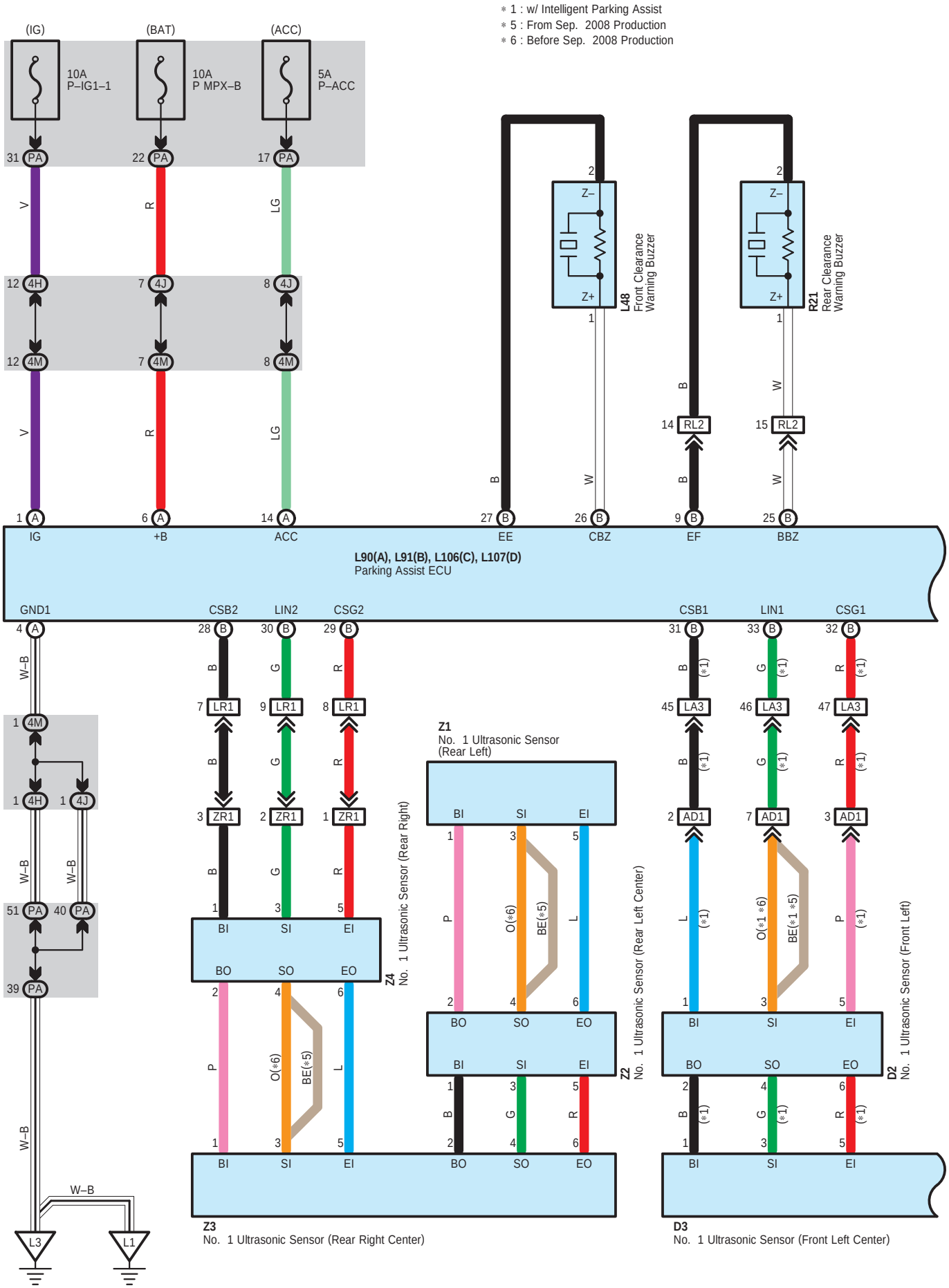
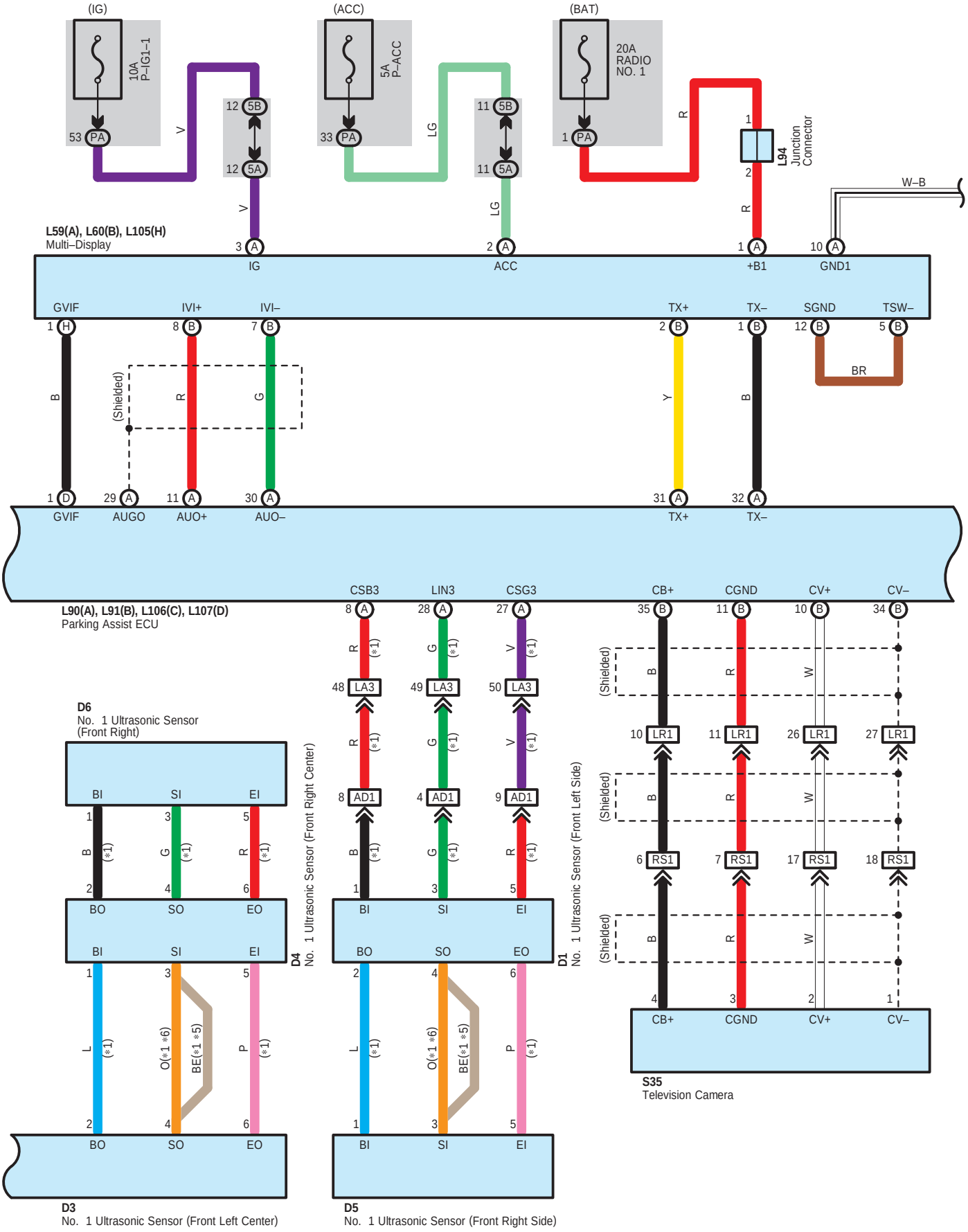
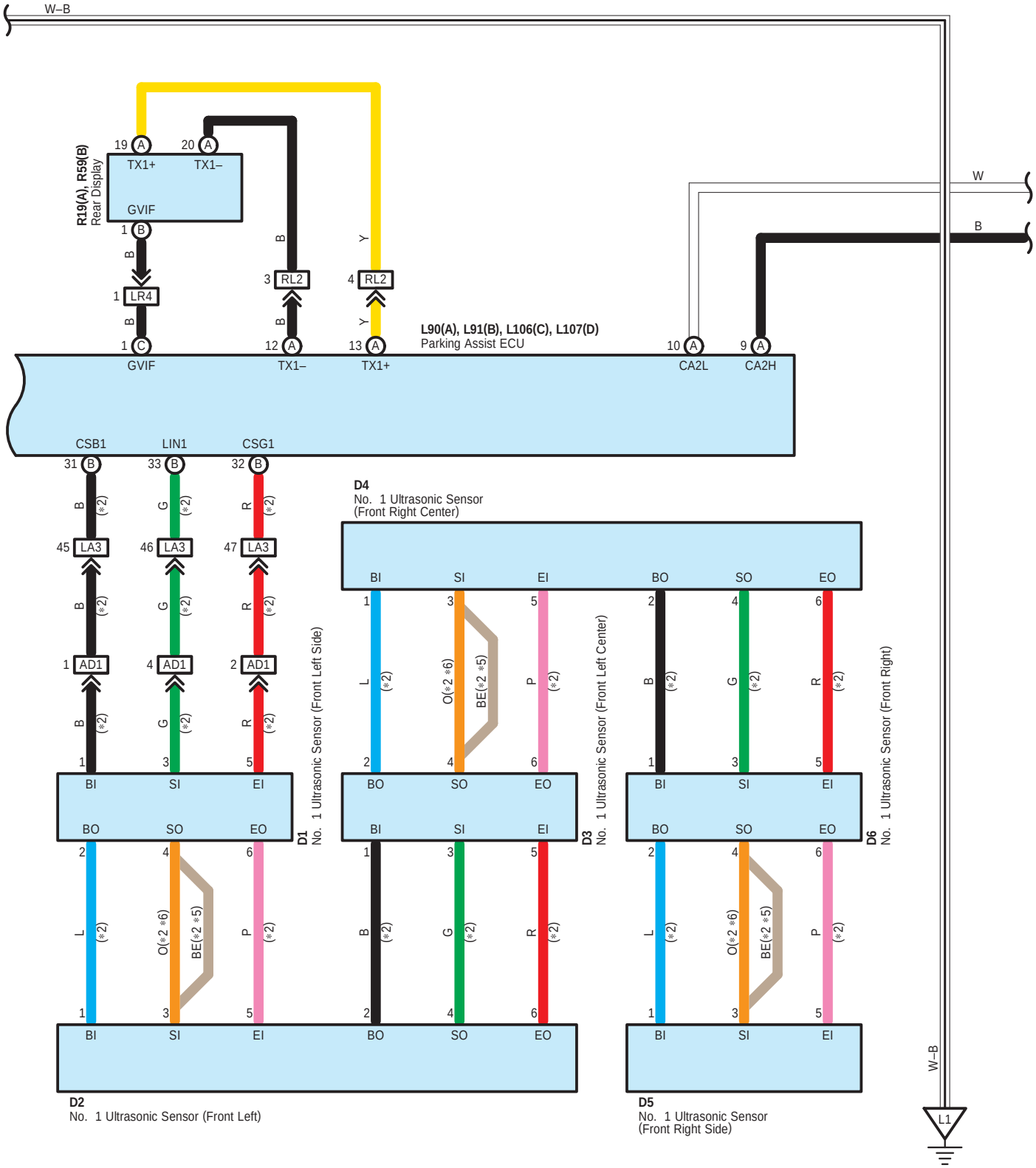
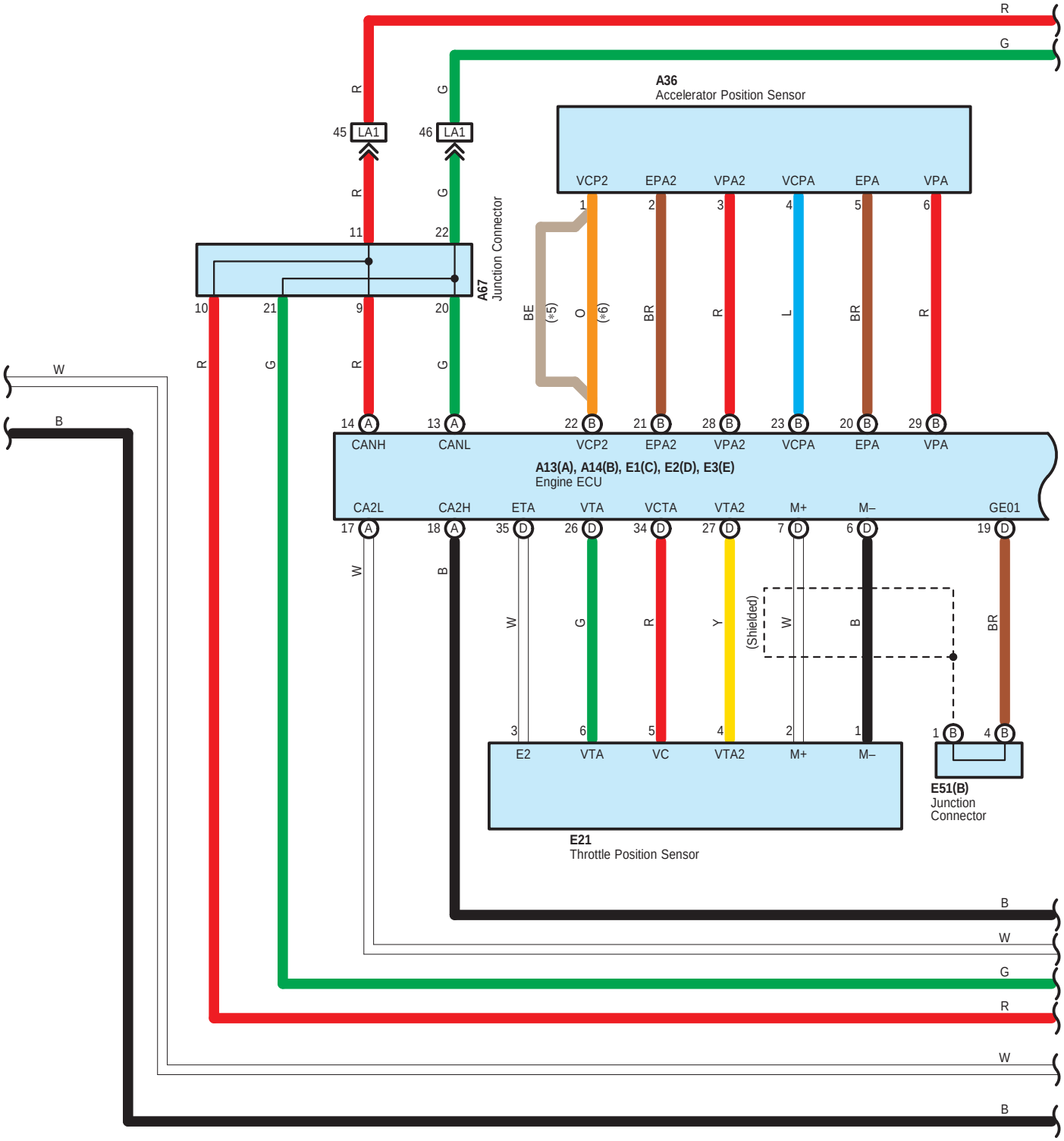
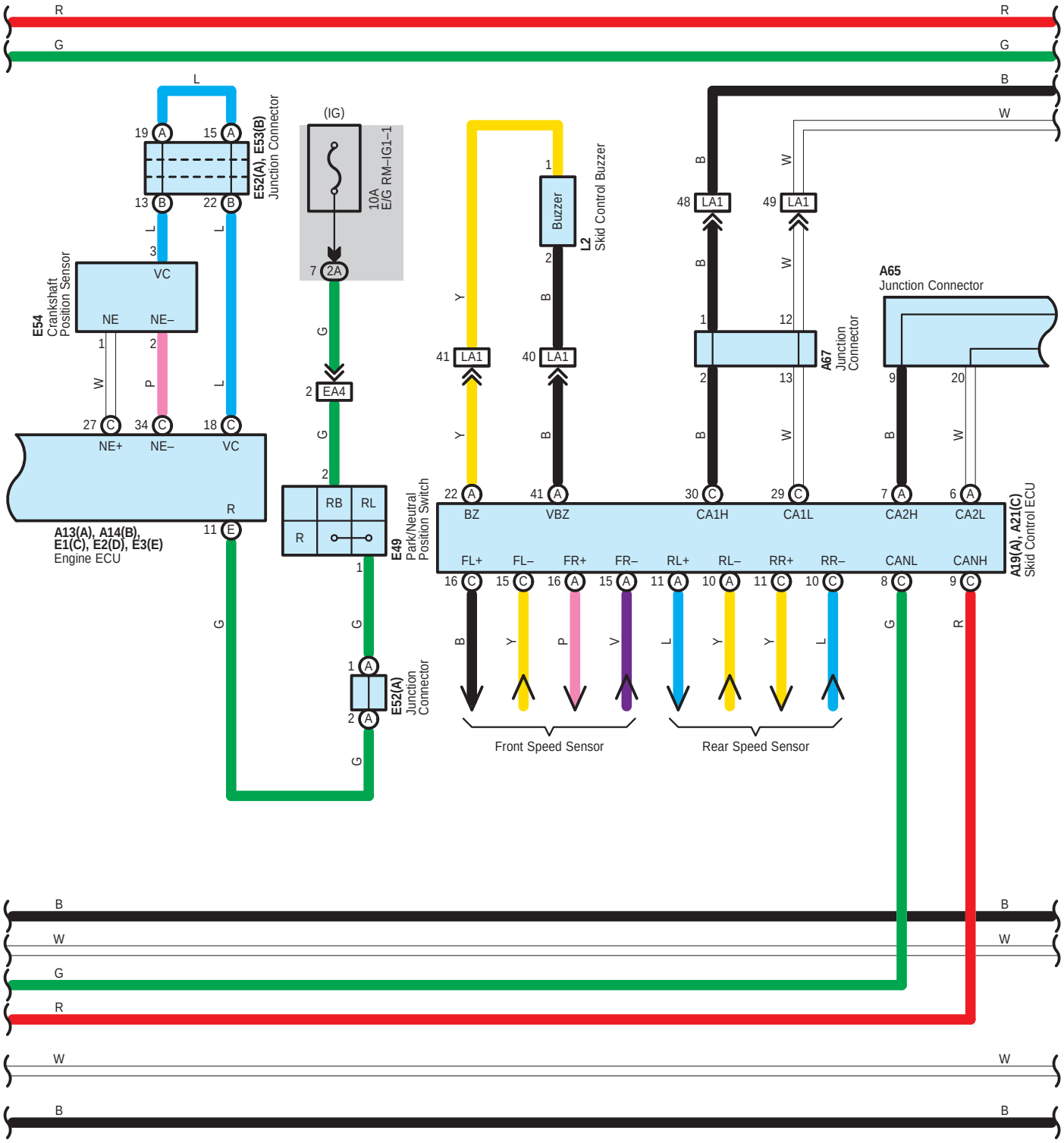

∗ 1 : w/ Intelligent Parking Assist
∗ 5 : From Sep. 2008 Production
∗ 6 : Before Sep. 2008 Production
(IG)
(BAT)
(ACC)
10A P–IG1–1
10A P MPX–B
5A P–ACC
L48 Front Clearance Warning Buzzer
R21 Rear Clearance Warning Buzzer
IG
+B
ACC
EE
CBZ
EF
BBZ
L90(A), L91(B), L106(C), L107(D)
Parking Assist ECU
GND1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

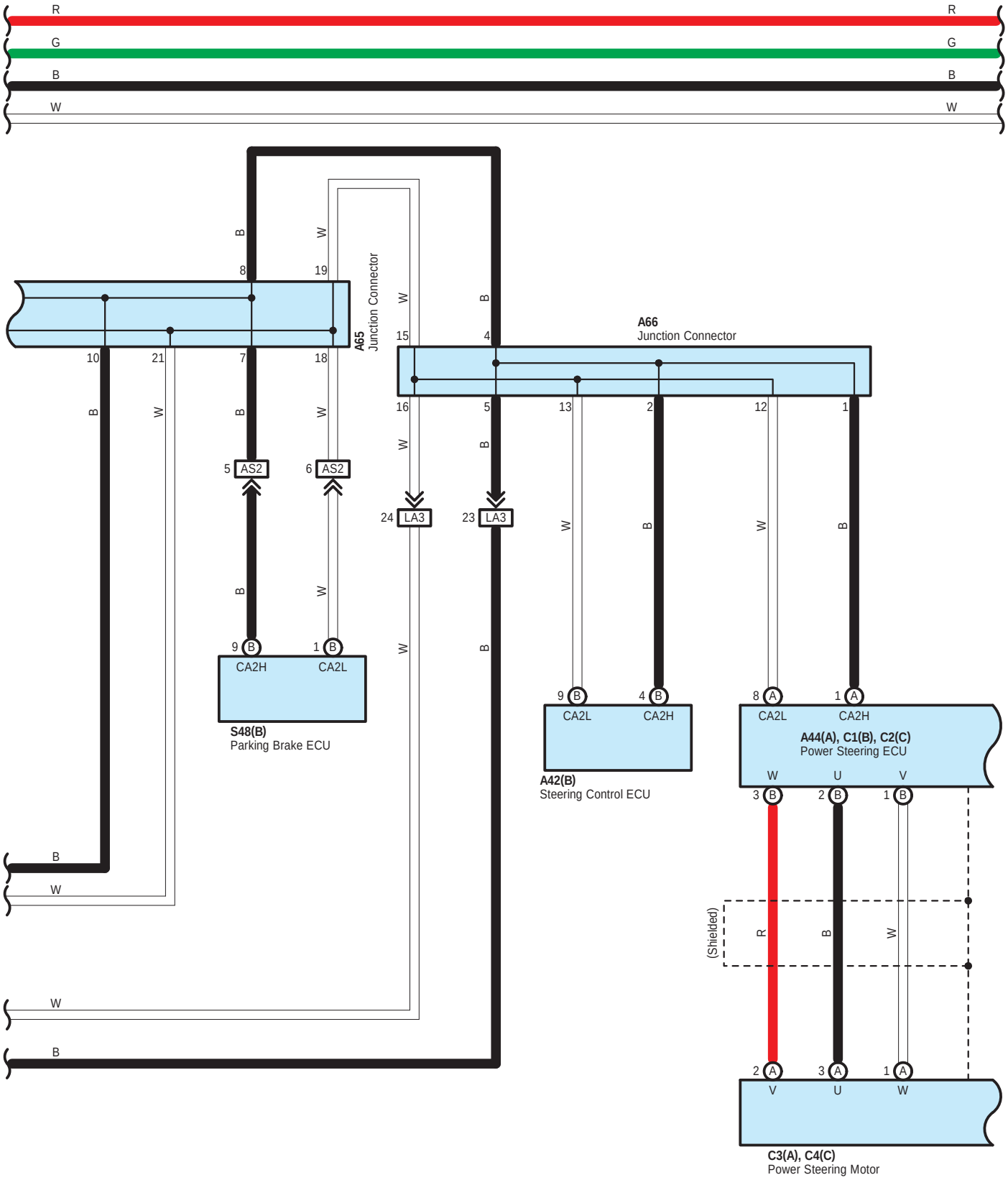

(IG)
10A P–IG1–1
53 PA
12 5B
12 5A
(ACC)
5A P–ACC
33 PA
11 5B
11 5A
(BAT)
20A RADIO NO. 1
1 PA
L94 Junction Connector
W–B
L59(A), L60(B), L105(H)
Multi–Display
3 A IG
2 A ACC
1 A +B1
10 A GND1
GVIF
IVI+
IVI–
TX+
TX–
SGND
TSW–
(Shielded)
BR
1 D GVIF
29 A AUGO
11 A AUO+
30 A AUO–
31 A TX+
32 A TX–
L90(A), L91(B), L106(C), L107(D)
Parking Assist ECU
CSB3
LIN3
CSG3
CB+
CGND
CV+
CV–
48 LA3
49 LA3
50 LA3
8 AD1
4 AD1
9 AD1
10 LR1
11 LR1
26 LR1
27 LR1
6 RS1
7 RS1
17 RS1
18 RS1
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)
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

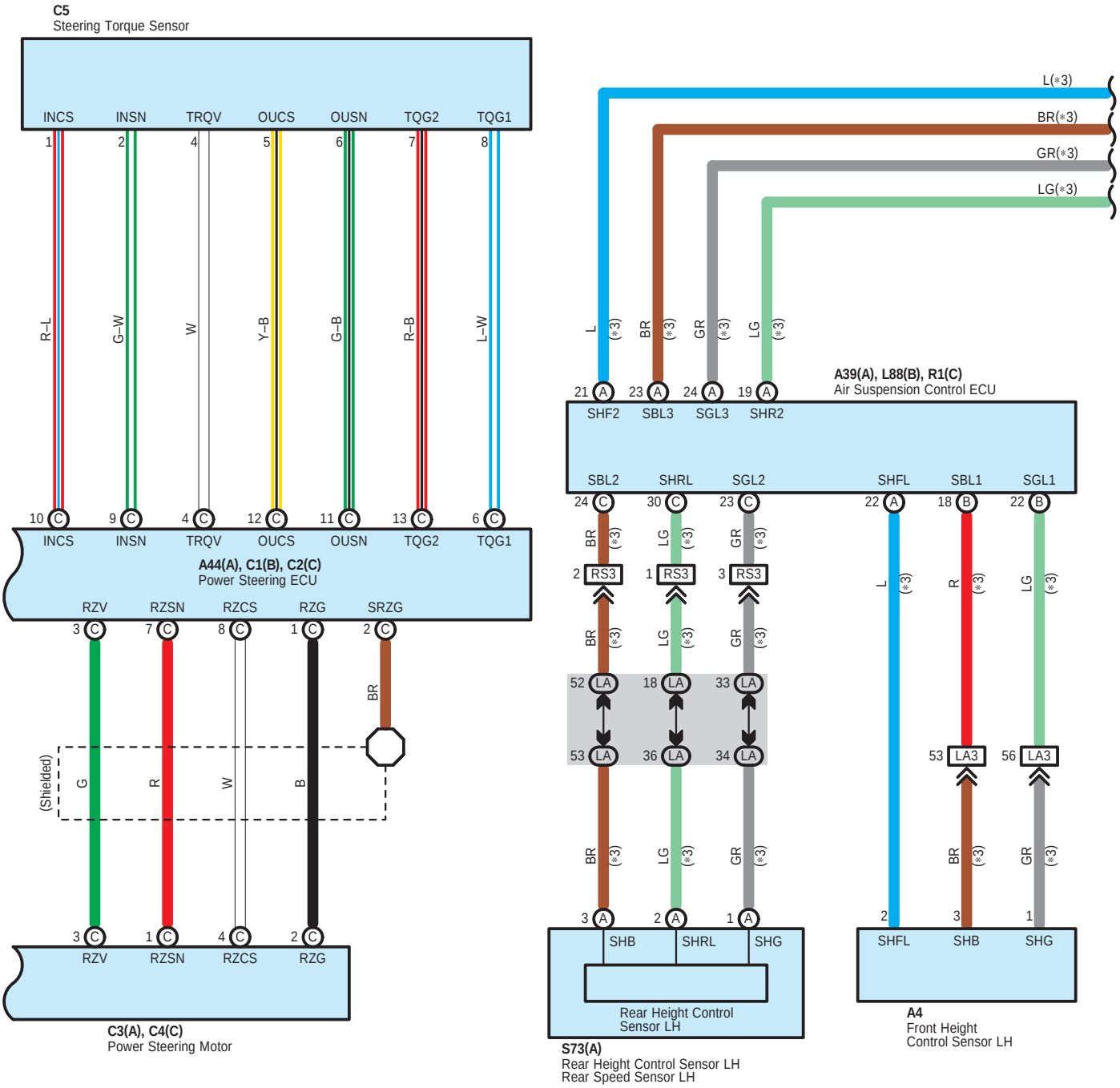


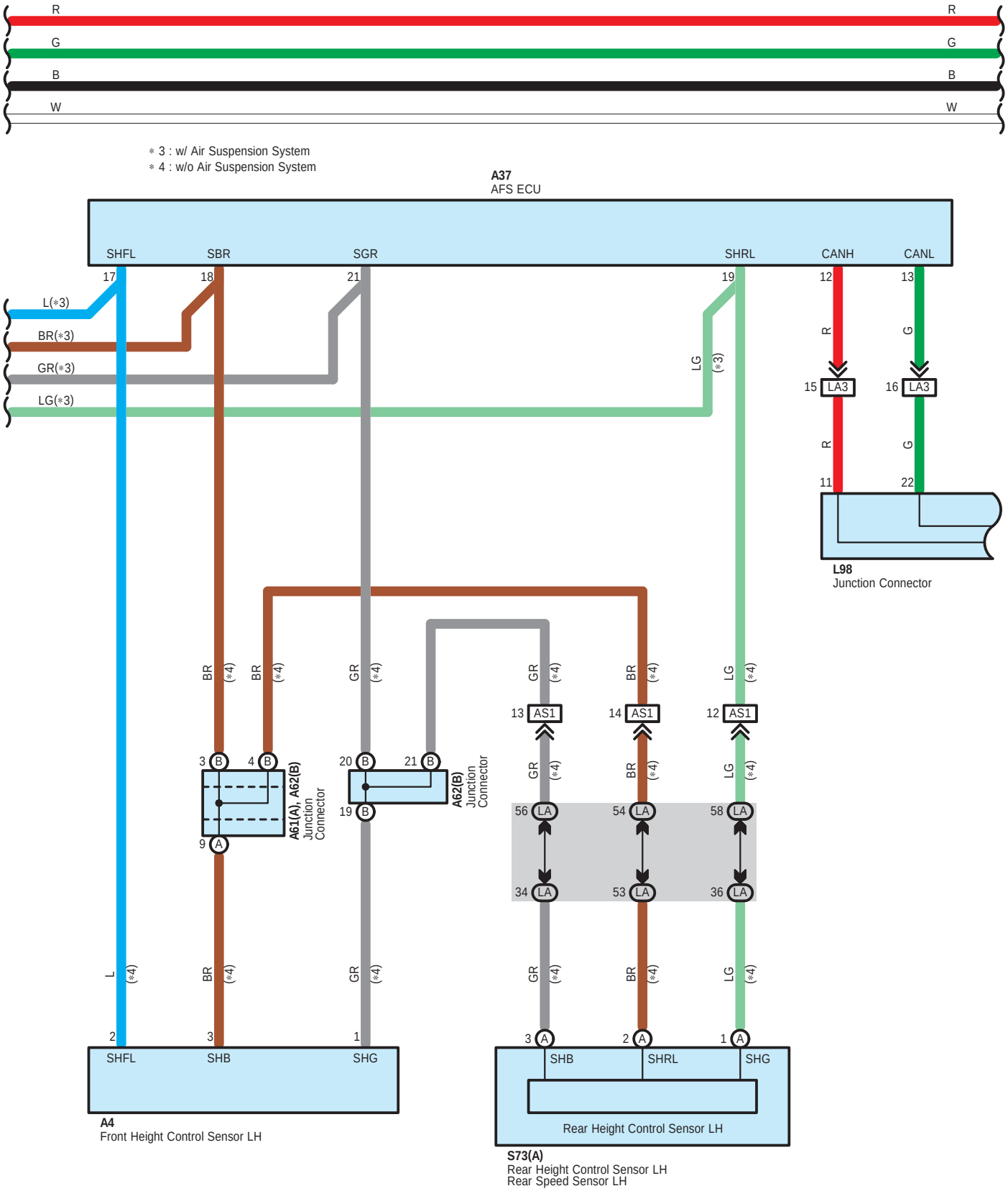

A36
Accelerator Position Sensor
VCP2
EPA2
VPA2
VCPA
EPA
VPA
45 LA1
46 LA1
A67
Junction Connector
(*5)
(*6)
CANH
CANL
A13(A), A14(B), E1(C), E2(D), E3(E)
Engine ECU
CA2L
CA2H
ETA
VTA
VCTA
VTA2
M+
M–
GE01
(Shielded)
E2
VC
E51(B)
Junction Connector
E21
Throttle Position Sensor

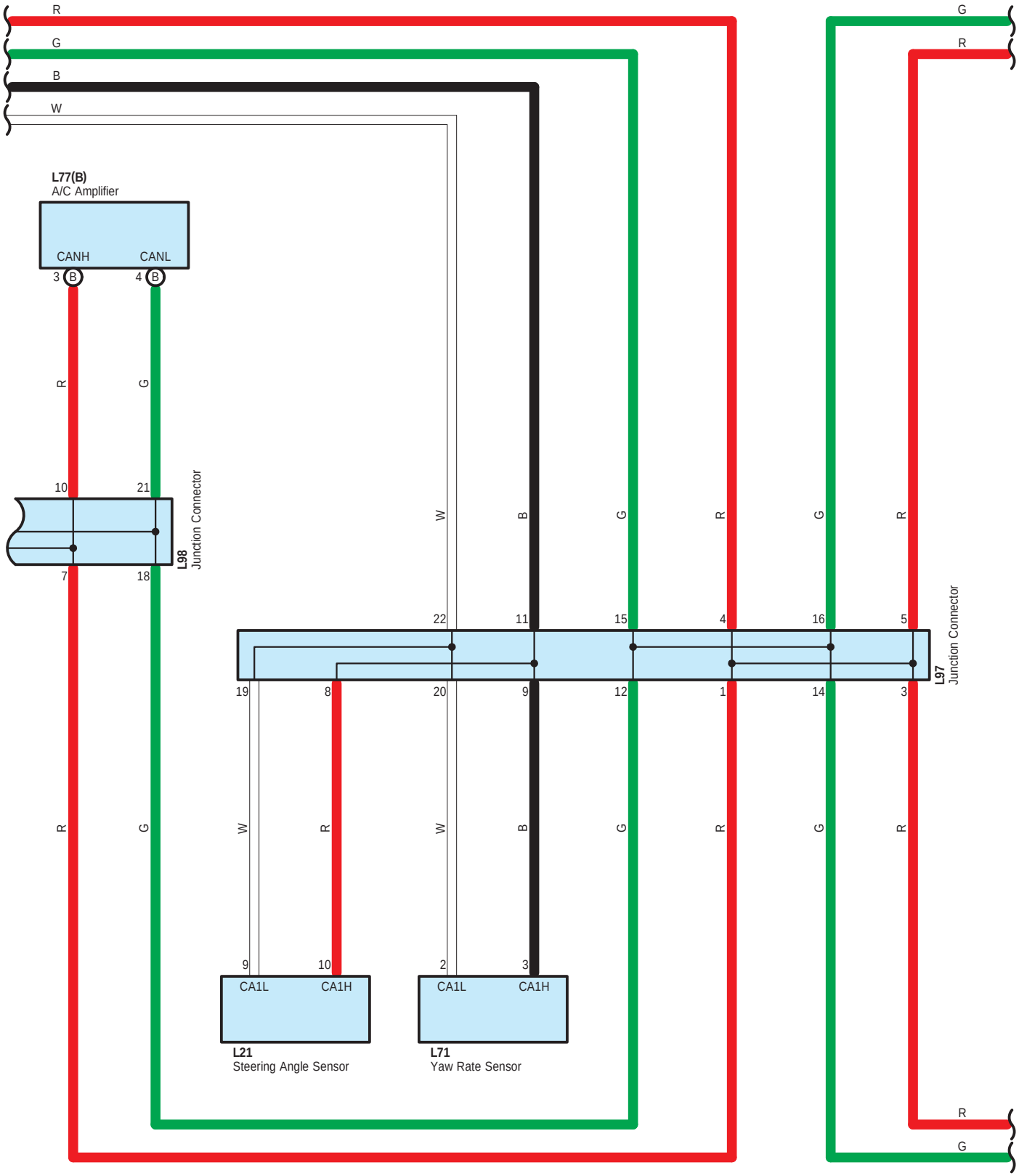

R
G
B
W
L
E52(A), E53(B)
Junction Connector
19 A
15 A
13 B
22 B
(IG)
10A
E/G RM–IG1–1
7 2A
E54
Crankshaft
Position Sensor
VC
NE
NE–
1
2
3
W
P
27 C
34 C
18 C
NE+
NE–
VC
A13(A), A14(B),
E1(C), E2(D), E3(E)
Engine ECU
11 E
2 EA4
RB
RL
R
E49
Park/Neutral
Position Switch
E52(A)
Junction
Connector
Buzzer
L2
Skid Control Buzzer
Y
41 LA1
40 LA1
48 LA1
49 LA1
A67
Junction
Connector
A65
Junction Connector
22 A
41 A
30 C
29 C
7 A
6 A
BZ
VBZ
CA1H
CA1L
CA2H
CA2L
A19(A), A21(C)
Skid Control ECU
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
CANL
CANH
16 C
15 C
16 A
15 A
11 A
10 A
11 C
10 C
8 C
9 C
Front Speed Sensor
Rear Speed Sensor

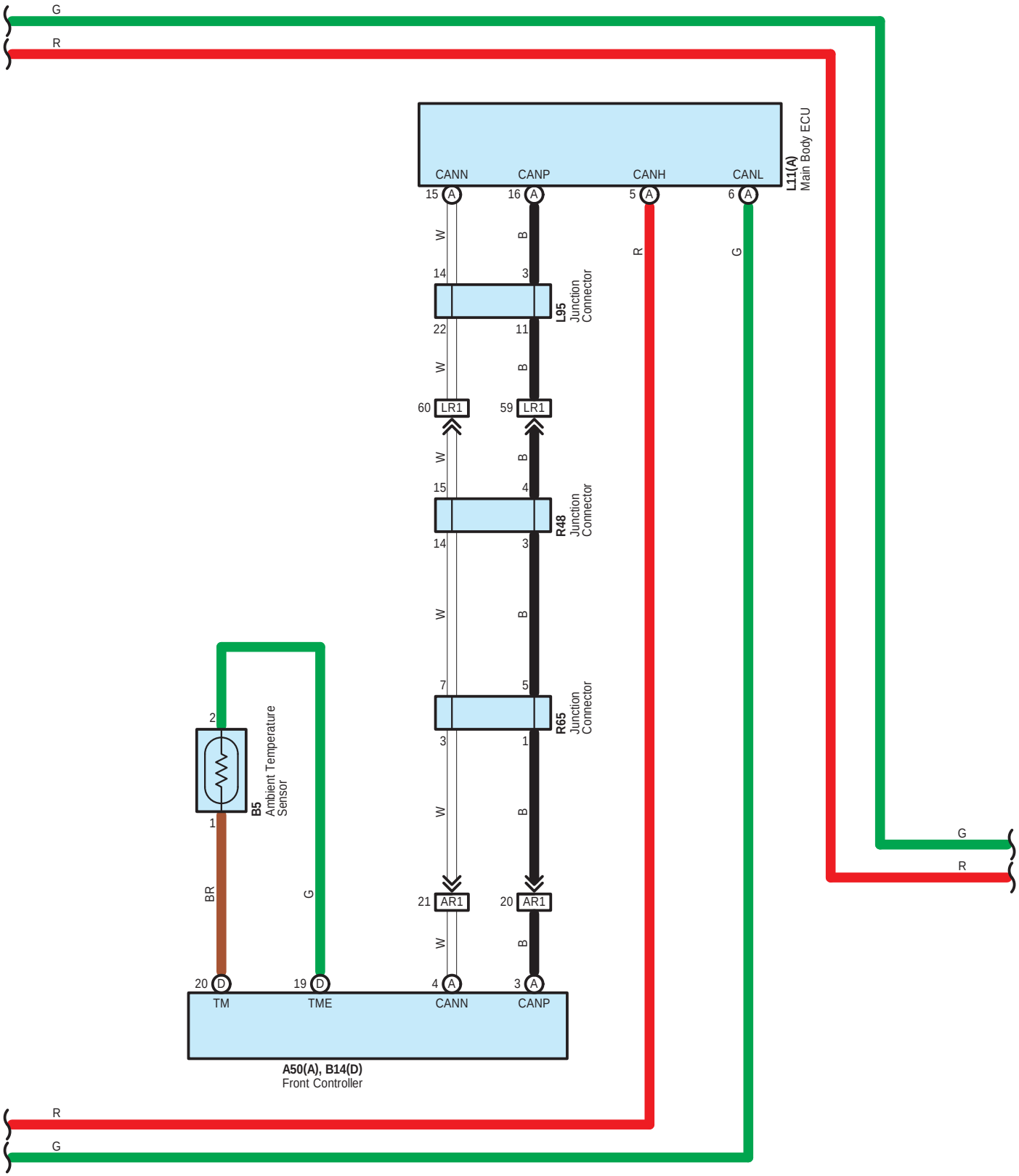

R
G
B
W
A65
Junction Connector
A66
Junction Connector
AS2
LA3
S48(B)
Parking Brake ECU
CA2H
CA2L
A42(B)
Steering Control ECU
A44(A), C1(B), C2(C)
Power Steering ECU
(Shielded)
C3(A), C4(C)
Power Steering Motor

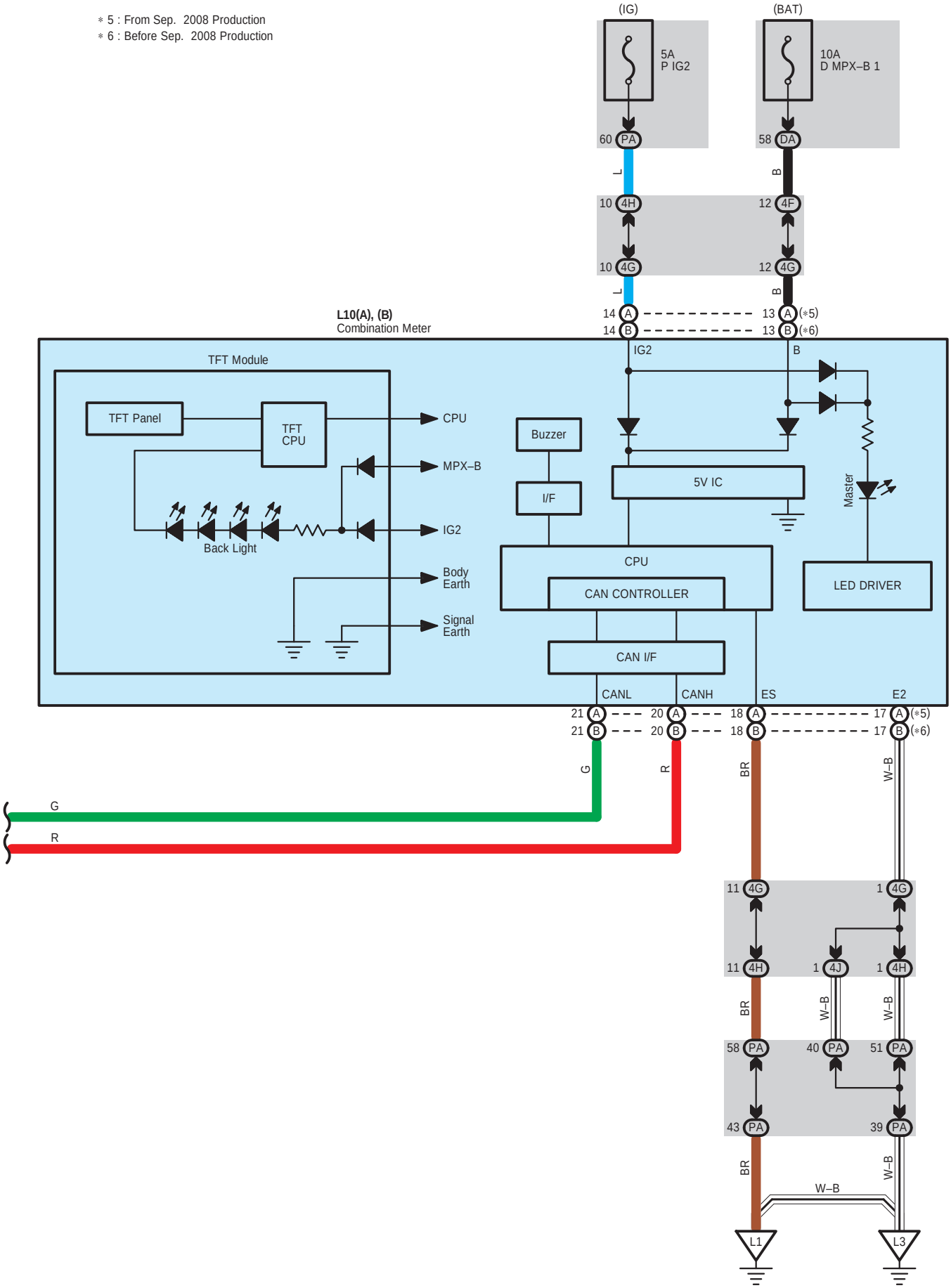
R
G
B
W
R
G
B
W


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)
BR
C3(A), 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
SHRL
SHG
Rear Height Control
Sensor LH
S73(A)
Rear Height Control Sensor LH
Rear Speed Sensor LH
A4
Front Height
Control Sensor LH

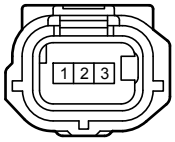

R
G
B
W
∗ 3 : w/ Air Suspension System
∗ 4 : w/o Air Suspension System
A37
AFS ECU
SHFL
SBR
SGR
SHRL
CANH
CANL
L(∗3)
BR(∗3)
GR(∗3)
LG(∗3)
LA3
L98
Junction Connector
AS1
A61(A), A62(B)
Junction Connector
A62(B)
Junction Connector
LA
A4
Front Height Control Sensor LH
SHB
SHG
Rear Height Control Sensor LH
S73(A)
Rear Height Control Sensor LH
Rear Speed Sensor LH


R
G
B
W
L77(B)
A/C Amplifier
CANH
CANL
3 B
4 B
R
G
10
21
7
18
L98
Junction Connector
W
B
G
R
G
R
22
11
15
4
16
5
19
8
20
9
12
1
14
3
L97
Junction Connector
R
G
W
R
W
B
G
R
G
R
9
10
2
3
CA1L
CA1H
CA1L
CA1H
L21
Steering Angle Sensor
L71
Yaw Rate Sensor
G
R
R
G

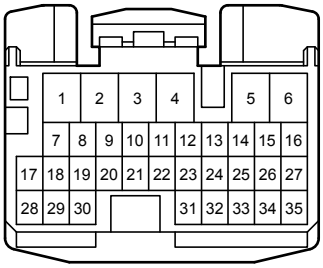

G
R
CANN
CANP
CANH
CANL
L11(A)
Main Body ECU
15 A
16 A
5 A
6 A
W
B
R
G
14
3
L95
Junction
Connector
22
11
60 LR1
59 LR1
15
4
R48
Junction
Connector
14
3
7
5
R65
Junction
Connector
3
1
2
B5
Ambient Temperature
Sensor
1
BR
G
21 AR1
20 AR1
20 D
19 D
4 A
3 A
TM
TME
CANN
CANP
A50(A), B14(D)
Front Controller


∗ 5 : From Sep. 2008 Production
∗ 6 : Before Sep. 2008 Production
(IG)
(BAT)
5A
P IG2
10A
D MPX–B 1
60 PA
58 DA
L
B
10 4H
12 4F
10 4G
12 4G
L
B
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
G
R
11 4G
1 4G
11 4H
1 4J
1 4H
BR
W–B
W–B
58 PA
40 PA
51 PA
43 PA
39 PA
BR
W–B
W–B
L1
L3

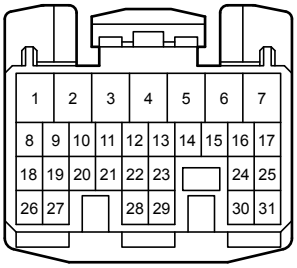
A 4
Black



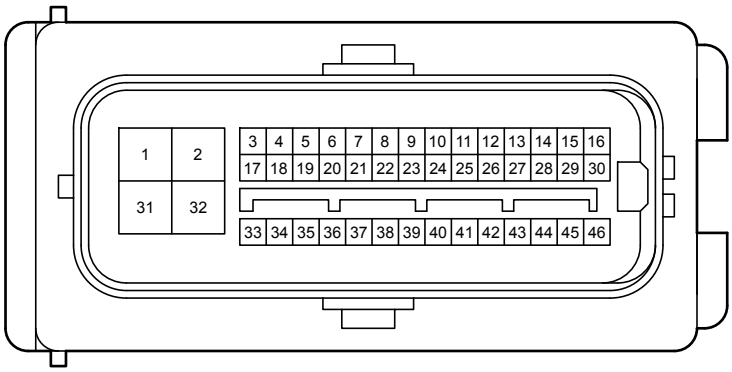
A 13
White



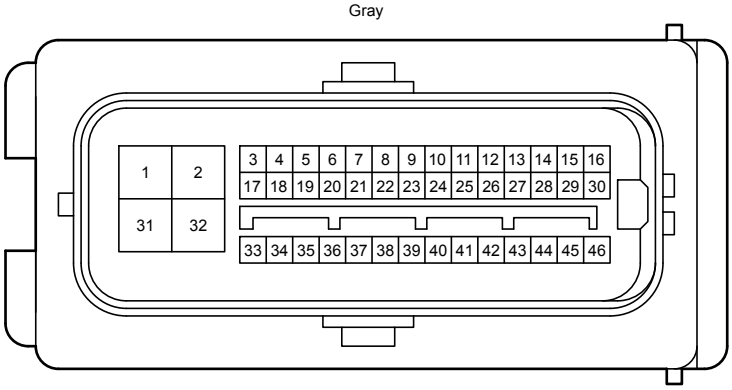
A 14
White



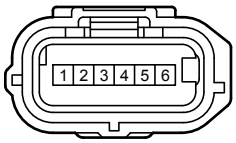
A 19
Black



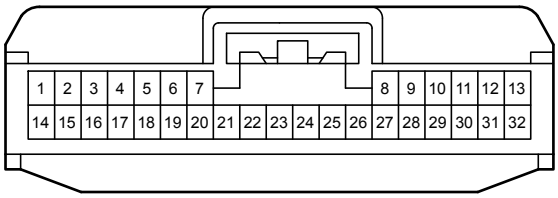
A 21
Gray



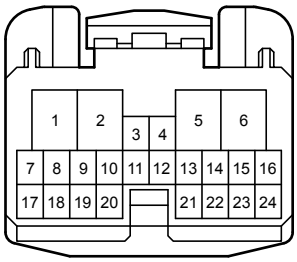
A 36
Black



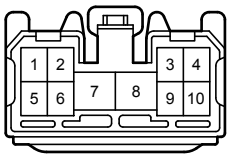
A 37
White



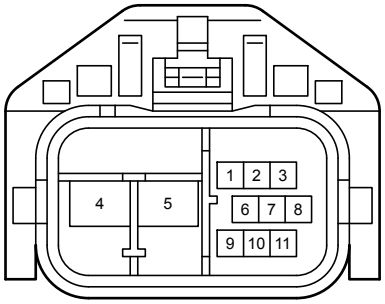
A 39
Black



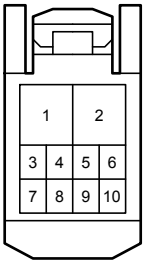
A 42
White



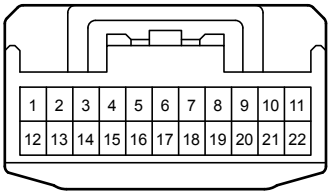
A 44
Black



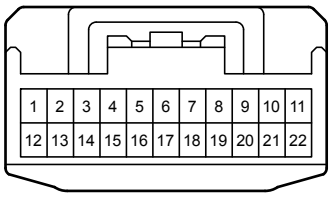
A 50
White



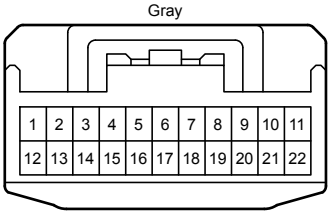
A 61
Black



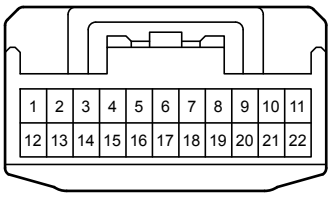
A 62
Blue



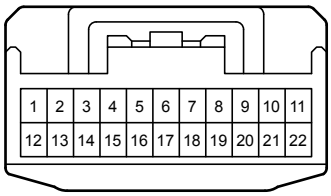
A 65
Gray



A 66
Black

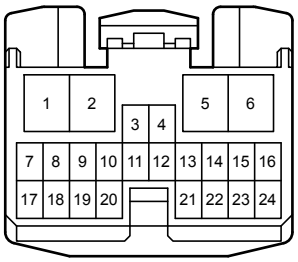


A 67
Black

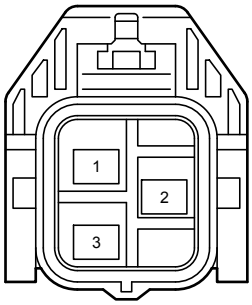


B 5
Black

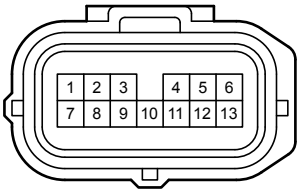
B 14
White



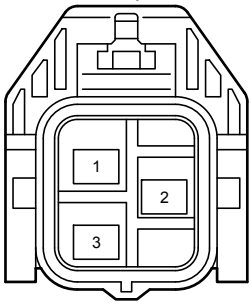
C 1
Black



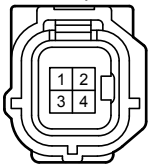
C 2
Black



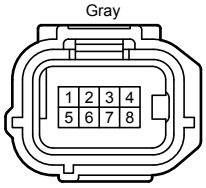
C 3
Gray



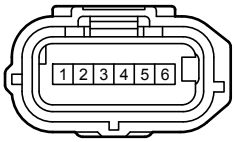
C 4
Gray



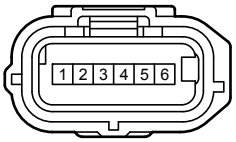
C 5
Gray



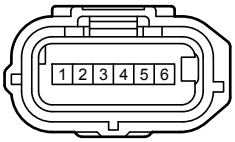
D 1
Black



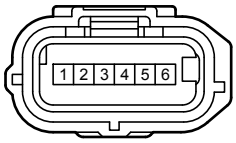
D 2
Black



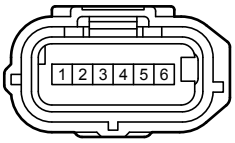
D 3
Black



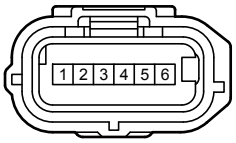
D 4
Black



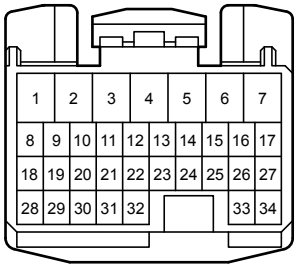
D 5
Black



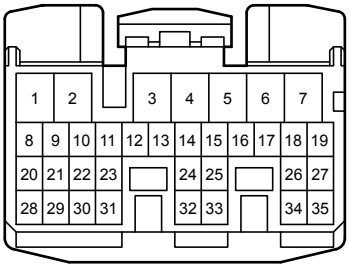
D 6
Black



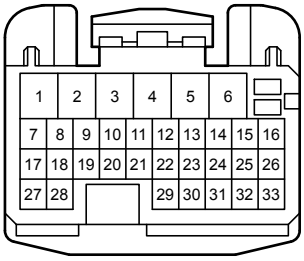
E 1
White



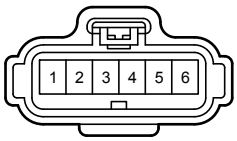
E 2
White



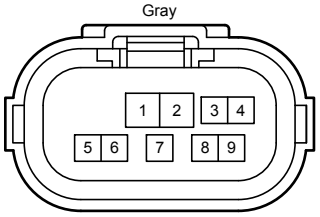
E 3
White



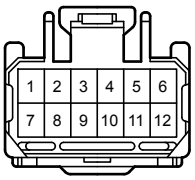
E 21
Black



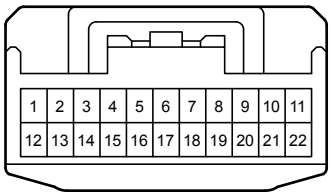
E 49
Gray



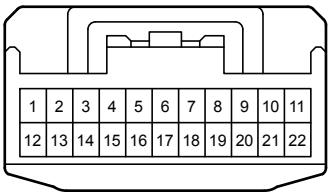
E 51
Blue



E 52
Black



E 53
Black



E 54
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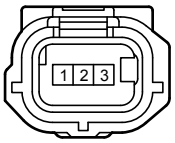
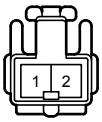
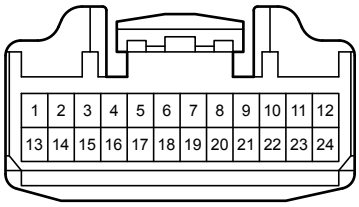


L 2
Blue

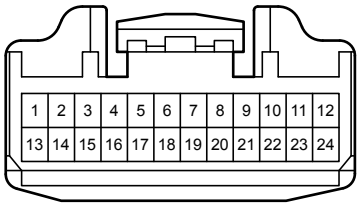


L 10
White



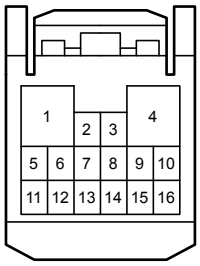
(Before Sep. 2008 Production)

L 10
Black

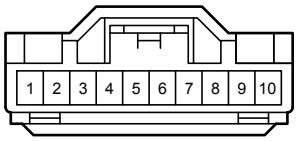


(From Sep. 2008 Production)

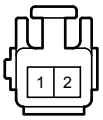
L 11
White



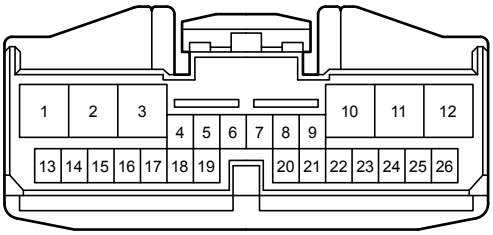
L 21
White



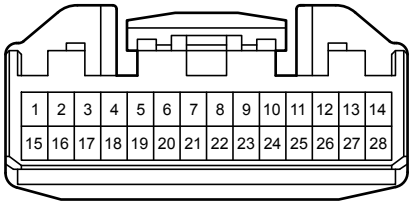
L 48
Black



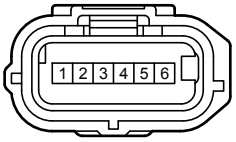
L 59
White



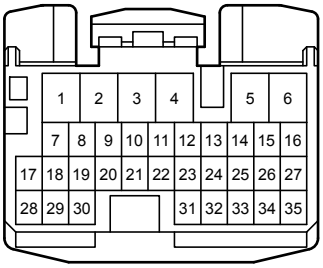
L 60
White



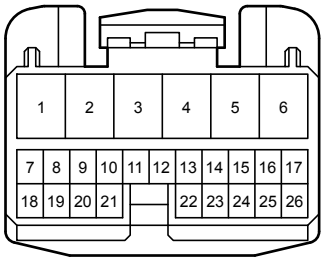
L 71
Black



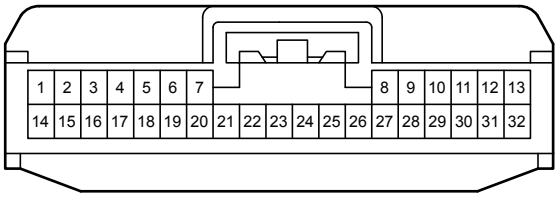
L 77
White



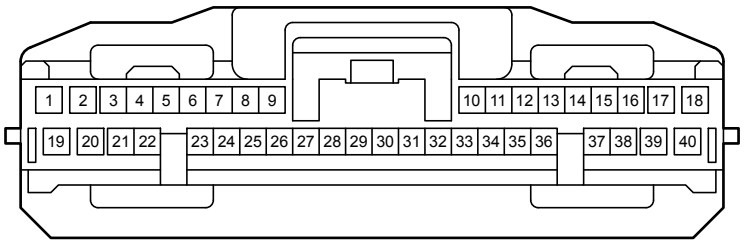
L 88
Black



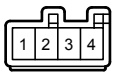
L 90
White



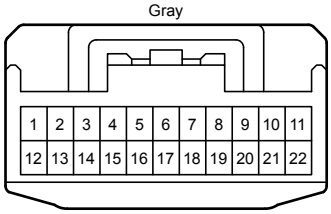
L 91
White



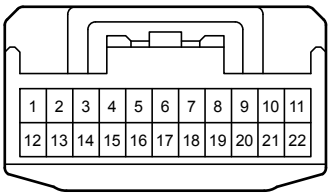
L 94
Black



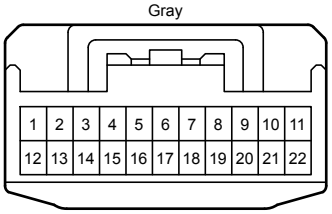
L 95
Gray



L 97
Black



L 98
Gray

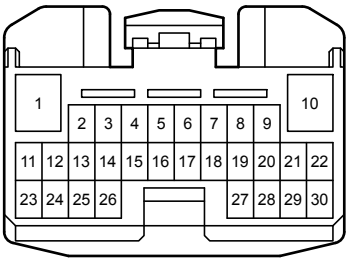


L105
Blue

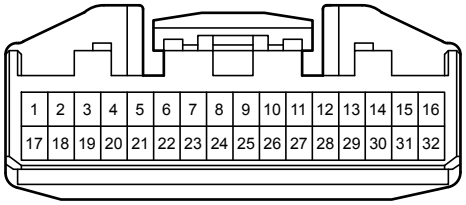
L106
Blue

L107
White

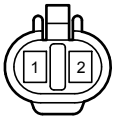
R 1
Black



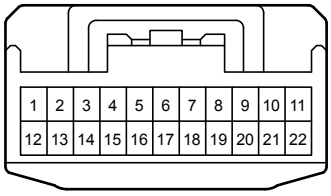
R 19
White



R 21
Black



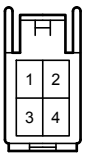
R 48
Black



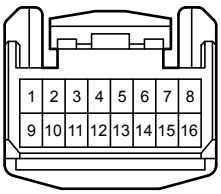
R 59
White

R 65
Dark Gray

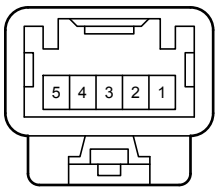
S 35
White



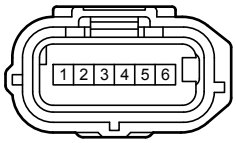
S 48
White



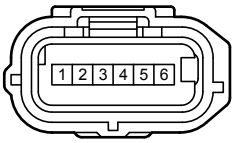
S 73
White



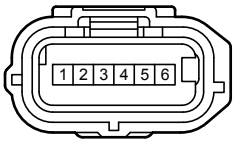
Z 1
Black



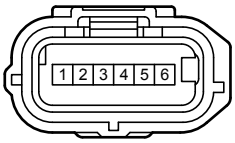
Z 2
Black



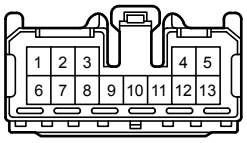
Z 3
Black



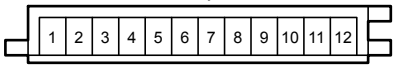
Z 4
Black



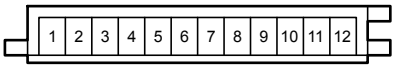
2A
Black



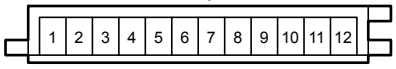
4F
Gray



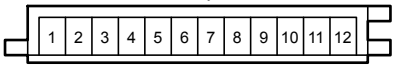
4G
White



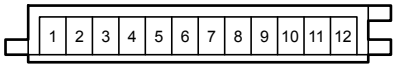
4H
Gray



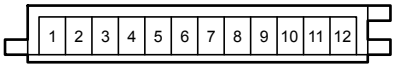
4J
Gray



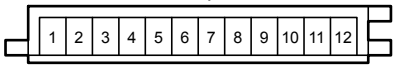
4M
White



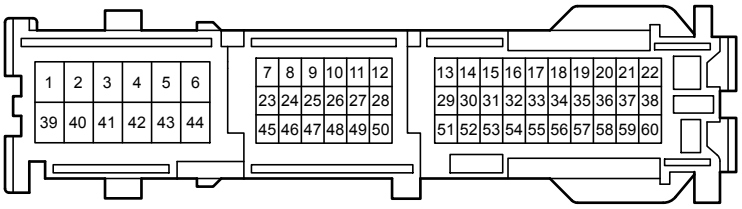
5A
White



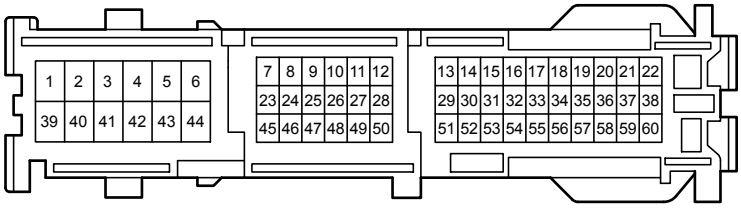
5B
Gray



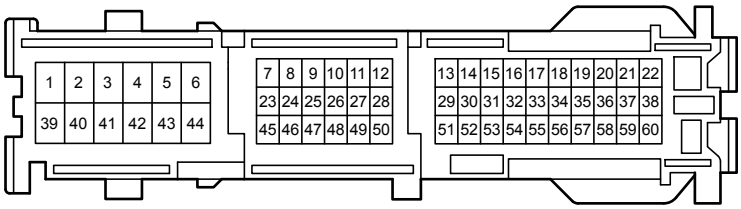
DA
White



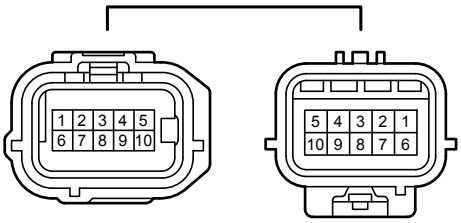
LA
White



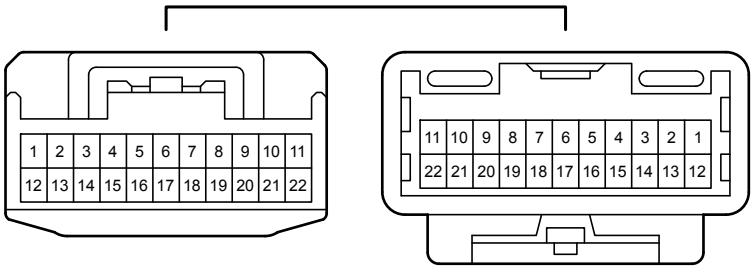
PA
White



AD1
Black



AR1
White



AS1
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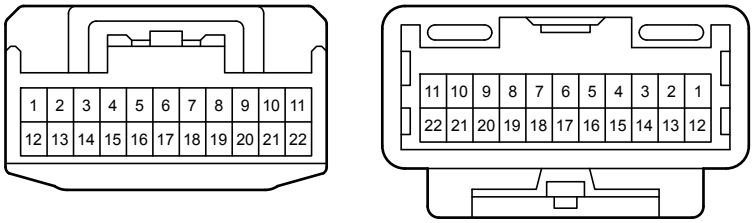

AS2
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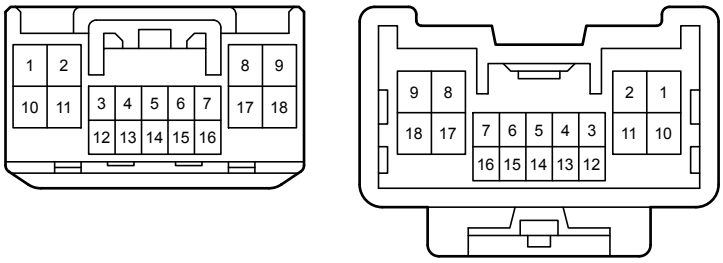

EA4
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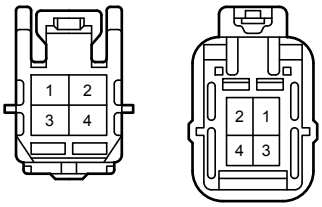

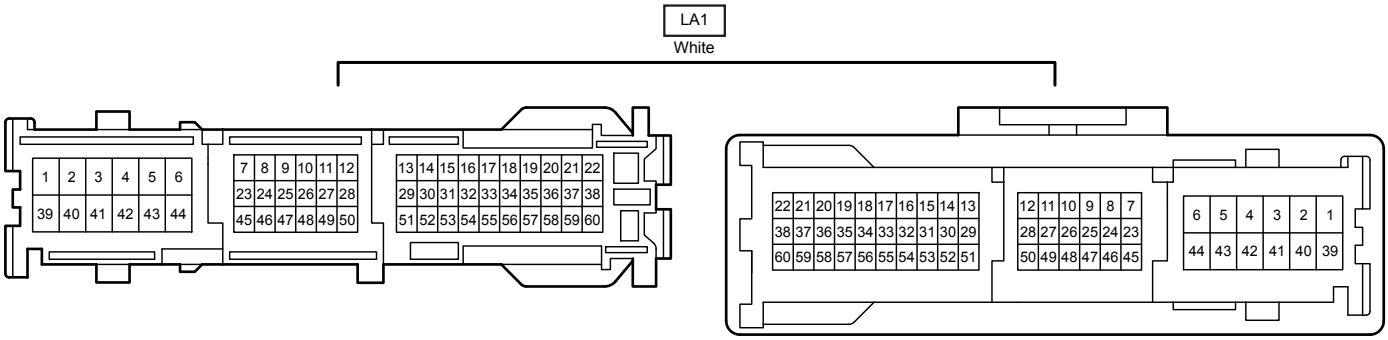
LA1
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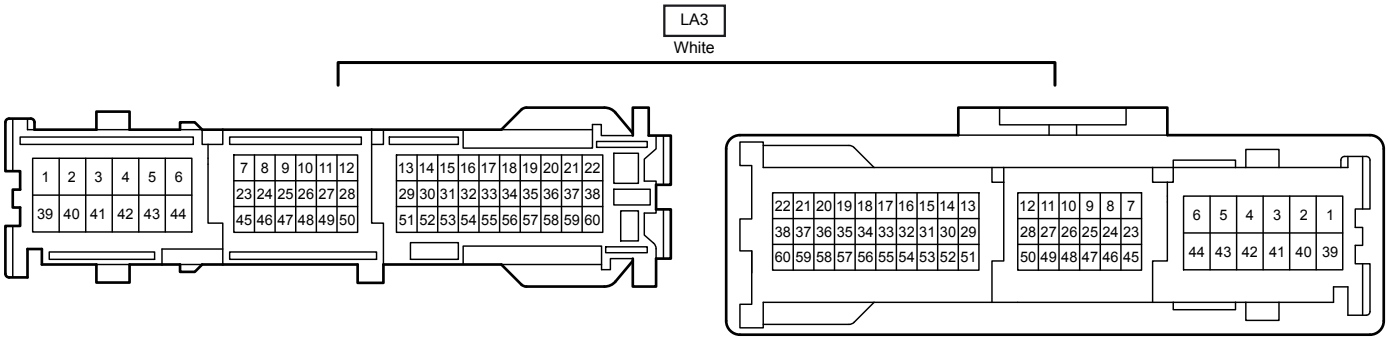
LA3
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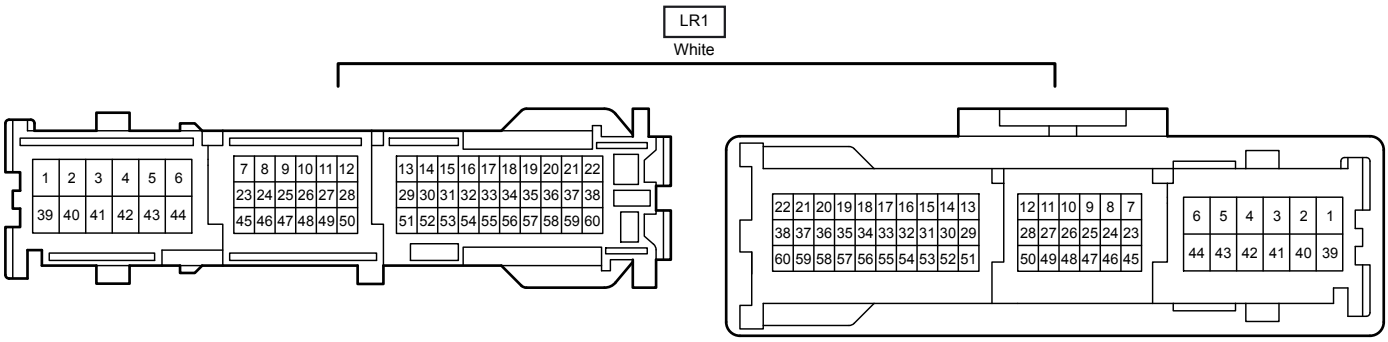
LR1
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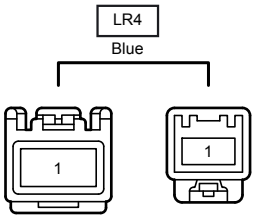
LR4
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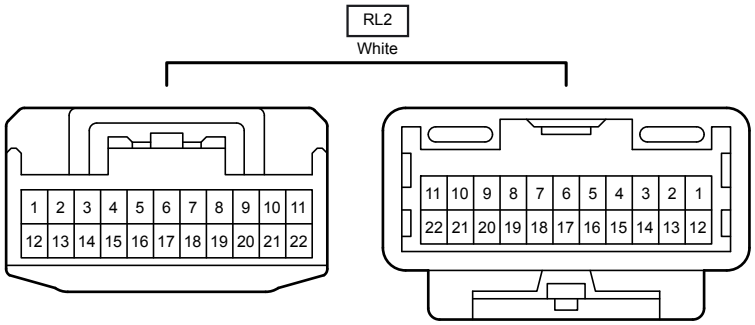
RL2
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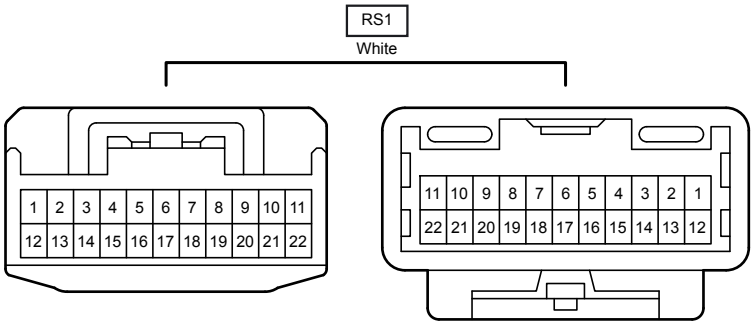
RS1
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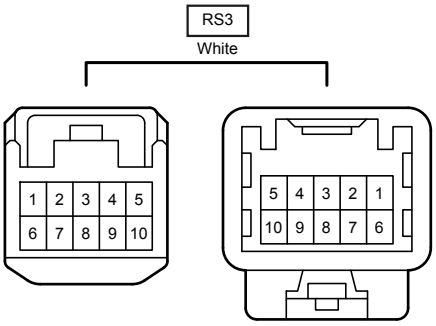
RS3
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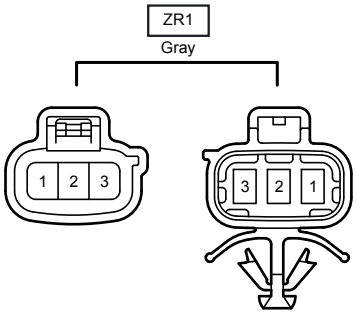
ZR1
Gray
1
2
3
3
2
1