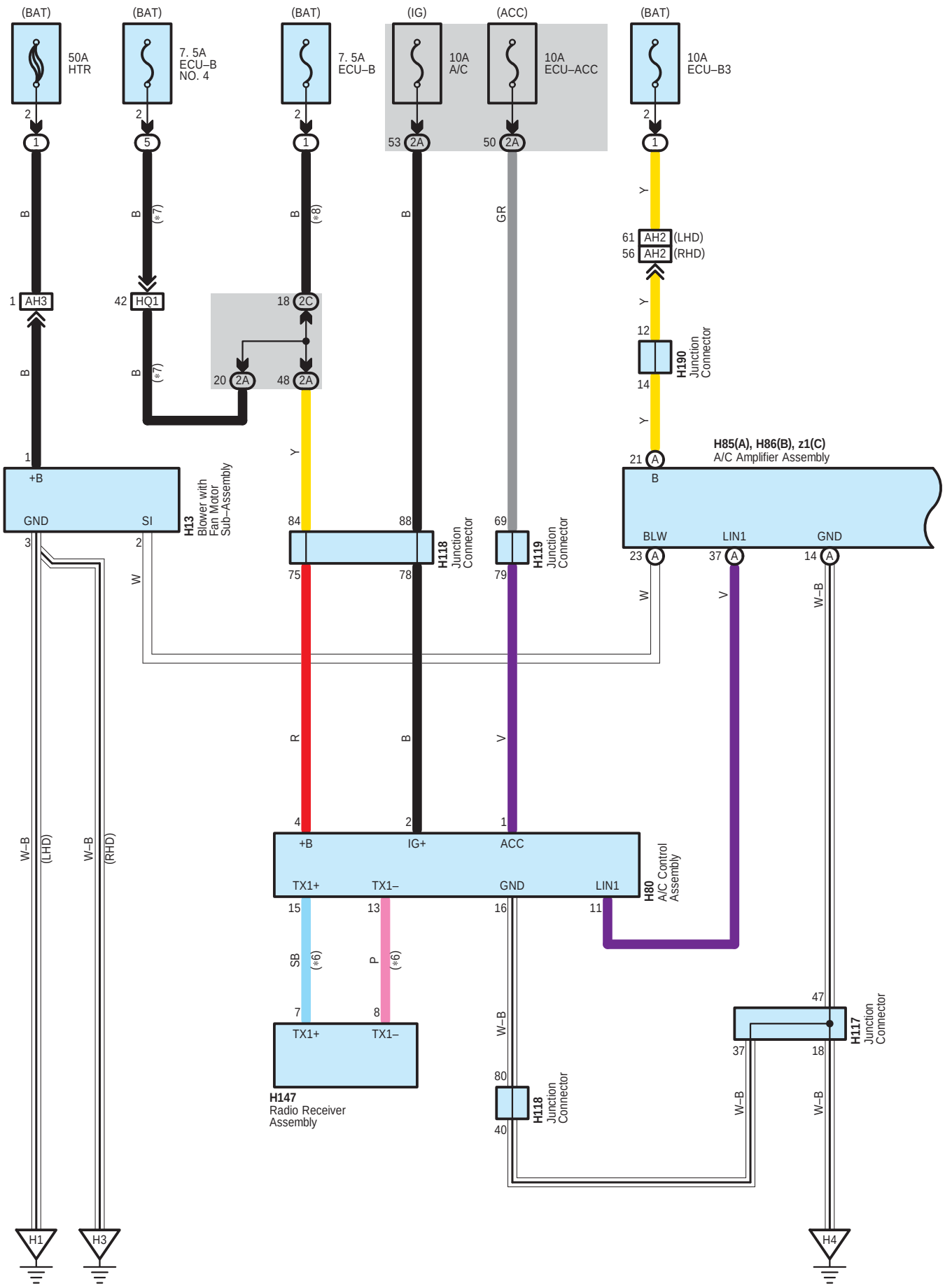
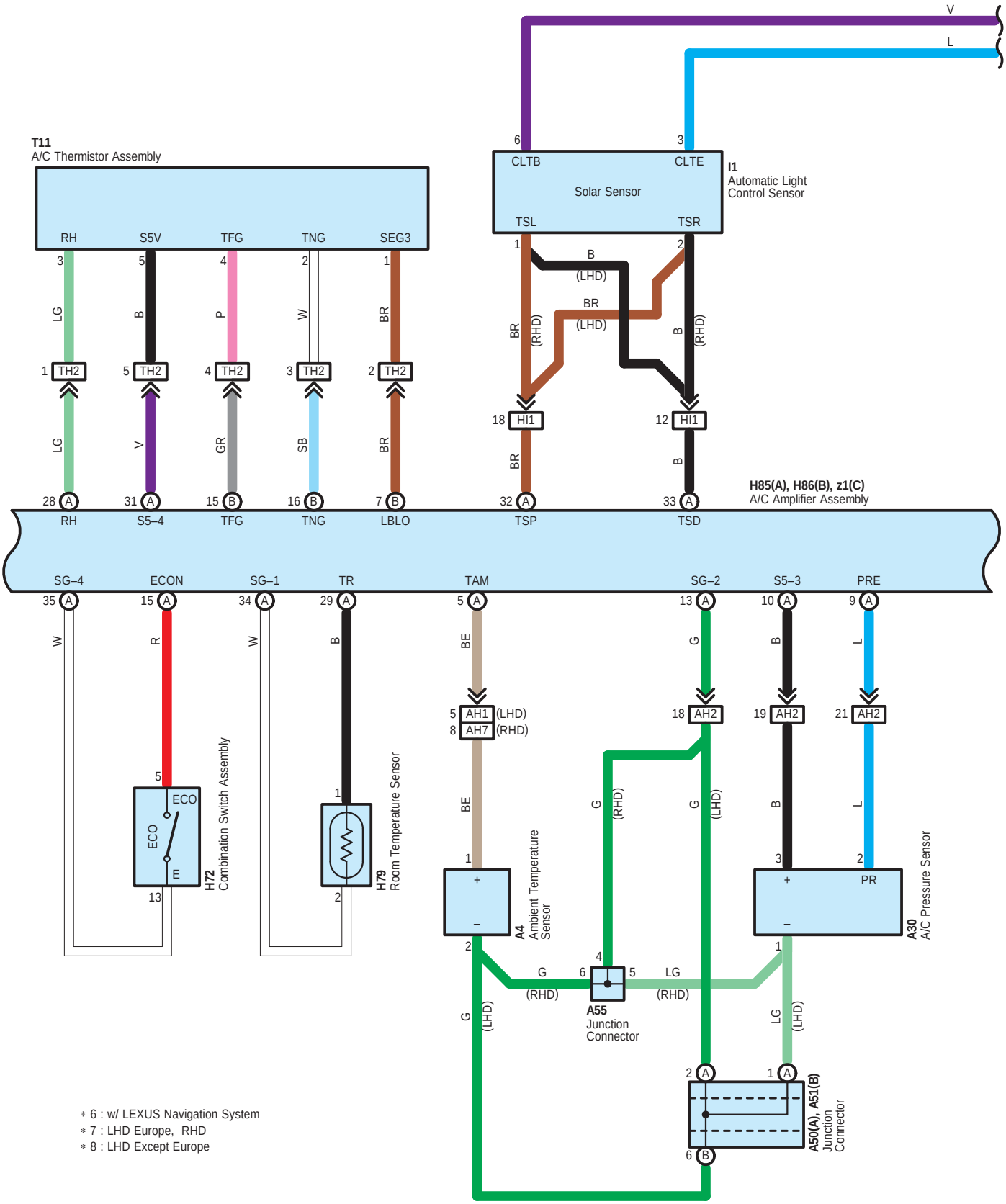
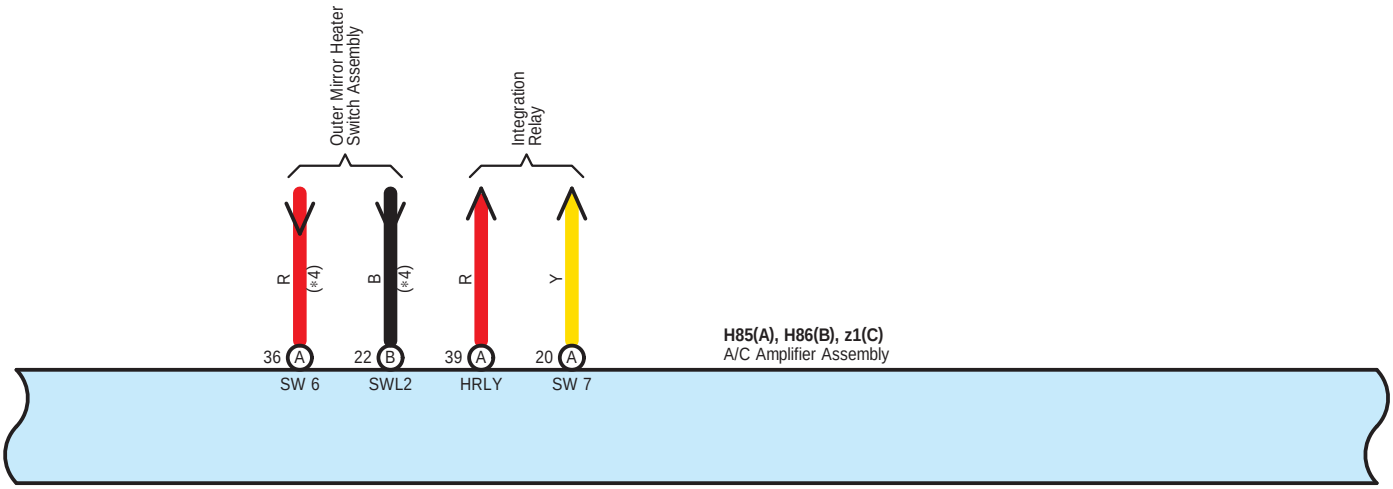
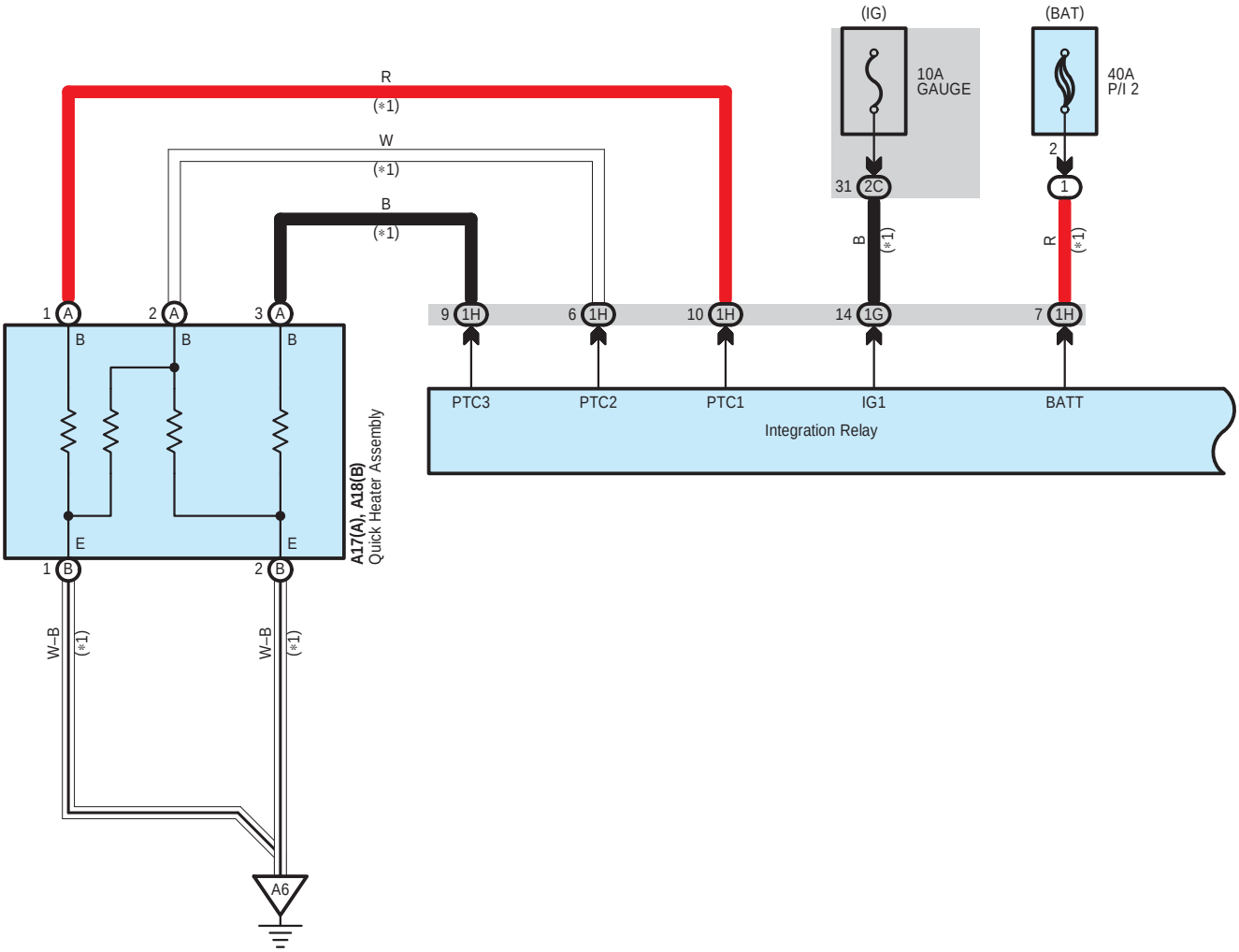

(BAT)
50A
HTR
(BAT)
7. 5A
ECU–B
NO. 4
(BAT)
7. 5A
ECU–B
(IG)
10A
A/C
(ACC)
10A
ECU–ACC
(BAT)
10A
ECU–B3
AH3
HQ1
AH2 (LHD)
AH2 (RHD)
H190
Junction
Connector
H85(A), H86(B), z1(C)
A/C Amplifier Assembly
+B
GND
SI
H13
Blower with
Fan Motor
Sub–Assembly
H118
Junction
Connector
H119
Junction
Connector
BLW
LIN1
GND
+B
IG+
ACC
TX1+
TX1–
GND
LIN1
H80
A/C Control
Assembly
TX1+
TX1–
H147
Radio Receiver
Assembly
H118
Junction
Connector
H117
Junction
Connector
W–B (LHD)
W–B (RHD)
H1
H3
H4

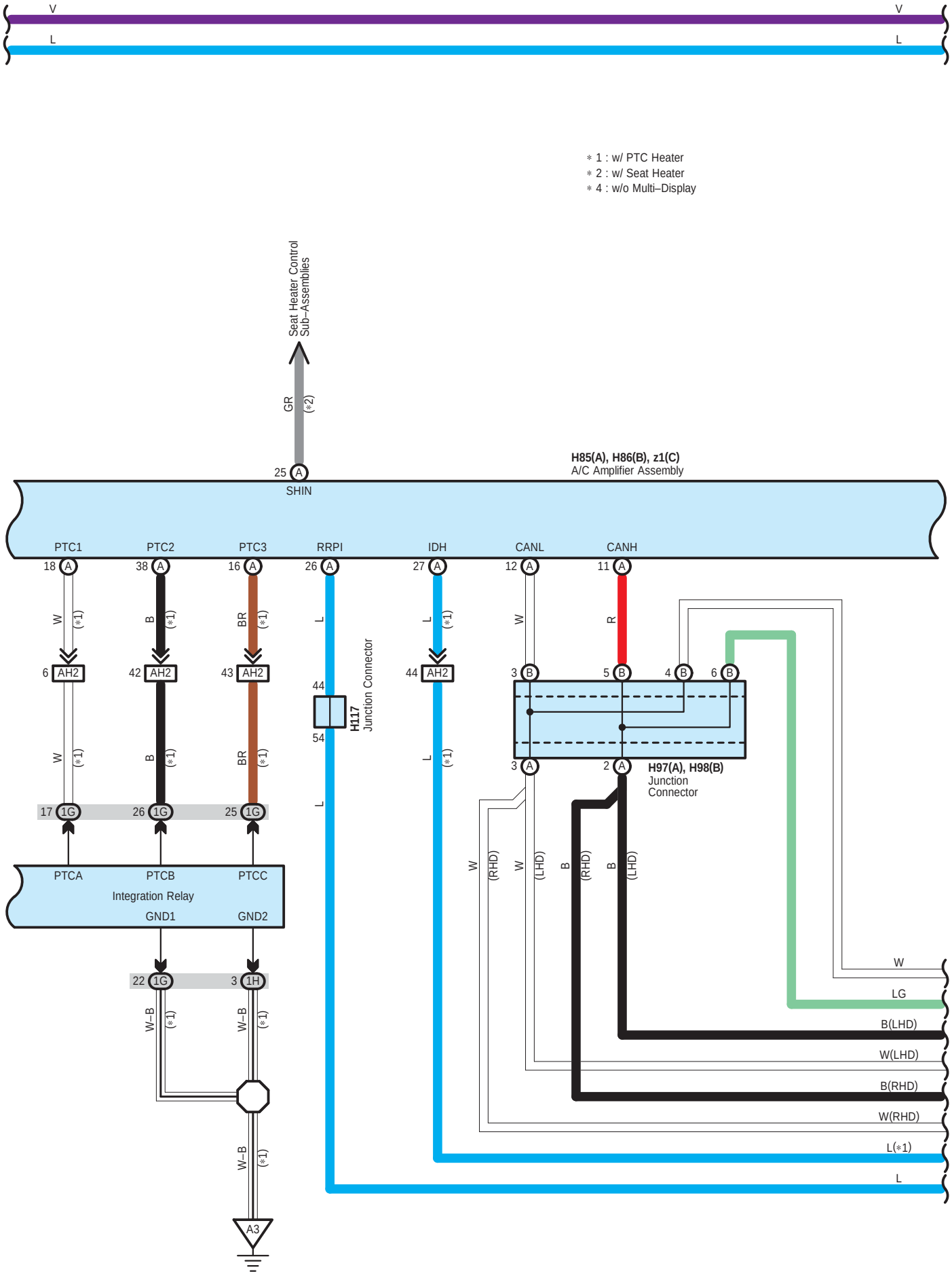


∗ 6 : w/ LEXUS Navigation System
∗ 7 : LHD Europe, RHD
∗ 8 : LHD Except Europe

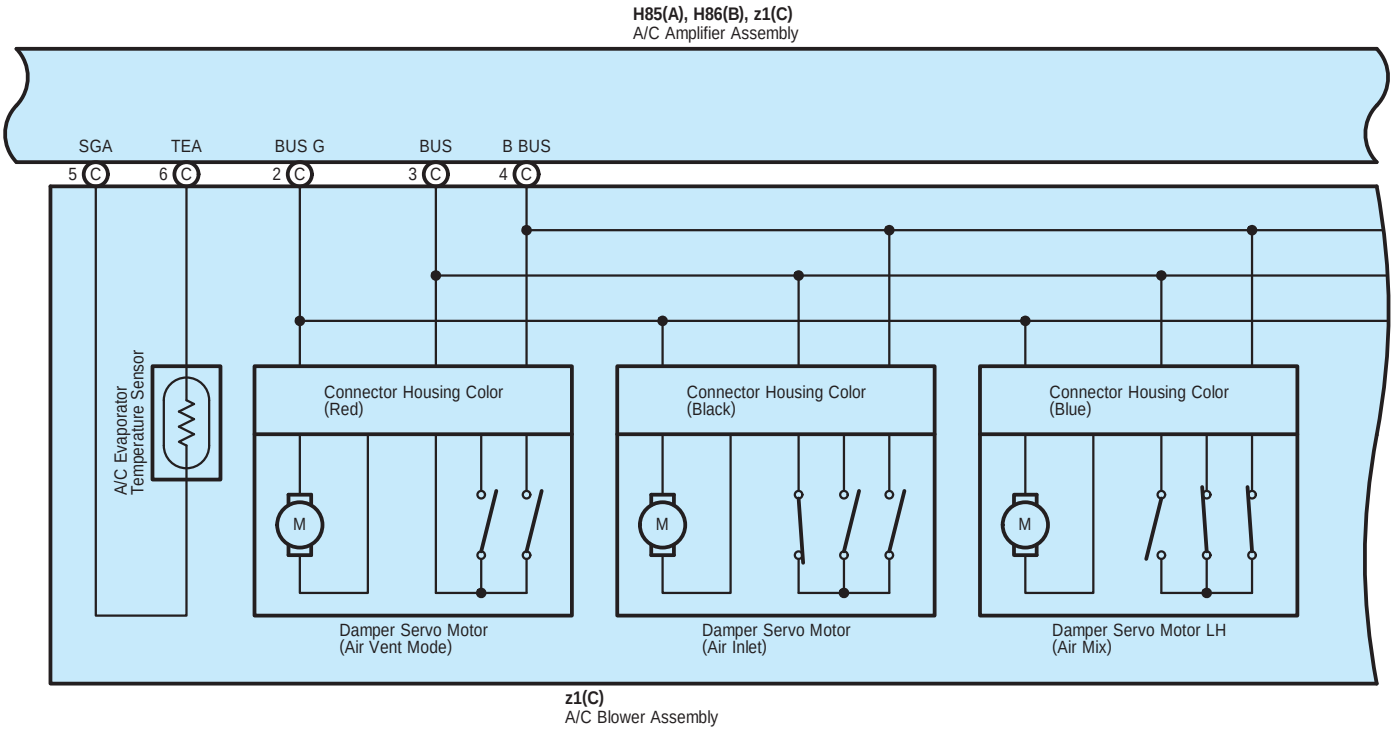
V
V
L
L

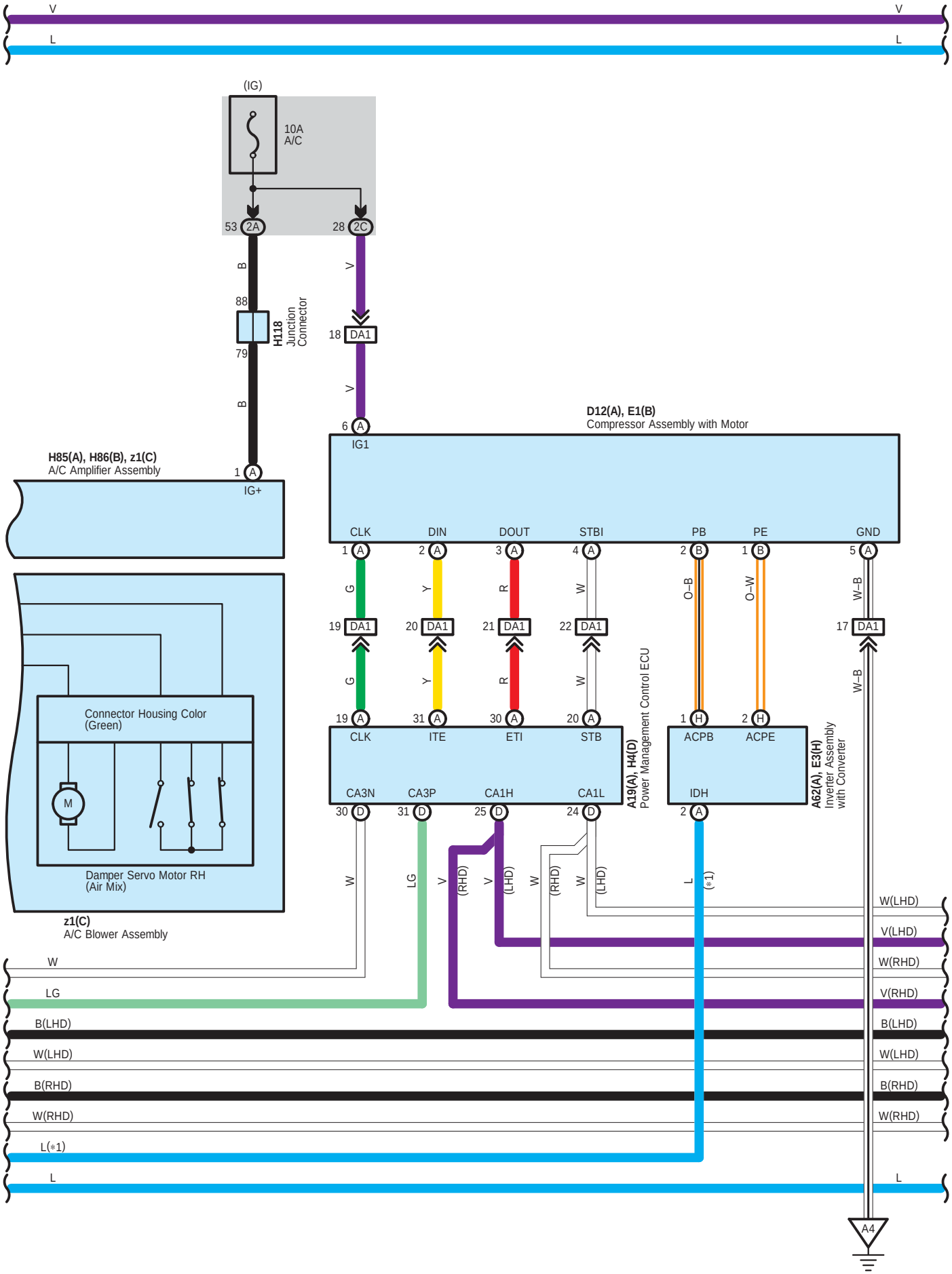

Outer Mirror Heater Switch Assembly
Integration Relay
R
(*4)
B
(*4)
R
Y
36 A
22 B
39 A
20 A
SW 6
SWL2
HRLY
SW 7
H85(A), H86(B), z1(C)
A/C Amplifier Assembly

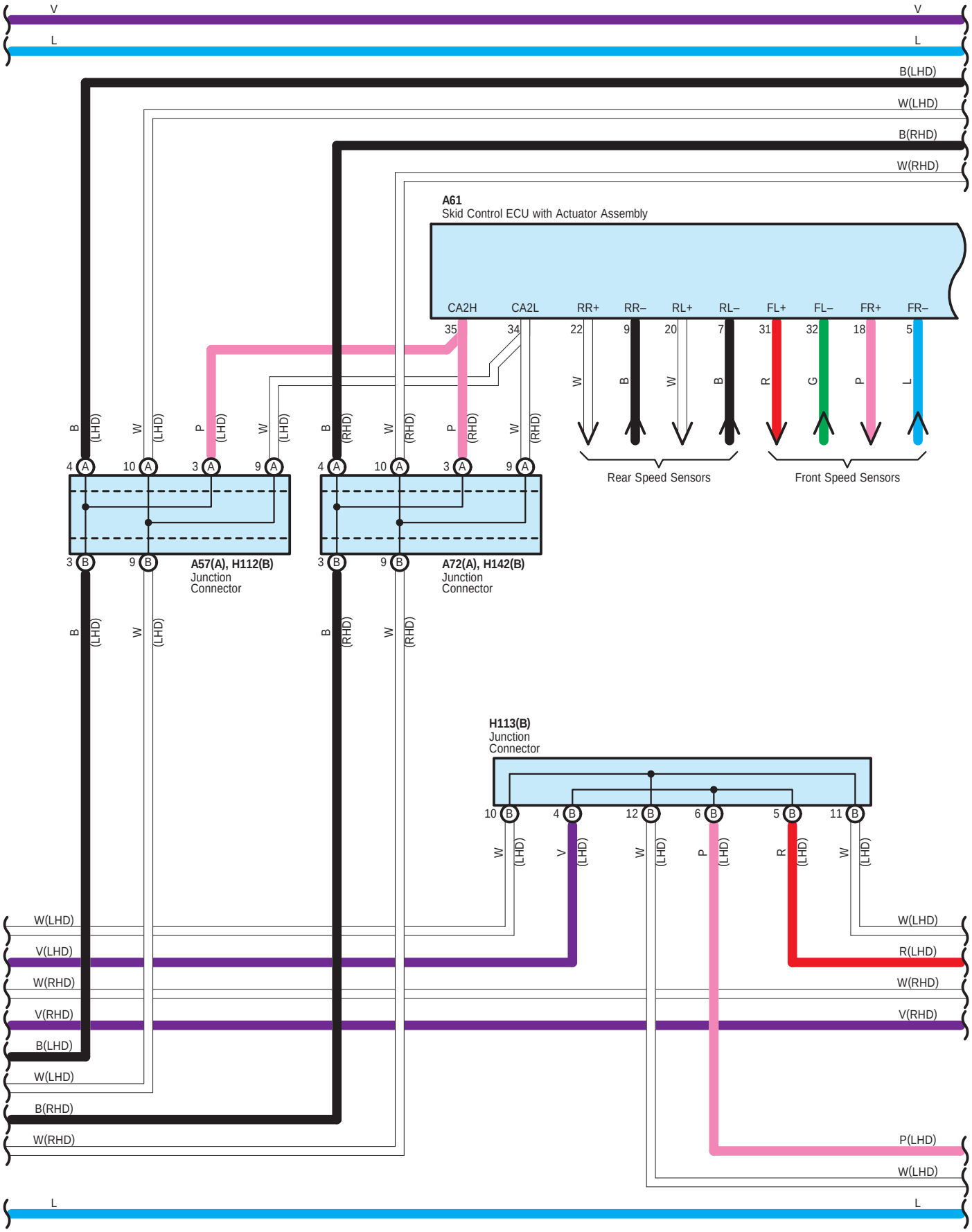

(IG)
(BAT)
10A GAUGE
40A P/I 2
R
(*1)
W
(*1)
B
(*1)
2
31 2C
1
B
(*1)
R
(*1)
1 A
2 A
3 A
9 1H
6 1H
10 1H
14 1G
7 1H
B
B
B
PTC3
PTC2
PTC1
IG1
BATT
Integration Relay
A17(A), A18(B)
Quick Heater Assembly
E
E
1 B
2 B
W–B
(*1)
W–B
(*1)
A6

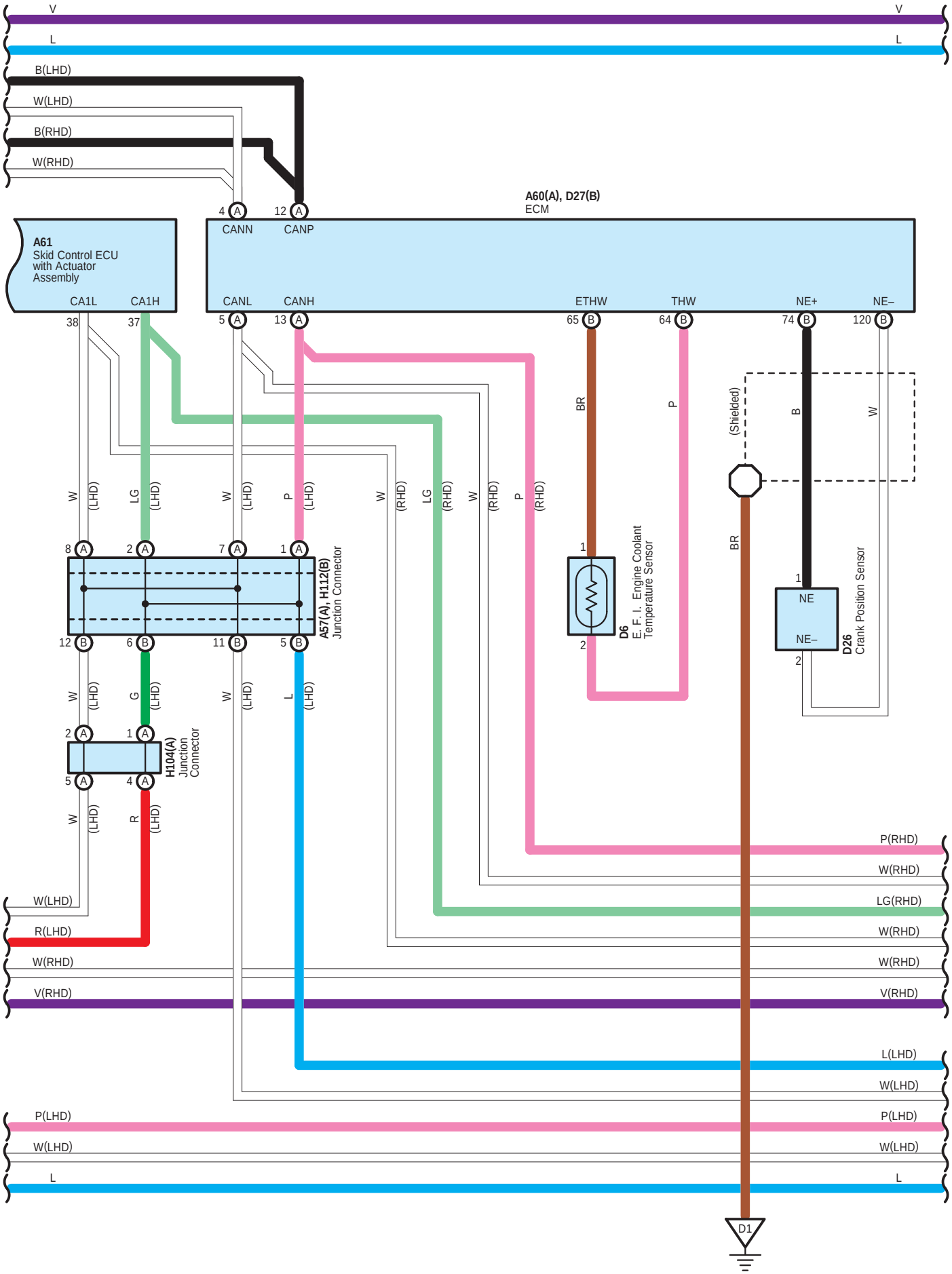

V
L
V
L
∗1 : w/ PTC Heater
∗2 : w/ Seat Heater
∗4 : w/o Multi–Display
Seat Heater Control Sub–Assemblies
GR
(∗2)
25 A
SHIN
H85(A), H86(B), z1(C)
A/C Amplifier Assembly
PTC1
PTC2
PTC3
RRPI
IDH
CANL
CANH
18 A
38 A
16 A
26 A
27 A
12 A
11 A
W
(∗1)
B
BR
L
R
6 AH2
42 AH2
43 AH2
44 AH2
44
54
H117
Junction Connector
3 B
5 B
4 B
6 B
3 A
2 A
H97(A), H98(B)
Junction Connector
17 1G
26 1G
25 1G
PTCA
PTCB
PTCC
Integration Relay
GND1
GND2
22 1G
3 1H
W–B
A3
(RHD)
(LHD)
W
LG
B(LHD)
W(LHD)
B(RHD)
W(RHD)
L(∗1)
L

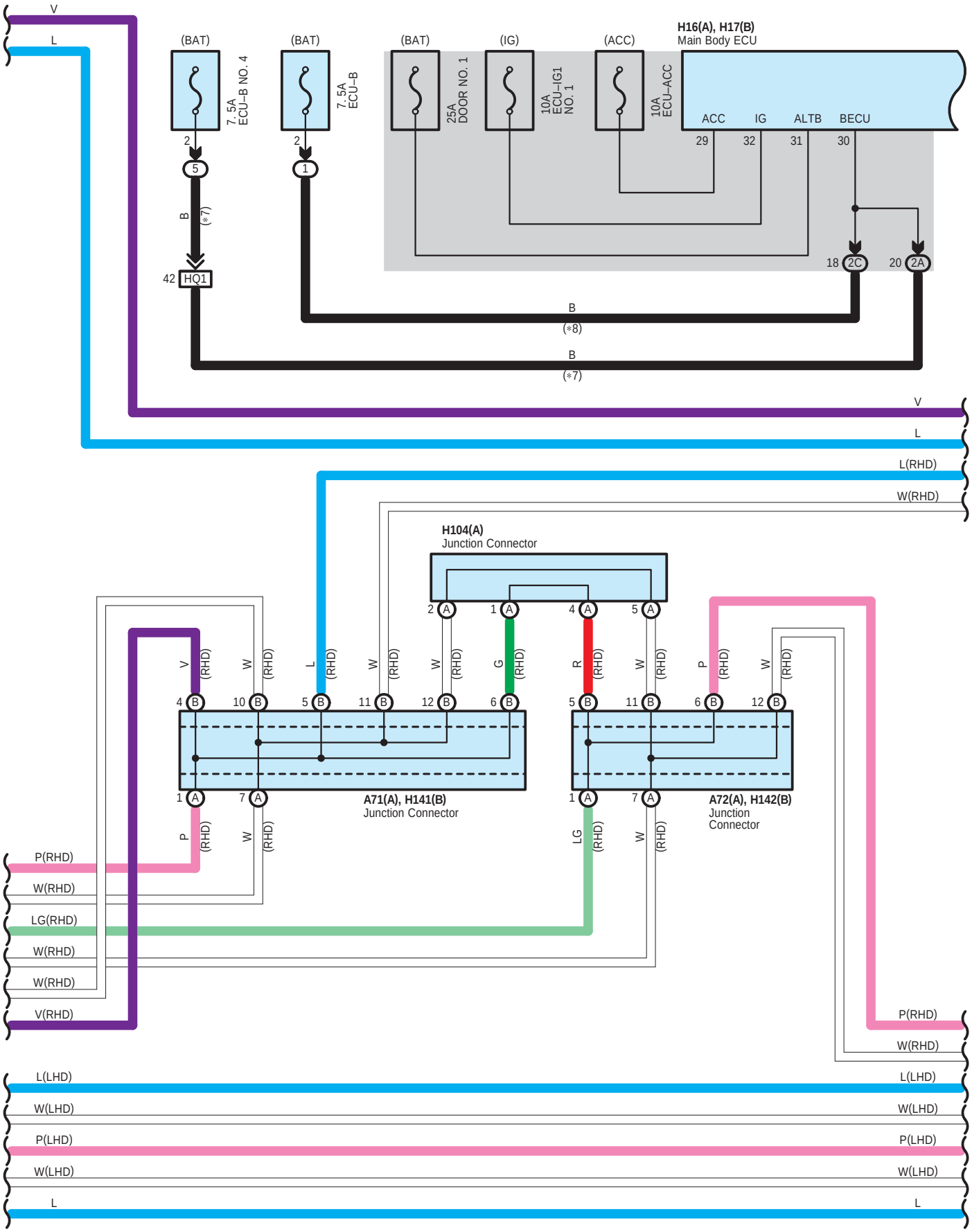
∗ 1 : w/ PTC Heater

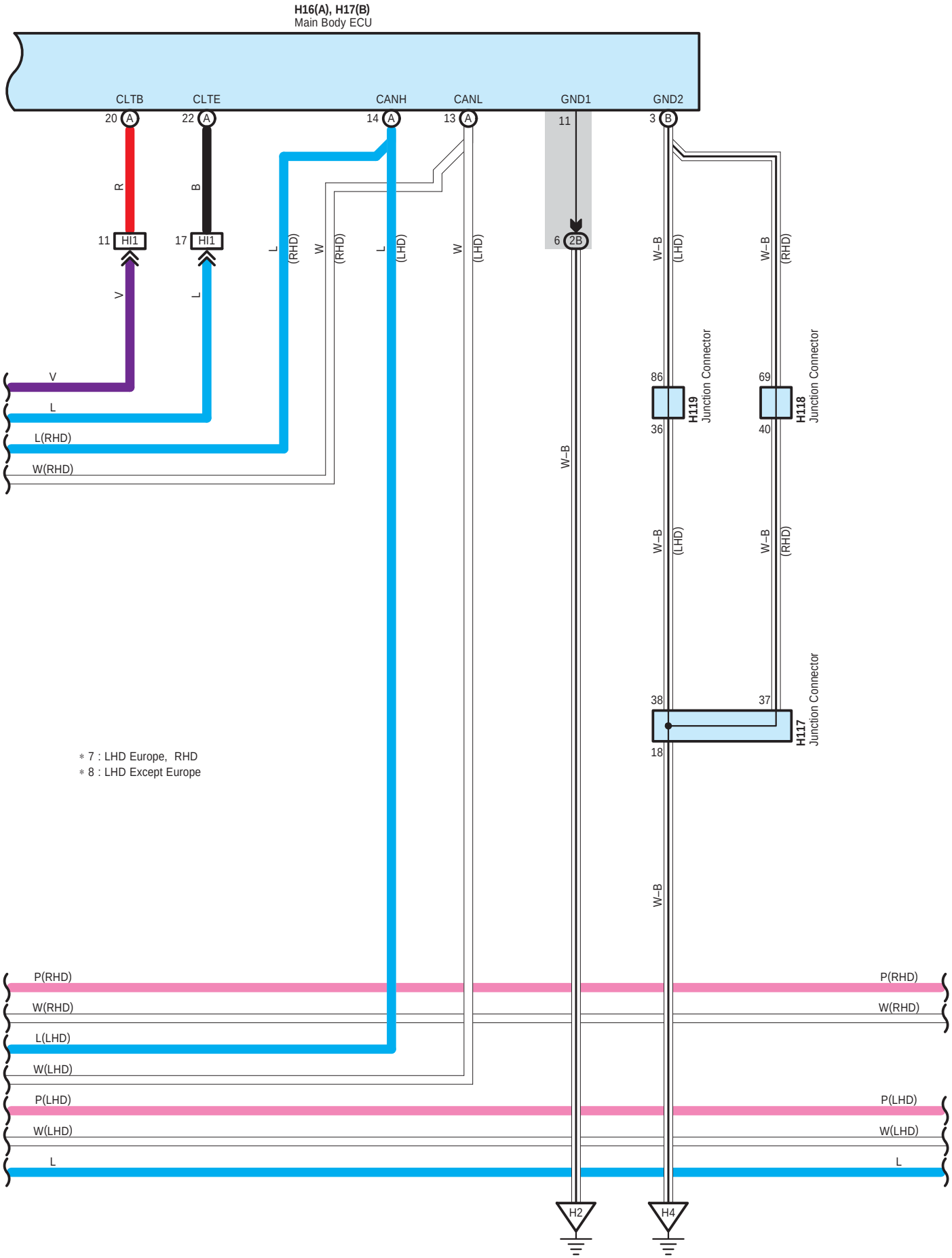


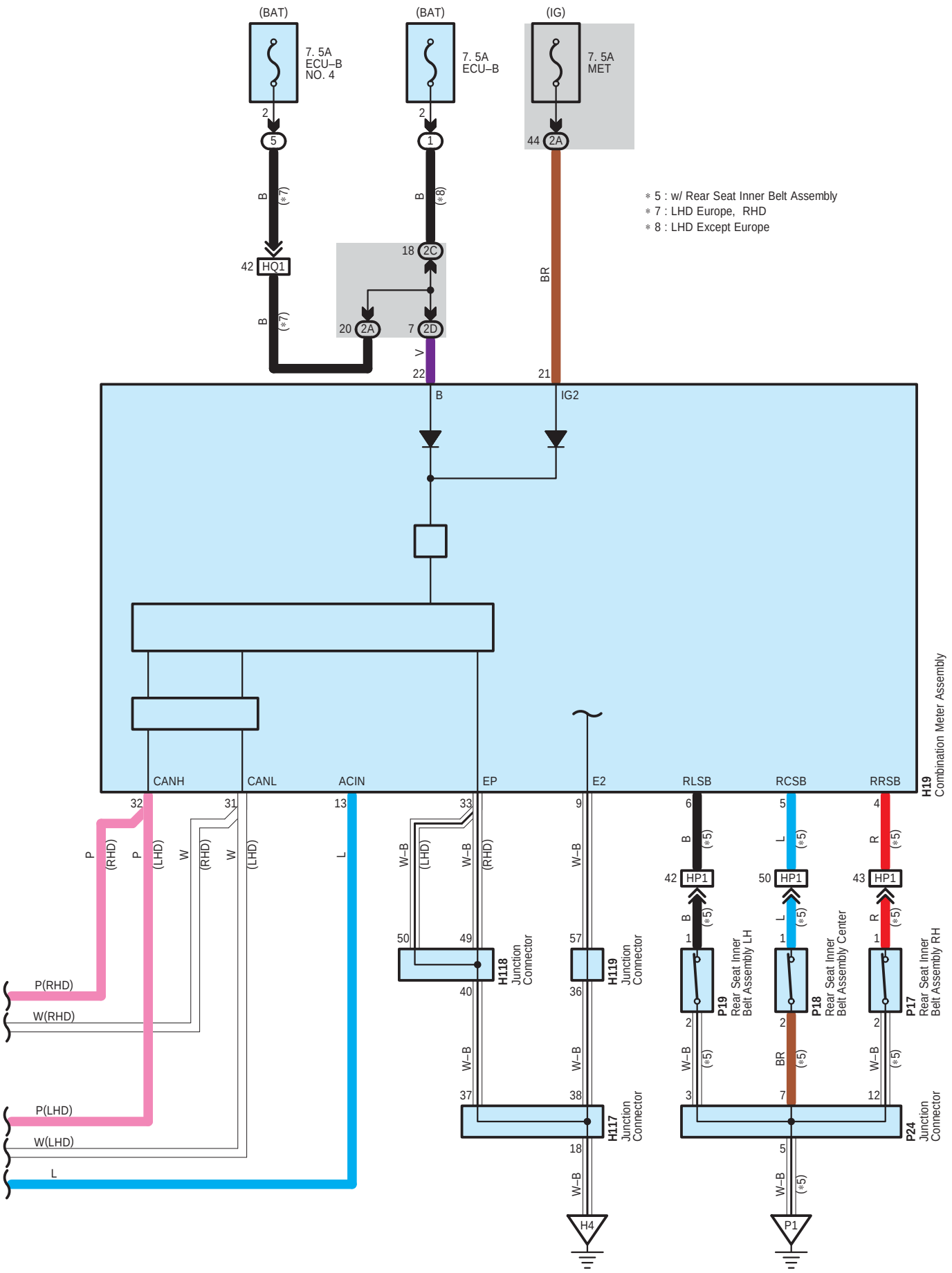

V
L
(IG)
10A
A/C
53 2A
28 2C
B
V
88
H118
Junction
Connector
79
18 DA1
B
V
6 A
IG1
D12(A), E1(B)
Compressor Assembly with Motor
H85(A), H86(B), z1(C)
A/C Amplifier Assembly
1 A
IG+
CLK
DIN
DOUT
STBI
PB
PE
GND
1 A
2 A
3 A
4 A
2 B
1 B
5 A
G
Y
R
W
O–B
O–W
W–B
19 DA1
20 DA1
21 DA1
22 DA1
17 DA1
G
Y
R
W
W–B
Connector Housing Color
(Green)
M
Damper Servo Motor RH
(Air Mix)
19 A
31 A
30 A
20 A
1 H
2 H
CLK
ITE
ETI
STB
ACPB
ACPE
A19(A), H4(D)
Power Management Control ECU
A62(A), E3(H)
Inverter Assembly
with Converter
CA3N
CA3P
CA1H
CA1L
IDH
30 D
31 D
25 D
24 D
2 A
W
LG
V
(RHD)
V
(LHD)
W
(RHD)
W
(LHD)
L
(*1)
z1(C)
A/C Blower Assembly
W(LHD)
V(LHD)
W
W(RHD)
LG
V(RHD)
B(LHD)
B(LHD)
W(LHD)
W(LHD)
B(RHD)
B(RHD)
W(RHD)
W(RHD)
L(*1)
L
L
A4


V
L
B(LHD)
W(LHD)
B(RHD)
W(RHD)
A61
Skid Control ECU with Actuator Assembly
CA2H
CA2L
RR+
RR–
RL+
RL–
FL+
FL–
FR+
FR–
35
34
22
9
20
7
31
32
18
5
W
B
W
B
R
G
P
L
Rear Speed Sensors
Front Speed Sensors
B (LHD)
W (LHD)
P (LHD)
W (LHD)
B (RHD)
W (RHD)
P (RHD)
W (RHD)
4 A
10 A
3 A
9 A
3 B
9 B
A57(A), H112(B)
Junction
Connector
A72(A), H142(B)
Junction
Connector
H113(B)
Junction
Connector
10 B
4 B
12 B
6 B
5 B
11 B
V (LHD)
R (LHD)
W(LHD)
V(LHD)
W(RHD)
V(RHD)
B(LHD)
B(RHD)
P(LHD)


V
L
B(LHD)
W(LHD)
B(RHD)
W(RHD)
A60(A), D27(B)
ECM
4 A CANN
12 A CANP
A61
Skid Control ECU
with Actuator
Assembly
CA1L
CA1H
CANL
CANH
ETHW
THW
NE+
NE–
38
37
5 A
13 A
65 B
64 B
74 B
120 B
BR
P
B
W
(Shielded)
W (LHD)
LG (LHD)
W (LHD)
P (LHD)
W (RHD)
LG (RHD)
W (RHD)
P (RHD)
8 A
2 A
7 A
1 A
A57(A), H112(B)
Junction Connector
12 B
6 B
11 B
5 B
D6
E. F. I. Engine Coolant
Temperature Sensor
NE
NE–
D26
Crank Position Sensor
W (LHD)
G (LHD)
W (LHD)
L (LHD)
2 A
1 A
H104(A)
Junction
Connector
5 A
4 A
W (LHD)
R (LHD)
P(RHD)
W(RHD)
LG(RHD)
W(RHD)
W(RHD)
V(RHD)
L(LHD)
W(LHD)
P(LHD)
W(LHD)
L
D1

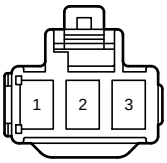

V
L
(BAT)
7.5A
ECU–B NO. 4
(BAT)
7.5A
ECU–B
(BAT)
25A
DOOR NO. 1
(IG)
10A
ECU–IG1
NO. 1
(ACC)
10A
ECU–ACC
H16(A), H17(B)
Main Body ECU
ACC
IG
ALTB
BECU
29
32
31
30
2
5
2
1
B
(*7)
42
HQ1
18
2C
20
2A
B
(*8)
B
(*7)
V
L
L(RHD)
W(RHD)
H104(A)
Junction Connector
A71(A), H141(B)
Junction Connector
A72(A), H142(B)
Junction
Connector
P(RHD)
W(RHD)
LG(RHD)
W(RHD)
W(RHD)
V(RHD)
P(RHD)
W(RHD)
L(LHD)
W(LHD)
P(LHD)
W(LHD)
L


H16(A), H17(B)
Main Body ECU
CLTB
CLTE
CANH
CANL
GND1
GND2
20 A
22 A
14 A
13 A
11
3 B
R
B
11 HI1
17 HI1
6 2B
V
L
L (RHD)
W (RHD)
L (LHD)
W (LHD)
W–B (LHD)
W–B (RHD)
86
36
69
40
H119 Junction Connector
H118 Junction Connector
W–B
38
37
18
H117 Junction Connector
∗ 7 : LHD Europe, RHD
∗ 8 : LHD Except Europe
P(RHD)
W(RHD)
L(LHD)
W(LHD)
P(LHD)
W(LHD)
L
H2
H4

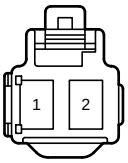

(BAT)
7. 5A
ECU–B
NO. 4
(BAT)
7. 5A
ECU–B
(IG)
7. 5A
MET
∗ 5 : w/ Rear Seat Inner Belt Assembly
∗ 7 : LHD Europe, RHD
∗ 8 : LHD Except Europe
HQ1
2C
2A
2D
2A
B
IG2
CANH
CANL
ACIN
EP
E2
RLSB
RCSB
RRSB
H19
Combination Meter Assembly
HP1
P19
Rear Seat Inner
Belt Assembly LH
P18
Rear Seat Inner
Belt Assembly Center
P17
Rear Seat Inner
Belt Assembly RH
H118
Junction
Connector
H119
Junction
Connector
H117
Junction
Connector
P24
Junction
Connector
P(RHD)
W(RHD)
P(LHD)
W(LHD)
L
H4
P1

A 4
Black

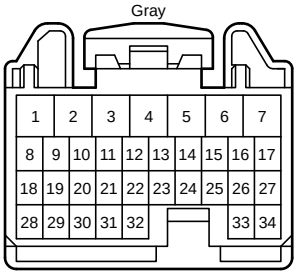
A 17
White



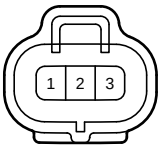
A 18
White



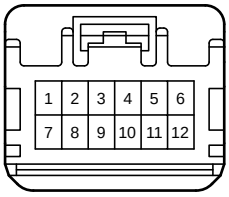
A 19
Gray



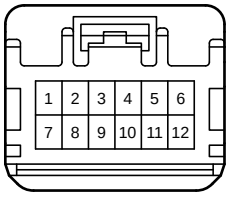
A 30
Black



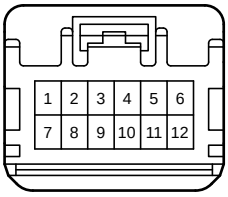
A 50
White



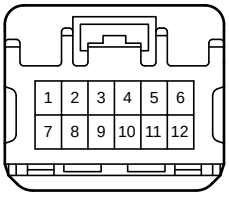
A 51
White



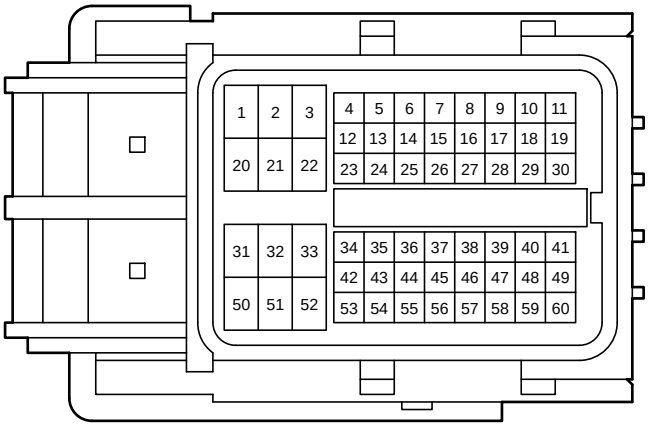
A 55
Black



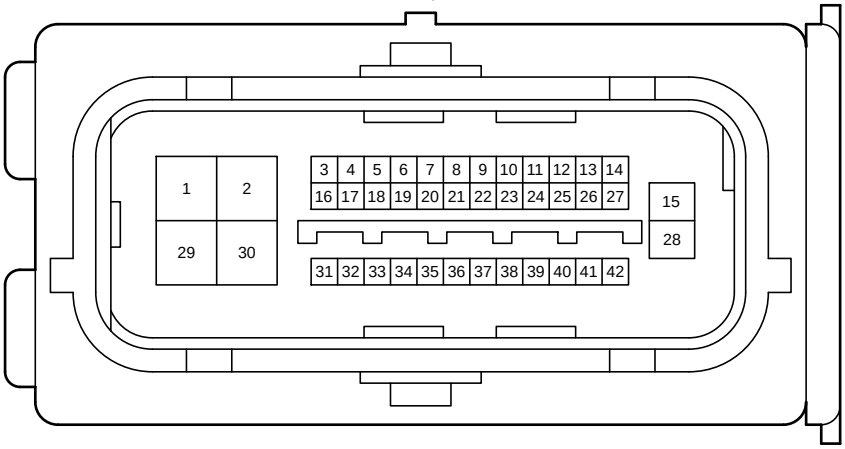
A 57
Blue



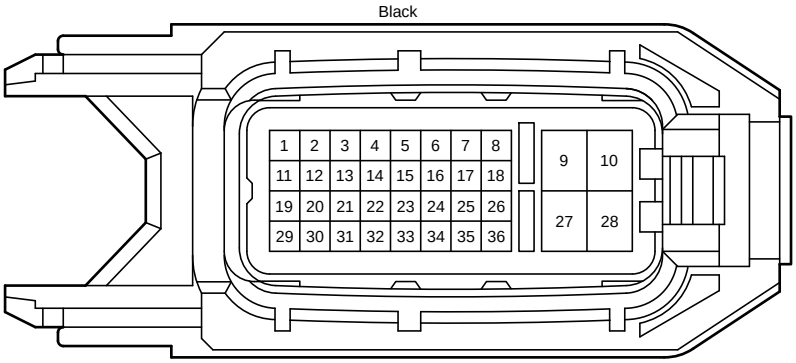
A 60
Black



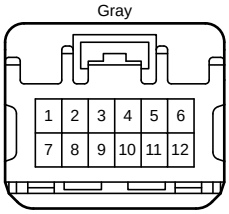
A 61
Gray



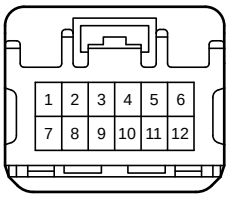
A 62
Black



A 71
Gray

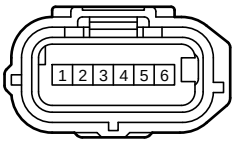


A 72
Blue

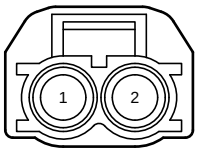


D 6
Black

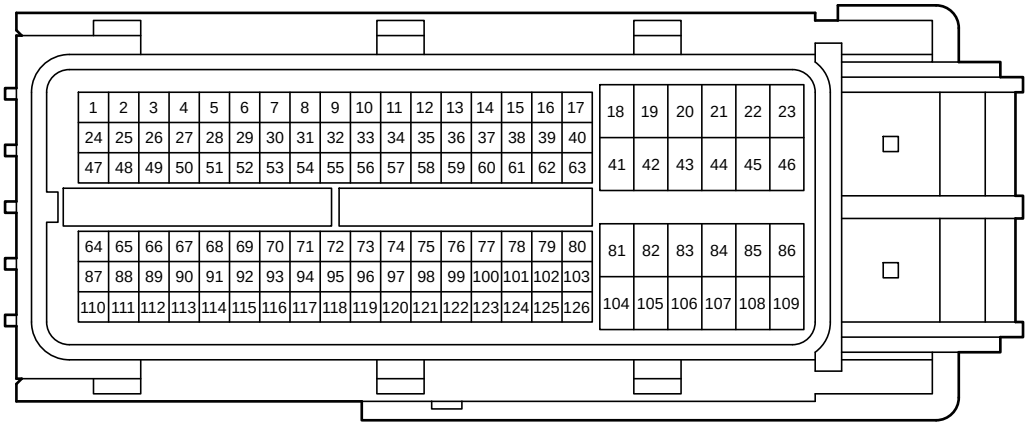
D 12
Black



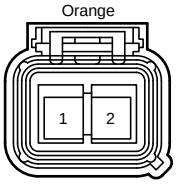
D 26
Black



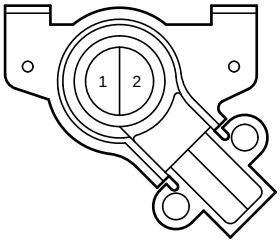
D 27
Black



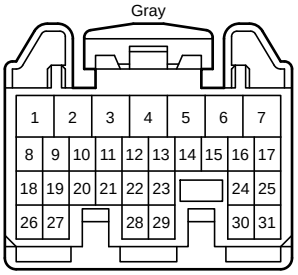
E 1
Orange



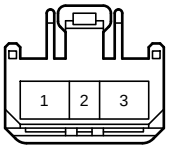
E 3
White



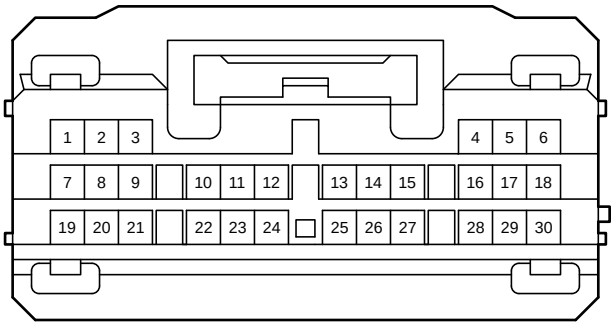
H 4
Gray



H 13
Black



H 16
Black



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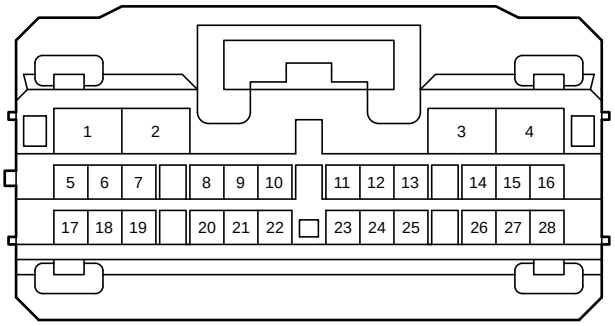

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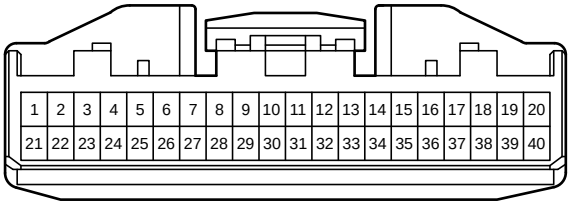

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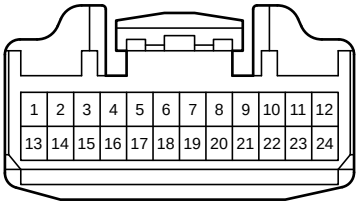

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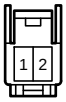

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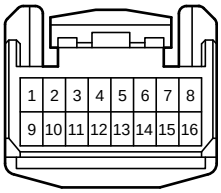

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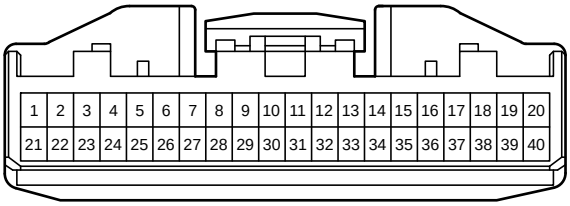

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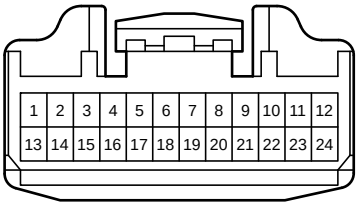

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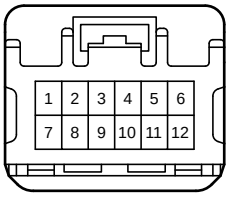

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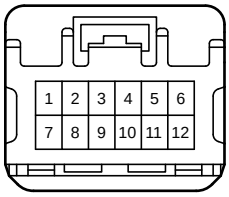

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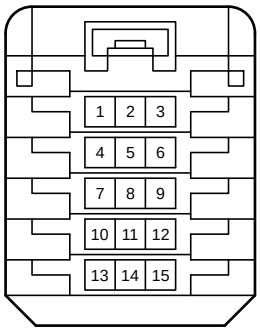

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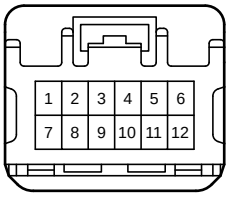

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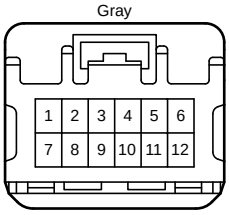

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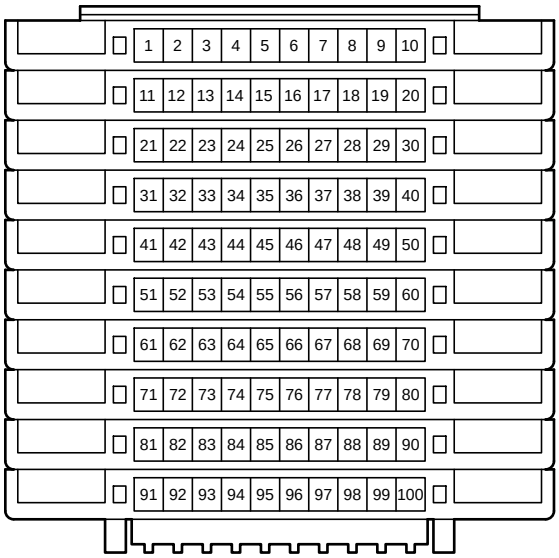

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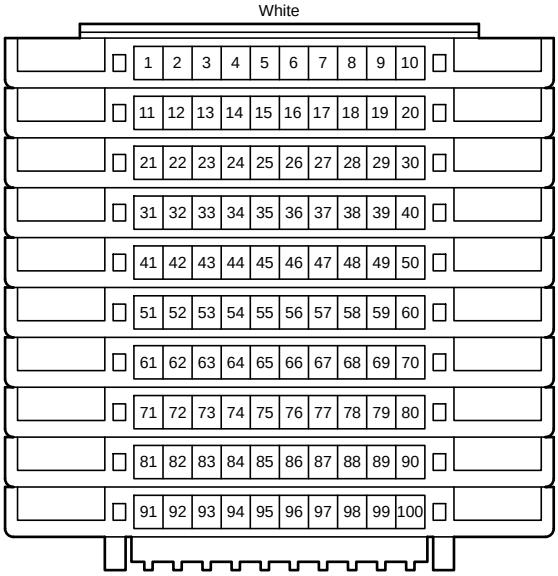

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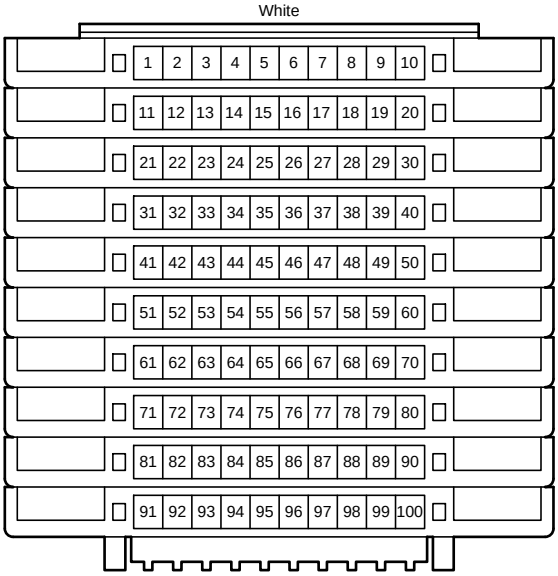

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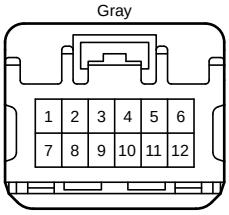

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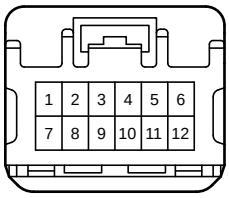

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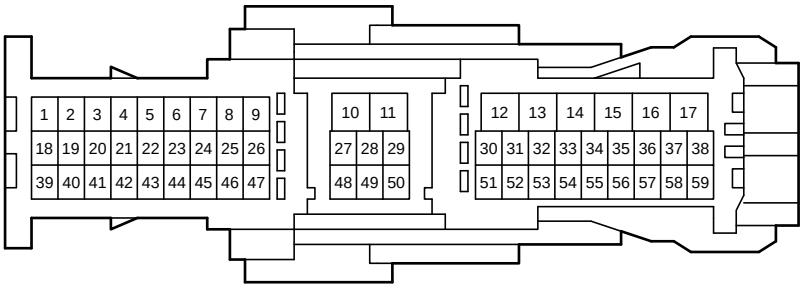

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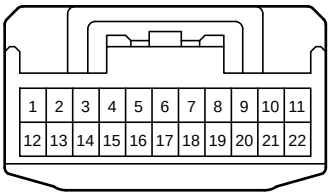

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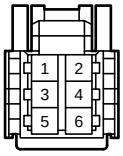

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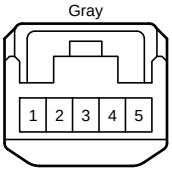

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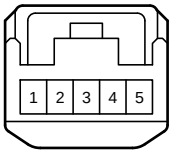

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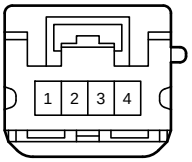

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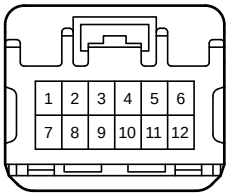

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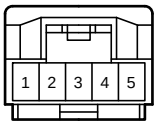

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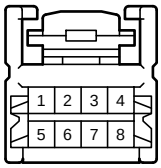

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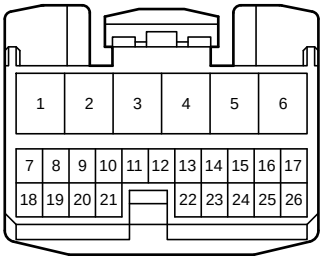

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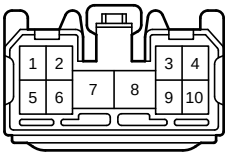

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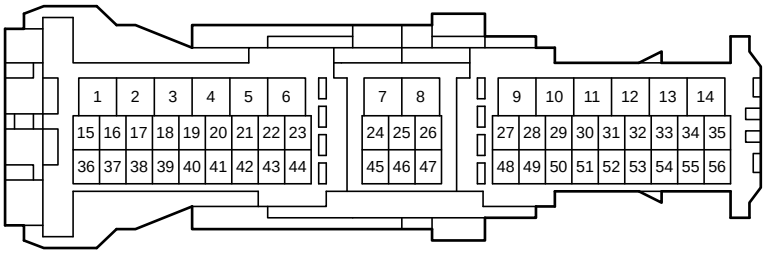

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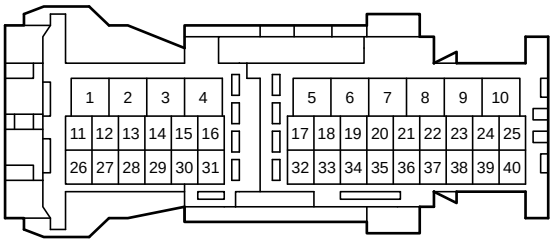

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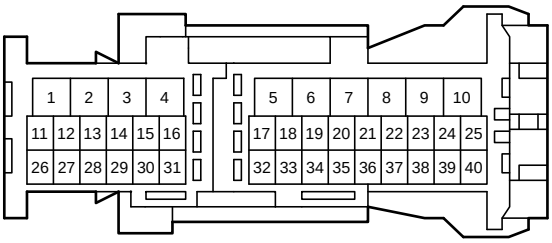

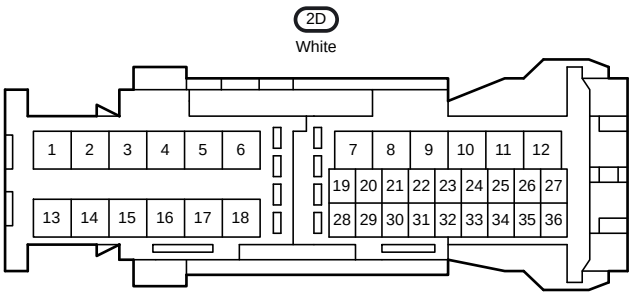
2D
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13 14 15 16 17 18
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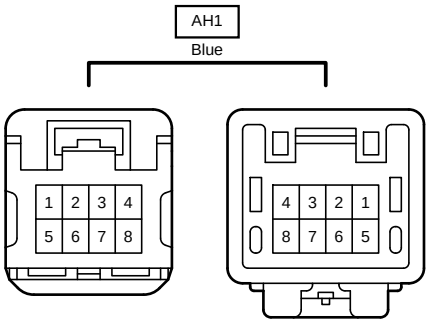
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Blue
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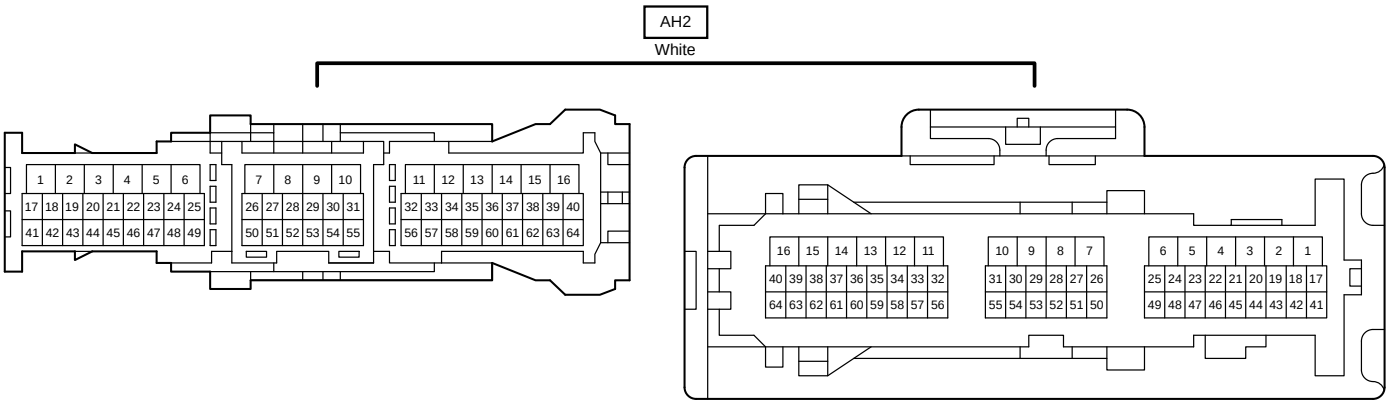
5 6 7 8
4 3 2 1
8 7 6 5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17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40
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16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1
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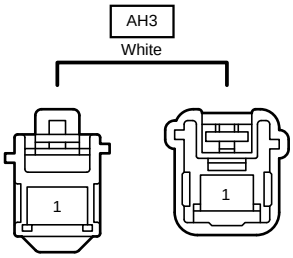
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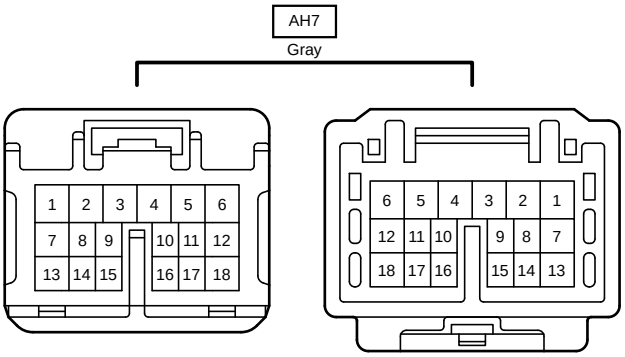
1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Gray
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13 14 15 16 17 18
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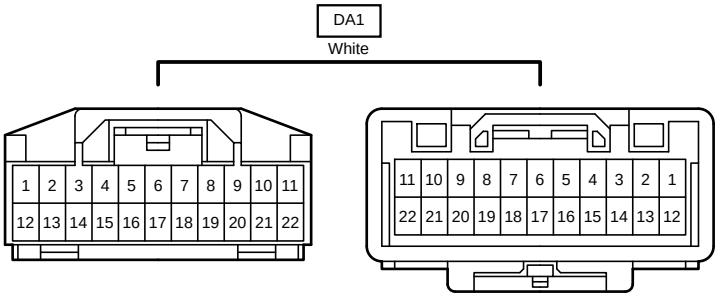
12 11 10 9 8 7
18 17 16 15 14 13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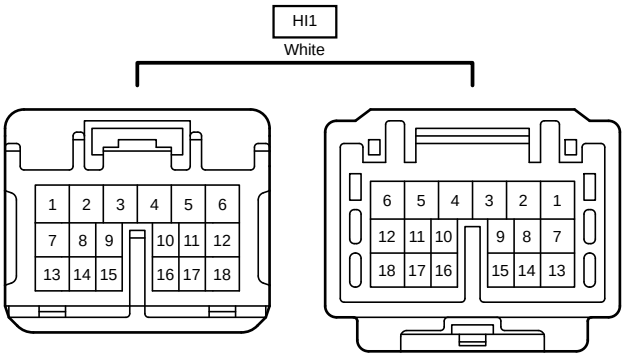
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White
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12 11 10 9 8 7
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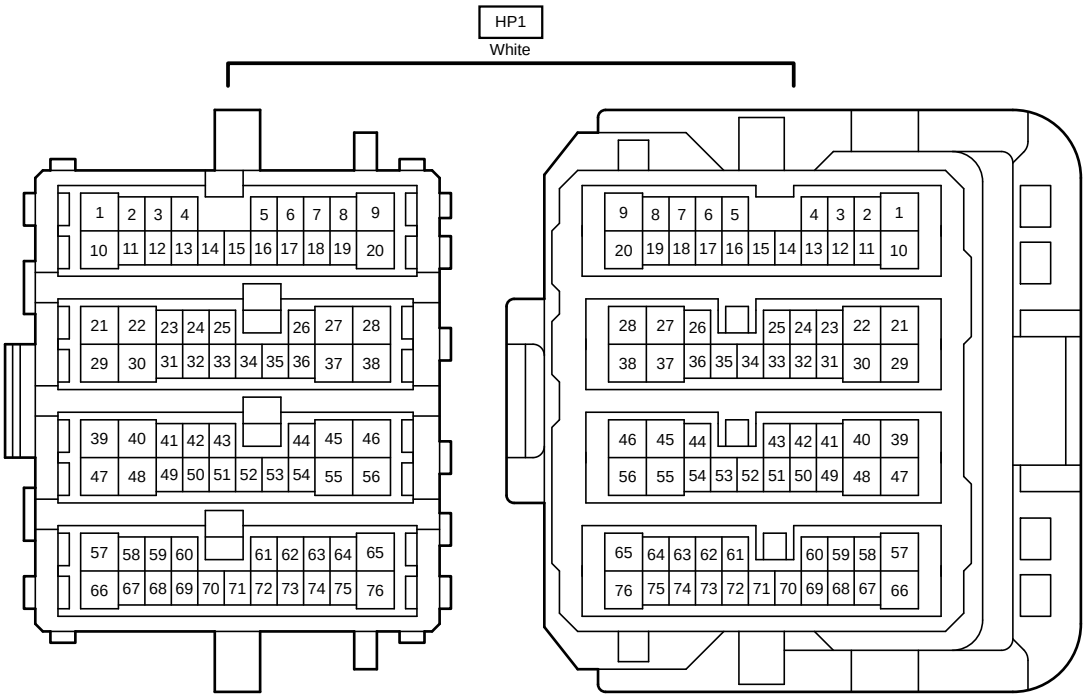
HP1
White
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21 22 23 24 25 26 27 28
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47 48 49 50 51 52 53 54 55 56
57 58 59 60 61 62 63 64 65
66 67 68 69 70 71 72 73 74 75 76
9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12 11 10
28 27 26 25 24 23 22 21
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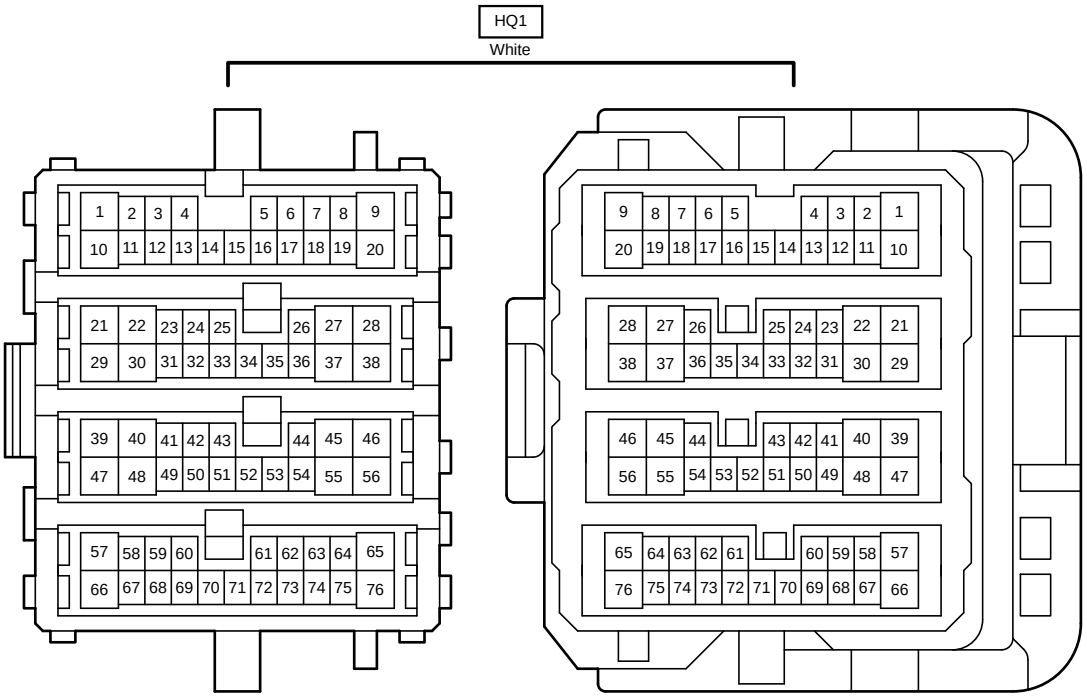
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White
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57 58 59 60 61 62 63 64 65
66 67 68 69 70 71 72 73 74 75 76
9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12 11 10
28 27 26 25 24 23 22 21
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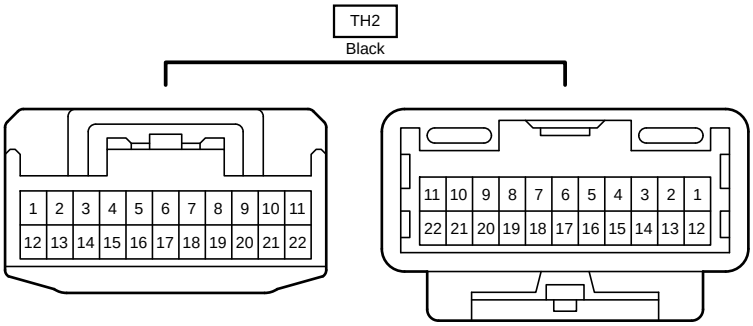
TH2
Black
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12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12