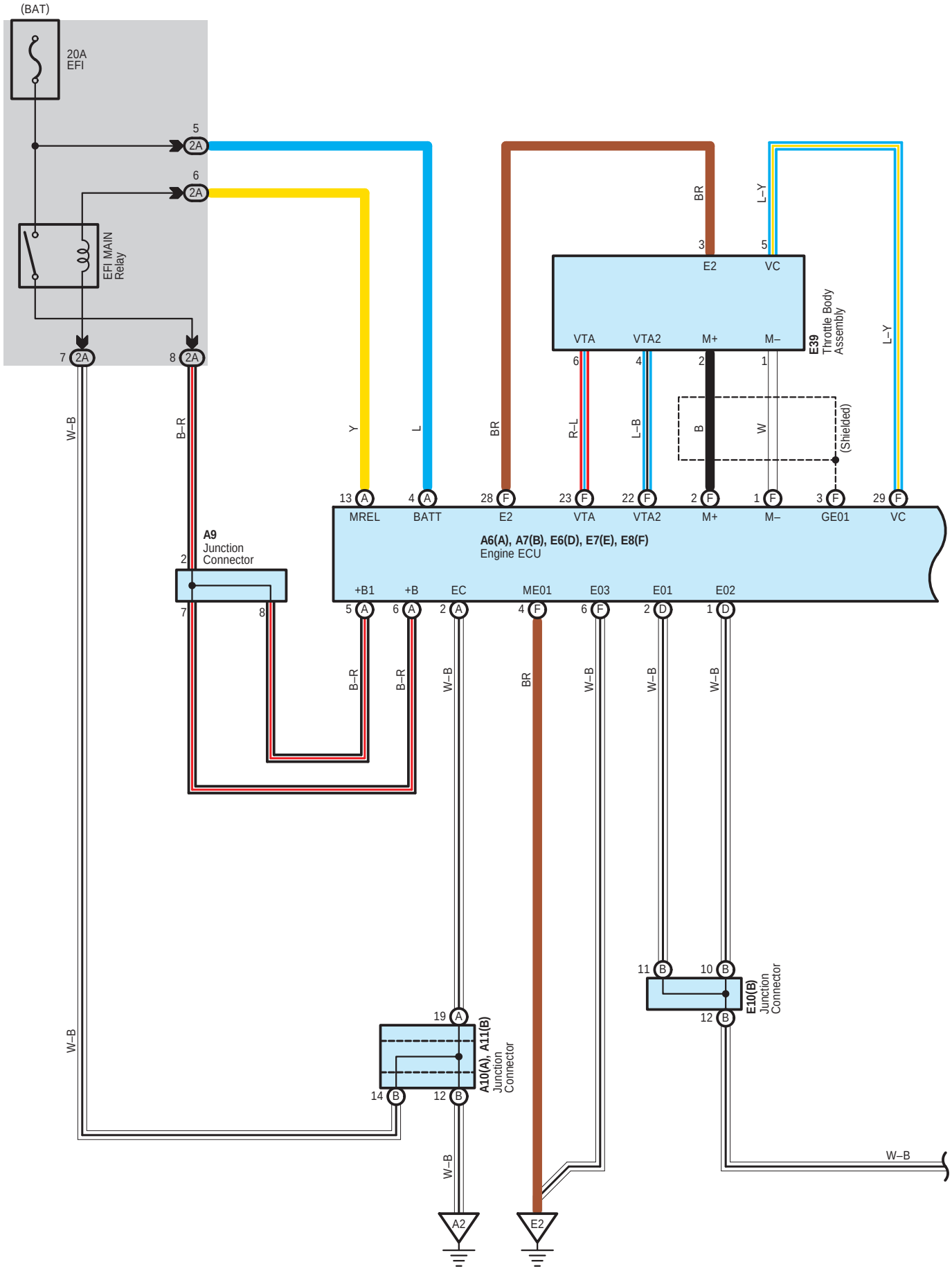
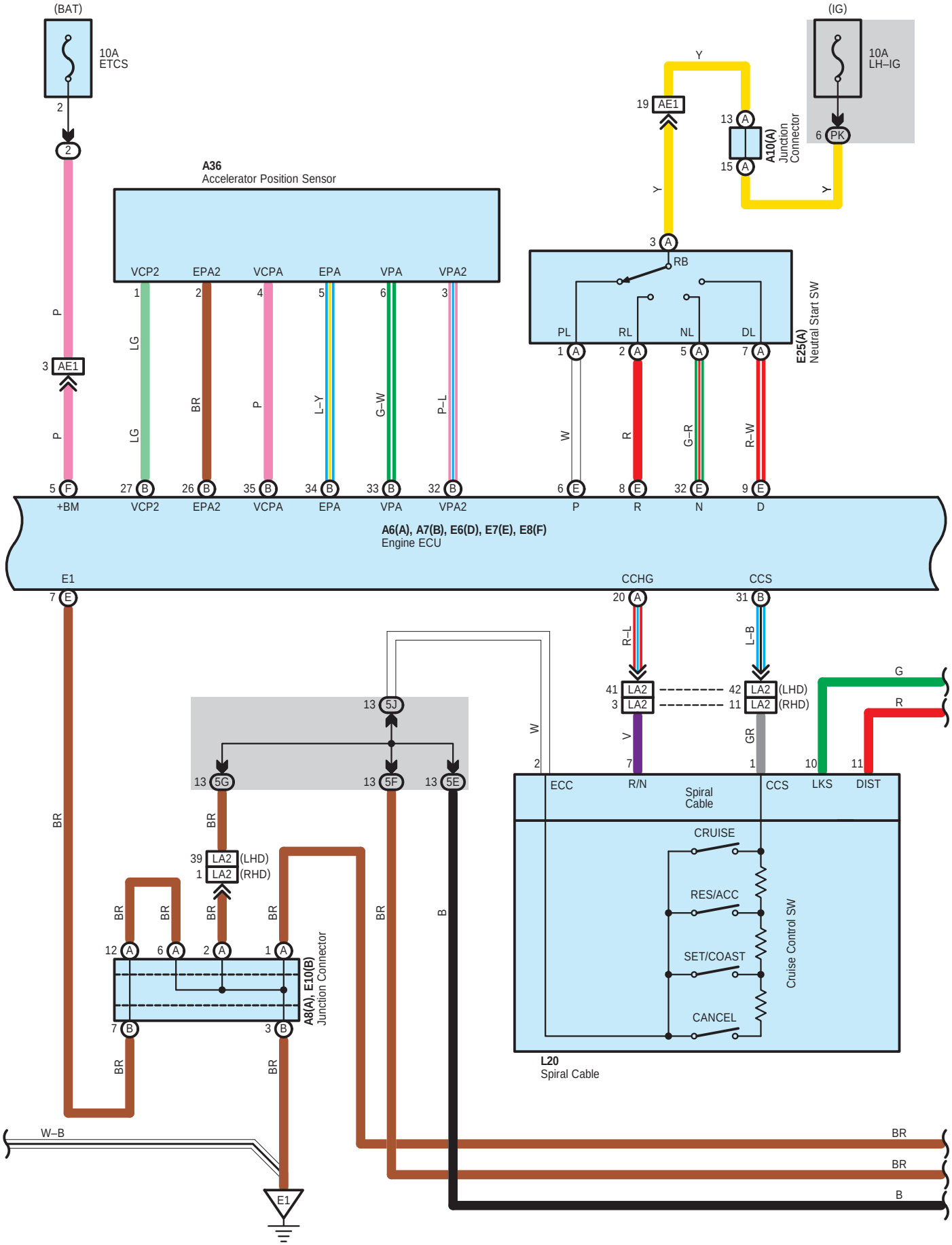
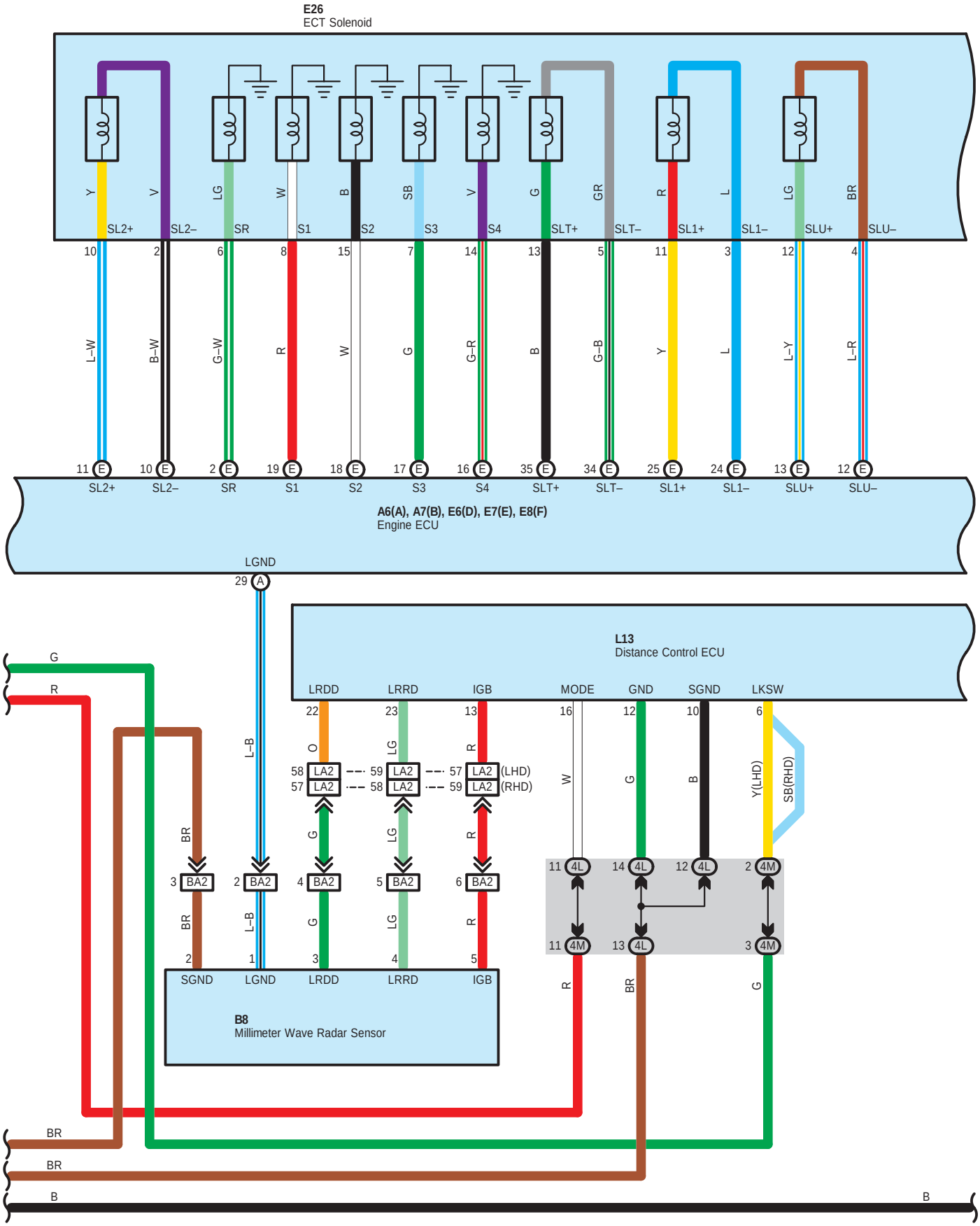
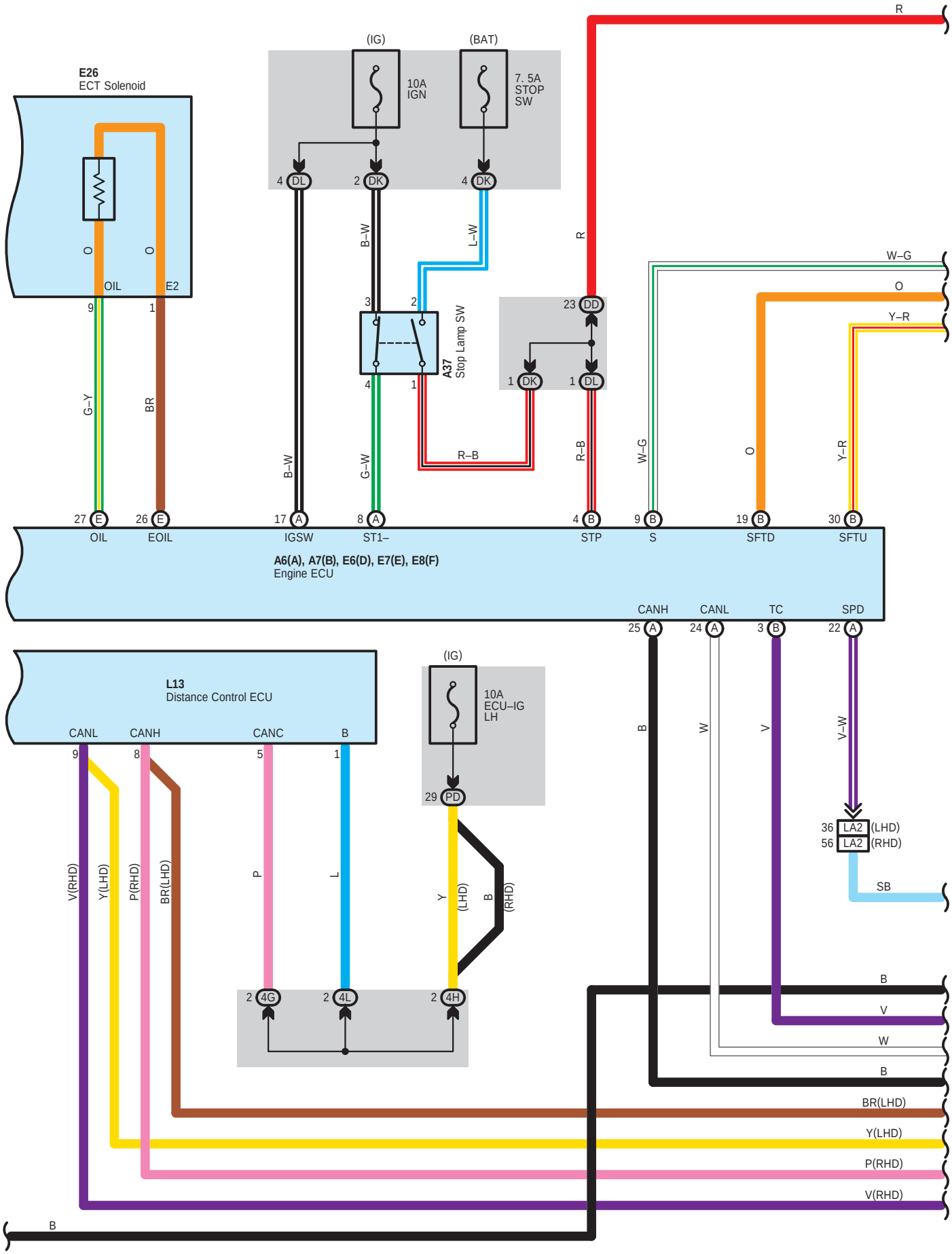
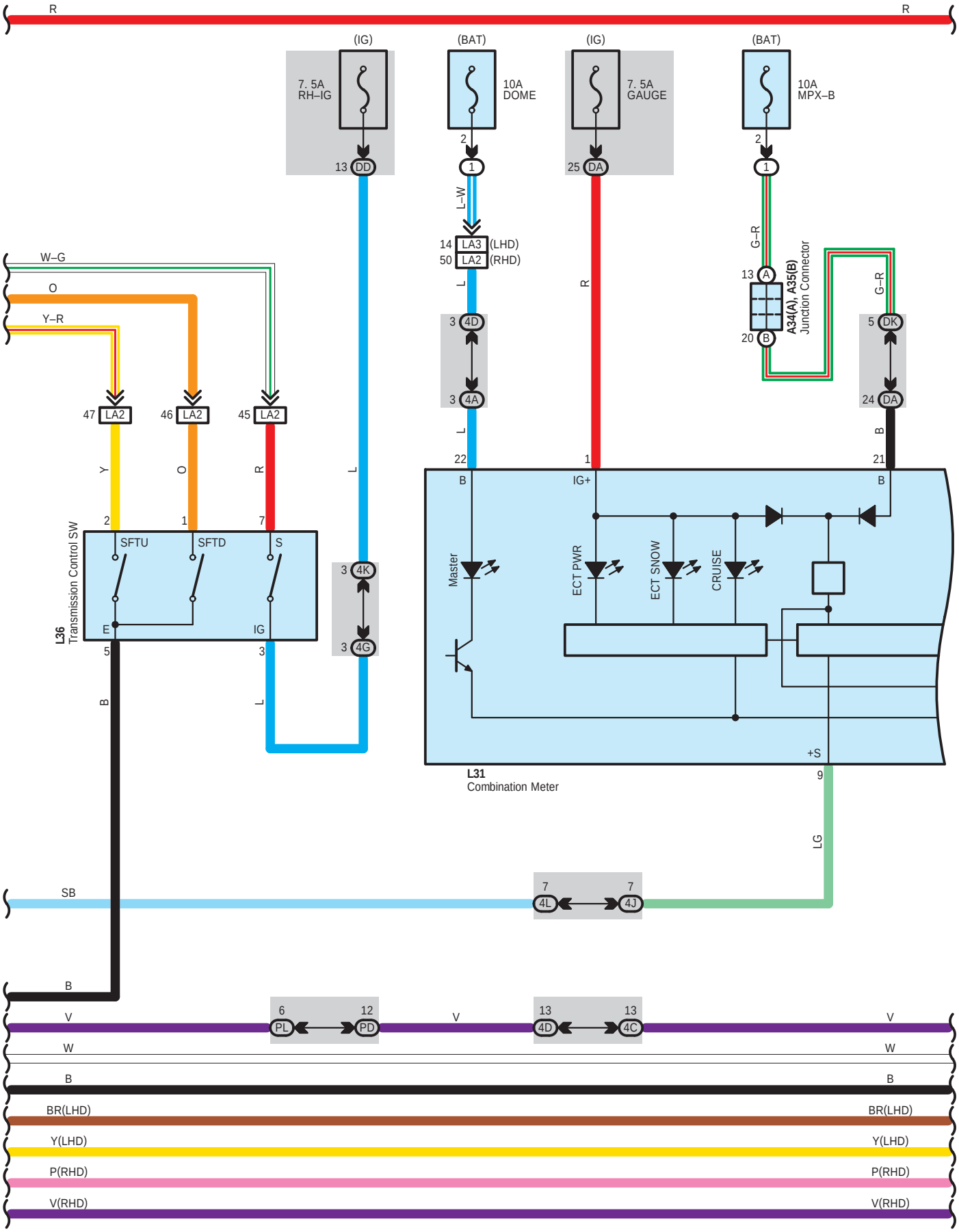
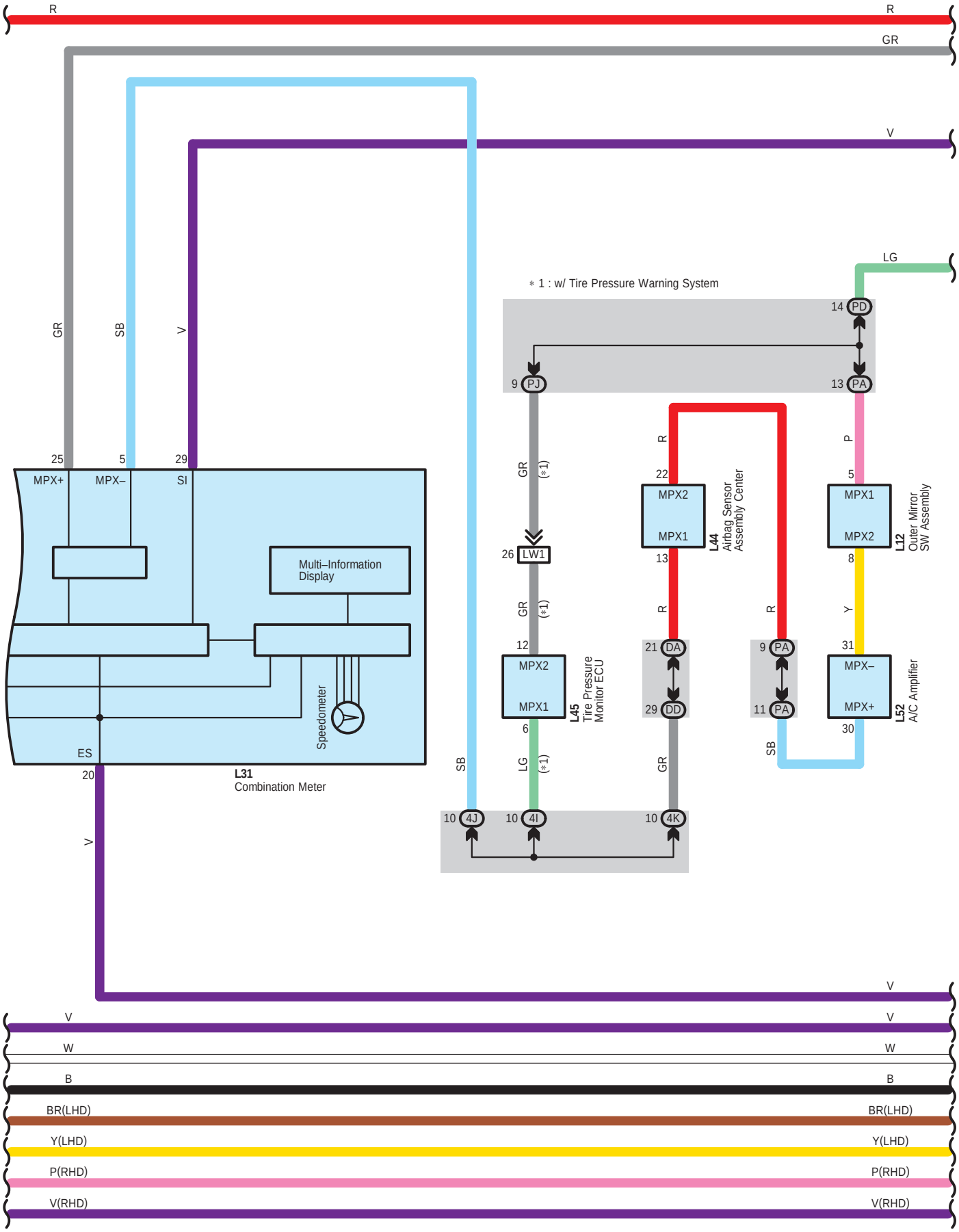

(BAT)
20A
EFI
5
2A
6
2A
EFI MAIN
Relay
7
2A
8
2A
W–B
B–R
Y
L
BR
R–L
L–B
B
W
L–Y
3
E2
5
VC
VTA
VTA2
M+
M–
6
4
2
1
E39
Throttle Body
Assembly
(Shielded)
13
MREL
4
BATT
28
E2
23
VTA
22
VTA2
2
M+
1
M–
3
GE01
29
VC
A6(A), A7(B), E6(D), E7(E), E8(F)
Engine ECU
A9
Junction
Connector
2
7
8
+B1
+B
EC
ME01
E03
E01
E02
5
6
2
4
6
2
1
B–R
B–R
W–B
BR
W–B
W–B
W–B
11
10
12
E10(B)
Junction
Connector
19
14
12
A10(A), A11(B)
Junction
Connector
W–B
W–B
A2
E2

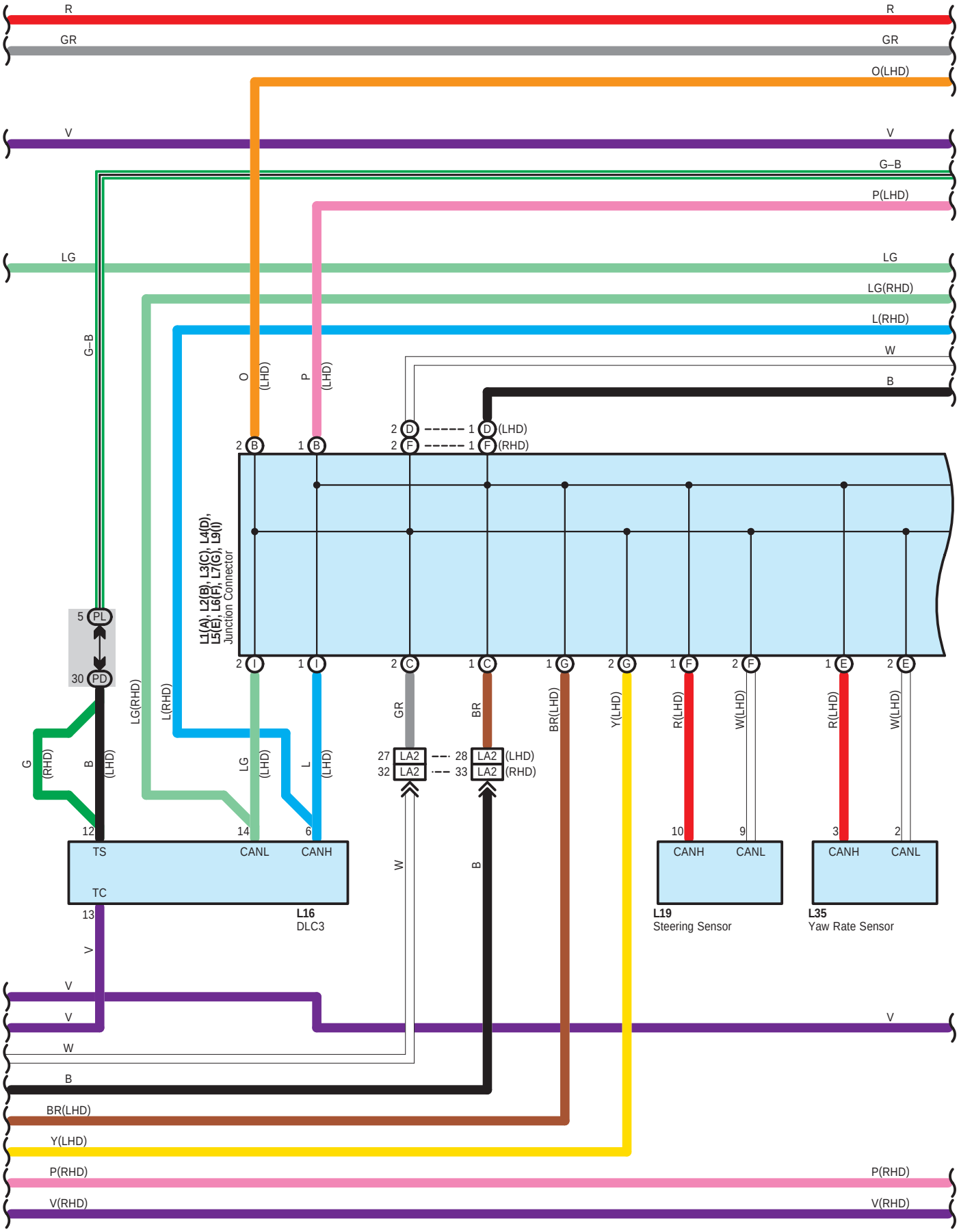

(BAT)
10A
ETCS
(IG)
10A
LH–IG
A36
Accelerator Position Sensor
VCP2
EPA2
VCPA
EPA
VPA
VPA2
A10(A)
Junction Connector
E25(A)
Neutral Start SW
PL
RL
NL
DL
RB
A6(A), A7(B), E6(D), E7(E), E8(F)
Engine ECU
+BM
P
N
D
E1
CCHG
CCS
(LHD)
(RHD)
LKS
DIST
ECC
R/N
Spiral
Cable
CRUISE
RES/ACC
SET/COAST
CANCEL
Cruise Control SW
L20
Spiral Cable
A8(A), E10(B)
Junction Connector
W–B

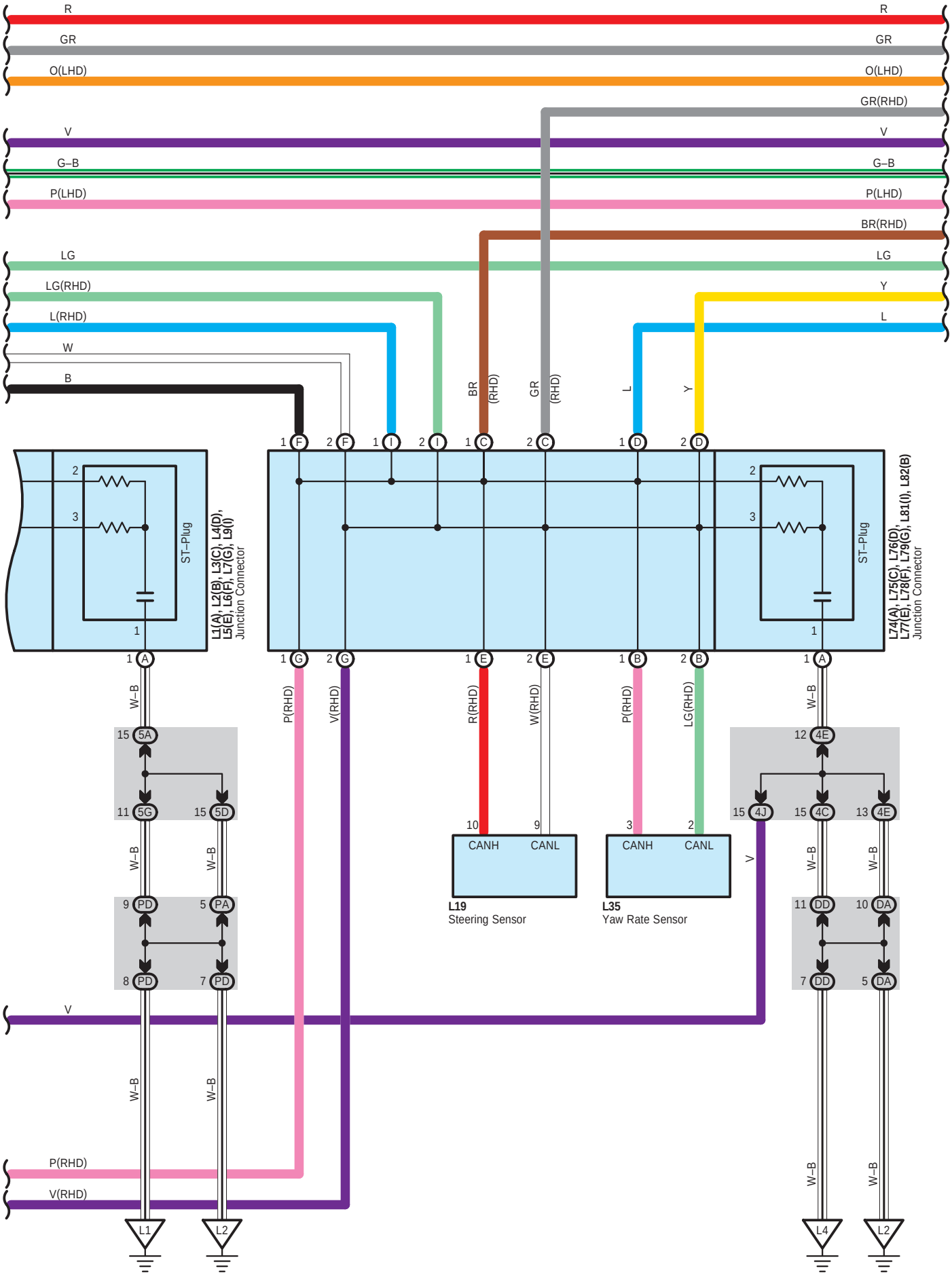

E26
ECT Solenoid
Y
V
LG
W
B
SB
V
G
GR
R
L
LG
BR
SL2+
SL2–
SR
S1
S2
S3
S4
SLT+
SLT–
SL1+
SL1–
SLU+
SLU–
10
2
6
8
15
7
14
13
5
11
3
12
4
L–W
B–W
G–W
R
W
G
G–R
B
G–B
Y
L
L–Y
L–R
11 E
10 E
2 E
19 E
18 E
17 E
16 E
35 E
34 E
25 E
24 E
13 E
12 E
SL2+
SL2–
SR
S1
S2
S3
S4
SLT+
SLT–
SL1+
SL1–
SLU+
SLU–
A6(A), A7(B), E6(D), E7(E), E8(F)
Engine ECU
LGND
29 A
L13
Distance Control ECU
LRDD
LRRD
IGB
MODE
GND
SGND
LKSW
22
23
13
16
12
10
6
O
LG
R
W
G
B
Y(LHD)
SB(RHD)
58 LA2
57 LA2
59 LA2
58 LA2
57 LA2
59 LA2
(LHD)
(RHD)
L–B
BR
G
LG
R
3 BA2
2 BA2
4 BA2
5 BA2
6 BA2
11 4L
14 4L
12 4L
2 4M
11 4M
13 4L
3 4M
2
1
3
4
5
SGND
LGND
LRDD
LRRD
IGB
B8
Millimeter Wave Radar Sensor
G
R
BR
BR
B
B

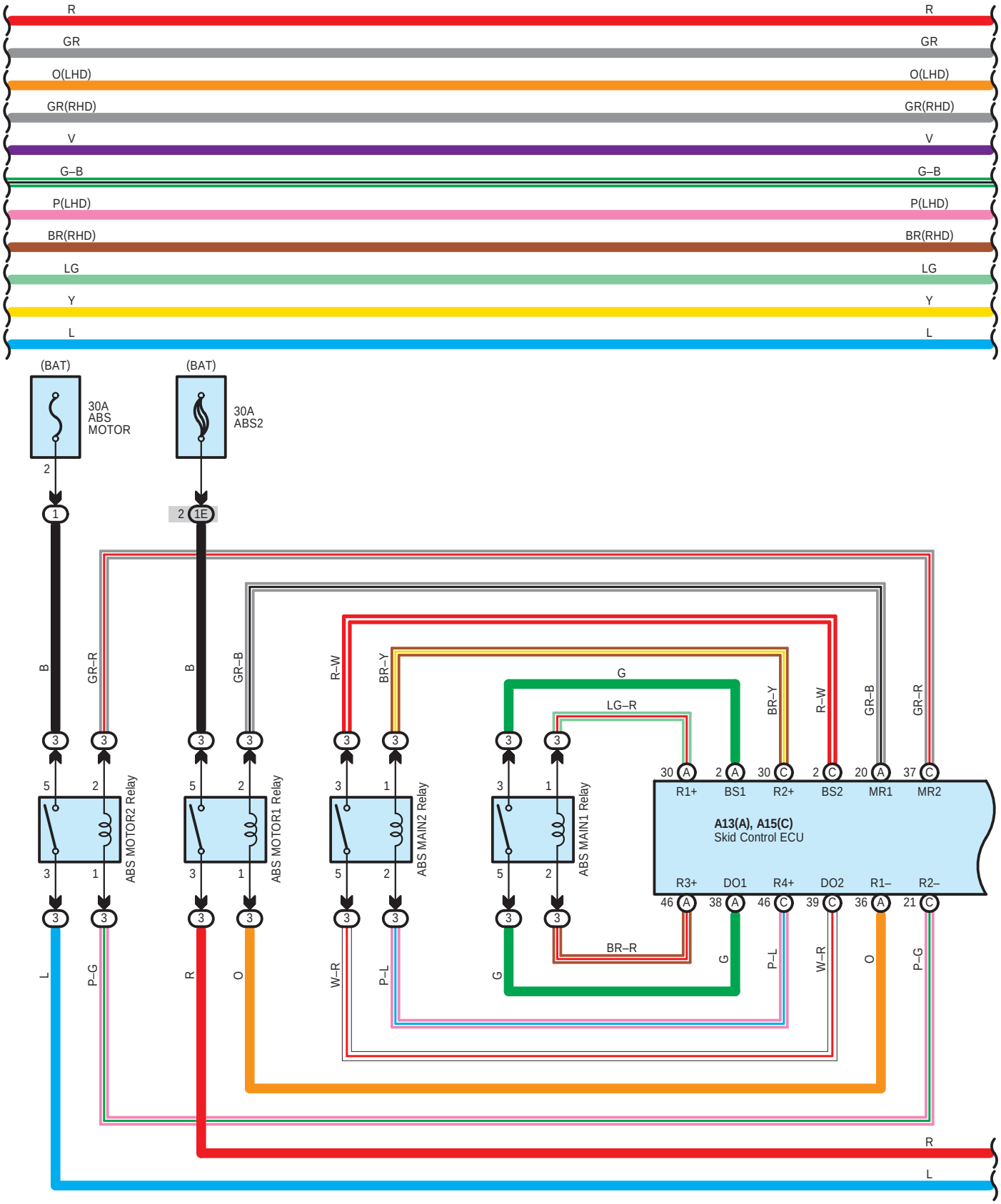

E26
ECT Solenoid
OIL
E2
O
O
G–Y
BR
9
1
27 E
26 E
OIL
EOIL
(IG)
(BAT)
10A
IGN
7. 5A
STOP
SW
4 DL
2 DK
4 DK
B–W
L–W
R
3
2
4
1
A37
Stop Lamp SW
R–B
23 DD
1 DK
1 DL
B–W
G–W
R–B
17 A
8 A
4 B
IGSW
ST1–
STP
W–G
O
Y–R
9 B
19 B
30 B
S
SFTD
SFTU
A6(A), A7(B), E6(D), E7(E), E8(F)
Engine ECU
CANH
CANL
TC
SPD
25 A
24 A
3 B
22 A
L13
Distance Control ECU
CANL
CANH
CANC
B
9
8
5
1
(IG)
10A
ECU–IG
LH
29 PD
V(RHD)
Y(LHD)
P(RHD)
BR(LHD)
P
L
Y
(LHD)
B
(RHD)
B
W
V
V–W
36 LA2 (LHD)
56 LA2 (RHD)
SB
2 4G
2 4L
2 4H
B
V
W
B
BR(LHD)
Y(LHD)
P(RHD)
V(RHD)
B

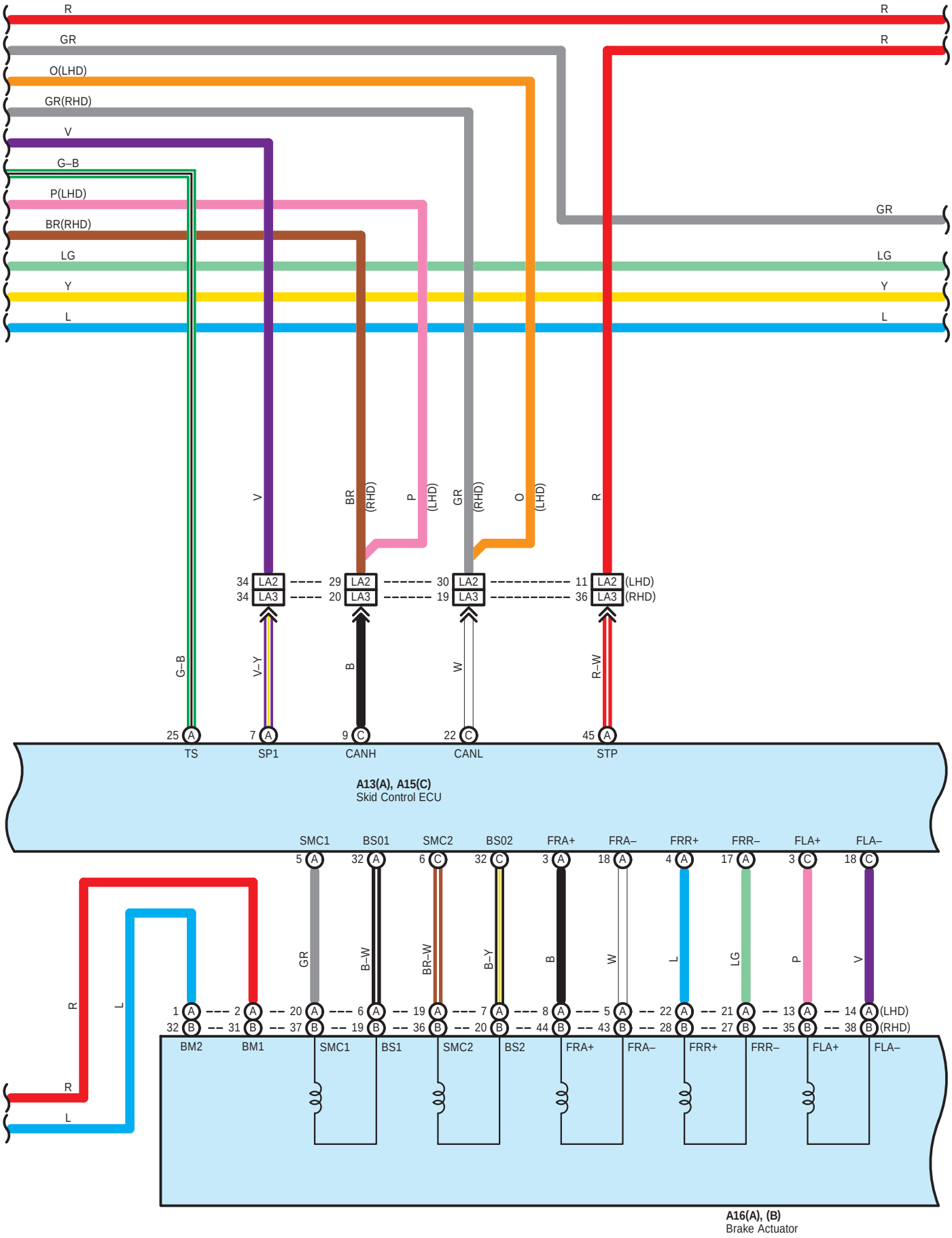

R
R
(IG)
7. 5A
RH–IG
13 DD
(BAT)
10A
DOME
2
1
L–W
14 LA3 (LHD)
50 LA2 (RHD)
L
3 4D
3 4A
L
22
B
(IG)
7. 5A
GAUGE
25 DA
R
1
IG+
(BAT)
10A
MPX–B
2
1
G–R
13 A
20 B
A34(A), A35(B)
Junction Connector
G–R
5 DK
24 DA
B
21
B
W–G
O
Y–R
47 LA2
46 LA2
45 LA2
Y
O
R
L
2
1
7
SFTU
SFTD
S
E
IG
5
3
L36
Transmission Control SW
B
L
3 4K
3 4G
Master
ECT PWR
ECT SNOW
CRUISE
+S
9
L31
Combination Meter
LG
SB
7 4L
7 4J
B
V
6 PL
12 PD
V
13 4D
13 4C
V
W
W
B
B
BR(LHD)
BR(LHD)
Y(LHD)
Y(LHD)
P(RHD)
P(RHD)
V(RHD)
V(RHD)

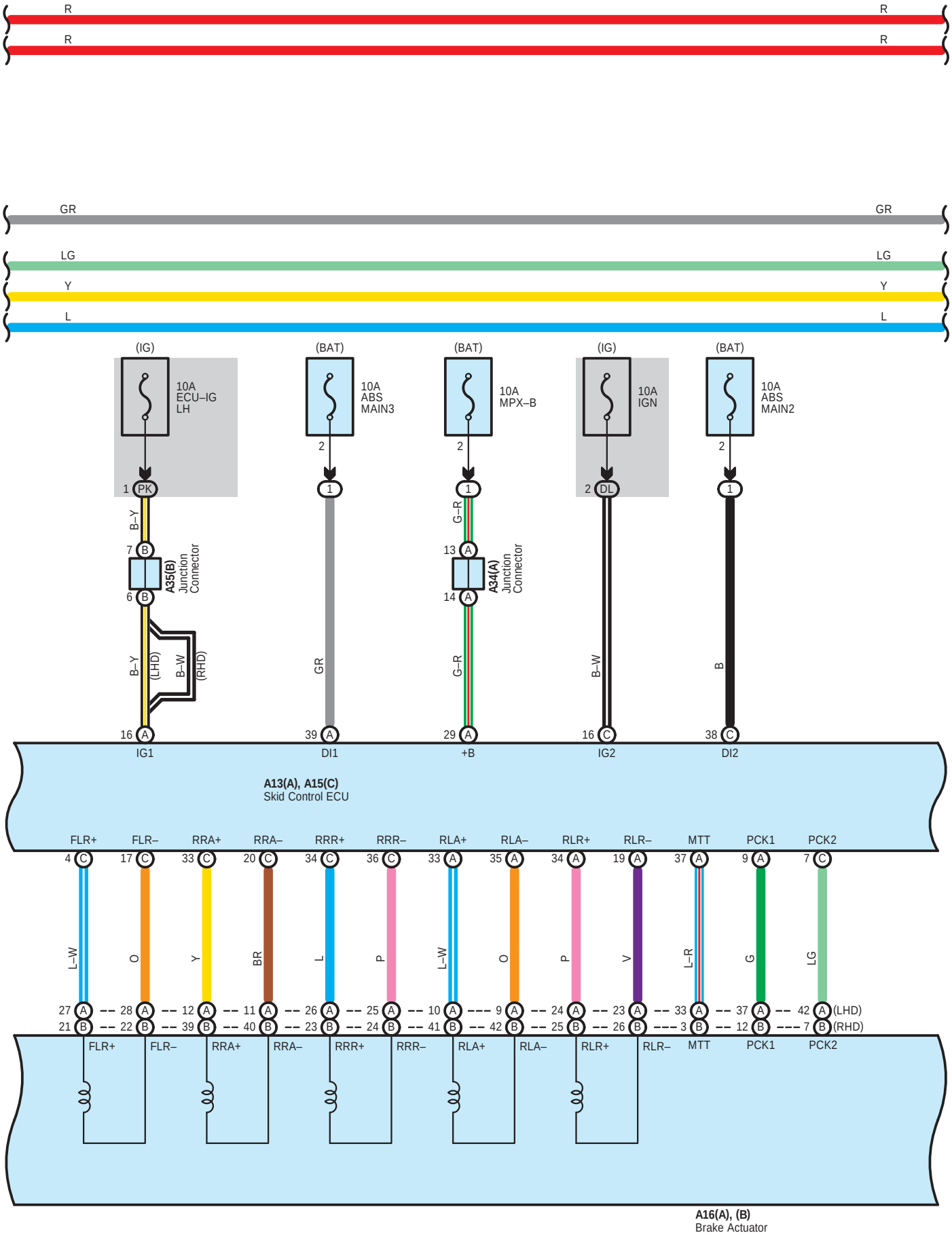

R
GR
V
LG
GR
SB
V
25
5
29
MPX+
MPX–
SI
Multi–Information Display
Speedometer
ES
20
L31
Combination Meter
V
＊1 : w/ Tire Pressure Warning System
14 PD
9 PJ
13 PA
GR (＊1)
26 LW1
GR (＊1)
12
MPX2
MPX1
L45
Tire Pressure Monitor ECU
6
LG (＊1)
SB
10 4J
10 4I
10 4K
R
22
MPX2
MPX1
L44
Airbag Sensor Assembly Center
13
R
21 DA
29 DD
GR
R
9 PA
11 PA
SB
P
5
MPX1
MPX2
L12
Outer Mirror SW Assembly
8
Y
31
MPX–
MPX+
L52
A/C Amplifier
30
V
V
W
B
BR(LHD)
Y(LHD)
P(RHD)
V(RHD)


R
GR
O(LHD)
V
G–B
P(LHD)
LG
LG(RHD)
L(RHD)
W
B
L1(A), L2(B), L3(C), L4(D), L5(E), L6(F), L7(G), L9(I)
Junction Connector
5 PL
30 PD
TS
TC
CANL
CANH
L16
DLC3
L19
Steering Sensor
L35
Yaw Rate Sensor
LA2
BR(LHD)
Y(LHD)
P(RHD)
V(RHD)

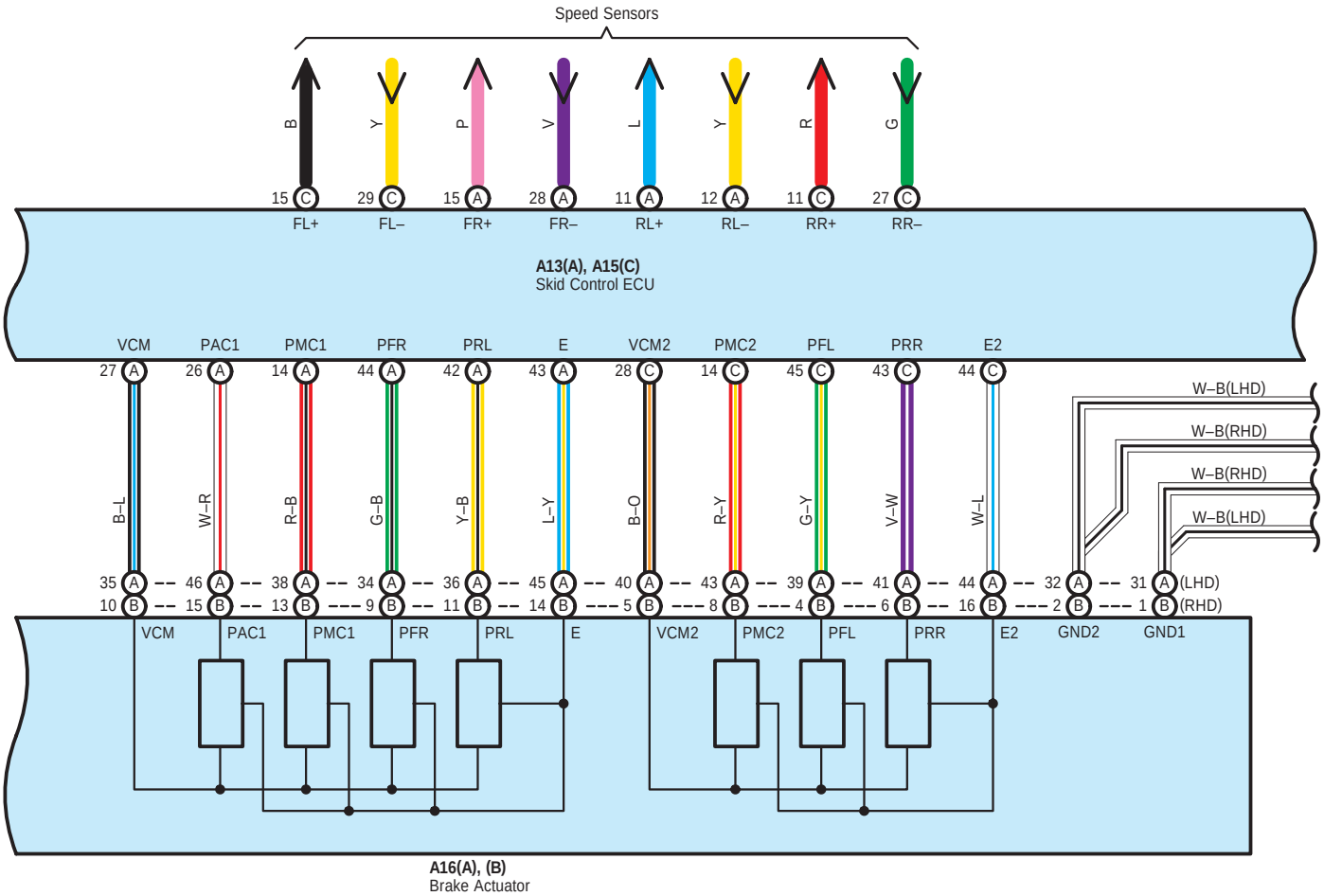

R
GR
O(LHD)
GR(RHD)
V
G–B
P(LHD)
BR(RHD)
LG
LG(RHD)
Y
L(RHD)
L
W
B
BR (RHD)
GR (RHD)
L
Y
ST–Plug
L1(A), L2(B), L3(C), L4(D), L5(E), L6(F), L7(G), L9(I)
Junction Connector
L74(A), L75(C), L76(D), L77(E), L78(F), L79(G), L81(I), L82(B)
Junction Connector
W–B
P(RHD)
V(RHD)
R(RHD)
W(RHD)
LG(RHD)
CANH
CANL
L19
Steering Sensor
L35
Yaw Rate Sensor
L1
L2
L4

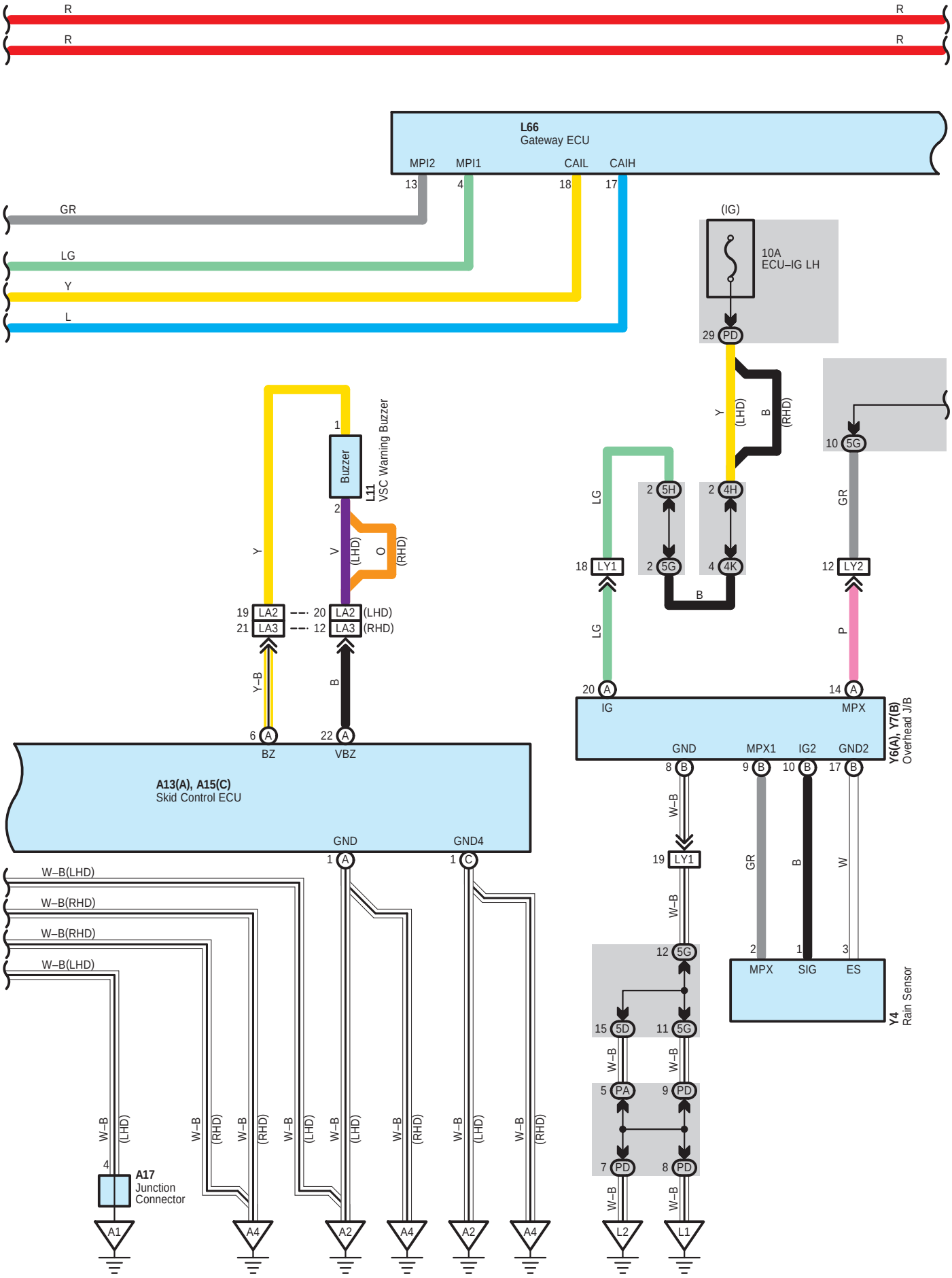

R
GR
O(LHD)
GR(RHD)
V
G–B
P(LHD)
BR(RHD)
LG
Y
L
(BAT)
30A
ABS
MOTOR
(BAT)
30A
ABS2
2
1
2
1E
B
GR–R
B
GR–B
R–W
BR–Y
G
LG–R
BR–Y
R–W
GR–B
GR–R
ABS MOTOR2 Relay
ABS MOTOR1 Relay
ABS MAIN2 Relay
ABS MAIN1 Relay
30 A R1+
2 A BS1
30 C R2+
2 C BS2
20 A MR1
37 C MR2
A13(A), A15(C)
Skid Control ECU
R3+ 46 A
DO1 38 A
R4+ 46 C
DO2 39 C
R1– 36 A
R2– 21 C
BR–R
L
P–G
R
O
W–R
P–L
G
G
P–L
W–R
O
P–G
R
L

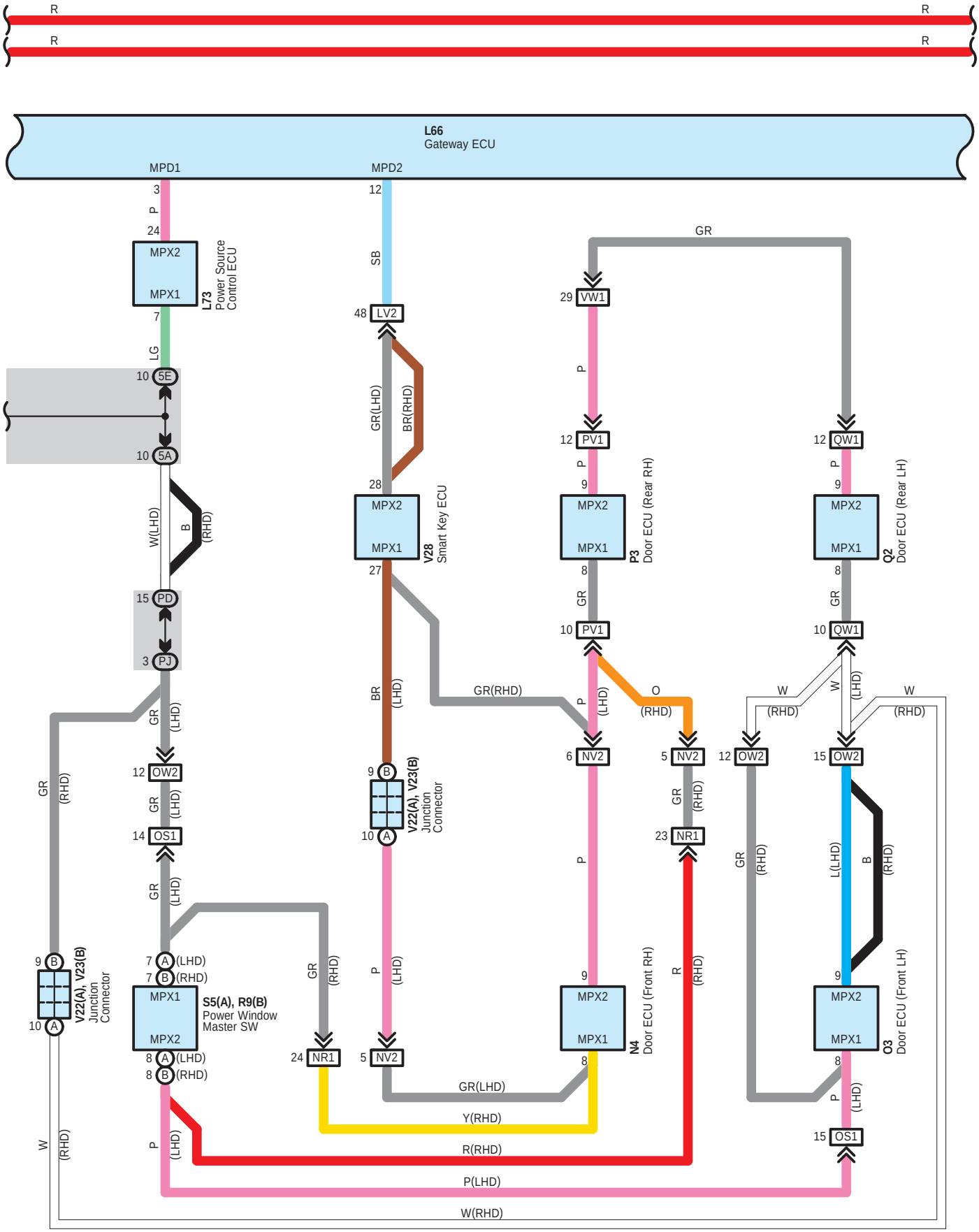

R
GR
O(LHD)
GR(RHD)
V
G–B
P(LHD)
BR(RHD)
LG
Y
L
R
R
GR
LG
Y
L
V
BR (RHD)
P (LHD)
GR (RHD)
O (LHD)
R
34 LA2 34 LA3
29 LA2 20 LA3
30 LA2 19 LA3
11 LA2 (LHD) 36 LA3 (RHD)
G–B
V–Y
B
W
R–W
25 A TS
7 A SP1
9 C CANH
22 C CANL
45 A STP
A13(A), A15(C)
Skid Control ECU
SMC1 BS01 SMC2 BS02 FRA+ FRA– FRR+ FRR– FLA+ FLA–
5 A 32 A 6 C 32 C 3 A 18 A 4 A 17 A 3 C 18 C
GR B–W BR–W B–Y B W L LG P V
R L
1 A 2 A 20 A 6 A 19 A 7 A 8 A 5 A 22 A 21 A 13 A 14 A (LHD)
32 B 31 B 37 B 19 B 36 B 20 B 44 B 43 B 28 B 27 B 35 B 38 B (RHD)
BM2 BM1 SMC1 BS1 SMC2 BS2 FRA+ FRA– FRR+ FRR– FLA+ FLA–
R
L
A16(A), (B)
Brake Actuator

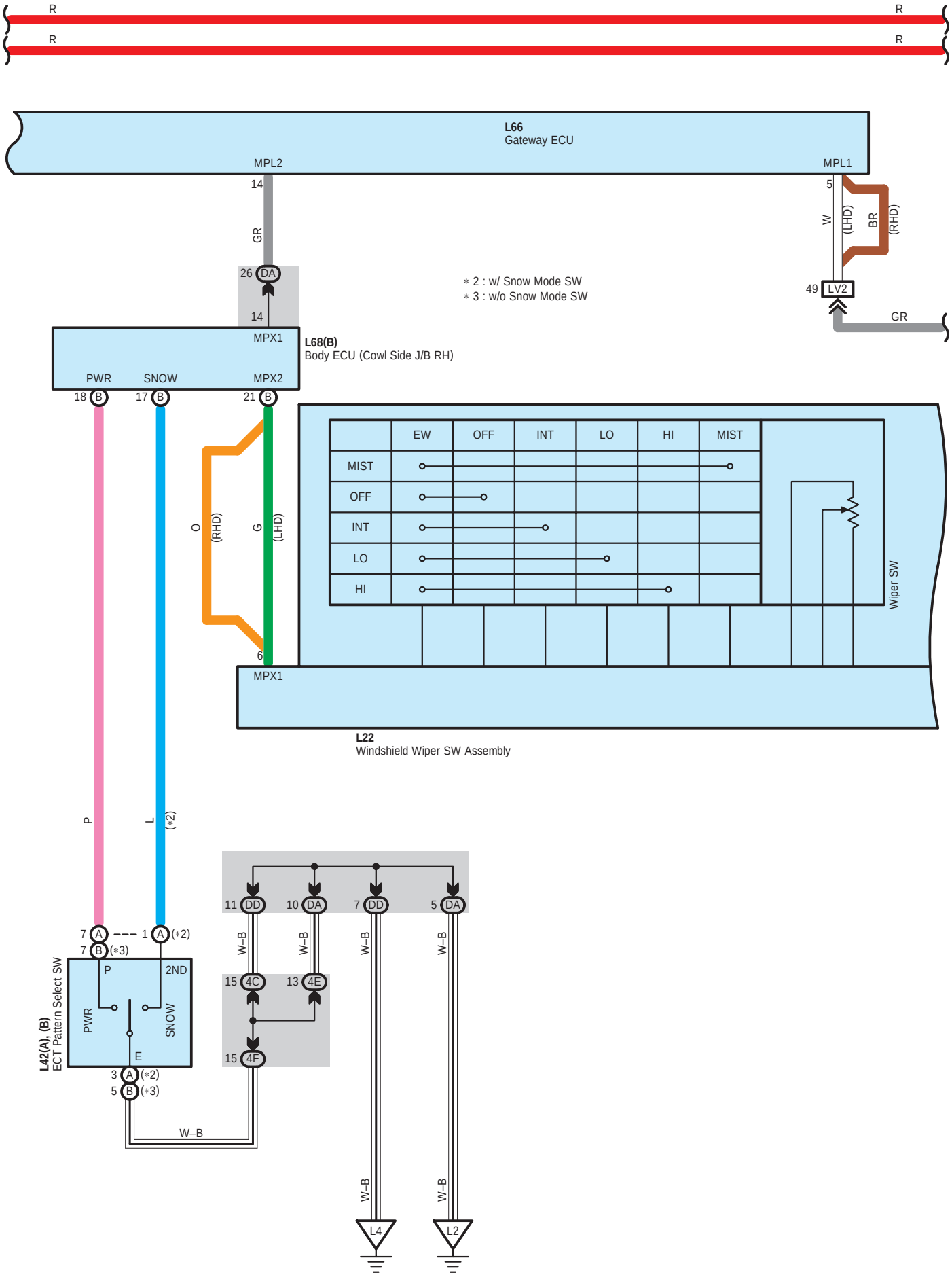

R
R
R
R
GR
GR
LG
LG
Y
Y
L
L
(IG)
10A
ECU–IG
LH
(BAT)
10A
ABS
MAIN3
(BAT)
10A
MPX–B
(IG)
10A
IGN
(BAT)
10A
ABS
MAIN2
1 PK
B–Y
7 B
A35(B)
Junction
Connector
6 B
B–Y (LHD)
B–W (RHD)
16 A
IG1
2
1
GR
39 A
DI1
2
1
G–R
13 A
A34(A)
Junction
Connector
14 A
G–R
29 A
+B
2 DL
B–W
16 C
IG2
2
1
B
38 C
DI2
A13(A), A15(C)
Skid Control ECU
FLR+
FLR–
RRA+
RRA–
RRR+
RRR–
RLA+
RLA–
RLR+
RLR–
MTT
PCK1
PCK2
4 C
17 C
33 C
20 C
34 C
36 C
33 A
35 A
34 A
19 A
37 A
9 A
7 C
L–W
O
Y
BR
L
P
L–W
O
P
V
L–R
G
LG
27 A
21 B
28 A
22 B
12 A
39 B
11 A
40 B
26 A
23 B
25 A
24 B
10 A
41 B
9 A
42 B
24 A
25 B
23 A
26 B
33 A
3 B
37 A
12 B
42 A (LHD)
7 B (RHD)
FLR+
FLR–
RRA+
RRA–
RRR+
RRR–
RLA+
RLA–
RLR+
RLR–
MTT
PCK1
PCK2
A16(A), (B)
Brake Actuator

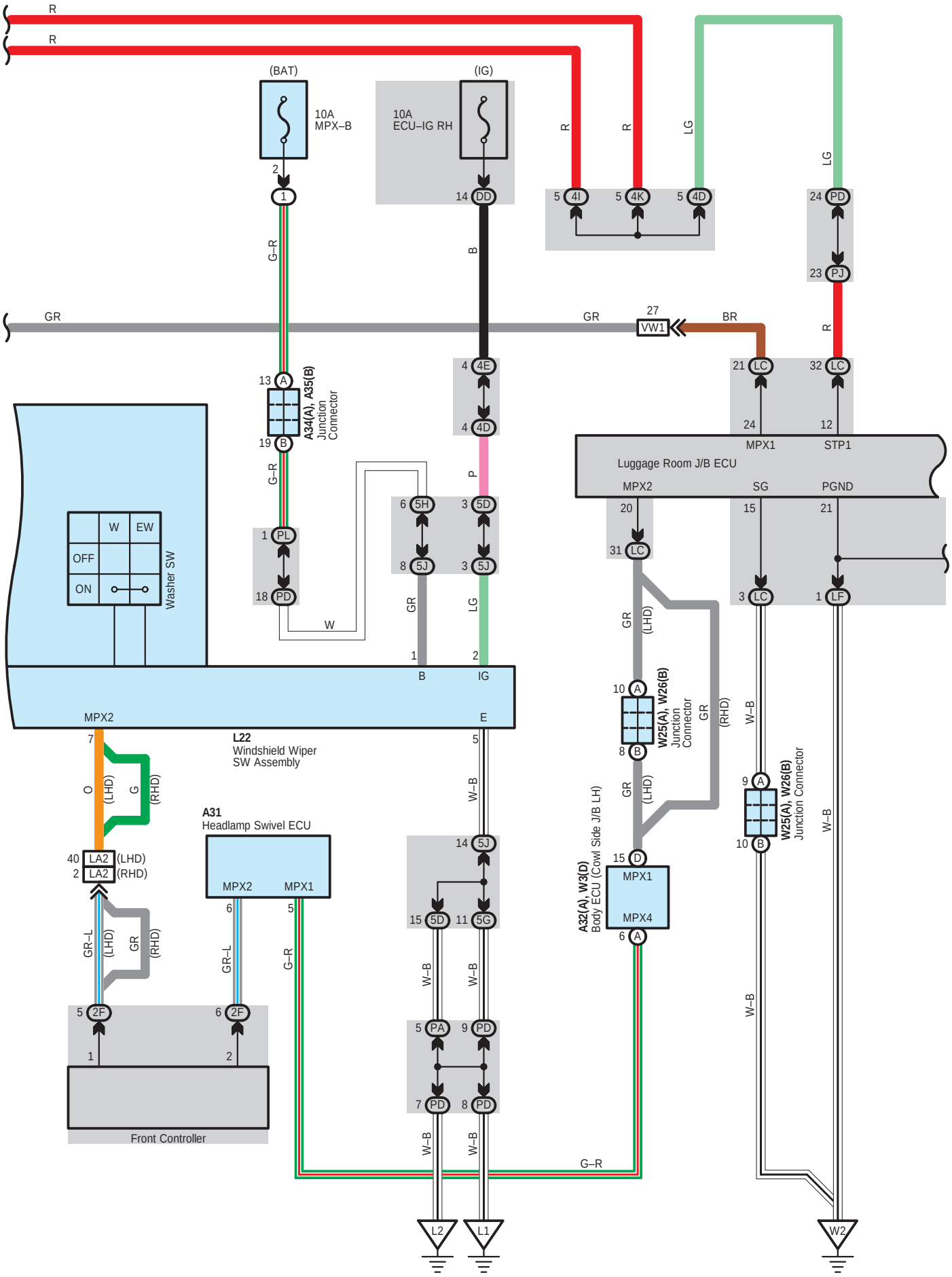
R
R
R
R
GR
GR
LG
LG
Y
Y
L
L

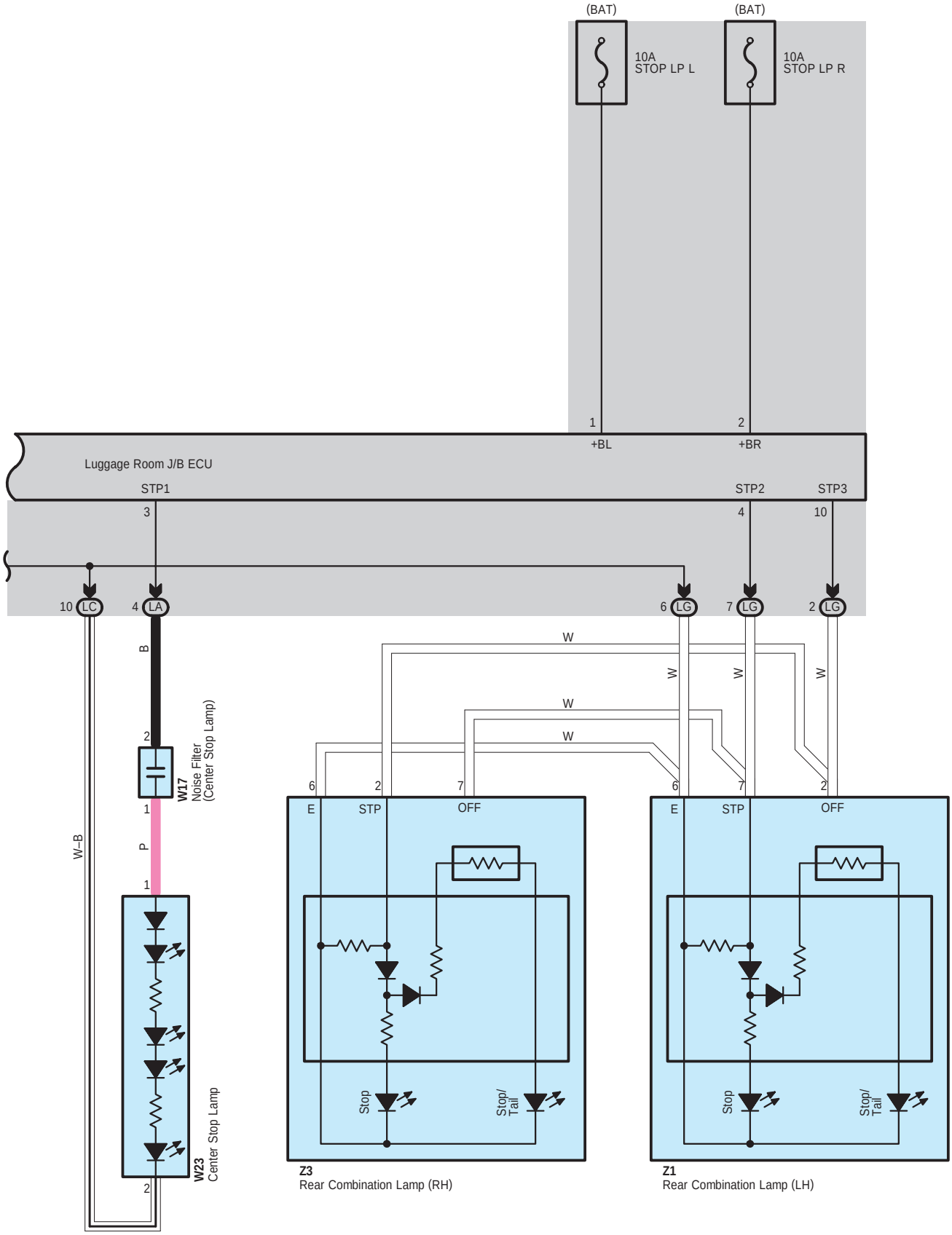

Speed Sensors
B
Y
P
V
L
Y
R
G
15 C FL+
29 C FL–
15 A FR+
28 A FR–
11 A RL+
12 A RL–
11 C RR+
27 C RR–
A13(A), A15(C)
Skid Control ECU
VCM
PAC1
PMC1
PFR
PRL
E
VCM2
PMC2
PFL
PRR
E2
27 A
26 A
14 A
44 A
42 A
43 A
28 C
14 C
45 C
43 C
44 C
B–L
W–R
R–B
G–B
Y–B
L–Y
B–O
R–Y
G–Y
V–W
W–L
W–B(LHD)
W–B(RHD)
W–B(RHD)
W–B(LHD)
35 A
10 B
46 A
15 B
38 A
13 B
34 A
9 B
36 A
11 B
45 A
14 B
40 A
5 B
43 A
8 B
39 A
4 B
41 A
6 B
44 A
16 B
32 A
2 B
31 A
1 B
(LHD)
(RHD)
VCM
PAC1
PMC1
PFR
PRL
E
VCM2
PMC2
PFL
PRR
E2
GND2
GND1
A16(A), (B)
Brake Actuator


R
R
R
R
L66
Gateway ECU
MPI2
MPI1
CAIL
CAIH
13
4
18
17
GR
LG
Y
L
(IG)
10A
ECU–IG LH
29 PD
Y
(LHD)
B
(RHD)
10 5G
GR
LG
2 5H
2 4H
18 LY1
2 5G
4 4K
12 LY2
B
LG
P
20 A
IG
14 A
MPX
Y6(A), Y7(B)
Overhead J/B
GND
MPX1
IG2
GND2
8 B
9 B
10 B
17 B
W–B
19 LY1
GR
B
W
W–B
12 5G
2
1
3
MPX
SIG
ES
Y4
Rain Sensor
15 5D
11 5G
W–B
W–B
5 PA
9 PD
7 PD
8 PD
W–B
W–B
L2
L1
1
Buzzer
L11
VSC Warning Buzzer
2
Y
V
(LHD)
O
(RHD)
19 LA2
21 LA3
20 LA2 (LHD)
12 LA3 (RHD)
Y–B
B
6 A
BZ
22 A
VBZ
A13(A), A15(C)
Skid Control ECU
GND
GND4
1 A
1 C
W–B(LHD)
W–B(RHD)
W–B(RHD)
W–B(LHD)
W–B
(LHD)
W–B
(RHD)
W–B
(RHD)
W–B
(LHD)
W–B
(LHD)
W–B
(RHD)
W–B
(LHD)
W–B
(RHD)
4
A17
Junction
Connector
A1
A4
A2
A4
A2
A4

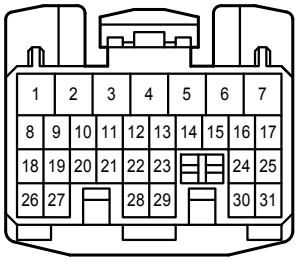

R
R
R
R
L66
Gateway ECU
MPD1
MPD2
3
P
24
MPX2
MPX1
L73
Power Source
Control ECU
7
LG
10 5E
10 5A
W(LHD)
B
(RHD)
15 PD
3 PJ
GR
(LHD)
12 OW2
GR
(LHD)
14 OS1
GR
(LHD)
GR
(RHD)
9 B
10 A
V22(A), V23(B)
Junction
Connector
7 A (LHD)
7 B (RHD)
MPX1
MPX2
S5(A), R9(B)
Power Window
Master SW
8 A (LHD)
8 B (RHD)
W
(RHD)
P
(LHD)
12
SB
48 LV2
GR(LHD)
BR(RHD)
28
MPX2
MPX1
V28
Smart Key ECU
27
BR
(LHD)
9 B
10 A
V22(A), V23(B)
Junction
Connector
GR
(RHD)
24 NR1
P
(LHD)
5 NV2
GR(LHD)
Y(RHD)
R(RHD)
P(LHD)
W(RHD)
GR
29 VW1
P
12 PV1
P
9
MPX2
MPX1
P3
Door ECU (Rear RH)
8
GR
10 PV1
GR(RHD)
P
(LHD)
6 NV2
O
(RHD)
5 NV2
GR
(RHD)
23 NR1
P
9
MPX2
MPX1
N4
Door ECU (Front RH)
8
R
(RHD)
GR
12 QW1
P
9
MPX2
MPX1
Q2
Door ECU (Rear LH)
8
GR
10 QW1
W
(RHD)
W
(LHD)
W
(RHD)
12 OW2
GR
(RHD)
15 OW2
L(LHD)
B
(RHD)
9
MPX2
MPX1
Q3
Door ECU (Front LH)
8
P
(LHD)
15 OS1


R
R
R
R
L66
Gateway ECU
MPL2
14
GR
26 DA
14
MPL1
5
W
(LHD)
BR
(RHD)
49 LV2
GR
∗ 2 : w/ Snow Mode SW
∗ 3 : w/o Snow Mode SW
MPX1
L68(B)
Body ECU (Cowl Side J/B RH)
PWR
SNOW
MPX2
18 B
17 B
21 B
O
(RHD)
G
(LHD)
EW
OFF
INT
LO
HI
MIST
MIST
OFF
INT
LO
HI
Wiper SW
6
MPX1
L22
Windshield Wiper SW Assembly
P
L
(∗2)
11 DD
10 DA
7 DD
5 DA
7 A
1 A (∗2)
7 B (∗3)
W–B
W–B
W–B
W–B
P
2ND
15 4C
13 4E
L42(A), (B)
ECT Pattern Select SW
PWR
SNOW
E
15 4F
3 A (∗2)
5 B (∗3)
W–B
W–B
W–B
L4
L2

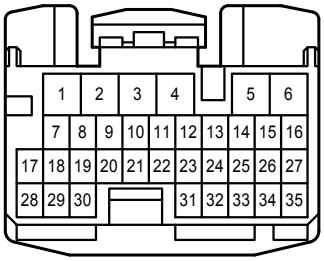

R
R
(BAT)
10A
MPX–B
(IG)
10A
ECU–IG RH
R
R
LG
LG
2
1
14 DD
5 4I
5 4K
5 4D
24 PD
23 PJ
G–R
B
GR
GR
27
VW1
BR
R
13 A
A34(A), A35(B)
Junction
Connector
19 B
4 4E
4 4D
21 LC
32 LC
24
12
MPX1
STP1
Luggage Room J/B ECU
MPX2
SG
PGND
G–R
P
6 5H
3 5D
8 5J
3 5J
20
15
21
31 LC
1 PL
18 PD
W
EW
OFF
ON
Washer SW
W
GR
LG
3 LC
1 LF
GR
(LHD)
1
2
B
IG
10 A
W25(A), W26(B)
Junction
Connector
GR
(RHD)
W–B
MPX2
E
7
L22
Windshield Wiper
SW Assembly
5
8 B
O
(LHD)
G
(RHD)
W–B
9 A
W25(A), W26(B)
Junction Connector
10 B
W–B
A31
Headlamp Swivel ECU
14 5J
40 LA2 (LHD)
2 LA2 (RHD)
MPX2
MPX1
15 D
MPX1
MPX4
6 A
A32(A), W3(D)
Body ECU (Cowl Side J/B LH)
15 5D
11 5G
GR–L
(LHD)
GR
(RHD)
GR–L
G–R
W–B
W–B
W–B
5 2F
6 2F
1
2
5 PA
9 PD
7 PD
8 PD
Front Controller
W–B
W–B
G–R
L2
L1
W2


(BAT)
(BAT)
10A
STOP LP L
10A
STOP LP R
1
2
+BL
+BR
Luggage Room J/B ECU
STP1
STP2
STP3
3
4
10
10 LC
4 LA
6 LG
7 LG
2 LG
B
W
W
W
W
W
W
2
1
W17
Noise Filter
(Center Stop Lamp)
W–B
P
1
2
W23
Center Stop Lamp
6
2
7
6
7
2
E
STP
OFF
E
STP
OFF
Stop
Stop/
Tail
Stop
Stop/
Tail
Z3
Rear Combination Lamp (RH)
Z1
Rear Combination Lamp (LH)

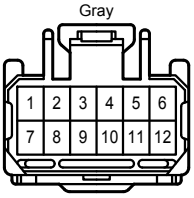
A 6
White



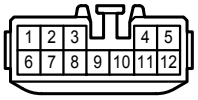
A 7
White



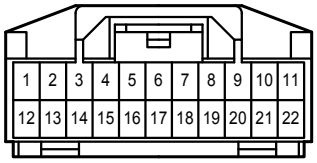
A 8
Gray



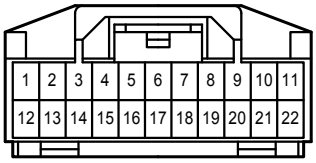
A 9
White



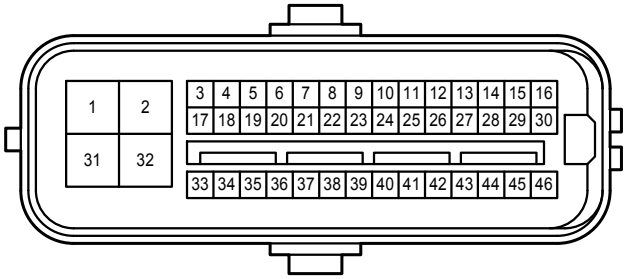
A 10
Blue



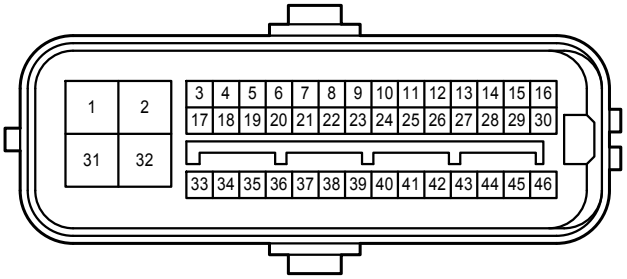
A 11
Blue



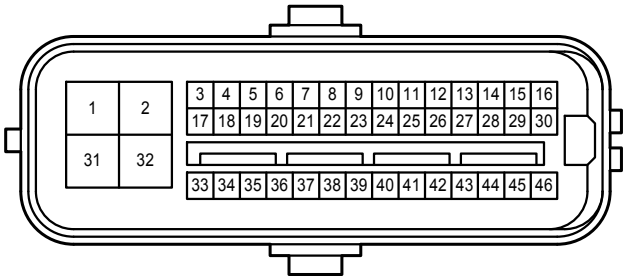
A 13
Black



A 15
Gray

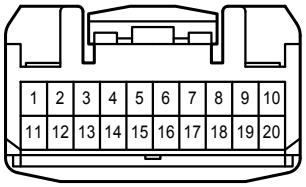


A 16
Black

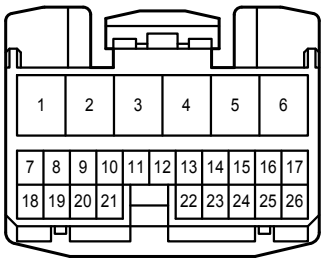


A 17
Gray

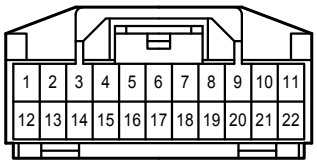
A 31
White



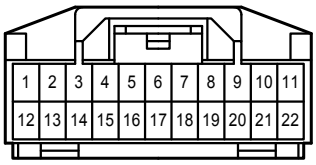
A 32
White



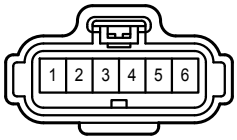
A 34
Blue



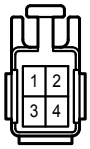
A 35
Blue



A 36
Black

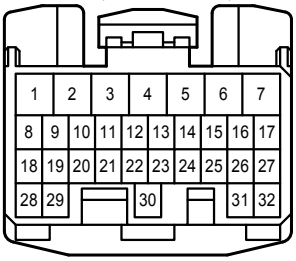


A 37
Green

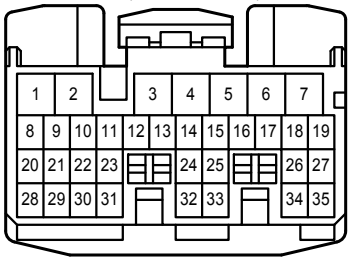


B 8
Black

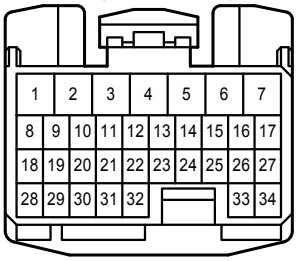
E 6
White (3UZ-FE, 3GR-FE)



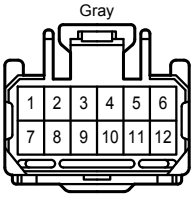
E 7
White (3UZ-FE, 3GR-FE)



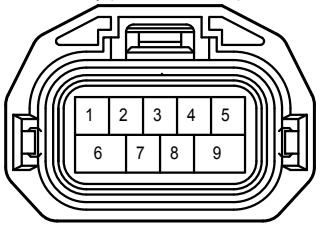
E 8
White (3UZ-FE, 3GR-FE)



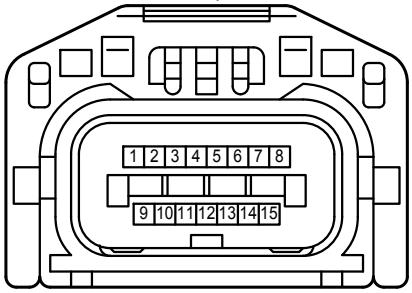
E 10
Gray



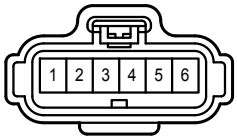
E 25
Gray (3UZ-FE, 3GR-FE)



E 26
Gray

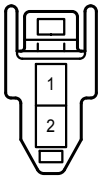


E 39
Black

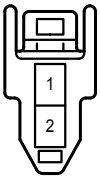


L 1
White

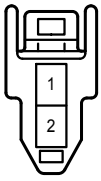
L 2
White



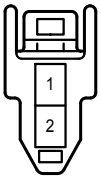
L 3
White



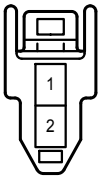
L 4
White



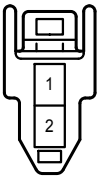
L 5
White



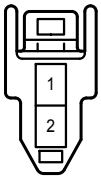
L 6
White



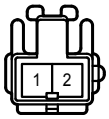
L 7
White



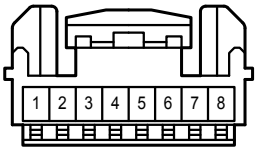
L 9
White



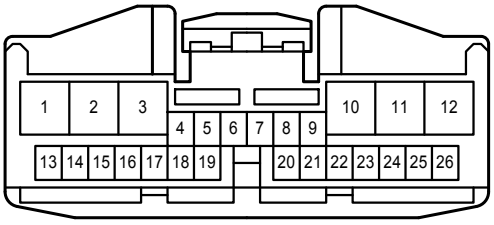
L 11
Black



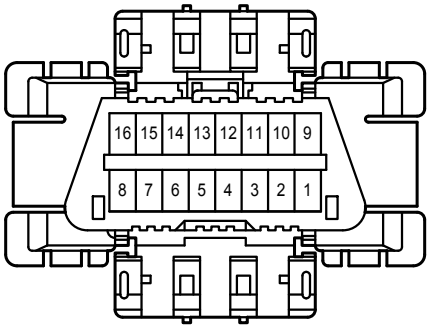
L 12
White



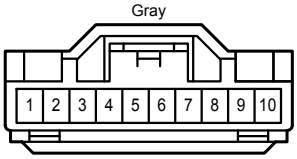
L 13
White



L 16
White

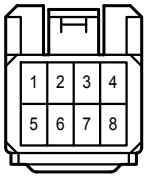


L 19
Gray

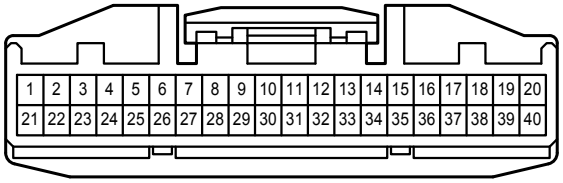


L 20
Black

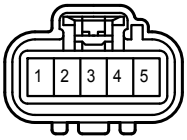
L 22
White



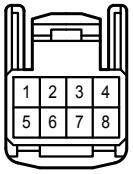
L 31
White



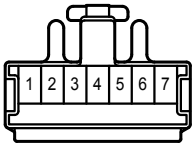
L 35
Black



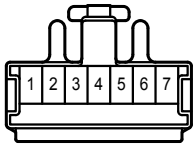
L 36
White



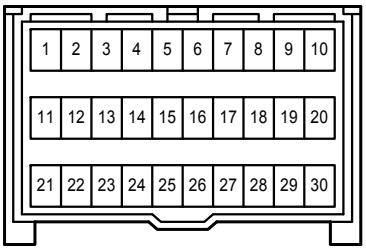
L 42
White (w/o Snow Mode SW)



L 42
Black (w/ Snow Mode SW)

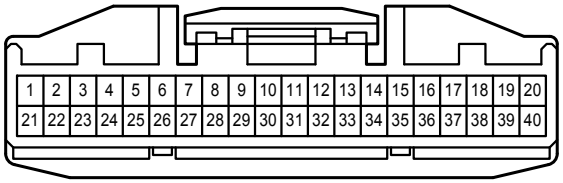


L 44
Yellow

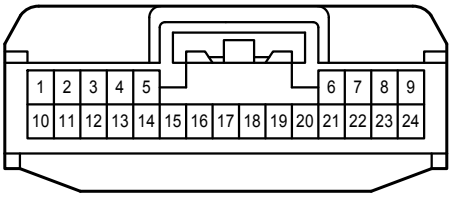


L 45
Black

L 52
White



L 66
White



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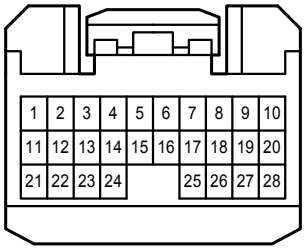

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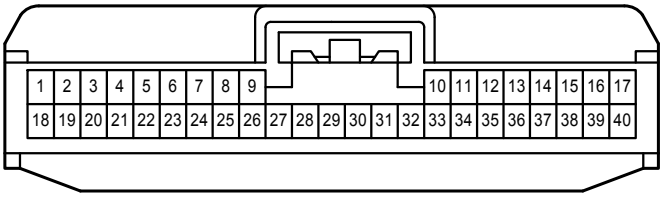

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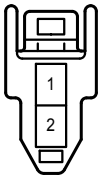

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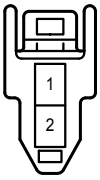

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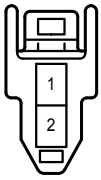

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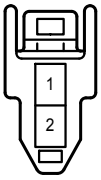

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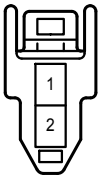

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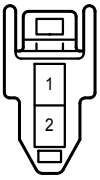

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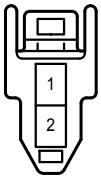

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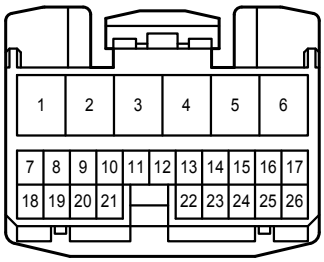

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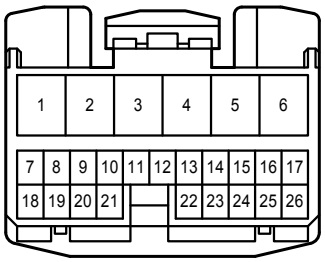

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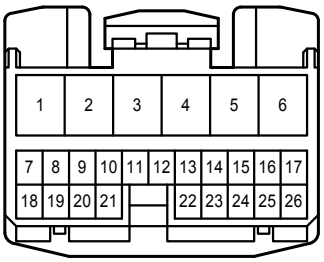

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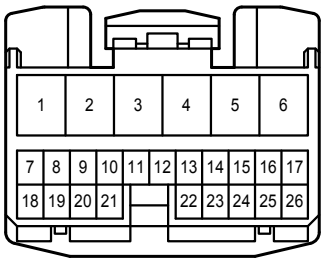

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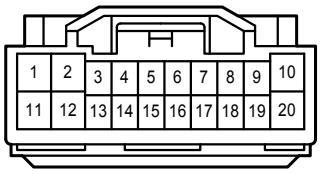

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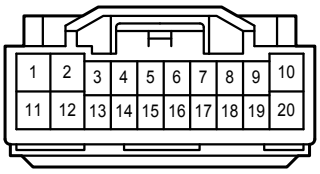

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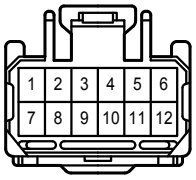

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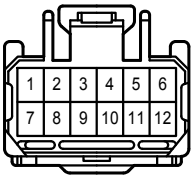

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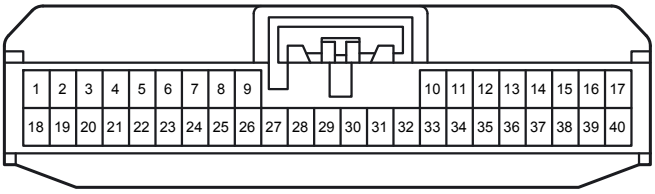

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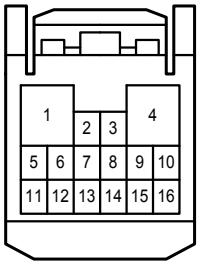

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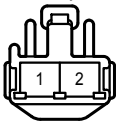

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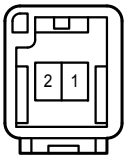

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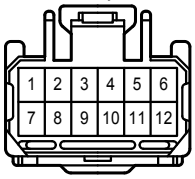

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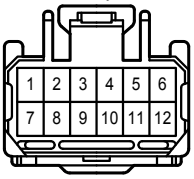

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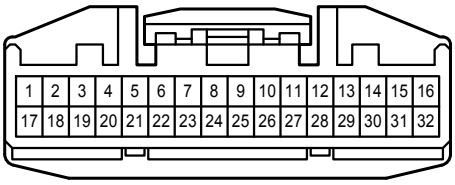

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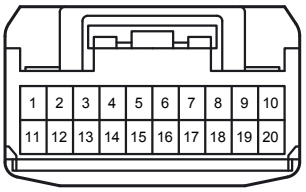

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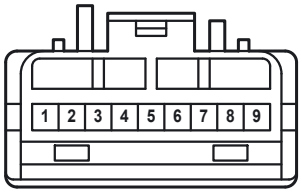

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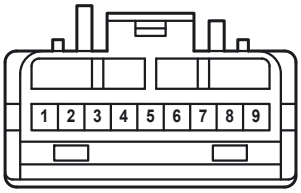

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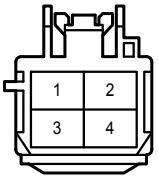

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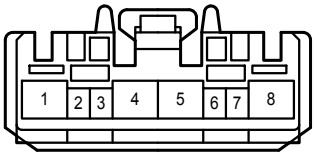

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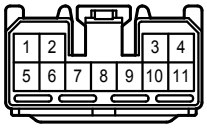

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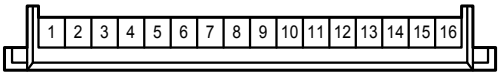

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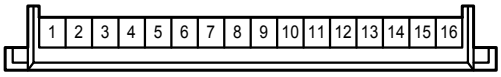

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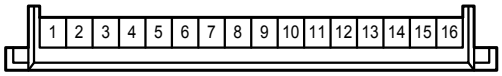

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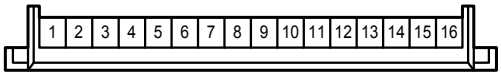

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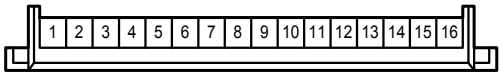

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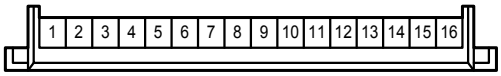

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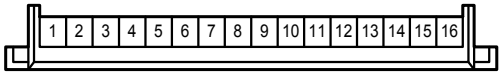

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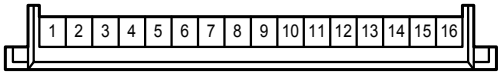

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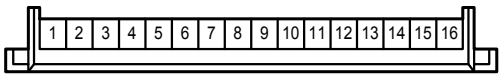

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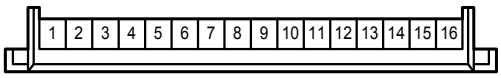

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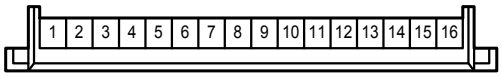

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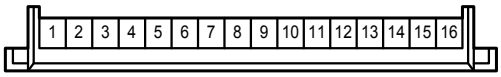

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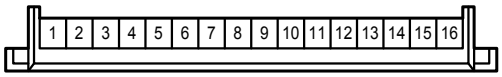

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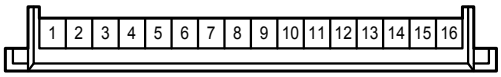

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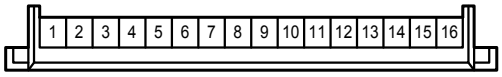

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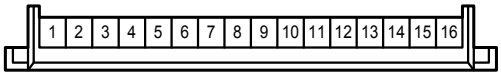

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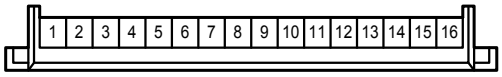

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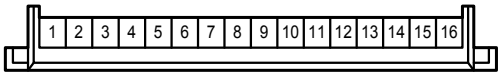

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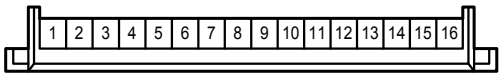

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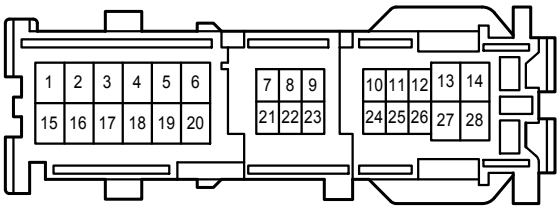

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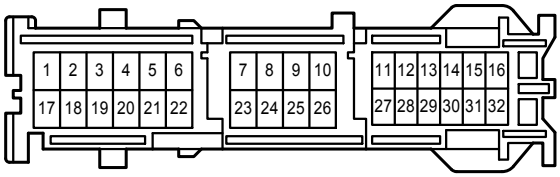

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DL
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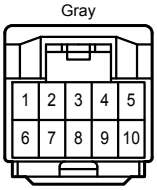

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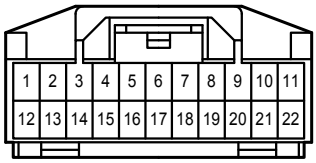

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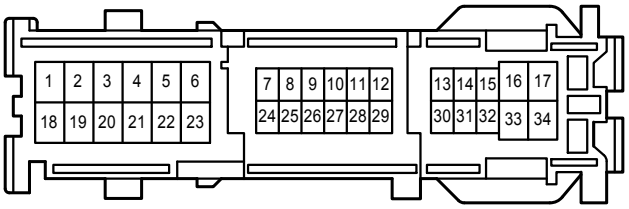

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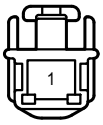

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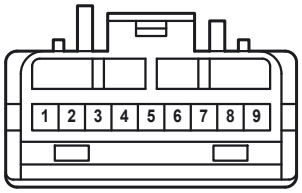

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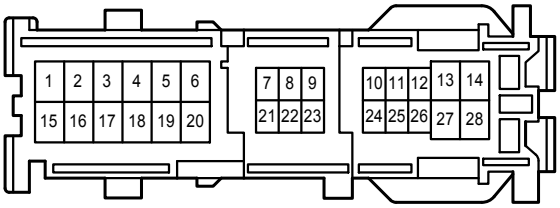

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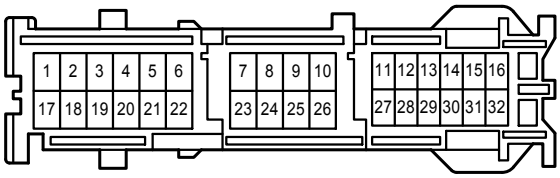

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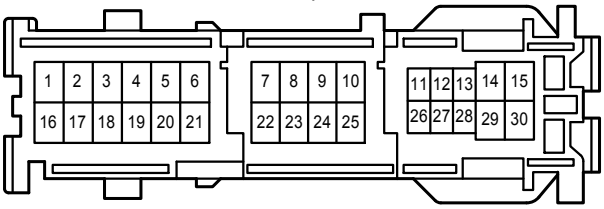

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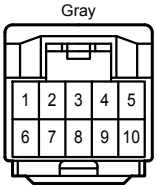

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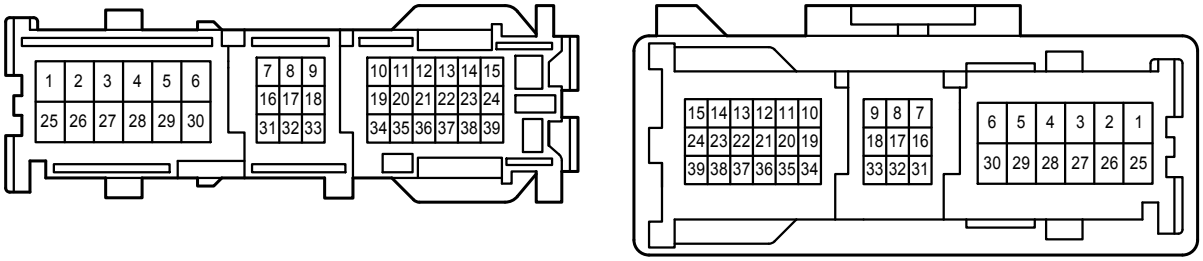

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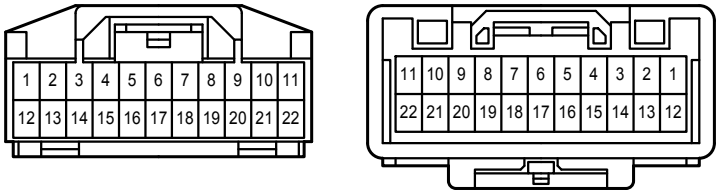

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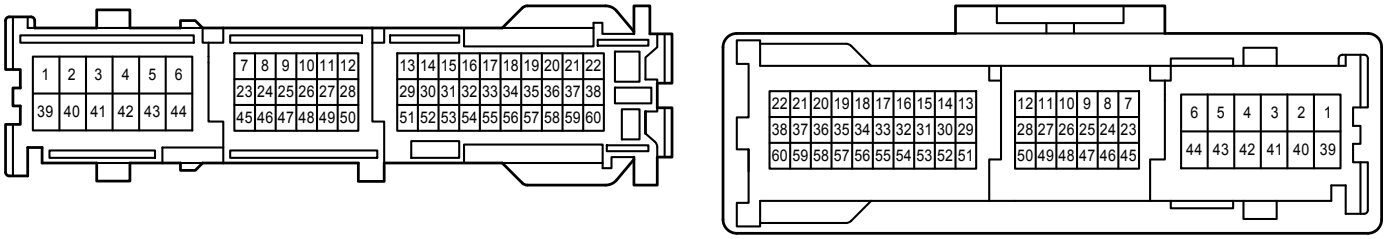

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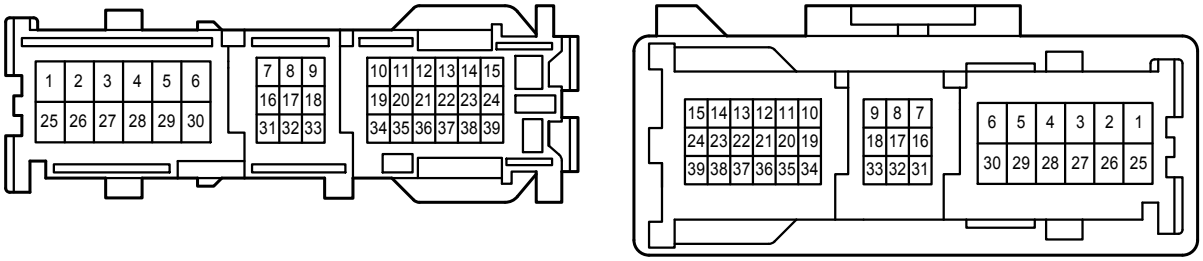

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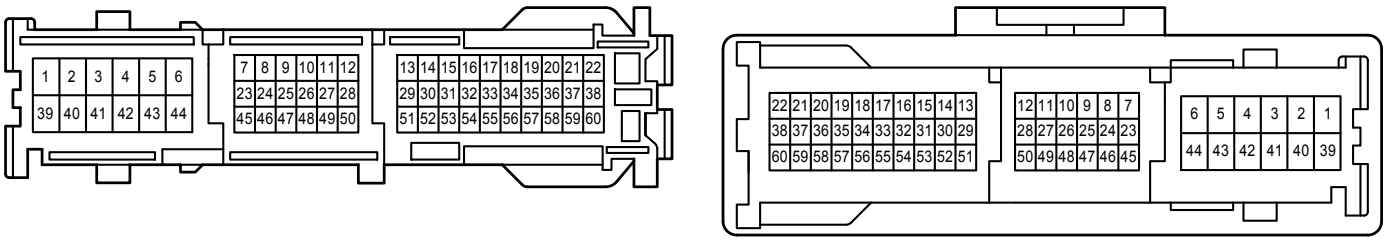

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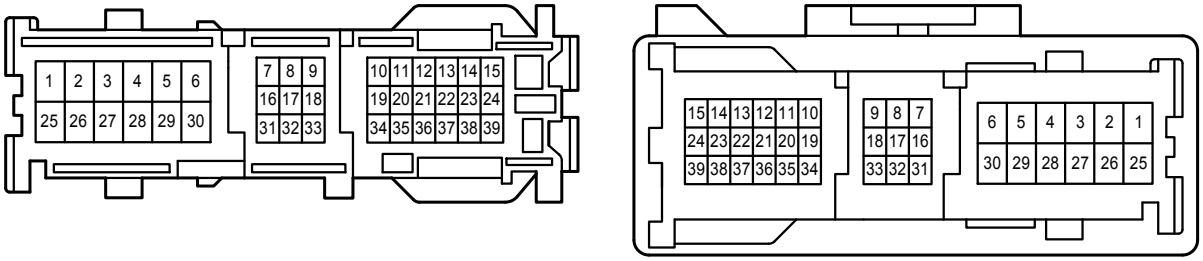

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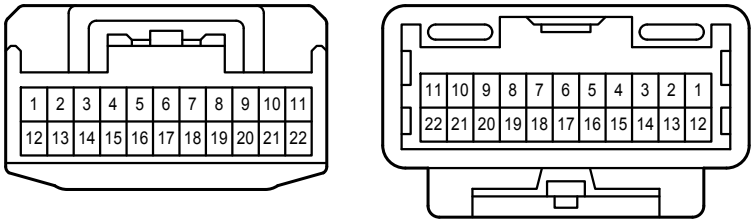

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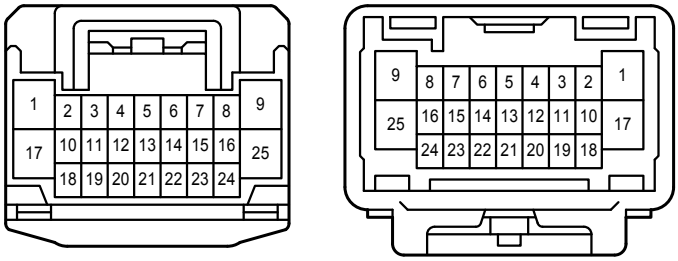

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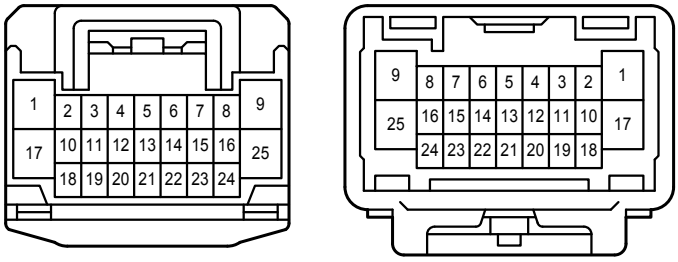

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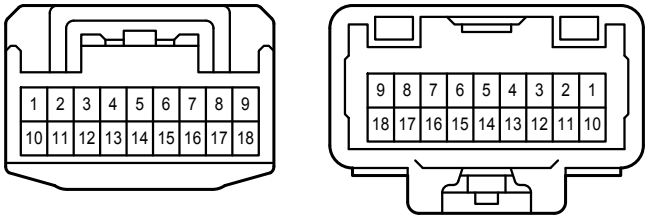

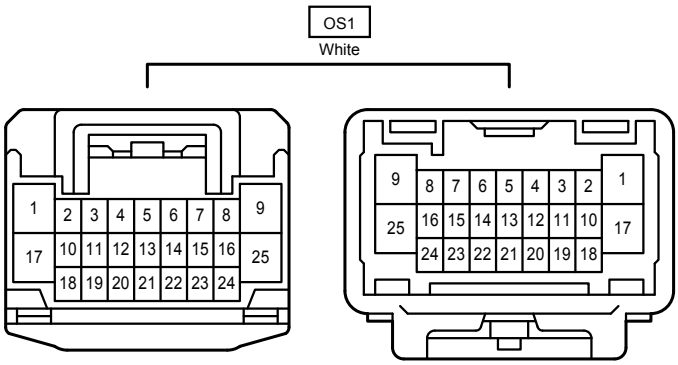
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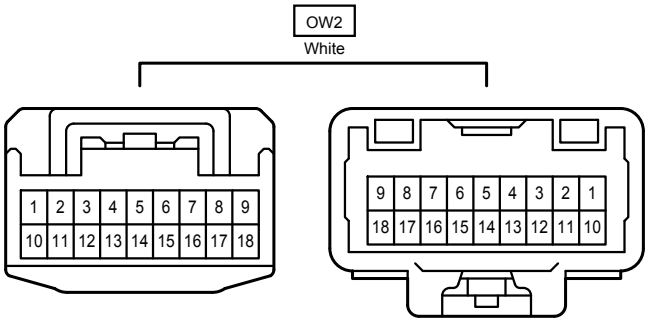
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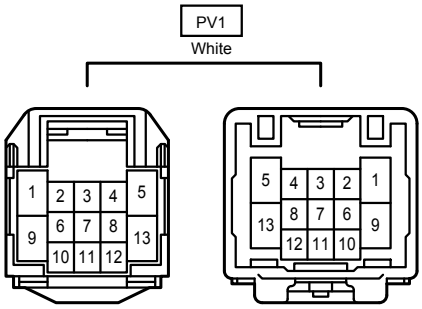
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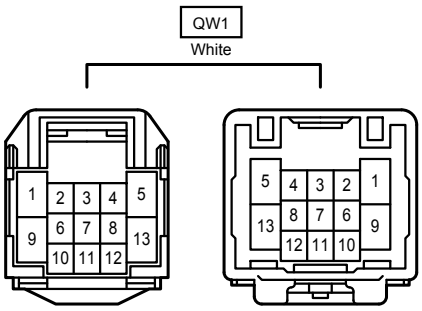
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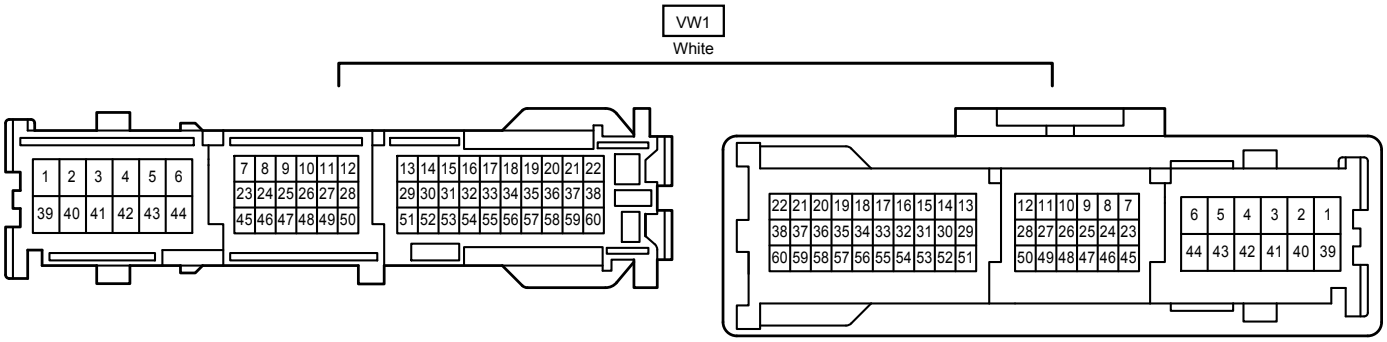
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