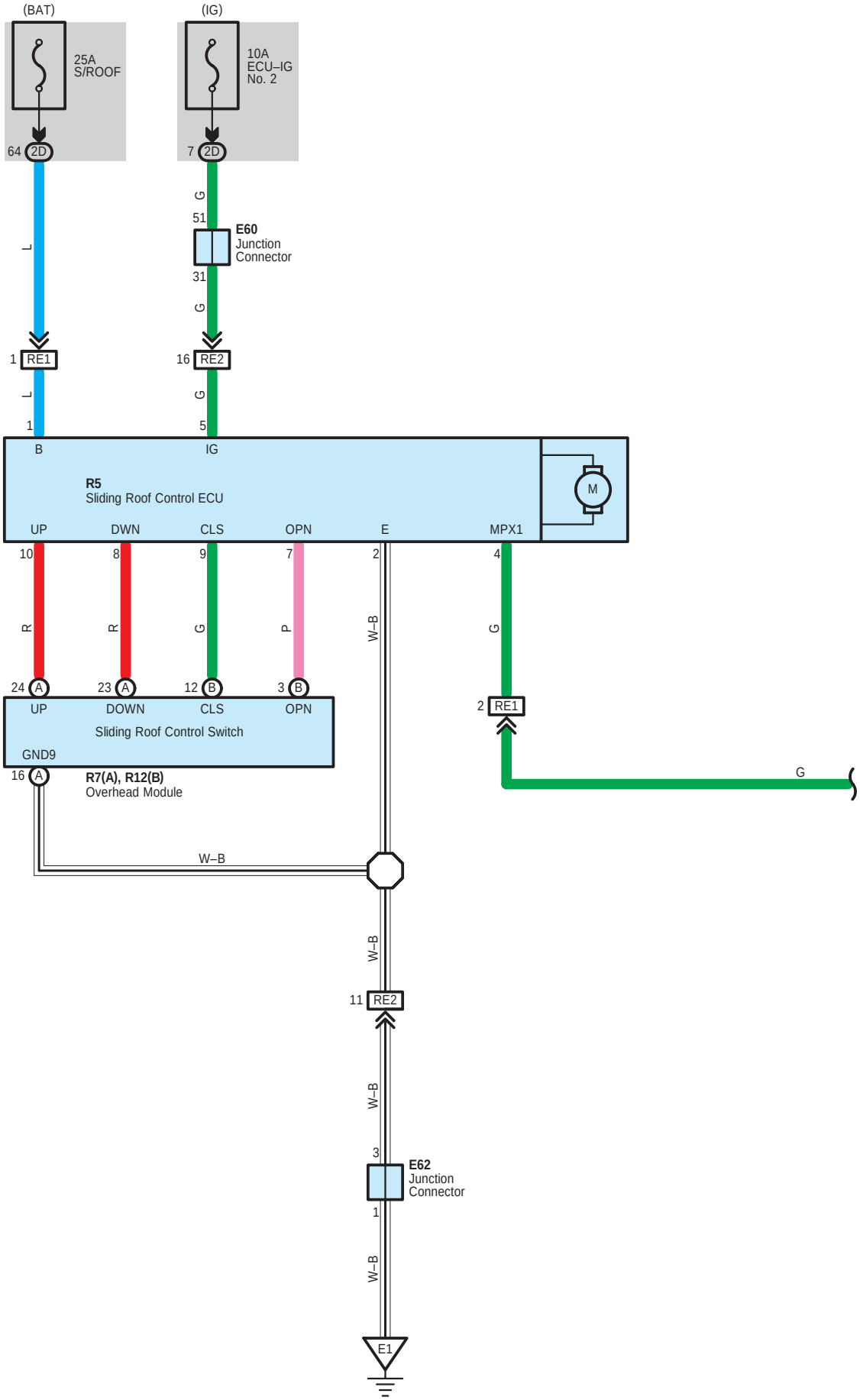
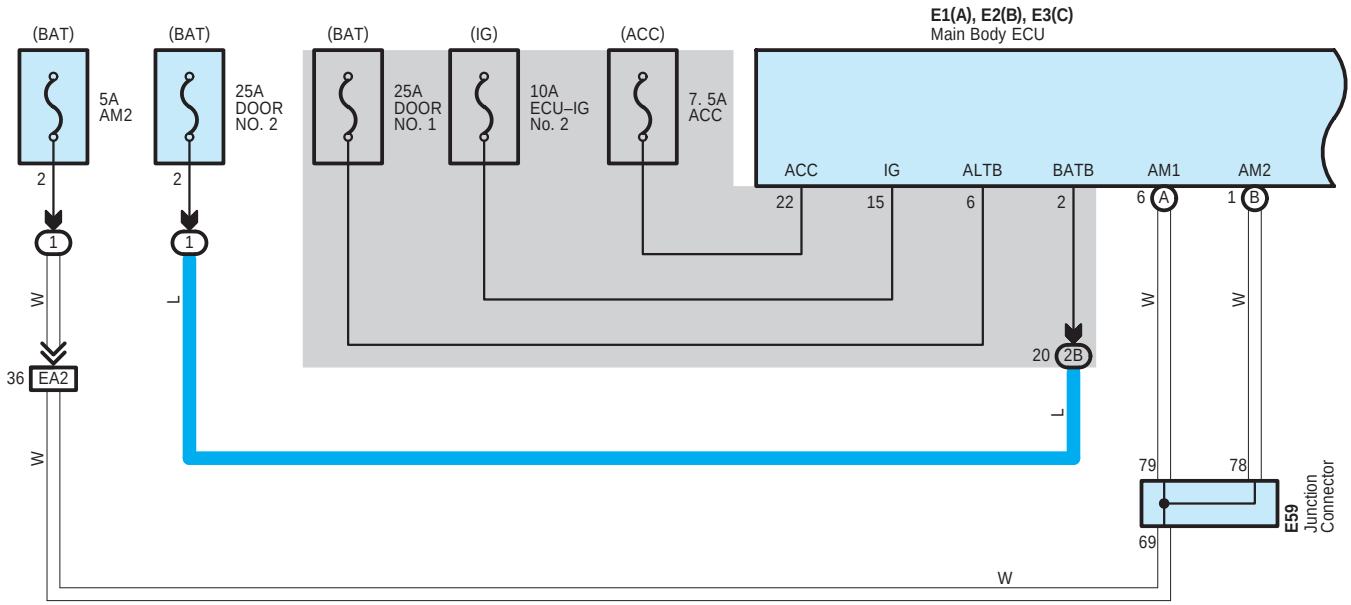
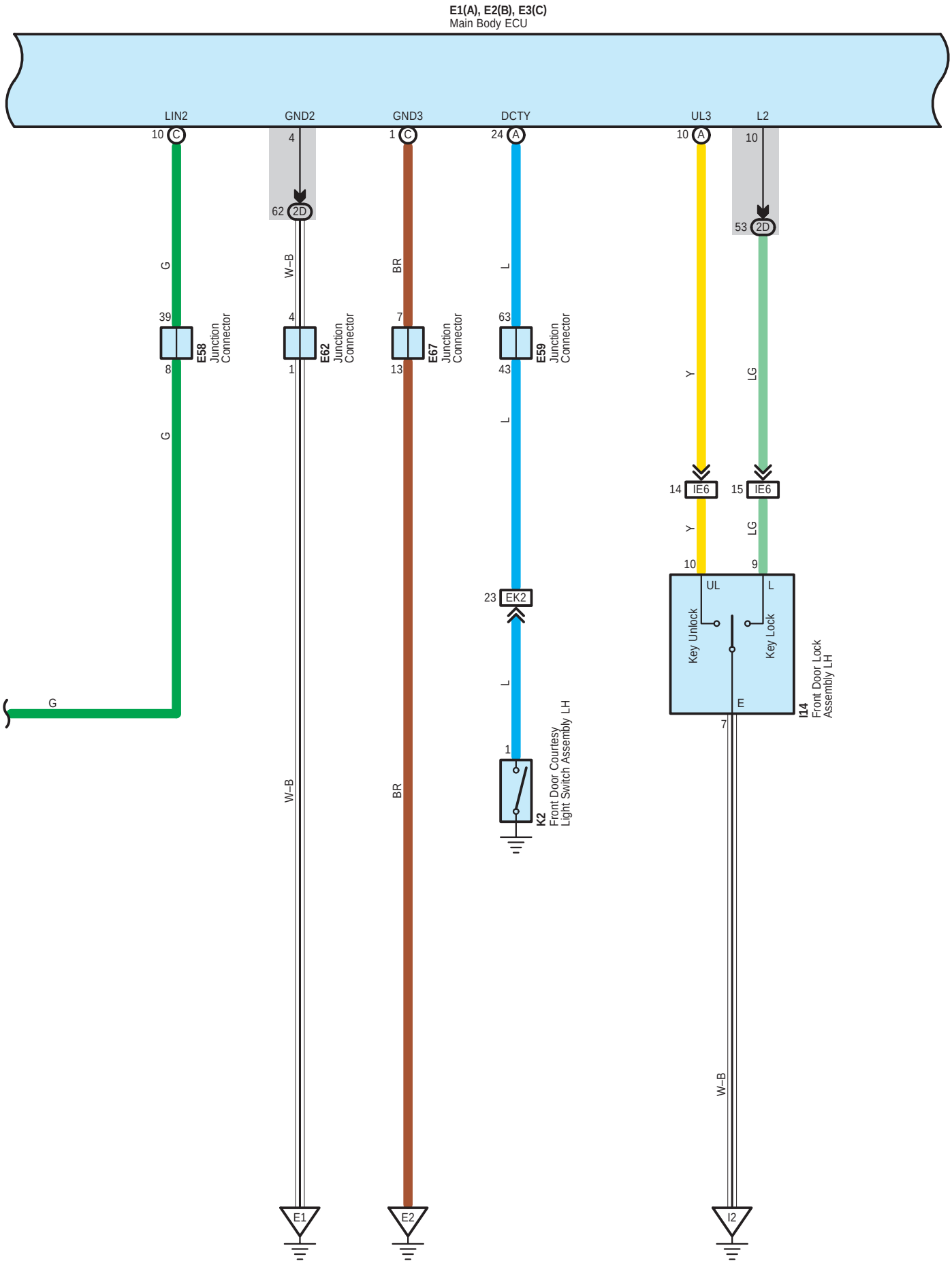
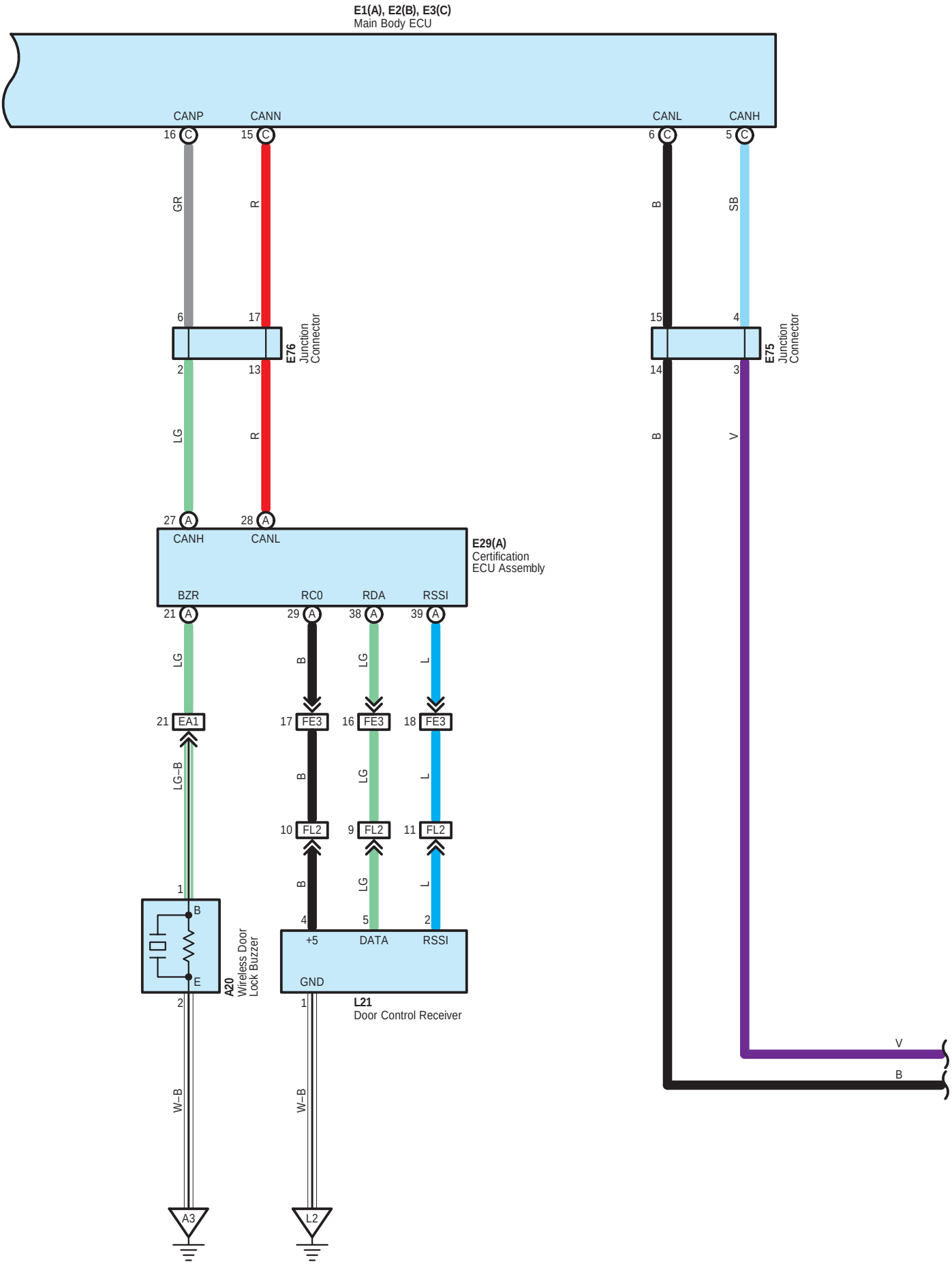
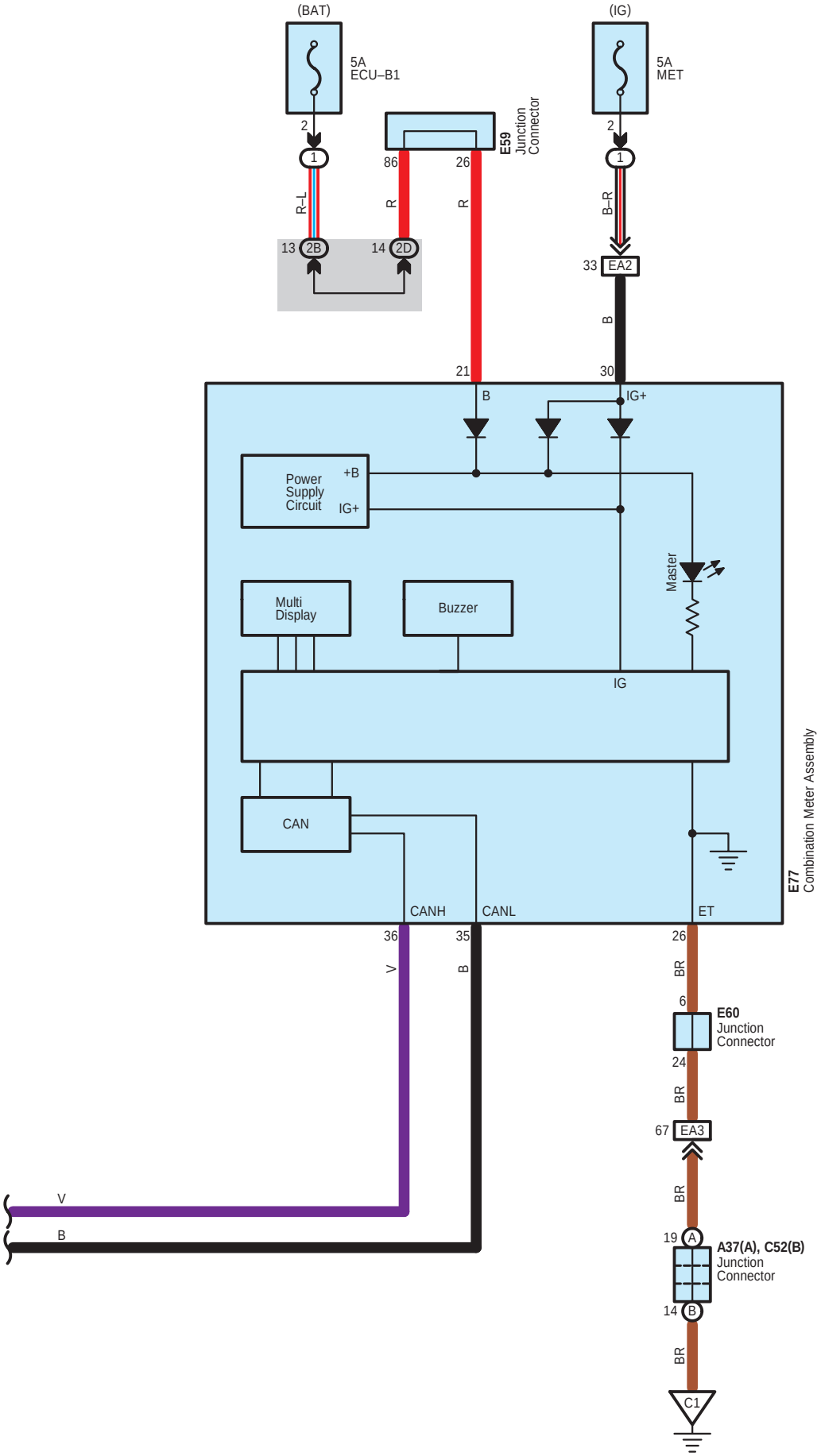

(BAT)
25A
S/ROOF
64 2D
(IG)
10A
ECU–IG
No. 2
7 2D
G
51
E60
Junction
Connector
31
G
L
1 RE1
16 RE2
L
G
1
5
B
IG
R5
Sliding Roof Control ECU
M
UP
DWN
CLS
OPN
E
MPX1
10
8
9
7
2
4
R
R
G
P
W–B
G
24 A
23 A
12 B
3 B
UP
DOWN
CLS
OPN
Sliding Roof Control Switch
GND9
16 A
R7(A), R12(B)
Overhead Module
2 RE1
G
W–B
W–B
11 RE2
W–B
3
E62
Junction
Connector
1
W–B
E1


(BAT)
(BAT)
(BAT)
(IG)
(ACC)
5A
AM2
25A
DOOR
NO. 2
25A
DOOR
NO. 1
10A
ECU–IG
No. 2
7. 5A
ACC
E1(A), E2(B), E3(C)
Main Body ECU
ACC
IG
ALTB
BATB
AM1
AM2
22
15
6
2
6 A
1 B
2
2
1
1
W
L
36 EA2
20 2B
W
W
W
L
79
78
69
E59
Junction
Connector
W

G
G

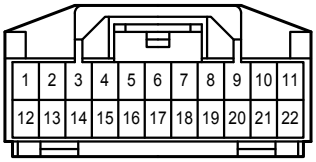

E1(A), E2(B), E3(C)
Main Body ECU
LIN2
GND2
GND3
DCTY
UL3
L2
10 C
4
1 C
24 A
10 A
10
62 2D
53 2D
G
W–B
BR
L
Y
LG
39
8
E58
Junction
Connector
4
1
E62
Junction
Connector
7
13
E67
Junction
Connector
63
43
E59
Junction
Connector
14 IE6
15 IE6
10
9
UL
L
Key Unlock
Key Lock
E
7
I14
Front Door Lock
Assembly LH
23 EK2
1
K2
Front Door Courtesy
Light Switch Assembly LH
G
W–B
BR
W–B
E1
E2
I2


E1(A), E2(B), E3(C)
Main Body ECU
CANP
CANN
CANL
CANH
16 C
15 C
6 C
5 C
GR
R
B
SB
6
17
15
4
E76
Junction
Connector
E75
Junction
Connector
2
13
14
3
LG
R
B
V
27 A
28 A
CANH
CANL
E29(A)
Certification
ECU Assembly
BZR
RC0
RDA
RSSI
21 A
29 A
38 A
39 A
LG
B
LG
L
21 EA1
17 FE3
16 FE3
18 FE3
LG–B
B
LG
L
10 FL2
9 FL2
11 FL2
1
B
LG
L
4
5
2
B
E
+5
DATA
RSSI
GND
A20
Wireless Door
Lock Buzzer
2
1
L21
Door Control Receiver
V
B
W–B
W–B
A3
L2

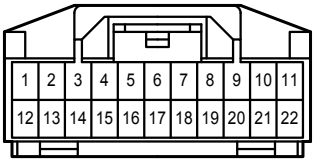

(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction
Connector
2
1
86
26
R–L
R
R
13
2B
14
2D
B–R
33
EA2
B
21
30
B
IG+
Power
Supply
Circuit
+B
IG+
Master
Multi
Display
Buzzer
IG
CAN
E77
Combination Meter Assembly
CANH
CANL
ET
36
35
26
V
B
BR
6
E60
Junction
Connector
24
BR
67
EA3
BR
19
A
A37(A), C52(B)
Junction
Connector
14
B
BR
C1
V
B

A 20
Black

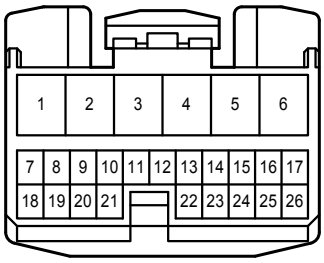
A 37
Blue



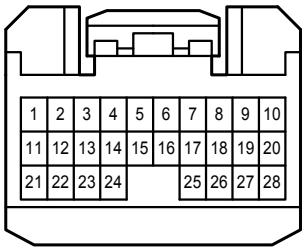
C 52
Blue



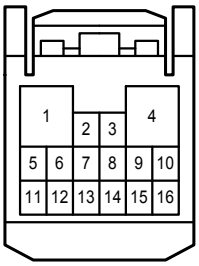
E 1
White



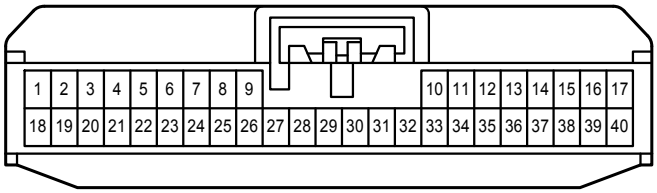
E 2
White



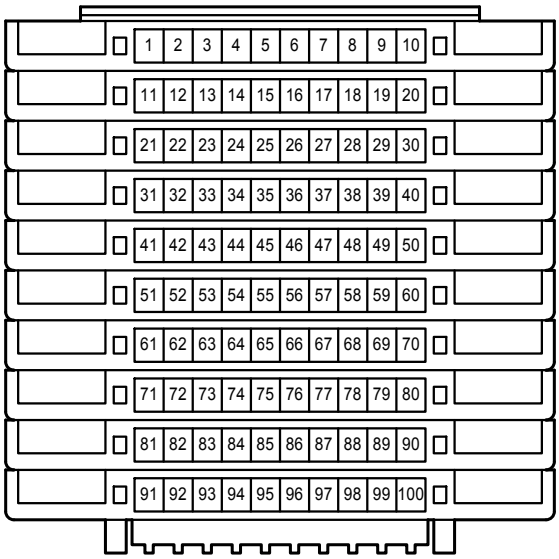
E 3
White



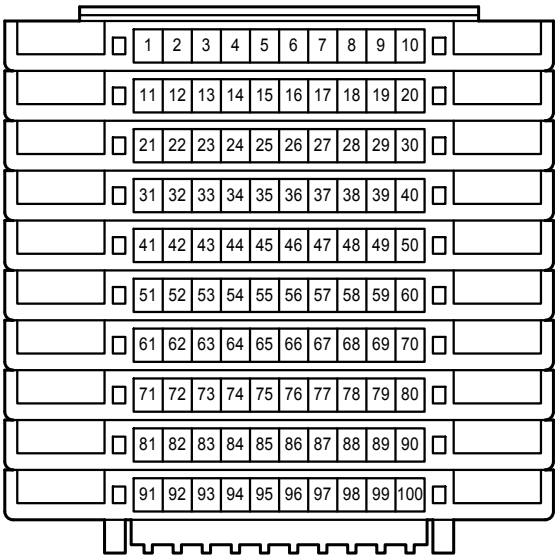
E 29
White



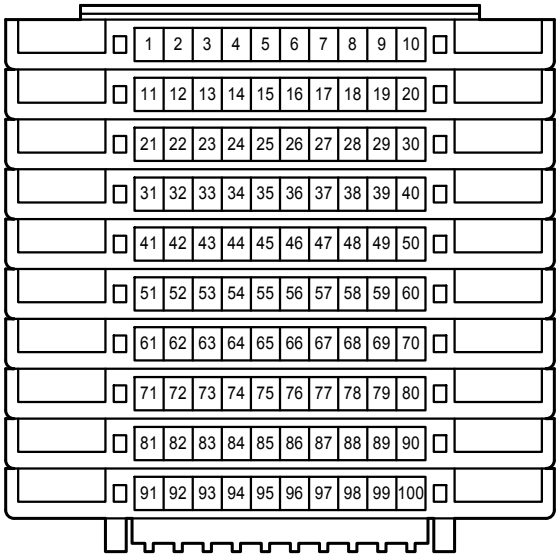
E 58
White



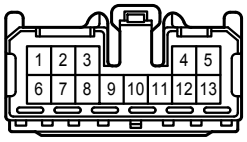
E 59
White



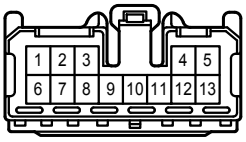
E 60
White



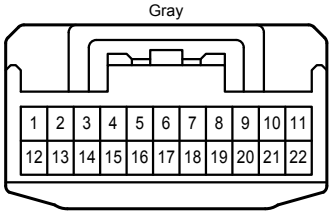
E 62
White



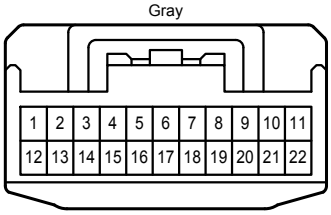
E 67
White



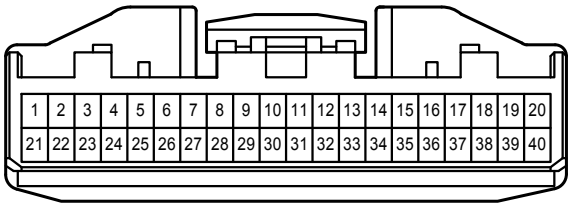
E 75
Gray



E 76
Gray



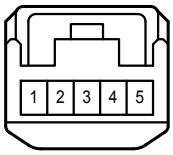
E 77
White



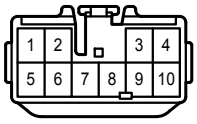
I 14
White

K 2
White

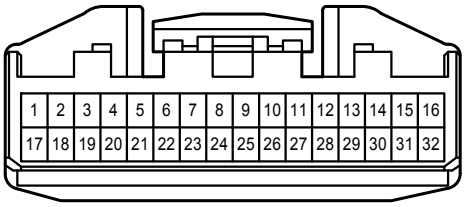
L 21
White



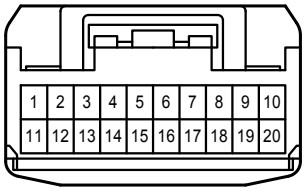
R 5
White



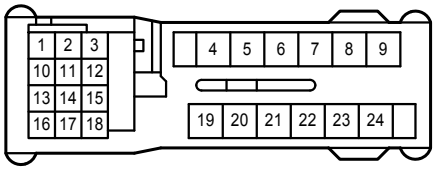
R 7
White

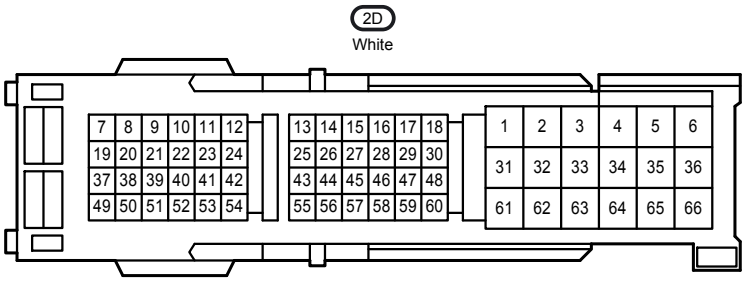


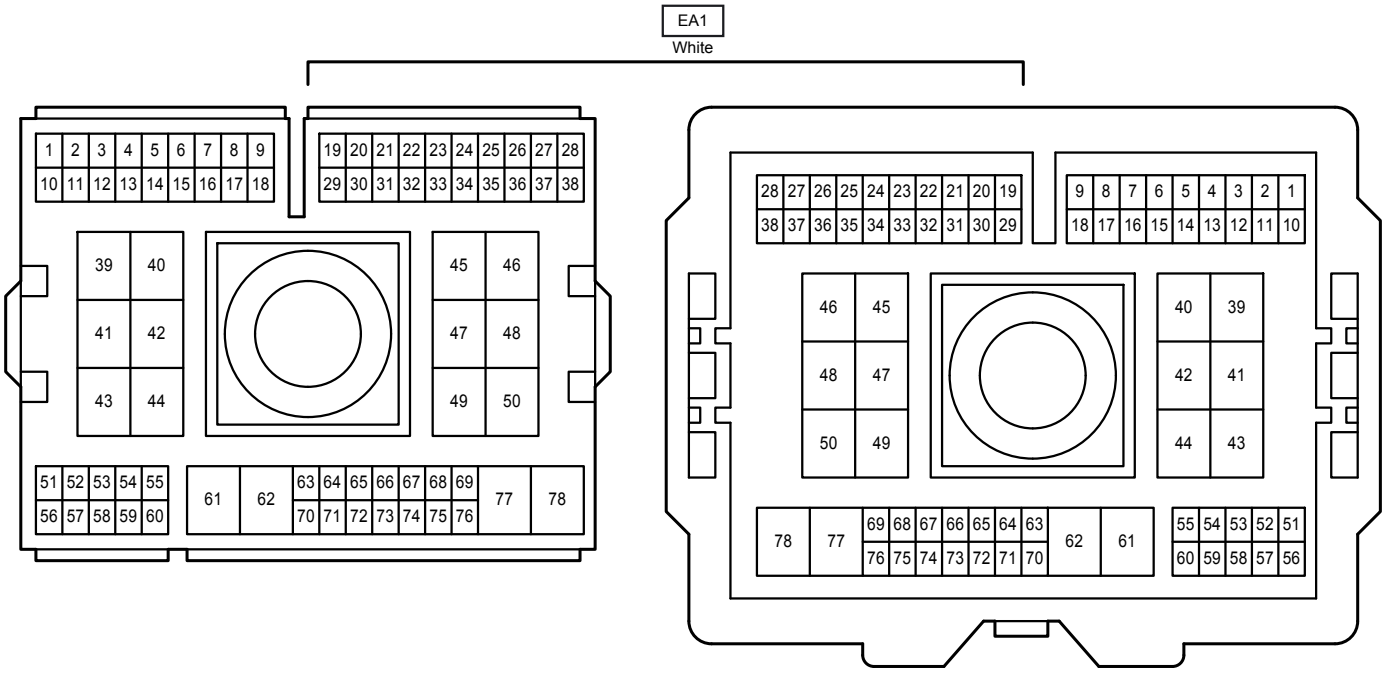
R 12
White

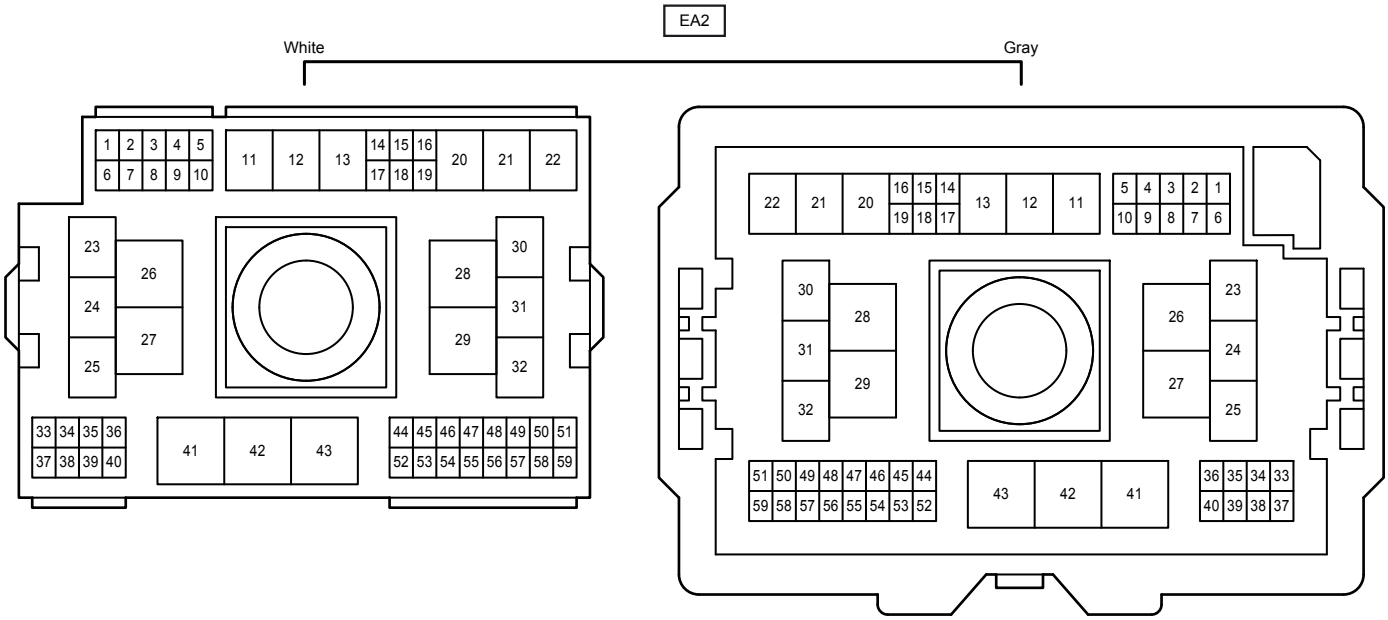


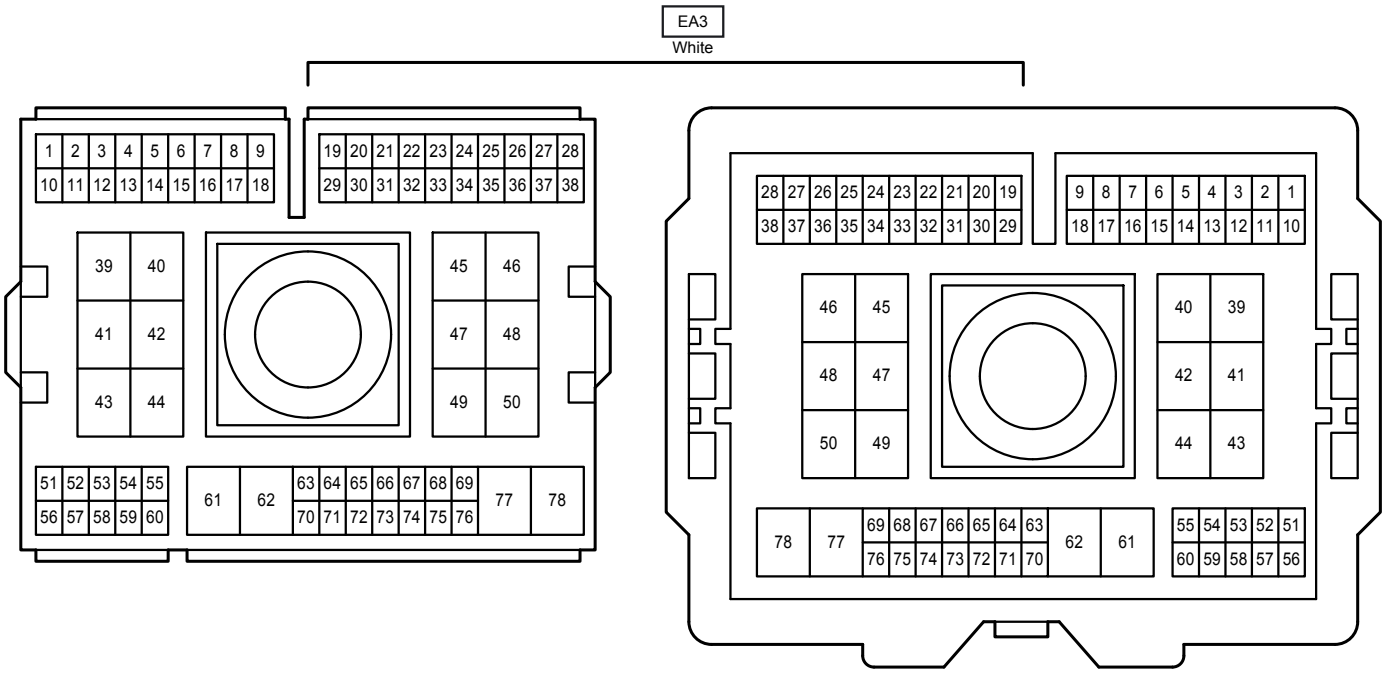
2B
White




2D
White


EA1
White


EA2
White
Gray


EA3
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
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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
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44 43
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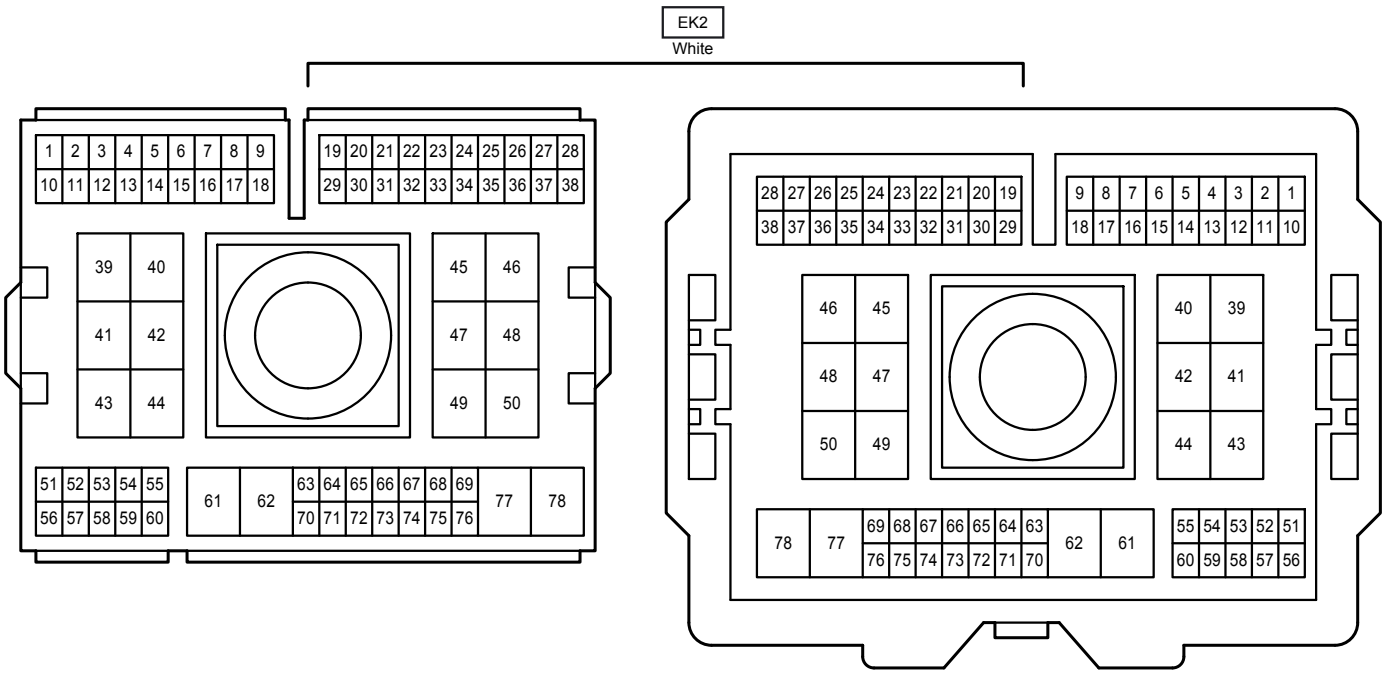
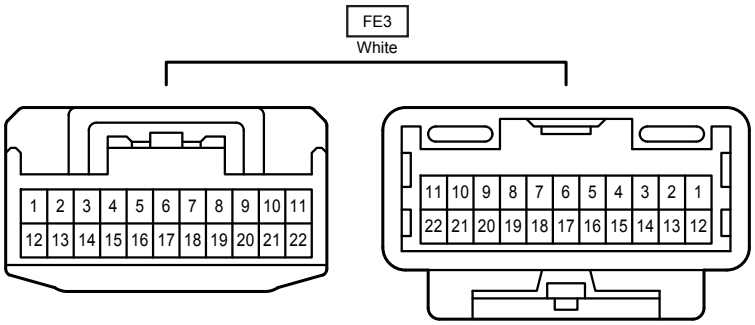
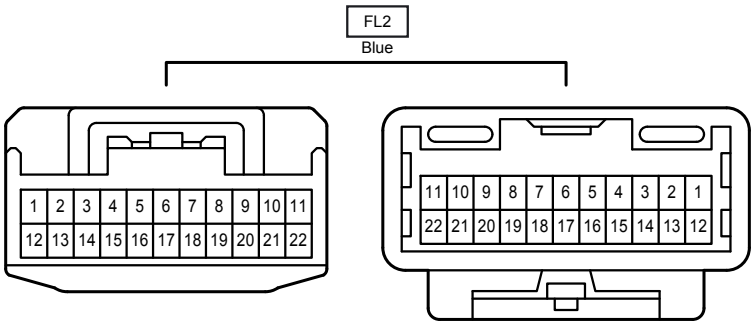
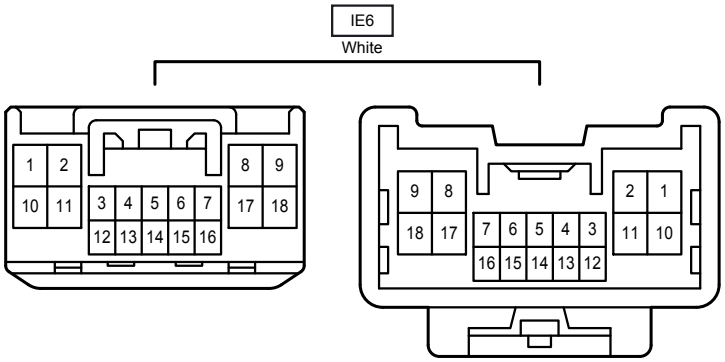
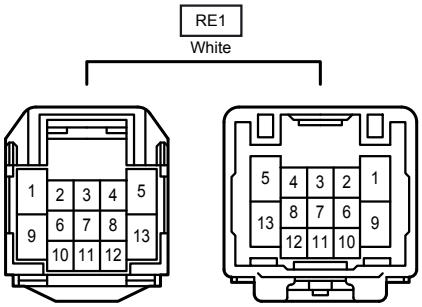
69 68 67 66 65 64 63
76 75 74 73 72 71 70
62 61
55 54 53 52 51
60 59 58 57 56

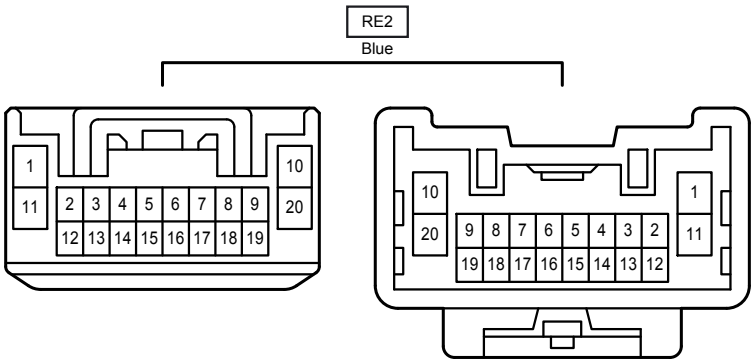

EK2
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7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


FE3
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12


FL2
Blue
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12


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


RE1
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


RE2
Blue
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11