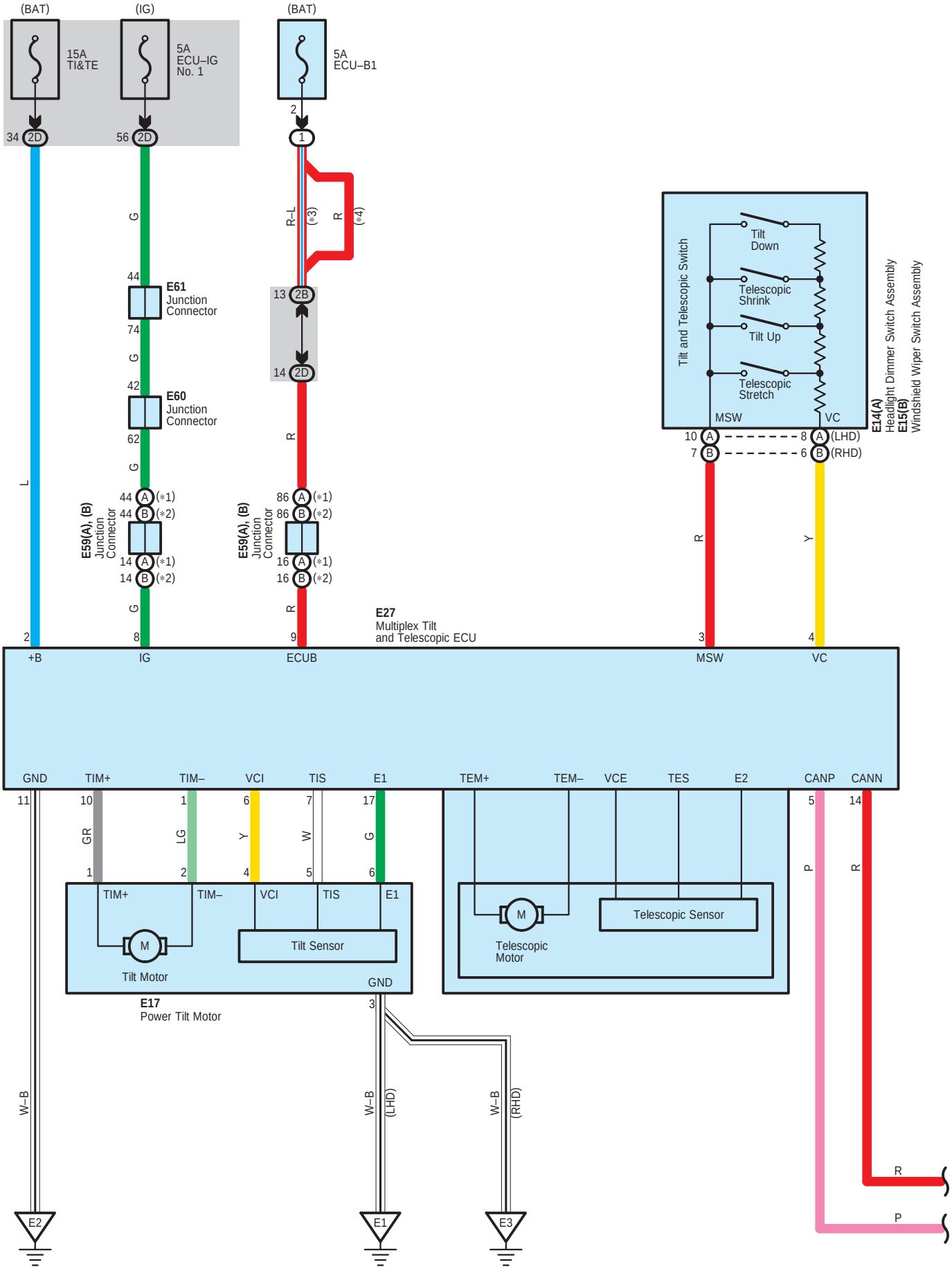

c 16
White
1 2 3 4 5
c 17
White
1 2
c 18
White
1 2
c 19
White
1 2
c 20
White
1 2
c 21
White
1 2
c 23
White
1 2 3 4 5
6 7 8 9 10 11 12
c 47
Black
1 2 3 4
5 6 7 8 9 10
2C
White
1 2 3
10 11 12
13 14 15
16 17 18
4 5 6 7 8 9
19 20 21 22 23 24
EK1
White
Blue
1 2 3 4 5
6 7 8 9 10
11 12 13
14 15
16 17
18 19
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

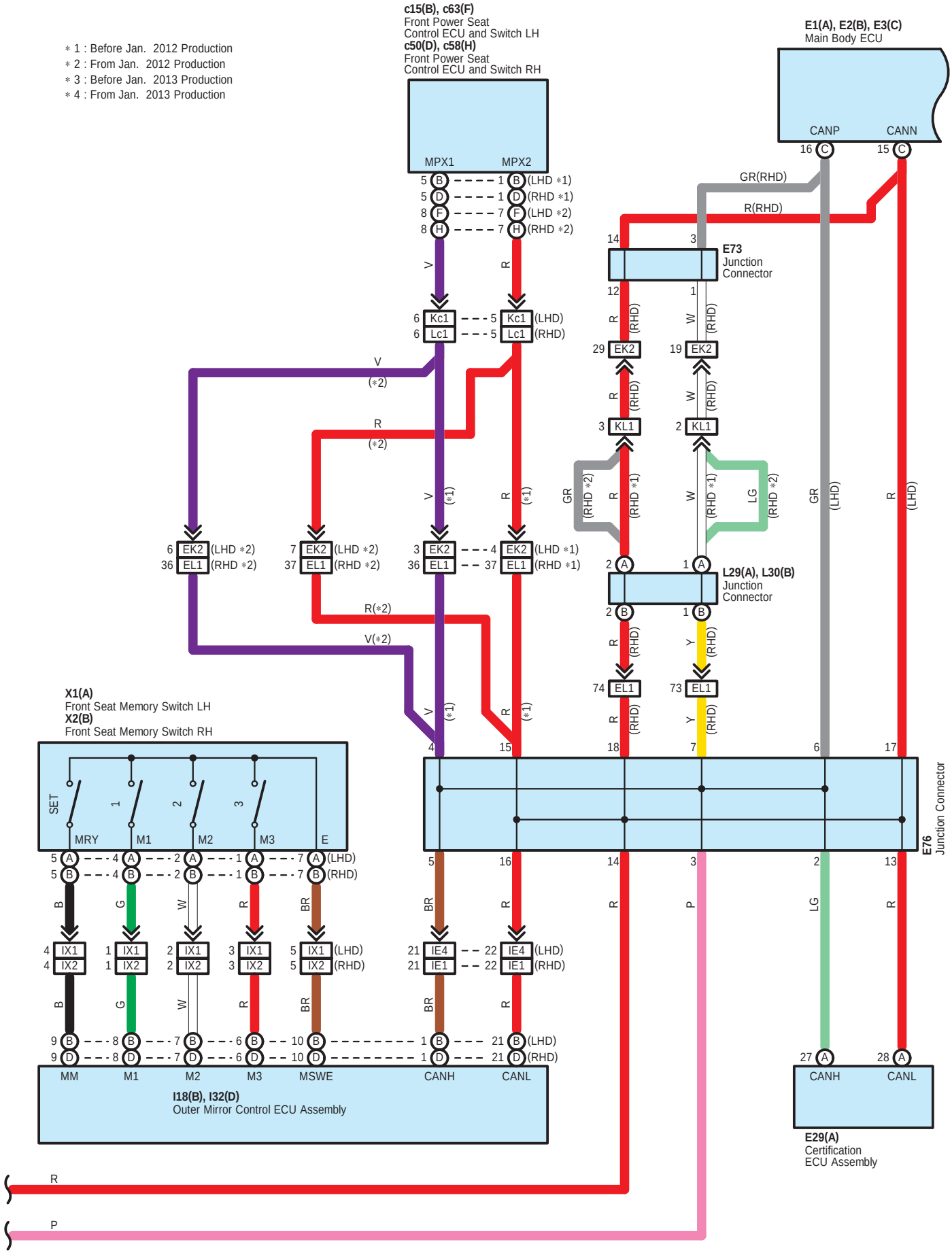

EK2
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7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

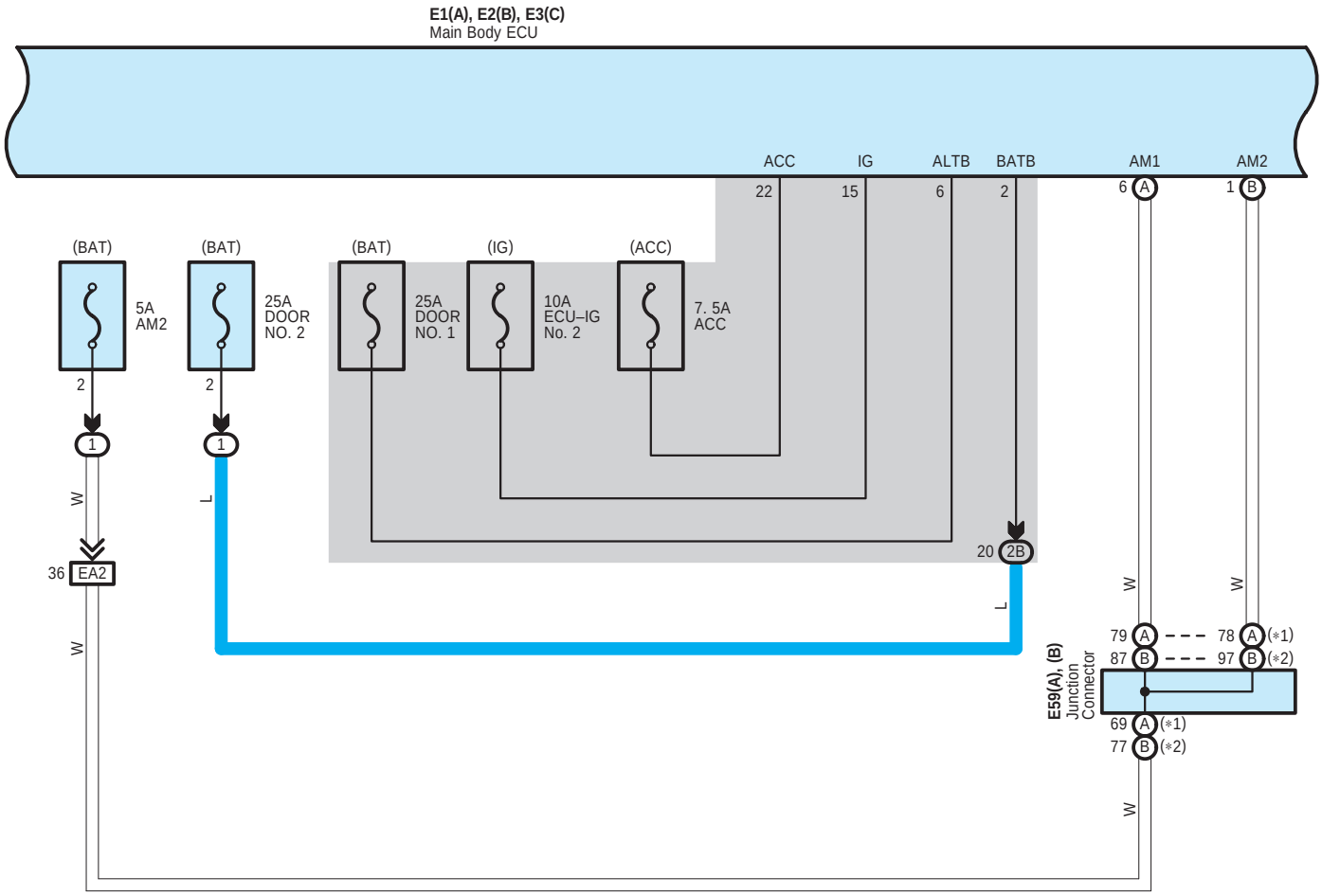

Kc1
White
1 2 3 4 5 6 7 8 9
17 10 11 12 13 14 15 16 25
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18


(BAT)
30A
RR P/SEAT
(BAT)
30A
RR P/SEAT
＊1 : w/ Heated Windshield Defroster
＊2 : w/o Heated Windshield Defroster
＊3 : Before Jan. 2013 Production
＊4 : From Jan. 2013 Production
AL1
AK3
AK2
Ld1
Kd1
W–B
L
R
G
E
E2
B
H
R
d6
Rear No. 1 Power Seat
Switch Assembly RH
d4
Rear No. 1 Power Seat
Switch Assembly LH
d5
Rear No. 1 Power Seat Slide
Position Motor Assembly RH
d3
Rear No. 1 Power Seat Slide
Position Motor Assembly LH
M
L2
K1

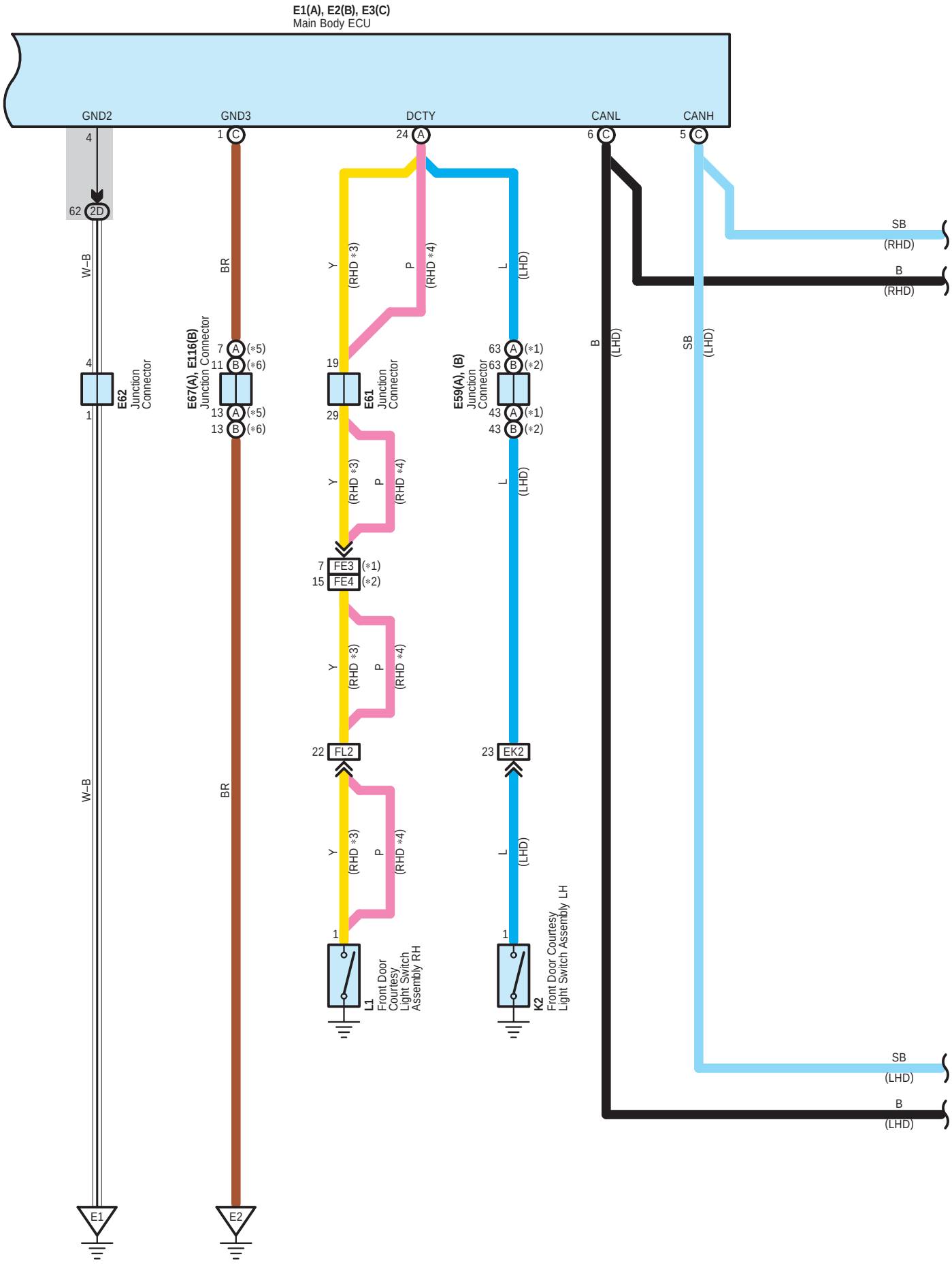

d 3
White
1 2
d 4
White
1 2 3 4 5
d 5
White
1 2
d 6
White
1 2 3 4 5
AK2
Gray
1 2 10 11 3 4 5 6 7 12 13 14 15 16 8 9 17 18
9 8 18 17 7 6 5 4 3 16 15 14 13 12 2 1 11 10
AK3
White
1 2 3 4
2 1 4 3
AL1
White
1 2 3 4 5 6 7 8
3 2 1 8 7 6 5 4
Kd1
White
1 2 3 4 5
5 4 3 2 1
Ld1
White
1 2 3 4 5
5 4 3 2 1

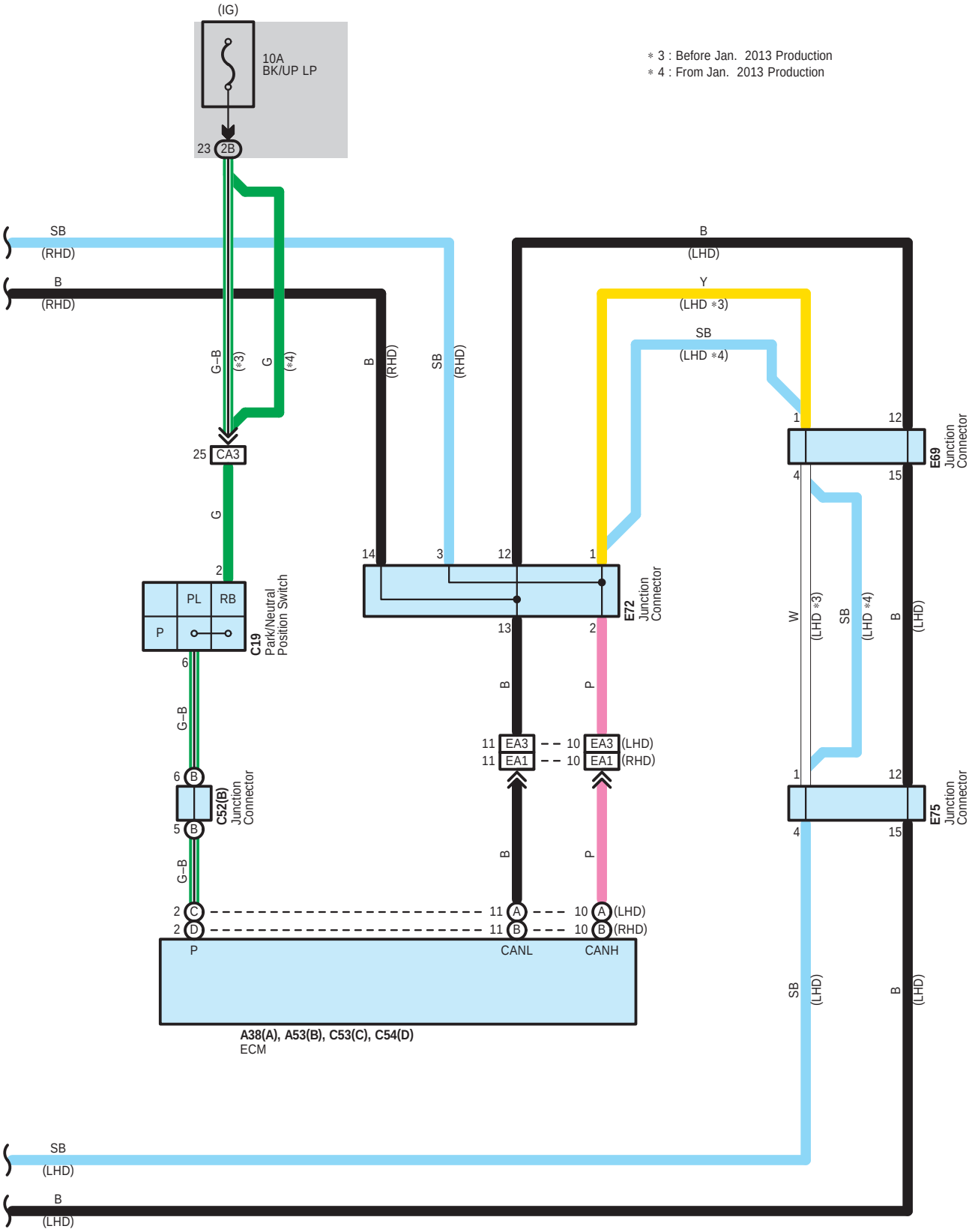

(BAT)
(IG)
(BAT)
15A
TI&TE
5A
ECU–IG
No. 1
5A
ECU–B1
34 2D
56 2D
2
1
G
R–L
(*3)
R
(*4)
44
E61
Junction
Connector
74
13 2B
14 2D
G
42
E60
Junction
Connector
62
R
G
44 A (*1)
44 B (*2)
14 A (*1)
14 B (*2)
E59(A), (B)
Junction
Connector
86 A (*1)
86 B (*2)
16 A (*1)
16 B (*2)
E59(A), (B)
Junction
Connector
L
R
G
Tilt and Telescopic Switch
Tilt
Down
Telescopic
Shrink
Tilt Up
Telescopic
Stretch
MSW
VC
10 A
7 B
8 A (LHD)
6 B (RHD)
E14(A)
Headlight Dimmer Switch Assembly
E15(B)
Windshield Wiper Switch Assembly
R
Y
2
8
9
3
4
E27
Multiplex Tilt
and Telescopic ECU
+B
IG
ECUB
MSW
VC
GND
TIM+
TIM–
VCI
TIS
E1
TEM+
TEM–
VCE
TES
E2
CANP
CANN
11
10
1
6
7
17
5
14
GR
LG
Y
W
G
P
R
1
2
4
5
6
TIM+
TIM–
VCI
TIS
E1
M
Tilt Motor
Tilt Sensor
GND
E17
Power Tilt Motor
M
Telescopic
Motor
Telescopic Sensor
3
W–B
W–B
(LHD)
W–B
(RHD)
R
P
E2
E1
E3


∗1 : Before Jan. 2012 Production
∗2 : From Jan. 2012 Production
∗3 : Before Jan. 2013 Production
∗4 : From Jan. 2013 Production
c15(B), c63(F)
Front Power Seat Control ECU and Switch LH
c50(D), c58(H)
Front Power Seat Control ECU and Switch RH
MPX1
MPX2
E1(A), E2(B), E3(C)
Main Body ECU
CANP
CANN
GR(RHD)
R(RHD)
E73
Junction Connector
L29(A), L30(B)
Junction Connector
E76
Junction Connector
X1(A)
Front Seat Memory Switch LH
X2(B)
Front Seat Memory Switch RH
SET
MRY
M1
M2
M3
E
I18(B), I32(D)
Outer Mirror Control ECU Assembly
MM
MSWE
CANH
CANL
E29(A)
Certification ECU Assembly
(LHD)
(RHD)
(LHD ∗1)
(RHD ∗1)
(LHD ∗2)
(RHD ∗2)
V(∗2)
R(∗2)
R
P

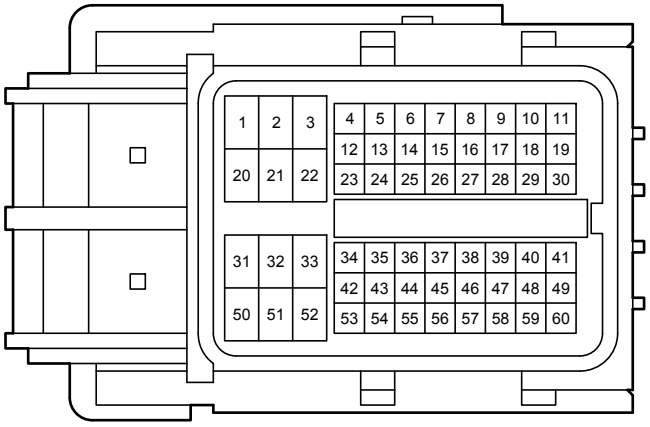



* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production
* 3 : Before Jan. 2013 Production
* 4 : From Jan. 2013 Production
* 5 : RHD, LHD Before Aug. 2013 Production
* 6 : LHD From Aug. 2013 Production

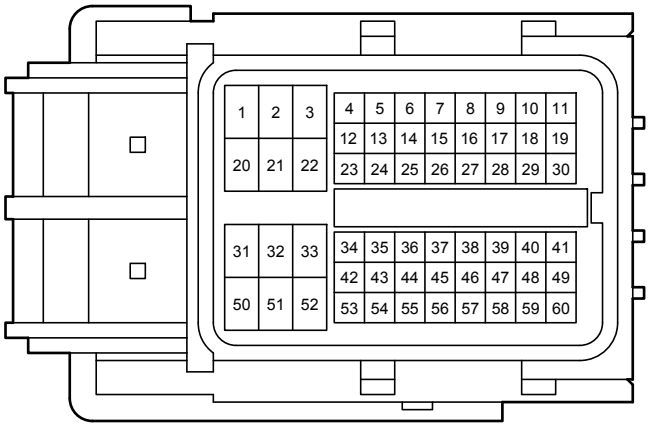

E1(A), E2(B), E3(C)
Main Body ECU
GND2
GND3
DCTY
CANL
CANH
4
62 2D
1 C
24 A
6 C
5 C
W–B
BR
Y (RHD *3)
P (RHD *4)
L (LHD)
B (LHD)
SB (LHD)
SB (RHD)
B (RHD)
E62 Junction Connector
E67(A), E116(B) Junction Connector
E61 Junction Connector
E59(A), (B) Junction Connector
7 A (*5)
11 B (*6)
13 A (*5)
13 B (*6)
19
29
63 A (*1)
63 B (*2)
43 A (*1)
43 B (*2)
7 FE3 (*1)
15 FE4 (*2)
22 FL2
23 EK2
1
L1 Front Door Courtesy Light Switch Assembly RH
K2 Front Door Courtesy Light Switch Assembly LH
E1
E2


(IG)
10A
BK/UP LP
23 2B
∗ 3 : Before Jan. 2013 Production
∗ 4 : From Jan. 2013 Production
SB
(RHD)
B
(RHD)
G–B
(∗3)
G
(∗4)
B
(RHD)
SB
(RHD)
B
(LHD)
Y
(LHD ∗3)
SB
(LHD ∗4)
25 CA3
G
2
PL
RB
P
C19
Park/Neutral
Position Switch
6
G–B
6 B
5 B
C52(B)
Junction
Connector
G–B
2 C
2 D
P
14
3
12
1
13
2
E72
Junction
Connector
B
P
11 EA3
11 EA1
10 EA3 (LHD)
10 EA1 (RHD)
B
P
11 A
11 B
10 A (LHD)
10 B (RHD)
CANL
CANH
A38(A), A53(B), C53(C), C54(D)
ECM
1
12
4
15
E69
Junction
Connector
W
(LHD ∗3)
SB
(LHD ∗4)
B
(LHD)
1
12
4
15
E75
Junction
Connector
SB
(LHD)
B
(LHD)
SB
(LHD)
B
(LHD)

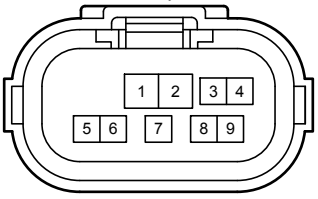
A 38
Black



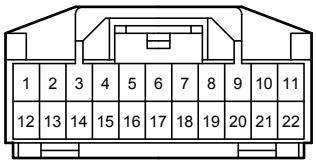

A 53
Black



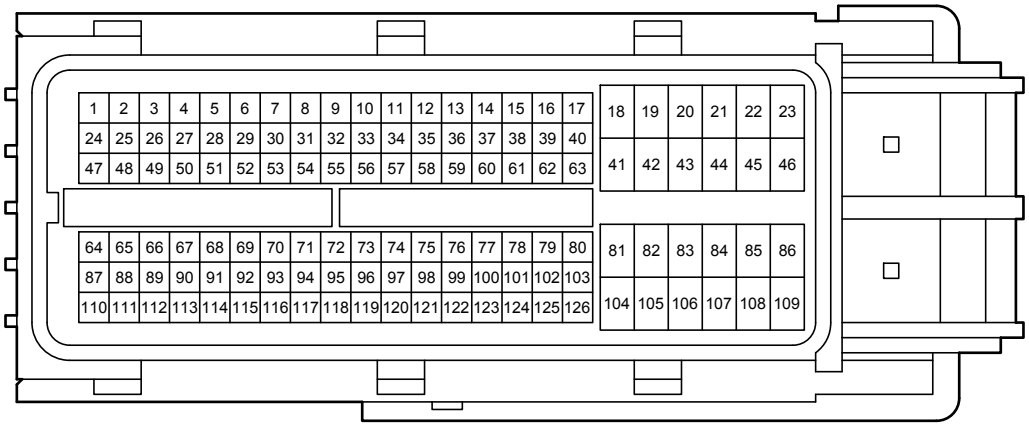

C 19
Gray



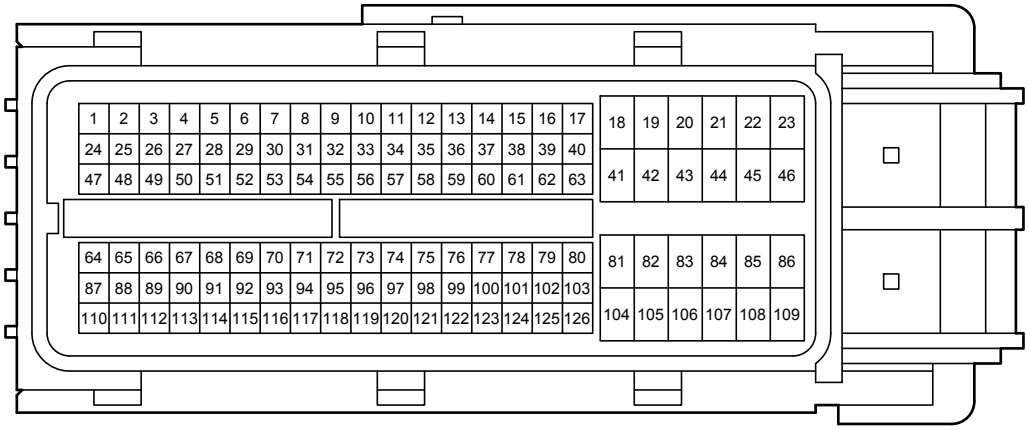

C 52
Blue



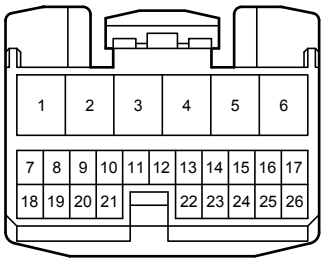

C 53
Black



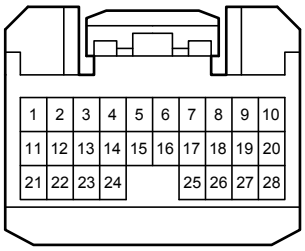
C 54
Black



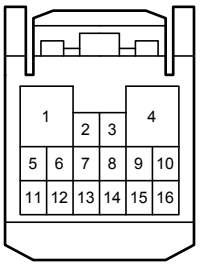

E 1
White



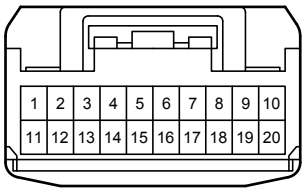

E 2
White



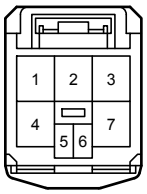

E 3
White



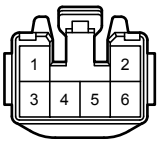

E 14
White



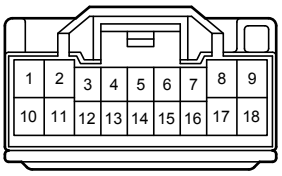

E 15
White



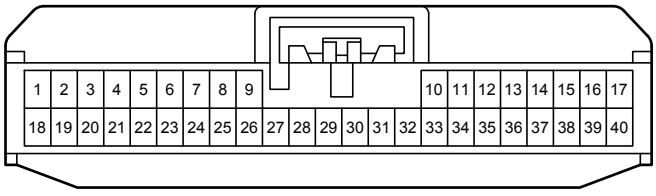

E 17
White



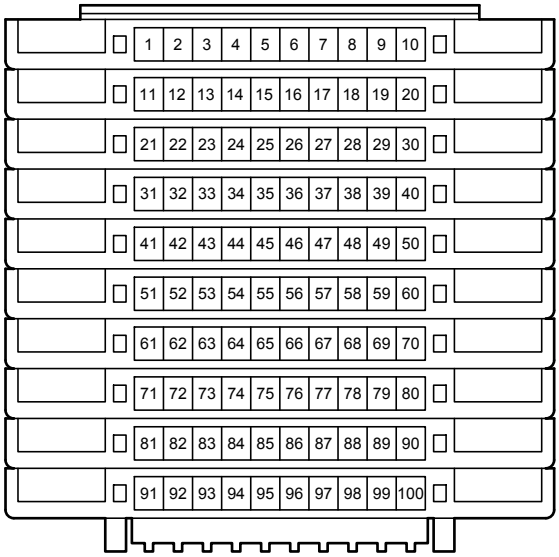

E 27
White



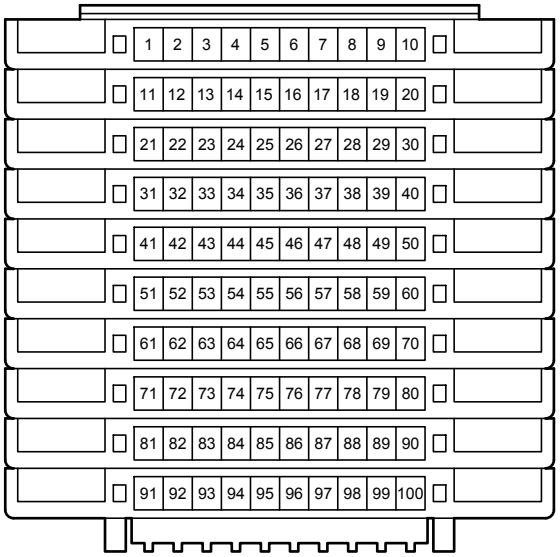

E 29
White



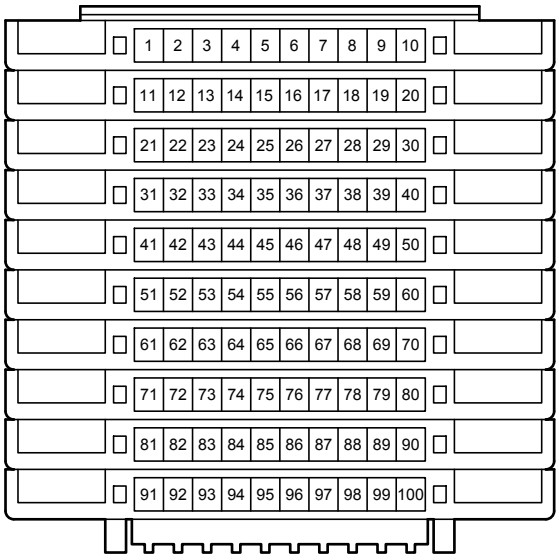
E 59
White



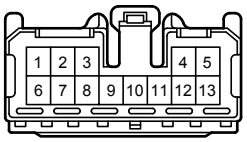

E 60
White



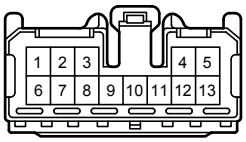

E 61
White



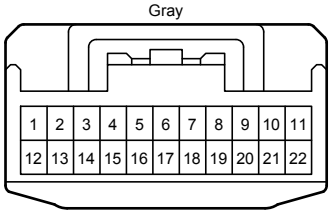

E 62
White



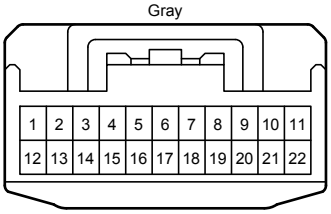

E 67
White



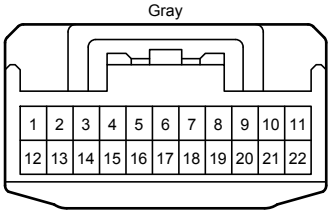

E 69
Gray



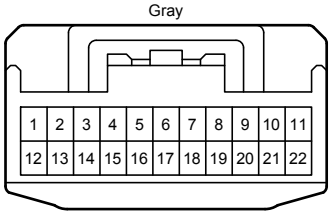

E 72
Gray



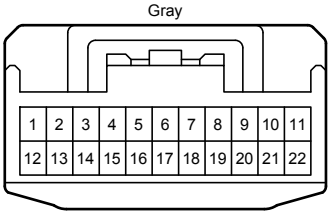

E 73
Gray



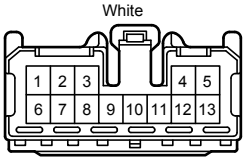

E 75
Gray



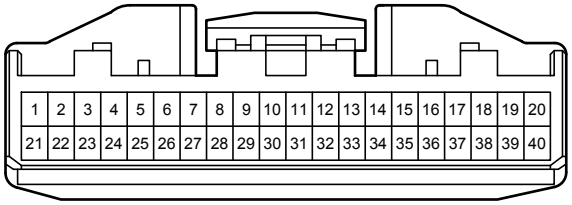

E 76
Gray



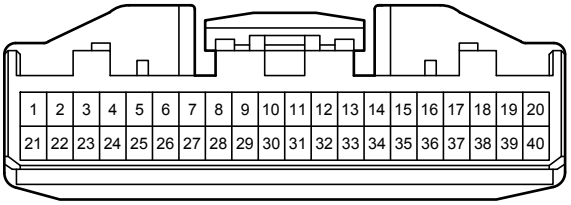

E116
White



I 18
White




I 32
White



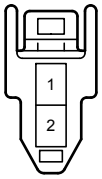

K 2
White



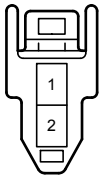

L 1
White



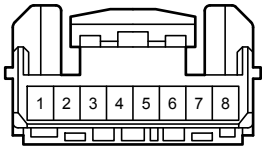

L 29
White



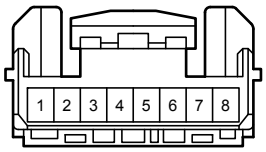

L 30
White



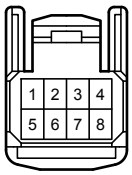

X 1
White



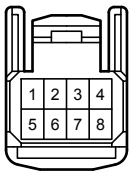

X 2
White



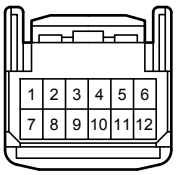

c 15
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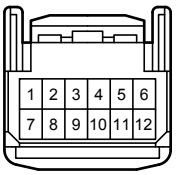

c 50
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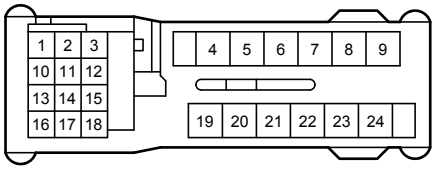

c 58
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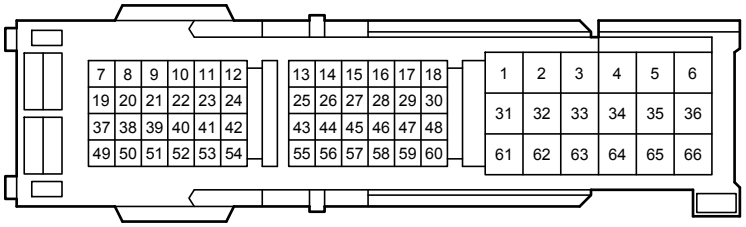

c 63
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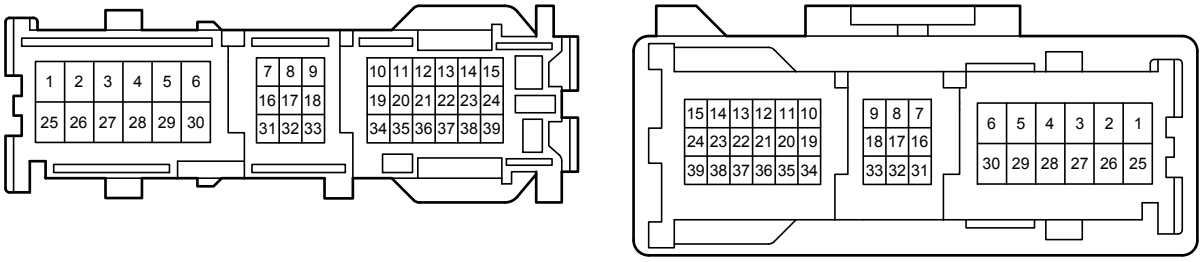

2B
White




2D
White

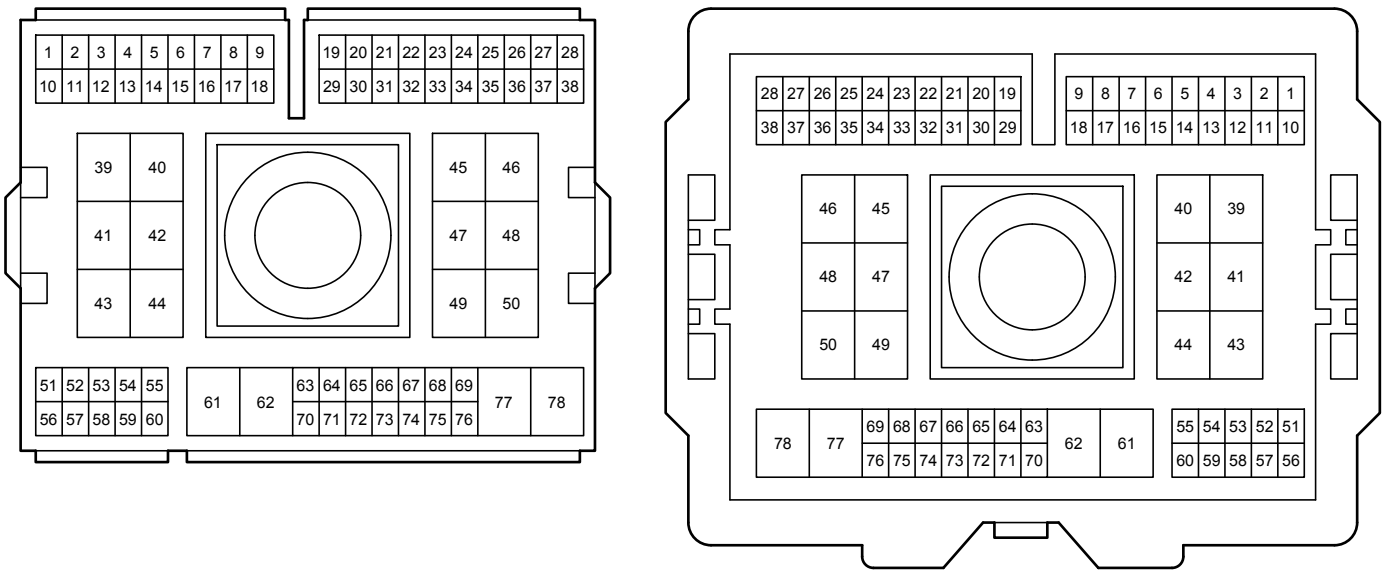



CA3
White



EA1

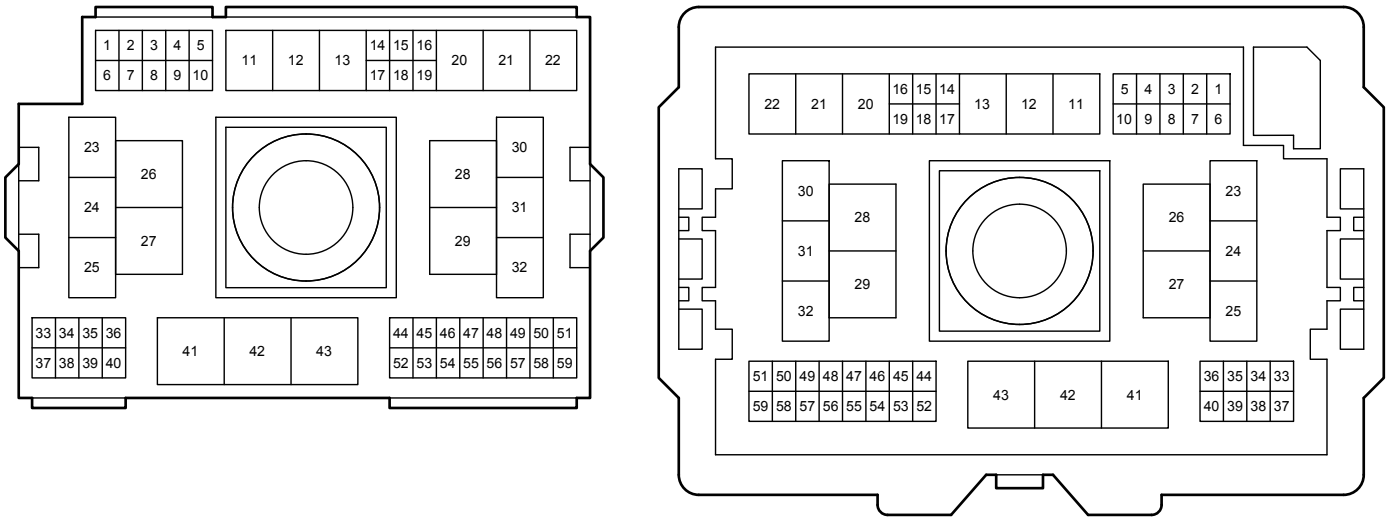
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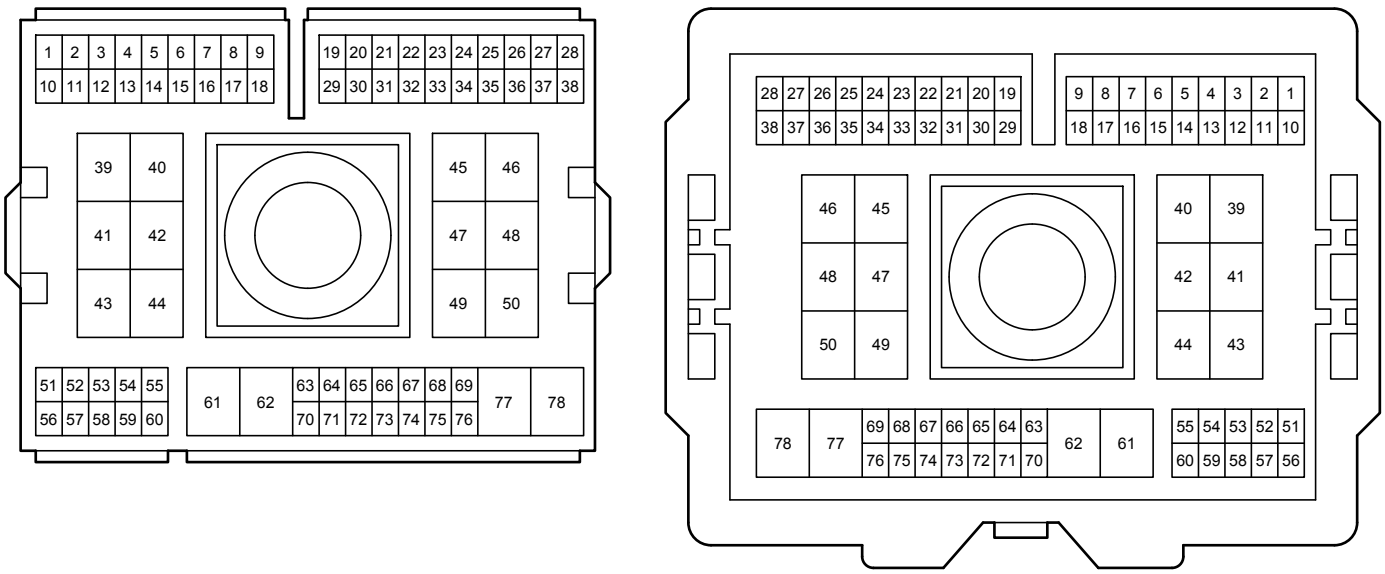

EA2

White

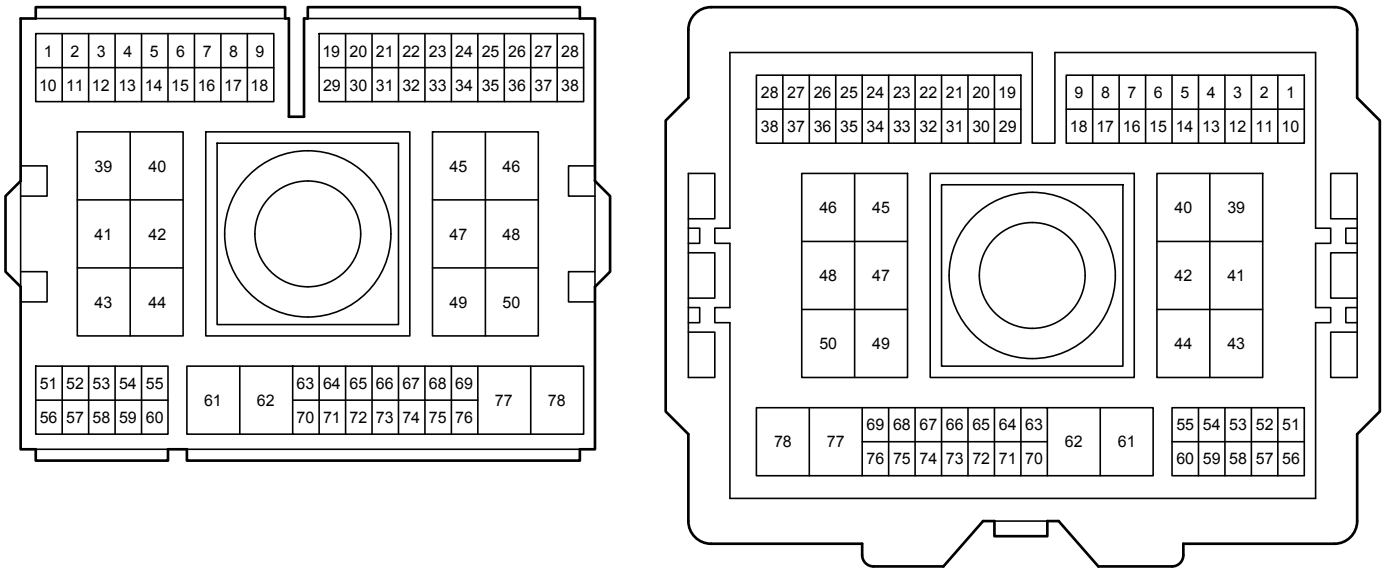
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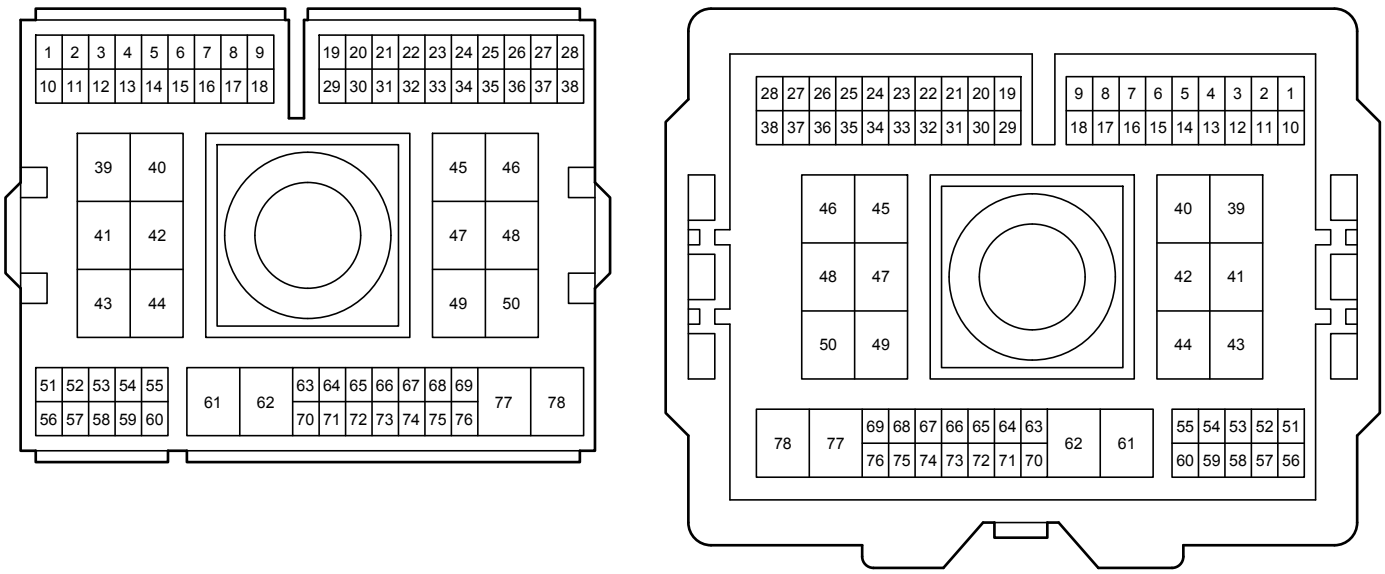
EA3
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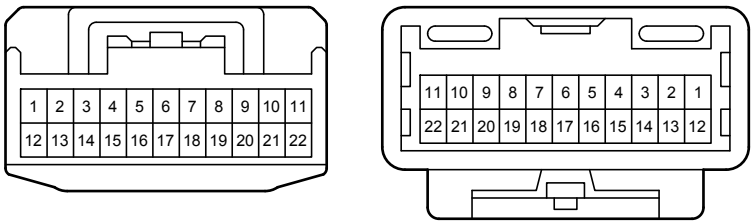

EK2
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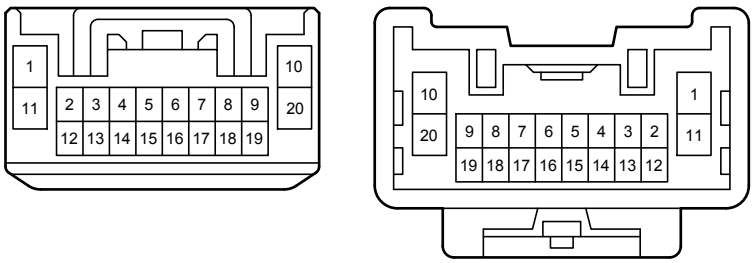
EL1
White



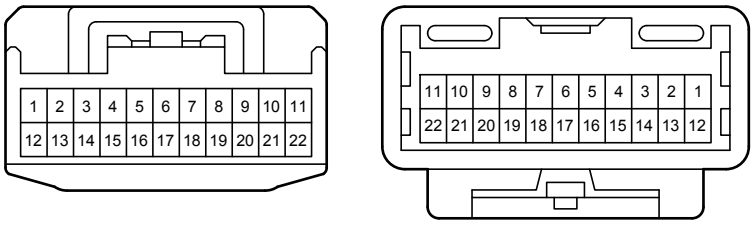

FE3
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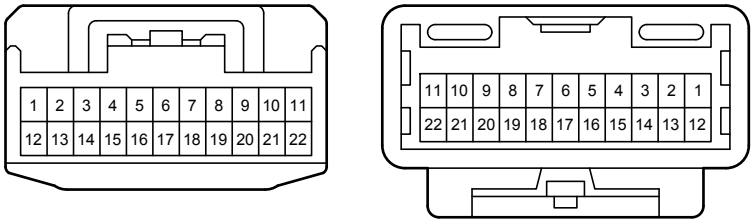

FE4
White



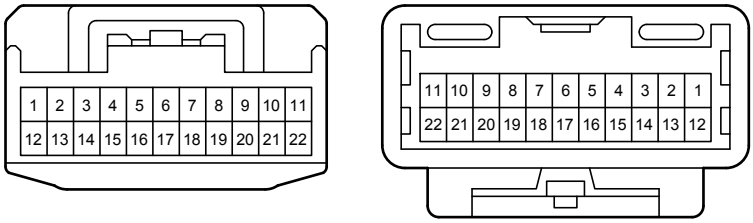

FL2
Blue



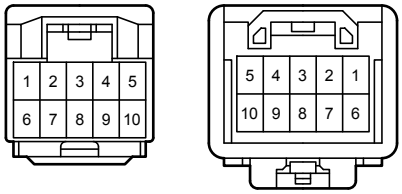
IE1
Gray



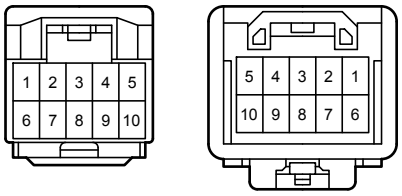

IE4
Gray



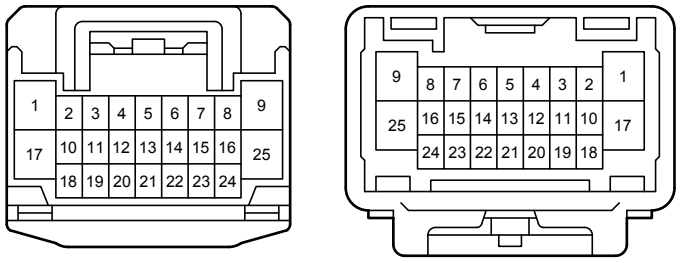

IX1
White



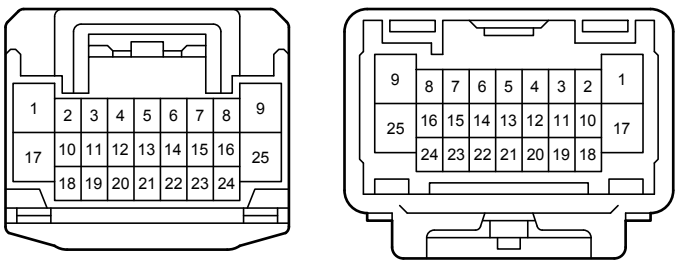

IX2
White



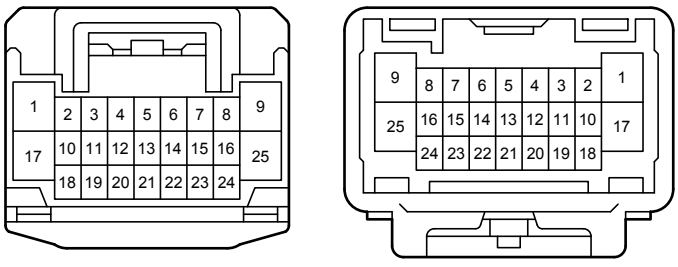

KL1
White

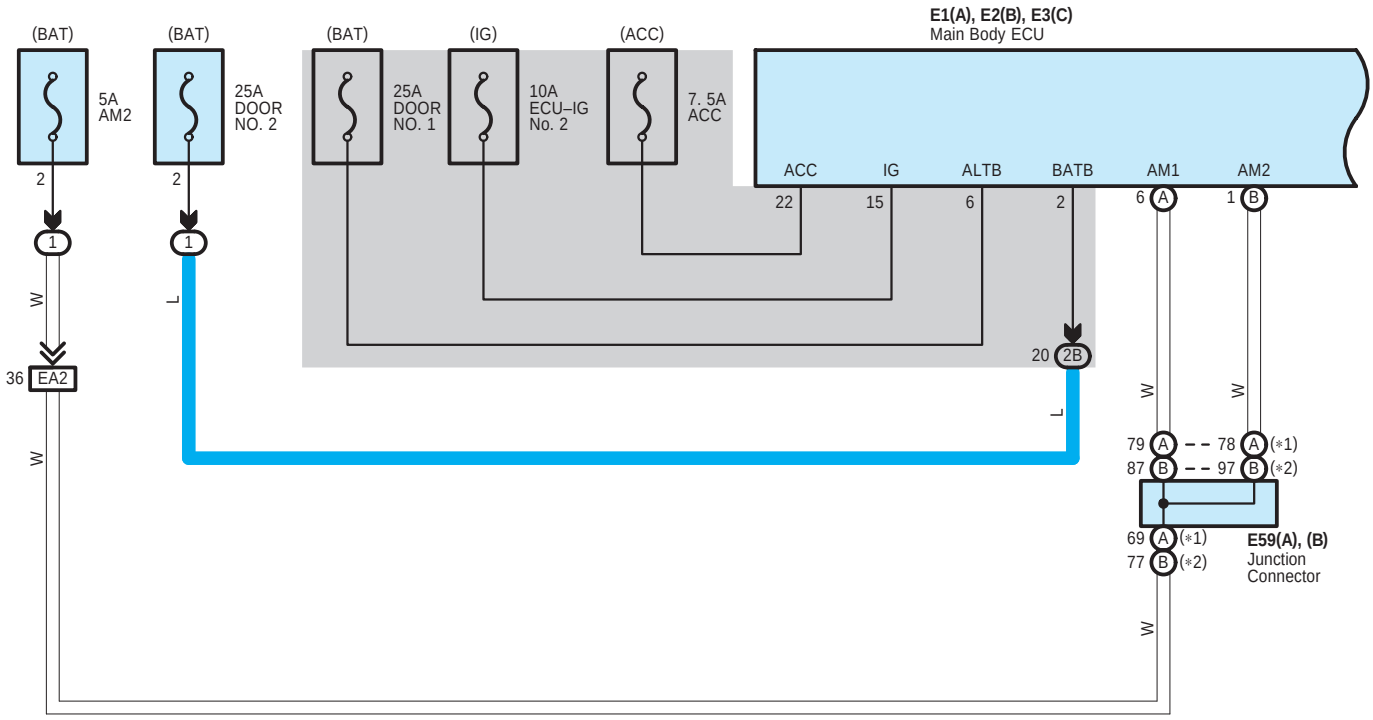



Kc1
White

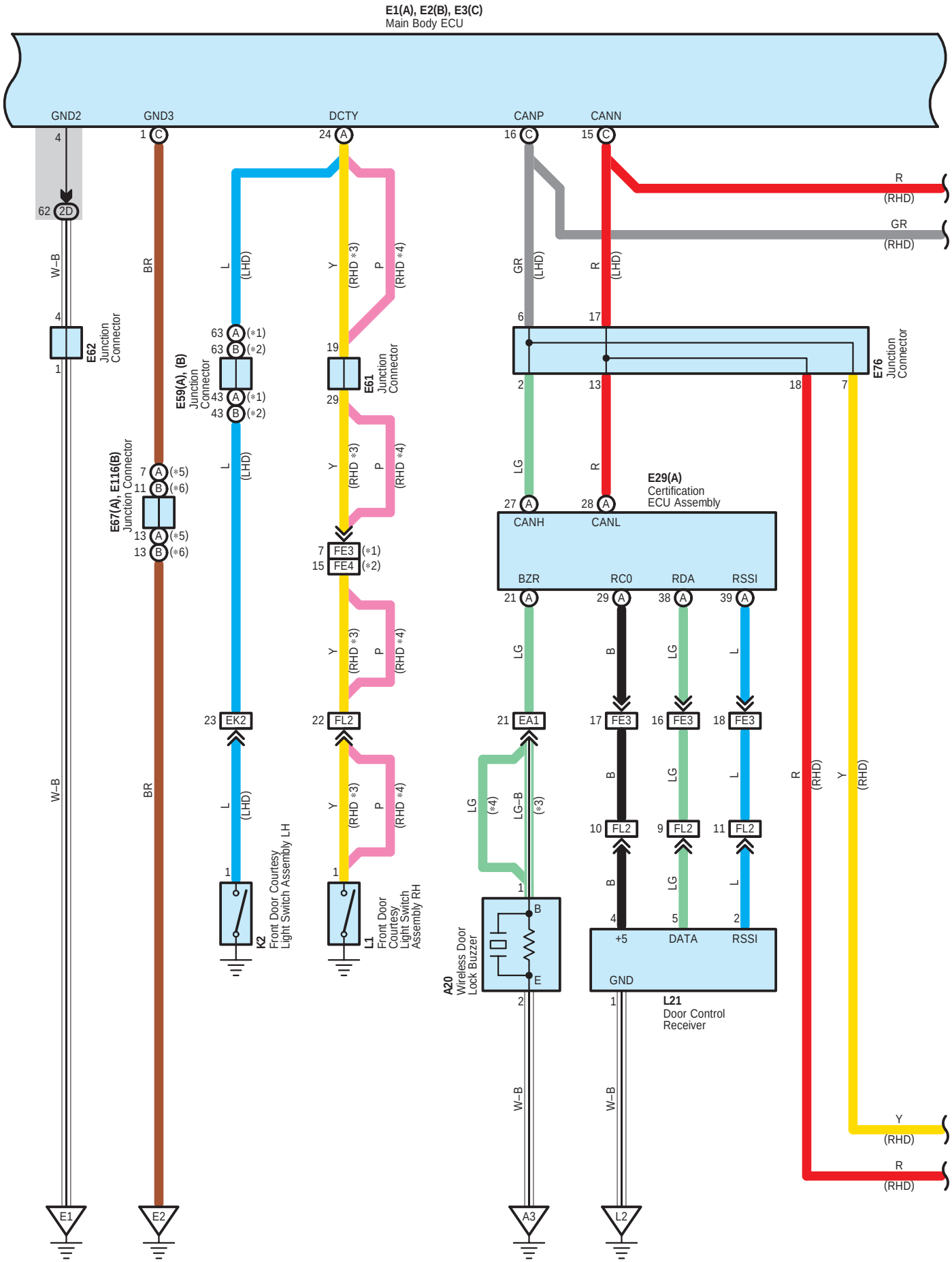


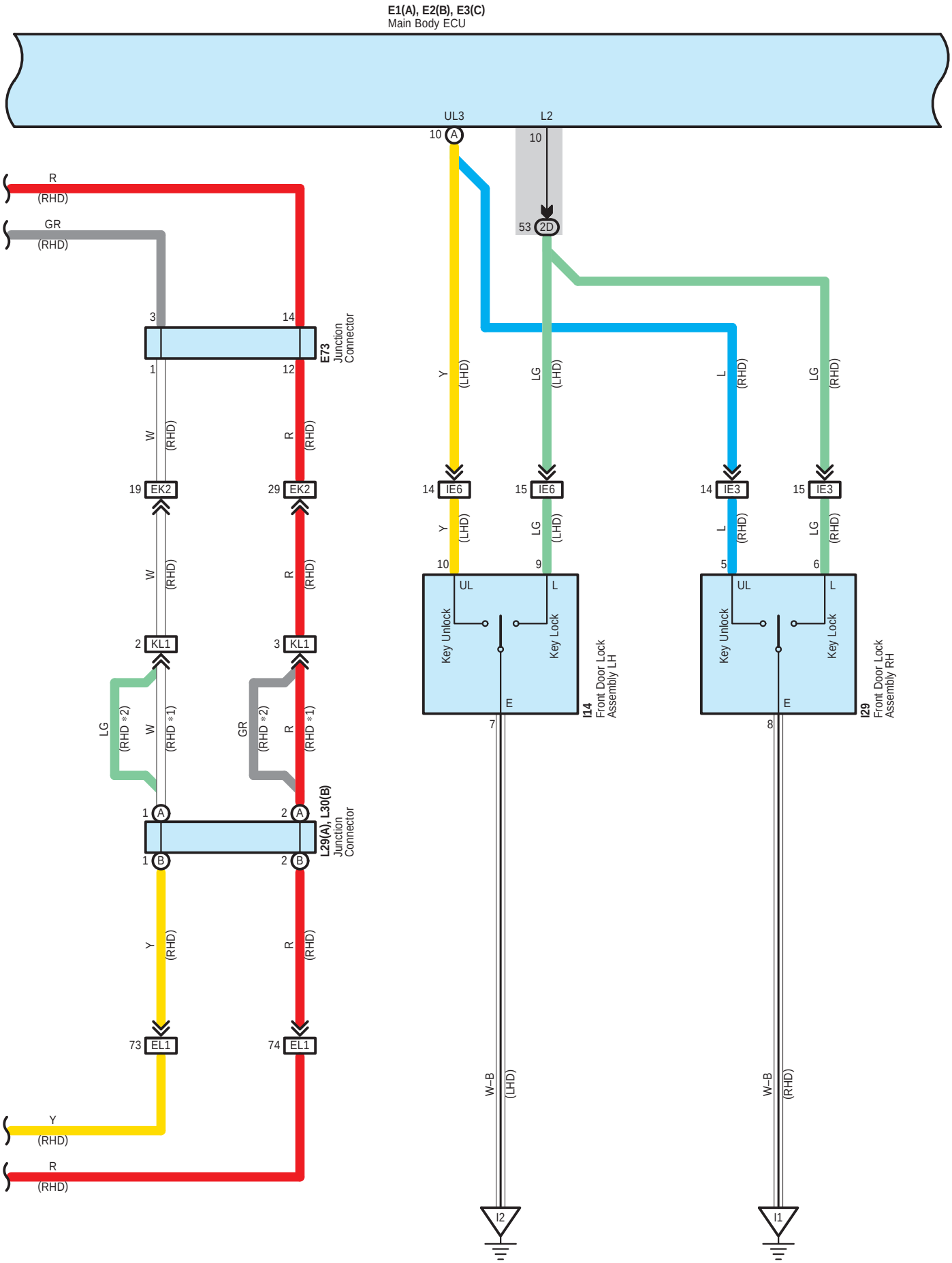

Lc1
White

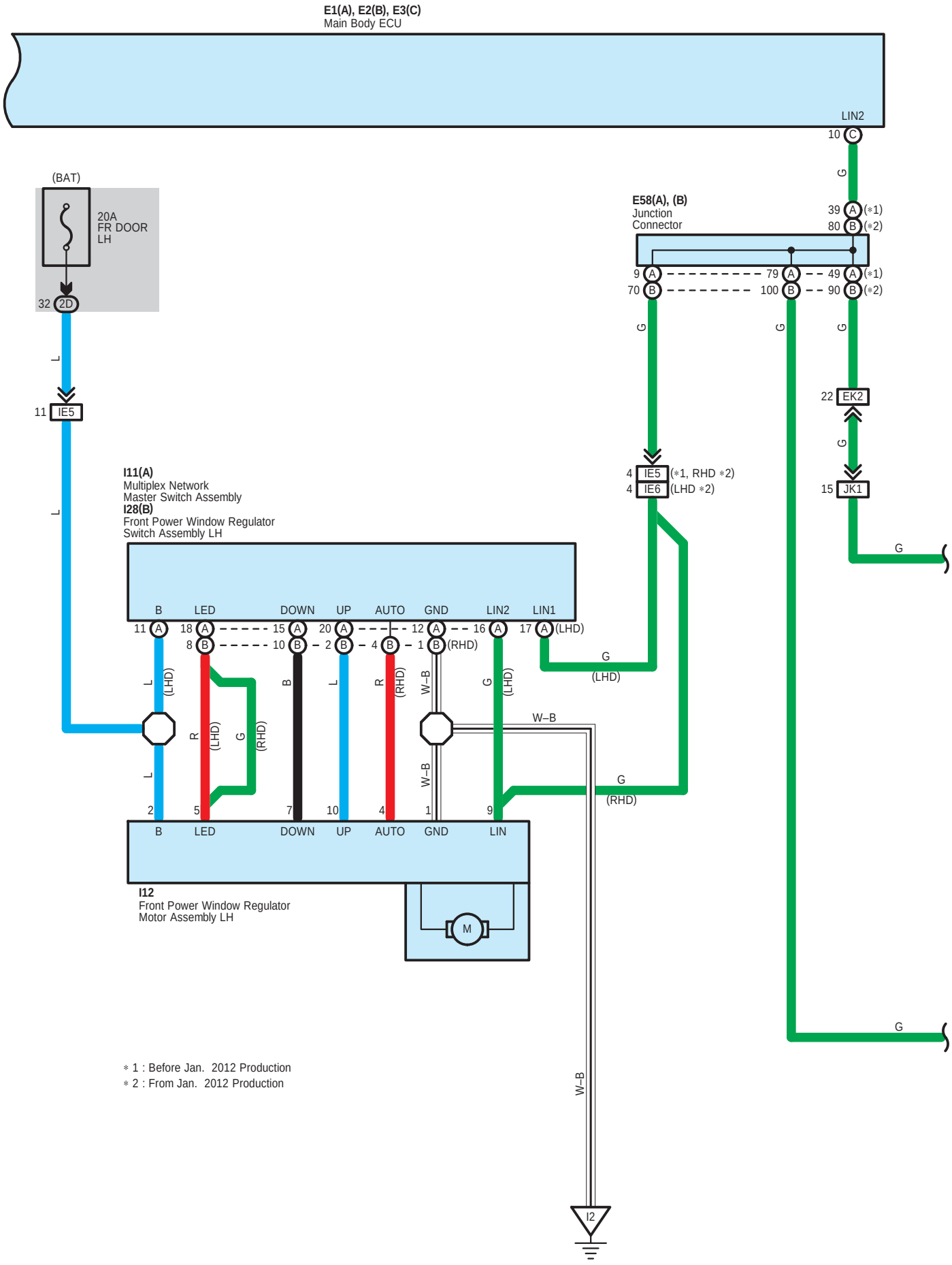


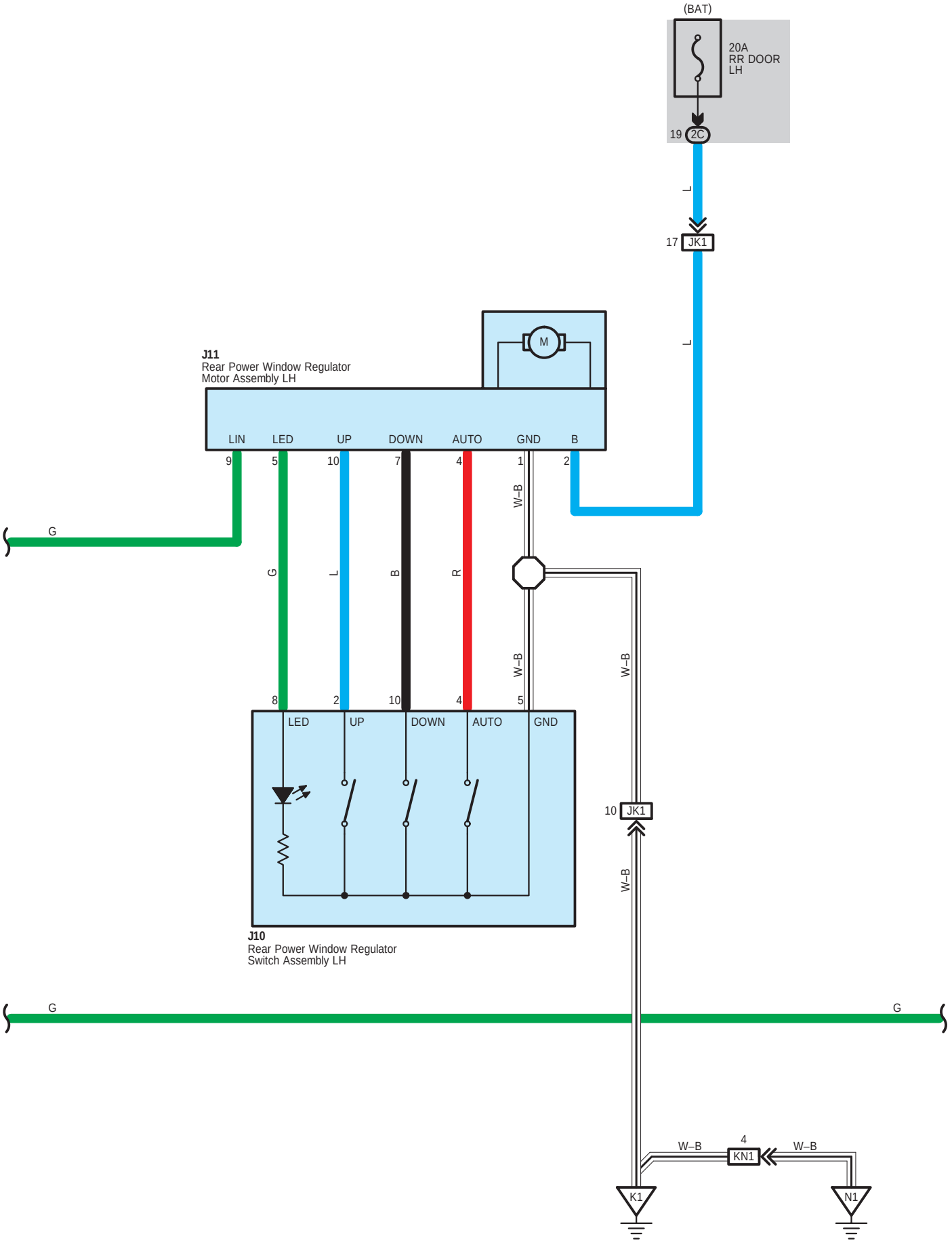


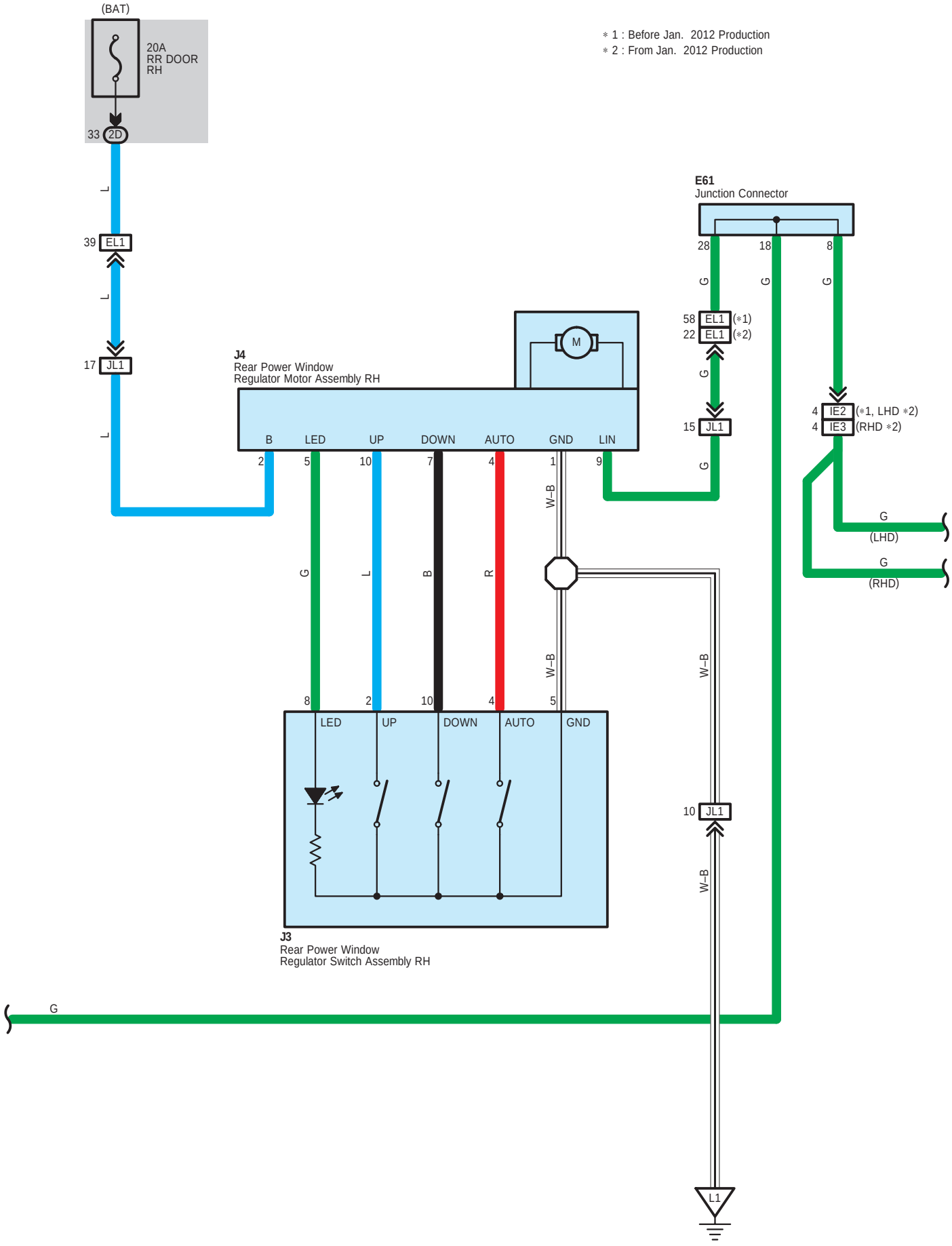

* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production
* 3 : Before Jan. 2013 Production
* 4 : From Jan. 2013 Production
* 5 : RHD, LHD Before Aug. 2013 Production
* 6 : LHD From Aug. 2013 Production

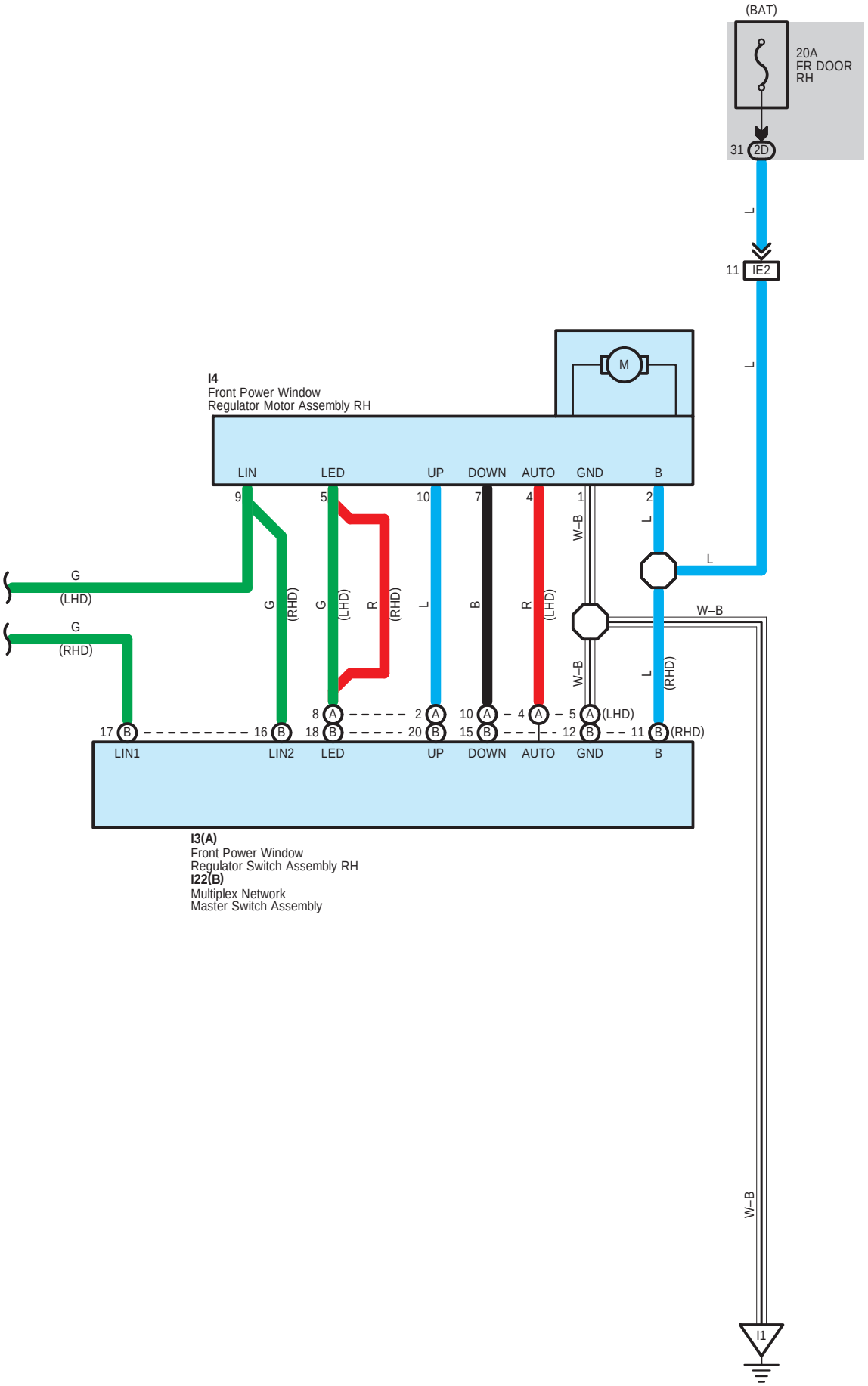

E1(A), E2(B), E3(C)
Main Body ECU
GND2
GND3
DCTY
CANP
CANN
E62 Junction Connector
E59(A), (B) Junction Connector
E67(A), E116(B) Junction Connector
E61 Junction Connector
E76 Junction Connector
E29(A) Certification ECU Assembly
CANH
CANL
BZR
RC0
RDA
RSSI
K2 Front Door Courtesy Light Switch Assembly LH
L1 Front Door Courtesy Light Switch Assembly RH
A20 Wireless Door Lock Buzzer
L21 Door Control Receiver
+5
DATA
RSSI
GND
E1
E2
A3
L2
(RHD)
(LHD)
(*1)
(*2)
(*3)
(*4)
(*5)
(*6)


E1(A), E2(B), E3(C)
Main Body ECU
UL3
L2
10 A
10
53 2D
R
(RHD)
GR
(RHD)
3
14
E73
Junction Connector
1
12
W
(RHD)
R
(RHD)
19 EK2
29 EK2
W
(RHD)
R
(RHD)
2 KL1
3 KL1
LG
(RHD *2)
W
(RHD *1)
GR
(RHD *2)
R
(RHD *1)
1 A
2 A
L29(A), L30(B)
Junction Connector
1 B
2 B
Y
(RHD)
R
(RHD)
73 EL1
74 EL1
Y
(RHD)
R
(RHD)
Y
(LHD)
LG
(LHD)
L
(RHD)
LG
(RHD)
14 IE6
15 IE6
14 IE3
15 IE3
Y
(LHD)
LG
(LHD)
L
(RHD)
LG
(RHD)
10
9
5
6
UL
L
Key Unlock
Key Lock
E
I14
Front Door Lock Assembly LH
I29
Front Door Lock Assembly RH
7
8
W-B
(LHD)
W-B
(RHD)
I2
I1

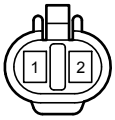

E1(A), E2(B), E3(C)
Main Body ECU
LIN2
10 C
G
(BAT)
20A
FR DOOR
LH
32 2D
L
11 IE5
L
E58(A), (B)
Junction
Connector
39 A (*1)
80 B (*2)
9 A
70 B
79 A
100 B
49 A (*1)
90 B (*2)
G
22 EK2
15 JK1
4 IE5 (*1, RHD *2)
4 IE6 (LHD *2)
I11(A)
Multiplex Network
Master Switch Assembly
I28(B)
Front Power Window Regulator
Switch Assembly LH
B
LED
DOWN
UP
AUTO
GND
LIN2
LIN1
11 A
8 B
18 A
15 A
10 B
20 A
2 B
12 A
4 B
1 B (RHD)
16 A
17 A (LHD)
L (LHD)
R (LHD)
G (RHD)
B
L
R (RHD)
W–B
G (LHD)
G (LHD)
G (RHD)
W–B
W–B
2
5
7
10
4
1
9
B
LED
DOWN
UP
AUTO
GND
LIN
I12
Front Power Window Regulator
Motor Assembly LH
M
W–B
I2
* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production


(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
W–B
G
L
B
R
W–B
W–B
8
2
10
4
5
LED
UP
DOWN
AUTO
GND
10 JK1
W–B
J10
Rear Power Window Regulator
Switch Assembly LH
G
G
W–B
4
KN1
W–B
K1
N1

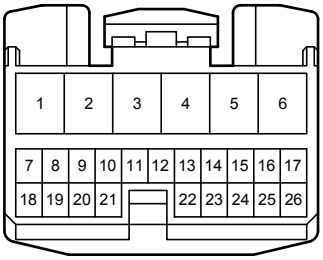

(BAT)
20A
RR DOOR
RH
33 2D
L
39 EL1
L
17 JL1
L
J4
Rear Power Window
Regulator Motor Assembly RH
M
B LED UP DOWN AUTO GND LIN
2 5 10 7 4 1 9
G L B R W-B
8 2 10 4 5
LED UP DOWN AUTO GND
J3
Rear Power Window
Regulator Switch Assembly RH
E61
Junction Connector
28 18 8
G G G
58 EL1 (*1)
22 EL1 (*2)
G
15 JL1
G
4 IE2 (*1, LHD *2)
4 IE3 (RHD *2)
G
(LHD)
G
(RHD)
W-B
10 JL1
W-B
L1
G
* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production


(BAT)
20A
FR DOOR
RH
31 2D
L
11 IE2
L
M
I4
Front Power Window
Regulator Motor Assembly RH
LIN
LED
UP
DOWN
AUTO
GND
B
9
5
10
7
4
1
2
W–B
L
L
G
(LHD)
G
(RHD)
G
(RHD)
G
(LHD)
R
(RHD)
L
B
R
(LHD)
W–B
W–B
L
(RHD)
8 A
2 A
10 A
4 A
5 A (LHD)
17 B
16 B
18 B
20 B
15 B
12 B
11 B (RHD)
LIN1
LIN2
LED
UP
DOWN
AUTO
GND
B
W–B
I1
I3(A)
Front Power Window
Regulator Switch Assembly RH
I22(B)
Multiplex Network
Master Switch Assembly

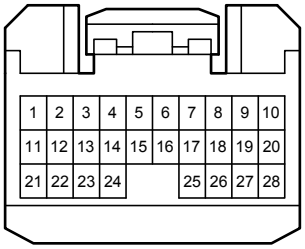
A 20
Black



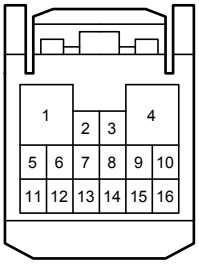

E 1
White



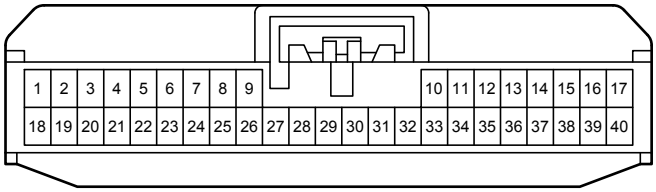

E 2
White



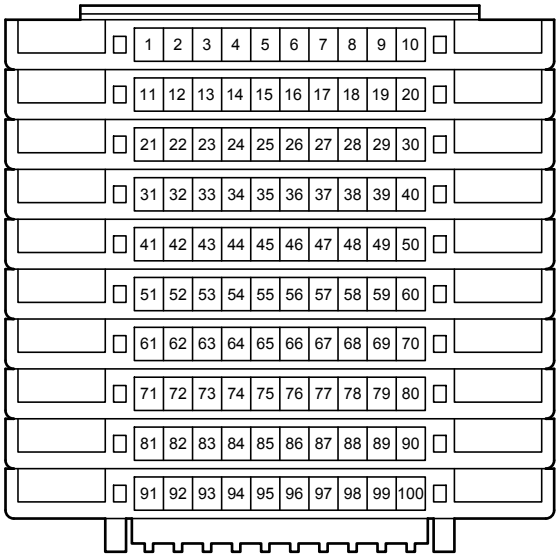

E 3
White



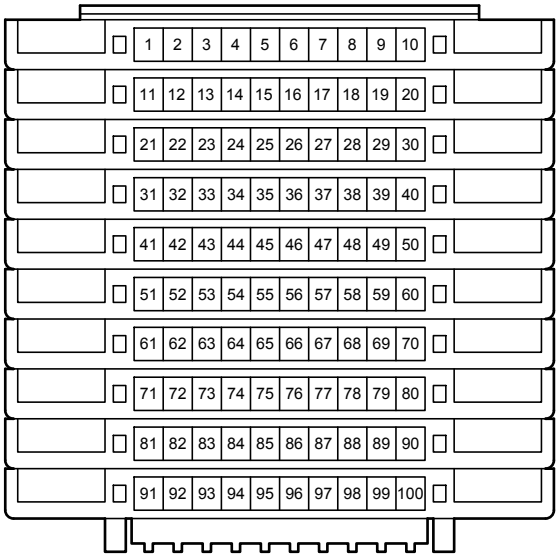

E 29
White



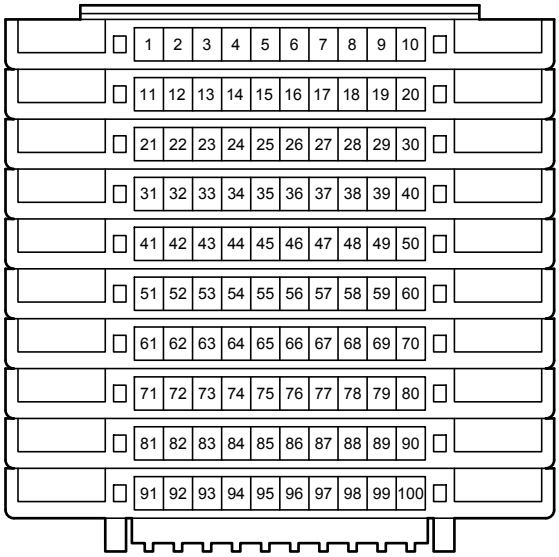

E 58
White



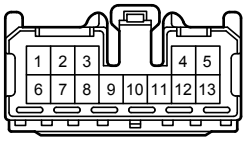

E 59
White



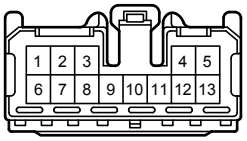
E 61
White



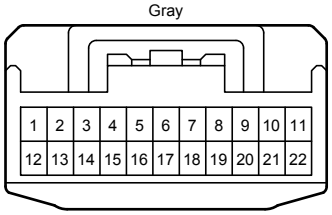

E 62
White



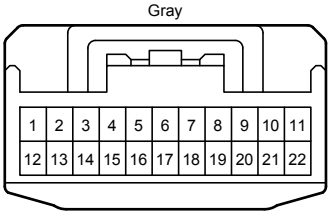

E 67
White



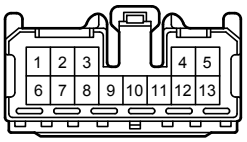

E 73
Gray



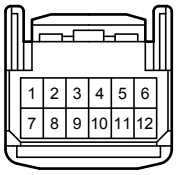

E 76
Gray



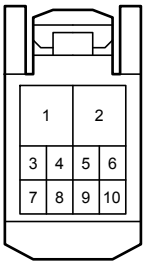

E116
White



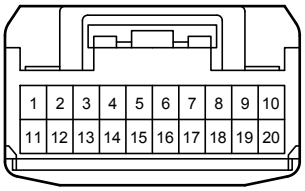

I 3
White



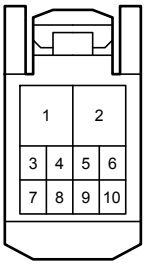

I 4
White



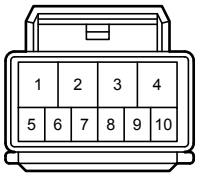

I 11
White



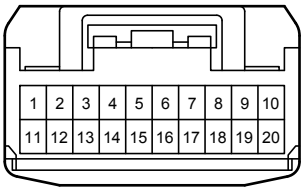

I 12
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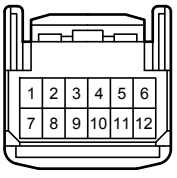

I 14
White



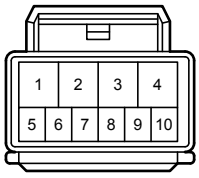

I 22
White



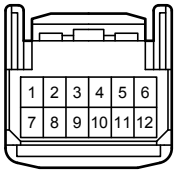

I 28
White



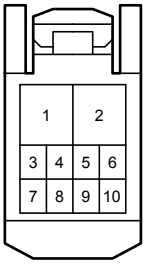

I 29
White



J 3
White



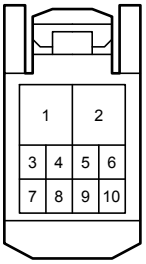

J 4
White




J 10
White




J 11
White



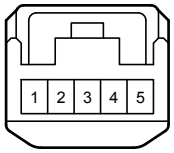

K 2
White



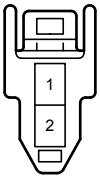

L 1
White



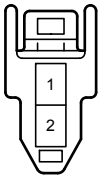

L 21
White



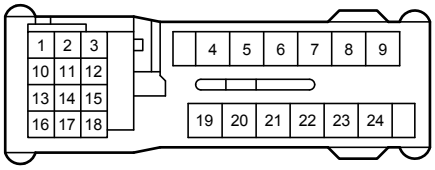

L 29
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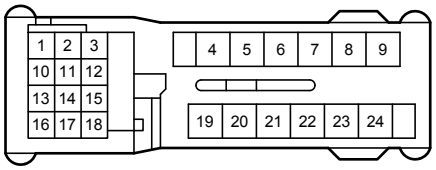

L 30
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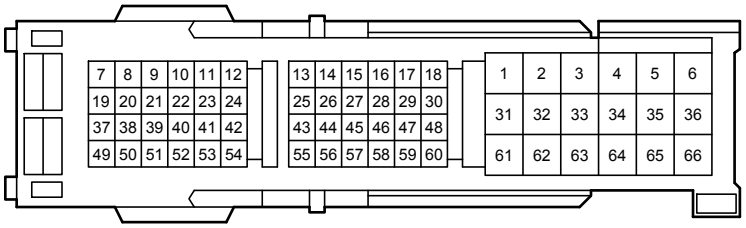

2B
White



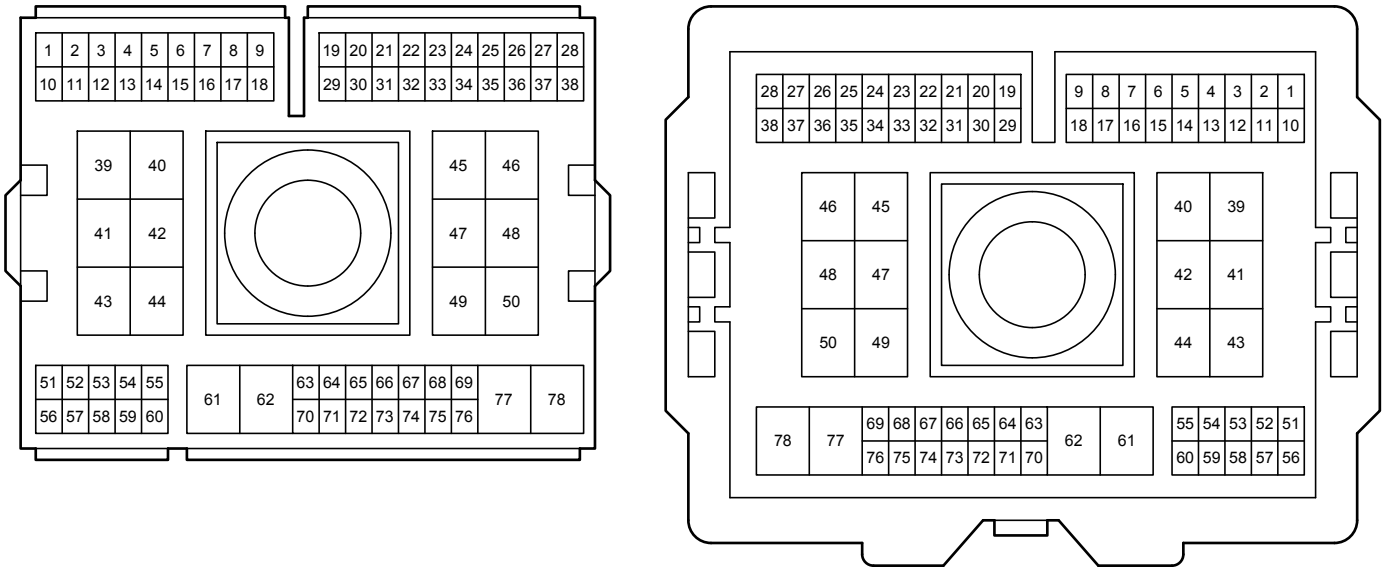

2C
White




2D
White

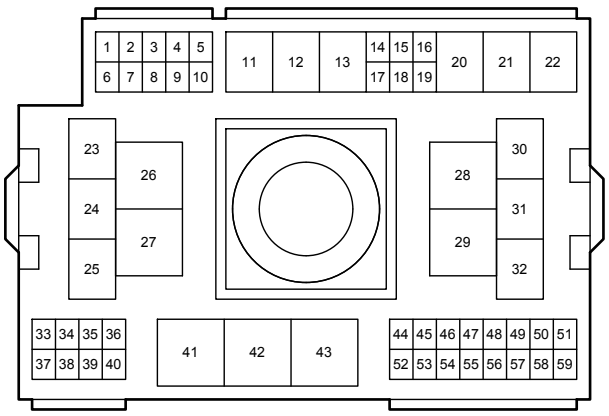



EA1
White

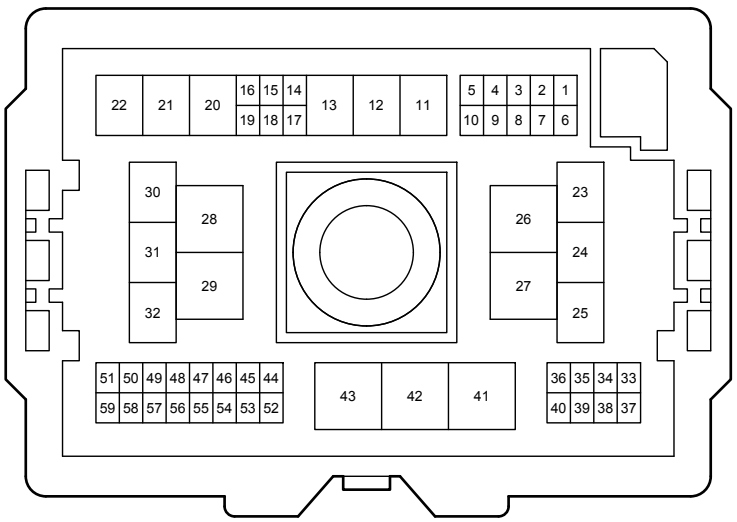


EA2

White

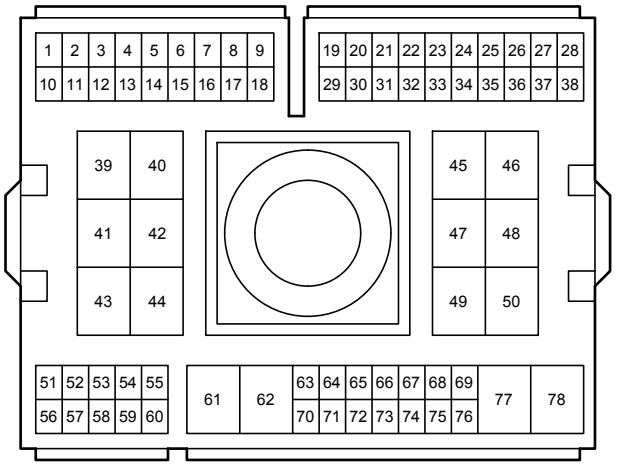


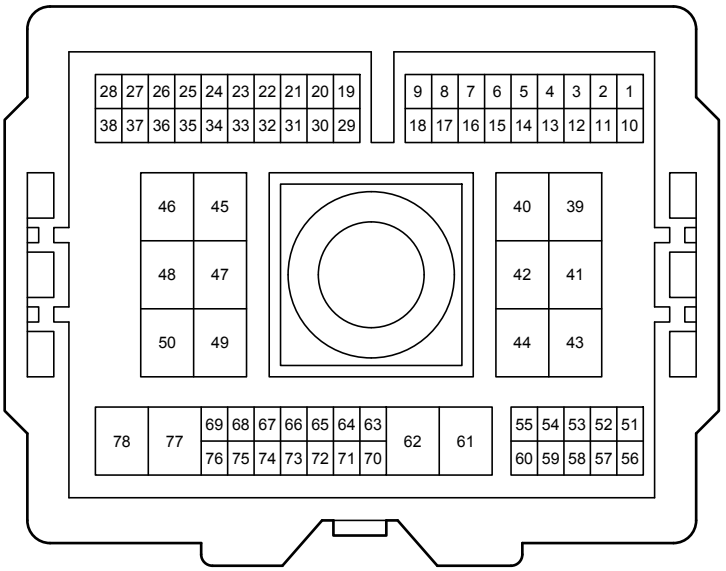

Gray



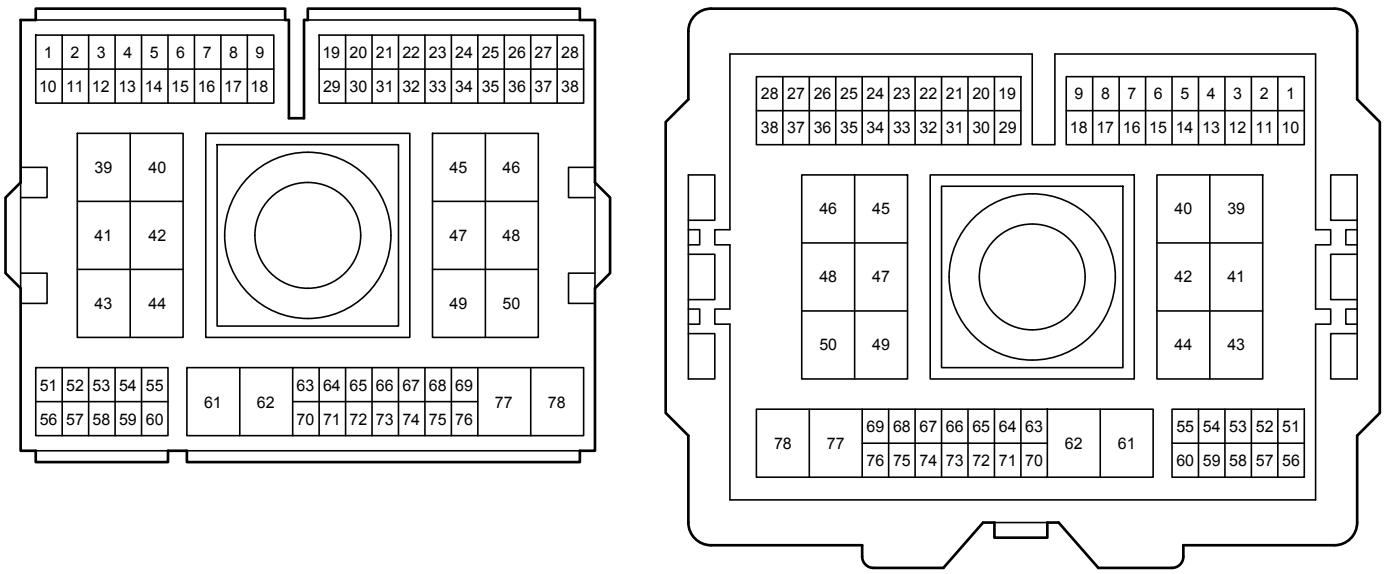

EK2

White

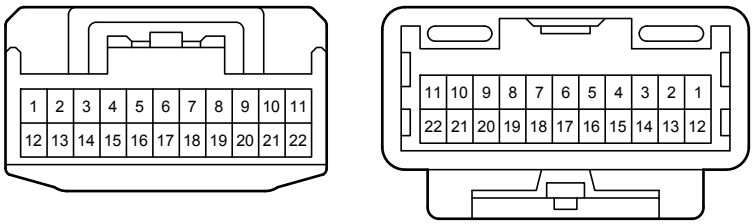


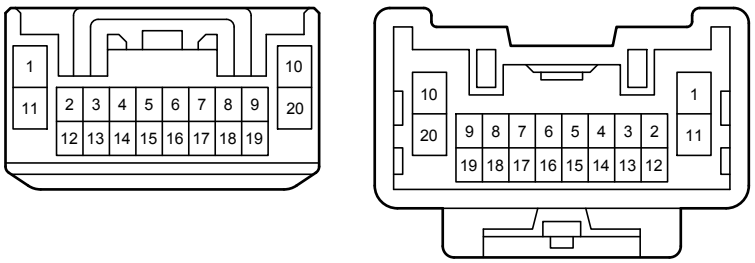
EL1
White



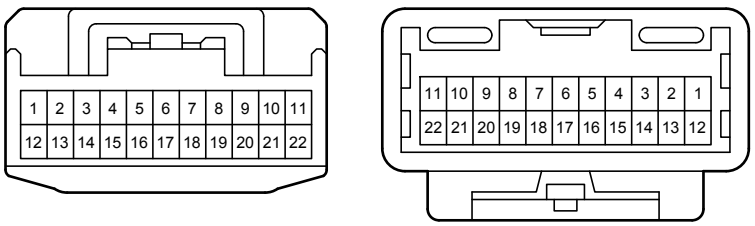

FE3
White



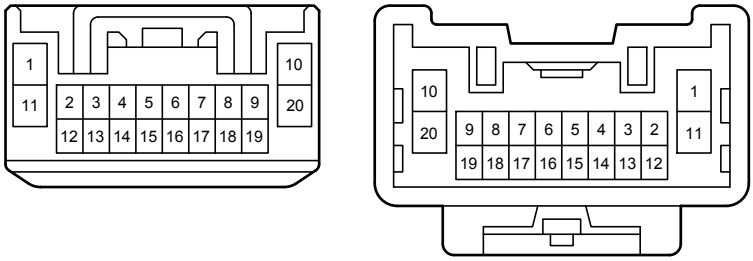

FE4
White



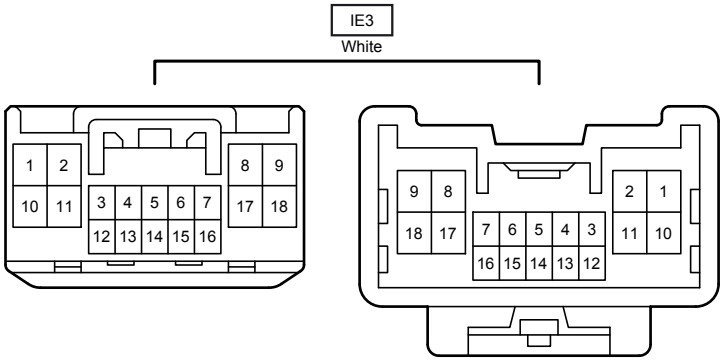

FL2
Blue



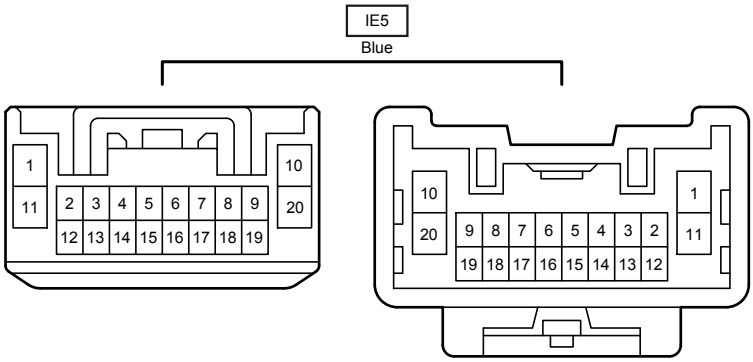
IE2
Blue



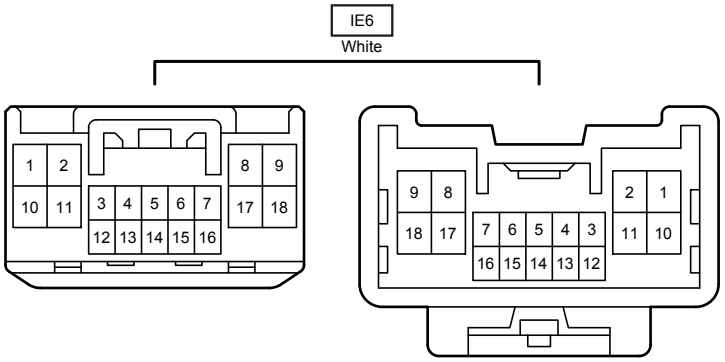

IE3
White



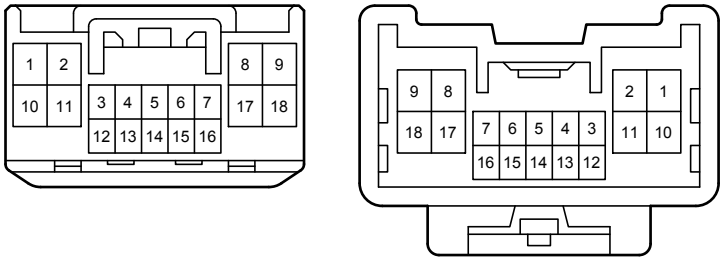

IE5
Blue



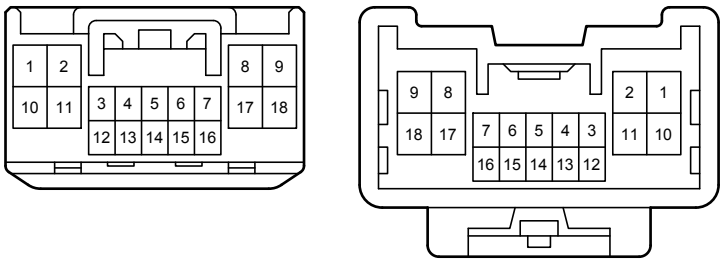

IE6
White



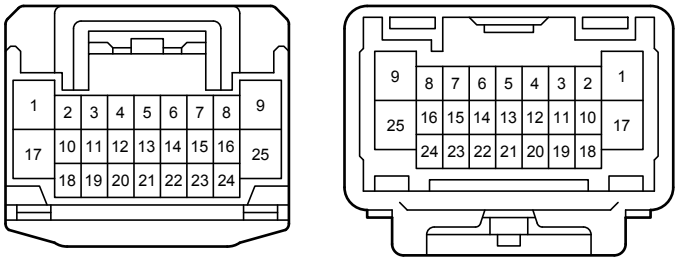
JK1
White



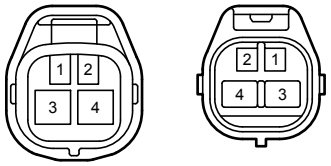

JL1
White

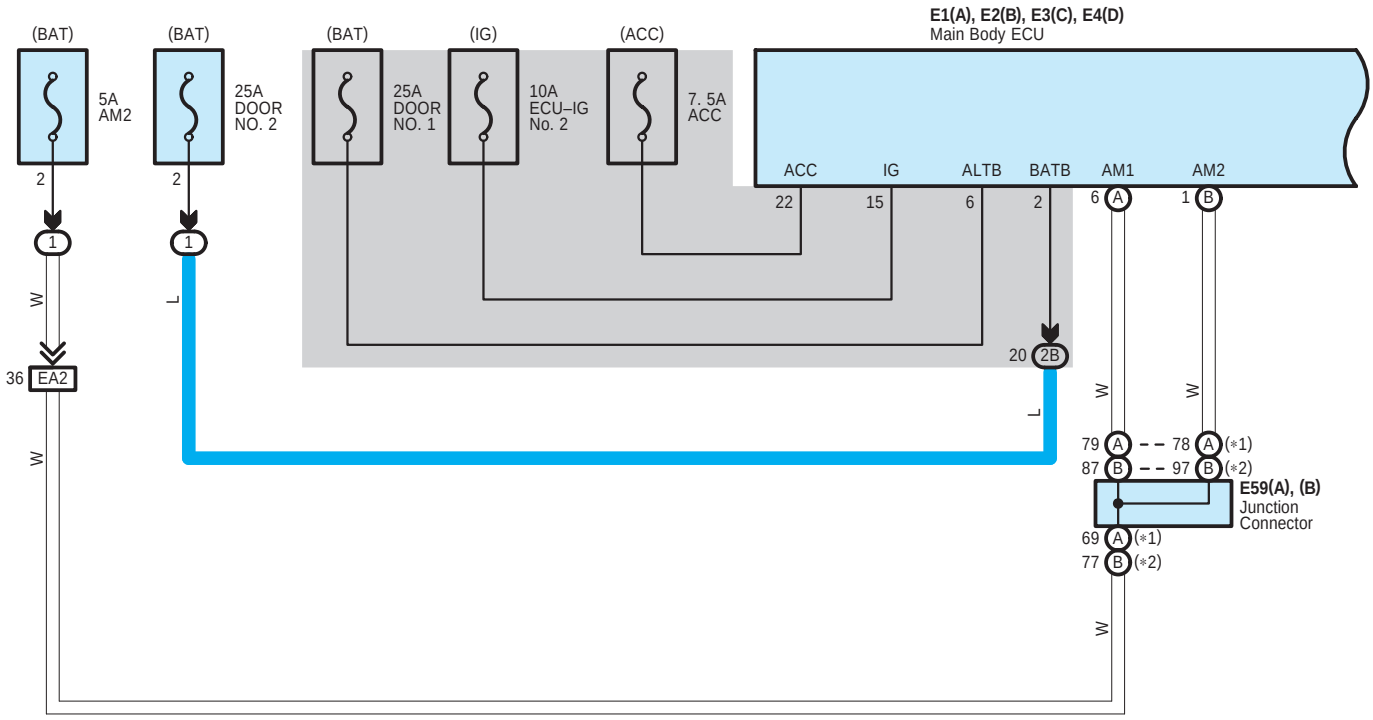



KL1
White

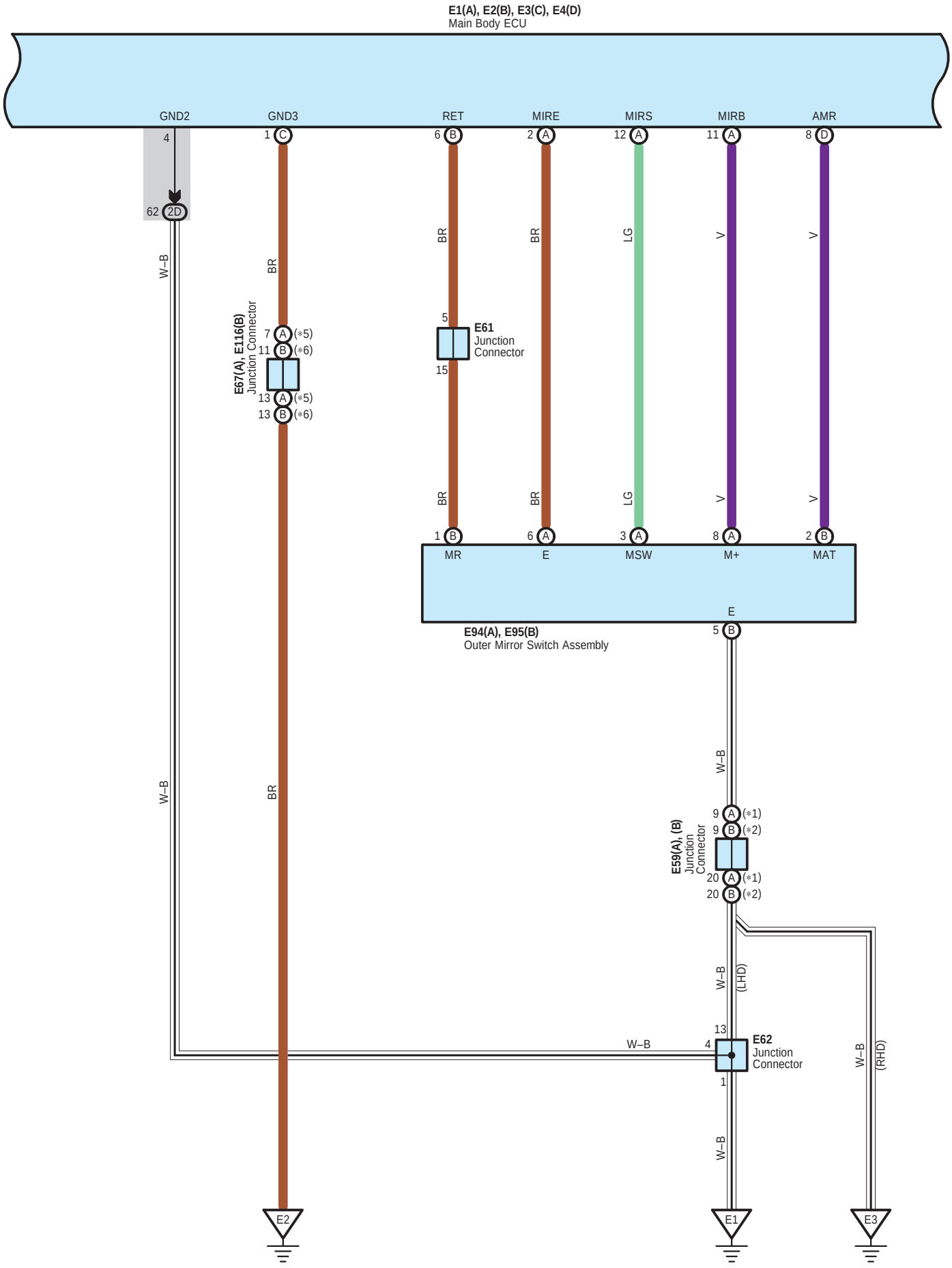


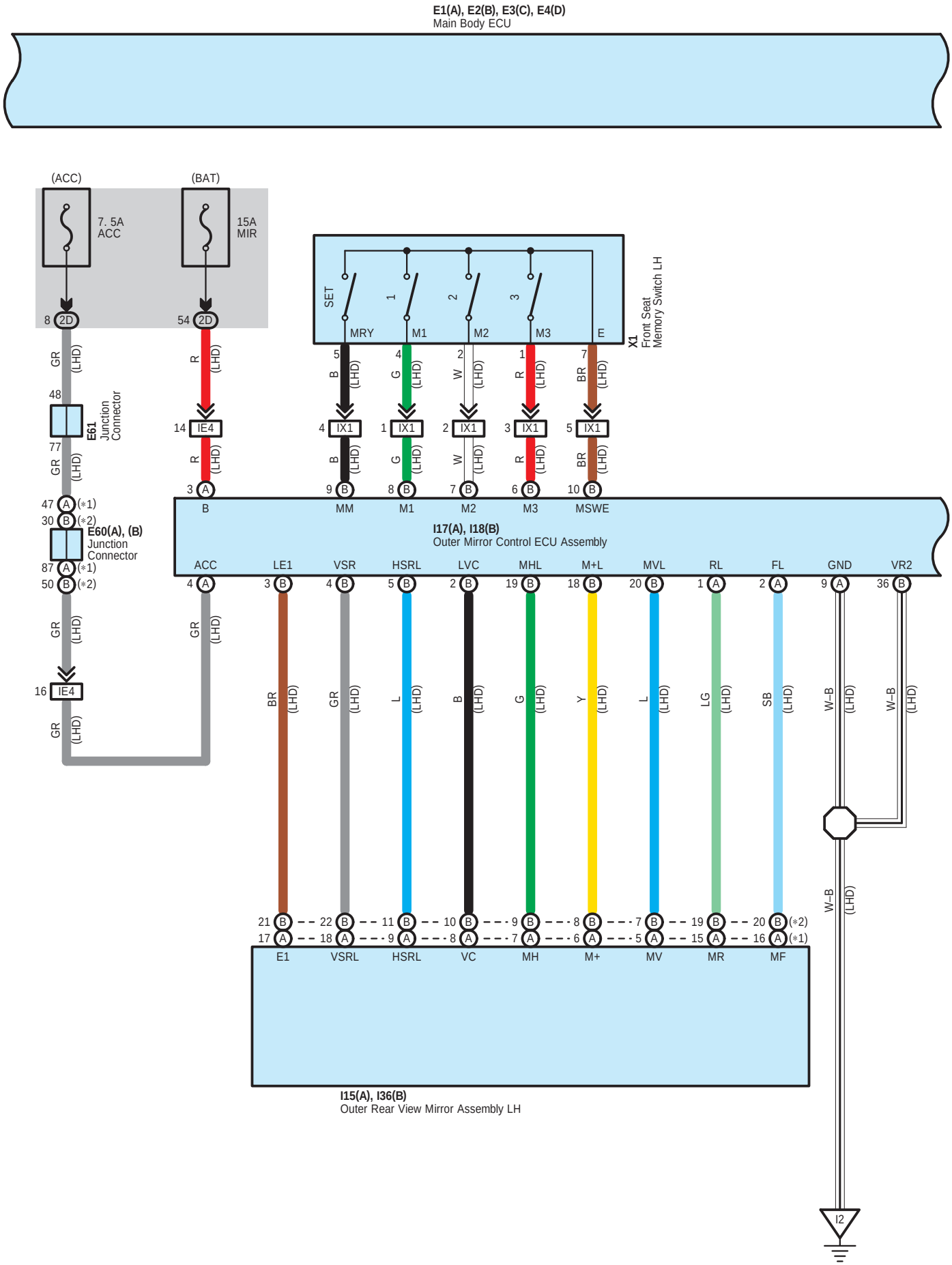

KN1
White





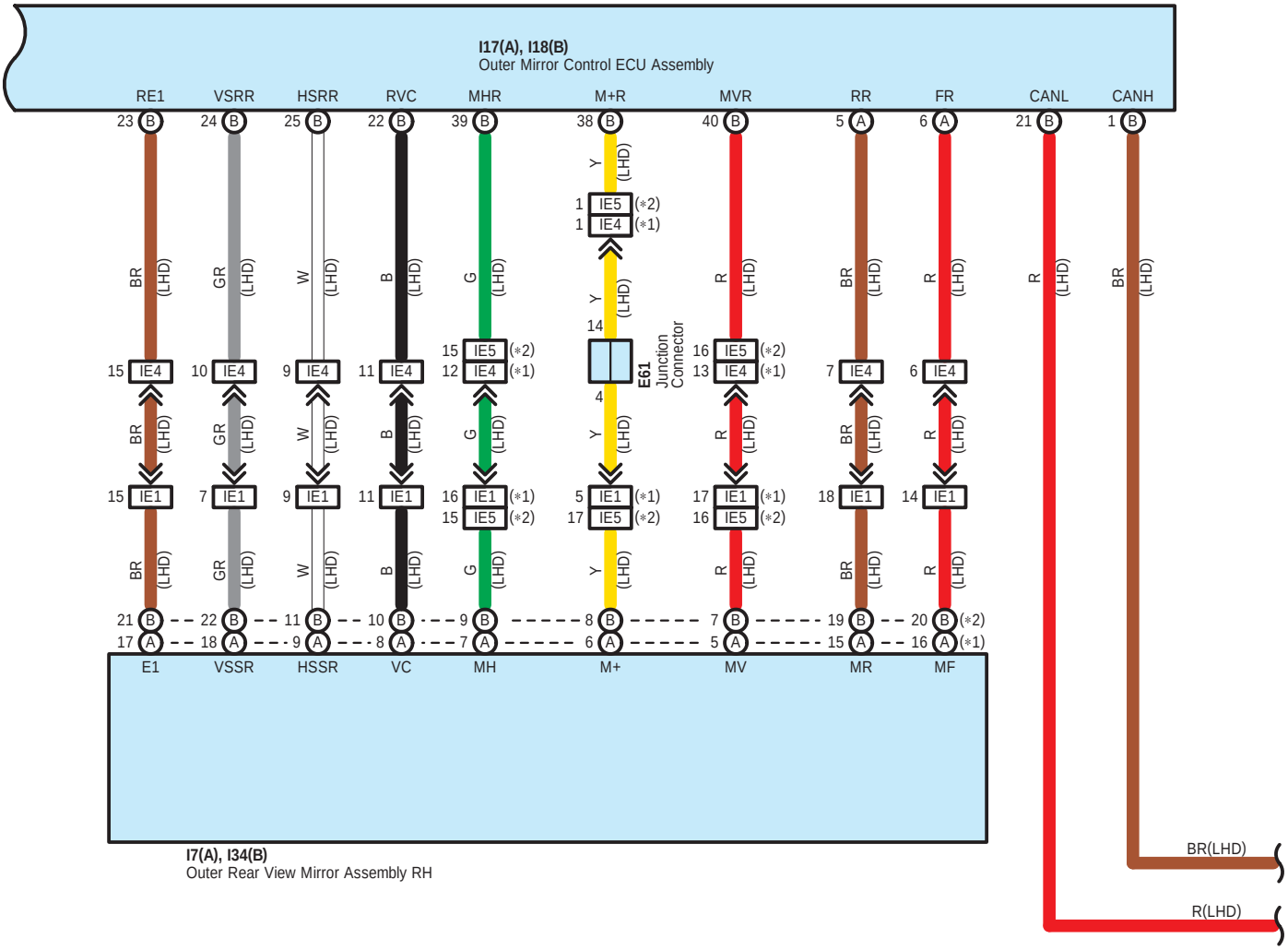

* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production
* 5 : RHD, LHD Before Aug. 2013 Production
* 6 : LHD From Aug. 2013 Production

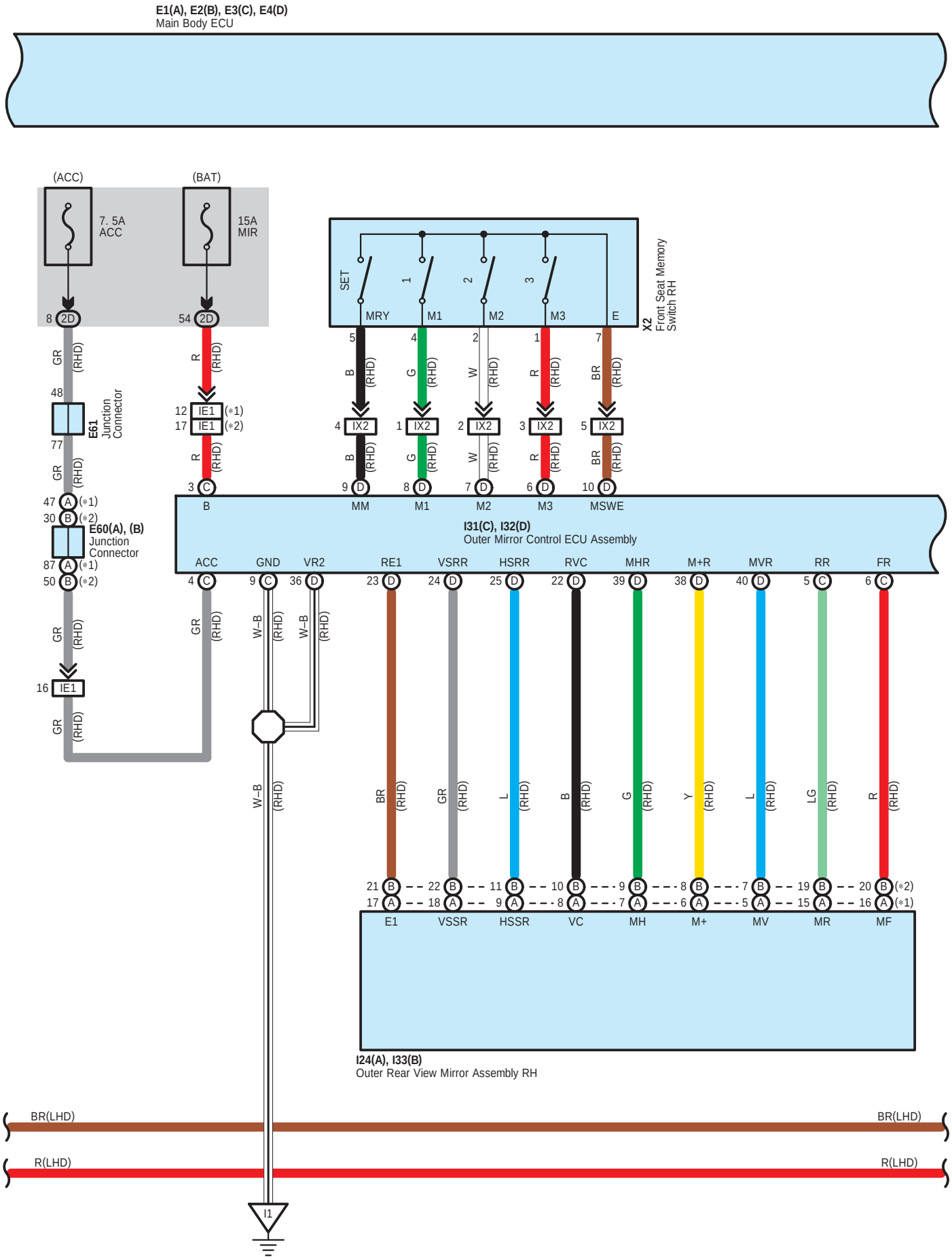

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
GND2
GND3
RET
MIRE
MIRS
MIRB
AMR
4
62 2D
1 C
6 B
2 A
12 A
11 A
8 D
W–B
BR
BR
LG
V
V
E67(A), E116(B)
Junction Connector
7 A (*5)
11 B (*6)
13 A (*5)
13 B (*6)
5
E61
Junction
Connector
15
1 B
6 A
3 A
8 A
2 B
MR
E
MSW
M+
MAT
E94(A), E95(B)
Outer Mirror Switch Assembly
E
5 B
9 A (*1)
9 B (*2)
E59(A), (B)
Junction
Connector
20 A (*1)
20 B (*2)
(LHD)
(RHD)
13
4
E62
Junction
Connector
1
E2
E1
E3

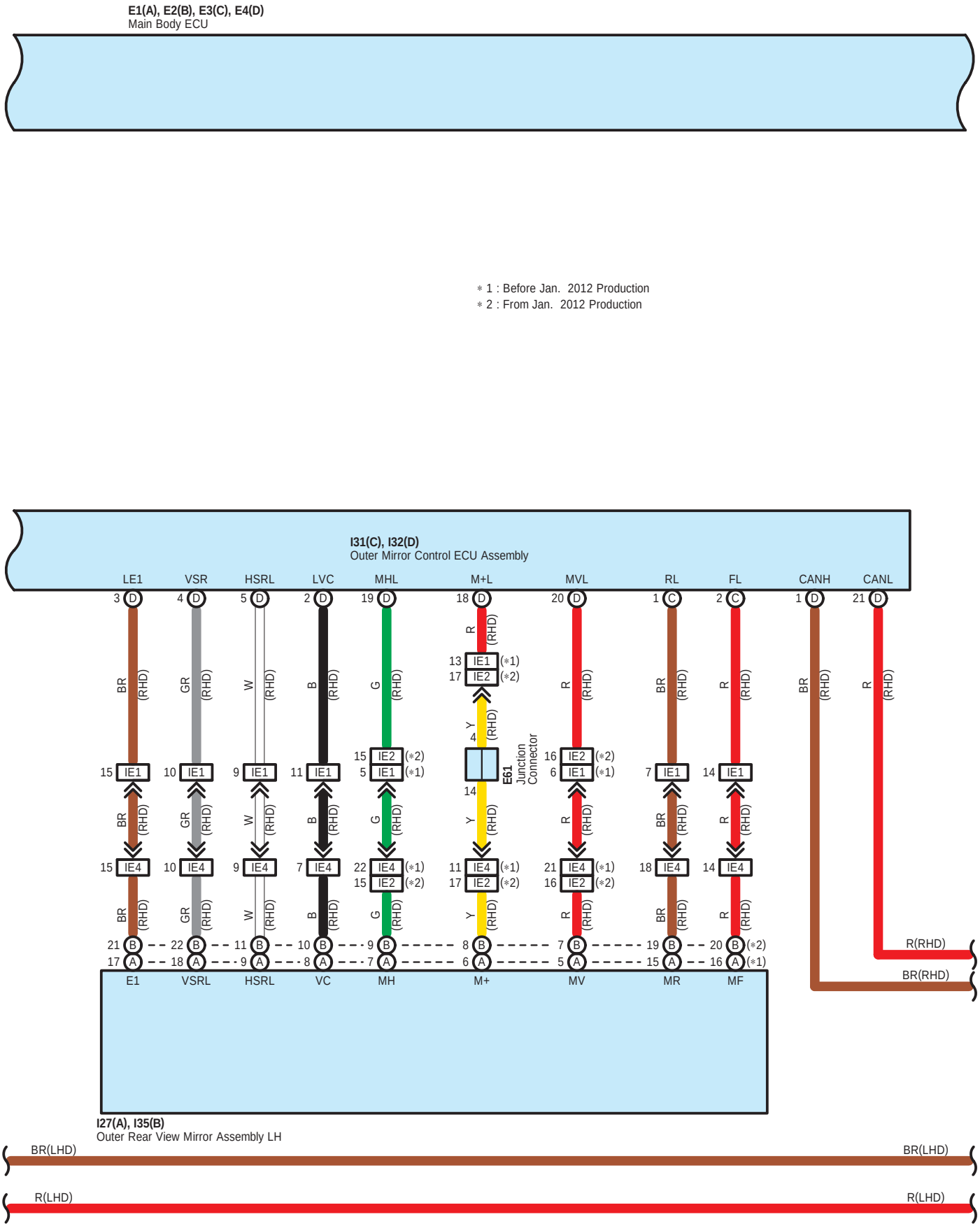

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
(ACC)
(BAT)
7. 5A
ACC
15A
MIR
8 2D
54 2D
GR (LHD)
R (LHD)
48
E61
Junction
Connector
77
GR (LHD)
14 IE4
R (LHD)
47 A (*1)
30 B (*2)
E60(A), (B)
Junction
Connector
87 A (*1)
50 B (*2)
GR (LHD)
16 IE4
GR (LHD)
3 A
B
SET
1
2
3
MRY
M1
M2
M3
E
X1
Front Seat
Memory Switch LH
5 B (LHD)
4 G (LHD)
2 W (LHD)
1 R (LHD)
7 BR (LHD)
4 IX1
1 IX1
2 IX1
3 IX1
5 IX1
B (LHD)
G (LHD)
W (LHD)
R (LHD)
BR (LHD)
9 B
8 B
7 B
6 B
10 B
MM
M1
M2
M3
MSWE
I17(A), I18(B)
Outer Mirror Control ECU Assembly
ACC
LE1
VSR
HSRL
LVC
MHL
M+L
MVL
RL
FL
GND
VR2
4 A
3 B
4 B
5 B
2 B
19 B
18 B
20 B
1 A
2 A
9 A
36 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)
W–B (LHD)
21 B
17 A
22 B
18 A
11 B
9 A
10 B
8 A
9 B
7 A
8 B
6 A
7 B
5 A
19 B
15 A
20 B (*2)
16 A (*1)
E1
VSRL
HSRL
VC
MH
M+
MV
MR
MF
I15(A), I36(B)
Outer Rear View Mirror Assembly LH
I2

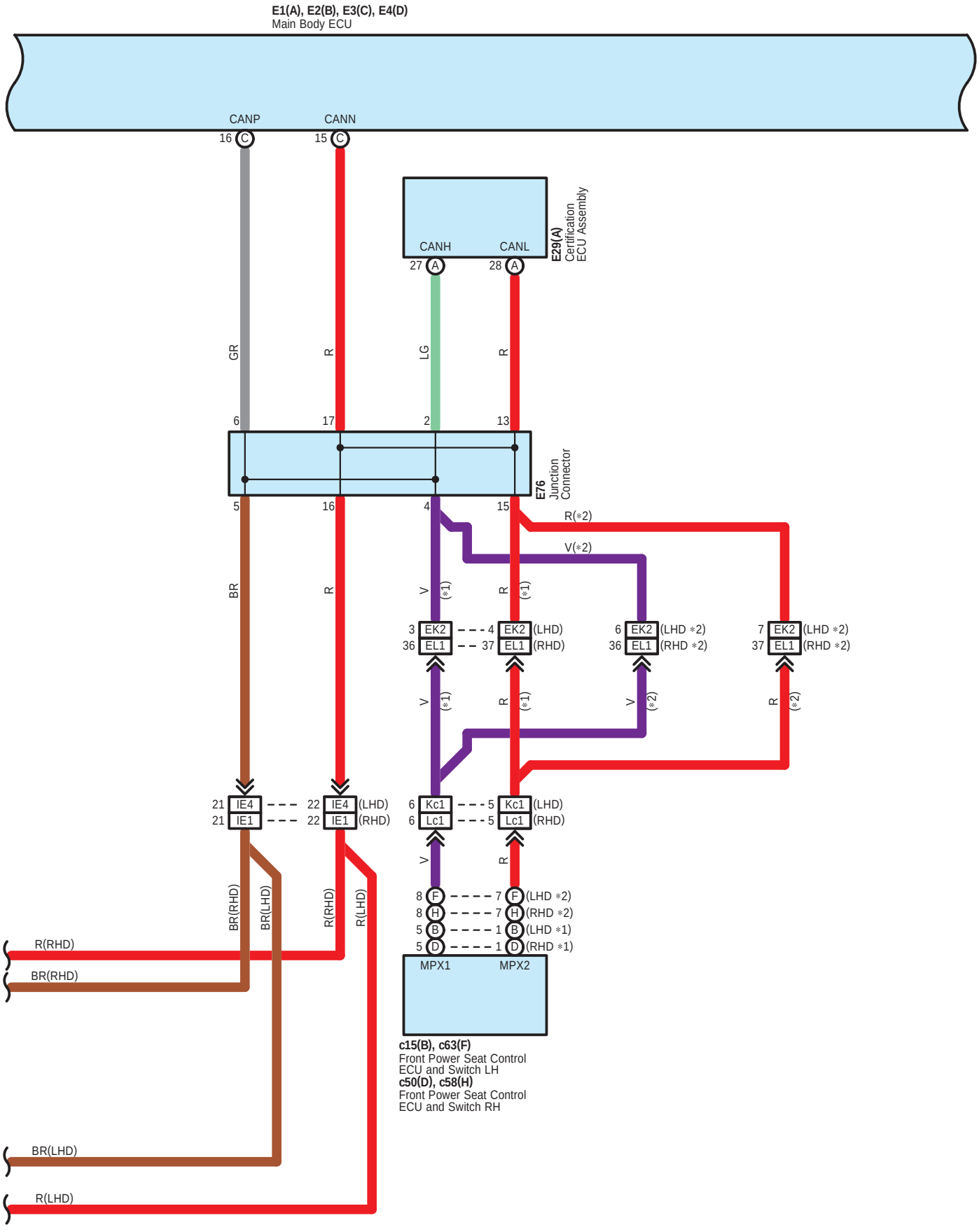
**E1(A), E2(B), E3(C), E4(D)**
Main Body ECU

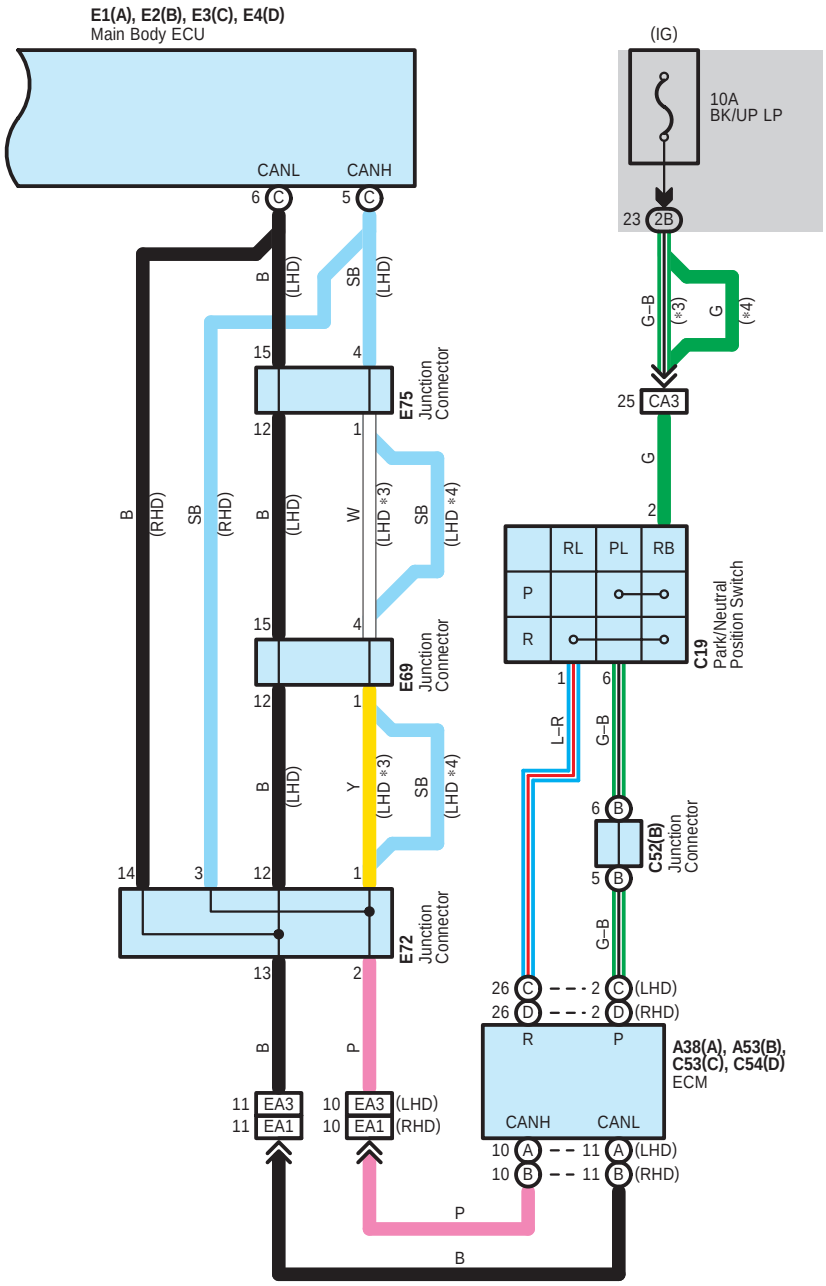
∗ 1 : Before Jan. 2012 Production
∗ 2 : From Jan. 2012 Production




E1(A), E2(B), E3(C), E4(D)
Main Body ECU
(ACC)
(BAT)
7. 5A
ACC
15A
MIR
8 2D
54 2D
GR (RHD)
R (RHD)
48
77
E61
Junction
Connector
12 IE1 (*1)
17 IE1 (*2)
47 A (*1)
30 B (*2)
E60(A), (B)
Junction
Connector
87 A (*1)
50 B (*2)
16 IE1
SET
1
2
3
MRY
M1
M2
M3
E
X2
Front Seat Memory
Switch RH
B (RHD)
G (RHD)
W (RHD)
R (RHD)
BR (RHD)
4 IX2
1 IX2
2 IX2
3 IX2
5 IX2
9 D
8 D
7 D
6 D
10 D
MM
M1
M2
M3
MSWE
I31(C), I32(D)
Outer Mirror Control ECU Assembly
ACC
GND
VR2
RE1
VSRR
HSRR
RVC
MHR
M+R
MVR
RR
FR
4 C
9 C
36 D
23 D
24 D
25 D
22 D
39 D
38 D
40 D
5 C
6 C
W–B (RHD)
BR (RHD)
GR (RHD)
L (RHD)
B (RHD)
G (RHD)
Y (RHD)
L (RHD)
LG (RHD)
R (RHD)
21 B
17 A
22 B
18 A
11 B
9 A
10 B
8 A
9 B
7 A
8 B
6 A
7 B
5 A
19 B
15 A
20 B (*2)
16 A (*1)
E1
VSSR
HSSR
VC
MH
M+
MV
MR
MF
I24(A), I33(B)
Outer Rear View Mirror Assembly RH
BR(LHD)
R(LHD)
I1

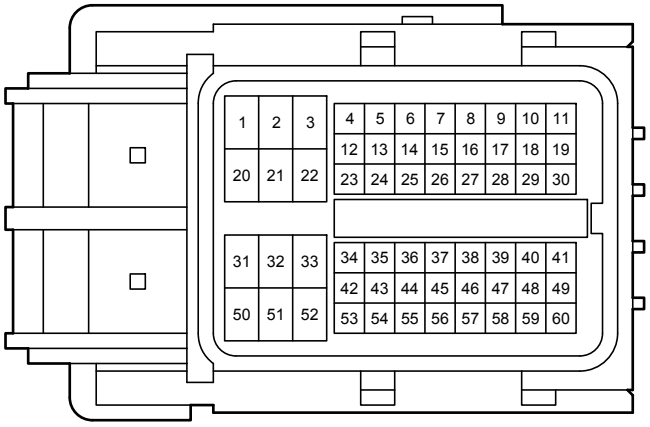

E1(A), E2(B), E3(C), E4(D)
Main Body ECU
∗1 : Before Jan. 2012 Production
∗2 : From Jan. 2012 Production
I31(C), I32(D)
Outer Mirror Control ECU Assembly
LE1
VSR
HSRL
LVC
MHL
M+L
MVL
RL
FL
CANH
CANL
E61
Junction Connector
E1
VSRL
HSRL
VC
MH
M+
MV
MR
MF
R(RHD)
BR(RHD)
I27(A), I35(B)
Outer Rear View Mirror Assembly LH
BR(LHD)
R(LHD)


E1(A), E2(B), E3(C), E4(D)
Main Body ECU
CANP
CANN
16 C
15 C
CANH
CANL
27 A
28 A
E29(A)
Certification ECU Assembly
GR
R
LG
R
6
17
2
13
E76
Junction Connector
5
16
4
15
R(*2)
V(*2)
BR
R
V (*1)
R (*1)
3 EK2
36 EL1
4 EK2 (LHD)
37 EL1 (RHD)
6 EK2 (LHD *2)
36 EL1 (RHD *2)
7 EK2 (LHD *2)
37 EL1 (RHD *2)
V (*1)
R (*1)
V (*2)
R (*2)
21 IE4
21 IE1
22 IE4 (LHD)
22 IE1 (RHD)
6 Kc1
6 Lc1
5 Kc1 (LHD)
5 Lc1 (RHD)
V
R
8 F
8 H
5 B
5 D
7 F (LHD *2)
7 H (RHD *2)
1 B (LHD *1)
1 D (RHD *1)
MPX1
MPX2
BR(RHD)
BR(LHD)
R(RHD)
R(LHD)
R(RHD)
BR(RHD)
BR(LHD)
R(LHD)
c15(B), c63(F)
Front Power Seat Control ECU and Switch LH
c50(D), c58(H)
Front Power Seat Control ECU and Switch RH

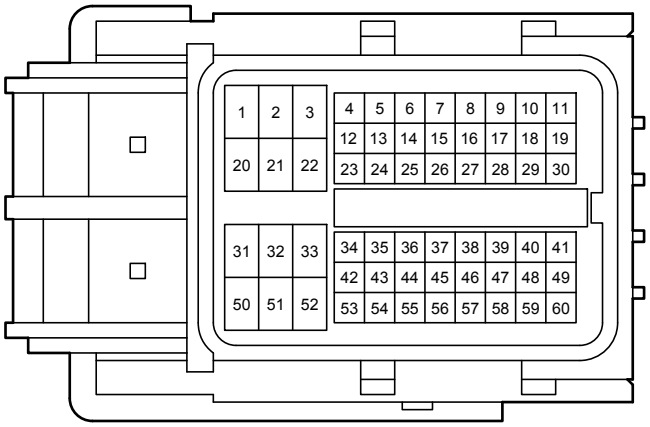



* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production
* 3 : Before Jan. 2013 Production
* 4 : From Jan. 2013 Production

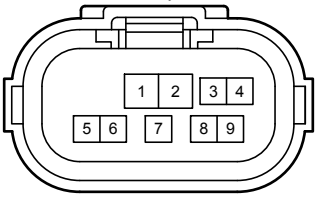
A 38
Black



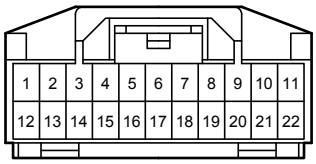

A 53
Black



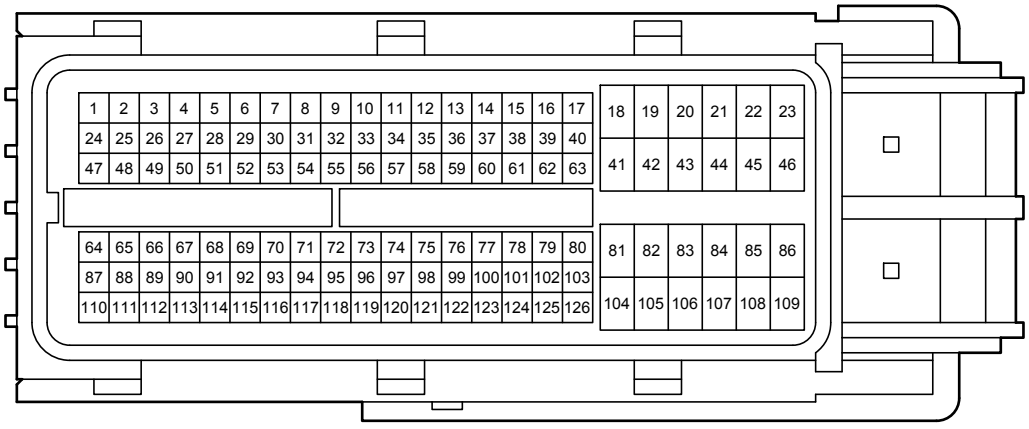

C 19
Gray



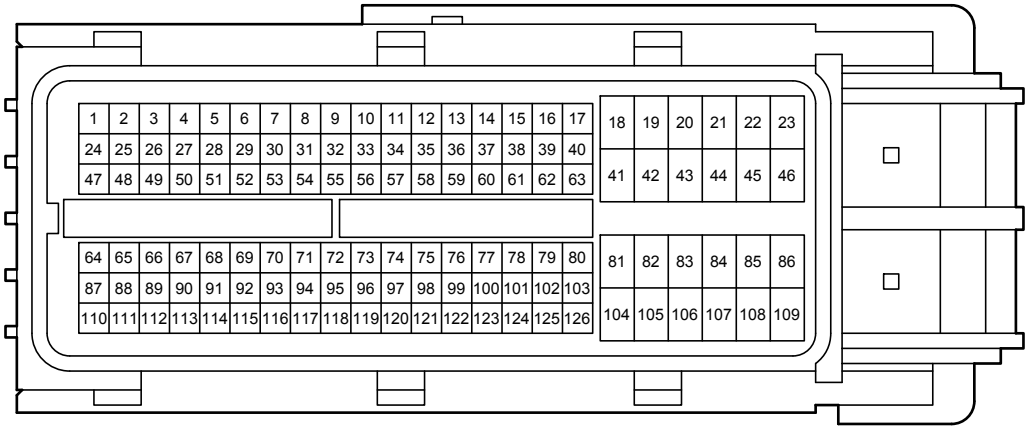

C 52
Blue



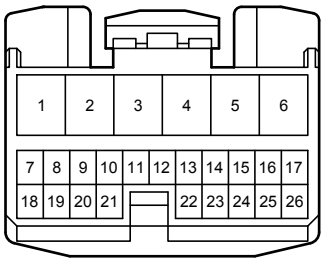

C 53
Black



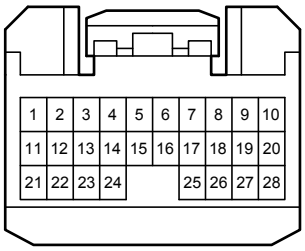
C 54
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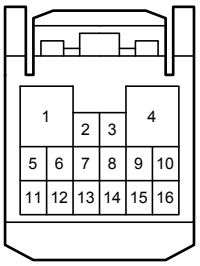

E 1
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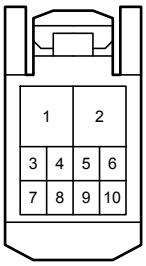

E 2
White



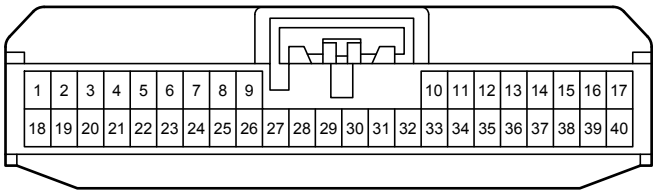

E 3
White



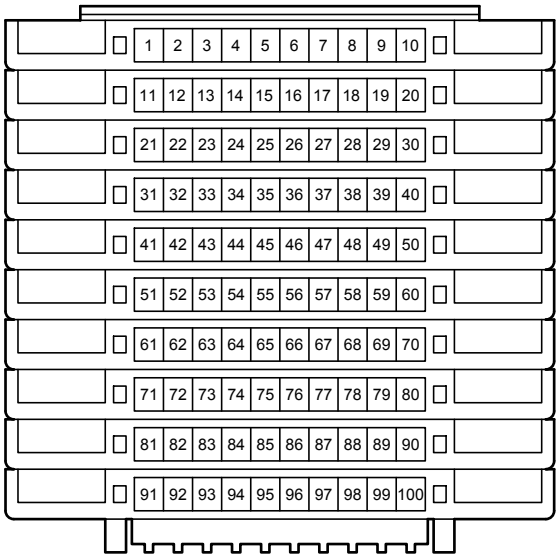

E 4
White



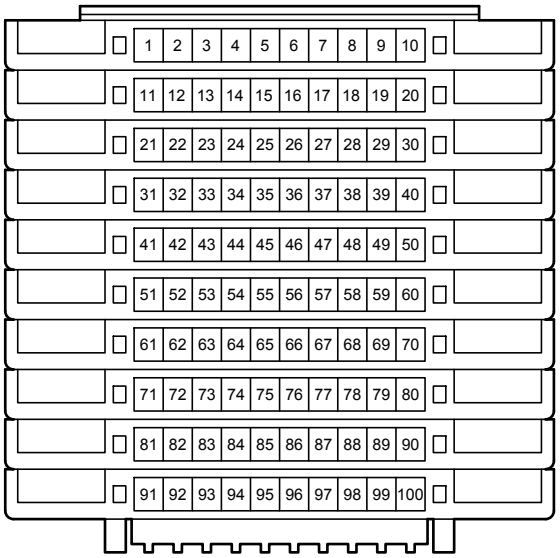

E 29
White



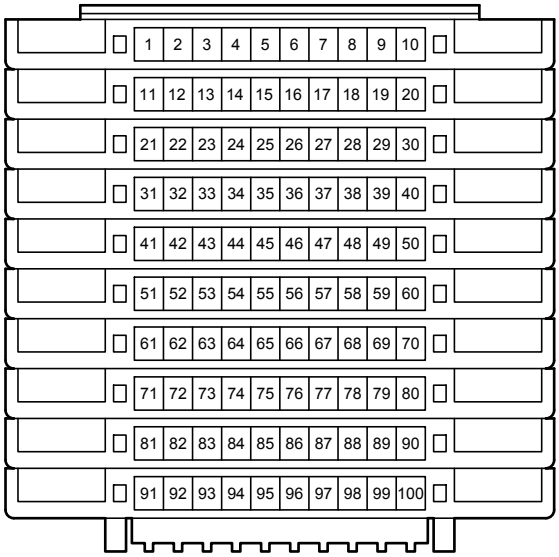

E 59
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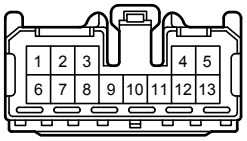

E 60
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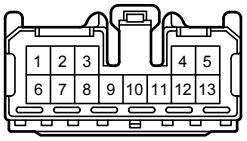
E 61
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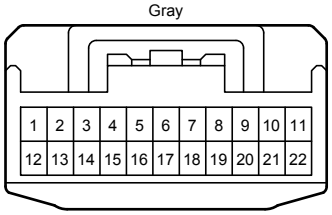

E 62
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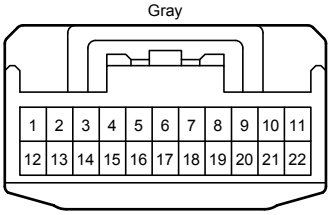

E 67
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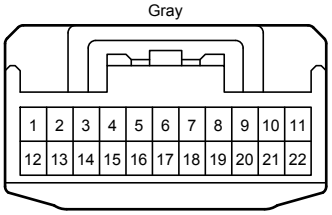

E 69
Gray



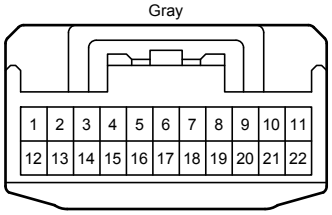

E 72
Gray



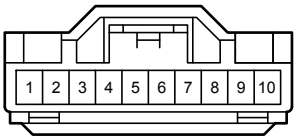

E 75
Gray



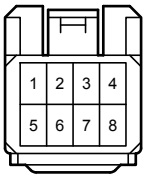

E 76
Gray



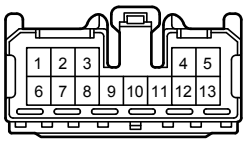

E 94
White



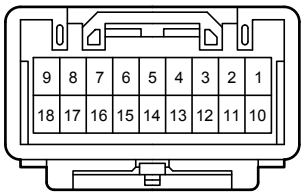

E 95
White



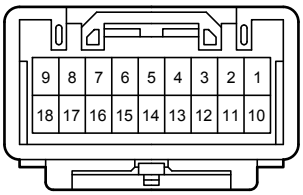

E116
White



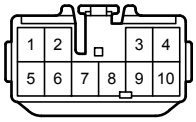

I 7
White



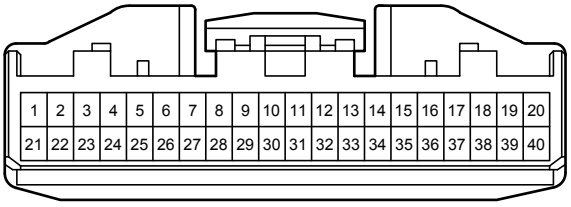

I 15
White



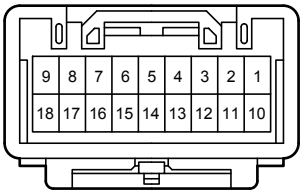

I 17
White



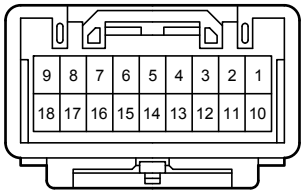

I 18
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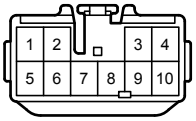

I 24
White



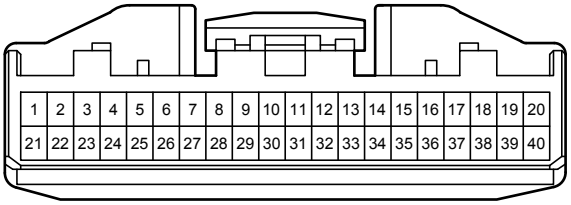
I 27
White



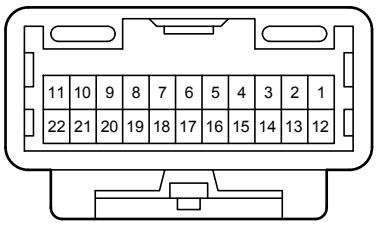

I 31
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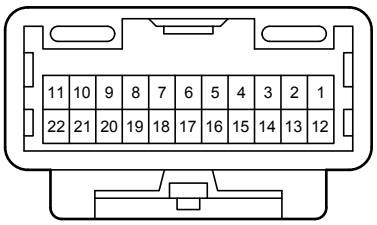

I 32
White



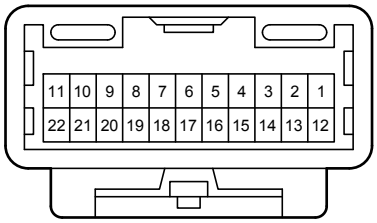

I 33
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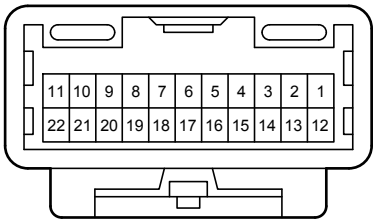

I 34
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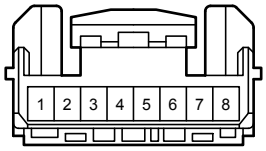

I 35
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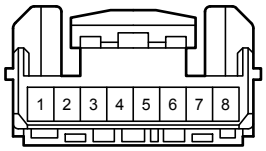

I 36
White



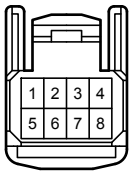

X 1
White



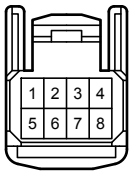

X 2
White



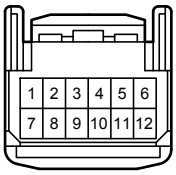

c 15
White



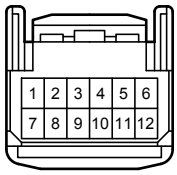

c 50
White



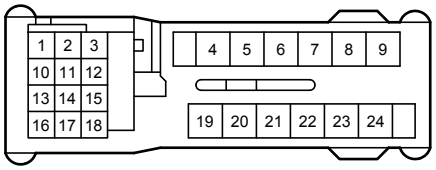

c 58
White



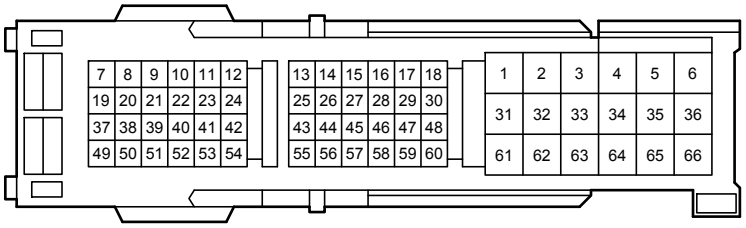

c 63
White



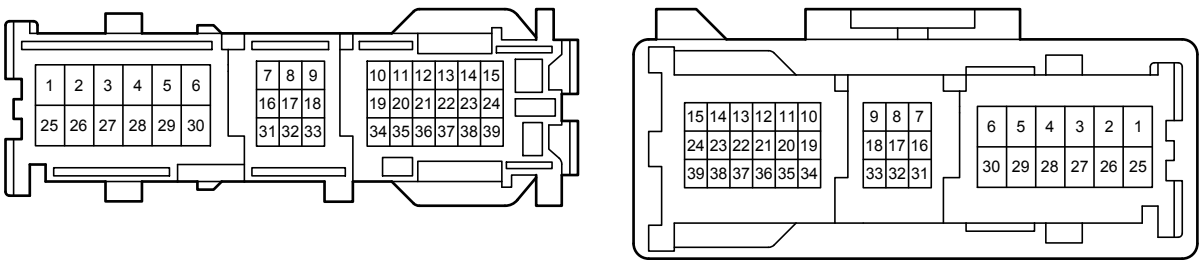

2B
White




2D
White

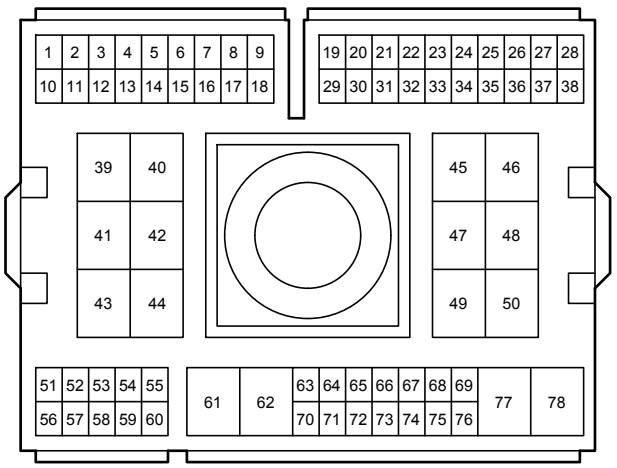


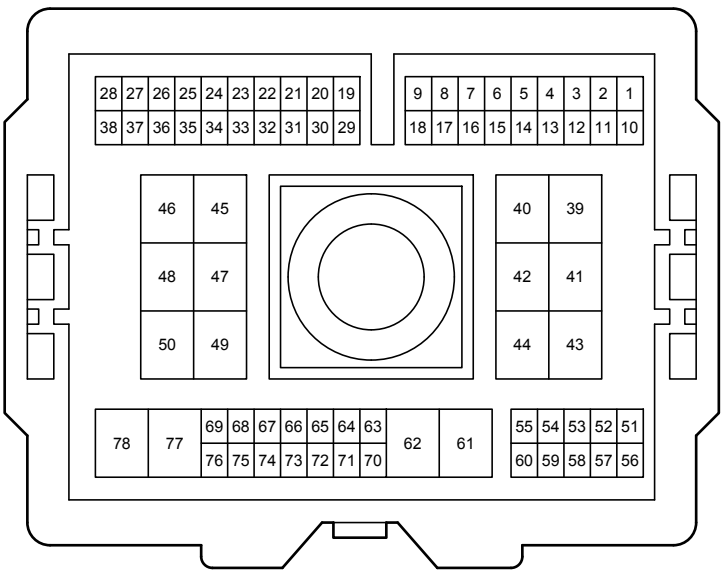

CA3
White



EA1

White

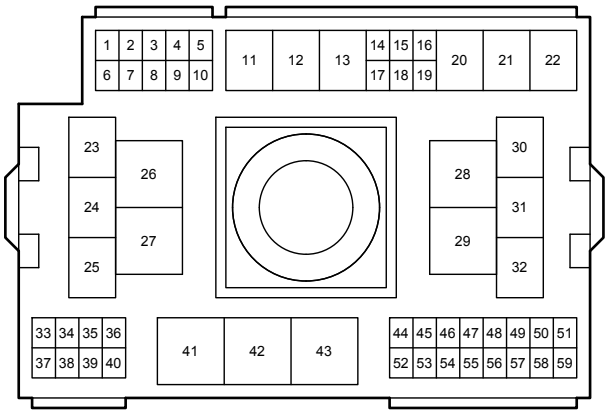


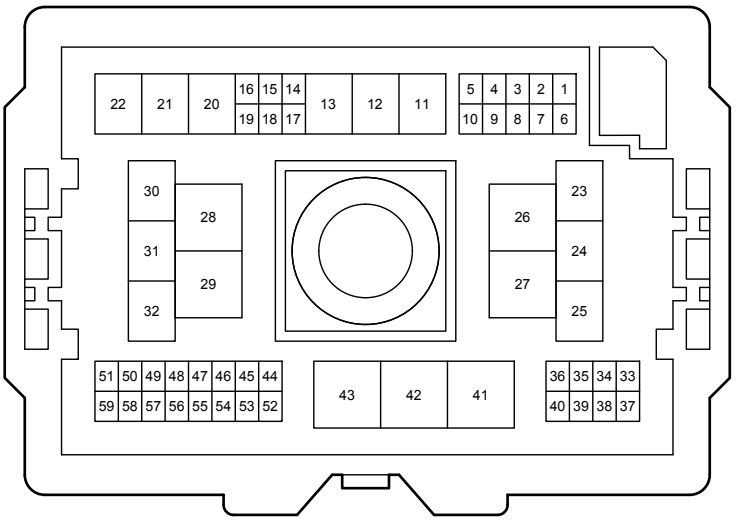




EA2

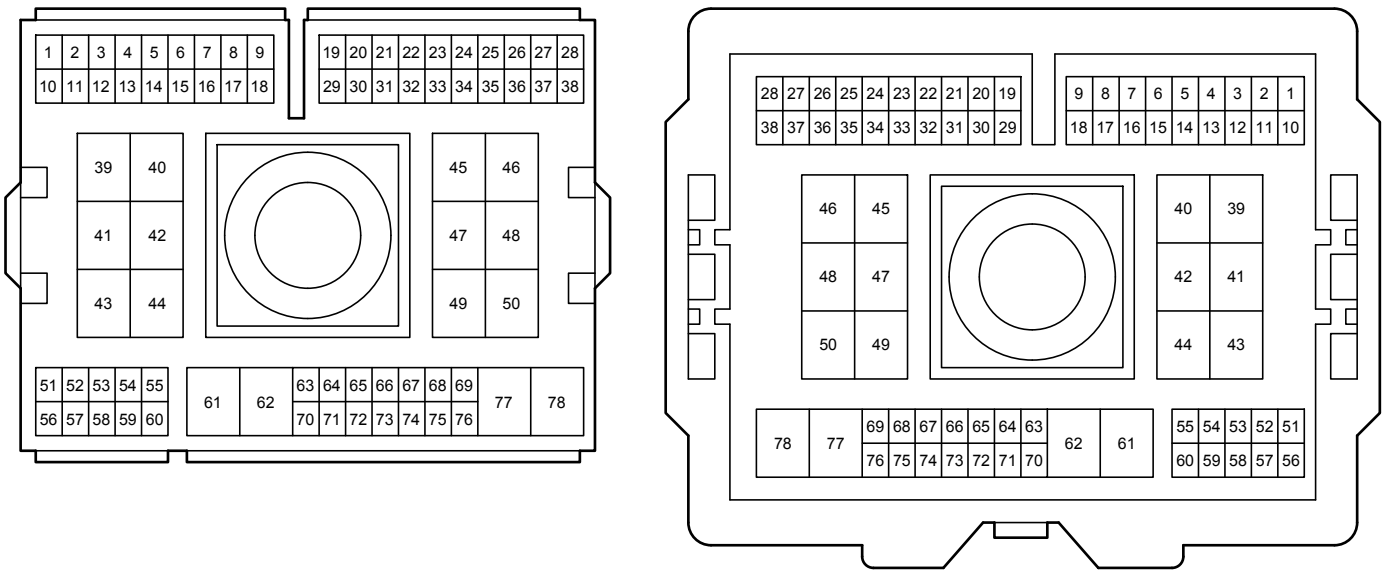
White

Gray

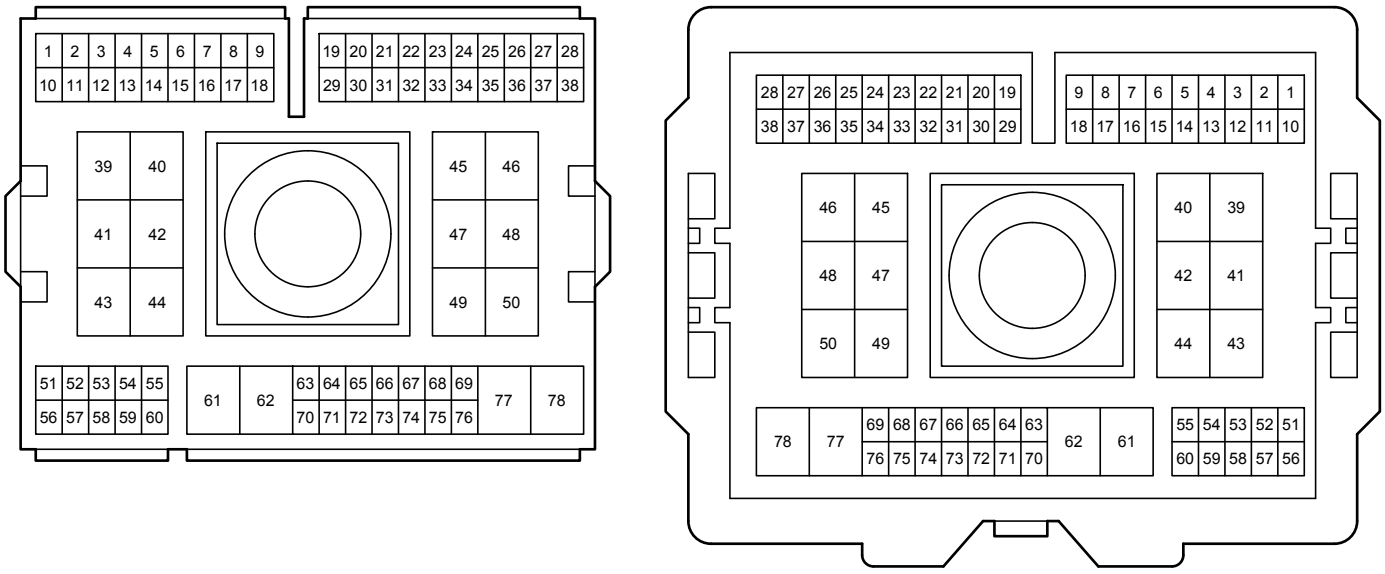


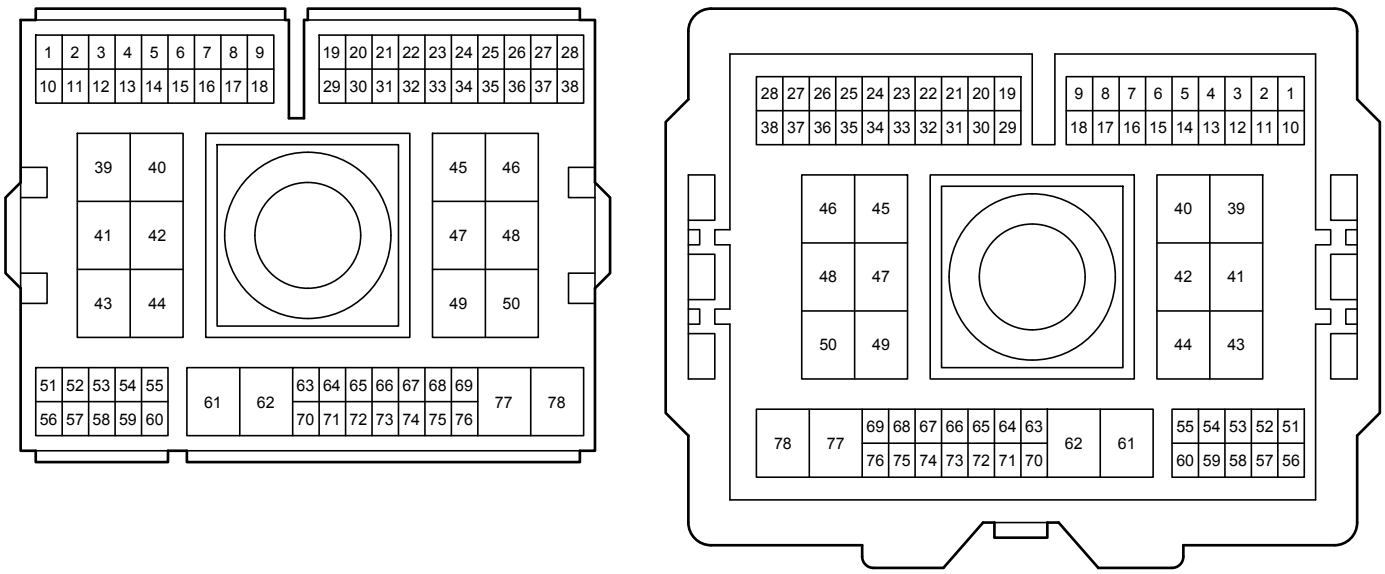
EA3
White



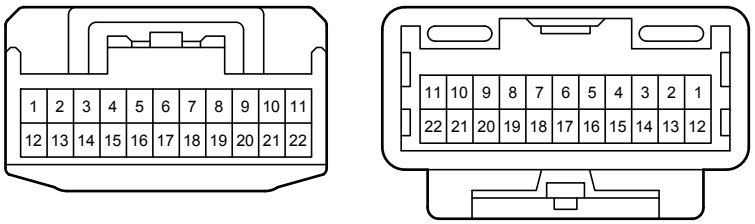

EK2
White



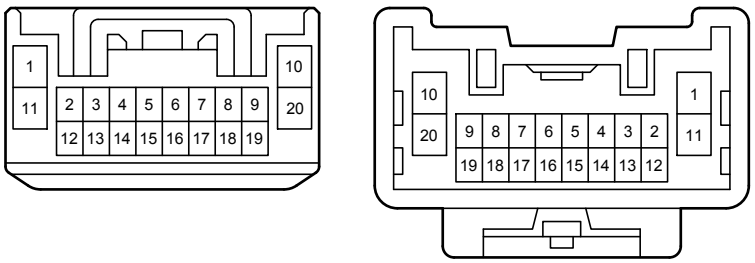
EL1
White



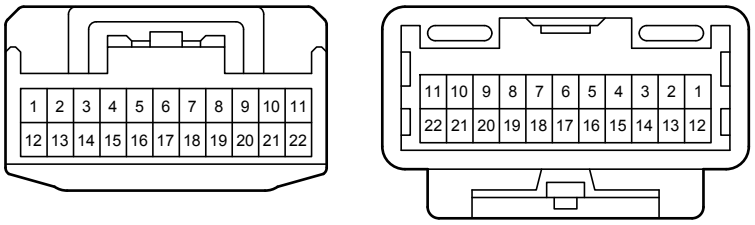

IE1
Gray



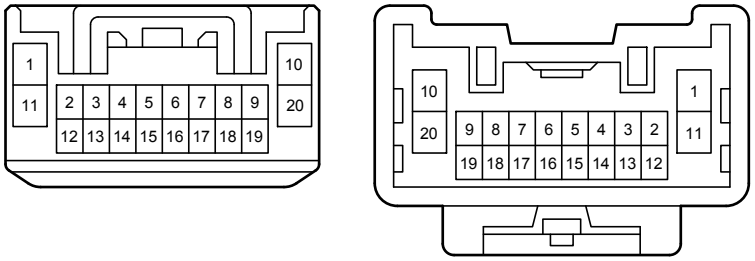

IE2
Blue



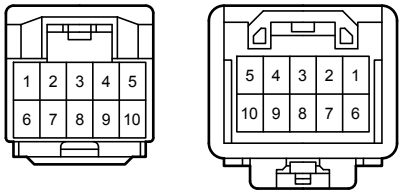

IE4
Gray



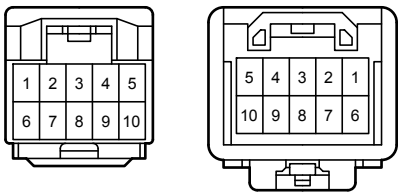
IE5
Blue



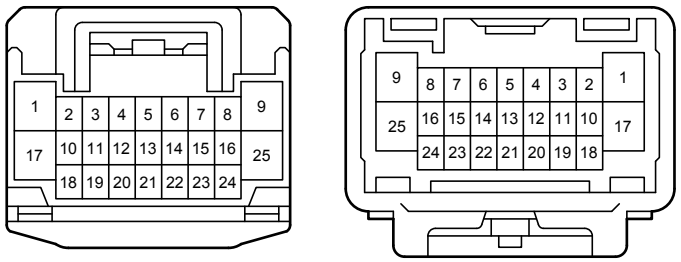

IX1
White



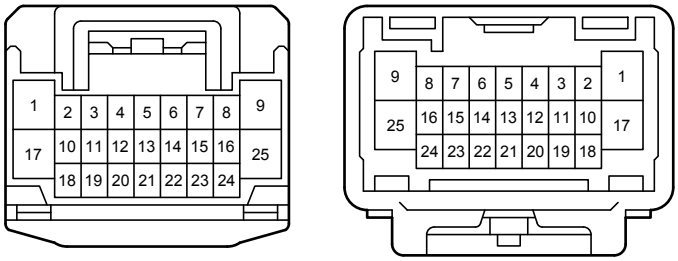

IX2
White

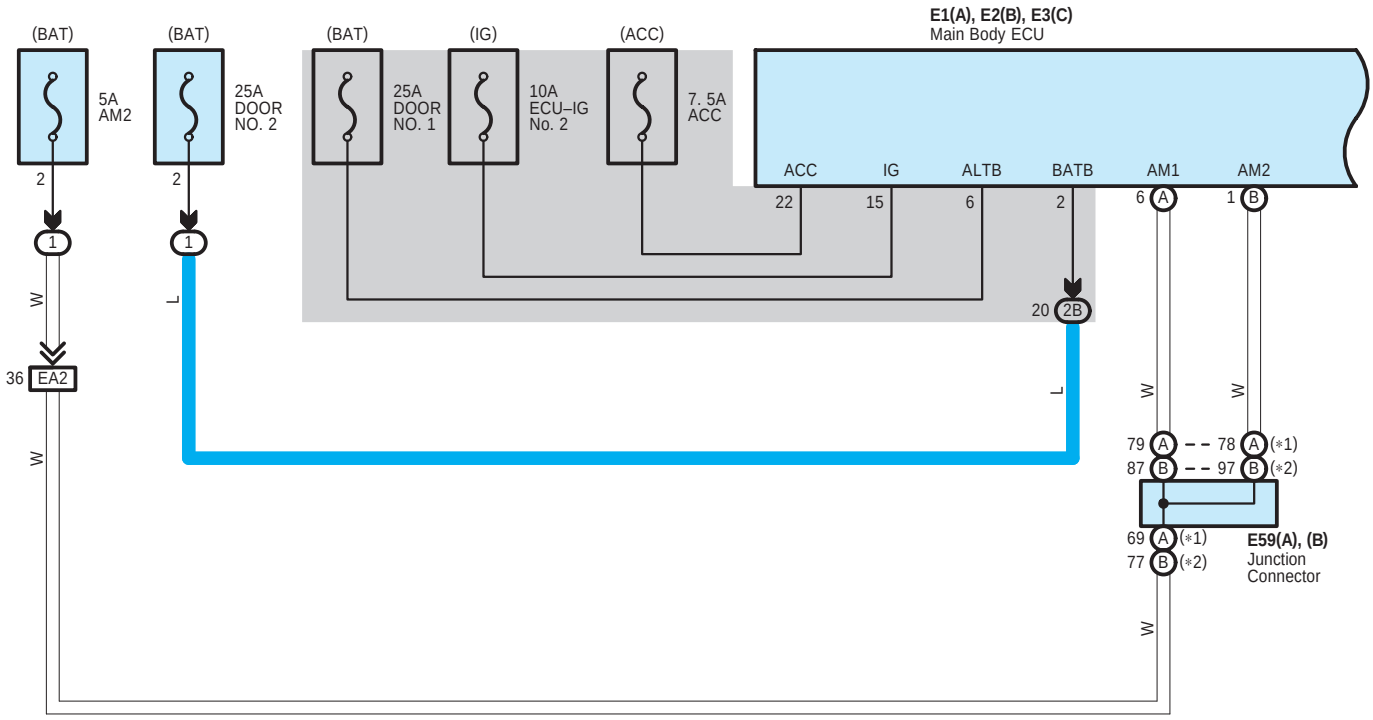



Kc1
White

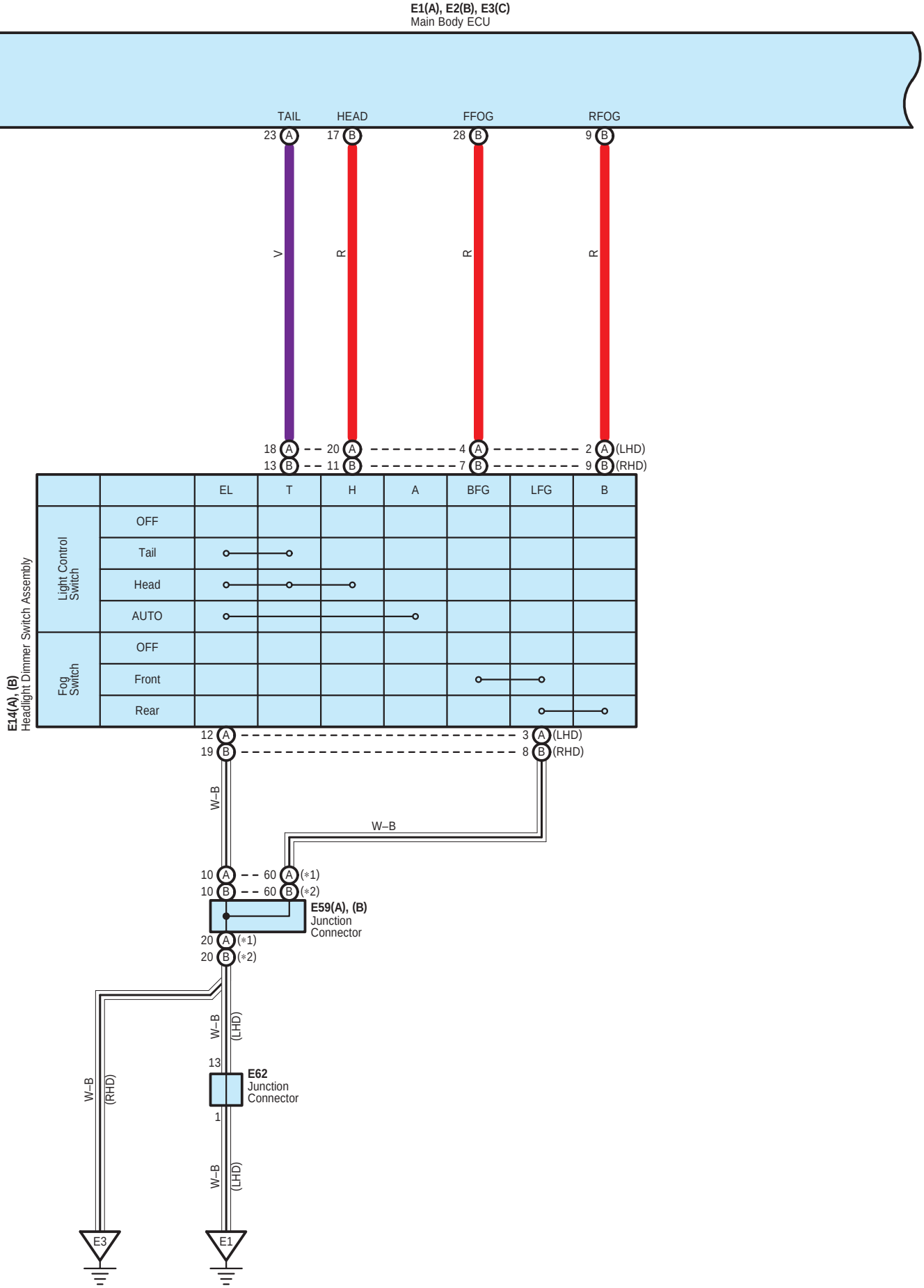


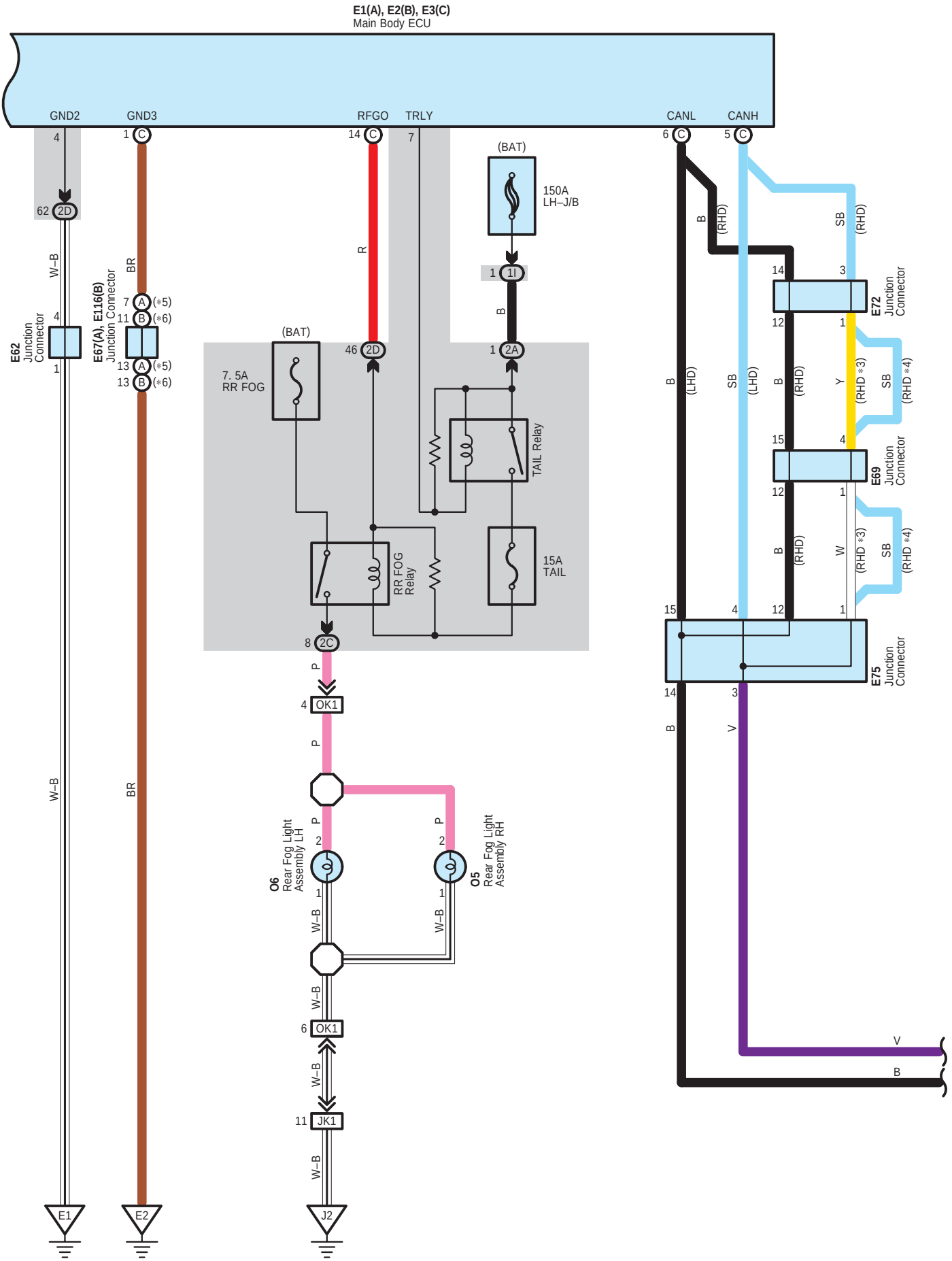

Lc1
White

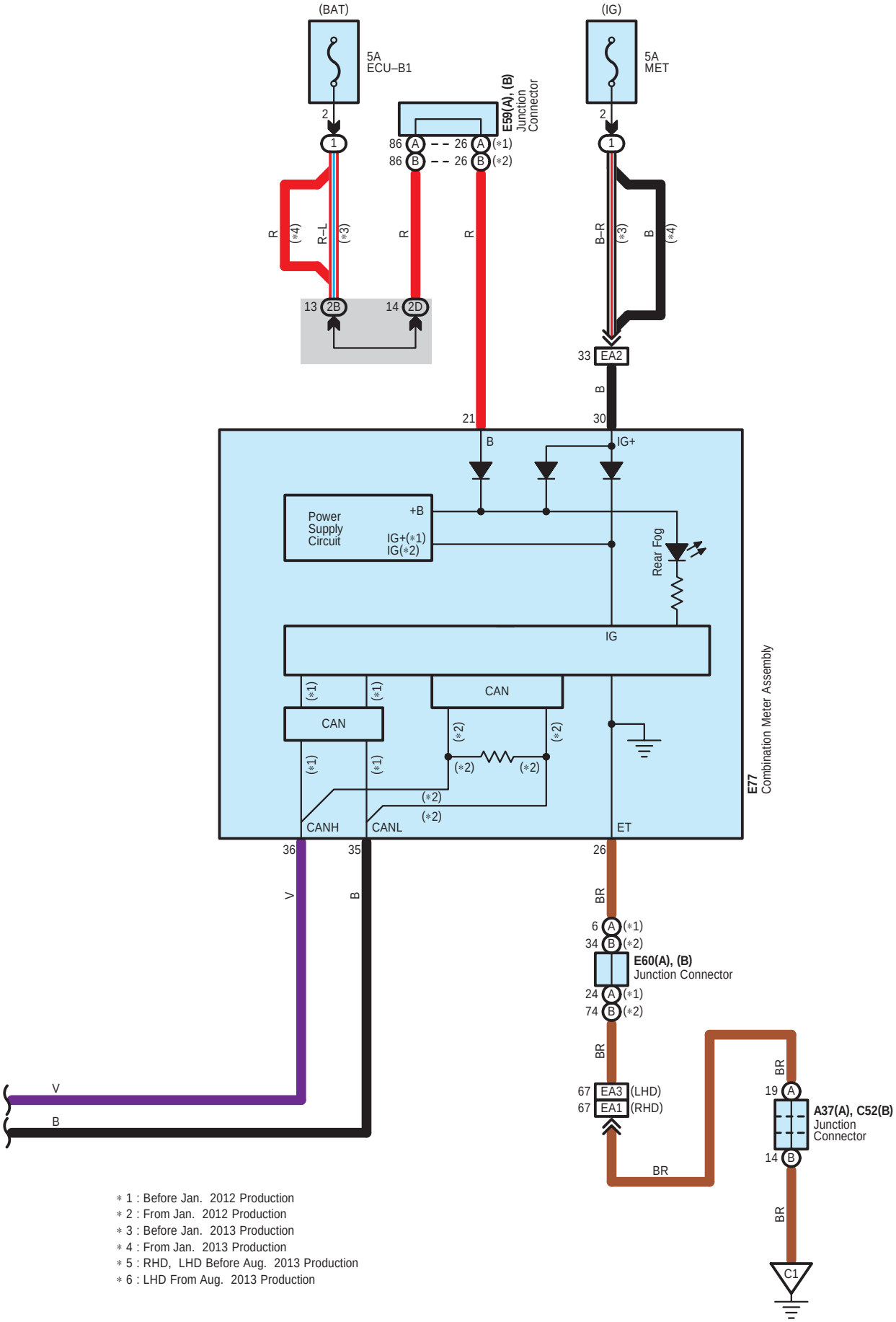





* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production

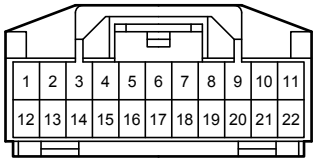

E1(A), E2(B), E3(C)
Main Body ECU
TAIL
HEAD
FFOG
RFOG
23 A
17 B
28 B
9 B
V
R
R
R
18 A
13 B
20 A
11 B
4 A
7 B
2 A (LHD)
9 B (RHD)
E14(A), (B)
Headlight Dimmer Switch Assembly
EL
T
H
A
BFG
LFG
B
Light Control Switch
OFF
Tail
Head
AUTO
Fog Switch
OFF
Front
Rear
12 A
19 B
3 A (LHD)
8 B (RHD)
W–B
W–B
10 A
10 B
60 A (*1)
60 B (*2)
E59(A), (B)
Junction Connector
20 A (*1)
20 B (*2)
W–B (LHD)
13
E62
Junction Connector
1
W–B (LHD)
W–B (RHD)
E3
E1


E1(A), E2(B), E3(C)
Main Body ECU
GND2
GND3
RFGO
TRLY
CANL
CANH
(BAT)
150A
LH–J/B
7. 5A
RR FOG
TAIL Relay
RR FOG
Relay
15A
TAIL
E62
Junction
Connector
E67(A), E116(B)
Junction Connector
E72
Junction
Connector
E69
Junction
Connector
E75
Junction
Connector
O6
Rear Fog Light
Assembly LH
O5
Rear Fog Light
Assembly RH
OK1
JK1
E1
E2
J2
(LHD)
(RHD)
(RHD *3)
(RHD *4)
(*5)
(*6)

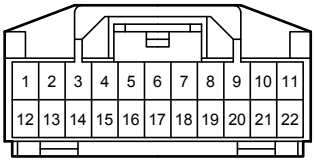



* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production
* 3 : Before Jan. 2013 Production
* 4 : From Jan. 2013 Production
* 5 : RHD, LHD Before Aug. 2013 Production
* 6 : LHD From Aug. 2013 Production

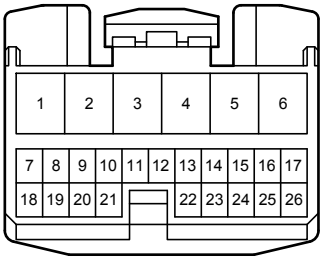
A 37
Blue



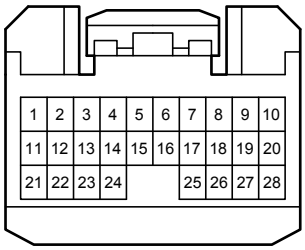

C 52
Blue



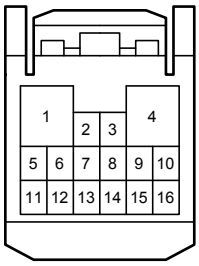

E 1
White



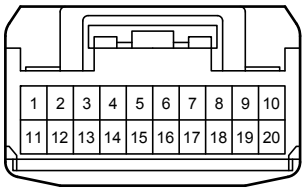

E 2
White



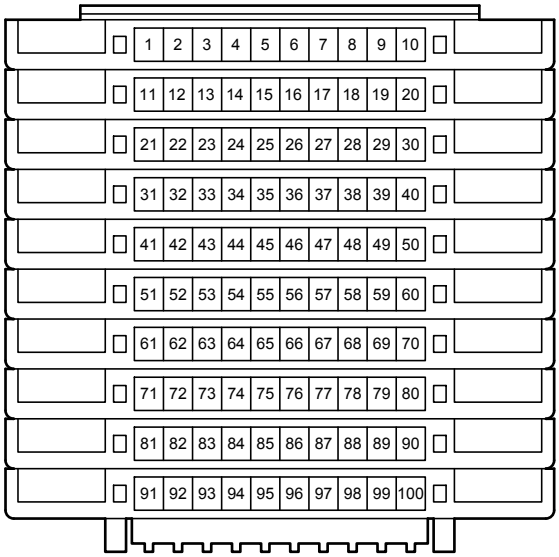

E 3
White



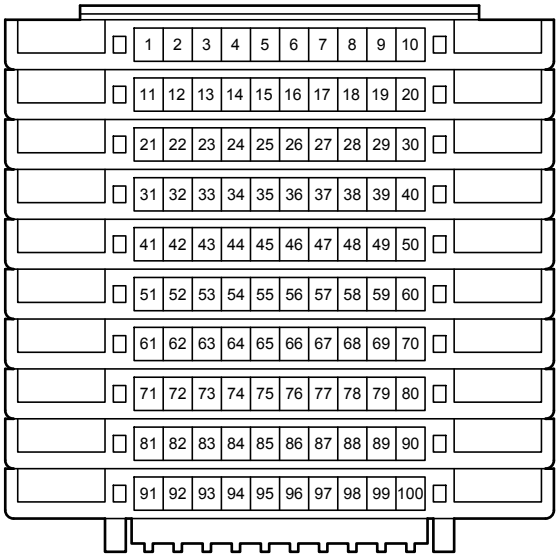

E 14
White



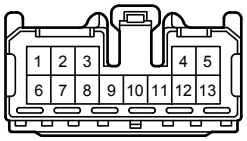

E 59
White



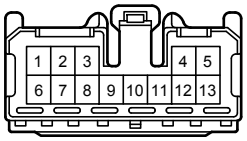

E 60
White



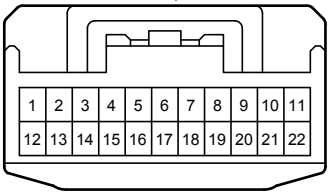

E 62
White



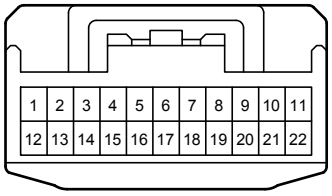

E 67
White



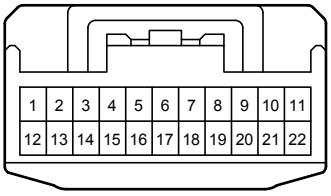

E 69
Gray



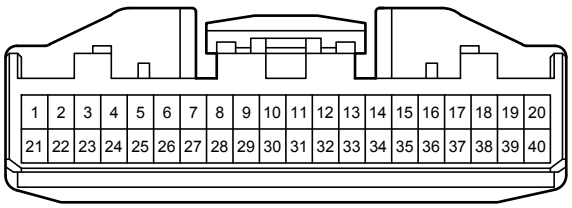
E 72
Gray



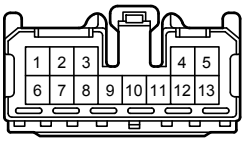

E 75
Gray



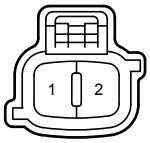

E 77
White



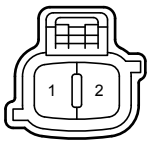

E116
White



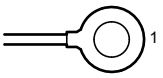

O 5
White



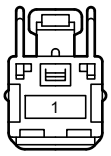

O 6
White



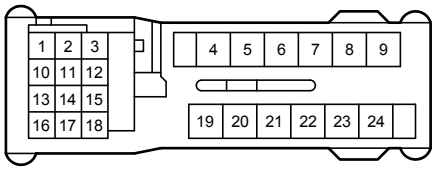

1I



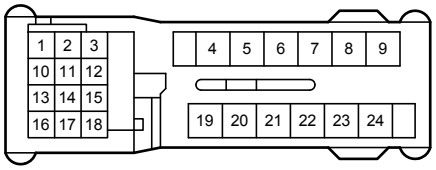

2A
White



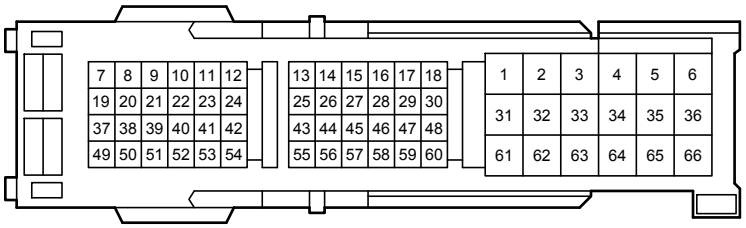

2B
White



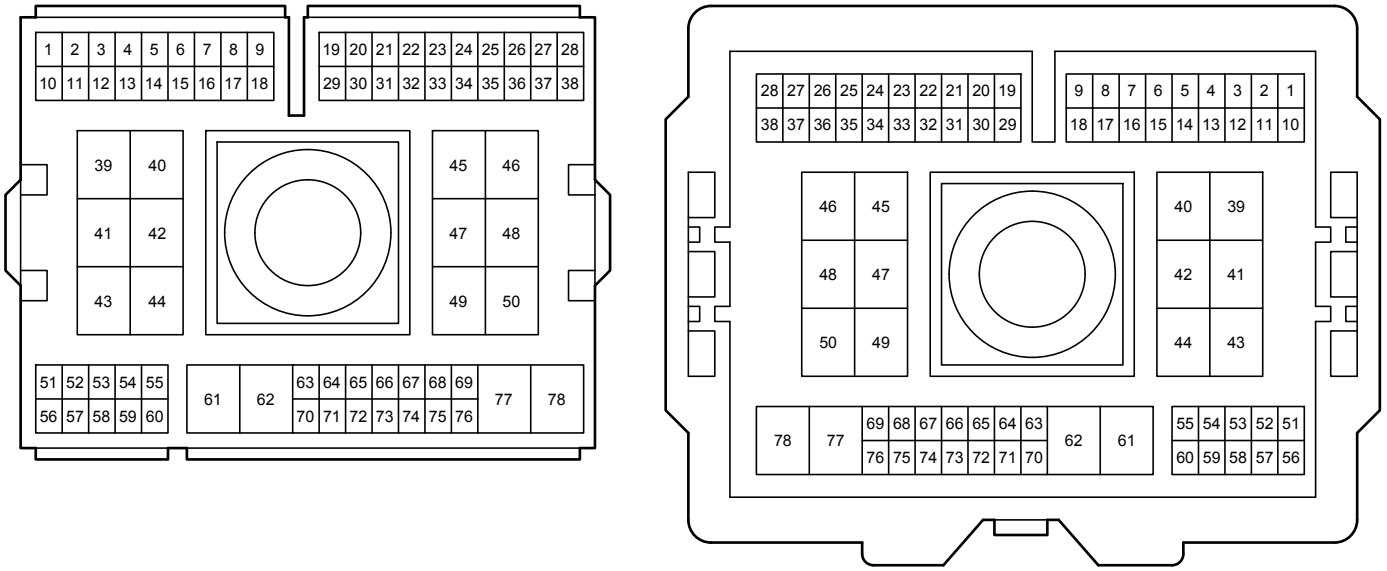

2C
White




2D
White

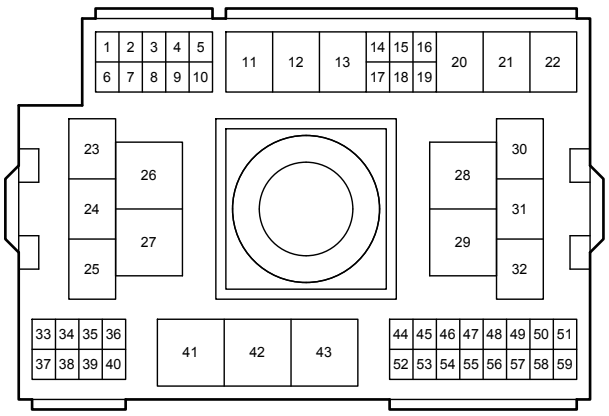



EA1
White

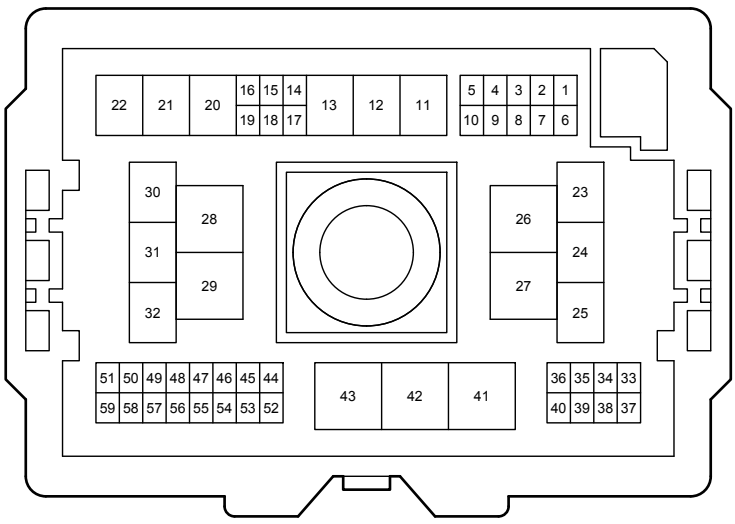


EA2

White

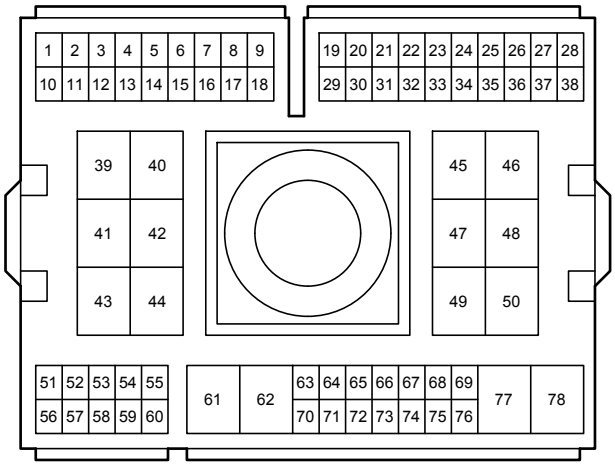


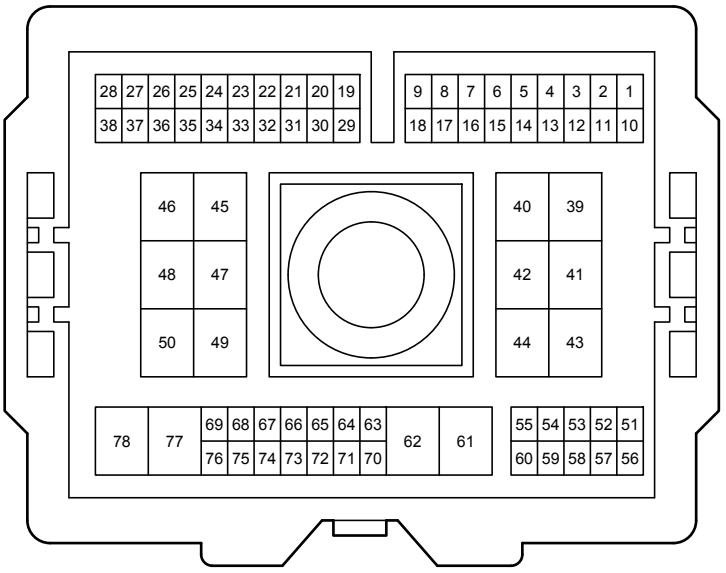

Gray




EA3

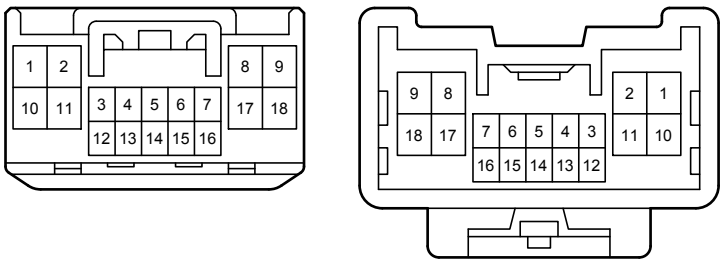
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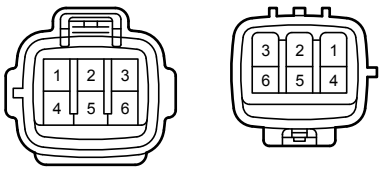

JK1

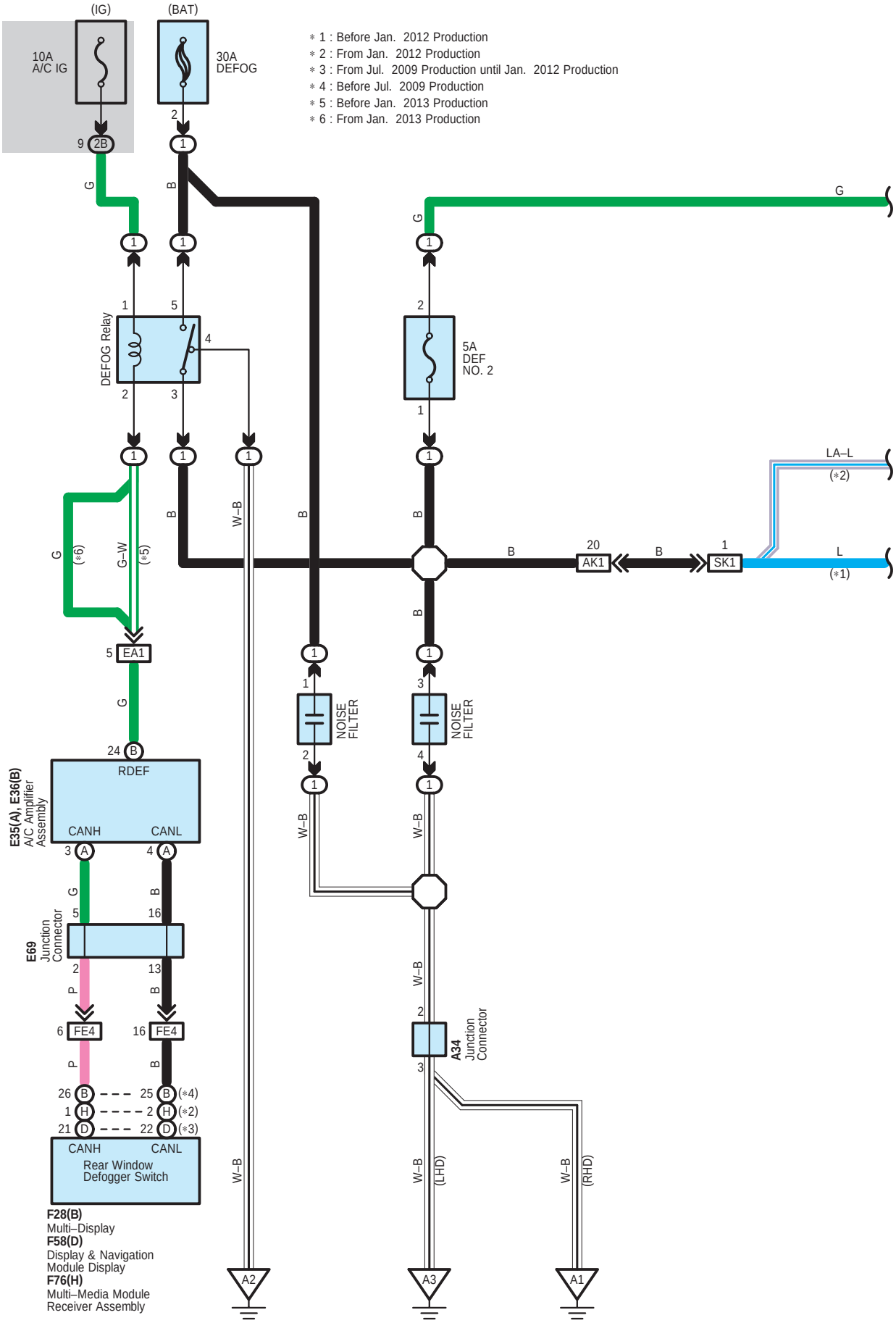
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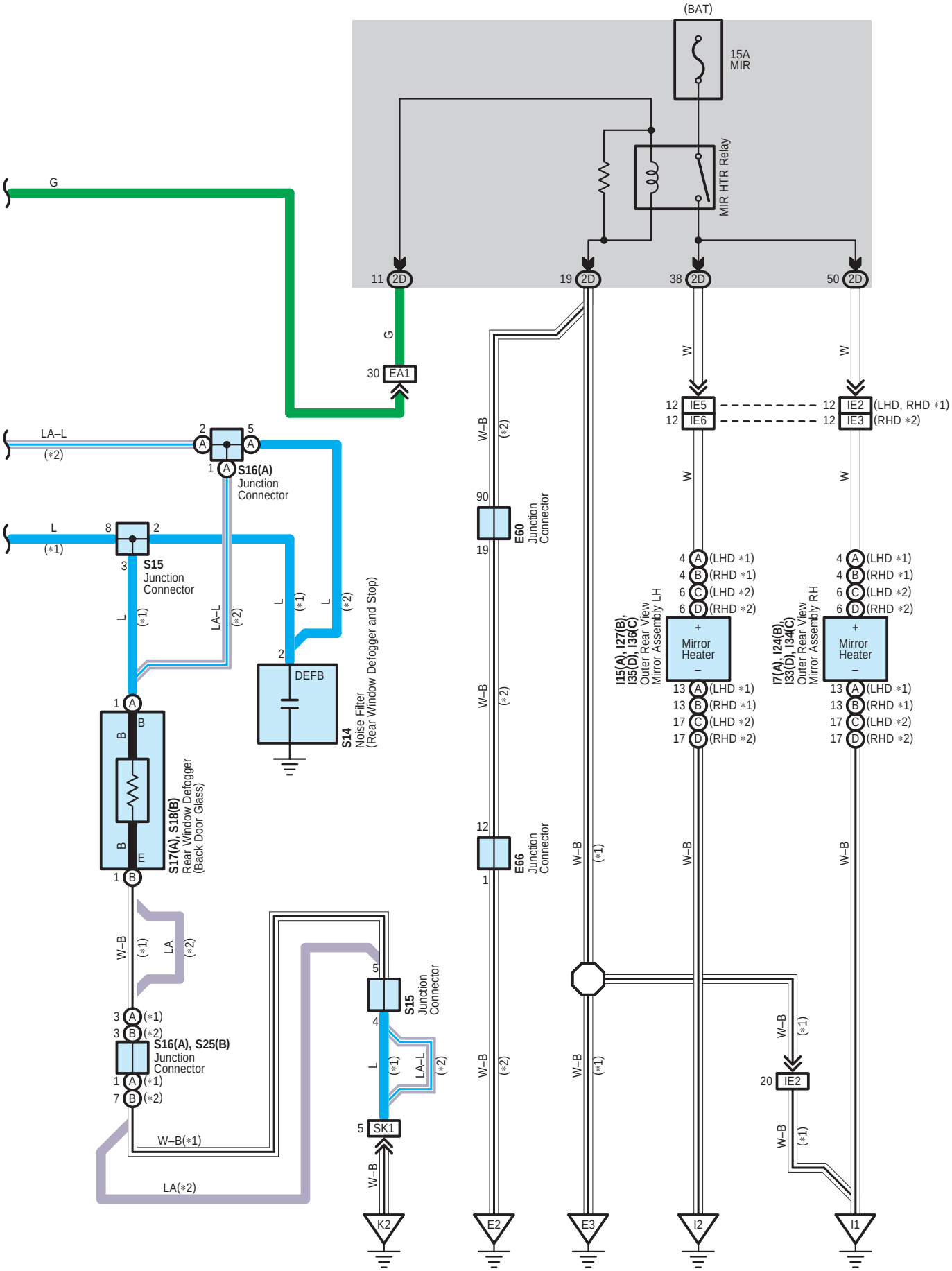



OK1

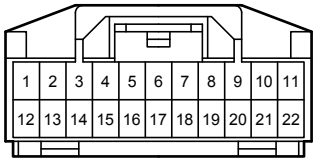
Black



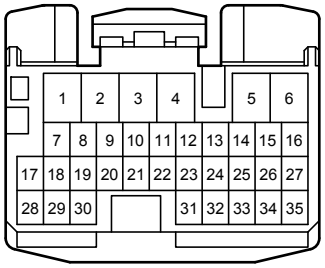

(IG)
(BAT)
10A
A/C IG
30A
DEFOG
∗ 1 : Before Jan. 2012 Production
∗ 2 : From Jan. 2012 Production
∗ 3 : From Jul. 2009 Production until Jan. 2012 Production
∗ 4 : Before Jul. 2009 Production
∗ 5 : Before Jan. 2013 Production
∗ 6 : From Jan. 2013 Production
DEFOG Relay
5A
DEF
NO. 2
NOISE
FILTER
NOISE
FILTER
LA–L
(∗2)
L
(∗1)
AK1
SK1
EA1
RDEF
E35(A), E36(B)
A/C Amplifier
Assembly
CANH
CANL
E69
Junction
Connector
FE4
FE4
Rear Window
Defogger Switch
CANH
CANL
A34
Junction
Connector
(LHD)
(RHD)
A2
A3
A1
F28(B)
Multi–Display
F58(D)
Display & Navigation
Module Display
F76(H)
Multi–Media Module
Receiver Assembly


(BAT)
15A
MIR
MIR HTR Relay
11 2D
19 2D
38 2D
50 2D
G
30 EA1
W
12 IE5
12 IE6
12 IE2 (LHD, RHD *1)
12 IE3 (RHD *2)
LA–L
(*2)
2 A
5 A
1 A S16(A)
Junction
Connector
L
8
2
3 S15
Junction
Connector
(*1)
LA–L
(*2)
L
(*1)
L
(*2)
2
DEFB
S14
Noise Filter
(Rear Window Defogger and Stop)
W–B
(*2)
90
19
E60
Junction
Connector
4 A (LHD *1)
4 B (RHD *1)
6 C (LHD *2)
6 D (RHD *2)
I15(A), I27(B),
I35(D), I36(C)
Outer Rear View
Mirror Assembly LH
Mirror
Heater
13 A (LHD *1)
13 B (RHD *1)
17 C (LHD *2)
17 D (RHD *2)
I7(A), I24(B),
I33(D), I34(C)
Outer Rear View
Mirror Assembly RH
1 A
B
B
B
m
1 B
S17(A), S18(B)
Rear Window Defogger
(Back Door Glass)
12
1
E66
Junction
Connector
W–B
(*1)
LA
(*2)
5
4
S15
Junction
Connector
3 A (*1)
3 B (*2)
S16(A), S25(B)
Junction
Connector
1 A (*1)
7 B (*2)
L
(*1)
LA–L
(*2)
20 IE2
5 SK1
W–B(*1)
LA(*2)
K2
E2
E3
I2
I1

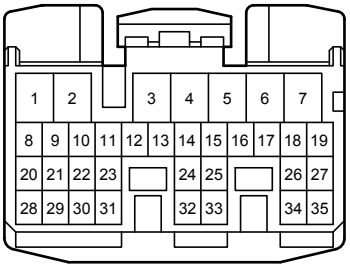
A 34
White



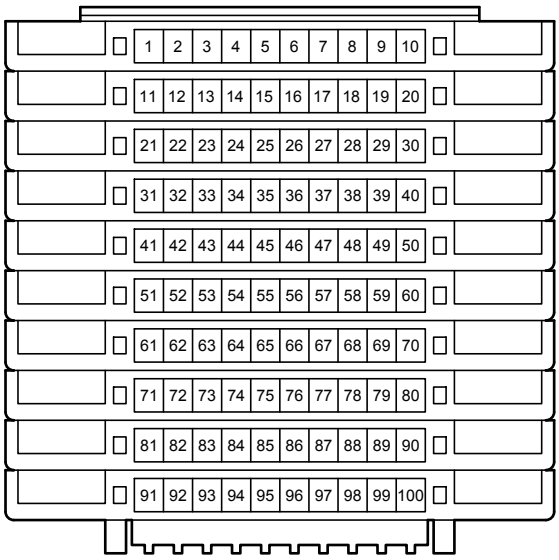

E 35
White



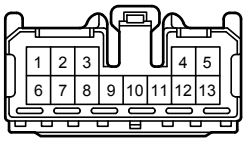

E 36
White



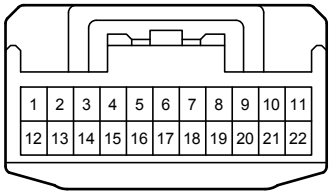

E 60
White



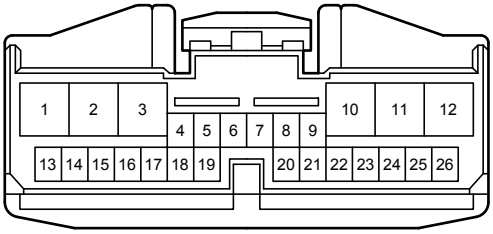

E 66
White



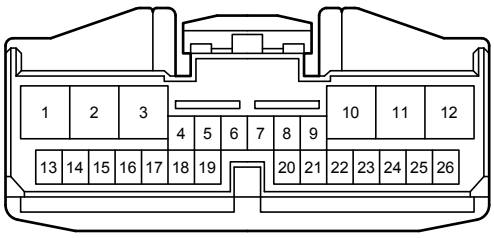

E 69
Gray



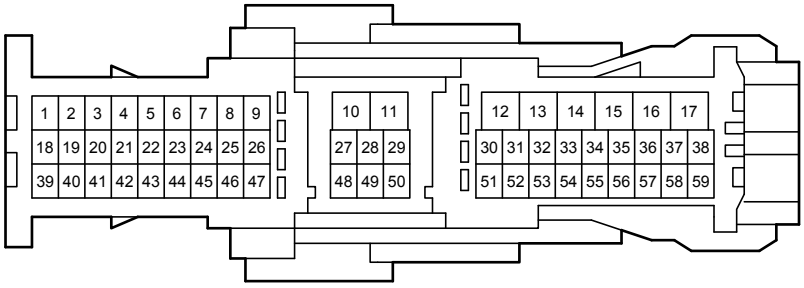

F 28
White



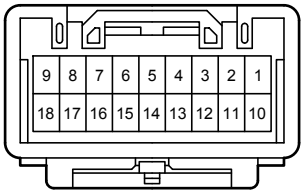

F 58
White



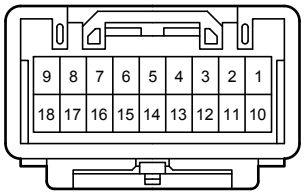
F 76
White



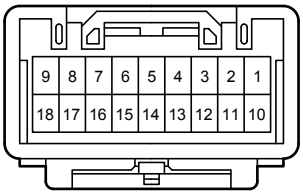

I 7
White



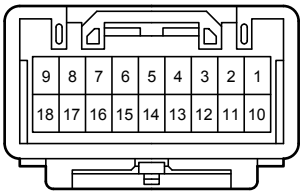

I 15
White



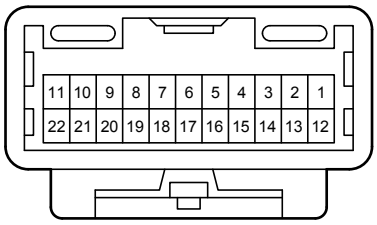

I 24
White



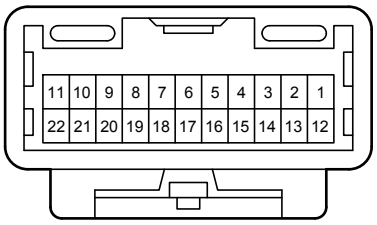

I 27
White



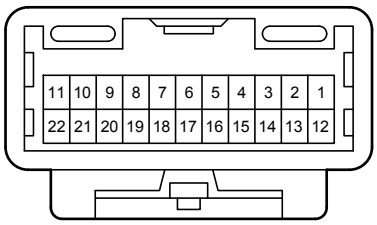

I 33
White



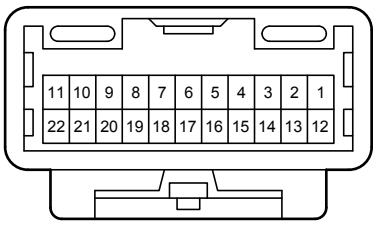

I 34
White



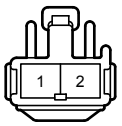

I 35
White



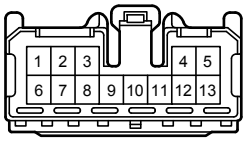

I 36
White



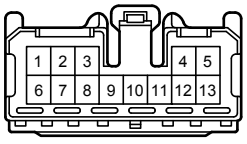

S 14
Black



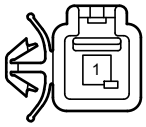

S 15
White



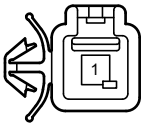

S 16
White



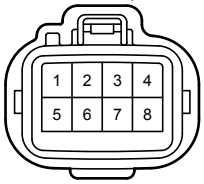

S 17
White



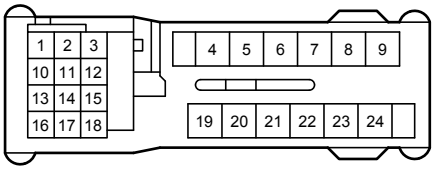

S 18
White



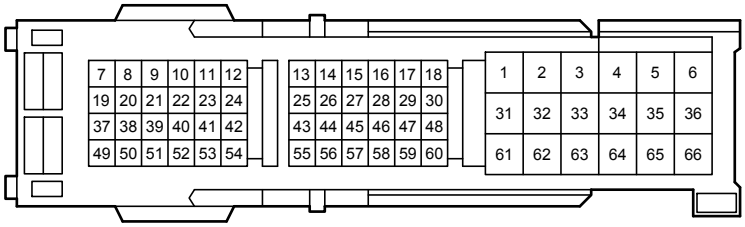

S 25
Dark Gray



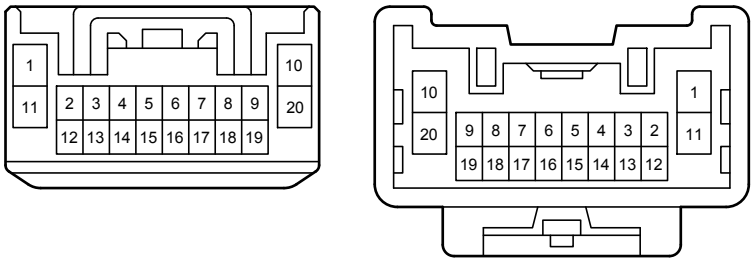

2B
White



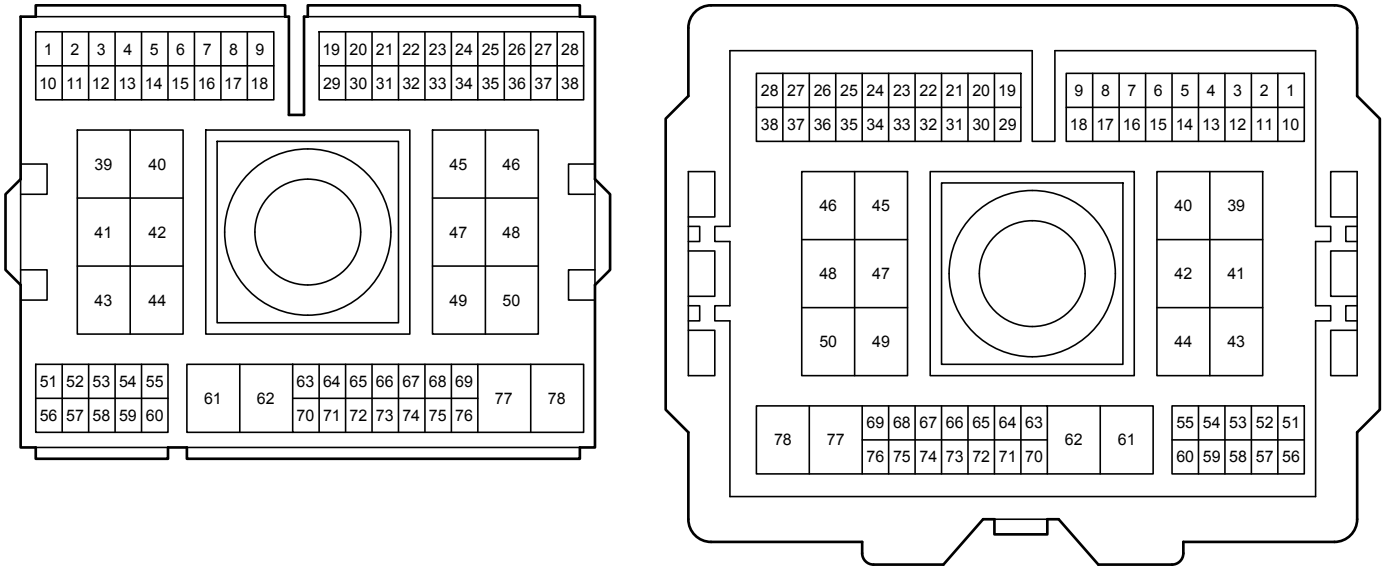
2D
White



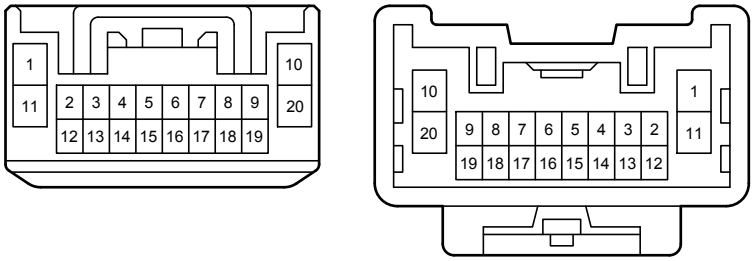

AK1
Blue



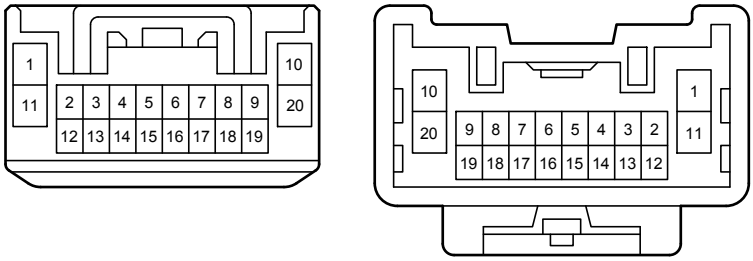

EA1
White



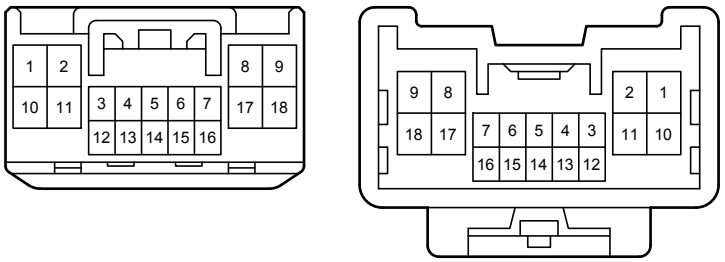

FE4
White



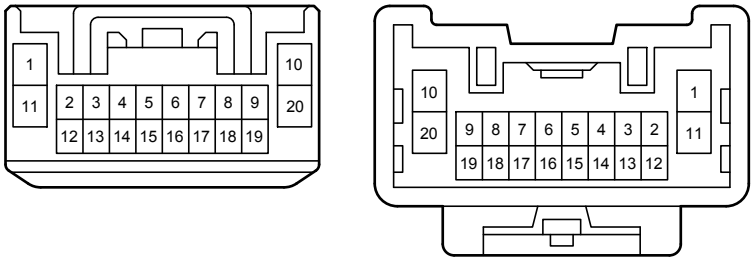
IE2
Blue



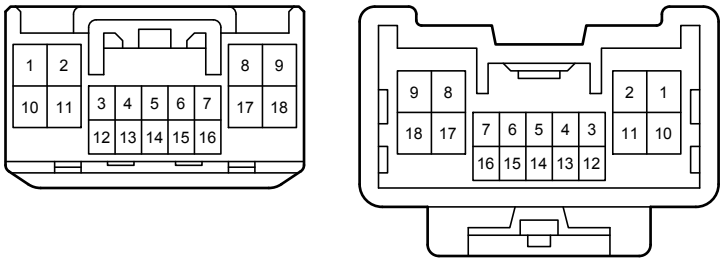

IE3
White

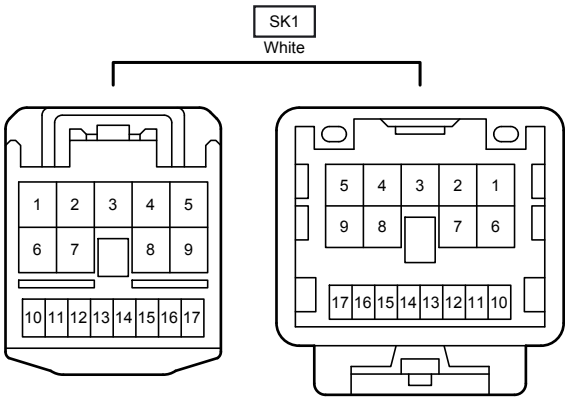


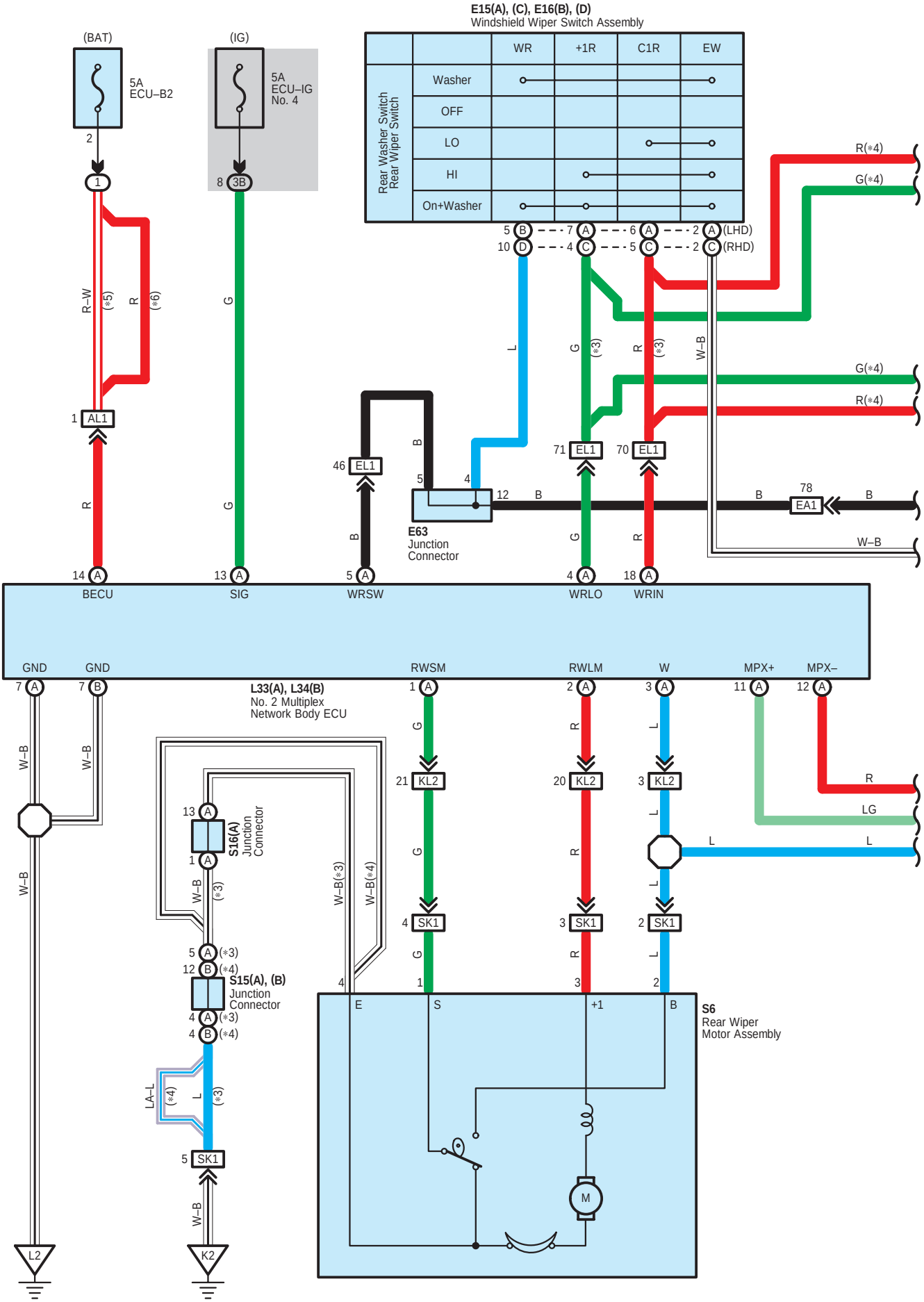

IE5
Blue

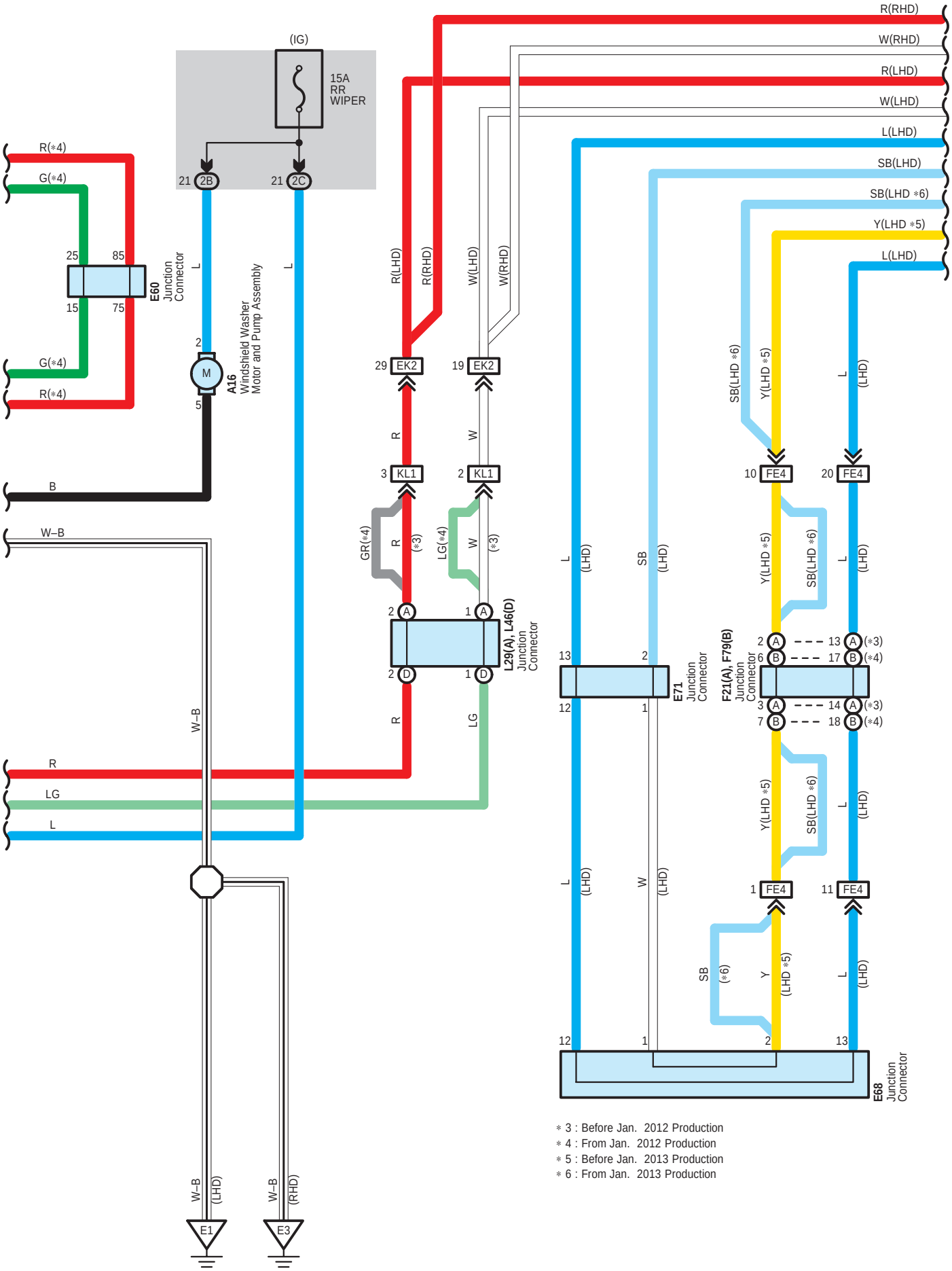



IE6
White

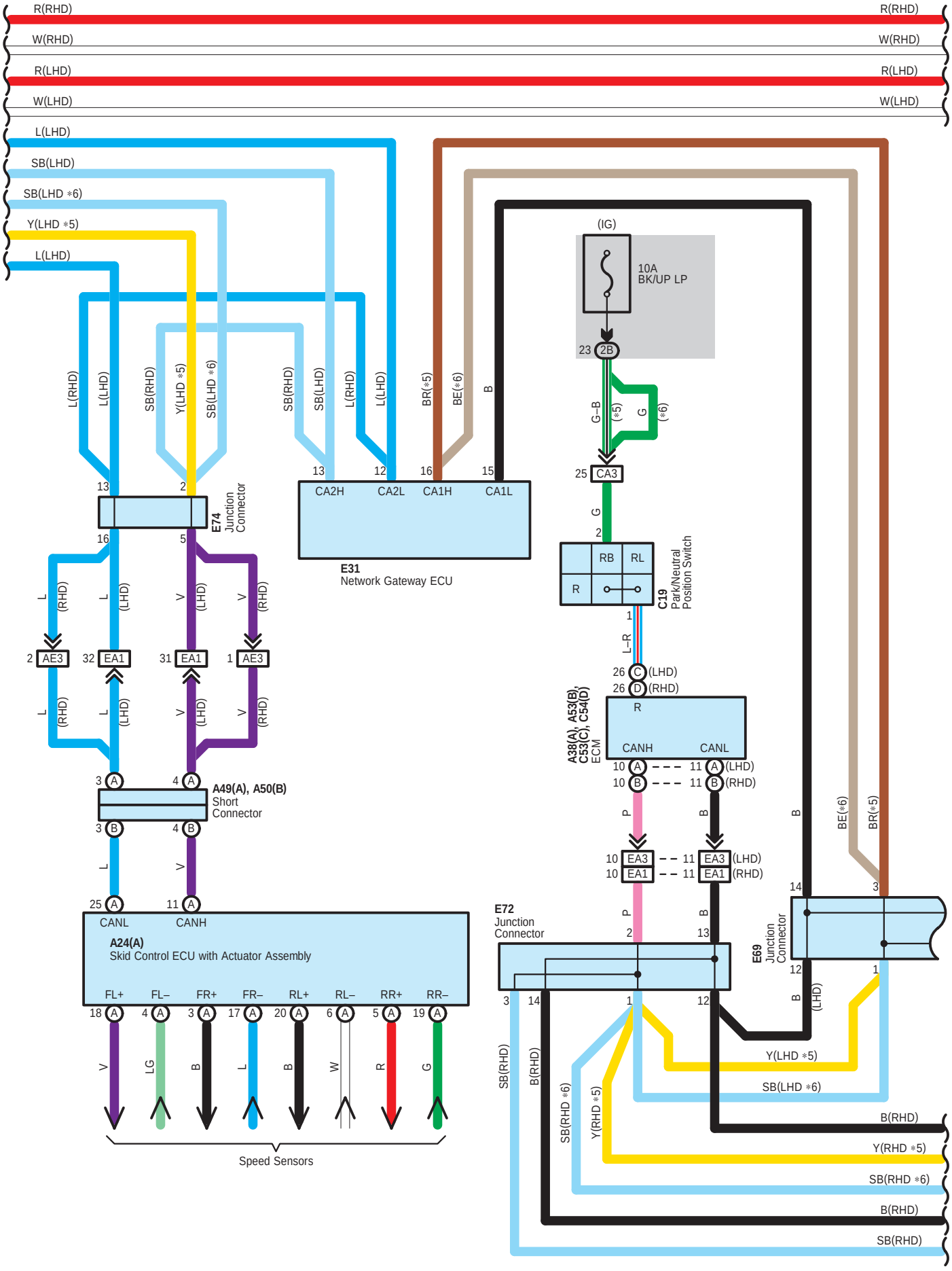


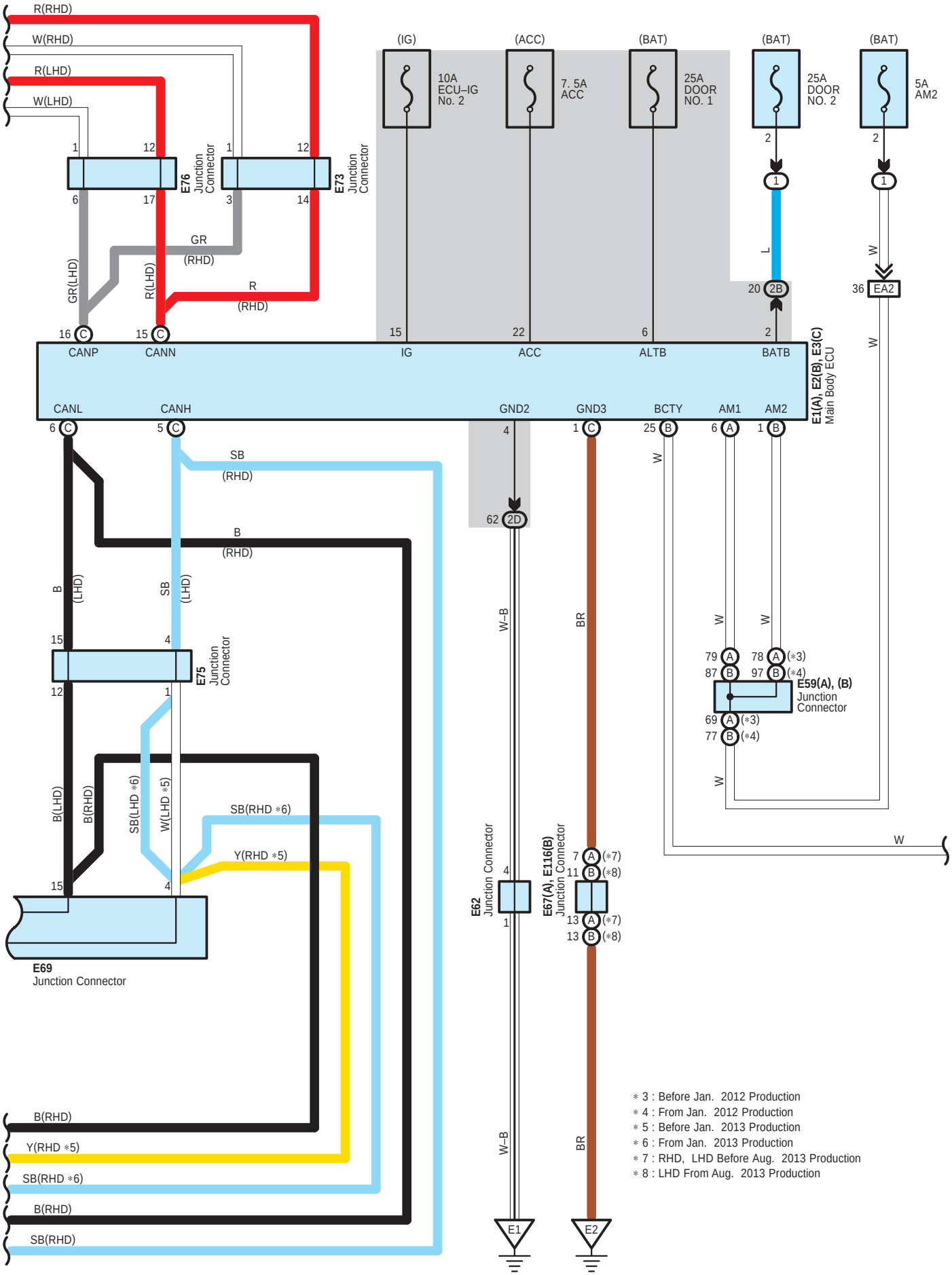

SK1
White
1 2 3 4 5
6 7 8 9
10 11 12 13 14 15 16 17
5 4 3 2 1
9 8 7 6
17 16 15 14 13 12 11 10


E15(A), (C), E16(B), (D)
Windshield Wiper Switch Assembly
WR
+1R
C1R
EW
Rear Washer Switch
Rear Wiper Switch
Washer
OFF
LO
HI
On+Washer
(BAT)
(IG)
5A
ECU–B2
5A
ECU–IG
No. 4
E63
Junction
Connector
BECU
SIG
WRSW
WRLO
WRIN
GND
GND
L33(A), L34(B)
No. 2 Multiplex
Network Body ECU
RWSM
RWLM
W
MPX+
MPX–
S16(A)
Junction
Connector
S15(A), (B)
Junction
Connector
S6
Rear Wiper
Motor Assembly
L2
K2
R(*4)
G(*4)
G(*4)
R(*4)
W–B
LG



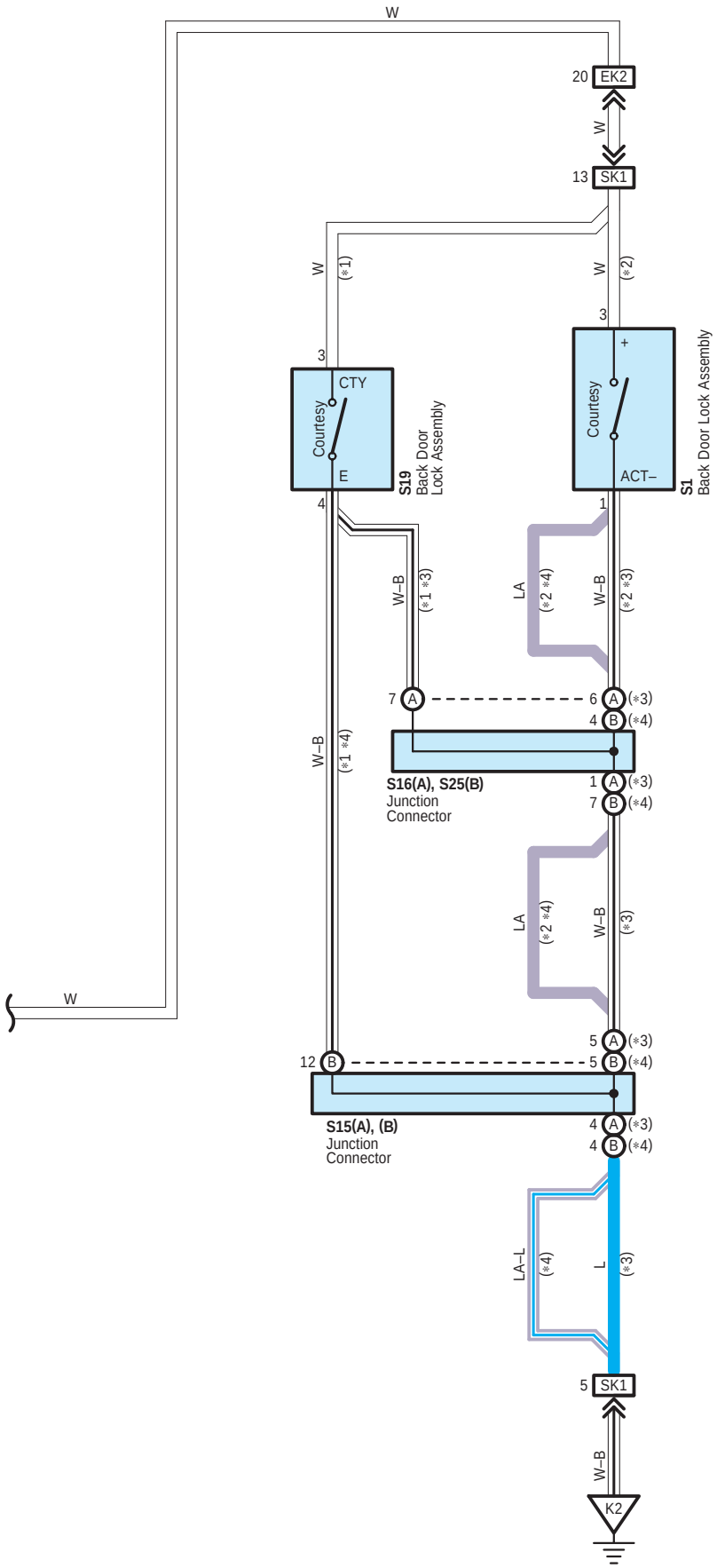

* 3 : Before Jan. 2012 Production
* 4 : From Jan. 2012 Production
* 5 : Before Jan. 2013 Production
* 6 : From Jan. 2013 Production


R(RHD)
W(RHD)
R(LHD)
W(LHD)
L(LHD)
SB(LHD)
SB(LHD *6)
Y(LHD *5)
L(LHD)
R(RHD)
W(RHD)
R(LHD)
W(LHD)
(IG)
10A
BK/UP LP
23 2B
G–B
(*5)
G
(*6)
25 CA3
G
2
RB
RL
R
C19
Park/Neutral
Position Switch
1
L–R
26 C (LHD)
26 D (RHD)
R
CANH
CANL
A38(A), A53(B),
C53(C), C54(D)
ECM
10 A
11 A (LHD)
10 B
11 B (RHD)
P
B
10 EA3
10 EA1
11 EA3 (LHD)
11 EA1 (RHD)
P
B
2
13
E72
Junction
Connector
3
14
1
12
E69
Junction
Connector
14
3
12
1
B
(LHD)
BE(*6)
BR(*5)
B
L(RHD)
L(LHD)
SB(RHD)
Y(LHD *5)
SB(LHD *6)
SB(RHD)
SB(LHD)
L(RHD)
L(LHD)
BR(*5)
BE(*6)
B
13
2
16
5
E74
Junction
Connector
13
CA2H
12
CA2L
16
CA1H
15
CA1L
E31
Network Gateway ECU
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 A
4 A
A49(A), A50(B)
Short
Connector
3 B
4 B
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
SB(RHD)
B(RHD)
SB(RHD *6)
Y(RHD *5)
Y(LHD *5)
SB(LHD *6)
B(RHD)
Y(RHD *5)
SB(RHD *6)
B(RHD)
SB(RHD)

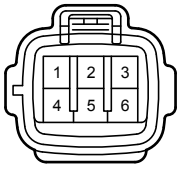



∗ 3 : Before Jan. 2012 Production
∗ 4 : From Jan. 2012 Production
∗ 5 : Before Jan. 2013 Production
∗ 6 : From Jan. 2013 Production
∗ 7 : RHD, LHD Before Aug. 2013 Production
∗ 8 : LHD From Aug. 2013 Production

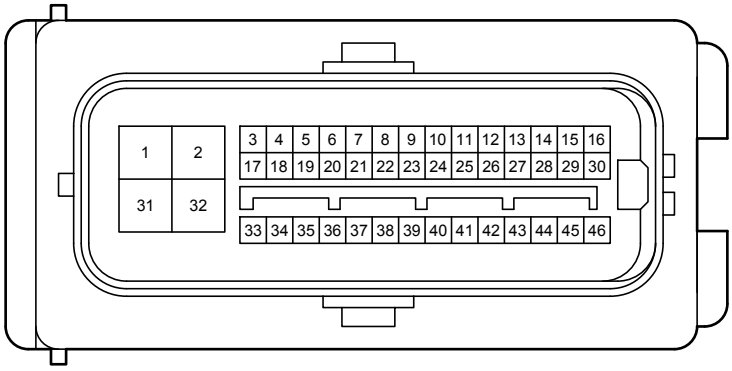
∗ 1 : w/ Power Back Door
∗ 2 : w/o Power Back Door
∗ 3 : Before Jan. 2012 Production
∗ 4 : From Jan. 2012 Production



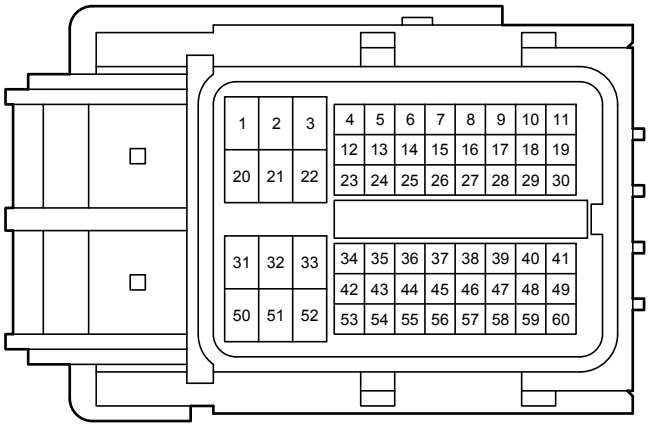
A 16
Gray




A 24
Black




A 38
Black



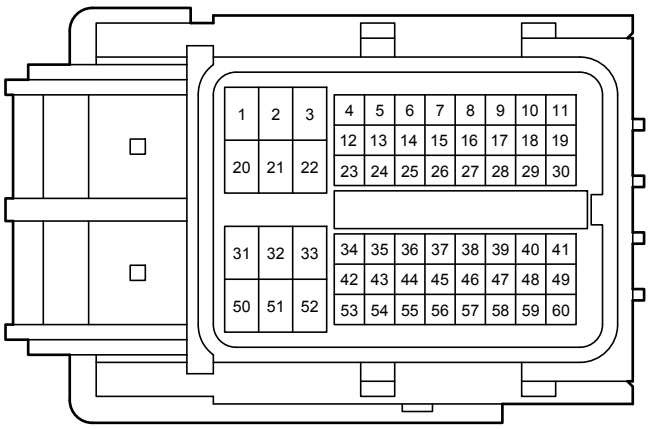

A 49
Gray



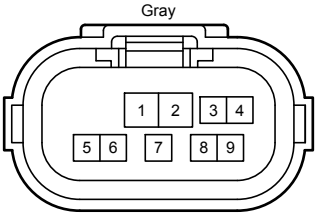

A 50
Gray



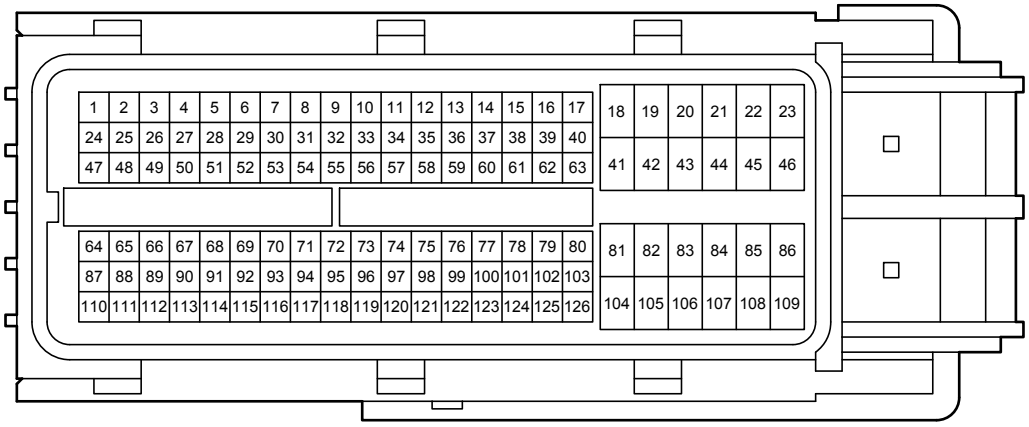

A 53
Black



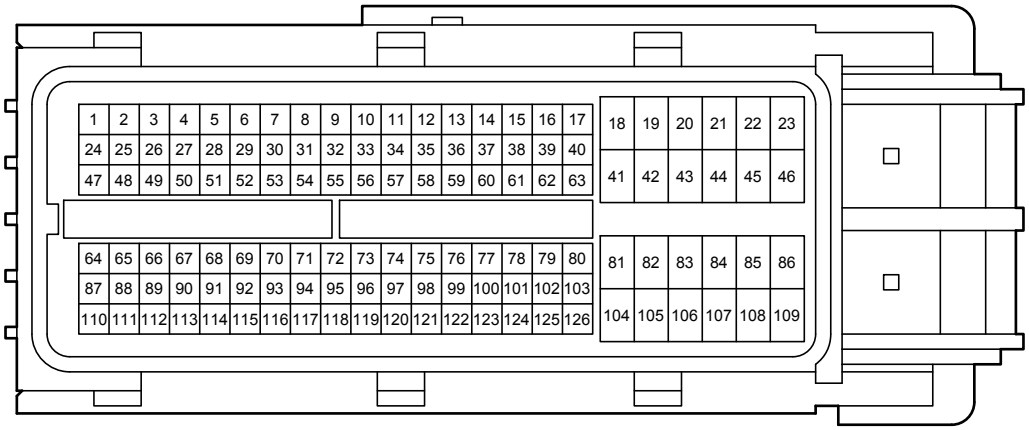

C 19
Gray



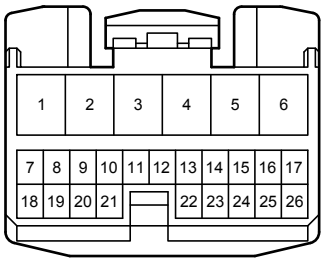
C 53
Black



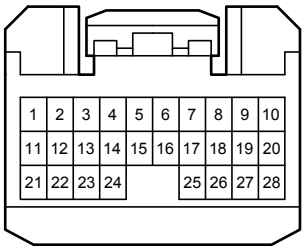

C 54
Black



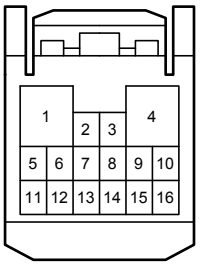

E 1
White



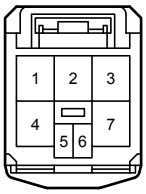

E 2
White



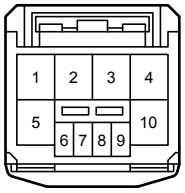

E 3
White



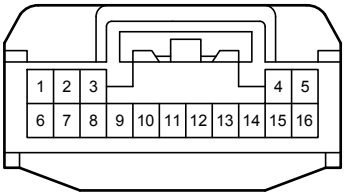

E 15
White



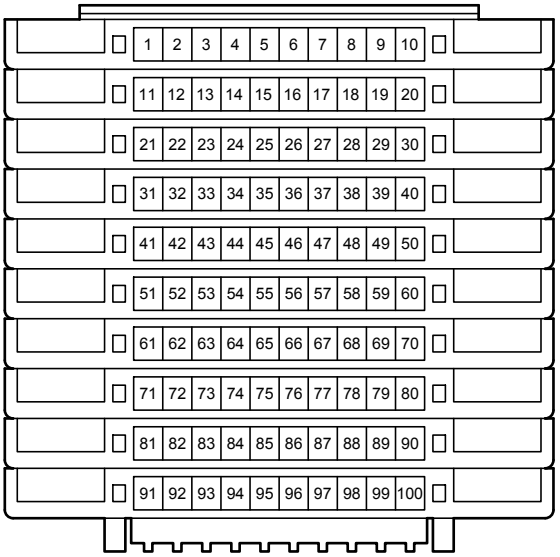
E 16
White



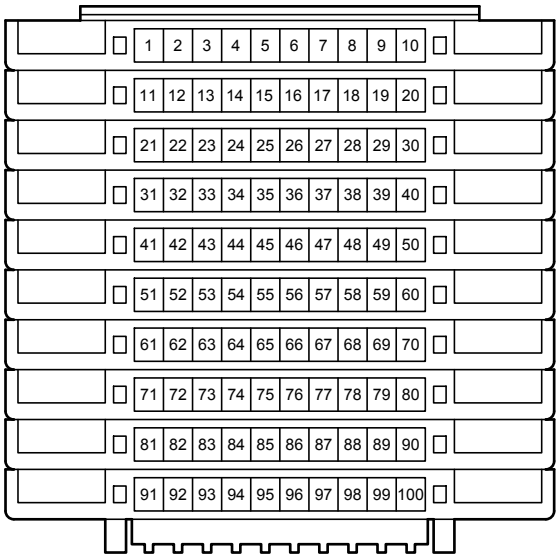

E 31
White



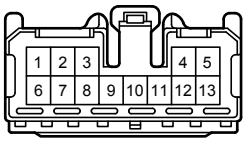

E 59
White



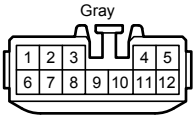

E 60
White



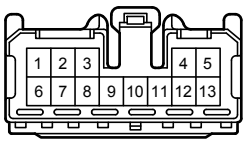

E 62
White



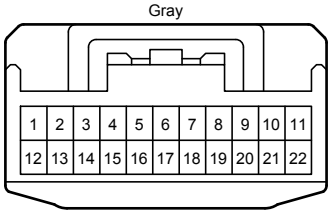

E 63
Gray



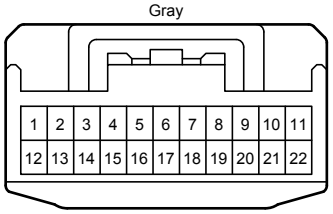

E 67
White



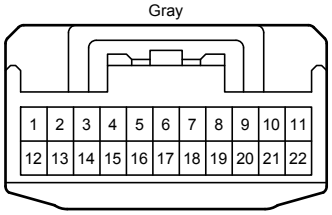

E 68
Gray



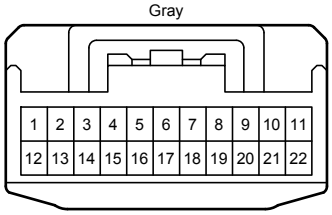

E 69
Gray



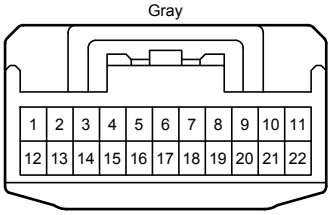

E 71
Gray



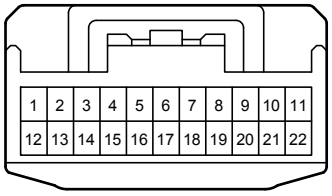

E 72
Gray



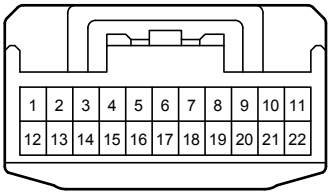

E 73
Gray



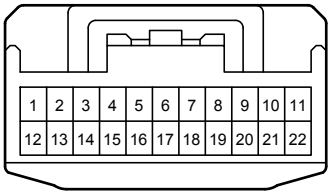
E 74
Gray



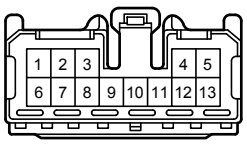

E 75
Gray



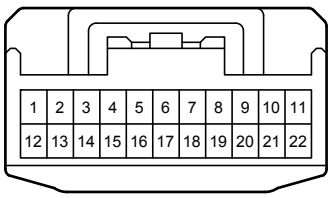

E 76
Gray



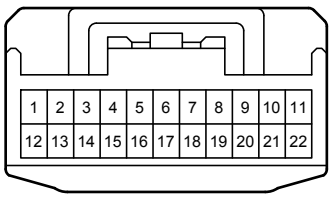

E116
White



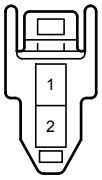

F 21
Black



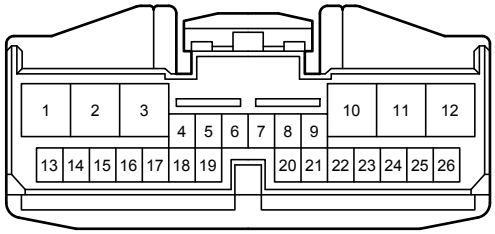

F 79
White



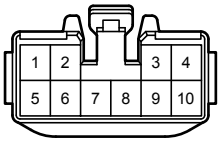

L 29
White



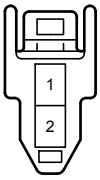

L 33
White



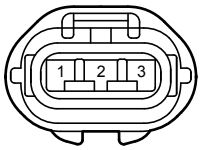

L 34
Blue



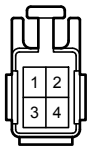

L 46
White



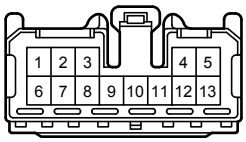

S 1
Black



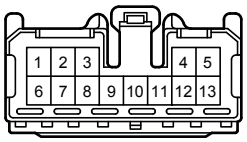

S 6
Black



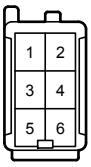

S 15
White



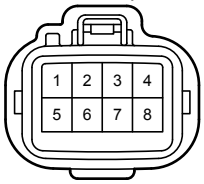

S 16
White



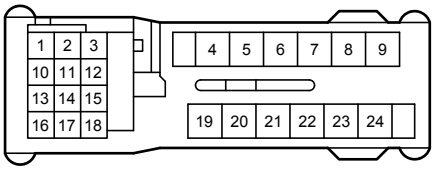

S 19
Black



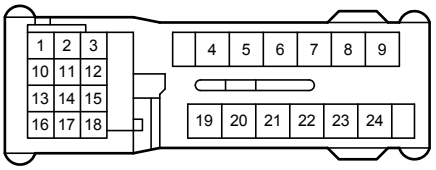

S 25
Dark Gray



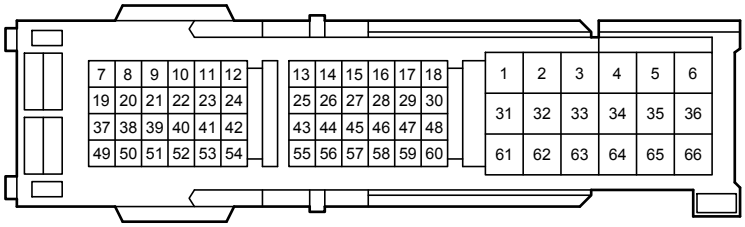

2B
White



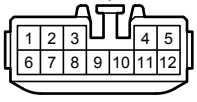

2C
White



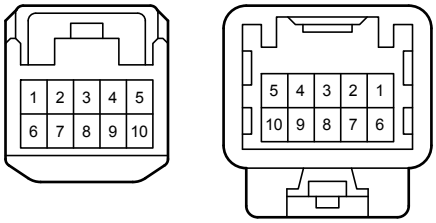

2D
White



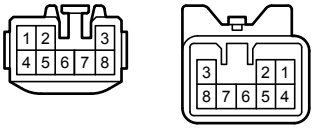

3B
Gray



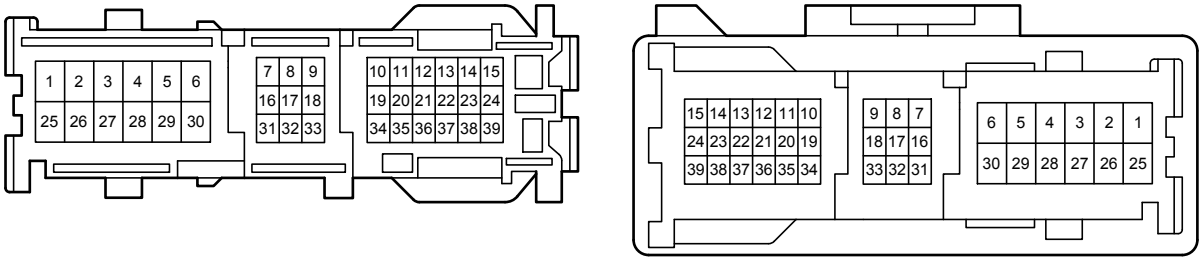
AE3
Gray



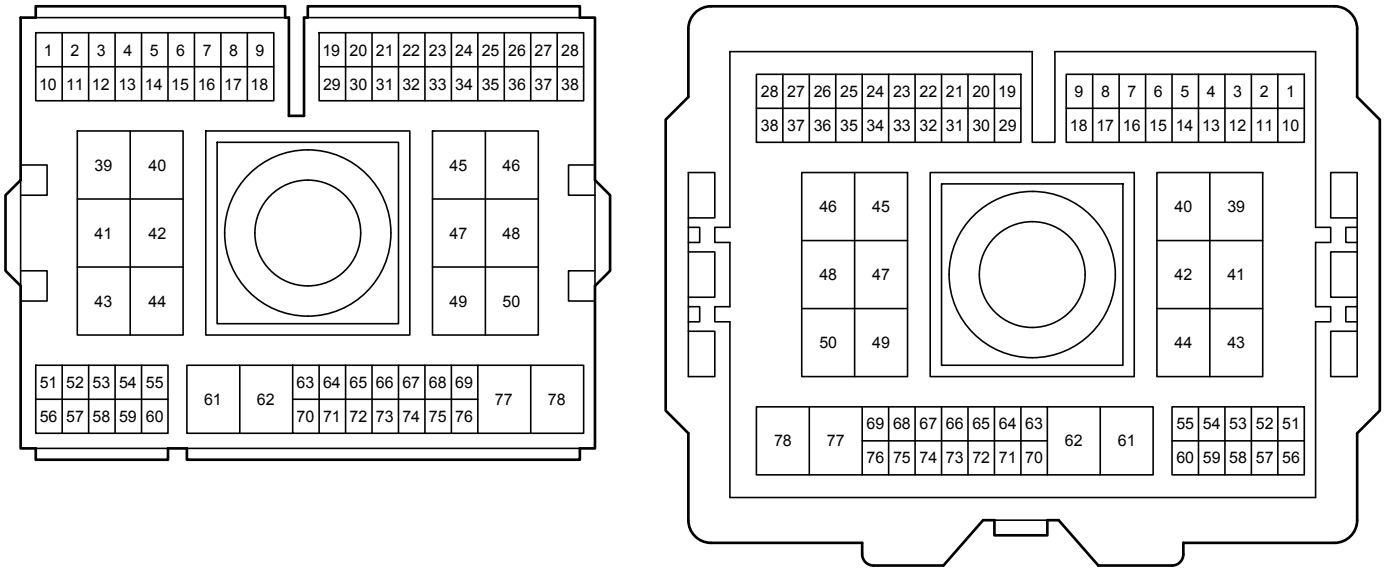

AL1
White




CA3
White

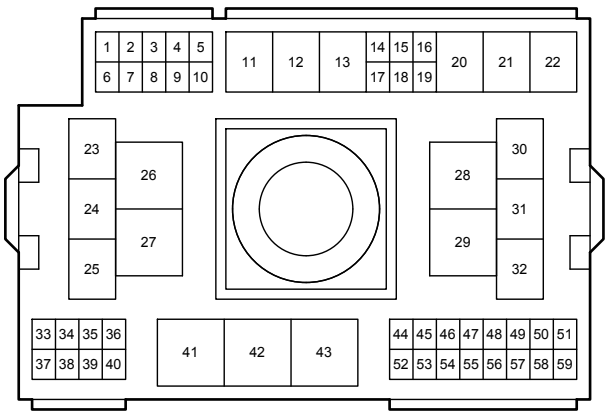



EA1
White

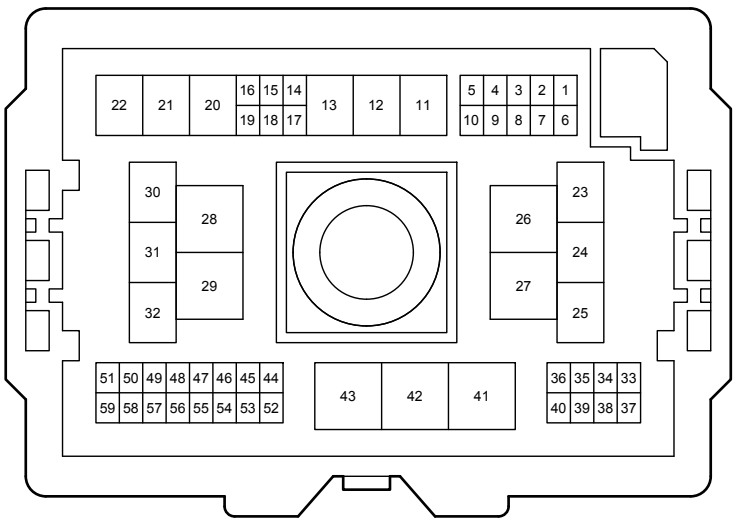


EA2

White

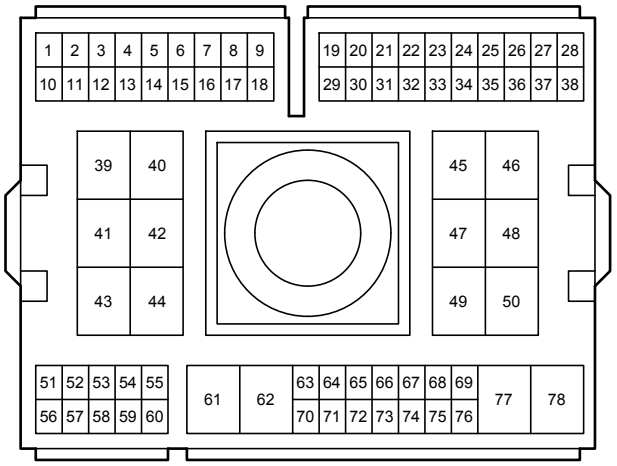


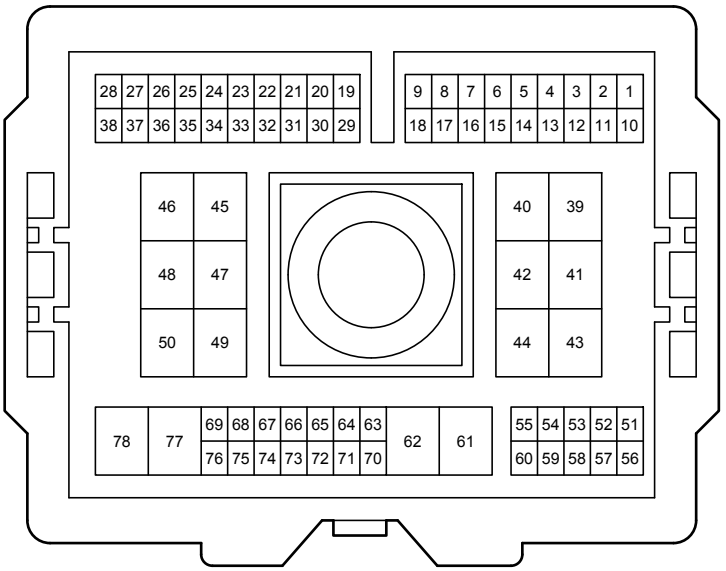

Gray



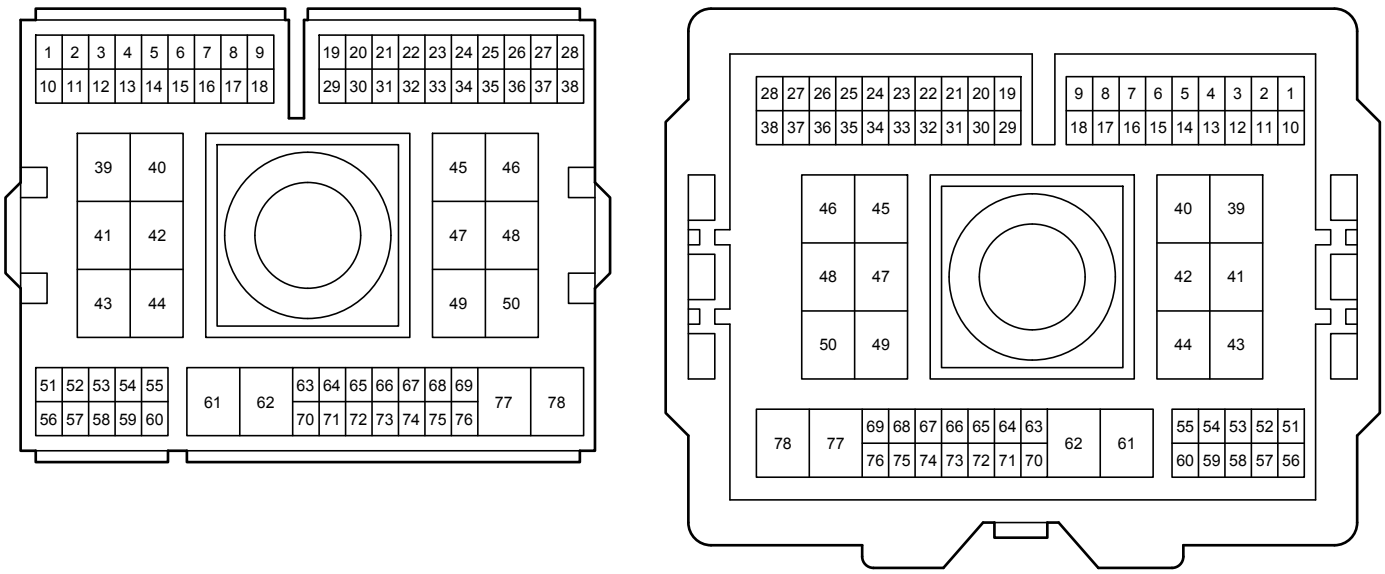

EA3

White

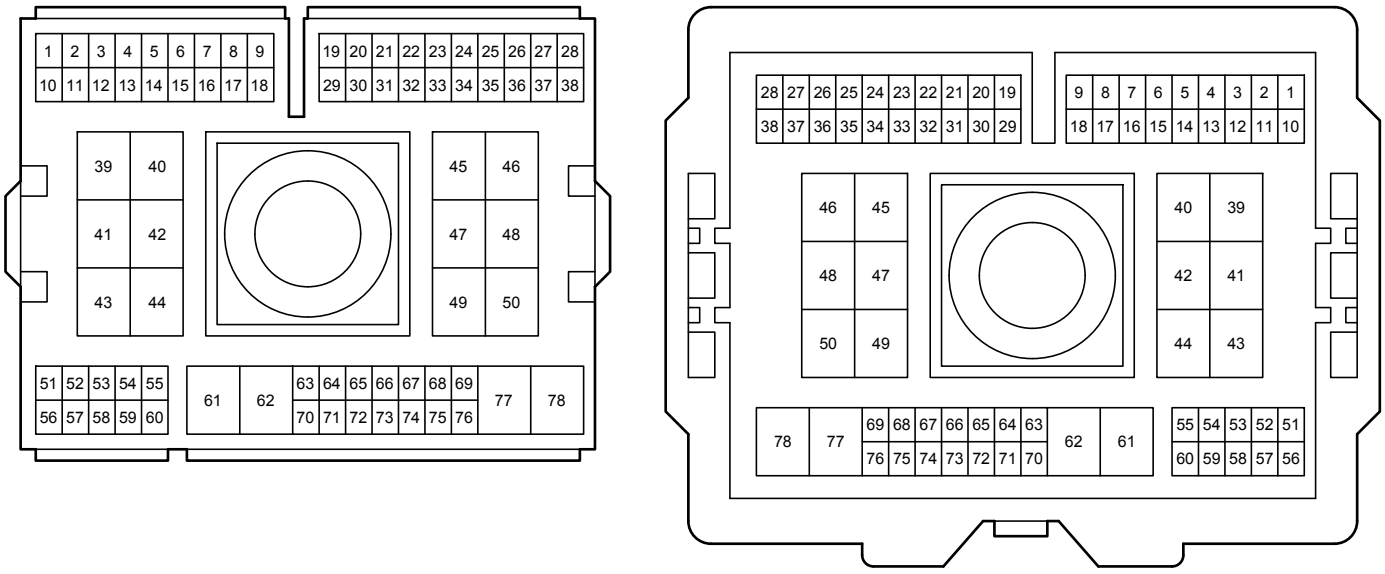


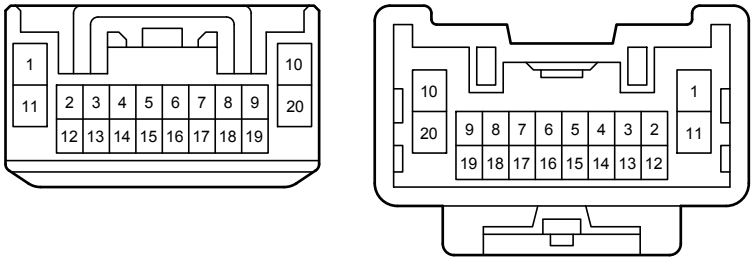
EK2
White



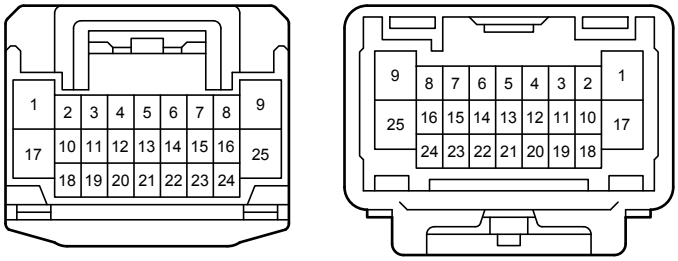

EL1
White



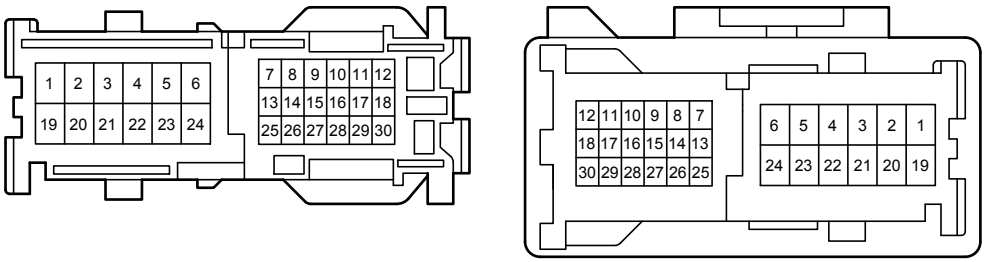

FE4
White



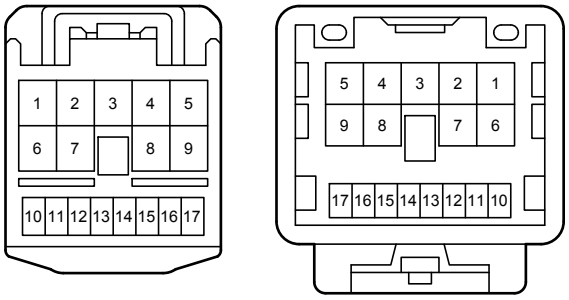
KL1
White

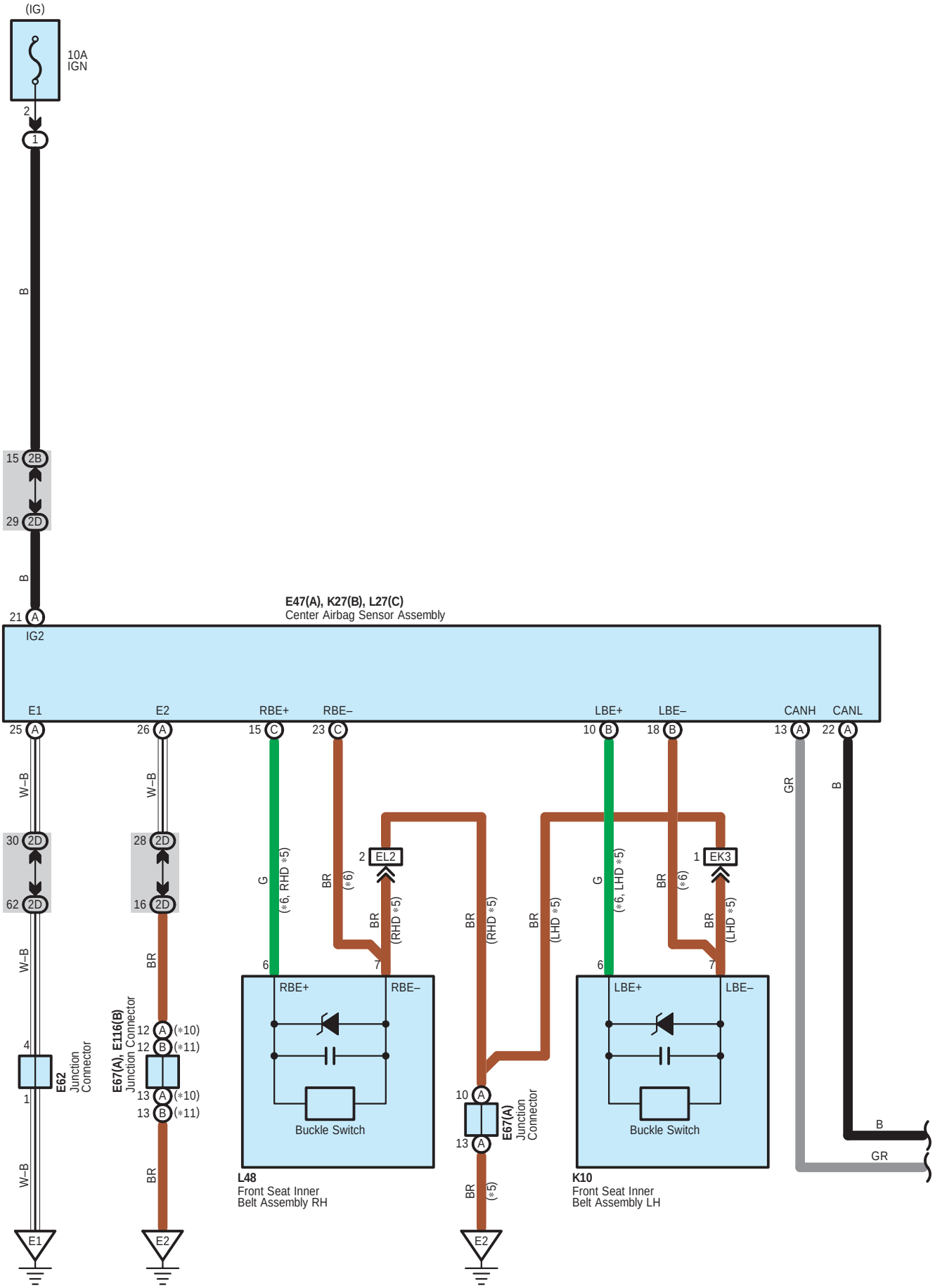


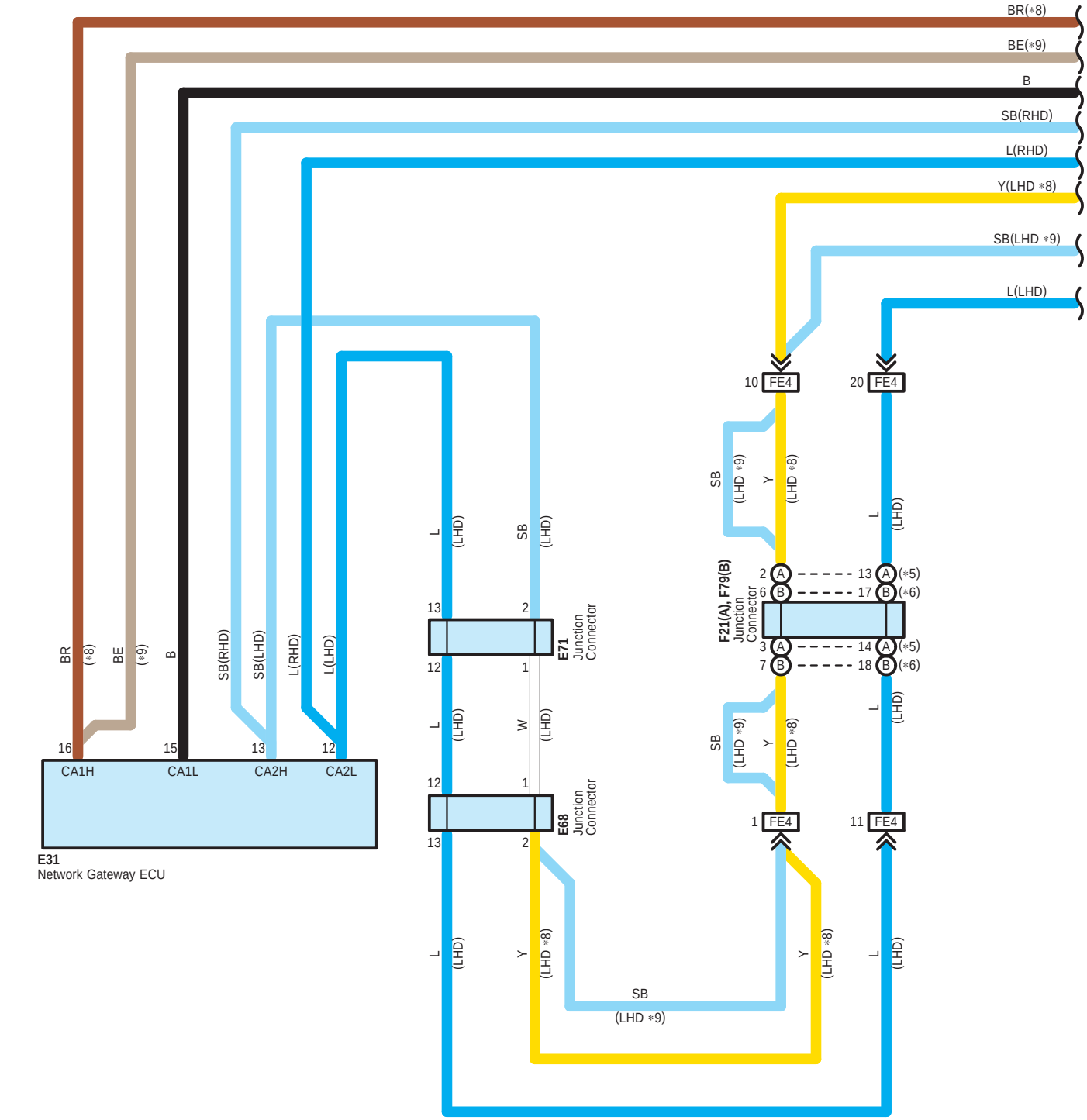

KL2
White




SK1
White

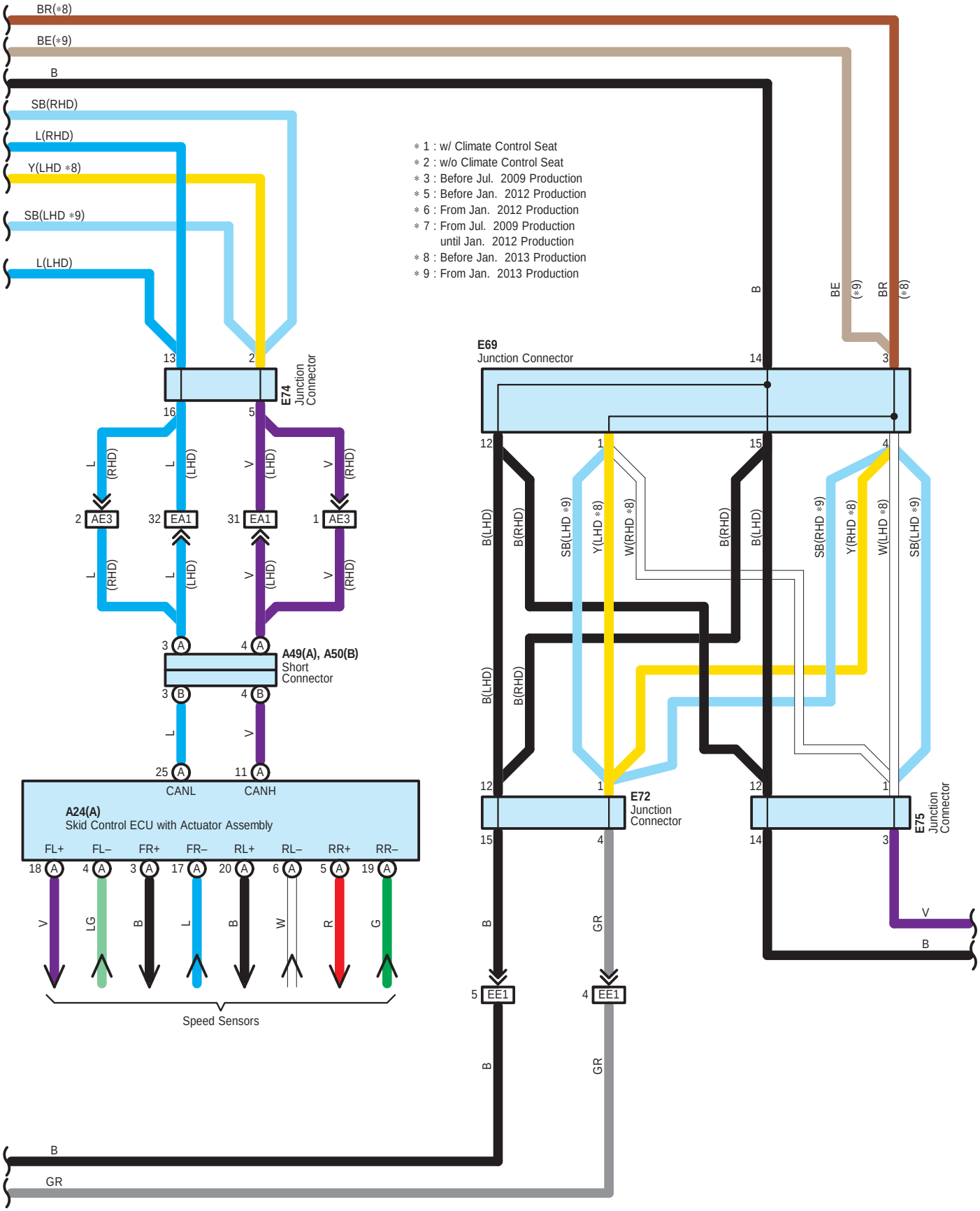


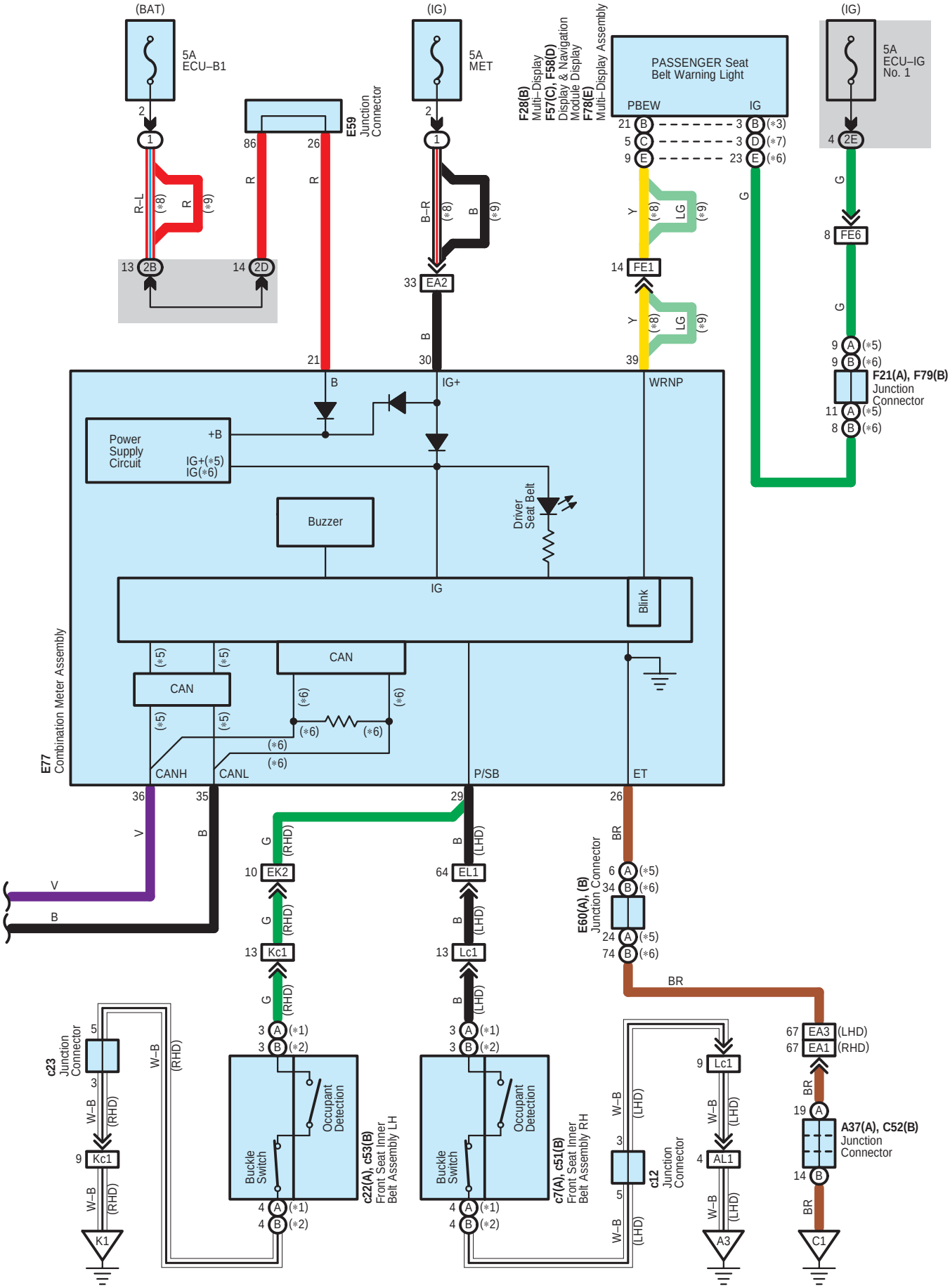

(IG)
10A
IGN
2
1
B
15 2B
29 2D
B
21 A
IG2
E47(A), K27(B), L27(C)
Center Airbag Sensor Assembly
E1
E2
RBE+
RBE–
LBE+
LBE–
CANH
CANL
25 A
26 A
15 C
23 C
10 B
18 B
13 A
22 A
W–B
W–B
GR
B
30 2D
28 2D
62 2D
16 2D
G
(*6, RHD *5)
BR
(*6)
2 EL2
BR
(RHD *5)
BR
(RHD *5)
BR
(LHD *5)
G
(*6, LHD *5)
BR
(*6)
1 EK3
BR
(LHD *5)
6
7
6
7
W–B
BR
4
1
E62
Junction
Connector
E67(A), E116(B)
Junction Connector
12 A (*10)
12 B (*11)
13 A (*10)
13 B (*11)
RBE+
RBE–
Buckle Switch
L48
Front Seat Inner
Belt Assembly RH
10 A
13 A
E67(A)
Junction
Connector
LBE+
LBE–
Buckle Switch
K10
Front Seat Inner
Belt Assembly LH
B
GR
W–B
BR
BR
(*5)
E1
E2
E2



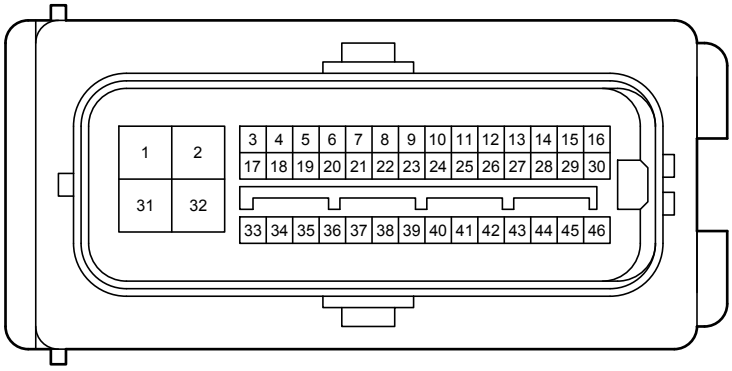

* 5 : Before Jan. 2012 Production
* 6 : From Jan. 2012 Production
* 8 : Before Jan. 2013 Production
* 9 : From Jan. 2013 Production
*10 : Before Aug. 2013 Production
*11 : From Aug. 2013 Production



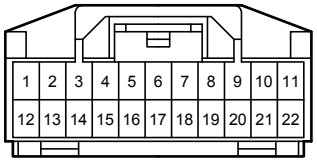

BR(*8)
BE(*9)
B
SB(RHD)
L(RHD)
Y(LHD *8)
SB(LHD *9)
L(LHD)
* 1 : w/ Climate Control Seat
* 2 : w/o Climate Control Seat
* 3 : Before Jul. 2009 Production
* 5 : Before Jan. 2012 Production
* 6 : From Jan. 2012 Production
* 7 : From Jul. 2009 Production until Jan. 2012 Production
* 8 : Before Jan. 2013 Production
* 9 : From Jan. 2013 Production
E74 Junction Connector
E69 Junction Connector
E72 Junction Connector
E75 Junction Connector
A49(A), A50(B) Short Connector
A24(A) Skid Control ECU with Actuator Assembly
FL+ FL– FR+ FR– RL+ RL– RR+ RR–
CANL
CANH
Speed Sensors
AE3
EA1
EE1


(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction
Connector
F28(B)
Multi–Display
F57(C), F58(D)
Display & Navigation
Module Display
F78(E)
Multi–Display Assembly
PASSENGER Seat
Belt Warning Light
PBEW
IG
(IG)
5A
ECU–IG
No. 1
F21(A), F79(B)
Junction
Connector
Power
Supply
Circuit
+B
IG+(*5)
IG(*6)
Buzzer
Driver
Seat Belt
Blink
CAN
E77
Combination Meter Assembly
CANH
CANL
IG+
WRNP
P/SB
ET
E60(A), (B)
Junction Connector
c23
Junction
Connector
c22(A), c53(B)
Front Seat Inner
Belt Assembly LH
c7(A), c51(B)
Front Seat Inner
Belt Assembly RH
c12
Junction
Connector
A37(A), C52(B)
Junction
Connector
Buckle
Switch
Occupant
Detection
K1
A3
C1

A 24
Black



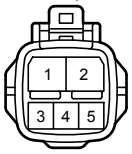

A 37
Blue



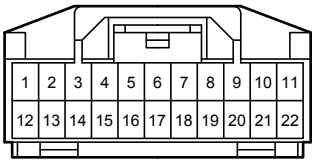

A 49
Gray



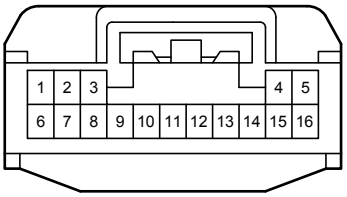

A 50
Gray



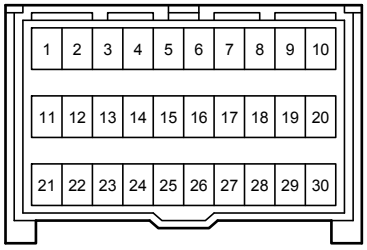

C 52
Blue



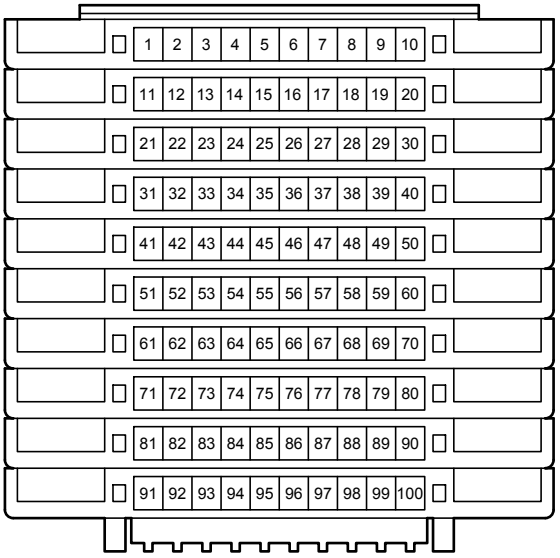

E 31
White



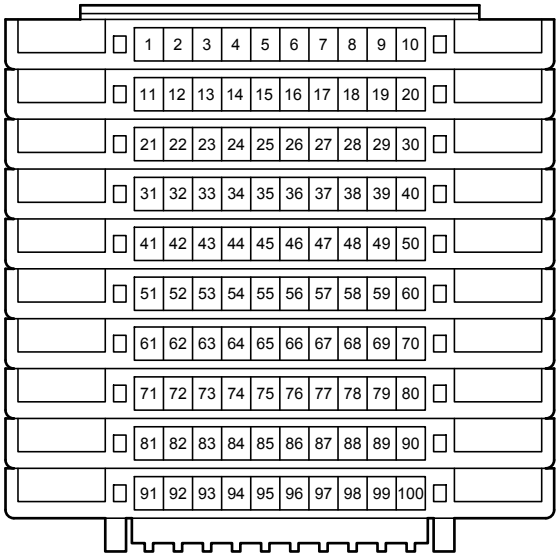

E 47
Yellow



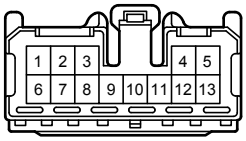

E 59
White



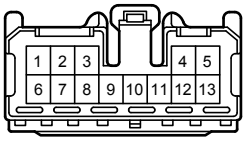
E 60
White



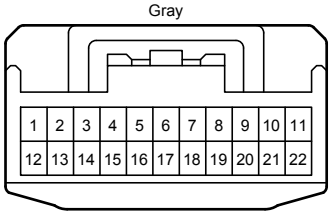

E 62
White



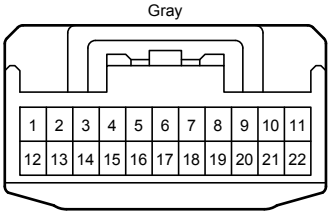

E 67
White



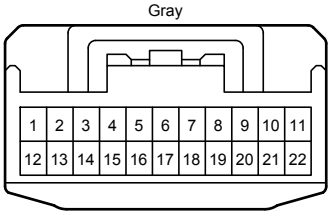

E 68
Gray



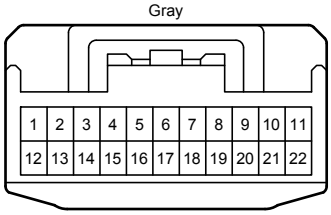

E 69
Gray



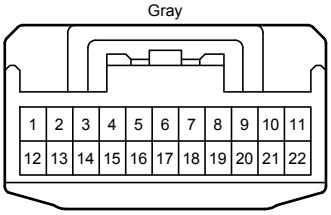

E 71
Gray



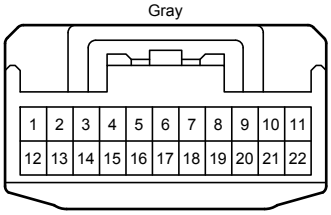

E 72
Gray



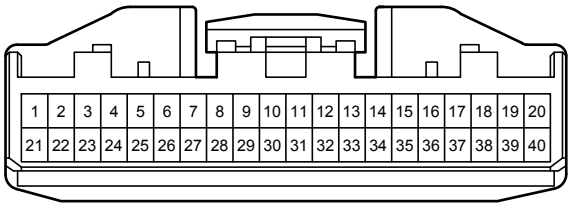

E 74
Gray



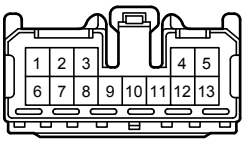

E 75
Gray



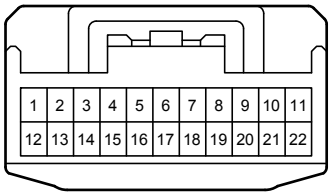

E 77
White



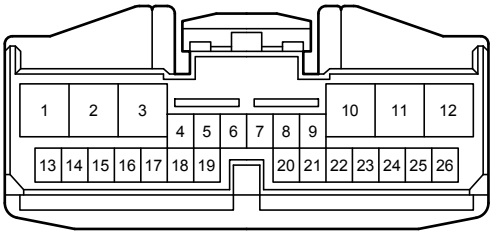

E116
White



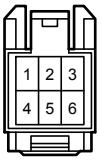

F 21
Black



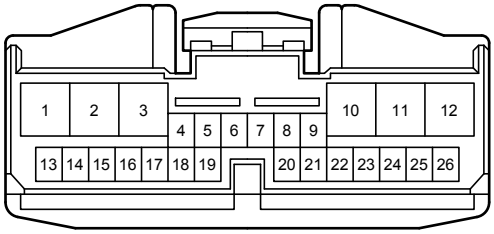

F 28
White



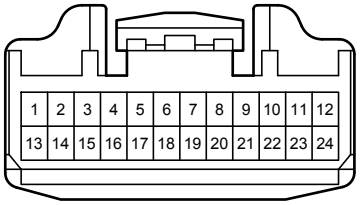

F 57
Blue



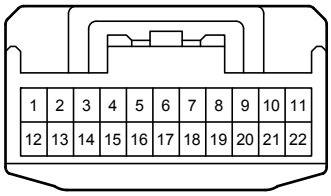
F 58
White



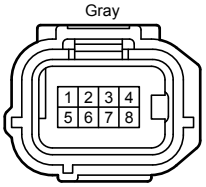

F 78
White



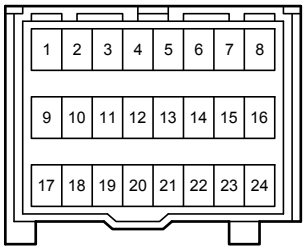

F 79
White



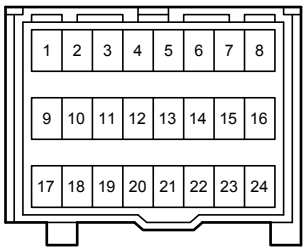

K 10
Gray



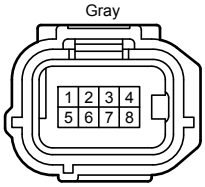

K 27
Yellow



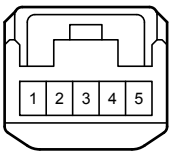

L 27
Yellow



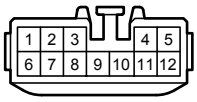

L 48
Gray



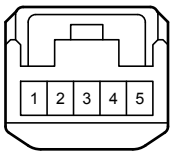

c 7
White



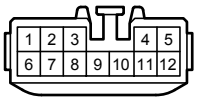

c 12
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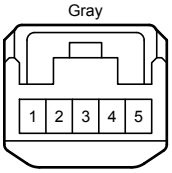

c 22
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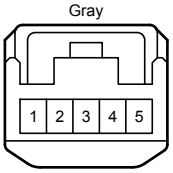

c 23
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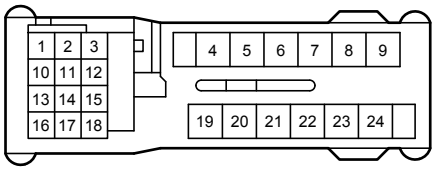

c 51
Gray



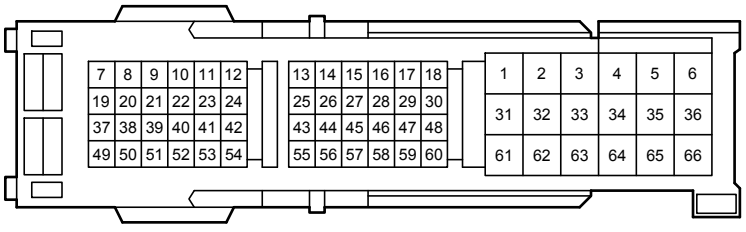

c 53
Gray



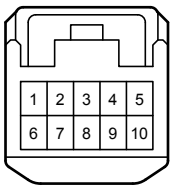

2B
White



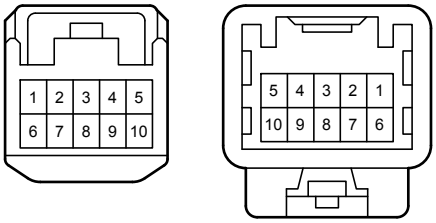

2D
White



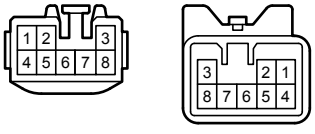

2E
White




AE3
Gray

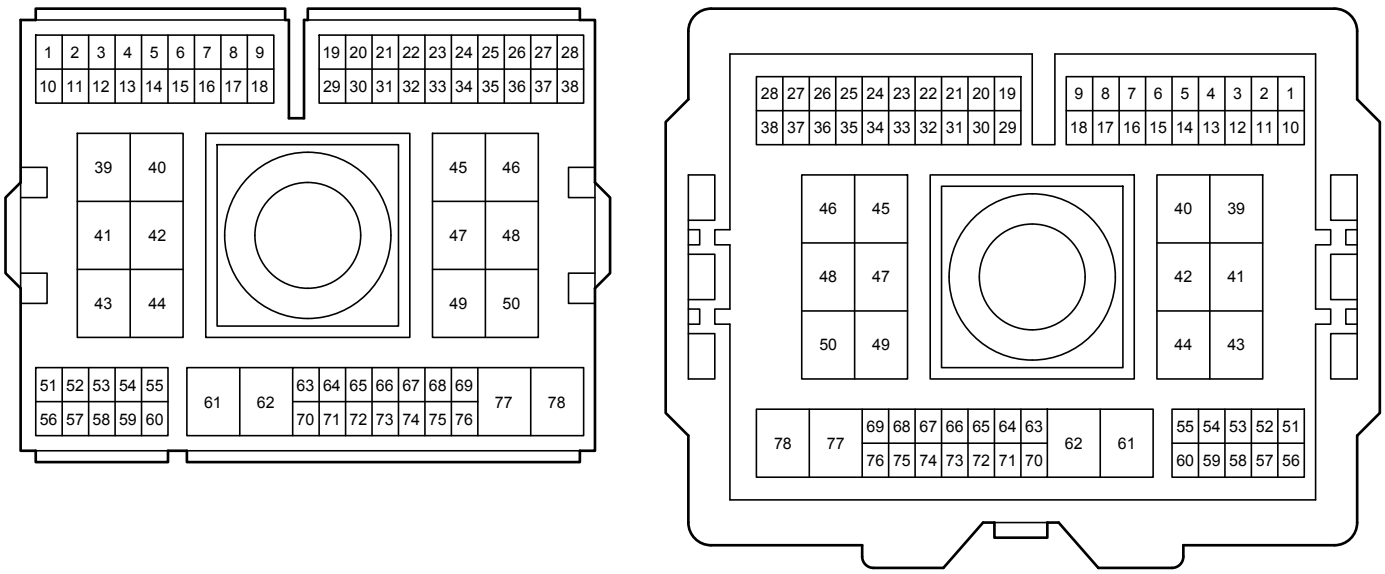



AL1
White



EA1

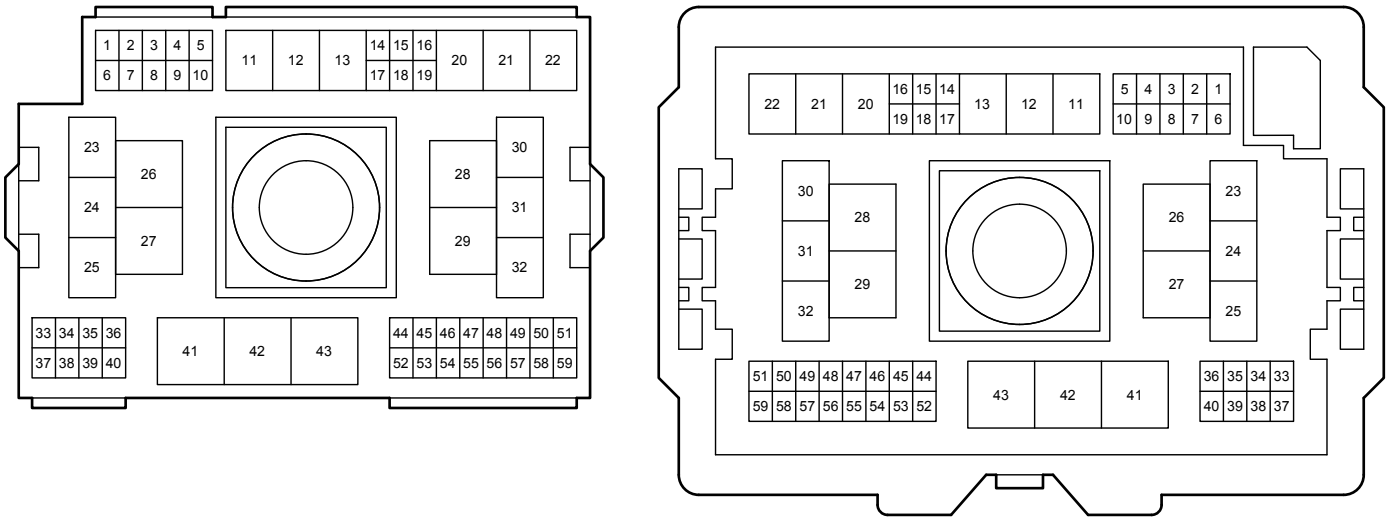
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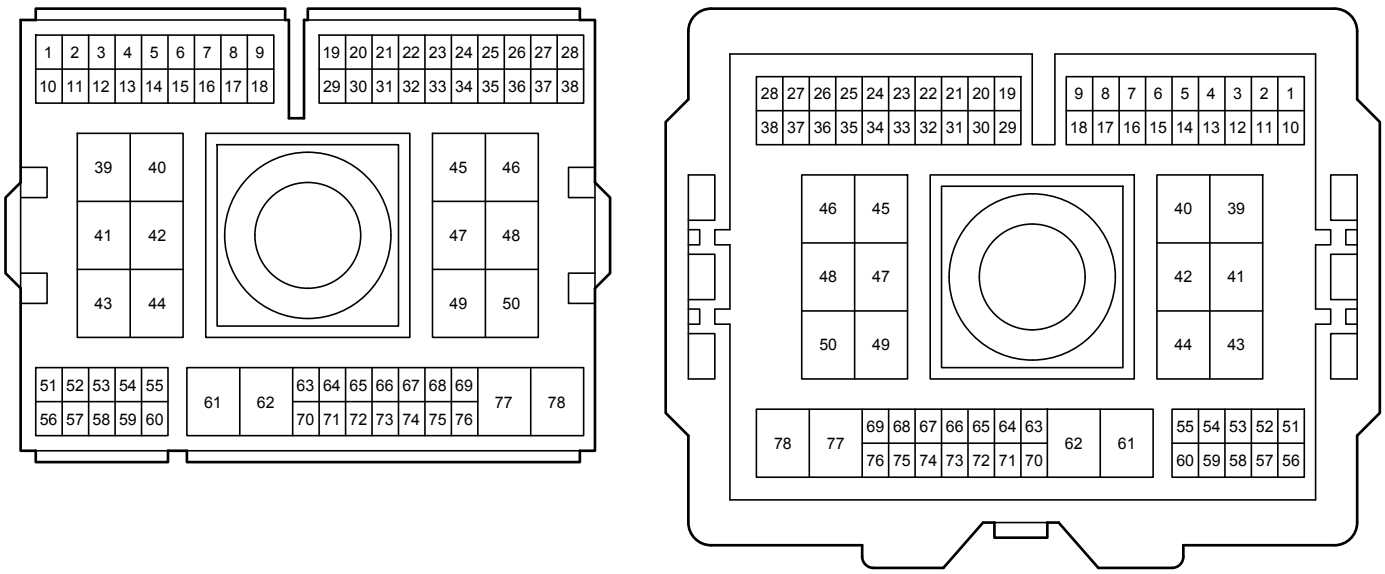

EA2

White

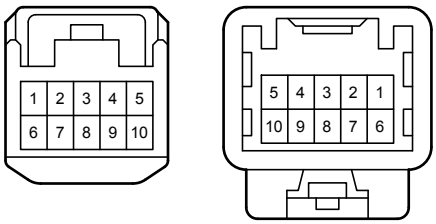
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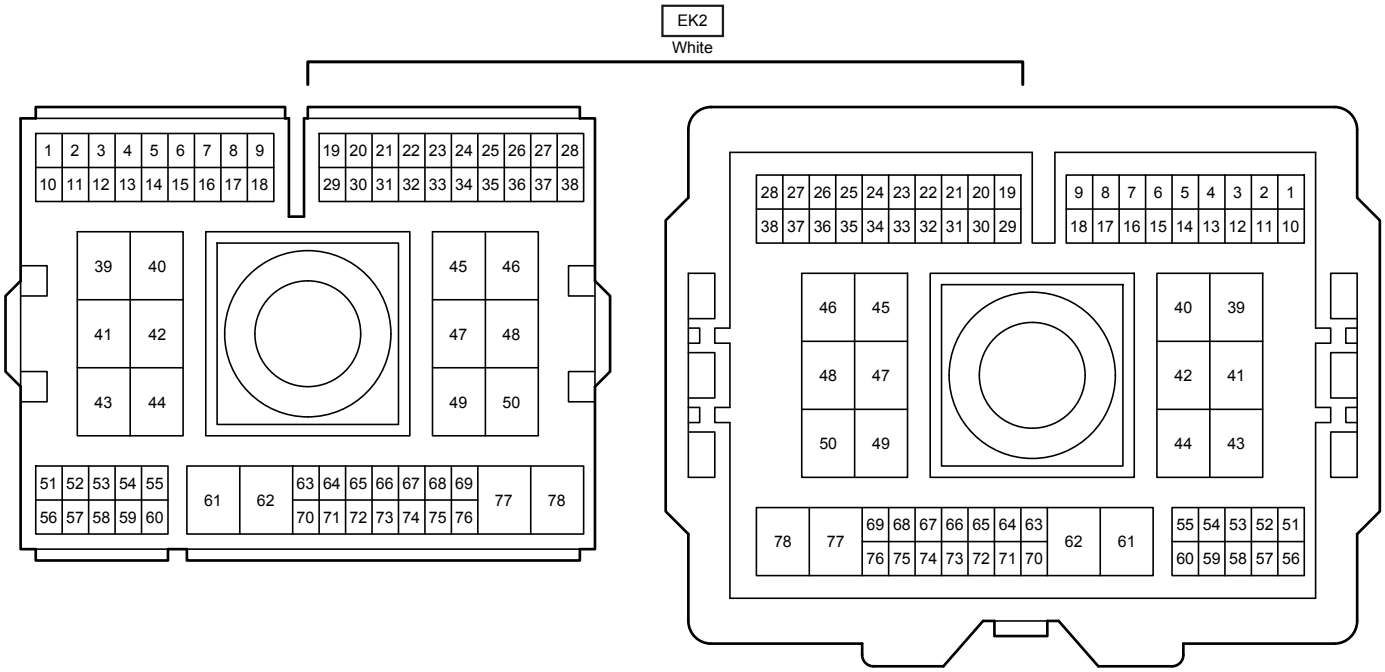
EA3
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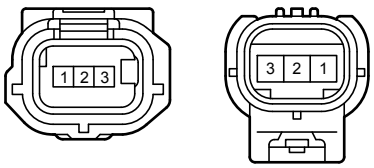

EE1
White



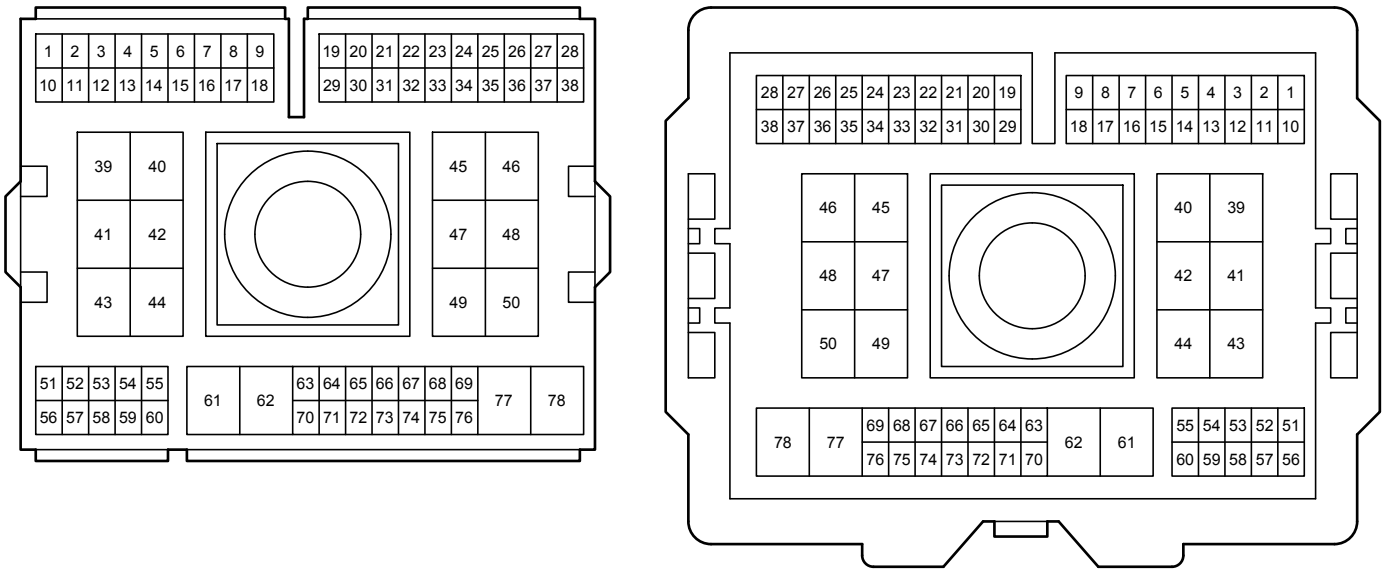

EK2
White



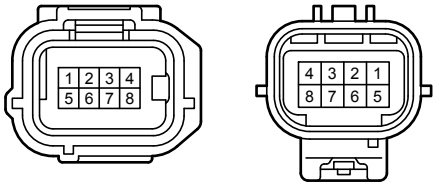
EK3
Black



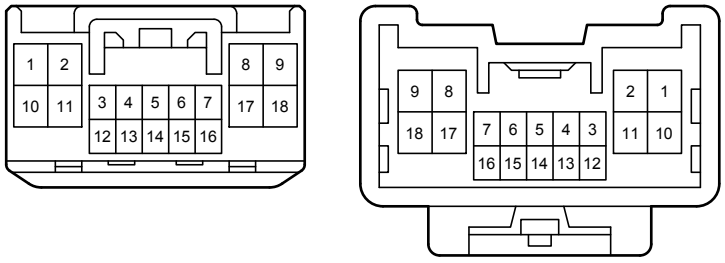

EL1
White



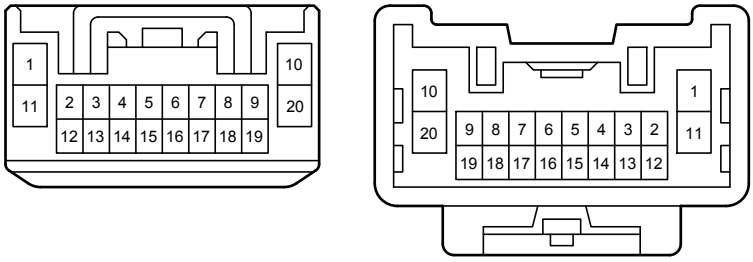

EL2
Gray



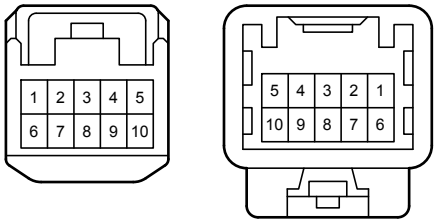

FE1
White

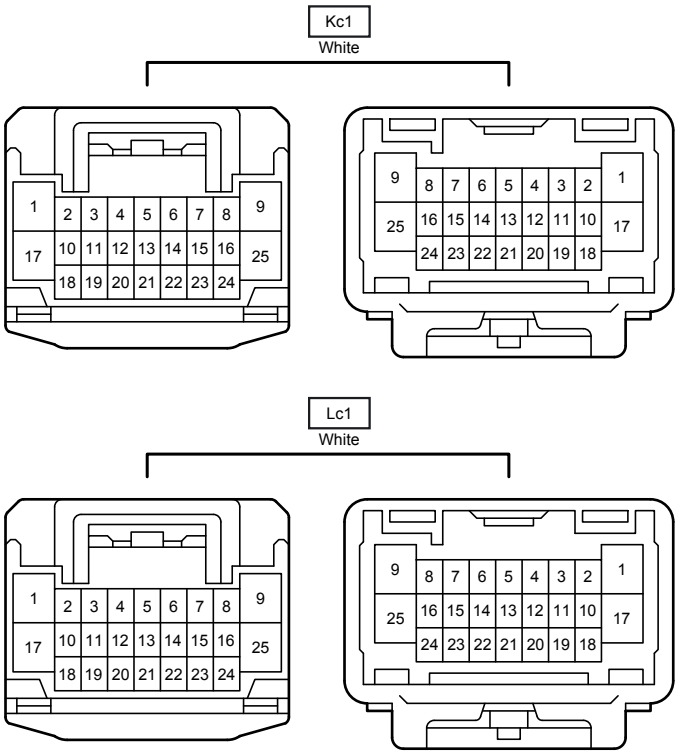


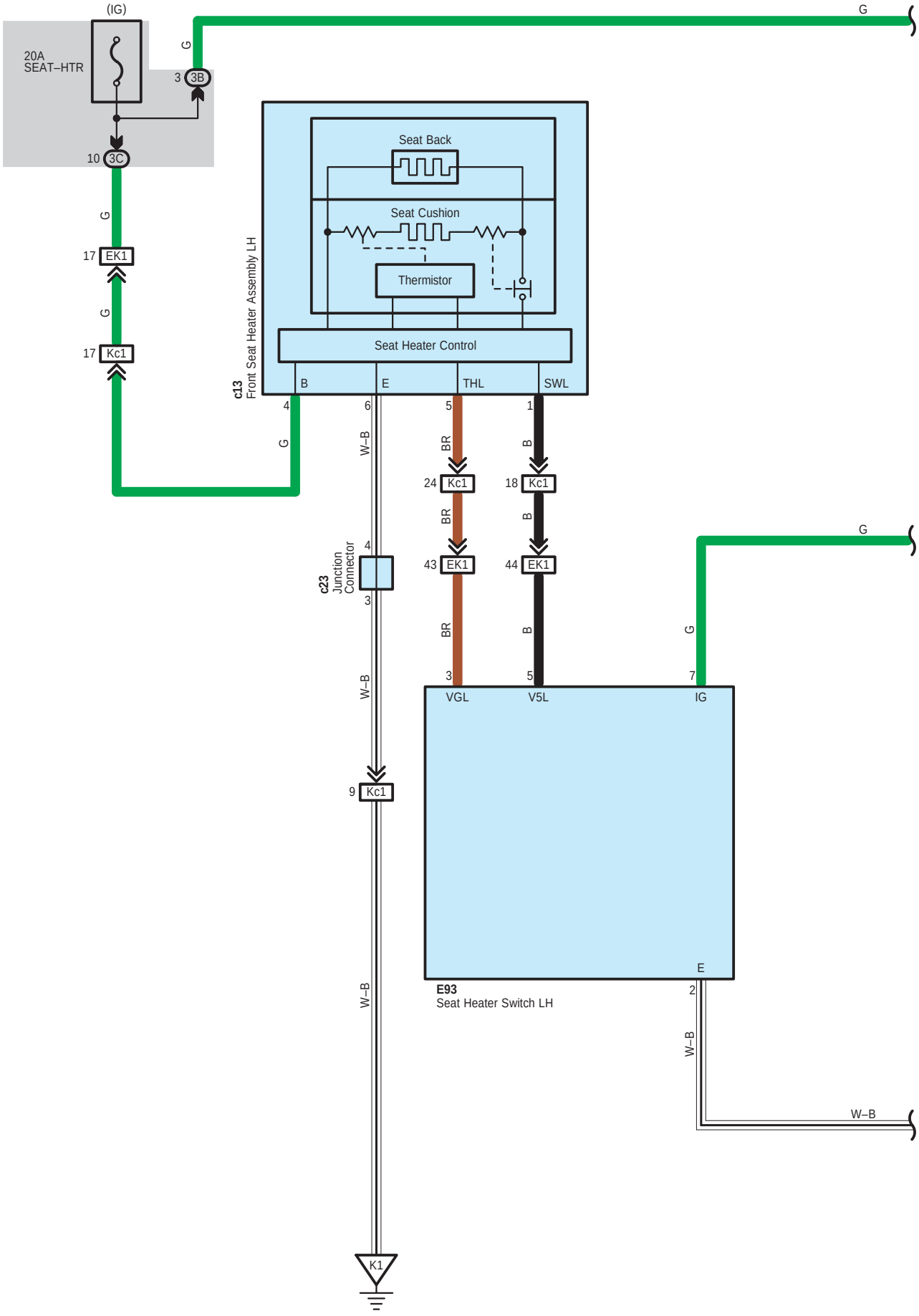

FE4
White

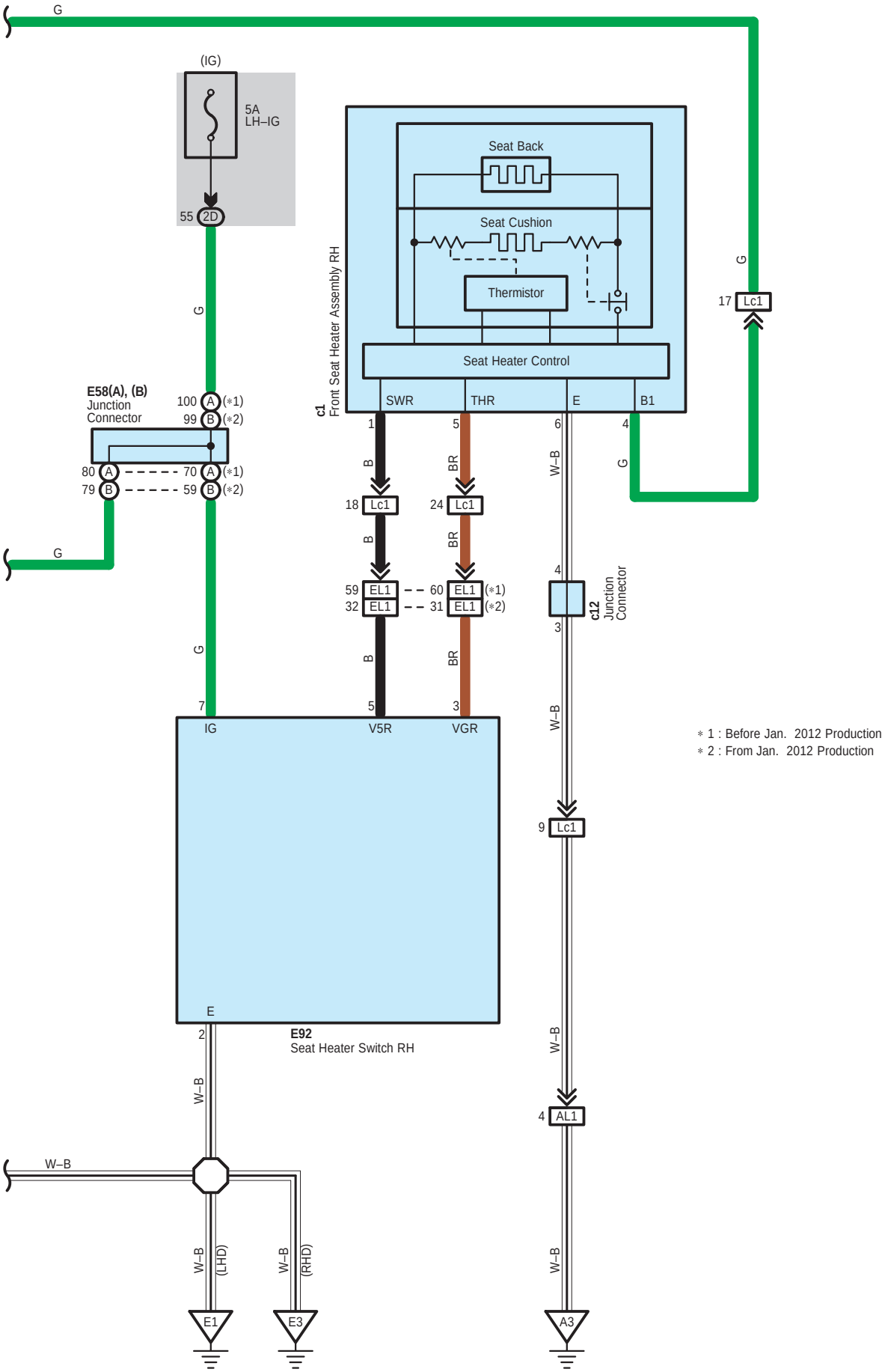



FE6
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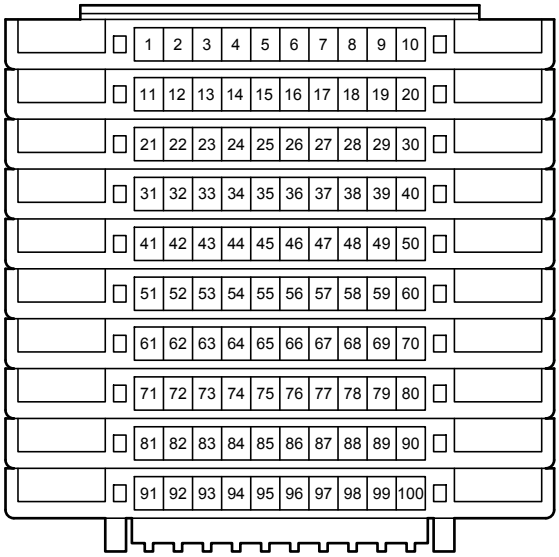

Kc1
White
1 2 3 4 5 6 7 8 9
17 10 11 12 13 14 15 16 25
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18
Lc1
White
1 2 3 4 5 6 7 8 9
17 10 11 12 13 14 15 16 25
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18


(IG)
20A
SEAT–HTR
3
3B
10
3C
G
17
EK1
17
Kc1
c13
Front Seat Heater Assembly LH
Seat Back
Seat Cushion
Thermistor
Seat Heater Control
B
E
THL
SWL
4
6
5
1
W–B
BR
B
24
Kc1
18
Kc1
43
EK1
44
EK1
c23
Junction
Connector
4
3
9
Kc1
VGL
V5L
IG
7
E
E93
Seat Heater Switch LH
2
K1

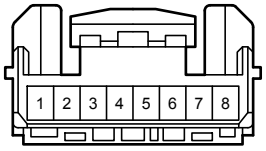



* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production

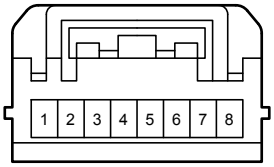
E 58
White



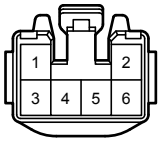

E 92
Black



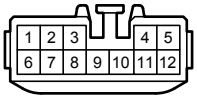

E 93
Gray



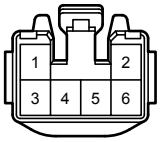

c 1
White



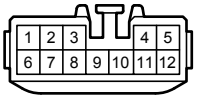

c 12
White



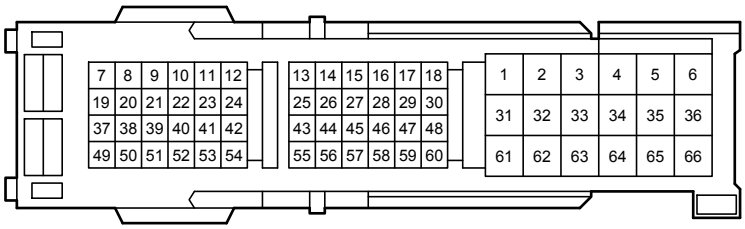

c 13
White



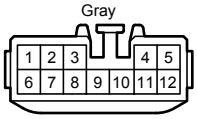

c 23
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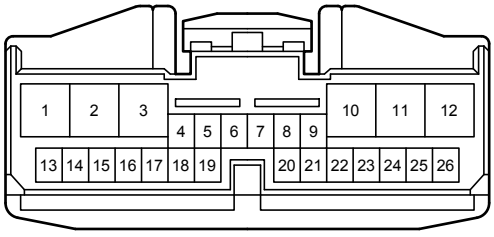

2D
White



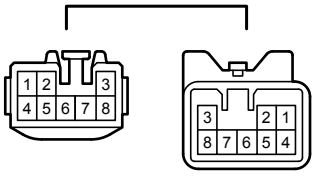

3B
Gray




3C
White

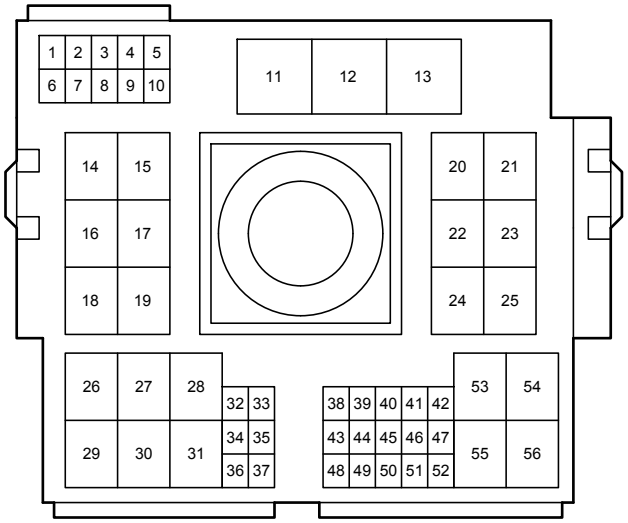



AL1
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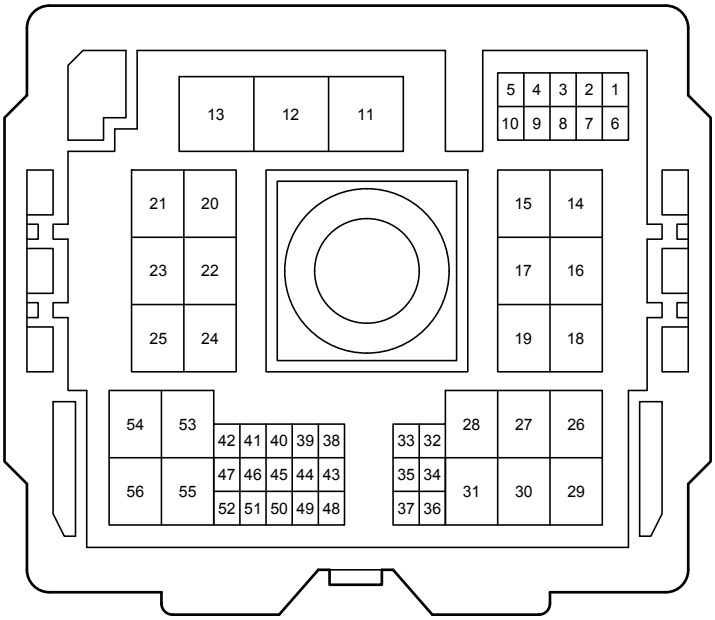


EK1

White

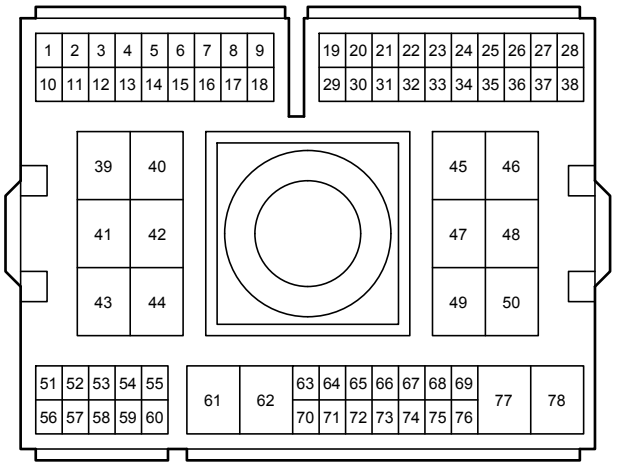


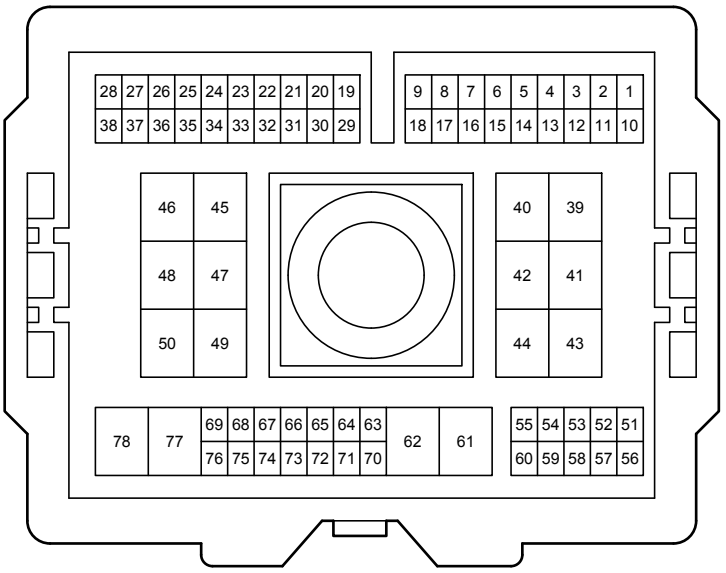

Blue




EL1

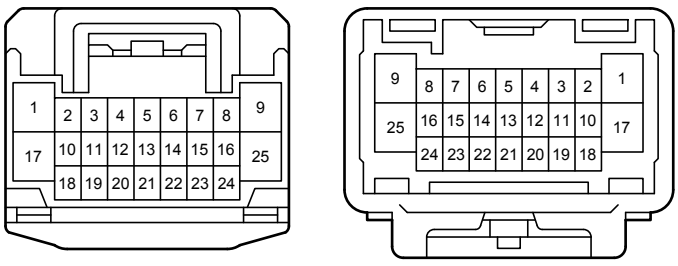
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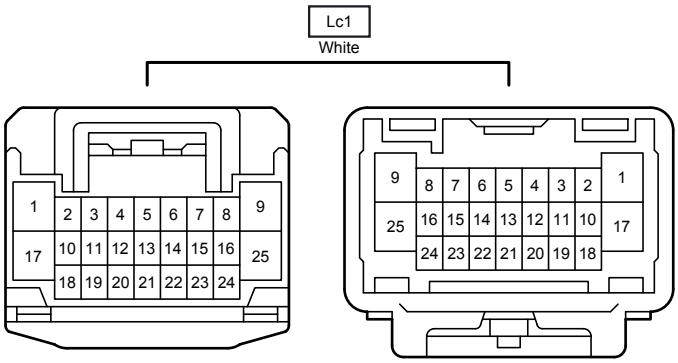


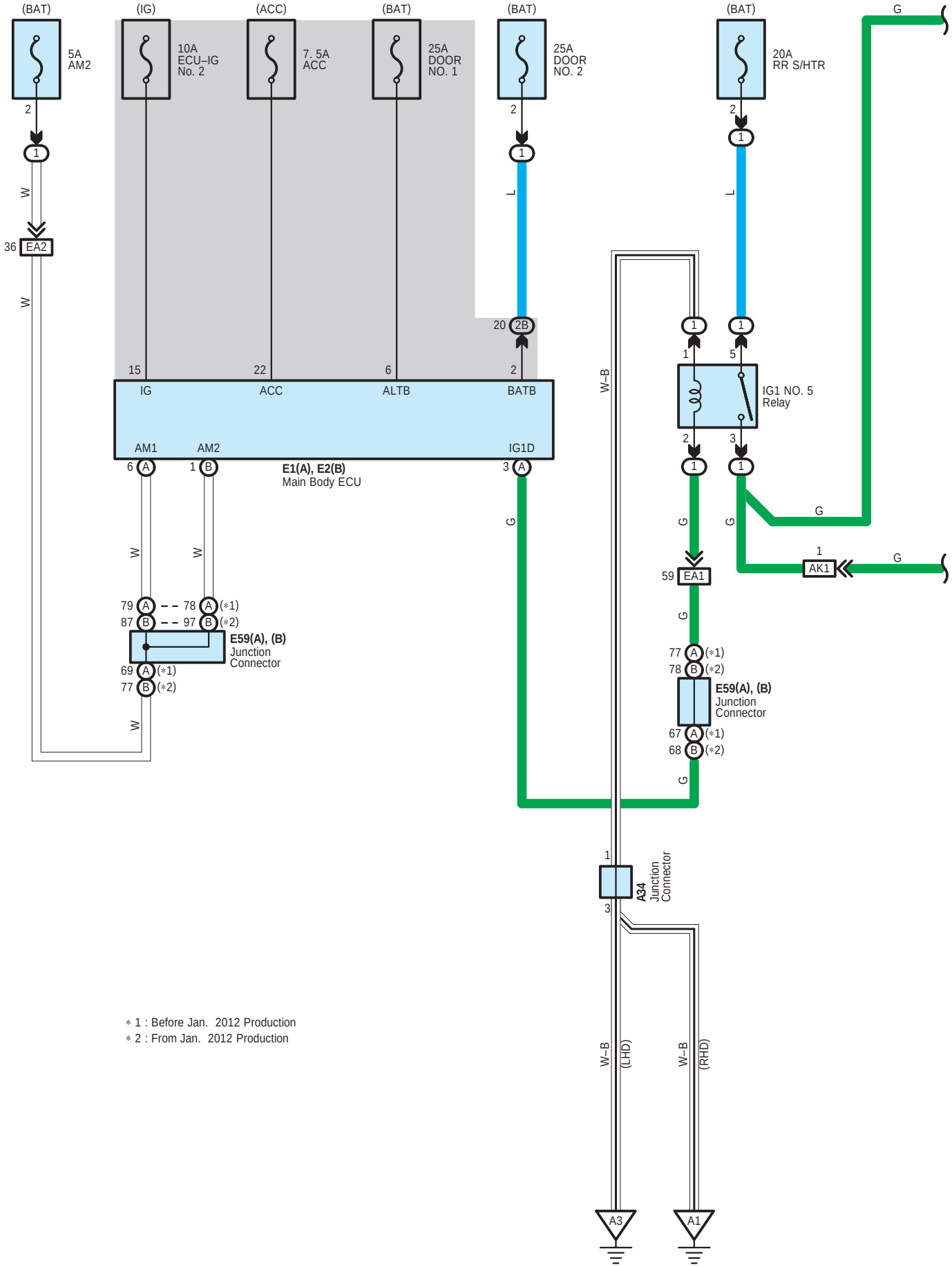



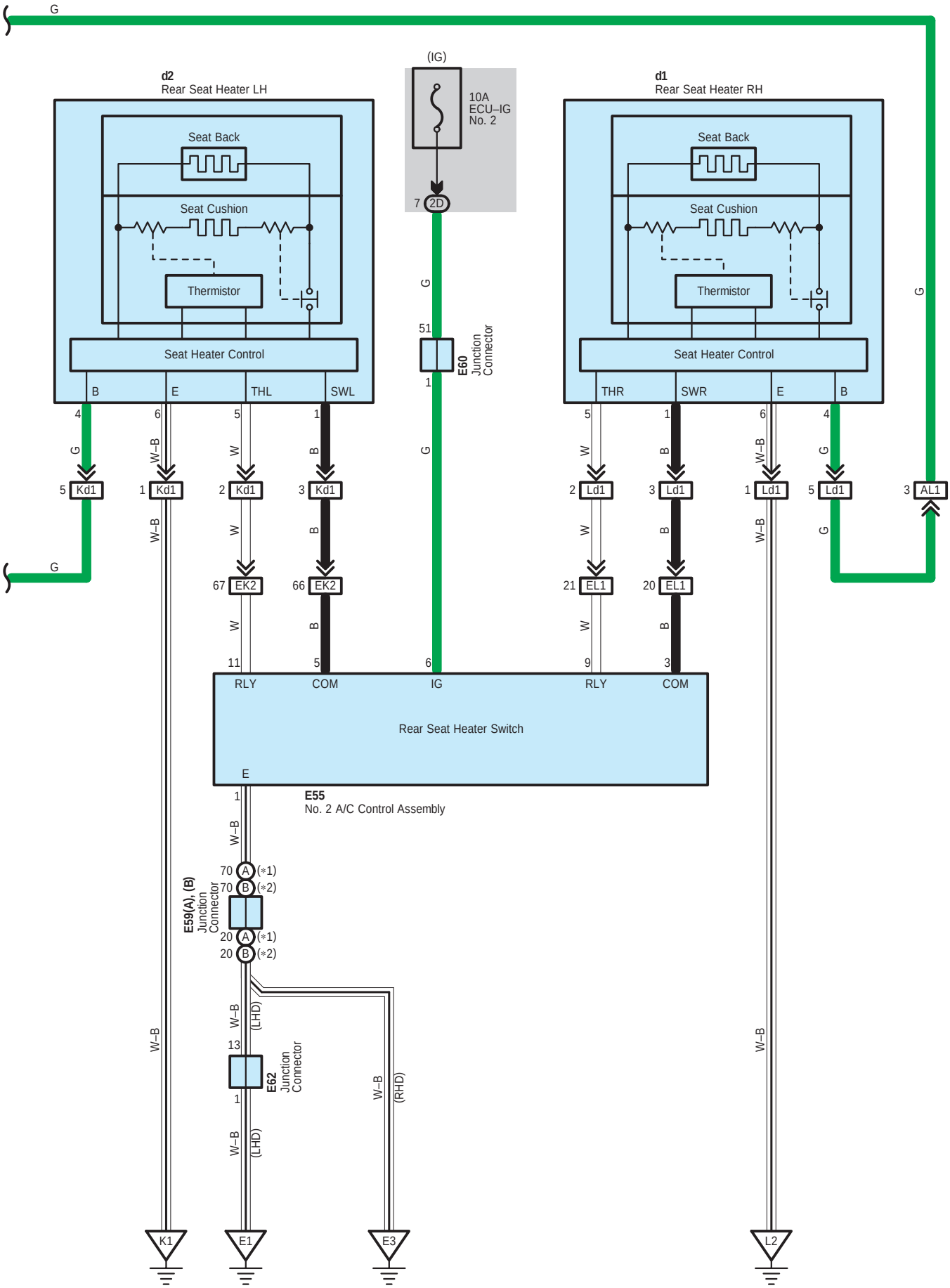

Kc1

White

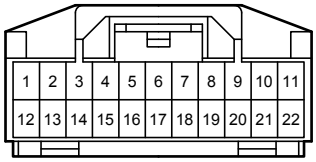



Lc1
White
1
2
3
4
5
6
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8
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17
10
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25
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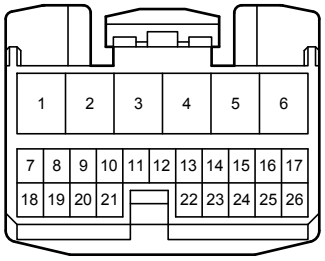

(BAT)
5A
AM2
2
1
W
36 EA2
W
(IG)
10A
ECU–IG
No. 2
(ACC)
7. 5A
ACC
(BAT)
25A
DOOR
NO. 1
(BAT)
25A
DOOR
NO. 2
2
1
L
20 2B
15
IG
22
ACC
6
ALTB
2
BATB
AM1
AM2
IG1D
6 A
1 B
3 A
E1(A), E2(B)
Main Body ECU
W
W
G
79 A
87 B
78 A (*1)
97 B (*2)
E59(A), (B)
Junction
Connector
69 A (*1)
77 B (*2)
W
W–B
(BAT)
20A
RR S/HTR
2
1
L
1
5
IG1 NO. 5
Relay
2
3
1
1
G
G
G
G
1
AK1
G
59 EA1
G
77 A (*1)
78 B (*2)
E59(A), (B)
Junction
Connector
67 A (*1)
68 B (*2)
G
1
A34
Junction
Connector
3
W–B
(LHD)
W–B
(RHD)
A3
A1
* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production


G
(IG)
d2
Rear Seat Heater LH
10A
ECU–IG
No. 2
d1
Rear Seat Heater RH
Seat Back
Seat Cushion
Thermistor
Seat Heater Control
B
E
THL
SWL
THR
SWR
7 2D
51
E60
Junction
Connector
1
4 G 5 Kd1
6 W–B 1 Kd1
5 W 2 Kd1
1 B 3 Kd1
5 W 2 Ld1
1 B 3 Ld1
6 W–B 1 Ld1
4 G 5 Ld1
3 AL1
67 EK2
66 EK2
21 EL1
20 EL1
11
5
6
9
3
RLY
COM
IG
RLY
COM
Rear Seat Heater Switch
E
E55
No. 2 A/C Control Assembly
1
W–B
70 A (*1)
70 B (*2)
E59(A), (B)
Junction
Connector
20 A (*1)
20 B (*2)
W–B (LHD)
13
E62
Junction
Connector
1
W–B (LHD)
W–B (RHD)
K1
E1
E3
L2

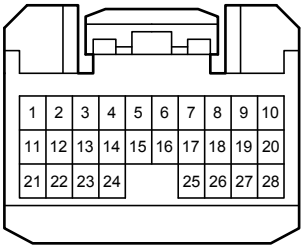
A 34
White



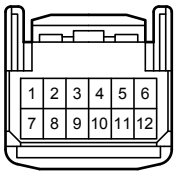

E 1
White



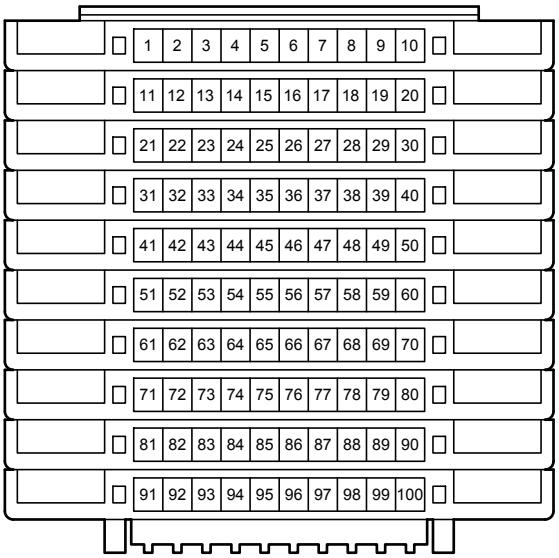

E 2
White



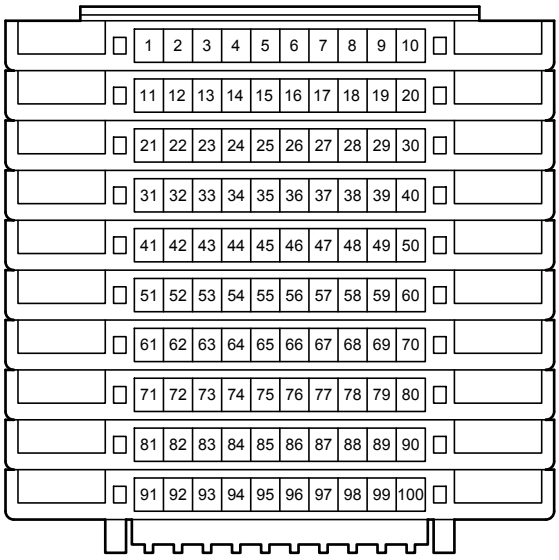

E 55
White



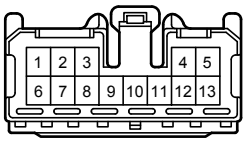

E 59
White



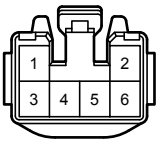

E 60
White



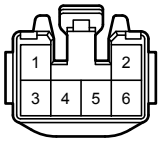

E 62
White



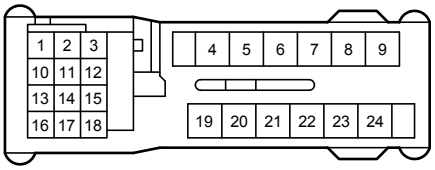

d 1
White

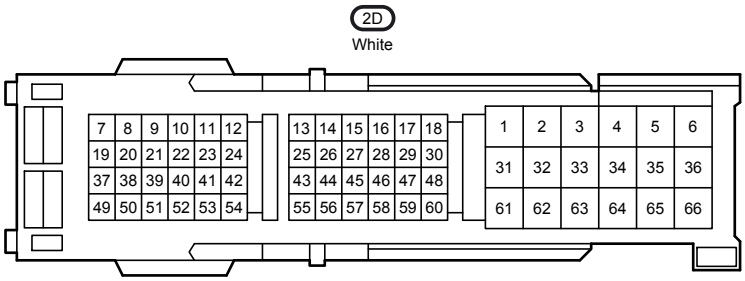


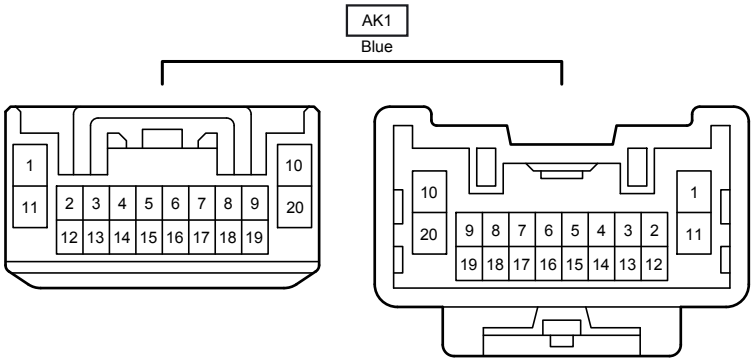

d 2
White

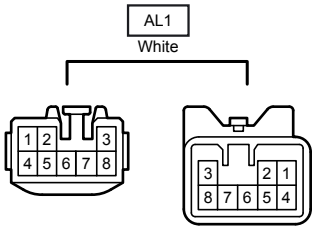


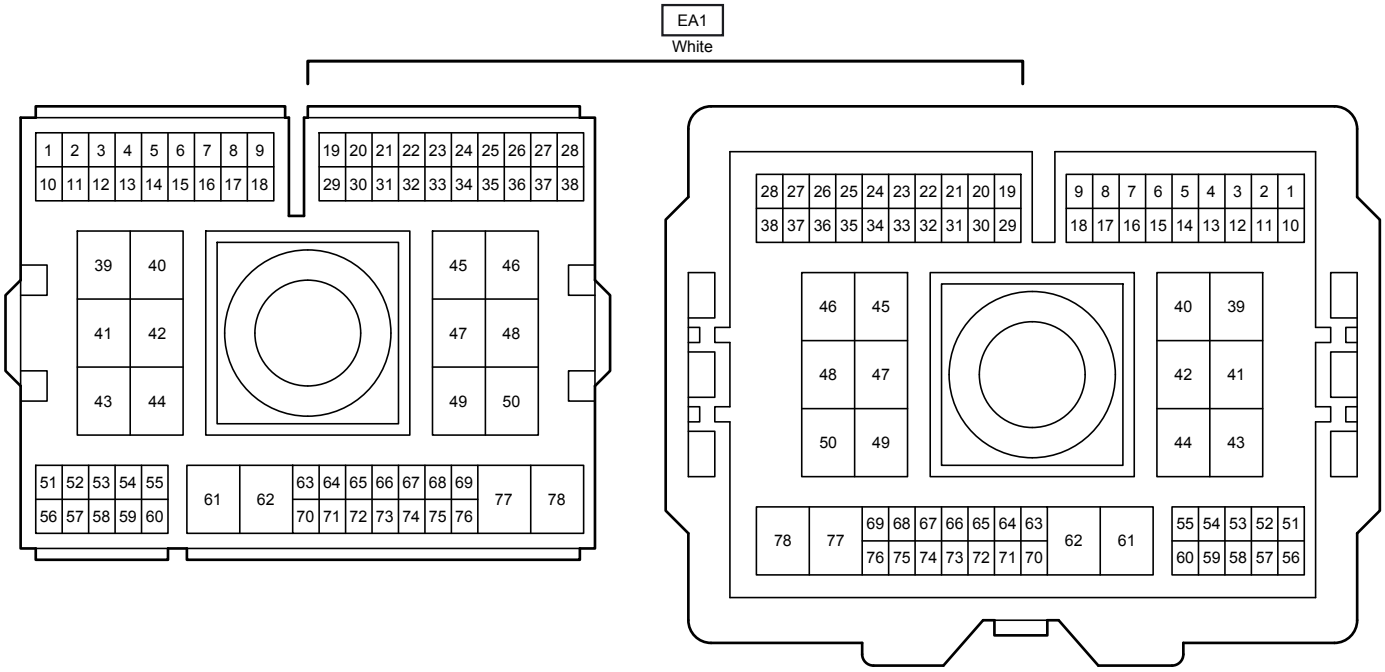

2B
White




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

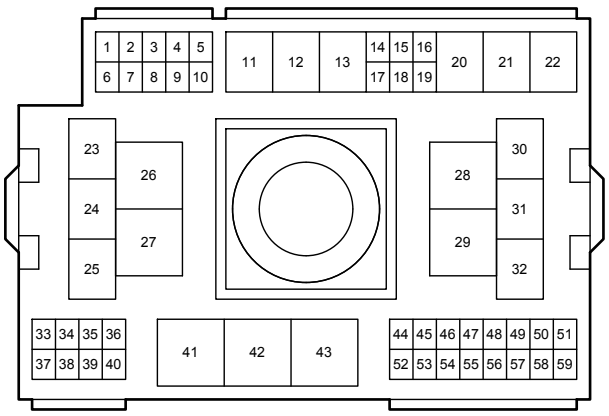

AK1
Blue
1 11 2 3 4 5 6 7 8 9 12 13 14 15 16 17 18 19 10 20
10 20 9 8 7 6 5 4 3 2 19 18 17 16 15 14 13 12 1 11


AL1
White
1 2 3 4 5 6 7 8
3 2 1 8 7 6 5 4

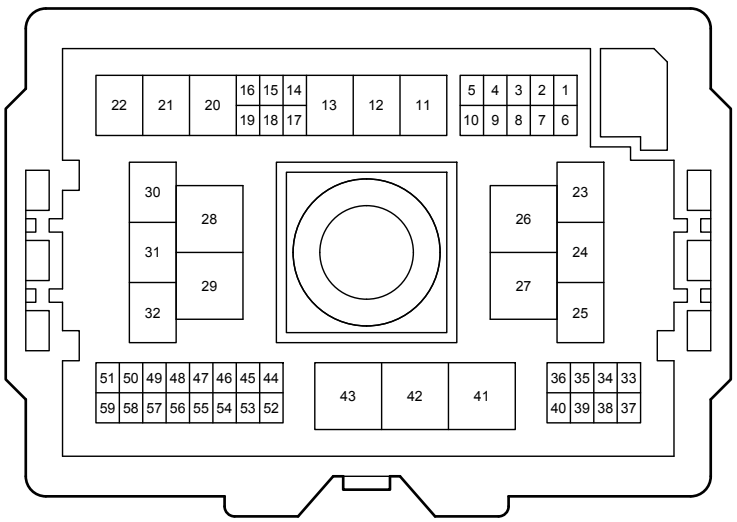

EA1
White
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38
39 40 41 42 43 44
45 46 47 48 49 50
51 52 53 54 55 56 57 58 59 60
61 62
63 64 65 66 67 68 69 70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19 38 37 36 35 34 33 32 31 30 29
9 8 7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

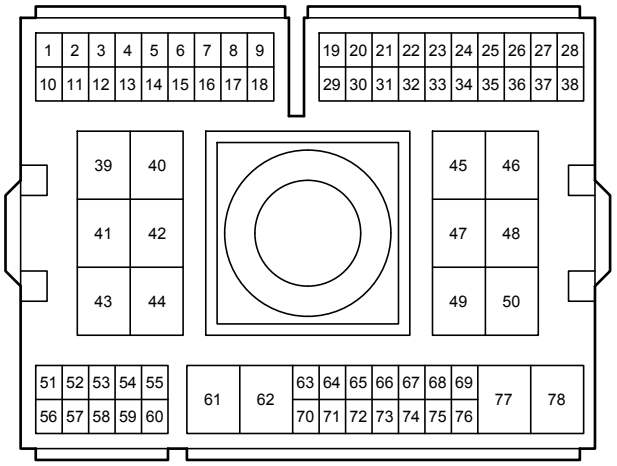


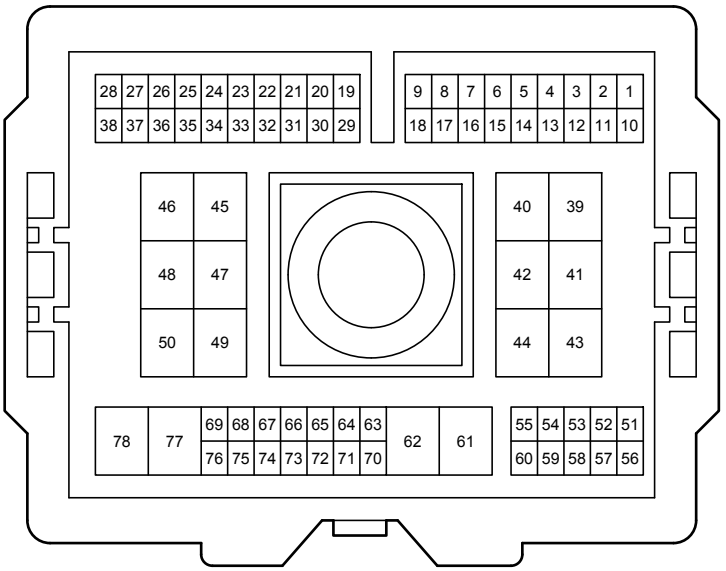

Gray

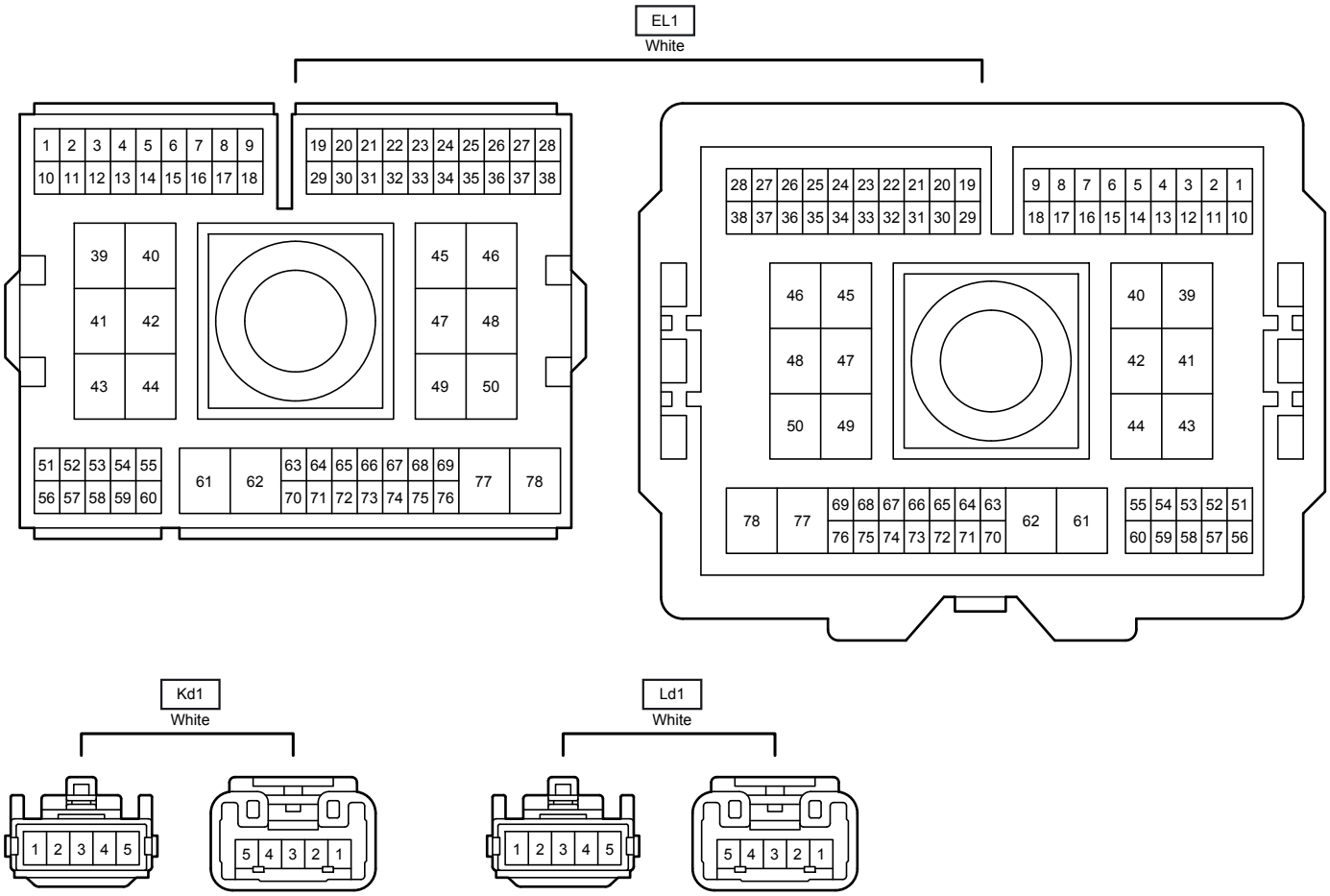


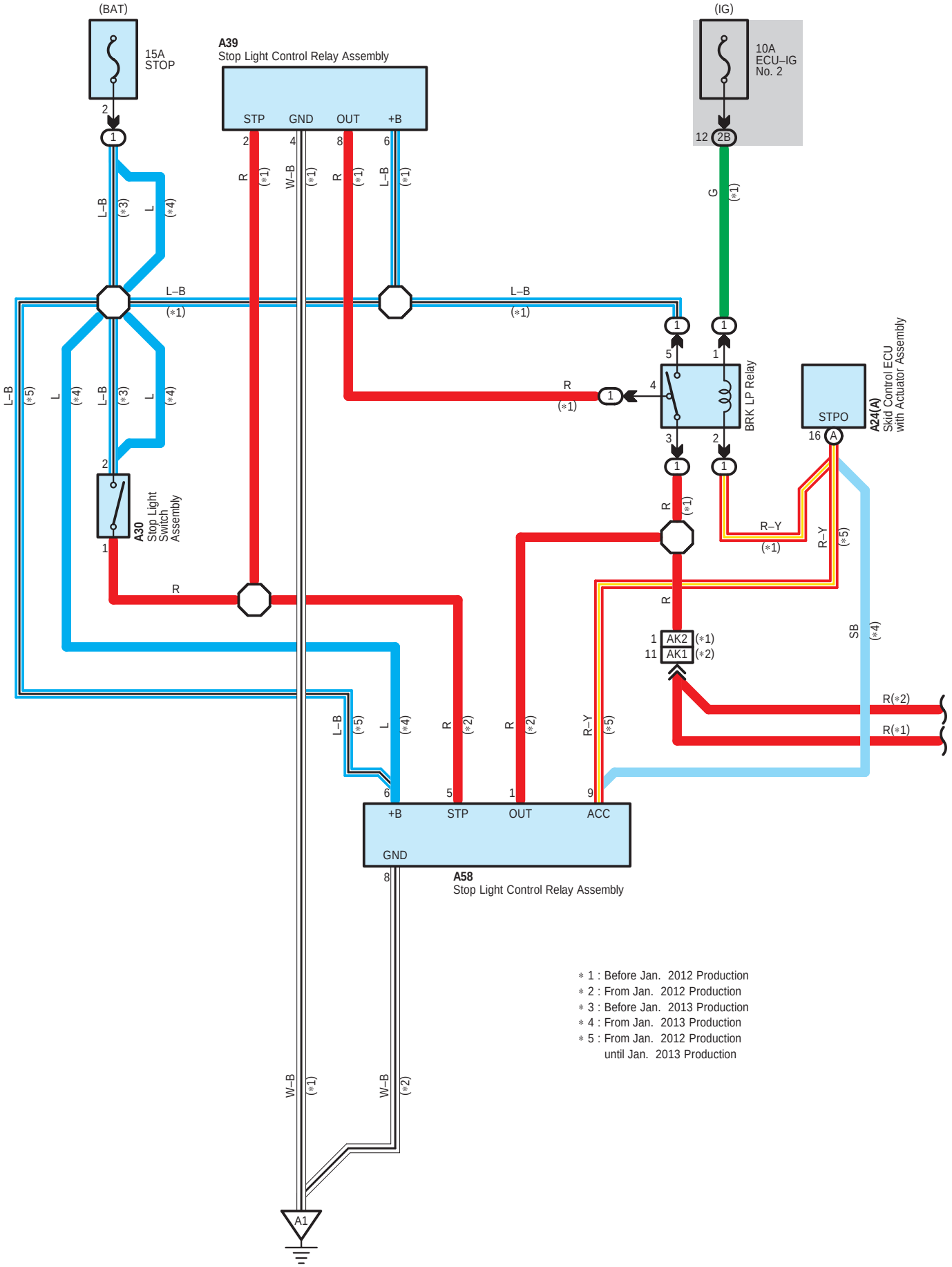

EK2

White

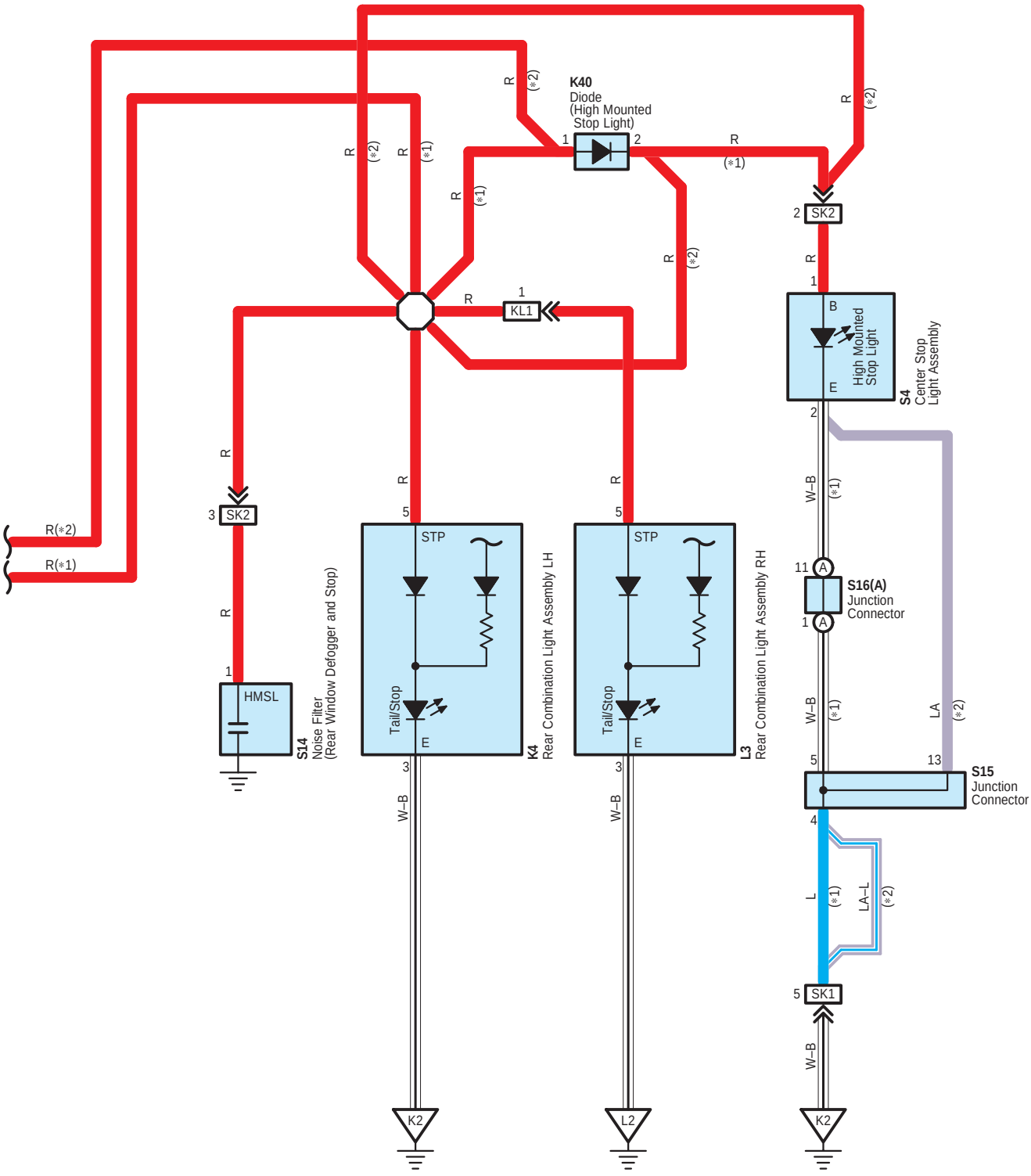


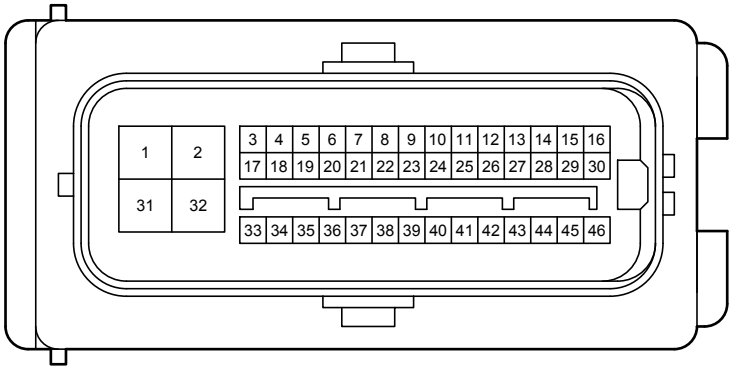

EL1
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61
62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77
78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 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



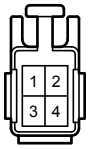

∗ 1 : Before Jan. 2012 Production
∗ 2 : From Jan. 2012 Production
∗ 3 : Before Jan. 2013 Production
∗ 4 : From Jan. 2013 Production
∗ 5 : From Jan. 2012 Production until Jan. 2013 Production


K40
Diode
(High Mounted
Stop Light)
KL1
SK2
SK1
S4
Center Stop
Light Assembly
High Mounted
Stop Light
S16(A)
Junction
Connector
S15
Junction
Connector
S14
Noise Filter
(Rear Window Defogger and Stop)
HMSL
K4
Rear Combination Light Assembly LH
L3
Rear Combination Light Assembly RH
STP
Tail/Stop
R(*2)
R(*1)
R
W–B
L
LA
LA–L
(*1)
(*2)
K2
L2

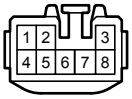
A 24
Black



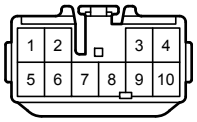

A 30
Gray



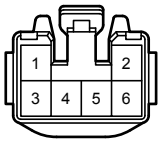

A 39
Black




A 58
Black



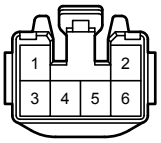

K 4
White



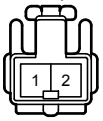

K 40
White



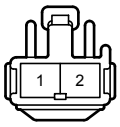

L 3
White



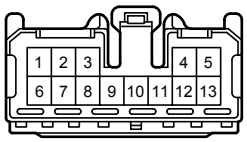

S 4
Gray



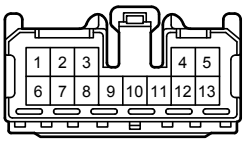

S 14
Black



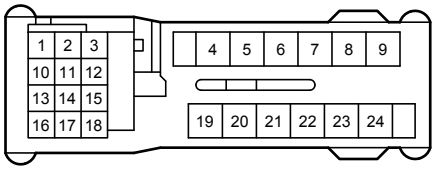

S 15
White



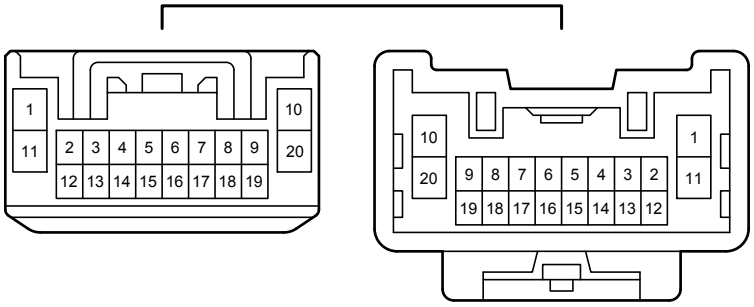

S 16
White



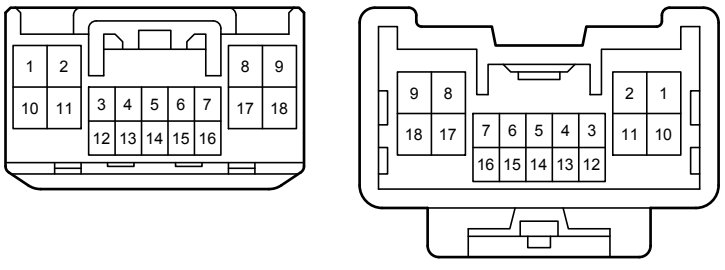

2B
White



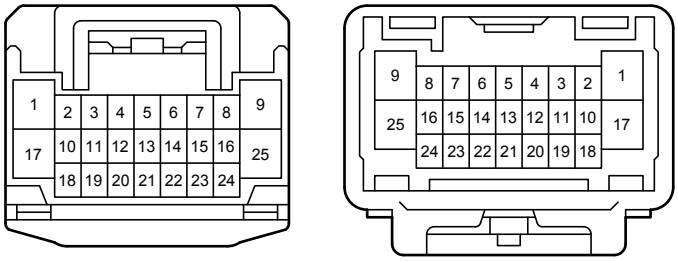

AK1
Blue



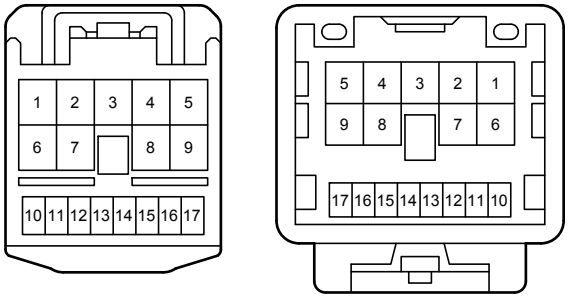

AK2
Gray



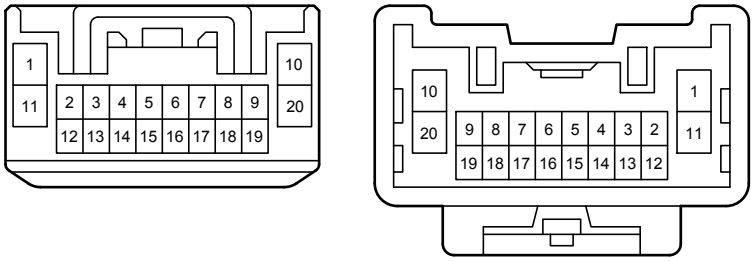
KL1
White

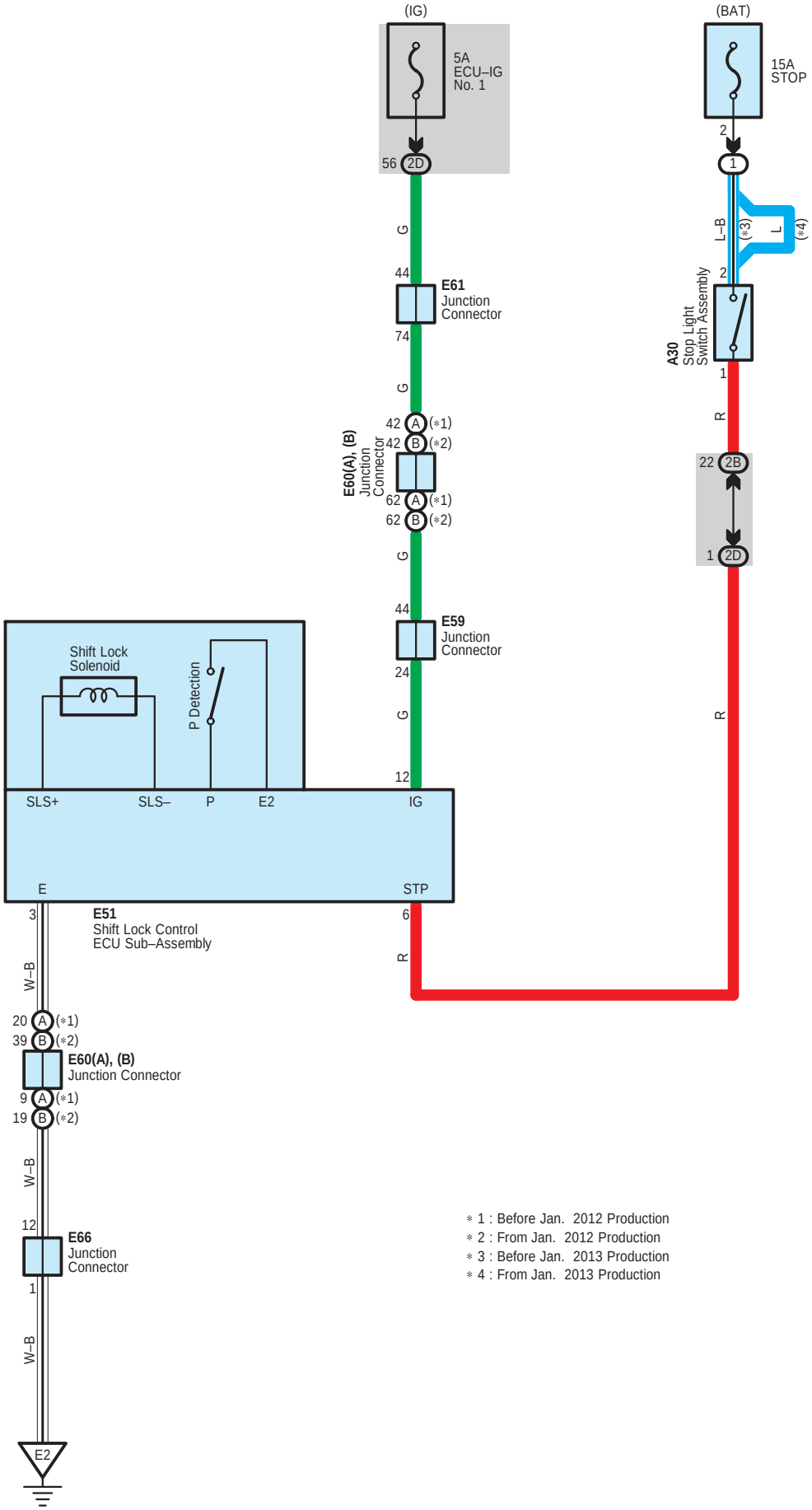



SK1
White

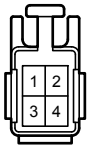



SK2
Blue




(IG)
5A
ECU–IG
No. 1
56 2D
G
44
E61
Junction
Connector
74
G
42 A (*1)
42 B (*2)
E60(A), (B)
Junction
Connector
62 A (*1)
62 B (*2)
G
44
E59
Junction
Connector
24
G
12
(BAT)
15A
STOP
2
1
L–B
(*3)
L
(*4)
2
A30
Stop Light
Switch Assembly
1
R
22 2B
1 2D
R
Shift Lock
Solenoid
P Detection
SLS+
SLS–
P
E2
IG
E
STP
3
E51
Shift Lock Control
ECU Sub–Assembly
6
R
W–B
20 A (*1)
39 B (*2)
E60(A), (B)
Junction Connector
9 A (*1)
19 B (*2)
W–B
12
E66
Junction
Connector
1
W–B
E2
* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production
* 3 : Before Jan. 2013 Production
* 4 : From Jan. 2013 Production

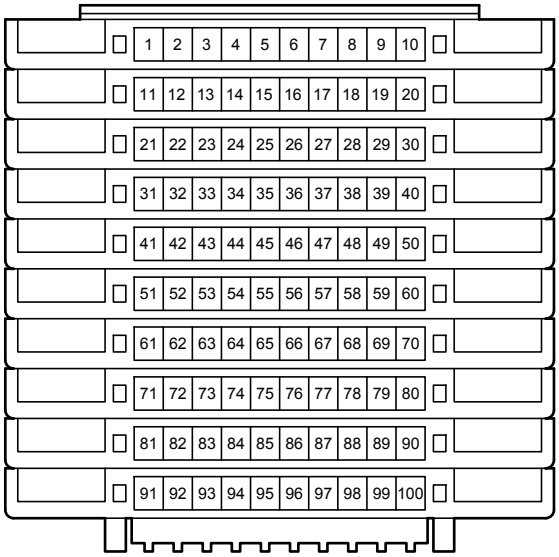
A 30
Gray



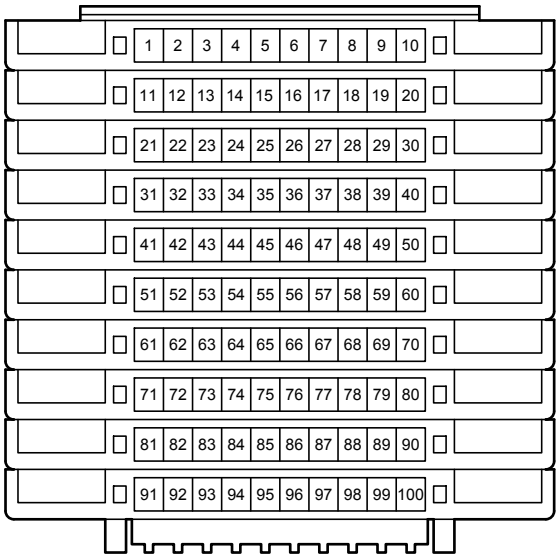

E 51
White



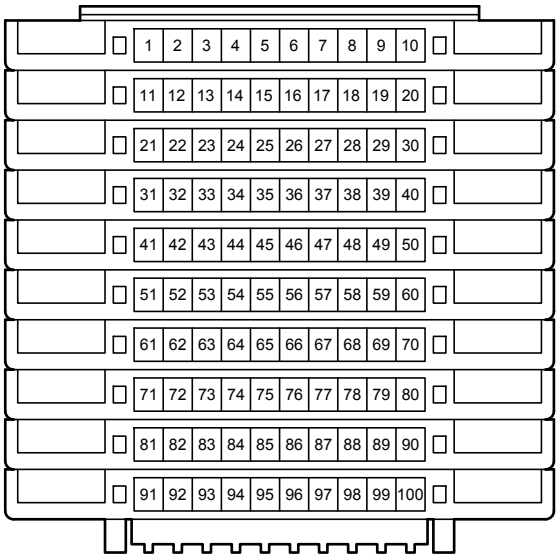

E 59
White



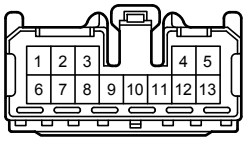

E 60
White



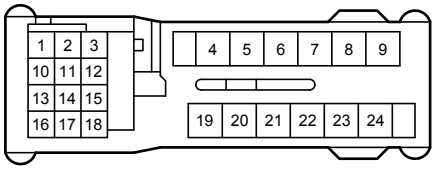

E 61
White



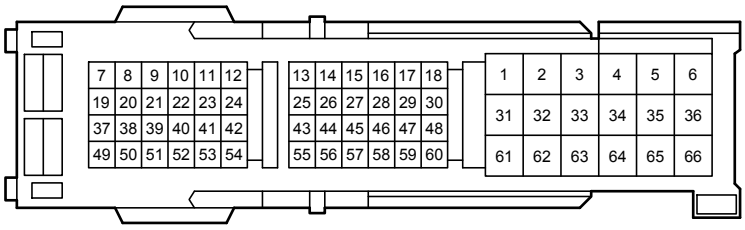

E 66
White

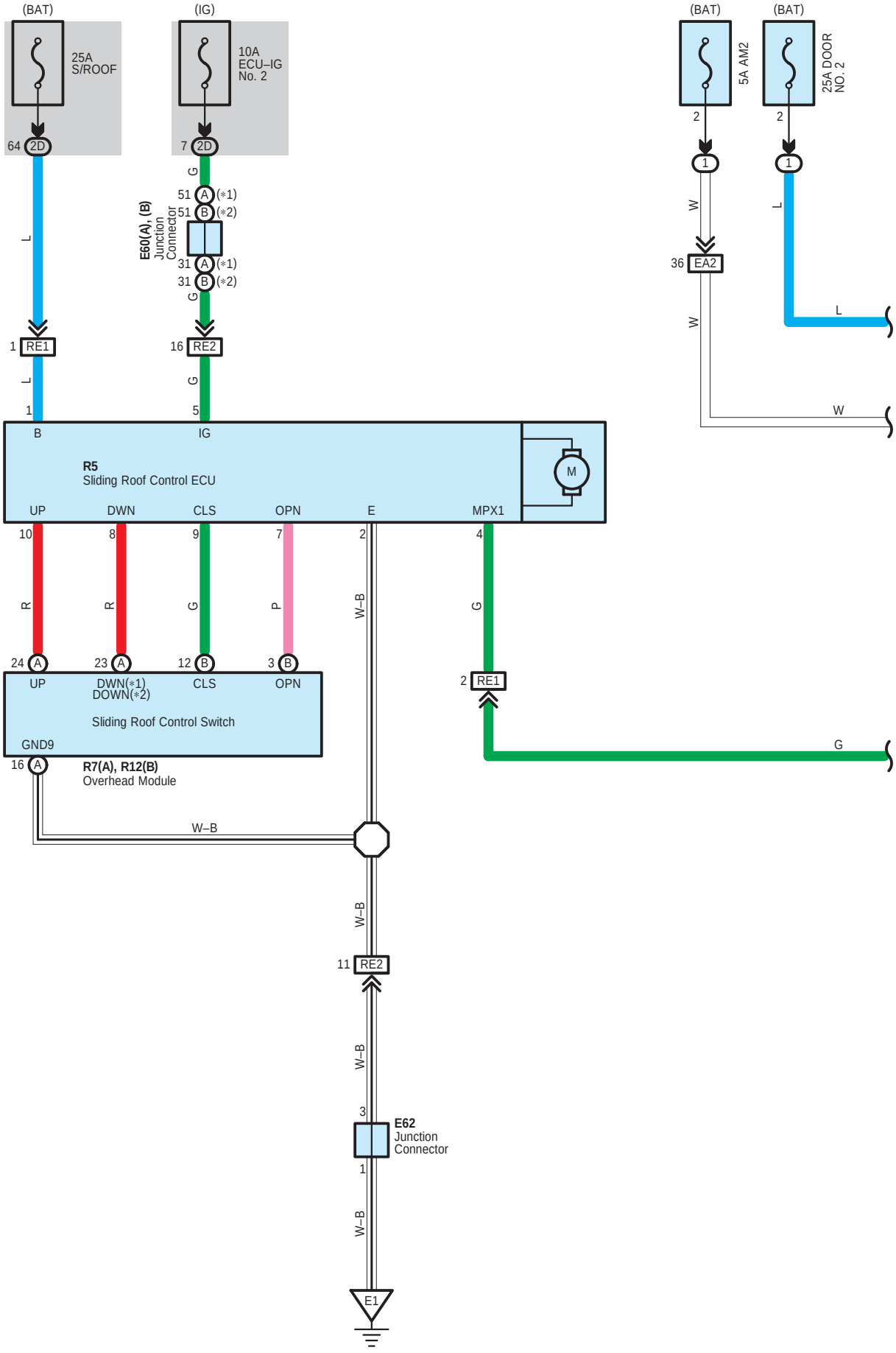


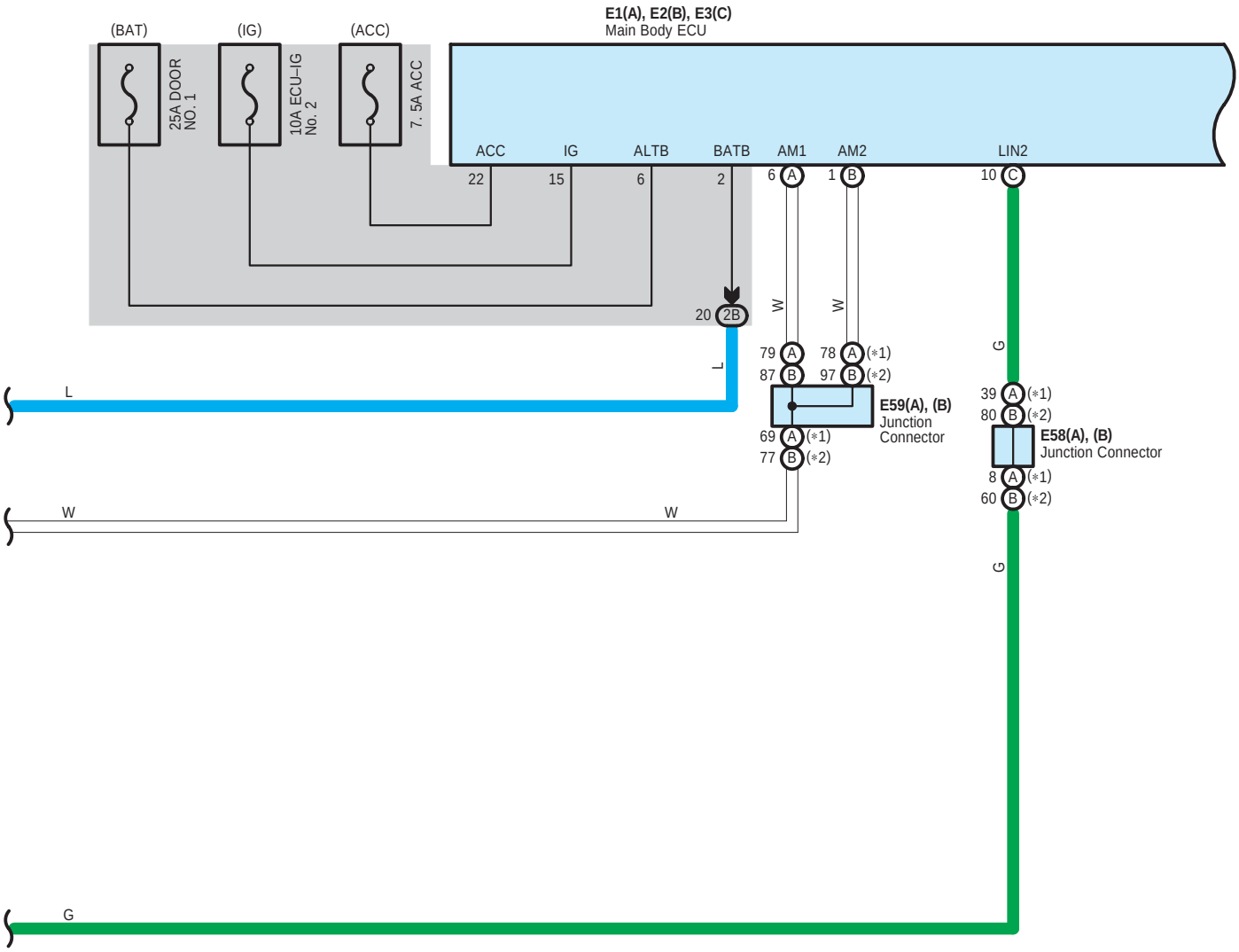

2B
White



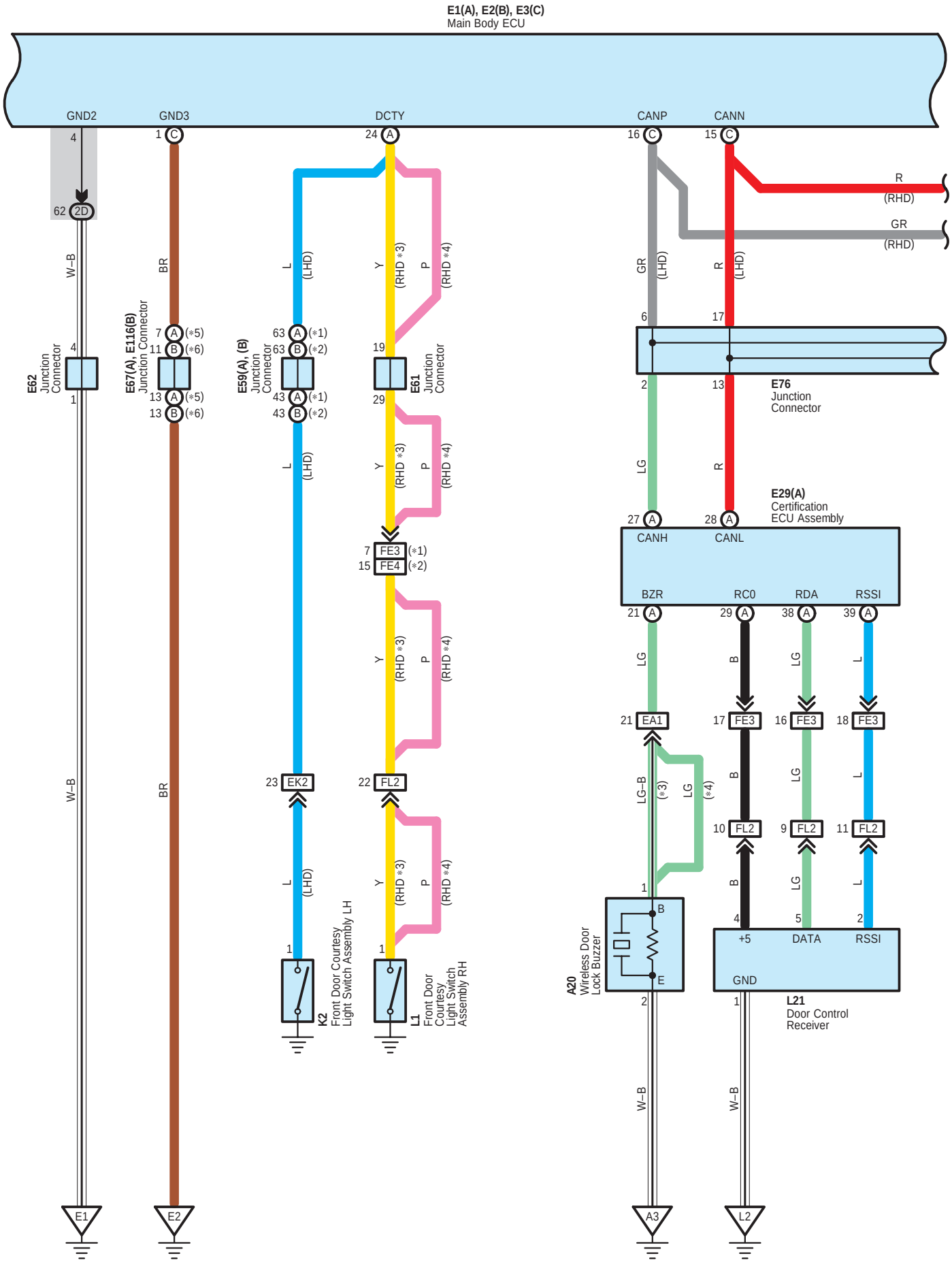

2D
White

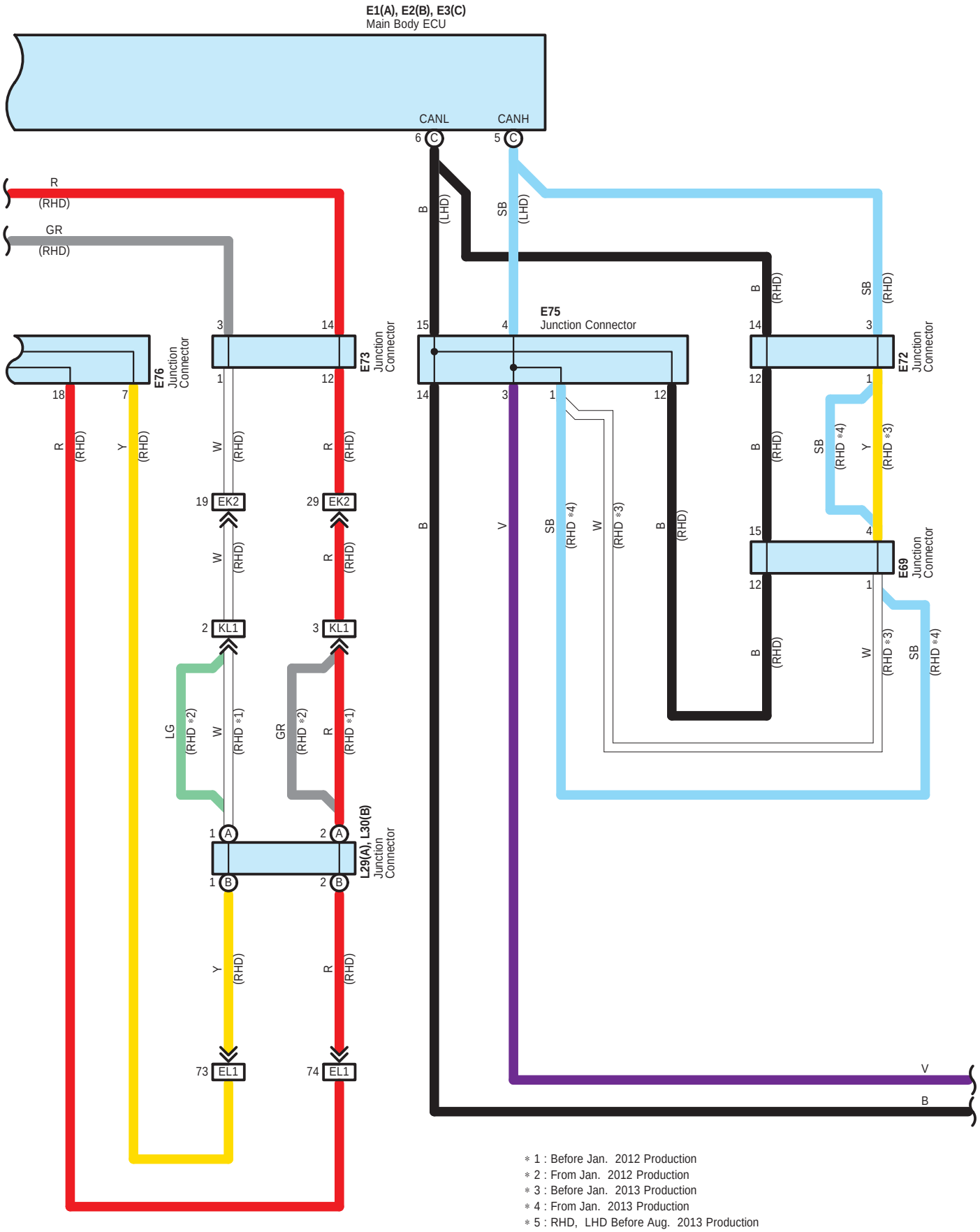



(BAT)
25A S/ROOF
64 2D
(IG)
10A ECU–IG No. 2
7 2D
(BAT)
5A AM2
2
(BAT)
25A DOOR NO. 2
2
G
51 A (*1)
51 B (*2)
E60(A), (B) Junction Connector
31 A (*1)
31 B (*2)
G
L
1 RE1
16 RE2
L
G
1
5
B
IG
R5
Sliding Roof Control ECU
M
UP
DWN
CLS
OPN
E
MPX1
10
8
9
7
2
4
R
R
G
P
W–B
G
24 A
23 A
12 B
3 B
UP
DWN(*1)
DOWN(*2)
CLS
OPN
Sliding Roof Control Switch
GND9
16 A
R7(A), R12(B)
Overhead Module
2 RE1
W–B
W–B
11 RE2
W–B
3
E62
Junction Connector
1
W–B
E1
1
1
W
L
36 EA2
L
W
W

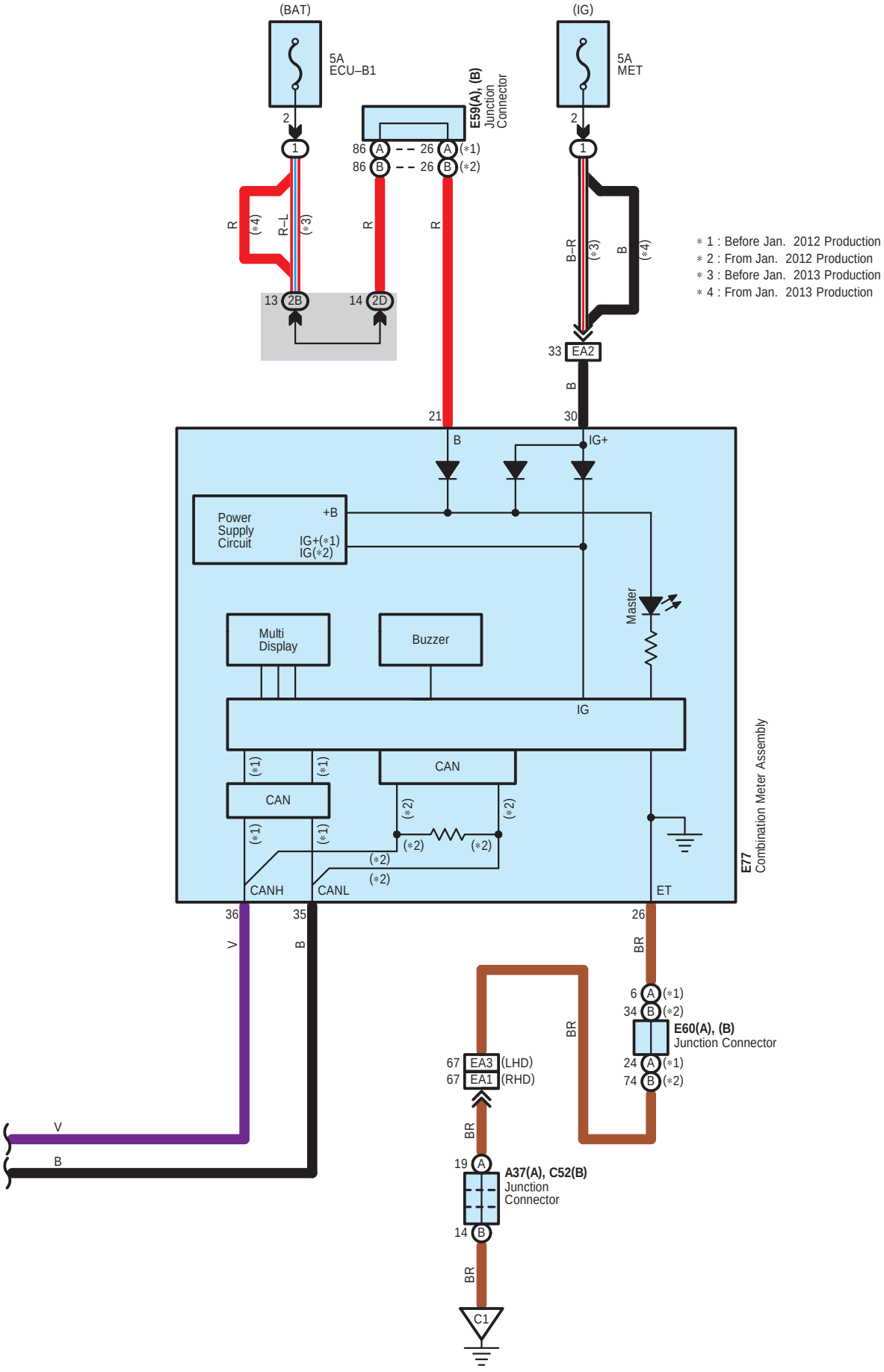



* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production

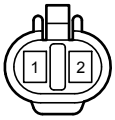

E1(A), E2(B), E3(C)
Main Body ECU
GND2
GND3
DCTY
CANP
CANN
E62
Junction Connector
E67(A), E116(B)
Junction Connector
E59(A), (B)
Junction Connector
E61
Junction Connector
E76
Junction Connector
E29(A)
Certification ECU Assembly
CANH
CANL
BZR
RC0
RDA
RSSI
K2
Front Door Courtesy Light Switch Assembly LH
L1
Front Door Courtesy Light Switch Assembly RH
A20
Wireless Door Lock Buzzer
L21
Door Control Receiver
+5
DATA
GND
E1
E2
A3
L2
R (RHD)
GR (RHD)
(LHD)
(RHD *3)
(RHD *4)
(*1)
(*2)
(*3)
(*4)
(*5)
(*6)



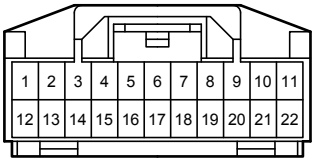

* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production
* 3 : Before Jan. 2013 Production
* 4 : From Jan. 2013 Production
* 5 : RHD, LHD Before Aug. 2013 Production
* 6 : LHD From Aug. 2013 Production


(BAT)
5A
ECU–B1
2
1
E59(A), (B)
Junction
Connector
86 A
86 B
26 A (*1)
26 B (*2)
R
(*4)
R–L
(*3)
R
R
13 2B
14 2D
21
(IG)
5A
MET
2
1
B–R
(*3)
B
(*4)
33 EA2
B
30
B
IG+
Power
Supply
Circuit
+B
IG+(*1)
IG(*2)
Master
Multi
Display
Buzzer
IG
CAN
CAN
(*1)
(*2)
CANH
CANL
ET
E77
Combination Meter Assembly
36
35
26
V
B
BR
6 A (*1)
34 B (*2)
E60(A), (B)
Junction Connector
24 A (*1)
74 B (*2)
67 EA3 (LHD)
67 EA1 (RHD)
BR
BR
19 A
A37(A), C52(B)
Junction
Connector
14 B
BR
C1
V
B
* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production
* 3 : Before Jan. 2013 Production
* 4 : From Jan. 2013 Production

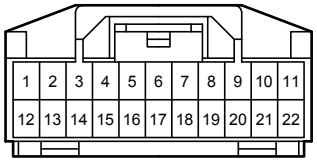
A 20
Black



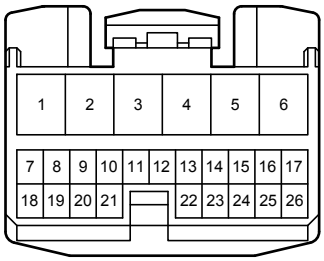

A 37
Blue



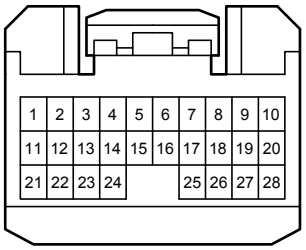

C 52
Blue



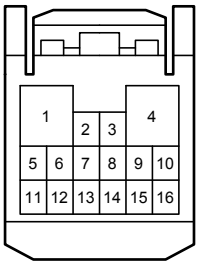

E 1
White



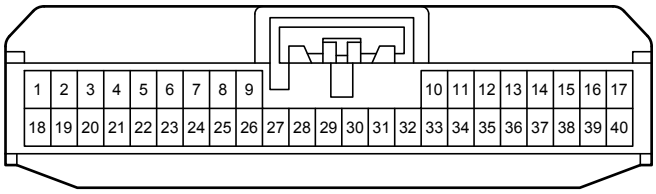

E 2
White



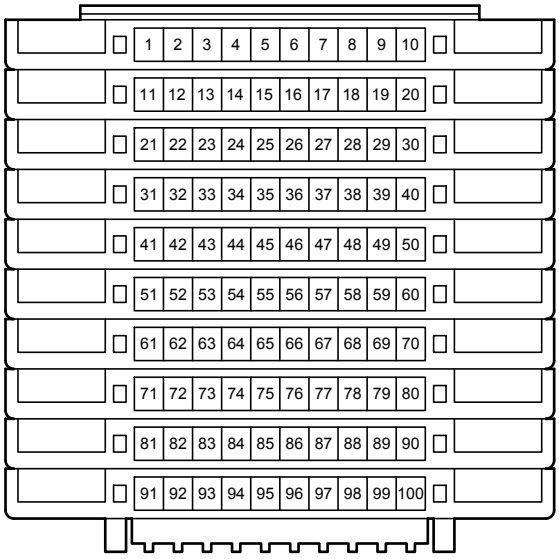

E 3
White



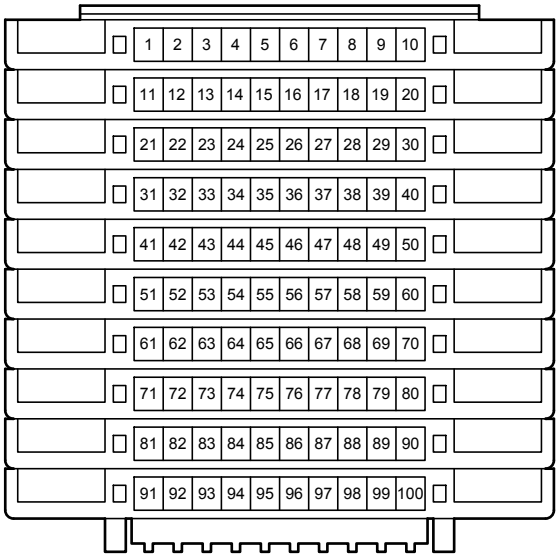

E 29
White



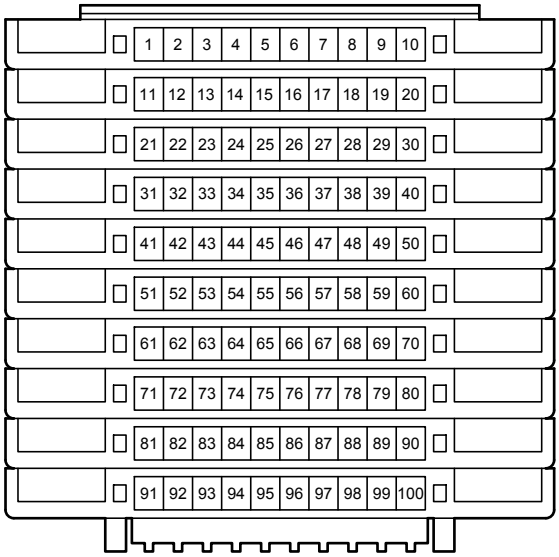

E 58
White



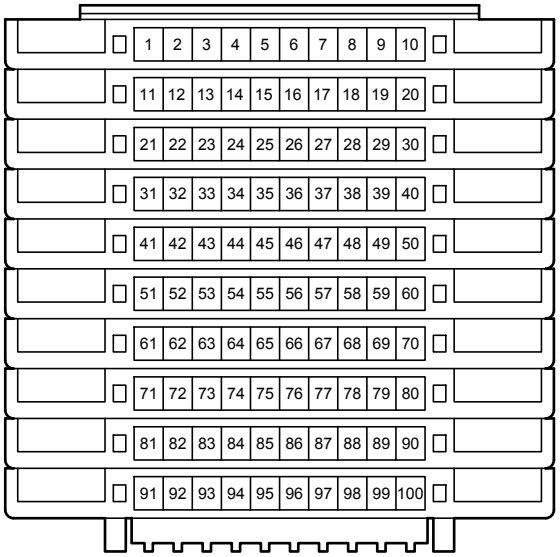

E 59
White



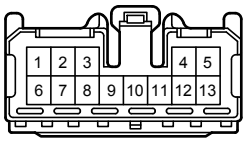
E 60
White



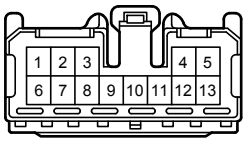

E 61
White



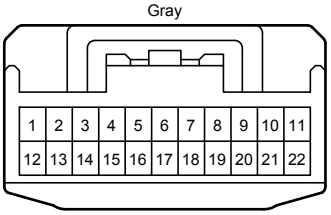

E 62
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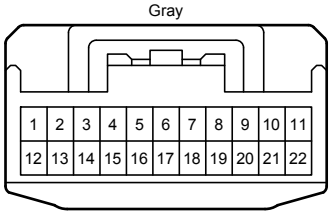

E 67
White



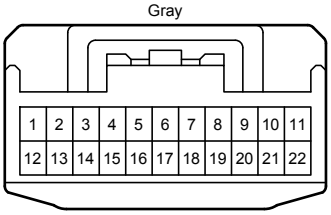

E 69
Gray



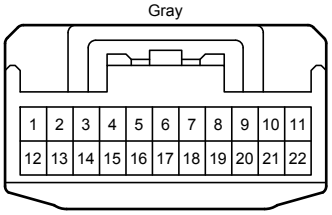

E 72
Gray



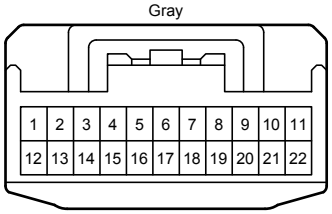

E 73
Gray



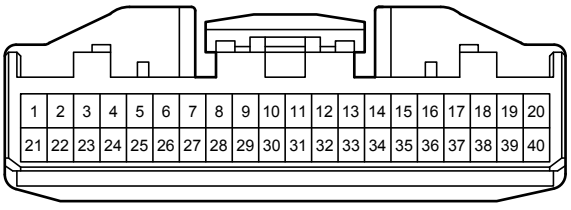

E 75
Gray



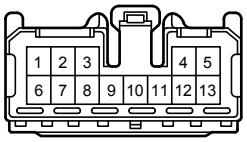

E 76
Gray




E 77
White




E116
White



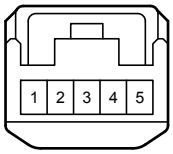

K 2
White



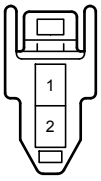

L 1
White



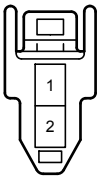

L 21
White



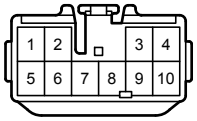

L 29
White



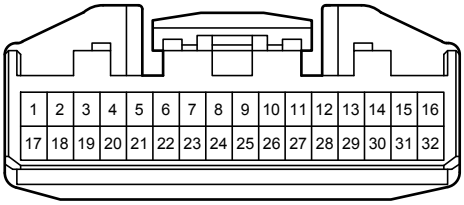

L 30
White



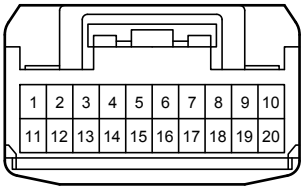
R 5
White



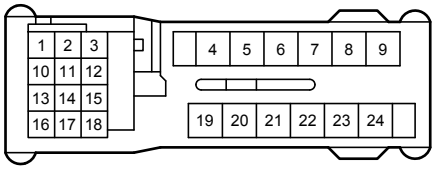

R 7
White



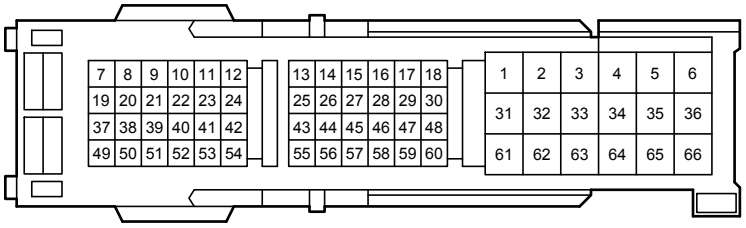

R 12
White



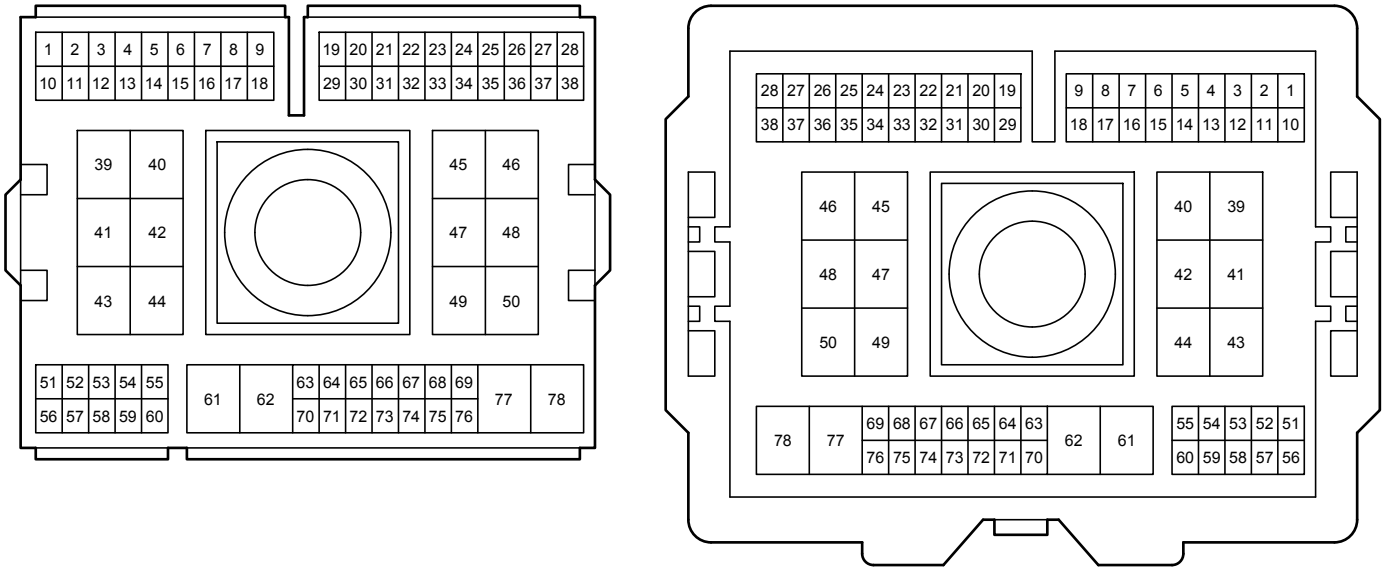

2B
White




2D
White

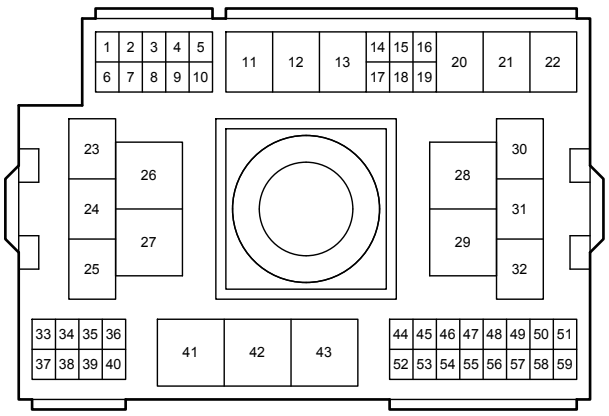



EA1
White

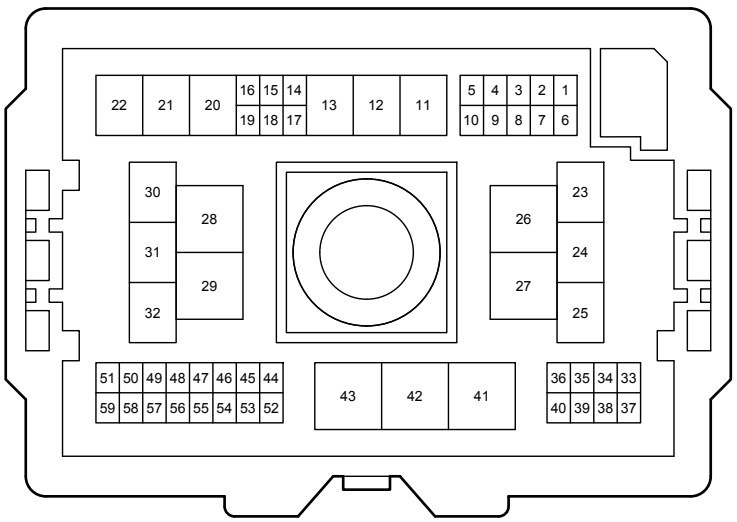


EA2

White

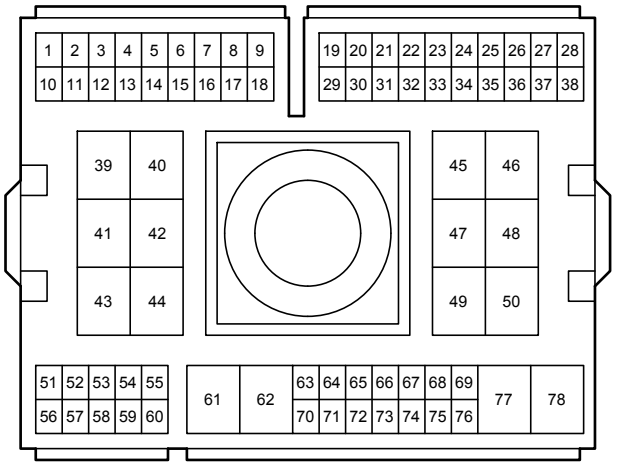


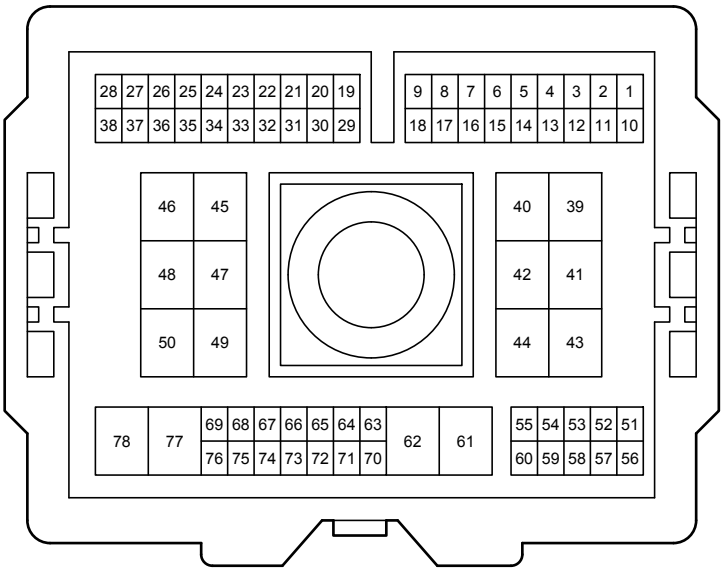

Gray



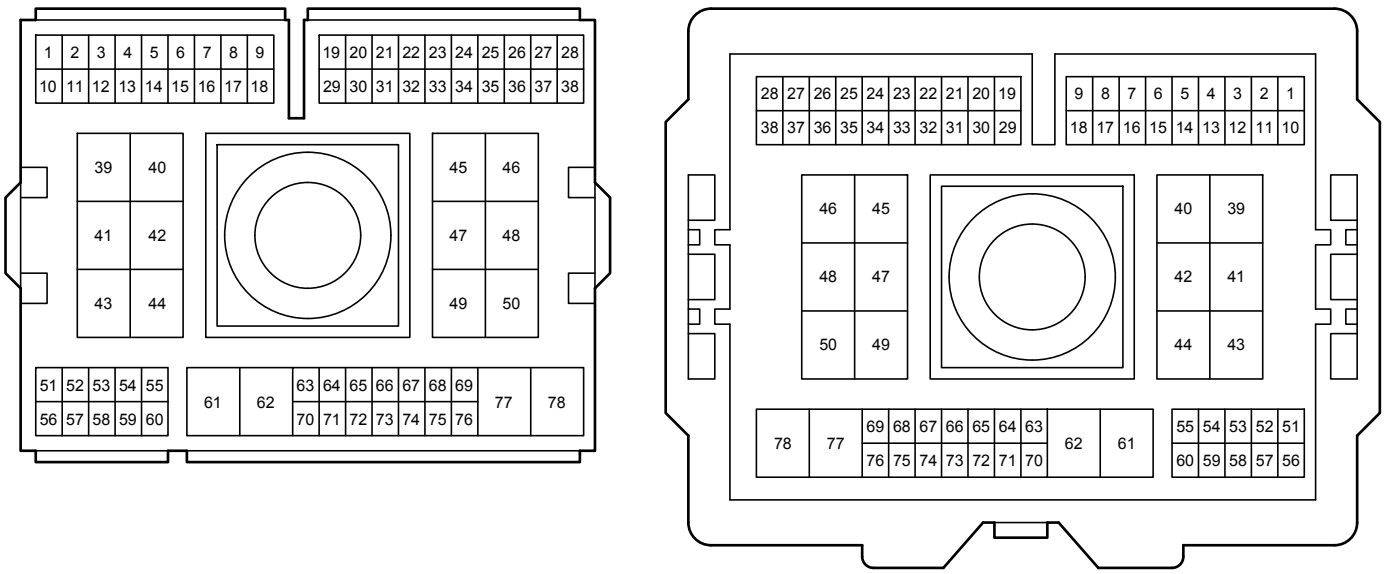

EA3

White

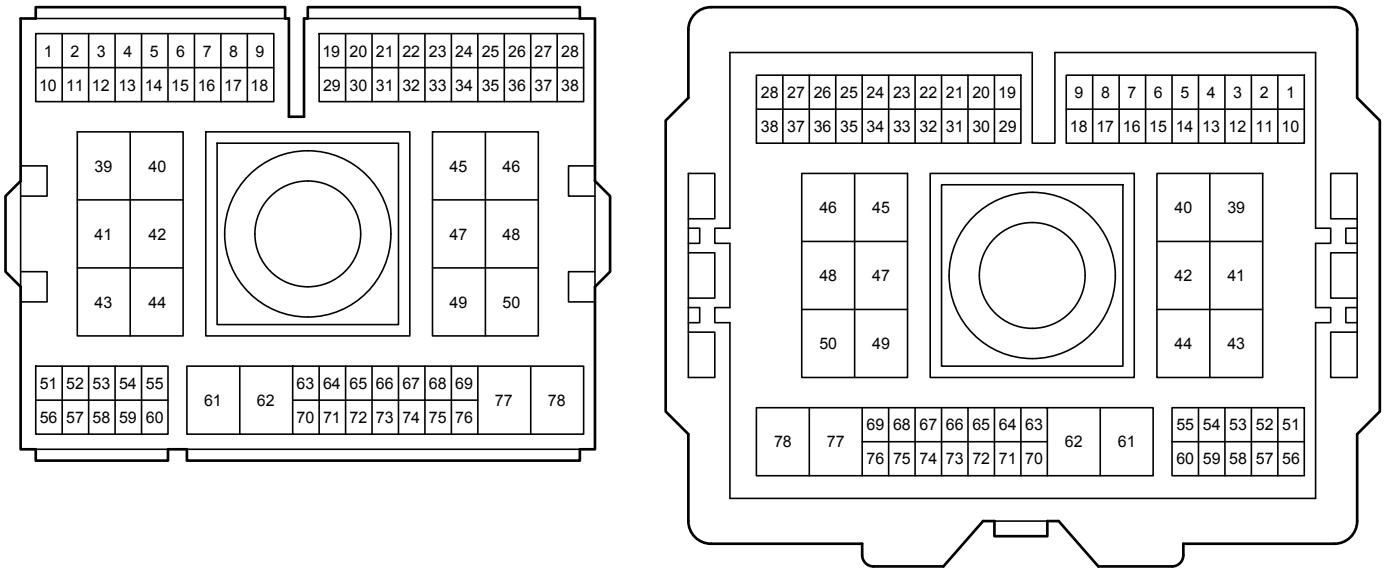


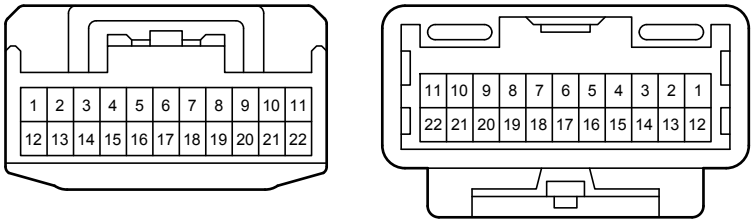
EK2
White



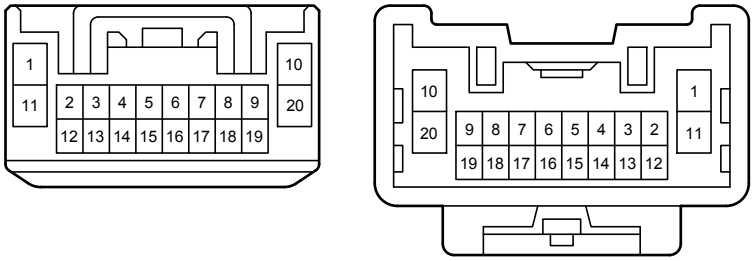

EL1
White



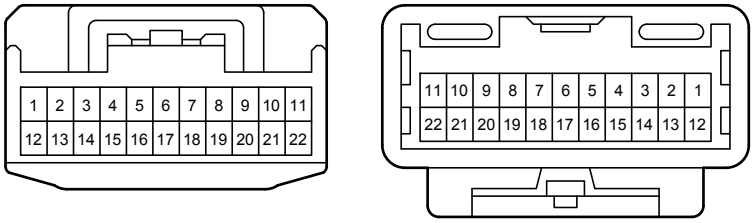

FE3
White



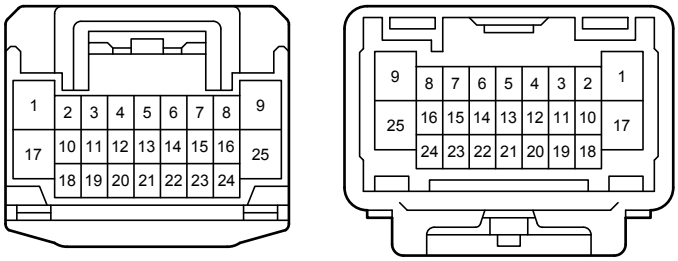
FE4
White



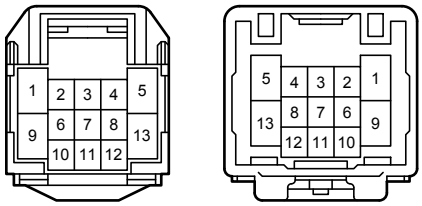

FL2
Blue



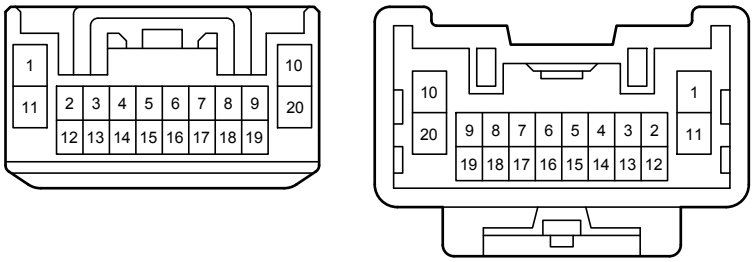

KL1
White

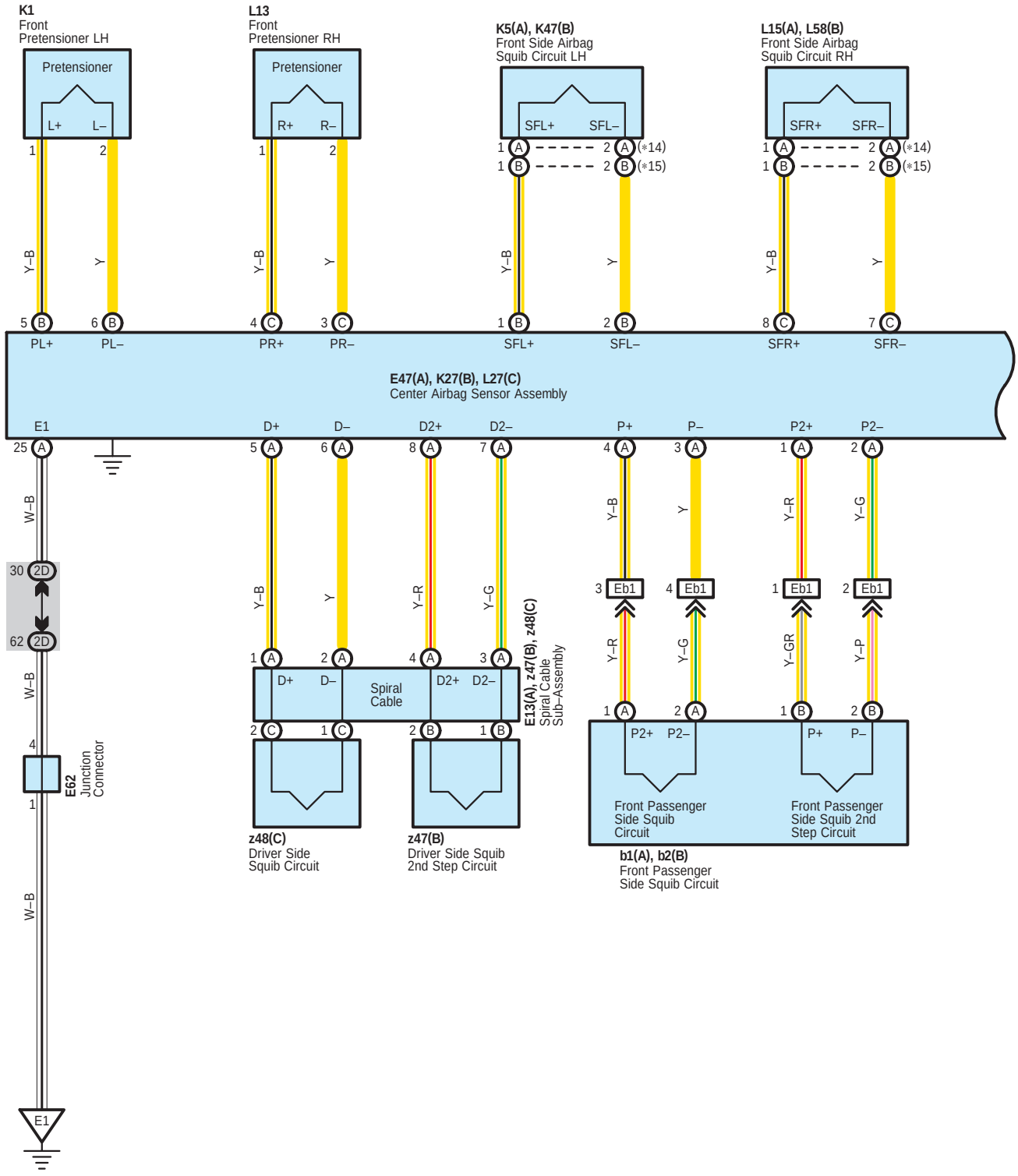


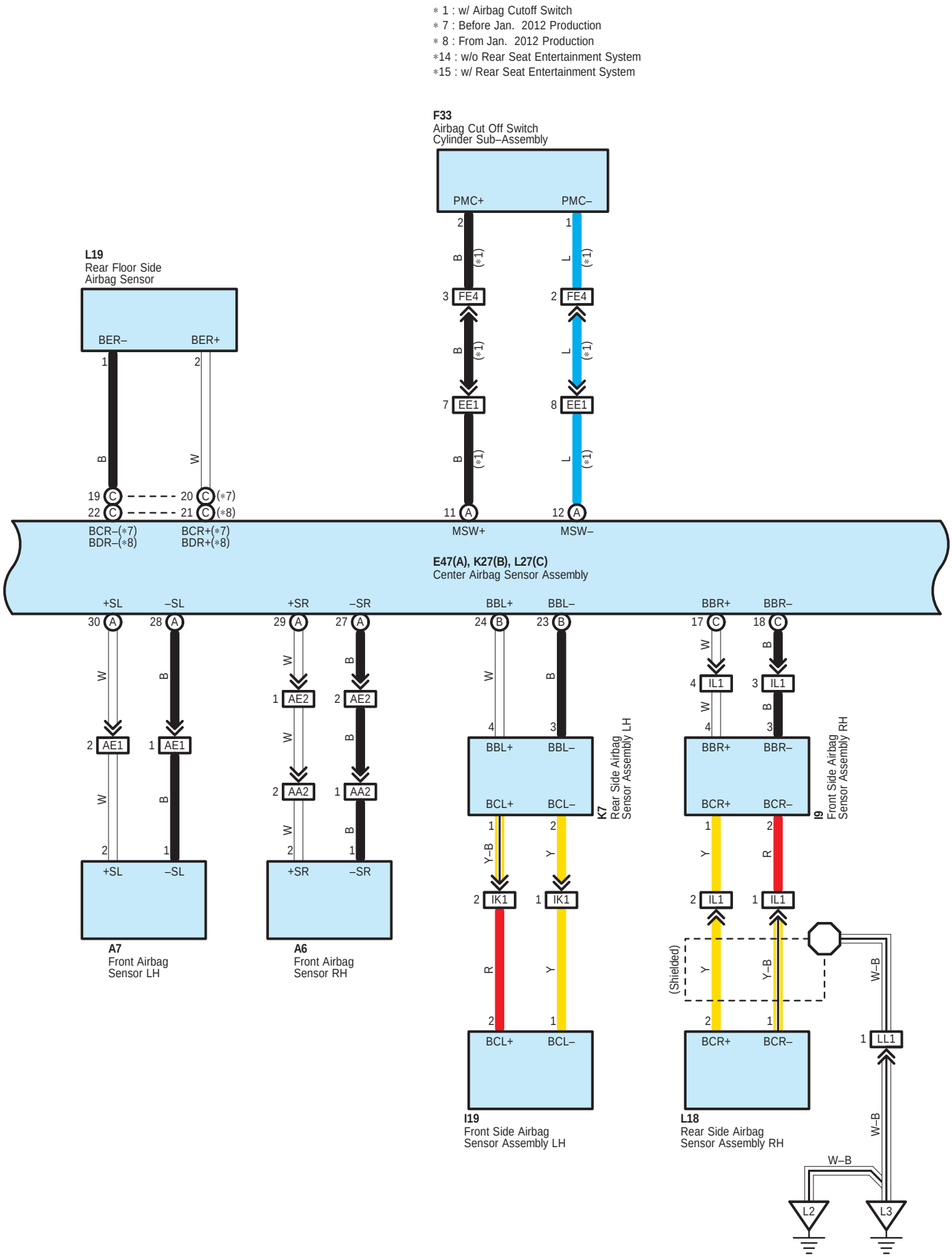

RE1
White

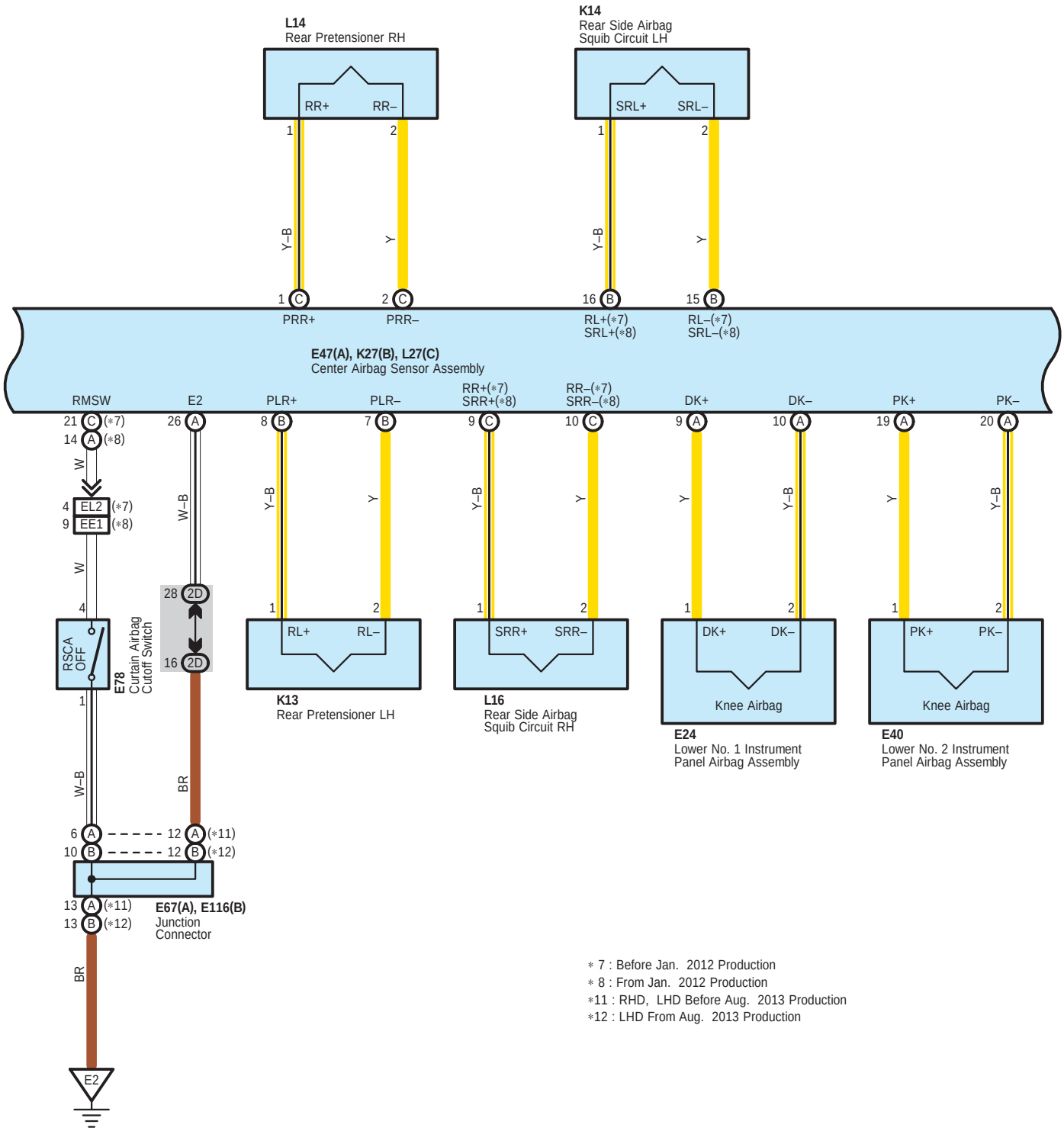


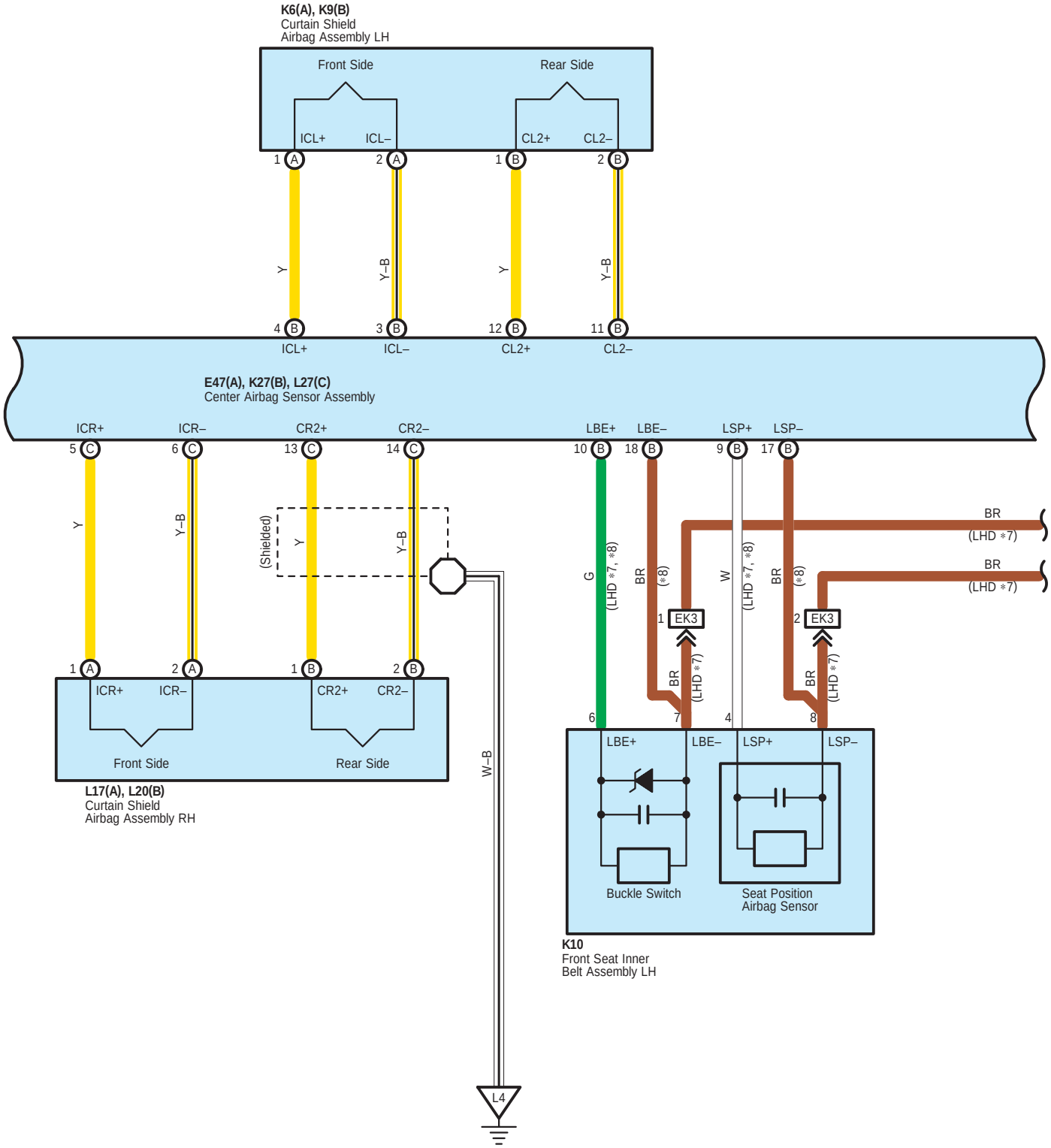

RE2
Blue

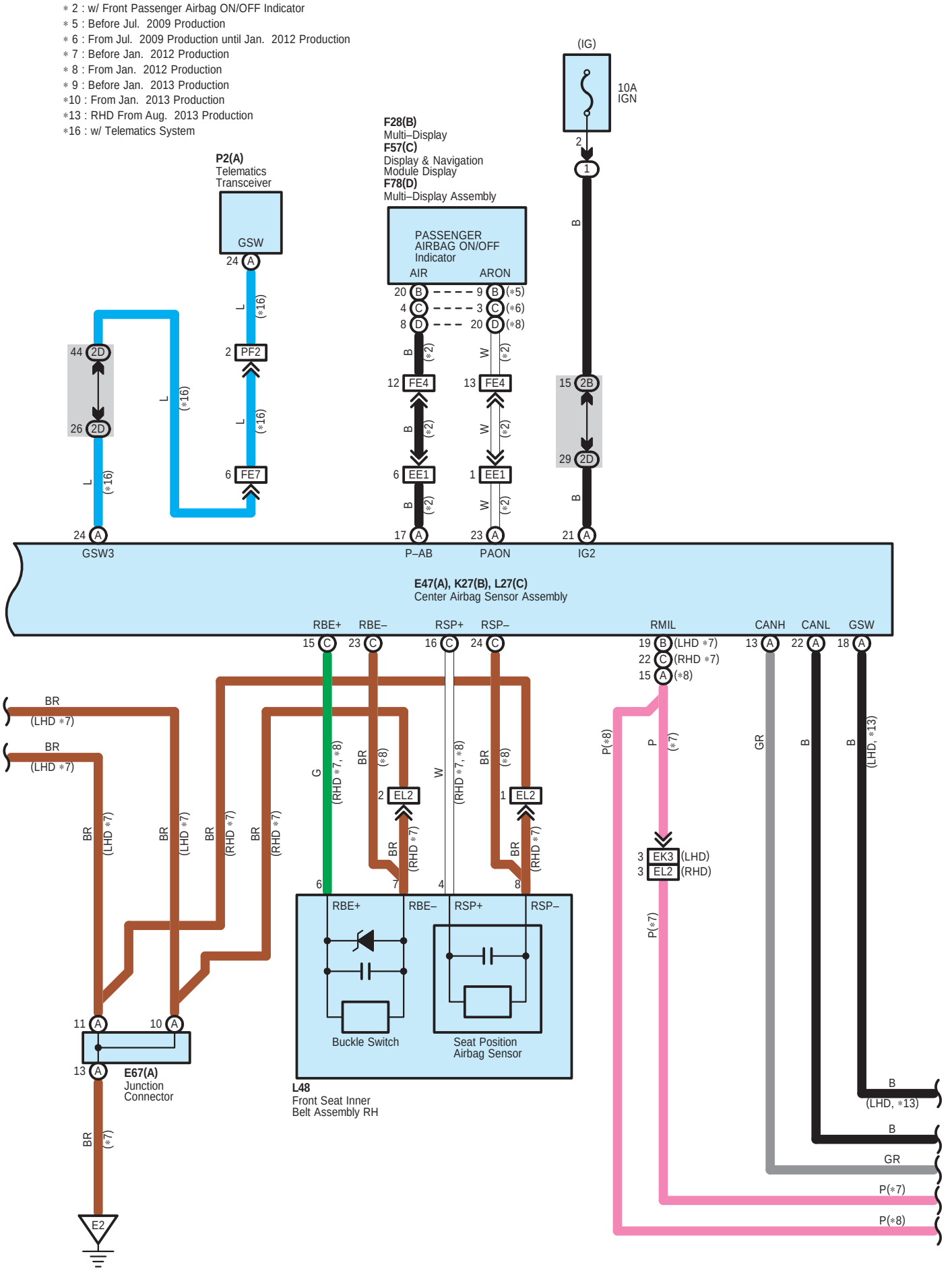


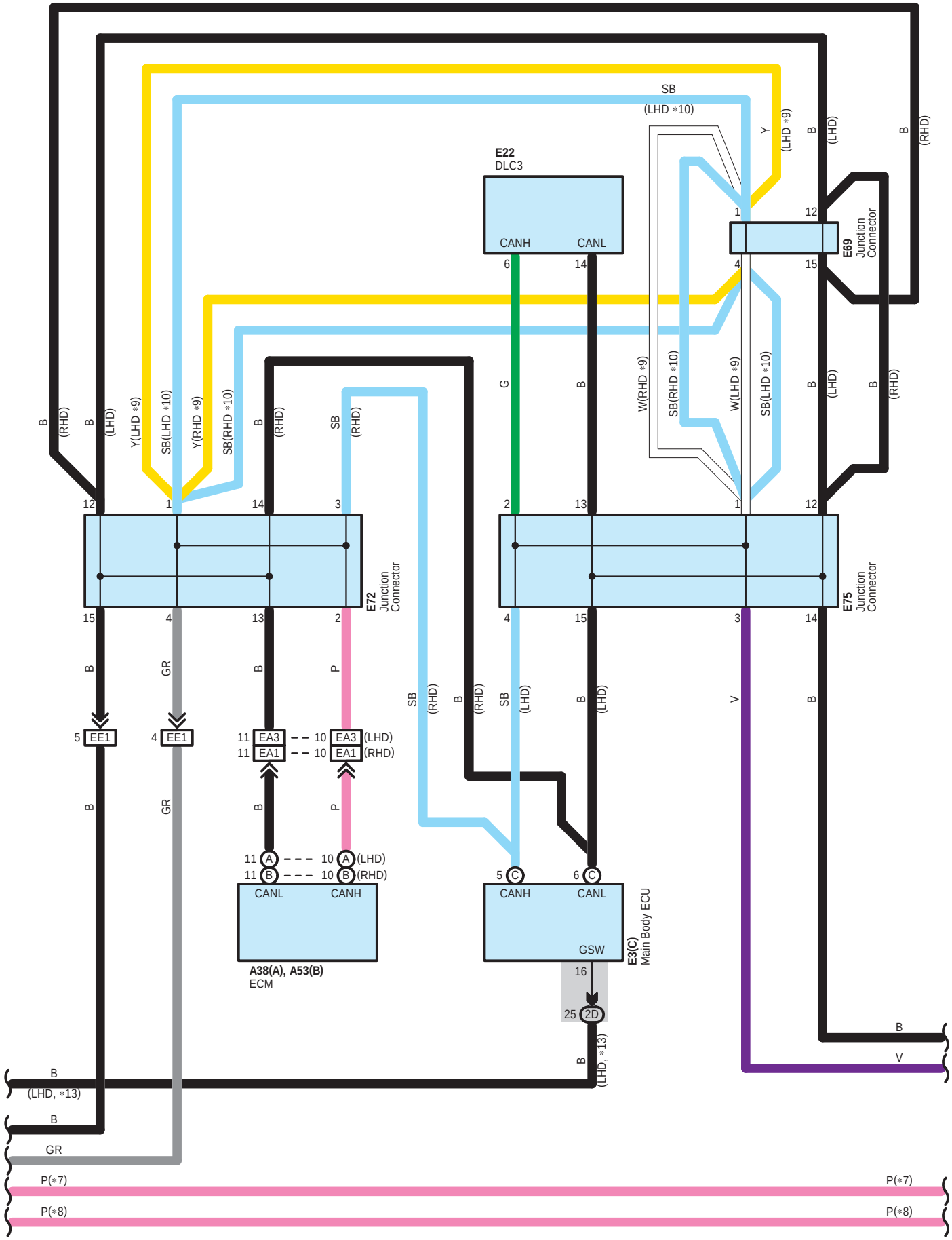

K1
Front
Pretensioner LH
Pretensioner
L+
L–
L13
Front
Pretensioner RH
Pretensioner
R+
R–
K5(A), K47(B)
Front Side Airbag
Squib Circuit LH
SFL+
SFL–
L15(A), L58(B)
Front Side Airbag
Squib Circuit RH
SFR+
SFR–
(*14)
(*15)
Y–B
Y
PL+
PL–
PR+
PR–
SFL+
SFL–
SFR+
SFR–
E47(A), K27(B), L27(C)
Center Airbag Sensor Assembly
E1
D+
D–
D2+
D2–
P+
P–
P2+
P2–
W–B
Y–R
Y–G
Y–GR
Y–P
Eb1
Spiral
Cable
E13(A), z47(B), z48(C)
Spiral Cable
Sub–Assembly
E62
Junction
Connector
z48(C)
Driver Side
Squib Circuit
z47(B)
Driver Side Squib
2nd Step Circuit
Front Passenger
Side Squib
Circuit
Front Passenger
Side Squib 2nd
Step Circuit
b1(A), b2(B)
Front Passenger
Side Squib Circuit

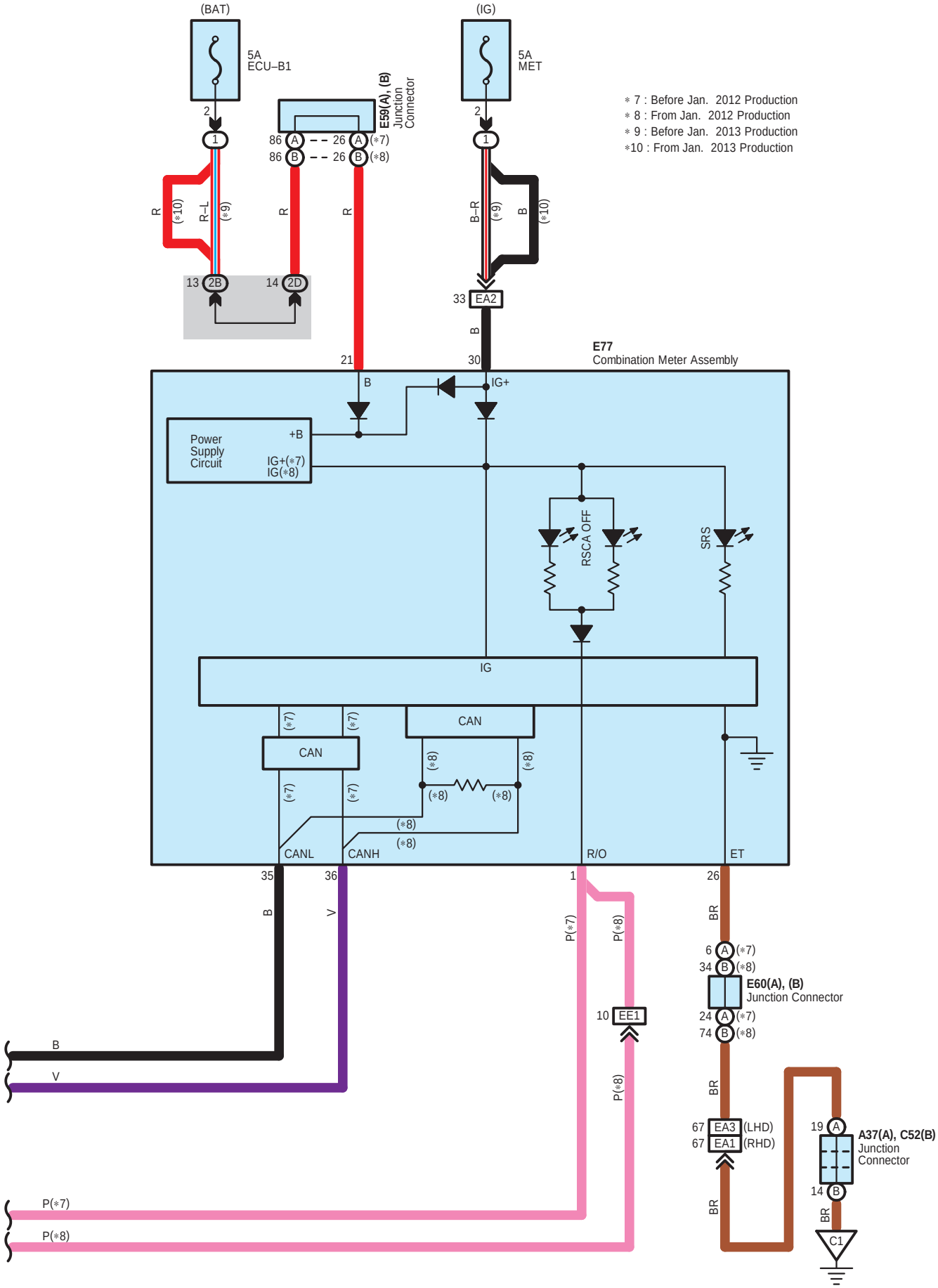

∗ 1 : w/ Airbag Cutoff Switch
∗ 7 : Before Jan. 2012 Production
∗ 8 : From Jan. 2012 Production
∗14 : w/o Rear Seat Entertainment System
∗15 : w/ Rear Seat Entertainment System
F33
Airbag Cut Off Switch Cylinder Sub–Assembly
PMC+
PMC–
L19
Rear Floor Side Airbag Sensor
BER–
BER+
BCR–(∗7) BDR–(∗8)
BCR+(∗7) BDR+(∗8)
MSW+
MSW–
E47(A), K27(B), L27(C)
Center Airbag Sensor Assembly
+SL
–SL
+SR
–SR
BBL+
BBL–
BBR+
BBR–
A7
Front Airbag Sensor LH
A6
Front Airbag Sensor RH
K7
Rear Side Airbag Sensor Assembly LH
I9
Front Side Airbag Sensor Assembly RH
I19
Front Side Airbag Sensor Assembly LH
L18
Rear Side Airbag Sensor Assembly RH
(Shielded)
W–B
L2
L3


L14
Rear Pretensioner RH
RR+
RR–
1
2
Y–B
Y
1 C
2 C
PRR+
PRR–
K14
Rear Side Airbag
Squib Circuit LH
SRL+
SRL–
1
2
Y–B
Y
16 B
15 B
RL+(∗7)
SRL+(∗8)
RL–(∗7)
SRL–(∗8)
E47(A), K27(B), L27(C)
Center Airbag Sensor Assembly
RMSW
E2
PLR+
PLR–
RR+(∗7)
SRR+(∗8)
RR–(∗7)
SRR–(∗8)
DK+
DK–
PK+
PK–
21 C (∗7)
14 A (∗8)
W
4 EL2 (∗7)
9 EE1 (∗8)
W
4
RSCA
OFF
E78
Curtain Airbag
Cutoff Switch
1
W–B
26 A
W–B
28 2D
16 2D
BR
8 B
7 B
Y–B
Y
1
2
RL+
RL–
K13
Rear Pretensioner LH
9 C
10 C
Y–B
Y
1
2
SRR+
SRR–
L16
Rear Side Airbag
Squib Circuit RH
9 A
10 A
Y
Y–B
1
2
DK+
DK–
Knee Airbag
E24
Lower No. 1 Instrument
Panel Airbag Assembly
19 A
20 A
Y
Y–B
1
2
PK+
PK–
Knee Airbag
E40
Lower No. 2 Instrument
Panel Airbag Assembly
6 A
10 B
12 A (∗11)
12 B (∗12)
13 A (∗11)
13 B (∗12)
E67(A), E116(B)
Junction
Connector
BR
E2
∗ 7 : Before Jan. 2012 Production
∗ 8 : From Jan. 2012 Production
∗11 : RHD, LHD Before Aug. 2013 Production
∗12 : LHD From Aug. 2013 Production

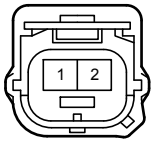

K6(A), K9(B)
Curtain Shield
Airbag Assembly LH
Front Side
Rear Side
ICL+
ICL–
CL2+
CL2–
1 A
2 A
1 B
2 B
Y
Y–B
Y
Y–B
4 B
3 B
12 B
11 B
ICL+
ICL–
CL2+
CL2–
E47(A), K27(B), L27(C)
Center Airbag Sensor Assembly
ICR+
ICR–
CR2+
CR2–
LBE+
LBE–
LSP+
LSP–
5 C
6 C
13 C
14 C
10 B
18 B
9 B
17 B
(Shielded)
Y
Y–B
G
(LHD *7, *8)
BR
(*8)
W
(LHD *7, *8)
BR
(*8)
BR
(LHD *7)
BR
(LHD *7)
1 EK3
2 EK3
BR
(LHD *7)
BR
(LHD *7)
1 A
2 A
1 B
2 B
6
7
4
8
ICR+
ICR–
CR2+
CR2–
LBE+
LBE–
LSP+
LSP–
Front Side
Rear Side
W–B
L4
Buckle Switch
Seat Position
Airbag Sensor
L17(A), L20(B)
Curtain Shield
Airbag Assembly RH
K10
Front Seat Inner
Belt Assembly LH


∗ 2 : w/ Front Passenger Airbag ON/OFF Indicator
∗ 5 : Before Jul. 2009 Production
∗ 6 : From Jul. 2009 Production until Jan. 2012 Production
∗ 7 : Before Jan. 2012 Production
∗ 8 : From Jan. 2012 Production
∗ 9 : Before Jan. 2013 Production
∗10 : From Jan. 2013 Production
∗13 : RHD From Aug. 2013 Production
∗16 : w/ Telematics System
P2(A)
Telematics Transceiver
GSW
F28(B)
Multi–Display
F57(C)
Display & Navigation Module Display
F78(D)
Multi–Display Assembly
PASSENGER AIRBAG ON/OFF Indicator
AIR
ARON
(IG)
10A IGN
PF2
FE7
FE4
EE1
2D
2B
GSW3
P–AB
PAON
IG2
E47(A), K27(B), L27(C)
Center Airbag Sensor Assembly
RBE+
RBE–
RSP+
RSP–
RMIL
CANH
CANL
GSW
(LHD ∗7)
(RHD ∗7)
(∗8)
EL2
EK3
(LHD)
(RHD)
E67(A)
Junction Connector
E2
L48
Front Seat Inner Belt Assembly RH
Buckle Switch
Seat Position Airbag Sensor
(LHD, ∗13)

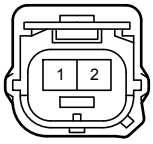

E22
DLC3
CANH
CANL
E69
Junction
Connector
E72
Junction
Connector
E75
Junction
Connector
A38(A), A53(B)
ECM
E3(C)
Main Body ECU
GSW
EE1
EA3
EA1
(LHD)
(RHD)
(LHD, *13)
SB
(LHD *10)
Y
(LHD *9)
Y(LHD *9)
Y(RHD *9)
SB(LHD *10)
SB(RHD *10)
W(RHD *9)
W(LHD *9)
G
B
GR
P
V
P(*7)
P(*8)


(BAT)
5A
ECU–B1
(IG)
5A
MET
E59(A), (B)
Junction
Connector
∗ 7 : Before Jan. 2012 Production
∗ 8 : From Jan. 2012 Production
∗ 9 : Before Jan. 2013 Production
∗10 : From Jan. 2013 Production
E77
Combination Meter Assembly
Power
Supply
Circuit
+B
IG+(∗7)
IG(∗8)
IG+
RSCA OFF
SRS
IG
CAN
CANL
CANH
R/O
ET
E60(A), (B)
Junction Connector
EE1
EA2
EA3 (LHD)
EA1 (RHD)
A37(A), C52(B)
Junction
Connector
C1

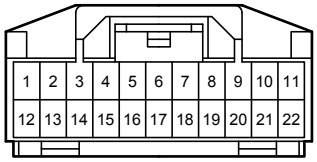
A 6
Yellow



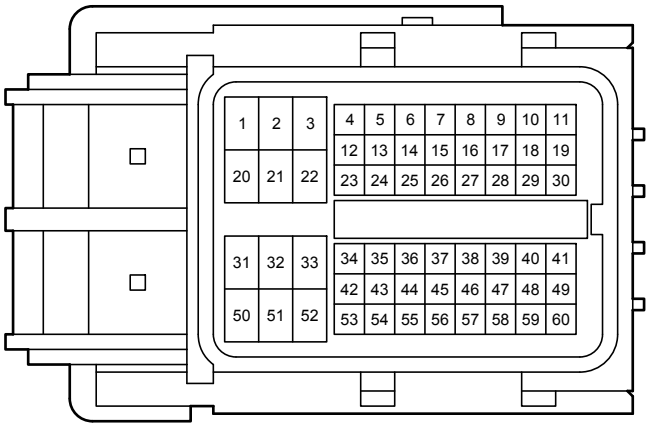

A 7
Yellow



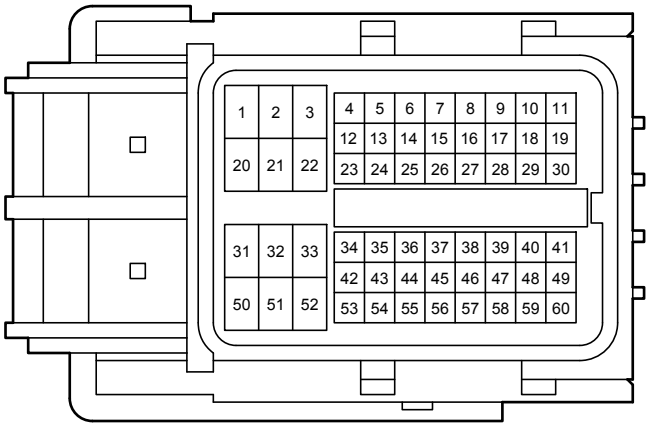

A 37
Blue



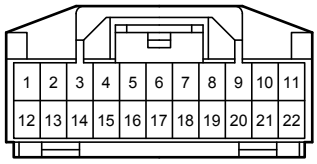

A 38
Black



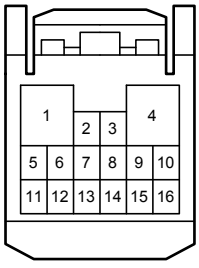

A 53
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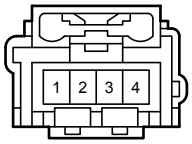

C 52
Blue



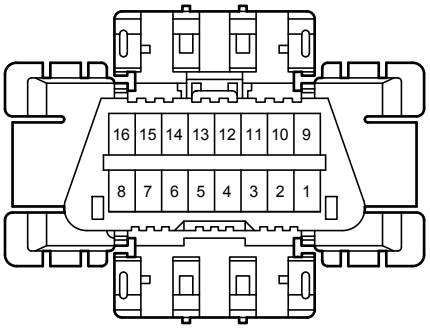

E 3
White



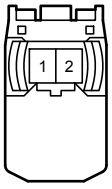

E 13
Yellow



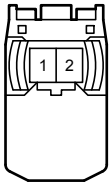

E 22
White



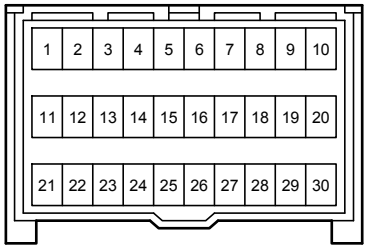

E 24
Black



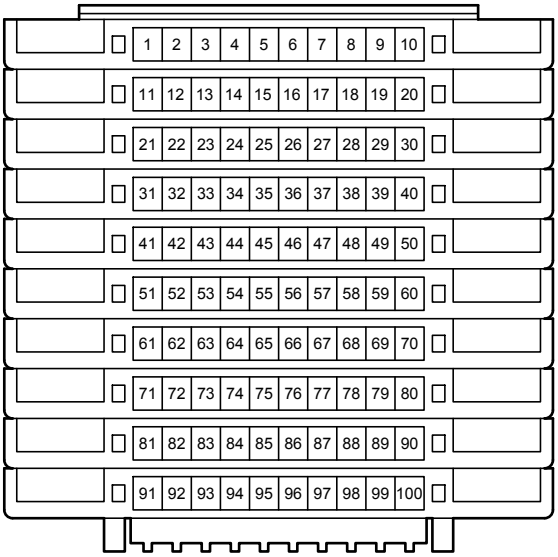
E 40
Black



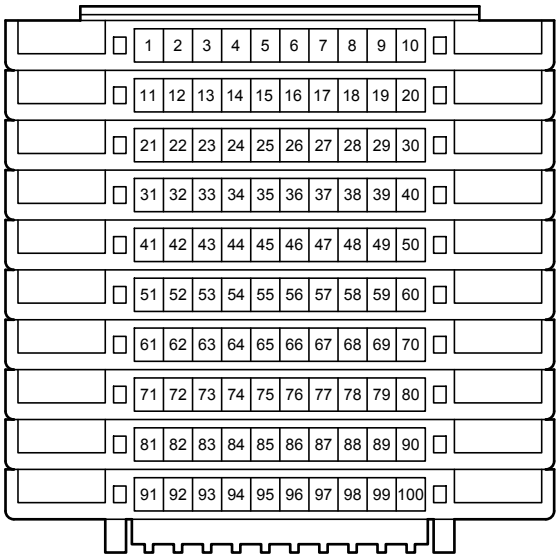

E 47
Yellow



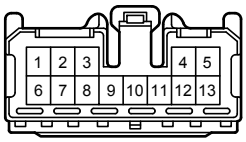

E 59
White



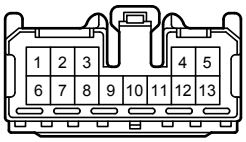

E 60
White



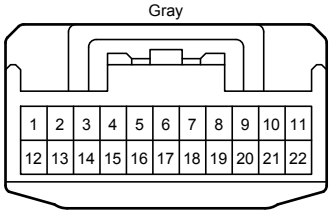

E 62
White



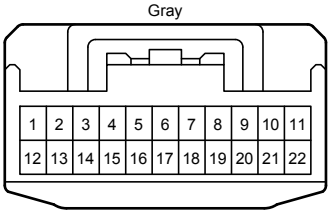

E 67
White



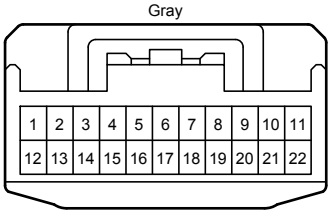

E 69
Gray



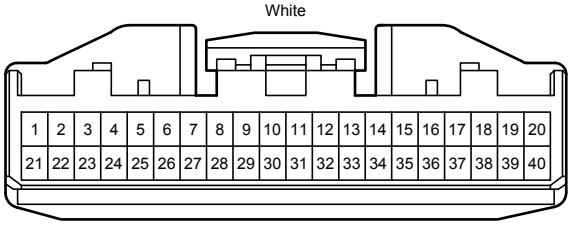

E 72
Gray



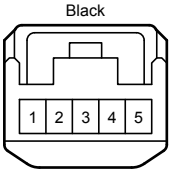

E 75
Gray



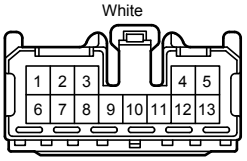

E 77
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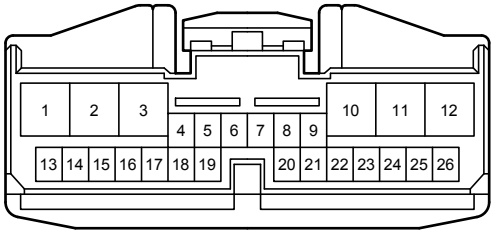

E 78
Black




E116
White



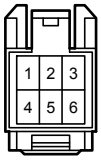
F 28
White



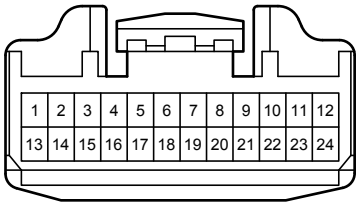

F 33
White



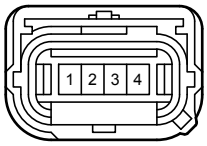

F 57
Blue



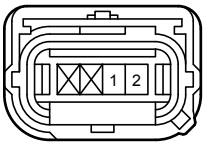

F 78
White



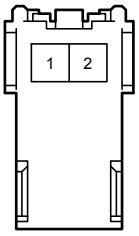

I 9
Yellow



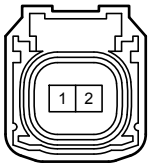

I 19
Yellow



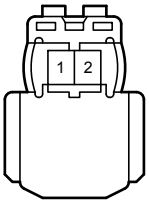

K 1
Yellow



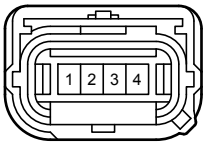

K 5
Yellow



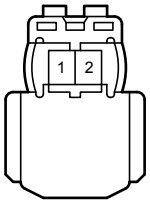

K 6
Black



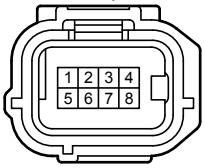

K 7
Yellow



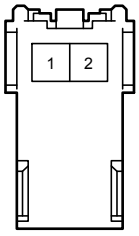

K 9
Black



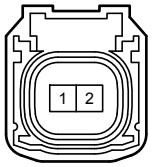

K 10
Gray



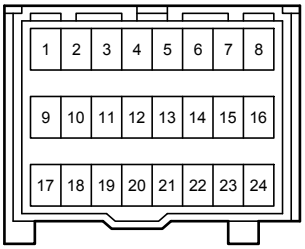

K 13
Yellow



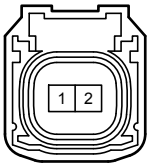

K 14
Yellow



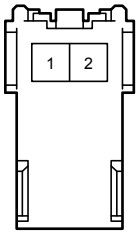

K 27
Yellow



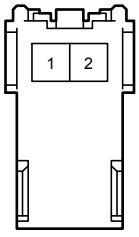

K 47
Yellow



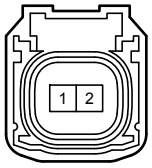

L 13
Yellow



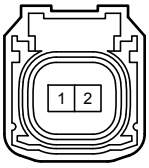

L 14
Yellow



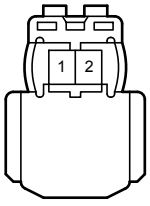

L 15
Yellow



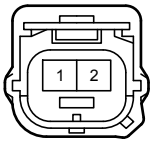

L 16
Yellow



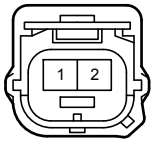

L 17
Black



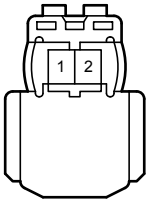

L 18
Yellow



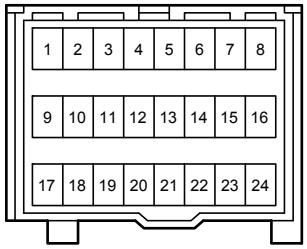
L 19
Yellow



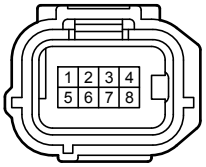

L 20
Black



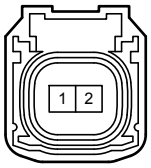

L 27
Yellow



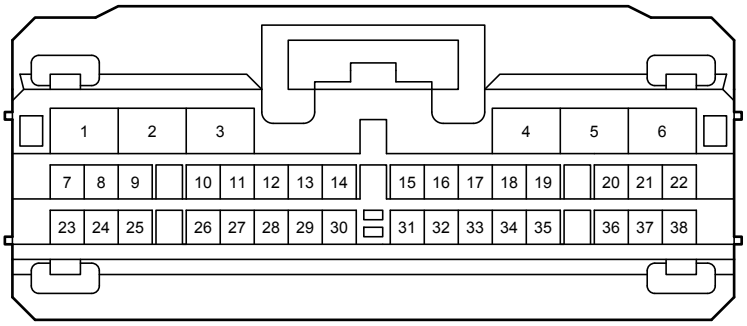

L 48
Gray



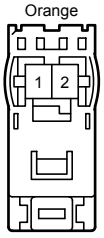

L 58
Yellow



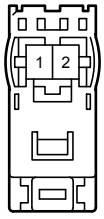

P 2
White



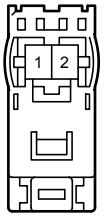

b 1
Orange



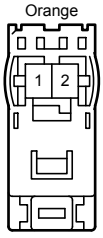

b 2
Black



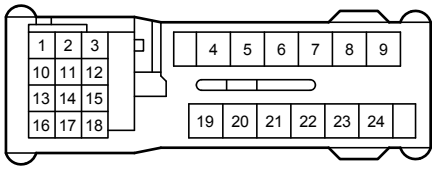

z 47
Black



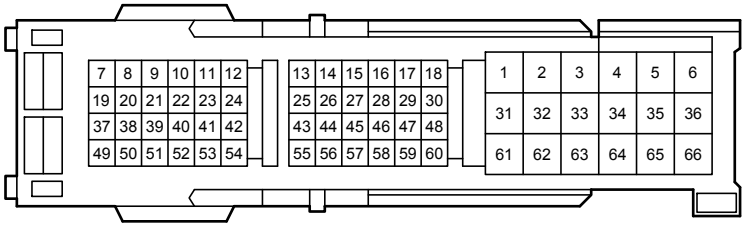

z 48
Orange



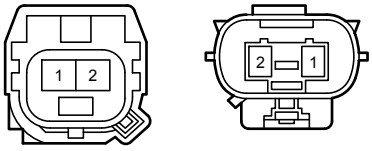

2B
White



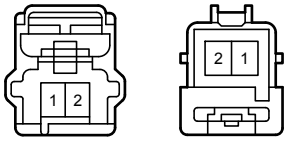

2D
White



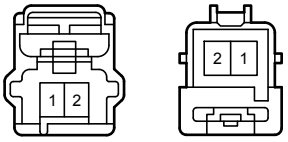

AA2
Yellow




AE1
Yellow

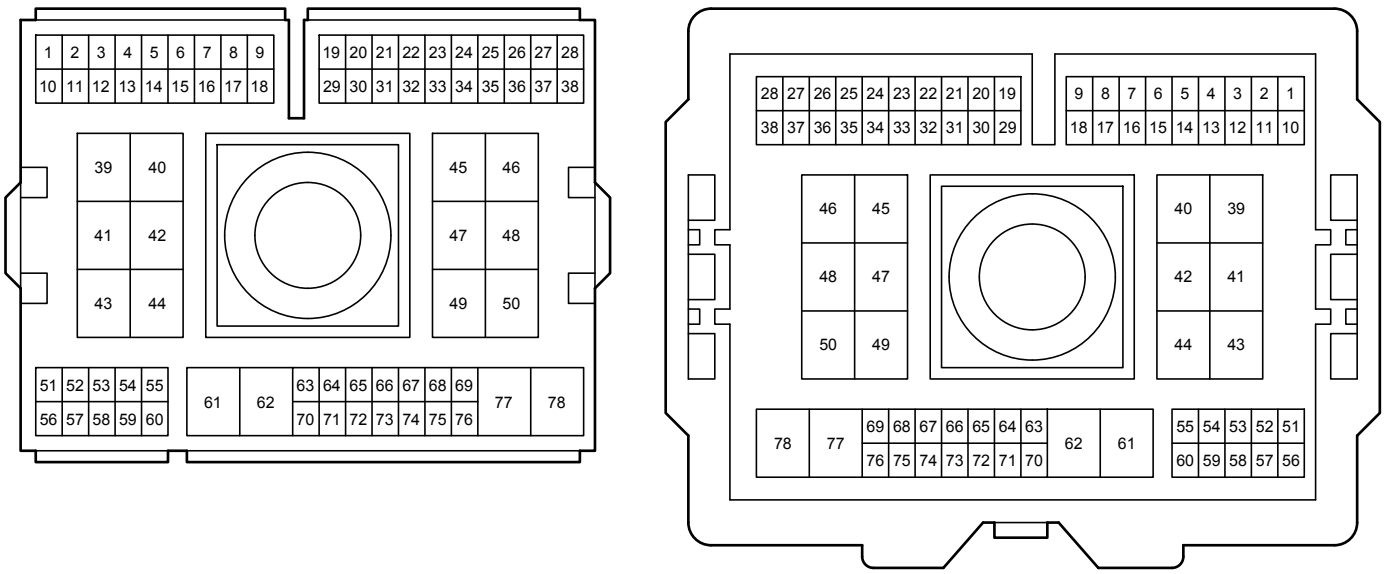



AE2
Yellow



EA1

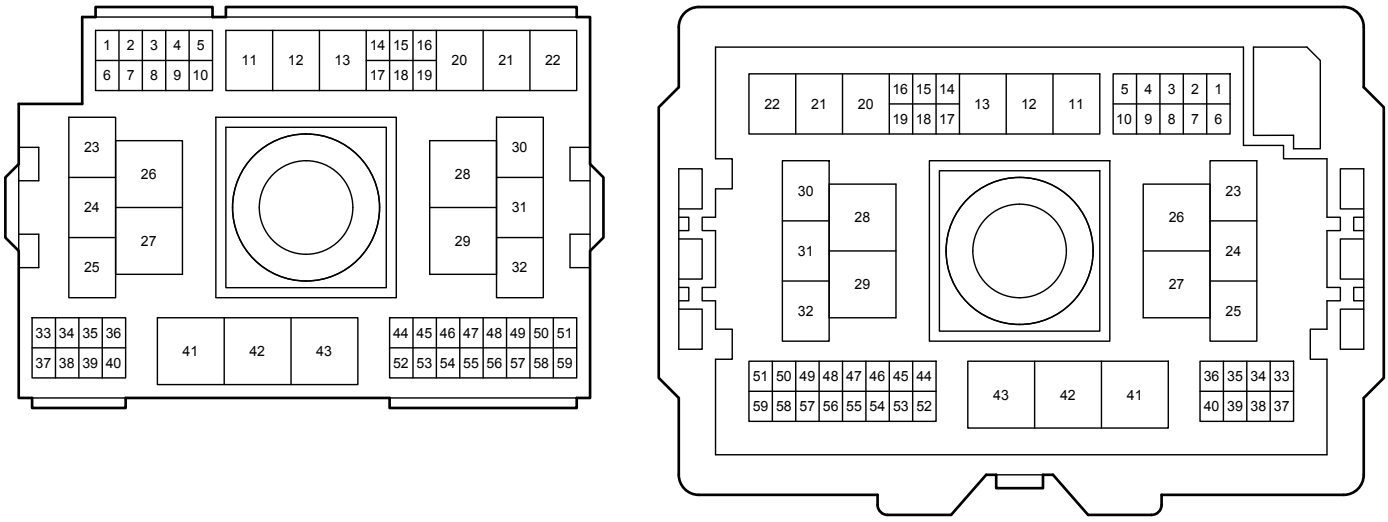
White



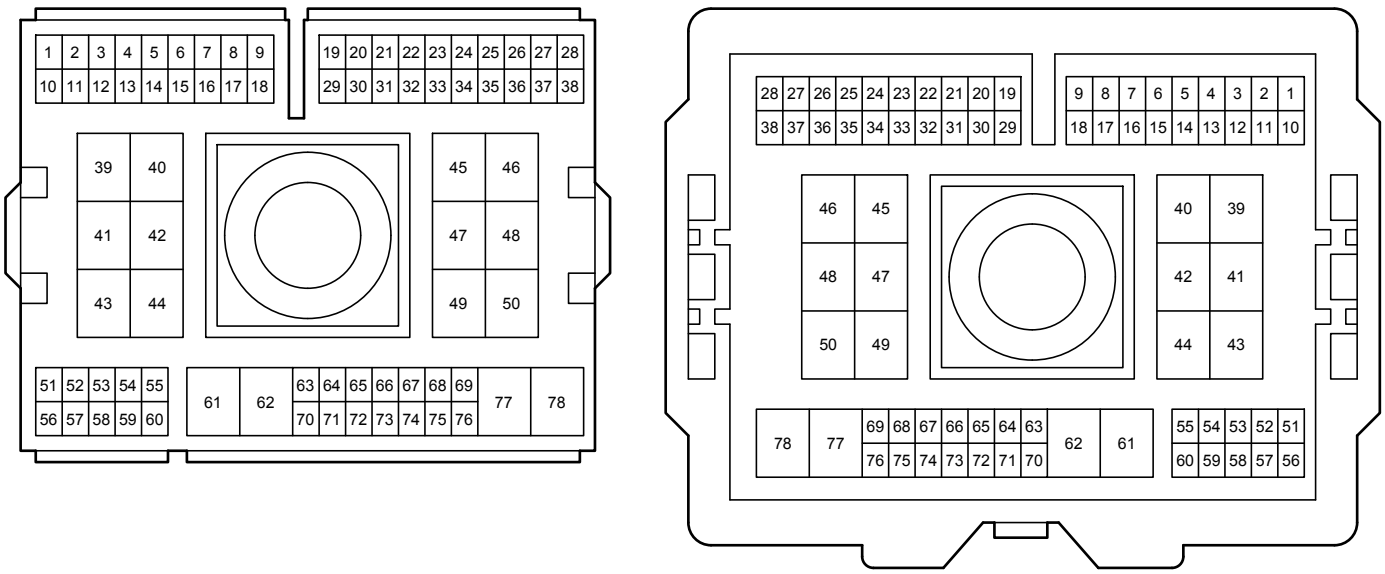

EA2

White

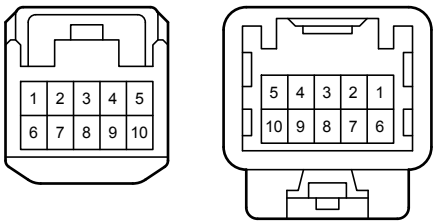
Gray



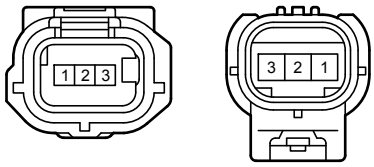
EA3
White



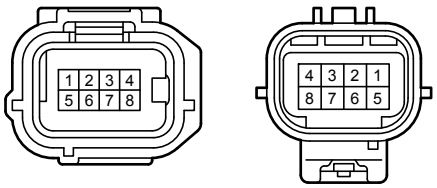

EE1
White



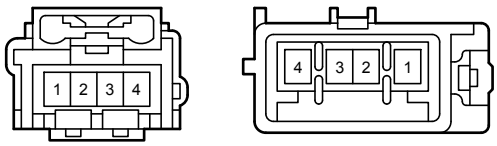

EK3
Black



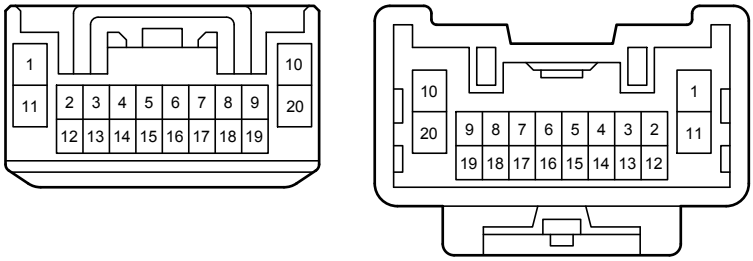

EL2
Gray

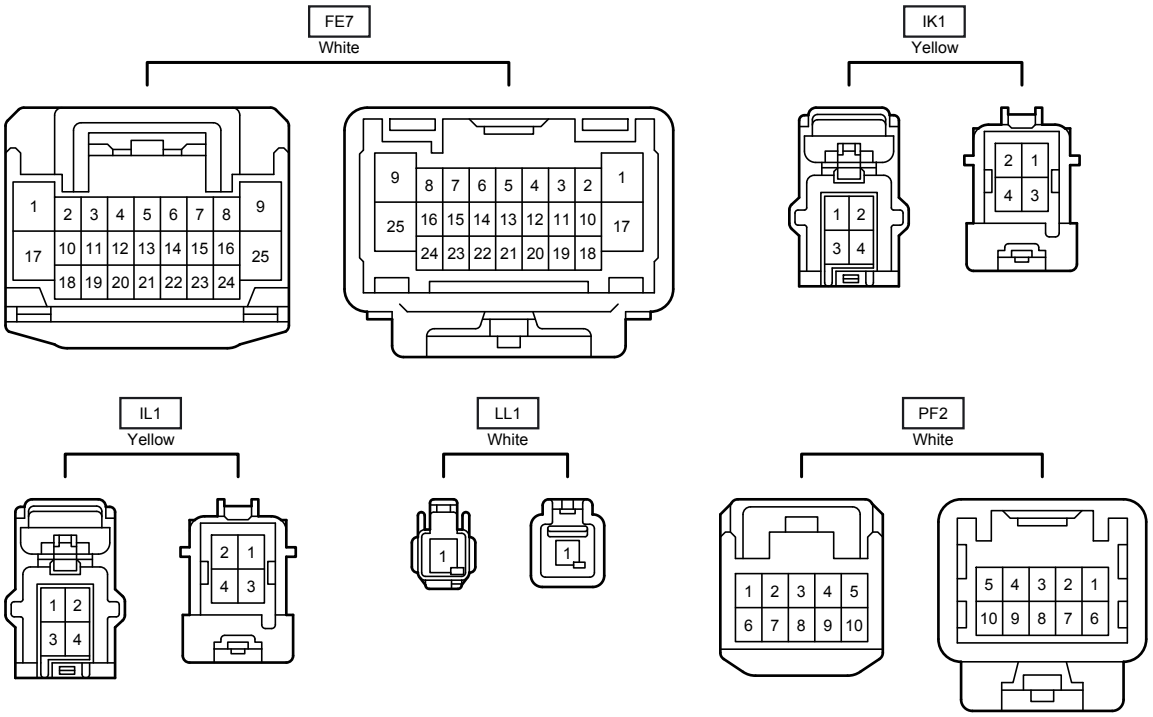


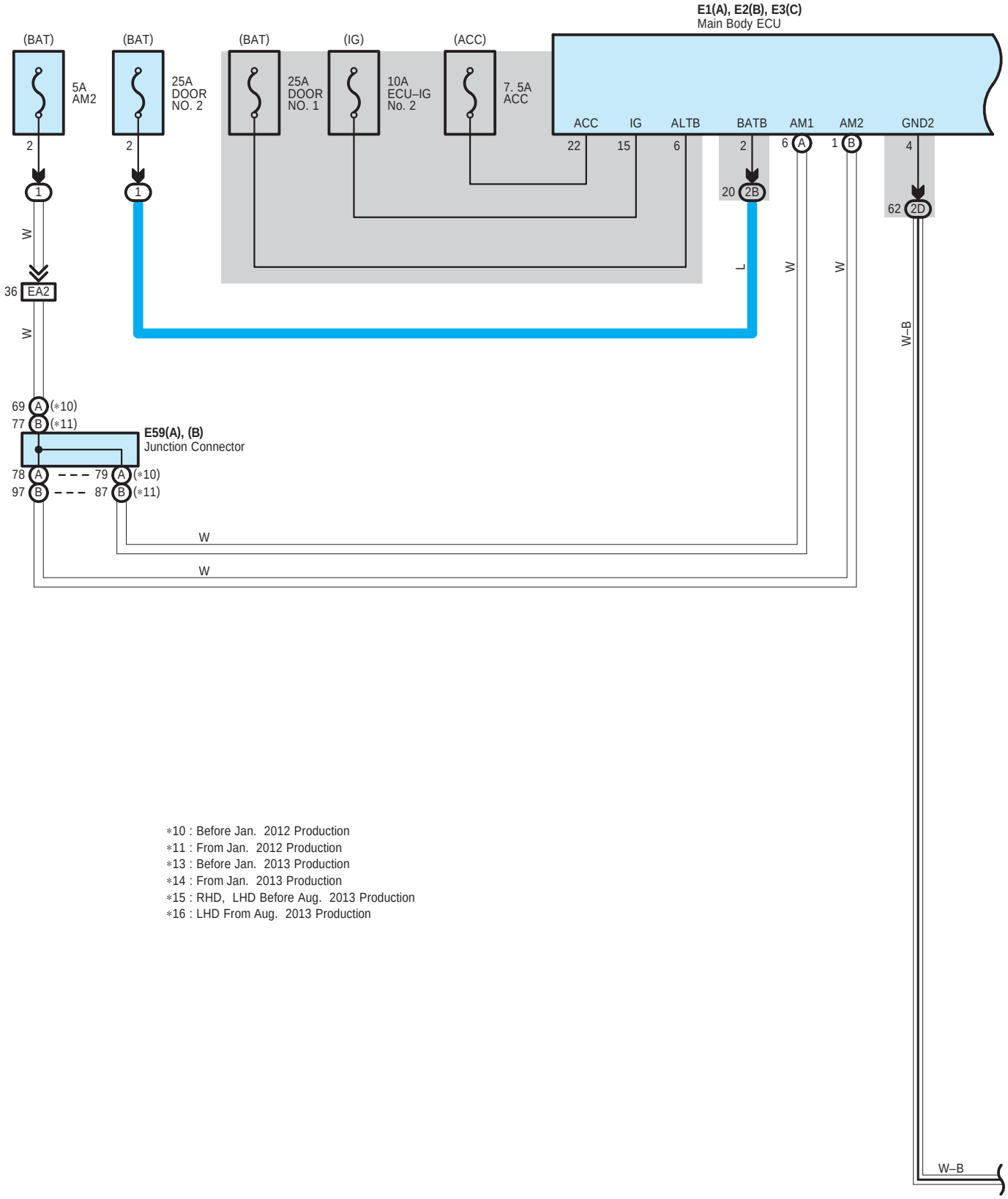

Eb1
Yellow



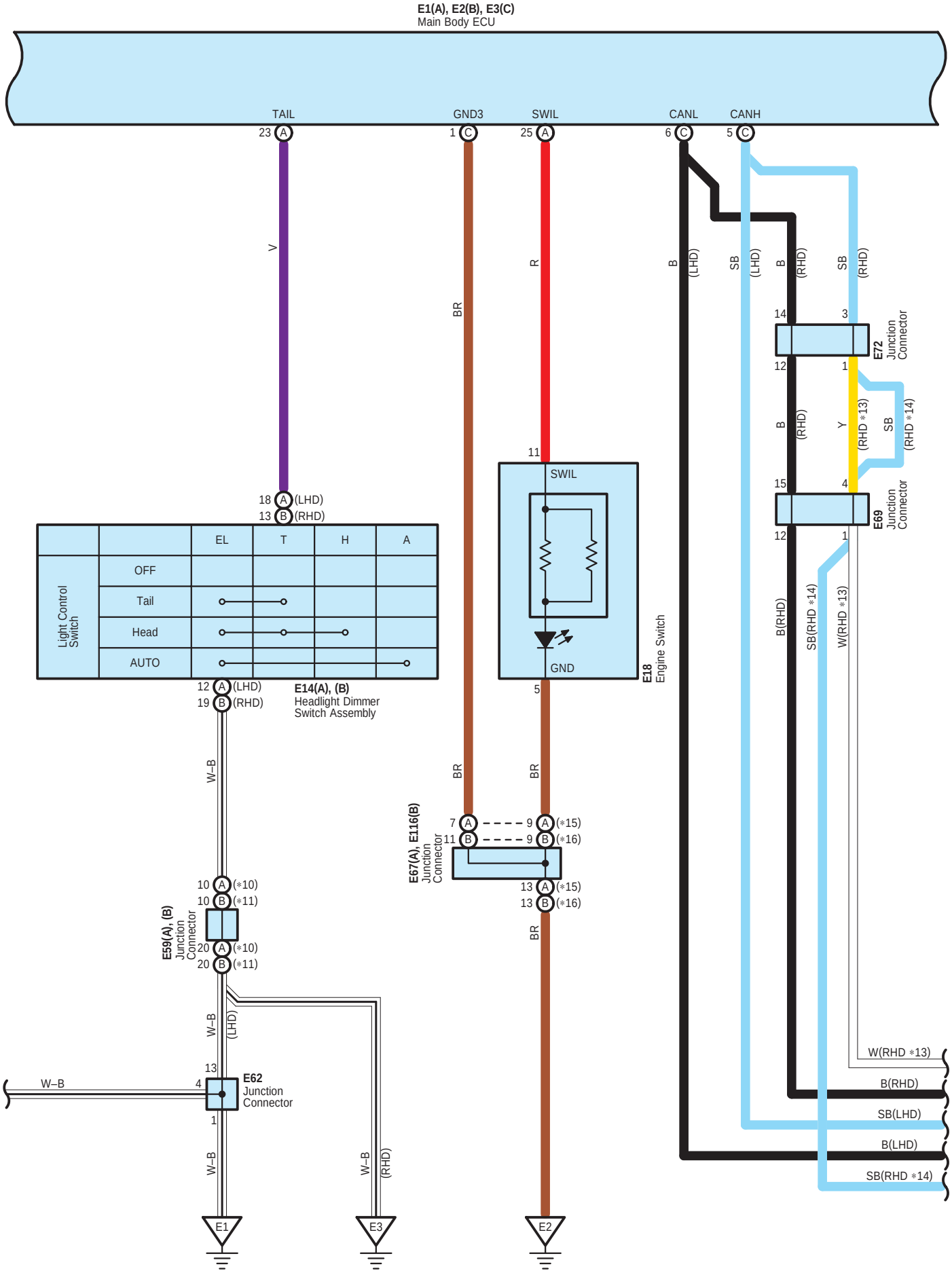

FE4
White

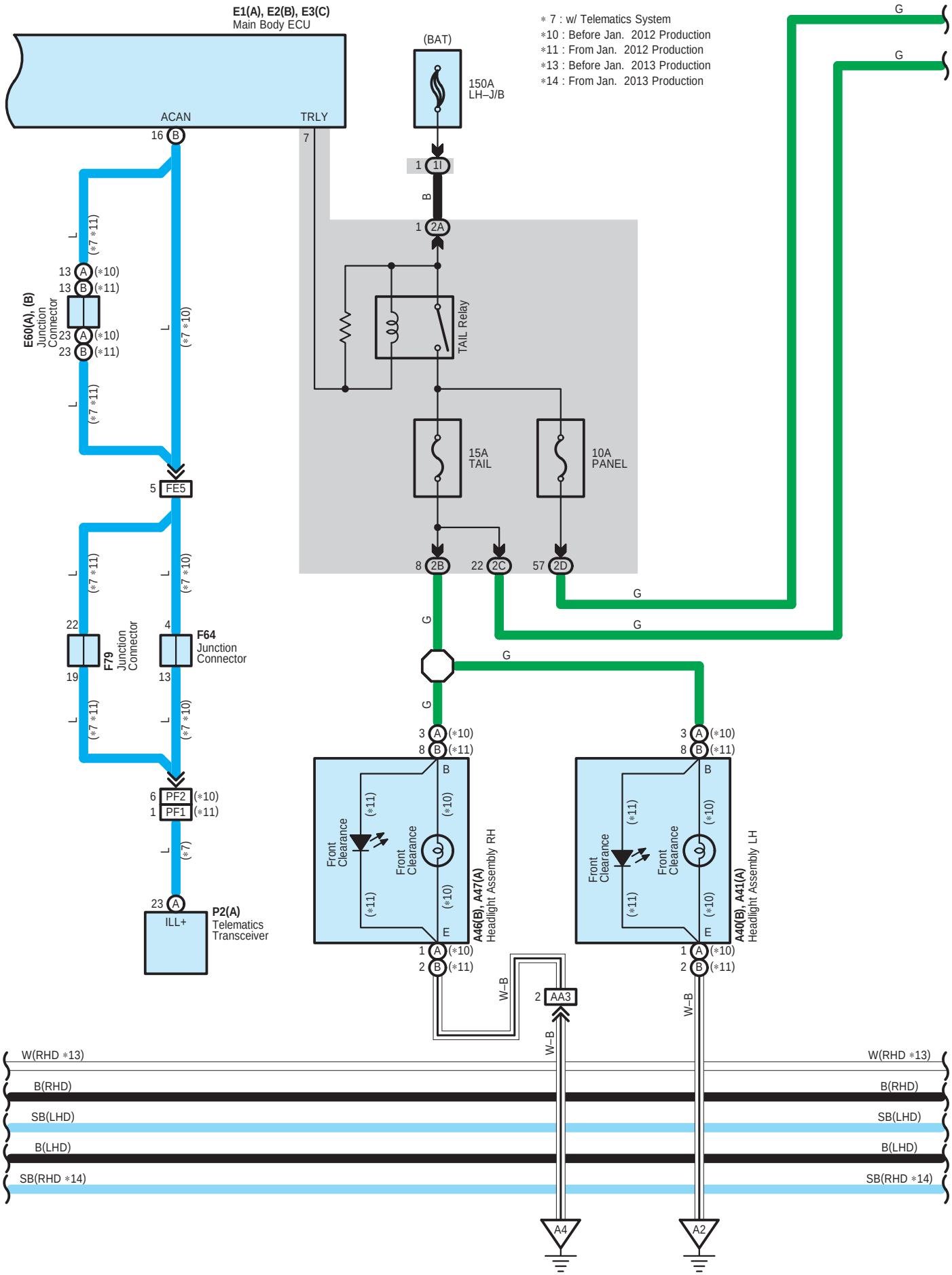


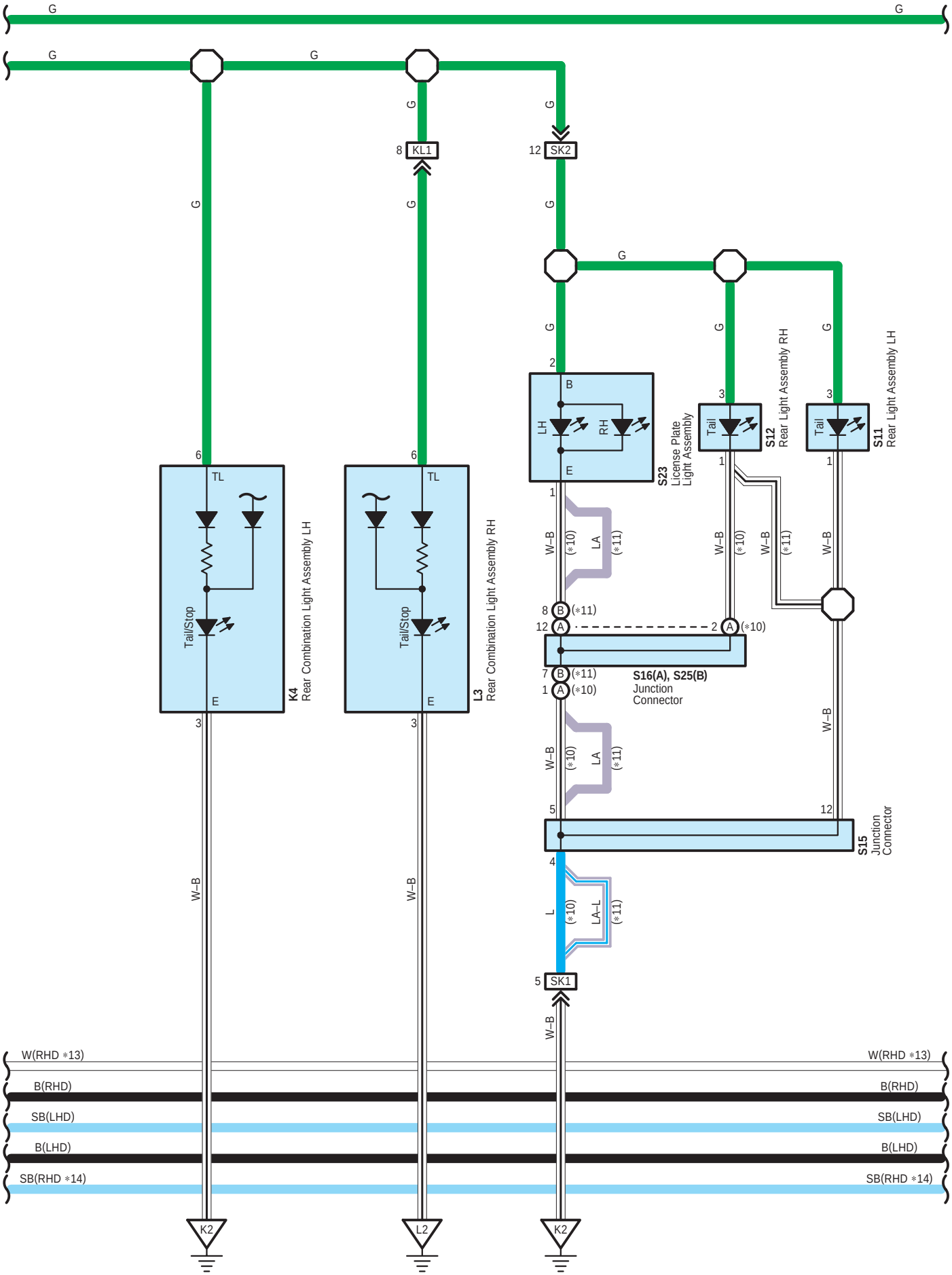

FE7
White
1 2 3 4 5 6 7 8 9
17 10 11 12 13 14 15 16 25
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18
IK1
Yellow
1 2
3 4
2 1
4 3
IL1
Yellow
1 2
3 4
2 1
4 3
LL1
White
1
1
PF2
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

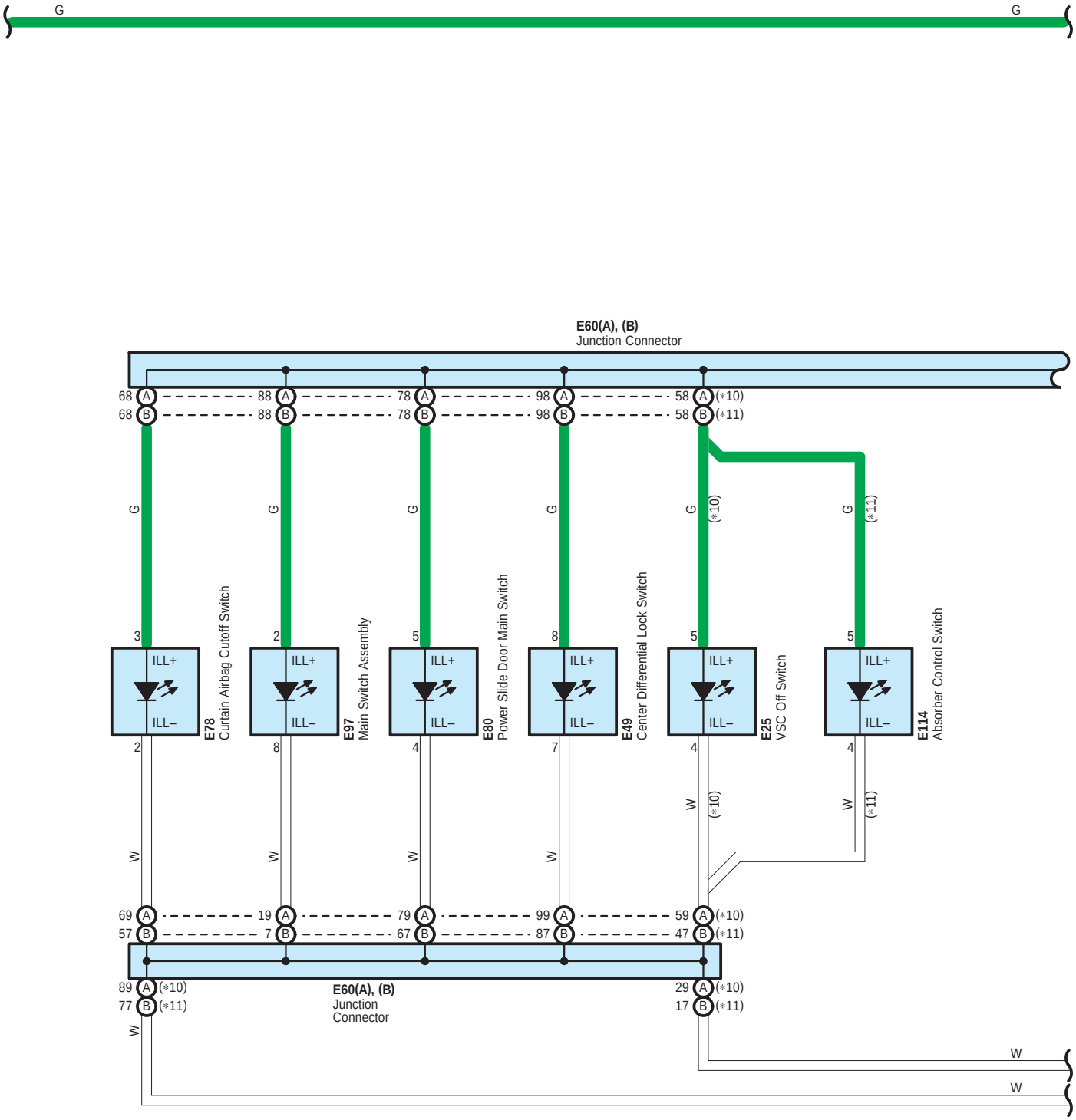


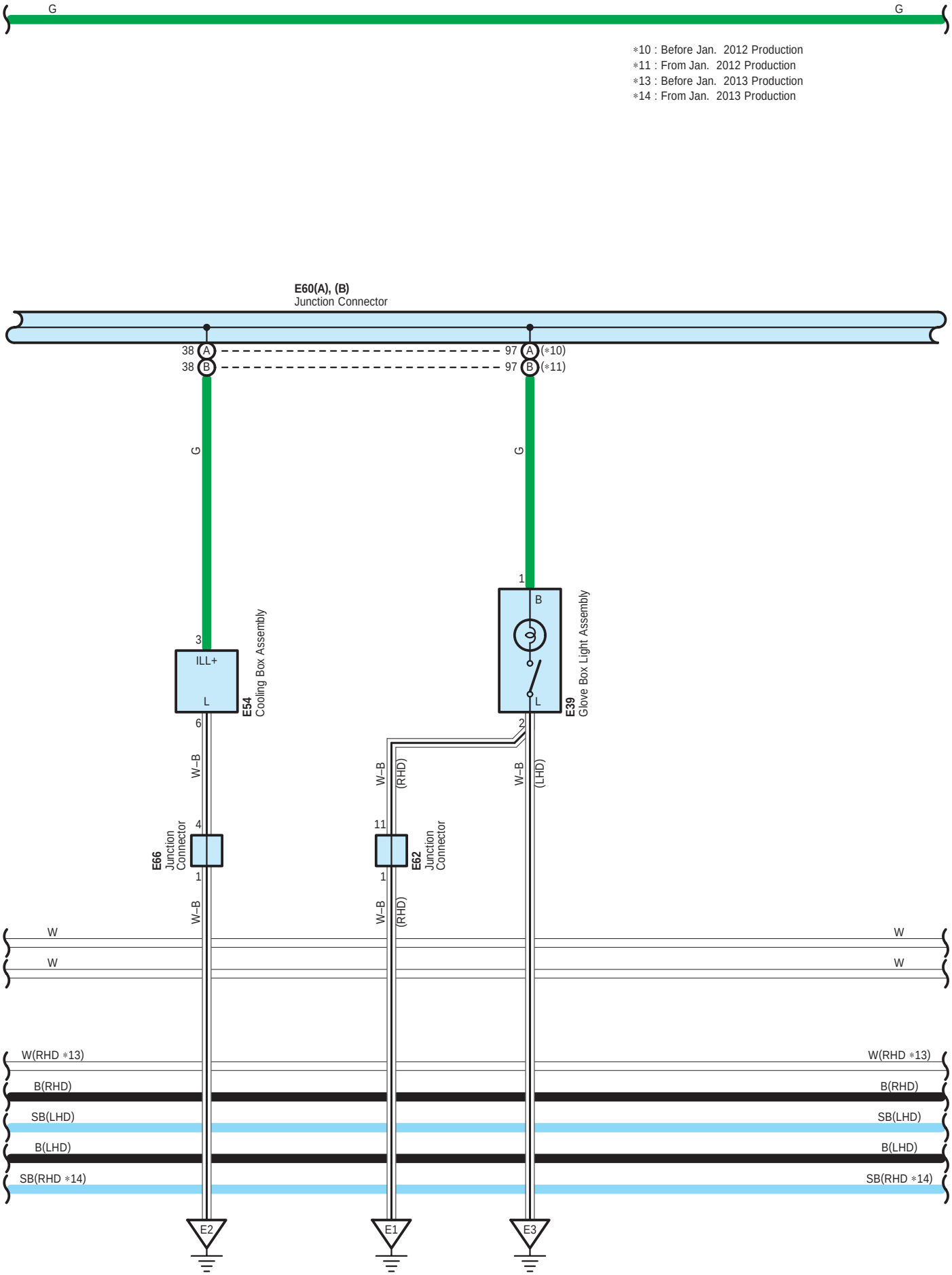

*10 : Before Jan. 2012 Production
*11 : From Jan. 2012 Production
*13 : Before Jan. 2013 Production
*14 : From Jan. 2013 Production
*15 : RHD, LHD Before Aug. 2013 Production
*16 : LHD From Aug. 2013 Production

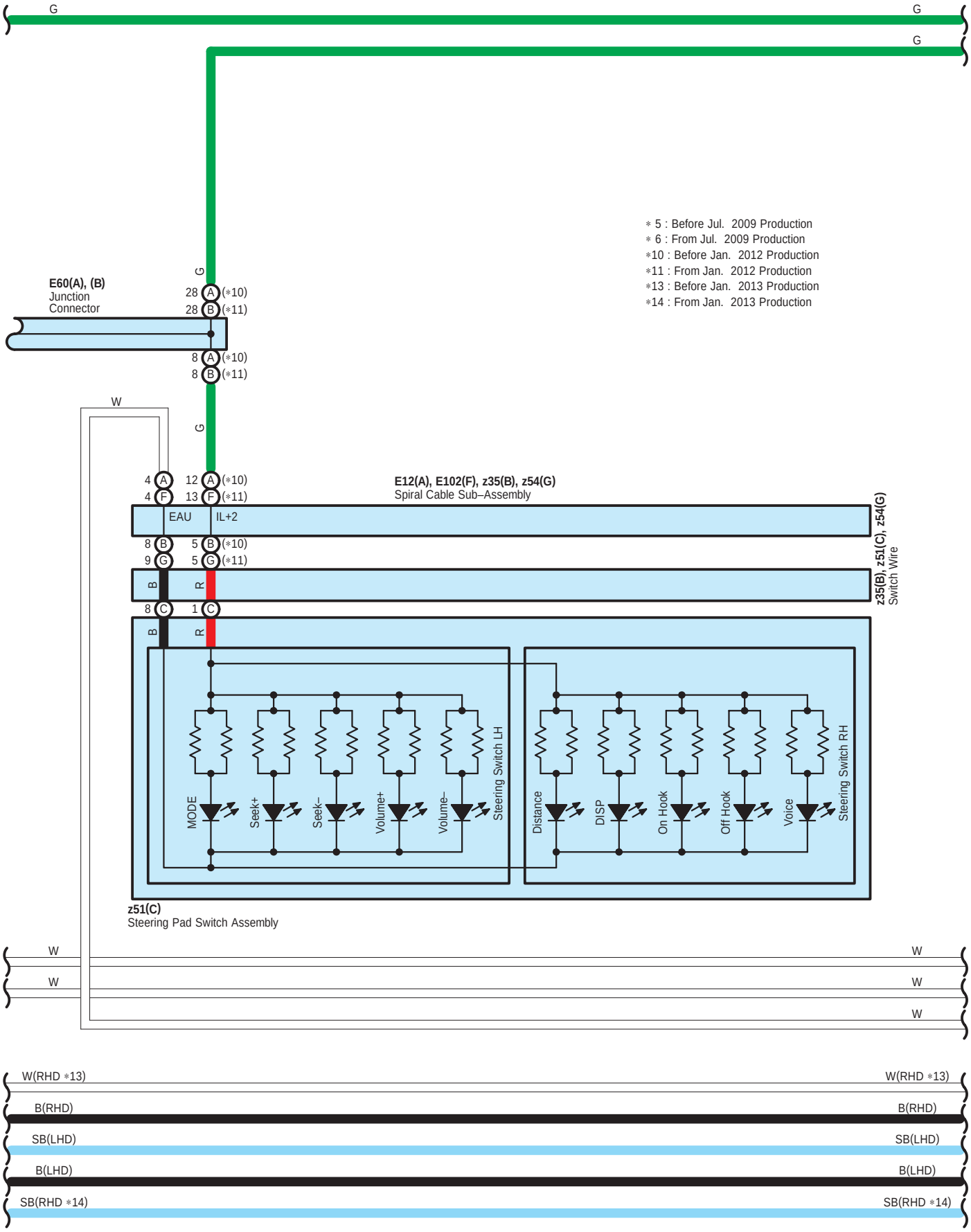

E1(A), E2(B), E3(C)
Main Body ECU
TAIL
GND3
SWIL
CANL
CANH
23 A
1 C
25 A
6 C
5 C
V
BR
R
B (LHD)
SB (LHD)
B (RHD)
SB (RHD)
14
3
12
1
E72
Junction Connector
B (RHD)
Y (RHD *13)
SB (RHD *14)
15
4
12
1
E69
Junction Connector
B(RHD)
SB(RHD *14)
W(RHD *13)
11
SWIL
GND
E18
Engine Switch
18 A (LHD)
13 B (RHD)
EL
T
H
A
Light Control Switch
OFF
Tail
Head
AUTO
12 A (LHD)
19 B (RHD)
E14(A), (B)
Headlight Dimmer Switch Assembly
5
W–B
BR
BR
7 A
11 B
9 A (*15)
9 B (*16)
E67(A), E116(B)
Junction Connector
13 A (*15)
13 B (*16)
BR
10 A (*10)
10 B (*11)
E59(A), (B)
Junction Connector
20 A (*10)
20 B (*11)
W–B
(LHD)
13
W–B
4
E62
Junction Connector
1
W–B
W–B
(RHD)
E1
E3
E2
W(RHD *13)
B(RHD)
SB(LHD)
B(LHD)
SB(RHD *14)

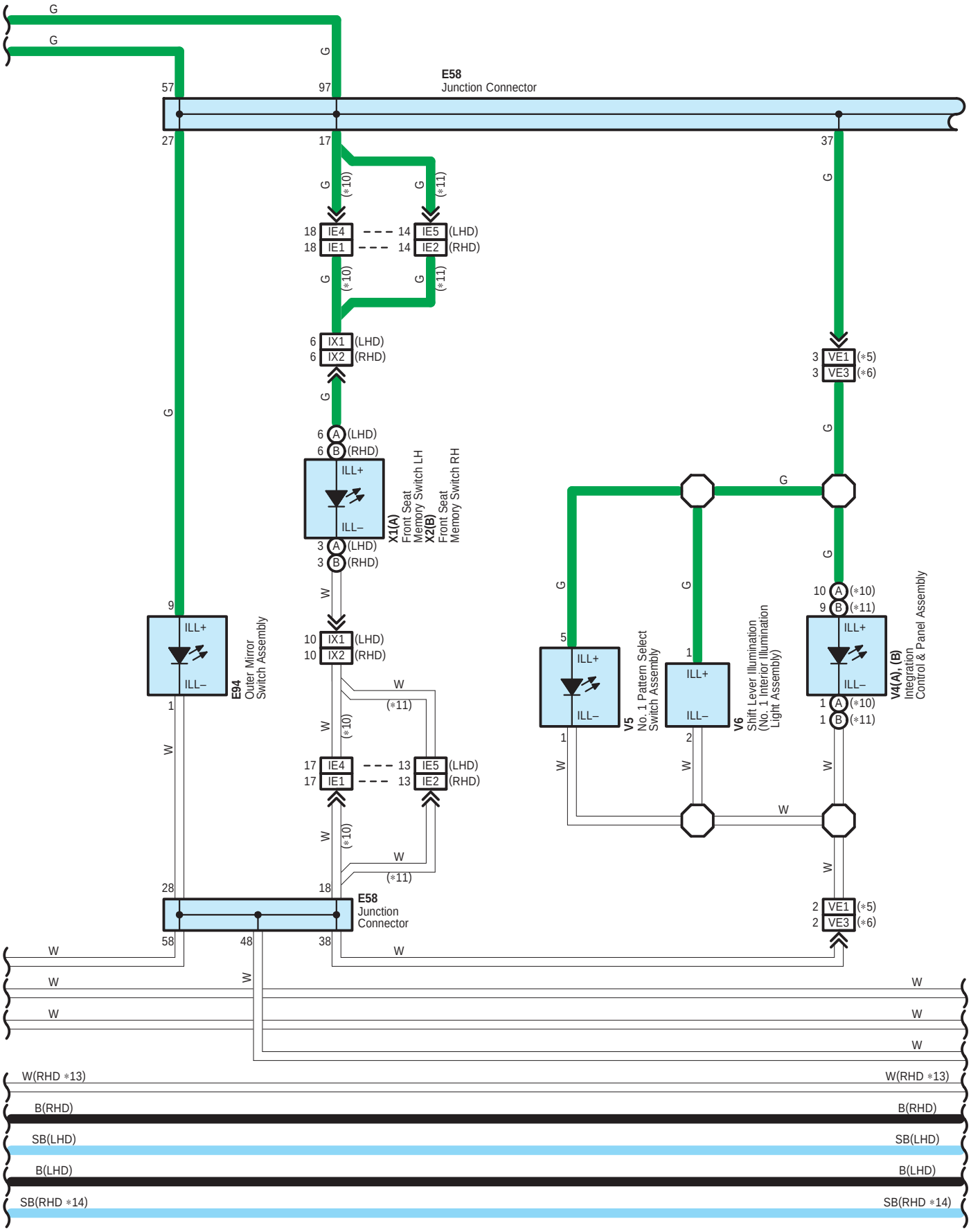

E1(A), E2(B), E3(C)
Main Body ECU
ACAN
TRLY
16 B
7
(BAT)
150A
LH–J/B
1 1I
B
1 2A
TAIL Relay
15A
TAIL
10A
PANEL
8 2B
22 2C
57 2D
G
∗ 7 : w/ Telematics System
∗10 : Before Jan. 2012 Production
∗11 : From Jan. 2012 Production
∗13 : Before Jan. 2013 Production
∗14 : From Jan. 2014 Production
E60(A), (B)
Junction
Connector
13 A (∗10)
13 B (∗11)
23 A (∗10)
23 B (∗11)
L
(∗7 ∗11)
(∗7 ∗10)
5 FE5
F79
Junction
Connector
22
19
F64
Junction
Connector
4
13
6 PF2 (∗10)
1 PF1 (∗11)
(∗7)
23 A
ILL+
P2(A)
Telematics
Transceiver
3 A (∗10)
8 B (∗11)
A46(B), A47(A)
Headlight Assembly RH
A40(B), A41(A)
Headlight Assembly LH
Front
Clearance
1 A (∗10)
2 B (∗11)
E
W–B
2 AA3
W(RHD ∗13)
B(RHD)
SB(LHD)
B(LHD)
SB(RHD ∗14)
A4
A2

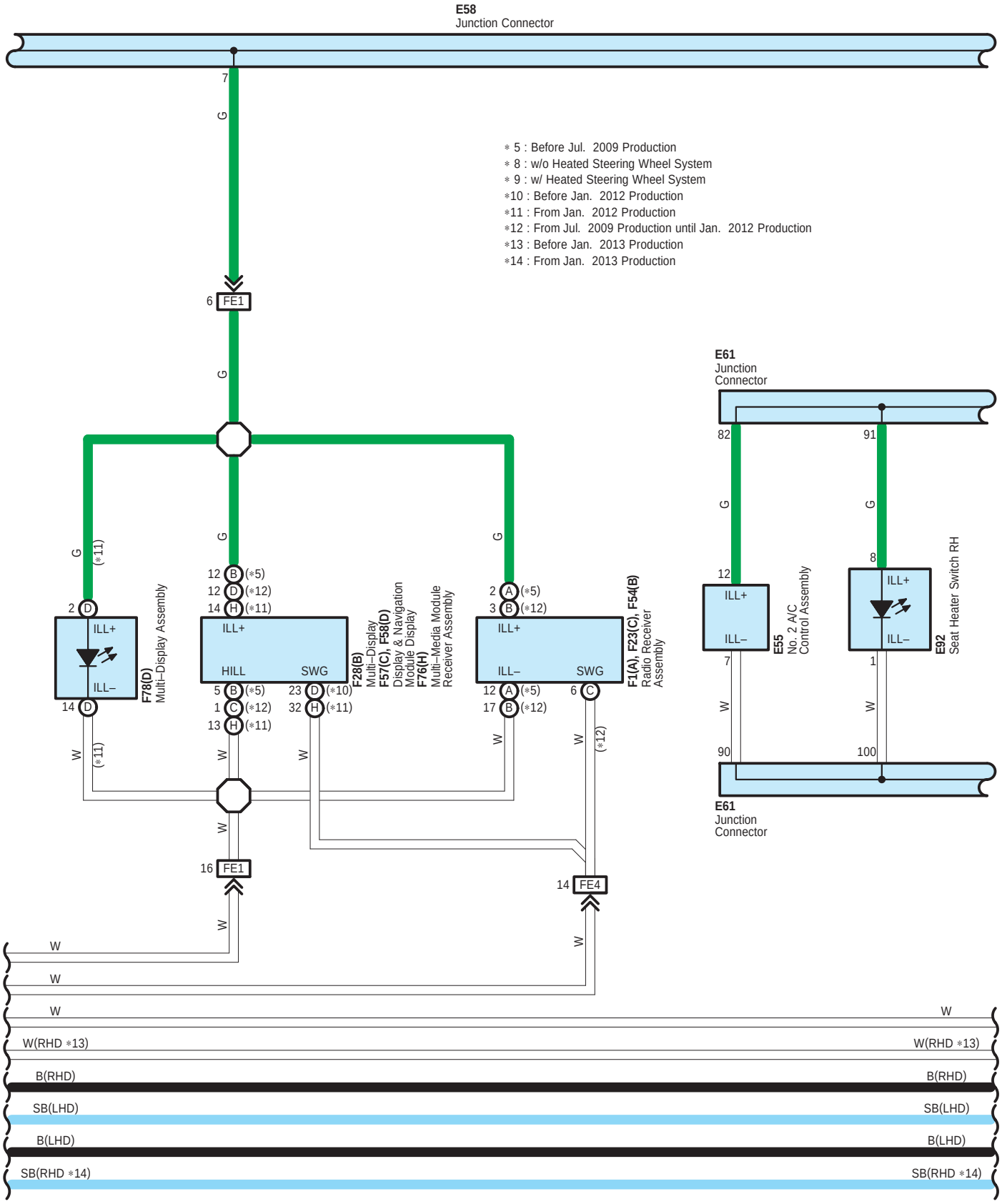

G
G
G
G
G
G
G
G
G
G
G
G
8 KL1
12 SK2
6
TL
Tail/Stop
E
K4
Rear Combination Light Assembly LH
6
TL
Tail/Stop
E
L3
Rear Combination Light Assembly RH
2
B
LH
RH
E
S23
License Plate Light Assembly
3
Tail
S12
Rear Light Assembly RH
3
Tail
S11
Rear Light Assembly LH
1
1
1
W–B
(*10)
LA
(*11)
W–B
(*10)
W–B
(*11)
W–B
8 B (*11)
12 A
2 A (*10)
7 B (*11)
1 A (*10)
S16(A), S25(B)
Junction Connector
W–B
(*10)
LA
(*11)
W–B
5
12
S15
Junction Connector
4
L
(*10)
LA–L
(*11)
5 SK1
W–B
3
3
W–B
W–B
W(RHD *13)
B(RHD)
SB(LHD)
B(LHD)
SB(RHD *14)
W(RHD *13)
B(RHD)
SB(LHD)
B(LHD)
SB(RHD *14)
K2
L2
K2

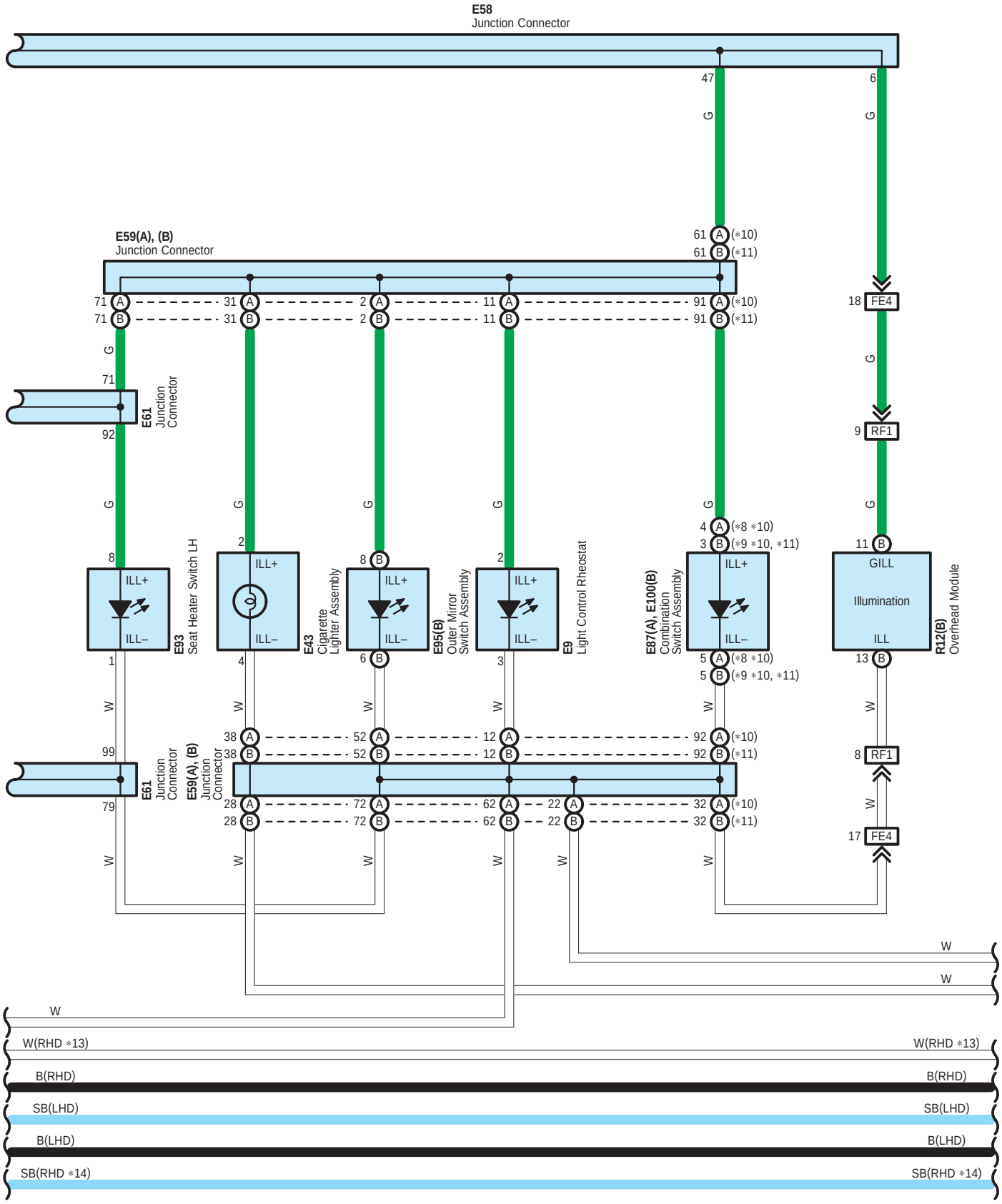

G
G
E60(A), (B)
Junction Connector
68 A
68 B
88 A
88 B
78 A
78 B
98 A
98 B
58 A (*10)
58 B (*11)
G
G
G
G
G (*10)
G (*11)
3
2
5
8
5
5
ILL+
ILL–
E78
Curtain Airbag Cutoff Switch
E97
Main Switch Assembly
E80
Power Slide Door Main Switch
E49
Center Differential Lock Switch
E25
VSC Off Switch
E114
Absorber Control Switch
2
8
4
7
4
4
W
W
W
W
W (*10)
W (*11)
69 A
57 B
19 A
7 B
79 A
67 B
99 A
87 B
59 A (*10)
47 B (*11)
89 A (*10)
77 B (*11)
E60(A), (B)
Junction
Connector
29 A (*10)
17 B (*11)
W
W
W
W(RHD *13)
W(RHD *13)
B(RHD)
B(RHD)
SB(LHD)
SB(LHD)
B(LHD)
B(LHD)
SB(RHD *14)
SB(RHD *14)

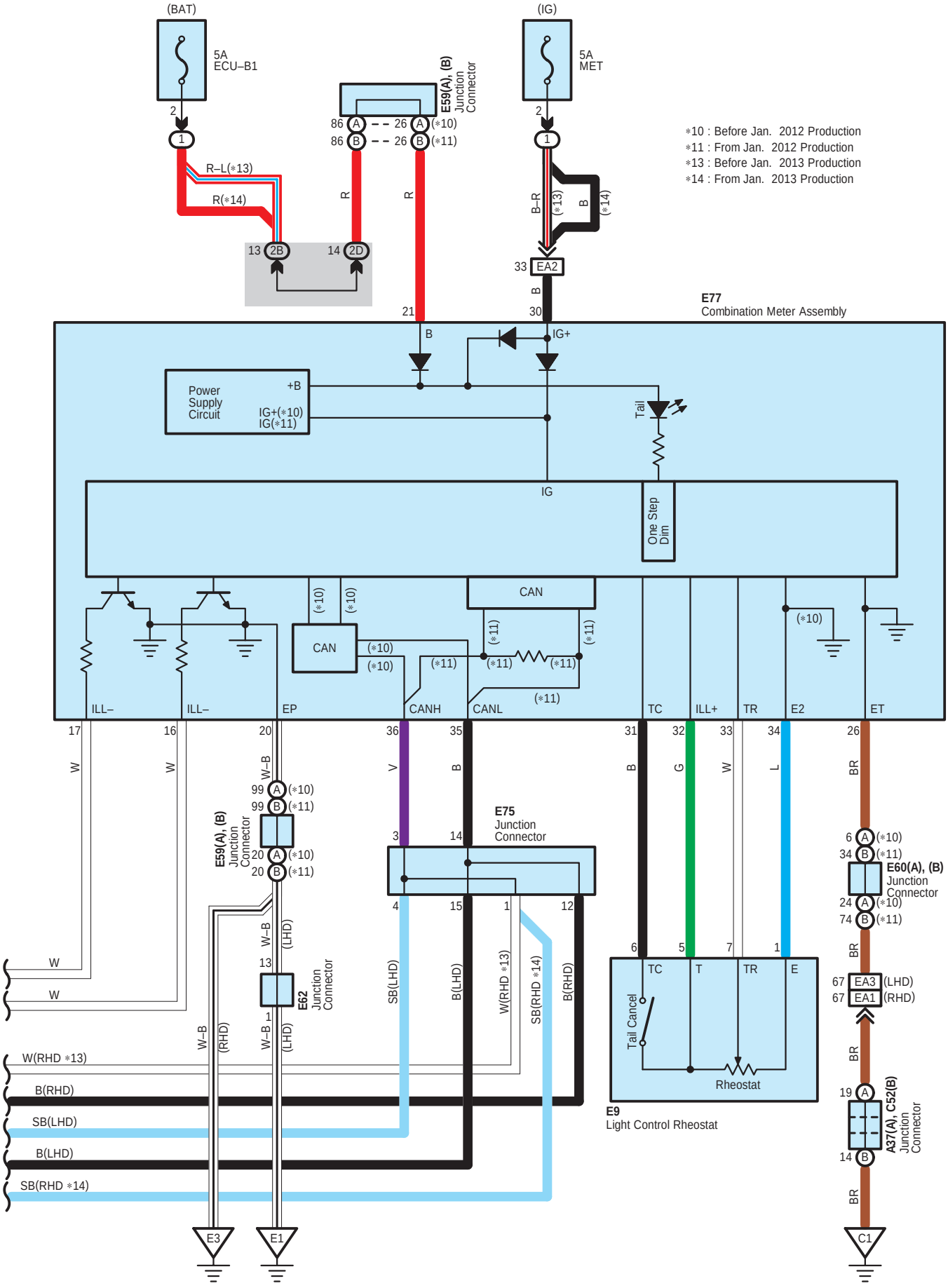

G
G
*10 : Before Jan. 2012 Production
*11 : From Jan. 2012 Production
*13 : Before Jan. 2013 Production
*14 : From Jan. 2013 Production
E60(A), (B)
Junction Connector
38 A
38 B
97 A (*10)
97 B (*11)
G
G
3
ILL+
L
E54
Cooling Box Assembly
1
B
L
E39
Glove Box Light Assembly
6
2
W–B
W–B (RHD)
W–B (LHD)
4
11
E66
Junction Connector
E62
Junction Connector
1
1
W–B
W–B (RHD)
W
W
W
W
W(RHD *13)
B(RHD)
SB(LHD)
B(LHD)
SB(RHD *14)
W(RHD *13)
B(RHD)
SB(LHD)
B(LHD)
SB(RHD *14)
E2
E1
E3


G
G
G
∗ 5 : Before Jul. 2009 Production
∗ 6 : From Jul. 2009 Production
∗10 : Before Jan. 2012 Production
∗11 : From Jan. 2012 Production
∗13 : Before Jan. 2013 Production
∗14 : From Jan. 2013 Production
E60(A), (B)
Junction
Connector
28 A (∗10)
28 B (∗11)
8 A (∗10)
8 B (∗11)
W
G
4 A
4 F
12 A (∗10)
13 F (∗11)
E12(A), E102(F), z35(B), z54(G)
Spiral Cable Sub–Assembly
EAU
IL+2
8 B
9 G
5 B (∗10)
5 G (∗11)
z35(B), z51(C), z54(G)
Switch Wire
B
R
8 C
1 C
MODE
Seek+
Seek–
Volume+
Volume–
Steering Switch LH
Distance
DISP
On Hook
Off Hook
Voice
Steering Switch RH
z51(C)
Steering Pad Switch Assembly
W
W
W
W
W
W
W(RHD ∗13)
W(RHD ∗13)
B(RHD)
B(RHD)
SB(LHD)
SB(LHD)
B(LHD)
B(LHD)
SB(RHD ∗14)
SB(RHD ∗14)

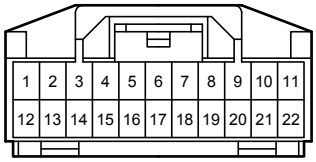

E58
Junction Connector
57
97
27
17
37
G
(*10)
(*11)
18 IE4
18 IE1
14 IE5 (LHD)
14 IE2 (RHD)
6 IX1 (LHD)
6 IX2 (RHD)
3 VE1 (*5)
3 VE3 (*6)
6 A (LHD)
6 B (RHD)
ILL+
ILL–
X1(A) Front Seat Memory Switch LH
X2(B) Front Seat Memory Switch RH
3 A (LHD)
3 B (RHD)
W
9
E94 Outer Mirror Switch Assembly
1
10 IX1 (LHD)
10 IX2 (RHD)
17 IE4
17 IE1
13 IE5 (LHD)
13 IE2 (RHD)
28
18
E58 Junction Connector
58
48
38
5
V5 No. 1 Pattern Select Switch Assembly
1
V6 Shift Lever Illumination (No. 1 Interior Illumination Light Assembly)
2
10 A (*10)
9 B (*11)
1 A (*10)
1 B (*11)
V4(A), (B) Integration Control & Panel Assembly
2 VE1 (*5)
2 VE3 (*6)
W(RHD *13)
B(RHD)
SB(LHD)
B(LHD)
SB(RHD *14)


E58
Junction Connector
7
G
∗ 5 : Before Jul. 2009 Production
∗ 8 : w/o Heated Steering Wheel System
∗ 9 : w/ Heated Steering Wheel System
∗10 : Before Jan. 2012 Production
∗11 : From Jan. 2012 Production
∗12 : From Jul. 2009 Production until Jan. 2012 Production
∗13 : Before Jan. 2013 Production
∗14 : From Jan. 2013 Production
6 FE1
G
E61
Junction
Connector
82
91
G
G
8
12
ILL+
ILL–
E55
No. 2 A/C
Control Assembly
E92
Seat Heater Switch RH
7
1
W
W
90
100
E61
Junction
Connector
G
(∗11)
2 D
ILL+
ILL–
14 D
F78(D)
Multi–Display Assembly
G
12 B (∗5)
12 D (∗12)
14 H (∗11)
ILL+
HILL
SWG
5 B (∗5)
1 C (∗12)
13 H (∗11)
23 D (∗10)
32 H (∗11)
F28(B)
Multi–Display
F57(C), F58(D)
Display & Navigation
Module Display
F76(H)
Multi–Media Module
Receiver Assembly
G
2 A (∗5)
3 B (∗12)
ILL+
ILL–
SWG
12 A (∗5)
17 B (∗12)
6 C
F1(A), F23(C), F54(B)
Radio Receiver
Assembly
W
(∗11)
W
W
W
(∗12)
W
W
16 FE1
14 FE4
W
W
W
W
W
W(RHD ∗13)
W(RHD ∗13)
B(RHD)
B(RHD)
SB(LHD)
SB(LHD)
B(LHD)
B(LHD)
SB(RHD ∗14)
SB(RHD ∗14)

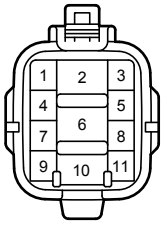

E58
Junction Connector
47
6
G
E59(A), (B)
Junction Connector
61 A (*10)
61 B (*11)
71 A
71 B
31 A
31 B
2 A
2 B
11 A
11 B
91 A (*10)
91 B (*11)
18 FE4
G
71
E61
Junction
Connector
92
9 RF1
G
8
ILL+
ILL–
E93
Seat Heater Switch LH
2
E43
Cigarette
Lighter Assembly
8 B
E95(B)
Outer Mirror
Switch Assembly
E9
Light Control Rheostat
4 A (*8 *10)
3 B (*9 *10, *11)
E87(A), E100(B)
Combination
Switch Assembly
11 B
GILL
Illumination
ILL
R12(B)
Overhead Module
1
4
6 B
3
5 A (*8 *10)
5 B (*9 *10, *11)
13 B
W
99
38 A
38 B
52 A
52 B
12 A
12 B
92 A (*10)
92 B (*11)
8 RF1
E59(A), (B)
Junction
Connector
79
28 A
28 B
72 A
72 B
62 A
62 B
22 A
22 B
32 A (*10)
32 B (*11)
17 FE4
W
W(RHD *13)
B(RHD)
SB(LHD)
B(LHD)
SB(RHD *14)


(BAT)
5A
ECU–B1
(IG)
5A
MET
E59(A), (B)
Junction
Connector
∗10 : Before Jan. 2012 Production
∗11 : From Jan. 2012 Production
∗13 : Before Jan. 2013 Production
∗14 : From Jan. 2013 Production
R–L(∗13)
R(∗14)
B–R
(∗13)
B
(∗14)
E77
Combination Meter Assembly
Power
Supply
Circuit
+B
IG+(∗10)
IG(∗11)
IG+
Tail
IG
One Step
Dim
CAN
ILL–
EP
CANH
CANL
TC
ILL+
TR
E2
ET
E75
Junction
Connector
E62
Junction
Connector
E59(A), (B)
Junction
Connector
E60(A), (B)
Junction
Connector
E9
Light Control Rheostat
Tail Cancel
Rheostat
A37(A), C52(B)
Junction
Connector
W(RHD ∗13)
B(RHD)
SB(LHD)
B(LHD)
SB(RHD ∗14)
E3
E1
C1

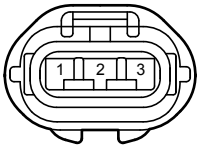
A 37
Blue



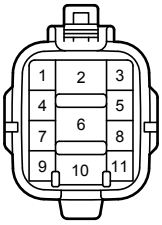

A 40
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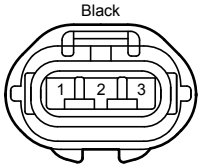

A 41
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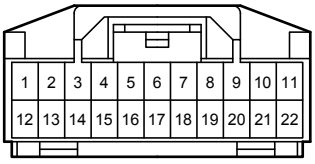

A 46
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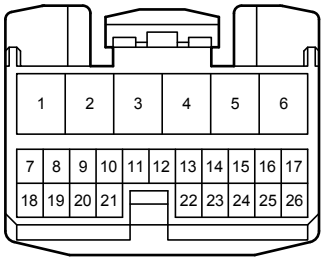

A 47
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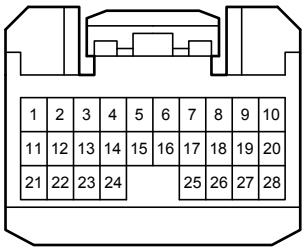

C 52
Blue



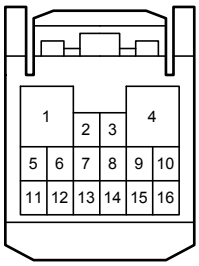

E 1
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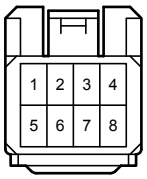

E 2
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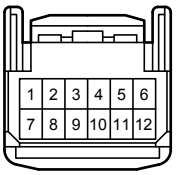

E 3
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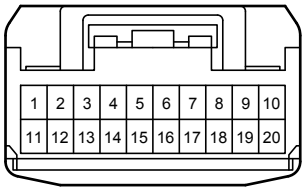

E 9
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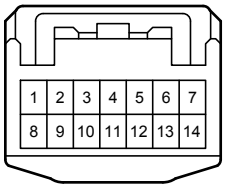

E 12
Black



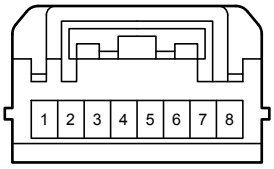

E 14
White




E 18
Black



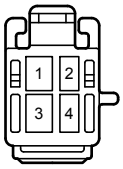

E 25
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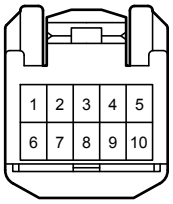

E 39
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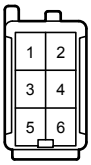

E 43
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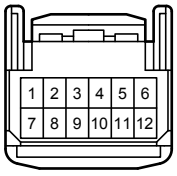

E 49
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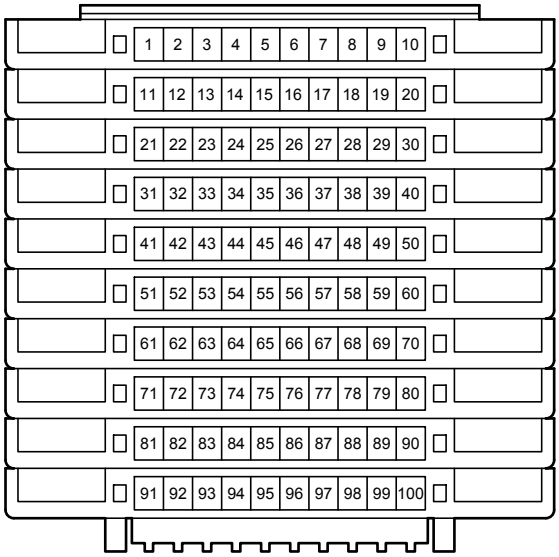

E 54
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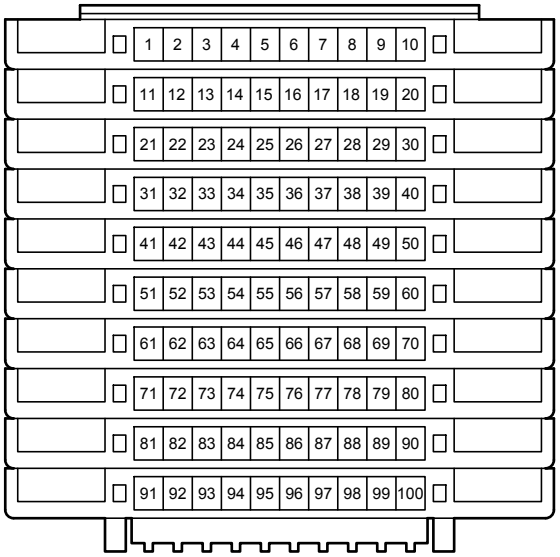

E 55
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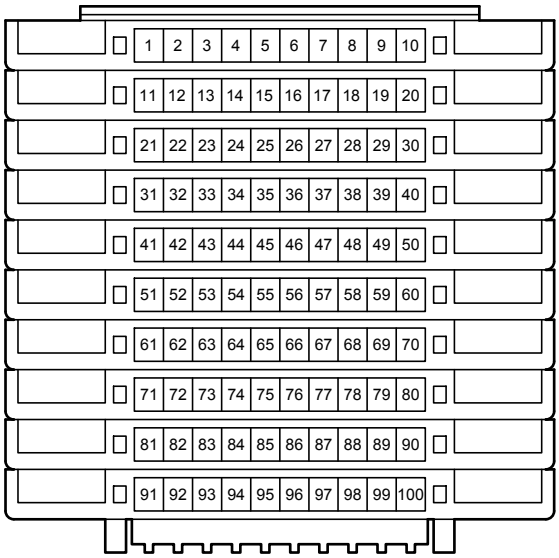
E 58
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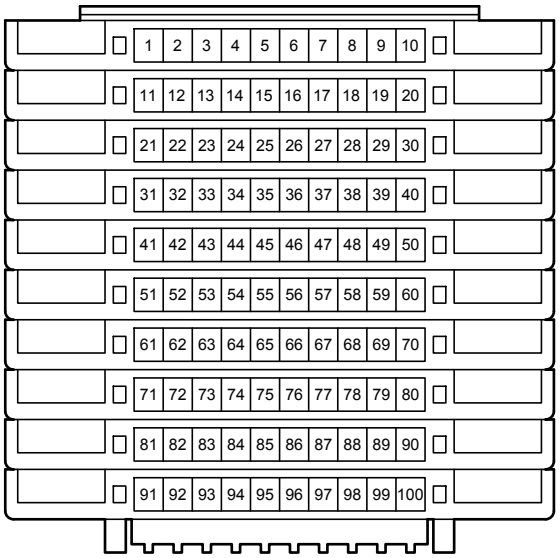

E 59
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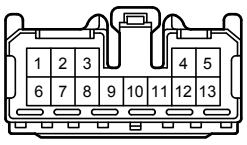

E 60
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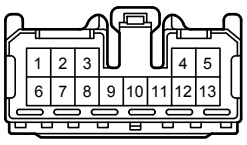

E 61
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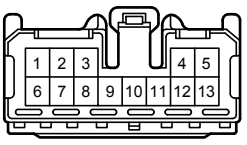

E 62
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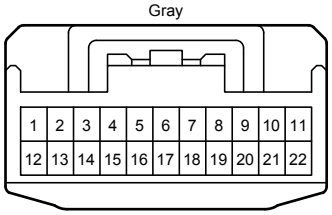

E 66
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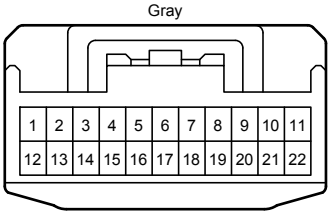

E 67
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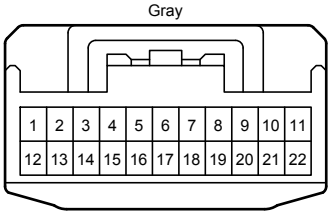

E 69
Gray



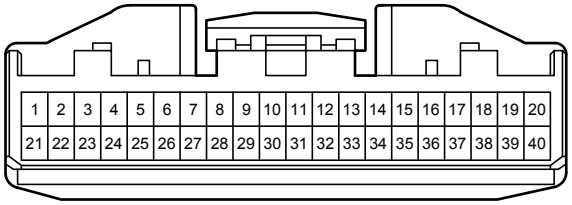

E 72
Gray



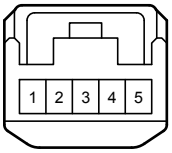

E 75
Gray



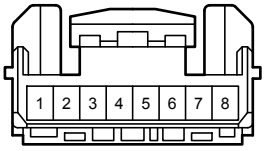
E 77
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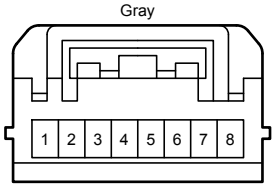

E 78
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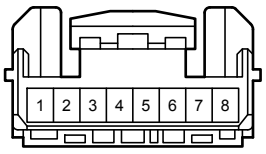

E 80
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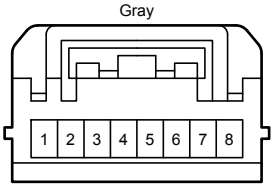

E 87
Gray



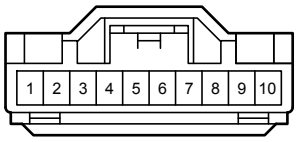

E 92
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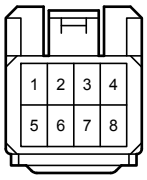

E 93
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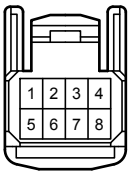

E 94
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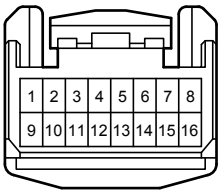

E 95
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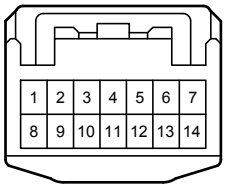

E 97
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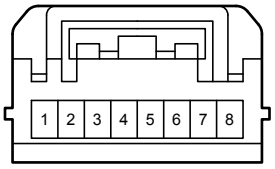

E100
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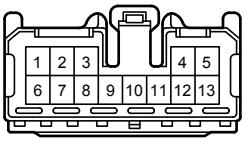

E102
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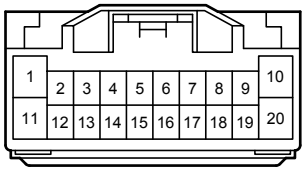

E114
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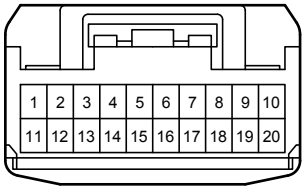

E116
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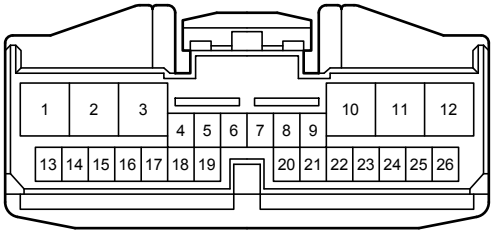

F 1
White



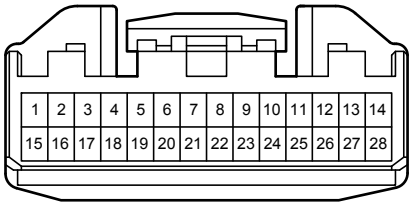

F 23
White



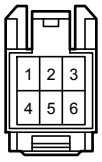

F 28
White



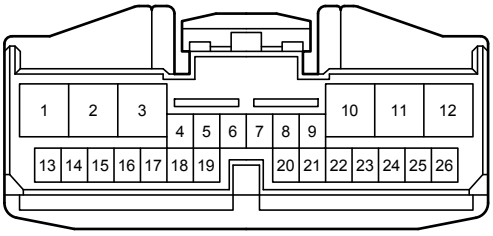

F 54
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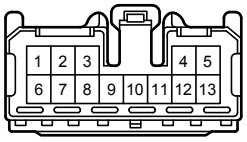

F 57
Blue



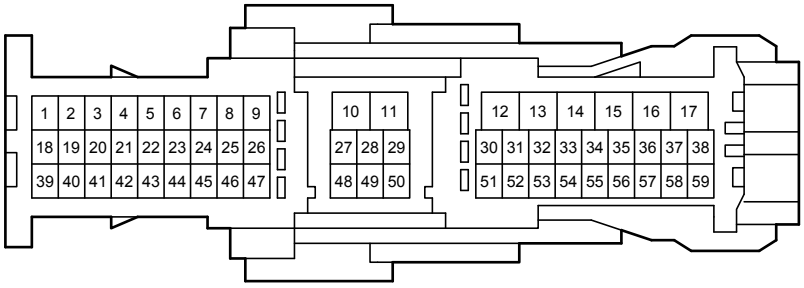

F 58
White



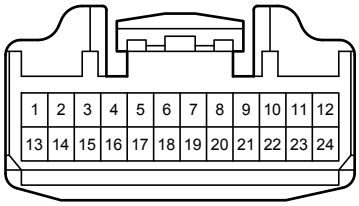
F 64
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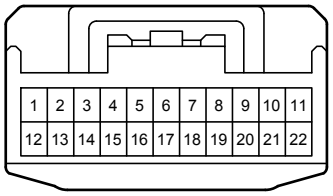

F 76
White



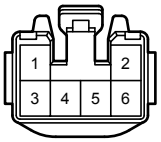

F 78
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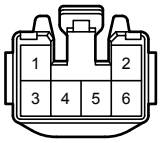

F 79
White



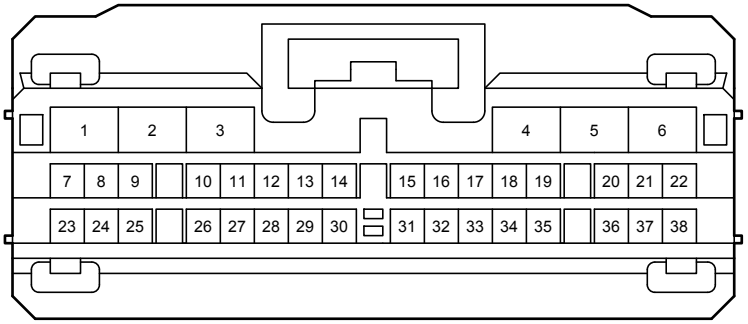

K 4
White



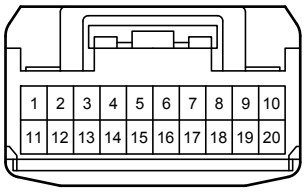

L 3
White




P 2
White




R 12
White



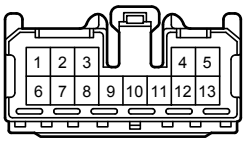

S 11
White



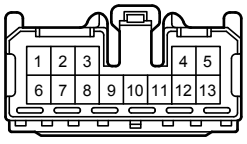

S 12
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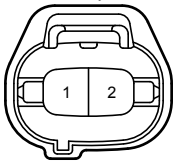

S 15
White



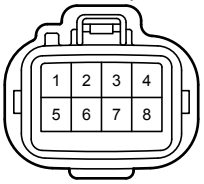

S 16
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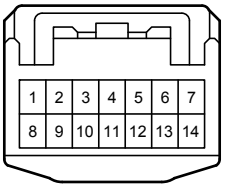

S 23
Gray



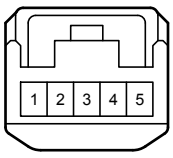

S 25
Dark Gray



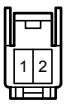

V 4
White



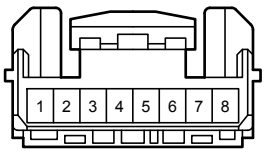

V 5
Black



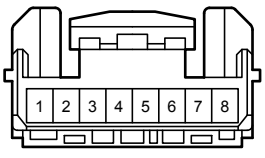

V 6
White



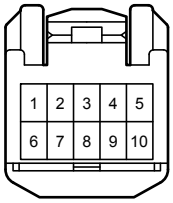

X 1
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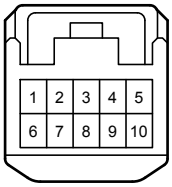

X 2
White



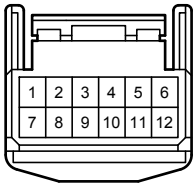
z 35
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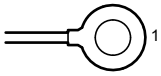

z 51
Blue



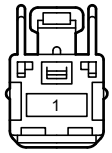

z 54
Black



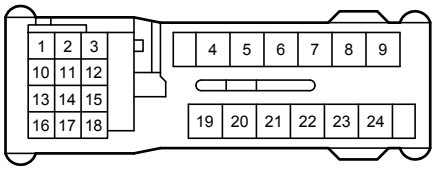

1I



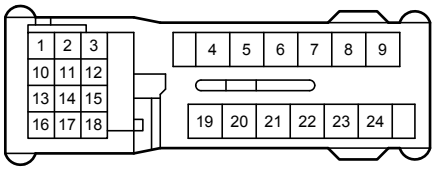

2A
White



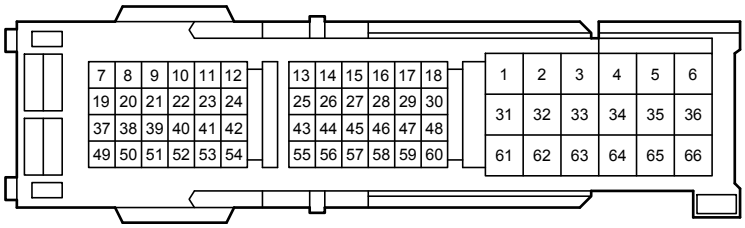

2B
White



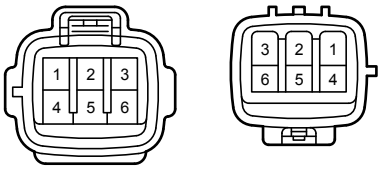

2C
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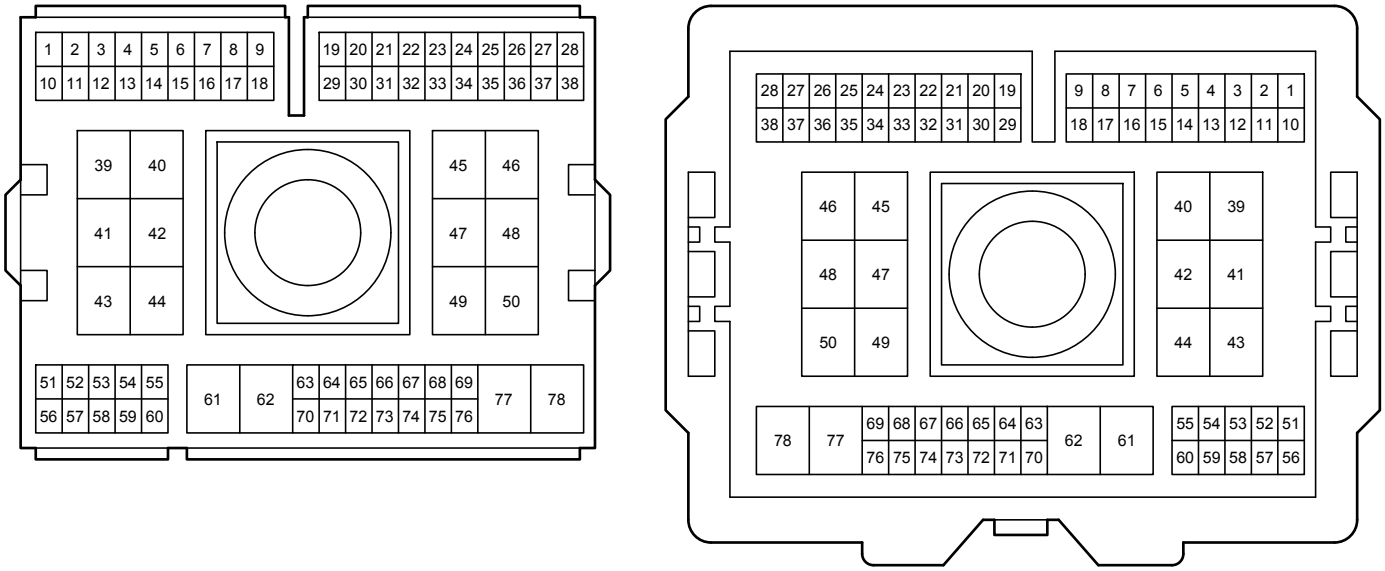

2D
White




AA3
Gray

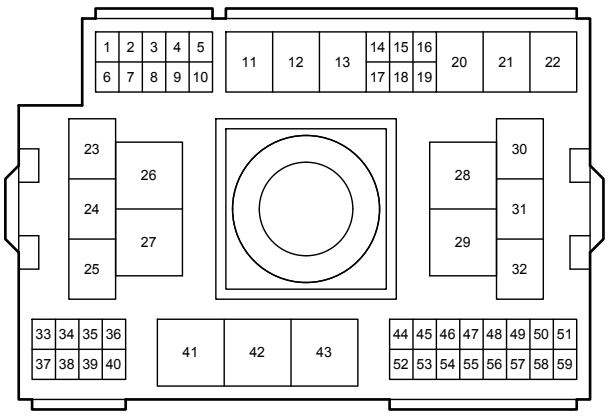



EA1
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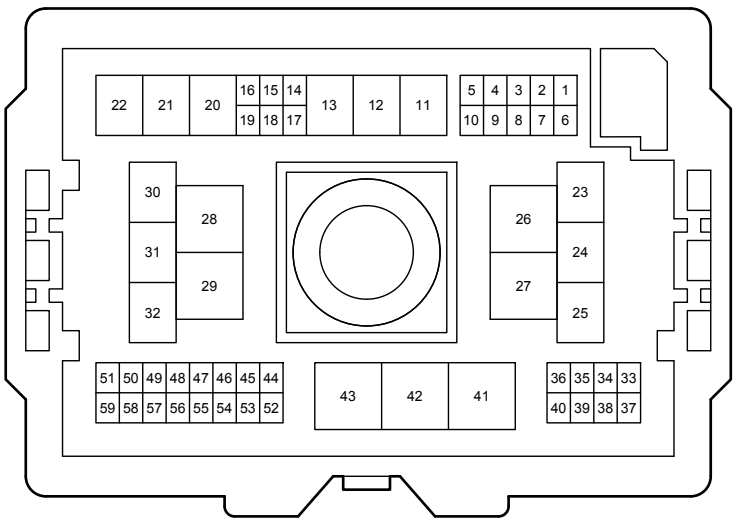


EA2

White

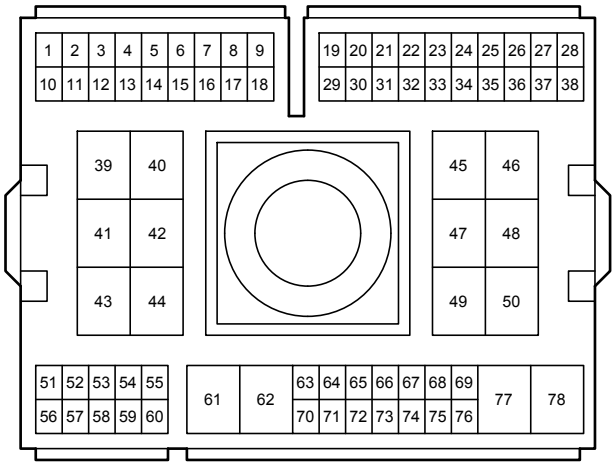


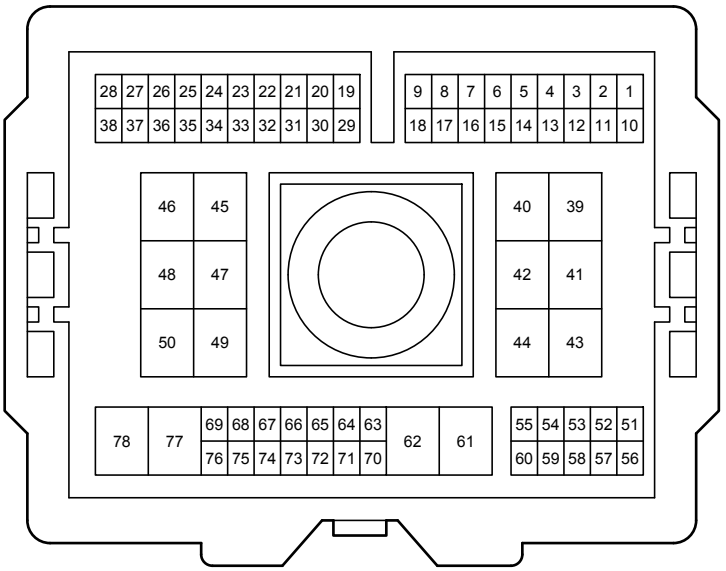

Gray




EA3

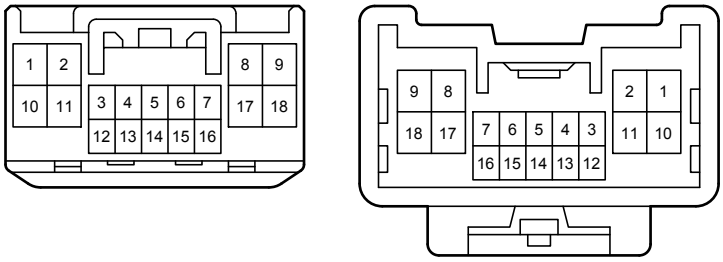
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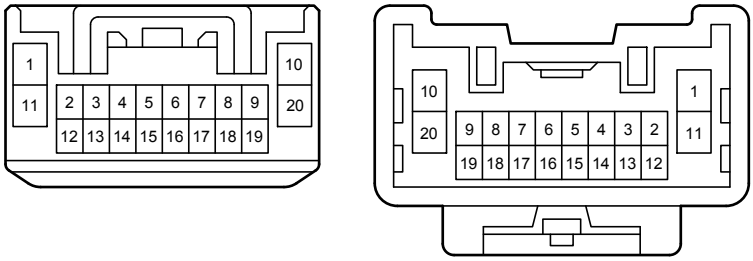




FE1

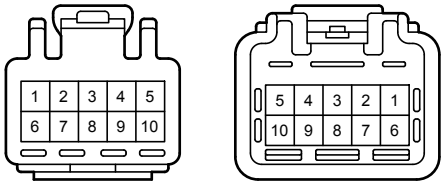
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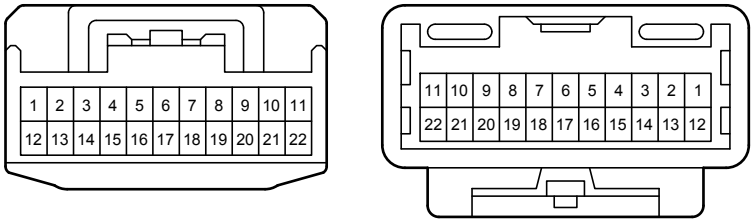
FE4
White



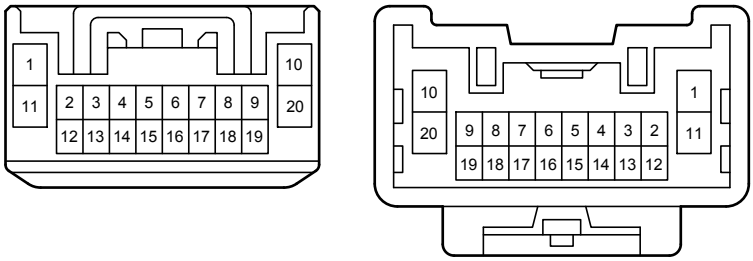

FE5
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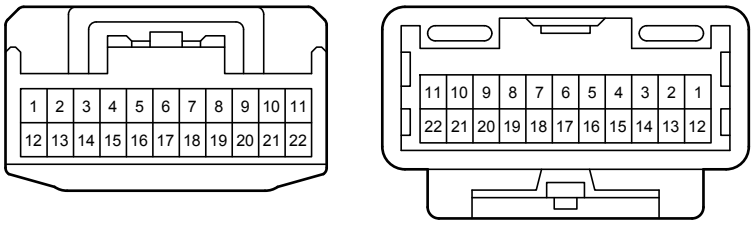

IE1
Gray



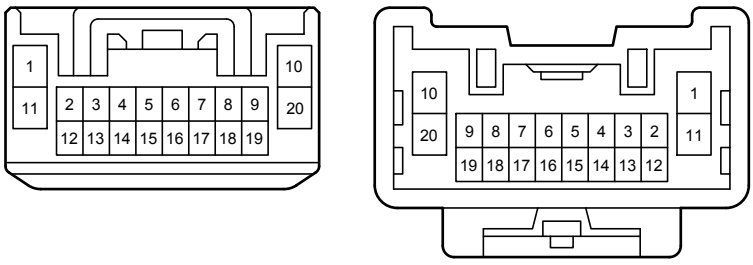

IE2
Blue



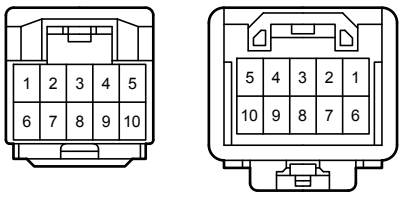

IE4
Gray



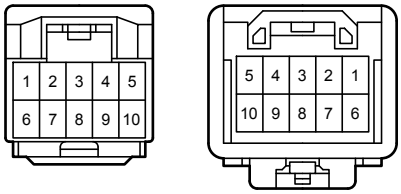

IE5
Blue



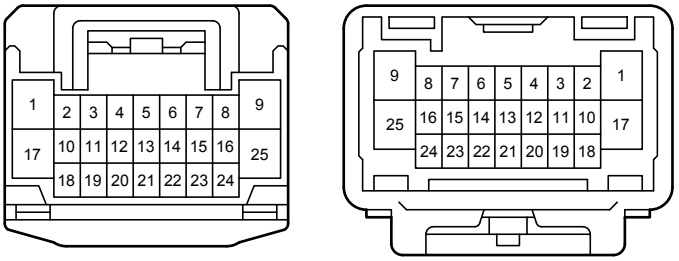

IX1
White



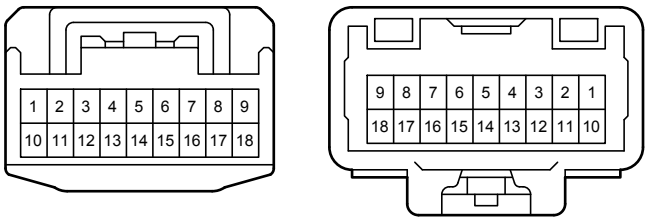
IX2
White



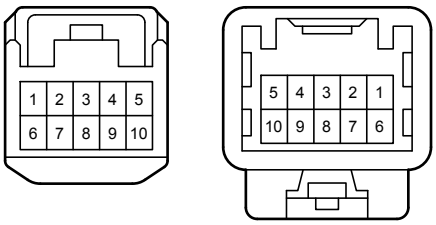

KL1
White



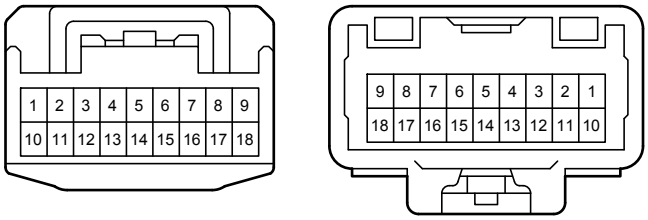

PF1
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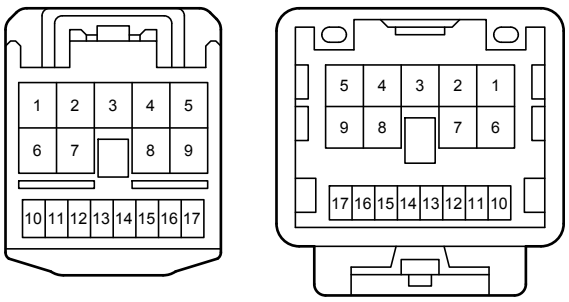

PF2
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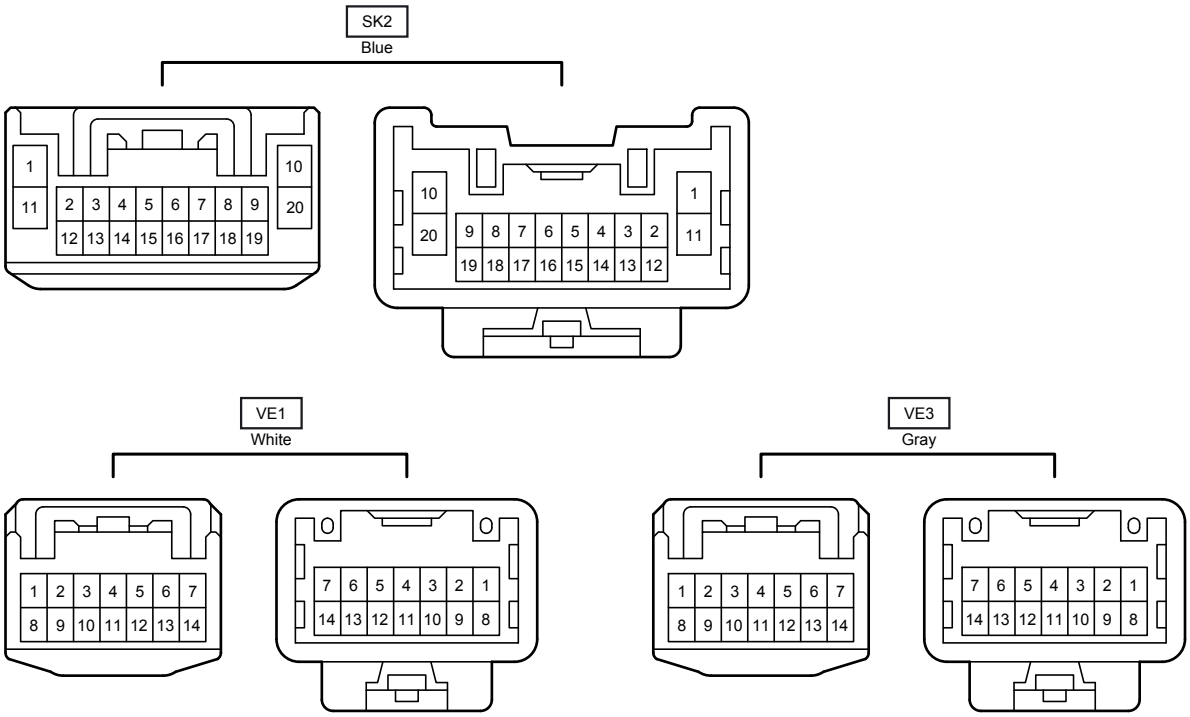


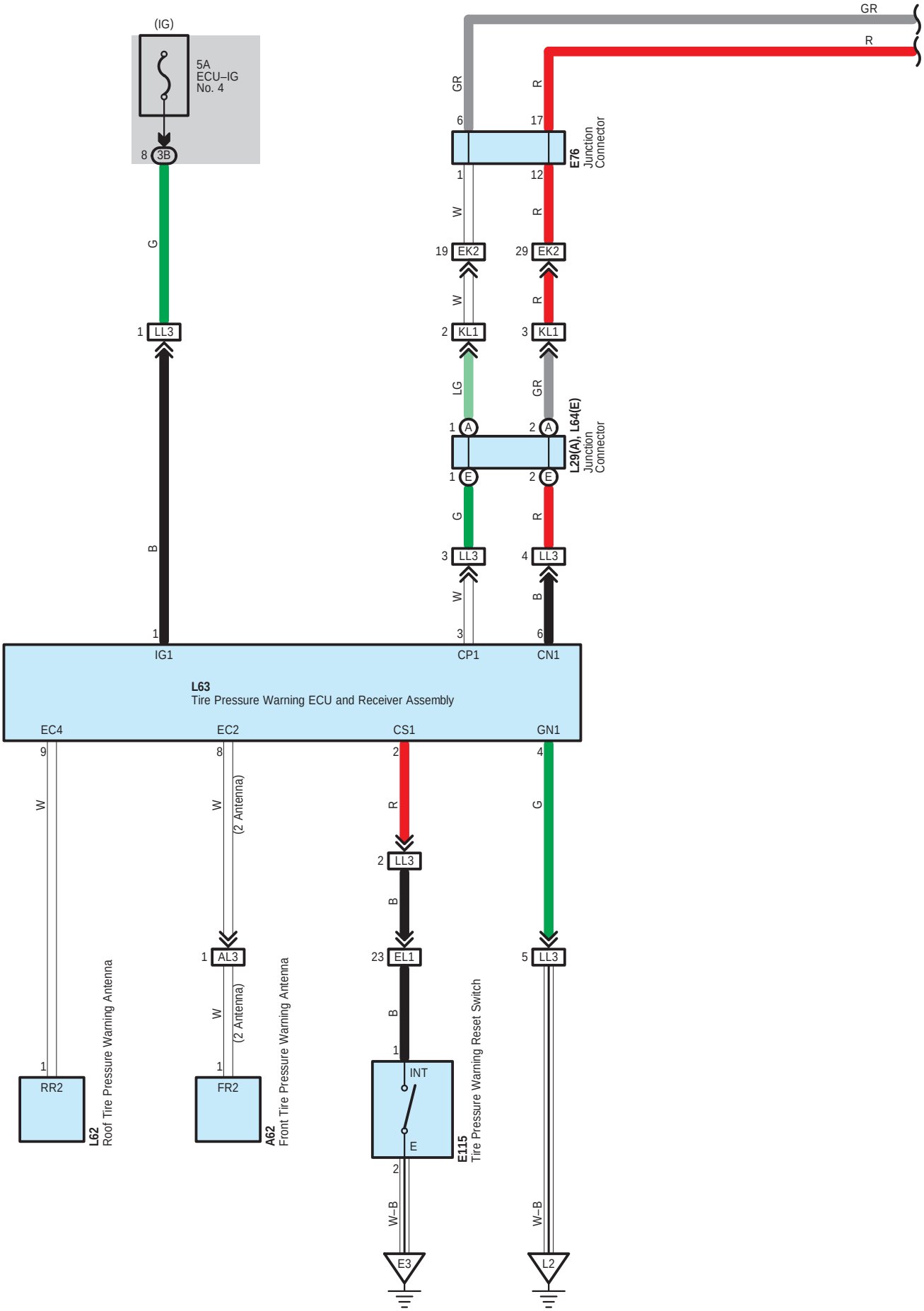

RF1
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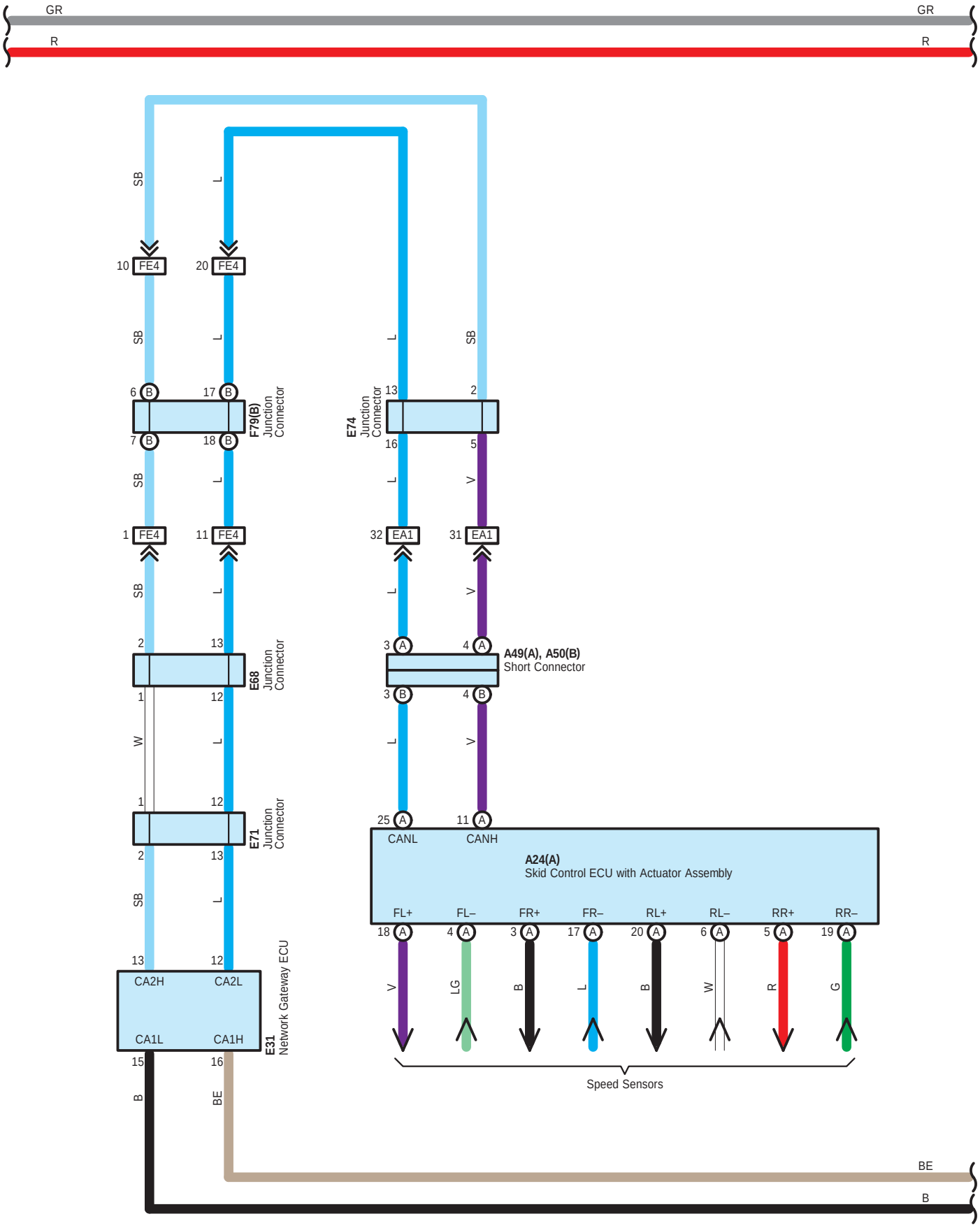


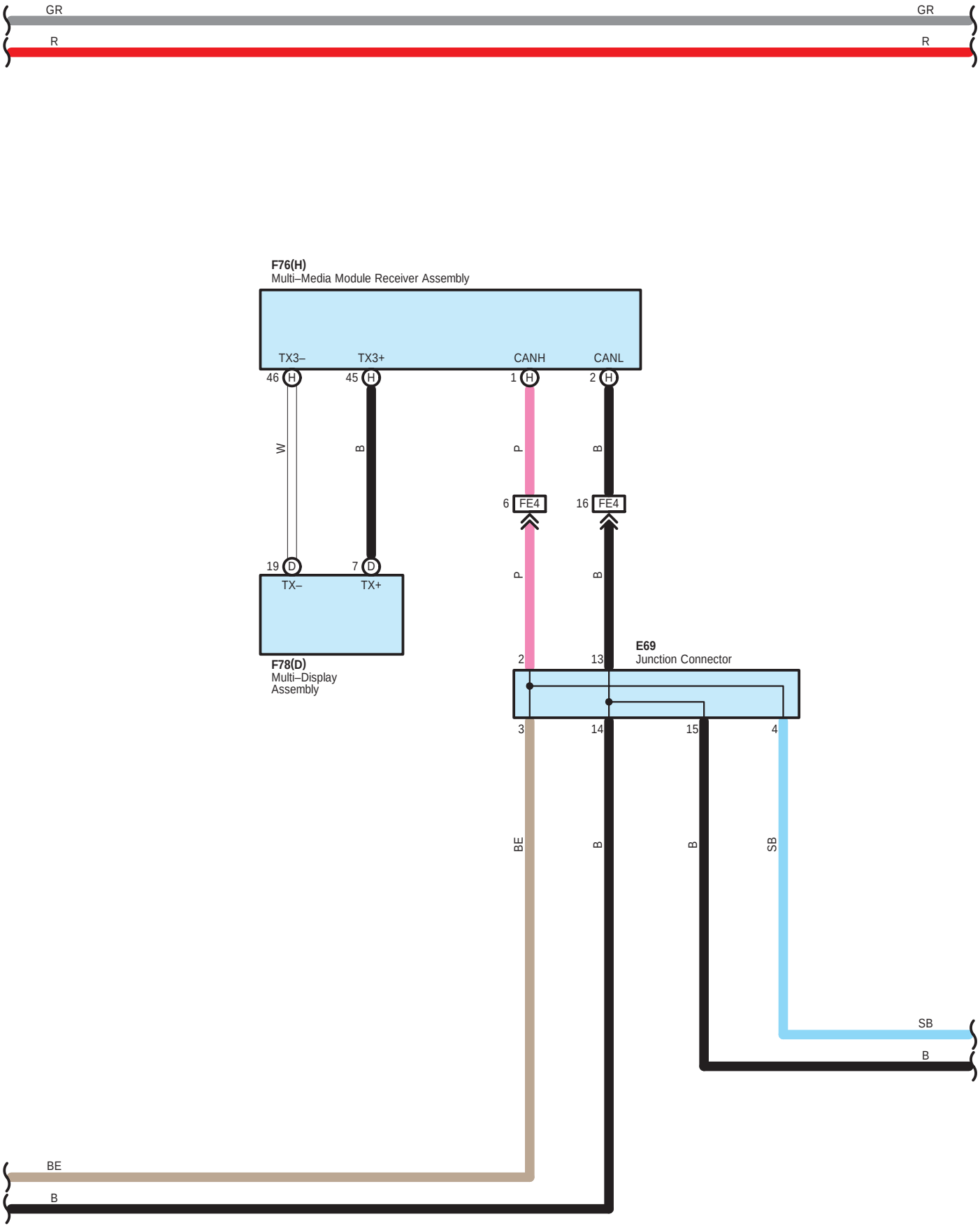

SK1
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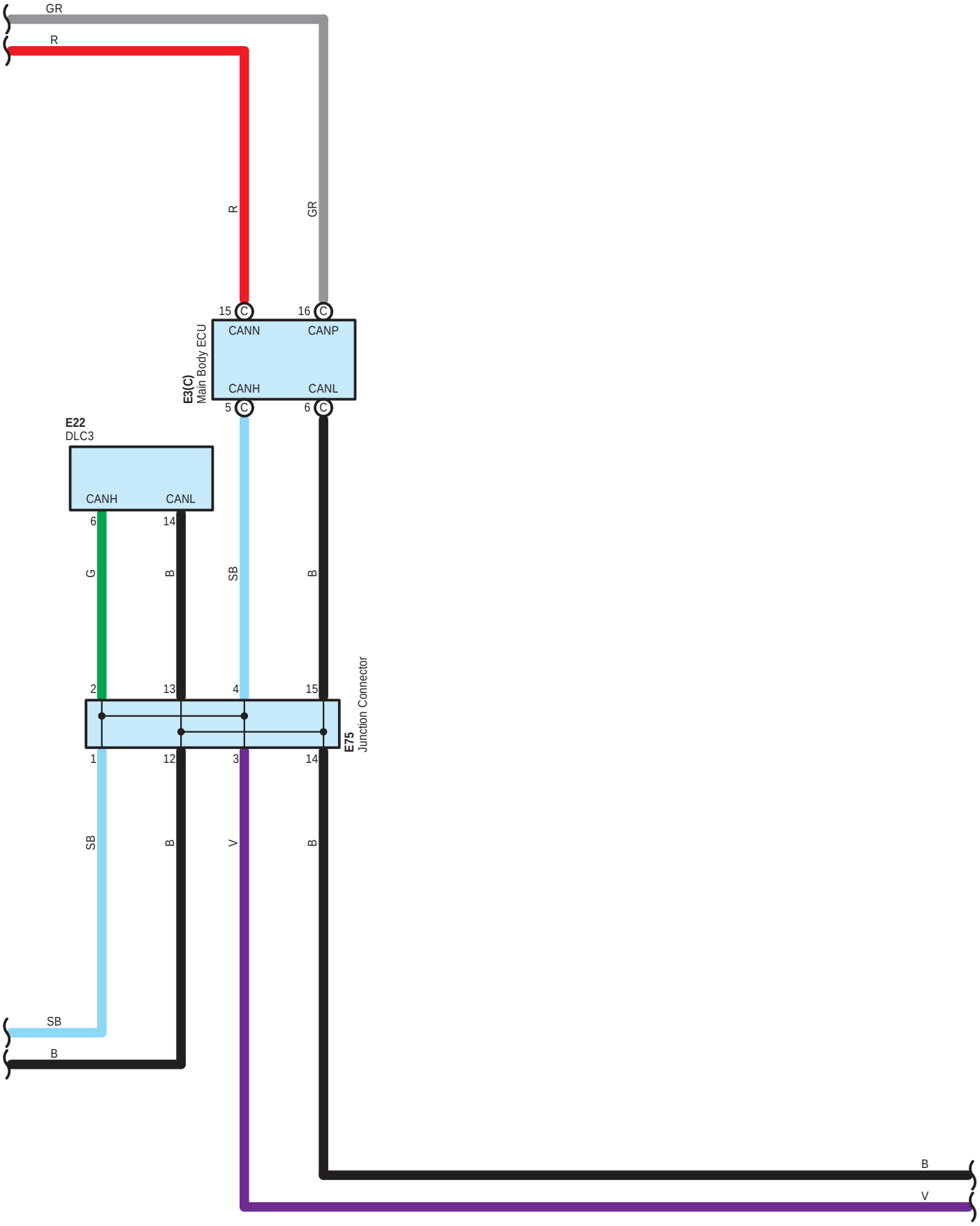


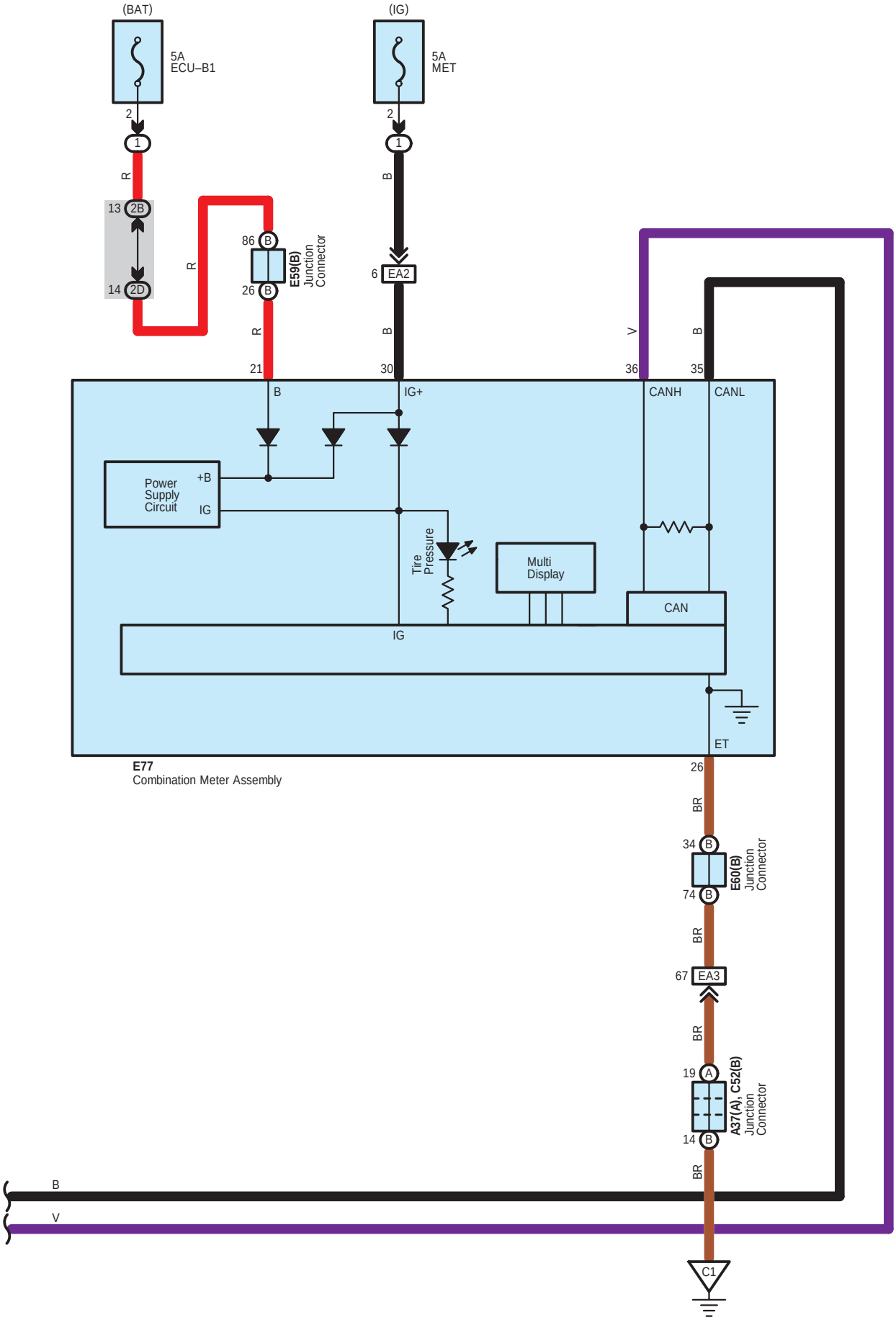

SK2
Blue
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11
VE1
White
1 2 3 4 5 6 7
8 9 10 11 12 13 14
7 6 5 4 3 2 1
14 13 12 11 10 9 8
VE3
Gray
1 2 3 4 5 6 7
8 9 10 11 12 13 14
7 6 5 4 3 2 1
14 13 12 11 10 9 8


(IG)
5A
ECU–IG
No. 4
8 3B
G
1 LL3
B
1
IG1
GR
R
6
17
E76
Junction
Connector
1
12
W
R
19 EK2
29 EK2
W
R
2 KL1
3 KL1
LG
GR
1 A
2 A
L29(A), L64(E)
Junction
Connector
1 E
2 E
G
R
3 LL3
4 LL3
W
B
3
6
CP1
CN1
L63
Tire Pressure Warning ECU and Receiver Assembly
EC4
EC2
CS1
GN1
9
8
2
4
W
W
(2 Antenna)
R
G
2 LL3
B
1 AL3
23 EL1
5 LL3
W
(2 Antenna)
B
B
1
1
1
INT
E
RR2
FR2
L62
Roof Tire Pressure Warning Antenna
A62
Front Tire Pressure Warning Antenna
E115
Tire Pressure Warning Reset Switch
2
W–B
W–B
E3
L2

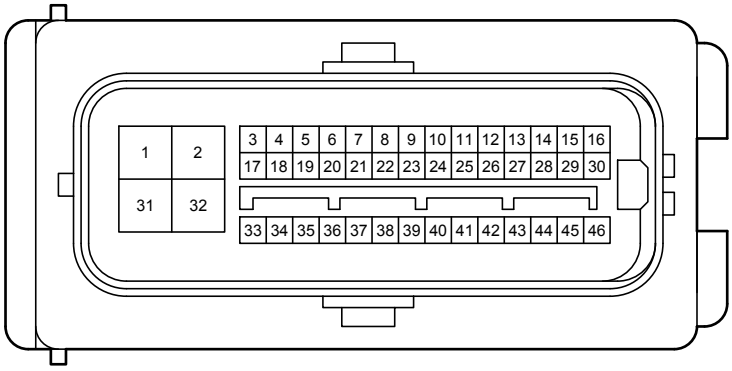

GR
GR
R
R
SB
L
10 FE4
20 FE4
6 B
17 B
7 B
18 B
F79(B) Junction Connector
E74 Junction Connector
13
2
16
5
1 FE4
11 FE4
32 EA1
31 EA1
V
2
13
1
12
E68 Junction Connector
3 A
4 A
3 B
4 B
A49(A), A50(B) Short Connector
W
E71 Junction Connector
25 A
11 A
CANL
CANH
A24(A)
Skid Control ECU with Actuator Assembly
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
LG
B
W
R
G
Speed Sensors
CA2H
CA2L
CA1L
CA1H
E31 Network Gateway ECU
15
16
BE
B


GR
GR
R
R
F76(H)
Multi–Media Module Receiver Assembly
TX3–
TX3+
CANH
CANL
46 H
45 H
1 H
2 H
W
B
P
B
6 FE4
16 FE4
19 D
7 D
TX–
TX+
P
B
F78(D)
Multi–Display
Assembly
E69
Junction Connector
2
13
3
14
15
4
BE
B
B
SB
SB
B
BE
B

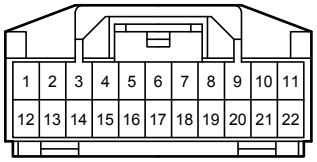

GR
R
R
GR
15
16
CANN
CANP
CANH
CANL
5
6
E3(C)
Main Body ECU
E22
DLC3
CANH
CANL
6
14
G
B
SB
B
2
13
4
15
1
12
3
14
E75
Junction Connector
SB
B
V
B
SB
B
B
V


(BAT)
5A
ECU–B1
2
1
R
13 2B
14 2D
R
86 B
26 B
E59(B)
Junction
Connector
R
21
B
(IG)
5A
MET
2
1
B
6 EA2
B
30
IG+
V
36
CANH
B
35
CANL
Power
Supply
Circuit
+B
IG
Tire
Pressure
Multi
Display
CAN
IG
ET
E77
Combination Meter Assembly
26
BR
34 B
74 B
E60(B)
Junction
Connector
BR
67 EA3
BR
19 A
14 B
A37(A), C52(B)
Junction
Connector
BR
B
V
C1

A 24
Black



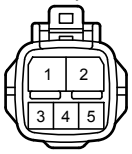

A 37
Blue



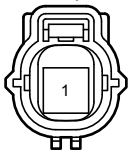

A 49
Gray



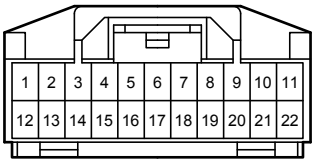

A 50
Gray



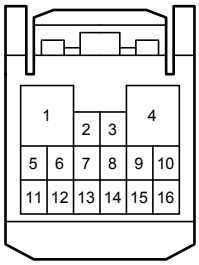

A 62
Gray



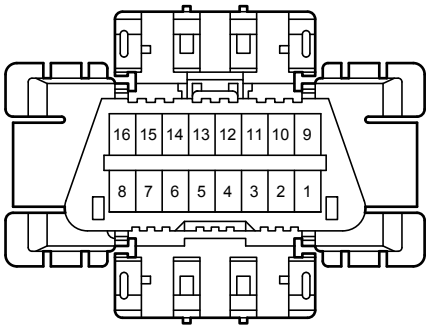

C 52
Blue



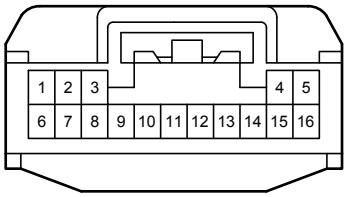

E 3
White



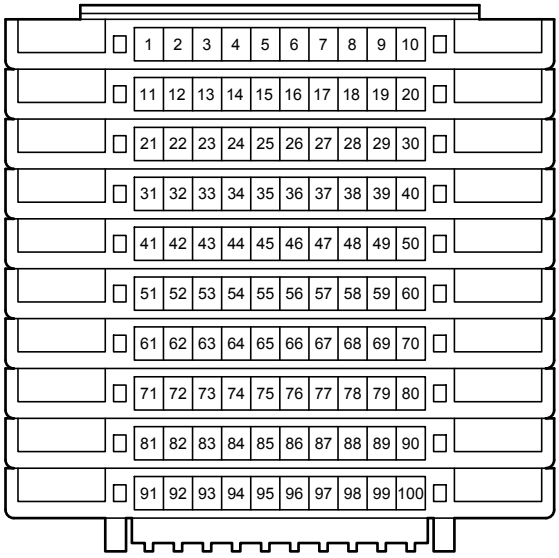

E 22
White



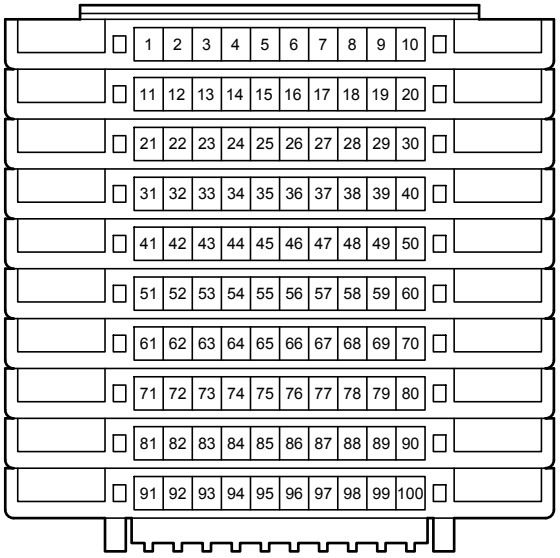

E 31
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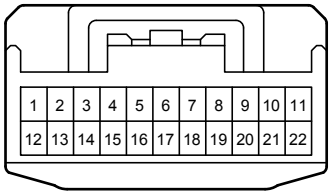

E 59
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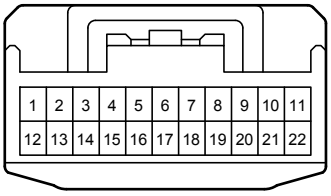

E 60
White



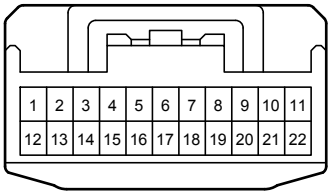
E 68
Gray



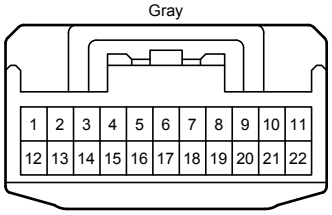

E 69
Gray



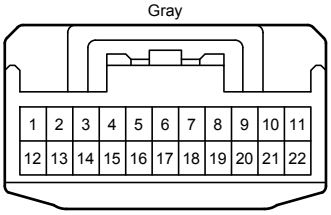

E 71
Gray



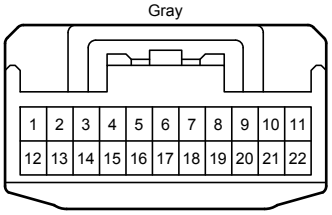

E 74
Gray



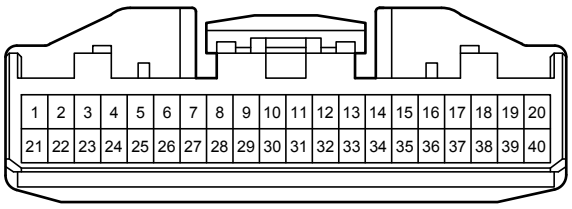

E 75
Gray



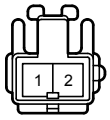

E 76
Gray



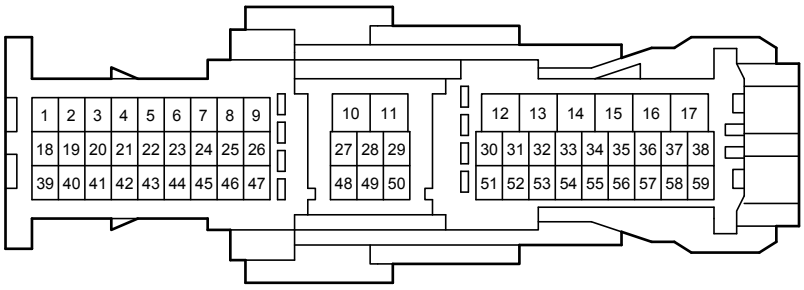

E 77
White



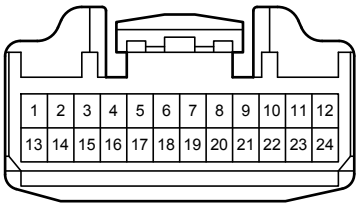

E115
Black



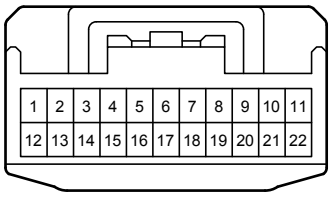

F 76
White



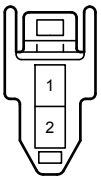

F 78
White




F 79
White



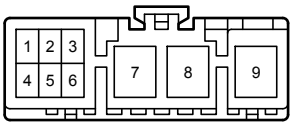

L 29
White



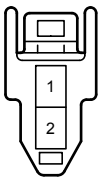

L 62
Gray



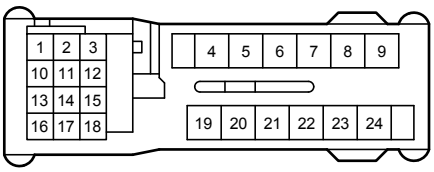

L 63
White

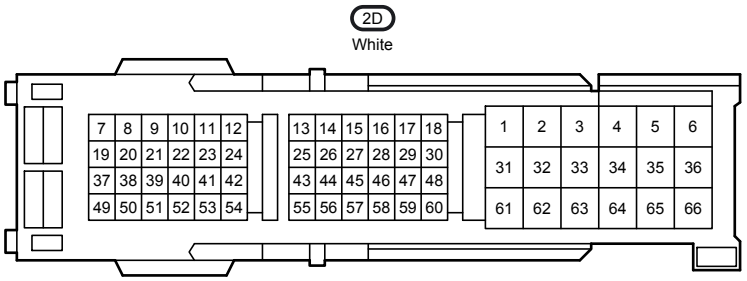


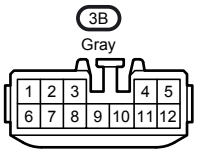

L 64
White

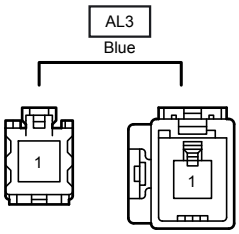


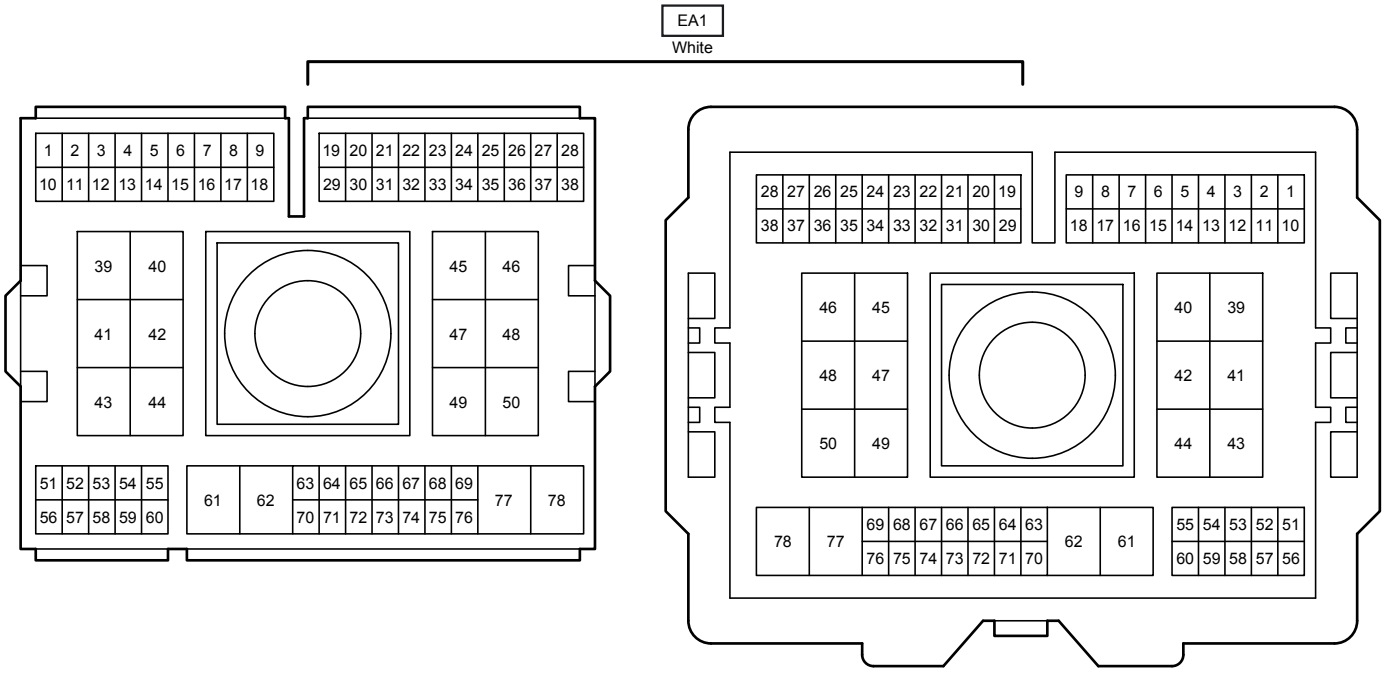

2B
White




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

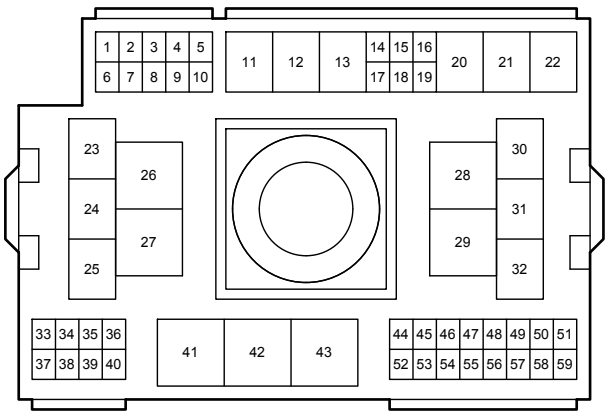

3B
Gray
1 2 3 4 5
6 7 8 9 10 11 12


AL3
Blue
1
1

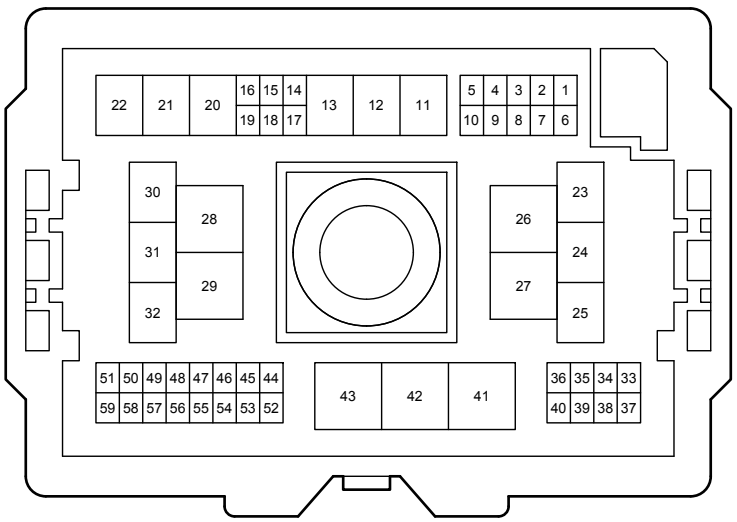

EA1
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7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

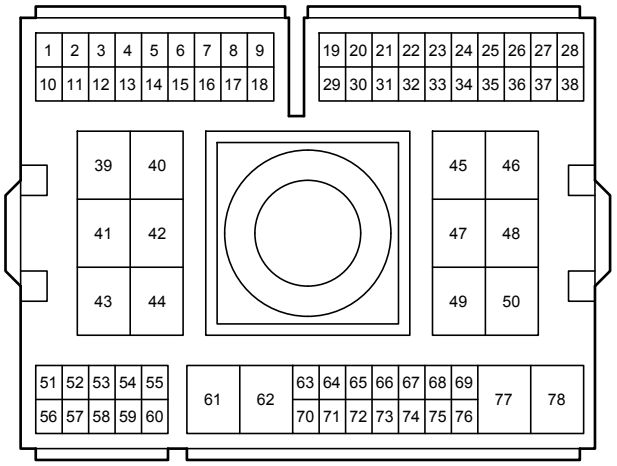


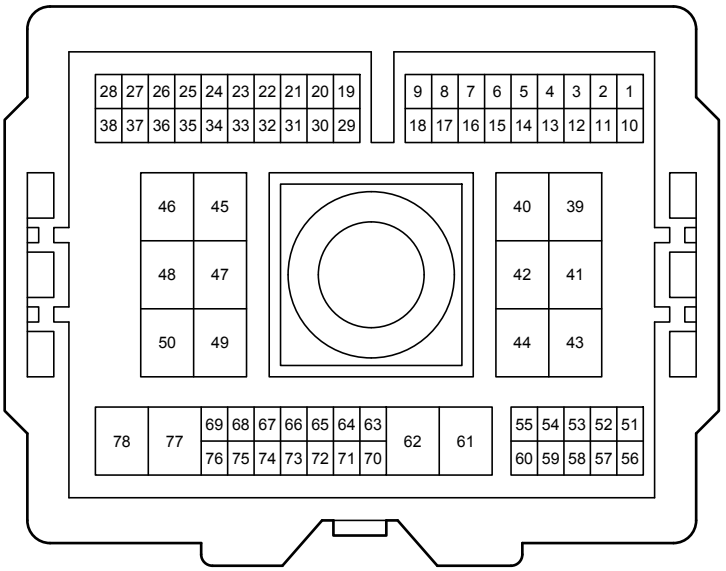

Gray



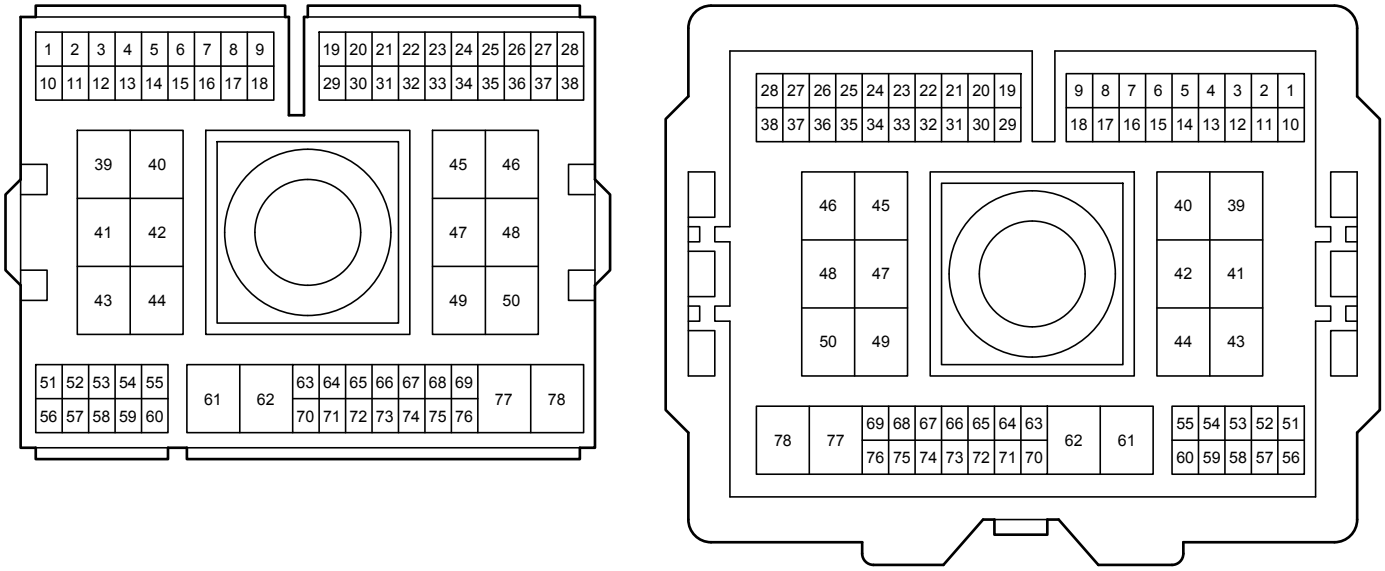

EA3

White

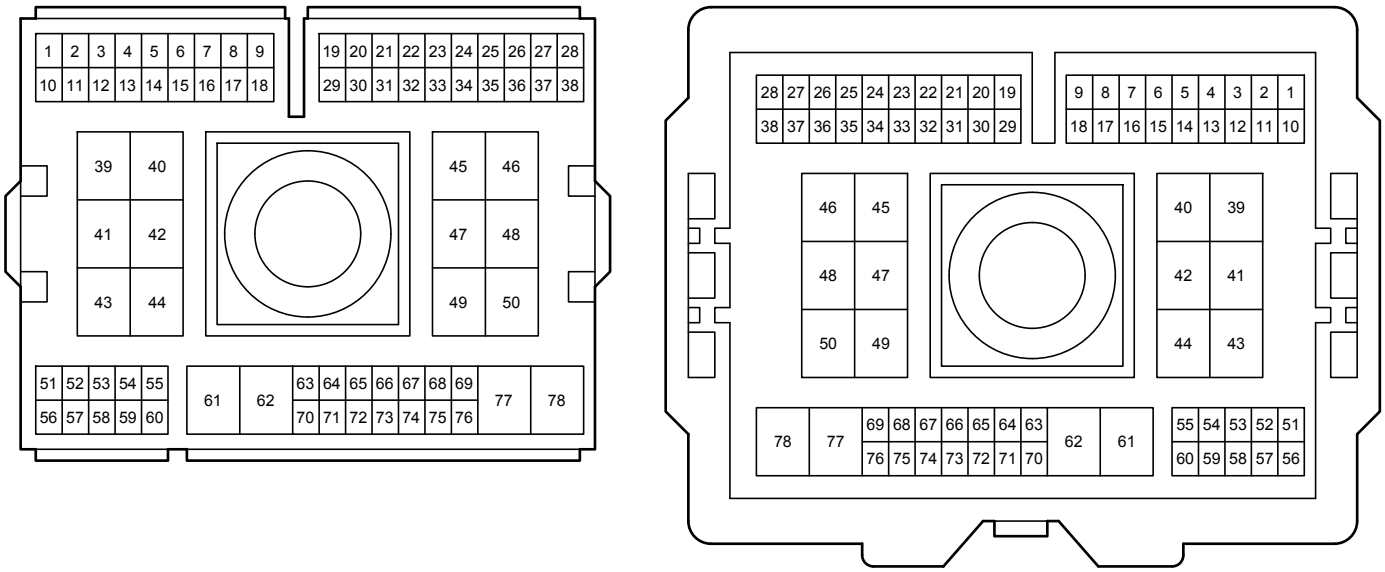


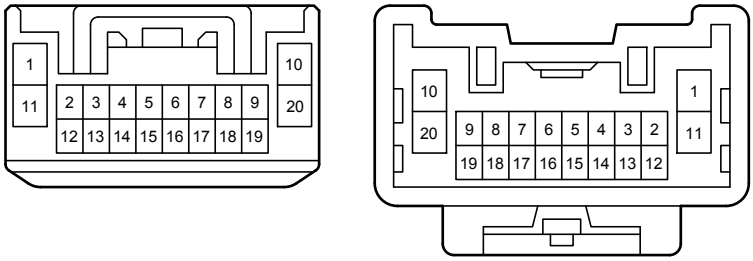
EK2
White

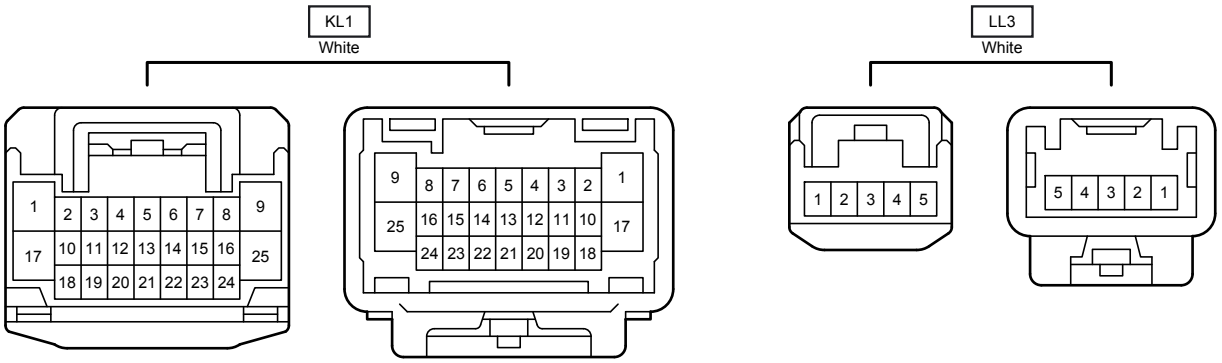


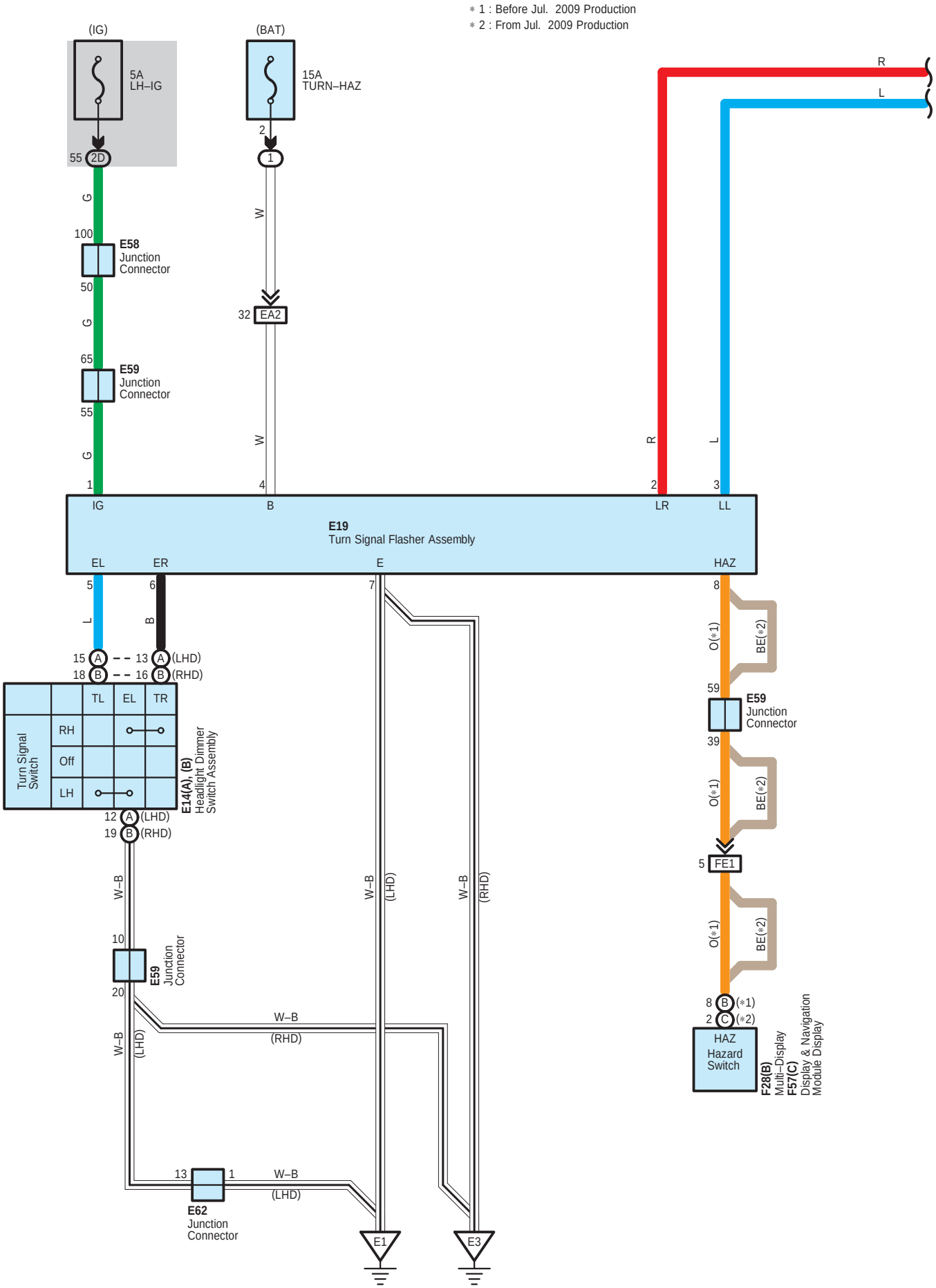

EL1
White

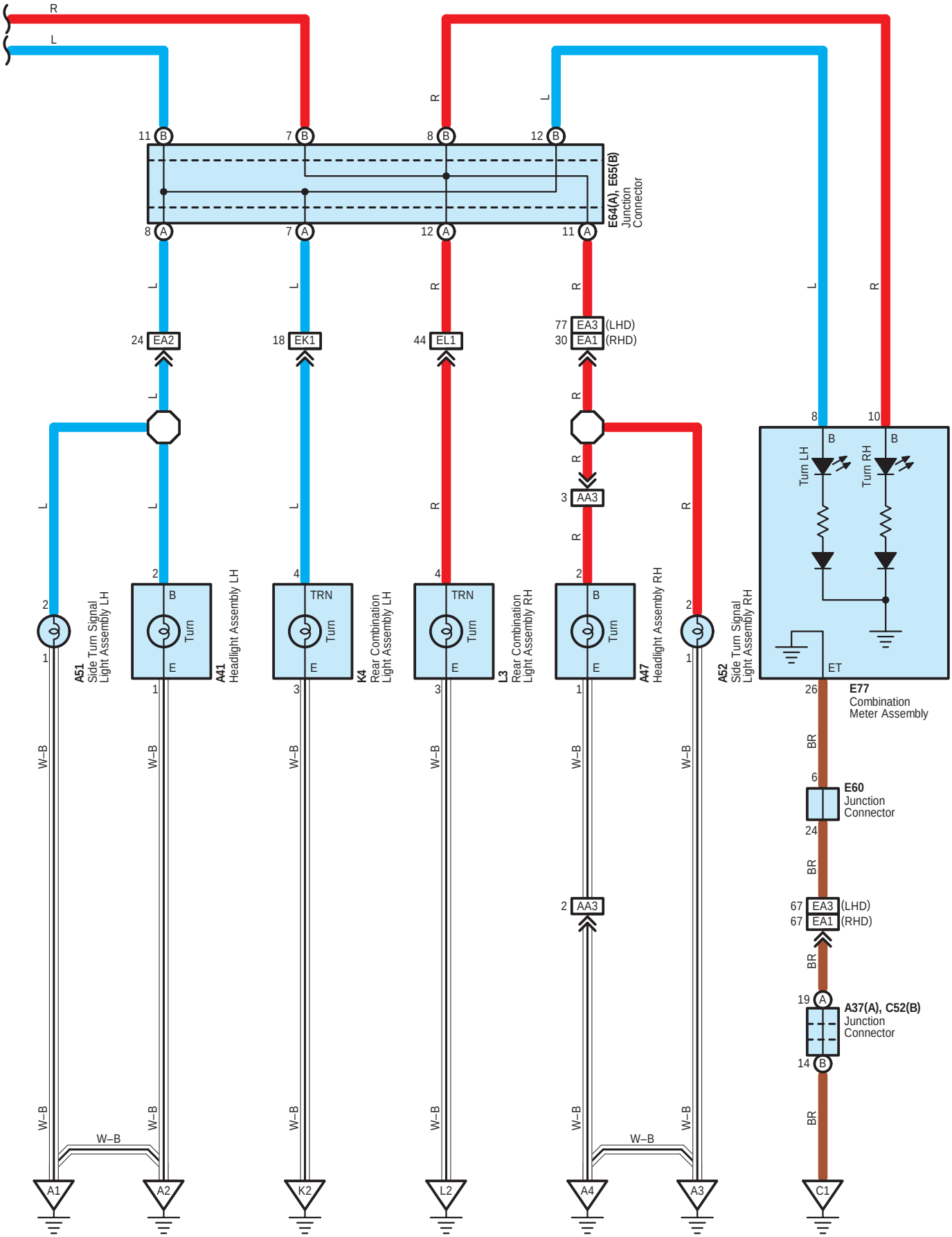



FE4
White

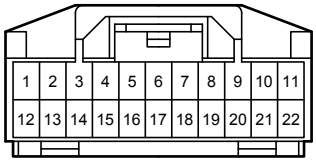



KL1
White
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
LL3
White
1
2
3
4
5

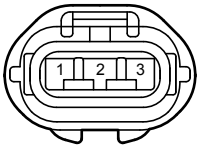

* 1 : Before Jul. 2009 Production
* 2 : From Jul. 2009 Production
(IG)
5A
LH–IG
55 2D
G
100
E58
Junction
Connector
50
G
65
E59
Junction
Connector
55
G
1
(BAT)
15A
TURN–HAZ
2
1
W
32 EA2
W
4
R
L
2
3
R
L
IG
B
LR
LL
E19
Turn Signal Flasher Assembly
EL
ER
E
HAZ
5
6
7
8
L
B
O(*1)
BE(*2)
15 A
18 B
13 A (LHD)
16 B (RHD)
TL
EL
TR
RH
Off
LH
Turn Signal
Switch
E14(A), (B)
Headlight Dimmer
Switch Assembly
12 A (LHD)
19 B (RHD)
59
E59
Junction
Connector
39
O(*1)
BE(*2)
5 FE1
O(*1)
BE(*2)
W–B
10
E59
Junction
Connector
20
W–B
(LHD)
W–B
(RHD)
W–B
(LHD)
W–B
(RHD)
8 B (*1)
2 C (*2)
HAZ
Hazard
Switch
F28(B)
Multi–Display
F57(C)
Display & Navigation
Module Display
13
1
W–B
(LHD)
E62
Junction
Connector
E1
E3


R
L
11 B
7 B
8 B
12 B
E64(A), E65(B)
Junction
Connector
8 A
7 A
12 A
11 A
24 EA2
18 EK1
44 EL1
77 EA3 (LHD)
30 EA1 (RHD)
3 AA3
2 AA3
A51
Side Turn Signal
Light Assembly LH
A41
Headlight Assembly LH
K4
Rear Combination
Light Assembly LH
L3
Rear Combination
Light Assembly RH
A47
Headlight Assembly RH
A52
Side Turn Signal
Light Assembly RH
B
Turn
E
TRN
W–B
Turn LH
Turn RH
ET
E77
Combination
Meter Assembly
26
BR
6
E60
Junction
Connector
24
67 EA3 (LHD)
67 EA1 (RHD)
19 A
A37(A), C52(B)
Junction
Connector
14 B
A1
A2
K2
L2
A4
A3
C1

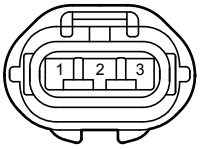
A 37
Blue



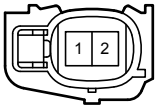

A 41
Black



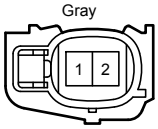

A 47
Black



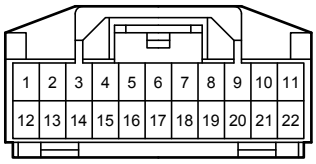

A 51
Gray



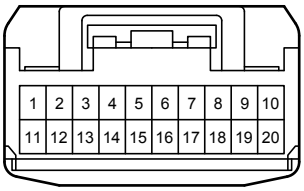

A 52
Gray



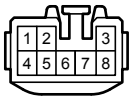

C 52
Blue



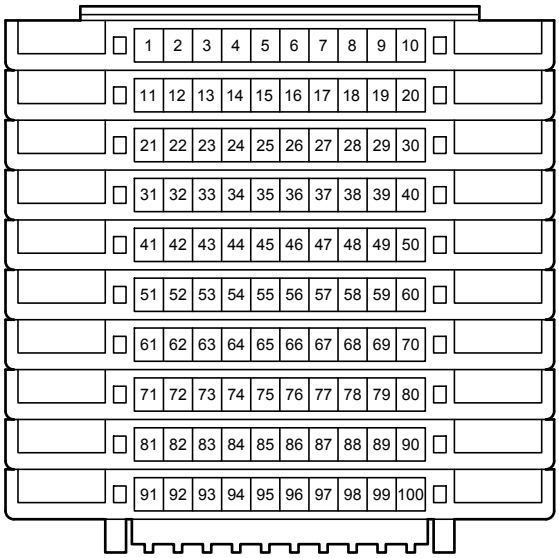

E 14
White



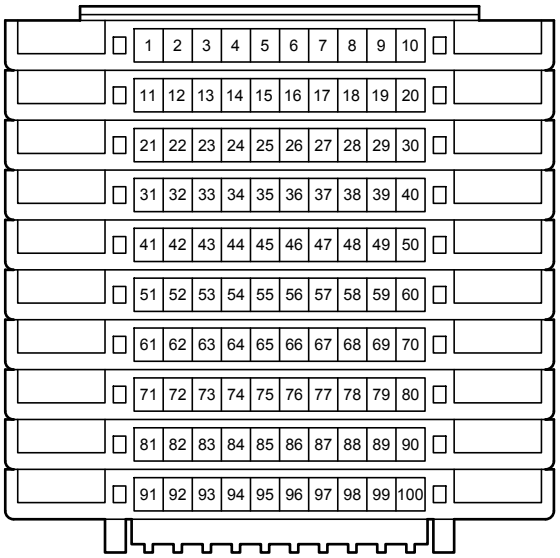

E 19
Black



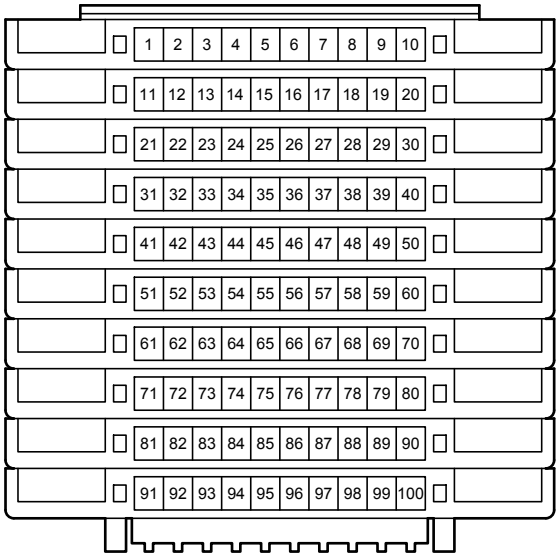

E 58
White



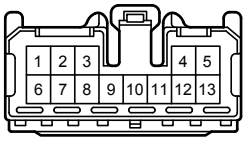

E 59
White



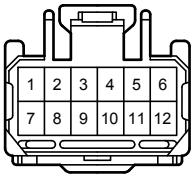

E 60
White



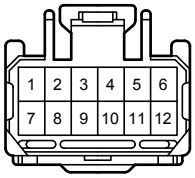

E 62
White



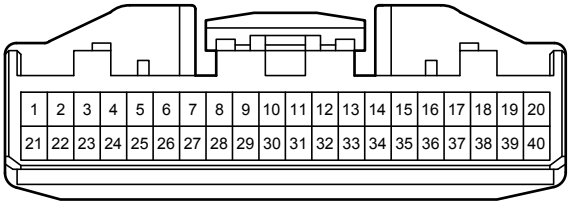

E 64
Black



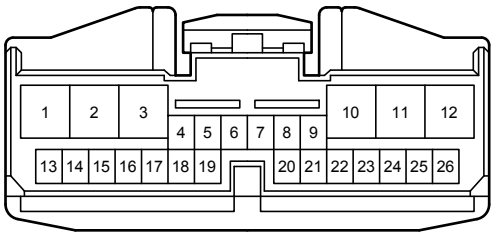
E 65
Black



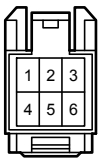

E 77
White



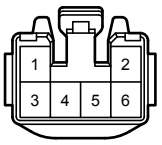

F 28
White



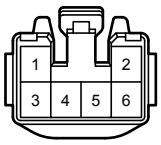

F 57
Blue



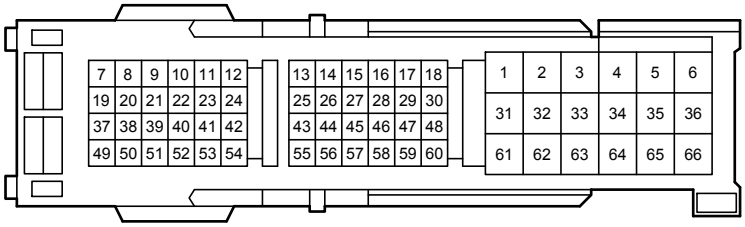

K 4
White



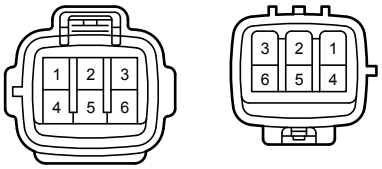

L 3
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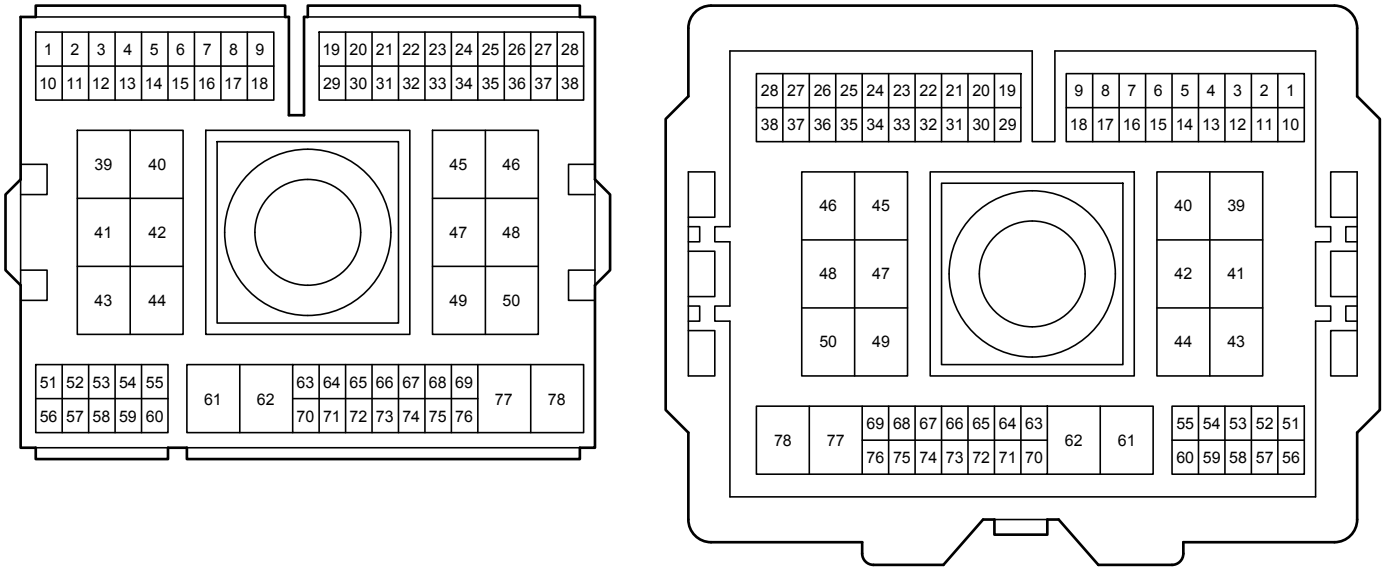

2D
White




AA3
Gray



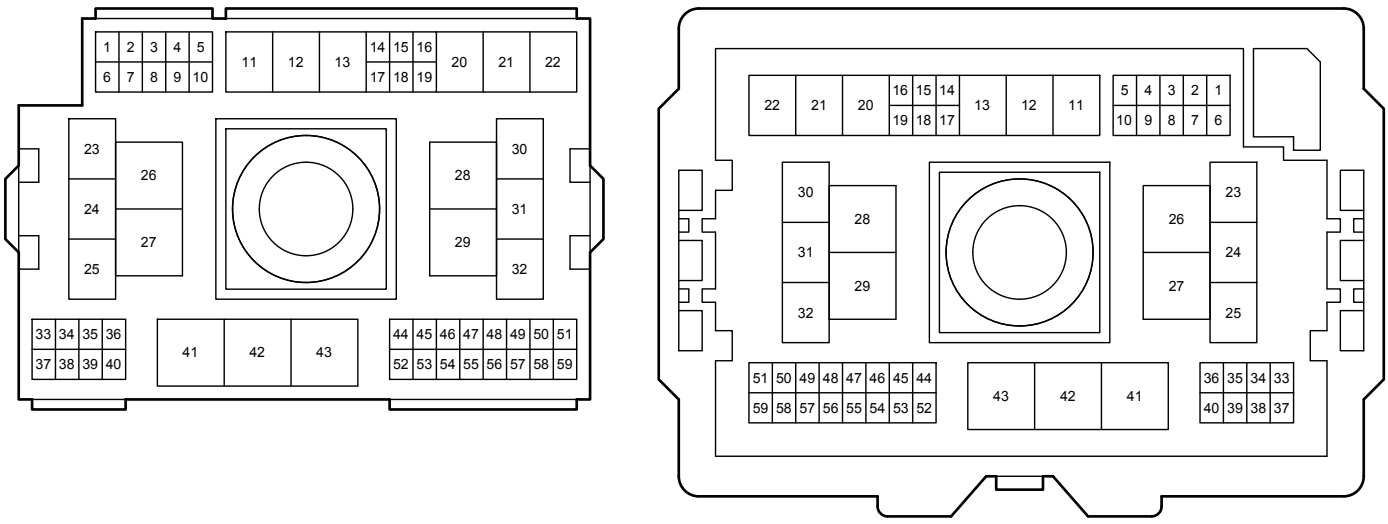

EA1
White



EA2

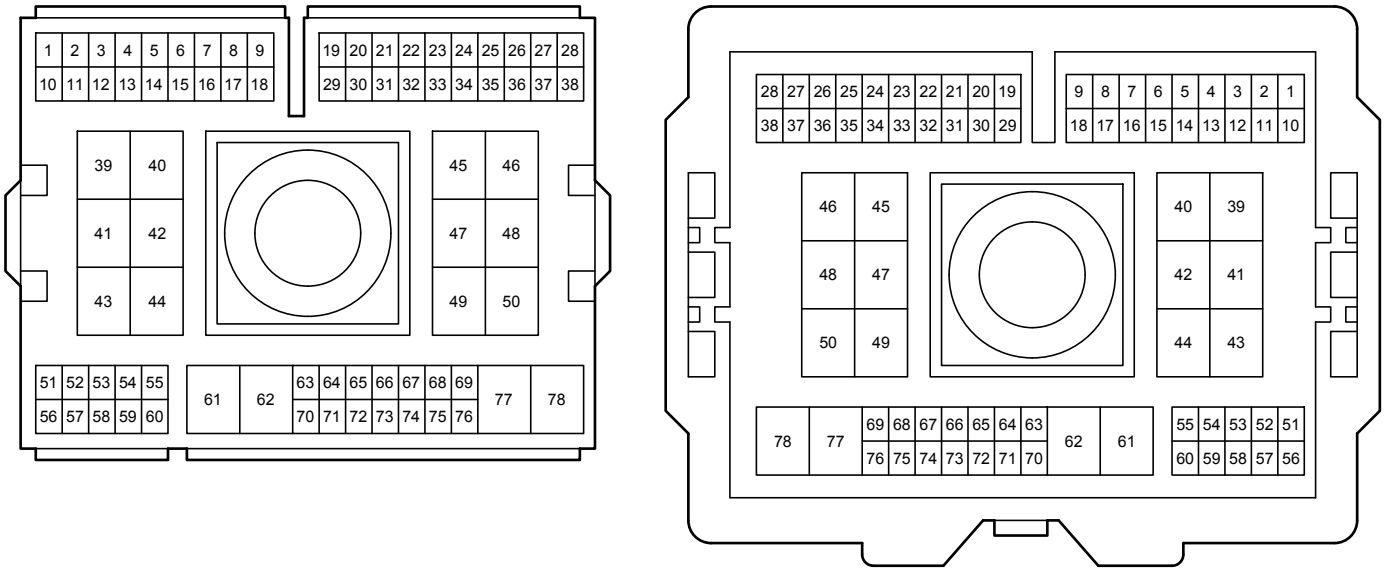
White

Gray




EA3

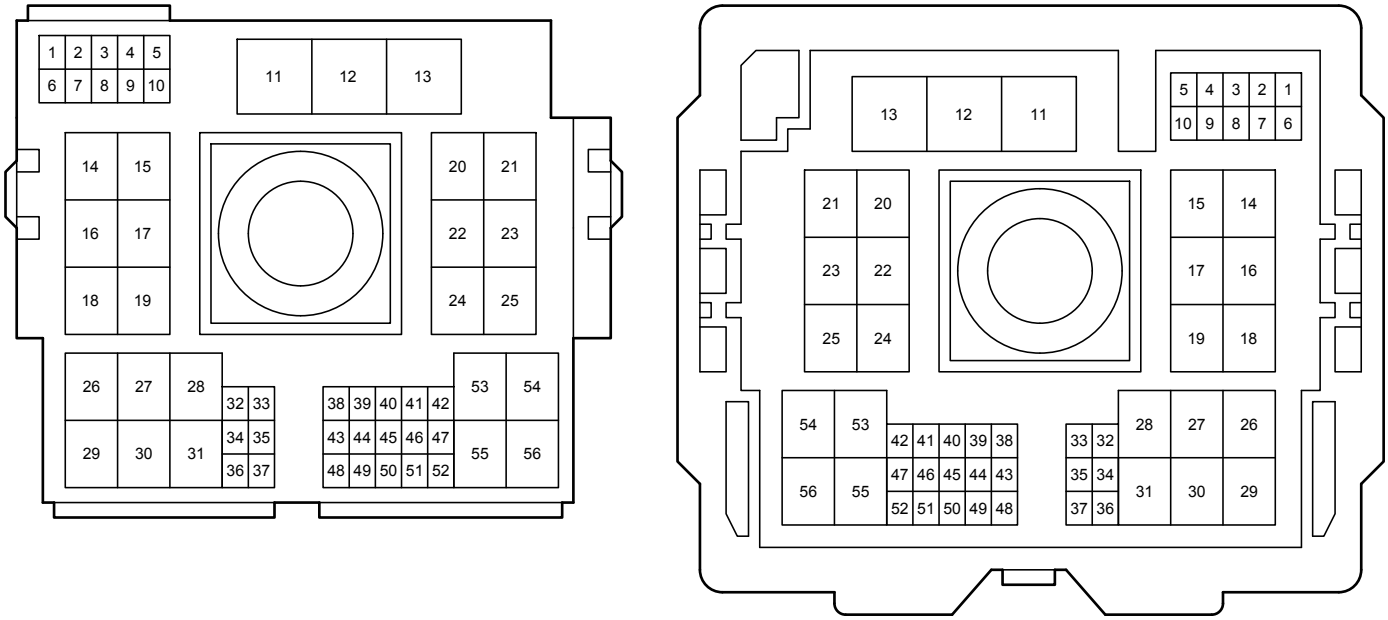
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EK1

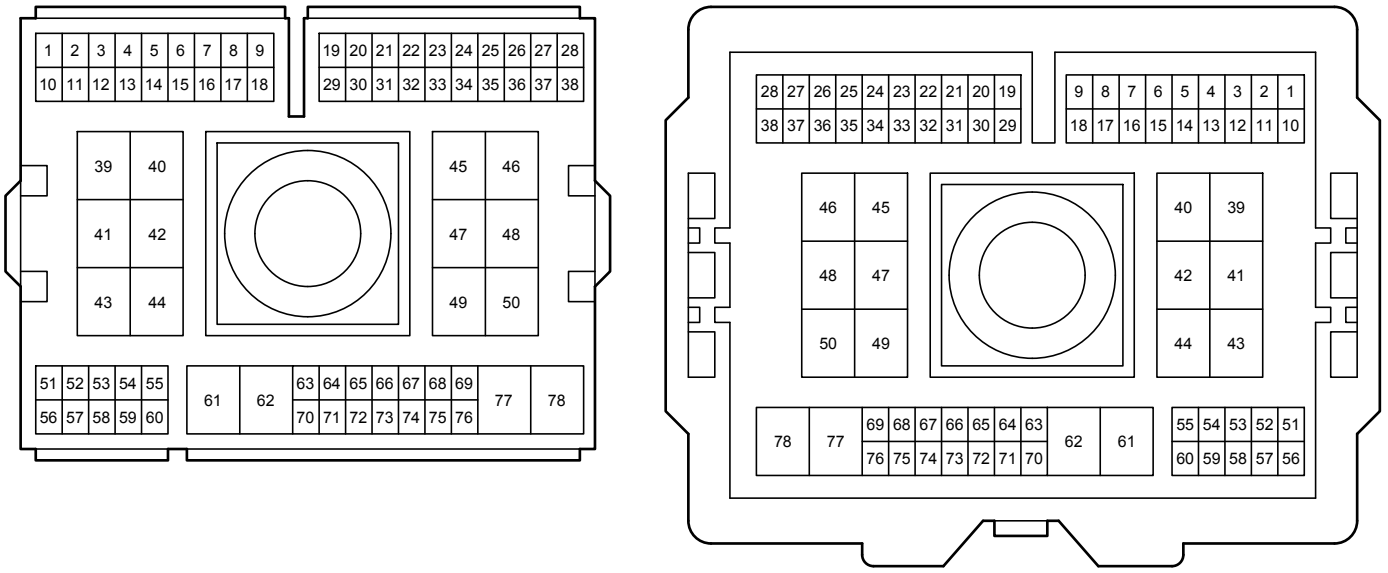
White

Blue



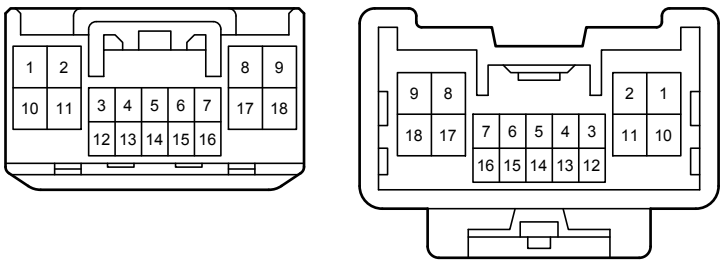

EL1

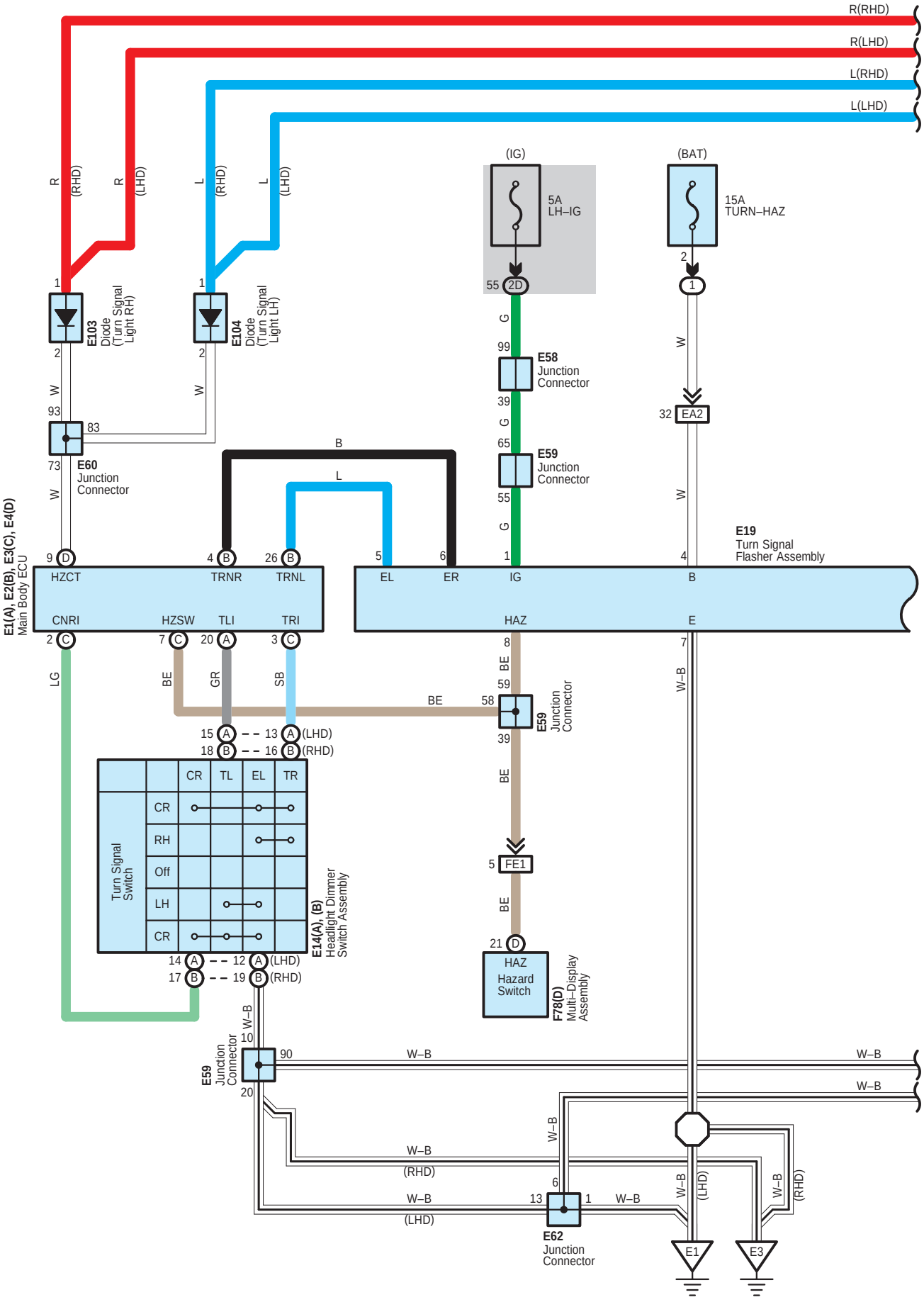
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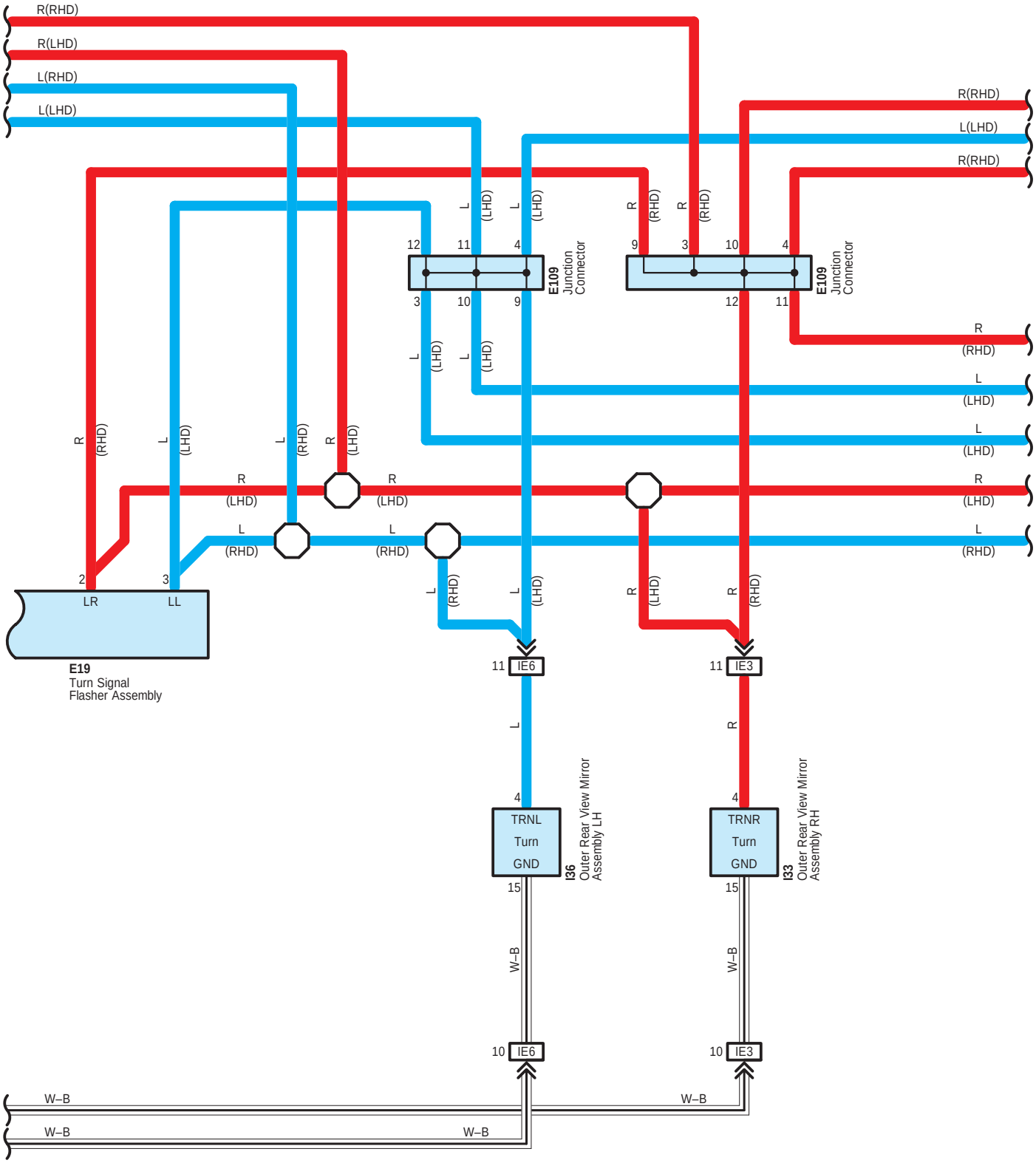


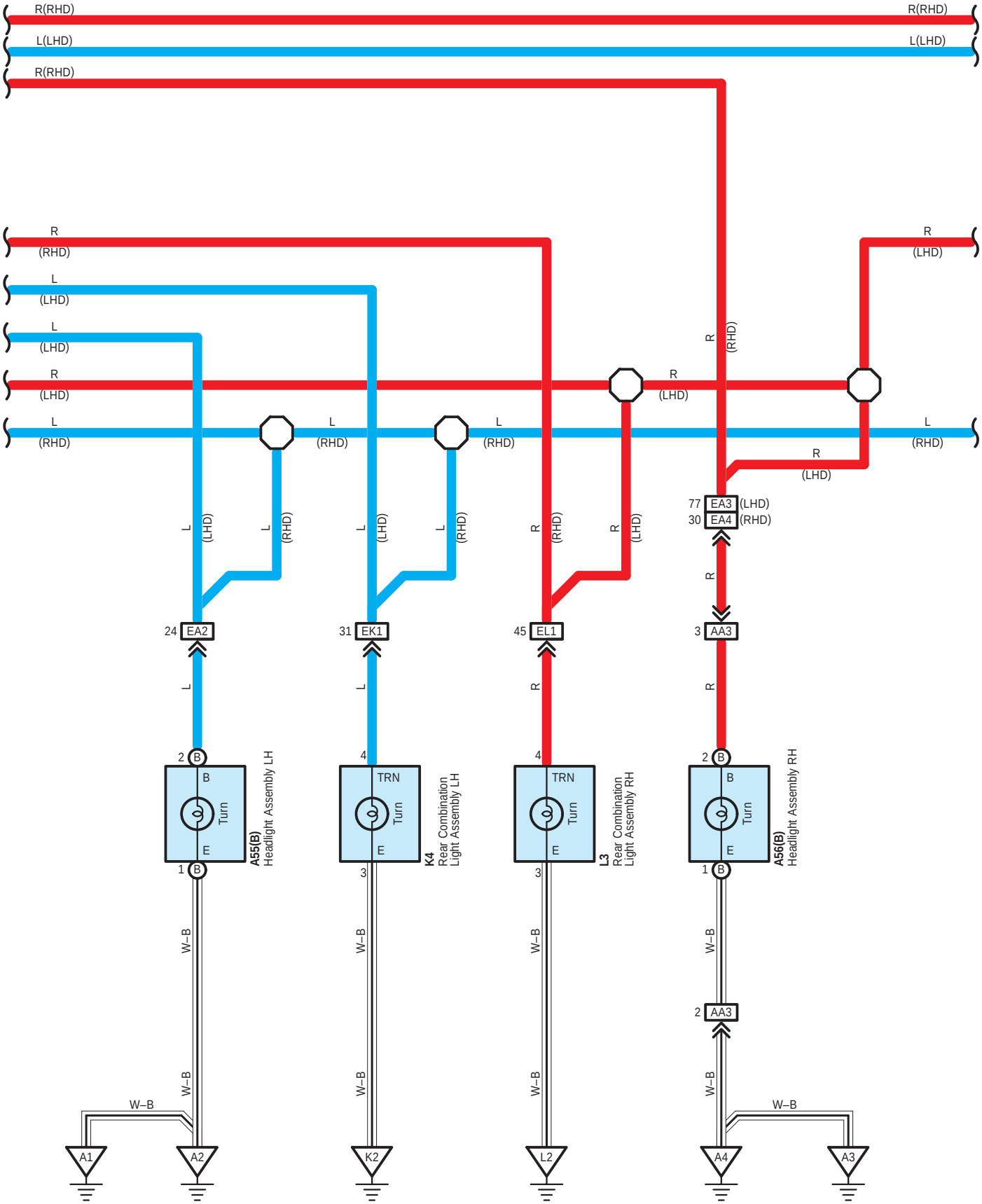

FE1

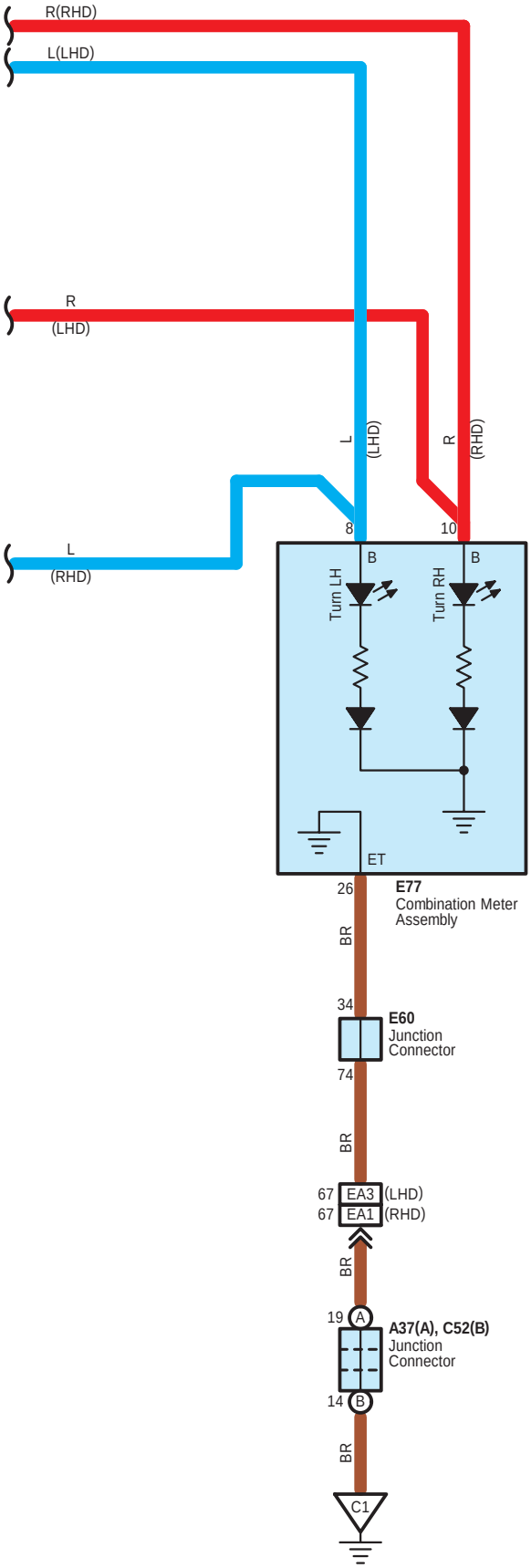
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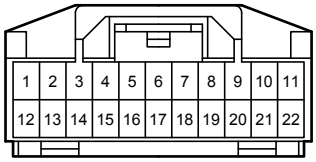

R(RHD)
R(LHD)
L(RHD)
L(LHD)
(IG)
5A
LH–IG
(BAT)
15A
TURN–HAZ
E103
Diode
(Turn Signal
Light RH)
E104
Diode
(Turn Signal
Light LH)
E58
Junction
Connector
E59
Junction
Connector
E60
Junction
Connector
E19
Turn Signal
Flasher Assembly
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
HZCT
TRNR
TRNL
EL
ER
IG
B
CNRI
HZSW
TLI
TRI
HAZ
E
Turn Signal
Switch
CR
RH
Off
LH
CR
TL
EL
TR
E14(A), (B)
Headlight Dimmer
Switch Assembly
HAZ
Hazard
Switch
F78(D)
Multi–Display
Assembly
E62
Junction
Connector
E1
E3
(LHD)
(RHD)
W–B
BE
LG
GR
SB
G
W
B
L


R(RHD)
R(LHD)
L(RHD)
L(LHD)
R(RHD)
L(LHD)
R(RHD)
E109
Junction
Connector
E109
Junction
Connector
R
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(RHD)
R
(LHD)
R
(RHD)
LR
LL
E19
Turn Signal
Flasher Assembly
IE6
IE3
TRNL
Turn
GND
TRNR
Turn
GND
I36
Outer Rear View Mirror
Assembly LH
I33
Outer Rear View Mirror
Assembly RH
W–B
W–B
W–B
W–B


R(RHD)
L(LHD)
R(RHD)
R(RHD)
L(LHD)
R(RHD)
L(LHD)
L(LHD)
R(LHD)
L(RHD)
L(RHD)
L(RHD)
R(LHD)
L(RHD)
R(LHD)
77 EA3 (LHD)
30 EA4 (RHD)
24 EA2
31 EK1
45 EL1
3 AA3
2 B
4
4
2 B
B
Turn
E
TRN
A55(B) Headlight Assembly LH
K4 Rear Combination Light Assembly LH
L3 Rear Combination Light Assembly RH
A56(B) Headlight Assembly RH
1 B
3
3
1 B
W–B
2 AA3
A1
A2
K2
L2
A4
A3


R(RHD)
L(LHD)
R
(LHD)
L
(RHD)
L
(LHD)
R
(RHD)
8
10
B
B
Turn LH
Turn RH
ET
26
BR
E77
Combination Meter
Assembly
34
E60
Junction
Connector
74
BR
67 EA3 (LHD)
67 EA1 (RHD)
BR
19 A
A37(A), C52(B)
Junction
Connector
14 B
BR
C1

A 37
Blue



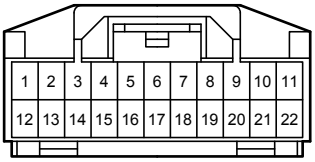

A 55
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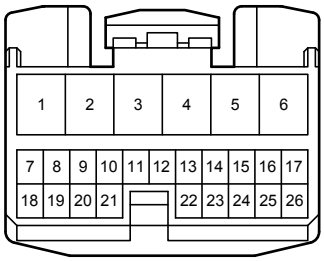

A 56
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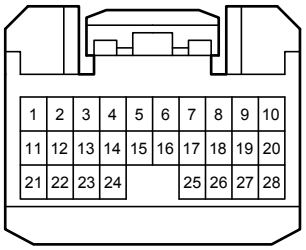

C 52
Blue



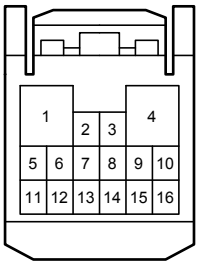

E 1
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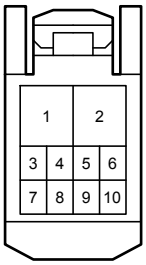

E 2
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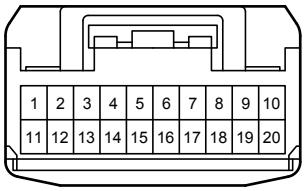

E 3
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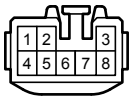

E 4
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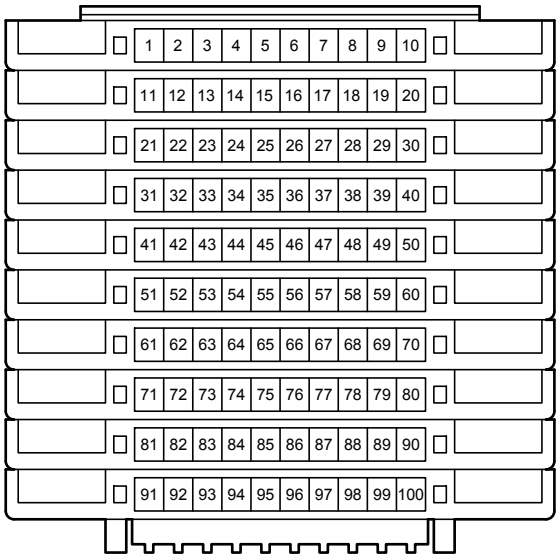

E 14
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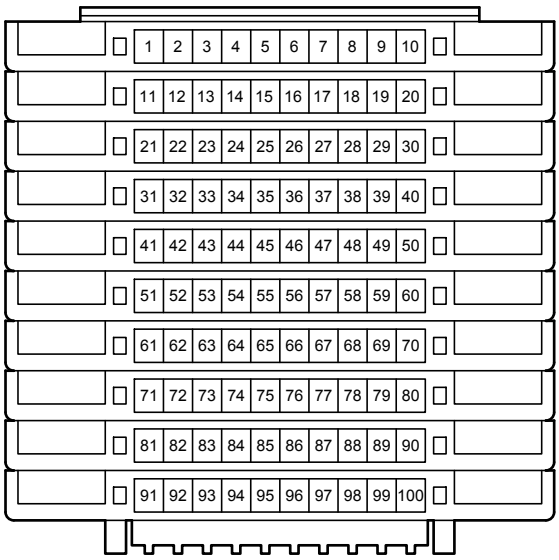

E 19
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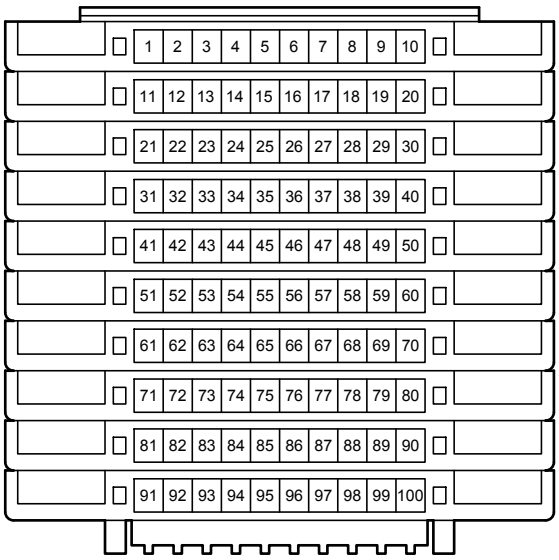

E 58
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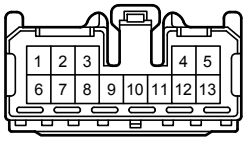

E 59
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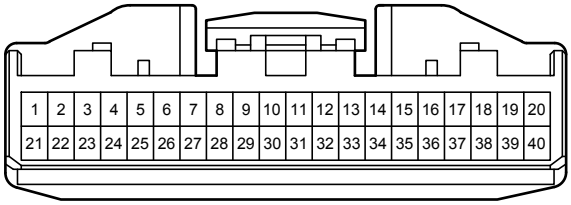

E 60
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E 62
White




E 77
White



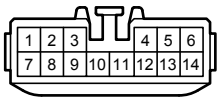

E103
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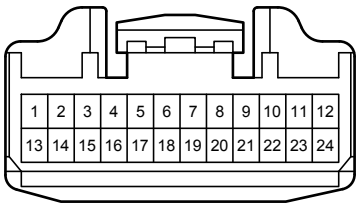

E104
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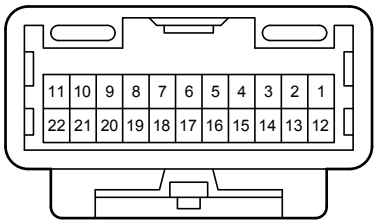

E109
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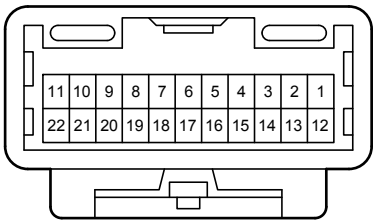

F 78
White



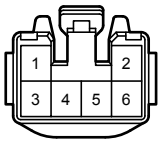

I 33
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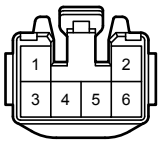

I 36
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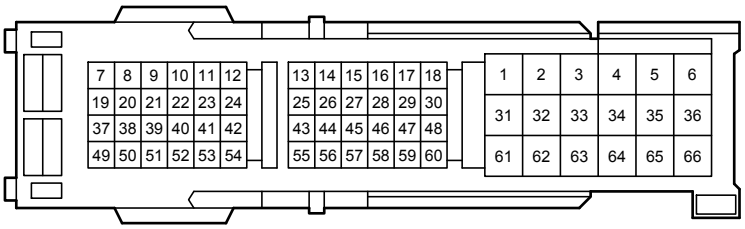

K 4
White



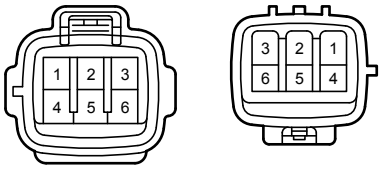

L 3
White




2D
White

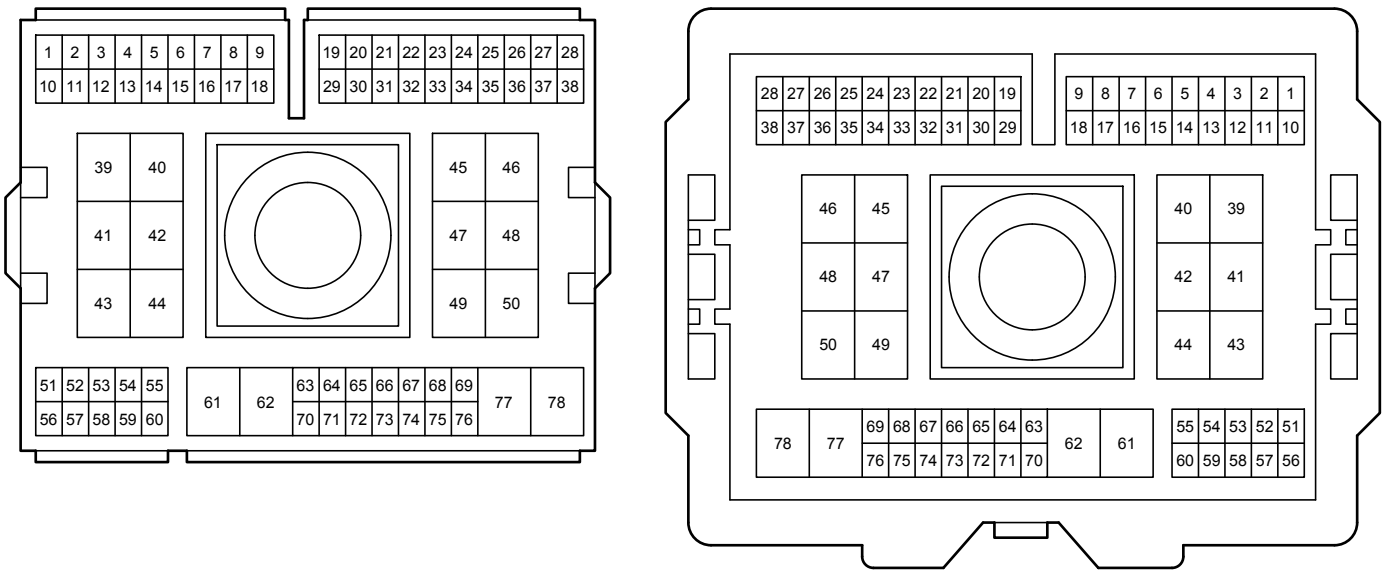



AA3
Gray



EA1

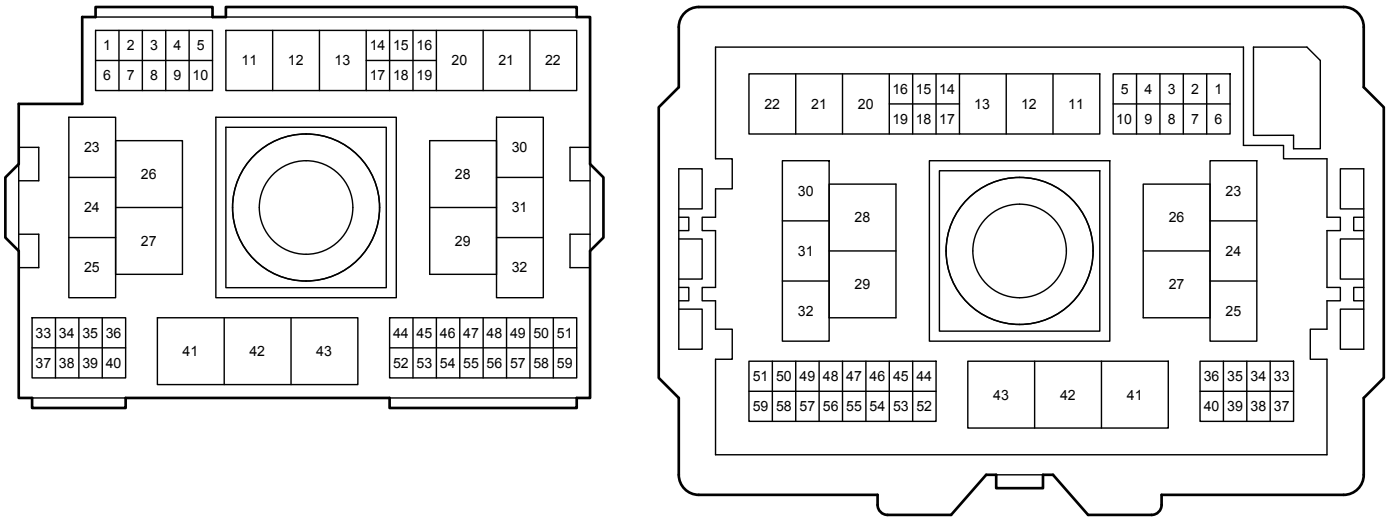
White




EA2

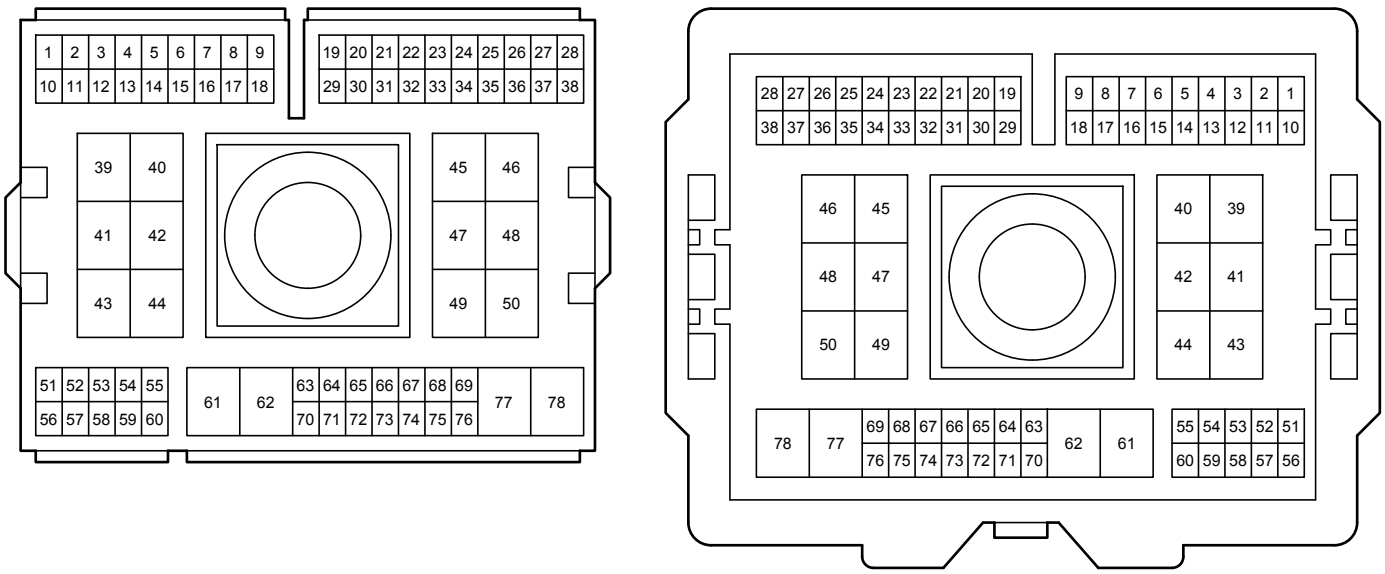
White

Gray



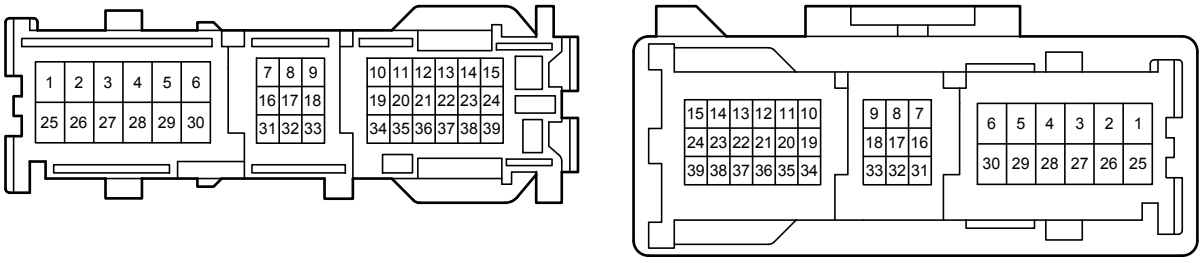
EA3

White




EA4

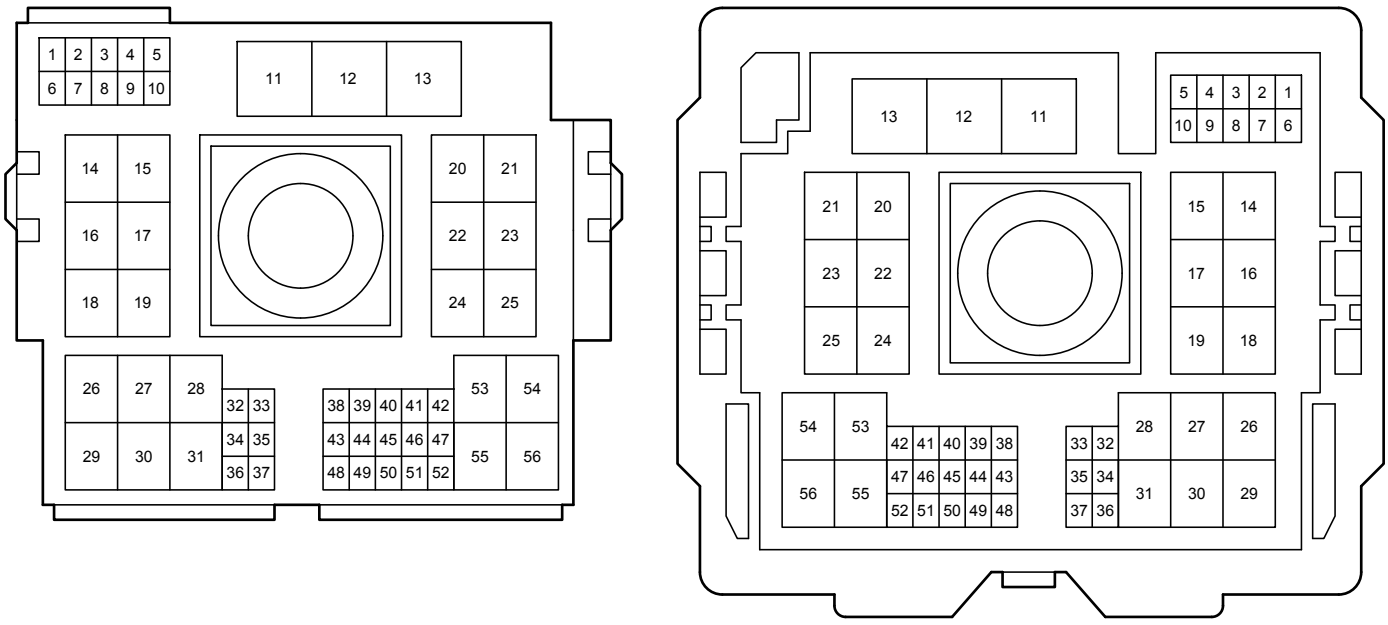
White



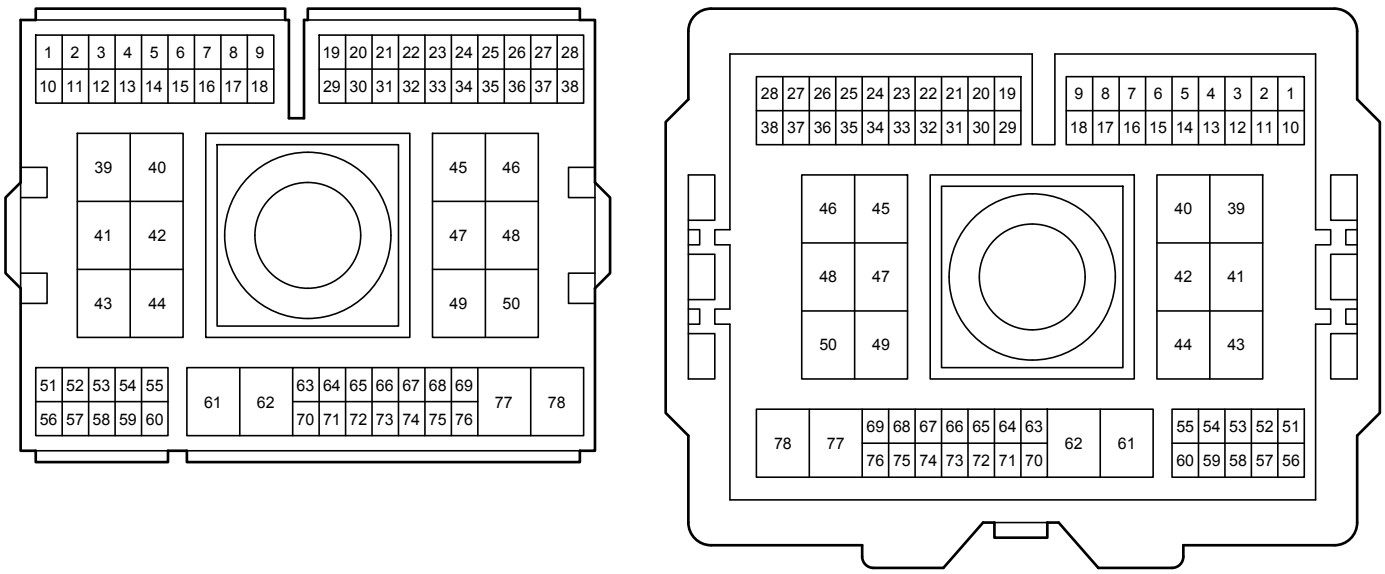

EK1

White

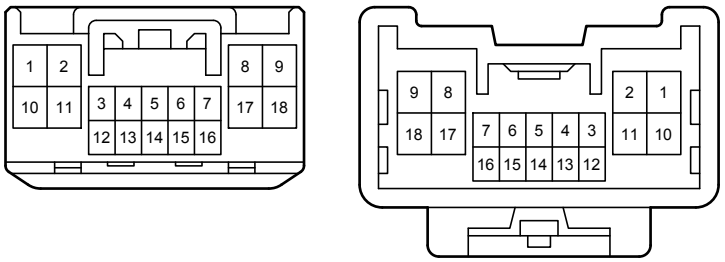
Blue



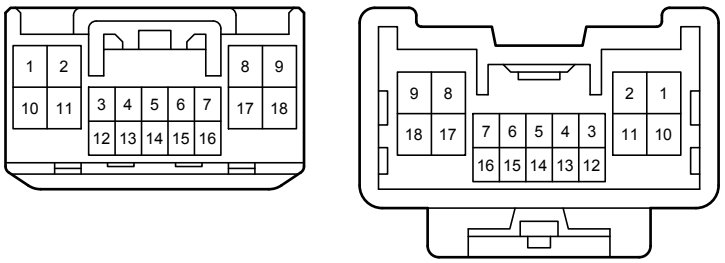
EL1
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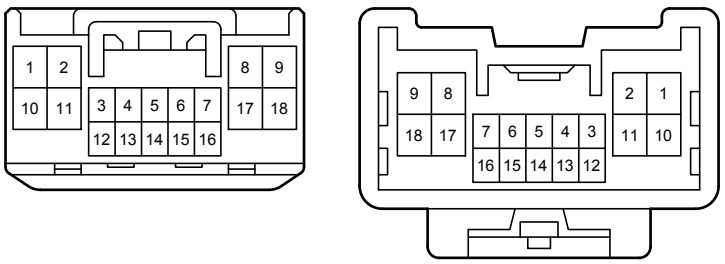

FE1
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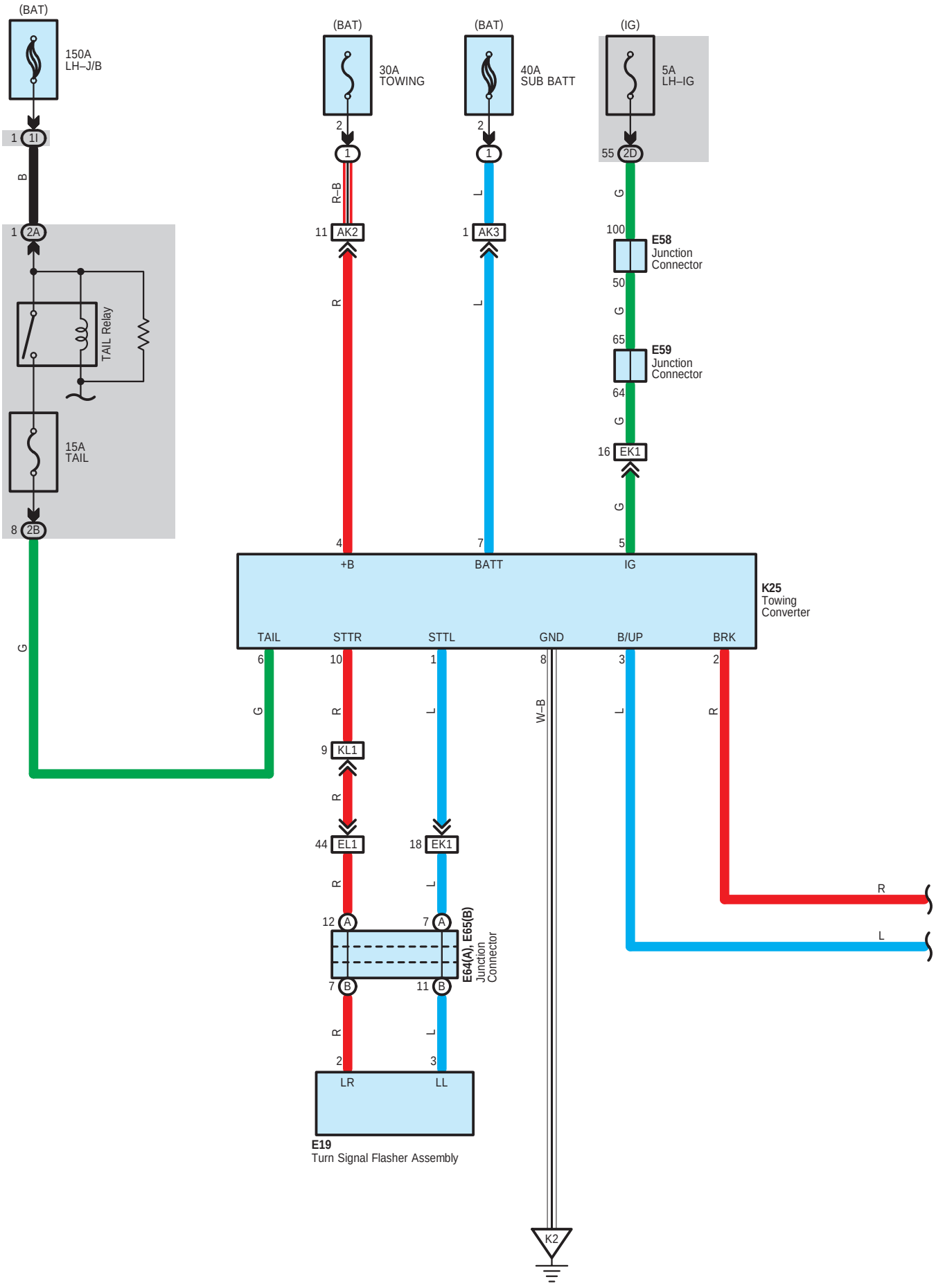


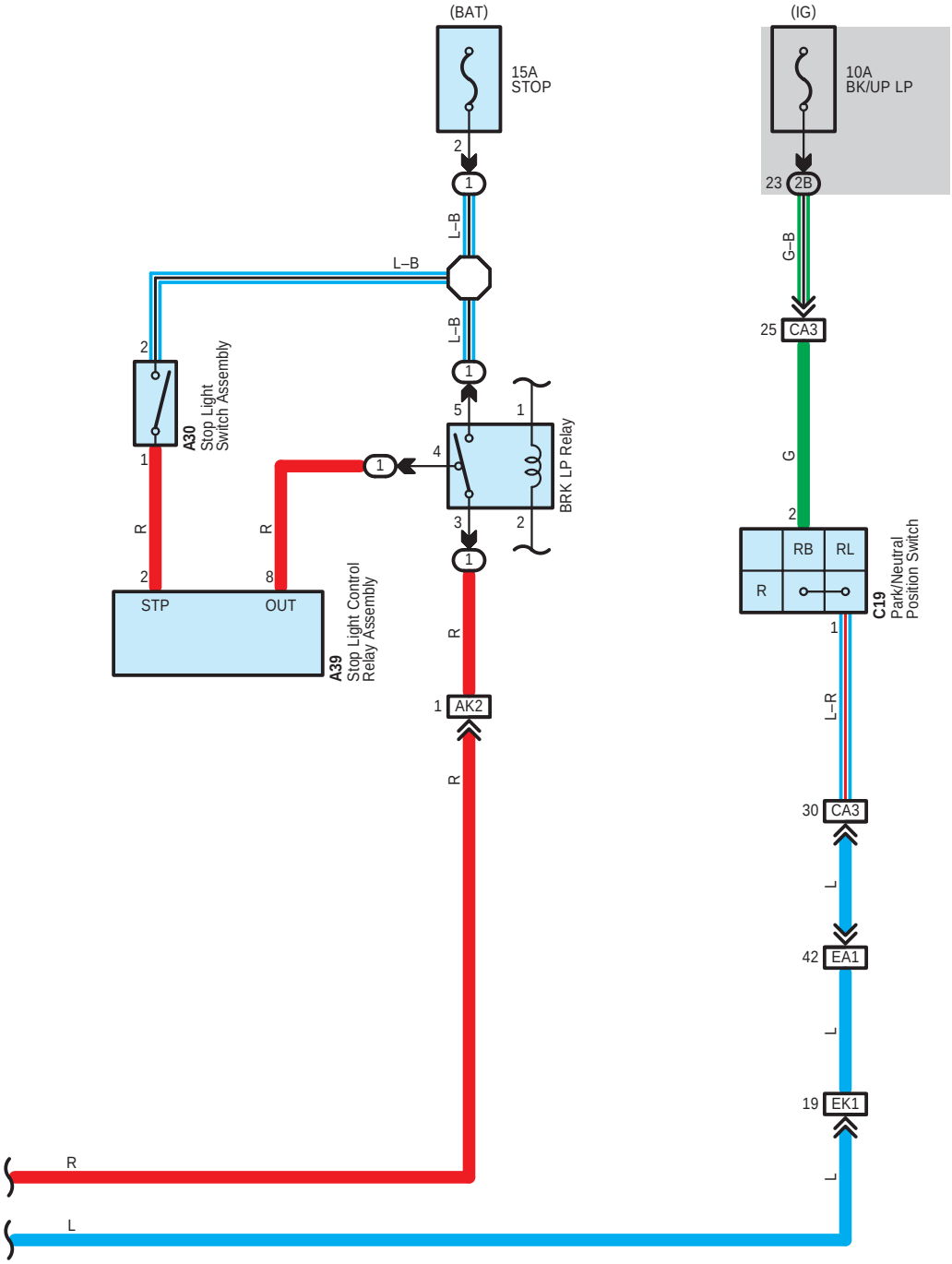

IE3
White



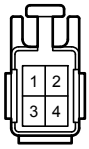

IE6
White



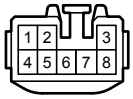

(BAT)
150A
LH–J/B
1 1I
B
1 2A
TAIL Relay
15A
TAIL
8 2B
G
(BAT)
30A
TOWING
2
1
R–B
11 AK2
R
4
+B
(BAT)
40A
SUB BATT
2
1
L
1 AK3
L
7
BATT
(IG)
5A
LH–IG
55 2D
G
100
E58
Junction
Connector
50
G
65
E59
Junction
Connector
64
G
16 EK1
G
5
IG
K25
Towing
Converter
TAIL
STTR
STTL
GND
B/UP
BRK
6
G
10
R
9 KL1
R
44 EL1
R
12 A
7 B
R
2
LR
1
L
18 EK1
L
7 A
11 B
L
3
LL
E64(A), E65(B)
Junction
Connector
8
W–B
K2
3
L
2
R
R
L
E19
Turn Signal Flasher Assembly


(BAT)
15A
STOP
2
1
L–B
L–B
L–B
2
A30
Stop Light
Switch Assembly
1
R
2
STP
R
8
OUT
A39
Stop Light Control
Relay Assembly
1
5
1
4
3
2
BRK LP Relay
1
R
1
AK2
R
R
L
(IG)
10A
BK/UP LP
23
2B
G–B
25
CA3
G
2
RB
RL
R
C19
Park/Neutral
Position Switch
1
L–R
30
CA3
L
42
EA1
L
19
EK1
L

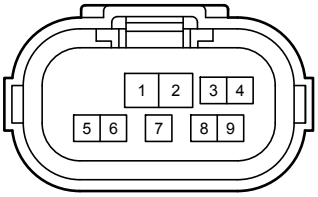
A 30
Gray



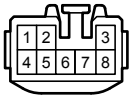

A 39
Black



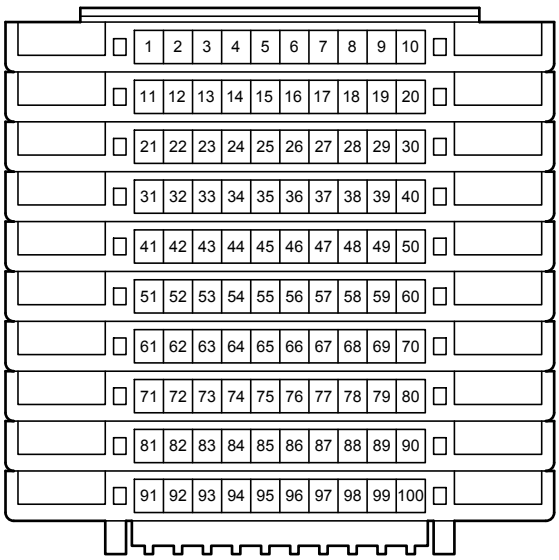

C 19
Gray



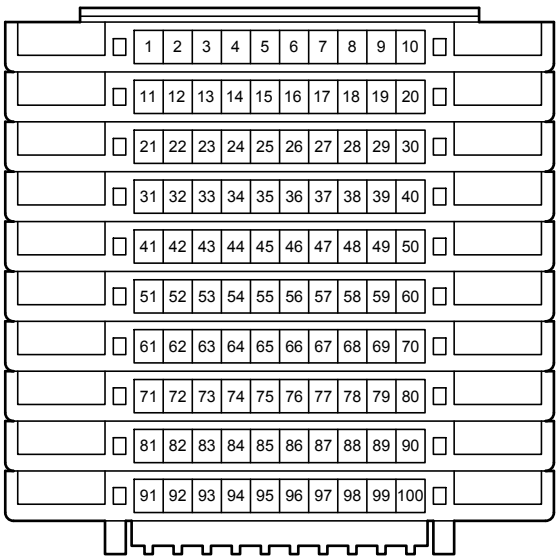

E 19
Black



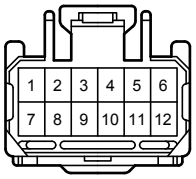

E 58
White



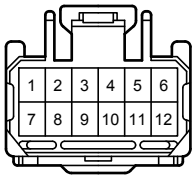

E 59
White



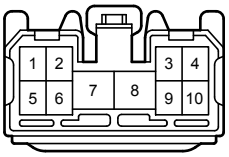

E 64
Black



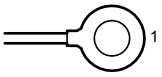

E 65
Black



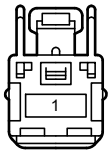

K 25
White



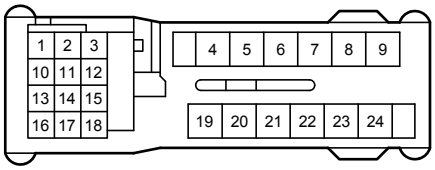

1I



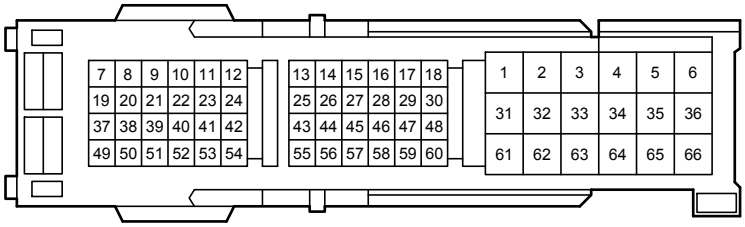

2A
White



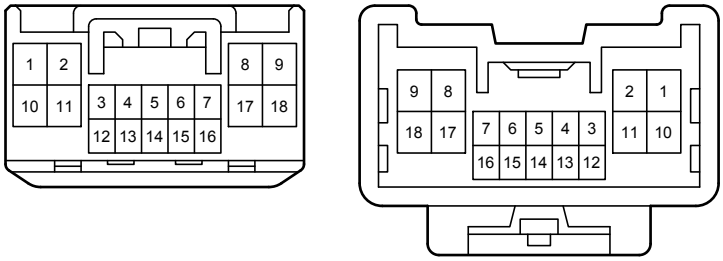

2B
White



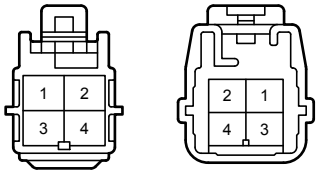

2D
White



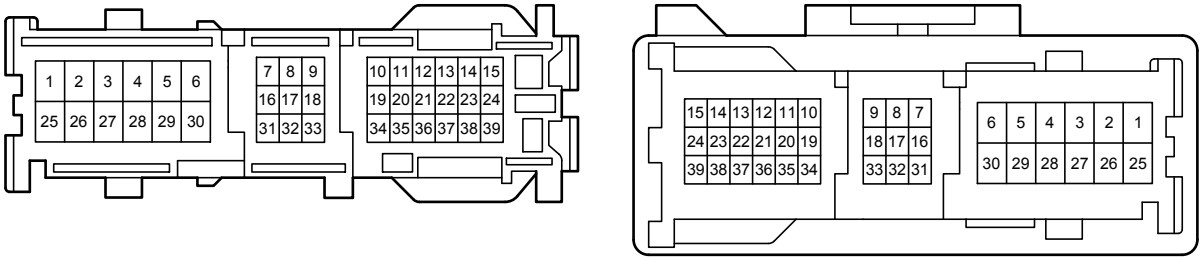
AK2
Gray



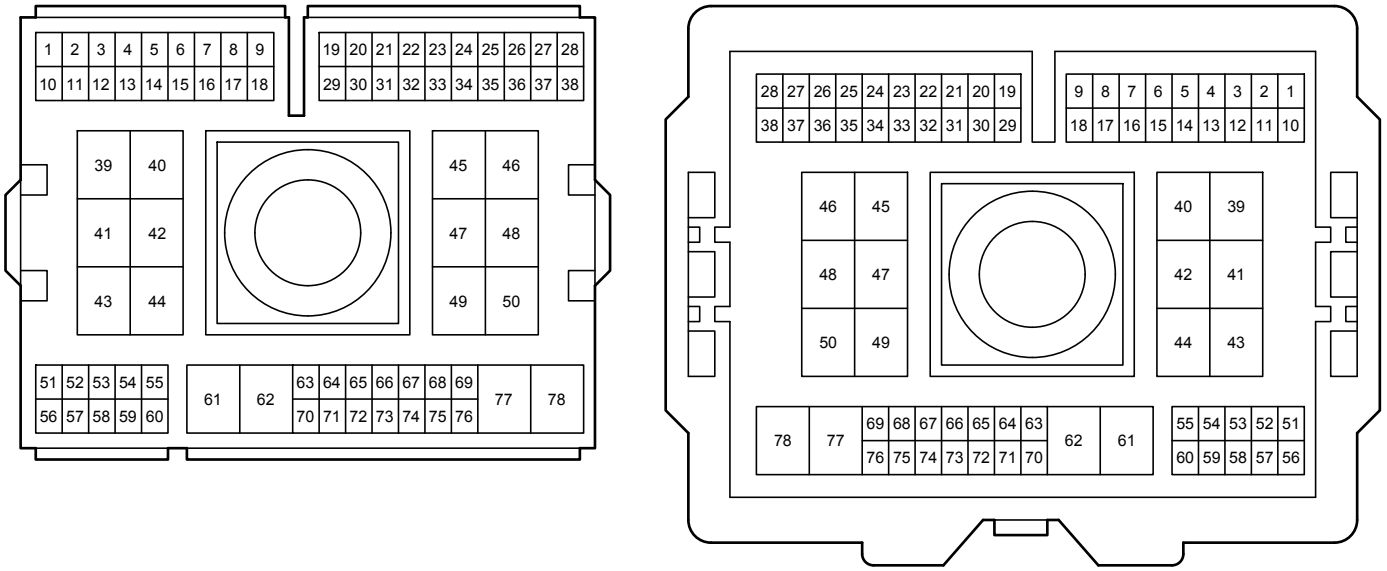

AK3
White




CA3
White

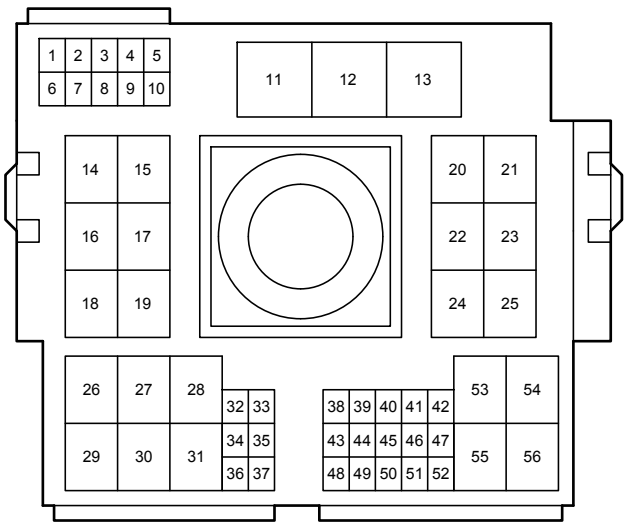



EA1
White

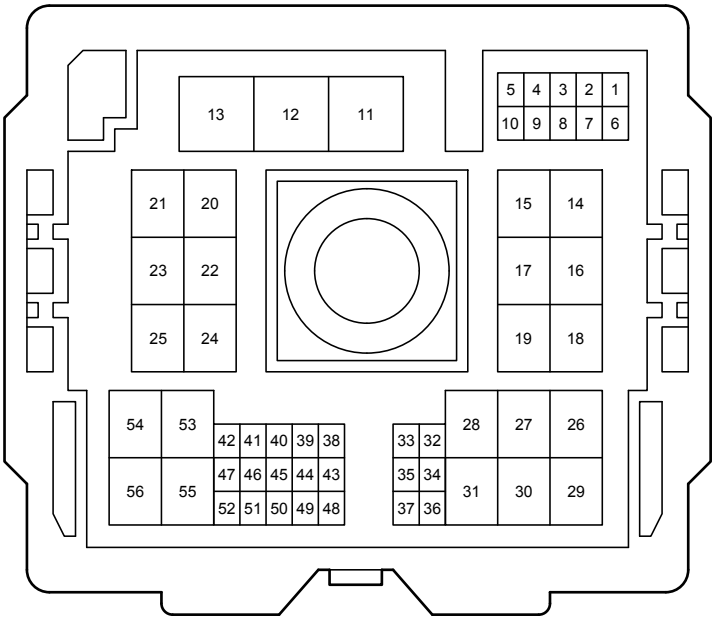


EK1

White

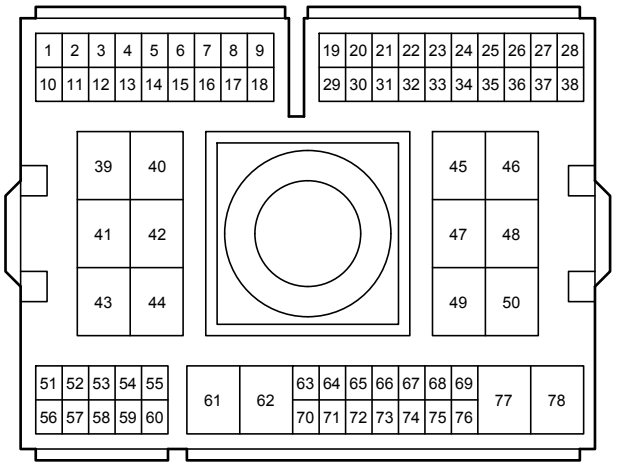


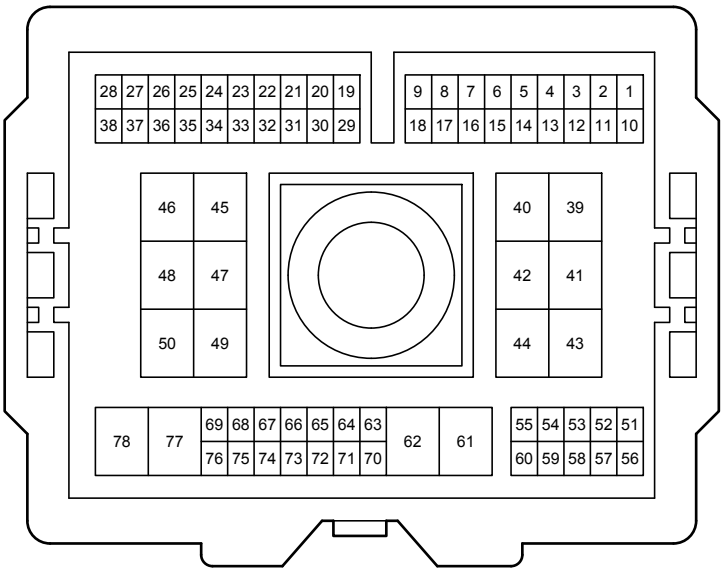

Blue




EL1

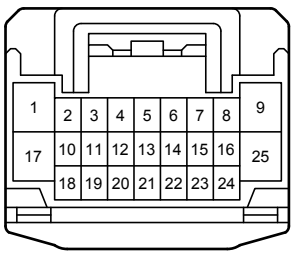
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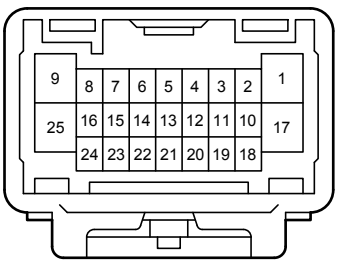


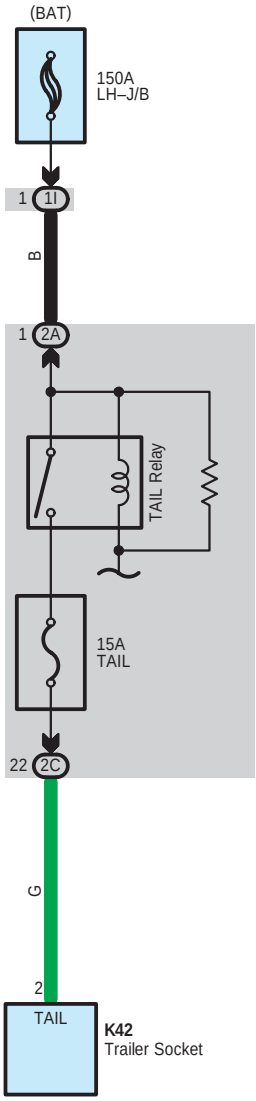



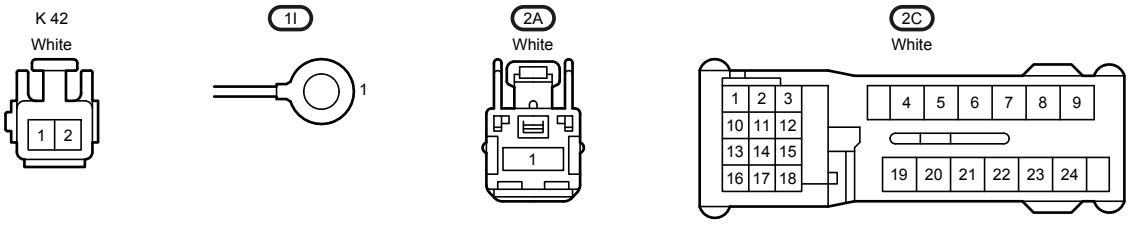

KL1

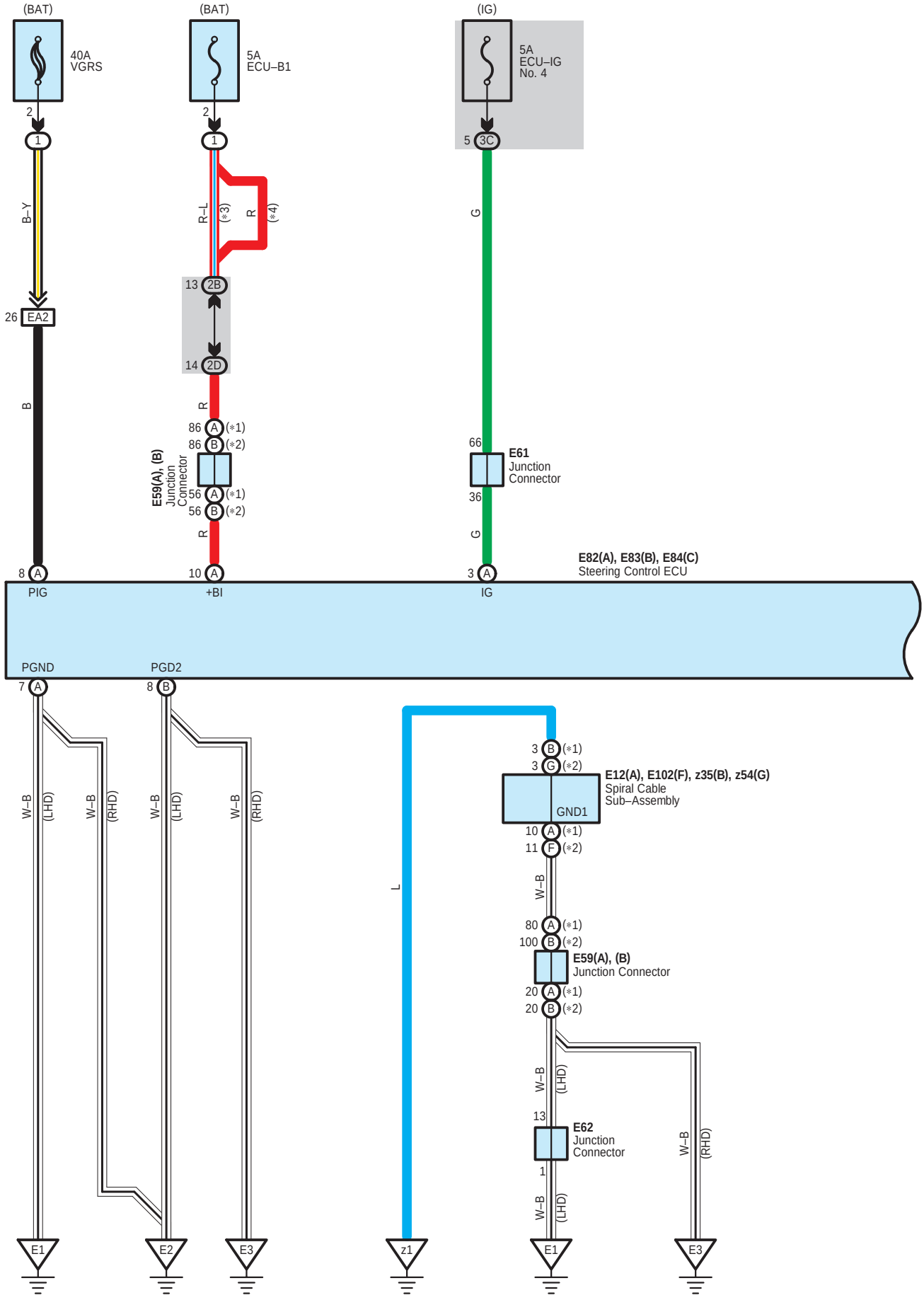
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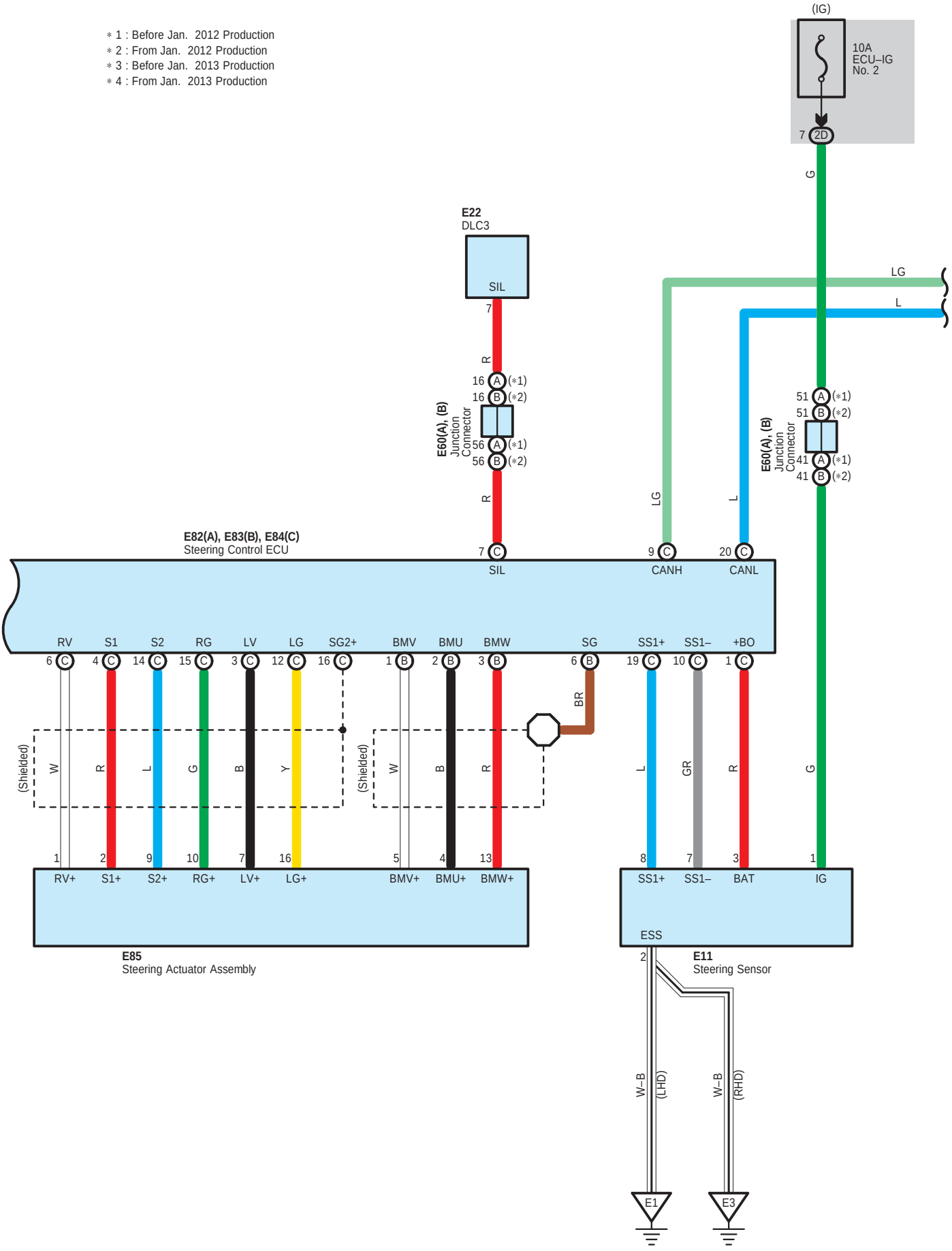


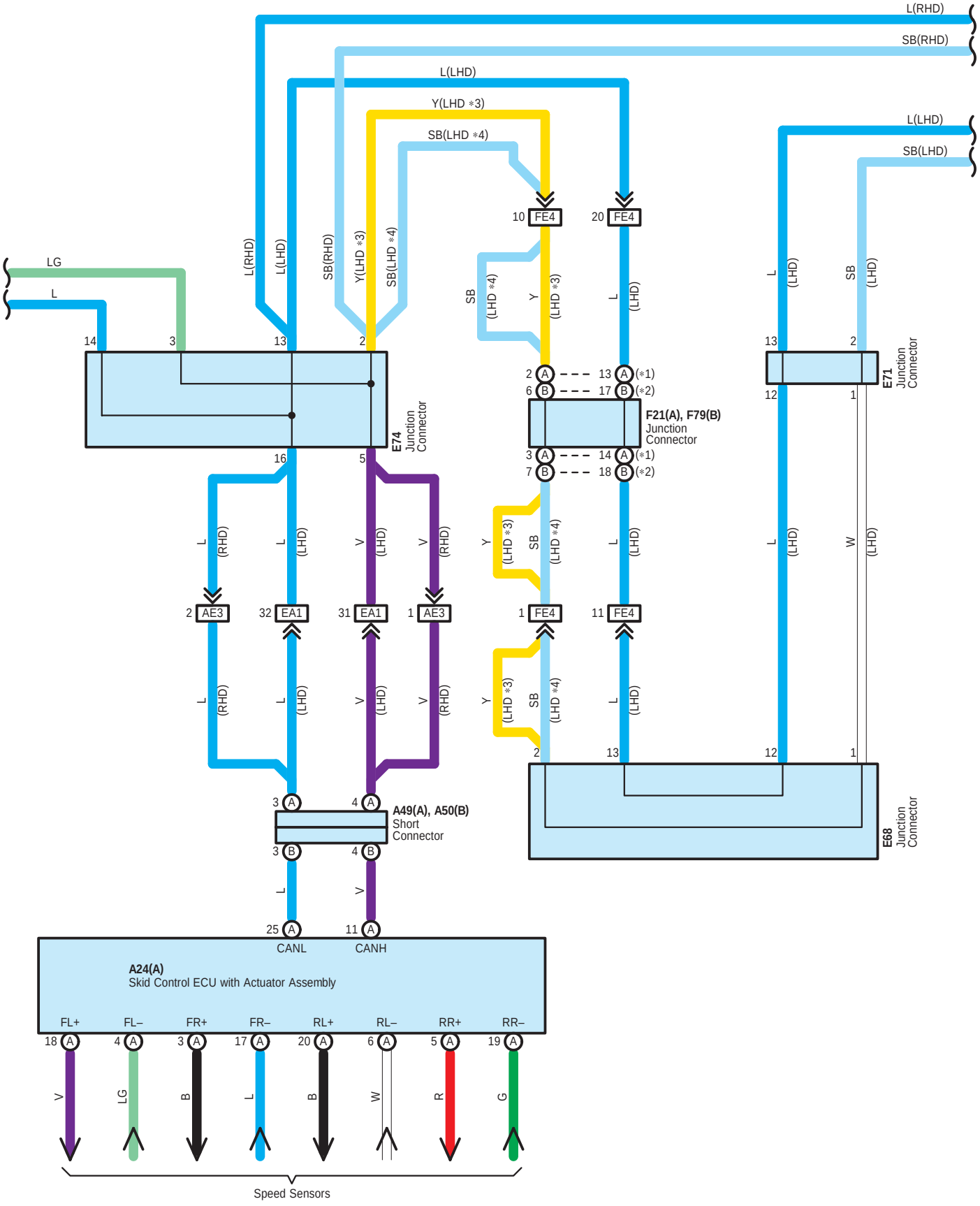



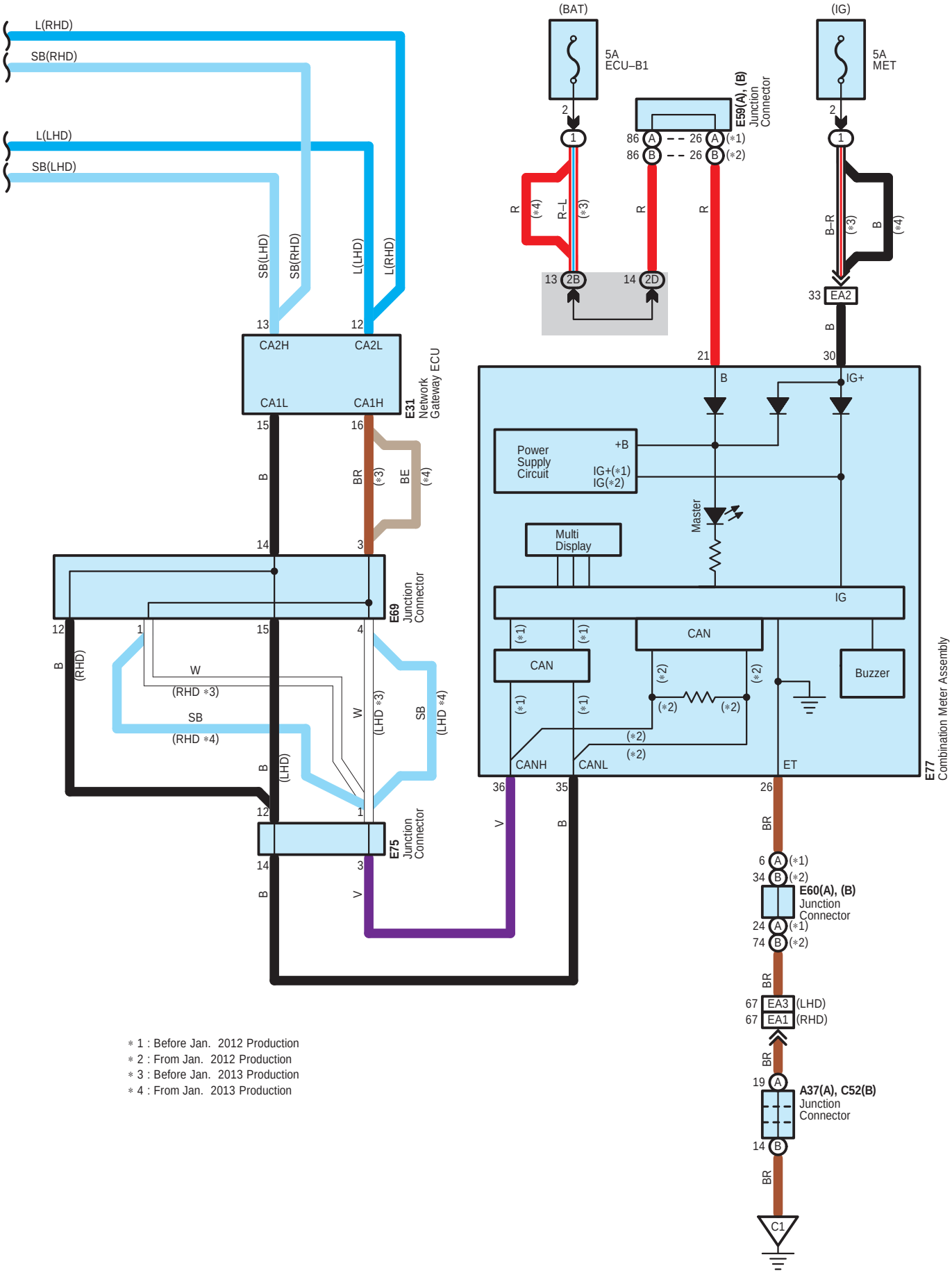

(BAT)
150A
LH–J/B
1
1I
B
1
2A
TAIL Relay
15A
TAIL
22
2C
G
2
TAIL
K42
Trailer Socket


K 42
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
(*3)
R
(*4)
13 2B
14 2D
R
86 A (*1)
86 B (*2)
E59(A), (B)
Junction
Connector
56 A (*1)
56 B (*2)
R
10 A
+BI
(IG)
5A
ECU–IG
No. 4
5 3C
G
66
E61
Junction
Connector
36
G
3 A
IG
E82(A), E83(B), E84(C)
Steering Control ECU
PGND
7 A
PGD2
8 B
W–B
(LHD)
W–B
(RHD)
W–B
(LHD)
W–B
(RHD)
E1
E2
E3
L
z1
3 B (*1)
3 G (*2)
E12(A), E102(F), z35(B), z54(G)
Spiral Cable
Sub–Assembly
GND1
10 A (*1)
11 F (*2)
W–B
80 A (*1)
100 B (*2)
E59(A), (B)
Junction Connector
20 A (*1)
20 B (*2)
W–B
(LHD)
13
E62
Junction
Connector
1
W–B
(LHD)
W–B
(RHD)
E1
E3

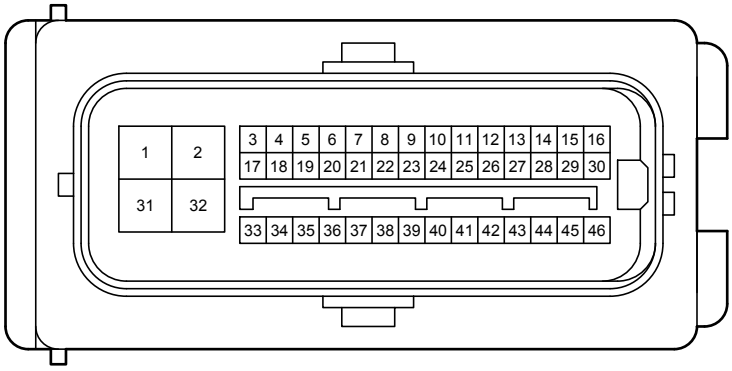

* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production
* 3 : Before Jan. 2013 Production
* 4 : From Jan. 2013 Production
(IG)
10A
ECU–IG
No. 2
7 2D
G
E22
DLC3
SIL
7
R
16 A (*1)
16 B (*2)
E60(A), (B)
Junction
Connector
56 A (*1)
56 B (*2)
R
7 C
SIL
LG
L
9 C
CANH
20 C
CANL
51 A (*1)
51 B (*2)
41 A (*1)
41 B (*2)
E82(A), E83(B), E84(C)
Steering Control ECU
RV S1 S2 RG LV LG SG2+ BMV BMU BMW SG SS1+ SS1– +BO
6 C 4 C 14 C 15 C 3 C 12 C 16 C 1 B 2 B 3 B 6 B 19 C 10 C 1 C
BR
(Shielded)
W R L G B Y
(Shielded)
W B R
L GR R G
1 2 9 10 7 16 5 4 13 8 7 3 1
RV+ S1+ S2+ RG+ LV+ LG+ BMV+ BMU+ BMW+ SS1+ SS1– BAT IG
E85
Steering Actuator Assembly
ESS
2
E11
Steering Sensor
W–B (LHD)
W–B (RHD)
E1
E3


L(RHD)
SB(RHD)
L(LHD)
Y(LHD *3)
SB(LHD *4)
LG
L
14
3
13
2
E74
Junction
Connector
16
5
10 FE4
20 FE4
2 A
6 B
13 A (*1)
17 B (*2)
F21(A), F79(B)
Junction
Connector
3 A
7 B
14 A (*1)
18 B (*2)
L (RHD)
L (LHD)
V (LHD)
V (RHD)
Y (LHD *3)
SB (LHD *4)
2 AE3
32 EA1
31 EA1
1 AE3
1 FE4
11 FE4
3 A
4 A
A49(A), A50(B)
Short
Connector
3 B
4 B
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(LHD)
SB(LHD)
13
2
12
1
E71
Junction
Connector
W (LHD)
E68
Junction
Connector

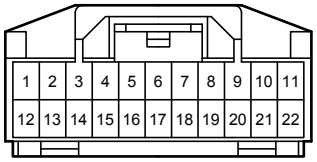



* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production
* 3 : Before Jan. 2013 Production
* 4 : From Jan. 2013 Production

A 24
Black



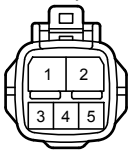

A 37
Blue



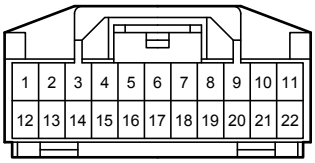

A 49
Gray



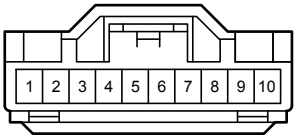

A 50
Gray



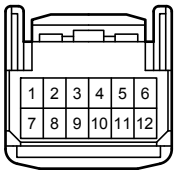

C 52
Blue



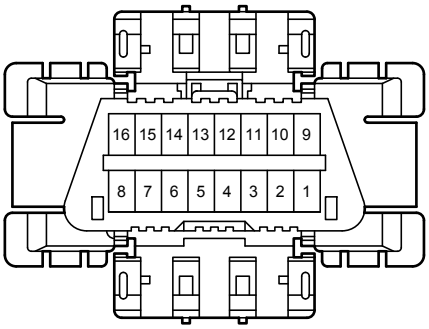

E 11
Gray



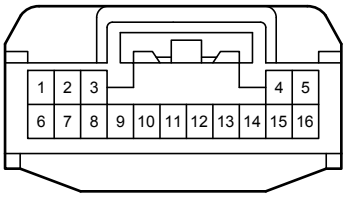

E 12
Black



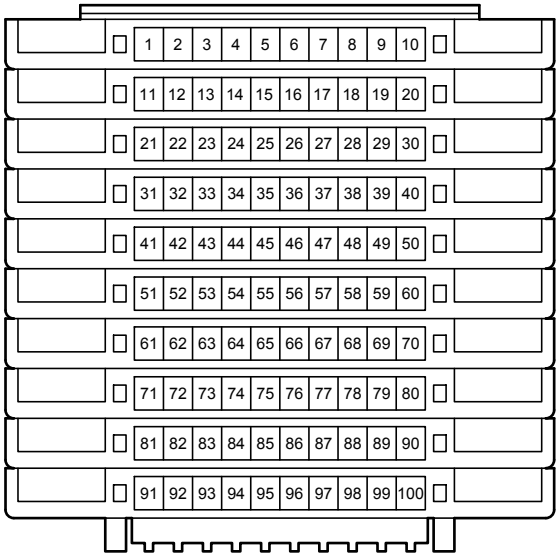

E 22
White



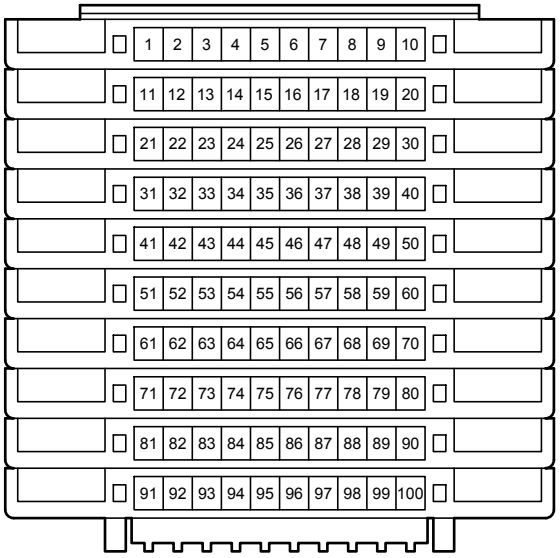

E 31
White



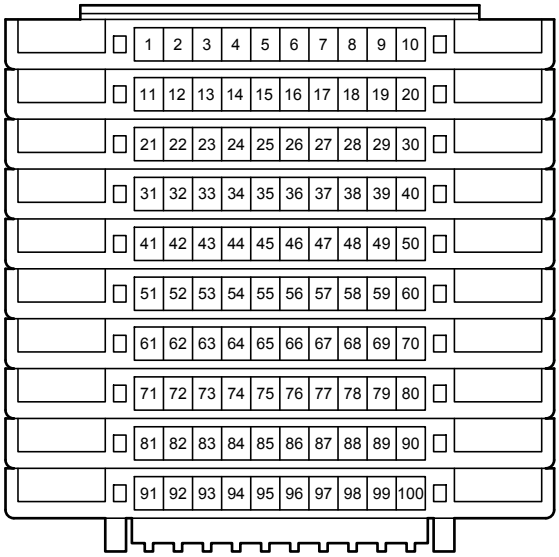

E 59
White



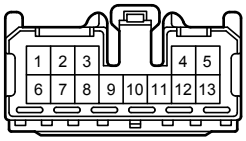

E 60
White



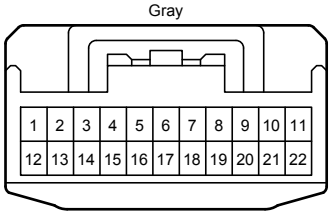
E 61
White



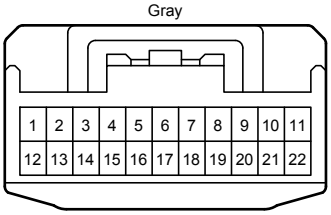

E 62
White



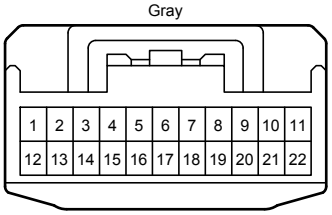

E 68
Gray



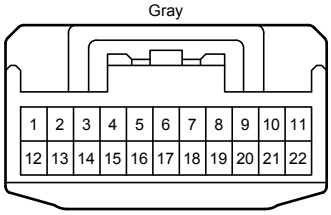

E 69
Gray



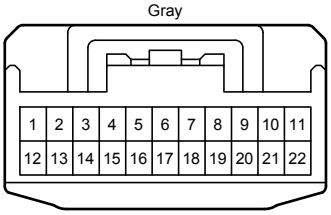

E 71
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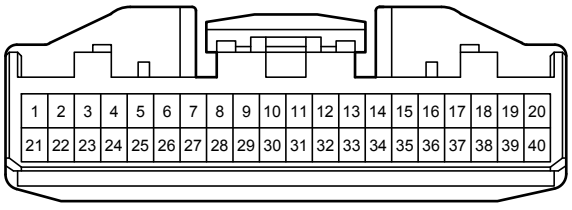

E 74
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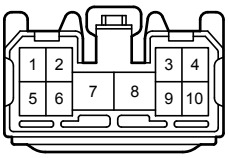

E 75
Gray



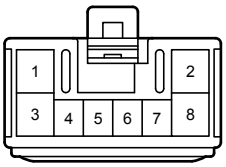

E 77
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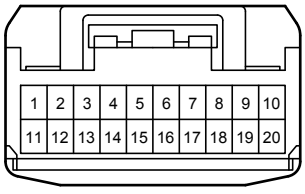

E 82
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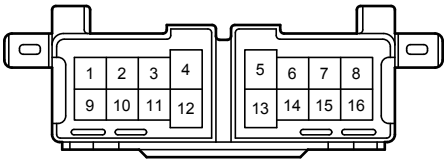

E 83
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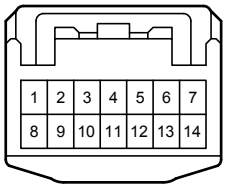

E 84
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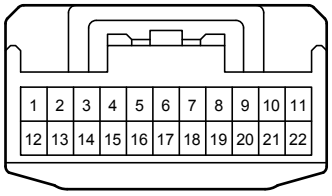

E 85
White



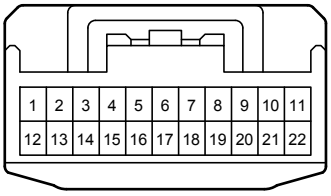

E102
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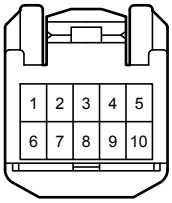
F 21
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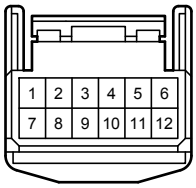

F 79
White



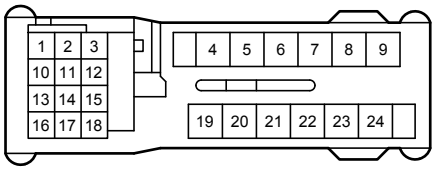

z 35
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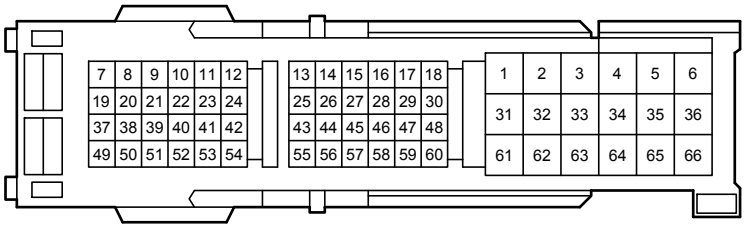

z 54
Black



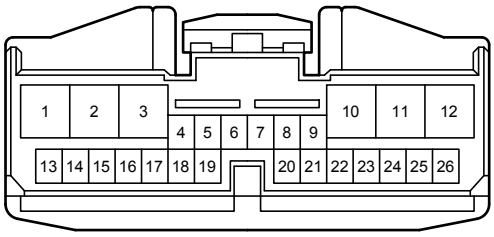

2B
White



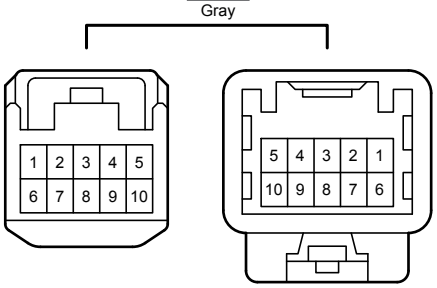

2D
White




3C
White

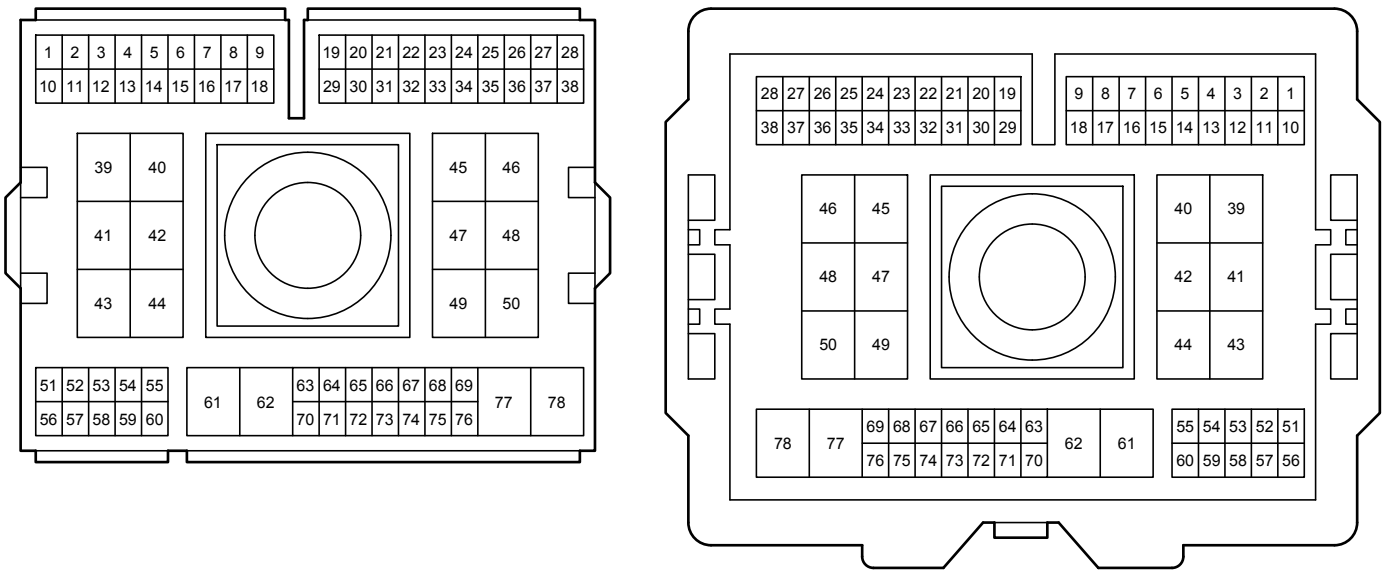



AE3
Gray



EA1

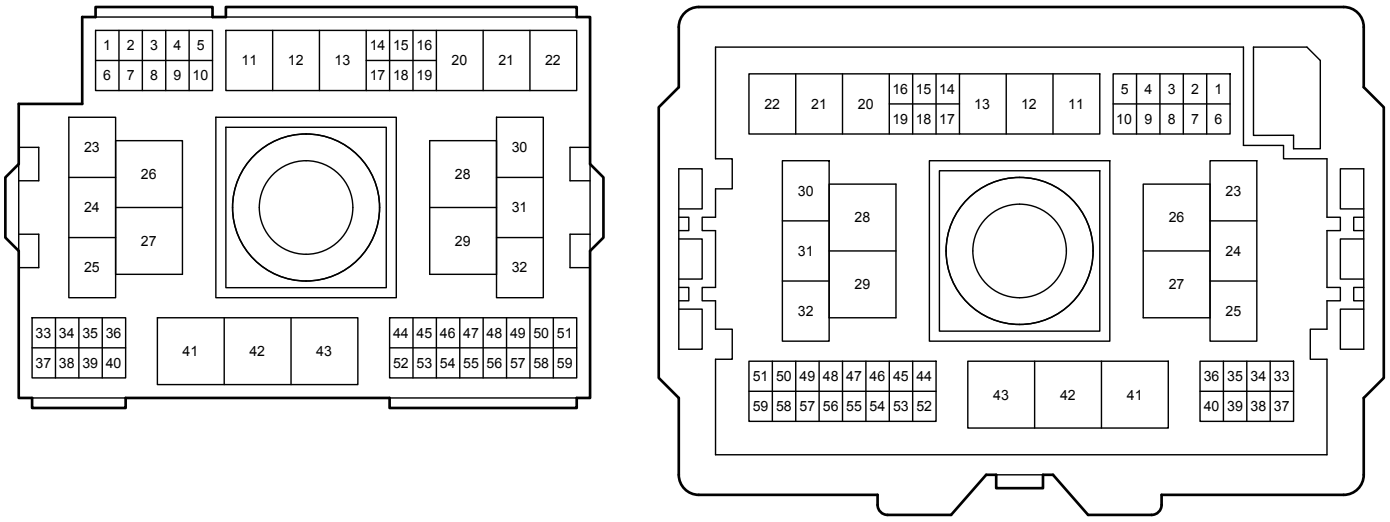
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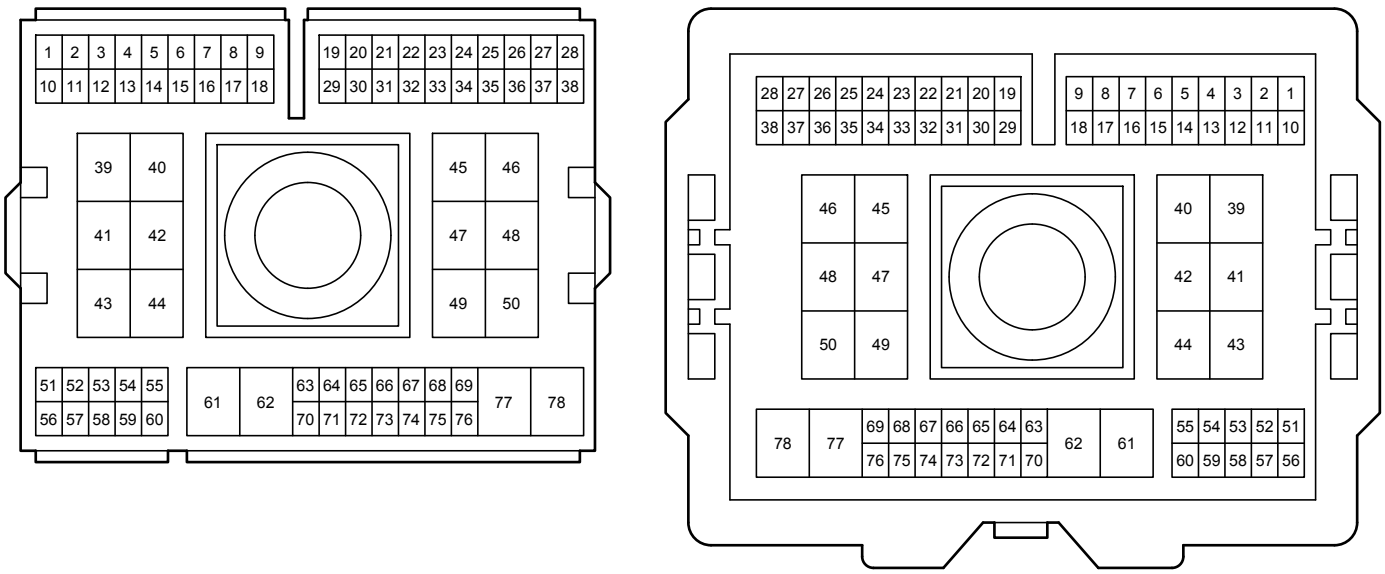

EA2

White

Gray



EA3
White




FE4
White

