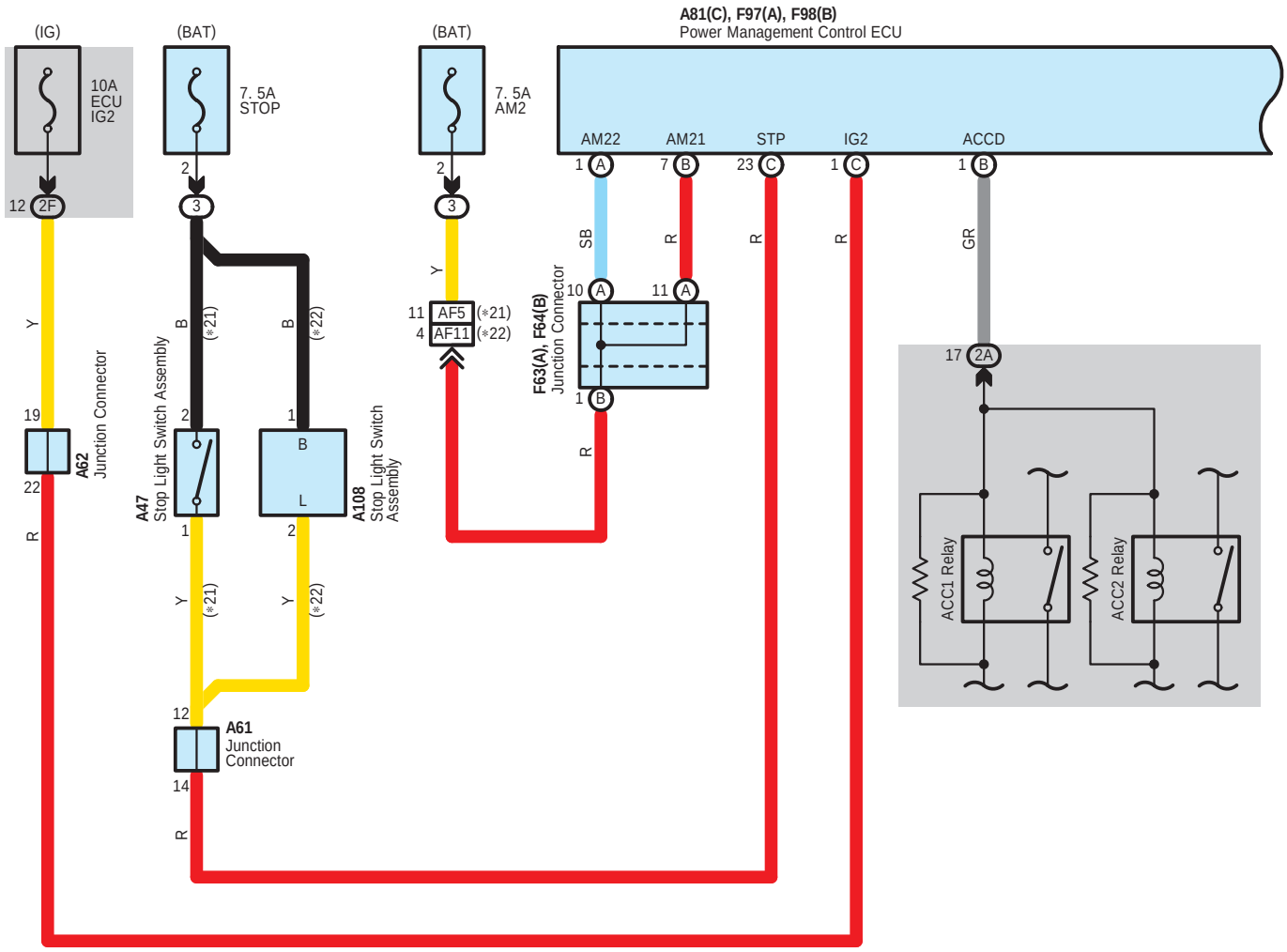
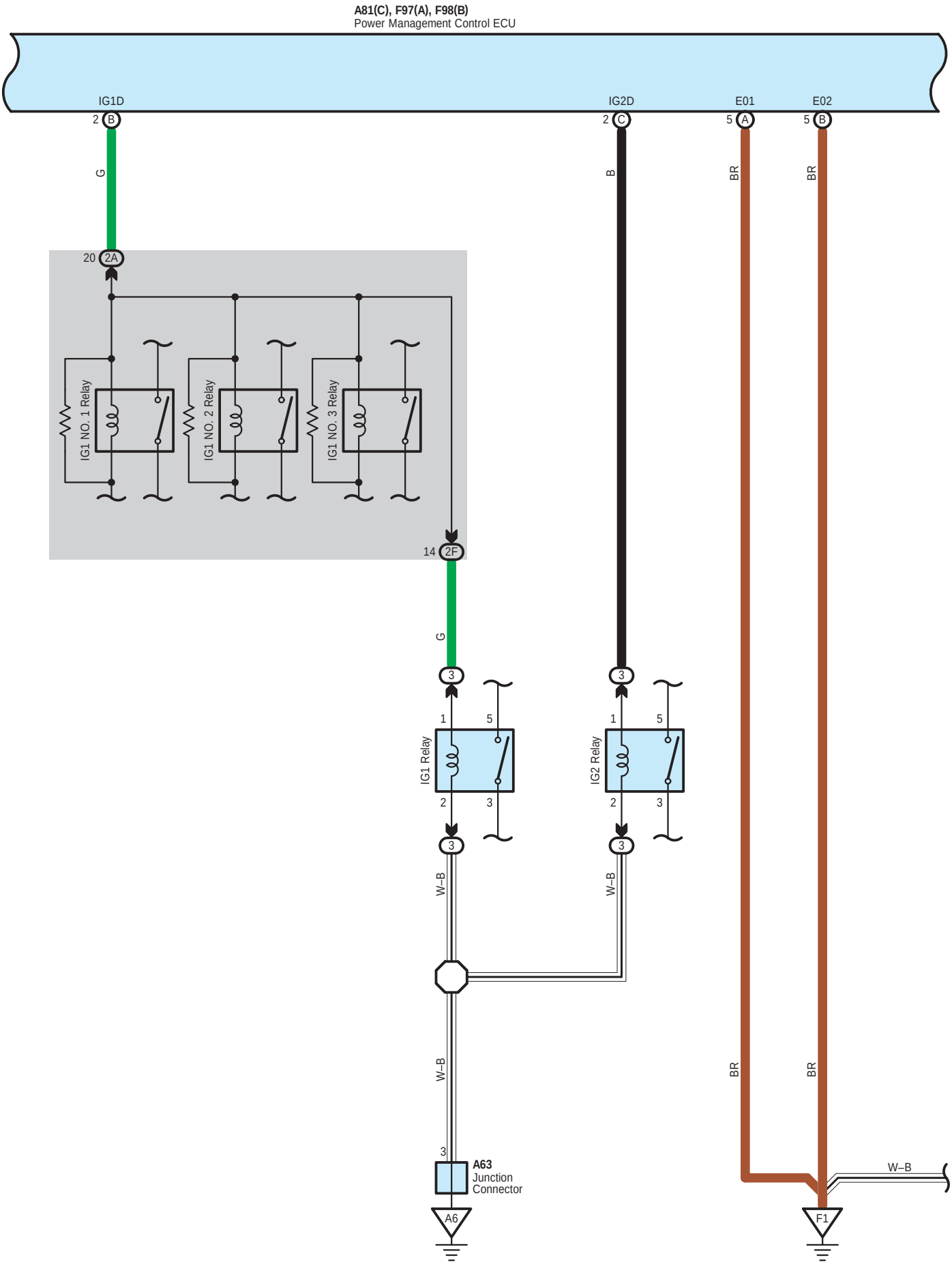
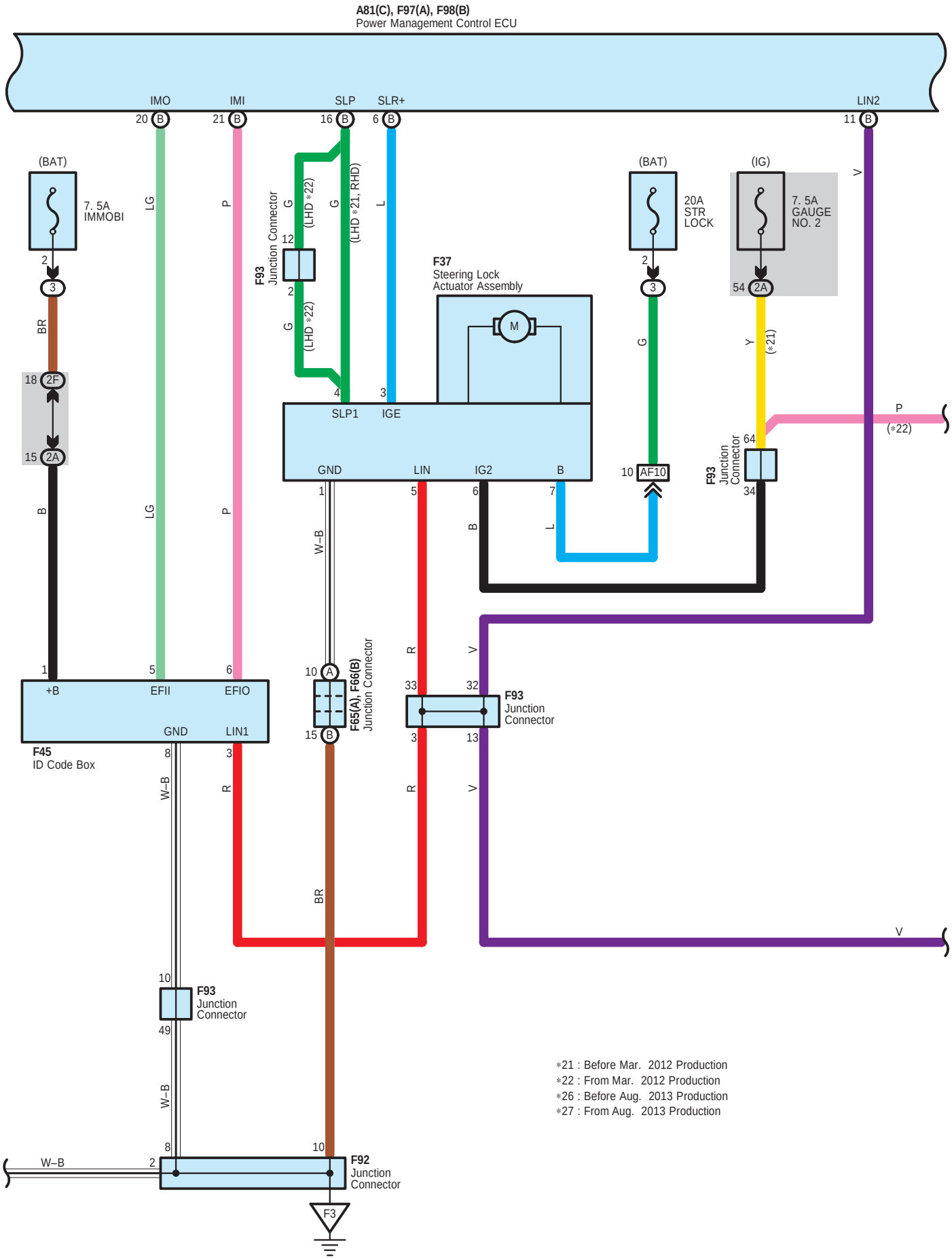
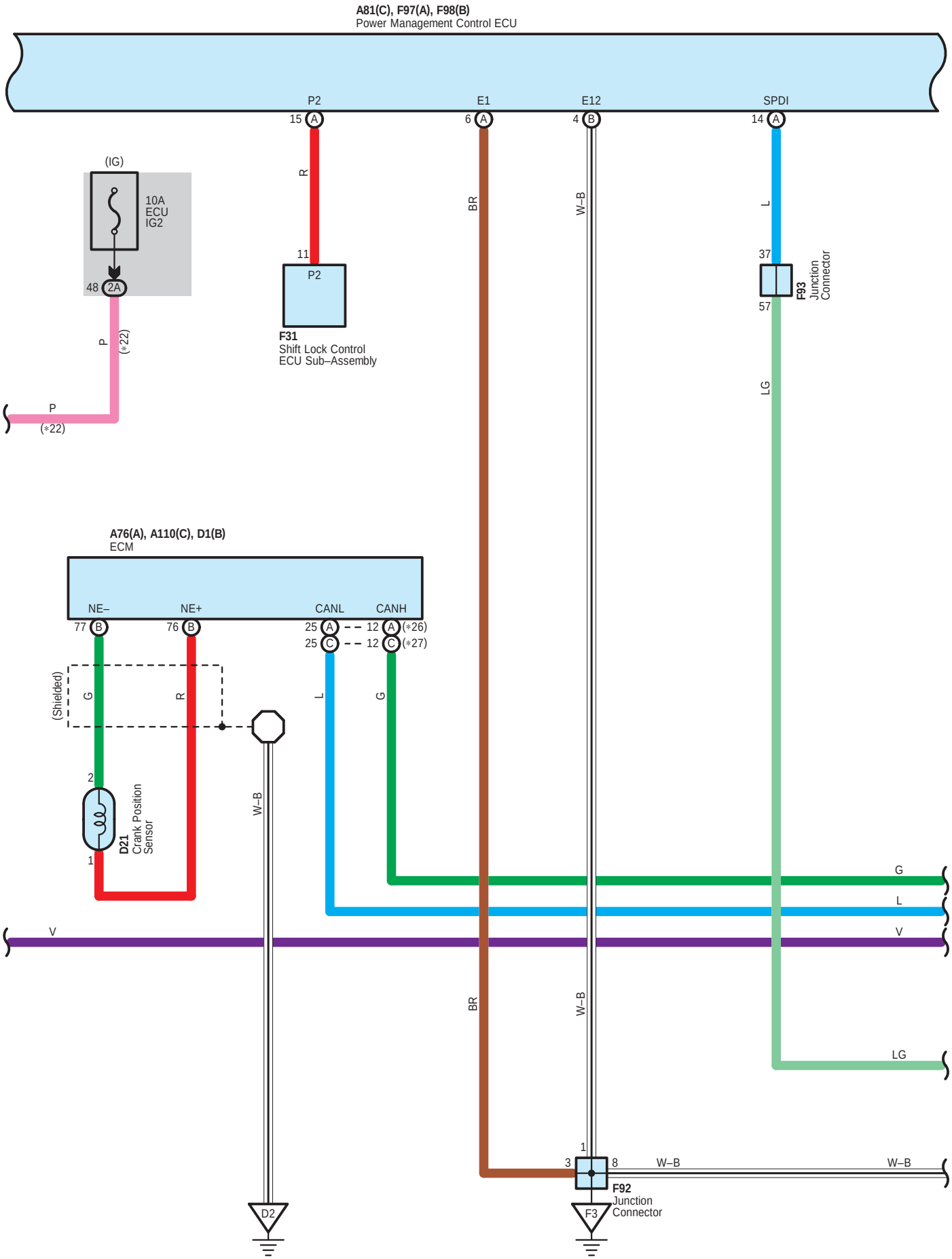
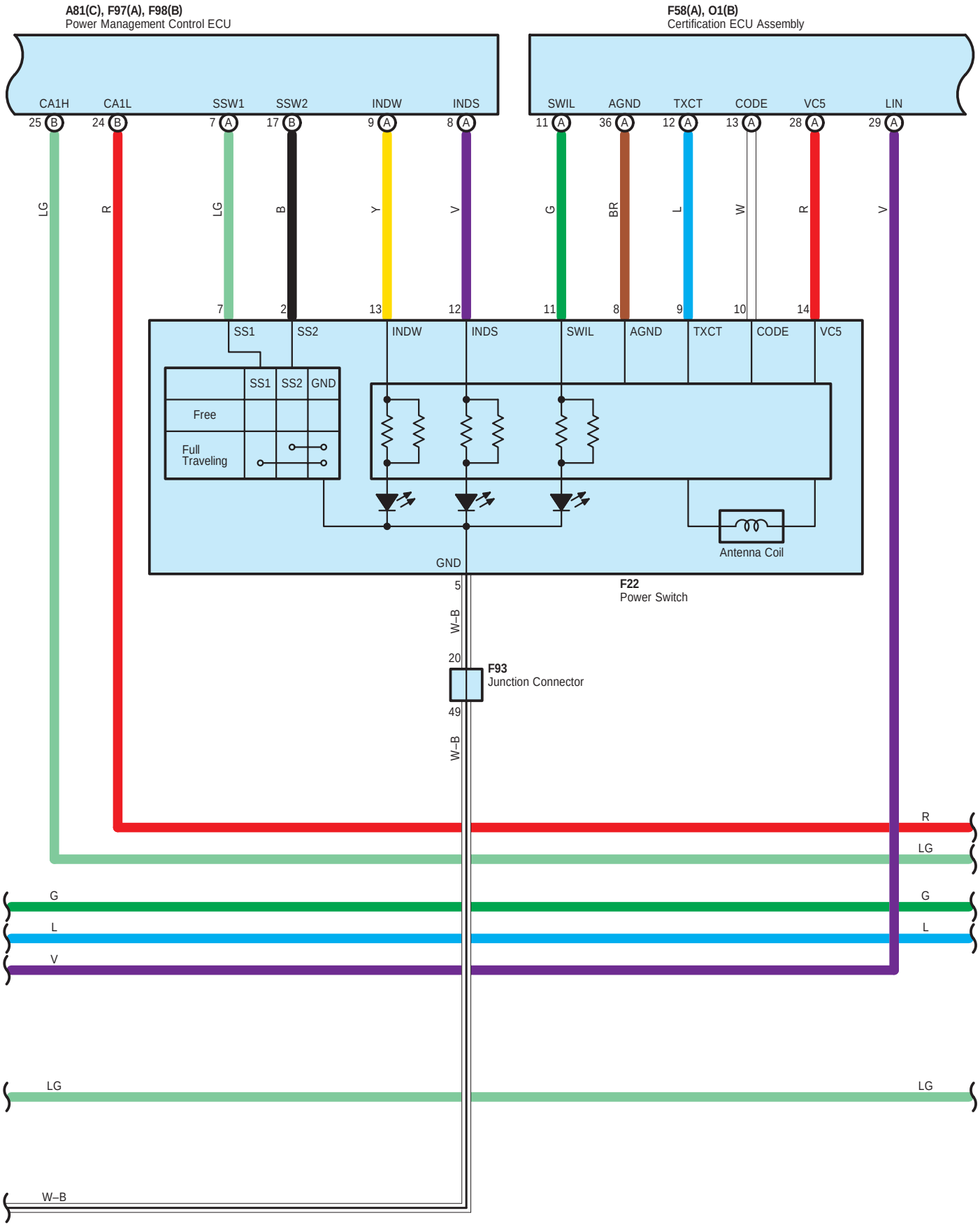


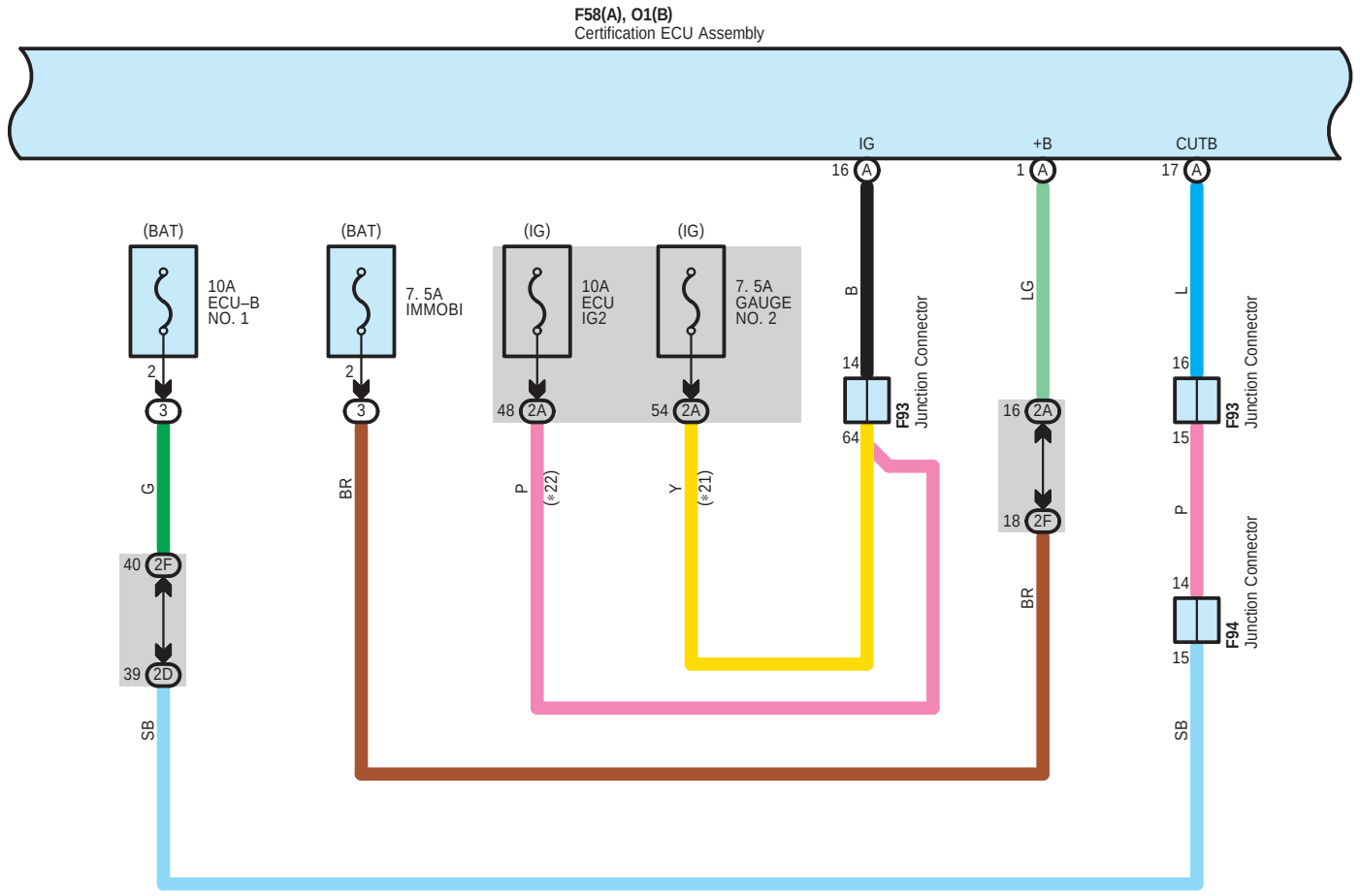
*21 : Before Mar. 2012 Production
*22 : From Mar. 2012 Production


A81(C), F97(A), F98(B)
Power Management Control ECU
IG1D
IG2D
E01
E02
2 B
2 C
5 A
5 B
G
B
BR
BR
20 2A
IG1 NO. 1 Relay
IG1 NO. 2 Relay
IG1 NO. 3 Relay
14 2F
G
3
3
1
5
IG1 Relay
2
3
IG2 Relay
W–B
W–B
W–B
BR
BR
3
A63
Junction
Connector
A6
W–B
F1

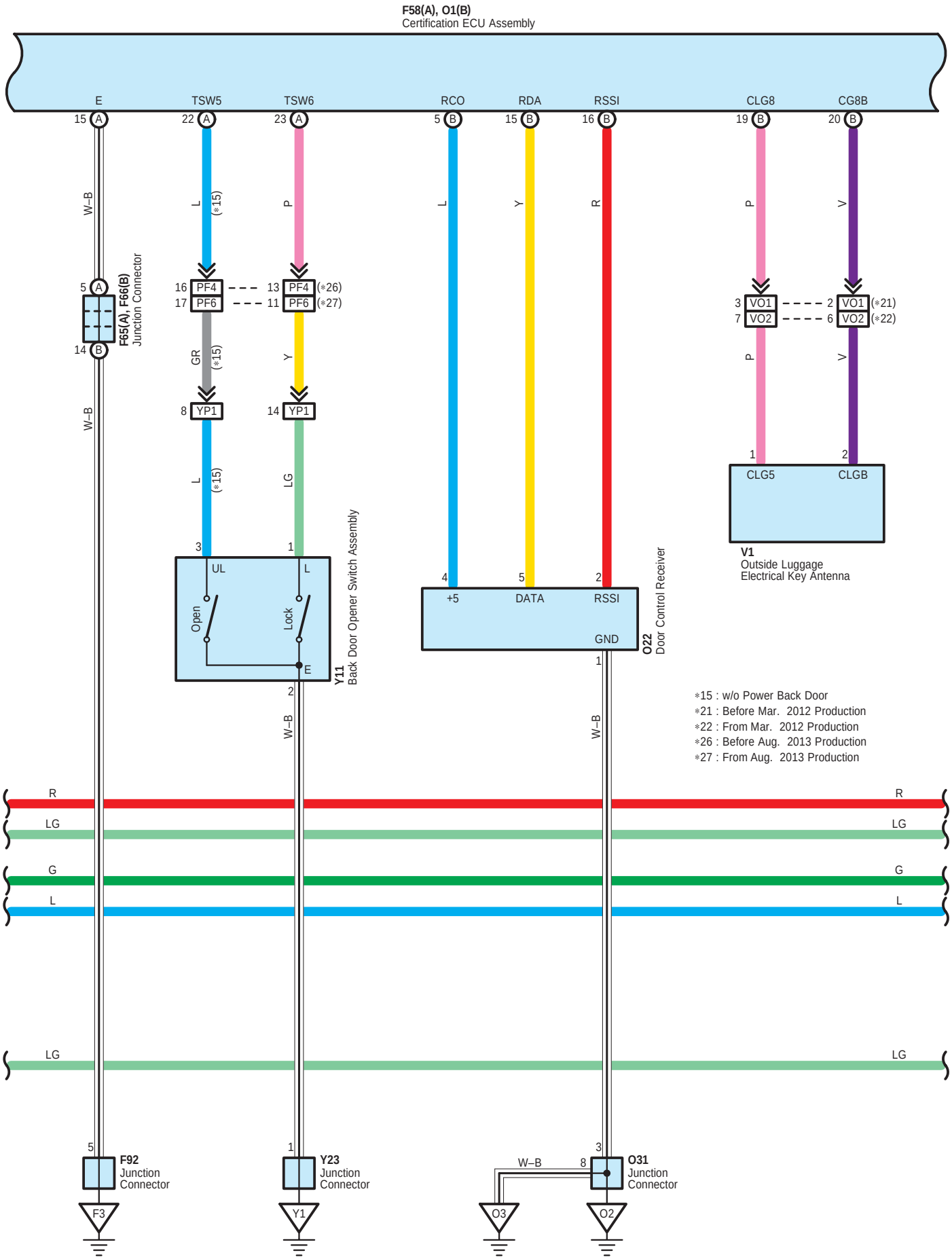

A81(C), F97(A), F98(B)
Power Management Control ECU
IMO
IMI
SLP
SLR+
LIN2
(BAT)
7. 5A
IMMOBI
F93
Junction Connector
(LHD *22)
(LHD *21, RHD)
F37
Steering Lock
Actuator Assembly
SLP1
IGE
GND
LIN
IG2
(BAT)
20A
STR
LOCK
(IG)
7. 5A
GAUGE
NO. 2
(*21)
(*22)
AF10
+B
EFII
EFIO
GND
LIN1
F45
ID Code Box
F65(A), F66(B)
Junction Connector
F93
Junction Connector
F92
Junction Connector
F3
*21 : Before Mar. 2012 Production
*22 : From Mar. 2012 Production
*26 : Before Aug. 2013 Production
*27 : From Aug. 2013 Production

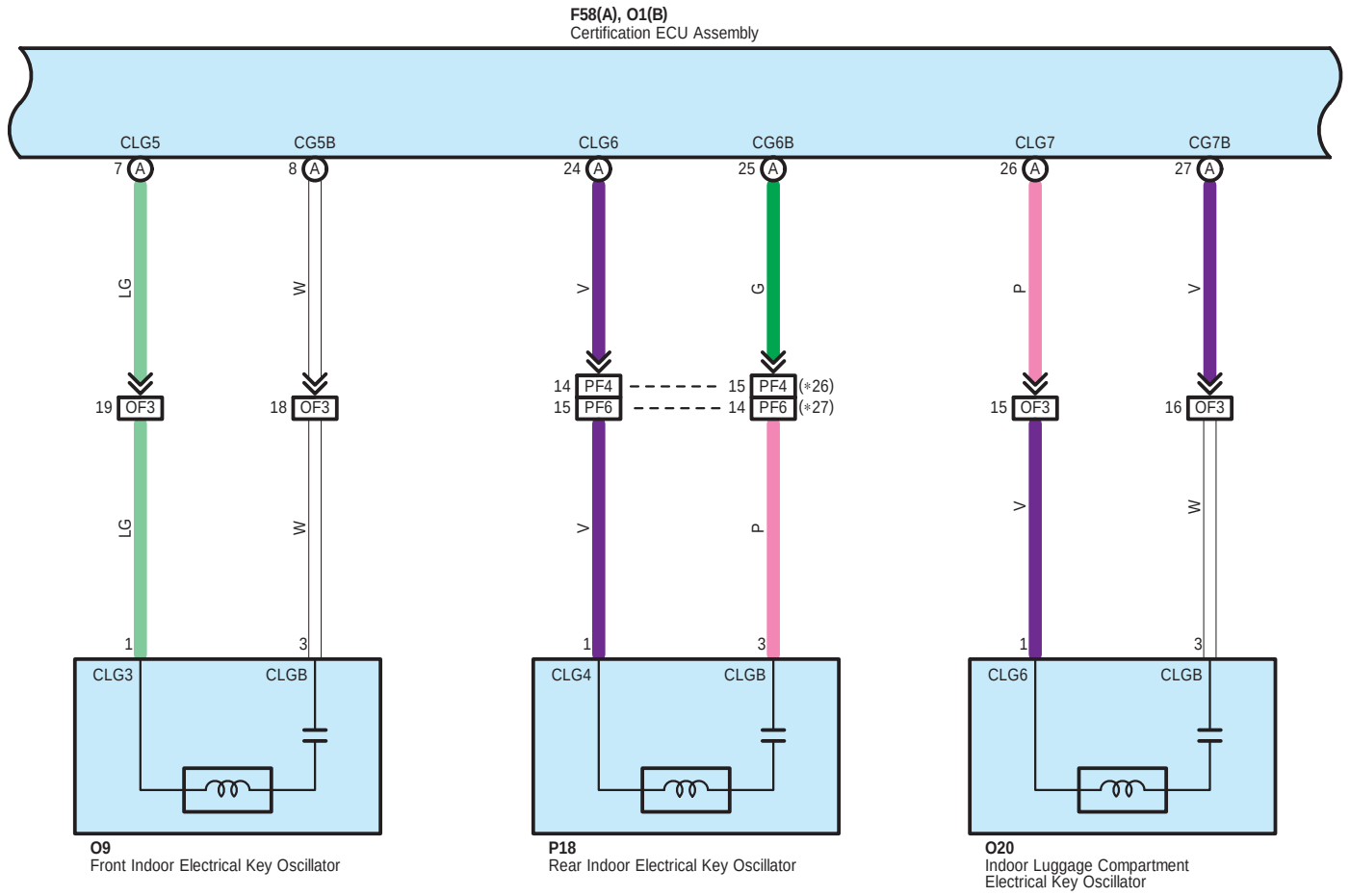

A81(C), F97(A), F98(B)
Power Management Control ECU
P2
E1
E12
SPDI
15 A
6 A
4 B
14 A
(IG)
10A
ECU
IG2
48 2A
R
BR
W–B
L
11
P2
37
F93
Junction
Connector
57
F31
Shift Lock Control
ECU Sub–Assembly
P
(*22)
LG
P
(*22)
A76(A), A110(C), D1(B)
ECM
NE–
NE+
CANL
CANH
77 B
76 B
25 A
12 A
(*26)
25 C
12 C
(*27)
(Shielded)
G
R
L
G
2
D21
Crank Position
Sensor
1
W–B
G
L
V
V
BR
W–B
LG
1
3
8
W–B
W–B
F92
Junction
Connector
D2
F3


A81(C), F97(A), F98(B)
Power Management Control ECU
F58(A), O1(B)
Certification ECU Assembly
CA1H
CA1L
SSW1
SSW2
INDW
INDS
SWIL
AGND
TXCT
CODE
VC5
LIN
25 B
24 B
7 A
17 B
9 A
8 A
11 A
36 A
12 A
13 A
28 A
29 A
LG
R
LG
B
Y
V
G
BR
L
W
R
V
7
2
13
12
11
8
9
10
14
SS1
SS2
INDW
INDS
SWIL
AGND
TXCT
CODE
VC5
SS1
SS2
GND
Free
Full Traveling
Antenna Coil
GND
5
F22
Power Switch
W–B
20
F93
Junction Connector
49
W–B
R
LG
G
L
V
G
L
LG
LG
W–B

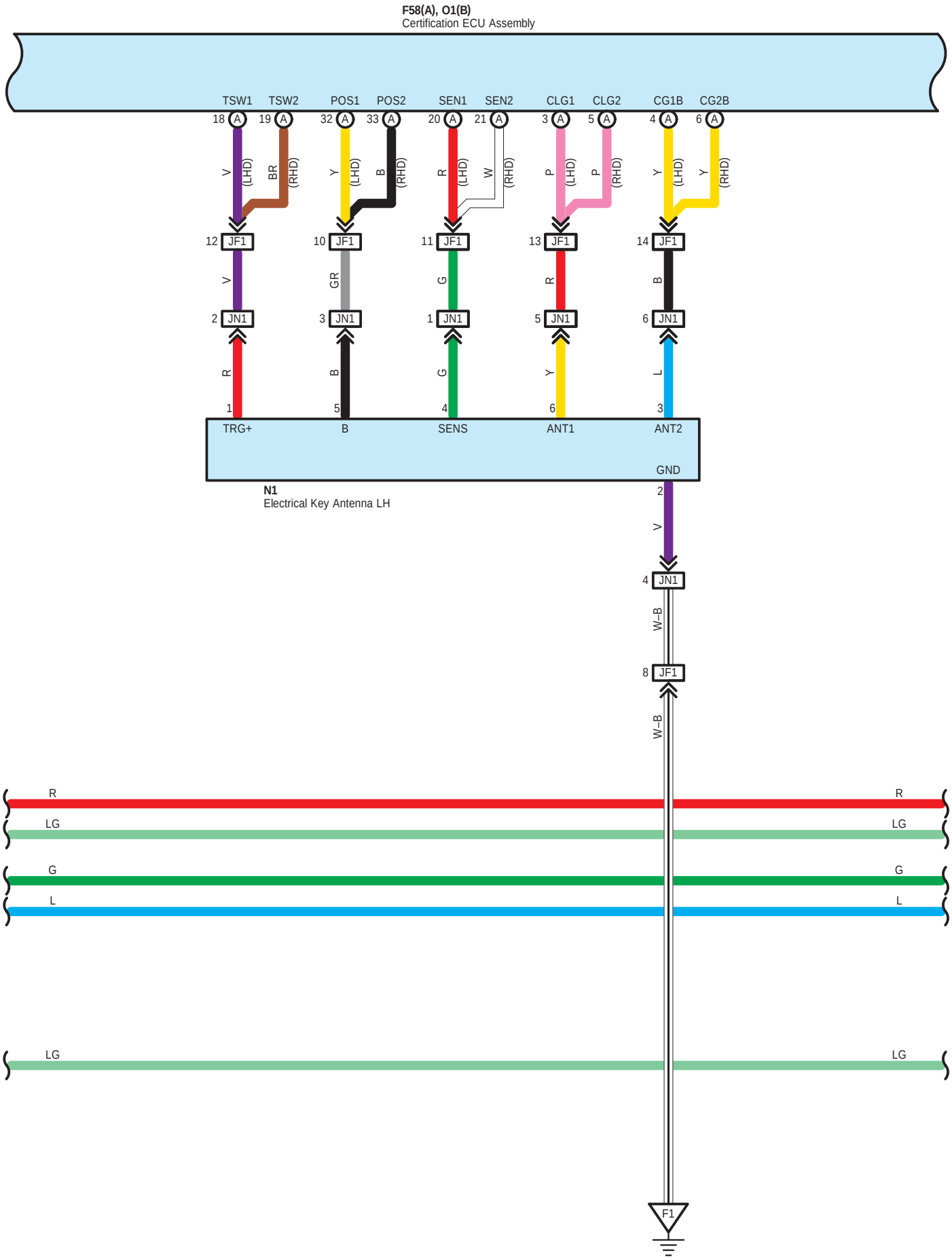


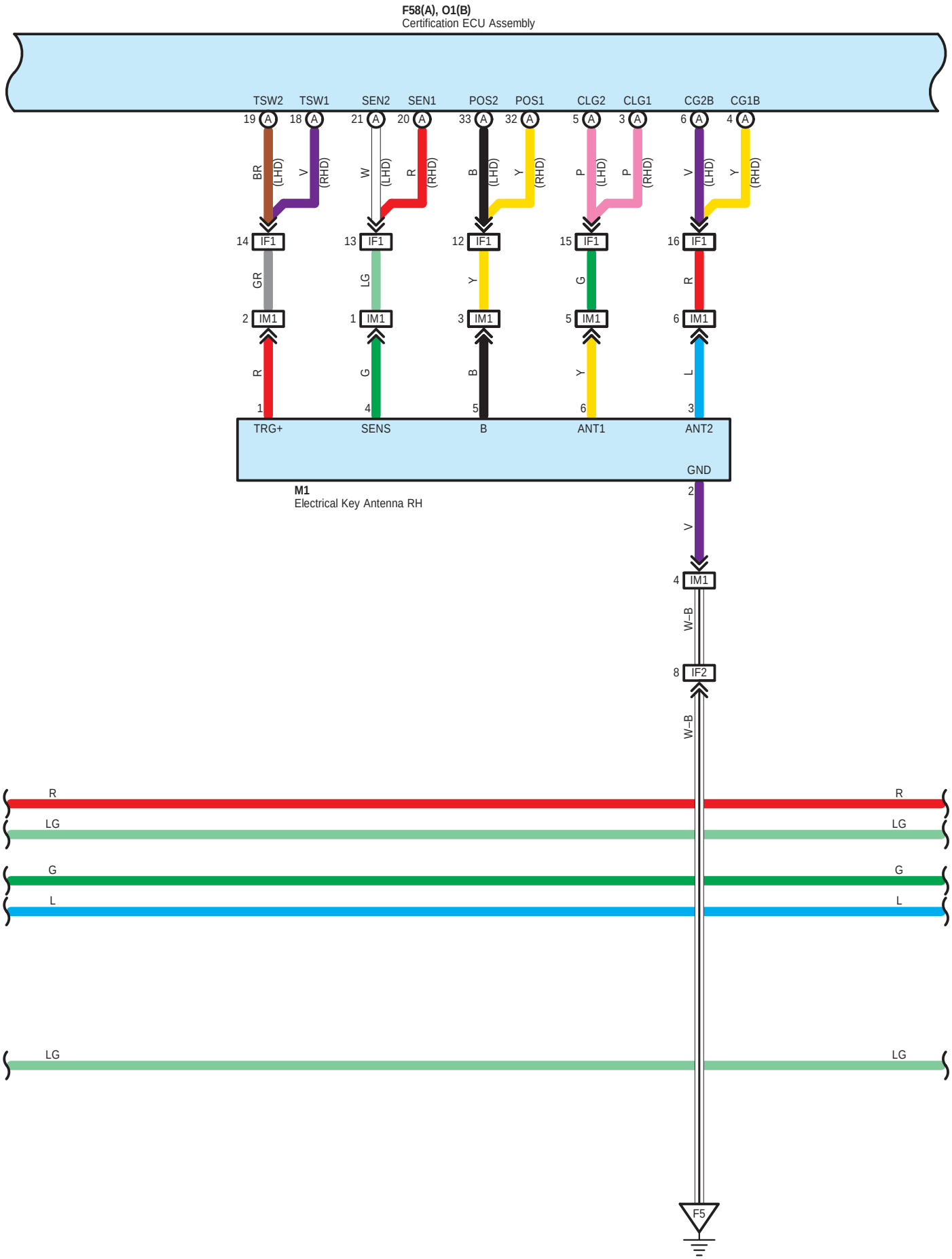
*21 : Before Mar. 2012 Production
*22 : From Mar. 2012 Production

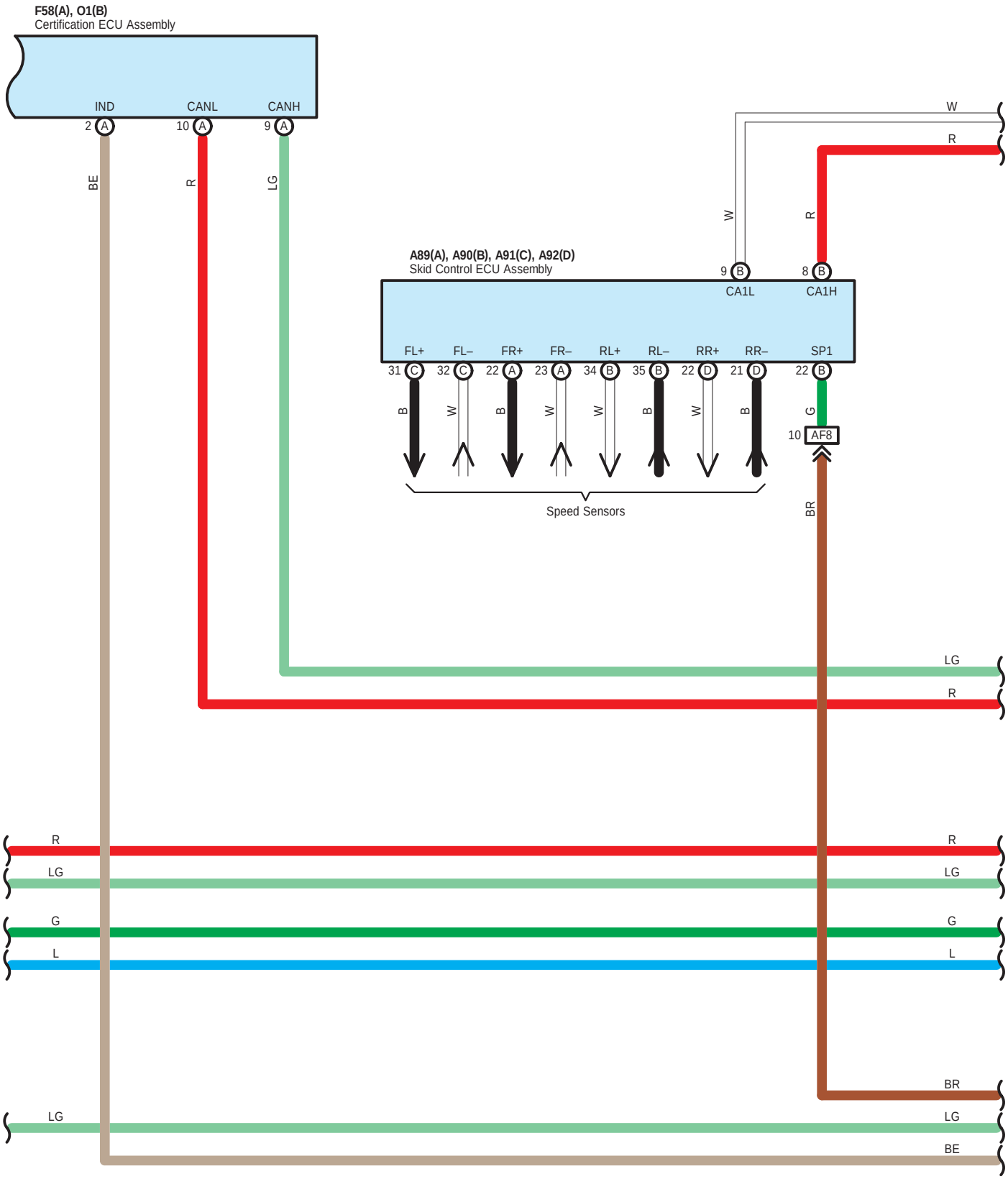

F58(A), O1(B)
Certification ECU Assembly
E
TSW5
TSW6
RCO
RDA
RSSI
CLG8
CG8B
15 A
22 A
23 A
5 B
15 B
16 B
19 B
20 B
W–B
L
(*15)
P
Y
R
V
5 A
14 B
F65(A), F66(B)
Junction Connector
16 PF4
17 PF6
13 PF4 (*26)
11 PF6 (*27)
GR
8 YP1
14 YP1
LG
3 UL
1 L
Open
Lock
E
Y11
Back Door Opener Switch Assembly
2
4 +5
5 DATA
2 RSSI
GND
1
O22
Door Control Receiver
3 VO1
7 VO2
2 VO1 (*21)
6 VO2 (*22)
1 CLG5
2 CLGB
V1
Outside Luggage
Electrical Key Antenna
*15 : w/o Power Back Door
*21 : Before Mar. 2012 Production
*22 : From Mar. 2012 Production
*26 : Before Aug. 2013 Production
*27 : From Aug. 2013 Production
G
5 F92
Junction
Connector
1 Y23
Junction
Connector
W–B
8
3 O31
Junction
Connector
F3
Y1
O3
O2

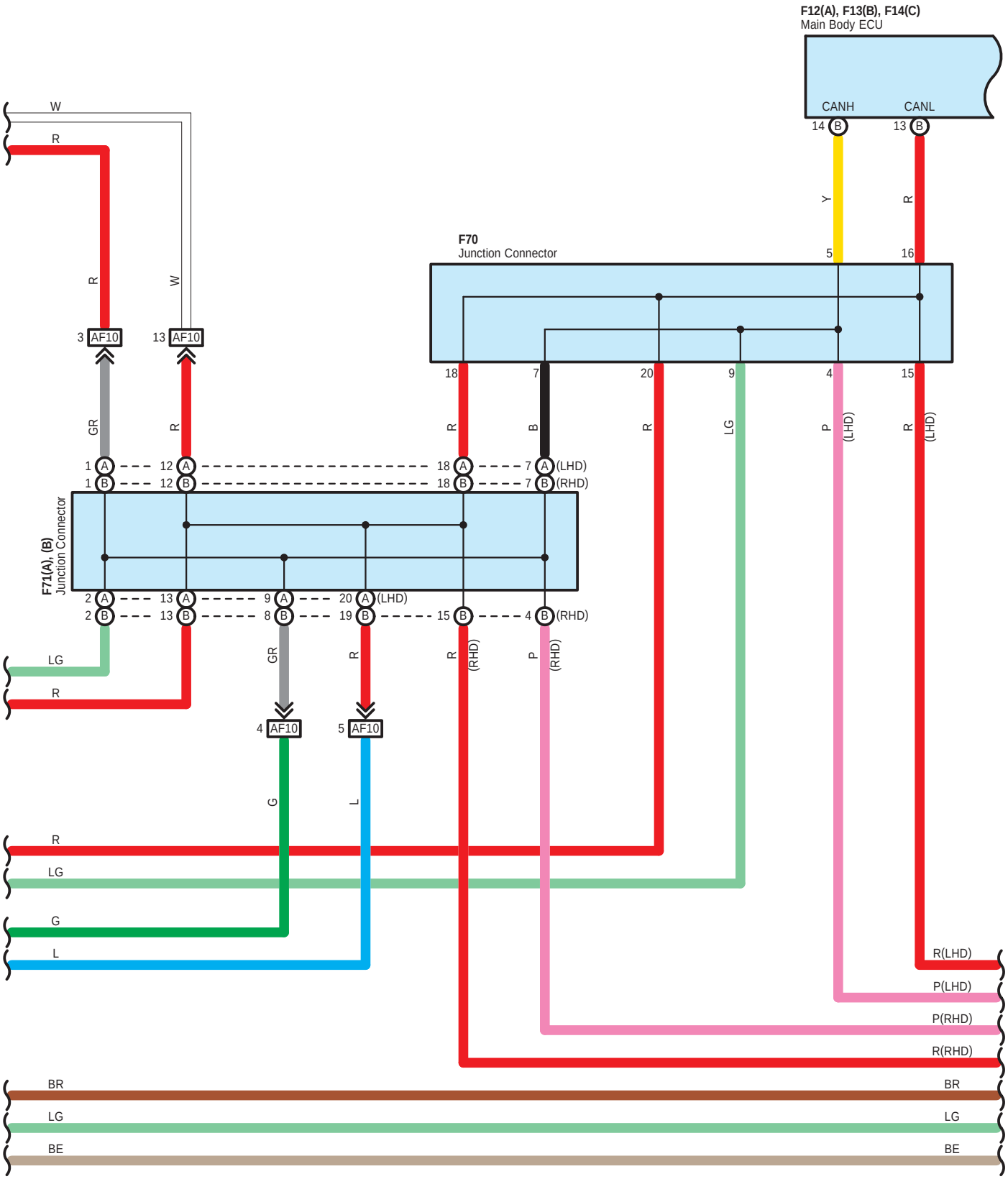

F58(A), O1(B)
Certification ECU Assembly
CLG5
CG5B
CLG6
CG6B
CLG7
CG7B
7 A
8 A
24 A
25 A
26 A
27 A
LG
W
V
G
P
V
19 OF3
18 OF3
14 PF4
15 PF6
15 PF4 (*26)
14 PF6 (*27)
15 OF3
16 OF3
LG
W
V
P
V
W
1
3
1
3
1
3
CLG3
CLGB
CLG4
CLGB
CLG6
CLGB
O9
Front Indoor Electrical Key Oscillator
P18
Rear Indoor Electrical Key Oscillator
O20
Indoor Luggage Compartment
Electrical Key Oscillator

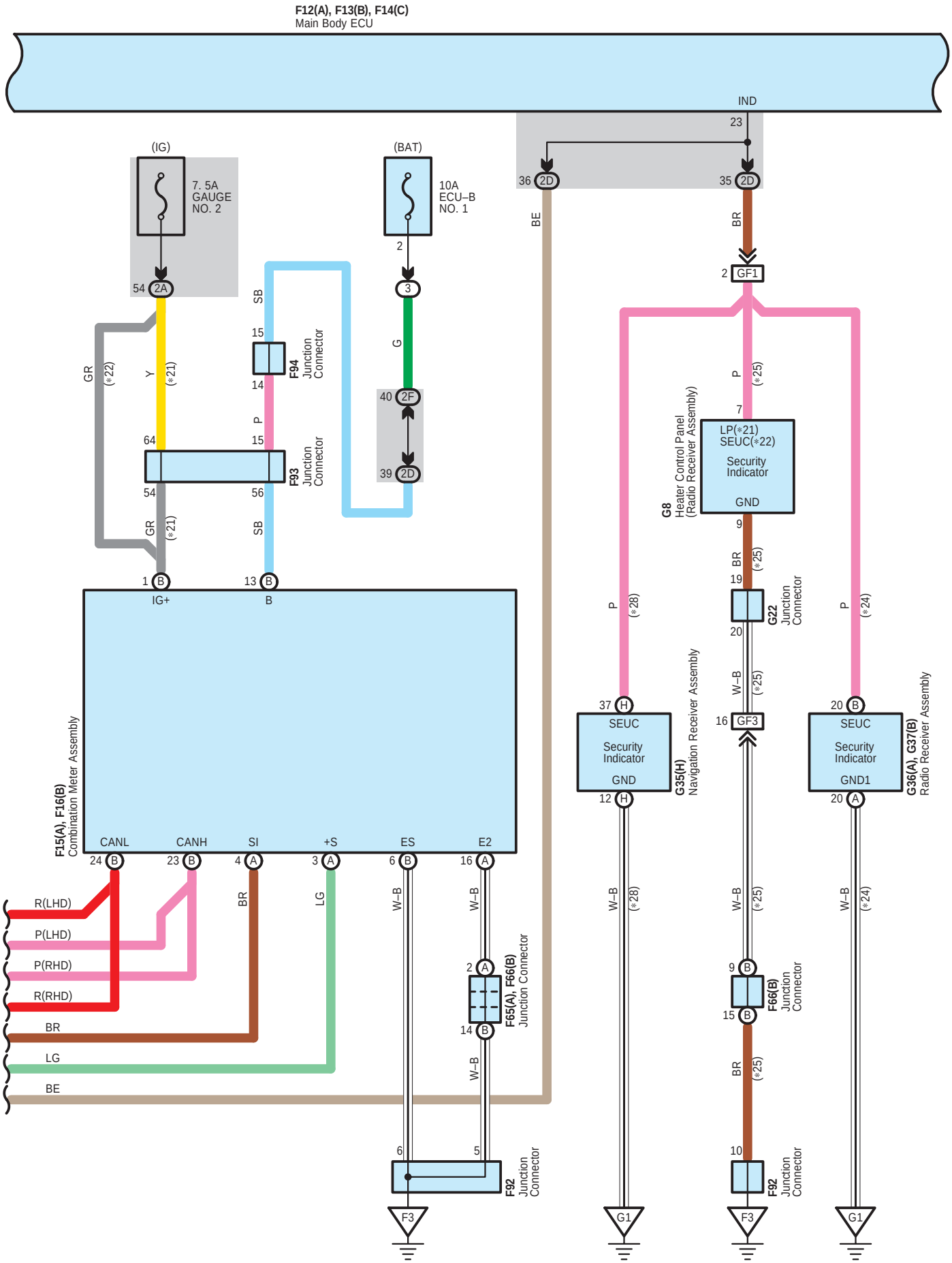
R
R
LG
LG
G
G
L
L
LG
LG

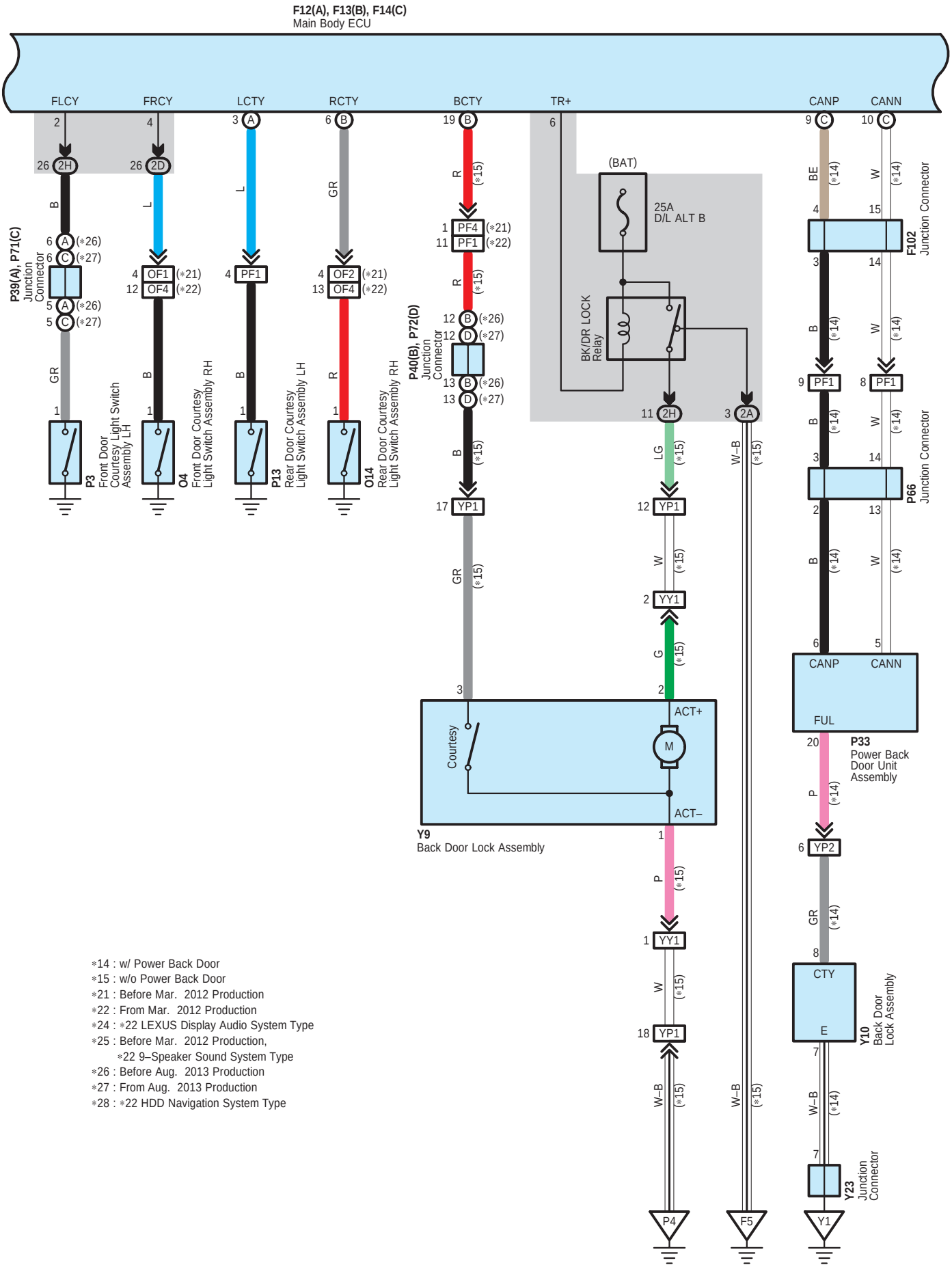

F58(A), O1(B)
Certification ECU Assembly
TSW1
TSW2
POS1
POS2
SEN1
SEN2
CLG1
CLG2
CG1B
CG2B
18 A
19 A
32 A
33 A
20 A
21 A
3 A
5 A
4 A
6 A
V (LHD)
BR (RHD)
Y (LHD)
B (RHD)
R (LHD)
W (RHD)
P (LHD)
P (RHD)
Y (LHD)
Y (RHD)
12 JF1
10 JF1
11 JF1
13 JF1
14 JF1
V
GR
G
R
B
2 JN1
3 JN1
1 JN1
5 JN1
6 JN1
R
B
G
Y
L
1
5
4
6
3
TRG+
B
SENS
ANT1
ANT2
GND
N1
Electrical Key Antenna LH
2
V
4 JN1
W–B
8 JF1
W–B
R
LG
G
L
R
LG
G
L
LG
LG
F1


F58(A), O1(B)
Certification ECU Assembly
TSW2
TSW1
SEN2
SEN1
POS2
POS1
CLG2
CLG1
CG2B
CG1B
19 A
18 A
21 A
20 A
33 A
32 A
5 A
3 A
6 A
4 A
BR (LHD)
V (RHD)
W (LHD)
R (RHD)
B (LHD)
Y (RHD)
P (LHD)
P (RHD)
V (LHD)
Y (RHD)
14 IF1
13 IF1
12 IF1
15 IF1
16 IF1
GR
LG
Y
G
R
2 IM1
1 IM1
3 IM1
5 IM1
6 IM1
R
G
B
Y
L
1
4
5
6
3
TRG+
SENS
B
ANT1
ANT2
GND
M1
Electrical Key Antenna RH
2
V
4 IM1
W–B
8 IF2
W–B
R
LG
G
L
LG
F5

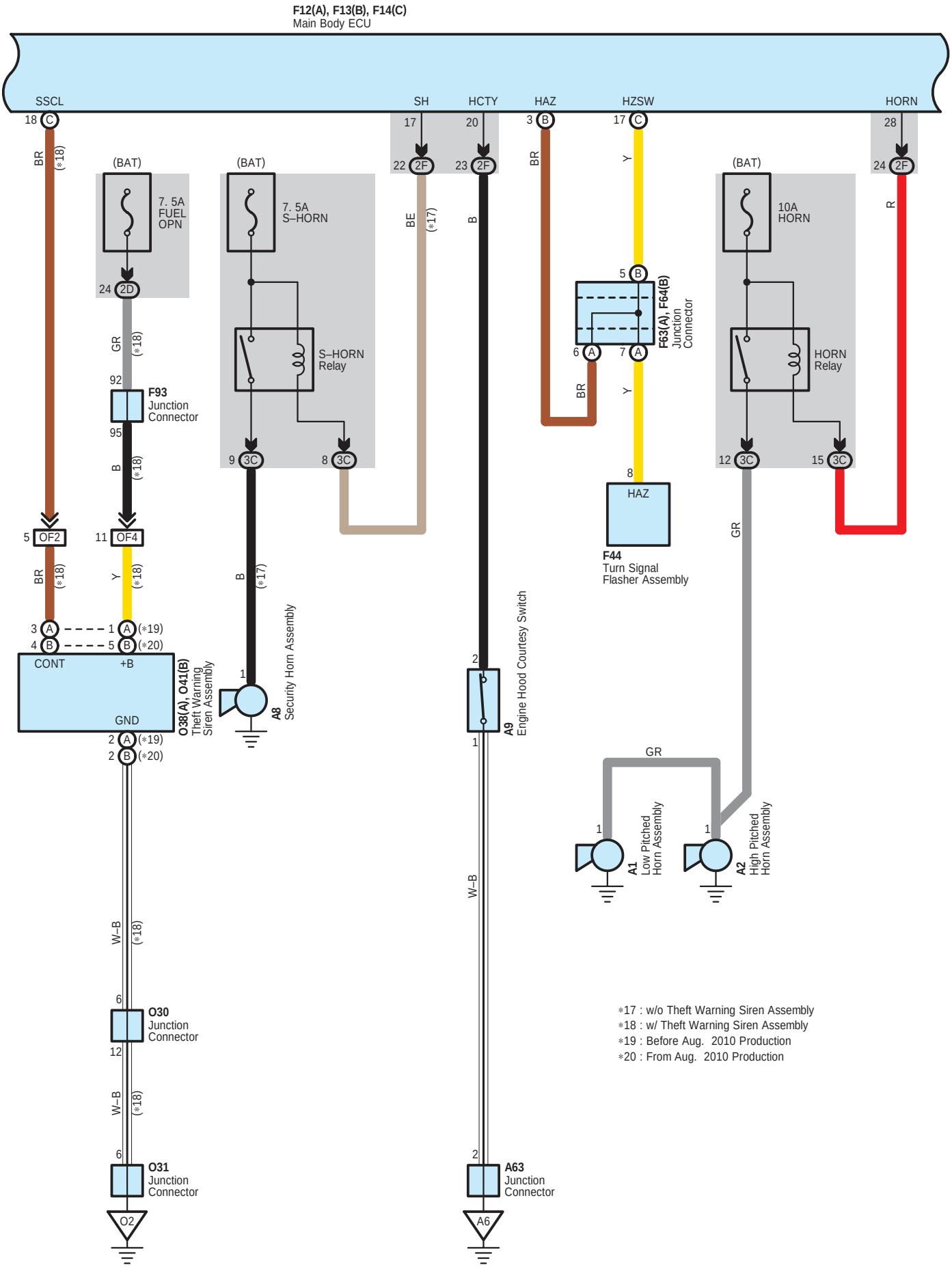

F58(A), O1(B)
Certification ECU Assembly
IND
CANL
CANH
2 A
10 A
9 A
BE
R
LG
A89(A), A90(B), A91(C), A92(D)
Skid Control ECU Assembly
9 B
8 B
CA1L
CA1H
W
R
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
SP1
31 C
32 C
22 A
23 A
34 B
35 B
22 D
21 D
22 B
B
W
B
W
W
B
W
B
G
10 AF8
Speed Sensors
BR
LG
R
R
LG
G
L
BR
LG
BE

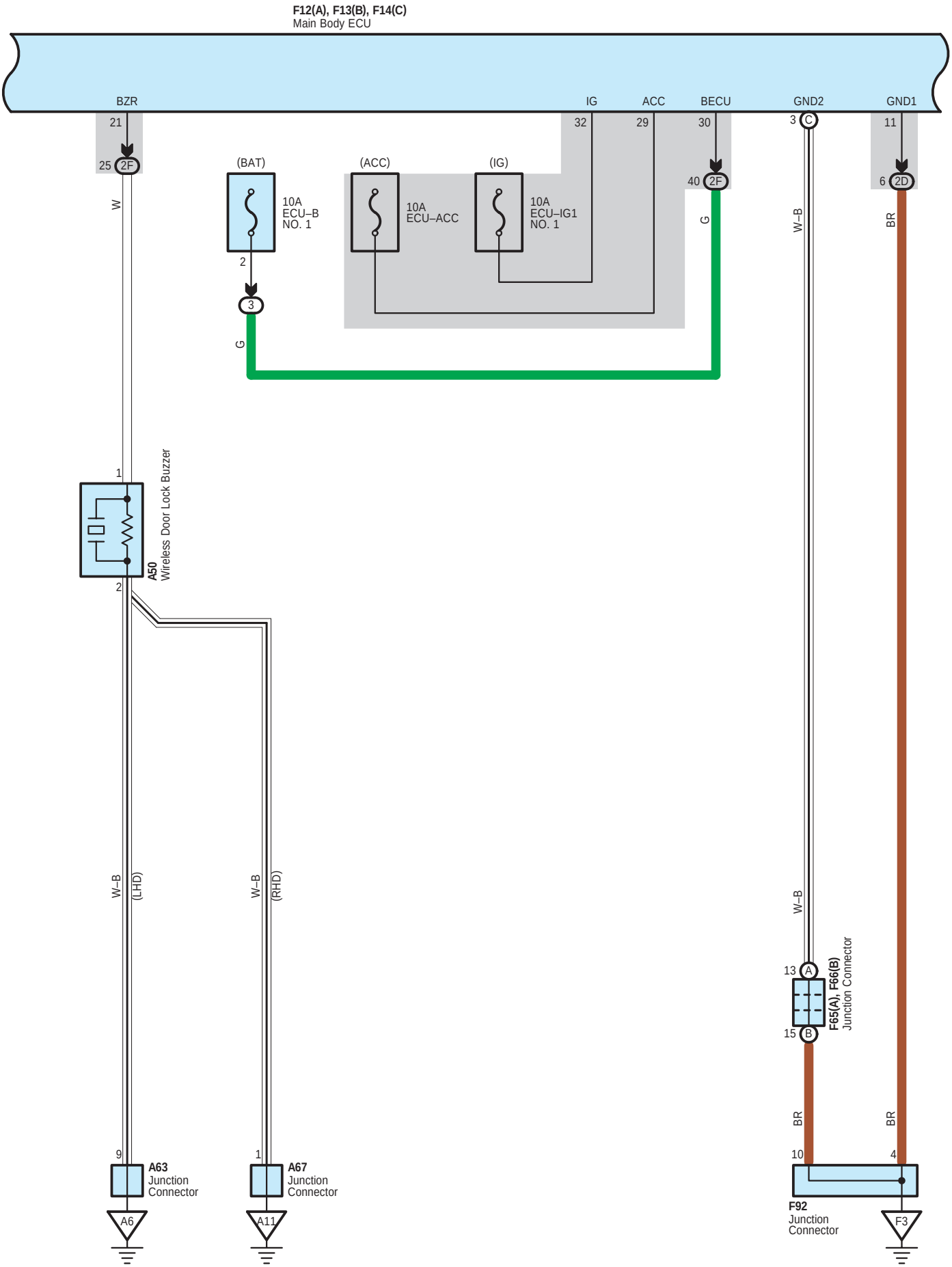

F12(A), F13(B), F14(C)
Main Body ECU
CANH
CANL
14 B
13 B
Y
R
F70
Junction Connector
5
16
W
R
3 AF10
13 AF10
GR
R
18
7
20
9
4
15
B
LG
P
(LHD)
1 A
12 A
18 A
7 A (LHD)
1 B
12 B
18 B
7 B (RHD)
F71(A), (B)
Junction Connector
2 A
13 A
9 A
20 A (LHD)
2 B
13 B
8 B
19 B
15 B
4 B (RHD)
(RHD)
4 AF10
5 AF10
G
L
R(LHD)
P(LHD)
P(RHD)
R(RHD)
BR
LG
BE

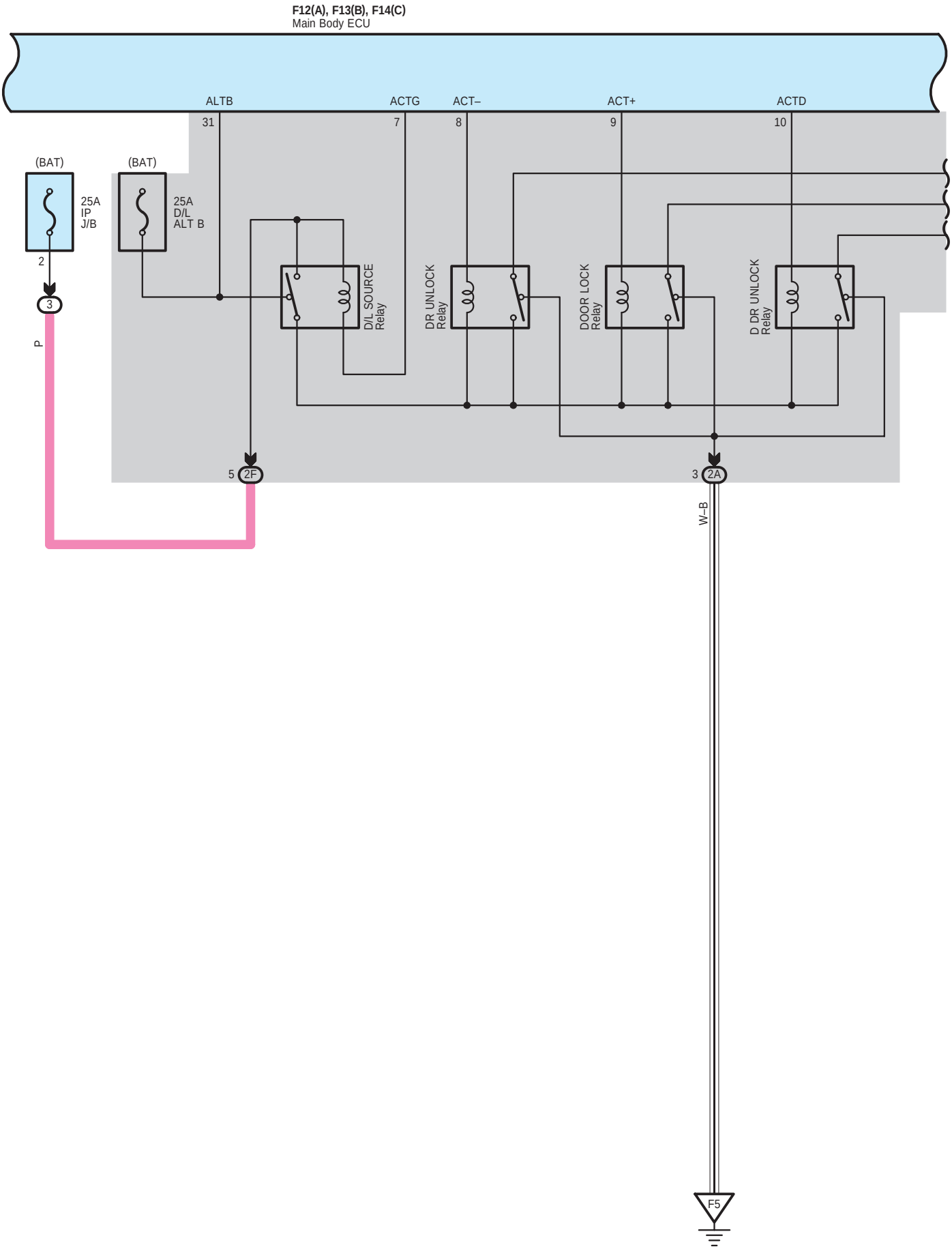

F12(A), F13(B), F14(C)
Main Body ECU
IND
23
36 2D
35 2D
BE
BR
2 GF1
(IG)
7. 5A
GAUGE
NO. 2
54 2A
(BAT)
10A
ECU–B
NO. 1
2
3
G
40 2F
39 2D
SB
15
14
F94
Junction
Connector
P
15
64
54
56
F93
Junction
Connector
GR
(*22)
Y
(*21)
GR
(*21)
SB
1 B
IG+
13 B
B
F15(A), F16(B)
Combination Meter Assembly
CANL
CANH
SI
+S
ES
E2
24 B
23 B
4 A
3 A
6 B
16 A
R(LHD)
P(LHD)
P(RHD)
R(RHD)
BR
LG
BE
W–B
2 A
14 B
F65(A), F66(B)
Junction Connector
6
5
F92
Junction
Connector
F3
P
(*25)
7
LP(*21)
SEUC(*22)
Security
Indicator
GND
G8
Heater Control Panel
(Radio Receiver Assembly)
9
BR
(*25)
19
20
G22
Junction
Connector
W–B
(*25)
16 GF3
9 B
15 B
F66(B)
Junction
Connector
BR
(*25)
10
F92
Junction
Connector
F3
P
(*28)
37 H
SEUC
Security
Indicator
GND
12 H
G35(H)
Navigation Receiver Assembly
W–B
(*28)
G1
P
(*24)
20 B
SEUC
Security
Indicator
GND1
20 A
G36(A), G37(B)
Radio Receiver Assembly
W–B
(*24)
G1

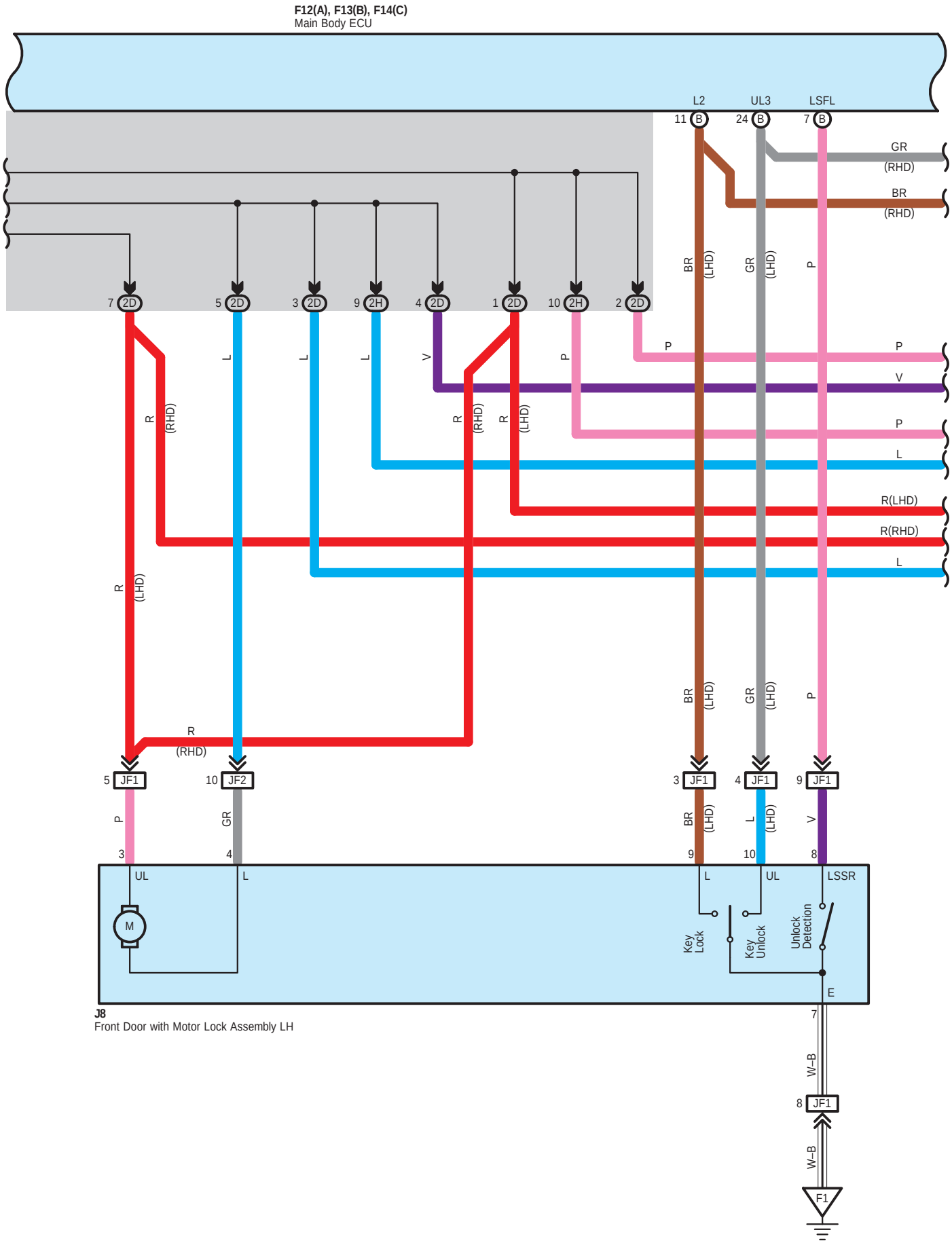


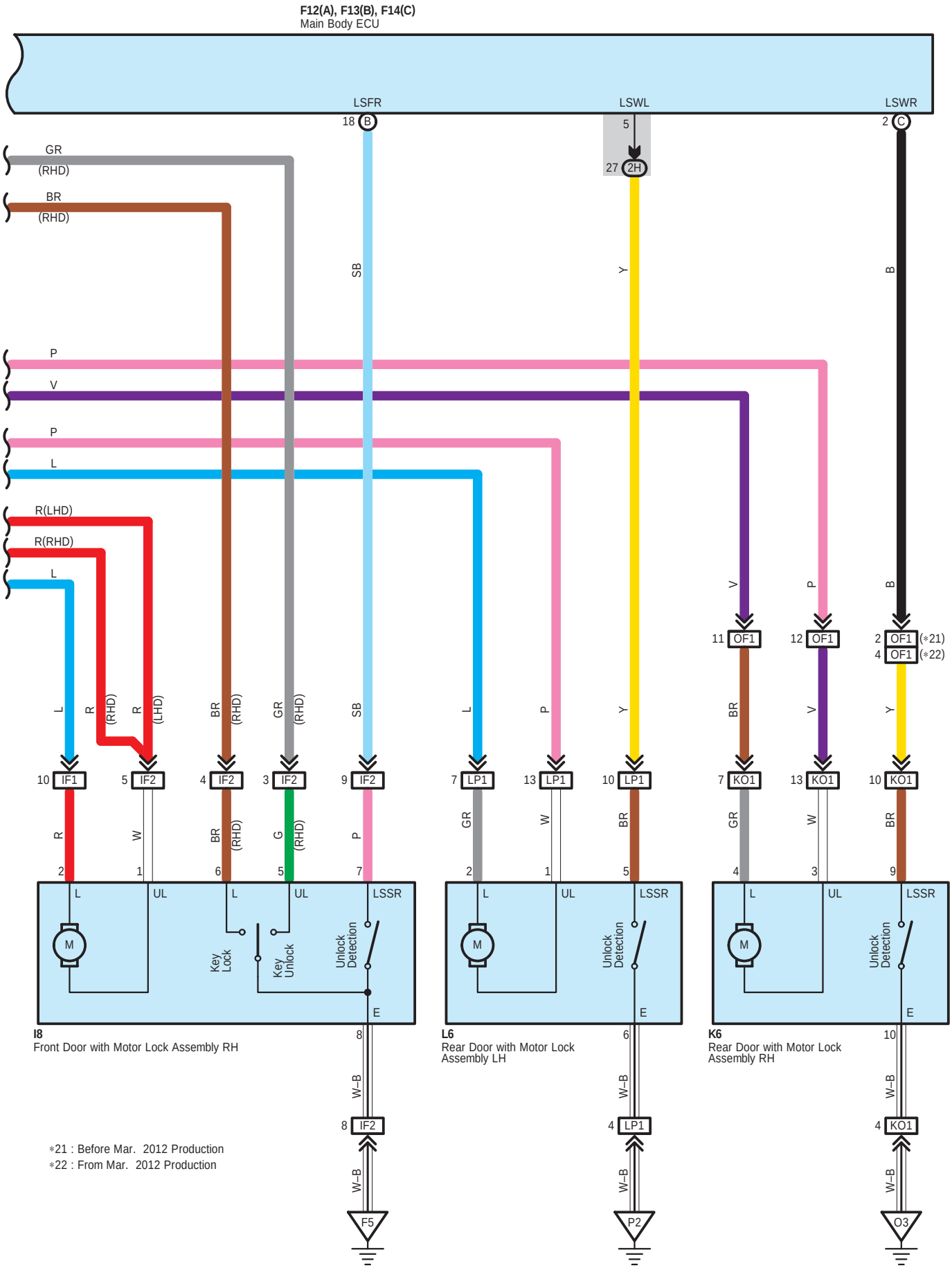
∗14 : w/ Power Back Door
∗15 : w/o Power Back Door
∗21 : Before Mar. 2012 Production
∗22 : From Mar. 2012 Production
∗24 : ∗22 LEXUS Display Audio System Type
∗25 : Before Mar. 2012 Production,
∗22 9–Speaker Sound System Type
∗26 : Before Aug. 2013 Production
∗27 : From Aug. 2013 Production
∗28 : ∗22 HDD Navigation System Type


F12(A), F13(B), F14(C)
Main Body ECU
SSCL
SH
HCTY
HAZ
HZSW
HORN
(BAT)
7. 5A
FUEL
OPN
7. 5A
S–HORN
S–HORN
Relay
10A
HORN
HORN
Relay
F93
Junction
Connector
F63(A), F64(B)
Junction
Connector
F44
Turn Signal
Flasher Assembly
HAZ
OF2
OF4
CONT
+B
GND
O38(A), O41(B)
Theft Warning
Siren Assembly
A8
Security Horn Assembly
A9
Engine Hood Courtesy Switch
A1
Low Pitched
Horn Assembly
A2
High Pitched
Horn Assembly
O30
Junction
Connector
O31
Junction
Connector
A63
Junction
Connector
O2
A6
∗17 : w/o Theft Warning Siren Assembly
∗18 : w/ Theft Warning Siren Assembly
∗19 : Before Aug. 2010 Production
∗20 : From Aug. 2010 Production

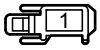

F12(A), F13(B), F14(C)
Main Body ECU
BZR
IG
ACC
BECU
GND2
GND1
21
25 2F
32
29
30
40 2F
3 C
11
6 2D
(BAT)
(ACC)
(IG)
10A
ECU–B
NO. 1
10A
ECU–ACC
10A
ECU–IG1
NO. 1
2
3
W
G
G
W–B
BR
1
2
A50
Wireless Door Lock Buzzer
W–B
(LHD)
W–B
(RHD)
W–B
13 A
15 B
F65(A), F66(B)
Junction Connector
BR
BR
9
1
10
4
A63
Junction
Connector
A67
Junction
Connector
F92
Junction
Connector
A6
A11
F3


F12(A), F13(B), F14(C)
Main Body ECU
ALTB
ACTG
ACT–
ACT+
ACTD
31
7
8
9
10
(BAT)
(BAT)
25A
IP
J/B
25A
D/L
ALT B
2
3
P
D/L SOURCE
Relay
DR UNLOCK
Relay
DOOR LOCK
Relay
D DR UNLOCK
Relay
5
2F
3
2A
W–B
F5


F12(A), F13(B), F14(C)
Main Body ECU
L2
UL3
LSFL
11 B
24 B
7 B
GR
(RHD)
BR
(RHD)
BR (LHD)
GR (LHD)
P
7 2D
5 2D
3 2D
9 2H
4 2D
1 2D
10 2H
2 2D
P
V
P
L
R(LHD)
R(RHD)
L
R (RHD)
R (LHD)
5 JF1
10 JF2
3 JF1
4 JF1
9 JF1
P
GR
BR (LHD)
L (LHD)
V
3
4
9
10
8
UL
L
L
UL
LSSR
M
Key Lock
Key Unlock
Unlock Detection
E
J8
Front Door with Motor Lock Assembly LH
7
W–B
8 JF1
W–B
F1


F12(A), F13(B), F14(C)
Main Body ECU
LSFR
LSWL
LSWR
18 B
5
27 2H
2 C
GR
(RHD)
BR
(RHD)
SB
Y
B
P
V
P
L
R(LHD)
R(RHD)
L
V
P
B
11 OF1
12 OF1
2 OF1 (*21)
4 OF1 (*22)
L
R (RHD)
R (LHD)
BR (RHD)
GR (RHD)
SB
L
P
Y
BR
V
Y
10 IF1
5 IF2
4 IF2
3 IF2
9 IF2
7 LP1
13 LP1
10 LP1
7 KO1
13 KO1
10 KO1
R
W
BR (RHD)
G (RHD)
P
GR
W
BR
GR
W
BR
2
1
6
5
7
2
1
5
4
3
9
L
UL
L
UL
LSSR
M
Key Lock
Key Unlock
Unlock Detection
E
I8
Front Door with Motor Lock Assembly RH
8
W–B
8 IF2
W–B
F5
L6
Rear Door with Motor Lock Assembly LH
6
W–B
4 LP1
W–B
P2
K6
Rear Door with Motor Lock Assembly RH
10
W–B
4 KO1
W–B
O3
*21 : Before Mar. 2012 Production
*22 : From Mar. 2012 Production

A 1
Black



A 2
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A 8
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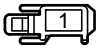

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A 47
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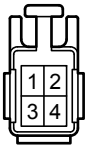

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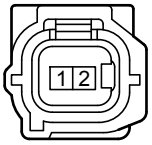

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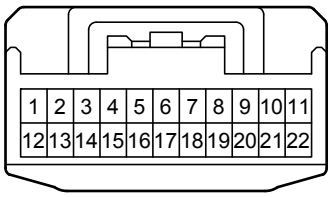

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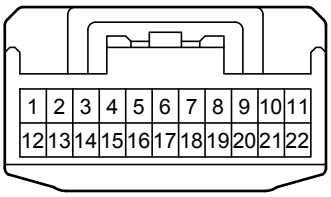

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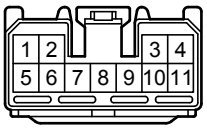

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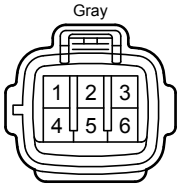

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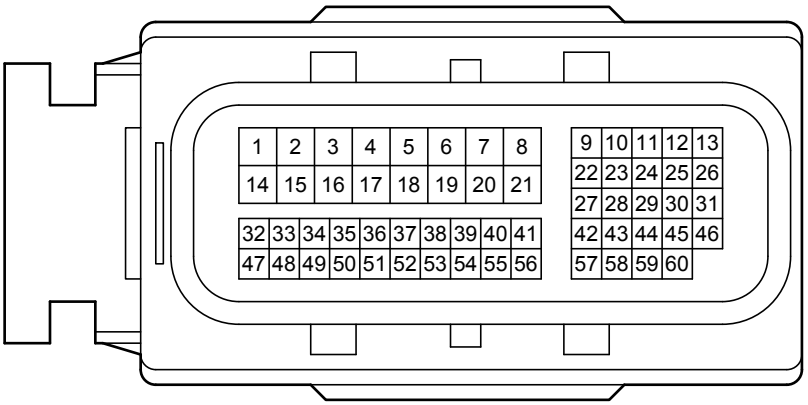

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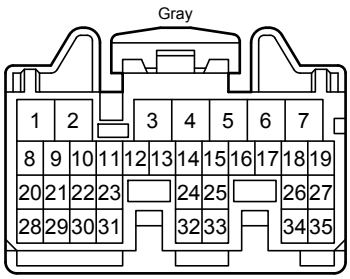

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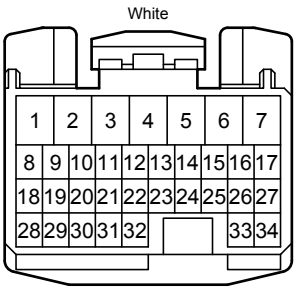

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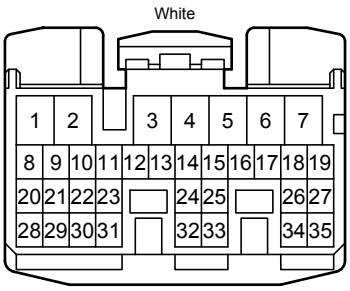

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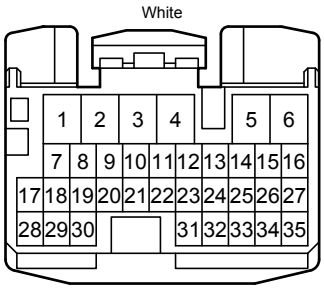

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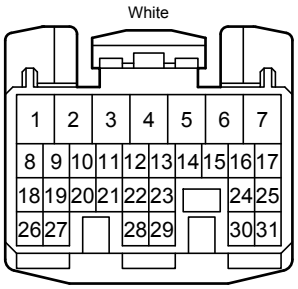

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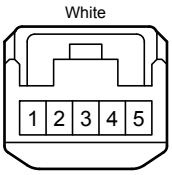

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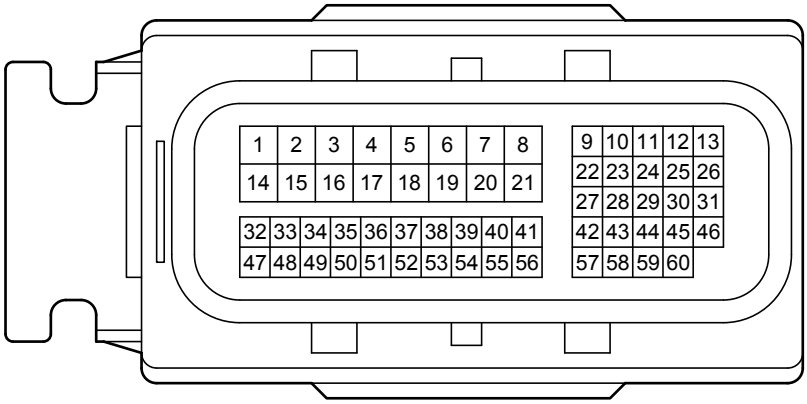

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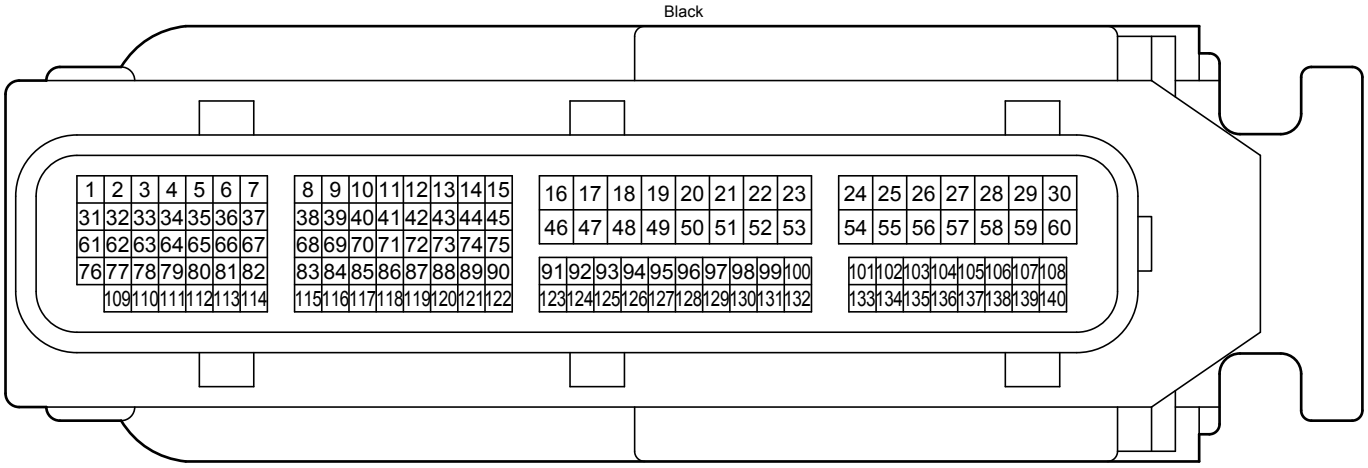

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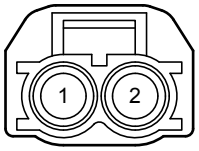

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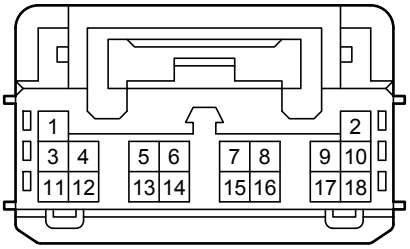

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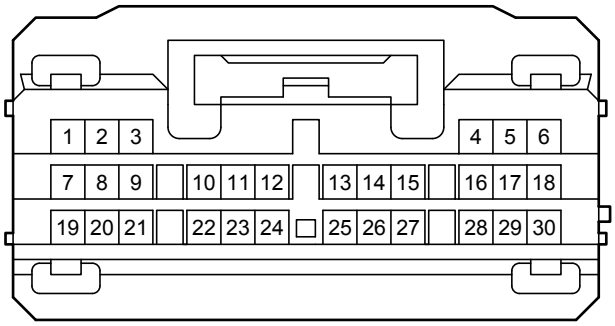

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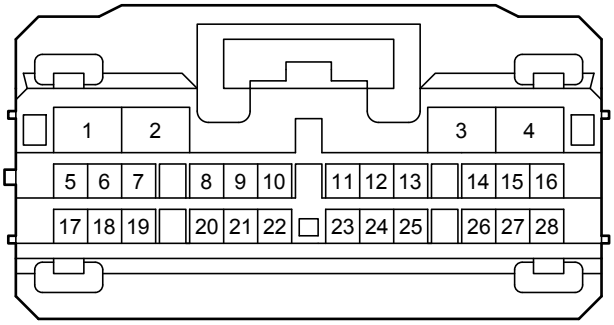

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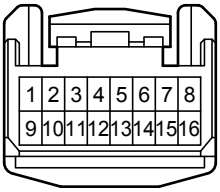

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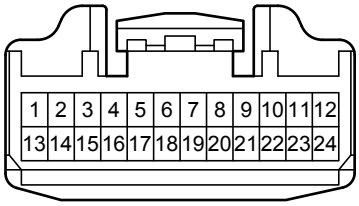

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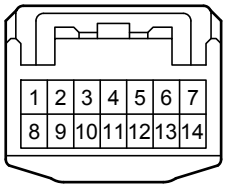

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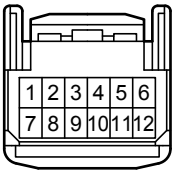

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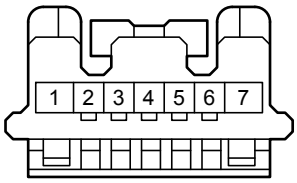

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F 45
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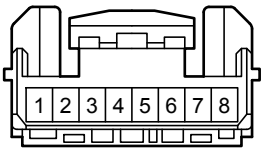

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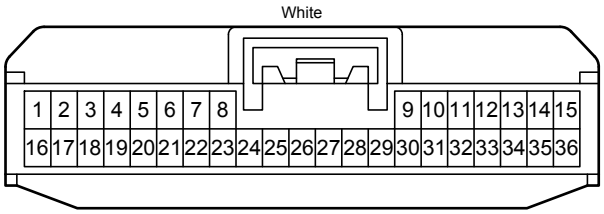

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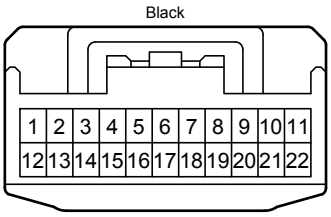

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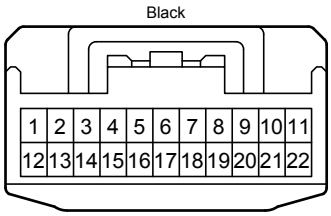

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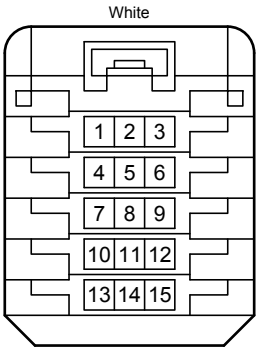

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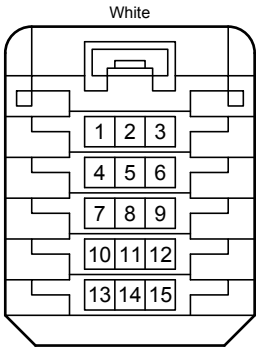

F 70
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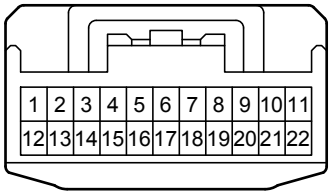

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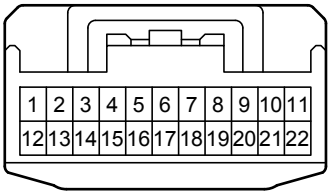

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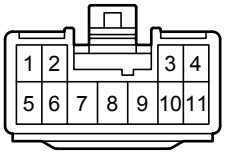

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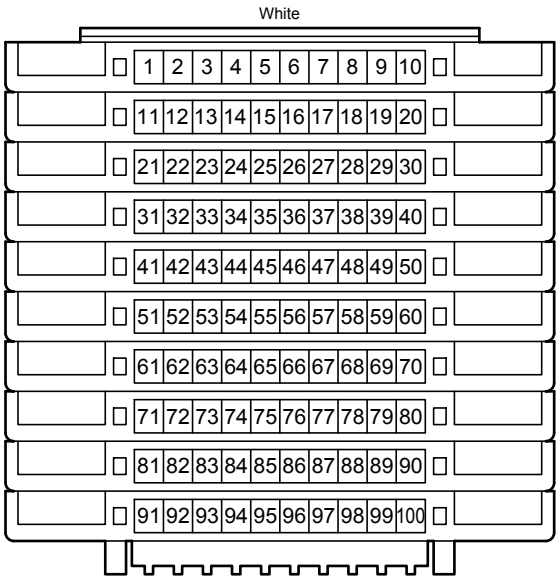

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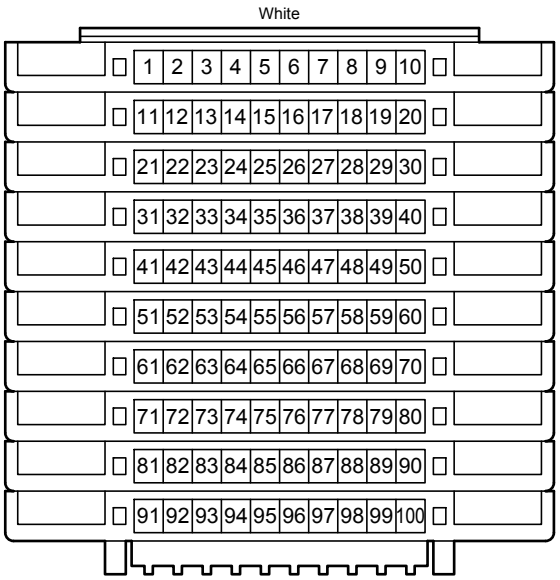

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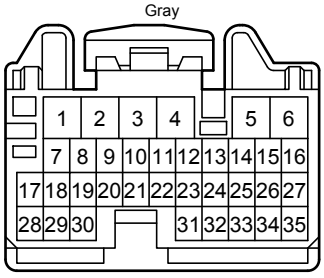

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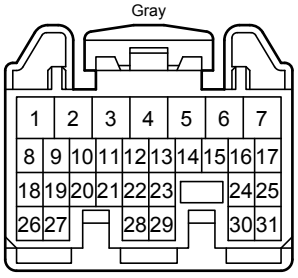

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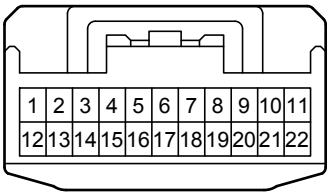

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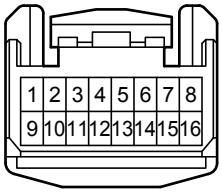

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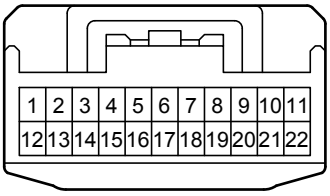

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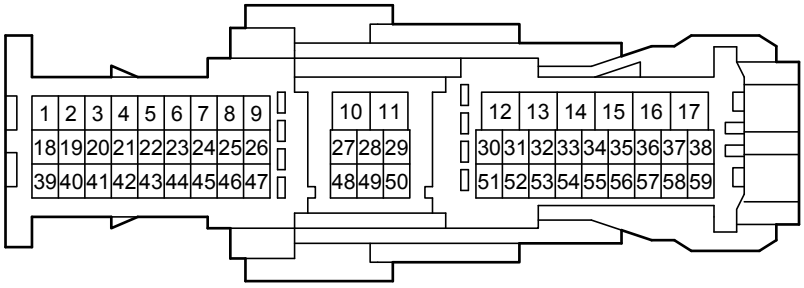

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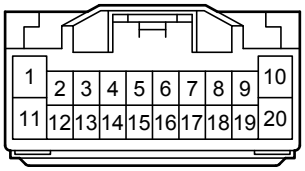

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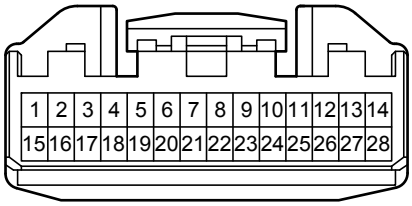

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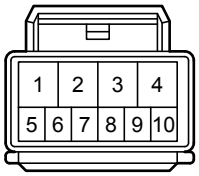

J 8
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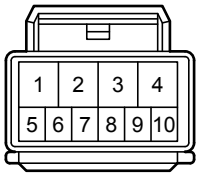

K 6
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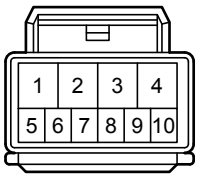

L 6
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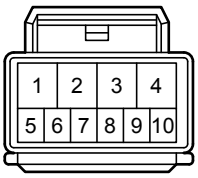
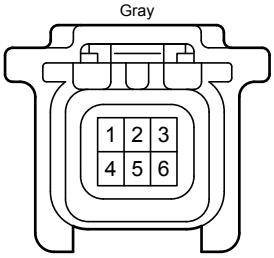


M 1
Gray



N 1
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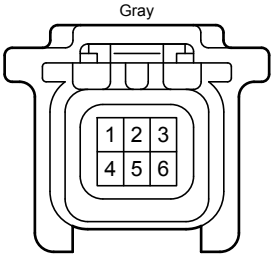

O 1
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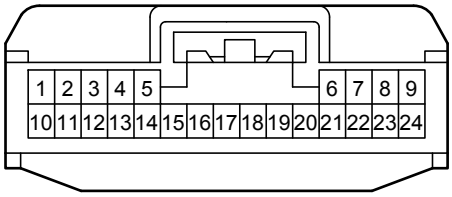

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O 9
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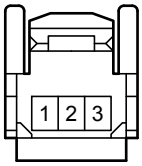

O 14
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O 20
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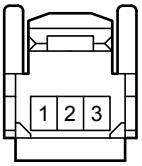

O 22
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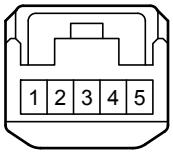
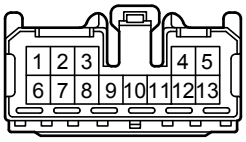
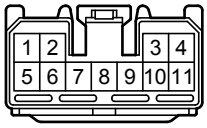


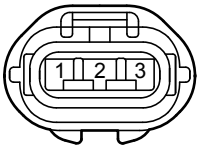
O 30
Black



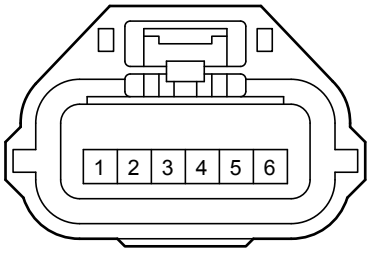
O 31
White



O 38
Black



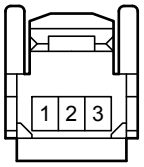
O 41
Black



P 3
White

P 13
White

P 18
White



P 33
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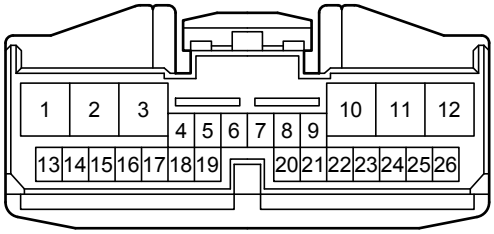
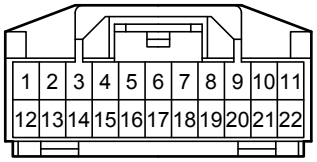
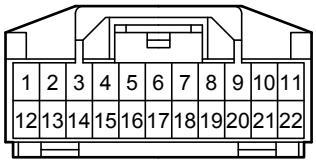


P 39
Blue



P 40
Blue



P 66
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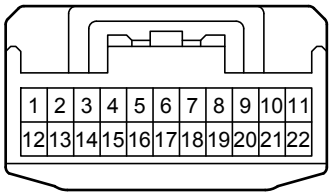
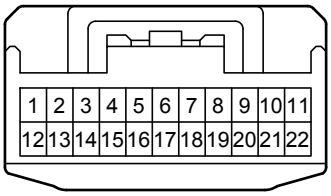
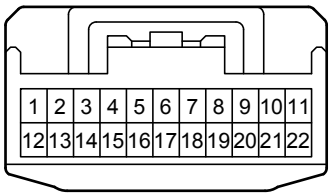


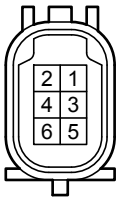
P 71
Blue



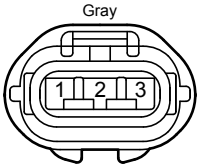
P 72
Blue



V 1
White



Y 9
Gray



Y 10
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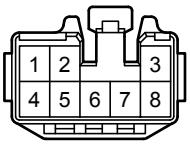

Y 11
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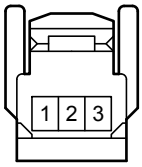

Y 23
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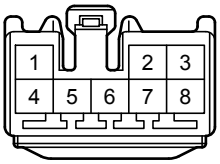

2A
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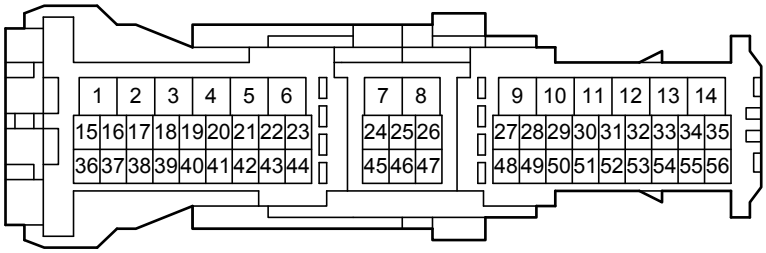

2D
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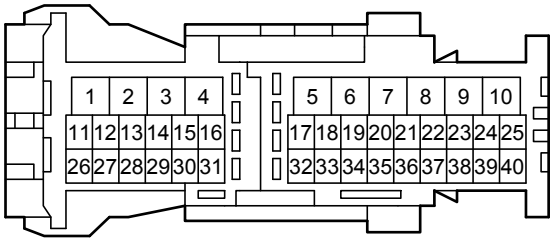
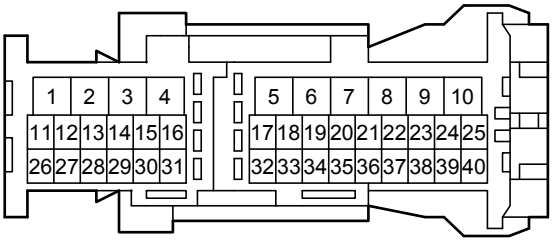
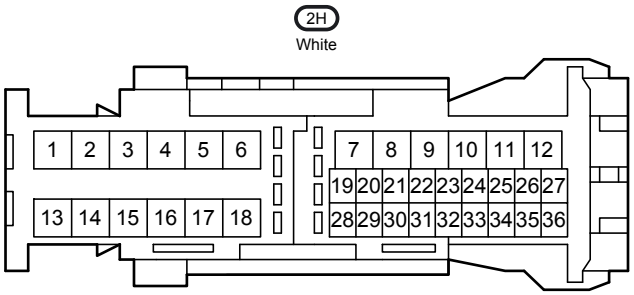


2F
White




2H
White
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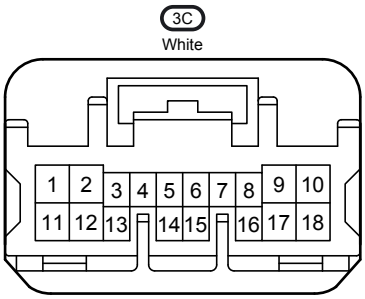
13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
28 29 30 31 32 33 34 35 36


3C
White
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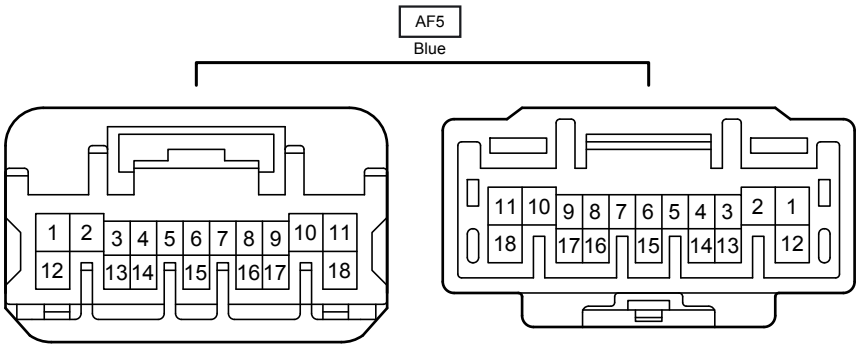
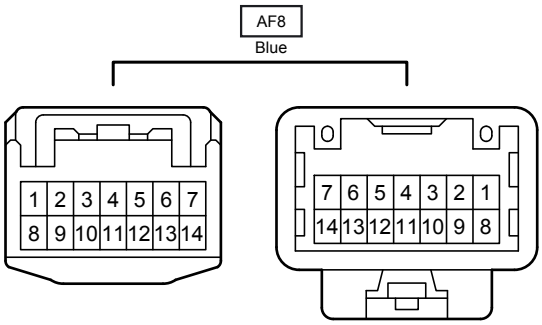
11 12 13 14 15 16 17 18


AF5
Blue
1 2 3 4 5 6 7 8 9 10 11
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


AF8
Blue
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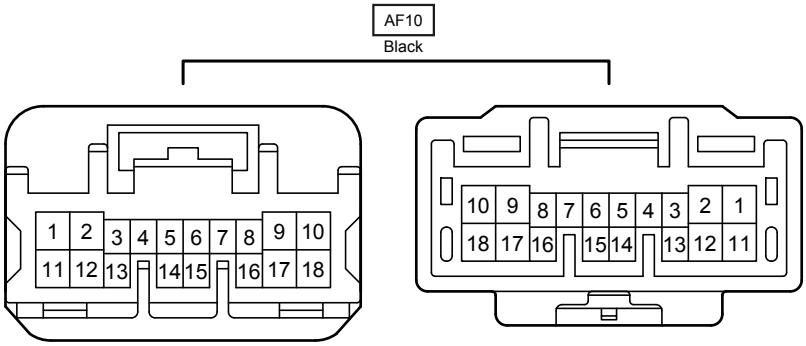
8 9 10 11 12 13 14
7 6 5 4 3 2 1
14 13 12 11 10 9 8


AF10
Black
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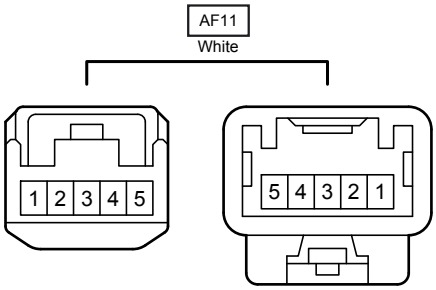
11 12 13 14 15 16 17 18
10 9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11


AF11
White
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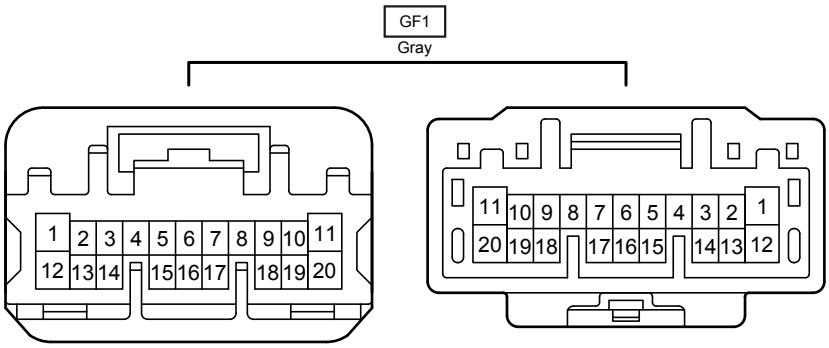
5 4 3 2 1


GF1
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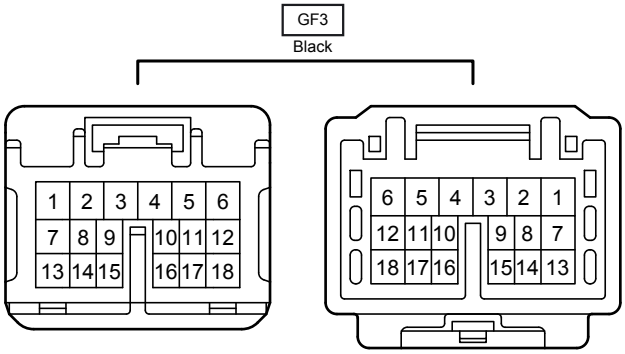
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12


GF3
Black
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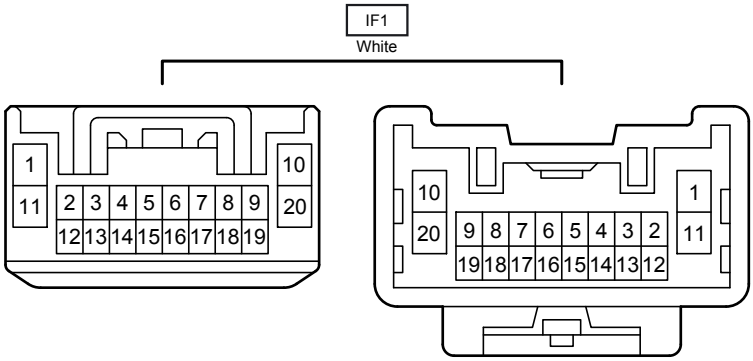
7 8 9 10 11 12
13 14 15 16 17 18
6 5 4 3 2 1
12 11 10 9 8 7
18 17 16 15 14 13


IF1
White
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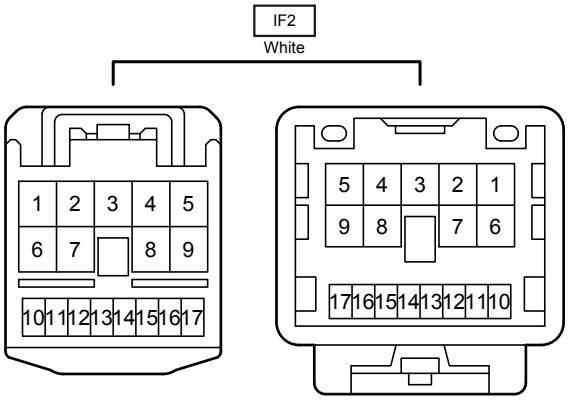
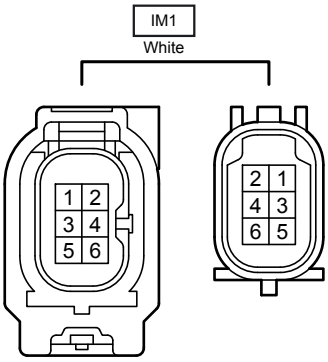
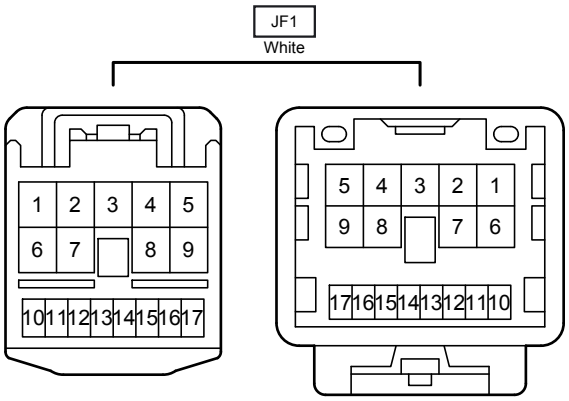
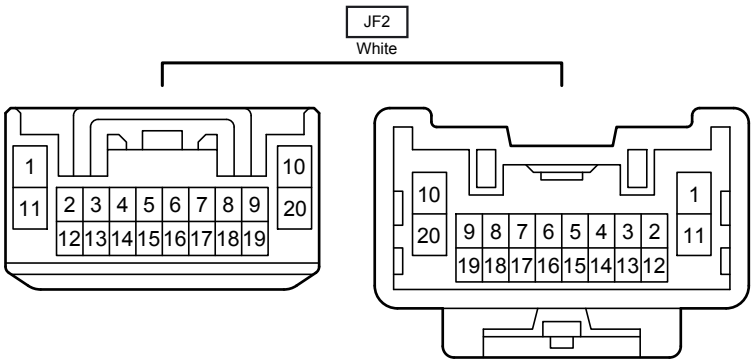
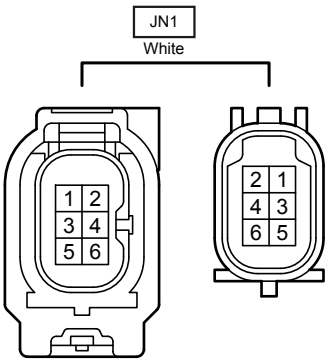
11 2 3 4 5 6 7 8 9 20
12 13 14 15 16 17 18 19
10 1
20 9 8 7 6 5 4 3 2 11
19 18 17 16 15 14 13 12


IF2
White
1 2 3 4 5
6 7 8 9
10 11 12 13 14 15 16 17
5 4 3 2 1
9 8 7 6
17 16 15 14 13 12 11 10


IM1
White
1 2
3 4
5 6
2 1
4 3
6 5


JF1
White
1 2 3 4 5
6 7 8 9
10 11 12 13 14 15 16 17
5 4 3 2 1
9 8 7 6
17 16 15 14 13 12 11 10


JF2
White
1 10
11 2 3 4 5 6 7 8 9 20
12 13 14 15 16 17 18 19
10 1
20 9 8 7 6 5 4 3 2 11
19 18 17 16 15 14 13 12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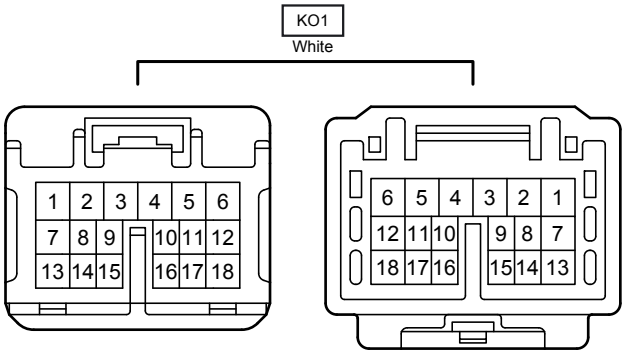
5 6
2 1
4 3
6 5


KO1
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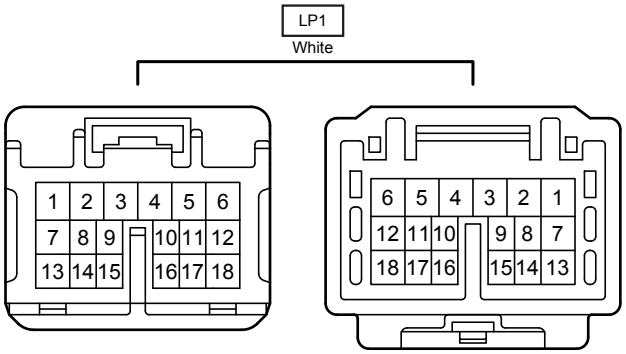
7 8 9 10 11 12
13 14 15 16 17 18
6 5 4 3 2 1
12 11 10 9 8 7
18 17 16 15 14 13


LP1
White
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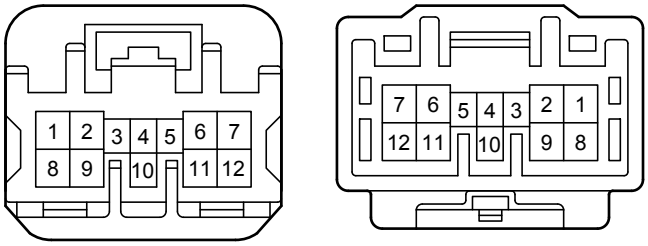
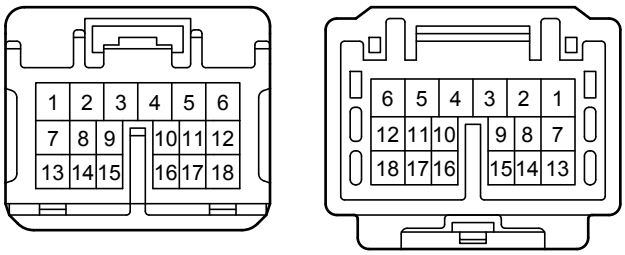
7 8 9 10 11 12
13 14 15 16 17 18
6 5 4 3 2 1
12 11 10 9 8 7
18 17 16 15 14 13

OF1
White



OF2
Black



OF3
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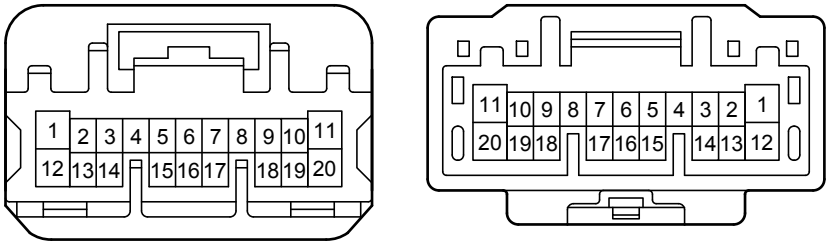
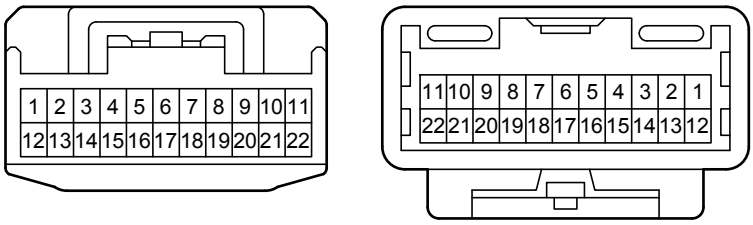
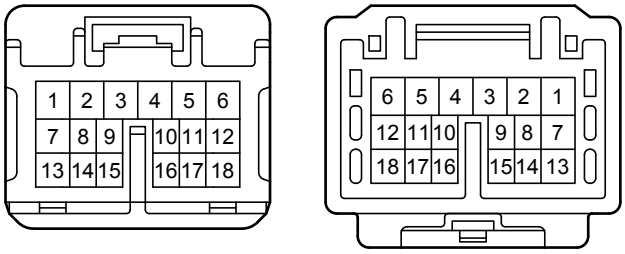
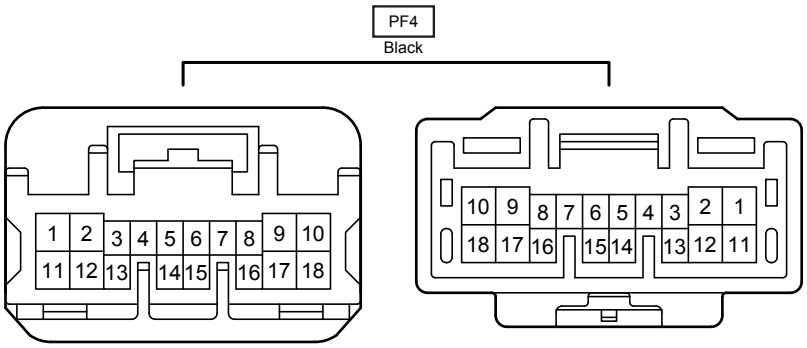


OF4
Blue



PF1
Black




PF4
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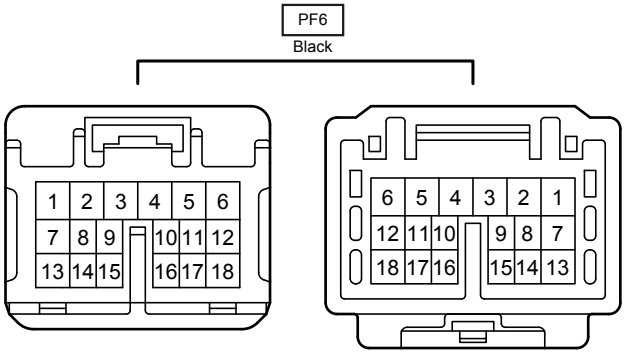
11 12 13 14 15 16 17 18
10 9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11


PF6
Black
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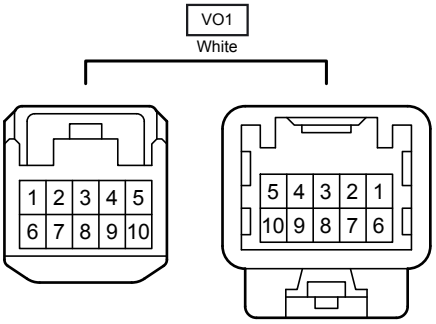
7 8 9 10 11 12
13 14 15 16 17 18
6 5 4 3 2 1
12 11 10 9 8 7
18 17 16 15 14 13


VO1
White
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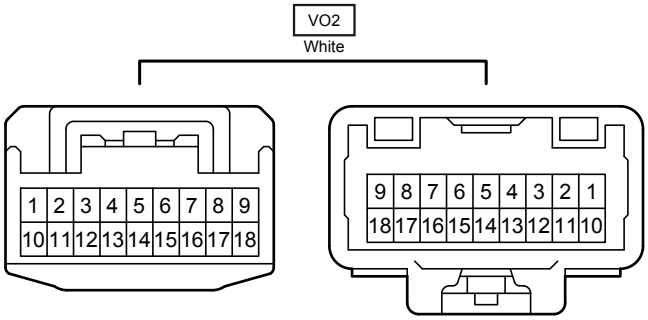
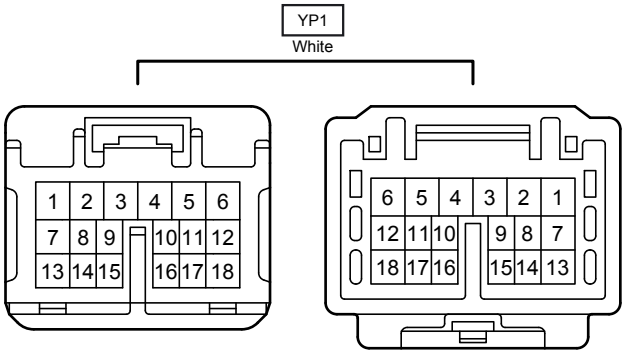
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6


VO2
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10


YP1
White
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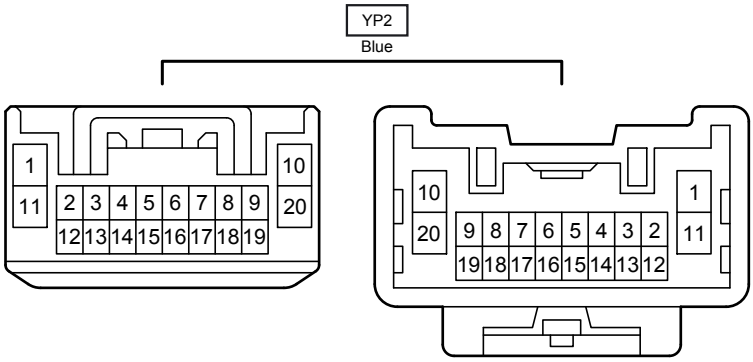
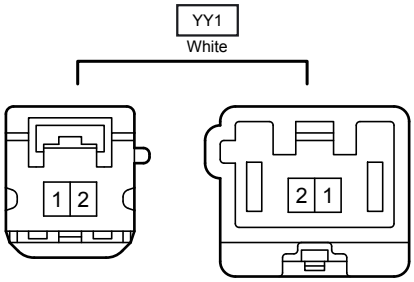
7 8 9 10 11 12
13 14 15 16 17 18
6 5 4 3 2 1
12 11 10 9 8 7
18 17 16 15 14 13


YP2
Blue
1 10
11 2 3 4 5 6 7 8 9 20
12 13 14 15 16 17 18 19
10 1
20 9 8 7 6 5 4 3 2 11
19 18 17 16 15 14 13 12


YY1
White
1 2
2 1