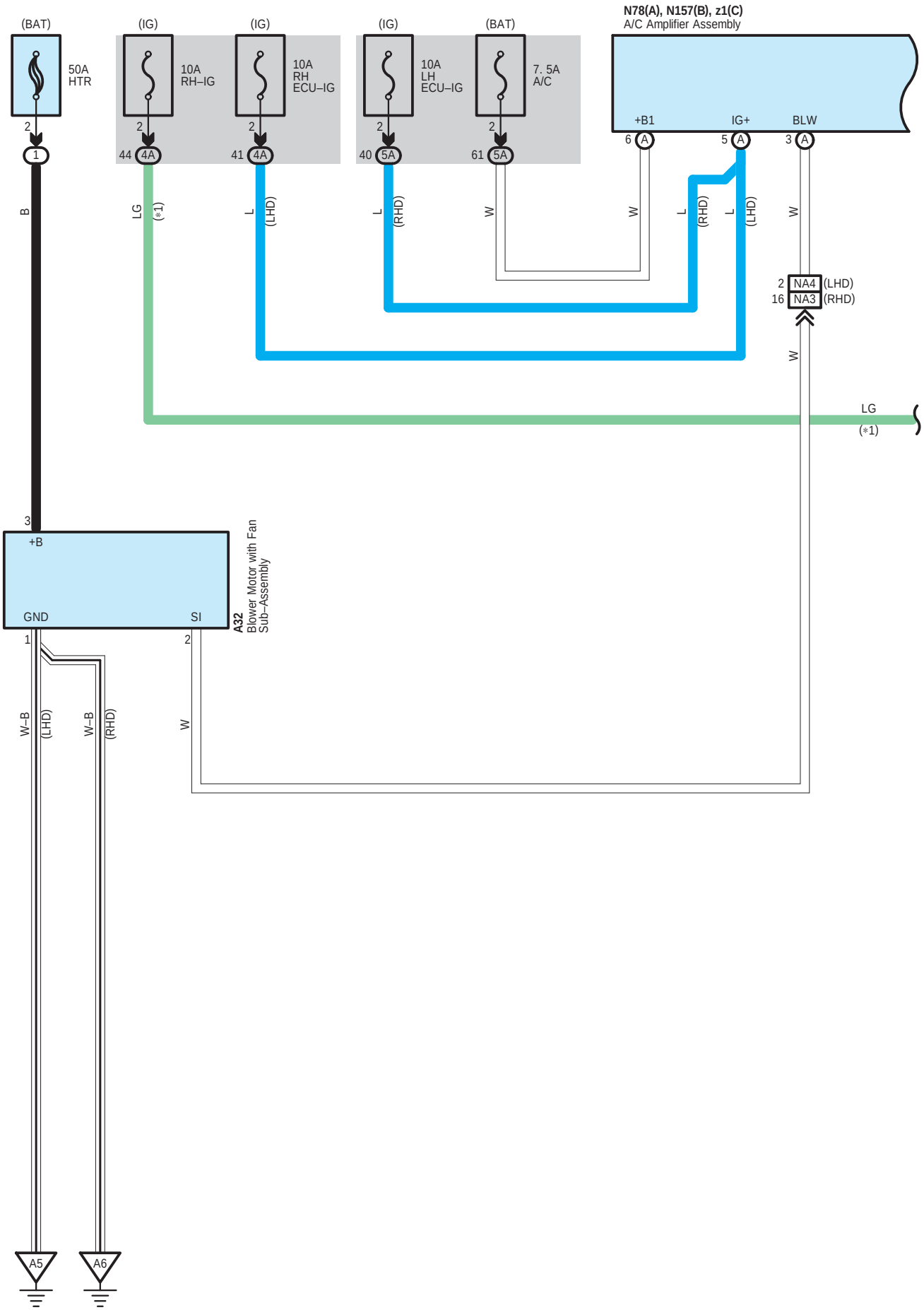
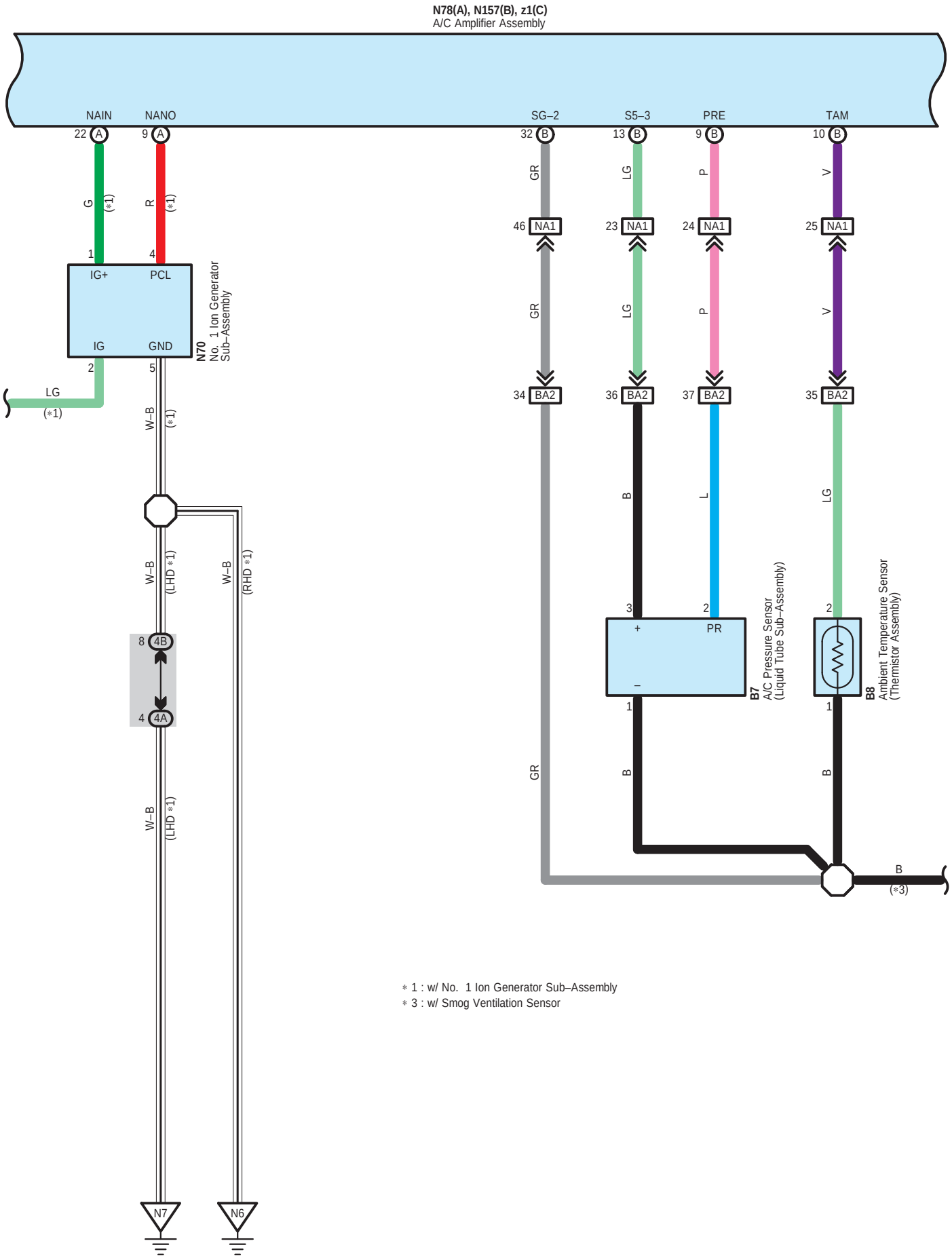
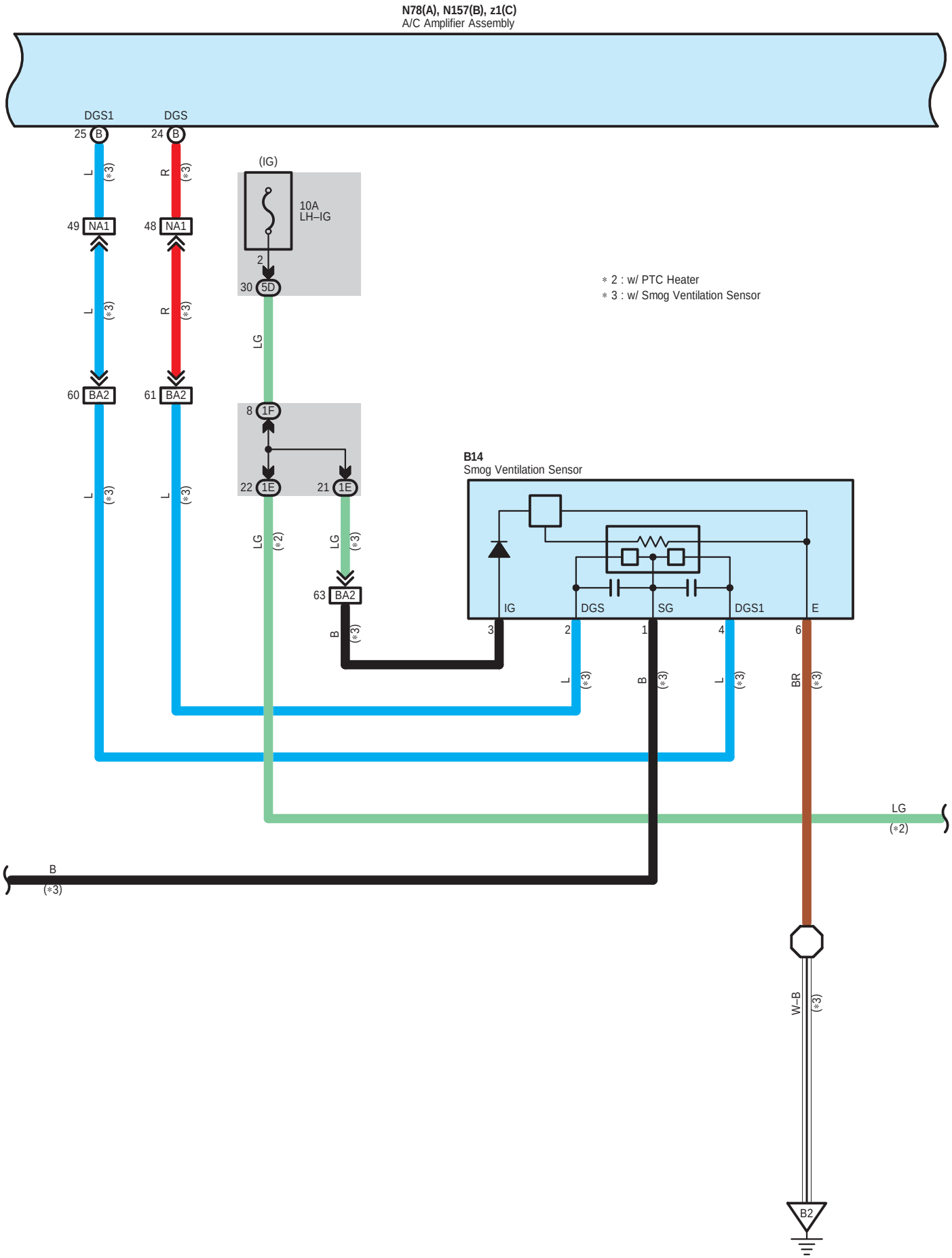
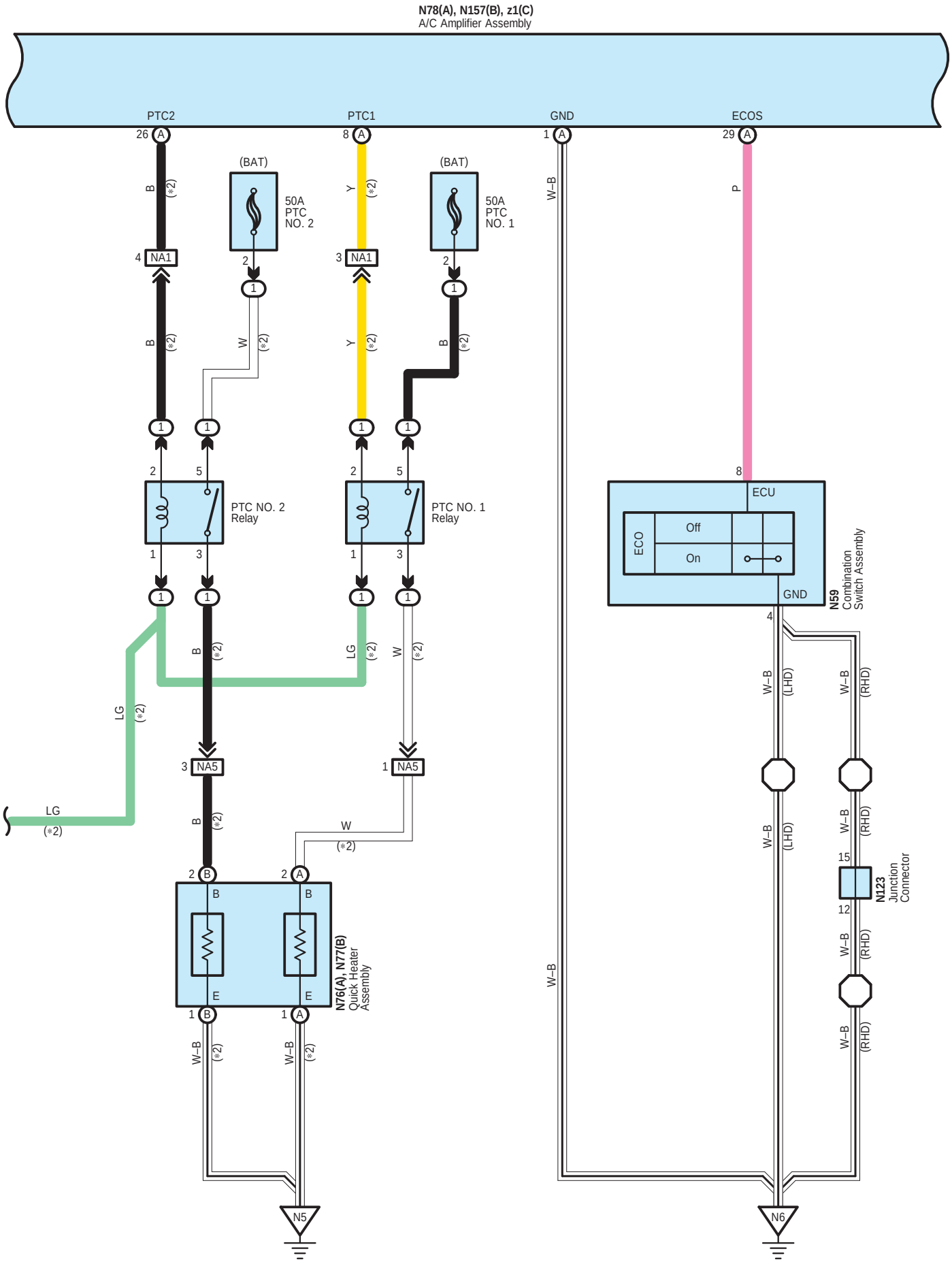
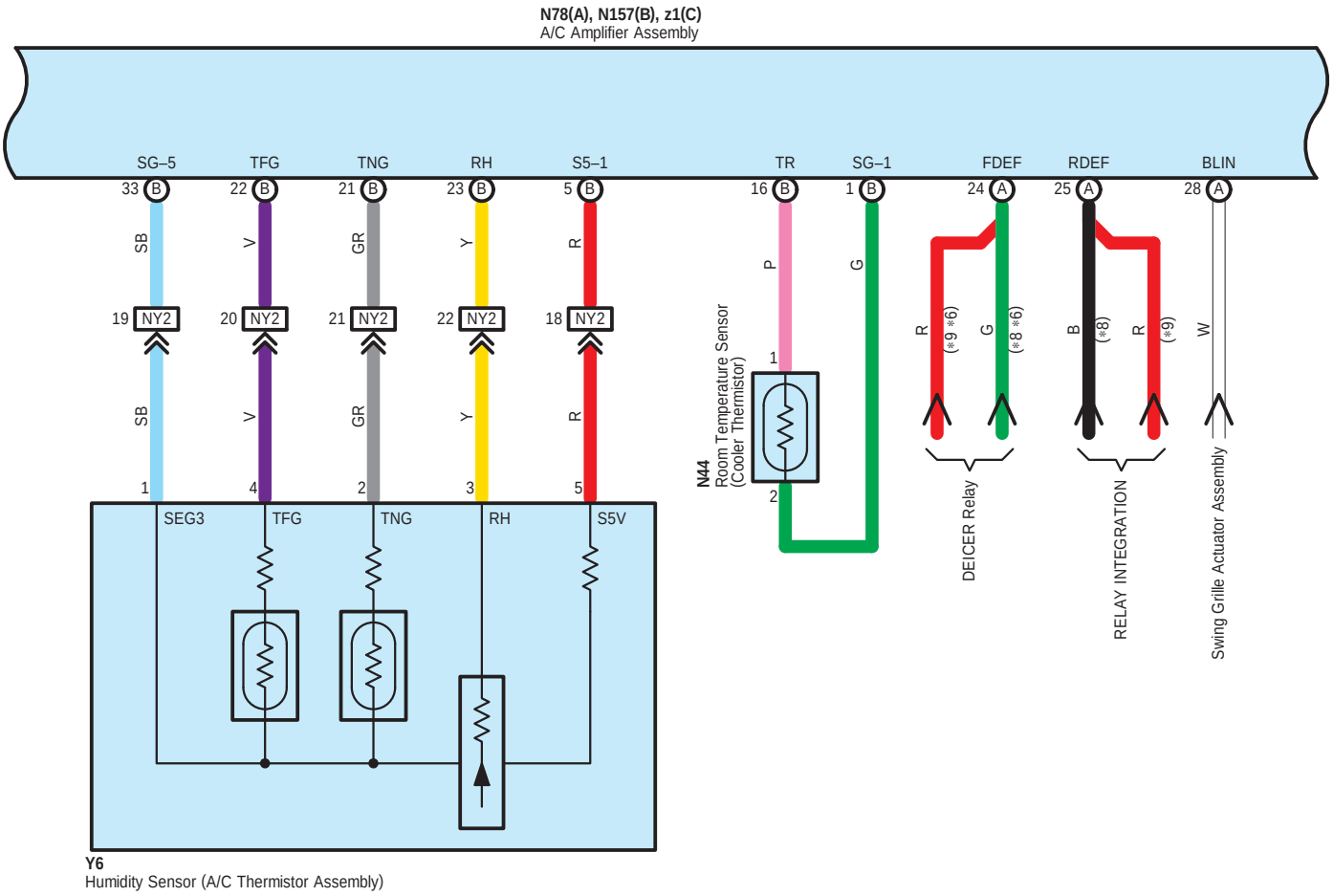

(BAT)
50A
HTR
(IG)
10A
RH–IG
(IG)
10A
RH
ECU–IG
(IG)
10A
LH
ECU–IG
(BAT)
7. 5A
A/C
N78(A), N157(B), z1(C)
A/C Amplifier Assembly
+B1
IG+
BLW
B
LG
(*1)
L
(LHD)
L
(RHD)
W
W
L
(RHD)
L
(LHD)
W
NA4
NA3
(LHD)
(RHD)
W
LG
(*1)
+B
GND
SI
A32
Blower Motor with Fan
Sub–Assembly
W–B
(LHD)
W–B
(RHD)
W
A5
A6

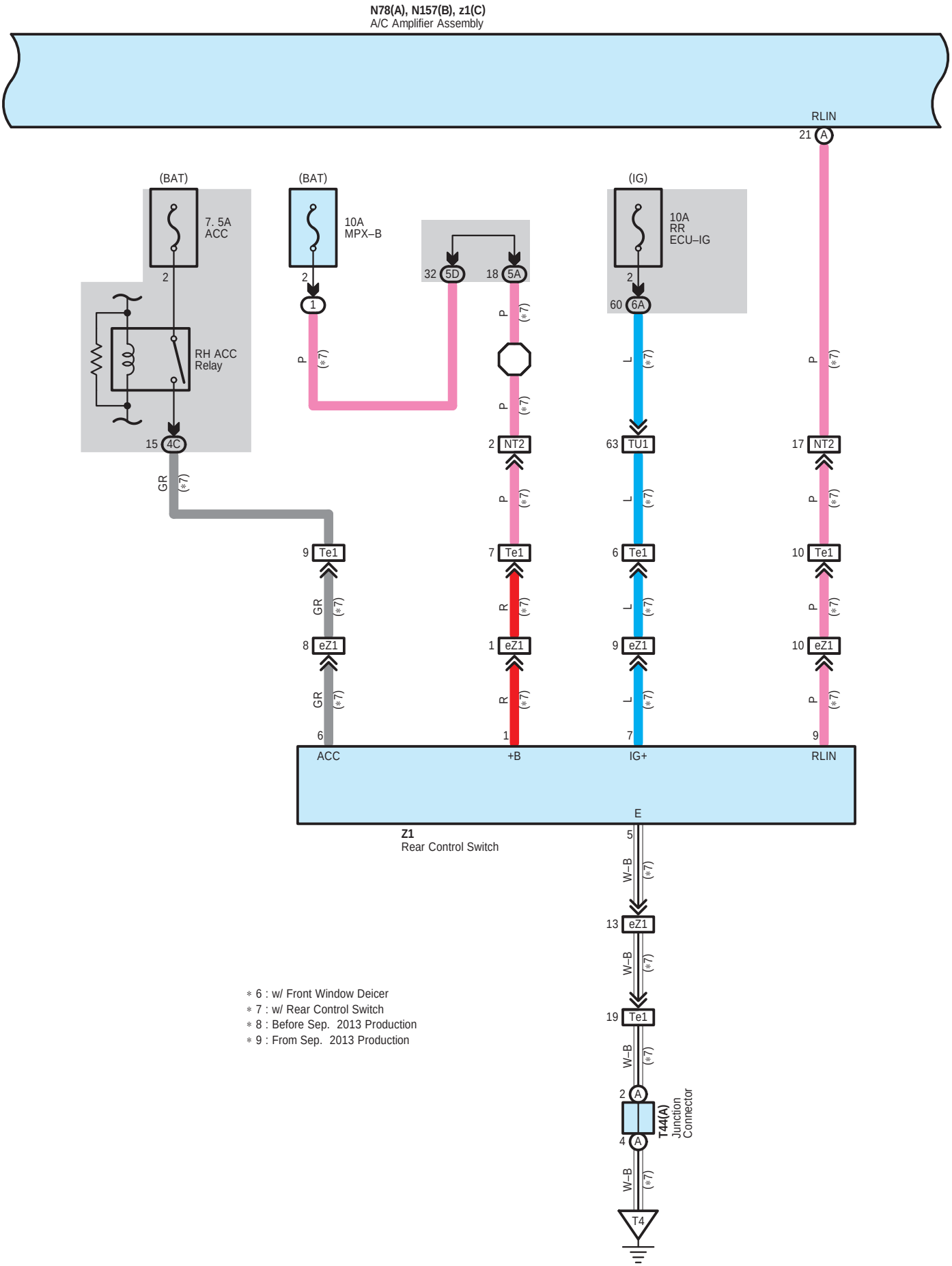


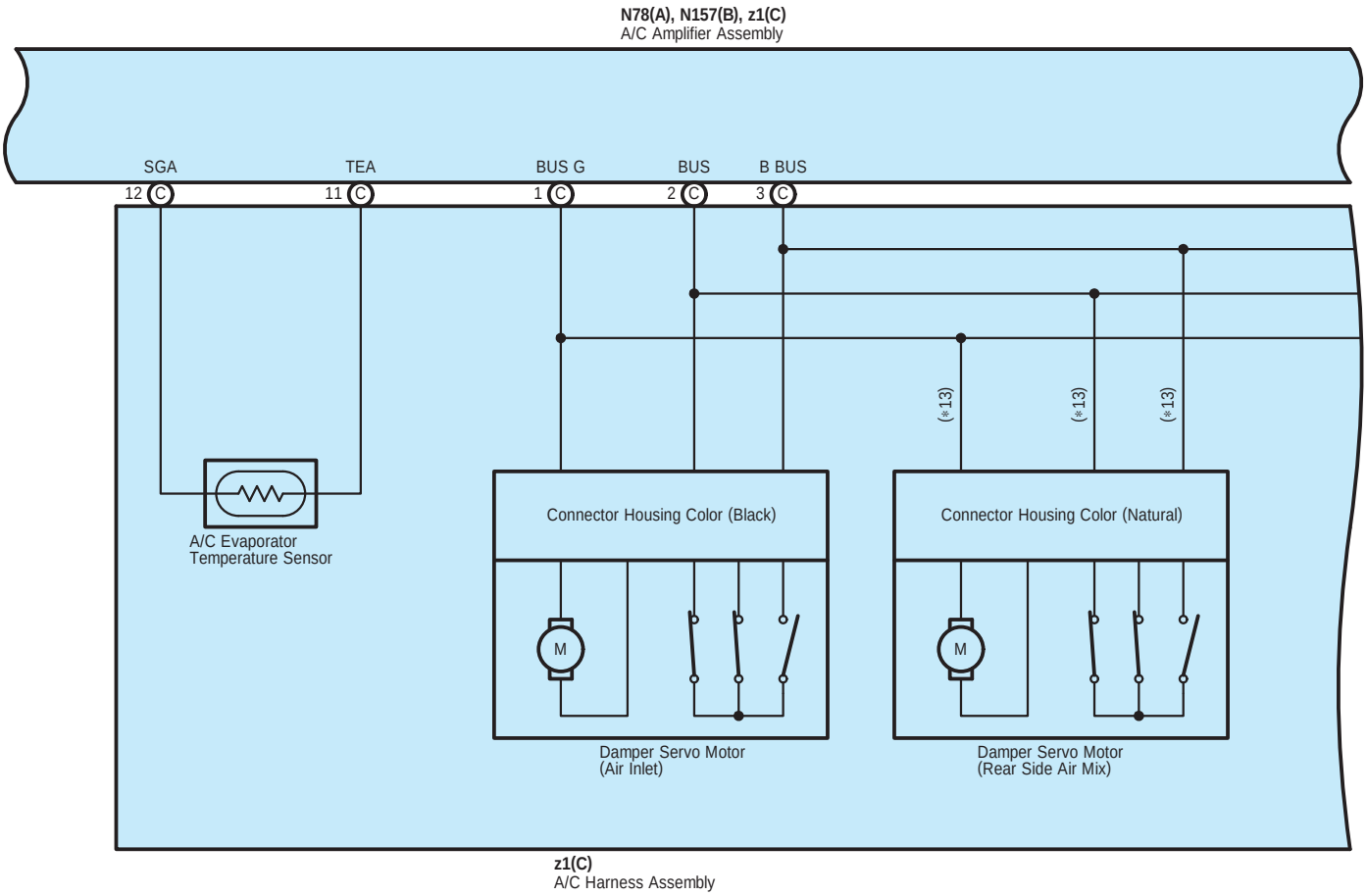
* 1 : w/ No. 1 Ion Generator Sub–Assembly
* 3 : w/ Smog Ventilation Sensor


N78(A), N157(B), z1(C)
A/C Amplifier Assembly
DGS1
DGS
25 B
24 B
L (*3)
R (*3)
49 NA1
48 NA1
L (*3)
R (*3)
60 BA2
61 BA2
L (*3)
L (*3)
(IG)
10A
LH–IG
2
30 5D
LG
8 1F
22 1E
21 1E
LG (*2)
LG (*3)
63 BA2
B (*3)
* 2 : w/ PTC Heater
* 3 : w/ Smog Ventilation Sensor
B14
Smog Ventilation Sensor
IG
DGS
SG
DGS1
E
3
2
1
4
6
L (*3)
B (*3)
L (*3)
BR (*3)
LG
(*2)
B
(*3)
W–B (*3)
B2

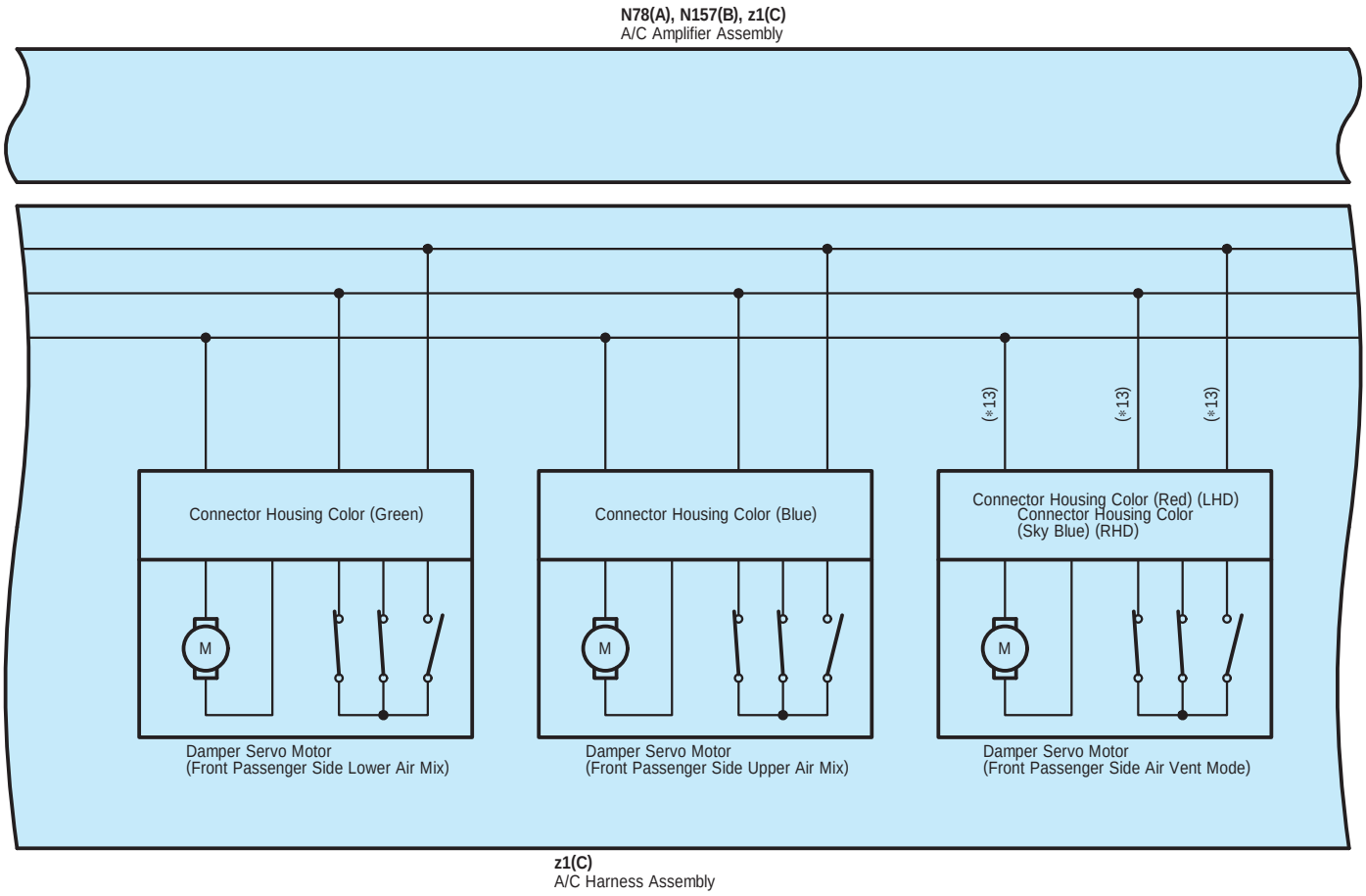

N78(A), N157(B), z1(C)
A/C Amplifier Assembly
PTC2
PTC1
GND
ECOS
26
8
1
29
(BAT)
50A
PTC
NO. 2
50A
PTC
NO. 1
NA1
NA5
PTC NO. 2
Relay
PTC NO. 1
Relay
ECU
ECO
Off
On
GND
N59
Combination
Switch Assembly
N123
Junction
Connector
N76(A), N77(B)
Quick Heater
Assembly
N5
N6
(LHD)
(RHD)
(*2)

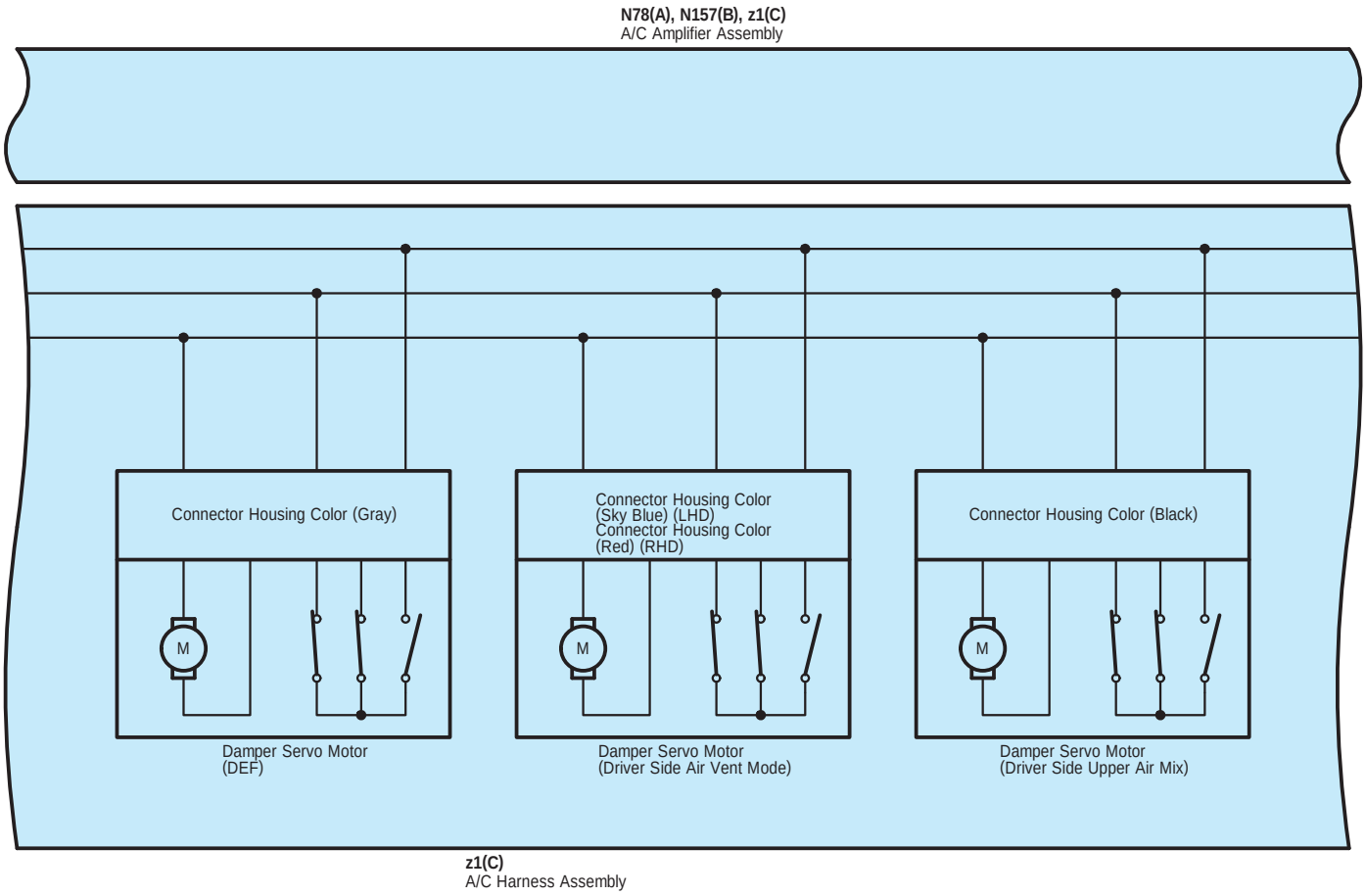

N78(A), N157(B), z1(C)
A/C Amplifier Assembly
SG–5
TFG
TNG
RH
S5–1
TR
SG–1
FDEF
RDEF
BLIN
33 B
22 B
21 B
23 B
5 B
16 B
1 B
24 A
25 A
28 A
SB
V
GR
Y
R
P
G
R
G
B
R
W
(*9 *6)
(*8 *6)
(*8)
(*9)
19 NY2
20 NY2
21 NY2
22 NY2
18 NY2
1
4
2
3
5
1
2
N44
Room Temperature Sensor
(Cooler Thermistor)
DEICER Relay
RELAY INTEGRATION
Swing Grille Actuator Assembly
SEG3
TFG
TNG
RH
S5V
Y6
Humidity Sensor (A/C Thermistor Assembly)

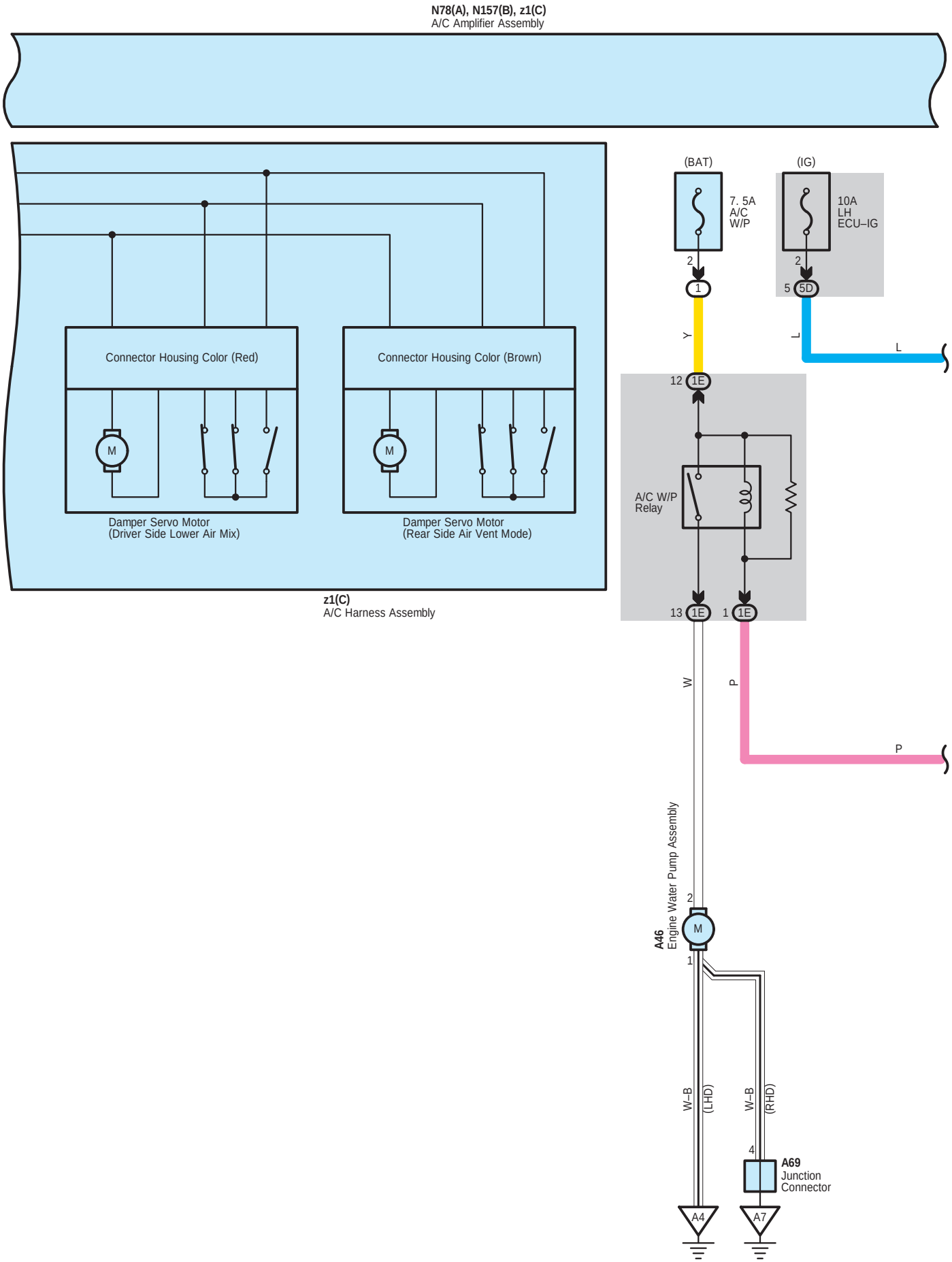

N78(A), N157(B), z1(C)
A/C Amplifier Assembly
RLIN
21 A
(BAT)
7. 5A
ACC
2
RH ACC
Relay
15 4C
GR
(*7)
(BAT)
10A
MPX–B
2
1
P
(*7)
32 5D
18 5A
P
(*7)
P
(*7)
2 NT2
P
(*7)
(IG)
10A
RR
ECU–IG
2
60 6A
L
(*7)
63 TU1
L
(*7)
P
(*7)
17 NT2
P
(*7)
9 Te1
GR
(*7)
8 eZ1
GR
(*7)
6
7 Te1
R
(*7)
1 eZ1
R
(*7)
1
6 Te1
L
(*7)
9 eZ1
L
(*7)
7
10 Te1
P
(*7)
10 eZ1
P
(*7)
9
ACC
+B
IG+
RLIN
E
Z1
Rear Control Switch
5
W–B
(*7)
13 eZ1
W–B
(*7)
19 Te1
W–B
(*7)
2 A
4 A
T44(A)
Junction
Connector
W–B
(*7)
T4
* 6 : w/ Front Window Deicer
* 7 : w/ Rear Control Switch
* 8 : Before Sep. 2013 Production
* 9 : From Sep. 2013 Production

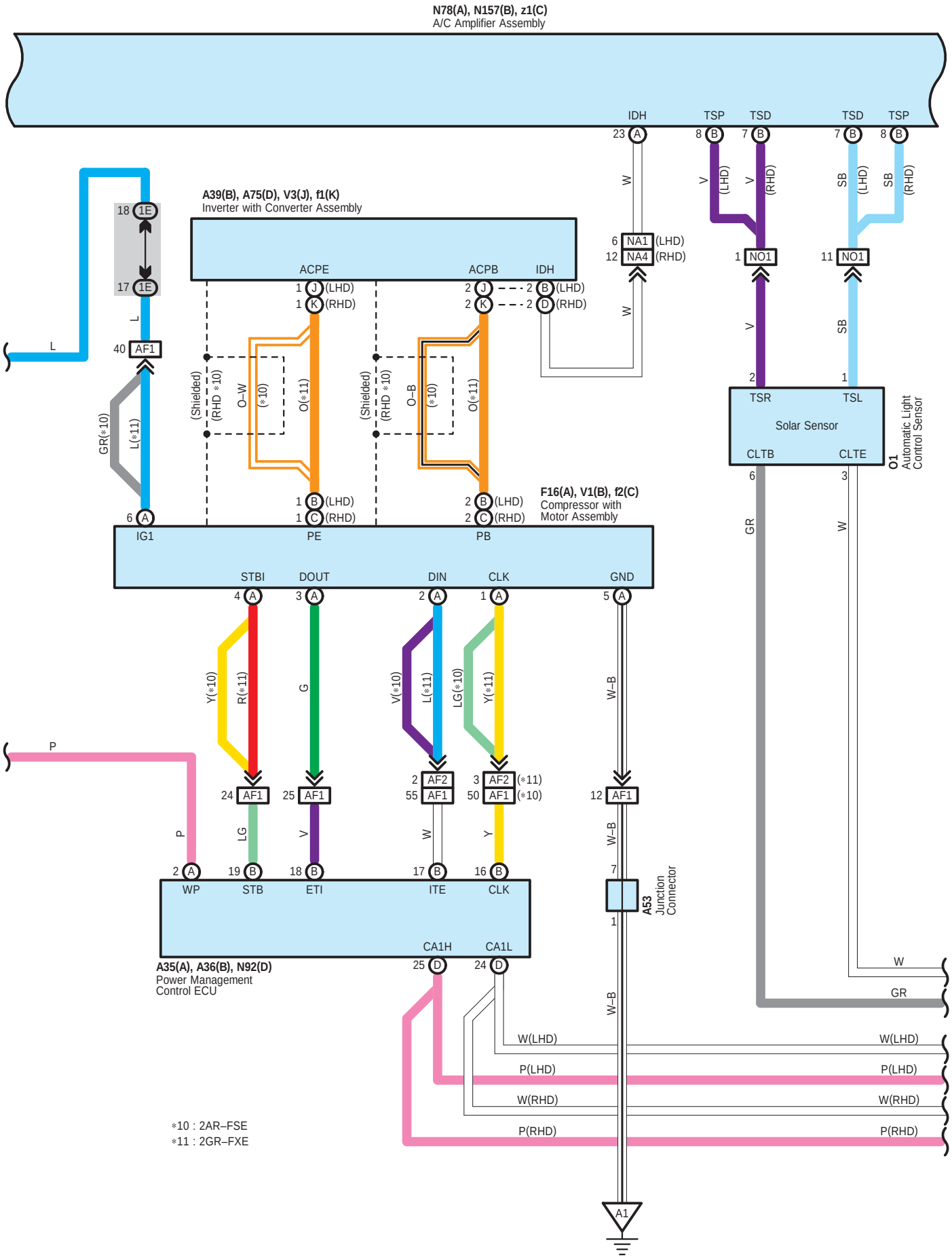

N78(A), N157(B), z1(C)
A/C Amplifier Assembly
SGA
TEA
BUS G
BUS
B BUS
12 C
11 C
1 C
2 C
3 C
(*13)
(*13)
(*13)
A/C Evaporator
Temperature Sensor
Connector Housing Color (Black)
Connector Housing Color (Natural)
M
M
Damper Servo Motor
(Air Inlet)
Damper Servo Motor
(Rear Side Air Mix)
z1(C)
A/C Harness Assembly

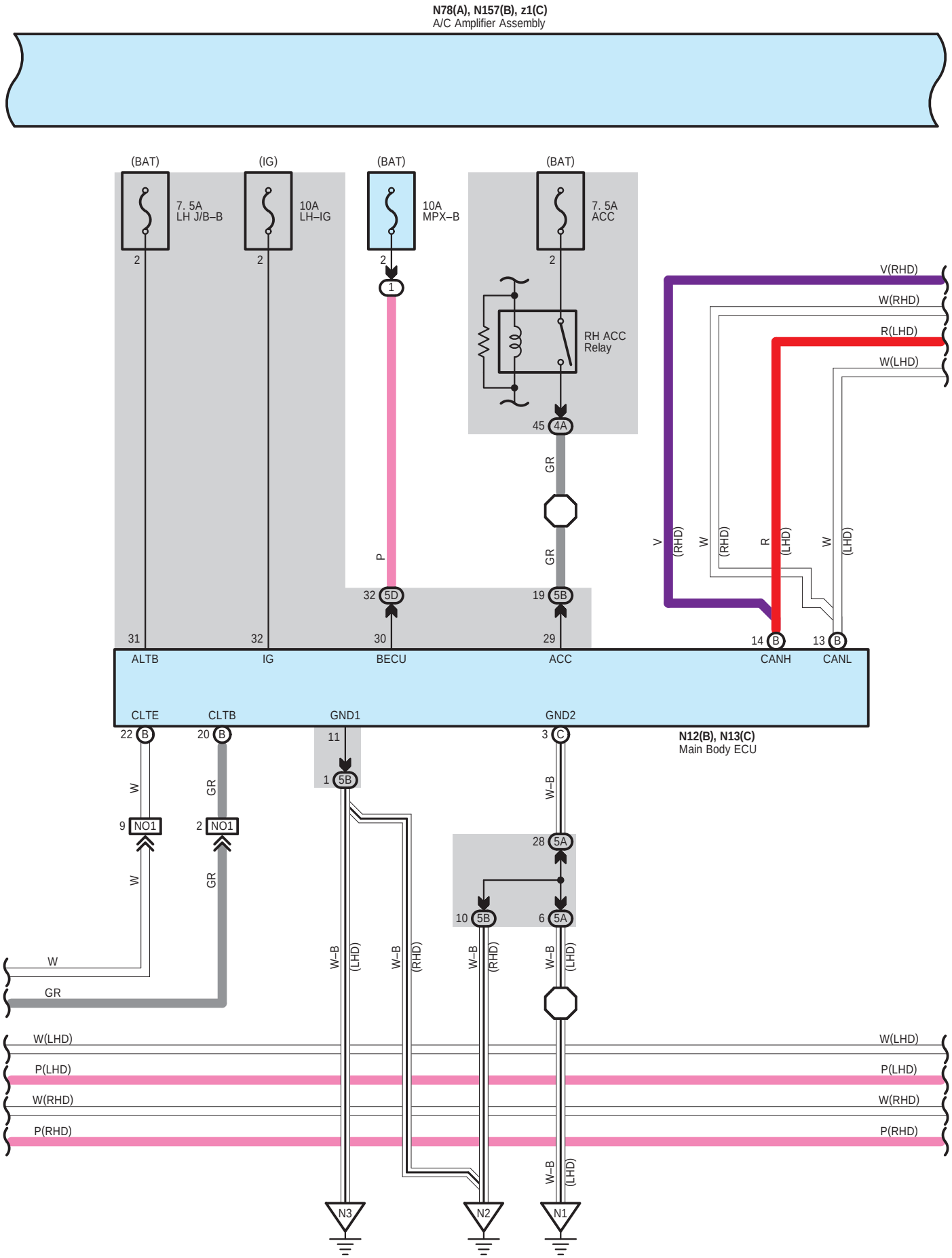
*13 : w/ 3–Zone A/C

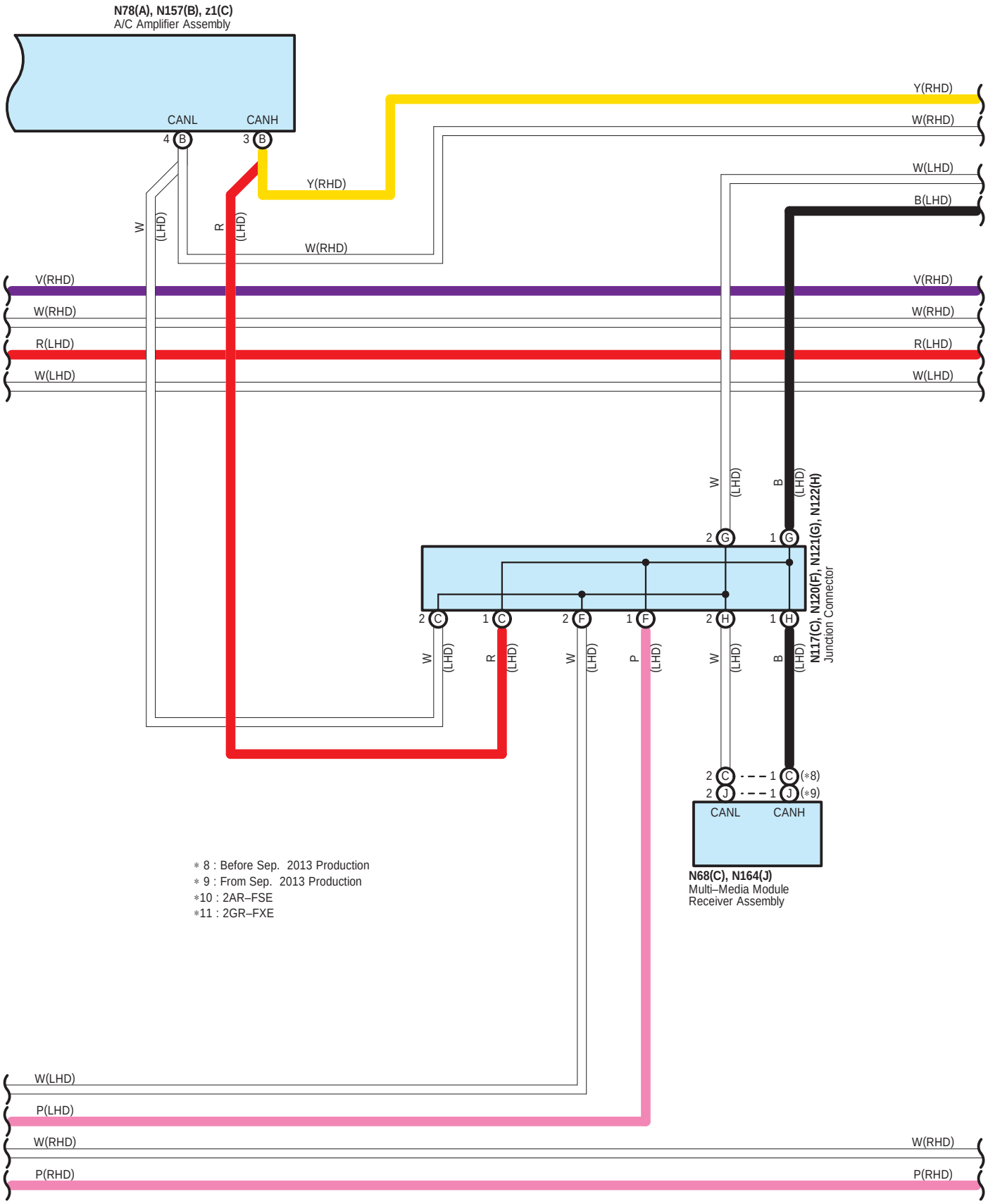

N78(A), N157(B), z1(C)
A/C Amplifier Assembly
(*13)
(*13)
(*13)
Connector Housing Color (Green)
Connector Housing Color (Blue)
Connector Housing Color (Red) (LHD)
Connector Housing Color
(Sky Blue) (RHD)
M
M
M
Damper Servo Motor
(Front Passenger Side Lower Air Mix)
Damper Servo Motor
(Front Passenger Side Upper Air Mix)
Damper Servo Motor
(Front Passenger Side Air Vent Mode)
z1(C)
A/C Harness Assembly

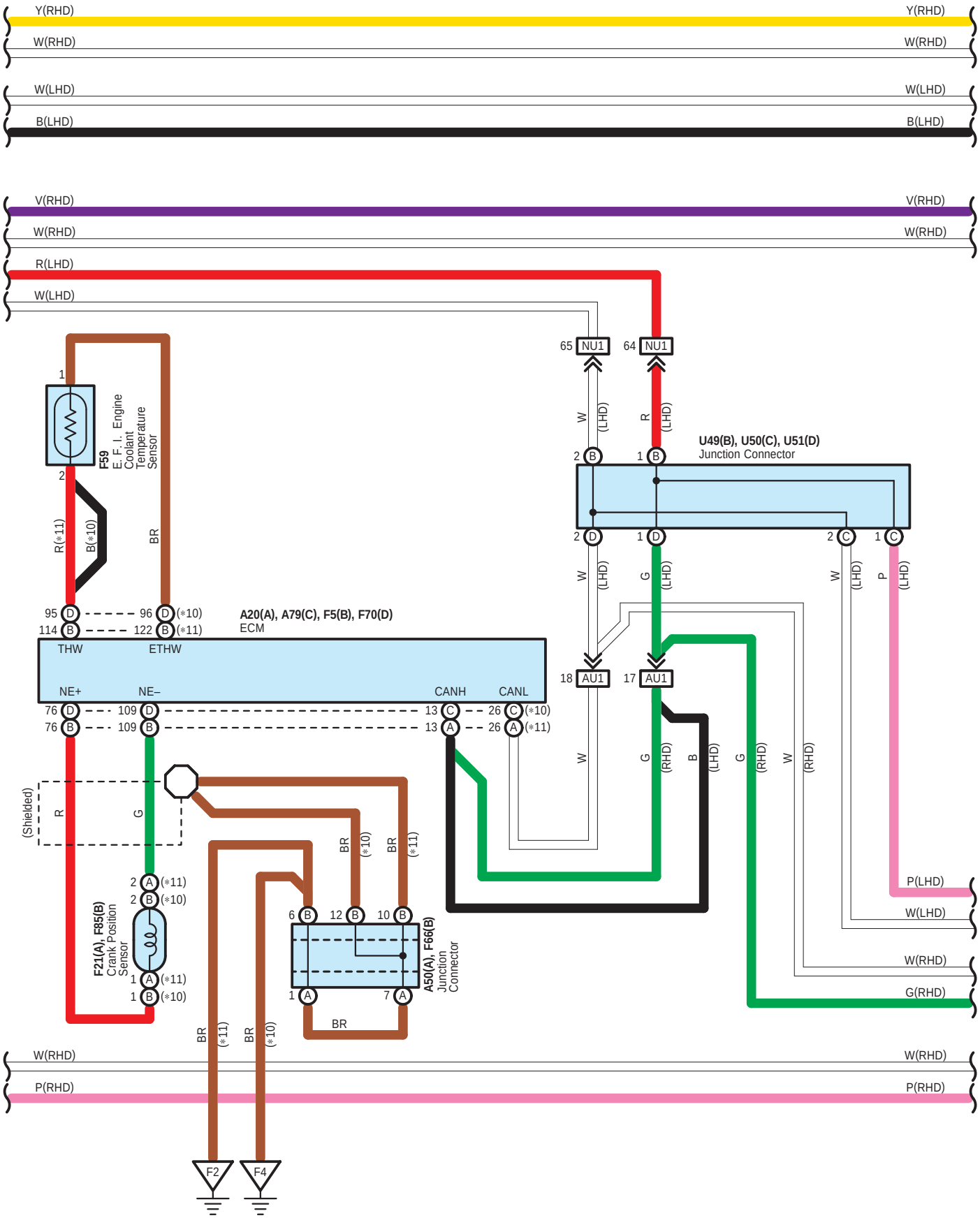

N78(A), N157(B), z1(C)
A/C Amplifier Assembly
Connector Housing Color (Gray)
Connector Housing Color (Sky Blue) (LHD) Connector Housing Color (Red) (RHD)
Connector Housing Color (Black)
M
M
M
Damper Servo Motor (DEF)
Damper Servo Motor (Driver Side Air Vent Mode)
Damper Servo Motor (Driver Side Upper Air Mix)
z1(C)
A/C Harness Assembly

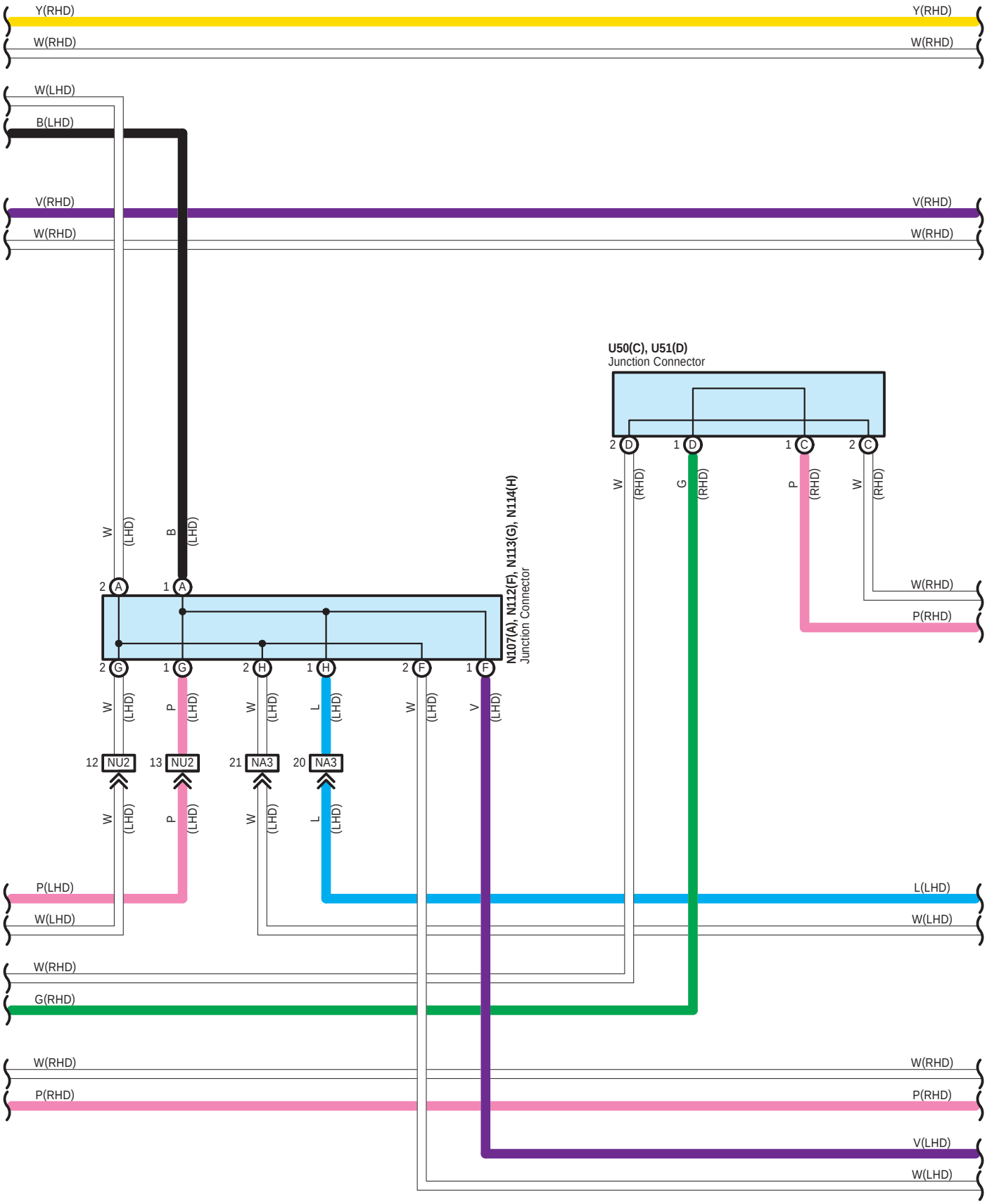

N78(A), N157(B), z1(C)
A/C Amplifier Assembly
Connector Housing Color (Red)
Connector Housing Color (Brown)
M
M
Damper Servo Motor
(Driver Side Lower Air Mix)
Damper Servo Motor
(Rear Side Air Vent Mode)
z1(C)
A/C Harness Assembly
(BAT)
7. 5A
A/C
W/P
(IG)
10A
LH
ECU–IG
2
1
2
5
5D
Y
L
L
12
1E
A/C W/P
Relay
13
1E
1
1E
W
P
P
A46
Engine Water Pump Assembly
2
M
1
W–B
(LHD)
W–B
(RHD)
4
A69
Junction
Connector
A4
A7

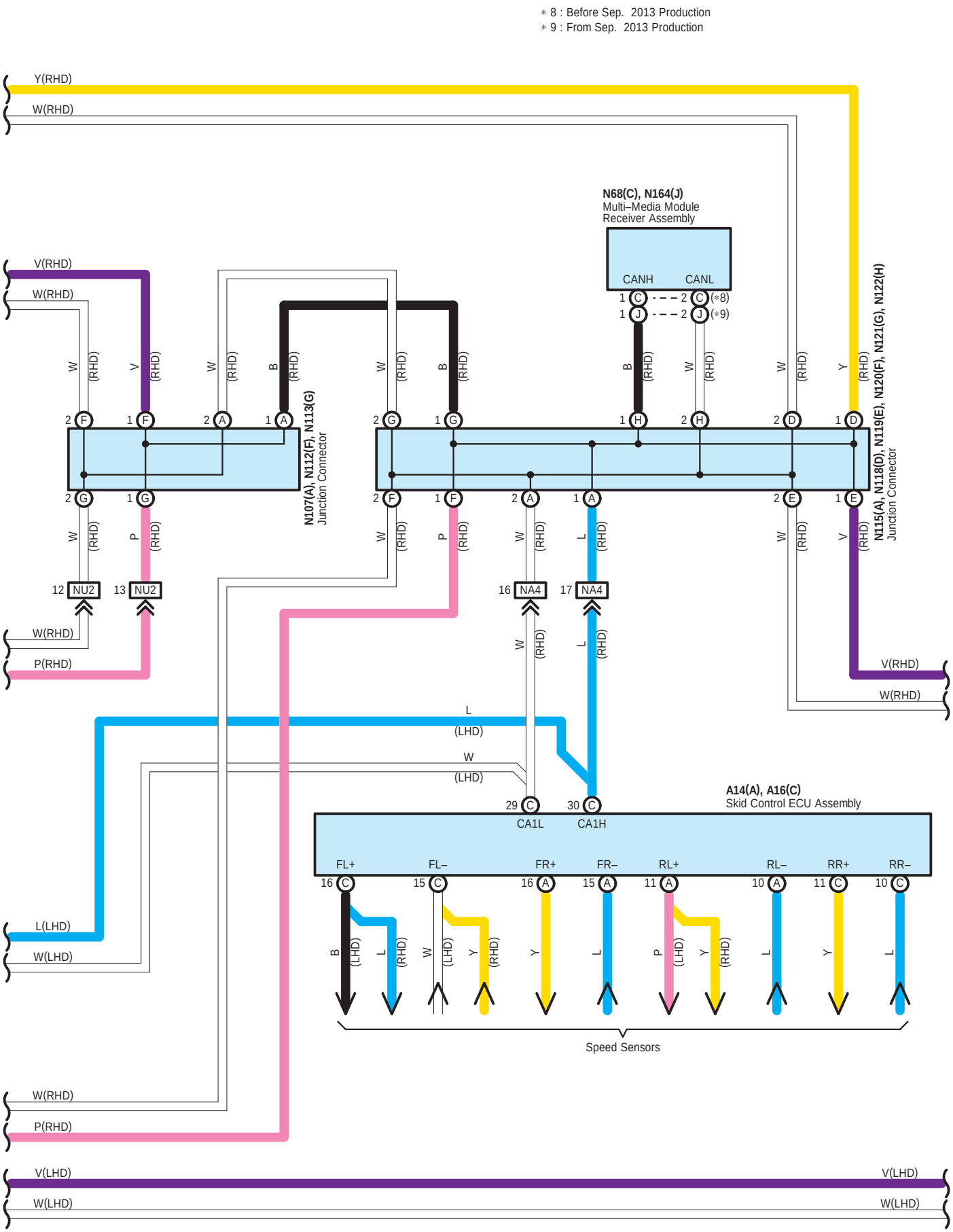

N78(A), N157(B), z1(C)
A/C Amplifier Assembly
IDH
TSP
TSD
TSD
TSP
23 A
8 B
7 B
7 B
8 B
W
V (LHD)
V (RHD)
SB (LHD)
SB (RHD)
6 NA1 (LHD)
12 NA4 (RHD)
1 NO1
11 NO1
A39(B), A75(D), V3(J), f1(K)
Inverter with Converter Assembly
18 1E
17 1E
L
40 AF1
L
GR(*10)
L(*11)
ACPE
ACPB
IDH
1 J (LHD)
1 K (RHD)
2 J
2 K
2 B (LHD)
2 D (RHD)
(Shielded)
(RHD *10)
O–W
(*10)
O(*11)
O–B
V
SB
2
1
TSR
TSL
Solar Sensor
CLTB
CLTE
O1
Automatic Light Control Sensor
6
3
GR
W
F16(A), V1(B), f2(C)
Compressor with Motor Assembly
1 B (LHD)
1 C (RHD)
2 B (LHD)
2 C (RHD)
6 A
IG1
PE
PB
STBI
DOUT
DIN
CLK
GND
4 A
3 A
2 A
1 A
5 A
Y(*10)
R(*11)
G
V(*10)
L(*11)
LG(*10)
Y(*11)
W–B
P
24 AF1
25 AF1
2 AF2
55 AF1
3 AF2 (*11)
50 AF1 (*10)
12 AF1
P
LG
V
W
Y
W–B
2 A
19 B
18 B
17 B
16 B
7
WP
STB
ETI
ITE
CLK
A53
Junction Connector
1
CA1H
CA1L
A35(A), A36(B), N92(D)
Power Management Control ECU
25 D
24 D
W
GR
W–B
W(LHD)
P(LHD)
W(RHD)
P(RHD)
W(LHD)
P(LHD)
W(RHD)
P(RHD)
*10 : 2AR–FSE
*11 : 2GR–FXE
A1

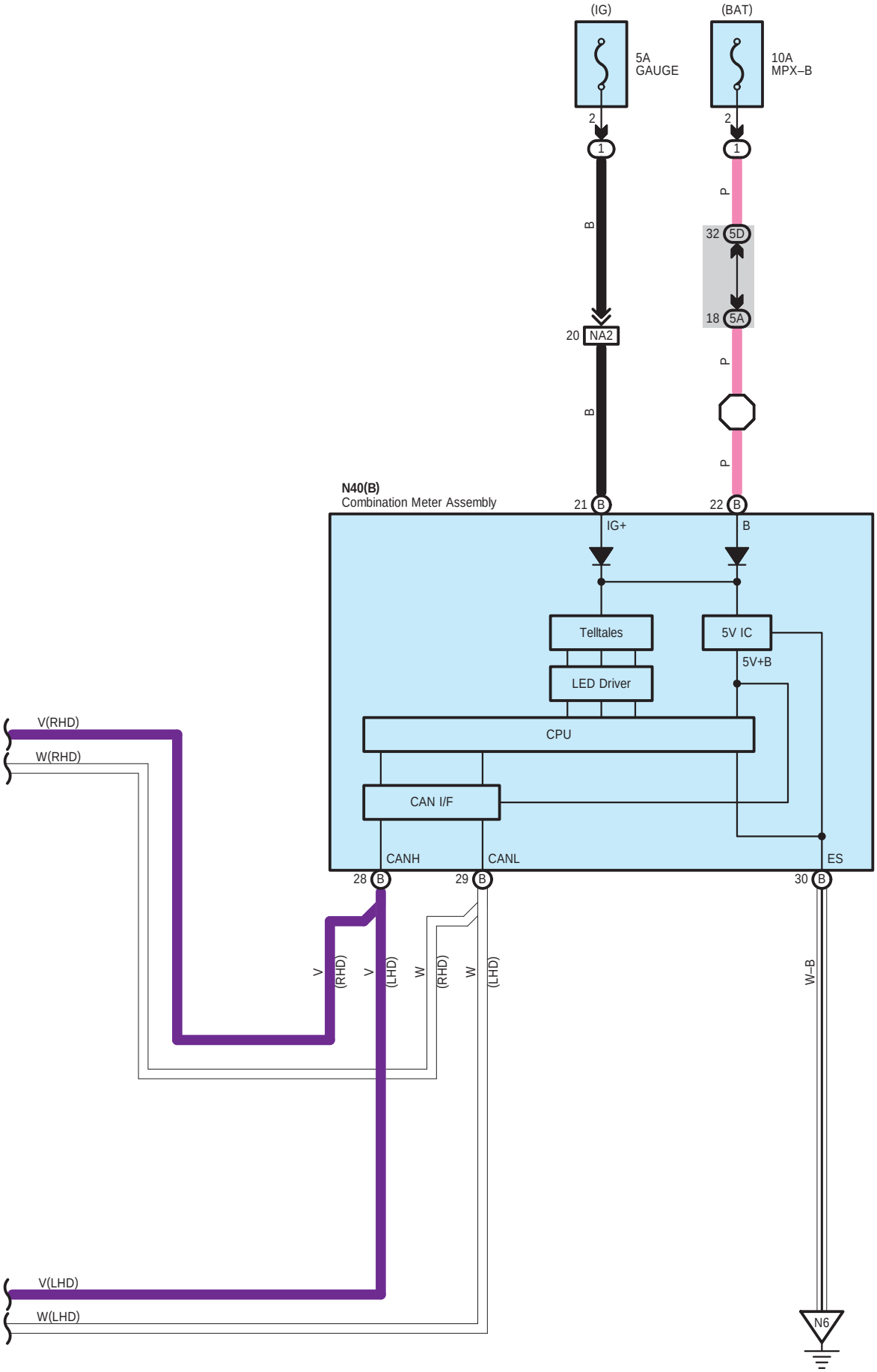

N78(A), N157(B), z1(C)
A/C Amplifier Assembly
(BAT)
7. 5A
LH J/B–B
(IG)
10A
LH–IG
(BAT)
10A
MPX–B
(BAT)
7. 5A
ACC
RH ACC
Relay
V(RHD)
W(RHD)
R(LHD)
W(LHD)
ALTB
IG
BECU
ACC
CANH
CANL
CLTE
CLTB
GND1
GND2
N12(B), N13(C)
Main Body ECU
NO1
W(LHD)
P(LHD)
W(RHD)
P(RHD)
N3
N2
N1


N78(A), N157(B), z1(C)
A/C Amplifier Assembly
CANL
CANH
4 B
3 B
Y(RHD)
W(RHD)
W(LHD)
B(LHD)
W
(LHD)
R
(LHD)
V(RHD)
R(LHD)
N117(C), N120(F), N121(G), N122(H)
Junction Connector
2 G
1 G
2 C
1 C
2 F
1 F
2 H
1 H
P
(LHD)
2 C
1 C
(∗8)
2 J
1 J
(∗9)
N68(C), N164(J)
Multi–Media Module
Receiver Assembly
∗ 8 : Before Sep. 2013 Production
∗ 9 : From Sep. 2013 Production
∗10 : 2AR–FSE
∗11 : 2GR–FXE
P(LHD)
P(RHD)

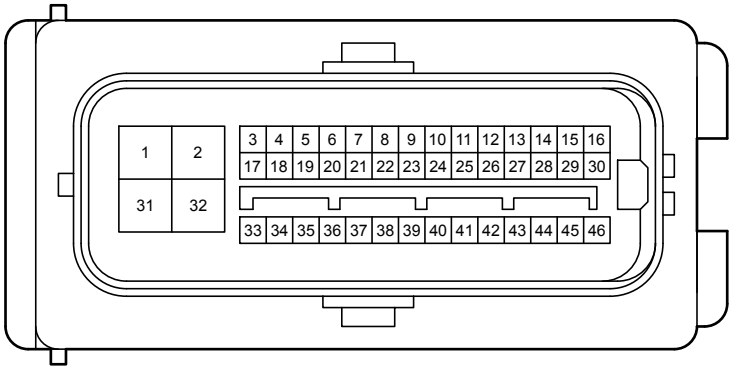

Y(RHD)
W(RHD)
W(LHD)
B(LHD)
V(RHD)
R(LHD)
F59
E. F. I. Engine Coolant Temperature Sensor
R(*11)
B(*10)
BR
65 NU1
64 NU1
W (LHD)
R (LHD)
U49(B), U50(C), U51(D)
Junction Connector
G (LHD)
P (LHD)
95 D
96 D (*10)
114 B
122 B (*11)
A20(A), A79(C), F5(B), F70(D)
ECM
THW
ETHW
NE+
NE–
CANH
CANL
76 D
109 D
13 C
26 C (*10)
76 B
109 B
13 A
26 A (*11)
18 AU1
17 AU1
G (RHD)
B (LHD)
(Shielded)
R
G
(*10)
(*11)
F21(A), F85(B)
Crank Position Sensor
A50(A), F66(B)
Junction Connector
P(LHD)
G(RHD)
P(RHD)
F2
F4


Y(RHD)
W(RHD)
W(LHD)
B(LHD)
V(RHD)
W(RHD)
U50(C), U51(D)
Junction Connector
N107(A), N112(F), N113(G), N114(H)
Junction Connector
W(RHD)
P(RHD)
P(LHD)
W(LHD)
L(LHD)
W(LHD)
W(RHD)
G(RHD)
W(RHD)
P(RHD)
V(LHD)
W(LHD)
NU2
NA3

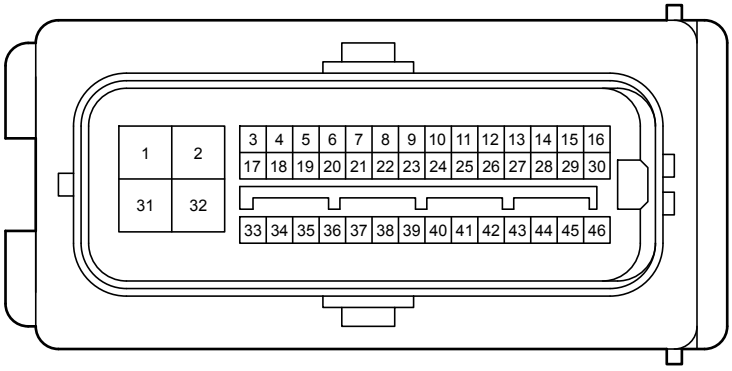

∗ 8 : Before Sep. 2013 Production
∗ 9 : From Sep. 2013 Production
Y(RHD)
W(RHD)
V(RHD)
W(RHD)
N68(C), N164(J)
Multi–Media Module
Receiver Assembly
CANH
CANL
1 C - - - 2 C (∗8)
1 J - - - 2 J (∗9)
N107(A), N112(F), N113(G)
Junction Connector
N115(A), N118(D), N119(E), N120(F), N121(G), N122(H)
Junction Connector
12 NU2
13 NU2
16 NA4
17 NA4
W(RHD)
P(RHD)
V(RHD)
W(RHD)
L
(LHD)
W
(LHD)
A14(A), A16(C)
Skid Control ECU Assembly
29 C
30 C
CA1L
CA1H
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
16 C
15 C
16 A
15 A
11 A
10 A
11 C
10 C
L(LHD)
W(LHD)
Speed Sensors
W(RHD)
P(RHD)
V(LHD)
W(LHD)
V(LHD)
W(LHD)


(IG)
(BAT)
5A
GAUGE
10A
MPX–B
2
1
B
P
32
5D
18
5A
20
NA2
N40(B)
Combination Meter Assembly
21
22
IG+
Telltales
5V IC
5V+B
LED Driver
CPU
CAN I/F
CANH
CANL
ES
28
29
30
V(RHD)
W(RHD)
V(LHD)
W(LHD)
V
W
W–B
N6

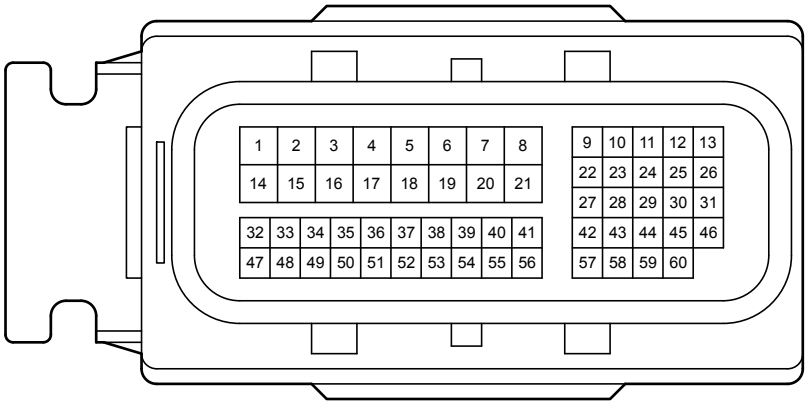
A 14
Black



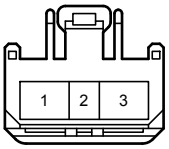
A 16
Gray



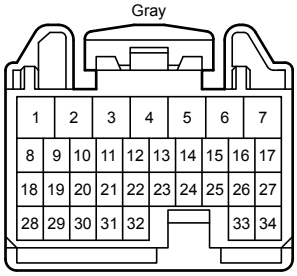
A 20
Black



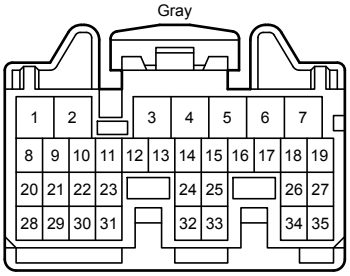
A 32
Black



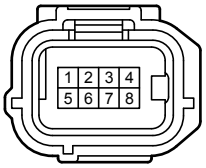
A 35
Gray



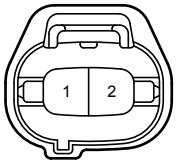
A 36
Gray



A 39
Black



A 46
Black



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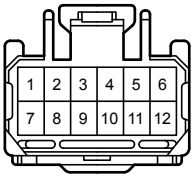

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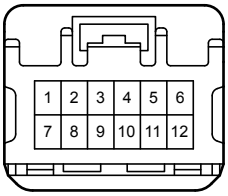

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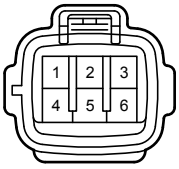

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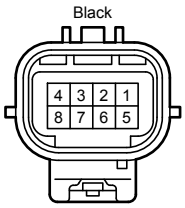

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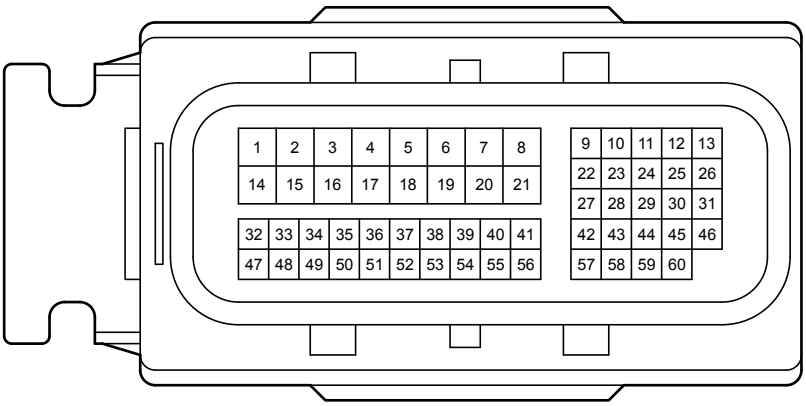

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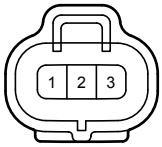

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F 5
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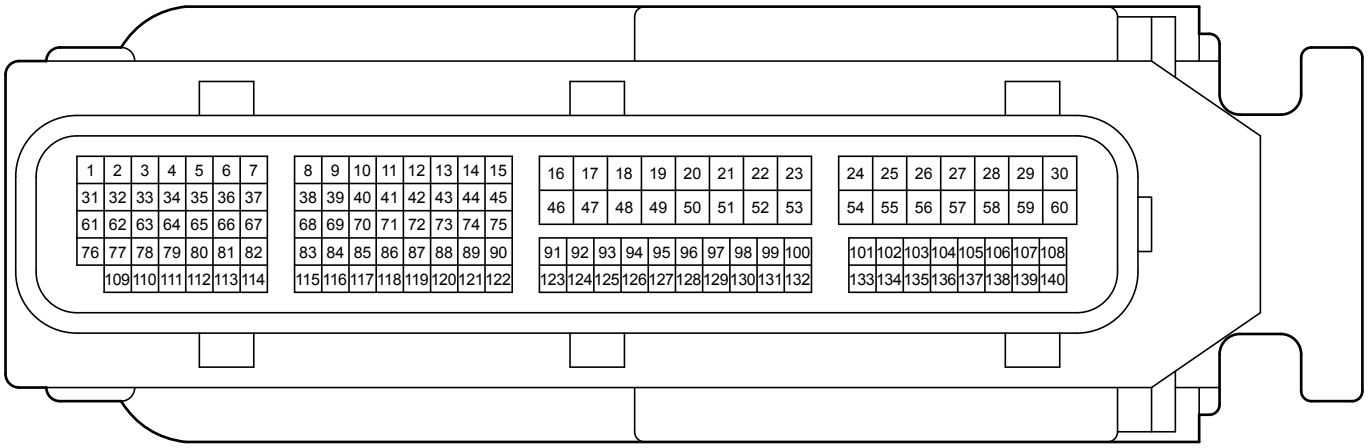

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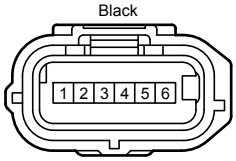

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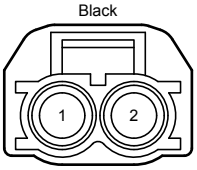

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F 66
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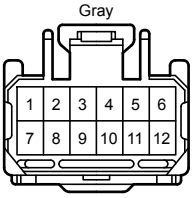

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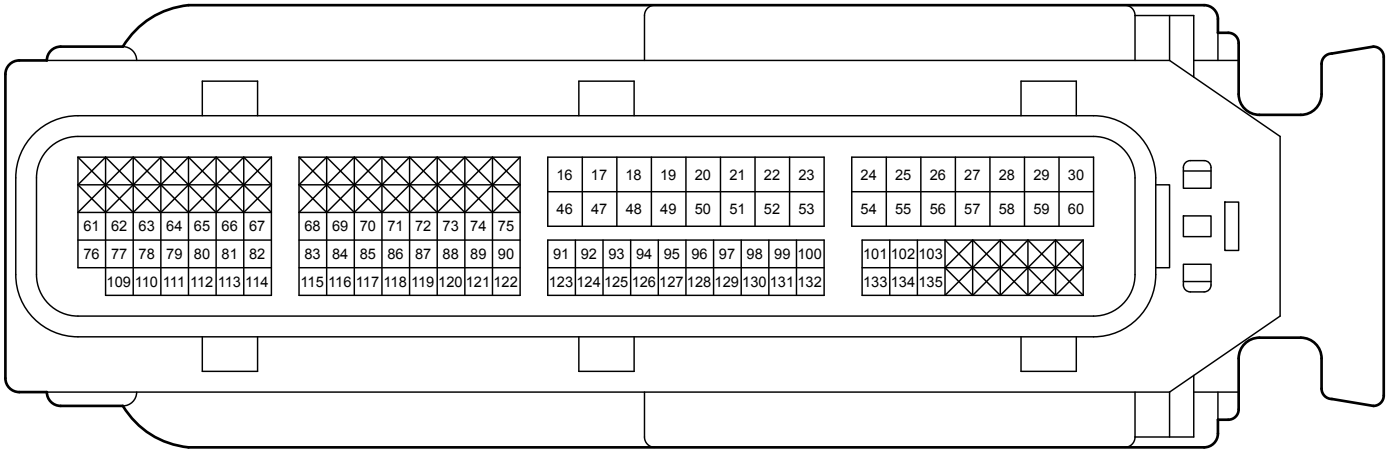

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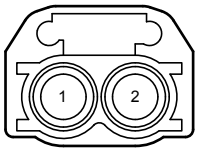

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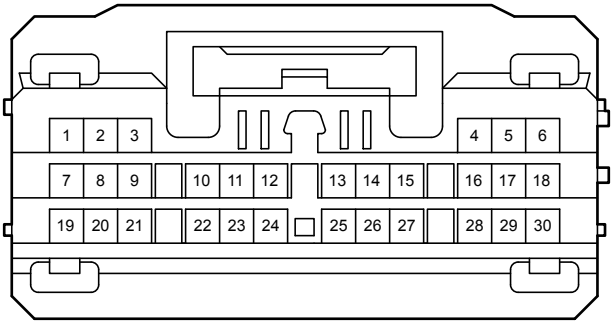

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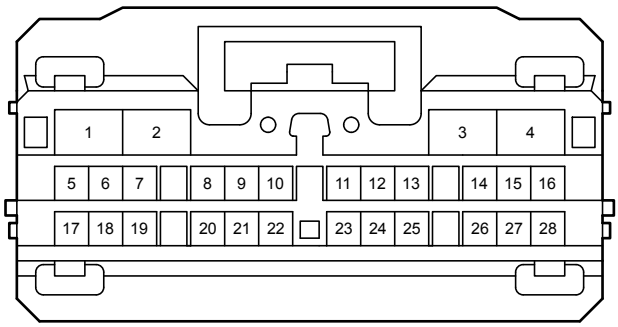

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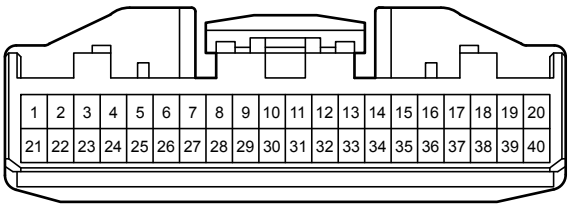

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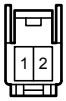

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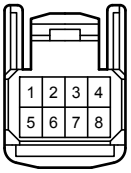

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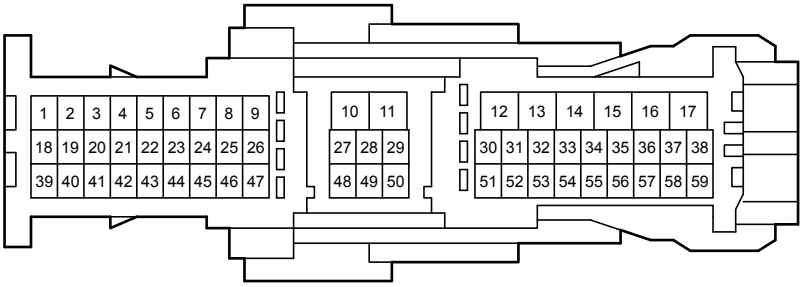

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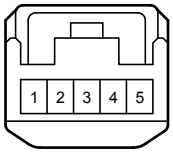

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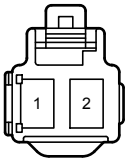

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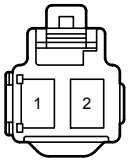

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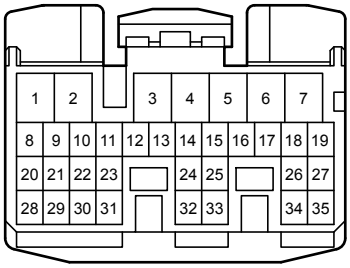

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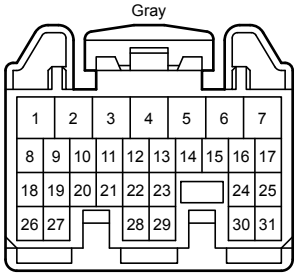

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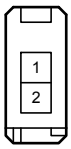

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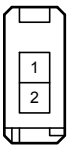

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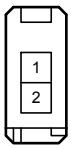

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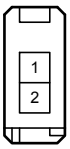

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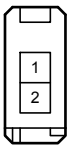

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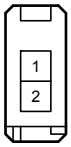

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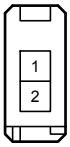

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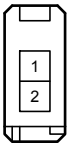

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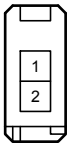

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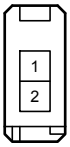

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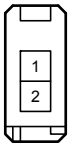

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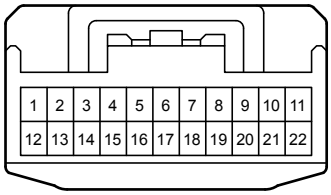

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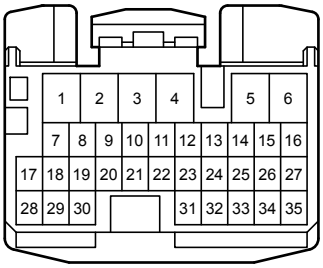

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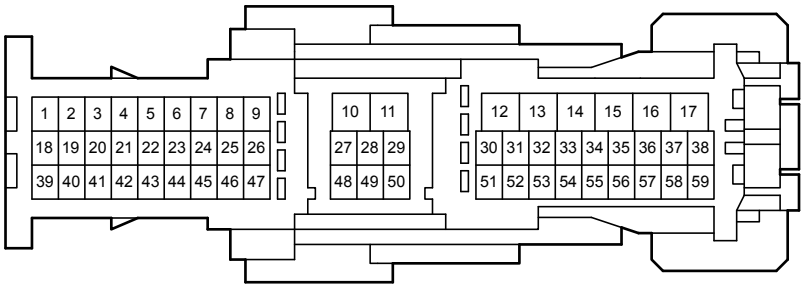

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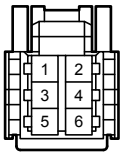

T 44
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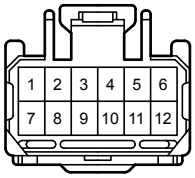

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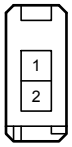

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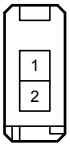

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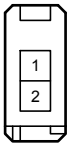

V 1
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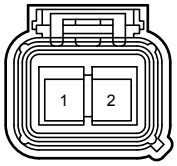

V 3
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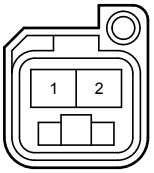

Y 6
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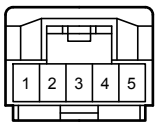

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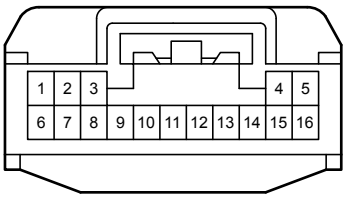

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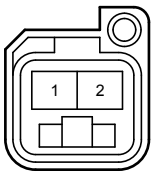

f 2
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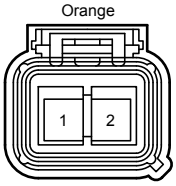

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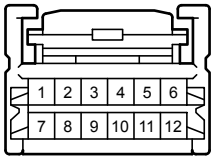

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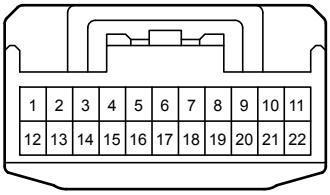

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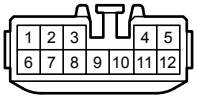

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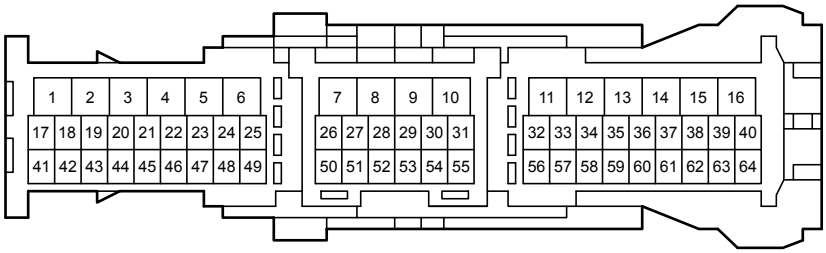

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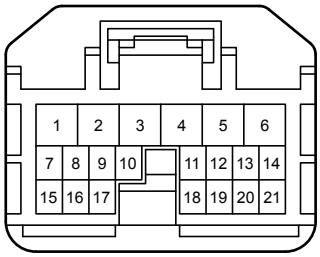

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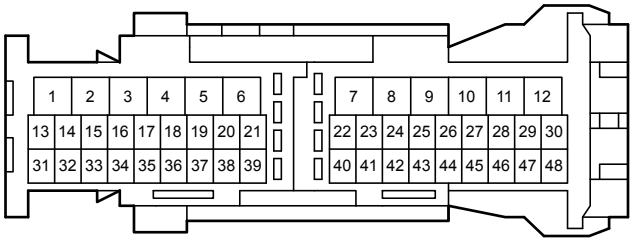

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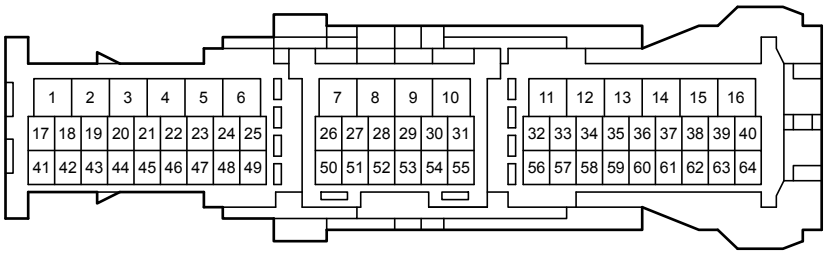

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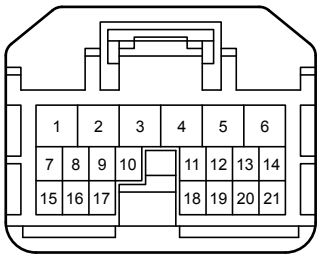

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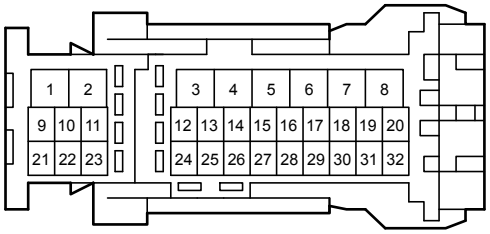

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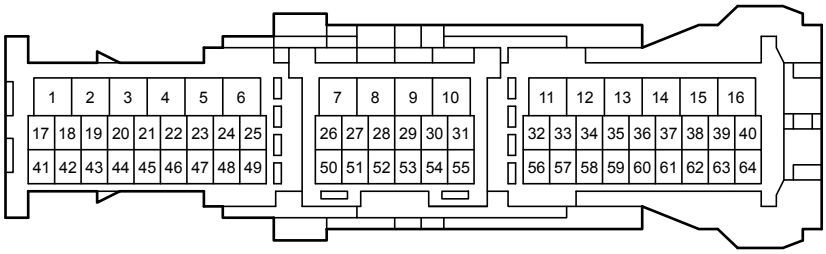

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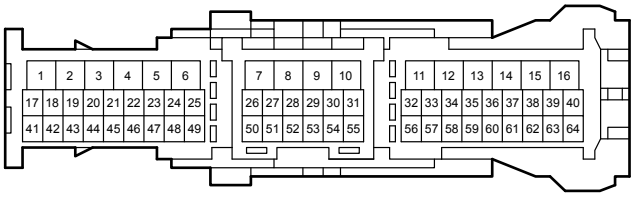

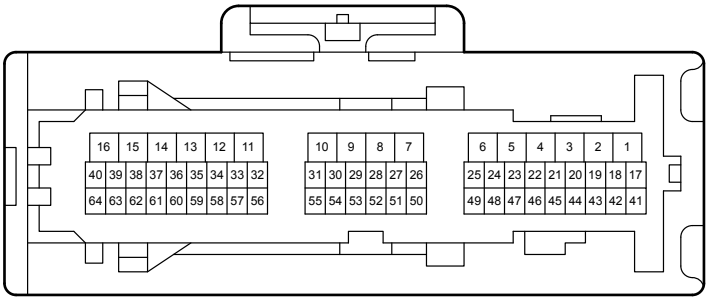

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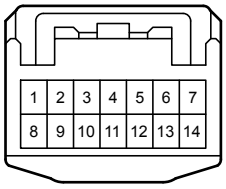

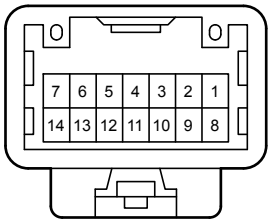

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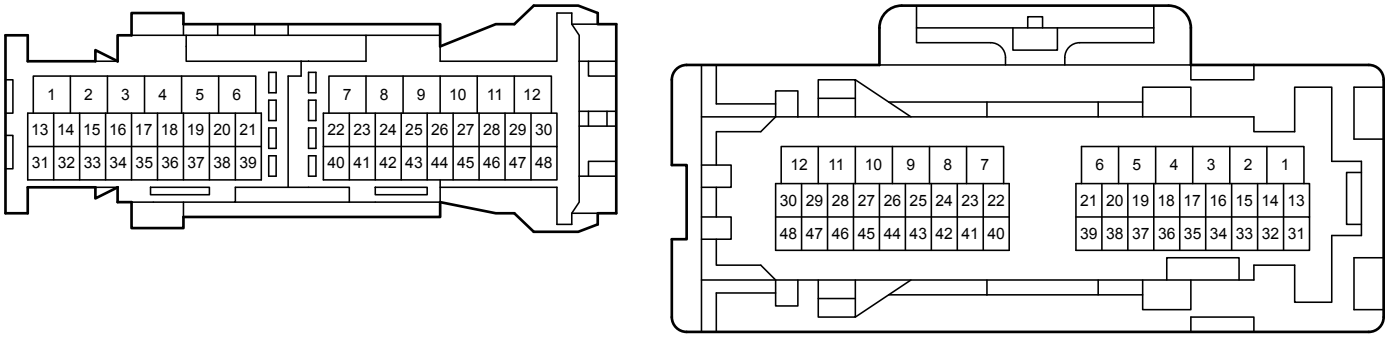

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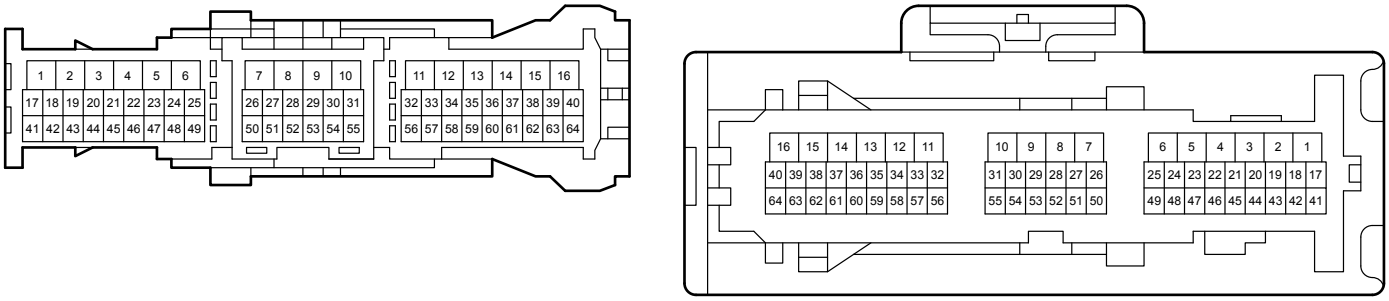

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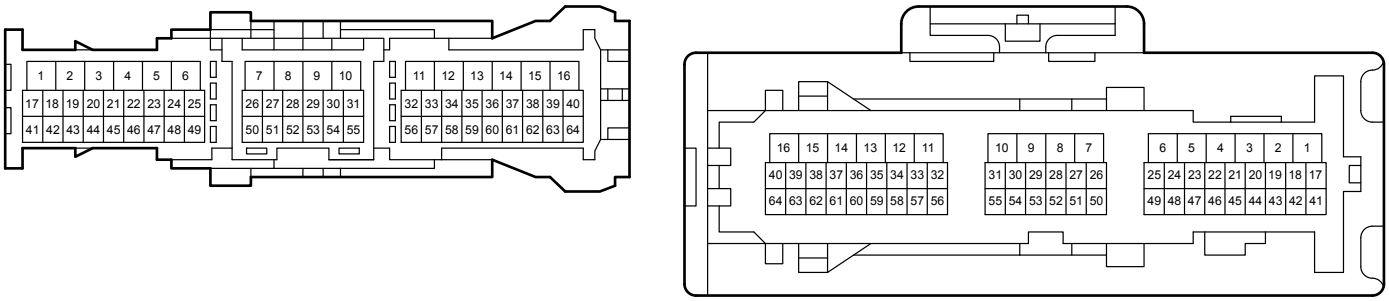

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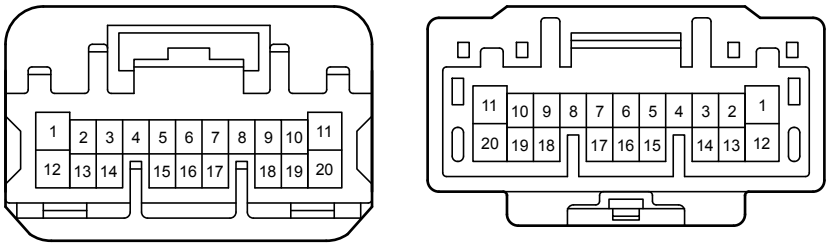

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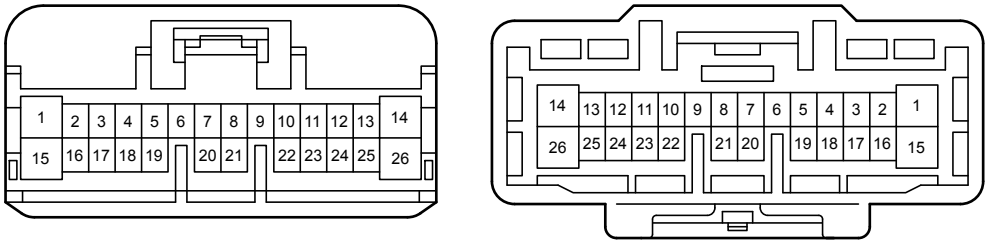

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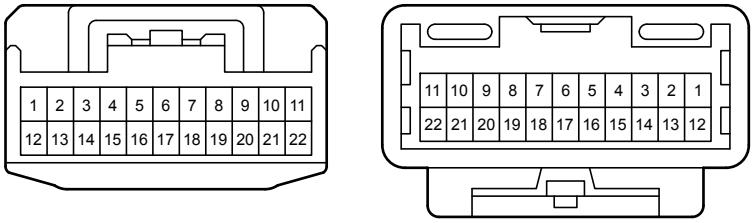

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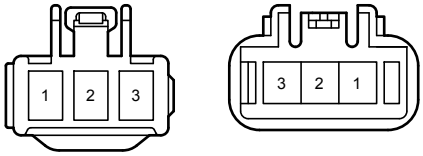

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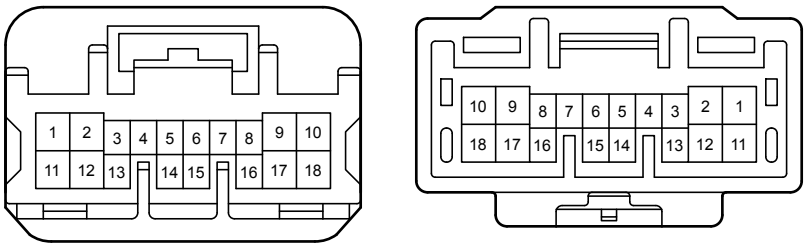

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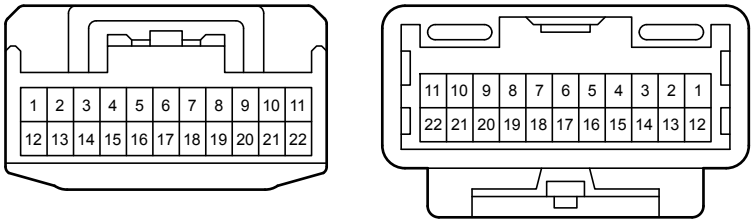

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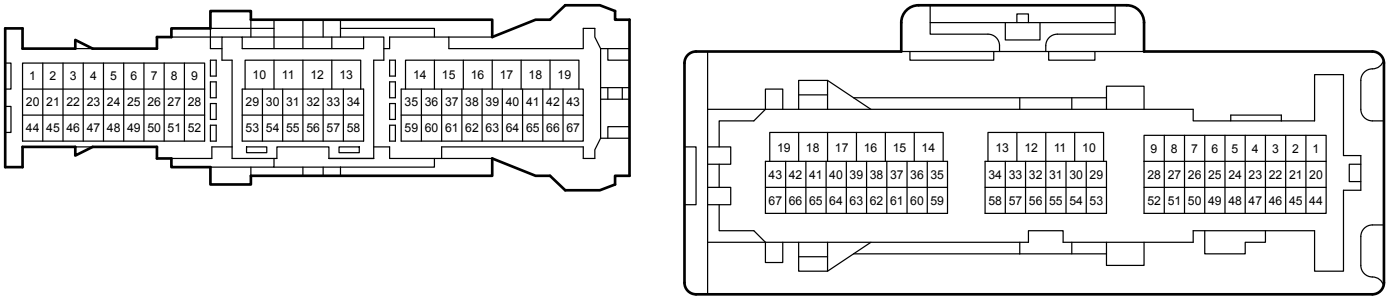

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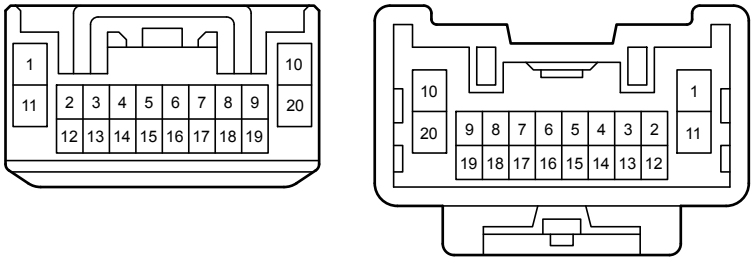

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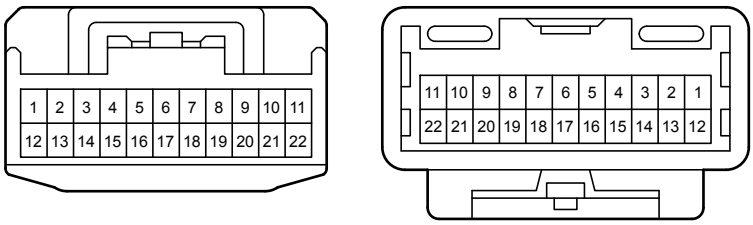

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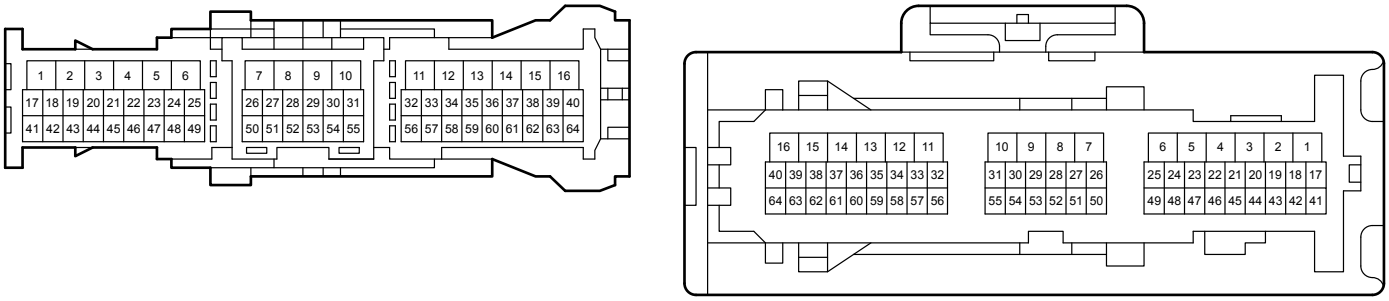

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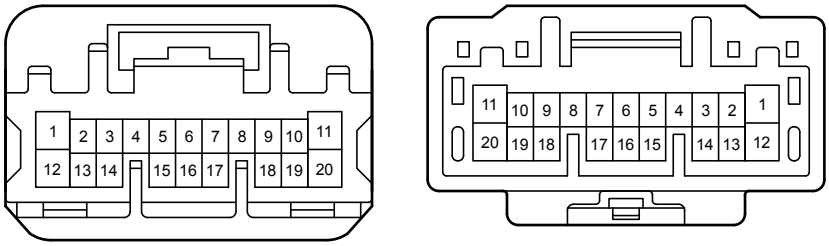

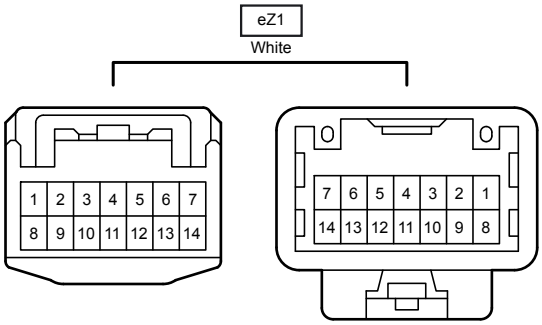
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