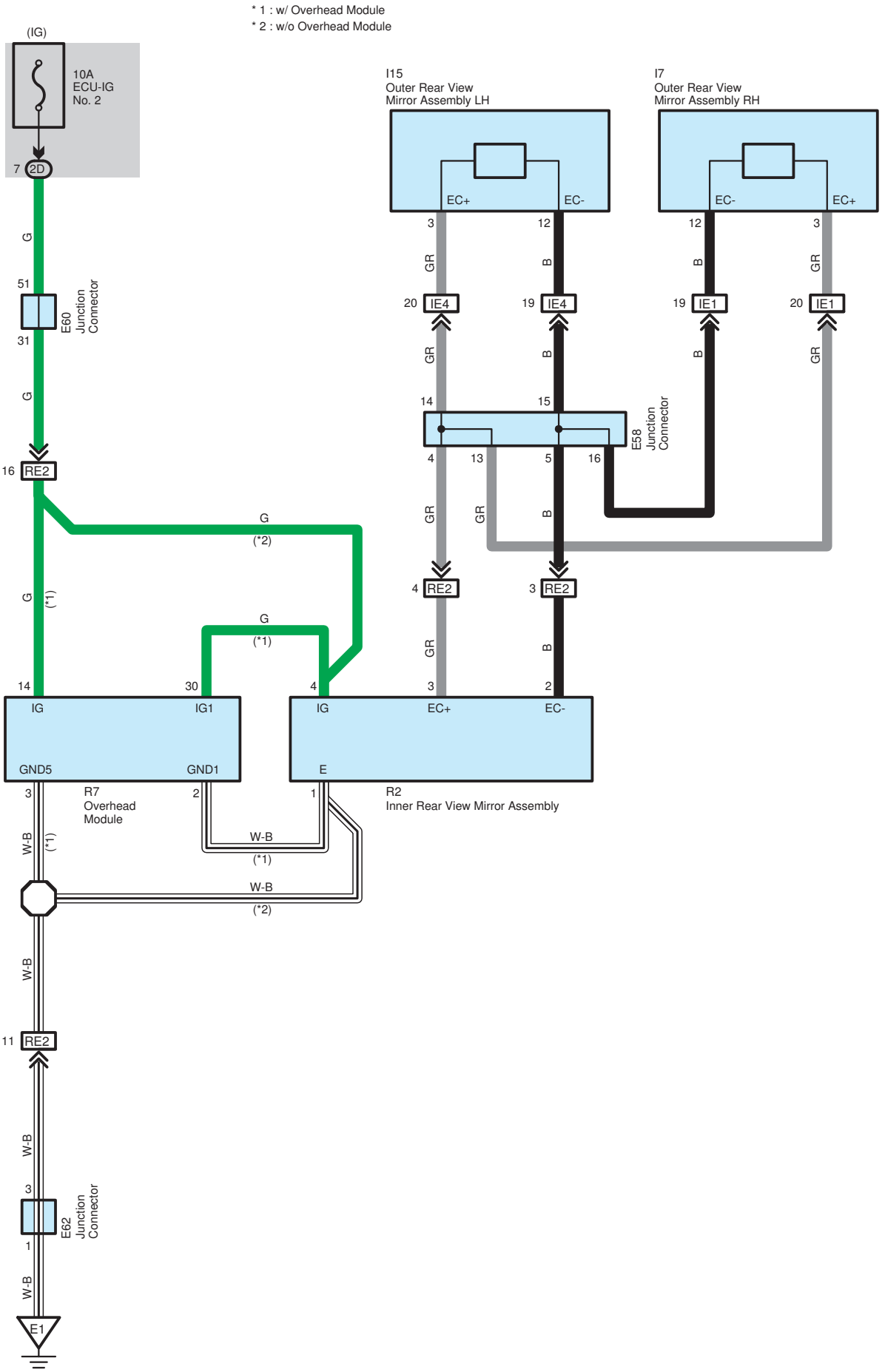

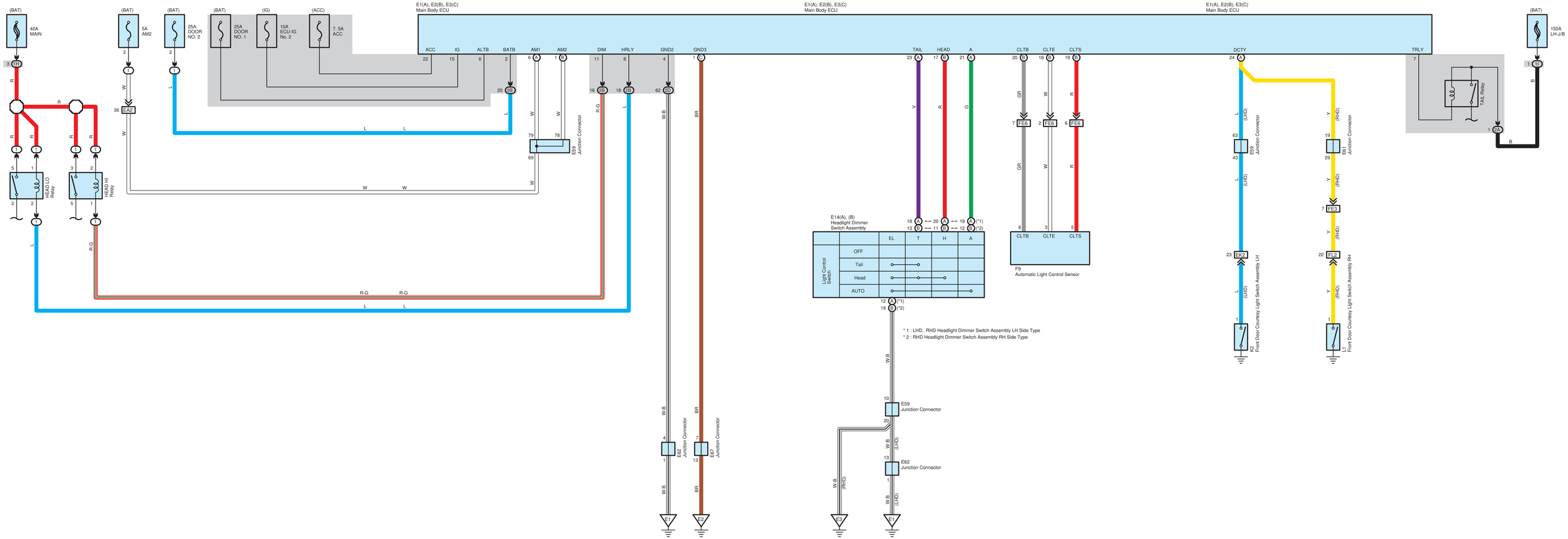
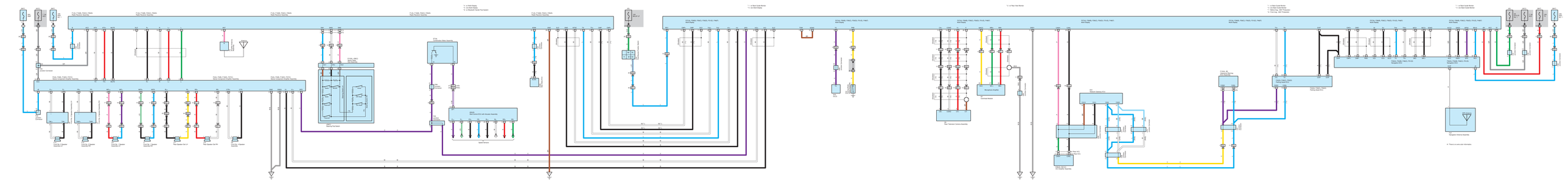


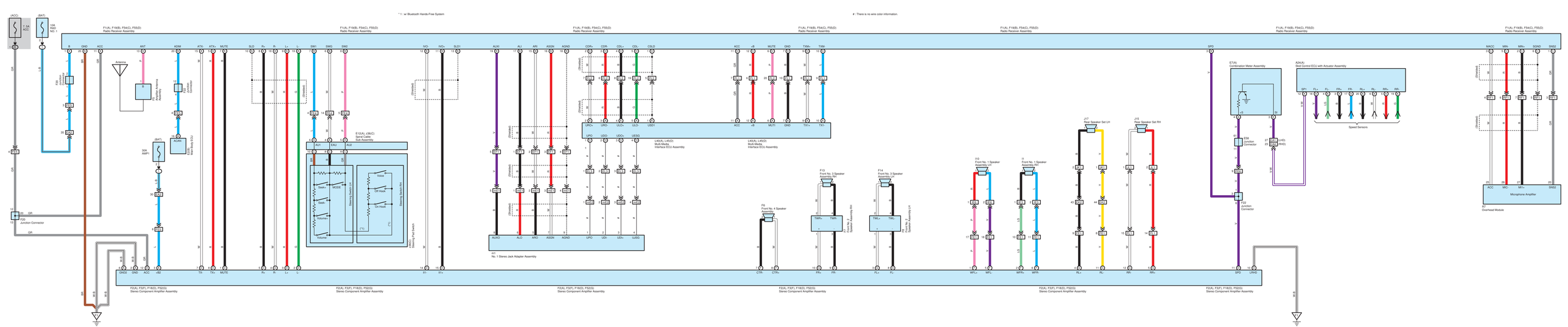

* 1 : w/ Overhead Module
* 2 : w/o Overhead Module
(IG)
10A
ECU-IG
No. 2
7
2D
G
51
E60
Junction
Connector
31
G
16
RE2
G
(*2)
G
(*1)
G
(*1)
14
IG
30
IG1
GND5
GND1
3
W-B
(*1)
R7
Overhead
Module
2
1
W-B
(*1)
W-B
(*2)
W-B
11
RE2
W-B
3
E62
Junction
Connector
1
W-B
E1
I15
Outer Rear View
Mirror Assembly LH
EC+
EC-
3
GR
12
B
20
IE4
19
IE4
GR
B
14
15
E58
Junction
Connector
4
13
5
16
GR
GR
B
4
RE2
3
RE2
GR
B
4
IG
3
EC+
2
EC-
E
R2
Inner Rear View Mirror Assembly
I7
Outer Rear View
Mirror Assembly RH
EC-
EC+
12
B
19
IE1
B
3
GR
20
IE1
GR

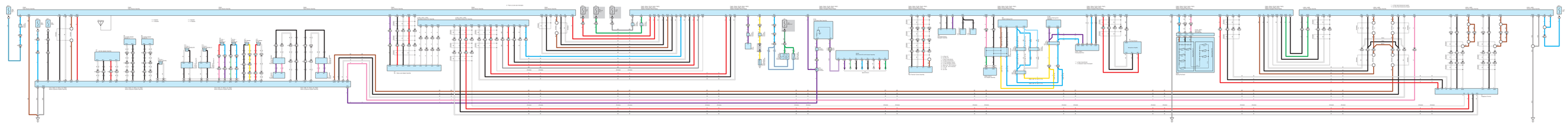


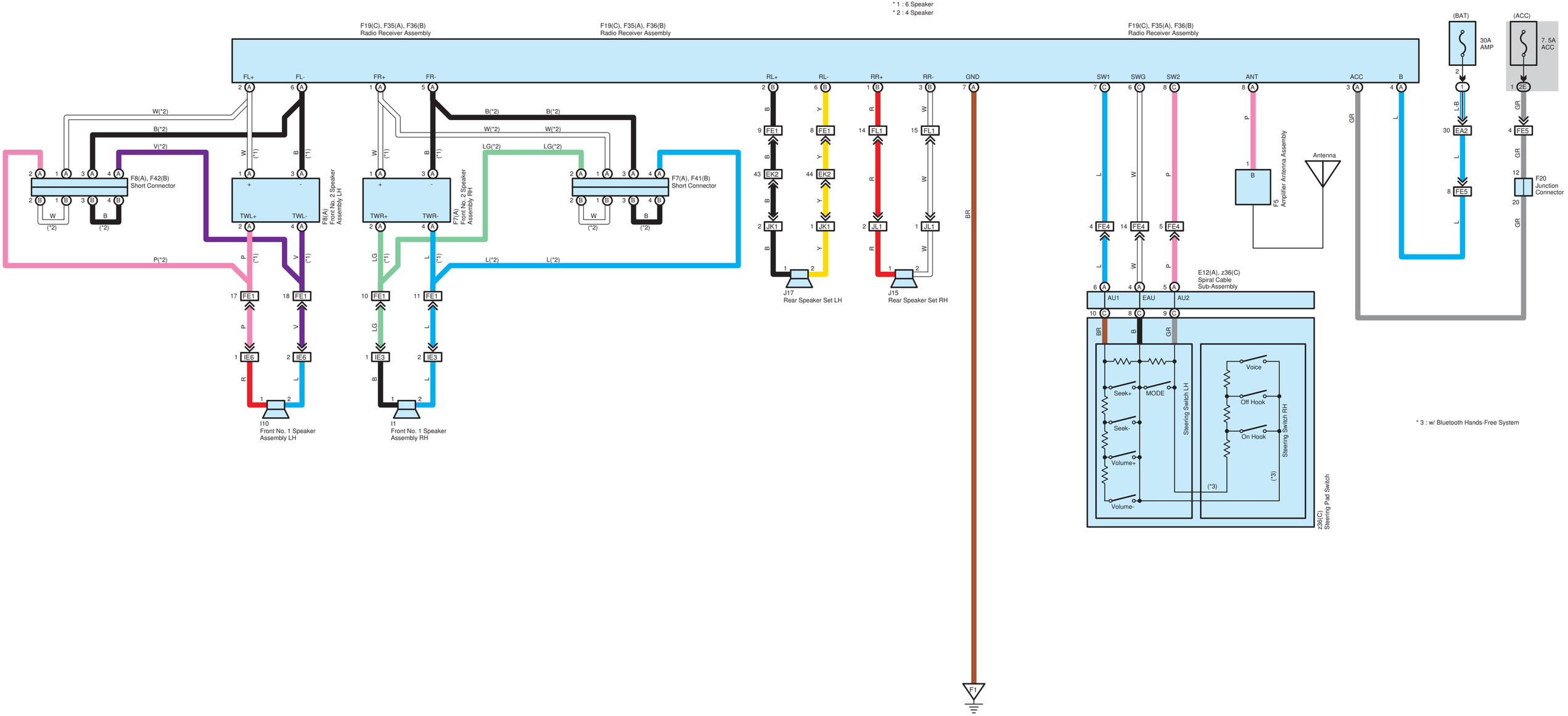
* 1 : Before Jul. 2009 Production
* 2 : From Jul. 2009 Production
(BAT) 60A AHC
(BAT) 20A AHC-B
(BAT) 10A AHC-B No. 2
(IG) 5A ECU-IG No. 4
E61 Junction Connector
AHC Relay
L36 Height Control Pump and Motor Assembly
A34 Junction Connector
N5 Rear Height Control Sensor Sub-Assembly RH
N7 Rear Height Control Sensor Sub-Assembly LH
N12 Front Shock Absorber Control Valve Assembly LH
N10 Front Shock Absorber Control Valve Assembly RH
N4 No. 1 Height Control Valve Assembly
K29(B), K39(C) Junction Connector
K34(A), K35(B), K36(C) Suspension Control ECU
z34 Front Height Control Sensor Sub-Assembly RH
z35 Front Height Control Sensor Sub-Assembly LH
V4 Suspension Control Switch
Height Control Switch
Height Control Off Switch
TEMS Switch
E66 Junction Connector
i2 Pressure Accumulator Sensor
i1 Fuel Temperature Sensor
L35 Acceleration Sensor RH
K37 Acceleration Sensor LH
N8 Rear Shock Absorber Assembly LH
N9 Front Shock Absorber Assembly RH
N11 Front Shock Absorber Assembly LH
N6 Rear Shock Absorber Assembly RH
E74 Junction Connector
E11 Steering Sensor
F21 Junction Connector
E68 Junction Connector
E71 Junction Connector
E31 Network Gateway ECU
E69(A), (B) Junction Connector
E75 Junction Connector
(BAT) 15A STOP
A30 Stop Light Switch Assembly
A24(A) Skid Control ECU with Actuator Assembly
Speed Sensors
(BAT) 5A ECU-B1
(IG) 5A MET
E59 Junction Connector
E7(A) Combination Meter Assembly
Power Supply Circuit
Display
CAN
E60 Junction Connector
A37(A), C44(B) Junction Connector

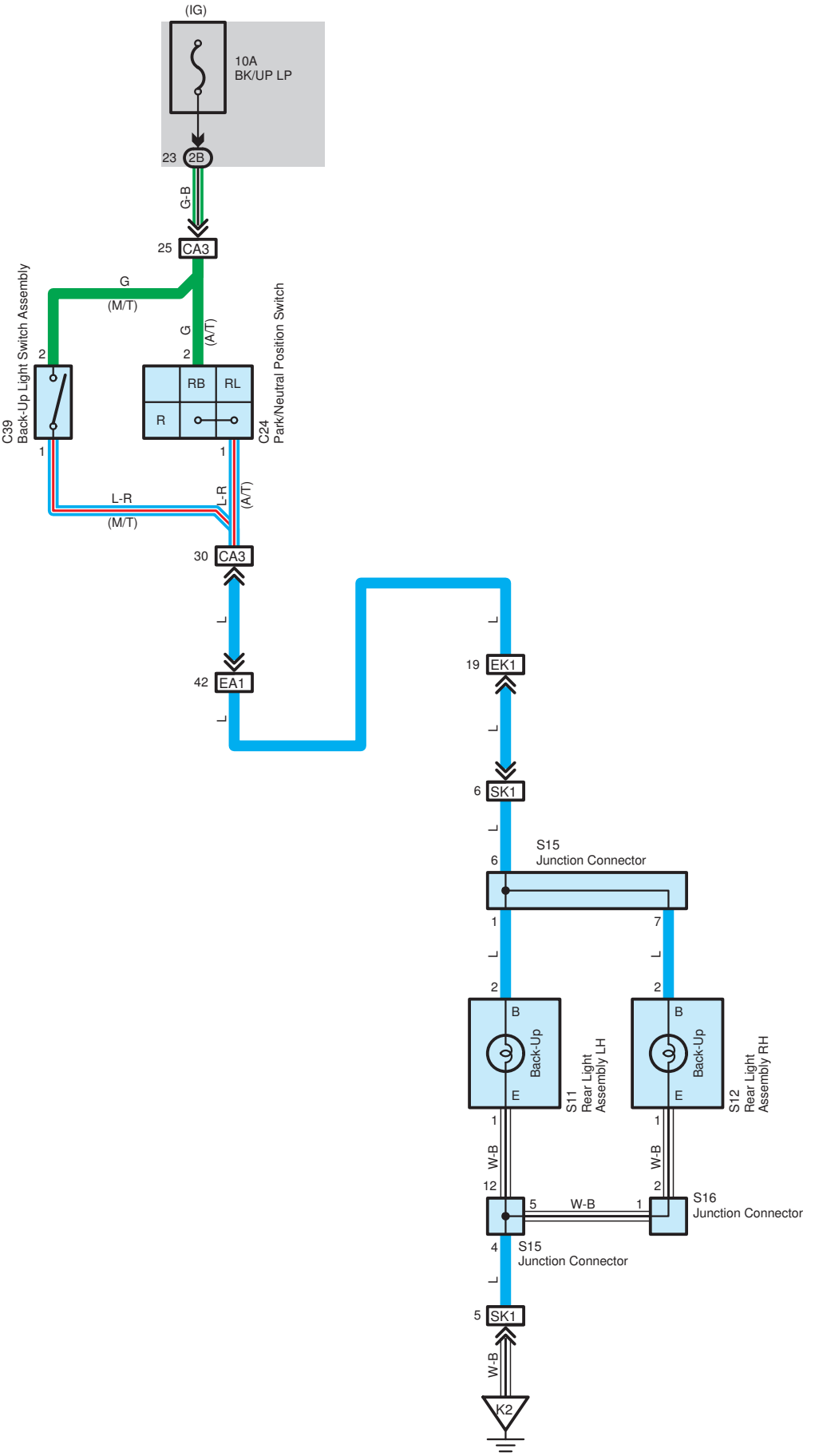

(BAT)
40A MAIN
3 1H
R
R R
R R
1 1
5 1
3 2
HEAD LO Relay
3 2
1
L
R R
3 2
5 1
HEAD HI Relay
1
R-G
(BAT)
5A AM2
2
1
W
36 EA2
W
(BAT)
25A DOOR NO. 2
2
1
L
L
(BAT)
25A DOOR NO. 1
(IG)
10A ECU-IG No. 2
(ACC)
7. 5A ACC
20 2B
L
W
W
W
E1(A), E2(B), E3(C)
Main Body ECU
ACC IG ALTB BATB AM1 AM2 DIM HRLY GND2 GND3
22 15 6 2 6 A 1 B 11 8 4 1 C
79 78
69
E69 Junction Connector
16 2B
18 2B
62 2G
R-G
L
W-B
BR
W-B
BR
E62 Junction Connector
E67 Junction Connector
E1
E2
R-G
R-G
L
L
E1(A), E2(B), E3(C)
Main Body ECU
TAIL HEAD A CLTB CLTE CLTS
23 A 17 B 21 A 20 B 18 B 19 B
V
R
G
GR
W
R
E14(A), (B)
Headlight Dimmer Switch Assembly
18 A -- 20 A -- 19 A (*1)
13 B -- 11 B -- 12 B (*2)
Light Control Switch
EL T H A
OFF
Tail
Head
AUTO
12 A (*1)
19 B (*2)
7 FE6
2 FE6
6 FE6
GR
W
R
6 3 5
CLTB CLTE CLTS
F9
Automatic Light Control Sensor
* 1 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 2 : RHD Headlight Dimmer Switch Assembly RH Side Type
W-B
10
E59 Junction Connector
20
W-B (LHD)
13
E62 Junction Connector
1
W-B (RHD)
W-B (LHD)
E3
E1
E1(A), E2(B), E3(C)
Main Body ECU
DCTY
24 A
L (LHD)
63
43
E59 Junction Connector
L (LHD)
23 EK2
L (LHD)
1
K2
Front Door Courtesy Light Switch Assembly LH
Y (RHD)
19
29
E61 Junction Connector
Y (RHD)
7 FE5
Y (RHD)
22 FL2
Y (RHD)
1
L1
Front Door Courtesy Light Switch Assembly RH
TRLY
7
TAIL Relay
1 2A
B
(BAT)
150A LH-J/B
1 1T
B
B

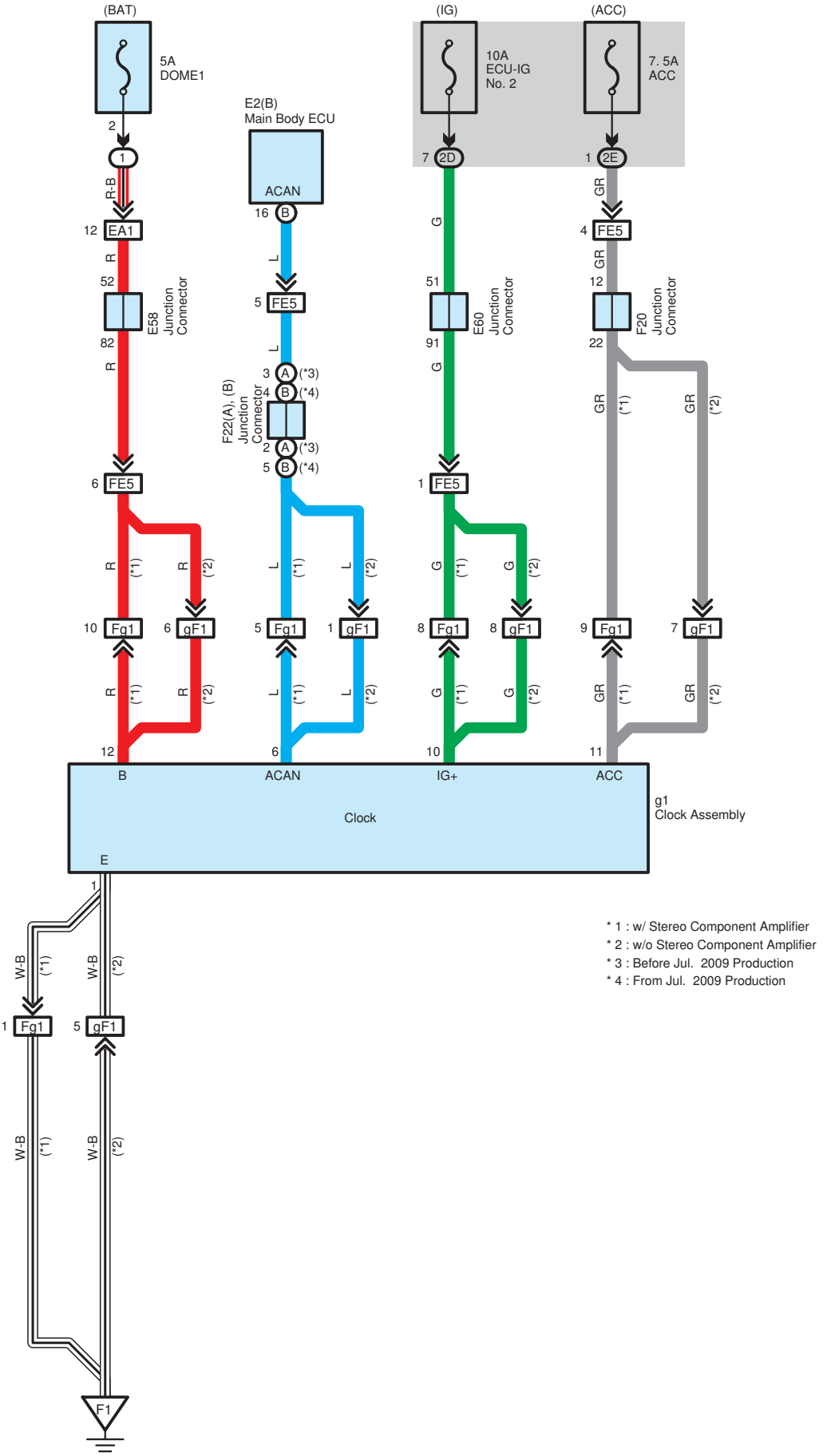


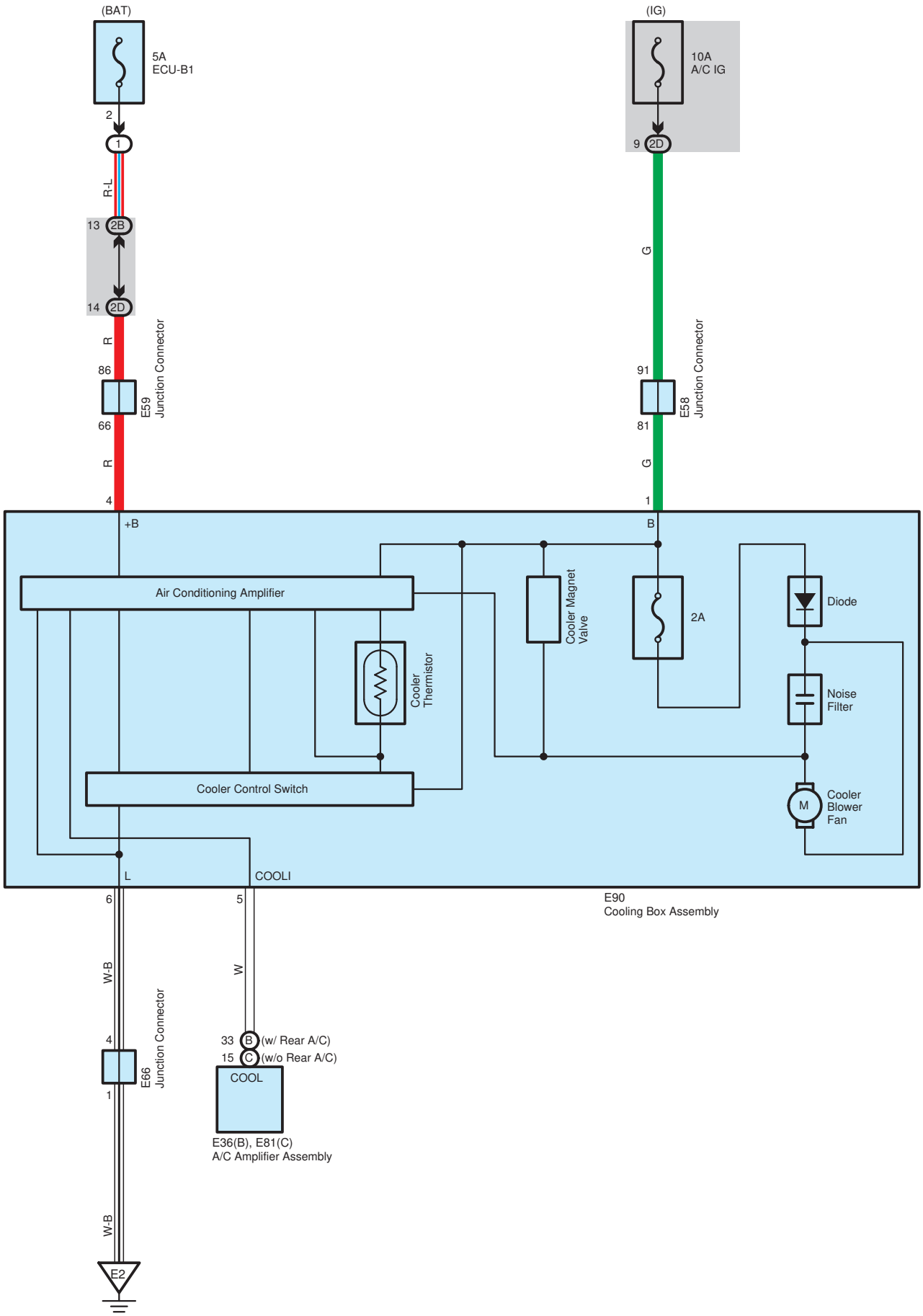

* 1 : w/ Bluetooth Hands-Free System
# : There is no wire color information.
(ACC)
(BAT)
7.5A RADIO NO. 1
10A RAD NO. 1
F1(AL F19(BL,F54(CL,F55(D Radio Receiver Assembly
F2(AL,F3(FL,F18(D),F52(G) Stereo Component Amplifier Assembly
Antenna
Amplifier Antenna Assembly
F29 Junction Connector
E2 Junction Connector
E12(AL,J36(C) Spiral Cable Sub-Assembly
Steering Switch LH
Steering Switch RH
Steering Pad Switch
Seek+
Seek-
MODE
Volume+
Volume-
Voice
Off Hook
On Hook
(*1)
30A ASP1
40(A) Main Body ECU
F30 Junction Connector
L4(AL L45(D) Multi-Media Interface ECU Assembly
F9 Front No. 4 Speaker Assembly
F13 Front No. 3 Speaker Assembly RH
F14 Front No. 3 Speaker Assembly LH
I10 Front No. 1 Speaker Assembly RH
I11 Front No. 2 Speaker Assembly RH
J17 Rear Speaker Set LH
J15 Rear Speaker Set RH
E7(A) Combination Meter Assembly
E58 Junction Connector
E72 Junction Connector
A24(A) Skid Control ECU with Actuator Assembly
Speed Sensors
E7 Overhead Module
Microphone Amplifier
(Shielded)
(Twisted)



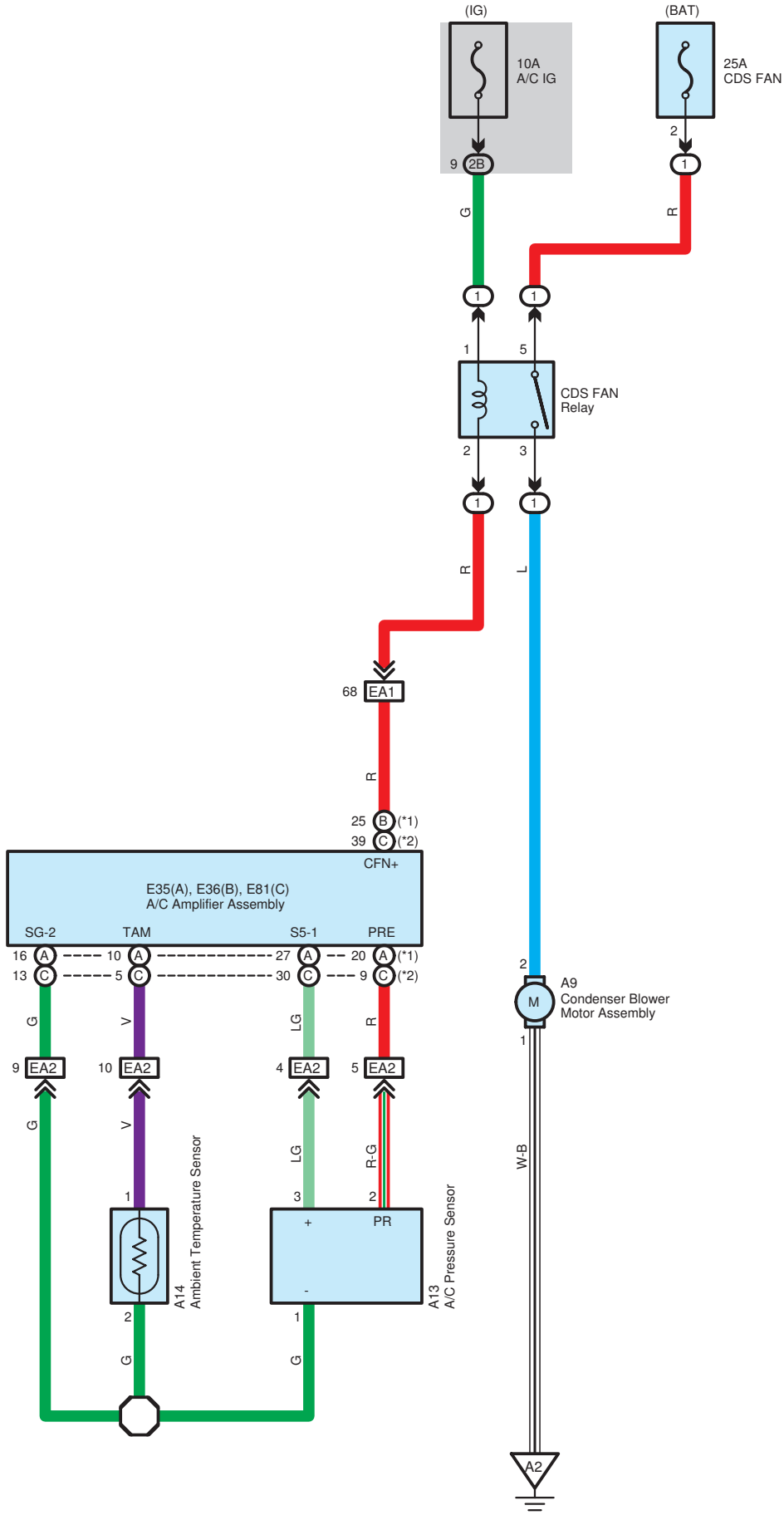

* 1 : 6 Speaker
* 2 : 4 Speaker
F19(C), F35(A), F36(B)
Radio Receiver Assembly
F19(C), F35(A), F36(B)
Radio Receiver Assembly
F19(C), F35(A), F36(B)
Radio Receiver Assembly
FL+
FL-
FR+
FR-
RL+
RL-
RR+
RR-
GND
SW1
SWG
SW2
ANT
ACC
B
(BAT)
(ACC)
30A
AMP
7. 5A
ACC
W(*2)
B(*2)
V(*2)
P(*2)
F8(A), F42(B)
Short Connector
F8(A)
Front No. 2 Speaker
Assembly LH
TWL+
TWL-
F7(A)
Front No. 2 Speaker
Assembly RH
TWR+
TWR-
F7(A), F41(B)
Short Connector
LG(*2)
L(*2)
I10
Front No. 1 Speaker
Assembly LH
I1
Front No. 1 Speaker
Assembly RH
J17
Rear Speaker Set LH
J15
Rear Speaker Set RH
BR
F1
E12(A), z36(C)
Spiral Cable
Sub-Assembly
AU1
EAU
AU2
F5
Amplifier Antenna Assembly
Antenna
F20
Junction
Connector
Voice
Off Hook
On Hook
Seek+
MODE
Seek-
Volume+
Volume-
Steering Switch LH
Steering Switch RH
(*3)
z36(C)
Steering Pad Switch
* 3 : w/ Bluetooth Hands-Free System

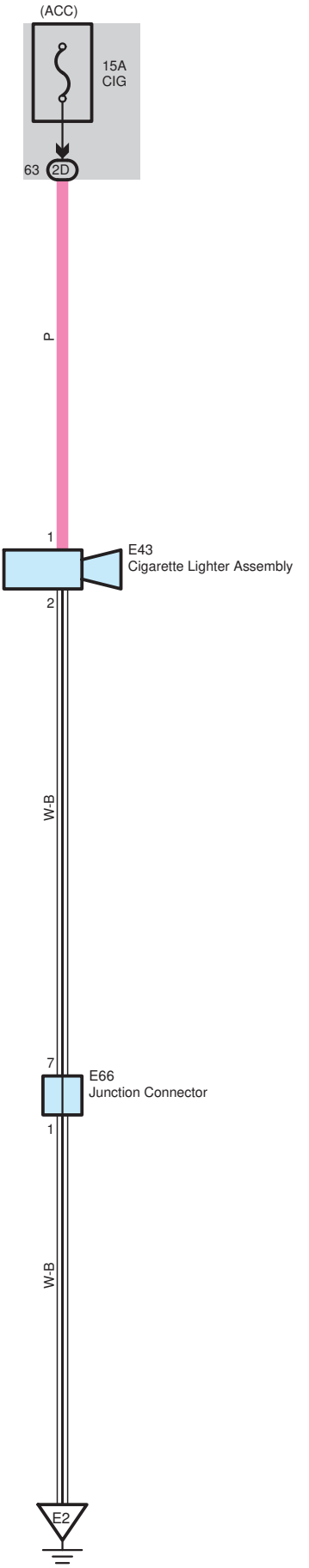

(IG)
10A
BK/UP LP
23
2B
G-B
25
CA3
G
(M/T)
G
(A/T)
2
2
C39
Back-Up Light Switch Assembly
RB
RL
R
C24
Park/Neutral Position Switch
1
1
L-R
(M/T)
L-R
(A/T)
30
CA3
L
42
EA1
L
L
19
EK1
L
6
SK1
L
6
S15
Junction Connector
1
7
L
L
2
2
B
Back-Up
E
S11
Rear Light
Assembly LH
B
Back-Up
E
S12
Rear Light
Assembly RH
1
1
W-B
W-B
12
2
5
W-B
1
S16
Junction Connector
4
S15
Junction Connector
L
5
SK1
W-B
K2

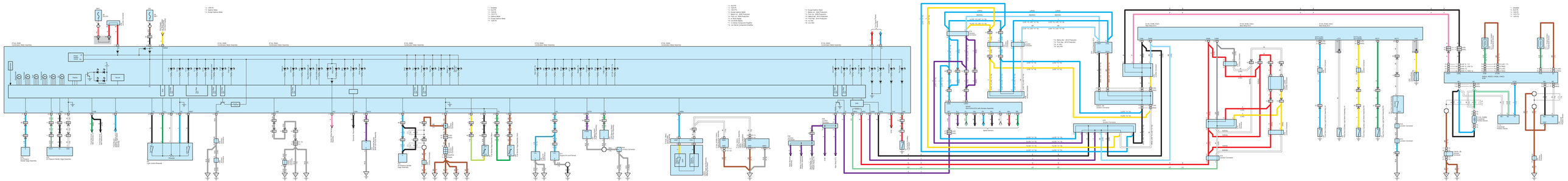

(BAT)
5A
DOME1
2
1
R-B
12
EA1
R
52
82
E58
Junction
Connector
R
6
FE5
R
(*1)
R
(*2)
10
Fg1
6
gF1
R
(*1)
R
(*2)
12
E2(B)
Main Body ECU
ACAN
16
B
L
5
FE5
L
3
A
(*3)
4
B
(*4)
F22(A), (B)
Junction
Connector
2
A
(*3)
5
B
(*4)
L
(*1)
L
(*2)
5
Fg1
1
gF1
L
(*1)
L
(*2)
6
(IG)
10A
ECU-IG
No. 2
7
2D
G
51
91
E60
Junction
Connector
G
1
FE5
G
(*1)
G
(*2)
8
Fg1
8
gF1
G
(*1)
G
(*2)
10
(ACC)
7. 5A
ACC
1
2E
GR
4
FE5
GR
12
22
F20
Junction
Connector
GR
(*1)
GR
(*2)
9
Fg1
7
gF1
GR
(*1)
GR
(*2)
11
B
ACAN
IG+
ACC
Clock
g1
Clock Assembly
E
1
W-B
(*1)
W-B
(*2)
1
Fg1
5
gF1
W-B
(*1)
W-B
(*2)
F1
* 1 : w/ Stereo Component Amplifier
* 2 : w/o Stereo Component Amplifier
* 3 : Before Jul. 2009 Production
* 4 : From Jul. 2009 Production


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

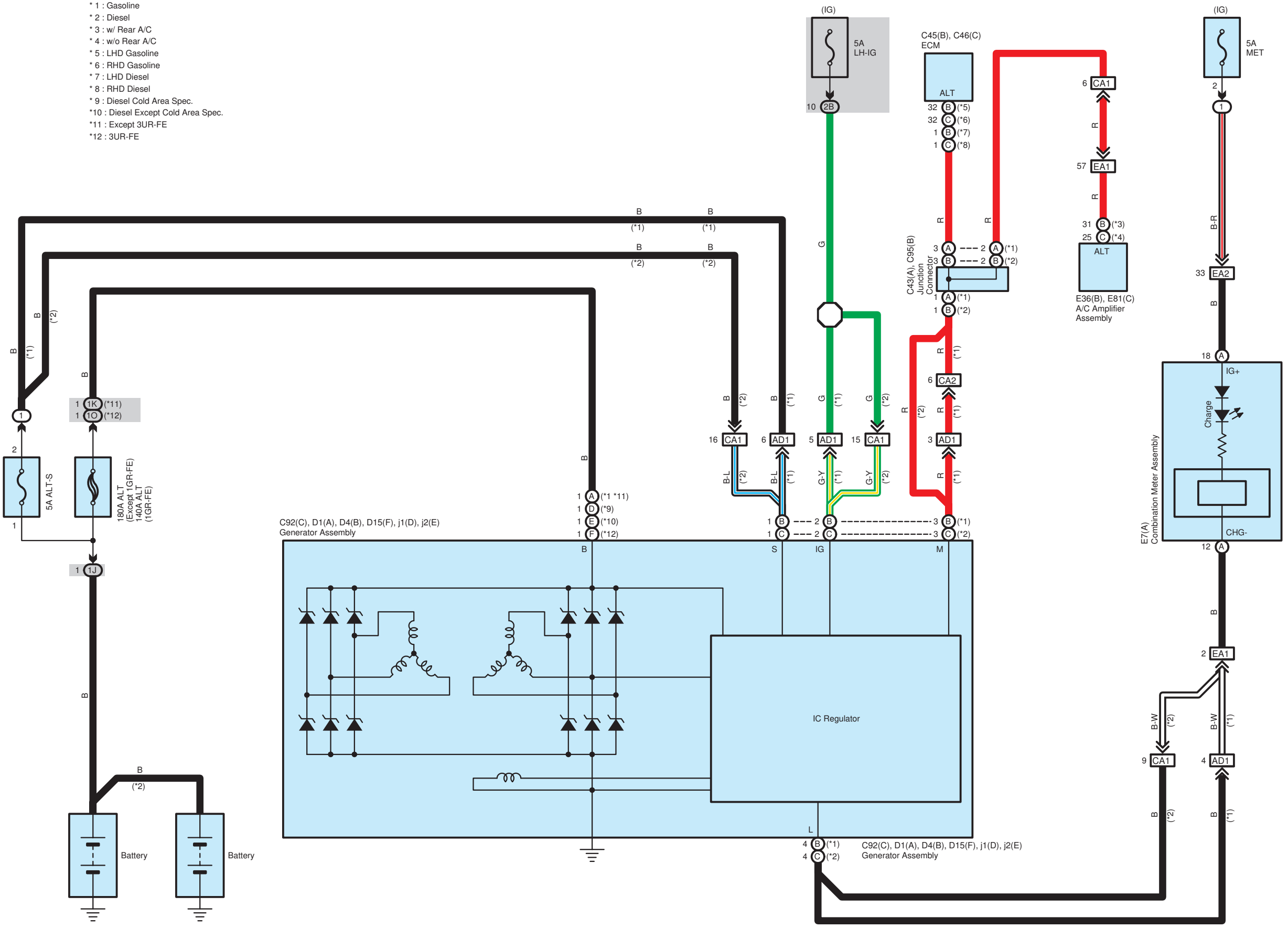
* 1 : w/ Rear A/C
* 2 : w/o Rear A/C

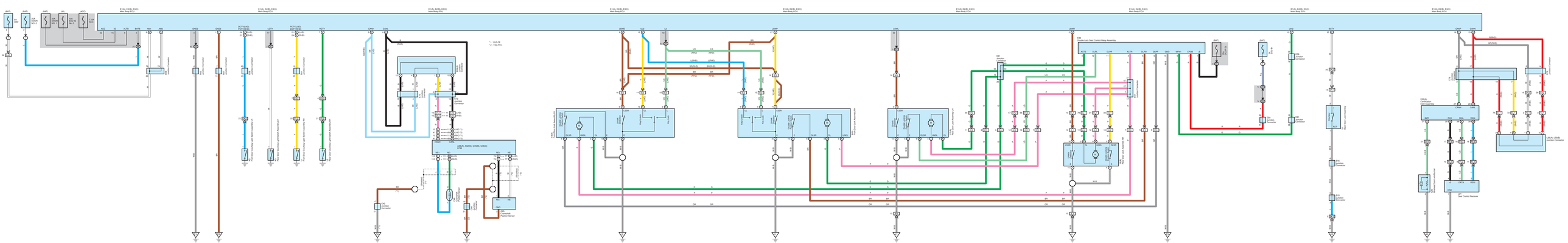


(ACC)
15A
CIG
63
2D
P
1
E43
Cigarette Lighter Assembly
2
W-B
7
E66
Junction Connector
1
W-B
E2



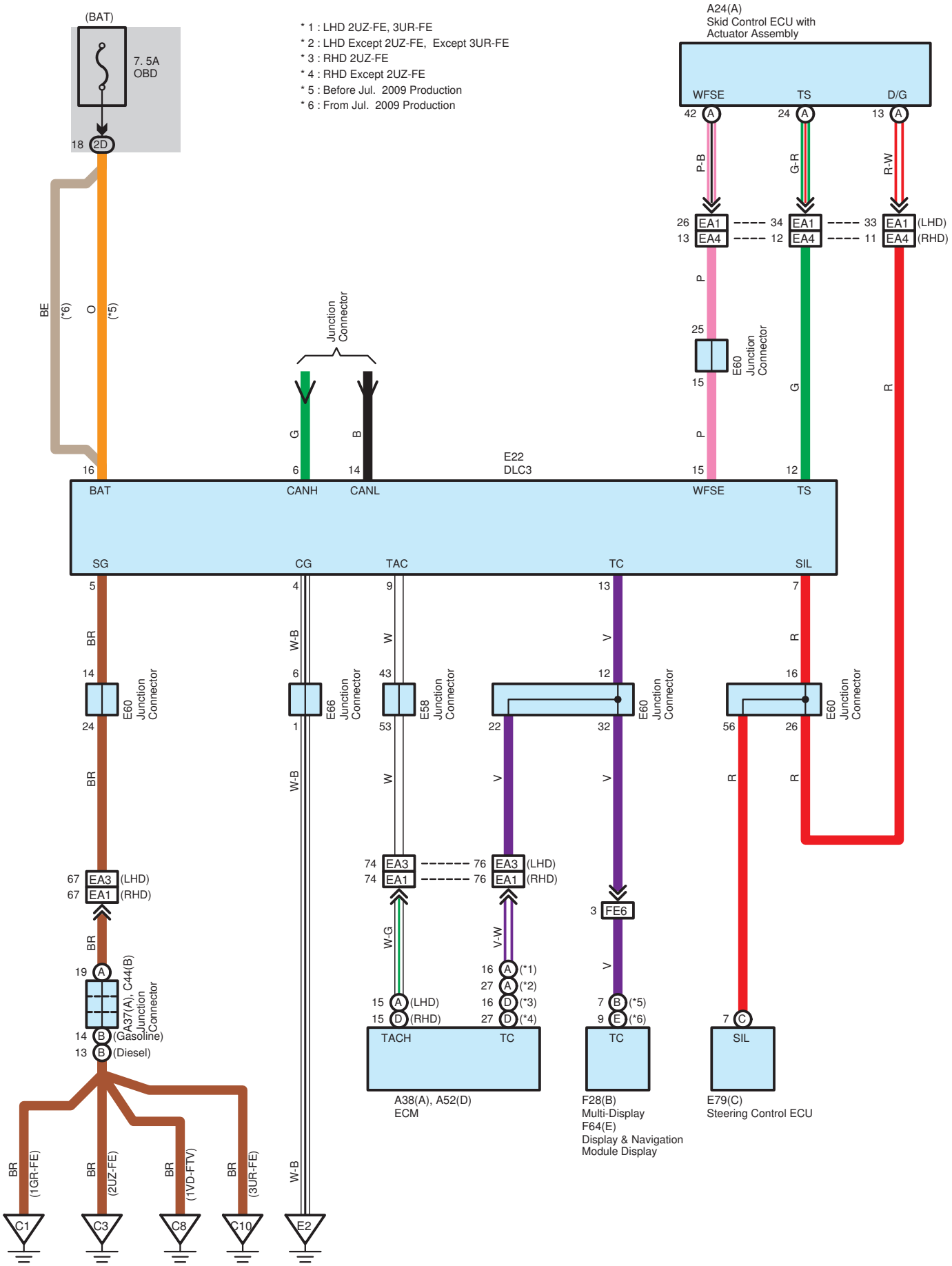
* 1 : Gasoline
* 2 : Diesel
* 3 : w/ Rear A/C
* 4 : w/o Rear A/C
* 5 : LHD Gasoline
* 6 : RHD Gasoline
* 7 : LHD Diesel
* 8 : RHD Diesel
* 9 : Diesel Cold Area Spec.
*10 : Diesel Except Cold Area Spec.
*11 : Except 3UR-FE
*12 : 3UR-FE

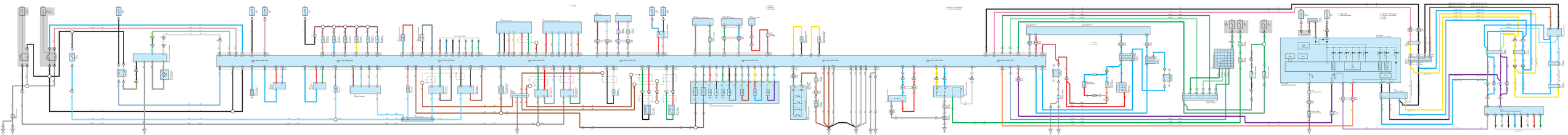


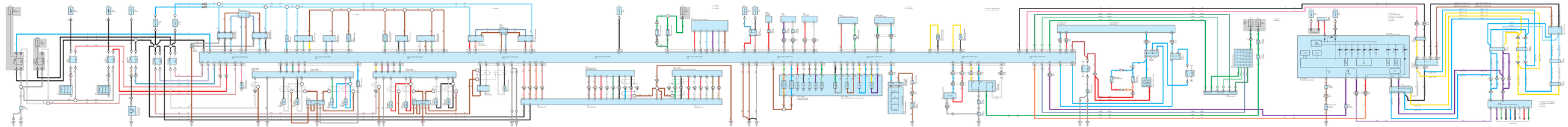

EVAL-02UD-EXO
Main Body ECU
*1 : 2UZ-FE
*2 : 1VD-FTV

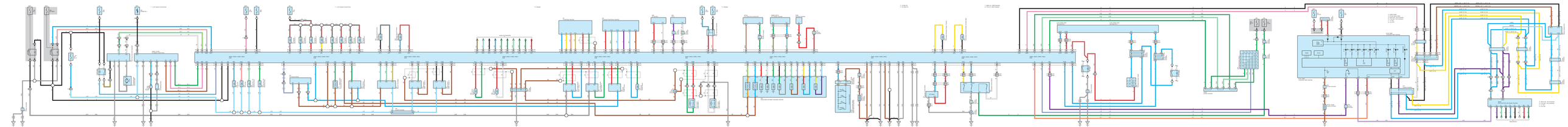


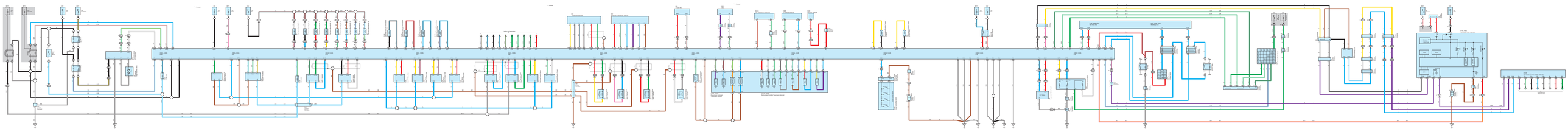
E1(A), E2(B), E3(C)
Main Body ECU
* 1 : w/ Double Locking
* 2 : w/o Double Locking
* 3 : w/ Curtain Shield Airbag
* 4 : w/o Curtain Shield Airbag
* 5 : Before Apr. 2010 Production
* 6 : From Apr. 2010 Production
* 7 : w/ VSC
* 8 : w/o VSC
E47(A), K27(B), K32(D), L27(C), L38(E)
Center Airbag Sensor Assembly

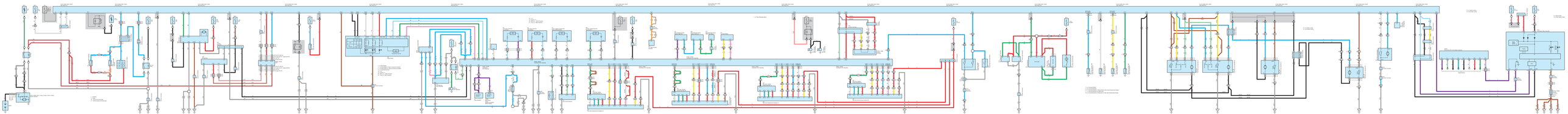

(BAT)
7. 5A
OBD
18 2D
* 1 : LHD 2UZ-FE, 3UR-FE
* 2 : LHD Except 2UZ-FE, Except 3UR-FE
* 3 : RHD 2UZ-FE
* 4 : RHD Except 2UZ-FE
* 5 : Before Jul. 2009 Production
* 6 : From Jul. 2009 Production
A24(A)
Skid Control ECU with
Actuator Assembly
WFSE
TS
D/G
42 A
24 A
13 A
P-B
G-R
R-W
26 EA1
13 EA4
34 EA1
12 EA4
33 EA1 (LHD)
11 EA4 (RHD)
BE (*6)
O (*5)
Junction Connector
G
B
6
14
25
15
E60 Junction Connector
P
G
R
16
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
14
6
43
12
16
E60 Junction Connector
E66 Junction Connector
E58 Junction Connector
E60 Junction Connector
E60 Junction Connector
24
1
53
22
32
56
26
BR
W-B
W
V
V
R
R
74 EA3
74 EA1
76 EA3 (LHD)
76 EA1 (RHD)
67 EA3 (LHD)
67 EA1 (RHD)
W-G
V-W
3 FE6
BR
V
19 A
A37(A), C44(B) Junction Connector
14 B (Gasoline)
13 B (Diesel)
16 A (*1)
27 A (*2)
15 A (LHD)
15 D (RHD)
16 D (*3)
27 D (*4)
7 B (*5)
9 E (*6)
7 C
TACH
TC
TC
SIL
A38(A), A52(D)
ECM
F28(B)
Multi-Display
F64(E)
Display & Navigation
Module Display
E79(C)
Steering Control ECU
BR (1GR-FE)
BR (2UZ-FE)
BR (1VD-FTV)
BR (3UR-FE)
W-B
C1
C3
C8
C10
E2

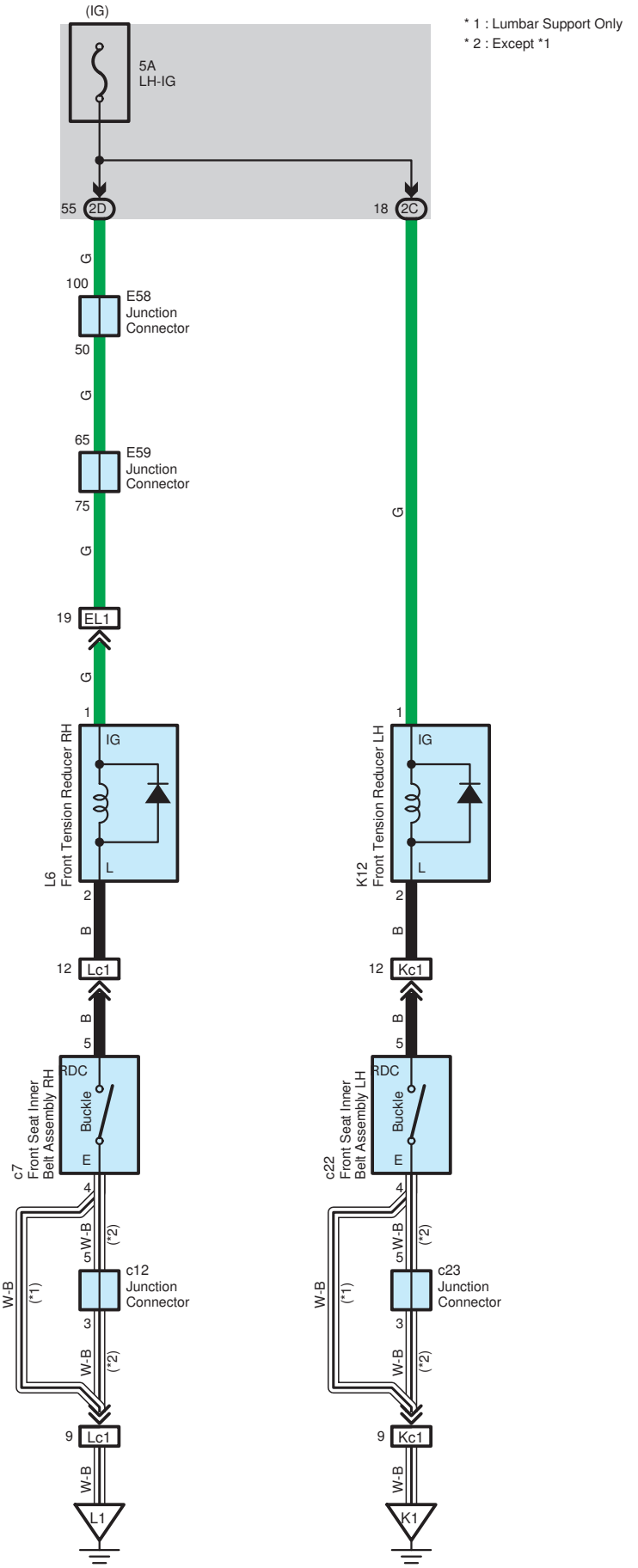


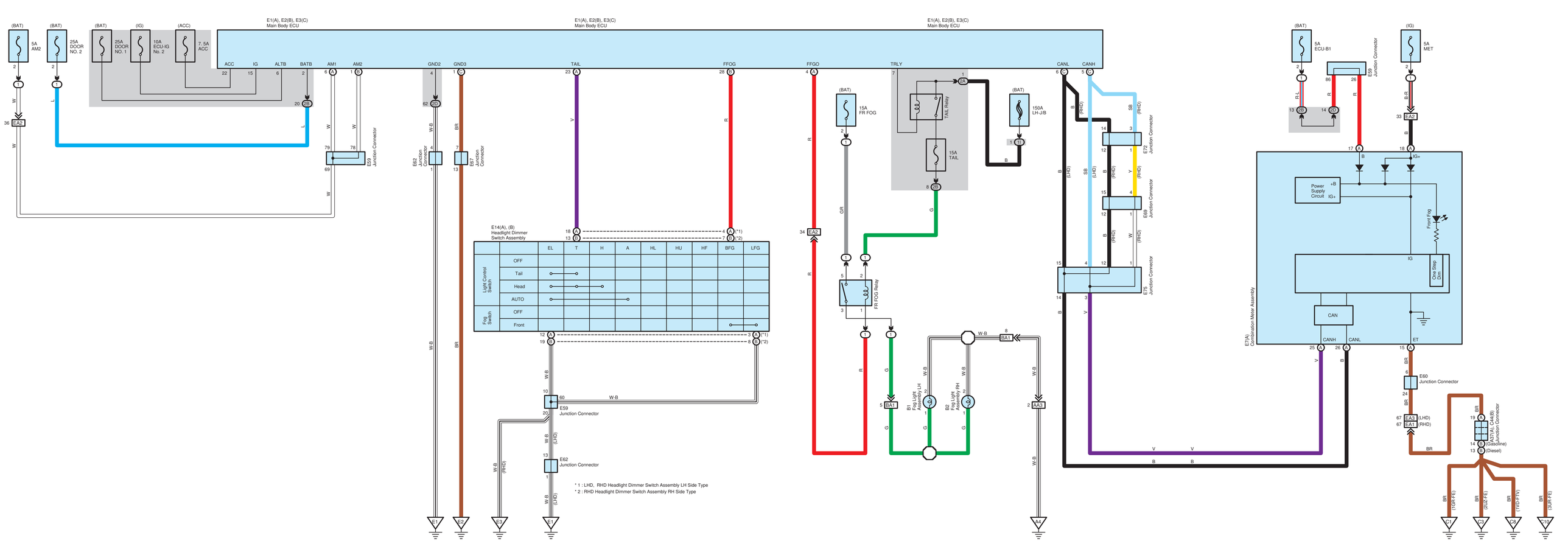


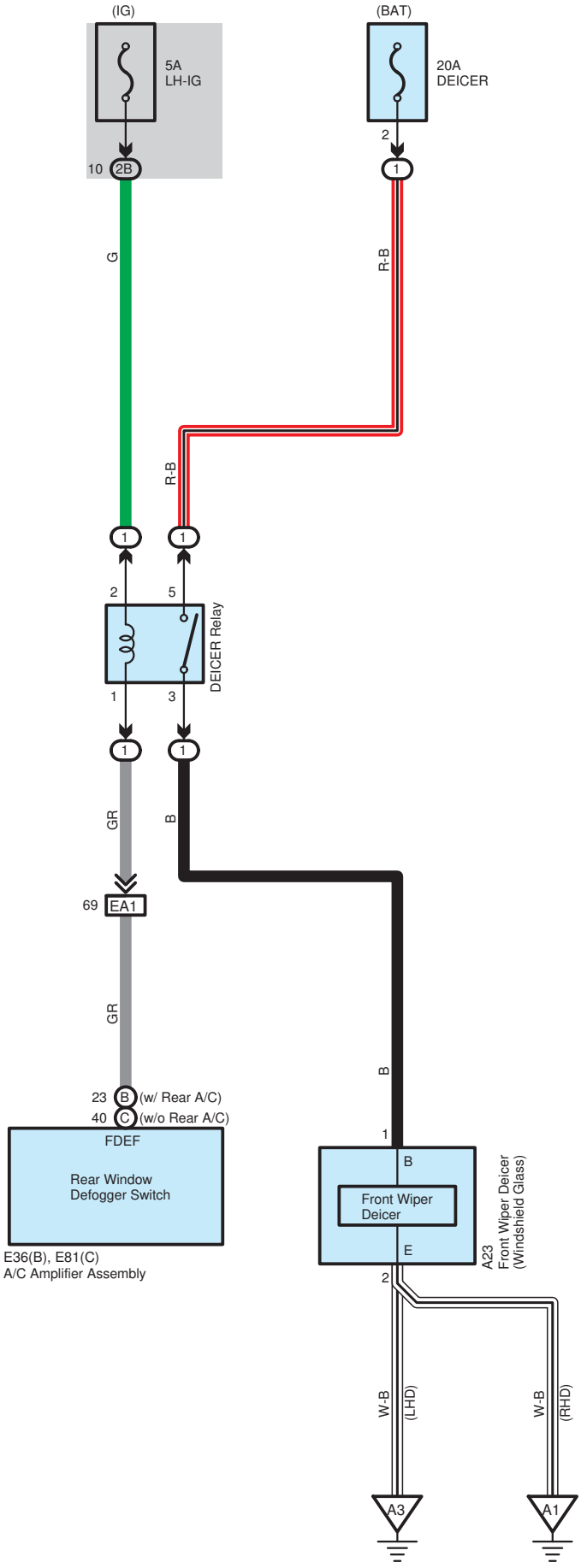






(IG)
5A
LH-IG
55 2D
18 2C
G
100
E58
Junction
Connector
50
G
65
E59
Junction
Connector
75
G
19 EL1
G
1
L6
Front Tension Reducer RH
IG
L
2
B
12 Lc1
B
5
RDC
Buckle
E
c7
Front Seat Inner
Belt Assembly RH
4
W-B
(*1)
W-B
(*2)
c12
Junction
Connector
3
W-B
(*2)
9 Lc1
W-B
L1
G
1
K12
Front Tension Reducer LH
IG
L
2
B
12 Kc1
B
5
RDC
Buckle
E
c22
Front Seat Inner
Belt Assembly LH
4
W-B
(*1)
W-B
(*2)
c23
Junction
Connector
3
W-B
(*2)
9 Kc1
W-B
K1
* 1 : Lumbar Support Only
* 2 : Except *1


(BAT)
5A AM2
(BAT)
25A DOOR NO. 2
(BAT)
25A DOOR NO. 1
(IG)
10A ECU-IG No. 2
(ACC)
7.5A ACC
E1(A), E2(B), E3(C) Main Body ECU
ACC IG ALTB BATB AM1 AM2
GND2 GND3 TAIL FFOG FFGO TRLY CANL CANH
E9 Junction Connector
E62 Junction Connector
E67 Junction Connector
E14(A), (B) Headlight Dimmer Switch Assembly
EL T H A HL HU HF BFG LFG
Light Control Switch
OFF Tail Head AUTO
Fog Switch
OFF Front
E59 Junction Connector
* 1 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 2 : RHD Headlight Dimmer Switch Assembly RH Side Type
15A FR FOG
15A TAIL Relay
150A LH-J/B
FR FOG Relay
B1 Fog Light Assembly LH
B2 Fog Light Assembly RH
E72 Junction Connector
E69 Junction Connector
E75 Junction Connector
5A ECU-B1
5A MET
E59 Junction Connector
E7(A) Combination Meter Assembly
Power Supply Circuit
+B
IG+
Front Fog
IG
One Step Drive
CAN
CANH
CANL
ET
E60 Junction Connector
E4 (A), (B) Junction Connector
(LHD)
(RHD)
(Gasoline)
(Diesel)
E1
E2
E3
A4
C1 (1GR-FE)
C2 (2UZ-FE)
C3 (1VD-FTV)
C4 (3UR-FE)


(IG)
5A
LH-IG
10
2B
G
(BAT)
20A
DEICER
2
1
R-B
R-B
1
1
2
5
DEICER Relay
1
3
1
1
GR
B
69
EA1
GR
23
B
(w/ Rear A/C)
40
C
(w/o Rear A/C)
FDEF
Rear Window
Defogger Switch
E36(B), E81(C)
A/C Amplifier Assembly
B
1
B
Front Wiper
Deicer
E
A23
Front Wiper Deicer
(Windshield Glass)
2
W-B
(LHD)
W-B
(RHD)
A3
A1



* 1 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 2 : RHD Headlight Dimmer Switch Assembly RH Side Type
* 3 : 2UZ-FE
* 4 : 1VD-FTV
(IG)
10A ECU-IG No. 2
(IG)
5A ECU-IG No. 1
(IG)
30A WIPER
(IG)
20A WSH
(IG)
10A BK/UP LP
(BAT)
5A ECU-B1
(IG)
5A MET
R7 Overhead Module
IG
GND5
IG2
GND2
R11 Rain Sensor
SIG
ES
MPX
E60 Junction Connector
E61 Junction Connector
E62 Junction Connector
E63 Junction Connector
E83(A), E85(C) Windshield Wiper ECU
MPX1
IG1I
WIG
CANH
CANL
+SM
E
ES
2S
1S
SHOT
AUTO
VR1
VR2
W
+2
+1
E15(A), E16(B) Windshield Wiper Switch Assembly
+B
+S
MIST
OFF
LO
HI
Front Wiper Switch
WF
EW
Off
On
Front Washer Switch
A16 Windshield Washer Motor and Pump Assembly
A22(A), (B) Windshield Wiper Motor Assembly
E73 Junction Connector
E70 Junction Connector
E76 Junction Connector
L29(A), L30(B) Junction Connector
E69(A), (B) Junction Connector
E75 Junction Connector
E72 Junction Connector
A38(A), A52(D), C45(B), C46(C) ECM
CANH
CANL
N
P
C24 Park/Neutral Position Switch
NL
PL
RB
C44(B) Junction Connector
E59 Junction Connector
E7(A) Combination Meter Assembly
Power Supply Circuit
+B
IG+
IG
CAN
MPX+
MPX-
ET
E60 Junction Connector
A37(A), C44(B) Junction Connector
(2UZ-FE)
(1VD-FTV)
E74 Junction Connector
F21 Junction Connector
E68 Junction Connector
E71 Junction Connector
L(LHD)
Y(LHD)
SB(RHD)
A24(A) Skid Control ECU with Actuator Assembly
FL+
FL-
FR+
FR-
RL+
RL-
RR+
RR-
Speed Sensors
E31 Network Gateway ECU
CA2H
CA2L
CA1L
CA1H

E15(A), E16(B)
Windshield Wiper Switch Assembly

Front Wiper Switch

	MIST	OFF	INT	LO	HI
B1		●			
INT2			●		
INT1		●	●		
+S		●	●		
+1	●	●	●	●	
+2					●
+B	●			●	●

Wiper Relay

Front Washer Switch

	Off	On
EW		●
W		●

WF
EW
+S
+1
+2
+B

L (*4)
L (*3)
2
1
L (*3)
E63
Junction Connector
44
EA1
L-B
L-B
4
M
1
R-B
A16
Windshield Washer
Motor and Pump
Assembly

(IG)
20A
WSH
6 2B

(IG)
30A
WIPER
66 2D
7 2B

B (*4)
B (*3)
B

W-B
W-B
W-B

W (*3)
R (*3)
G (*3)
E83(A), E84(B)
Short
Connector

W(*3)
W(*4)
R(*3)
R(*4)
G(*3)
G(*4)
B(*4)
B(*3)

E83(A), E84(B)
Short
Connector

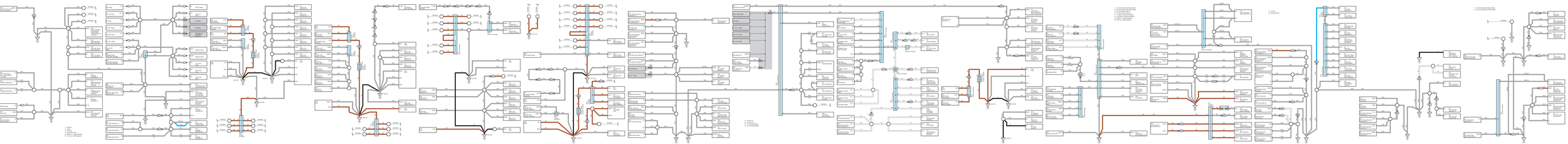
E83(A), E84(B)
Short
Connector

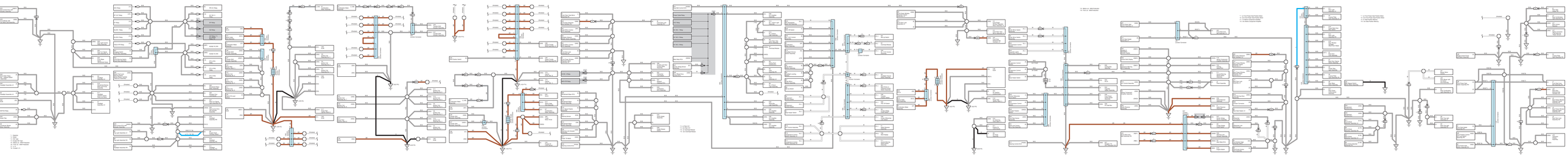
43 EA1 (LHD)
4 EA4 (RHD)
21 EA2 ------ 22 EA2 (LHD)
29 EA4 ------ 5 EA4 (RHD)

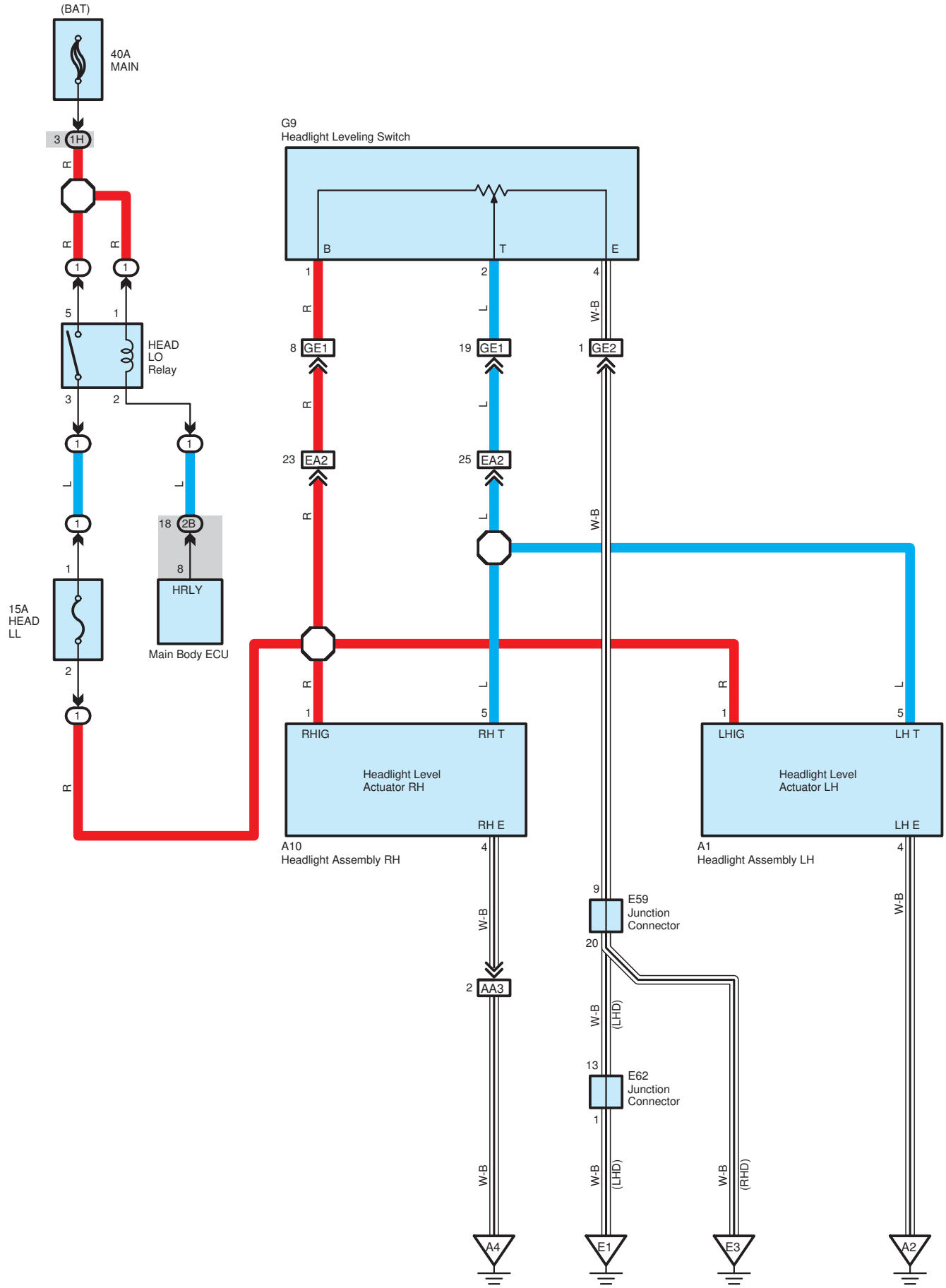
A22(A), (B)
Windshield Wiper Motor Assembly

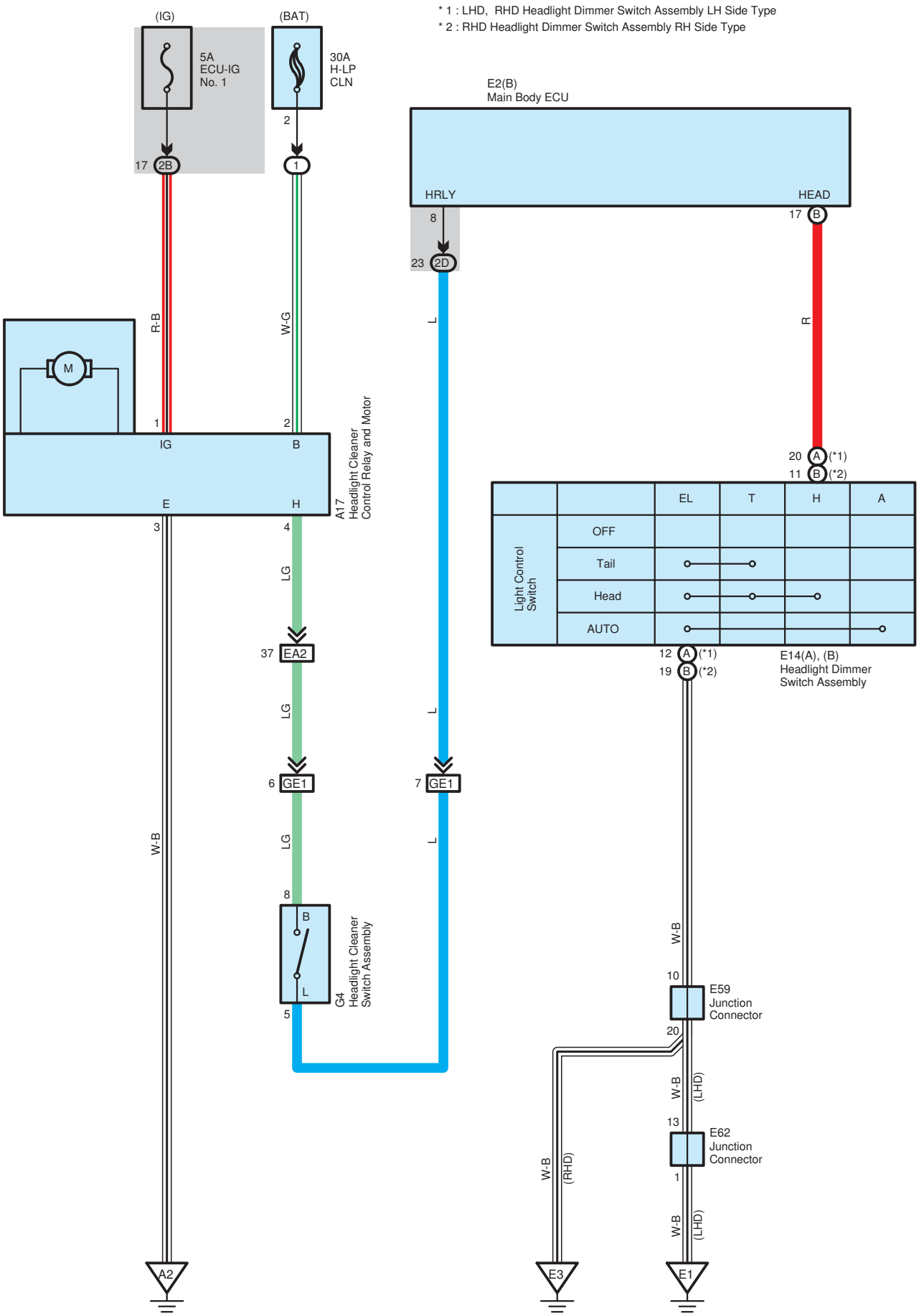
5 (LHD)
5 (RHD)
W-B (RHD)
W-B (LHD)
A3
A1
E1

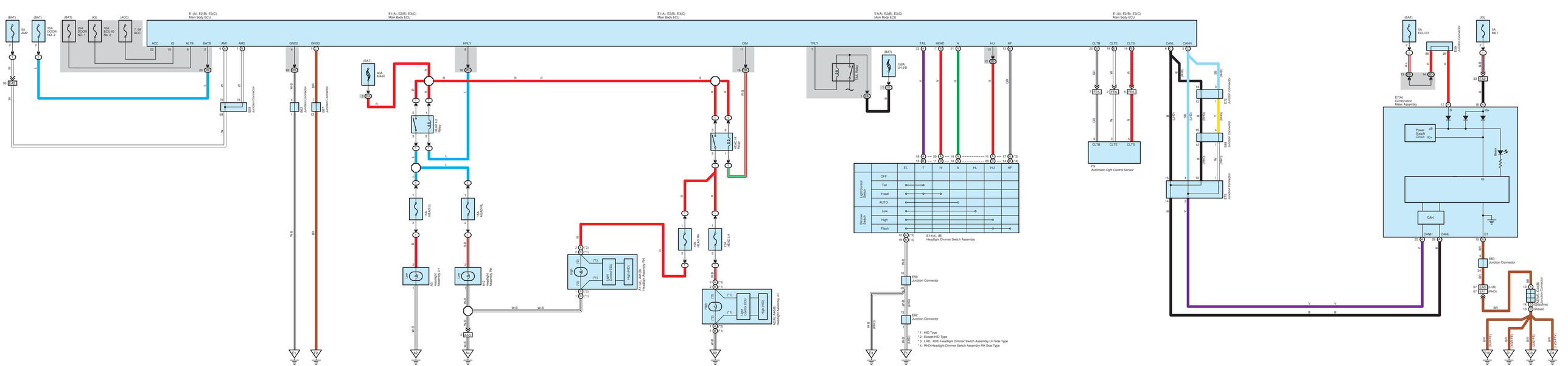
* 1 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 2 : RHD Headlight Dimmer Switch Assembly RH Side Type
* 3 : w/ Short Connector
* 4 : w/o Short Connector



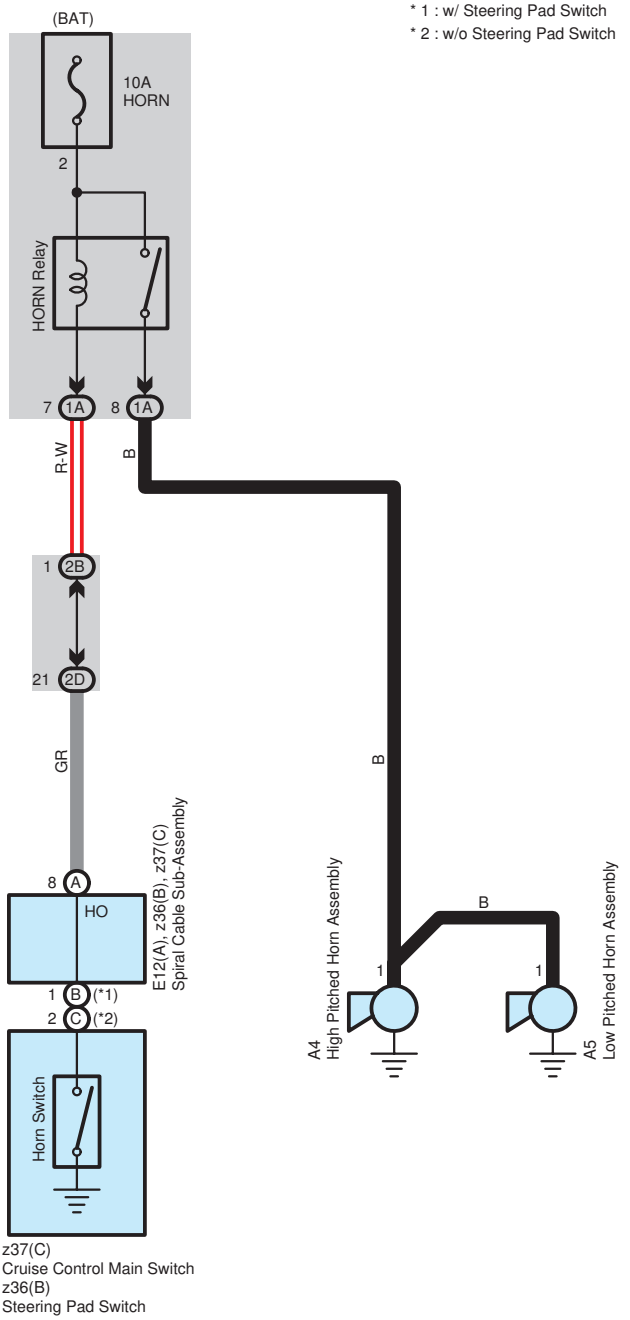


(BAT)
40A
MAIN
3
1H
R
R
R
1
1
5
1
HEAD
LO
Relay
3
2
1
1
L
L
1
18
2B
1
8
HRLY
Main Body ECU
15A
HEAD
LL
2
1
R
G9
Headlight Leveling Switch
B
T
E
1
2
4
R
L
W-B
8
GE1
19
GE1
1
GE2
R
L
23
EA2
25
EA2
R
L
W-B
R
L
1
5
RHIG
RH T
Headlight Level
Actuator RH
RH E
A10
Headlight Assembly RH
R
L
1
5
LHIG
LH T
Headlight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


* 1 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 2 : RHD Headlight Dimmer Switch Assembly RH Side Type
(IG)
(BAT)
5A
ECU-IG
No. 1
30A
H-LP
CLN
E2(B)
Main Body ECU
HRLY
HEAD
17 2B
1
2
8
23 2D
17 B
R-B
W-G
L
R
M
1
2
IG
B
E
H
A17
Headlight Cleaner
Control Relay and Motor
3
4
LG
37 EA2
LG
6 GE1
LG
8
B
L
5
G4
Headlight Cleaner
Switch Assembly
7 GE1
L
L
20 A (*1)
11 B (*2)
EL
T
H
A
Light Control
Switch
OFF
Tail
Head
AUTO
12 A (*1)
19 B (*2)
E14(A), (B)
Headlight Dimmer
Switch Assembly
W-B
10
E59
Junction
Connector
20
W-B
(LHD)
13
E62
Junction
Connector
1
W-B
(LHD)
W-B
(RHD)
A2
E3
E1

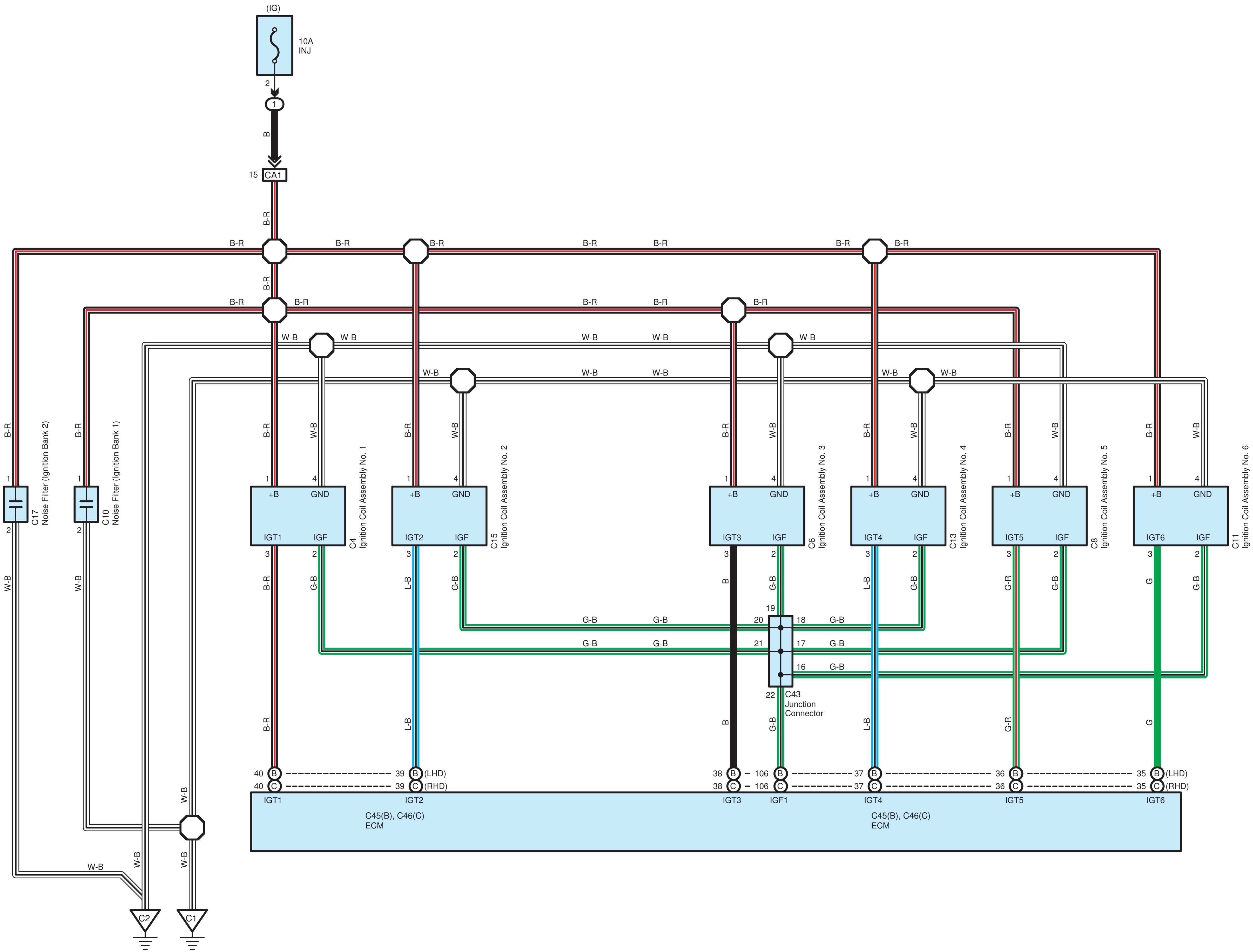

E1(A), E2(B), E3(C)
Main Body ECU
ACC
IG
ALTB
BATB
AM1
AM2
GND2
GND3
HRLY
DIM
TRLY
TAIL
HEAD
A
HU
HF
CLTB
CLTE
CLTS
CANL
CANH
(BAT)
(IG)
(ACC)
5A AM2
25A DOOR NO. 2
25A DOOR NO. 1
10A ECU-IG No. 2
7.5A ACC
40A MAIN
150A LH-J/B
5A ECU-B1
5A MET
Tail Relay
Headlight Dimmer Switch
OFF
Tail
Head
AUTO
Low
High
Flash
E16(A), (B)
Headlight Dimmer Switch Assembly
F9
Automatic Light Control Sensor
E1(A)
Combination Meter Assembly
Power Supply Circuit
IG1
Beam
CAN
E59 Junction Connector
E62 Junction Connector
E50 Junction Connector
E51 Junction Connector
E52 Junction Connector
E53 Junction Connector
E54 Junction Connector
E55 Junction Connector
E56 Junction Connector
E57 Junction Connector
E58 Junction Connector
LH HEADLTL
RH HEADLTR
LH HEAD HIGH
RH HEAD HIGH
A2 Headlight Assembly LH
A12 Headlight Assembly RH
A14, A15 Headlight Assembly LH
A13, A16 Headlight Assembly RH
Low
High
Light Control ECU
High (HID)
* 1 : HID Type
* 2 : Except HID Type
* 3 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 4 : RHD Headlight Dimmer Switch Assembly RH Side Type

* 1 : w/ Steering Pad Switch
* 2 : w/o Steering Pad Switch





E1(A), E2(B), E3(C)
Main Body ECU
* 1 : w/ Overhead Module
* 2 : w/o Overhead Module
* 3 : w/ Overhead Module w/ Sliding Roof w/o Rear Seat Entertainment System
* 4 : w/ Overhead Module w/o Sliding Roof
* 7 : w/ Overhead Module w/ Sliding Roof w/ Rear Seat Entertainment System



(IG)
10A
INJ
2
1
B
15
CA1
B-R
W-B
1
2
C17
Noise Filter (Ignition Bank 2)
C10
Noise Filter (Ignition Bank 1)
+B
GND
IGT1
IGF
C4
Ignition Coil Assembly No. 1
IGT2
C15
Ignition Coil Assembly No. 2
IGT3
C6
Ignition Coil Assembly No. 3
IGT4
C13
Ignition Coil Assembly No. 4
IGT5
C8
Ignition Coil Assembly No. 5
IGT6
C11
Ignition Coil Assembly No. 6
3
4
G-B
L-B
G-R
G
19
20
21
22
18
17
16
C43
Junction
Connector
40 B
40 C
39 B (LHD)
39 C (RHD)
38 B
38 C
106 B
106 C
37 B
37 C
36 B
36 C
35 B (LHD)
35 C (RHD)
IGF1
C45(B), C46(C)
ECM
C2
C1

(IG)

10A
INJ

2

1

B

15 CA1

B-R

C17
Noise Filter
(Ignition Bank 2)

1

2

W-B

C5

C4
Ignition Coil
Assembly No. 1

C13
Ignition Coil
Assembly No. 4

C11
Ignition Coil
Assembly No. 6

C51
Ignition Coil
Assembly No. 7

C15
Ignition Coil
Assembly No. 2

C6
Ignition Coil
Assembly No. 3

C8
Ignition Coil
Assembly No. 5

C53
Ignition Coil
Assembly No. 8

+B
GND
IGT1
IGF1
IGT4
IGT6
IGT7
IGT2
IGT3
IGF2
IGT5
IGT8

1
2
3
4

B-R
W-B
B-Y
G-B
L-B
G
G-W
L-Y
R
B
G-R

C43
Junction
Connector

19
20
21
22
18
9
8
10
11
7

40 B
40 C
38 B
38 C
104 B
104 C
36 B
36 C
34 B (LHD)
34 C (RHD)
33 B
33 C
37 B
37 C
105 B
105 C
35 B
35 C
39 B (LHD)
39 C (RHD)

C45(B), C46(C)
ECM

C10
Noise Filter
(Ignition Bank 1)

C4

(IG)

10A
INJ

2

1

B

15 CA1

B-R

B-R B-R B-R B-R B-R B-R B-R

B-R B-R B-R B-R B-R B-R

W-B W-B W-B W-B W-B W-B

W-B W-B W-B W-B W-B

B-R B-R B-R B-R B-R B-R B-R B-R

W-B W-B W-B W-B W-B W-B W-B W-B

C17
Noise Filter
(Ignition Bank 2)

1

C4
Ignition Coil Assembly No. 1

1 +B
4 GND
3 IGT1
2 IGF1

B-Y

G-B

C13
Ignition Coil Assembly No. 4

1 +B
4 GND
3 IGT4
2 IGF1

L-B

G-B

C11
Ignition Coil Assembly No. 6

1 +B
4 GND
3 IGT6
2 IGF1

G

G-B

C51
Ignition Coil Assembly No. 7

1 +B
4 GND
3 IGT7
2 IGF1

G-W

G-B

C15
Ignition Coil Assembly No. 2

1 +B
4 GND
3 IGT2
2 IGF2

L-B

R

C6
Ignition Coil Assembly No. 3

1 +B
4 GND
3 IGT3
2 IGF2

B

R

C8
Ignition Coil Assembly No. 5

1 +B
4 GND
3 IGT5
2 IGF2

G-R

R

C53
Ignition Coil Assembly No. 8

1 +B
4 GND
3 IGT8
2 IGF2

G-B

R

C43
Junction
Connector

20 19
21
22 18

G-B

C43
Junction
Connector

9 8
10
11 7

R

40 B IGT1
34 B IGT4
104 B IGF1
36 B IGT6
38 B IGT7
33 B IGT2
37 B IGT3
105 B IGF2
35 B IGT5
39 B IGT8

C45(B)
ECM

C45(B)
ECM


W-B W-B

C11

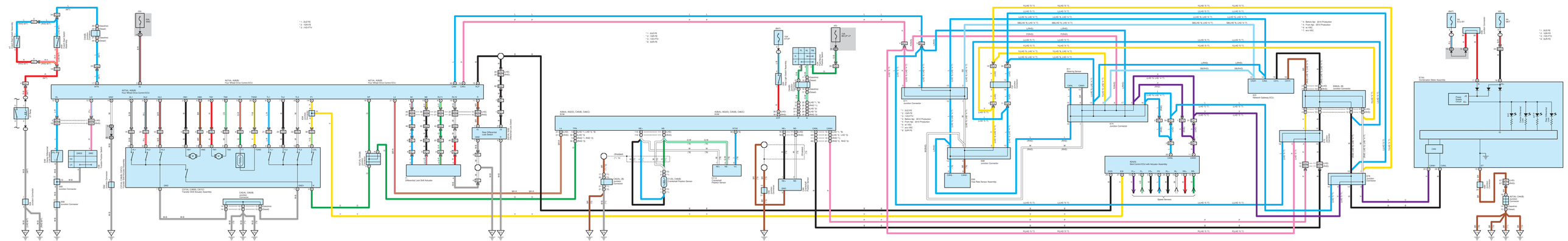
C10
Noise Filter
(Ignition Bank 1)

1

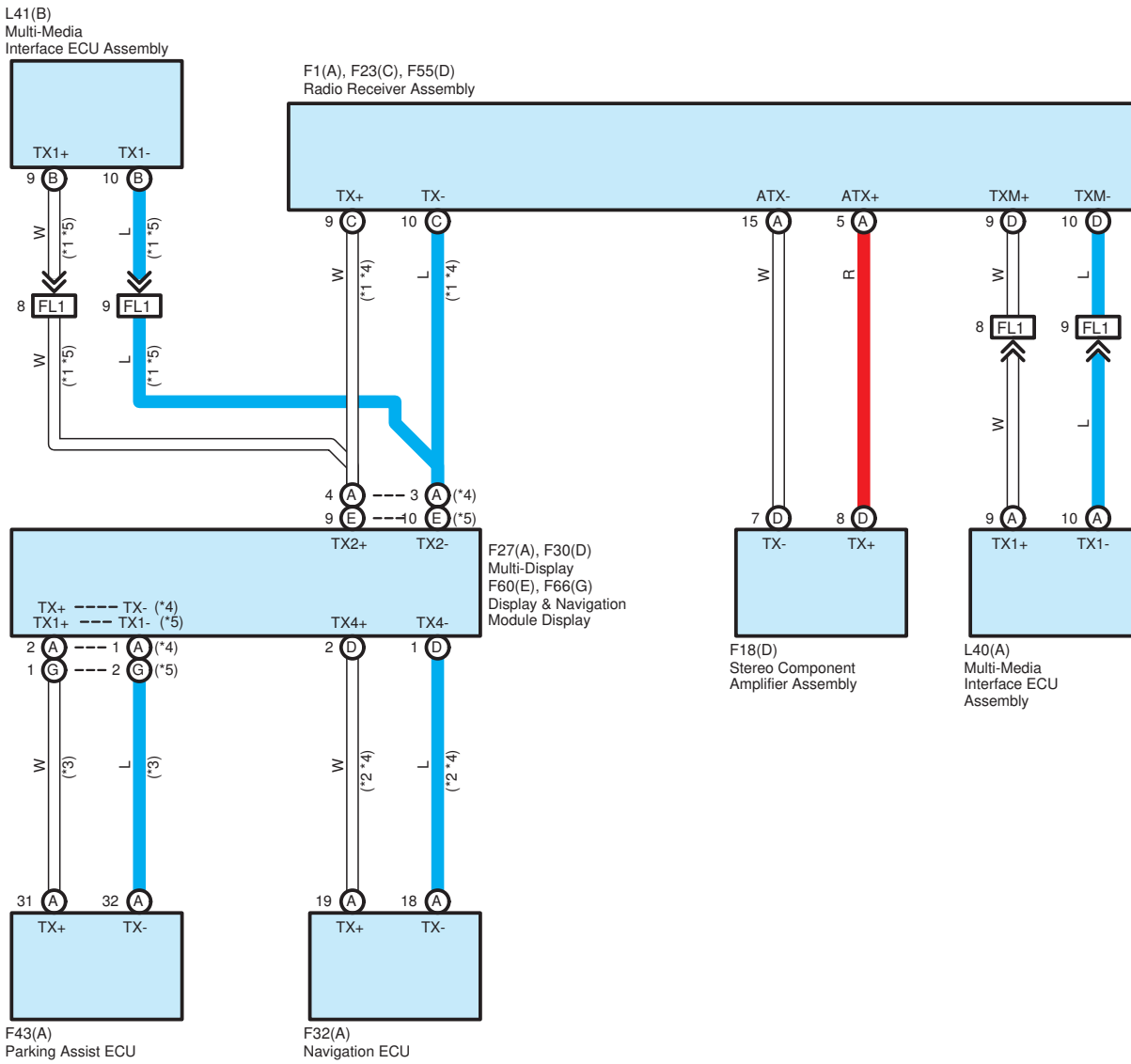
B-R

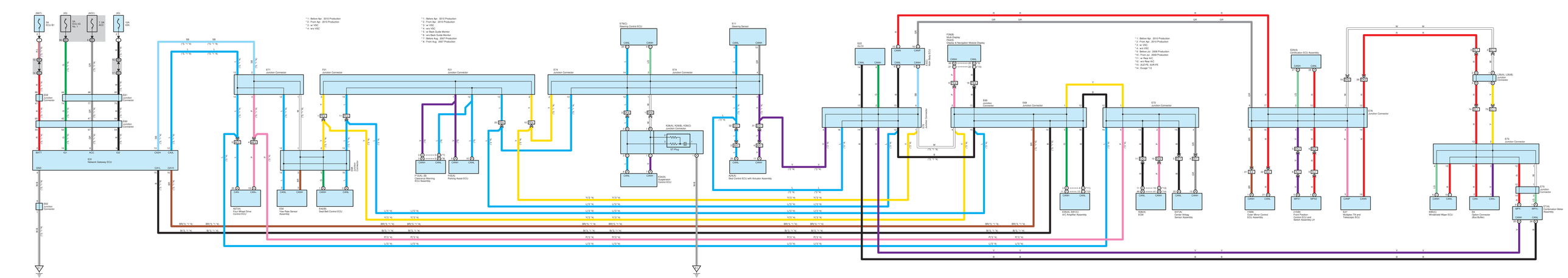


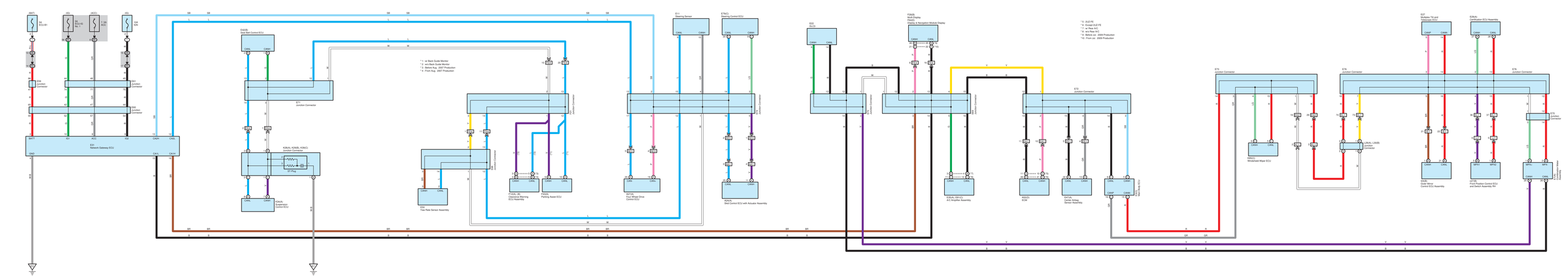
* 1 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 2 : RHD Headlight Dimmer Switch Assembly RH Side Type


* 1 : w/ Multi-Display
* 2 : w/ Navigation System
* 3 : w/ Back Guide Monitor
* 4 : Before Jul. 2009 Production
* 5 : From Jul. 2009 Production



*1 : Before Apr. 2010 Production
*2 : From Apr. 2010 Production
*3 : w/ VSC
*4 : w/o VSC
*5 : w/ Back Guide Monitor
*6 : w/o Back Guide Monitor
*7 : Before Aug. 2007 Production
*8 : From Aug. 2007 Production
*9 : Before Apr. 2009 Production
*10 : From Apr. 2009 Production
*11 : w/ Rear A/C
*12 : w/o Rear A/C
*13 : 2UZ-FE, 3UR-FE
*14 : Except *13
(BAT)
(IG)
(ACC)
(IG)
1A ECU-B1
2A ECU-IG No. 1
7.5A ACC
10A IGN
E39 Junction Connector
E41 Junction Connector
E44 Junction Connector
E46 Junction Connector
E31 Network Gateway ECU
BAT1
IG1
ACC
IG2
GND
CAN-L
CAN-H
E22 Junction Connector
E71 Junction Connector
F21 Junction Connector
F31 Junction Connector
E74 Junction Connector
E76 Junction Connector
E11 Steering Sensor
E76(C) Steering Control ECU
E22(C) Main Body ECU
F23(B) Multi-Display Panel(2) Display & Navigation Module Display
E69 Junction Connector
E72 Junction Connector
E39 Junction Connector
E41 Junction Connector
E44 Junction Connector
E46 Junction Connector
E70 Junction Connector
E73 Junction Connector
E70(B) Junction Connector
E74(A) Transmission Range Switch Assembly
A27(A) Four Wheel Drive Control ECU
E56 Tow Rate Sensor Assembly
E43(B) Seat Belt Control ECU
F19(A), (B) Front Airbag Sensor ECU Assembly
F20(A) Parking Assist ECU
K28(A), K29(B), K39(C) Junction Connector
B7 Plug
K28(A) Suspension Control ECU
K28(A) Skid Control ECU with Actuator Assembly
E22(A) Main Body ECU
F23(A), E81(C) A/C Amplifier Assembly
E43(A) ECM
E41(A) Center Airbag Sensor Assembly
E39(A) Outer Mirror Control ECU Assembly
F15(B) Front Position Seat Slide Switch Assembly LH
E27 Multiplex TS and Telescopic ECU
E20(A) Certification ECU Assembly
E6 Option Connector (Bus Bulkhe)
E20(C) Windshield Wiper ECU
E74(A) Transmission Range Switch Assembly
CAN-H
CAN-L
CANH
CANL
SB
GR
R
W
Y
B
L
P
V
LG
BR
SB (*3, *4)
GR (*3, *4)
R (*3, *4)
W (*3, *4)
Y (*3, *4)
B (*3, *4)
L (*3, *4)
P (*3, *4)
V (*3, *4)
LG (*3, *4)
BR (*3, *4)
SB (*1, *2, *4)
GR (*1, *2, *4)
R (*1, *2, *4)
W (*1, *2, *4)
Y (*1, *2, *4)
B (*1, *2, *4)
L (*1, *2, *4)
P (*1, *2, *4)
V (*1, *2, *4)
LG (*1, *2, *4)
BR (*1, *2, *4)
SB (*1, *2, *3)
GR (*1, *2, *3)
R (*1, *2, *3)
W (*1, *2, *3)
Y (*1, *2, *3)
B (*1, *2, *3)
L (*1, *2, *3)
P (*1, *2, *3)
V (*1, *2, *3)
LG (*1, *2, *3)
BR (*1, *2, *3)
SB (*1, *2, *5)
GR (*1, *2, *5)
R (*1, *2, *5)
W (*1, *2, *5)
Y (*1, *2, *5)
B (*1, *2, *5)
L (*1, *2, *5)
P (*1, *2, *5)
V (*1, *2, *5)
LG (*1, *2, *5)
BR (*1, *2, *5)
SB (*1, *2, *6)
GR (*1, *2, *6)
R (*1, *2, *6)
W (*1, *2, *6)
Y (*1, *2, *6)
B (*1, *2, *6)
L (*1, *2, *6)
P (*1, *2, *6)
V (*1, *2, *6)
LG (*1, *2, *6)
BR (*1, *2, *6)
SB (*1, *2, *7)
GR (*1, *2, *7)
R (*1, *2, *7)
W (*1, *2, *7)
Y (*1, *2, *7)
B (*1, *2, *7)
L (*1, *2, *7)
P (*1, *2, *7)
V (*1, *2, *7)
LG (*1, *2, *7)
BR (*1, *2, *7)
SB (*1, *2, *8)
GR (*1, *2, *8)
R (*1, *2, *8)
W (*1, *2, *8)
Y (*1, *2, *8)
B (*1, *2, *8)
L (*1, *2, *8)
P (*1, *2, *8)
V (*1, *2, *8)
LG (*1, *2, *8)
BR (*1, *2, *8)
SB (*1, *2, *9)
GR (*1, *2, *9)
R (*1, *2, *9)
W (*1, *2, *9)
Y (*1, *2, *9)
B (*1, *2, *9)
L (*1, *2, *9)
P (*1, *2, *9)
V (*1, *2, *9)
LG (*1, *2, *9)
BR (*1, *2, *9)
SB (*1, *2, *10)
GR (*1, *2, *10)
R (*1, *2, *10)
W (*1, *2, *10)
Y (*1, *2, *10)
B (*1, *2, *10)
L (*1, *2, *10)
P (*1, *2, *10)
V (*1, *2, *10)
LG (*1, *2, *10)
BR (*1, *2, *10)
SB (*1, *2, *11)
GR (*1, *2, *11)
R (*1, *2, *11)
W (*1, *2, *11)
Y (*1, *2, *11)
B (*1, *2, *11)
L (*1, *2, *11)
P (*1, *2, *11)
V (*1, *2, *11)
LG (*1, *2, *11)
BR (*1, *2, *11)
SB (*1, *2, *12)
GR (*1, *2, *12)
R (*1, *2, *12)
W (*1, *2, *12)
Y (*1, *2, *12)
B (*1, *2, *12)
L (*1, *2, *12)
P (*1, *2, *12)
V (*1, *2, *12)
LG (*1, *2, *12)
BR (*1, *2, *12)
SB (*1, *2, *13)
GR (*1, *2, *13)
R (*1, *2, *13)
W (*1, *2, *13)
Y (*1, *2, *13)
B (*1, *2, *13)
L (*1, *2, *13)
P (*1, *2, *13)
V (*1, *2, *13)
LG (*1, *2, *13)
BR (*1, *2, *13)
SB (*1, *2, *14)
GR (*1, *2, *14)
R (*1, *2, *14)
W (*1, *2, *14)
Y (*1, *2, *14)
B (*1, *2, *14)
L (*1, *2, *14)
P (*1, *2, *14)
V (*1, *2, *14)
LG (*1, *2, *14)
BR (*1, *2, *14)

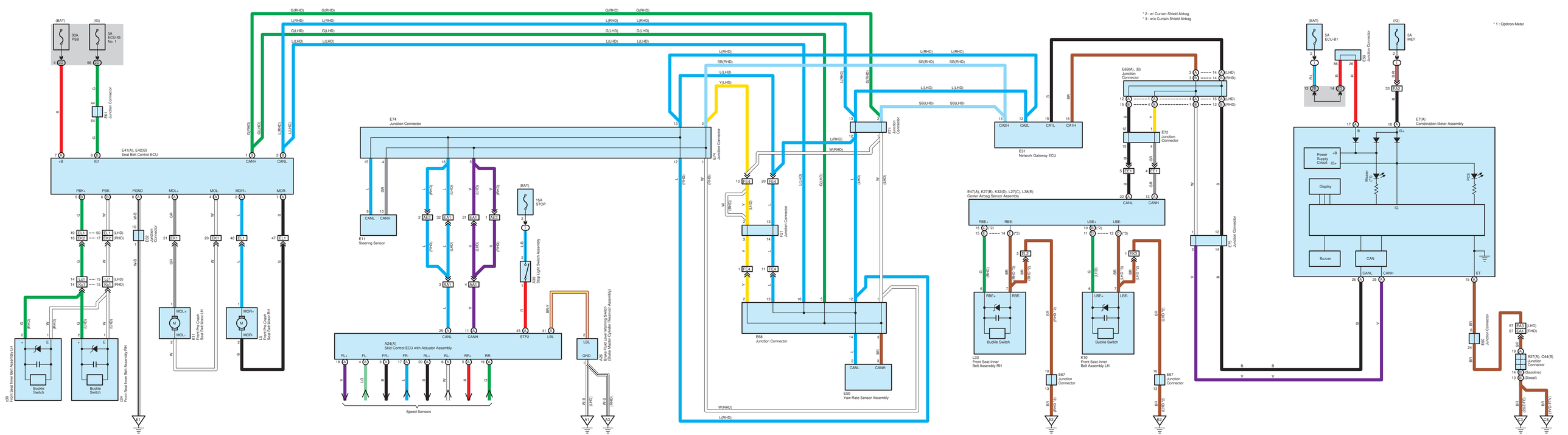

(BAT)
1A
ECU-B1
(IG)
1B
ECU-IG No. 1
(ACC)
2
IG ACC
(IG)
10A
IGN
Battery Power Supply
E56
Junction Connector
1A
Junction Connector
1B
Junction Connector
BAT
IG1
ACC
IG2
CANH
CANL
GND
E21
Network Gateway ECU
E40(B)
Seat Belt Control ECU
E71
Junction Connector
E26(A)
Transmission Control ECU
K26(A), K26(B), K26(C)
Junction Connector
ST Plug
E56
Tow Rate Sensor Assembly
E11
Steering Sensor
E79(C)
Steering Control ECU
E72
Junction Connector
E22
DLC3
F39(B)
Multi-Display
(w/ Navigation)
Display & Navigation Module Display
E72
Junction Connector
F19(A), (B)
Clearance Warning
ECU Assembly
F40(A)
Parking Assist ECU
A27(A)
Four Wheel Drive
Control ECU
A24(A)
Skid Control ECU with Actuator Assembly
E72
Junction Connector
E35(A), E81(C)
A/C Amplifier Assembly
A52(D)
ECM
E47(A)
Yaw Rate Sensor
Assembly
E72
Junction Connector
A40(C)
Body Control ECU
E72
Junction Connector
E27
Multiplex TX and
RX Assembly
E26(A)
Certification ECU Assembly
E76
Junction Connector
L2(A), L3(B)
Junction
Connector
E76
Junction Connector
E76
Junction
Connector
Front Door
Latch Assembly
W40(C)
Windshield Wiper ECU
G4(B)
Rear Sensor
Control ECU Assembly
H27(B)
Air Purifier Control ECU
and Switch Assembly RH
*1 : w/ Back Guide Monitor
*2 : Before Aug. 2007 Production
*3 : Before Aug. 2007 Production
*4 : From Aug. 2007 Production
*5 : 3UZ-FE
*6 : Except 3UZ-FE
*7 : w/ Rear A/C
*8 : w/o Rear A/C
*9 : Before Jul. 2009 Production
*10 : From Jul. 2009 Production

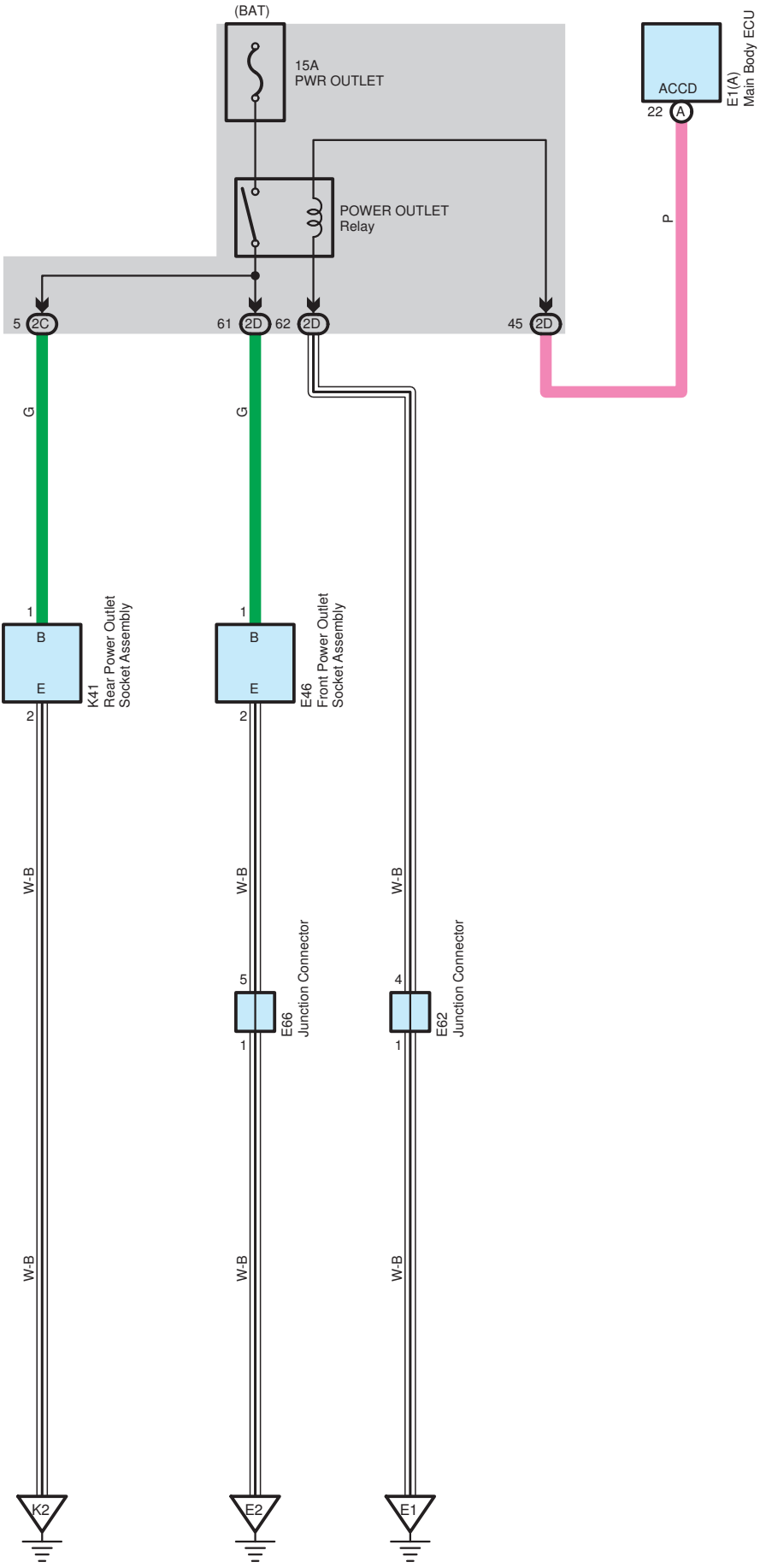


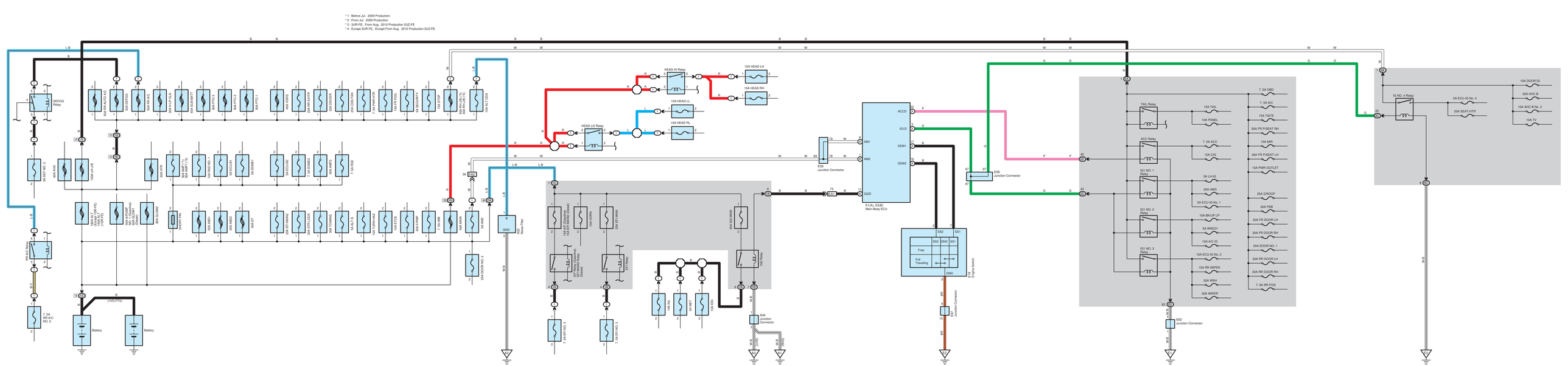
F43(A), F44(B), (E), F45(C), F55(D)
Parking Assist ECU
A24(A)
Skid Control ECU with Actuator Assembly
Speed Sensors
A36(A), A52(D), C45(B), C46(C)
ECM
E15(A), E16(B)
Windshield Wiper Switch Assembly
Front Wiper Switch

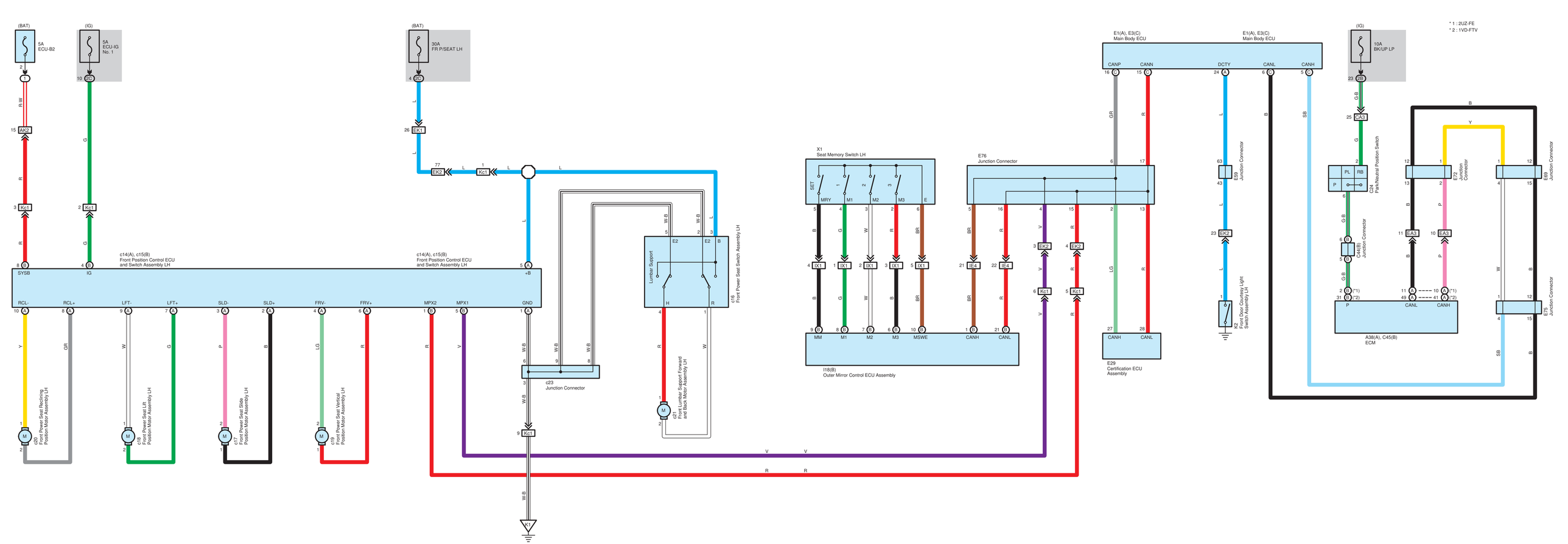


(IG)
5A
ECU-IG
No. 1
G5
Back Sonar or Clearance
Sonar Switch Assembly
IND
IG
ECU
SONAR
Switch
F21
Junction
Connector
E61
Junction
Connector
*10 : Before Aug. 2007 Production
*11 : From Aug. 2007 Production
E10
No. 1 Clearance Warning Buzzer
F12(A), (B)
Clearance Warning ECU Assembly
IG
CSSW
MSDL
BBZ
EF
CANL
CANH
GND1
BOF
SOF
E1
BOR
SOR
E2
B3
No. 1 Ultrasonic Sensor RH
B4
No. 1 Ultrasonic Sensor LH
O1
No. 2 Ultrasonic Sensor RH
O2
No. 3 Ultrasonic Sensor RH
O3
No. 3 Ultrasonic Sensor LH
O4
No. 2 Ultrasonic Sensor LH
E74
Junction Connector
F21
Junction Connector
E71
Junction Connector
E68
Junction Connector
E31
Network Gateway ECU
CA2H
CA2L
CA1H
CA1L
A24(A)
Skid Control ECU with Actuator Assembly
FL+
FL-
FR+
FR-
RL+
RL-
RR+
RR-
Speed Sensors
* 1 : 2UZ-FE
* 2 : Except 2UZ-FE
* 3 : 1GR-FE
* 4 : 1VD-FTV
* 5 : Optitron Meter
* 6 : w/ Rear A/C
* 7 : w/o Rear A/C
*12 : Before Jul. 2009 Production
*13 : From Jul. 2009 Production
*14 : 3UR-FE
F28(B)
Multi-Display
F64(E)
Display & Navigation
Module Display
E69(A), (B)
Junction
Connector
E75
Junction
Connector
E72
Junction
Connector
E35(A), E81(C)
A/C Amplifier Assembly
SG-2
TAM
A14
Ambient Temperature Sensor
C42(A), (B)
Junction
Connector
(Shielded)
C1(A), C48(B)
Crankshaft
Position Sensor
A38(A), A52(D), C45(B), C46(C)
ECM
NE+
NE-
VCV2
C114
Crankshaft
Position Sensor
C94
Junction
Connector
C65
Crankshaft
Position Sensor
GND
(IG)
10A
BK/UP LP
C24
Park/Neutral
Position Switch
RL
PL
NL
RB
P
R
N
C44(B)
Junction
Connector
(Gasoline)
(Diesel)
(BAT)
5A
ECU-B1
E59
Junction Connector
(IG)
5A
MET
E7(A)
Combination Meter Assembly
Power
Supply
Circuit
+B
IG+
Display
Master
(*5)
CAN
CANH
CANL
ET
MPX+
MPX-
E60
Junction
Connector
A37(A), C44(B)
Junction
Connector
* 8 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 9 : RHD Headlight Dimmer Switch Assembly RH Side Type
R11
Rain Sensor
MPX
E83(A), E85(C)
Windshield Wiper ECU
MPX1
ES
2S
1S
SHOT
AUTO
E73
Junction
Connector
L29(A), L30(B)
Junction Connector
E76
Junction Connector
E15(A), E16(B)
Windshield Wiper Switch Assembly
Front Wiper Switch
MIST
OFF
AUTO
LO
HI
E70
Junction
Connector
F1
C6
C1
C7
C3
C8
C10
E3
E1


(BAT)
(IG)
30A PSB
5A ECU-IG No. 1
E41(A), E42(B) Seat Belt Control ECU
+B
IG1
CANH
CANL
E61 Junction Connector
E62 Junction Connector
E74 Junction Connector
E11 Steering Sensor
E73 Junction Connector
E72 Junction Connector
E71 Junction Connector
E75 Junction Connector
E31 Network Gateway ECU
E69(A), (B) Junction Connector
E47(A), K27(B), K30(D), L27(C), L38(E) Center Airbag Sensor Assembly
L33 Front Seat Inner Belt Assembly RH
K10 Front Seat Inner Belt Assembly LH
C20 Front Seat Inner Belt Assembly LH
C24 Front Seat Inner Belt Assembly RH
Buckle Switch
K11 Front Pre-Crash Seat Belt Motor LH
L5 Front Pre-Crash Seat Belt Motor RH
A24(A) Skid Control ECU with Actuator Assembly
Speed Sensors
15A STOP
A20 Stop Light Switch Assembly
A25 Brake Fluid Level Warning Switch (Brake Master Cylinder Reservoir Assembly)
E68 Junction Connector
E50 Yaw Rate Sensor Assembly
E67 Junction Connector
* 2 : w/ Curtain Shield Airbag
* 3 : w/o Curtain Shield Airbag
5A ECU-B1
5A MET
E7(A) Combination Meter Assembly
Power Supply Circuit
Display
Buzzer
CAN
Master Unit
PCS Unit
A37(A), C44(B) Junction Connector
* 1 : Optitron Meter

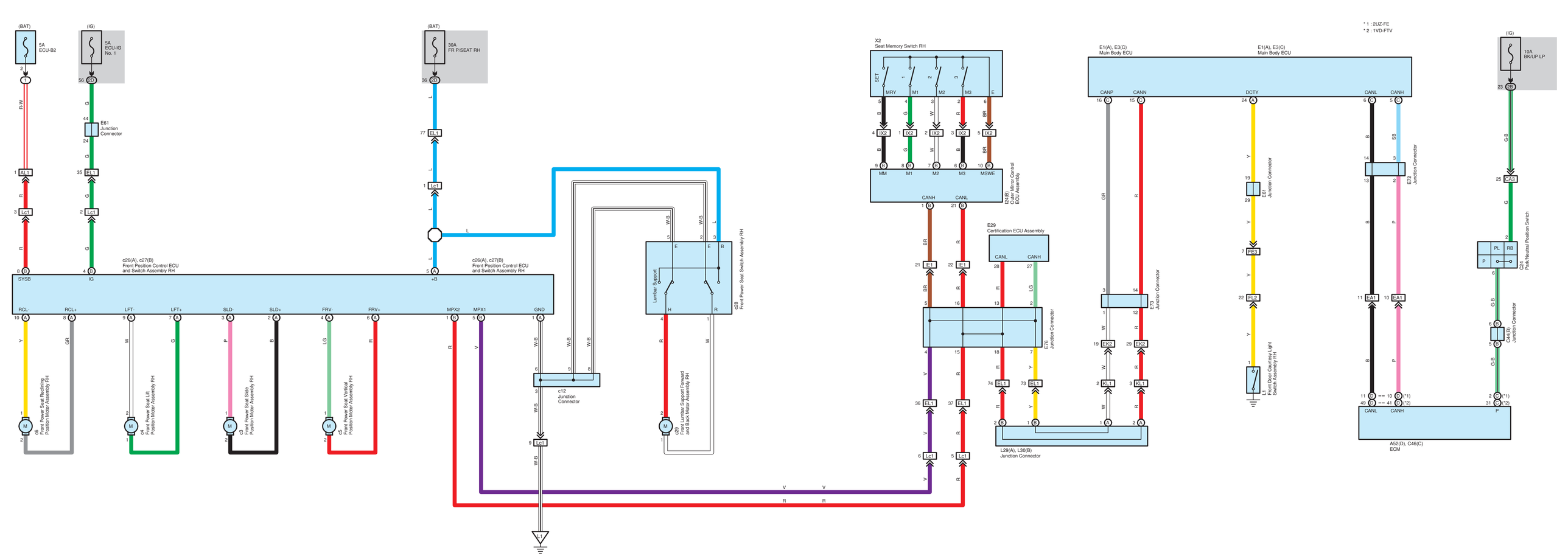

(BAT)
15A
PWR OUTLET
POWER OUTLET
Relay
ACCD
22
A
E1(A)
Main Body ECU
P
5
2C
61
2D
62
2D
45
2D
G
G
1
B
E
2
K41
Rear Power Outlet
Socket Assembly
1
B
E
2
E46
Front Power Outlet
Socket Assembly
W-B
W-B
W-B
5
1
E66
Junction Connector
4
1
E62
Junction Connector
W-B
W-B
W-B
K2
E2
E1


* 1 : Before Jul. 2009 Production
* 2 : From Jul. 2009 Production
* 3 : 3UR-FE, From Aug. 2010 Production 2UZ-FE
* 4 : Except 3UR-FE, Except From Aug. 2010 Production 2UZ-FE
DEFOG Relay
50A RR AUTO A/C
50A A/C-FOG
50A RR A/C
30A H-LP LEVL
40A SUB BATT
30A PTC-3
30A PTC-2
30A PTC-1
10A A/C-CDS
60A A/C
100A I-I-B
5A DEF NO. 2
50A ABS NO. 1
50A A/F (1) (Except 1GR-FE)
50A A/F (2) (1GR-FE)
80A ALT (Except 1GR-FE) (1GR-FE)
50A A/F (Except 1GR-FE) (1GR-FE)
80A ALT (1GR-FE) (Except 1GR-FE)
80A IG-ON2
50A HTR
30A A/F (1) (Except 1GR-FE)
30A A/F (2) (1GR-FE)
10A A/C-IG2
7.5A DOOR2
7.5A DOOR1
30A AM2
7.5A RSE
SPORT PRI
30A ABS1
30A AM2
30A ST
20A EFI MAIN2
20A STR LOCK
30A TOWING
10A A/C-S
10A ETCS
10A FSHP
7.5A AM1
40A MAIN
5A AM2
ENGINE ROOM J/B
2GR-FE
2UZ-FE
Noise Filter
2GR-FE
2UZ-FE
2nd A/C Relay
7. 5A RR A/C NO. 2
Battery
Battery
(1VD-FTV)
HEAD HI Relay
HEAD LO Relay
15A HEAD LH
15A HEAD RH
15A HEAD LL
15A HEAD RL
A/F Relay (Except 1GR-FE) (Open)
A/F Relay (Except 1GR-FE) (Close)
EFI Relay
10A HORN
20A EFI MAIN
30A IG2 MAIN
10A INJ
5A HOT
10A IGN
7. 5A EFI NO. 3
7. 5A EFI NO. 2
A34 Junction Connector
E1(A), E2(B) Main Body ECU
ACCD
IG1D
SSW1
SSW2
AM1
AM2
IG2D
E59 Junction Connector
E39 Junction Connector
Free
Full Traveling
SS2
SS1
SGND
GND
B/B Engine-Bay Junction Connector
E62 Junction Connector
TAIL Relay
ACC Relay
IG1 NO. 1 Relay
IG1 NO. 2 Relay
IG1 NO. 3 Relay
15A TAIL
10A PANEL
7. 5A ACC
15A CIG
5A LH-IG
20A 4WD
5A ECU-IG No. 1
10A BK/UP LP
5A WINCH
10A A/C IG
10A ECU-IG No. 2
15A RR WIPER
20A WSH
30A WIPER
7. 5A OBD
7. 5A A/C
15A TI&TE
30A FR P/SEAT RH
15A MIR
30A FR P/SEAT LH
15A PWR OUTLET
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
IG NO. 4 Relay
20A SEAT-HTR
5A ECU-IG No. 4
15A DOOR DL
20A AHC-B
10A AHC-B No. 2
10A TV


(BAT)
5A
ECU-B2
(IG)
5A
ECU-IG
No. 1
(BAT)
30A
FR P/SEAT LH
R-W
G
L
c14(A), c15(B)
Front Position Control ECU
and Switch Assembly LH
SYSB
IG
+B
GND
RCL-
RCL+
LFT-
LFT+
SLD-
SLD+
FRV-
FRV+
MPX2
MPX1
c20
Front Power Seat Reclining
Position Motor Assembly LH
c18
Front Power Seat Lift
Position Motor Assembly LH
c17
Front Power Seat Slide
Position Motor Assembly LH
c19
Front Power Seat Vertical
Position Motor Assembly LH
c23
Junction Connector
Lumbar Support
c16
Front Power Seat Switch Assembly LH
c21
Front Lumbar Support Forward
and Back Motor Assembly LH
X1
Seat Memory Switch LH
SET
MRY
M1
M2
M3
E
MM
MSWE
I18(B)
Outer Mirror Control ECU Assembly
E76
Junction Connector
CANH
CANL
E1(A), E3(C)
Main Body ECU
CANP
CANN
DCTY
E29
Certification ECU
Assembly
E58
Junction Connector
Front Door Courtesy Light
Switch Assembly LH
10A
BK/UP LP
C244
Park/Neutral Position Switch
PL
RB
C44(B)
Junction Connector
A38(A), C45(B)
ECM
E72
Junction
Connector
E69
Junction Connector
E75
Junction Connector
* 1 : 2UZ-FE
* 2 : 1VD-FTV

* 1 : Lumbar Support Only
* 2 : Except *1

(BAT)
30A
FR P/SEAT
LH
4 2C
L
26 EK1
L
77 EK2
L
1 Kc1
L (*2)
L (*2)
L (*2)
1
+B
c25
Front Power Seat Switch Assembly LH
Rear
Reclining
Front
Down
Lift
Up
Rear
Slide
Front
Down
Front
Vertical
Up
RCL-
RCL+
LFT-
LFT+
SLD-
SLD+
FRV-
FRV+
GND
2
3
8
7
6
9
5
10
4
Y (*2)
GR (*2)
W (*2)
G (*2)
P (*2)
B (*2)
LG (*2)
R (*2)
W-B (*2)
1
2
M
c20
Front Power Seat Reclining
Position Motor Assembly LH
c18
Front Power Seat Lift
Position Motor Assembly LH
c17
Front Power Seat Slide
Position Motor Assembly LH
c19
Front Power Seat Vertical
Position Motor Assembly LH
W-B (*1)
W-B (*2)
W-B (*2)
W-B (*2)
W-B (*2)
W-B (*1)
6
9
8
3
c23
Junction
Connector
9 Kc1
W-B
K1
5
2
3
E2
E2
B
Lumbar Support
H
R
4
1
R
W
c16
Front Power Seat
Switch Assembly LH
c21
Front Lumbar Support Forward
and Back Motor Assembly LH


(BAT)
5A
ECU-B2
(IG)
5A
ECU-IG
No. 1
(BAT)
30A
FR P/SEAT RH
E61
Junction
Connector
c26(A), c27(B)
Front Position Control ECU
and Switch Assembly RH
SYSB
IG
+B
RCL-
RCL+
LFT-
LFT+
SLD-
SLD+
FRV-
FRV+
MPX2
MPX1
GND
p6
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
c12
Junction
Connector
Lumbar Support
c28
Front Power Seat Switch Assembly RH
c29
Front Lumbar Support Forward
and Back Motor Assembly RH
LY
X2
Seat Memory Switch RH
SET
MRY
M1
M2
M3
E
MM
MSWE
CANH
CANL
D4(B)
Outer Mirror Control
ECU Assembly
E29
Certification ECU Assembly
E76
Junction Connector
L29(A), L30(B)
Junction Connector
E1(A), E3(C)
Main Body ECU
CANP
CANN
DCTY
CANL
CANH
E73
Junction Connector
E61
Junction Connector
L1
Front Door Courtesy Light
Switch Assembly RH
E72
Junction Connector
C24
Park/Neutral Position Switch
C46(B)
Junction Connector
A52(D), C46(C)
ECM
(IG)
10A
BK/UP LP
* 1 : 2UZ-FE
* 2 : 1VD-FTV

* 1 : Lumbar Support Only
* 2 : Except *1

(BAT)

30A
FR P/SEAT
RH

36 2D

L

77 EL1

L

1 Lc1

L

L (*2)

L (*2)

L (*2)

L (*2)

1

c2
Front Power Seat Switch Assembly RH

+B

Rear
Reclining
Front

Down
Lift
Up

Rear
Slide
Front

Down
Front
Vertical
Up

RCL-
RCL+
LFT-
LFT+
SLD-
SLD+
FRV-
FRV+
GND

2 Y (*2) 1
3 GR (*2) 2
7 W (*2) 2
8 G (*2) 1
6 P (*2) 1
9 B (*2) 2
10 LG (*2) 1
5 R (*2) 2

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

4 W-B (*2) 6
W-B (*2) 9
W-B (*2) 8

c12
Junction
Connector

3 W-B (*2)
W-B (*1)

9 Lc1

W-B

L1

W-B
(*1)

W-B (*1)
5
W-B (*2)
2
W-B (*2)
3

E
E
B

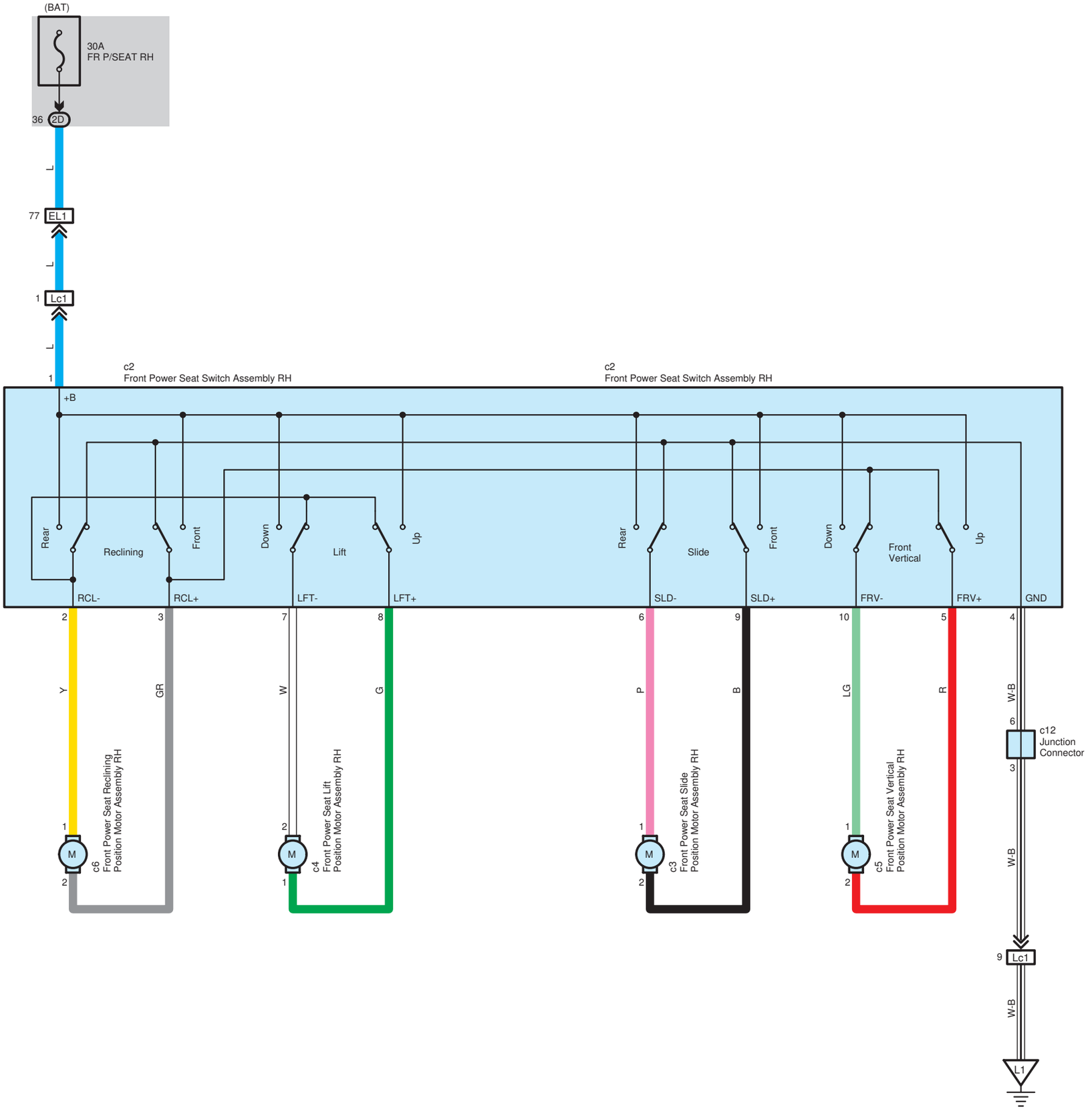
Lumbar Support

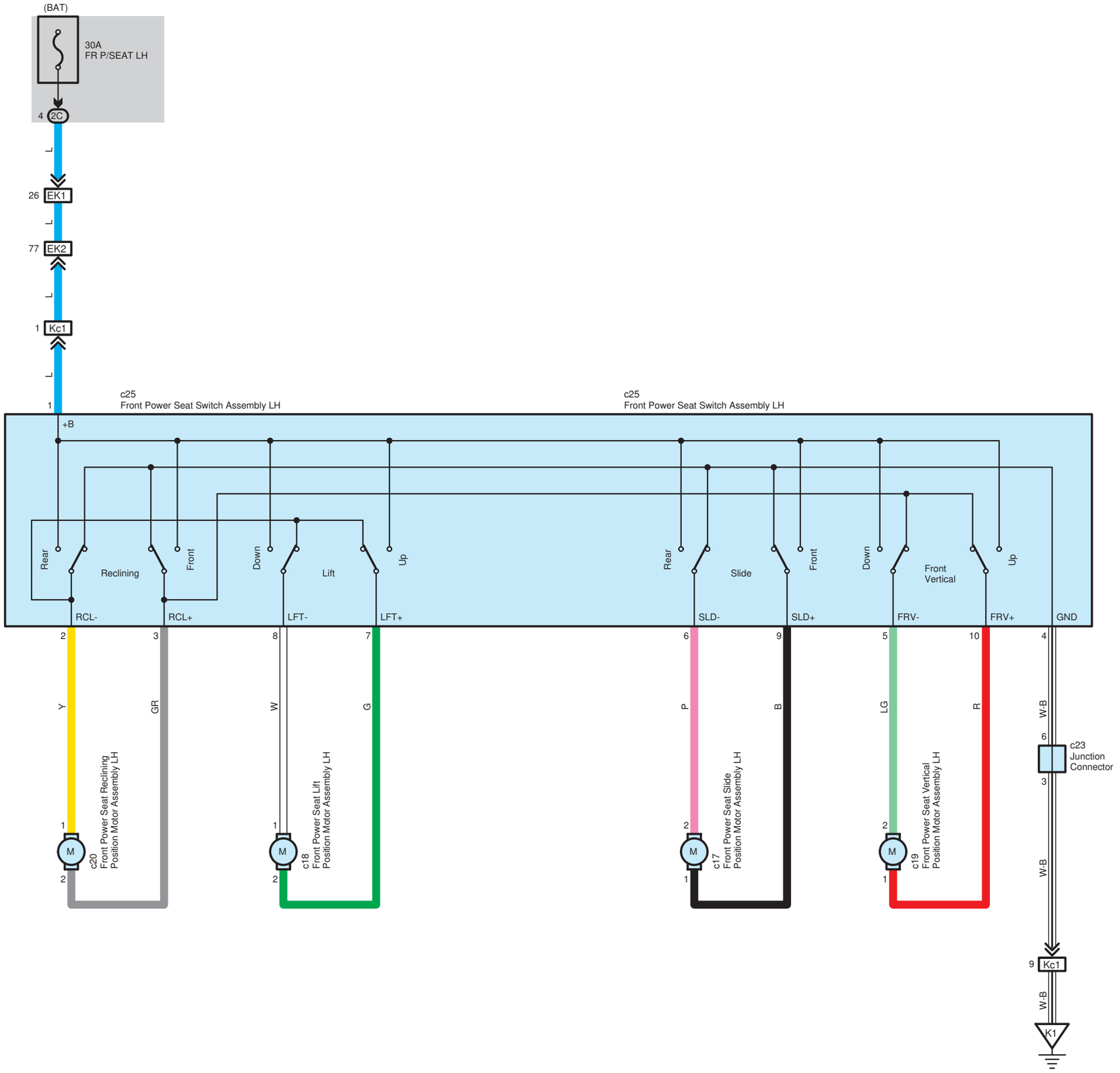
H
R

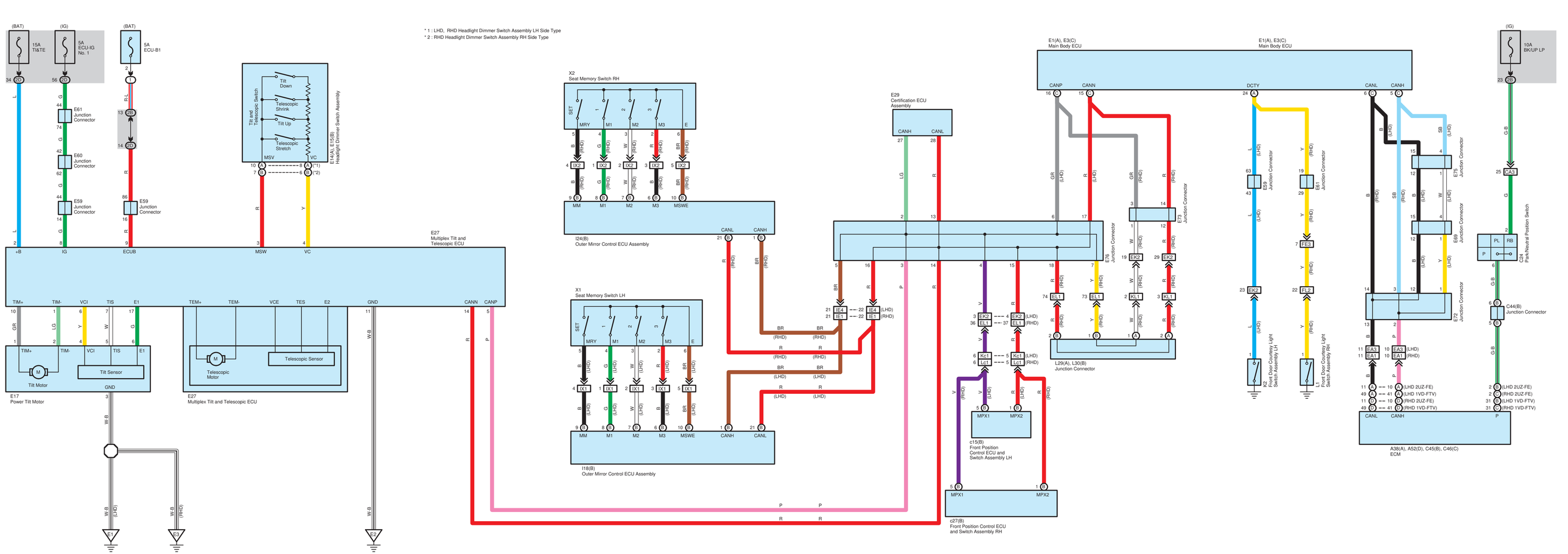
4 R 2
1 W

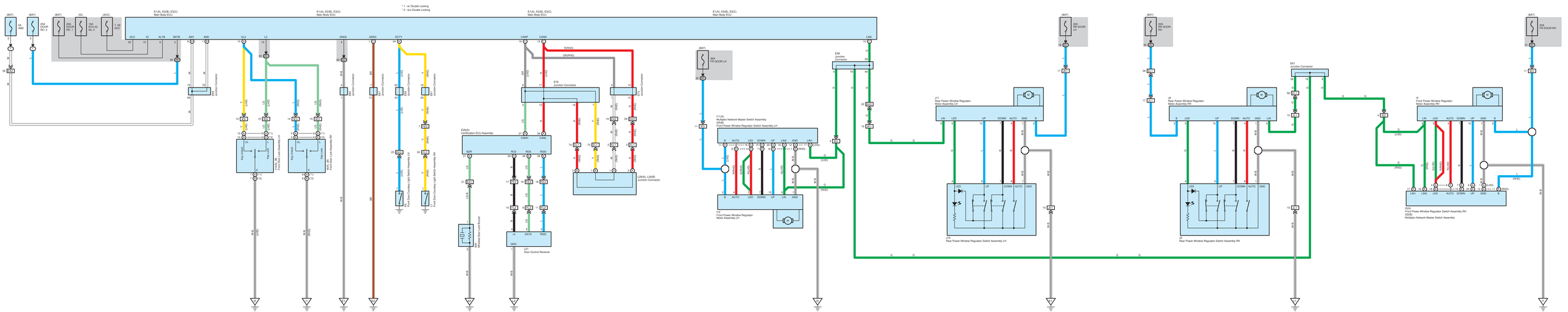
c29
Front Lumbar Support Forward
and Back Motor Assembly RH


c28
Front Power Seat Switch Assembly RH

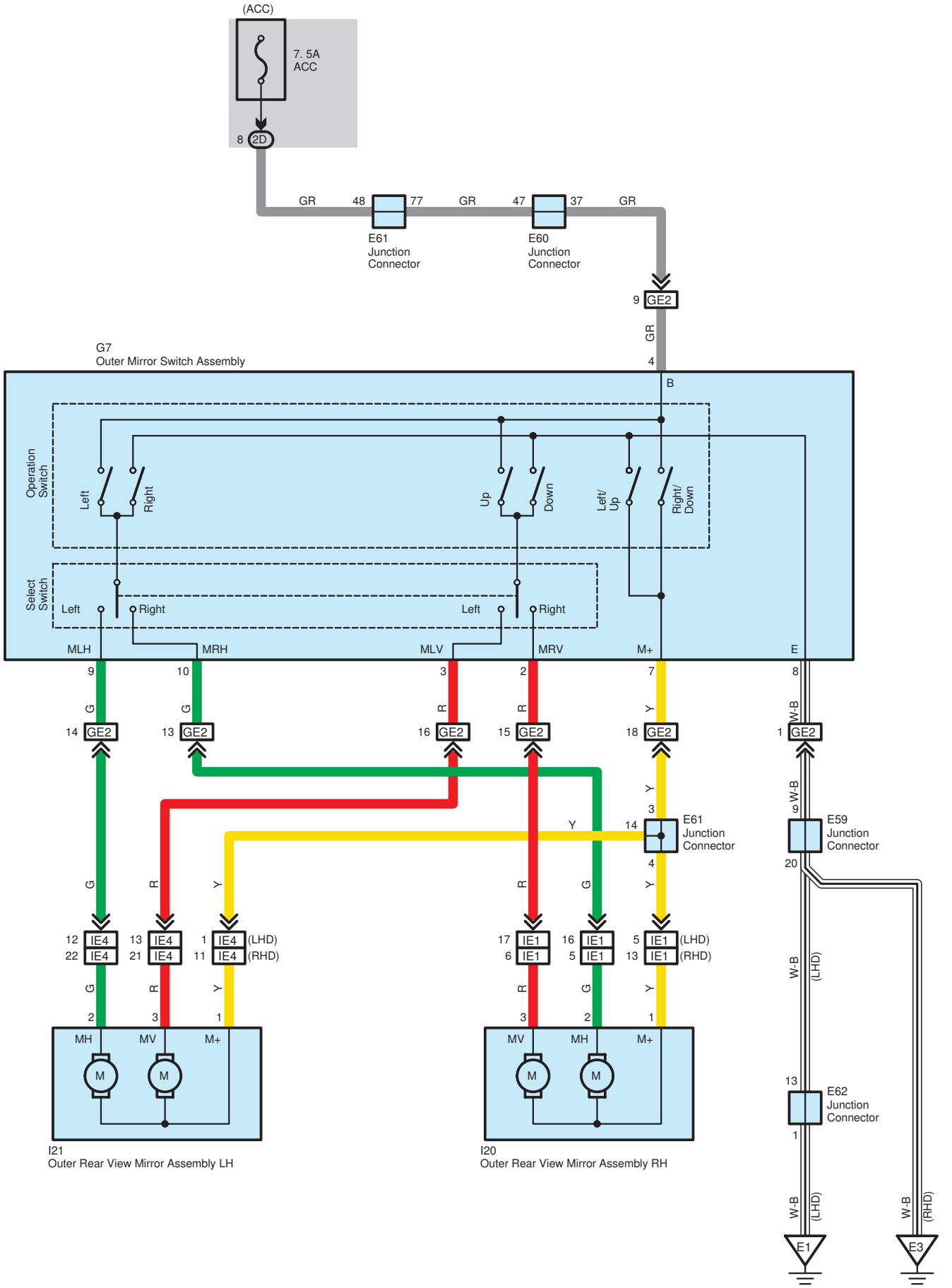

(BAT)
30A
FR P/SEAT RH
36
2D
L
77
EL1
L
1
Lc1
L
1
c2
Front Power Seat Switch Assembly RH
c2
Front Power Seat Switch Assembly RH
+B
Rear
Reclining
Front
Down
Lift
Up
Rear
Slide
Front
Down
Front
Vertical
Up
RCL-
RCL+
LFT-
LFT+
SLD-
SLD+
FRV-
FRV+
GND
2
3
7
8
6
9
10
5
4
Y
GR
W
G
P
B
LG
R
W-B
6
c12
Junction
Connector
3
W-B
M
1
2
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
9
Lc1
W-B
L1

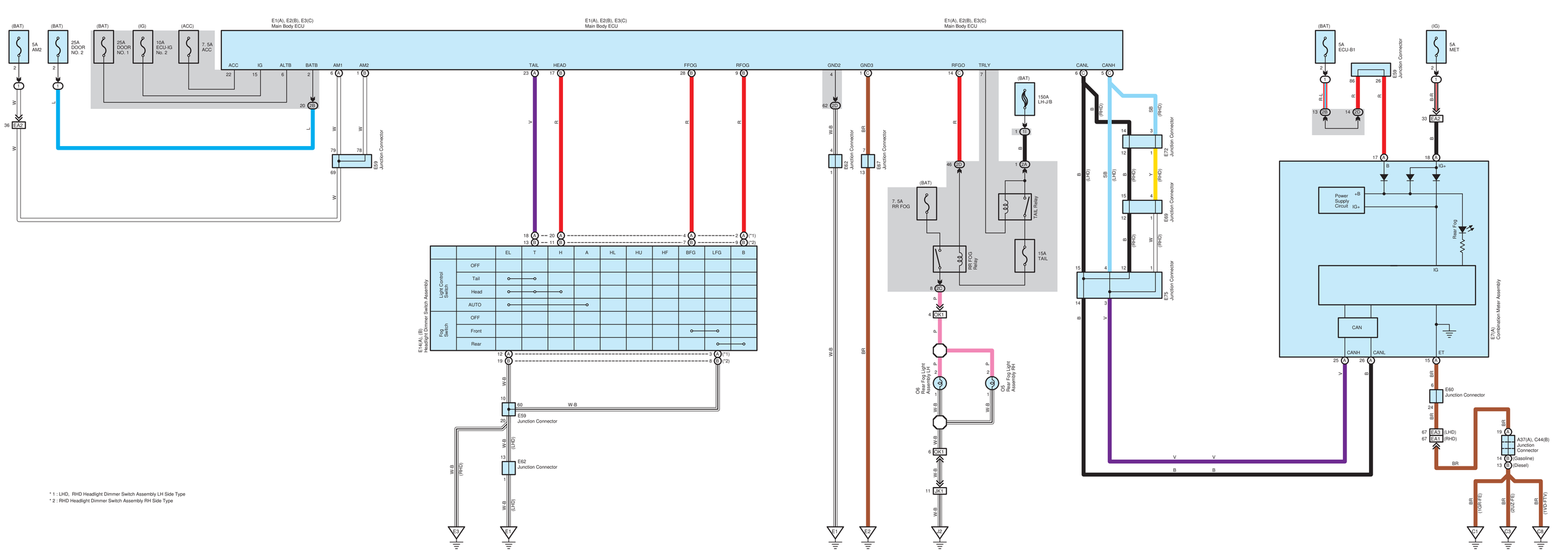

(BAT)
30A
FR P/SEAT LH
4 2C
L
26 EK1
L
77 EK2
L
1 Kc1
L
1
c25
Front Power Seat Switch Assembly LH
+B
Rear
Reclining
Front
Down
Lift
Up
RCL-
RCL+
LFT-
LFT+
2
3
8
7
Y
GR
W
G
1
M
2
c20
Front Power Seat Reclining
Position Motor Assembly LH
c18
Front Power Seat Lift
Position Motor Assembly LH
c25
Front Power Seat Switch Assembly LH
Rear
Slide
Front
Down
Front
Vertical
Up
SLD-
SLD+
FRV-
FRV+
GND
6
9
5
10
4
P
B
LG
R
W-B
c17
Front Power Seat Slide
Position Motor Assembly LH
c19
Front Power Seat Vertical
Position Motor Assembly LH
c23
Junction
Connector
9 Kc1
K1

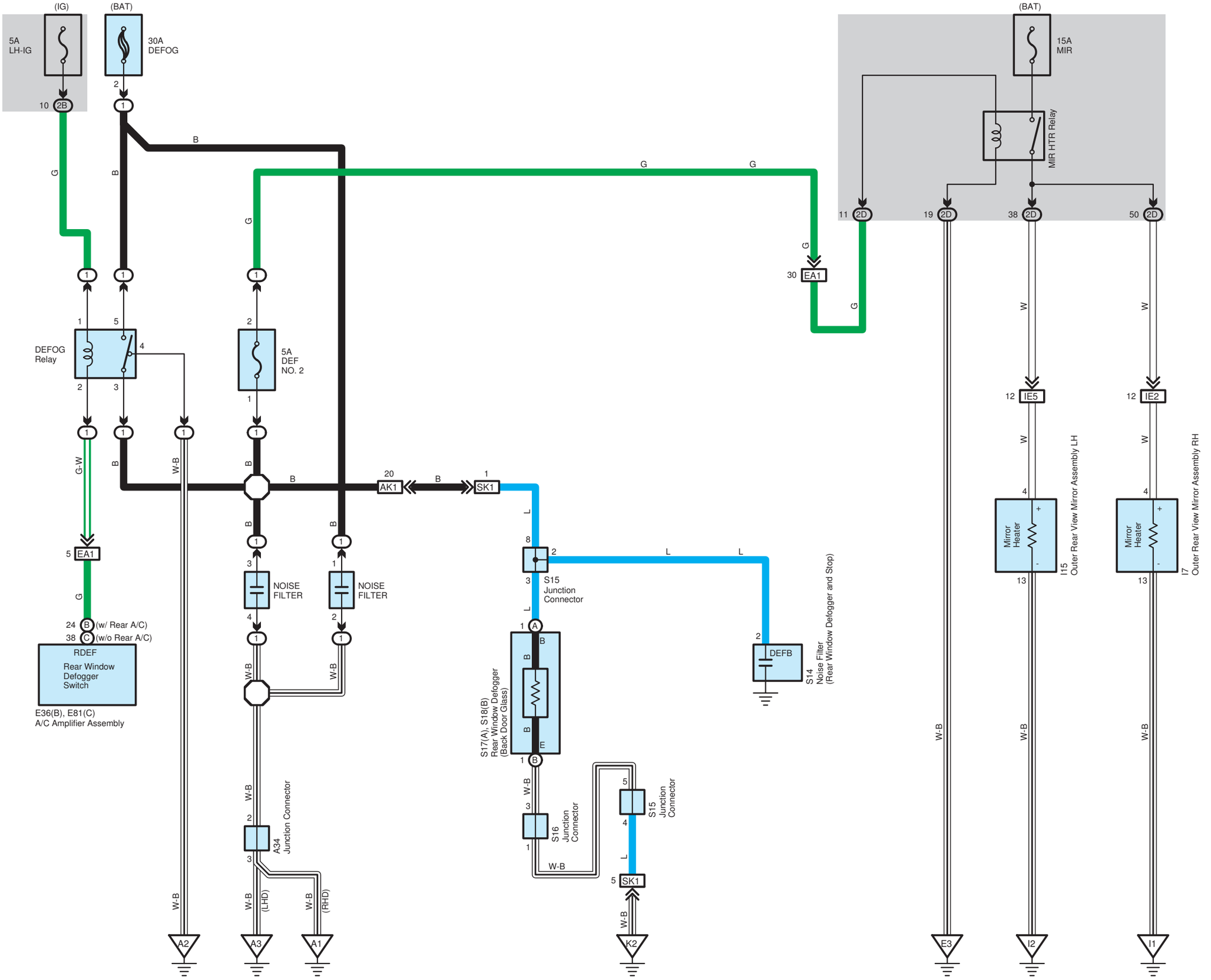

* 1 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 2 : RHD Headlight Dimmer Switch Assembly RH Side Type
(BAT)
15A TI&TE
(IG)
5A ECU-IG No. 1
(BAT)
5A ECU-B1
Tilt and Telescopic Switch
Tilt Down
Telescopic Shrink
Tilt Up
Telescopic Stretch
MSV
VC
E14(A), E15(B) Headlight Dimmer Switch Assembly
E61 Junction Connector
E60 Junction Connector
E59 Junction Connector
E59 Junction Connector
+B
IG
ECUB
MSW
VC
E27 Multiplex Tilt and Telescopic ECU
TIM+
TIM-
VCI
TIS
E1
TEM+
TEM-
VCE
TES
E2
GND
CANN
CANP
Tilt Motor
Tilt Sensor
Telescopic Motor
Telescopic Sensor
E17 Power Tilt Motor
E27 Multiplex Tilt and Telescopic ECU
W-B
E1 (LHD)
E3 (RHD)
E2
X2 Seat Memory Switch RH
SET
MRY
M1
M2
M3
E
MM
MSWE
I24(B) Outer Mirror Control ECU Assembly
X1 Seat Memory Switch LH
I18(B) Outer Mirror Control ECU Assembly
CANL
CANH
E29 Certification ECU Assembly
IE4
IE1
(LHD)
(RHD)
E1(A), E3(C) Main Body ECU
DCTY
E76 Junction Connector
E73 Junction Connector
L29(A), L30(B) Junction Connector
EK2
EL1
KL1
c15(B) Front Position Control ECU and Switch Assembly LH
c27(B) Front Position Control ECU and Switch Assembly RH
MPX1
MPX2
Kc1
Lc1
K2 Front Door Courtesy Light Switch Assembly LH
L1 Front Door Courtesy Light Switch Assembly RH
E59 Junction Connector
E61 Junction Connector
10A BK/UP LP
E75 Junction Connector
E72 Junction Connector
C24 Park/Neutral Position Switch
C44(B) Junction Connector
EA3
EA1
A38(A), A52(D), C45(B), C46(C) ECM
(LHD 2UZ-FE)
(RHD 2UZ-FE)
(LHD 1VD-FTV)
(RHD 1VD-FTV)

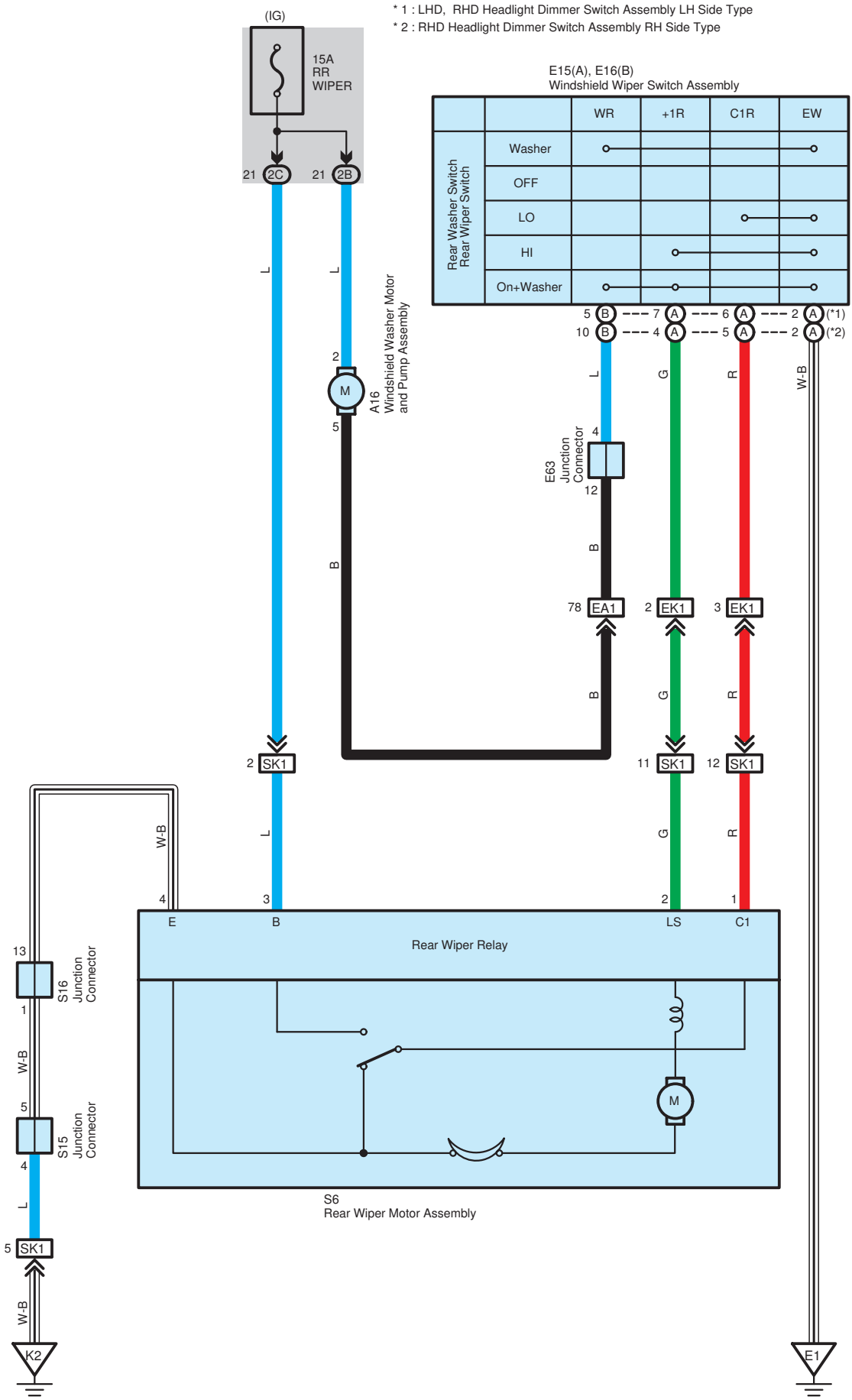

*1 : w/ Double Locking
*2 : w/o Double Locking
(BAT)
5A AM2
(BAT)
20A DOOR NO. 2
(BAT)
20A DOOR NO. 1
(IG)
10A ECU-IG No. 2
(ACC)
7.5A ACC
E1(A), E2(B), E3(C)
Main Body ECU
ACC
IG
ALTB
BATB
AM1
AM2
Junction Connector
ULS
LS
Key Cylinder Lock Switch
Front Door Lock Assembly LH
Key Cylinder Lock Switch
Front Door Lock Assembly RH
GND2
GND3
Body Ground
OCTY
Front Door Courtesy Light Switch Assembly LH
Front Door Courtesy Light Switch Assembly RH
CANP
CANM
R(RHD)
GR(RHD)
E76
Junction Connector
E29(A)
Certification ECU Assembly
CANH
CANL
SZR
RCS
RDA
RSS
Wireless Door Lock Buzzer
DATA
GND
LD
Door Control Receiver
E29(A), L30(B)
Junction Connector
LRQ
(BAT)
20A FR DOOR LH
11(A)
Multiplex Network Master Switch Assembly
(w/ Double Locking)
Front Power Window Regulator Switch Assembly LH
AUTO
LED
DOWN
UP
LIN
GND
B
12
Front Power Window Regulator Motor Assembly LH
E58
Junction Connector
(BAT)
20A RR DOOR LH
J11
Rear Power Window Regulator Motor Assembly LH
J10
Rear Power Window Regulator Switch Assembly LH
(BAT)
20A RR DOOR RH
J4
Rear Power Window Regulator Motor Assembly RH
J9
Rear Power Window Regulator Switch Assembly RH
E61
Junction Connector
(BAT)
20A FR DOOR RH
H
Front Power Window Regulator Motor Assembly RH
15(A)
Front Power Window Regulator Switch Assembly RH
(22(B)
Multiplex Network Master Switch Assembly

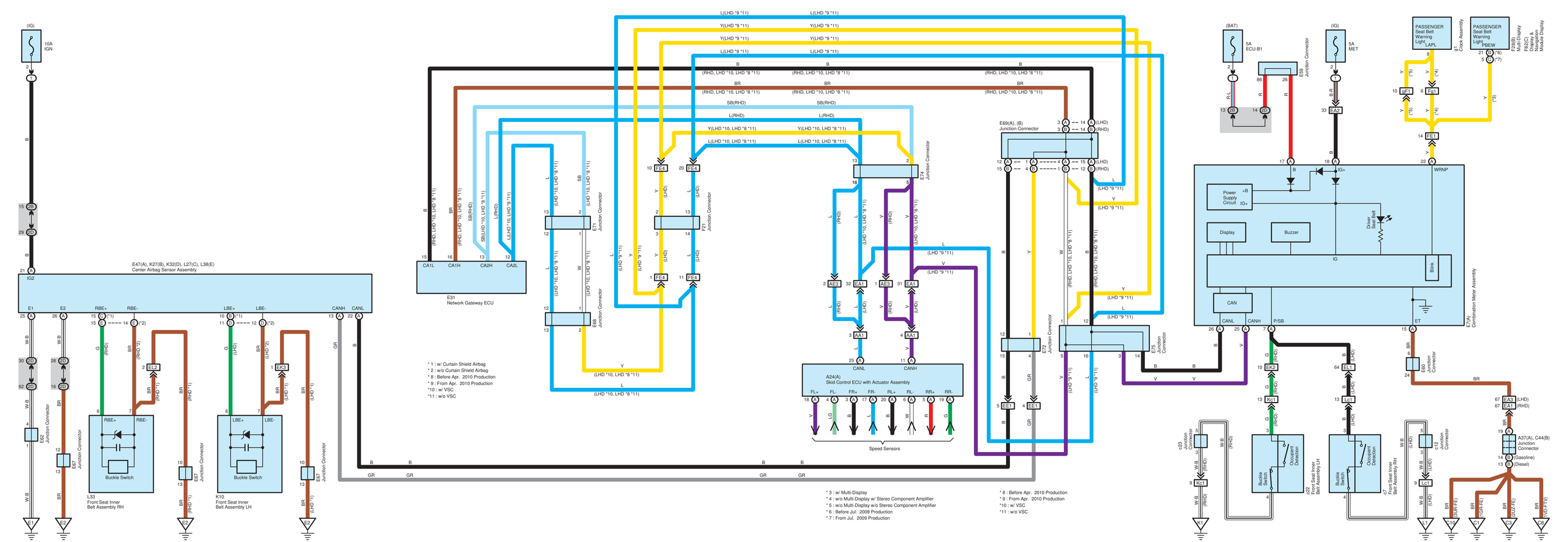

E1(A), E2(B), E3(C)
Main Body ECU
(BAT)
5A
AM2
25A
DOOR
NO. 2
25A
DOOR
NO. 1
(IG)
10A
ECU-IG
No. 2
(ACC)
7. 5A
ACC
15A
MIR
10A
BK/UP LP
E59
Junction Connector
E62
Junction Connector
E67
Junction Connector
E61
Junction Connector
E60
Junction Connector
G1(A), G2(B)
Outer Mirror Switch Assembly
I17(A), I18(B)
Outer Mirror Control ECU Assembly
I23(A), I24(B)
Outer Mirror Control ECU Assembly
X1
Seat Memory Switch LH
X2
Seat Memory Switch RH
* 1 : LHD w/ Seat Position Memory
* 2 : RHD w/ Seat Position Memory
* 3 : Before Apr. 2010 Production
* 4 : From Apr. 2010 Production
* 5 : w/ VSC
* 6 : w/o VSC
E76
Junction Connector
E73
Junction Connector
L29(A), L30(B)
Junction Connector
E72
Junction Connector
E69
Junction Connector
F21
Junction Connector
E75
Junction Connector
C24
Park/Neutral Position Switch
C44(B)
Junction Connector
A38(A), A52(D), C45(B), C46(C)
ECM
(LHD 2UZ-FE)
(RHD 2UZ-FE)
(LHD 1VD-FTV)
(RHD 1VD-FTV)
I15
Outer Rear View Mirror Assembly LH
I7
Outer Rear View Mirror Assembly RH


(ACC)
7. 5A
ACC
8
2D
GR
48
77
GR
47
37
GR
E61
Junction
Connector
E60
Junction
Connector
9
GE2
GR
4
G7
Outer Mirror Switch Assembly
B
Operation
Switch
Left
Right
Up
Down
Left/
Up
Right/
Down
Select
Switch
Left
Right
Left
Right
MLH
MRH
MLV
MRV
M+
E
9
10
3
2
7
8
G
G
R
R
Y
W-B
14
GE2
13
GE2
16
GE2
15
GE2
18
GE2
1
GE2
Y
3
14
E61
Junction
Connector
4
Y
W-B
9
E59
Junction
Connector
20
G
R
Y
R
G
Y
12
IE4
22
IE4
13
IE4
21
IE4
1
IE4
(LHD)
11
IE4
(RHD)
17
IE1
6
IE1
16
IE1
5
IE1
5
IE1
(LHD)
13
IE1
(RHD)
W-B
(LHD)
G
R
Y
R
G
Y
2
3
1
3
2
1
MH
MV
M+
MV
MH
M+
M
M
M
M
13
E62
Junction
Connector
1
I21
Outer Rear View Mirror Assembly LH
I20
Outer Rear View Mirror Assembly RH
W-B
(LHD)
W-B
(RHD)
E1
E3


(BAT)
5A AM2
25A DOOR NO. 2
(BAT)
25A DOOR NO. 1
(IG)
10A ECU-IG No. 2
(ACC)
7.5A ACC
E1(A), E2(B), E3(C) Main Body ECU
ACC
IG
ALTB
BATB
AM1
AM2
TAIL
HEAD
FFOG
RFOG
GND2
GND3
RFGO
TRLY
CANL
CANH
36 EA2
E68 Junction Connector
E14(A), (B) Headlight Dimmer Switch Assembly
Light Control Switch
OFF
Tail
Head
AUTO
Fog Switch
OFF
Front
Rear
EL
T
H
A
HL
HU
HF
BFG
LFG
B
E59 Junction Connector
E62 Junction Connector
E67 Junction Connector
E72 Junction Connector
E69 Junction Connector
E75 Junction Connector
(BAT)
150A LH-J/B
TAIL Relay
15A TAIL
7.5A RR FOG
RR FOG Relay
O5 Rear Fog Light Assembly LH
O5 Rear Fog Light Assembly RH
(BAT)
5A ECU-B1
(IG)
5A MET
E59 Junction Connector
E71(A) Combination Meter Assembly
Power Supply Circuit
+B
IG+
Rear Fog
IG
CAN
CANH
CANL
ET
E60 Junction Connector
EA3 (LHD)
EA1 (RHD)
A37(A), C44(B) Junction Connector
(Gasoline)
(Diesel)
C1
C3
C4
(1GR-FE)
(2UZ-FE)
(1VD-FTV)
* 1 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 2 : RHD Headlight Dimmer Switch Assembly RH Side Type


(IG)
(BAT)
5A
LH-IG
30A
DEFOG
10 2B
2
1
B
G
G
G
G
G
30 EA1
(BAT)
15A
MIR
MIR HTR Relay
11 2D
19 2D
38 2D
50 2D
DEFOG
Relay
1
5
4
2
3
5A
DEF
NO. 2
2
1
G-W
W-B
B
20 AK1
1 SK1
L
L
L
8
2
3 S15
Junction
Connector
L
1 A
B
B
B
B
1 B
W-B
3
S16
Junction
Connector
1
W-B
5
4
L
5 SK1
W-B
S15
Junction
Connector
S17(A), S18(B)
Rear Window Defogger
(Back Door Glass)
DEFB
S14
Noise Filter
(Rear Window Defogger and Stop)
NOISE
FILTER
NOISE
FILTER
3
4
1
2
1
1
W-B
W-B
W-B
2
3
A34
Junction Connector
W-B
(LHD)
W-B
(RHD)
5 EA1
G
24 B (w/ Rear A/C)
38 C (w/o Rear A/C)
RDEF
Rear Window
Defogger
Switch
E36(B), E81(C)
A/C Amplifier Assembly
W-B
A2
A3
A1
K2
W
W
W
12 IE5
12 IE2
4
13
Mirror
Heater
+
-
I15
Outer Rear View Mirror Assembly LH
I7
Outer Rear View Mirror Assembly RH
W-B
W-B
W-B
E3
I2
I1


* 1 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 2 : RHD Headlight Dimmer Switch Assembly RH Side Type
(IG)
15A
RR
WIPER
21 2C
21 2B
E15(A), E16(B)
Windshield Wiper Switch Assembly
WR
+1R
C1R
EW
Rear Washer Switch
Rear Wiper Switch
Washer
OFF
LO
HI
On+Washer
5 B
10 B
7 A
4 A
6 A
5 A
2 A (*1)
2 A (*2)
L
G
R
W-B
B
2
M
5
A16
Windshield Washer Motor
and Pump Assembly
4
E63
Junction
Connector
12
78 EA1
2 EK1
3 EK1
2 SK1
11 SK1
12 SK1
4
3
2
1
E
B
LS
C1
Rear Wiper Relay
13
1
S16
Junction
Connector
5
4
S15
Junction
Connector
5 SK1
K2
E1
S6
Rear Wiper Motor Assembly


(IG)
10A
IGN
E47(A), K27(B), K32(D), L27(C), L38(E)
Center Airbag Sensor Assembly
IG2
E1
E2
RBE+
RBE-
LBE+
LBE-
CANH
CANL
Buckle Switch
L33
Front Seat Inner
Belt Assembly RH
K10
Front Seat Inner
Belt Assembly LH
E62 Junction Connector
E67 Junction Connector
E31
Network Gateway ECU
CA1L
CA1H
CA2H
CA2L
E71 Junction Connector
E68 Junction Connector
F21 Junction Connector
E74 Junction Connector
E69(A), (B) Junction Connector
E72 Junction Connector
E75 Junction Connector
A24(A)
Skid Control ECU with Actuator Assembly
CANL
CANH
FL+
FL-
FR+
FR-
RL+
RL-
RR+
RR-
Speed Sensors
* 1 : w/ Curtain Shield Airbag
* 2 : w/o Curtain Shield Airbag
* 8 : Before Apr. 2010 Production
* 9 : From Apr. 2010 Production
*10 : w/ VSC
*11 : w/o VSC
* 3 : w/ Multi-Display
* 4 : w/o Multi-Display w/ Stereo Component Amplifier
* 5 : w/o Multi-Display w/o Stereo Component Amplifier
* 6 : Before Jul. 2009 Production
* 7 : From Jul. 2009 Production
* 8 : Before Apr. 2010 Production
* 9 : From Apr. 2010 Production
*10 : w/ VSC
*11 : w/o VSC
(BAT)
5A
ECU-B1
E59 Junction Connector
(IG)
5A
MET
PASSENGER
Seat Belt
Warning
Light
LAPL
PASSENGER
Seat Belt
Warning
Light
PBEW
G1 Clock Assembly
P28(B) Multi-Display Control & Display & Navigation Module Display
Power
Supply
Circuit
+B
IG+
Display
Buzzer
Driver
Seat Belt
Buck.
IG
CAN
CANL
CANH
P/SB
ET
WRNP
E7(A) Combination Meter Assembly
E60 Junction Connector
c23 Junction Connector
c22 Front Seat Inner Belt Assembly LH
c12 Junction Connector
c7 Front Seat Inner Belt Assembly RH
Occupant Detection
A37(A), C44(B) Junction Connector
(Gasoline)
(Diesel)
K1
L1
C16
C1
C3
C4
(1UR-FE)
(2UZ-FE)
(VD-FE)

* 1 : Before Jul. 2009 Production
* 2 : From Jul. 2009 Production

(IG)
20A
SEAT-HTR
3 3B
10 3C
G
17 EK1
G
17 Kc1
G
4
9 Kc1
W-B
K1

c13
Front Seat Heater Assembly LH
Seat Back
Seat Cushion
Thermistor
Seat Heater Control
B E THL SWL
6 W-B
5 BR
24 Kc1
BR
43 EK1
BR
15 VE2
BR
3
1 B
18 Kc1
B
44 EK1
B
14 VE2
B
4
c23
Junction Connector
4
3
W-B

(IG)
5A
LH-IG
55 2D
G
100
E58
Junction
Connector
60
G
13 VE2
G
2

G
G
G

RV SW IG SW RV
3 4 2 6 1
E
7 W-B
1 VE1 (*1)
1 VE3 (*2)
W-B
9
E66
Junction
Connector
1
W-B
E2

V1
Seat Heater Switch

V1
Seat Heater Switch

c1
Front Seat Heater Assembly RH
Seat Back
Seat Cushion
Thermistor
Seat Heater Control
SWR THR E B1
1 B
18 Lc1
B
59 EL1
B
16 VE2
B
6
5 BR
24 Lc1
BR
60 EL1
BR
17 VE2
BR
1
6 W-B
4
3
W-B
c12
Junction Connector
G
4
17 Lc1
G
9 Lc1
W-B
L1

(BAT)

20A
RR S/HTR

IG1D
3 A
E1(A)
Main Body ECU

G

W-B

L

1
1
1
5
IG1 NO. 5
Relay
2
3
1
1

G
G
G

59 EA1

G

77
E59
Junction Connector
67

G

1
A34
Junction Connector
3

W-B

A3

1
AK1

d2
Rear Seat Heater LH

Seat Back
Seat Cushion
Thermistor
Seat Heater Control

B
E
THL
SWL

4
6
5
1

G
W-B
W
B

5 Kd1
1 Kd1
2 Kd1
3 Kd1

G
W-B
W
B

67 EK2
66 EK2

W
B

11
5

RLY
COM

Rear Seat Heater Switch

E55
No. 2 A/C Control Assembly

(IG)

10A
ECU-IG
No. 2

7 2D

G

51
E60
Junction Connector
1

G

6

IG

W-B

K1

G
G

d1
Rear Seat Heater RH

Seat Back
Seat Cushion
Thermistor
Seat Heater Control

THR
SWR
E
B

5
1
6
4

W
B
W-B
G

2 Ld1
3 Ld1
1 Ld1
5 Ld1

W
B
W-B
G

21 EL1
20 EL1

W
B

9
3

RLY
COM

Rear Seat Heater Switch

E55
No. 2 A/C Control Assembly

E
1

W-B

70
E59
Junction Connector
20

W-B
(LHD)

W-B
(RHD)

13
E62
Junction Connector
1

W-B
(LHD)

E3

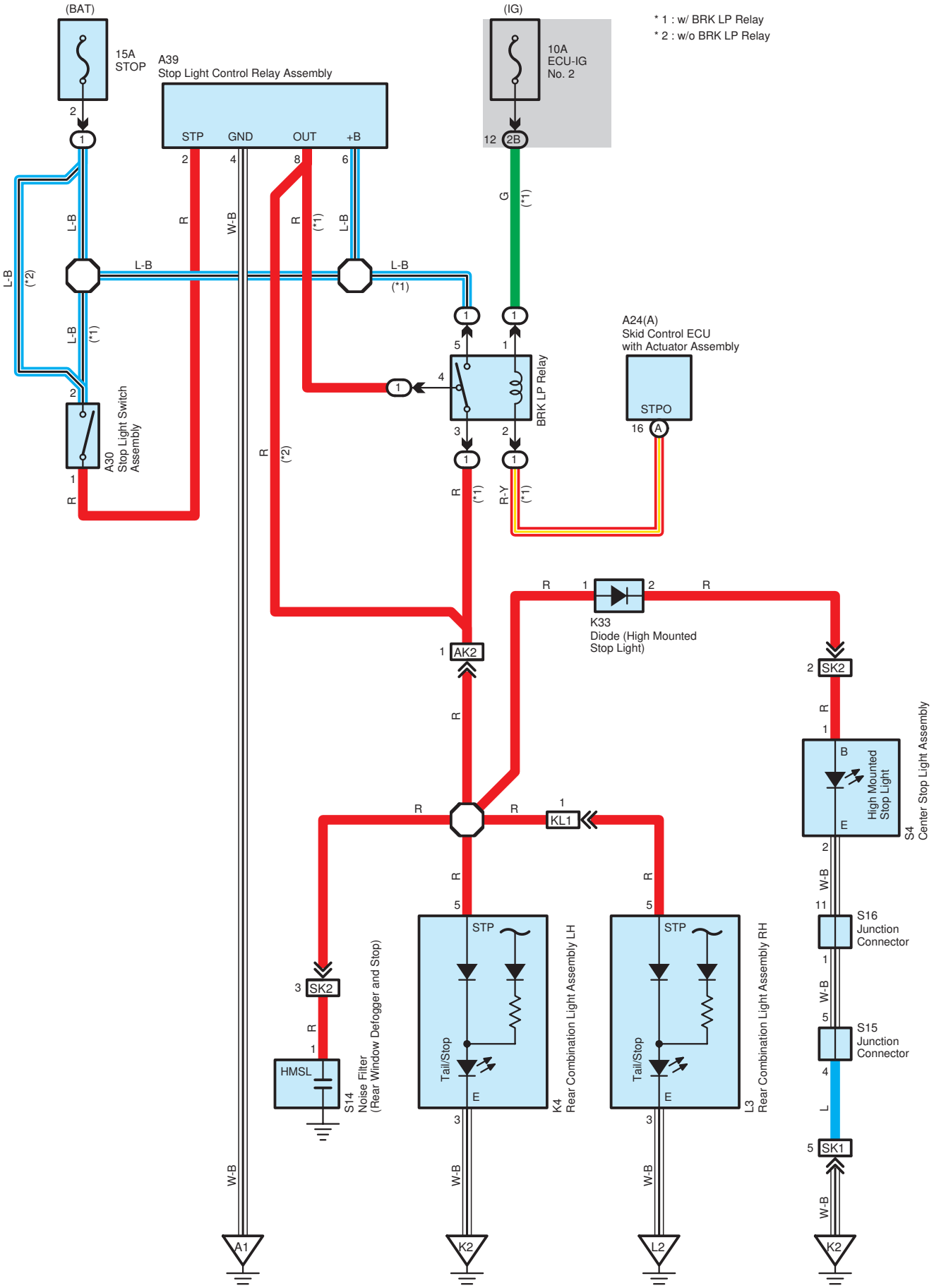
E1

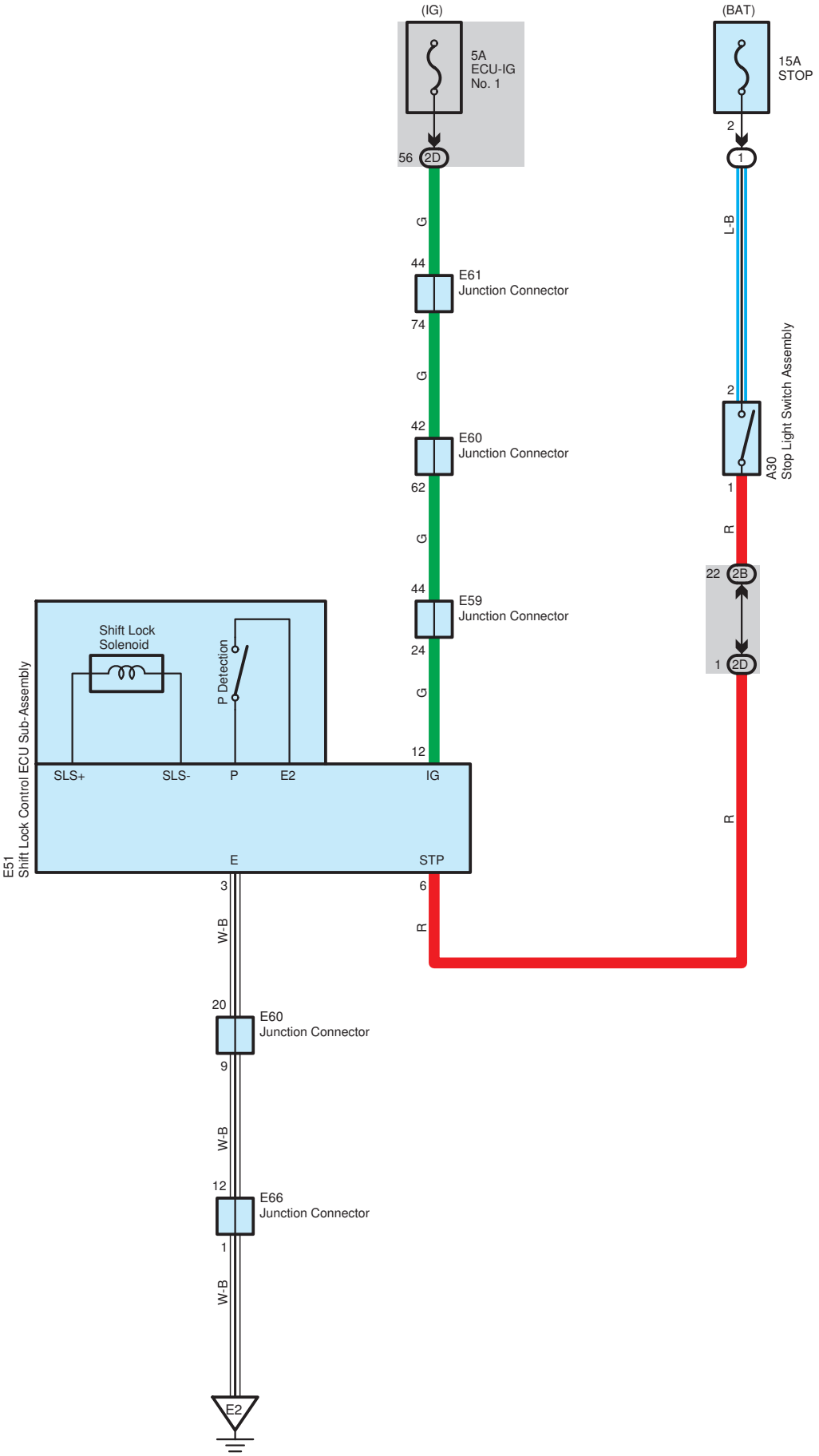
G

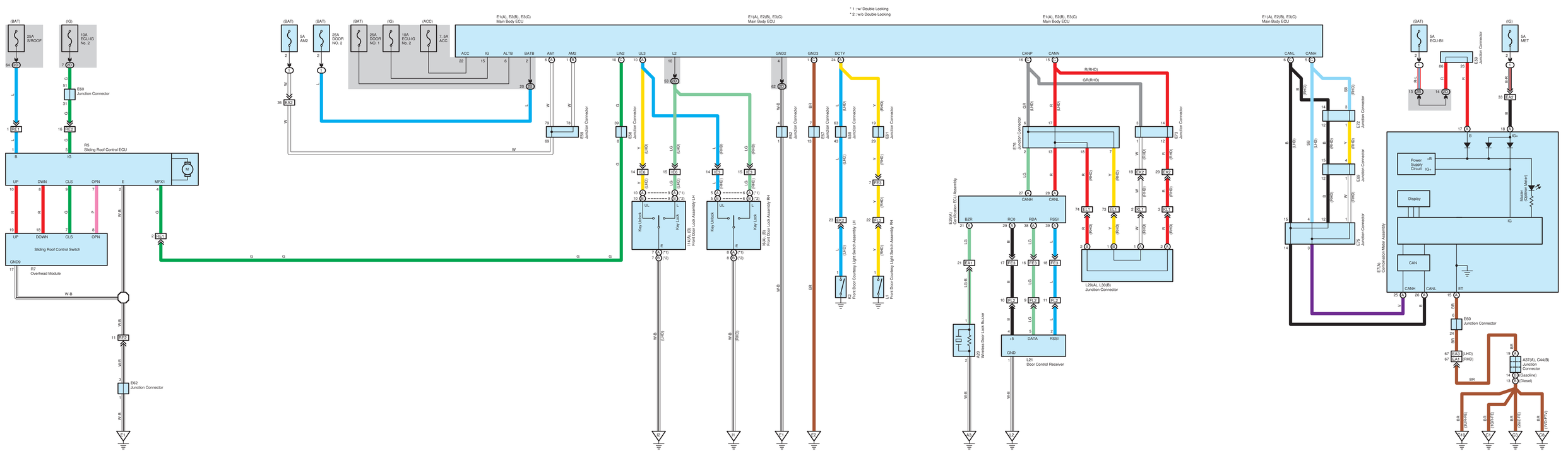
3 AL1

W-B

L2


(BAT)
15A
STOP
A39
Stop Light Control Relay Assembly
STP
GND
OUT
+B
(IG)
10A
ECU-IG
No. 2
* 1 : w/ BRK LP Relay
* 2 : w/o BRK LP Relay
L-B
(*2)
(*1)
R
W-B
G
BRK LP Relay
A24(A)
Skid Control ECU
with Actuator Assembly
STPO
A30
Stop Light Switch
Assembly
R-Y
K33
Diode (High Mounted
Stop Light)
AK2
SK2
KL1
High Mounted
Stop Light
S4
Center Stop Light Assembly
S16
Junction
Connector
S15
Junction
Connector
SK1
HMSL
S14
Noise Filter
(Rear Window Defogger and Stop)
Tail/Stop
K4
Rear Combination Light Assembly LH
L3
Rear Combination Light Assembly RH
A1
K2
L2


(IG)
5A
ECU-IG
No. 1
56
2D
G
44
E61
Junction Connector
74
G
42
E60
Junction Connector
62
G
44
E59
Junction Connector
24
G
12
(BAT)
15A
STOP
2
1
L-B
2
A30
Stop Light Switch Assembly
1
R
22
2B
1
2D
R
E51
Shift Lock Control ECU Sub-Assembly
Shift Lock
Solenoid
P Detection
SLS+
SLS-
P
E2
IG
E
STP
3
W-B
20
E60
Junction Connector
9
W-B
12
E66
Junction Connector
1
W-B
E2
6
R


* 1 : w/ Double Locking
* 2 : w/o Double Locking
(BAT)
25A S/ROOF
64 2H
(IG)
10A ECU-IG No. 2
7 2D
E60 Junction Connector
51
31
1 RE1
16 RE2
5
R5 Sliding Roof Control ECU
B
IG
UP
DWN
CLS
OPN
E
MPX1
10 B
8 R
9 G
7 R
2 W-B
4 G
19 B
18 R
17 G
8 B
Sliding Roof Control Switch
GND9
17
R7 Overhead Module
W-B
2 RE1
G
11 RE2
W-B
3
E62 Junction Connector
1
W-B
E1
(BAT)
5A AM2
2
1
W
36 EA2
W
(BAT)
25A DOOR NO. 2
2
L
(BAT)
25A DOOR NO. 1
(IG)
10A ECU-IG No. 2
(ACC)
7.5A ACC
E1(A), E2(B), E3(C)
Main Body ECU
ACC
IG
ALTB
BATB
22
15
6
2
20 2B
AM1
AM2
1 A
7 B
W
79
78
69
W
E59 Junction Connector
W
10 A
LIN2
10 B
8
G
E59 Junction Connector
Y (LHD)
14 E6
Y (LHD)
10 A
10 B
Key Unlock
Key Lock
UL
L
E
7 A (*1)
7 B (*2)
W-B (LHD)
G1
UL3
10 A
L2
10 B
50 2B
LG (LHD)
15 E6
LG (LHD)
6 A
6 B
Front Door Lock Assembly LH
LH(A), IB
W-B (LHD)
G1
L (RHD)
14 E3
L (RHD)
1 A
5 B
Key Unlock
Key Lock
UL
L
E
8 A (*1)
8 B (*2)
W-B (RHD)
G1
LG (RHD)
15 E3
LG (RHD)
5 A
6 B
Front Door Lock Assembly RH
RH(A), IB
GND2
4
R 2D
W-B
4
E59 Junction Connector
1
W-B
E1
GND3
7
BR
7
B7 Junction Connector
13
BR
E2
DCTY
24 A
L
63
E59 Junction Connector
43
L
23 EA2
L
1
32
Front Door Courtesy Light Switch Assembly LH
E1
Y (RHD)
19
Y (RHD)
29
Y (RHD)
7 EB3
Y (RHD)
22 EA2
Y (RHD)
1
Front Door Courtesy Light Switch Assembly RH
E1
CANP
16 C
CANH
15 C
R(RHD)
GR(RHD)
E76 Junction Connector
GR (LHD)
6
R (LHD)
17
2
13
LG
R
27 A
CANH
28 B
CANL
E74 Certification ECU Assembly
BZR
21
LG
21 EA1
LG-B
A20 Interior Door Lock Buzzer
1
2
W-B
E3
E73 Junction Connector
3
14
12
R (RHD)
18
7
Y (RHD)
74 EL1
R
73 EL1
Y (RHD)
2 A
1 B
L29(A), L30(B) Junction Connector
RC0
29
RDA
38
RSSI
39
17 RE3
16 RE3
18 RE3
10 RE2
9 EJ1
11 RE2
+5
DATA
RSSI
GND
1
L21 Door Control Receiver
W-B
E3
CANL
6 D
CANH
5 C
B (RHD)
14
SB (RHD)
3
E72 Junction Connector
B (LHD)
SB (LHD)
12
B (RHD)
1
Y (RHD)
4
E68 Junction Connector
15
4
12
B (RHD)
1
E75 Junction Connector
14
3
E7(A) Communication Motor Assembly
(BAT)
5A ECU-B1
2
1
R-L
13 2B
86
R
14 2B
20
R
E59 Junction Connector
(IG)
5A MET
3
1
R-B
35 EA2
W
17 A
B
18 A
IG+
Power Supply Circuit
+B
IG+
Display
Master Power Switch Illumination
IG
CAN
CANH
25 A
CANL
26 A
ET
15 A
BR
6
E60 Junction Connector
24
BR
67 EA1 (LHD)
67 EA1 (RHD)
BR
16 A
A37(A), C44(B) Junction Connector
14 A (Gasoline)
13 A (Diesel)
BR
BR (GR-FE)
BR (1GR-FE)
BR (2UZ-FE)
BR (1UR-FE)
C14
C7
C9
C8

NOTICE : When inspecting or repairing the SRS, perform service in accordance with the following precautionary instructions and the procedure, and precautions in the Repair Manual applicable for the model year.

* Malfunction symptoms of the SRS are difficult to confirm, so the DTCs become the most important source of information when troubleshooting. When troubleshooting the SRS, always inspect the DTCs before disconnecting the battery.

* Work must be started more than 90 seconds after the engine switch is pushed to the "OFF" position and the negative (-) terminal cable is disconnected from the battery.
(The SRS is equipped with a back-up power source so that if work is started within 90 seconds from disconnecting the negative (-) terminal cable of the battery, the SRS may deploy.)

* When the negative (-) terminal cable is disconnected from the battery, the memory of the clock and audio system will be cleared. So before starting work, make a record of the contents in the audio memory system. When work is finished, reset the audio systems as they were before and adjust the clock. Some vehicles have power tilt steering, power telescopic steering, power seat and power outside rear view mirror which are all equipped with memory function. However, it is not possible to make a record of these memory contents. So when the work is finished, it will be necessary to explain it to your customer, and ask the customer to adjust the features and reset the memory. To avoid erasing the memory in each system, never use a back-up power supply from outside the vehicle.

* Before repair, remove the airbag sensor if shocks are likely to be applied to the sensor during repair.

* Do not expose the following parts directly to hot air or flame;

* Even in cases of a minor collision where the SRS does not deploy, the following parts should be inspected;

* Never use SRS parts from another vehicle. When replacing parts, replace with new parts.

* For the purpose of reuse, never disassemble and repair the following parts.

* If the following parts have been dropped, or have cracks, dents and other defects in their case, bracket, and connector replace with new one.


* Use a volt/ohmmeter with high impedance (10 kΩ/V minimum) for troubleshooting electrical circuits of the system.

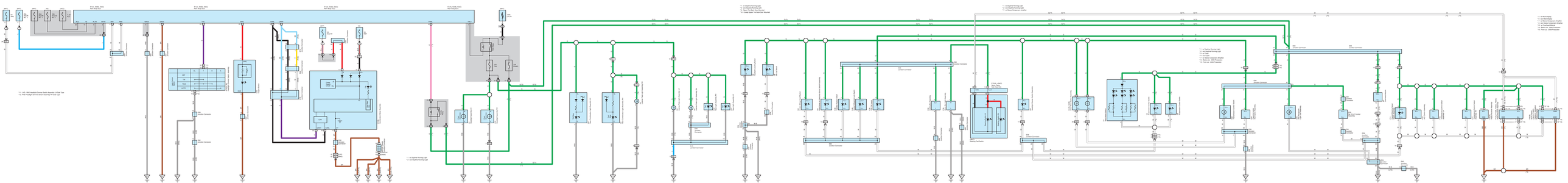
* Information labels are attached to the periphery of the SRS components. Follow the instructions of the notice.

* After work on the SRS is completed, check the SRS warning light.

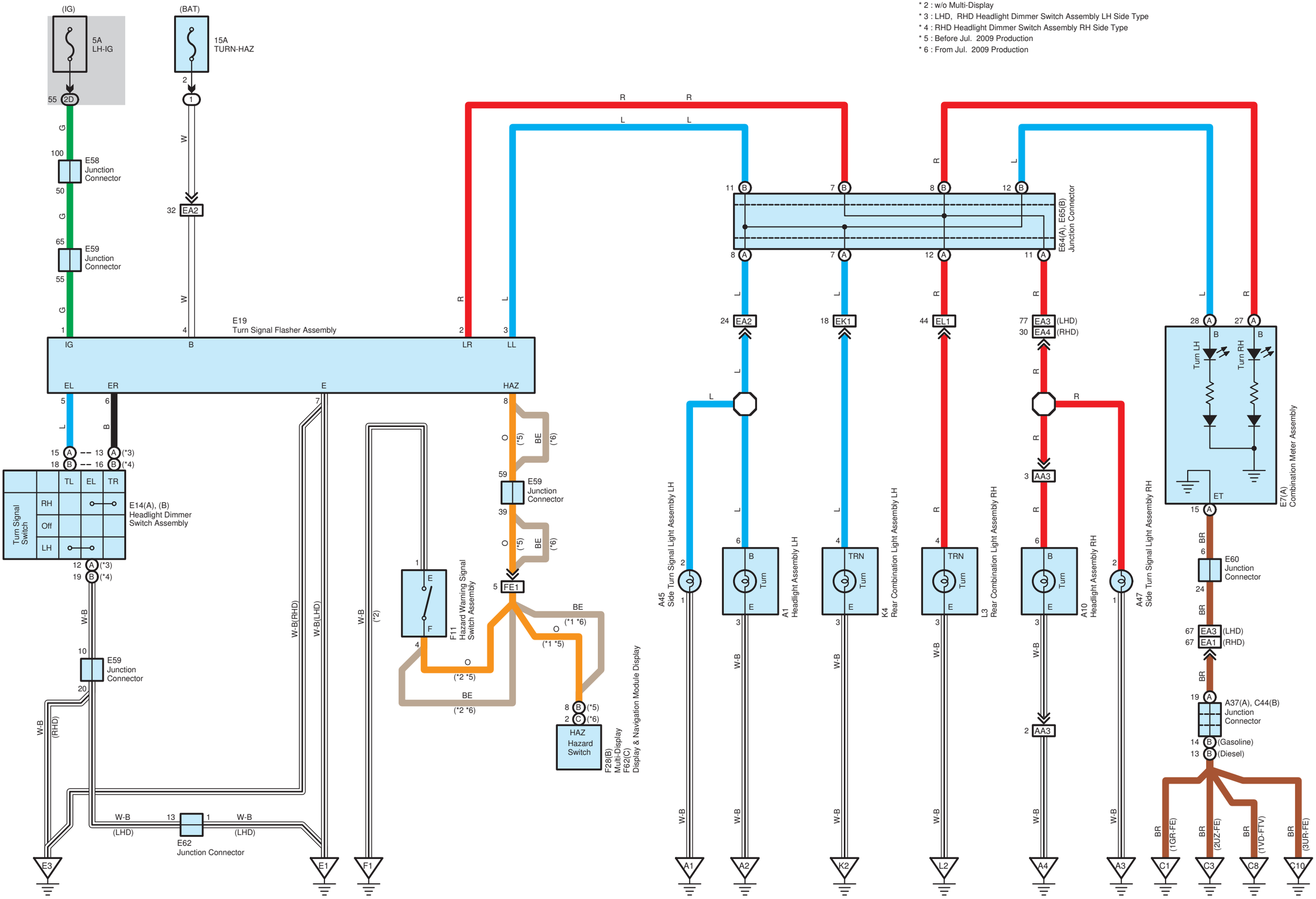
* If the vehicle is equipped with a mobile communication system, refer to the precaution in the IN section of the Repair Manual.

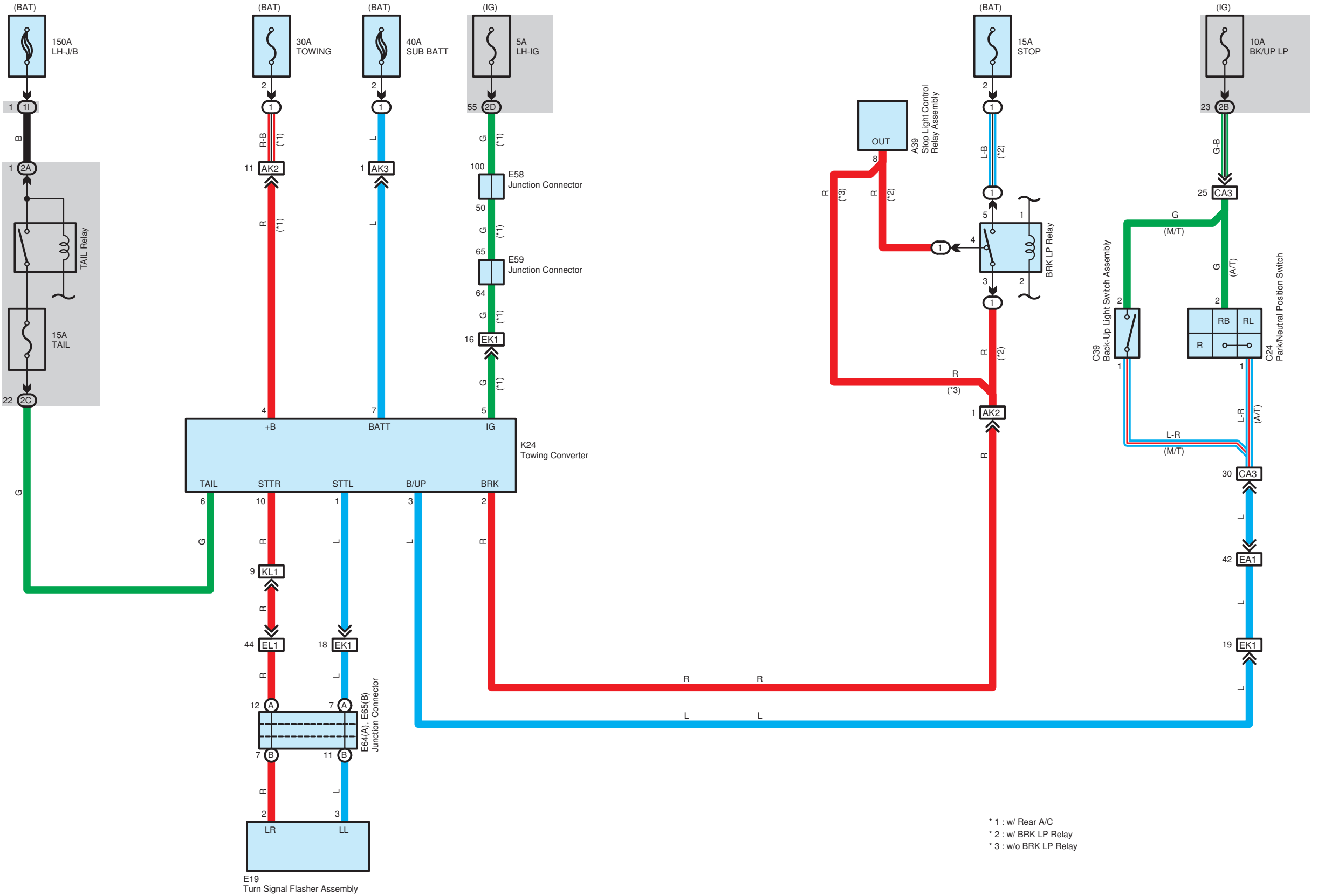
* Steering wheel pad
* Front passenger airbag assembly
* Side airbag assembly
* Curtain shield airbag assembly
* Knee airbag assembly
* Seat belt pretensioner
* Center airbag sensor assembly
* Front airbag sensor assembly
* Side airbag sensor assembly
* Rear airbag sensor assembly

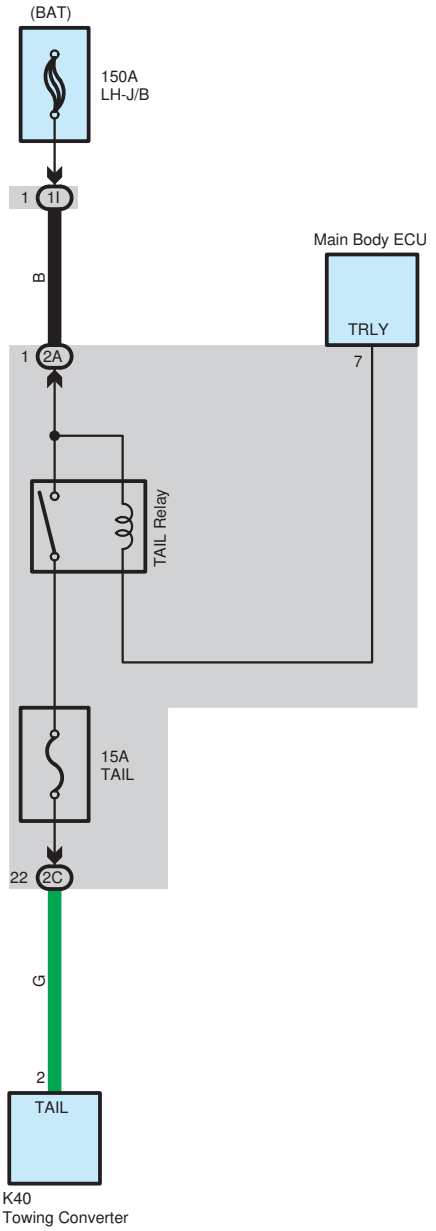


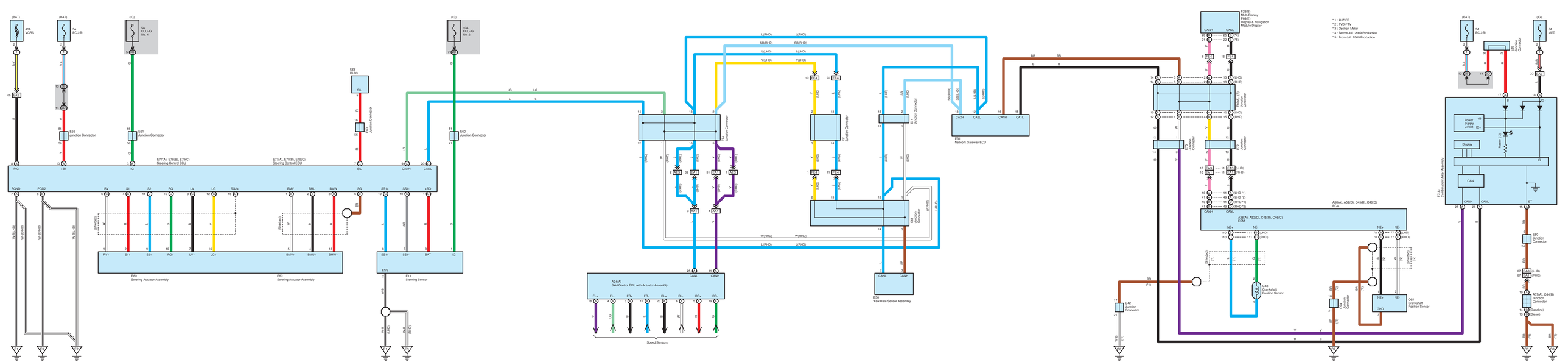

*1: LHD : RHD Headlight Dimmer Switch Assembly w/ Side Type
*2 : RHD Headlight Dimmer Switch Assembly Tilt Slide Type
*1 : w/ Daytime Running Light
*2 : w/o Daytime Running Light
*3 : Sedan Tire Blank Area Warmer
*4 : Coupe Sedan Tire Blank Area Warmer
*1 : w/ Daytime Running Light
*2 : w/o Daytime Running Light
*3 : w/ Stereo Component Amplifier
*1 : w/ Daytime Running Light
*2 : w/o Daytime Running Light
*3 : w/ Cruise Control
*4 : w/ Sunroof
*5 : w/ Stereo Component Amplifier
*6 : Radio w/ : ERR Production
*7 : For w/o : ERR Production
*1 : w/ Multi Display
*2 : w/o Multi Display
*3 : w/ Stereo Component Amplifier
*4 : Radio w/ : ERR Production
*5 : For w/o : ERR Production

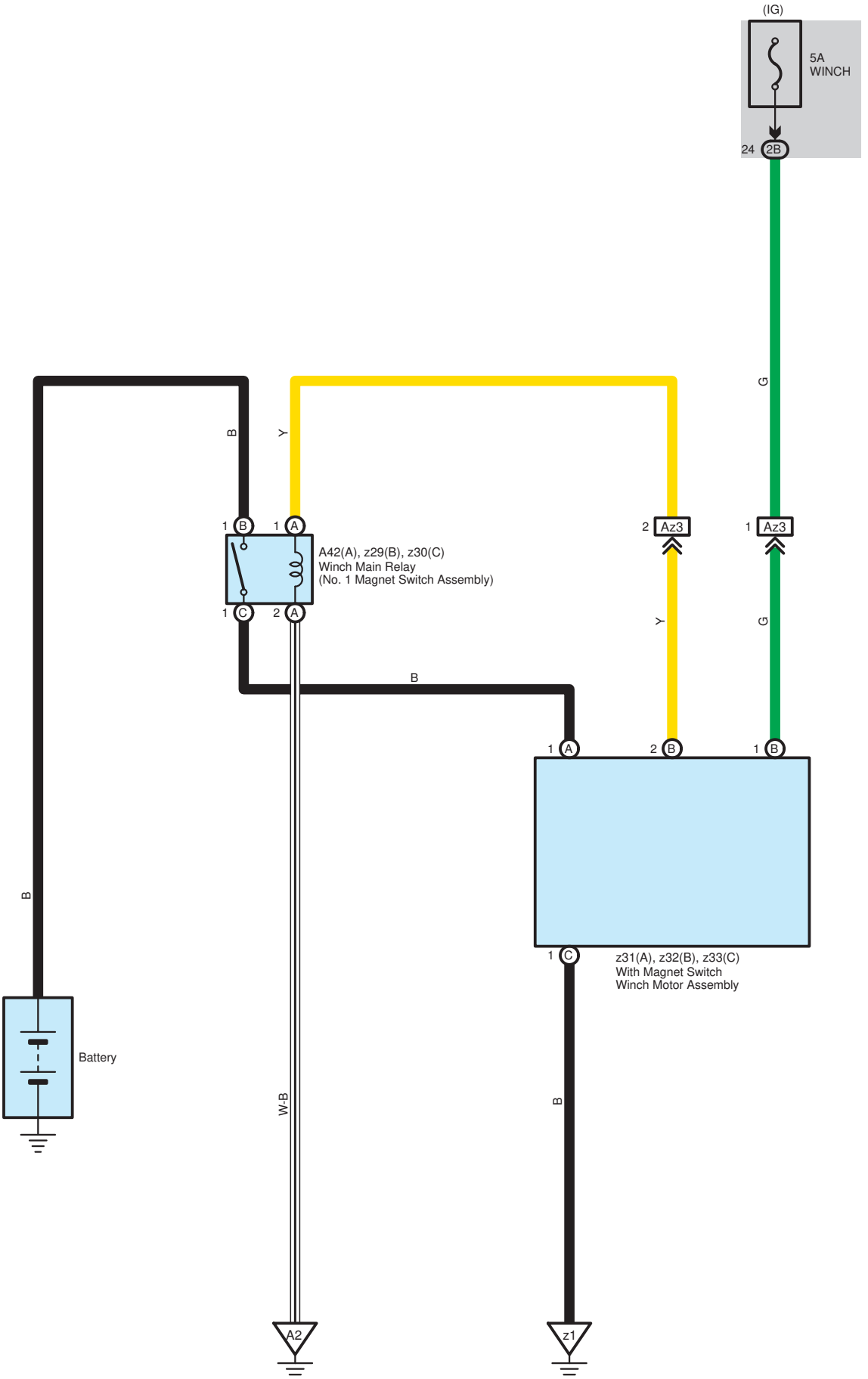
* 1 : w/ Multi-Display
* 2 : w/o Multi-Display
* 3 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 4 : RHD Headlight Dimmer Switch Assembly RH Side Type
* 5 : Before Jul. 2009 Production
* 6 : From Jul. 2009 Production




(BAT)
150A
LH-J/B
1
1I
B
1
2A
TAIL Relay
15A
TAIL
22
2C
G
(BAT)
30A
TOWING
2
1
R-B
(*1)
11
AK2
R
(*1)
4
(BAT)
40A
SUB BATT
2
1
L
1
AK3
L
7
(IG)
5A
LH-IG
55
2D
G
(*1)
100
E58
Junction Connector
50
G
(*1)
65
E59
Junction Connector
64
G
(*1)
16
EK1
G
(*1)
5
+B
BATT
IG
K24
Towing Converter
TAIL
STTR
STTL
B/UP
BRK
6
10
1
3
2
G
R
L
L
R
9
KL1
R
44
EL1
18
EK1
R
L
12
A
7
A
7
B
11
B
E64(A), E65(B)
Junction Connector
R
L
2
3
LR
LL
E19
Turn Signal Flasher Assembly
(BAT)
15A
STOP
2
1
L-B
(*2)
1
5
1
4
BRK LP Relay
3
2
1
R
(*2)
R
(*3)
1
AK2
R
OUT
8
A39
Stop Light Control
Relay Assembly
R
(*3)
R
(*2)
1
(IG)
10A
BK/UP LP
23
2B
G-B
25
CA3
G
(M/T)
G
(A/T)
2
2
C39
Back-Up Light Switch Assembly
1
RB
RL
R
1
C24
Park/Neutral Position Switch
L-R
(A/T)
L-R
(M/T)
30
CA3
L
42
EA1
L
19
EK1
L
R
R
L
L
* 1 : w/ Rear A/C
* 2 : w/ BRK LP Relay
* 3 : w/o BRK LP Relay


(BAT)
150A
LH-J/B
1
1I
B
Main Body ECU
TRLY
7
1
2A
TAIL Relay
15A
TAIL
22
2C
G
2
TAIL
K40
Towing Converter


(BAT)
40A VGRS
(BAT)
5A ECU-B1
(IG)
5A ECU-IG No. 4
(IG)
10A ECU-IG No. 2
E22 DLC3
SIL
J/C Junction Connector
E59 Junction Connector
E61 Junction Connector
E60 Junction Connector
E77(A), E78(B), E79(C) Steering Control ECU
E77(A), E78(B), E79(C) Steering Control ECU
PIG
+B
IG
SIL
CANH
CANL
PGND
PGND
RV
S+
S2
RG
LV
LG
SGL+
(Shielded)
(Shielded)
BMV
BMU
BMW
SG
SS1+
SS1
-BG
RV+
S1+
S2+
RG+
LV+
LG+
BMV+
BMU+
BMW+
E80 Steering Actuator Assembly
E80 Steering Actuator Assembly
SS1+
SS1
BAT
IG
ESS
E11 Steering Sensor
W-B (LHD)
W-B (RHD)
L(RHD)
SB(RHD)
L(LHD)
Y(LHD)
LG
L
W/(RHD)
W/(LHD)
L(RHD)
E24 Junction Connector
E25 Junction Connector
E26 Junction Connector
E27 Junction Connector
A24(A) Skid Control ECU with Actuator Assembly
FL+
FL-
FR+
FR-
RL+
RL-
RR+
RR-
Speed Sensors
E31 Network Gateway ECU
E50 Yaw Rate Sensor Assembly
CANH
CANL
CA-H
CA-L
BR
B
F28(B) Multi-Display F64(E) Display & Navigation Module Display
E45(A), (B) Junction Connector
E73 Junction Connector
E73 Junction Connector
A38(A), A52(D), C45(B), C46(C) ECM
NE+
NE-
C48 Crankshaft Position Sensor
C42 Junction Connector
C49 Crankshaft Position Sensor
GND
C44 Cam Position Sensor
* 1 : 2UZ-FE
* 2 : 1VD-FTV
* 3 : Optitron Meter
* 4 : Before Jul. 2009 Production
* 5 : From Jul. 2009 Production
E73 Junction Connector
E60 Junction Connector
A37(A), C44(B) Junction Connector
(Gasoline)
(Diesel)
ET(A) Combination Meter Assembly
Power Circuit
+B
IG+
Display
Meter LTB
IG
CAN
ET
E59 Junction Connector
E61 Junction Connector
E60 Junction Connector
E22 DLC3
J/C Junction Connector
E31 Network Gateway ECU
E50 Yaw Rate Sensor Assembly
E24 Junction Connector
E25 Junction Connector
E26 Junction Connector
E27 Junction Connector
E80 Steering Actuator Assembly
E11 Steering Sensor
A24(A) Skid Control ECU with Actuator Assembly
E45(A), (B) Junction Connector
E73 Junction Connector
E73 Junction Connector
A38(A), A52(D), C45(B), C46(C) ECM
C48 Crankshaft Position Sensor
C42 Junction Connector
C49 Crankshaft Position Sensor
C44 Cam Position Sensor
A37(A), C44(B) Junction Connector
E60 Junction Connector
ET(A) Combination Meter Assembly


(IG)
5A
WINCH
24
2B
G
B
Y
1
B
1
A
A42(A), z29(B), z30(C)
Winch Main Relay
(No. 1 Magnet Switch Assembly)
1
C
2
A
2
Az3
1
Az3
Y
G
B
1
A
2
B
1
B
1
C
z31(A), z32(B), z33(C)
With Magnet Switch
Winch Motor Assembly
B
Battery
W-B
B
A2
z1