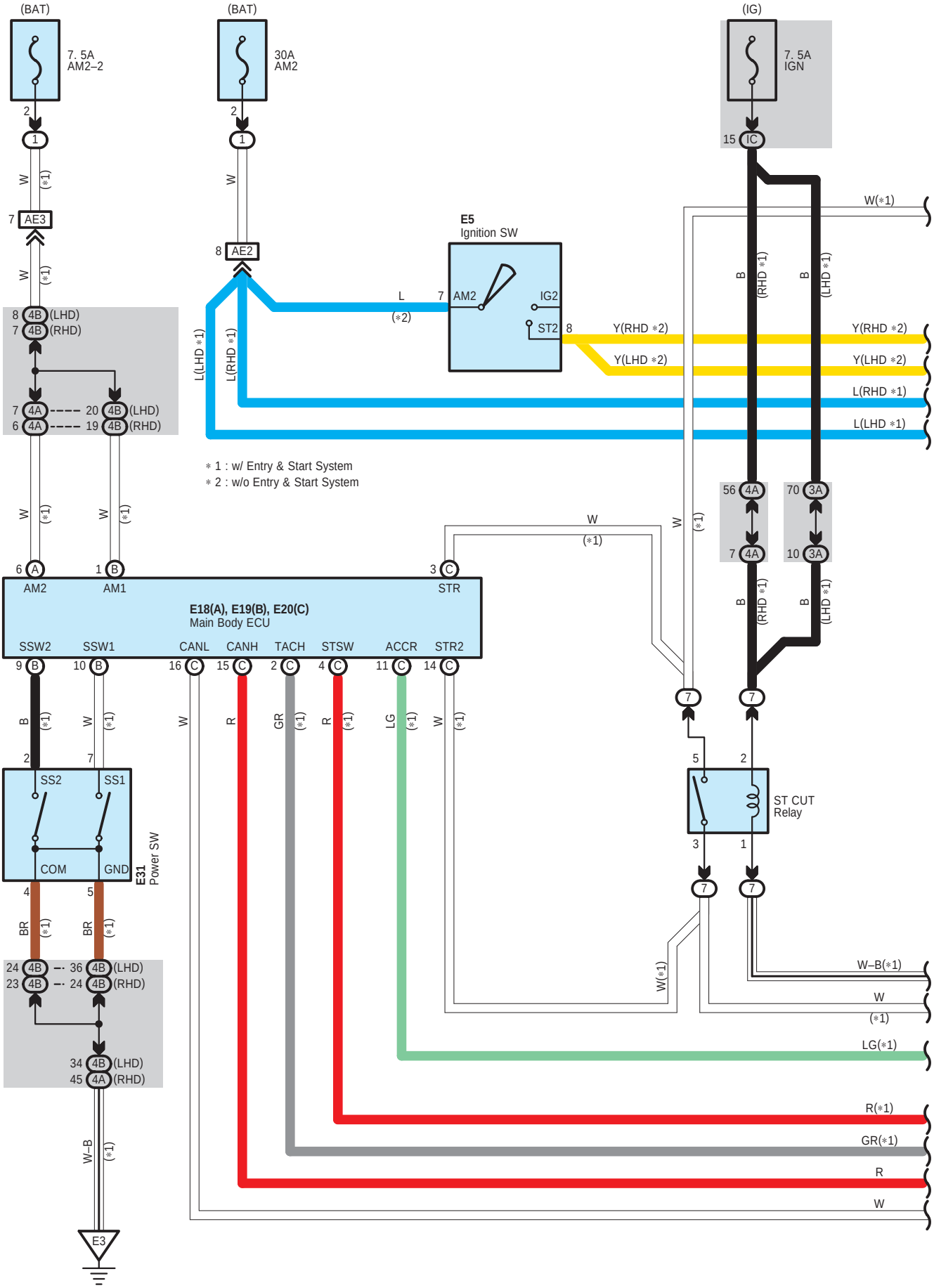
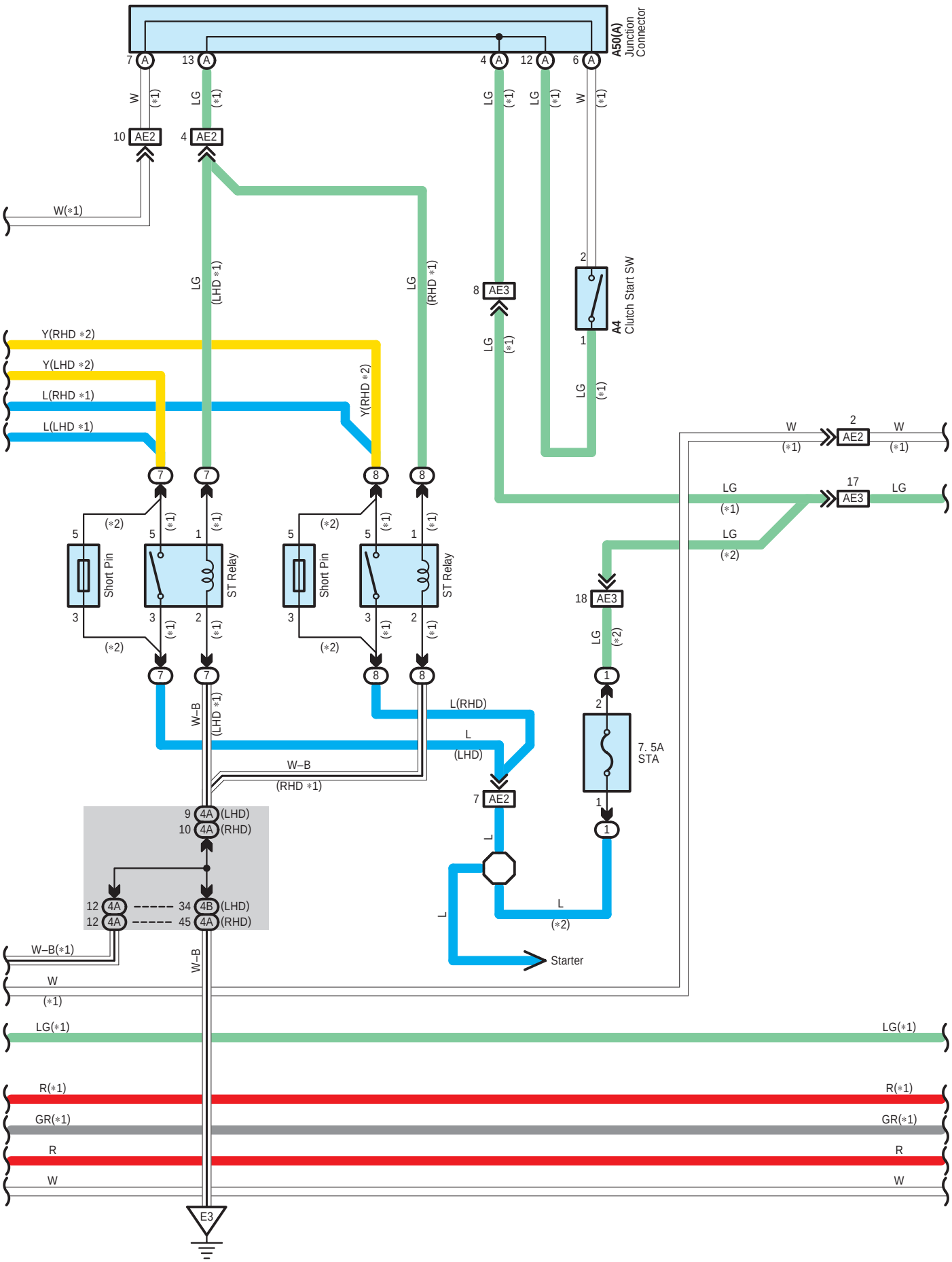
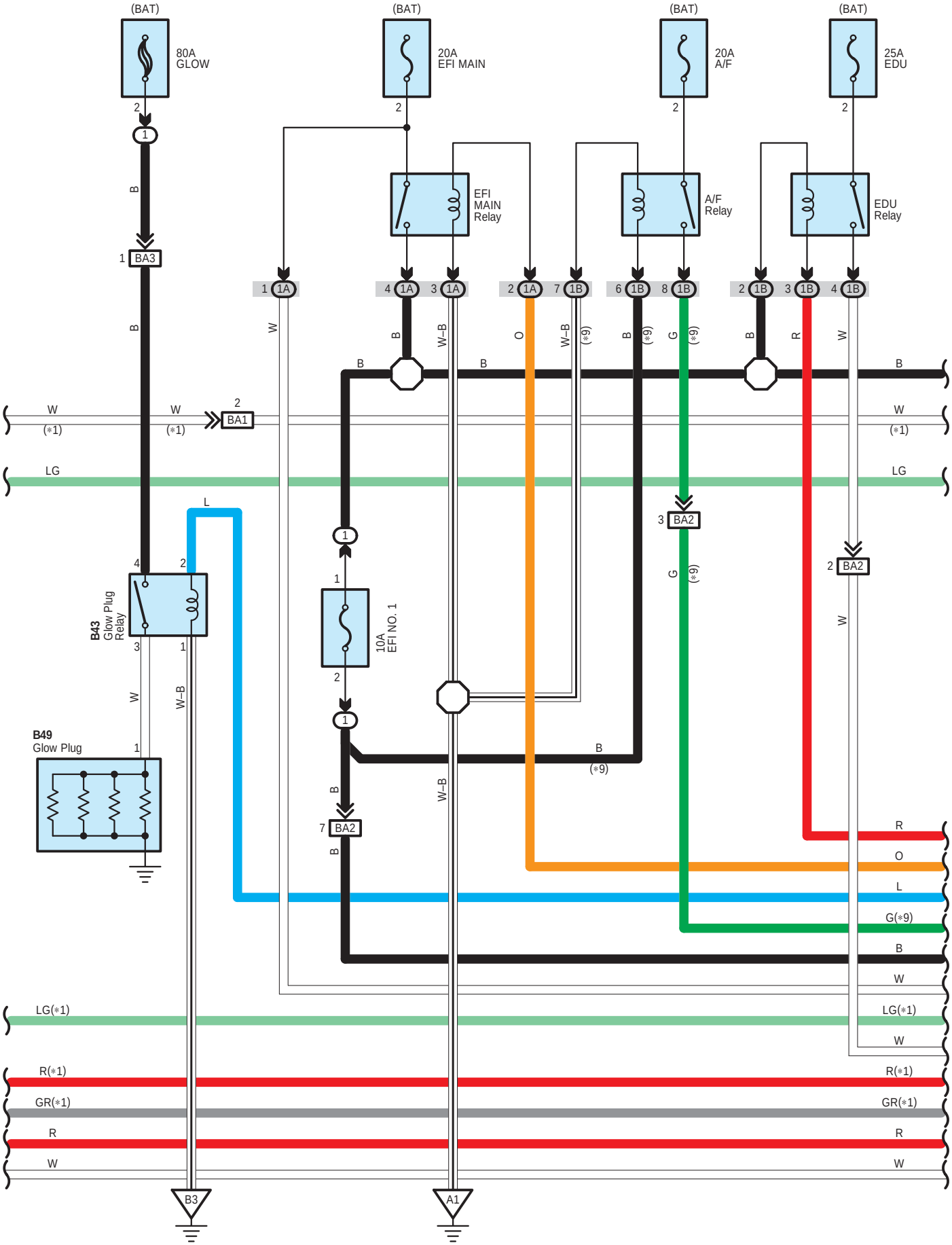
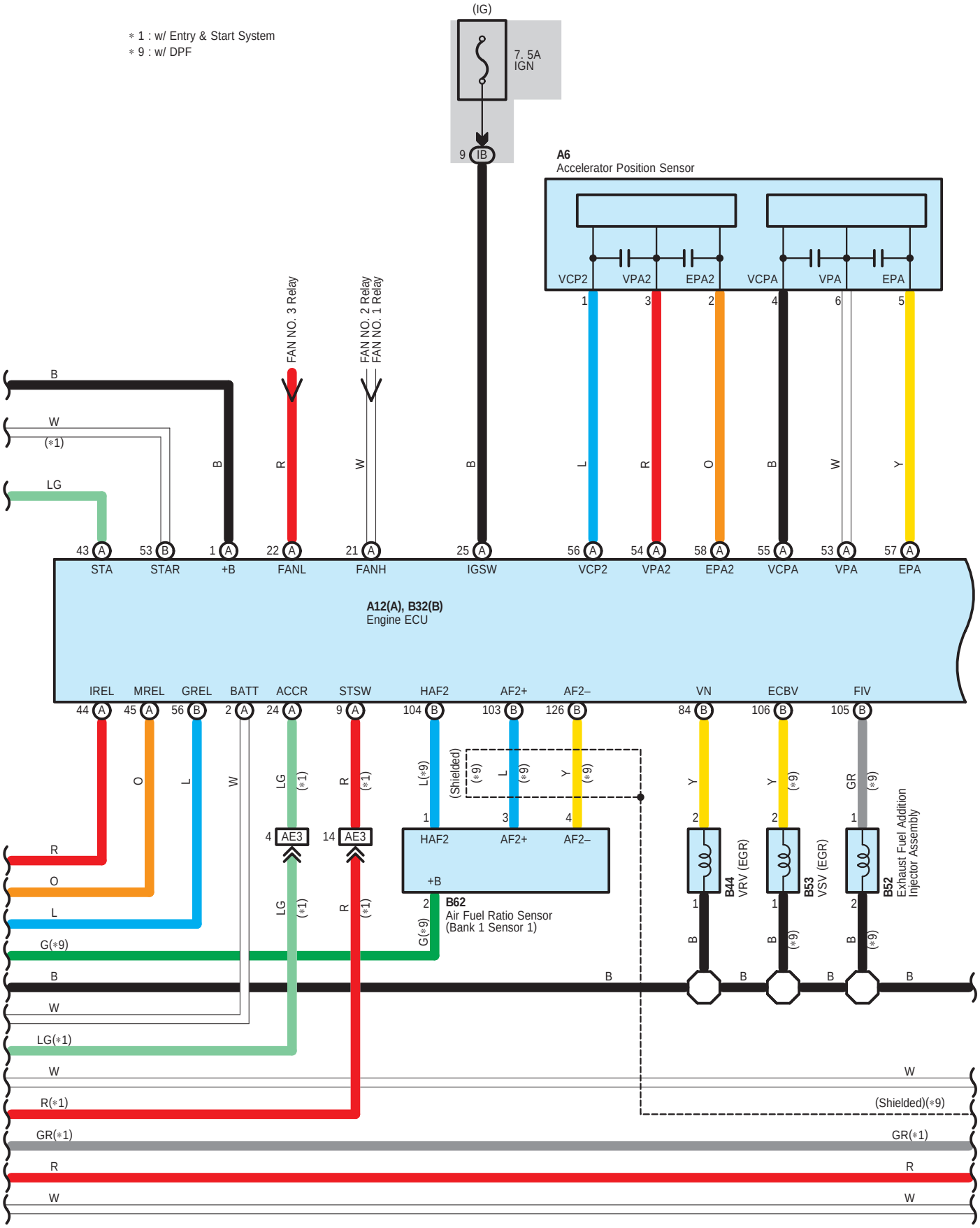
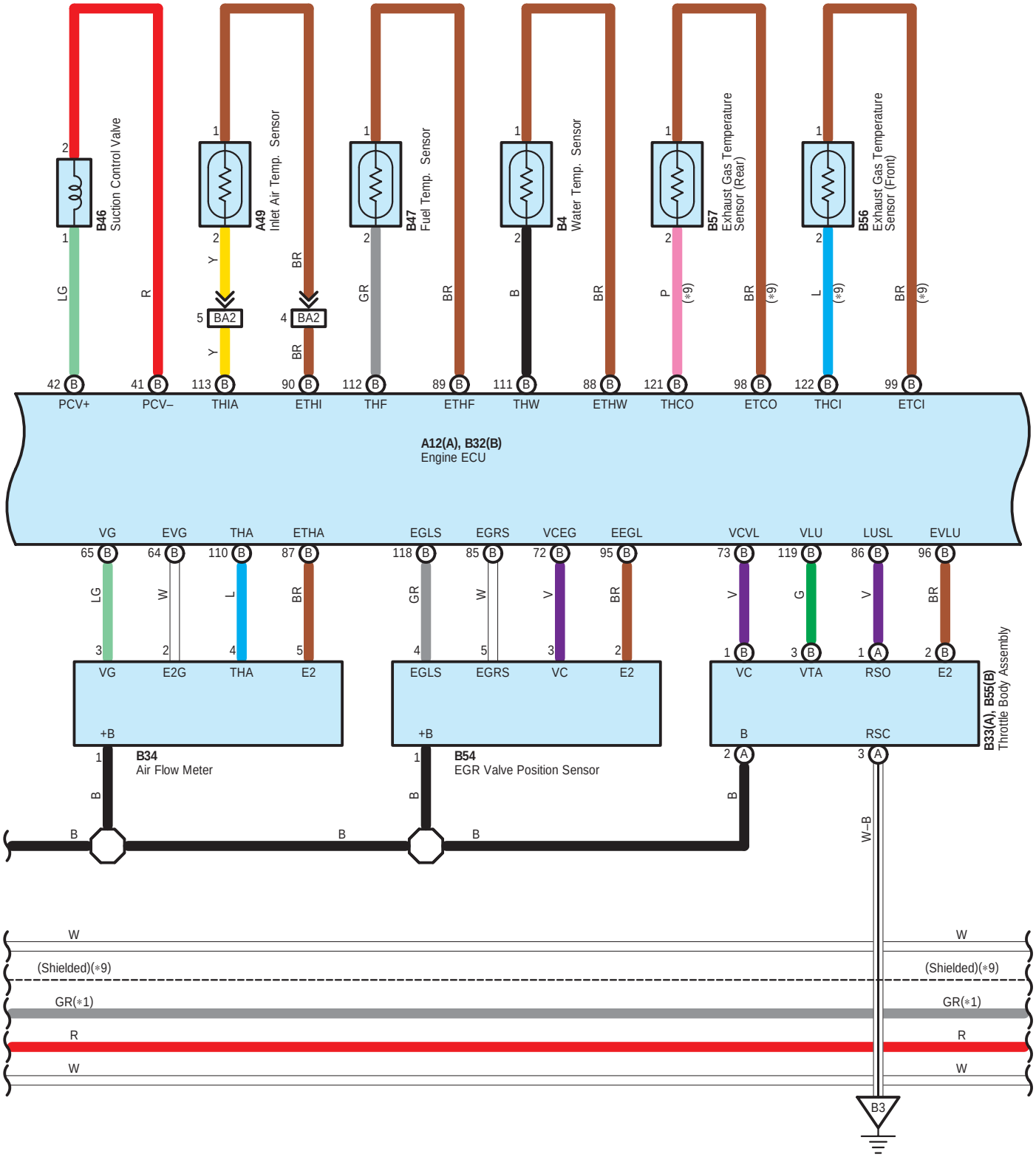

(BAT)
7. 5A
AM2–2
(BAT)
30A
AM2
(IG)
7. 5A
IGN
E5
Ignition SW
AM2
IG2
ST2
AE3
AE2
IC
(LHD)
(RHD)
L(LHD ∗1)
L(RHD ∗1)
Y(RHD ∗2)
Y(LHD ∗2)
L(RHD ∗1)
L(LHD ∗1)
W(∗1)
∗ 1 : w/ Entry & Start System
∗ 2 : w/o Entry & Start System
AM2
AM1
STR
E18(A), E19(B), E20(C)
Main Body ECU
SSW2
SSW1
CANL
CANH
TACH
STSW
ACCR
STR2
SS2
SS1
COM
GND
E31
Power SW
ST CUT
Relay
W–B(∗1)
LG(∗1)
R(∗1)
GR(∗1)
E3

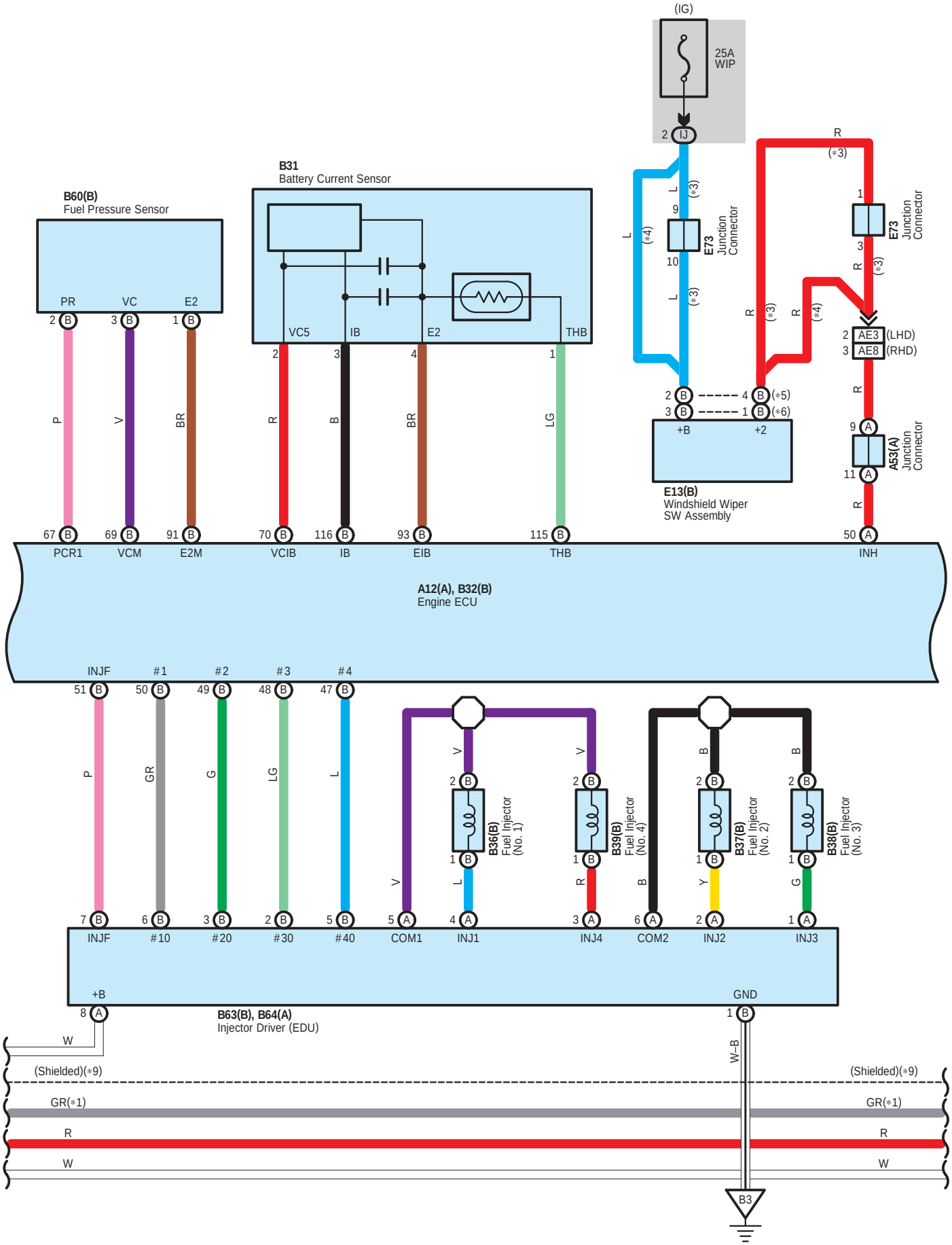

A50(A)
Junction
Connector
7 A
13 A
4 A
12 A
6 A
W
(*1)
LG
(*1)
10 AE2
4 AE2
W(*1)
LG
(LHD *1)
LG
(RHD *1)
8 AE3
LG
(*1)
2
1
A4
Clutch Start SW
LG
(*1)
Y(RHD *2)
Y(LHD *2)
L(RHD *1)
L(LHD *1)
Y(RHD *2)
W
(*1)
2
AE2
W
(*1)
LG
(*1)
17
AE3
LG
LG
(*2)
7
7
8
8
5
(*2)
5
(*1)
1
(*1)
Short Pin
ST Relay
3
3
(*1)
2
(*1)
(*2)
18 AE3
LG
(*2)
1
2
7. 5A
STA
1
1
W–B
(LHD *1)
L(RHD)
L
(LHD)
W–B
(RHD *1)
7 AE2
L
L
L
(*2)
9 4A (LHD)
10 4A (RHD)
12 4A
34 4B (LHD)
12 4A
45 4A (RHD)
W–B(*1)
W–B
Starter
W
(*1)
LG(*1)
LG(*1)
R(*1)
R(*1)
GR(*1)
GR(*1)
R
R
W
W
E3

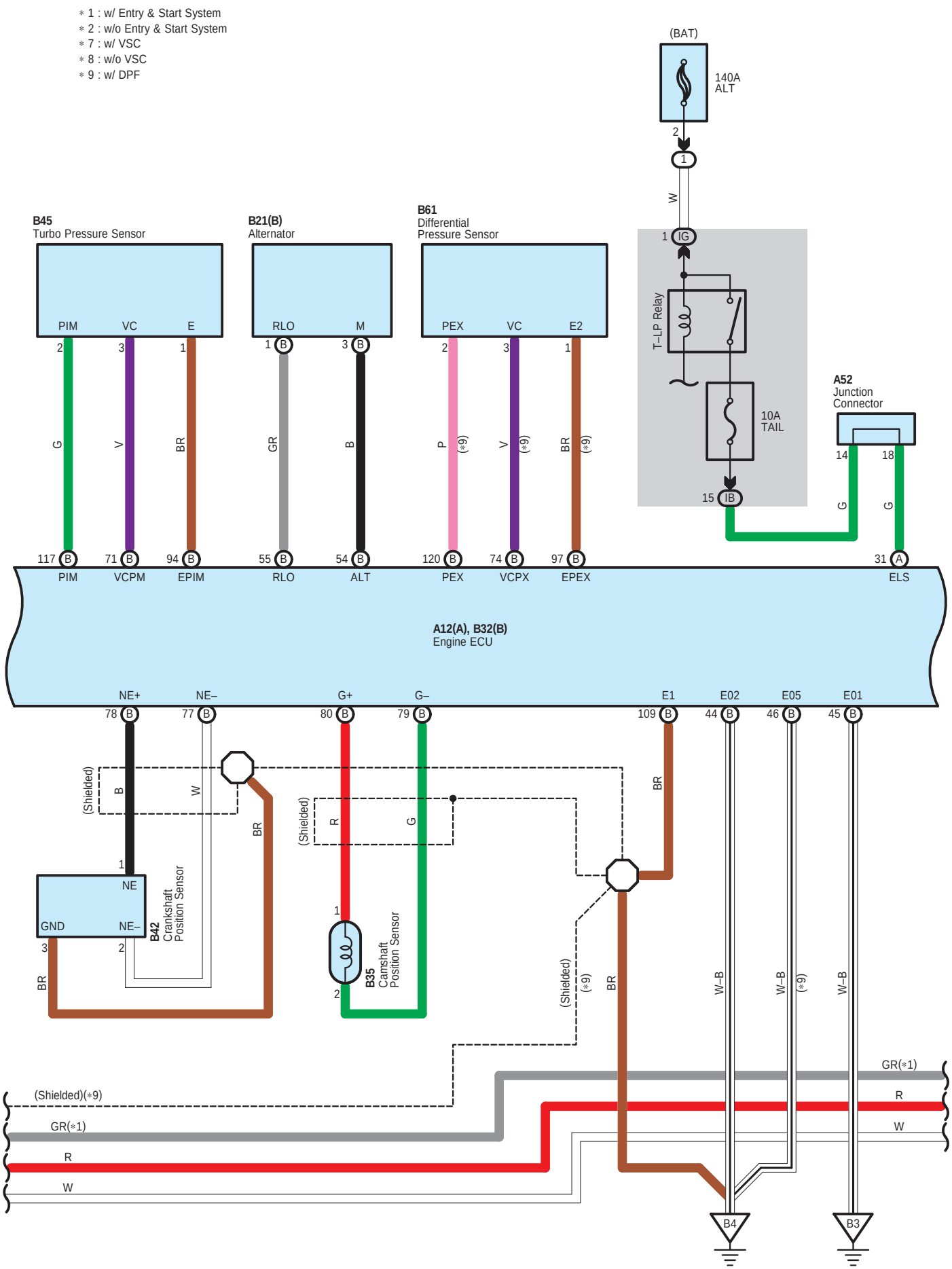

(BAT)
80A
GLOW
20A
EFI MAIN
20A
A/F
25A
EDU
EFI
MAIN
Relay
A/F
Relay
EDU
Relay
BA3
BA1
BA2
B43
Glow Plug
Relay
B49
Glow Plug
10A
EFI NO. 1
B3
A1
W
(*1)
LG
LG(*1)
R(*1)
GR(*1)
R
W
B
W–B
O
G
(*9)
L
G(*9)

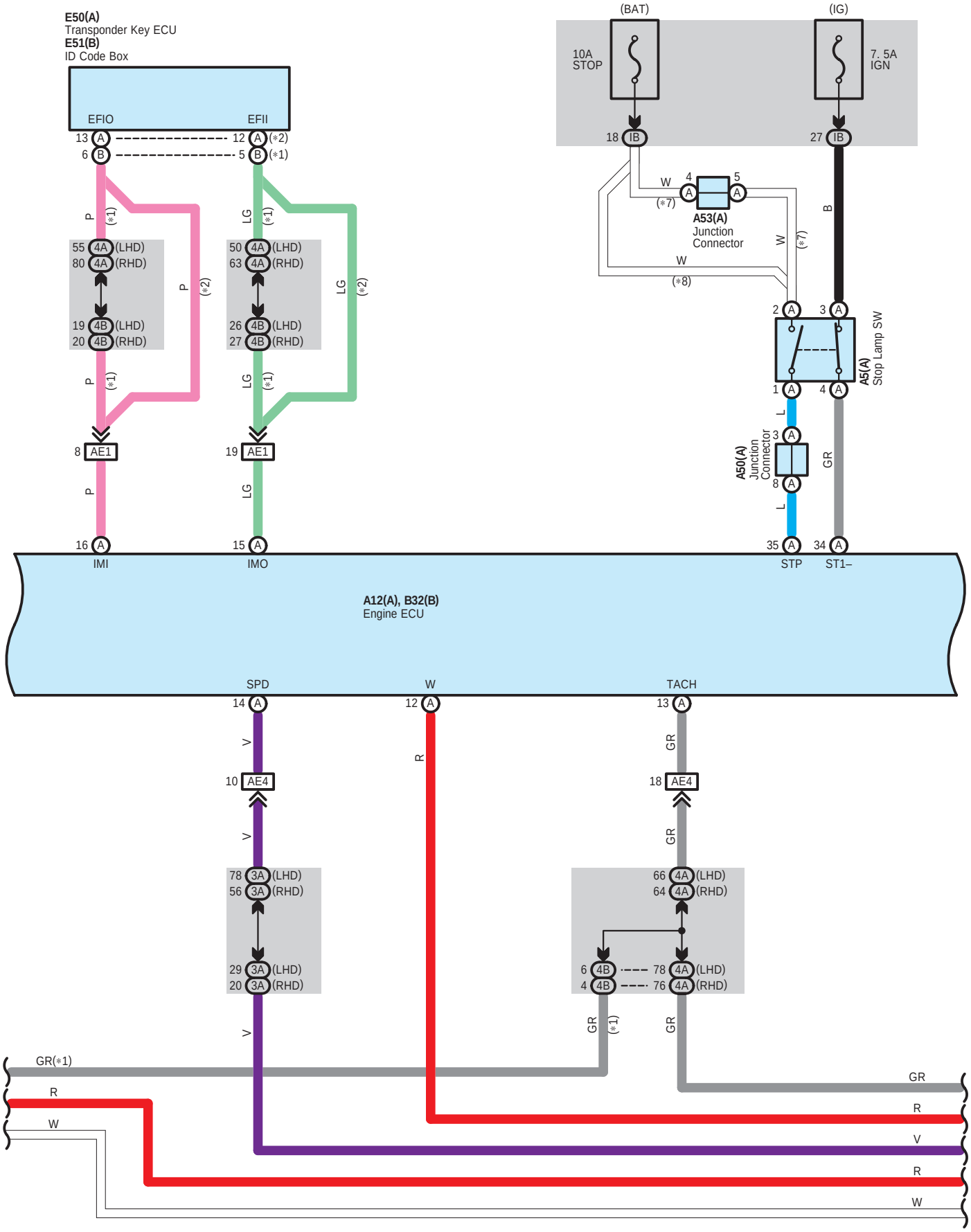

∗1 : w/ Entry & Start System
∗9 : w/ DPF
(IG)
7. 5A
IGN
9 IB
A6
Accelerator Position Sensor
VCP2
VPA2
EPA2
VCPA
VPA
EPA
FAN NO. 3 Relay
FAN NO. 2 Relay
FAN NO. 1 Relay
43 STA
53 STAR
1 +B
22 FANL
21 FANH
25 IGSW
56 VCP2
54 VPA2
58 EPA2
55 VCPA
53 VPA
57 EPA
A12(A), B32(B)
Engine ECU
IREL
MREL
GREL
BATT
ACCR
STSW
HAF2
AF2+
AF2–
VN
ECBV
FIV
44
45
56
2
24
9
104
103
126
84
106
105
4 AE3
14 AE3
(Shielded)
HAF2
AF2+
AF2–
+B
B62
Air Fuel Ratio Sensor
(Bank 1 Sensor 1)
B44
VRV (EGR)
B53
VSV (EGR)
B52
Exhaust Fuel Addition
Injector Assembly
G(∗9)
LG(∗1)
R(∗1)
GR(∗1)
(Shielded)(∗9)

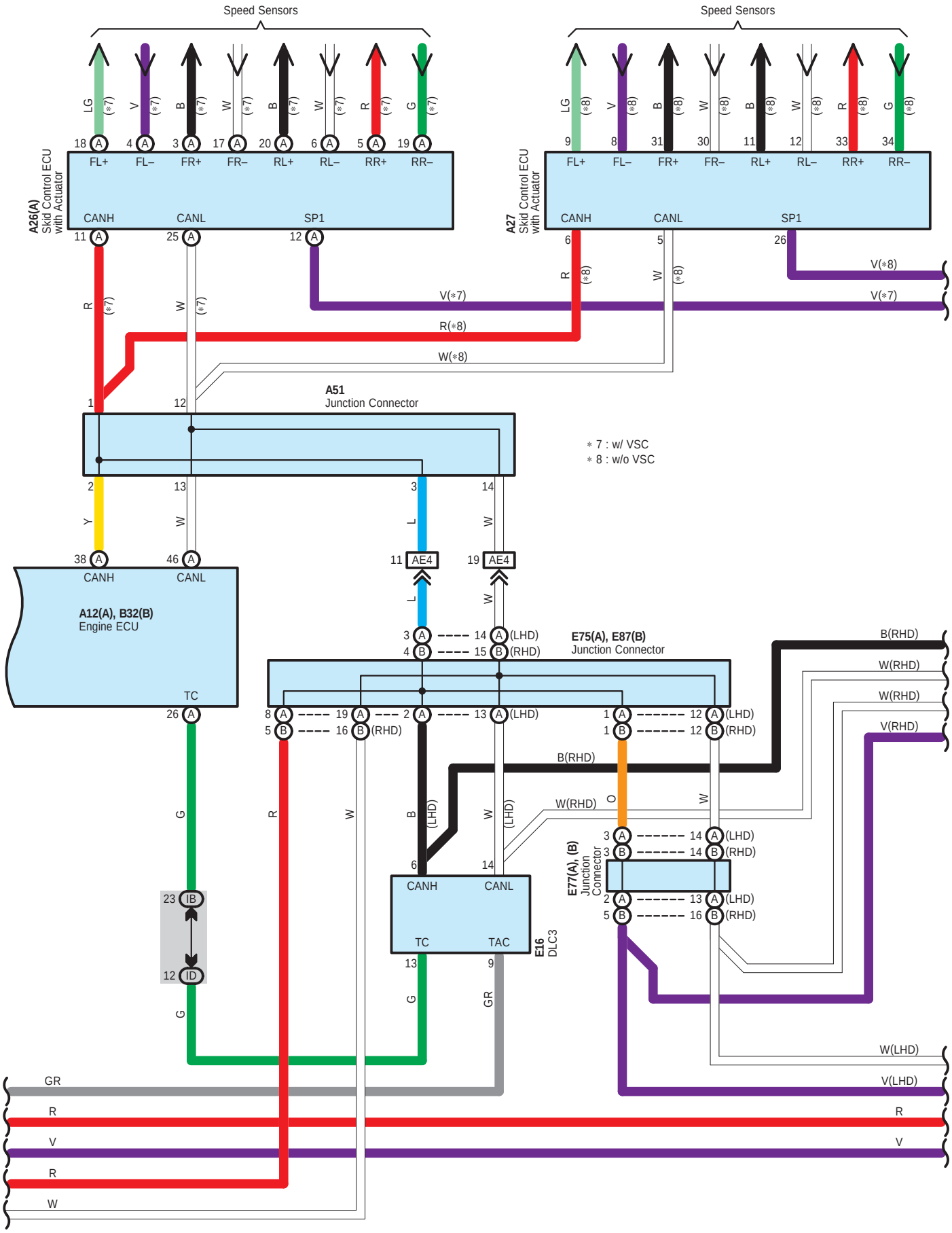
∗ 1 : w/ Entry & Start System
∗ 3 : w/ Auto Wiper System
∗ 4 : w/o Auto Wiper System
∗ 5 : RH Wiper Lever Type
∗ 6 : LH Wiper Lever Type
∗ 9 : w/ DPF

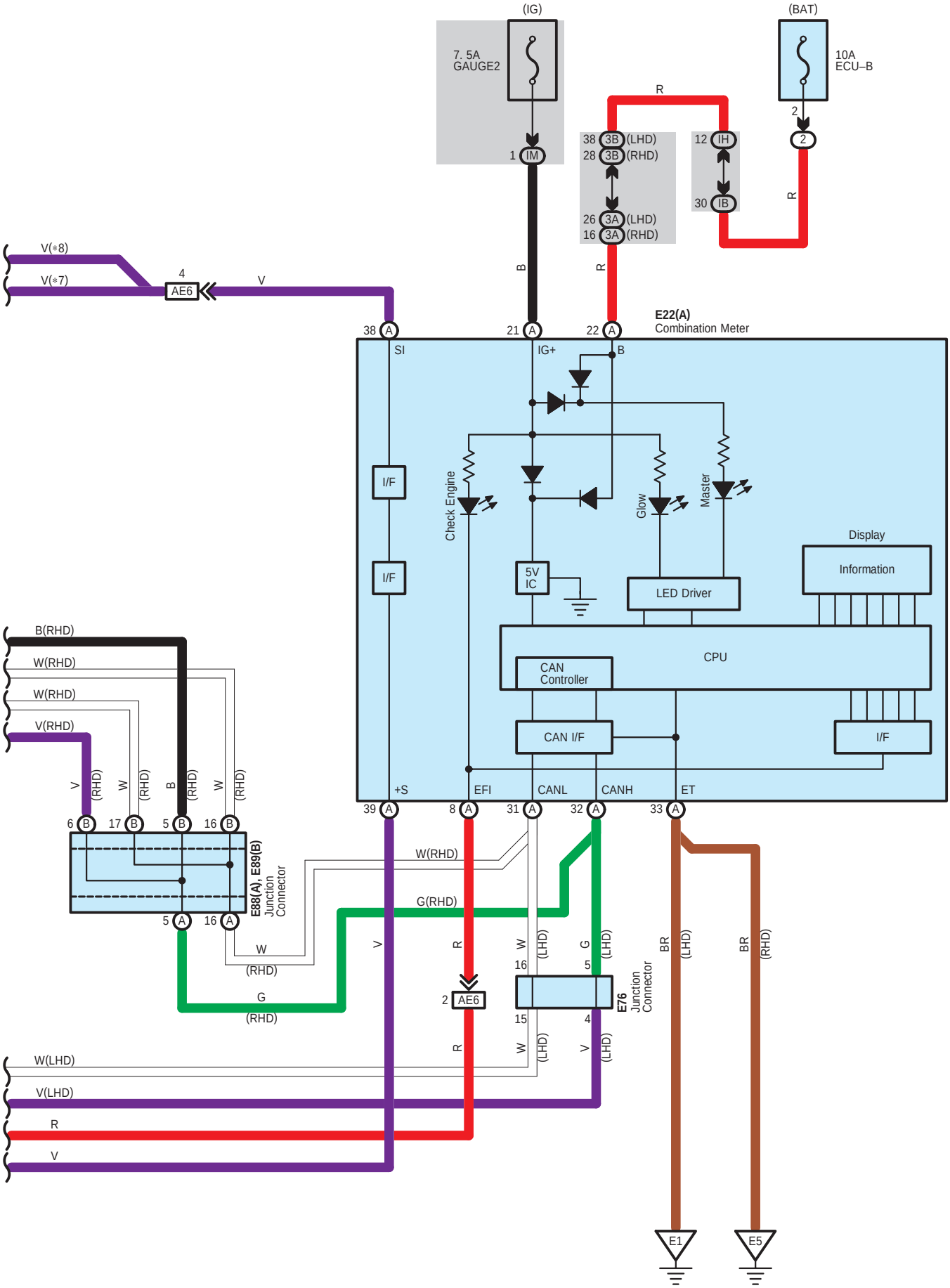



(IG)
25A
WIP
2 IJ
B60(B)
Fuel Pressure Sensor
PR
VC
E2
B31
Battery Current Sensor
VC5
IB
E2
THB
E73
Junction
Connector
E13(B)
Windshield Wiper
SW Assembly
+B
+2
AE3 (LHD)
AE8 (RHD)
A53(A)
Junction
Connector
67 PCR1
69 VCM
91 E2M
70 VCIB
116 IB
93 EIB
115 THB
50 INH
A12(A), B32(B)
Engine ECU
INJF
#1
#2
#3
#4
B36(B)
Fuel Injector
(No. 1)
B39(B)
Fuel Injector
(No. 4)
B37(B)
Fuel Injector
(No. 2)
B38(B)
Fuel Injector
(No. 3)
INJF
#10
#20
#30
#40
COM1
INJ1
INJ4
COM2
INJ2
INJ3
+B
GND
B63(B), B64(A)
Injector Driver (EDU)
(Shielded)(*9)
GR(*1)
B3

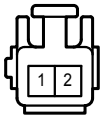

∗ 1 : w/ Entry & Start System
∗ 2 : w/o Entry & Start System
∗ 7 : w/ VSC
∗ 8 : w/o VSC
∗ 9 : w/ DPF
(BAT)
140A
ALT
B45
Turbo Pressure Sensor
PIM
VC
E
B21(B)
Alternator
RLO
M
B61
Differential
Pressure Sensor
PEX
VC
E2
T–LP Relay
IG
IB
10A
TAIL
A52
Junction
Connector
117 PIM
71 VCPM
94 EPIM
55 RLO
54 ALT
120 PEX
74 VCPX
97 EPEX
31 ELS
A12(A), B32(B)
Engine ECU
NE+
NE–
G+
G–
E1
E02
E05
E01
78
77
80
79
109
44
46
45
(Shielded)
NE
GND
B42
Crankshaft
Position Sensor
B35
Camshaft
Position Sensor
(∗9)
W–B
GR(∗1)
(Shielded)(∗9)
R
W
B4
B3


E50(A)
Transponder Key ECU
E51(B)
ID Code Box
EFIO
EFII
13 A
6 B
12 A (*2)
5 B (*1)
P (*1)
LG (*1)
55 4A (LHD)
80 4A (RHD)
50 4A (LHD)
63 4A (RHD)
P (*2)
LG (*2)
19 4B (LHD)
20 4B (RHD)
26 4B (LHD)
27 4B (RHD)
8 AE1
19 AE1
16 A
15 A
IMI
IMO
(BAT)
(IG)
10A
STOP
7. 5A
IGN
18 IB
27 IB
W
(*7)
A53(A)
Junction
Connector
B
W (*7)
W
(*8)
A5(A)
Stop Lamp SW
L
A50(A)
Junction
Connector
GR
35 A
34 A
STP
ST1–
A12(A), B32(B)
Engine ECU
SPD
W
TACH
14 A
12 A
13 A
V
R
GR
10 AE4
18 AE4
78 3A (LHD)
56 3A (RHD)
29 3A (LHD)
20 3A (RHD)
66 4A (LHD)
64 4A (RHD)
6 4B
4 4B
78 4A (LHD)
76 4A (RHD)
GR (*1)
GR(*1)
R
W
GR
R
V
R
W

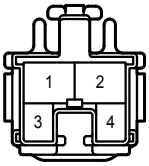

Speed Sensors
Speed Sensors
A26(A)
Skid Control ECU
with Actuator
A27
Skid Control ECU
with Actuator
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
CANH
CANL
SP1
V(∗7)
R(∗8)
W(∗8)
V(∗8)
A51
Junction Connector
∗ 7 : w/ VSC
∗ 8 : w/o VSC
A12(A), B32(B)
Engine ECU
TC
E75(A), E87(B)
Junction Connector
(LHD)
(RHD)
B(RHD)
W(RHD)
V(RHD)
E77(A), (B)
Junction
Connector
E16
DLC3
TAC
W(LHD)
V(LHD)
GR


(IG)
7. 5A
GAUGE2
1 IM
(BAT)
10A
ECU–B
2
2
R
38 3B (LHD)
28 3B (RHD)
26 3A (LHD)
16 3A (RHD)
12 IH
30 IB
R
B
R
V(*8)
V(*7)
4
AE6
V
38 A
21 A
22 A
E22(A)
Combination Meter
SI
IG+
B
I/F
I/F
Check Engine
Glow
Master
5V
IC
LED Driver
Display
Information
CPU
CAN
Controller
CAN I/F
I/F
+S
EFI
CANL
CANH
ET
39 A
8 A
31 A
32 A
33 A
B(RHD)
W(RHD)
W(RHD)
V(RHD)
V (RHD)
W (RHD)
B (RHD)
W (RHD)
6 B
17 B
5 B
16 B
E88(A), E89(B)
Junction
Connector
5 A
16 A
W(RHD)
G(RHD)
W
(RHD)
G
(RHD)
V
R
W (LHD)
G (LHD)
BR (LHD)
BR (RHD)
16
5
2 AE6
15
4
E76
Junction
Connector
R
W (LHD)
V (LHD)
W(LHD)
V(LHD)
R
V
E1
E5

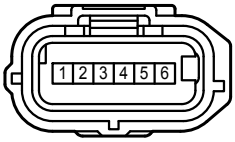
A 4
Black



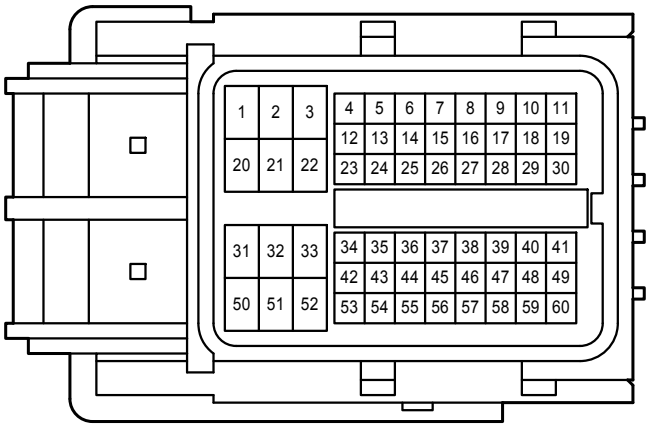
A 5
Black



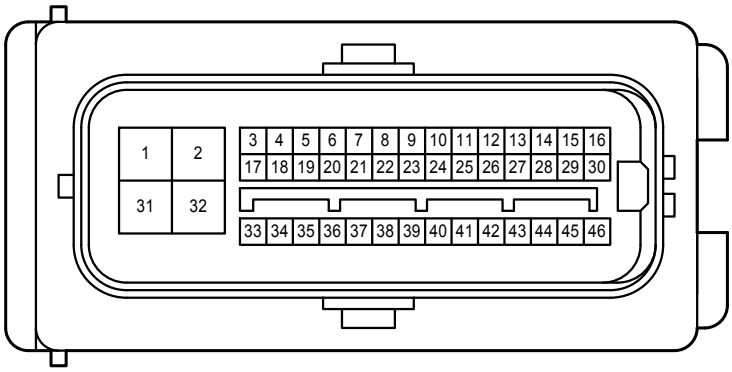
A 6
Black



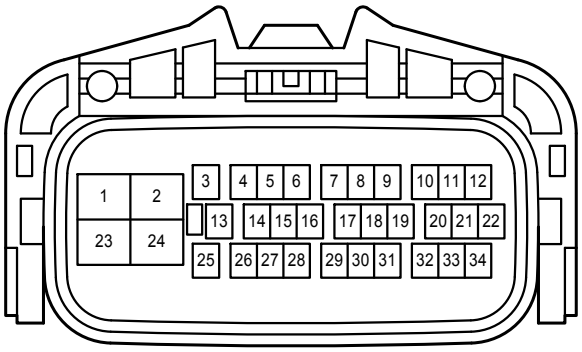
A 12
Black



A 26
Black

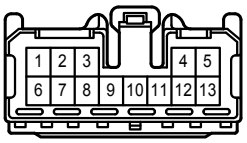


A 27
Black

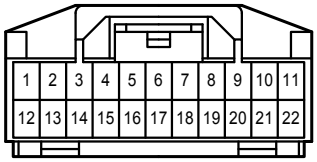


A 49
Gray

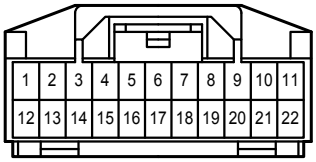
A 50
White



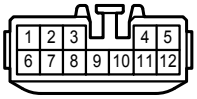
A 51
Gray



A 52
Gray



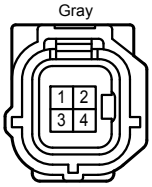
A 53
Black



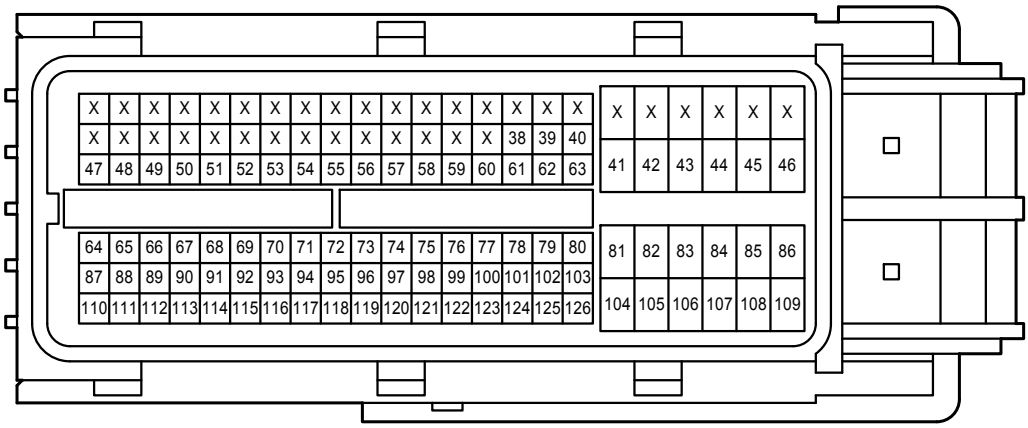
B 4
Gray

B 21
Black

B 31
Gray

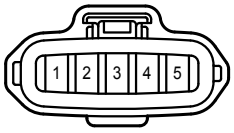


B 32
Black



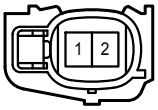
B 33
Black

B 34
Black



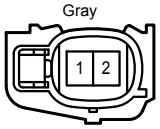
B 35
Black

B 36
Black



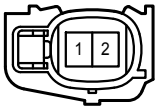
(2AD-FTV)

B 37
Gray



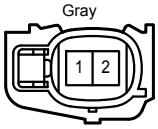
(2AD-FTV)

B 38
Black



(2AD-FTV)

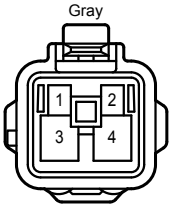
B 39
Gray



(2AD-FTV)

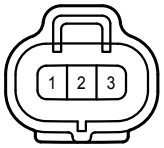
B 42
Gray

B 43
Gray



B 44
Black

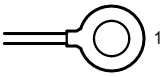
B 45
Black



B 46
Gray

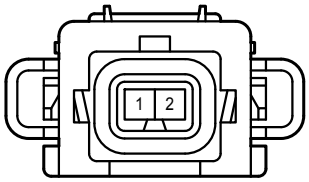
B 47
Gray

B 49

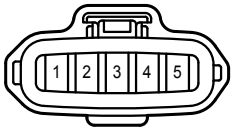


B 52
Black

B 53
Black



B 54
Black

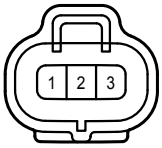


B 55
Black

B 56
Gray

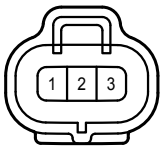
B 57
Dark Gray

B 60
Black



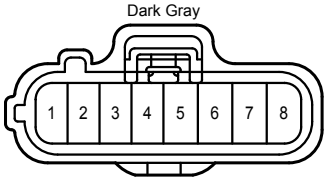
(2AD-FTV)

B 61
Black

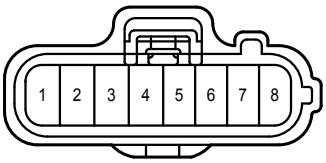


B 62
Dark Gray

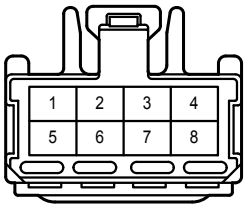
B 63
Dark Gray



B 64
Black

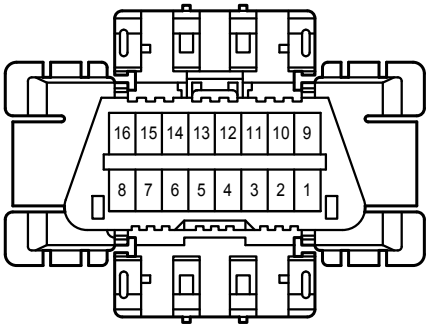


E 5
White

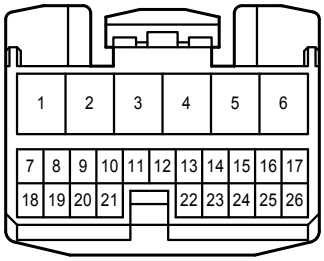


E 13
White

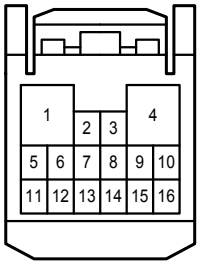
E 16
White



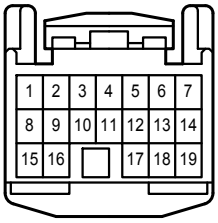
E 18
White



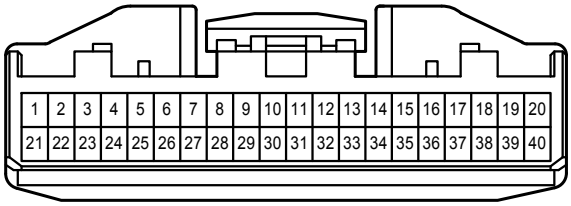
E 19
White



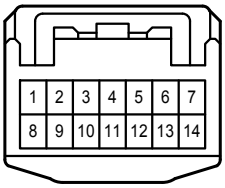
E 20
White



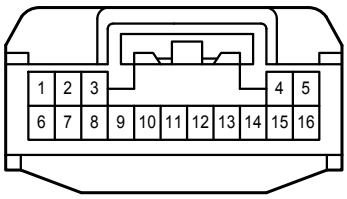
E 22
White



E 31
Black

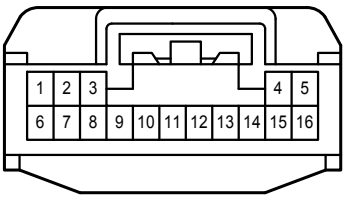


E 50
White



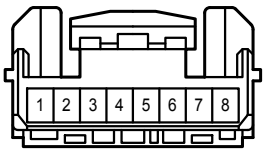
(Before Aug. 2010 Production)

E 50
Black

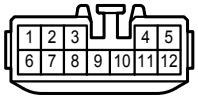


(From Aug. 2010 Production)

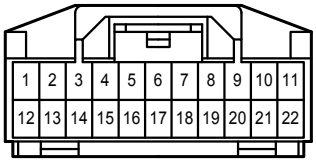
E 51
White



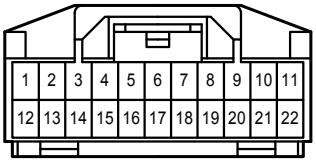
E 73
Black



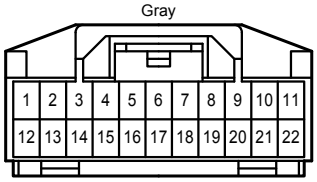
E 75
Gray



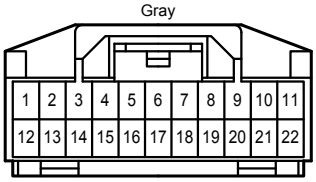
E 76
Black



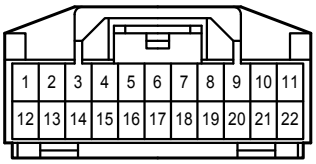
E 77
Gray



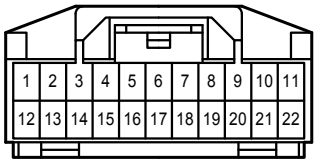
E 87
Gray



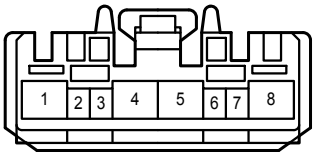
E 88
Blue



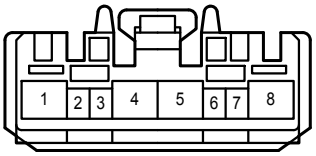
E 89
Blue



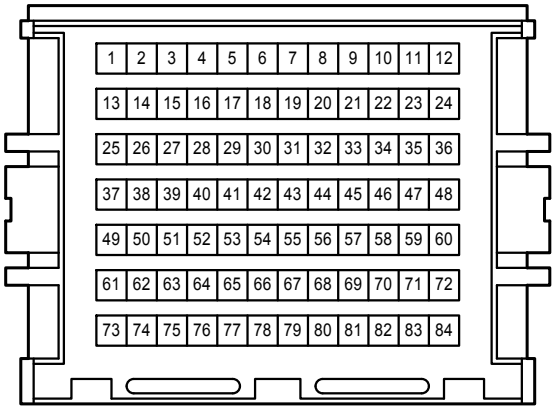
1A
White



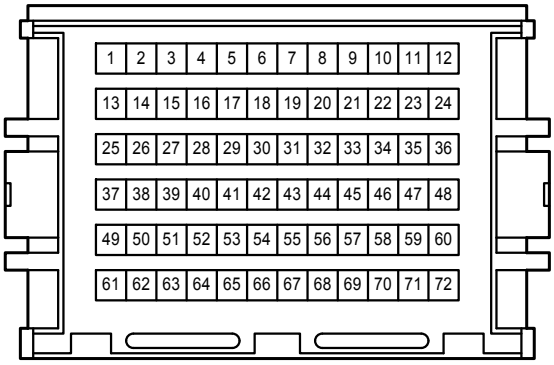
1B
White



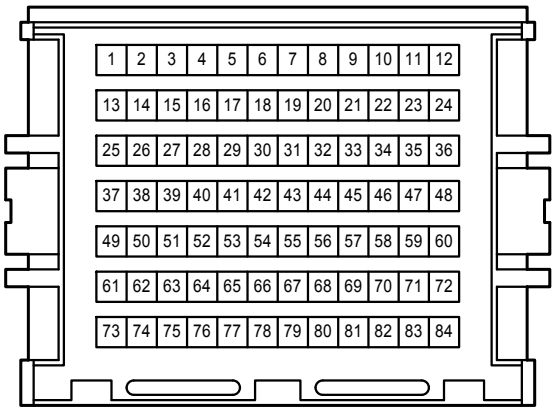
3A
White



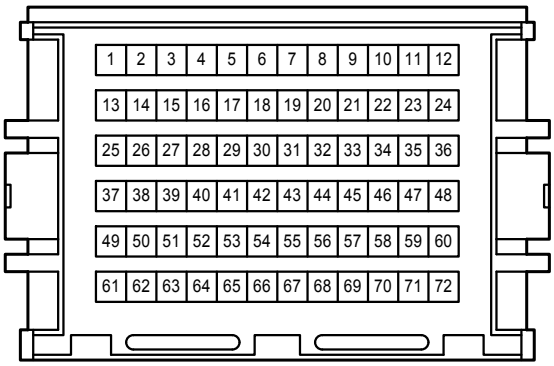
3B
White

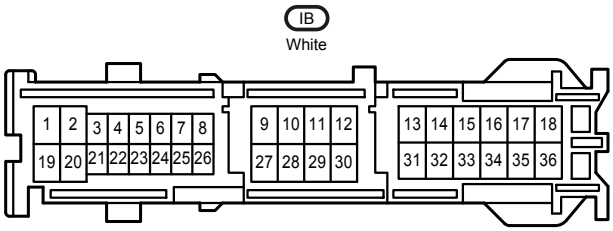


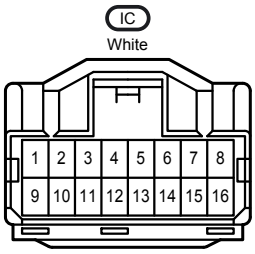
4A
White

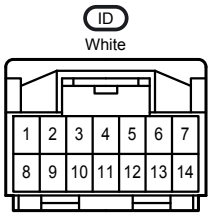


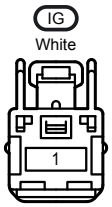
4B
White

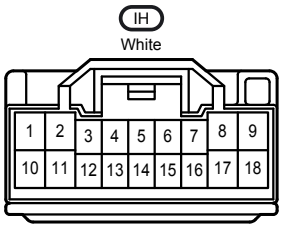


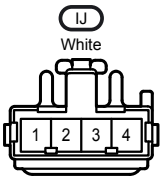

IB
White
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36

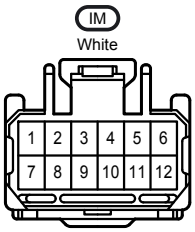

IC
White
1 2 3 4 5 6 7 8
9 10 11 12 13 14 15 16

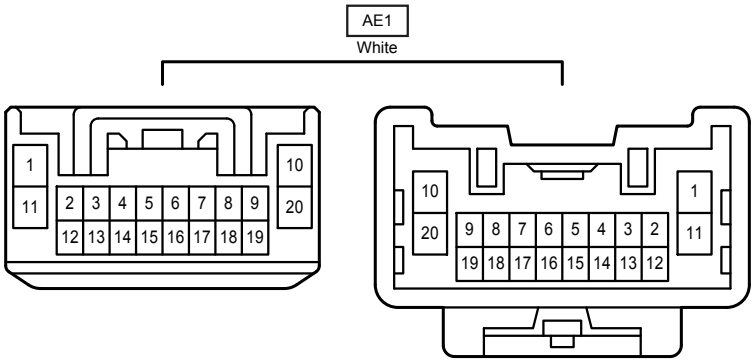

ID
White
1 2 3 4 5 6 7
8 9 10 11 12 13 14

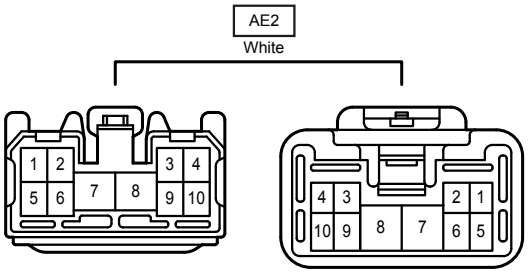

IG
White
1

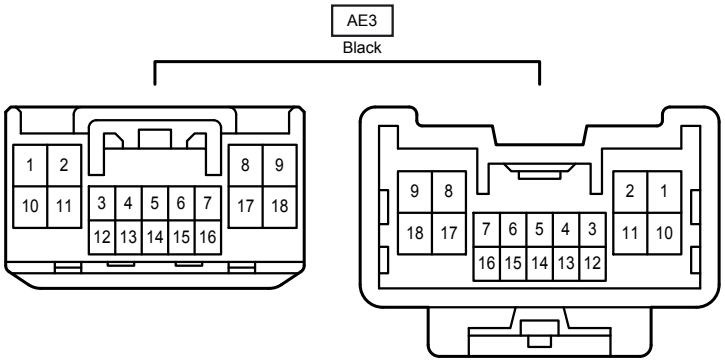

IH
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18

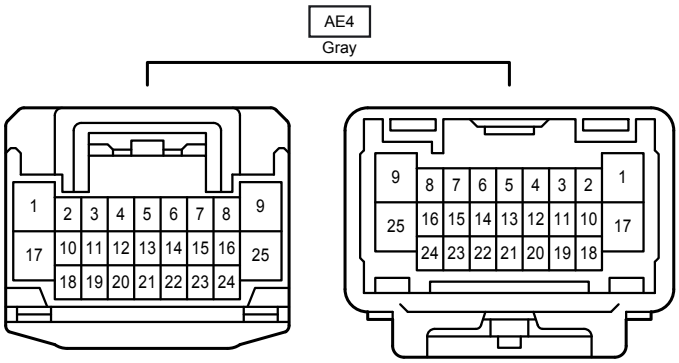

IJ
White
1 2 3 4

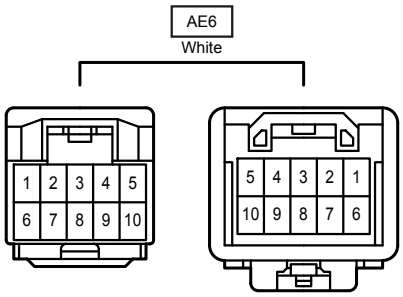

IM
White
1 2 3 4 5 6
7 8 9 10 11 12

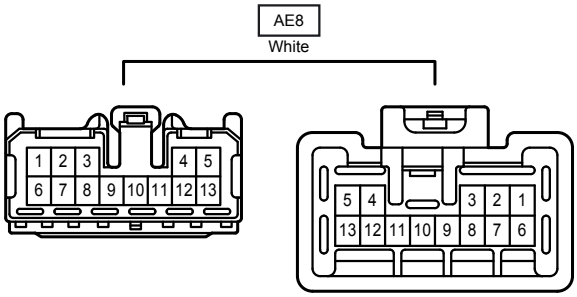

AE1
White
1 10
11 2 3 4 5 6 7 8 9 20
12 13 14 15 16 17 18 19
10 1
20 9 8 7 6 5 4 3 2 11
19 18 17 16 15 14 13 12

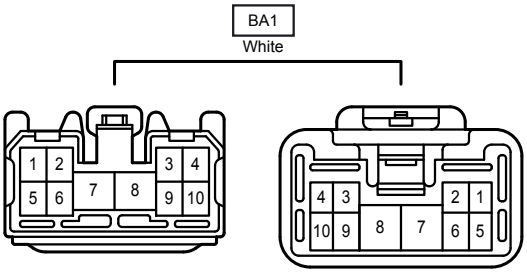

AE2
White
1 2 3 4
5 6 7 8 9 10
4 3 2 1
10 9 8 7 6 5

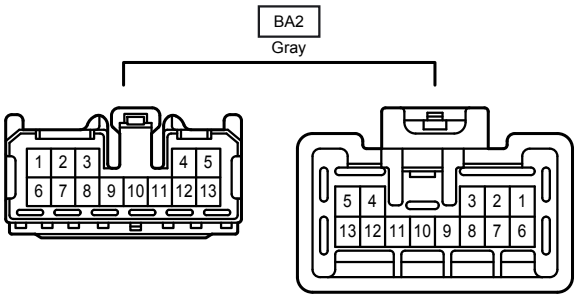

AE3
Black
1 2 8 9
10 11 3 4 5 6 7 17 18
12 13 14 15 16
9 8 2 1
18 17 7 6 5 4 3 11 10
16 15 14 13 12

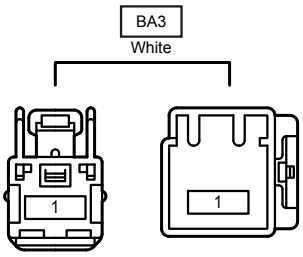

AE4
Gray


AE6
White


AE8
White


BA1
White


BA2
Gray


BA3
White