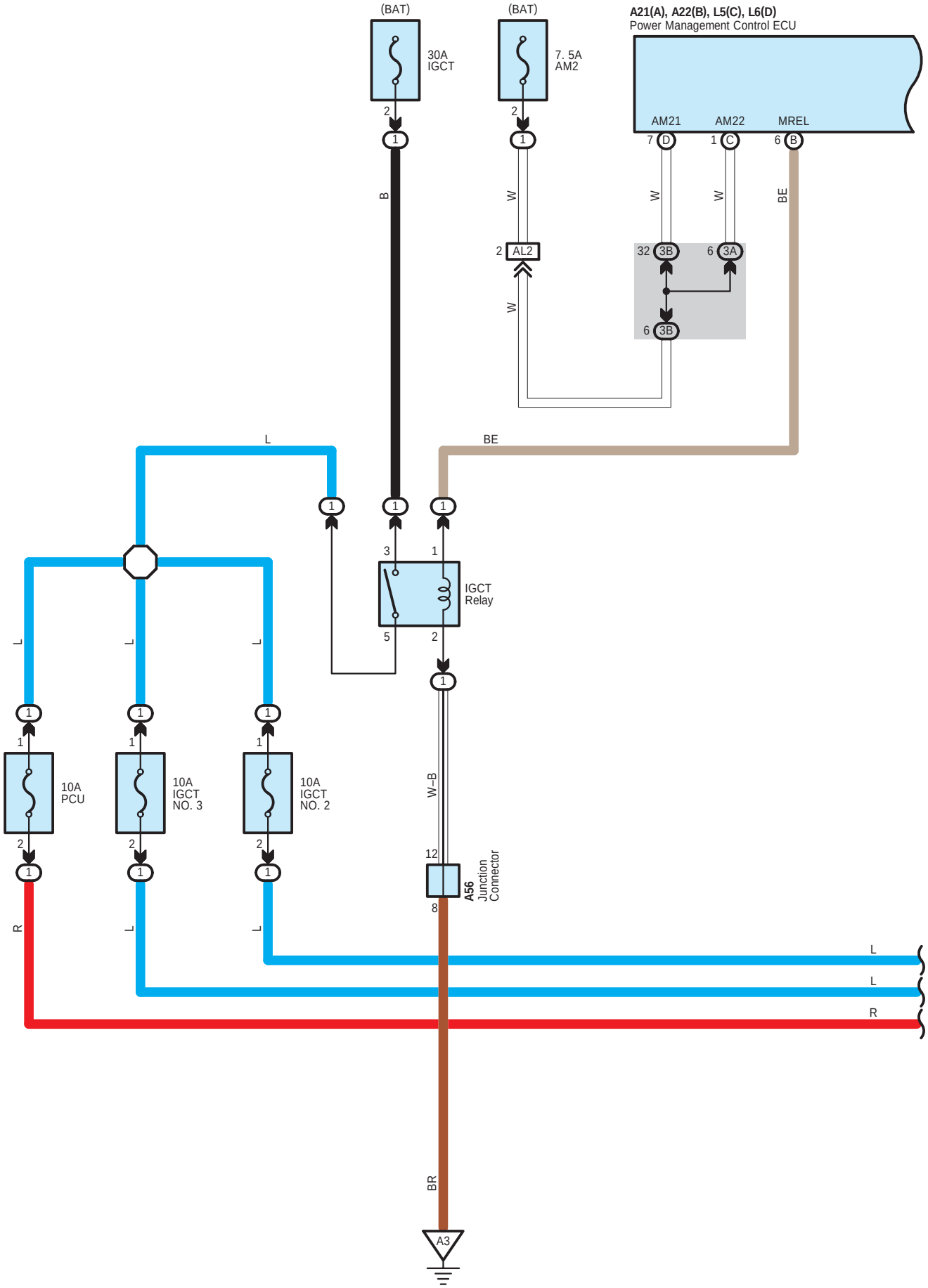
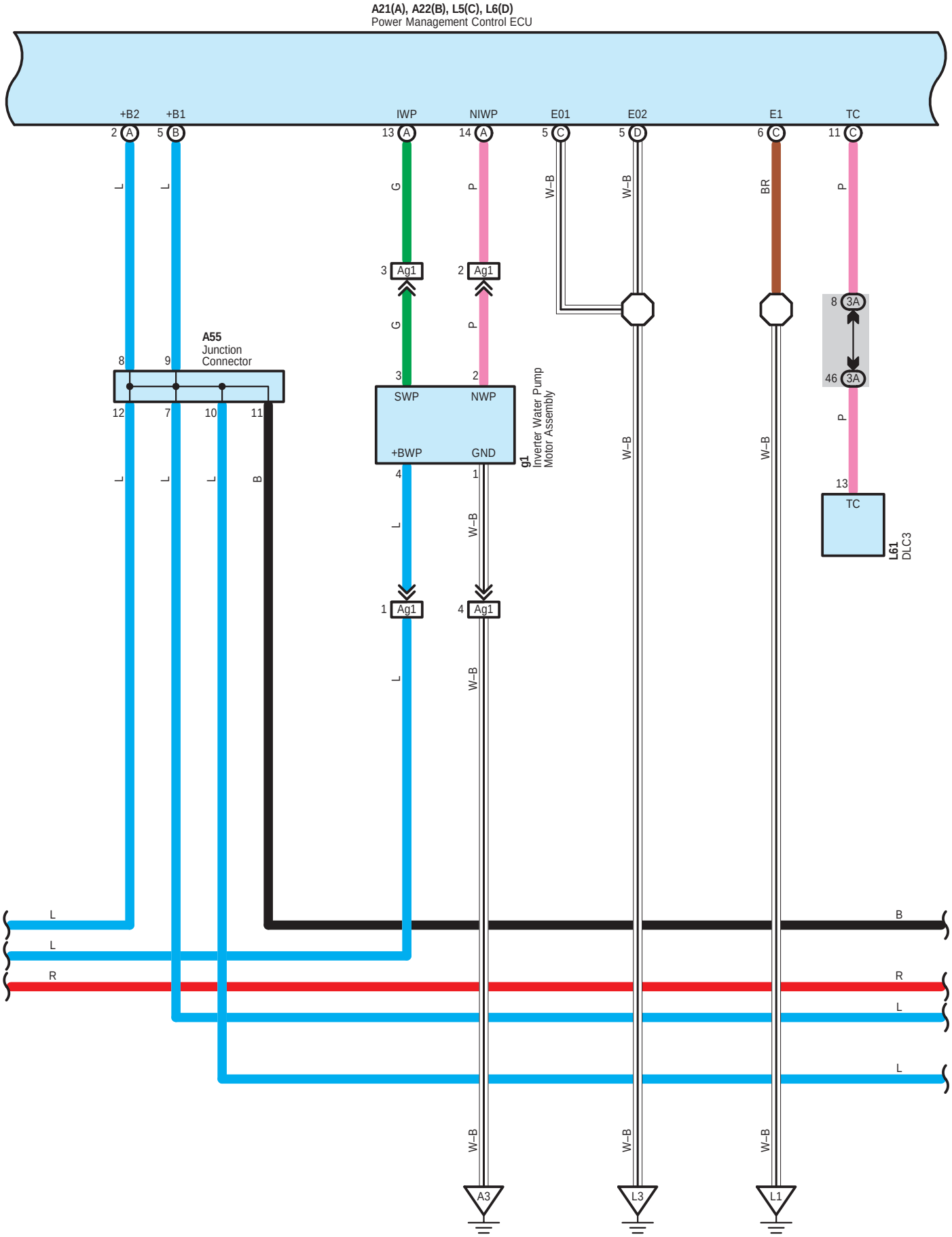
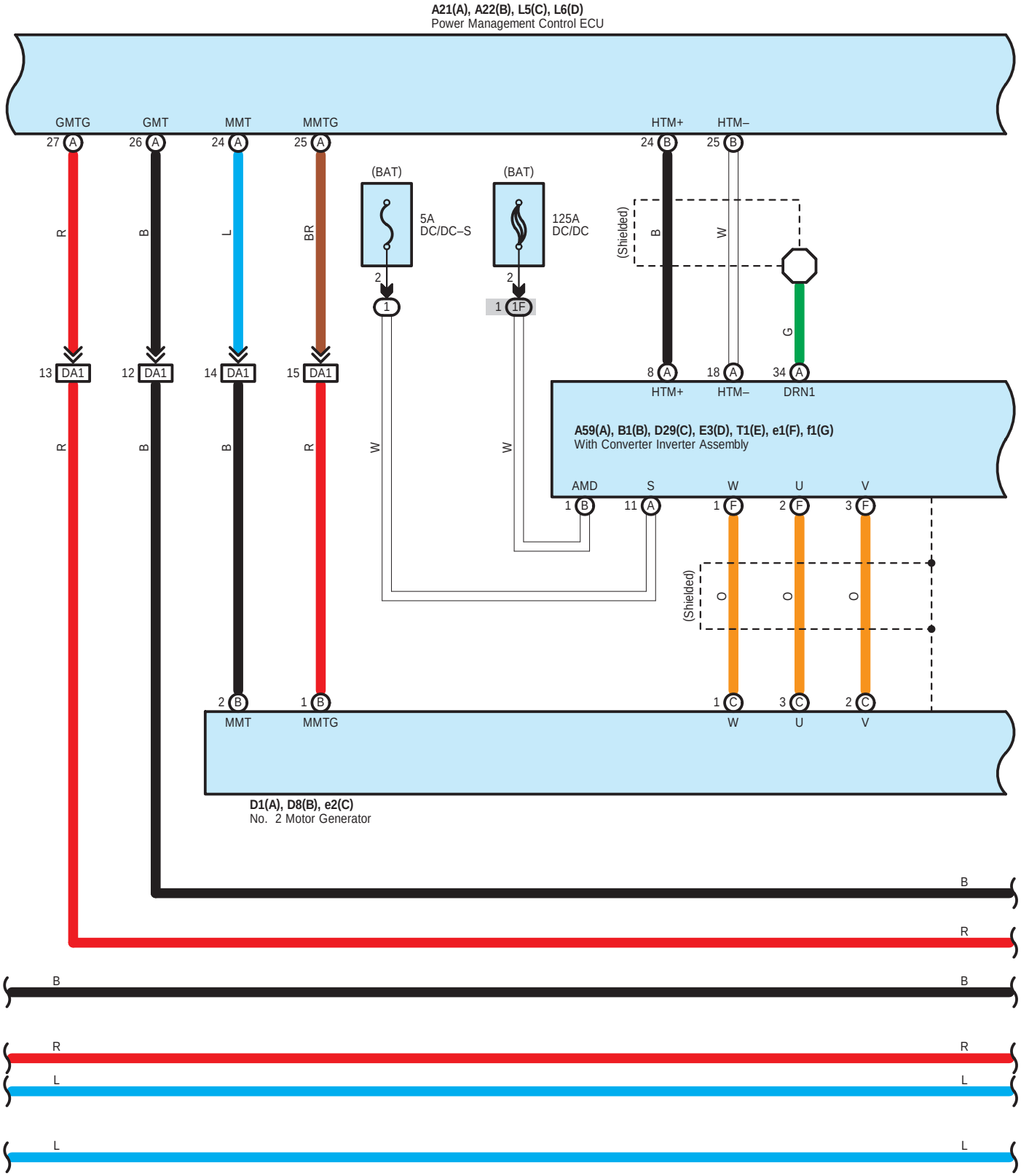
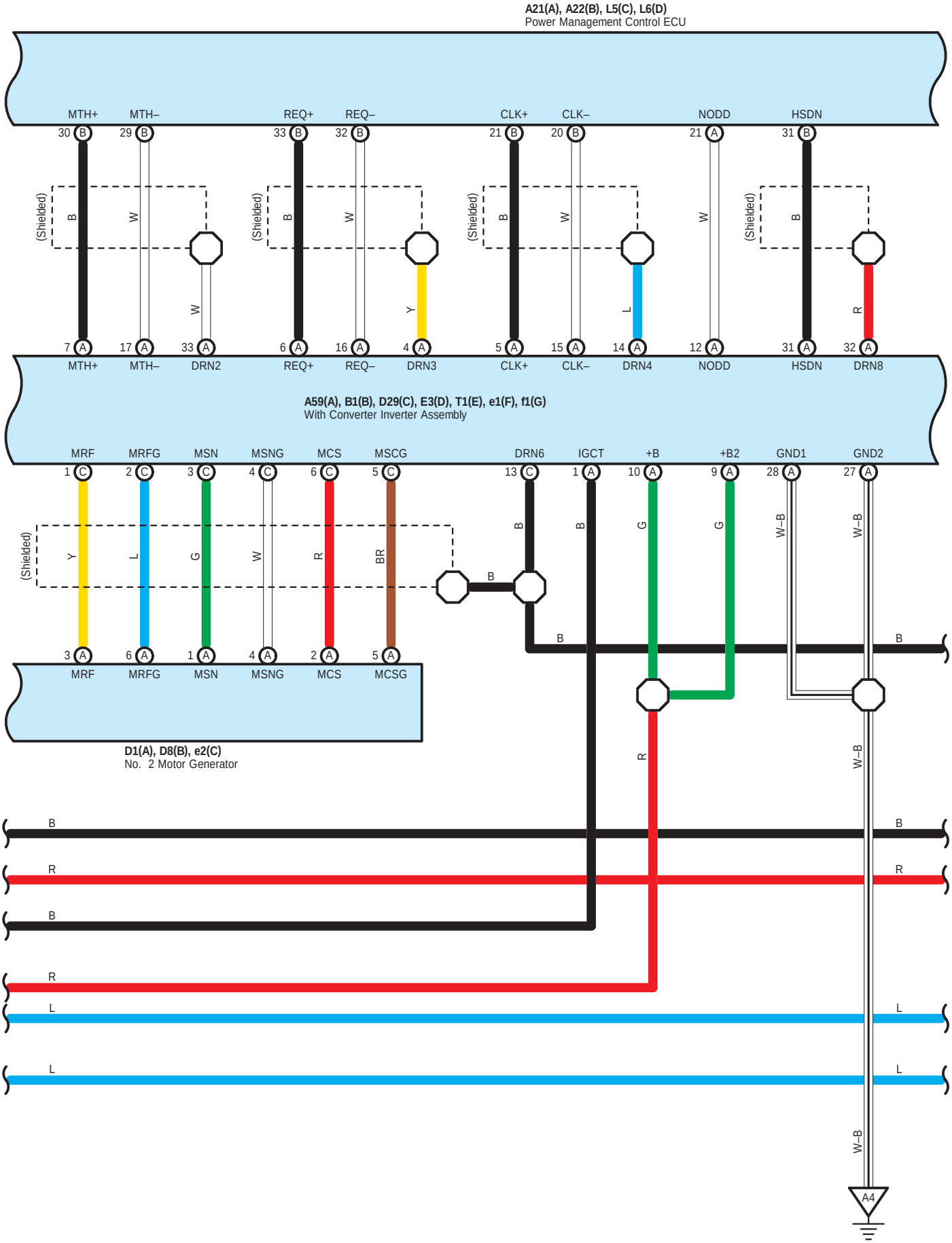
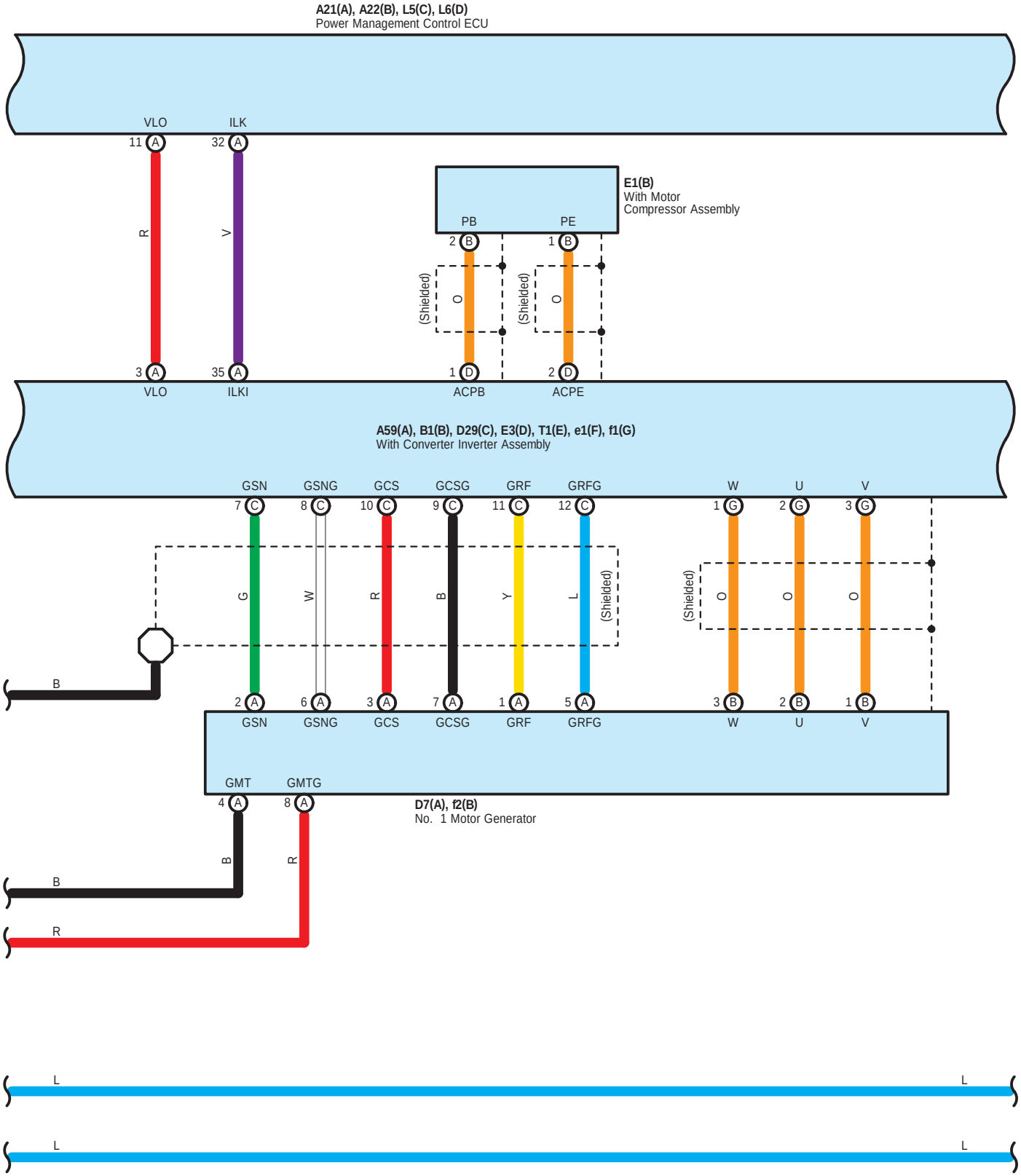
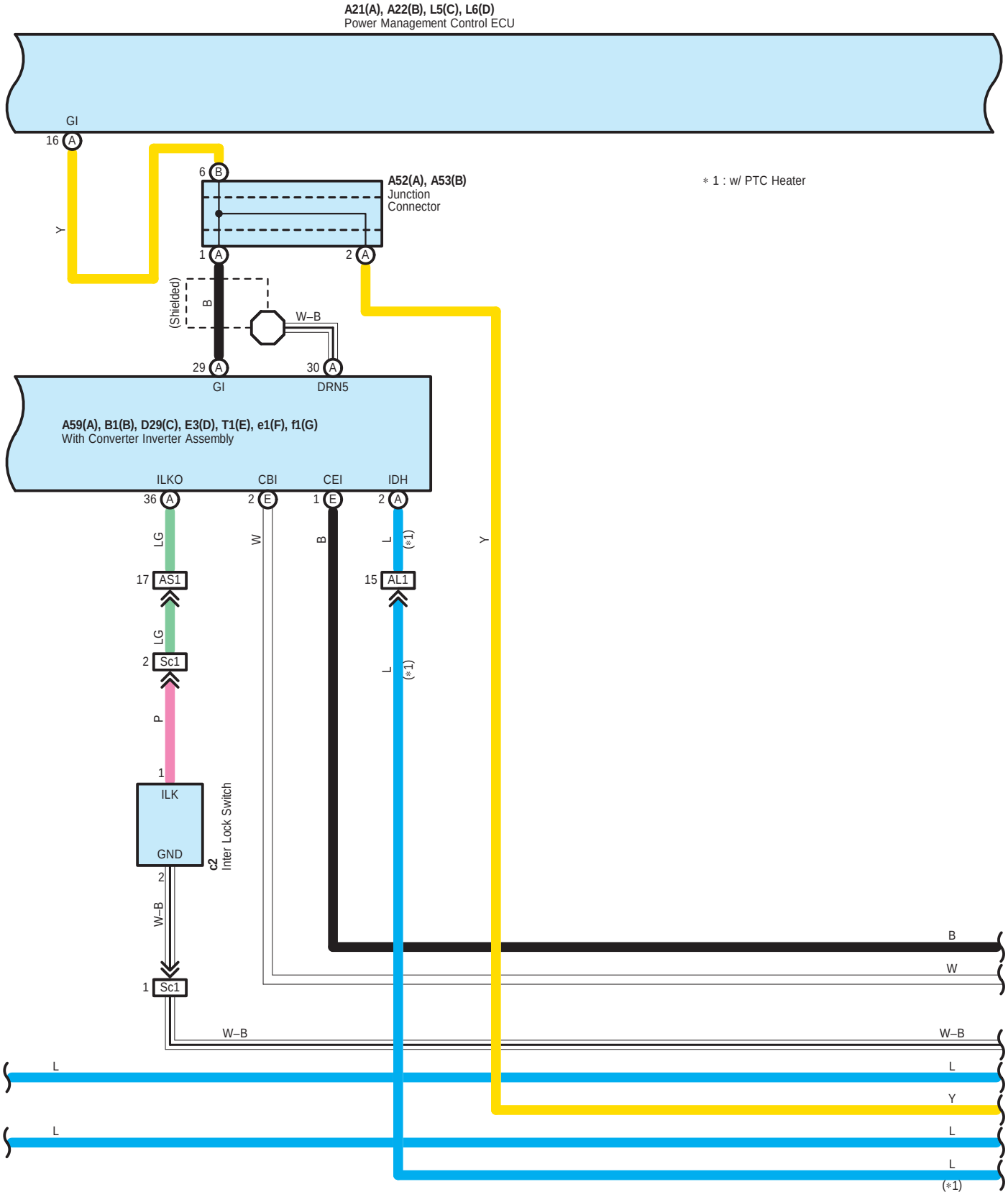

(BAT)
30A
IGCT
(BAT)
7. 5A
AM2
A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU
AM21
AM22
MREL
AL2
3B
3A
IGCT
Relay
10A
PCU
10A
IGCT
NO. 3
10A
IGCT
NO. 2
A56
Junction
Connector
A3
B
W
BE
L
R
W–B
BR

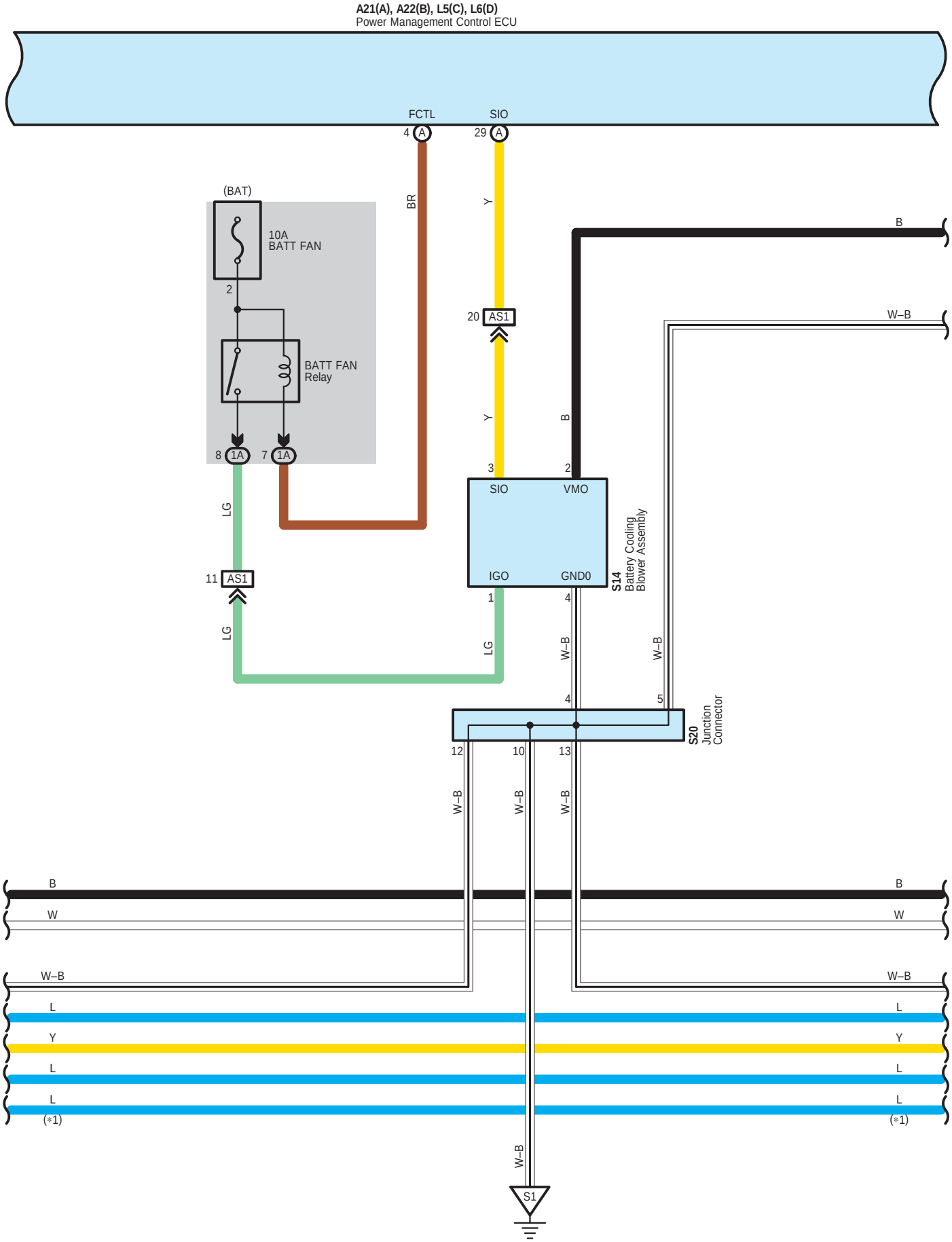

A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU
+B2
+B1
IWP
NIWP
E01
E02
E1
TC
2 A
5 B
13 A
14 A
5 C
5 D
6 C
11 C
L
L
G
P
W–B
W–B
BR
P
3 Ag1
2 Ag1
G
P
8 3A
46 3A
A55
Junction
Connector
8
9
3
2
SWP
NWP
+BWP
GND
g1
Inverter Water Pump
Motor Assembly
P
13
TC
L61
DLC3
12
7
10
11
L
L
L
B
4
1
L
W–B
1 Ag1
4 Ag1
L
W–B
L
B
L
R
R
L
L
W–B
W–B
W–B
A3
L3
L1

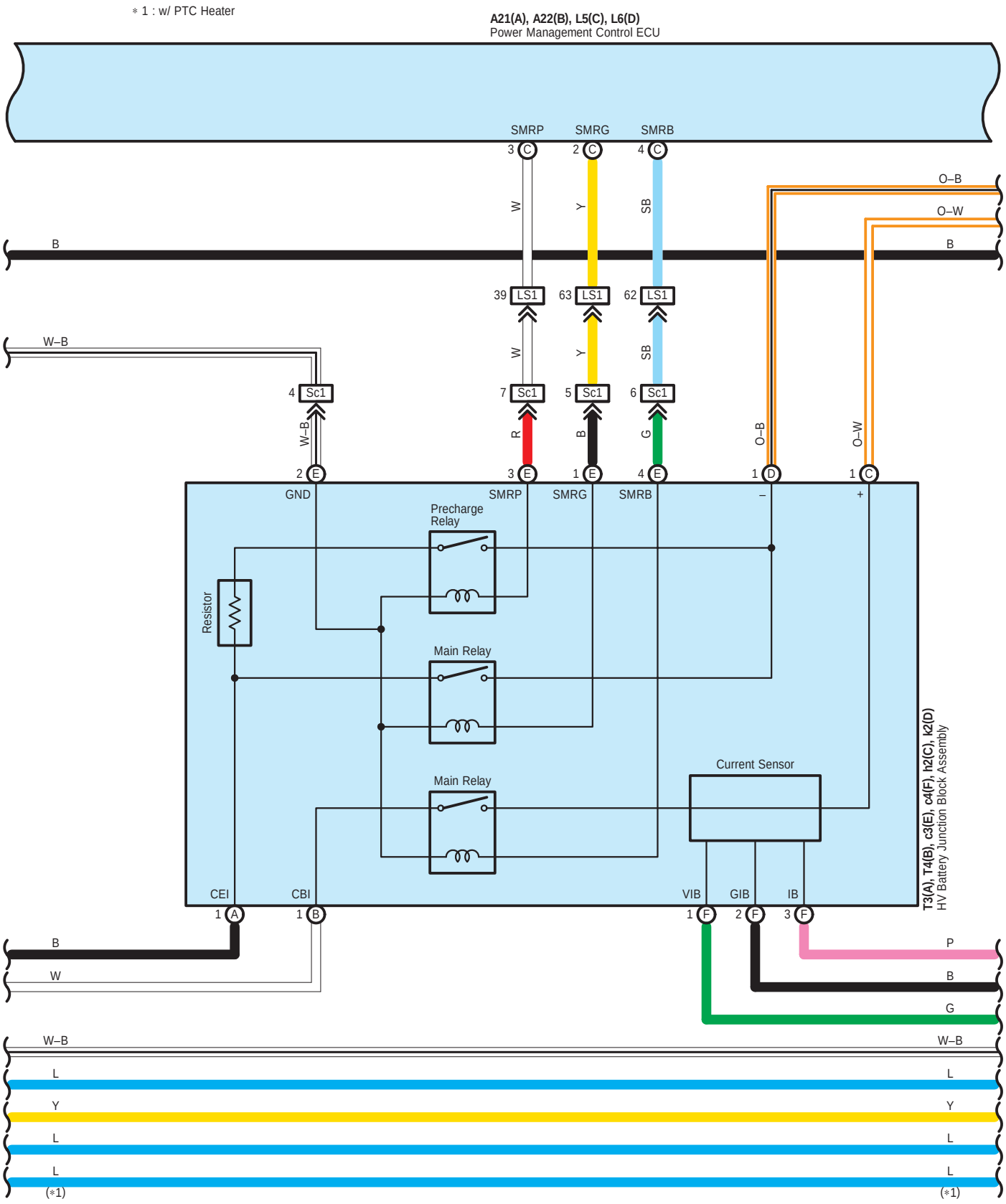

A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU
GMTG
GMT
MMT
MMTG
HTM+
HTM–
27 A
26 A
24 A
25 A
24 B
25 B
R
B
L
BR
(BAT)
5A
DC/DC–S
125A
DC/DC
2
1
1F
(Shielded)
W
G
13 DA1
12 DA1
14 DA1
15 DA1
8 A
18 A
34 A
HTM+
HTM–
DRN1
A59(A), B1(B), D29(C), E3(D), T1(E), e1(F), f1(G)
With Converter Inverter Assembly
AMD
S
W
U
V
1 B
11 A
1 F
2 F
3 F
O
2 B
1 B
1 C
3 C
2 C
MMT
MMTG
D1(A), D8(B), e2(C)
No. 2 Motor Generator

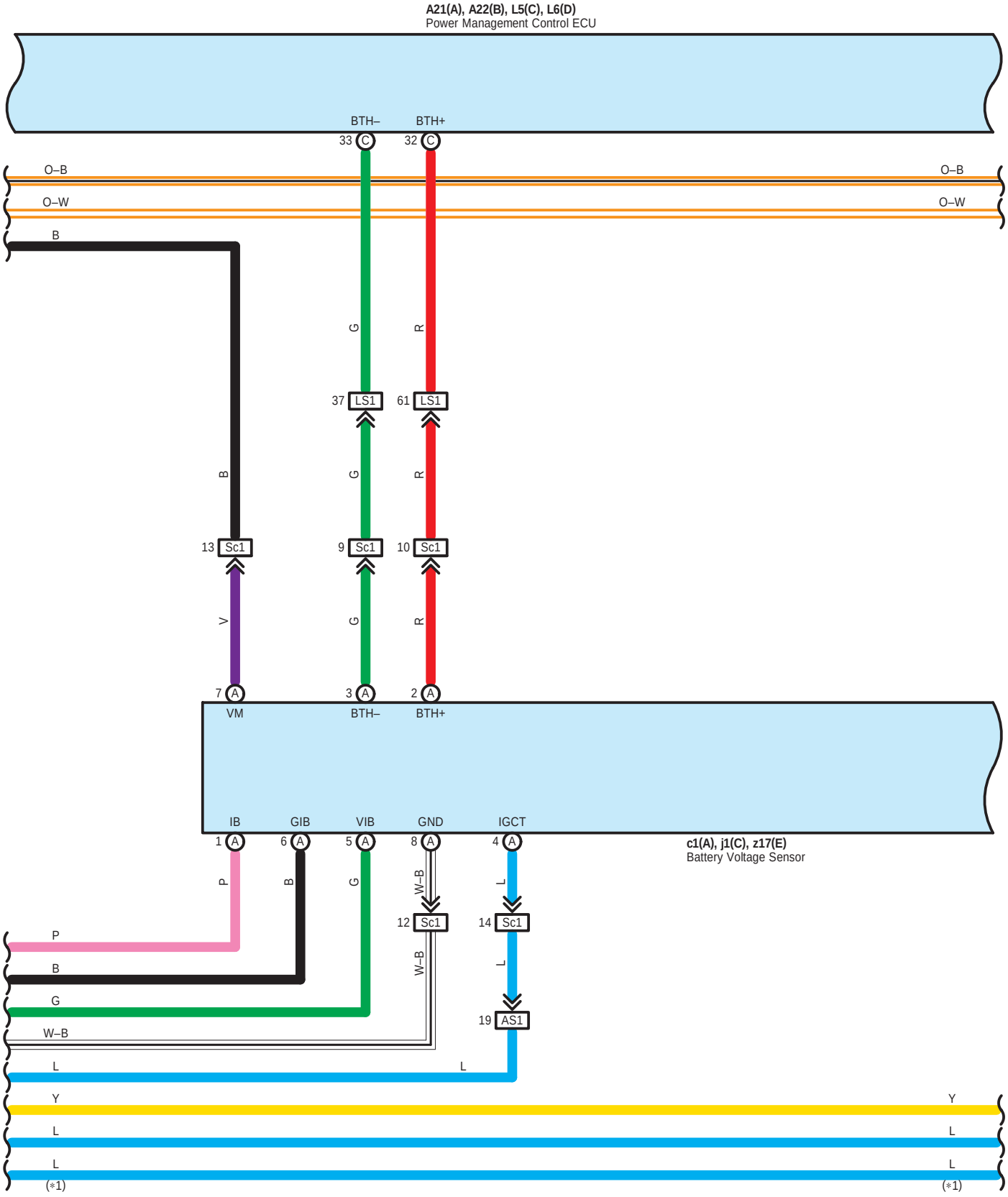

A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU
MTH+
MTH–
REQ+
REQ–
CLK+
CLK–
NODD
HSDN
30 B
29 B
33 B
32 B
21 B
20 B
21 A
31 B
(Shielded)
B
W
W
B
W
Y
B
W
L
W
B
R
7 A
17 A
33 A
6 A
16 A
4 A
5 A
15 A
14 A
12 A
31 A
32 A
MTH+
MTH–
DRN2
REQ+
REQ–
DRN3
CLK+
CLK–
DRN4
NODD
HSDN
DRN8
A59(A), B1(B), D29(C), E3(D), T1(E), e1(F), f1(G)
With Converter Inverter Assembly
MRF
MRFG
MSN
MSNG
MCS
MSCG
DRN6
IGCT
+B
+B2
GND1
GND2
1 C
2 C
3 C
4 C
6 C
5 C
13 C
1 A
10 A
9 A
28 A
27 A
(Shielded)
Y
L
G
W
R
BR
B
B
B
G
G
W–B
W–B
3 A
6 A
1 A
4 A
2 A
5 A
MRF
MRFG
MSN
MSNG
MCS
MCSG
D1(A), D8(B), e2(C)
No. 2 Motor Generator
R
W–B
B
B
R
R
B
R
L
L
L
L
W–B
A4

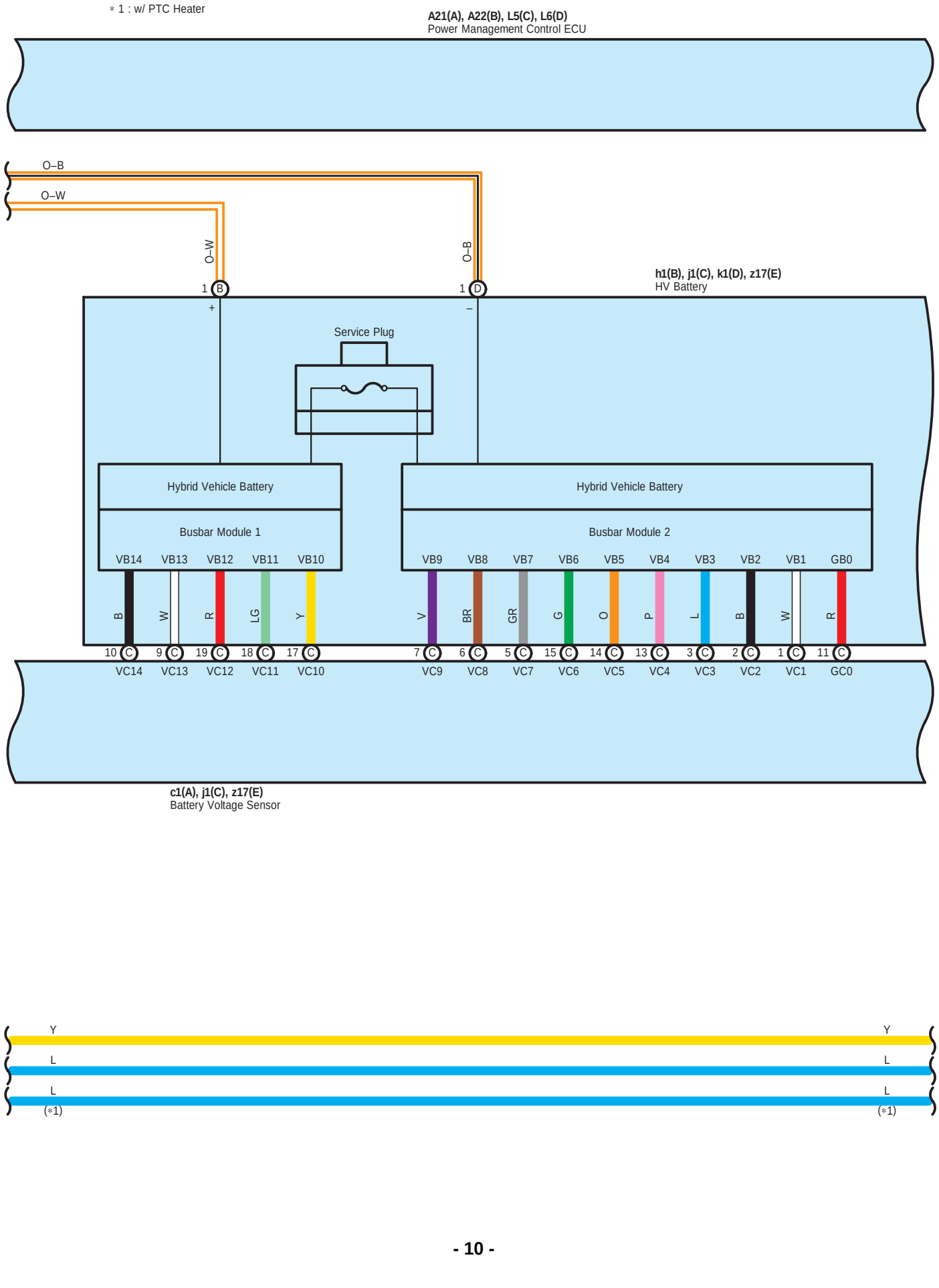

A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU
VLO
ILK
11 A
32 A
R
V
3 A
35 A
VLO
ILKI
E1(B)
With Motor
Compressor Assembly
PB
PE
2 B
1 B
(Shielded)
O
1 D
2 D
ACPB
ACPE
A59(A), B1(B), D29(C), E3(D), T1(E), e1(F), f1(G)
With Converter Inverter Assembly
GSN
GSNG
GCS
GCSG
GRF
GRFG
7 C
8 C
10 C
9 C
11 C
12 C
G
W
R
B
Y
L
(Shielded)
B
2 A
6 A
3 A
7 A
1 A
5 A
GSN
GSNG
GCS
GCSG
GRF
GRFG
W
U
V
1 G
2 G
3 G
O
3 B
2 B
1 B
GMT
GMTG
4 A
8 A
B
R
B
R
D7(A), f2(B)
No. 1 Motor Generator
L
L
L
L

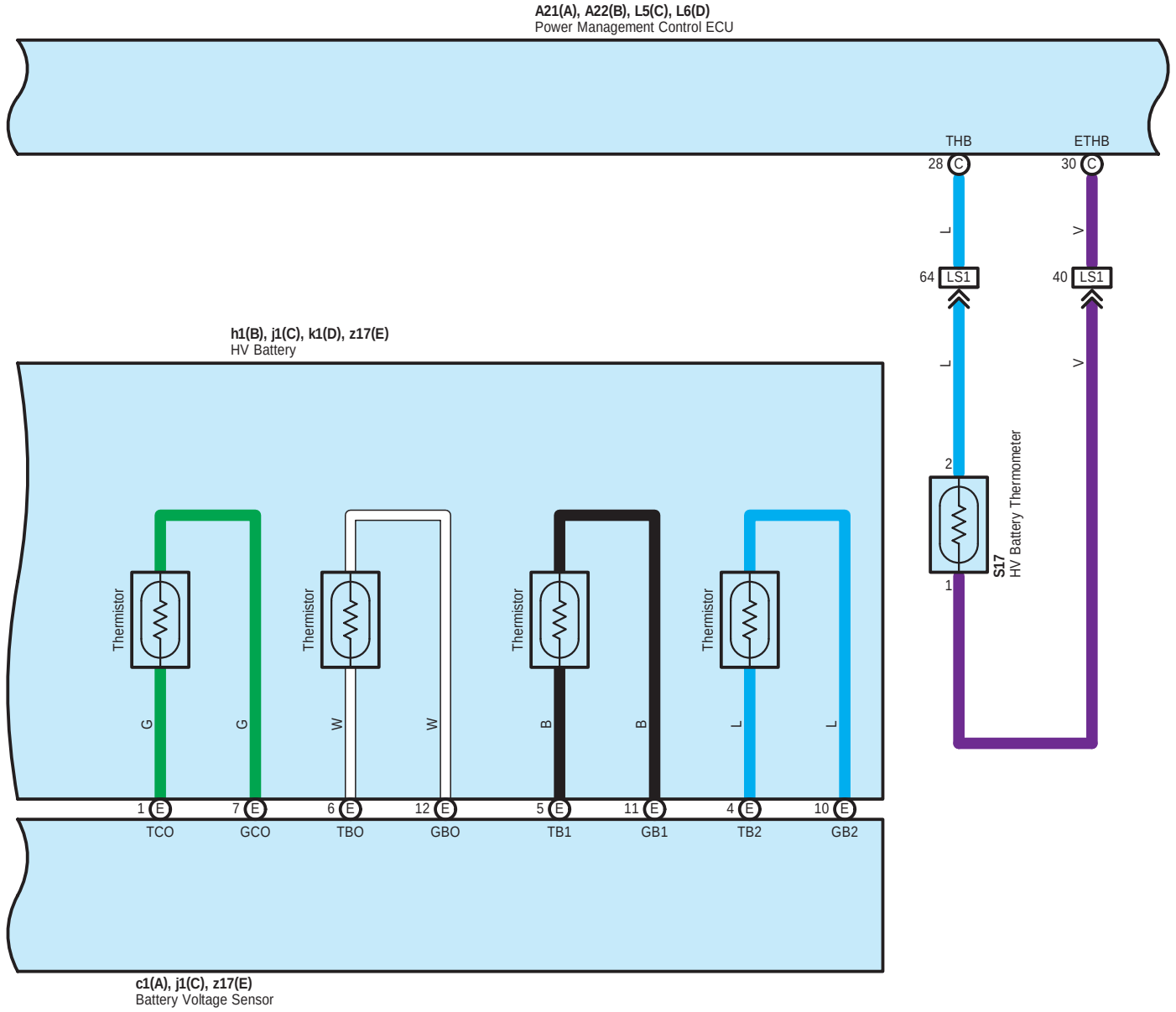

A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU
GI
16 A
Y
6 B
A52(A), A53(B)
Junction
Connector
1 A
2 A
(Shielded)
B
W–B
29 A
30 A
GI
DRN5
∗ 1 : w/ PTC Heater
A59(A), B1(B), D29(C), E3(D), T1(E), e1(F), f1(G)
With Converter Inverter Assembly
ILKO
CBI
CEI
IDH
36 A
2 E
1 E
2 A
LG
W
B
L
(∗1)
Y
17 AS1
15 AL1
LG
2 Sc1
L
(∗1)
P
1
ILK
GND
c2
Inter Lock Switch
2
W–B
1 Sc1
B
W
W–B
W–B
L
L
Y
L
L
L
(∗1)


A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU
FCTL
SIO
4 A
29 A
(BAT)
10A
BATT FAN
2
BATT FAN
Relay
8 1A
7 1A
BR
Y
20 AS1
Y
B
3
2
SIO
VMO
IGO
GND0
S14
Battery Cooling
Blower Assembly
LG
11 AS1
LG
1
LG
4
W–B
W–B
4
5
S20
Junction
Connector
12
10
13
W–B
W–B
W–B
B
W
W–B
L
Y
L
L
(*1)
B
W
W–B
L
Y
L
L
(*1)
W–B
S1

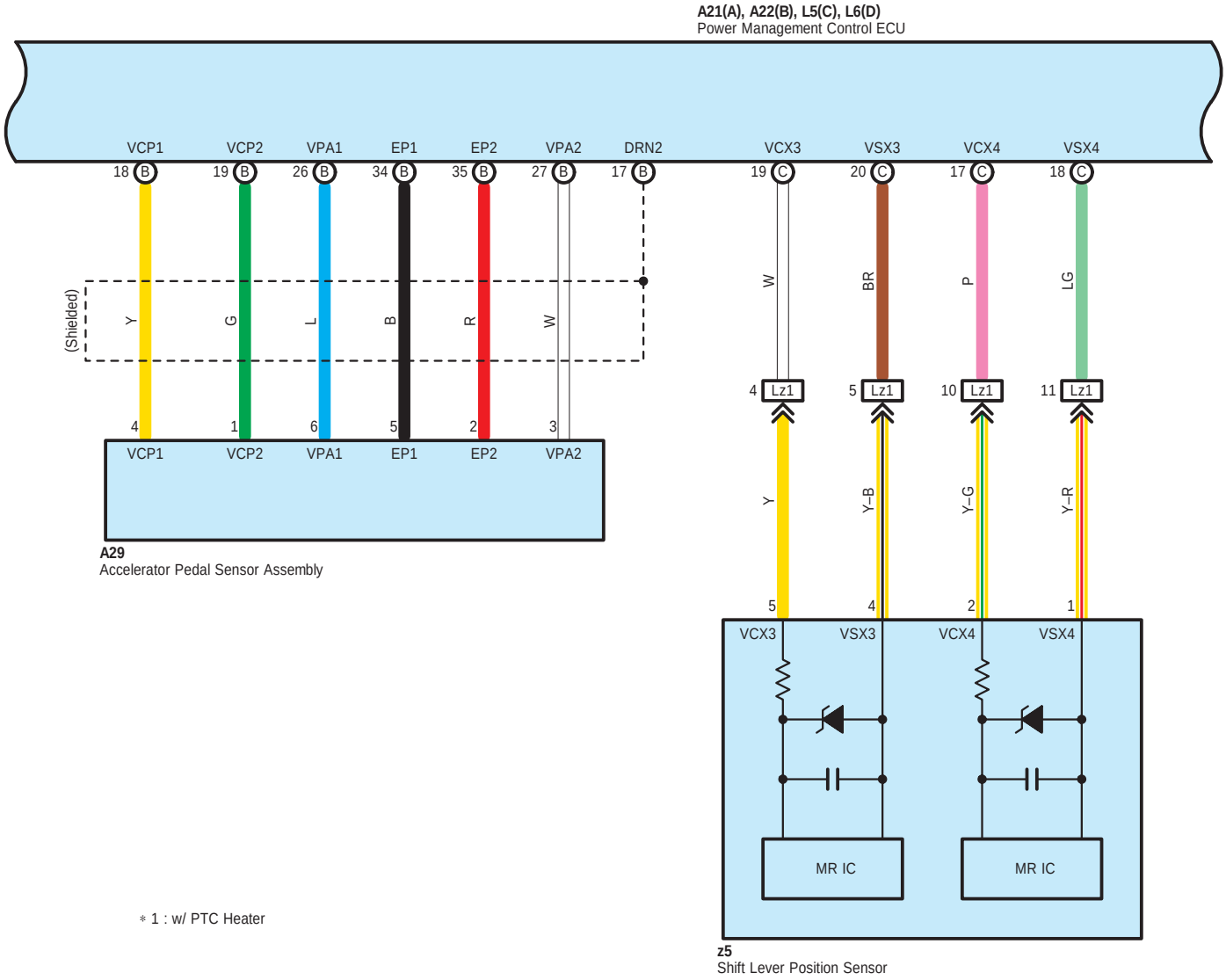

∗ 1 : w/ PTC Heater
A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU
SMRP
SMRG
SMRB
3 C
2 C
4 C
W
Y
SB
O–B
O–W
B
39 LS1
63 LS1
62 LS1
W–B
4 Sc1
7 Sc1
5 Sc1
6 Sc1
W–B
R
B
G
O–B
O–W
2 E
3 E
1 E
4 E
1 D
1 C
GND
SMRP
SMRG
SMRB
–
+
Precharge Relay
Resistor
Main Relay
Main Relay
Current Sensor
T3(A), T4(B), c3(E), c4(F), h2(C), k2(D)
HV Battery Junction Block Assembly
CEI
CBI
VIB
GIB
IB
1 A
1 B
1 F
2 F
3 F
B
W
P
B
G
W–B
W–B
L
L
Y
Y
L
L
L
L
(∗1)
(∗1)


A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU
BTH–
BTH+
33 C
32 C
O–B
O–W
B
G
R
37 LS1
61 LS1
13 Sc1
9 Sc1
10 Sc1
V
7 A
3 A
2 A
VM
BTH–
BTH+
IB
GIB
VIB
GND
IGCT
1 A
6 A
5 A
8 A
4 A
P
W–B
L
12 Sc1
14 Sc1
19 AS1
c1(A), j1(C), z17(E)
Battery Voltage Sensor
Y
(*1)


* 1 : w/ PTC Heater
A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU
O–B
O–W
O–W
O–B
1 B
1 D
+
–
h1(B), j1(C), k1(D), z17(E)
HV Battery
Service Plug
Hybrid Vehicle Battery
Busbar Module 1
Hybrid Vehicle Battery
Busbar Module 2
VB14 VB13 VB12 VB11 VB10
VB9 VB8 VB7 VB6 VB5 VB4 VB3 VB2 VB1 GB0
B W R LG Y
V BR GR G O P L B W R
10 C 9 C 19 C 18 C 17 C
7 C 6 C 5 C 15 C 14 C 13 C 3 C 2 C 1 C 11 C
VC14 VC13 VC12 VC11 VC10
VC9 VC8 VC7 VC6 VC5 VC4 VC3 VC2 VC1 GC0
c1(A), j1(C), z17(E)
Battery Voltage Sensor
Y
L
L
(*1)
Y
L
L
(*1)


A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU
THB
ETHB
28 C
30 C
L
V
64 LS1
40 LS1
L
V
2
1
S17
HV Battery Thermometer
h1(B), j1(C), k1(D), z17(E)
HV Battery
Thermistor
Thermistor
Thermistor
Thermistor
G
G
W
W
B
B
L
L
1 E
7 E
6 E
12 E
5 E
11 E
4 E
10 E
TCO
GCO
TBO
GBO
TB1
GB1
TB2
GB2
c1(A), j1(C), z17(E)
Battery Voltage Sensor

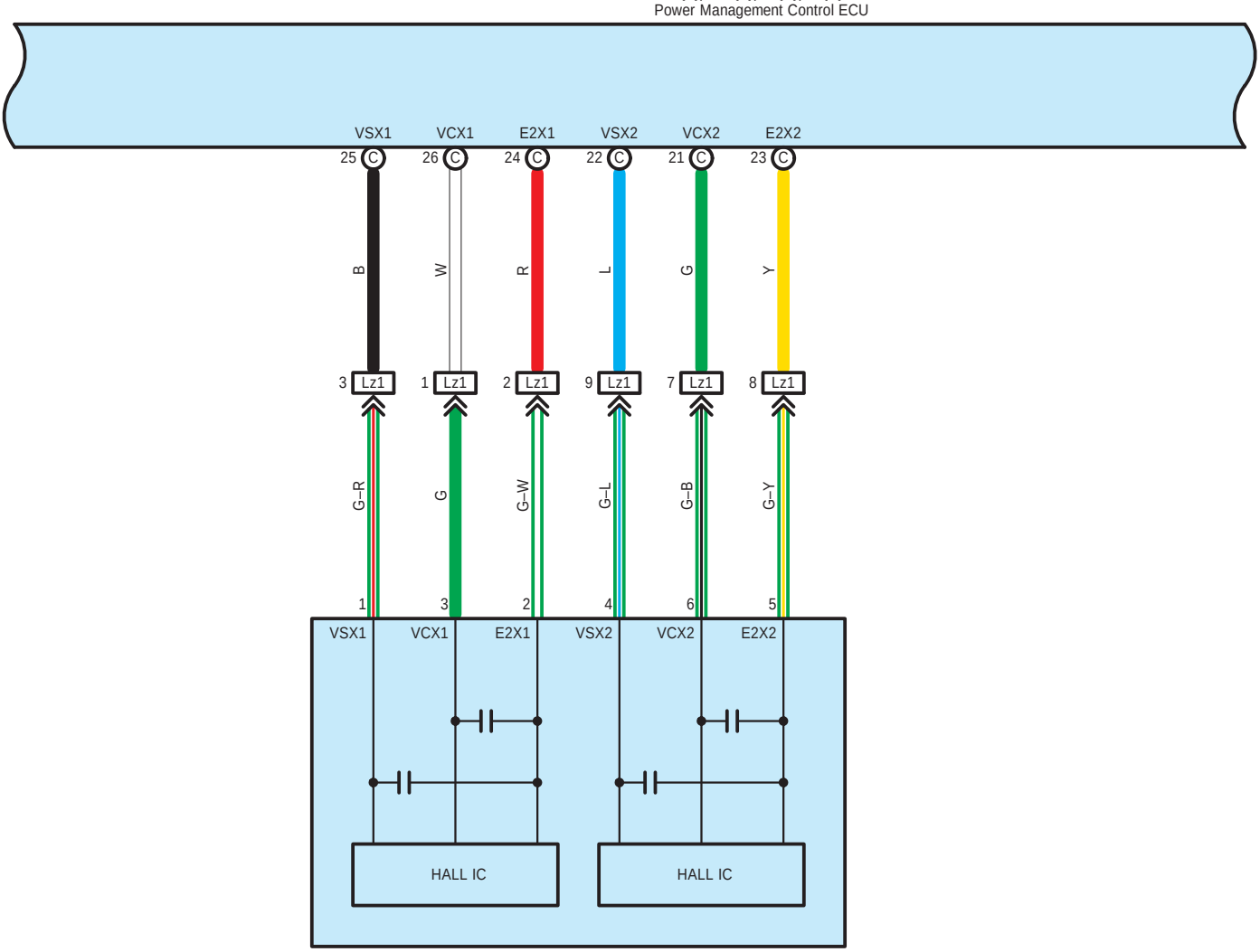

Y
L
L
(*1)
Y
L
L
(*1)



∗ 1 : w/ PTC Heater

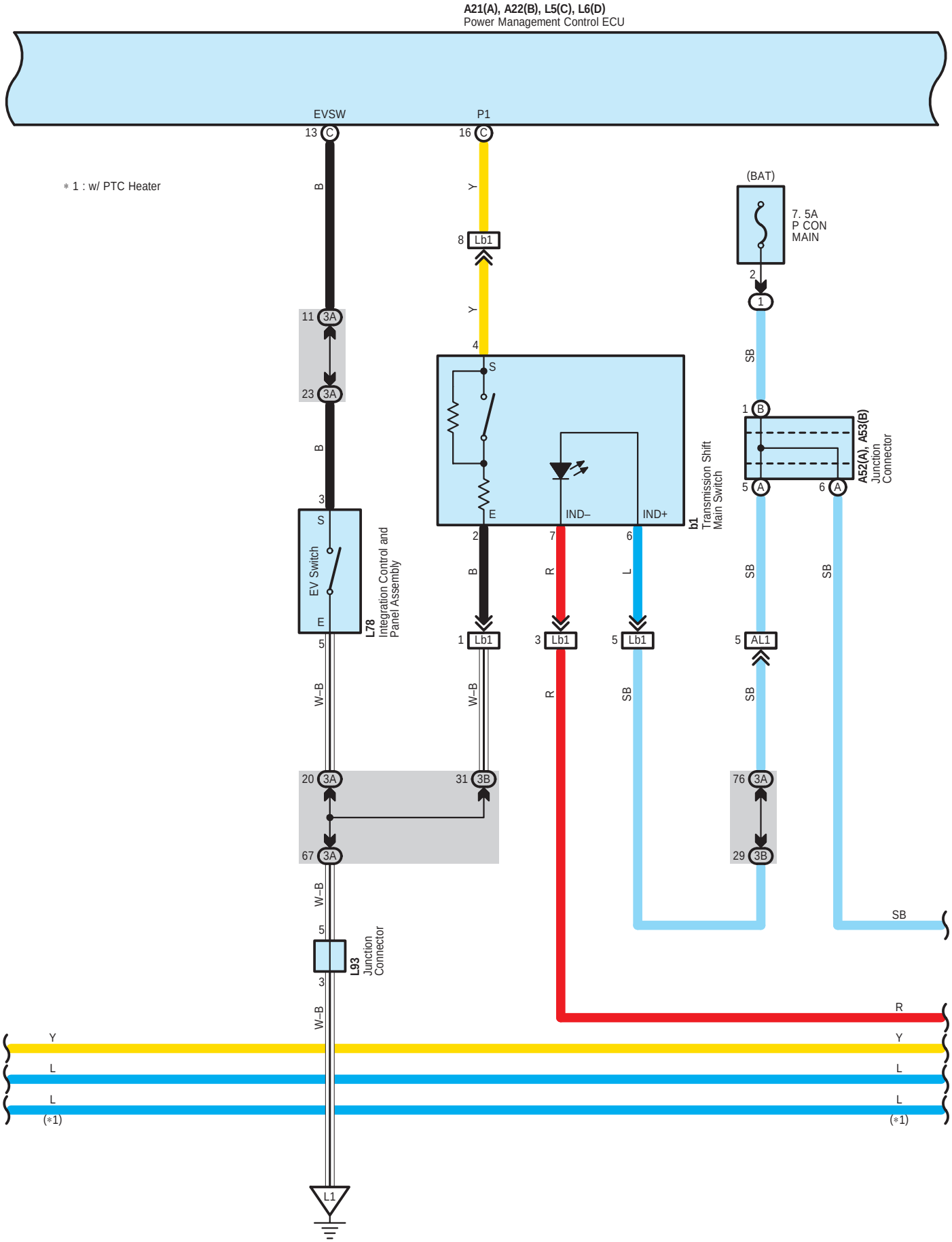


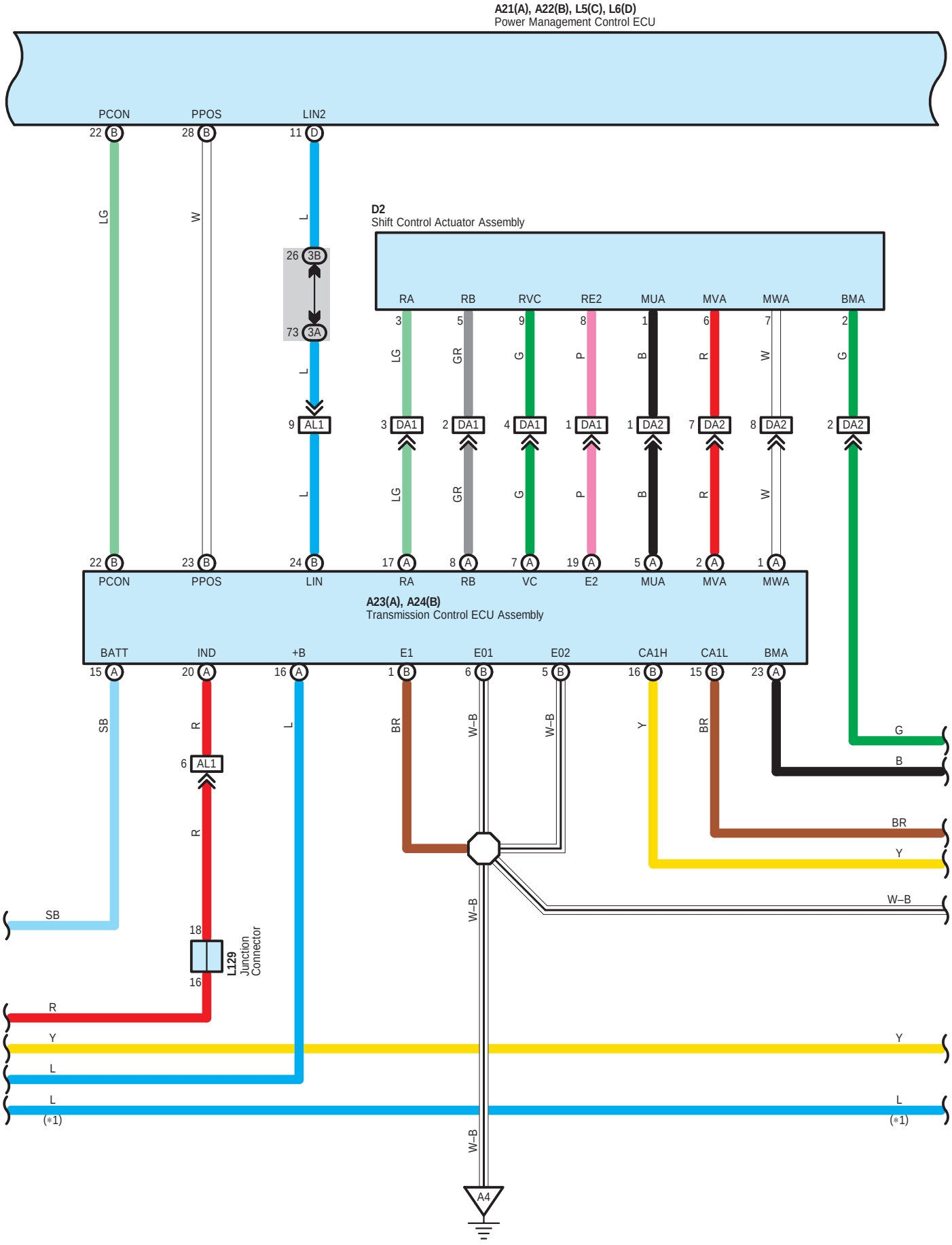
A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU



z6
No. 2 Lever Position Sensor

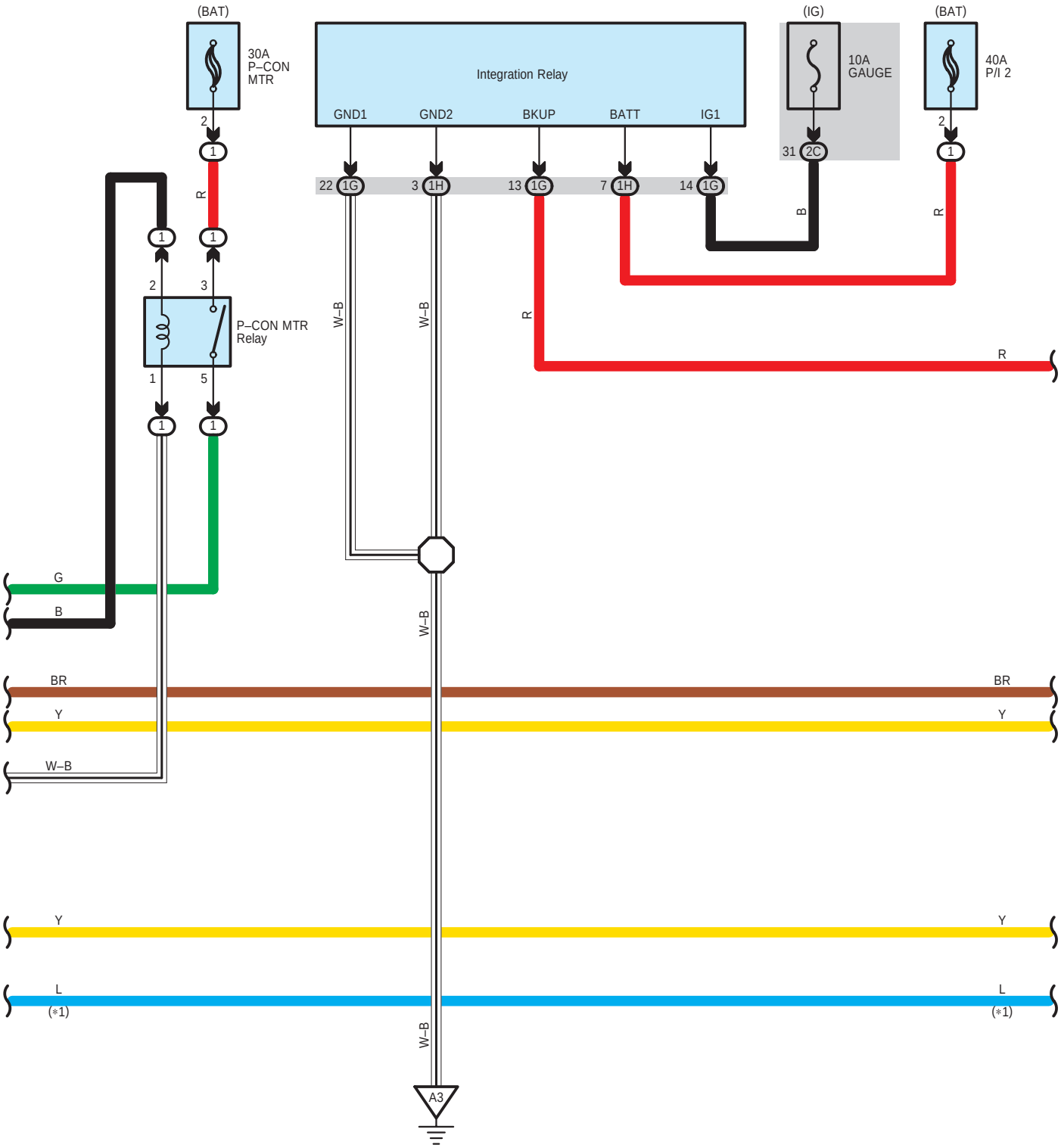


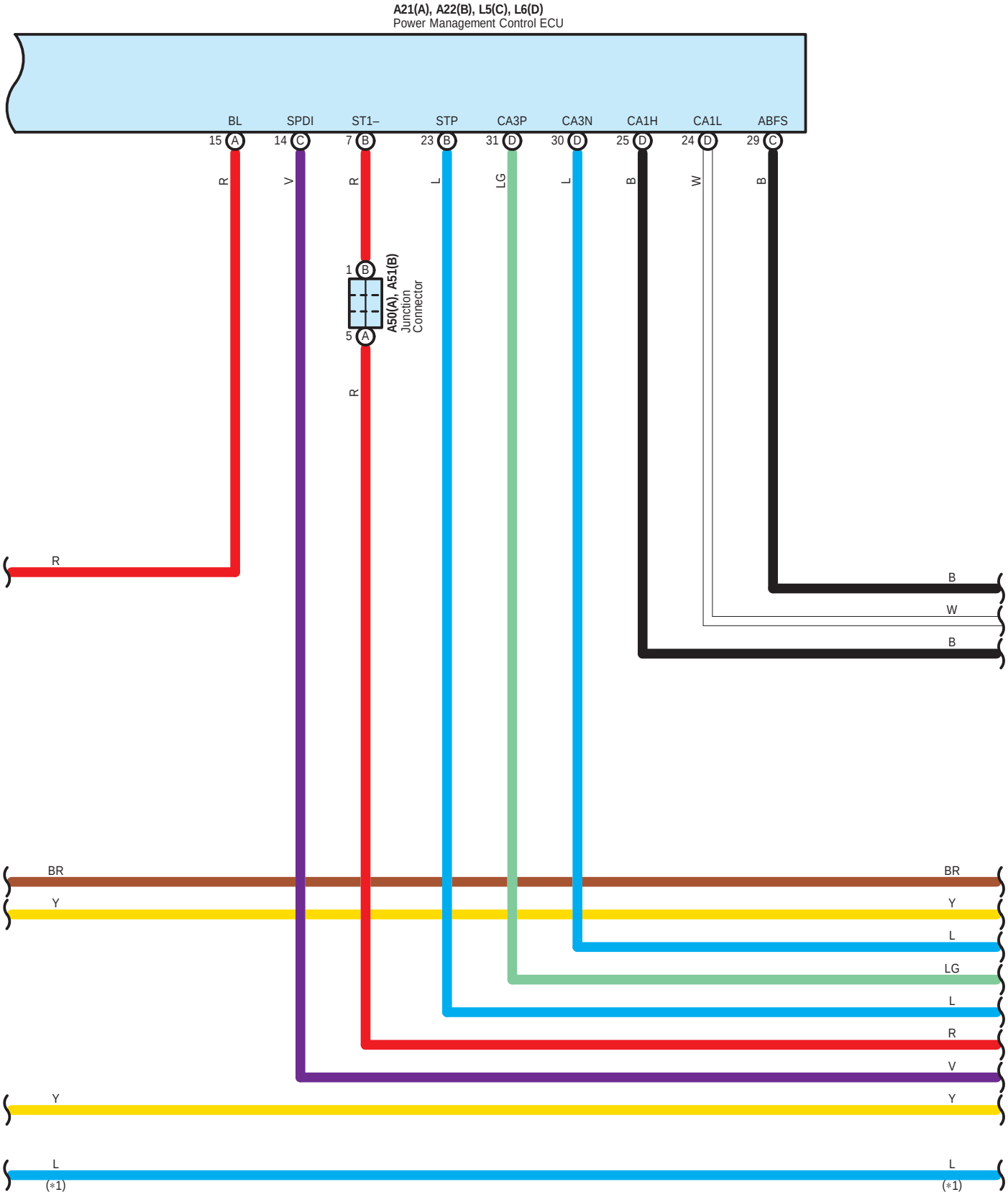

A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU
EVSW
P1
13 C
16 C
∗ 1 : w/ PTC Heater
B
Y
8 Lb1
Y
4
11 3A
23 3A
B
3
S
EV Switch
E
5
L78
Integration Control and
Panel Assembly
S
E
IND–
IND+
2
7
6
b1
Transmission Shift
Main Switch
B
R
L
1 Lb1
3 Lb1
5 Lb1
W–B
R
SB
(BAT)
7. 5A
P CON
MAIN
2
1
SB
1 B
5 A
6 A
A52(A), A53(B)
Junction
Connector
SB
SB
5 AL1
SB
20 3A
31 3B
76 3A
67 3A
29 3B
W–B
5
L93
Junction
Connector
3
W–B
SB
R
Y
L
L
(∗1)
Y
L
L
(∗1)
L1

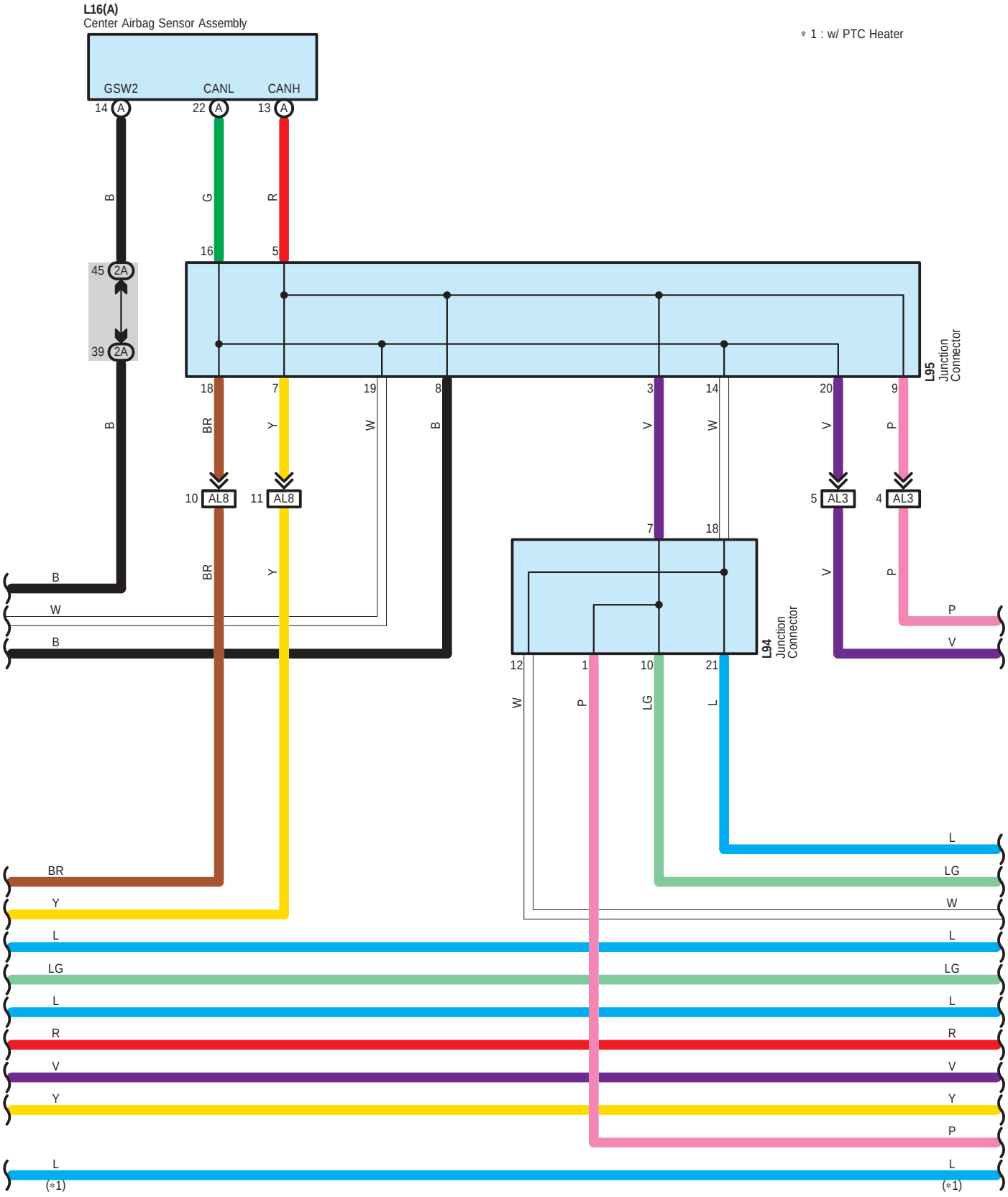

A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU
PCON
PPOS
LIN2
22 B
28 B
11 D
LG
W
L
26 3B
73 3A
L
9 AL1
L
D2
Shift Control Actuator Assembly
RA
RB
RVC
RE2
MUA
MVA
MWA
BMA
3
5
9
8
1
6
7
2
LG
GR
G
P
B
R
W
G
3 DA1
2 DA1
4 DA1
1 DA1
1 DA2
7 DA2
8 DA2
2 DA2
LG
GR
G
P
B
R
W
22 B
23 B
24 B
17 A
8 A
7 A
19 A
5 A
2 A
1 A
PCON
PPOS
LIN
RA
RB
VC
E2
MUA
MVA
MWA
A23(A), A24(B)
Transmission Control ECU Assembly
BATT
IND
+B
E1
E01
E02
CA1H
CA1L
BMA
15 A
20 A
16 A
1 B
6 B
5 B
16 B
15 B
23 A
SB
R
L
BR
W–B
W–B
Y
BR
G
B
6 AL1
R
BR
Y
W–B
SB
18
16
L129
Junction
Connector
R
Y
L
L
(*1)
W–B
Y
L
(*1)
W–B
A4

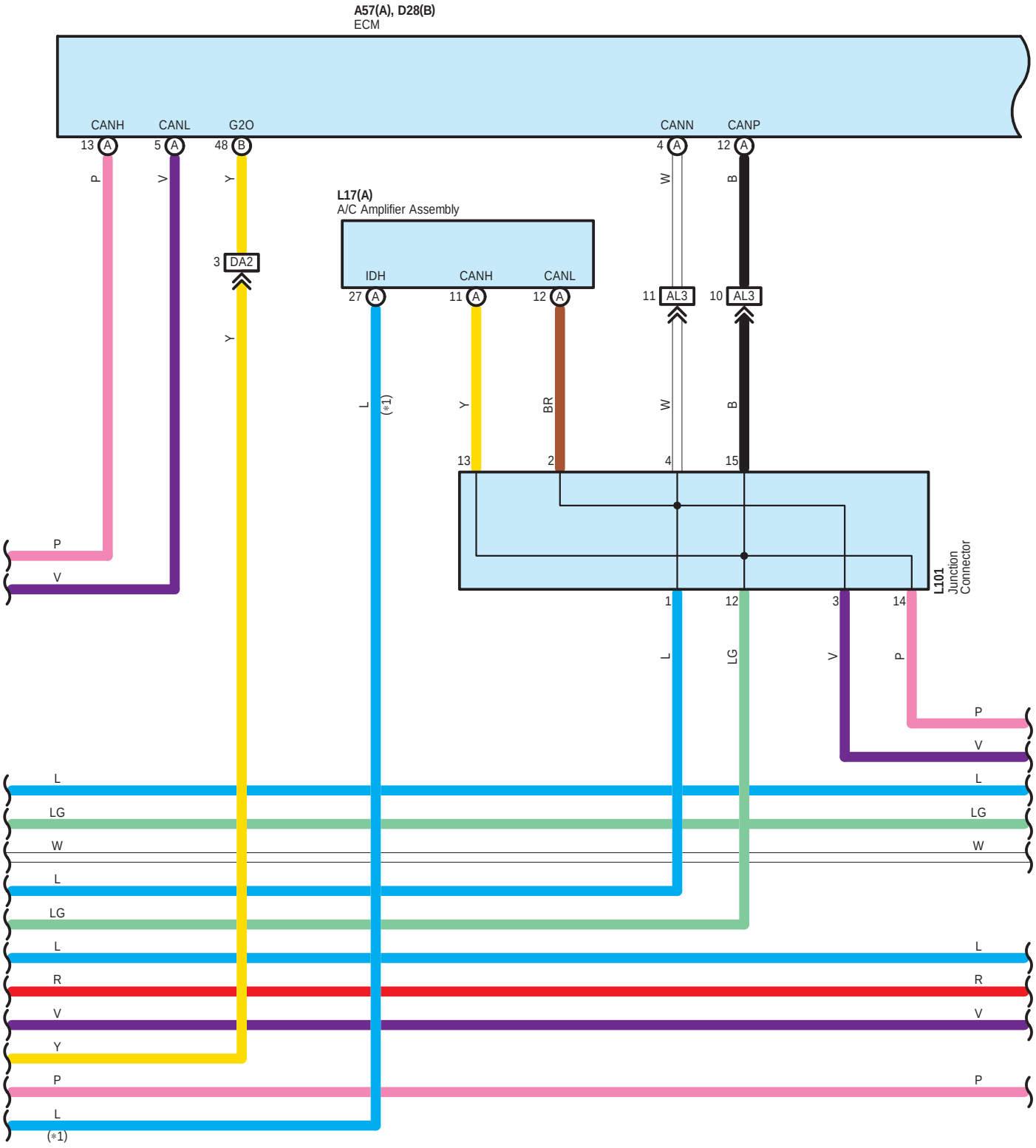
A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU

∗ 1 : w/ PTC Heater

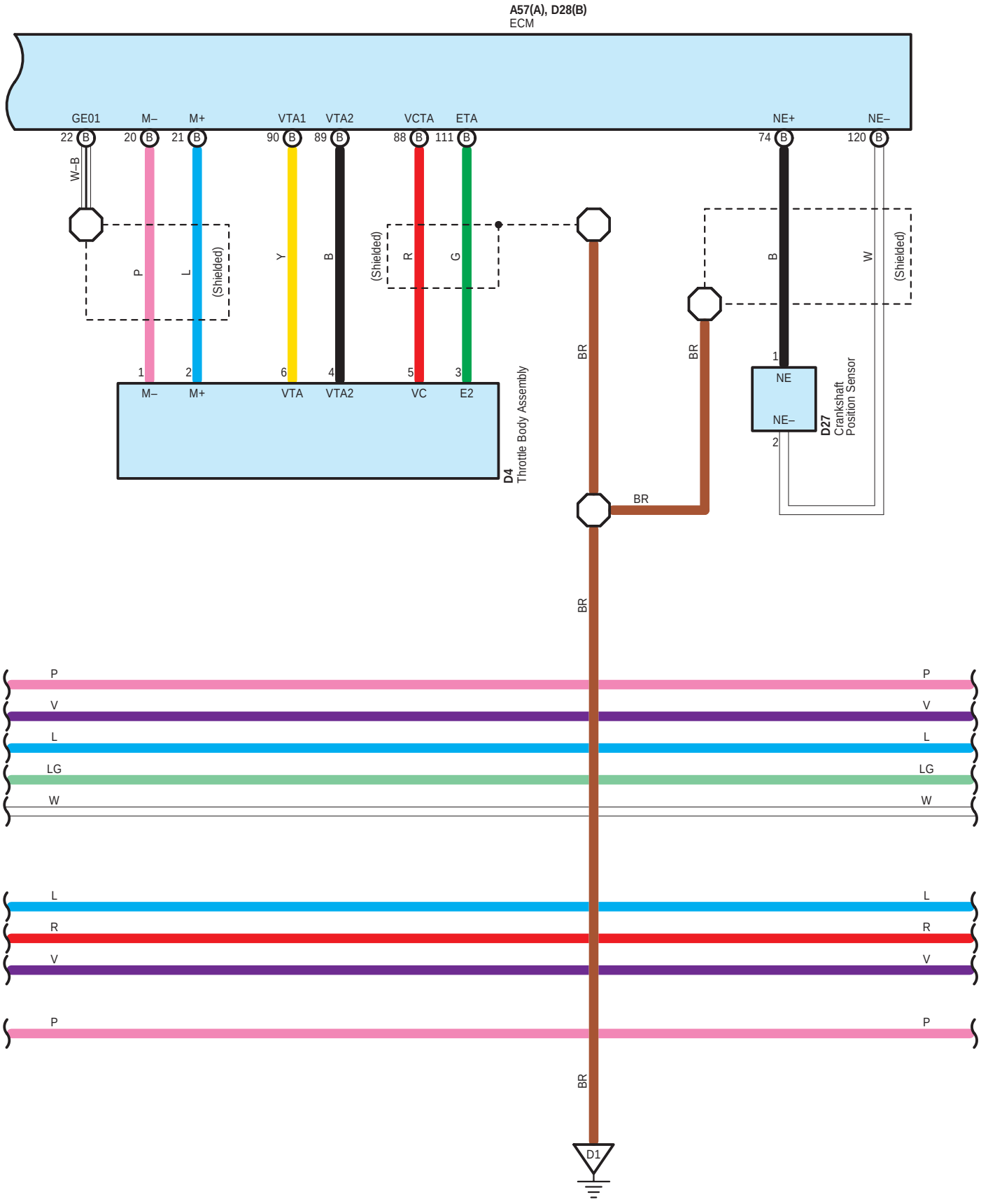


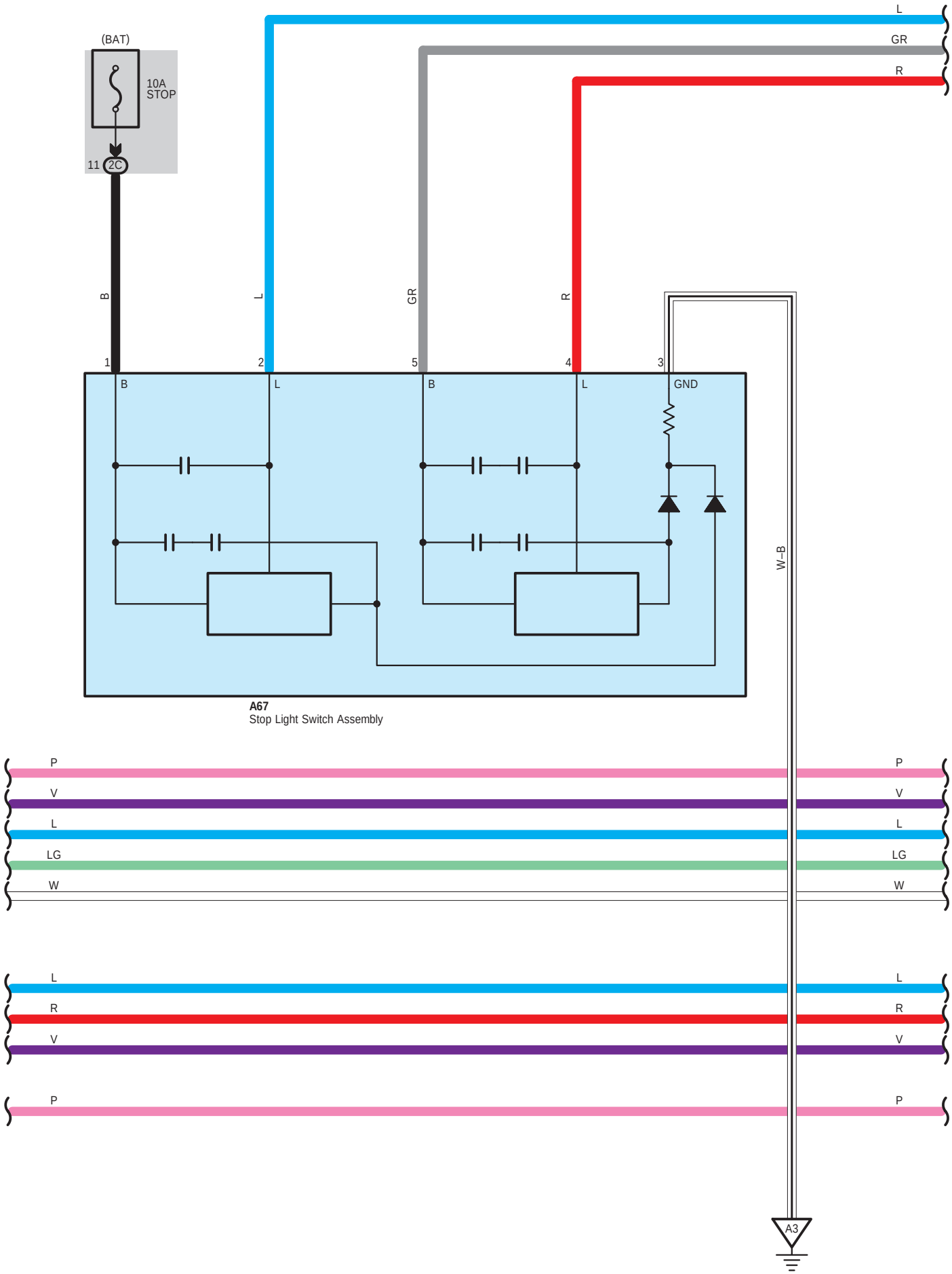

A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU
BL
SPDI
ST1–
STP
CA3P
CA3N
CA1H
CA1L
ABFS
15 A
14 C
7 B
23 B
31 D
30 D
25 D
24 D
29 C
R
V
R
L
LG
L
B
W
B
1 B
5 A
A50(A), A51(B)
Junction
Connector
R
R
B
W
B
BR
Y
L
LG
L
R
V
Y
L
(*1)
BR
Y
Y
L
(*1)

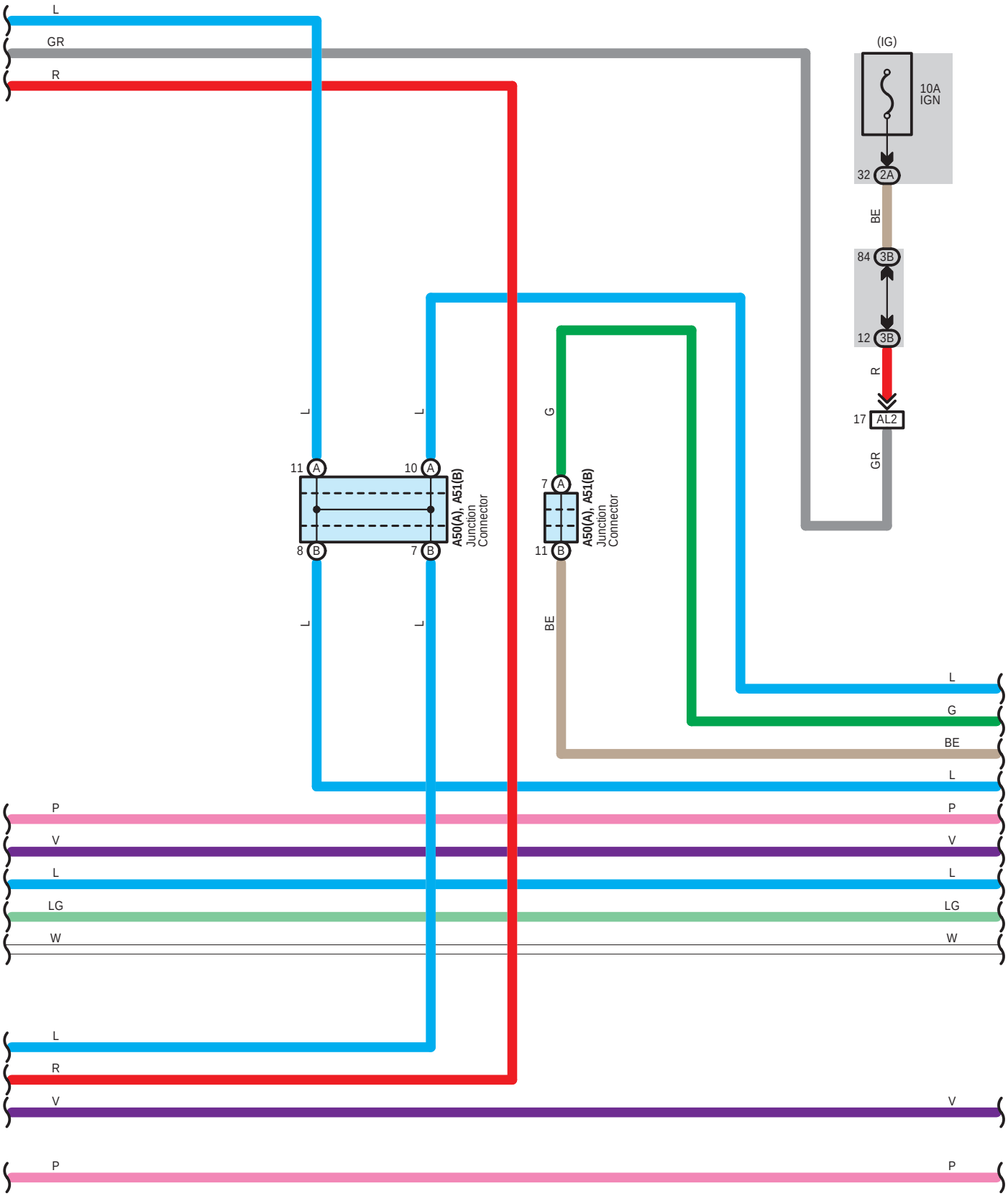

L16(A)
Center Airbag Sensor Assembly
* 1 : w/ PTC Heater
GSW2
CANL
CANH
14 A
22 A
13 A
B
G
R
16
5
45 2A
39 2A
B
18
7
19
8
BR
Y
W
B
10 AL8
11 AL8
BR
Y
L95
Junction
Connector
3
14
20
9
V
W
V
P
5 AL3
4 AL3
V
P
7
18
L94
Junction
Connector
12
1
10
21
W
P
LG
L
B
W
B
P
V
BR
Y
L
LG
L
R
V
Y
L
(*1)
L
LG
W
L
LG
L
R
V
Y
P
L
(*1)

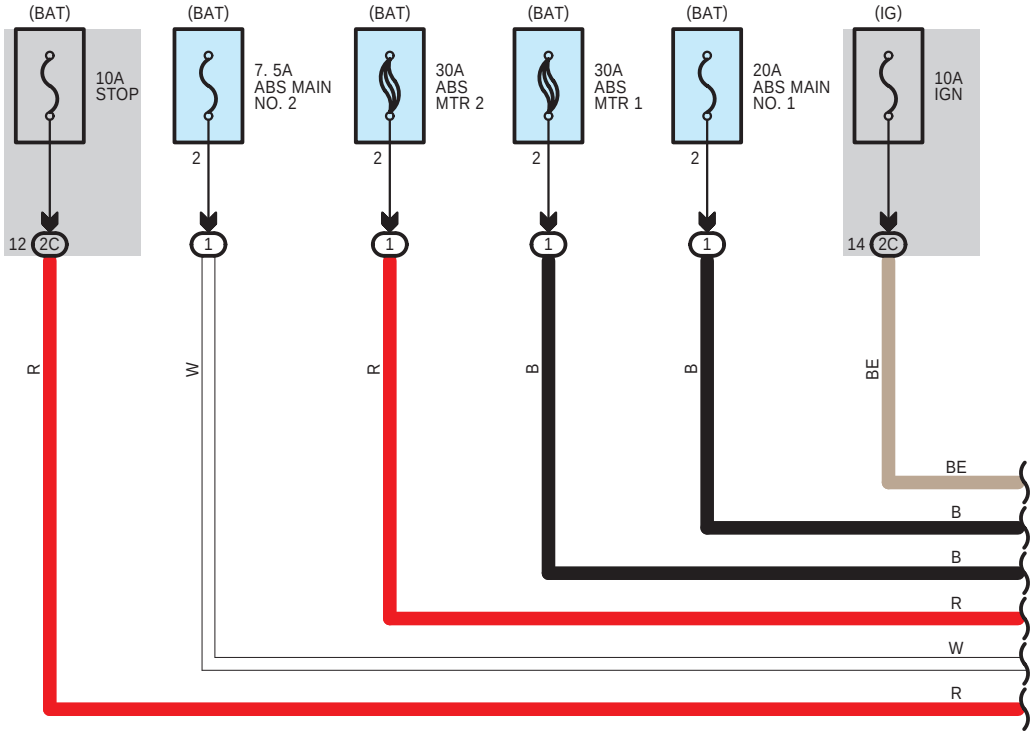

A57(A), D28(B)
ECM
CANH
CANL
G2O
CANN
CANP
13 A
5 A
48 B
4 A
12 A
P
V
Y
W
B
3 DA2
L17(A)
A/C Amplifier Assembly
IDH
CANH
CANL
27 A
11 A
12 A
11 AL3
10 AL3
Y
L
(*1)
BR
W
B
13
2
4
15
L101
Junction
Connector
1
12
3
14
L
LG
V
P
L
LG
W
R
V
Y
P
(*1)

∗ 1 : w/ PTC Heater



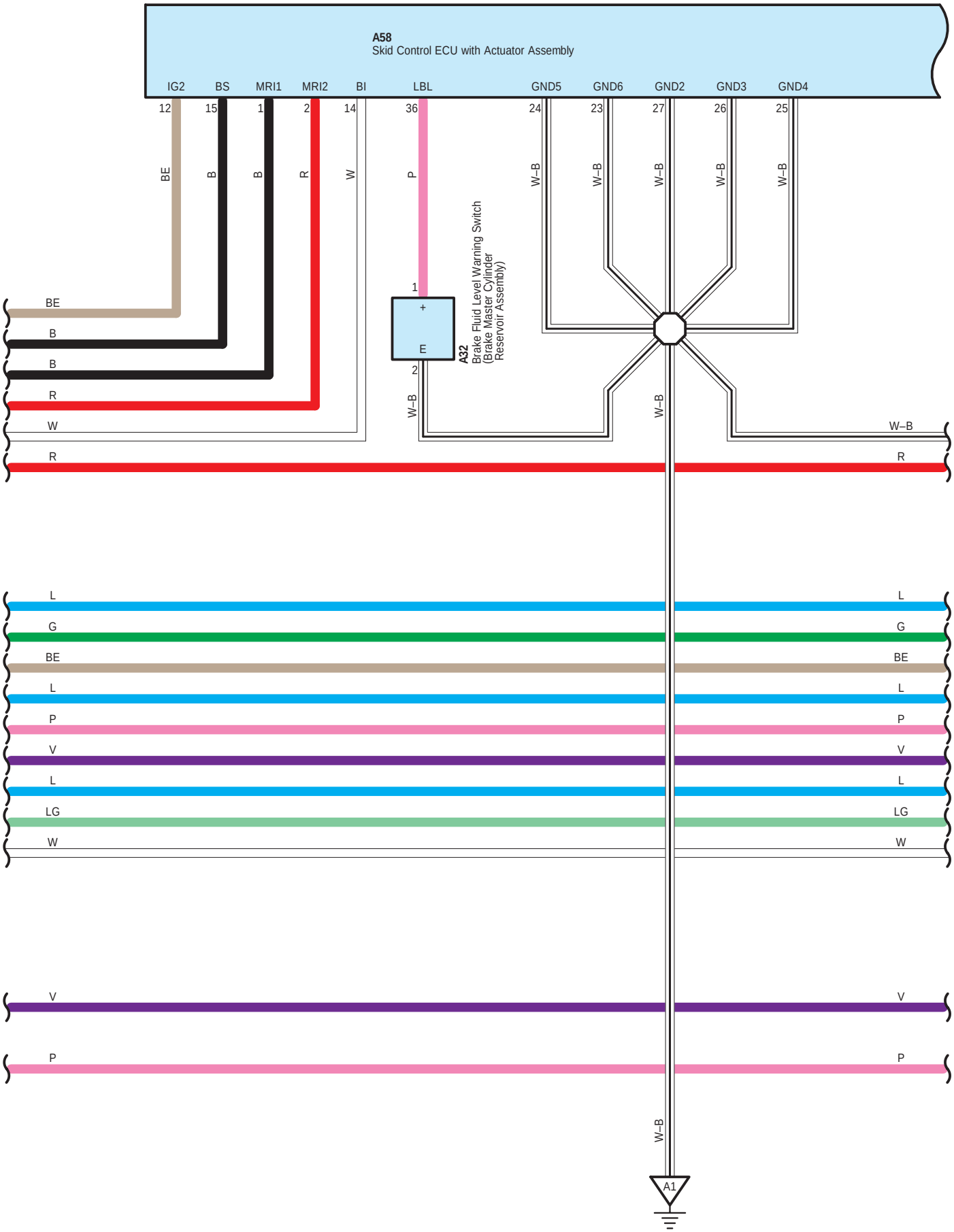

(BAT)
10A
STOP
11
2C
B
L
GR
R
1
2
5
4
3
B
L
B
L
GND
W-B
A67
Stop Light Switch Assembly
P
V
L
LG
W
L
R
V
P
A3

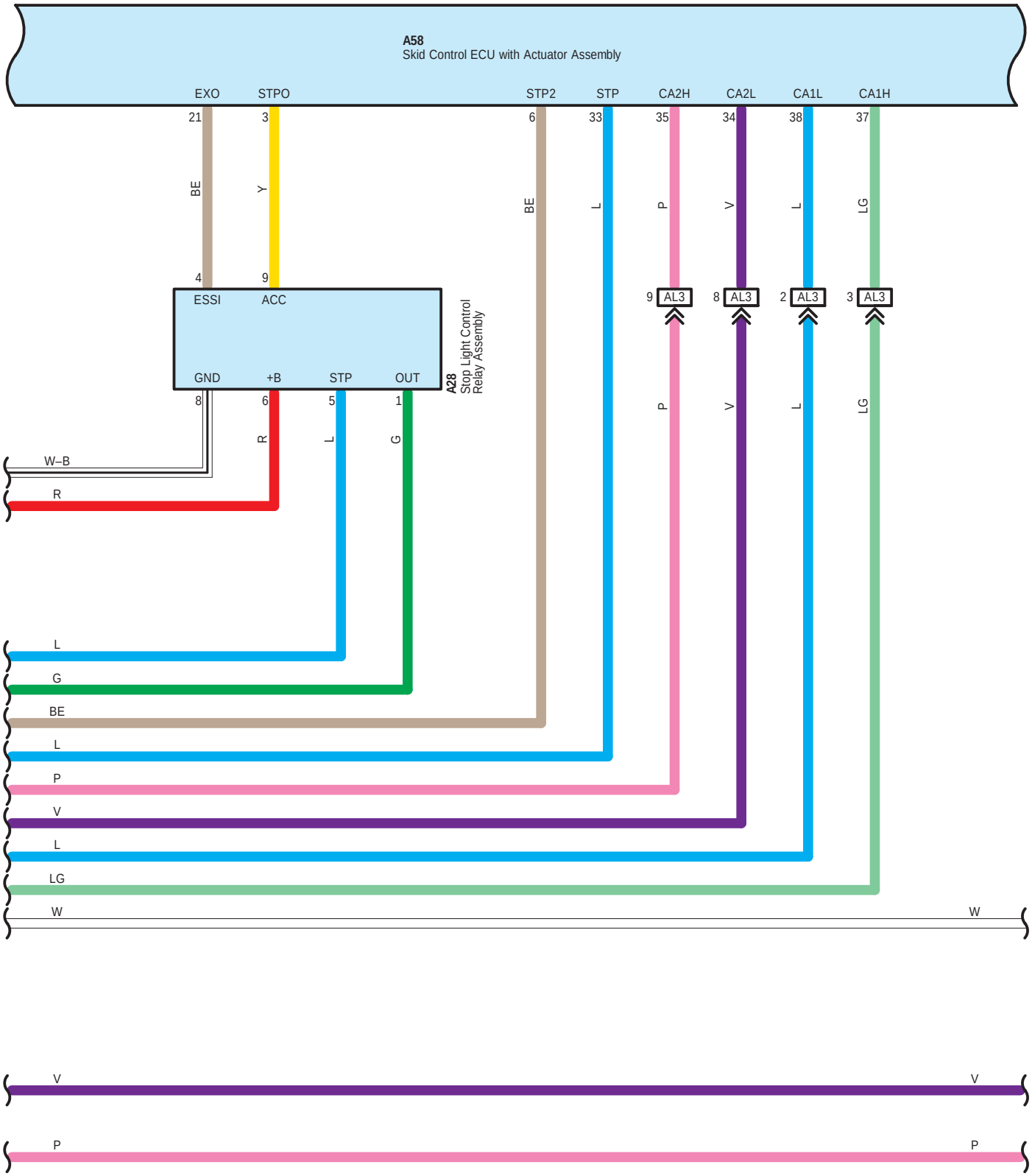

L
GR
R
(IG)
10A
IGN
32 2A
BE
84 3B
12 3B
R
17 AL2
GR
L
L
11 A
10 A
8 B
7 B
A50(A), A51(B)
Junction
Connector
L
L
G
7 A
11 B
A50(A), A51(B)
Junction
Connector
BE
L
G
BE
L
P
P
V
V
L
L
LG
LG
W
W
L
R
V
V
P
P

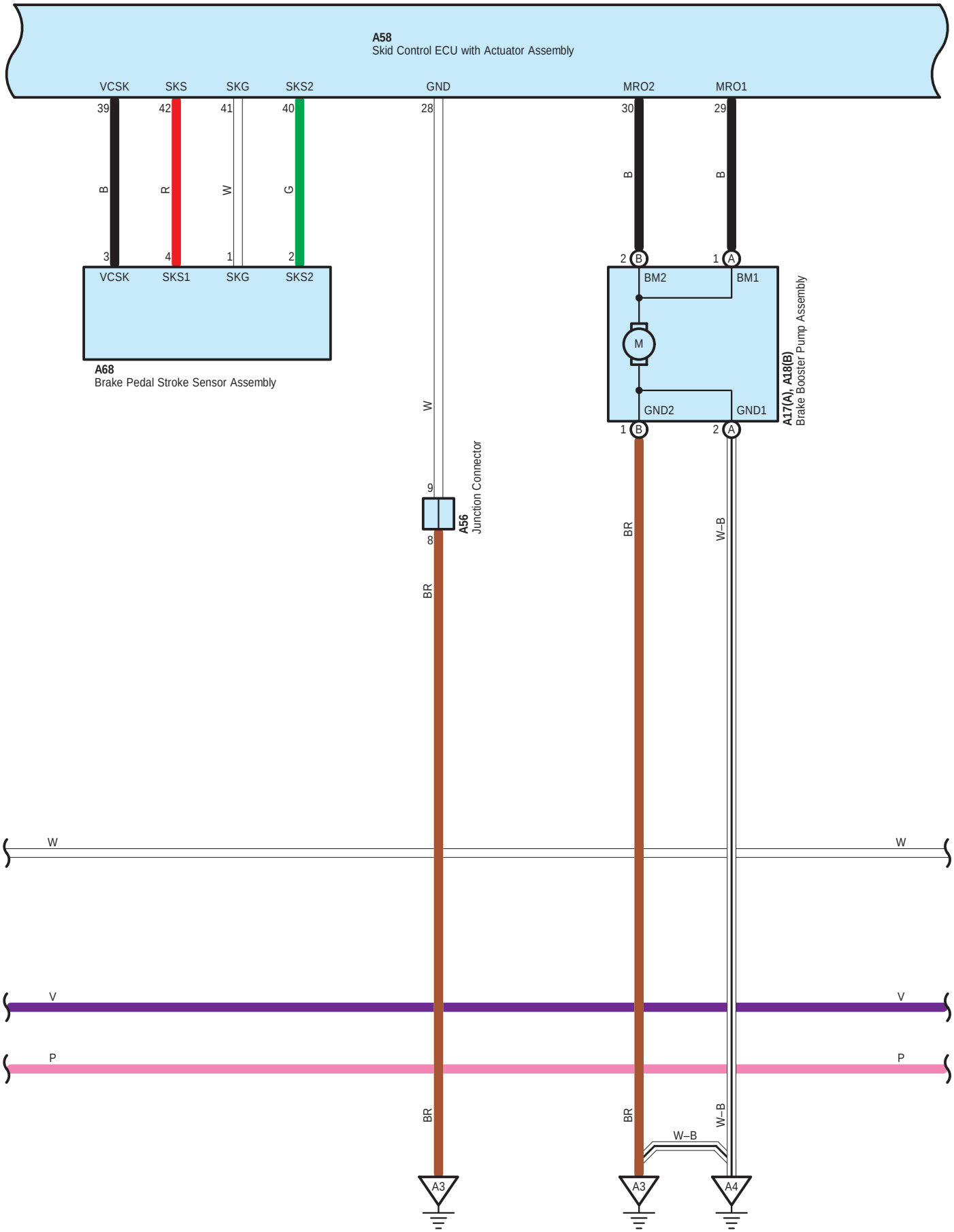

(BAT)
10A
STOP
12
2C
R
(BAT)
7. 5A
ABS MAIN
NO. 2
2
1
W
(BAT)
30A
ABS
MTR 2
2
1
R
(BAT)
30A
ABS
MTR 1
2
1
B
(BAT)
20A
ABS MAIN
NO. 1
2
1
B
(IG)
10A
IGN
14
2C
BE
BE
B
B
R
W
R

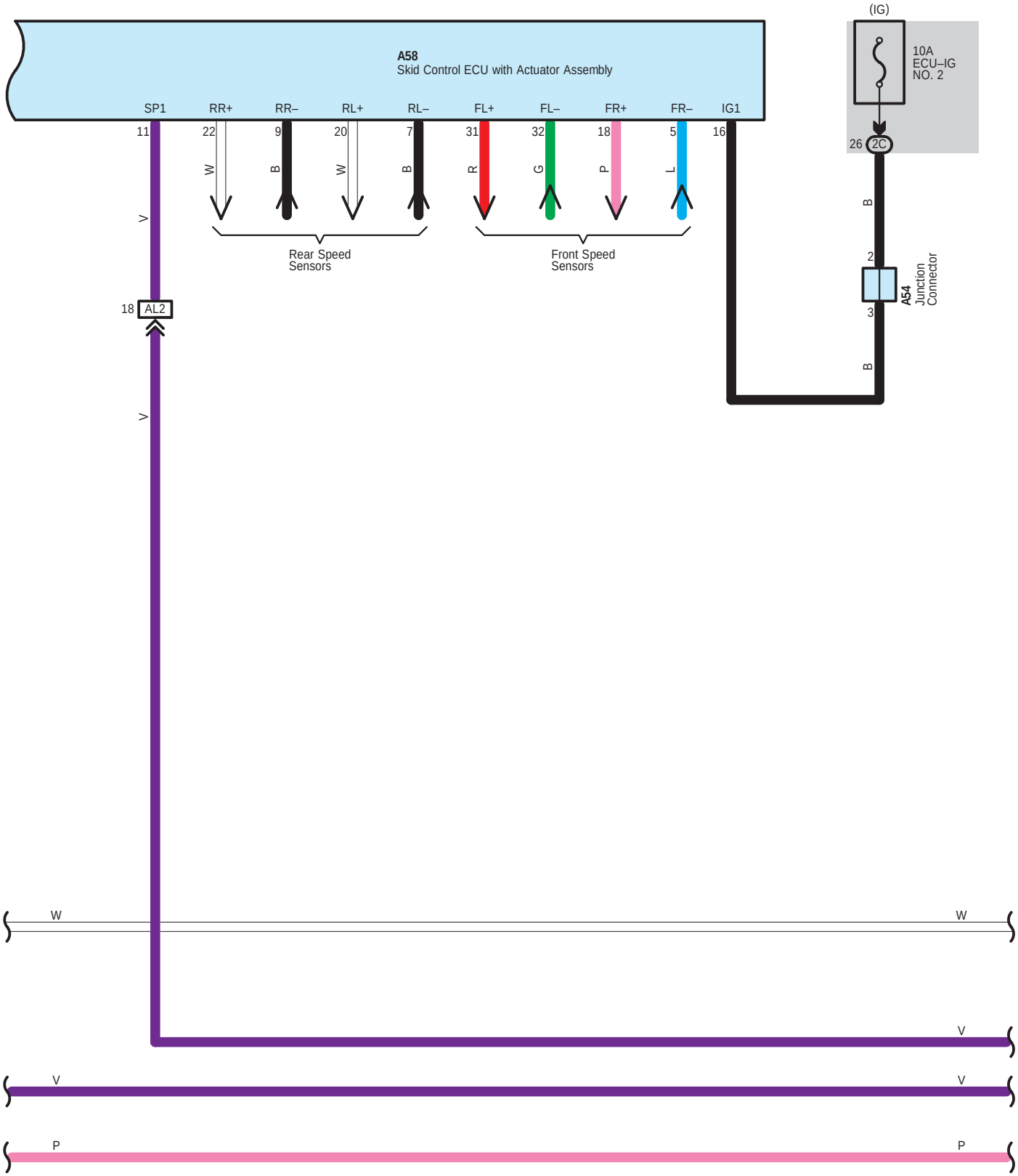

L
L
G
G
BE
BE
L
L
P
P
V
V
L
L
LG
LG
W
W

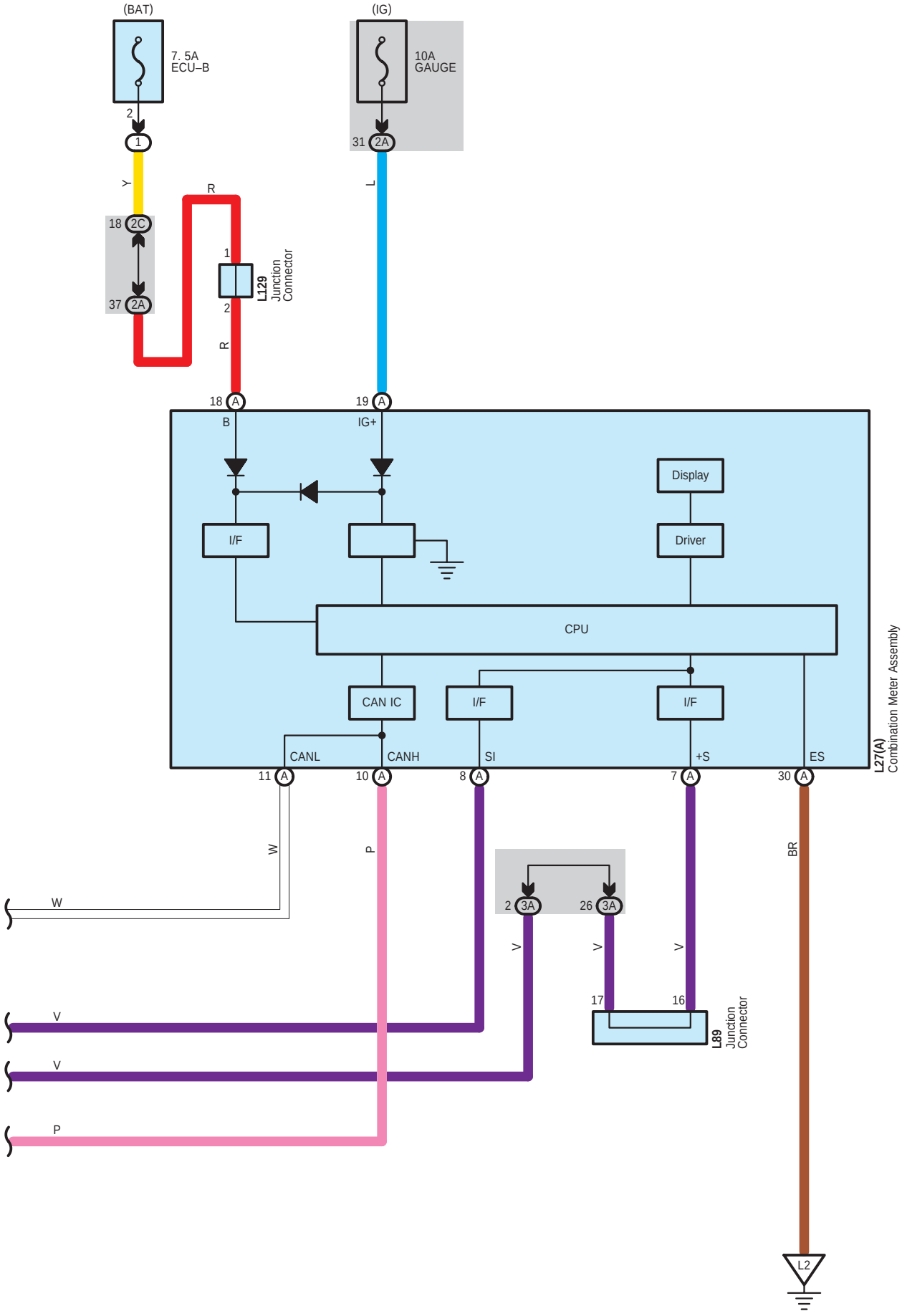

V
V
P
P


A58
Skid Control ECU with Actuator Assembly
IG2
BS
MRI1
MRI2
BI
LBL
GND5
GND6
GND2
GND3
GND4
12
15
1
2
14
36
24
23
27
26
25
BE
B
B
R
W
P
W–B
W–B
W–B
W–B
W–B
1
+
E
2
A32
Brake Fluid Level Warning Switch
(Brake Master Cylinder
Reservoir Assembly)
W–B
W–B
W–B
R
R
L
G
BE
L
P
V
L
LG
W
L
G
BE
L
P
V
L
LG
W
V
P
V
P
W–B
A1


A58
Skid Control ECU with Actuator Assembly
EXO
STPO
STP2
STP
CA2H
CA2L
CA1L
CA1H
21
3
6
33
35
34
38
37
BE
Y
BE
L
P
V
L
LG
4
9
9 AL3
8 AL3
2 AL3
3 AL3
ESSI
ACC
GND
+B
STP
OUT
A28
Stop Light Control Relay Assembly
8
6
5
1
W–B
R
L
G
BE
L
P
V
L
LG
W
W
V
V
P
P


A58
Skid Control ECU with Actuator Assembly
VCSK
SKS
SKG
SKS2
GND
MRO2
MRO1
39
42
41
40
28
30
29
B
R
W
G
W
B
B
3
4
1
2
2
1
VCSK
SKS1
SKG
SKS2
B
A
BM2
BM1
M
GND2
GND1
1
2
A68
Brake Pedal Stroke Sensor Assembly
A17(A), A18(B)
Brake Booster Pump Assembly
9
8
A56
Junction Connector
BR
W–B
W
W
V
V
P
P
BR
BR
W–B
W–B
A3
A3
A4

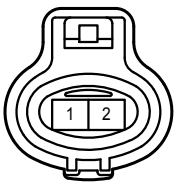

A58
Skid Control ECU with Actuator Assembly
SP1
RR+
RR–
RL+
RL–
FL+
FL–
FR+
FR–
IG1
11
22
9
20
7
31
32
18
5
16
W
B
W
B
R
G
P
L
V
Rear Speed Sensors
Front Speed Sensors
(IG)
10A
ECU–IG
NO. 2
26
2C
B
2
A54
Junction Connector
3
B
18
AL2
V
W
W
V
V
V
P
P


(BAT)
7. 5A
ECU–B
2
1
Y
18 2C
37 2A
R
1
L129
Junction
Connector
2
R
(IG)
10A
GAUGE
31 2A
L
18 A
B
19 A
IG+
Display
Driver
I/F
CPU
CAN IC
I/F
I/F
CANL
CANH
SI
+S
ES
11 A
10 A
8 A
7 A
30 A
L27(A)
Combination Meter Assembly
W
P
BR
W
2 3A
26 3A
V
V
V
17
16
L89
Junction
Connector
V
V
P
L2

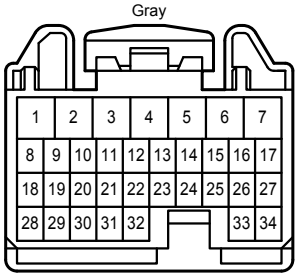
A 17
Gray



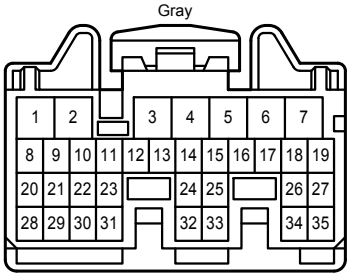
A 18
Black



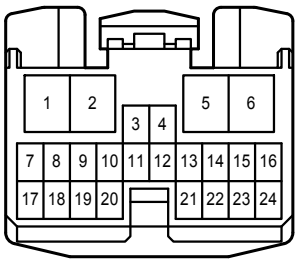
A 21
Gray



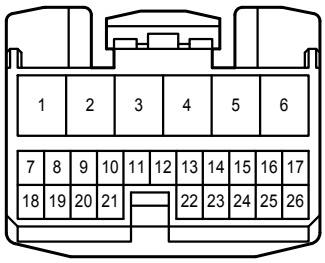
A 22
Gray



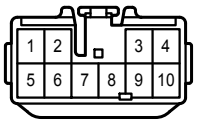
A 23
White



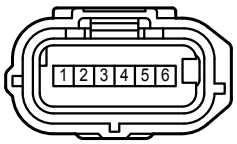
A 24
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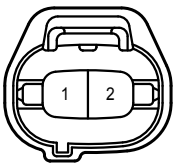
A 28
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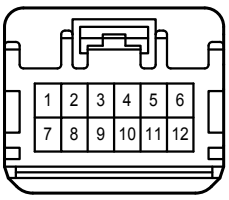
A 29
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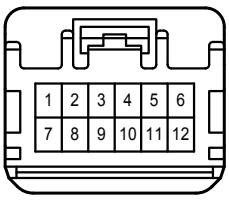
A 32
Black



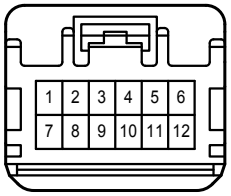
A 50
White



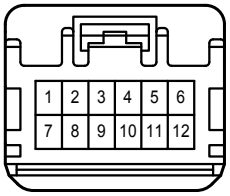
A 51
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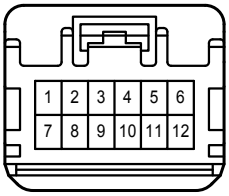
A 52
Black



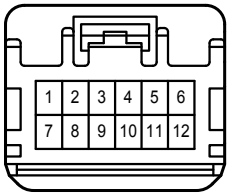
A 53
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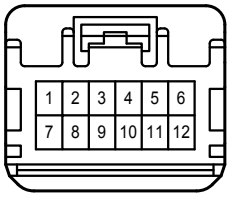
A 54
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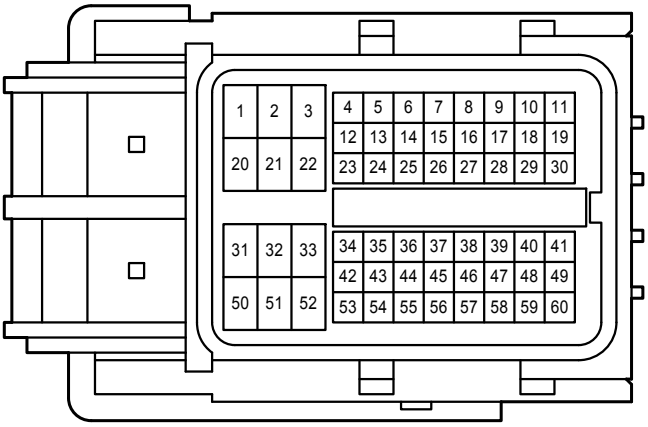
A 55
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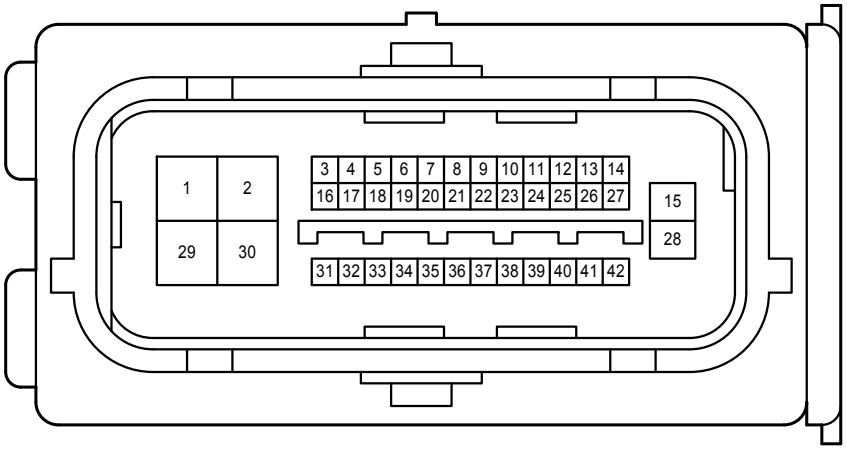
A 56
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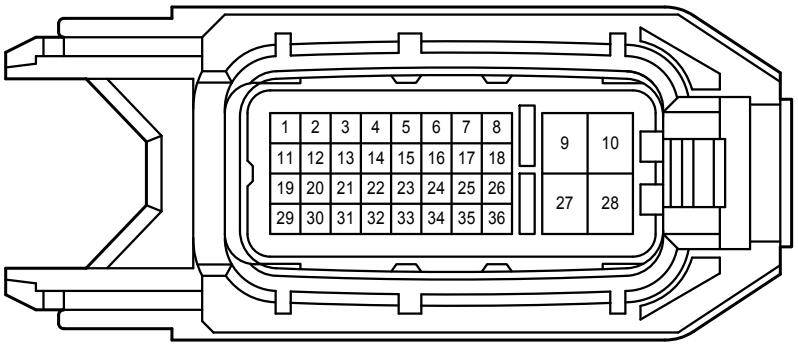
A 57
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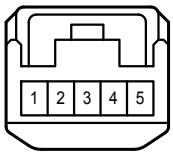
A 58
Gray



A 59
Black



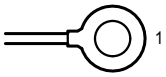
A 67
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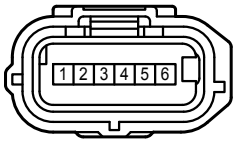
A 68
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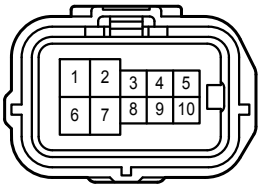
B 1



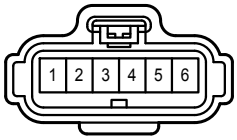
D 1
Black



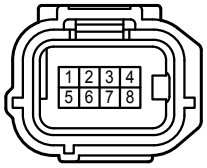
D 2
Black



D 4
Black



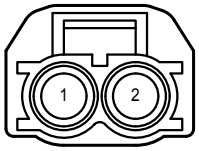
D 7
Gray



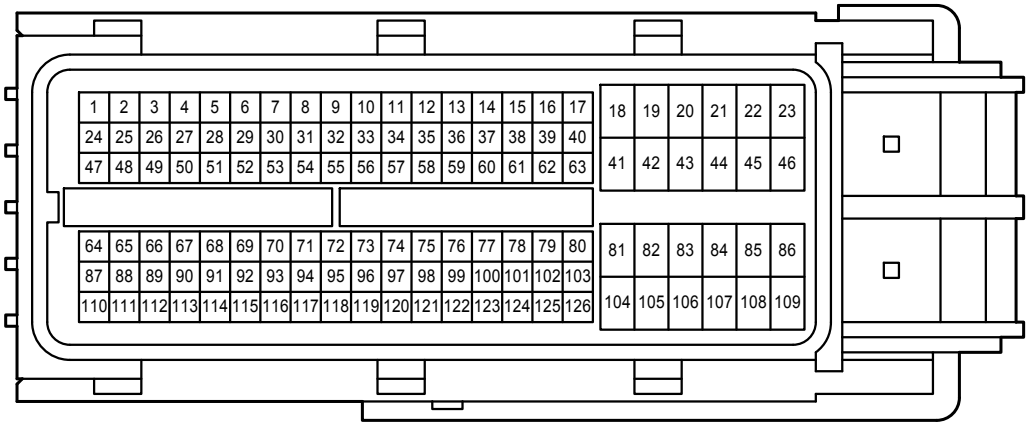
D 8
Black



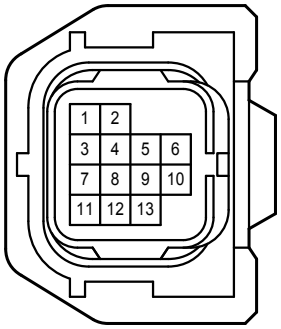
D 27
Black



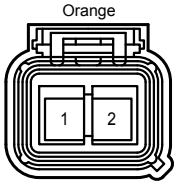
D 28
Black



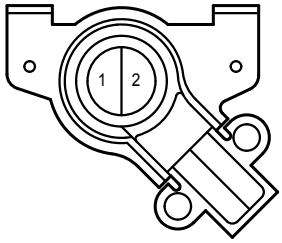
D 29
Black



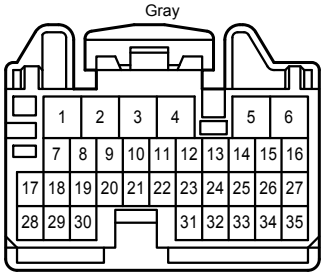
E 1
Orange



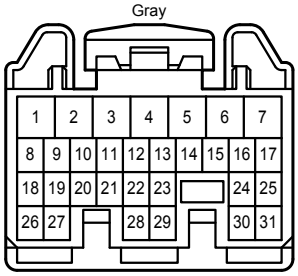
E 3
White



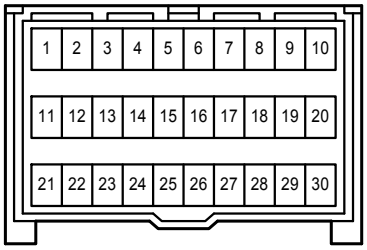
L 5
Gray



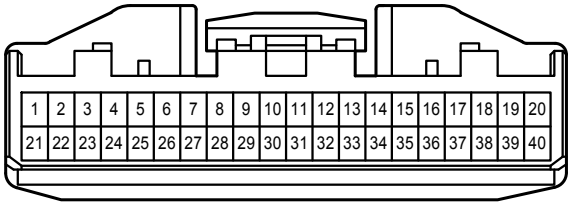
L 6
Gray



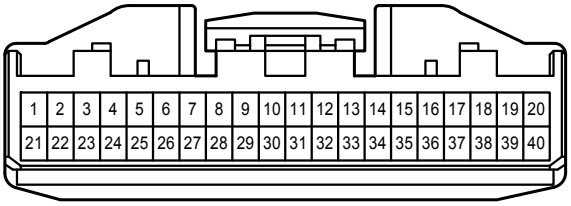
L 16
Yellow



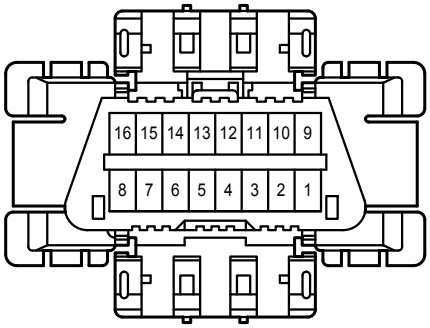
L 17
White



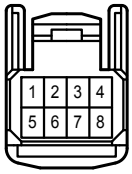
L 27
White



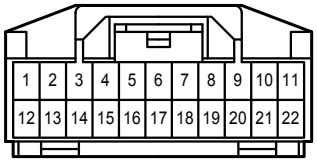
L 61
White



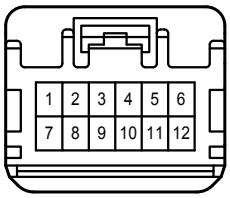
L 78
Black



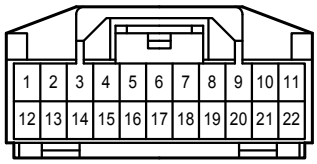
L 89
Black



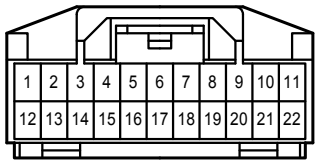
L 93
White



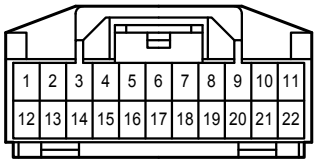
L 94
White



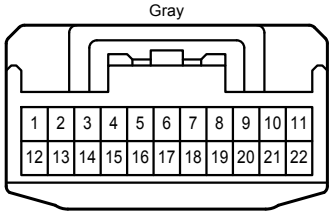
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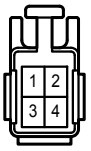
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L129
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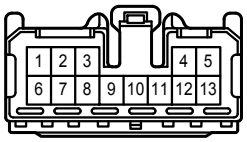
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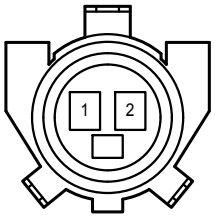
S 17
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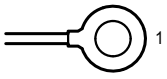
S 20
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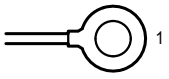
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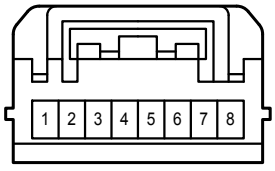
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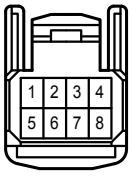
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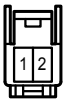
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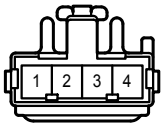
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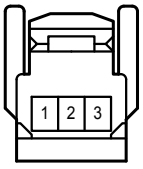
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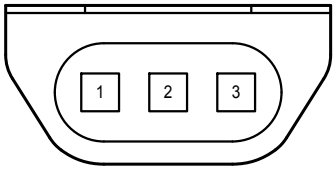
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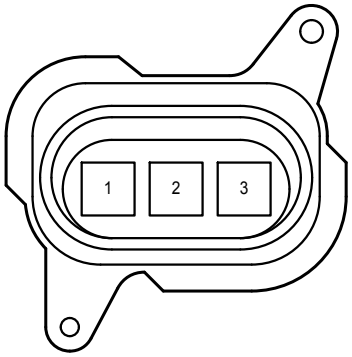
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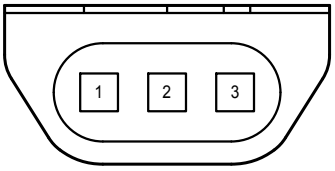
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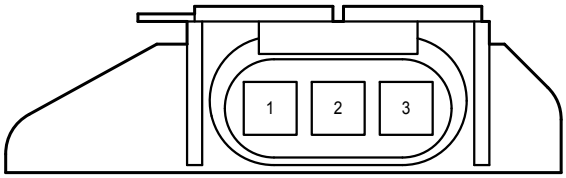
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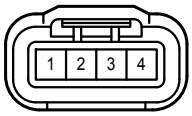
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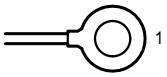
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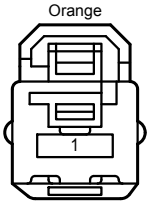
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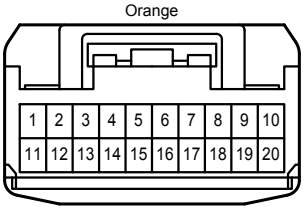
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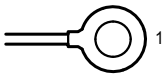
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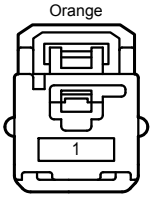
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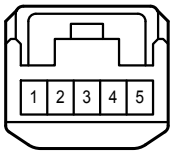
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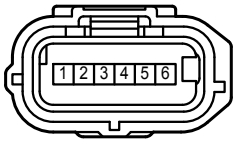
k 2
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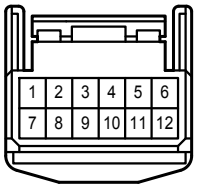
z 5
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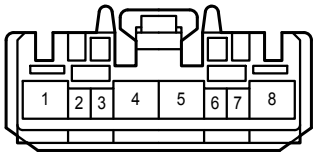
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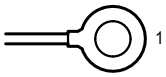
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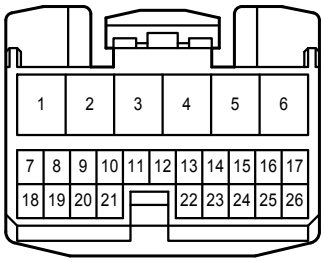
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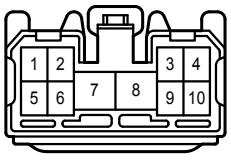
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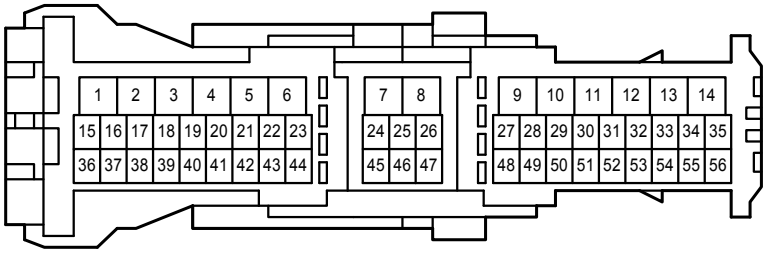
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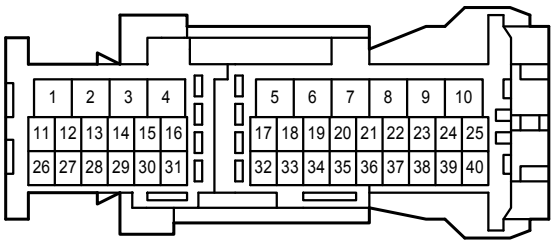
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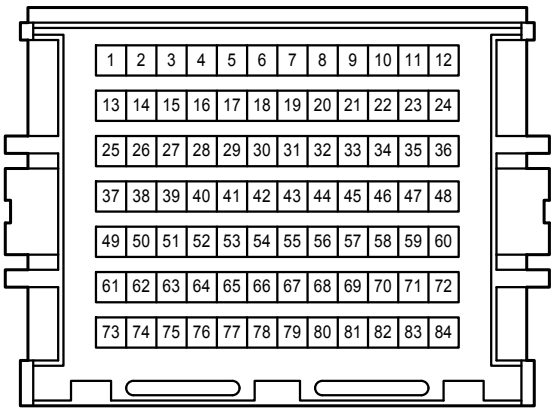
2A
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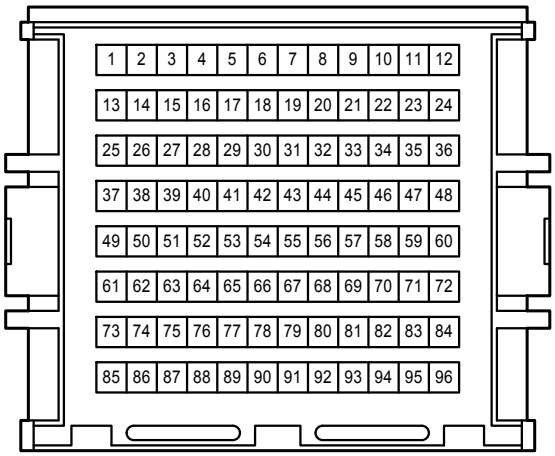
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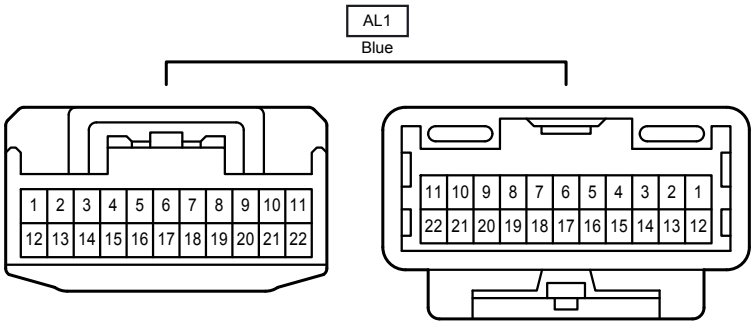
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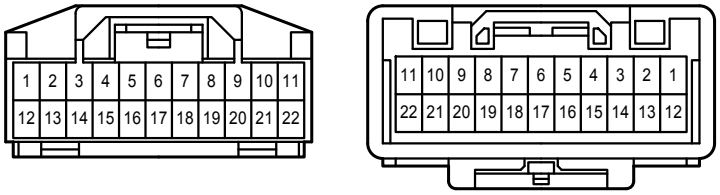
3B
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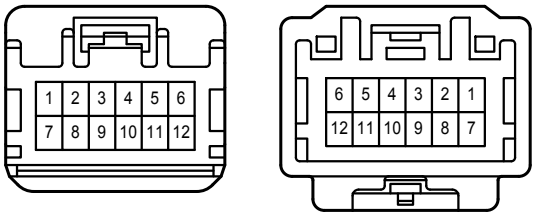
AL1
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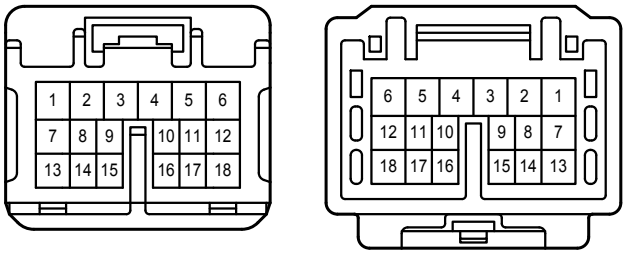
AL2
Gray



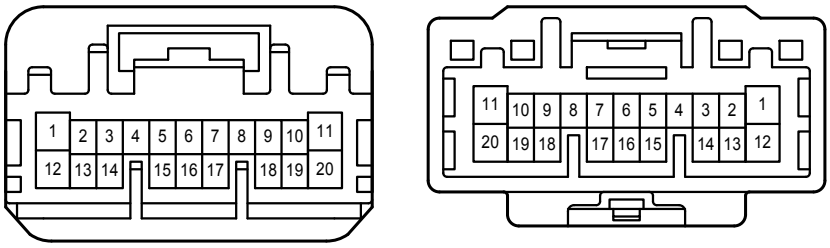
AL3
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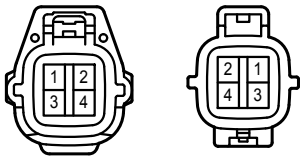
AL8
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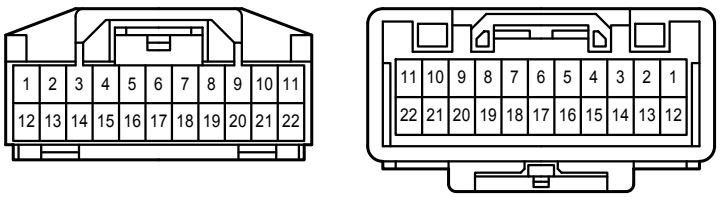
AS1
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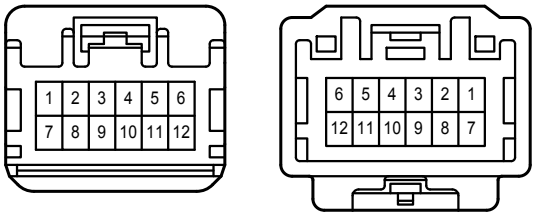
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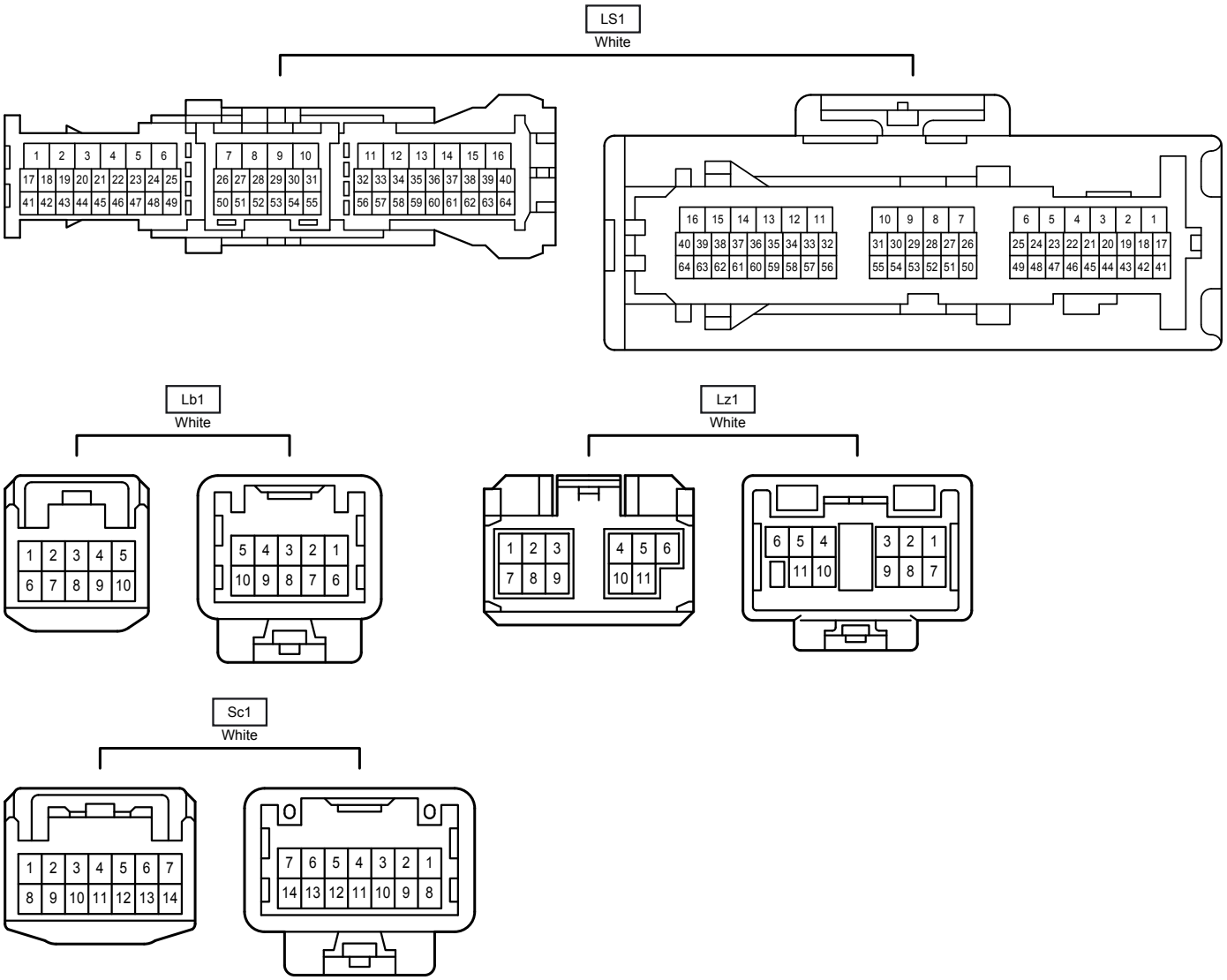


DA1
White



DA2
White




LS1
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50 51 52 53 54 55
11 12 13 14 15 16
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56 57 58 59 60 61 62 63 64
16 15 14 13 12 11
40 39 38 37 36 35 34 33 32
64 63 62 61 60 59 58 57 56
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31 30 29 28 27 26
55 54 53 52 51 50
6 5 4 3 2 1
25 24 23 22 21 20 19 18 17
49 48 47 46 45 44 43 42 41
Lb1
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6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
Lz1
White
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7 8 9
4 5 6
10 11
6 5 4
11 10
3 2 1
9 8 7
Sc1
White
1 2 3 4 5 6 7
8 9 10 11 12 13 14
7 6 5 4 3 2 1
14 13 12 11 10 9 8