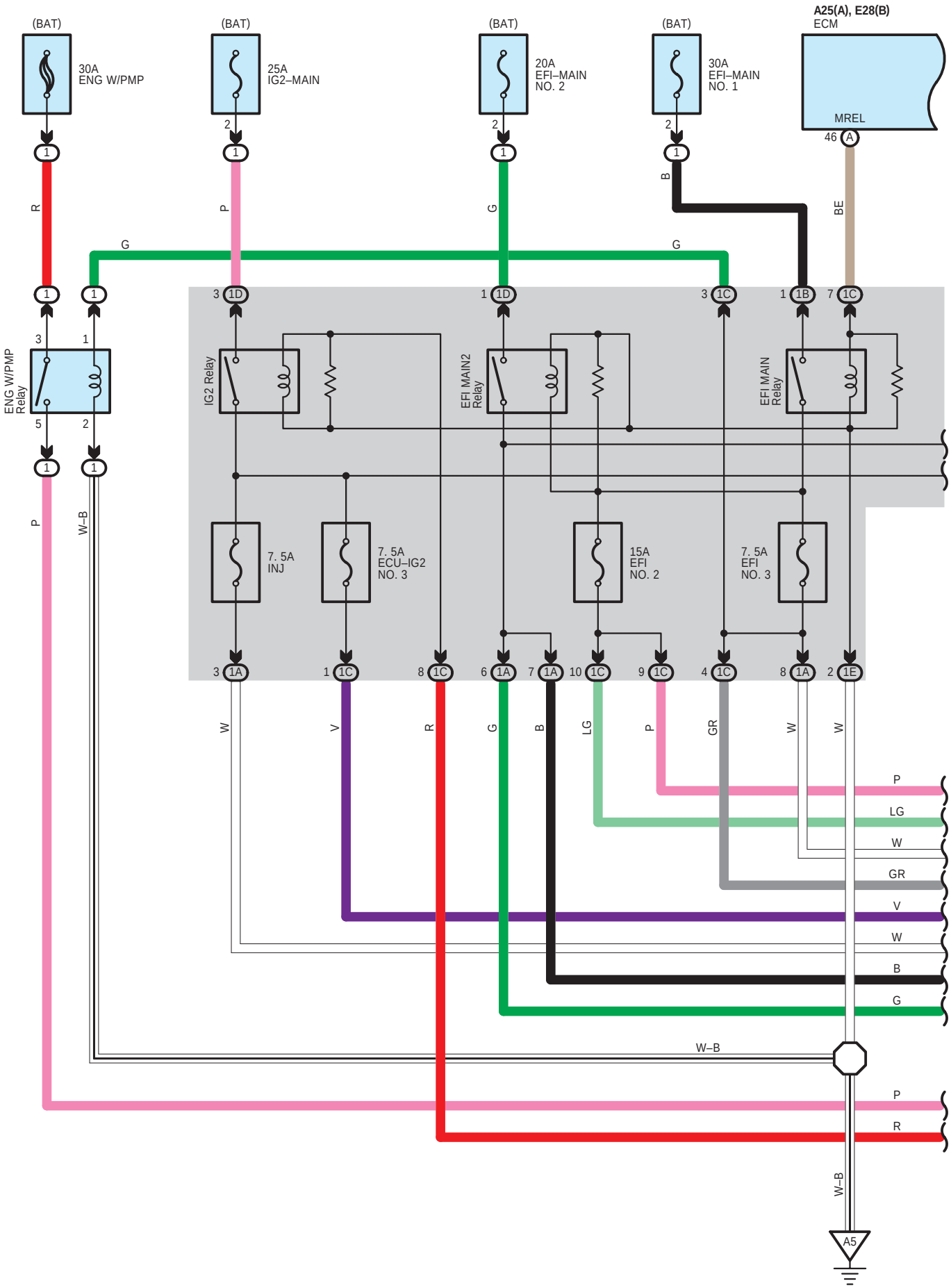
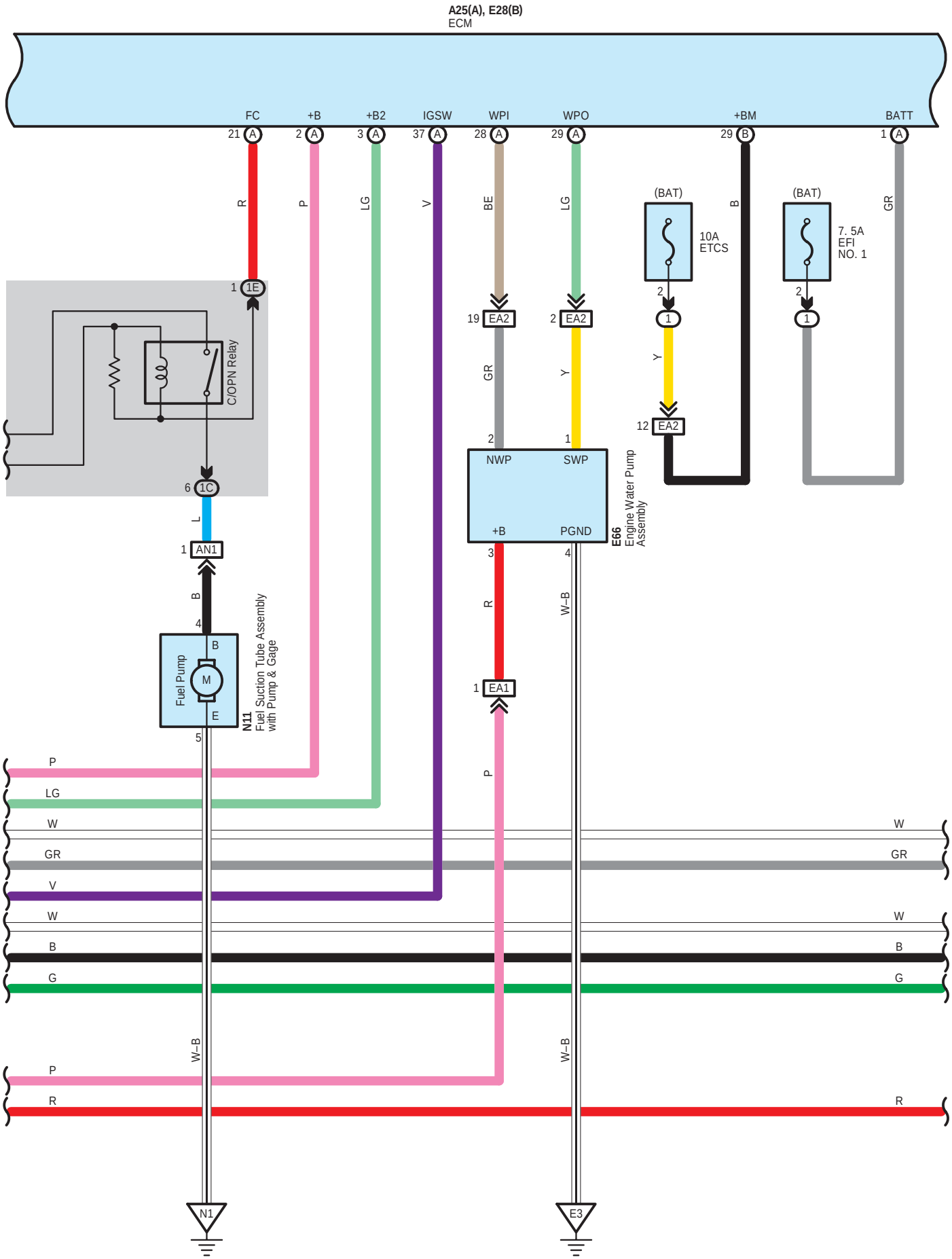
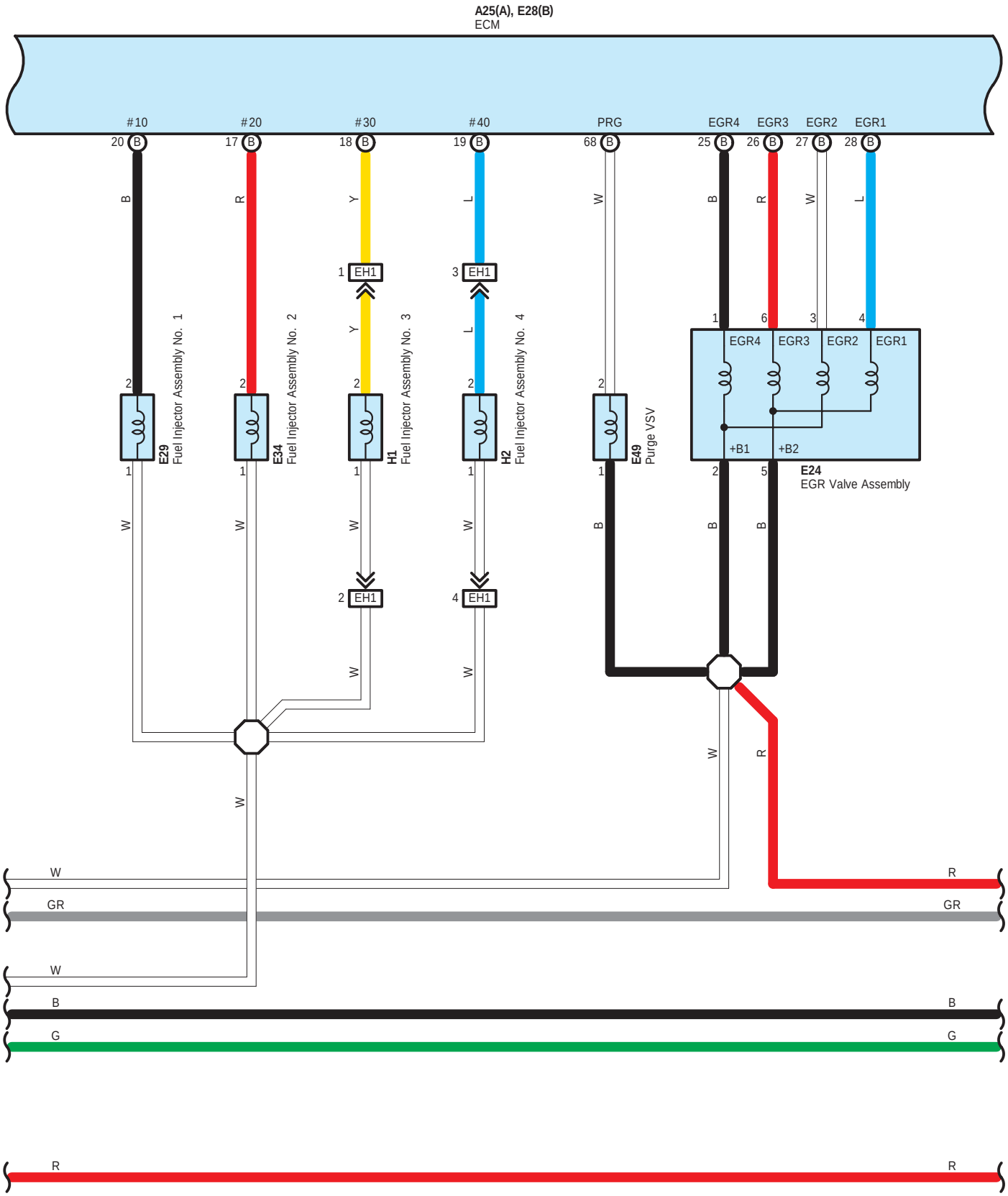
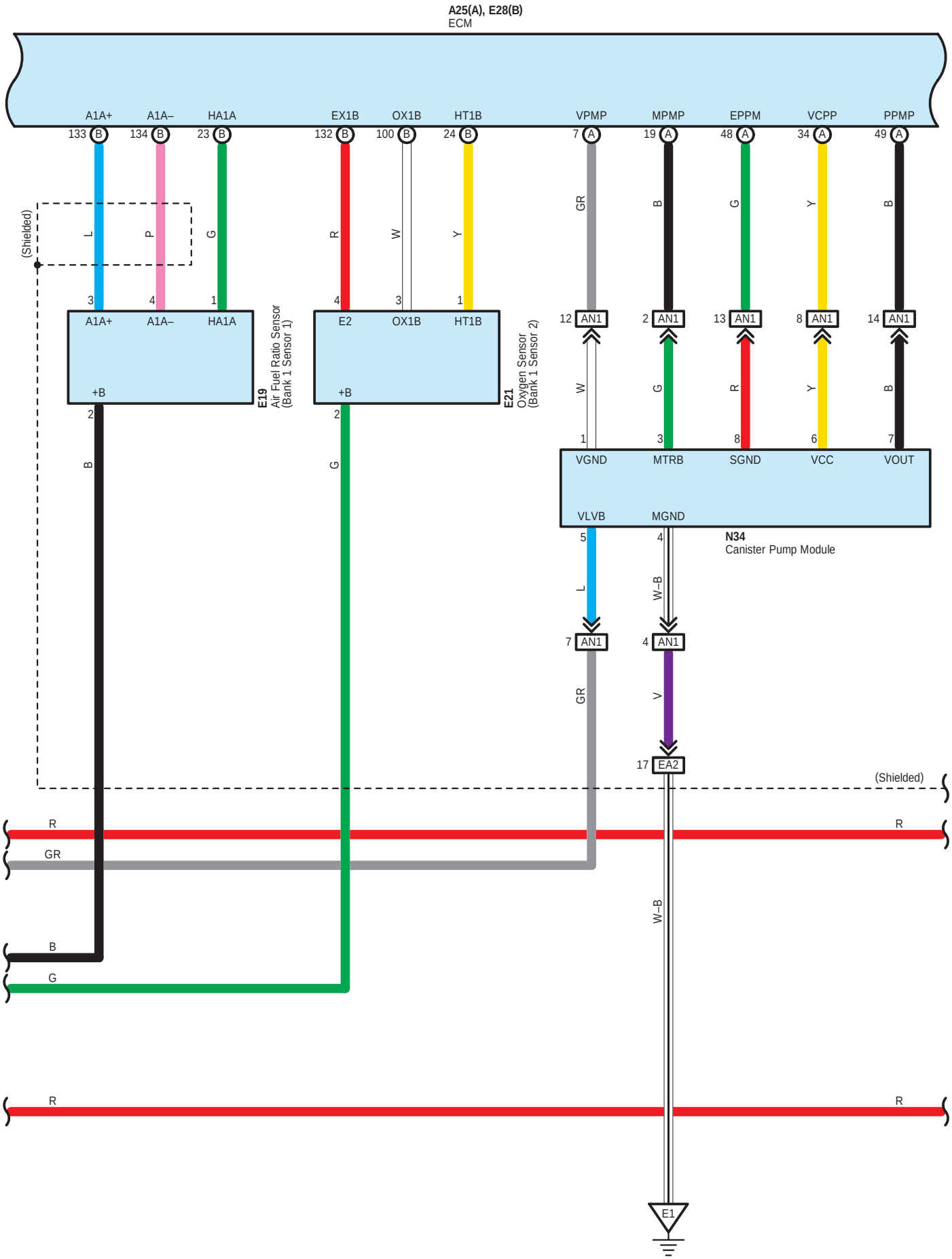
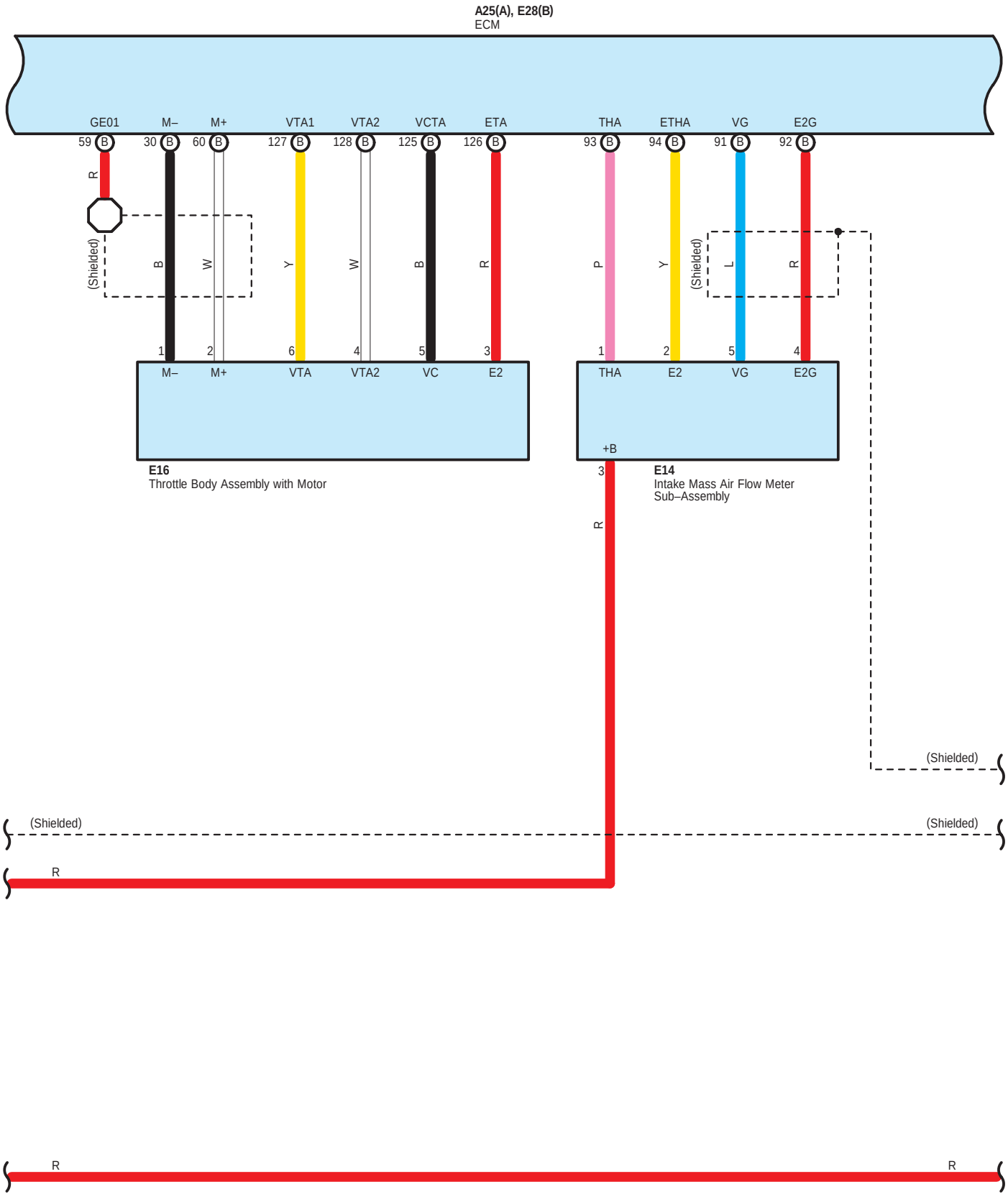
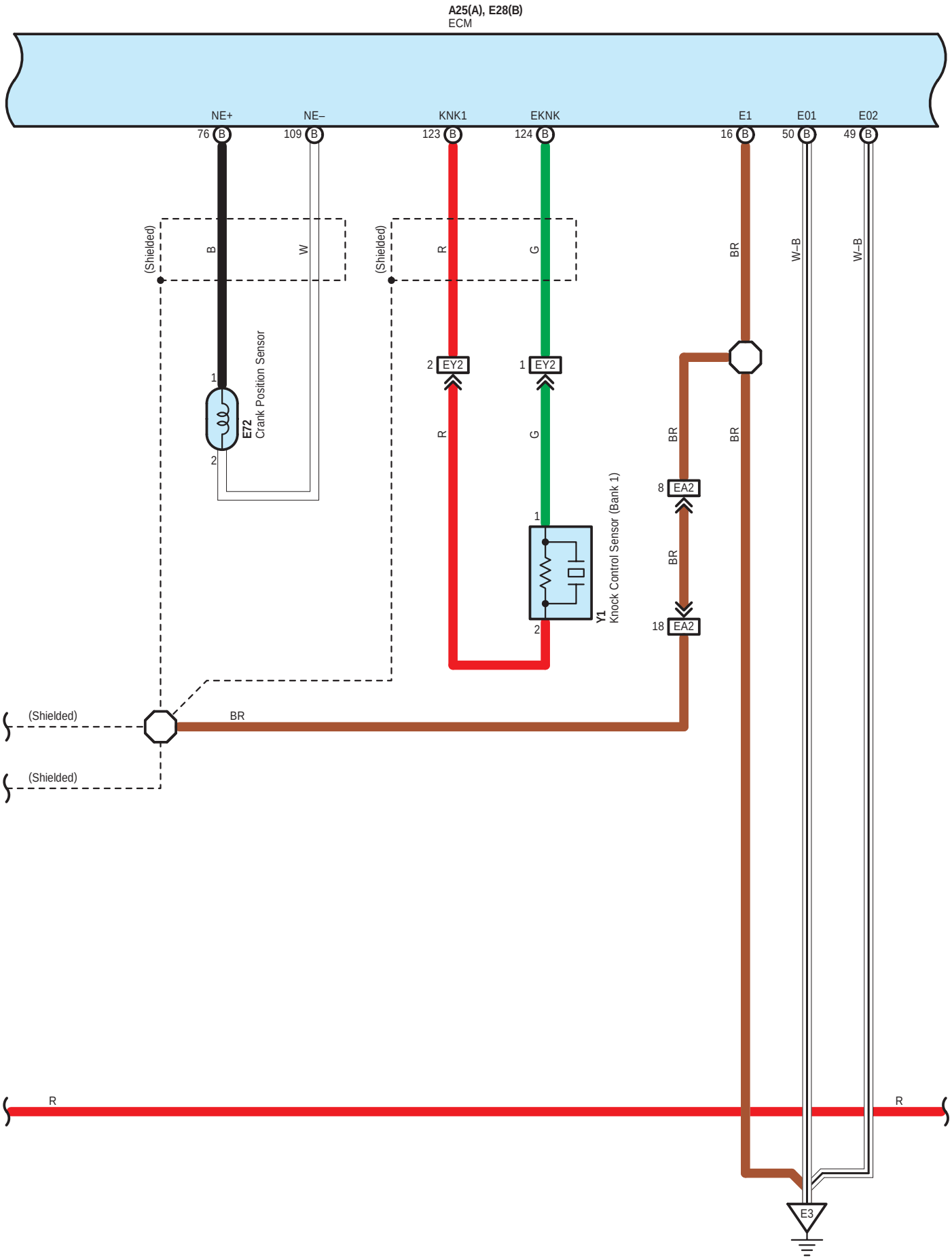

(BAT)
30A
ENG W/PMP
(BAT)
25A
IG2–MAIN
(BAT)
20A
EFI–MAIN
NO. 2
(BAT)
30A
EFI–MAIN
NO. 1
A25(A), E28(B)
ECM
MREL
46 A
ENG W/PMP
Relay
IG2 Relay
EFI MAIN2
Relay
EFI MAIN
Relay
7. 5A
INJ
7. 5A
ECU–IG2
NO. 3
15A
EFI
NO. 2
7. 5A
EFI
NO. 3
W–B
A5

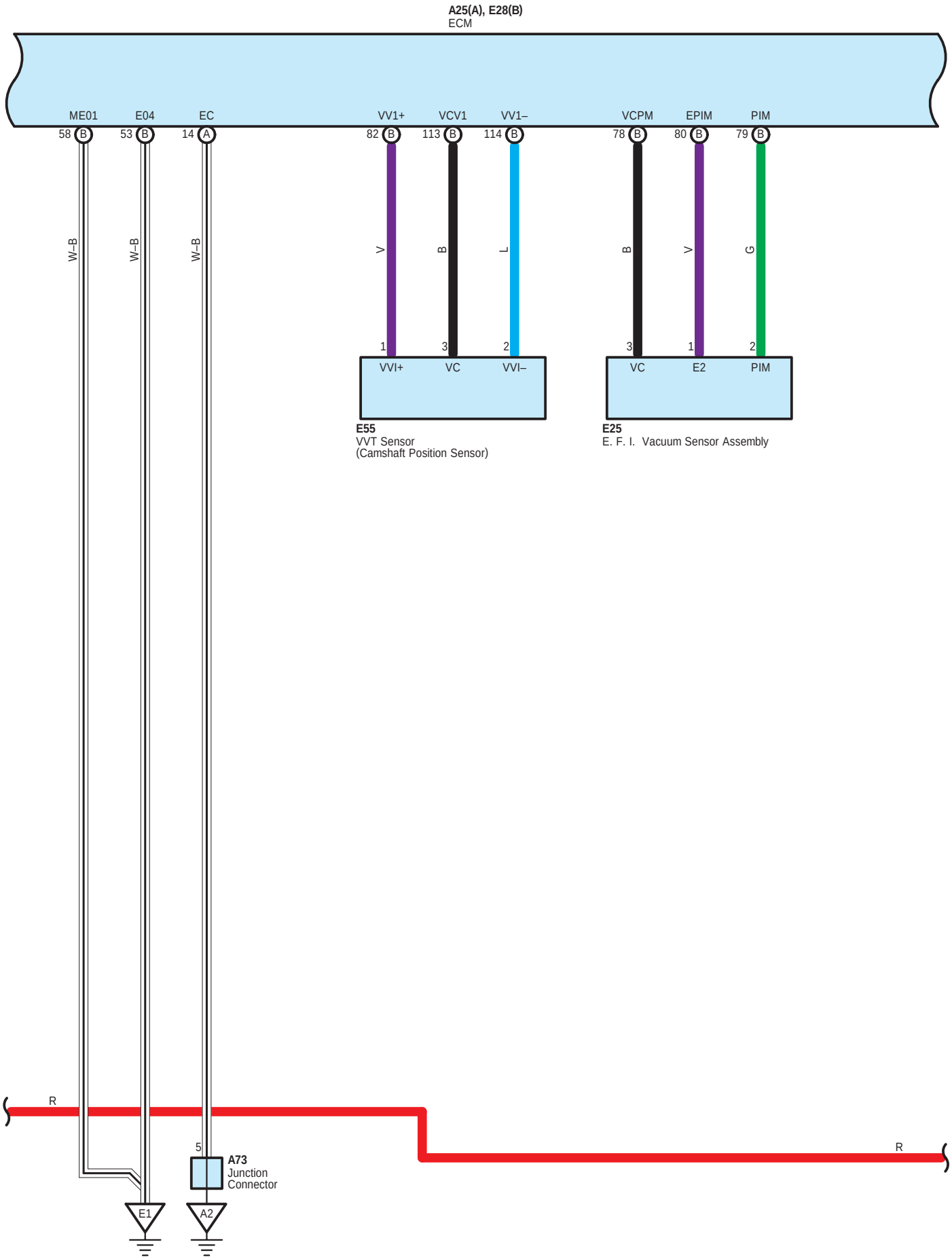

A25(A), E28(B)
ECM
FC
+B
+B2
IGSW
WPI
WPO
+BM
BATT
21 A
2 A
3 A
37 A
28 A
29 A
29 B
1 A
R
P
LG
V
BE
LG
B
GR
(BAT)
10A
ETCS
(BAT)
7. 5A
EFI
NO. 1
1 1E
C/OPN Relay
6 1C
L
1 AN1
B
4
Fuel Pump
M
B
E
5
N11
Fuel Suction Tube Assembly
with Pump & Gage
19 EA2
2 EA2
GR
Y
2
1
NWP
SWP
+B
PGND
E66
Engine Water Pump
Assembly
3
4
R
W–B
1 EA1
P
2
1
Y
12 EA2
P
LG
W
GR
V
W
B
G
W–B
W–B
P
R
N1
E3

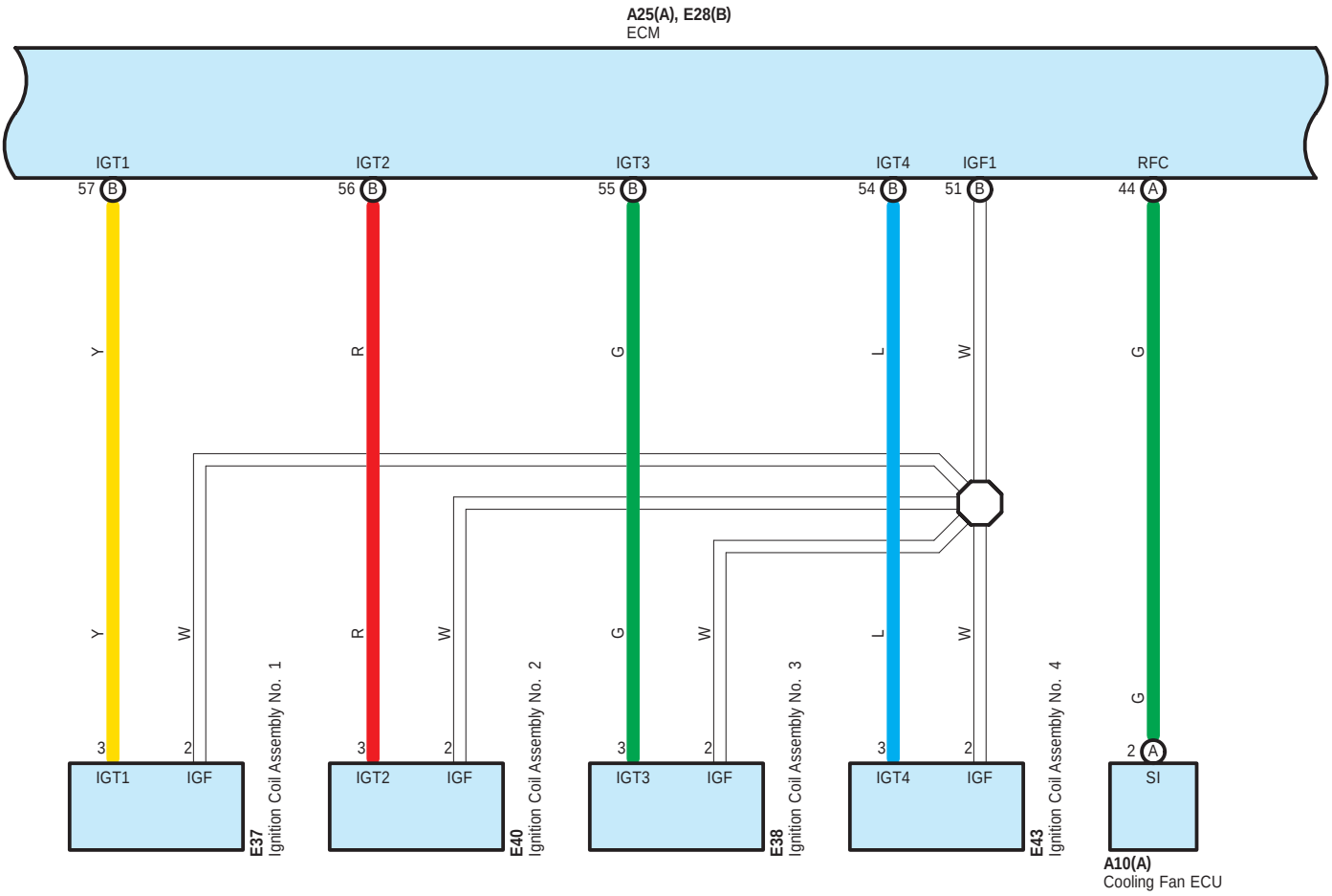

A25(A), E28(B)
ECM
#10
#20
#30
#40
PRG
EGR4
EGR3
EGR2
EGR1
20 B
17 B
18 B
19 B
68 B
25 B
26 B
27 B
28 B
B
R
Y
L
W
B
R
W
L
1 EH1
3 EH1
Y
L
1
6
3
4
EGR4
EGR3
EGR2
EGR1
2
2
2
2
2
+B1
+B2
E29
Fuel Injector Assembly No. 1
E34
Fuel Injector Assembly No. 2
H1
Fuel Injector Assembly No. 3
H2
Fuel Injector Assembly No. 4
E49
Purge VSV
E24
EGR Valve Assembly
1
1
1
1
1
2
5
W
W
W
W
B
B
B
2 EH1
4 EH1
W
W
W
R
W
R
GR
GR
W
B
B
G
G
R
R


A25(A), E28(B)
ECM
A1A+
A1A–
HA1A
EX1B
OX1B
HT1B
VPMP
MPMP
EPPM
VCPP
PPMP
133 B
134 B
23 B
132 B
100 B
24 B
7 A
19 A
48 A
34 A
49 A
(Shielded)
L
P
G
R
W
Y
GR
B
G
Y
B
3
4
1
4
3
1
A1A+
A1A–
HA1A
+B
2
E19
Air Fuel Ratio Sensor
(Bank 1 Sensor 1)
E2
OX1B
HT1B
+B
2
E21
Oxygen Sensor
(Bank 1 Sensor 2)
12 AN1
2 AN1
13 AN1
8 AN1
14 AN1
W
G
R
Y
B
1
3
8
6
7
VGND
MTRB
SGND
VCC
VOUT
VLVB
MGND
5
4
N34
Canister Pump Module
L
W–B
7 AN1
4 AN1
GR
V
17 EA2
(Shielded)
R
R
GR
W–B
B
G
R
R
E1

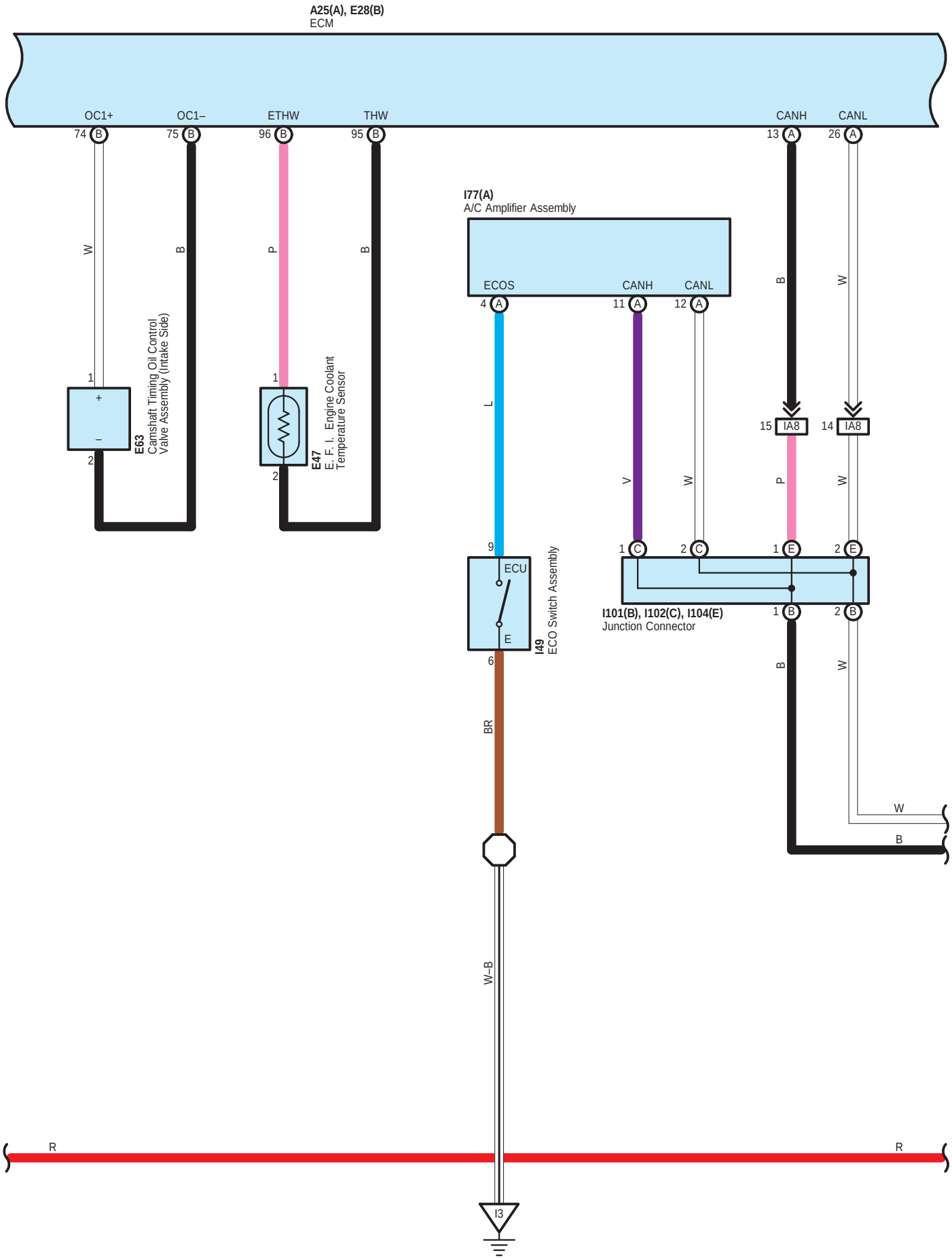

A25(A), E28(B)
ECM
GE01
M–
M+
VTA1
VTA2
VCTA
ETA
THA
ETHA
VG
E2G
59 B
30 B
60 B
127 B
128 B
125 B
126 B
93 B
94 B
91 B
92 B
R
(Shielded)
B
W
Y
W
B
R
P
Y
(Shielded)
L
R
1
2
6
4
5
3
1
2
5
4
M–
M+
VTA
VTA2
VC
E2
THA
E2
VG
E2G
+B
3
E16
Throttle Body Assembly with Motor
E14
Intake Mass Air Flow Meter
Sub–Assembly
R
(Shielded)
(Shielded)
(Shielded)
R
R
R

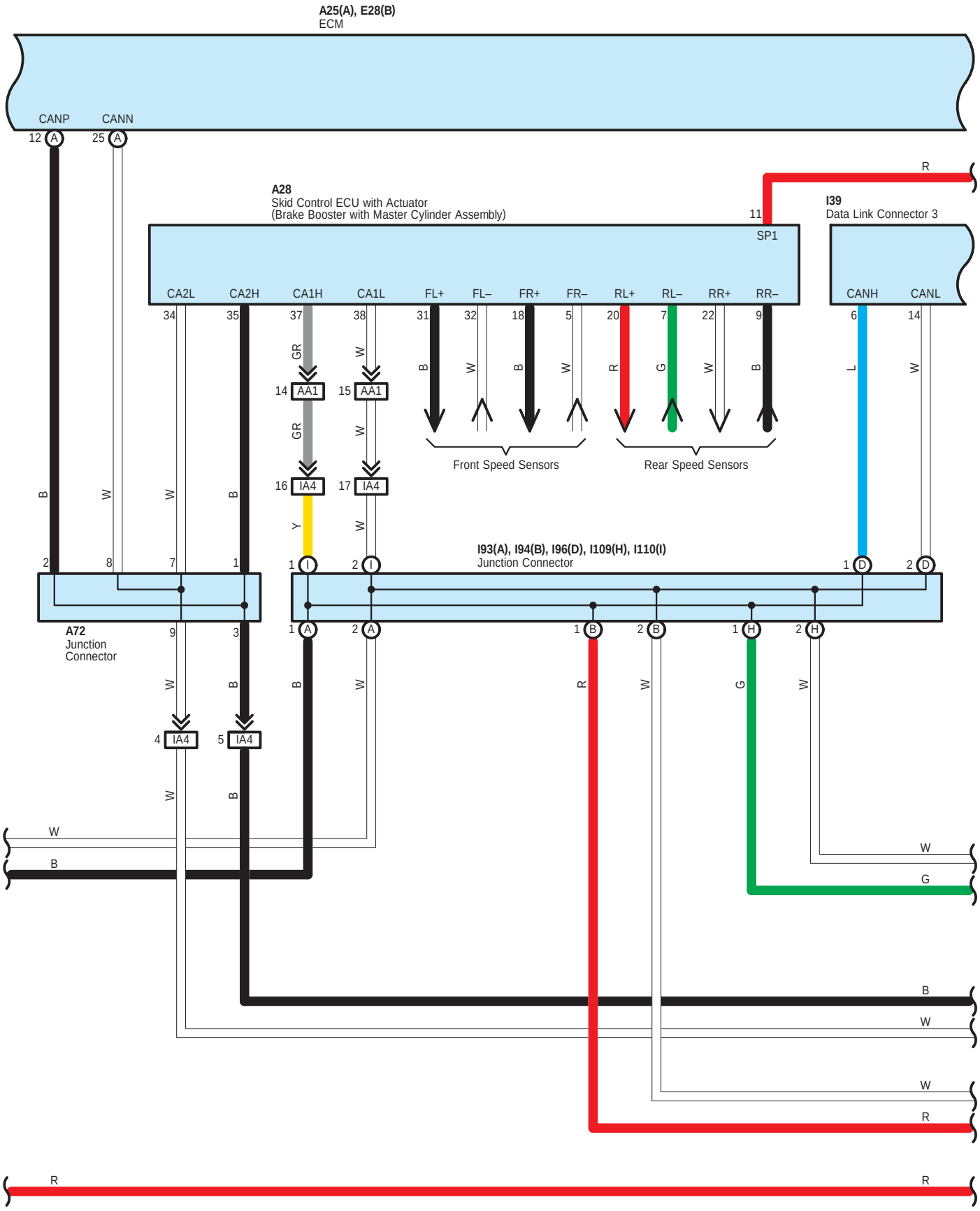

A25(A), E28(B)
ECM
NE+
NE–
KNK1
EKNK
E1
E01
E02
76 B
109 B
123 B
124 B
16 B
50 B
49 B
(Shielded)
B
W
R
G
BR
W–B
E72
Crank Position Sensor
2 EY2
1 EY2
8 EA2
18 EA2
Y1
Knock Control Sensor (Bank 1)
(Shielded)
(Shielded)
BR
R
R
E3

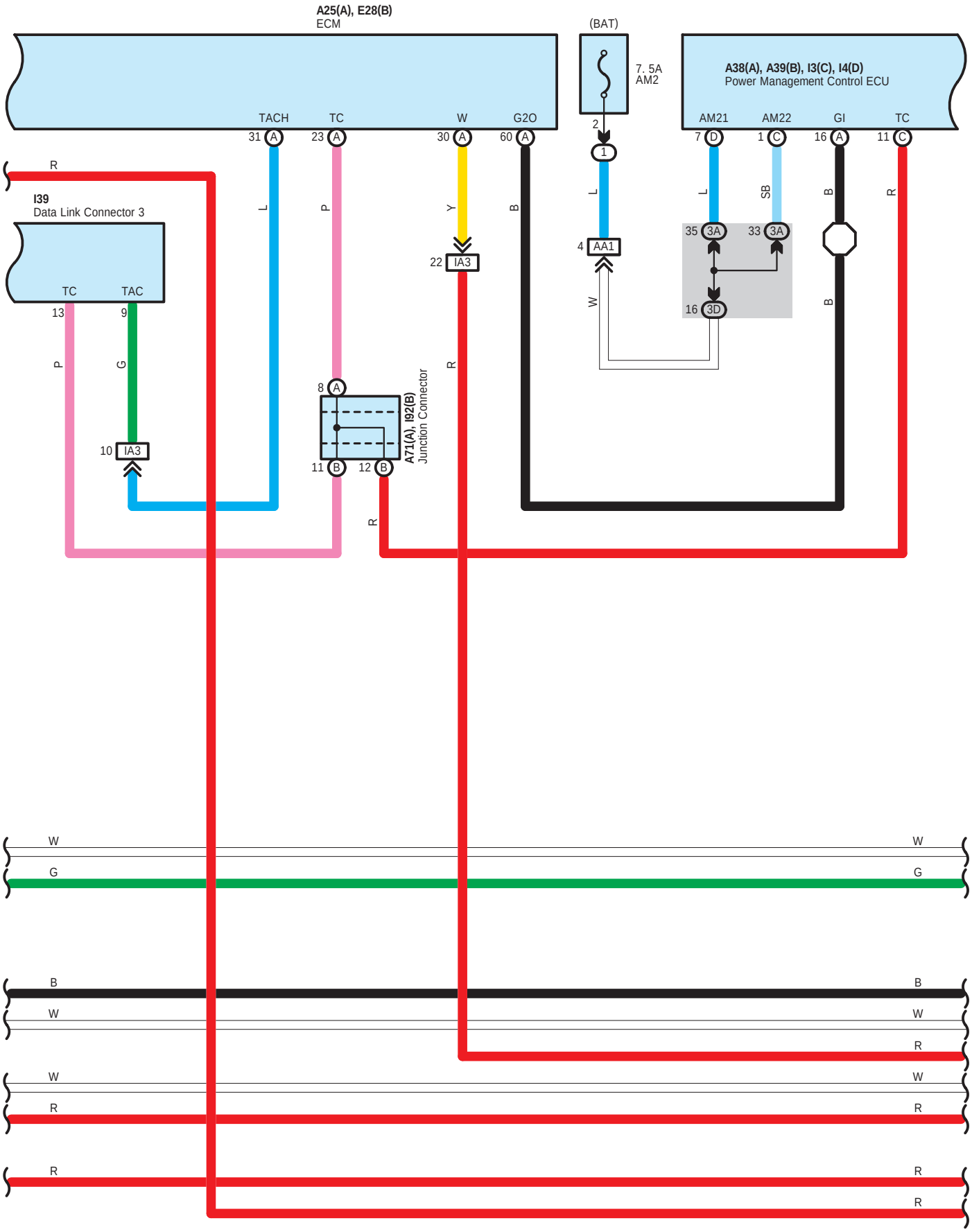

A25(A), E28(B)
ECM
ME01
E04
EC
VV1+
VCV1
VV1–
VCPM
EPIM
PIM
58 B
53 B
14 A
82 B
113 B
114 B
78 B
80 B
79 B
W–B
W–B
W–B
V
B
L
B
V
G
1
3
2
3
1
2
VVI+
VC
VVI–
VC
E2
PIM
E55
VVT Sensor
(Camshaft Position Sensor)
E25
E. F. I. Vacuum Sensor Assembly
R
R
5
A73
Junction
Connector
E1
A2

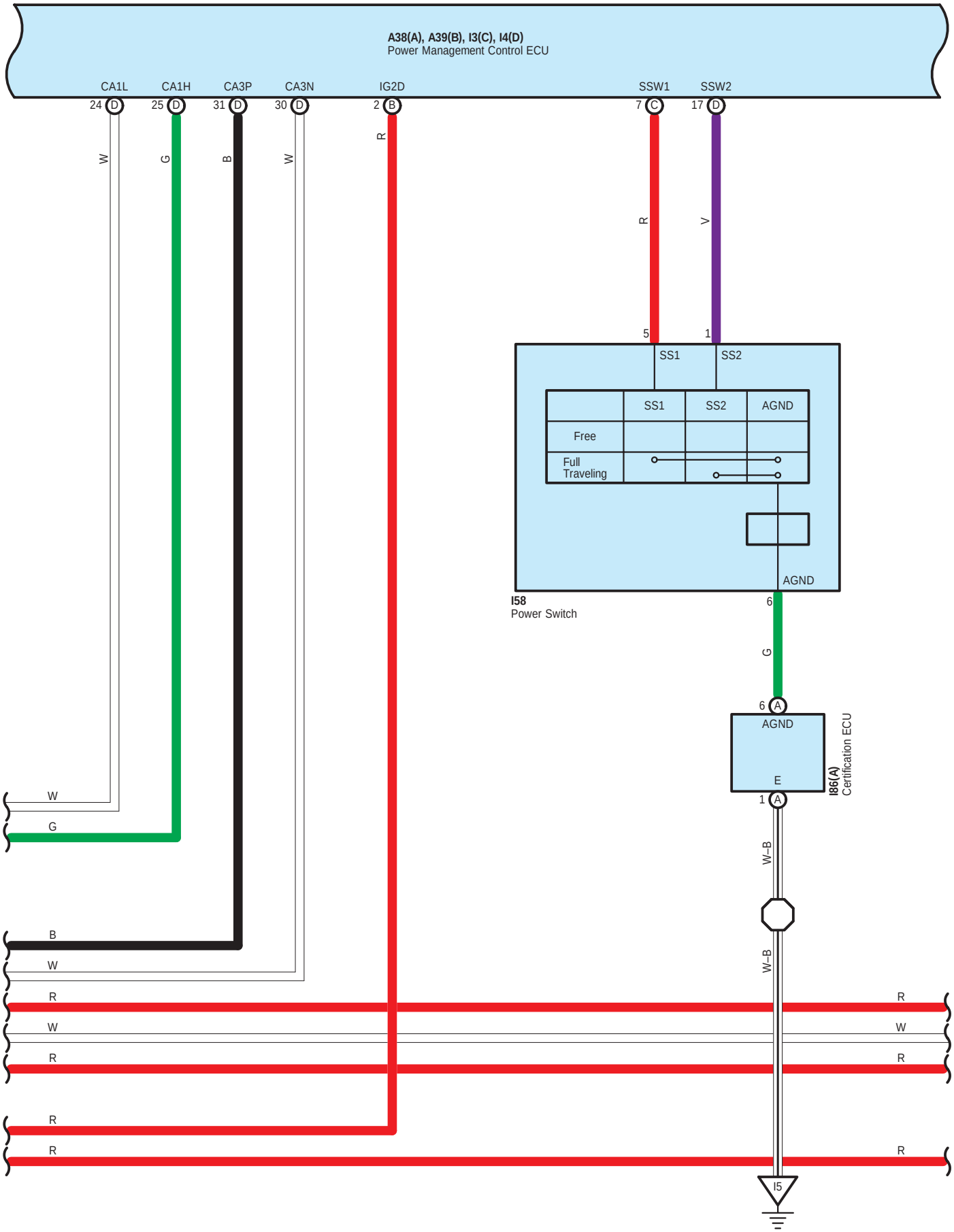

A25(A), E28(B)
ECM
IGT1
IGT2
IGT3
IGT4
IGF1
RFC
57 B
56 B
55 B
54 B
51 B
44 A
Y
R
G
L
W
G
Y
W
R
W
G
W
L
W
G
3
2
3
2
3
2
3
2
2 A
IGT1
IGF
IGT2
IGF
IGT3
IGF
IGT4
IGF
SI
E37
Ignition Coil Assembly No. 1
E40
Ignition Coil Assembly No. 2
E38
Ignition Coil Assembly No. 3
E43
Ignition Coil Assembly No. 4
A10(A)
Cooling Fan ECU

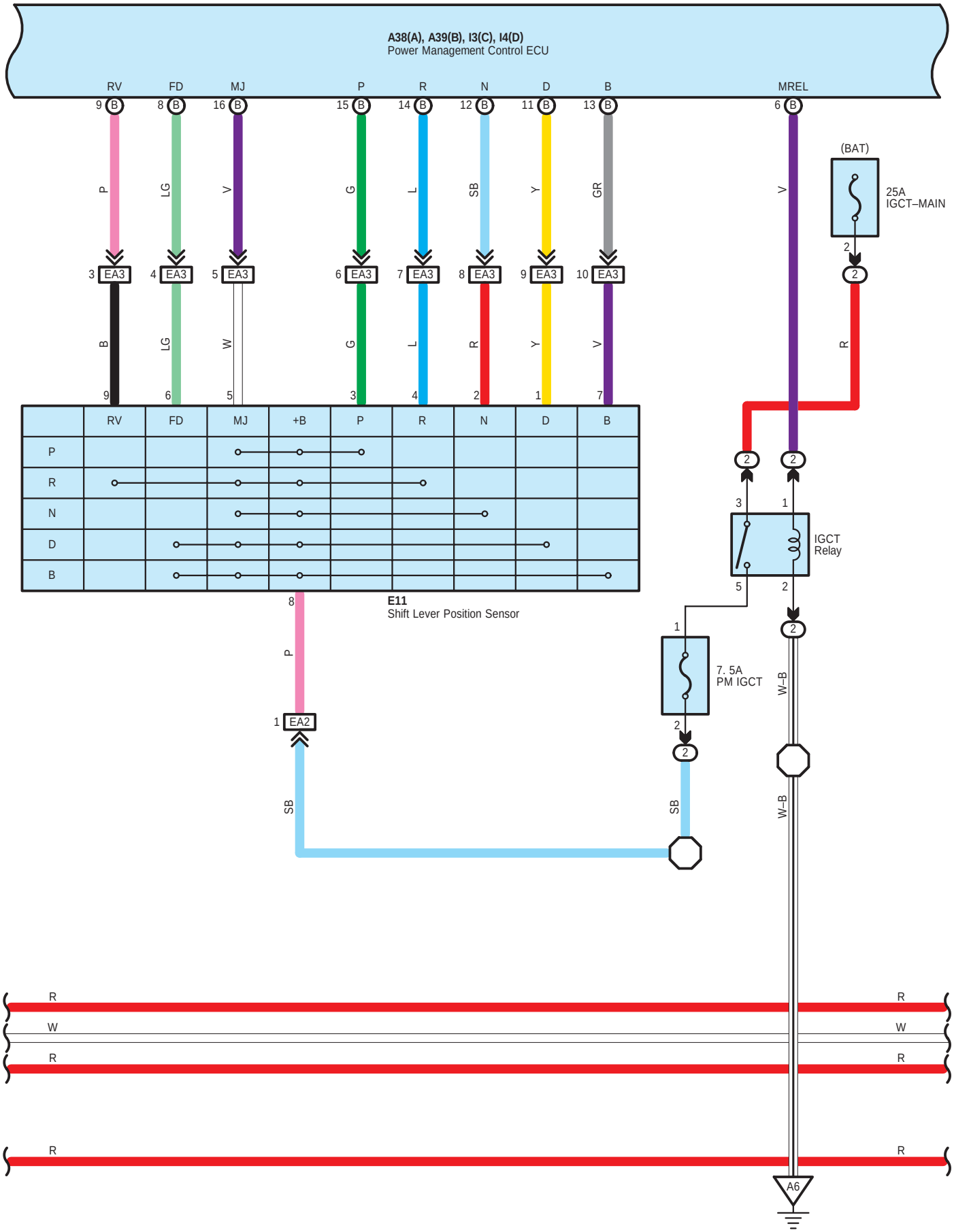
R
R

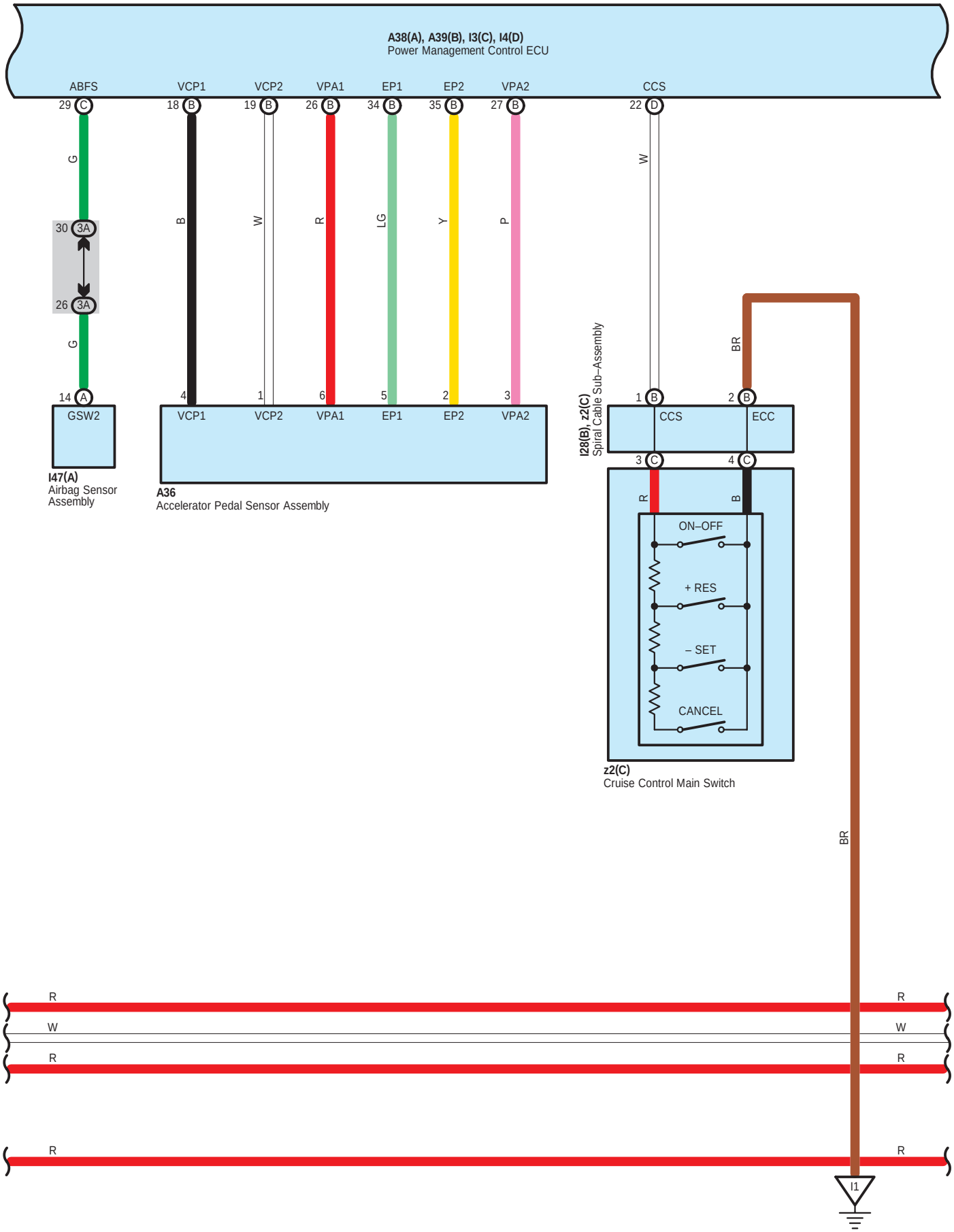

A25(A), E28(B)
ECM
OC1+
OC1–
ETHW
THW
CANH
CANL
74 B
75 B
96 B
95 B
13 A
26 A
W
B
P
B
B
W
I77(A)
A/C Amplifier Assembly
ECOS
CANH
CANL
4 A
11 A
12 A
1
+
–
2
E63
Camshaft Timing Oil Control Valve Assembly (Intake Side)
1
2
E47
E. F. I. Engine Coolant Temperature Sensor
L
V
W
15 IA8
14 IA8
P
W
9
ECU
E
6
I49
ECO Switch Assembly
1 C
2 C
1 E
2 E
I101(B), I102(C), I104(E)
Junction Connector
1 B
2 B
B
W
BR
W
B
W–B
R
R
I3

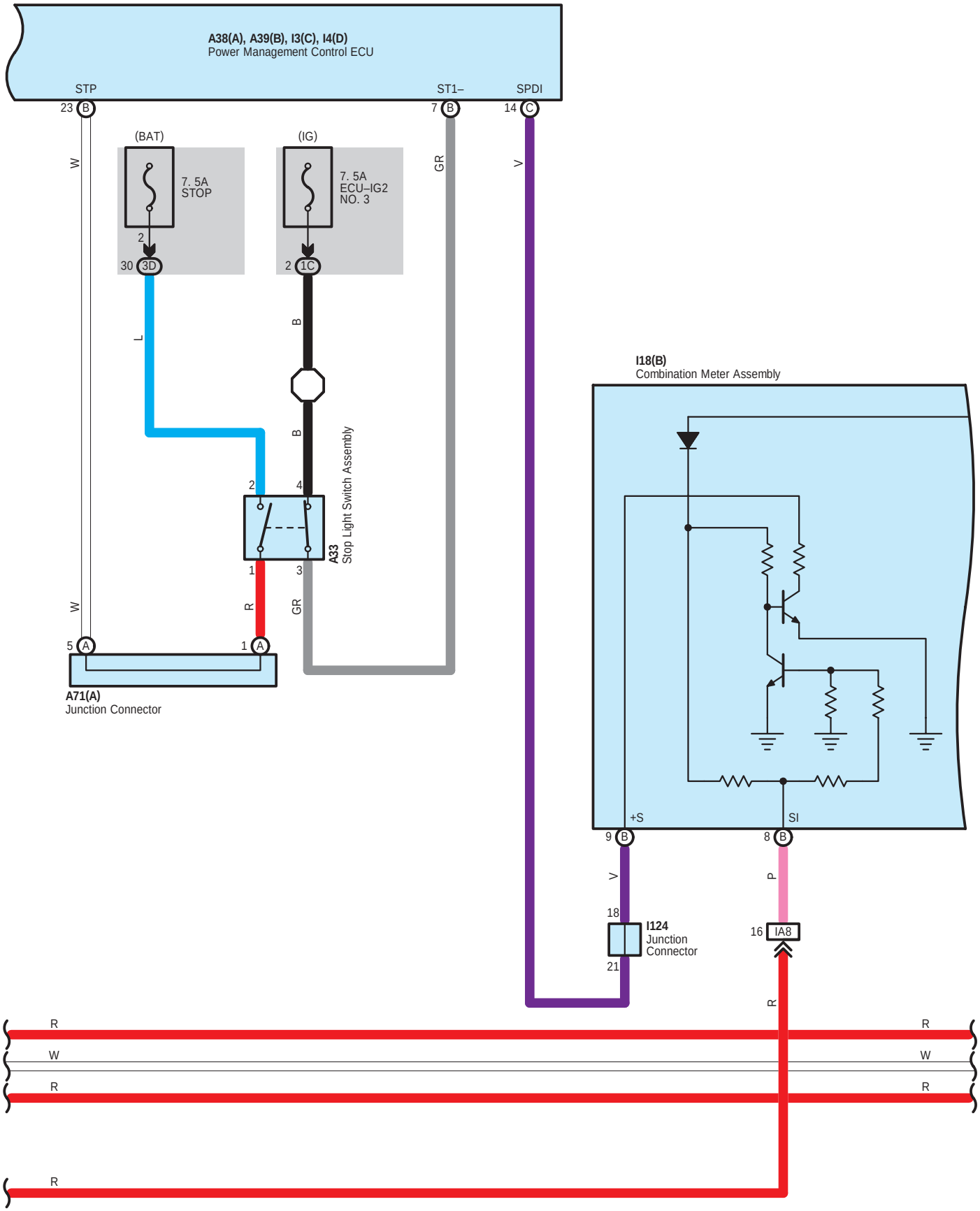

A25(A), E28(B)
ECM
CANP
CANN
12 A
25 A
A28
Skid Control ECU with Actuator
(Brake Booster with Master Cylinder Assembly)
11
SP1
I39
Data Link Connector 3
CA2L
CA2H
CA1H
CA1L
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
CANH
CANL
34
35
37
38
31
32
18
5
20
7
22
9
6
14
14 AA1
15 AA1
16 IA4
17 IA4
Front Speed Sensors
Rear Speed Sensors
I93(A), I94(B), I96(D), I109(H), I110(I)
Junction Connector
A72
Junction
Connector
2
8
7
1
9
3
4 IA4
5 IA4
R
W
B
G
L
GR
Y

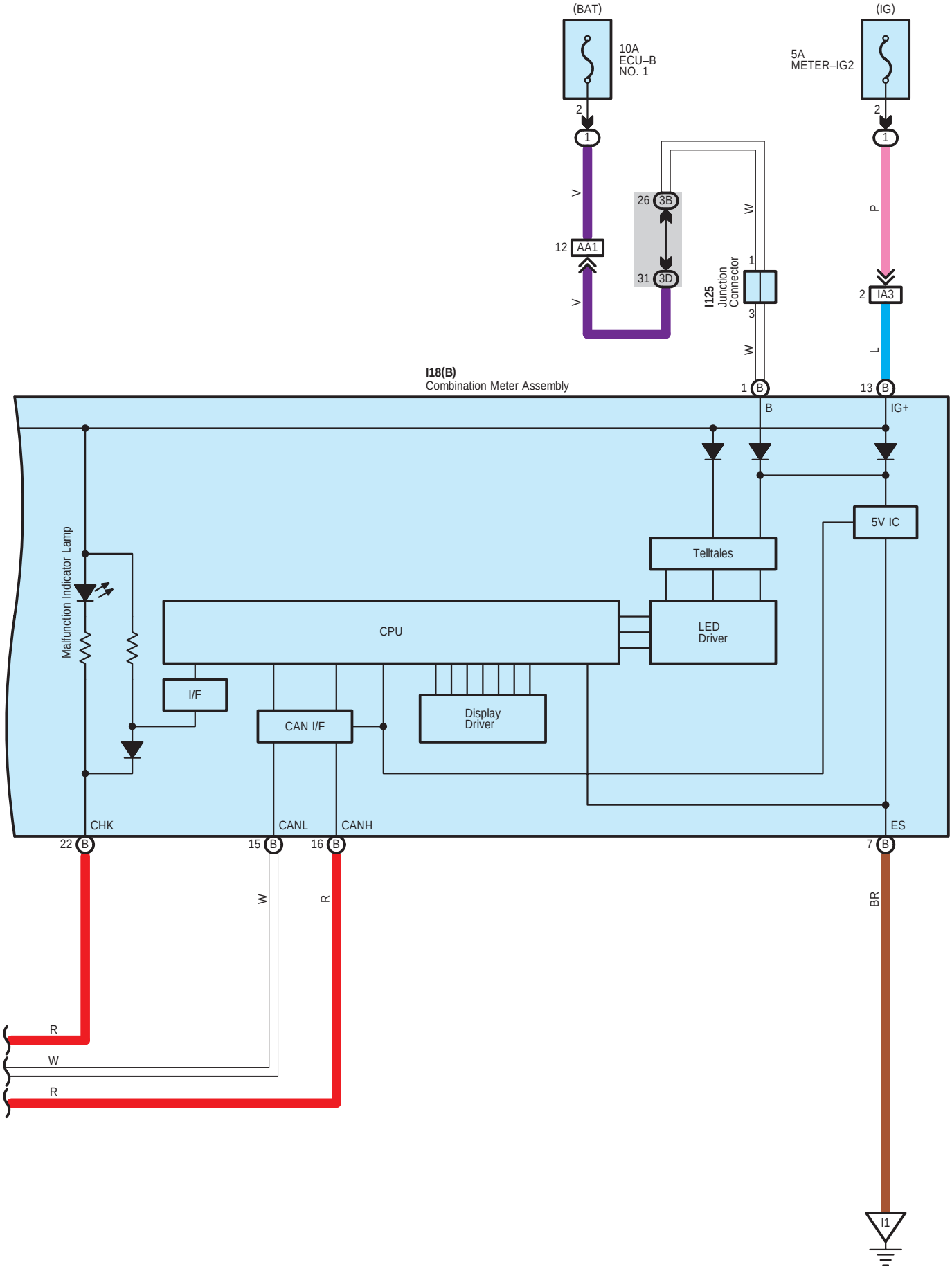

A25(A), E28(B)
ECM
TACH
TC
W
G2O
31 A
23 A
30 A
60 A
(BAT)
7. 5A
AM2
2
1
L
4 AA1
W
A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
AM21
AM22
GI
TC
7 D
1 C
16 A
11 C
L
SB
B
R
35 3A
33 3A
16 3D
B
R
Y
22 IA3
R
I39
Data Link Connector 3
TC
TAC
13
9
P
G
10 IA3
8 A
11 B
12 B
A71(A), I92(B)
Junction Connector
R
R
W
G
B
W
R
W
R
R
W
G
B
W
R
W
R
R
R


A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
CA1L
CA1H
CA3P
CA3N
IG2D
SSW1
SSW2
24 D
25 D
31 D
30 D
2 B
7 C
17 D
W
G
B
W
R
R
V
5
1
SS1
SS2
SS1
SS2
AGND
Free
Full Traveling
AGND
I58
Power Switch
6
G
6 A
AGND
E
1 A
I86(A)
Certification ECU
W–B
W–B
W
G
B
W
R
W
R
R
R
R
W
R
I5

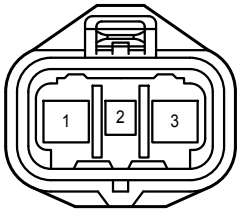

A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
RV
FD
MJ
P
R
N
D
B
MREL
(BAT)
25A
IGCT–MAIN
IGCT
Relay
7. 5A
PM IGCT
+B
E11
Shift Lever Position Sensor
EA3
EA2
A6


A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
ABFS
VCP1
VCP2
VPA1
EP1
EP2
VPA2
CCS
29 C
18 B
19 B
26 B
34 B
35 B
27 B
22 D
G
B
W
R
LG
Y
P
W
30 3A
26 3A
G
14 A
4
1
6
5
2
3
GSW2
VCP1
VCP2
VPA1
EP1
EP2
VPA2
I47(A)
Airbag Sensor
Assembly
A36
Accelerator Pedal Sensor Assembly
BR
I28(B), z2(C)
Spiral Cable Sub–Assembly
1 B
2 B
CCS
ECC
3 C
4 C
R
B
ON–OFF
+ RES
– SET
CANCEL
z2(C)
Cruise Control Main Switch
BR
R
W
R
R
W
R
R
R
I1

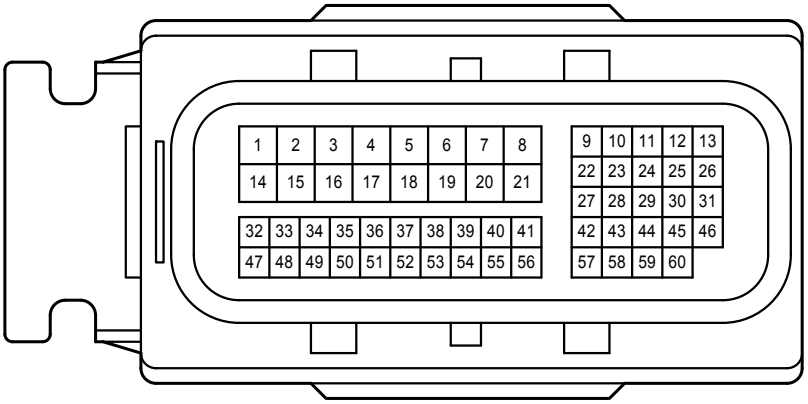

A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
STP
ST1–
SPDI
23 B
7 B
14 C
(BAT)
(IG)
7. 5A
STOP
7. 5A
ECU–IG2
NO. 3
30 3D
2 1C
W
L
B
GR
V
A33
Stop Light Switch Assembly
R
5 A
1 A
A71(A)
Junction Connector
I18(B)
Combination Meter Assembly
+S
SI
9 B
8 B
P
18
21
I124
Junction
Connector
16 IA8


(BAT)
10A
ECU–B
NO. 1
(IG)
5A
METER–IG2
2
1
V
12
AA1
26
3B
31
3D
W
I125
Junction
Connector
3
P
IA3
L
I18(B)
Combination Meter Assembly
13
B
IG+
5V IC
Telltales
CPU
LED
Driver
Malfunction Indicator Lamp
I/F
CAN I/F
Display
Driver
CHK
CANL
CANH
ES
22
15
16
7
R
BR
I1

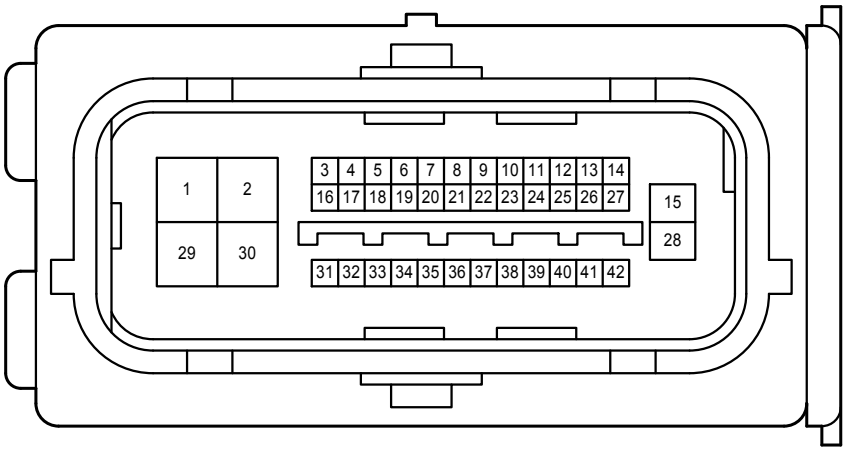
A 10
Black



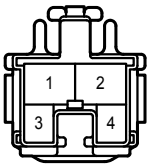
A 25
Black



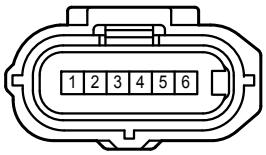
A 28
Black



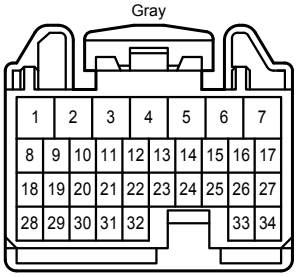
A 33
White



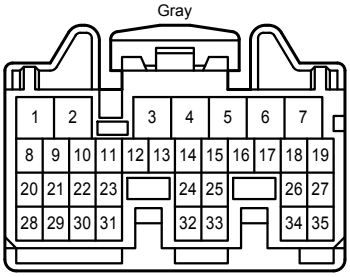
A 36
Black



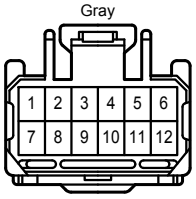
A 38
Gray



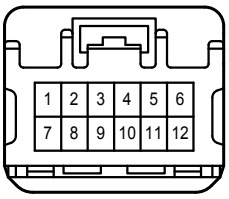
A 39
Gray



A 71
Gray

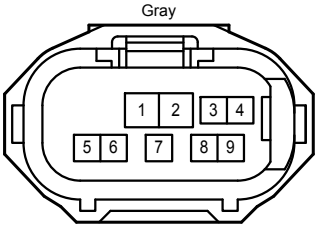


A 72
White



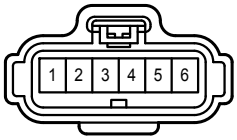
A 73
Gray

E 11
Gray



E 14
Black

E 16
Black

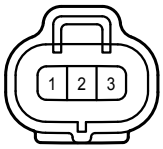


E 19
Dark Gray

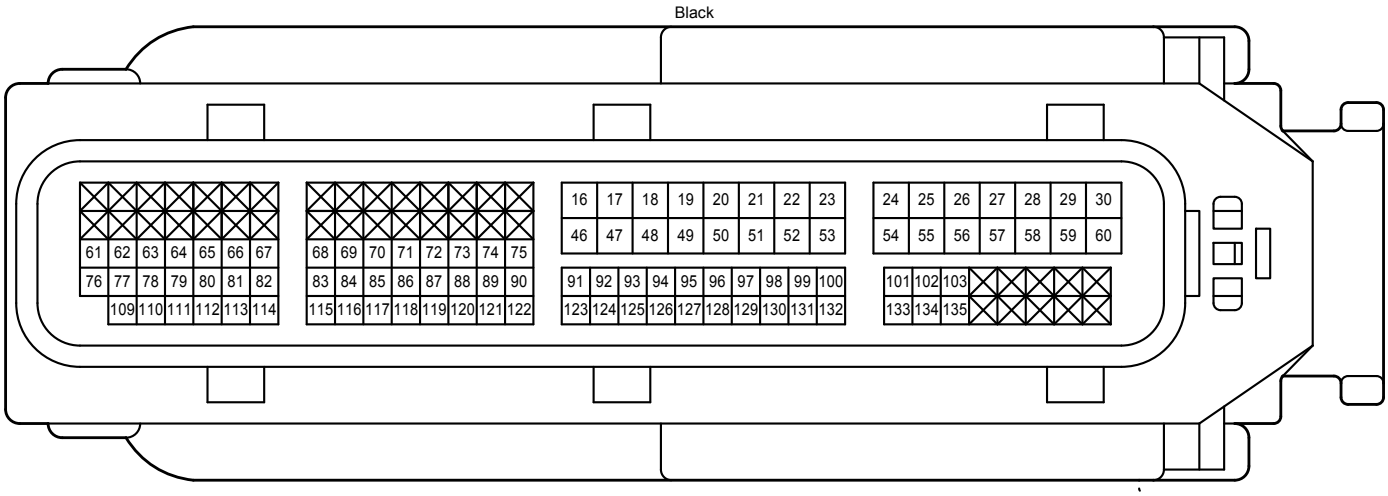
E 21
White

E 24
Black

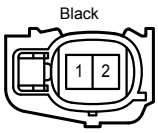
E 25
Black



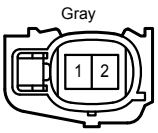
E 28
Black



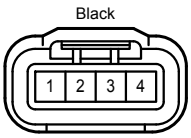
E 29
Black



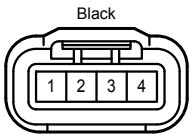
E 34
Gray



E 37
Black



E 38
Black

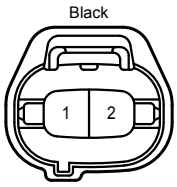


E 40
Gray

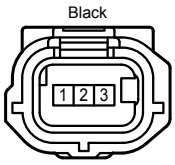
E 43
Gray

E 47
Black

E 49
Black



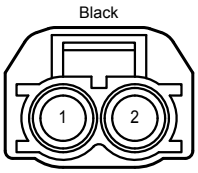
E 55
Black



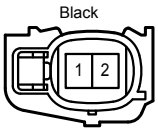
E 63
Gray

E 66
Gray

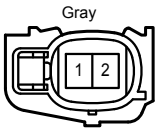
E 72
Black



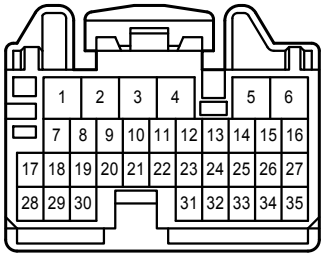
H 1
Black



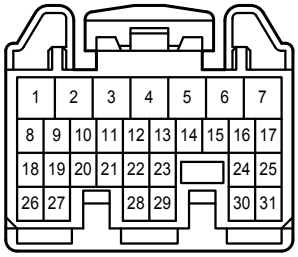
H 2
Gray



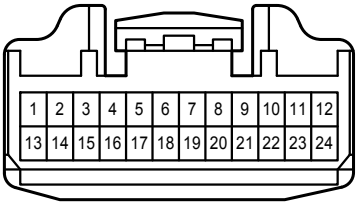
I 3
Gray



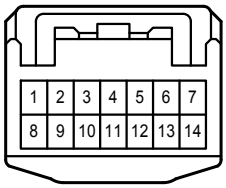
I 4
Gray



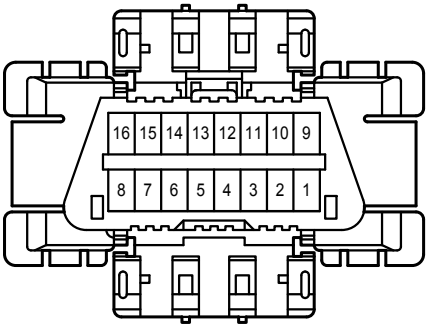
I 18
Black



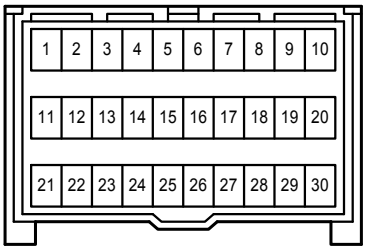
I 28
Black



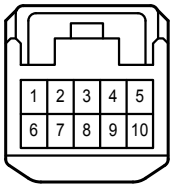
I 39
White



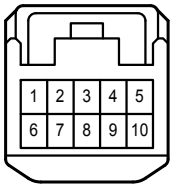
I 47
Yellow



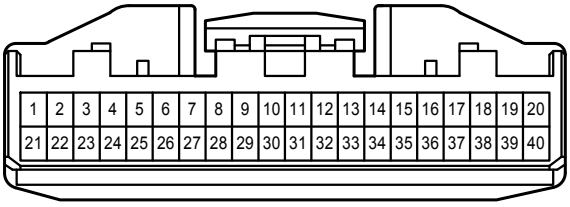
I 49
Black



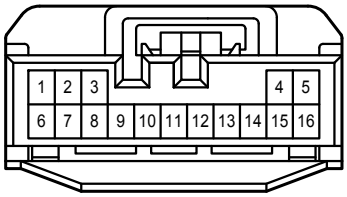
I 58
Black



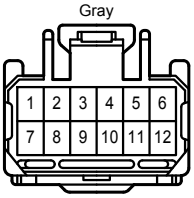
I 77
White



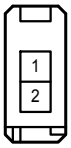
I 86
White



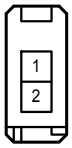
I 92
Gray



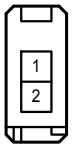
I 93
White



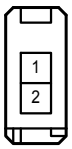
I 94
White



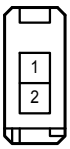
I 96
White



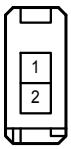
I101
White



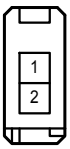
I102
White



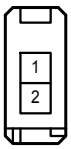
I104
White



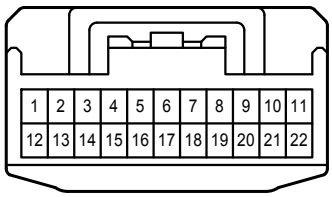
I109
White



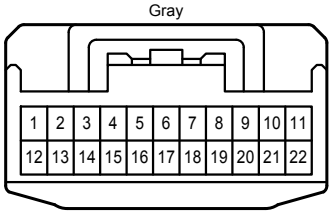
I110
White



I124
White

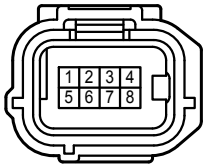


I125
Gray

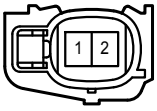


N 11
White

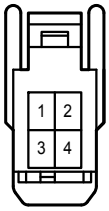
N 34
Black



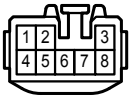
Y 1
Black



z 2
White

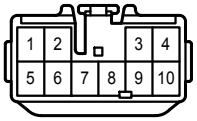


1A
White

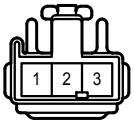


1B
White

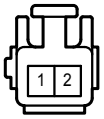
1C
White



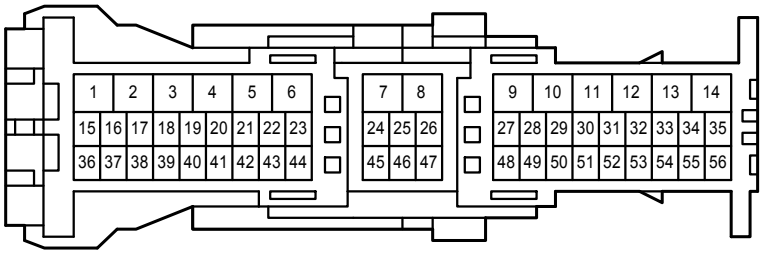
1D
White



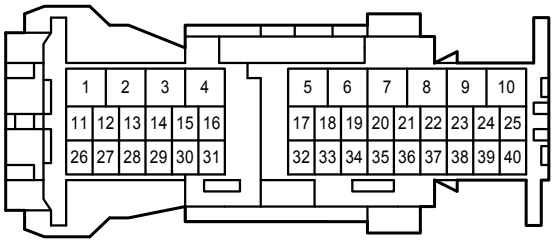
1E
White



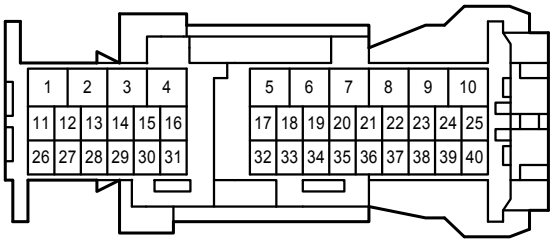
3A
White



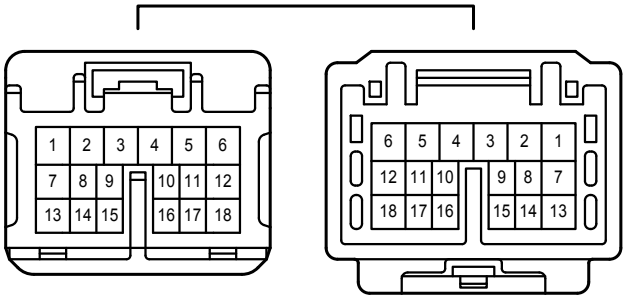
3B
White



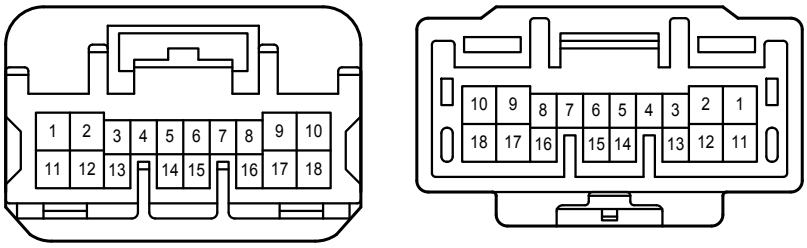
3D
White



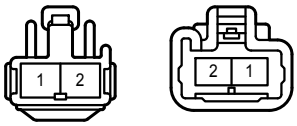
AA1
Blue



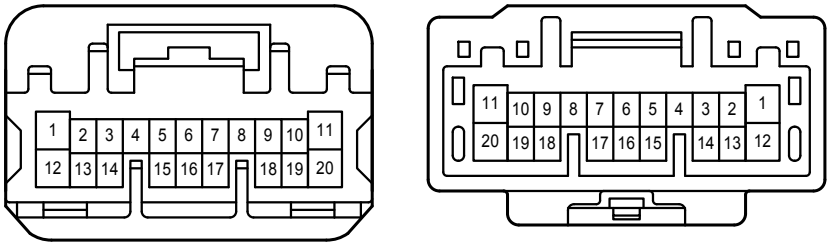
AN1
White



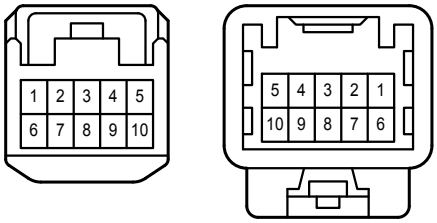
EA1
White



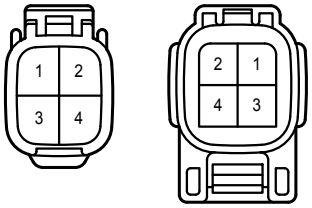
EA2
White



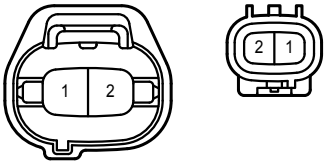
EA3
White



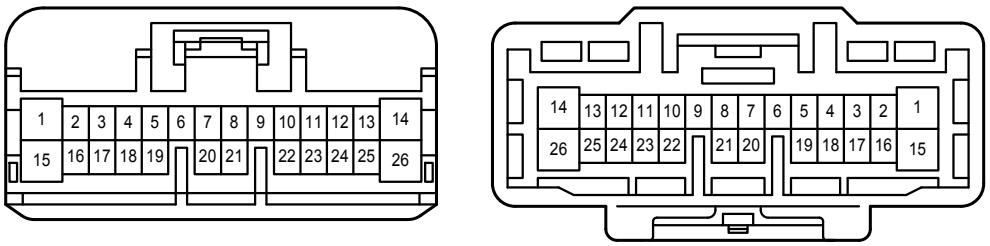
EH1
Gray



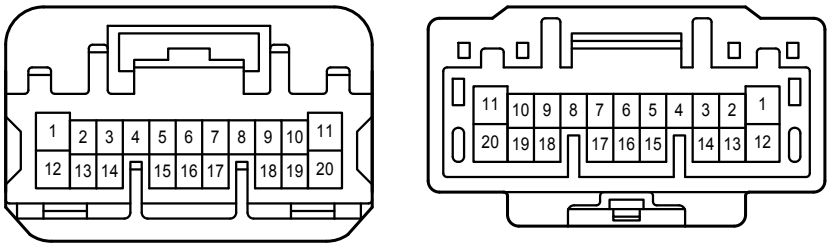
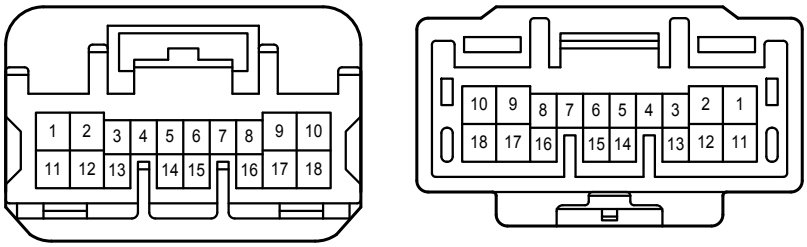
EY2
Black



IA3
Blue



IA4
Gray



IA8
Gray