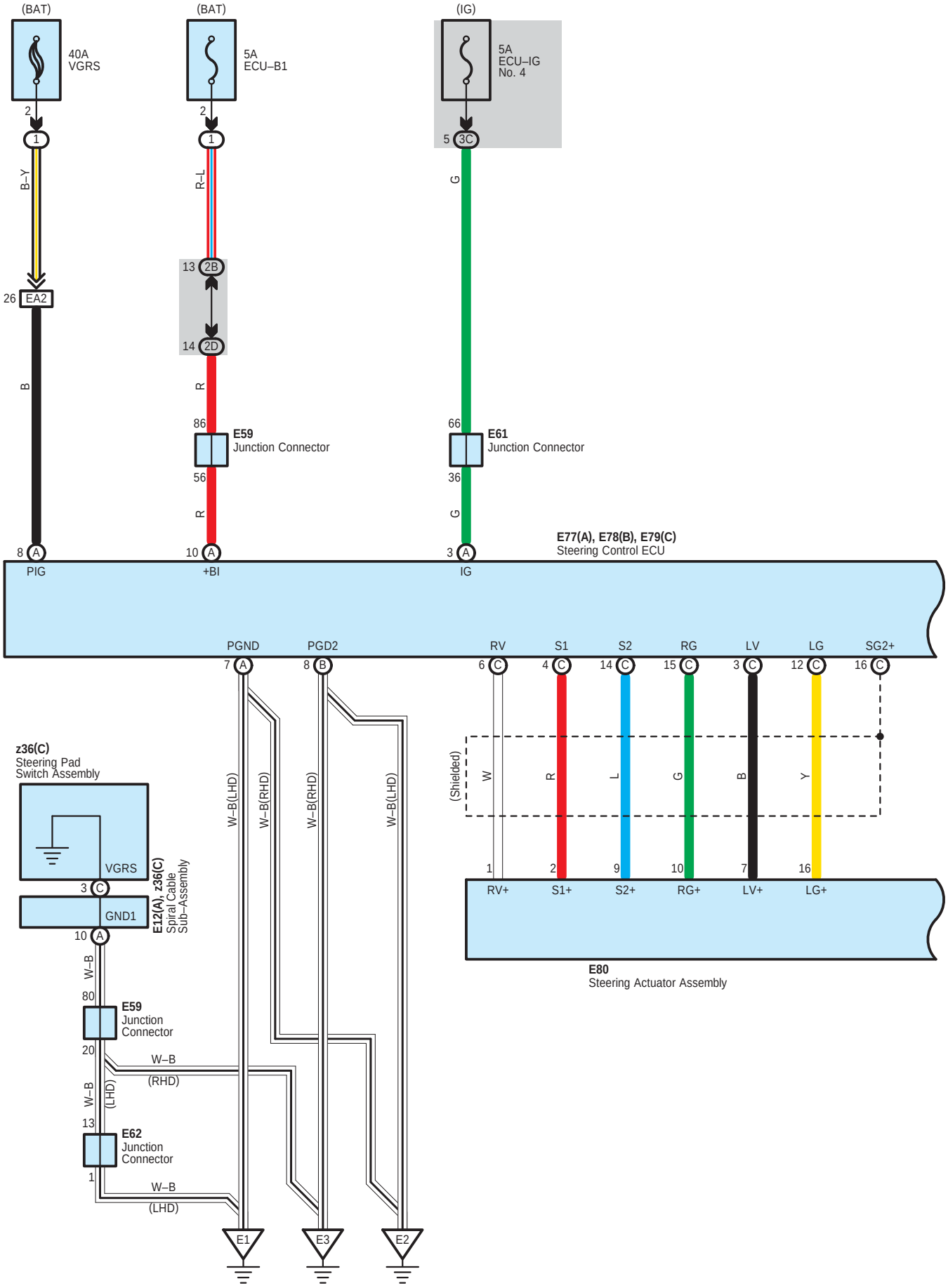
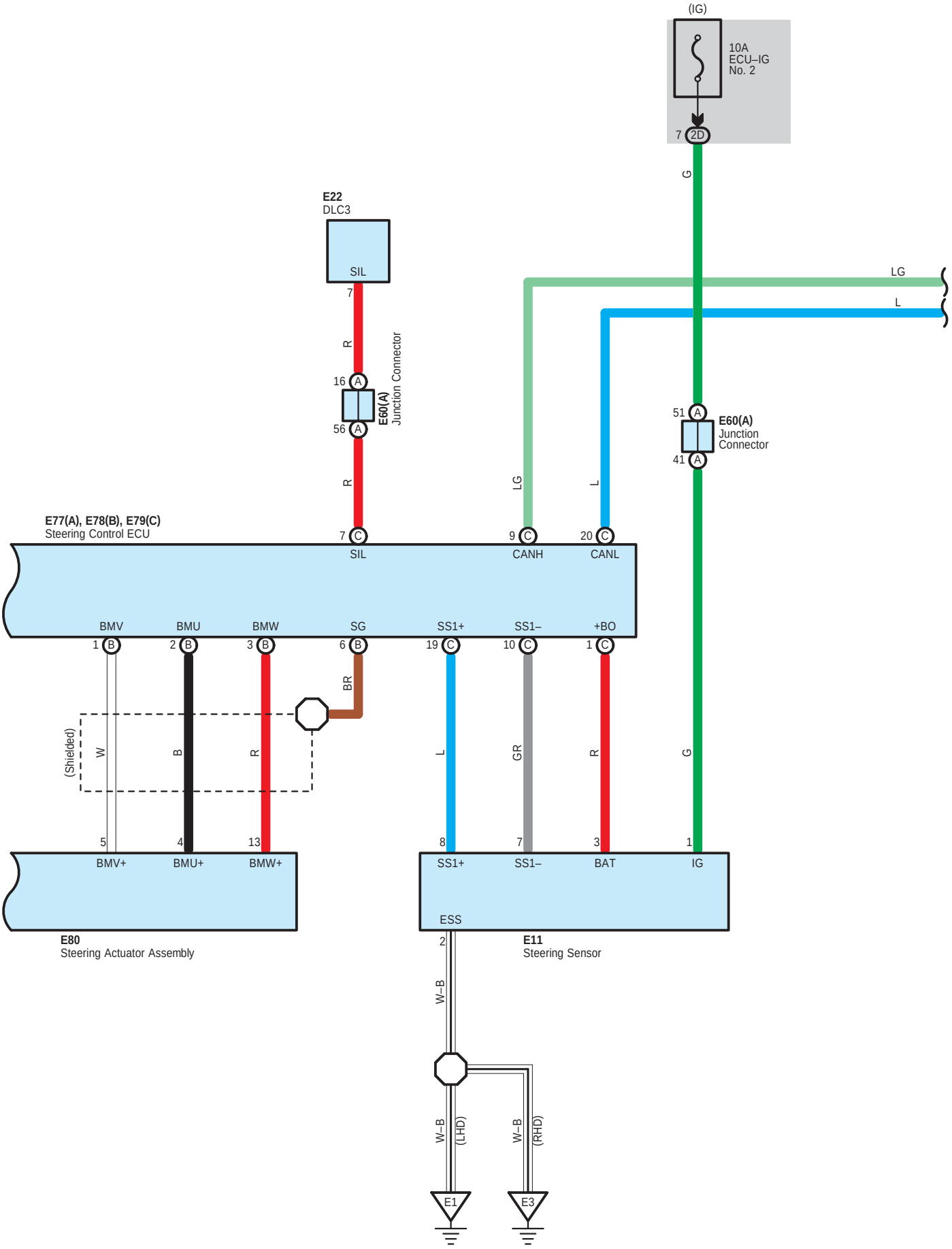
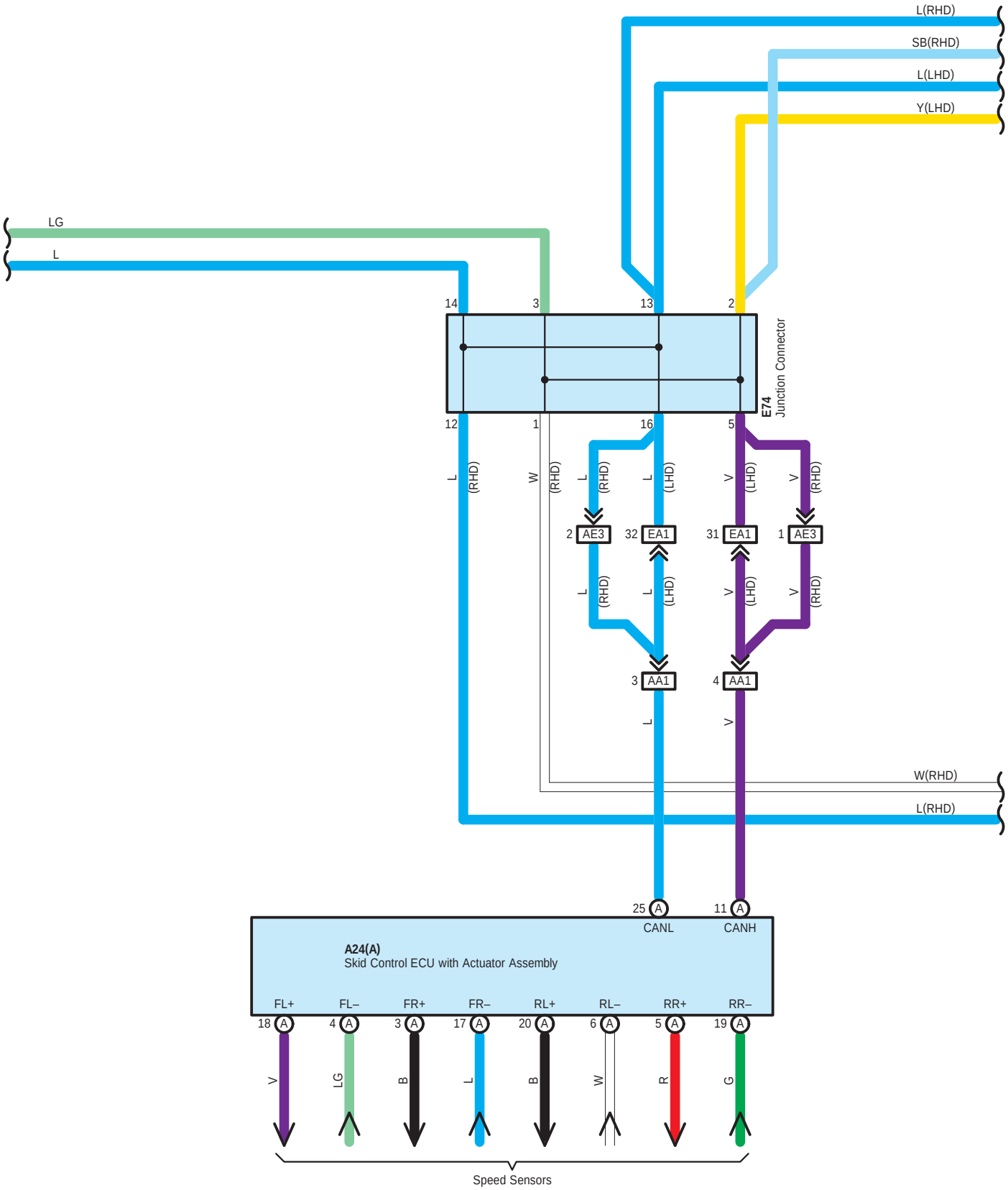
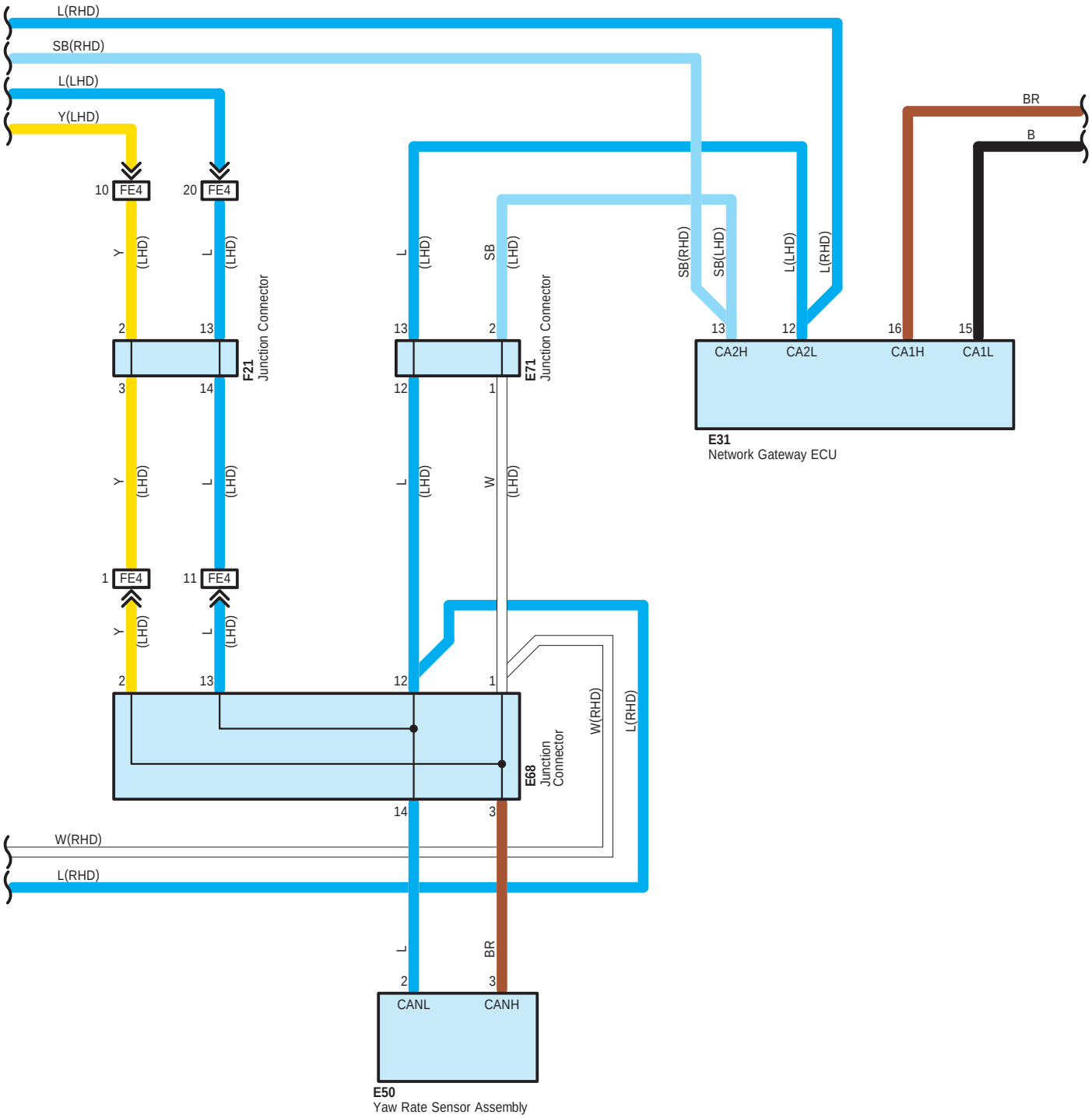
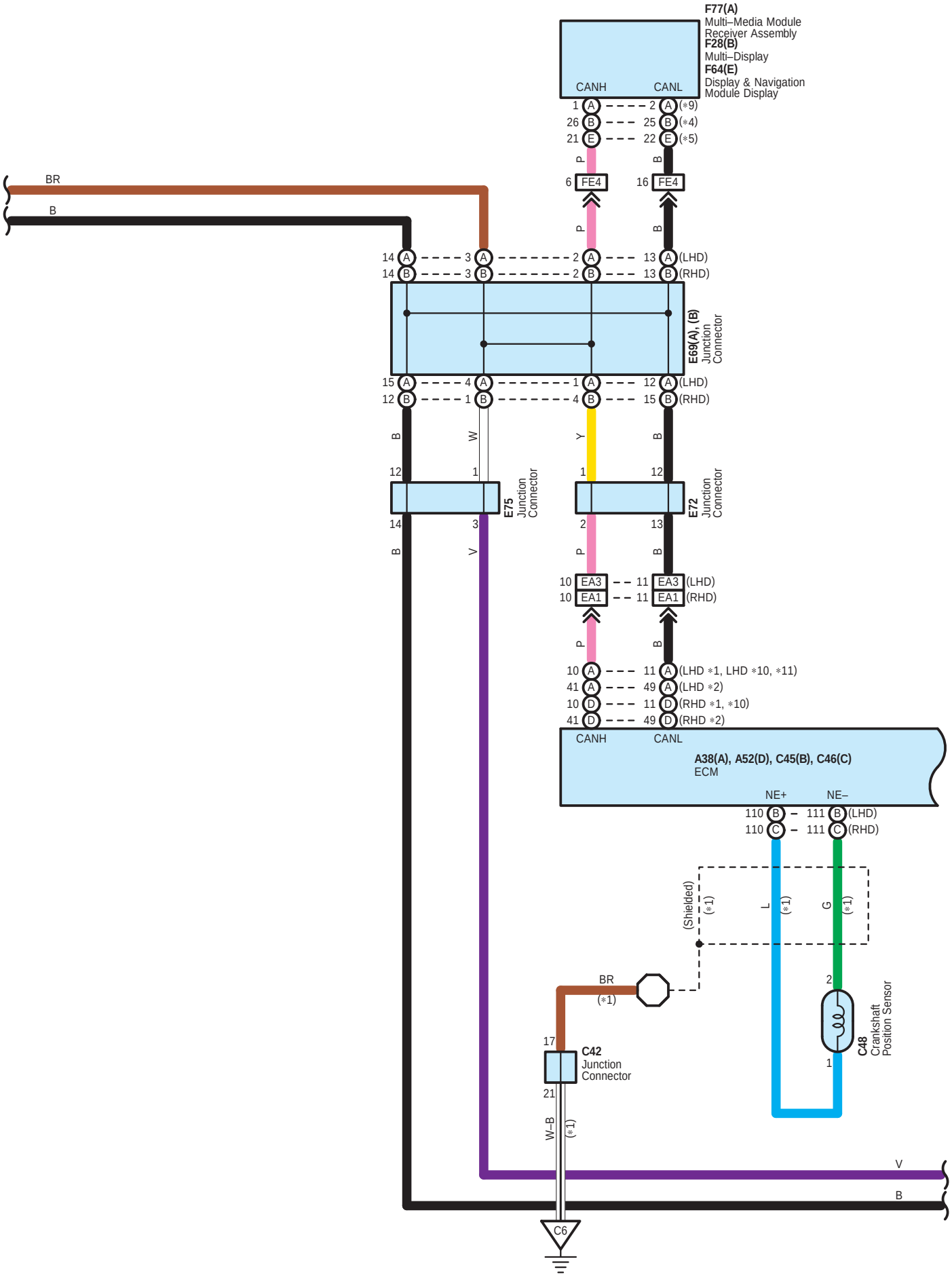

(BAT)
40A
VGRS
2
1
B–Y
26 EA2
B
8 A
PIG
(BAT)
5A
ECU–B1
2
1
R–L
13 2B
14 2D
R
86
E59
Junction Connector
56
R
10 A
+BI
(IG)
5A
ECU–IG
No. 4
5 3C
G
66
E61
Junction Connector
36
G
3 A
IG
E77(A), E78(B), E79(C)
Steering Control ECU
PGND
PGD2
RV
S1
S2
RG
LV
LG
SG2+
7 A
8 B
6 C
4 C
14 C
15 C
3 C
12 C
16 C
z36(C)
Steering Pad
Switch Assembly
VGRS
3 C
GND1
10 A
E12(A), z36(C)
Spiral Cable
Sub–Assembly
W–B(LHD)
W–B(RHD)
W–B(RHD)
W–B(LHD)
(Shielded)
W
R
L
G
B
Y
1
2
9
10
7
16
RV+
S1+
S2+
RG+
LV+
LG+
E80
Steering Actuator Assembly
W–B
80
E59
Junction
Connector
20
W–B
(RHD)
W–B
(LHD)
13
E62
Junction
Connector
1
W–B
(LHD)
E1
E3
E2

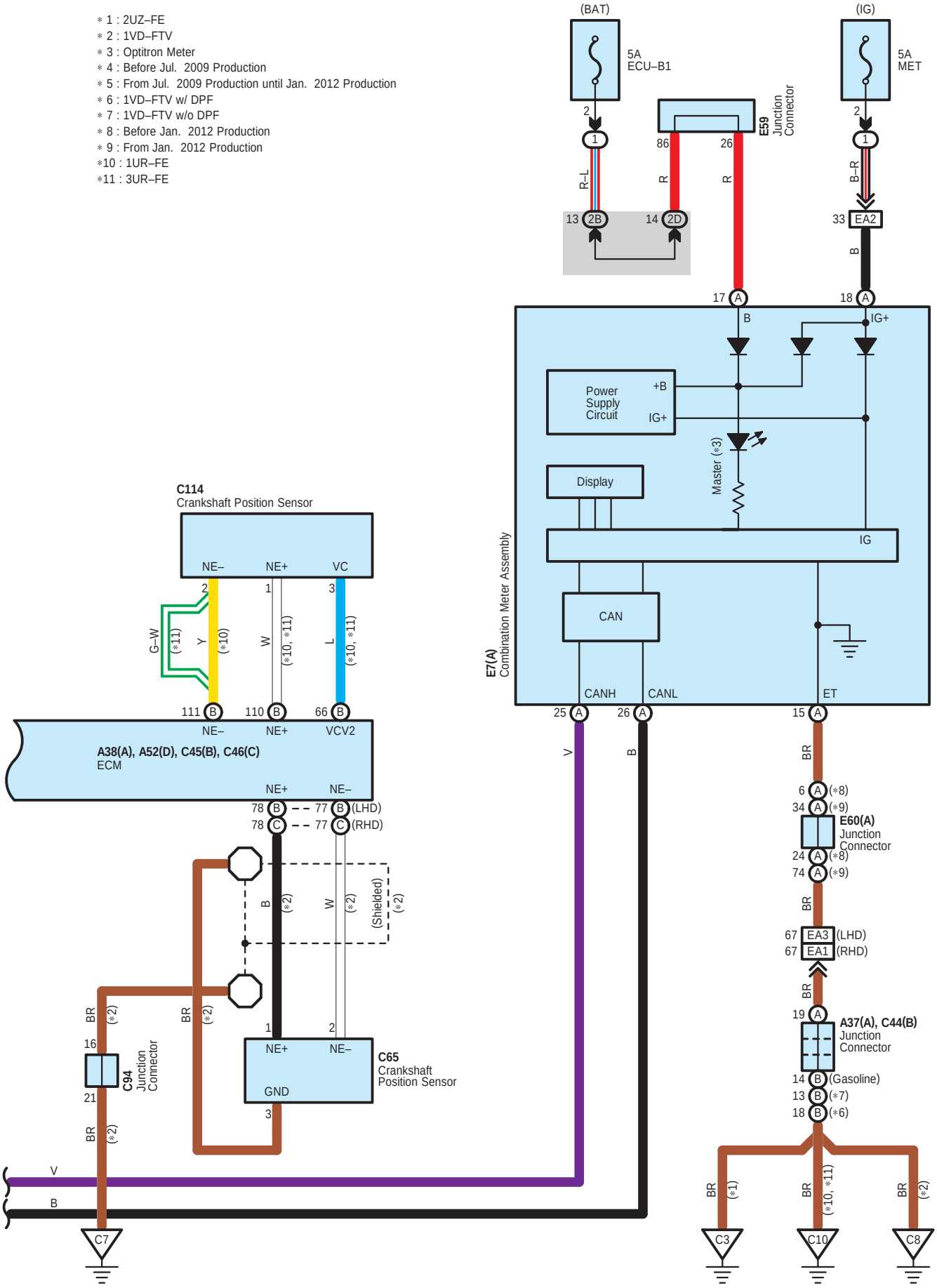

(IG)
10A
ECU–IG
No. 2
7 2D
G
E22
DLC3
SIL
7
R
16 A
E60(A)
Junction Connector
56 A
R
LG
L
LG
L
51 A
E60(A)
Junction
Connector
41 A
E77(A), E78(B), E79(C)
Steering Control ECU
7 C
SIL
9 C
CANH
20 C
CANL
BMV
BMU
BMW
SG
SS1+
SS1–
+BO
1 B
2 B
3 B
6 B
19 C
10 C
1 C
BR
(Shielded)
W
B
R
L
GR
R
G
5
4
13
8
7
3
1
BMV+
BMU+
BMW+
SS1+
SS1–
BAT
IG
ESS
2
W–B
W–B
(LHD)
W–B
(RHD)
E1
E3
E80
Steering Actuator Assembly
E11
Steering Sensor


L(RHD)
SB(RHD)
L(LHD)
Y(LHD)
LG
L
14
3
13
2
E74
Junction Connector
12
1
16
5
L (RHD)
W (RHD)
L (RHD)
L (LHD)
V (LHD)
V (RHD)
2 AE3
32 EA1
31 EA1
1 AE3
L (RHD)
L (LHD)
V (LHD)
V (RHD)
3 AA1
4 AA1
L
V
W(RHD)
L(RHD)
25 A
11 A
CANL
CANH
A24(A)
Skid Control ECU with Actuator Assembly
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
V
LG
B
L
B
W
R
G
Speed Sensors

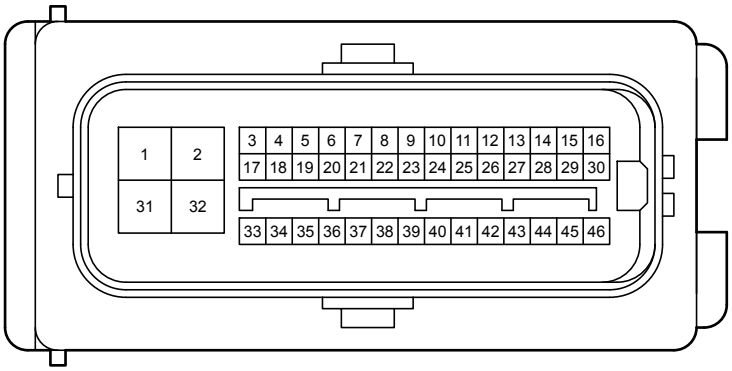

L(RHD)
SB(RHD)
L(LHD)
Y(LHD)
10 FE4
20 FE4
Y (LHD)
L (LHD)
2
13
3
14
F21
Junction Connector
L (LHD)
SB (LHD)
13
2
12
1
E71
Junction Connector
SB(RHD)
SB(LHD)
L(LHD)
L(RHD)
BR
B
13
12
16
15
CA2H
CA2L
CA1H
CA1L
E31
Network Gateway ECU
Y (LHD)
L (LHD)
W (LHD)
1 FE4
11 FE4
2
13
12
1
E68
Junction Connector
W(RHD)
L(RHD)
14
3
W(RHD)
L(RHD)
L
BR
2
3
CANL
CANH
E50
Yaw Rate Sensor Assembly


F77(A)
Multi–Media Module Receiver Assembly
F28(B)
Multi–Display
F64(E)
Display & Navigation Module Display
CANH
CANL
1 A – 2 A (*9)
26 B – 25 B (*4)
21 E – 22 E (*5)
P
B
6 FE4
16 FE4
BR
B
14 A – 3 A – 2 A – 13 A (LHD)
14 B – 3 B – 2 B – 13 B (RHD)
E69(A), (B) Junction Connector
15 A – 4 A – 1 A – 12 A (LHD)
12 B – 1 B – 4 B – 15 B (RHD)
B
W
Y
B
12
1
1
12
E75 Junction Connector
E72 Junction Connector
14
3
2
13
B
V
P
B
10 EA3 – 11 EA3 (LHD)
10 EA1 – 11 EA1 (RHD)
P
B
10 A – 11 A (LHD *1, LHD *10, *11)
41 A – 49 A (LHD *2)
10 D – 11 D (RHD *1, *10)
41 D – 49 D (RHD *2)
CANH
CANL
A38(A), A52(D), C45(B), C46(C)
ECM
NE+
NE–
110 B – 111 B (LHD)
110 C – 111 C (RHD)
(Shielded)
(*1)
L
(*1)
G
(*1)
BR
(*1)
2
C48 Crankshaft Position Sensor
1
17
C42 Junction Connector
21
W–B
(*1)
V
B
C6

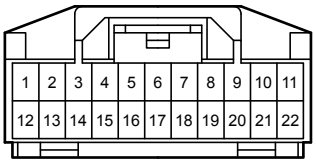
∗ 1 : 2UZ–FE
∗ 2 : 1VD–FTV
∗ 3 : Optitron Meter
∗ 4 : Before Jul. 2009 Production
∗ 5 : From Jul. 2009 Production until Jan. 2012 Production
∗ 6 : 1VD–FTV w/ DPF
∗ 7 : 1VD–FTV w/o DPF
∗ 8 : Before Jan. 2012 Production
∗ 9 : From Jan. 2012 Production
∗10 : 1UR–FE
∗11 : 3UR–FE



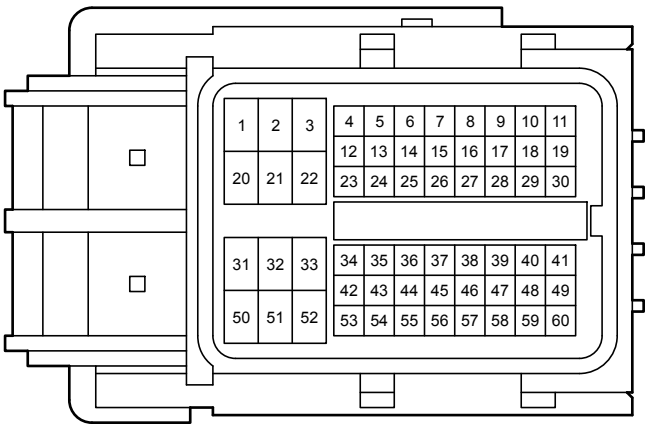
A 24
Black



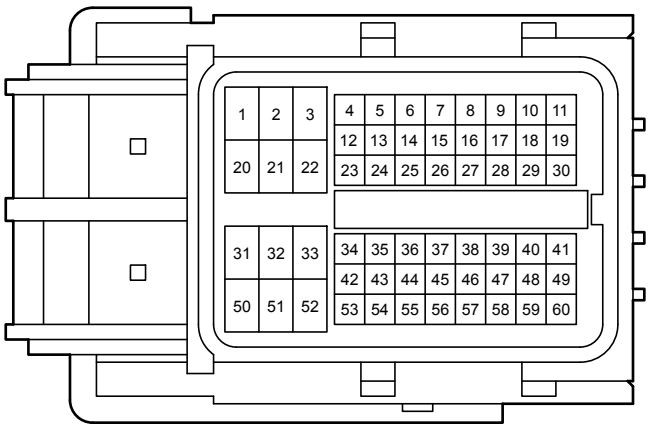
A 37
Blue



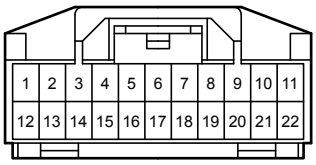
A 38
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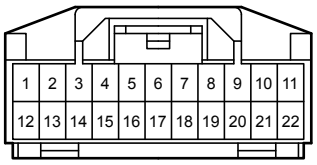
A 52
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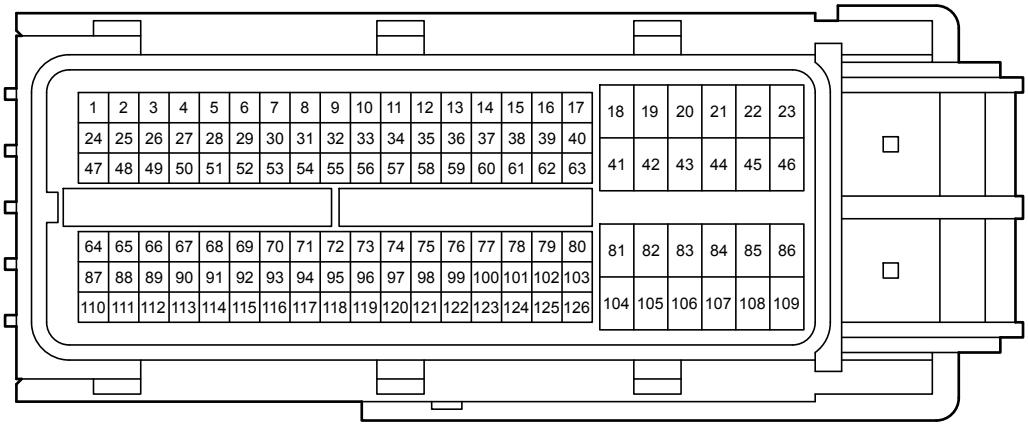
C 42
White



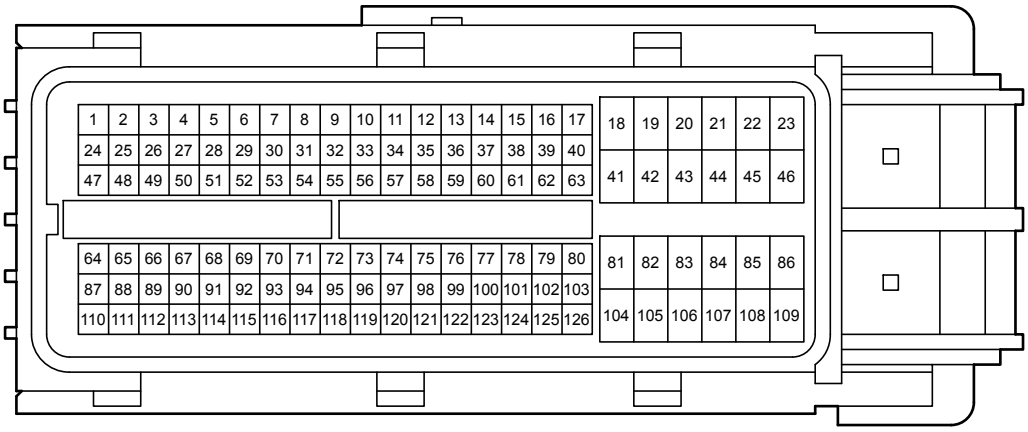
C 44
Blue



C 45
Black



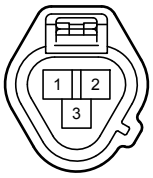
C 46
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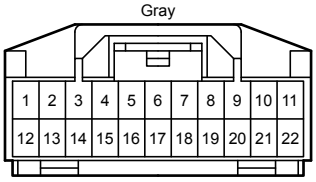
C 48
Dark Gray



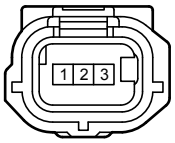
C 65
Black



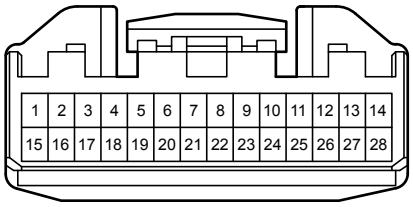
C 94
Gray



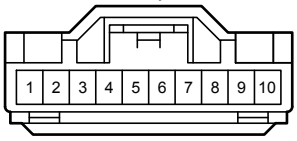
C114
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E 7
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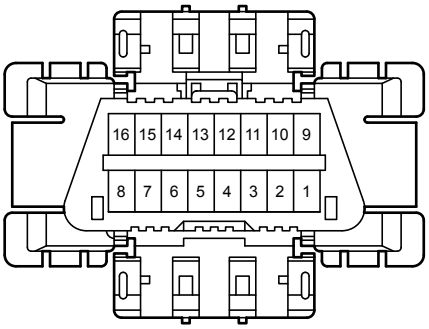
E 11
Gray



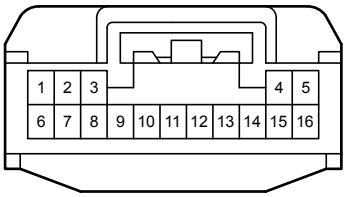
E 12
Black



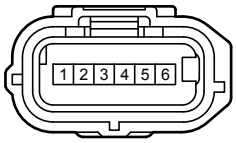
E 22
White



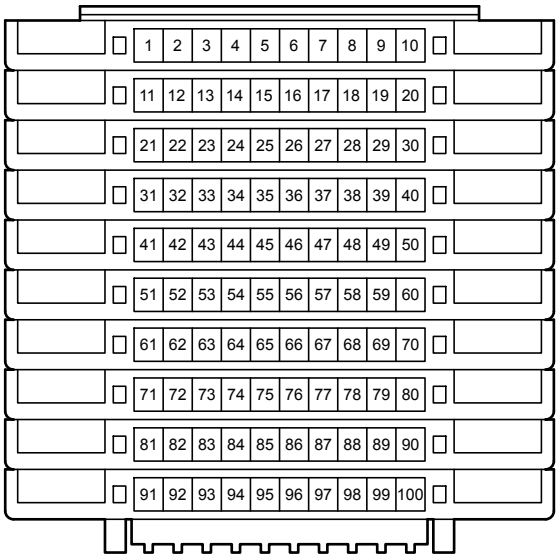
E 31
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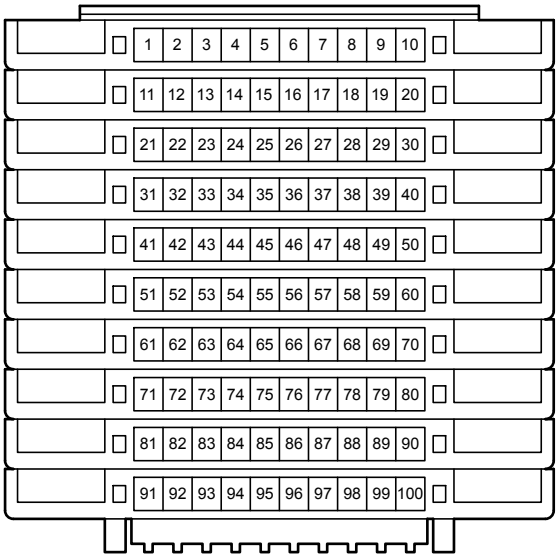
E 50
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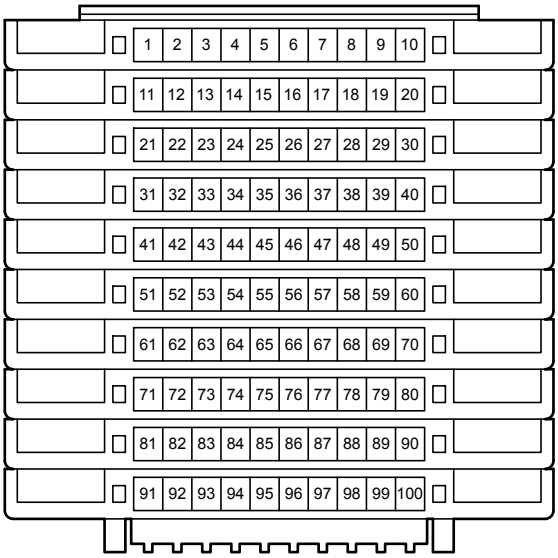
E 59



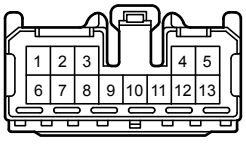
E 60



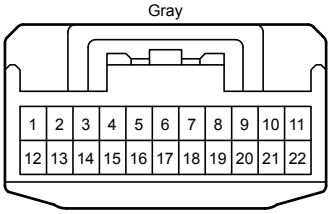
E 61



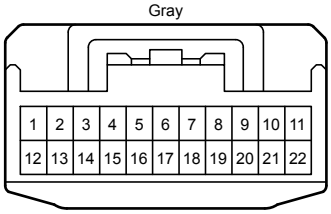
E 62
White



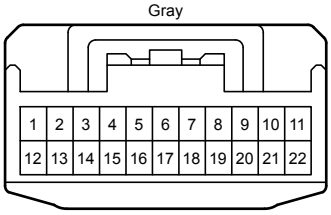
E 68
Gray



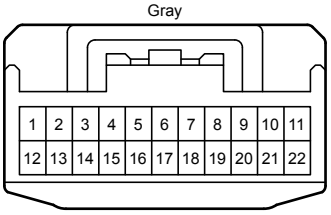
E 69
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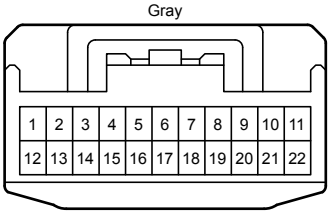
E 71
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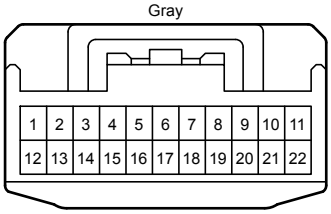
E 72
Gray



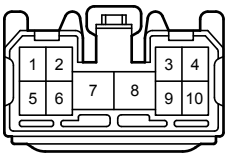
E 74
Gray



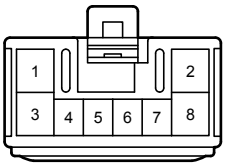
E 75
Gray



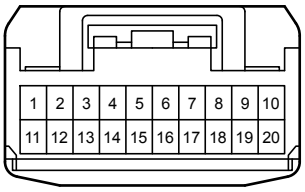
E 77
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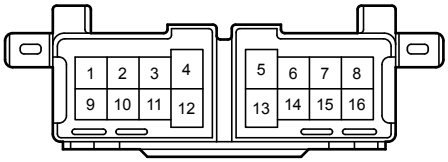
E 78
White



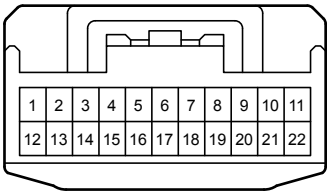
E 79
White



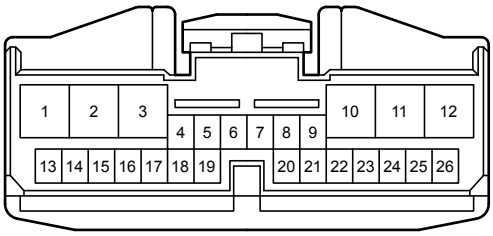
E 80
White



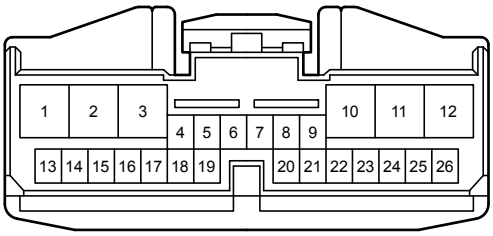
F 21
Black



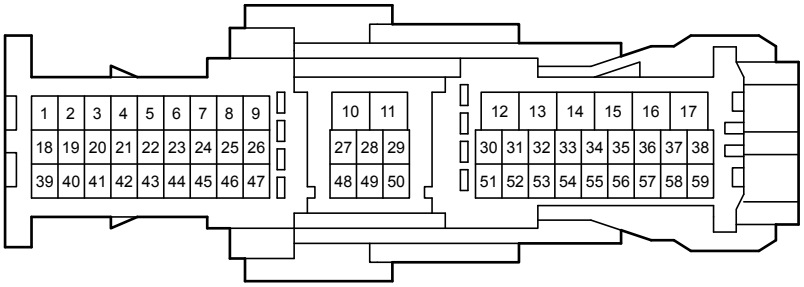
F 28
White



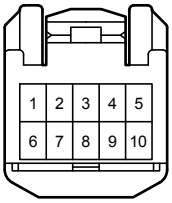
F 64
White



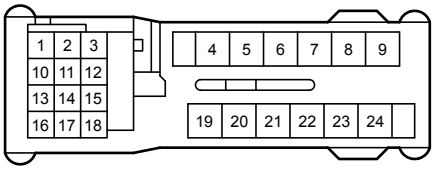
F 77
White



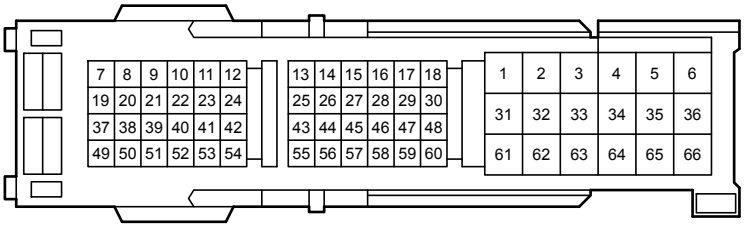
z 36
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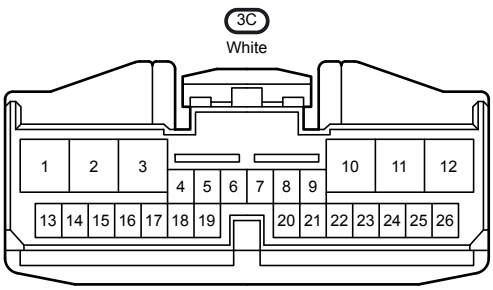


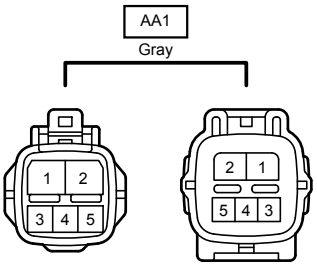
2B
White

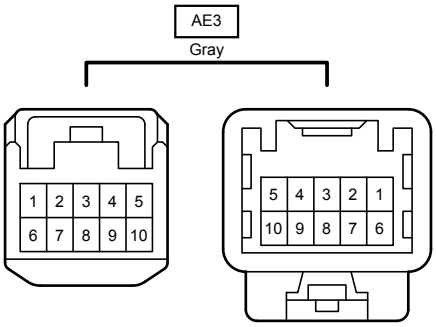


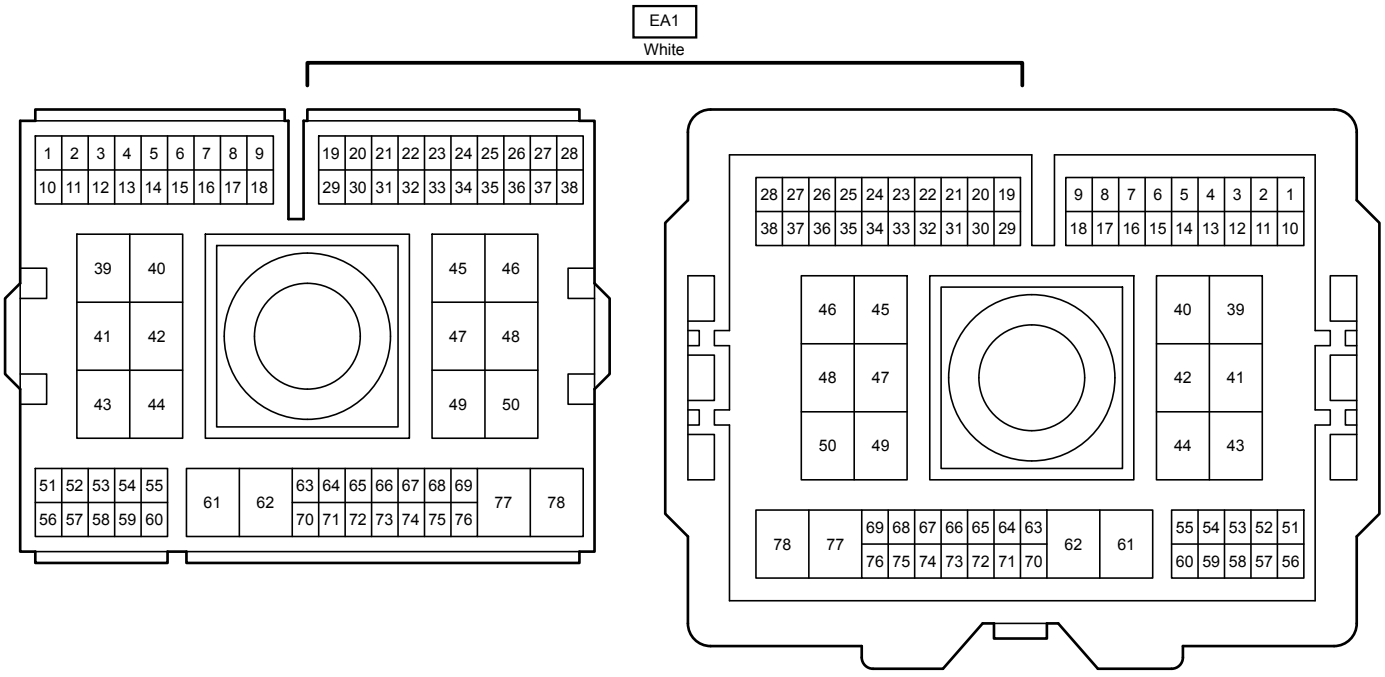
2D
White




3C
White
1 2 3 10 11 12
4 5 6 7 8 9
13 14 15 16 17 18 19 20 21 22 23 24 25 26

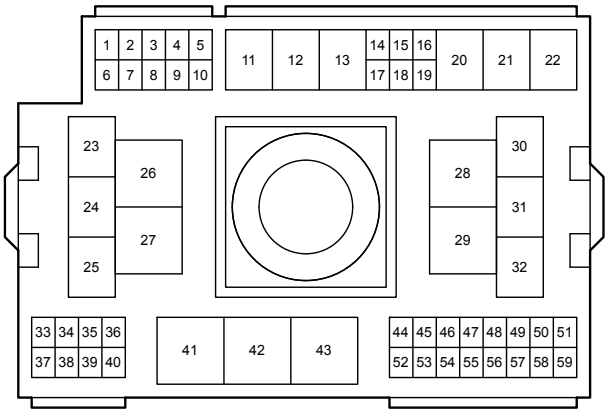

AA1
Gray
1 2
3 4 5
2 1
5 4 3


AE3
Gray
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

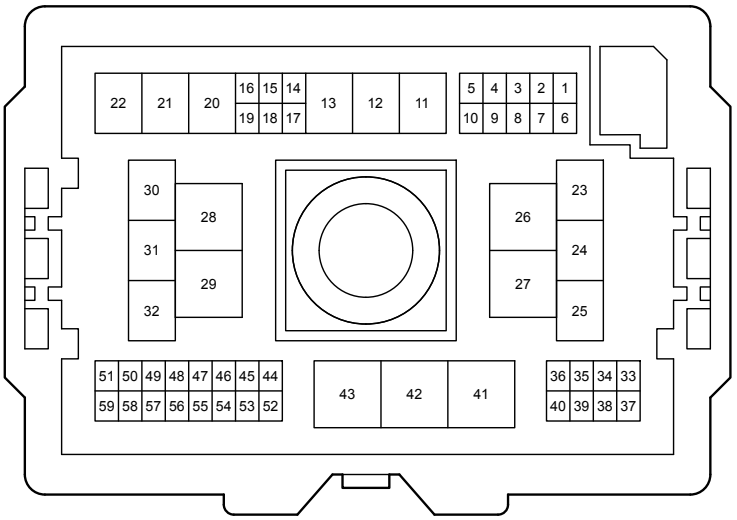

EA1
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 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

EA2

White

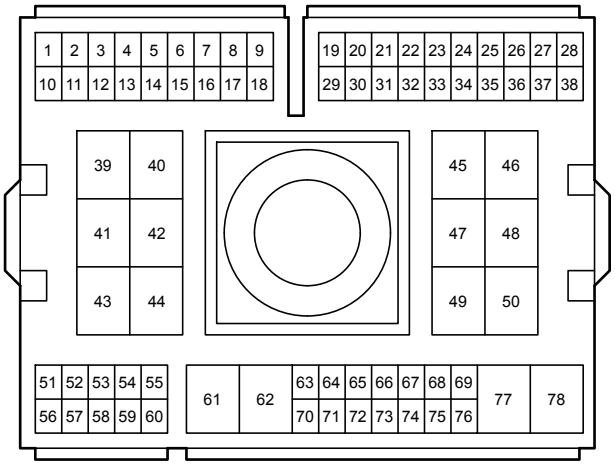


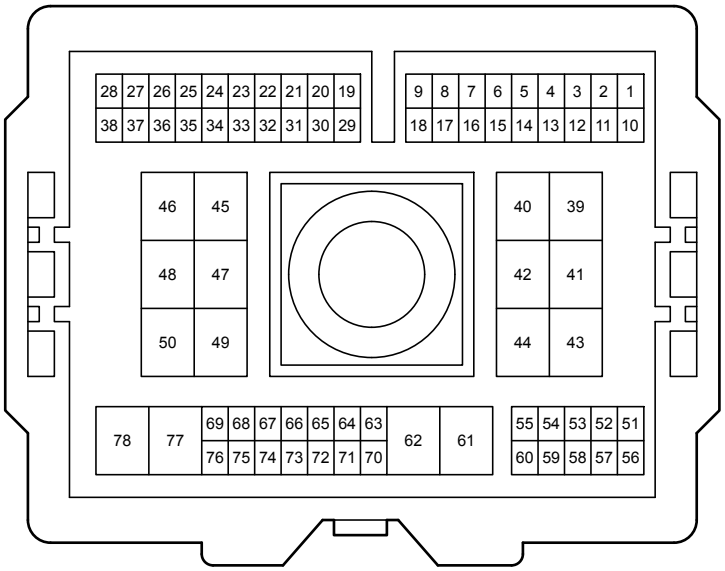
Gray

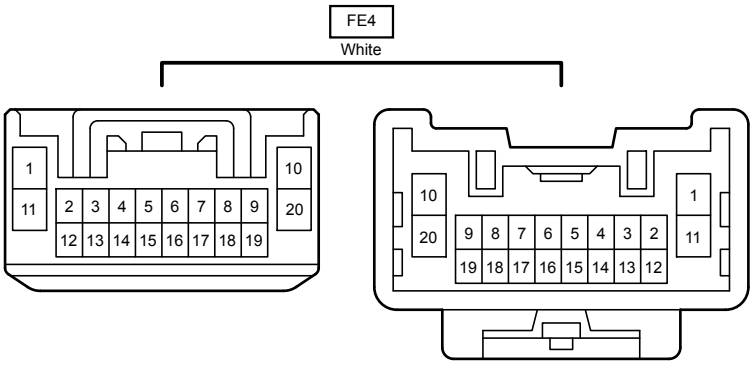


EA3

White






FE4
White
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