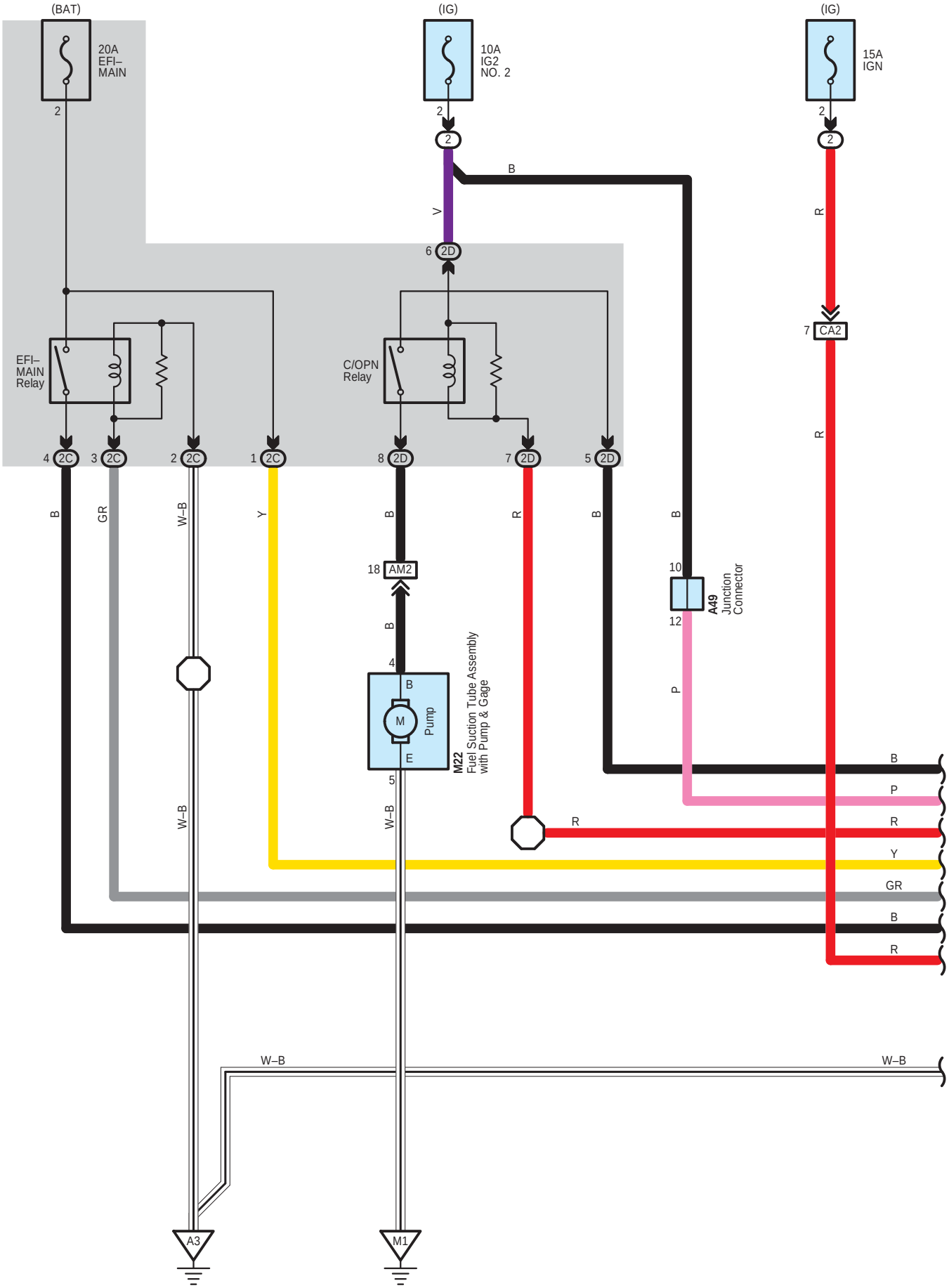
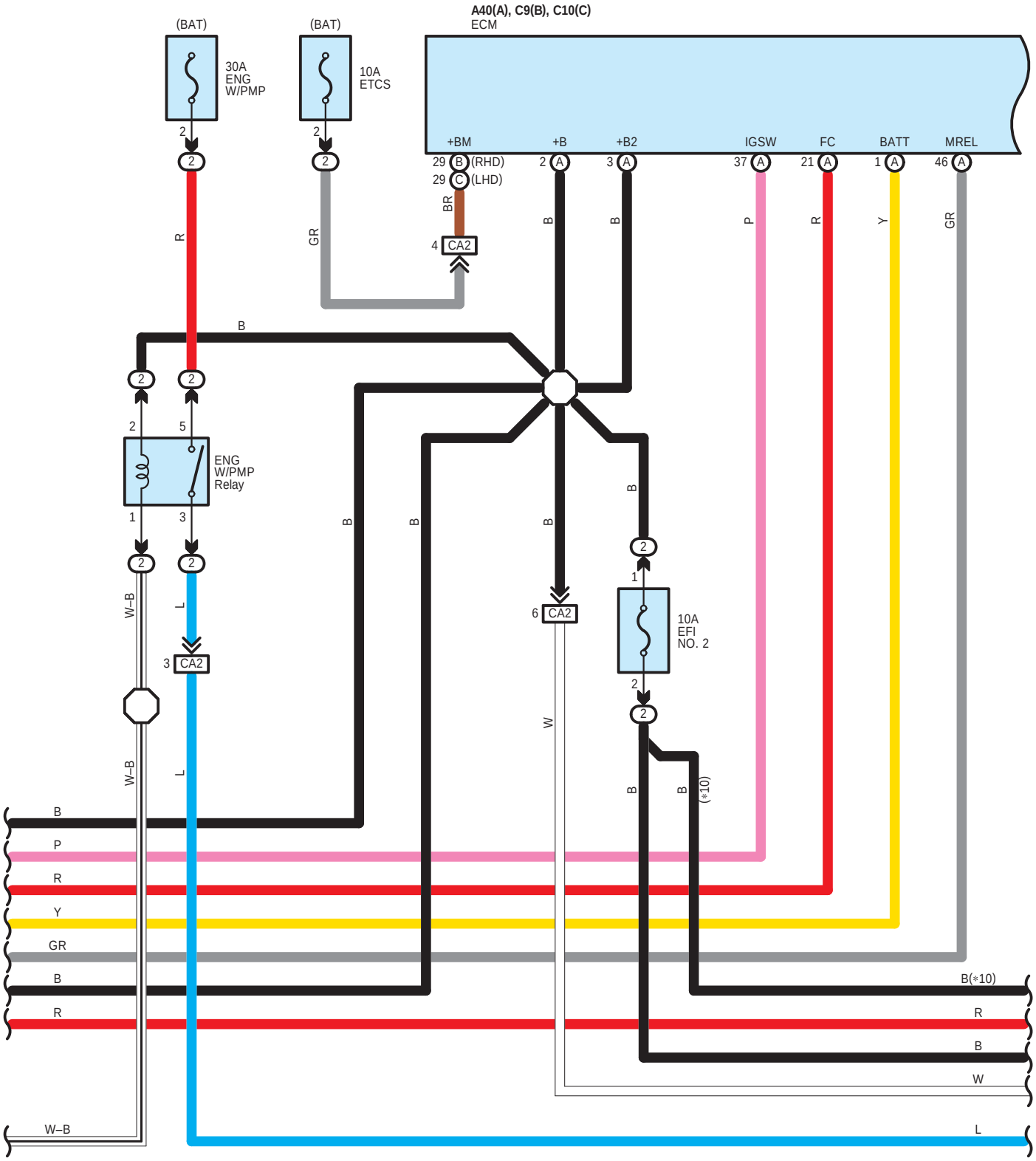
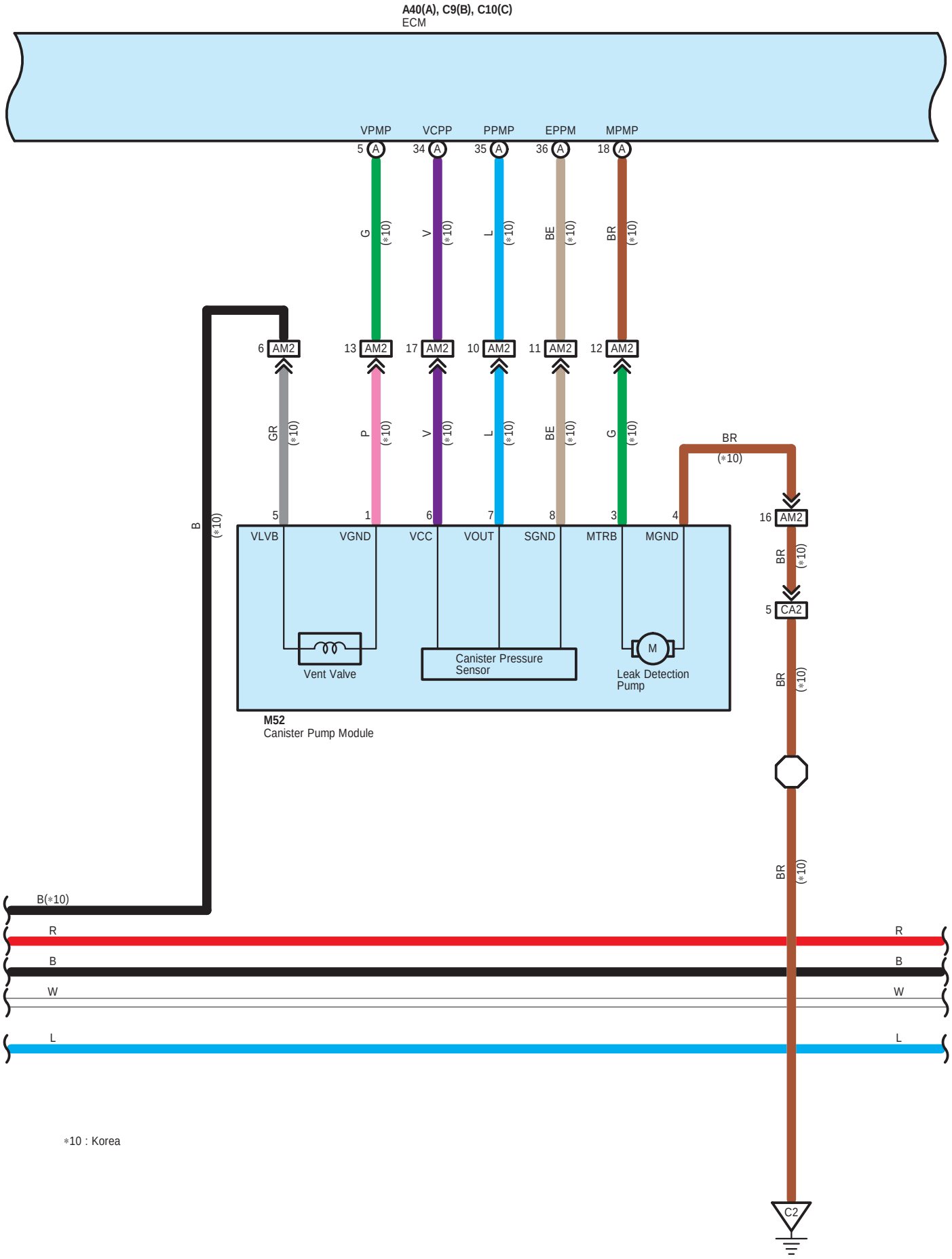
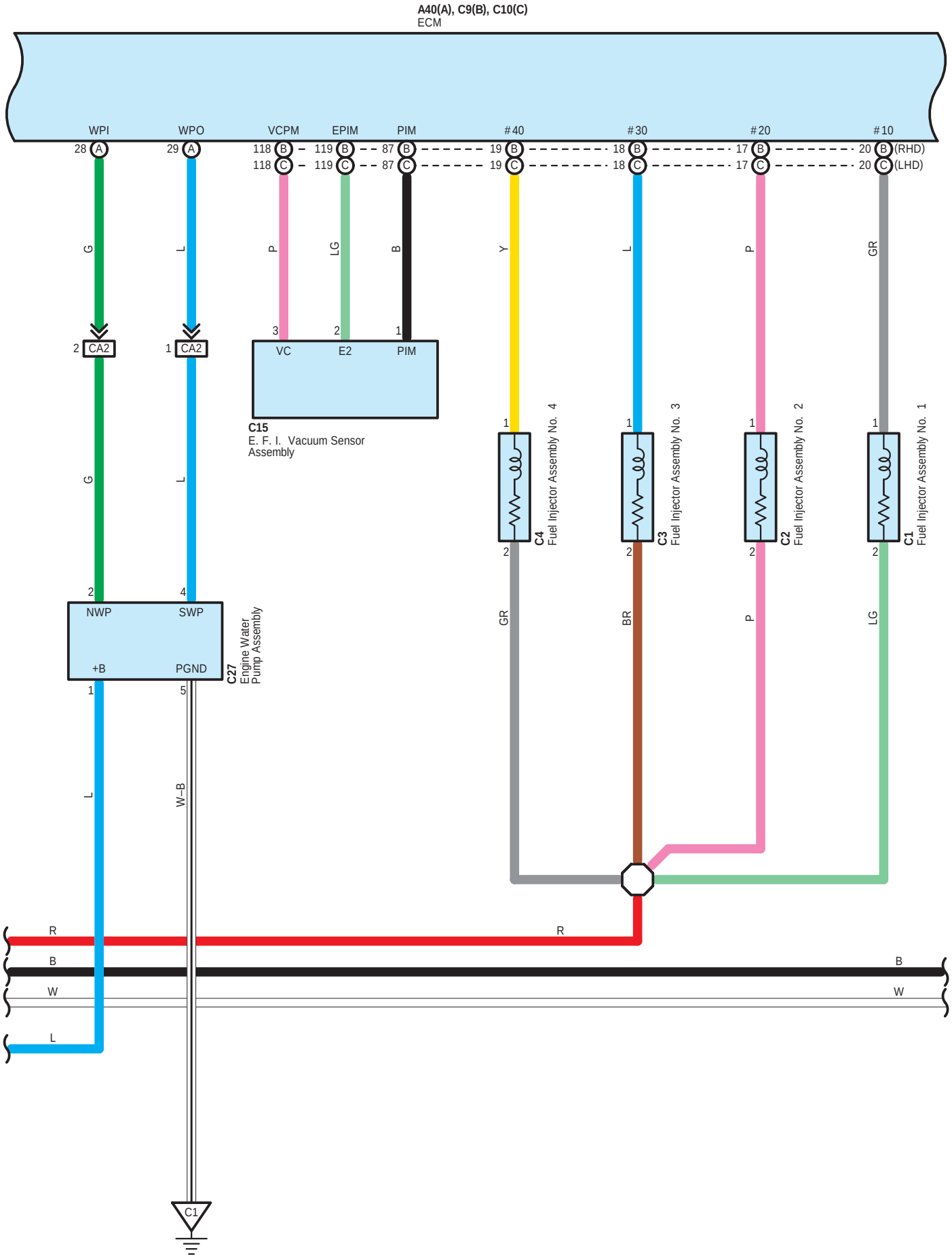
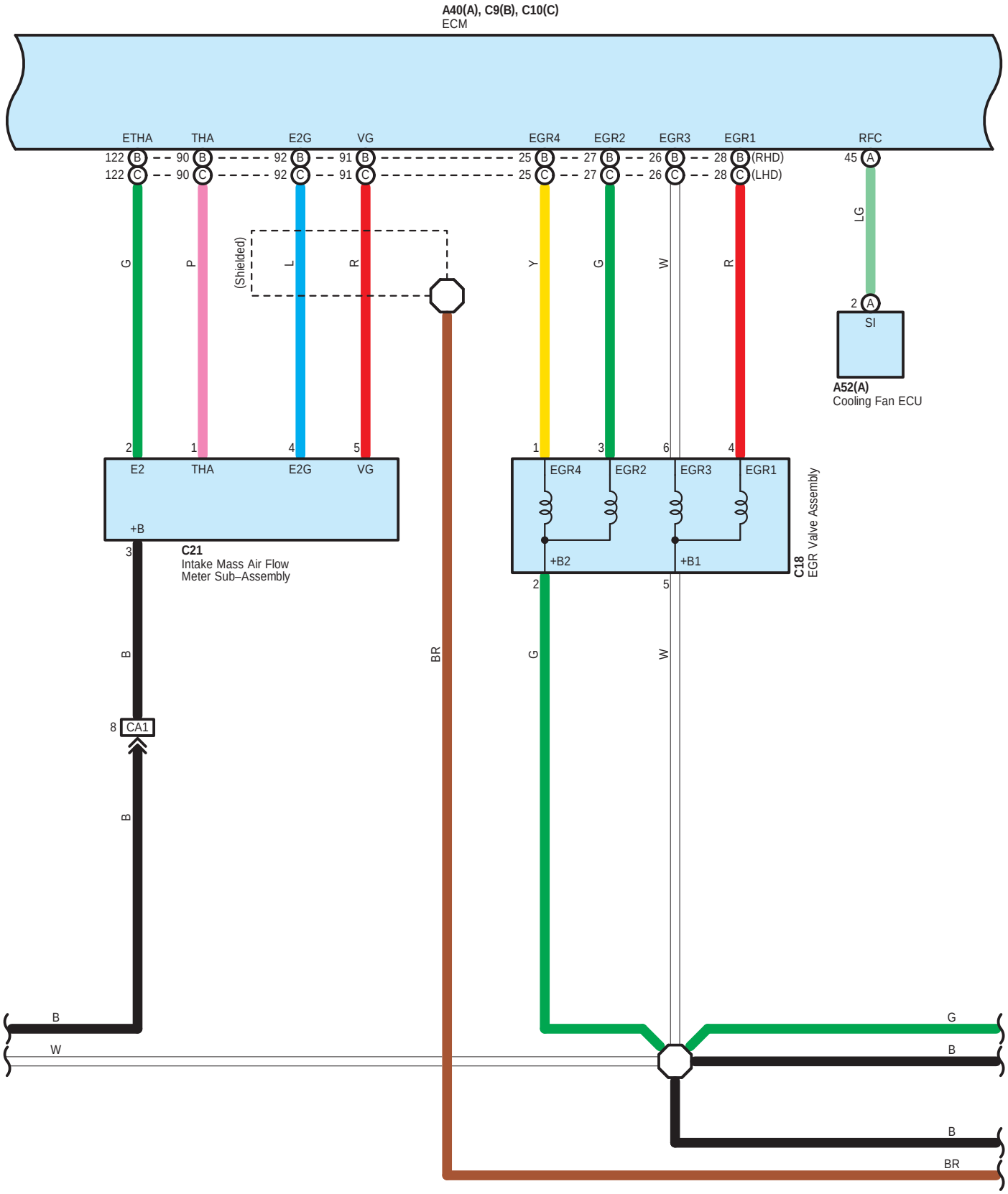

(BAT)
20A
EFI–
MAIN
2
(IG)
10A
IG2
NO. 2
2
2
B
V
6 2D
(IG)
15A
IGN
2
2
R
7 CA2
R
EFI–
MAIN
Relay
C/OPN
Relay
4 2C
3 2C
2 2C
1 2C
8 2D
7 2D
5 2D
B
GR
W–B
Y
B
R
B
B
18 AM2
B
4
B
M
Pump
E
M22
Fuel Suction Tube Assembly
with Pump & Gage
5
W–B
10
12
A49
Junction
Connector
P
B
P
R
R
Y
GR
B
R
W–B
W–B
A3
M1

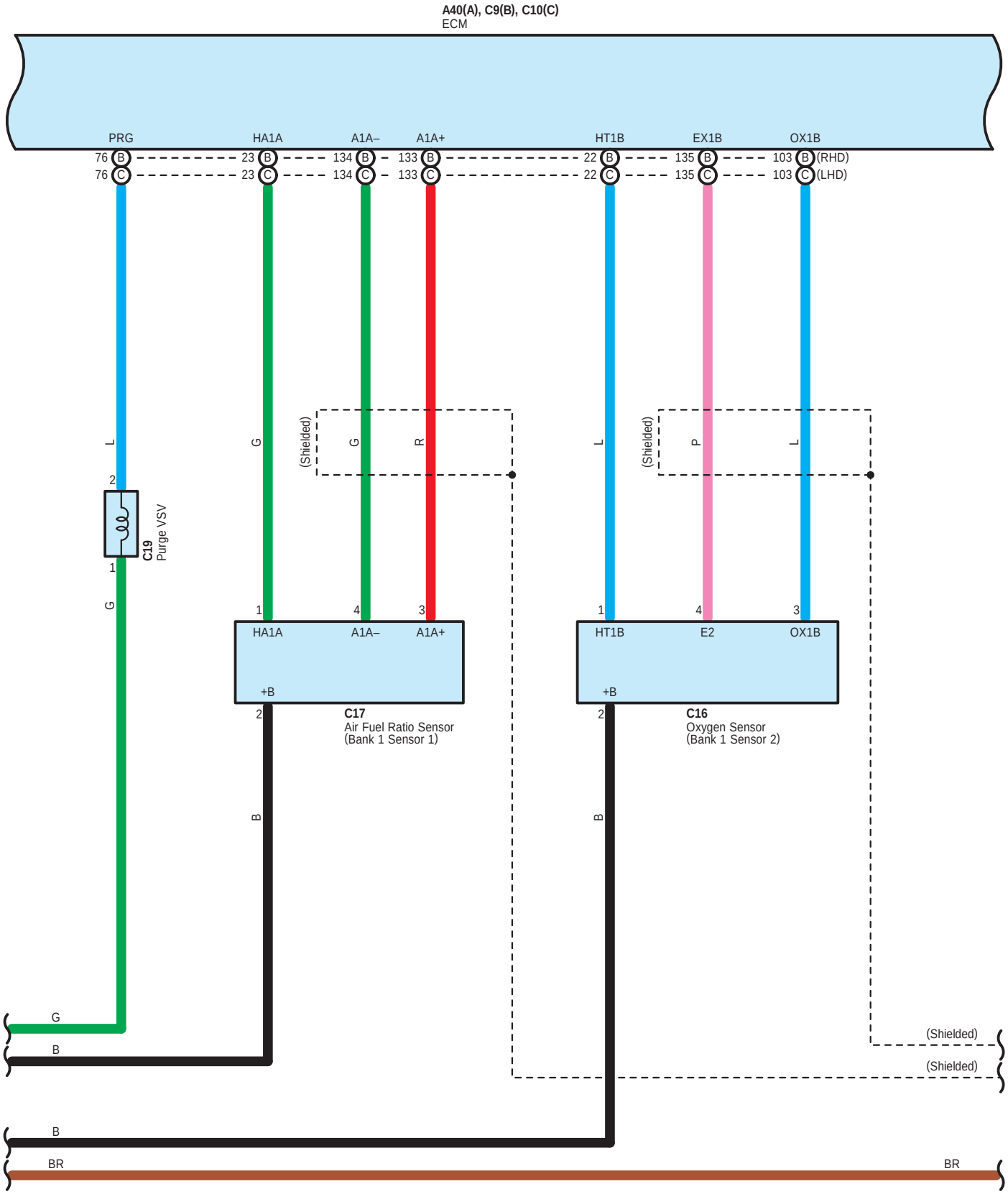

(BAT)
30A
ENG
W/PMP
(BAT)
10A
ETCS
A40(A), C9(B), C10(C)
ECM
+BM
+B
+B2
IGSW
FC
BATT
MREL
29 B (RHD)
29 C (LHD)
2 A
3 A
37 A
21 A
1 A
46 A
BR
4 CA2
GR
B
P
R
Y
GR
ENG
W/PMP
Relay
W–B
L
3 CA2
6 CA2
10A
EFI
NO. 2
W
B
B(*10)
R
B
W
W–B
L

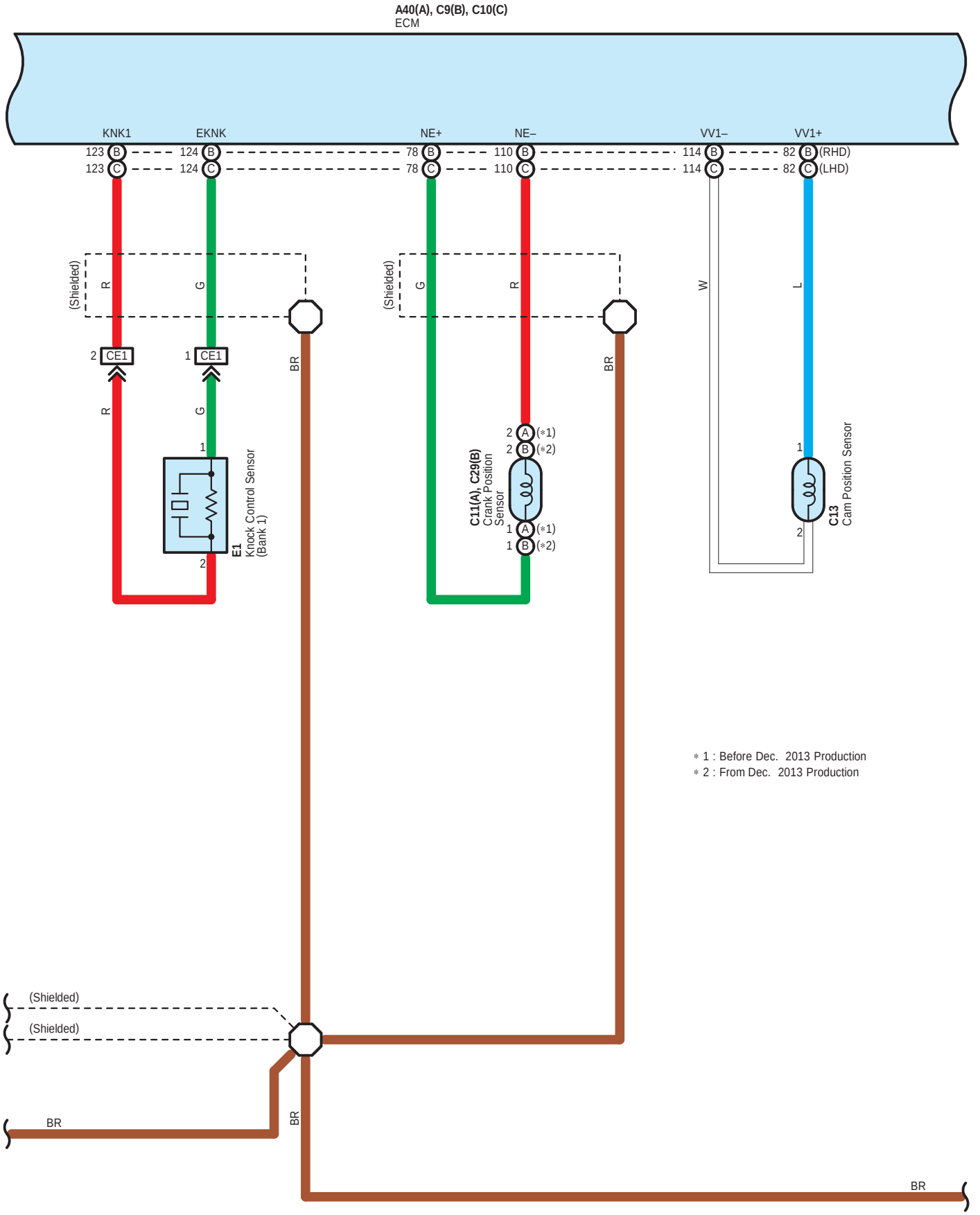
*10 : Korea

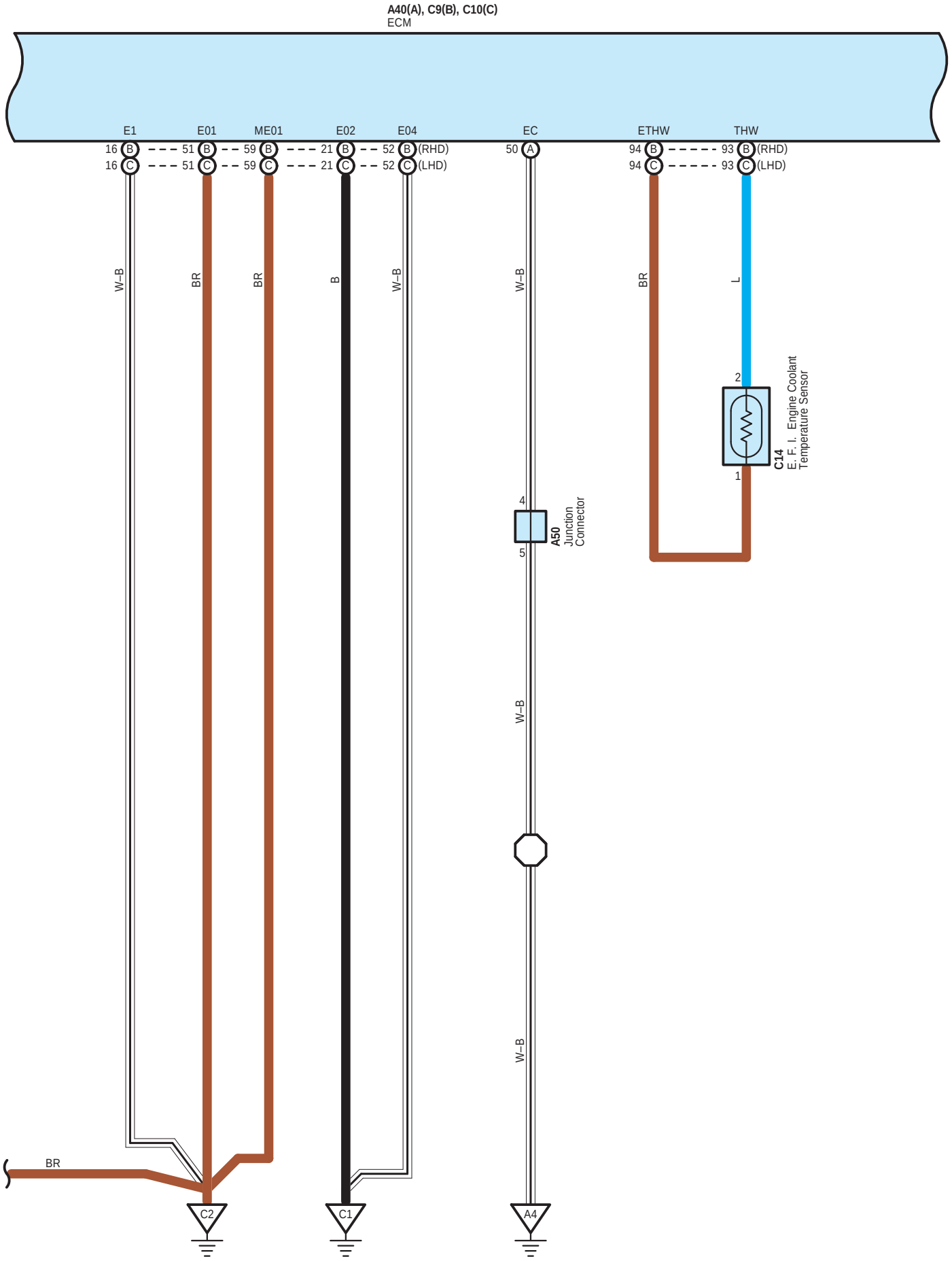

A40(A), C9(B), C10(C)
ECM
VPMP
VCPP
PPMP
EPPM
MPMP
5 A
34 A
35 A
36 A
18 A
G (*10)
V (*10)
L (*10)
BE (*10)
BR (*10)
6 AM2
13 AM2
17 AM2
10 AM2
11 AM2
12 AM2
GR (*10)
P (*10)
V (*10)
L (*10)
BE (*10)
G (*10)
B (*10)
BR (*10)
16 AM2
BR (*10)
5 CA2
BR (*10)
5
1
6
7
8
3
4
VLVB
VGND
VCC
VOUT
SGND
MTRB
MGND
Vent Valve
Canister Pressure Sensor
M
Leak Detection Pump
M52
Canister Pump Module
B(*10)
R
B
W
L
R
B
W
L
BR (*10)
C2
*10 : Korea

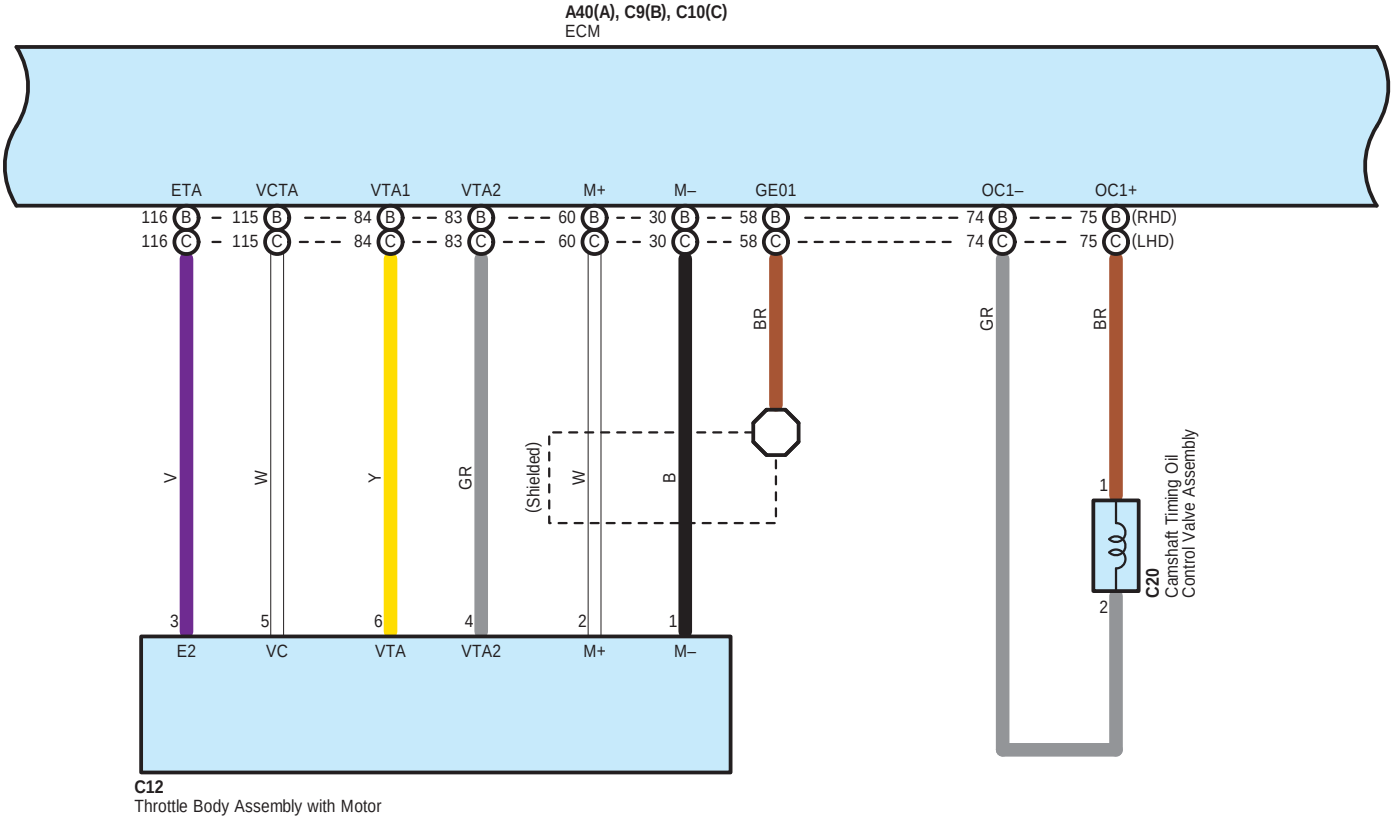

A40(A), C9(B), C10(C)
ECM
WPI
WPO
VCPM
EPIM
PIM
#40
#30
#20
#10
28 A
29 A
118 B
118 C
119 B
119 C
87 B
87 C
19 B
19 C
18 B
18 C
17 B
17 C
20 B (RHD)
20 C (LHD)
G
L
P
LG
B
Y
L
P
GR
2 CA2
1 CA2
3
2
1
VC
E2
PIM
C15
E. F. I. Vacuum Sensor Assembly
1
2
C4
Fuel Injector Assembly No. 4
C3
Fuel Injector Assembly No. 3
C2
Fuel Injector Assembly No. 2
C1
Fuel Injector Assembly No. 1
GR
BR
P
LG
2
4
NWP
SWP
+B
PGND
1
5
C27
Engine Water Pump Assembly
L
W-B
R
B
W
L
C1

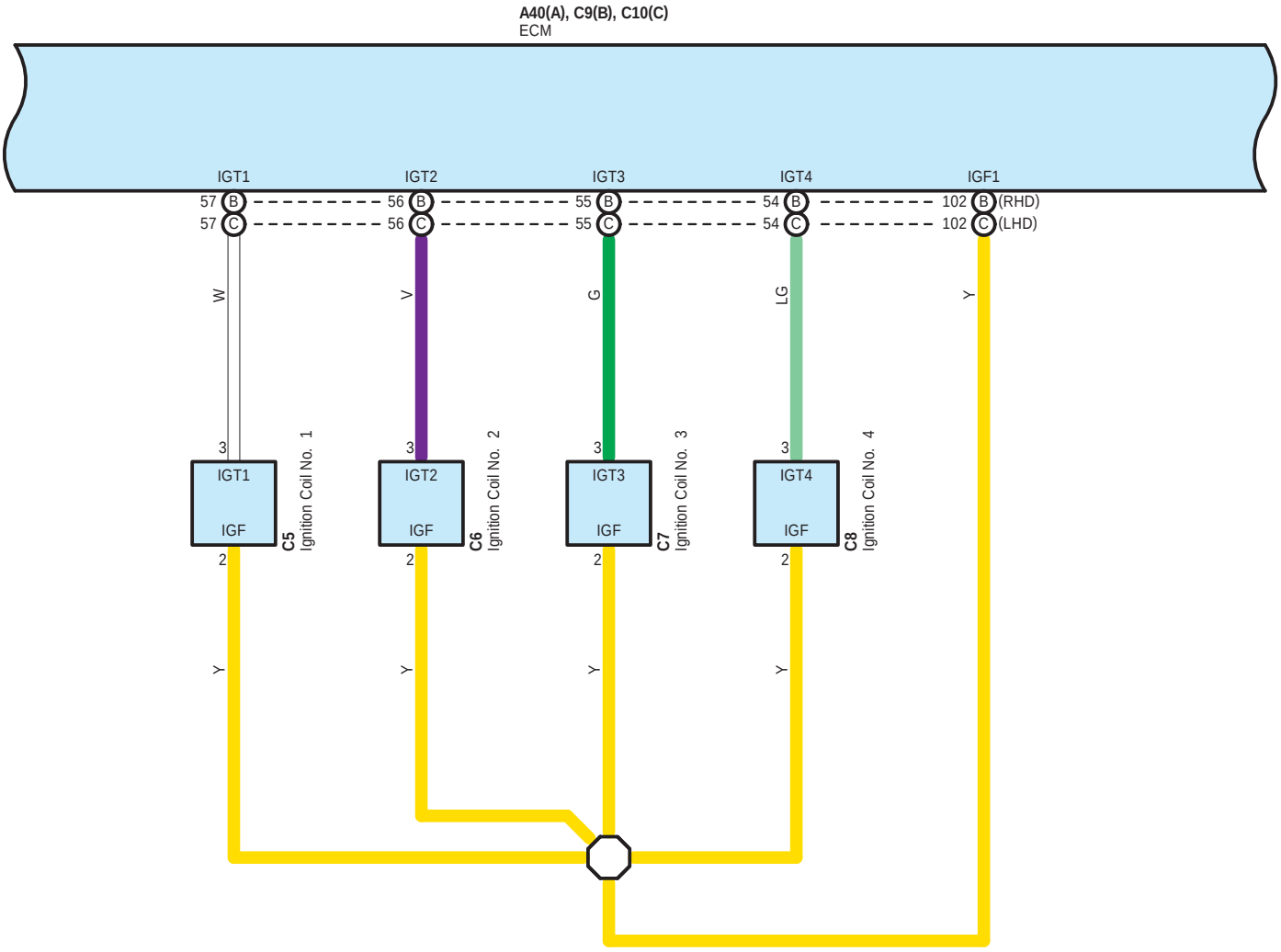

A40(A), C9(B), C10(C)
ECM
ETHA
THA
E2G
VG
EGR4
EGR2
EGR3
EGR1
RFC
122 B
122 C
90 B
90 C
92 B
92 C
91 B
91 C
25 B
25 C
27 B
27 C
26 B
26 C
28 B
28 C
(RHD)
(LHD)
45 A
G
P
(Shielded)
L
R
Y
G
W
R
LG
2 A
SI
A52(A)
Cooling Fan ECU
2
1
4
5
1
3
6
4
E2
THA
E2G
VG
+B
3
C21
Intake Mass Air Flow
Meter Sub–Assembly
EGR4
EGR2
EGR3
EGR1
+B2
+B1
C18
EGR Valve Assembly
2
5
B
8 CA1
B
BR
G
W
B
W
G
B
B
BR

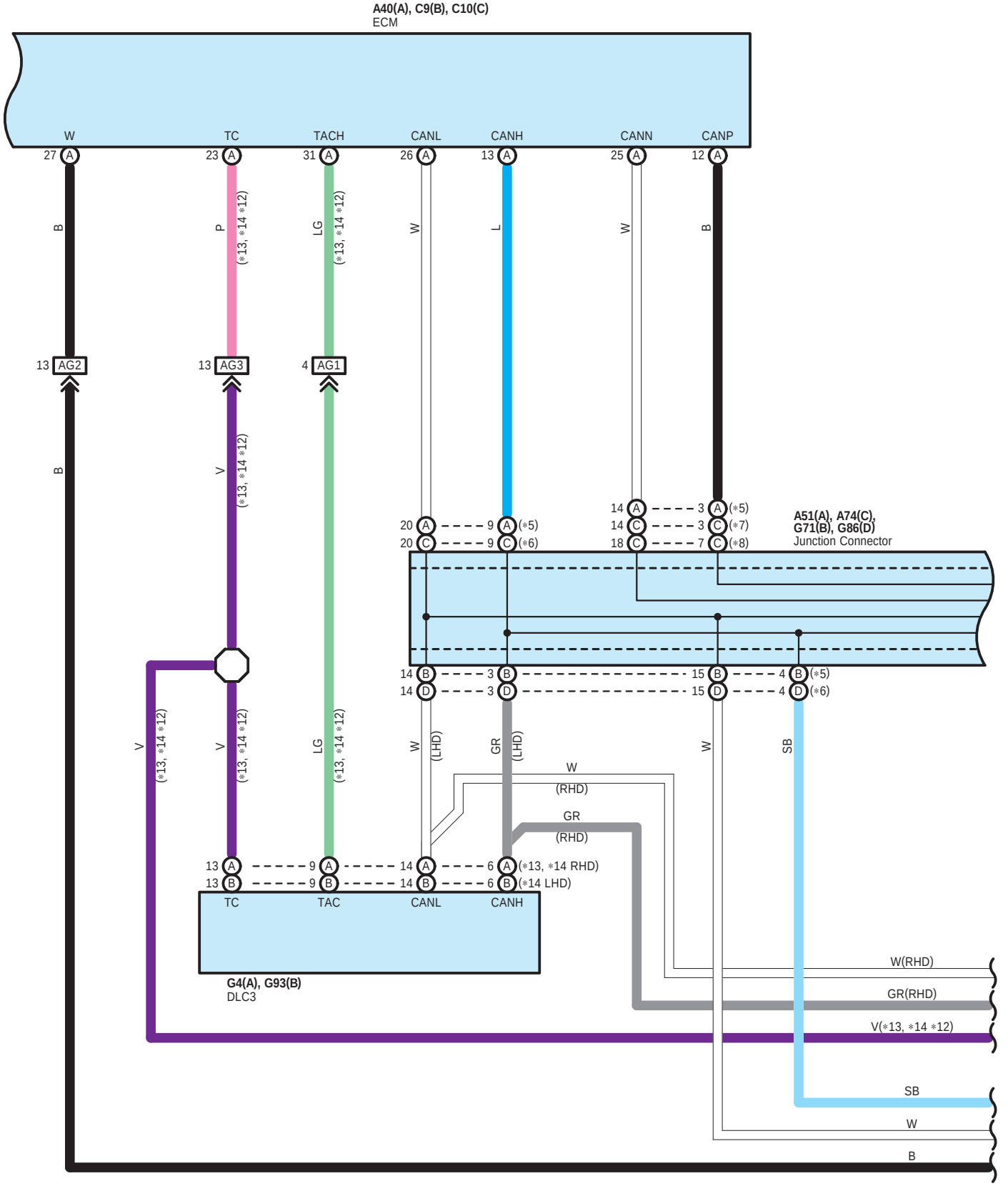

A40(A), C9(B), C10(C)
ECM
PRG
HA1A
A1A–
A1A+
HT1B
EX1B
OX1B
76 B
76 C
23 B
23 C
134 B
134 C
133 B
133 C
22 B
22 C
135 B
135 C
103 B (RHD)
103 C (LHD)
L
2
C19
Purge VSV
1
G
G
1
HA1A
+B
2
C17
Air Fuel Ratio Sensor
(Bank 1 Sensor 1)
B
(Shielded)
G
R
4
A1A–
3
A1A+
L
1
HT1B
+B
2
C16
Oxygen Sensor
(Bank 1 Sensor 2)
B
(Shielded)
P
4
E2
L
3
OX1B
(Shielded)
(Shielded)
G
B
B
BR
BR

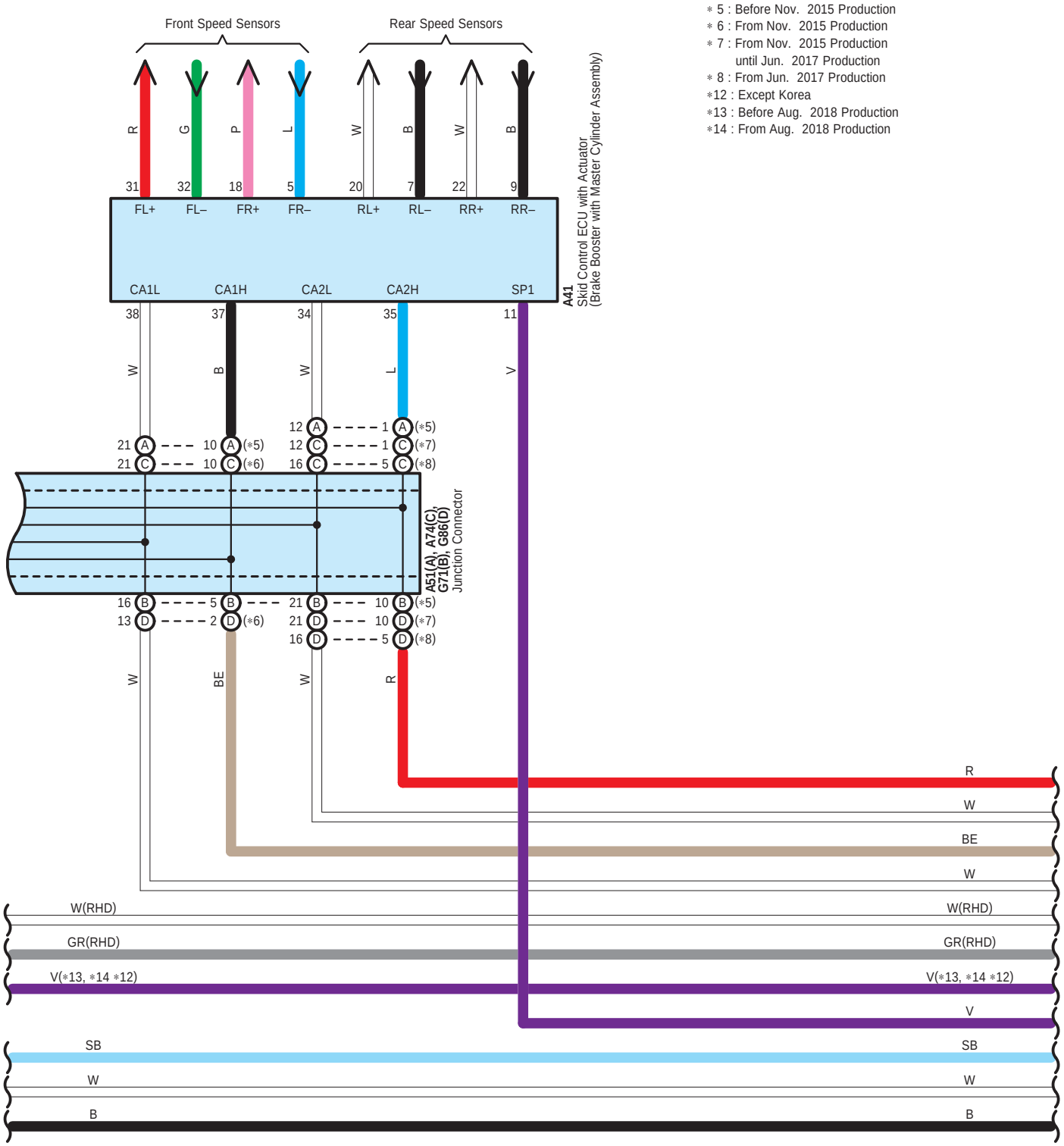

A40(A), C9(B), C10(C)
ECM
KNK1
EKNK
NE+
NE–
VV1–
VV1+
123 B
123 C
124 B
124 C
78 B
78 C
110 B
110 C
114 B
114 C
82 B (RHD)
82 C (LHD)
(Shielded)
R
G
W
L
2 CE1
1 CE1
BR
E1
Knock Control Sensor
(Bank 1)
C11(A), C29(B)
Crank Position
Sensor
2 A (*1)
2 B (*2)
1 A (*1)
1 B (*2)
C13
Cam Position Sensor
* 1 : Before Dec. 2013 Production
* 2 : From Dec. 2013 Production
(Shielded)
(Shielded)
BR
BR
BR


A40(A), C9(B), C10(C)
ECM
E1
E01
ME01
E02
E04
EC
ETHW
THW
16 B
16 C
51 B
51 C
59 B
59 C
21 B
21 C
52 B (RHD)
52 C (LHD)
50 A
94 B
94 C
93 B (RHD)
93 C (LHD)
W-B
BR
BR
B
W-B
W-B
BR
L
2
1
C14
E, F, I, Engine Coolant Temperature Sensor
4
5
A50
Junction Connector
W-B
W-B
BR
C2
C1
A4

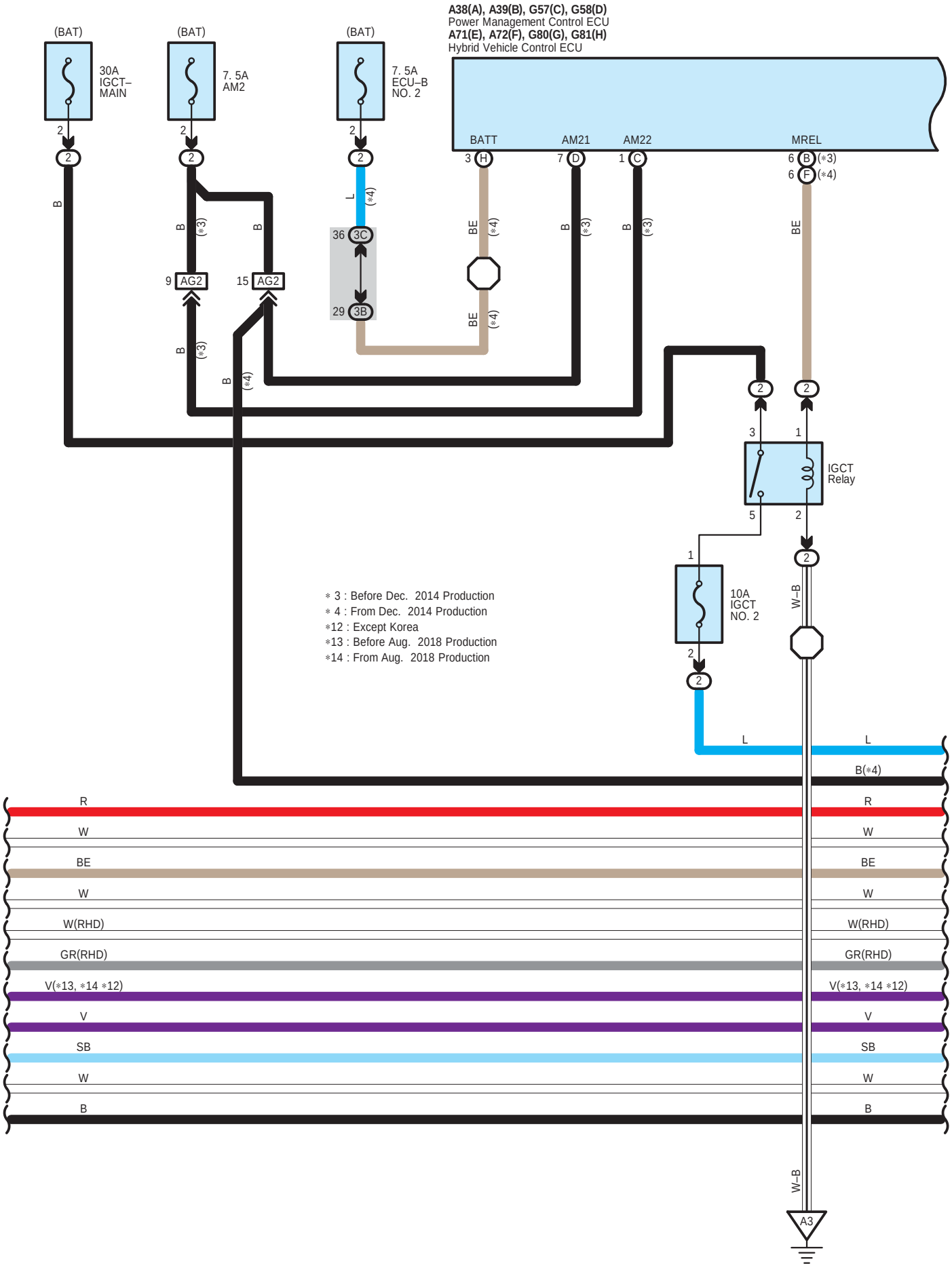

A40(A), C9(B), C10(C)
ECM
ETA
VCTA
VTA1
VTA2
M+
M–
GE01
OC1–
OC1+
116 B
116 C
115 B
115 C
84 B
84 C
83 B
83 C
60 B
60 C
30 B
30 C
58 B
58 C
74 B
74 C
75 B (RHD)
75 C (LHD)
V
W
Y
GR
(Shielded)
W
B
BR
GR
BR
3
5
6
4
2
1
1
2
E2
VC
VTA
VTA2
M+
M–
C20
Camshaft Timing Oil Control Valve Assembly
C12
Throttle Body Assembly with Motor


A40(A), C9(B), C10(C)
ECM
IGT1
IGT2
IGT3
IGT4
IGF1
57 B
57 C
56 B
56 C
55 B
55 C
54 B
54 C
102 B (RHD)
102 C (LHD)
W
V
G
LG
Y
3
IGT1
IGF
2
C5
Ignition Coil No. 1
IGT2
C6
Ignition Coil No. 2
IGT3
C7
Ignition Coil No. 3
IGT4
C8
Ignition Coil No. 4

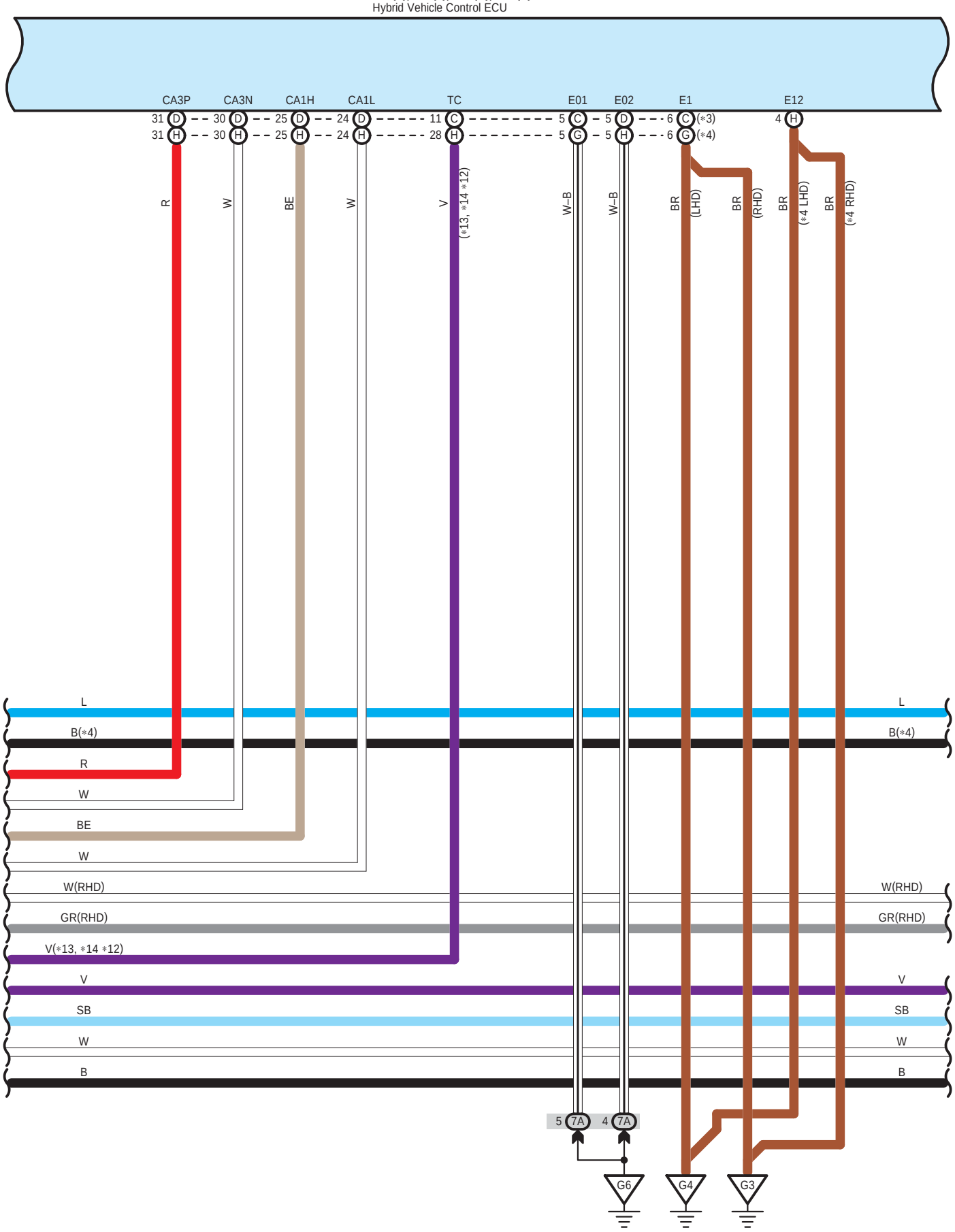

A40(A), C9(B), C10(C)
ECM
W
TC
TACH
CANL
CANH
CANN
CANP
27 A
23 A
31 A
26 A
13 A
25 A
12 A
B
P
(*13, *14 *12)
LG
(*13, *14 *12)
W
L
W
B
13 AG2
13 AG3
4 AG1
B
V
(*13, *14 *12)
20 A
20 C
9 A (*5)
9 C (*6)
14 A
14 C
18 C
3 A (*5)
3 C (*7)
7 C (*8)
A51(A), A74(C),
G71(B), G86(D)
Junction Connector
14 B
14 D
3 B
3 D
15 B
15 D
4 B (*5)
4 D (*6)
V
(*13, *14 *12)
V
(*13, *14 *12)
LG
(*13, *14 *12)
W
(LHD)
GR
(LHD)
W
GR
SB
W
(RHD)
GR
(RHD)
13 A
13 B
9 A
9 B
14 A
14 B
6 A (*13, *14 RHD)
6 B (*14 LHD)
TC
TAC
CANL
CANH
G4(A), G93(B)
DLC3
W(RHD)
GR(RHD)
V(*13, *14 *12)
SB
W
B



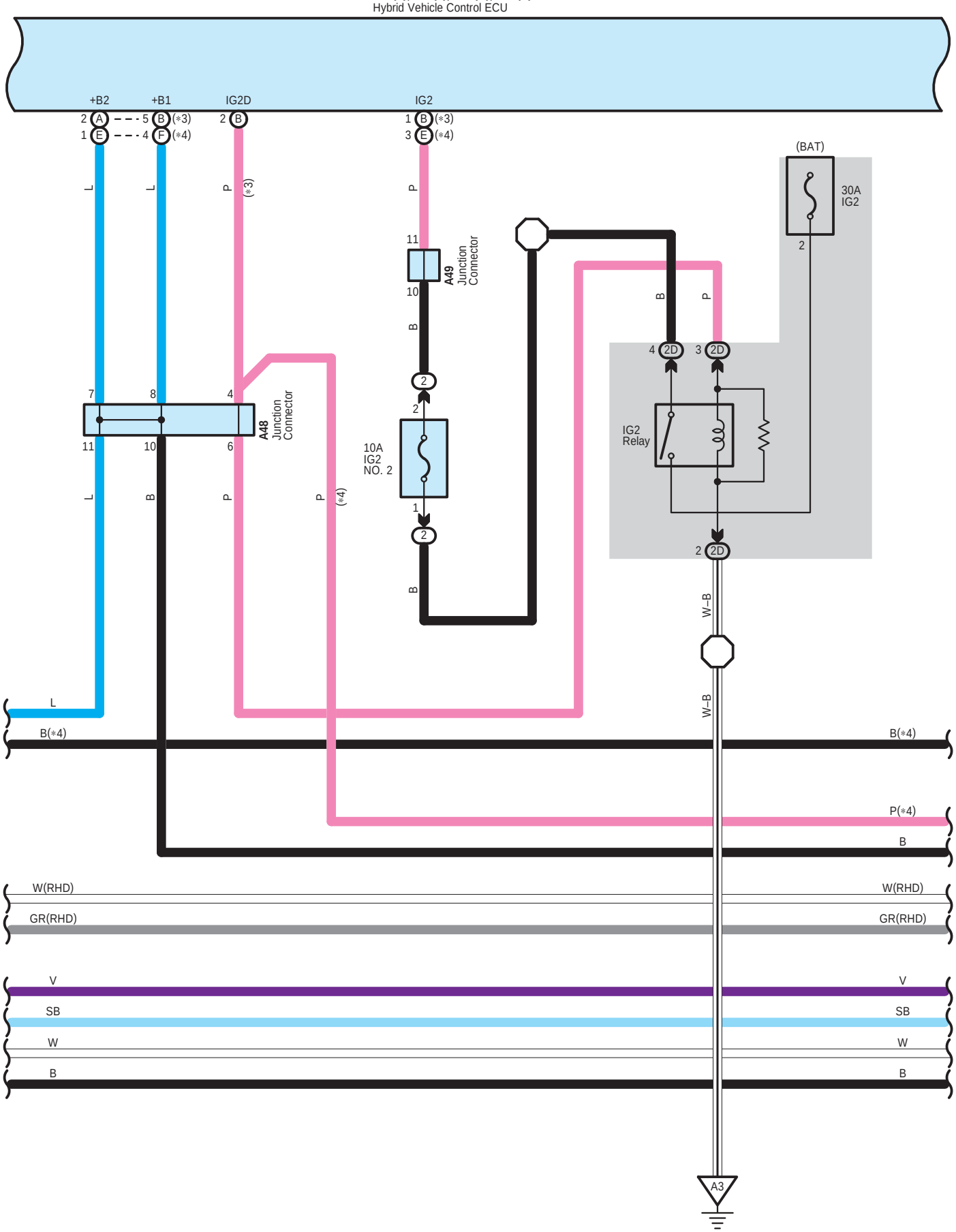
* 5 : Before Nov. 2015 Production
* 6 : From Nov. 2015 Production
* 7 : From Nov. 2015 Production until Jun. 2017 Production
* 8 : From Jun. 2017 Production
*12 : Except Korea
*13 : Before Aug. 2018 Production
*14 : From Aug. 2018 Production

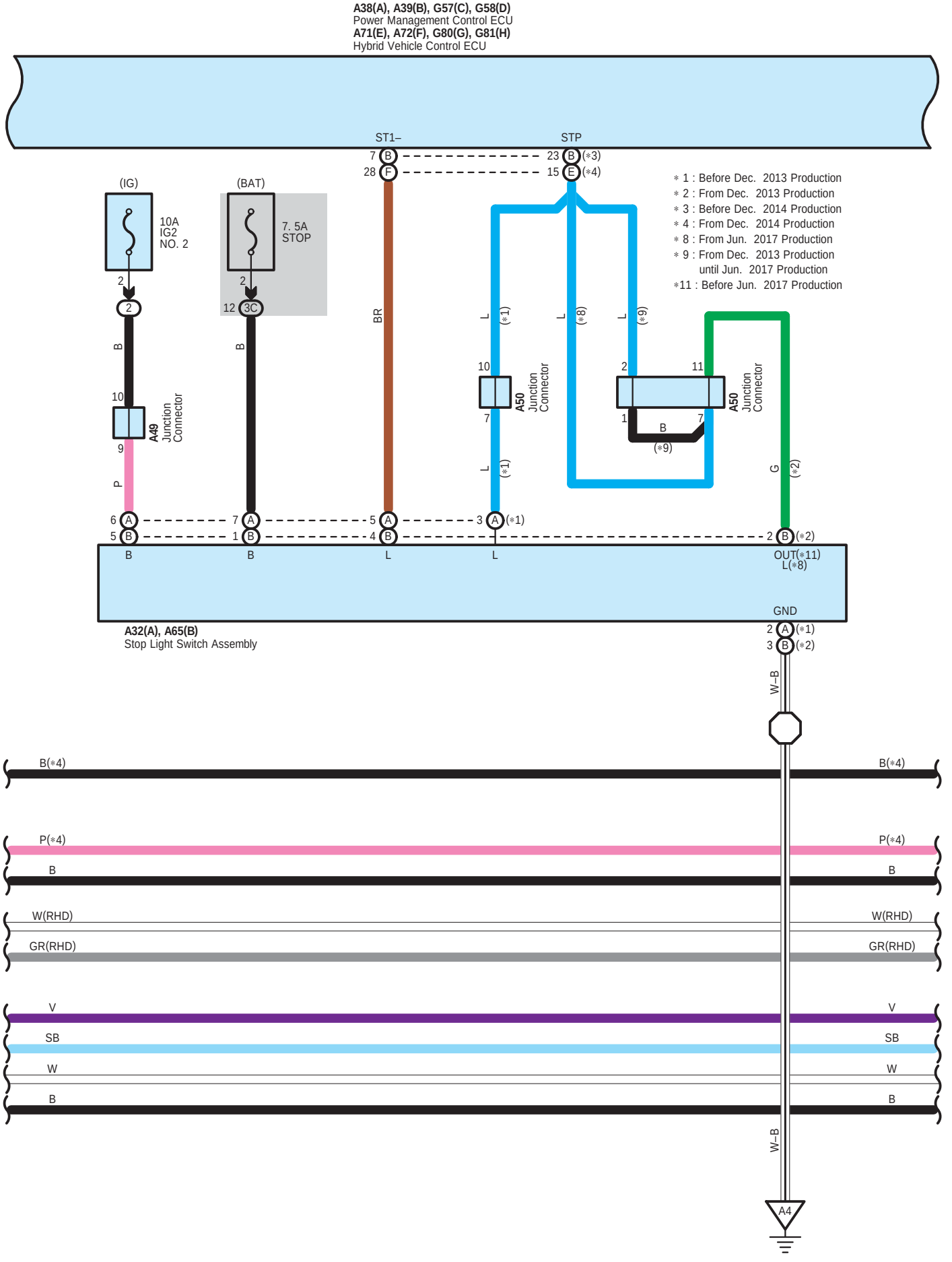

A38(A), A39(B), G57(C), G58(D)
Power Management Control ECU
A71(E), A72(F), G80(G), G81(H)
Hybrid Vehicle Control ECU
(BAT)
30A IGCT–MAIN
7. 5A AM2
7. 5A ECU–B NO. 2
BATT
AM21
AM22
MREL
AG2
IGCT Relay
10A IGCT NO. 2
W–B
A3
∗ 3 : Before Dec. 2014 Production
∗ 4 : From Dec. 2014 Production
∗12 : Except Korea
∗13 : Before Aug. 2018 Production
∗14 : From Aug. 2018 Production
R
W
BE
W
W(RHD)
GR(RHD)
V(∗13, ∗14 ∗12)
V
SB
W
B

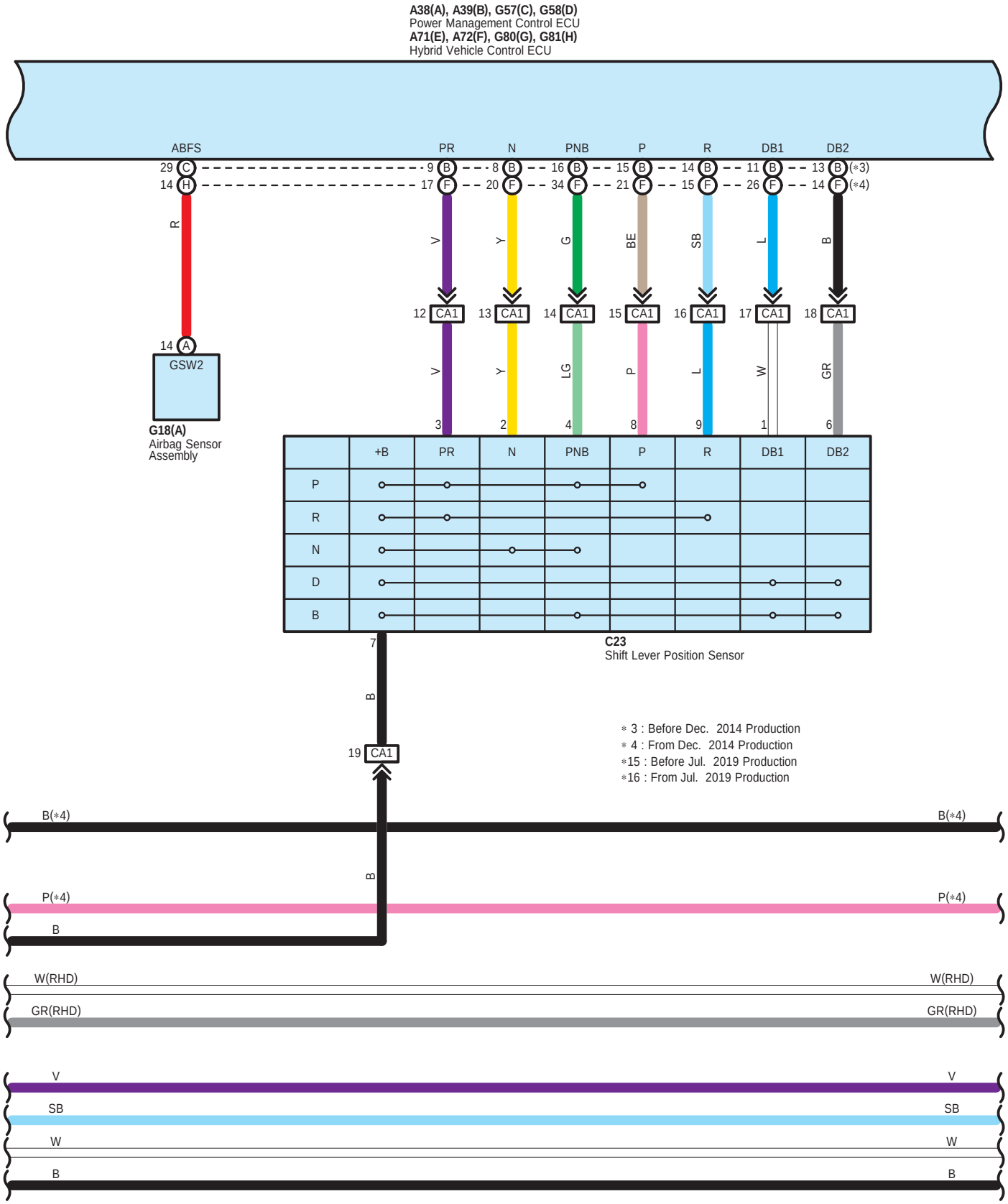
A38(A), A39(B), G57(C), G58(D)
Power Management Control ECU
A71(E), A72(F), G80(G), G81(H)
Hybrid Vehicle Control ECU

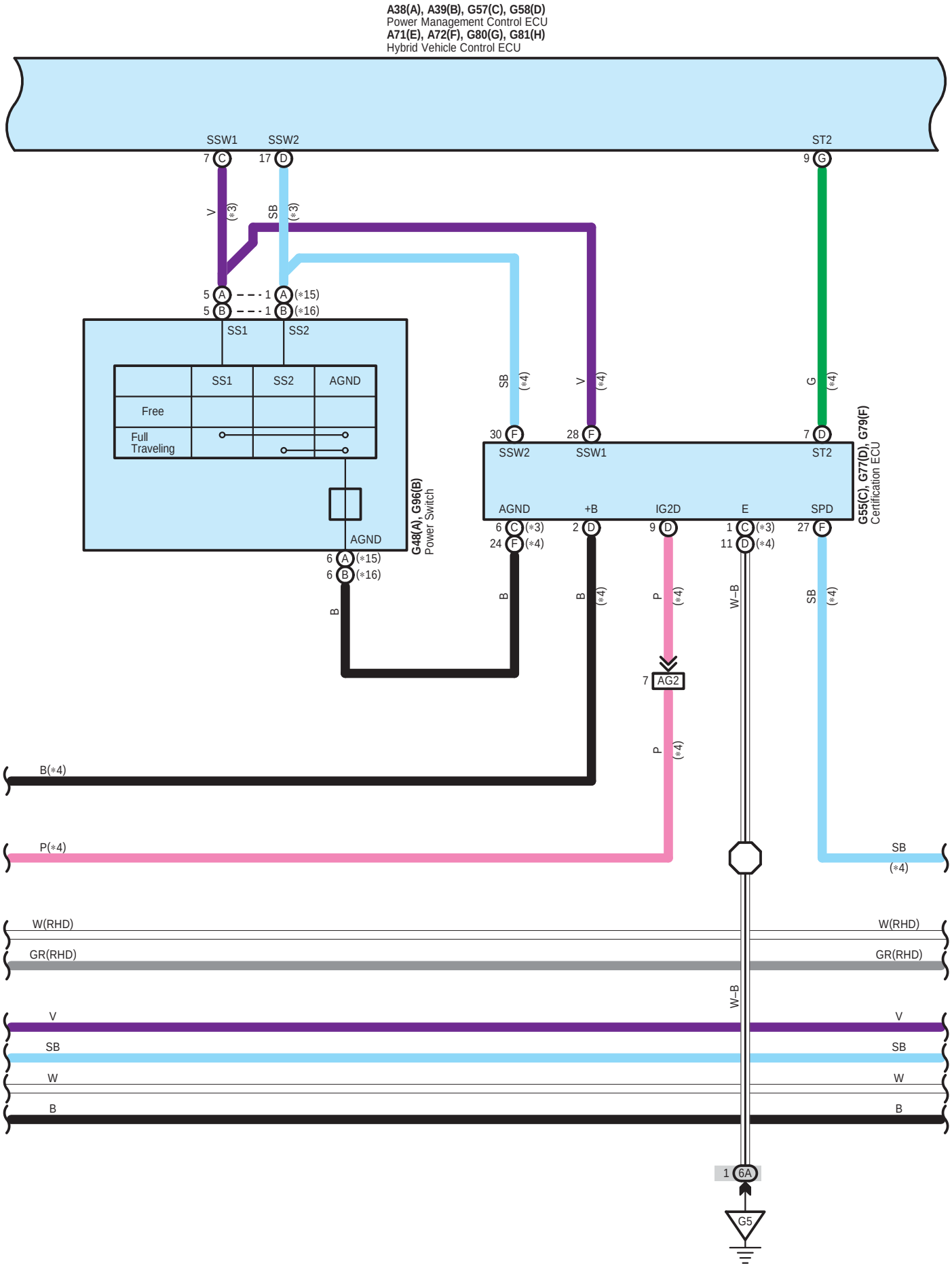


A38(A), A39(B), G57(C), G58(D)
Power Management Control ECU
A71(E), A72(F), G80(G), G81(H)
Hybrid Vehicle Control ECU

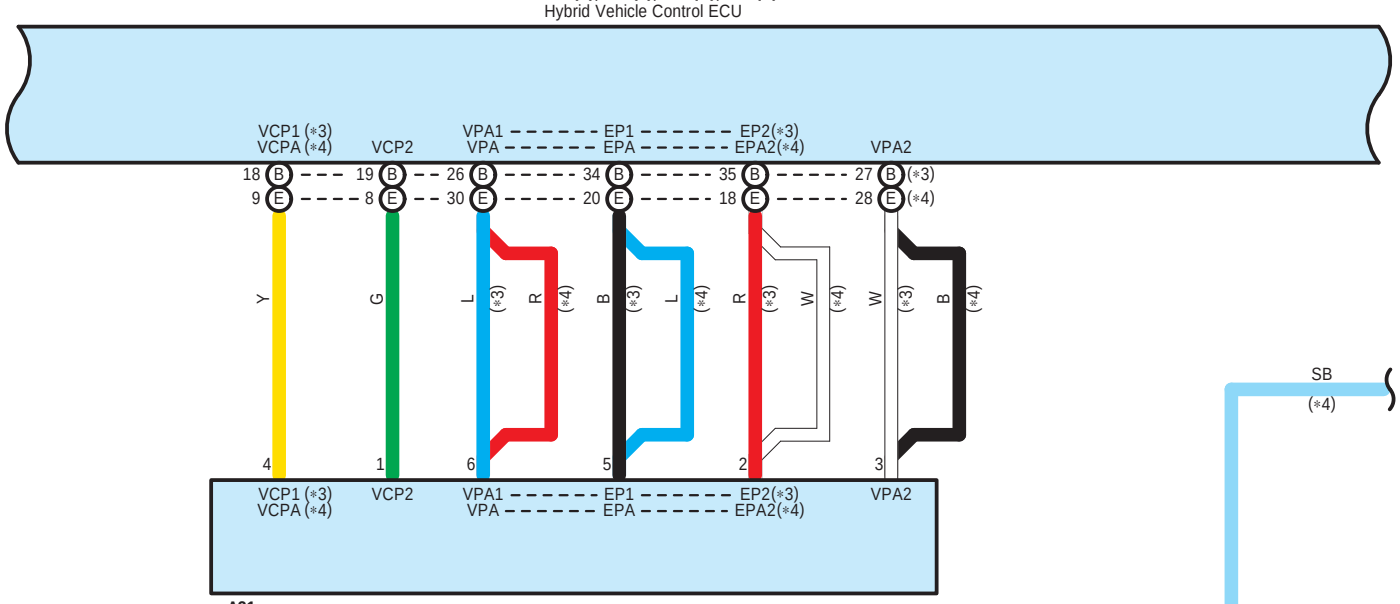



A38(A), A39(B), G57(C), G58(D)
Power Management Control ECU
A71(E), A72(F), G80(G), G81(H)
Hybrid Vehicle Control ECU
ST1–
STP
(IG)
(BAT)
10A
IG2
NO. 2
7. 5A
STOP
A49
Junction
Connector
A50
Junction
Connector
∗ 1 : Before Dec. 2013 Production
∗ 2 : From Dec. 2013 Production
∗ 3 : Before Dec. 2014 Production
∗ 4 : From Dec. 2014 Production
∗ 8 : From Jun. 2017 Production
∗ 9 : From Dec. 2013 Production
until Jun. 2017 Production
∗11 : Before Jun. 2017 Production
A32(A), A65(B)
Stop Light Switch Assembly
OUT(∗11)
L(∗8)
GND
B(∗4)
P(∗4)
B
W(RHD)
GR(RHD)
V
SB
W
W–B
A4


A38(A), A39(B), G57(C), G58(D)
Power Management Control ECU
A71(E), A72(F), G80(G), G81(H)
Hybrid Vehicle Control ECU
ABFS
PR
N
PNB
P
R
DB1
DB2
29 C
14 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)
R
V
Y
G
BE
SB
L
B
12 CA1
13 CA1
14 CA1
15 CA1
16 CA1
17 CA1
18 CA1
14 A
GSW2
G18(A)
Airbag Sensor
Assembly
V
Y
LG
P
L
W
GR
3
2
4
8
9
1
6
+B
PR
N
PNB
P
R
DB1
DB2
P
R
N
D
B
7
B
19 CA1
C23
Shift Lever Position Sensor
* 3 : Before Dec. 2014 Production
* 4 : From Dec. 2014 Production
*15 : Before Jul. 2019 Production
*16 : From Jul. 2019 Production
B(*4)
B(*4)
B
P(*4)
P(*4)
B
W(RHD)
W(RHD)
GR(RHD)
GR(RHD)
V
V
SB
SB
W
W
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
SSW1
SSW2
ST2
7 C
17 D
9 G
V (*3)
SB (*3)
5 A
5 B
1 A (*15)
1 B (*16)
SS1
SS2
AGND
Free
Full Traveling
G48(A), G96(B)
Power Switch
SB (*4)
V (*4)
G (*4)
30 F
28 F
7 D
SSW2
SSW1
ST2
G55(C), G77(D), G79(F)
Certification ECU
AGND
+B
IG2D
E
SPD
6 C (*3)
24 F (*4)
2 D
9 D
1 C (*3)
11 D (*4)
27 F
6 A (*15)
6 B (*16)
B
B (*4)
P (*4)
7 AG2
W–B
SB (*4)
B(*4)
P(*4)
SB (*4)
W(RHD)
GR(RHD)
V
SB
W
B
1 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

SB
(*4)

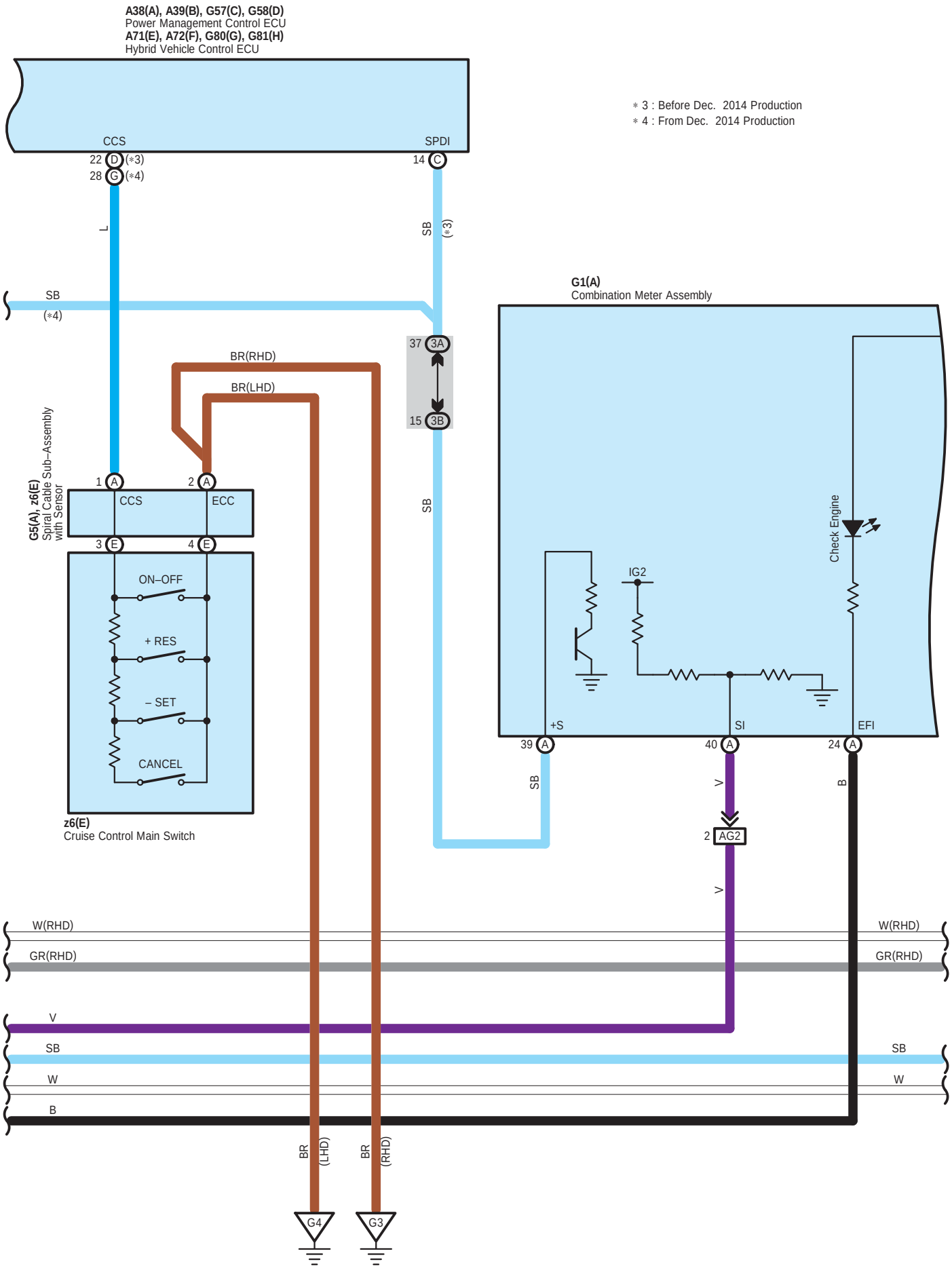
SB
(*4)

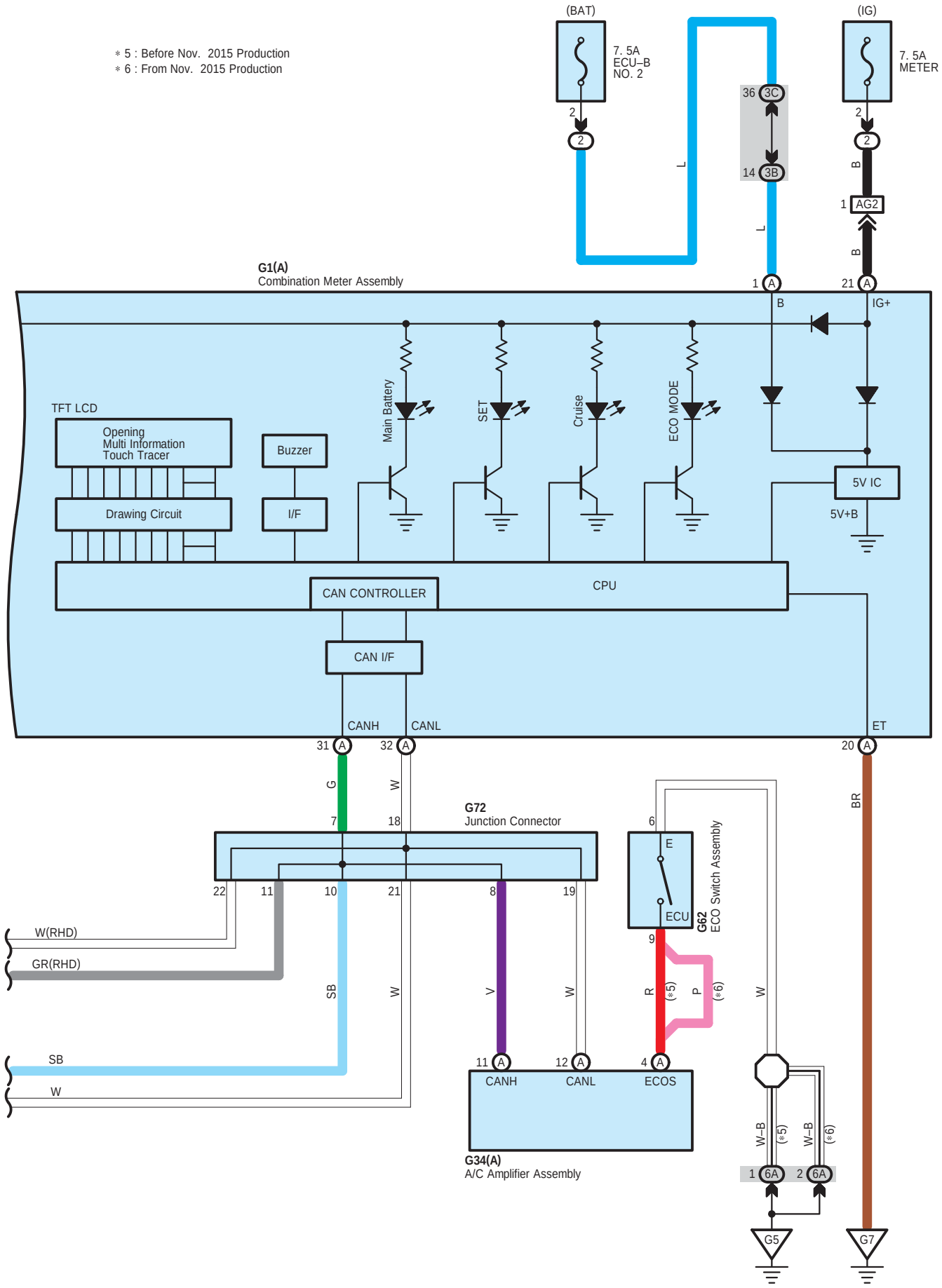
W(RHD)
GR(RHD)

W(RHD)
GR(RHD)

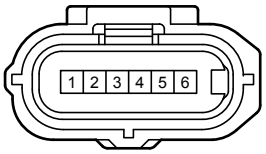
V
SB
W
B

V
SB
W
B

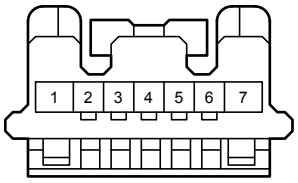

A38(A), A39(B), G57(C), G58(D)
Power Management Control ECU
A71(E), A72(F), G80(G), G81(H)
Hybrid Vehicle Control ECU
* 3 : Before Dec. 2014 Production
* 4 : From Dec. 2014 Production
CCS
SPDI
22 D (*3)
28 G (*4)
14 C
L
SB (*3)
SB (*4)
G1(A)
Combination Meter Assembly
37 3A
15 3B
BR(RHD)
BR(LHD)
G5(A), z6(E)
Spiral Cable Sub-Assembly with Sensor
1 A
2 A
CCS
ECC
3 E
4 E
ON–OFF
+ RES
– SET
CANCEL
z6(E)
Cruise Control Main Switch
IG2
Check Engine
+S
SI
EFI
39 A
40 A
24 A
SB
V
B
2 AG2
W(RHD)
GR(RHD)
V
SB
W
B
BR (LHD)
BR (RHD)
G4
G3


* 5 : Before Nov. 2015 Production
* 6 : From Nov. 2015 Production
(BAT)
7. 5A
ECU–B
NO. 2
(IG)
7. 5A
METER
36 3C
14 3B
L
B
1 AG2
G1(A)
Combination Meter Assembly
1 A
21 A
B
IG+
TFT LCD
Opening
Multi Information
Touch Tracer
Drawing Circuit
Buzzer
I/F
Main Battery
SET
Cruise
ECO MODE
5V IC
5V+B
CAN CONTROLLER
CPU
CAN I/F
CANH
CANL
ET
31 A
32 A
20 A
G
W
BR
G72
Junction Connector
7
18
22
11
10
21
8
19
6
E
ECU
G62
ECO Switch Assembly
9
R
(*5)
P
(*6)
W(RHD)
GR(RHD)
SB
W
V
11 A
12 A
4 A
CANH
CANL
ECOS
G34(A)
A/C Amplifier Assembly
W–B
1 6A
2 6A
G5
G7

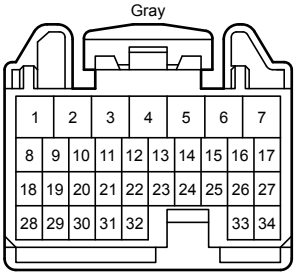
A 31
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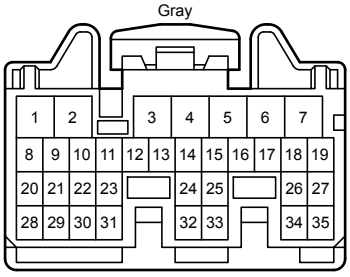
A 32
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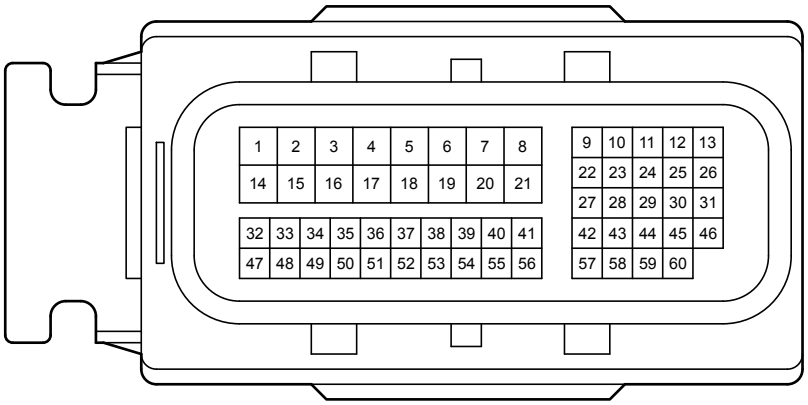
A 38
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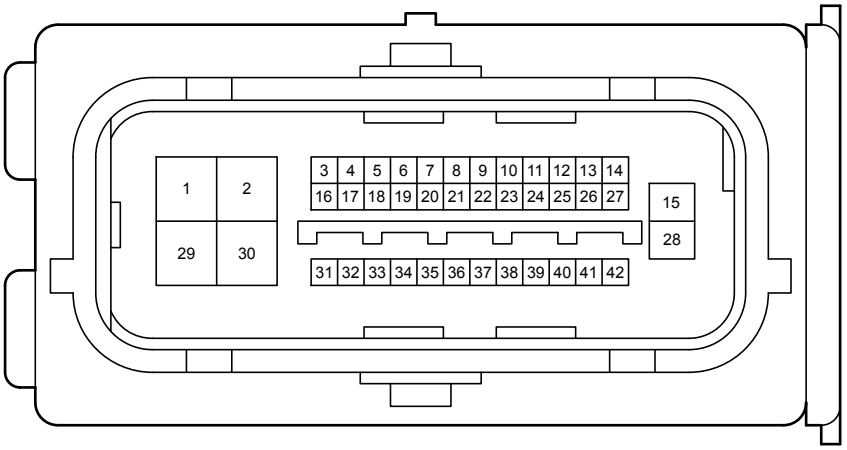
A 39
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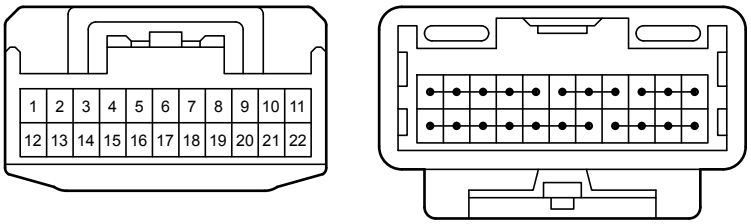
A 40
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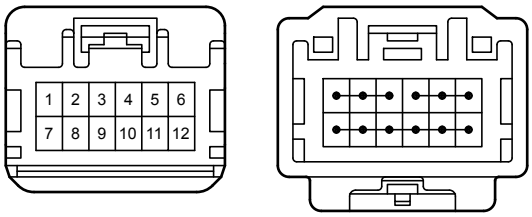
A 41
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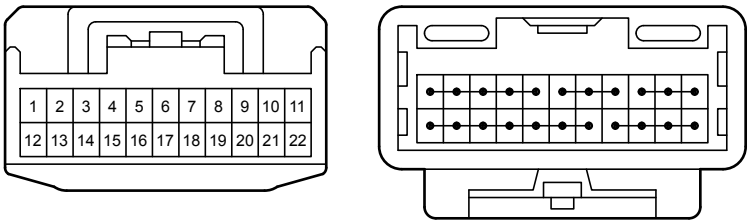
A 48
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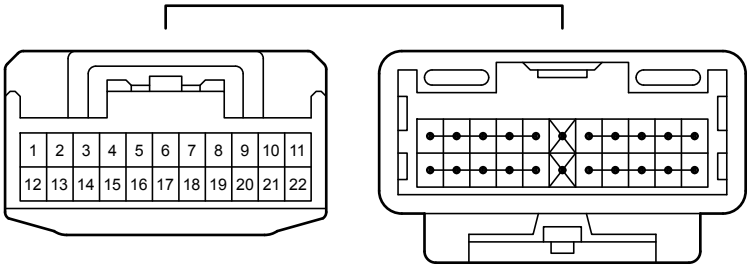
A 49
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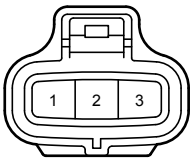
A 50
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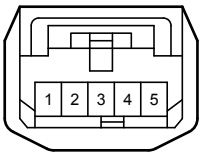
A 51
Blue



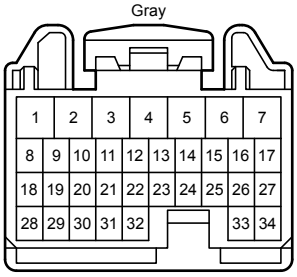
A 52
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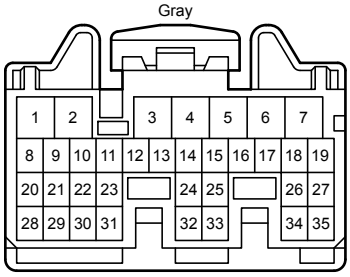
A 65
Blue



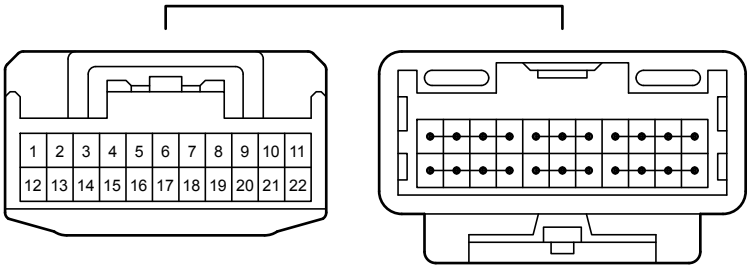
A 71
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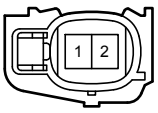
A 72
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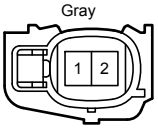
A 74
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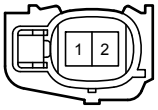
C 1
Black



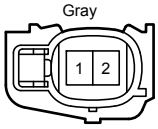
C 2
Gray



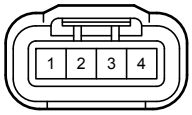
C 3
Black



C 4
Gray



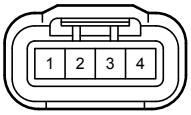
C 5
Black



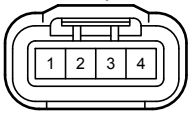
C 6
Gray



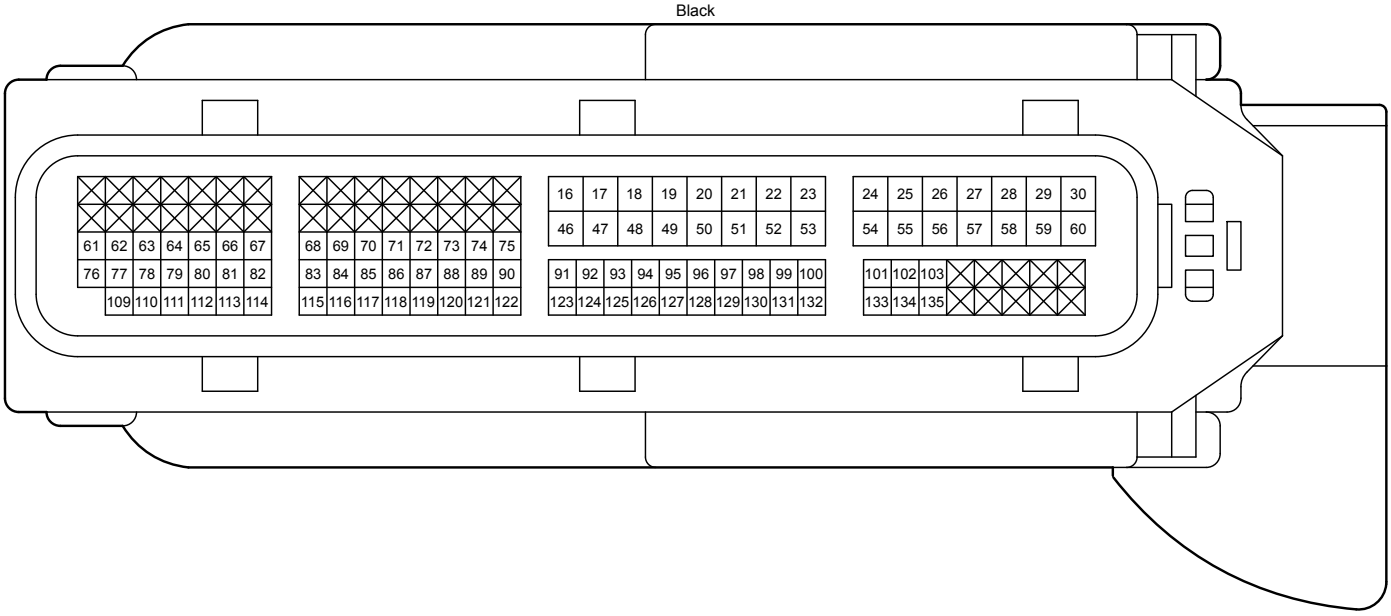
C 7
Black



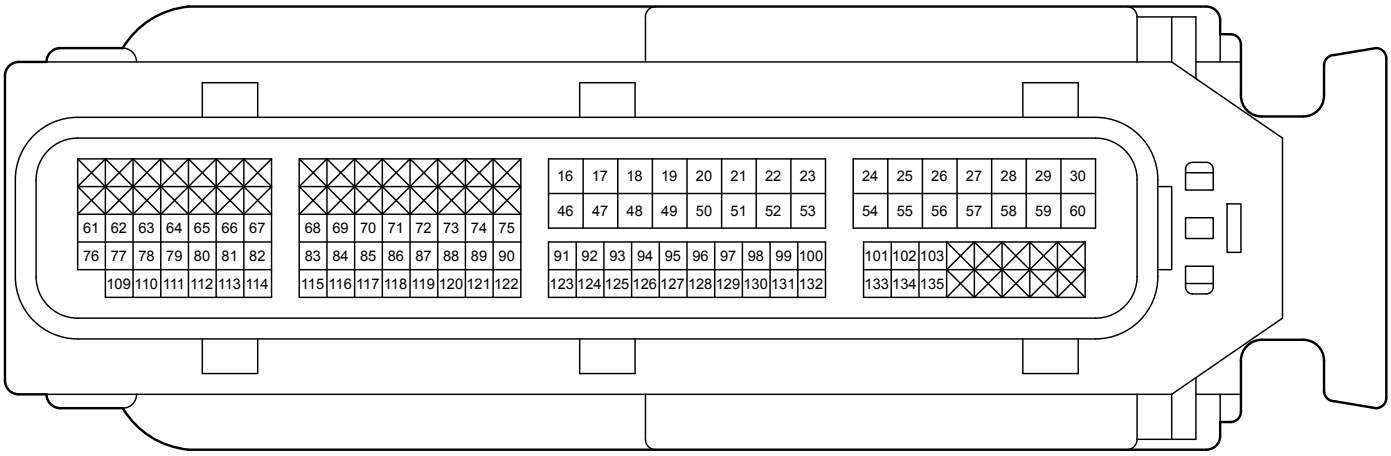
C 8
Gray



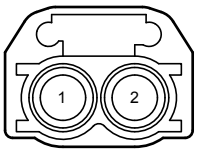
C 9
Black



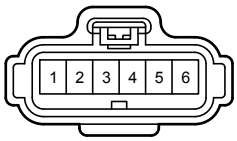
C 10
Black



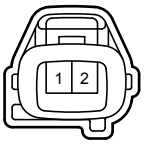
C 11
Black



C 12
Black



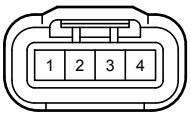
C 13
Black



C 14
Black



C 15
Black



C 16
Gray



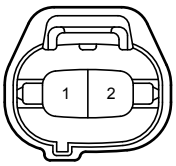
C 17
Gray



C 18
Black



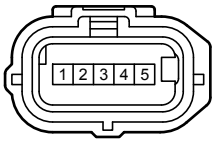
C 19
Black



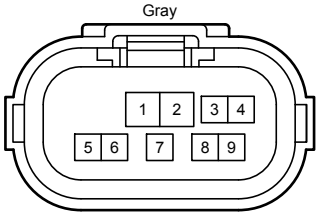
C 20
Black



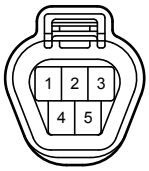
C 21
Black



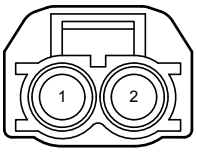
C 23
Gray



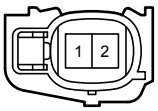
C 27
Black



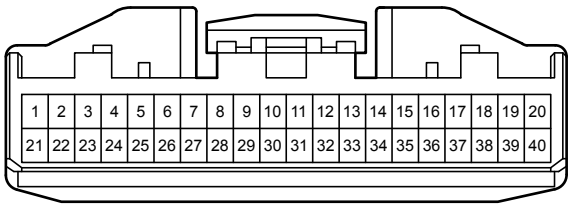
C 29
Black



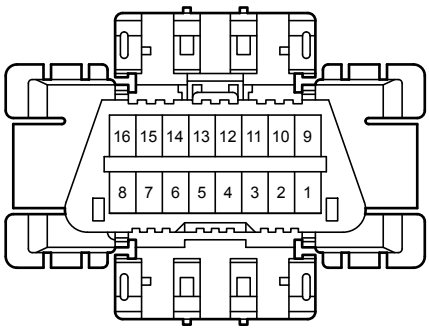
E 1
Black



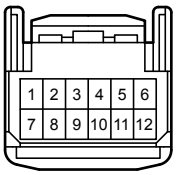
G 1
White



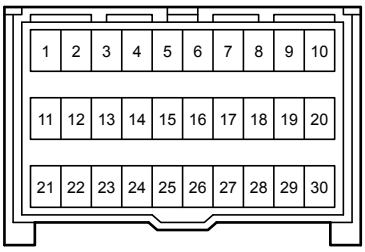
G 4
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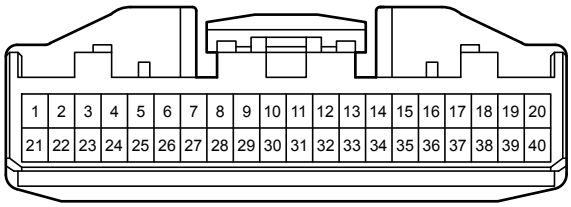
G 5
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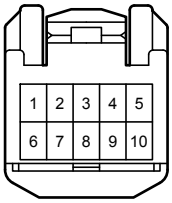
G 18
Yellow



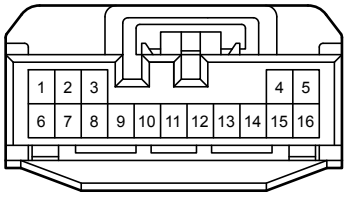
G 34
White



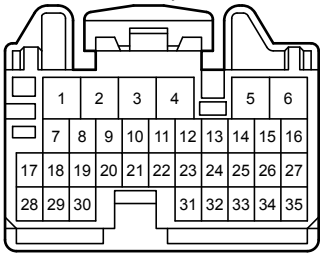
G 48
White



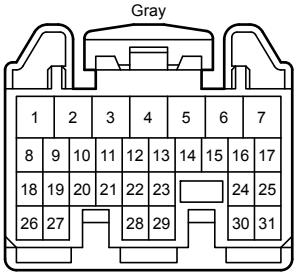
G 55
Black



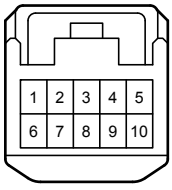
G 57
Gray



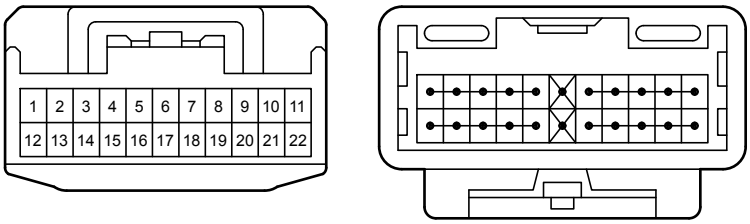
G 58
Gray



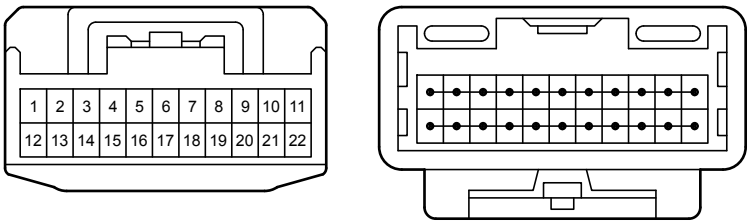
G 62
White



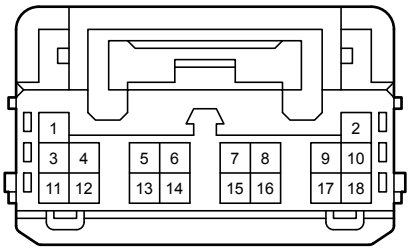
G 71
Blue



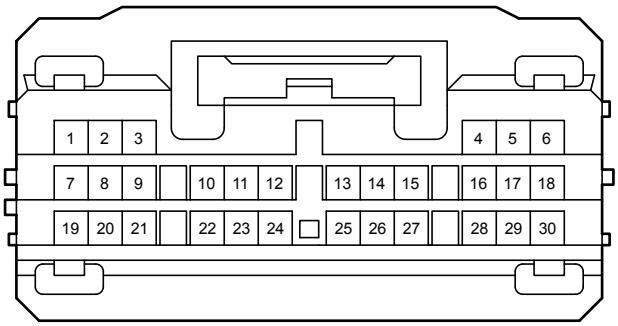
G 72
Gray



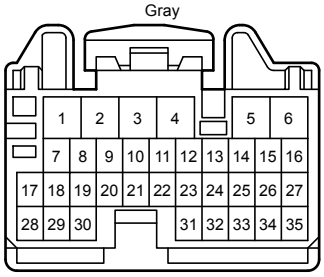
G 77
White



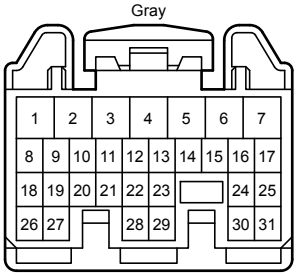
G 79
White



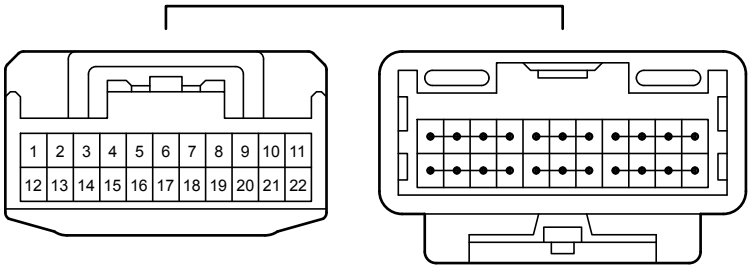
G 80
Gray



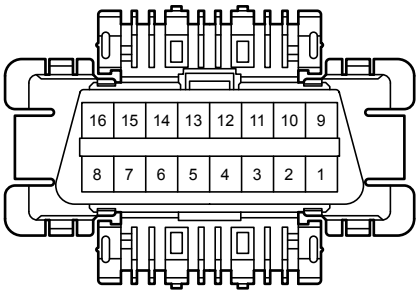
G 81
Gray



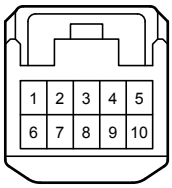
G 86
White



G 93
White



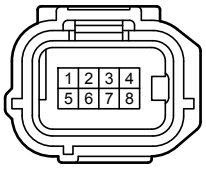
G 96
White



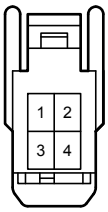
M 22
White



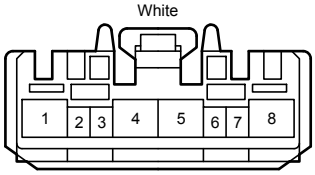
M 52
Black



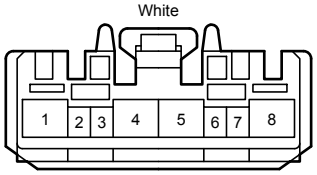
z 6
White



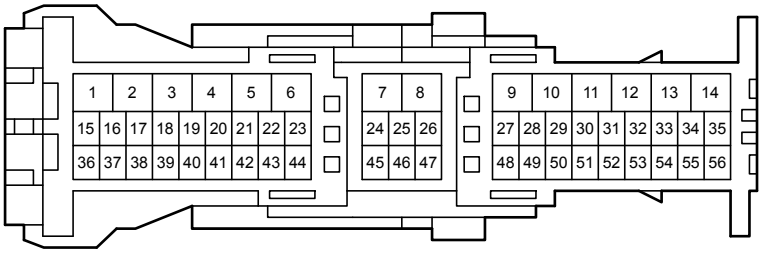
2C
White



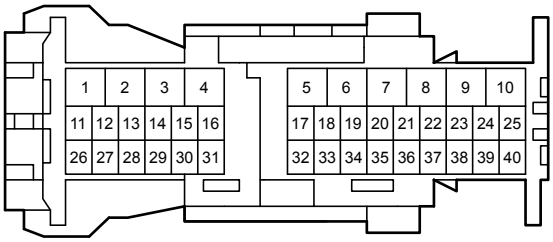
2D
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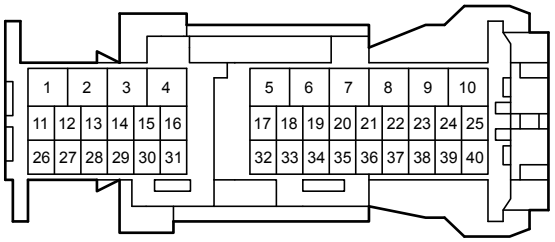
3A
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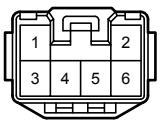
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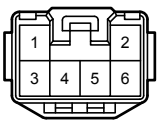
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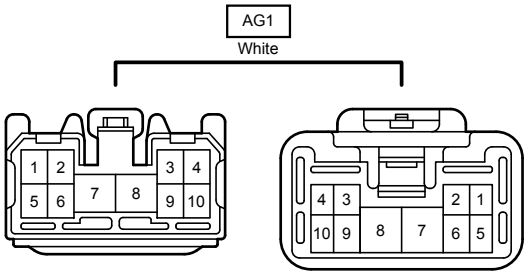
6A
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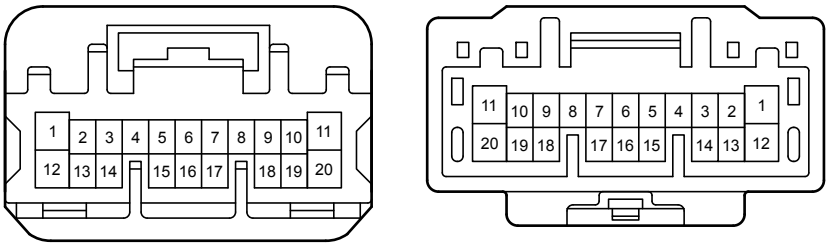
7A
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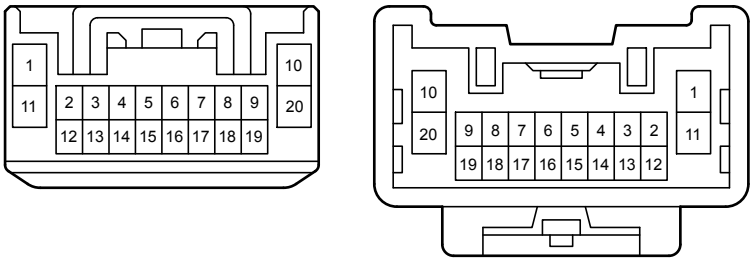
AG1
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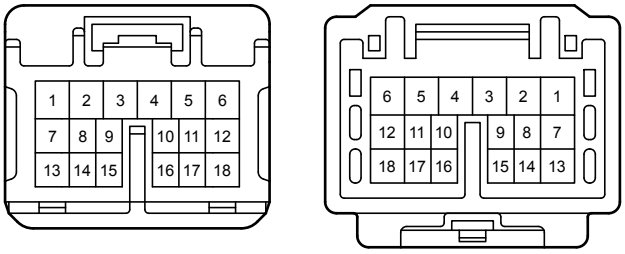
AG2
Black



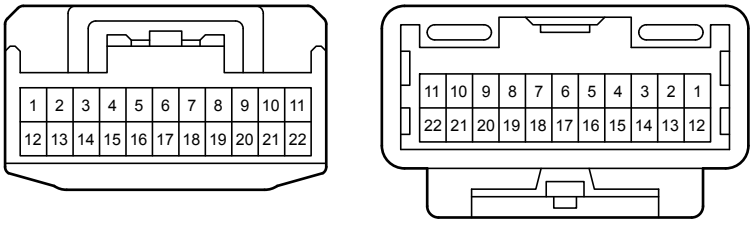
AG3
Gray



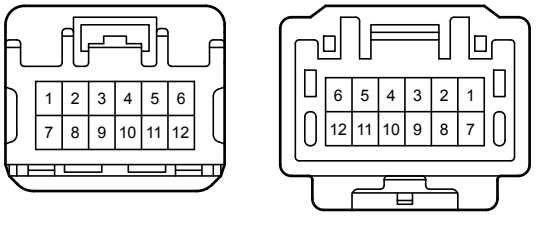
AM2
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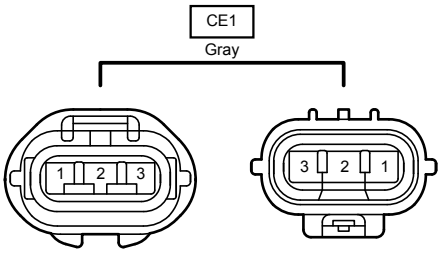


CA1
White



CA2
White




CE1
Gray
1
2
3
3
2
1