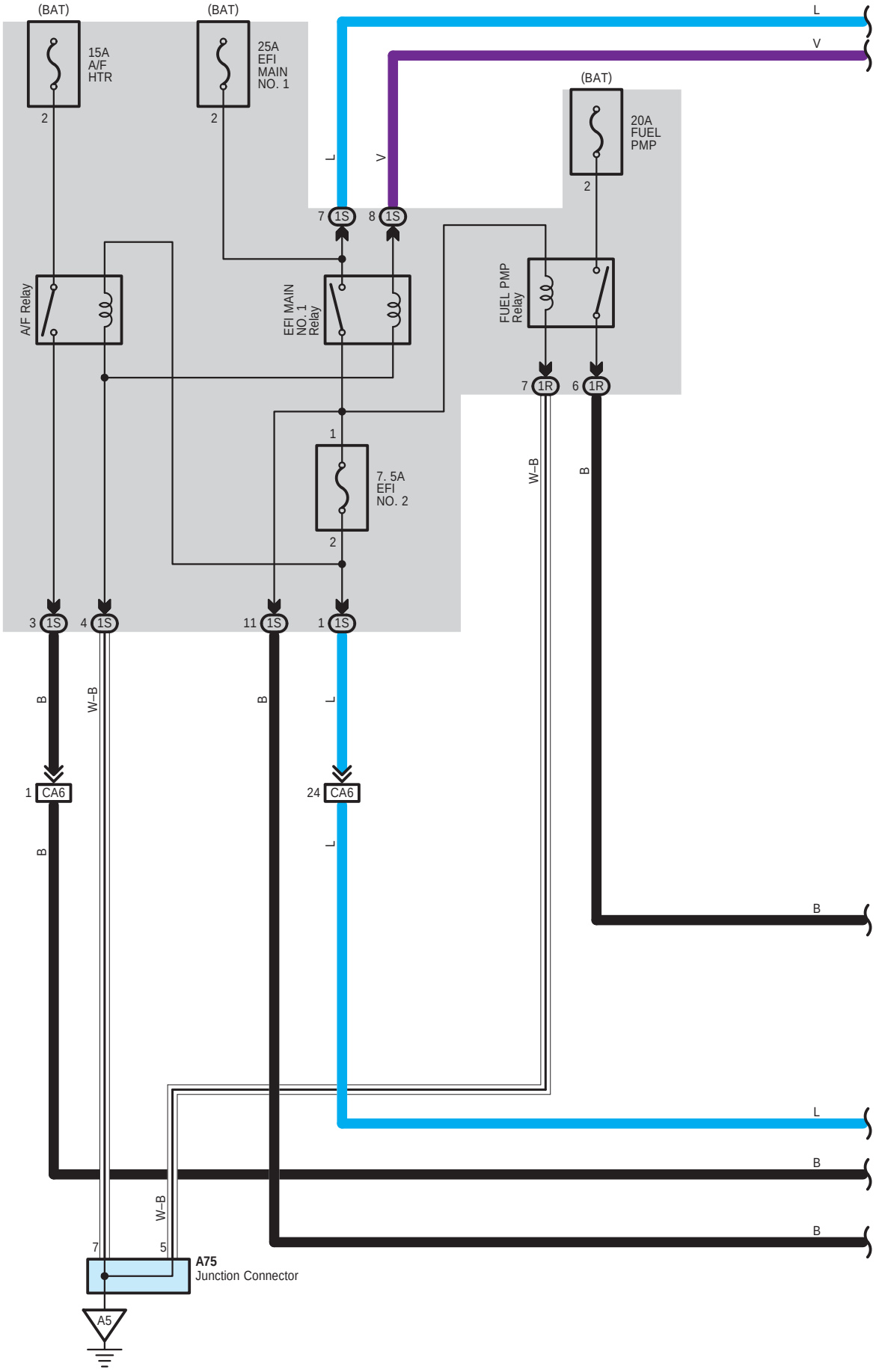
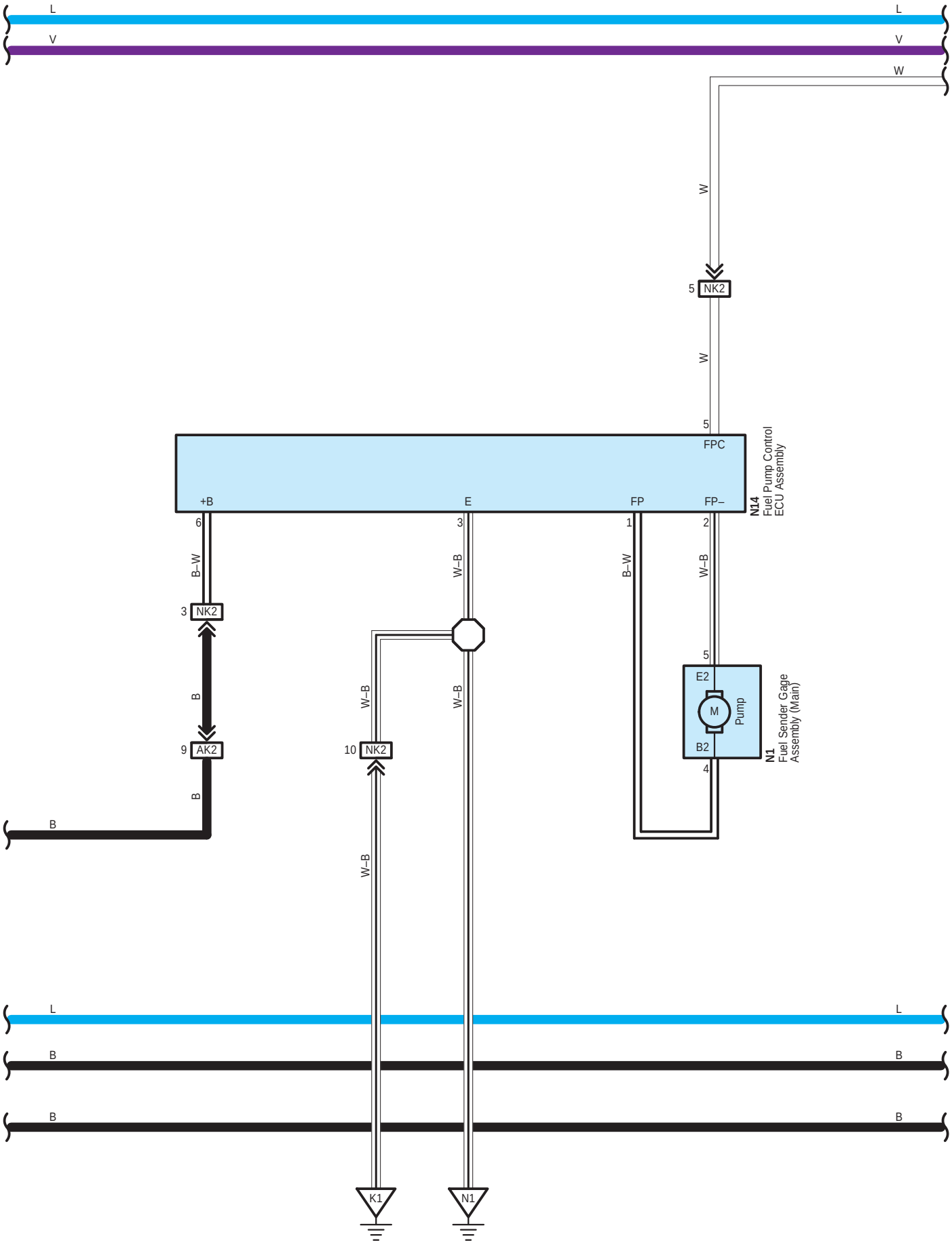
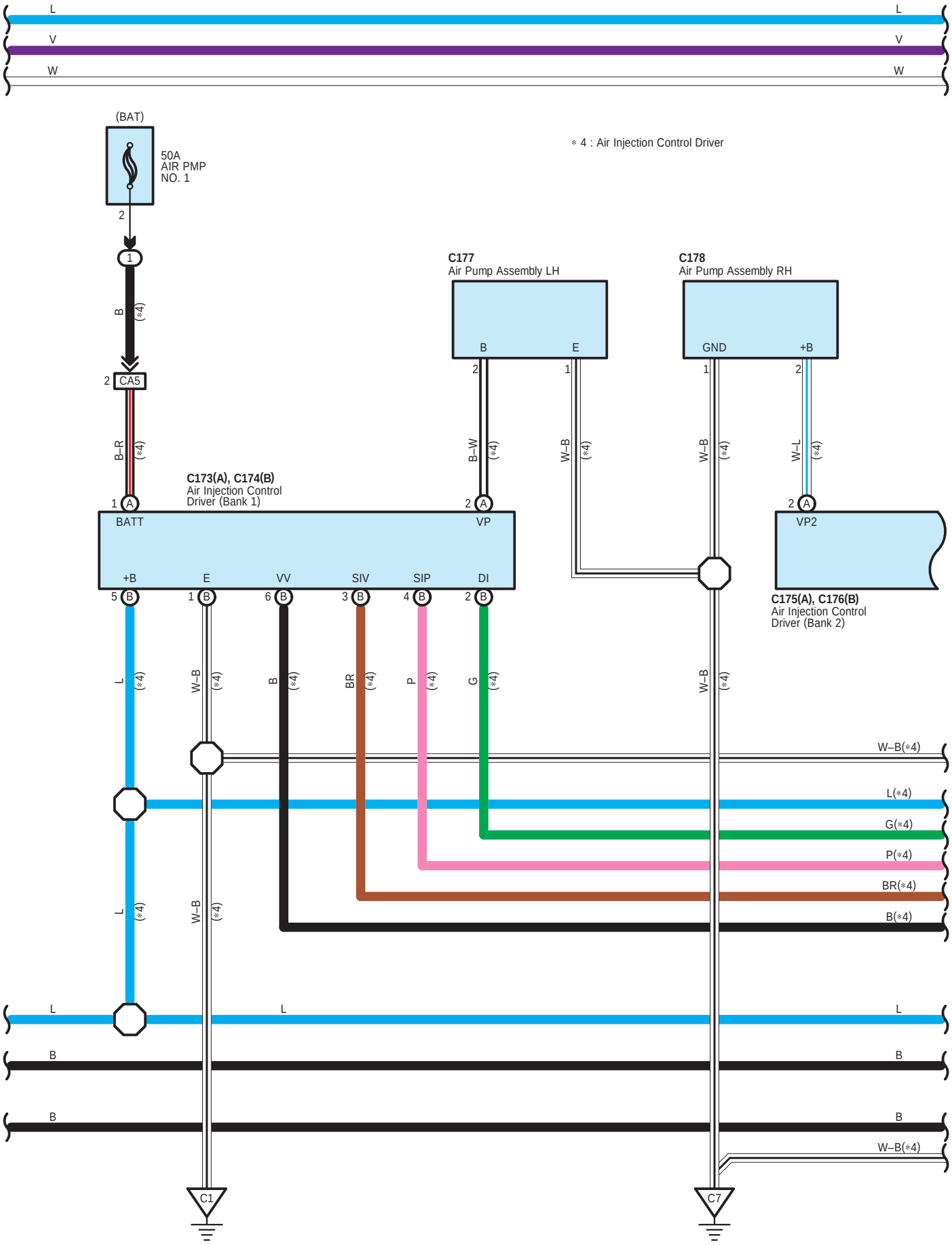
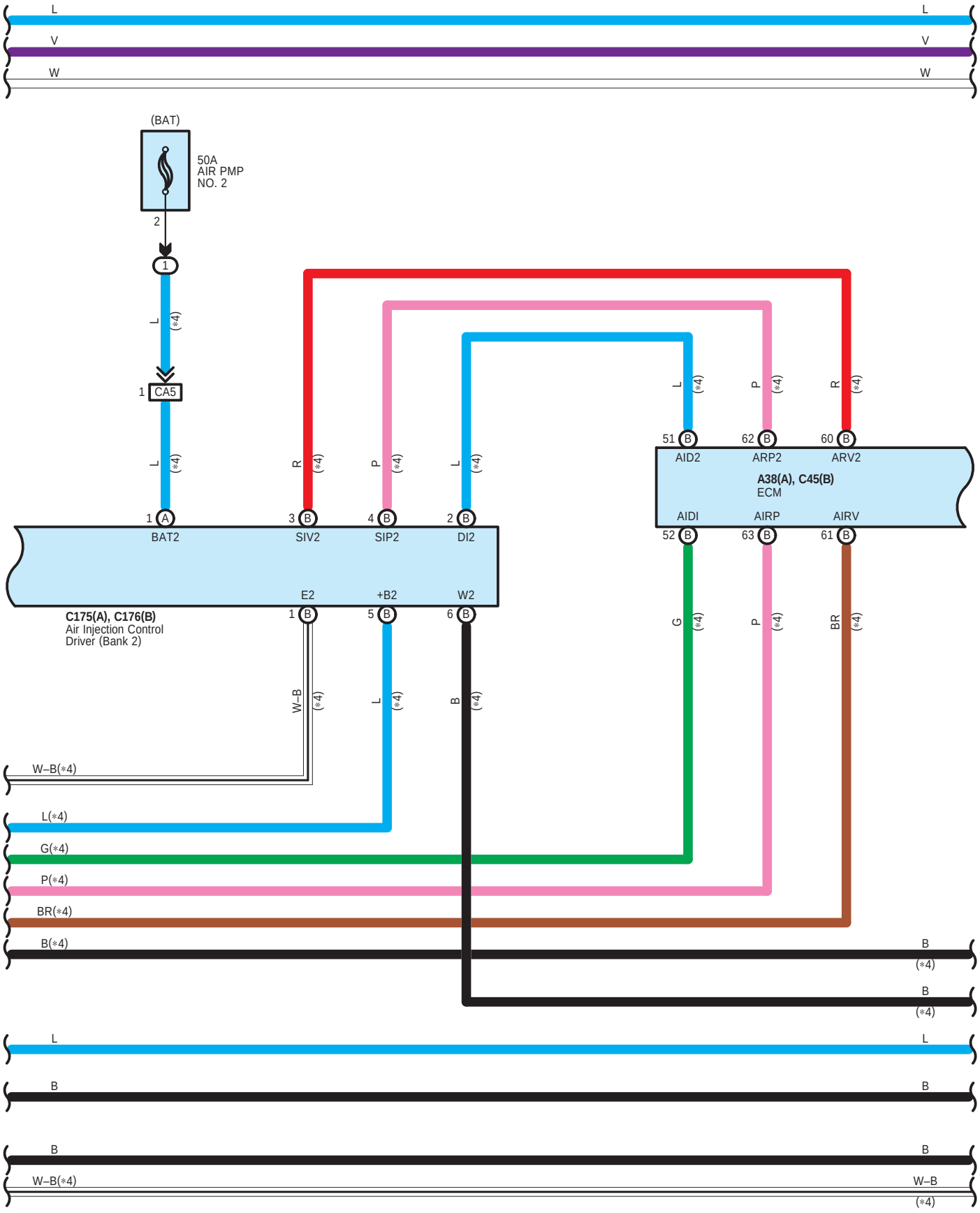
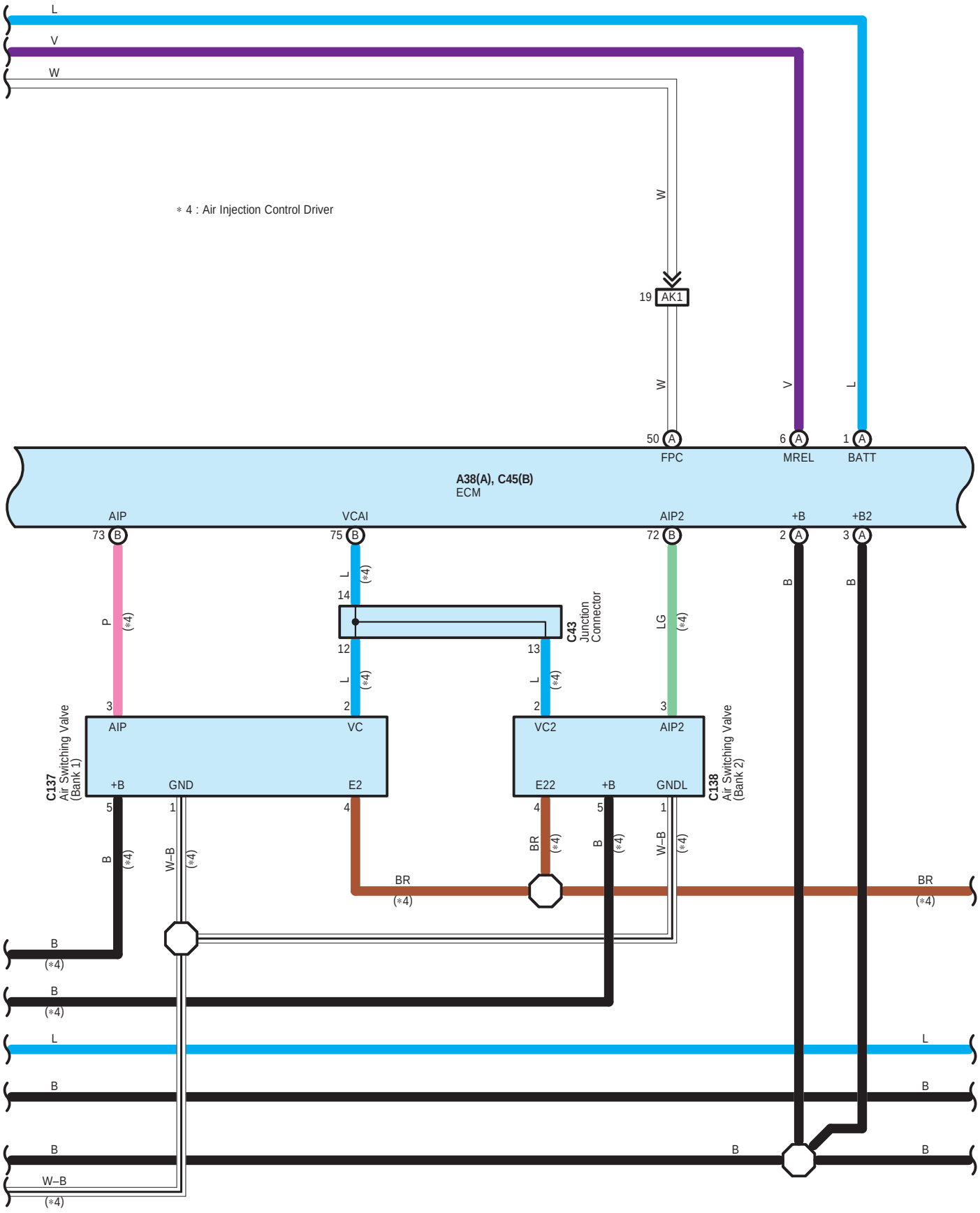
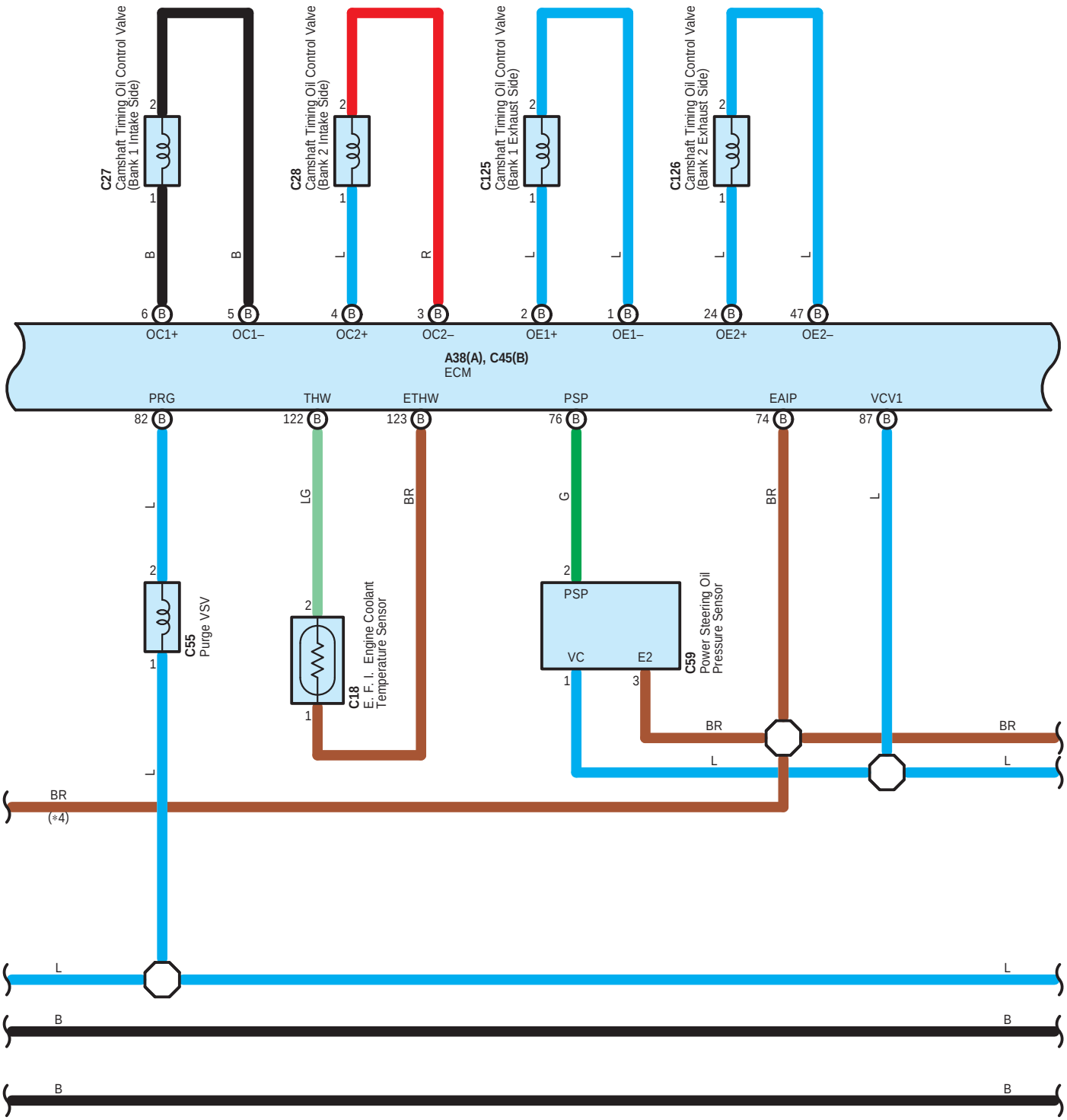

(BAT)
(BAT)
15A
A/F
HTR
25A
EFI
MAIN
NO. 1
20A
FUEL
PMP
L
V
A/F Relay
EFI MAIN
NO. 1
Relay
FUEL PMP
Relay
7. 5A
EFI
NO. 2
1S
1R
CA6
W–B
B
A75
Junction Connector
A5

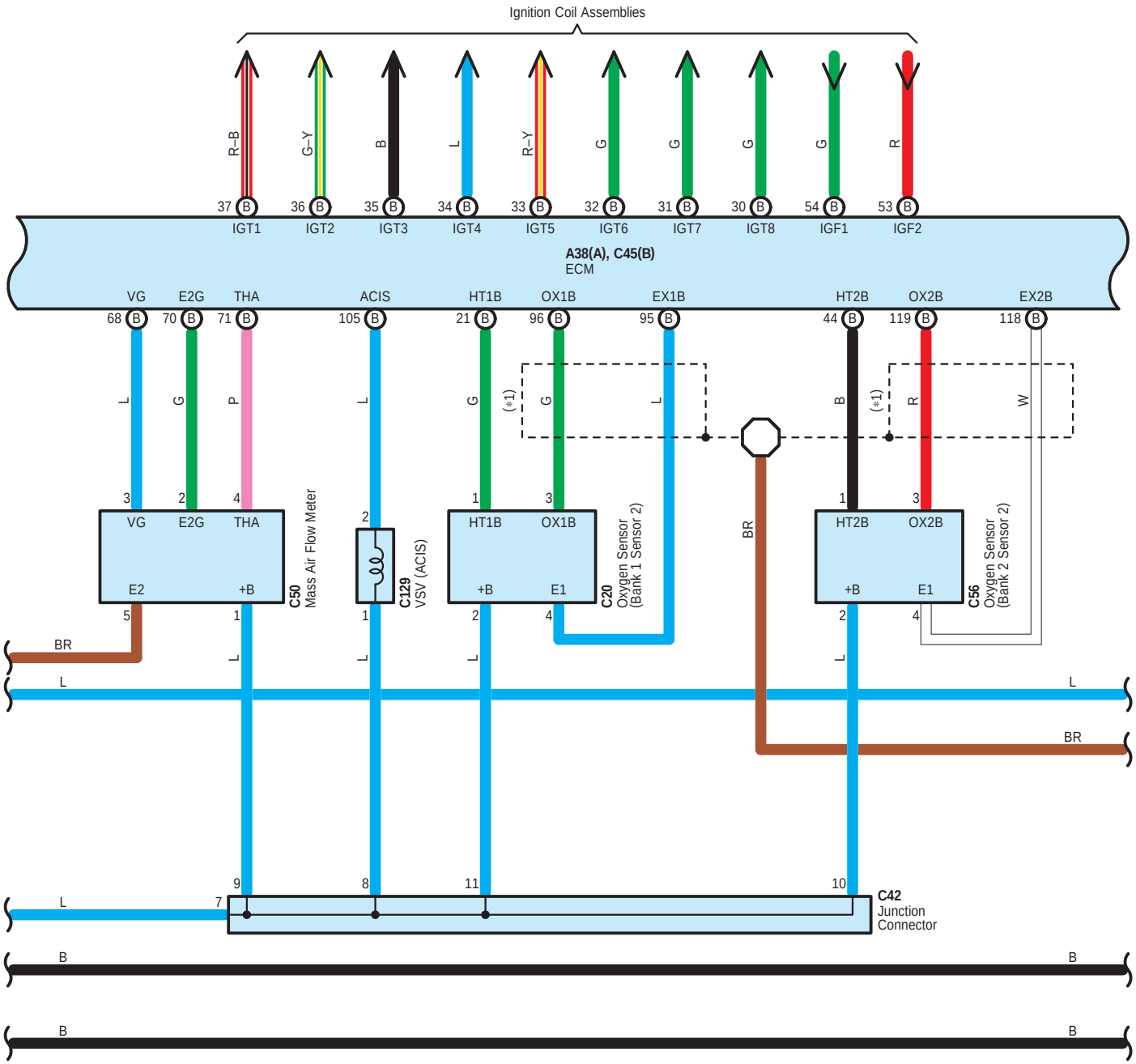

L
V
L
V
W
W
5
NK2
W
5
FPC
+B
E
FP
FP–
N14
Fuel Pump Control ECU Assembly
6
3
1
2
B–W
W–B
B–W
W–B
3
NK2
5
E2
M
Pump
B2
4
N1
Fuel Sender Gage Assembly (Main)
B
9
AK2
B
B
10
NK2
W–B
W–B
W–B
L
B
B
L
B
B
K1
N1

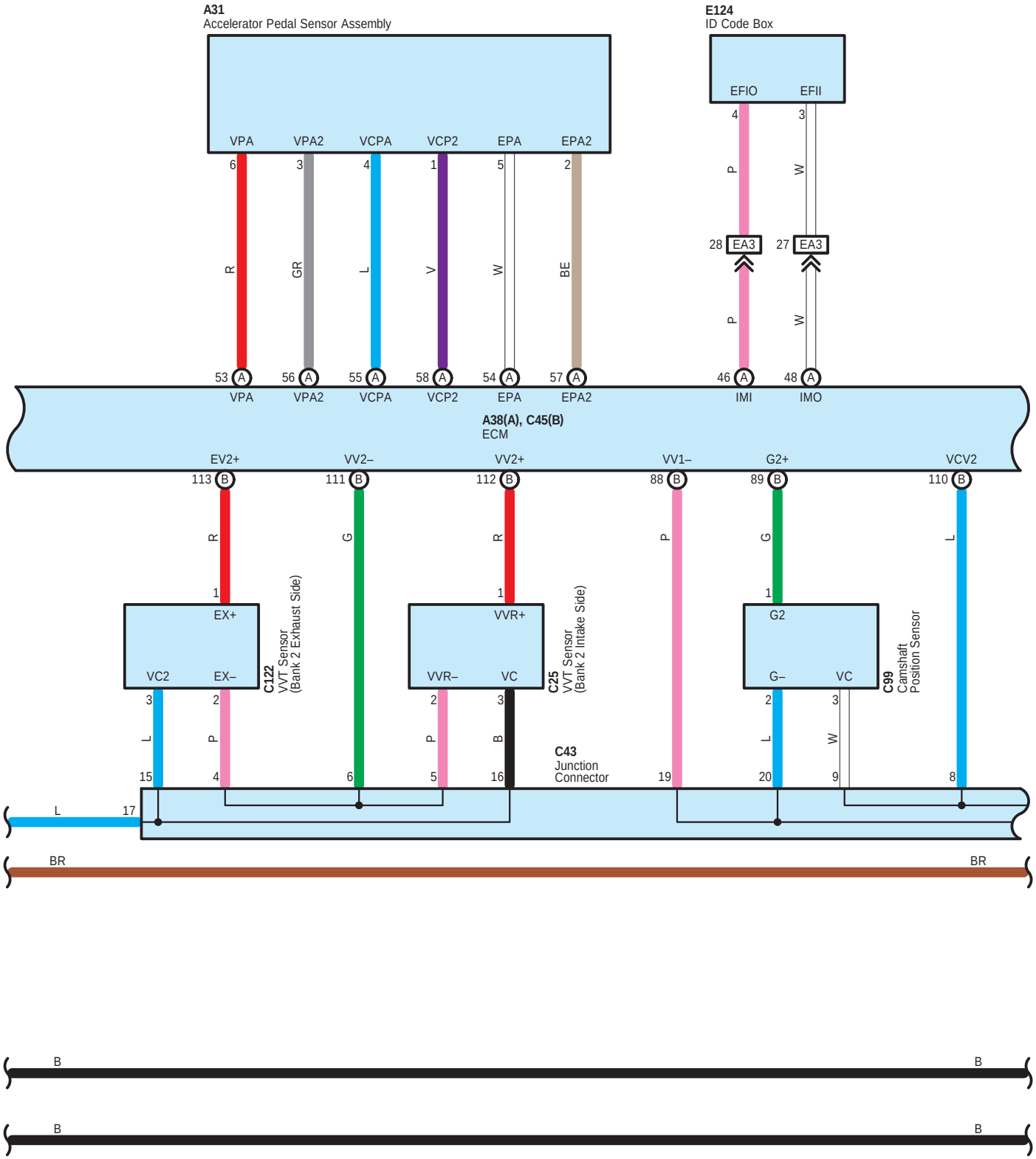

L
V
W
(BAT)
50A
AIR PMP
NO. 1
2
1
B
(*4)
2 CA5
B–R
(*4)
1 A
BATT
C173(A), C174(B)
Air Injection Control
Driver (Bank 1)
+B
E
VV
SIV
SIP
DI
5 B
1 B
6 B
3 B
4 B
2 B
L
(*4)
W–B
(*4)
B
(*4)
BR
(*4)
P
(*4)
G
(*4)
C177
Air Pump Assembly LH
B
E
2
1
B–W
(*4)
W–B
(*4)
2 A
VP
C178
Air Pump Assembly RH
GND
+B
1
2
W–B
(*4)
W–L
(*4)
2 A
VP2
C175(A), C176(B)
Air Injection Control
Driver (Bank 2)
W–B
(*4)
∗ 4 : Air Injection Control Driver
W–B(*4)
L(*4)
G(*4)
P(*4)
BR(*4)
B(*4)
L
L
L
B
B
B
B
W–B(*4)
C1
C7

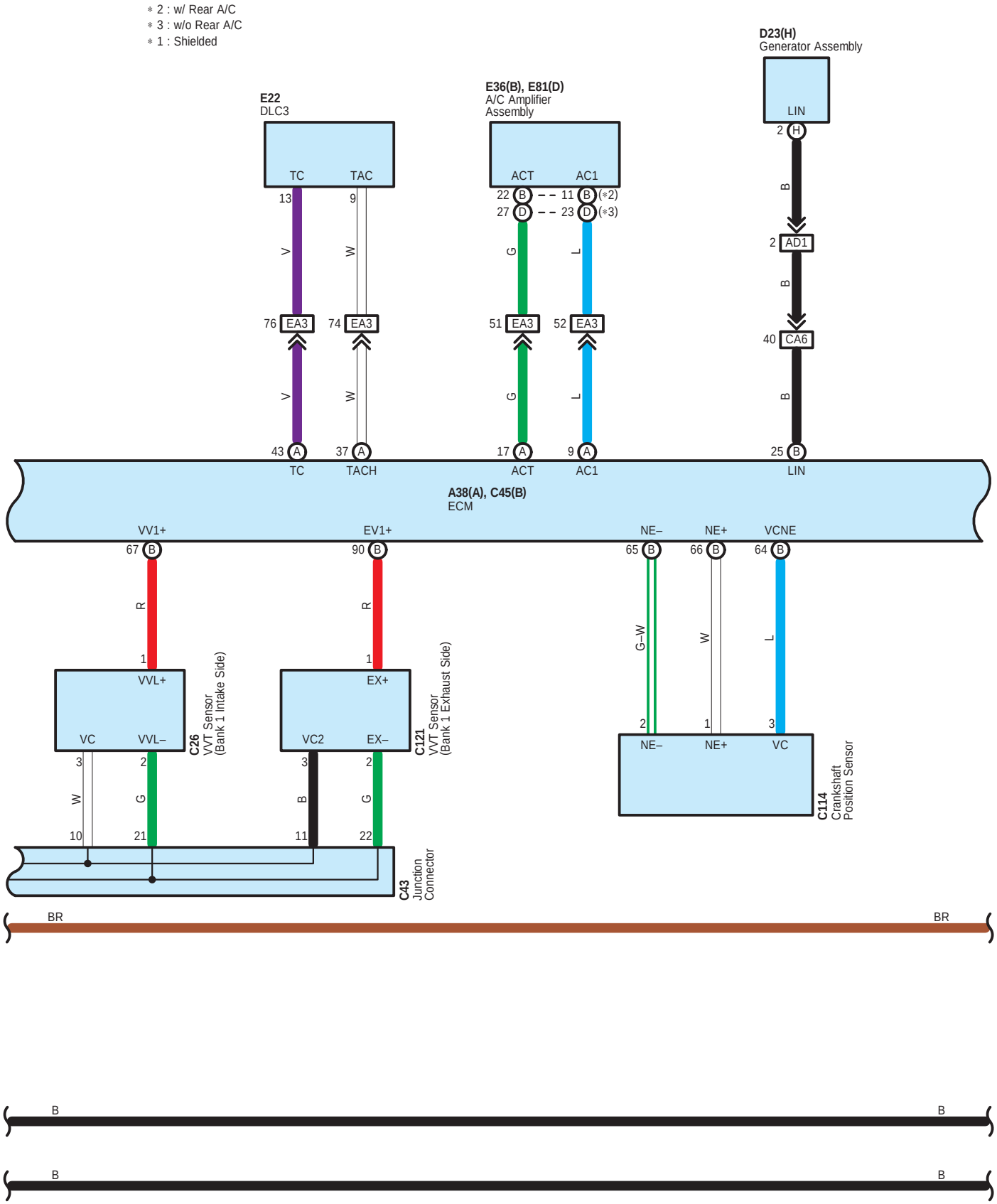

L
V
W
(BAT)
50A
AIR PMP
NO. 2
2
1
L
(*4)
1 CA5
L
(*4)
1 A
BAT2
R
(*4)
3 B
SIV2
P
(*4)
4 B
SIP2
L
(*4)
2 B
DI2
C175(A), C176(B)
Air Injection Control
Driver (Bank 2)
E2
1 B
+B2
5 B
W2
6 B
W–B
(*4)
L
(*4)
B
(*4)
W–B(*4)
L(*4)
G(*4)
P(*4)
BR(*4)
B(*4)
L
(*4)
P
(*4)
R
(*4)
51 B
AID2
62 B
ARP2
60 B
ARV2
A38(A), C45(B)
ECM
AIDI
52 B
AIRP
63 B
AIRV
61 B
G
(*4)
P
(*4)
BR
(*4)
B
(*4)
B
(*4)
L
B
W–B(*4)
W–B
(*4)

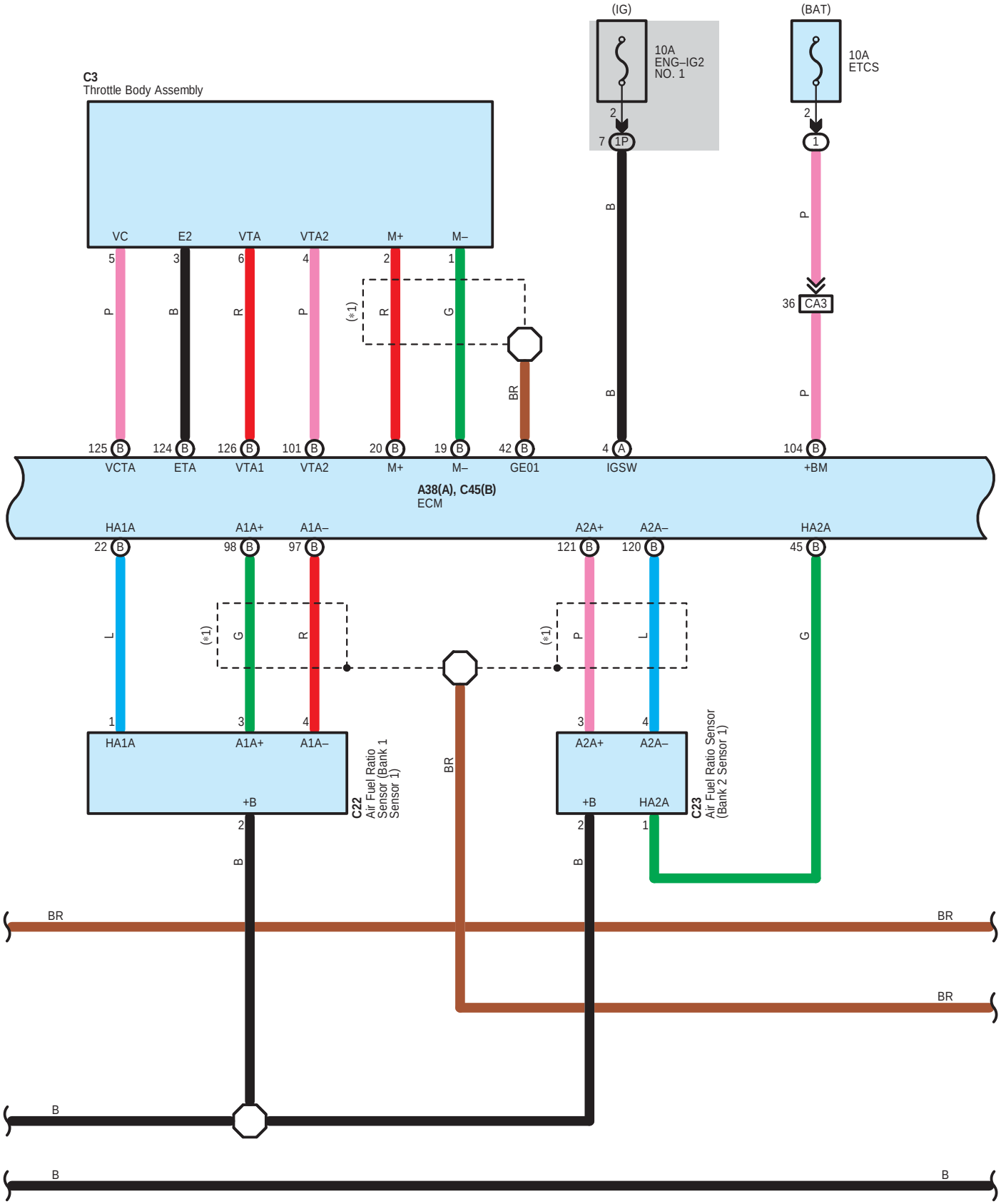

∗ 4 : Air Injection Control Driver
L
V
W
W
19 AK1
W
V
L
50 A FPC
6 A MREL
1 A BATT
A38(A), C45(B)
ECM
AIP
VCAI
AIP2
+B
+B2
73 B
75 B
72 B
2 A
3 A
P (∗4)
L (∗4)
LG (∗4)
B
B
14
12
13
C43 Junction Connector
L (∗4)
L (∗4)
3
2
2
3
C137 Air Switching Valve (Bank 1)
AIP
VC
VC2
AIP2
C138 Air Switching Valve (Bank 2)
+B
GND
E2
E22
+B
GNDL
5
1
4
4
5
1
B (∗4)
W–B (∗4)
BR (∗4)
BR (∗4)
B (∗4)
W–B (∗4)
BR (∗4)
BR (∗4)
B (∗4)
B (∗4)
L
B
B
W–B (∗4)
L
B
B
B
B

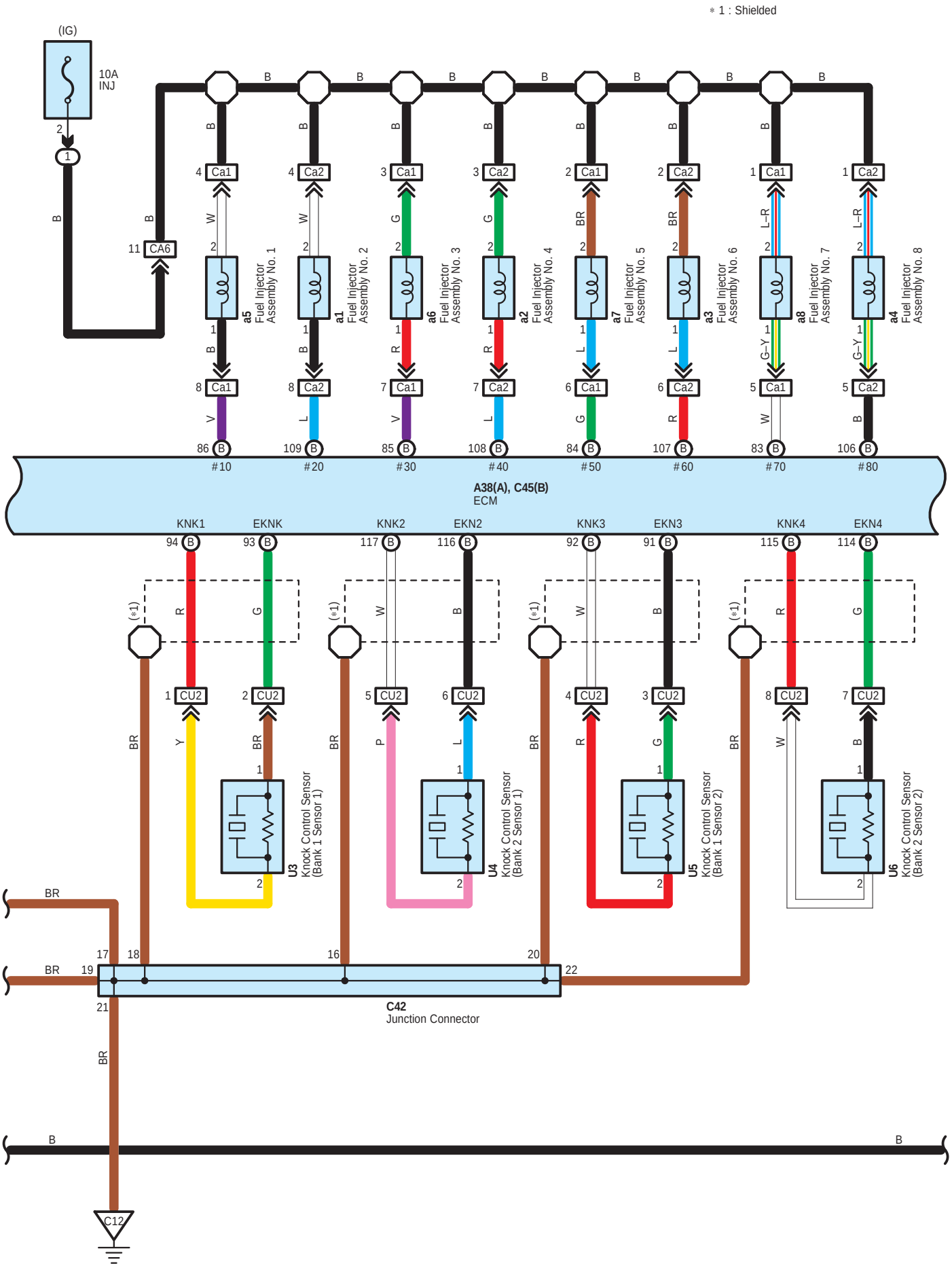

C27
Camshaft Timing Oil Control Valve (Bank 1 Intake Side)
C28
Camshaft Timing Oil Control Valve (Bank 2 Intake Side)
C125
Camshaft Timing Oil Control Valve (Bank 1 Exhaust Side)
C126
Camshaft Timing Oil Control Valve (Bank 2 Exhaust Side)
OC1+
OC1–
OC2+
OC2–
OE1+
OE1–
OE2+
OE2–
A38(A), C45(B)
ECM
PRG
THW
ETHW
PSP
EAIP
VCV1
C55
Purge VSV
C18
E. F. I. Engine Coolant Temperature Sensor
C59
Power Steering Oil Pressure Sensor
VC
E2
(*4)

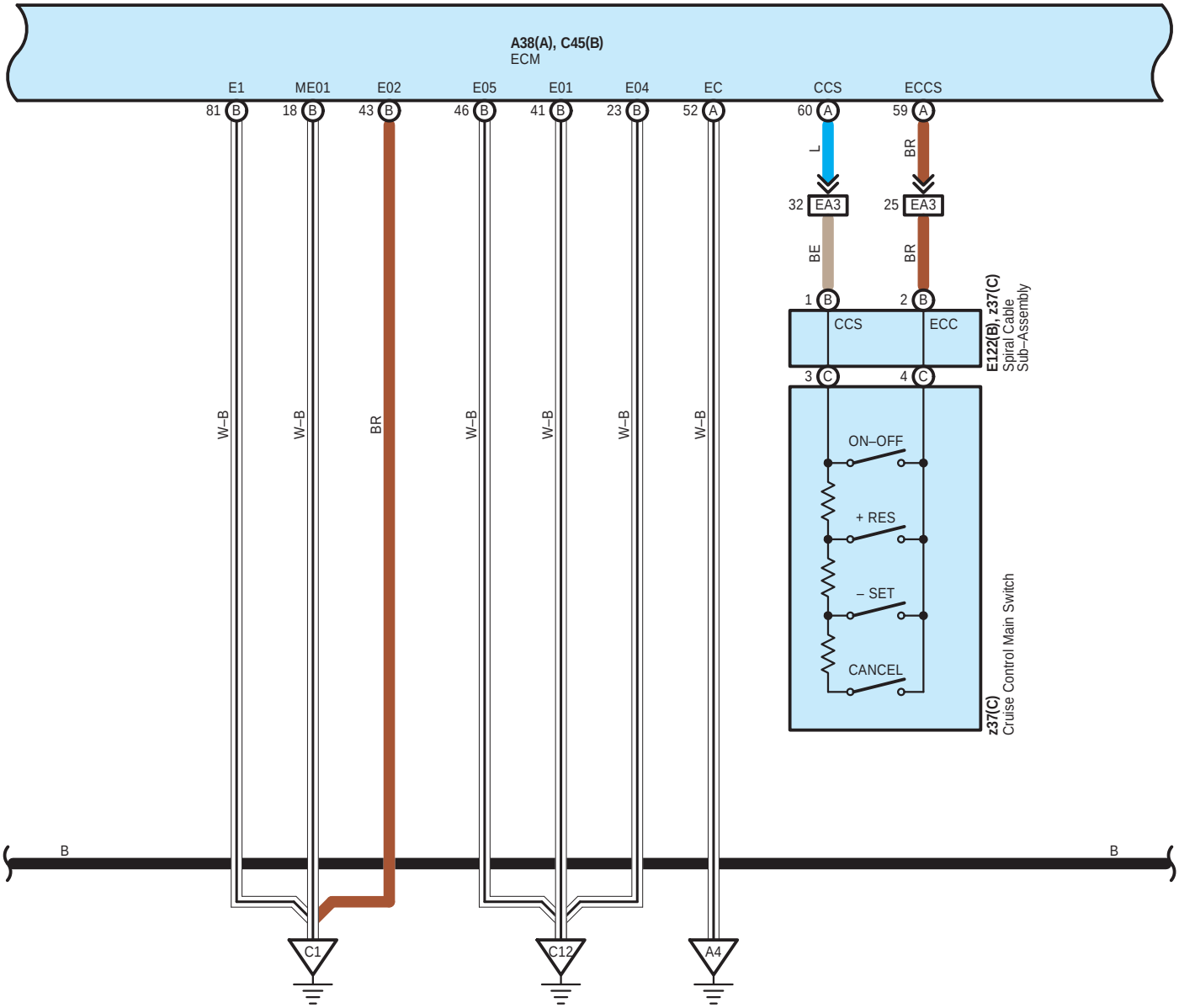

∗ 1 : Shielded
Ignition Coil Assemblies
R–B
G–Y
B
L
R–Y
G
G
G
G
R
37 B IGT1
36 B IGT2
35 B IGT3
34 B IGT4
33 B IGT5
32 B IGT6
31 B IGT7
30 B IGT8
54 B IGF1
53 B IGF2
A38(A), C45(B)
ECM
VG
E2G
THA
ACIS
HT1B
OX1B
EX1B
HT2B
OX2B
EX2B
68 B
70 B
71 B
105 B
21 B
96 B
95 B
44 B
119 B
118 B
L
G
P
L
G
G
L
B
R
W
(∗1)
(∗1)
C50
Mass Air Flow Meter
C129
VSV (ACIS)
C20
Oxygen Sensor
(Bank 1 Sensor 2)
C56
Oxygen Sensor
(Bank 2 Sensor 2)
BR
L
BR
L
L
L
L
L
C42
Junction
Connector
B
B
B
B

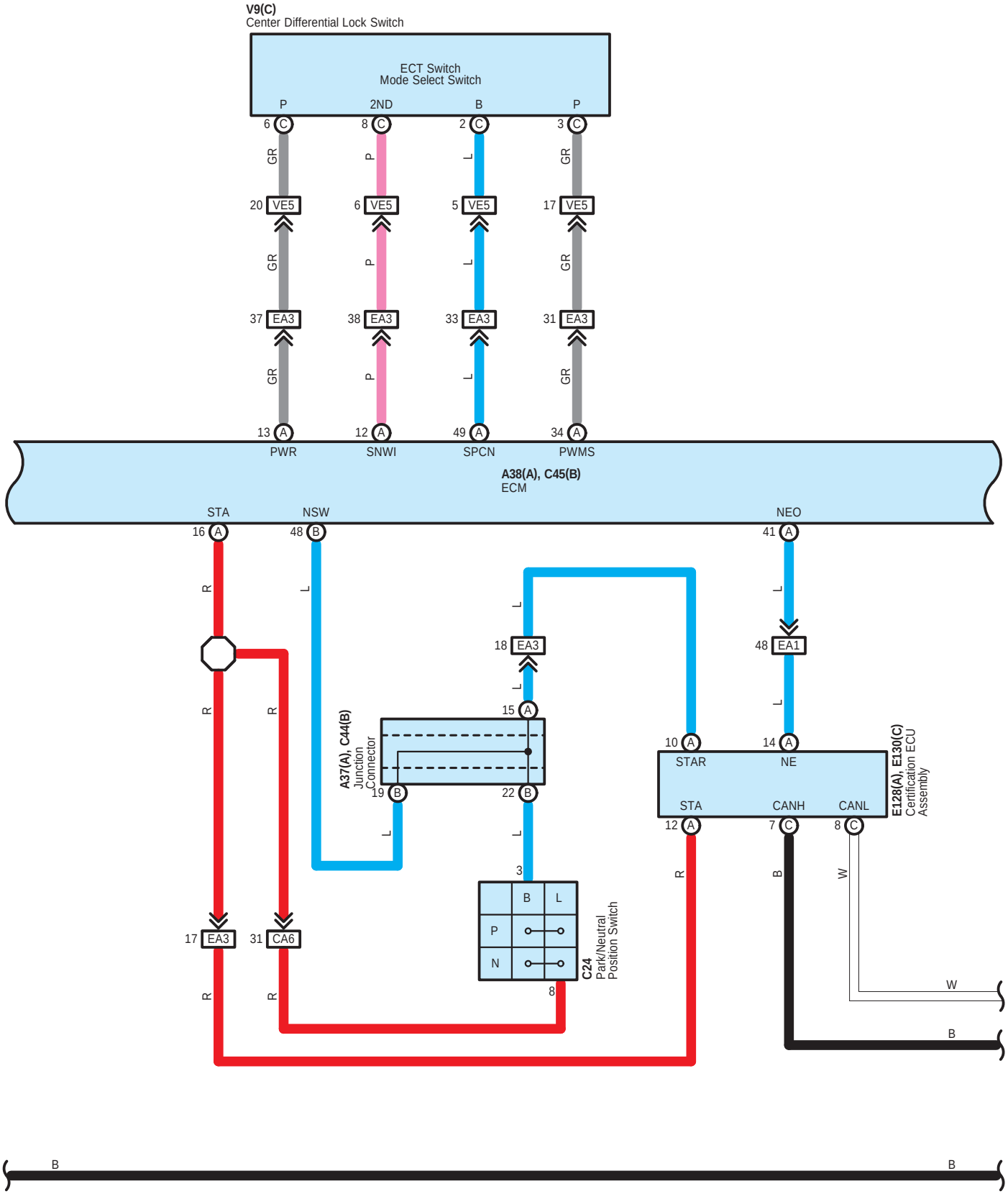

A31
Accelerator Pedal Sensor Assembly
VPA
VPA2
VCPA
VCP2
EPA
EPA2
6
3
4
1
5
2
R
GR
L
V
W
BE
53 A VPA
56 A VPA2
55 A VCPA
58 A VCP2
54 A EPA
57 A EPA2
E124
ID Code Box
EFIO
EFII
4
3
P
W
28 EA3
27 EA3
46 A IMI
48 A IMO
A38(A), C45(B)
ECM
EV2+
VV2–
VV2+
VV1–
G2+
VCV2
113 B
111 B
112 B
88 B
89 B
110 B
R
G
R
P
G
L
1
1
1
EX+
VC2
EX–
C122
VVT Sensor
(Bank 2 Exhaust Side)
VVR+
VVR–
VC
C25
VVT Sensor
(Bank 2 Intake Side)
G2
G–
VC
C99
Camshaft
Position Sensor
3
2
2
3
2
3
L
P
P
B
L
W
15
4
6
5
16
19
20
9
8
C43
Junction
Connector
L
17
BR
BR
B
B
B
B

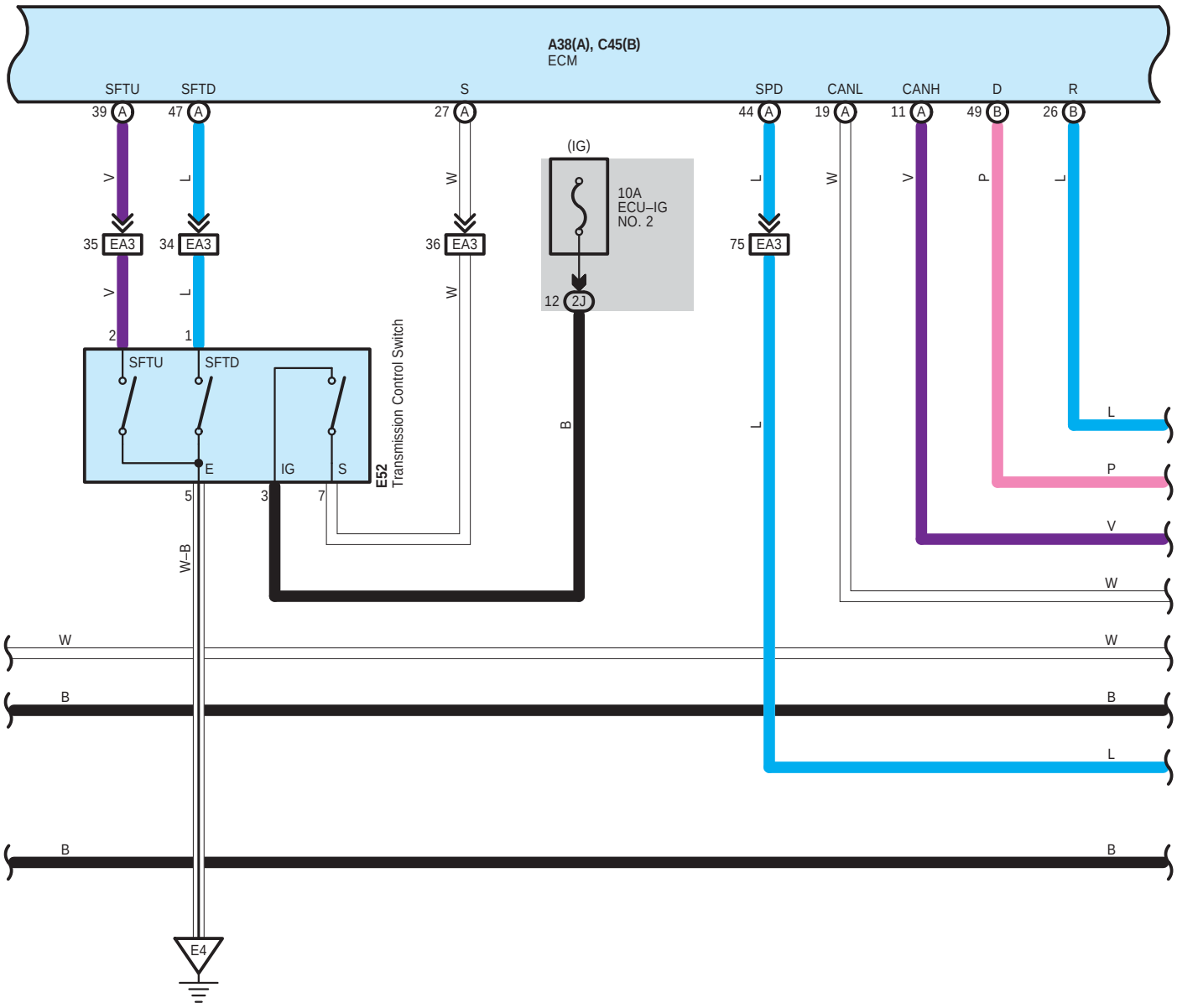

∗ 2 : w/ Rear A/C
∗ 3 : w/o Rear A/C
∗ 1 : Shielded
E22
DLC3
TC
TAC
13
9
V
W
76 EA3
74 EA3
V
W
43 A
37 A
TC
TACH
E36(B), E81(D)
A/C Amplifier
Assembly
ACT
AC1
22 B
11 B (∗2)
27 D
23 D (∗3)
G
L
51 EA3
52 EA3
G
L
17 A
9 A
ACT
AC1
D23(H)
Generator Assembly
LIN
2 H
B
2 AD1
B
40 CA6
B
25 B
LIN
A38(A), C45(B)
ECM
VV1+
67 B
R
1
VVL+
VC
VVL–
3
2
W
G
10
21
C26
VVT Sensor
(Bank 1 Intake Side)
EV1+
90 B
R
1
EX+
VC2
EX–
3
2
B
G
11
22
C121
VVT Sensor
(Bank 1 Exhaust Side)
C43
Junction
Connector
NE–
NE+
VCNE
65 B
66 B
64 B
G–W
W
L
2
1
3
NE–
NE+
VC
C114
Crankshaft
Position Sensor
BR
BR
B
B
B
B

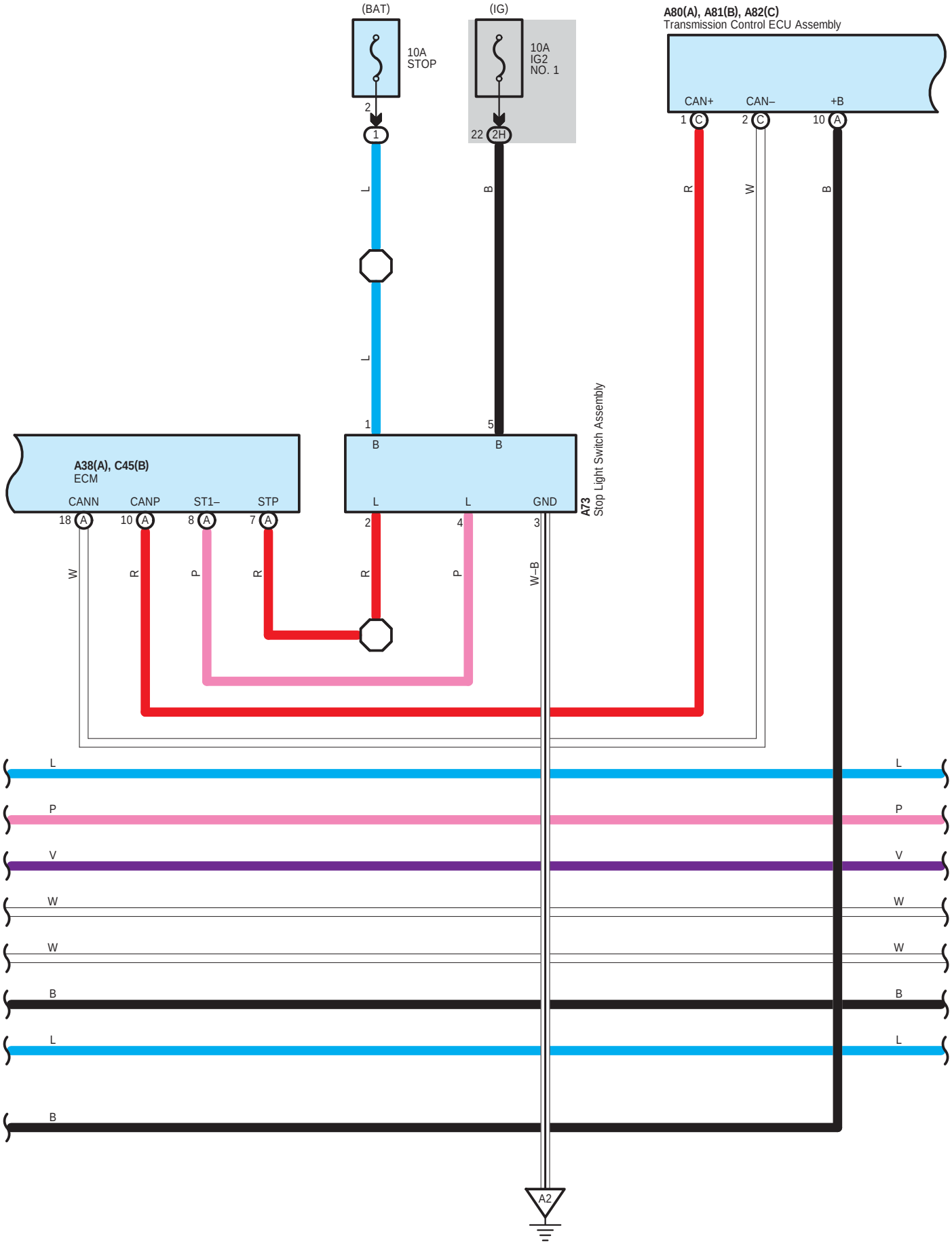

(IG)
10A
ENG–IG2
NO. 1
(BAT)
10A
ETCS
C3
Throttle Body Assembly
VC
E2
VTA
VTA2
M+
M–
5
3
6
4
2
1
P
B
R
P
R
G
(*1)
BR
B
B
P
P
7 1P
2
2
1
36 CA3
125 B
124 B
126 B
101 B
20 B
19 B
42 B
4 A
104 B
VCTA
ETA
VTA1
VTA2
M+
M–
GE01
IGSW
+BM
A38(A), C45(B)
ECM
HA1A
A1A+
A1A–
A2A+
A2A–
HA2A
22 B
98 B
97 B
121 B
120 B
45 B
L
G
R
P
L
G
(*1)
(*1)
1
3
4
3
4
HA1A
A1A+
A1A–
+B
C22
Air Fuel Ratio Sensor (Bank 1 Sensor 1)
BR
A2A+
A2A–
+B
HA2A
C23
Air Fuel Ratio Sensor (Bank 2 Sensor 1)
2
1
2
B
B
BR
BR
BR
B
B
B

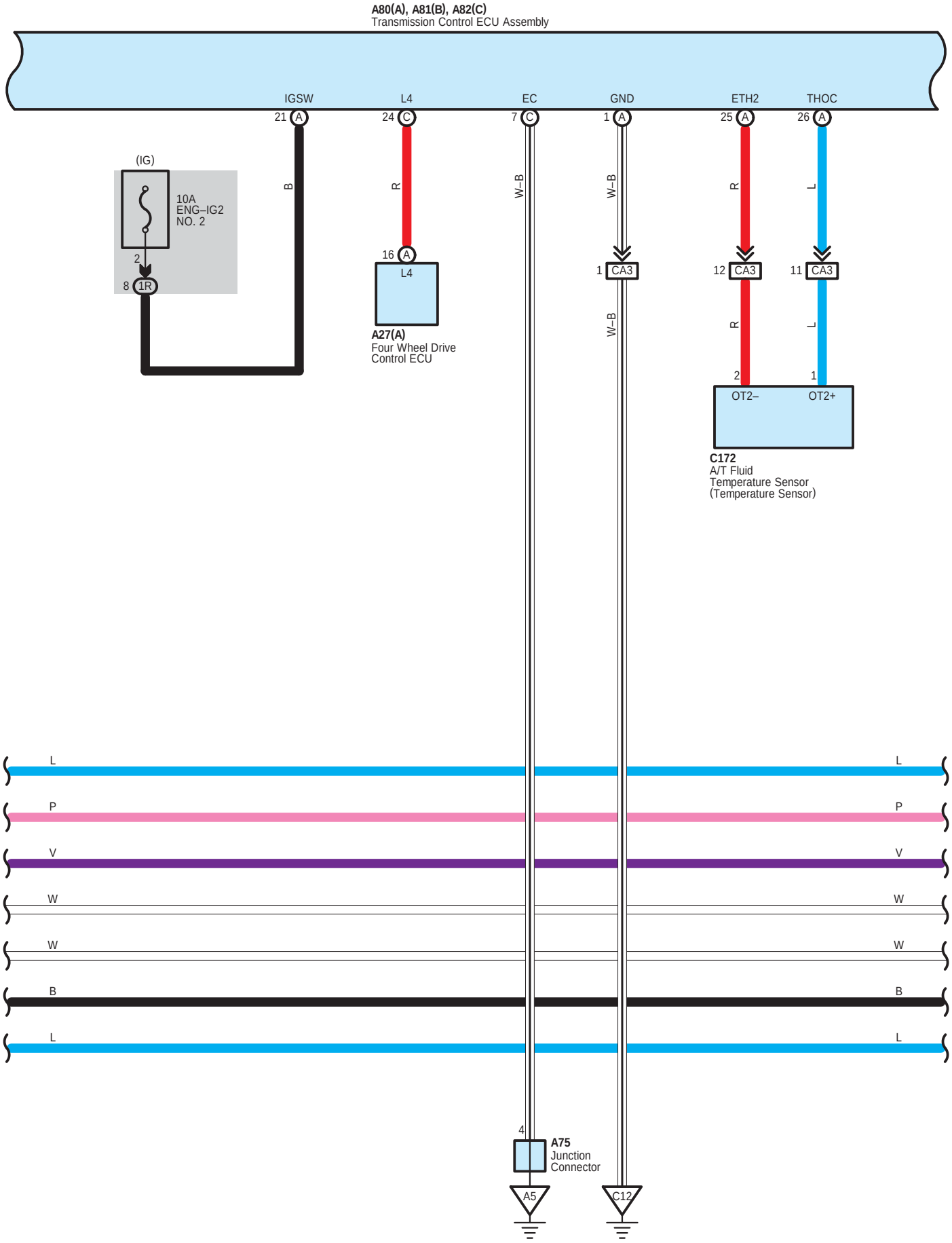

* 1 : Shielded
(IG)
10A
INJ
A38(A), C45(B)
ECM
KNK1
EKNK
KNK2
EKN2
KNK3
EKN3
KNK4
EKN4
U3
Knock Control Sensor
(Bank 1 Sensor 1)
U4
Knock Control Sensor
(Bank 2 Sensor 1)
U5
Knock Control Sensor
(Bank 1 Sensor 2)
U6
Knock Control Sensor
(Bank 2 Sensor 2)
C42
Junction Connector
C12


A38(A), C45(B)
ECM
E1
ME01
E02
E05
E01
E04
EC
CCS
ECCS
81 B
18 B
43 B
46 B
41 B
23 B
52 A
60 A
59 A
L
BR
32 EA3
25 EA3
BE
BR
1 B
2 B
CCS
ECC
E122(B), z37(C)
Spiral Cable
Sub–Assembly
3 C
4 C
ON–OFF
+ RES
– SET
CANCEL
z37(C)
Cruise Control Main Switch
W–B
W–B
BR
W–B
W–B
W–B
W–B
B
B
C1
C12
A4

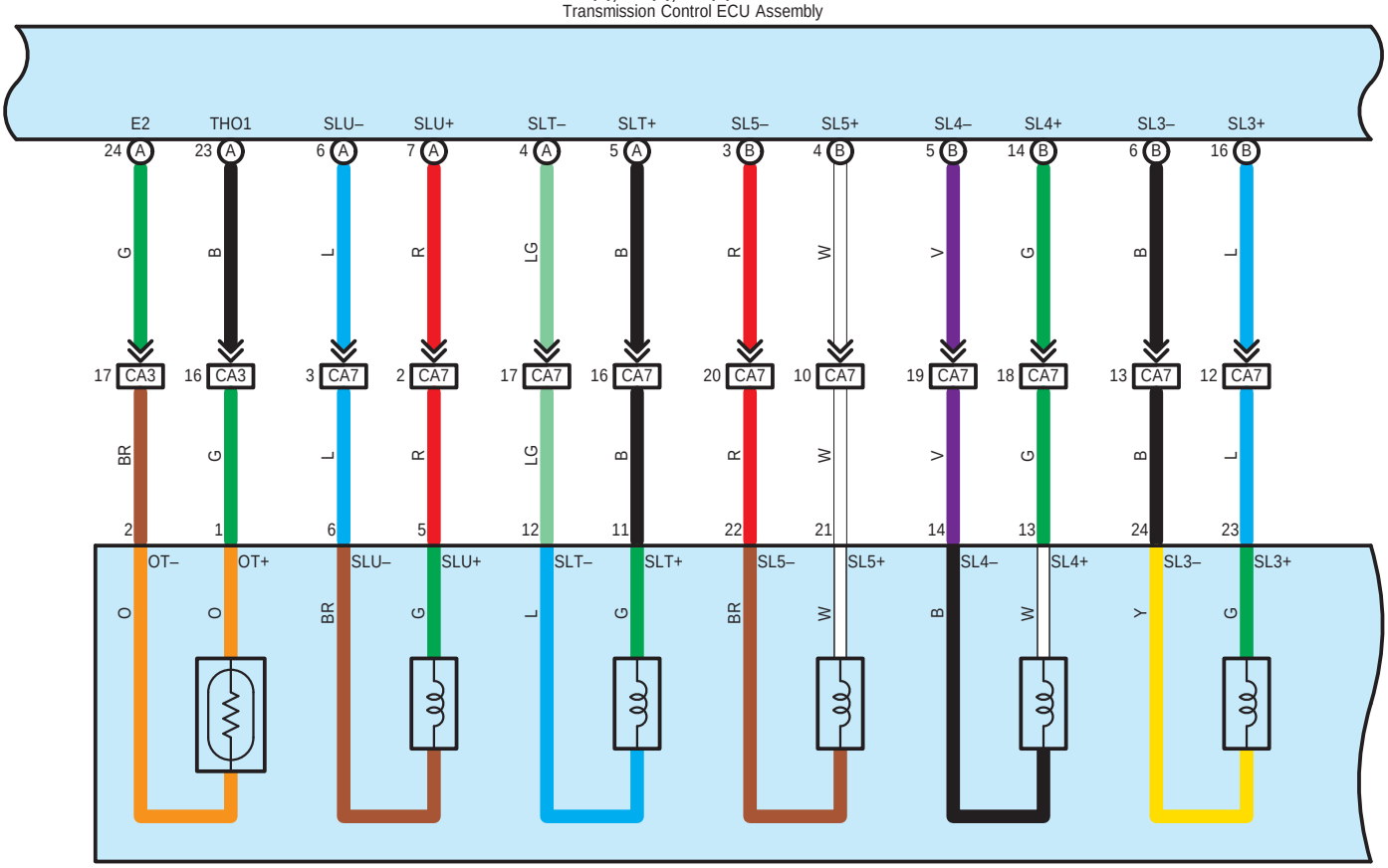

V9(C)
Center Differential Lock Switch
ECT Switch
Mode Select Switch
P
2ND
B
P
6 C
8 C
2 C
3 C
GR
P
L
GR
20 VE5
6 VE5
5 VE5
17 VE5
37 EA3
38 EA3
33 EA3
31 EA3
13 A
12 A
49 A
34 A
PWR
SNWI
SPCN
PWMS
A38(A), C45(B)
ECM
STA
NSW
NEO
16 A
48 B
41 A
R
L
18 EA3
48 EA1
15 A
A37(A), C44(B)
Junction
Connector
19 B
22 B
10 A
14 A
STAR
NE
E128(A), E130(C)
Certification ECU
Assembly
STA
CANH
CANL
12 A
7 C
8 C
17 EA3
31 CA6
3
B
L
P
N
8
C24
Park/Neutral
Position Switch
W
B


A38(A), C45(B)
ECM
SFTU
SFTD
S
SPD
CANL
CANH
D
R
39 A
47 A
27 A
44 A
19 A
11 A
49 B
26 B
(IG)
10A
ECU–IG
NO. 2
12 2J
35 EA3
34 EA3
36 EA3
75 EA3
V
L
W
P
B
2
1
SFTU
SFTD
E
IG
S
E52
Transmission Control Switch
5
3
7
W–B
E4


(BAT)
(IG)
10A
STOP
10A
IG2
NO. 1
A80(A), A81(B), A82(C)
Transmission Control ECU Assembly
CAN+
CAN–
+B
A38(A), C45(B)
ECM
CANN
CANP
ST1–
STP
A73
Stop Light Switch Assembly
L
GND
W–B
A2

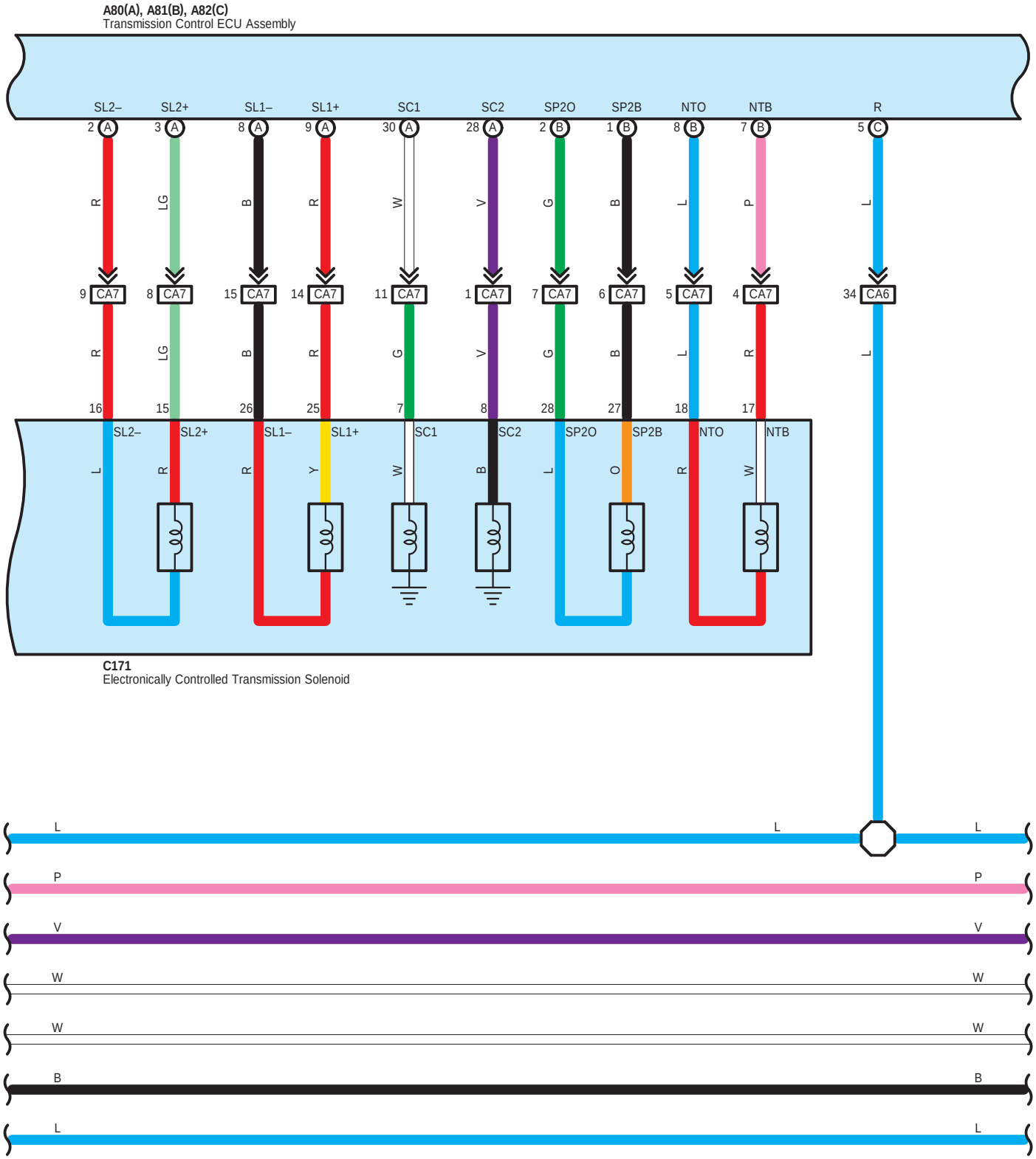

A80(A), A81(B), A82(C)
Transmission Control ECU Assembly
IGSW
L4
EC
GND
ETH2
THOC
21 A
24 C
7 C
1 A
25 A
26 A
(IG)
10A
ENG–IG2
NO. 2
2
8 1R
B
R
W–B
W–B
R
L
16 A
L4
A27(A)
Four Wheel Drive
Control ECU
1 CA3
12 CA3
11 CA3
W–B
R
L
2
1
OT2–
OT2+
C172
A/T Fluid
Temperature Sensor
(Temperature Sensor)
L
P
V
W
W
B
L
L
P
V
W
W
B
L
4
A75
Junction
Connector
A5
C12

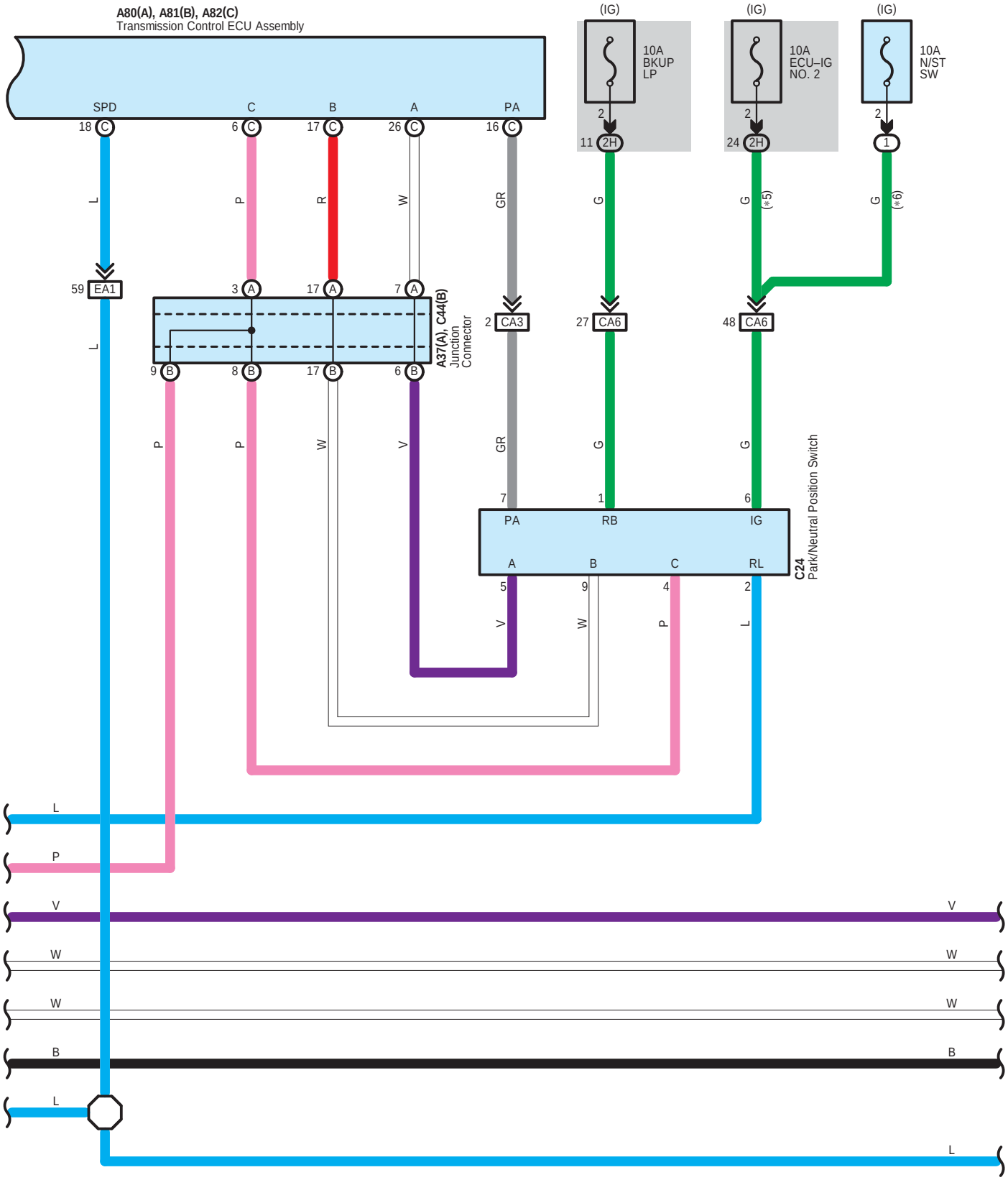
A80(A), A81(B), A82(C)
Transmission Control ECU Assembly



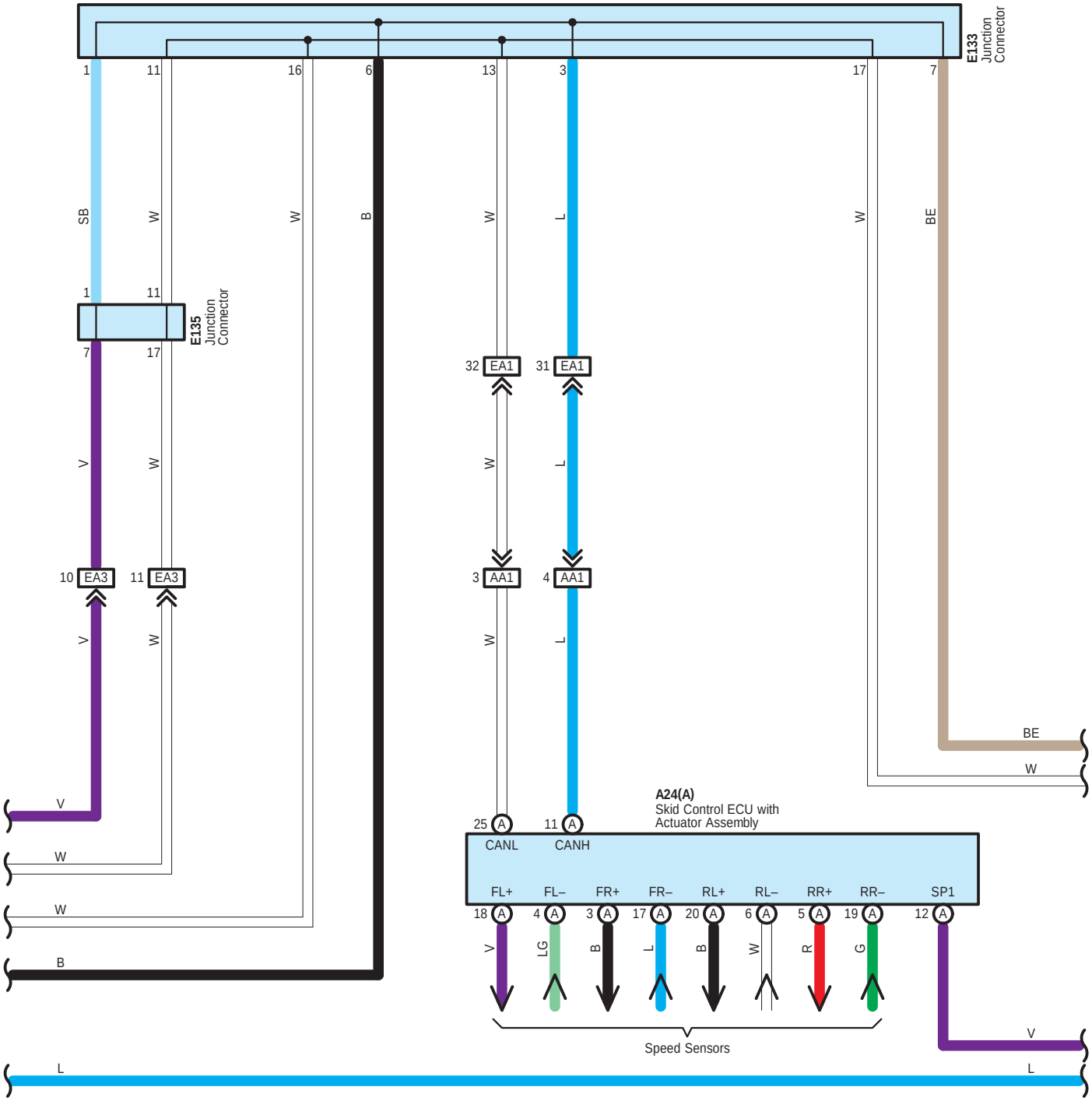
C171
Electronically Controlled Transmission Solenoid

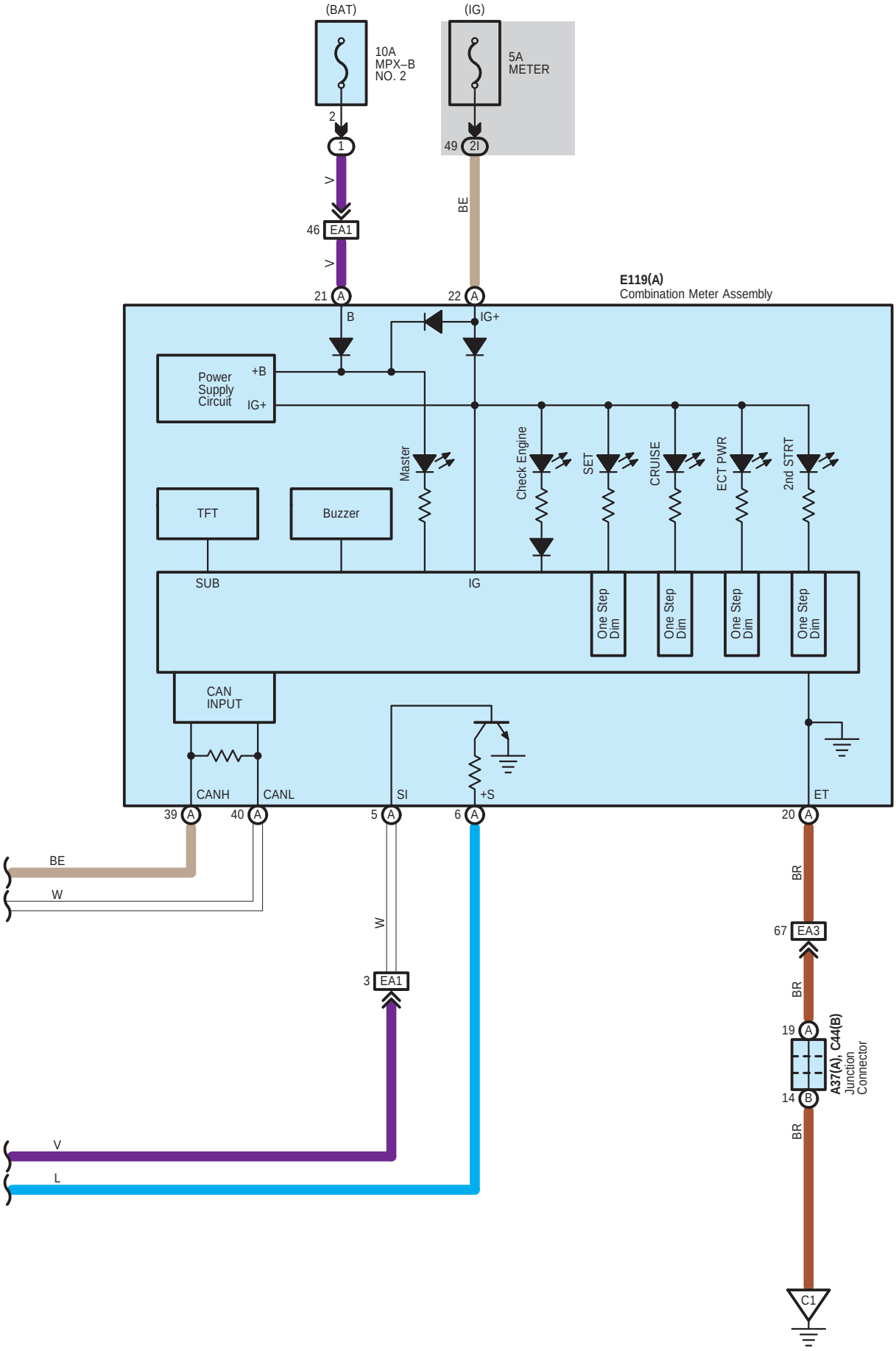



A80(A), A81(B), A82(C)
Transmission Control ECU Assembly
SL2–
SL2+
SL1–
SL1+
SC1
SC2
SP2O
SP2B
NTO
NTB
R
2 A
3 A
8 A
9 A
30 A
28 A
2 B
1 B
8 B
7 B
5 C
R
LG
B
R
W
V
G
B
L
P
L
9 CA7
8 CA7
15 CA7
14 CA7
11 CA7
1 CA7
7 CA7
6 CA7
5 CA7
4 CA7
34 CA6
16
15
26
25
7
8
28
27
18
17
SL2–
SL2+
SL1–
SL1+
SC1
SC2
SP2O
SP2B
NTO
NTB
L
R
R
Y
W
B
L
O
R
W
C171
Electronically Controlled Transmission Solenoid
L
L
L
P
P
V
V
W
W
W
W
B
B
L
L

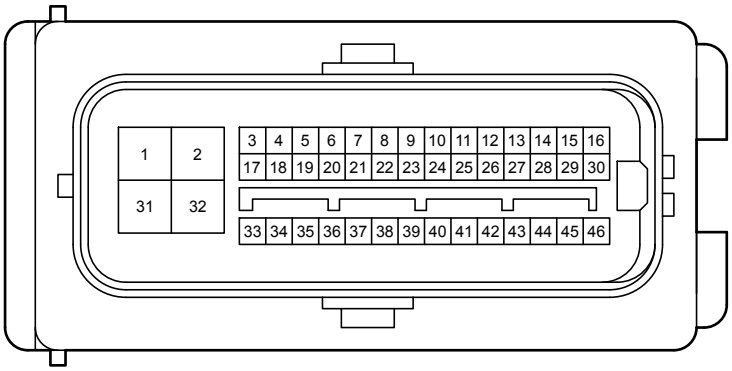


* 5 : Before Aug. 2017 Production
* 6 : From Aug. 2017 Production

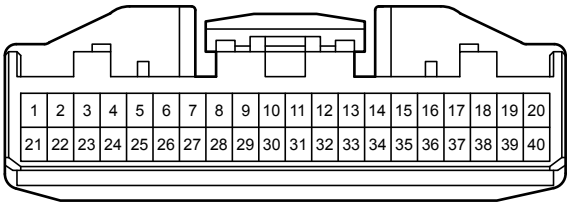

E133
Junction
Connector
1
11
16
6
13
3
17
7
SB
W
W
B
W
L
W
BE
E135
Junction
Connector
1
11
7
17
32 EA1
31 EA1
V
W
W
L
10 EA3
11 EA3
3 AA1
4 AA1
V
W
W
L
BE
W
V
W
W
B
A24(A)
Skid Control ECU with
Actuator Assembly
25 A
11 A
CANL
CANH
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
SP1
18 A
4 A
3 A
17 A
20 A
6 A
5 A
19 A
12 A
V
LG
B
L
B
W
R
G
Speed Sensors
V
L
L


(BAT)
(IG)
10A
MPX–B
NO. 2
5A
METER
2
1
49
2I
V
BE
46
EA1
V
21
A
22
A
E119(A)
Combination Meter Assembly
B
IG+
Power
Supply
Circuit
+B
IG+
Master
Check Engine
SET
CRUISE
ECT PWR
2nd STRT
TFT
Buzzer
SUB
IG
One Step
Dim
CAN
INPUT
CANH
CANL
SI
+S
ET
39
40
5
6
20
BE
W
W
3
EA1
BR
67
EA3
BR
19
14
A37(A), C44(B)
Junction
Connector
BR
V
L
C1

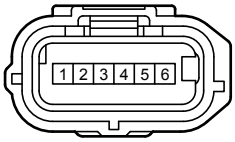
A 24
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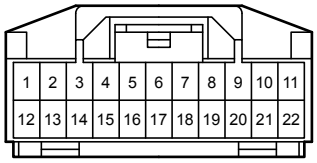
A 27
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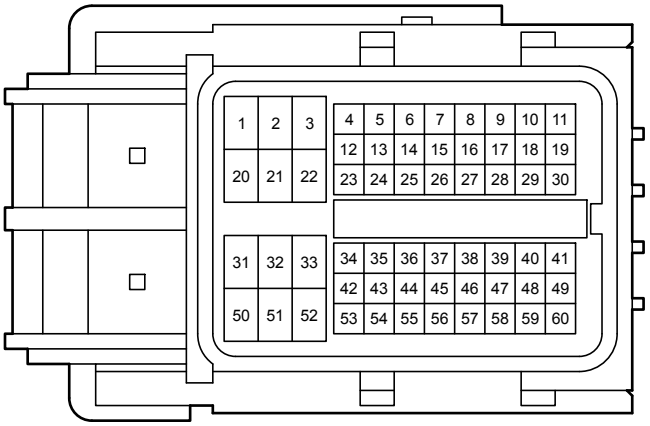
A 31
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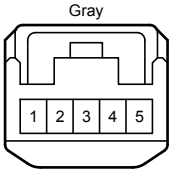
A 37
Blue



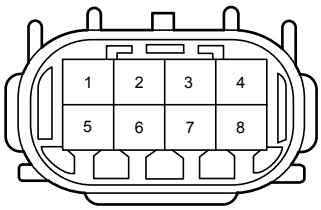
A 38
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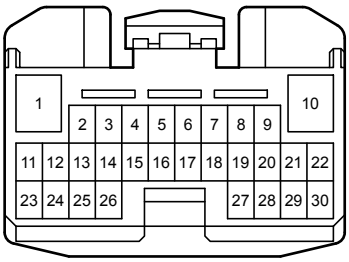
A 73
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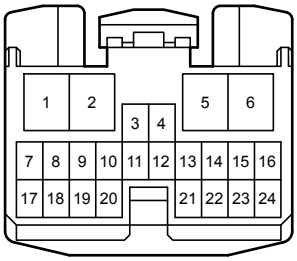
A 75
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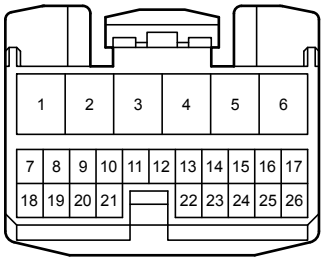
A 80
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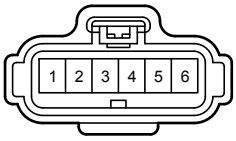
A 81
White



A 82
White



C 3
Black



C 18
Dark Gray



C 20
Dark Gray



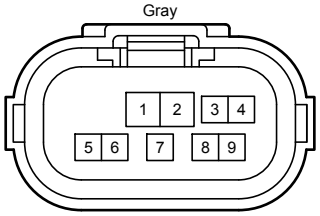
C 22
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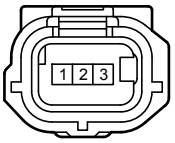
C 23
Dark Gray



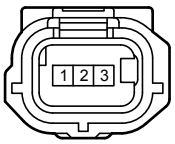
C 24
Gray



C 25
Black



C 26
Black



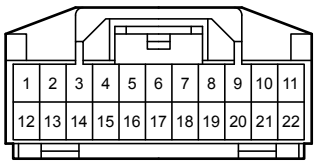
C 27
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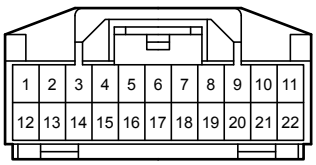
C 28
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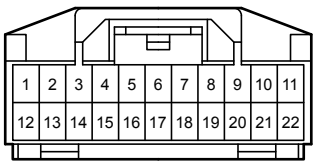
C 42
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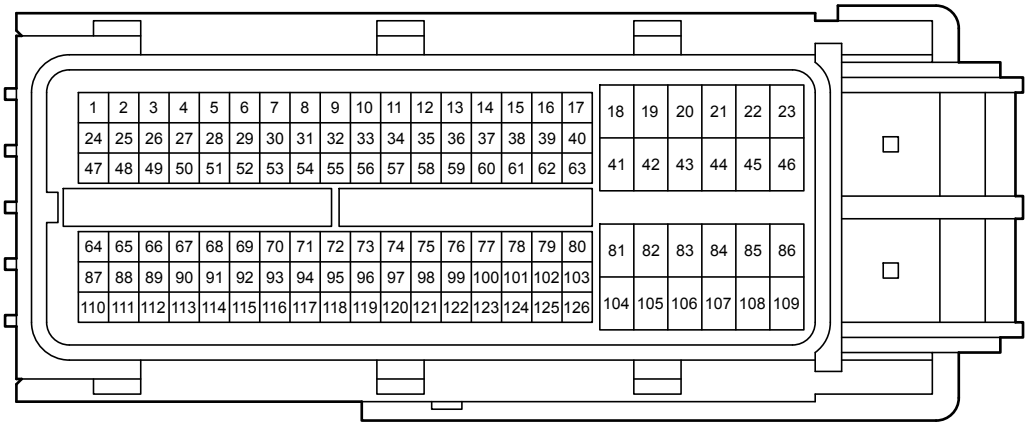
C 43
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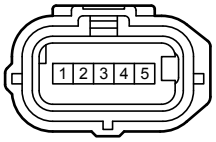
C 44
Blue



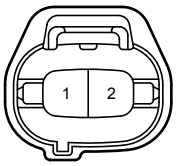
C 45
Black



C 50
Black



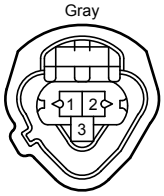
C 55
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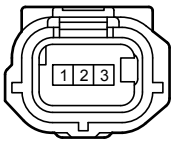
C 56
Dark Gray



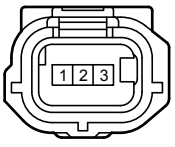
C 59
Gray



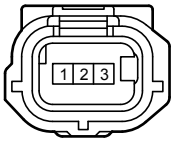
C 99
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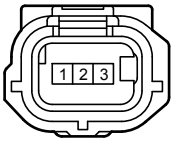
C114
Black



C121
Black



C122
Black



C125
Black



(Before Jun. 2020 Production)

C125
Gray



(From Jun. 2020 Production)

C126
Black



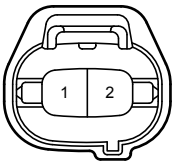
(Before Jun. 2020 Production)

C126
Gray

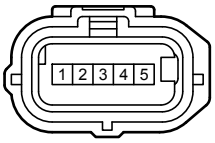


(From Jun. 2020 Production)

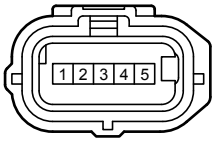
C129
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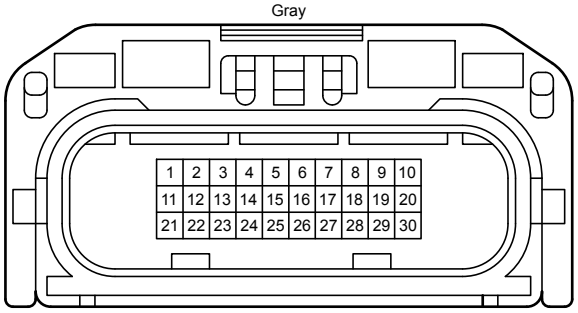
C137
Black



C138
Black



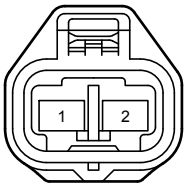
C171
Gray



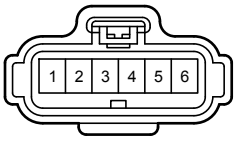
C172
Gray



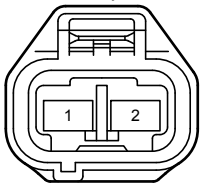
C173
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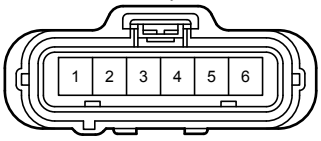
C174
Black



C175
Gray



C176
Gray



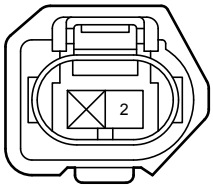
C177
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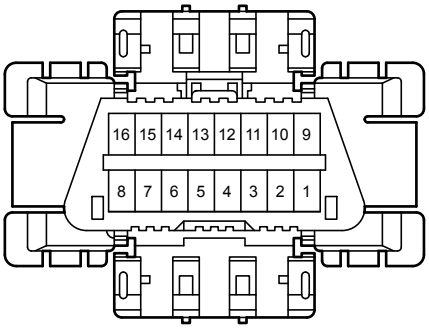
C178
Gray



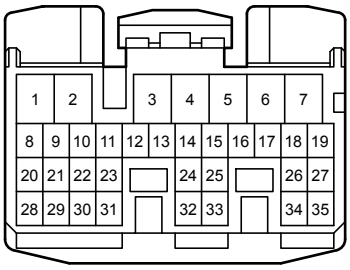
D 23
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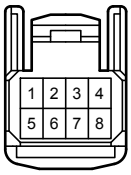
E 22
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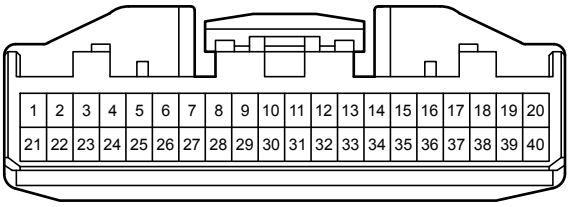
E 36
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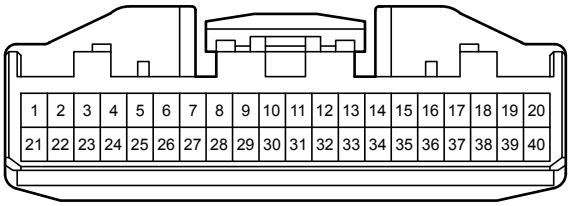
E 52
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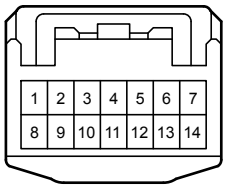
E 81
White



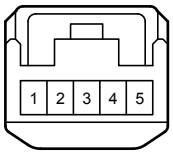
E119
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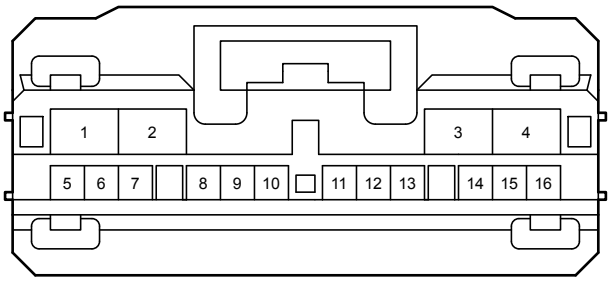
E122
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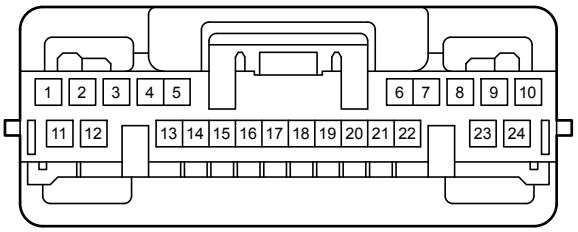
E124
White



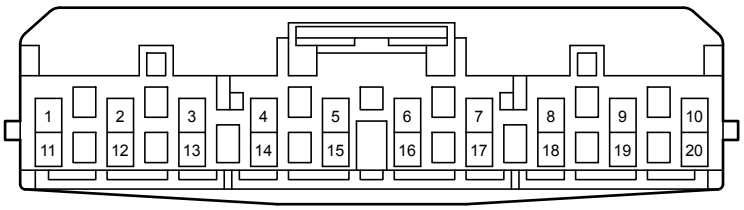
E128
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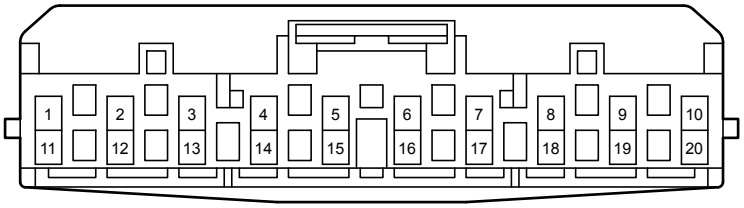
E130
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E133
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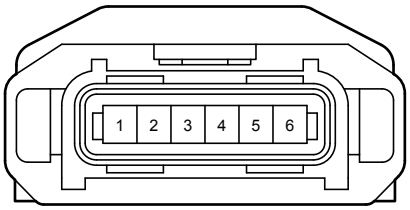
E135
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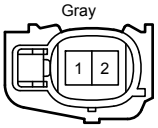
N 1
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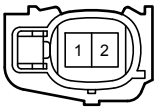
N 14
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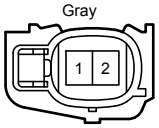
U 3
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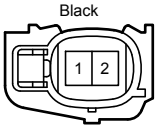
U 4
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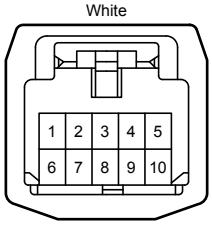
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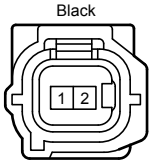
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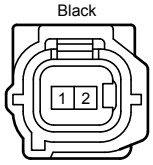
V 9
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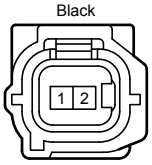
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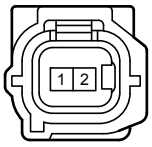
a 2
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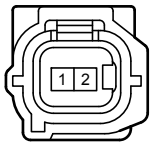
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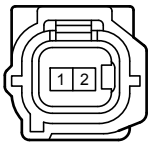
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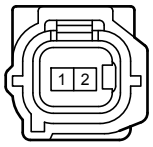
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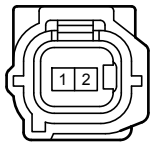
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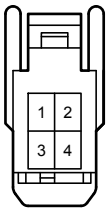
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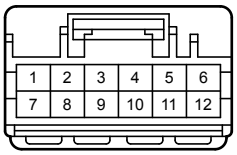
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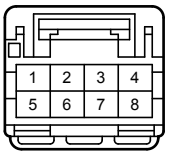
z 37
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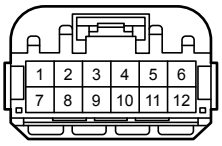
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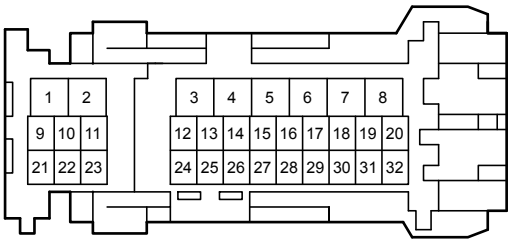
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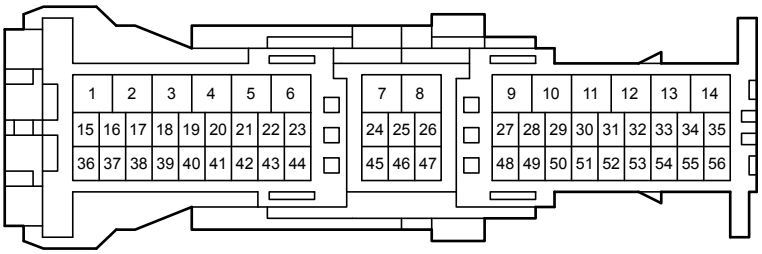
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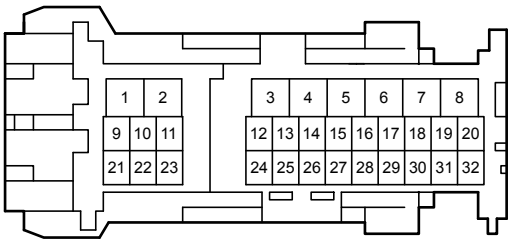
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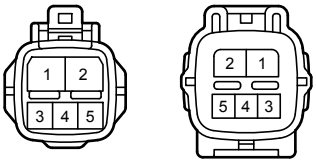
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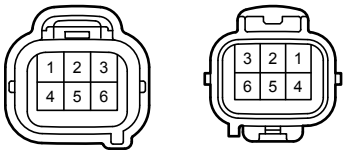
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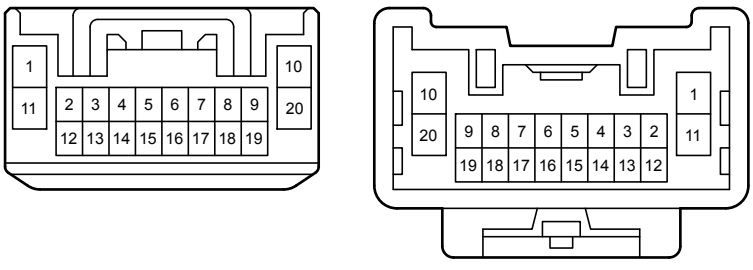
AA1
Gray



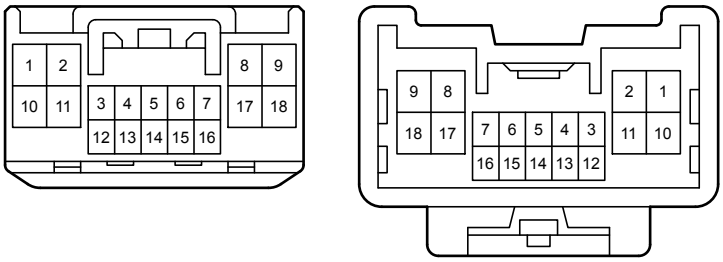
AD1
Black



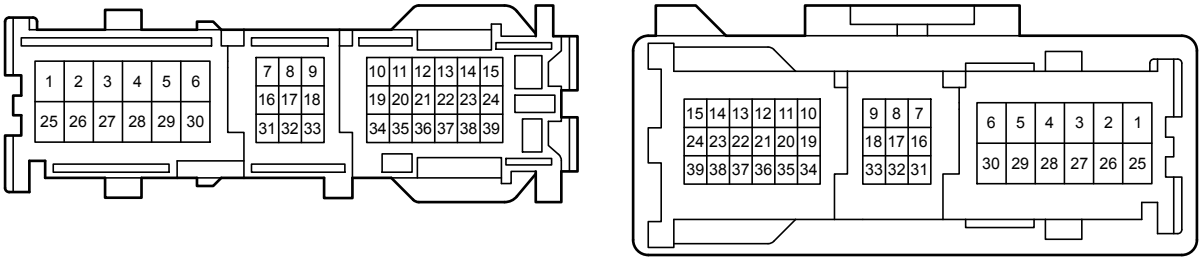
AK1
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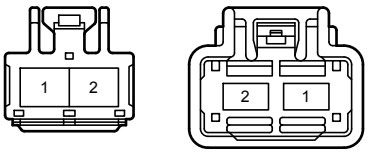
AK2
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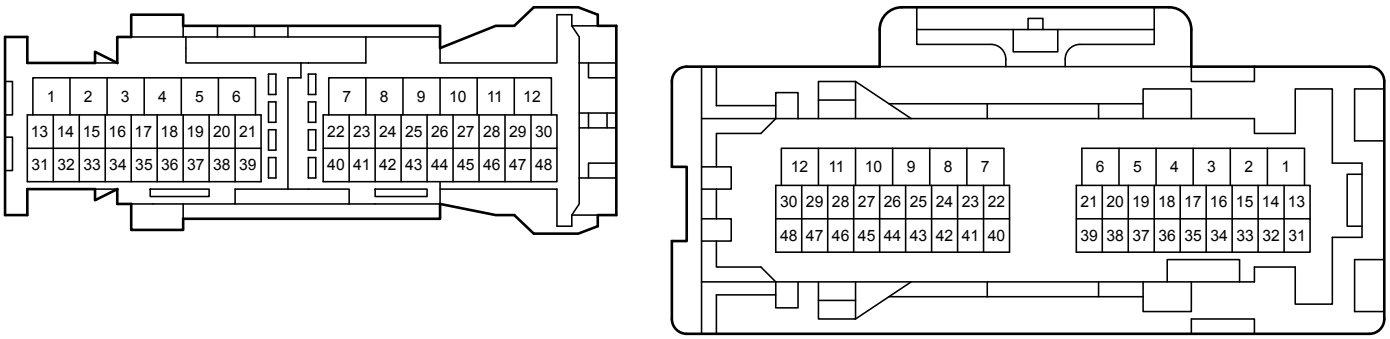
CA3
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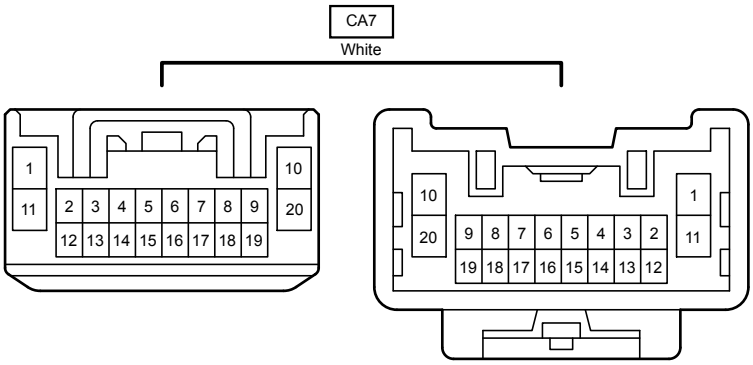


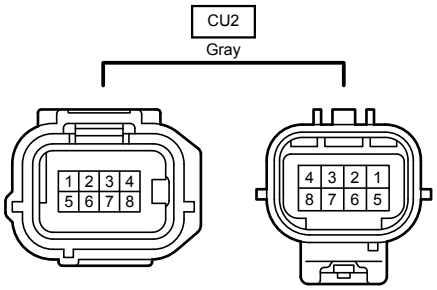
CA5
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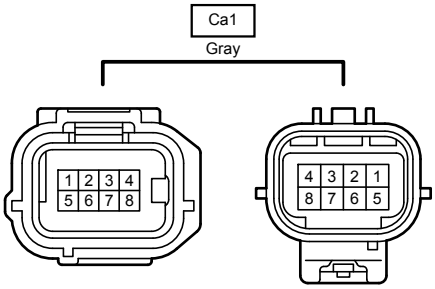


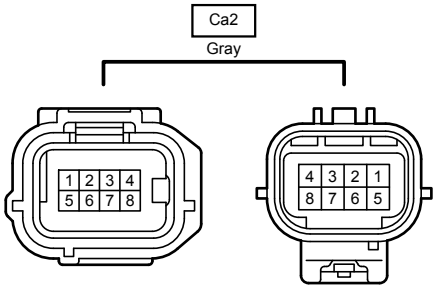
CA6
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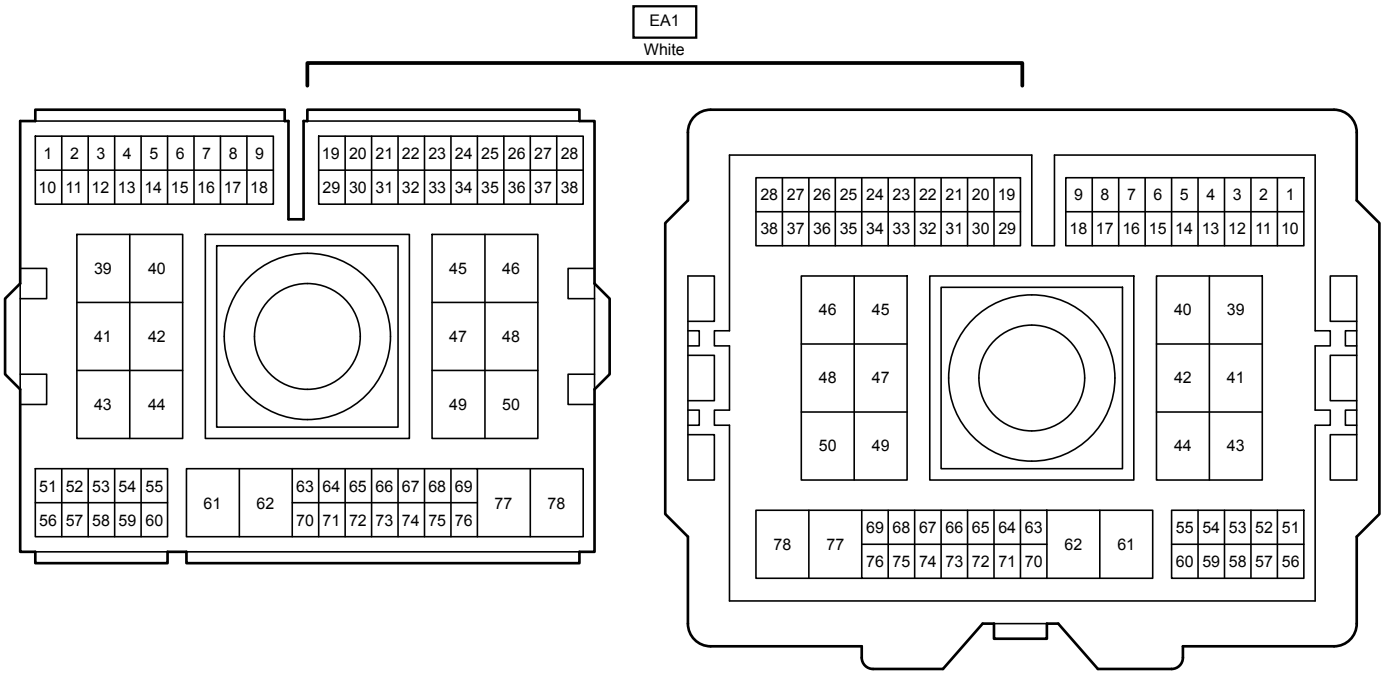


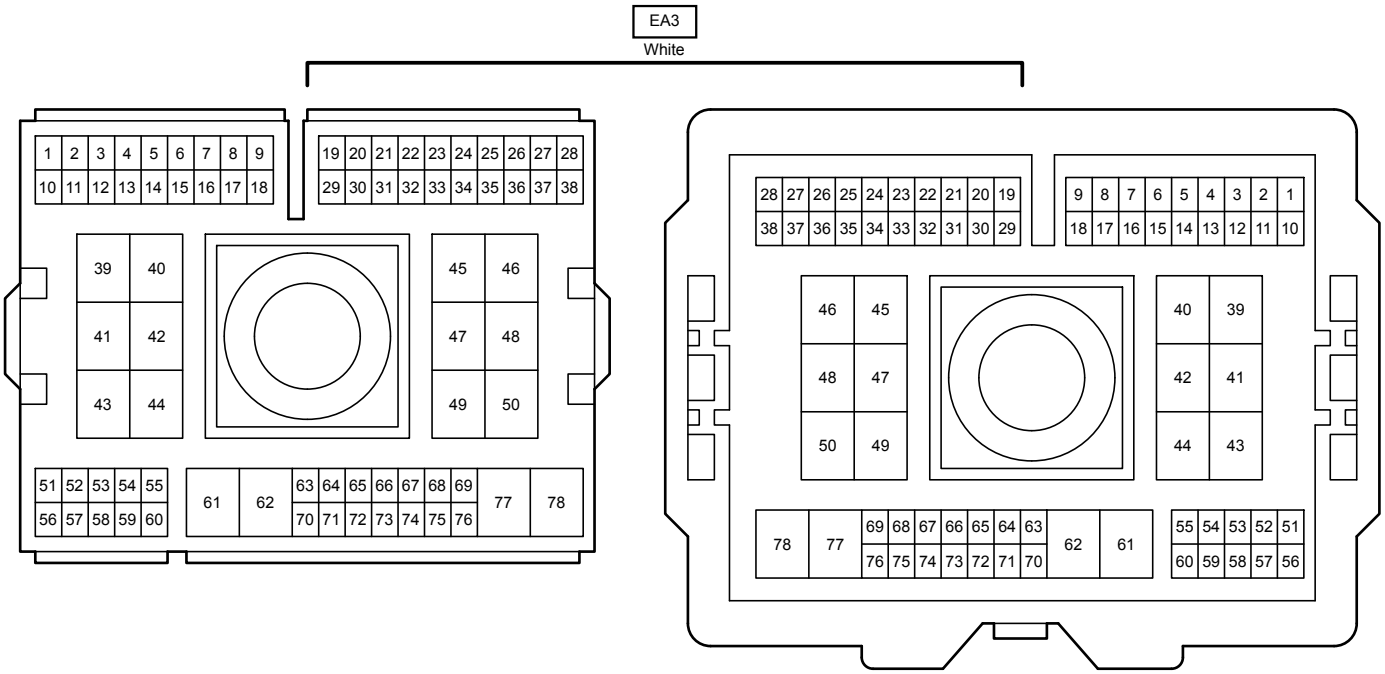

CA7
White
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10
20
10
20
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19 18 17 16 15 14 13 12
1
11

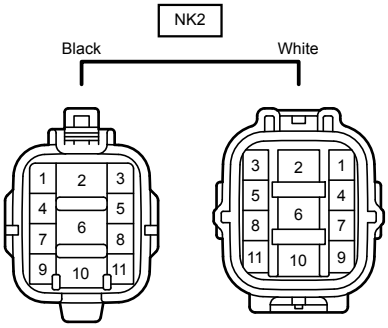

CU2
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4 3 2 1
8 7 6 5

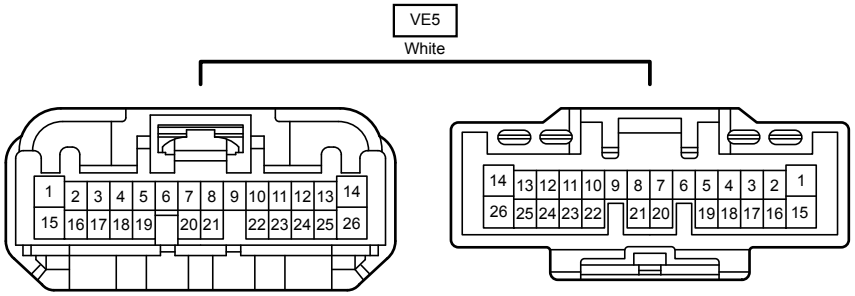

Ca1
Gray
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5 6 7 8
4 3 2 1
8 7 6 5


Ca2
Gray
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5 6 7 8
4 3 2 1
8 7 6 5


EA1
White
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39 40
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18 17 16 15 14 13 12 11 10
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76 75 74 73 72 71 70
62
61
55 54 53 52 51
60 59 58 57 56


EA3
White
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NK2
Black
White
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6
7 8
9 10 11
3 2 1
5 4
6
8 7
11 10 9


VE5
White
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15 16 17 18 19 20 21 22 23 24 25 26
14 13 12 11 10 9 8 7 6 5 4 3 2 1
26 25 24 23 22 21 20 19 18 17 16 15