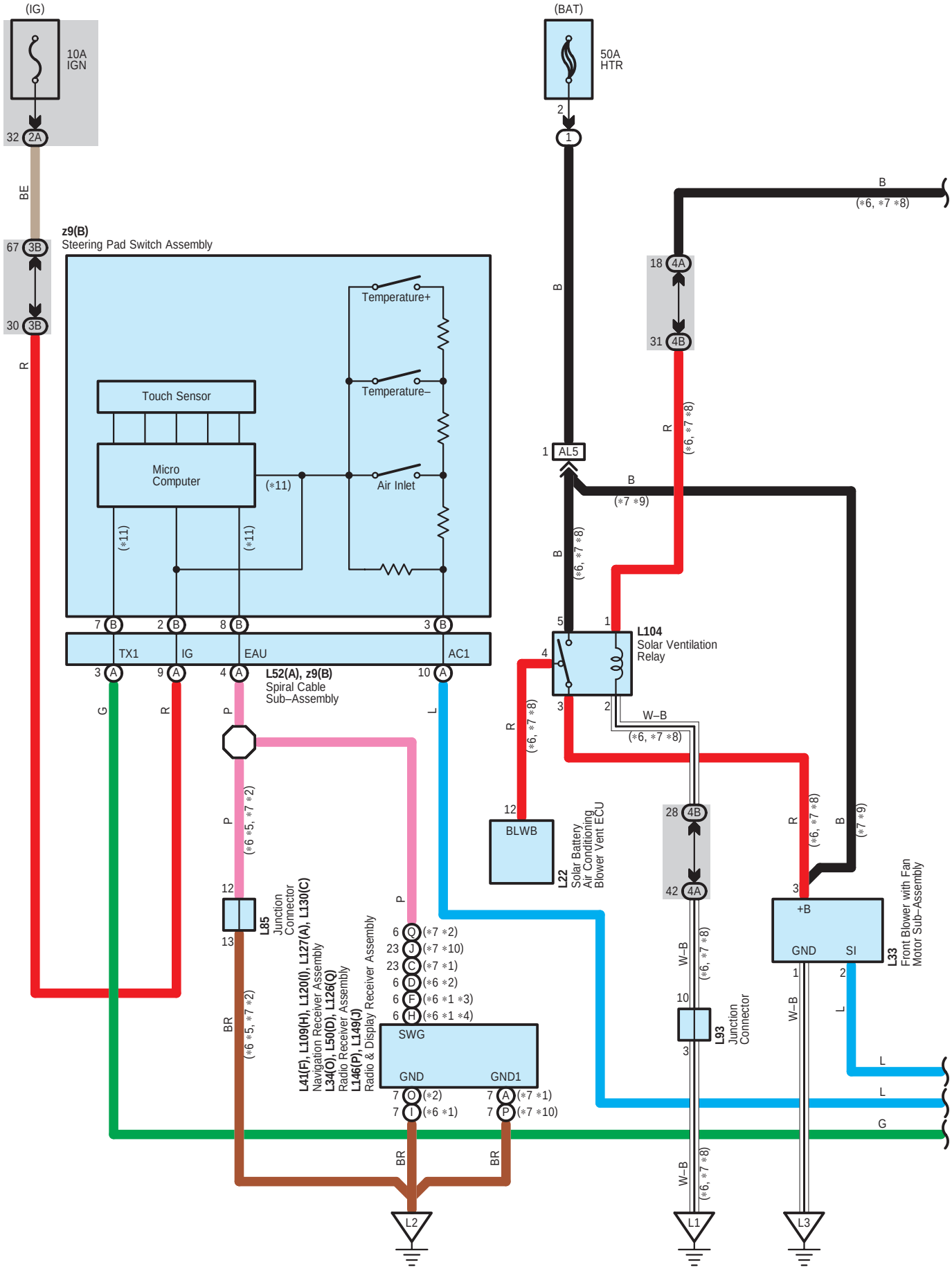
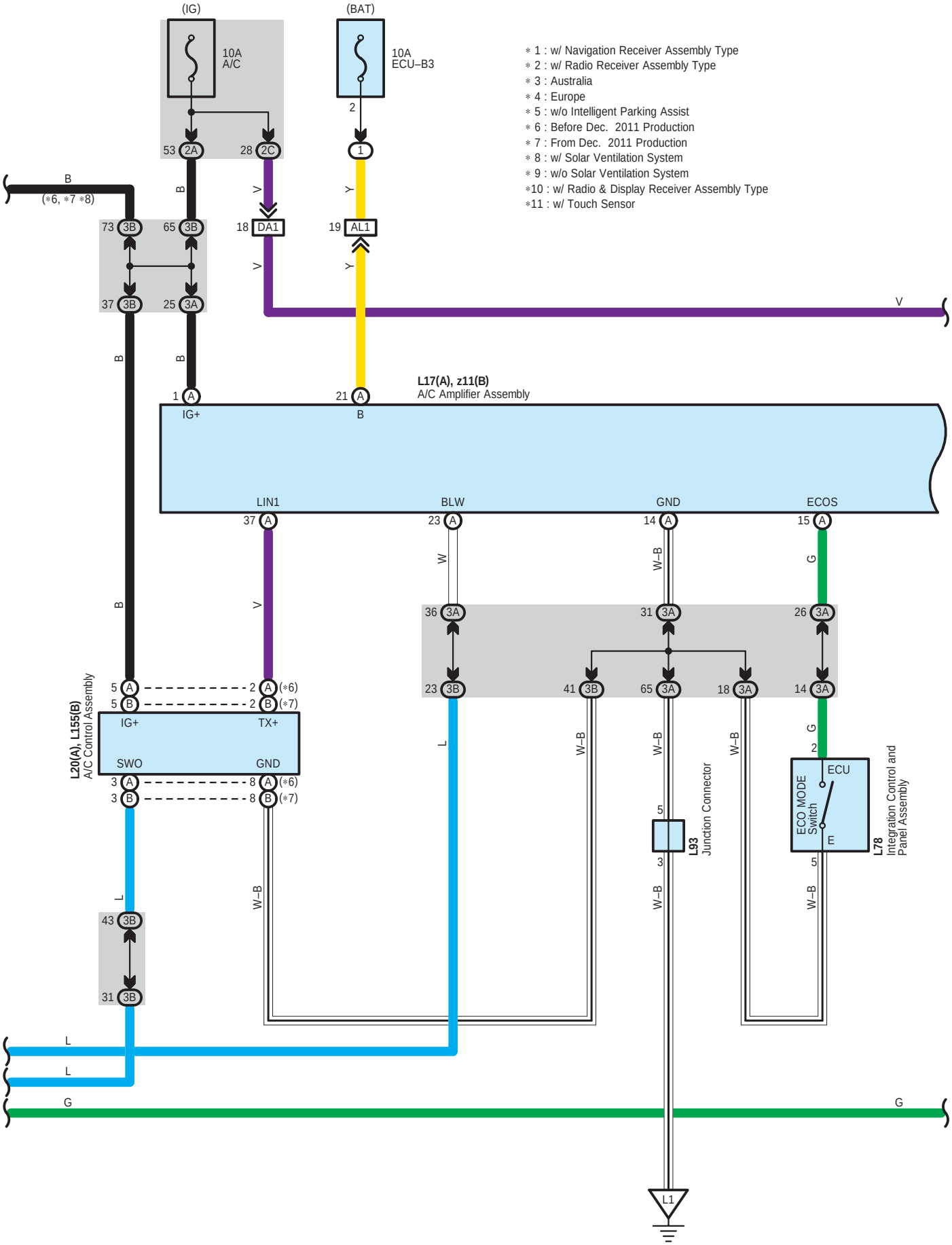
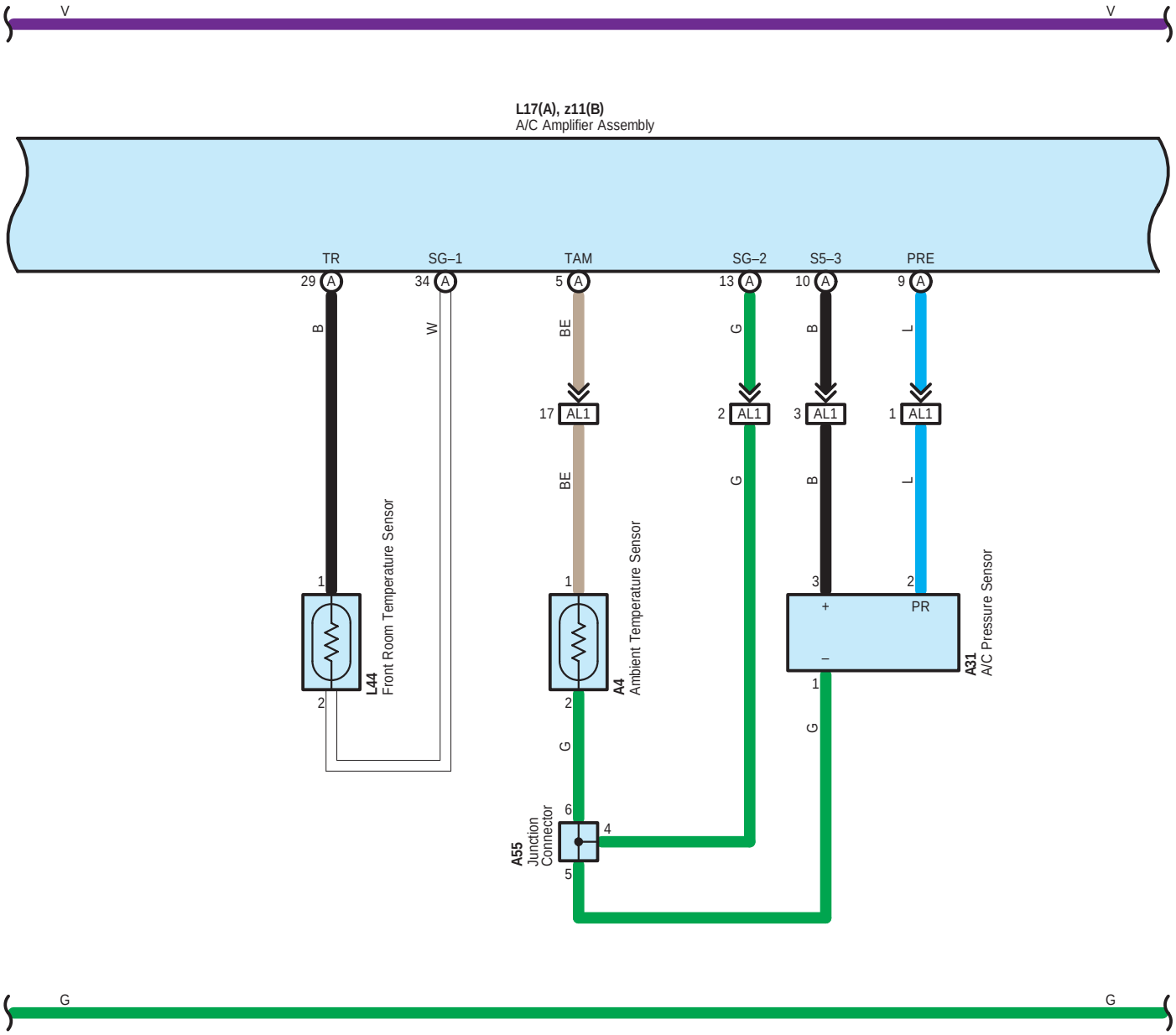
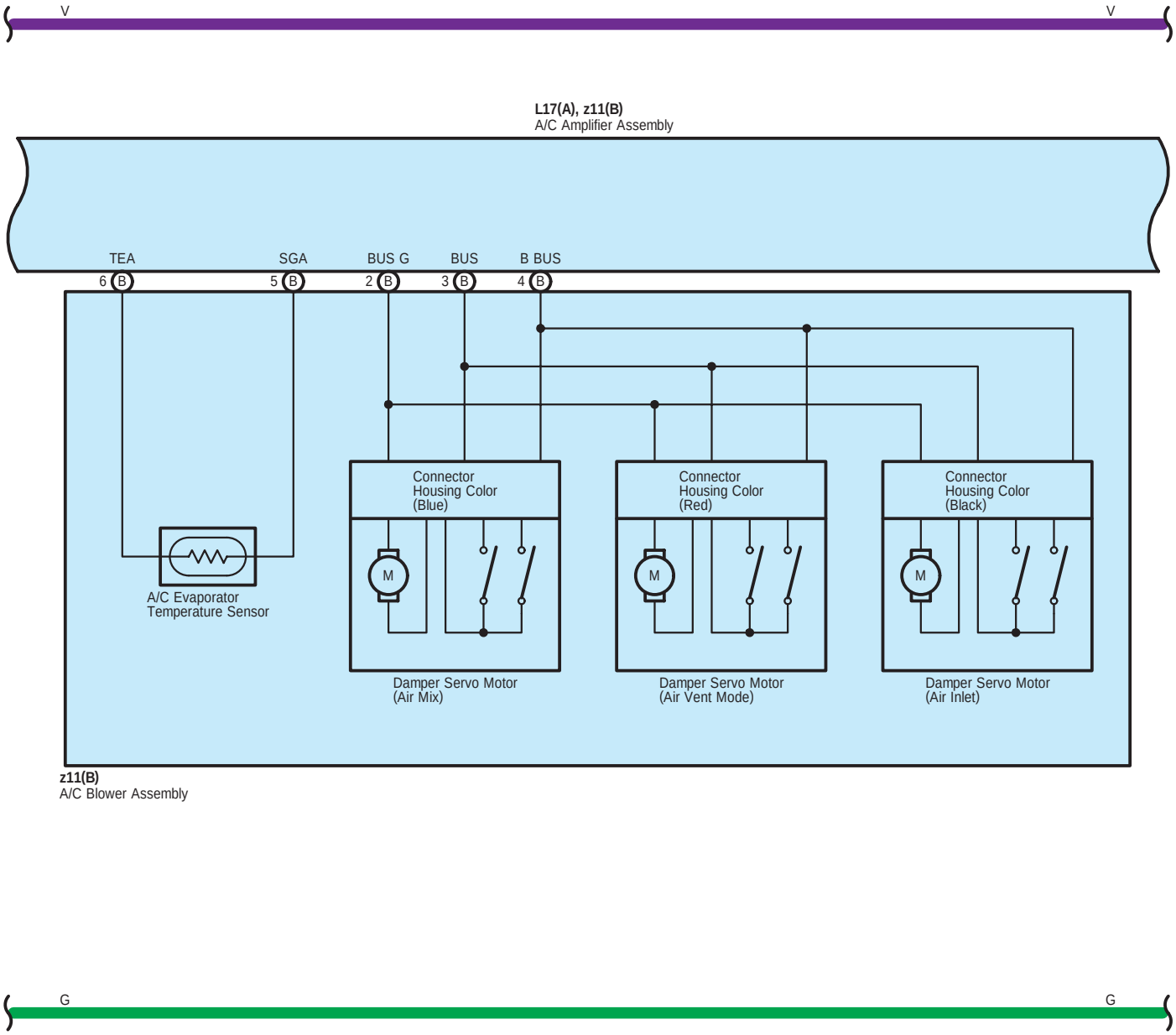
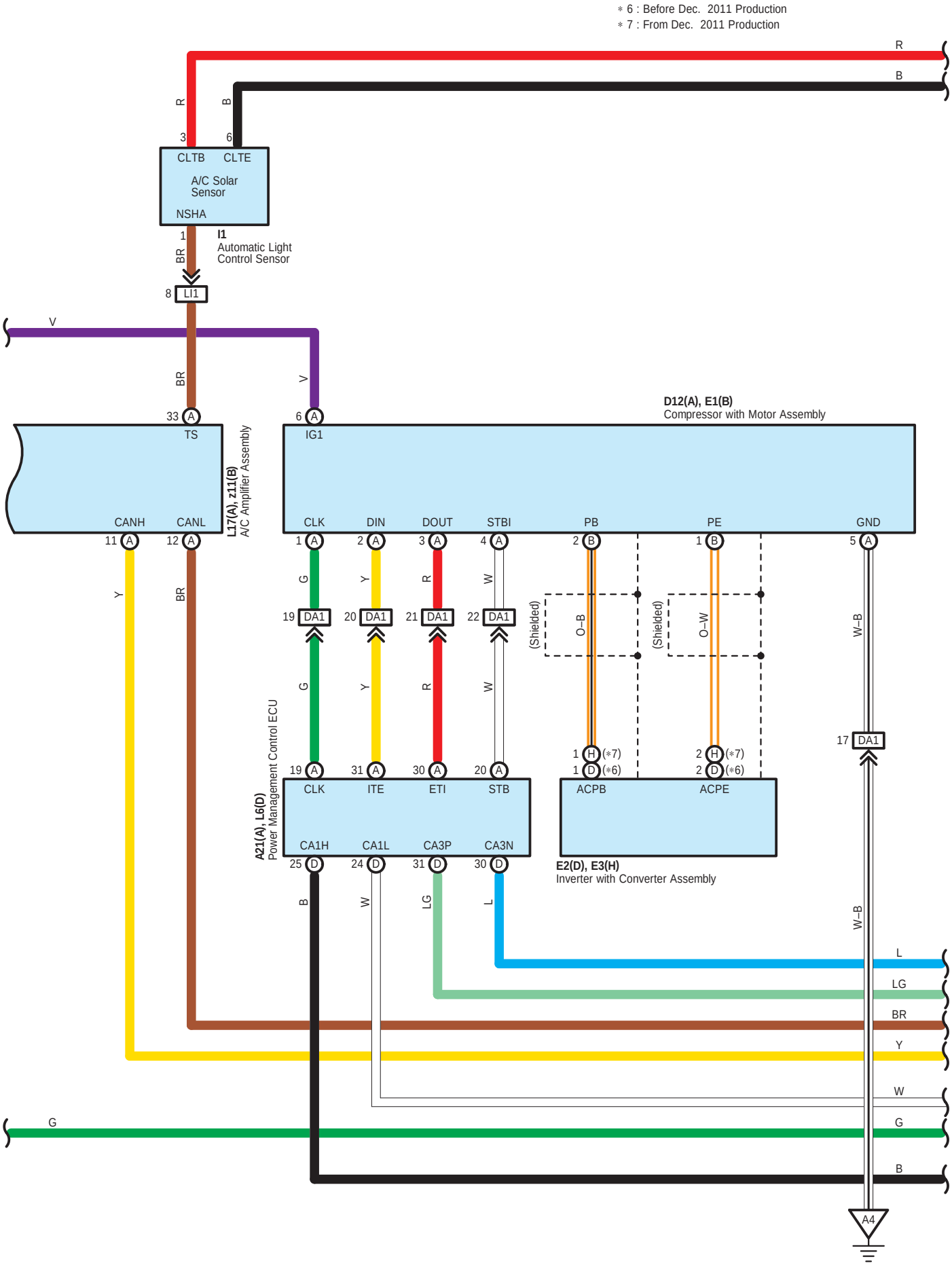
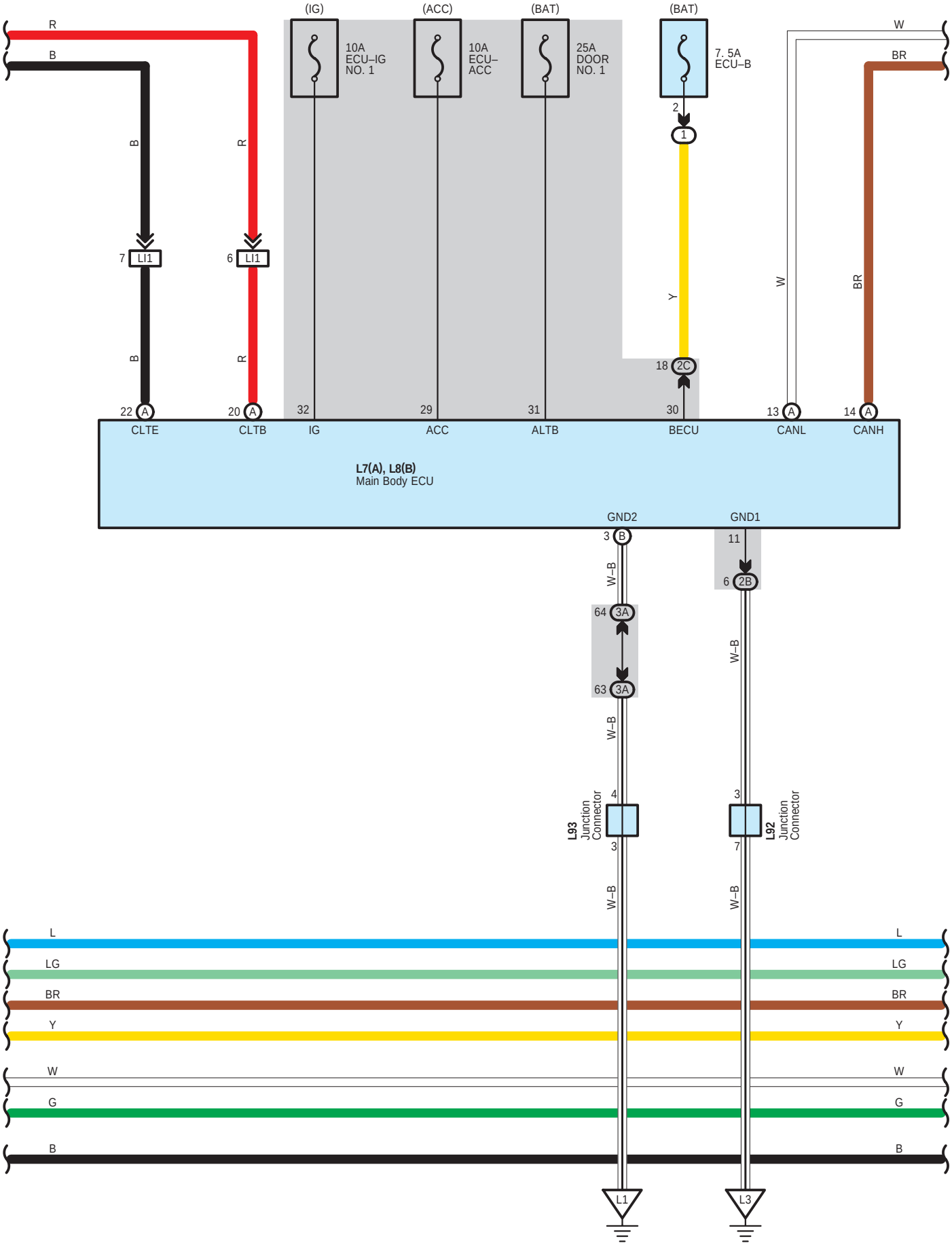

(IG)
10A
IGN
32 2A
BE
67 3B
30 3B
R
z9(B)
Steering Pad Switch Assembly
Temperature+
Temperature–
Touch Sensor
Micro
Computer
(*11)
Air Inlet
(*11)
(*11)
7 B
2 B
8 B
3 B
TX1
IG
EAU
AC1
3 A
9 A
4 A
10 A
G
R
P
L52(A), z9(B)
Spiral Cable
Sub–Assembly
L
P
(*6 *5, *7 *2)
12
13
L85
Junction
Connector
BR
(*6 *5, *7 *2)
P
6 Q (*7 *2)
23 J (*7 *10)
23 C (*7 *1)
6 D (*6 *2)
6 F (*6 *1 *3)
6 H (*6 *1 *4)
L41(F), L109(H), L120(I), L127(A), L130(C)
Navigation Receiver Assembly
L34(O), L50(D), L126(Q)
Radio Receiver Assembly
L146(P), L149(J)
Radio & Display Receiver Assembly
SWG
GND
GND1
7 O (*2)
7 I (*6 *1)
7 A (*7 *1)
7 P (*7 *10)
BR
BR
L2
(BAT)
50A
HTR
2
1
B
B
1 AL5
B
(*7 *9)
B
(*6, *7 *8)
5
1
4
3
2
L104
Solar Ventilation
Relay
R
(*6, *7 *8)
W–B
(*6, *7 *8)
12
BLWB
L22
Solar Battery
Air Conditioning
Blower Vent ECU
B
(*6, *7 *8)
18 4A
31 4B
R
(*6, *7 *8)
28 4B
42 4A
W–B
(*6, *7 *8)
10
3
L93
Junction
Connector
W–B
(*6, *7 *8)
L1
R
(*6, *7 *8)
B
(*7 *9)
3
+B
GND
SI
L33
Front Blower with Fan
Motor Sub–Assembly
1
2
W–B
L
L
L
G
L3

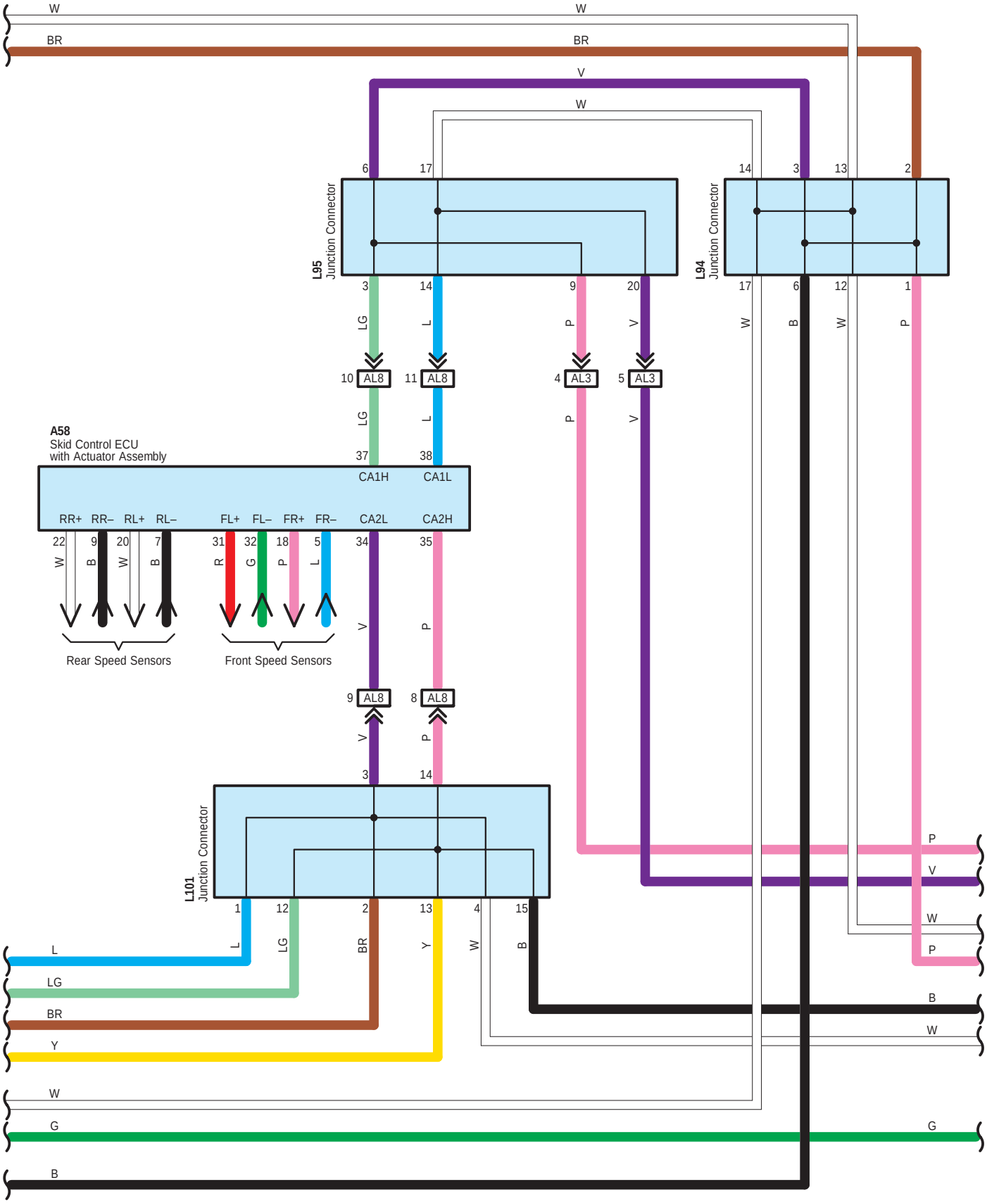

(IG)
10A
A/C
(BAT)
10A
ECU–B3
∗ 1 : w/ Navigation Receiver Assembly Type
∗ 2 : w/ Radio Receiver Assembly Type
∗ 3 : Australia
∗ 4 : Europe
∗ 5 : w/o Intelligent Parking Assist
∗ 6 : Before Dec. 2011 Production
∗ 7 : From Dec. 2011 Production
∗ 8 : w/ Solar Ventilation System
∗ 9 : w/o Solar Ventilation System
∗10 : w/ Radio & Display Receiver Assembly Type
∗11 : w/ Touch Sensor
53 2A
28 2C
2
1
B
(∗6, ∗7 ∗8)
73 3B
65 3B
18 DA1
19 AL1
37 3B
25 3A
V
1 A
IG+
21 A
B
L17(A), z11(B)
A/C Amplifier Assembly
LIN1
BLW
GND
ECOS
37 A
23 A
14 A
15 A
36 3A
31 3A
26 3A
23 3B
41 3B
65 3A
18 3A
14 3A
L20(A), L155(B)
A/C Control Assembly
5 A
5 B
2 A (∗6)
2 B (∗7)
IG+
TX+
SWO
GND
3 A
3 B
8 A (∗6)
8 B (∗7)
43 3B
31 3B
L93
Junction Connector
ECO MODE
Switch
ECU
E
L78
Integration Control and
Panel Assembly
L1

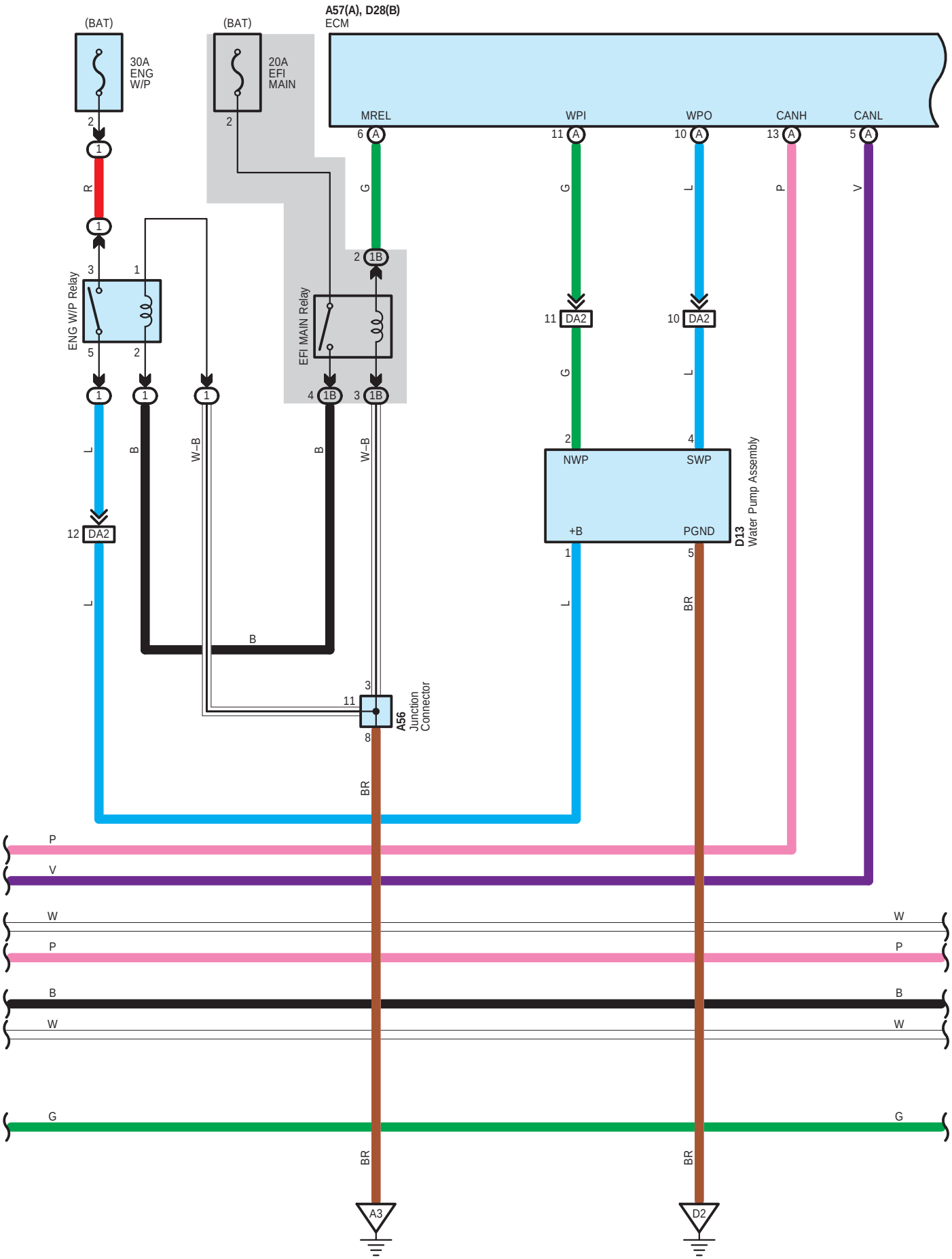

V
V
L17(A), z11(B)
A/C Amplifier Assembly
TR
SG–1
TAM
SG–2
S5–3
PRE
29 A
34 A
5 A
13 A
10 A
9 A
B
W
BE
G
B
L
17 AL1
2 AL1
3 AL1
1 AL1
BE
G
B
L
1
2
L44
Front Room Temperature Sensor
1
2
A4
Ambient Temperature Sensor
3
1
+
–
PR
2
A31
A/C Pressure Sensor
G
G
6
4
5
A55
Junction
Connector
G
G

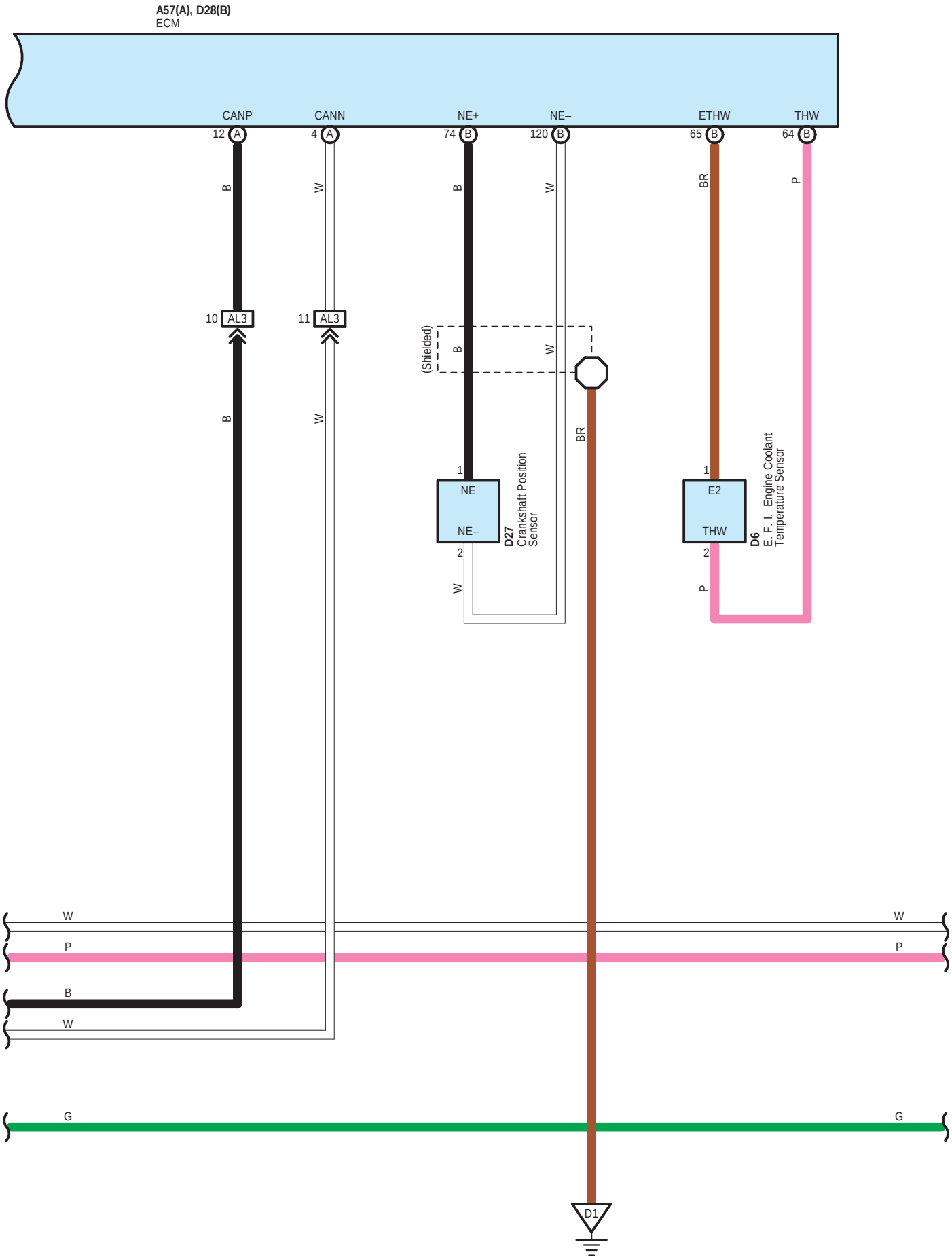

V
V
L17(A), z11(B)
A/C Amplifier Assembly
TEA
SGA
BUS G
BUS
B BUS
6 B
5 B
2 B
3 B
4 B
Connector
Housing Color
(Blue)
Connector
Housing Color
(Red)
Connector
Housing Color
(Black)
M
M
M
A/C Evaporator
Temperature Sensor
Damper Servo Motor
(Air Mix)
Damper Servo Motor
(Air Vent Mode)
Damper Servo Motor
(Air Inlet)
z11(B)
A/C Blower Assembly
G
G

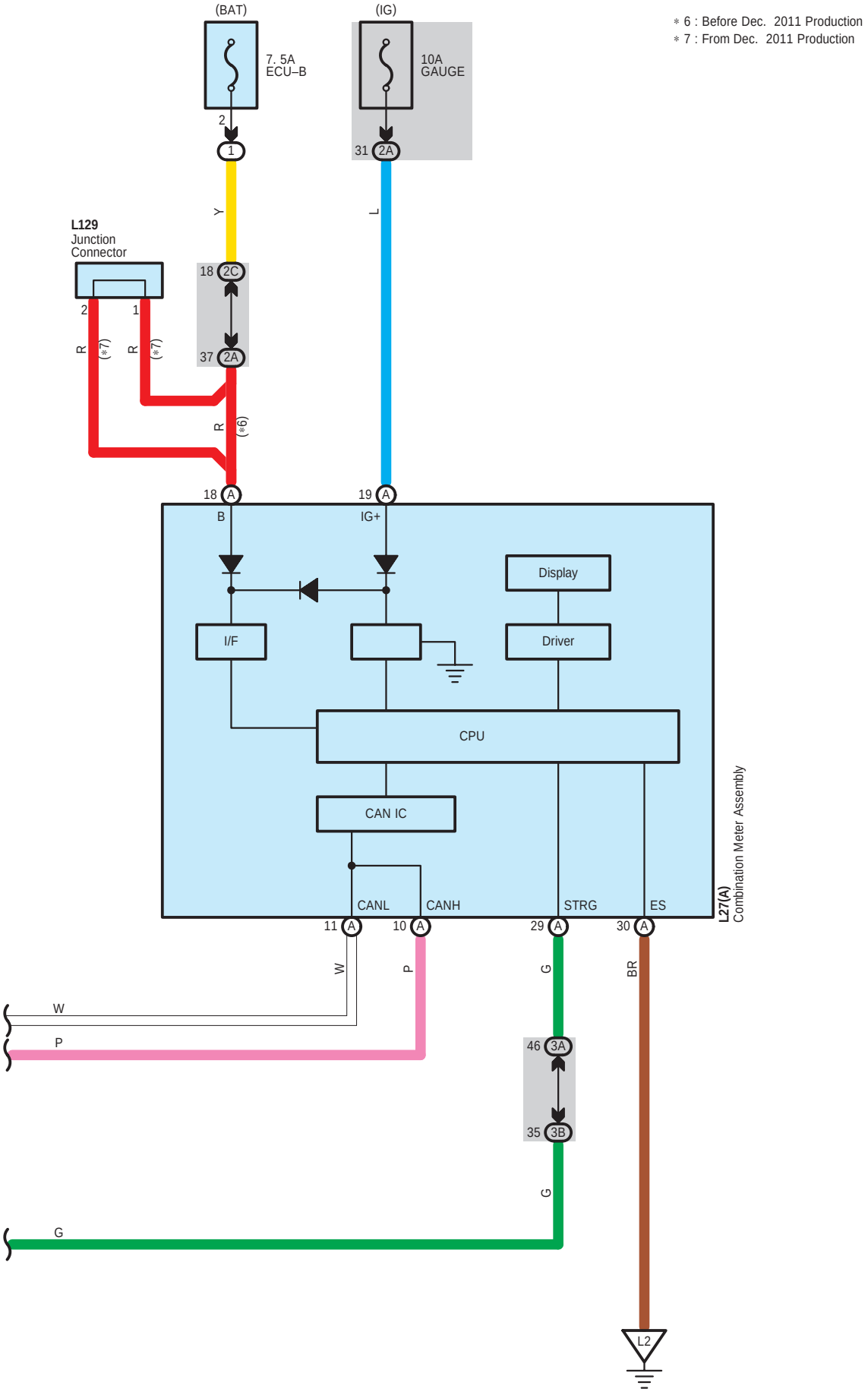

* 6 : Before Dec. 2011 Production
* 7 : From Dec. 2011 Production
R
B
3
6
CLTB
CLTE
A/C Solar Sensor
NSHA
1
I1
Automatic Light Control Sensor
BR
8
LI1
V
33
TS
6
IG1
L17(A), z11(B)
A/C Amplifier Assembly
D12(A), E1(B)
Compressor with Motor Assembly
CANH
CANL
CLK
DIN
DOUT
STBI
PB
PE
GND
11
12
1
2
3
4
2
1
5
Y
G
19
DA1
20
21
22
(Shielded)
O–B
O–W
W–B
17
A21(A), L6(D)
Power Management Control ECU
19
31
30
20
CLK
ITE
ETI
STB
1 H (*7)
1 D (*6)
2 H (*7)
2 D (*6)
ACPB
ACPE
CA1H
CA1L
CA3P
CA3N
25
24
31
30
E2(D), E3(H)
Inverter with Converter Assembly
B
W
LG
L
A4


(IG)
(ACC)
(BAT)
(BAT)
10A
ECU–IG
NO. 1
10A
ECU–
ACC
25A
DOOR
NO. 1
7. 5A
ECU–B
R
B
W
BR
LI1
LI1
CLTE
CLTB
IG
ACC
ALTB
BECU
CANL
CANH
L7(A), L8(B)
Main Body ECU
GND2
GND1
W–B
L93
Junction
Connector
L92
Junction
Connector
L
LG
BR
Y
W
G
B
L1
L3


W
W
BR
BR
V
W
6
17
14
3
13
2
L95
Junction Connector
L94
Junction Connector
3
14
9
20
17
6
12
1
LG
L
P
V
W
B
W
P
10 AL8
11 AL8
4 AL3
5 AL3
LG
L
P
V
A58
Skid Control ECU
with Actuator Assembly
37
38
CA1H
CA1L
RR+
RR–
RL+
RL–
FL+
FL–
FR+
FR–
CA2L
CA2H
22
9
20
7
31
32
18
5
34
35
W
B
W
B
R
G
P
L
V
P
Rear Speed Sensors
Front Speed Sensors
9 AL8
8 AL8
V
P
3
14
L101
Junction Connector
1
12
2
13
4
15
L
LG
BR
Y
W
B
P
V
W
P
L
LG
BR
Y
B
W
W
G
G
B


(BAT)
30A
ENG
W/P
(BAT)
20A
EFI
MAIN
A57(A), D28(B)
ECM
MREL
WPI
WPO
CANH
CANL
ENG W/P Relay
EFI MAIN Relay
DA2
NWP
SWP
+B
PGND
D13
Water Pump Assembly
A56
Junction
Connector
A3
D2

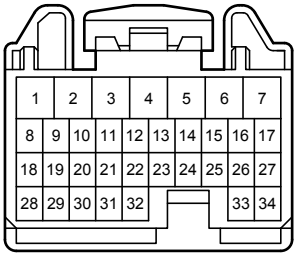

A57(A), D28(B)
ECM
CANP
CANN
NE+
NE–
ETHW
THW
12 A
4 A
74 B
120 B
65 B
64 B
B
W
B
W
BR
P
10 AL3
11 AL3
(Shielded)
B
W
B
W
BR
1
NE
NE–
2
D27
Crankshaft Position Sensor
W
1
E2
THW
2
D6
E. F. I. Engine Coolant Temperature Sensor
P
W
P
B
W
G
D1



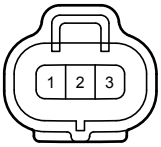

＊6 : Before Dec. 2011 Production
＊7 : From Dec. 2011 Production

A 4
Black

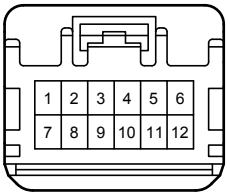
A 21
Gray



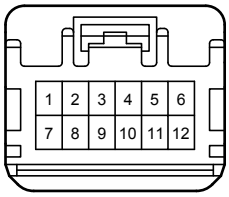

A 31
Black



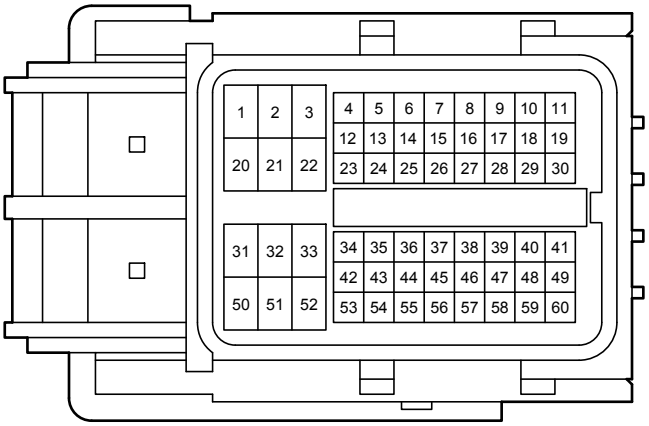

A 55
Black



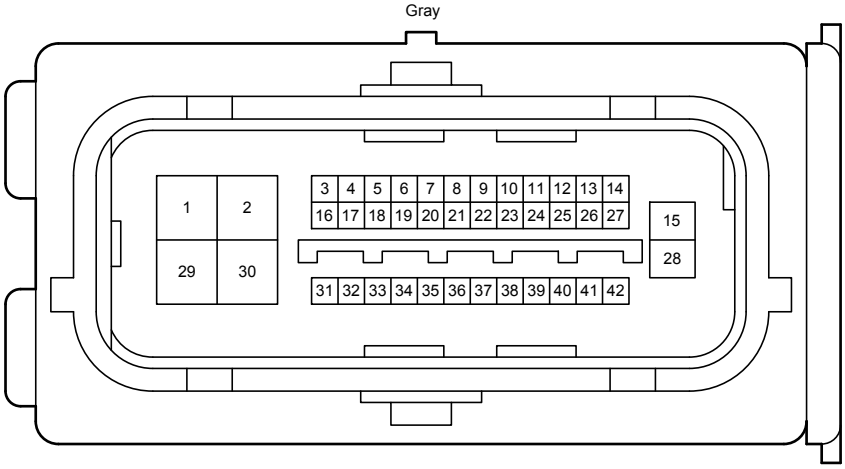

A 56
White




A 57
Black

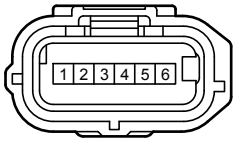



A 58
Gray

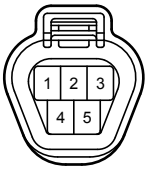



D 6
Black

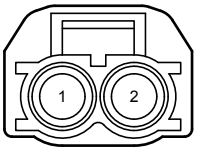
D 12
Black



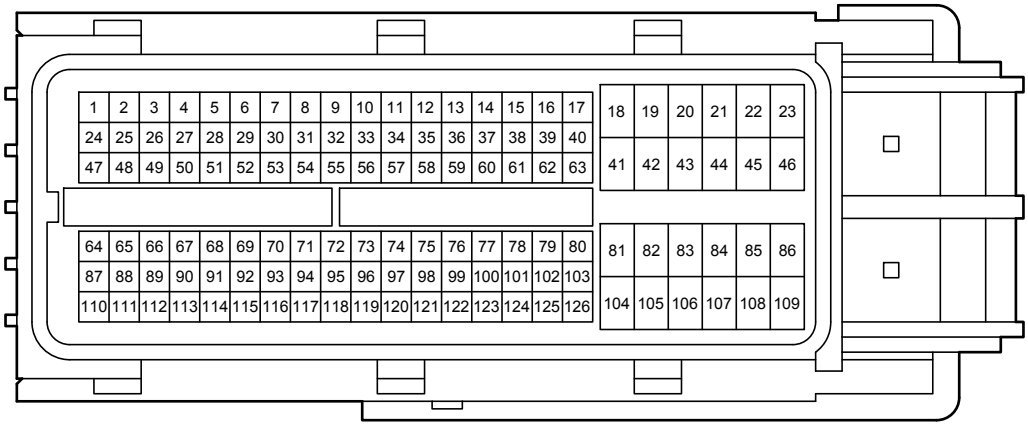

D 13
Black



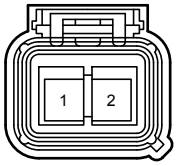

D 27
Black



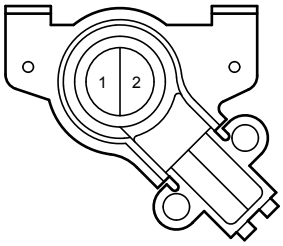
D 28
Black



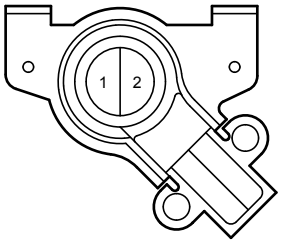

E 1
Orange



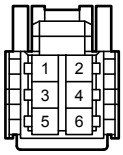

E 2
White



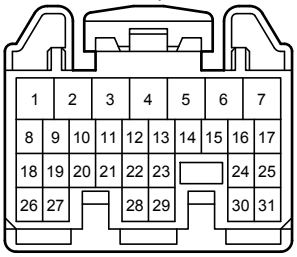

E 3
White



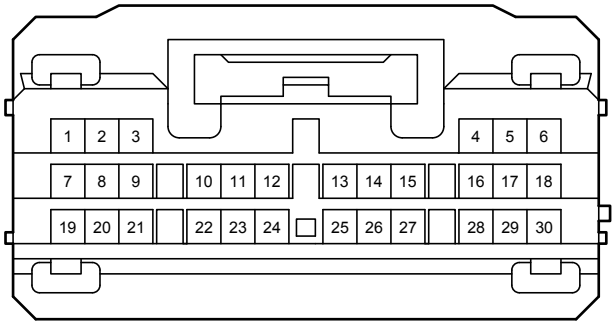

I 1
Black



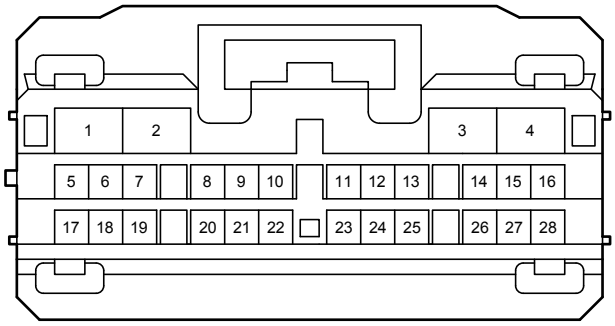

L 6
Gray



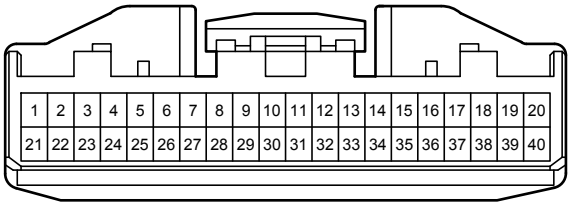

L 7
White



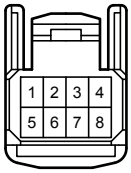

L 8
White



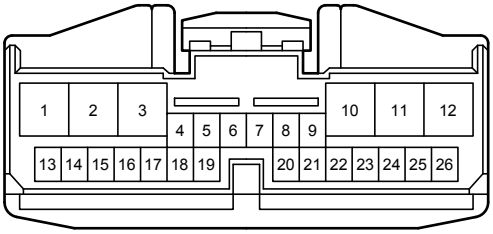

L 17
White



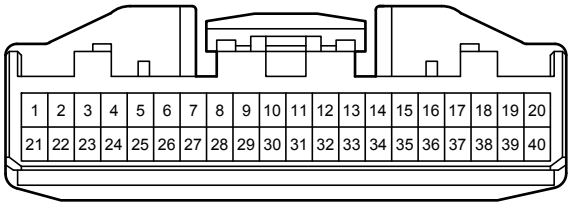
L 20
Black



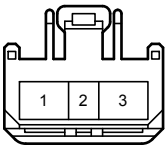

L 22
Black



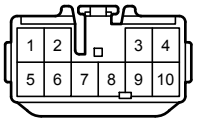

L 27
White



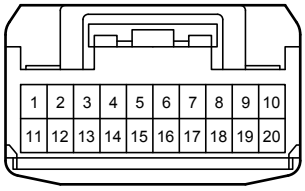

L 33
Black



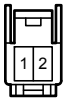

L 34
White



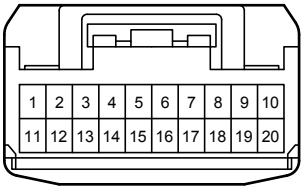

L 41
White




L 44
Black

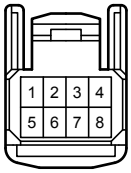



L 50
White




L 52
Black

L 78
Black




L 85
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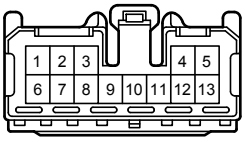


L 92
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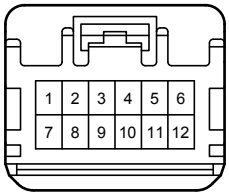


L 93
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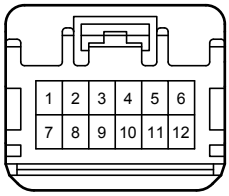


L 94
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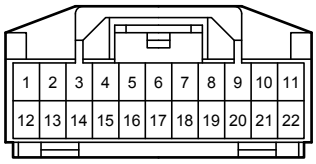


L 95
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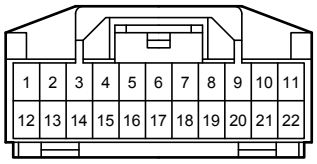


L101
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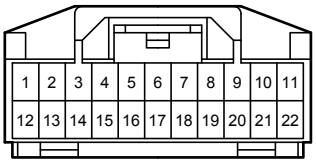


L104
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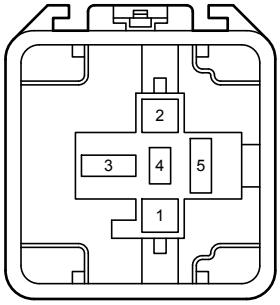


L109
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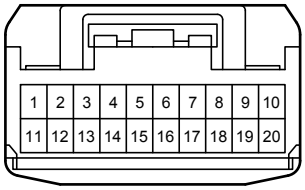


L120
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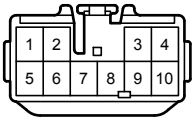

L126
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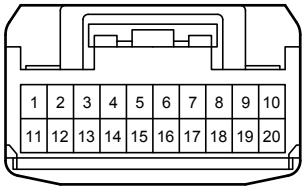


L127
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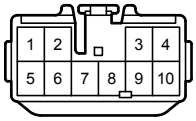


L129
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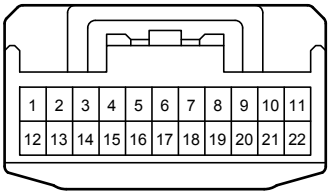


L130
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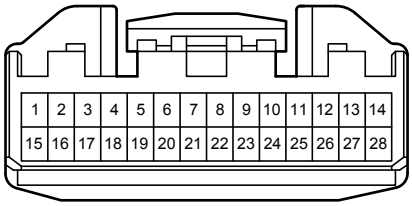


L146
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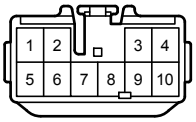


L149
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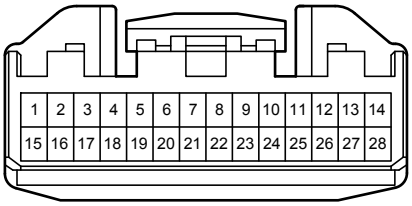


L155
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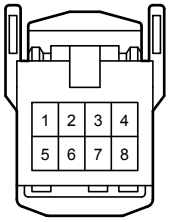


z 9
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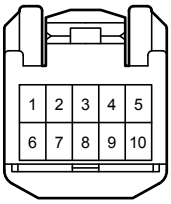


z 11
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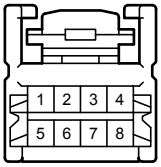


1B
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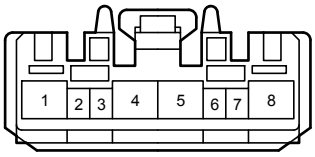
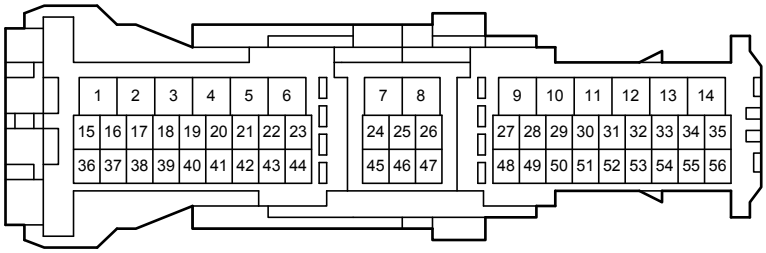
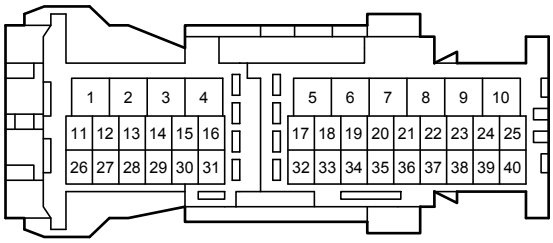



2A
White




2B
White




2C
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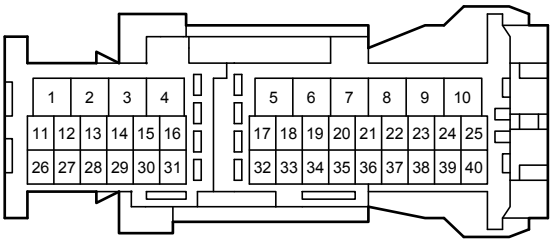
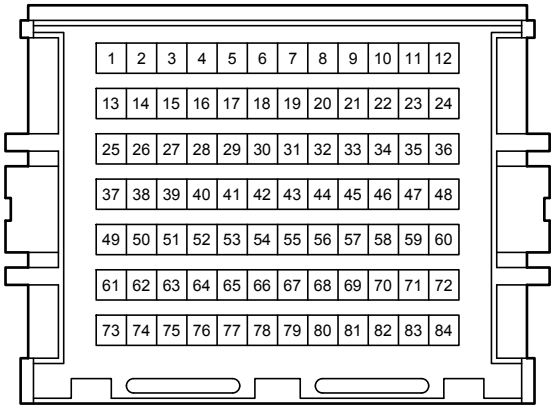


3A
White




3B
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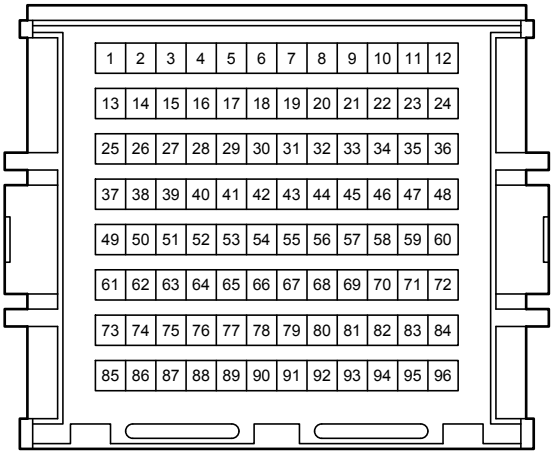
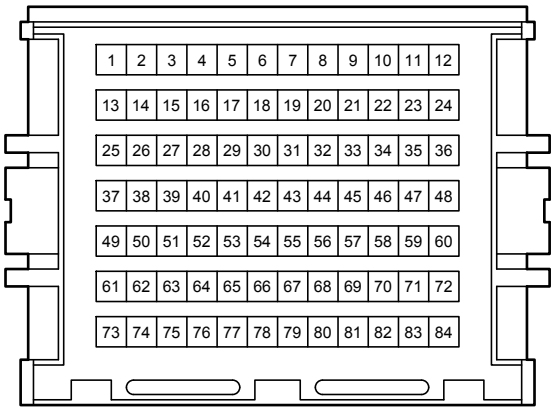
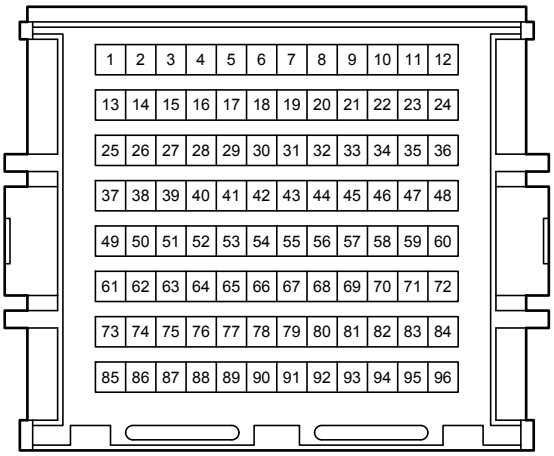


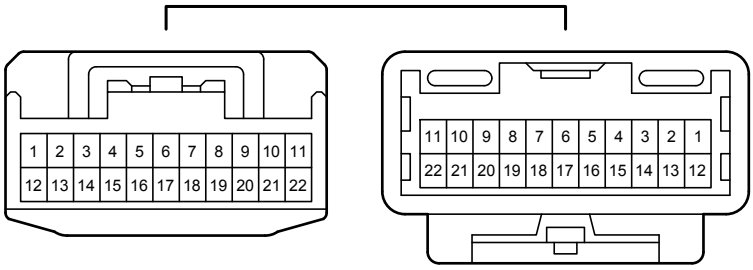

4A
White



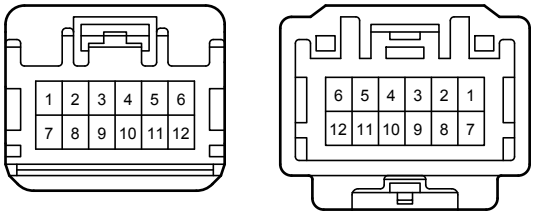

4B
White



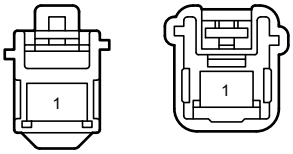

AL1
Blue

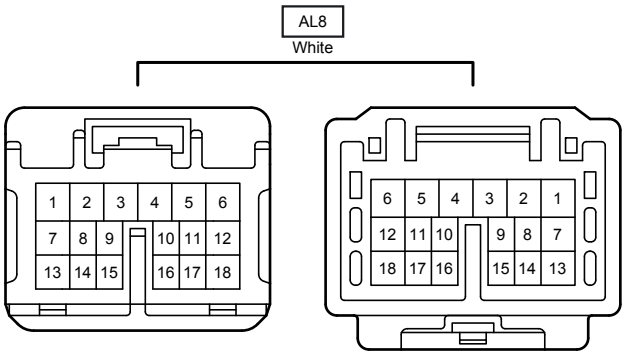


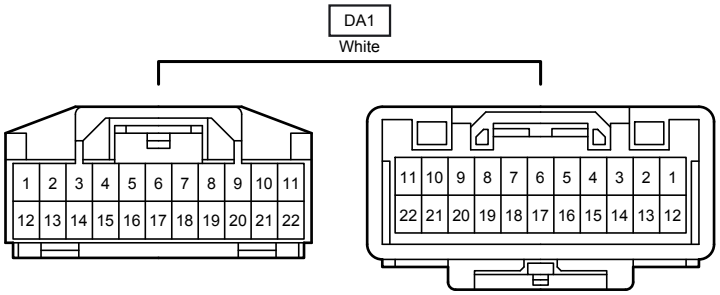

AL3
White

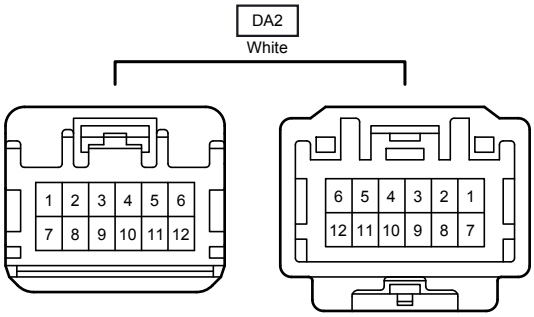


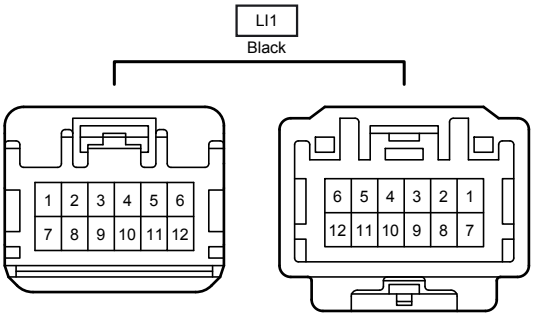

AL5
White




AL8
White
1 2 3 4 5 6
7 8 9 10 11 12
13 14 15 16 17 18
6 5 4 3 2 1
12 11 10 9 8 7
18 17 16 15 14 13


DA1
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


DA2
White
1 2 3 4 5 6
7 8 9 10 11 12
6 5 4 3 2 1
12 11 10 9 8 7


LI1
Black
1 2 3 4 5 6
7 8 9 10 11 12
6 5 4 3 2 1
12 11 10 9 8 7