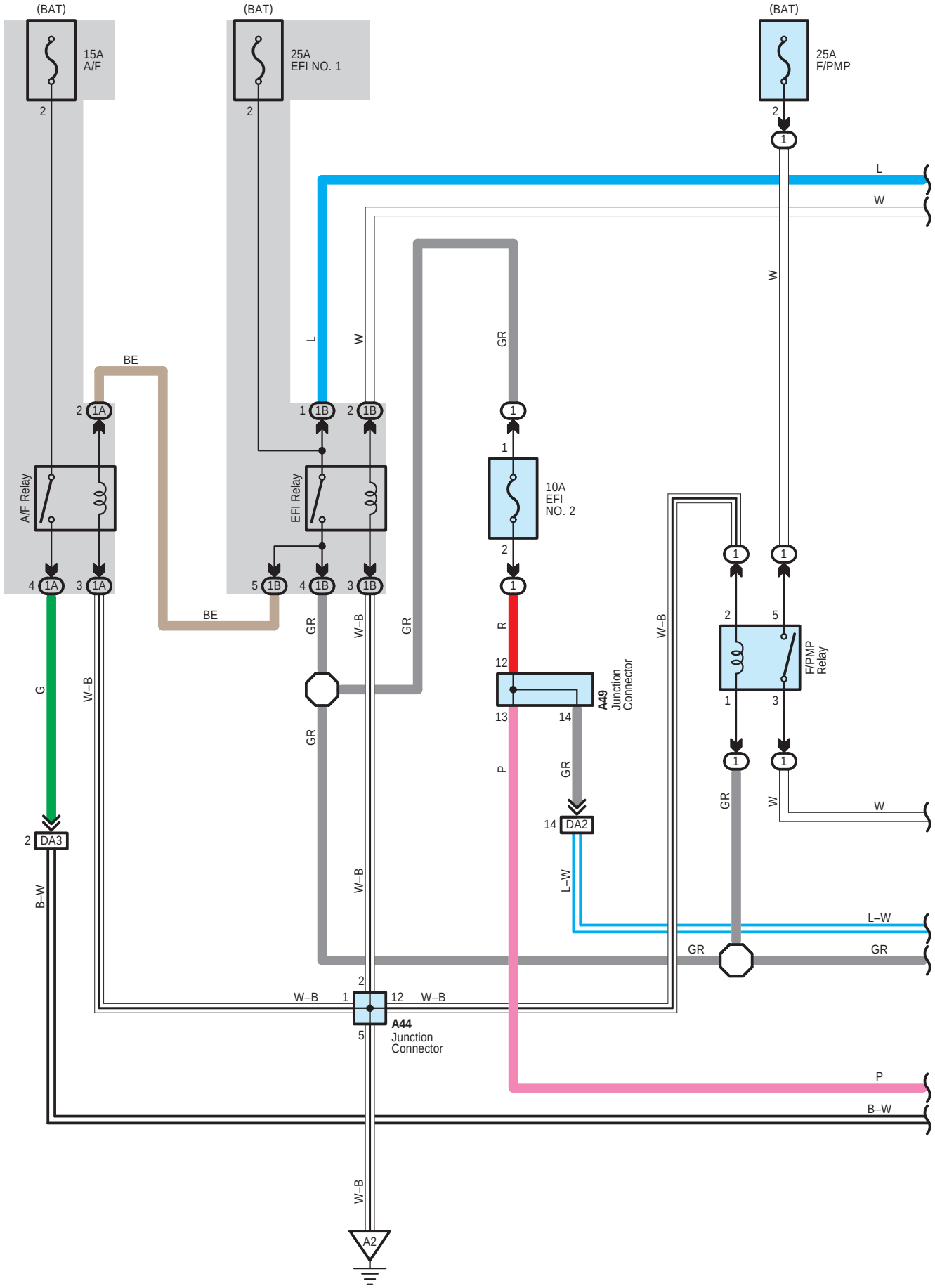
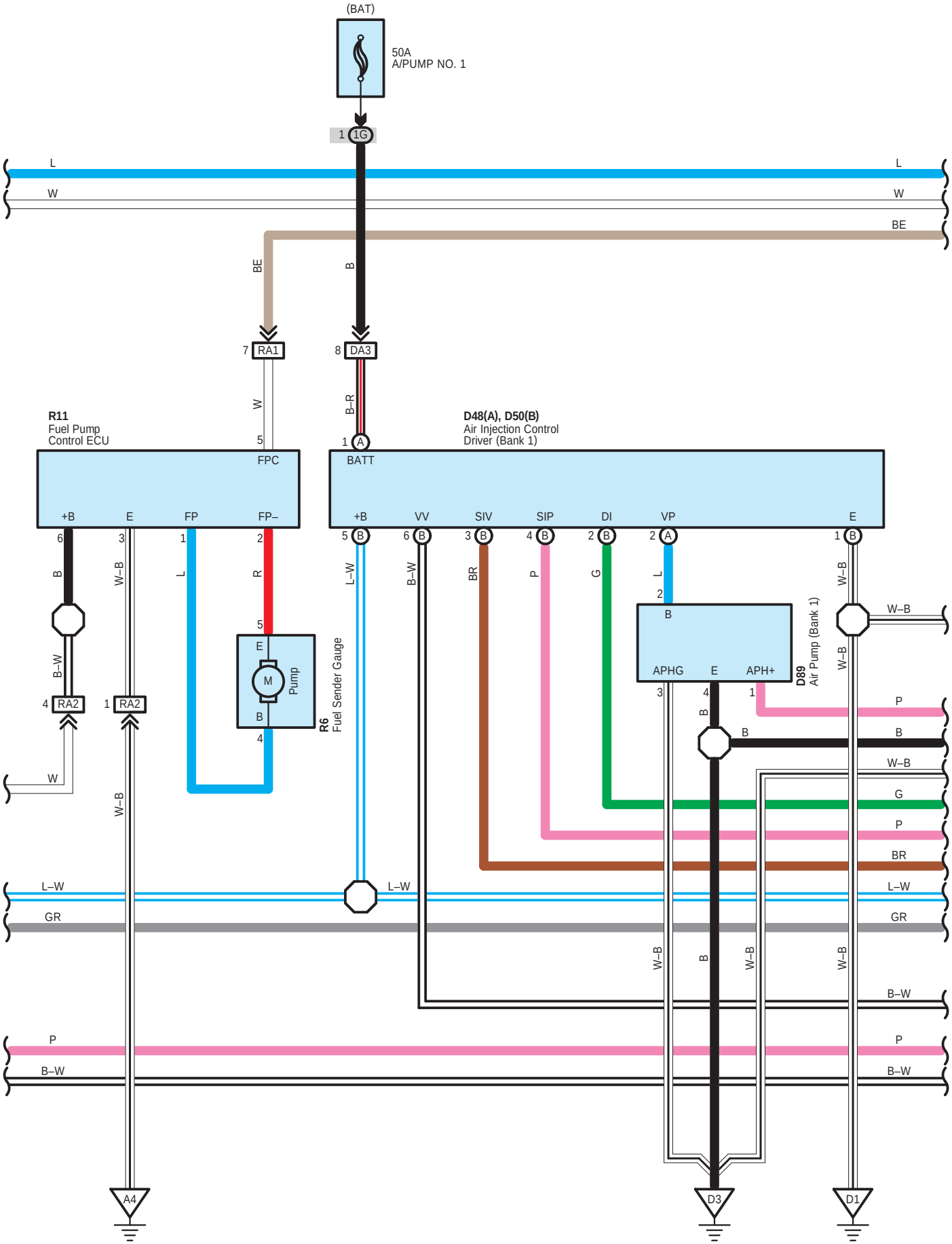
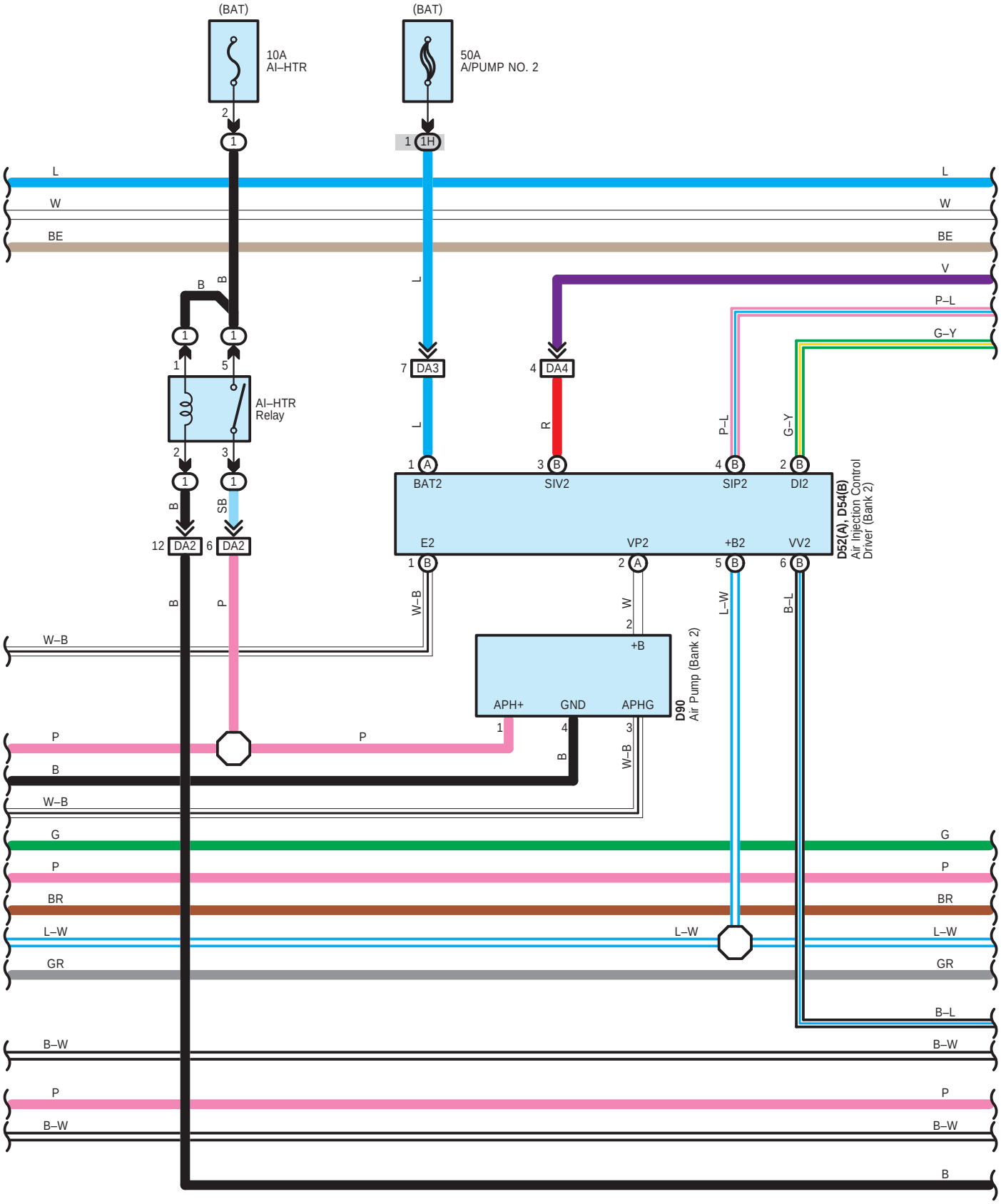
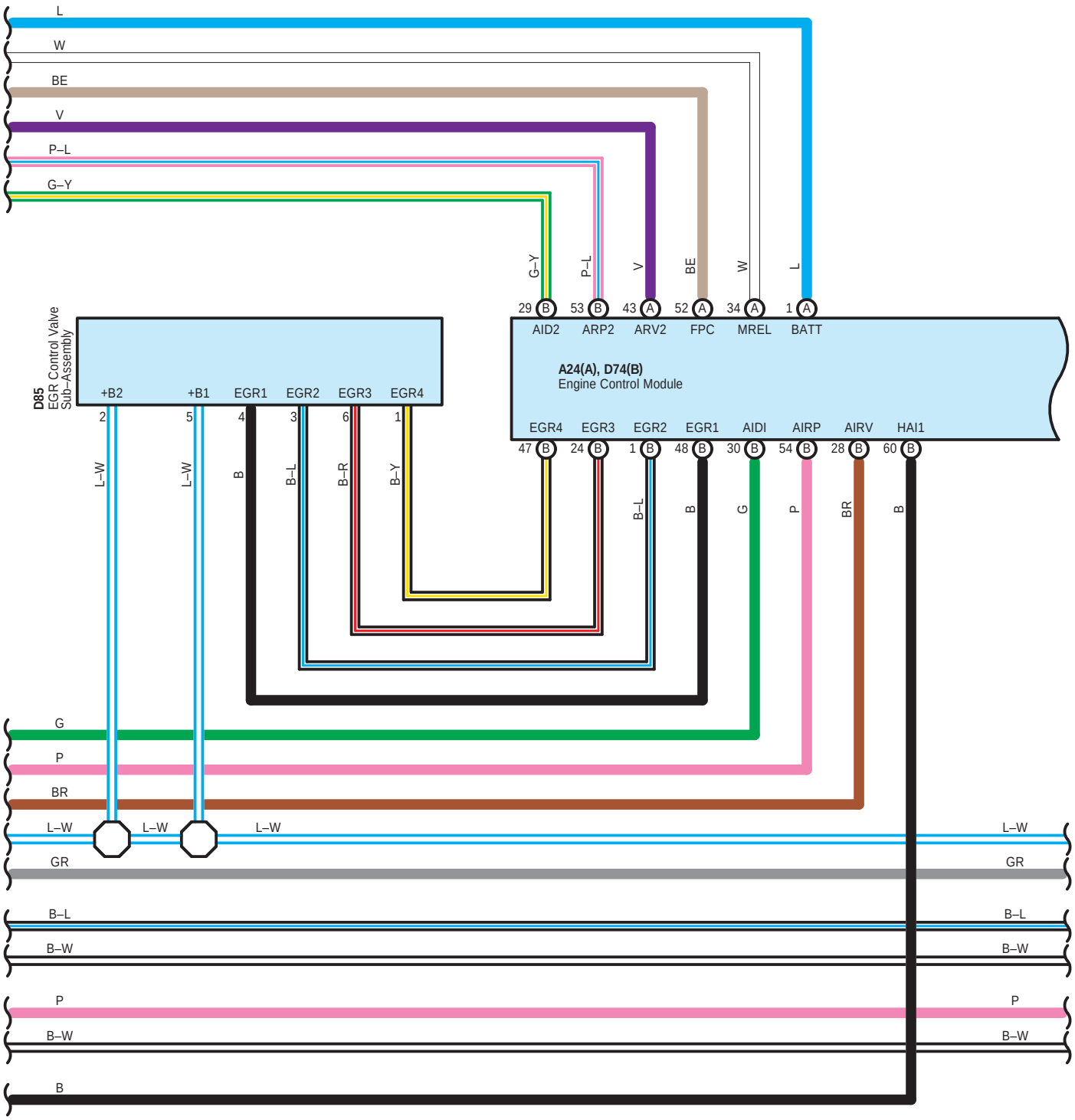
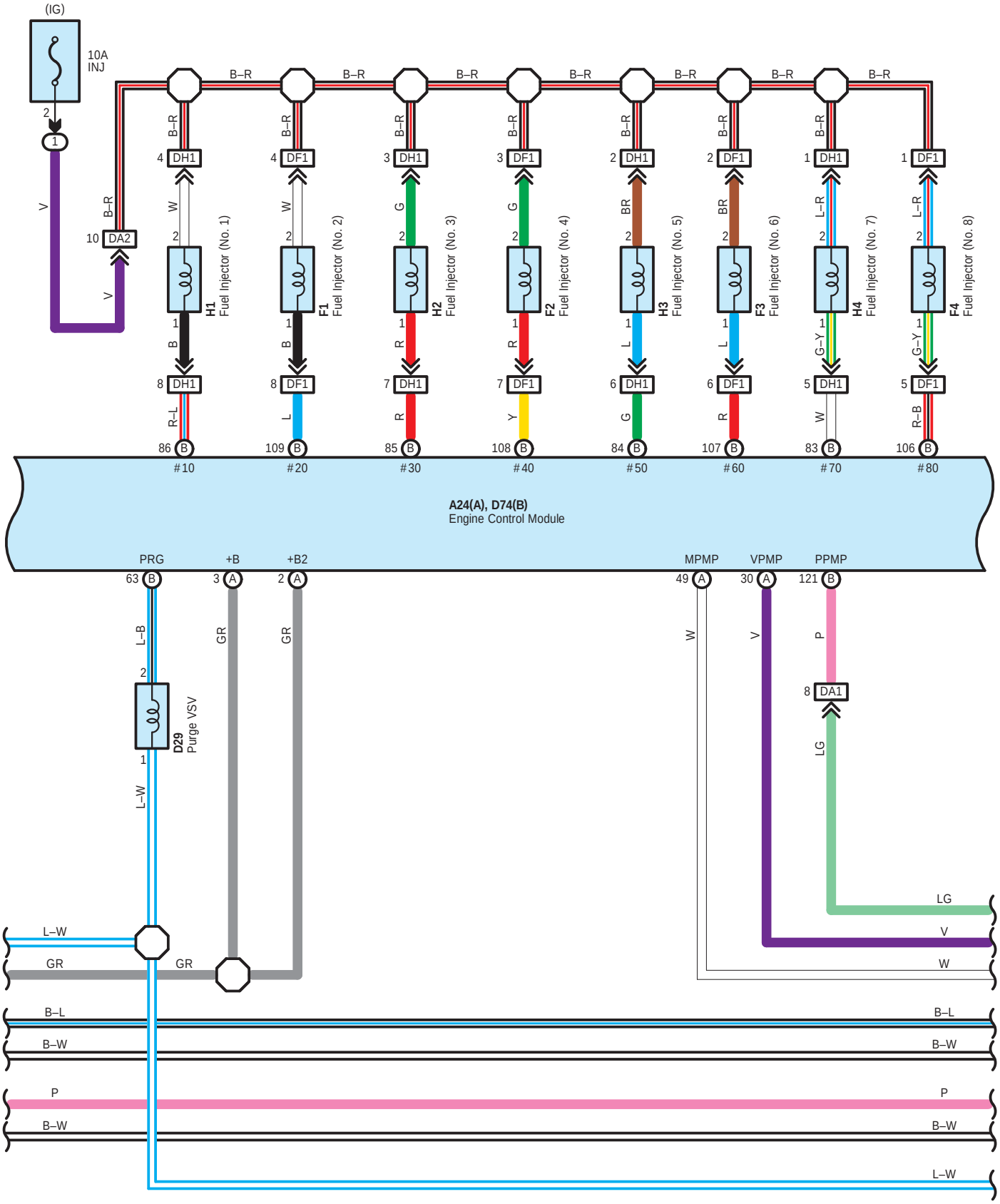
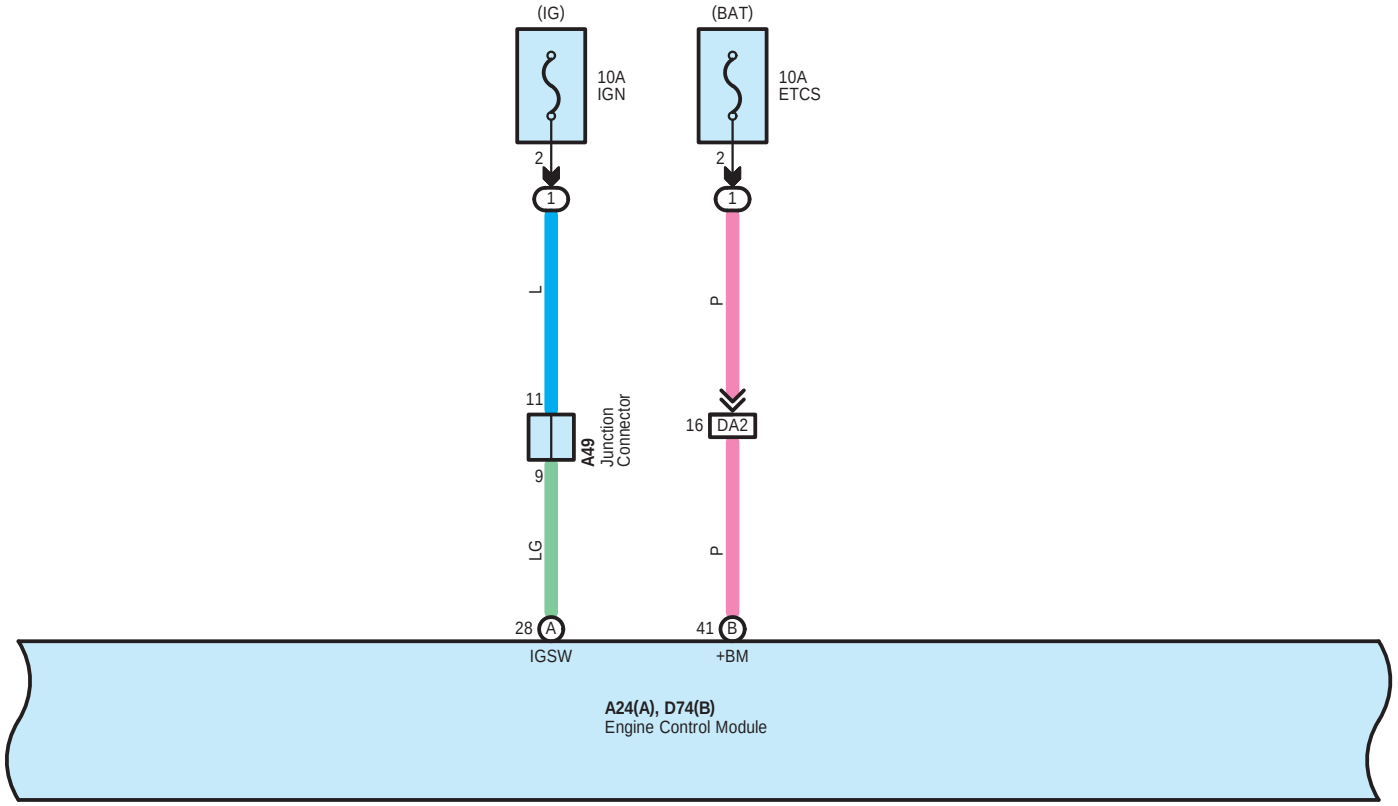

(BAT)
15A
A/F
2
(BAT)
25A
EFI NO. 1
2
(BAT)
25A
F/PMP
2
1
L
W
W
L
W
GR
BE
2 1A
1 1B
2 1B
1
1
10A
EFI
NO. 2
2
A/F Relay
EFI Relay
4 1A
3 1A
5 1B
4 1B
3 1B
1
1
1
1
BE
GR
W–B
GR
R
12
A49
Junction
Connector
W–B
2
5
F/PMP
Relay
G
W–B
GR
13
14
1
3
P
GR
1
1
GR
W
W
2 DA3
14 DA2
B–W
L–W
L–W
GR
GR
2
W–B
1
12
W–B
A44
Junction
Connector
5
P
B–W
W–B
A2

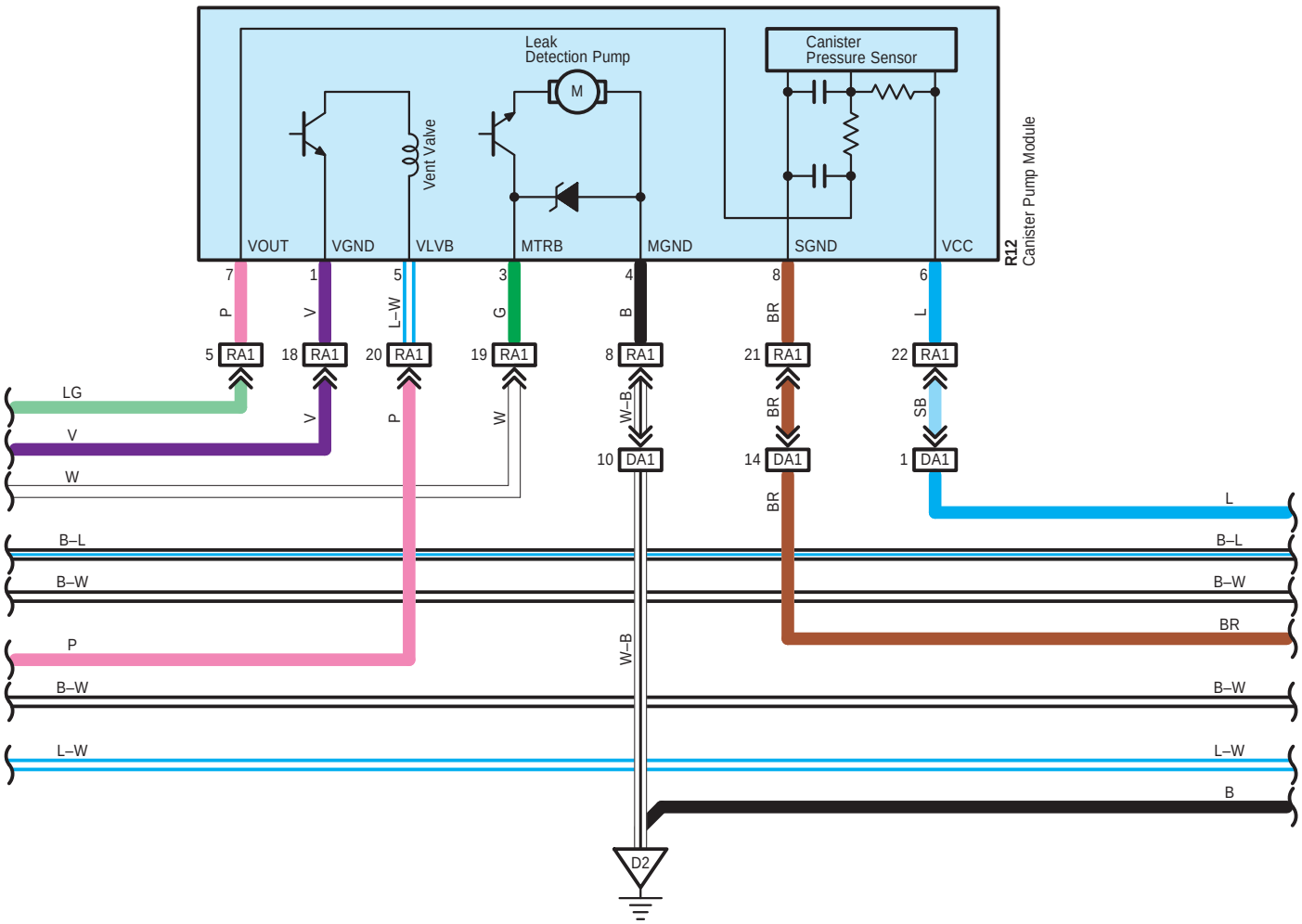

(BAT)
50A
A/PUMP NO. 1
1 1G
L
W
BE
B
7 RA1
8 DA3
W
B–R
R11
Fuel Pump
Control ECU
5
FPC
1 A
D48(A), D50(B)
Air Injection Control
Driver (Bank 1)
BATT
+B
E
FP
FP–
+B
VV
SIV
SIP
DI
VP
E
6
3
1
2
5 B
6 B
3 B
4 B
2 B
2 A
1 B
B
W–B
L
R
L–W
B–W
BR
P
G
L
2
B
W–B
4 RA2
1 RA2
5
E
M
Pump
B
4
R6
Fuel Sender Gauge
APHG
E
APH+
3
4
1
D89
Air Pump (Bank 1)
B
P
G
BR
L–W
GR
B–W
A4
D3
D1


(BAT)
10A
AI–HTR
(BAT)
50A
A/PUMP NO. 2
AI–HTR
Relay
DA2
DA3
DA4
BAT2
SIV2
SIP2
DI2
D52(A), D54(B)
Air Injection Control
Driver (Bank 2)
E2
VP2
+B2
VV2
D90
Air Pump (Bank 2)
+B
APH+
GND
APHG
L
W
BE
V
P–L
G–Y
W–B
P
B
G
BR
L–W
GR
B–L
B–W

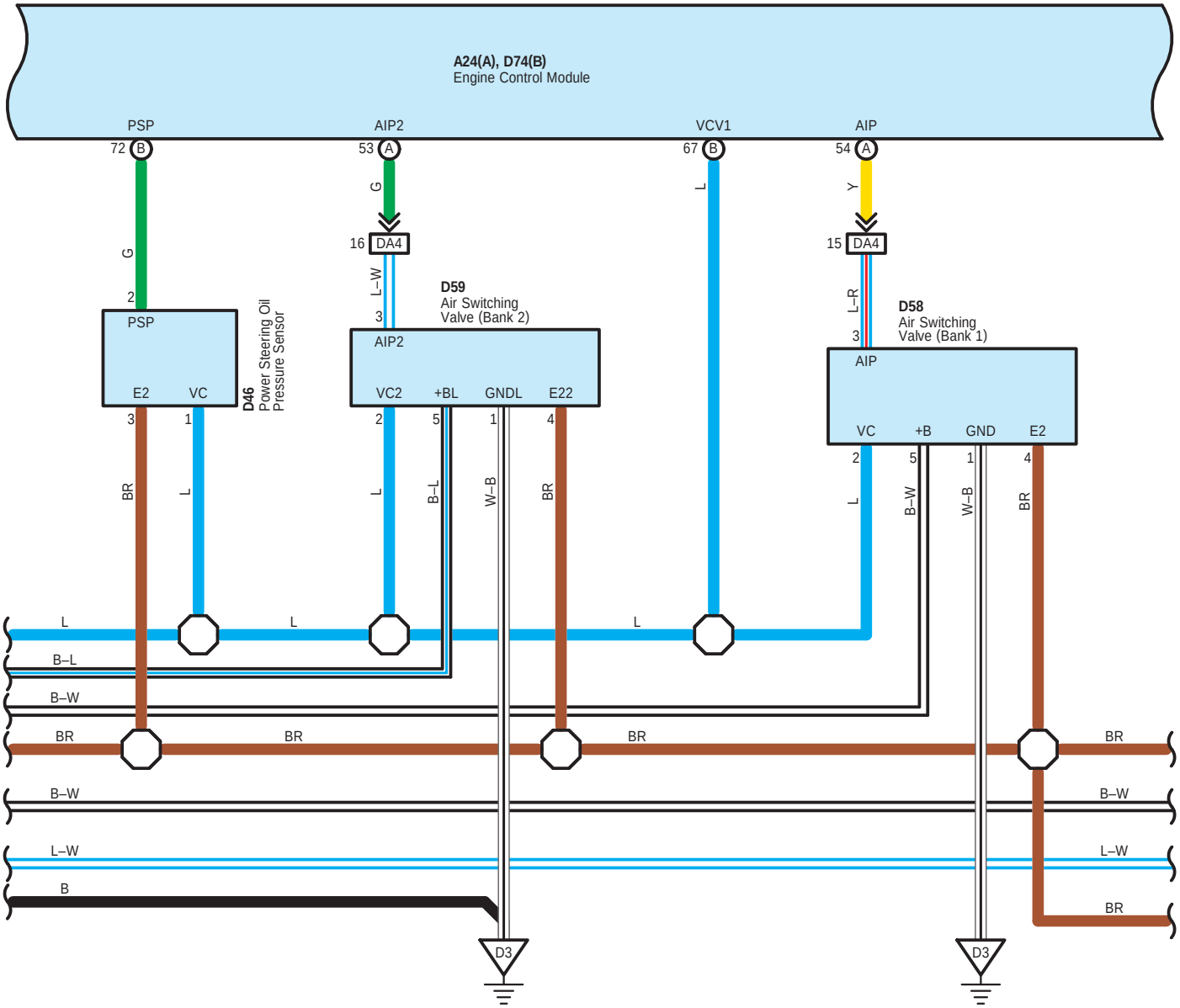

L
W
BE
V
P–L
G–Y
G–Y
P–L
V
BE
W
L
29 B
53 B
43 A
52 A
34 A
1 A
AID2
ARP2
ARV2
FPC
MREL
BATT
A24(A), D74(B)
Engine Control Module
EGR4
EGR3
EGR2
EGR1
AIDI
AIRP
AIRV
HAI1
47 B
24 B
1 B
48 B
30 B
54 B
28 B
60 B
D85
EGR Control Valve
Sub–Assembly
+B2
+B1
EGR1
EGR2
EGR3
EGR4
2
5
4
3
6
1
L–W
L–W
B
B–L
B–R
B–Y
B–L
B
G
P
BR
B
G
P
BR
L–W
L–W
L–W
L–W
GR
GR
B–L
B–L
B–W
B–W
P
P
B–W
B–W
B

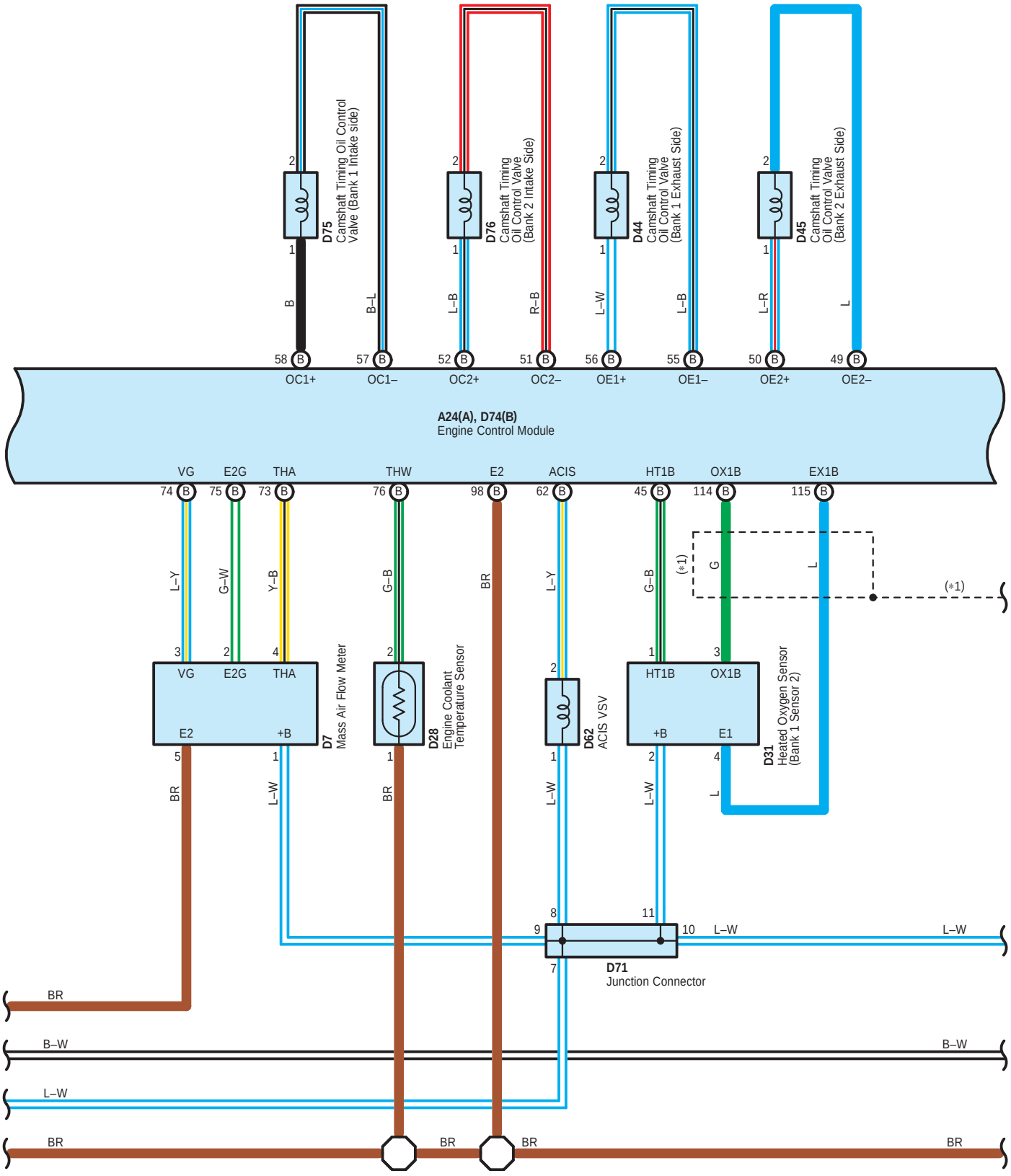

(IG)
10A
INJ
2
1
V
B–R
10 DA2
4 DH1
4 DF1
3 DH1
3 DF1
2 DH1
2 DF1
1 DH1
1 DF1
W
G
BR
L–R
2
H1 Fuel Injector (No. 1)
F1 Fuel Injector (No. 2)
H2 Fuel Injector (No. 3)
F2 Fuel Injector (No. 4)
H3 Fuel Injector (No. 5)
F3 Fuel Injector (No. 6)
H4 Fuel Injector (No. 7)
F4 Fuel Injector (No. 8)
1
B
R
L
G–Y
R–B
8 DH1
8 DF1
7 DH1
7 DF1
6 DH1
6 DF1
5 DH1
5 DF1
R–L
L
Y
G
W
86 B
109 B
85 B
108 B
84 B
107 B
83 B
106 B
#10
#20
#30
#40
#50
#60
#70
#80
A24(A), D74(B)
Engine Control Module
PRG
+B
+B2
MPMP
VPMP
PPMP
63 B
3 A
2 A
49 A
30 A
121 B
L–B
GR
W
V
P
2
D29
Purge VSV
1
L–W
8 DA1
LG
L–W
GR
GR
LG
V
W
B–L
B–W
P
B–W
B–L
B–W
P
B–W
L–W

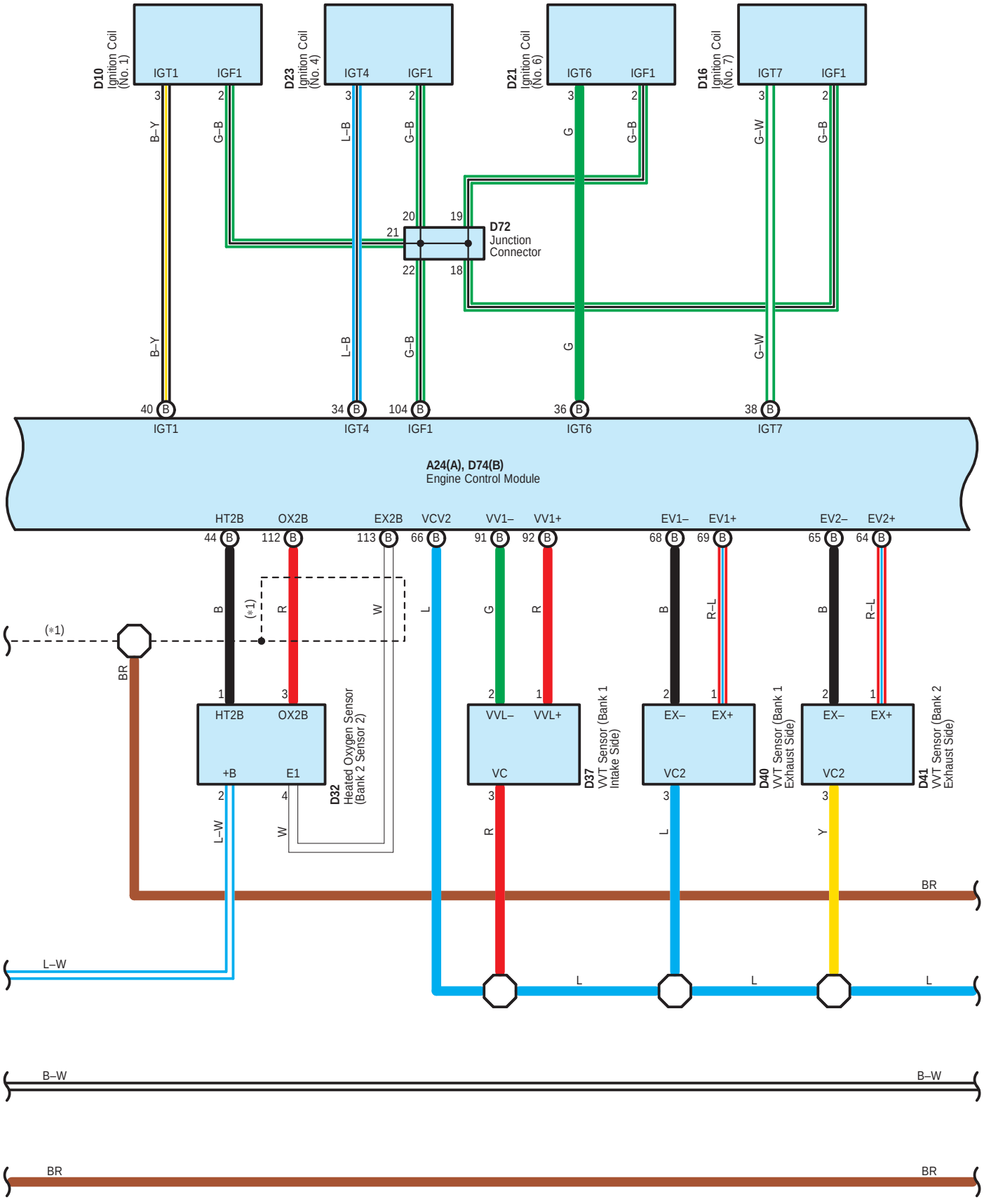

(IG)
10A
IGN
(BAT)
10A
ETCS
2
1
L
P
11
A49
Junction
Connector
9
16
DA2
LG
P
28
A
41
B
IGSW
+BM
A24(A), D74(B)
Engine Control Module

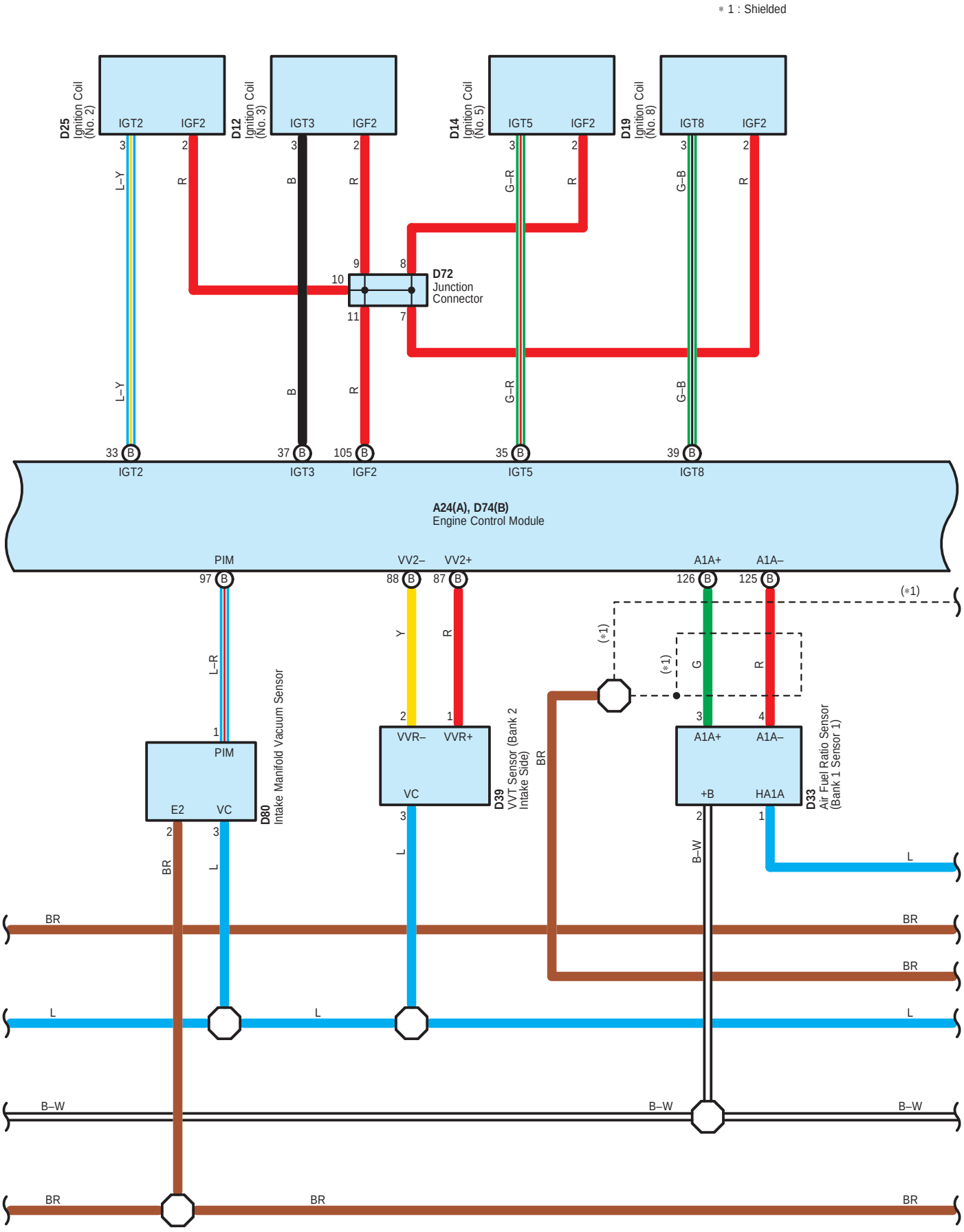

Leak
Detection Pump
M
Vent Valve
Canister
Pressure Sensor
VOUT
VGND
VLVB
MTRB
MGND
SGND
VCC
R12
Canister Pump Module
7
1
5
3
4
8
6
P
V
L–W
G
B
BR
L
5
RA1
18
RA1
20
RA1
19
RA1
8
RA1
21
RA1
22
RA1
LG
V
W
P
W
W–B
BR
SB
10
DA1
14
DA1
1
DA1
B–L
B–W
P
B–W
L–W
W–B
BR
L
B–L
B–W
B–W
L–W
B
D2

* 1 : Shielded

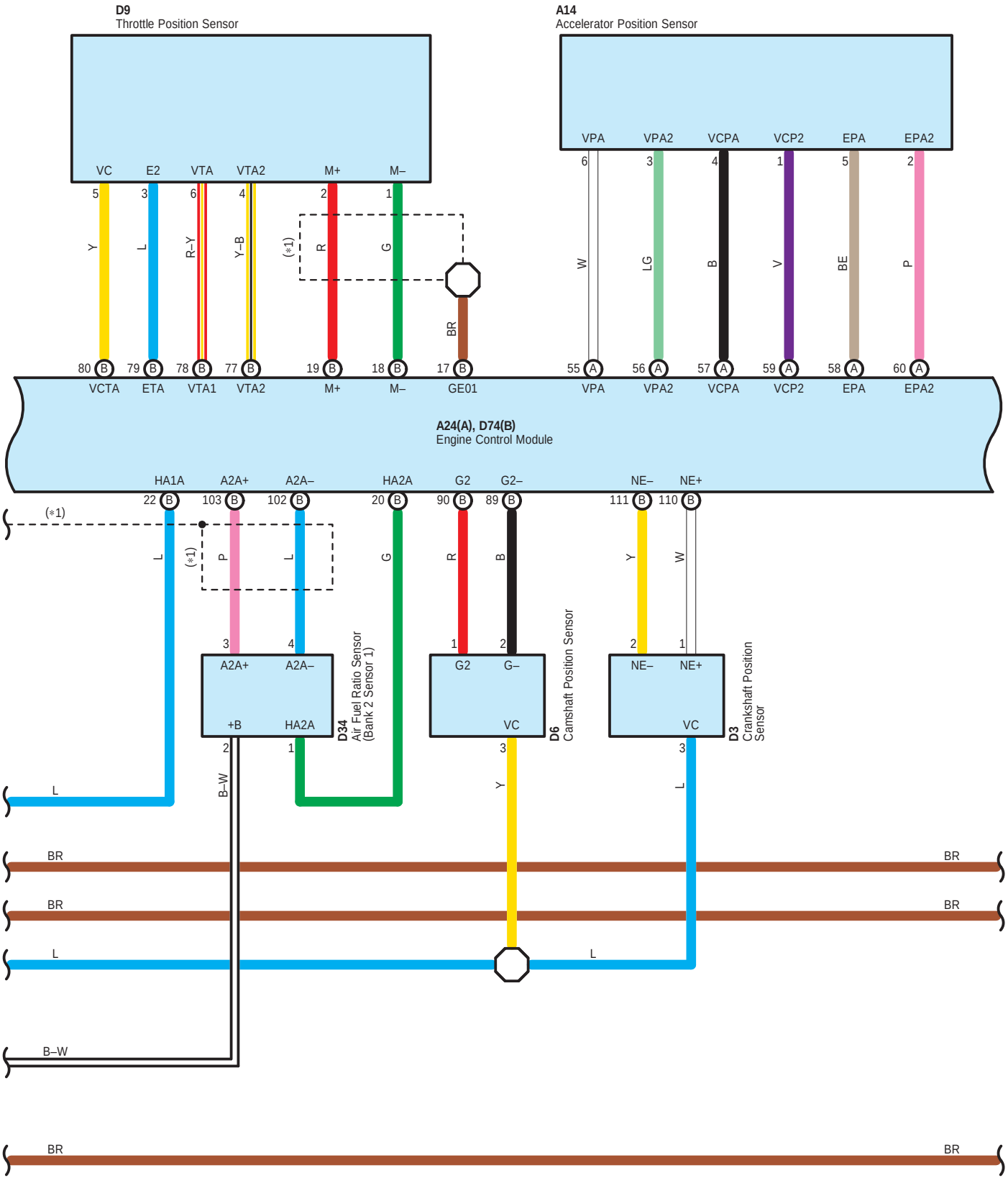

A24(A), D74(B)
Engine Control Module
PSP
AIP2
VCV1
AIP
72 B
53 A
67 B
54 A
G
G
L
Y
16 DA4
15 DA4
L–W
L–R
2
3
3
D59
Air Switching
Valve (Bank 2)
D58
Air Switching
Valve (Bank 1)
PSP
AIP2
AIP
E2
VC
VC2
+BL
GNDL
E22
VC
+B
GND
E2
D46
Power Steering Oil
Pressure Sensor
3
1
2
5
1
4
2
5
1
4
BR
L
L
B–L
W–B
BR
L
B–W
W–B
BR
L
L
L
B–L
B–W
BR
BR
BR
BR
B–W
B–W
L–W
L–W
B
BR
D3
D3

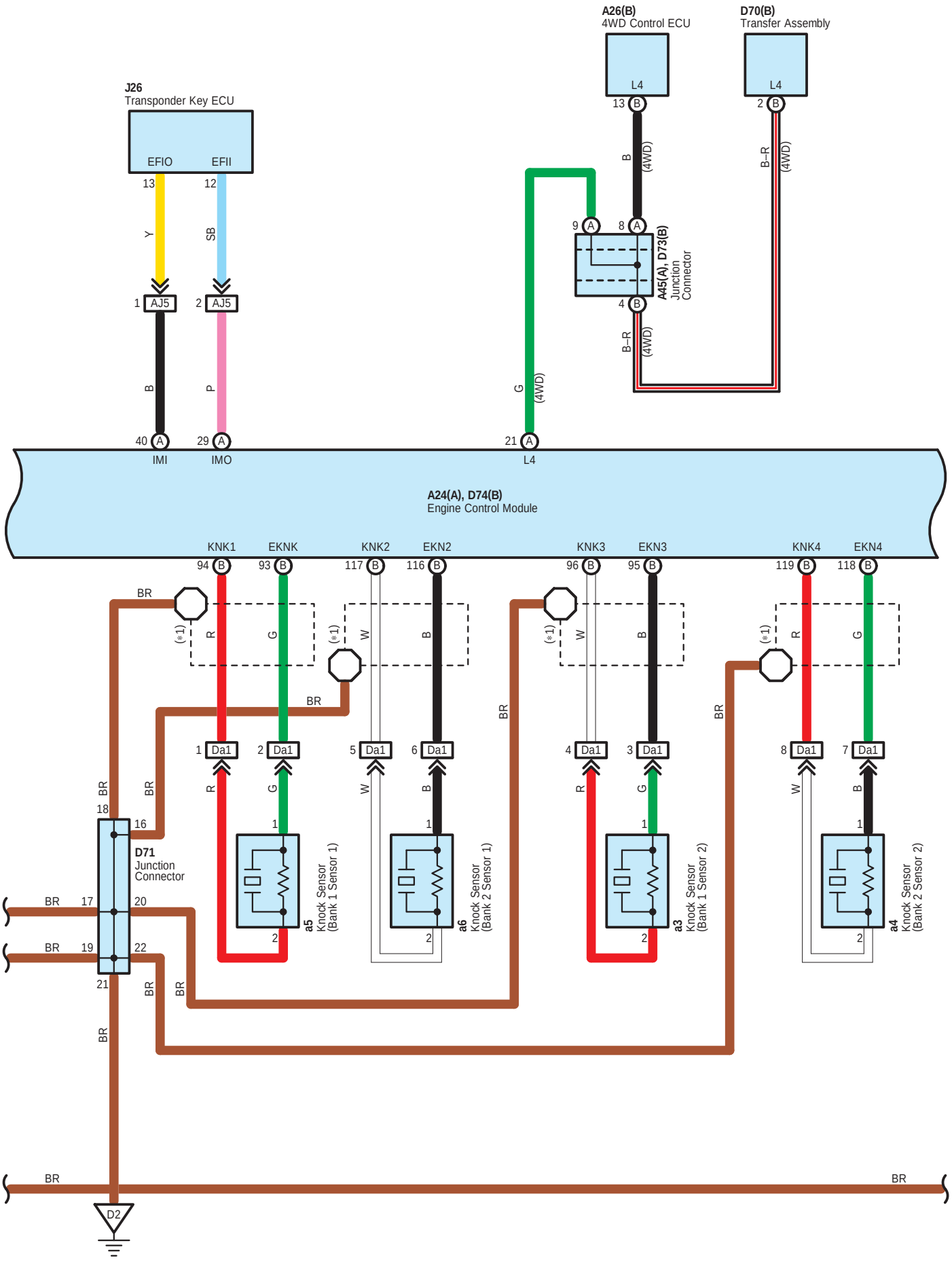

D75
Camshaft Timing Oil Control Valve (Bank 1 Intake side)
D76
Camshaft Timing Oil Control Valve (Bank 2 Intake Side)
D44
Camshaft Timing Oil Control Valve (Bank 1 Exhaust Side)
D45
Camshaft Timing Oil Control Valve (Bank 2 Exhaust Side)
B
B–L
L–B
R–B
L–W
L–B
L–R
L
58 OC1+
57 OC1–
52 OC2+
51 OC2–
56 OE1+
55 OE1–
50 OE2+
49 OE2–
A24(A), D74(B)
Engine Control Module
VG
E2G
THA
THW
E2
ACIS
HT1B
OX1B
EX1B
74
75
73
76
98
62
45
114
115
L–Y
G–W
Y–B
G–B
BR
L–Y
G–B
G
L
(*1)
D7
Mass Air Flow Meter
D28
Engine Coolant Temperature Sensor
D62
ACIS VSV
D31
Heated Oxygen Sensor (Bank 1 Sensor 2)
D71
Junction Connector
L–W
B–W
BR

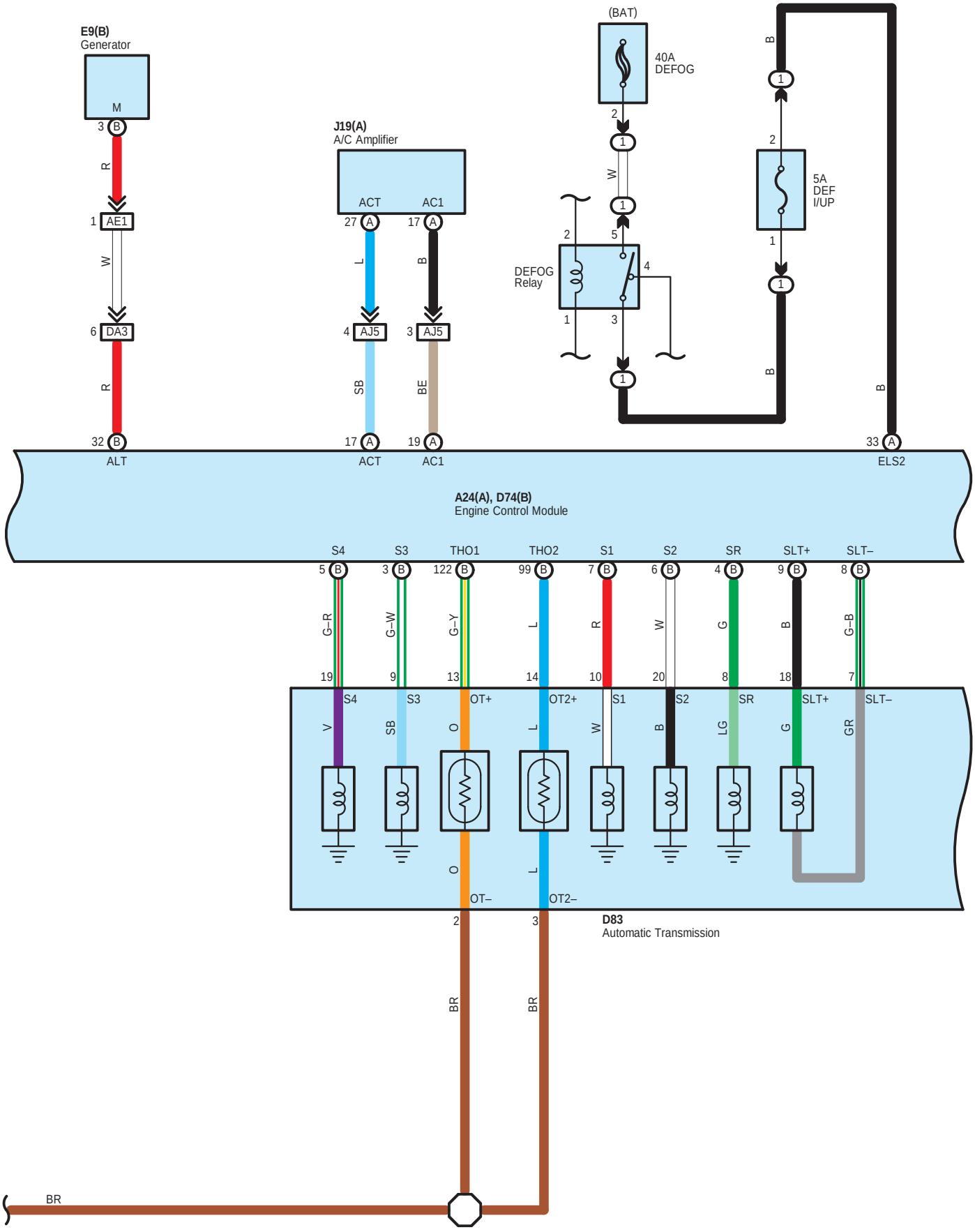

D10 Ignition Coil (No. 1)
IGT1
IGF1
D23 Ignition Coil (No. 4)
IGT4
IGF1
D21 Ignition Coil (No. 6)
IGT6
IGF1
D16 Ignition Coil (No. 7)
IGT7
IGF1
D72 Junction Connector
A24(A), D74(B) Engine Control Module
IGT1
IGT4
IGF1
IGT6
IGT7
HT2B
OX2B
EX2B
VCV2
VV1–
VV1+
EV1–
EV1+
EV2–
EV2+
D32 Heated Oxygen Sensor (Bank 2 Sensor 2)
D37 VVT Sensor (Bank 1 Intake Side)
D40 VVT Sensor (Bank 1 Exhaust Side)
D41 VVT Sensor (Bank 2 Exhaust Side)
(*1)
BR
L–W
B–W
BR

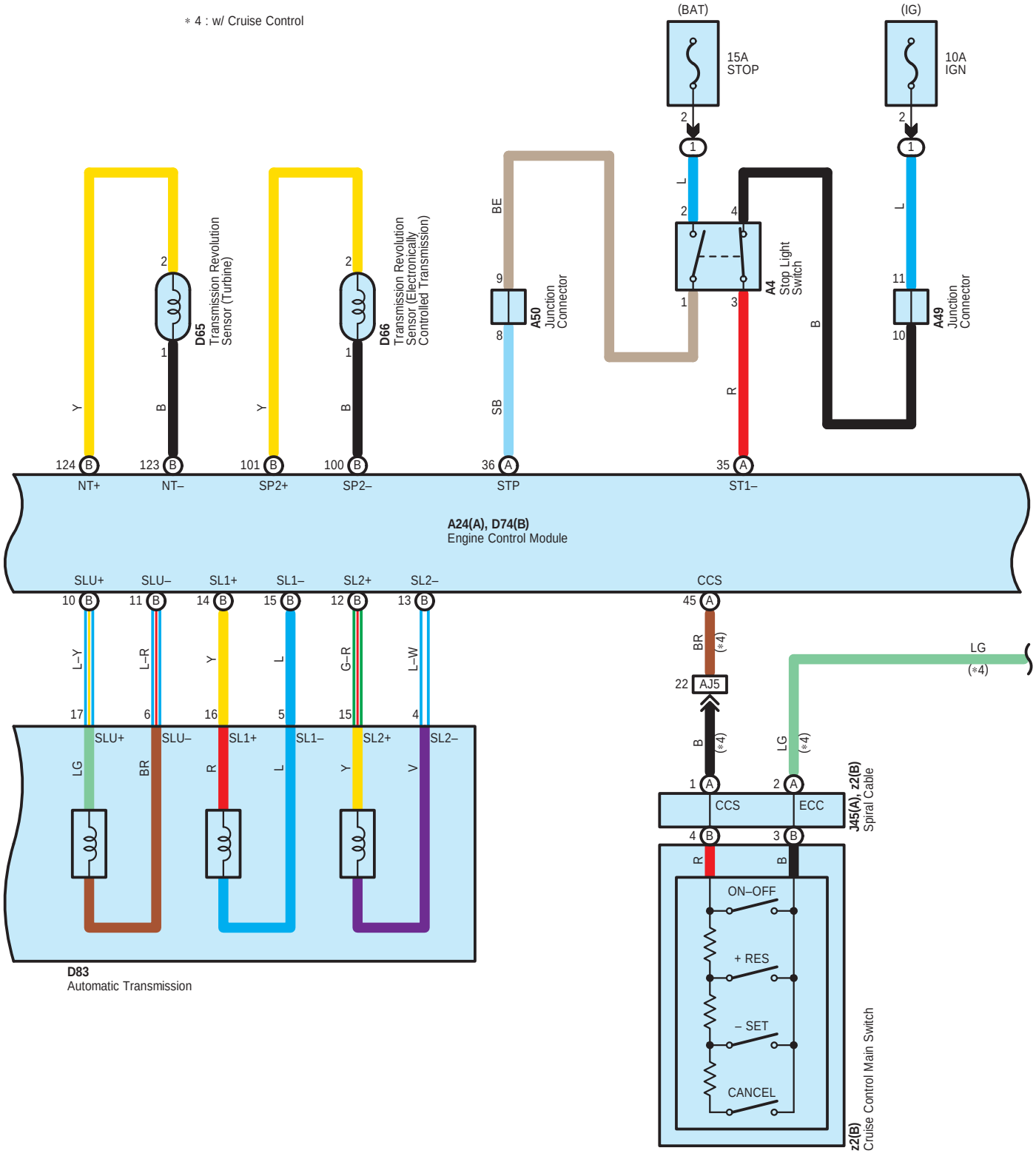

∗1 : Shielded
D25 Ignition Coil (No. 2)
IGT2
IGF2
D12 Ignition Coil (No. 3)
IGT3
IGF2
D14 Ignition Coil (No. 5)
IGT5
IGF2
D19 Ignition Coil (No. 8)
IGT8
IGF2
D72 Junction Connector
A24(A), D74(B) Engine Control Module
PIM
VV2–
VV2+
A1A+
A1A–
D80 Intake Manifold Vacuum Sensor
D39 VVT Sensor (Bank 2 Intake Side)
D33 Air Fuel Ratio Sensor (Bank 1 Sensor 1)
(∗1)

* 1 : Shielded

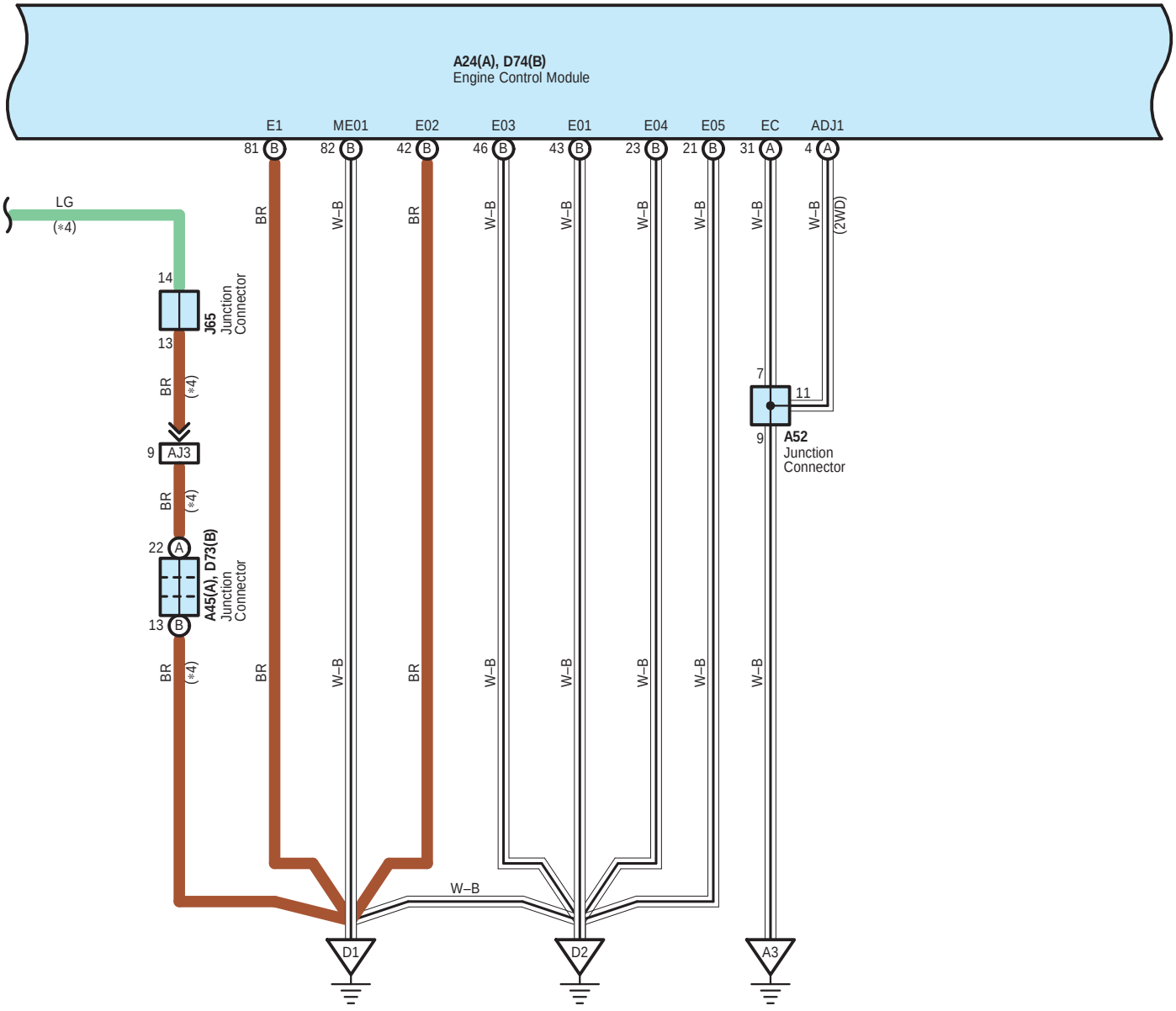

D9
Throttle Position Sensor
A14
Accelerator Position Sensor
VC
E2
VTA
VTA2
M+
M–
VPA
VPA2
VCPA
VCP2
EPA
EPA2
VCTA
ETA
VTA1
VTA2
M+
M–
GE01
VPA
VPA2
VCPA
VCP2
EPA
EPA2
A24(A), D74(B)
Engine Control Module
HA1A
A2A+
A2A–
HA2A
G2
G2–
NE–
NE+
D34
Air Fuel Ratio Sensor
(Bank 2 Sensor 1)
D6
Camshaft Position Sensor
D3
Crankshaft Position
Sensor
+B
HA2A
G2
G–
VC
NE–
NE+
BR
L
B–W

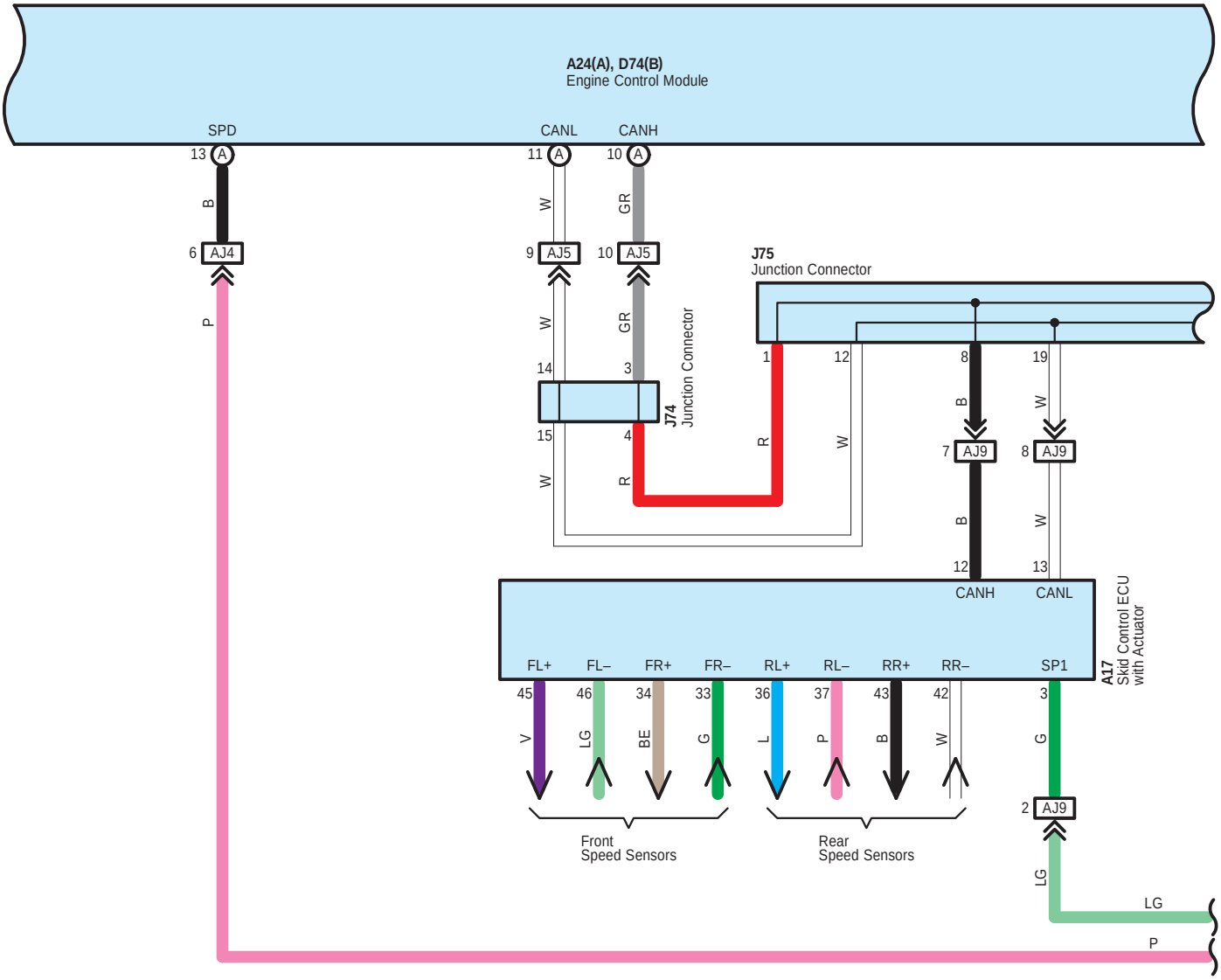

A26(B)
4WD Control ECU
D70(B)
Transfer Assembly
J26
Transponder Key ECU
EFIO
EFII
L4
A45(A), D73(B)
Junction Connector
IMI
IMO
A24(A), D74(B)
Engine Control Module
KNK1
EKNK
KNK2
EKN2
KNK3
EKN3
KNK4
EKN4
D71
Junction Connector
a5
Knock Sensor (Bank 1 Sensor 1)
a6
Knock Sensor (Bank 2 Sensor 1)
a3
Knock Sensor (Bank 1 Sensor 2)
a4
Knock Sensor (Bank 2 Sensor 2)
(4WD)
(*1)
D2

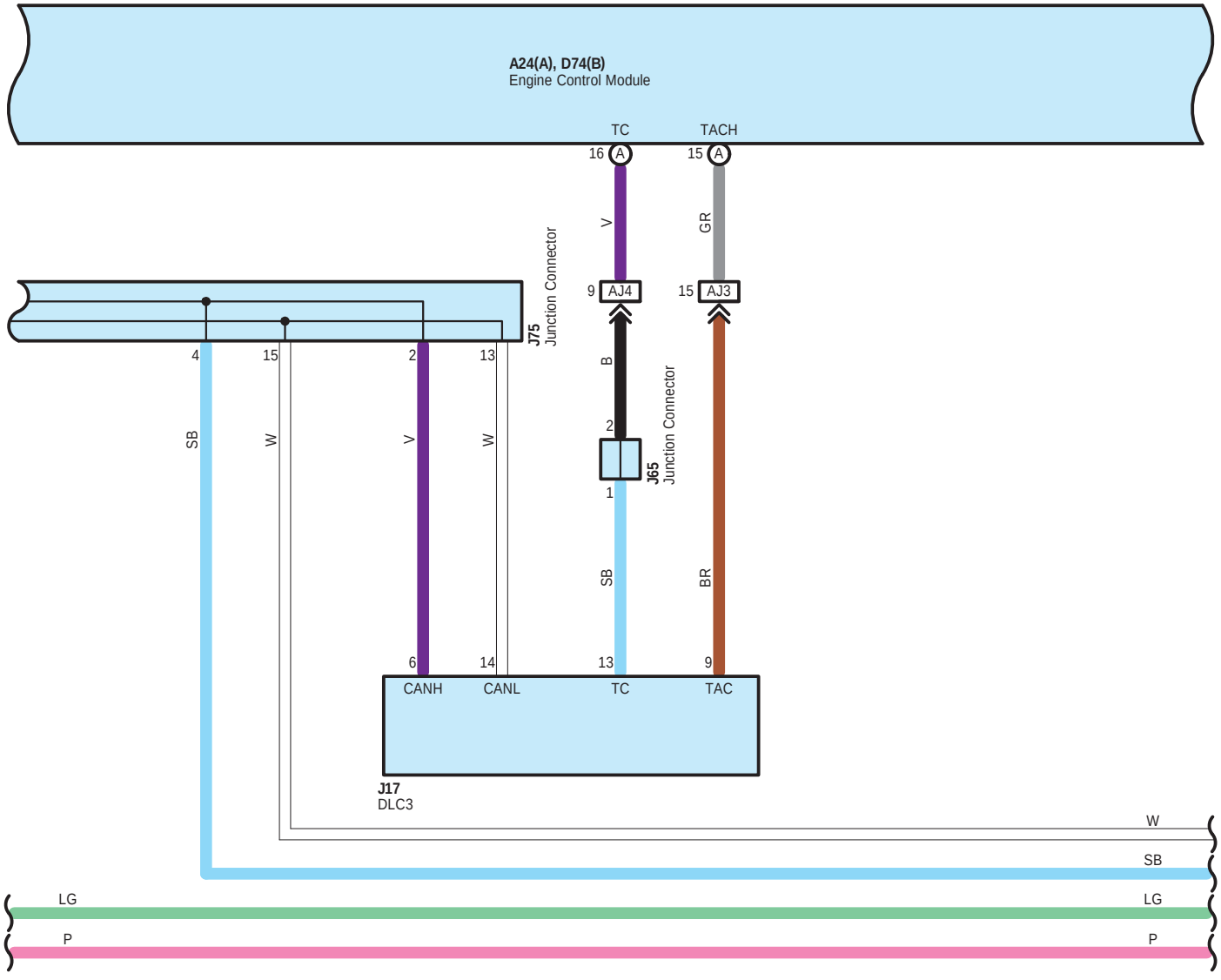

E9(B)
Generator
M
3 B
R
1 AE1
W
6 DA3
R
32 B
ALT
J19(A)
A/C Amplifier
ACT
AC1
27 A
17 A
L
B
4 AJ5
3 AJ5
SB
BE
17 A
19 A
ACT
AC1
(BAT)
40A
DEFOG
2
1
W
1
2
5
4
DEFOG
Relay
1
3
1
B
1
2
5A
DEF
I/UP
1
1
B
B
33 A
ELS2
A24(A), D74(B)
Engine Control Module
S4
S3
THO1
THO2
S1
S2
SR
SLT+
SLT–
5 B
3 B
122 B
99 B
7 B
6 B
4 B
9 B
8 B
G–R
G–W
G–Y
L
R
W
G
B
G–B
19
9
13
14
10
20
8
18
7
S4
S3
OT+
OT2+
S1
S2
SR
SLT+
SLT–
V
SB
O
L
W
B
LG
G
GR
O
L
OT–
OT2–
2
3
D83
Automatic Transmission
BR
BR
BR


* 4 : w/ Cruise Control
(BAT)
15A
STOP
(IG)
10A
IGN
D65
Transmission Revolution
Sensor (Turbine)
D66
Transmission Revolution
Sensor (Electronically
Controlled Transmission)
A50
Junction
Connector
A4
Stop Light
Switch
A49
Junction
Connector
124 NT+
123 NT–
101 SP2+
100 SP2–
36 STP
35 ST1–
A24(A), D74(B)
Engine Control Module
SLU+
SLU–
SL1+
SL1–
SL2+
SL2–
CCS
D83
Automatic Transmission
J45(A), z2(B)
Spiral Cable
z2(B)
Cruise Control Main Switch
ON–OFF
+ RES
– SET
CANCEL
AJ5
LG
(*4)

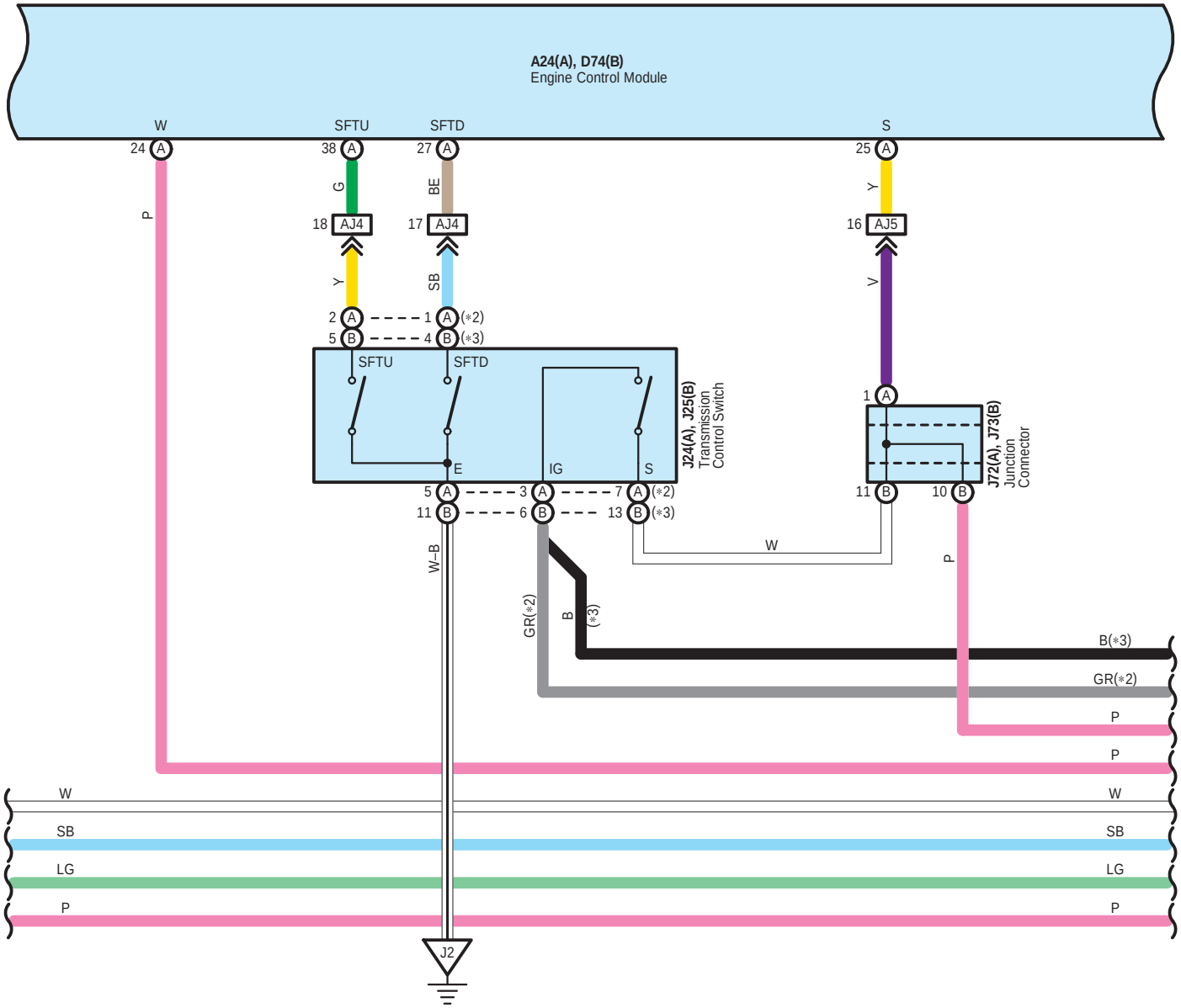
∗ 4 : w/ Cruise Control

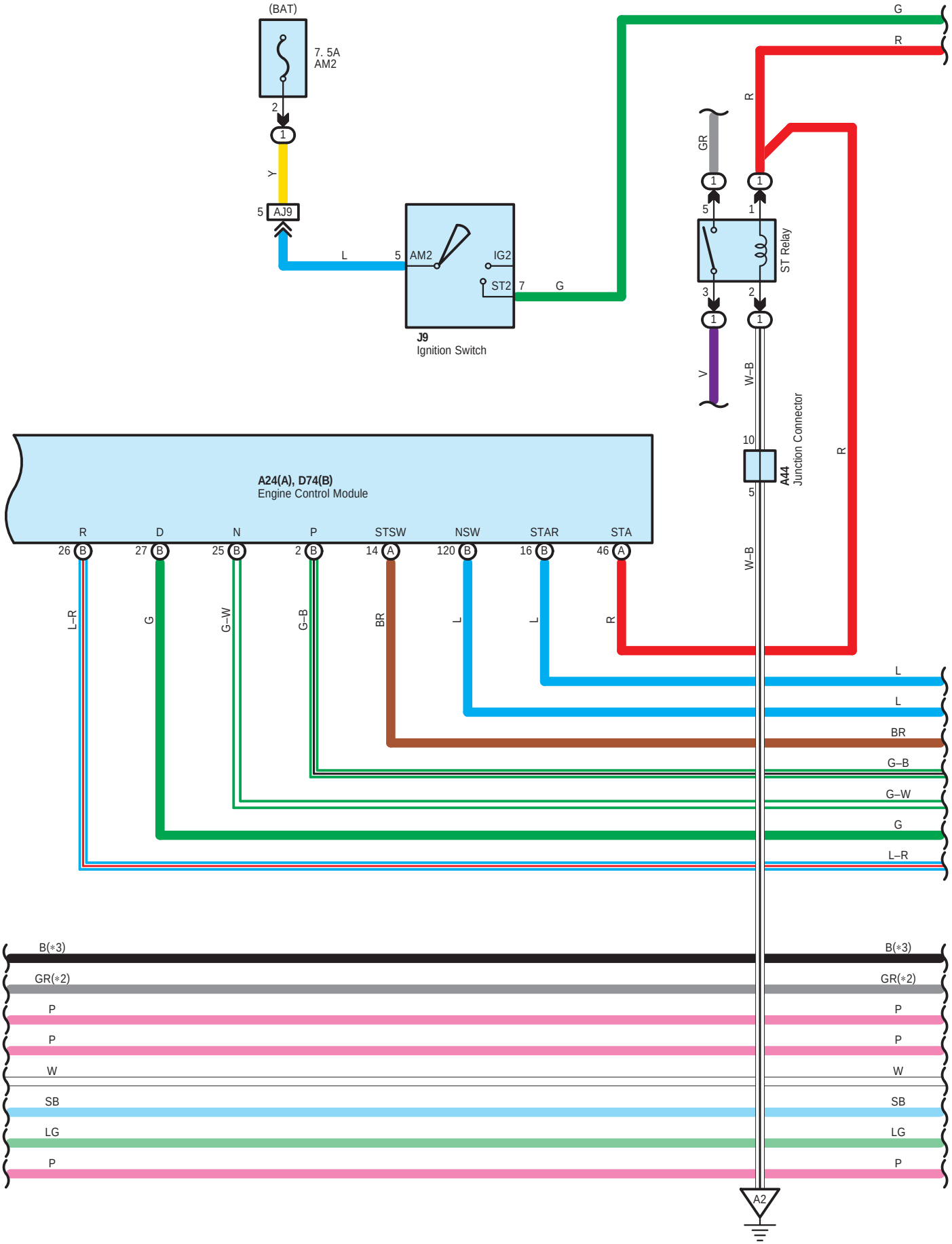


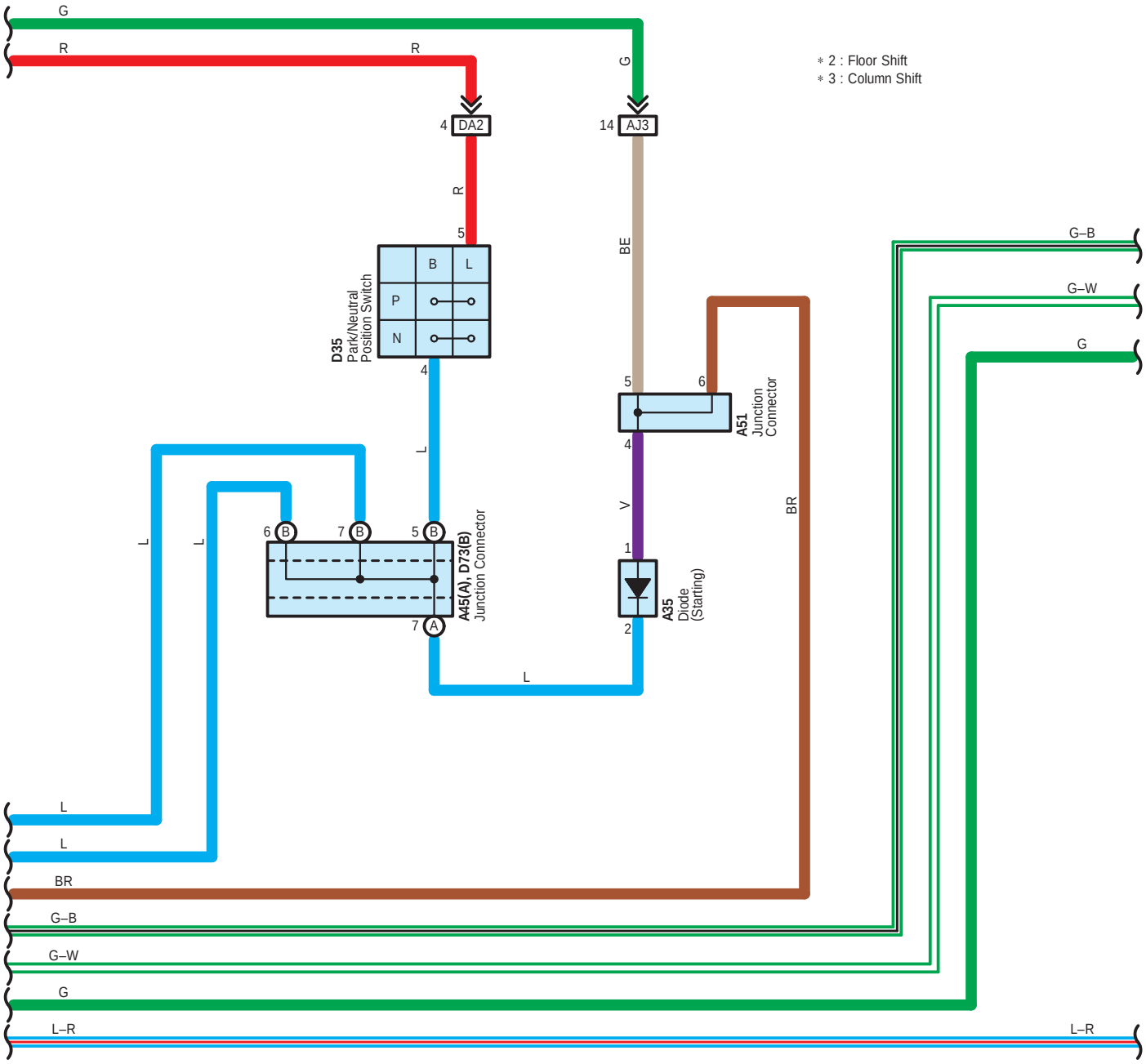

A24(A), D74(B)
Engine Control Module
SPD
CANL
CANH
13 A
11 A
10 A
B
W
GR
6 AJ4
9 AJ5
10 AJ5
P
W
GR
J75
Junction Connector
14
3
1
12
8
19
J74
Junction Connector
15
4
R
W
B
W
7 AJ9
8 AJ9
B
W
12
13
CANH
CANL
A17
Skid Control ECU
with Actuator
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
SP1
45
46
34
33
36
37
43
42
3
V
LG
BE
G
L
P
B
W
G
2 AJ9
Front
Speed Sensors
Rear
Speed Sensors
LG
LG
P


A24(A), D74(B)
Engine Control Module
TC
TACH
16
A
15
A
V
GR
9
AJ4
15
AJ3
J75
Junction Connector
4
15
2
13
SB
W
V
W
B
2
J65
Junction Connector
1
SB
BR
6
14
13
9
CANH
CANL
TC
TAC
J17
DLC3
W
SB
LG
LG
P
P

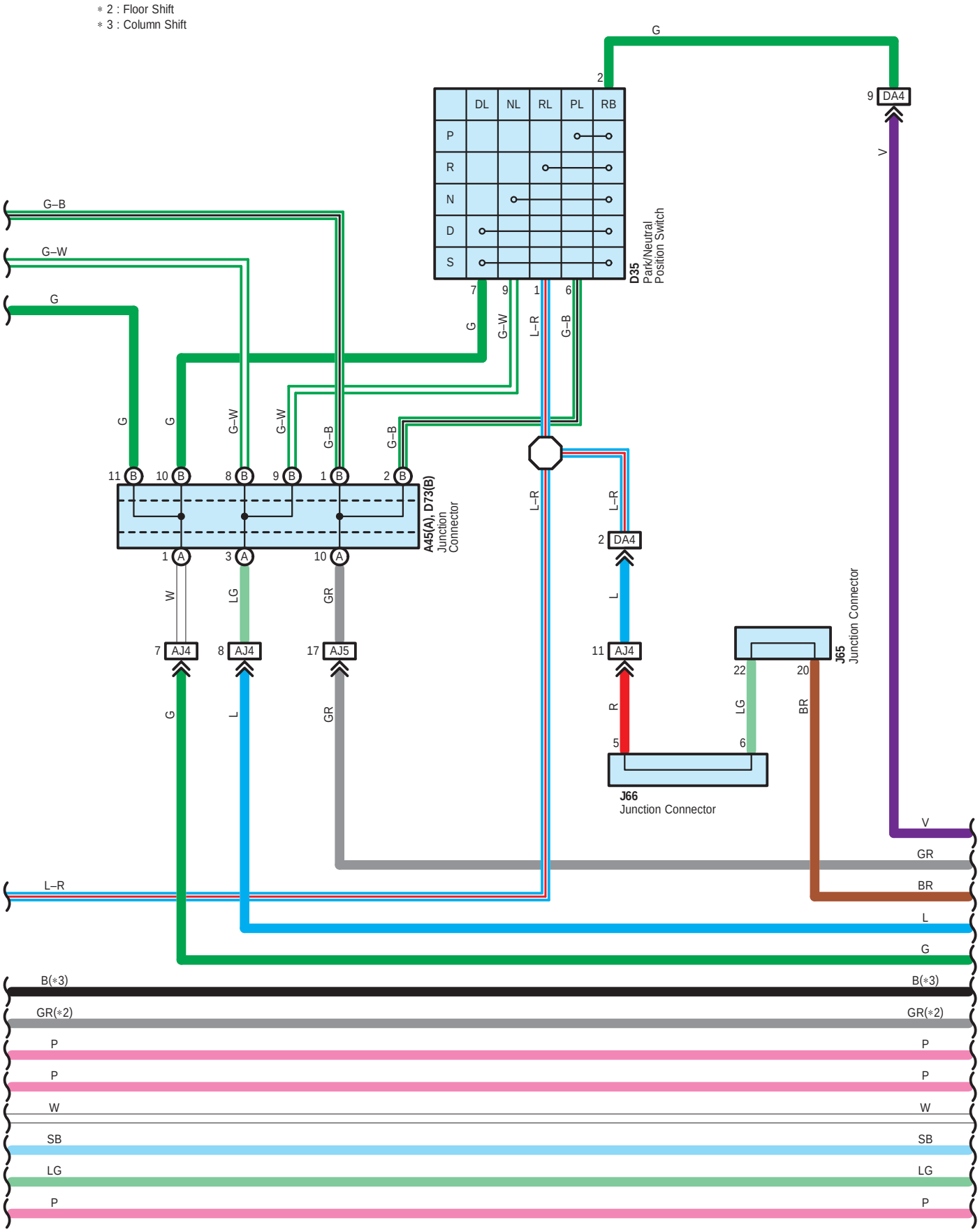
∗ 2 : Floor Shift
∗ 3 : Column Shift

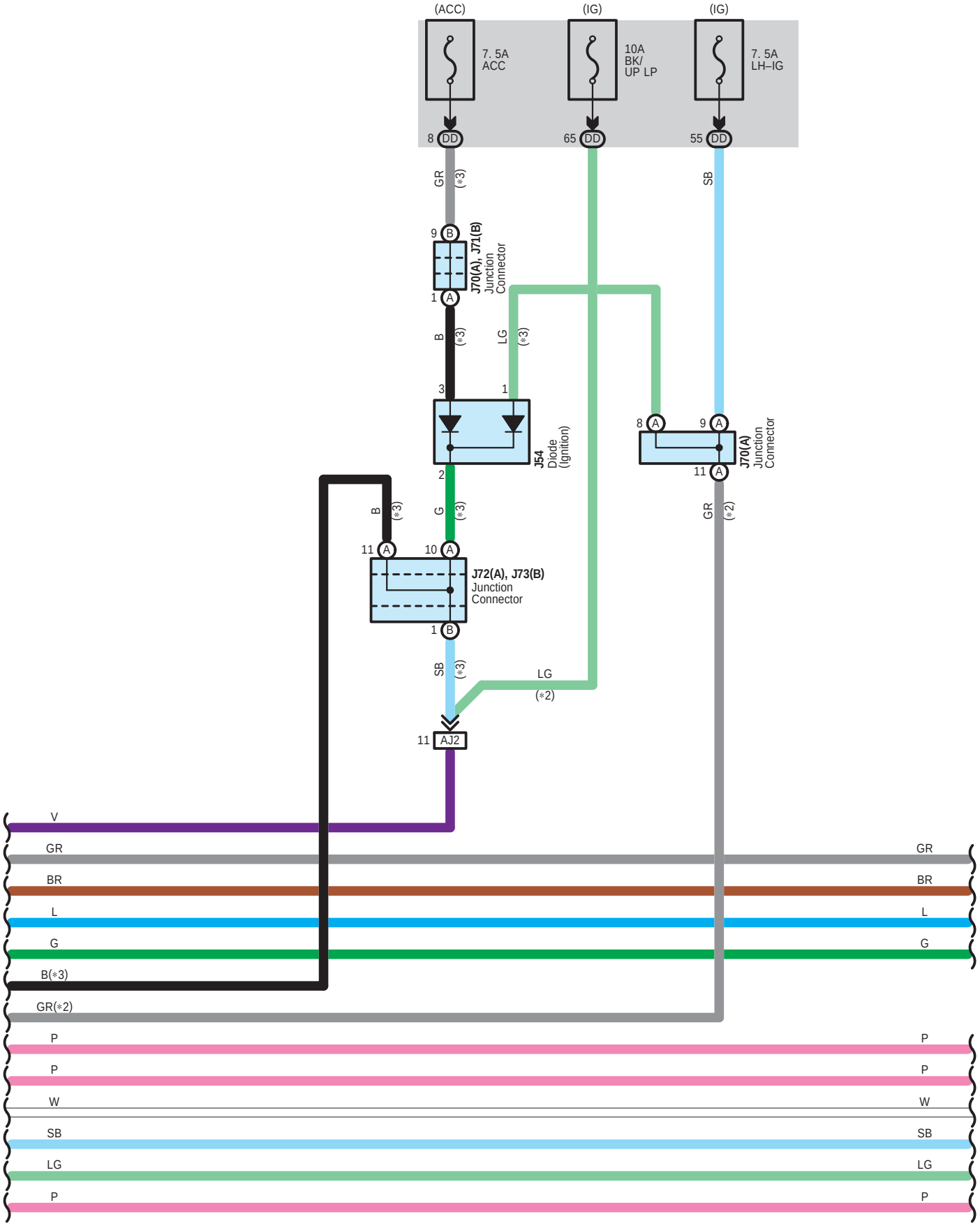


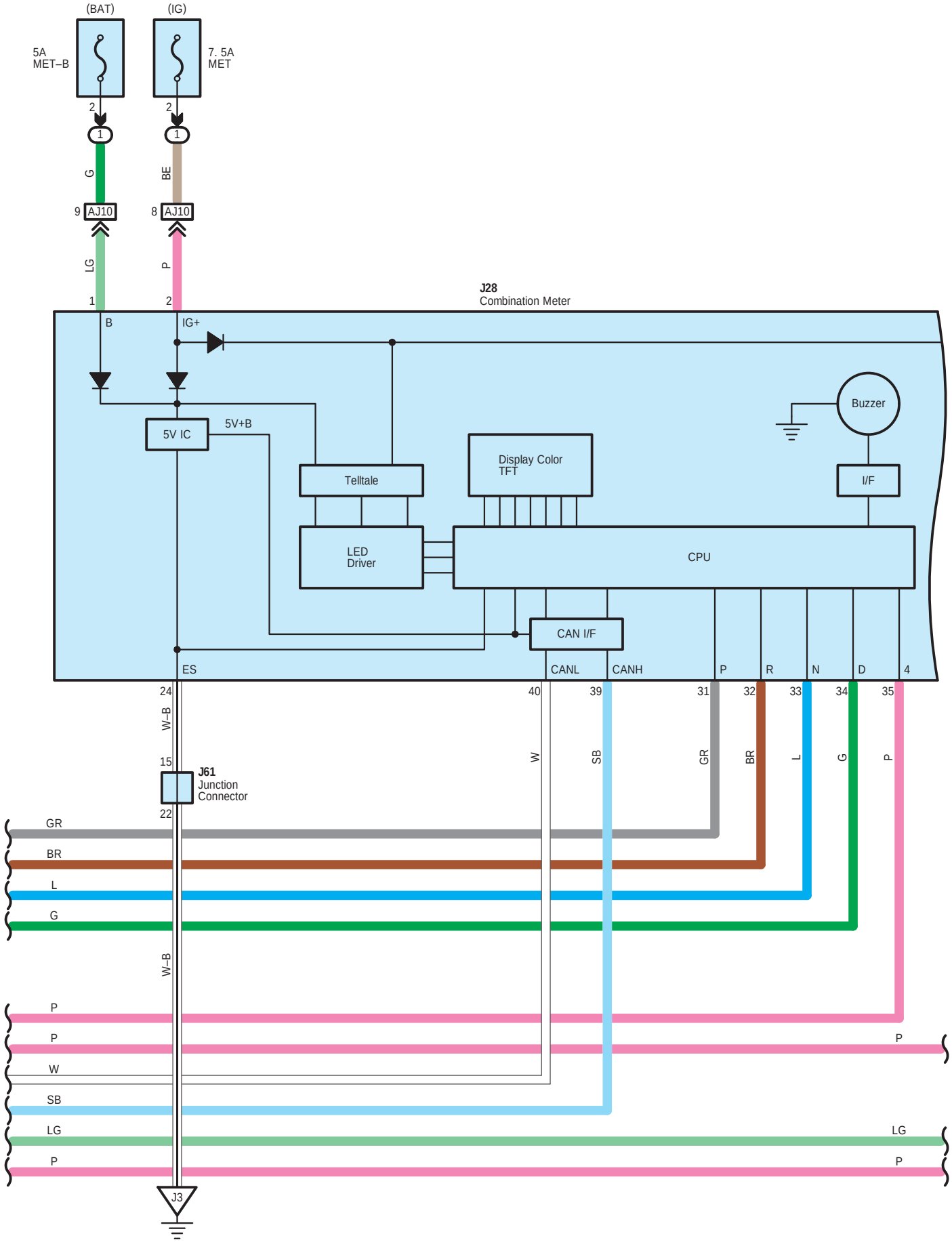

(BAT)
7. 5A
AM2
2
1
Y
5
AJ9
L
5
AM2
IG2
ST2
7
G
J9
Ignition Switch
G
R
R
GR
1
1
5
1
ST Relay
3
2
1
1
V
W–B
10
A44
Junction Connector
5
W–B
R
A24(A), D74(B)
Engine Control Module
R
D
N
P
STSW
NSW
STAR
STA
26 B
27 B
25 B
2 B
14 A
120 B
16 B
46 A
L–R
G
G–W
G–B
BR
L
L
R
L
L
BR
G–B
G–W
G
L–R
B(*3)
GR(*2)
P
P
W
SB
LG
P
B(*3)
GR(*2)
P
P
W
SB
LG
P
A2

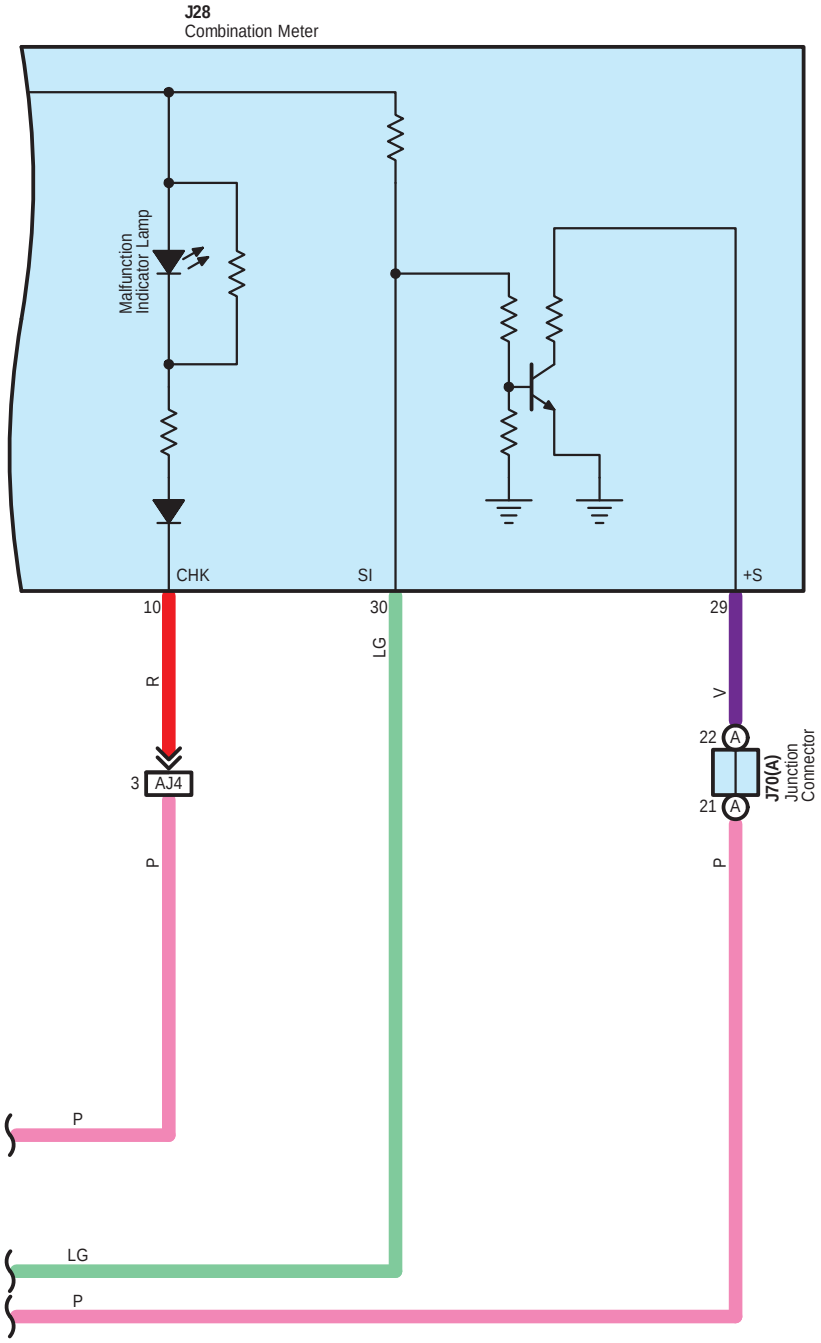

∗ 2 : Floor Shift
∗ 3 : Column Shift
G
R
R
G
4 DA2
14 AJ3
R
BE
5
B
L
P
N
D35
Park/Neutral
Position Switch
4
L
5
6
A51
Junction
Connector
4
V
1
2
A35
Diode
(Starting)
BR
G–B
G–W
G
6 B
7 B
5 B
7 A
A45(A), D73(B)
Junction Connector
L
L
L
L
L
BR
G–B
G–W
G
L–R
L–R


B(∗3)
B(∗3)
GR(∗2)
GR(∗2)
P
P
P
P
W
W
SB
SB
LG
LG
P
P

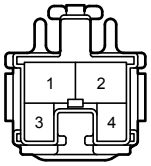

* 2 : Floor Shift
* 3 : Column Shift
G
2
9 DA4
V
DL NL RL PL RB
P
R
N
D
S
D35
Park/Neutral
Position Switch
7 9 1 6
G G–W L–R G–B
G–B
G–W
G
G
G
G–W
G–B
G–B
11 B 10 B 8 B 9 B 1 B 2 B
A45(A), D73(B)
Junction
Connector
1 A 3 A 10 A
W LG GR
7 AJ4 8 AJ4 17 AJ5
G L GR
L–R
L–R
2 DA4
L
11 AJ4
R
5
22 20
LG BR
6
J65
Junction Connector
J66
Junction Connector
V
GR
BR
L
G
L–R
B(*3)
GR(*2)
P
P
W
SB
LG
P
B(*3)
GR(*2)
P
P
W
SB
LG
P


(ACC)
(IG)
(IG)
7. 5A
ACC
10A
BK/
UP LP
7. 5A
LH–IG
8 DD
65 DD
55 DD
GR (*3)
SB
9 B
J70(A), J71(B)
Junction
Connector
1 A
B (*3)
LG (*3)
3
1
J54
Diode
(Ignition)
2
8 A
9 A
J70(A)
Junction
Connector
11 A
G (*3)
GR (*2)
11 A
10 A
J72(A), J73(B)
Junction
Connector
1 B
SB (*3)
LG
(*2)
11 AJ2
V
GR
BR
L
G
B(*3)
GR(*2)
P
P
W
SB
LG
P

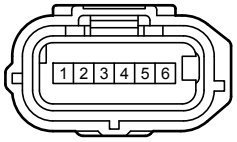

(BAT)
(IG)
5A
MET–B
7. 5A
MET
2
1
G
BE
9 AJ10
8 AJ10
LG
P
1
2
J28
Combination Meter
B
IG+
5V IC
5V+B
Telltale
Display Color
TFT
Buzzer
I/F
LED
Driver
CPU
CAN I/F
ES
CANL
CANH
P
R
N
D
4
24
40
39
31
32
33
34
35
W–B
W
SB
GR
BR
L
G
P
15
J61
Junction
Connector
22
GR
BR
L
G
W–B
P
P
P
W
SB
LG
LG
P
P
J3


J28
Combination Meter
Malfunction Indicator Lamp
CHK
SI
+S
10
30
29
R
LG
V
3
AJ4
22
A
21
A
J70(A)
Junction Connector
P
P
P
LG
P

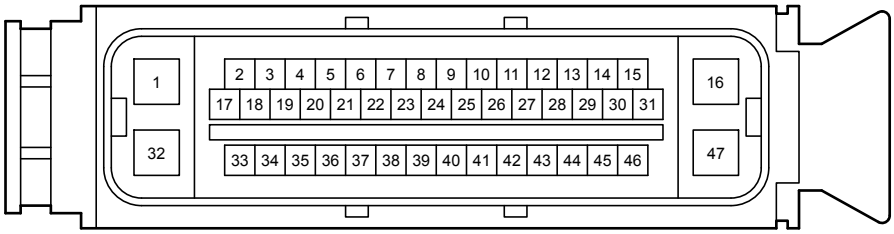
A 4
White



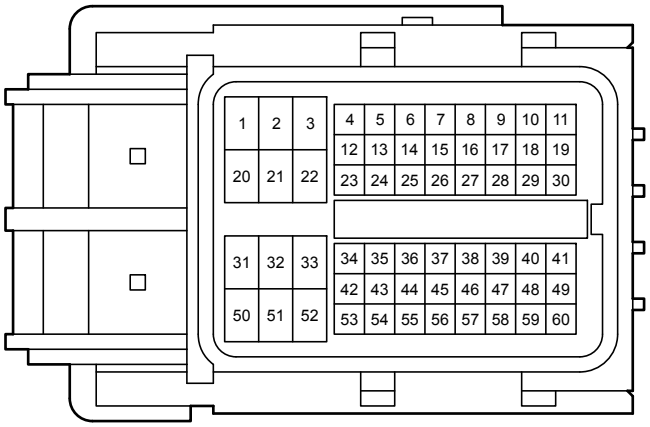
A 14
Black



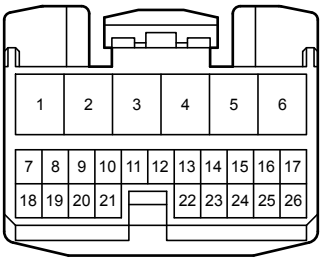
A 17
Black



A 24
Black



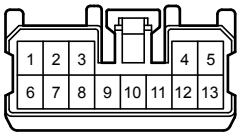
A 26
White



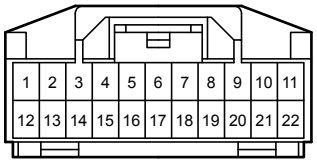
A 35
Black



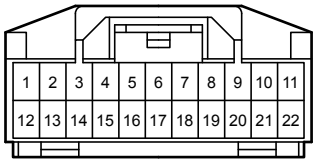
A 44
White



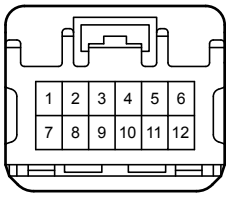
A 45
Blue



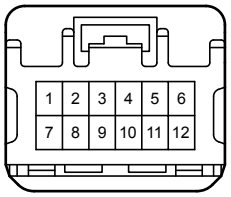
A 49
White



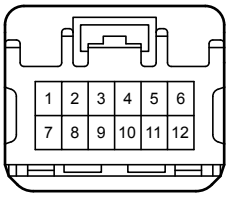
A 50
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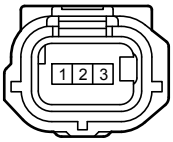
A 51
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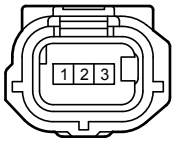
A 52
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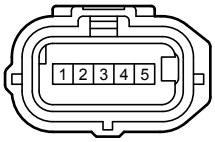
D 3
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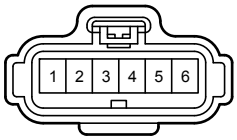
D 6
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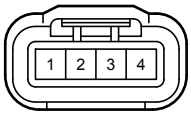
D 7
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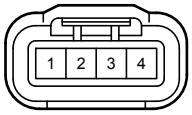
D 9
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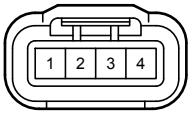
D 10
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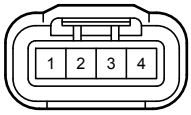
D 12
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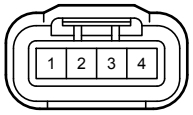
D 14
Black



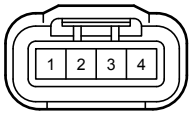
D 16
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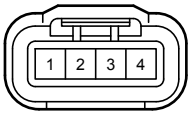
D 19
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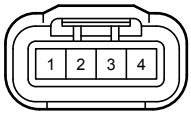
D 21
Black



D 23
Black



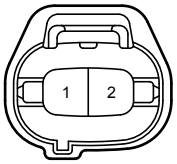
D 25
Black



D 28
Dark Gray



D 29
Black



D 31
Dark Gray



D 32
Dark Gray



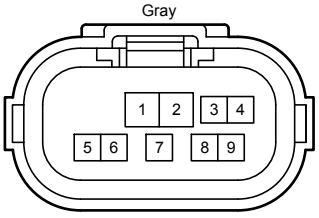
D 33
Dark Gray



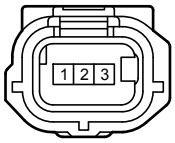
D 34
Dark Gray



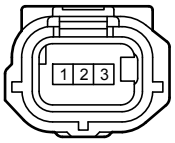
D 35
Gray



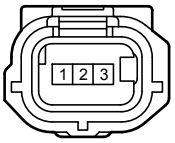
D 37
Black



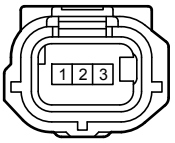
D 39
Black



D 40
Black



D 41
Black



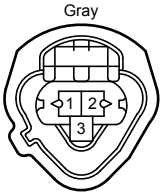
D 44
Black



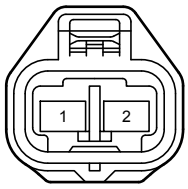
D 45
Black



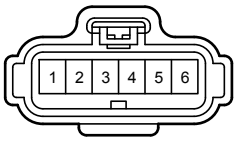
D 46
Gray



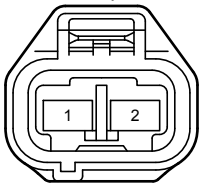
D 48
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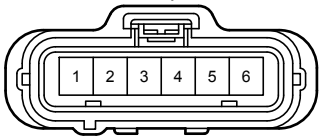
D 50
Black



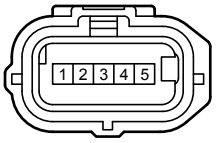
D 52
Gray



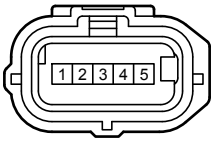
D 54
Gray



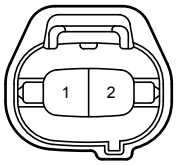
D 58
Black



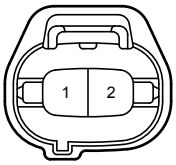
D 59
Black



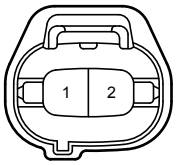
D 62
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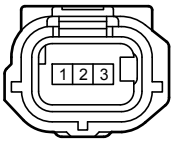
D 65
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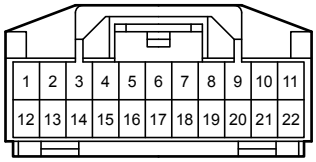
D 66
Black



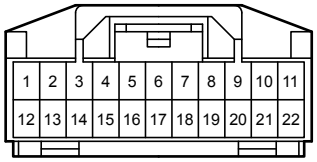
D 70
Black



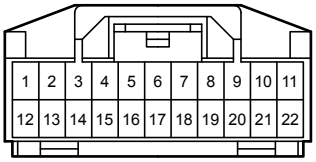
D 71
White



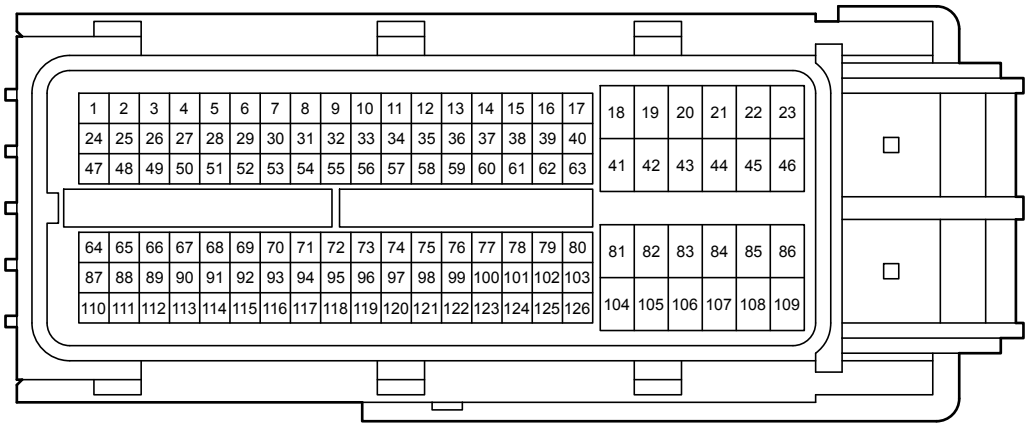
D 72
White



D 73
Blue



D 74
Black



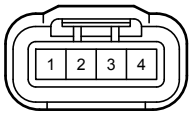
D 75
Black



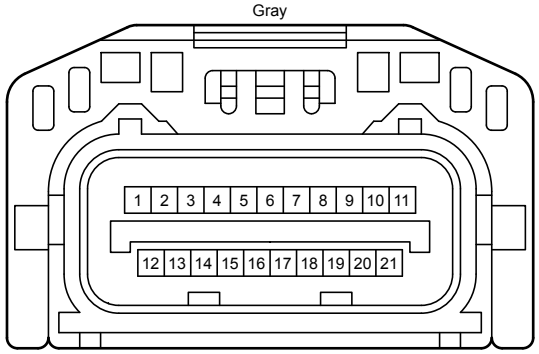
D 76
Black



D 80
Black



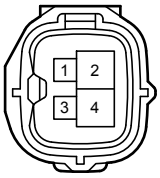
D 83
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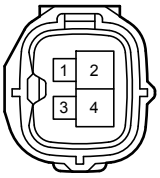
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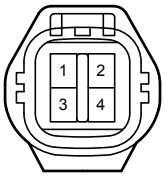
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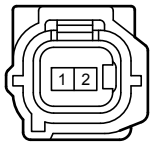
D 90
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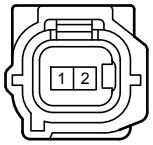
E 9
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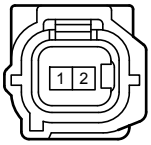
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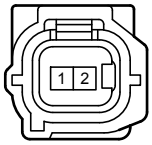
F 2
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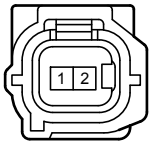
F 3
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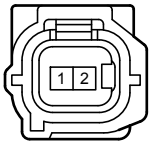
F 4
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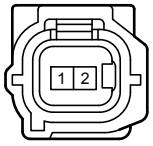
H 1
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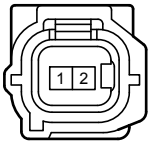
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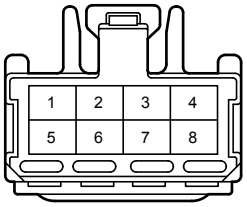
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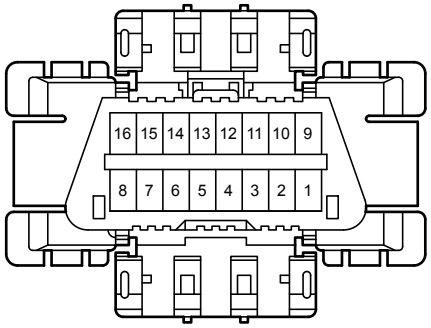
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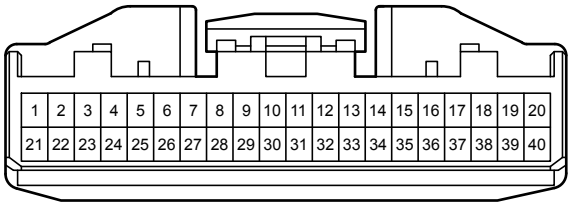
J 9
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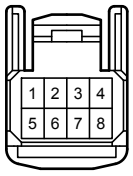
J 17
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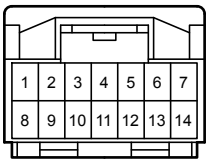
J 19
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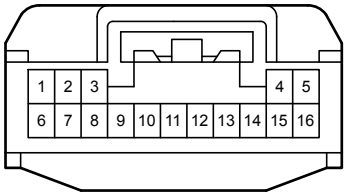
J 24
White



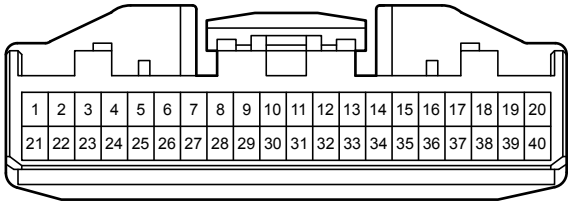
J 25
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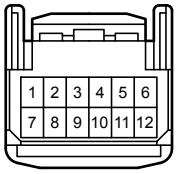
J 26
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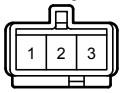
J 28
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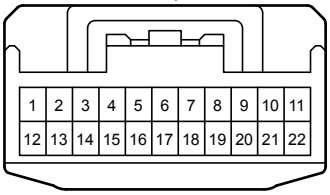
J 45
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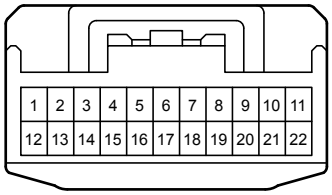
J 54
Orange



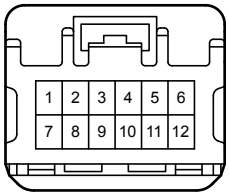
J 61
Gray



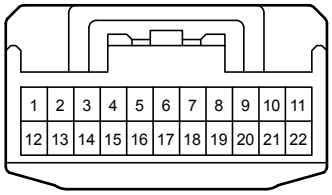
J 65
White



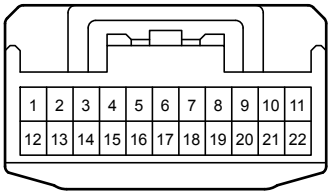
J 66
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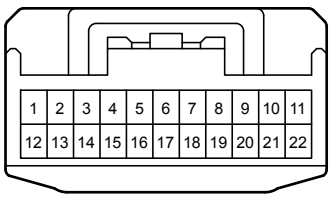
J 70
Blue



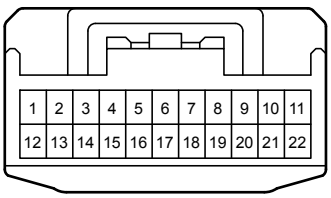
J 71
White



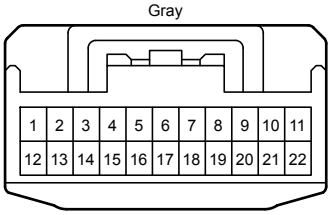
J 72
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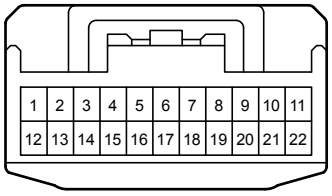
J 73
Black



J 74
Gray



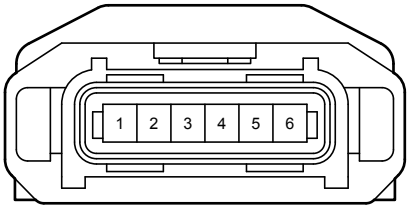
J 75
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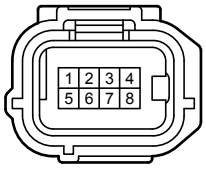
R 6
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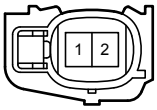
R 11
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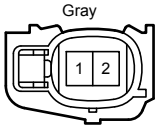
R 12
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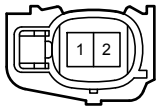
a 3
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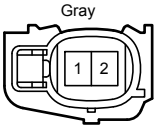
a 4
Gray



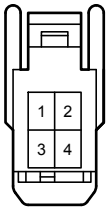
a 5
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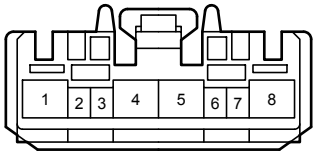
a 6
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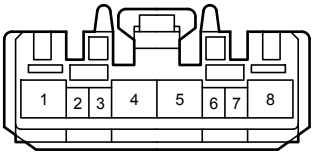
z 2
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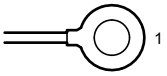
1A
White



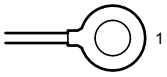
1B
White



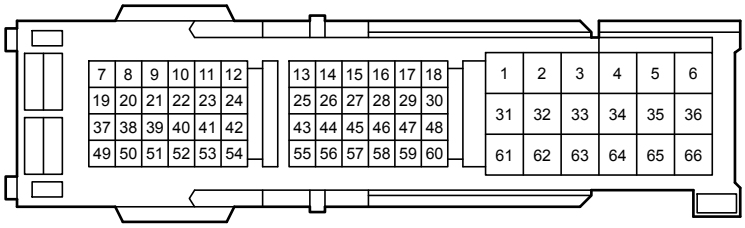
1G



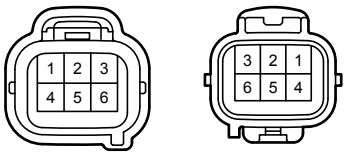
1H



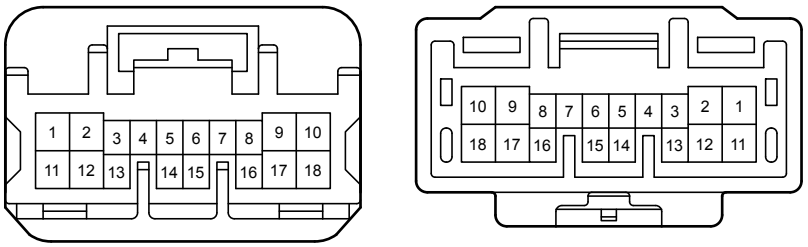
DD
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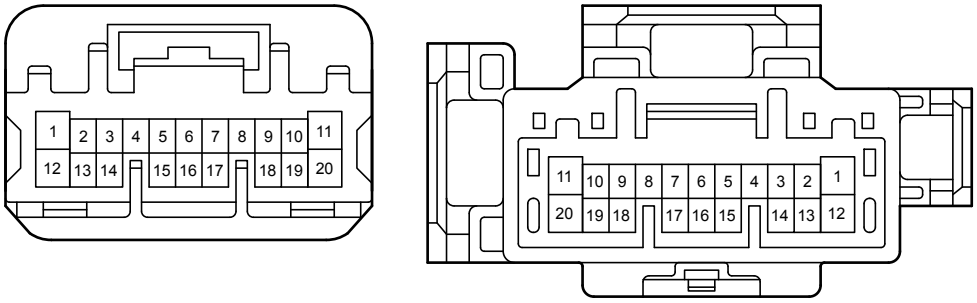
AE1
Gray



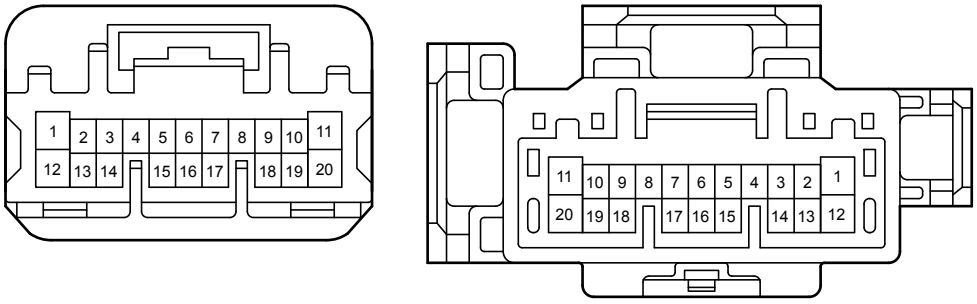
AJ2
Gray



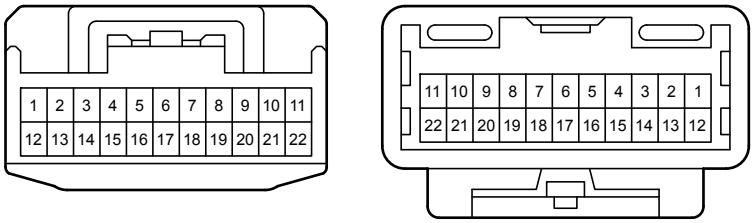
AJ3
White



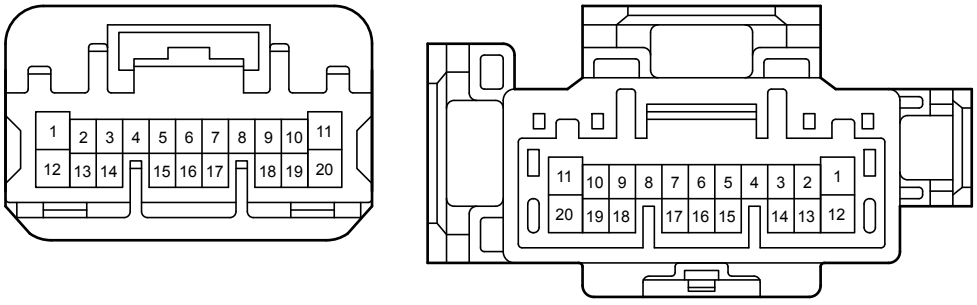
AJ4
White



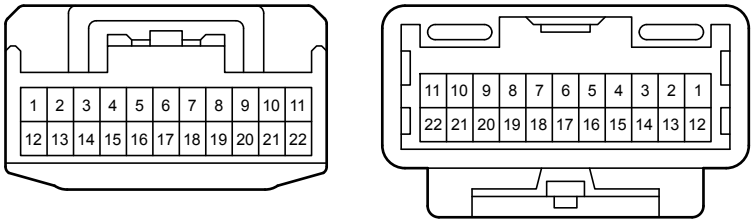
AJ5
Gray



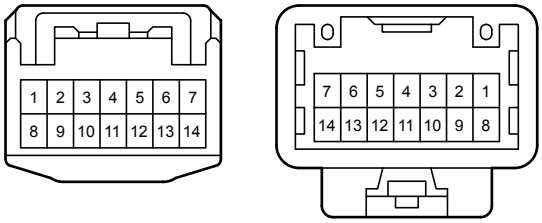
AJ9
White



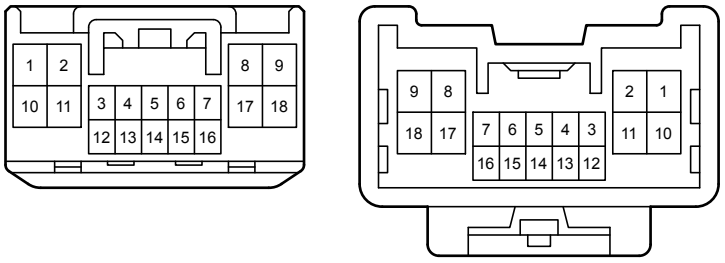
AJ10
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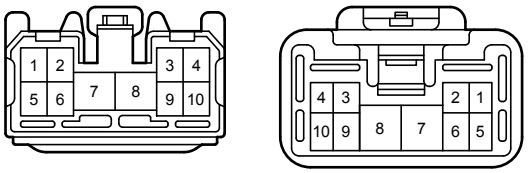
DA1
Black



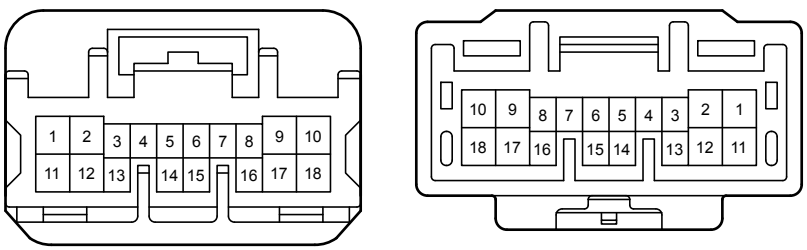
DA2
White



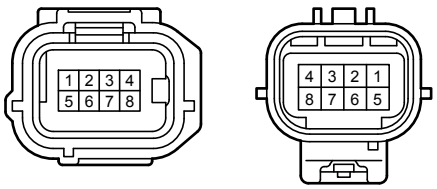
DA3
White



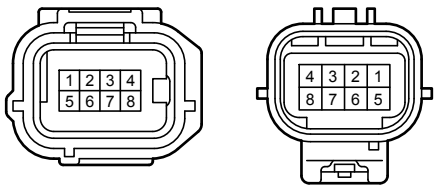
DA4
Gray



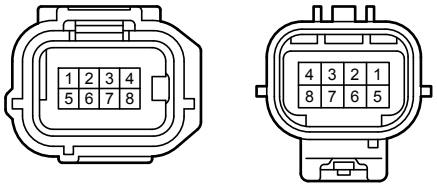
DF1
Gray



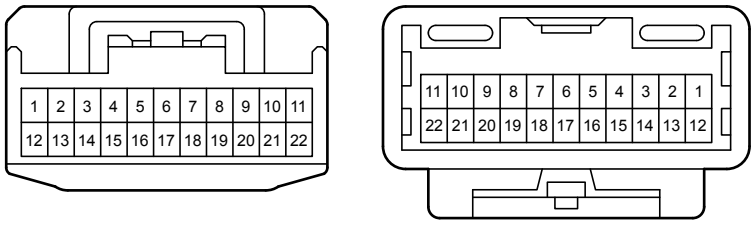
DH1
Gray



Da1
Gray



RA1
Black



RA2
White

