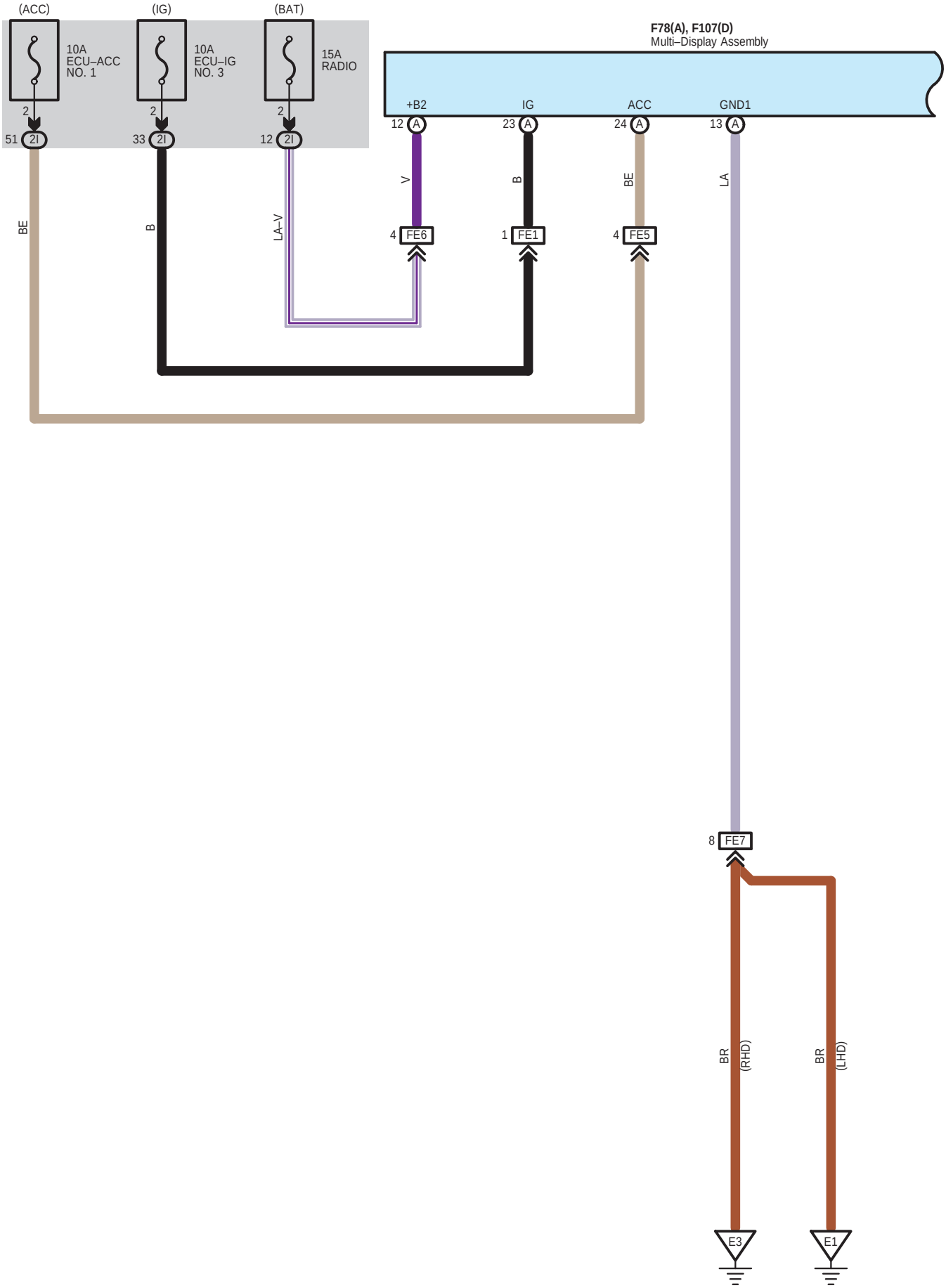
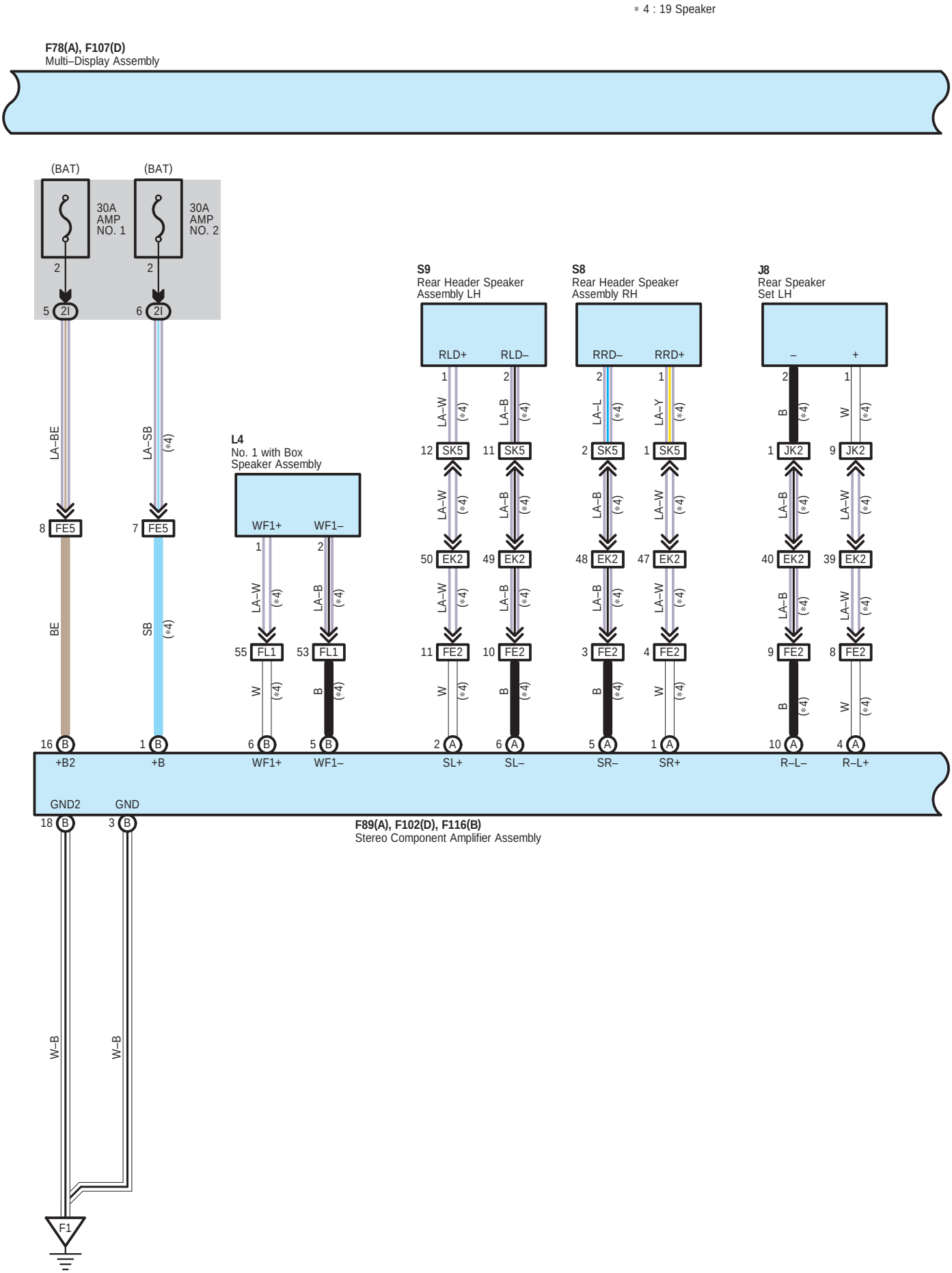
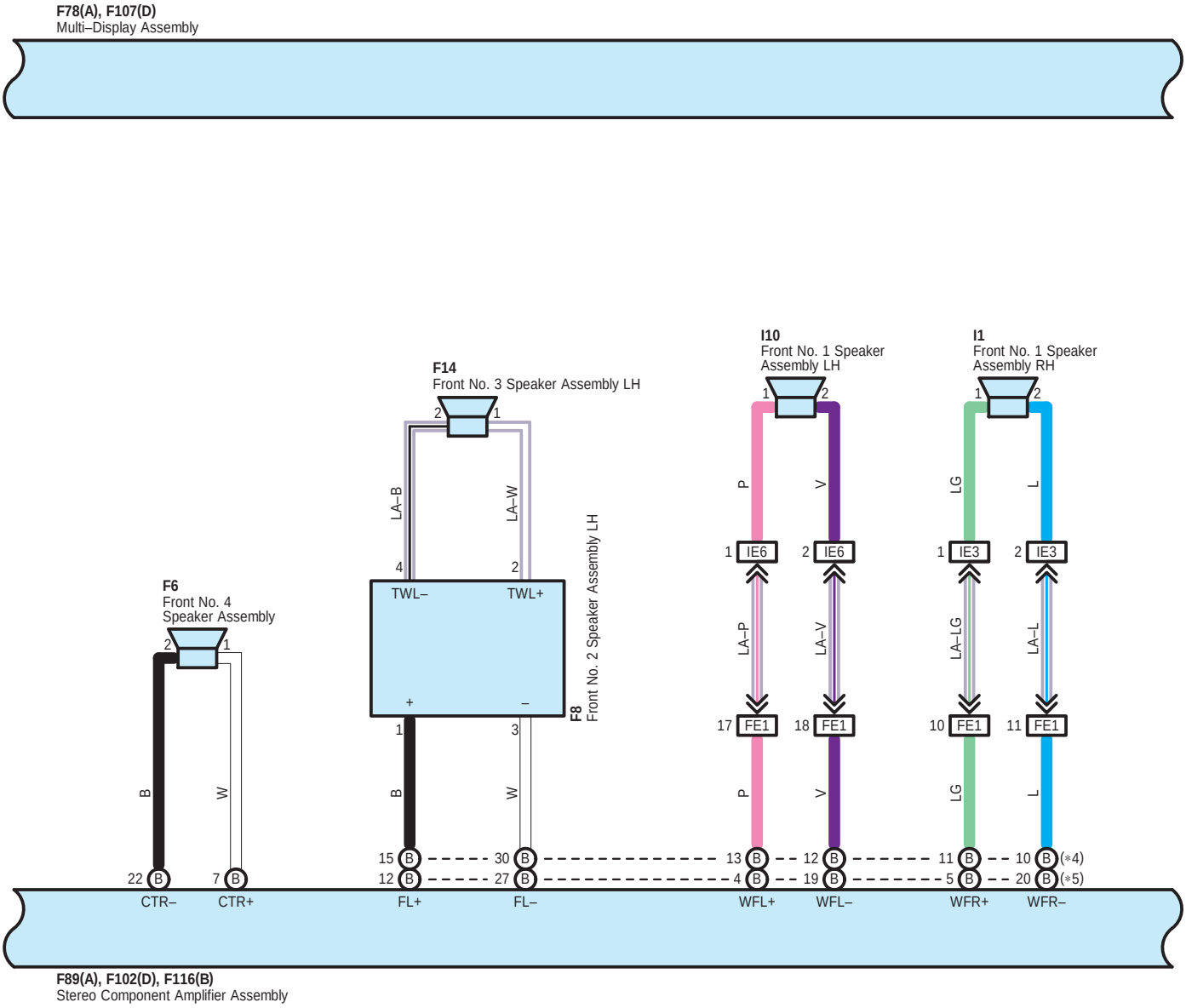
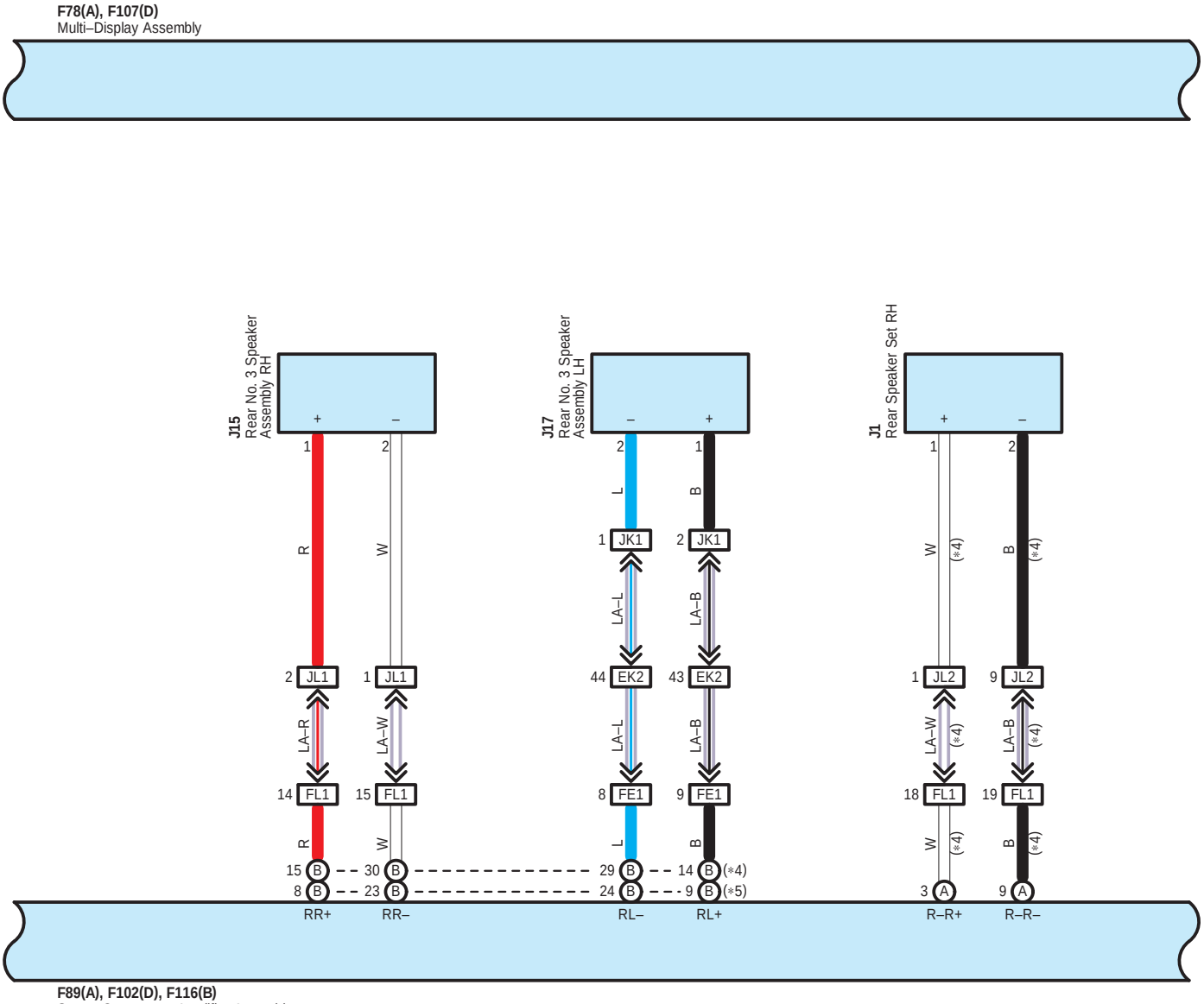
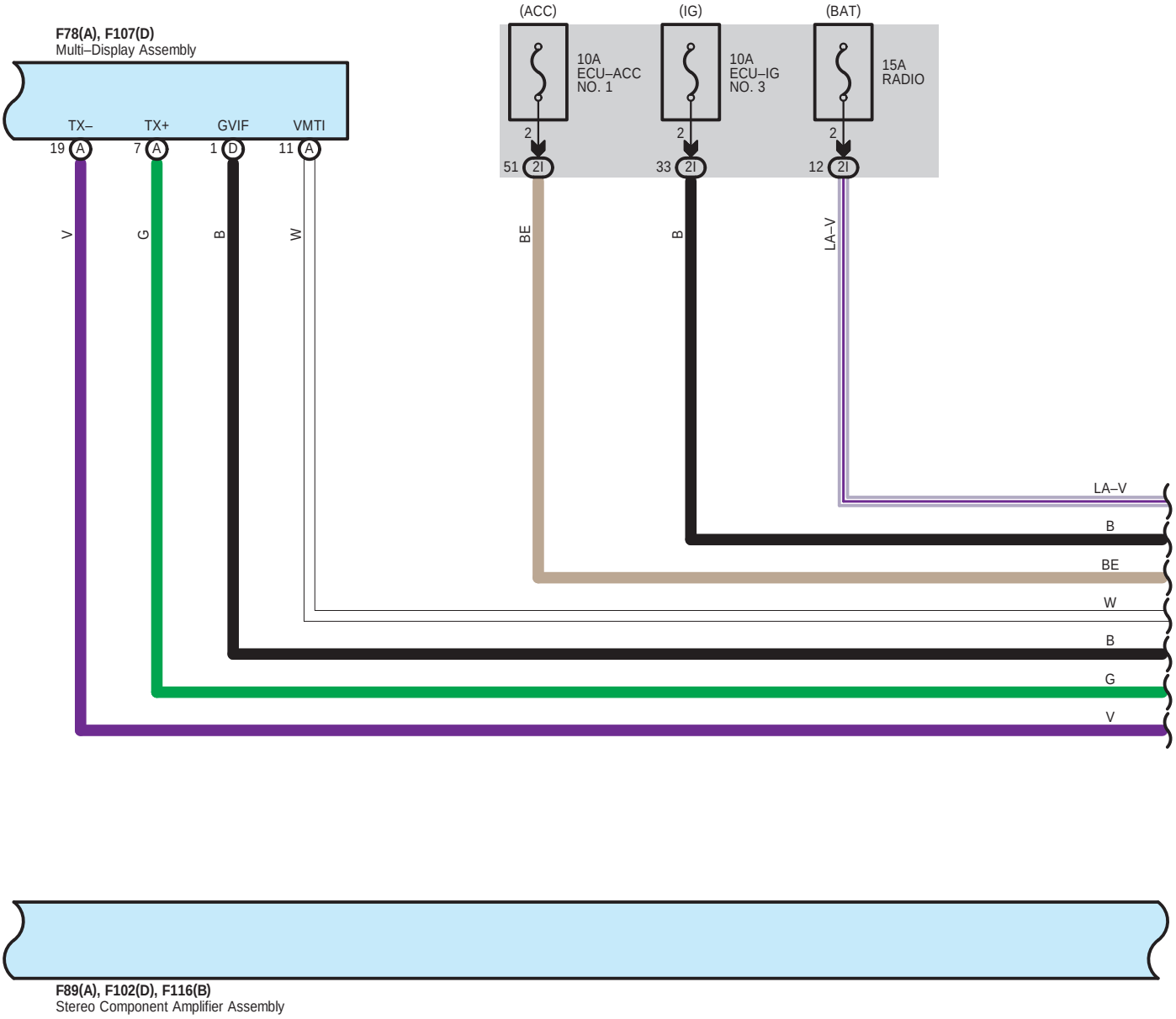

(ACC)
(IG)
(BAT)
10A
ECU–ACC
NO. 1
10A
ECU–IG
NO. 3
15A
RADIO
2
51 2I
33 2I
12 2I
F78(A), F107(D)
Multi–Display Assembly
+B2
IG
ACC
GND1
12 A
23 A
24 A
13 A
BE
B
LA–V
V
B
BE
LA
4 FE6
1 FE1
4 FE5
8 FE7
BR
(RHD)
BR
(LHD)
E3
E1


∗ 4 : 19 Speaker
F78(A), F107(D)
Multi–Display Assembly
(BAT)
(BAT)
30A AMP NO. 1
30A AMP NO. 2
2
2
5 2I
6 2I
LA–BE
LA–SB
(∗4)
8 FE5
7 FE5
BE
SB
(∗4)
16 B
+B2
1 B
+B
L4
No. 1 with Box Speaker Assembly
WF1+
WF1–
1
2
LA–W
LA–B
(∗4)
55 FL1
53 FL1
W
B
(∗4)
6 B
WF1+
5 B
WF1–
S9
Rear Header Speaker Assembly LH
RLD+
RLD–
12 SK5
11 SK5
50 EK2
49 EK2
11 FE2
10 FE2
2 A
SL+
6 A
SL–
S8
Rear Header Speaker Assembly RH
RRD–
RRD+
LA–L
LA–Y
2 SK5
1 SK5
48 EK2
47 EK2
3 FE2
4 FE2
5 A
SR–
1 A
SR+
J8
Rear Speaker Set LH
–
+
1 JK2
9 JK2
40 EK2
39 EK2
9 FE2
8 FE2
10 A
R–L–
4 A
R–L+
GND2
GND
18 B
3 B
W–B
F1
F89(A), F102(D), F116(B)
Stereo Component Amplifier Assembly

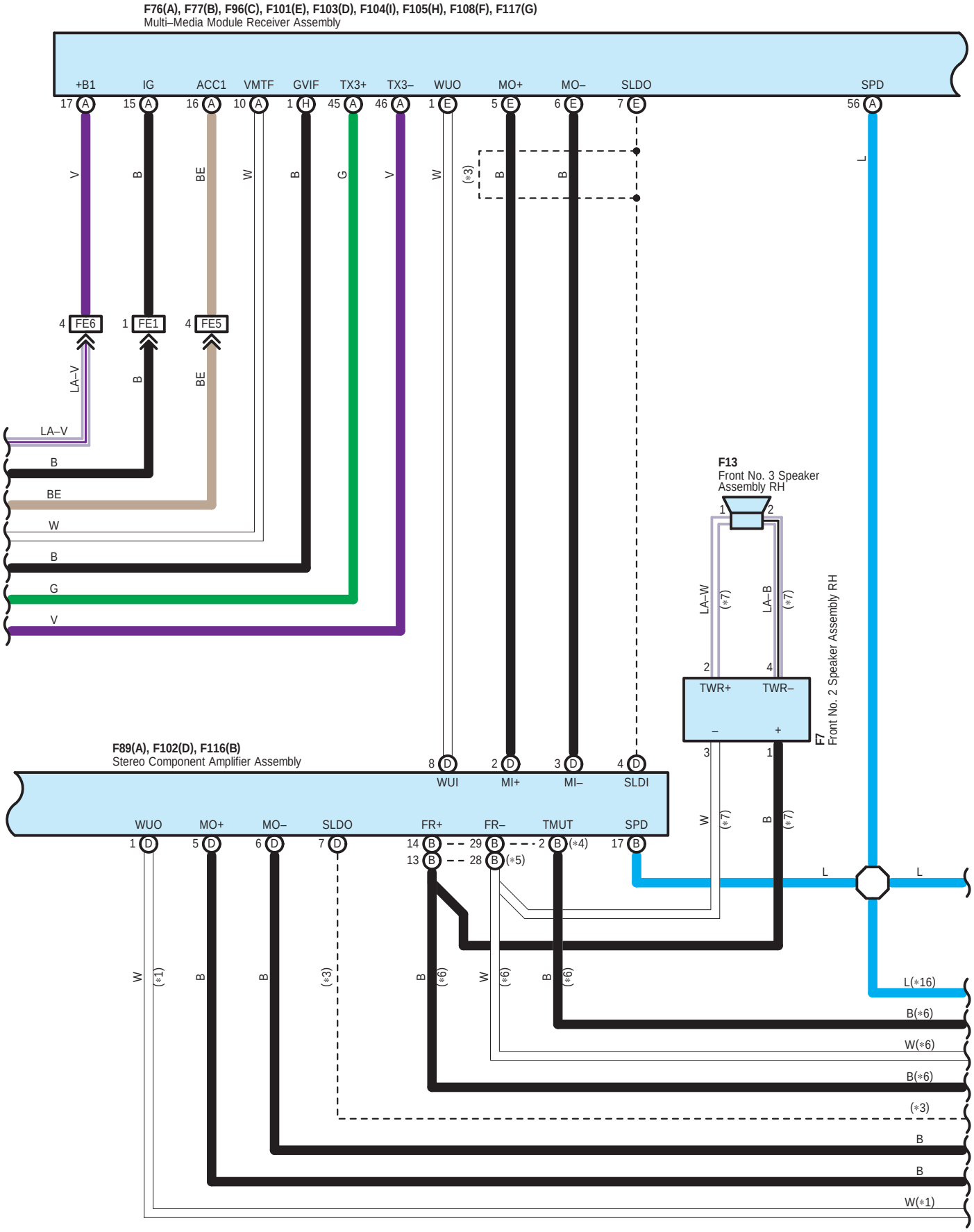

F78(A), F107(D)
Multi–Display Assembly
F14
Front No. 3 Speaker Assembly LH
I10
Front No. 1 Speaker Assembly LH
I1
Front No. 1 Speaker Assembly RH
F6
Front No. 4 Speaker Assembly
F8
Front No. 2 Speaker Assembly LH
LA–B
LA–W
TWL–
TWL+
LA–P
LA–V
LA–LG
LA–L
IE6
IE3
FE1
B
W
P
V
LG
L
CTR–
CTR+
FL+
FL–
WFL+
WFL–
WFR+
WFR–
(*4)
(*5)
F89(A), F102(D), F116(B)
Stereo Component Amplifier Assembly

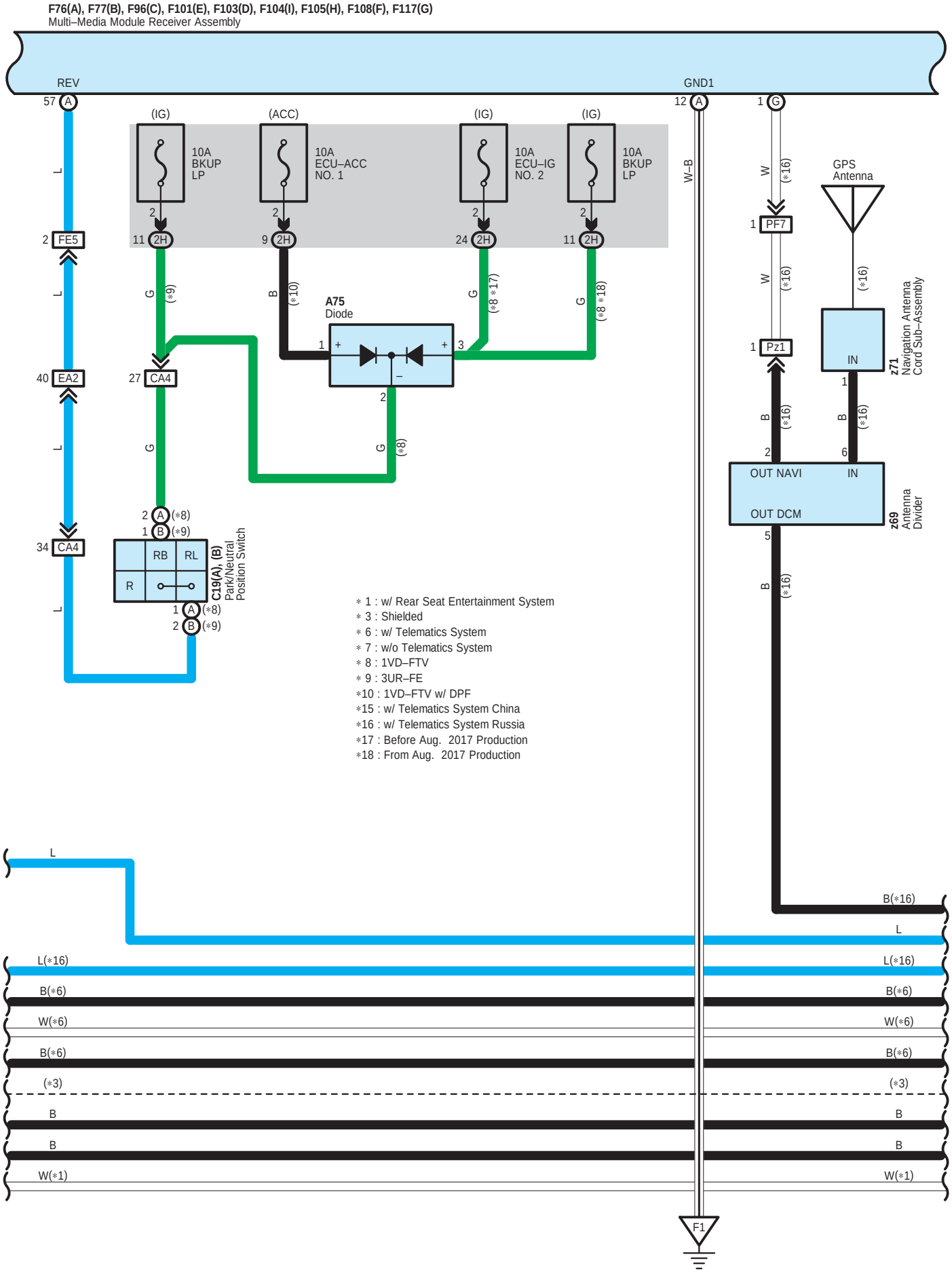
∗ 4 : 19 Speaker
∗ 5 : Except ∗4

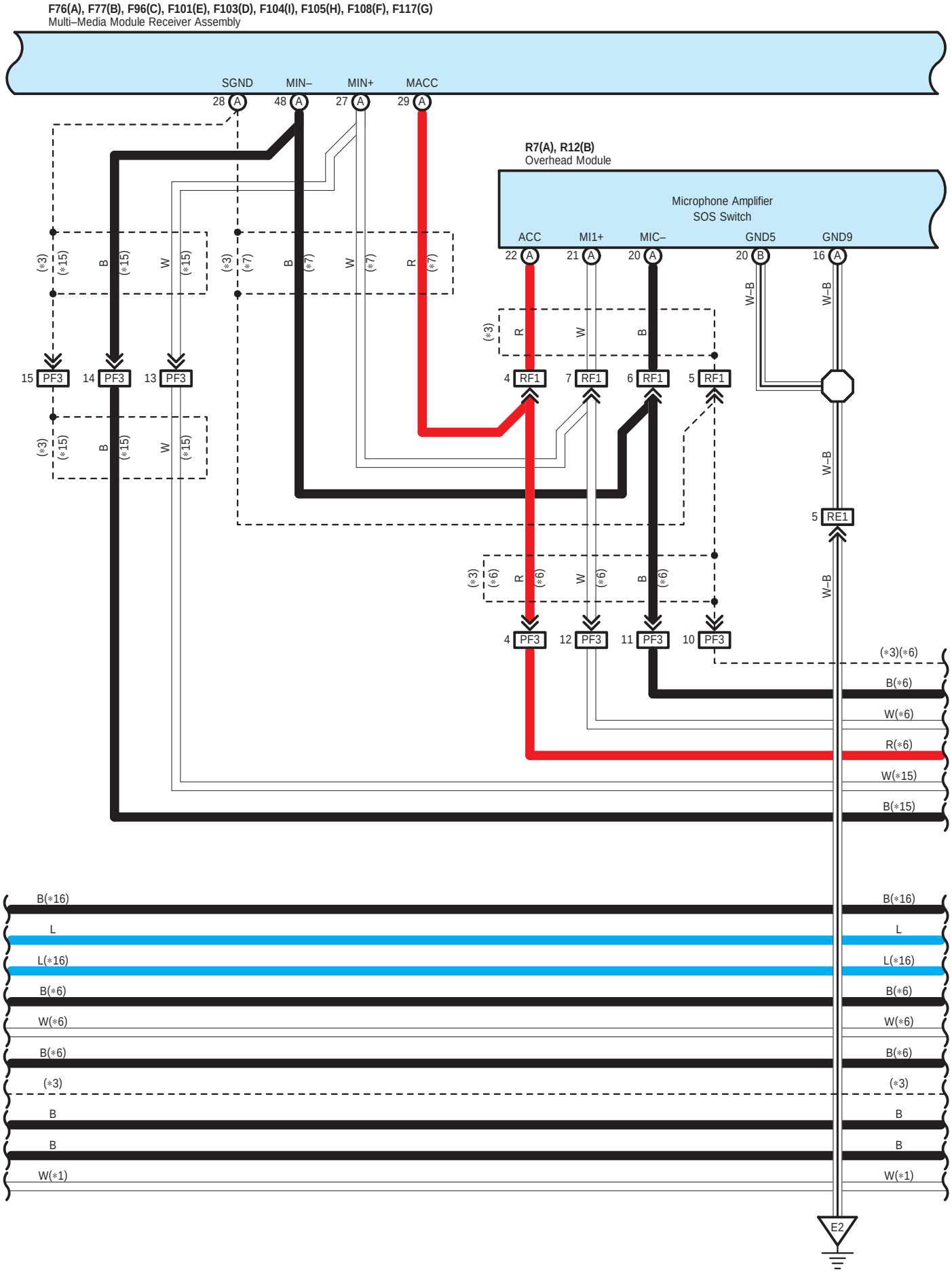


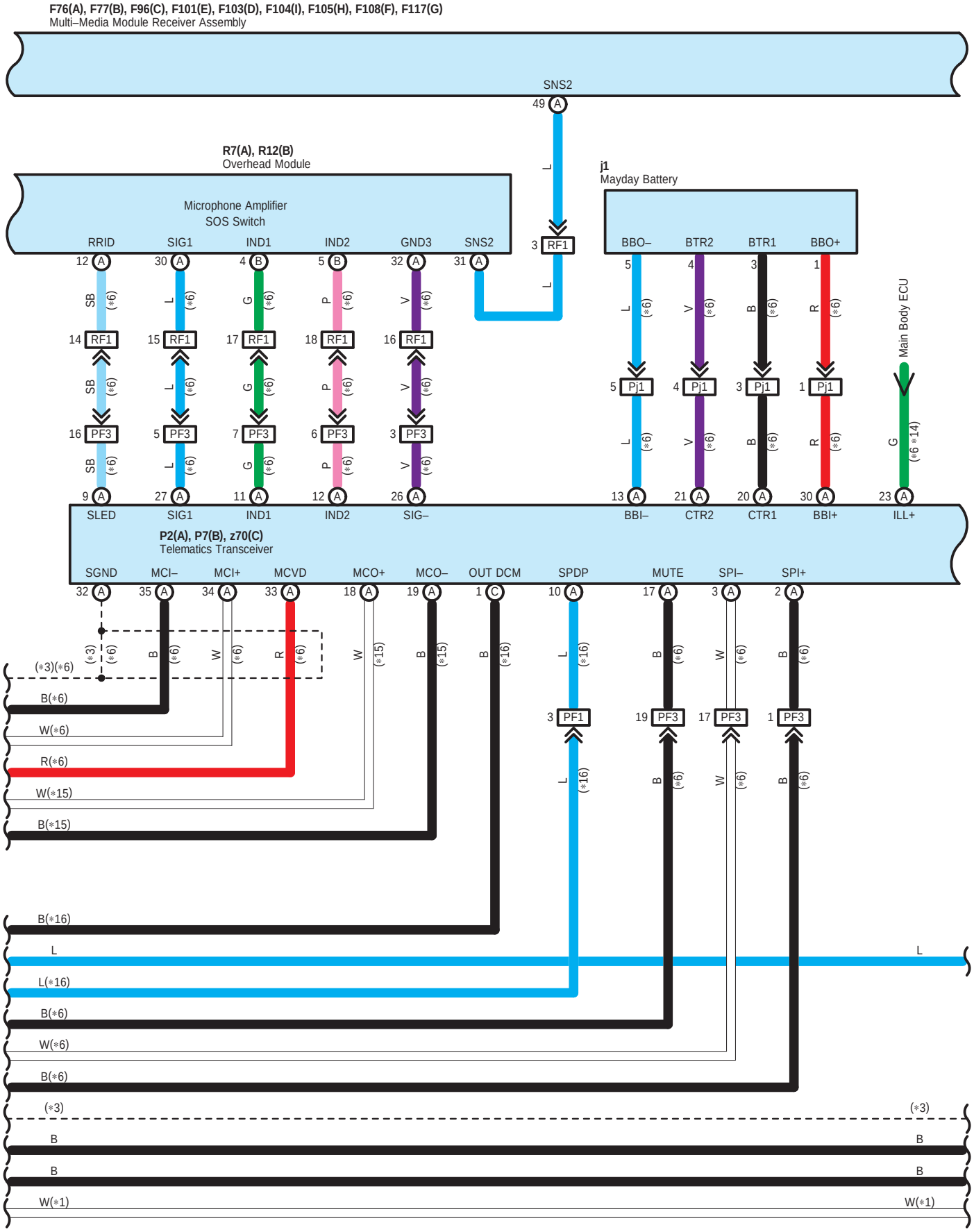


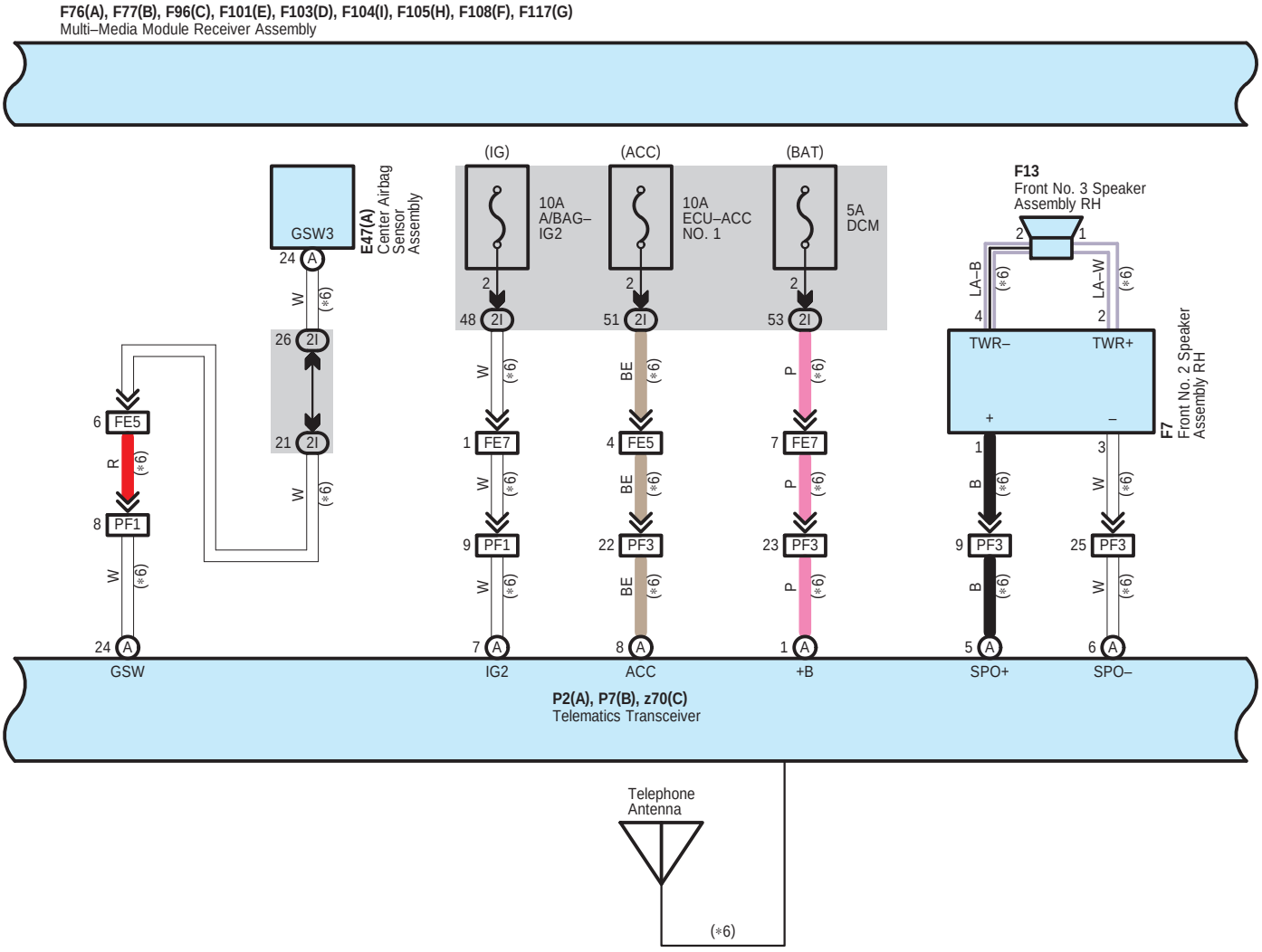
∗ 1 : w/ Rear Seat Entertainment System
∗ 3 : Shielded
∗ 4 : 19 Speaker
∗ 5 : Except ∗4
∗ 6 : w/ Telematics System
∗ 7 : w/o Telematics System
∗16 : w/ Telematics System Russia


F76(A), F77(B), F96(C), F101(E), F103(D), F104(I), F105(H), F108(F), F117(G)
Multi–Media Module Receiver Assembly
+B1
IG
ACC1
VMTF
GVIF
TX3+
TX3–
WUO
MO+
MO–
SLDO
SPD
FE6
FE1
FE5
LA–V
B
BE
W
G
V
(*3)
L
F13
Front No. 3 Speaker Assembly RH
LA–W
LA–B
(*7)
TWR+
TWR–
F7
Front No. 2 Speaker Assembly RH
F89(A), F102(D), F116(B)
Stereo Component Amplifier Assembly
WUI
MI+
MI–
SLDI
FR+
FR–
TMUT
(*4)
(*5)
(*1)
(*6)
L(*16)
B(*6)
W(*6)
B(*6)
(*3)
B
B
W(*1)

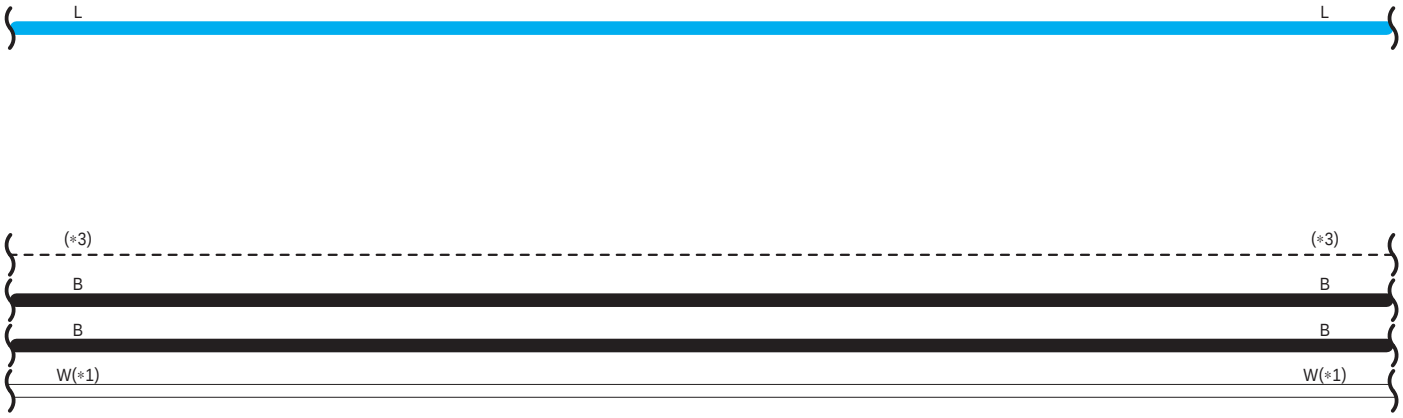

F76(A), F77(B), F96(C), F101(E), F103(D), F104(I), F105(H), F108(F), F117(G)
Multi–Media Module Receiver Assembly
REV
GND1
57 A
12 A
1 G
(IG)
(ACC)
(IG)
(IG)
10A BKUP LP
10A ECU–ACC NO. 1
10A ECU–IG NO. 2
10A BKUP LP
2 FE5
11 2H
9 2H
24 2H
11 2H
40 EA2
27 CA4
34 CA4
A75
Diode
W–B
GPS Antenna
1 PF7
1 Pz1
z71 Navigation Antenna Cord Sub–Assembly
IN
OUT NAVI
OUT DCM
z69 Antenna Divider
C19(A), (B) Park/Neutral Position Switch
RB
RL
R
∗ 1 : w/ Rear Seat Entertainment System
∗ 3 : Shielded
∗ 6 : w/ Telematics System
∗ 7 : w/o Telematics System
∗ 8 : 1VD–FTV
∗ 9 : 3UR–FE
∗10 : 1VD–FTV w/ DPF
∗15 : w/ Telematics System China
∗16 : w/ Telematics System Russia
∗17 : Before Aug. 2017 Production
∗18 : From Aug. 2017 Production
L(∗16)
B(∗6)
W(∗6)
B(∗6)
(∗3)
B
B
W(∗1)
B(∗16)
F1

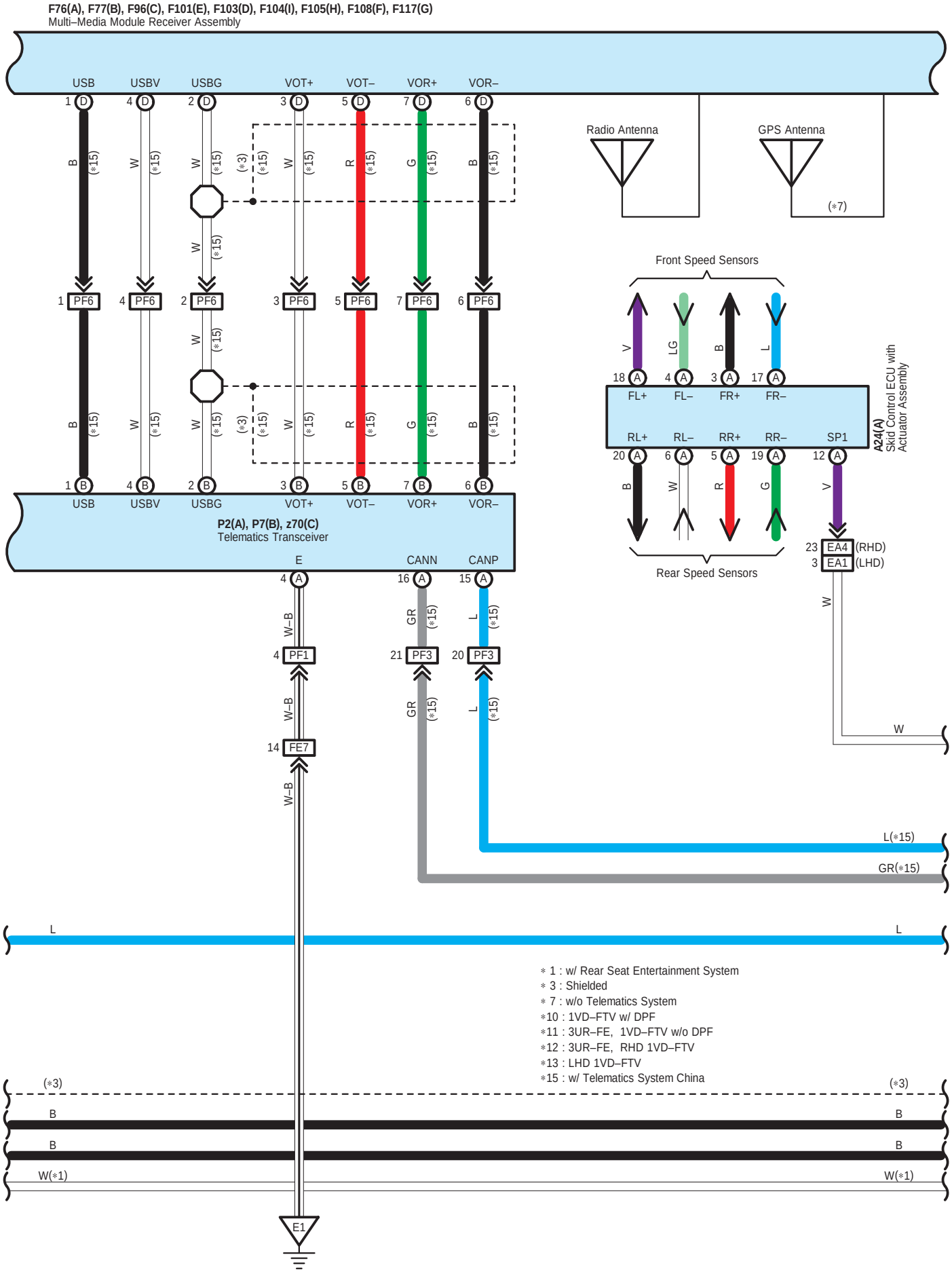

F76(A), F77(B), F96(C), F101(E), F103(D), F104(I), F105(H), F108(F), F117(G)
Multi–Media Module Receiver Assembly
SGND
MIN–
MIN+
MACC
28 A
48 A
27 A
29 A
R7(A), R12(B)
Overhead Module
Microphone Amplifier
SOS Switch
ACC
MI1+
MIC–
GND5
GND9
22 A
21 A
20 A
20 B
16 A
15 PF3
14 PF3
13 PF3
4 RF1
7 RF1
6 RF1
5 RF1
5 RE1
4 PF3
12 PF3
11 PF3
10 PF3
(∗3)(∗6)
B(∗6)
W(∗6)
R(∗6)
W(∗15)
B(∗15)
B(∗16)
L
L(∗16)
B(∗6)
W(∗6)
B(∗6)
(∗3)
B
B
W(∗1)
E2

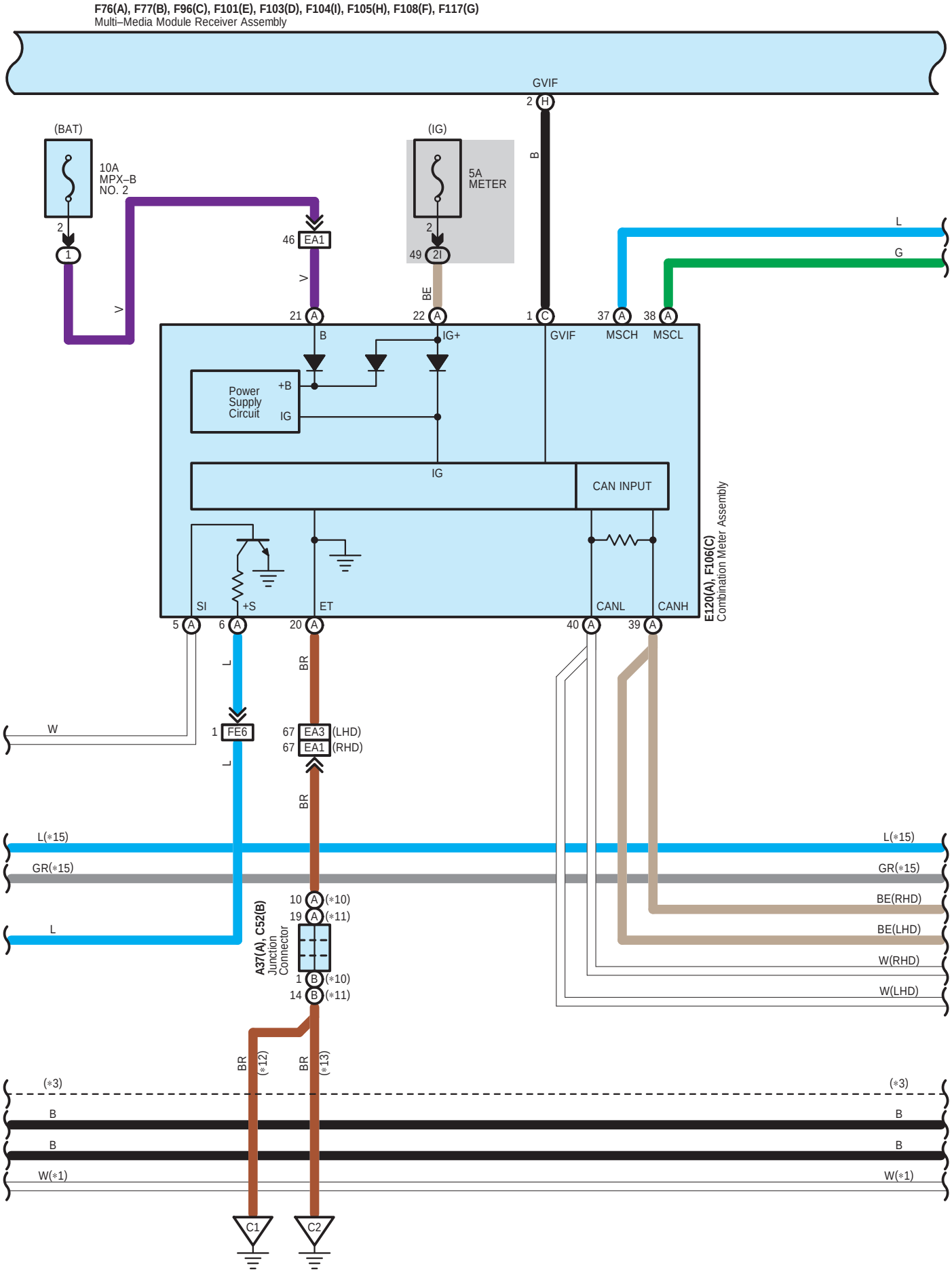

F76(A), F77(B), F96(C), F101(E), F103(D), F104(I), F105(H), F108(F), F117(G)
Multi–Media Module Receiver Assembly
SNS2
49 A
R7(A), R12(B)
Overhead Module
Microphone Amplifier
SOS Switch
RRID
SIG1
IND1
IND2
GND3
SNS2
3 RF1
j1
Mayday Battery
BBO–
BTR2
BTR1
BBO+
Main Body ECU
SLED
SIG1
IND1
IND2
SIG–
BBI–
CTR2
CTR1
BBI+
ILL+
P2(A), P7(B), z70(C)
Telematics Transceiver
SGND
MCI–
MCI+
MCVD
MCO+
MCO–
OUT DCM
SPDP
MUTE
SPI–
SPI+
(*3)(*6)
B(*6)
W(*6)
R(*6)
W(*15)
B(*15)
B(*16)
L
L(*16)
B(*6)
W(*6)
B(*6)
(*3)
B
B
W(*1)

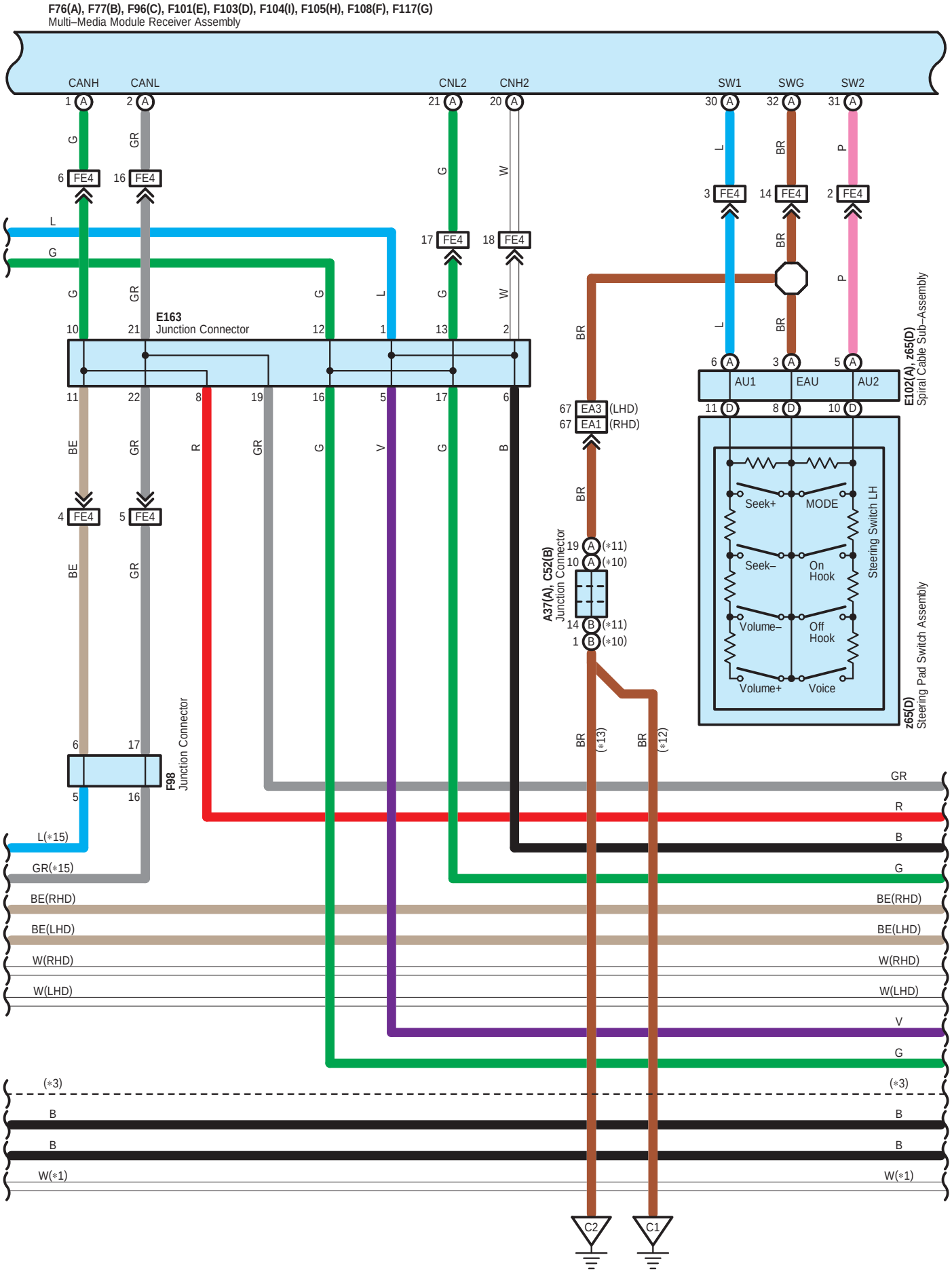


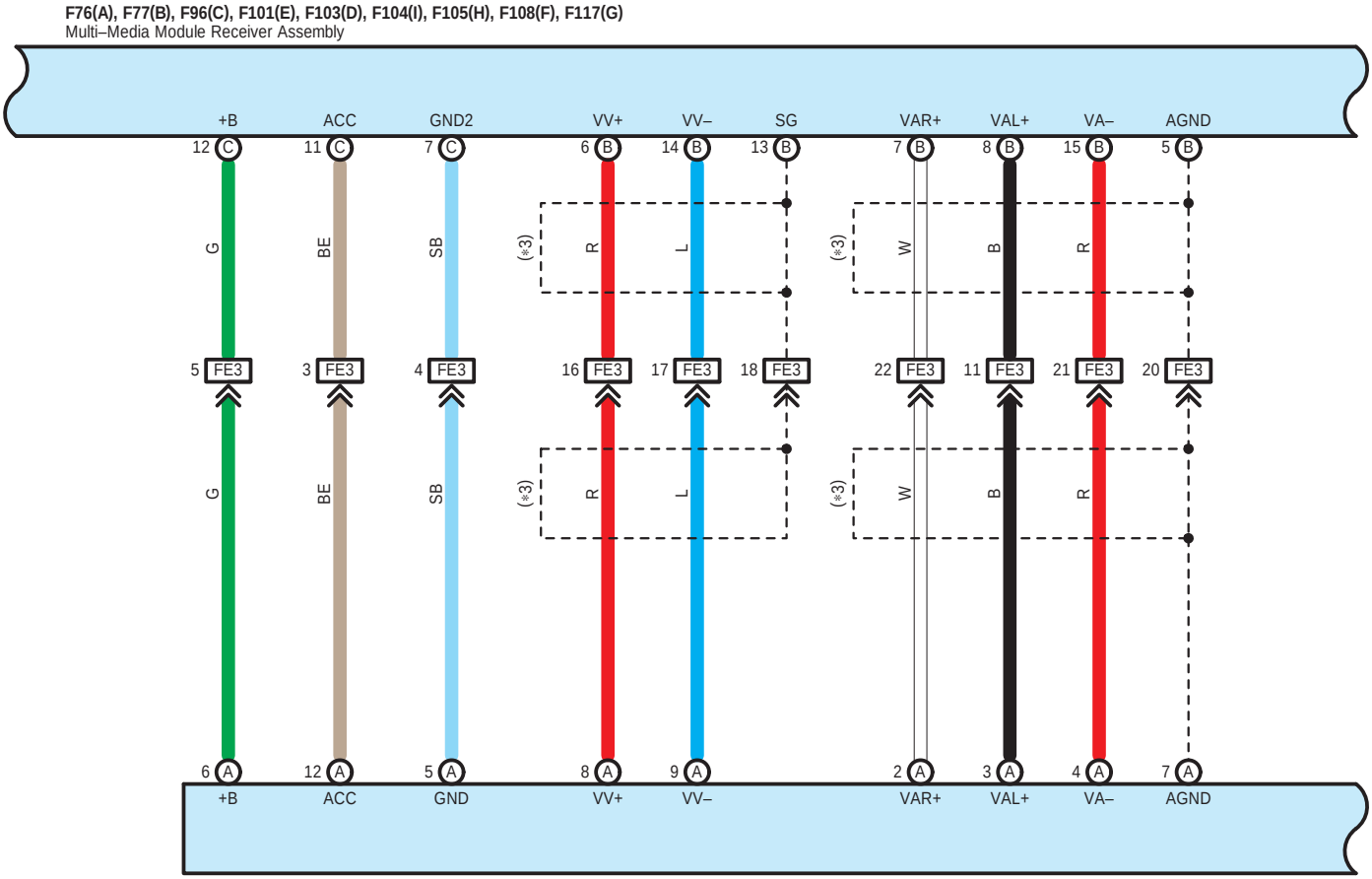
∗ 1 : w/ Rear Seat Entertainment System
∗ 3 : Shielded
∗ 6 : w/ Telematics System
∗14 : Except China
∗15 : w/ Telematics System China
∗16 : w/ Telematics System Russia



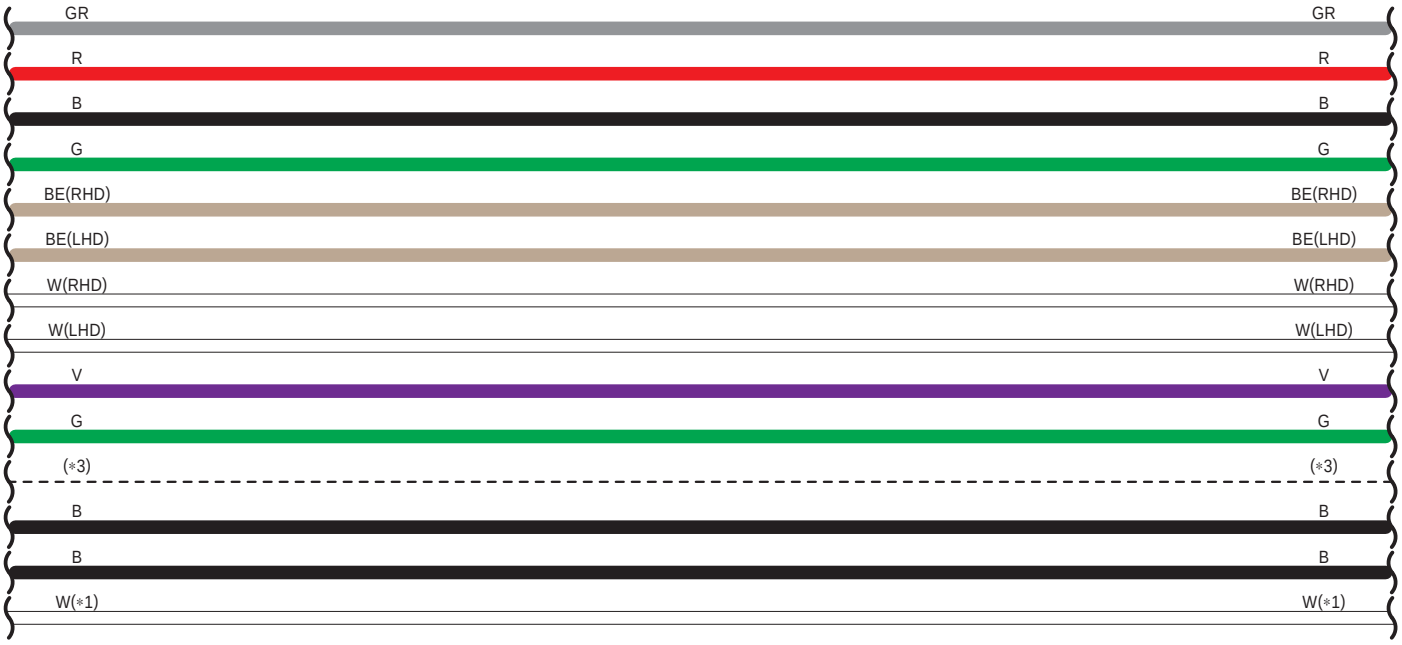

F76(A), F77(B), F96(C), F101(E), F103(D), F104(I), F105(H), F108(F), F117(G)
Multi–Media Module Receiver Assembly
USB
USBV
USBG
VOT+
VOT–
VOR+
VOR–
Radio Antenna
GPS Antenna
(∗7)
Front Speed Sensors
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
SP1
A24(A)
Skid Control ECU with Actuator Assembly
Rear Speed Sensors
(RHD)
(LHD)
P2(A), P7(B), z70(C)
Telematics Transceiver
E
CANN
CANP
PF6
PF1
PF3
FE7
EA4
EA1
L(∗15)
GR(∗15)
∗ 1 : w/ Rear Seat Entertainment System
∗ 3 : Shielded
∗ 7 : w/o Telematics System
∗10 : 1VD–FTV w/ DPF
∗11 : 3UR–FE, 1VD–FTV w/o DPF
∗12 : 3UR–FE, RHD 1VD–FTV
∗13 : LHD 1VD–FTV
∗15 : w/ Telematics System China
W(∗1)
E1

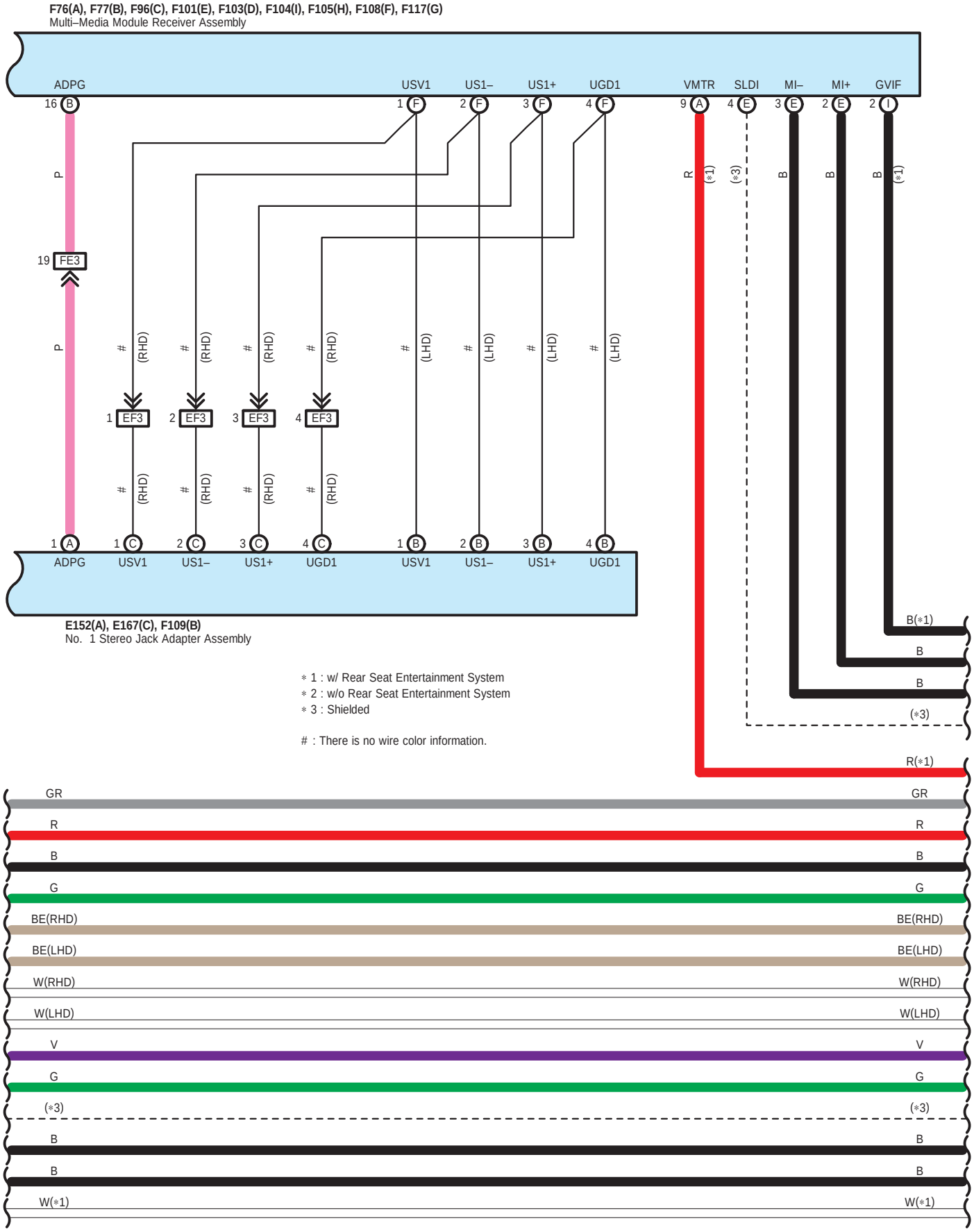

F76(A), F77(B), F96(C), F101(E), F103(D), F104(I), F105(H), F108(F), F117(G)
Multi–Media Module Receiver Assembly
GVIF
2 H
(BAT)
10A
MPX–B
NO. 2
(IG)
5A
METER
46 EA1
49 2I
21 A
22 A
1 C
37 A
38 A
B
IG+
GVIF
MSCH
MSCL
L
G
Power
Supply
Circuit
+B
IG
IG
CAN INPUT
SI
+S
ET
CANL
CANH
E120(A), F106(C)
Combination Meter Assembly
5 A
6 A
20 A
40 A
39 A
W
1 FE6
67 EA3 (LHD)
67 EA1 (RHD)
L(∗15)
GR(∗15)
BE(RHD)
BE(LHD)
W(RHD)
W(LHD)
10 A (∗10)
19 A (∗11)
A37(A), C52(B)
Junction
Connector
1 B (∗10)
14 B (∗11)
BR (∗12)
BR (∗13)
(∗3)
B
W(∗1)
C1
C2


F76(A), F77(B), F96(C), F101(E), F103(D), F104(I), F105(H), F108(F), F117(G)
Multi–Media Module Receiver Assembly
CANH
CANL
CNL2
CNH2
SW1
SWG
SW2
E163
Junction Connector
F98
Junction Connector
A37(A), C52(B)
Junction Connector
E102(A), z65(D)
Spiral Cable Sub–Assembly
z65(D)
Steering Pad Switch Assembly
Steering Switch LH
Seek+
MODE
Seek–
On Hook
Volume–
Off Hook
Volume+
Voice
AU1
EAU
AU2
EA3 (LHD)
EA1 (RHD)
L(∗15)
GR(∗15)
BE(RHD)
BE(LHD)
W(RHD)
W(LHD)
(∗3)
W(∗1)
C2
C1



∗ 1 : w/ Rear Seat Entertainment System
∗ 3 : Shielded
∗10 : 1VD–FTV w/ DPF
∗11 : 3UR–FE, 1VD–FTV w/o DPF
∗12 : 3UR–FE, RHD 1VD–FTV
∗13 : LHD 1VD–FTV
∗15 : w/ Telematics System China

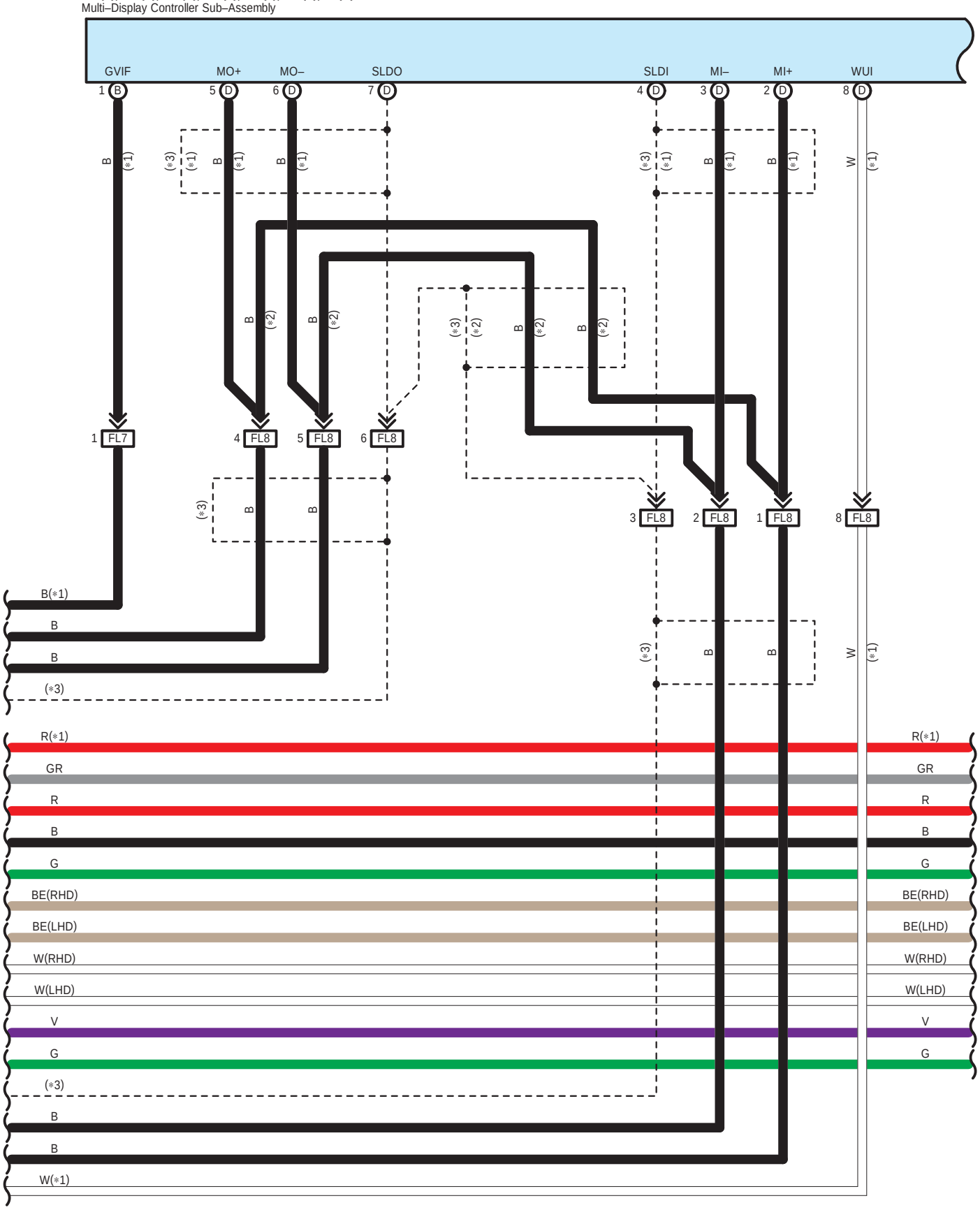


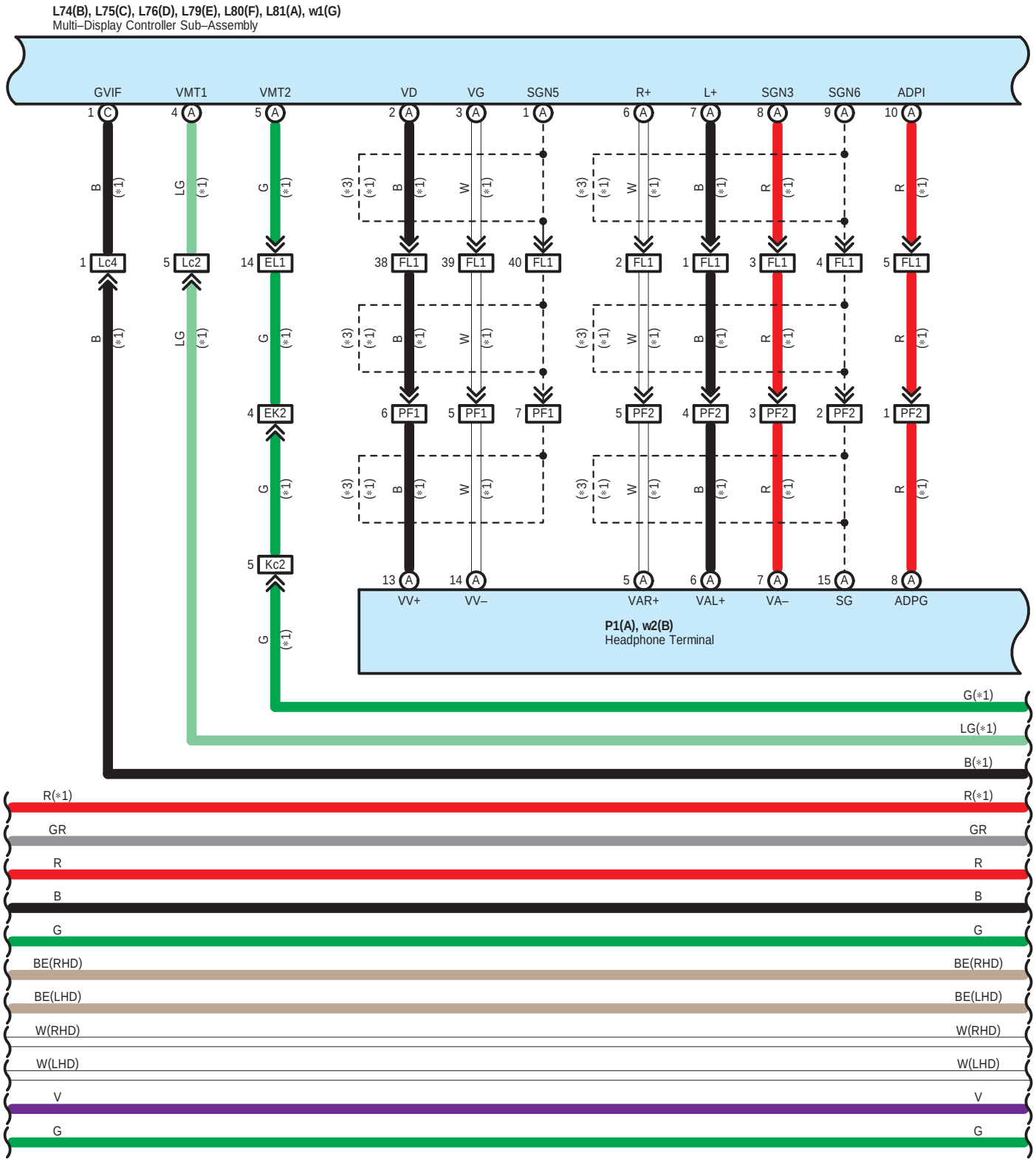


∗ 1 : w/ Rear Seat Entertainment System
∗ 2 : w/o Rear Seat Entertainment System
∗ 3 : Shielded

: There is no wire color information.

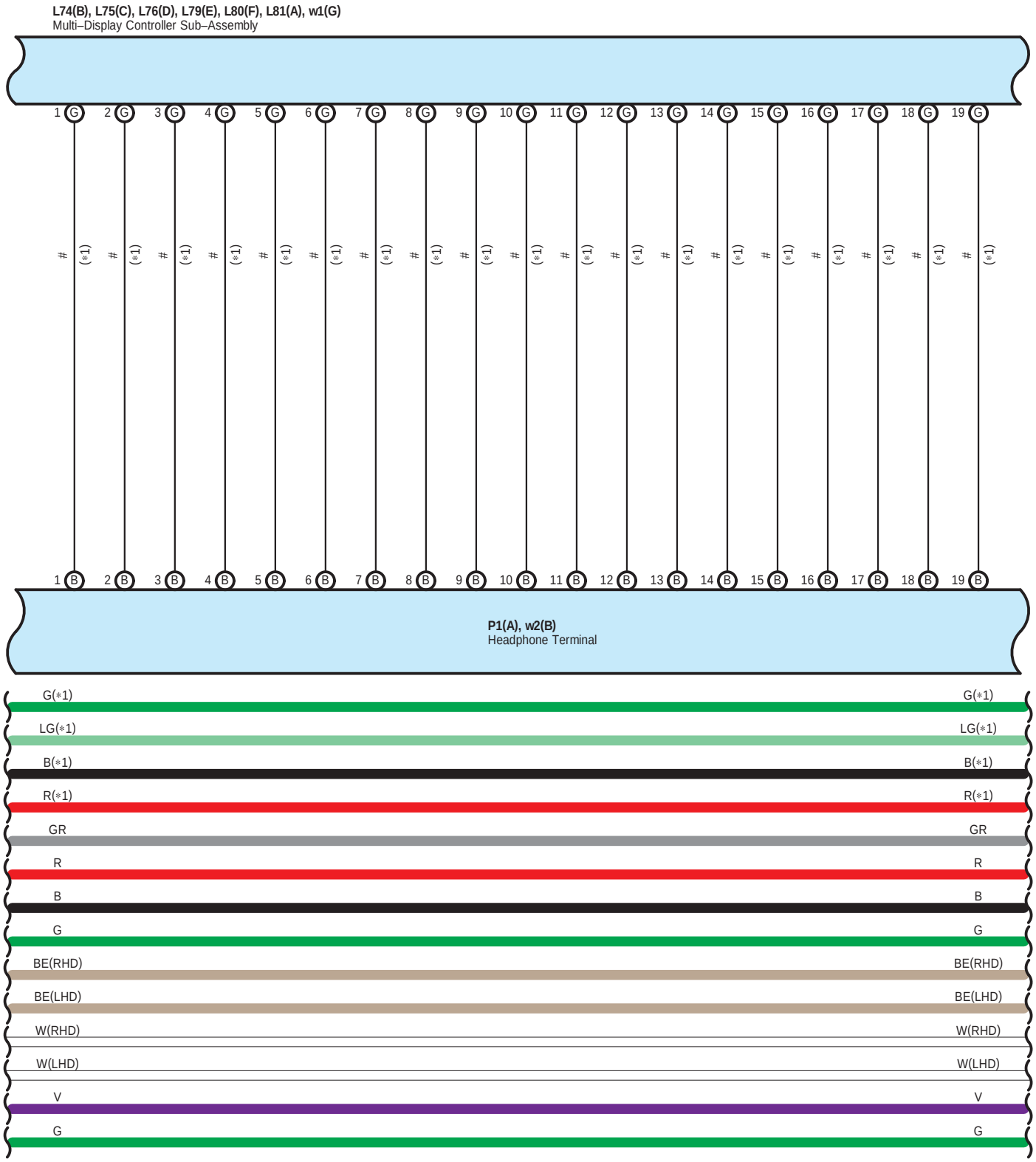
L74(B), L75(C), L76(D), L79(E), L80(F), L81(A), w1(G)
Multi–Display Controller Sub–Assembly

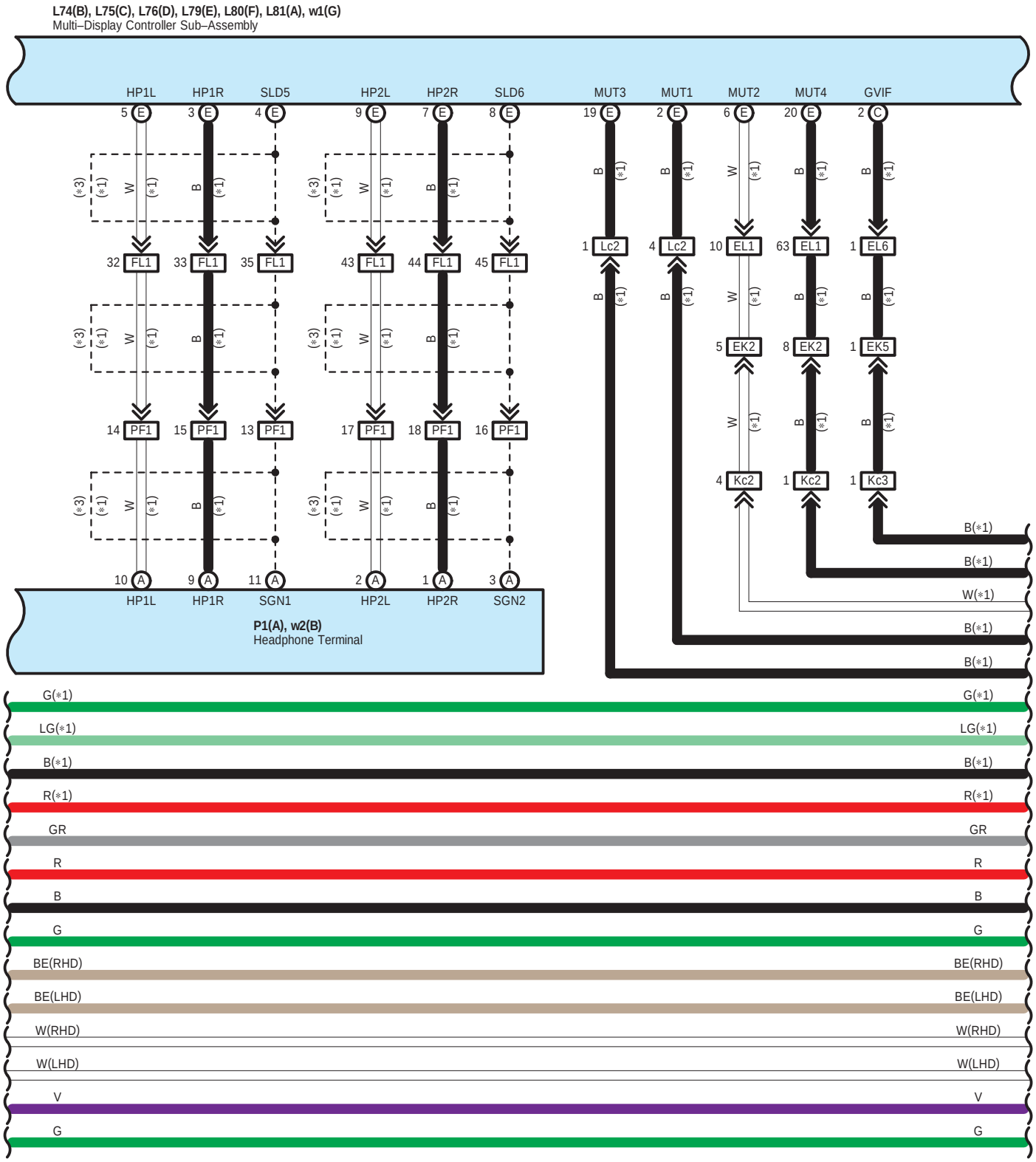




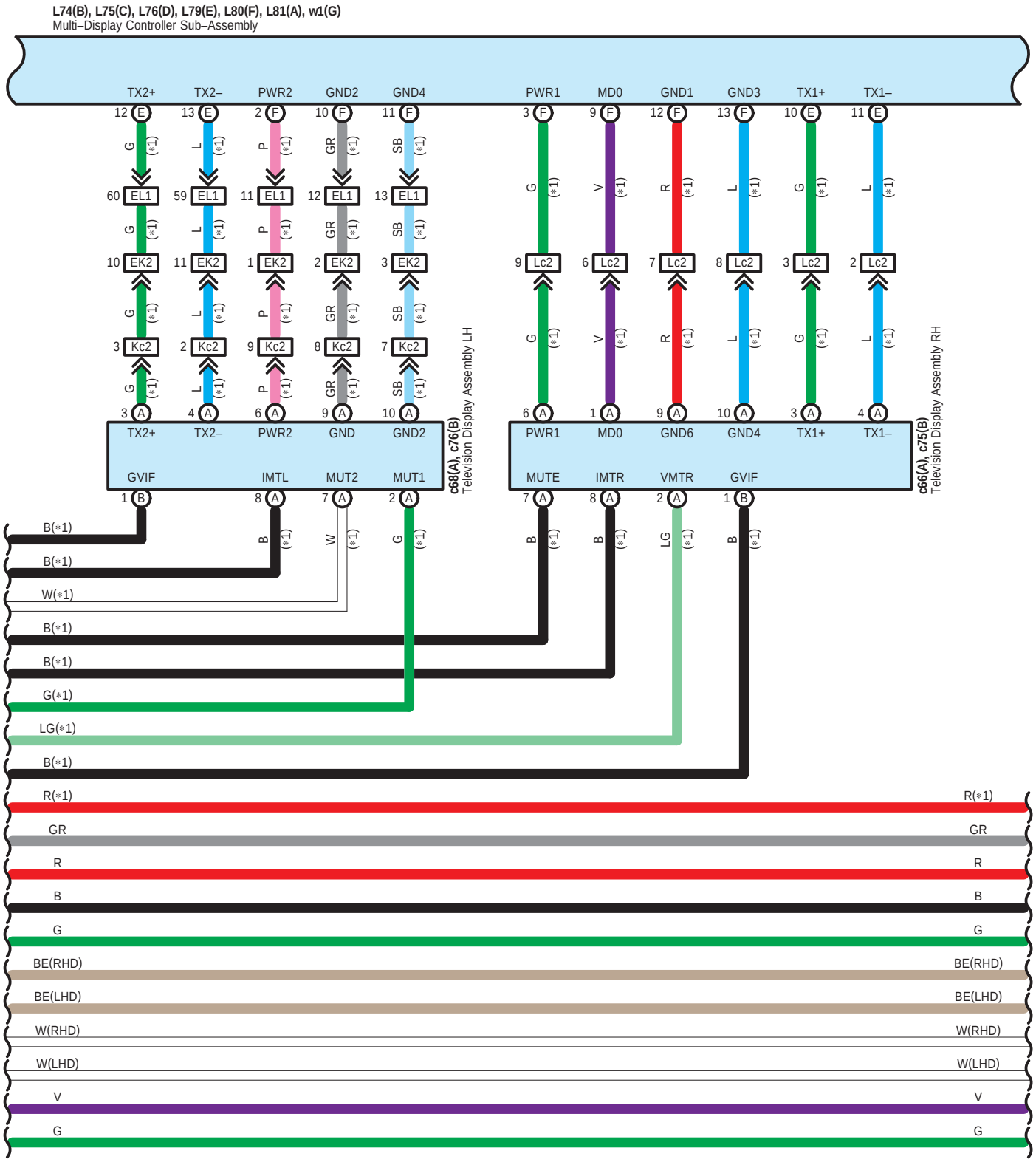
∗ 1 : w/ Rear Seat Entertainment System
∗ 3 : Shielded

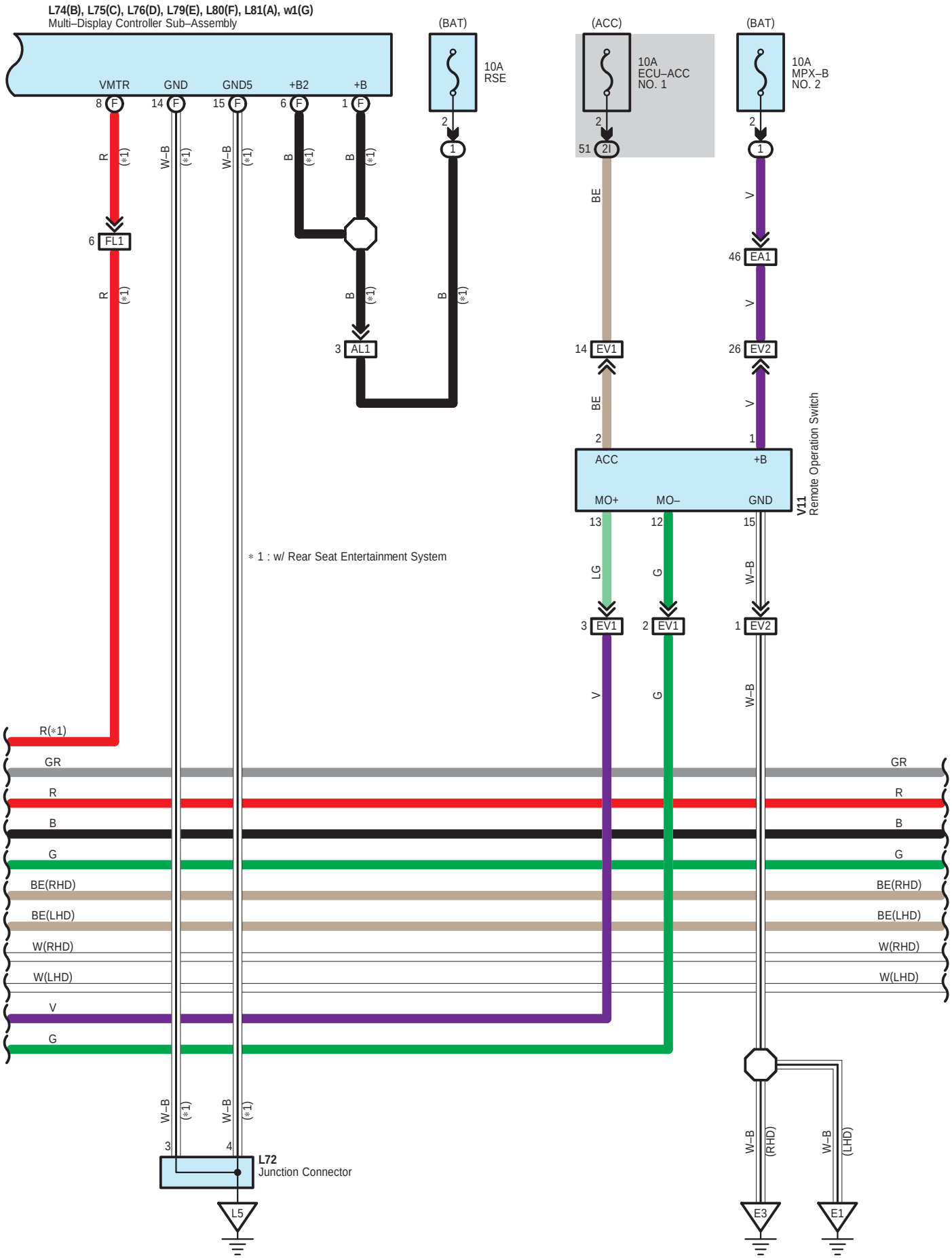
: There is no wire color information.

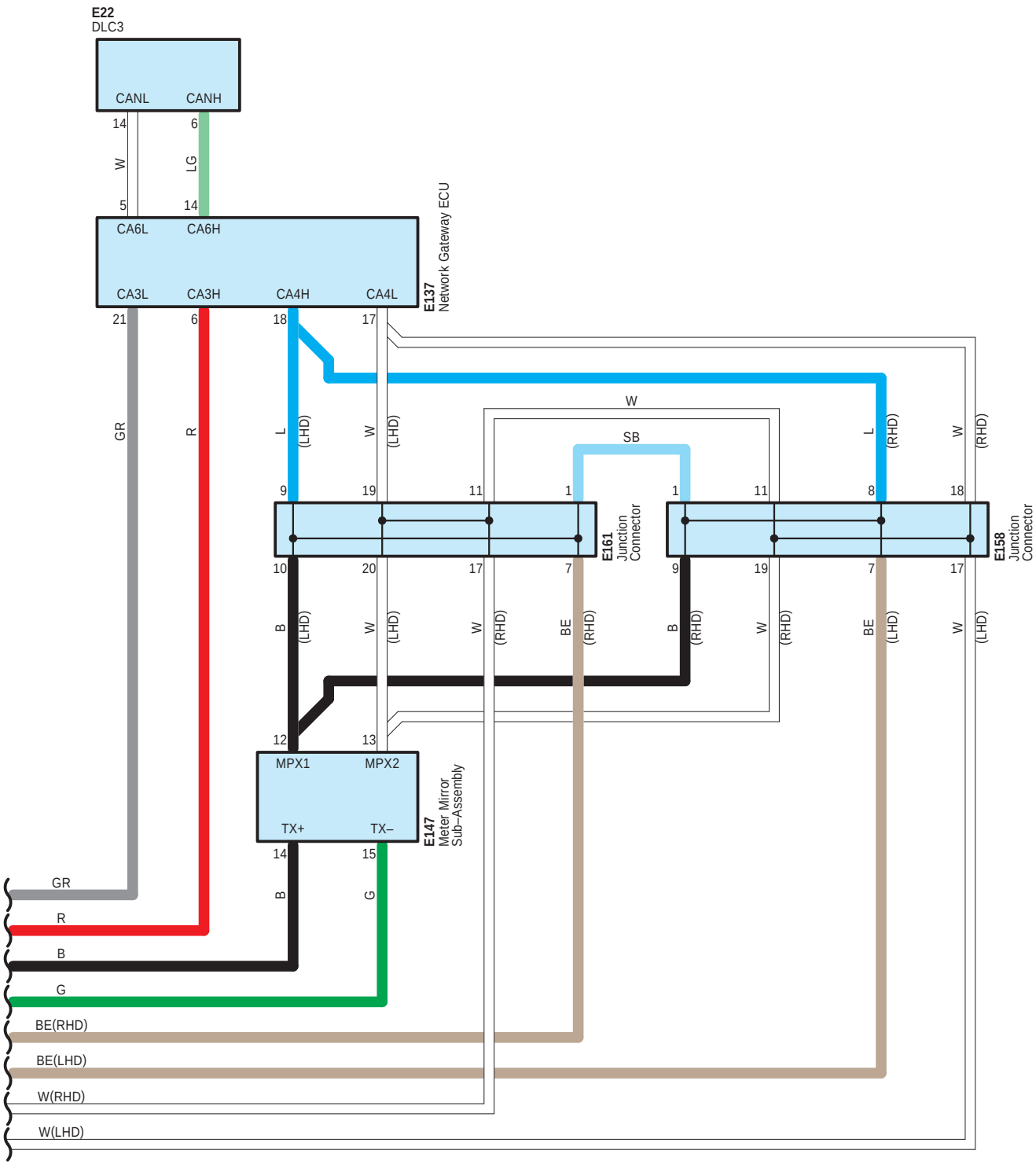

L74(B), L75(C), L76(D), L79(E), L80(F), L81(A), w1(G)
Multi–Display Controller Sub–Assembly
1 G 2 G 3 G 4 G 5 G 6 G 7 G 8 G 9 G 10 G 11 G 12 G 13 G 14 G 15 G 16 G 17 G 18 G 19 G
(*1)
1 B 2 B 3 B 4 B 5 B 6 B 7 B 8 B 9 B 10 B 11 B 12 B 13 B 14 B 15 B 16 B 17 B 18 B 19 B
P1(A), w2(B)
Headphone Terminal
G(*1)
LG(*1)
B(*1)
R(*1)
GR
R
B
G
BE(RHD)
BE(LHD)
W(RHD)
W(LHD)
V
G



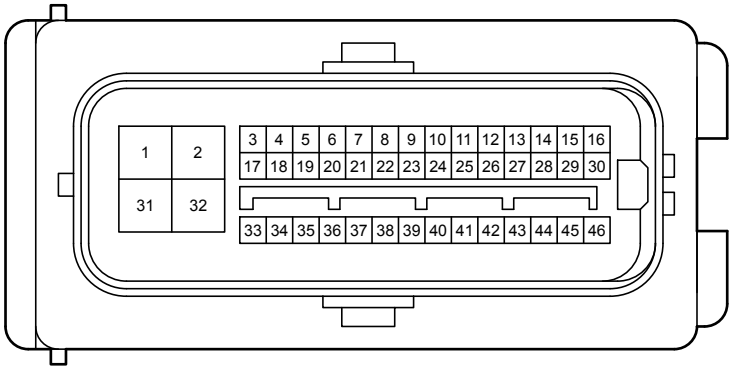
* 1 : w/ Rear Seat Entertainment System
* 3 : Shielded


L74(B), L75(C), L76(D), L79(E), L80(F), L81(A), w1(G)
Multi–Display Controller Sub–Assembly
TX2+
TX2–
PWR2
GND2
GND4
PWR1
MD0
GND1
GND3
TX1+
TX1–
EL1
EK2
Kc2
Lc2
c68(A), c76(B)
Television Display Assembly LH
c66(A), c75(B)
Television Display Assembly RH
GND
GND6
GVIF
IMTL
MUT2
MUT1
MUTE
IMTR
VMTR
B(*1)
W(*1)
G(*1)
LG(*1)
R(*1)
GR
R
B
G
BE(RHD)
BE(LHD)
W(RHD)
W(LHD)
V

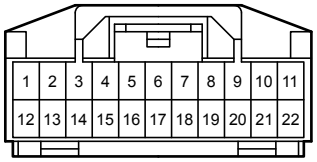

L74(B), L75(C), L76(D), L79(E), L80(F), L81(A), w1(G)
Multi–Display Controller Sub–Assembly
VMTR
GND
GND5
+B2
+B
(BAT)
10A
RSE
(ACC)
10A
ECU–ACC
NO. 1
(BAT)
10A
MPX–B
NO. 2
FL1
AL1
EV1
EA1
EV2
ACC
+B
MO+
MO–
GND
V11
Remote Operation Switch
∗1 : w/ Rear Seat Entertainment System
R(∗1)
GR
R
B
G
BE(RHD)
BE(LHD)
W(RHD)
W(LHD)
V
G
L72
Junction Connector
L5
E3
E1
(RHD)
(LHD)


E22
DLC3
CANL
CANH
14
6
W
LG
5
14
CA6L
CA6H
CA3L
CA3H
CA4H
CA4L
E137
Network Gateway ECU
21
6
18
17
GR
R
L
(LHD)
W
(LHD)
W
SB
L
(RHD)
W
(RHD)
9
19
11
1
1
11
8
18
E161
Junction
Connector
E158
Junction
Connector
10
20
17
7
9
19
7
17
B
(LHD)
W
(LHD)
W
(RHD)
BE
(RHD)
B
(RHD)
W
(RHD)
BE
(LHD)
W
(LHD)
12
13
MPX1
MPX2
TX+
TX–
E147
Meter Mirror
Sub–Assembly
14
15
B
G
GR
R
B
G
BE(RHD)
BE(LHD)
W(RHD)
W(LHD)

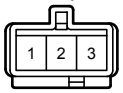
A 24
Black



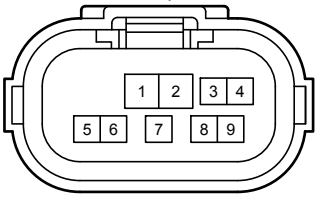
A 37
Blue



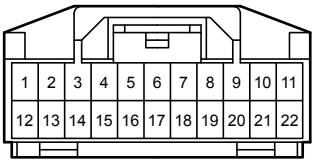
A 75
Gray



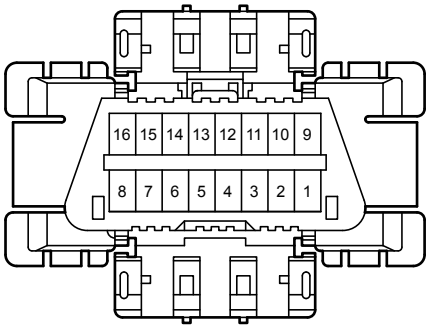
C 19
Gray



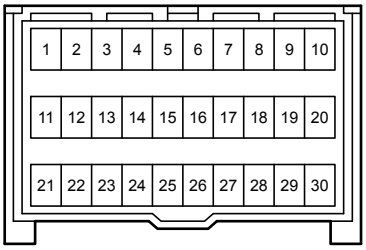
C 52
Blue



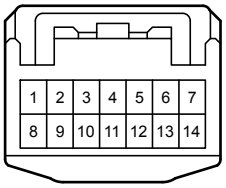
E 22
White



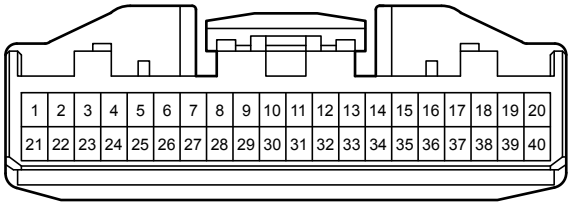
E 47
Yellow



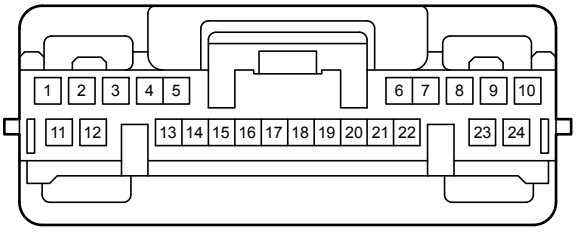
E102
Black



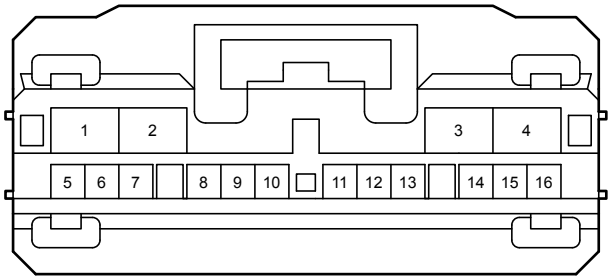
E120
Black



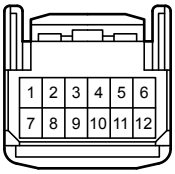
E137
Black



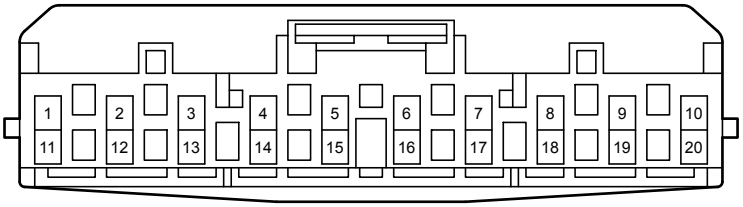
E147
White



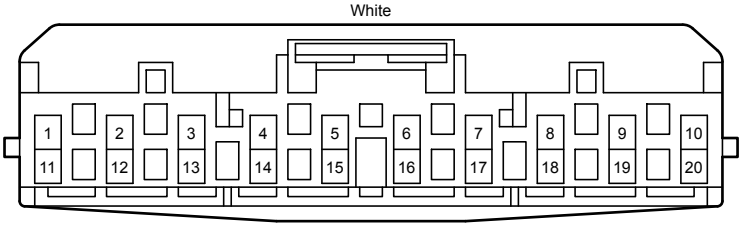
E152
White



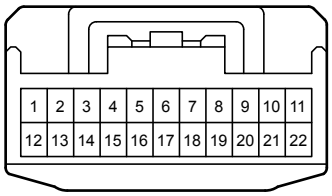
E158
White



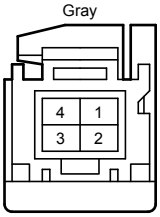
E161
White



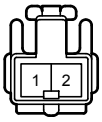
E163
Black



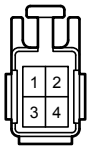
E167
Gray



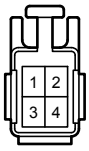
F 6
White



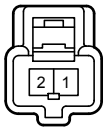
F 7
White



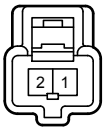
F 8
White



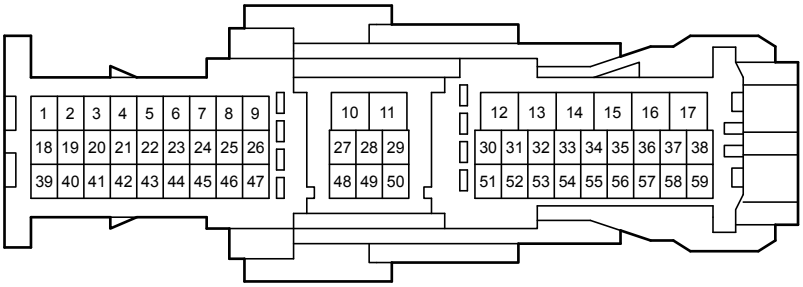
F 13
White



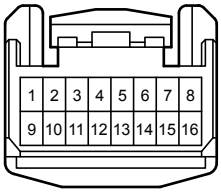
F 14
White



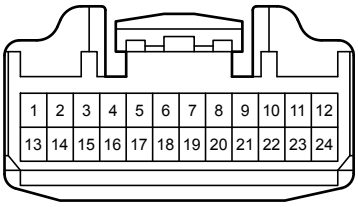
F 76
White



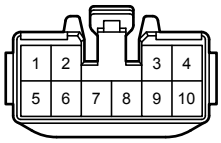
F 77
White



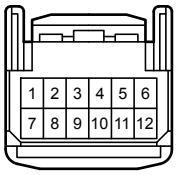
F 78
White



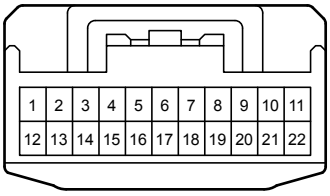
F 89
White



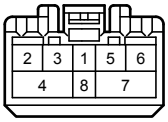
F 96
White



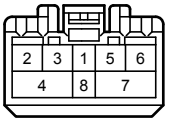
F 98
Black



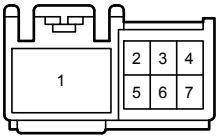
F101
White



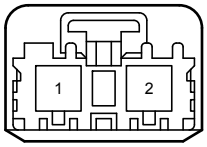
F102
White



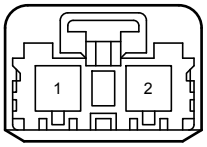
F103
White



F104
Brown



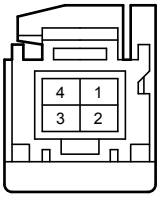
F105
Green



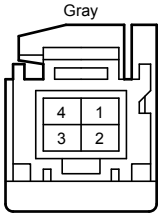
F106
Blue

F107
Blue

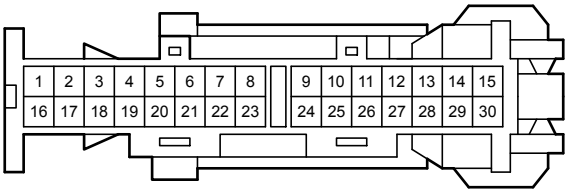
F108
Gray



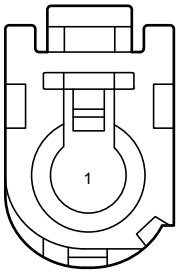
F109
Gray



F116
White



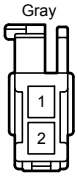
F117
White



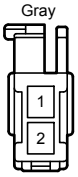
I 1
White

I 10
White

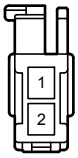
J 1
Gray



J 8
Gray

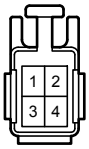


J 15
White

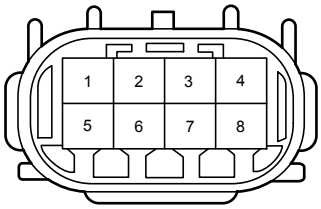


J 17
White

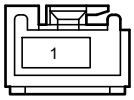
L 4
White



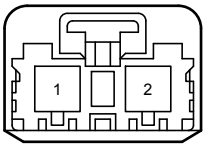
L 72
Black



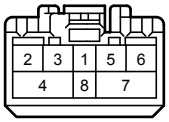
L 74
Blue



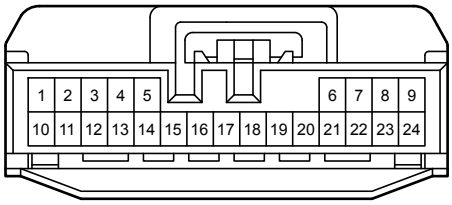
L 75
Blue



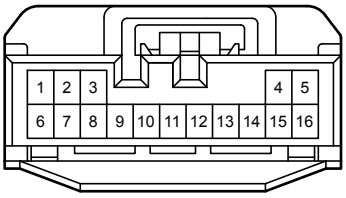
L 76
Brown



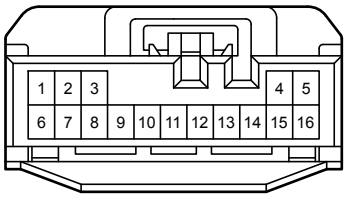
L 79
White



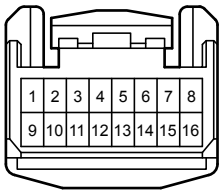
L 80
White



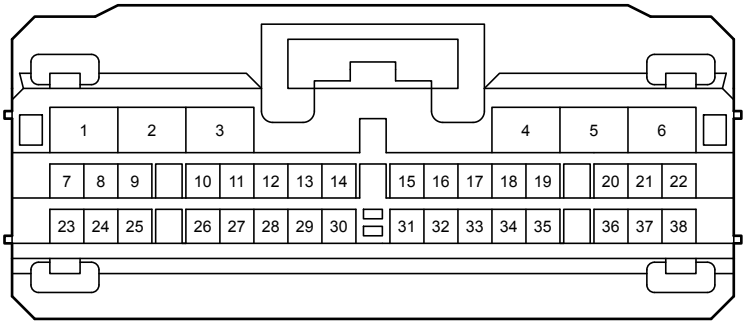
L 81
White



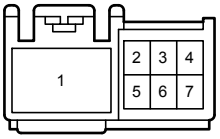
P 1
White



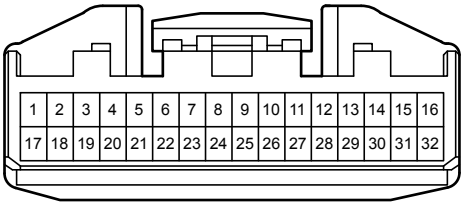
P 2
White



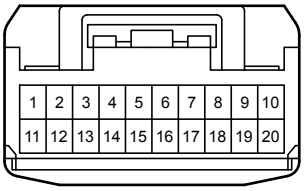
P 7
White



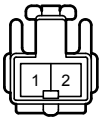
R 7
White



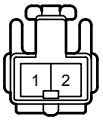
R 12
White



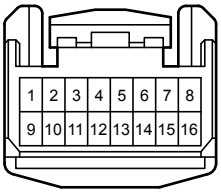
S 8
Blue



S 9
Blue

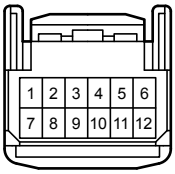


V 11
White

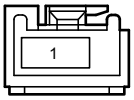


c 66
White

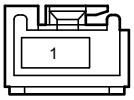
c 68
White



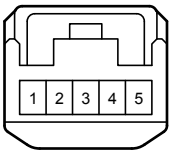
c 75
Blue



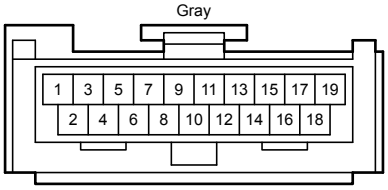
c 76
Blue



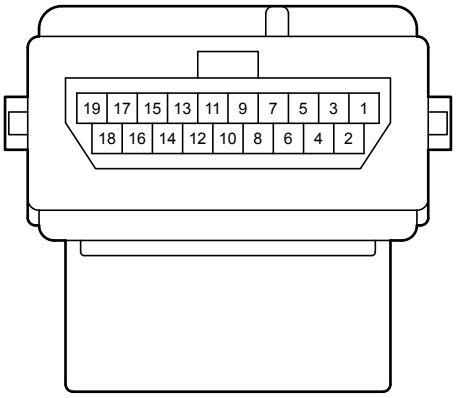
j 1
White



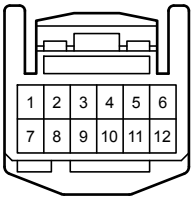
w 1
Gray



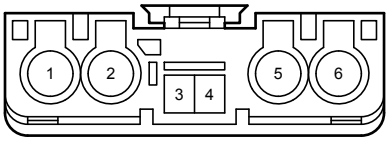
w 2
Black



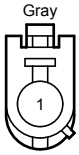
z 65
Black



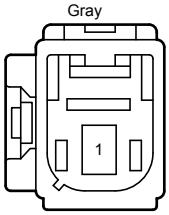
z 69
White



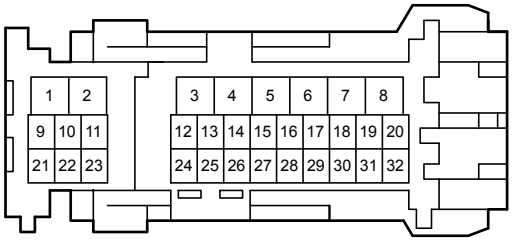
z 70
Gray



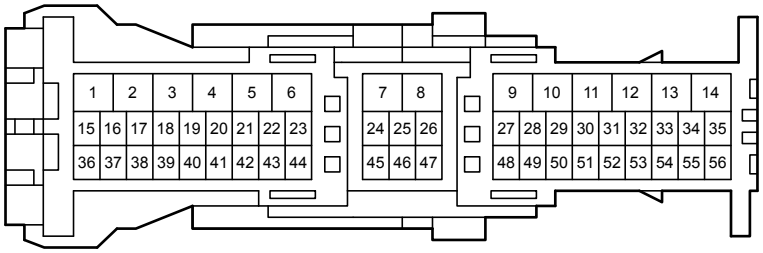
z 71
Gray



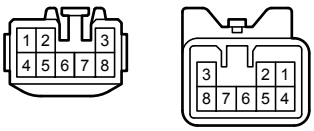
2H
White



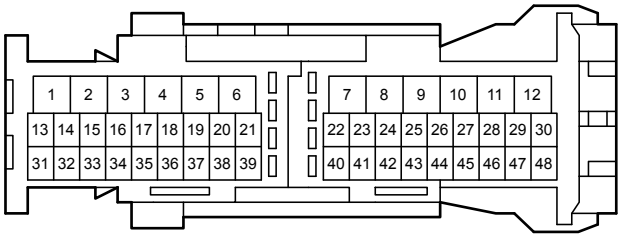
2I
White

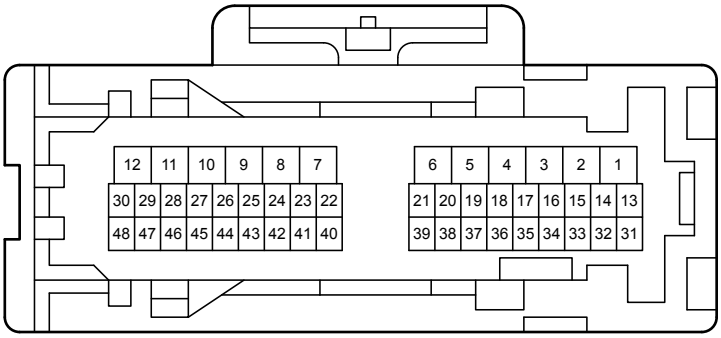


AL1
White

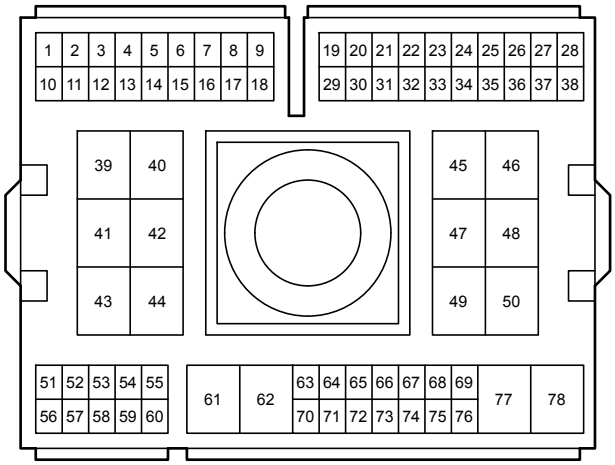


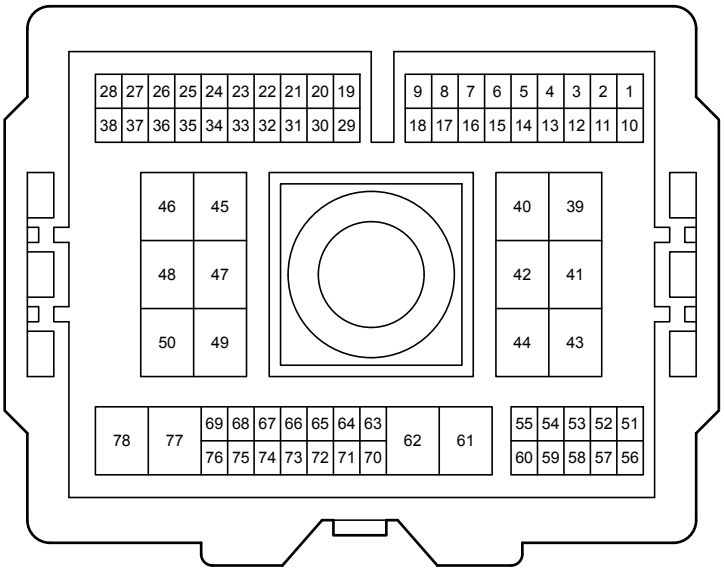
CA4
White

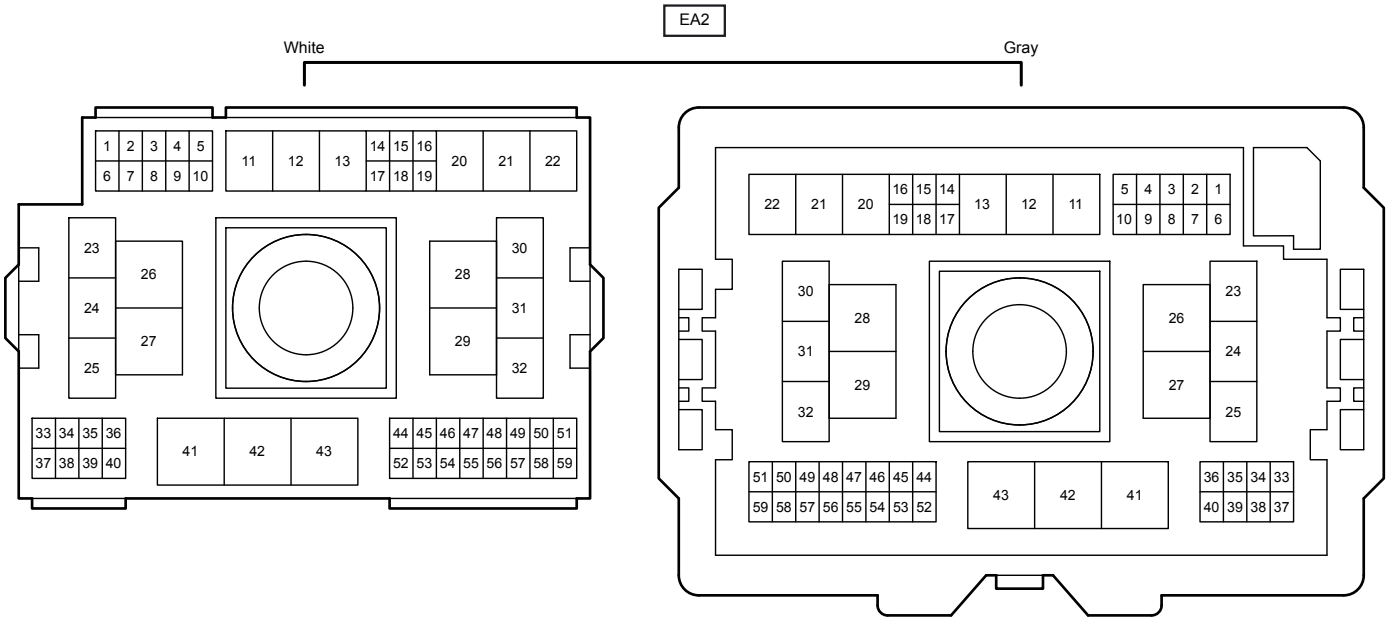


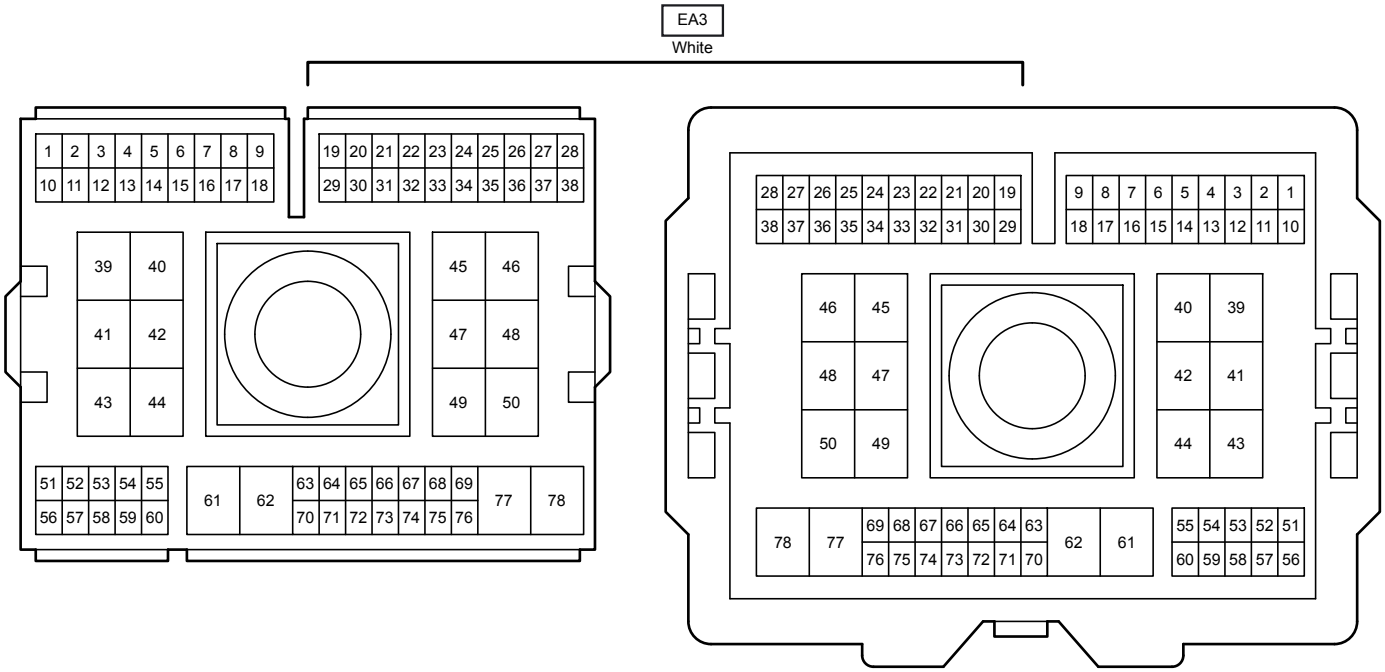


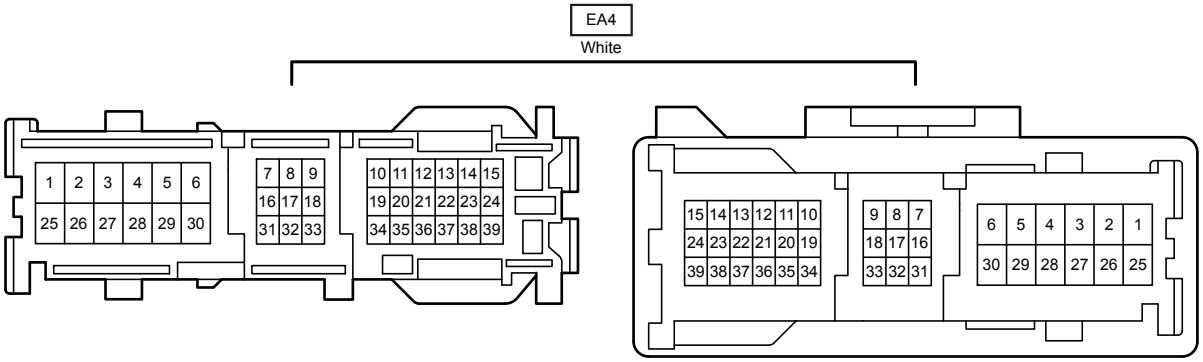
EA1
White

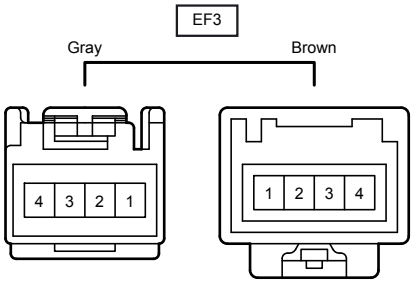


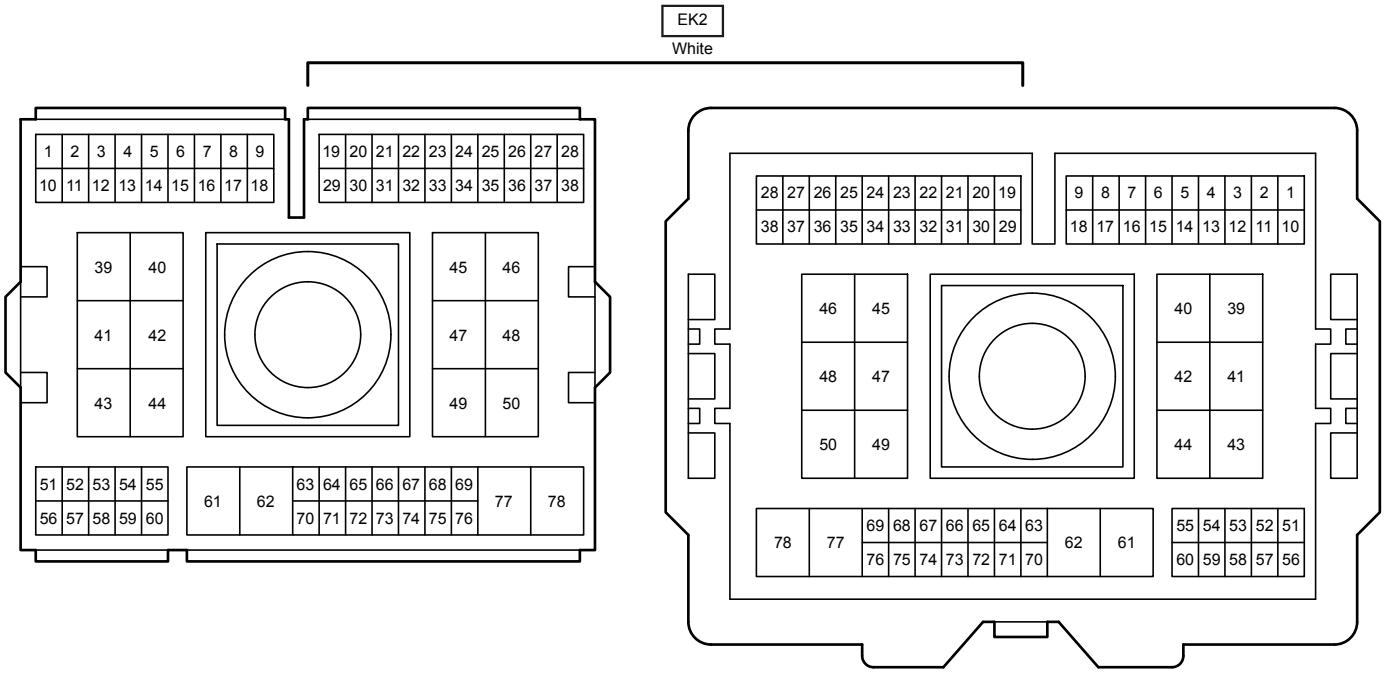


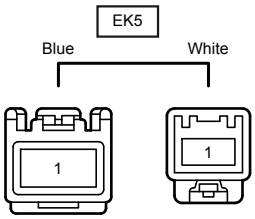

EA2
White
Gray

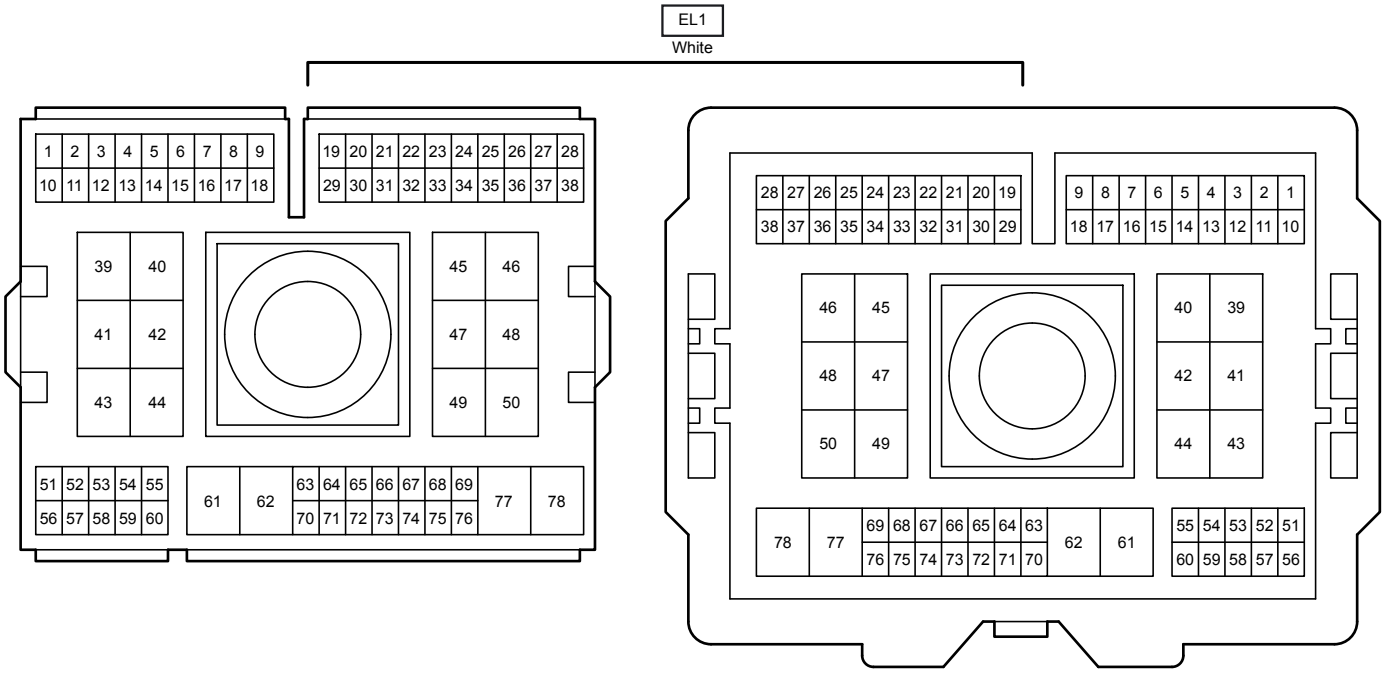

EA3
White

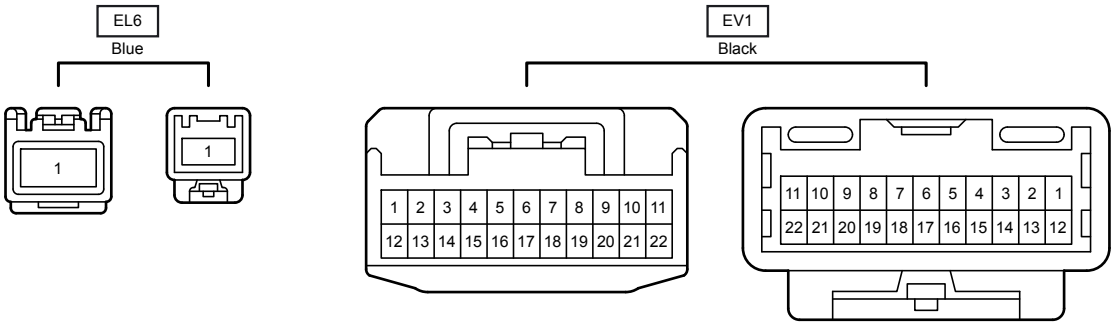

EA4
White

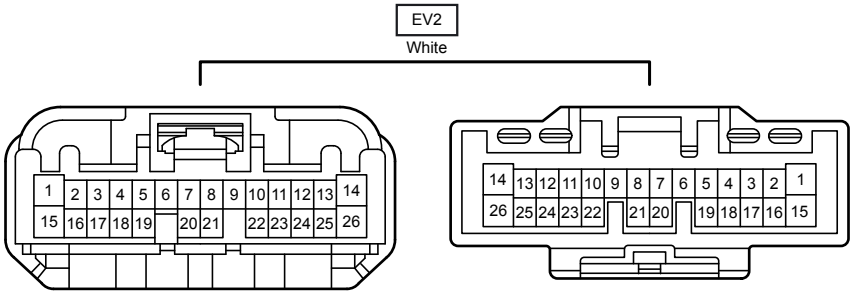

EF3
Gray
Brown
4 3 2 1
1 2 3 4

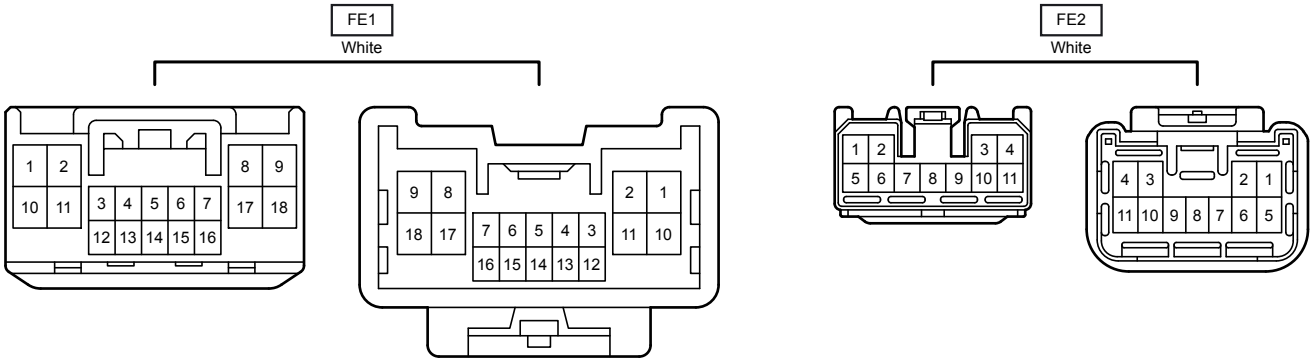

EK2
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45
48 47
50 49
40 39
42 41
44 43
78 77
69 68 67 66 65 64 63
76 75 74 73 72 71 70
62 61
55 54 53 52 51
60 59 58 57 56


EK5
Blue
White
1
1

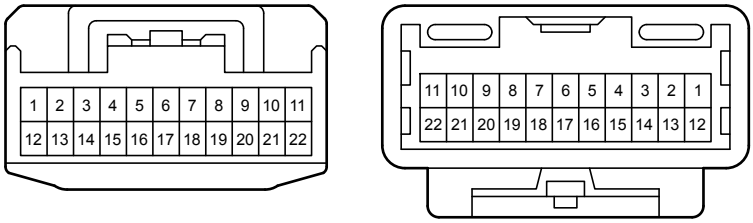

EL1
White


EL6
Blue
EV1
Black

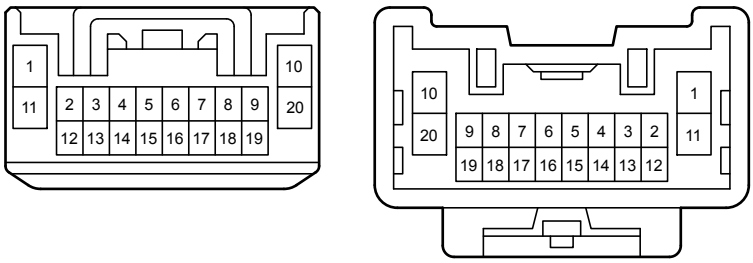

EV2
White


FE1
White
FE2
White

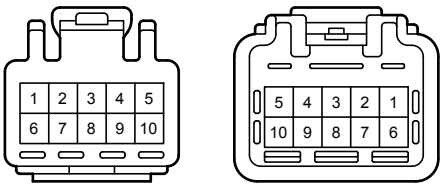
FE3
White



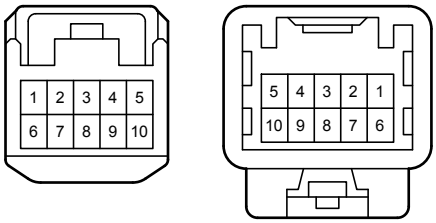
FE4
White



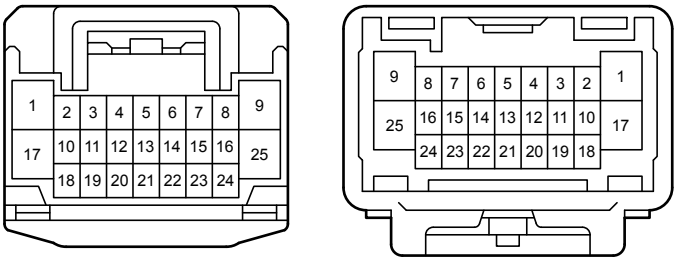
FE5
White



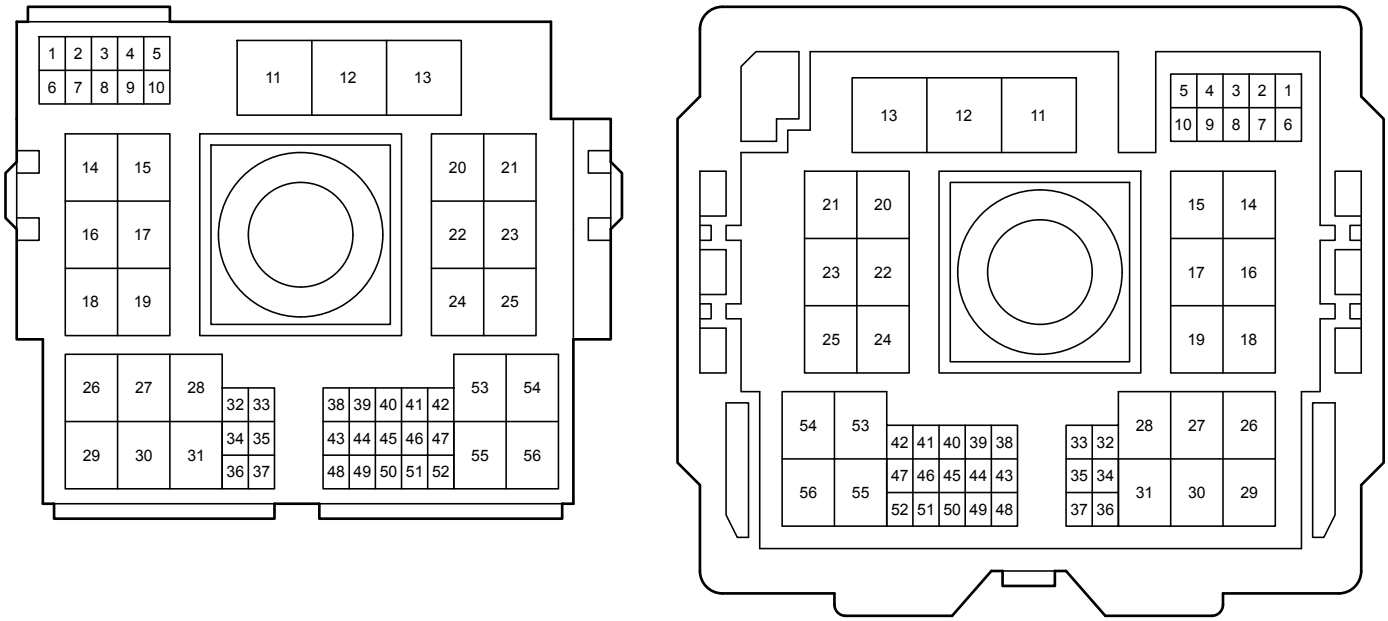
FE6
White

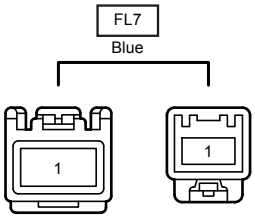


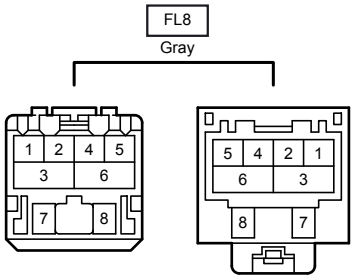
FE7
White

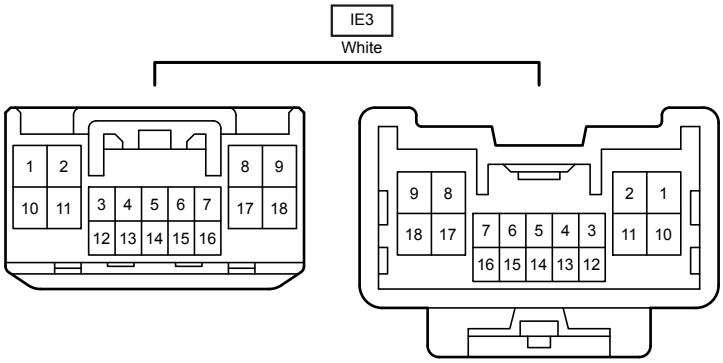


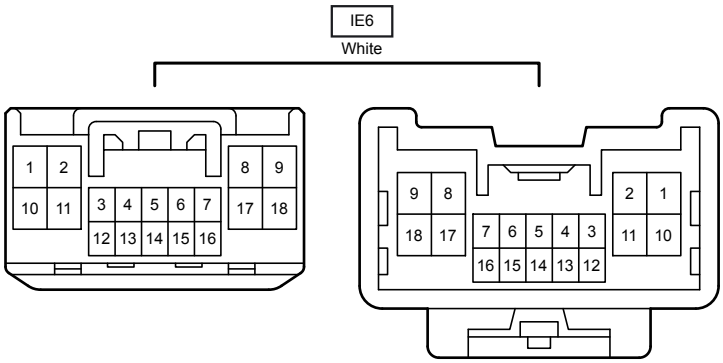
FL1
White Blue

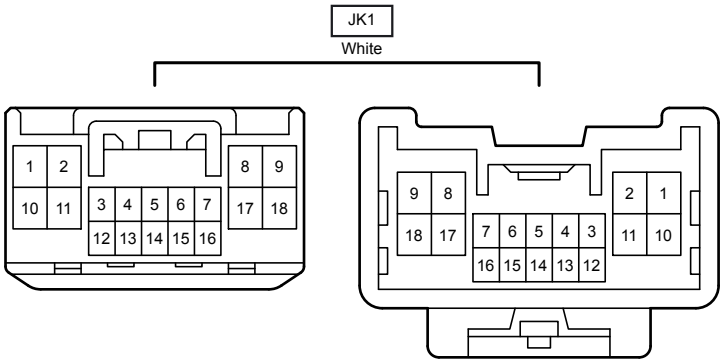


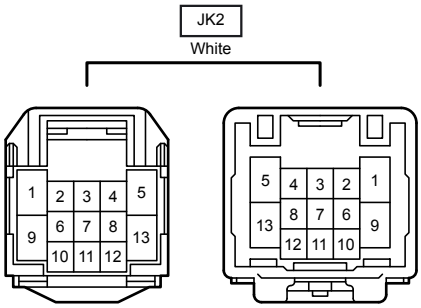

FL7
Blue
1
1

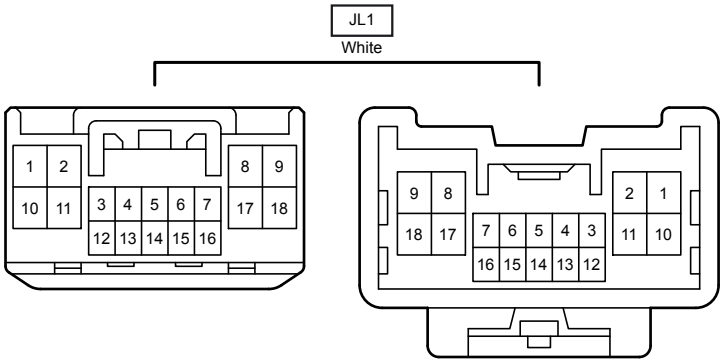

FL8
Gray
1 2 4 5
3 6
7 8
5 4 2 1
6 3
8 7

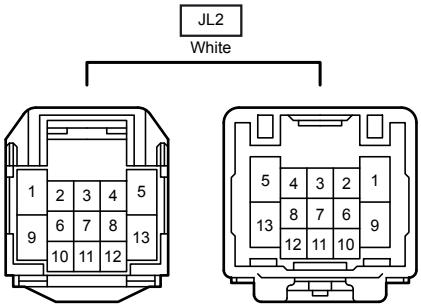

IE3
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10

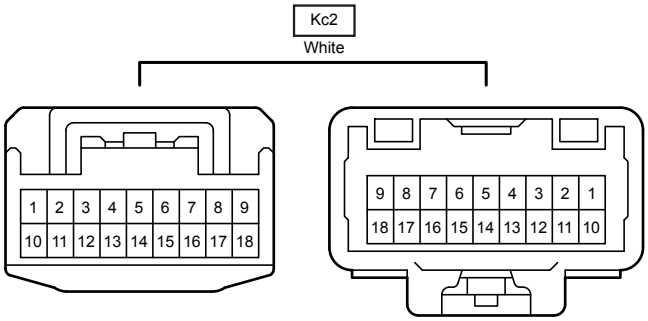

IE6
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10

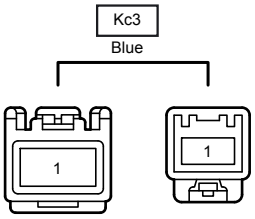

JK1
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10

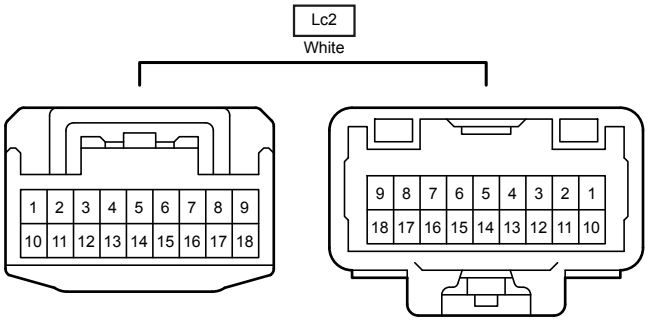

JK2
White
1 2 3 4 5
9 6 7 8 13
10 11 12
5 4 3 2 1
13 8 7 6 9
12 11 10

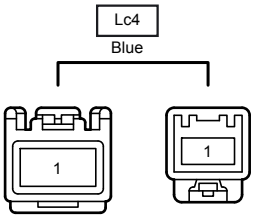

JL1
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10

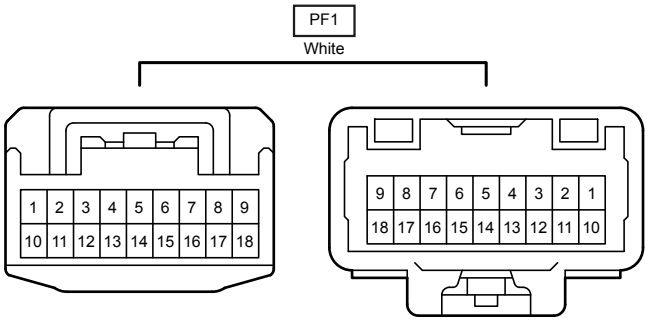

JL2
White
1 2 3 4 5
9 6 7 8 13
10 11 12
5 4 3 2 1
13 8 7 6 9
12 11 10

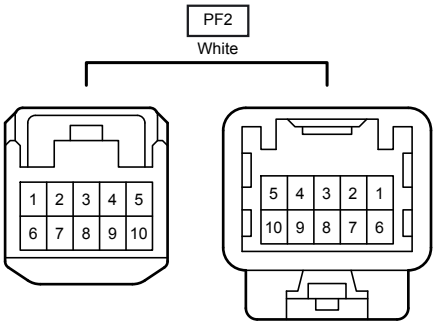

Kc2
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10

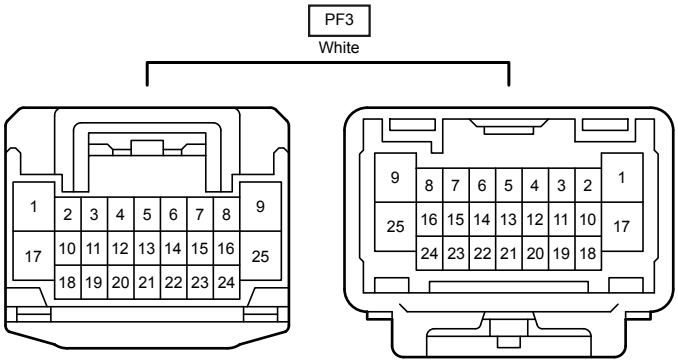

Kc3
Blue
1
1

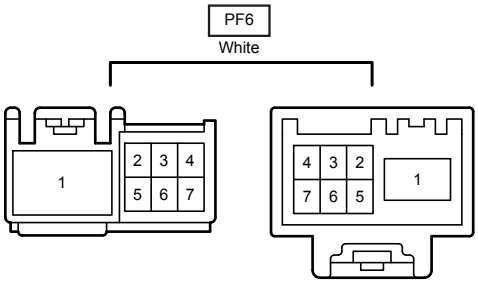

Lc2
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10

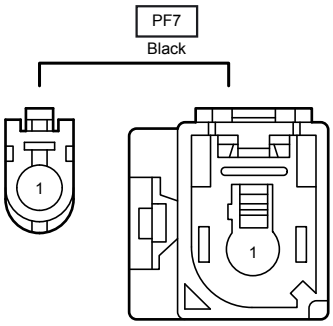

Lc4
Blue
1
1

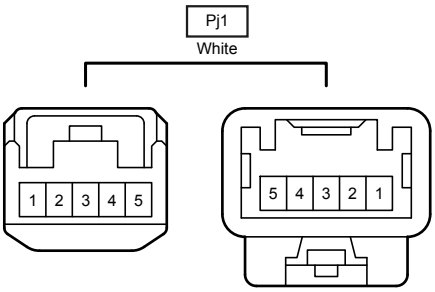

PF1
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10

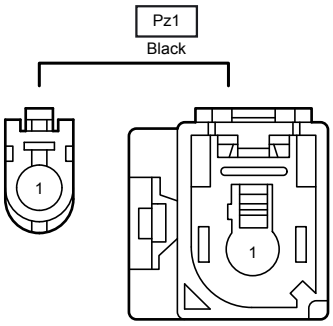

PF2
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

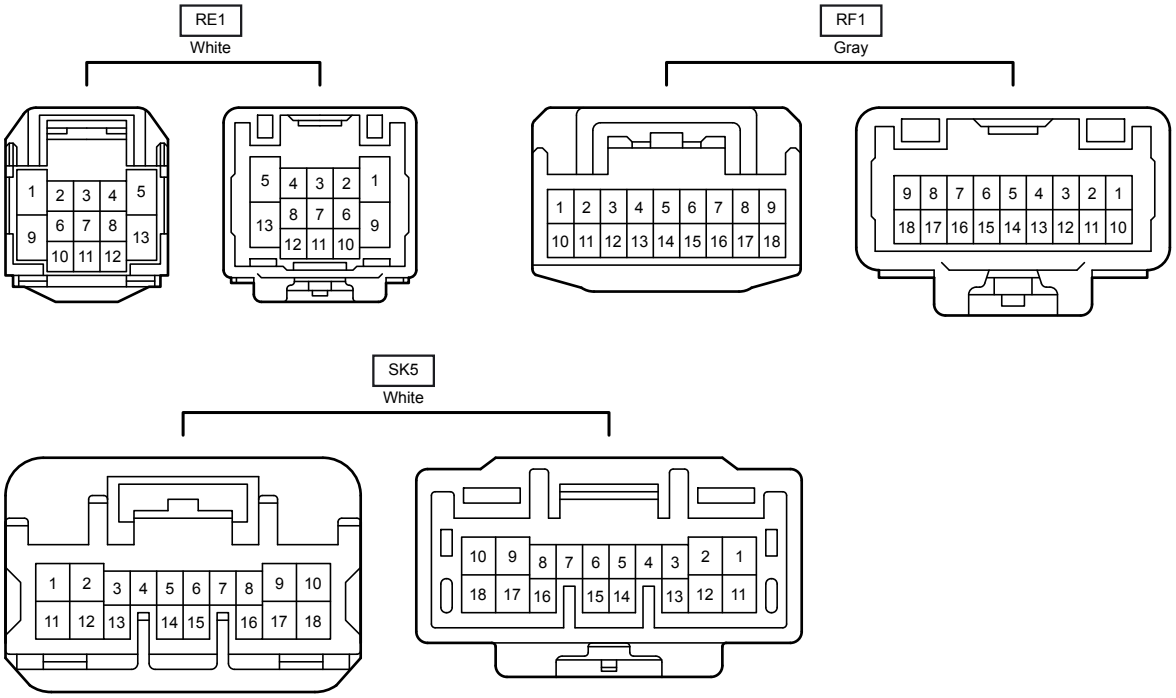

PF3
White
1 2 3 4 5 6 7 8 9
17 10 11 12 13 14 15 16 25
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18


PF6
White
1
2 3 4
5 6 7
4 3 2
7 6 5
1


PF7
Black
1
1


Pj1
White
1 2 3 4 5
5 4 3 2 1


Pz1
Black
1
1


RE1
White
RF1
Gray
SK5
White