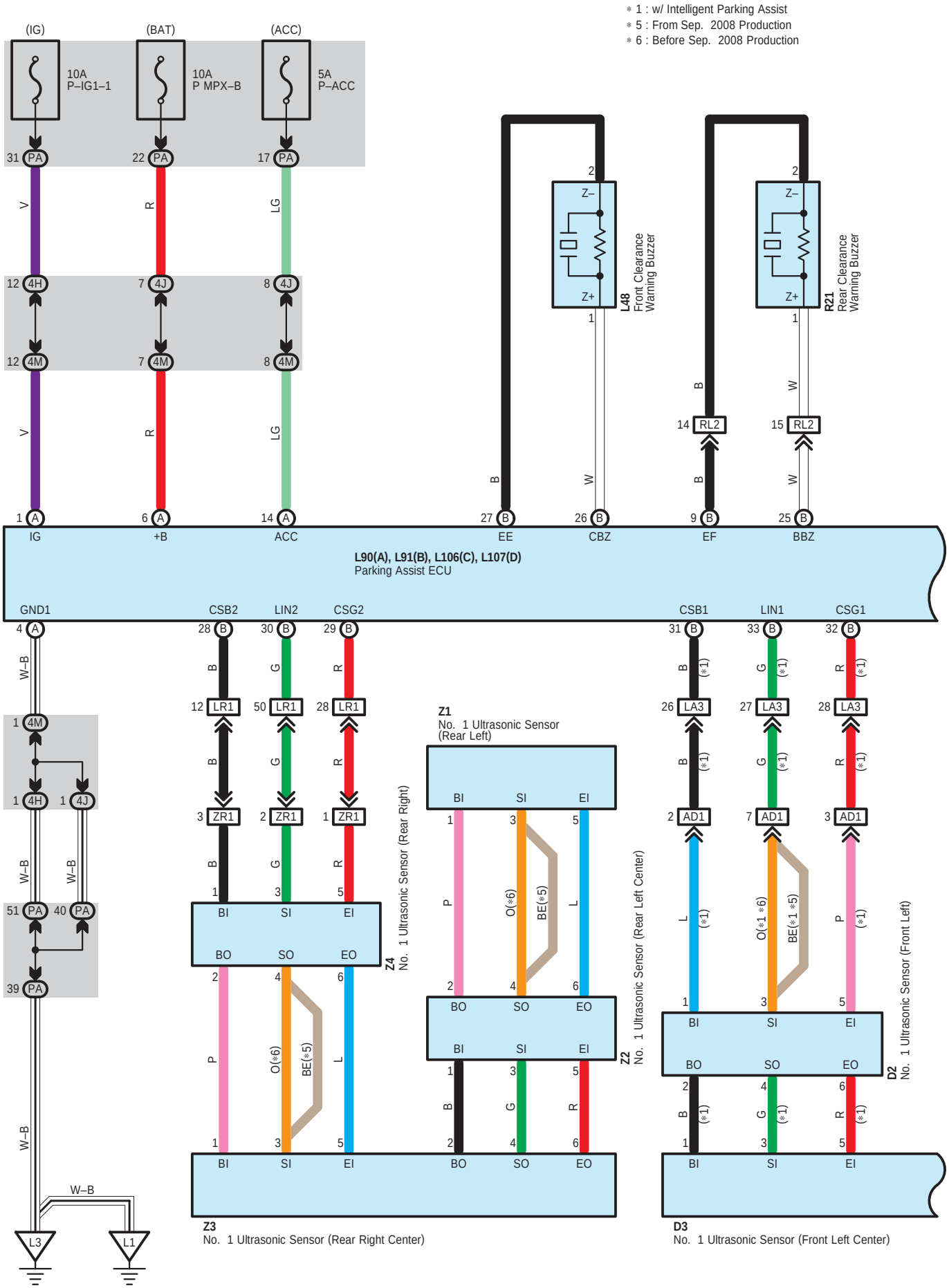
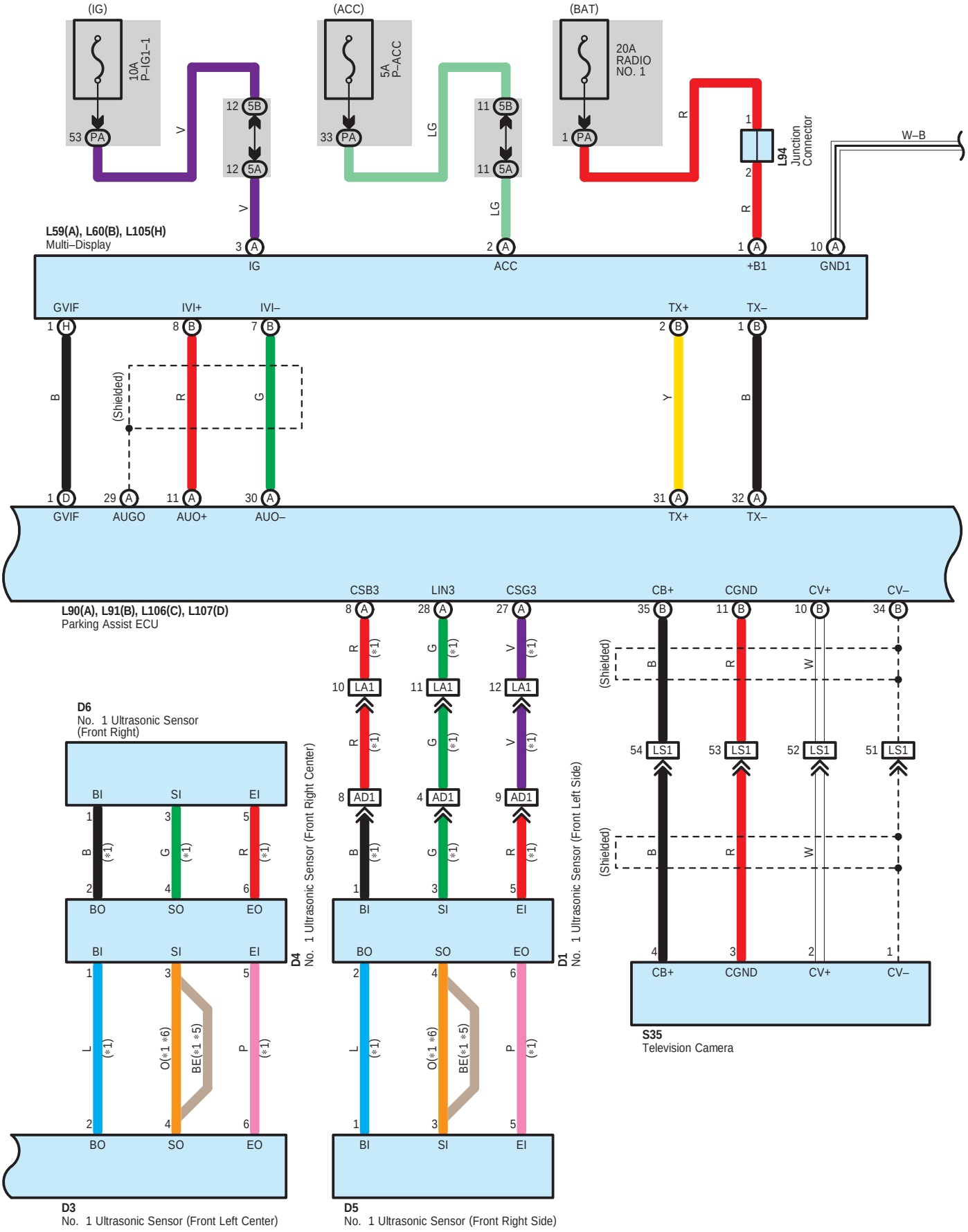
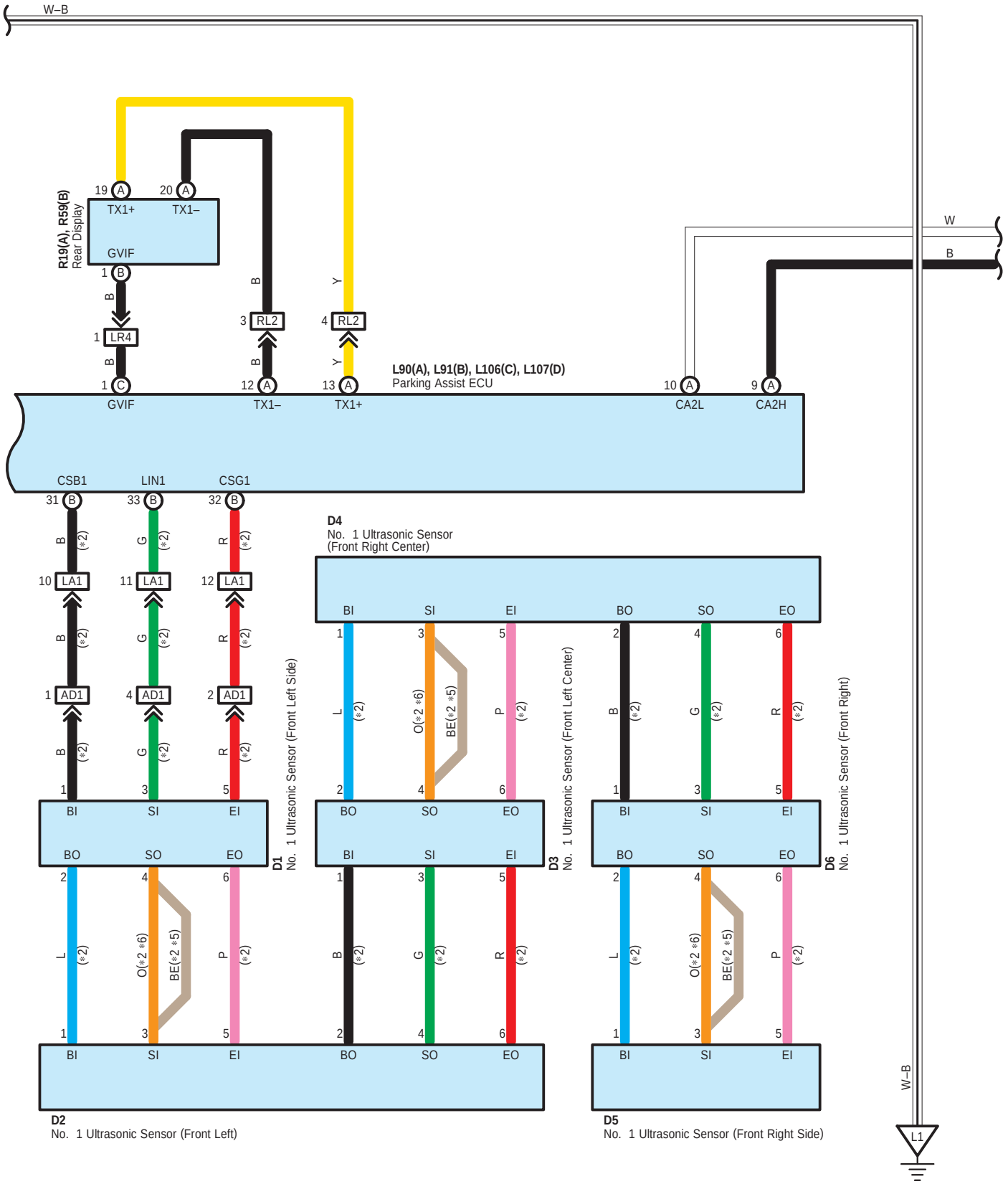
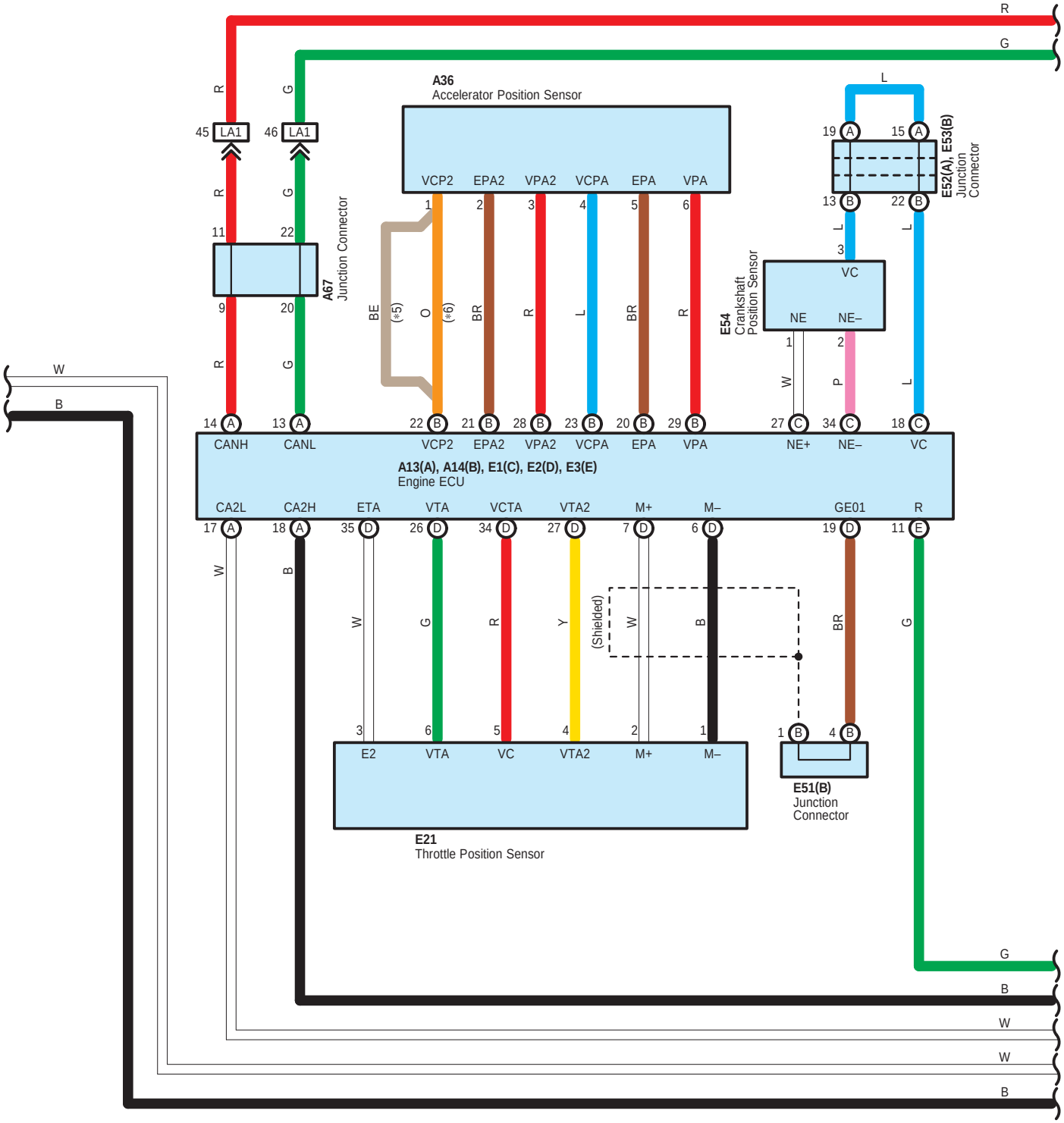
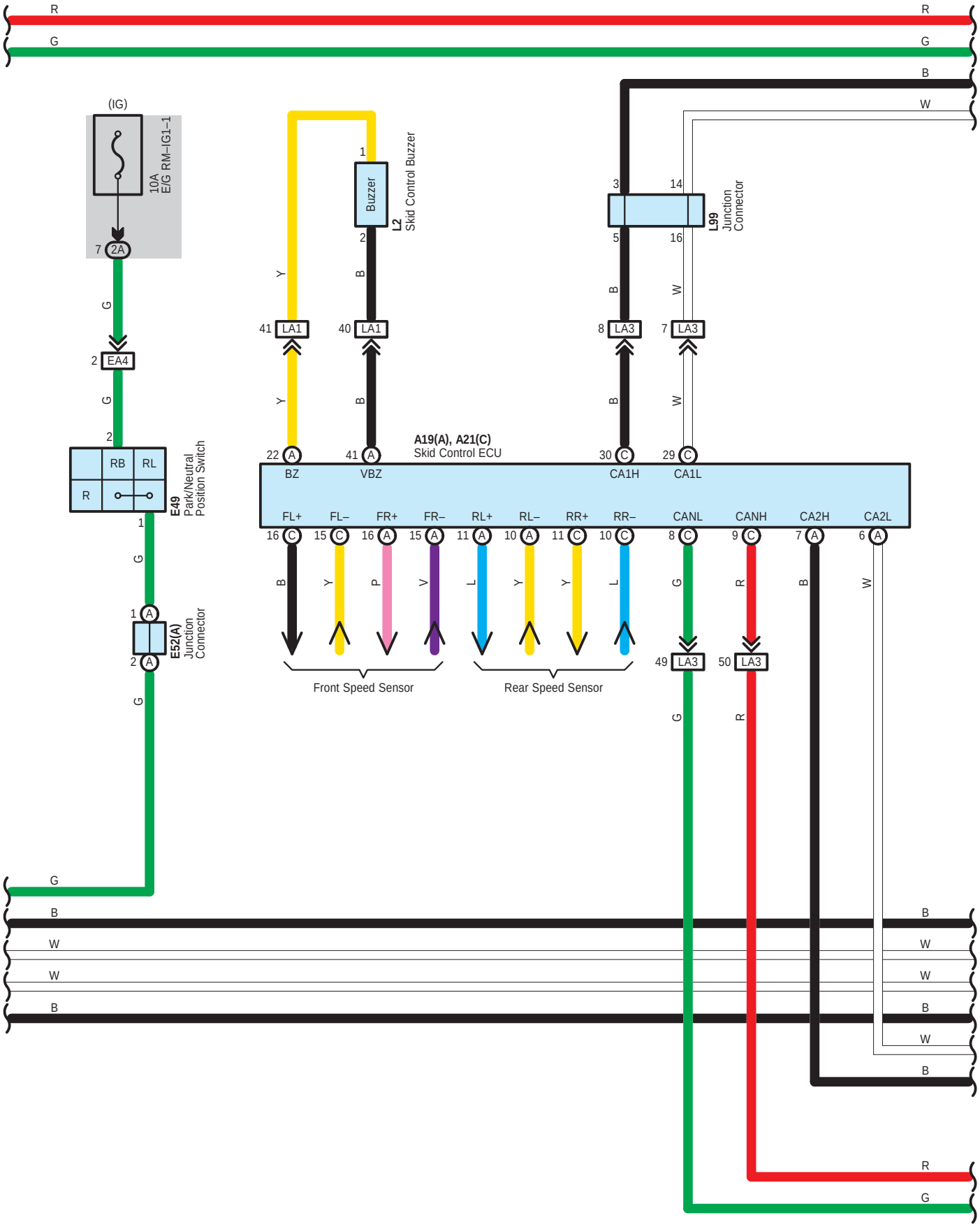

* 1 : w/ Intelligent Parking Assist
* 5 : From Sep. 2008 Production
* 6 : Before Sep. 2008 Production
(IG)
(BAT)
(ACC)
10A P–IG1–1
10A P MPX–B
5A P–ACC
L48 Front Clearance Warning Buzzer
R21 Rear Clearance Warning Buzzer
L90(A), L91(B), L106(C), L107(D)
Parking Assist ECU
IG
+B
ACC
EE
CBZ
EF
BBZ
GND1
CSB2
LIN2
CSG2
CSB1
LIN1
CSG1
Z1 No. 1 Ultrasonic Sensor (Rear Left)
Z2 No. 1 Ultrasonic Sensor (Rear Left Center)
Z3 No. 1 Ultrasonic Sensor (Rear Right Center)
Z4 No. 1 Ultrasonic Sensor (Rear Right)
D2 No. 1 Ultrasonic Sensor (Front Left)
D3 No. 1 Ultrasonic Sensor (Front Left Center)

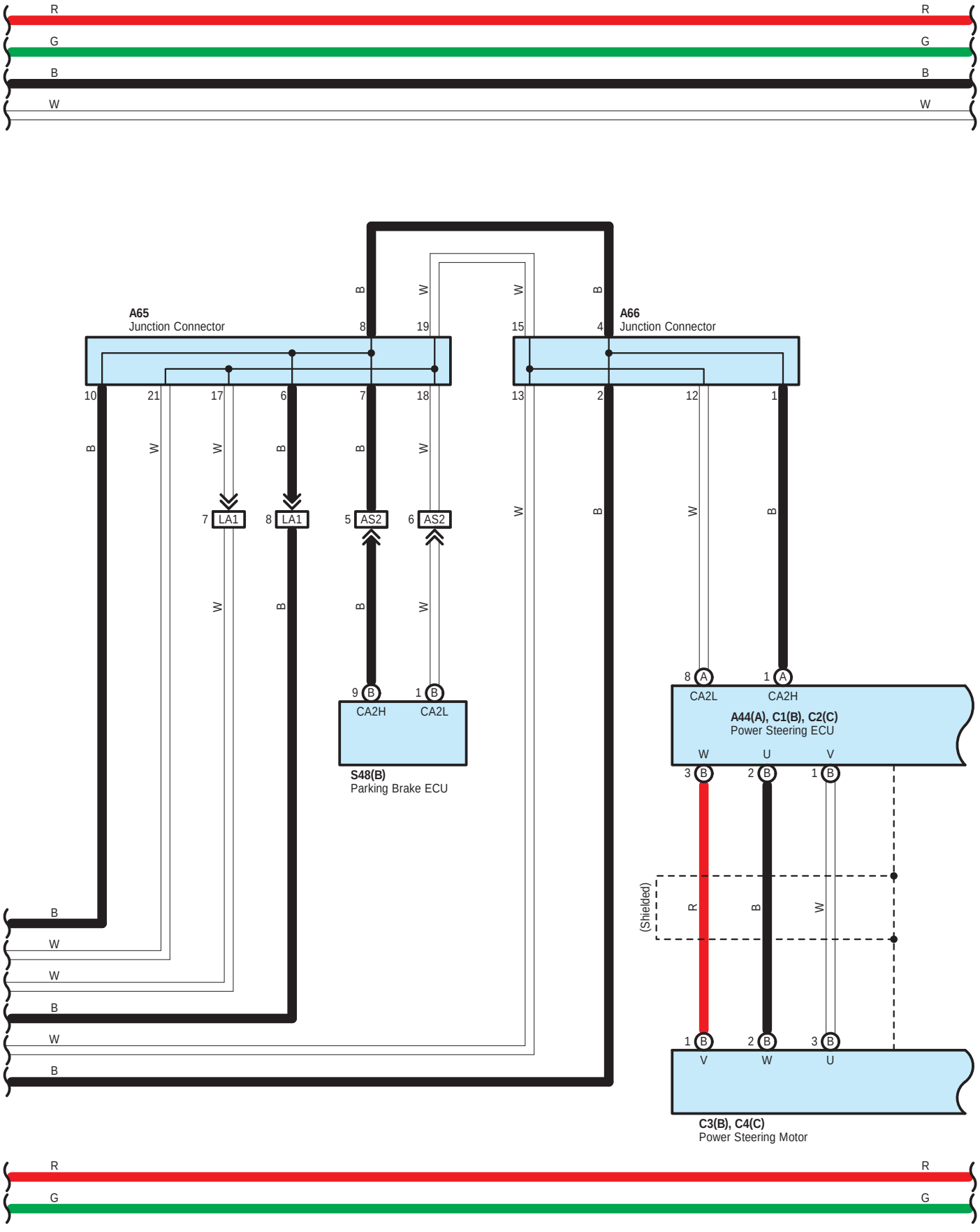

(IG)
10A P–IG1–1
53 PA
12 5B
12 5A
(ACC)
5A P–ACC
33 PA
11 5B
11 5A
(BAT)
20A RADIO NO. 1
1 PA
L94 Junction Connector
W–B
L59(A), L60(B), L105(H)
Multi–Display
3 A IG
2 A ACC
1 A +B1
10 A GND1
GVIF
IVI+
IVI–
TX+
TX–
1 H
8 B
7 B
2 B
1 B
(Shielded)
1 D GVIF
29 A AUGO
11 A AUO+
30 A AUO–
31 A TX+
32 A TX–
L90(A), L91(B), L106(C), L107(D)
Parking Assist ECU
CSB3
LIN3
CSG3
CB+
CGND
CV+
CV–
8 A
28 A
27 A
35 B
11 B
10 B
34 B
10 LA1
11 LA1
12 LA1
8 AD1
4 AD1
9 AD1
54 LS1
53 LS1
52 LS1
51 LS1
D6
No. 1 Ultrasonic Sensor (Front Right)
BI
SI
EI
BO
SO
EO
D4
No. 1 Ultrasonic Sensor (Front Right Center)
D1
No. 1 Ultrasonic Sensor (Front Left Side)
O(*1 *6)
BE(*1 *5)
S35
Television Camera
D3
No. 1 Ultrasonic Sensor (Front Left Center)
D5
No. 1 Ultrasonic Sensor (Front Right Side)

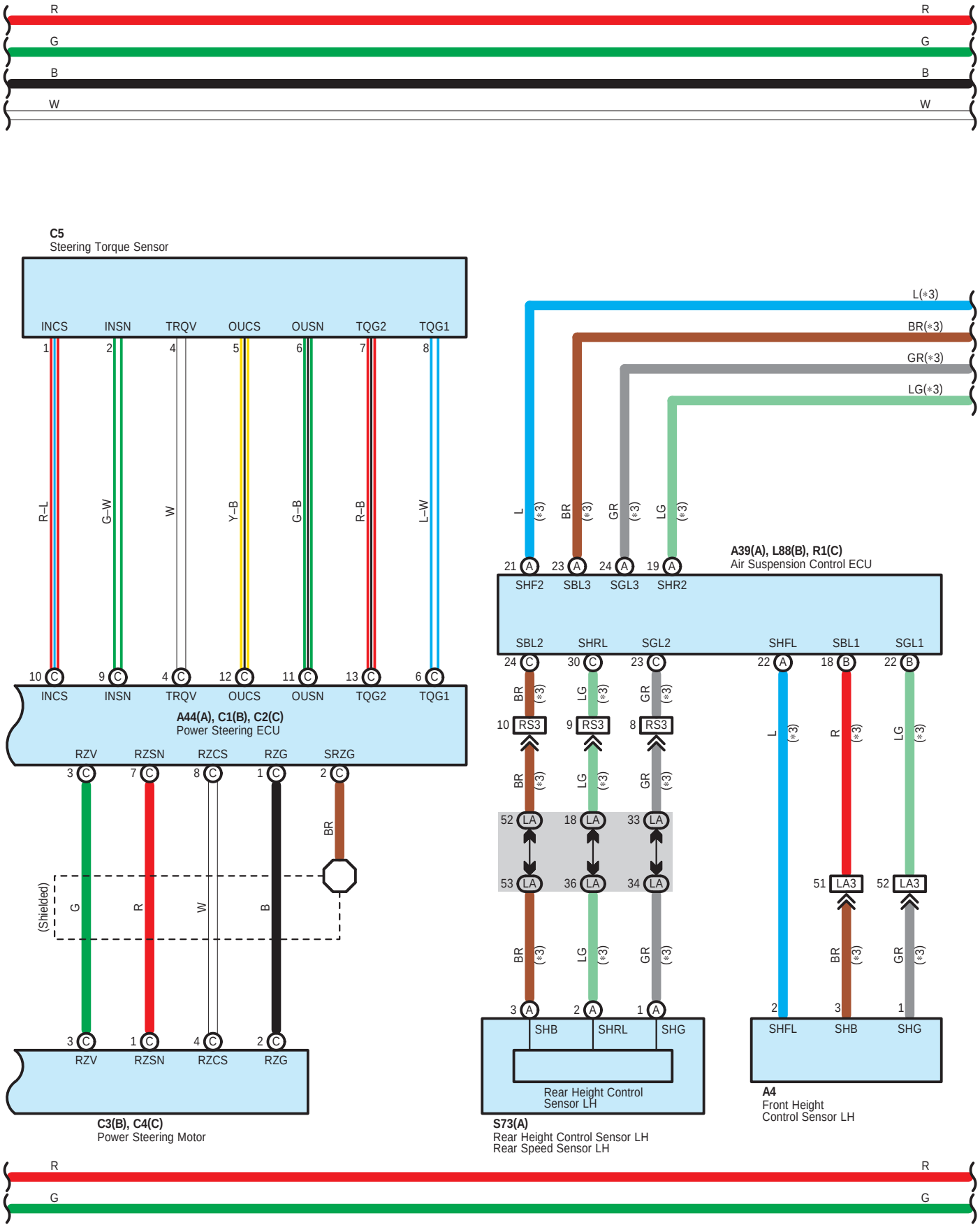
∗ 2 : w/ Parking Assist (Back Guide Monitor)
∗ 5 : From Sep. 2008 Production
∗ 6 : Before Sep. 2008 Production

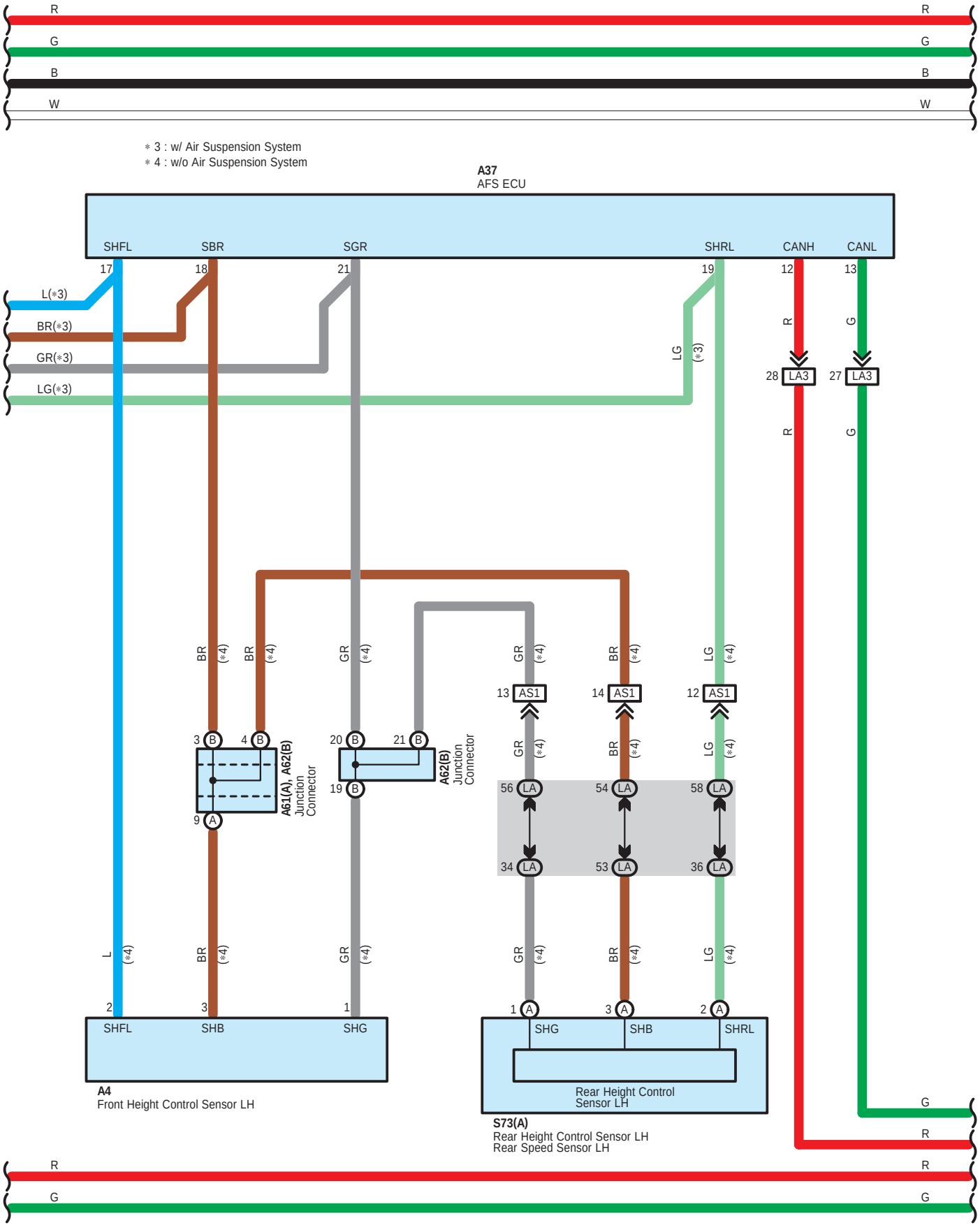


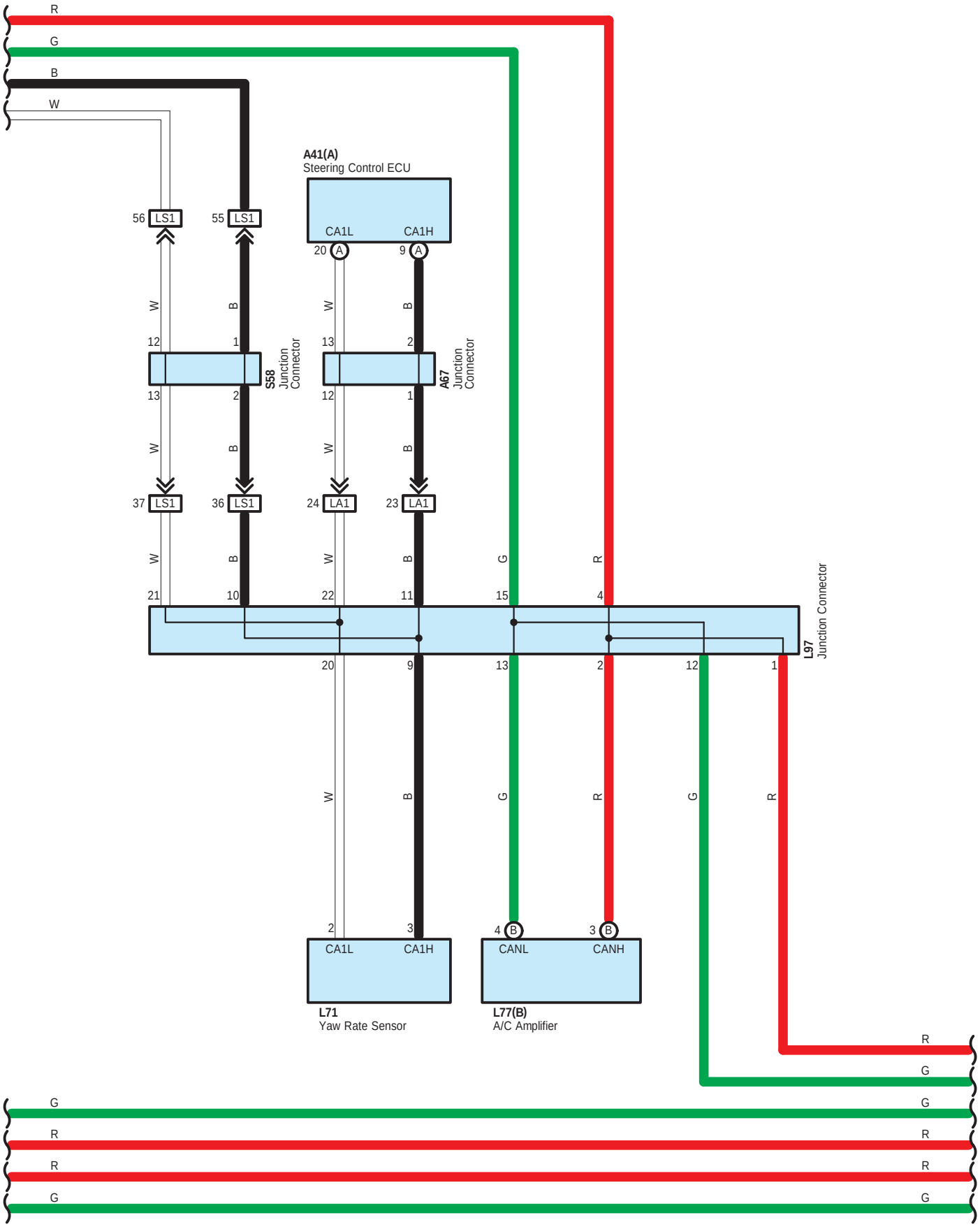

A36
Accelerator Position Sensor
VCP2 EPA2 VPA2 VCPA EPA VPA
45 LA1
46 LA1
A67
Junction Connector
E52(A), E53(B)
Junction Connector
E54
Crankshaft Position Sensor
VC
NE NE–
CANH CANL VCP2 EPA2 VPA2 VCPA EPA VPA NE+ NE– VC
A13(A), A14(B), E1(C), E2(D), E3(E)
Engine ECU
CA2L CA2H ETA VTA VCTA VTA2 M+ M– GE01 R
(Shielded)
E2 VTA VC VTA2 M+ M–
E21
Throttle Position Sensor
E51(B)
Junction Connector

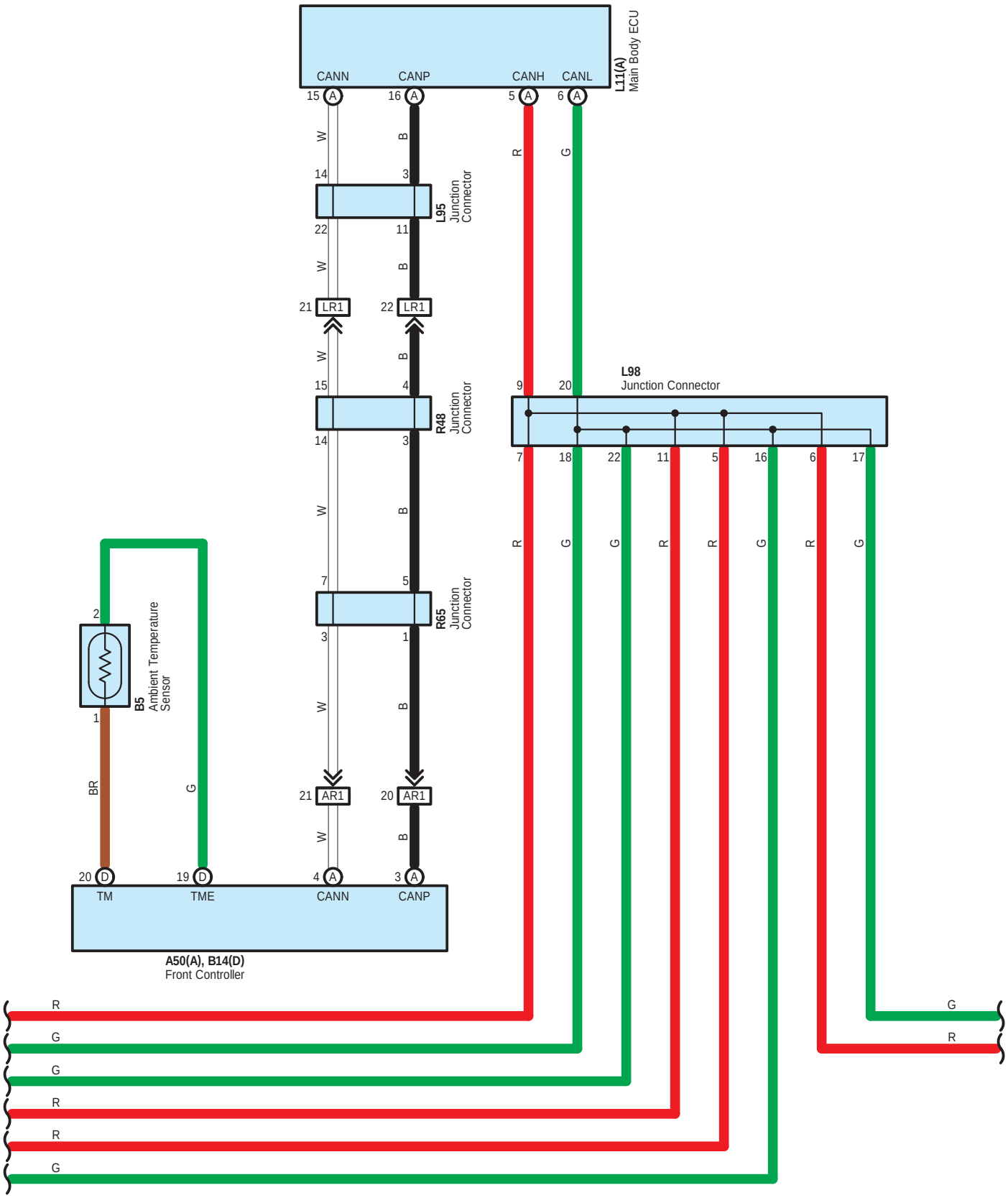

R
G
B
W
(IG)
10A
E/G RM–IG1–1
7 2A
G
2 EA4
G
2
RB
RL
R
E49
Park/Neutral
Position Switch
1
G
1 A
2 A
E52(A)
Junction
Connector
G
Buzzer
1
2
L2
Skid Control Buzzer
Y
B
41 LA1
40 LA1
Y
B
22 A
BZ
41 A
VBZ
A19(A), A21(C)
Skid Control ECU
3
14
5
16
L99
Junction
Connector
B
W
8 LA3
7 LA3
B
W
30 C
CA1H
29 C
CA1L
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
CANL
CANH
CA2H
CA2L
16 C
15 C
16 A
15 A
11 A
10 A
11 C
10 C
8 C
9 C
7 A
6 A
B
Y
P
V
L
Y
Y
L
G
R
B
W
Front Speed Sensor
Rear Speed Sensor
49 LA3
50 LA3
G
R
G
B
W
W
B
B
W
B
R
G

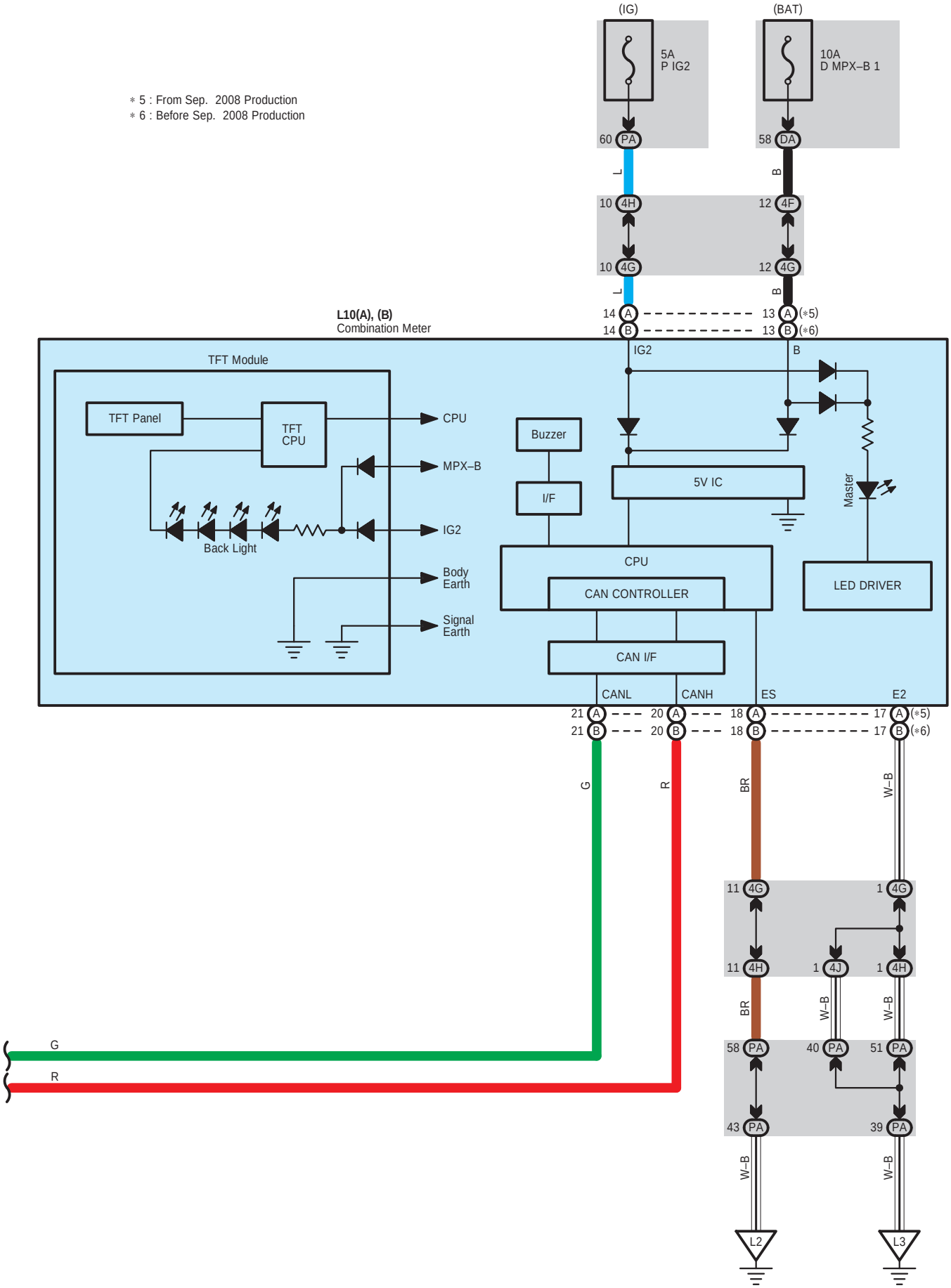

R
G
B
W
A65
Junction Connector
A66
Junction Connector
LA1
AS2
CA2H
CA2L
S48(B)
Parking Brake ECU
A44(A), C1(B), C2(C)
Power Steering ECU
W
U
V
(Shielded)
C3(B), C4(C)
Power Steering Motor


R
G
B
W
C5
Steering Torque Sensor
INCS
INSN
TRQV
OUCS
OUSN
TQG2
TQG1
R–L
G–W
W
Y–B
G–B
R–B
L–W
A44(A), C1(B), C2(C)
Power Steering ECU
RZV
RZSN
RZCS
RZG
SRZG
(Shielded)
C3(B), C4(C)
Power Steering Motor
L(*3)
BR(*3)
GR(*3)
LG(*3)
A39(A), L88(B), R1(C)
Air Suspension Control ECU
SHF2
SBL3
SGL3
SHR2
SBL2
SHRL
SGL2
SHFL
SBL1
SGL1
RS3
LA
LA3
SHB
SHG
Rear Height Control
Sensor LH
S73(A)
Rear Height Control Sensor LH
Rear Speed Sensor LH
A4
Front Height
Control Sensor LH

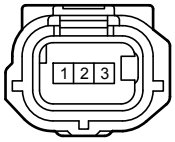

R
G
B
W
* 3 : w/ Air Suspension System
* 4 : w/o Air Suspension System
A37
AFS ECU
SHFL
SBR
SGR
SHRL
CANH
CANL
17
18
21
19
12
13
L(*3)
BR(*3)
GR(*3)
LG(*3)
LG
(*3)
28 LA3
27 LA3
BR (*4)
GR (*4)
LG (*4)
13 AS1
14 AS1
12 AS1
3 B
4 B
20 B
21 B
19 B
9 A
A61(A), A62(B)
Junction
Connector
A62(B)
Junction
Connector
56 LA
54 LA
58 LA
34 LA
53 LA
36 LA
L (*4)
2
3
1
1 A
3 A
2 A
SHFL
SHB
SHG
SHG
SHB
SHRL
A4
Front Height Control Sensor LH
Rear Height Control
Sensor LH
S73(A)
Rear Height Control Sensor LH
Rear Speed Sensor LH


R
G
B
W
A41(A)
Steering Control ECU
CA1L
CA1H
20 A
9 A
56 LS1
55 LS1
37 LS1
36 LS1
24 LA1
23 LA1
S58
Junction
Connector
A67
Junction
Connector
L97
Junction Connector
2
3
CA1L
CA1H
L71
Yaw Rate Sensor
4 B
3 B
CANL
CANH
L77(B)
A/C Amplifier

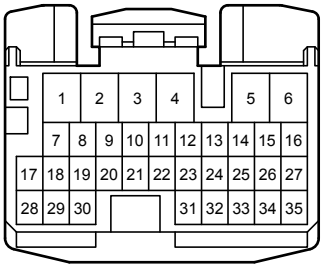

L11(A)
Main Body ECU
CANN
CANP
CANH
CANL
15 A
16 A
5 A
6 A
W
B
R
G
14
3
L95
Junction
Connector
22
11
21 LR1
22 LR1
15
4
R48
Junction
Connector
9
20
L98
Junction Connector
7
18
22
11
5
16
6
17
7
5
R65
Junction
Connector
3
1
2
1
B5
Ambient Temperature
Sensor
BR
21 AR1
20 AR1
20 D
19 D
4 A
3 A
TM
TME
CANN
CANP
A50(A), B14(D)
Front Controller


(IG)
(BAT)
5A
P IG2
10A
D MPX–B 1
∗ 5 : From Sep. 2008 Production
∗ 6 : Before Sep. 2008 Production
60 PA
58 DA
L
B
10 4H
12 4F
10 4G
12 4G
L10(A), (B)
Combination Meter
14 A
14 B
13 A (∗5)
13 B (∗6)
IG2
B
TFT Module
TFT Panel
TFT CPU
CPU
MPX–B
IG2
Back Light
Body Earth
Signal Earth
Buzzer
I/F
5V IC
Master
CPU
CAN CONTROLLER
LED DRIVER
CAN I/F
CANL
CANH
ES
E2
21 A
21 B
20 A
20 B
18 A
18 B
17 A (∗5)
17 B (∗6)
G
R
BR
W–B
11 4G
1 4G
11 4H
1 4J
1 4H
BR
W–B
W–B
G
R
58 PA
40 PA
51 PA
43 PA
39 PA
W–B
W–B
L2
L3

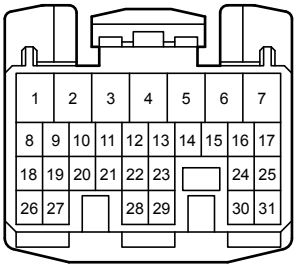
A 4
Black



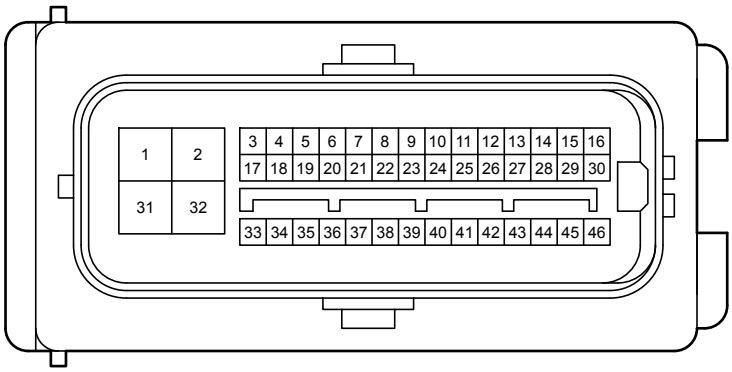
A 13
White



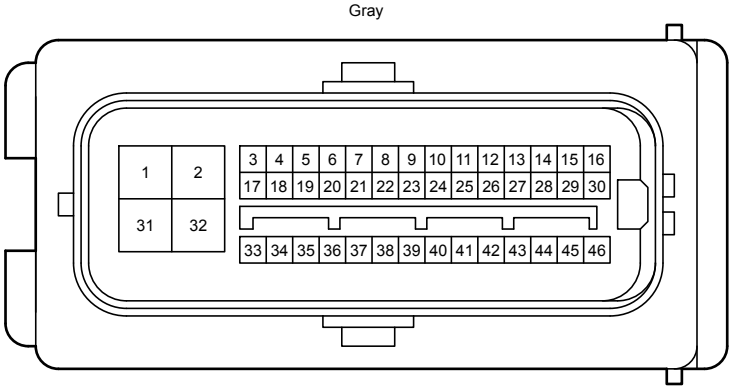
A 14
White



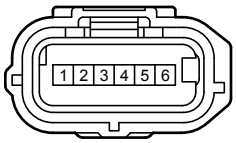
A 19
Black



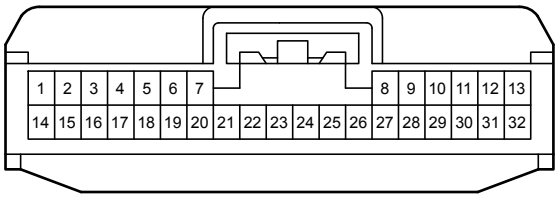
A 21
Gray



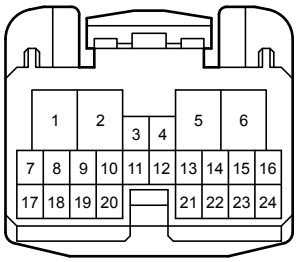
A 36
Black



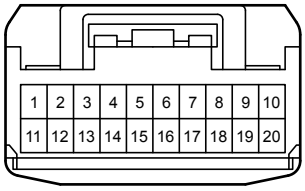
A 37
White



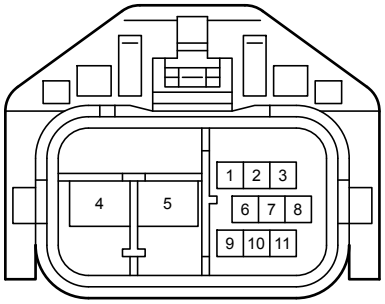
A 39
Black



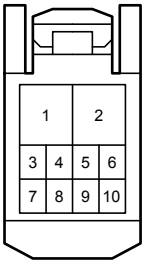
A 41
White



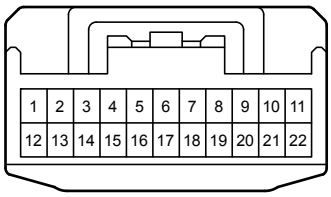
A 44
Black



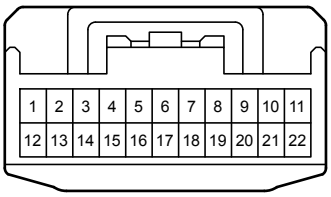
A 50
White



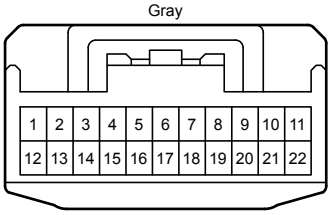
A 61
Black



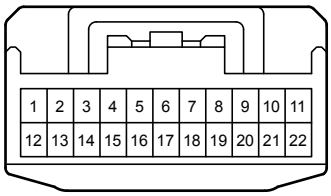
A 62
Blue



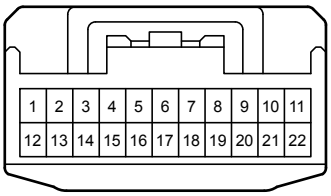
A 65
Gray



A 66
Black

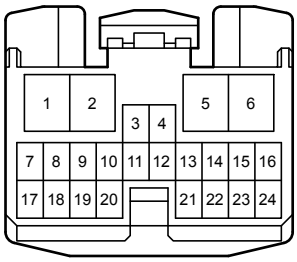


A 67
Black

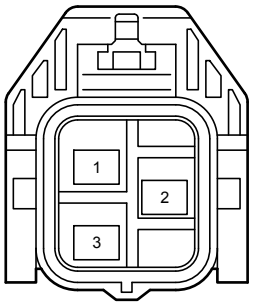


B 5
Black

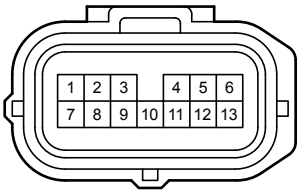
B 14
White



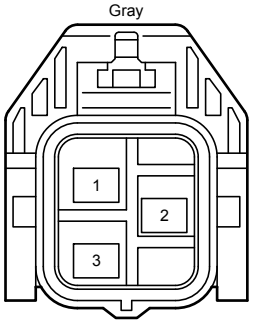
C 1
Black



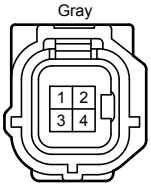
C 2
Black



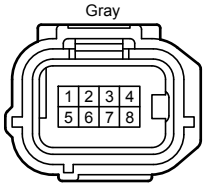
C 3
Gray



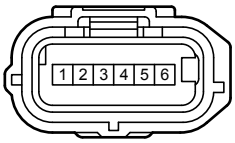
C 4
Gray



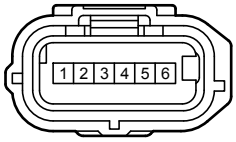
C 5
Gray



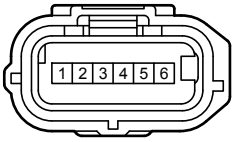
D 1
Black



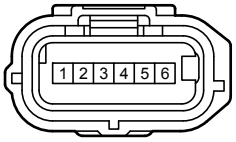
D 2
Black



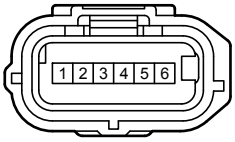
D 3
Black



D 4
Black



D 5
Black



D 6
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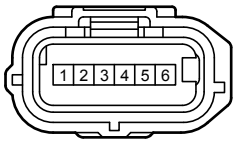
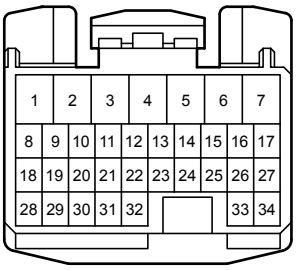
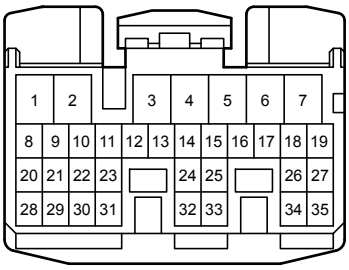


E 1
White



E 2
White



E 3
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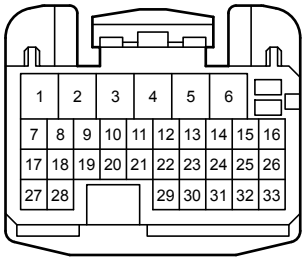
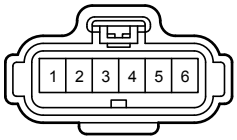
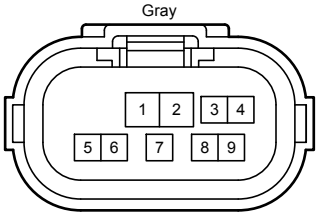


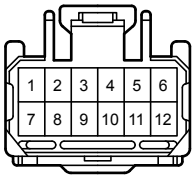
E 21
Black



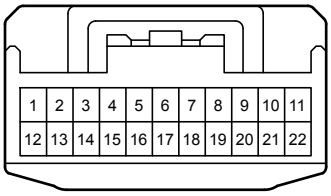
E 49
Gray



E 51
Blue



E 52
Black



E 53
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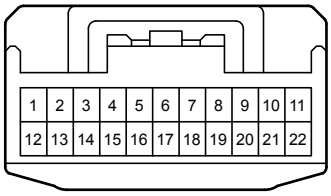

E 54
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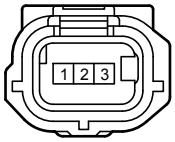
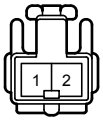
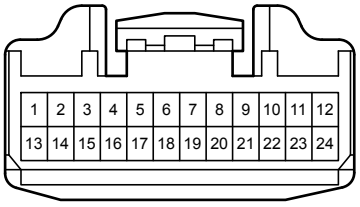


L 2
Blue

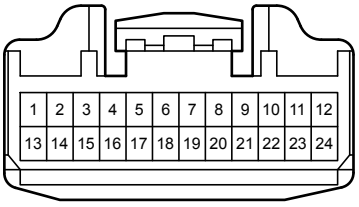


L 10
White



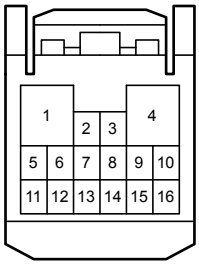
(Before Sep. 2008 Production)

L 10
Black

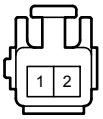


(From Sep. 2008 Production)

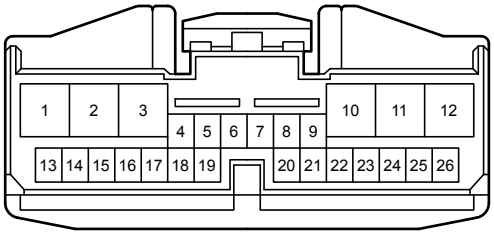
L 11
White



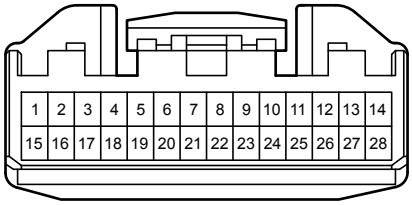
L 48
Black



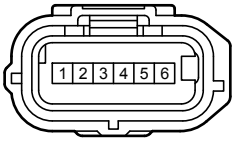
L 59
White



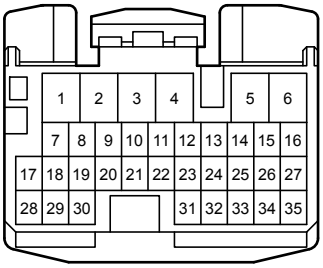
L 60
White



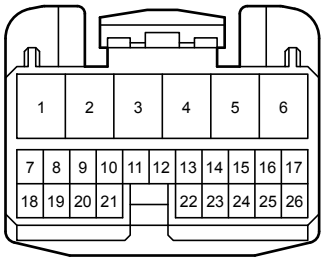
L 71
Black



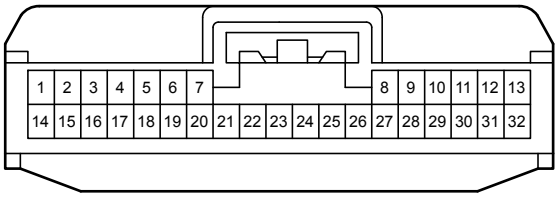
L 77
White



L 88
Black



L 90
White



L 91
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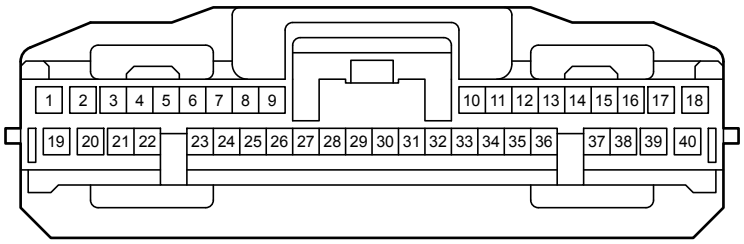
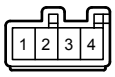
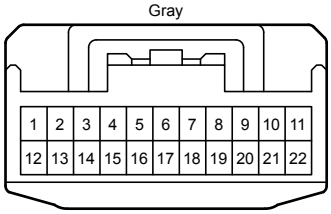


L 94
Black



L 95
Gray



L 97
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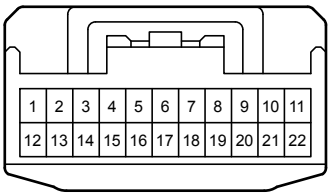
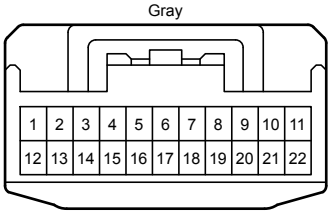


L 98
Gray



L 99
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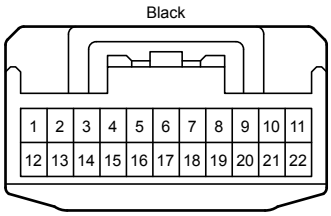
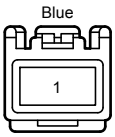
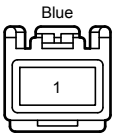


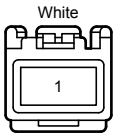
L105
Blue



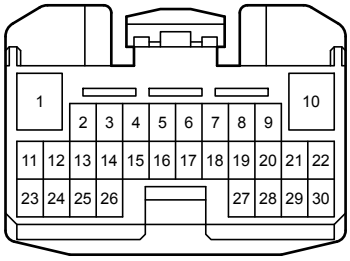
L106
Blue



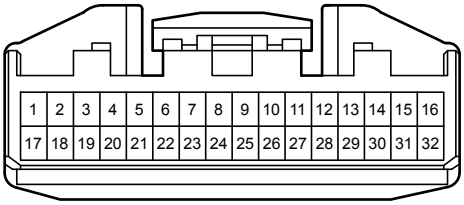
L107
White



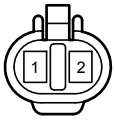
R 1
Black



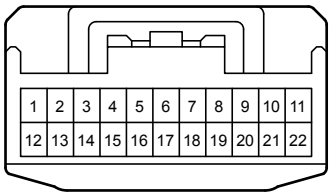
R 19
White



R 21
Black



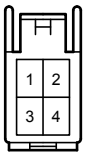
R 48
Black



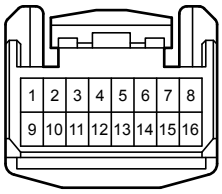
R 59
White

R 65
Dark Gray

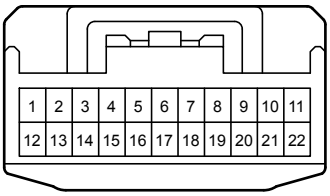
S 35
White



S 48
White



S 58
Black



S 73
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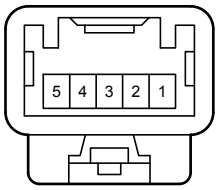
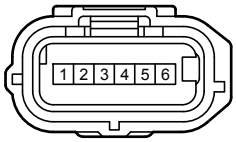
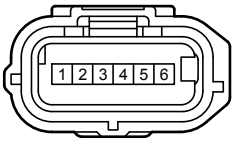


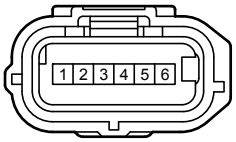
Z 1
Black



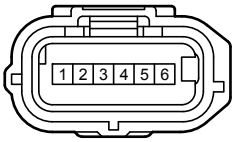
Z 2
Black



Z 3
Black



Z 4
Black



2A
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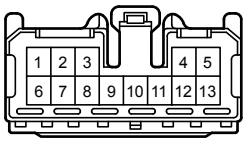
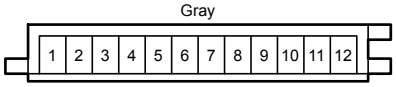
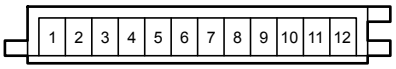


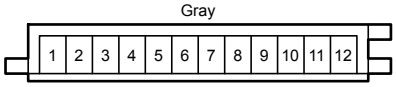
4F
Gray



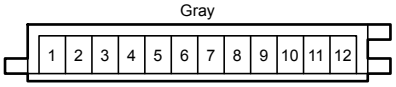
4G
White



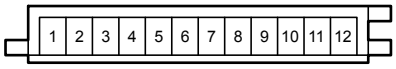
4H
Gray



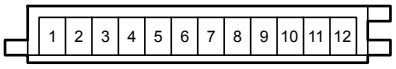
4J
Gray

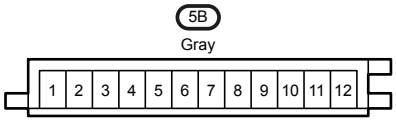


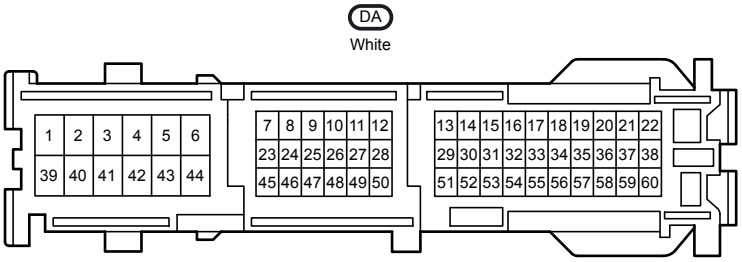
4M
White



5A
White




5B
Gray
1 2 3 4 5 6 7 8 9 10 11 12


DA
White
1 2 3 4 5 6
39 40 41 42 43 44
7 8 9 10 11 12
23 24 25 26 27 28
45 46 47 48 49 50
13 14 15 16 17 18 19 20 21 22
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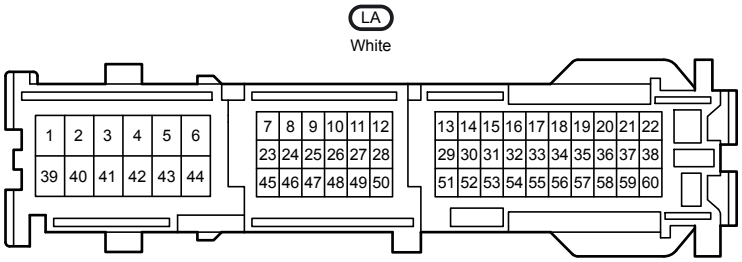
LA
White
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7 8 9 10 11 12
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13 14 15 16 17 18 19 20 21 22
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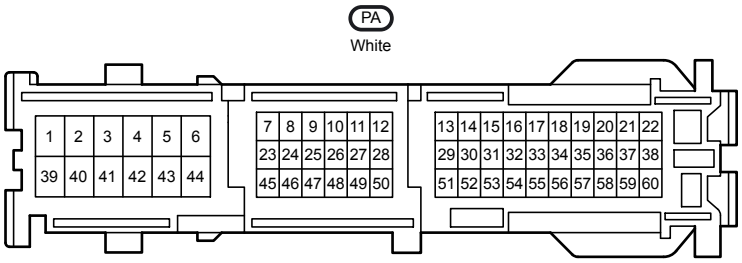
51 52 53 54 55 56 57 58 59 60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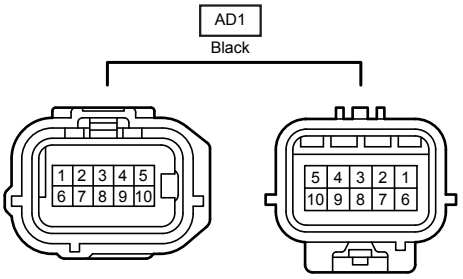
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Black
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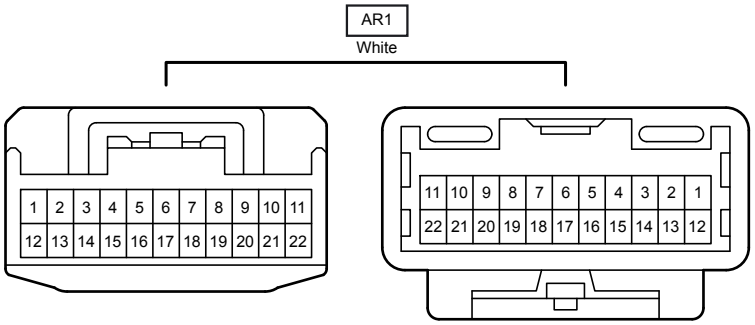
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6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11 10 9 8 7 6 5 4 3 2 1
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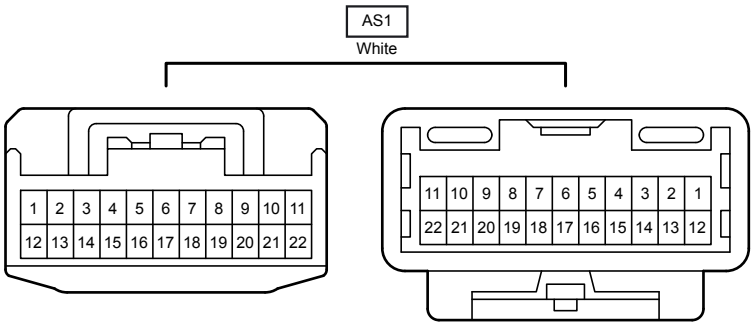
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White
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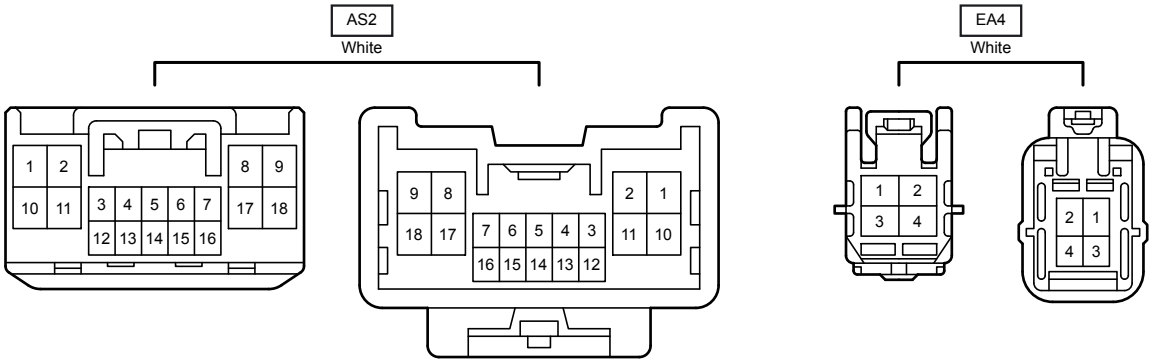
AS2
White
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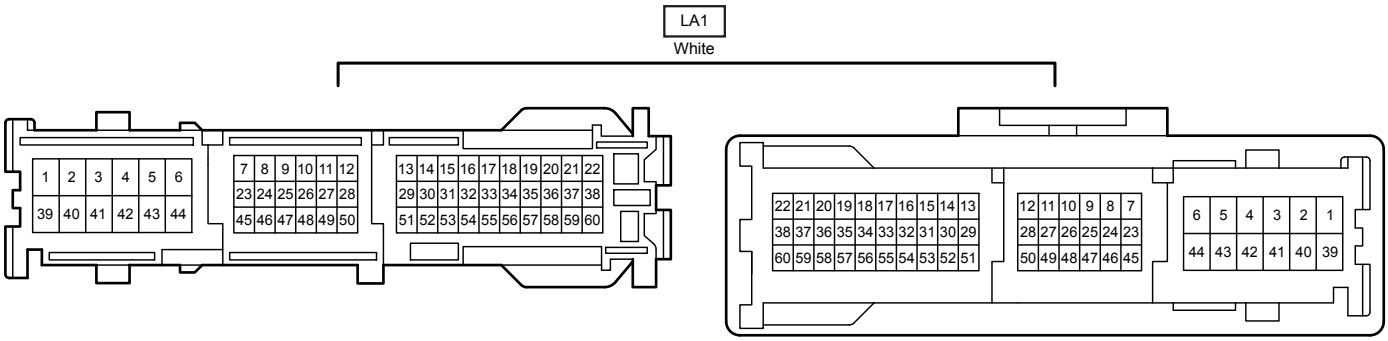
9 8 18 17 7 6 5 4 3 16 15 14 13 12 2 1 11 10
EA4
White
1 2 3 4
2 1 4 3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White
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7 8 9 10 11 12 23 24 25 26 27 28 45 46 47 48 49 50
13 14 15 16 17 18 19 20 21 22 29 30 31 32 33 34 35 36 37 38 51 52 53 54 55 56 57 58 59 60
22 21 20 19 18 17 16 15 14 13 38 37 36 35 34 33 32 31 30 29 60 59 58 57 56 55 54 53 52 51
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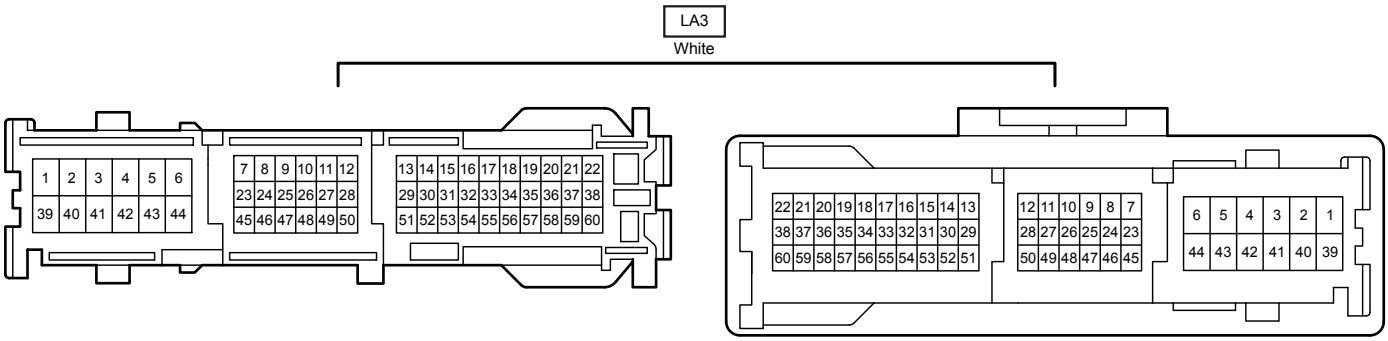
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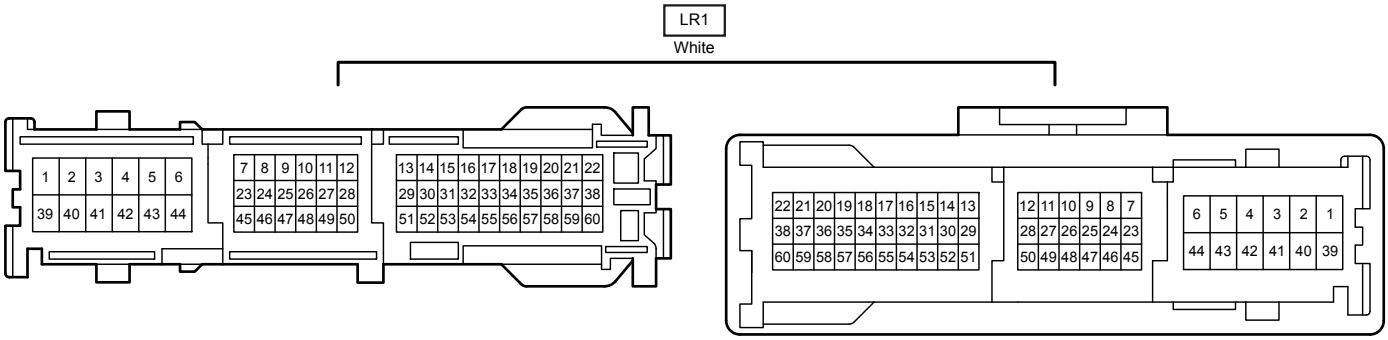
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White
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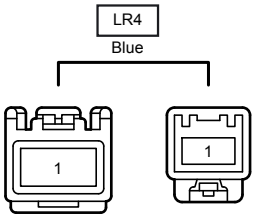
LR4
Blue
1
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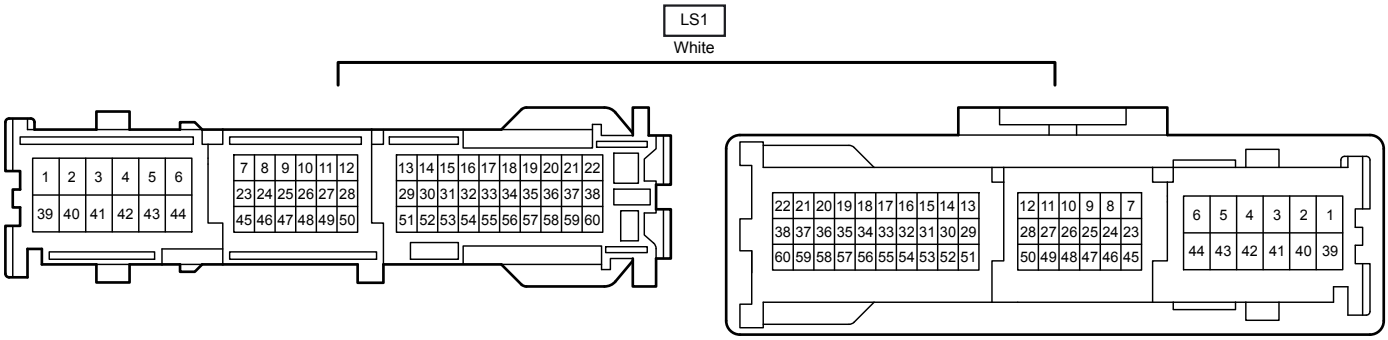
LS1
White
1 2 3 4 5 6
39 40 41 42 43 44
7 8 9 10 11 12
23 24 25 26 27 28
45 46 47 48 49 50
13 14 15 16 17 18 19 20 21 22
29 30 31 32 33 34 35 36 37 38
51 52 53 54 55 56 57 58 59 60
22 21 20 19 18 17 16 15 14 13
38 37 36 35 34 33 32 31 30 29
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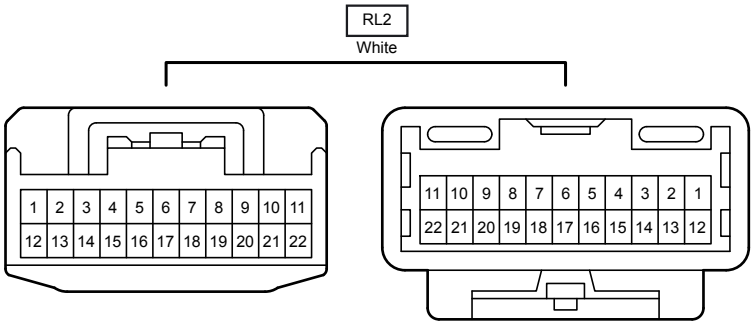
RL2
White
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12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
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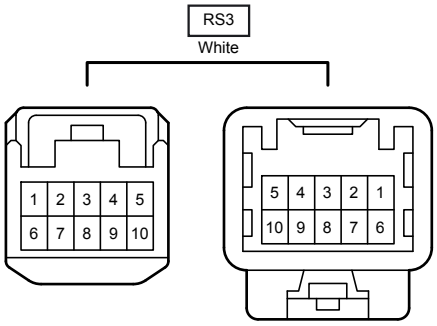
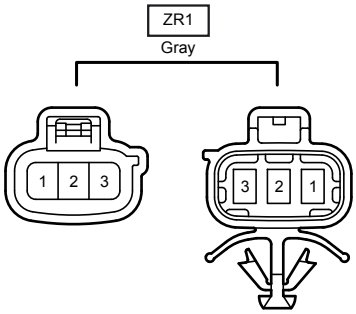

RS3
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6


ZR1
Gray
1 2 3
3 2 1