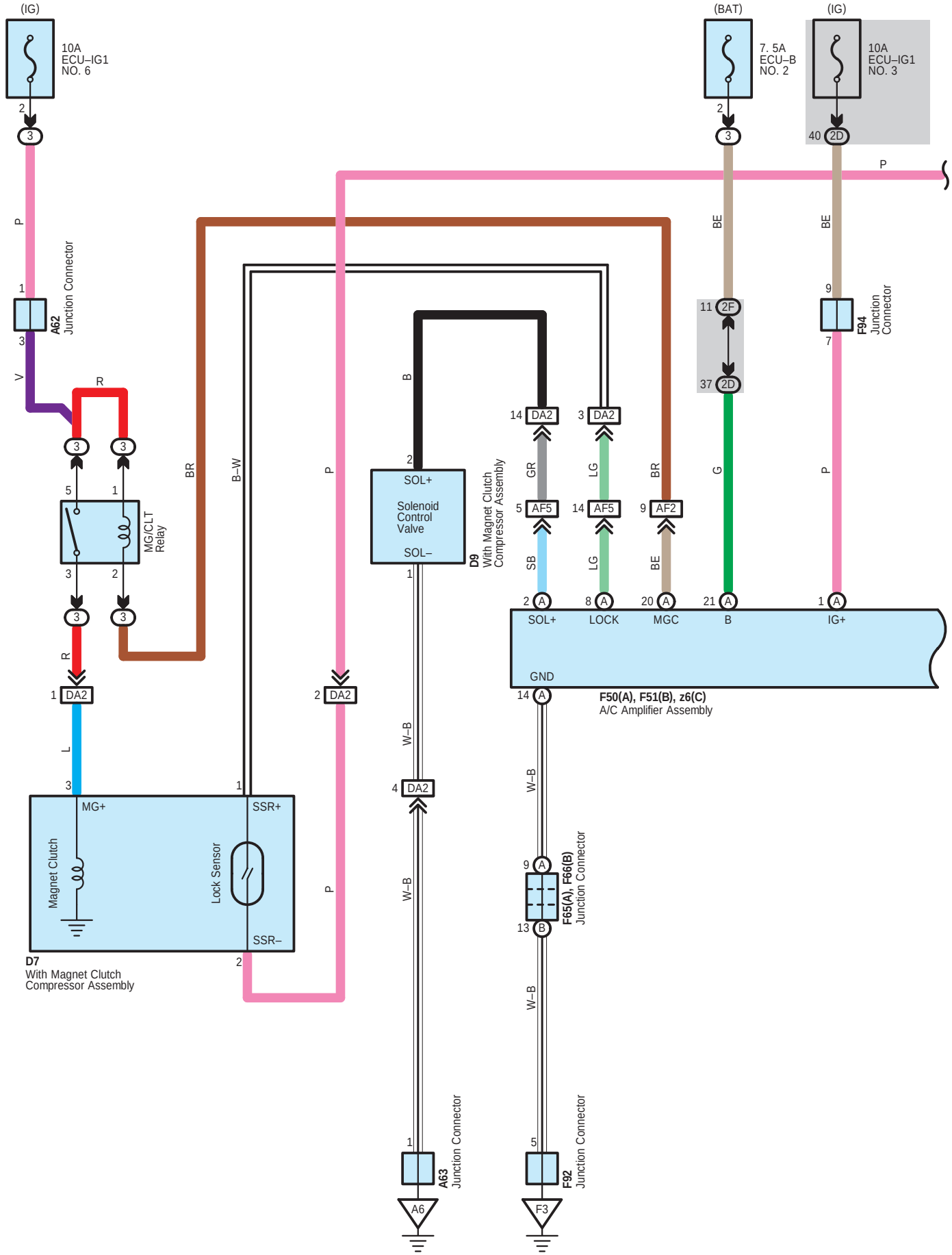
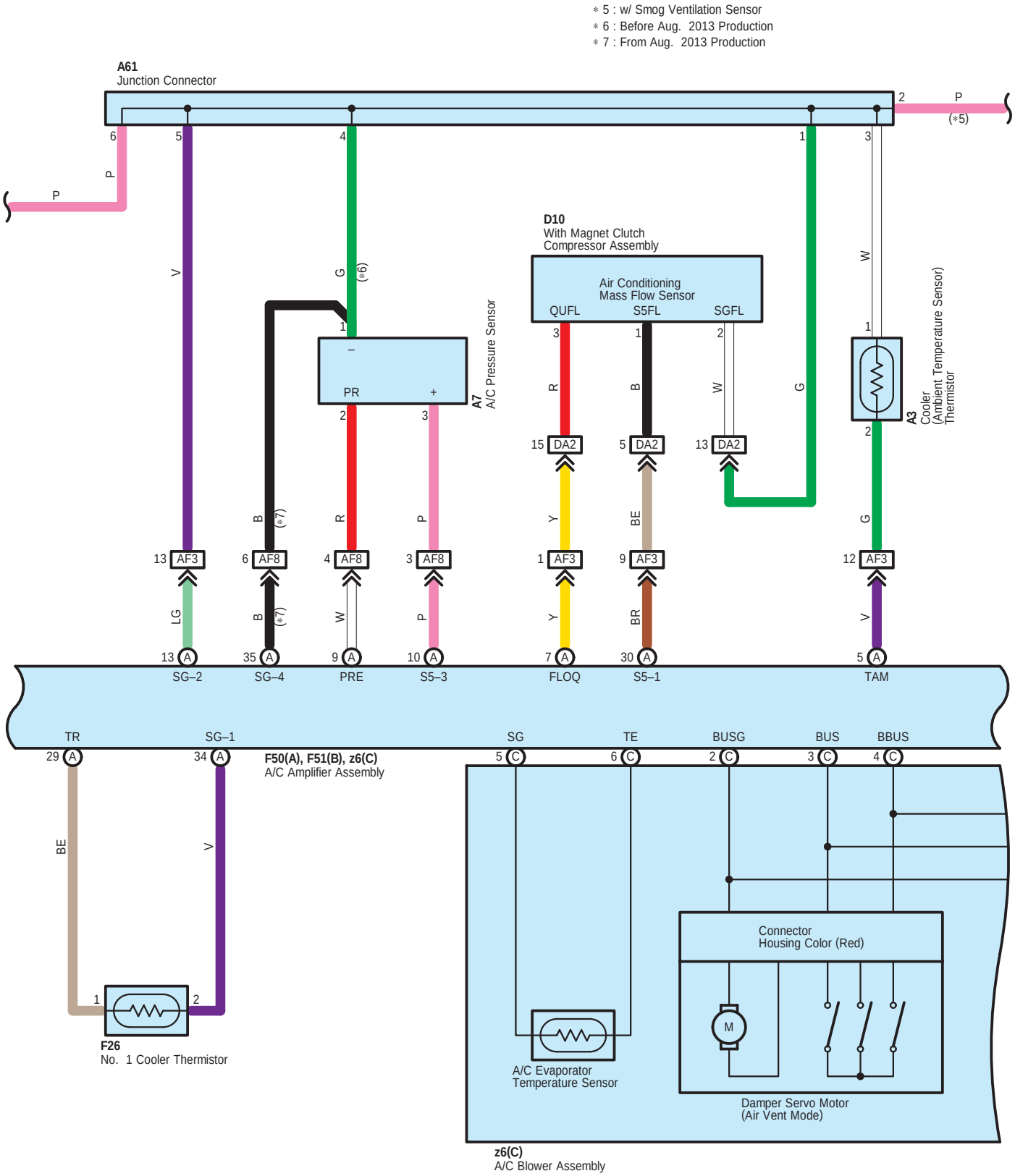
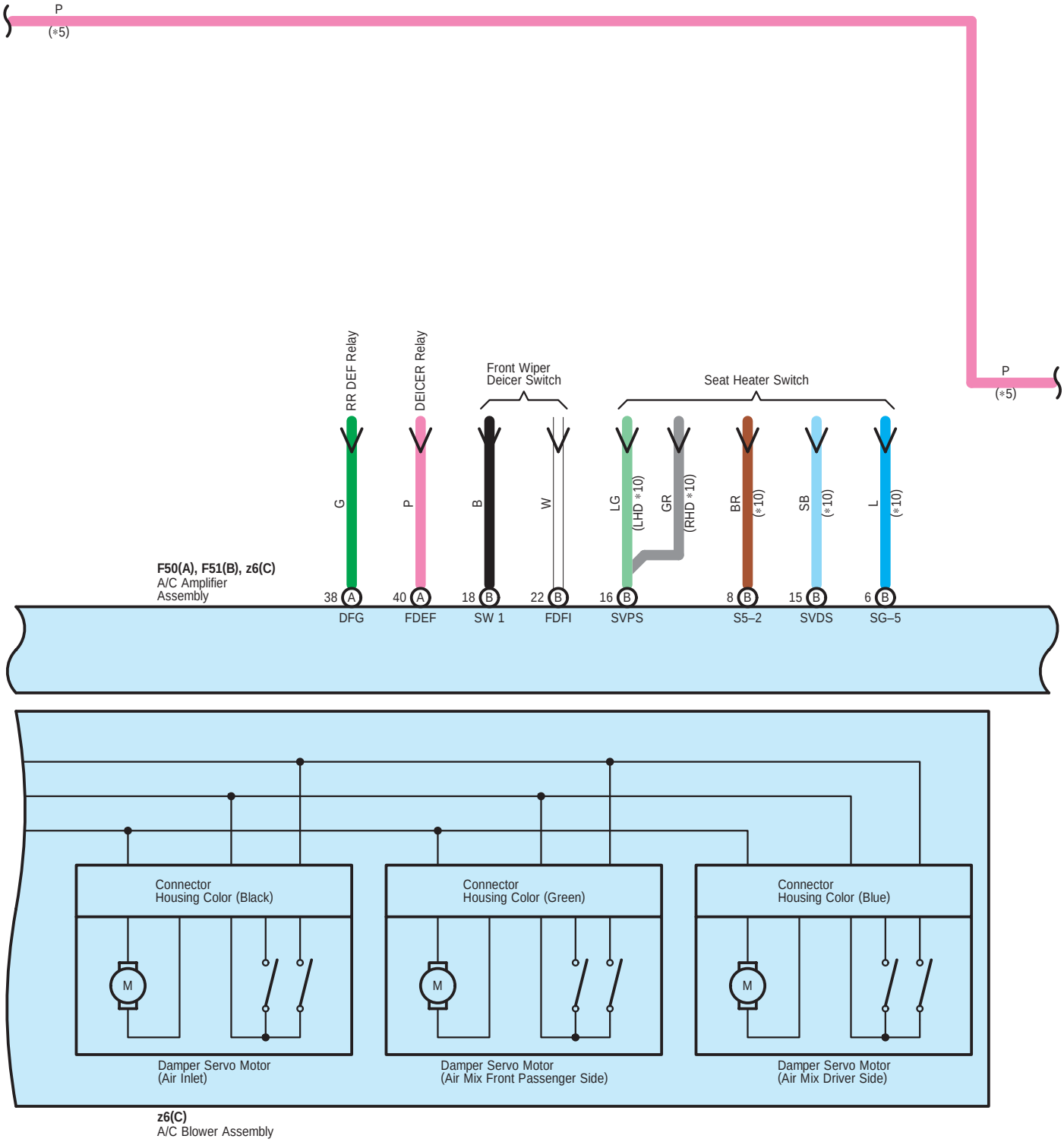
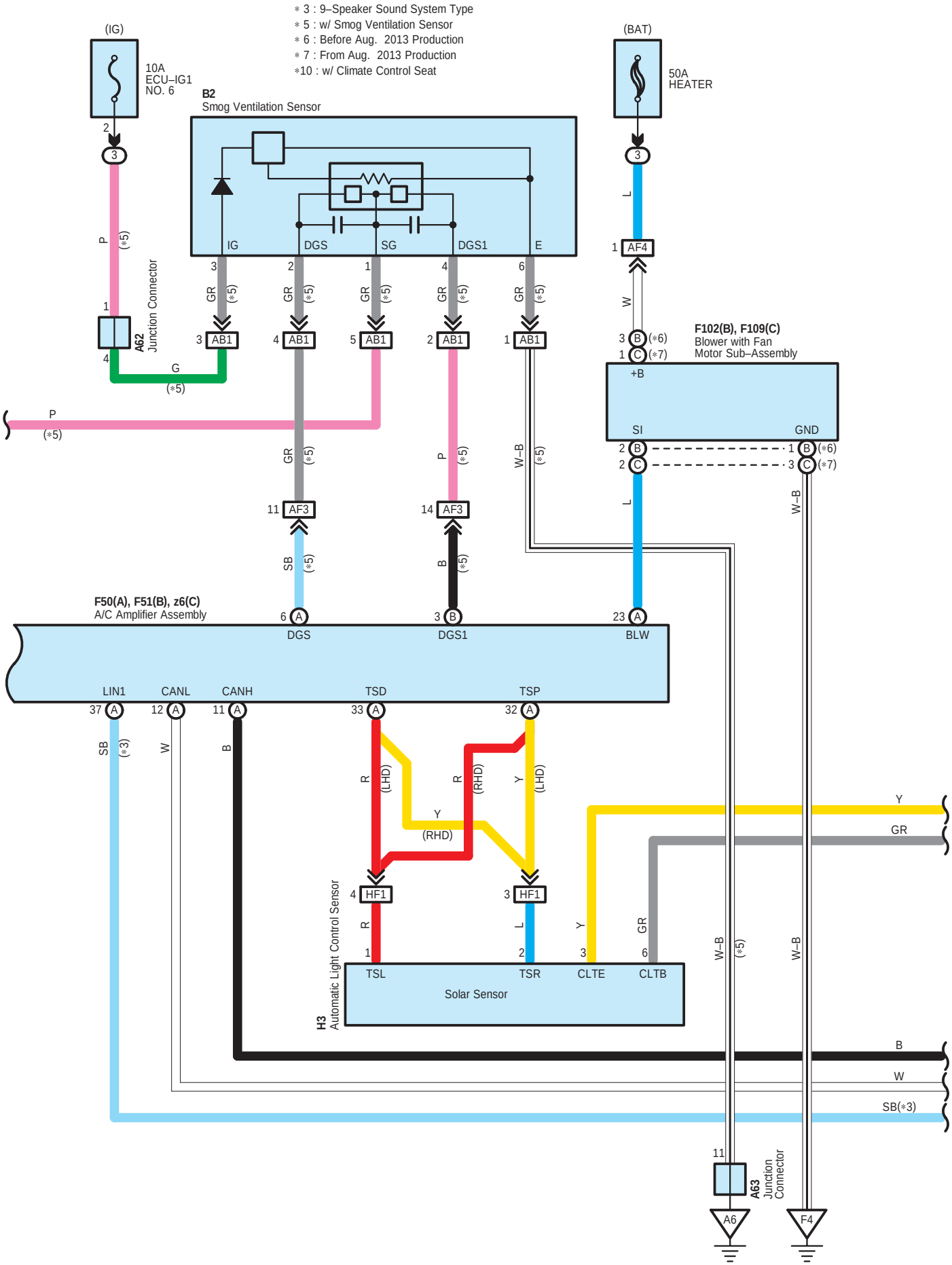
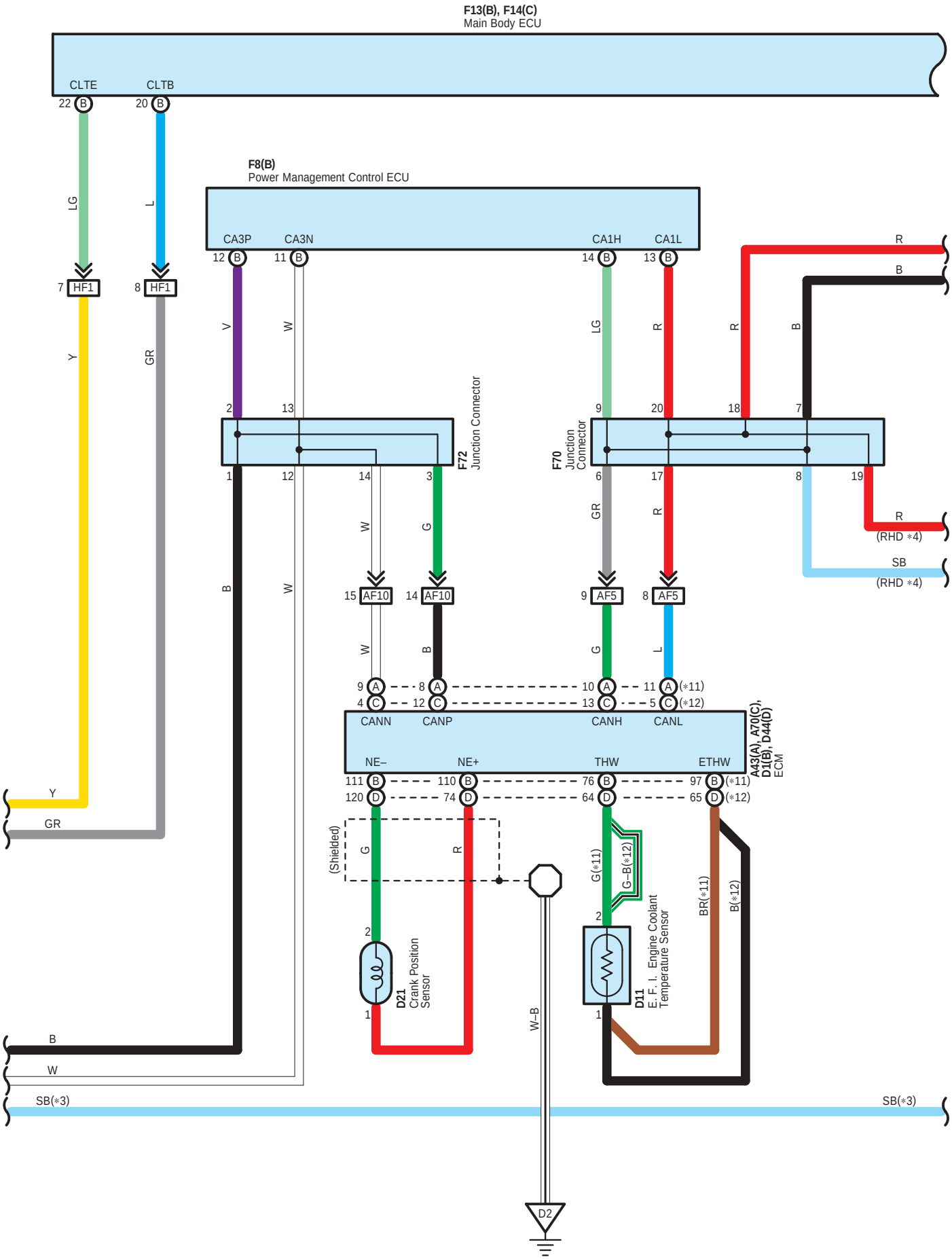
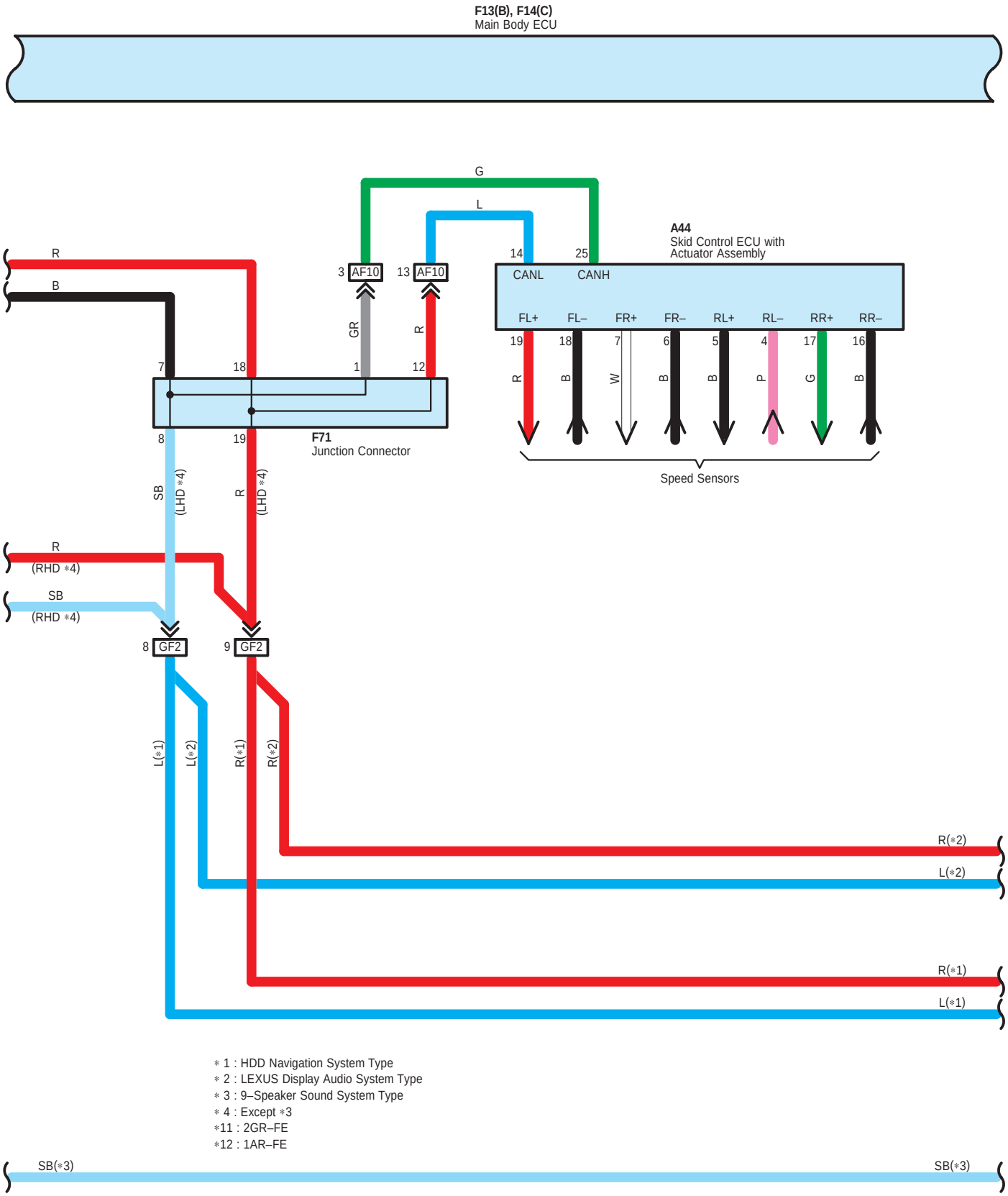

(IG)
10A
ECU–IG1
NO. 6
(BAT)
7. 5A
ECU–B
NO. 2
(IG)
10A
ECU–IG1
NO. 3
A62
Junction Connector
MG/CLT
Relay
D7
With Magnet Clutch
Compressor Assembly
MG+
SSR+
SSR–
Magnet Clutch
Lock Sensor
SOL+
Solenoid
Control
Valve
SOL–
D9
With Magnet Clutch
Compressor Assembly
F94
Junction
Connector
F50(A), F51(B), z6(C)
A/C Amplifier Assembly
SOL+
LOCK
MGC
B
IG+
GND
F65(A), F66(B)
Junction Connector
A63
Junction Connector
F92
Junction Connector
A6
F3

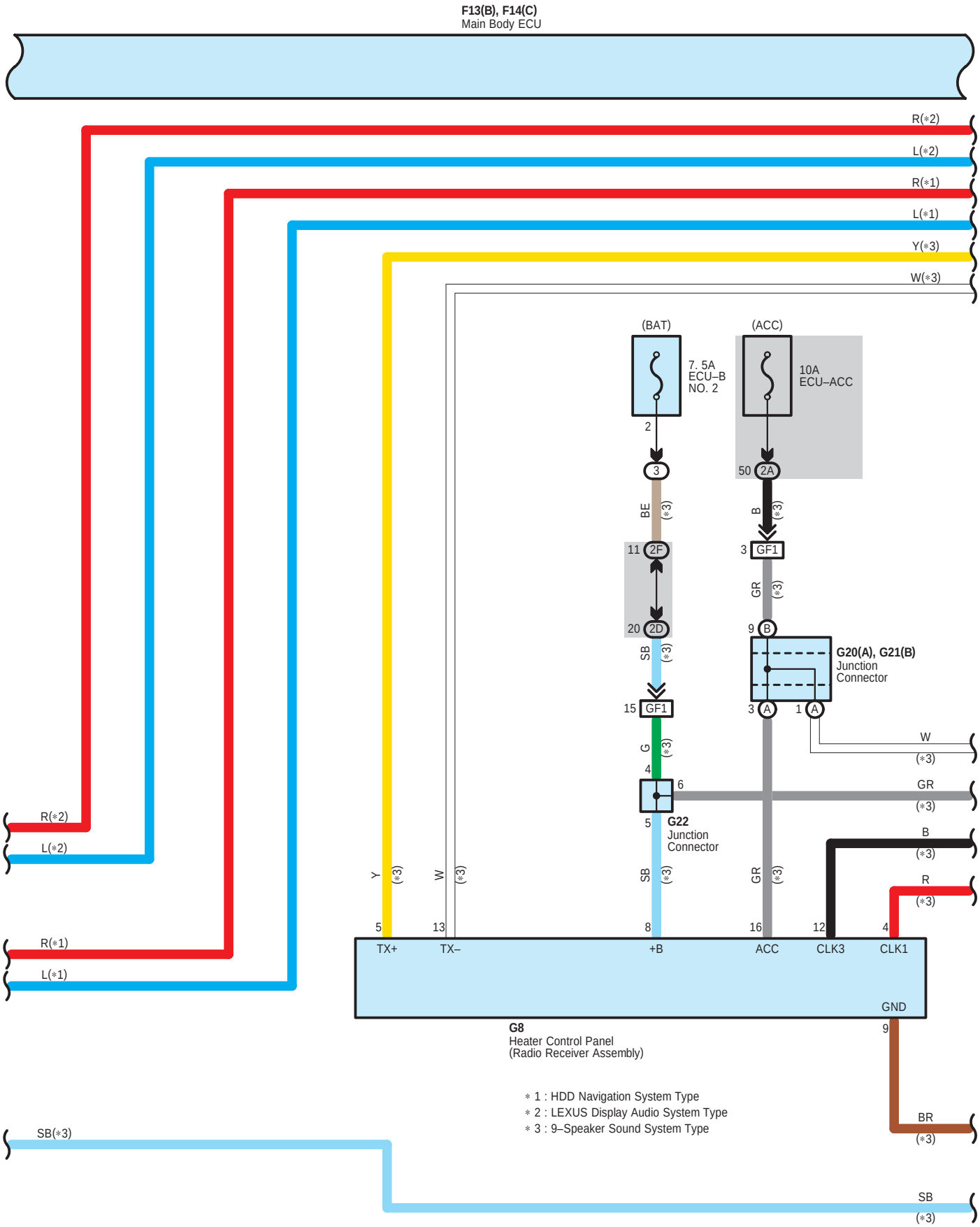

∗ 5 : w/ Smog Ventilation Sensor
∗ 6 : Before Aug. 2013 Production
∗ 7 : From Aug. 2013 Production
A61
Junction Connector
D10
With Magnet Clutch
Compressor Assembly
Air Conditioning
Mass Flow Sensor
QUFL
S5FL
SGFL
A7
A/C Pressure Sensor
PR
A3
Cooler
(Ambient Temperature Sensor)
Thermistor
AF3
AF8
DA2
SG–2
SG–4
PRE
S5–3
FLOQ
S5–1
TAM
TR
SG–1
SG
TE
BUSG
BUS
BBUS
F50(A), F51(B), z6(C)
A/C Amplifier Assembly
F26
No. 1 Cooler Thermistor
A/C Evaporator
Temperature Sensor
Connector
Housing Color (Red)
Damper Servo Motor
(Air Vent Mode)
z6(C)
A/C Blower Assembly

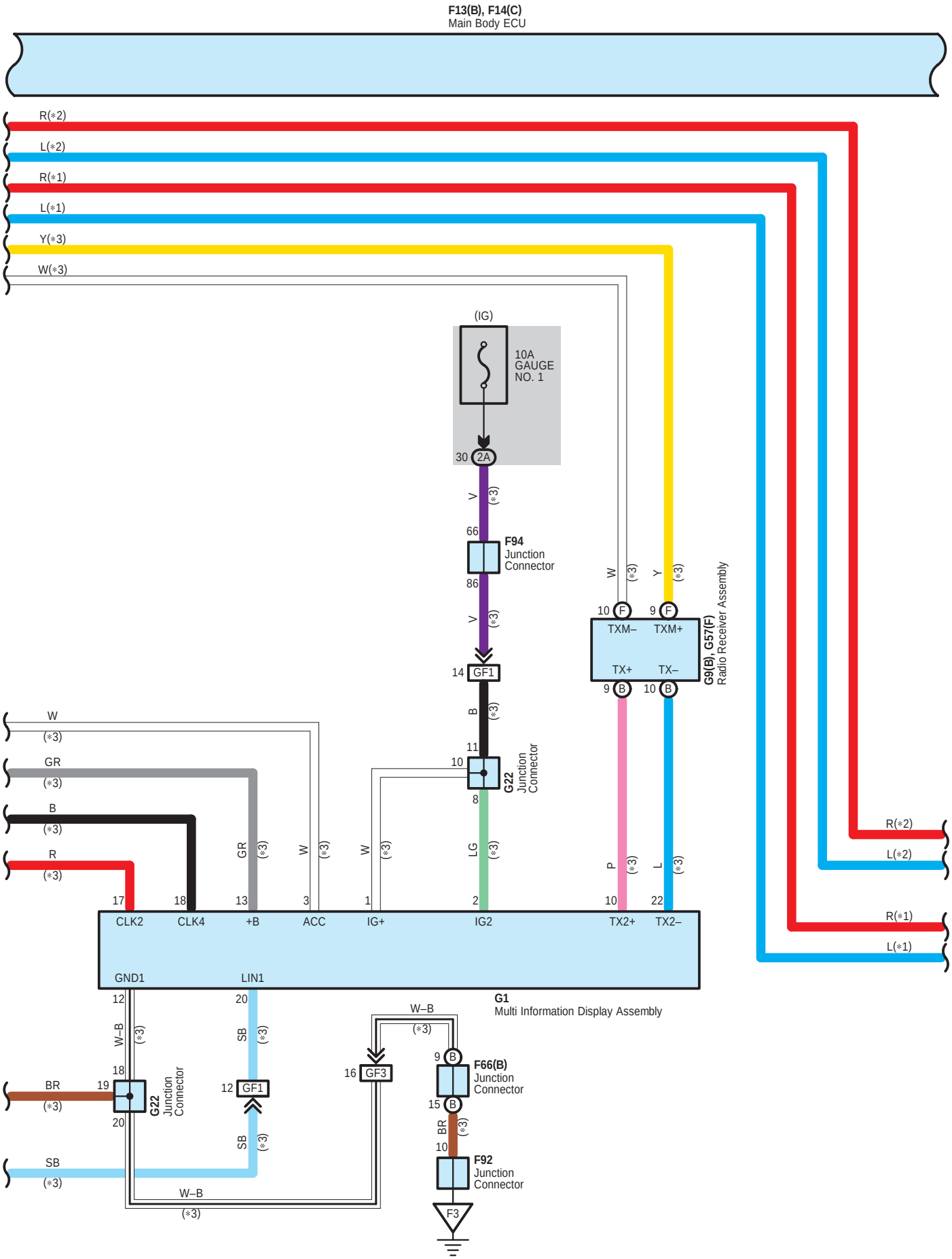

P
(*5)
P
(*5)
RR DEF Relay
DEICER Relay
Front Wiper
Deicer Switch
Seat Heater Switch
G
P
B
W
LG
(LHD *10)
GR
(RHD *10)
BR
(*10)
SB
(*10)
L
(*10)
F50(A), F51(B), z6(C)
A/C Amplifier
Assembly
38 A
40 A
18 B
22 B
16 B
8 B
15 B
6 B
DFG
FDEF
SW 1
FDFI
SVPS
S5–2
SVDS
SG–5
Connector
Housing Color (Black)
Connector
Housing Color (Green)
Connector
Housing Color (Blue)
M
M
M
Damper Servo Motor
(Air Inlet)
Damper Servo Motor
(Air Mix Front Passenger Side)
Damper Servo Motor
(Air Mix Driver Side)
z6(C)
A/C Blower Assembly

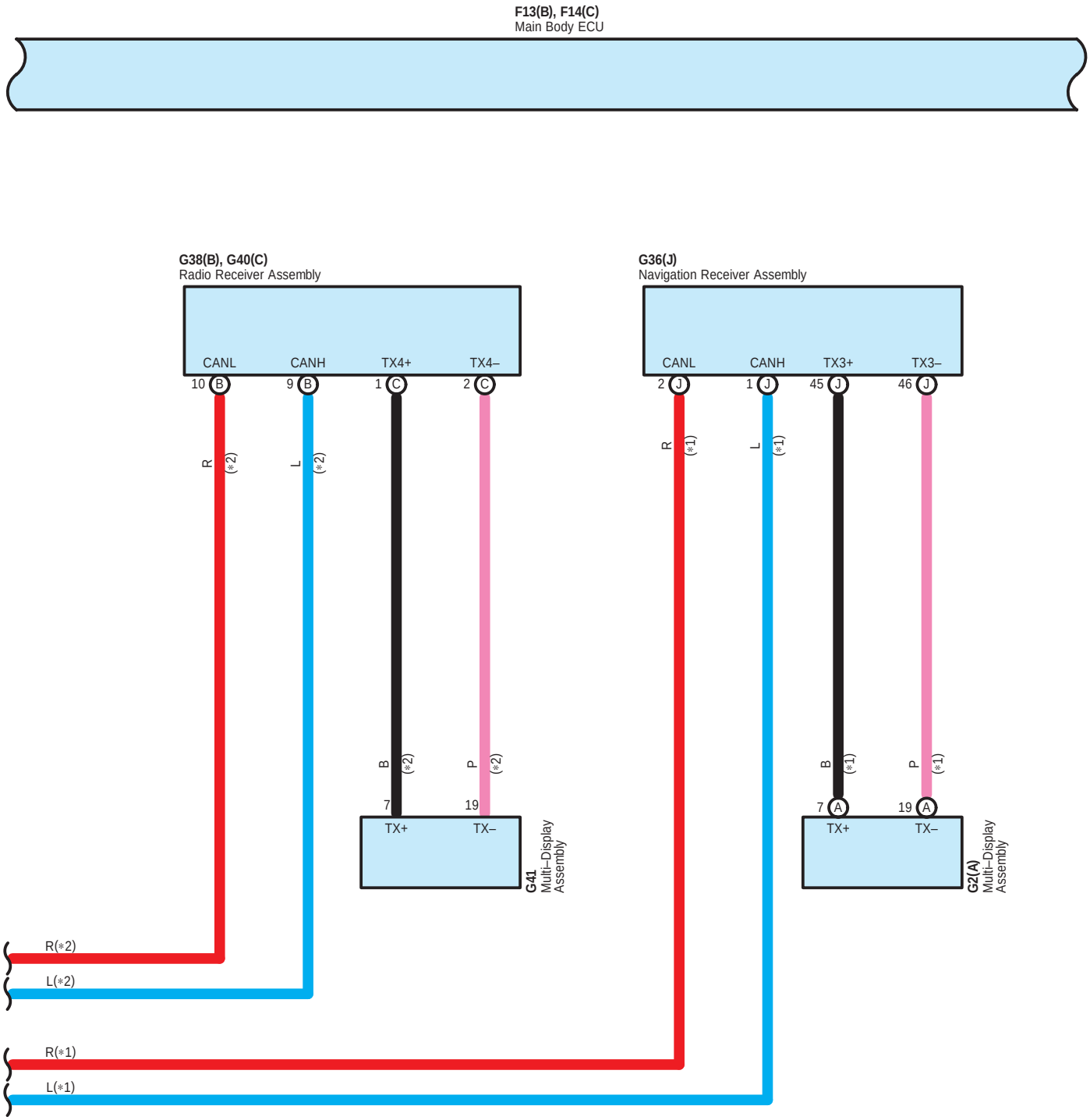

∗3 : 9–Speaker Sound System Type
∗5 : w/ Smog Ventilation Sensor
∗6 : Before Aug. 2013 Production
∗7 : From Aug. 2013 Production
∗10 : w/ Climate Control Seat
(IG)
10A
ECU–IG1
NO. 6
B2
Smog Ventilation Sensor
IG
DGS
SG
DGS1
E
(BAT)
50A
HEATER
AF4
A62
Junction Connector
AB1
F102(B), F109(C)
Blower with Fan
Motor Sub–Assembly
+B
SI
GND
AF3
F50(A), F51(B), z6(C)
A/C Amplifier Assembly
DGS
DGS1
BLW
LIN1
CANL
CANH
TSD
TSP
HF1
Automatic Light Control Sensor
H3
TSL
TSR
CLTE
CLTB
Solar Sensor
A63
Junction Connector
A6
F4


F13(B), F14(C)
Main Body ECU
CLTE
CLTB
22 B
20 B
LG
L
7 HF1
8 HF1
Y
GR
F8(B)
Power Management Control ECU
CA3P
CA3N
CA1H
CA1L
12 B
11 B
14 B
13 B
V
W
LG
R
R
B
R
B
2
13
9
20
18
7
F72
Junction Connector
F70
Junction
Connector
1
12
14
3
6
17
8
19
W
G
GR
R
R
(RHD ∗4)
SB
(RHD ∗4)
B
W
15 AF10
14 AF10
9 AF5
8 AF5
W
B
G
L
9 A
8 A
10 A
11 A (∗11)
4 C
12 C
13 C
5 C (∗12)
CANN
CANP
CANH
CANL
A43(A), A70(C),
D1(B), D44(D)
ECM
NE–
NE+
THW
ETHW
111 B
110 B
76 B
97 B (∗11)
120 D
74 D
64 D
65 D (∗12)
Y
GR
(Shielded)
G
R
G(∗11)
G–B(∗12)
BR(∗11)
B(∗12)
2
2
D21
Crank Position
Sensor
1
D11
E. F. I. Engine Coolant
Temperature Sensor
1
W–B
B
W
SB(∗3)
SB(∗3)
D2

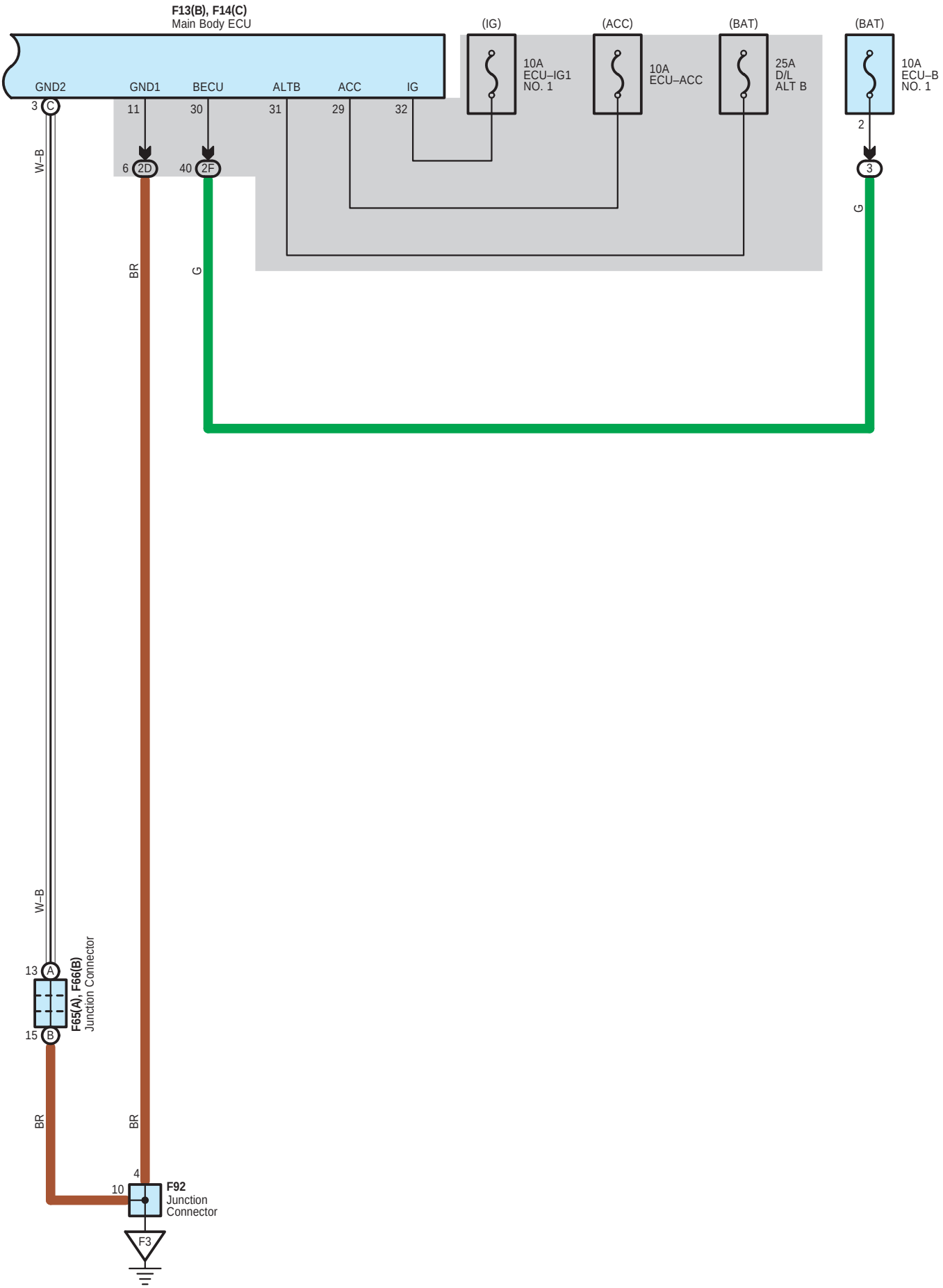

F13(B), F14(C)
Main Body ECU
G
L
A44
Skid Control ECU with
Actuator Assembly
14
25
CANL
CANH
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
19
18
7
6
5
4
17
16
R
B
W
B
B
P
G
B
Speed Sensors
3 AF10
13 AF10
GR
R
1
12
R
B
7
18
8
19
F71
Junction Connector
SB
(LHD ∗4)
R
(LHD ∗4)
R
(RHD ∗4)
SB
(RHD ∗4)
8 GF2
9 GF2
L(∗1)
L(∗2)
R(∗1)
R(∗2)
R(∗2)
L(∗2)
R(∗1)
L(∗1)
∗ 1 : HDD Navigation System Type
∗ 2 : LEXUS Display Audio System Type
∗ 3 : 9–Speaker Sound System Type
∗ 4 : Except ∗3
∗11 : 2GR–FE
∗12 : 1AR–FE
SB(∗3)
SB(∗3)


F13(B), F14(C)
Main Body ECU
R(∗2)
L(∗2)
R(∗1)
L(∗1)
Y(∗3)
W(∗3)
(BAT)
(ACC)
7. 5A
ECU–B
NO. 2
10A
ECU–ACC
2
3
50
2A
BE
(∗3)
B
(∗3)
11
2F
3
GF1
GR
(∗3)
20
2D
9
B
SB
(∗3)
G20(A), G21(B)
Junction
Connector
15
GF1
3
A
1
A
W
(∗3)
G
(∗3)
4
6
GR
(∗3)
5
G22
Junction
Connector
B
(∗3)
R
(∗3)
Y
(∗3)
W
(∗3)
SB
(∗3)
GR
(∗3)
5
13
8
16
12
4
TX+
TX–
+B
ACC
CLK3
CLK1
GND
9
G8
Heater Control Panel
(Radio Receiver Assembly)
∗ 1 : HDD Navigation System Type
∗ 2 : LEXUS Display Audio System Type
∗ 3 : 9–Speaker Sound System Type
R(∗2)
L(∗2)
R(∗1)
L(∗1)
SB(∗3)
BR
(∗3)
SB
(∗3)


F13(B), F14(C)
Main Body ECU
R(*2)
L(*2)
R(*1)
L(*1)
Y(*3)
W(*3)
(IG)
10A
GAUGE
NO. 1
30
2A
V
(*3)
66
F94
Junction
Connector
86
V
(*3)
14
GF1
B
(*3)
11
10
G22
Junction
Connector
8
LG
(*3)
W
(*3)
Y
(*3)
10
F
9
F
TXM–
TXM+
TX+
TX–
9
B
10
B
G9(B), G57(F)
Radio Receiver Assembly
W
(*3)
GR
(*3)
B
(*3)
R
(*3)
GR
(*3)
W
(*3)
W
(*3)
P
(*3)
L
(*3)
17
18
13
3
1
2
10
22
CLK2
CLK4
+B
ACC
IG+
IG2
TX2+
TX2–
R(*2)
L(*2)
R(*1)
L(*1)
GND1
LIN1
12
20
G1
Multi Information Display Assembly
W–B
(*3)
SB
(*3)
W–B
(*3)
9
B
F66(B)
Junction
Connector
16
GF3
18
BR
19
G22
Junction
Connector
20
12
GF1
15
B
BR
(*3)
10
F92
Junction
Connector
SB
(*3)
SB
(*3)
W–B
(*3)
F3

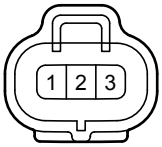


∗ 1 : HDD Navigation System Type
∗ 2 : LEXUS Display Audio System Type

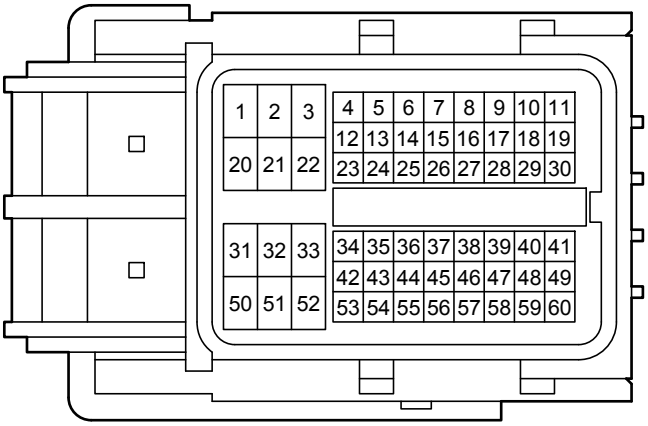

F13(B), F14(C)
Main Body ECU
GND2
GND1
BECU
ALTB
ACC
IG
3 C
11
30
31
29
32
6 2D
40 2F
(IG)
(ACC)
(BAT)
(BAT)
10A
ECU–IG1
NO. 1
10A
ECU–ACC
25A
D/L
ALT B
10A
ECU–B
NO. 1
2
3
W–B
BR
G
G
W–B
13 A
15 B
F65(A), F66(B)
Junction Connector
BR
BR
4
10
F92
Junction
Connector
F3

A 3
Black

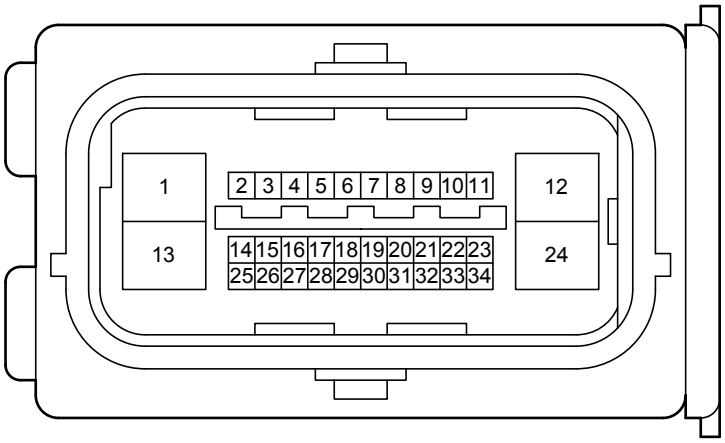
A 7
Black



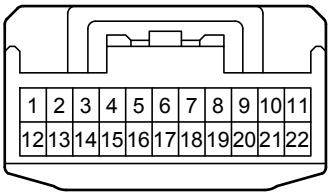
A 43
Black



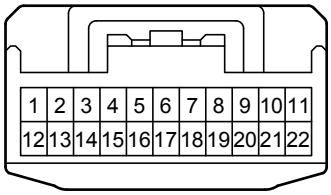
A 44
Black



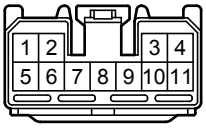
A 61
Black



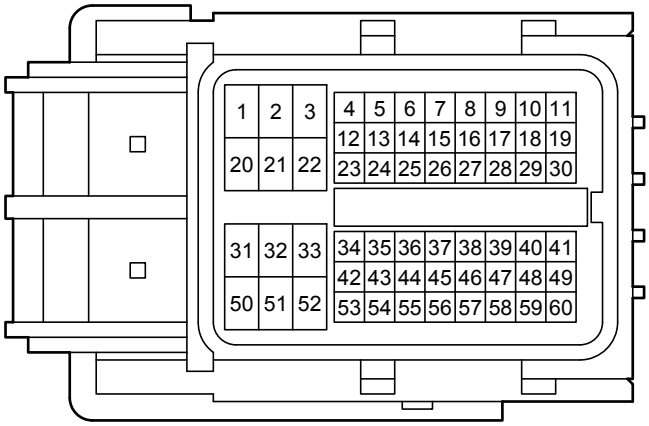
A 62
Black



A 63
White

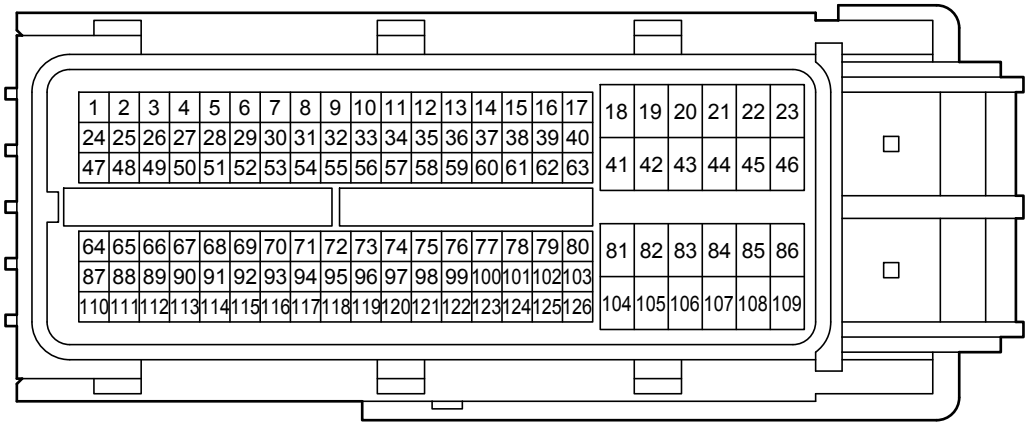


A 70
Black

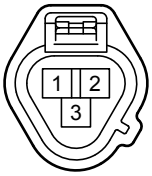


B 2
Gray

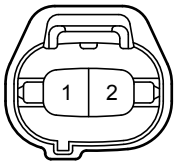
D 1
Black



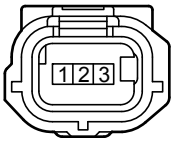
D 7
Gray



D 9
Black

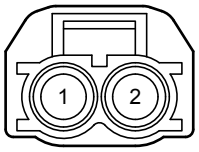


D 10
Black

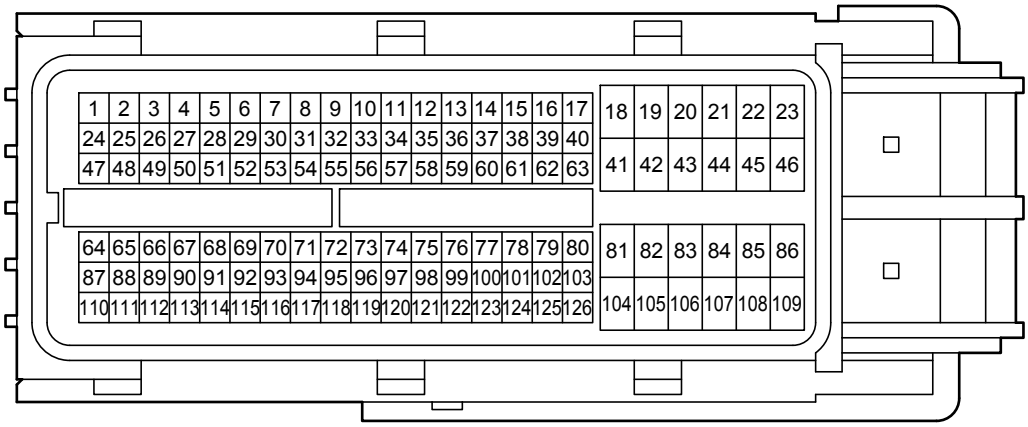


D 11
Gray

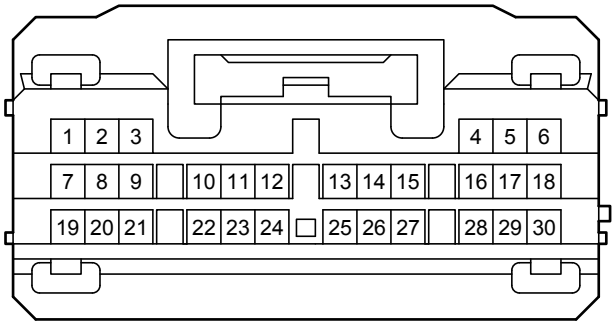
D 21
Black



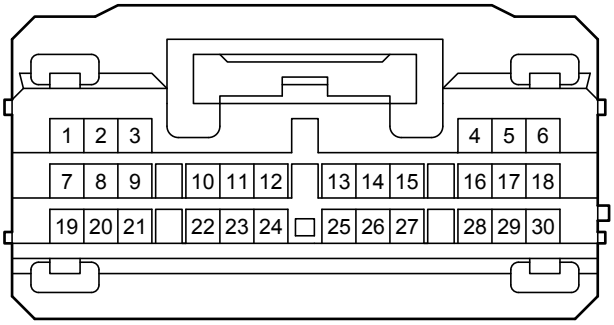
D 44
Black



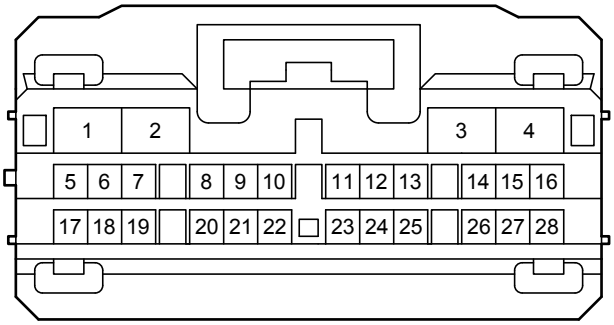
F 8
Black



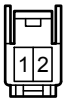
F 13
Black



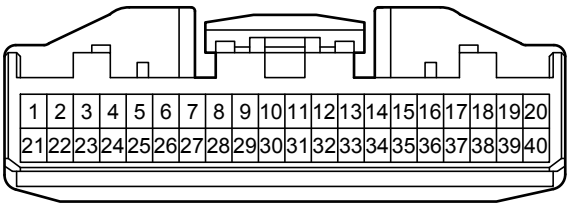
F 14
White



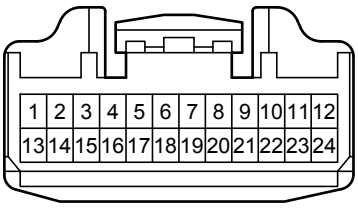
F 26
Black



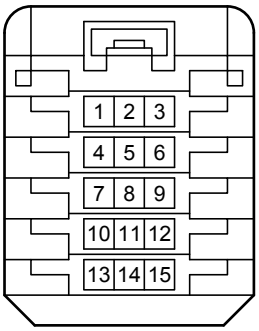
F 50
White



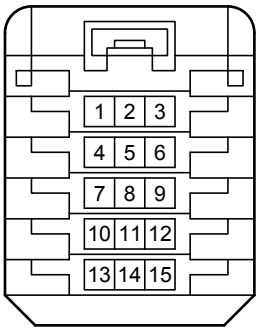
F 51
White



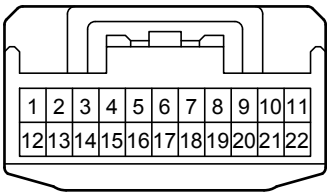
F 65
White



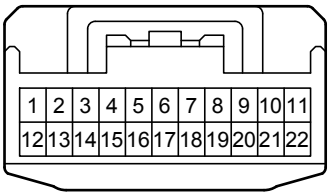
F 66
White



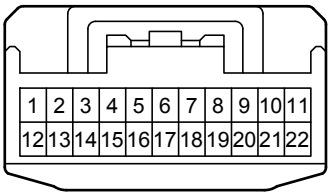
F 70
Blue



F 71
Blue



F 72
White



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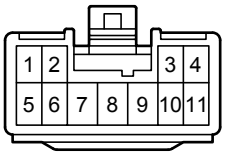

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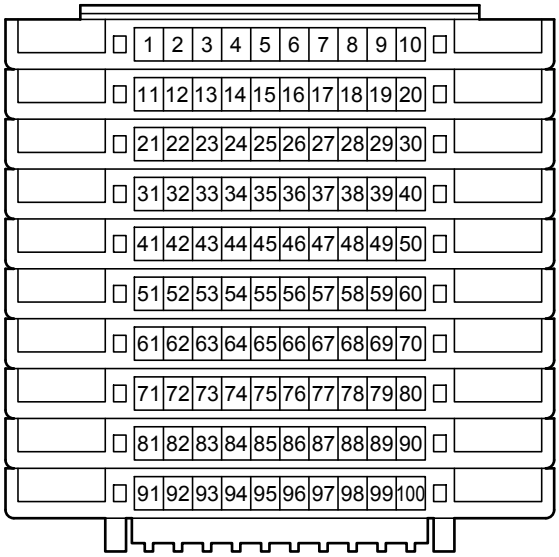

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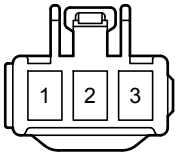

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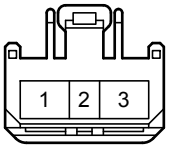

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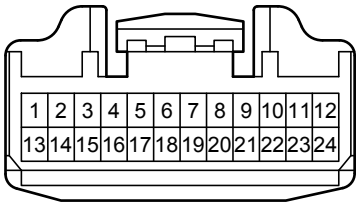

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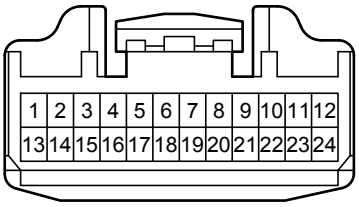

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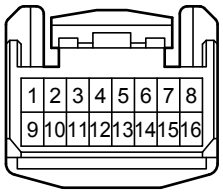

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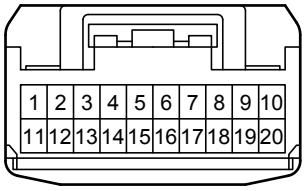

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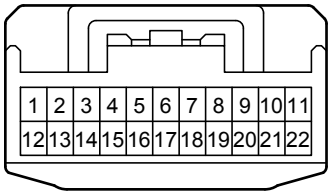

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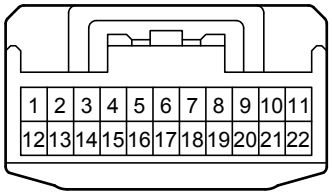

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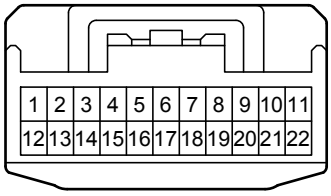

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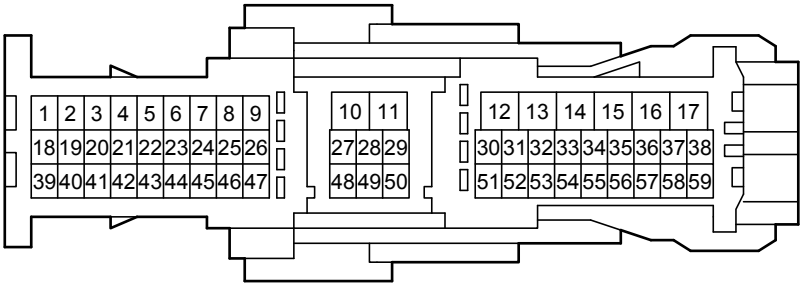

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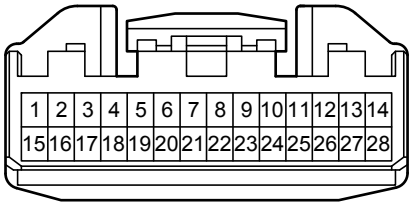

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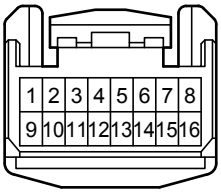

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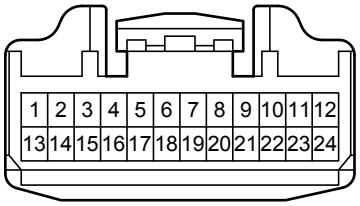

G 57
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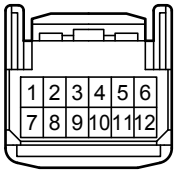

H 3
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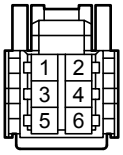

z 6
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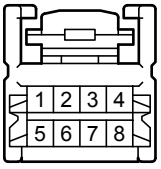

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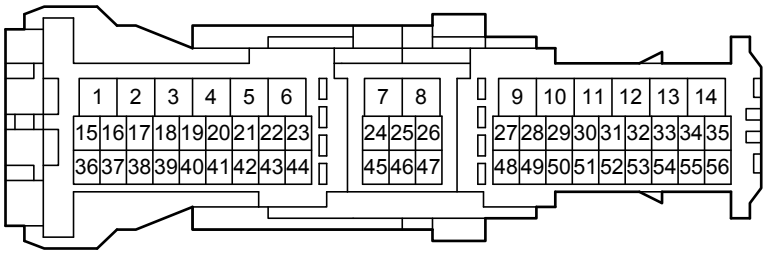

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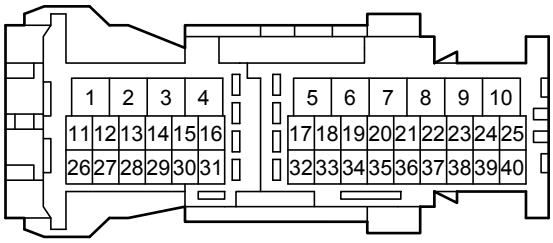

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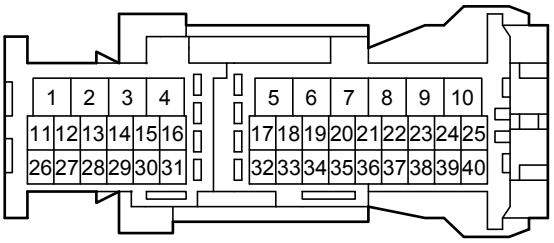

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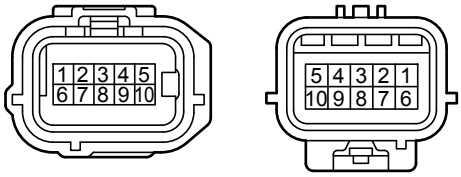
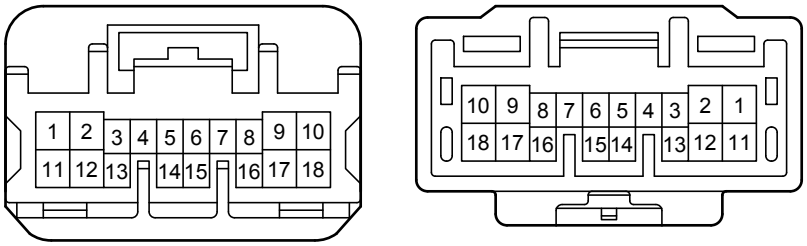
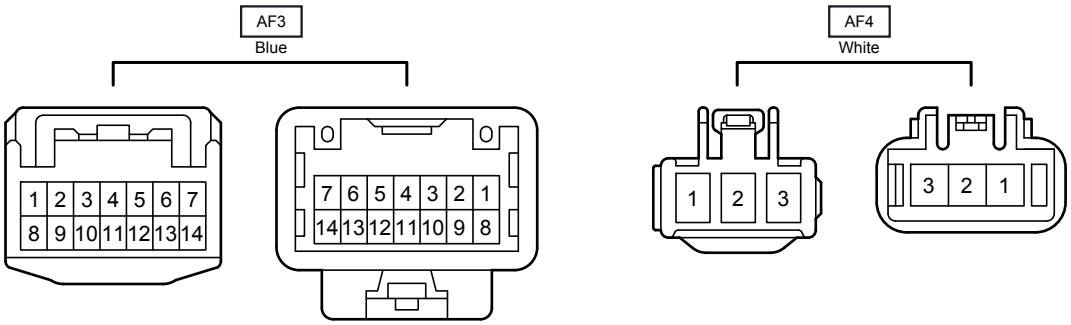


AF2
Black

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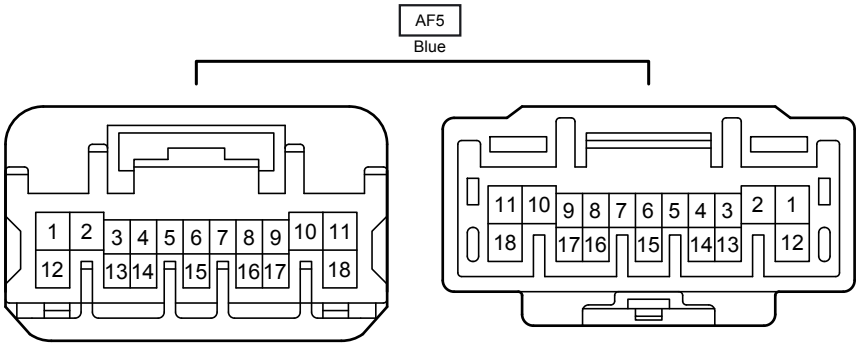
8 9 10 11 12 13 14
7 6 5 4 3 2 1
14 13 12 11 10 9 8
AF4
White
1 2 3
3 2 1


AF5
Blue
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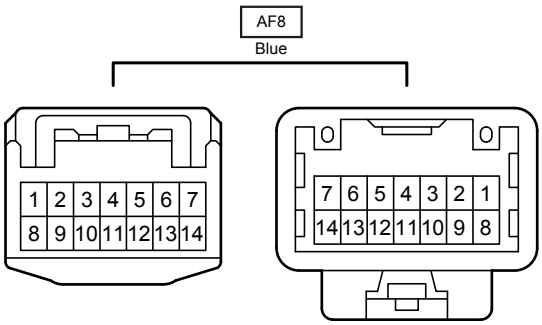
12 13 14 15 16 17 18
11 10 9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12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Blue
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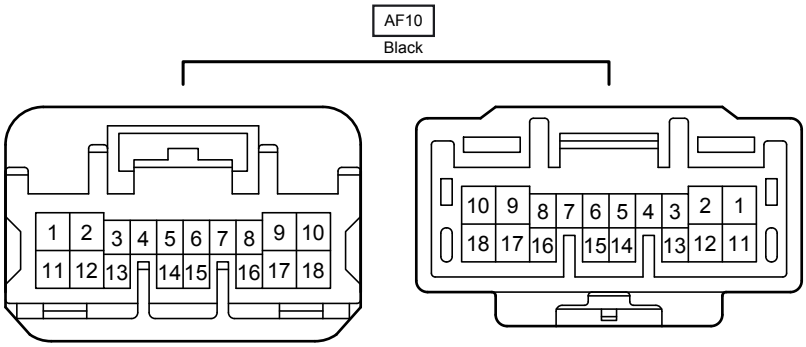
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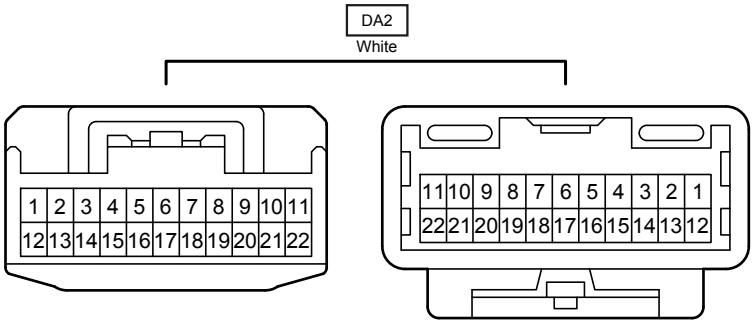
DA2
White
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12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
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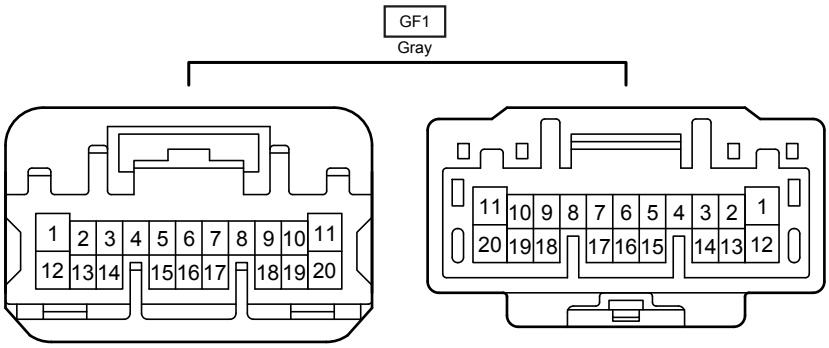
GF1
Gray
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12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
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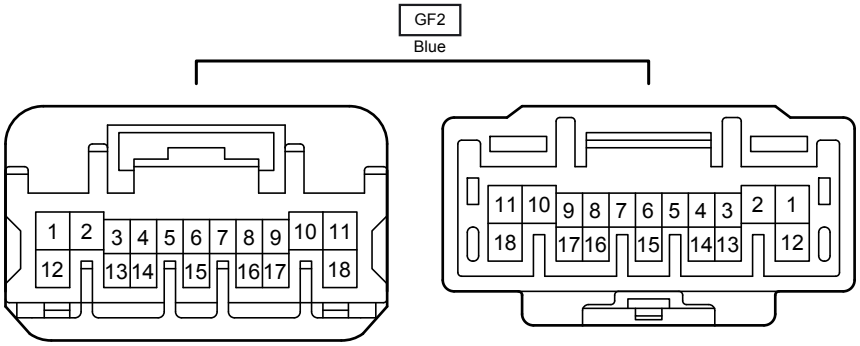
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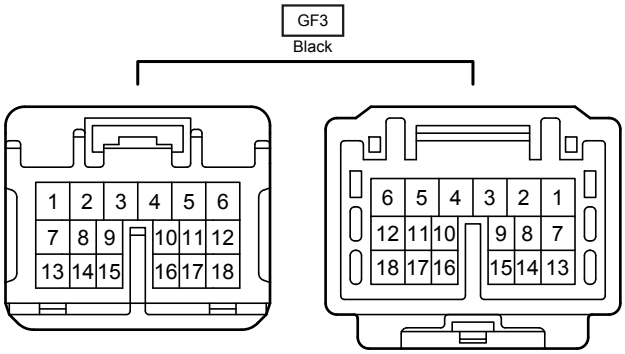
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12 11 10 9 8 7
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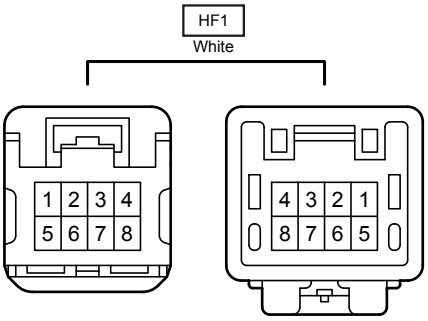
HF1
White
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5 6 7 8
4 3 2 1
8 7 6 5