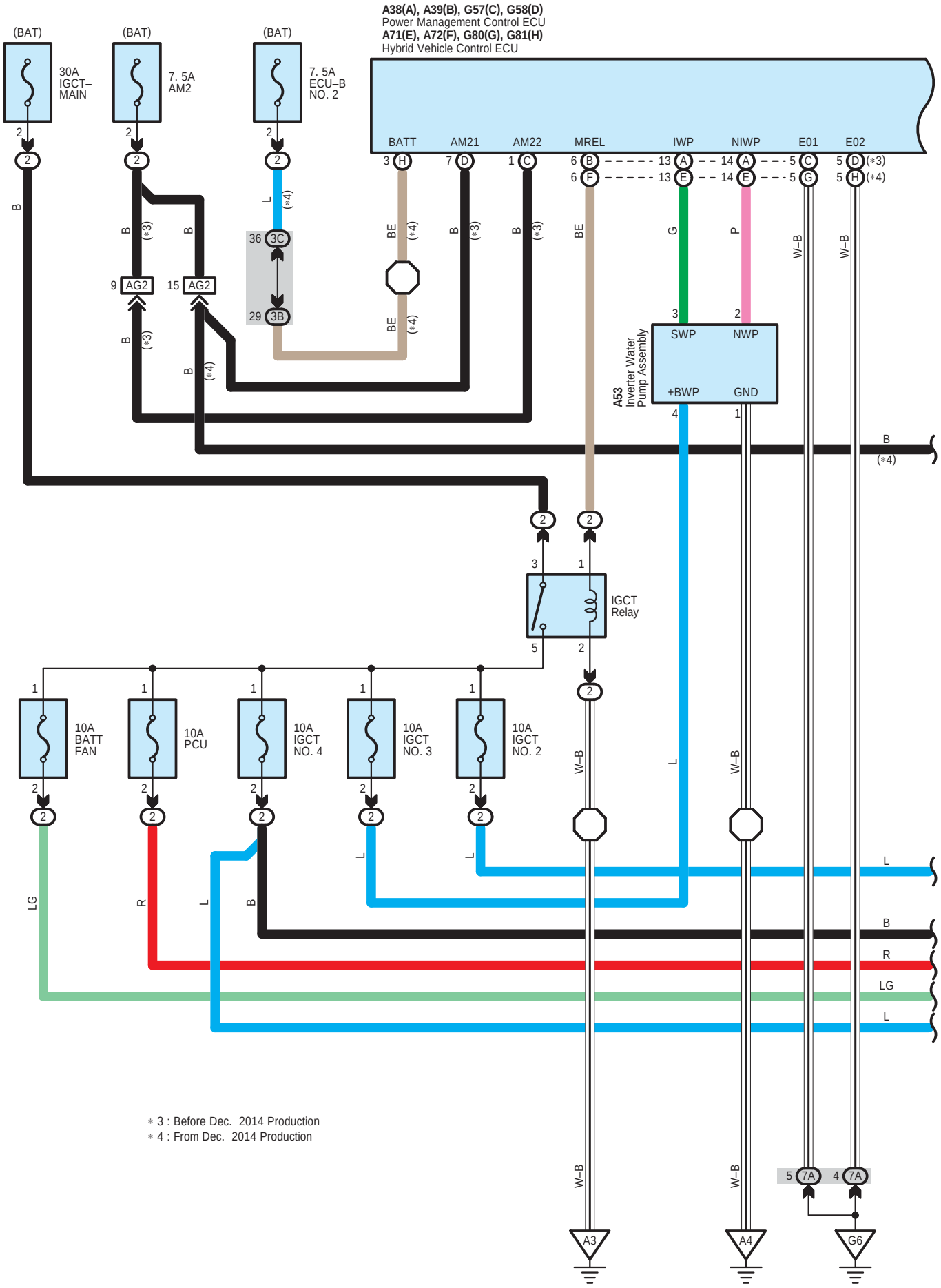
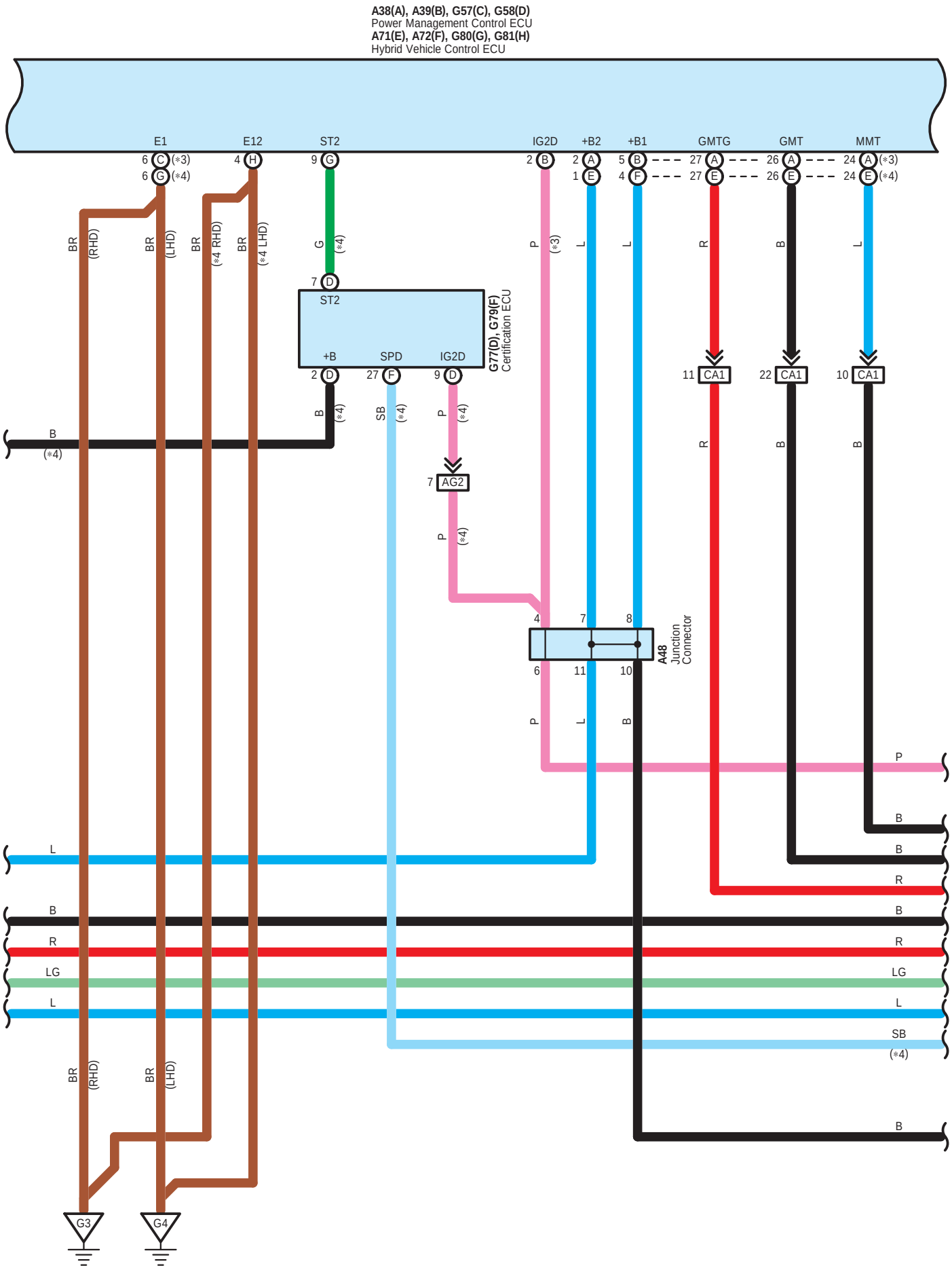
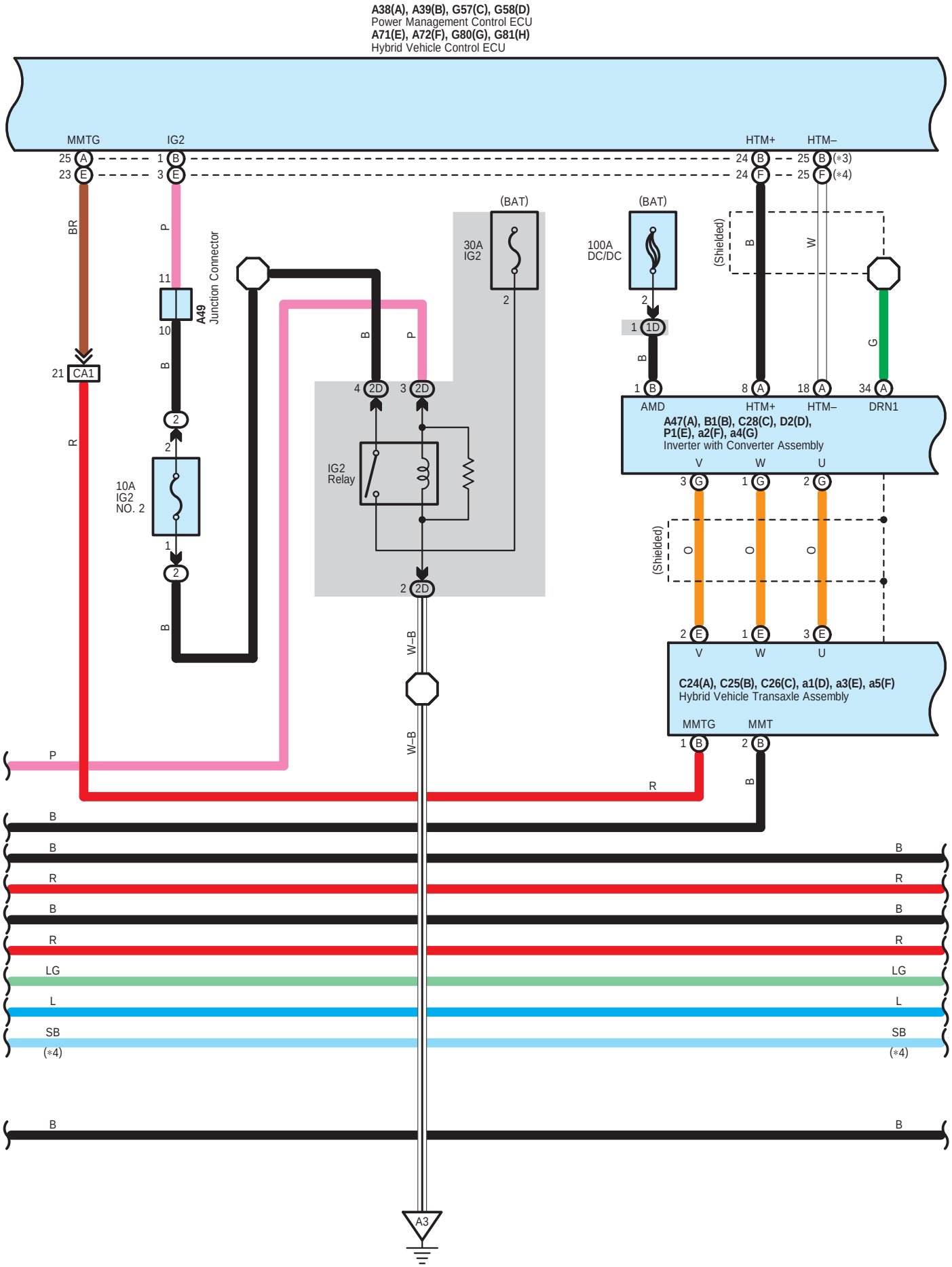
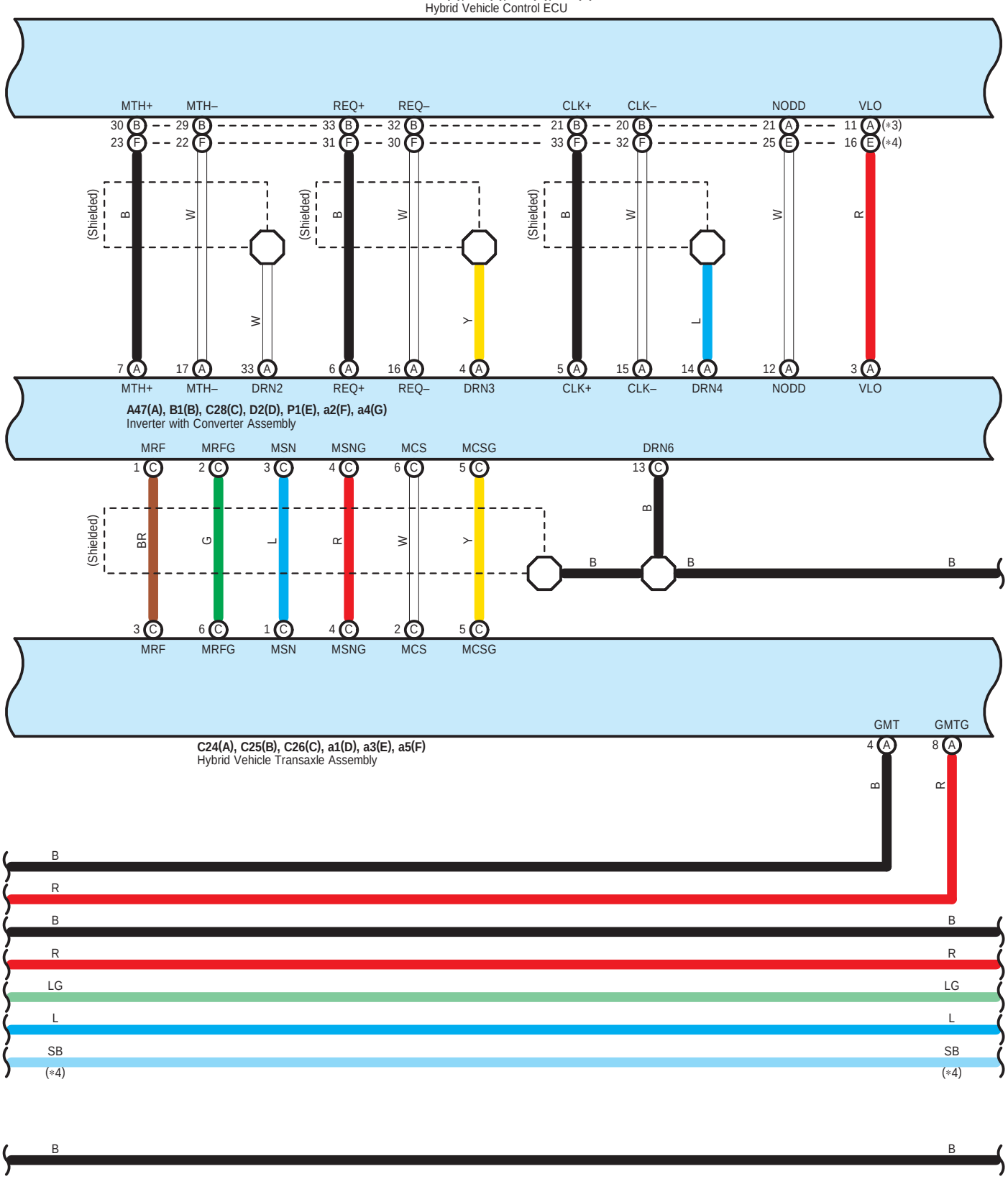

A38(A), A39(B), G57(C), G58(D)
Power Management Control ECU
A71(E), A72(F), G80(G), G81(H)
Hybrid Vehicle Control ECU
(BAT)
30A IGCT–MAIN
7. 5A AM2
7. 5A ECU–B NO. 2
BATT
AM21
AM22
MREL
IWP
NIWP
E01
E02
A53
Inverter Water Pump Assembly
SWP
NWP
+BWP
GND
AG2
IGCT Relay
10A BATT FAN
10A PCU
10A IGCT NO. 4
10A IGCT NO. 3
10A IGCT NO. 2
A3
A4
G6
∗ 3 : Before Dec. 2014 Production
∗ 4 : From Dec. 2014 Production

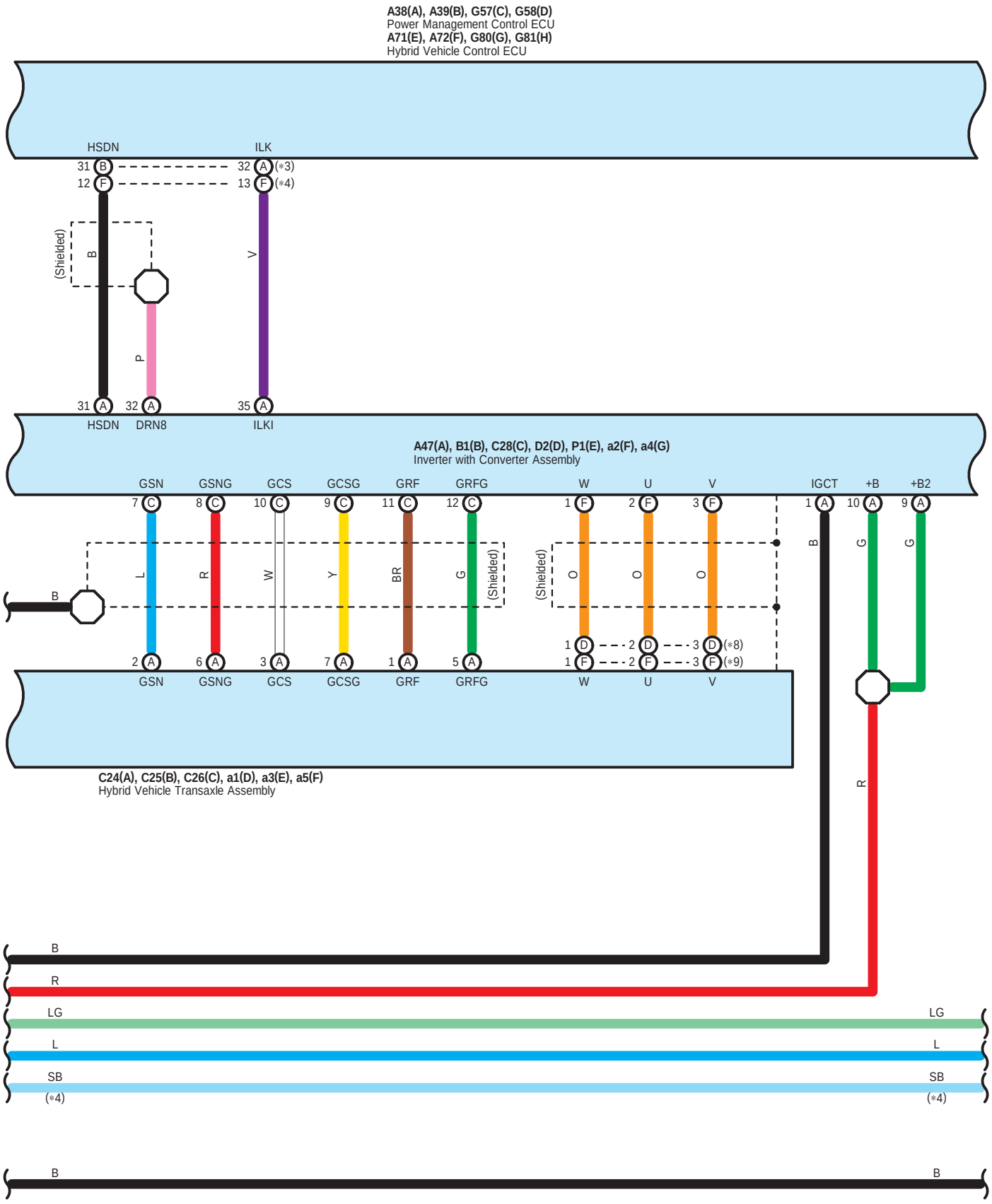

A38(A), A39(B), G57(C), G58(D)
Power Management Control ECU
A71(E), A72(F), G80(G), G81(H)
Hybrid Vehicle Control ECU
E1
E12
ST2
IG2D
+B2
+B1
GMTG
GMT
MMT
6 C (*3)
6 G (*4)
4 H
9 G
2 B
2 A
1 E
5 B
4 F
27 A
27 E
26 A
26 E
24 A (*3)
24 E (*4)
BR (RHD)
BR (LHD)
BR (*4 RHD)
BR (*4 LHD)
G (*4)
P (*3)
L
L
R
B
L
7 D
ST2
G77(D), G79(F)
Certification ECU
+B
SPD
IG2D
2 D
27 F
9 D
11 CA1
22 CA1
10 CA1
B (*4)
SB (*4)
P (*4)
R
B
B
B
(*4)
7 AG2
P (*4)
4
7
8
A48
Junction
Connector
6
11
10
P
L
B
P
B
L
B
R
B
R
R
LG
LG
L
L
SB
(*4)
B
BR (RHD)
BR (LHD)
G3
G4


A38(A), A39(B), G57(C), G58(D)
Power Management Control ECU
A71(E), A72(F), G80(G), G81(H)
Hybrid Vehicle Control ECU
MMTG
IG2
HTM+
HTM–
25 A
23 E
1 B
3 E
24 B
24 F
25 B (*3)
25 F (*4)
BR
P
11
A49
Junction Connector
10
B
2
2
10A
IG2
NO. 2
1
2
B
21 CA1
R
(BAT)
30A
IG2
2
B
P
4 2D
3 2D
IG2
Relay
2 2D
W–B
W–B
(BAT)
100A
DC/DC
2
1 1D
B
1 B
AMD
(Shielded)
B
W
G
8 A
18 A
34 A
HTM+
HTM–
DRN1
A47(A), B1(B), C28(C), D2(D),
P1(E), a2(F), a4(G)
Inverter with Converter Assembly
V
W
U
3 G
1 G
2 G
(Shielded)
O
O
O
2 E
1 E
3 E
V
W
U
C24(A), C25(B), C26(C), a1(D), a3(E), a5(F)
Hybrid Vehicle Transaxle Assembly
MMTG
MMT
1 B
2 B
P
R
B
B
B
R
R
B
B
R
R
LG
LG
L
L
SB
SB
(*4)
(*4)
B
B
A3

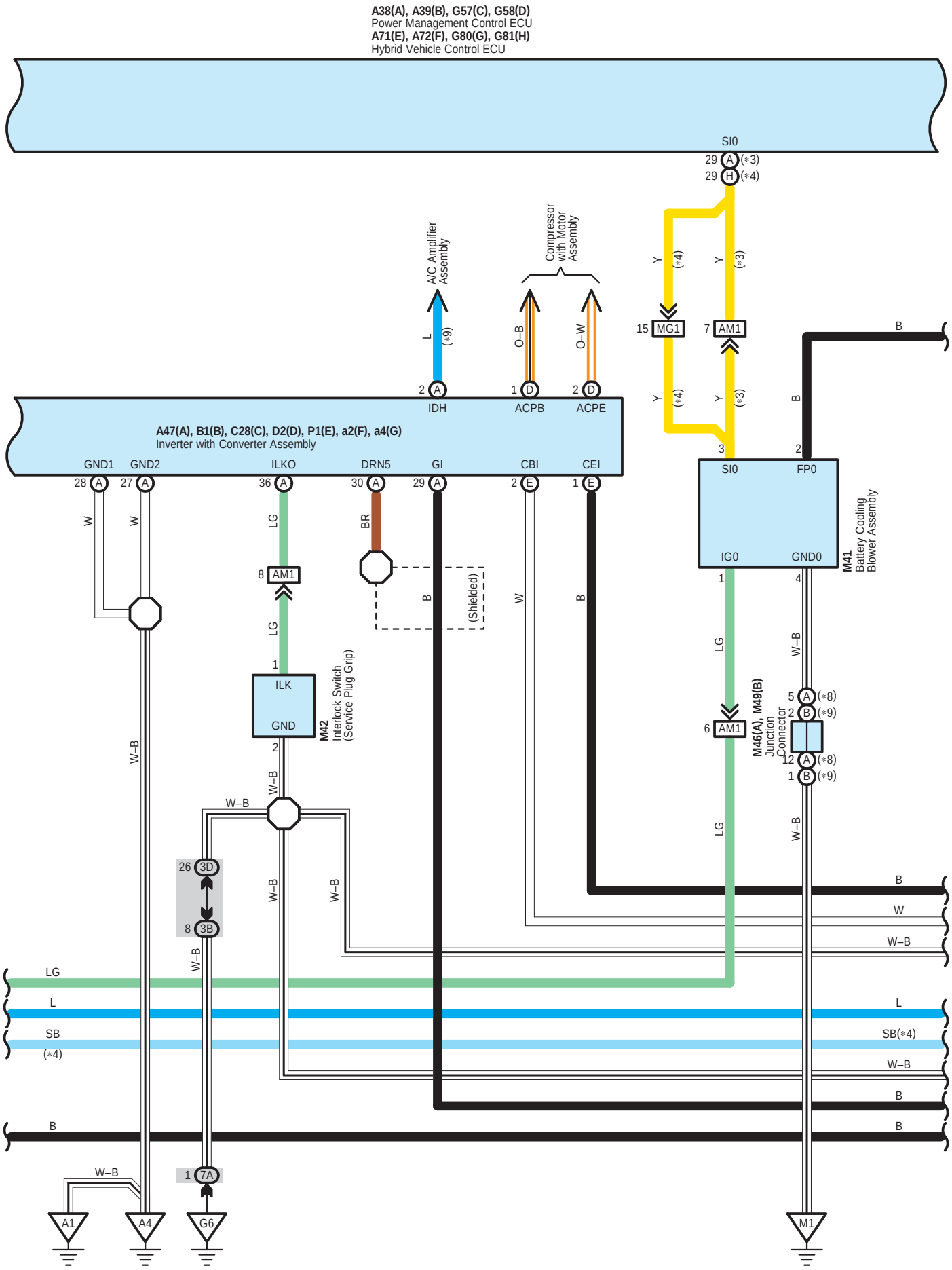
A38(A), A39(B), G57(C), G58(D)
Power Management Control ECU
A71(E), A72(F), G80(G), G81(H)
Hybrid Vehicle Control ECU

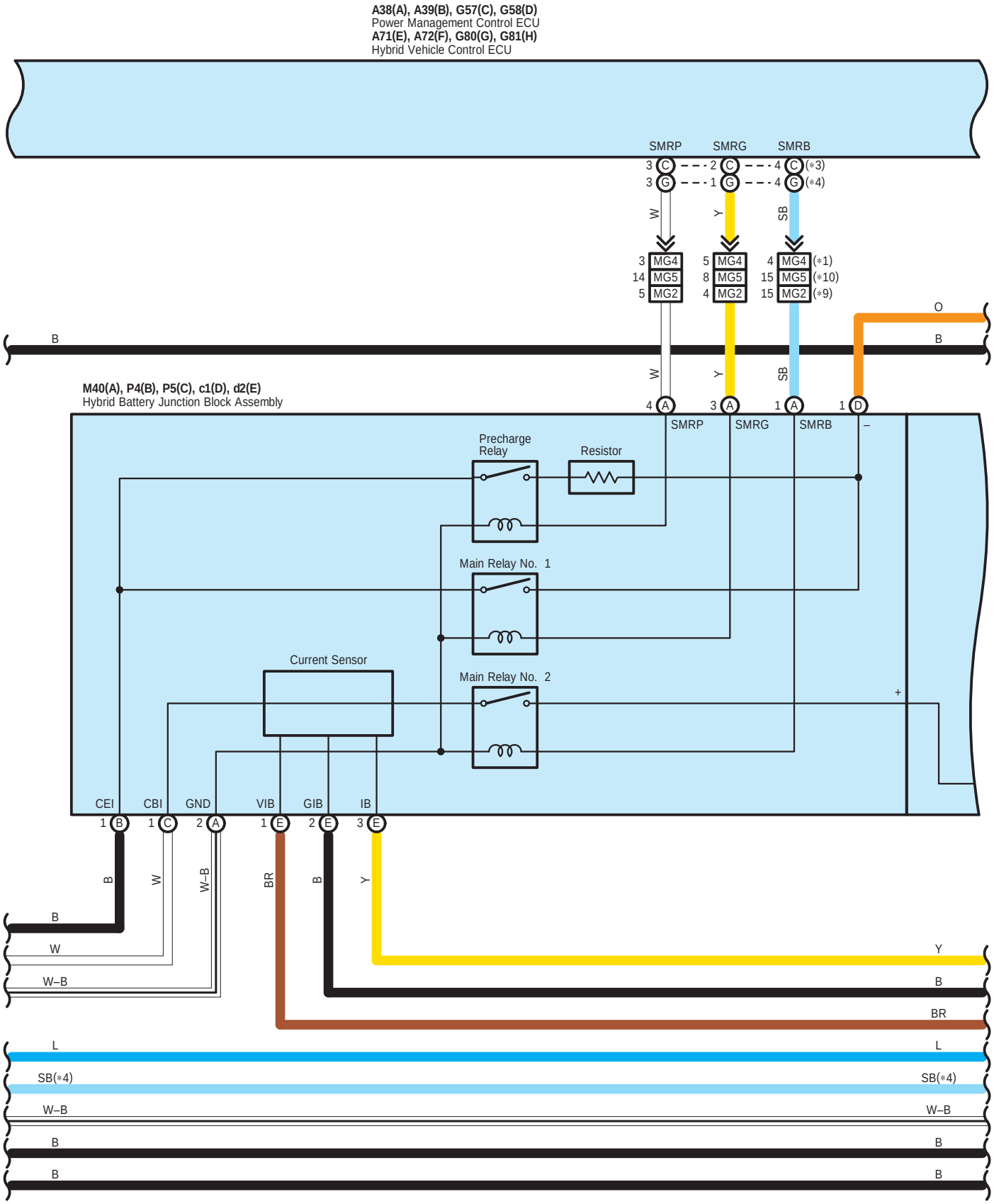


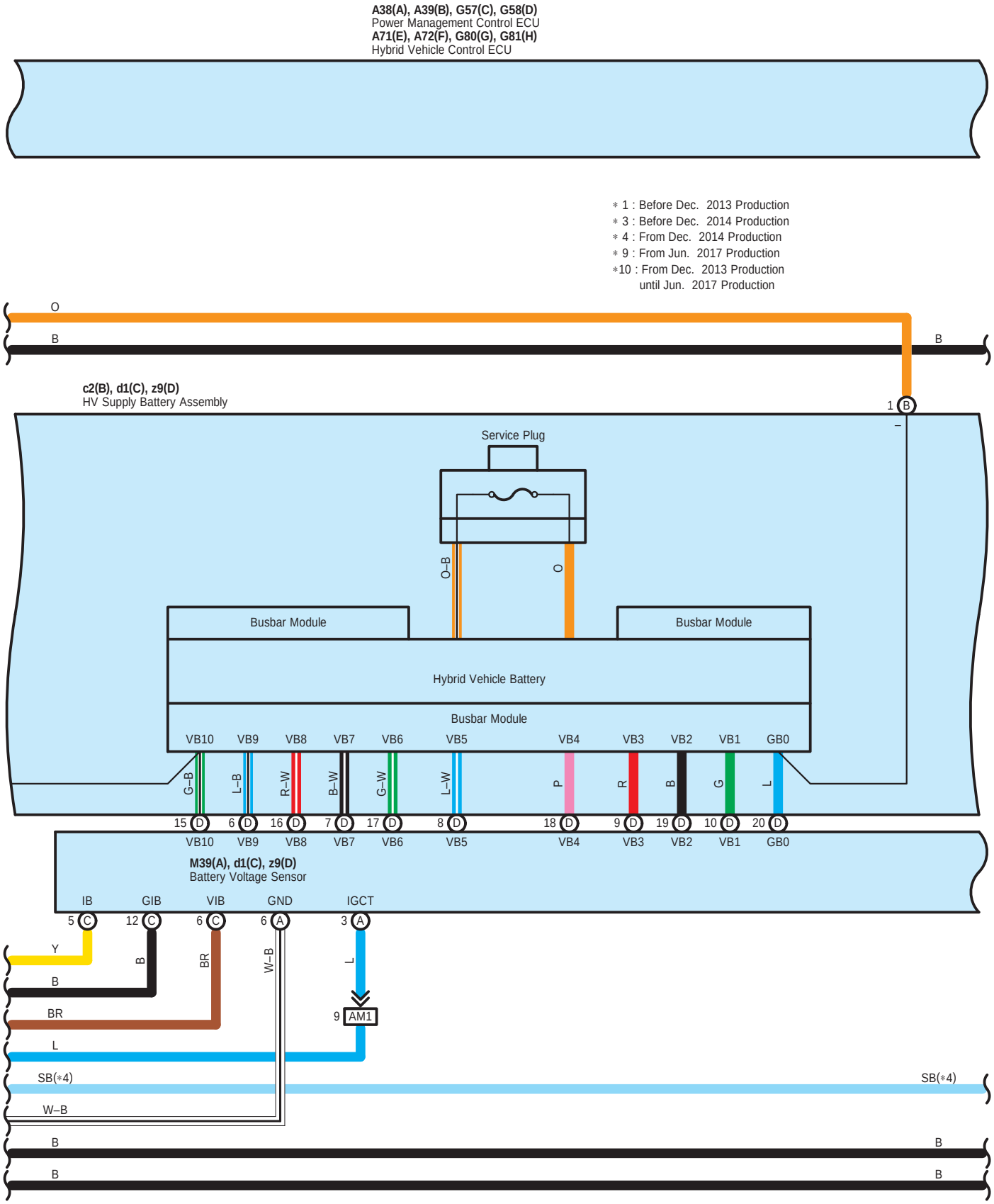
* 3 : Before Dec. 2014 Production
* 4 : From Dec. 2014 Production

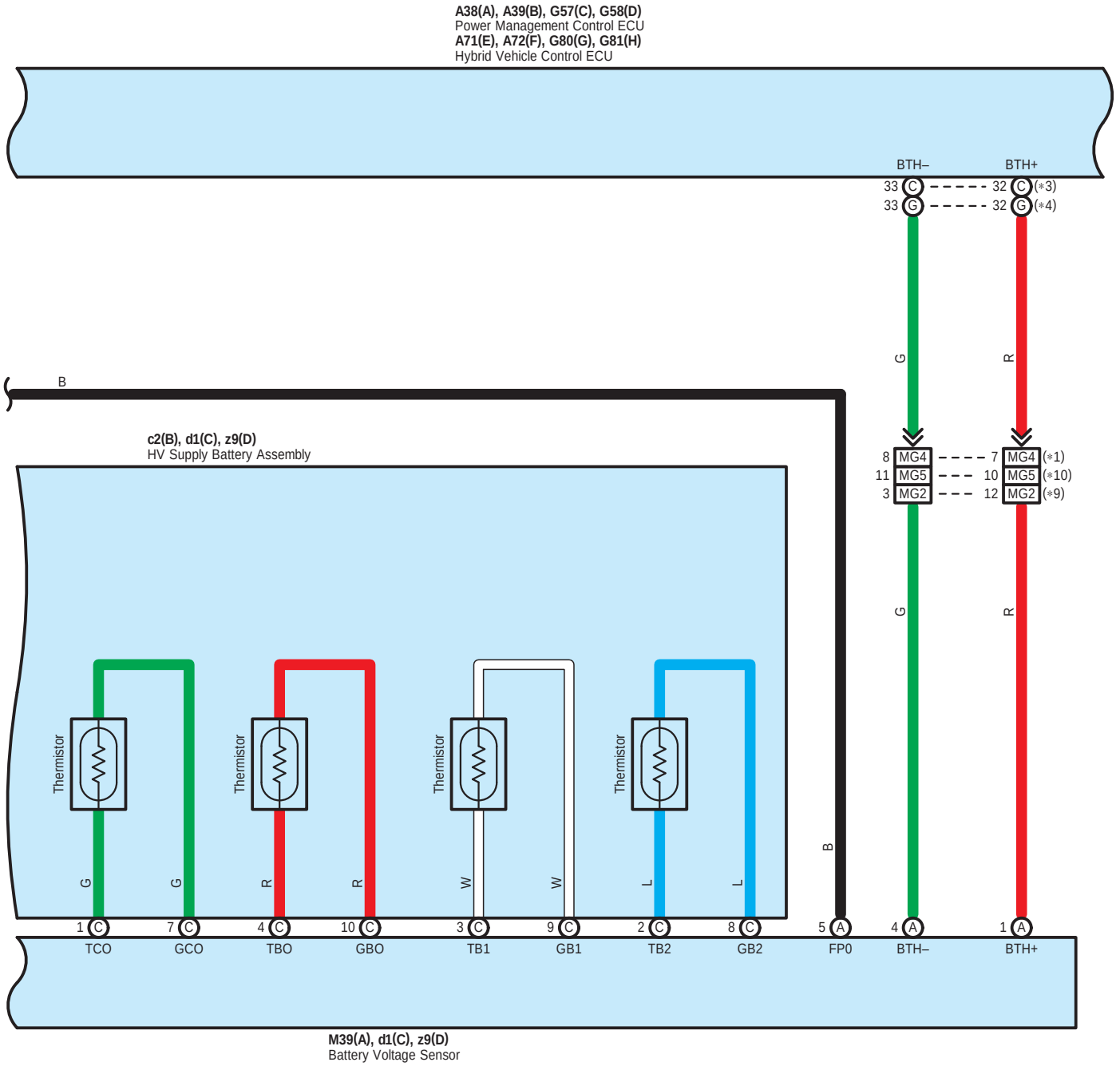


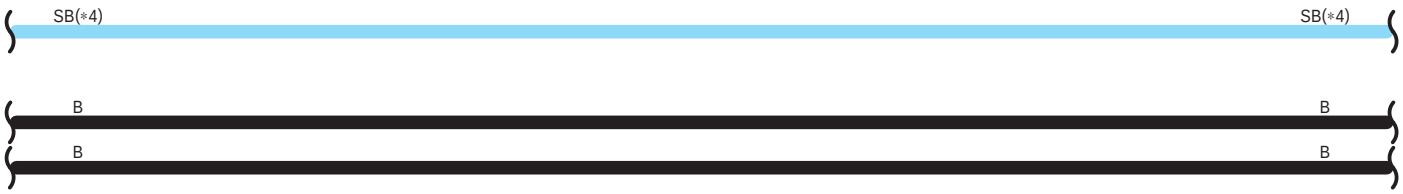
* 3 : Before Dec. 2014 Production
* 4 : From Dec. 2014 Production
* 8 : Before Jun. 2017 Production
* 9 : From Jun. 2017 Production

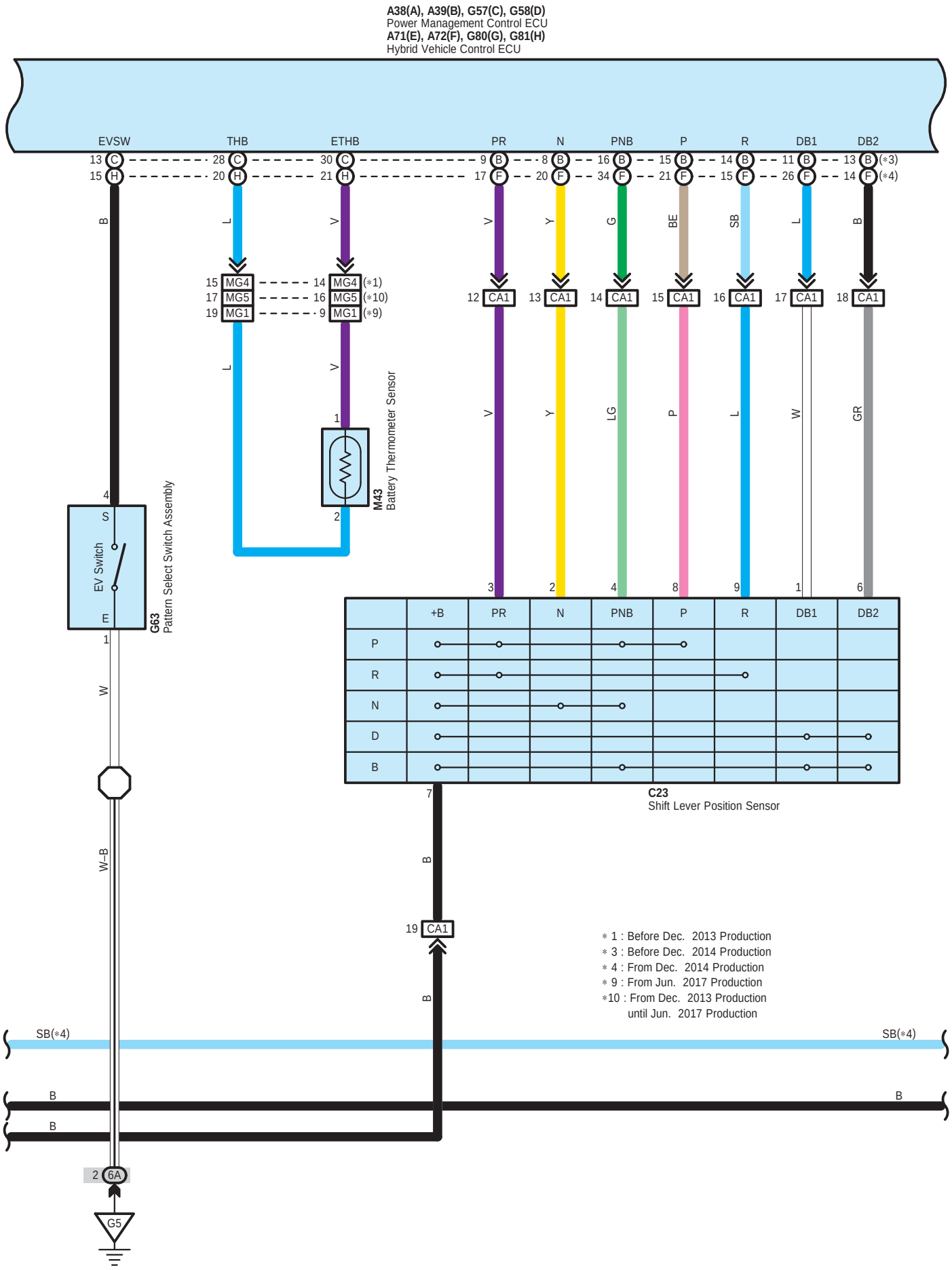

A38(A), A39(B), G57(C), G58(D)
Power Management Control ECU
A71(E), A72(F), G80(G), G81(H)
Hybrid Vehicle Control ECU
SI0
29 A (*3)
29 H (*4)
A/C Amplifier Assembly
Compressor with Motor Assembly
L (*9)
O–B
O–W
Y (*4)
Y (*3)
15 MG1
7 AM1
2 A IDH
1 D ACPB
2 D ACPE
A47(A), B1(B), C28(C), D2(D), P1(E), a2(F), a4(G)
Inverter with Converter Assembly
GND1 GND2 ILKO DRN5 GI CBI CEI
28 A 27 A 36 A 30 A 29 A 2 E 1 E
W W LG BR B W B
8 AM1
LG
1 ILK GND
M42 Interlock Switch (Service Plug Grip)
2
W–B
(Shielded)
3 SI0 FP0
IG0 GND0
M41 Battery Cooling Blower Assembly
1 4
LG W–B
6 AM1
M46(A), M49(B) Junction Connector
5 A (*8)
2 B (*9)
12 A (*8)
1 B (*9)
26 3D
8 3B
W–B
LG
L
SB
(*4)
SB(*4)
B
W
1 7A
A1 A4 G6 M1


A38(A), A39(B), G57(C), G58(D)
Power Management Control ECU
A71(E), A72(F), G80(G), G81(H)
Hybrid Vehicle Control ECU
SMRP
SMRG
SMRB
3 C
3 G
2 C
1 G
4 C (*3)
4 G (*4)
W
Y
SB
3 MG4
14 MG5
5 MG2
5 MG4
8 MG5
4 MG2
4 MG4 (*1)
15 MG5 (*10)
15 MG2 (*9)
B
O
B
M40(A), P4(B), P5(C), c1(D), d2(E)
Hybrid Battery Junction Block Assembly
4 A
3 A
1 A
1 D
SMRP
SMRG
SMRB
–
Precharge Relay
Resistor
Main Relay No. 1
Current Sensor
Main Relay No. 2
+
CEI
CBI
GND
VIB
GIB
IB
1 B
1 C
2 A
1 E
2 E
3 E
B
W
W–B
BR
B
Y
B
W
W–B
Y
B
BR
L
SB(*4)
W–B
B
B
L
SB(*4)
W–B
B
B

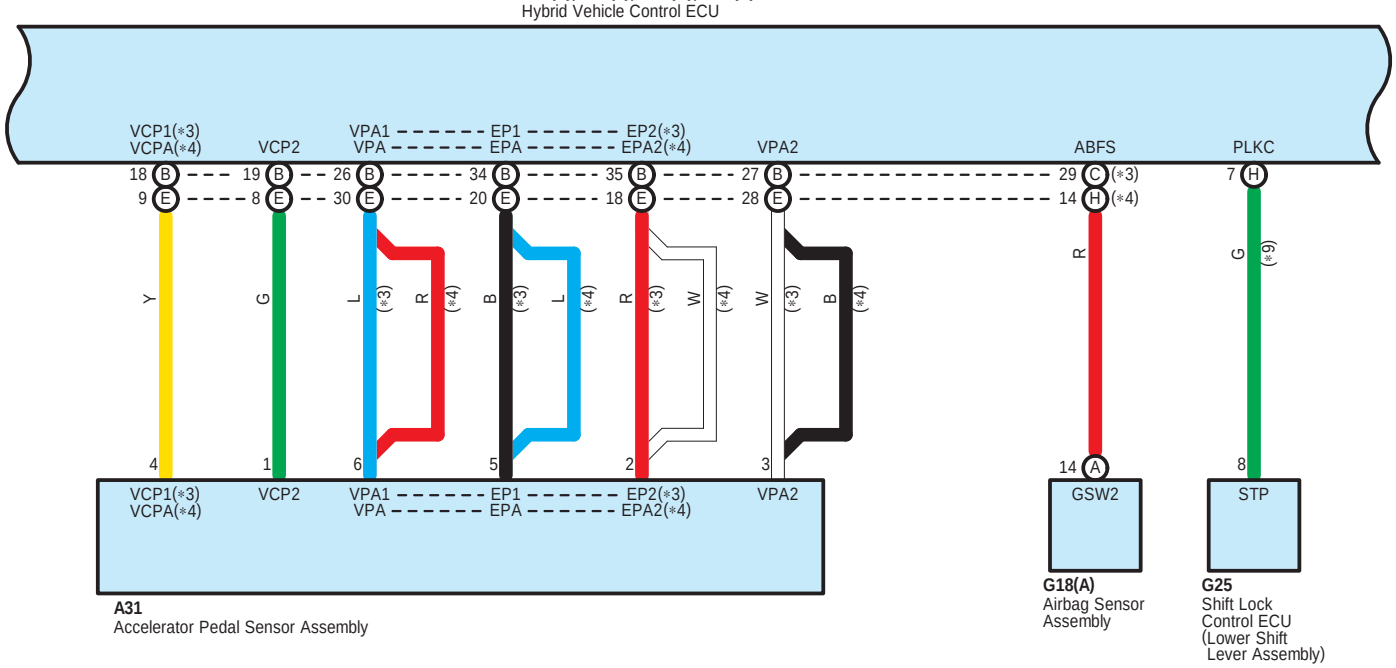

A38(A), A39(B), G57(C), G58(D)
Power Management Control ECU
A71(E), A72(F), G80(G), G81(H)
Hybrid Vehicle Control ECU
∗ 1 : Before Dec. 2013 Production
∗ 3 : Before Dec. 2014 Production
∗ 4 : From Dec. 2014 Production
∗ 9 : From Jun. 2017 Production
∗10 : From Dec. 2013 Production until Jun. 2017 Production
O
B
B
c2(B), d1(C), z9(D)
HV Supply Battery Assembly
1 B
–
Service Plug
O–B
O
Busbar Module
Busbar Module
Hybrid Vehicle Battery
Busbar Module
VB10 VB9 VB8 VB7 VB6 VB5 VB4 VB3 VB2 VB1 GB0
G–B L–B R–W B–W G–W L–W P R B G L
15 D VB10
6 D VB9
16 D VB8
7 D VB7
17 D VB6
8 D VB5
18 D VB4
9 D VB3
19 D VB2
10 D VB1
20 D GB0
M39(A), d1(C), z9(D)
Battery Voltage Sensor
IB GIB VIB GND IGCT
5 C
12 C
6 C
6 A
3 A
Y
B
BR
L
SB(∗4)
W–B
B
B
9 AM1
SB(∗4)
B
B


A38(A), A39(B), G57(C), G58(D)
Power Management Control ECU
A71(E), A72(F), G80(G), G81(H)
Hybrid Vehicle Control ECU
BTH–
BTH+
33 C 32 C (*3)
33 G 32 G (*4)
G
R
B
c2(B), d1(C), z9(D)
HV Supply Battery Assembly
8 MG4 7 MG4 (*1)
11 MG5 10 MG5 (*10)
3 MG2 12 MG2 (*9)
Thermistor
Thermistor
Thermistor
Thermistor
G
G
R
R
W
W
L
L
B
1 C TCO
7 C GCO
4 C TBO
10 C GBO
3 C TB1
9 C GB1
2 C TB2
8 C GB2
5 A FP0
4 A BTH–
1 A BTH+
M39(A), d1(C), z9(D)
Battery Voltage Sensor


SB(*4)
SB(*4)
B
B
B
B


A38(A), A39(B), G57(C), G58(D)
Power Management Control ECU
A71(E), A72(F), G80(G), G81(H)
Hybrid Vehicle Control ECU
EVSW
THB
ETHB
PR
N
PNB
P
R
DB1
DB2
13 C
15 H
28 C
20 H
30 C
21 H
9 B
17 F
8 B
20 F
16 B
34 F
15 B
21 F
14 B
15 F
11 B
26 F
13 B (*3)
14 F (*4)
B
L
V
V
Y
G
BE
SB
L
B
15 MG4
17 MG5
19 MG1
14 MG4 (*1)
16 MG5 (*10)
9 MG1 (*9)
12 CA1
13 CA1
14 CA1
15 CA1
16 CA1
17 CA1
18 CA1
M43
Battery Thermometer Sensor
V
Y
LG
P
L
W
GR
4
S
EV Switch
E
G63
Pattern Select Switch Assembly
1
W
W–B
3
2
4
8
9
1
6
+B
PR
N
PNB
P
R
DB1
DB2
P
R
N
D
B
7
B
19 CA1
B
C23
Shift Lever Position Sensor
* 1 : Before Dec. 2013 Production
* 3 : Before Dec. 2014 Production
* 4 : From Dec. 2014 Production
* 9 : From Jun. 2017 Production
*10 : From Dec. 2013 Production
until Jun. 2017 Production
SB(*4)
SB(*4)
B
B
B
2 6A
G5

A38(A), A39(B), G57(C), G58(D)
Power Management Control ECU
A71(E), A72(F), G80(G), G81(H)
Hybrid Vehicle Control ECU



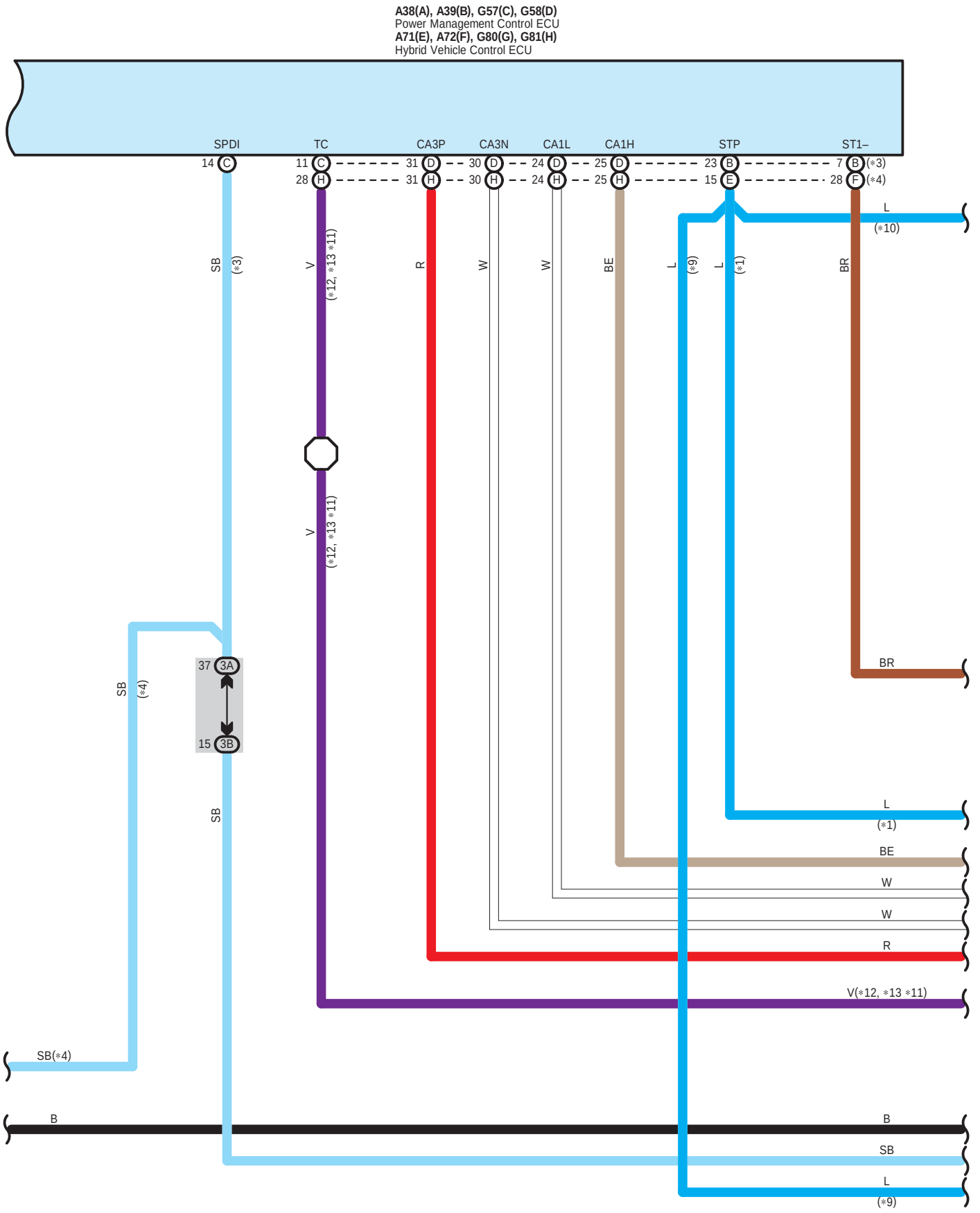
A31
Accelerator Pedal Sensor Assembly

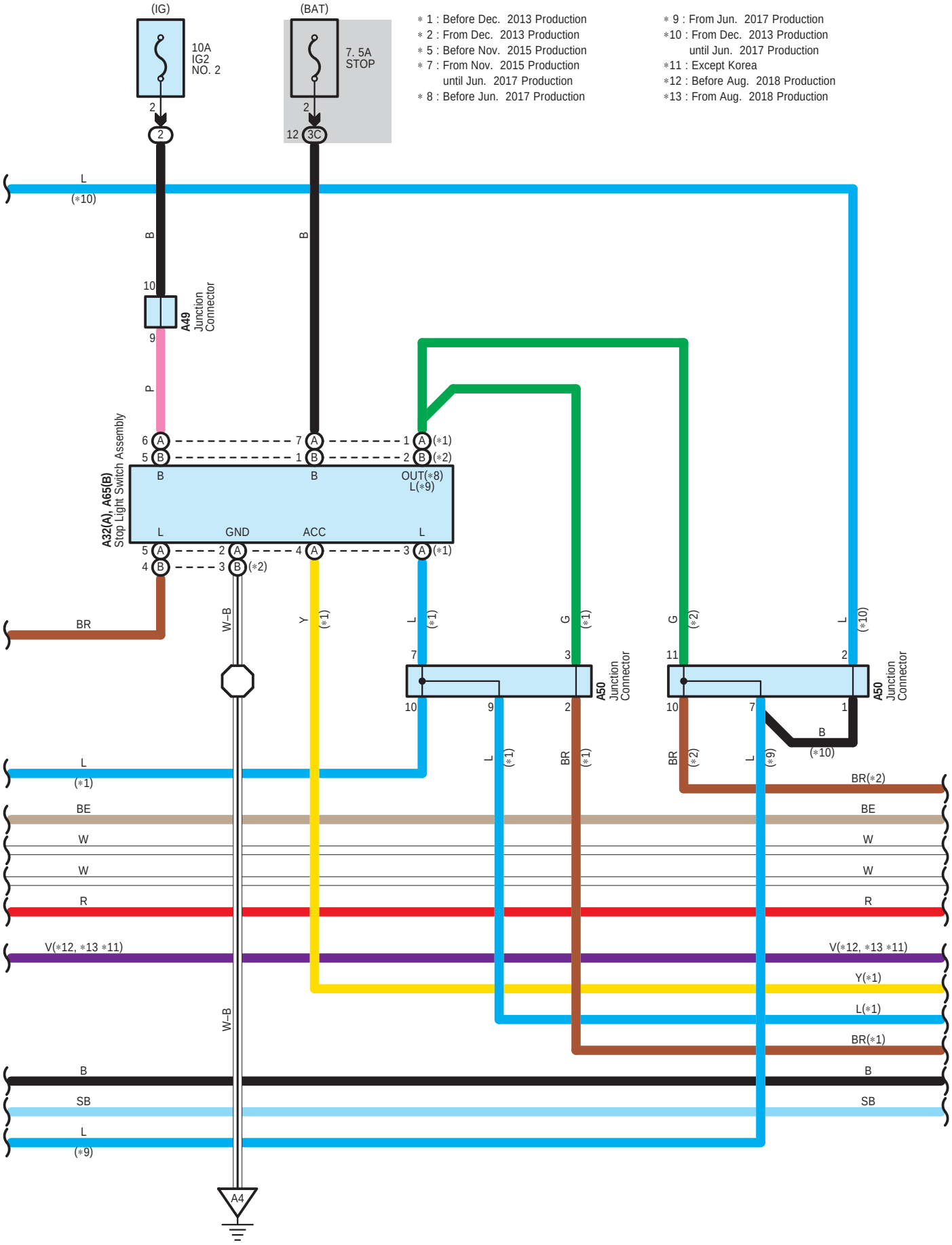
G18(A)
Airbag Sensor Assembly

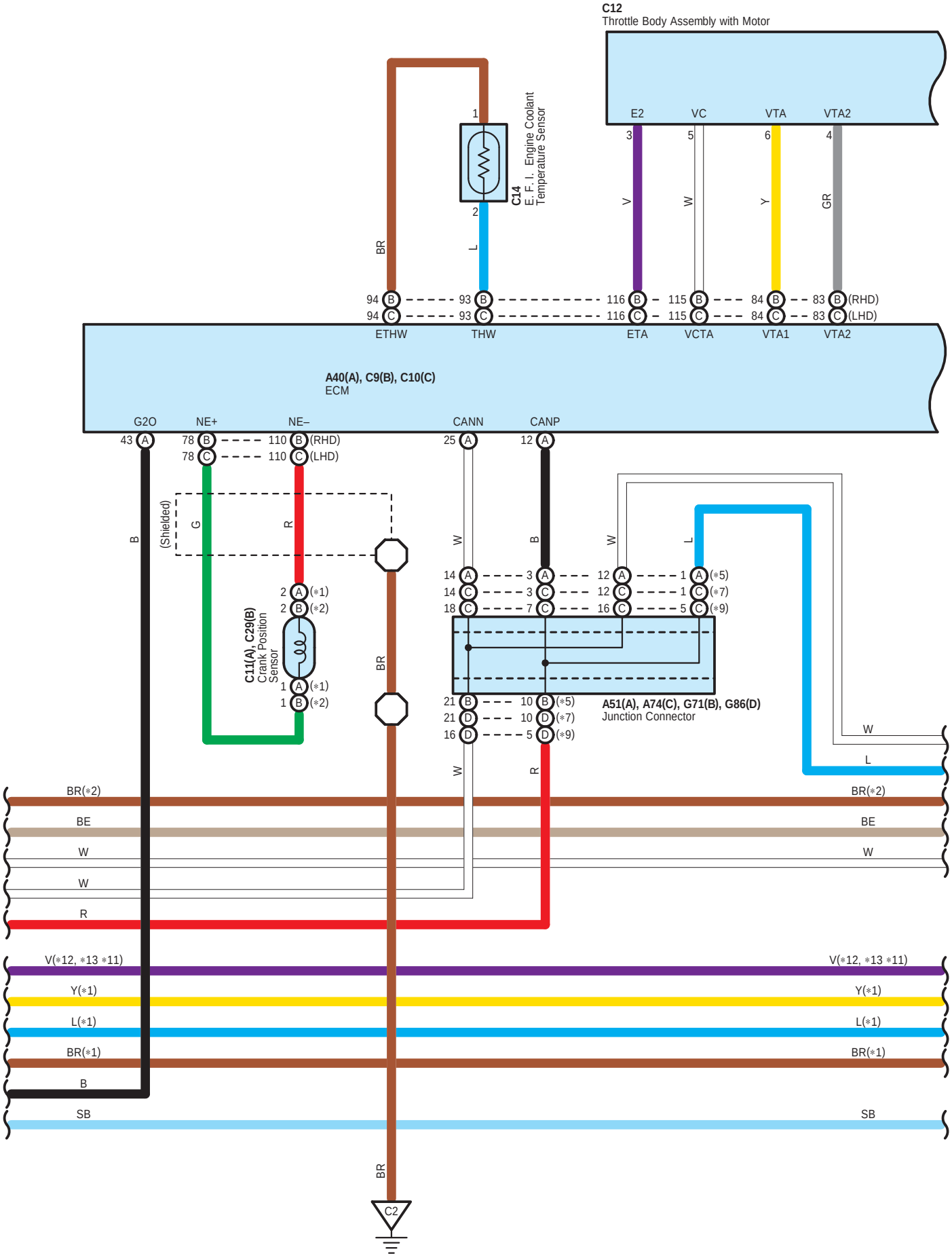
G25
Shift Lock Control ECU (Lower Shift Lever Assembly)

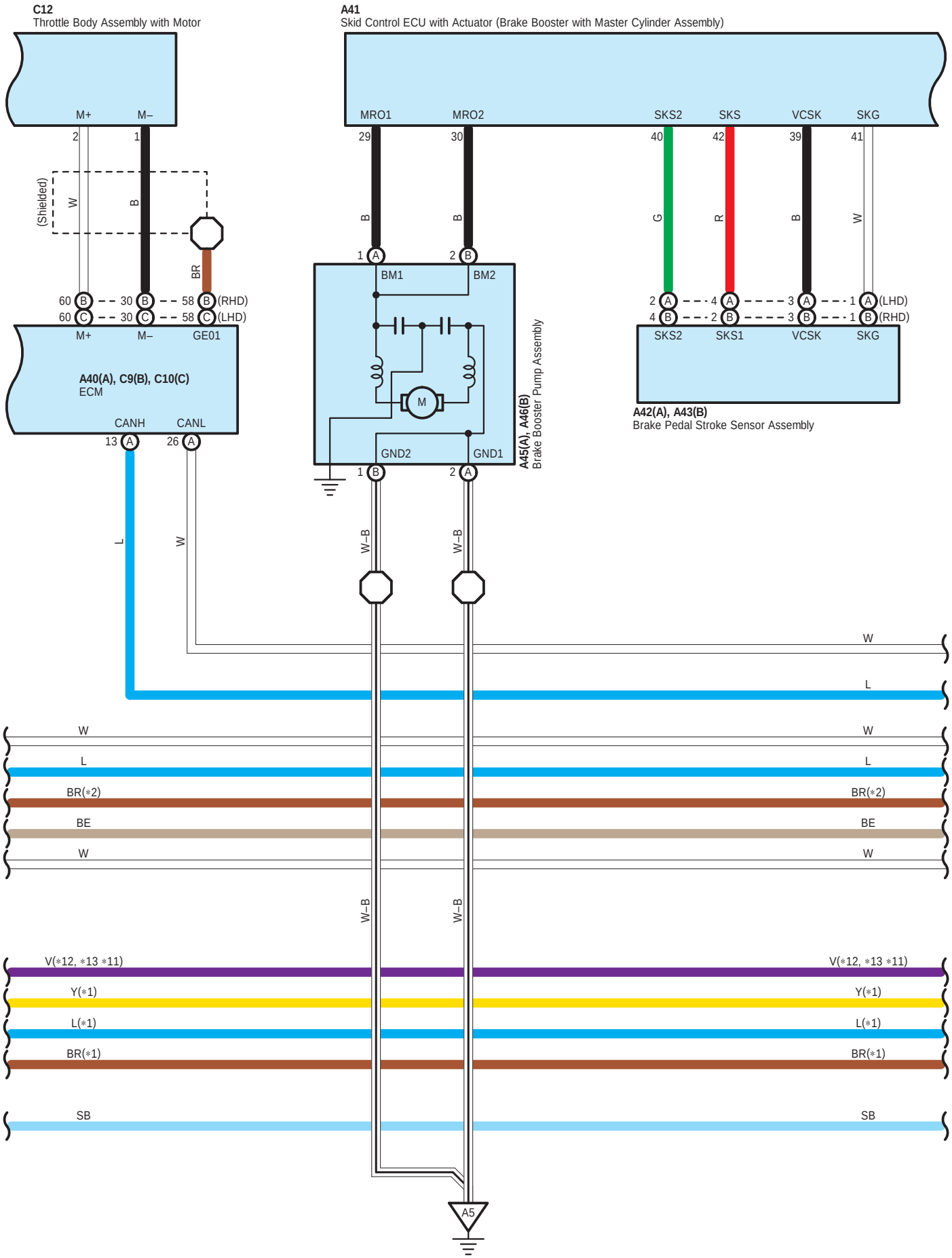
∗ 1 : Before Dec. 2013 Production
∗ 3 : Before Dec. 2014 Production
∗ 4 : From Dec. 2014 Production
∗ 9 : From Jun. 2017 Production
∗10 : From Dec. 2013 Production until Jun. 2017 Production
∗11 : Except Korea
∗12 : Before Aug. 2018 Production
∗13 : From Aug. 2018 Production



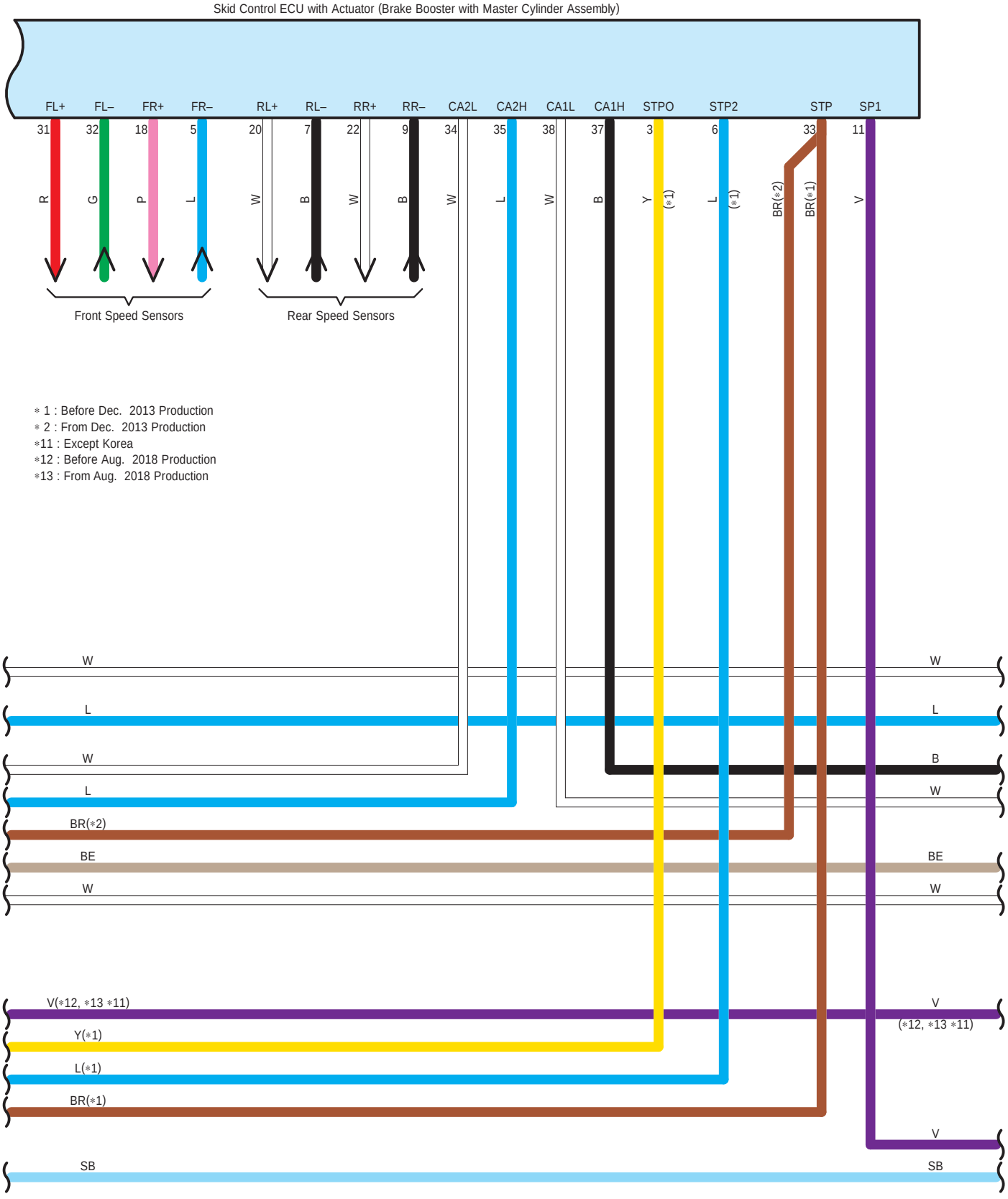

A38(A), A39(B), G57(C), G58(D)
Power Management Control ECU
A71(E), A72(F), G80(G), G81(H)
Hybrid Vehicle Control ECU
SPDI
TC
CA3P
CA3N
CA1L
CA1H
STP
ST1–
14 C
11 C
28 H
31 D
31 H
30 D
30 H
24 D
24 H
25 D
25 H
23 B
15 E
7 B (*3)
28 F (*4)
SB (*3)
V (*12, *13 *11)
R
W
W
BE
L (*9)
L (*1)
BR
L (*10)
BR
L (*1)
BE
W
W
R
V(*12, *13 *11)
37 3A
15 3B
SB (*4)
SB
SB(*4)
B
B
SB
L (*9)


(IG)
10A
IG2
NO. 2
(BAT)
7. 5A
STOP
∗ 1 : Before Dec. 2013 Production
∗ 2 : From Dec. 2013 Production
∗ 5 : Before Nov. 2015 Production
∗ 7 : From Nov. 2015 Production
until Jun. 2017 Production
∗ 8 : Before Jun. 2017 Production
∗ 9 : From Jun. 2017 Production
∗10 : From Dec. 2013 Production
until Jun. 2017 Production
∗11 : Except Korea
∗12 : Before Aug. 2018 Production
∗13 : From Aug. 2018 Production
A49
Junction
Connector
A32(A), A65(B)
Stop Light Switch Assembly
OUT(∗8)
L(∗9)
L
GND
ACC
L
A50
Junction
Connector
A50
Junction
Connector
BR
W–B
L
(∗1)
BE
W
W
R
V(∗12, ∗13 ∗11)
Y(∗1)
L(∗1)
BR(∗1)
B
SB
L
(∗9)
BR(∗2)
B
(∗10)
A4

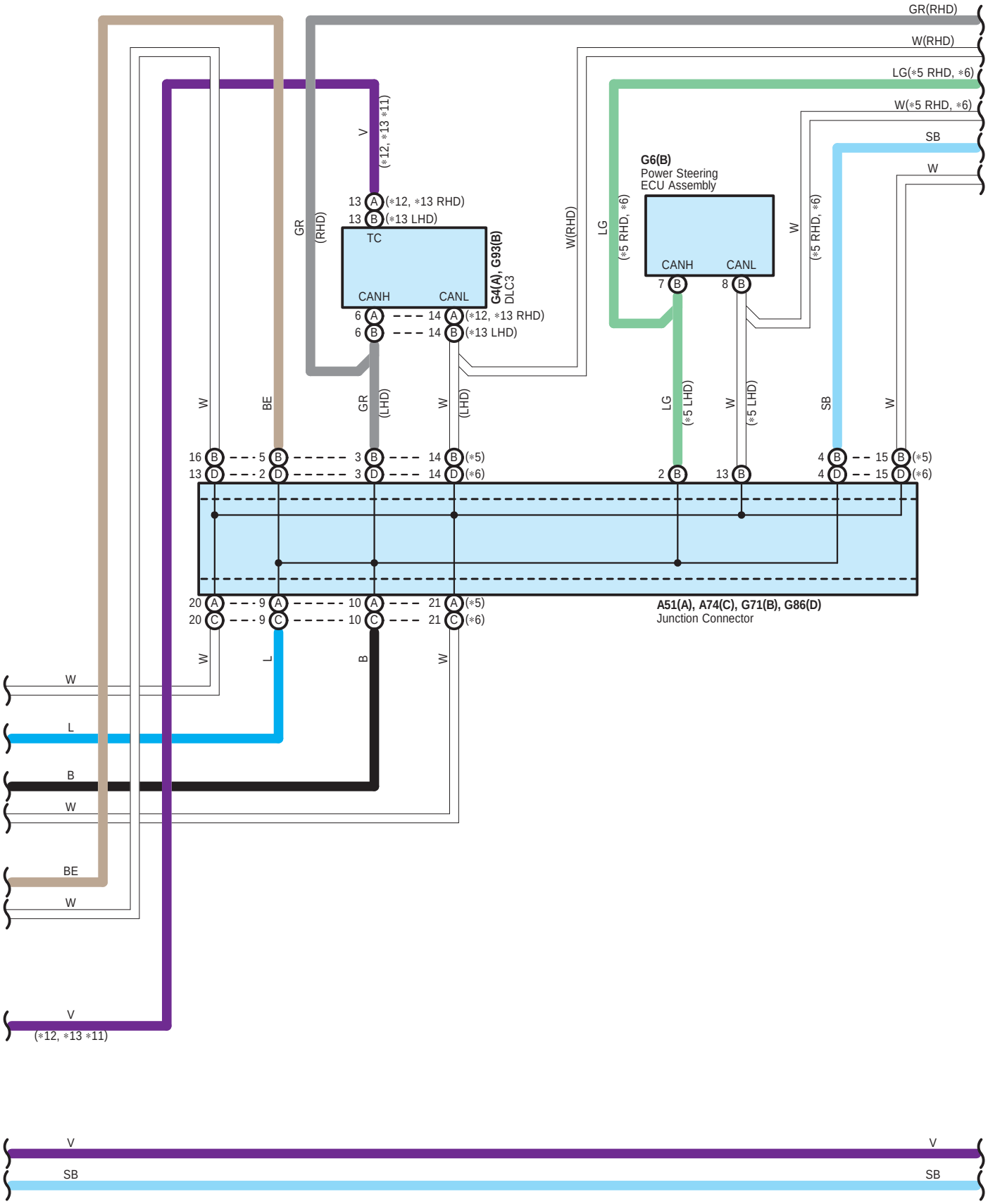

C12
Throttle Body Assembly with Motor
E2
VC
VTA
VTA2
C14
E. F. I. Engine Coolant Temperature Sensor
ETHW
THW
ETA
VCTA
VTA1
VTA2
(RHD)
(LHD)
A40(A), C9(B), C10(C)
ECM
G2O
NE+
NE–
CANN
CANP
(Shielded)
C11(A), C29(B)
Crank Position Sensor
A51(A), A74(C), G71(B), G86(D)
Junction Connector
BR(*2)
BE
W
R
V(*12, *13 *11)
Y(*1)
L(*1)
BR(*1)
B
SB
C2

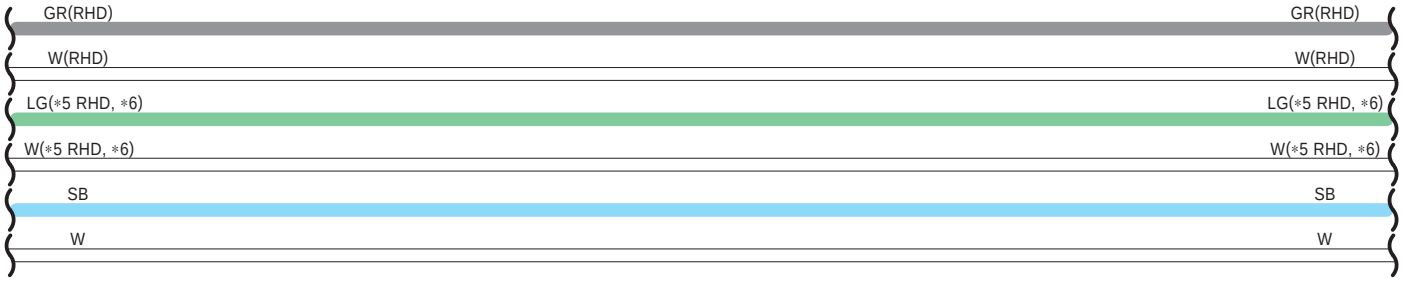

C12
Throttle Body Assembly with Motor
M+
M–
2
1
(Shielded)
W
B
BR
60 B
60 C
30 B
30 C
58 B
58 C
(RHD)
(LHD)
M+
M–
GE01
A40(A), C9(B), C10(C)
ECM
CANH
CANL
13 A
26 A
A41
Skid Control ECU with Actuator (Brake Booster with Master Cylinder Assembly)
MRO1
MRO2
29
30
1 A
2 B
BM1
BM2
M
GND2
GND1
1 B
2 A
A45(A), A46(B)
Brake Booster Pump Assembly
SKS2
SKS
VCSK
SKG
40
42
39
41
G
R
B
W
2 A
4 B
4 A
2 B
3 A
3 B
1 A
1 B
(LHD)
(RHD)
SKS2
SKS1
VCSK
SKG
A42(A), A43(B)
Brake Pedal Stroke Sensor Assembly
L
W
W–B
W–B
W
L
W
L
BR(*2)
BE
W
W
L
BR(*2)
BE
W
W–B
W–B
V(*12, *13 *11)
Y(*1)
L(*1)
BR(*1)
SB
V(*12, *13 *11)
Y(*1)
L(*1)
BR(*1)
SB
A5

A41
Skid Control ECU with Actuator (Brake Booster with Master Cylinder Assembly)

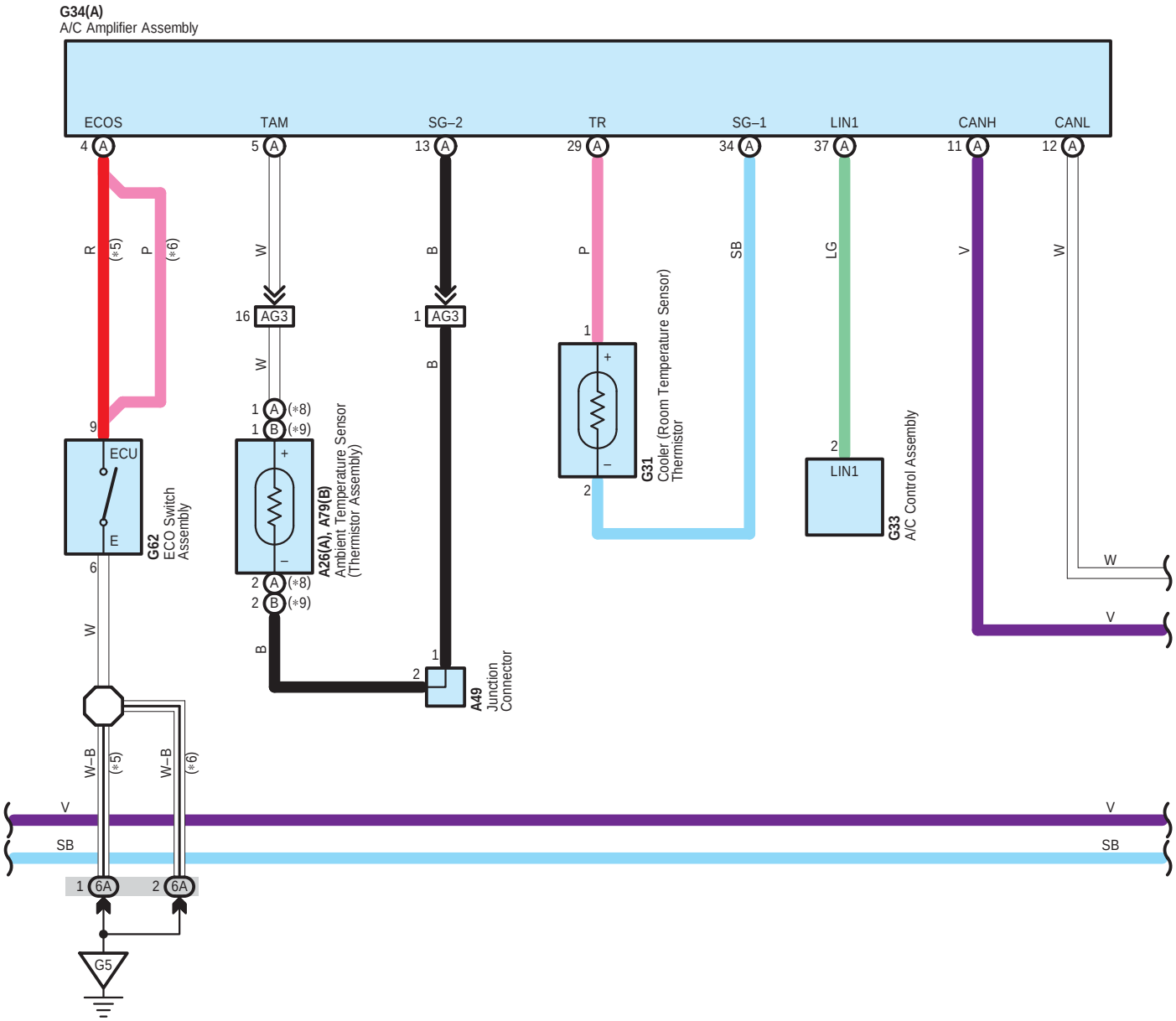


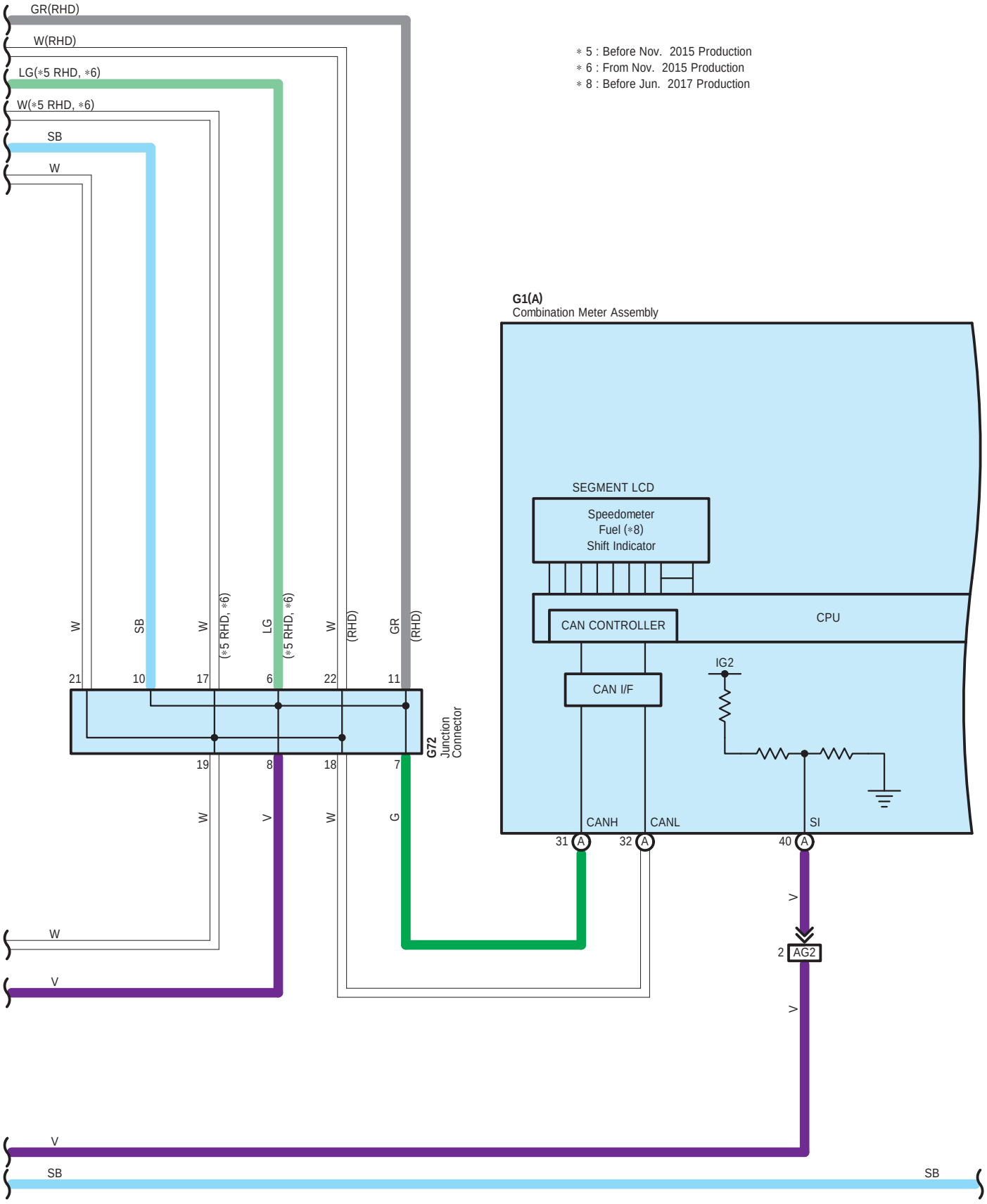
* 1 : Before Dec. 2013 Production
* 2 : From Dec. 2013 Production
*11 : Except Korea
*12 : Before Aug. 2018 Production
*13 : From Aug. 2018 Production

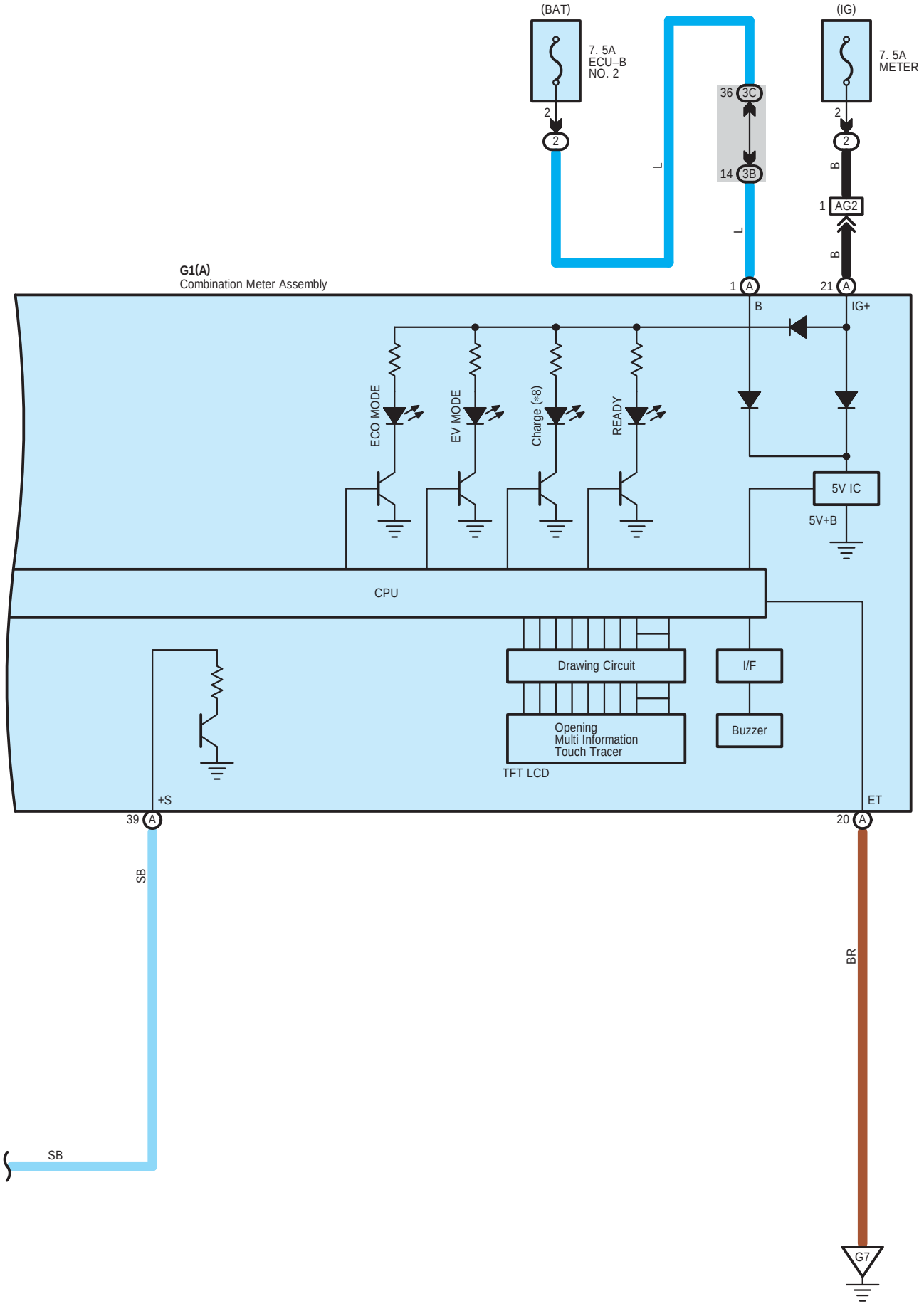

GR(RHD)
W(RHD)
LG(∗5 RHD, ∗6)
W(∗5 RHD, ∗6)
SB
W
V
(∗12, ∗13 ∗11)
13 A (∗12, ∗13 RHD)
13 B (∗13 LHD)
TC
CANH
CANL
G4(A), G93(B)
DLC3
6 A
6 B
14 A (∗12, ∗13 RHD)
14 B (∗13 LHD)
GR (RHD)
W(RHD)
G6(B)
Power Steering
ECU Assembly
CANH
CANL
7 B
8 B
LG (∗5 RHD, ∗6)
W (∗5 RHD, ∗6)
W
BE
GR (LHD)
W (LHD)
LG (∗5 LHD)
W (∗5 LHD)
SB
W
16 B
13 D
5 B
2 D
3 B
3 D
14 B (∗5)
14 D (∗6)
2 B
13 B
4 B
4 D
15 B (∗5)
15 D (∗6)
20 A
20 C
9 A
9 C
10 A
10 C
21 A (∗5)
21 C (∗6)
A51(A), A74(C), G71(B), G86(D)
Junction Connector
W
L
B
W
BE
W
V
(∗12, ∗13 ∗11)
V
SB
V
SB



∗ 5 : Before Nov. 2015 Production
∗ 6 : From Nov. 2015 Production
∗ 8 : Before Jun. 2017 Production
∗ 9 : From Jun. 2017 Production
∗11 : Except Korea
∗12 : Before Aug. 2018 Production
∗13 : From Aug. 2018 Production



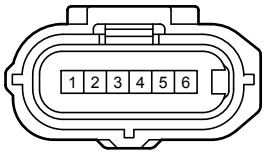

GR(RHD)
W(RHD)
LG(∗5 RHD, ∗6)
W(∗5 RHD, ∗6)
SB
W
∗ 5 : Before Nov. 2015 Production
∗ 6 : From Nov. 2015 Production
∗ 8 : Before Jun. 2017 Production
G1(A)
Combination Meter Assembly
SEGMENT LCD
Speedometer
Fuel (∗8)
Shift Indicator
CPU
CAN CONTROLLER
CAN I/F
IG2
CANH
CANL
SI
31 A
32 A
40 A
W 21
SB 10
W 17 (∗5 RHD, ∗6)
LG 6 (∗5 RHD, ∗6)
W 22 (RHD)
GR 11 (RHD)
G72 Junction Connector
19 W
8 V
18 W
7 G
W
V
V
2 AG2
V
SB
SB


(BAT)
7. 5A
ECU–B
NO. 2
2
2
L
36 3C
14 3B
L
(IG)
7. 5A
METER
2
2
B
1 AG2
B
G1(A)
Combination Meter Assembly
1 A
B
21 A
IG+
ECO MODE
EV MODE
Charge (*8)
READY
5V IC
5V+B
CPU
Drawing Circuit
I/F
Opening
Multi Information
Touch Tracer
Buzzer
TFT LCD
+S
39 A
ET
20 A
SB
BR
SB
G7

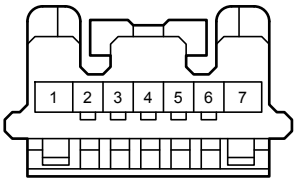
A 26
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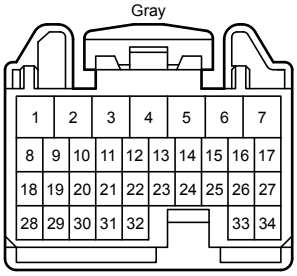
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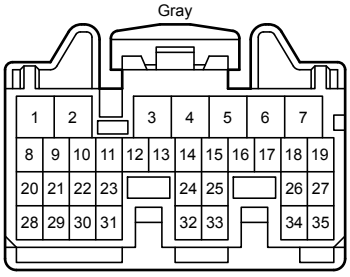
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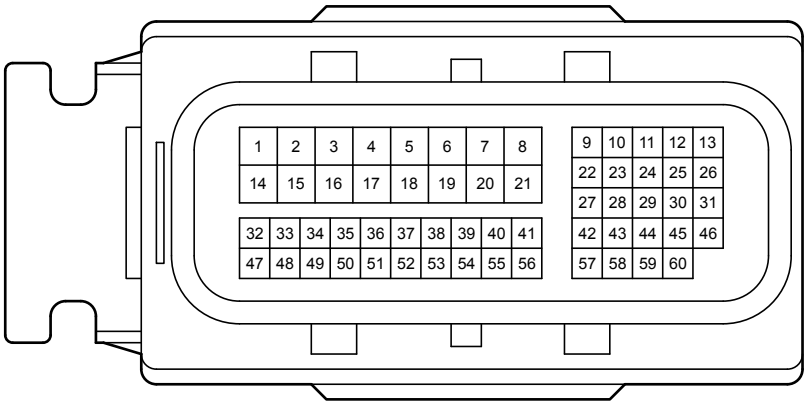
A 38
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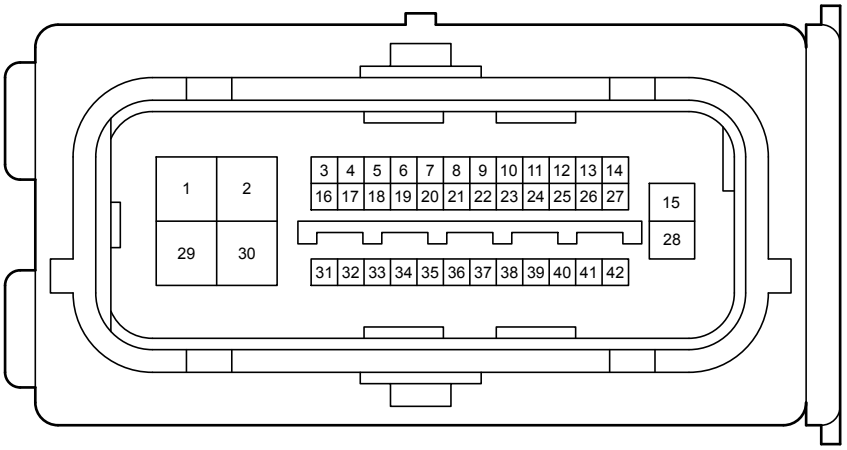
A 39
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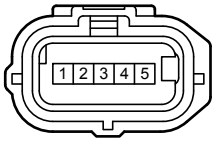
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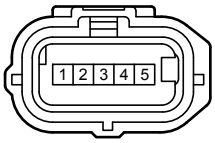
A 41
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A 42
Black



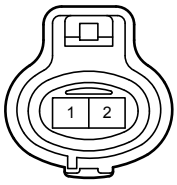
A 43
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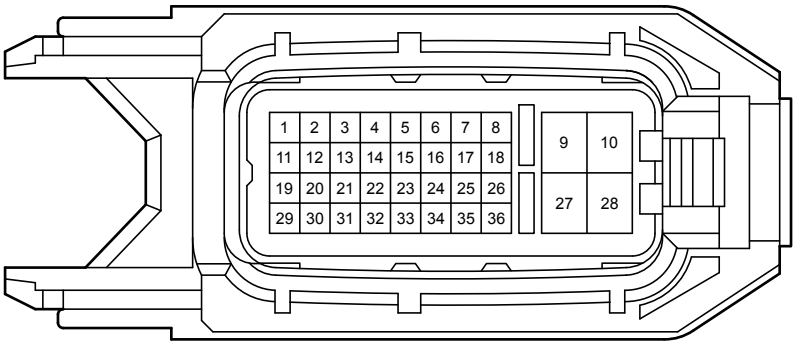
A 45
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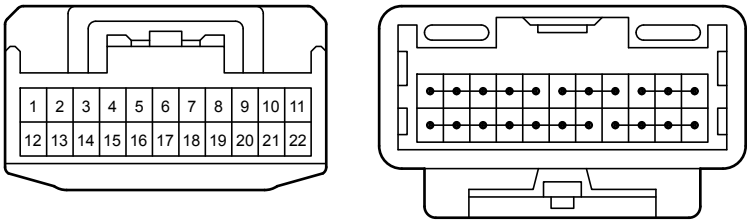
A 46
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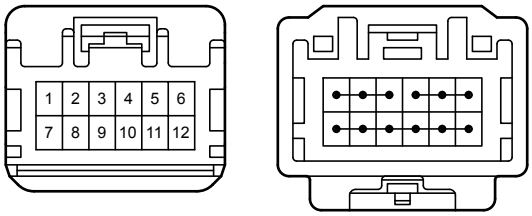
A 47
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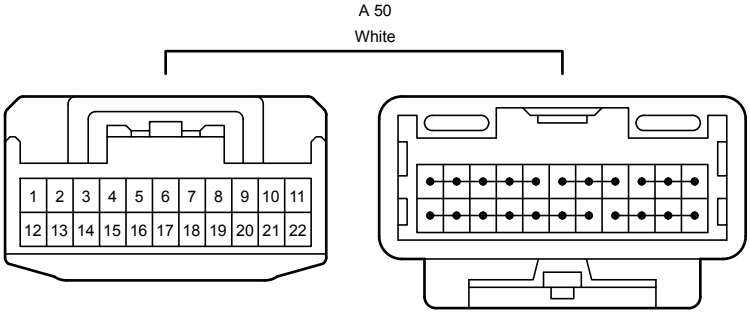
A 48
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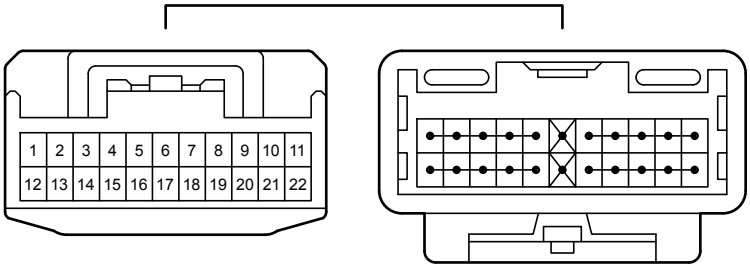
A 49
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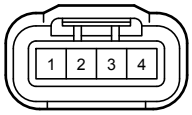
A 50
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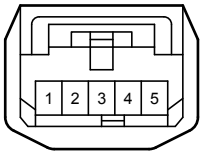
A 51
Blue



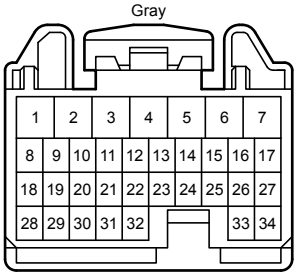
A 53
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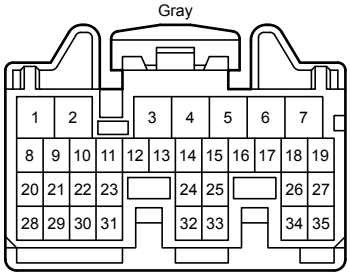
A 65
Blue



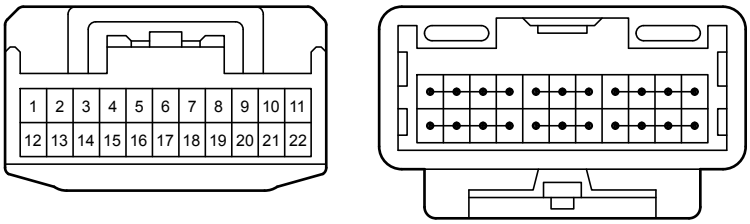
A 71
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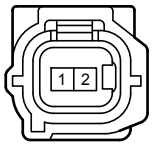
A 72
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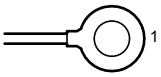
A 74
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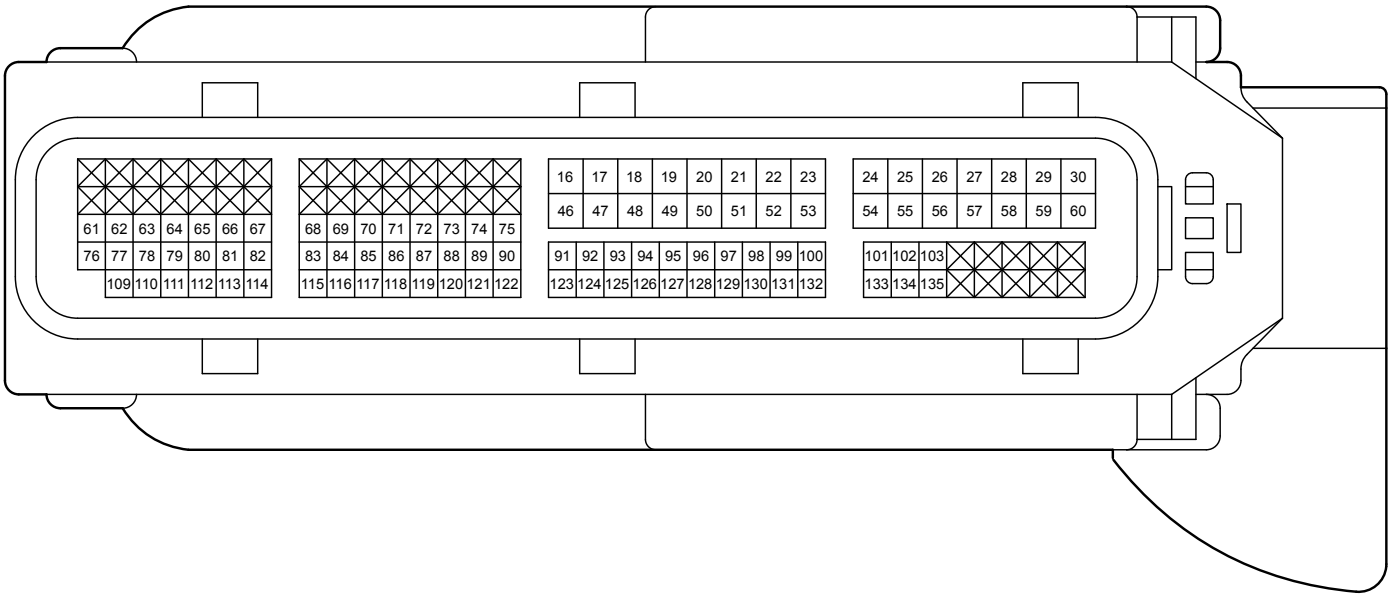
A 79
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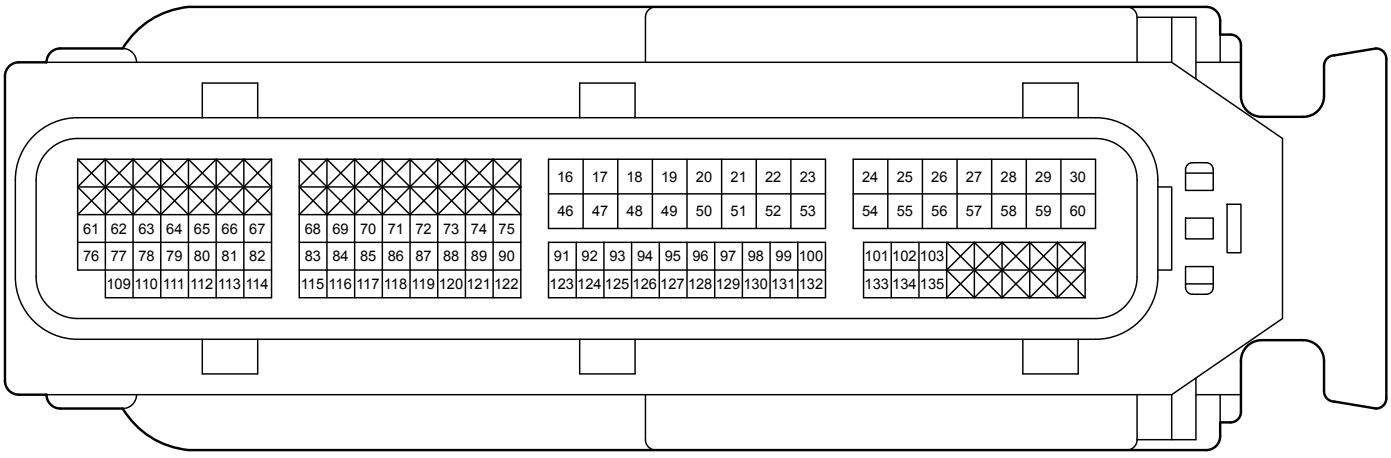
B 1



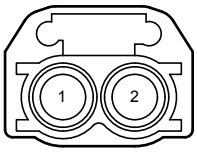
C 9
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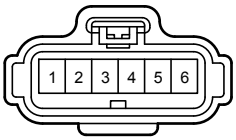
C 10
Black



C 11
Black



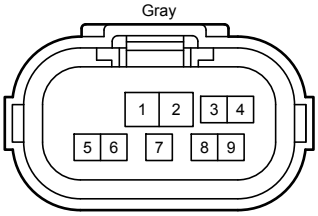
C 12
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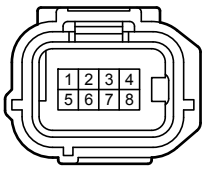
C 14
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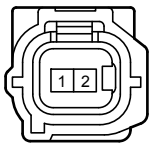
C 23
Gray



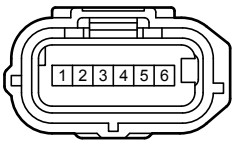
C 24
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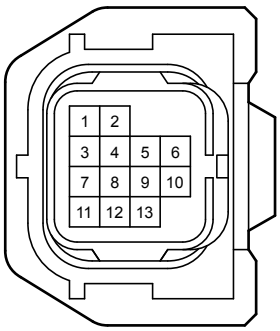
C 25
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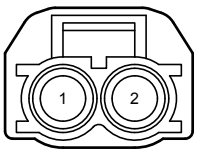
C 26
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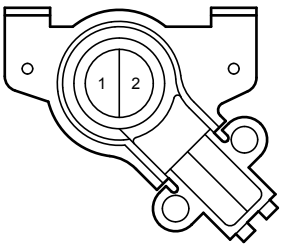
C 28
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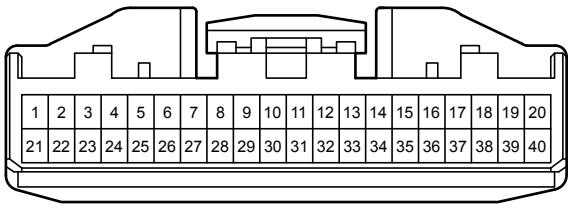
C 29
Black



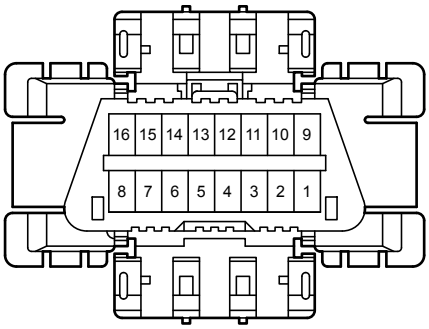
D 2
White



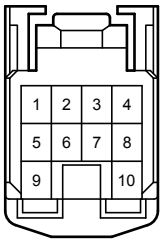
G 1
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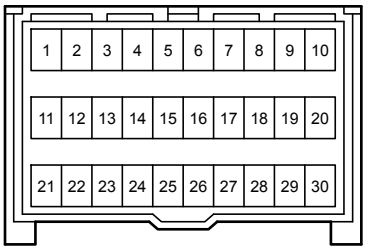
G 4
White



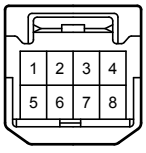
G 6
Black



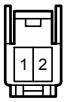
G 18
Yellow



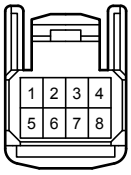
G 25
White



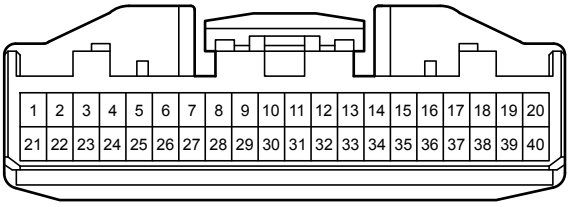
G 31
Black



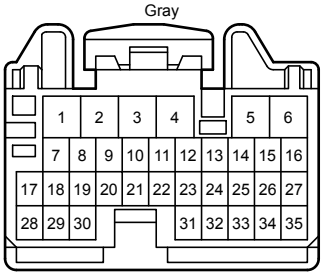
G 33
Black



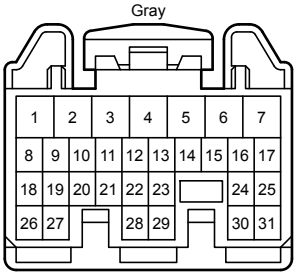
G 34
White



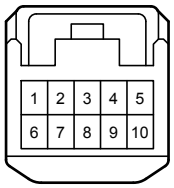
G 57
Gray



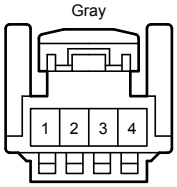
G 58
Gray



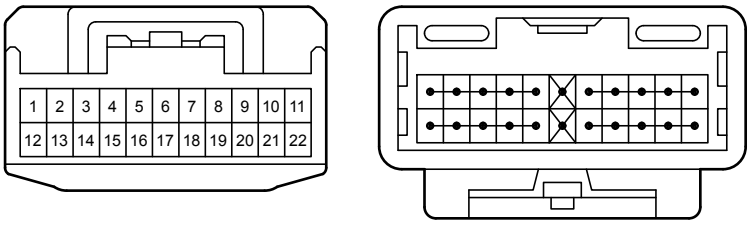
G 62
White



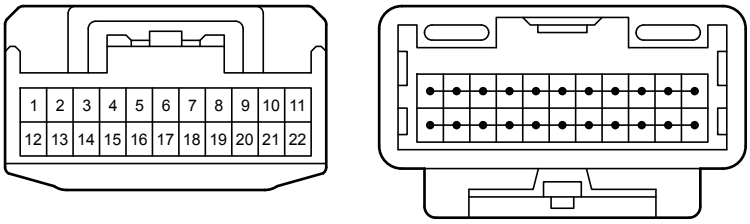
G 63
Gray



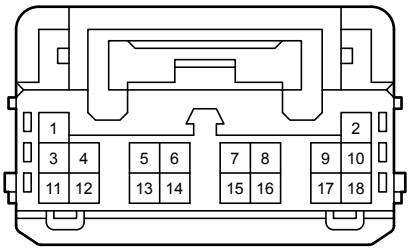
G 71
Blue



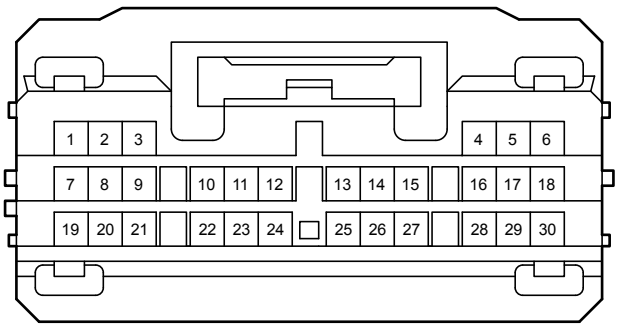
G 72
Gray



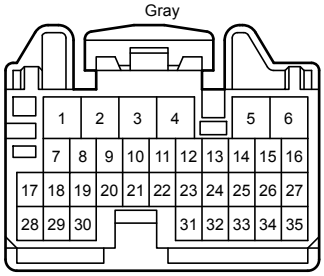
G 77
White



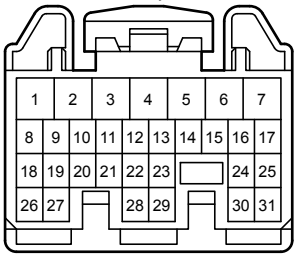
G 79
White



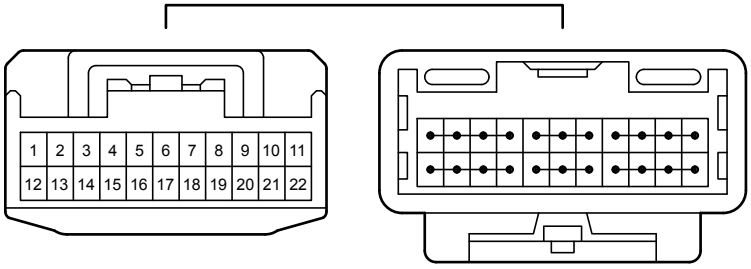
G 80
Gray



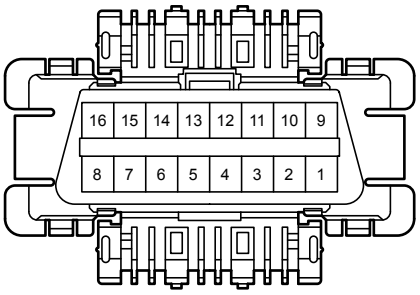
G 81
Gray



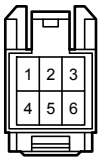
G 86
White



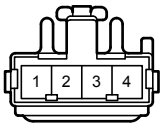
G 93
White



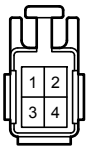
M 39
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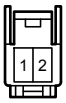
M 40
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M 41
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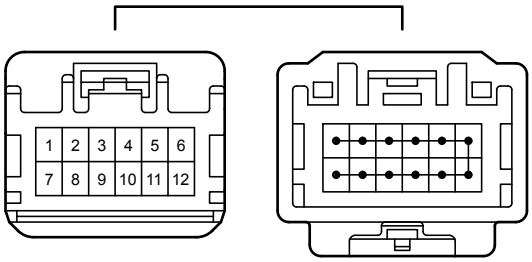
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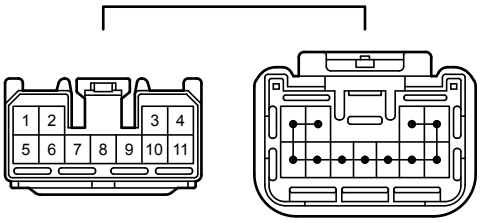
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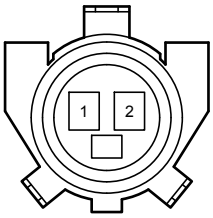
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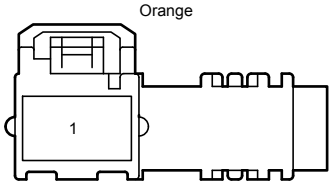
M 49
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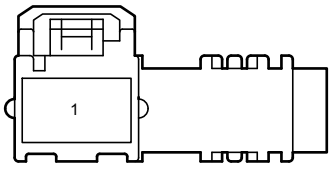
P 1
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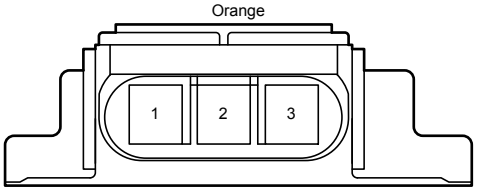
P 4
Orange



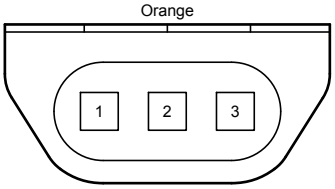
P 5
White



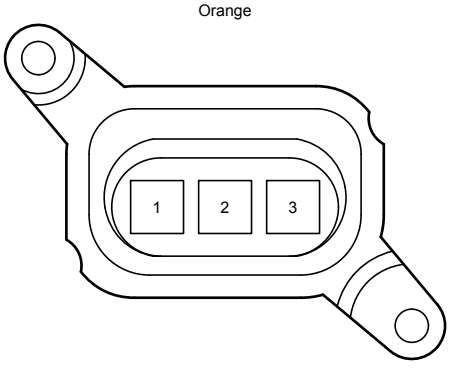
a 1
Orange



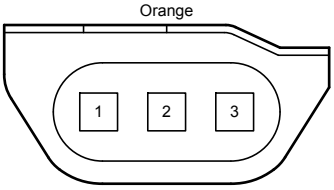
a 2
Orange



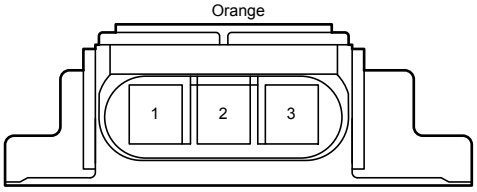
a 3
Orange



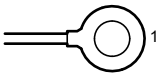
a 4
Orange



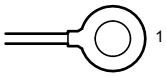
a 5
Orange



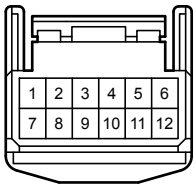
c 1



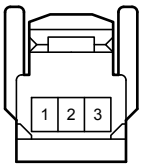
c 2



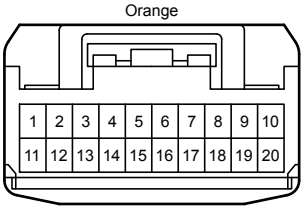
d 1
Black



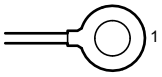
d 2
White



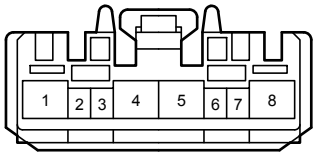
z 9
Orange



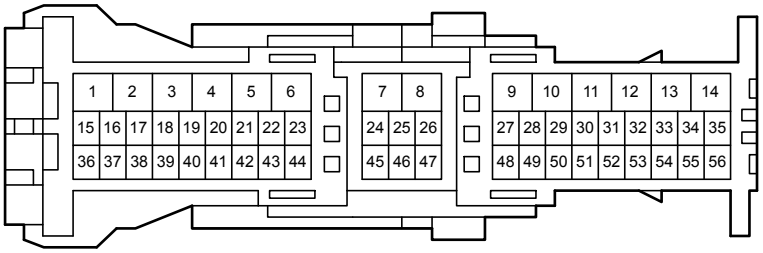
1D



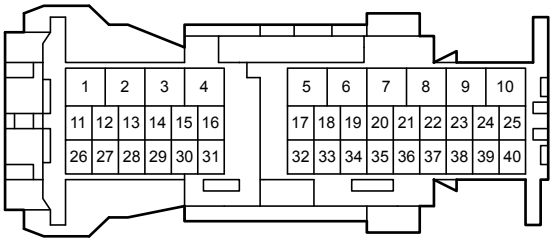
2D
White



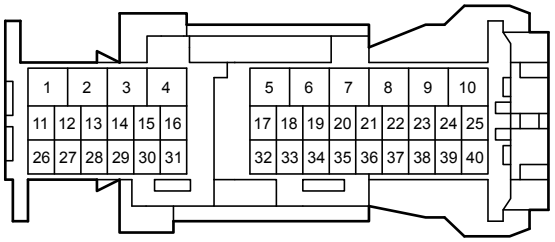
3A
White



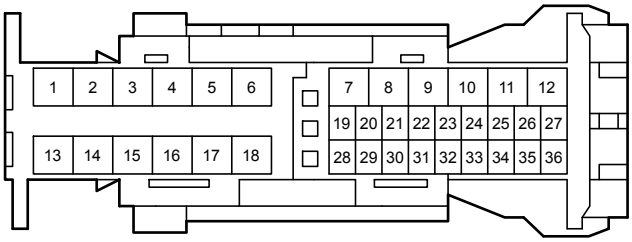
3B
White



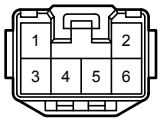
3C
White



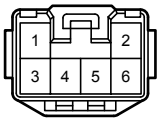
3D
White



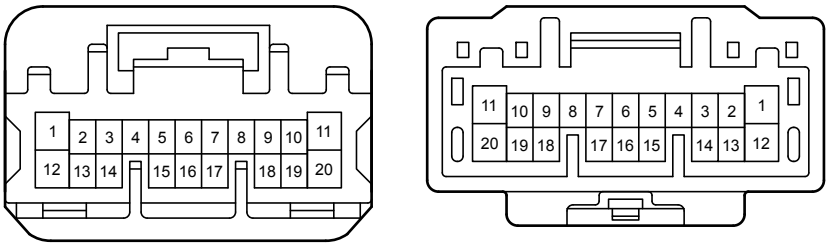
6A
White



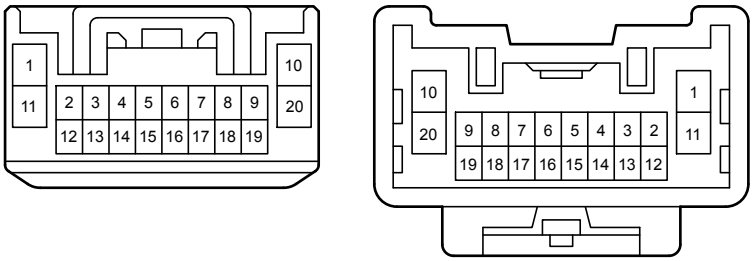
7A
White



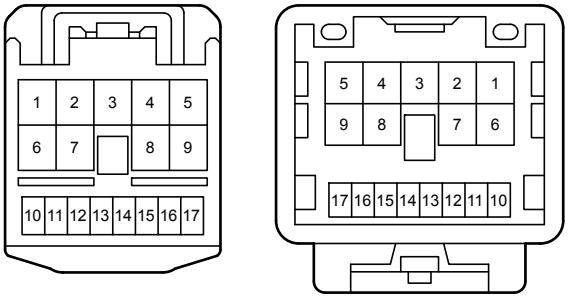
AG2
Black



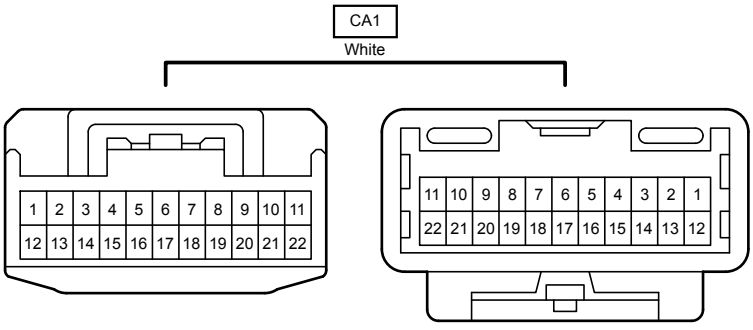
AG3
Gray



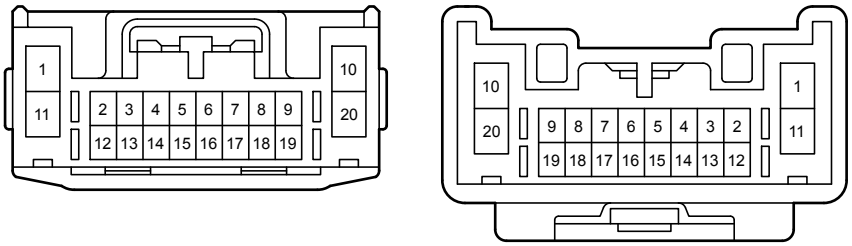
AM1
White



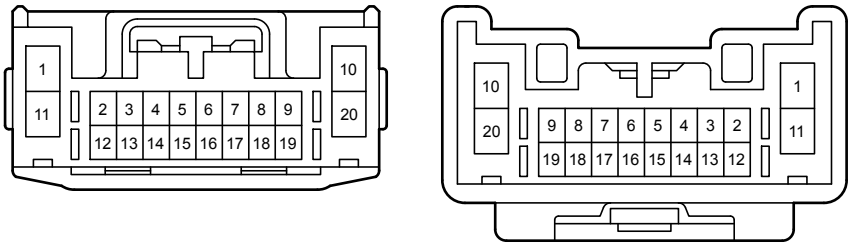
CA1
White



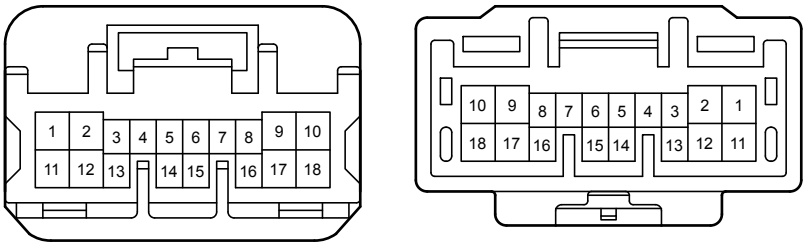
MG1
White



MG2
White



MG4
White



MG5
White

