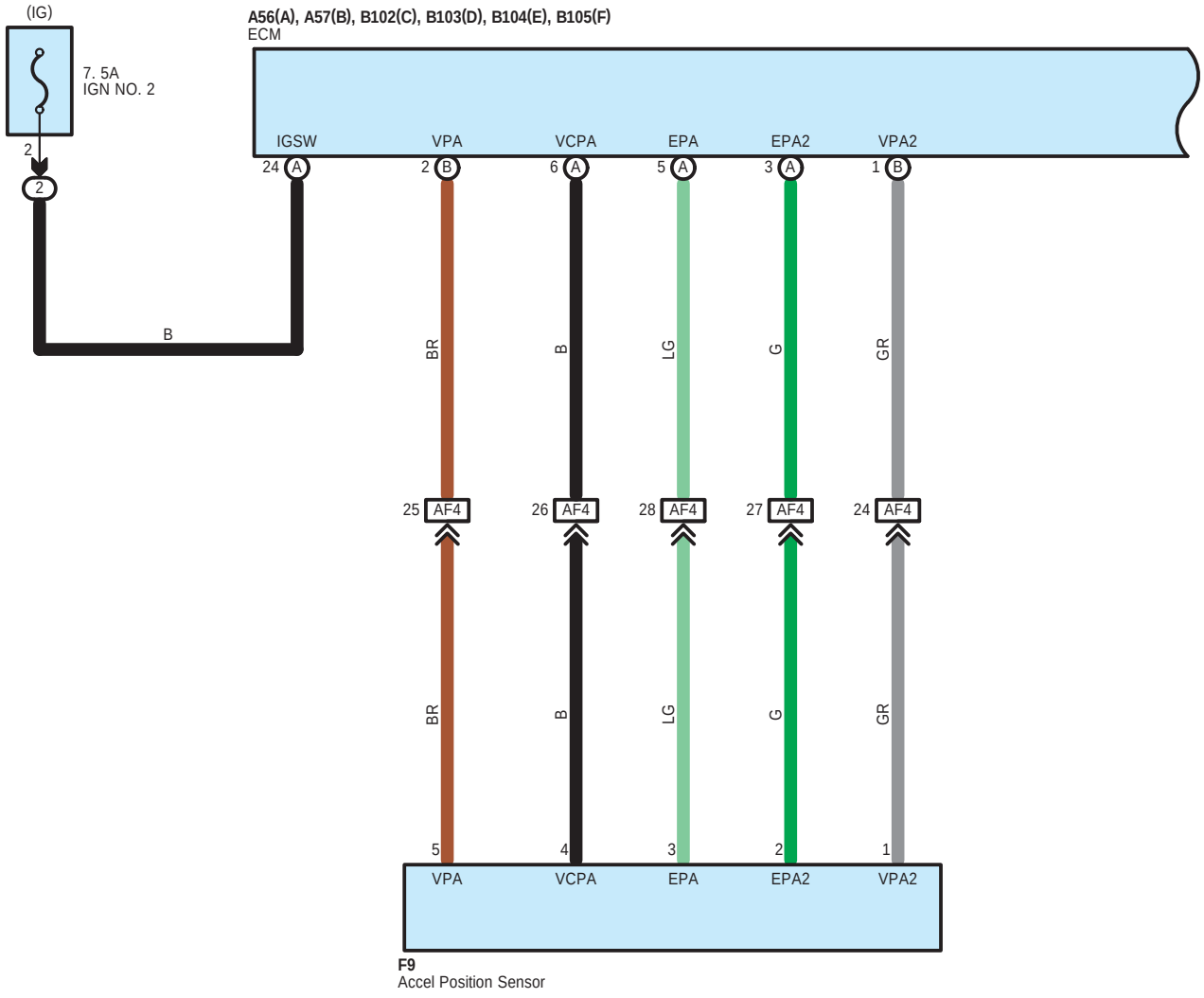
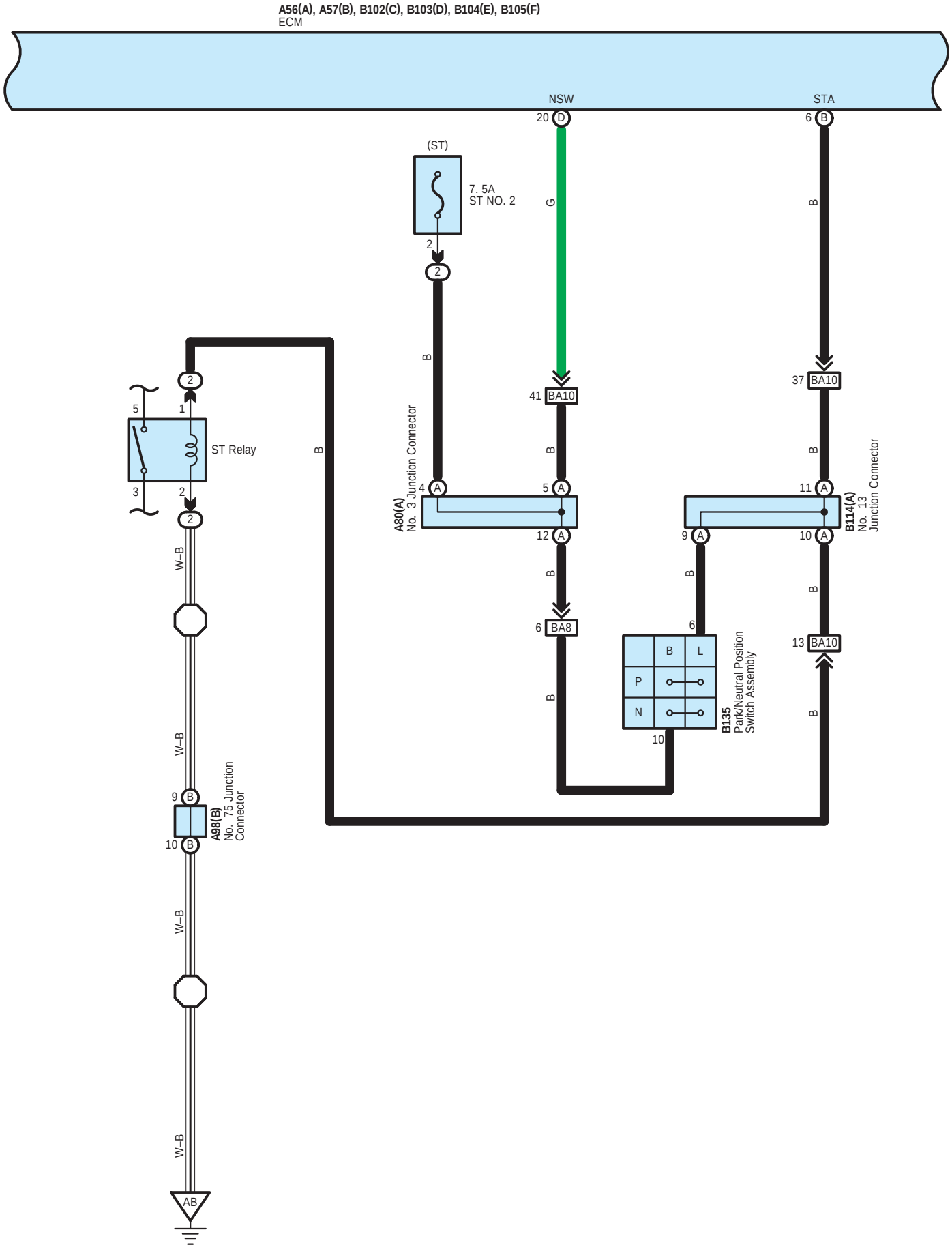
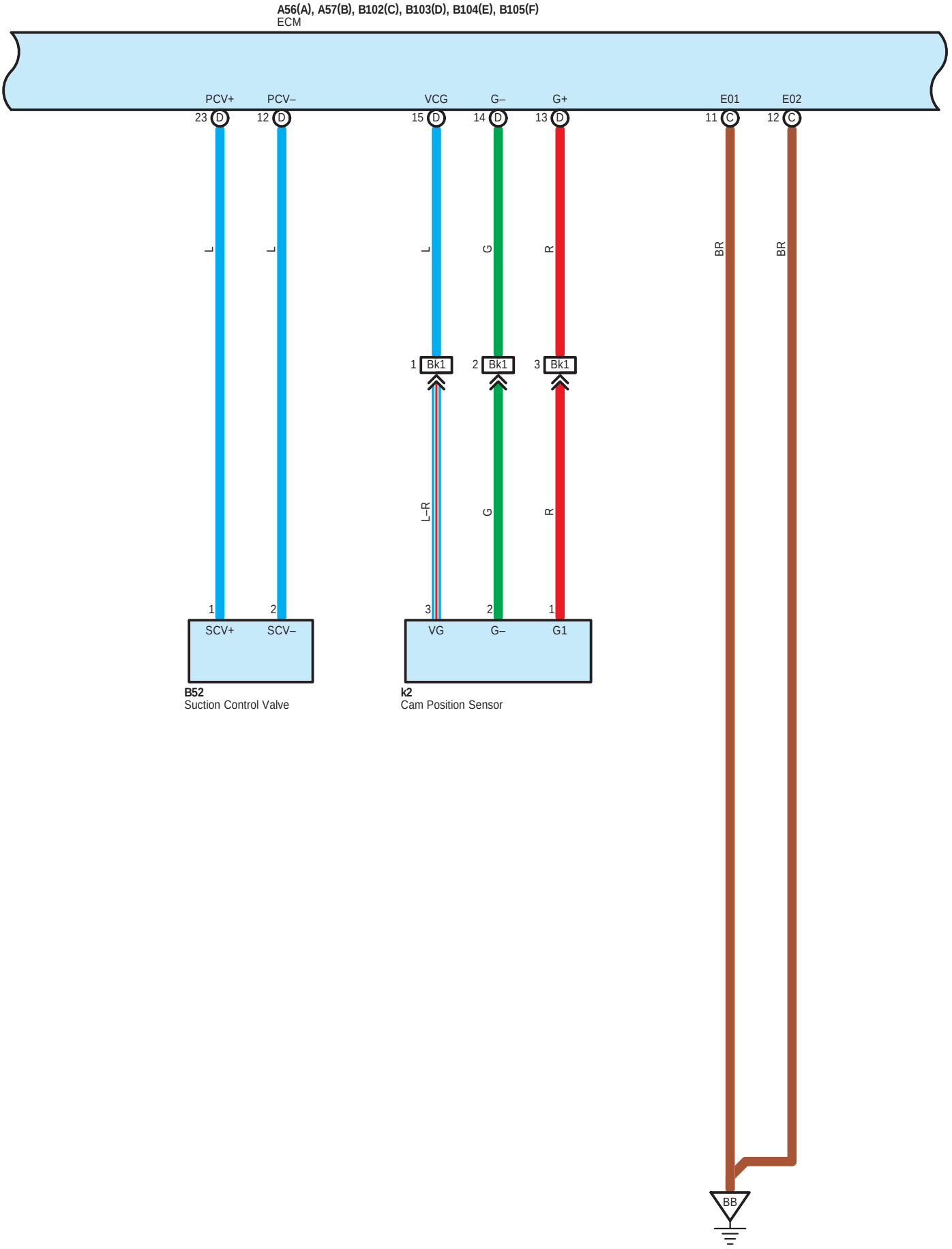
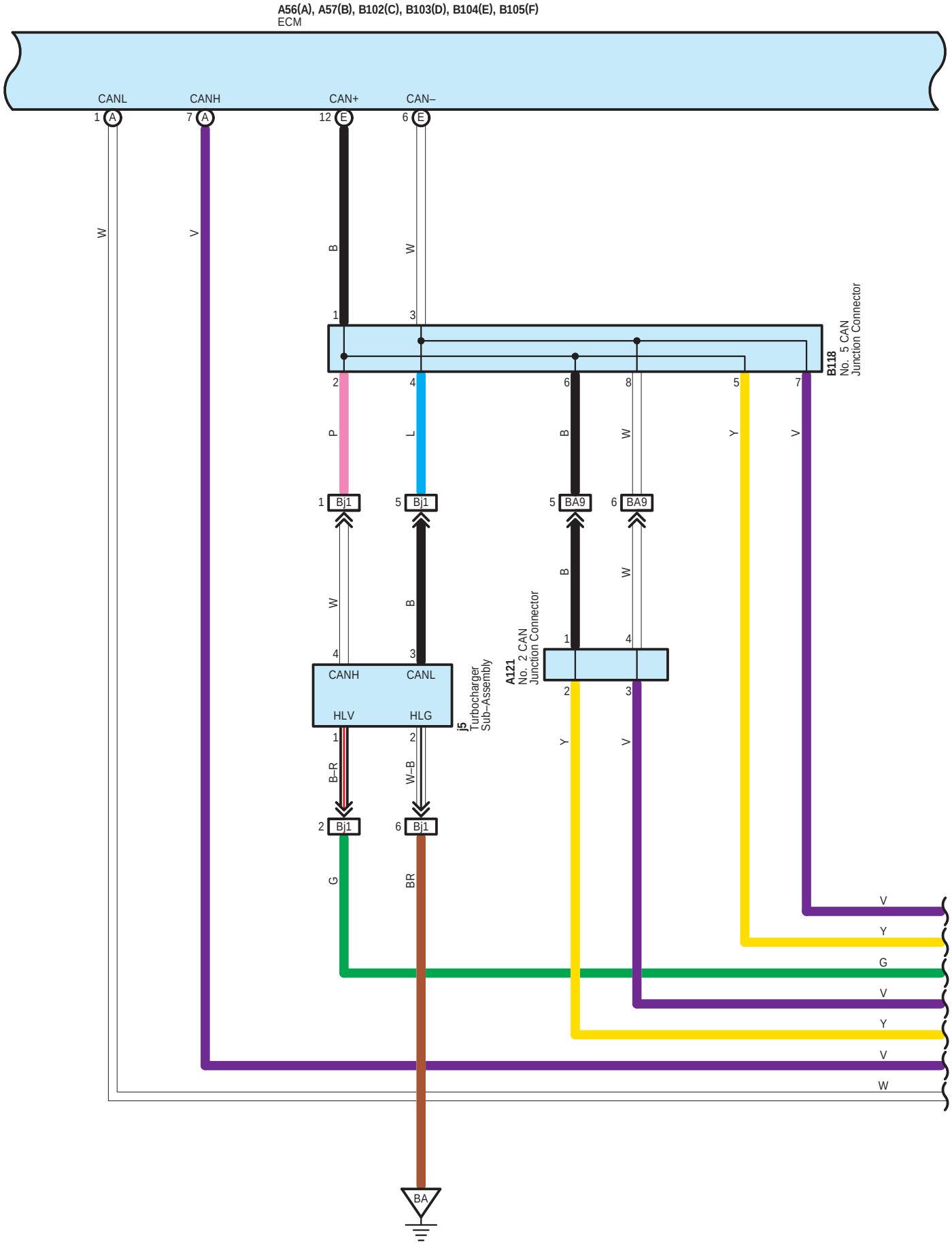
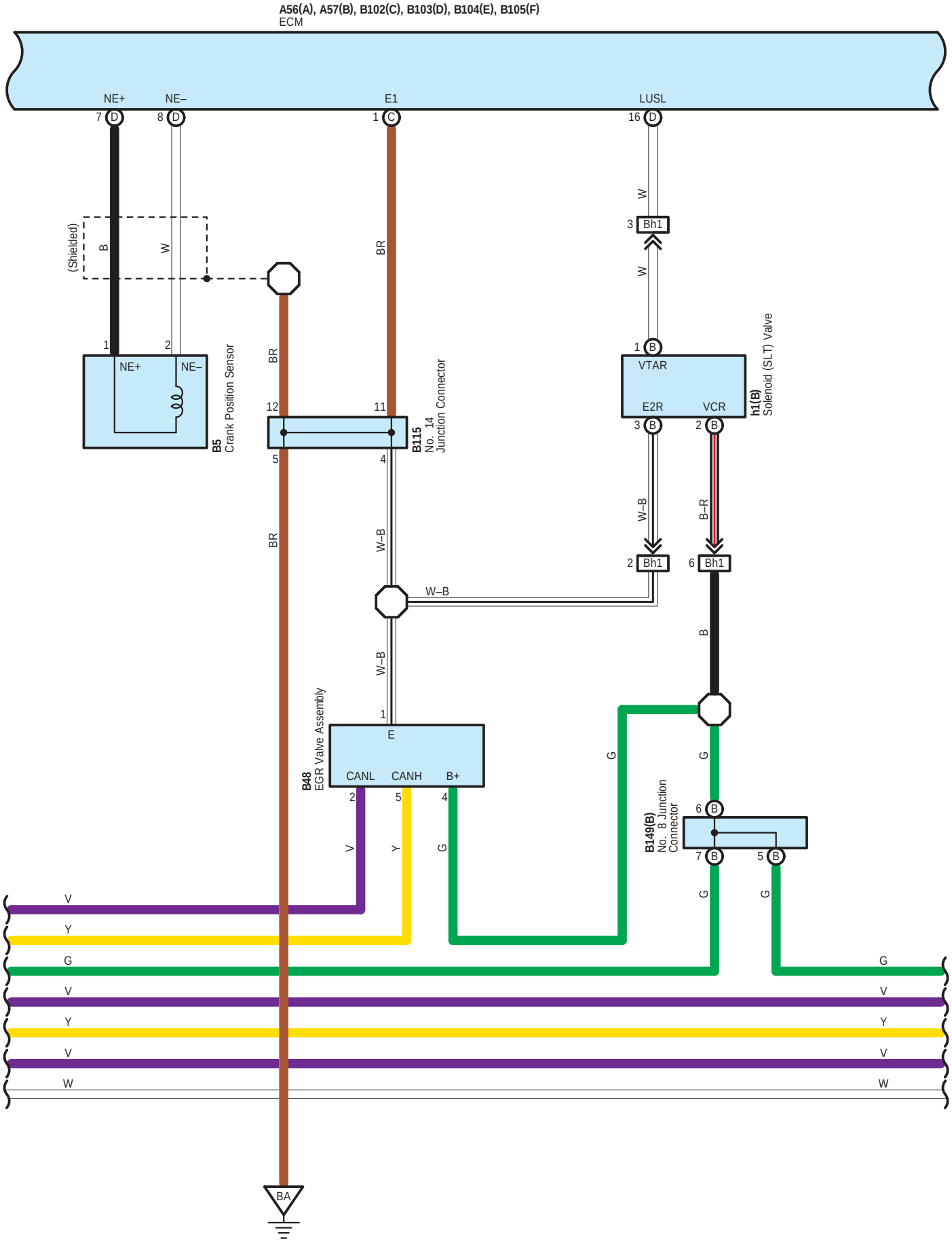
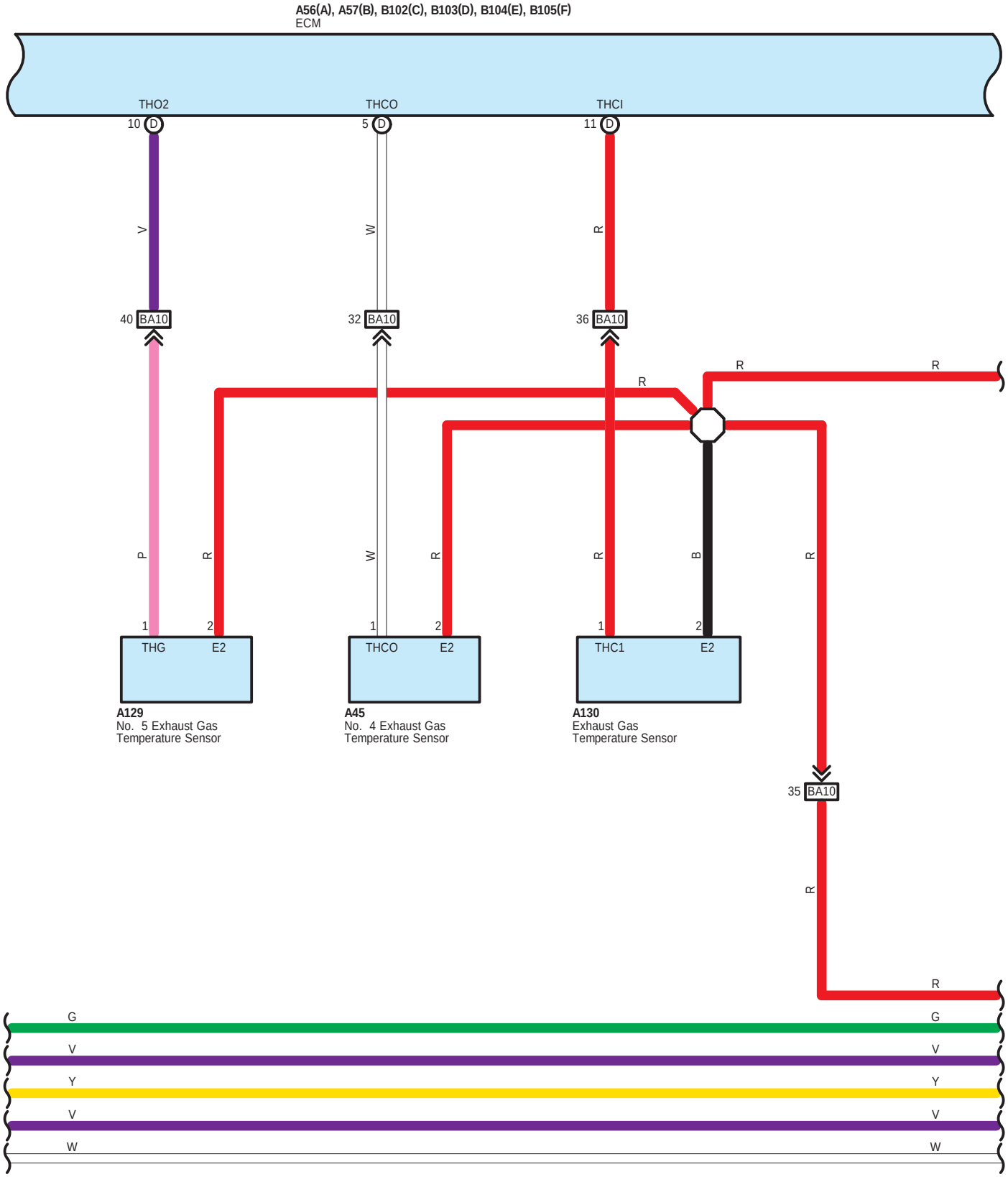

(IG)
7. 5A
IGN NO. 2
2
2
B
A56(A), A57(B), B102(C), B103(D), B104(E), B105(F)
ECM
IGSW
VPA
VCPA
EPA
EPA2
VPA2
24 A
2 B
6 A
5 A
3 A
1 B
BR
B
LG
G
GR
25 AF4
26 AF4
28 AF4
27 AF4
24 AF4
BR
B
LG
G
GR
5
4
3
2
1
VPA
VCPA
EPA
EPA2
VPA2
F9
Accel Position Sensor

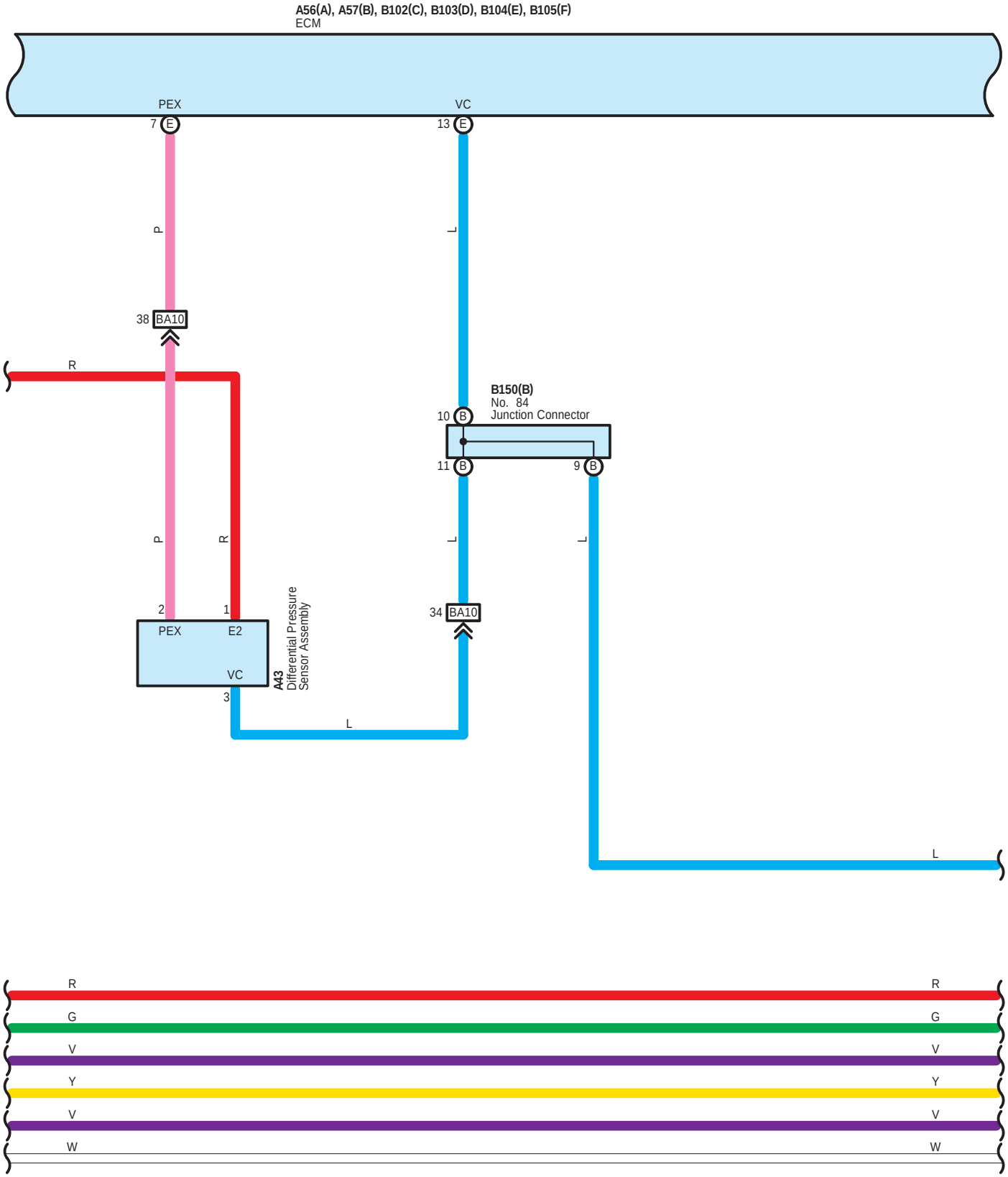

A56(A), A57(B), B102(C), B103(D), B104(E), B105(F)
ECM
NSW
STA
20 D
6 B
(ST)
7. 5A
ST NO. 2
G
B
2
2
41 BA10
37 BA10
5
1
ST Relay
3
2
2
B
A80(A)
No. 3 Junction Connector
4 A
5 A
12 A
6 BA8
11 A
9 A
10 A
B114(A)
No. 13
Junction Connector
6
13 BA10
B L
P
N
10
B135
Park/Neutral Position
Switch Assembly
W–B
9 B
10 B
A98(B)
No. 75 Junction
Connector
AB

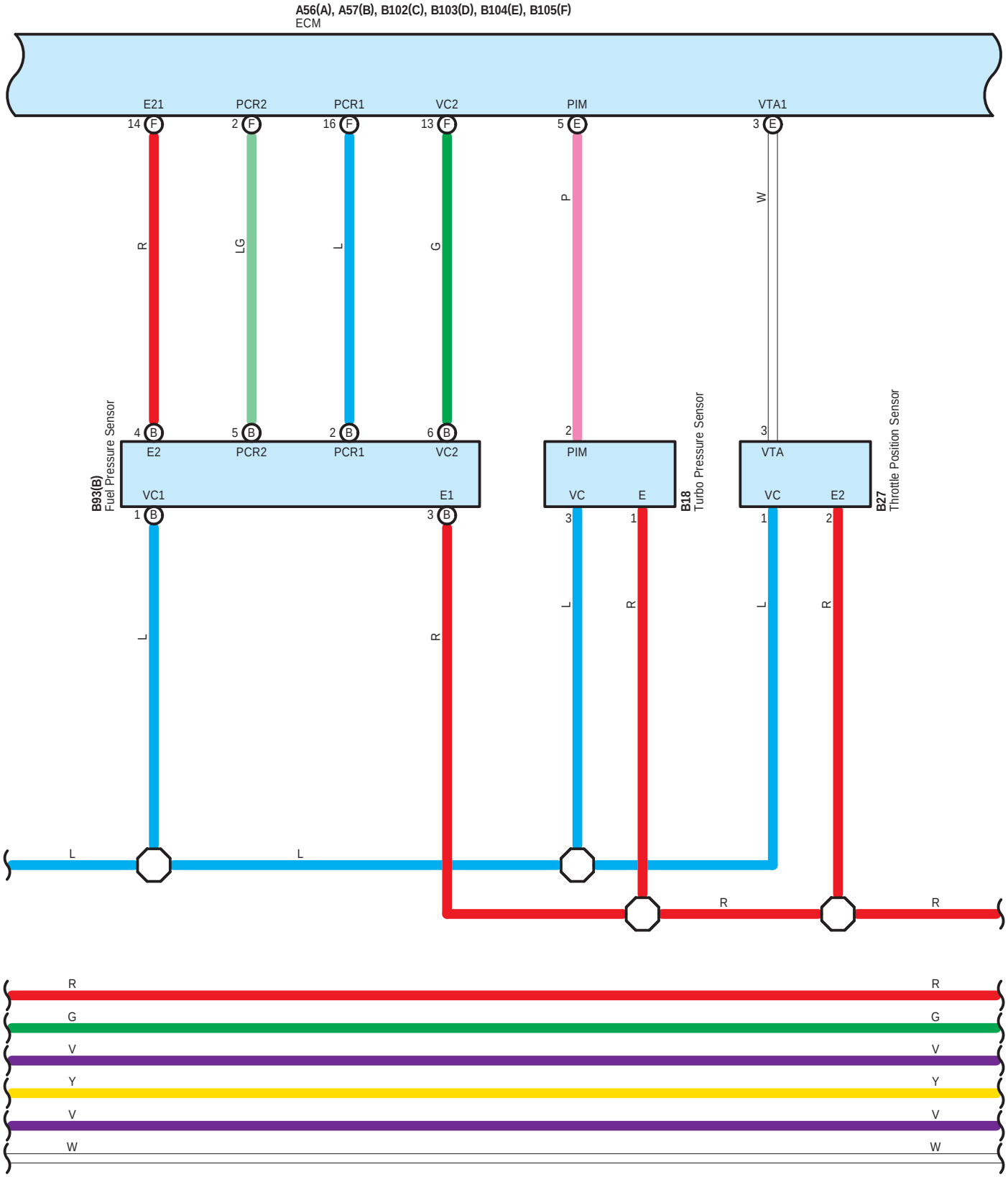

A56(A), A57(B), B102(C), B103(D), B104(E), B105(F)
ECM
PCV+
PCV–
VCG
G–
G+
E01
E02
23 D
12 D
15 D
14 D
13 D
11 C
12 C
L
L
L
G
R
BR
BR
1 Bk1
2 Bk1
3 Bk1
L–R
G
R
1
2
3
2
1
SCV+
SCV–
VG
G–
G1
B52
Suction Control Valve
k2
Cam Position Sensor
BB

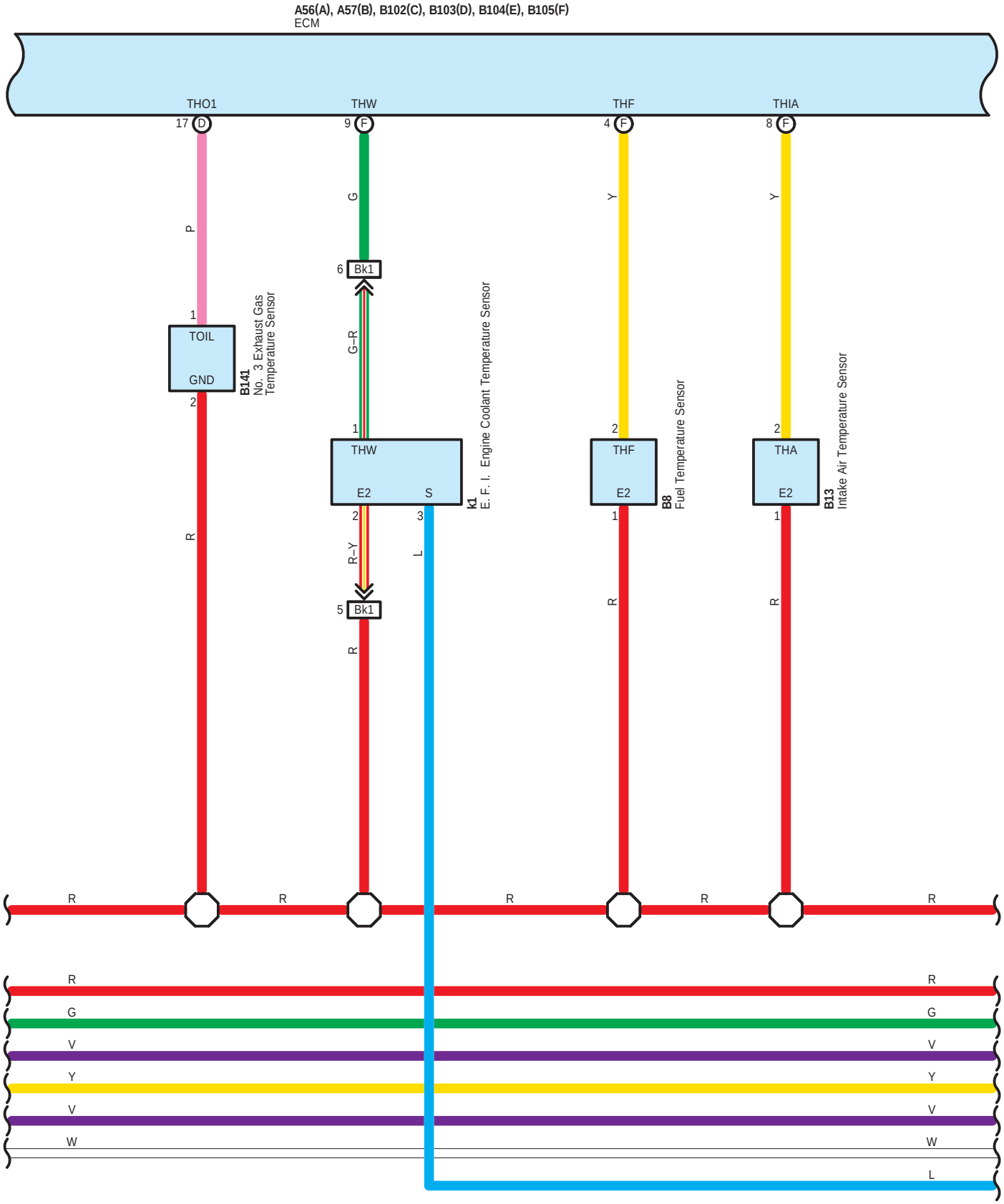

A56(A), A57(B), B102(C), B103(D), B104(E), B105(F)
ECM
CANL
CANH
CAN+
CAN–
1 A
7 A
12 E
6 E
W
V
B
W
1
3
2
4
6
8
5
7
B118
No. 5 CAN
Junction Connector
P
L
B
W
Y
V
1 Bj1
5 Bj1
5 BA9
6 BA9
W
B
B
W
4
3
1
4
CANH
CANL
HLV
HLG
j5
Turbocharger
Sub–Assembly
A121
No. 2 CAN
Junction Connector
2
3
Y
V
1
2
B–R
W–B
2 Bj1
6 Bj1
G
BR
V
Y
G
V
Y
V
W
BA

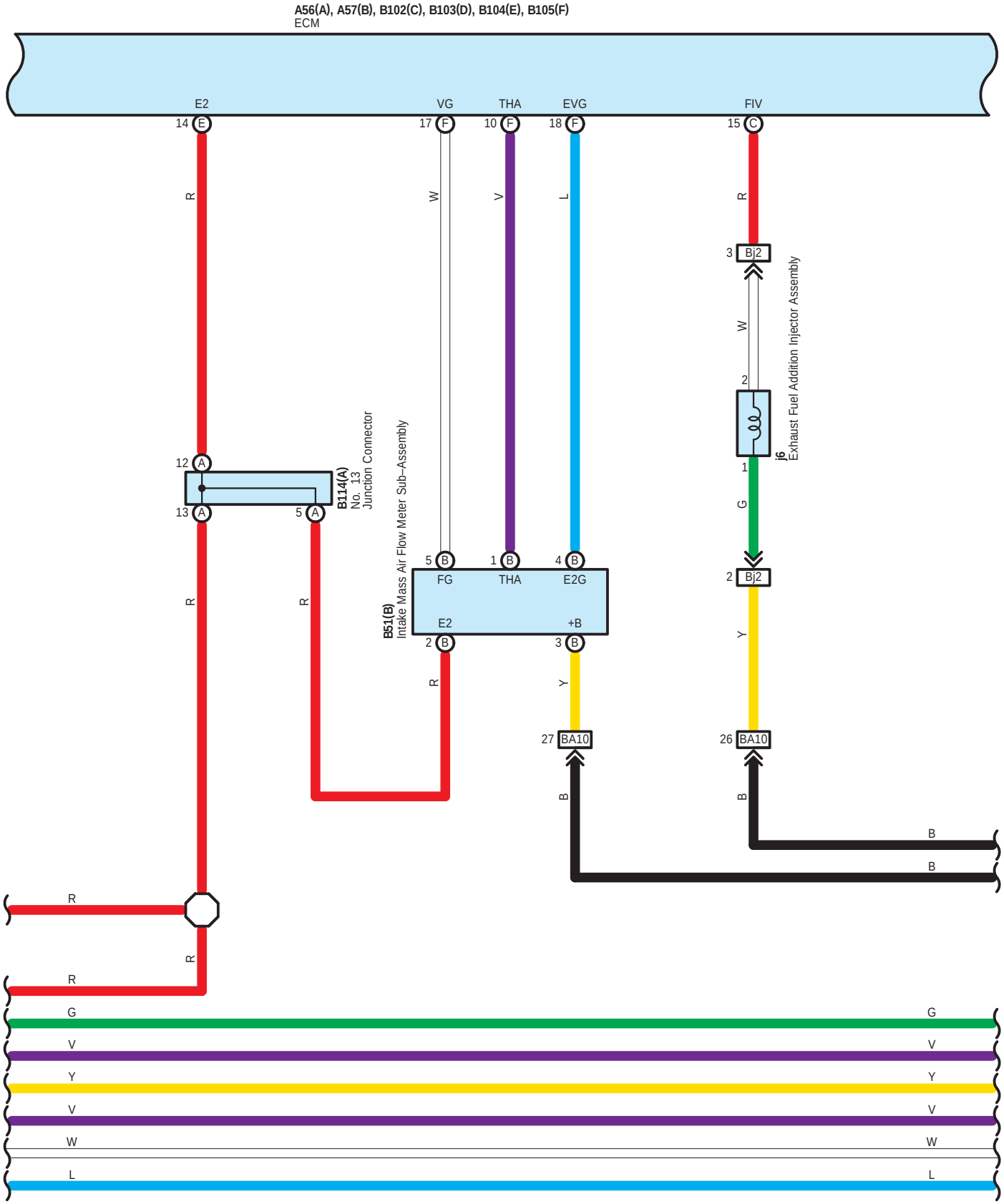

A56(A), A57(B), B102(C), B103(D), B104(E), B105(F)
ECM
NE+
NE–
E1
LUSL
7 D
8 D
1 C
16 D
(Shielded)
B
W
BR
W
3 Bh1
W
1
2
NE+
NE–
B5
Crank Position Sensor
BR
12
11
B115
No. 14
Junction Connector
1 B
VTAR
E2R
VCR
h1(B)
Solenoid (SLT) Valve
3 B
2 B
5
4
BR
W–B
B–R
2 Bh1
6 Bh1
W–B
B
W–B
1
E
CANL
CANH
B+
B48
EGR Valve Assembly
2
5
4
G
G
6 B
B149(B)
No. 8 Junction
Connector
7 B
5 B
V
Y
G
G
V
Y
G
V
Y
V
W
BA

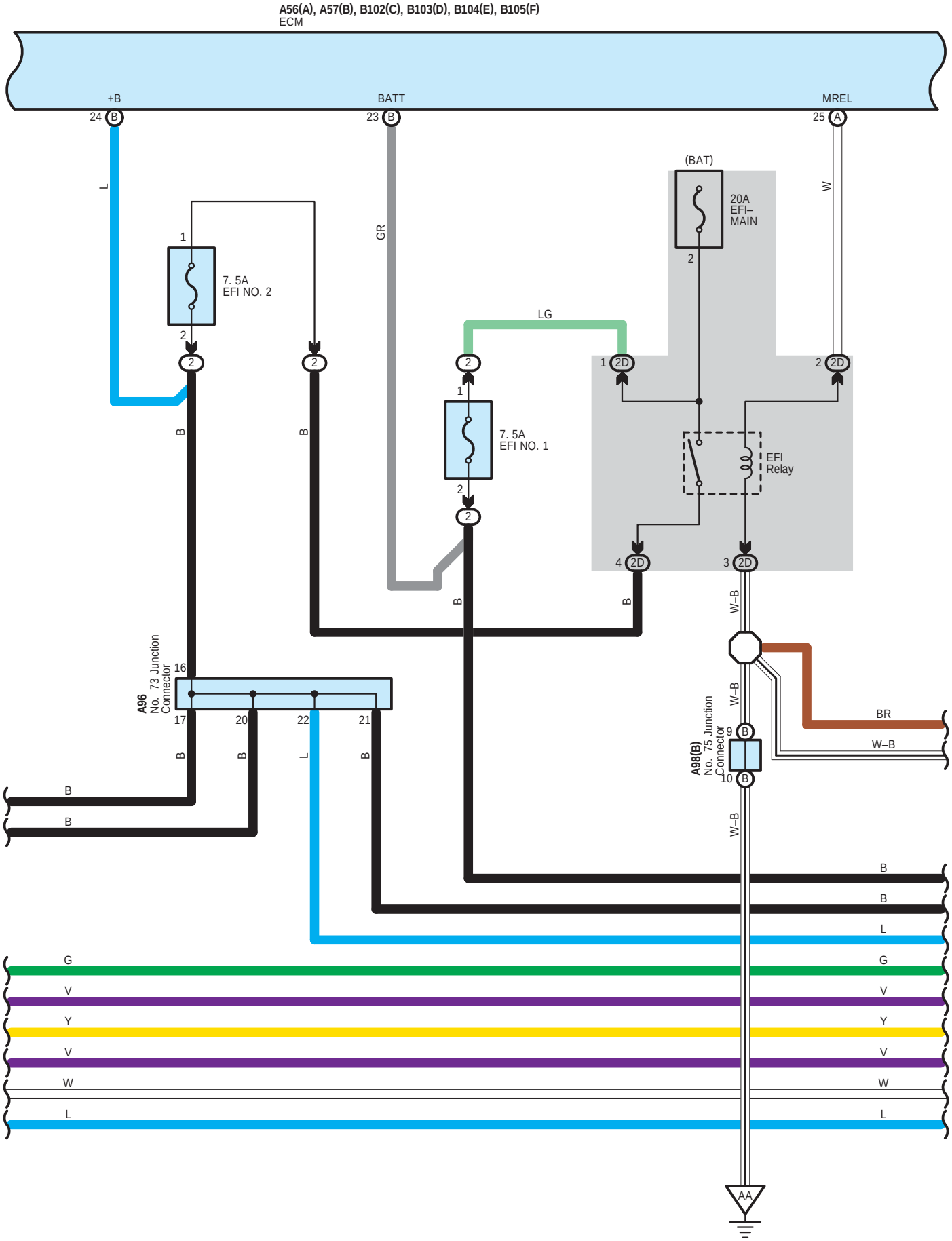

A56(A), A57(B), B102(C), B103(D), B104(E), B105(F)
ECM
THO2
THCO
THCI
10 D
5 D
11 D
V
W
R
40 BA10
32 BA10
36 BA10
R
R
R
P
R
W
R
R
B
R
1
2
1
2
1
2
THG
E2
THCO
E2
THC1
E2
A129
No. 5 Exhaust Gas Temperature Sensor
A45
No. 4 Exhaust Gas Temperature Sensor
A130
Exhaust Gas Temperature Sensor
35 BA10
R
G
V
Y
V
W
G
V
Y
V
W


A56(A), A57(B), B102(C), B103(D), B104(E), B105(F)
ECM
PEX
7 E
VC
13 E
P
L
38 BA10
R
B150(B)
No. 84
Junction Connector
10 B
11 B
9 B
P
R
L
L
2
1
34 BA10
PEX
E2
VC
3
A43
Differential Pressure
Sensor Assembly
L
L
R
G
V
Y
V
W
R
G
V
Y
V
W

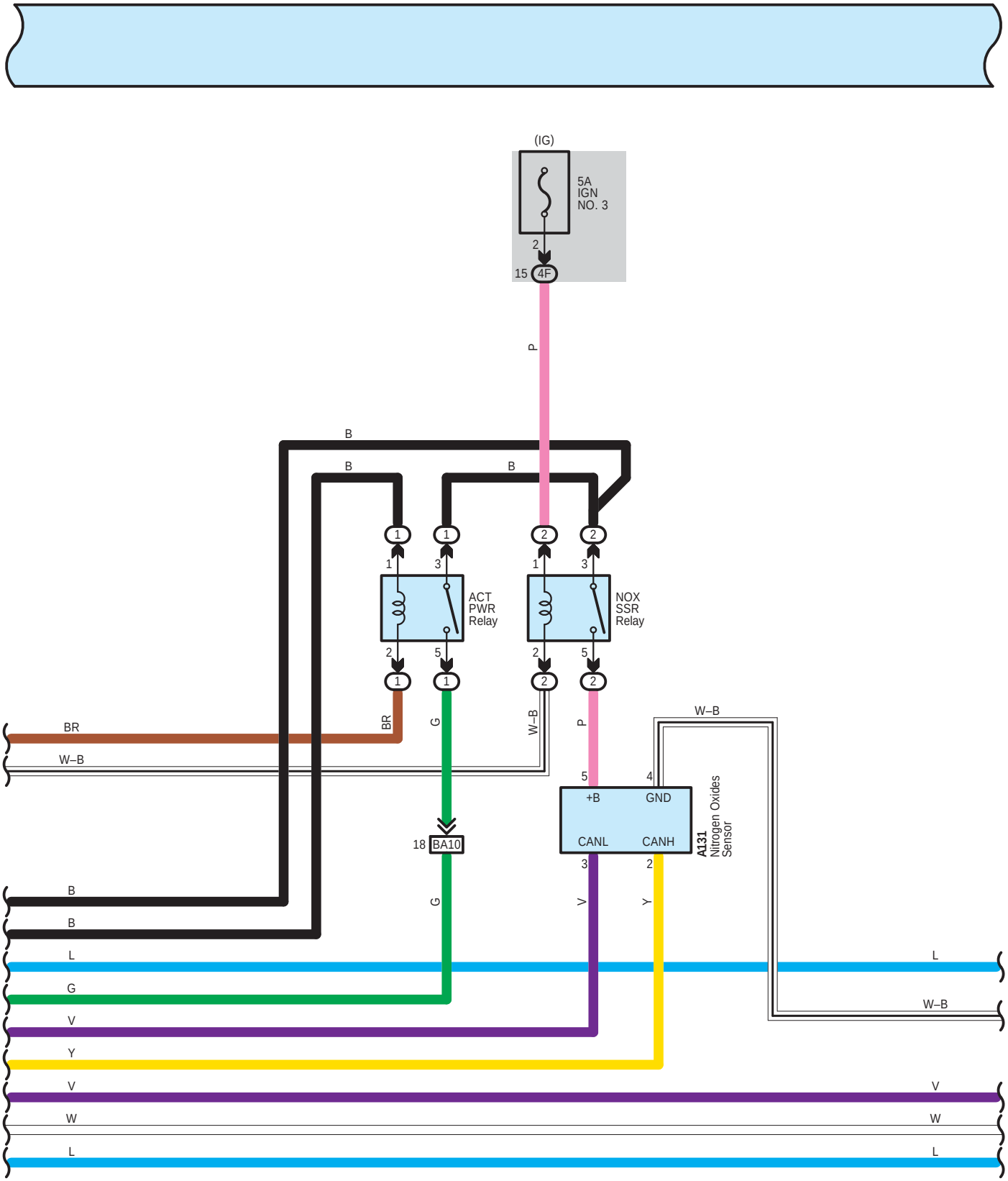

A56(A), A57(B), B102(C), B103(D), B104(E), B105(F)
ECM
E21
PCR2
PCR1
VC2
PIM
VTA1
14 F
2 F
16 F
13 F
5 E
3 E
R
LG
L
G
P
W
4 B
5 B
2 B
6 B
2
3
B93(B)
Fuel Pressure Sensor
E2
PCR2
PCR1
VC2
PIM
VTA
B18
Turbo Pressure Sensor
B27
Throttle Position Sensor
VC1
E1
VC
E
VC
E2
1 B
3 B
3
1
1
2
L
R
L
R
L
L
R
R
R
R
G
V
Y
V
W
G
V
Y
V
W

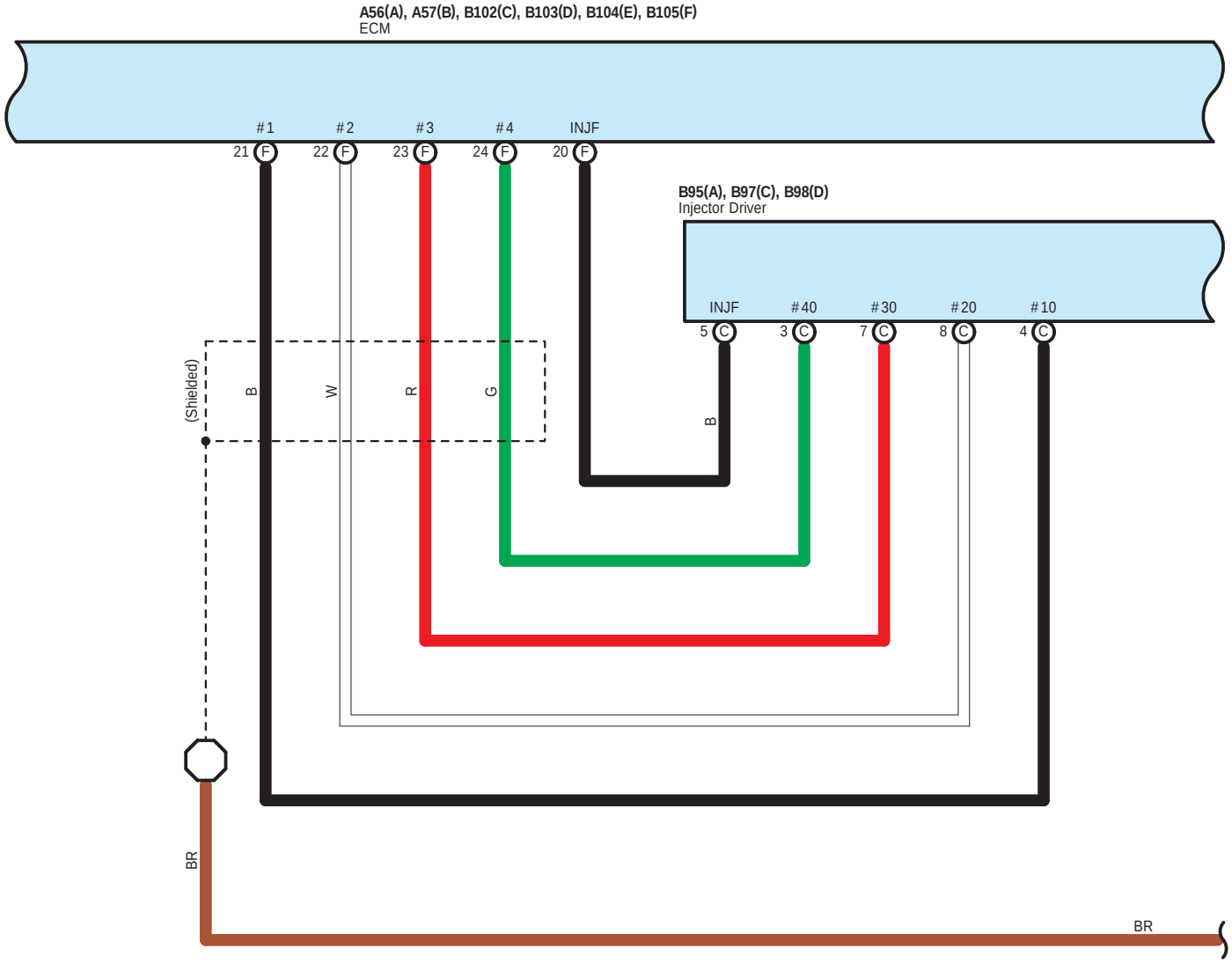

A56(A), A57(B), B102(C), B103(D), B104(E), B105(F)
ECM
THO1
17 D
THW
9 F
THF
4 F
THIA
8 F
P
G
Y
Y
6 Bk1
1
TOIL
GND
2
B141
No. 3 Exhaust Gas Temperature Sensor
G–R
1
THW
E2
S
2
3
K1
E. F. I. Engine Coolant Temperature Sensor
R–Y
L
5 Bk1
R
R
2
THF
E2
1
B8
Fuel Temperature Sensor
R
2
THA
E2
1
B13
Intake Air Temperature Sensor
R
R
R
R
R
R
R
G
V
Y
V
W
R
G
V
Y
V
W
L


A56(A), A57(B), B102(C), B103(D), B104(E), B105(F)
ECM
E2
VG
THA
EVG
FIV
14 E
17 F
10 F
18 F
15 C
R
W
V
L
R
3 Bj2
W
2
1
G
2 Bj2
Y
26 BA10
B
B
j6
Exhaust Fuel Addition Injector Assembly
12 A
13 A
5 A
B114(A)
No. 13
Junction Connector
B51(B)
Intake Mass Air Flow Meter Sub–Assembly
5 B
1 B
4 B
FG
THA
E2G
E2
+B
2 B
3 B
R
Y
27 BA10
B
R
R
R
R
G
V
Y
V
W
L
G
V
Y
V
W
L

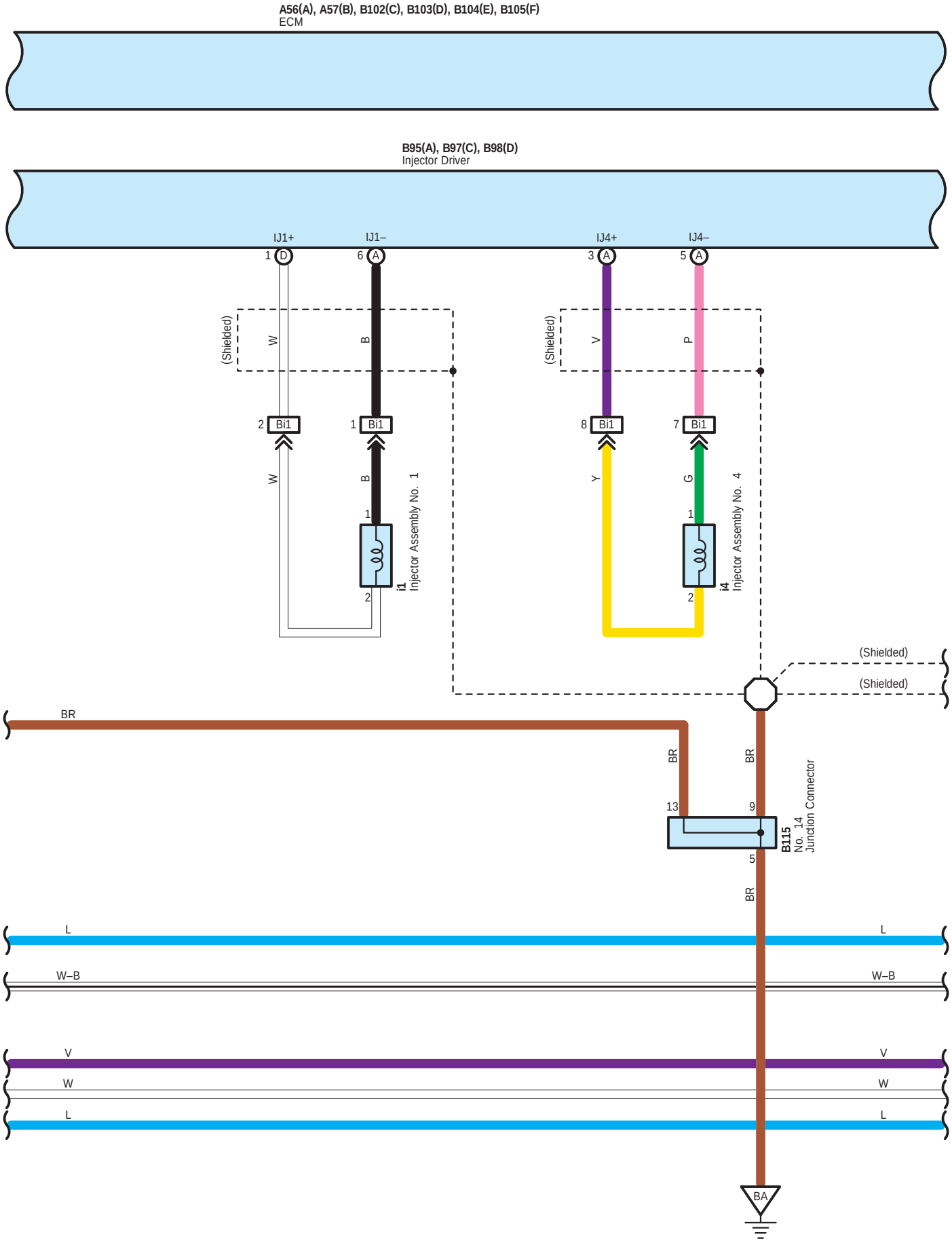

A56(A), A57(B), B102(C), B103(D), B104(E), B105(F)
ECM
+B
BATT
MREL
24 B
23 B
25 A
L
GR
W
(BAT)
20A
EFI–
MAIN
1
2
7. 5A
EFI NO. 2
LG
1 2D
2 2D
7. 5A
EFI NO. 1
EFI
Relay
4 2D
3 2D
B
W–B
A96
No. 73 Junction
Connector
16
17
20
22
21
A98(B)
No. 75 Junction
Connector
9 B
10 B
BR
G
V
Y
W
AA

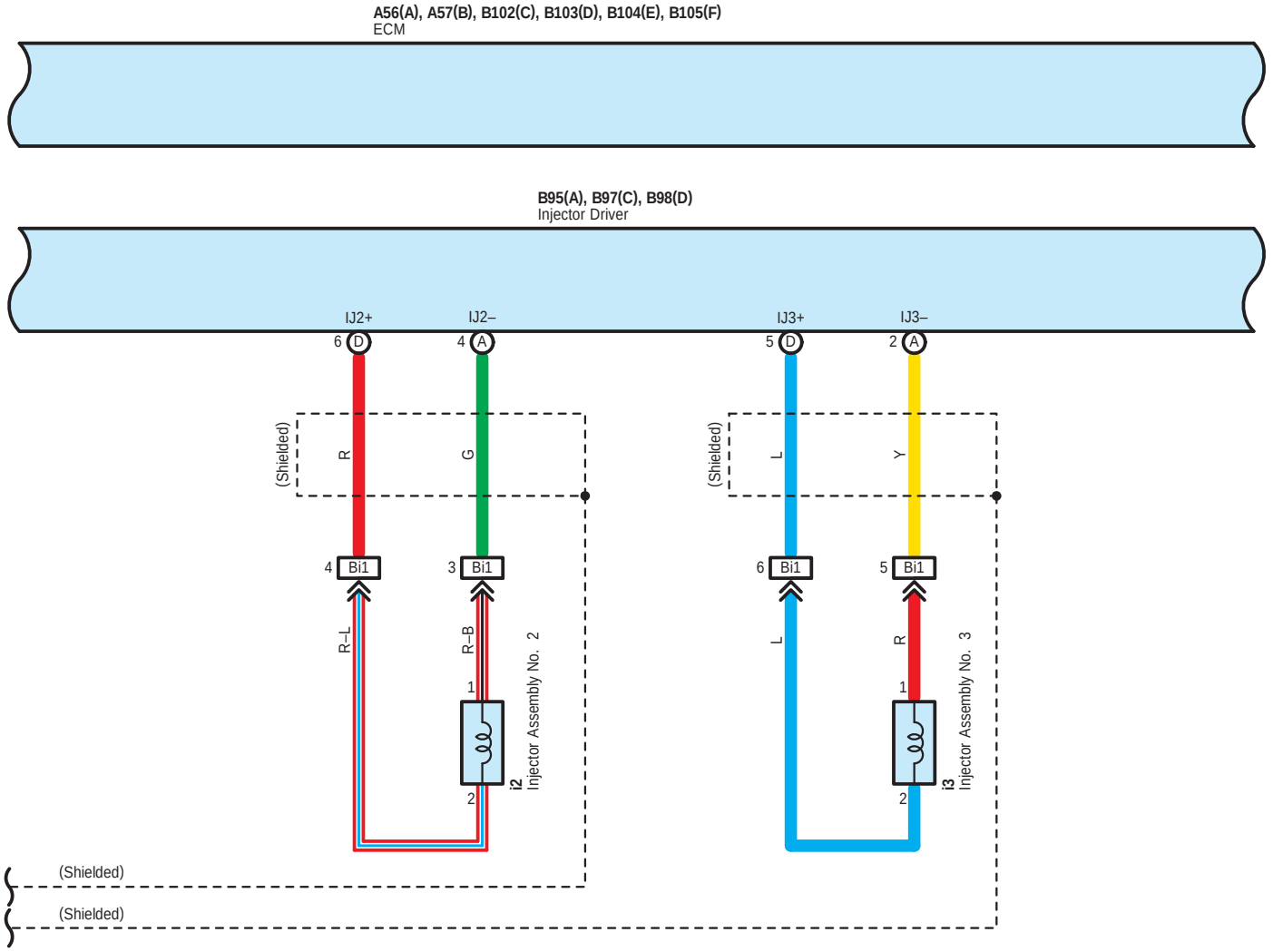
A56(A), A57(B), B102(C), B103(D), B104(E), B105(F)
ECM



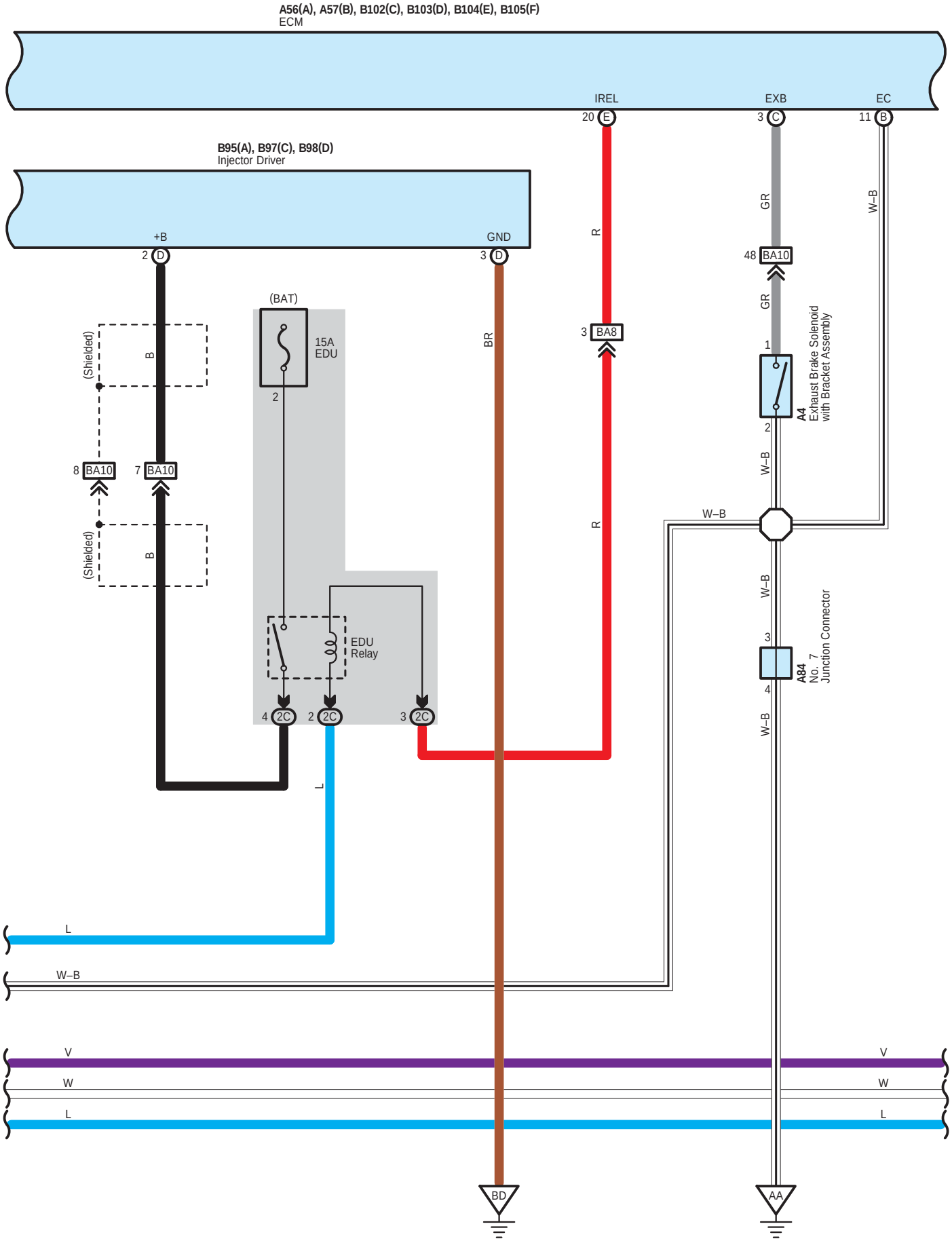

A56(A), A57(B), B102(C), B103(D), B104(E), B105(F)
ECM
#1
#2
#3
#4
INJF
21 F
22 F
23 F
24 F
20 F
B95(A), B97(C), B98(D)
Injector Driver
INJF
#40
#30
#20
#10
5 C
3 C
7 C
8 C
4 C
(Shielded)
B
W
R
G
B
BR
BR

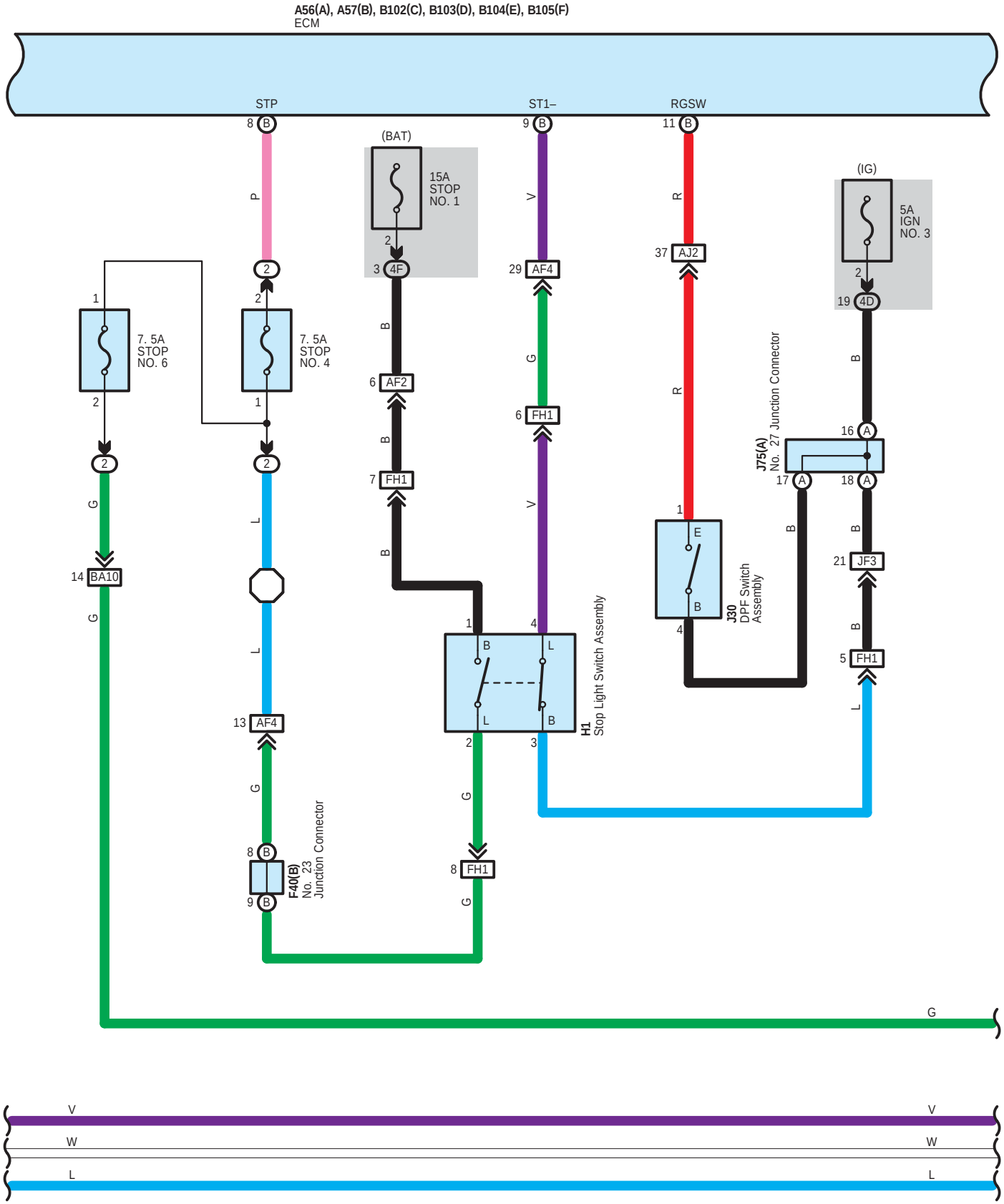

L
L
W–B
W–B
V
V
W
W
L
L

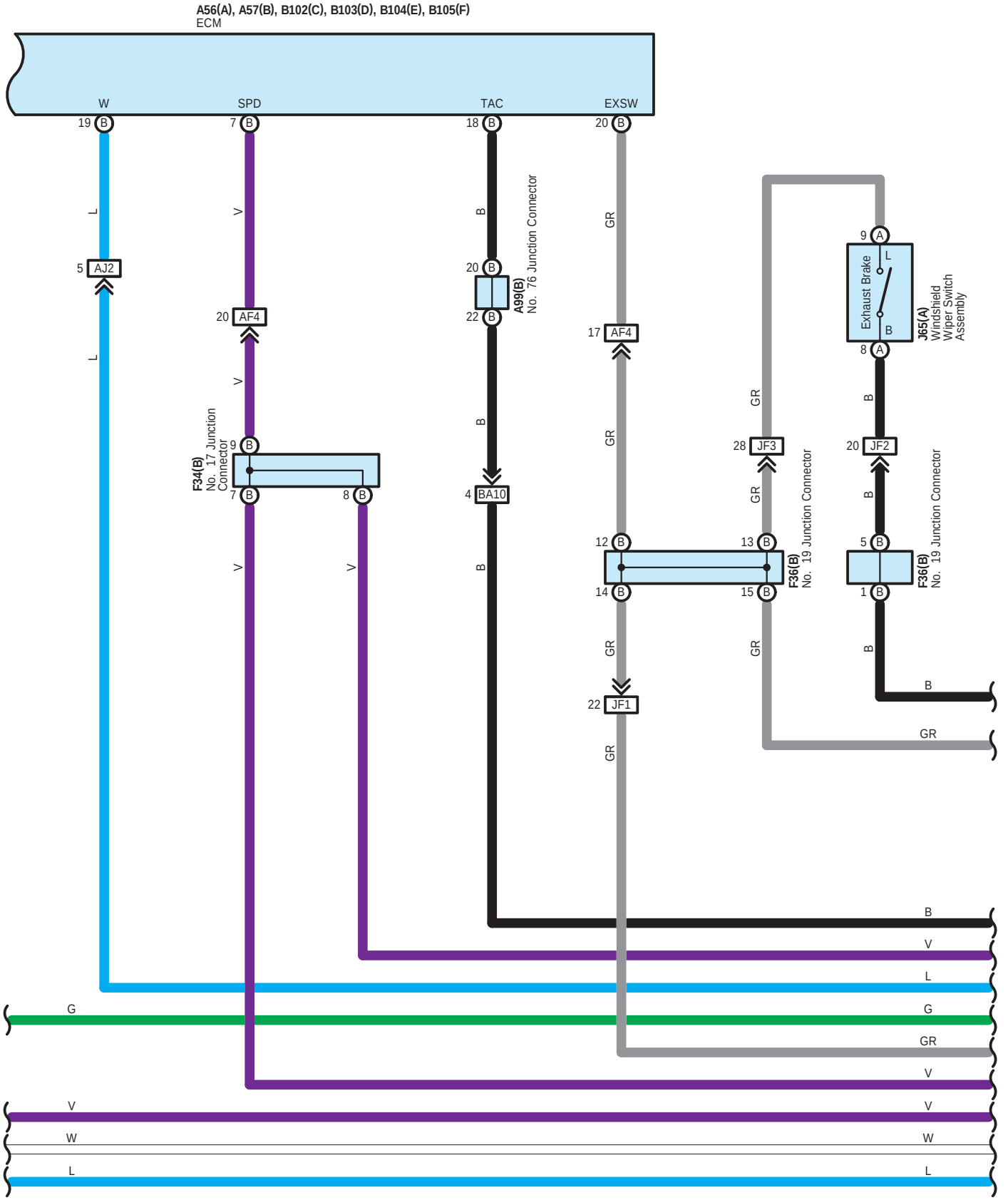

A56(A), A57(B), B102(C), B103(D), B104(E), B105(F)
ECM
B95(A), B97(C), B98(D)
Injector Driver
IJ1+
IJ1–
IJ4+
IJ4–
1 D
6 A
3 A
5 A
(Shielded)
W
B
V
P
2 Bi1
1 Bi1
8 Bi1
7 Bi1
W
B
Y
G
1
2
i1
Injector Assembly No. 1
i4
Injector Assembly No. 4
(Shielded)
(Shielded)
BR
BR
BR
13
9
B115
No. 14
Junction Connector
5
BR
L
L
W–B
W–B
V
V
W
W
L
L
BA

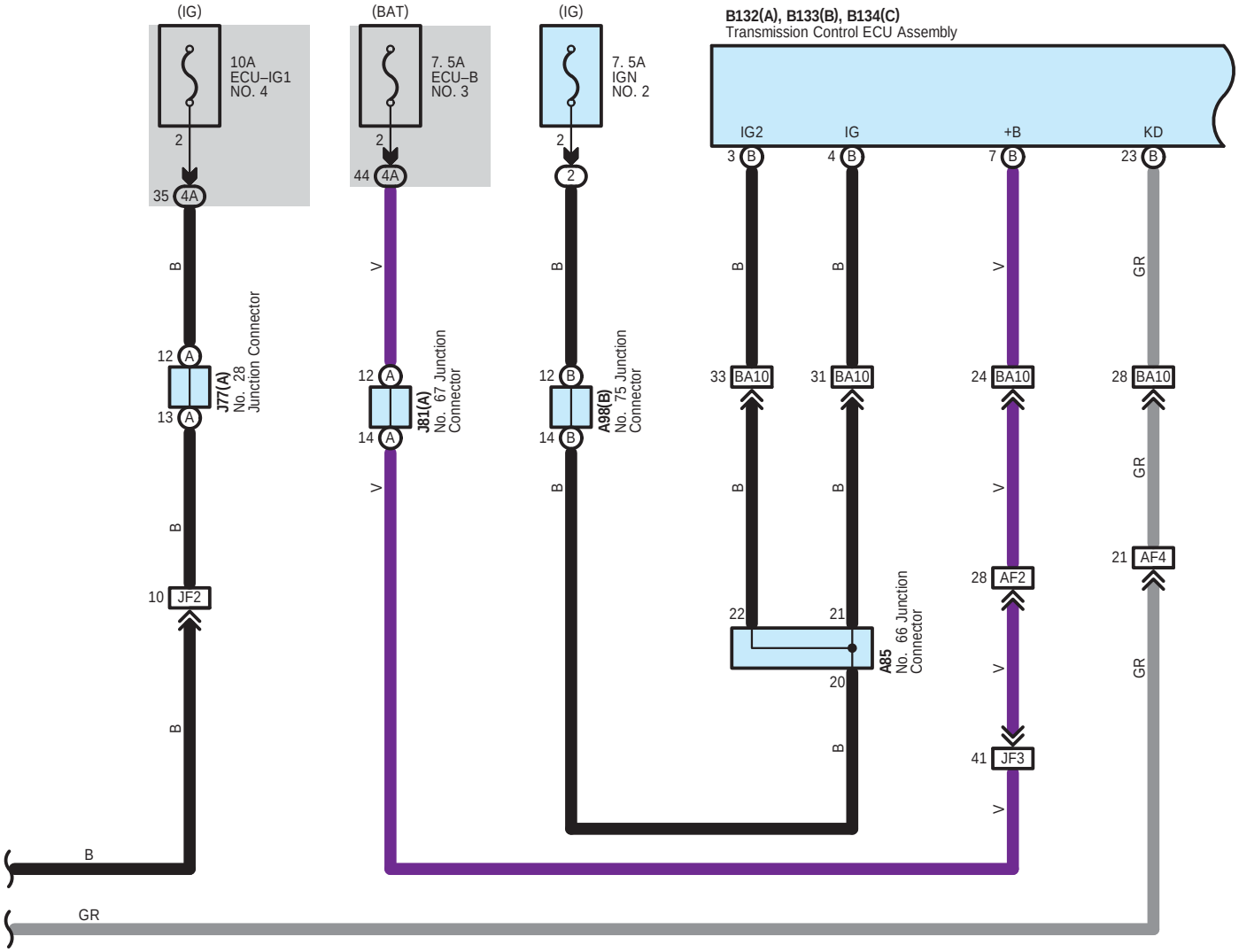

A56(A), A57(B), B102(C), B103(D), B104(E), B105(F)
ECM
B95(A), B97(C), B98(D)
Injector Driver
IJ2+
IJ2–
IJ3+
IJ3–
6 D
4 A
5 D
2 A
(Shielded)
R
G
L
Y
4 Bi1
3 Bi1
6 Bi1
5 Bi1
R–L
R–B
L
R
1
2
i2 Injector Assembly No. 2
i3 Injector Assembly No. 3
(Shielded)
(Shielded)


L
L
W–B
W–B
V
V
W
W
L
L

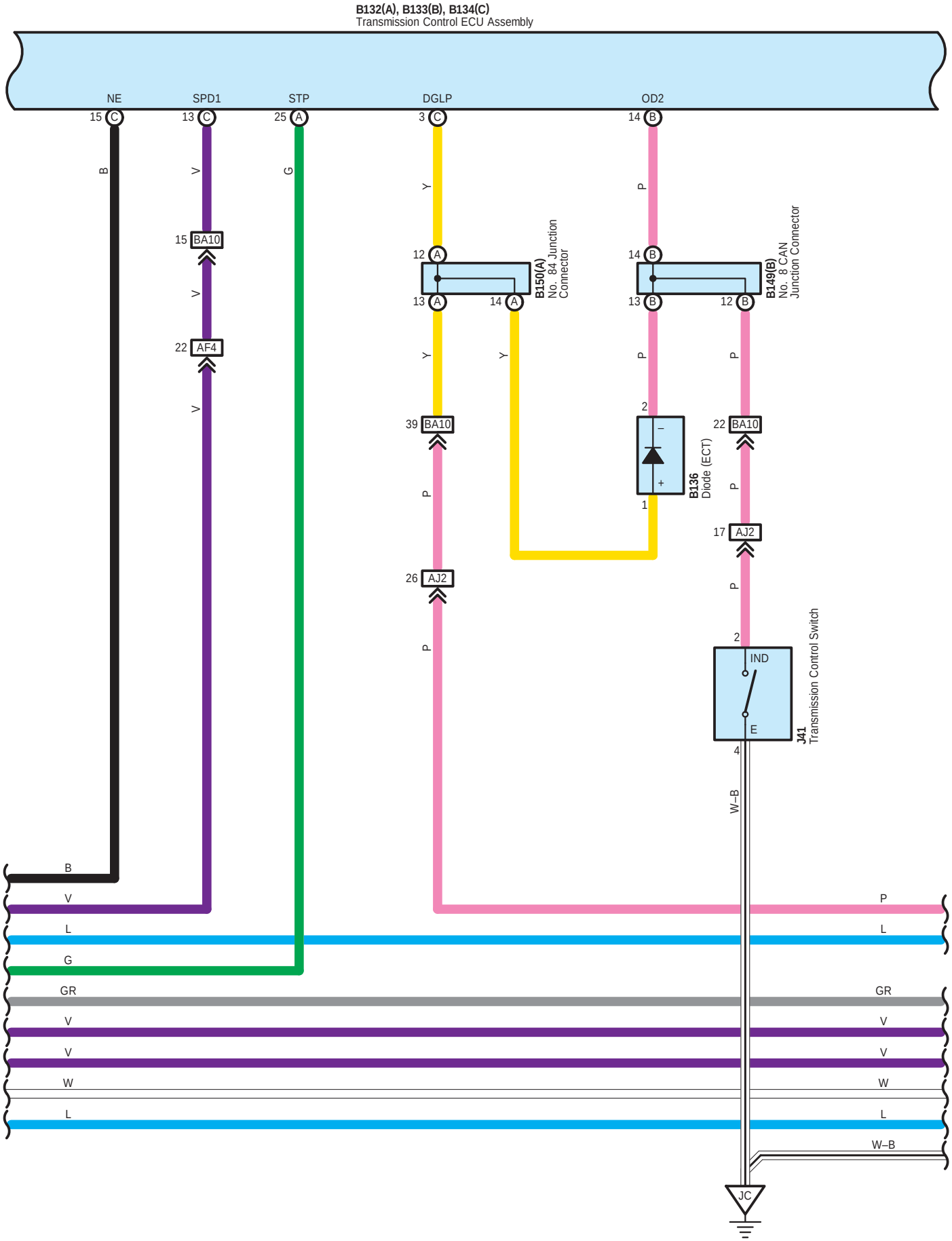

A56(A), A57(B), B102(C), B103(D), B104(E), B105(F)
ECM
IREL
EXB
EC
20 E
3 C
11 B
B95(A), B97(C), B98(D)
Injector Driver
+B
GND
2 D
3 D
GR
W–B
48 BA10
GR
1
A4
Exhaust Brake Solenoid with Bracket Assembly
2
W–B
R
3 BA8
R
(BAT)
15A EDU
2
BR
(Shielded)
B
8 BA10
7 BA10
(Shielded)
B
W–B
W–B
EDU Relay
3
A84
No. 7 Junction Connector
4
W–B
4 2C
2 2C
3 2C
L
L
W–B
V
W
L
V
W
L
BD
AA

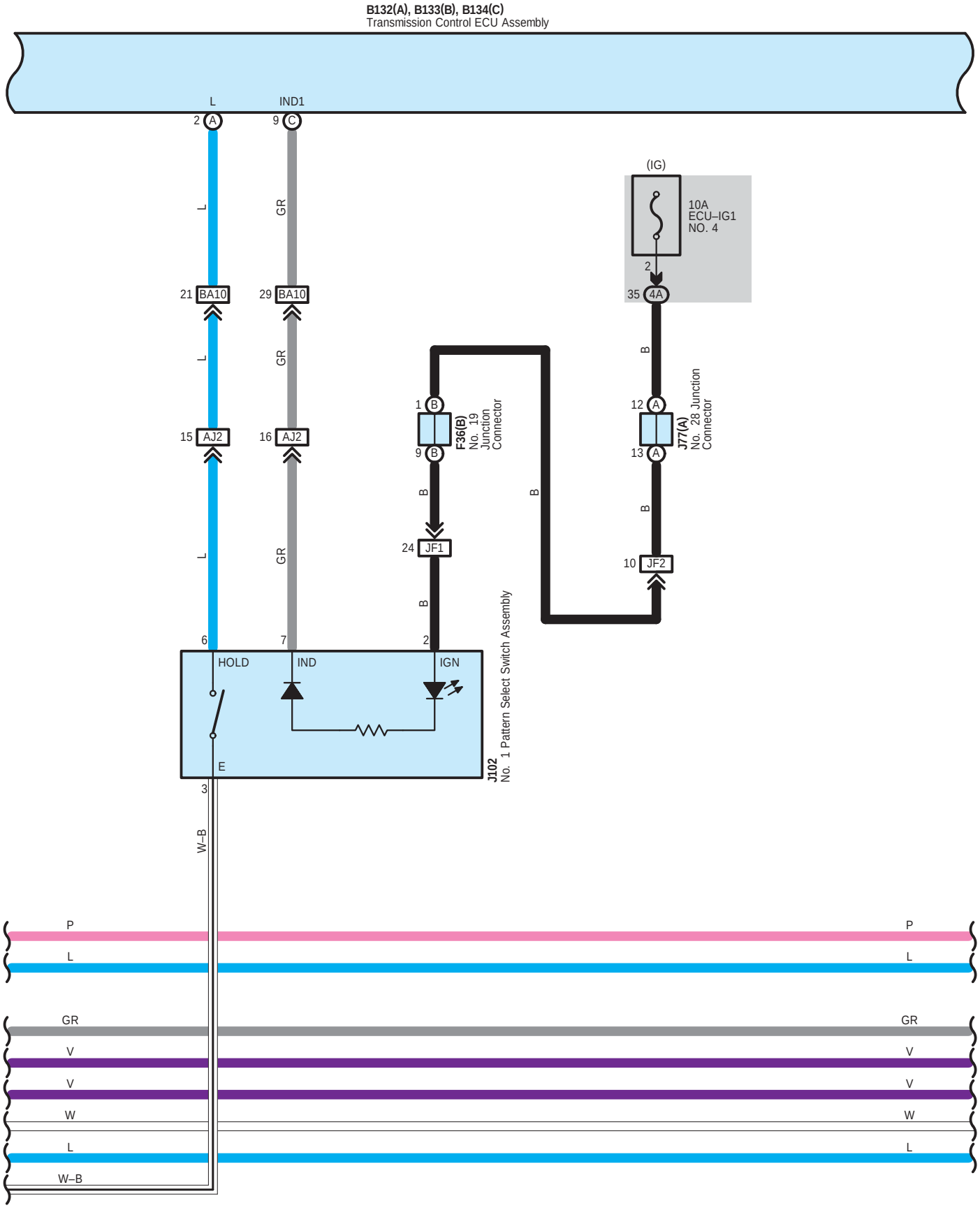

A56(A), A57(B), B102(C), B103(D), B104(E), B105(F)
ECM
STP
ST1–
RGSW
(BAT)
(IG)
15A STOP NO. 1
5A IGN NO. 3
7. 5A STOP NO. 6
7. 5A STOP NO. 4
AF2
AF4
FH1
AJ2
BA10
JF3
J75(A) No. 27 Junction Connector
J30 DPF Switch Assembly
H1 Stop Light Switch Assembly
F40(B) No. 23 Junction Connector

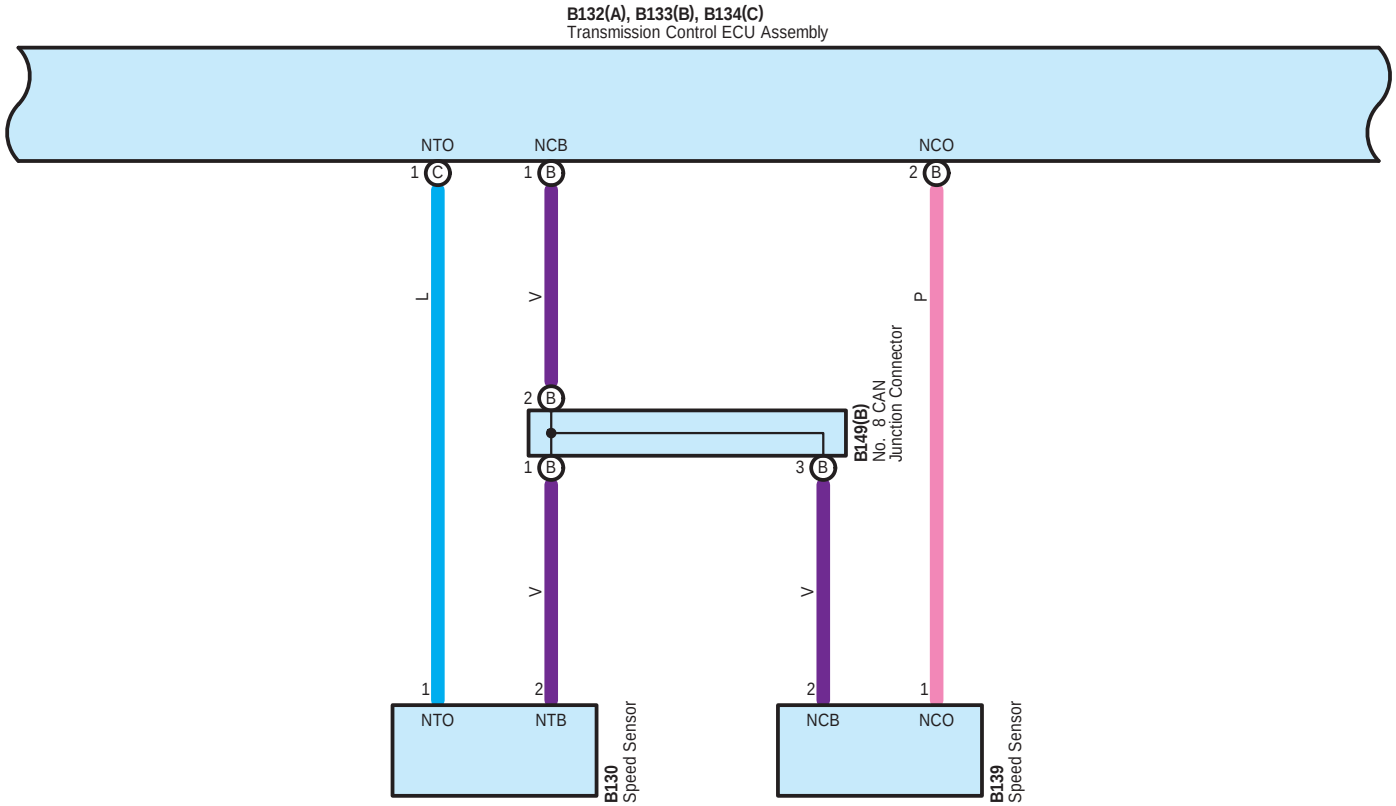

A56(A), A57(B), B102(C), B103(D), B104(E), B105(F)
ECM
W
SPD
TAC
EXSW
19 B
7 B
18 B
20 B
L
V
B
GR
5 AJ2
20 AF4
20 B
22 B
A99(B)
No. 76 Junction Connector
17 AF4
9 A
L
Exhaust Brake
B
J65(A)
Windshield
Wiper Switch
Assembly
8 A
B
GR
28 JF3
20 JF2
F34(B)
No. 17 Junction
Connector
9 B
7 B
8 B
4 BA10
GR
B
12 B
13 B
14 B
15 B
F36(B)
No. 19 Junction Connector
5 B
1 B
22 JF1
B
GR
G
V
L
W


(IG)
10A
ECU–IG1
NO. 4
2
35 4A
B
12 A
13 A
J77(A)
No. 28
Junction Connector
B
10 JF2
B
B
(BAT)
7. 5A
ECU–B
NO. 3
2
44 4A
V
12 A
14 A
J81(A)
No. 67 Junction
Connector
V
(IG)
7. 5A
IGN
NO. 2
2
2
B
12 B
14 B
A98(B)
No. 75 Junction
Connector
B
B132(A), B133(B), B134(C)
Transmission Control ECU Assembly
IG2
IG
+B
KD
3 B
4 B
7 B
23 B
B
B
V
GR
33 BA10
31 BA10
24 BA10
28 BA10
B
B
V
GR
22
21
20
A85
No. 66 Junction
Connector
B
28 AF2
21 AF4
V
GR
41 JF3
V
B
GR

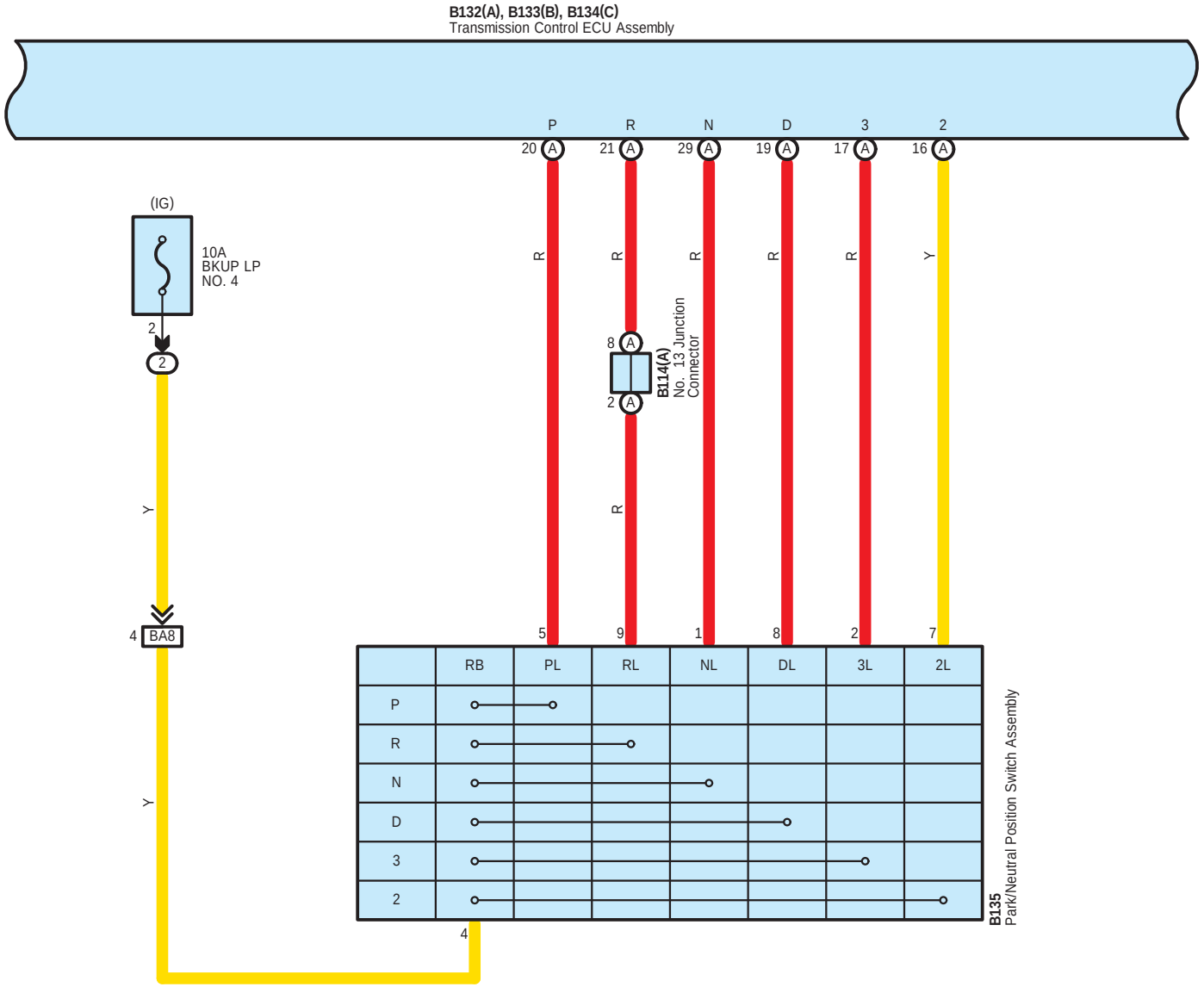

B
B
V
V
L
L
G
G
GR
GR
V
V
V
V
W
W
L
L


B132(A), B133(B), B134(C)
Transmission Control ECU Assembly
NE
SPD1
STP
DGLP
OD2
15 C
13 C
25 A
3 C
14 B
B
V
G
Y
P
15 BA10
22 AF4
12 A
13 A
14 A
B150(A)
No. 84 Junction
Connector
14 B
13 B
12 B
B149(B)
No. 8 CAN
Junction Connector
39 BA10
26 AJ2
2
1
B136
Diode (ECT)
22 BA10
17 AJ2
2
IND
E
J41
Transmission Control Switch
4
W–B
JC
B
V
L
G
GR
V
V
W
L
P
L
GR
V
V
W
L
W–B

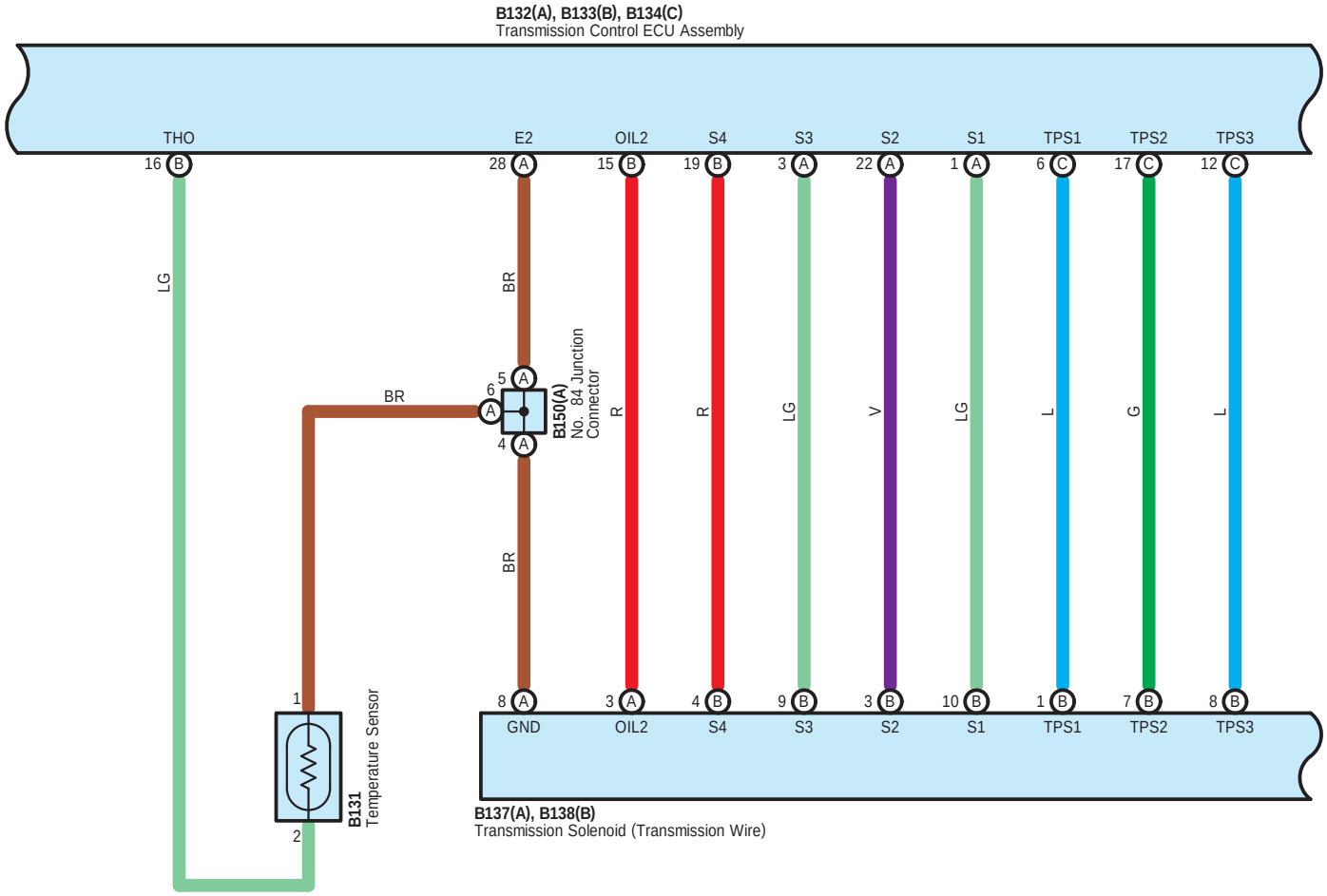

B132(A), B133(B), B134(C)
Transmission Control ECU Assembly
L
IND1
2 A
9 C
L
GR
21 BA10
29 BA10
L
GR
15 AJ2
16 AJ2
L
GR
6
7
2
HOLD
IND
IGN
E
J102
No. 1 Pattern Select Switch Assembly
3
W–B
(IG)
10A
ECU–IG1
NO. 4
2
35 4A
B
12 A
13 A
J77(A)
No. 28 Junction
Connector
1 B
9 B
F36(B)
No. 19
Junction
Connector
B
B
24 JF1
B
10 JF2
P
L
GR
V
V
W
L
W–B
P
L
GR
V
V
W
L


B132(A), B133(B), B134(C)
Transmission Control ECU Assembly
NTO
NCB
NCO
1 C
1 B
2 B
L
V
P
2 B
B149(B)
No. 8 CAN
Junction Connector
1 B
3 B
V
V
1
2
2
1
NTO
NTB
NCB
NCO
B130
Speed Sensor
B139
Speed Sensor


P
P
L
L
GR
GR
V
V
V
V
W
W
L
L

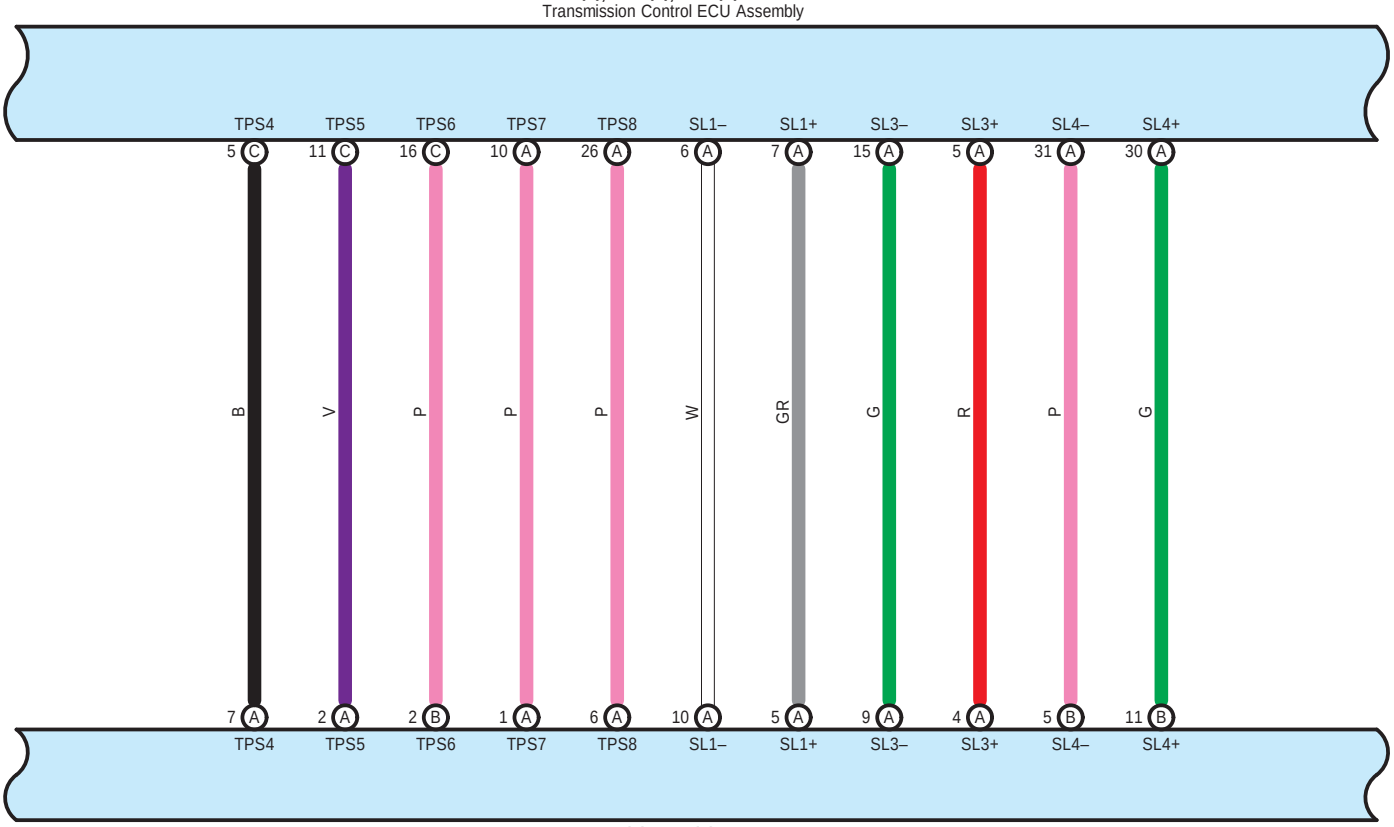

B132(A), B133(B), B134(C)
Transmission Control ECU Assembly
P
R
N
D
3
2
20 A
21 A
29 A
19 A
17 A
16 A
(IG)
10A
BKUP LP
NO. 4
2
2
R
R
R
R
R
Y
8 A
2 A
B114(A)
No. 13 Junction
Connector
R
Y
4 BA8
Y
5
9
1
8
2
7
RB
PL
RL
NL
DL
3L
2L
P
R
N
D
3
2
4
B135
Park/Neutral Position Switch Assembly


P
P
L
L
GR
GR
V
V
V
V
W
W
L
L


B132(A), B133(B), B134(C)
Transmission Control ECU Assembly
THO
E2
OIL2
S4
S3
S2
S1
TPS1
TPS2
TPS3
16 B
28 A
15 B
19 B
3 A
22 A
1 A
6 C
17 C
12 C
LG
BR
BR
R
R
LG
V
LG
L
G
L
5 A
6 A
4 A
B150(A)
No. 84 Junction Connector
1
2
B131
Temperature Sensor
8 A
3 A
4 B
9 B
3 B
10 B
1 B
7 B
8 B
GND
OIL2
S4
S3
S2
S1
TPS1
TPS2
TPS3
B137(A), B138(B)
Transmission Solenoid (Transmission Wire)

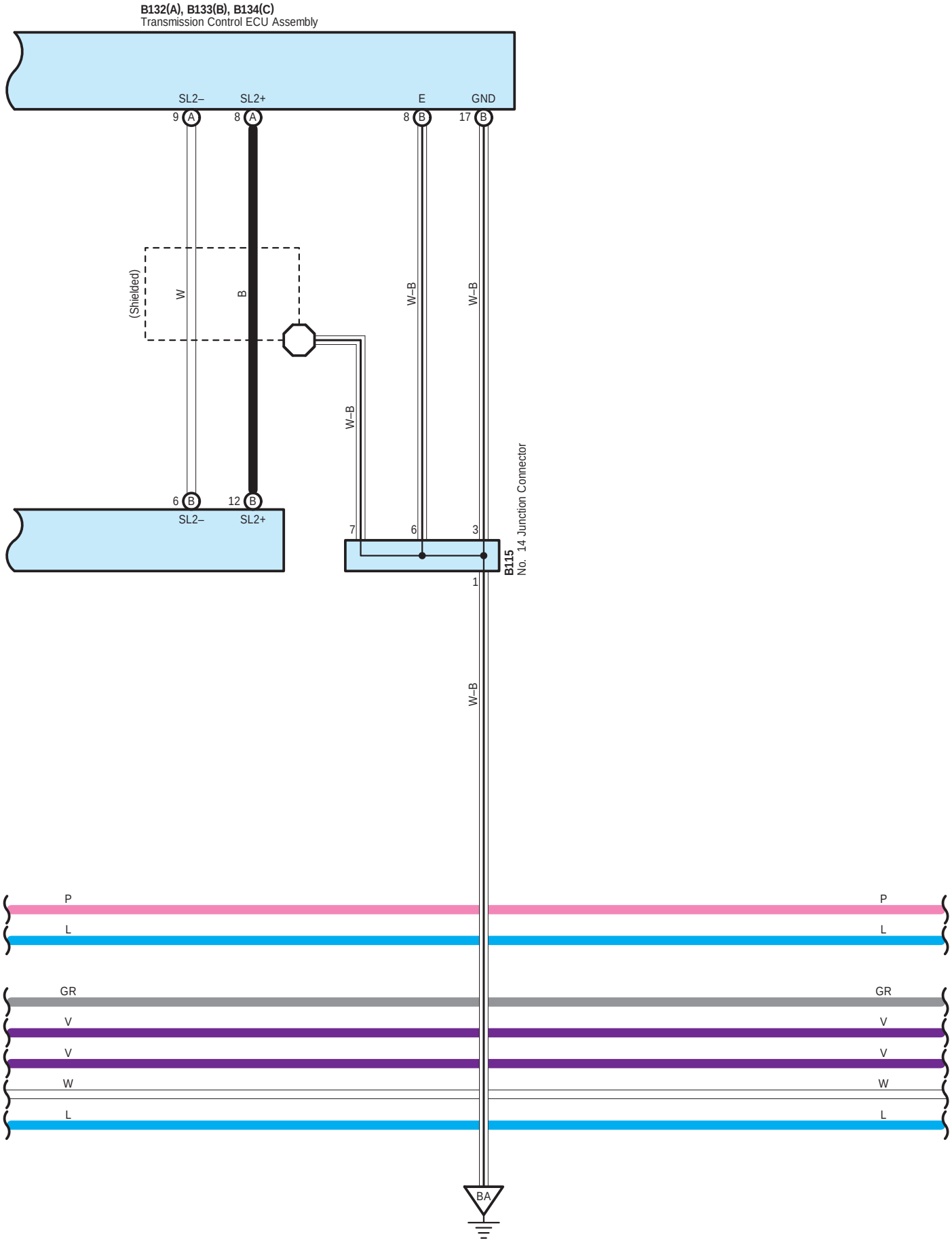

P
P
L
L
GR
GR
V
V
V
V
W
W
L
L

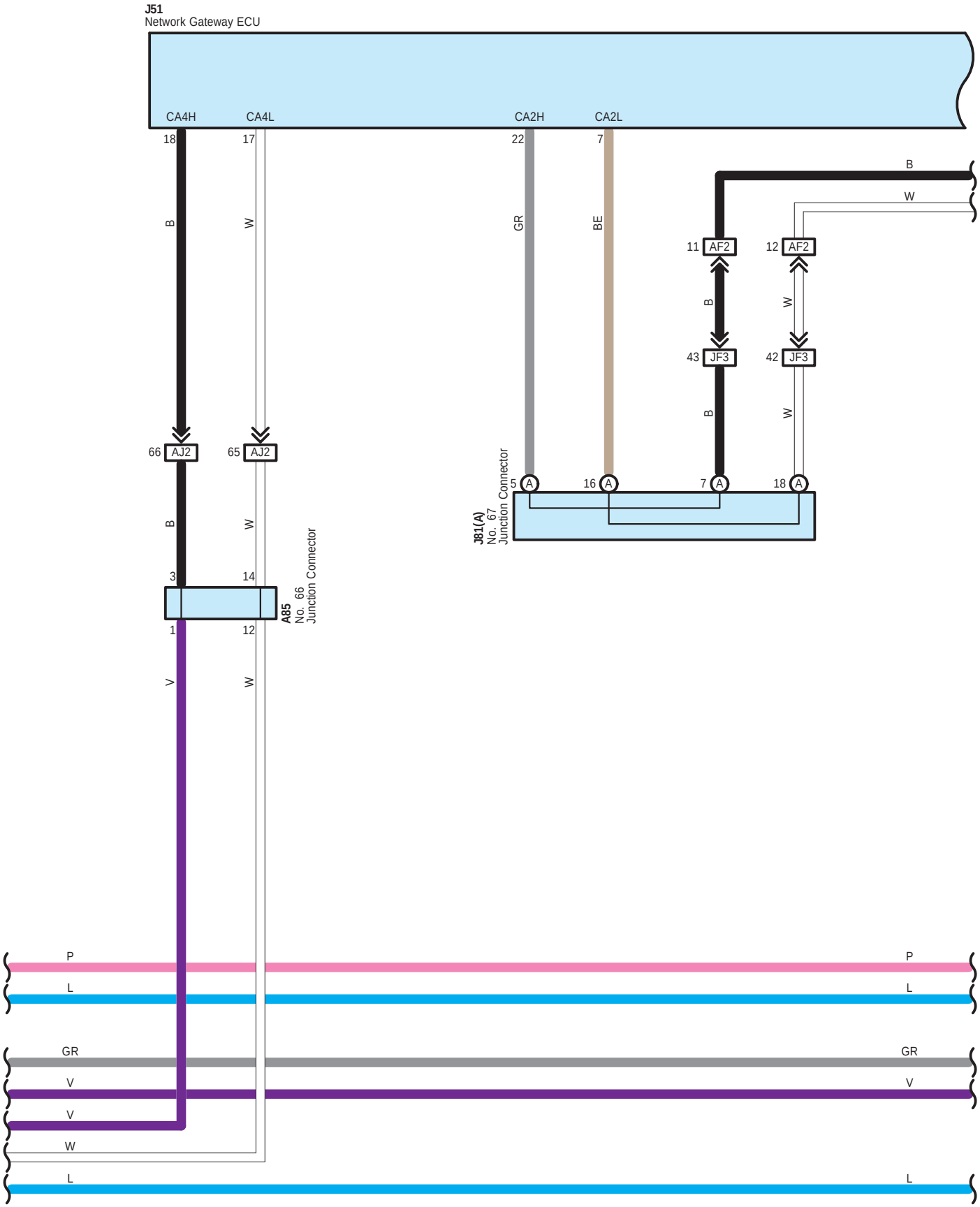
B132(A), B133(B), B134(C)
Transmission Control ECU Assembly

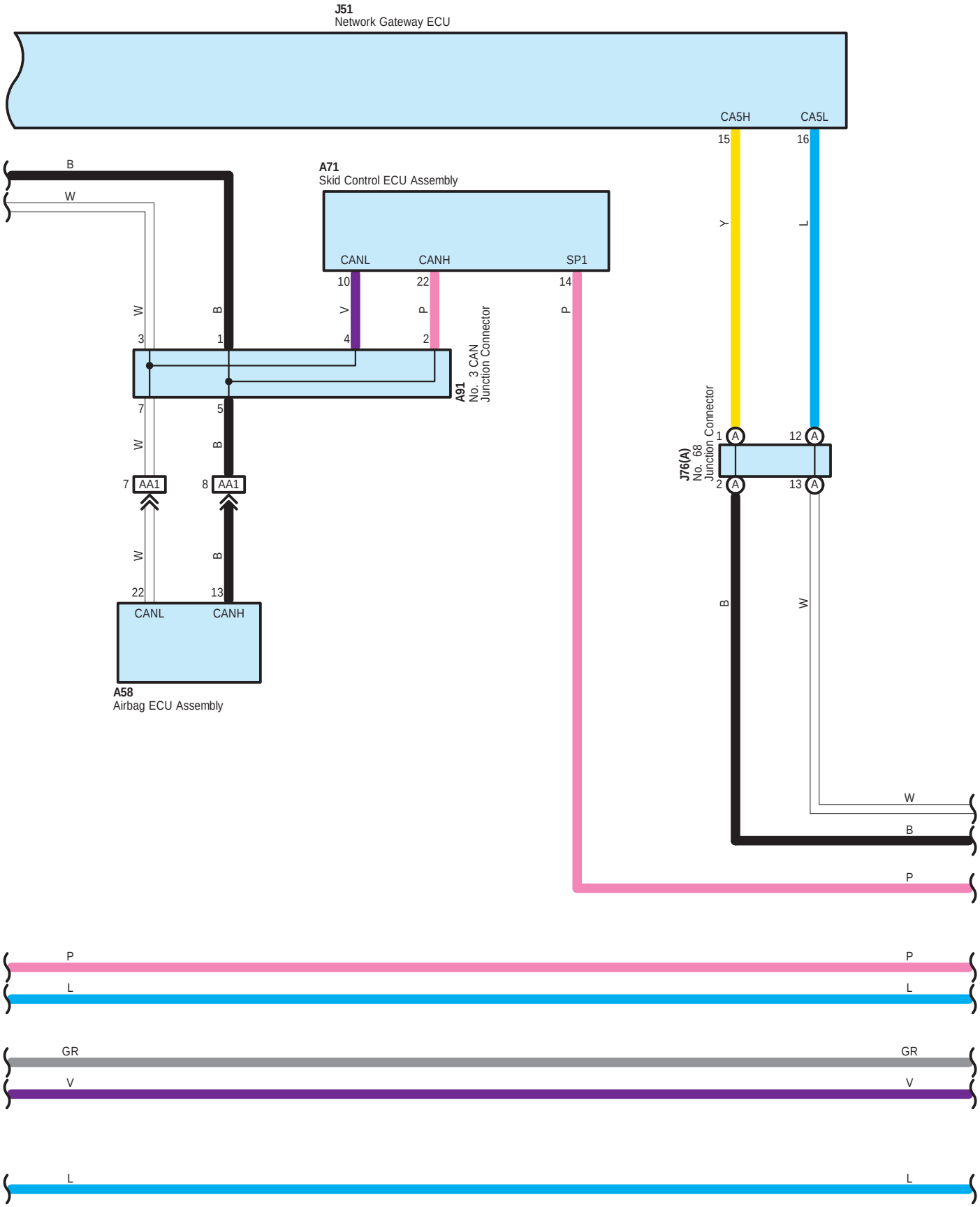


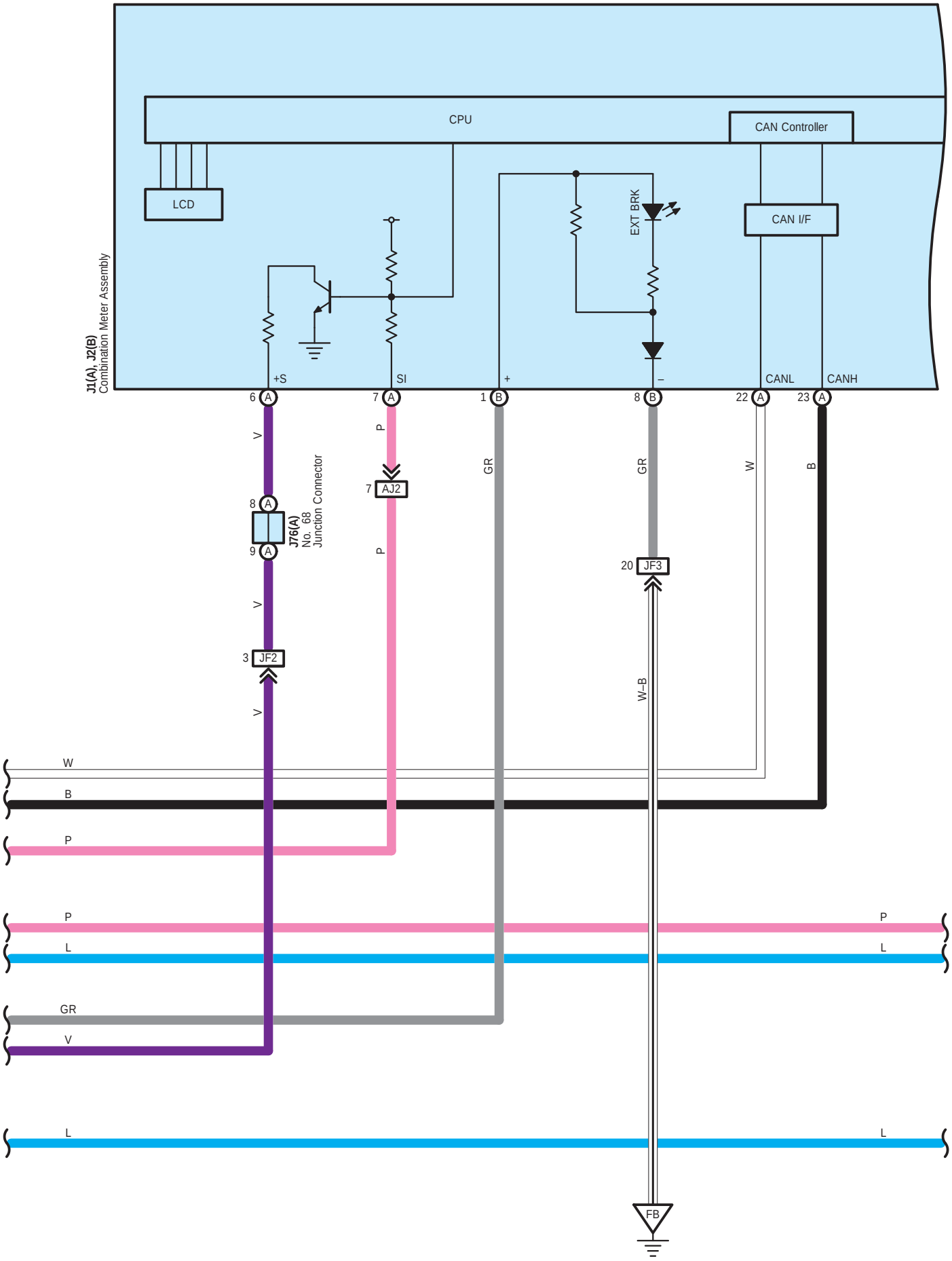
B137(A), B138(B)
Transmission Solenoid (Transmission Wire)

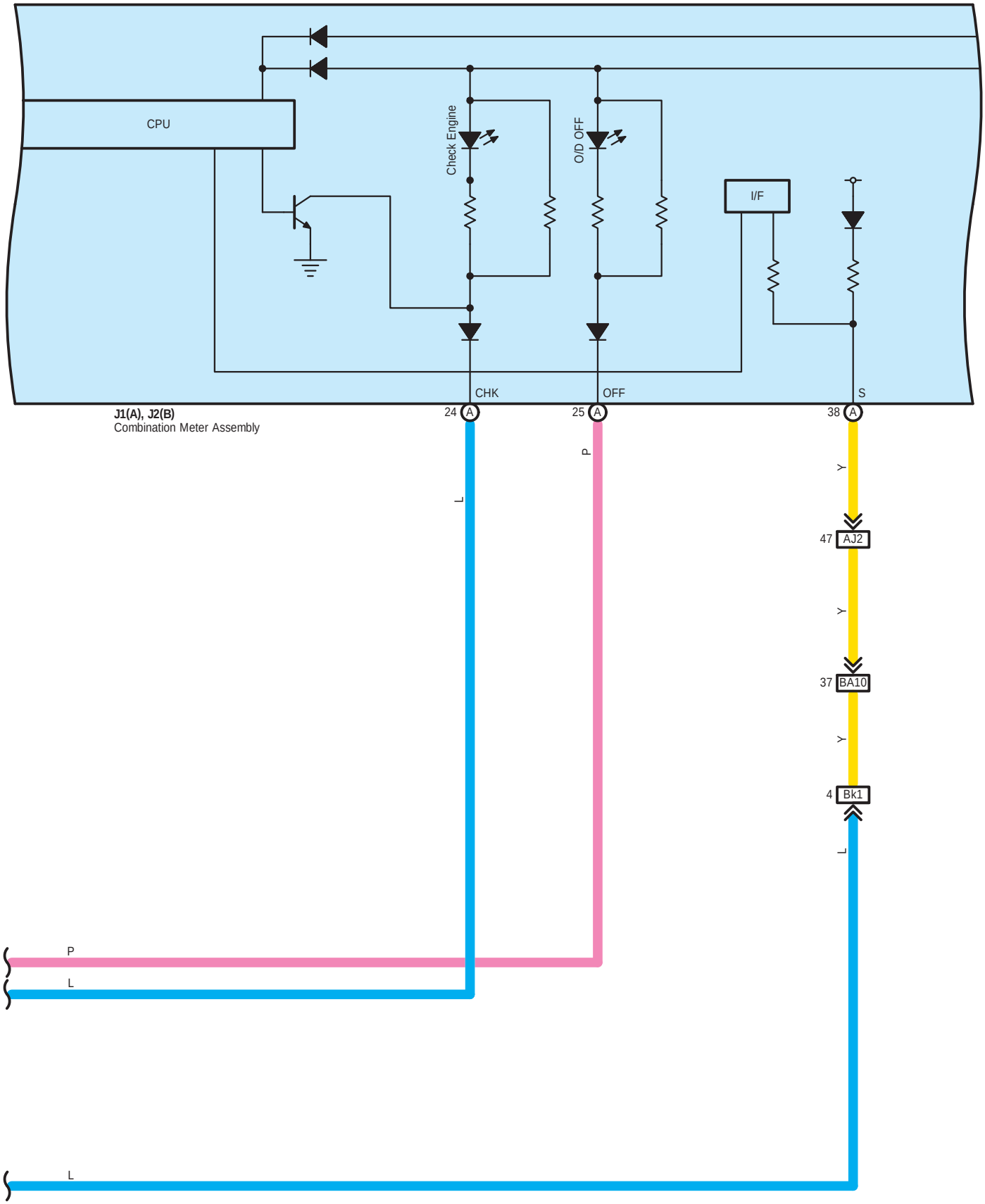


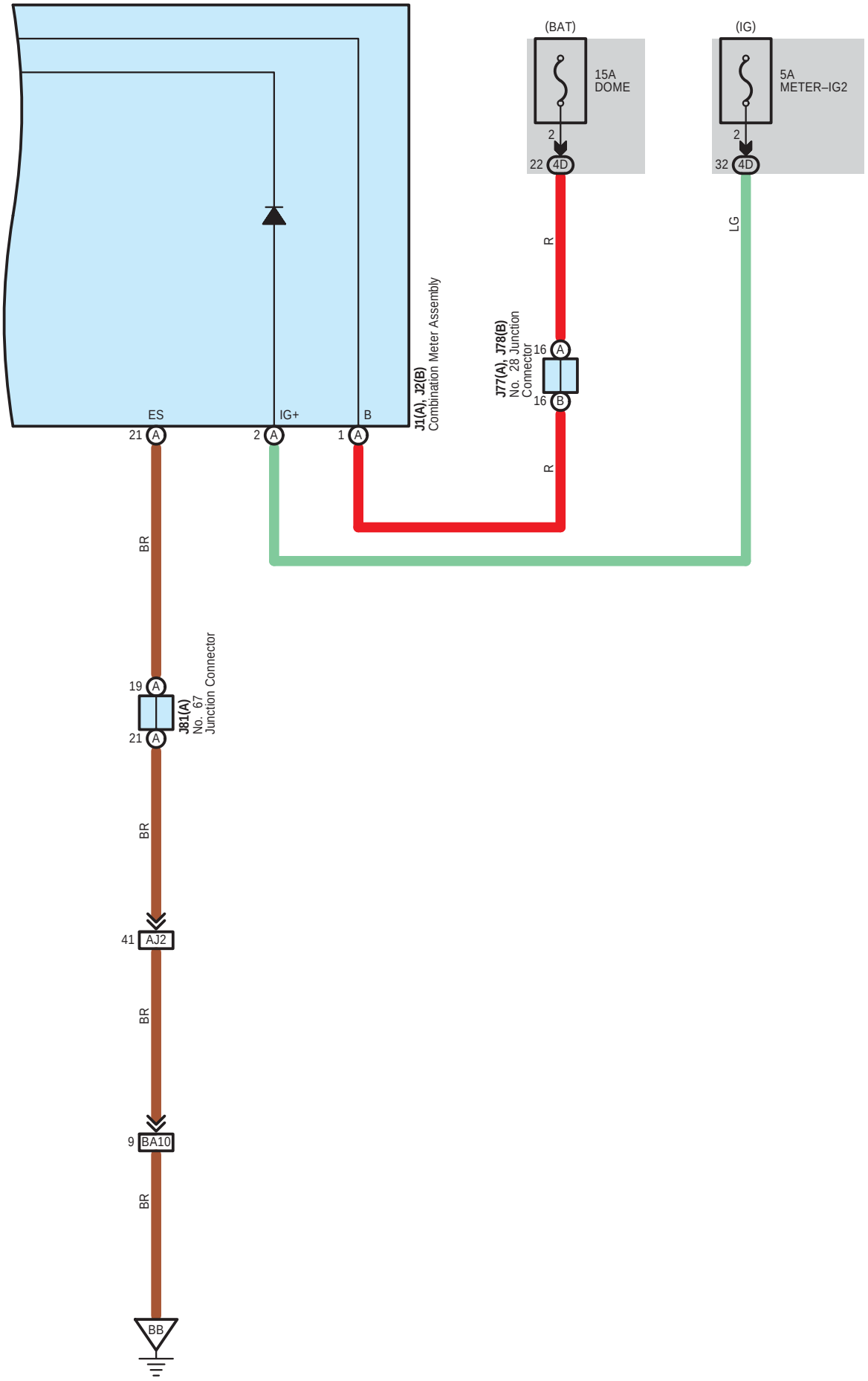

B132(A), B133(B), B134(C)
Transmission Control ECU Assembly
SL2–
SL2+
E
GND
9 A
8 A
8 B
17 B
(Shielded)
W
B
W–B
W–B
W–B
6 B
12 B
SL2–
SL2+
7
6
3
B115
No. 14 Junction Connector
1
W–B
P
L
GR
V
V
W
L
P
L
GR
V
V
W
L
BA


J51
Network Gateway ECU
CA4H
CA4L
CA2H
CA2L
18
17
22
7
B
W
GR
BE
B
W
11 AF2
12 AF2
B
W
43 JF3
42 JF3
B
W
66 AJ2
65 AJ2
B
W
5 A
16 A
7 A
18 A
J81(A)
No. 67
Junction Connector
3
14
A85
No. 66
Junction Connector
1
12
V
W
P
L
GR
V
V
W
L
P
L
GR
V
L

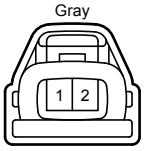

J51
Network Gateway ECU
CA5H
CA5L
15
16
Y
L
B
W
A71
Skid Control ECU Assembly
CANL
CANH
SP1
10
22
14
V
P
P
W
B
3
1
4
2
A91
No. 3 CAN
Junction Connector
7
5
W
B
7
AA1
8
AA1
W
B
22
13
CANL
CANH
A58
Airbag ECU Assembly
J76(A)
No. 68
Junction Connector
1
A
12
A
2
A
13
A
B
W
W
B
P
P
P
L
L
GR
GR
V
V
L
L


J1(A), J2(B)
Combination Meter Assembly
CPU
CAN Controller
LCD
EXT BRK
CAN I/F
+S
SI
+
–
CANL
CANH
6 A
7 A
1 B
8 B
22 A
23 A
V
P
GR
GR
W
B
8 A
9 A
J76(A)
No. 68
Junction Connector
7 AJ2
20 JF3
3 JF2
W–B
V
W
B
P
P
L
P
L
GR
V
L
L
FB

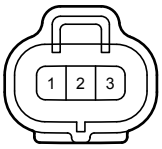

CPU
Check Engine
O/D OFF
I/F
CHK
OFF
S
J1(A), J2(B)
Combination Meter Assembly
24 A
25 A
38 A
L
P
Y
47 AJ2
Y
37 BA10
Y
4 Bk1
L
P
L
L


(BAT)
15A
DOME
2
22 4D
(IG)
5A
METER–IG2
2
32 4D
R
LG
J77(A), J78(B)
No. 28 Junction
Connector
16 A
16 B
R
J1(A), J2(B)
Combination Meter Assembly
ES
IG+
B
21 A
2 A
1 A
BR
19 A
21 A
J81(A)
No. 67
Junction Connector
BR
41 AJ2
BR
9 BA10
BR
BB

A 4
Gray



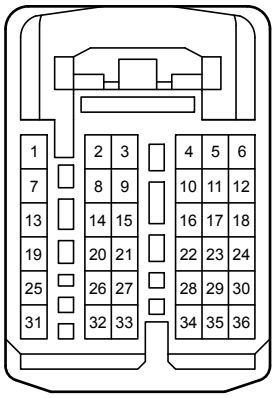
A 43
Black



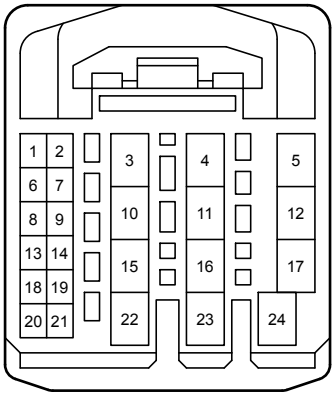
A 45
Dark Gray



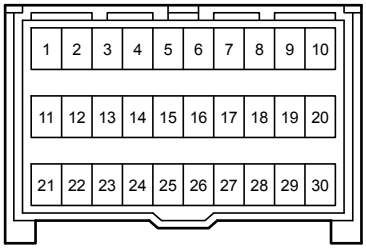
A 56
White



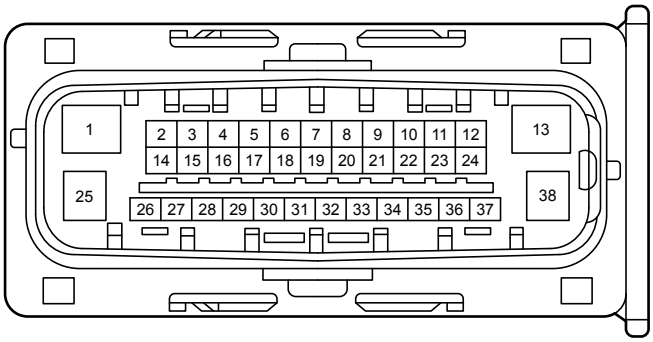
A 57
White



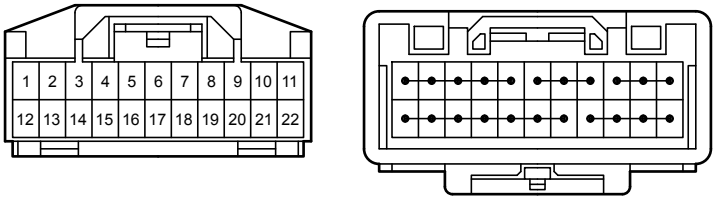
A 58
Yellow



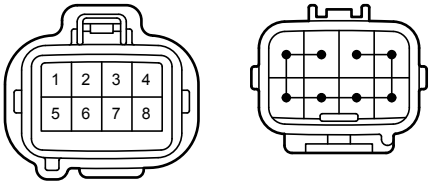
A 71
Black



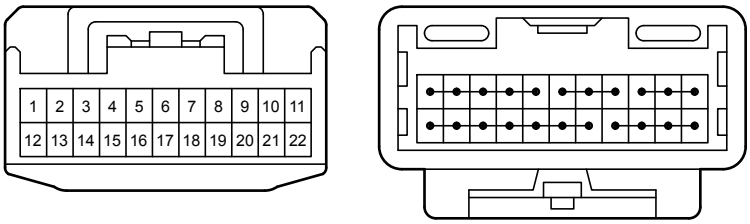
A 80
White



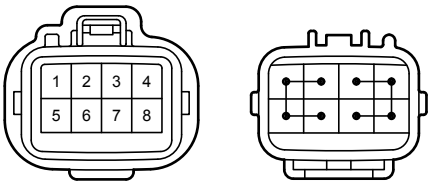
A 84
Gray



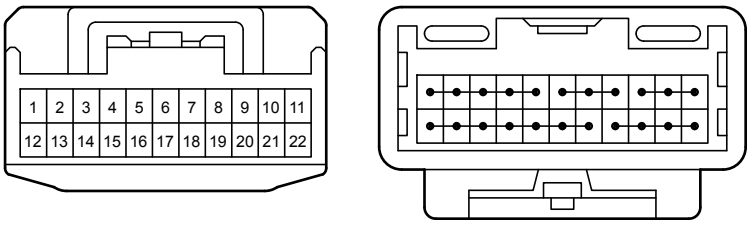
A 85
White



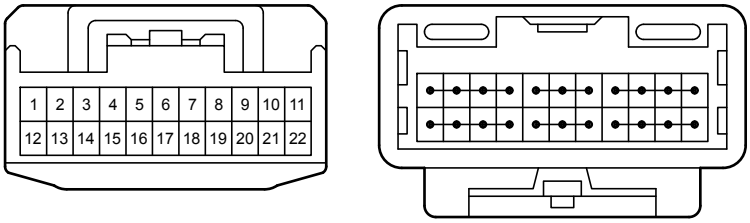
A 91
Dark Gray



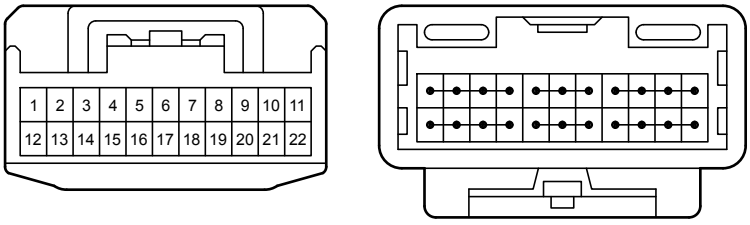
A 96
White



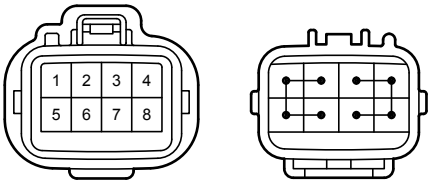
A 98
Black



A 99
Black



A121
Dark Gray



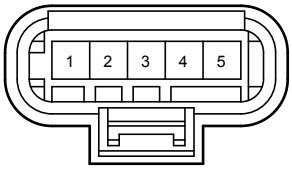
A129
Black



A130
Dark Gray



A131
Black



B 5
Black



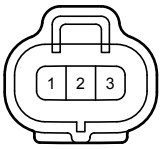
B 8
Dark Gray



B 13
Dark Gray



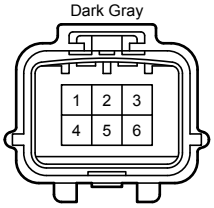
B 18
Black



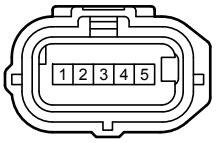
B 27
Black



B 48
Dark Gray



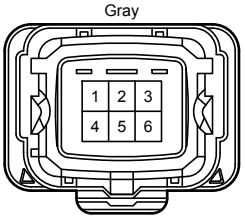
B 51
Black



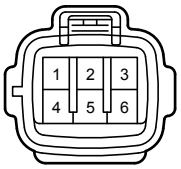
B 52
Gray



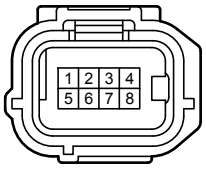
B 93
Gray



B 95
Black



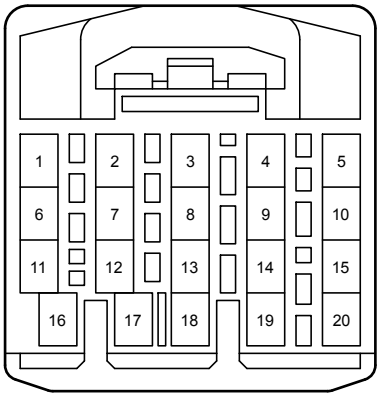
B 97
Black



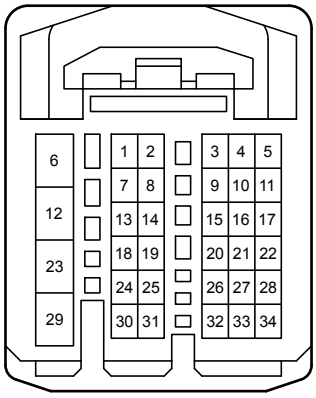
B 98
Black



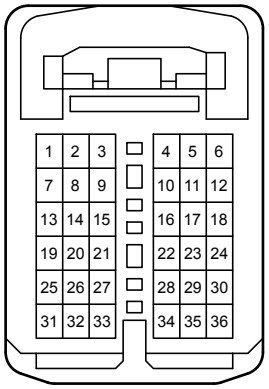
B102
White



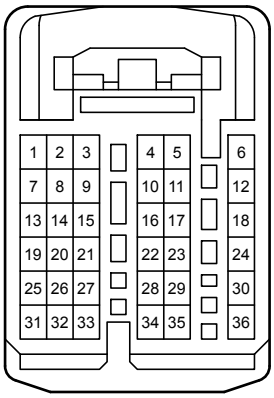
B103
White



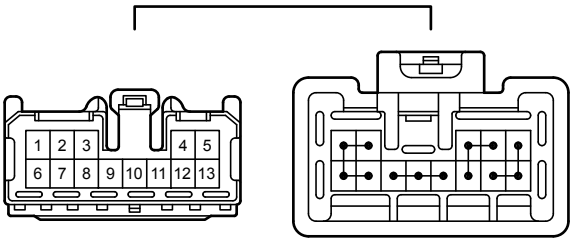
B104
White



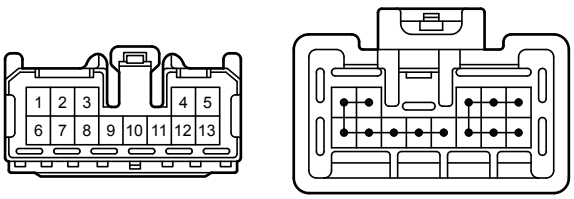
B105
White



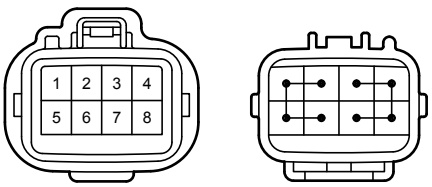
B114
Blue



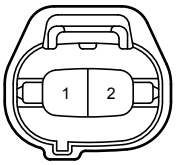
B115
Gray



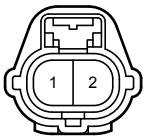
B118
Dark Gray



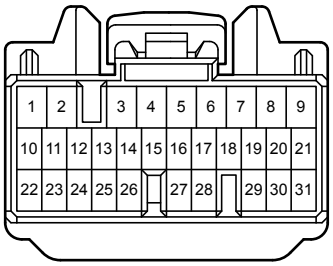
B130
Black



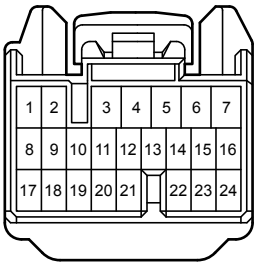
B131
White



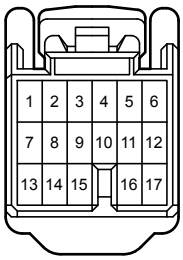
B132
White



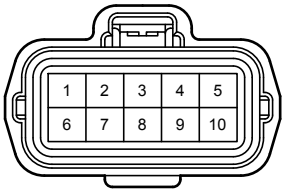
B133
White



B134
White



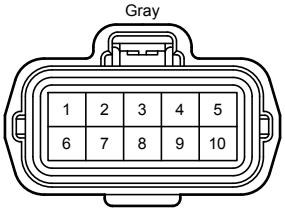
B135
Black



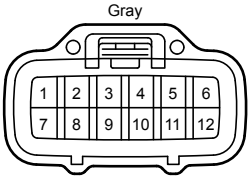
B136
Black



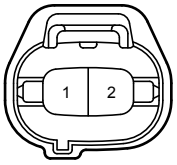
B137
Gray



B138
Gray



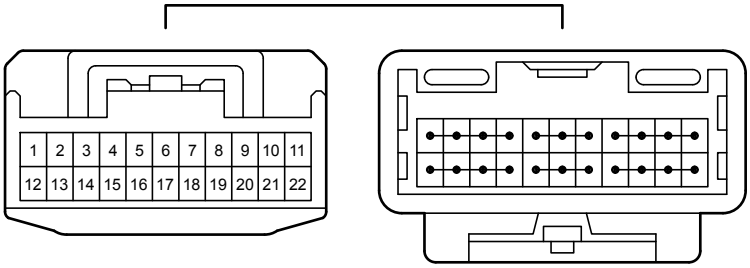
B139
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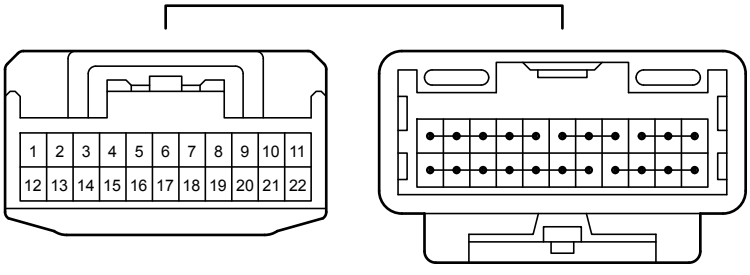
B141
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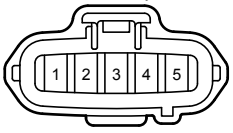
B149
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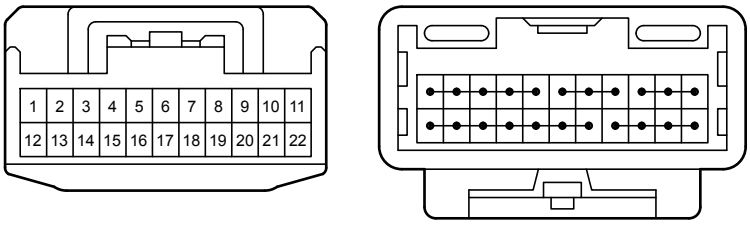
B150
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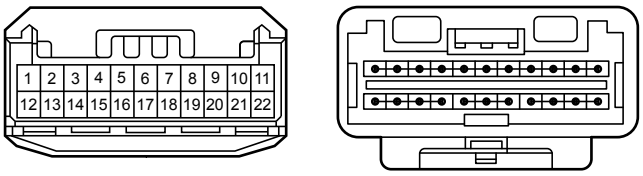
F 9
Dark Gray



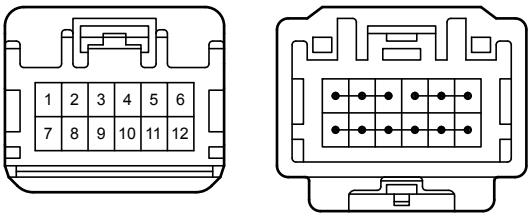
F 34
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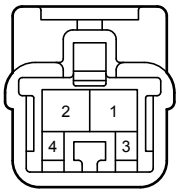
F 36
Black



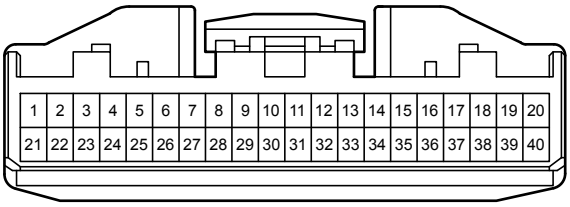
F 40
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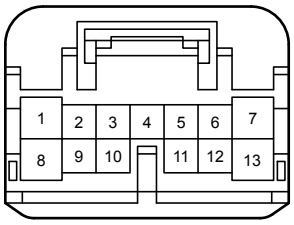
H 1
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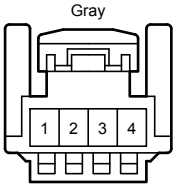
J 1
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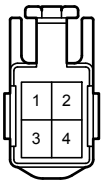
J 2
White



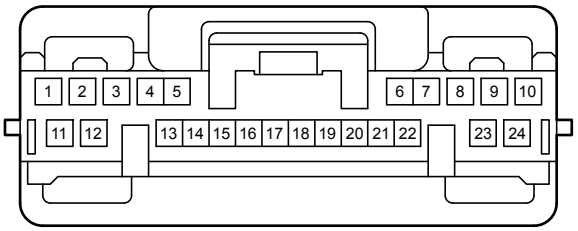
J 30
Gray



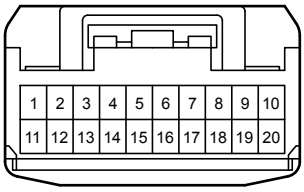
J 41
Blue



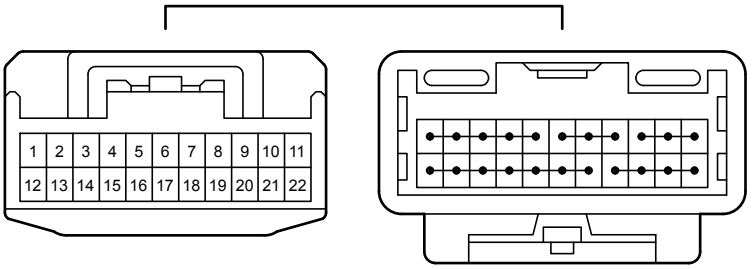
J 51
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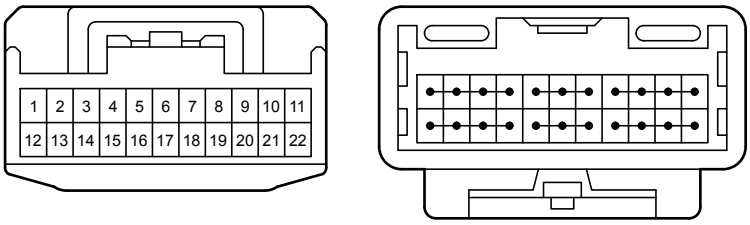
J 65
Black



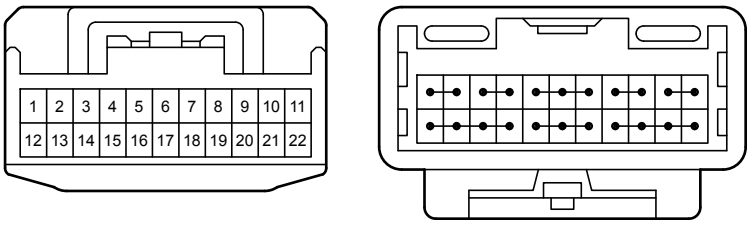
J 75
White



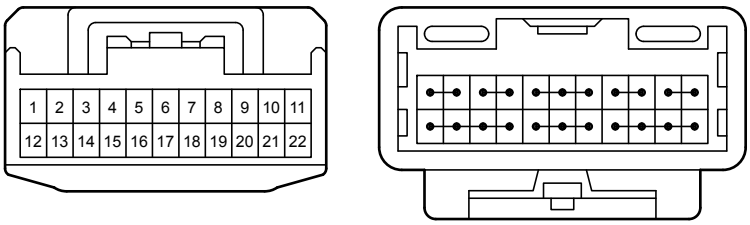
J 76
Blue



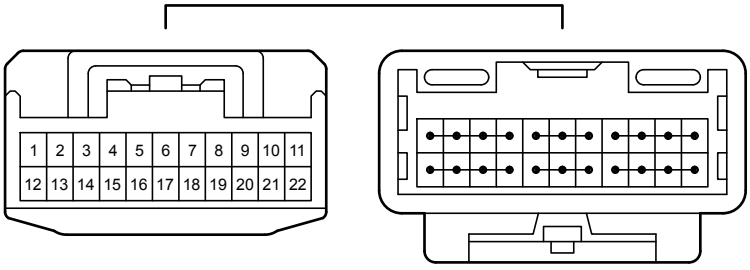
J 77
Black



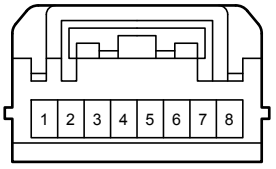
J 78
Black



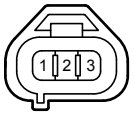
J 81
Blue



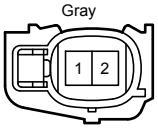
J102
Black



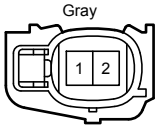
h 1
Black



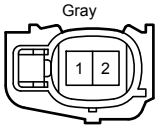
i 1
Gray



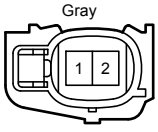
i 2
Gray



i 3
Gray



i 4
Gray



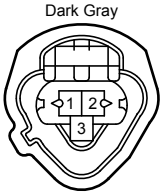
j 5
Dark Gray



j 6
Brown



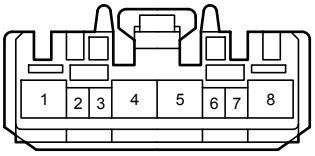
k 1
Dark Gray



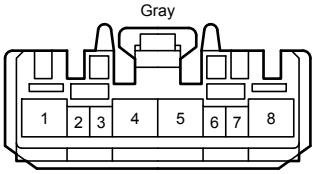
k 2
Black



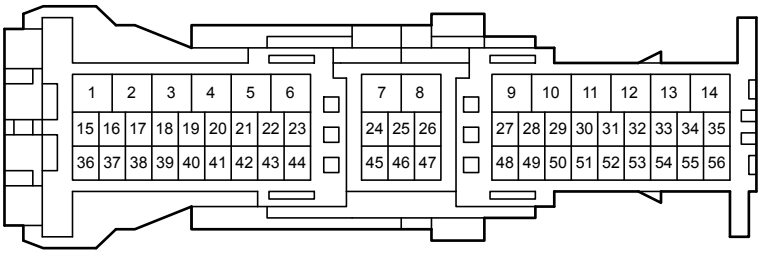
2C
White



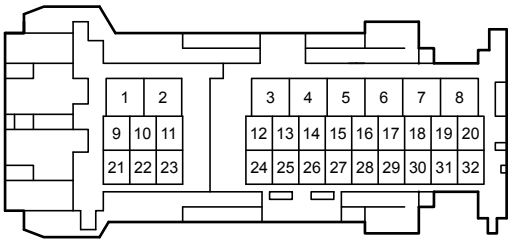
2D
Gray



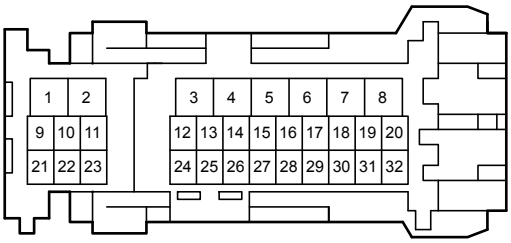
4A
White



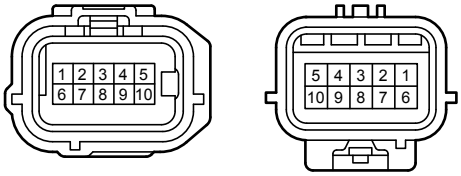
4D
White



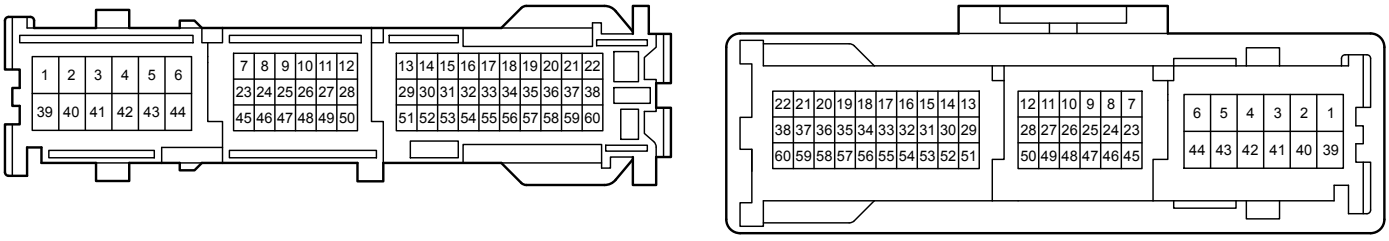
4F
White



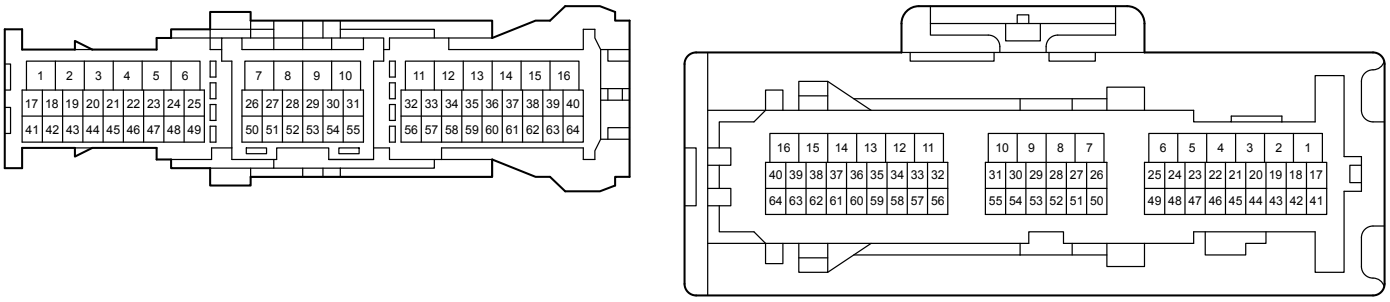
AA1
White



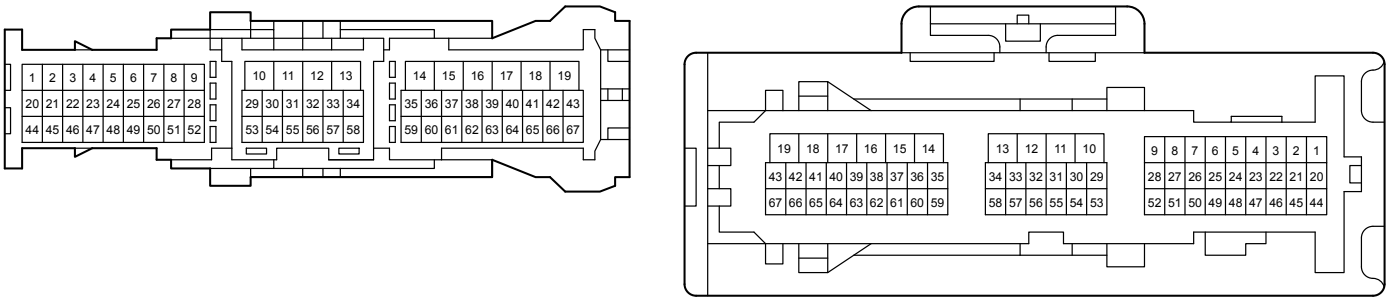
AF2
White



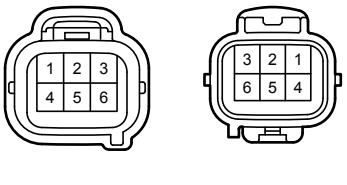
AF4
White



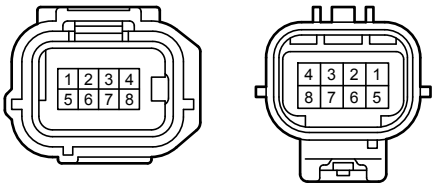
AJ2
White



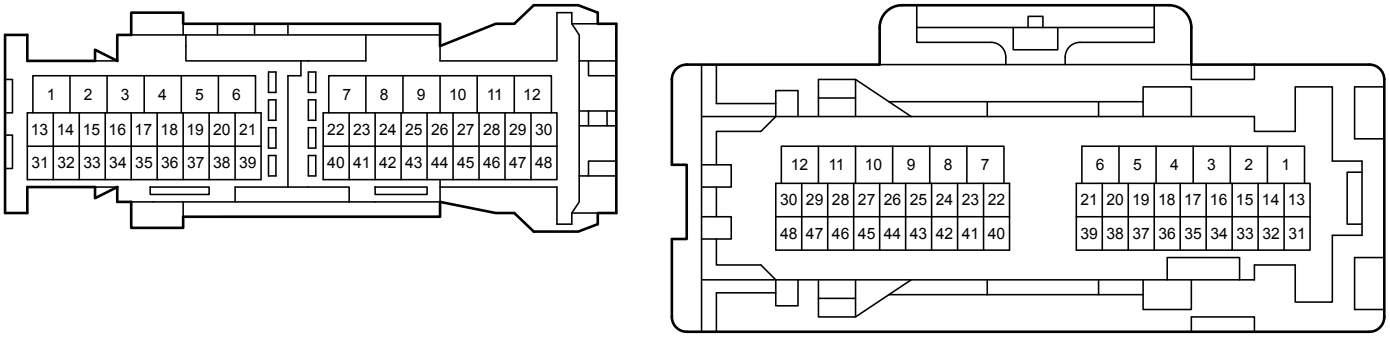
BA8
Black



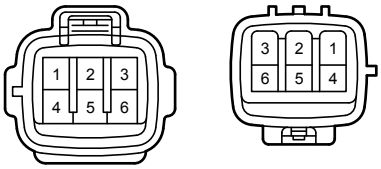
BA9
Gray



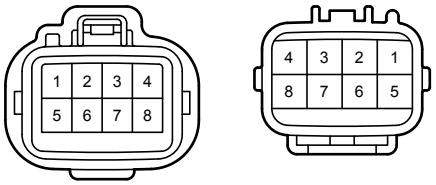
BA10
White



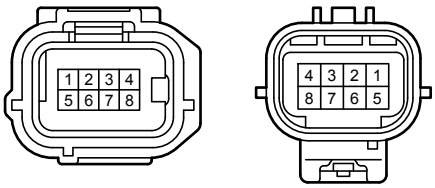
Bh1
Black



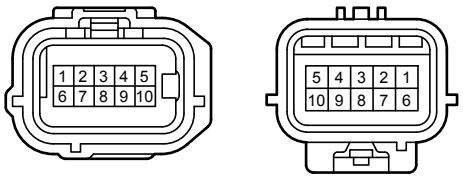
Bi1
Gray



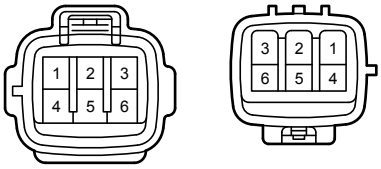
Bj1
Gray



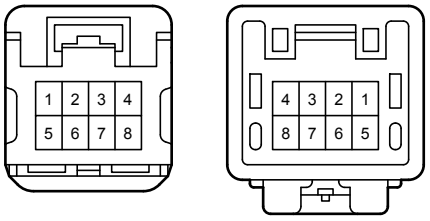
Bj2
Black



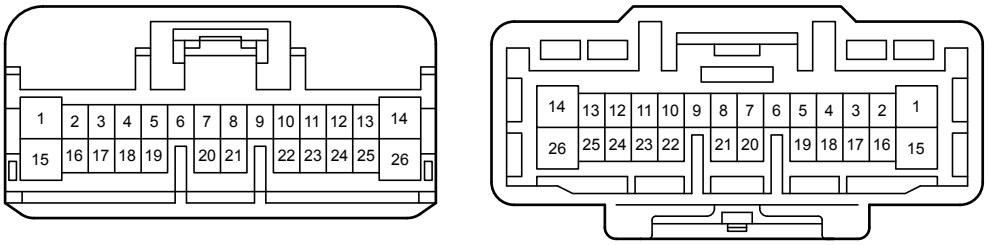
Bk1
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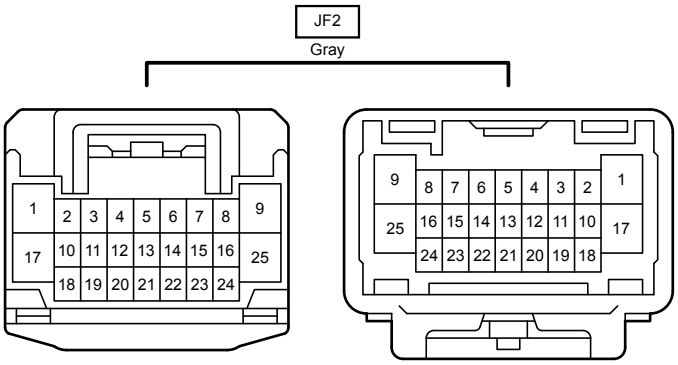


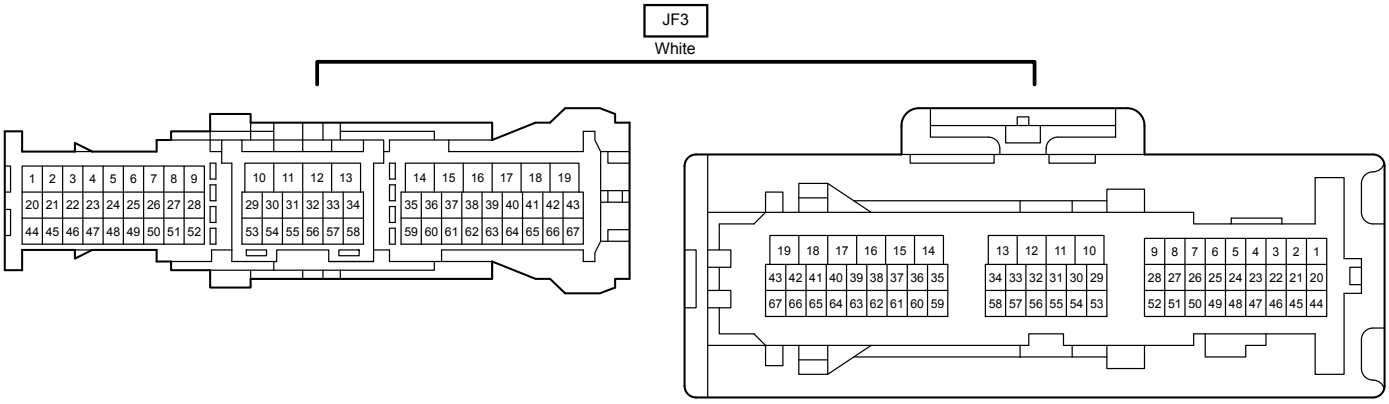
FH1
White



JF1
Blue




JF2
Gray
1 2 3 4 5 6 7 8 9
17 10 11 12 13 14 15 16 25
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18


JF3
White
1 2 3 4 5 6 7 8 9
20 21 22 23 24 25 26 27 28
44 45 46 47 48 49 50 51 52
10 11 12 13
29 30 31 32 33 34
53 54 55 56 57 58
14 15 16 17 18 19
35 36 37 38 39 40 41 42 43
59 60 61 62 63 64 65 66 67
19 18 17 16 15 14
43 42 41 40 39 38 37 36 35
67 66 65 64 63 62 61 60 59
13 12 11 10
34 33 32 31 30 29
58 57 56 55 54 53
9 8 7 6 5 4 3 2 1
28 27 26 25 24 23 22 21 20
52 51 50 49 48 47 46 45 44