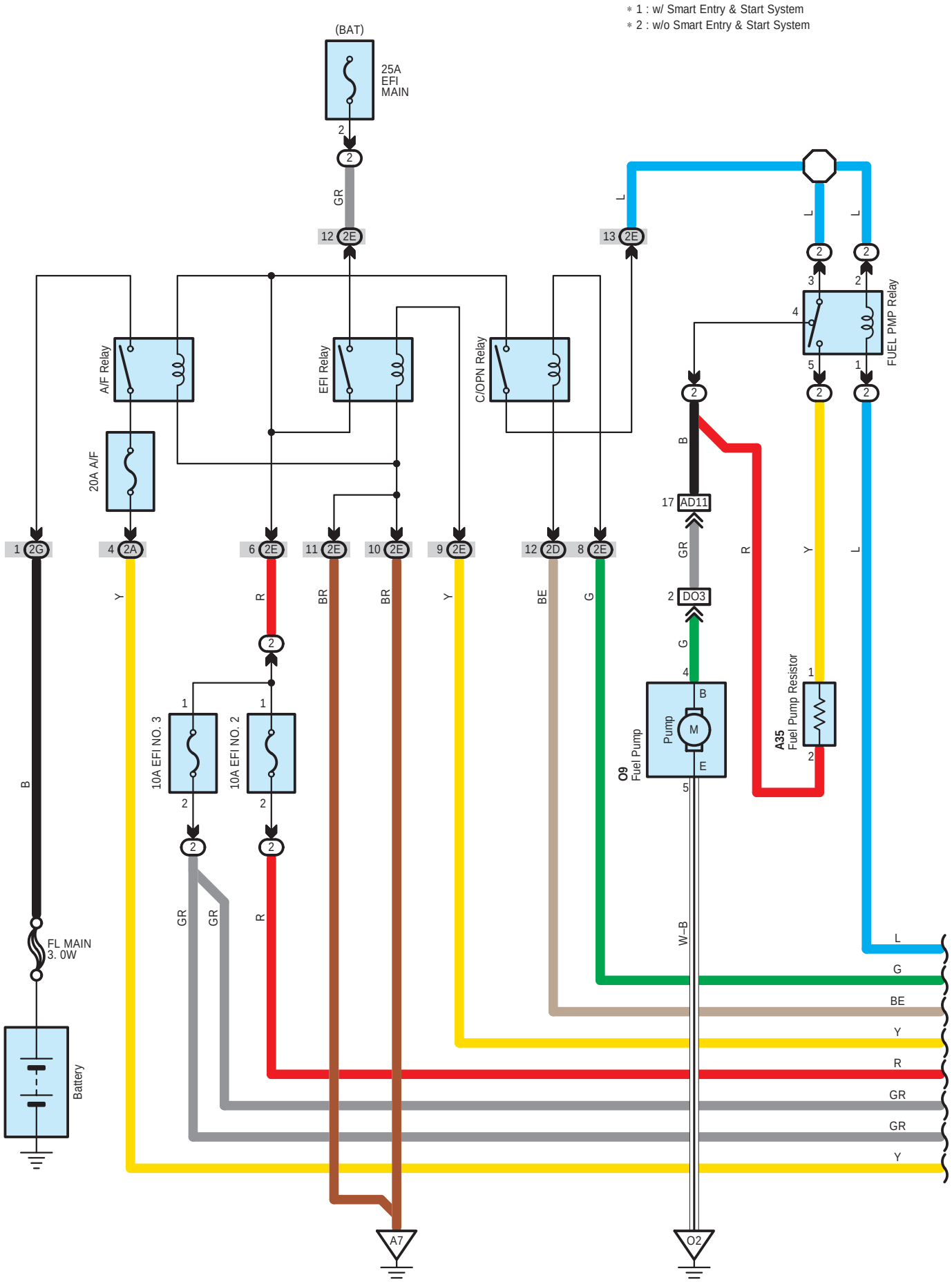
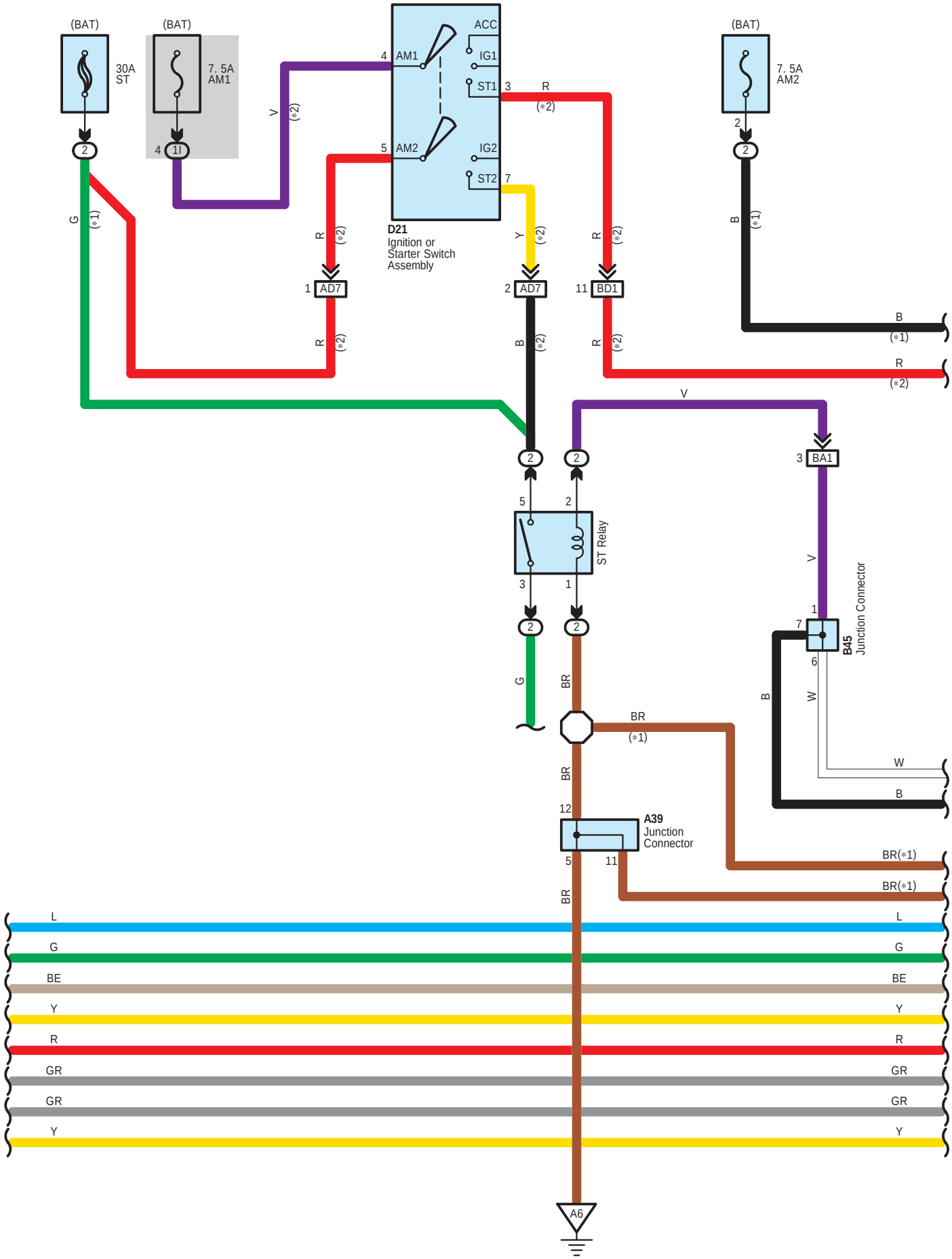
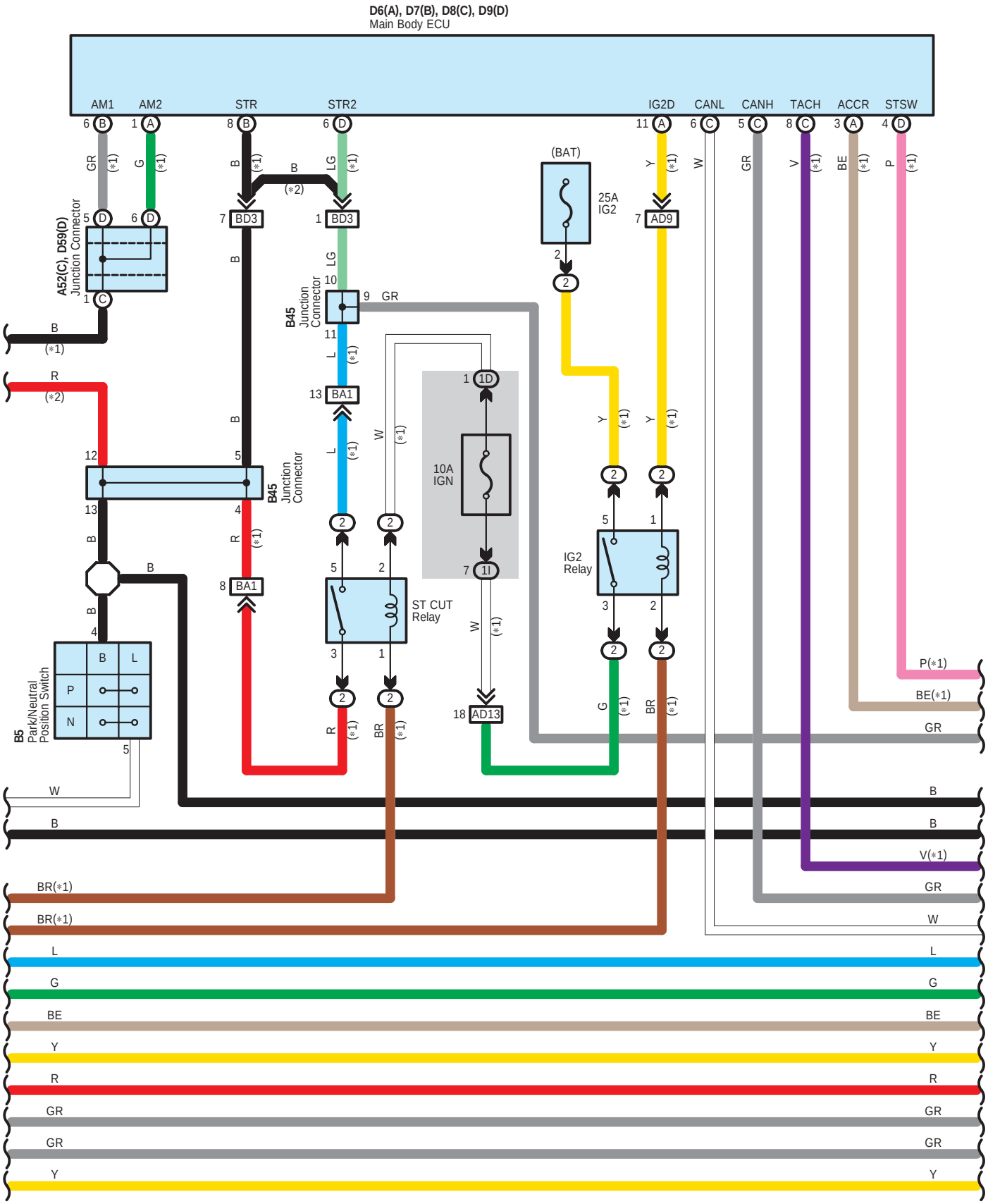
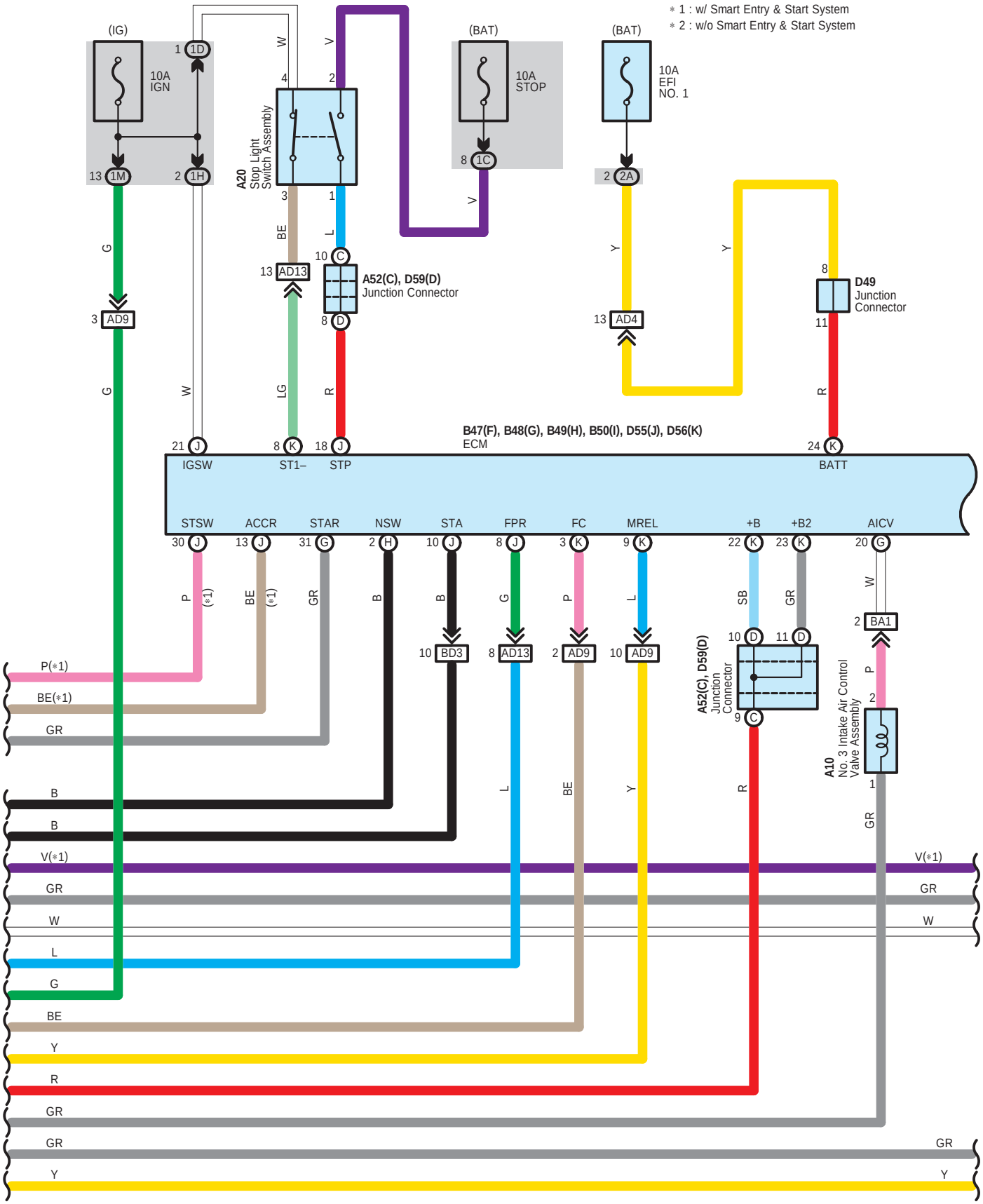
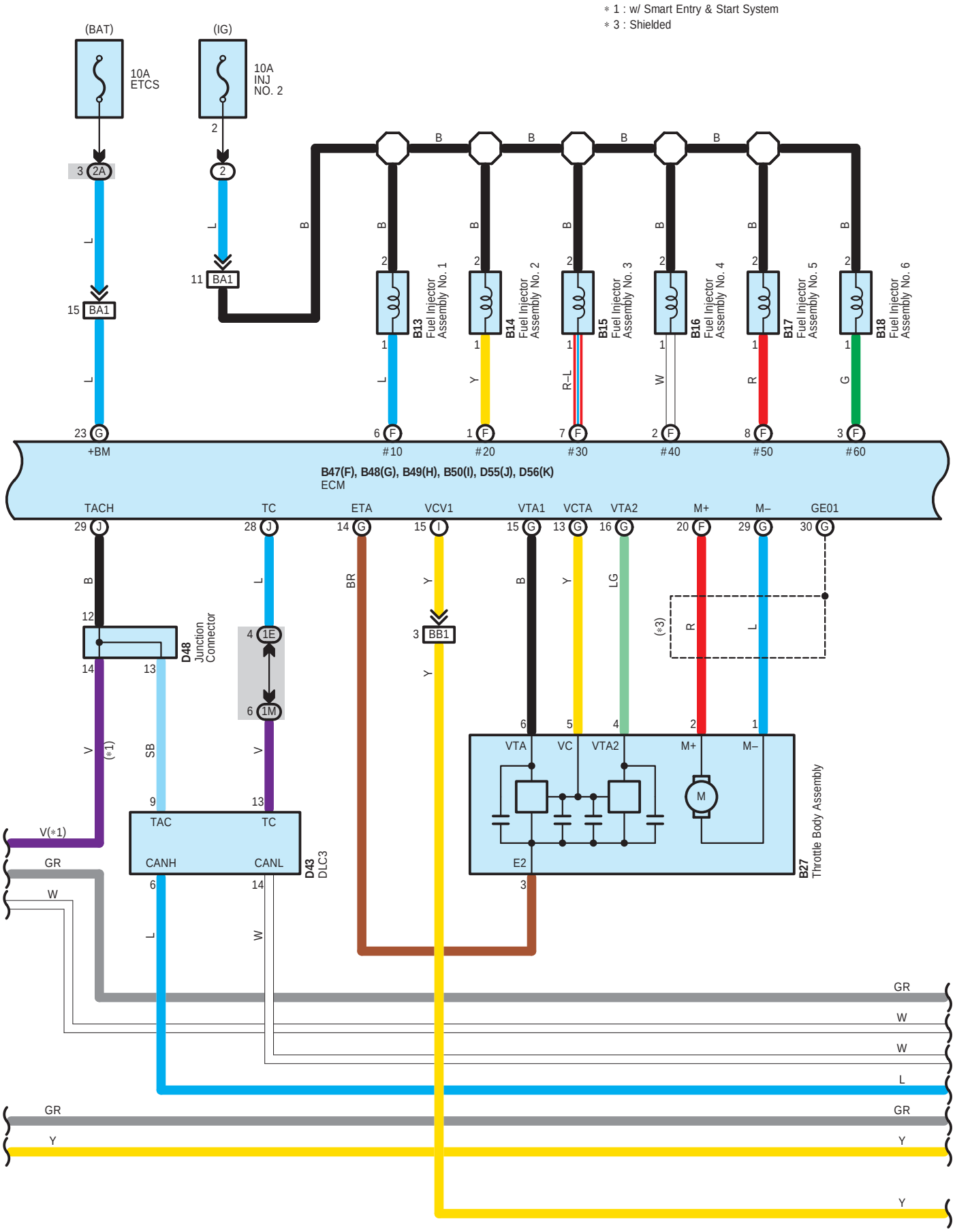
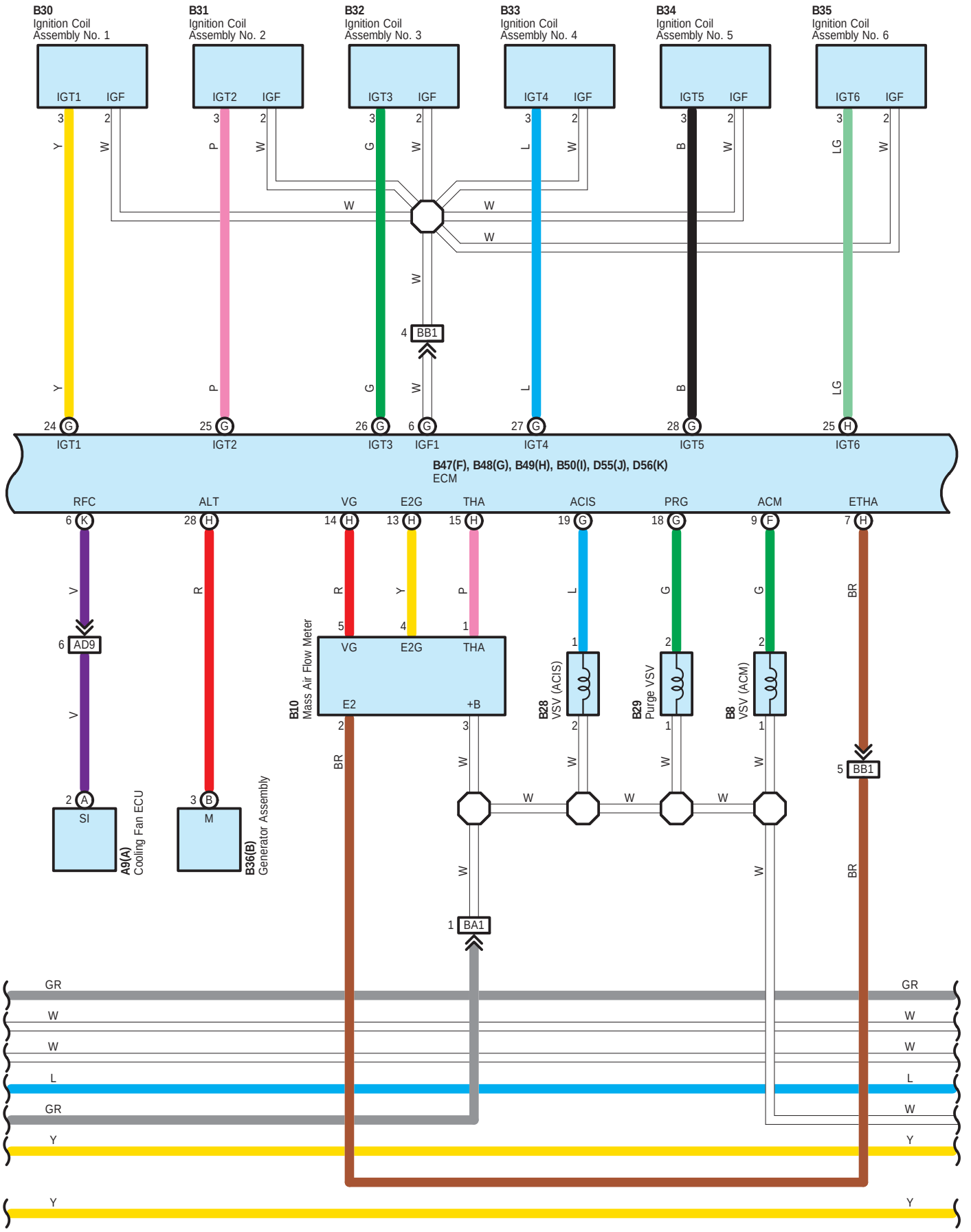

* 1 : w/ Smart Entry & Start System
* 2 : w/o Smart Entry & Start System
(BAT)
25A EFI MAIN
A/F Relay
EFI Relay
C/OPN Relay
FUEL PMP Relay
20A A/F
10A EFI NO. 3
10A EFI NO. 2
FL MAIN 3. 0W
Battery
O9 Fuel Pump
Pump
A35 Fuel Pump Resistor
A7
O2

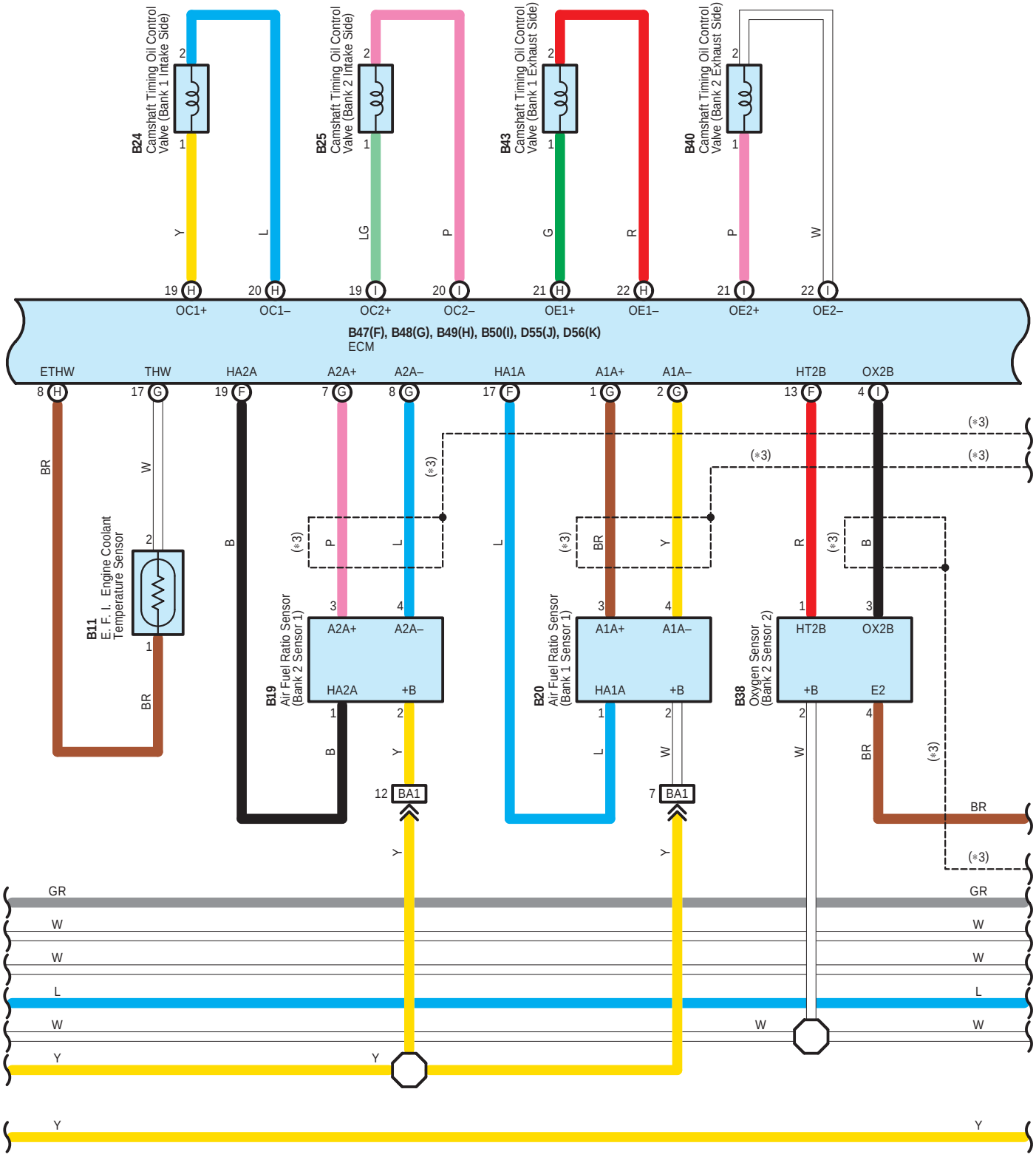

(BAT)
30A
ST
(BAT)
7. 5A
AM1
(BAT)
7. 5A
AM2
ACC
IG1
ST1
IG2
ST2
AM1
AM2
D21
Ignition or
Starter Switch
Assembly
AD7
BD1
BA1
ST Relay
B45
Junction Connector
A39
Junction
Connector
A6
L
G
BE
Y
R
GR
GR
Y
BR(*1)
W
B

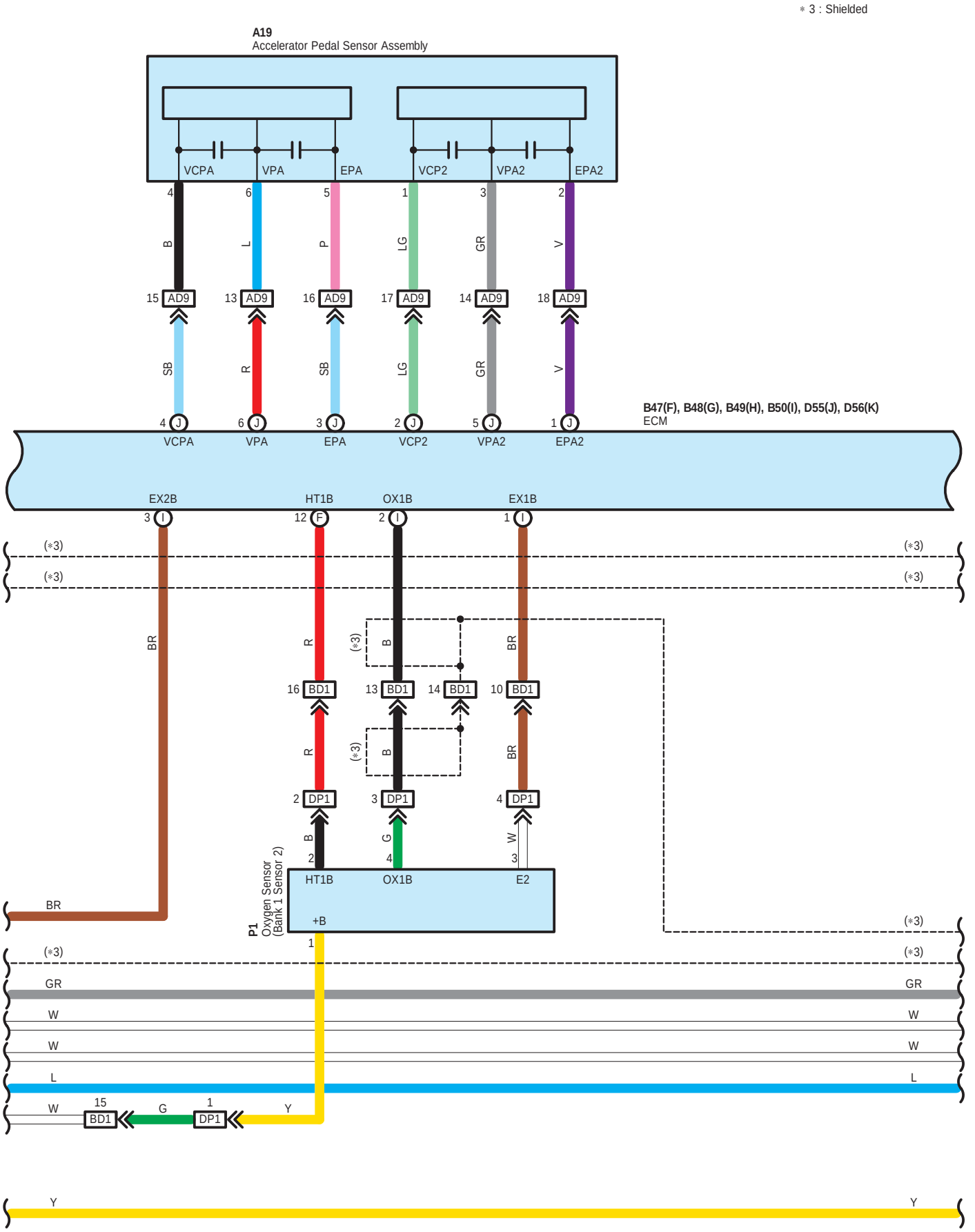

D6(A), D7(B), D8(C), D9(D)
Main Body ECU
AM1
AM2
STR
STR2
IG2D
CANL
CANH
TACH
ACCR
STSW
A52(C), D59(D)
Junction Connector
B45
Junction
Connector
B5
Park/Neutral
Position Switch
(BAT)
25A
IG2
10A
IGN
IG2
Relay
ST CUT
Relay
BD3
BA1
AD9
AD13
1D
1I
P(∗1)
BE(∗1)
GR
B
V(∗1)
BR(∗1)
W
L
G
BE
Y
R
GR
GR
Y

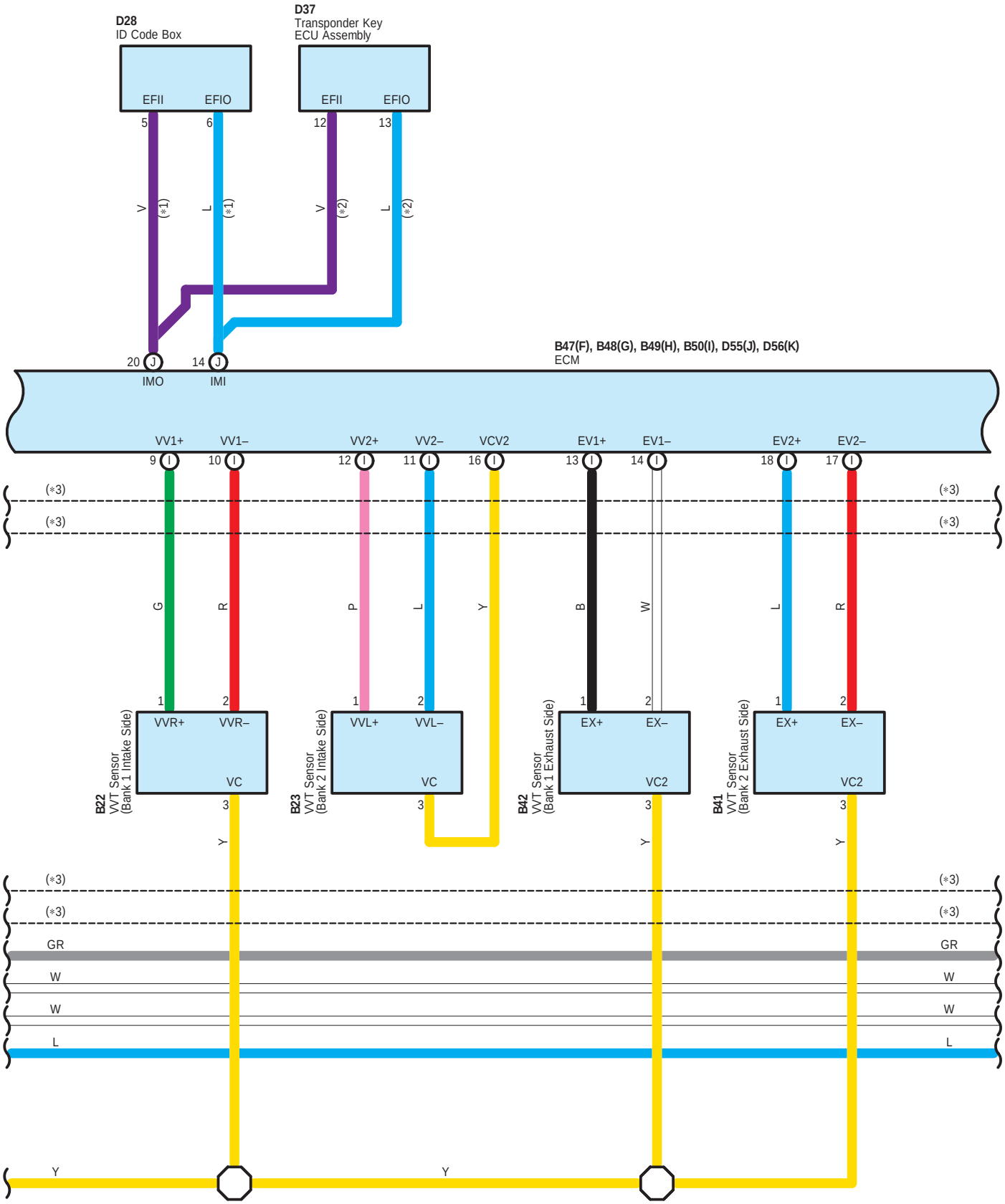

∗ 1 : w/ Smart Entry & Start System
∗ 2 : w/o Smart Entry & Start System
(IG)
10A IGN
1 1D
13 1M
2 1H
A20 Stop Light Switch Assembly
4
2
3
1
W
V
BE
L
(BAT)
10A STOP
8 1C
(BAT)
10A EFI NO. 1
2 2A
13 AD4
Y
Y
8
D49 Junction Connector
11
R
10 C
13 AD13
A52(C), D59(D) Junction Connector
8 D
G
3 AD9
G
W
LG
R
B47(F), B48(G), B49(H), B50(I), D55(J), D56(K) ECM
21 J
IGSW
8 K
ST1–
18 J
STP
24 K
BATT
STSW
ACCR
STAR
NSW
STA
FPR
FC
MREL
+B
+B2
AICV
30 J
13 J
31 G
2 H
10 J
8 J
3 K
9 K
22 K
23 K
20 G
P
(∗1)
BE
(∗1)
GR
B
G
P
L
SB
GR
W
10 BD3
8 AD13
2 AD9
10 AD9
10 D
11 D
9 C
A52(C), D59(D) Junction Connector
2 BA1
P
2
A10 No. 3 Intake Air Control Valve Assembly
1
GR
P(∗1)
BE(∗1)
GR
B
B
V(∗1)
GR
W
L
G
BE
Y
R
GR
GR
Y
V(∗1)
GR
W
GR
Y


∗ 1 : w/ Smart Entry & Start System
∗ 3 : Shielded
(BAT)
(IG)
10A ETCS
10A INJ NO. 2
3 2A
2
15 BA1
11 BA1
B13 Fuel Injector Assembly No. 1
B14 Fuel Injector Assembly No. 2
B15 Fuel Injector Assembly No. 3
B16 Fuel Injector Assembly No. 4
B17 Fuel Injector Assembly No. 5
B18 Fuel Injector Assembly No. 6
23 G +BM
6 F #10
1 F #20
7 F #30
2 F #40
8 F #50
3 F #60
B47(F), B48(G), B49(H), B50(I), D55(J), D56(K) ECM
TACH
TC
ETA
VCV1
VTA1
VCTA
VTA2
M+
M–
GE01
29 J
28 J
14 G
15 I
15 G
13 G
16 G
20 F
29 G
30 G
D48 Junction Connector
4 1E
6 1M
3 BB1
(∗3)
VTA
VC
VTA2
M+
M–
E2
M
B27 Throttle Body Assembly
V(∗1)
GR
W
TAC
TC
CANH
CANL
D43 DLC3
GR
W
W
L
GR
Y
Y
Y

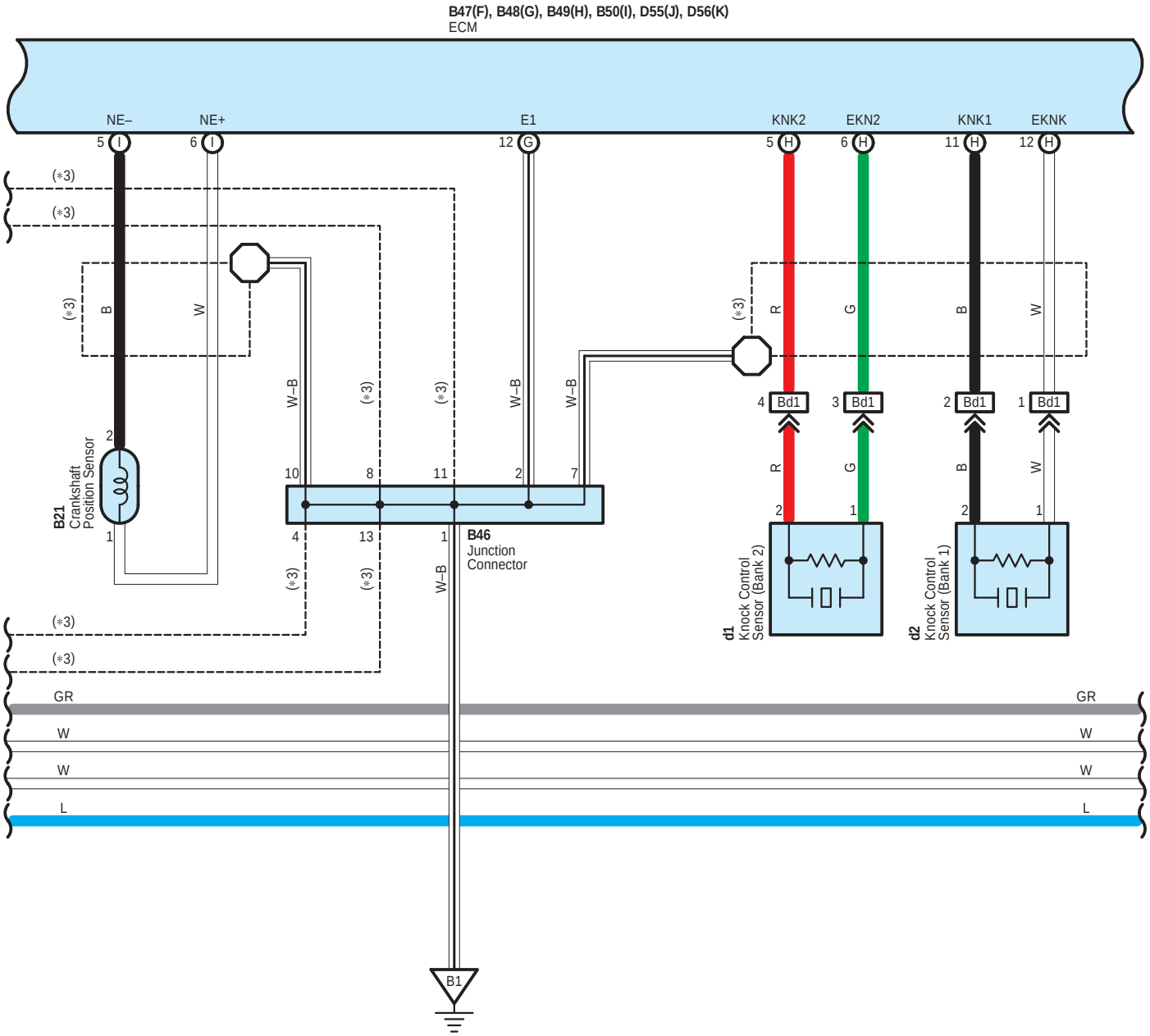

B30
Ignition Coil
Assembly No. 1
B31
Ignition Coil
Assembly No. 2
B32
Ignition Coil
Assembly No. 3
B33
Ignition Coil
Assembly No. 4
B34
Ignition Coil
Assembly No. 5
B35
Ignition Coil
Assembly No. 6
IGT1
IGF
IGT2
IGT3
IGT4
IGT5
IGT6
BB1
IGF1
B47(F), B48(G), B49(H), B50(I), D55(J), D56(K)
ECM
RFC
ALT
VG
E2G
THA
ACIS
PRG
ACM
ETHA
AD9
B10
Mass Air Flow Meter
E2
+B
B28
VSV (ACIS)
B29
Purge VSV
B8
VSV (ACM)
BA1
A9(A)
Cooling Fan ECU
B36(B)
Generator Assembly
SI
M

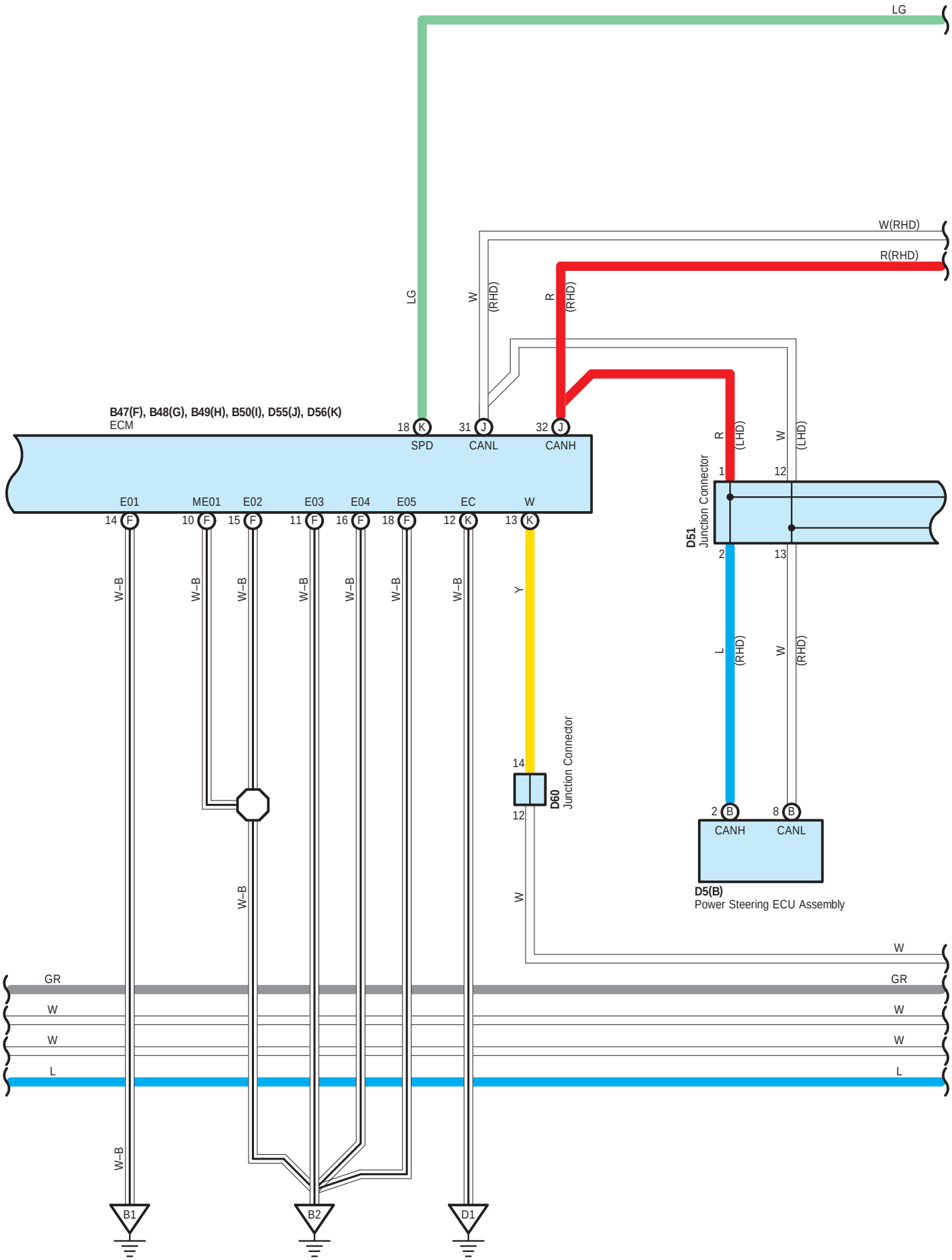

B24
Camshaft Timing Oil Control Valve (Bank 1 Intake Side)
B25
Camshaft Timing Oil Control Valve (Bank 2 Intake Side)
B43
Camshaft Timing Oil Control Valve (Bank 1 Exhaust Side)
B40
Camshaft Timing Oil Control Valve (Bank 2 Exhaust Side)
OC1+
OC1–
OC2+
OC2–
OE1+
OE1–
OE2+
OE2–
B47(F), B48(G), B49(H), B50(I), D55(J), D56(K)
ECM
ETHW
THW
HA2A
A2A+
A2A–
HA1A
A1A+
A1A–
HT2B
OX2B
B11
E. F. I. Engine Coolant Temperature Sensor
B19
Air Fuel Ratio Sensor (Bank 2 Sensor 1)
B20
Air Fuel Ratio Sensor (Bank 1 Sensor 1)
B38
Oxygen Sensor (Bank 2 Sensor 2)
BA1
(*3)

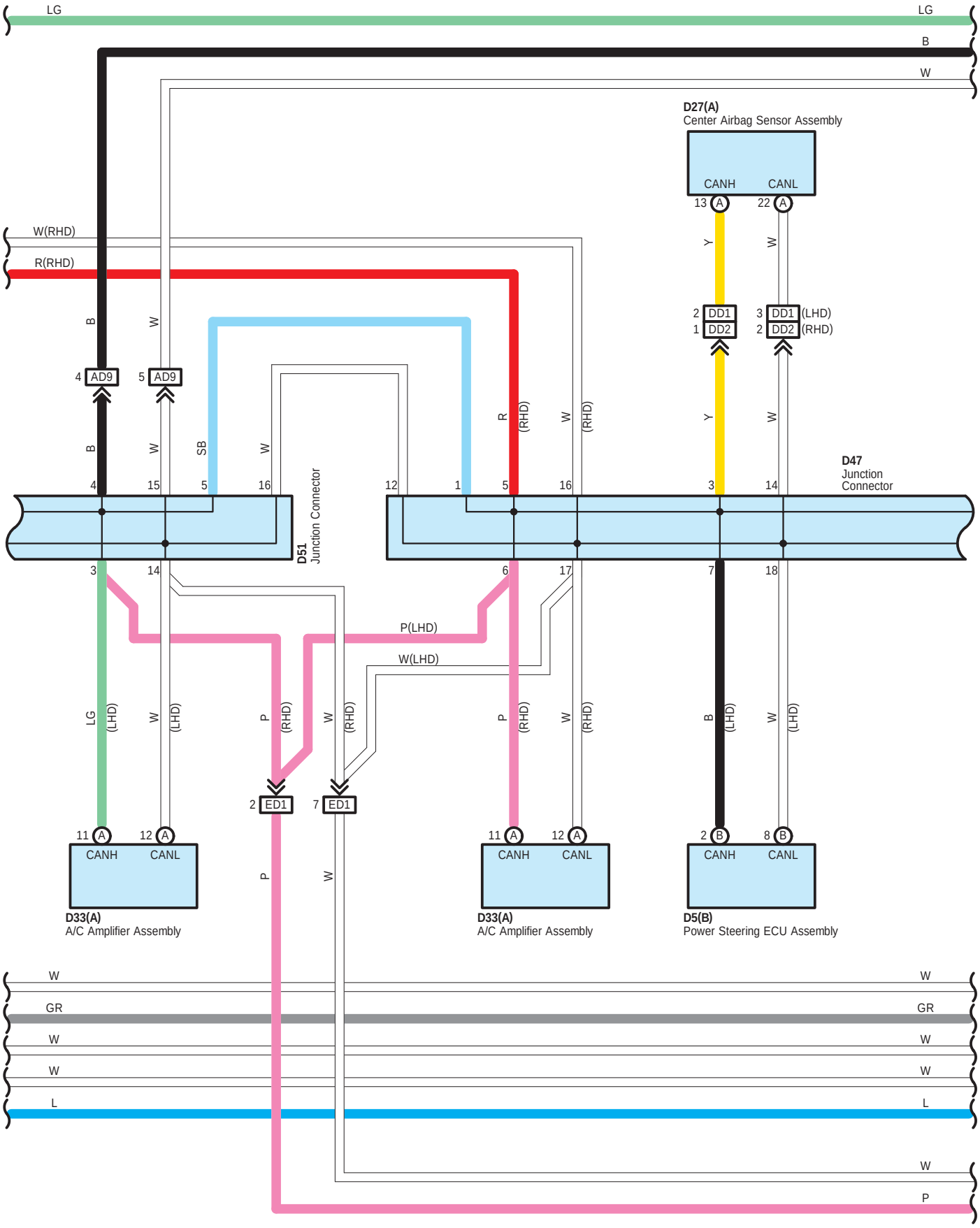

∗ 3 : Shielded
A19
Accelerator Pedal Sensor Assembly
VCPA
VPA
EPA
VCP2
VPA2
EPA2
AD9
B47(F), B48(G), B49(H), B50(I), D55(J), D56(K)
ECM
EX2B
HT1B
OX1B
EX1B
BD1
DP1
P1
Oxygen Sensor
(Bank 1 Sensor 2)
E2
+B
(∗3)
BR
R
B
L
P
LG
GR
V
SB
G
W
Y

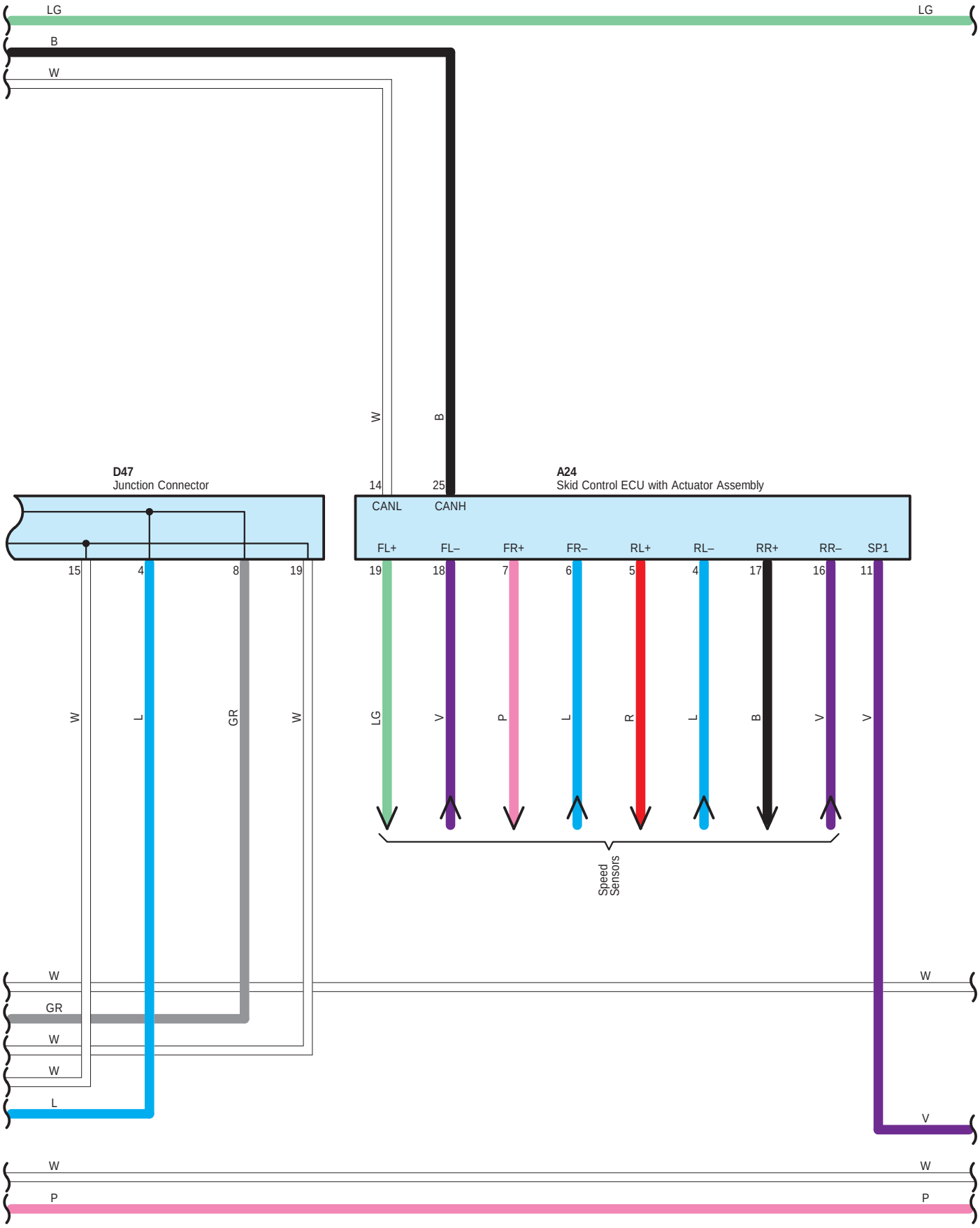

D28
ID Code Box
EFII
EFIO
5
6
D37
Transponder Key
ECU Assembly
EFII
EFIO
12
13
V
(*1)
L
(*1)
V
(*2)
L
(*2)
20
J
IMO
14
J
IMI
B47(F), B48(G), B49(H), B50(I), D55(J), D56(K)
ECM
VV1+
VV1–
VV2+
VV2–
VCV2
EV1+
EV1–
EV2+
EV2–
9
10
12
11
16
13
14
18
17
(*3)
G
R
P
L
Y
B
W
L
R
1
2
VVR+
VVR–
VC
3
B22
VVT Sensor
(Bank 1 Intake Side)
VVL+
VVL–
VC
B23
VVT Sensor
(Bank 2 Intake Side)
EX+
EX–
VC2
B42
VVT Sensor
(Bank 1 Exhaust Side)
EX+
EX–
VC2
B41
VVT Sensor
(Bank 2 Exhaust Side)
GR
W
W
L
Y

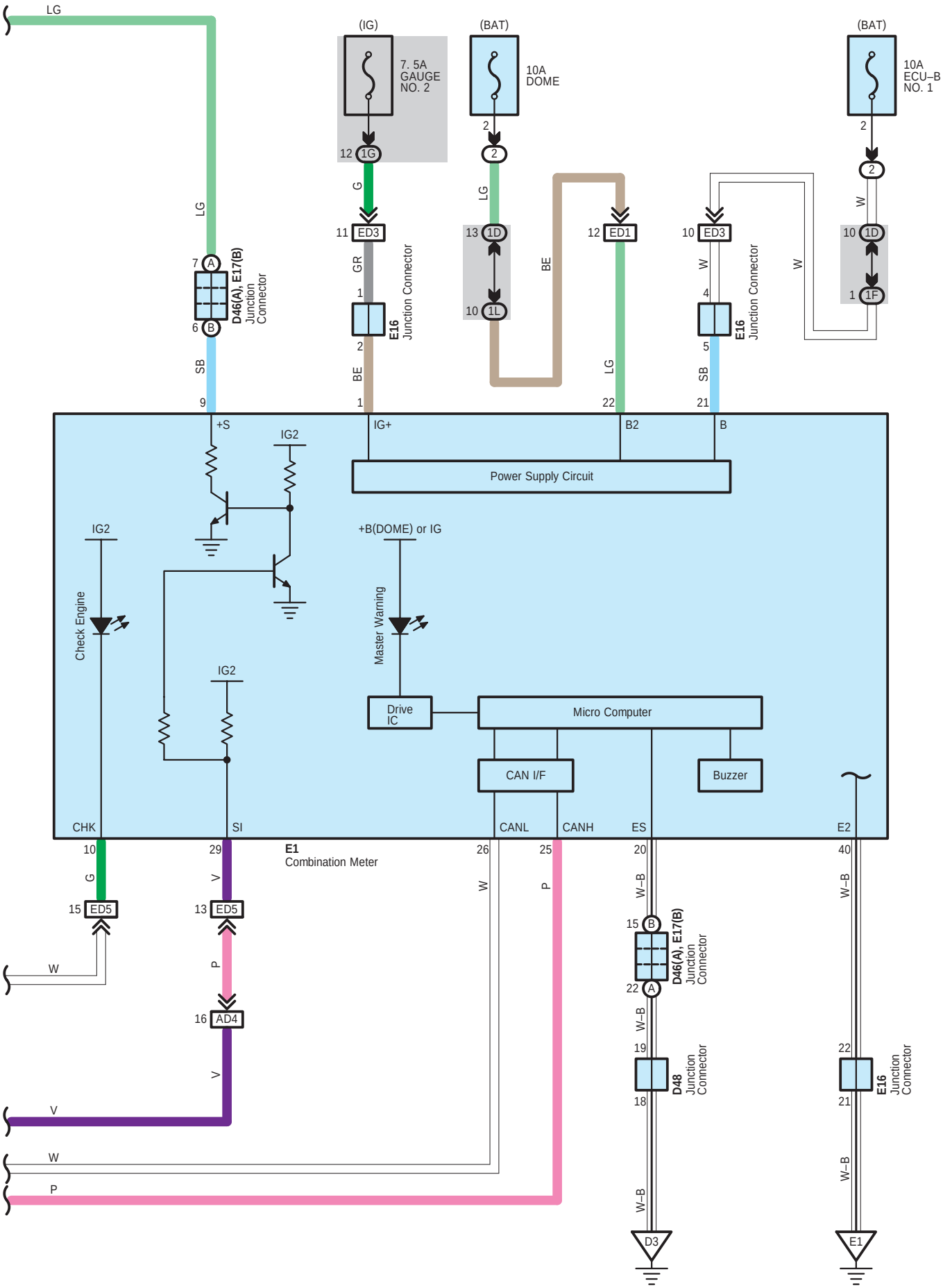
∗ 1 : w/ Smart Entry & Start System
∗ 2 : w/o Smart Entry & Start System
∗ 3 : Shielded



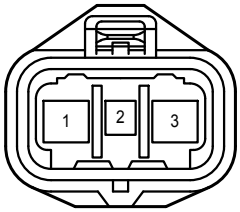

LG
W(RHD)
R(RHD)
LG
W (RHD)
R (RHD)
B47(F), B48(G), B49(H), B50(I), D55(J), D56(K)
ECM
18 K SPD
31 J CANL
32 J CANH
E01 ME01 E02 E03 E04 E05 EC W
14 F 10 F 15 F 11 F 16 F 18 F 12 K 13 K
W–B
Y
R (LHD)
W (LHD)
D51 Junction Connector
1 12
2 13
L (RHD)
W (RHD)
14
12
D60 Junction Connector
2 B 8 B
CANH CANL
D5(B)
Power Steering ECU Assembly
W
GR
W
W
L
B1 B2 D1


LG
LG
B
W
D27(A)
Center Airbag Sensor Assembly
CANH
CANL
13 A
22 A
Y
W
W(RHD)
R(RHD)
2 DD1
1 DD2
3 DD1 (LHD)
2 DD2 (RHD)
B
W
4 AD9
5 AD9
SB
W
R (RHD)
W (RHD)
D47
Junction
Connector
4
15
5
16
12
1
5
16
3
14
D51
Junction Connector
3
14
6
17
7
18
P(LHD)
W(LHD)
LG (LHD)
W (LHD)
P (RHD)
W (RHD)
P (RHD)
W (RHD)
B (LHD)
W (LHD)
2 ED1
7 ED1
11 A
12 A
CANH
CANL
D33(A)
A/C Amplifier Assembly
11 A
12 A
CANH
CANL
D33(A)
A/C Amplifier Assembly
2 B
8 B
CANH
CANL
D5(B)
Power Steering ECU Assembly
W
GR
W
W
L
W
GR
W
W
L
W
P

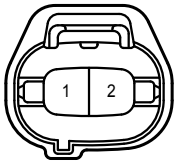

LG
LG
B
W
W
B
D47
Junction Connector
14
25
A24
Skid Control ECU with Actuator Assembly
CANL
CANH
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
SP1
15
4
8
19
19
18
7
6
5
4
17
16
11
W
L
GR
W
LG
V
P
L
R
L
B
V
V
Speed Sensors
W
GR
W
W
L
W
P
W
V
W
P


LG
(IG)
7. 5A
GAUGE
NO. 2
(BAT)
10A
DOME
(BAT)
10A
ECU–B
NO. 1
12 1G
11 ED3
13 1D
10 1L
12 ED1
10 ED3
10 1D
1 1F
G
GR
LG
BE
W
SB
7 A
6 B
D46(A), E17(B)
Junction
Connector
E16
Junction Connector
2
1
4
5
9
21
22
+S
IG2
IG+
B2
B
Power Supply Circuit
+B(DOME) or IG
Check Engine
Master Warning
Drive
IC
Micro Computer
CAN I/F
Buzzer
CHK
SI
CANL
CANH
ES
E2
E1
Combination Meter
10
29
26
25
20
40
15 ED5
13 ED5
16 AD4
V
P
W–B
15 B
22 A
D48
Junction
Connector
19
18
22
21
D3
E1

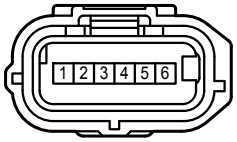
A 9
Black



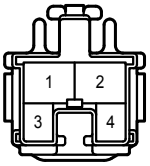
A 10
Black



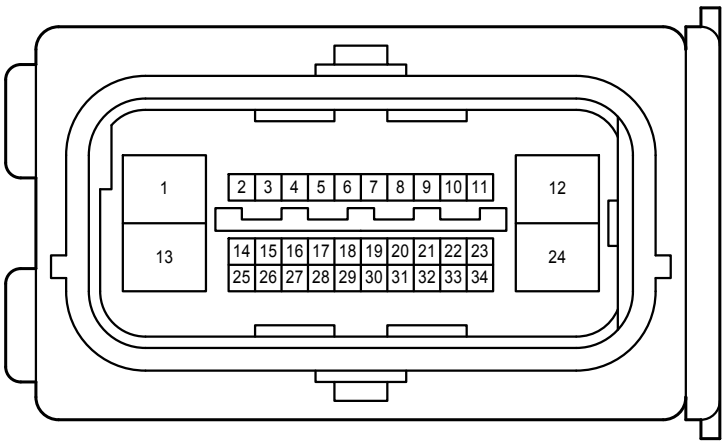
A 19
Black



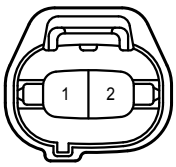
A 20
White



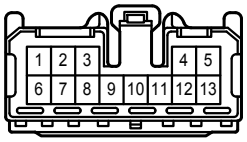
A 24
Black



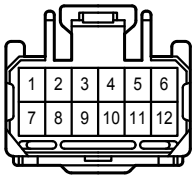
A 35
Black



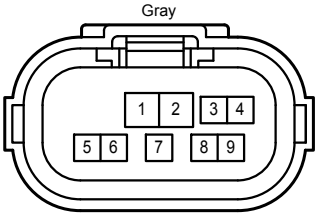
A 39
White



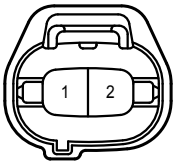
A 52
Black



B 5
Gray



B 8
Black



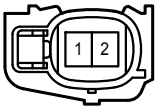
B 10
Black



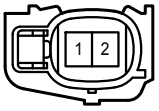
B 11
Gray



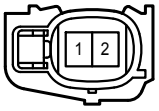
B 13
Brown



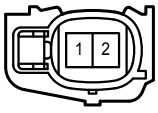
B 14
Brown



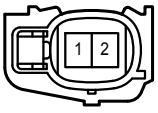
B 15
Brown



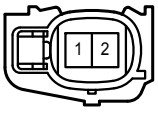
B 16
Brown



B 17
Brown



B 18
Brown



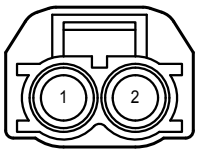
B 19
Dark Gray



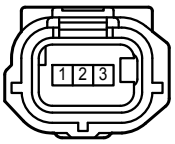
B 20
Dark Gray



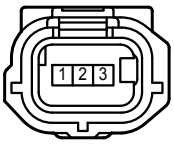
B 21
Black



B 22
Black



B 23
Black



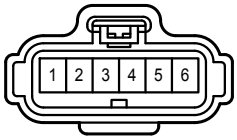
B 24
Black



B 25
Black



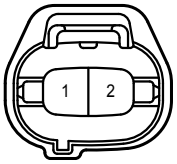
B 27
Black



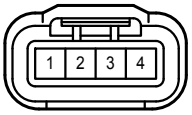
B 28
Gray



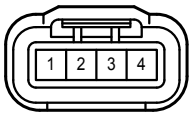
B 29
Black



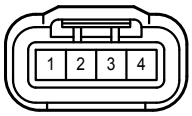
B 30
Black



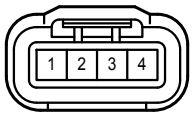
B 31
Black



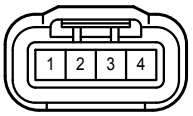
B 32
Black



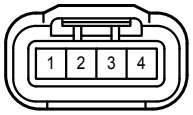
B 33
Black



B 34
Black



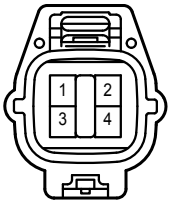
B 35
Black



B 36
Black



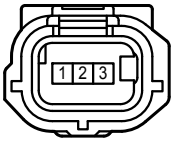
B 38
Gray



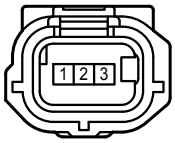
B 40
Black



B 41
Black



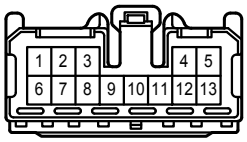
B 42
Black



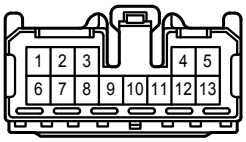
B 43
Black



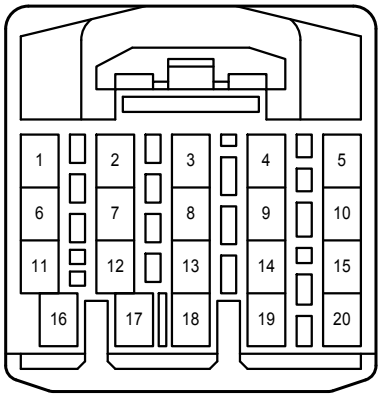
B 45
Blue



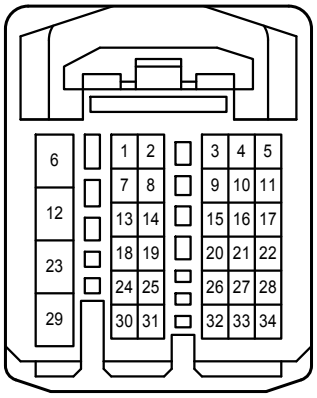
B 46
Black



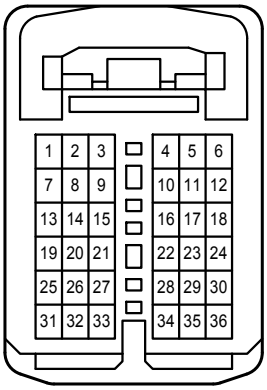
B 47
White



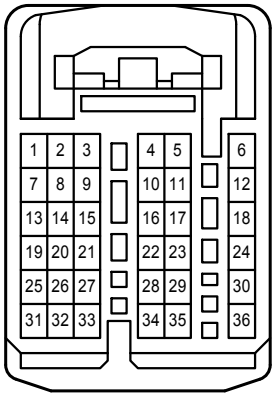
B 48
White



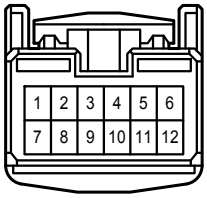
B 49
White



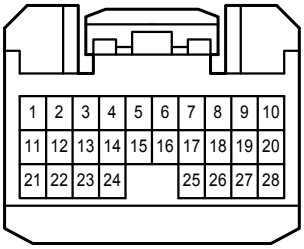
B 50
White



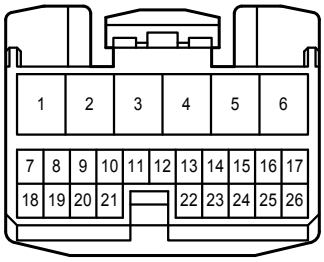
D 5
White



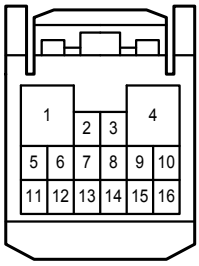
D 6
White



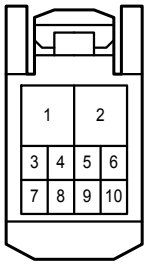
D 7
White



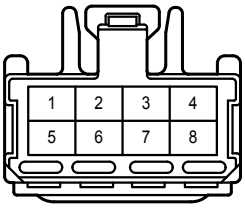
D 8
White



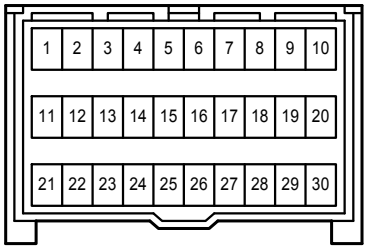
D 9
White



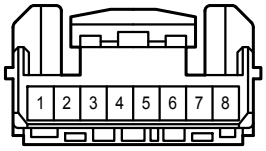
D 21
White



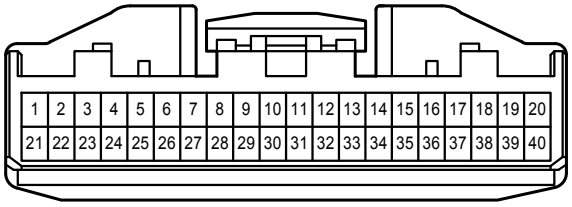
D 27
Yellow



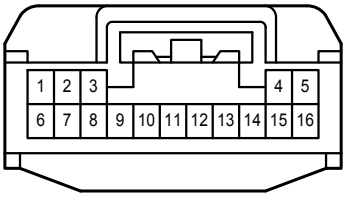
D 28
White



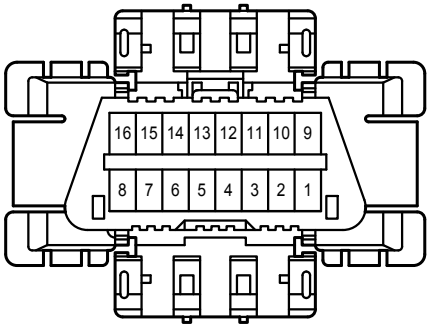
D 33
White



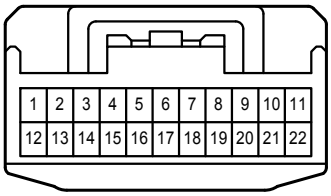
D 37
White



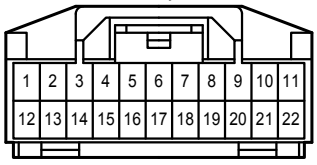
D 43
White



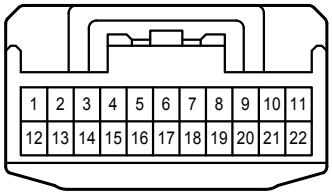
D 46
White



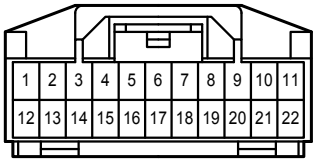
D 47
Gray



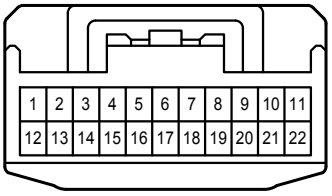
D 48
White



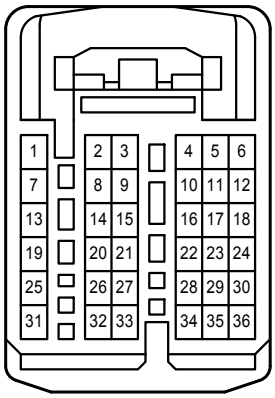
D 49
White



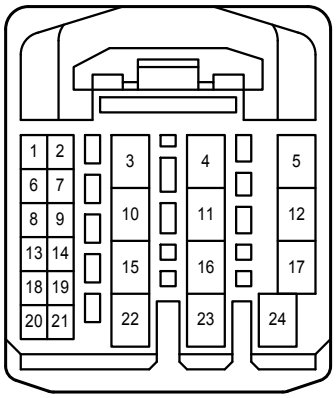
D 51
Gray



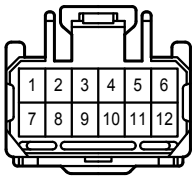
D 55
White



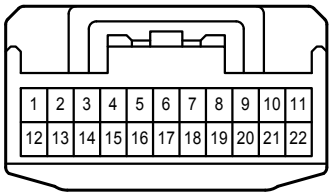
D 56
White



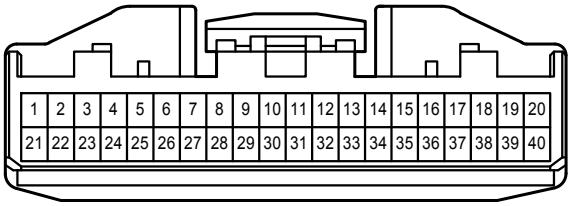
D 59
Black



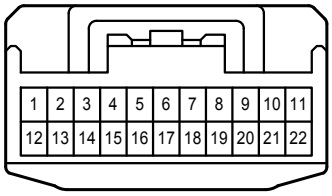
D 60
Blue



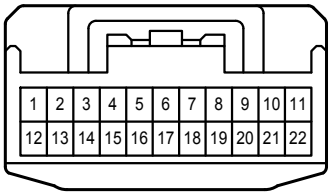
E 1
White



E 16
White



E 17
White



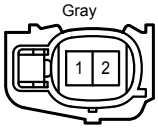
O 9
White



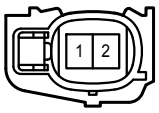
P 1
Gray



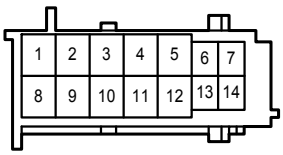
d 1
Gray



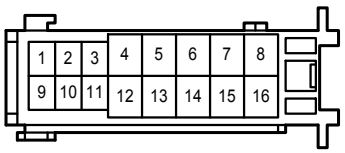
d 2
Black



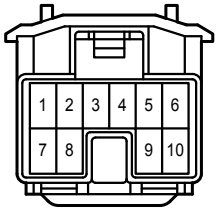
1C
White



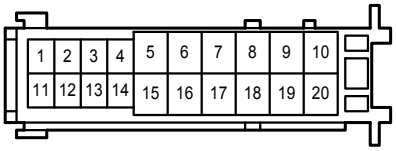
1D
White



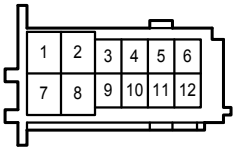
1E
Yellow



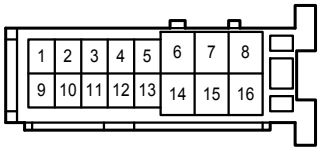
1F
White



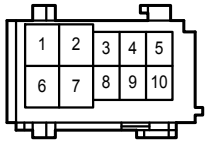
1G
White



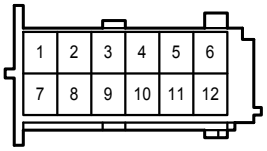
1H
White



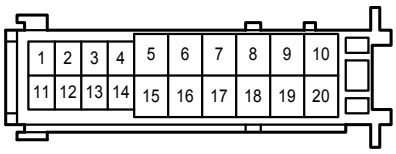
1I
White



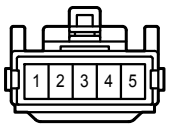
1L
White



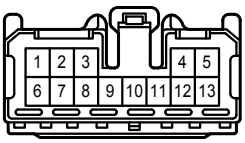
1M
White



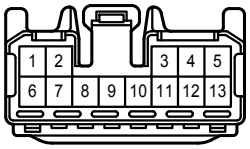
2A
White



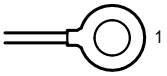
2D
Blue



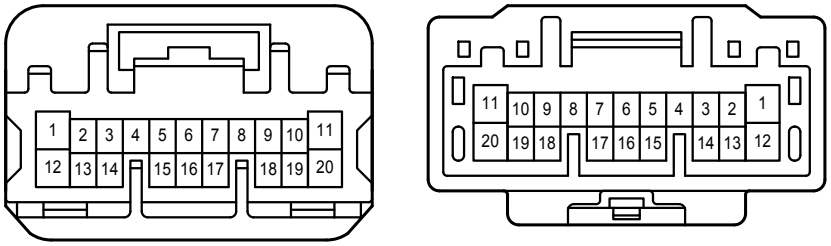
2E
Gray



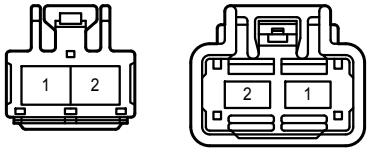
2G



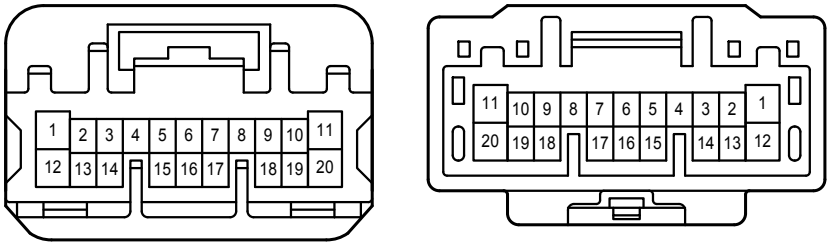
AD4
Gray



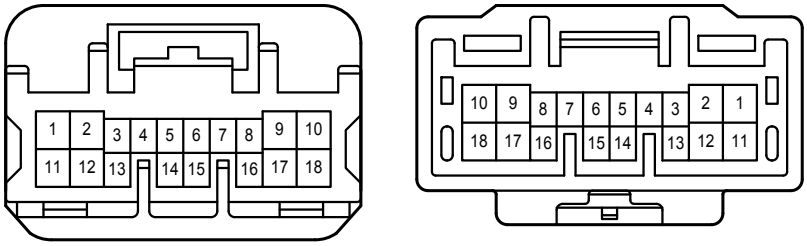
AD7
White



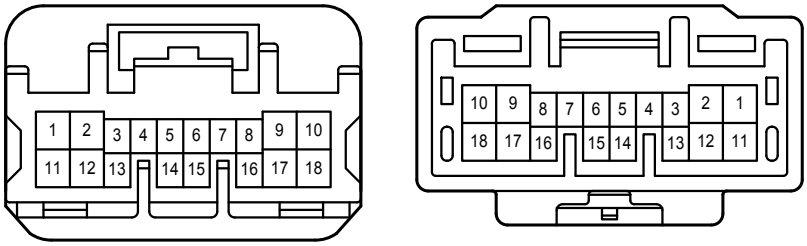
AD9
Gray



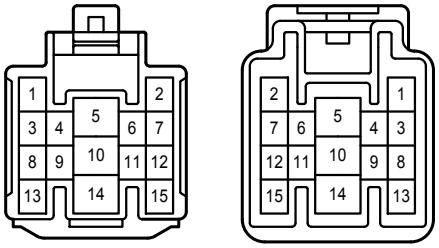
AD11
Blue



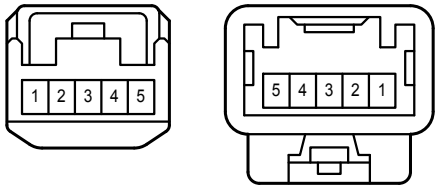
AD13
Blue



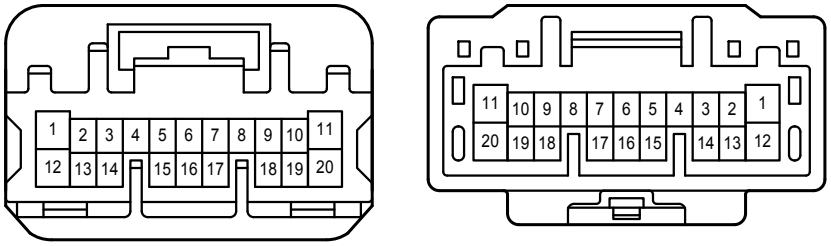
BA1
White



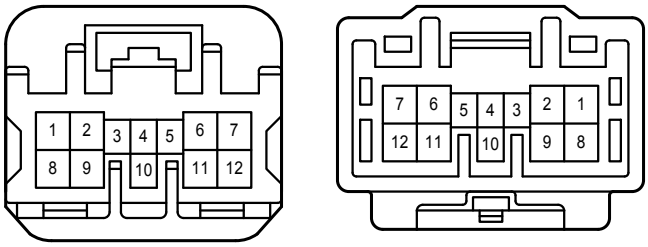
BB1
White



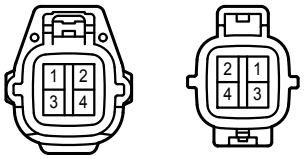
BD1
Gray



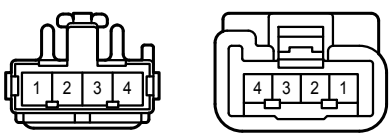
BD3
Gray



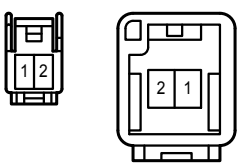
Bd1
Gray



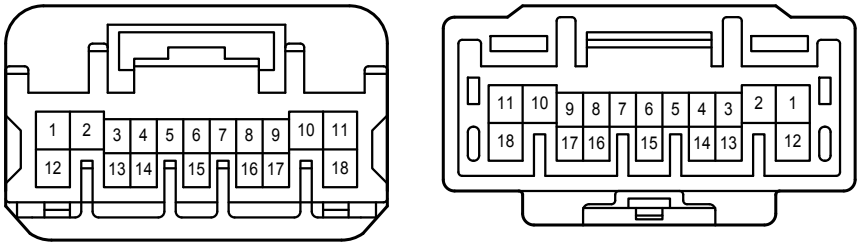
DD1
White



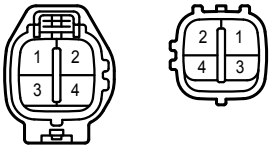
DD2
White



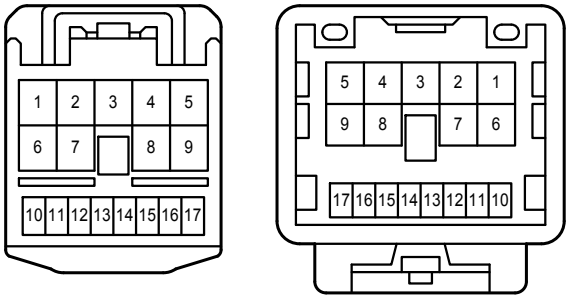
DO3
Black



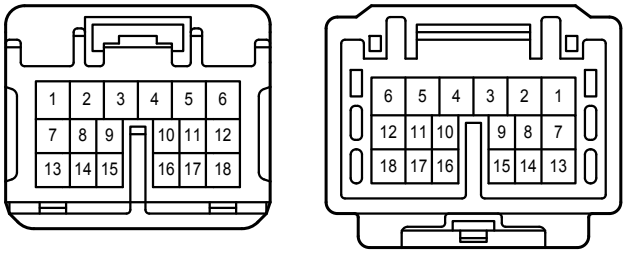
DP1
Gray



ED1
White



ED3
Black



ED5
Gray

