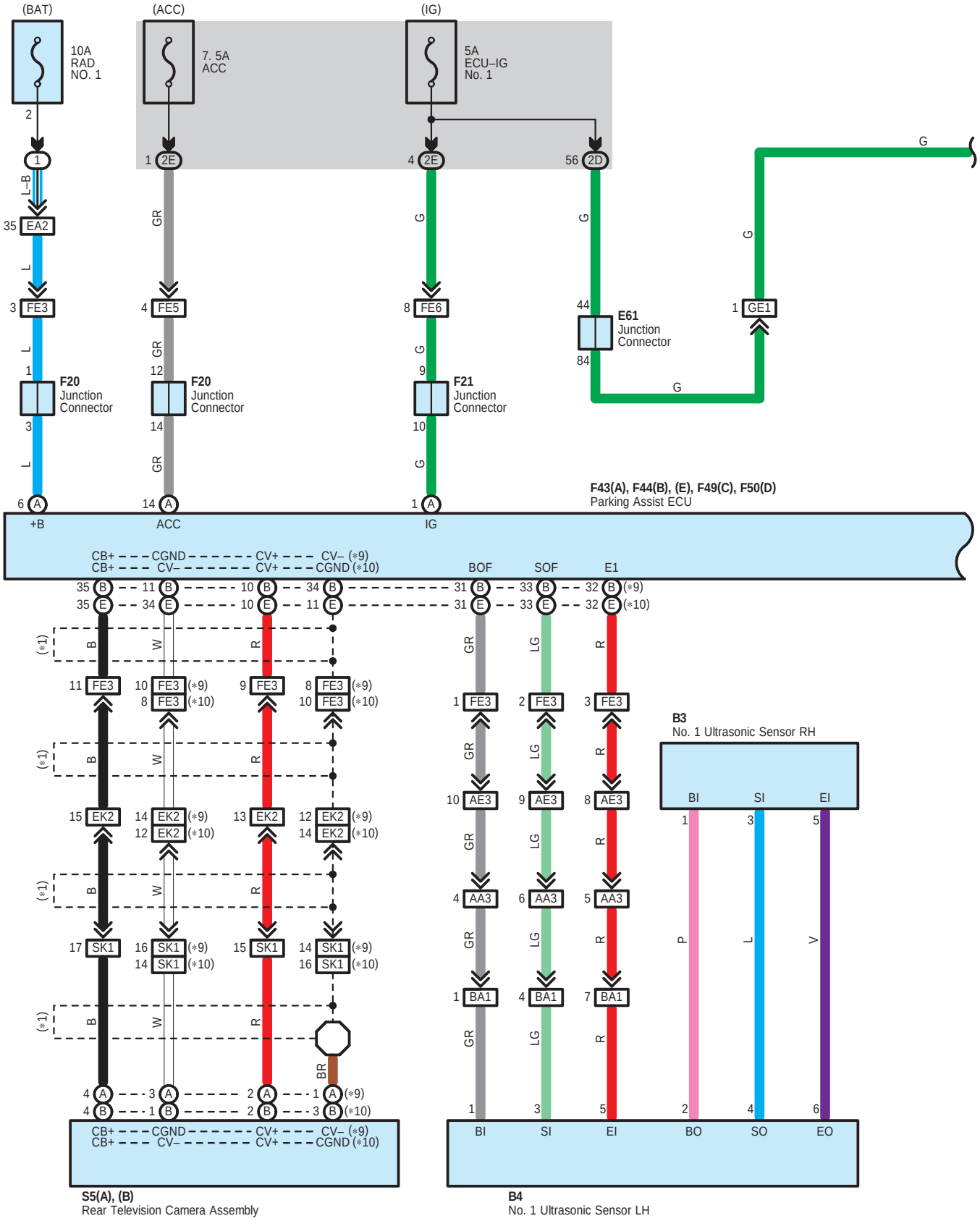
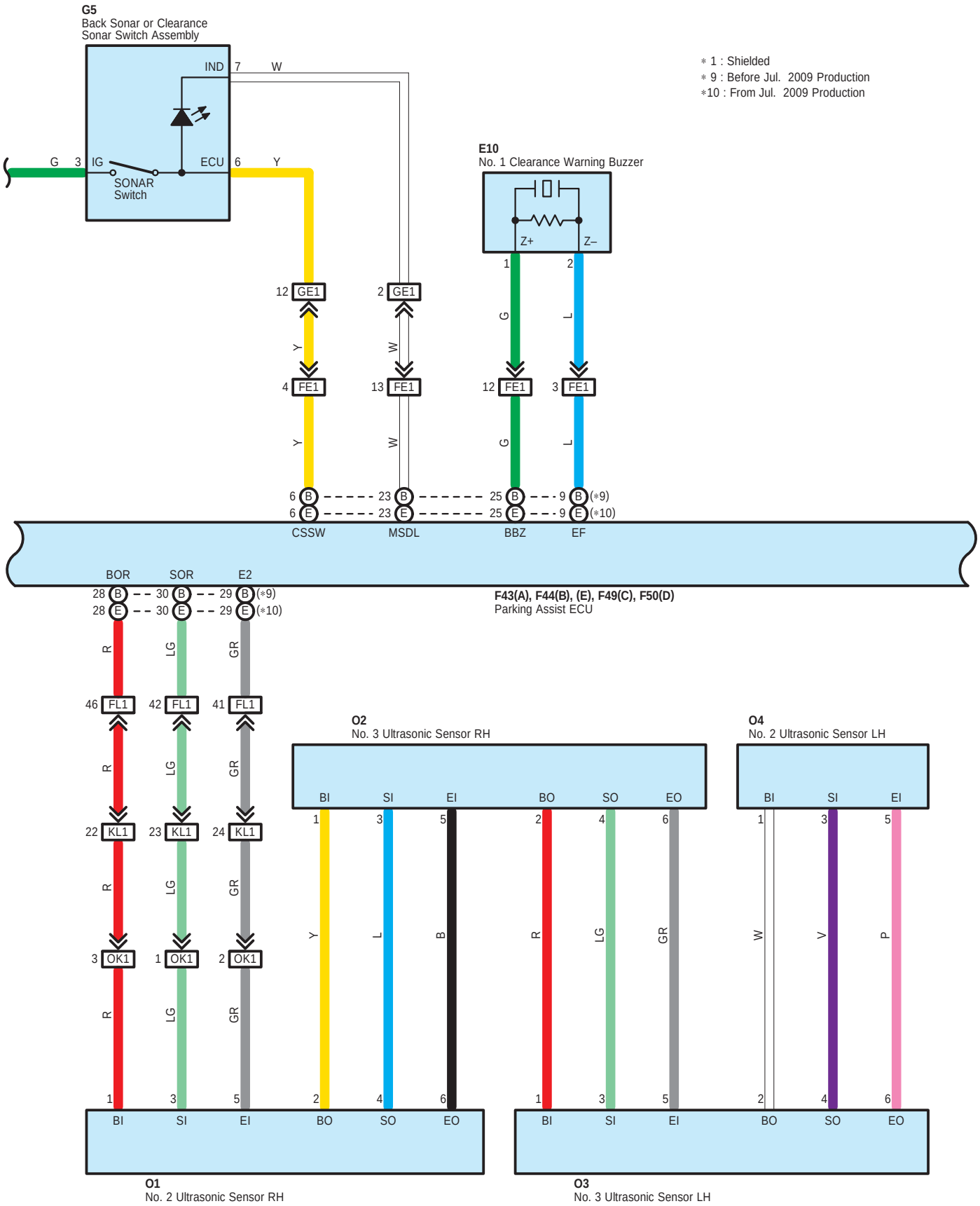
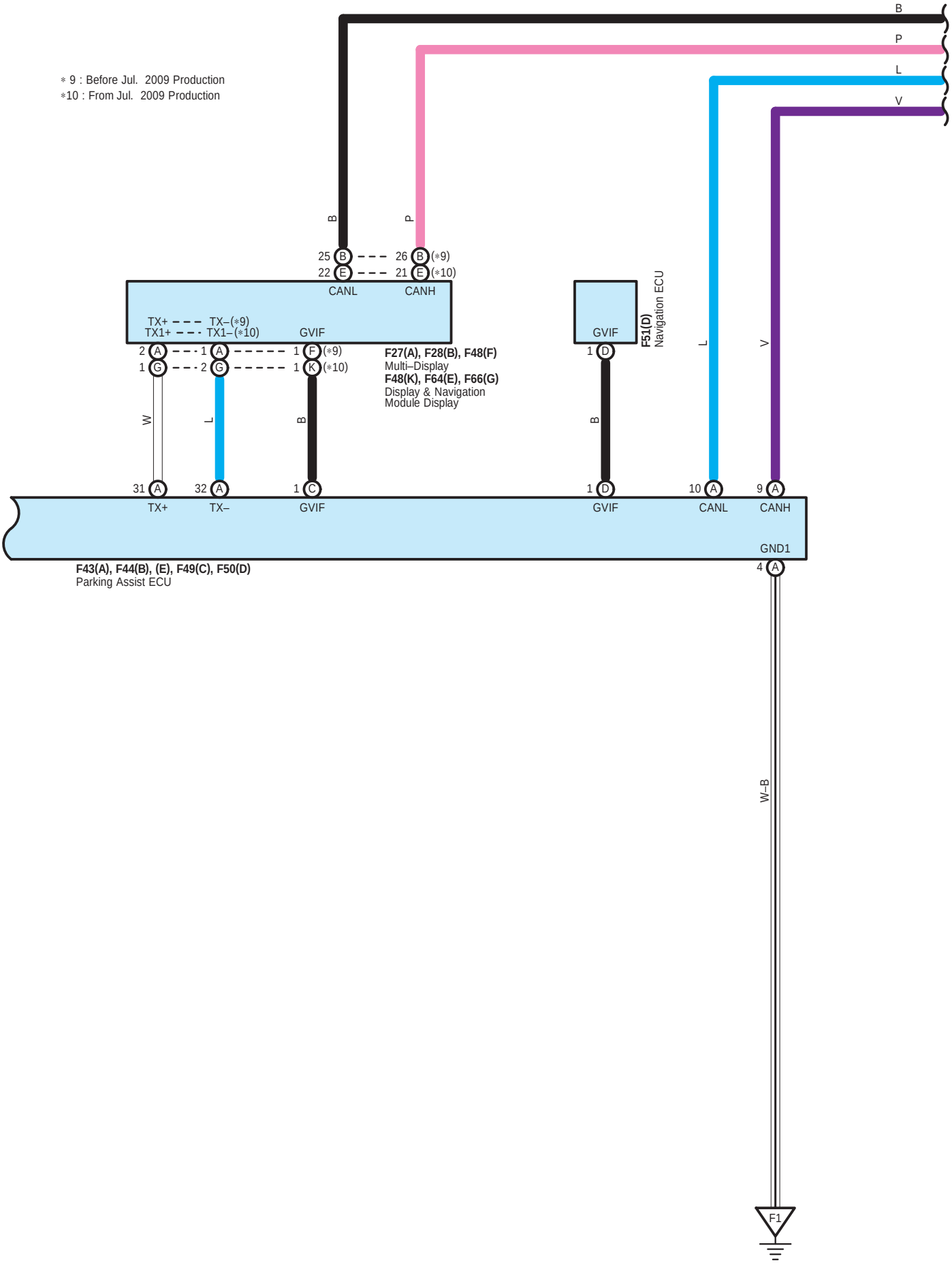
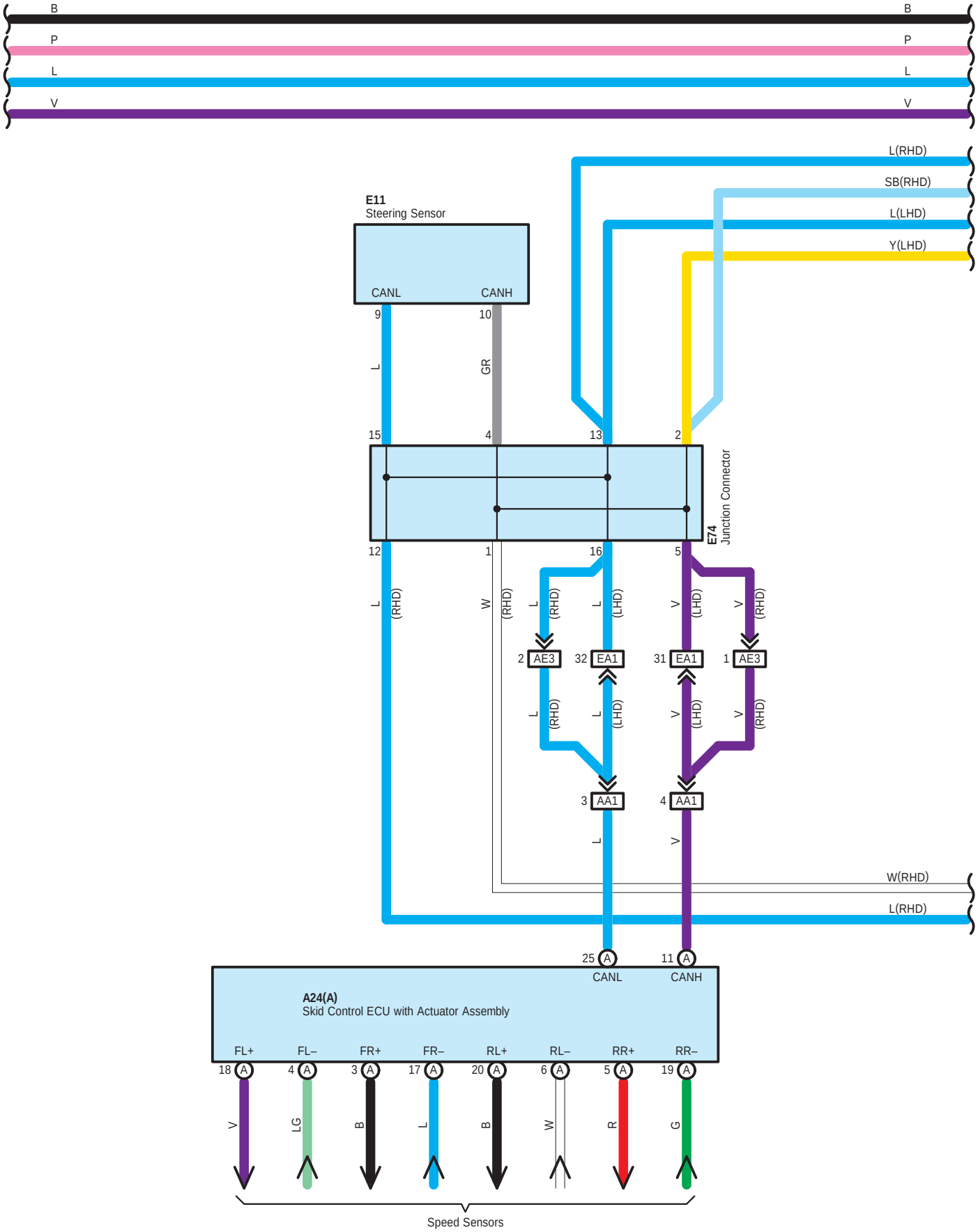
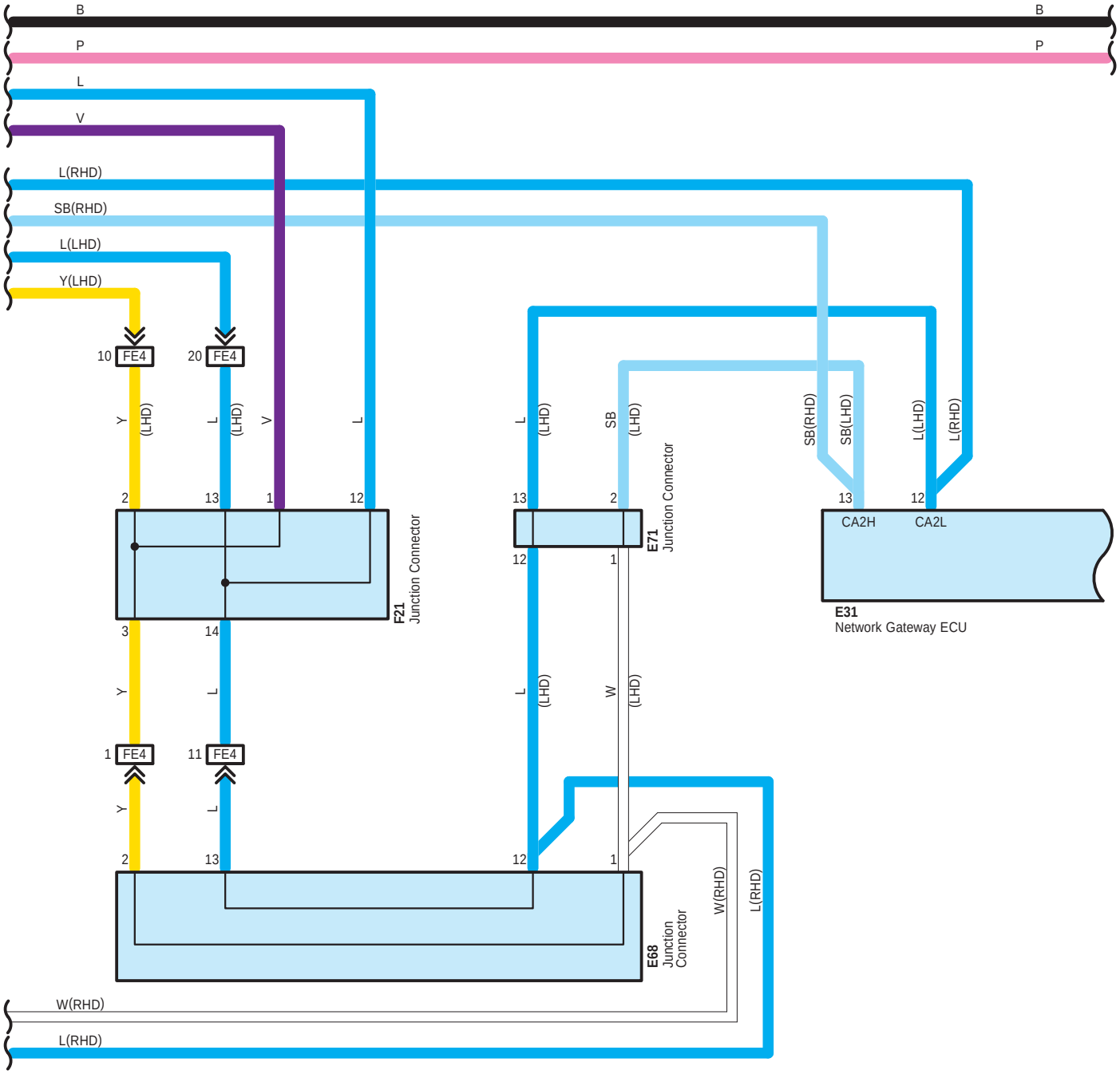
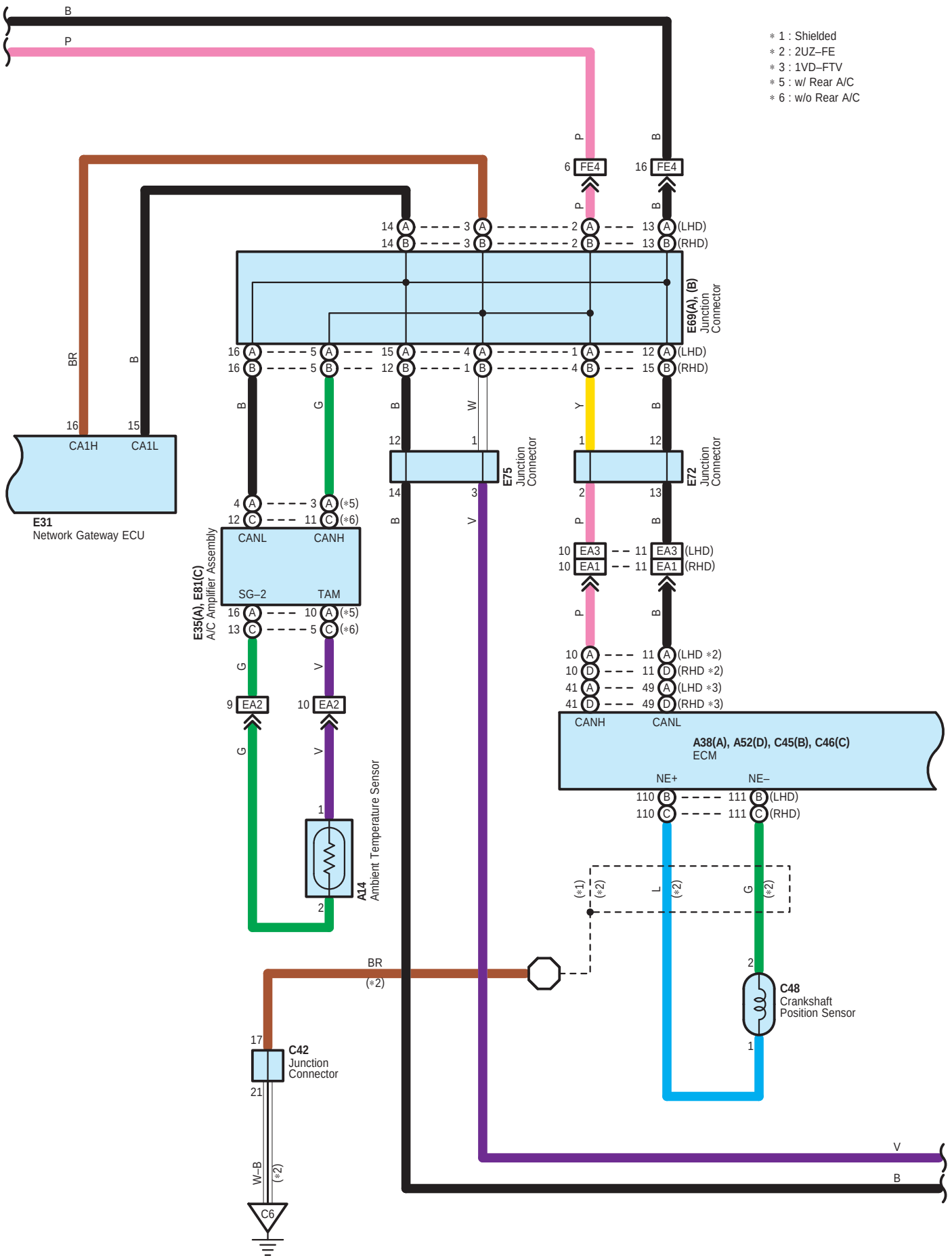

(BAT)
(ACC)
(IG)
10A RAD NO. 1
7. 5A ACC
5A ECU–IG No. 1
EA2
FE3
FE5
FE6
GE1
F20 Junction Connector
F21 Junction Connector
E61 Junction Connector
F43(A), F44(B), (E), F49(C), F50(D) Parking Assist ECU
+B
ACC
IG
CB+ CGND CV+ CV– (*9)
CB+ CV– CV+ CGND (*10)
BOF
SOF
E1
EK2
SK1
AE3
AA3
BA1
B3 No. 1 Ultrasonic Sensor RH
BI
SI
EI
BO
SO
EO
S5(A), (B) Rear Television Camera Assembly
B4 No. 1 Ultrasonic Sensor LH

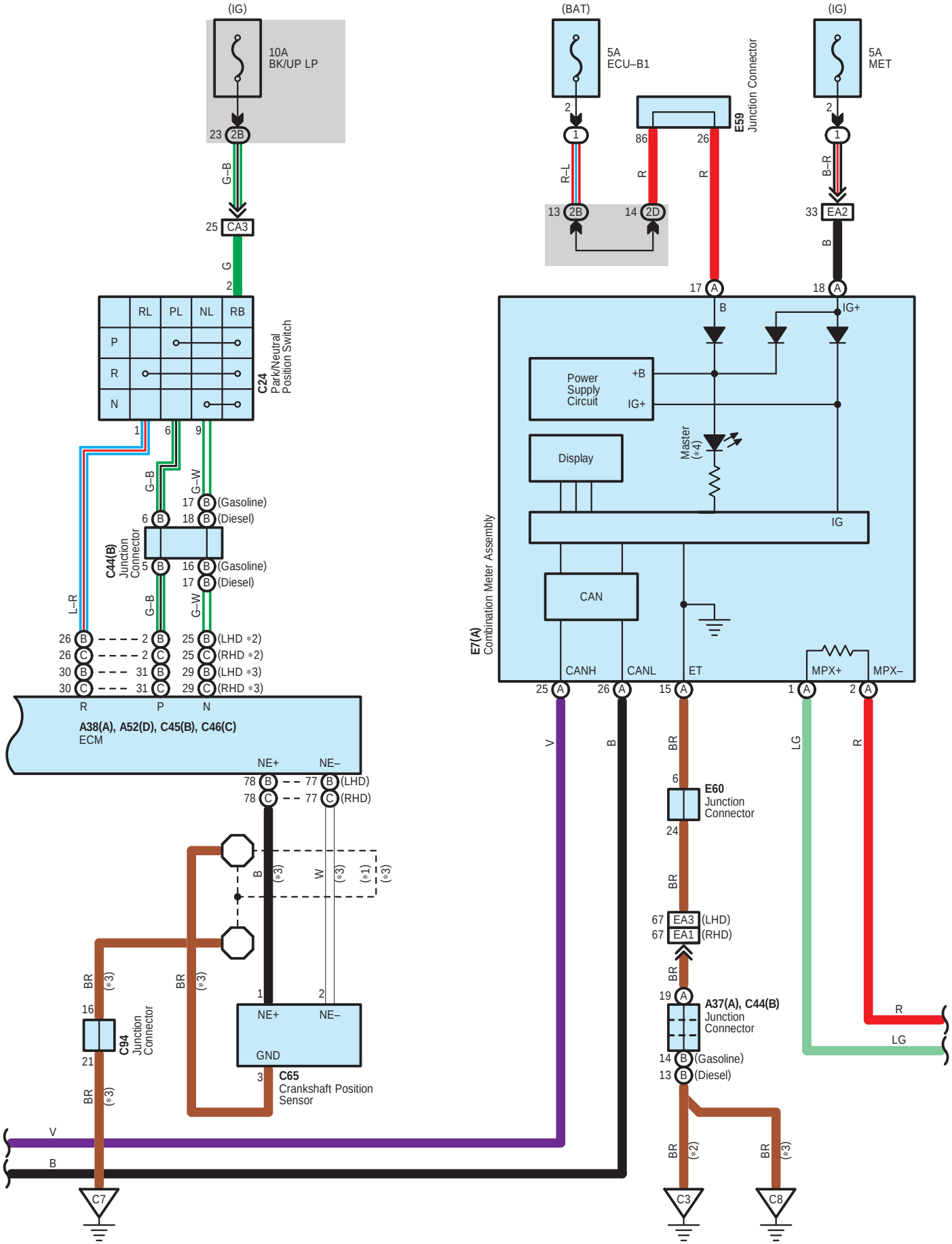

G5
Back Sonar or Clearance Sonar Switch Assembly
IND
7
W
G
3
IG
ECU
6
Y
SONAR Switch
∗ 1 : Shielded
∗ 9 : Before Jul. 2009 Production
∗10 : From Jul. 2009 Production
E10
No. 1 Clearance Warning Buzzer
Z+
Z–
1
2
12 GE1
2 GE1
G
L
Y
W
4 FE1
13 FE1
12 FE1
3 FE1
6 B
6 E
23 B
23 E
25 B
25 E
9 B (∗9)
9 E (∗10)
CSSW
MSDL
BBZ
EF
BOR
SOR
E2
28 B
28 E
30 B
30 E
29 B (∗9)
29 E (∗10)
F43(A), F44(B), (E), F49(C), F50(D)
Parking Assist ECU
R
LG
GR
46 FL1
42 FL1
41 FL1
22 KL1
23 KL1
24 KL1
3 OK1
1 OK1
2 OK1
O2
No. 3 Ultrasonic Sensor RH
BI
SI
EI
BO
SO
EO
O4
No. 2 Ultrasonic Sensor LH
Y
L
B
W
V
P
O1
No. 2 Ultrasonic Sensor RH
O3
No. 3 Ultrasonic Sensor LH


∗ 9 : Before Jul. 2009 Production
∗10 : From Jul. 2009 Production
B
P
L
V
25 B
22 E
26 B (∗9)
21 E (∗10)
CANL
CANH
TX+
TX1+
TX–(∗9)
TX1–(∗10)
GVIF
2 A
1 G
1 A
2 G
1 F (∗9)
1 K (∗10)
F27(A), F28(B), F48(F)
Multi–Display
F48(K), F64(E), F66(G)
Display & Navigation
Module Display
1 D
F51(D)
Navigation ECU
W
31 A
32 A
1 C
1 D
10 A
9 A
TX+
TX–
GVIF
GVIF
CANL
CANH
GND1
4 A
F43(A), F44(B), (E), F49(C), F50(D)
Parking Assist ECU
W–B
F1

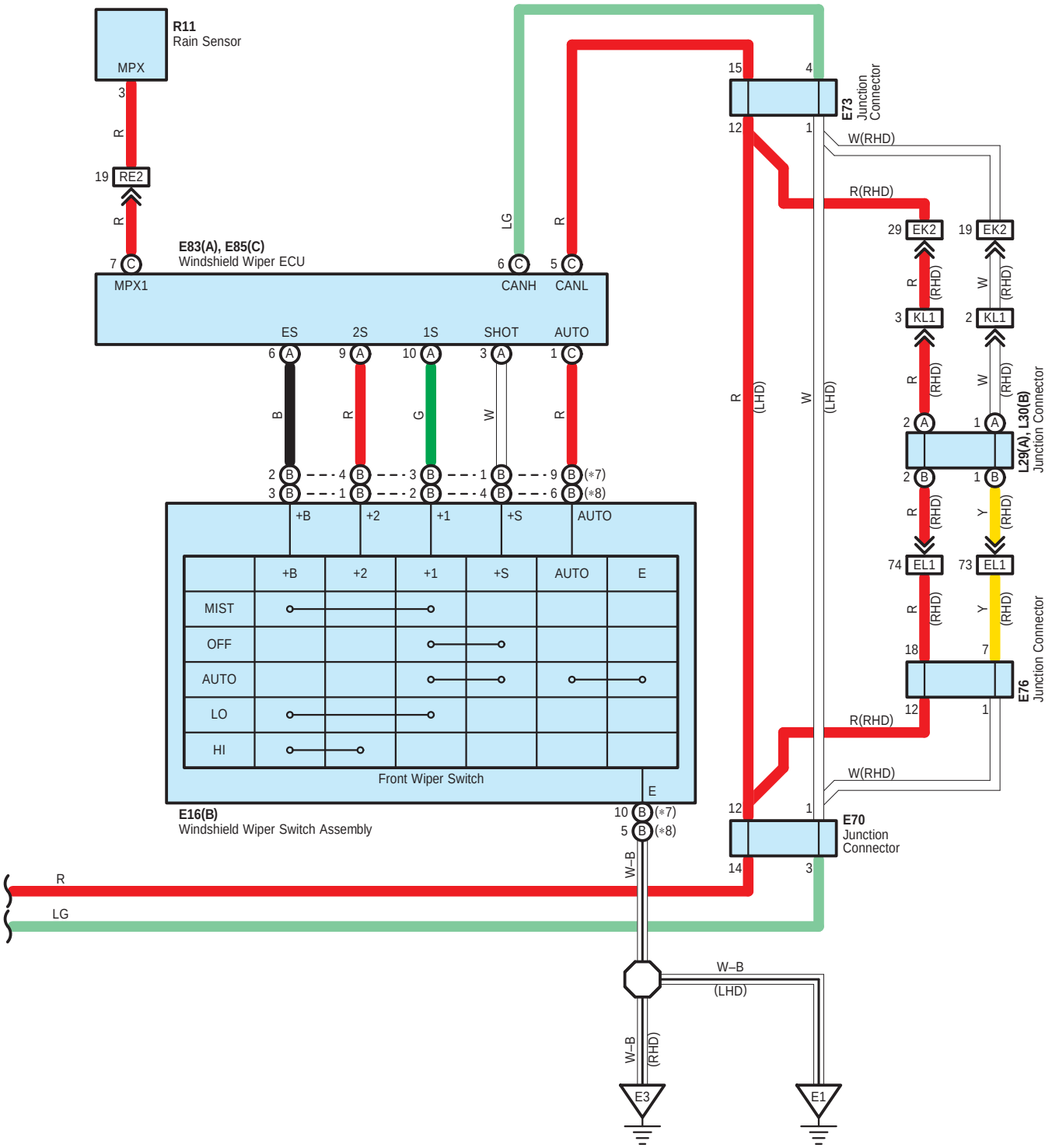

B
P
L
V
L(RHD)
SB(RHD)
L(LHD)
Y(LHD)
E11
Steering Sensor
CANL
CANH
9
10
L
GR
15
4
13
2
E74
Junction Connector
12
1
16
5
L (RHD)
W (RHD)
L (RHD)
L (LHD)
V (LHD)
V (RHD)
2 AE3
32 EA1
31 EA1
1 AE3
L (RHD)
L (LHD)
V (LHD)
V (RHD)
3 AA1
4 AA1
L
V
W(RHD)
L(RHD)
25 A
11 A
CANL
CANH
A24(A)
Skid Control ECU with 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


B
B
P
P
L
V
L(RHD)
SB(RHD)
L(LHD)
Y(LHD)
10 FE4
20 FE4
Y (LHD)
L (LHD)
V
L
2
13
1
12
F21
Junction Connector
3
14
Y
L
1 FE4
11 FE4
Y
L
2
13
L (LHD)
SB (LHD)
13
2
12
1
E71
Junction Connector
L (LHD)
W (LHD)
12
1
E68
Junction
Connector
W(RHD)
L(RHD)
SB(RHD)
SB(LHD)
L(LHD)
L(RHD)
13
12
CA2H
CA2L
E31
Network Gateway ECU
W(RHD)
L(RHD)


∗1 : Shielded
∗2 : 2UZ–FE
∗3 : 1VD–FTV
∗5 : w/ Rear A/C
∗6 : w/o Rear A/C
E31
Network Gateway ECU
CA1H
CA1L
E69(A), (B)
Junction Connector
E75
Junction Connector
E72
Junction Connector
E35(A), E81(C)
A/C Amplifier Assembly
CANL
CANH
SG–2
TAM
A14
Ambient Temperature Sensor
A38(A), A52(D), C45(B), C46(C)
ECM
NE+
NE–
C48
Crankshaft Position Sensor
C42
Junction Connector
C6
FE4
EA1
EA2
EA3
(LHD)
(RHD)
(LHD ∗2)
(RHD ∗2)
(LHD ∗3)
(RHD ∗3)

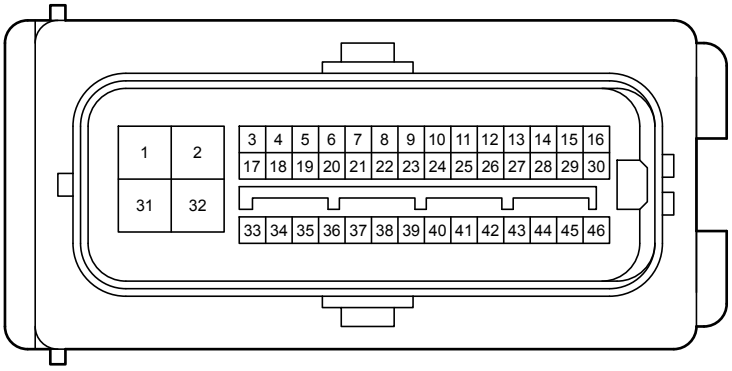

(IG)
10A
BK/UP LP
23 2B
G–B
25 CA3
G
2
RL PL NL RB
P
R
N
C24
Park/Neutral
Position Switch
1 6 9
G–B
G–W
17 B (Gasoline)
6 B 18 B (Diesel)
C44(B)
Junction
Connector
5 B 16 B (Gasoline)
17 B (Diesel)
L–R
G–B
G–W
26 B 2 B 25 B (LHD *2)
26 C 2 C 25 C (RHD *2)
30 B 31 B 29 B (LHD *3)
30 C 31 C 29 C (RHD *3)
R P N
A38(A), A52(D), C45(B), C46(C)
ECM
NE+ NE–
78 B 77 B (LHD)
78 C 77 C (RHD)
B (*3)
W (*3)
(*1) (*3)
BR (*3)
BR (*3)
16
C94
Junction
Connector
21
BR (*3)
1 2
NE+ NE–
GND
3
C65
Crankshaft Position
Sensor
V
B
C7
(BAT)
5A
ECU–B1
2
1
R–L
13 2B
14 2D
86 26
R
R
E59
Junction Connector
(IG)
5A
MET
2
1
B–R
33 EA2
B
17 A 18 A
B
IG+
Power
Supply
Circuit
+B
IG+
Display
Master
(*4)
IG
CAN
E7(A)
Combination Meter Assembly
CANH CANL ET MPX+ MPX–
25 A 26 A 15 A 1 A 2 A
V
B
BR
LG
R
6
E60
Junction
Connector
24
BR
67 EA3 (LHD)
67 EA1 (RHD)
BR
19 A
A37(A), C44(B)
Junction
Connector
14 B (Gasoline)
13 B (Diesel)
R
LG
BR (*2)
BR (*3)
C3
C8

∗ 1 : Shielded
∗ 2 : 2UZ–FE
∗ 3 : 1VD–FTV
∗ 4 : Optitron Meter
∗ 7 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
∗ 8 : RHD Headlight Dimmer Switch Assembly RH Side Type

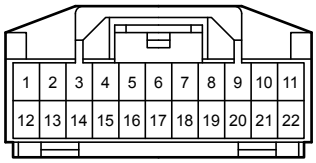


A 14
Black

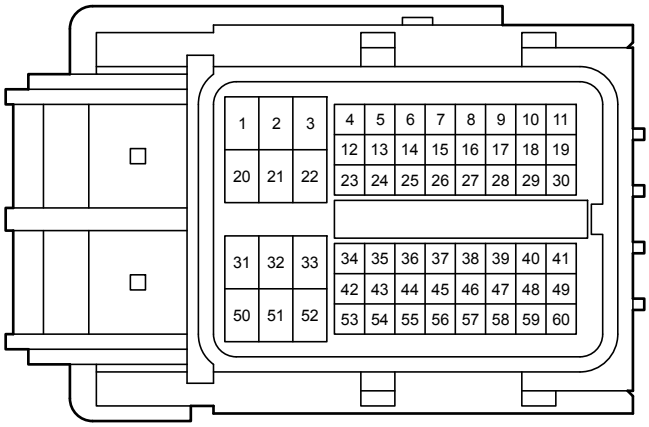
A 24
Black



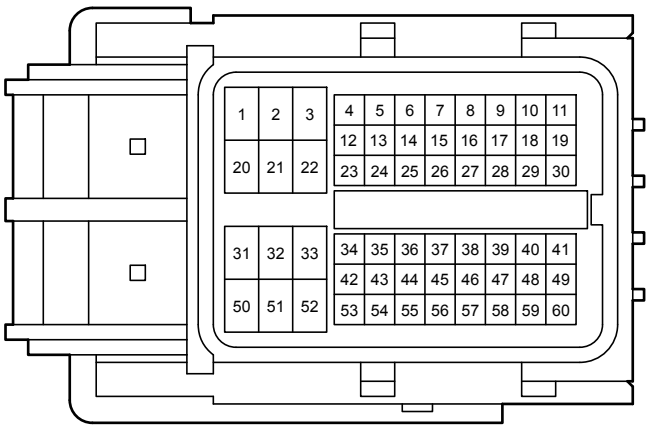

A 37
Blue



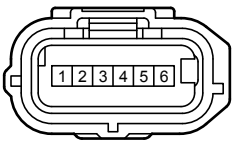

A 38
Black



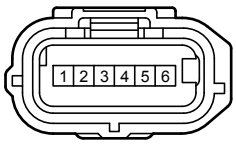

A 52
Black



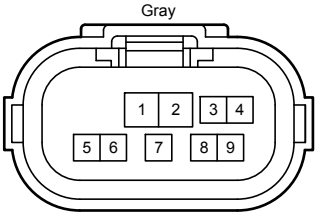

B 3
Black



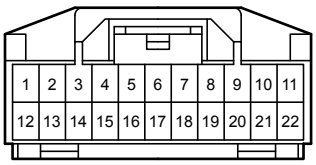

B 4
Black



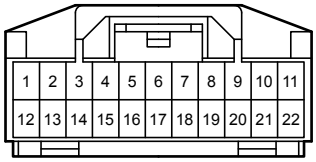

C 24
Gray



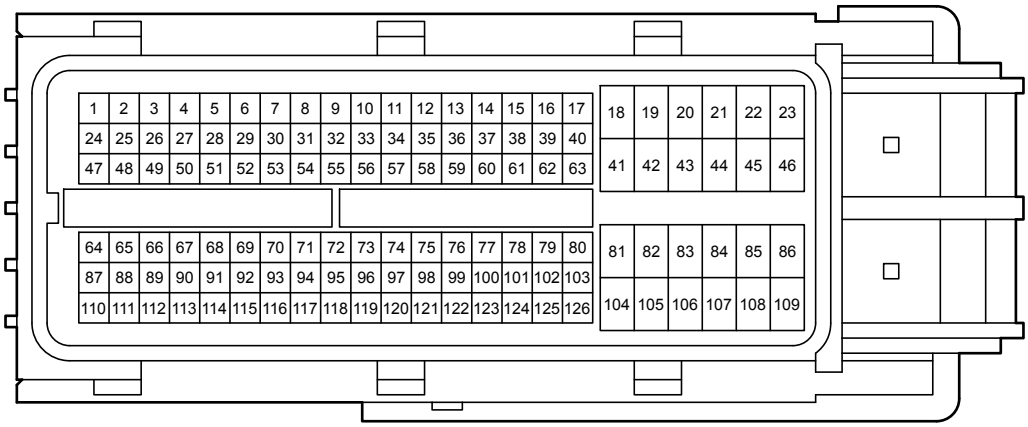

C 42
White



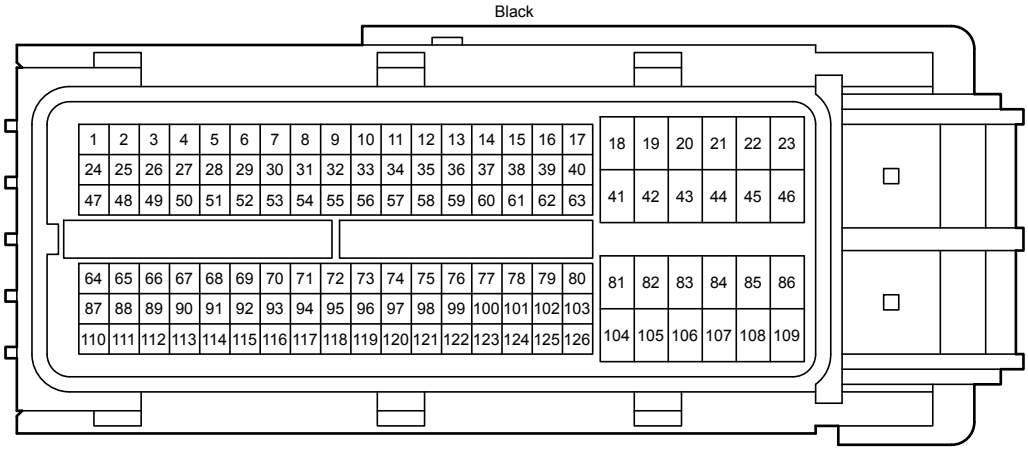
C 44
Blue




C 45
Black

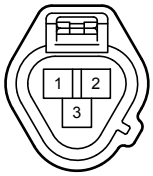



C 46
Black

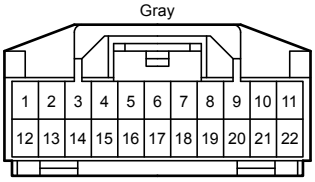



C 48
Dark Gray

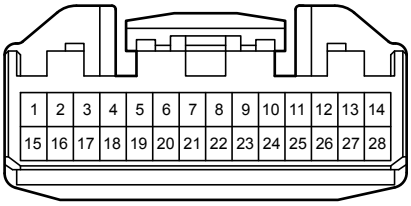
C 65
Black



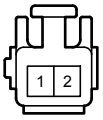

C 94
Gray



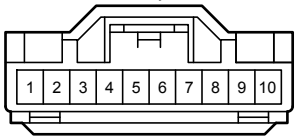

E 7
White



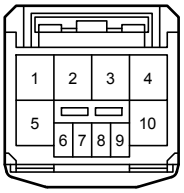

E 10
Black



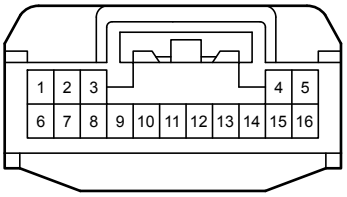

E 11
Gray



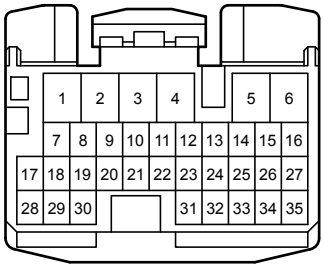

E 16
White



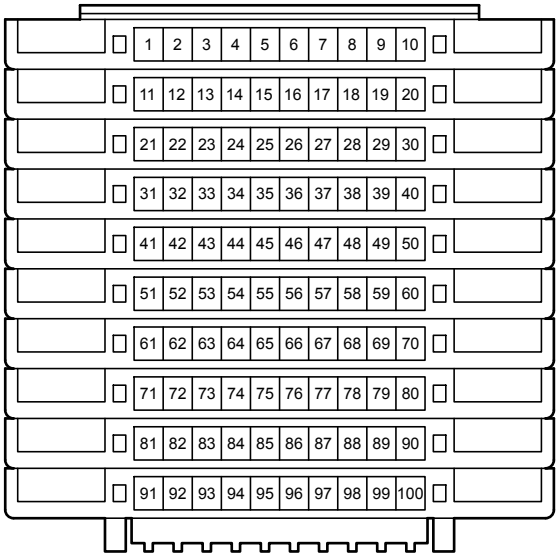

E 31
White



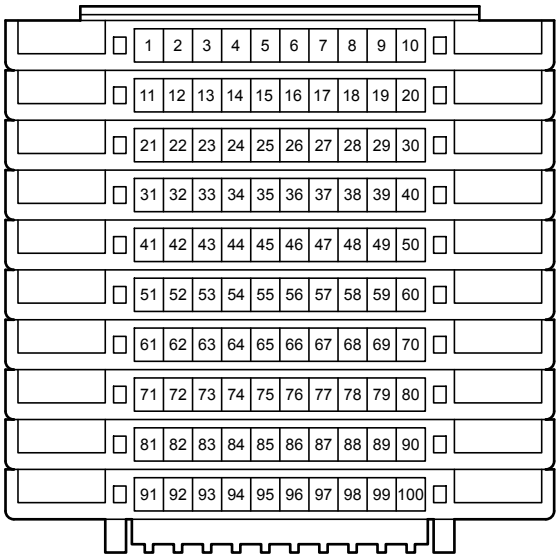
E 35
White



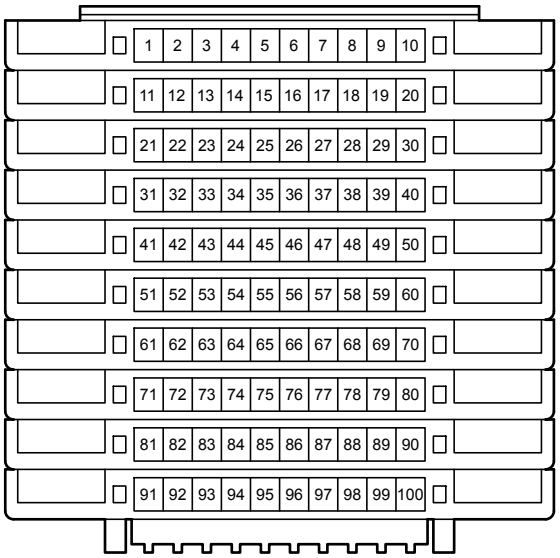

E 59



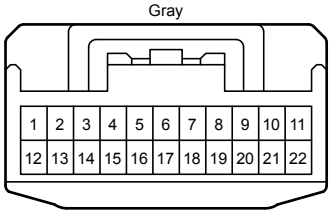

E 60



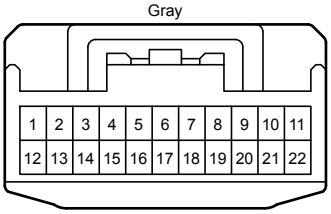

E 61



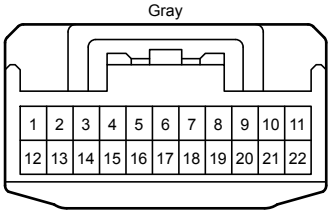

E 68
Gray



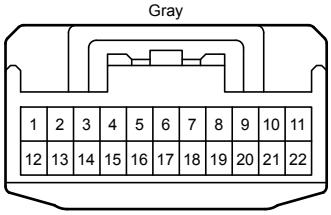

E 69
Gray



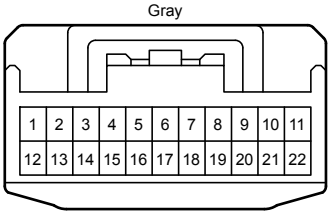

E 70
Gray



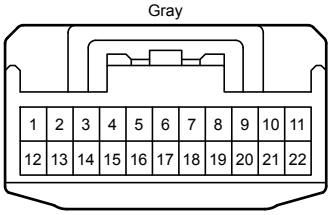

E 71
Gray



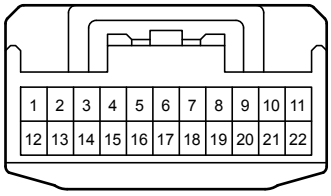

E 72
Gray



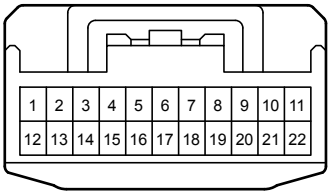

E 73
Gray



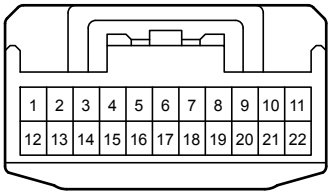
E 74
Gray



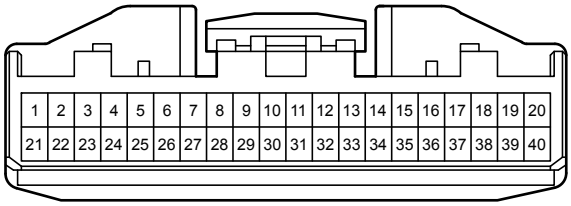

E 75
Gray



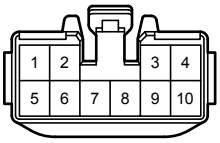

E 76
Gray




E 81
White

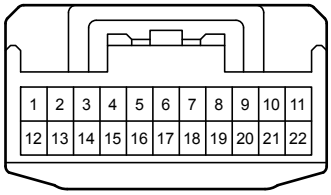



E 83
Blue

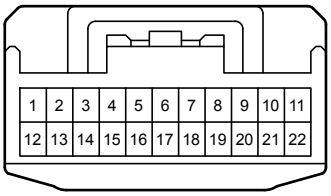



E 85
White

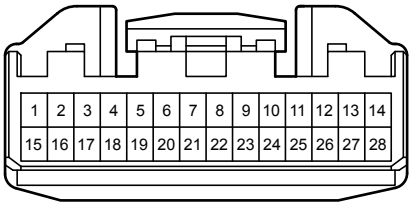
F 20
Gray



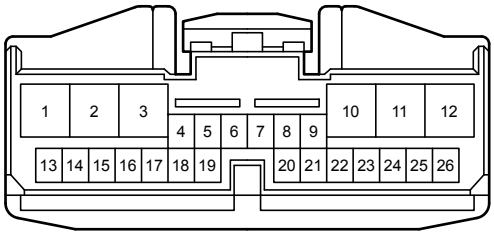

F 21
Black



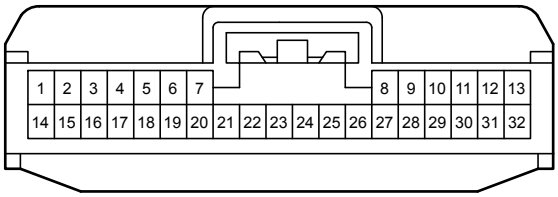

F 27
White



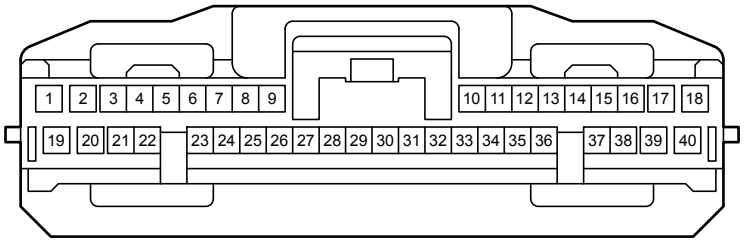

F 28
White




F 43
White




F 44
White



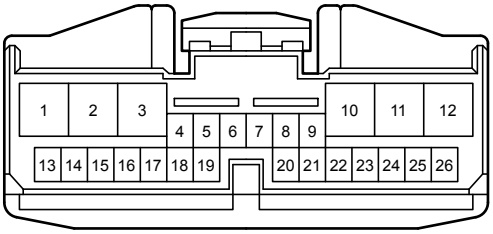

F 48
Blue

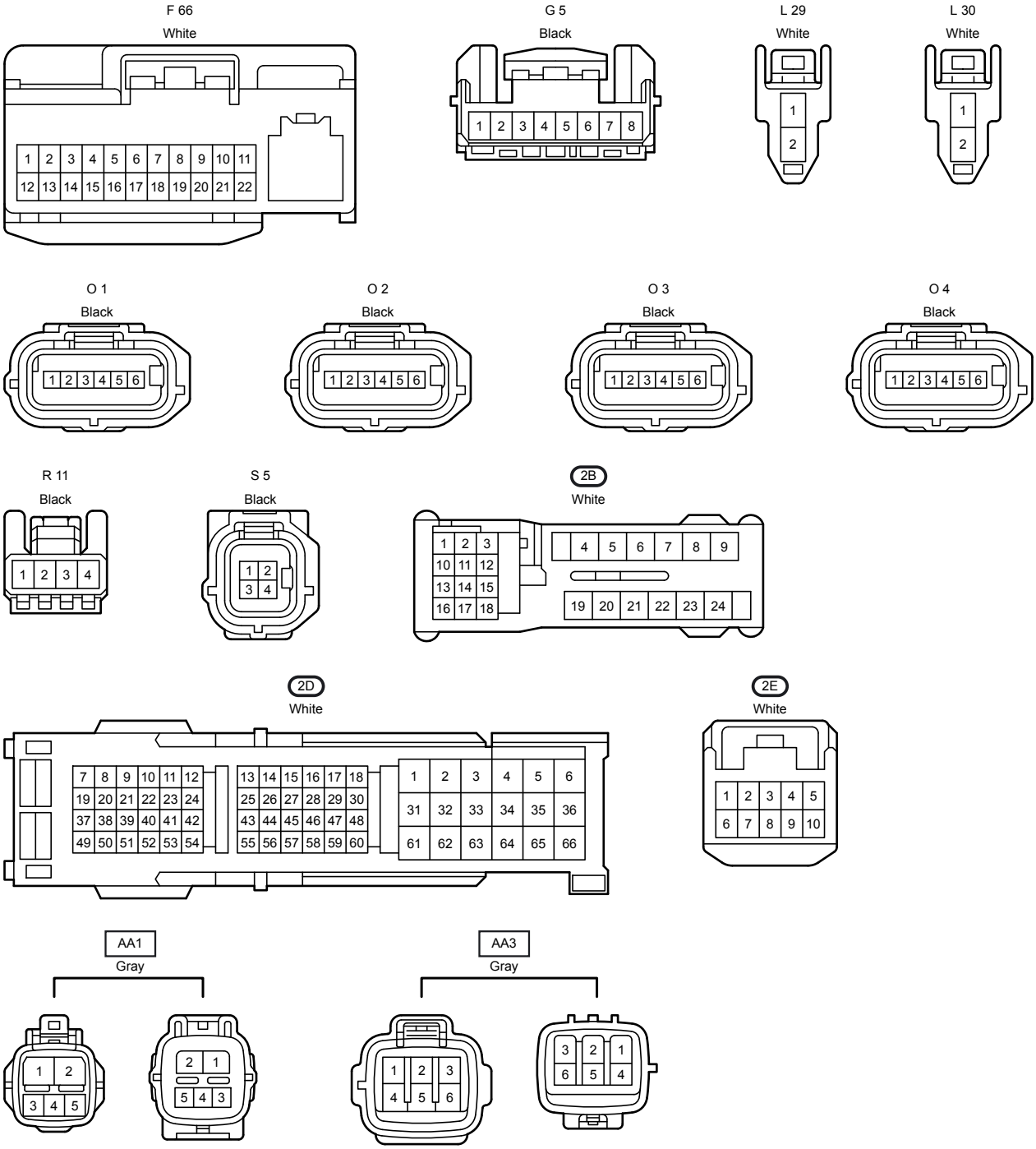
F 49
White

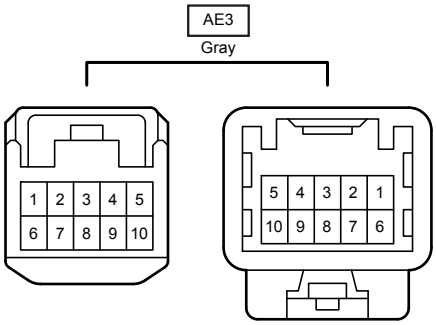
F 50
Blue

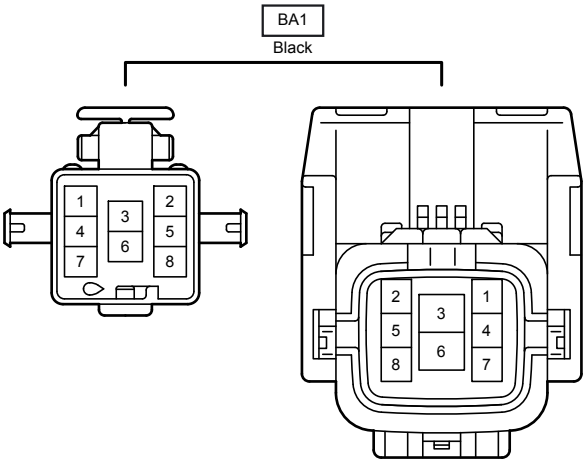
F 51
White

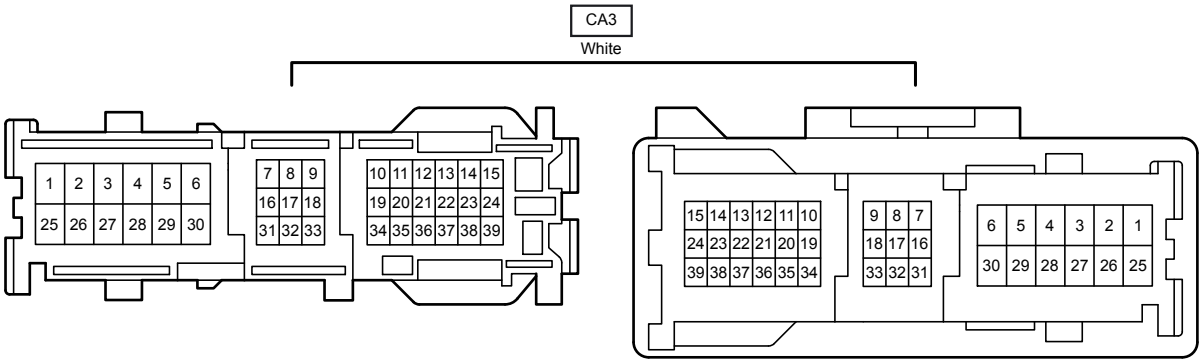
F 64
White

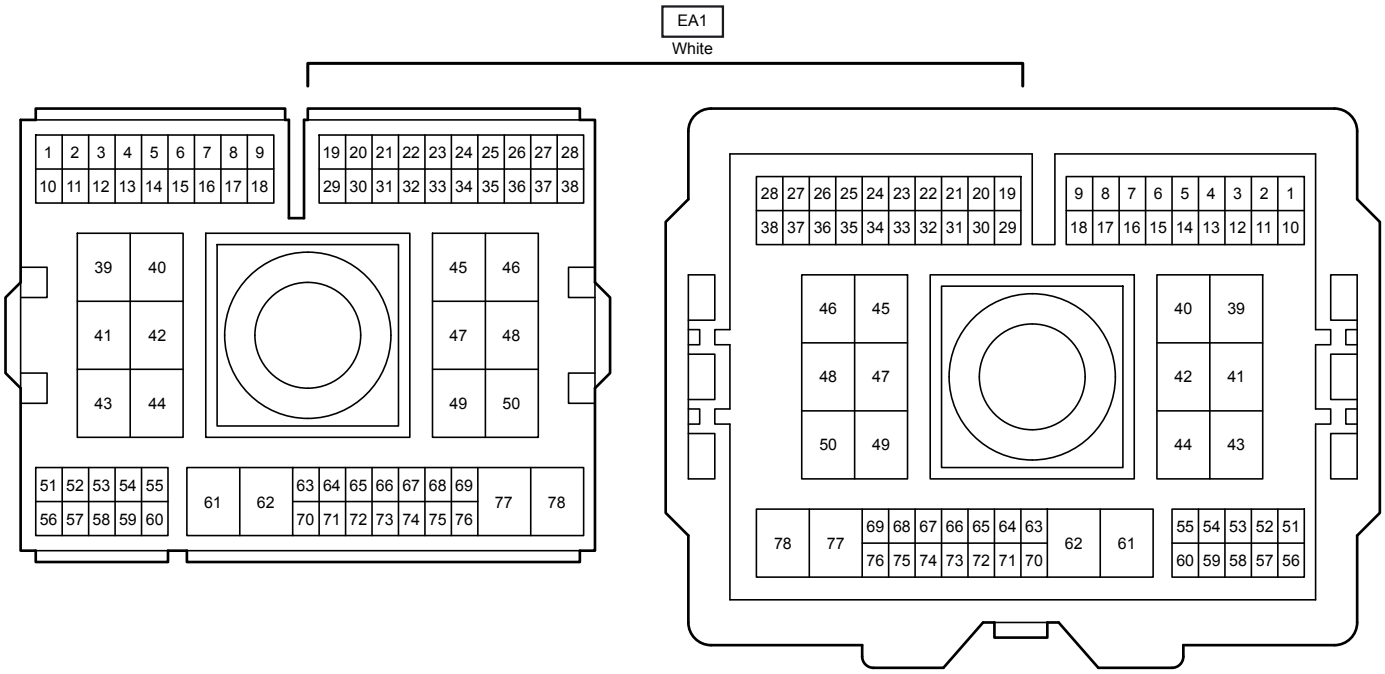


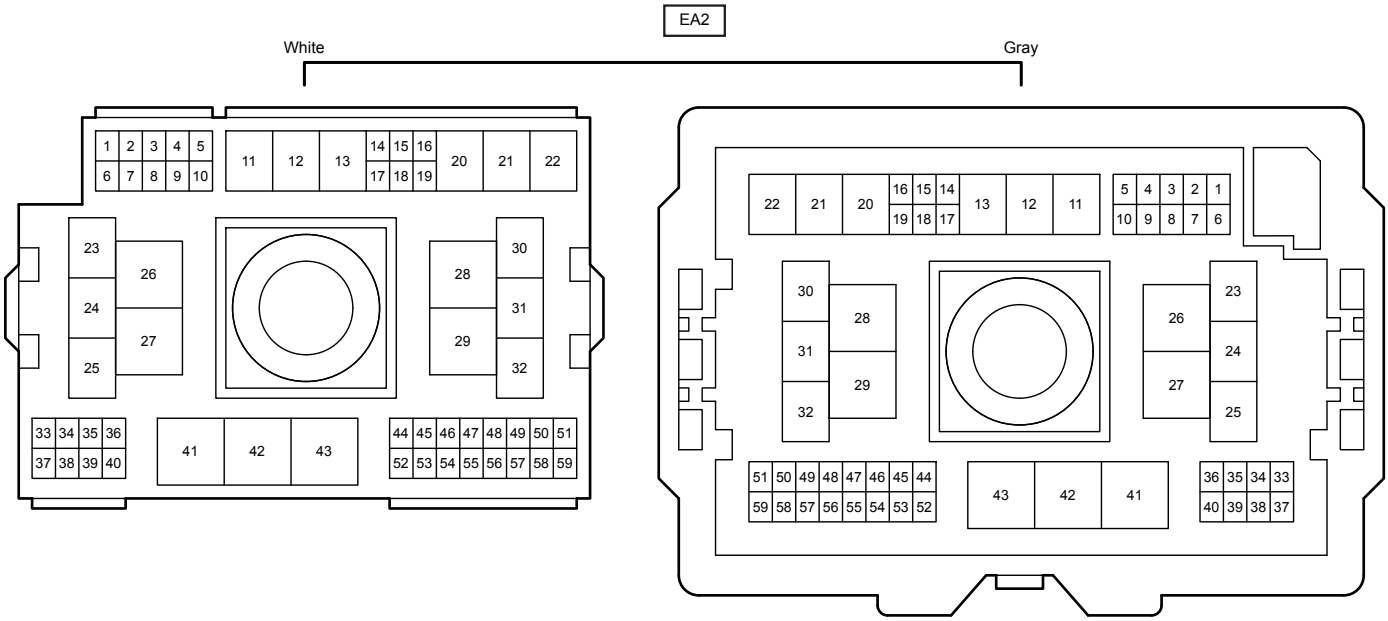

F 66
White
G 5
Black
L 29
White
L 30
White
O 1
Black
O 2
Black
O 3
Black
O 4
Black
R 11
Black
S 5
Black
2B
White
2D
White
2E
White
AA1
Gray
AA3
Gray

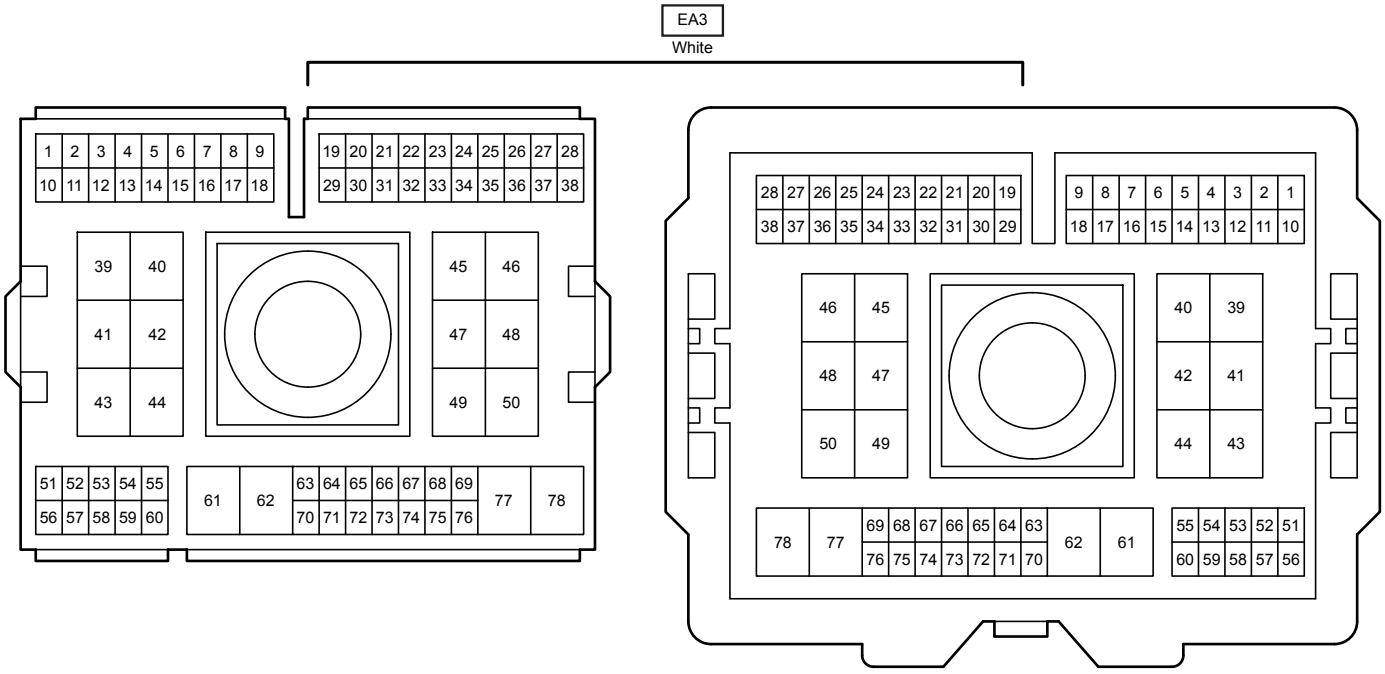

AE3
Gray
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

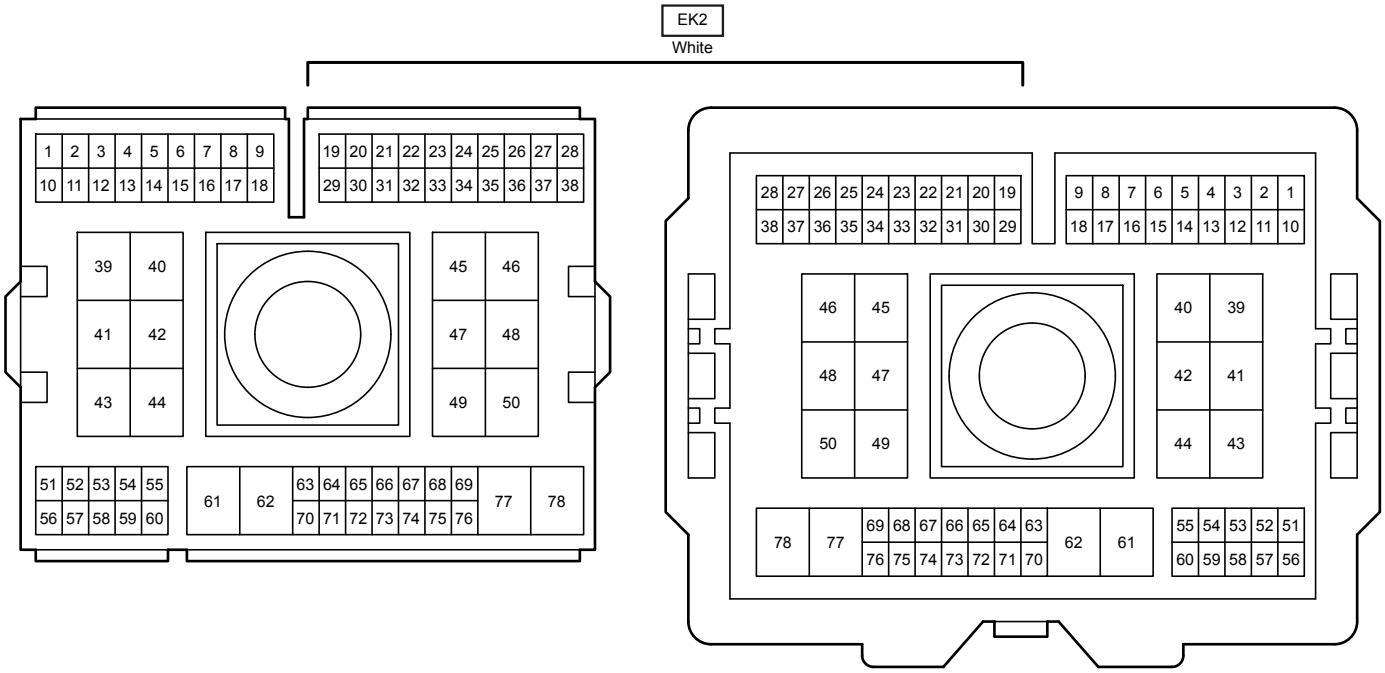

BA1
Black
1 3 2
4 6 5
7 8
2 1
3
5 4
8 6 7

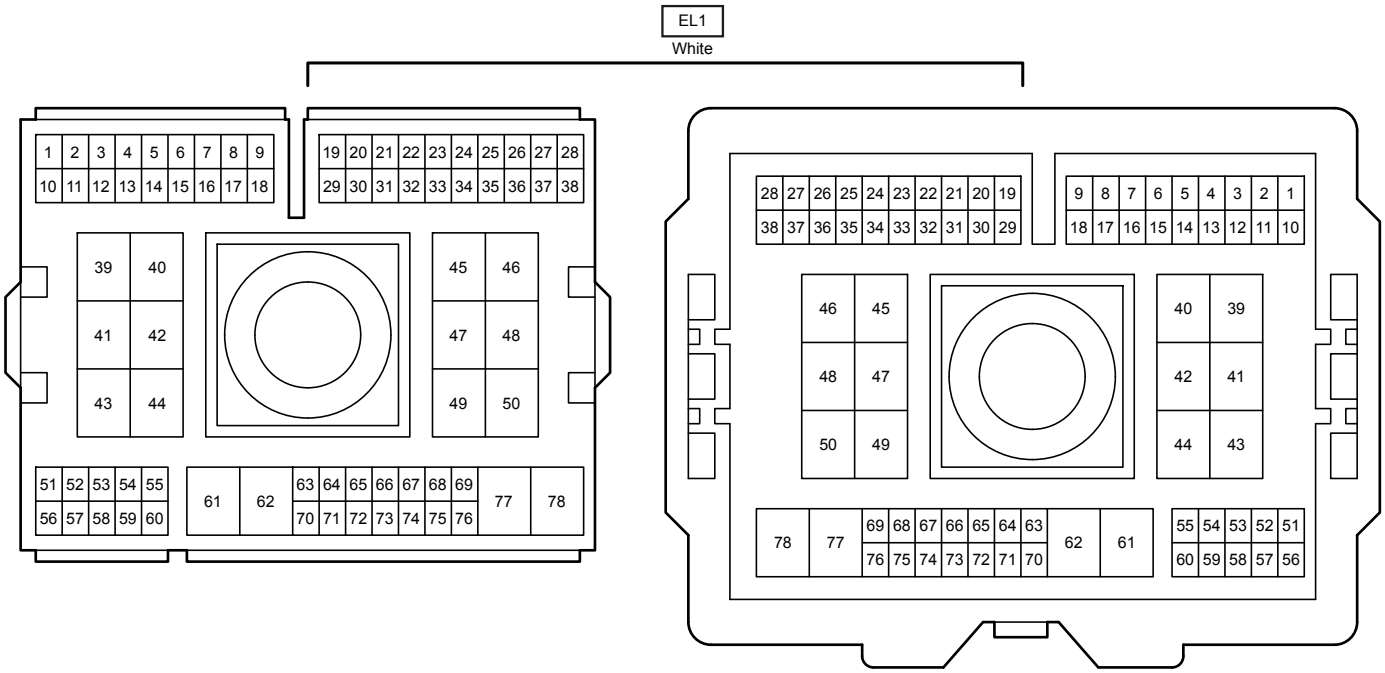

CA3
White
1 2 3 4 5 6
25 26 27 28 29 30
7 8 9
16 17 18
31 32 33
10 11 12 13 14 15
19 20 21 22 23 24
34 35 36 37 38 39
15 14 13 12 11 10
24 23 22 21 20 19
39 38 37 36 35 34
9 8 7
18 17 16
33 32 31
6 5 4 3 2 1
30 29 28 27 26 25

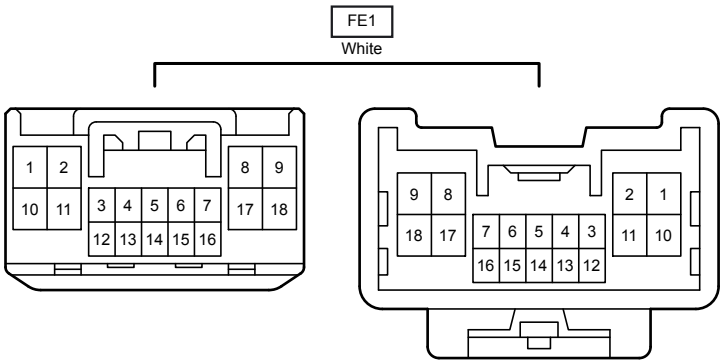

EA1
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40
41 42
43 44
45 46
47 48
49 50
51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7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

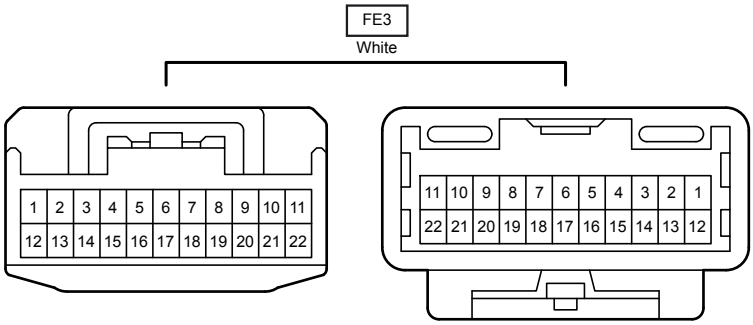

EA2
White
Gray

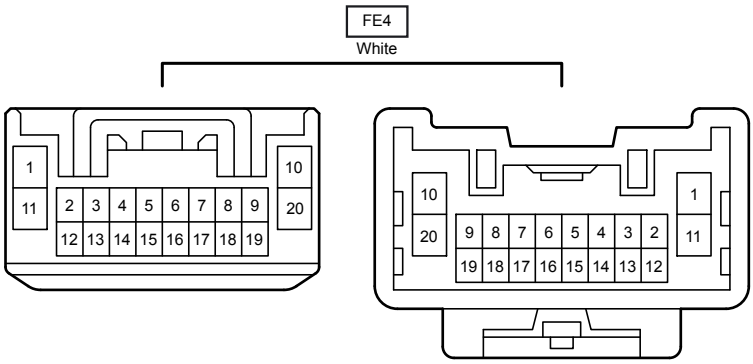

EA3
White

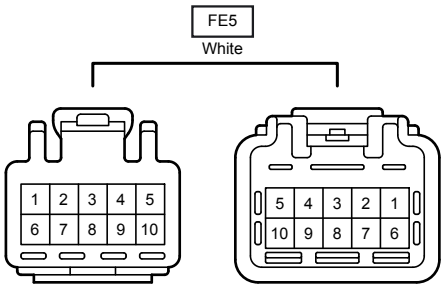

EK2
White

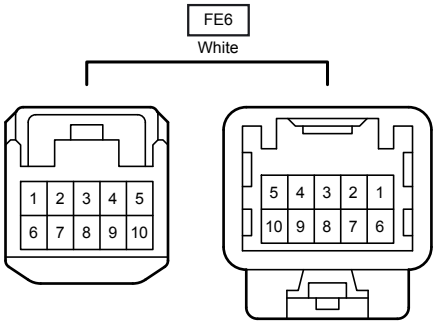

EL1
White

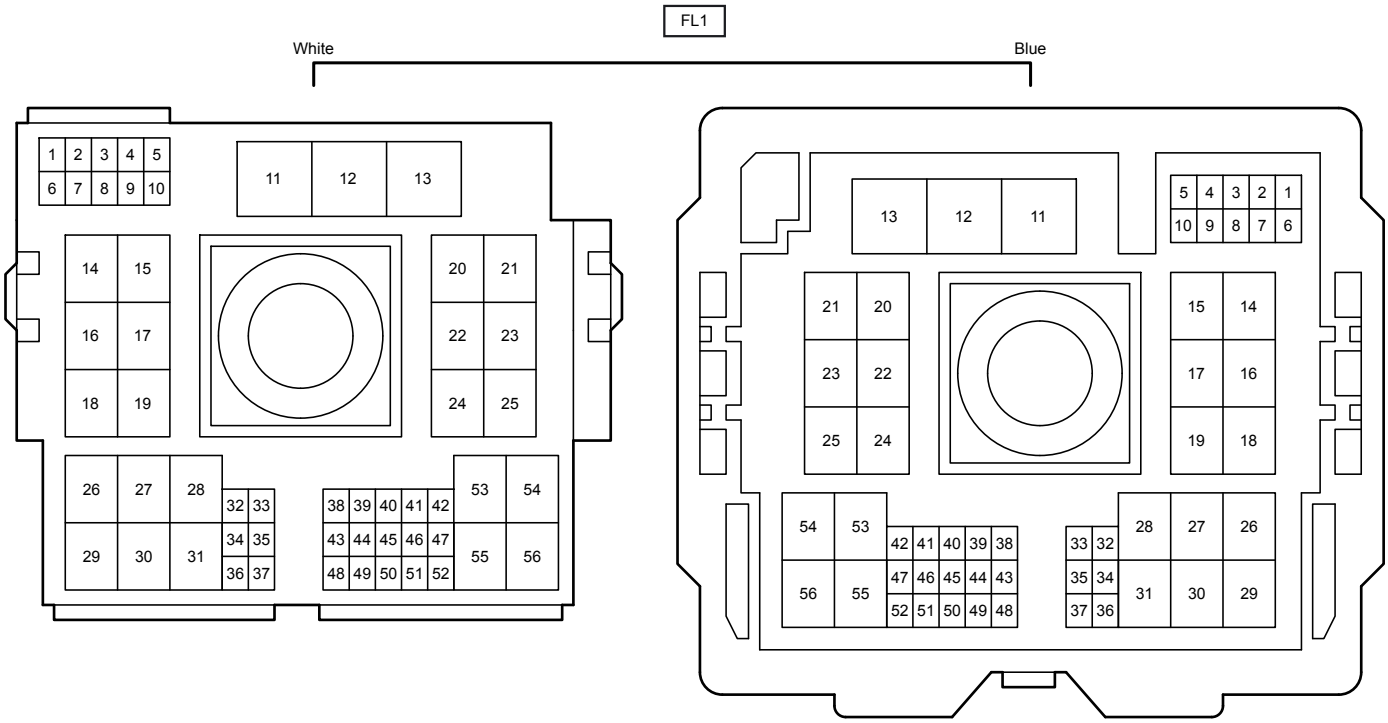

FE1
White

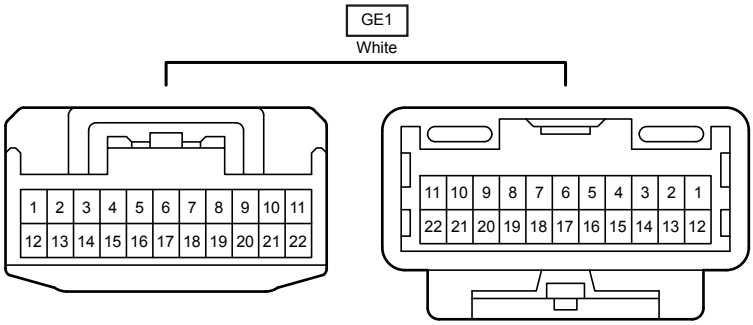

FE3
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12

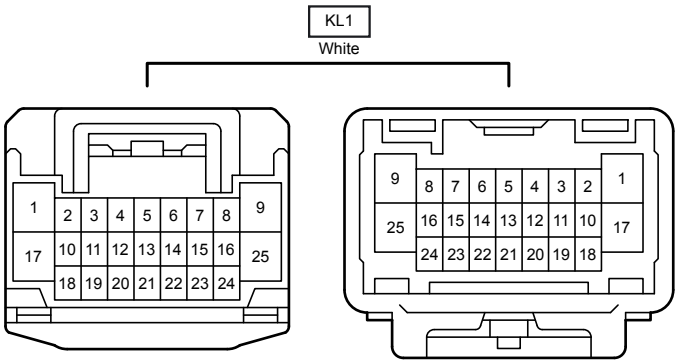

FE4
White
1 10
11 2 3 4 5 6 7 8 9 20
12 13 14 15 16 17 18 19
10 1
20 9 8 7 6 5 4 3 2 11
19 18 17 16 15 14 13 12

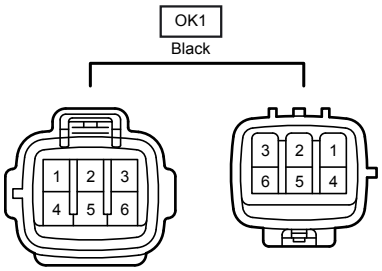

FE5
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

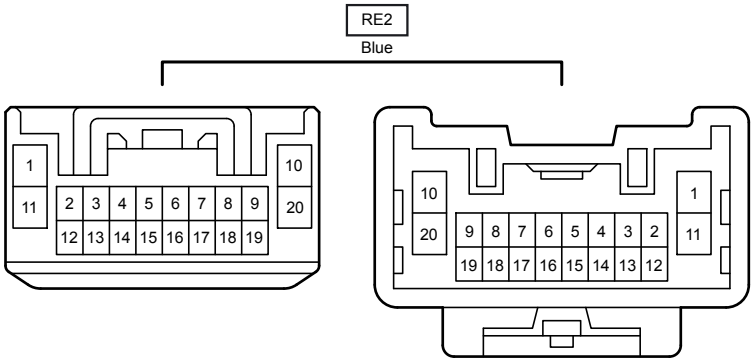

FE6
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

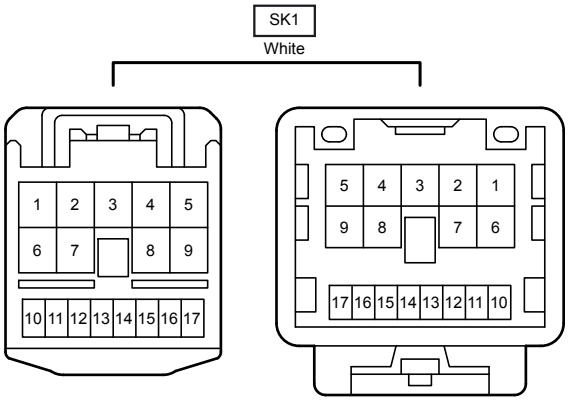

FL1
White
Blue
1 2 3 4 5
6 7 8 9 10
11 12 13
14 15
16 17
18 19
20 21
22 23
24 25
26 27 28
29 30 31
32 33
34 35
36 37
38 39 40 41 42
43 44 45 46 47
48 49 50 51 52
53 54
55 56
13 12 11
5 4 3 2 1
10 9 8 7 6
21 20
23 22
25 24
15 14
17 16
19 18
54 53
56 55
42 41 40 39 38
47 46 45 44 43
52 51 50 49 48
33 32
35 34
37 36
28 27 26
31 30 29


GE1
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


KL1
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


OK1
Black
1 2 3
4 5 6
3 2 1
6 5 4


RE2
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


SK1
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