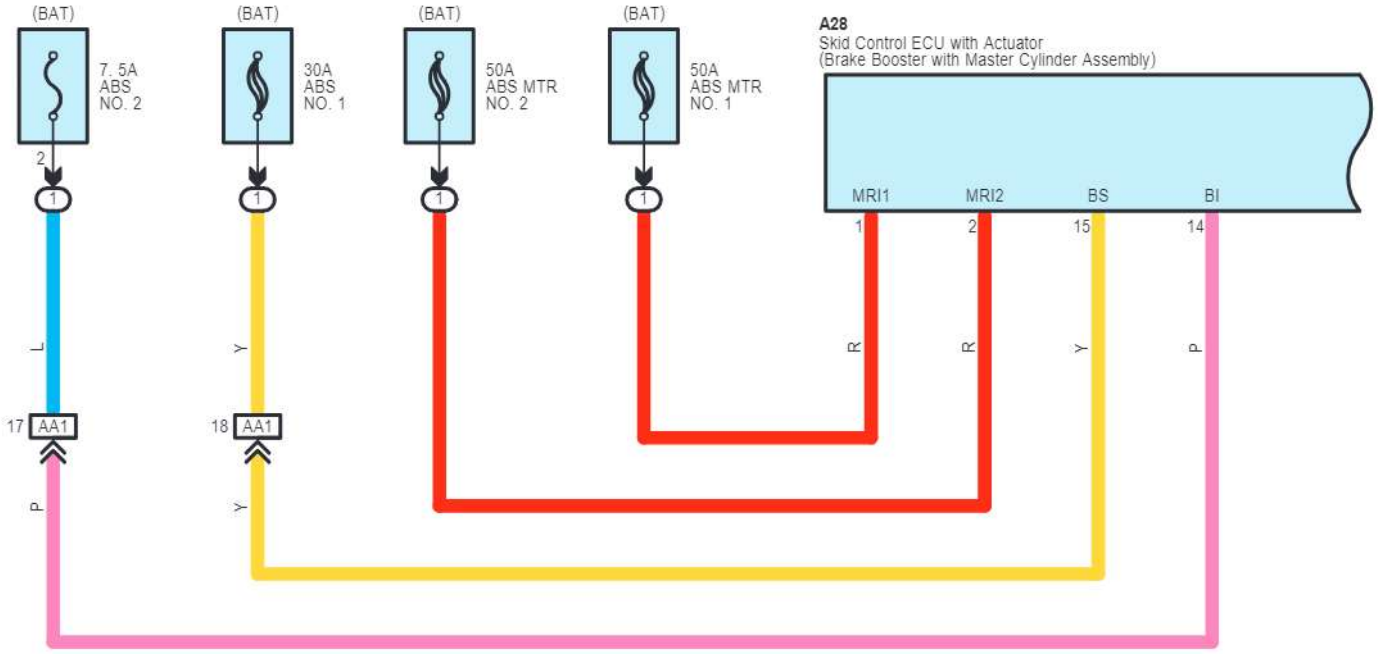
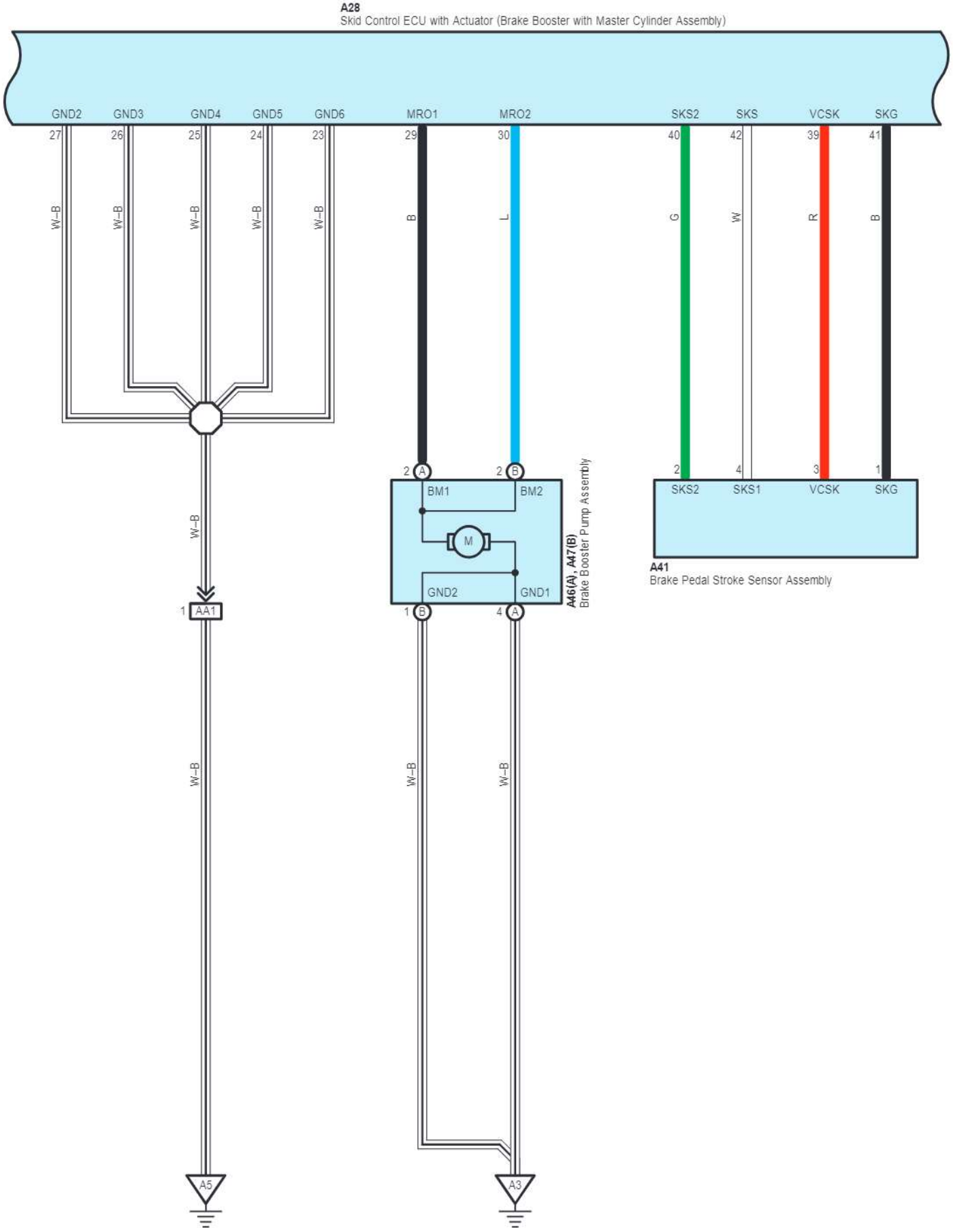
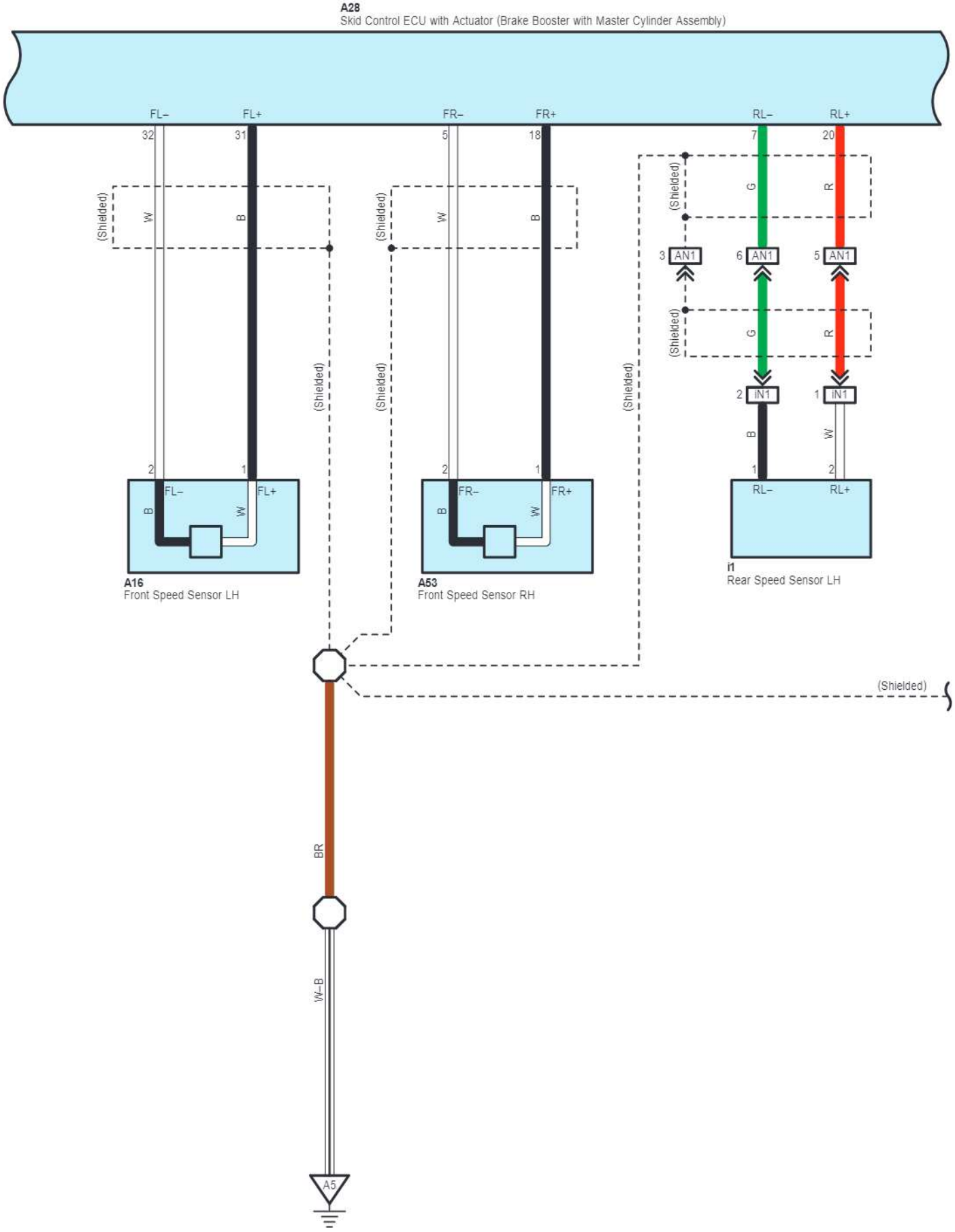
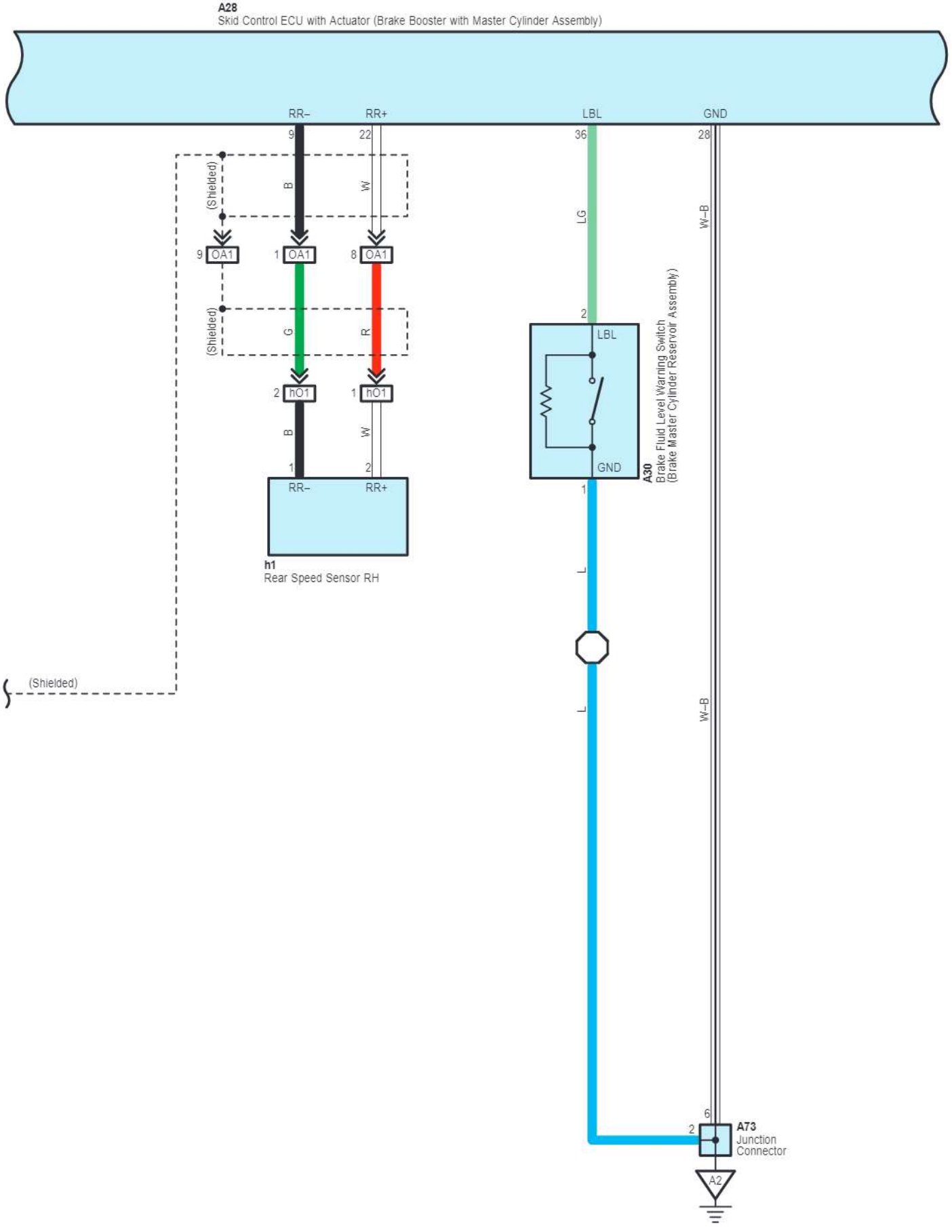
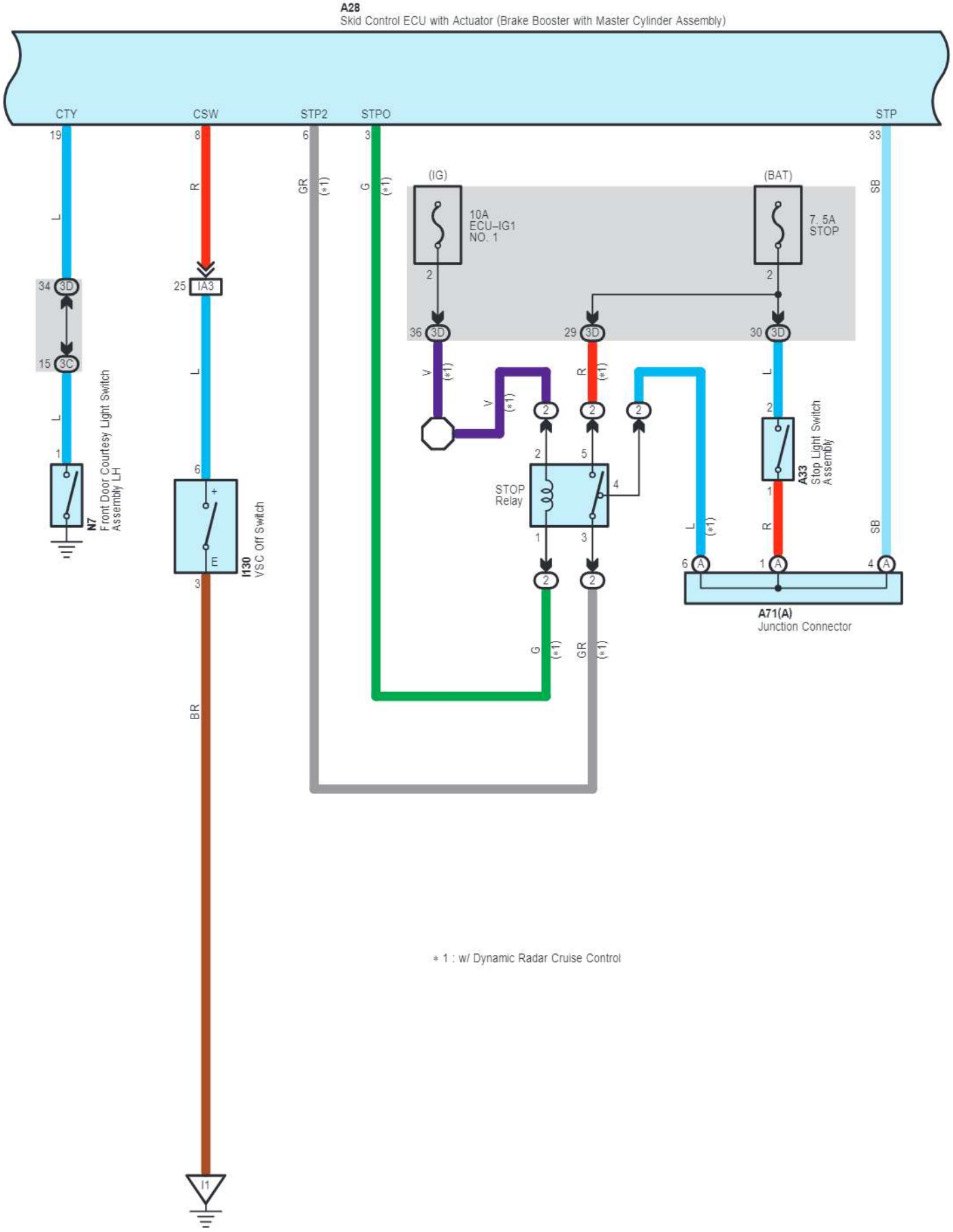

(BAT)
7. 5A
ABS
NO. 2
2
1
L
17
AA1
P
(BAT)
30A
ABS
NO. 1
1
Y
18
AA1
Y
(BAT)
50A
ABS MTR
NO. 2
1
(BAT)
50A
ABS MTR
NO. 1
1
A28
Skid Control ECU with Actuator
(Brake Booster with Master Cylinder Assembly)
MRI1
MRI2
BS
BI
1
2
15
14
R
R
Y
P

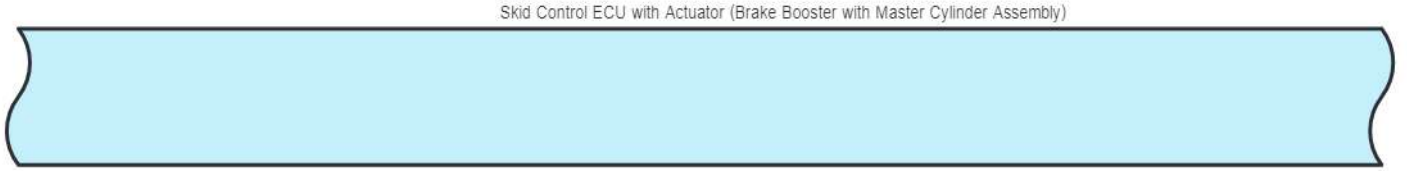

A28
Skid Control ECU with Actuator (Brake Booster with Master Cylinder Assembly)
GND2
GND3
GND4
GND5
GND6
MRO1
MRO2
SKS2
SKS
VCSK
SKG
27
26
25
24
23
29
30
40
42
39
41
W-B
B
L
G
W
R
B
2
1
AA1
A5
2
BM1
BM2
M
GND2
GND1
1
4
A3
A46(A), A47(B)
Brake Booster Pump Assembly
2
4
3
1
SKS2
SKS1
VCSK
SKG
A41
Brake Pedal Stroke Sensor Assembly

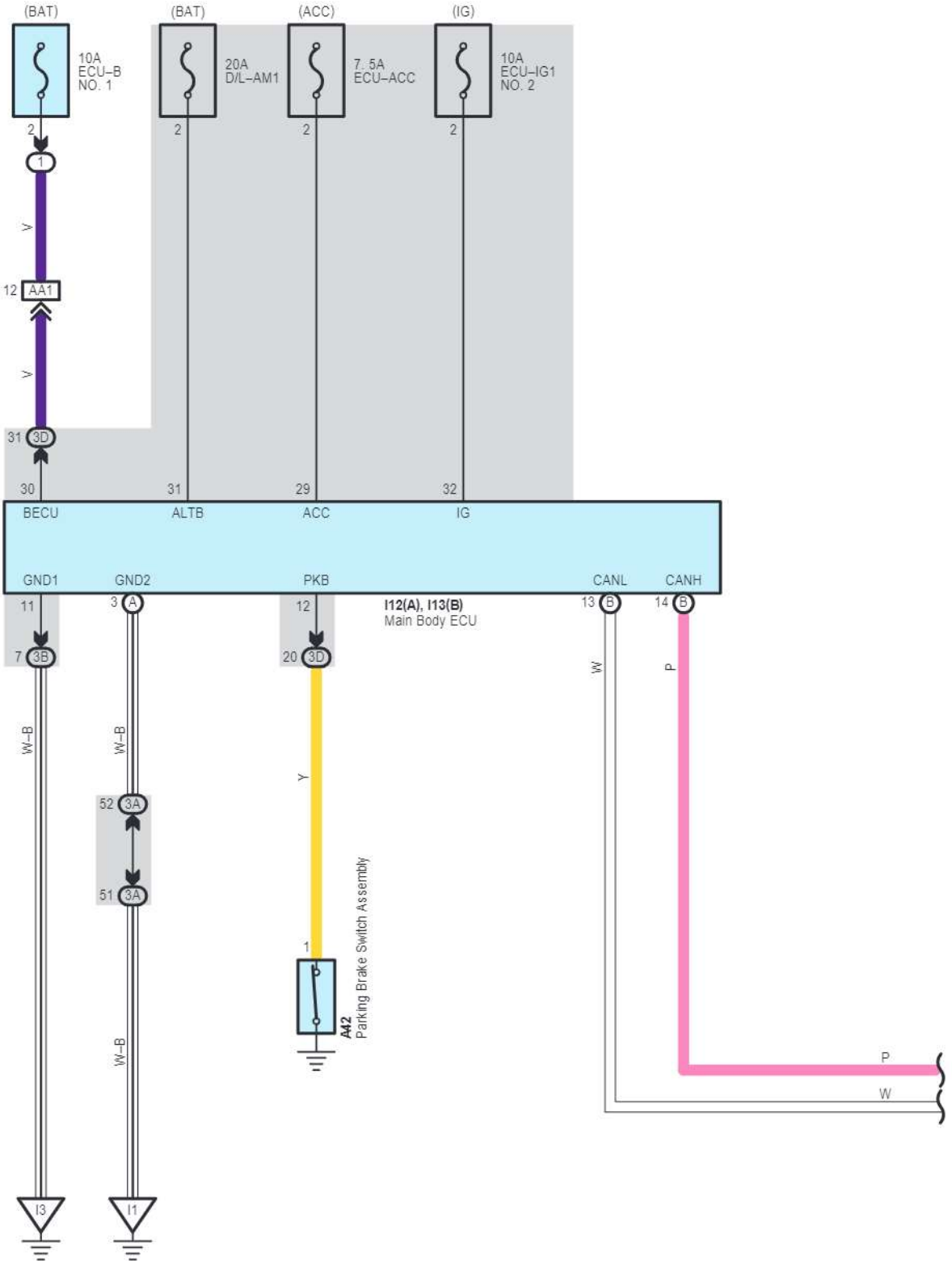

A28
Skid Control ECU with Actuator (Brake Booster with Master Cylinder Assembly)
FL–
FL+
FR–
FR+
RL–
RL+
32
31
5
18
7
20
(Shielded)
W
B
G
R
3 AN1
6 AN1
5 AN1
2 IN1
1 IN1
2
1
FL–
FL+
FR–
FR+
RL–
RL+
A16
Front Speed Sensor LH
A53
Front Speed Sensor RH
i1
Rear Speed Sensor LH
BR
W–B
A5

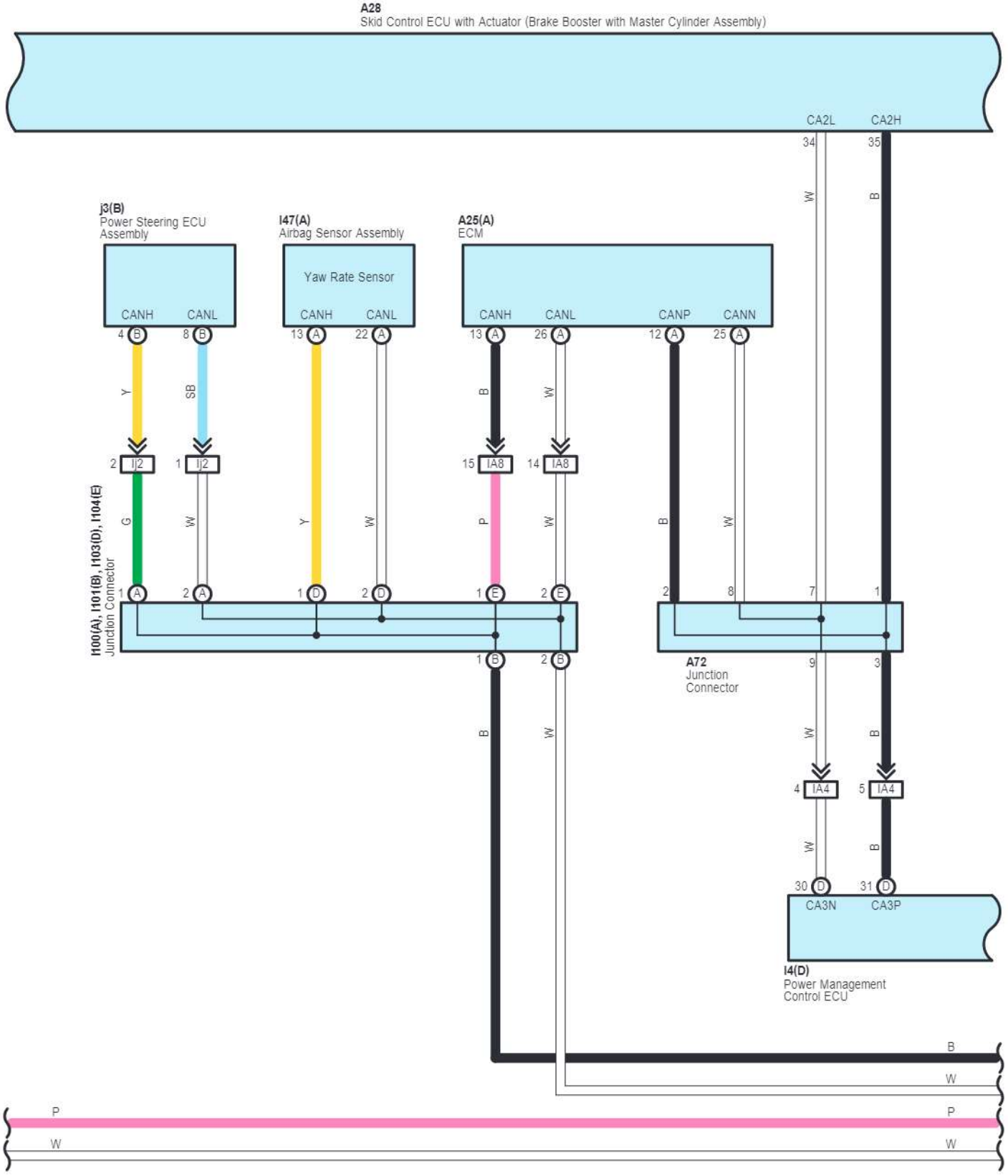

A28
Skid Control ECU with Actuator (Brake Booster with Master Cylinder Assembly)
RR–
RR+
LBL
GND
9
22
36
28
(Shielded)
B
W
LG
W–B
9 OA1
1 OA1
8 OA1
(Shielded)
G
R
2 hO1
1 hO1
B
W
1
2
RR–
RR+
h1
Rear Speed Sensor RH
2
LBL
GND
A30
Brake Fluid Level Warning Switch
(Brake Master Cylinder Reservoir Assembly)
1
L
L
W–B
(Shielded)
6
2
A73
Junction
Connector
A2

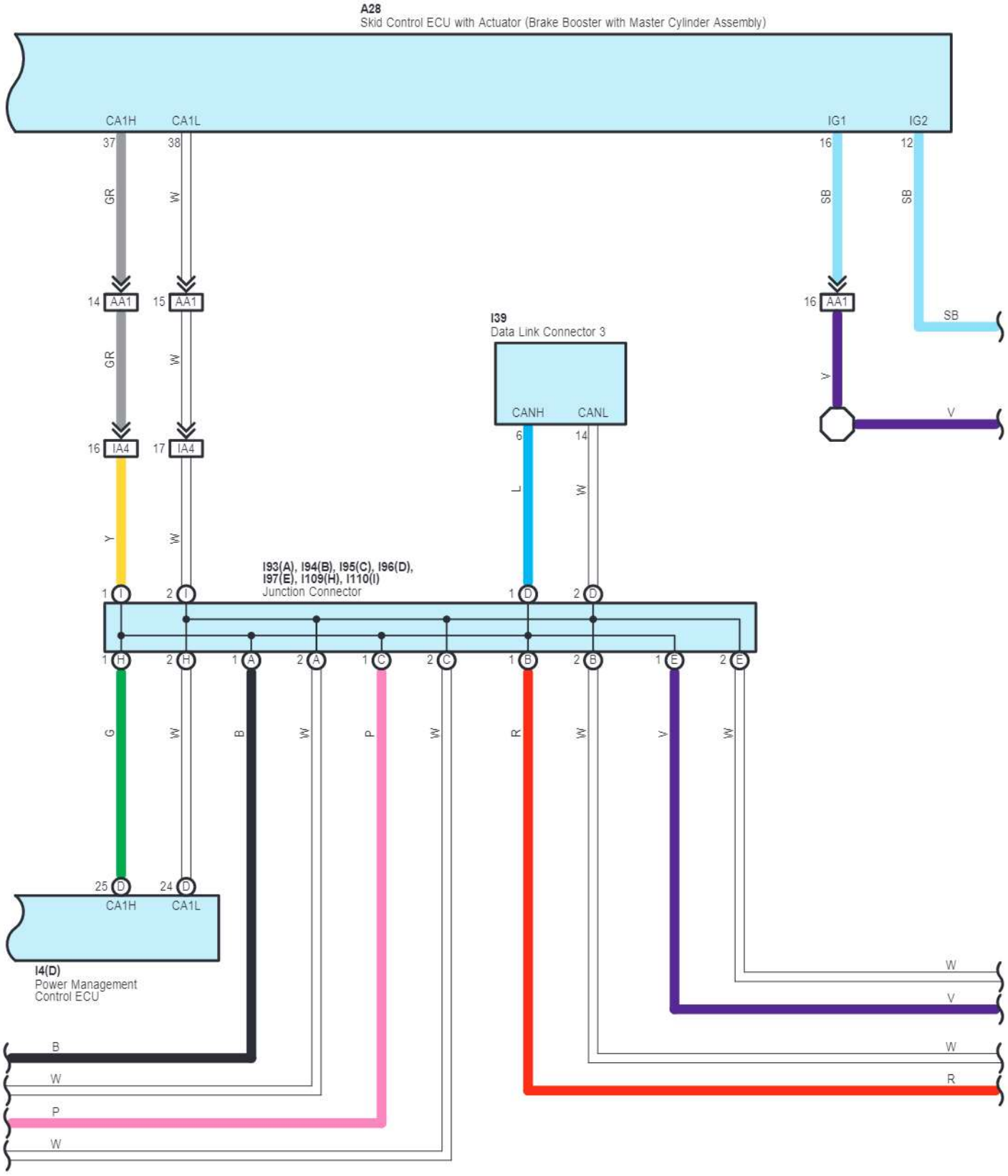

A28
Skid Control ECU with Actuator (Brake Booster with Master Cylinder Assembly)
CTY
CSW
STP2
STPO
STP
19
8
6
3
33
L
R
GR
G
SB
(*1)
(IG)
(BAT)
10A
ECU–IG1
NO. 1
7.5A
STOP
2
34 3D
15 3C
25 IA3
36 3D
29 3D
30 3D
V
R
L
1
6
2
5
4
3
N7
Front Door Courtesy Light Switch
Assembly LH
I130
VSC Off Switch
STOP
Relay
A33
Stop Light Switch
Assembly
A71(A)
Junction Connector
BR
I1
* 1 : w/ Dynamic Radar Cruise Control

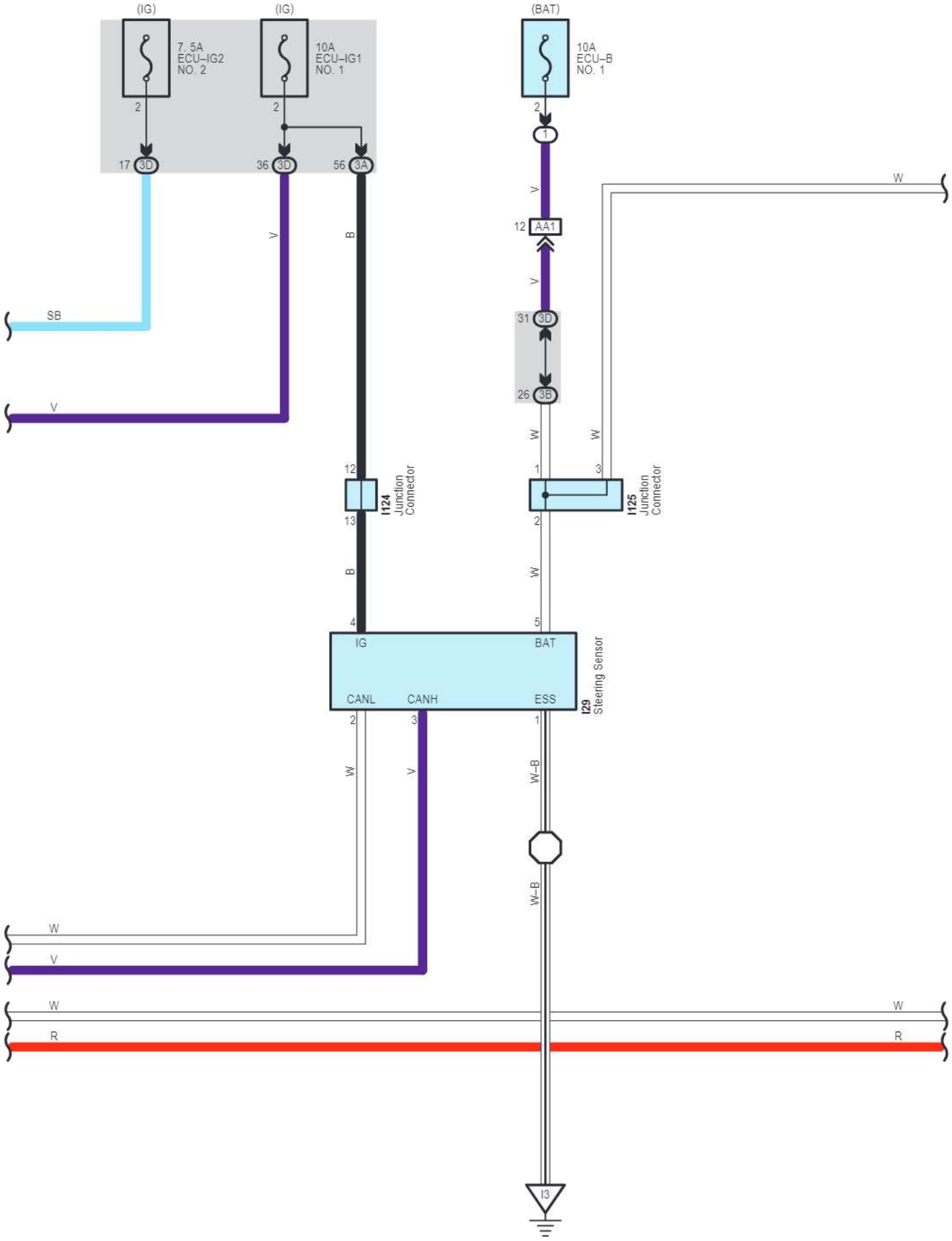
A28
Skid Control ECU with Actuator (Brake Booster with Master Cylinder Assembly)

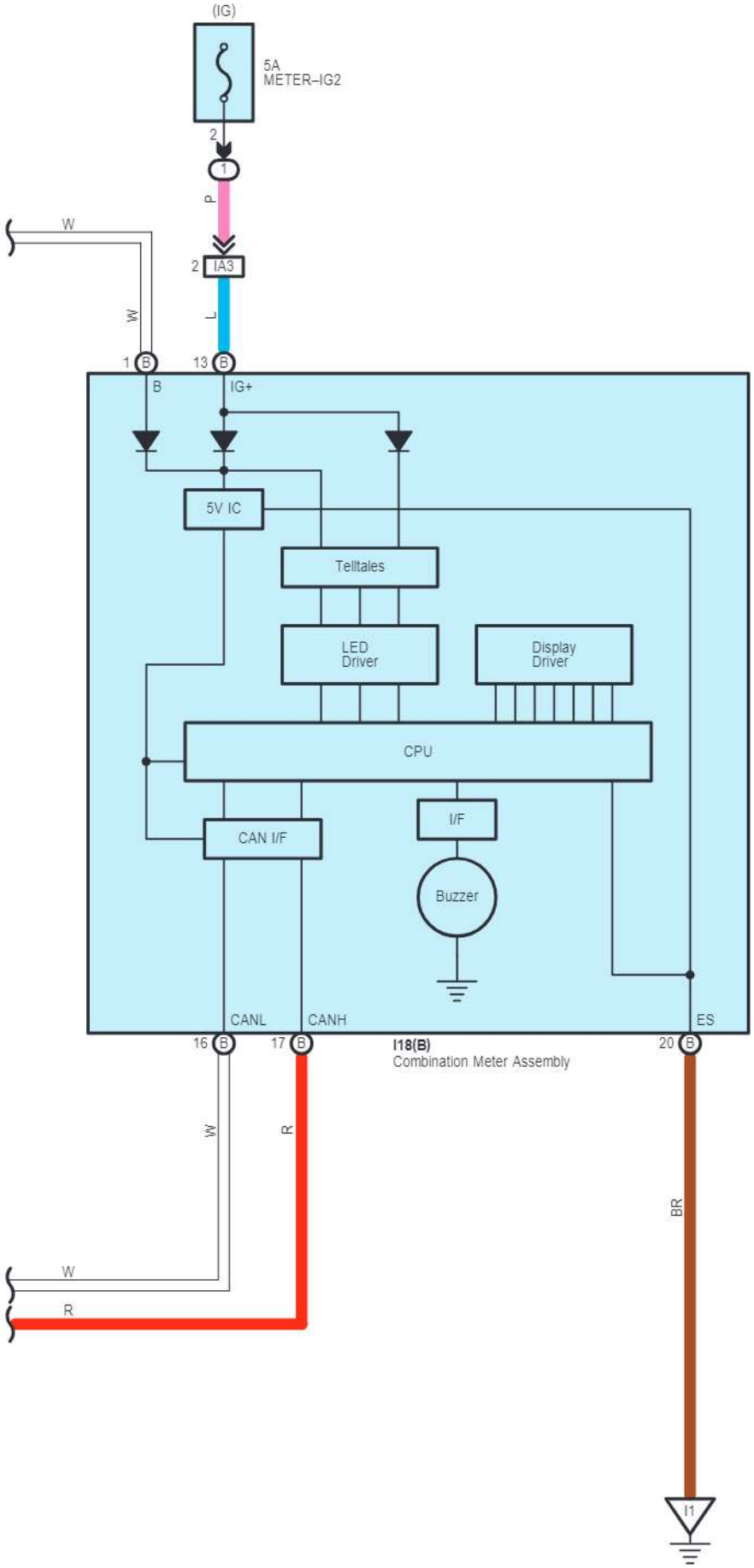




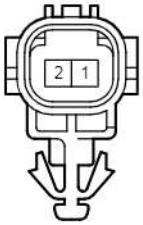

A28
Skid Control ECU with Actuator (Brake Booster with Master Cylinder Assembly)
CA2L
CA2H
34
35
W
B
j3(B)
Power Steering ECU Assembly
CANH
CANL
4 B
8 B
Y
SB
2 IJ2
1 IJ2
I47(A)
Airbag Sensor Assembly
Yaw Rate Sensor
CANH
CANL
13 A
22 A
Y
W
1 D
2 D
A25(A)
ECM
CANH
CANL
CANP
CANN
13 A
26 A
12 A
25 A
B
W
15 IA8
14 IA8
P
W
B
W
I100(A), I101(B), I103(D), I104(E)
Junction Connector
G
W
1 A
2 A
1 E
2 E
2
8
7
1
1 B
2 B
B
W
A72
Junction Connector
9
3
W
B
4 IA4
5 IA4
W
B
30 D
31 D
CA3N
CA3P
I4(D)
Power Management Control ECU
B
W
P
W
P
W


A28
Skid Control ECU with Actuator (Brake Booster with Master Cylinder Assembly)
CA1H
CA1L
IG1
IG2
37
38
16
12
GR
W
SB
SB
14 AA1
15 AA1
16 AA1
SB
I39
Data Link Connector 3
CANH
CANL
6
14
V
V
L
W
16 IA4
17 IA4
Y
W
I93(A), I94(B), I95(C), I96(D),
I97(E), I109(H), I110(I)
Junction Connector
1 I
2 I
1 D
2 D
1 H
2 H
1 A
2 A
1 C
2 C
1 B
2 B
1 E
2 E
G
W
B
W
P
W
R
W
V
W
25 D
24 D
CA1H
CA1L
I4(D)
Power Management
Control ECU
W
V
B
W
P
W
W
R

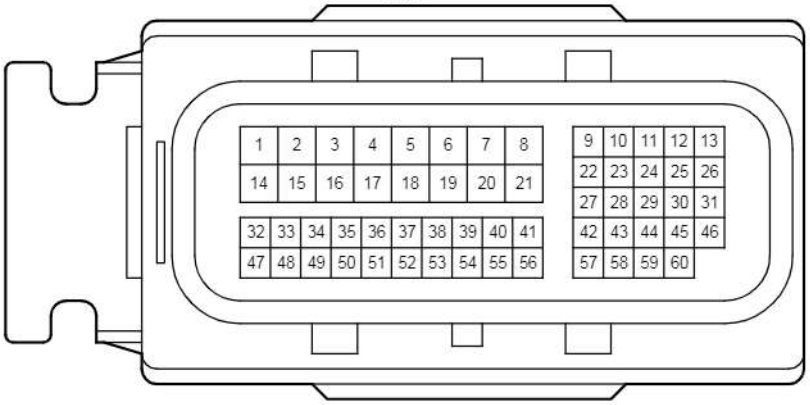

(IG)
(IG)
(BAT)
7. 5A
ECU–IG2
NO. 2
10A
ECU–IG1
NO. 1
10A
ECU–B
NO. 1
2
17 3D
36 3D
56 3A
1
12 AA1
31 3D
26 3B
SB
V
B
W
12
13
I124
Junction
Connector
1
3
2
I125
Junction
Connector
4
5
IG
BAT
CANL
CANH
ESS
I29
Steering Sensor
2
3
1
W–B
R
I3


(IG)
5A
METER–IG2
2
1
P
W
2
IA3
L
W
1
B
13
B
B
IG+
5V IC
Telltales
LED
Driver
Display
Driver
CPU
I/F
CAN I/F
Buzzer
CANL
CANH
ES
16
B
17
B
20
B
I18(B)
Combination Meter Assembly
W
R
BR
W
R
I1

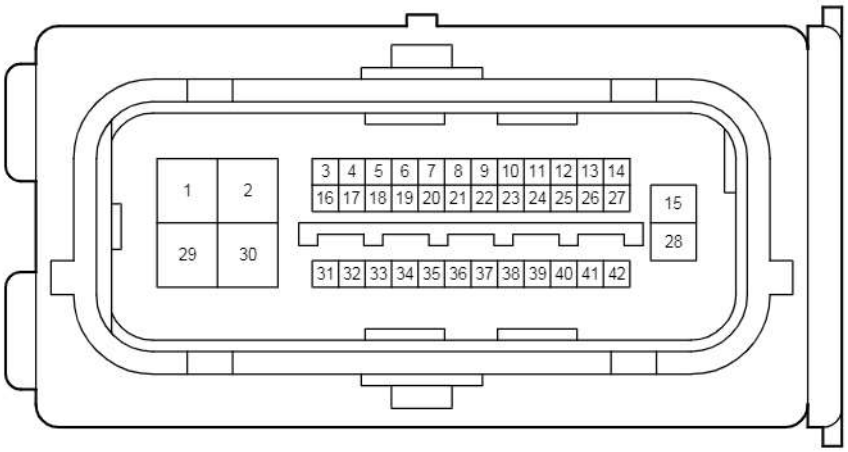
A 16
Black



A 25
Black



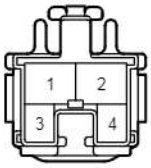
A 28
Black



A 30
Black



A 33
White



A 41
Black



A 42
Black



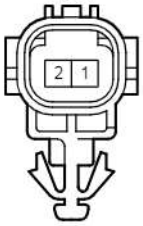
A 46
Black



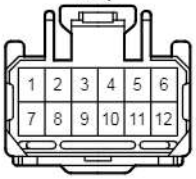
A 47
Black



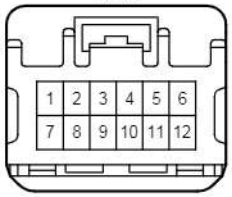
A 53
Black



A 71
Gray



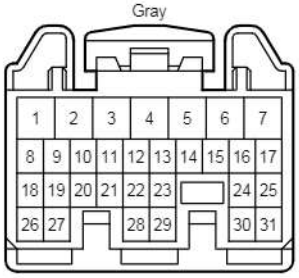
A 72
White



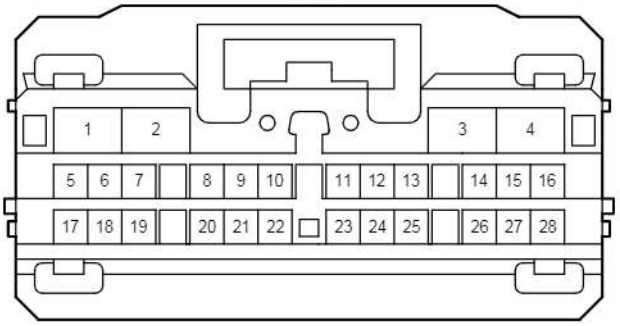
A 73
Gray



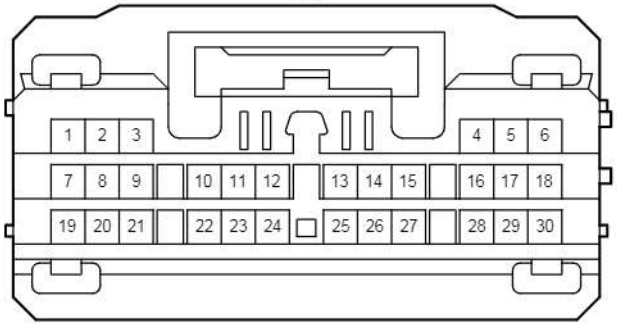
I 4
Gray



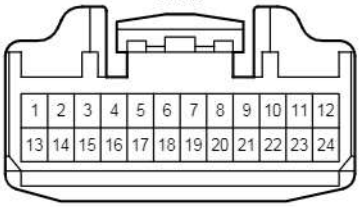
I 12
White



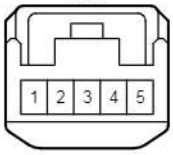
I 13
White



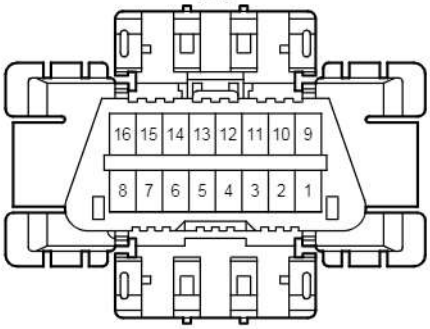
I 18
Black



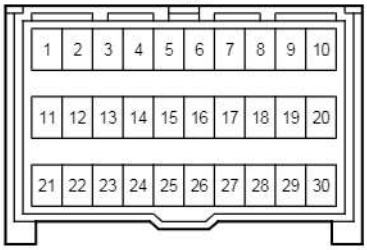
I 29
Blue



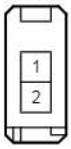
I 39
White



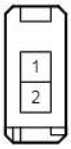
I 47
Yellow



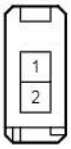
I 93
White



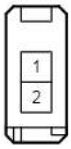
I 94
White



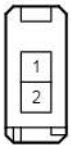
I 95
White



I 96
White



I 97
White



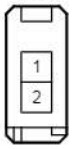
I100
White



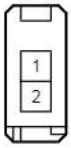
I101
White



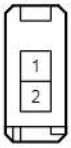
I103
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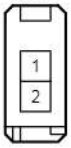
I104
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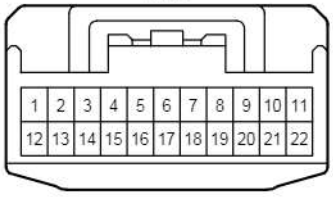
I109
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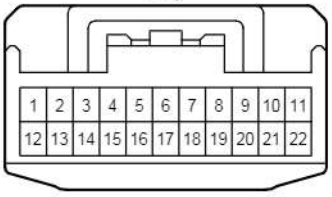
I110
White



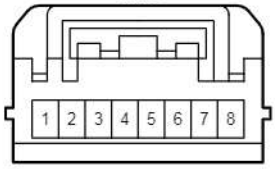
I124
White



I125
Gray



I130
Black



N 7
Black



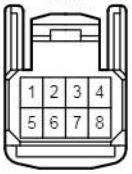
h 1
Black



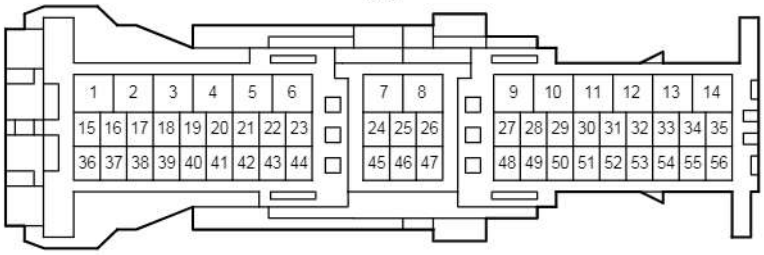
i 1
Black



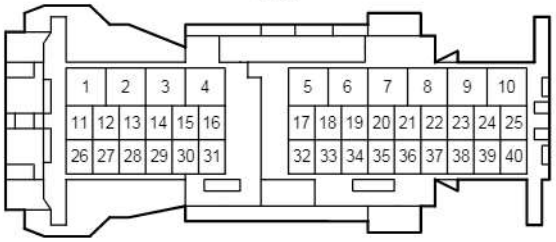
j 3
White



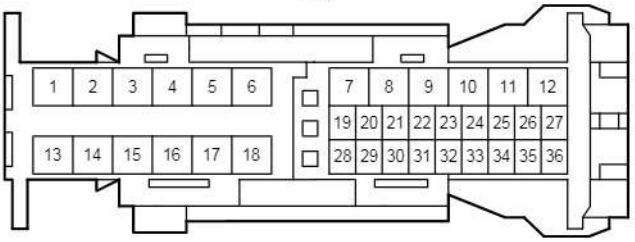
3A
White



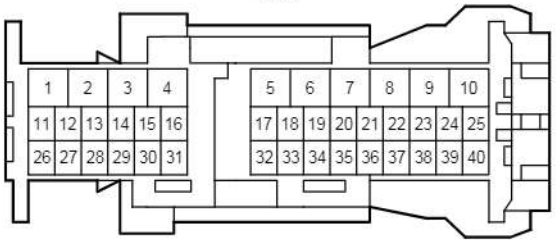
3B
White



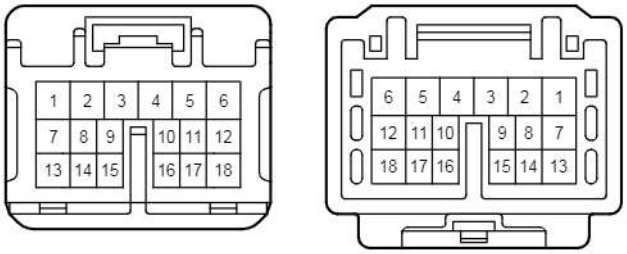
3C
White



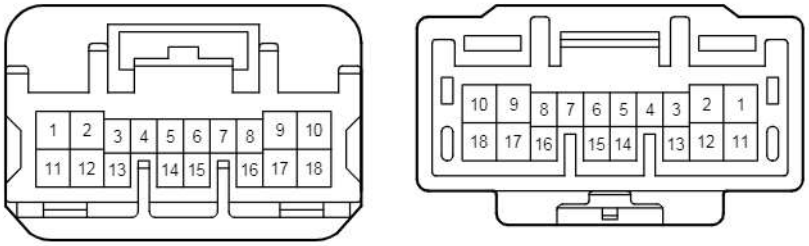
3D
White



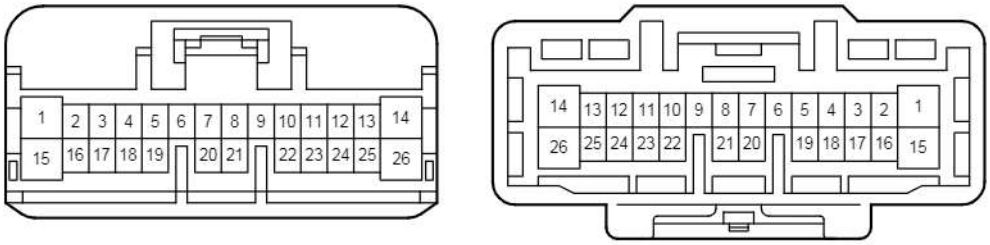
AA1
Blue



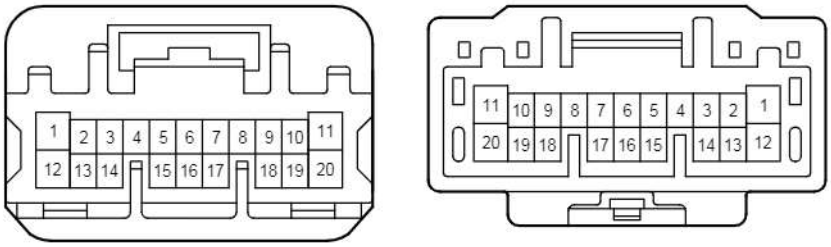
AN1
White



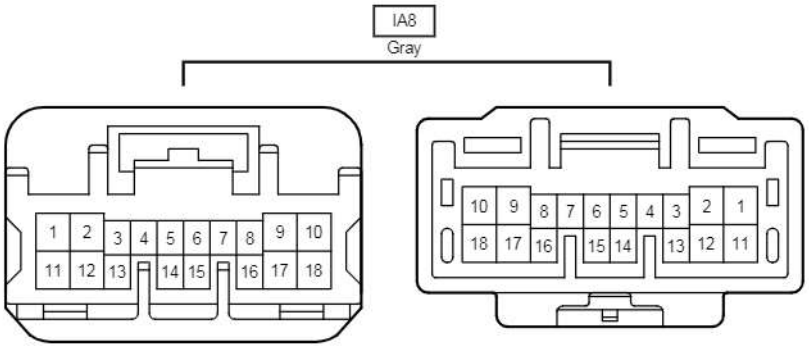
IA3
Blue



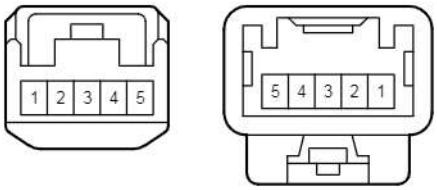
IA4
Gray



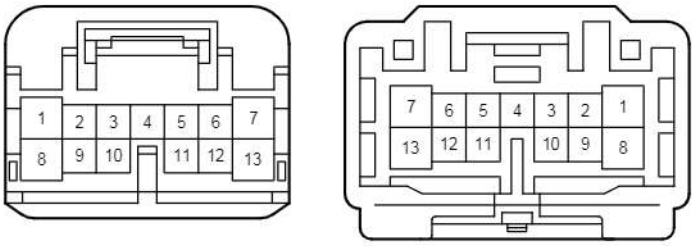
IA8
Gray



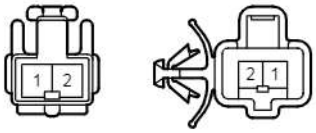
Ij2
White



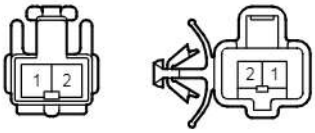
OA1
Gray

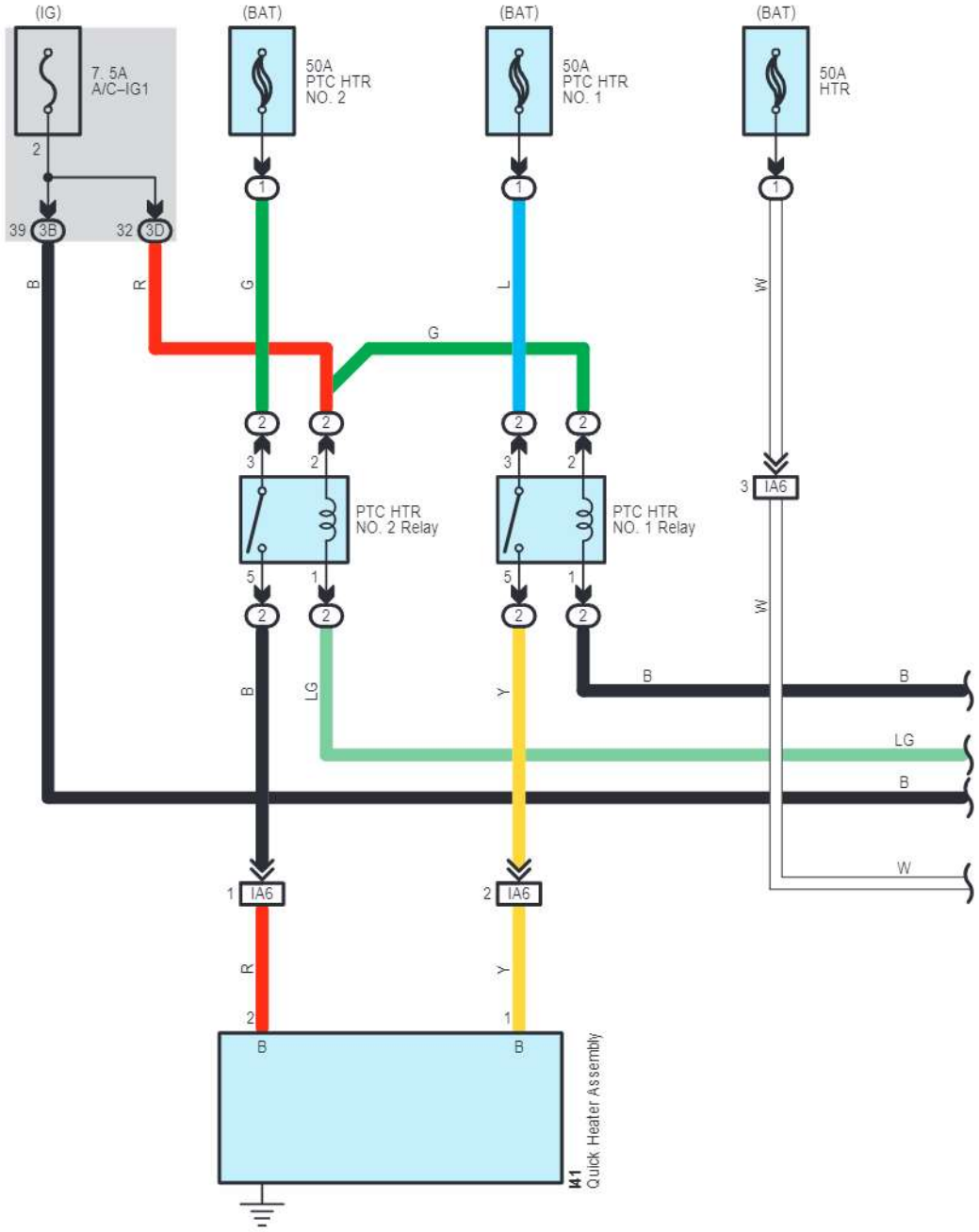


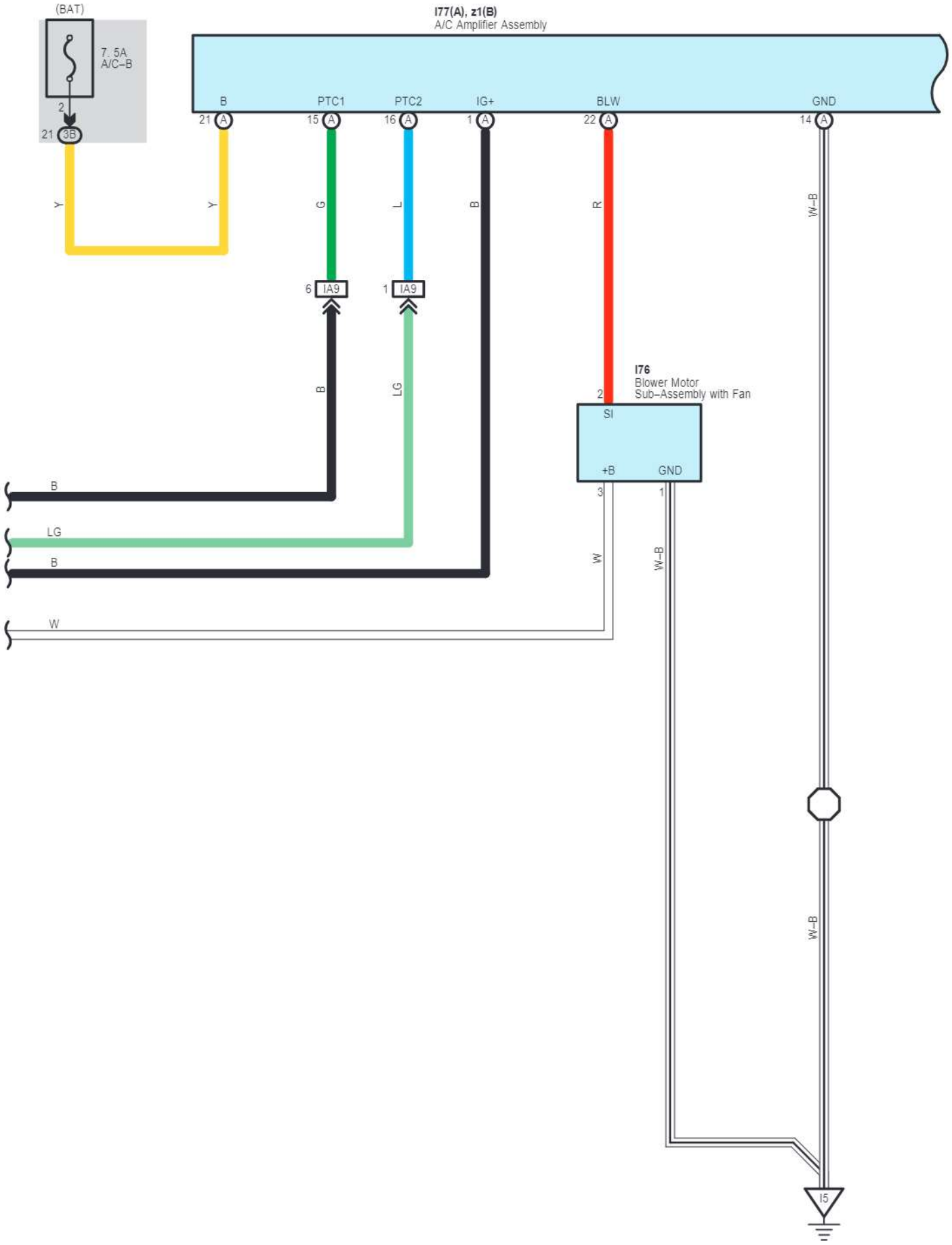
hO1
Blue

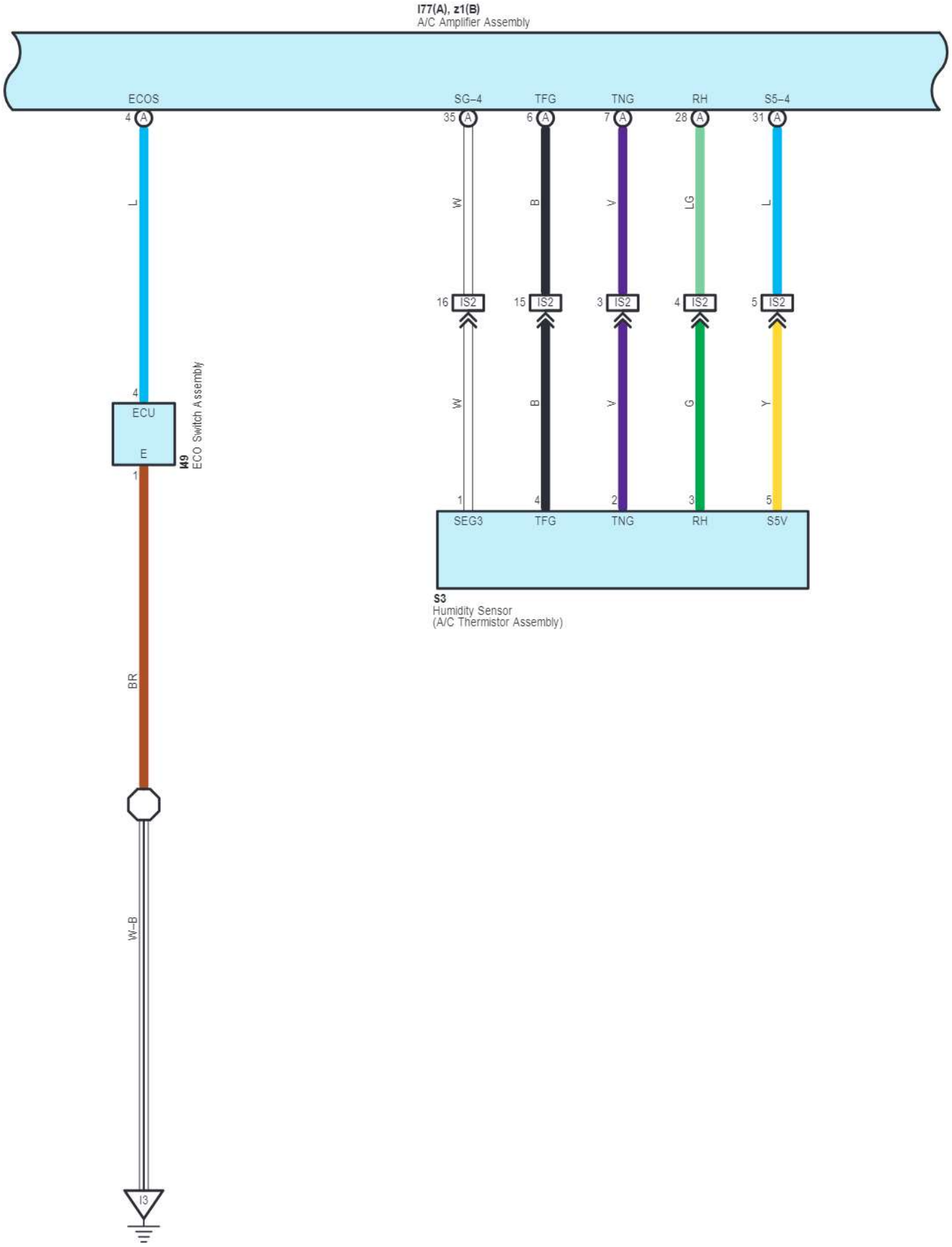


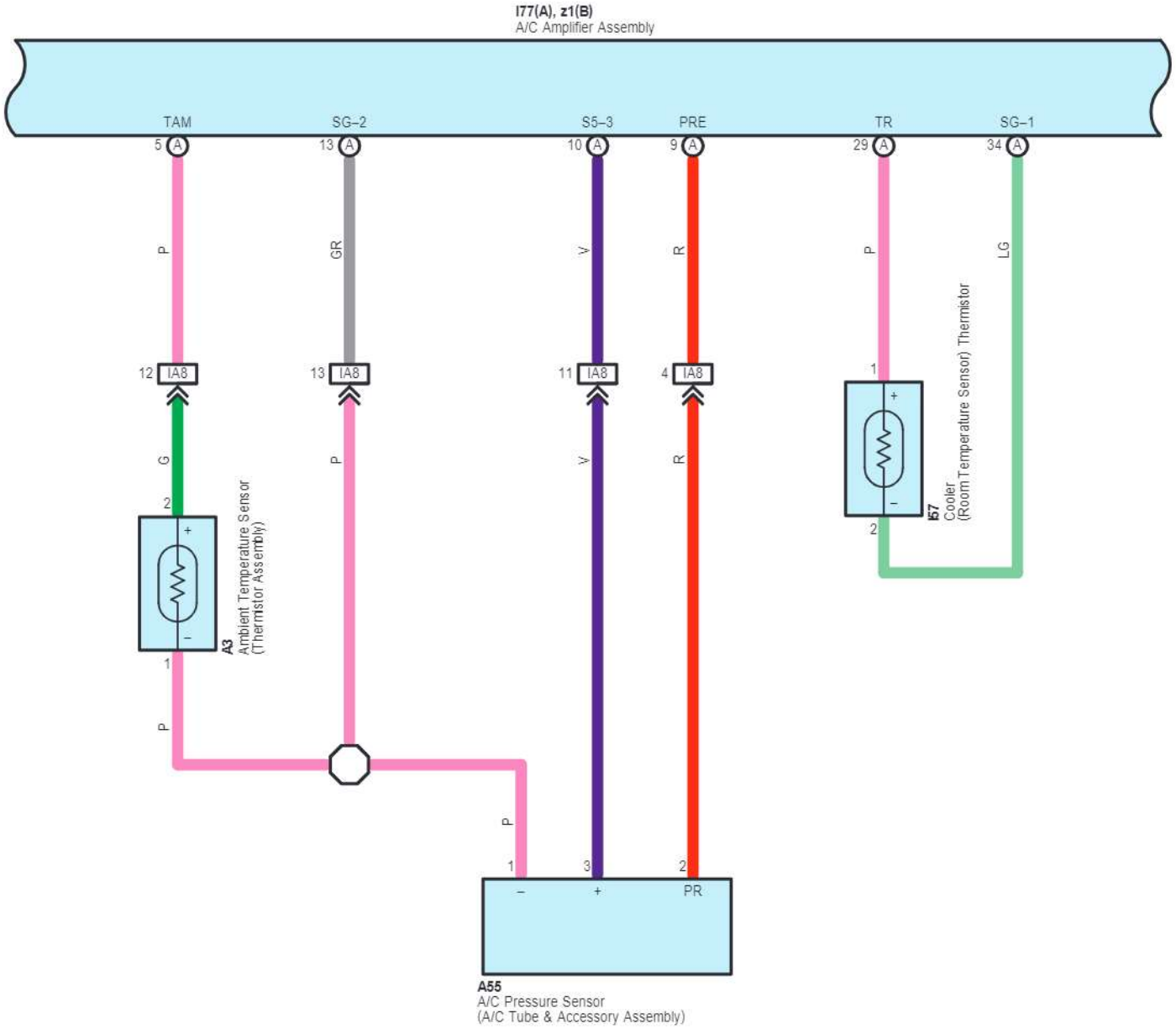
iN1
White

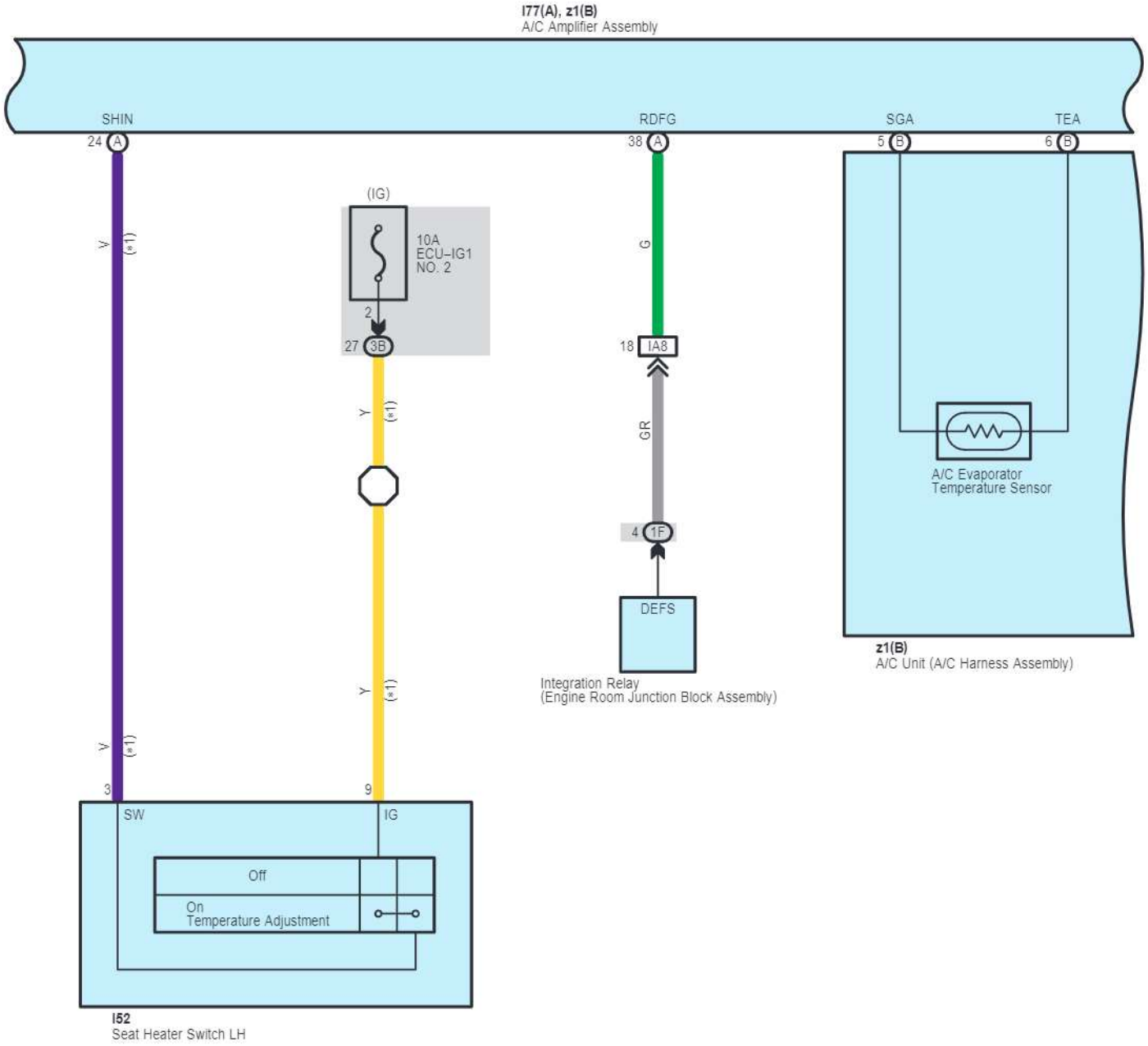



(IG)
(BAT)
(BAT)
(BAT)
7. 5A
A/C–IG1
50A
PTC HTR
NO. 2
50A
PTC HTR
NO. 1
50A
HTR
2
1
1
1
39 3B
32 3D
B
R
G
L
W
G
2
2
2
2
3
2
3
2
3 IA6
PTC HTR
NO. 2 Relay
PTC HTR
NO. 1 Relay
5
1
5
1
2
2
2
2
B
LG
Y
W
B
B
LG
B
W
1 IA6
2 IA6
R
Y
2
1
B
B
M1
Quick Heater Assembly


(BAT)
7. 5A
A/C–B
2
21 3B
I77(A), z1(B)
A/C Amplifier Assembly
B
PTC1
PTC2
IG+
BLW
GND
21 A
15 A
16 A
1 A
22 A
14 A
Y
Y
G
L
B
R
W–B
6 IA9
1 IA9
B
LG
I76
Blower Motor
Sub–Assembly with Fan
2
SI
+B
GND
3
1
B
LG
B
W
W
W–B
W–B
I5

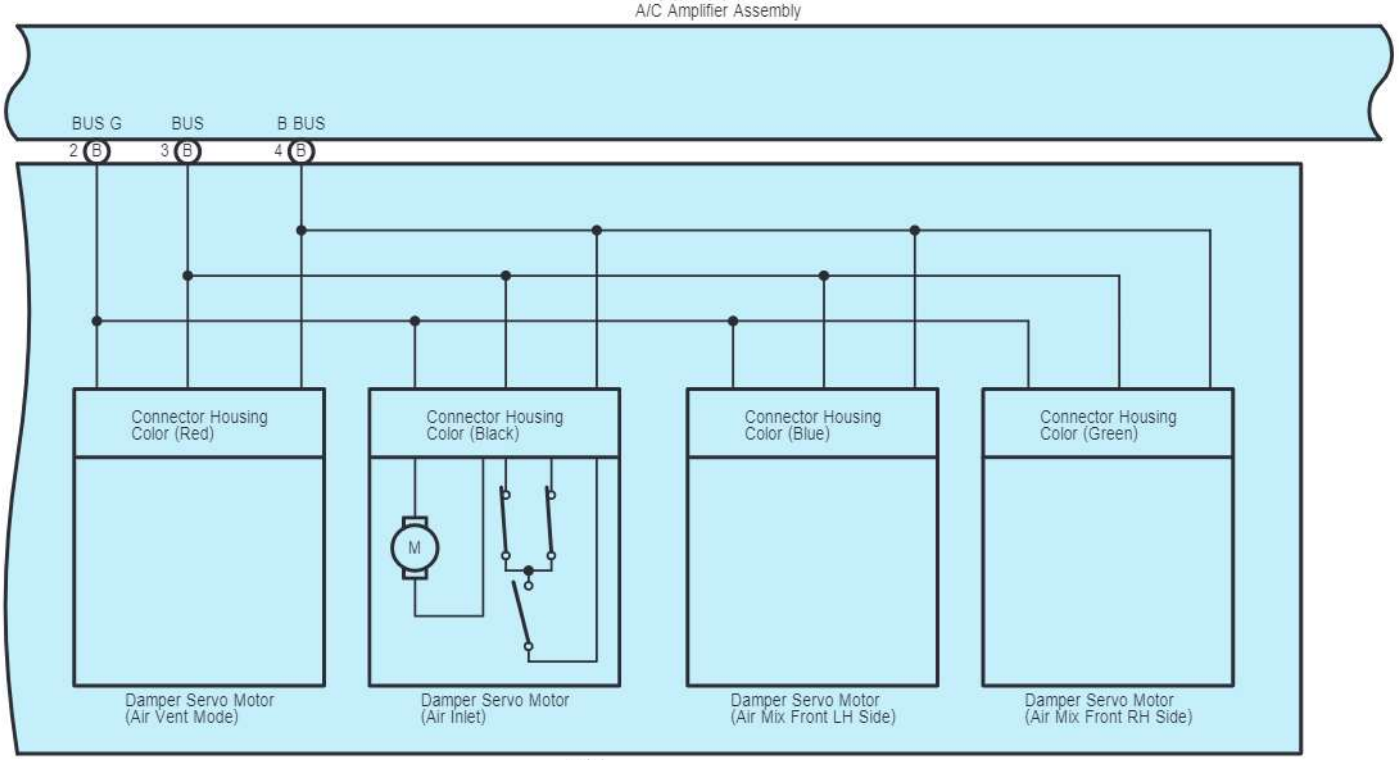

I77(A), z1(B)
A/C Amplifier Assembly
ECOS
SG–4
TFG
TNG
RH
S5–4
4 A
35 A
6 A
7 A
28 A
31 A
L
W
B
V
LG
L
16 IS2
15 IS2
3 IS2
4 IS2
5 IS2
4
ECU
E
1
K49
ECO Switch Assembly
W
B
V
G
Y
1
4
2
3
5
SEG3
TFG
TNG
RH
S5V
S3
Humidity Sensor
(A/C Thermistor Assembly)
BR
W–B
I3


I77(A), z1(B)
A/C Amplifier Assembly
TAM
SG–2
S5–3
PRE
TR
SG–1
5 A
13 A
10 A
9 A
29 A
34 A
P
GR
V
R
P
LG
12 IA8
13 IA8
11 IA8
4 IA8
1
G
P
V
R
2
+
–
A3
Ambient Temperature Sensor
(Thermistor Assembly)
1
P
P
1
3
2
–
+
PR
A55
A/C Pressure Sensor
(A/C Tube & Accessory Assembly)
I57
Cooler
(Room Temperature Sensor) Thermistor
2

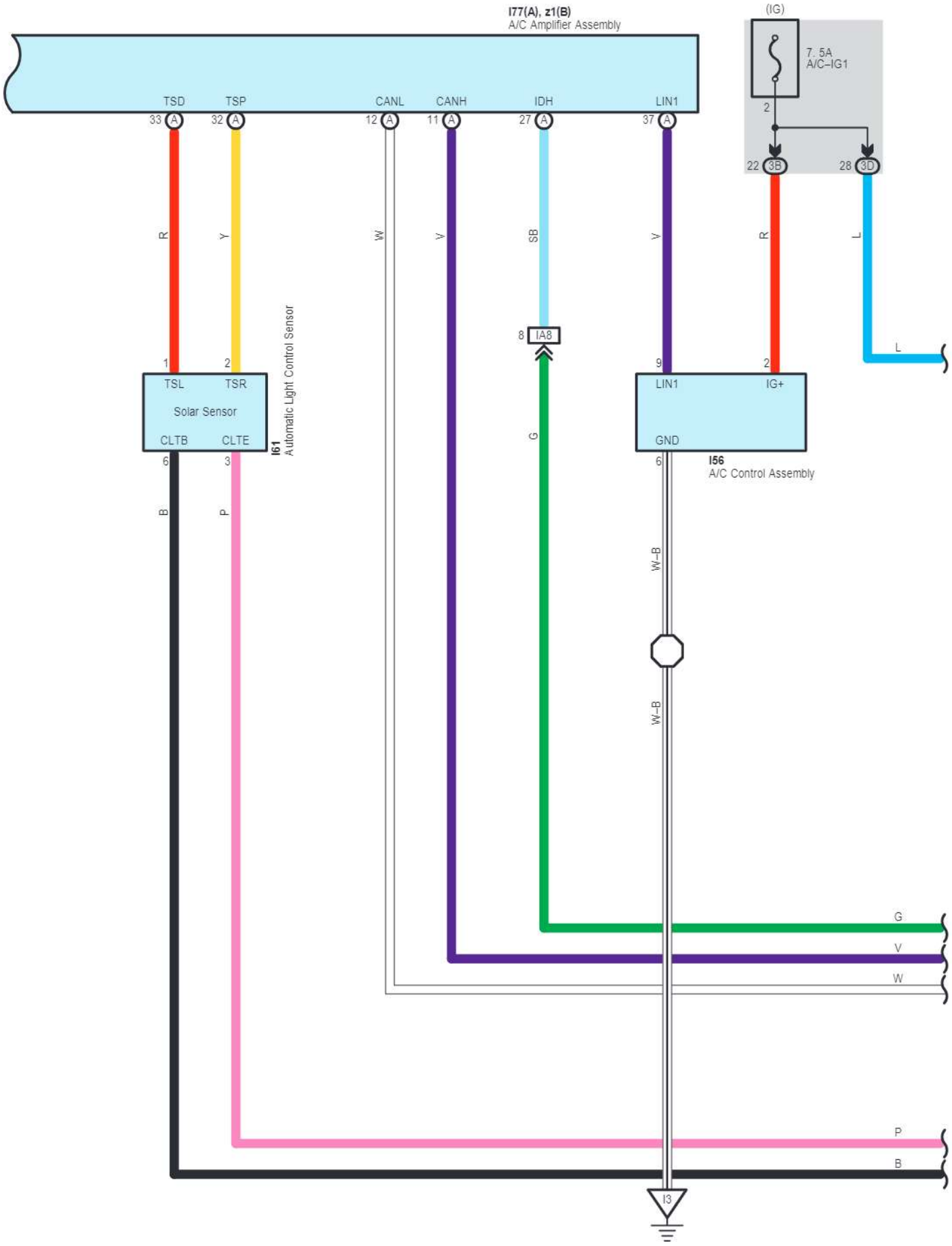


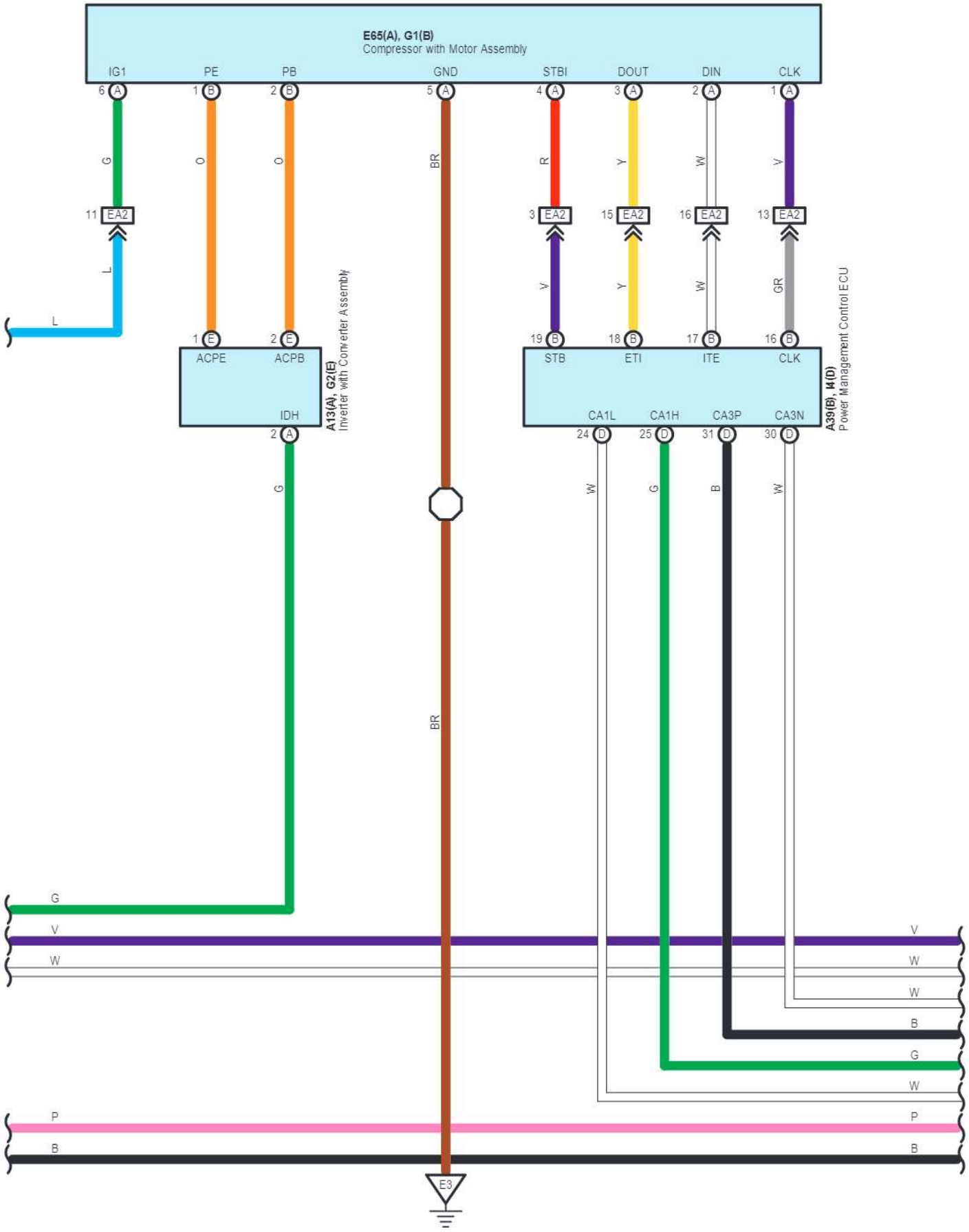
* 1 : w/ Seat Heater

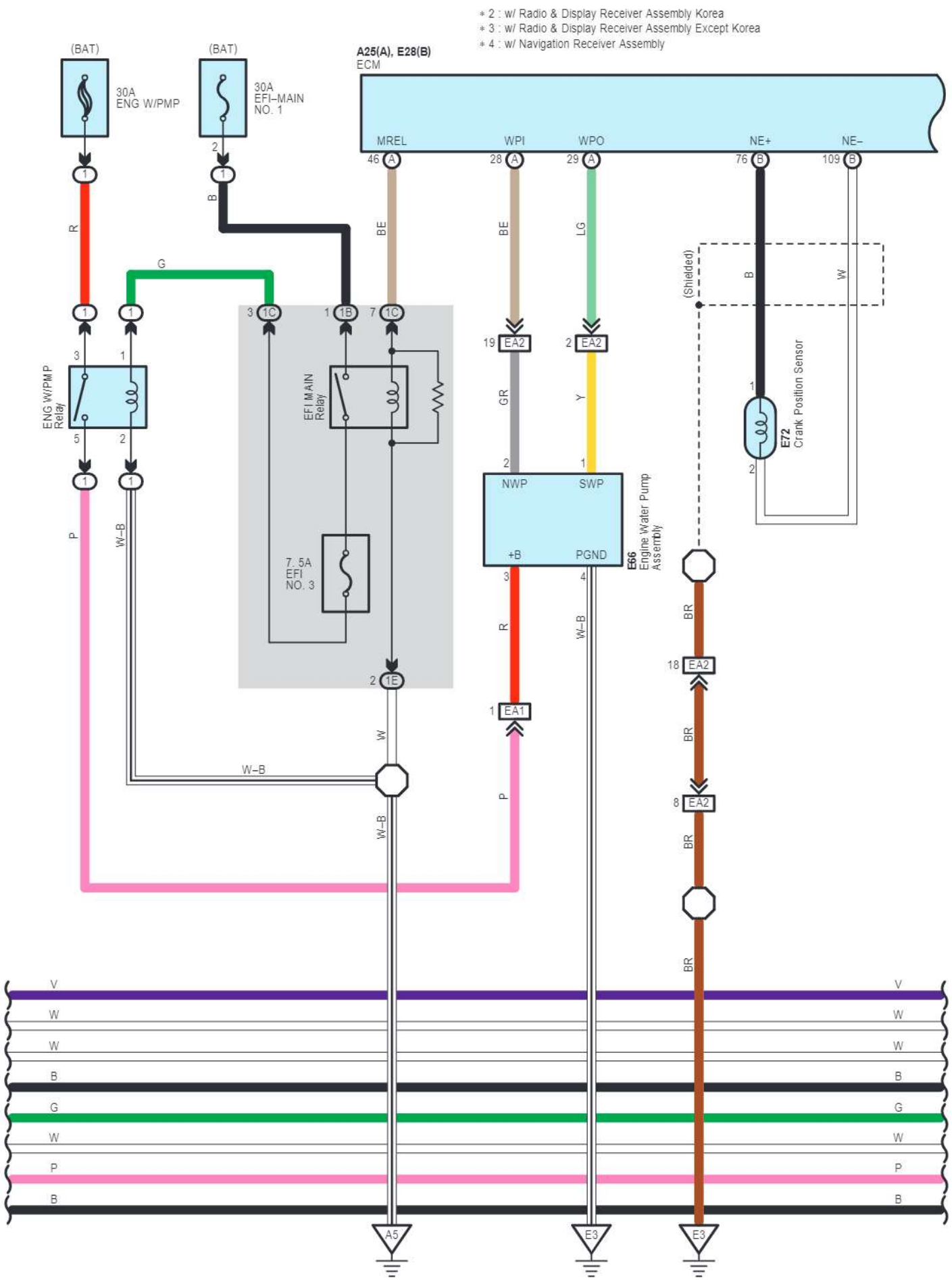
I77(A), z1(B)
A/C Amplifier Assembly

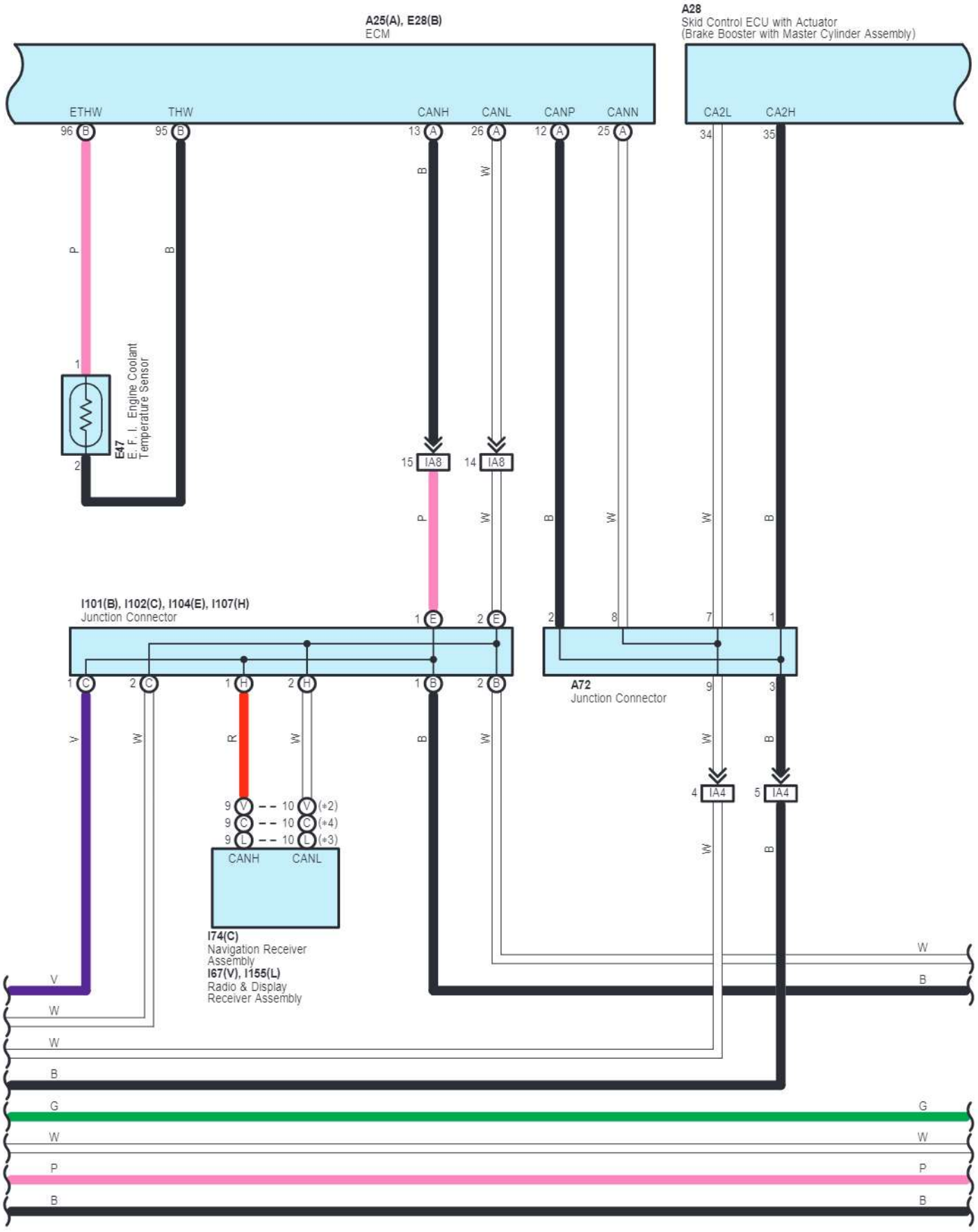


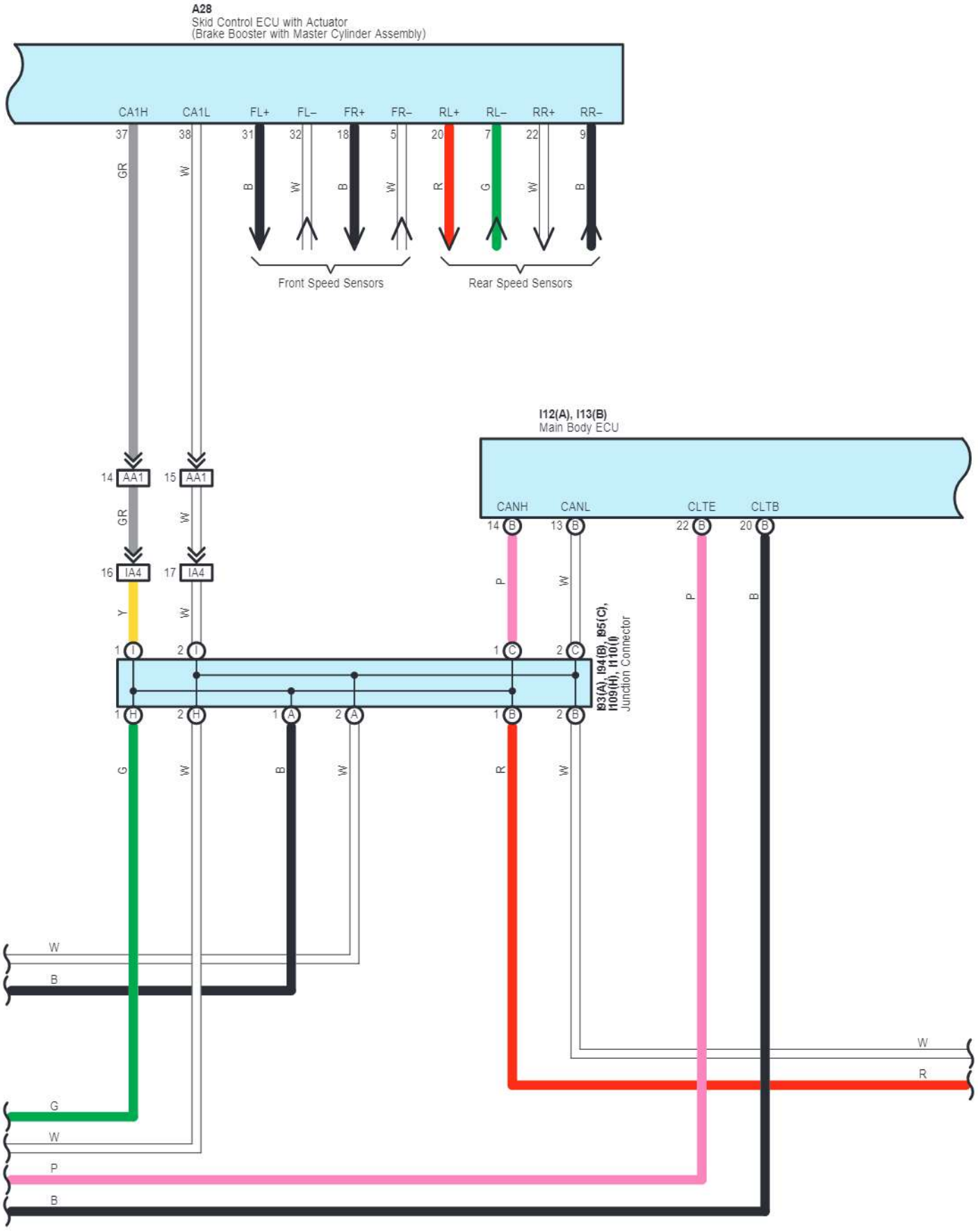
z1(B)
A/C Unit (A/C Harness Assembly)

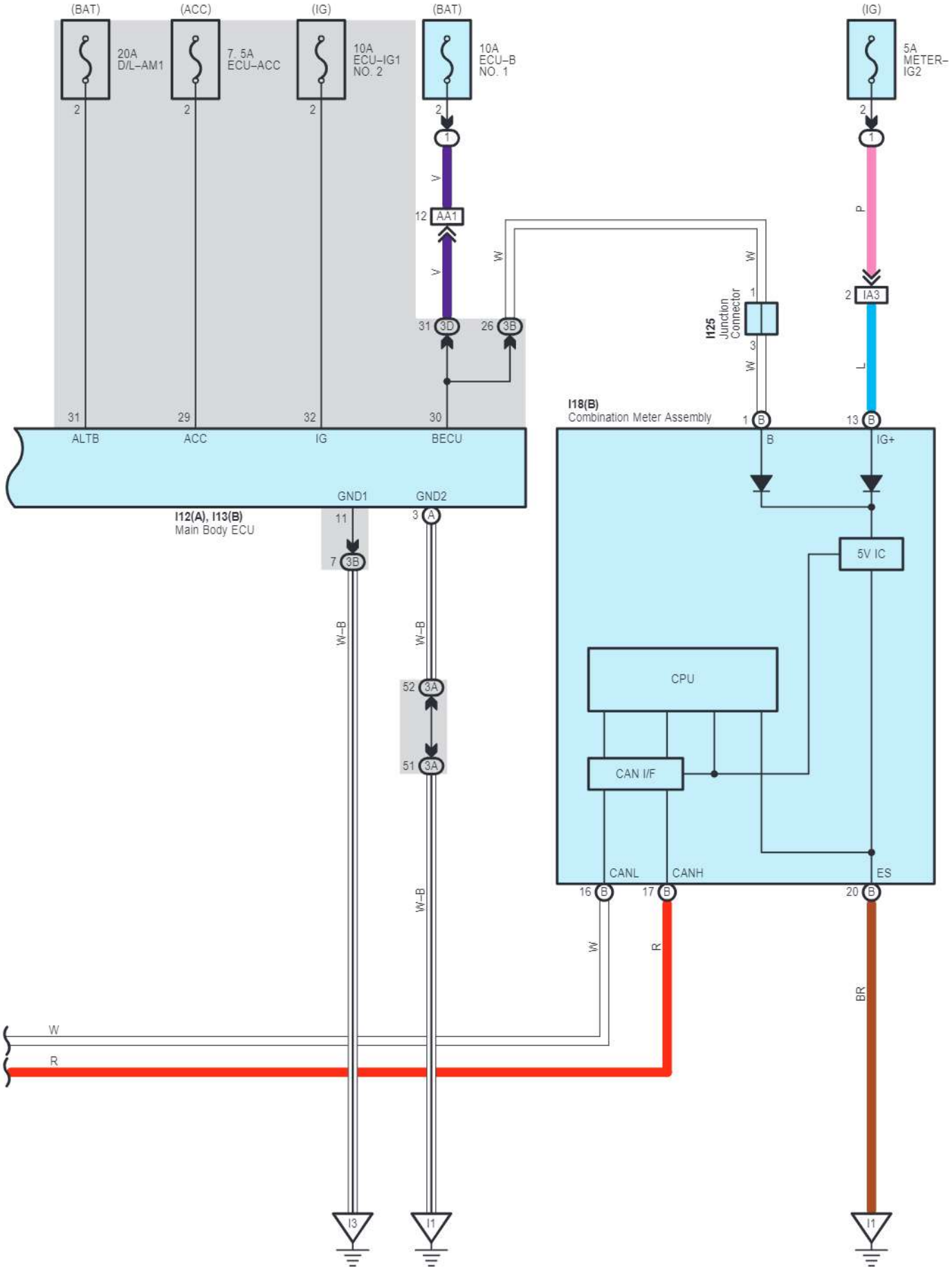

I77(A), z1(B)
A/C Amplifier Assembly
TSD
TSP
CANL
CANH
IDH
LIN1
33 A
32 A
12 A
11 A
27 A
37 A
(IG)
7. 5A
A/C–IG1
2
22 3B
28 3D
R
Y
W
V
SB
V
R
L
L
8 IA8
1
2
9
2
TSL
TSR
LIN1
IG+
Solar Sensor
CLTB
CLTE
GND
6
3
6
I61
Automatic Light Control Sensor
I56
A/C Control Assembly
B
P
G
W–B
W–B
G
V
W
P
B
I3


E65(A), G1(B)
Compressor with Motor Assembly
IG1
PE
PB
GND
STBI
DOUT
DIN
CLK
6 A
1 B
2 B
5 A
4 A
3 A
2 A
1 A
G
O
O
BR
R
Y
W
V
11 EA2
3 EA2
15 EA2
16 EA2
13 EA2
L
L
V
Y
W
GR
1 E
2 E
19 B
18 B
17 B
16 B
ACPE
ACPB
STB
ETI
ITE
CLK
A13(A), G2(E)
Inverter with Converter Assembly
IDH
CA1L
CA1H
CA3P
CA3N
2 A
24 D
25 D
31 D
30 D
A39(B), I4(D)
Power Management Control ECU
G
W
G
B
W
G
V
W
V
W
W
B
G
W
P
B
P
B
E3


* 2 : w/ Radio & Display Receiver Assembly Korea
* 3 : w/ Radio & Display Receiver Assembly Except Korea
* 4 : w/ Navigation Receiver Assembly
(BAT)
30A
ENG W/PMP
(BAT)
30A
EFI–MAIN
NO. 1
A25(A), E28(B)
ECM
MREL
WPI
WPO
NE+
NE–
46 (A)
28 (A)
29 (A)
76 (B)
109 (B)
R
B
G
BE
BE
LG
(Shielded)
B
W
ENG W/PMP
Relay
EFI MAIN
Relay
7.5A
EFI
NO. 3
19 EA2
2 EA2
GR
Y
E72
Crank Position Sensor
NWP
SWP
+B
PGND
E66
Engine Water Pump
Assembly
P
W–B
W
R
W–B
BR
18 EA2
BR
8 EA2
BR
1 EA1
P
W–B
V
W
W
B
G
W
P
B
A5
E3
E3


A25(A), E28(B)
ECM
A28
Skid Control ECU with Actuator
(Brake Booster with Master Cylinder Assembly)
ETHW
THW
CANH
CANL
CANP
CANN
CA2L
CA2H
96 (B)
95 (B)
13 (A)
26 (A)
12 (A)
25 (A)
34
35
P
B
B
W
1
2
E47
E.F.I. Engine Coolant Temperature Sensor
15 IA8
14 IA8
I101(B), I102(C), I104(E), I107(H)
Junction Connector
1 (E)
2 (E)
2
8
7
1
A72
Junction Connector
1 (C)
2 (C)
1 (H)
2 (H)
1 (B)
2 (B)
9
3
V
W
R
W
B
W
W
B
4 IA4
5 IA4
9 (V) -- 10 (V) (*2)
9 (C) -- 10 (C) (*4)
9 (L) -- 10 (L) (*3)
CANH
CANL
I74(C)
Navigation Receiver Assembly
I67(V), I155(L)
Radio & Display Receiver Assembly
V
W
W
B
G
W
P
B

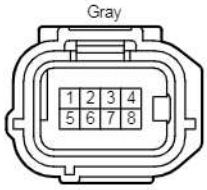

A28
Skid Control ECU with Actuator
(Brake Booster with Master Cylinder Assembly)
CA1H
CA1L
FL+
FL−
FR+
FR−
RL+
RL−
RR+
RR−
37
38
31
32
18
5
20
7
22
9
GR
W
B
W
B
W
R
G
W
B
Front Speed Sensors
Rear Speed Sensors
I12(A), I13(B)
Main Body ECU
CANH
CANL
CLTE
CLTB
14 B
13 B
22 B
20 B
P
W
P
B
14 AA1
15 AA1
GR
W
16 IA4
17 IA4
Y
W
1 I
2 I
1 C
2 C
I33(A), I94(B), I95(C),
I109(H), I110(I)
Junction Connector
1 H
2 H
1 A
2 A
1 B
2 B
G
W
B
W
R
W
W
R
G
W
P
B


(BAT)
(ACC)
(IG)
(BAT)
(IG)
20A
D/L–AM1
7. 5A
ECU–ACC
10A
ECU–IG1
NO. 2
10A
ECU–B
NO. 1
5A
METER–
IG2
AA1
IA3
I125
Junction
Connector
I18(B)
Combination Meter Assembly
ALTB
ACC
IG
BECU
GND1
GND2
I12(A), I13(B)
Main Body ECU
B
IG+
5V IC
CPU
CAN I/F
CANL
CANH
ES
W–B
W
R
BR
I3
I1

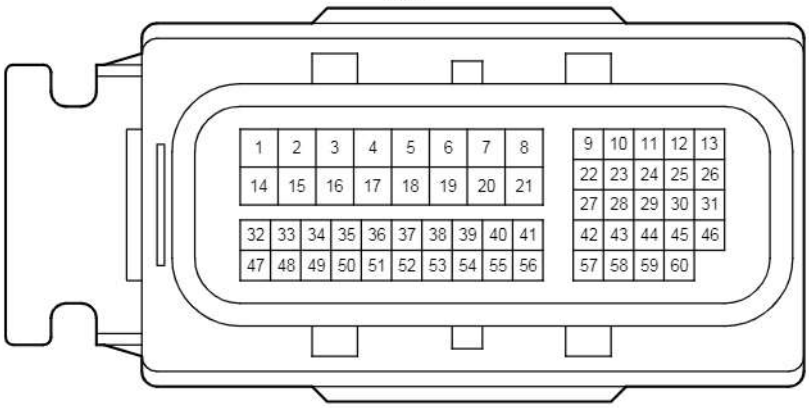
A 3
Black



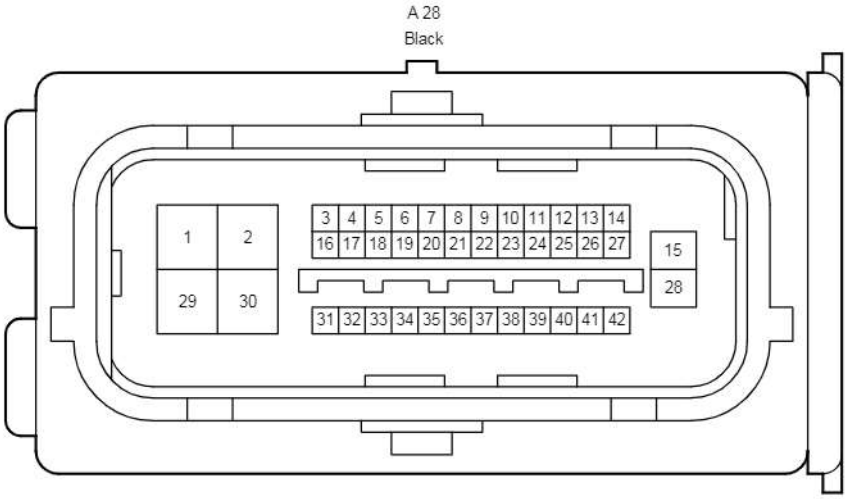
A 13
Gray



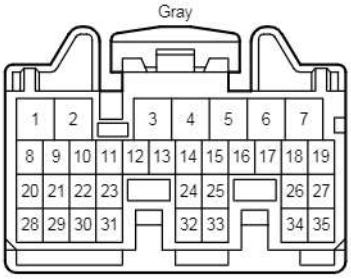
A 25
Black



A 28
Black



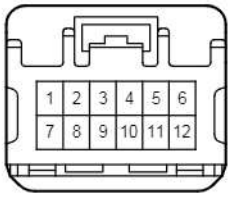
A 39
Gray



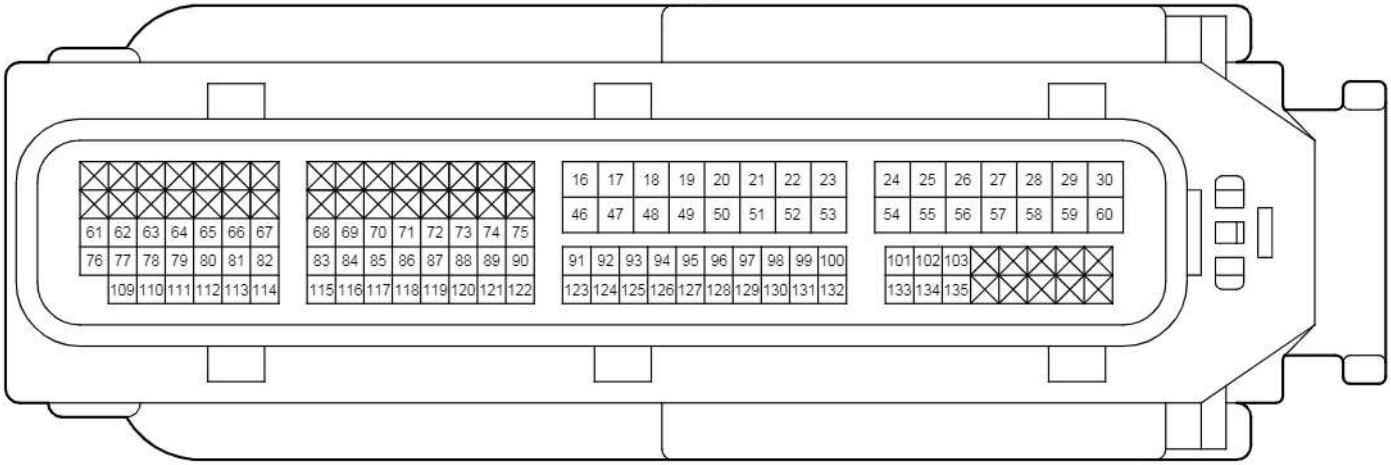
A 55
Black



A 72
White



E 28
Black



E 47
Black



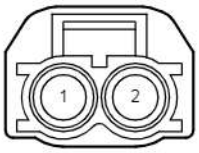
E 65
Black



E 66
Gray



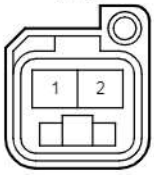
E 72
Black



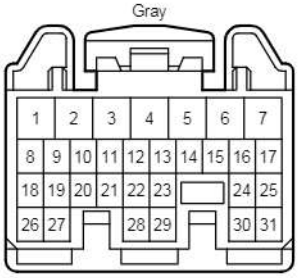
G 1
Orange



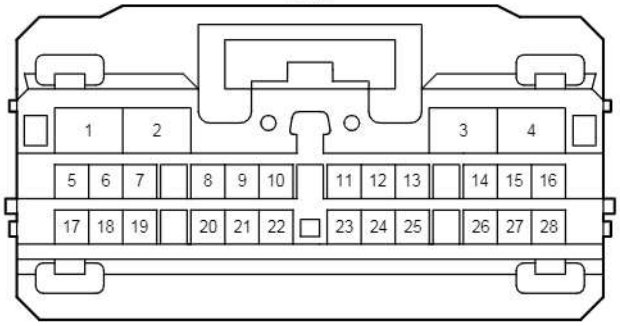
G 2
White



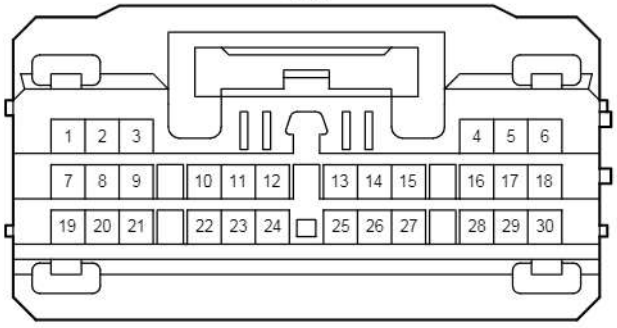
I 4
Gray



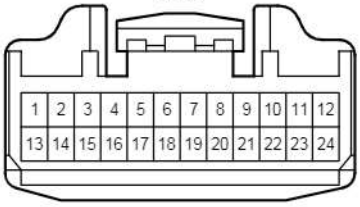
I 12
White



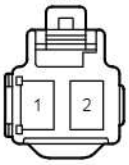
I 13
White



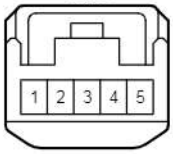
I 18
Black



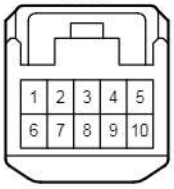
I 41
White



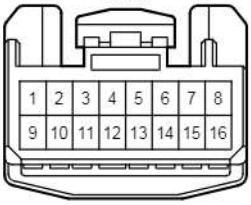
I 49
Black



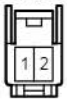
I 52
Black



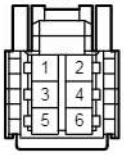
I 56
Black



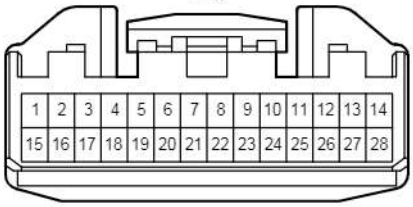
I 57
Black



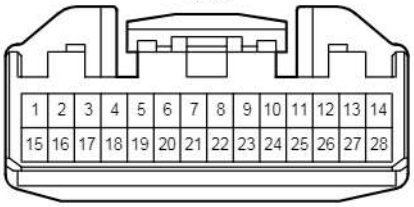
I 61
Blue



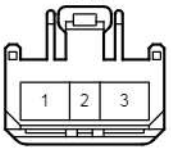
I 67
White



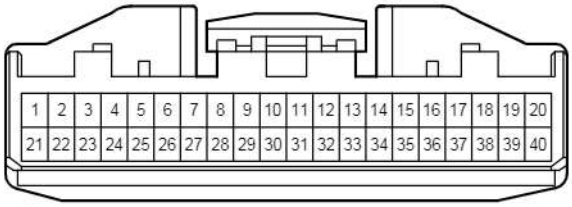
I 74
White



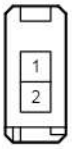
I 76
Black



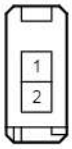
I 77
White



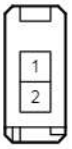
I 93
White



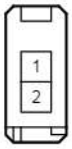
I 94
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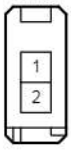
I 95
White



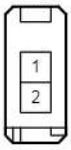
I101
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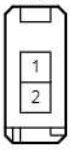
I102
White



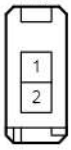
I104
White



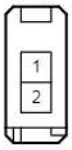
I107
White



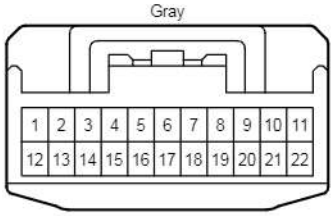
I109
White



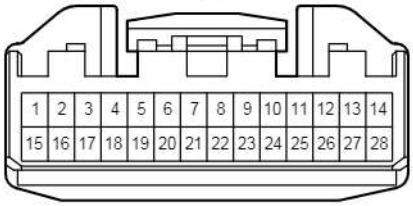
I110
White



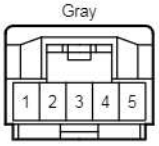
I125
Gray



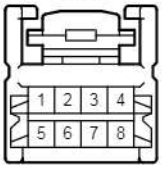
I155
White



S 3
Gray



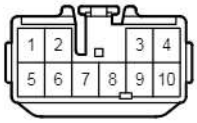
z 1
White



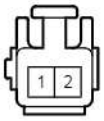
1B
White



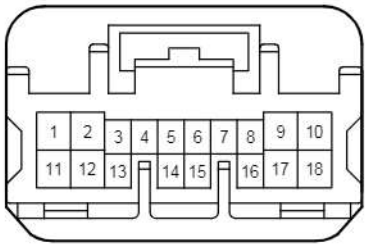
1C
White



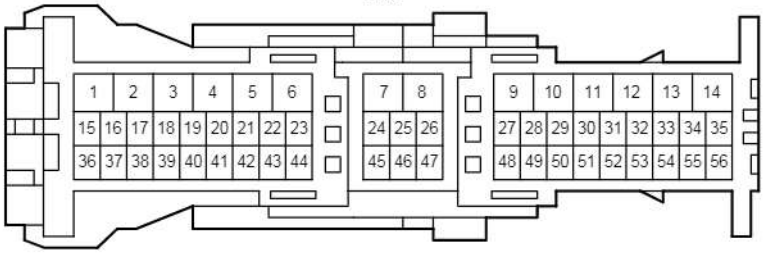
1E
White



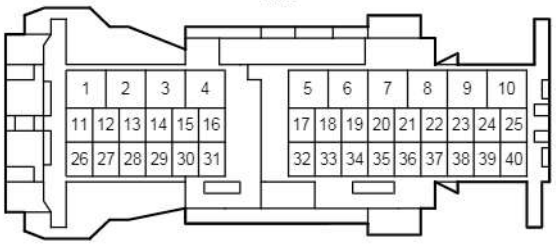
1F
White



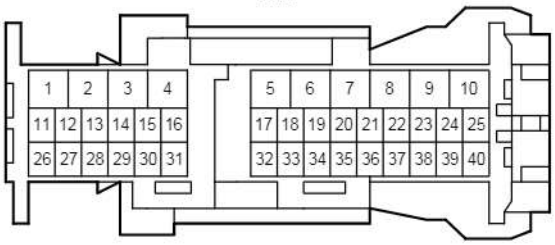
3A
White



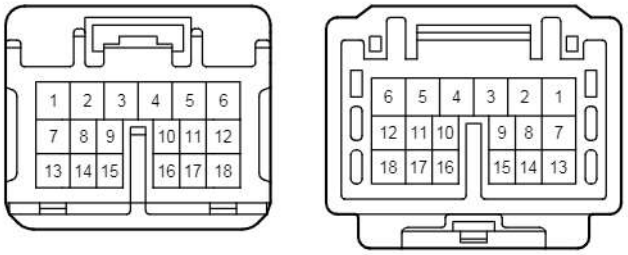
3B
White



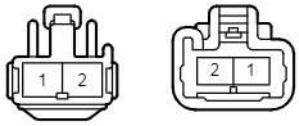
3D
White



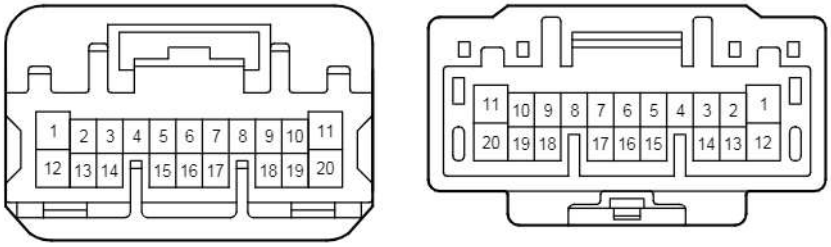
AA1
Blue



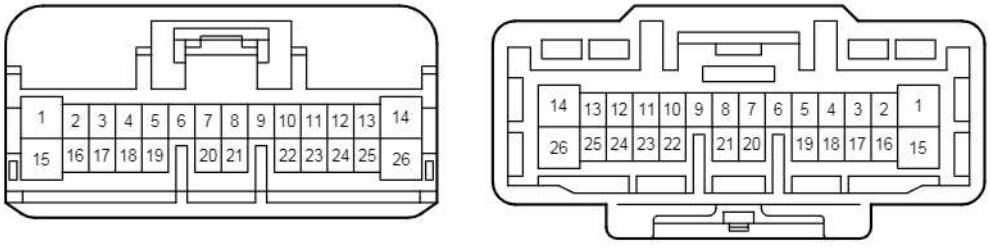
EA1
White



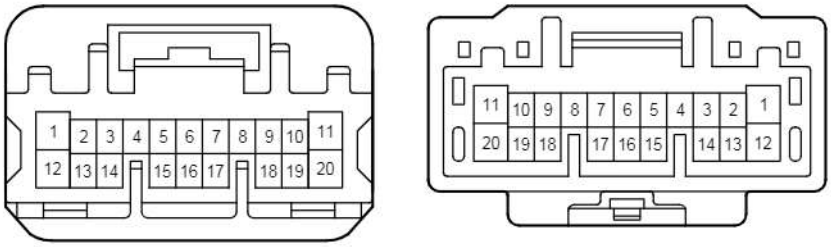
EA2
White



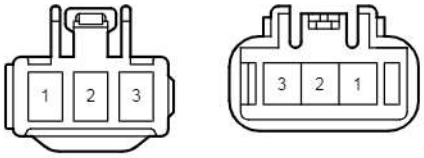
IA3
Blue



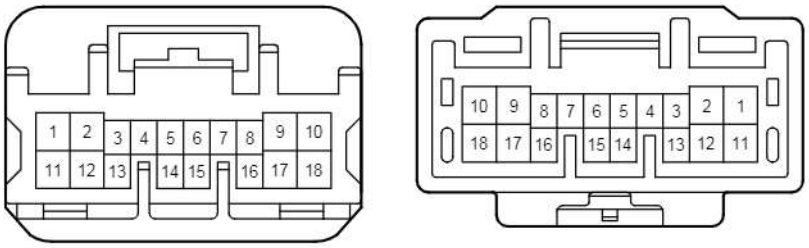
IA4
Gray



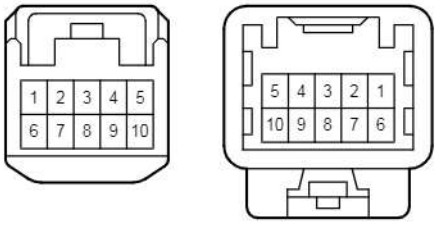
IA6
Blue



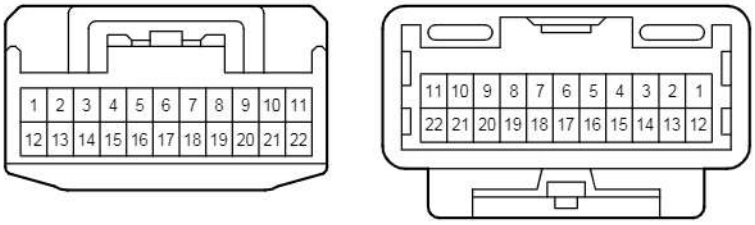
IA8
Gray

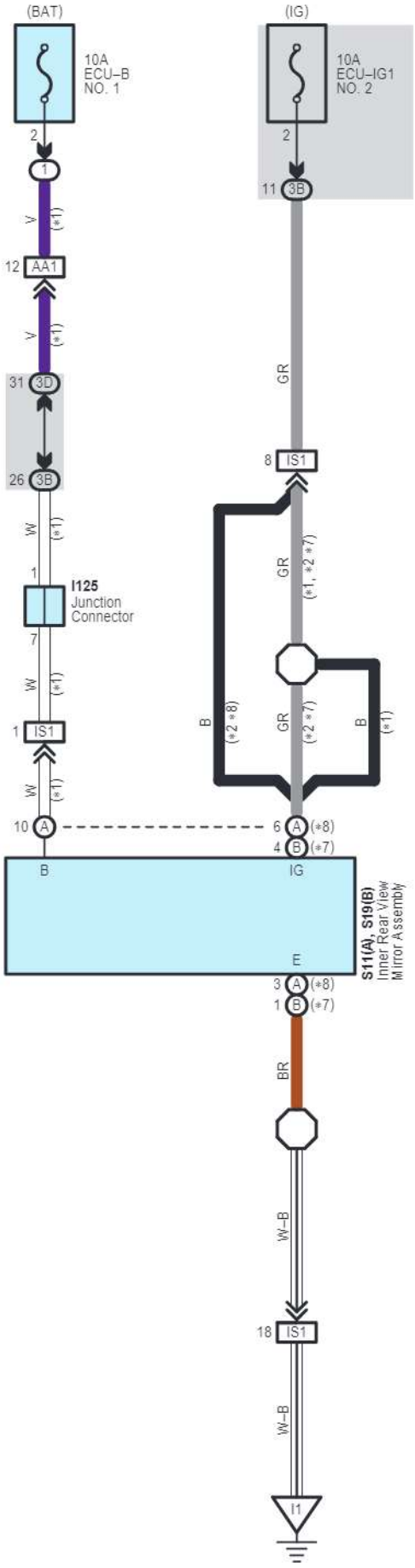


IA9
Gray

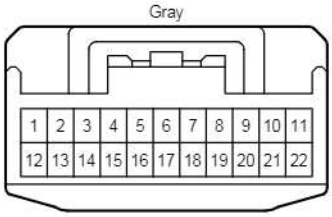


IS2
White




(BAT)
10A
ECU–B
NO. 1
2
1
V
(*1)
12
AA1
V
(*1)
31
3D
26
3B
W
(*1)
1
I125
Junction
Connector
7
W
(*1)
1
IS1
W
(*1)
10
A
B
(IG)
10A
ECU–IG1
NO. 2
2
11
3B
GR
8
IS1
GR
(*1, *2 *7)
B
(*2 *8)
GR
(*2 *7)
B
(*1)
6
A
(*8)
4
B
(*7)
IG
S11(A), S19(B)
Inner Rear View
Mirror Assembly
E
3
A
(*8)
1
B
(*7)
BR
W–B
18
IS1
W–B
I1
* 1 : w/ Sliding Roof
* 2 : w/o Sliding Roof
* 7 : w/ Lane Departure Alert
* 8 : w/o Lane Departure Alert

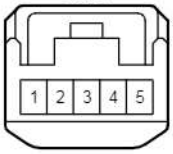
I125
Gray



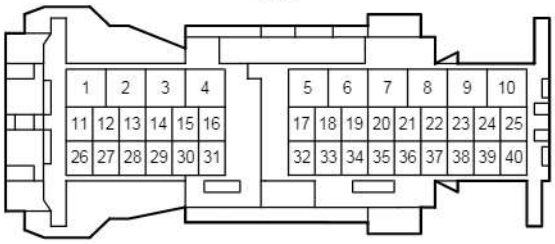
S 11
Black



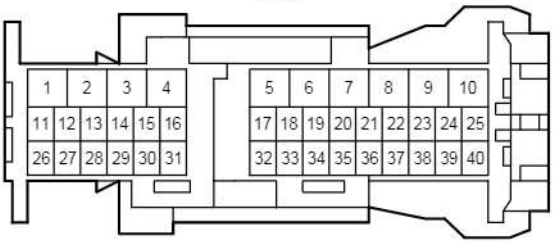
S 19
Black



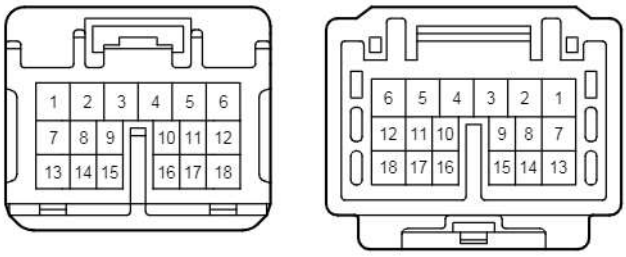
3B
White



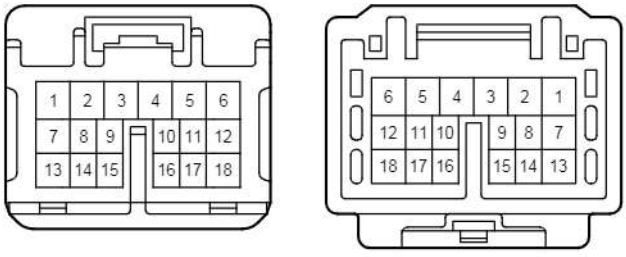
3D
White

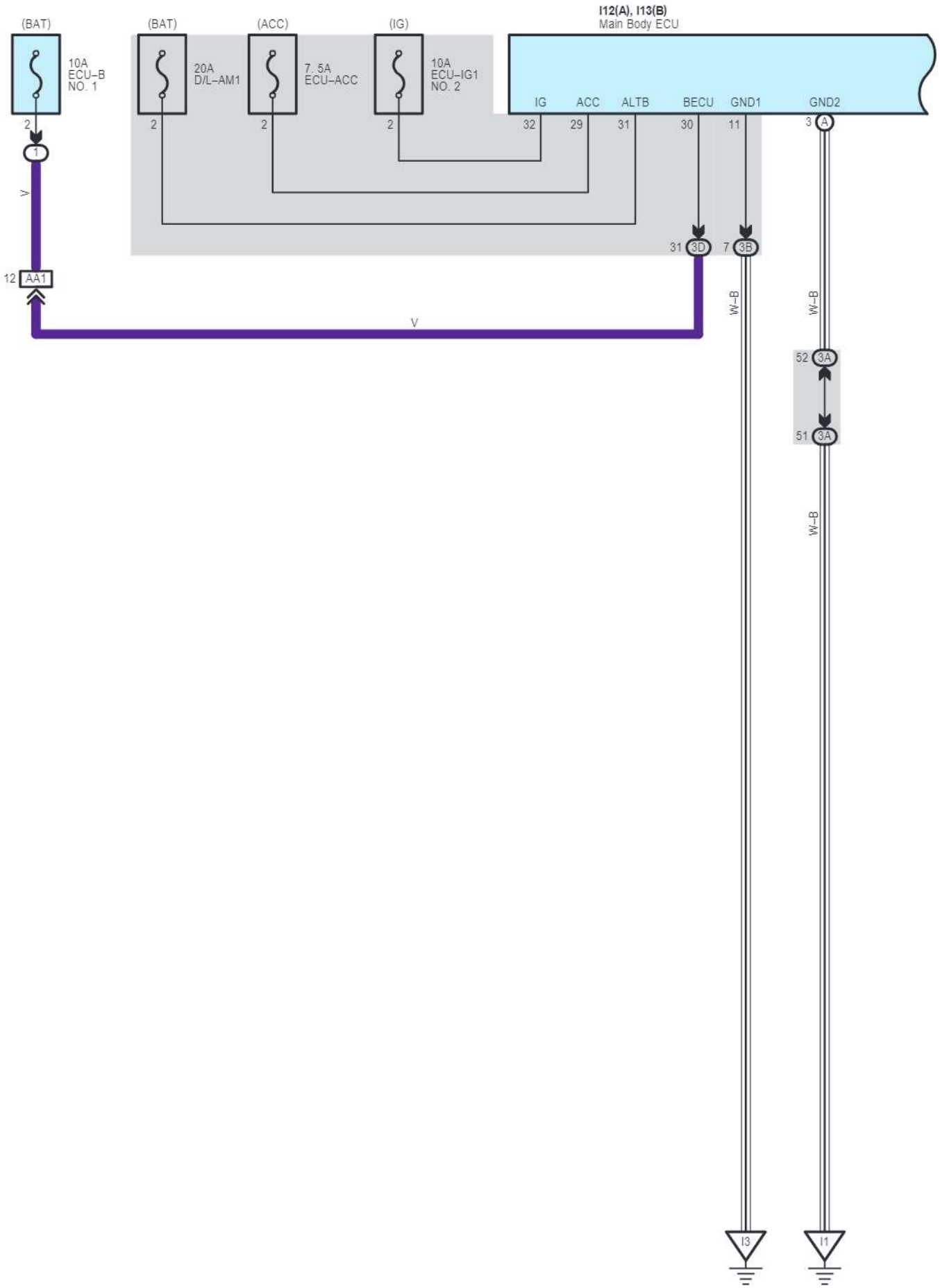


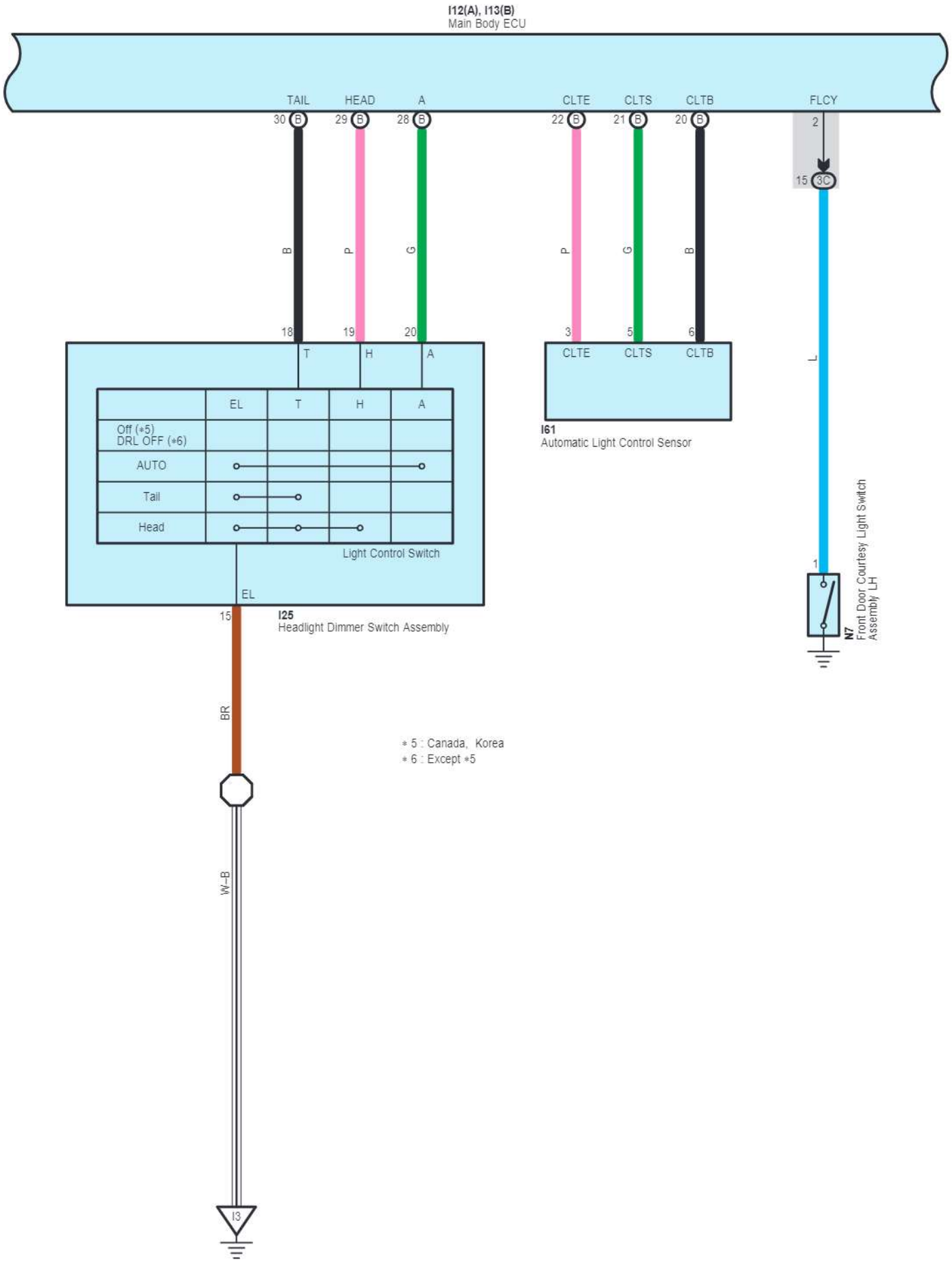
AA1
Blue

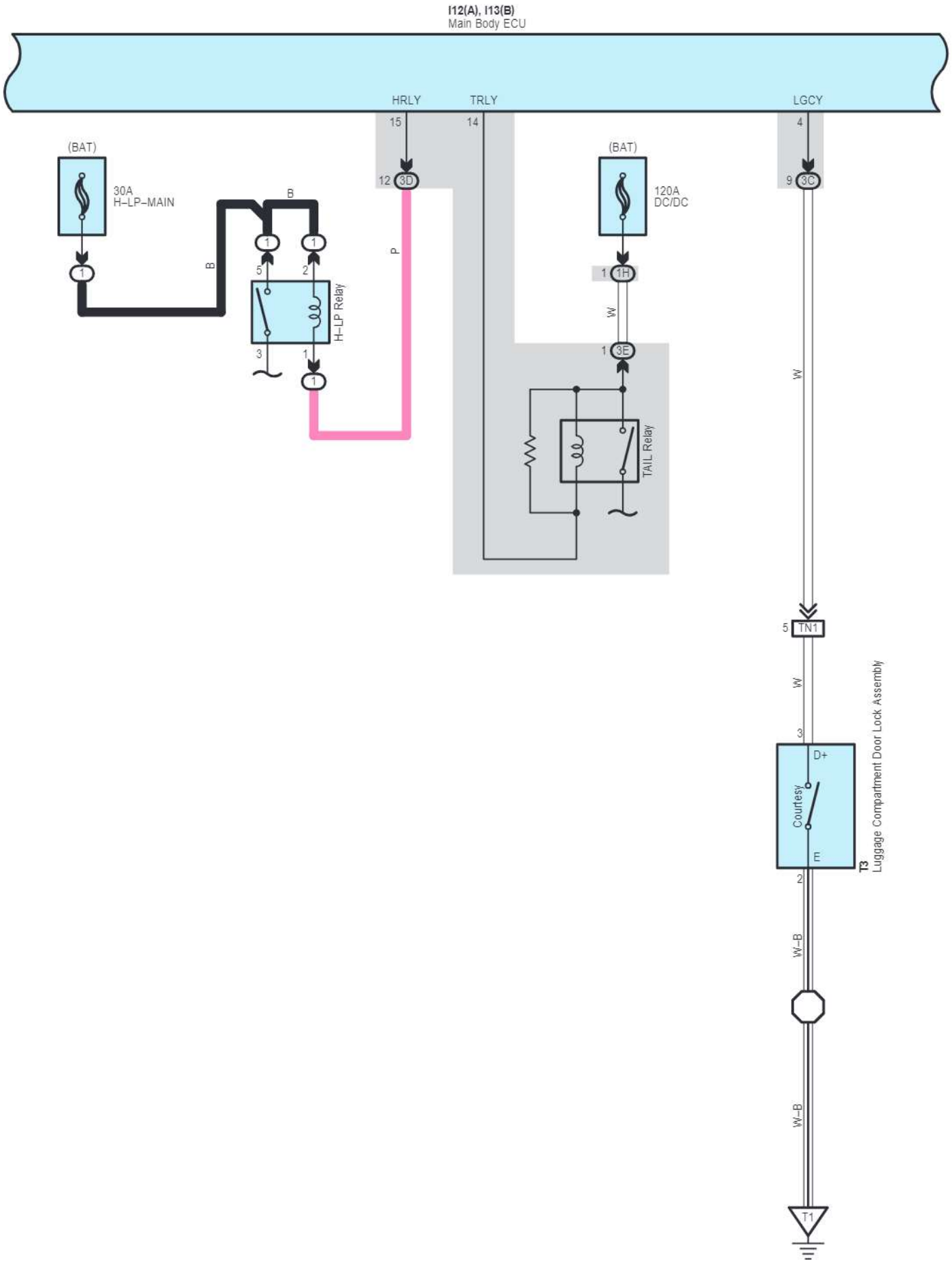


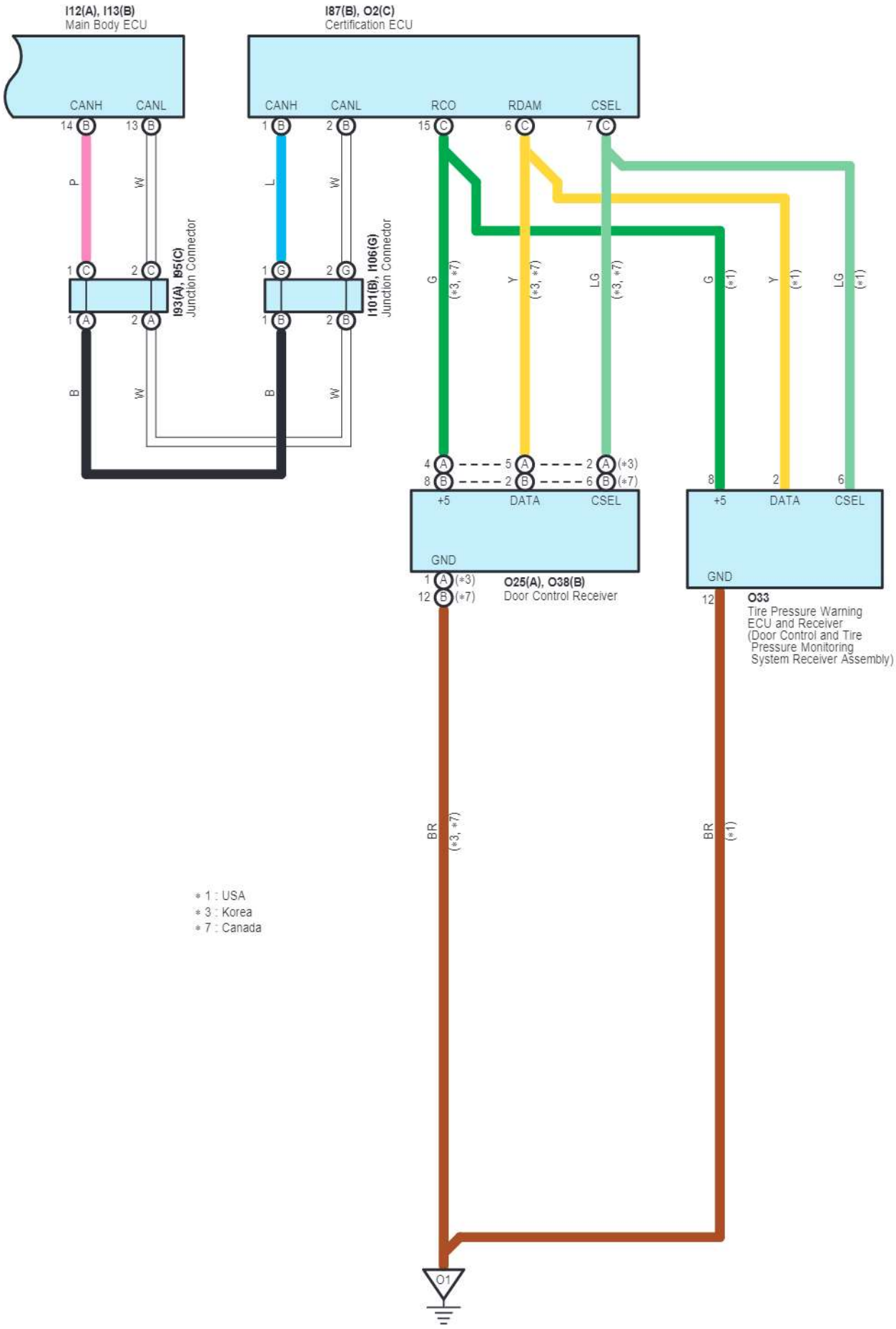
IS1
White



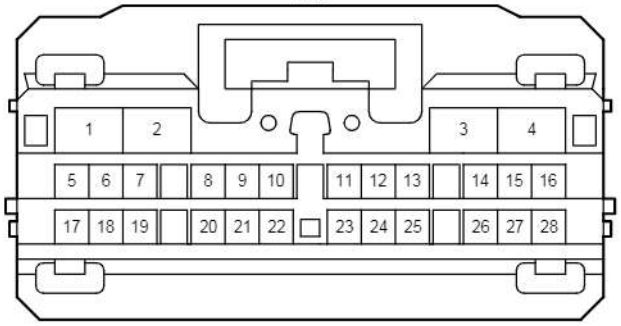

(BAT)
10A
ECU–B
NO. 1
2
1
V
12
AA1
(BAT)
20A
D/L–AM1
2
(ACC)
7. 5A
ECU–ACC
2
(IG)
10A
ECU–IG1
NO. 2
2
I12(A), I13(B)
Main Body ECU
IG
ACC
ALTB
BECU
GND1
GND2
32
29
31
30
11
3
A
31
3D
7
3B
V
W–B
W–B
52
3A
51
3A
W–B
I3
I1


I12(A), I13(B)
Main Body ECU
TAIL
HEAD
A
CLTE
CLTS
CLTB
FLCY
30 B
29 B
28 B
22 B
21 B
20 B
2
15 3C
B
P
G
P
G
B
L
18
19
20
3
5
6
T
H
A
CLTE
CLTS
CLTB
EL
T
H
A
Off (*5)
DRL OFF (*6)
AUTO
Tail
Head
Light Control Switch
EL
15
I25
Headlight Dimmer Switch Assembly
I61
Automatic Light Control Sensor
1
N7
Front Door Courtesy Light Switch Assembly LH
BR
W-B
I3
* 5 : Canada, Korea
* 6 : Except *5

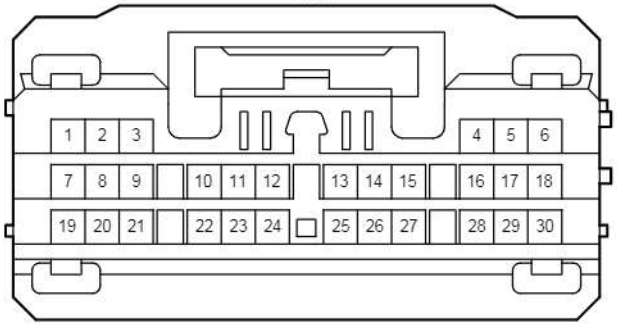

I12(A), I13(B)
Main Body ECU
HRLY
TRLY
LGCY
15
14
4
12 3D
9 3C
(BAT)
30A
H-LP-MAIN
B
1
5
2
3
H-LP Relay
P
(BAT)
120A
DC/DC
1 1H
W
1 3E
TAIL Relay
W
5 TN1
W
3
D+
Courtesy
E
T3
Luggage Compartment Door Lock Assembly
2
W-B
W-B
T1


I12(A), I13(B)
Main Body ECU
CANH
CANL
I87(B), O2(C)
Certification ECU
CANH
CANL
RCO
RDAM
CSEL
I93(A), I95(C)
Junction Connector
I101(B), I106(G)
Junction Connector
O25(A), O38(B)
Door Control Receiver
+5
DATA
CSEL
GND
O33
Tire Pressure Warning ECU and Receiver (Door Control and Tire Pressure Monitoring System Receiver Assembly)
+5
DATA
CSEL
GND
O1
* 1 : USA
* 3 : Korea
* 7 : Canada

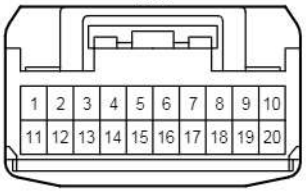
I 12
White



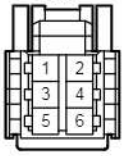
I 13
White



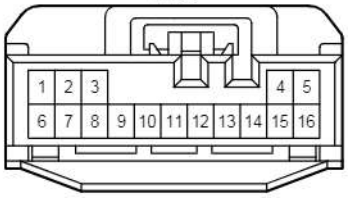
I 25
Black



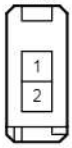
I 61
Blue



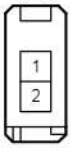
I 87
White



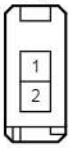
I 93
White



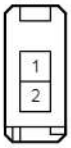
I 95
White



I101
White



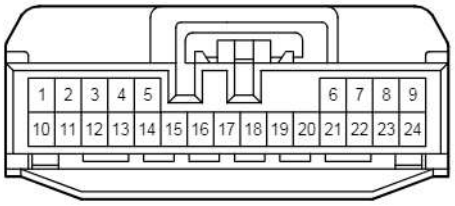
I106
White



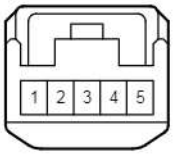
N 7
Black



O 2
White



O 25
White



O 33
White



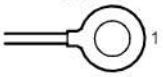
O 38
White



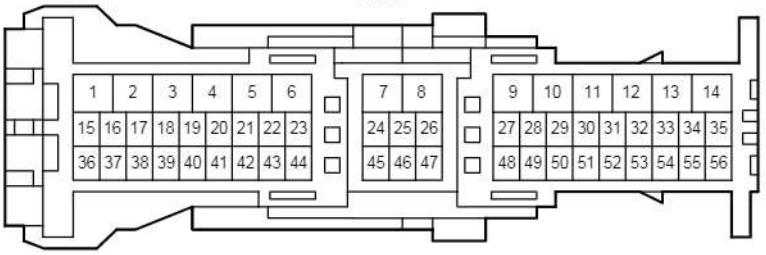
T 3
Black



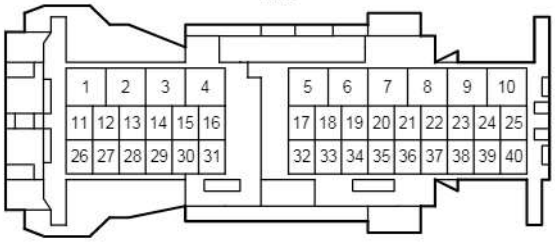
1H
White



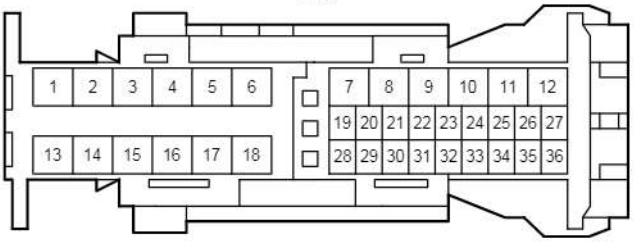
3A
White



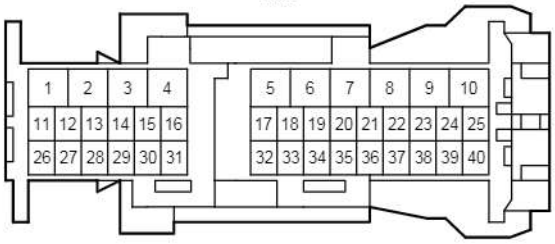
3B
White



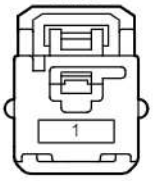
3C
White



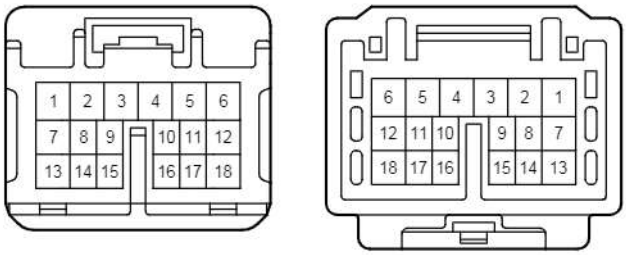
3D
White



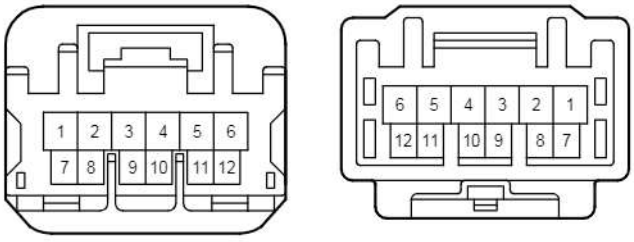
3E
White

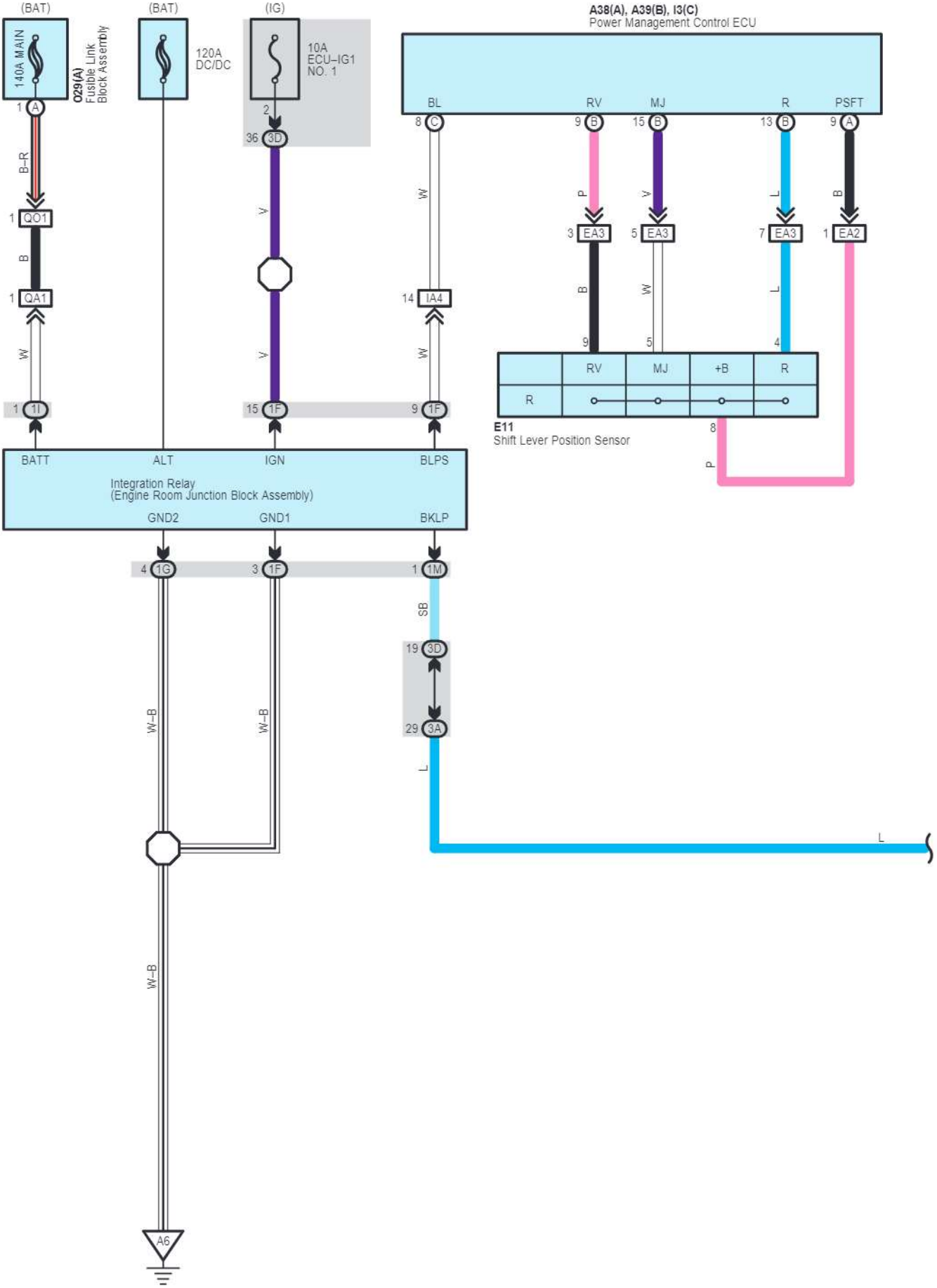


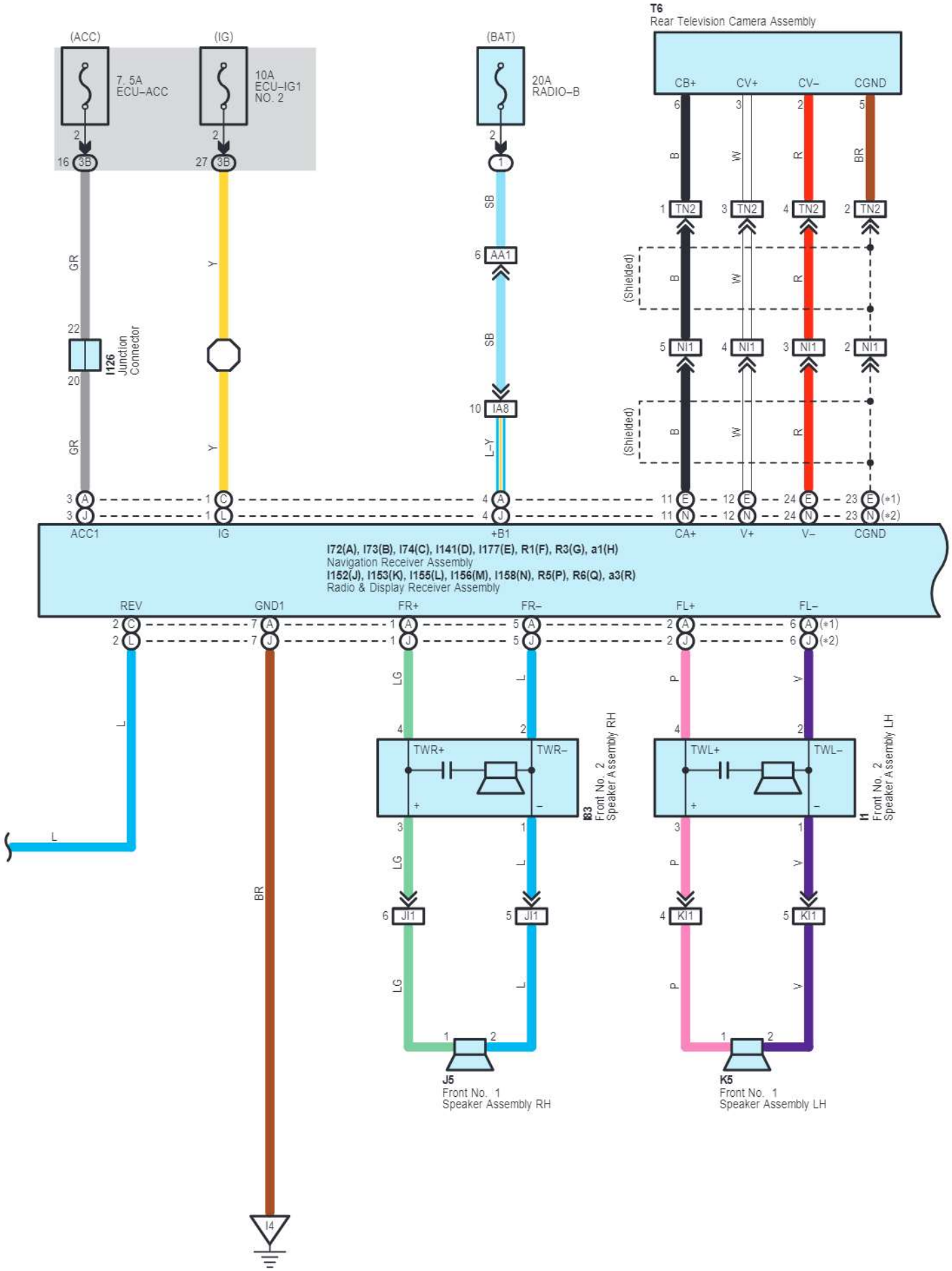
AA1
Blue



TN1
White

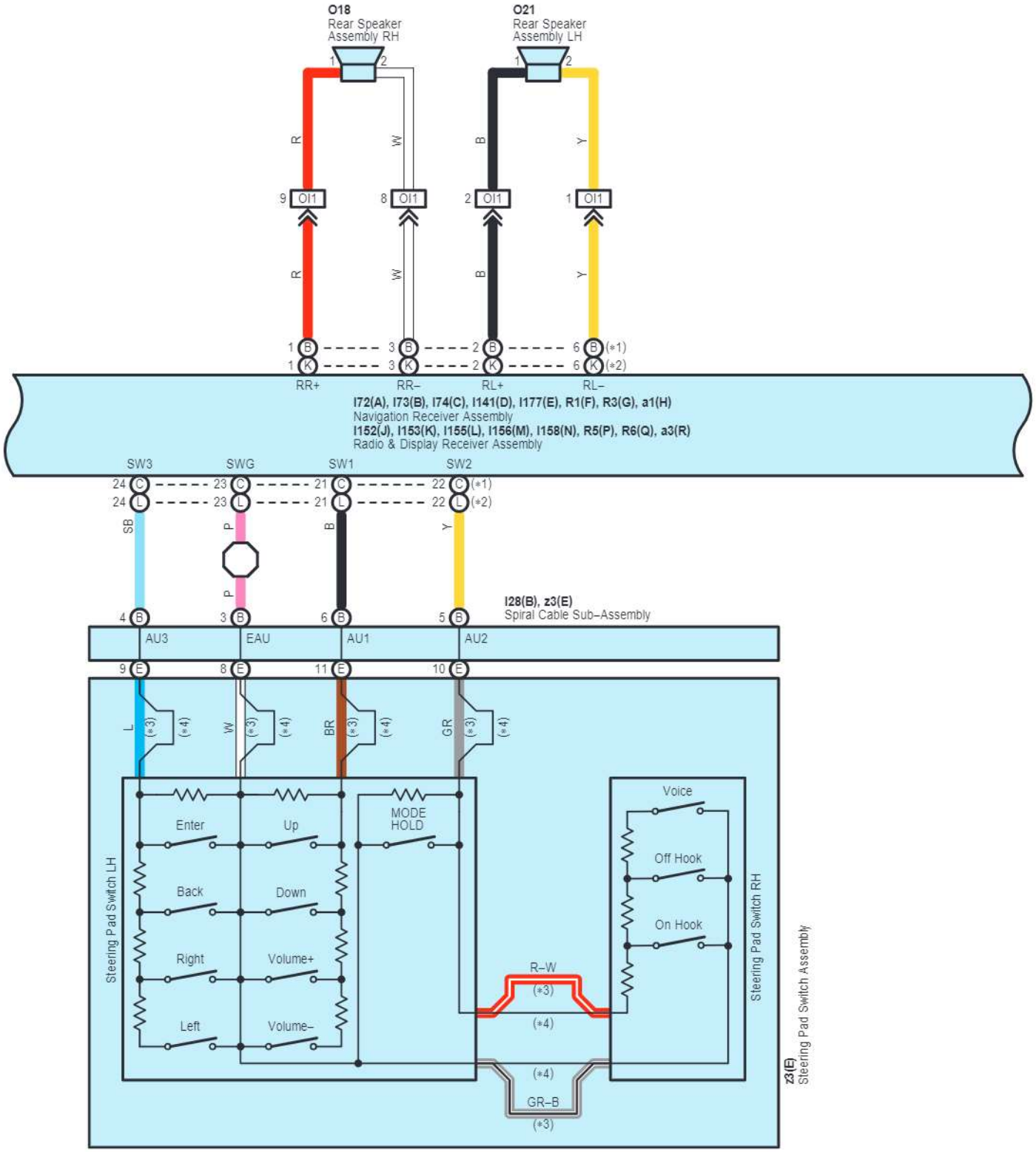


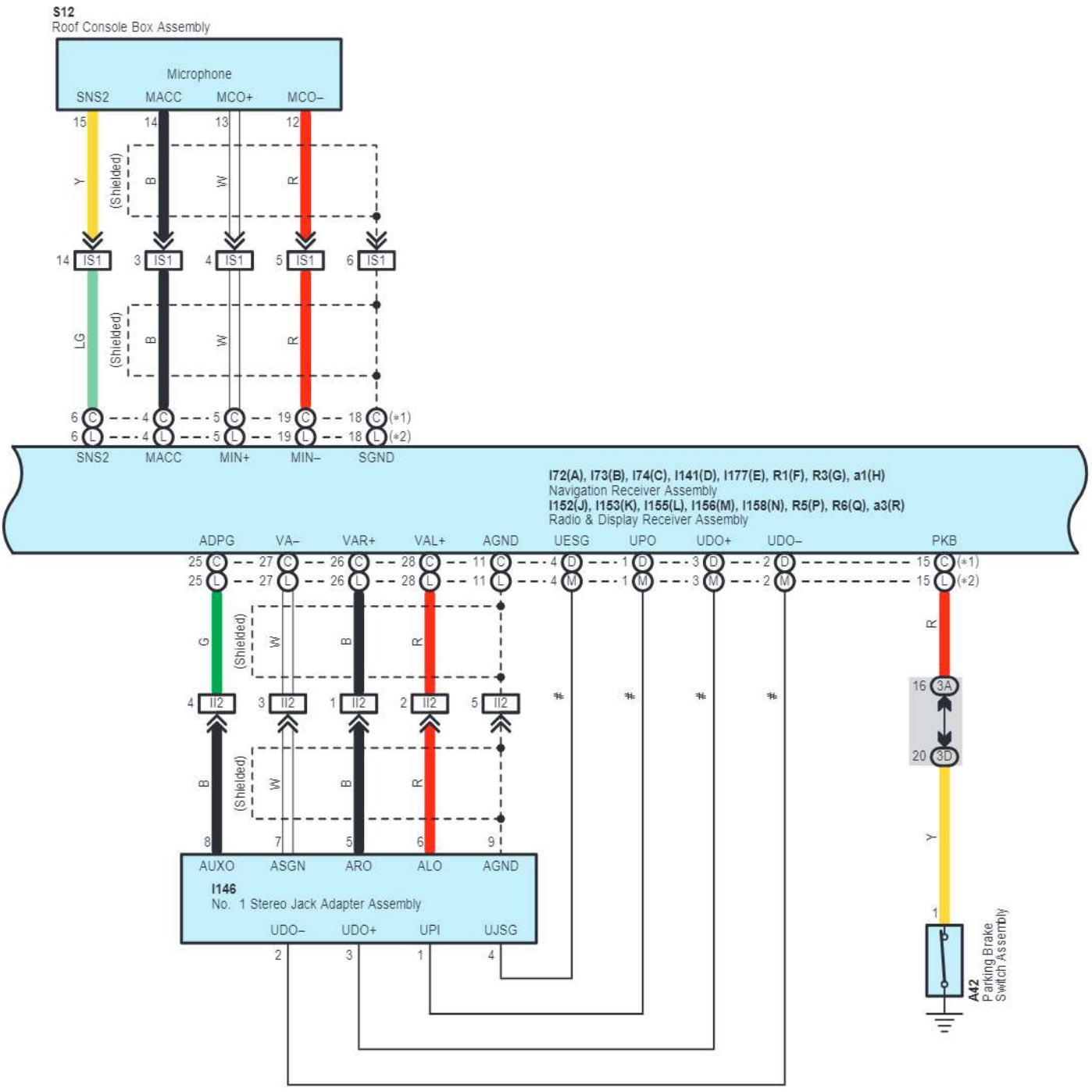

(BAT)
140A MAIN
O29(A)
Fusible Link Block Assembly
1 A
B-R
1 QO1
B
1 QA1
W
1 1I
(BAT)
120A DC/DC
(IG)
10A ECU-IG1 NO. 1
2
36 3D
V
15 1F
V
9 1F
A38(A), A39(B), I3(C)
Power Management Control ECU
BL
RV
MJ
R
PSFT
8 C
9 B
15 B
13 B
9 A
W
P
V
L
B
14 IA4
3 EA3
5 EA3
7 EA3
1 EA2
W
B
W
L
9
5
4
RV
MJ
+B
R
R
E11
Shift Lever Position Sensor
8
P
BATT
ALT
IGN
BLPS
Integration Relay
(Engine Room Junction Block Assembly)
GND2
GND1
BKLP
4 1G
3 1F
1 1M
SB
19 3D
29 3A
L
W-B
W-B
W-B
L
A6


(ACC)
(IG)
(BAT)
7. 5A
ECU–ACC
10A
ECU–IG1
NO. 2
20A
RADIO–B
T6
Rear Television Camera Assembly
CB+
CV+
CV–
CGND
TN2
NI1
(Shielded)
I126
Junction
Connector
IA8
AA1
ACC1
IG
+B1
CA+
V+
V–
CGND
(*1)
(*2)
I72(A), I73(B), I74(C), I141(D), I177(E), R1(F), R3(G), a1(H)
Navigation Receiver Assembly
I152(J), I153(K), I155(L), I156(M), I158(N), R5(P), R6(Q), a3(R)
Radio & Display Receiver Assembly
REV
GND1
FR+
FR–
FL+
FL–
TWR+
TWR–
TWL+
TWL–
I83
Front No. 2
Speaker Assembly RH
I1
Front No. 2
Speaker Assembly LH
JI1
KI1
J5
Front No. 1
Speaker Assembly RH
K5
Front No. 1
Speaker Assembly LH
I4

* 1 : w/ Navigation Receiver Assembly
* 2 : w/ Radio & Display Receiver Assembly
* 3 : w/ Dynamic Radar Cruise Control,
w/o Dynamic Radar Cruise Control Urethane Type Steering Wheel
* 4 : w/o Dynamic Radar Cruise Control Leather Type Steering Wheel

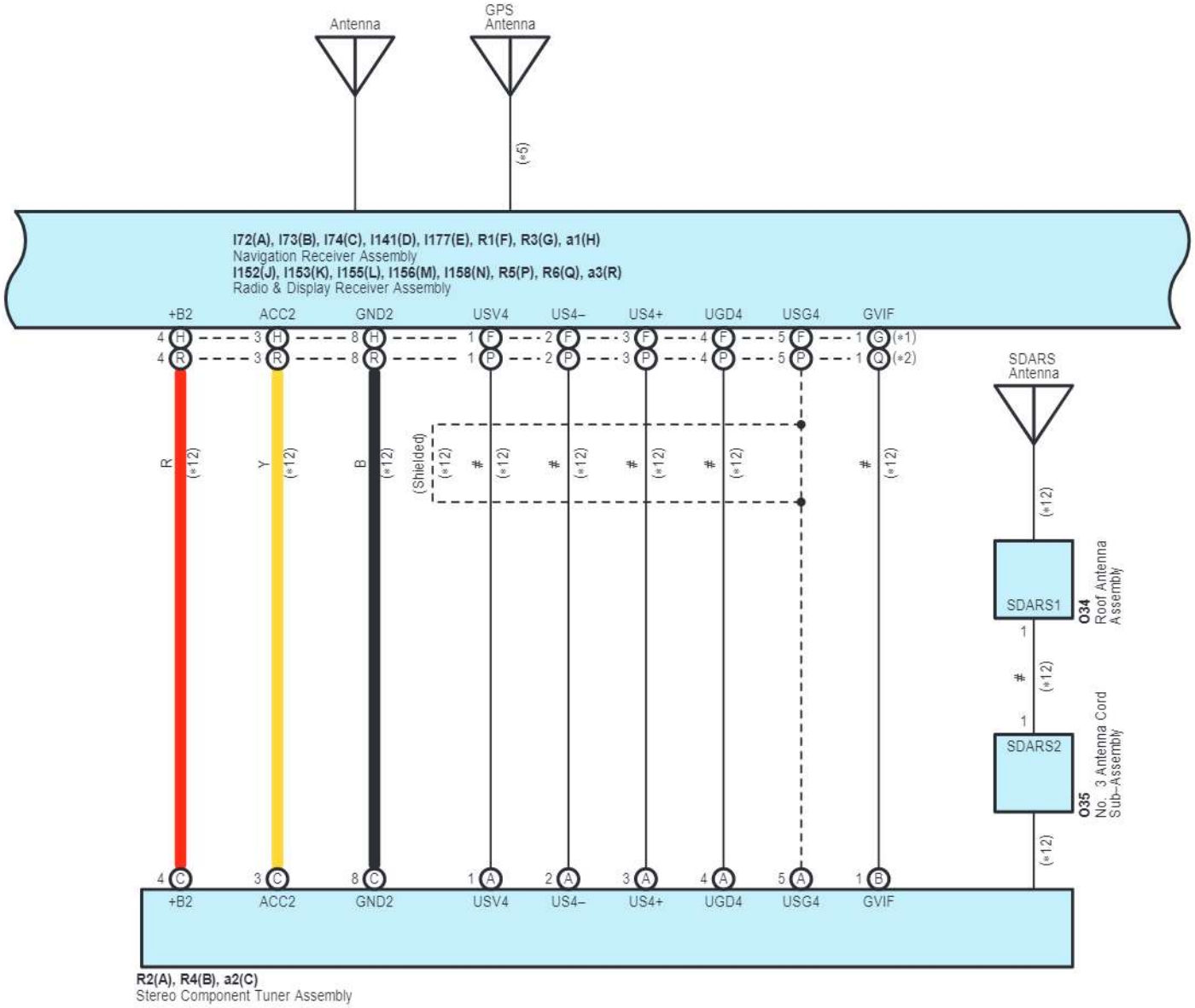
: There is no wire color information.

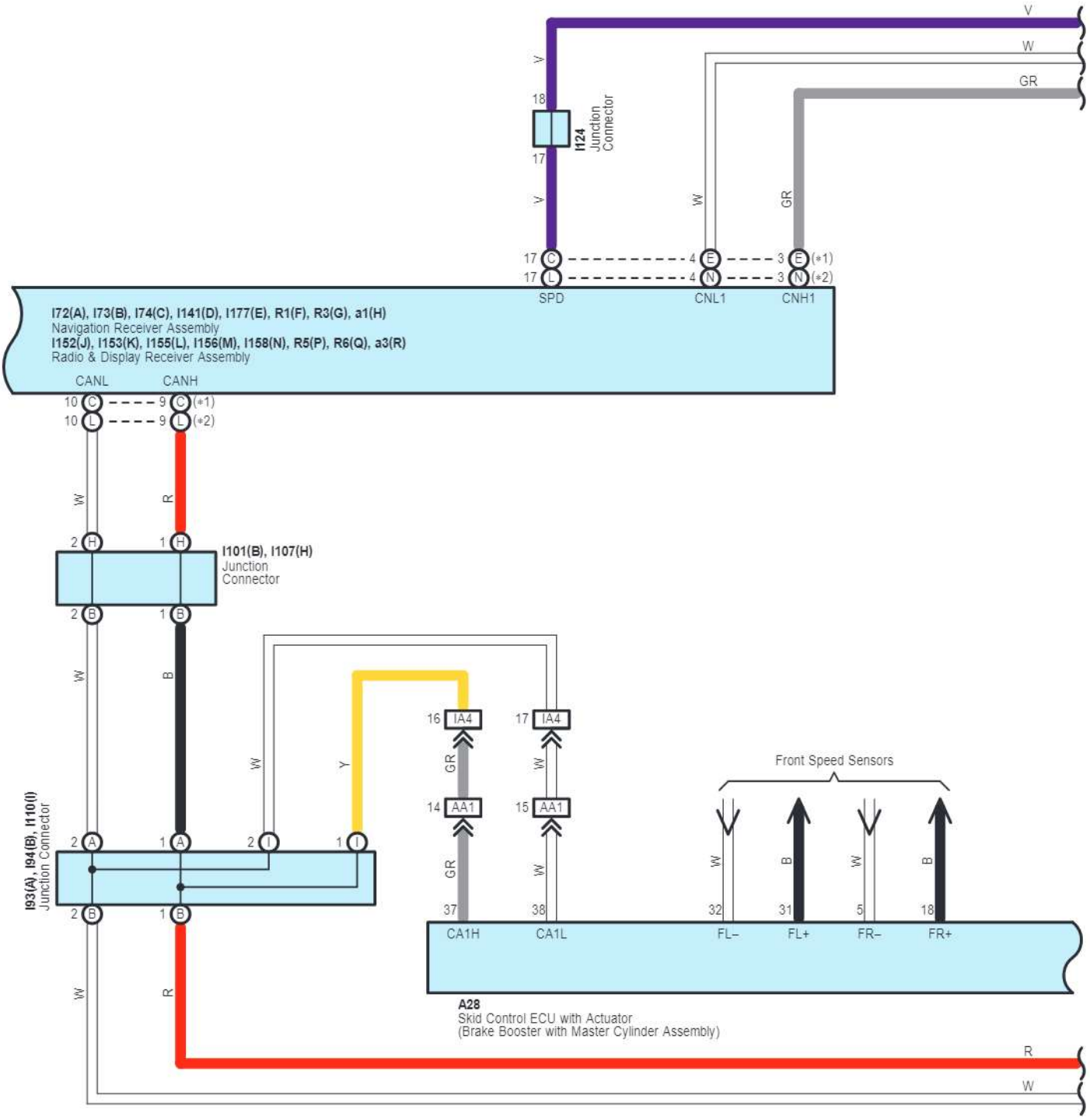


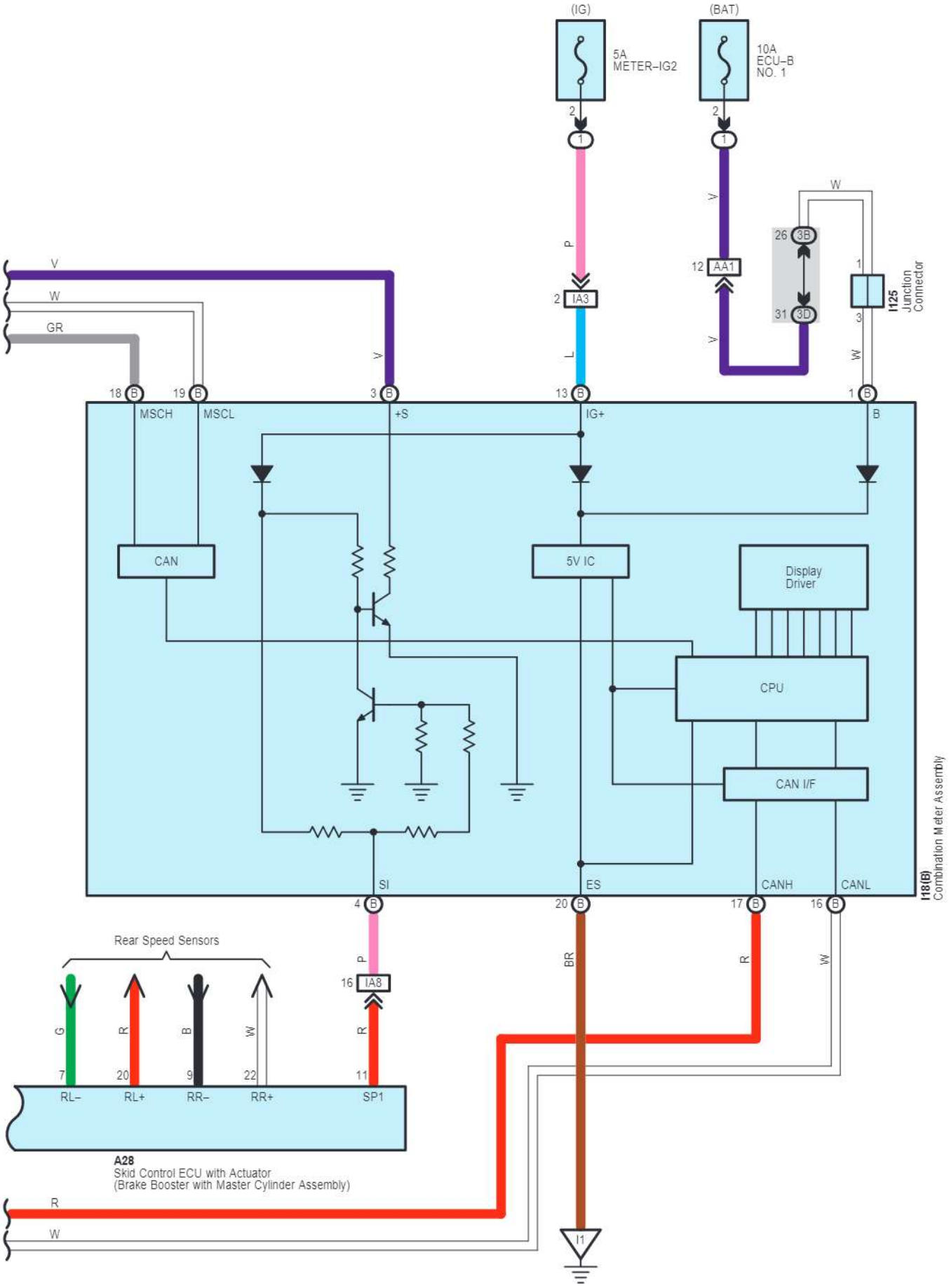

S12
Roof Console Box Assembly
Microphone
SNS2
MACC
MCO+
MCO–
15
14
13
12
Y
(Shielded)
B
W
R
14 IS1
3 IS1
4 IS1
5 IS1
6 IS1
LG
(Shielded)
B
W
R
6 C
6 L
4 C
4 L
5 C
5 L
19 C
19 L
18 C (*1)
18 L (*2)
SNS2
MACC
MIN+
MIN–
SGND
I72(A), I73(B), I74(C), I141(D), I177(E), R1(F), R3(G), a1(H)
Navigation Receiver Assembly
I152(J), I153(K), I155(L), I156(M), I158(N), R5(P), R6(Q), a3(R)
Radio & Display Receiver Assembly
ADPG
VA–
VAR+
VAL+
AGND
UESG
UPO
UDO+
UDO–
PKB
25 C
25 L
27 C
27 L
26 C
26 L
28 C
28 L
11 C
11 L
4 D
4 M
1 D
1 M
3 D
3 M
2 D
2 M
15 C (*1)
15 L (*2)
G
(Shielded)
W
B
R
4 II2
3 II2
1 II2
2 II2
5 II2
B
(Shielded)
W
B
R
8
7
5
6
9
AUXO
ASGN
ARO
ALO
AGND
I146
No. 1 Stereo Jack Adapter Assembly
UDO–
UDO+
UPI
UJSG
2
3
1
4
R
16 3A
20 3D
Y
1
A42
Parking Brake
Switch Assembly

* 1 : w/ Navigation Receiver Assembly
* 2 : w/ Radio & Display Receiver Assembly
* 5 : w/ GPS Antenna
*12 : w/ SDARS

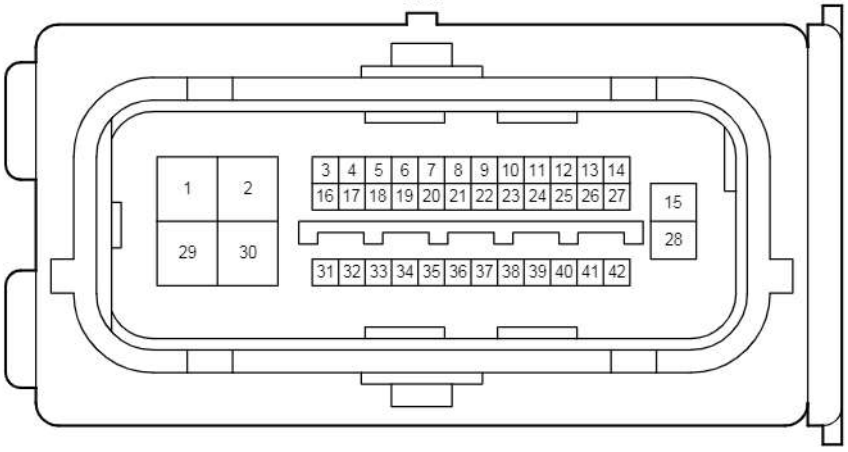
: There is no wire color information.



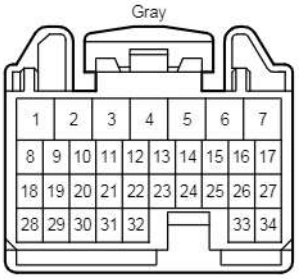

V
W
GR
V
18
I124
Junction
Connector
17
V
W
GR
17 C
17 L
4 E
4 N
3 E (*1)
3 N (*2)
SPD
CNL1
CNH1
I72(A), I73(B), I74(C), I141(D), I177(E), R1(F), R3(G), a1(H)
Navigation Receiver Assembly
I152(J), I153(K), I155(L), I156(M), I158(N), R5(P), R6(Q), a3(R)
Radio & Display Receiver Assembly
CANL
CANH
10 C
10 L
9 C (*1)
9 L (*2)
W
R
2 H
1 H
I101(B), I107(H)
Junction
Connector
2 B
1 B
W
B
W
Y
16 IA4
17 IA4
GR
W
14 AA1
15 AA1
GR
W
I93(A), I94(B), I110(I)
Junction Connector
2 A
1 A
2 I
1 I
2 B
1 B
37
38
CA1H
CA1L
Front Speed Sensors
W
B
W
B
32
31
5
18
FL–
FL+
FR–
FR+
A28
Skid Control ECU with Actuator
(Brake Booster with Master Cylinder Assembly)
W
R
R
W


(IG)
5A
METER-IG2
(BAT)
10A
ECU-B
NO. 1
2
1
P
2 IA3
L
V
12 AA1
W
26 3B
31 3D
1
3
W
I125
Junction
Connector
V
W
GR
18 B
19 B
3 B
13 B
1 B
MSCH
MSCL
+S
IG+
B
CAN
5V IC
Display
Driver
CPU
CAN I/F
SI
ES
CANH
CANL
4 B
20 B
17 B
16 B
I18(B)
Combination Meter Assembly
Rear Speed Sensors
G
R
B
W
16 IA8
BR
R
W
7
20
9
22
11
RL-
RL+
RR-
RR+
SP1
A28
Skid Control ECU with Actuator
(Brake Booster with Master Cylinder Assembly)
R
W
I1

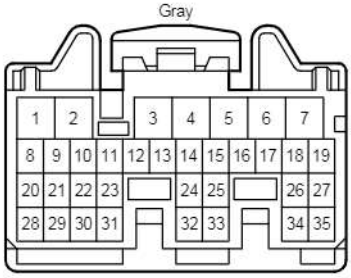
A 28
Black



A 38
Gray



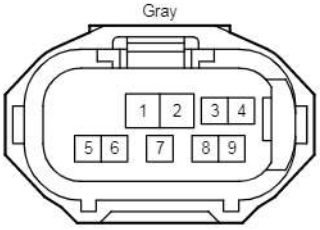
A 39
Gray



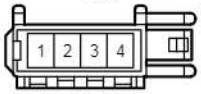
A 42
Black



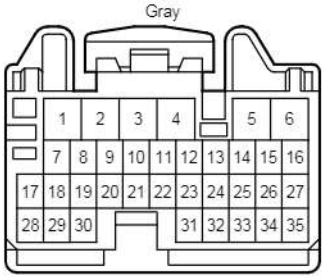
E 11
Gray



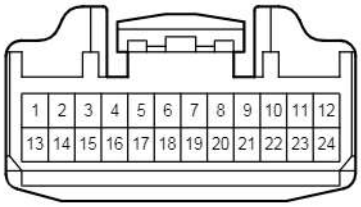
I 1
White



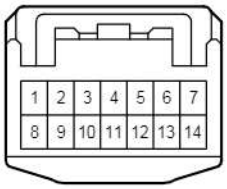
I 3
Gray



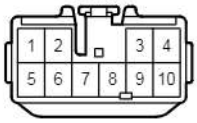
I 18
Black



I 28
Black



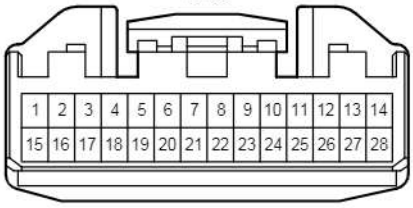
I 72
White



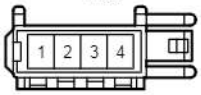
I 73
White



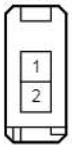
I 74
White



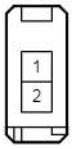
I 83
White



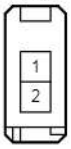
I 93
White



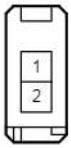
I 94
White



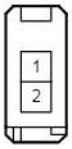
I101
White



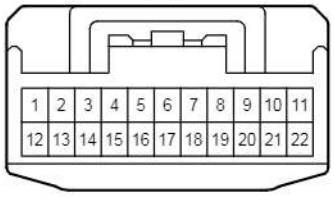
I107
White



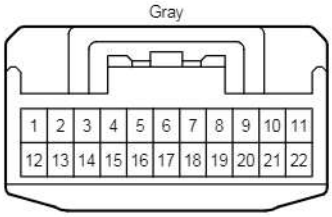
I110
White



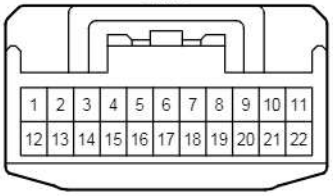
I124
White



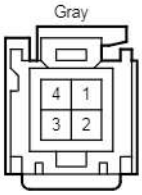
I125
Gray



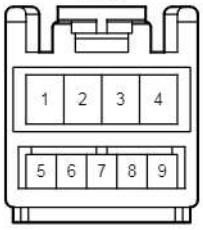
I126
White



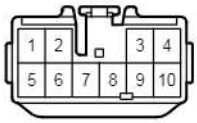
I141
Gray



I146
Black



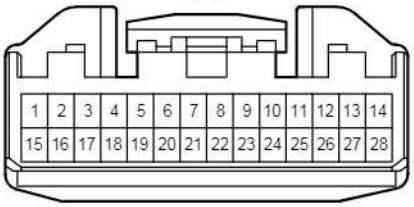
I152
White



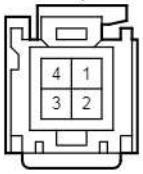
I153
White



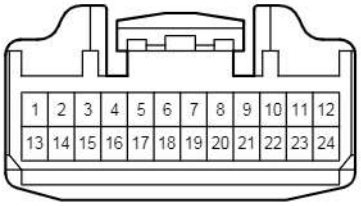
I155
White



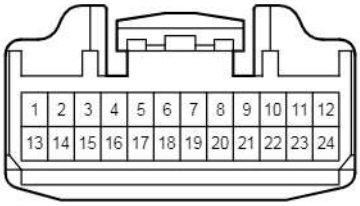
I156
Gray



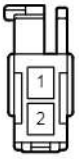
I158
White



I177
White



J 5
Black



K 5
Black



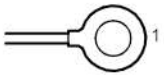
O 18
Black



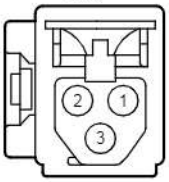
O 21
Black



O 29



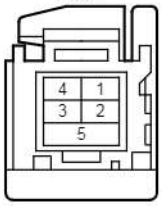
O 34
Blue



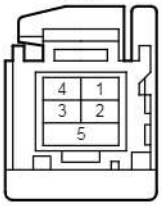
O 35
Gray



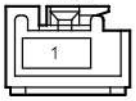
R 1
Brown



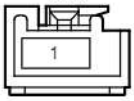
R 2
Brown



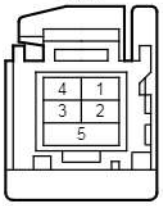
R 3
White



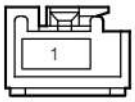
R 4
White



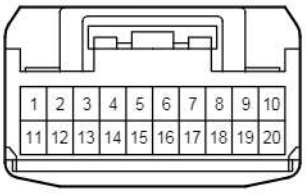
R 5
Brown



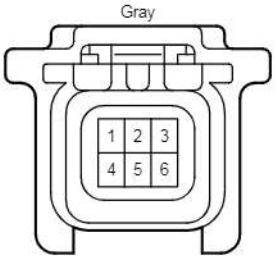
R 6
White



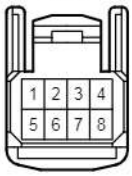
S 12
Black



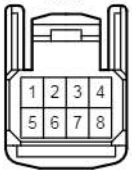
T 6
Gray



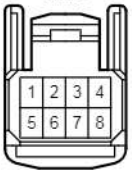
a 1
White



a 2
White



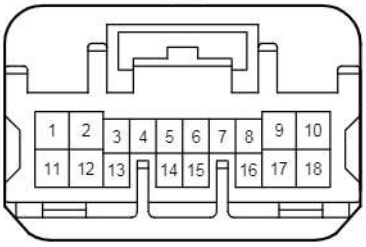
a 3
White



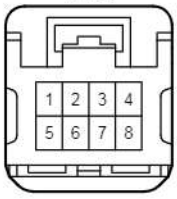
z 3
Black



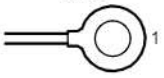
1F
White



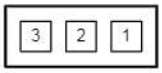
1G
White



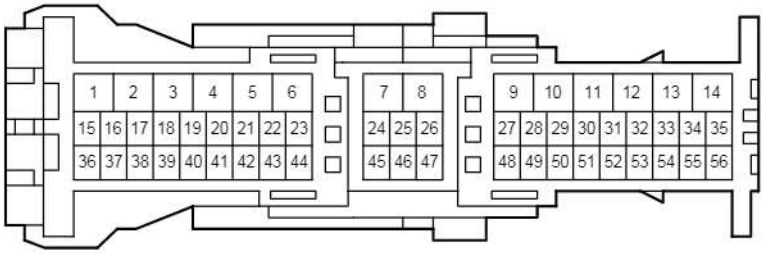
1I
White



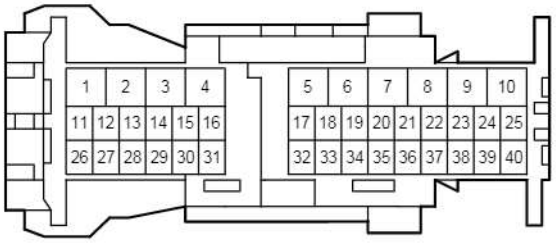
1M



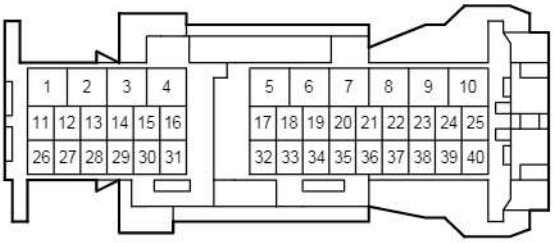
3A
White



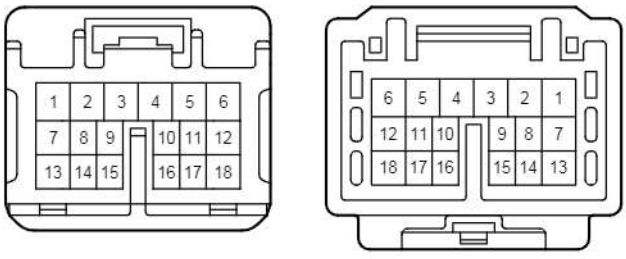
3B
White



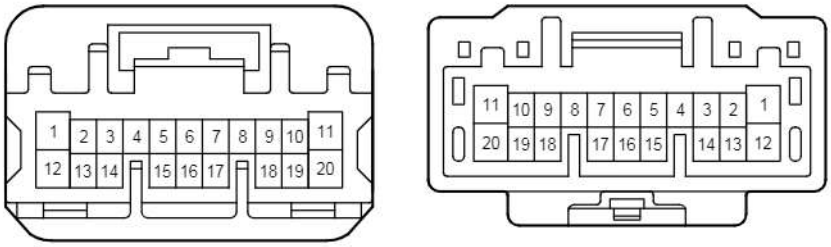
3D
White



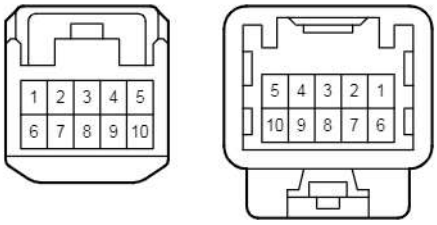
AA1
Blue



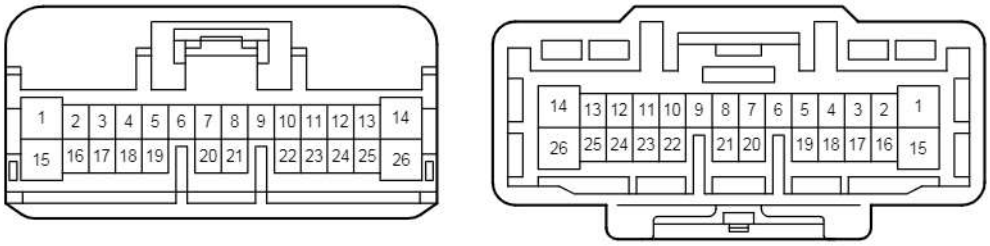
EA2
White



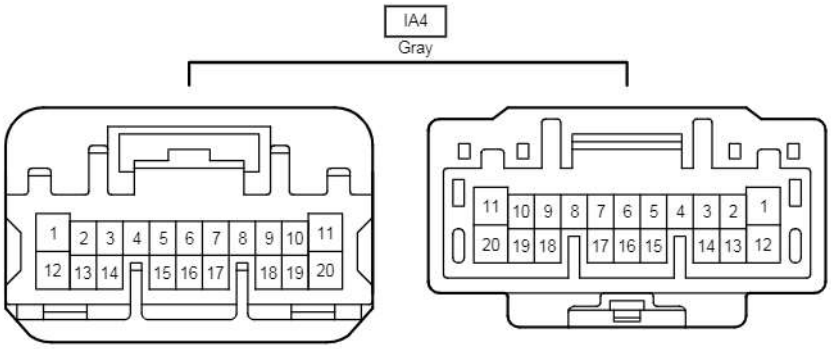
EA3
White



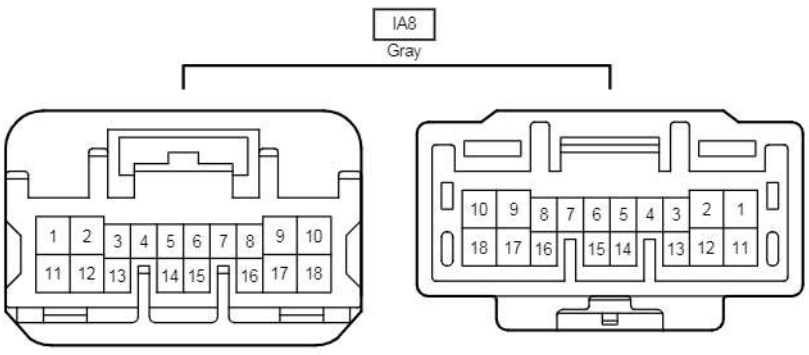
IA3
Blue



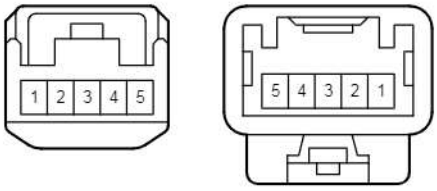
IA4
Gray



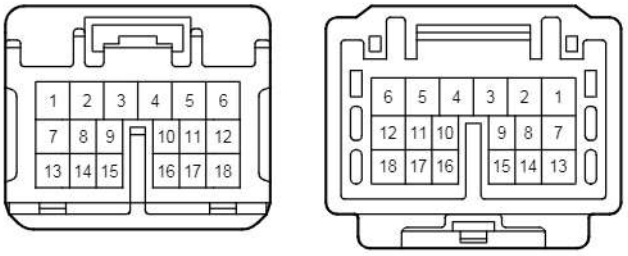
IA8
Gray



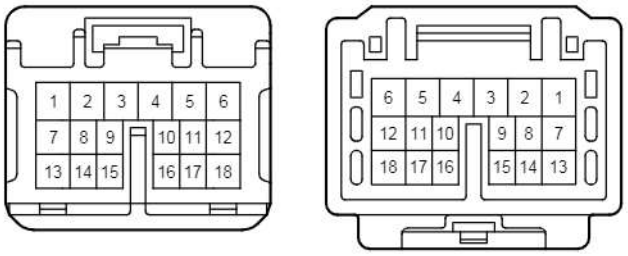
II2
White



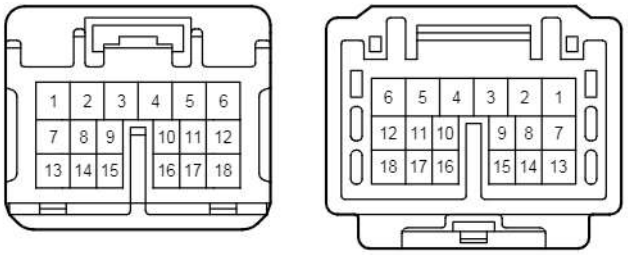
IS1
White



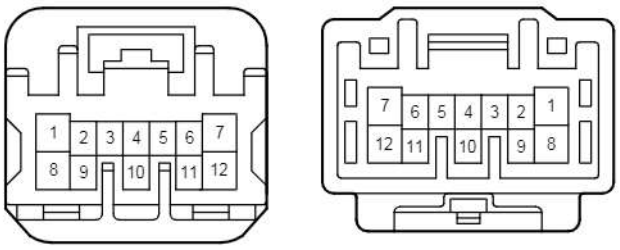
JI1
Gray

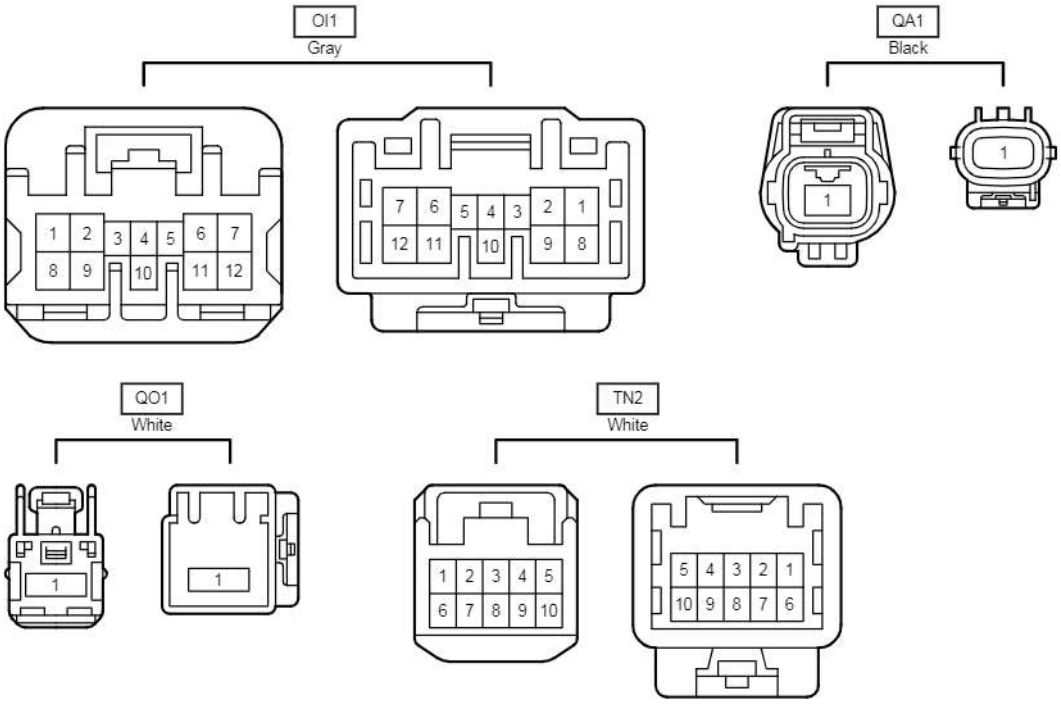


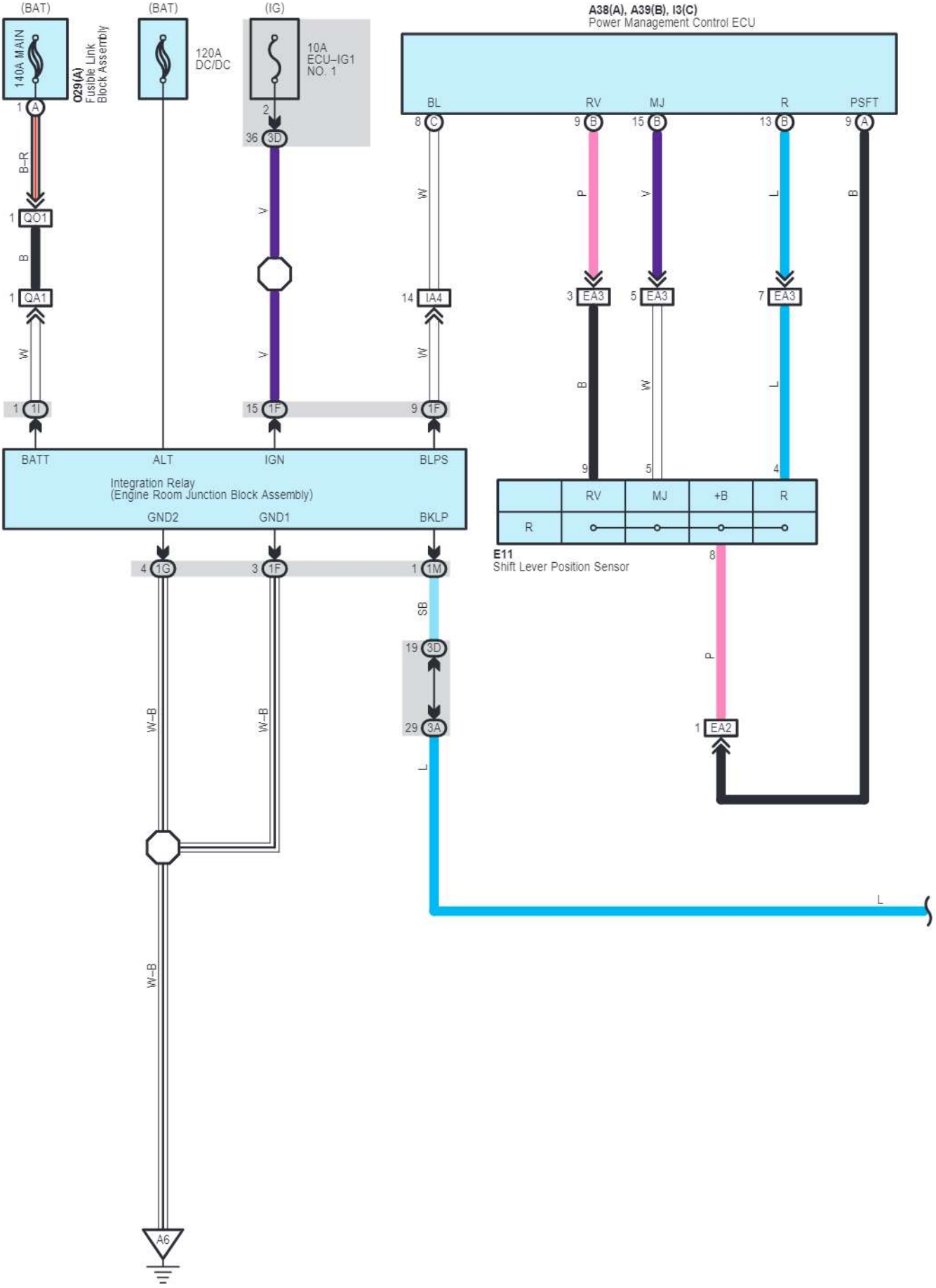
KI1
White

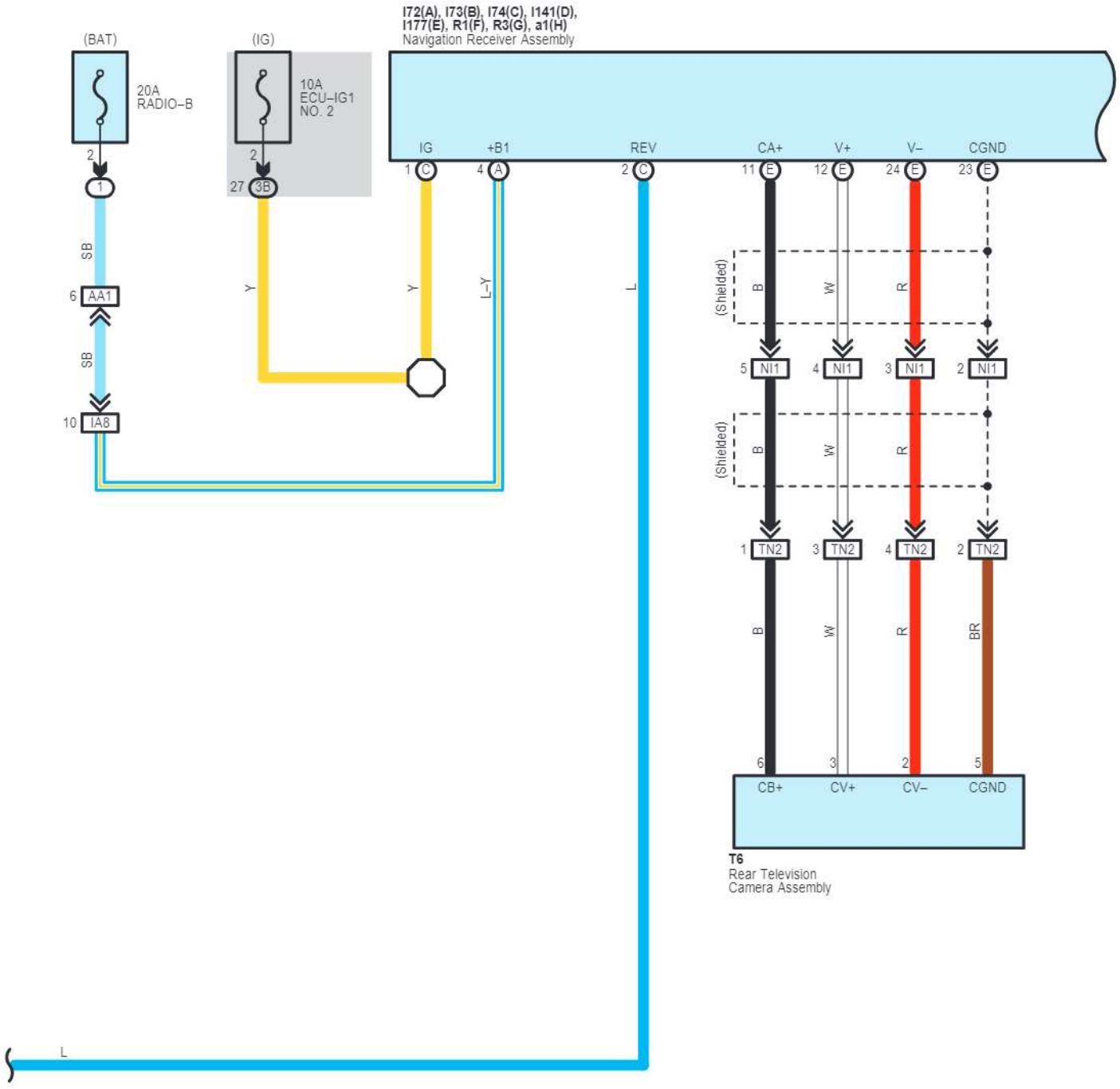


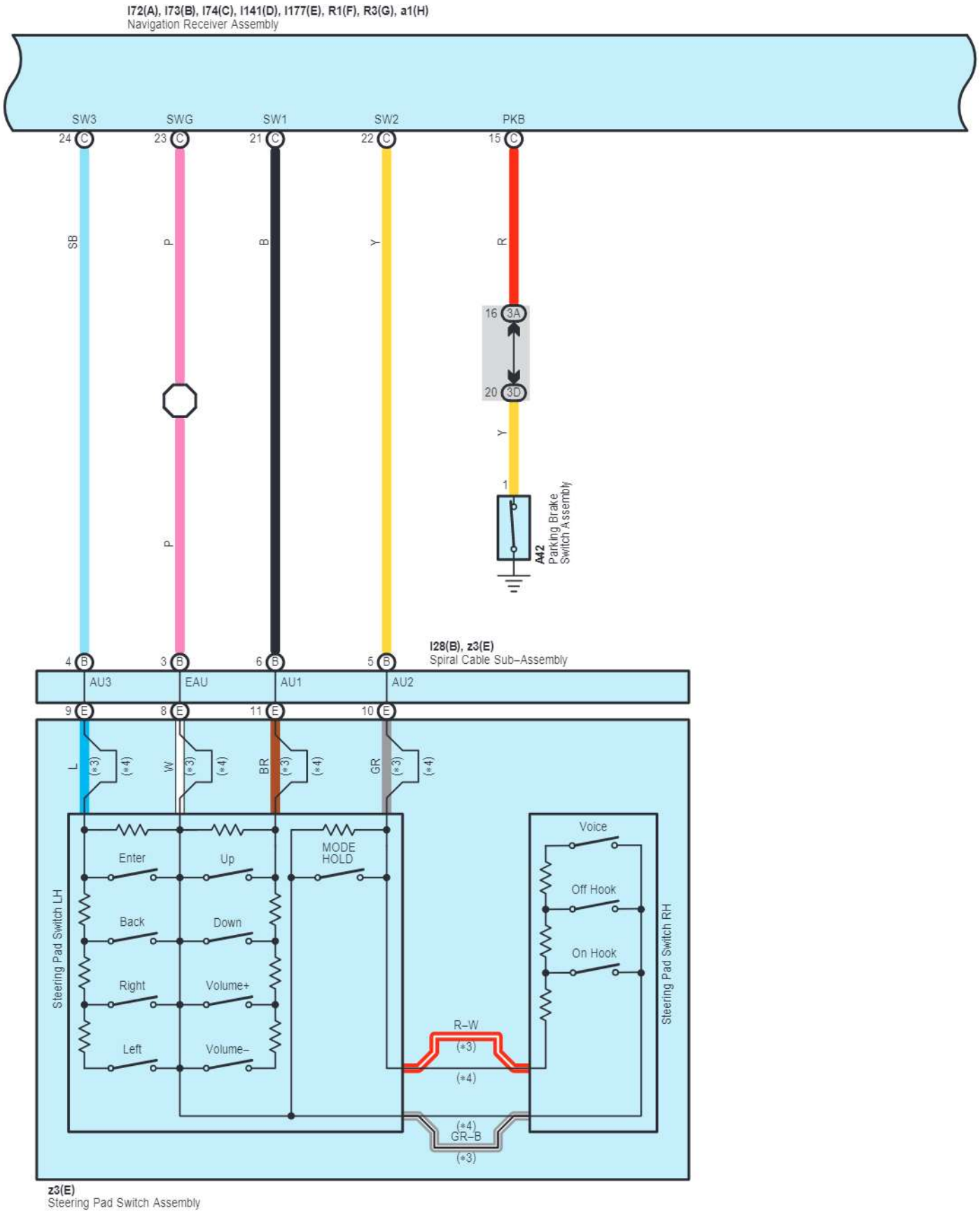
NI1
White

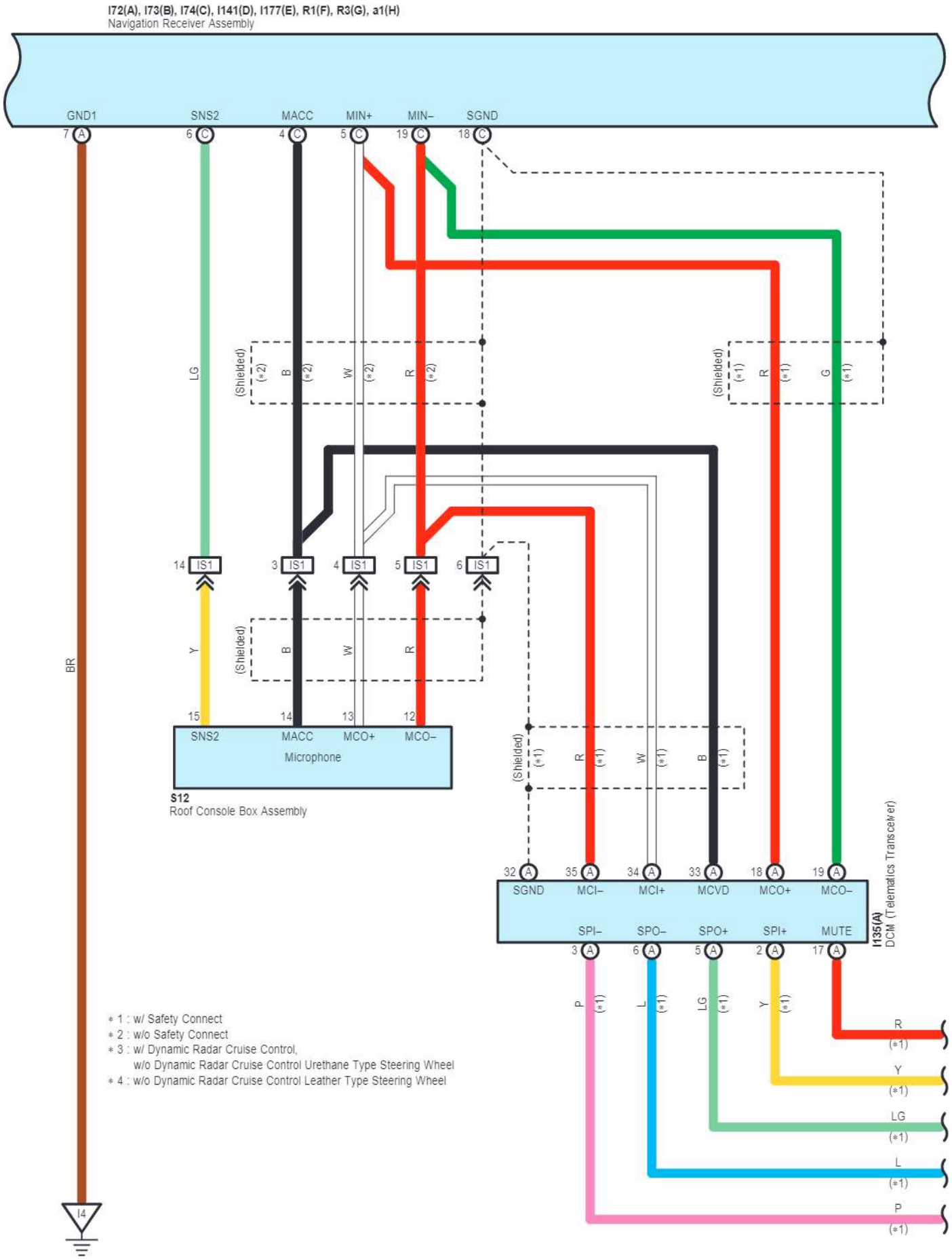


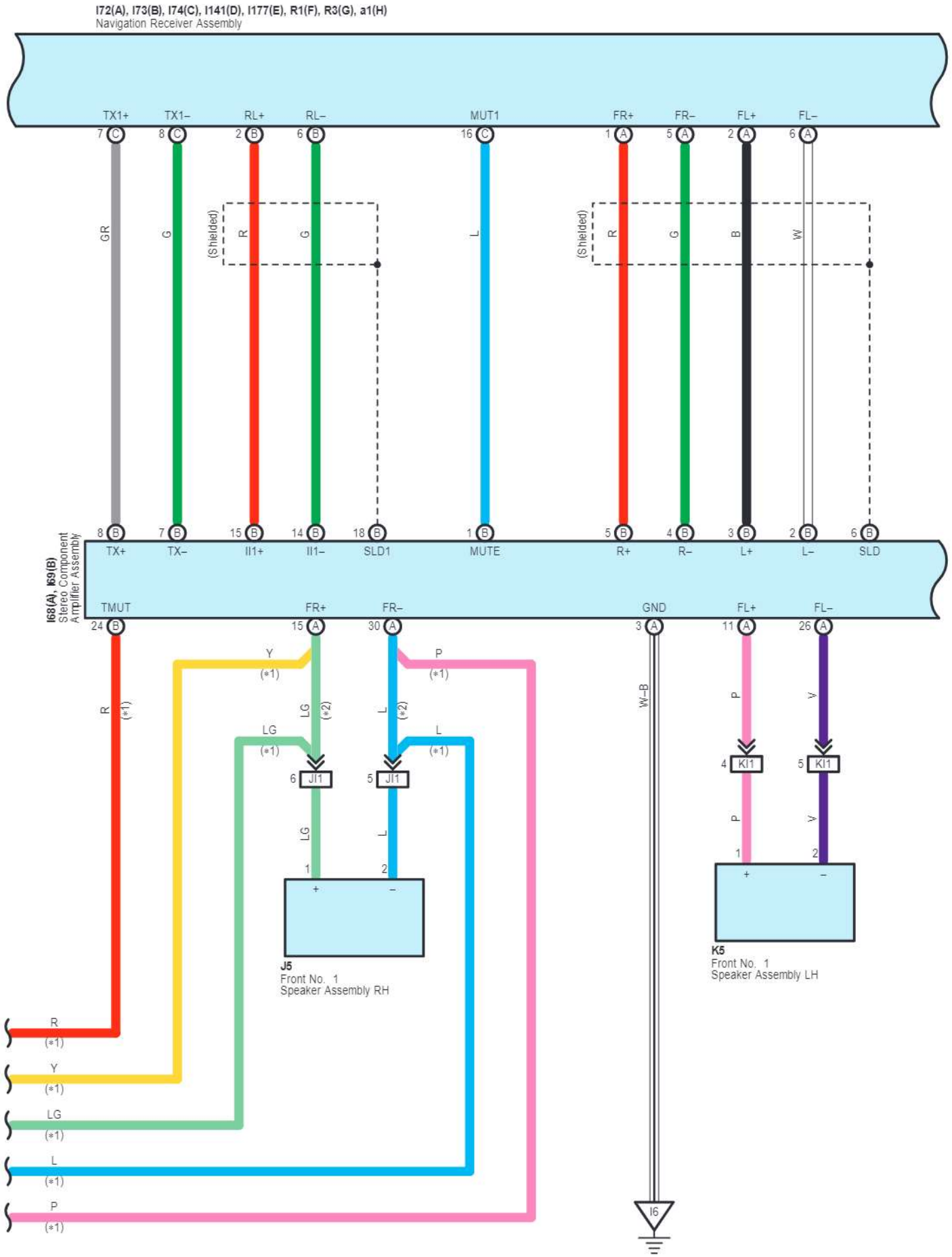

OI1
Gray
1 2 3 4 5 6 7
8 9 10 11 12
7 6 5 4 3 2 1
12 11 10 9 8
QA1
Black
1
1
QO1
White
1
1
TN2
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

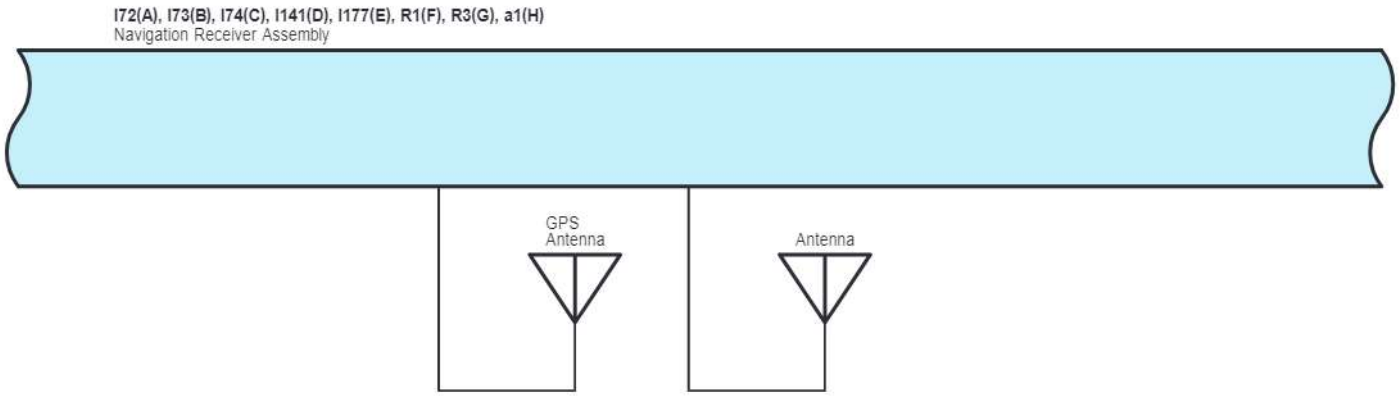

(BAT)
140A MAIN
O29(A)
Fusible Link Block Assembly
(BAT)
120A DC/DC
(IG)
10A ECU-IG1 NO. 1
A38(A), A39(B), I3(C)
Power Management Control ECU
BL
RV
MJ
R
PSFT
QO1
QA1
IA4
EA3
EA2
BATT
ALT
IGN
BLPS
Integration Relay
(Engine Room Junction Block Assembly)
GND2
GND1
BKLP
E11
Shift Lever Position Sensor
+B
A6

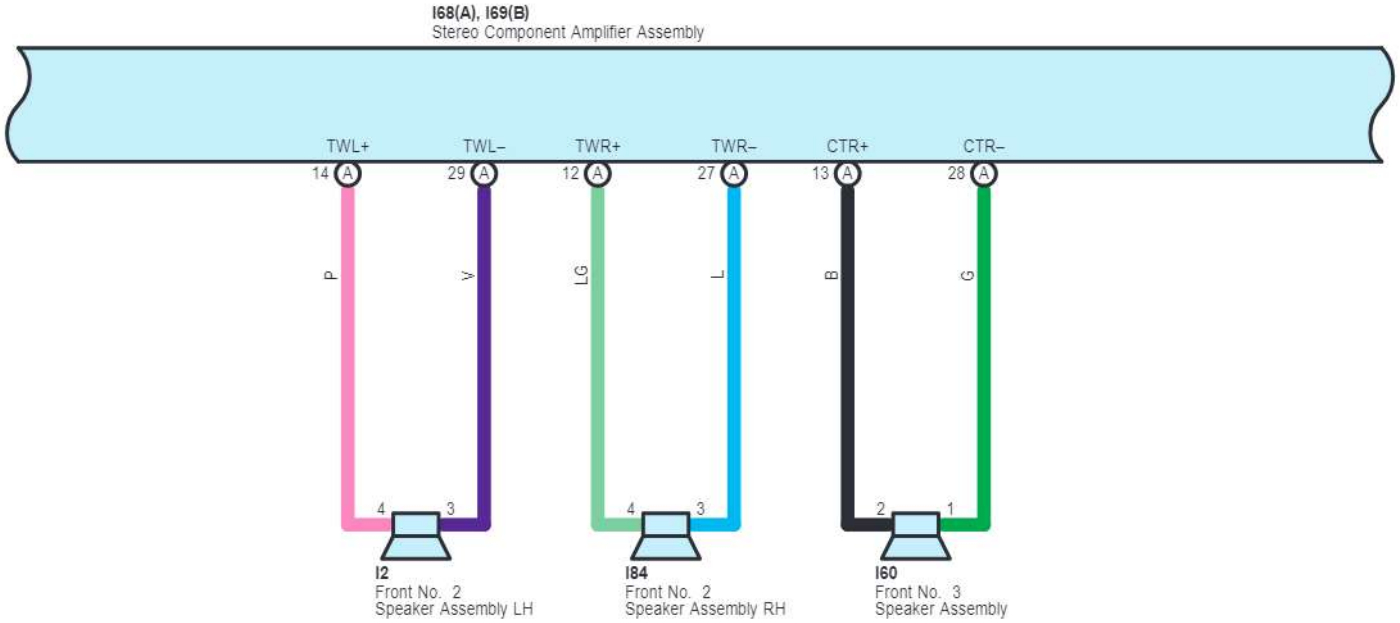

I72(A), I73(B), I74(C), I141(D),
I177(E), R1(F), R3(G), a1(H)
Navigation Receiver Assembly
(BAT)
(IG)
20A
RADIO–B
10A
ECU–IG1
NO. 2
IG
+B1
REV
CA+
V+
V–
CGND
SB
SB
Y
Y
L–Y
L
(Shielded)
(Shielded)
B
W
R
BR
AA1
IA8
NI1
TN2
CB+
CV+
CV–
CGND
T6
Rear Television
Camera Assembly


I72(A), I73(B), I74(C), I141(D), I177(E), R1(F), R3(G), a1(H)
Navigation Receiver Assembly
SW3
SWG
SW1
SW2
PKB
24 C
23 C
21 C
22 C
15 C
SB
P
B
Y
R
16 3A
20 3D
Y
1
A42
Parking Brake Switch Assembly
P
4 B
3 B
6 B
5 B
I28(B), z3(E)
Spiral Cable Sub–Assembly
AU3
EAU
AU1
AU2
9 E
8 E
11 E
10 E
L
W
BR
GR
(*3)
(*4)
Enter
Up
MODE HOLD
Back
Down
Right
Volume+
Left
Volume–
Steering Pad Switch LH
Voice
Off Hook
On Hook
Steering Pad Switch RH
R–W
(*3)
(*4)
(*4)
GR–B
(*3)
z3(E)
Steering Pad Switch Assembly

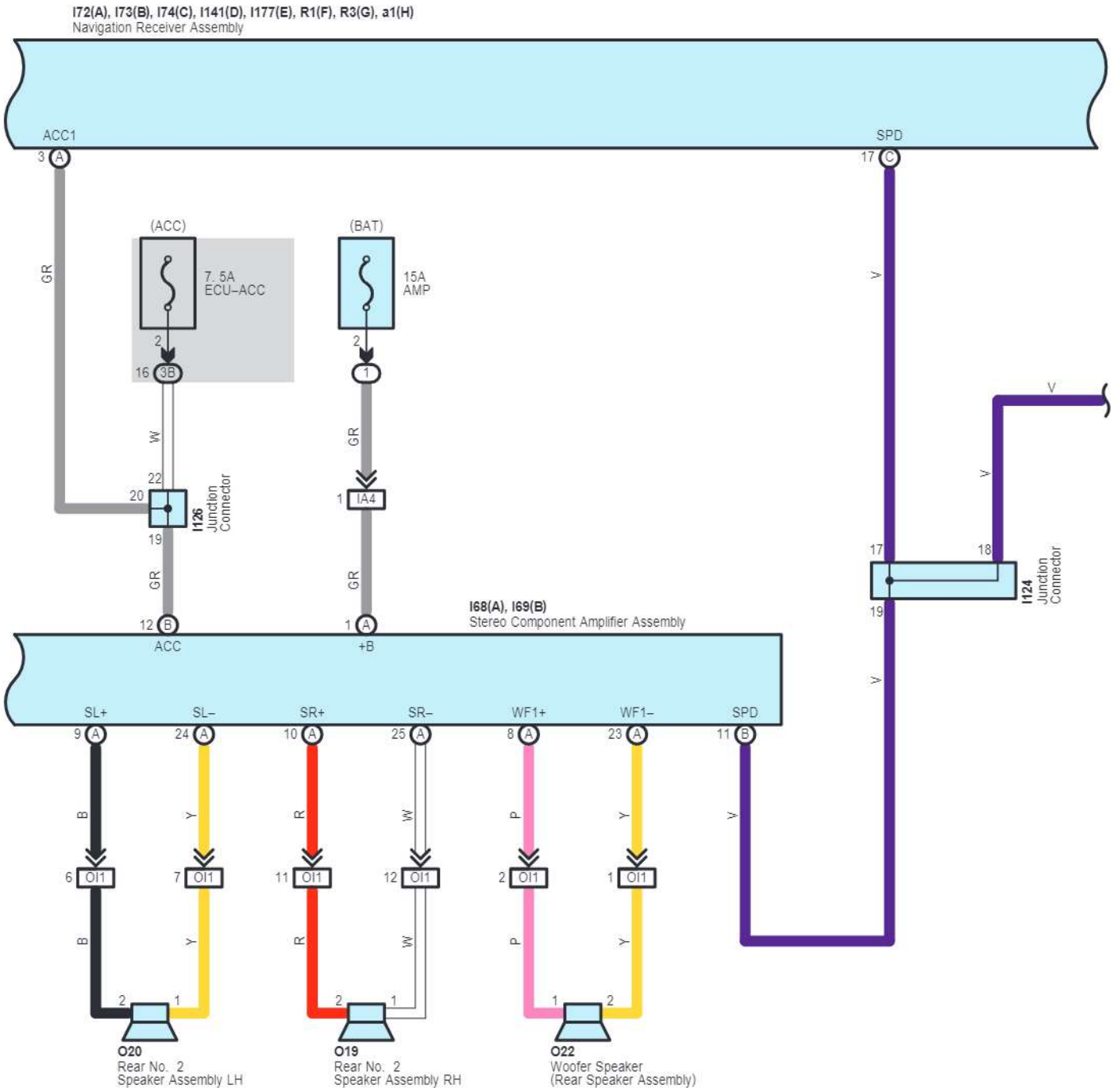

I72(A), I73(B), I74(C), I141(D), I177(E), R1(F), R3(G), a1(H)
Navigation Receiver Assembly
GND1
SNS2
MACC
MIN+
MIN–
SGND
7 A
6 C
4 C
5 C
19 C
18 C
LG
BR
(Shielded)
(*2)
B
W
R
(*1)
G
14 IS1
3 IS1
4 IS1
5 IS1
6 IS1
Y
15
14
13
12
SNS2
MACC
MCO+
MCO–
Microphone
S12
Roof Console Box Assembly
32 A
35 A
34 A
33 A
18 A
19 A
SGND
MCI–
MCI+
MCVD
MCO+
MCO–
SPI–
SPO–
SPO+
SPI+
MUTE
3 A
6 A
5 A
2 A
17 A
P
L
LG
Y
I135(A)
DCM (Telematics Transceiver)
I4
* 1 : w/ Safety Connect
* 2 : w/o Safety Connect
* 3 : w/ Dynamic Radar Cruise Control,
w/o Dynamic Radar Cruise Control Urethane Type Steering Wheel
* 4 : w/o Dynamic Radar Cruise Control Leather Type Steering Wheel

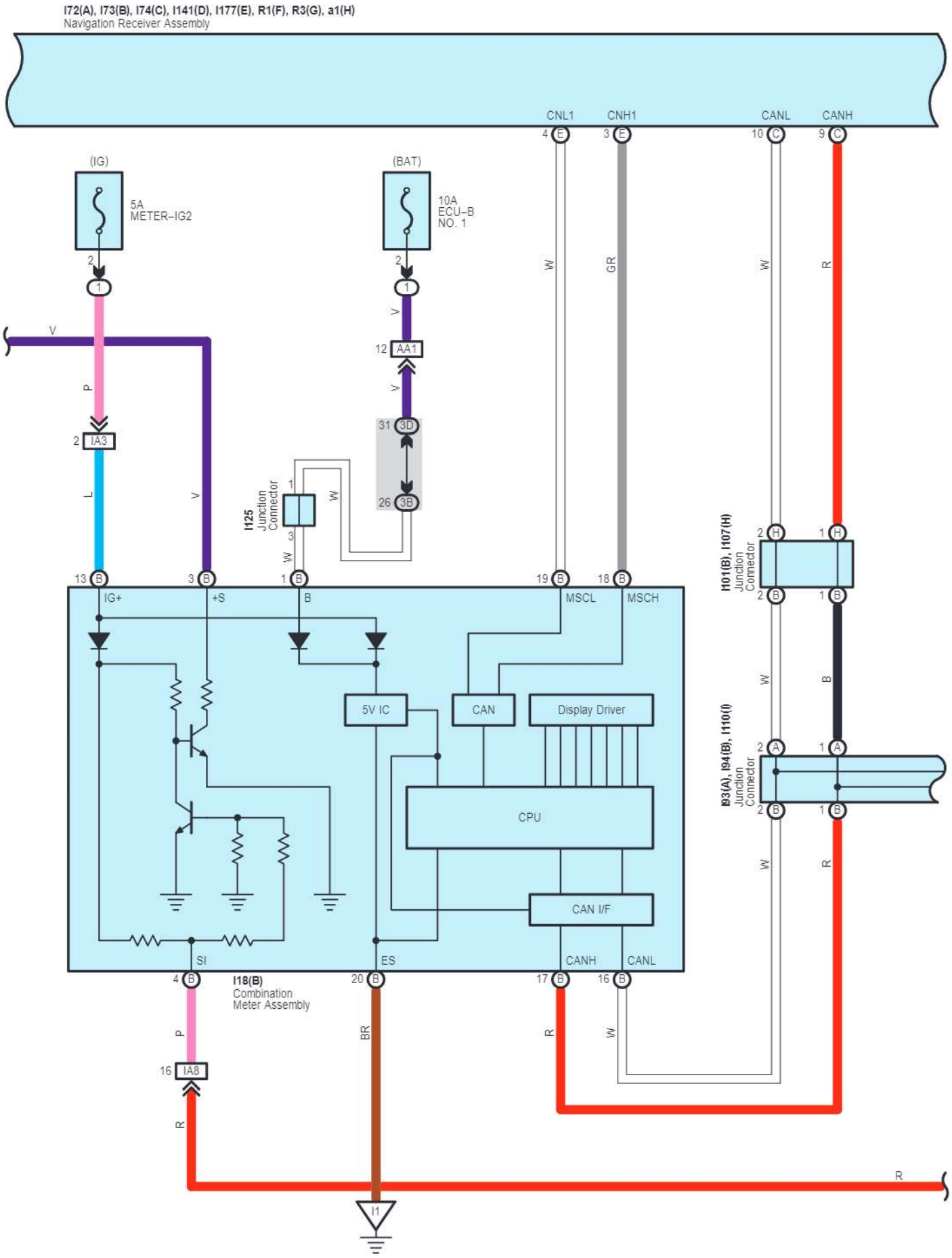

I72(A), I73(B), I74(C), I141(D), I177(E), R1(F), R3(G), a1(H)
Navigation Receiver Assembly
TX1+
TX1–
RL+
RL–
MUT1
FR+
FR–
FL+
FL–
7 C
8 C
2 B
6 B
16 C
1 A
5 A
2 A
6 A
GR
G
(Shielded)
R
G
L
(Shielded)
R
G
B
W
8 B
7 B
15 B
14 B
18 B
1 B
5 B
4 B
3 B
2 B
6 B
TX+
TX–
II1+
II1–
SLD1
MUTE
R+
R–
L+
L–
SLD
I68(A), I69(B)
Stereo Component Amplifier Assembly
TMUT
FR+
FR–
GND
FL+
FL–
24 B
15 A
30 A
3 A
11 A
26 A
R
(*1)
Y
(*1)
LG
(*2)
P
(*1)
L
(*2)
LG
(*1)
L
(*1)
W–B
P
Y
6 JI1
5 JI1
4 KI1
5 KI1
LG
L
P
Y
1
2
1
2
+
–
+
–
J5
Front No. 1
Speaker Assembly RH
K5
Front No. 1
Speaker Assembly LH
R
(*1)
Y
(*1)
LG
(*1)
L
(*1)
P
(*1)
I6

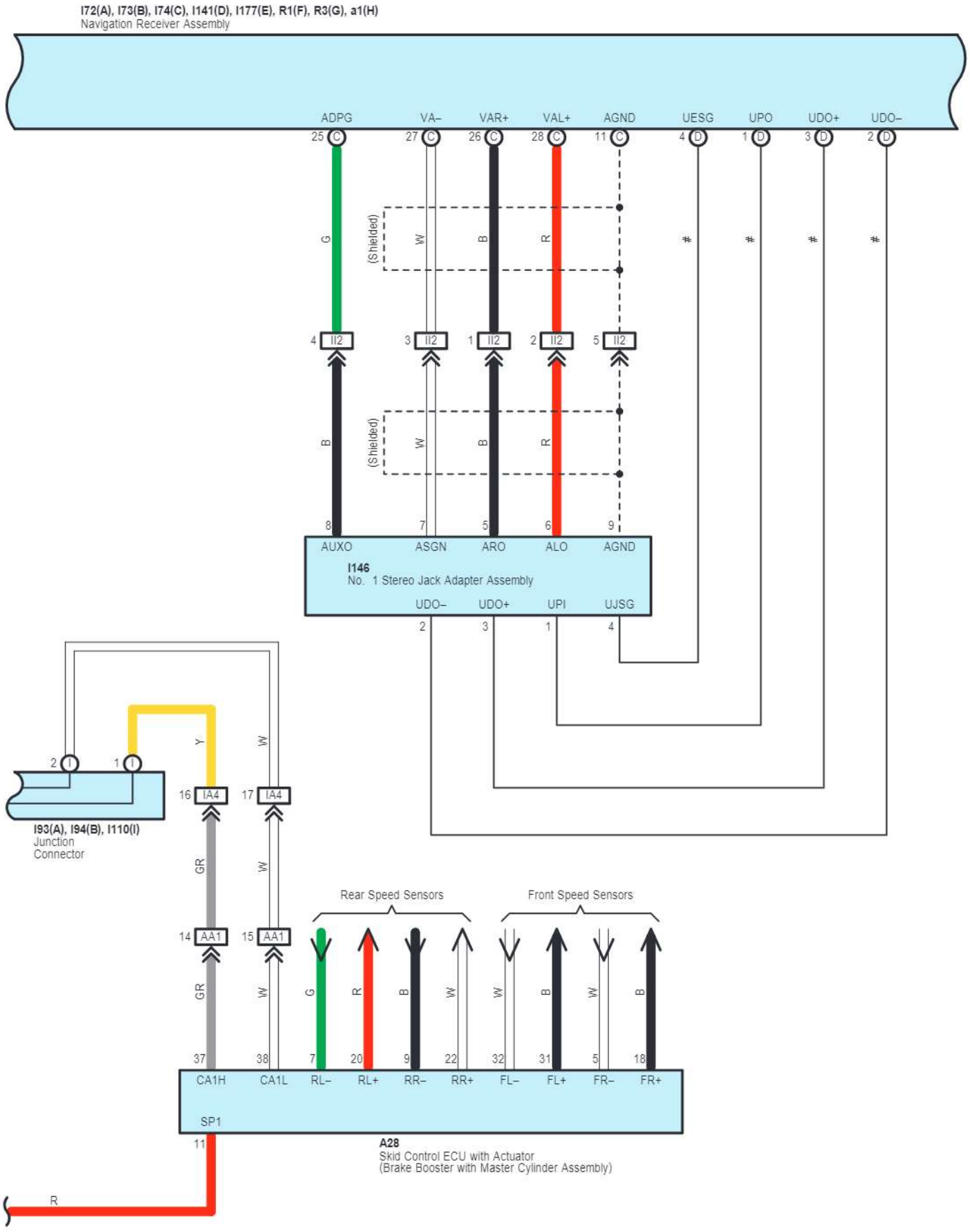


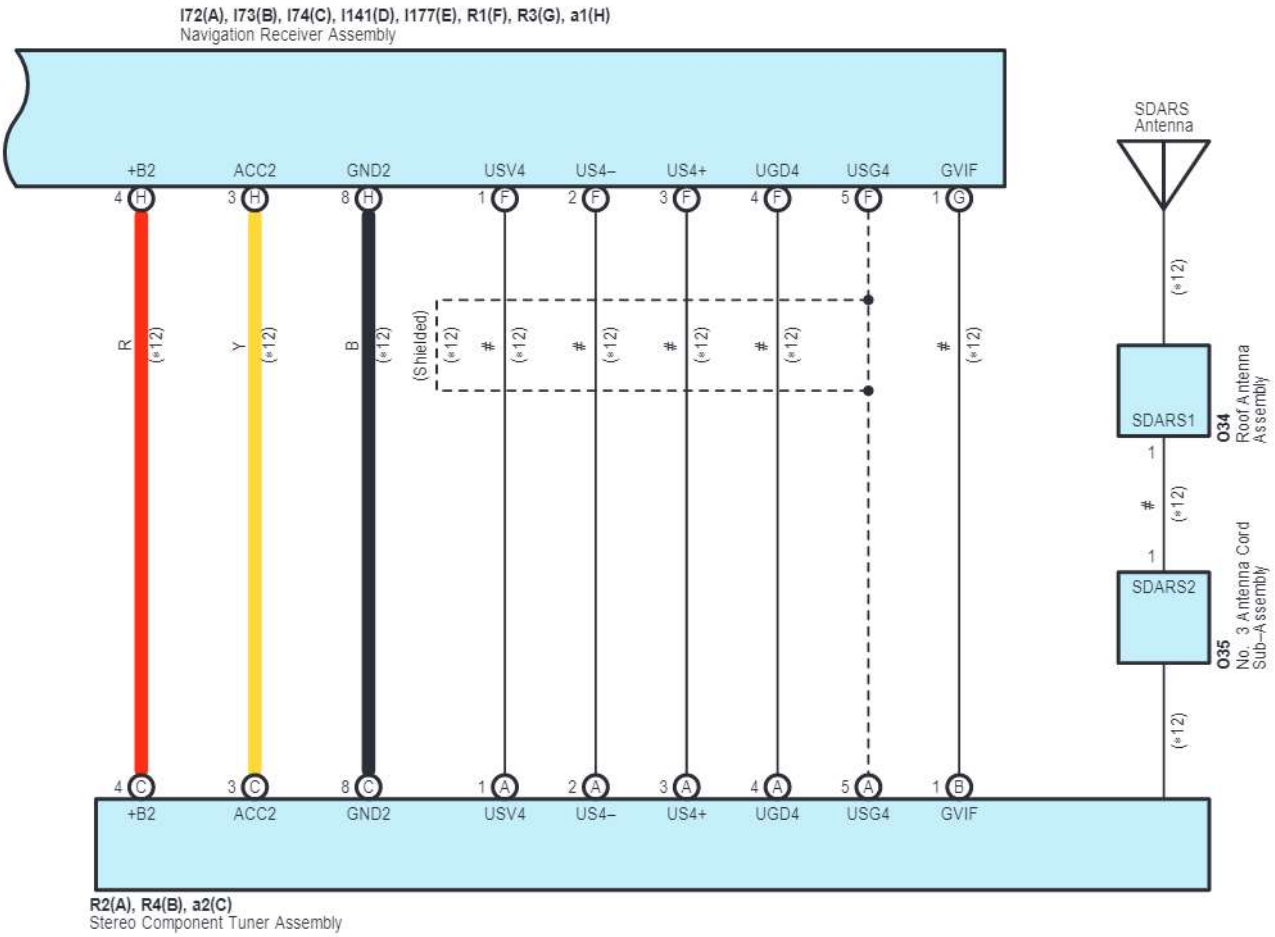


* 1 : w/ Safety Connect
* 2 : w/o Safety Connect


I72(A), I73(B), I74(C), I141(D), I177(E), R1(F), R3(G), a1(H)
Navigation Receiver Assembly
ACC1
3 A
SPD
17 C
(ACC)
7. 5A
ECU–ACC
(BAT)
15A
AMP
GR
V
2
16 3B
1
W
GR
V
22
20
I126
Junction
Connector
19
GR
GR
17
18
I124
Junction
Connector
19
12 B
ACC
1 A
+B
I68(A), I69(B)
Stereo Component Amplifier Assembly
SL+
SL–
SR+
SR–
WF1+
WF1–
SPD
9 A
24 A
10 A
25 A
8 A
23 A
11 B
B
Y
R
W
P
Y
V
6 OI1
7 OI1
11 OI1
12 OI1
2 OI1
1 OI1
2
1
2
1
1
2
O20
Rear No. 2
Speaker Assembly LH
O19
Rear No. 2
Speaker Assembly RH
O22
Woofer Speaker
(Rear Speaker Assembly)


I72(A), I73(B), I74(C), I141(D), I177(E), R1(F), R3(G), a1(H)
Navigation Receiver Assembly
CNL1
CNH1
CANL
CANH
(IG)
5A
METER–IG2
(BAT)
10A
ECU–B
NO. 1
I125
Junction
Connector
I101(B), I107(H)
Junction
Connector
I93(A), I94(B), I110(I)
Junction
Connector
IG+
+S
B
MSCL
MSCH
5V IC
CAN
Display Driver
CPU
CAN I/F
SI
ES
CANH
CANL
I18(B)
Combination
Meter Assembly
IA3
IA8
AA1
3D
3B
I1

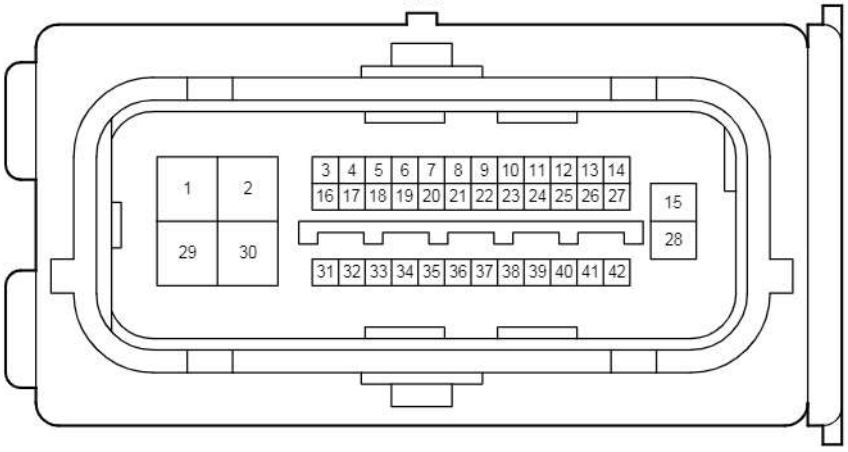

I72(A), I73(B), I74(C), I141(D), I177(E), R1(F), R3(G), a1(H)
Navigation Receiver Assembly
ADPG
VA–
VAR+
VAL+
AGND
UESG
UPO
UDO+
UDO–
25 C
27 C
26 C
28 C
11 C
4 D
1 D
3 D
2 D
G
(Shielded)
W
B
R
4 II2
3 II2
1 II2
2 II2
5 II2
8
7
5
6
9
AUXO
ASGN
ARO
ALO
AGND
I146
No. 1 Stereo Jack Adapter Assembly
UDO–
UDO+
UPI
UJSG
2
3
1
4
2 I
1 I
Y
W
16 IA4
17 IA4
I93(A), I94(B), I110(I)
Junction
Connector
GR
14 AA1
15 AA1
Rear Speed Sensors
Front Speed Sensors
37
38
7
20
9
22
32
31
5
18
CA1H
CA1L
RL–
RL+
RR–
RR+
FL–
FL+
FR–
FR+
SP1
11
A28
Skid Control ECU with Actuator
(Brake Booster with Master Cylinder Assembly)
R



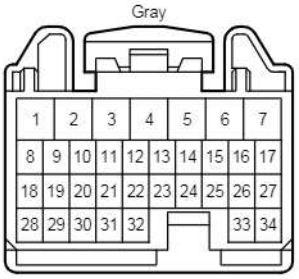
*12 : w/ SDARS

: There is no wire color information.

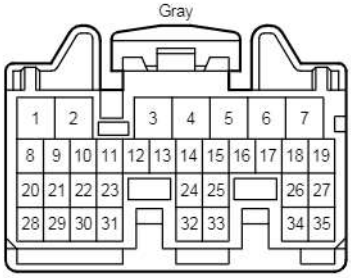
A 28
Black



A 38
Gray



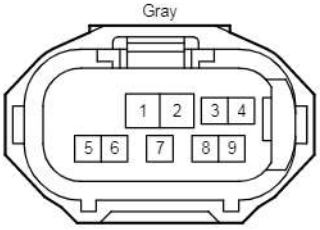
A 39
Gray



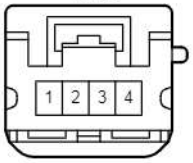
A 42
Black



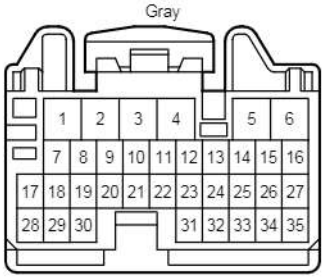
E 11
Gray



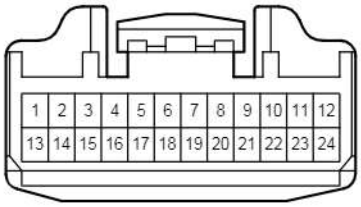
I 2
White



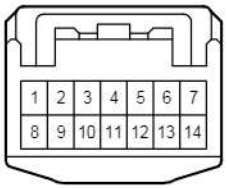
I 3
Gray



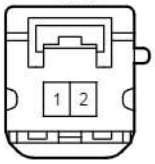
I 18
Black



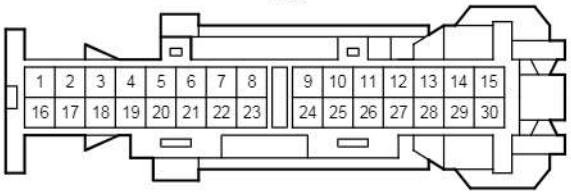
I 28
Black



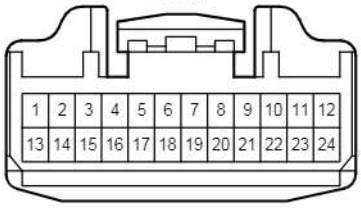
I 60
White



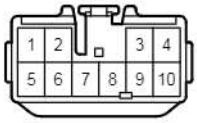
I 68
White



I 69
White



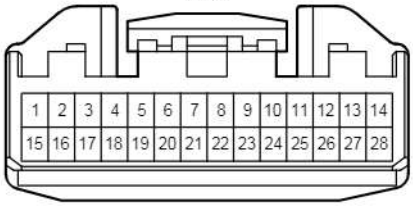
I 72
White



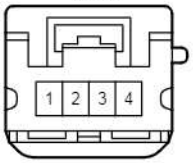
I 73
White



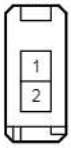
I 74
White



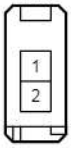
I 84
White



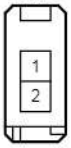
I 93
White



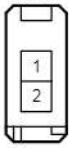
I 94
White



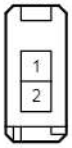
I101
White



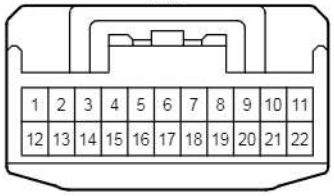
I107
White



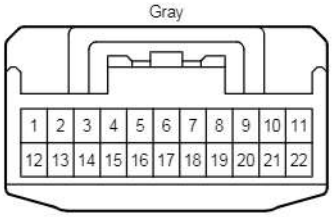
I110
White



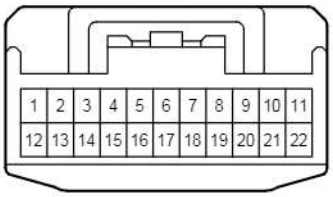
I124
White



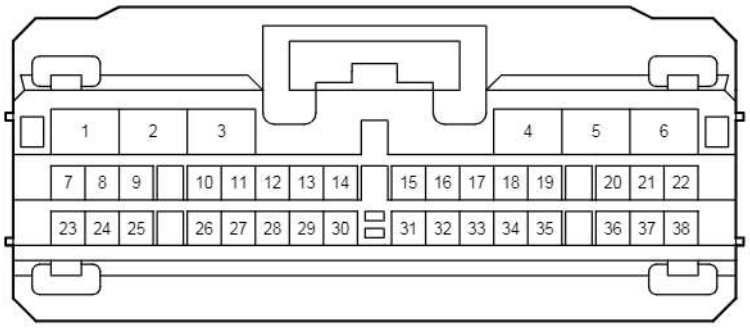
I125
Gray



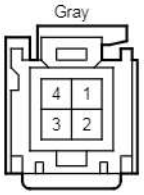
I126
White



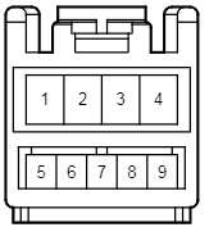
I135
White



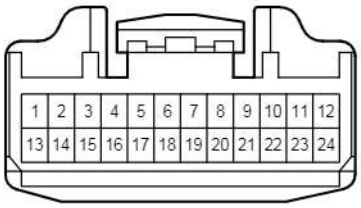
I141
Gray



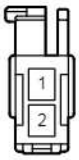
I146
Black



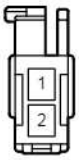
I177
White



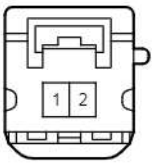
J 5
Black



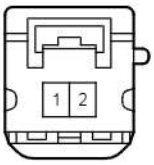
K 5
Black



O 19
White



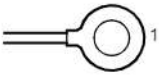
O 20
White



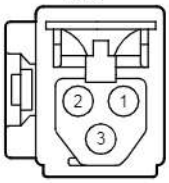
O 22
Black



O 29



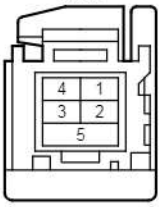
O 34
Blue



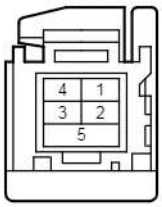
O 35
Gray



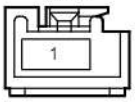
R 1
Brown



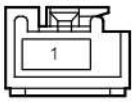
R 2
Brown



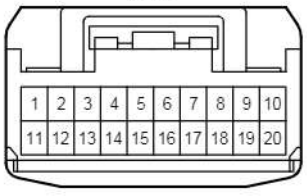
R 3
White



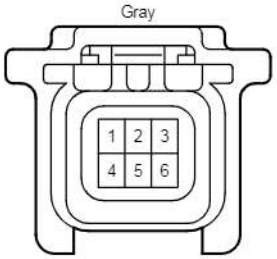
R 4
White



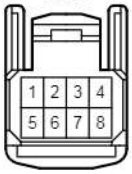
S 12
Black



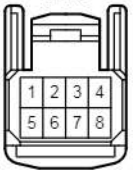
T 6
Gray



a 1
White



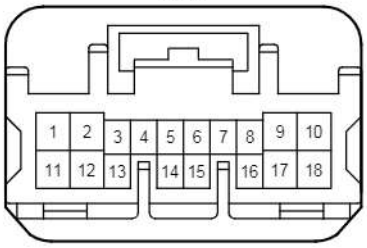
a 2
White



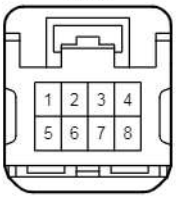
z 3
Black



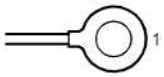
1F
White



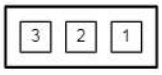
1G
White



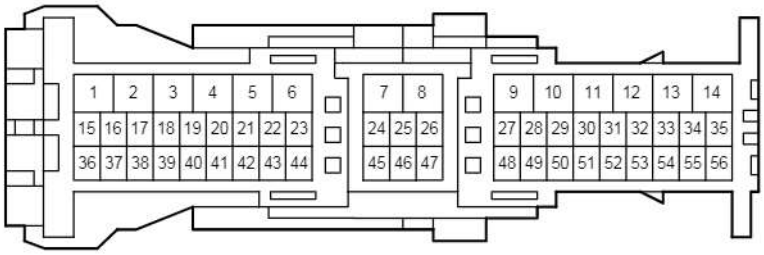
1I
White



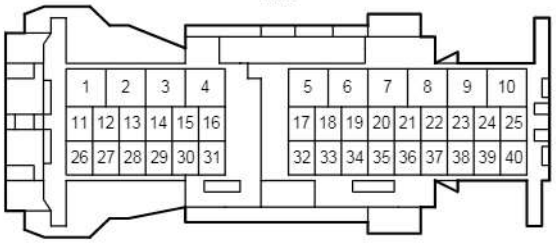
1M



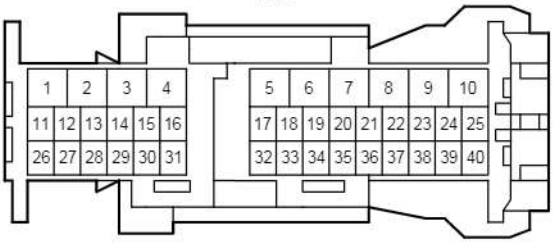
3A
White



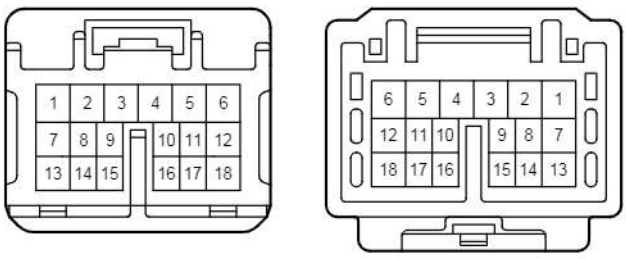
3B
White



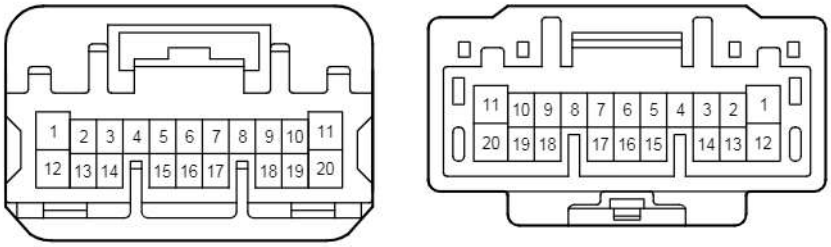
3D
White



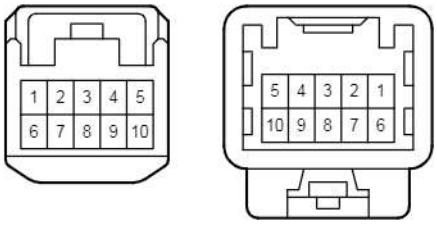
AA1
Blue



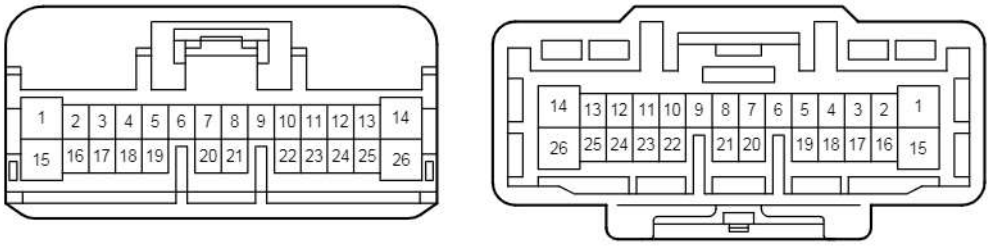
EA2
White



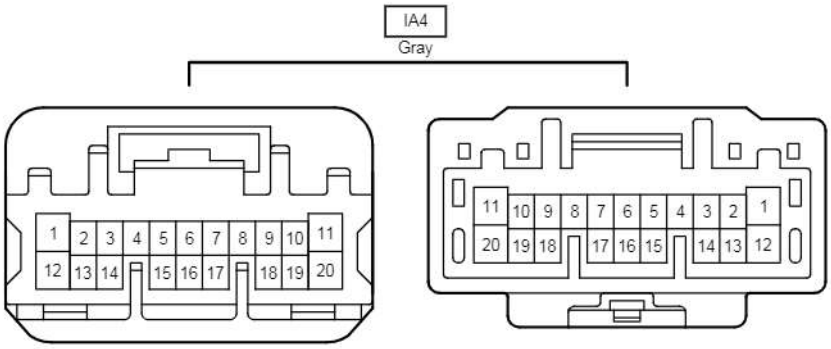
EA3
White



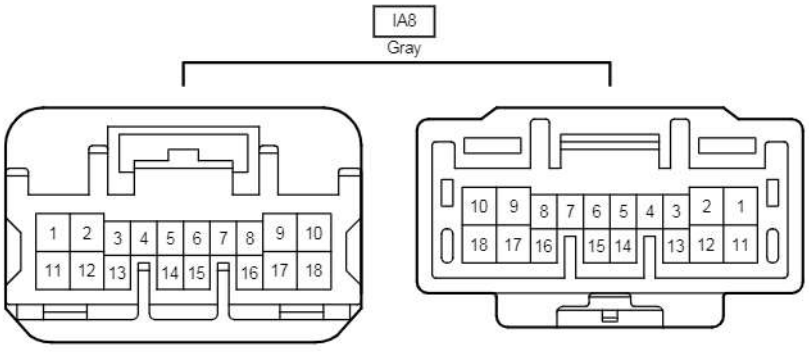
IA3
Blue

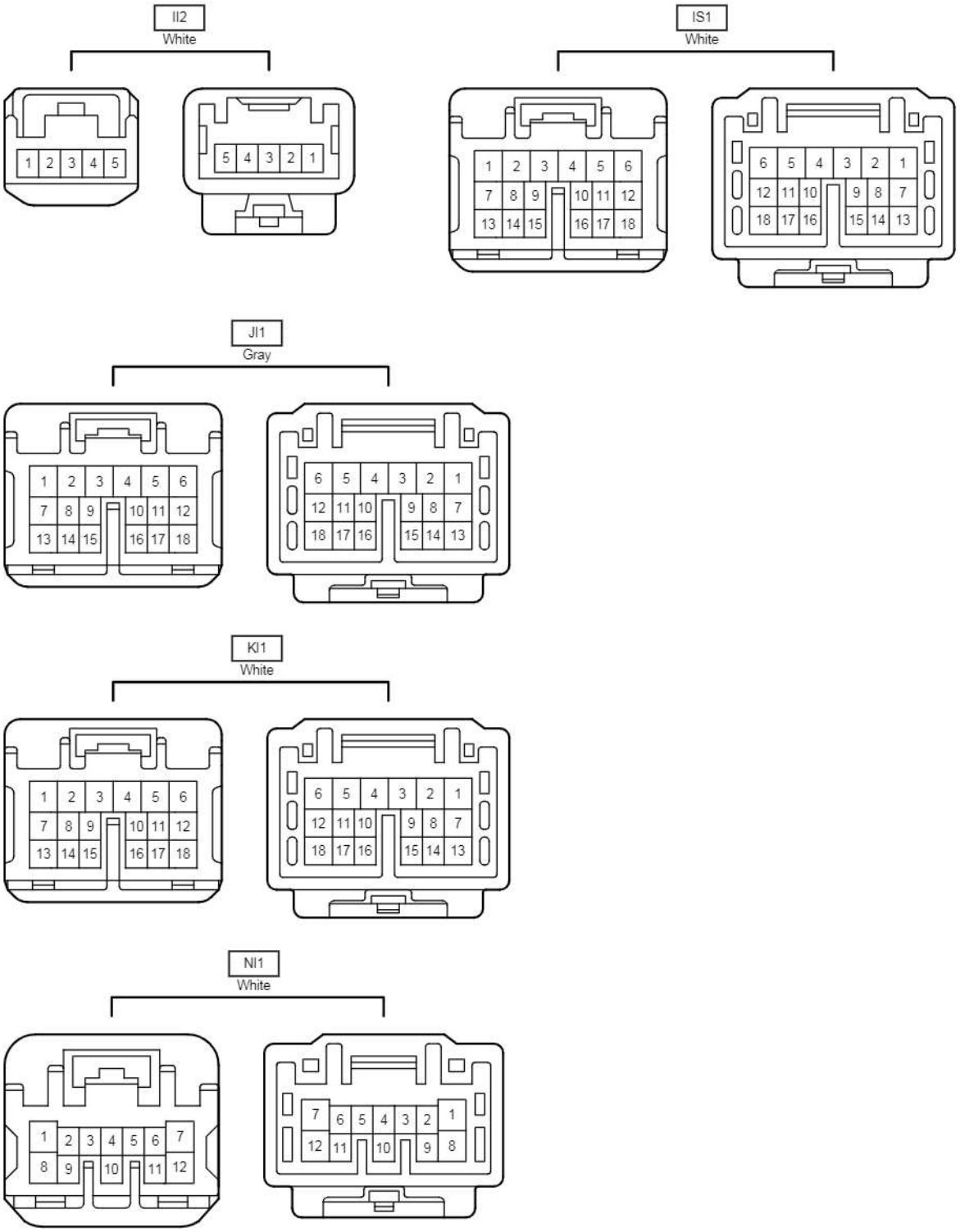


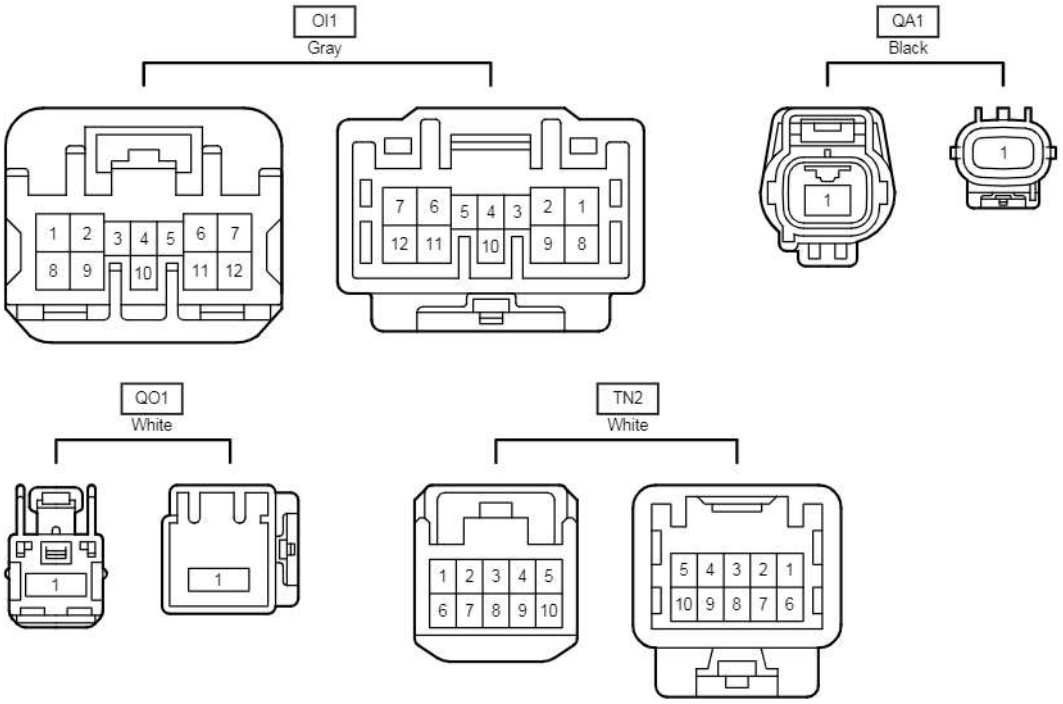
IA4
Gray

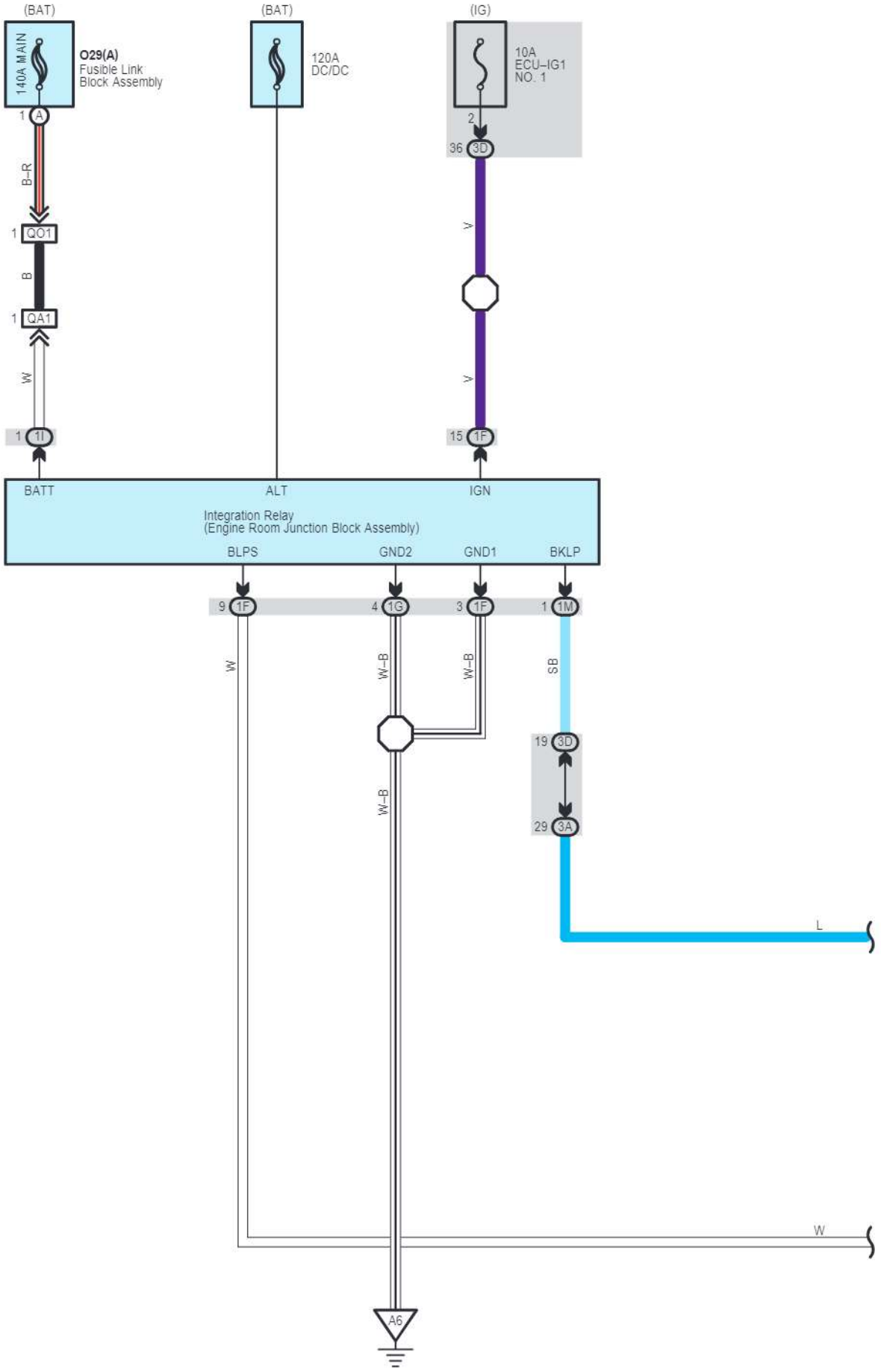


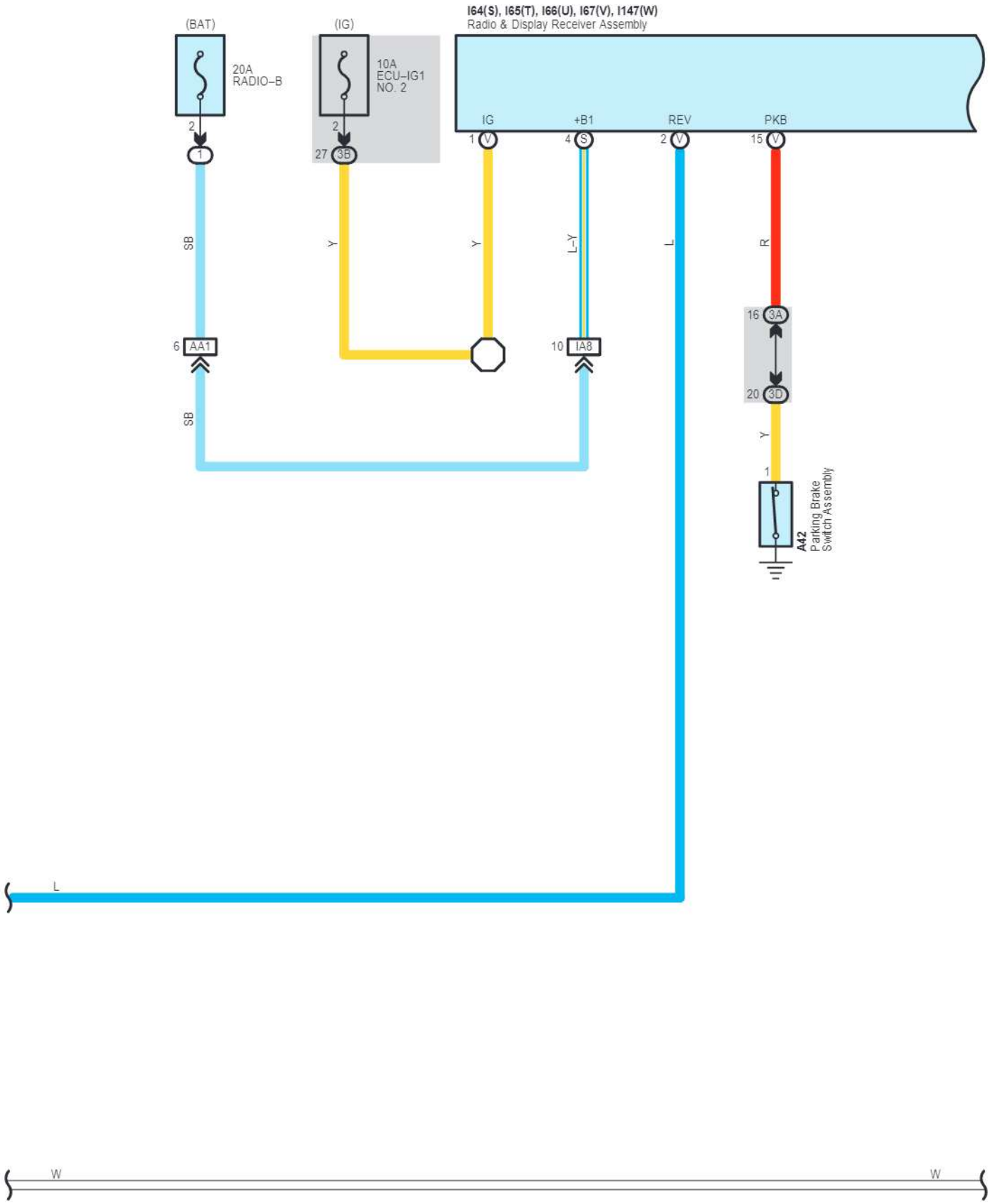
IA8
Gray

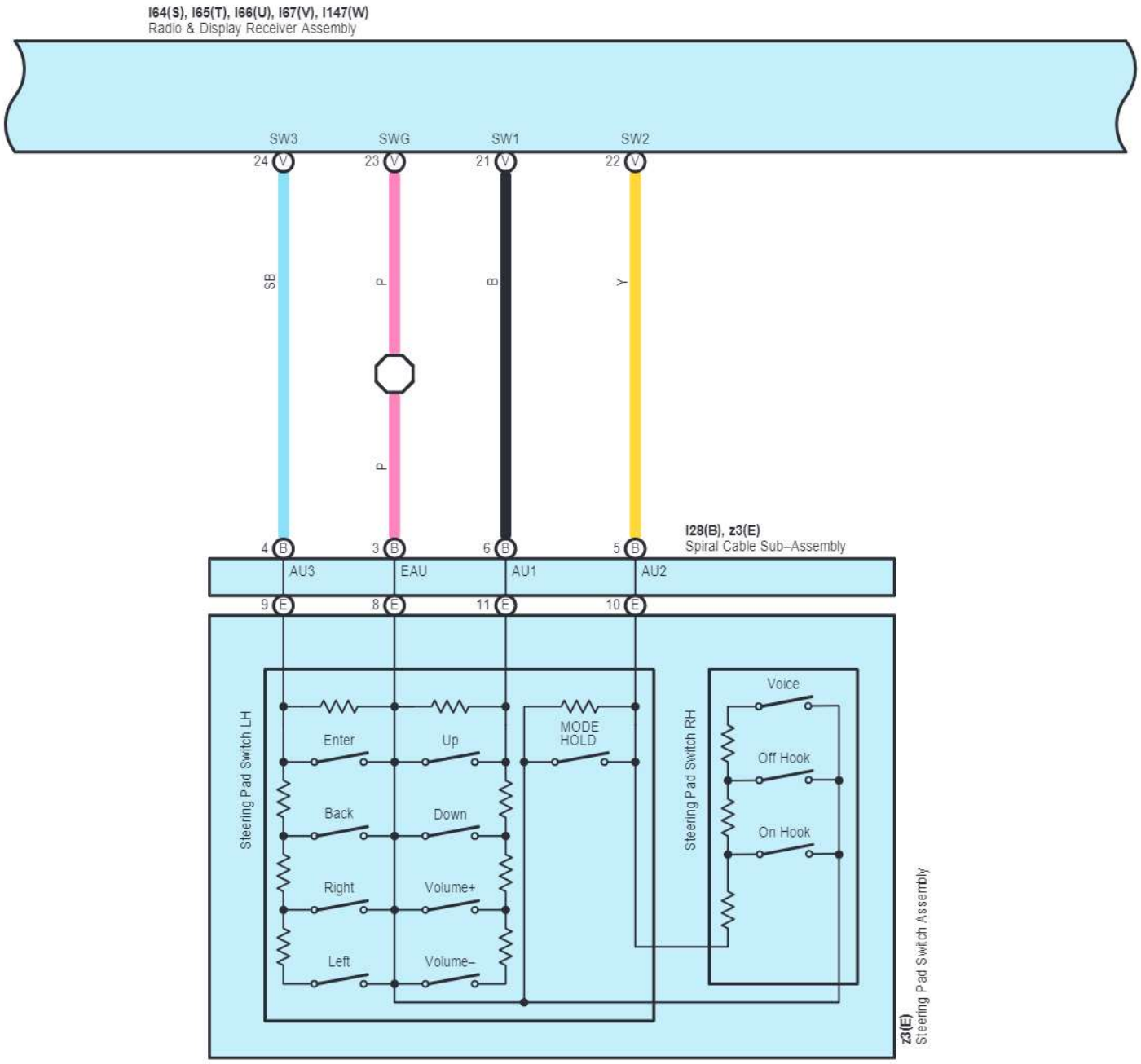



II2
White
1 2 3 4 5
5 4 3 2 1
IS1
White
1 2 3 4 5 6
7 8 9 10 11 12
13 14 15 16 17 18
6 5 4 3 2 1
12 11 10 9 8 7
18 17 16 15 14 13
JI1
Gray
1 2 3 4 5 6
7 8 9 10 11 12
13 14 15 16 17 18
6 5 4 3 2 1
12 11 10 9 8 7
18 17 16 15 14 13
KI1
White
1 2 3 4 5 6
7 8 9 10 11 12
13 14 15 16 17 18
6 5 4 3 2 1
12 11 10 9 8 7
18 17 16 15 14 13
NI1
White
1 2 3 4 5 6 7
8 9 10 11 12
7 6 5 4 3 2 1
12 11 10 9 8

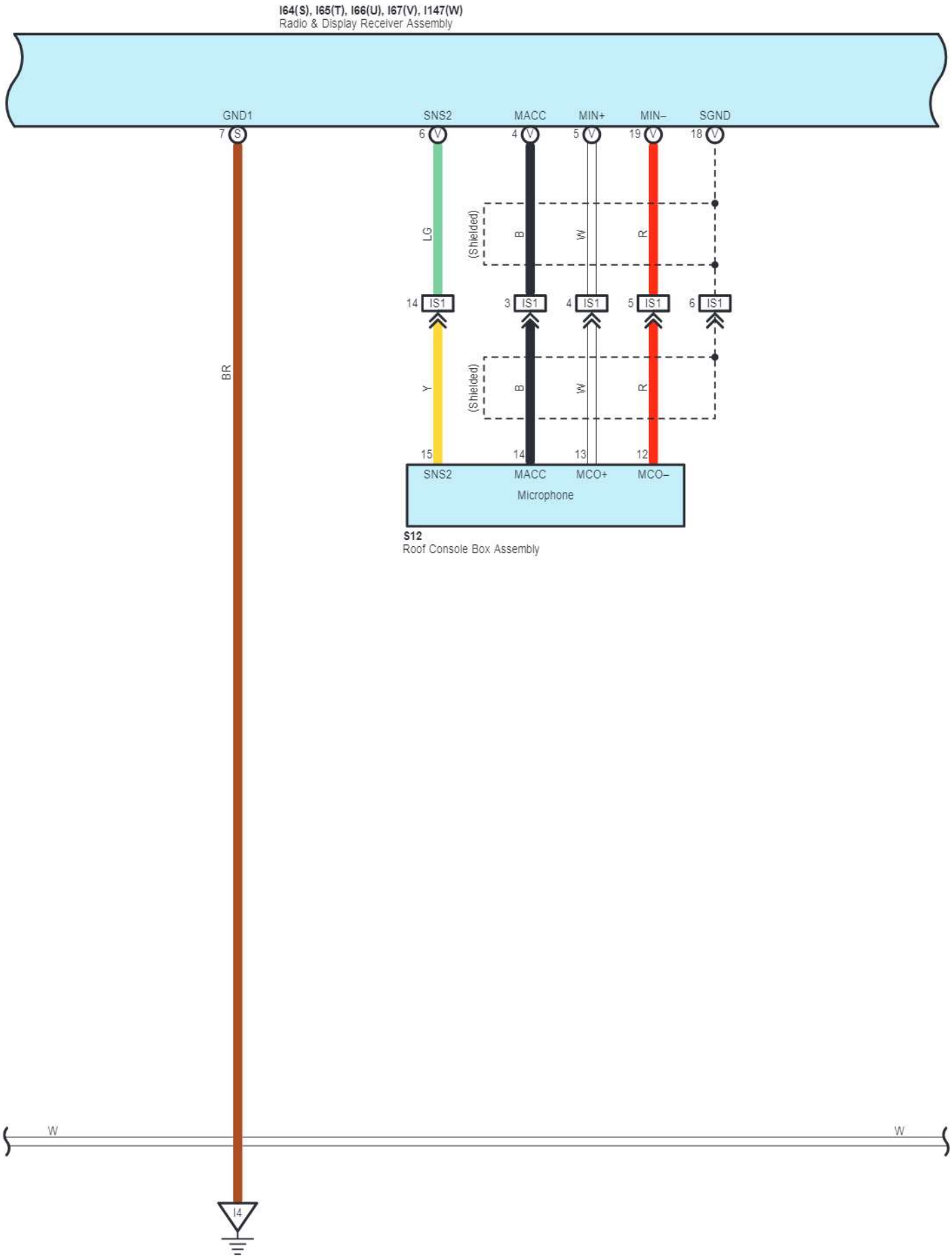

OI1
Gray
1 2 3 4 5 6 7
8 9 10 11 12
7 6 5 4 3 2 1
12 11 10 9 8
QA1
Black
1
1
QO1
White
1
1
TN2
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

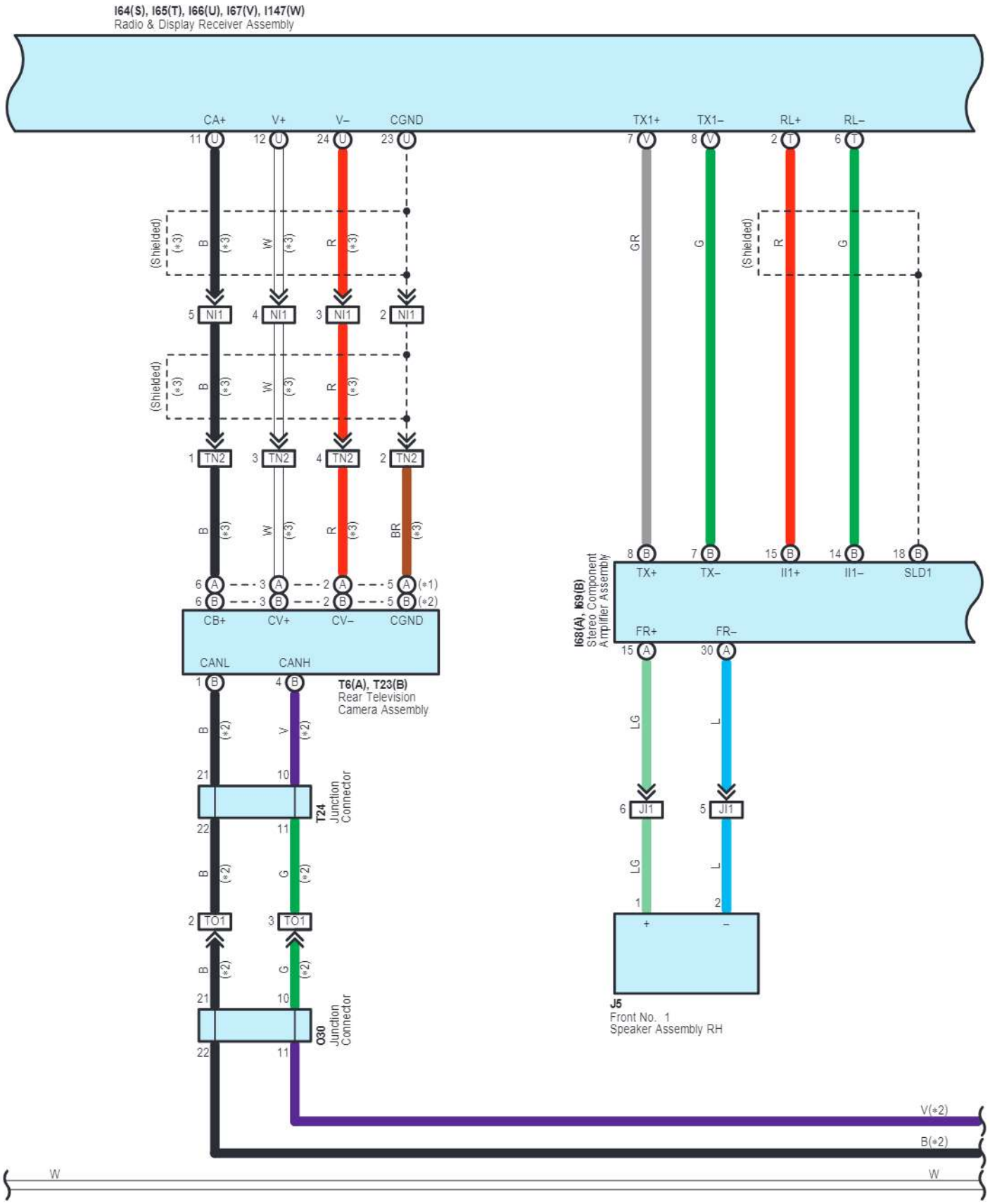

(BAT)
140A MAIN
O29(A)
Fusible Link Block Assembly
1 A
B-R
1 QO1
B
1 QA1
W
1 1I
(BAT)
120A
DC/DC
(IG)
10A
ECU-IG1
NO. 1
2
36 3D
V
V
15 1F
BATT
ALT
IGN
Integration Relay
(Engine Room Junction Block Assembly)
BLPS
GND2
GND1
BKLP
9 1F
4 1G
3 1F
1 1M
W
W-B
W-B
SB
19 3D
29 3A
W-B
L
W
A6

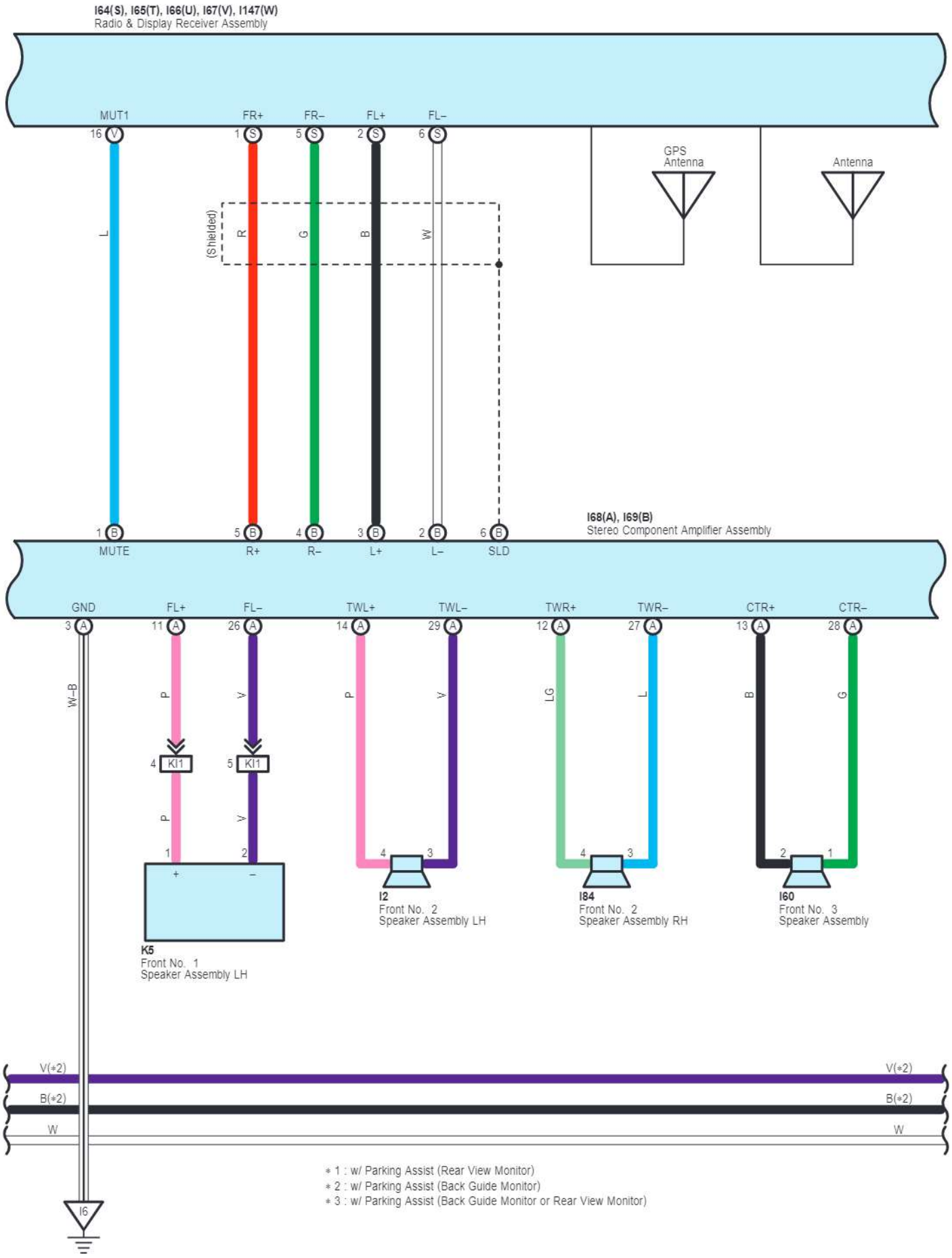

I64(S), I65(T), I66(U), I67(V), I147(W)
Radio & Display Receiver Assembly
(BAT)
(IG)
20A
RADIO–B
10A
ECU–IG1
NO. 2
IG
+B1
REV
PKB
SB
Y
L–Y
L
R
AA1
IA8
3A
3D
A42
Parking Brake
Switch Assembly
W

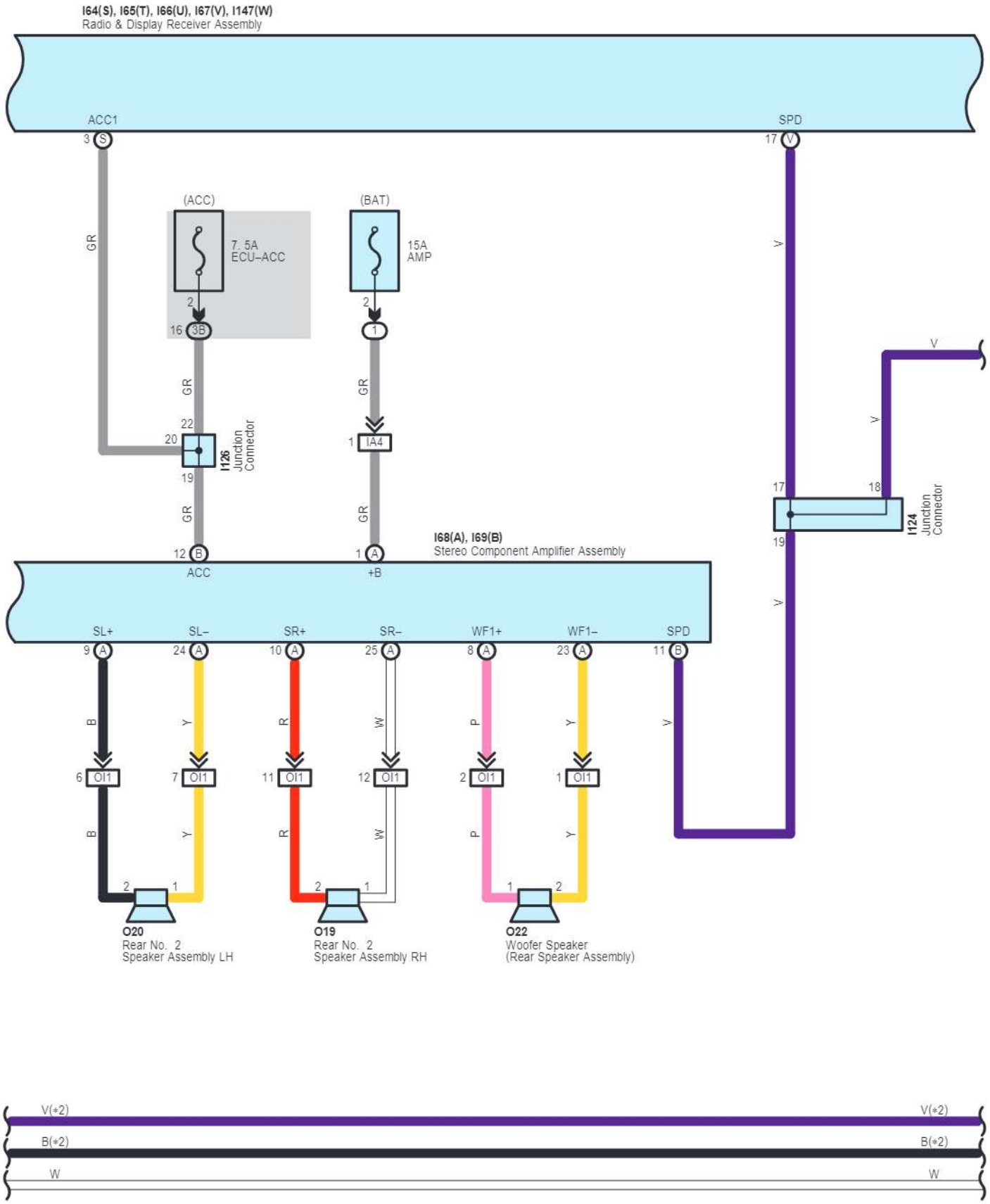

I64(S), I65(T), I66(U), I67(V), I147(W)
Radio & Display Receiver Assembly
SW3
SWG
SW1
SW2
24 V
23 V
21 V
22 V
SB
P
P
B
Y
I28(B), z3(E)
Spiral Cable Sub–Assembly
4 B
3 B
6 B
5 B
AU3
EAU
AU1
AU2
9 E
8 E
11 E
10 E
Steering Pad Switch LH
Enter
Up
Back
Down
Right
Volume+
Left
Volume–
MODE
HOLD
Steering Pad Switch RH
Voice
Off Hook
On Hook
z3(E)
Steering Pad Switch Assembly

W W

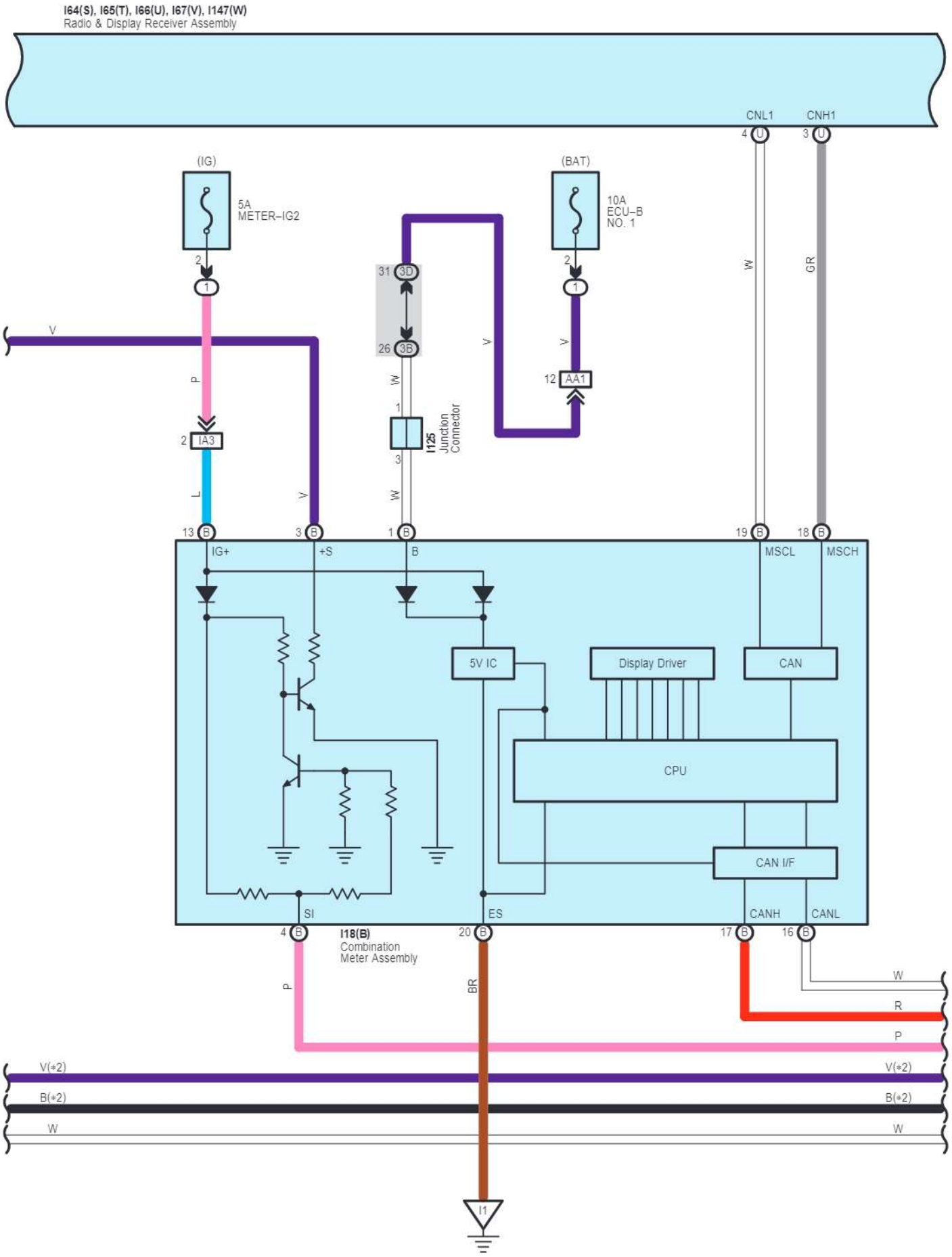

I64(S), I65(T), I66(U), I67(V), I147(W)
Radio & Display Receiver Assembly
GND1
SNS2
MACC
MIN+
MIN–
SGND
7 S
6 V
4 V
5 V
19 V
18 V
LG
B
W
R
(Shielded)
14 IS1
3 IS1
4 IS1
5 IS1
6 IS1
Y
B
W
R
(Shielded)
15
14
13
12
SNS2
MACC
MCO+
MCO–
Microphone
S12
Roof Console Box Assembly
BR
W
W
I4

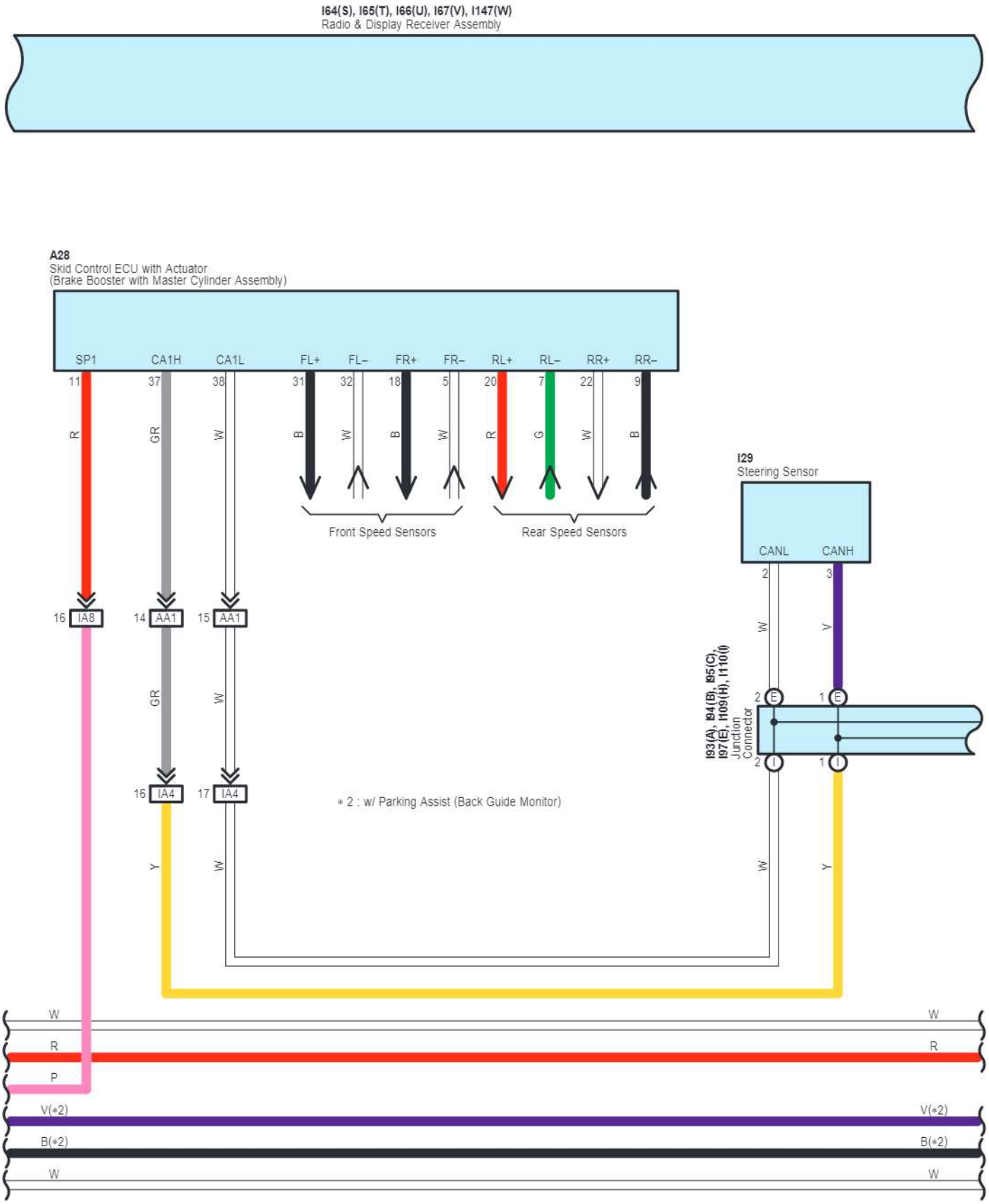

I64(S), I65(T), I66(U), I67(V), I147(W)
Radio & Display Receiver Assembly
CA+
V+
V–
CGND
TX1+
TX1–
RL+
RL–
(Shielded)
NI1
TN2
CB+
CV+
CV–
CGND
CANL
CANH
T6(A), T23(B)
Rear Television Camera Assembly
T24
Junction Connector
O30
Junction Connector
I68(A), I69(B)
Stereo Component Amplifier Assembly
TX+
TX–
II1+
II1–
SLD1
FR+
FR–
JI1
J5
Front No. 1 Speaker Assembly RH
V(*2)
B(*2)
W

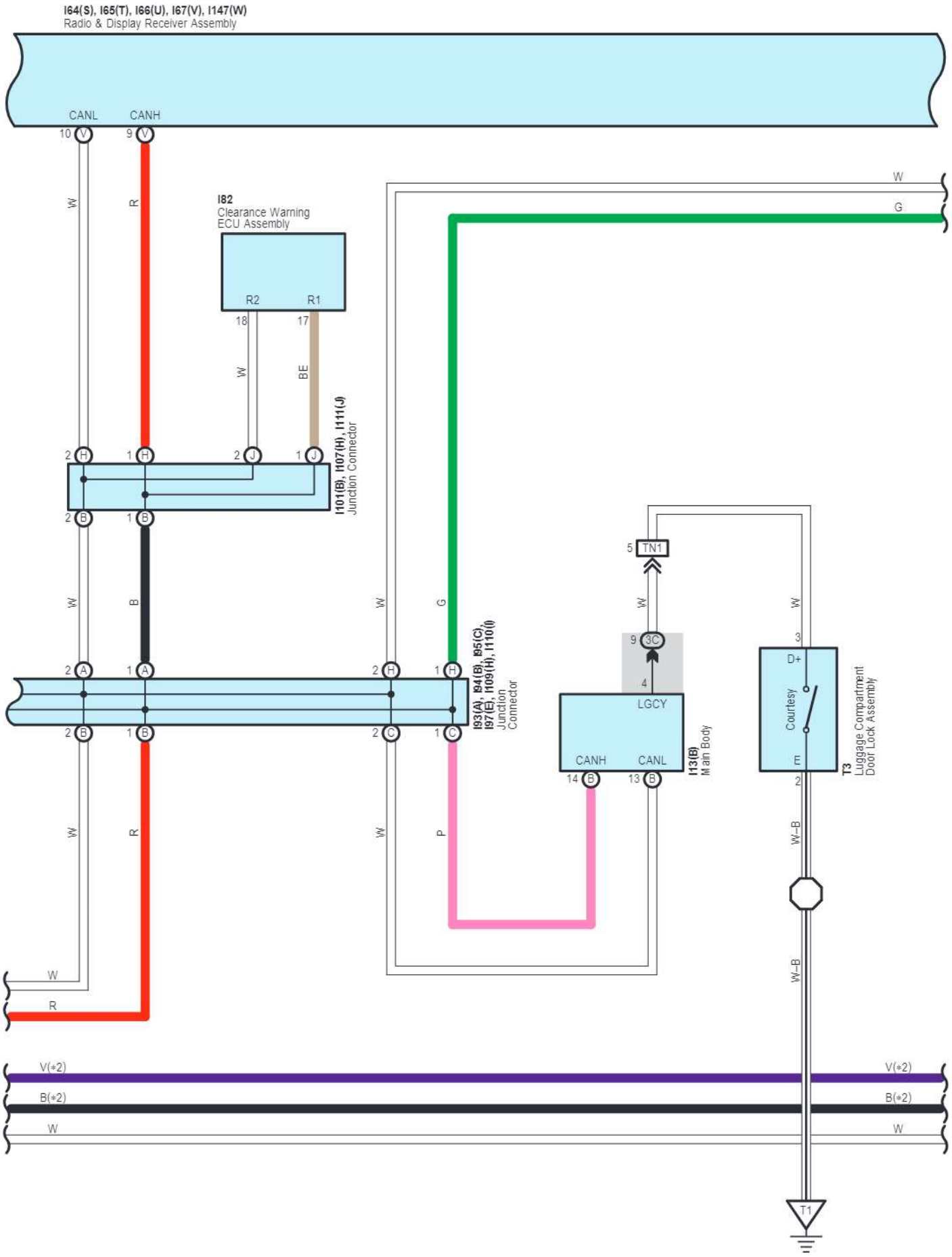

I64(S), I65(T), I66(U), I67(V), I147(W)
Radio & Display Receiver Assembly
MUT1
FR+
FR−
FL+
FL−
16 V
1 S
5 S
2 S
6 S
L
(Shielded)
R
G
B
W
GPS Antenna
Antenna
1 B
5 B
4 B
3 B
2 B
6 B
MUTE
R+
R−
L+
L−
SLD
I68(A), I69(B)
Stereo Component Amplifier Assembly
GND
FL+
FL−
TWL+
TWL−
TWR+
TWR−
CTR+
CTR−
3 A
11 A
26 A
14 A
29 A
12 A
27 A
13 A
28 A
W-B
P
V
LG
L
B
G
4 KI1
5 KI1
1
2
+
−
K5
Front No. 1
Speaker Assembly LH
4
3
I2
Front No. 2
Speaker Assembly LH
I84
Front No. 2
Speaker Assembly RH
I60
Front No. 3
Speaker Assembly
V(*2)
B(*2)
W
I6
* 1 : w/ Parking Assist (Rear View Monitor)
* 2 : w/ Parking Assist (Back Guide Monitor)
* 3 : w/ Parking Assist (Back Guide Monitor or Rear View Monitor)

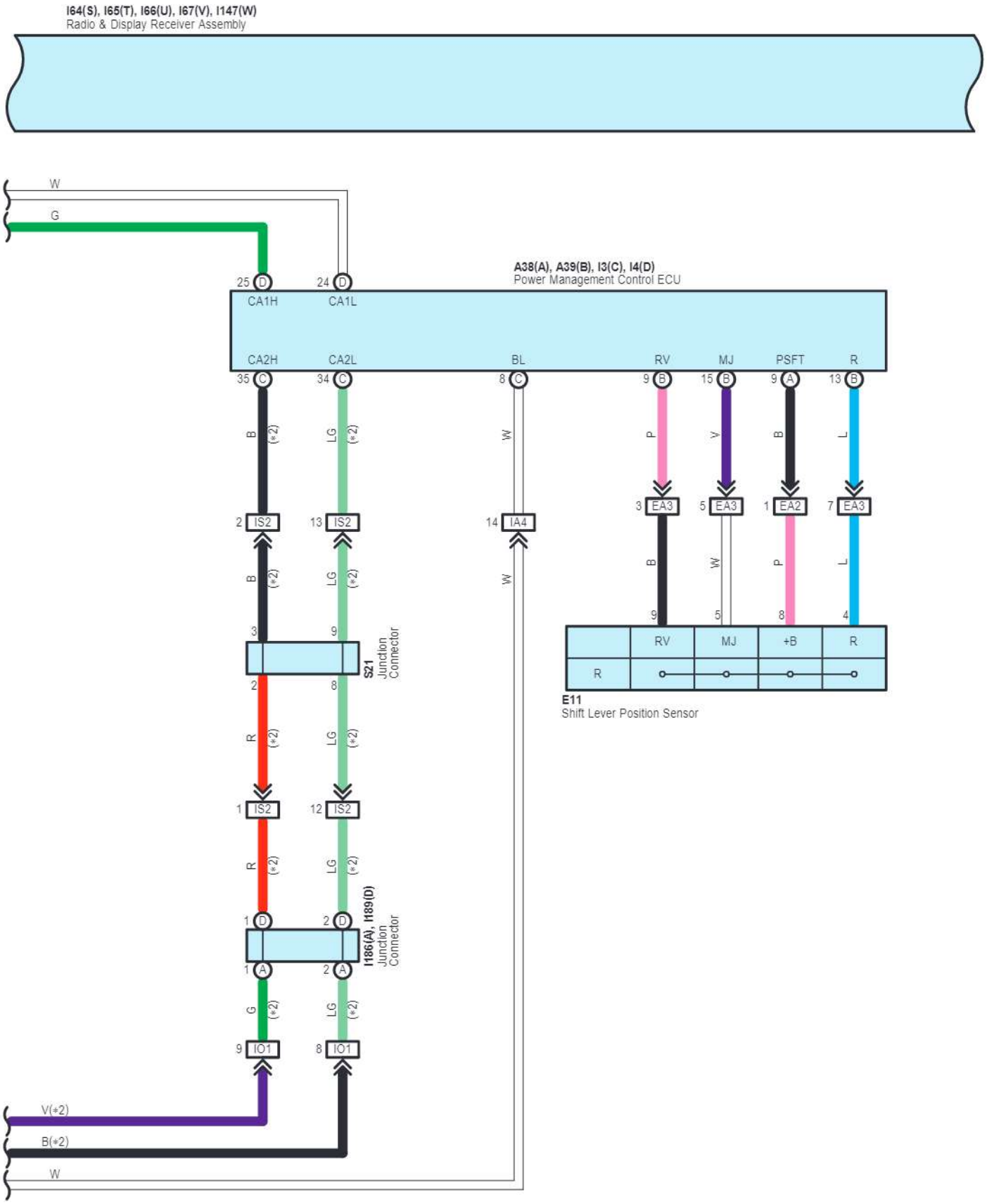


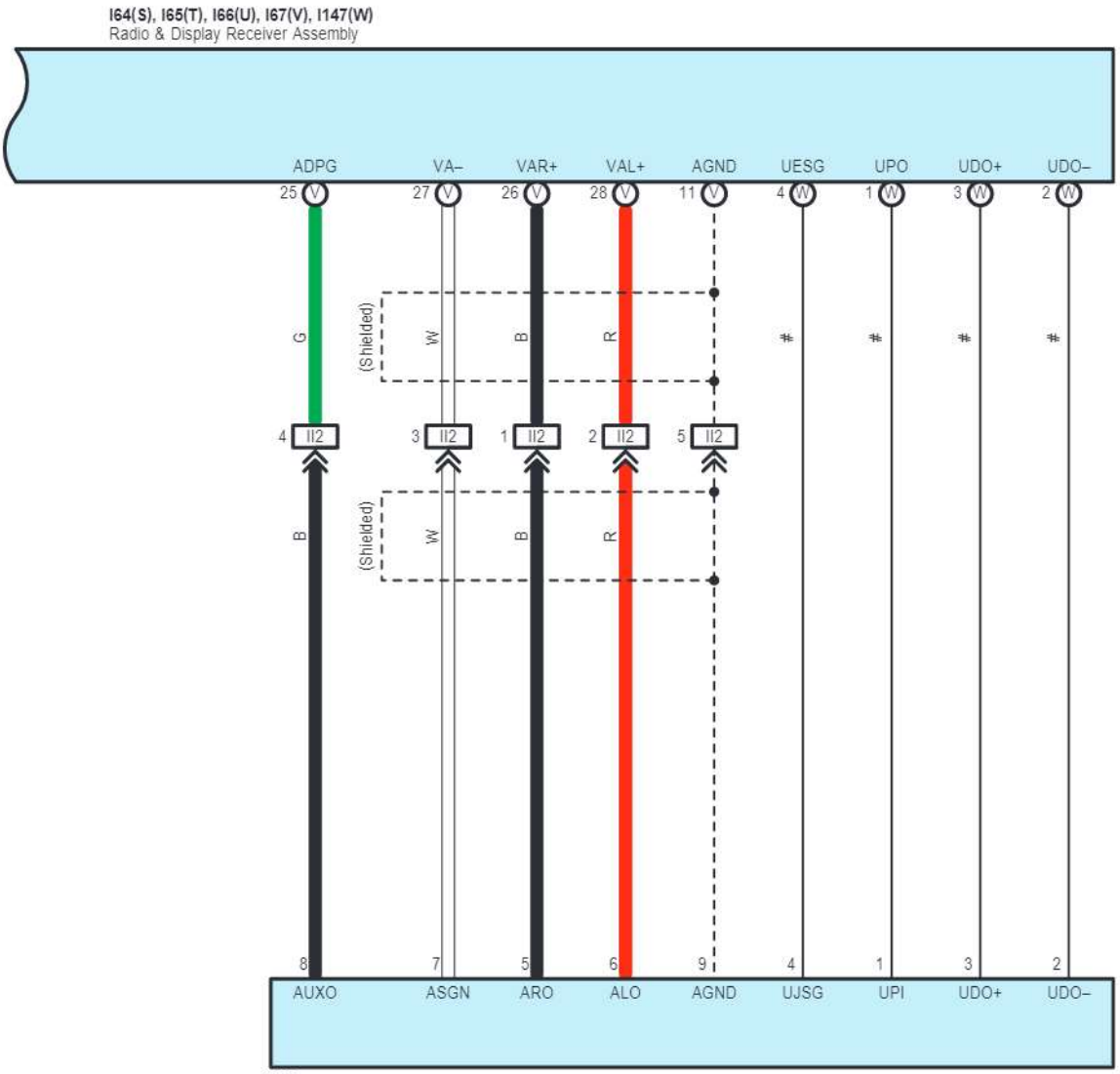
* 2 : w/ Parking Assist (Back Guide Monitor)


I64(S), I65(T), I66(U), I67(V), I147(W)
Radio & Display Receiver Assembly
CNL1
CNH1
(IG)
5A
METER–IG2
(BAT)
10A
ECU–B
NO. 1
W
GR
V
P
L
31 3D
26 3B
W
1
I125
Junction
Connector
3
W
12 AA1
2 IA3
13 B
3 B
1 B
19 B
18 B
IG+
+S
B
MSCL
MSCH
5V IC
Display Driver
CAN
CPU
CAN I/F
SI
ES
CANH
CANL
4 B
20 B
17 B
16 B
I18(B)
Combination
Meter Assembly
P
BR
W
R
P
V(*2)
B(*2)
W
I1


I64(S), I65(T), I66(U), I67(V), I147(W)
Radio & Display Receiver Assembly
A28
Skid Control ECU with Actuator
(Brake Booster with Master Cylinder Assembly)
SP1
CA1H
CA1L
FL+
FL−
FR+
FR−
RL+
RL−
RR+
RR−
11
37
38
31
32
18
5
20
7
22
9
R
GR
W
B
W
B
W
R
G
W
B
Front Speed Sensors
Rear Speed Sensors
I29
Steering Sensor
CANL
CANH
2
3
W
V
2 E
1 E
I93(A), I94(B), I95(C), I97(E), I109(H), I110(I)
Junction Connector
2 I
1 I
16 IA8
14 AA1
15 AA1
GR
W
16 IA4
17 IA4
Y
W
W
Y
* 2 : w/ Parking Assist (Back Guide Monitor)
W
R
P
V(*2)
B(*2)
W
W
R
V(*2)
B(*2)
W


I64(S), I65(T), I66(U), I67(V), I147(W)
Radio & Display Receiver Assembly
CANL
CANH
10 V
9 V
W
R
I82
Clearance Warning ECU Assembly
R2
R1
18
17
W
BE
2 H
1 H
2 J
1 J
I101(B), I107(H), I111(J)
Junction Connector
2 B
1 B
W
B
2 A
1 A
2 B
1 B
W
R
W
R
W
G
2 H
1 H
I93(A), I94(B), I95(C), I97(E), I109(H), I110(I)
Junction Connector
2 C
1 C
W
P
W
G
5 TN1
W
9 3C
4
LGCY
CANH
CANL
14 B
13 B
I13(B)
Main Body
W
3
D+
Courtesy
E
T3
Luggage Compartment Door Lock Assembly
2
W-B
W-B
T1
V(*2)
B(*2)
W
V(*2)
B(*2)
W

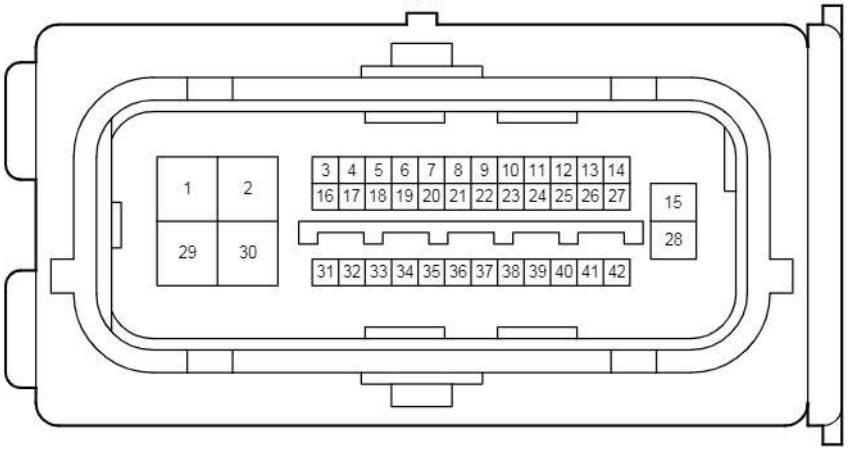

I64(S), I65(T), I66(U), I67(V), I147(W)
Radio & Display Receiver Assembly
W
G
25 D
24 D
CA1H
CA2H
CA2L
A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
BL
RV
MJ
PSFT
R
35 C
34 C
8 C
9 B
15 B
9 A
13 B
B (*2)
LG (*2)
W
P
V
B
L
3 EA3
5 EA3
1 EA2
7 EA3
2 IS2
13 IS2
14 IA4
B (*2)
LG (*2)
W
B
W
P
L
9
5
8
4
3
9
S21
Junction Connector
RV
MJ
+B
R
R
2
8
R (*2)
LG (*2)
E11
Shift Lever Position Sensor
1 IS2
12 IS2
R (*2)
LG (*2)
1 D
2 D
I186(A), I189(D)
Junction Connector
1 A
2 A
G (*2)
LG (*2)
9 IO1
8 IO1
V(*2)
B(*2)
W



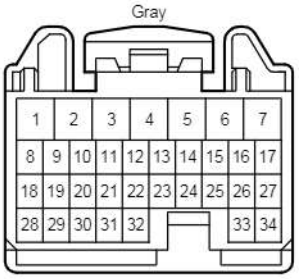
∗ 2 : w/ Parking Assist (Back Guide Monitor)

: There is no wire color information.

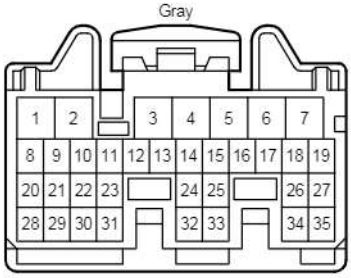
A 28
Black



A 38
Gray



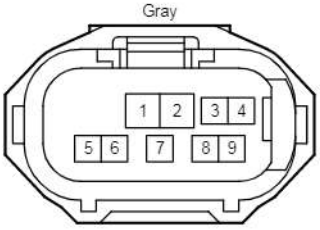
A 39
Gray



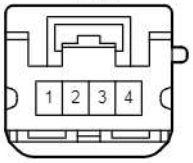
A 42
Black



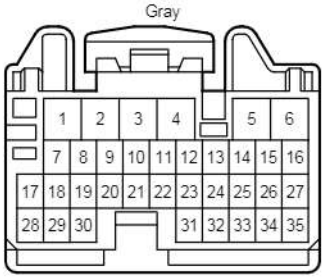
E 11
Gray



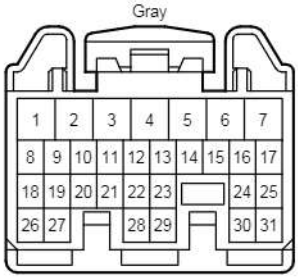
I 2
White



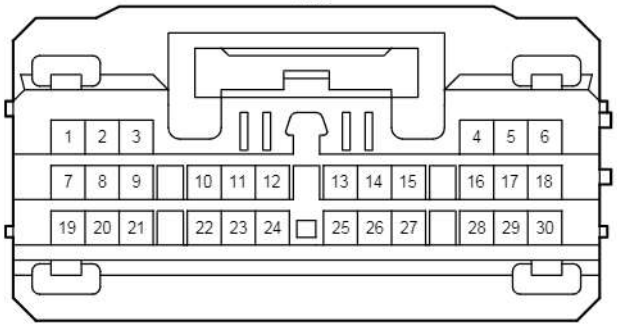
I 3
Gray



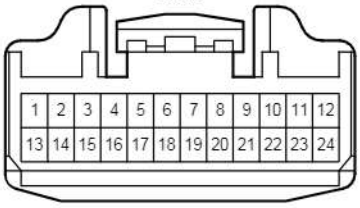
I 4
Gray



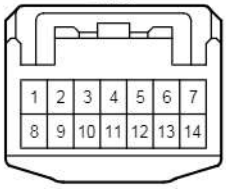
I 13
White



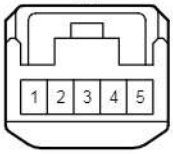
I 18
Black



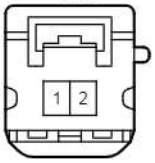
I 28
Black



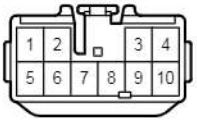
I 29
Blue



I 60
White



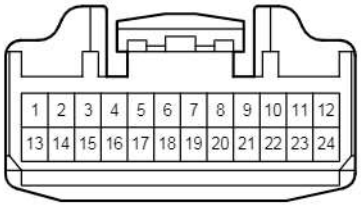
I 64
White



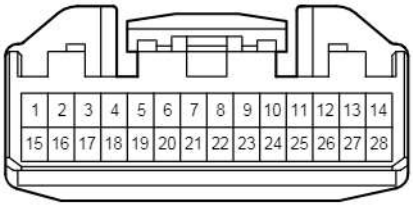
I 65
White



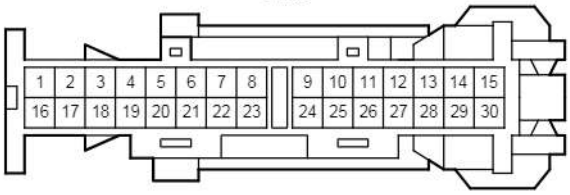
I 66
White



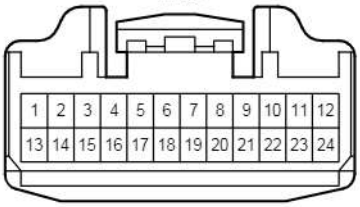
I 67
White



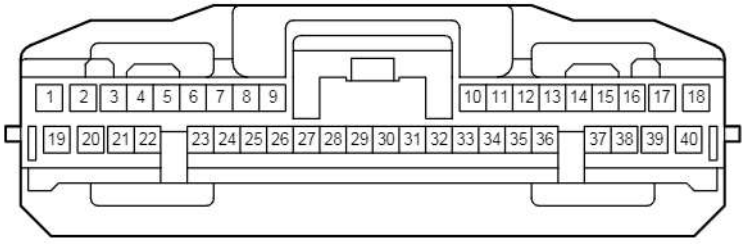
I 68
White



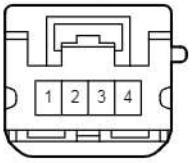
I 69
White



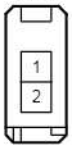
I 82
Black



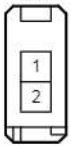
I 84
White



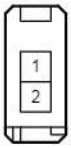
I 93
White



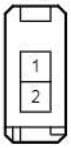
I 94
White



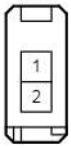
I 95
White



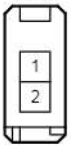
I 97
White



I101
White



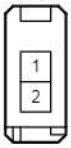
I107
White



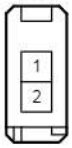
I109
White



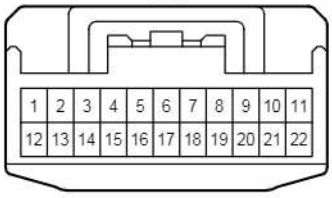
I110
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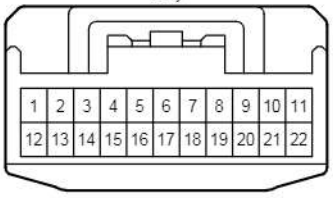
I111
White



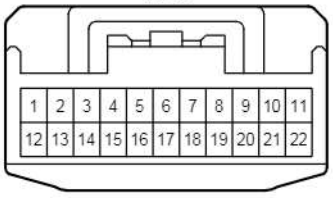
I124
White



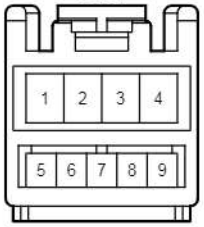
I125
Gray



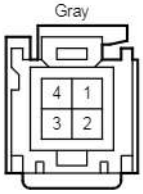
I126
White



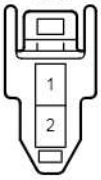
I146
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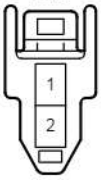
I147
Gray



I186
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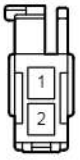
I189
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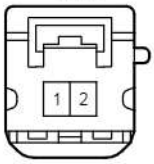
J 5
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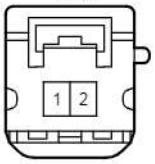
K 5
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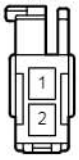
O 19
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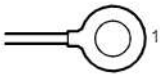
O 20
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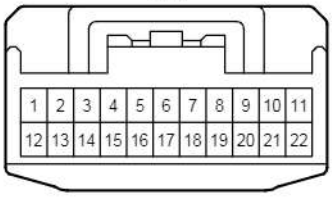
O 22
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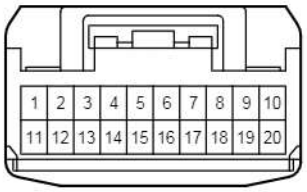
O 29



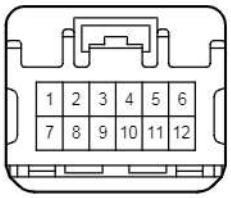
O 30
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S 12
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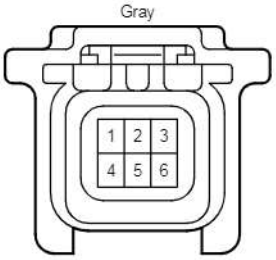
S 21
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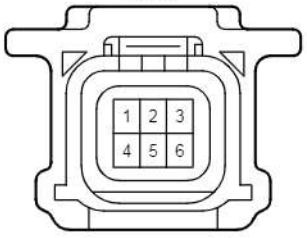
T 3
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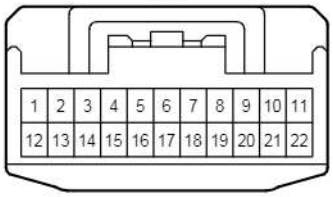
T 6
Gray



T 23
Black



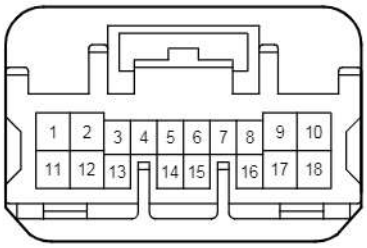
T 24
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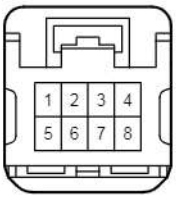
z 3
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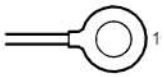
1F
White



1G
White



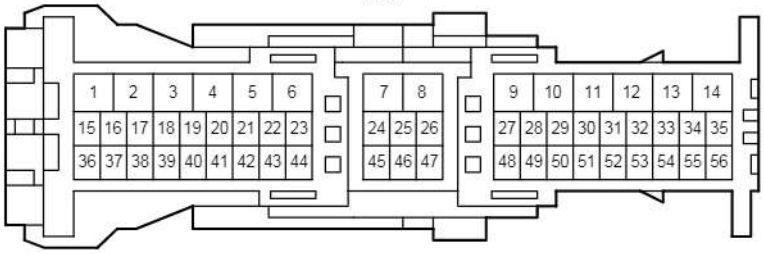
1I
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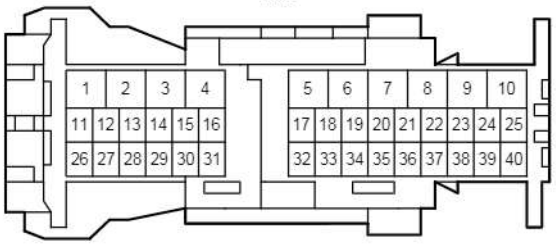
1M



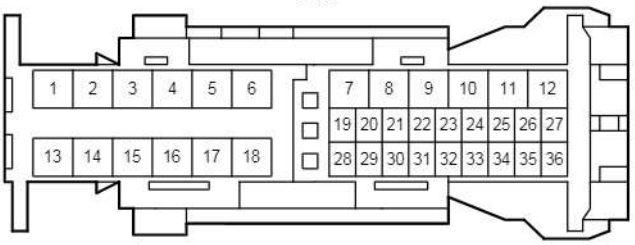
3A
White



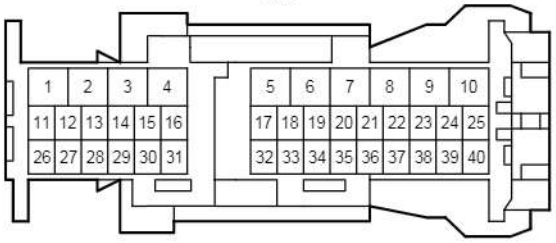
3B
White



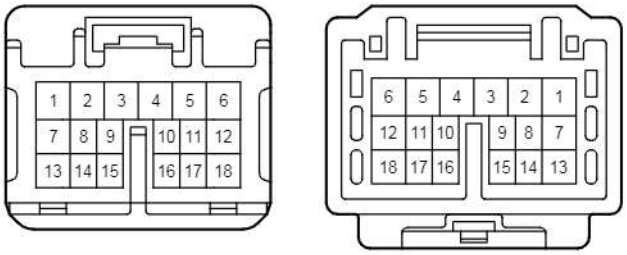
3C
White



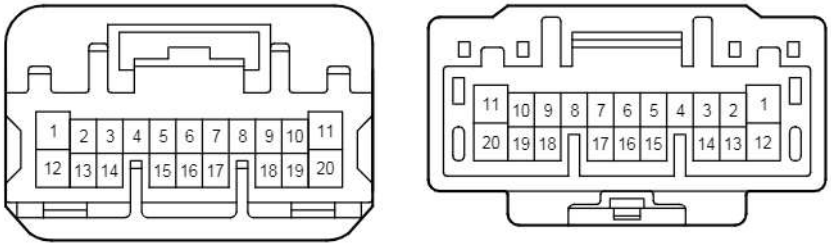
3D
White



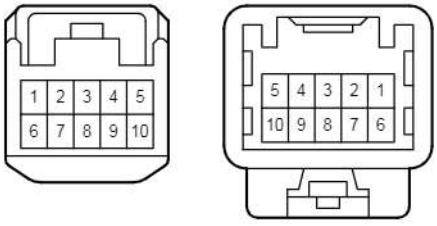
AA1
Blue



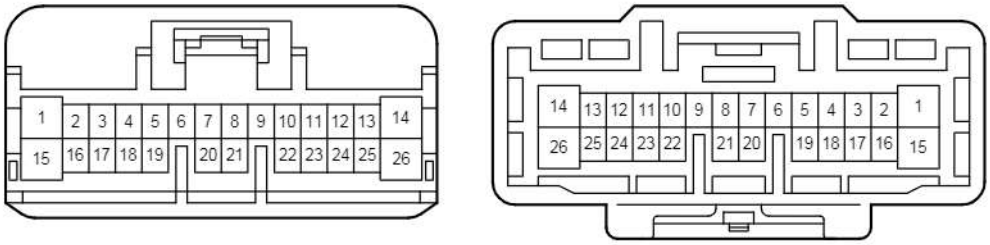
EA2
White



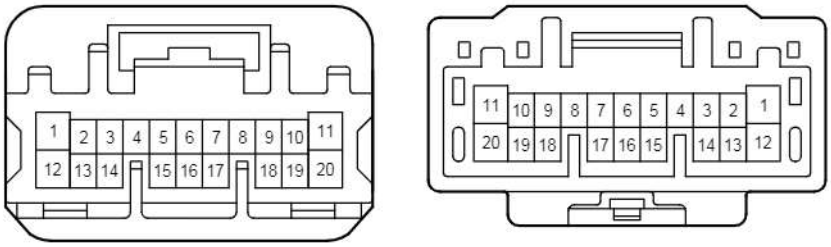
EA3
White



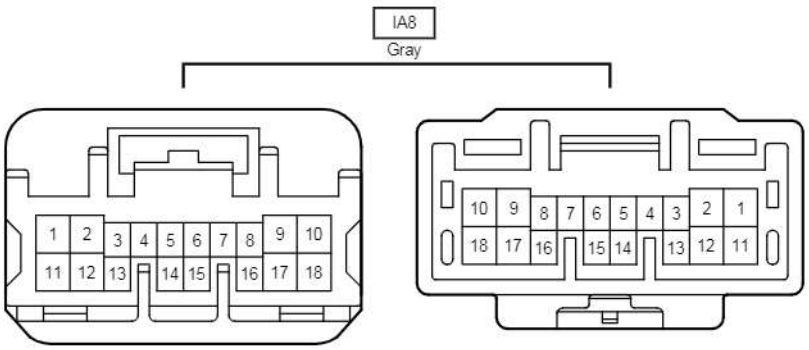
IA3
Blue



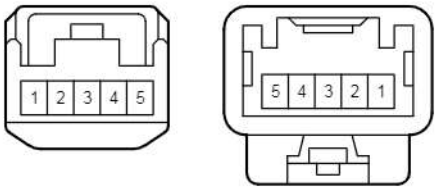
IA4
Gray



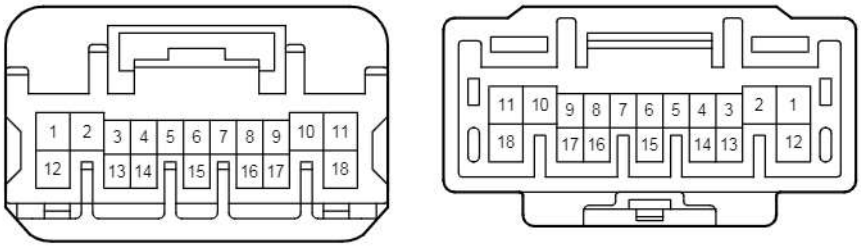
IA8
Gray



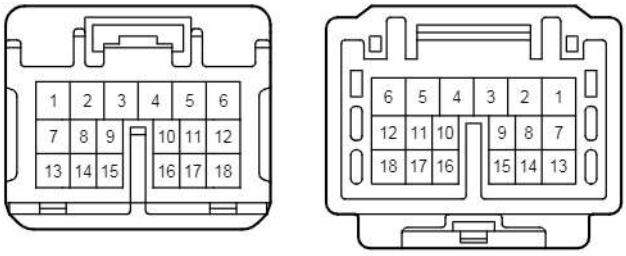
II2
White



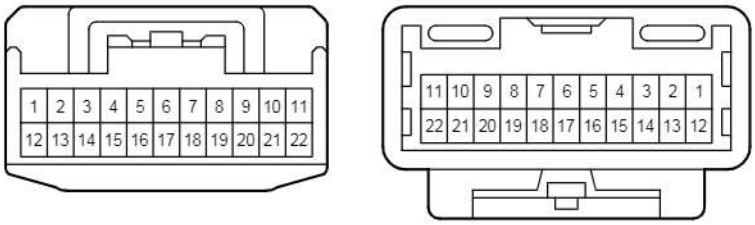
IO1
White



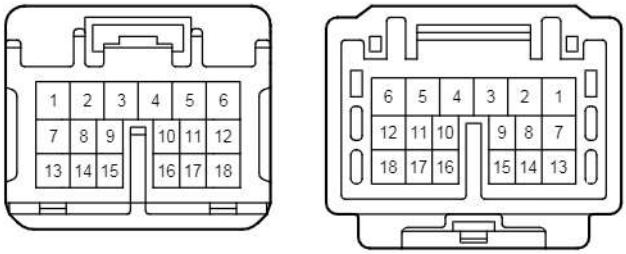
IS1
White



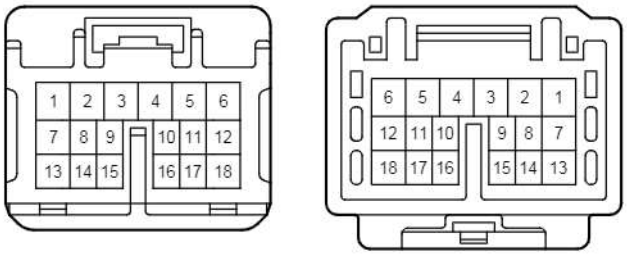
IS2
White



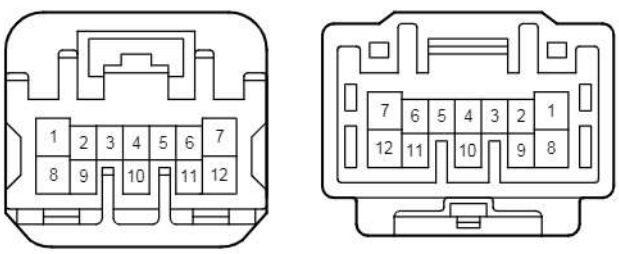
JI1
Gray

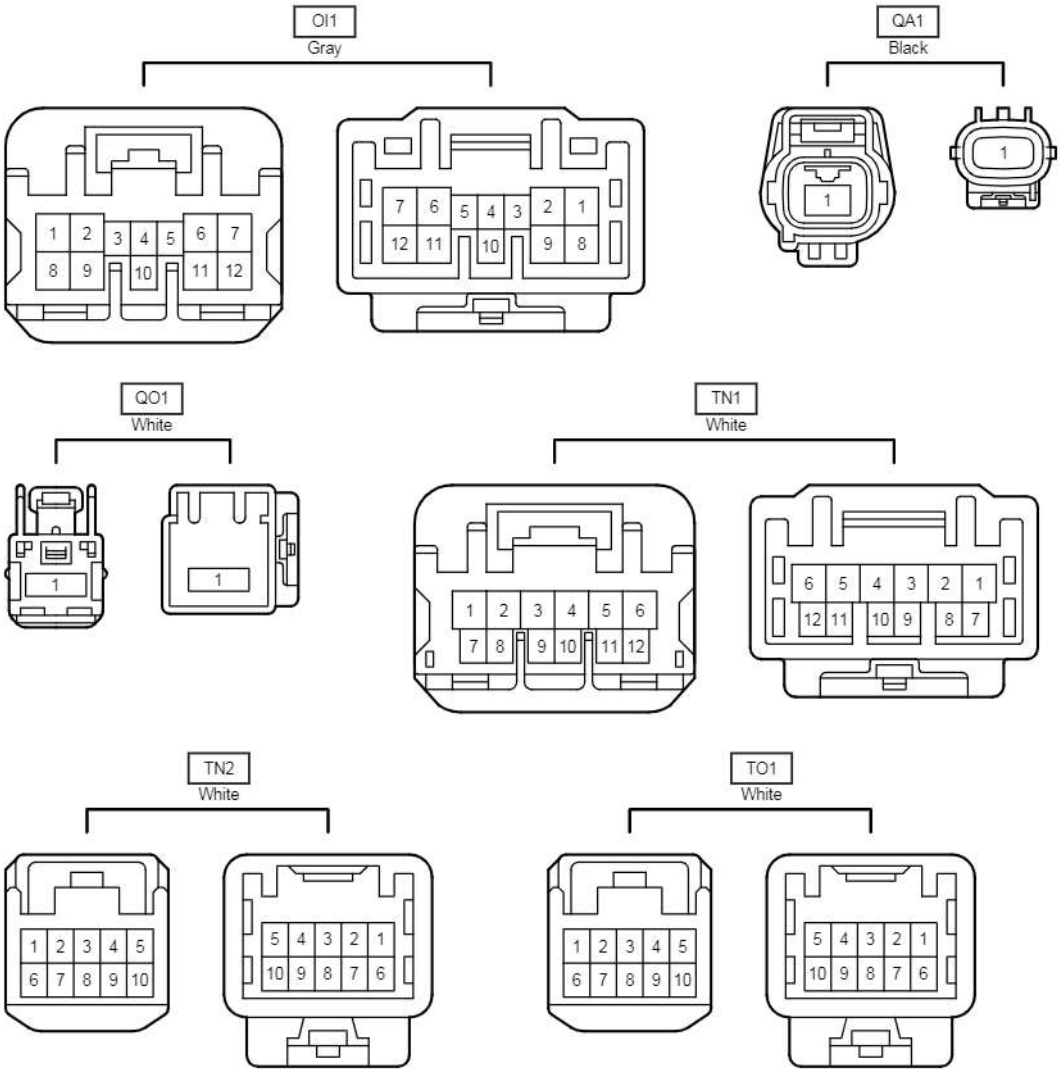


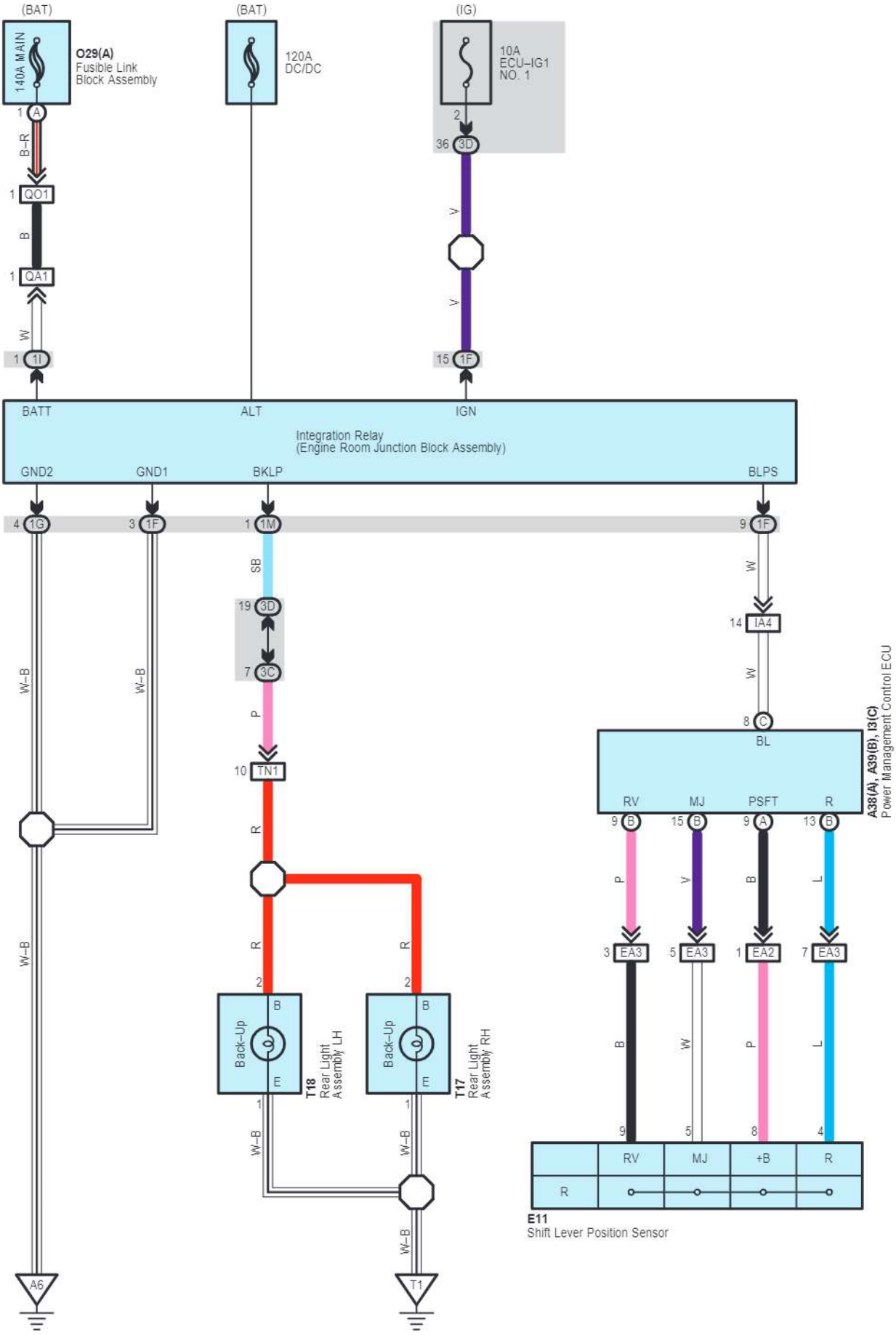
KI1
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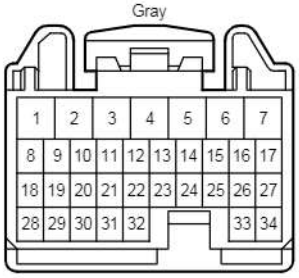
NI1
White



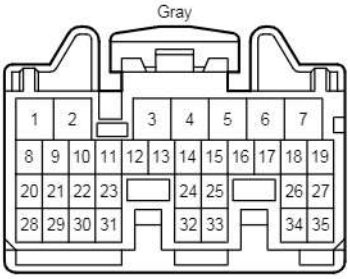

OI1
Gray
1 2 3 4 5 6 7
8 9 10 11 12
7 6 5 4 3 2 1
12 11 10 9 8
QA1
Black
1
1
QO1
White
1
1
TN1
White
1 2 3 4 5 6
7 8 9 10 11 12
6 5 4 3 2 1
12 11 10 9 8 7
TN2
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
TO1
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6


(BAT)
140A MAIN
O29(A)
Fusible Link
Block Assembly
1 A
B–R
1 QO1
B
1 QA1
W
1 1I
(BAT)
120A
DC/DC
(IG)
10A
ECU–IG1
NO. 1
2
36 3D
V
V
15 1F
BATT
ALT
IGN
Integration Relay
(Engine Room Junction Block Assembly)
GND2
GND1
BKLP
BLPS
4 1G
3 1F
1 1M
9 1F
SB
19 3D
7 3C
P
10 TN1
R
R
R
2
2
W
14 IA4
W
8 C
BL
A38(A), A39(B), I3(C)
Power Management Control ECU
RV
MJ
PSFT
R
9 B
15 B
9 A
13 B
P
V
B
L
3 EA3
5 EA3
1 EA2
7 EA3
B
W
P
L
9
5
8
4
RV
MJ
+B
R
R
E11
Shift Lever Position Sensor
W–B
W–B
W–B
W–B
W–B
Back–Up
B
E
1
T18
Rear Light
Assembly LH
Back–Up
B
E
1
T17
Rear Light
Assembly RH
A6
T1

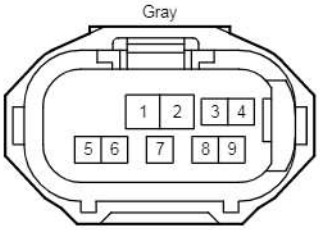
A 38
Gray



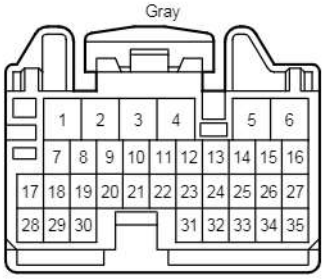
A 39
Gray



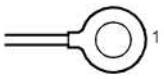
E 11
Gray



I 3
Gray



O 29



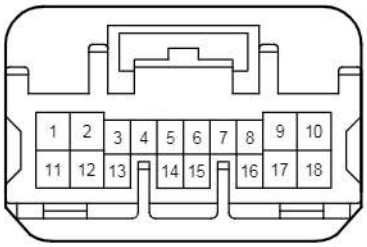
T 17
White



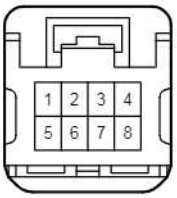
T 18
White



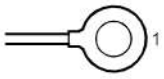
1F
White



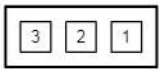
1G
White



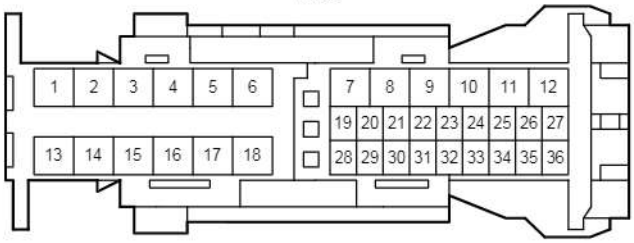
1I
White



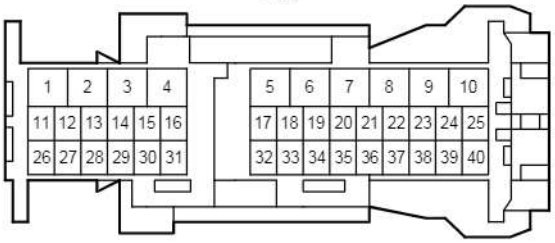
1M



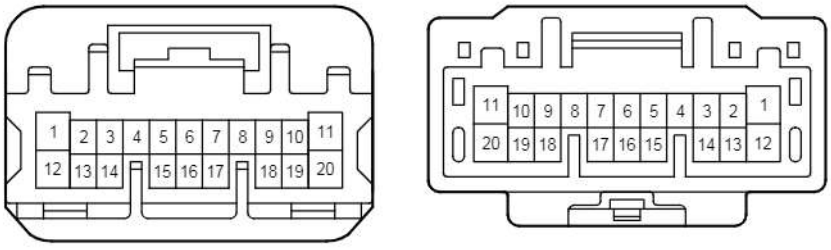
3C
White

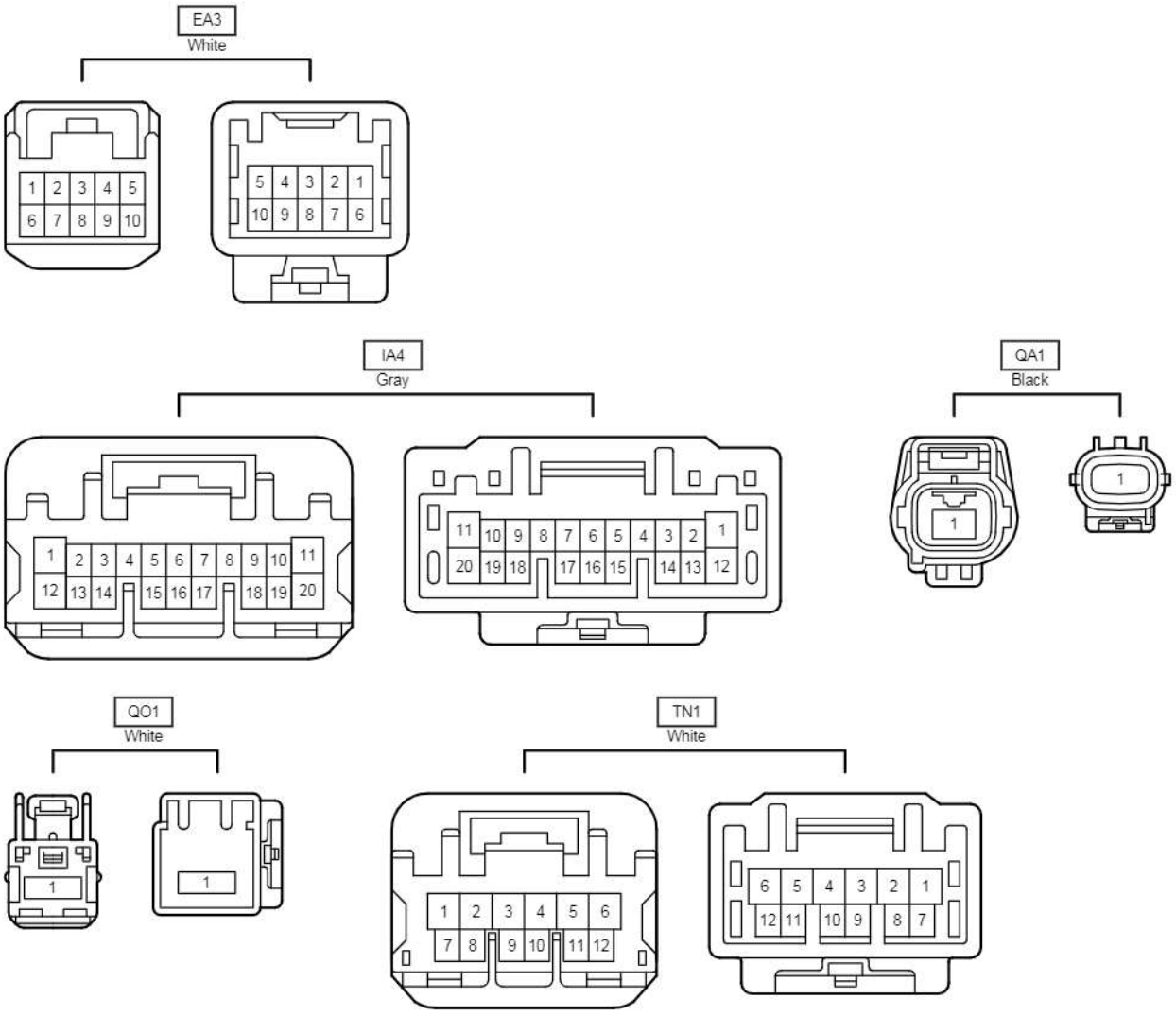


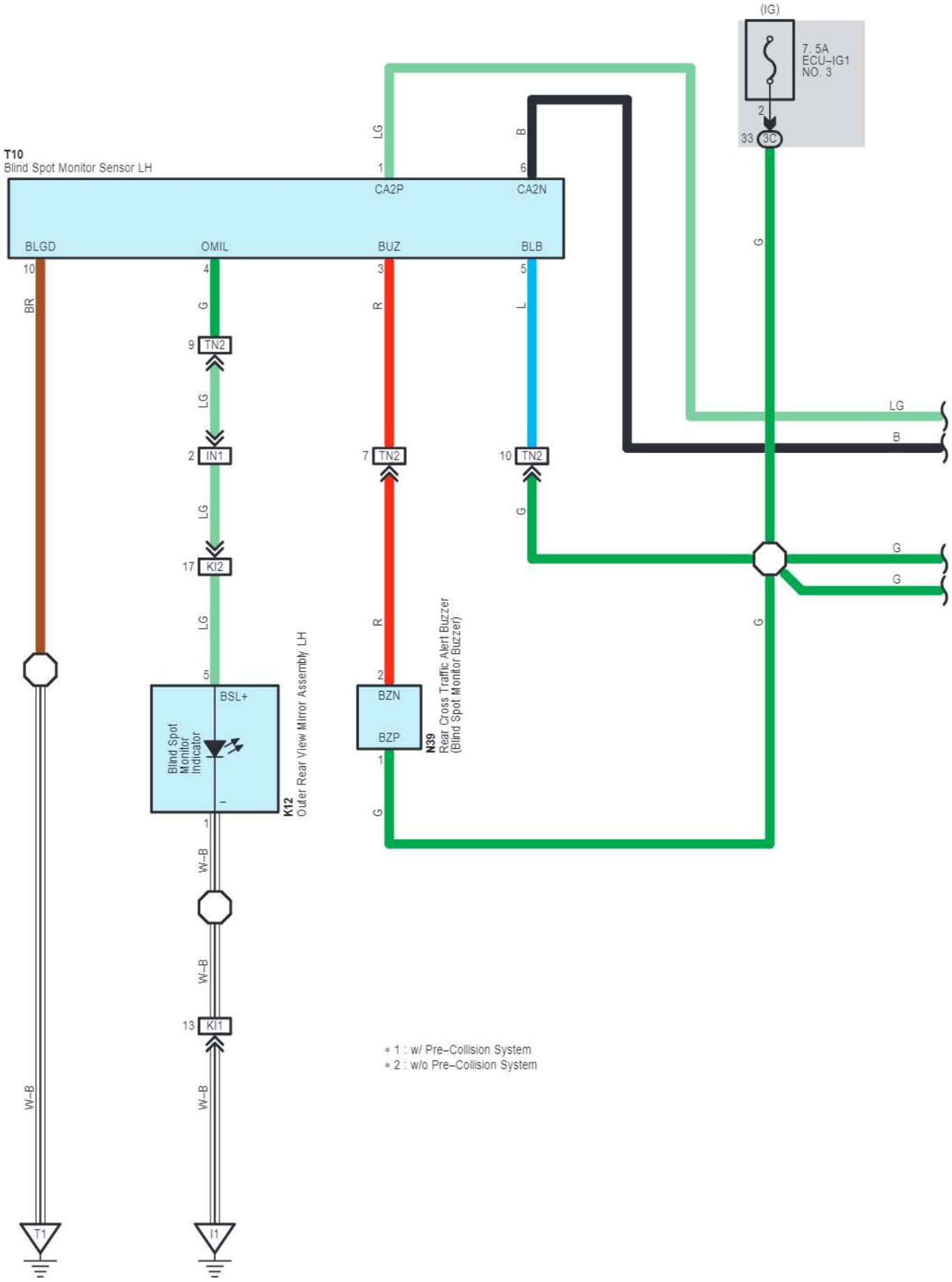
3D
White

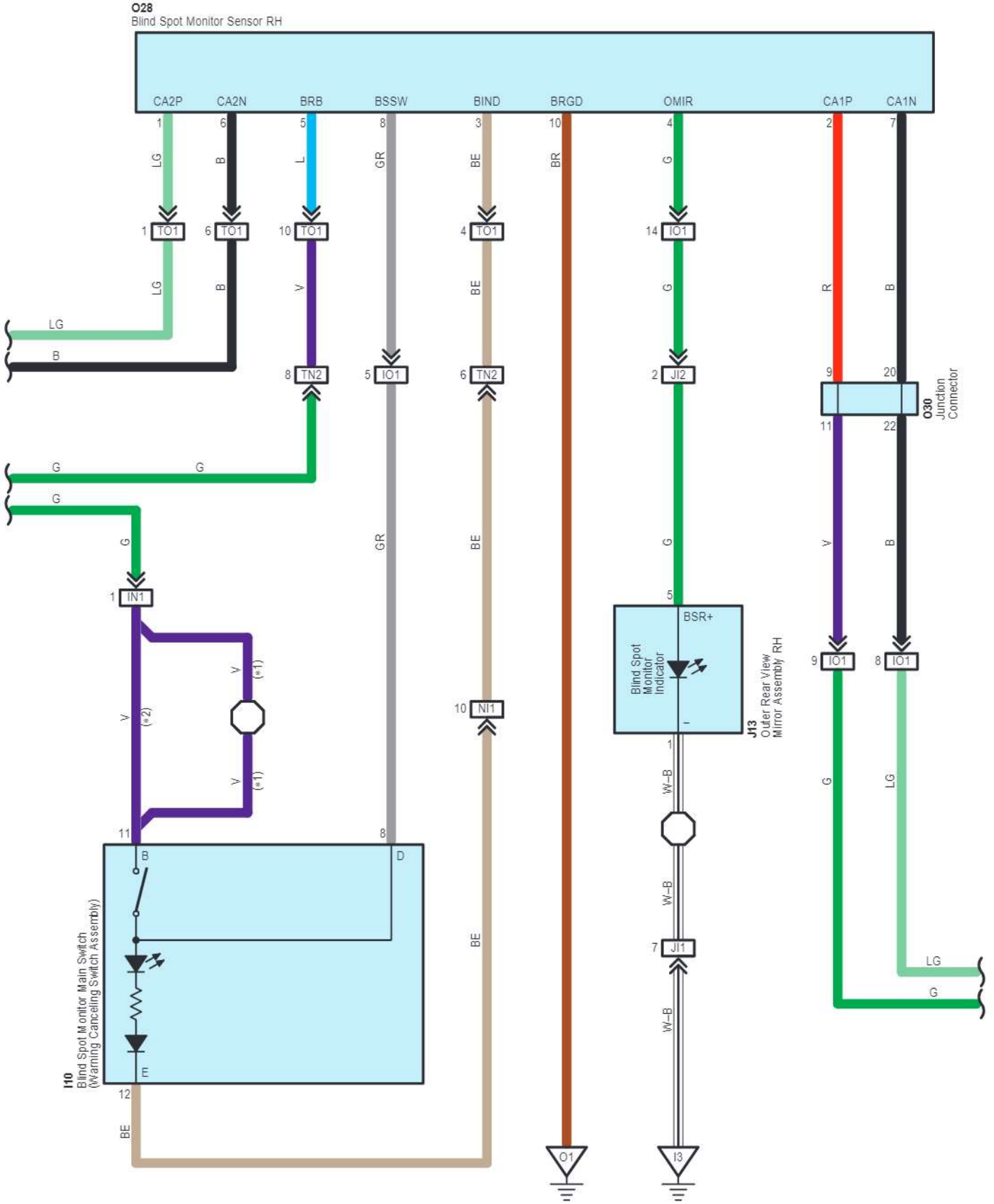


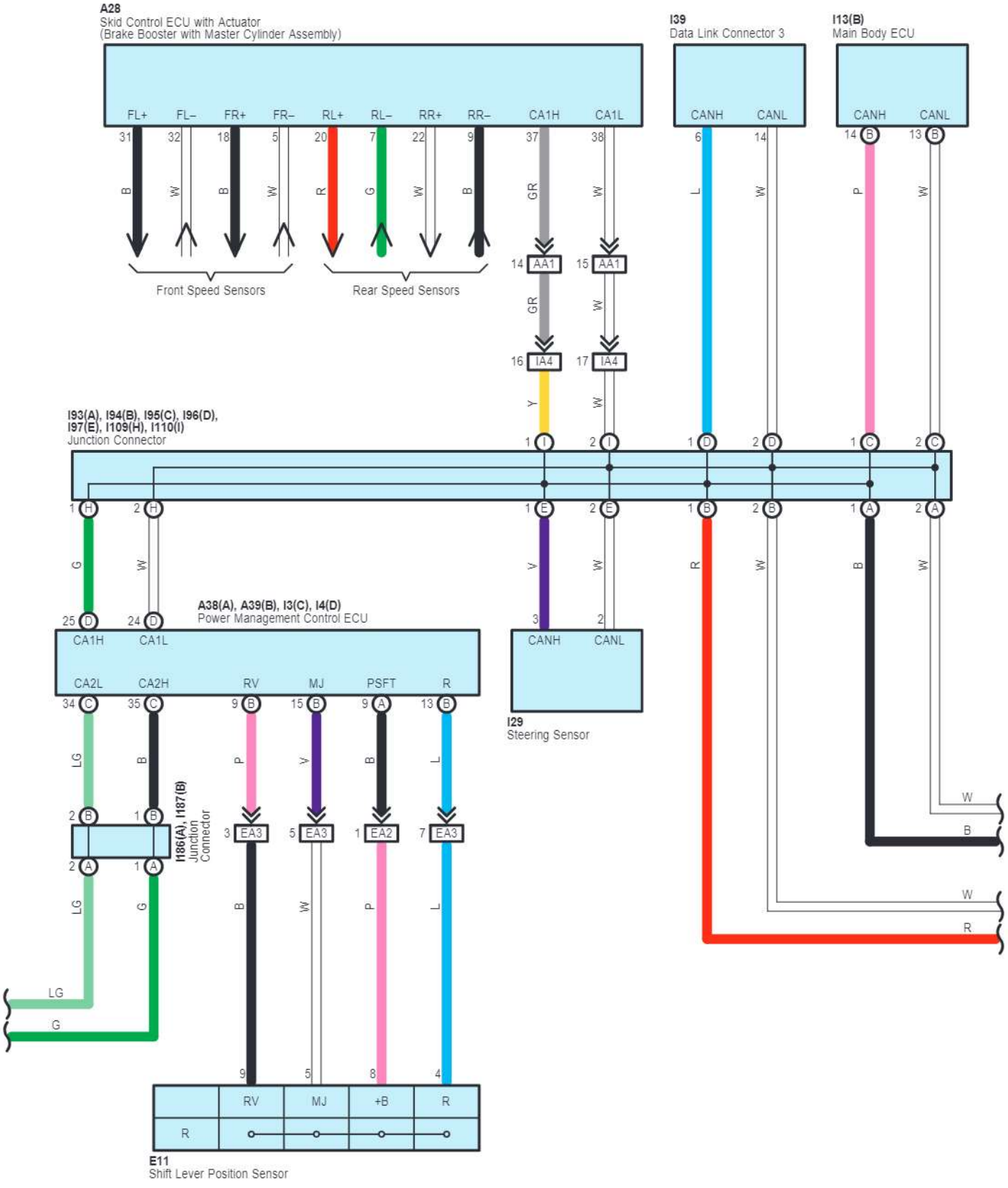
EA2
White

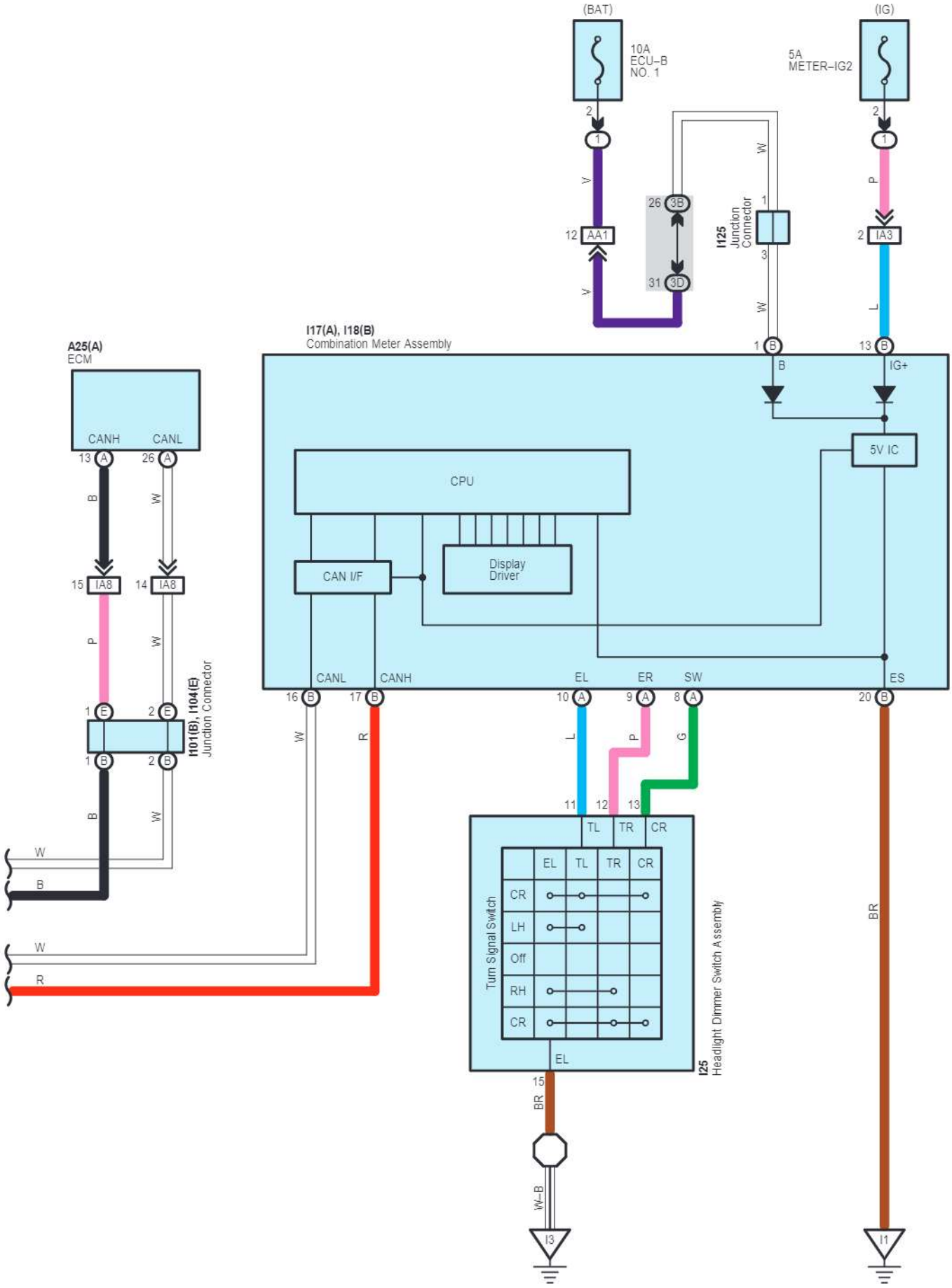



EA3
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
IA4
Gray
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12
QA1
Black
1
1
QO1
White
1
1
TN1
White
1 2 3 4 5 6
7 8 9 10 11 12
6 5 4 3 2 1
12 11 10 9 8 7

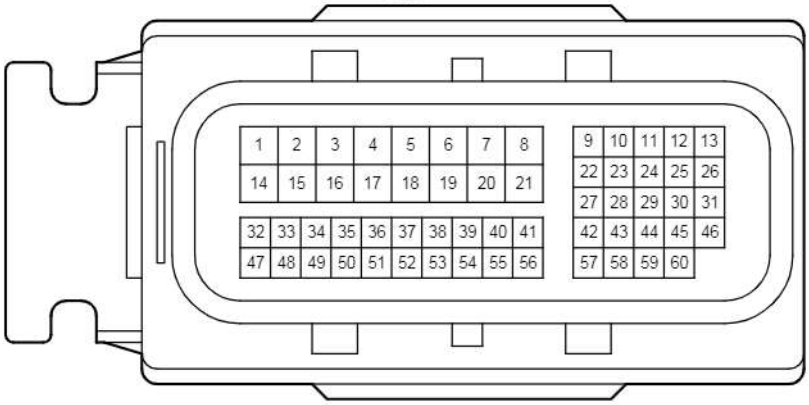

(IG)
7.5A
ECU-IG1
NO. 3
2
33 3C
T10
Blind Spot Monitor Sensor LH
LG
1
CA2P
B
6
CA2N
BLGD
OMIL
BUZ
BLB
10
BR
4
G
3
R
5
L
9 TN2
LG
2 IN1
LG
17 KI2
LG
7 TN2
10 TN2
G
LG
B
G
G
G
G
5
BSL+
Blind Spot Monitor Indicator
-
K12
Outer Rear View Mirror Assembly LH
R
2
BZN
BZP
1
N39
Rear Cross Traffic Alert Buzzer
(Blind Spot Monitor Buzzer)
G
1
W-B
W-B
13 KI1
W-B
W-B
T1
I1
* 1 : w/ Pre-Collision System
* 2 : w/o Pre-Collision System


O28
Blind Spot Monitor Sensor RH
CA2P
CA2N
BRB
BSSW
BIND
BRGD
OMIR
CA1P
CA1N
TO1
TN2
IO1
NI1
JI2
JI1
IN1
O30
Junction Connector
J13
Outer Rear View Mirror Assembly RH
Blind Spot Monitor Indicator
BSR+
I10
Blind Spot Monitor Main Switch (Warning Canceling Switch Assembly)
O1
I3

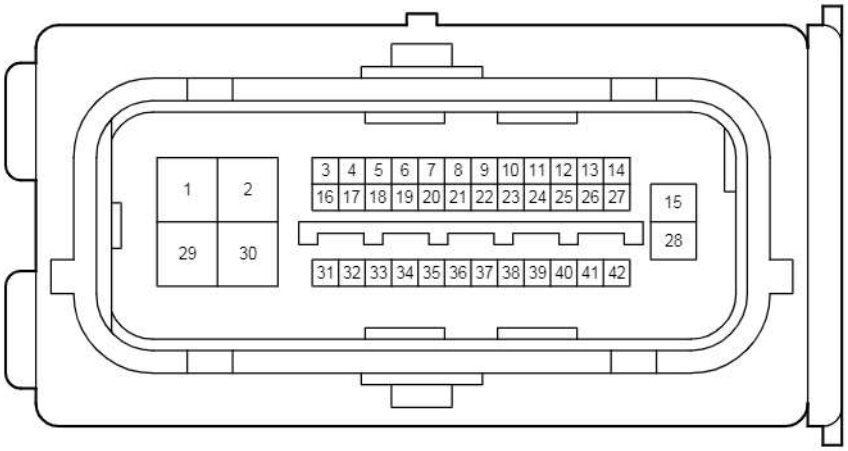

A28
Skid Control ECU with Actuator
(Brake Booster with Master Cylinder Assembly)
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
CA1H
CA1L
Front Speed Sensors
Rear Speed Sensors
I39
Data Link Connector 3
CANH
CANL
I13(B)
Main Body ECU
AA1
IA4
I93(A), I94(B), I95(C), I96(D),
I97(E), I109(H), I110(I)
Junction Connector
A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
CA2L
CA2H
RV
MJ
PSFT
I186(A), I187(B)
Junction Connector
EA3
EA2
I29
Steering Sensor
E11
Shift Lever Position Sensor
+B


(BAT)
10A
ECU-B
NO. 1
(IG)
5A
METER-IG2
I125
Junction
Connector
I17(A), I18(B)
Combination Meter Assembly
A25(A)
ECM
CANH
CANL
CPU
CAN I/F
Display
Driver
5V IC
B
IG+
ES
EL
ER
SW
I101(B), I104(E)
Junction Connector
Turn Signal Switch
TL
TR
CR
LH
RH
Off
I25
Headlight Dimmer Switch Assembly
I3
I1

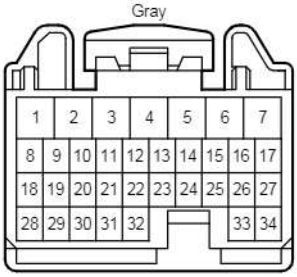
A 25
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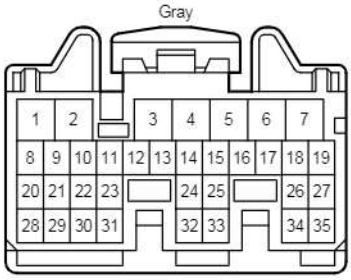
A 28
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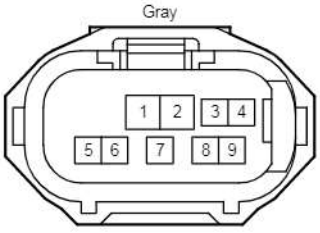
A 38
Gray



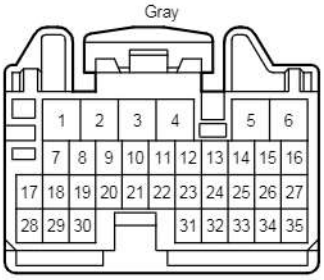
A 39
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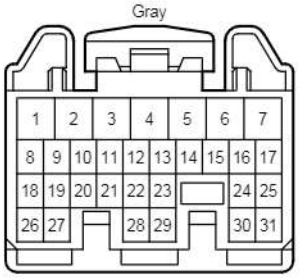
E 11
Gray



I 3
Gray



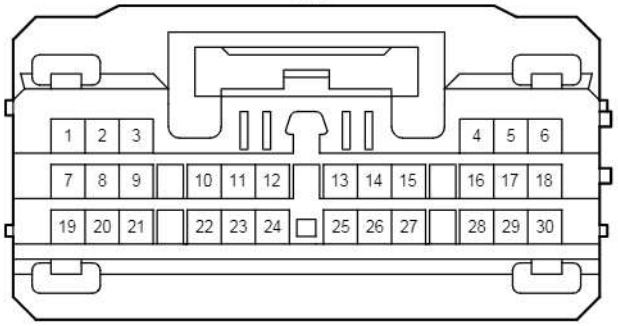
I 4
Gray



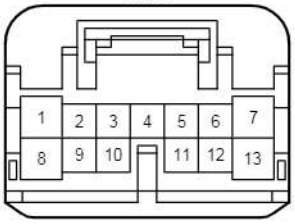
I 10
Black



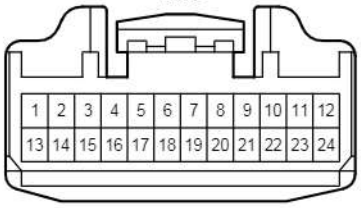
I 13
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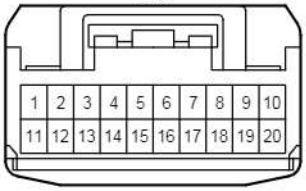
I 17
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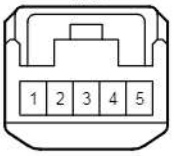
I 18
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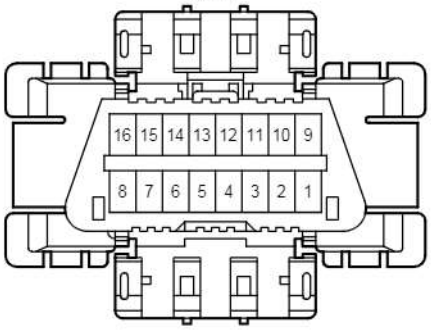
I 25
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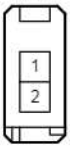
I 29
Blue



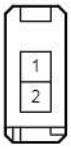
I 39
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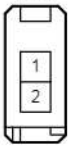
I 93
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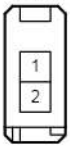
I 94
White



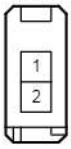
I 95
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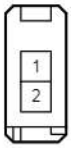
I 96
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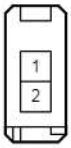
I 97
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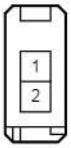
I101
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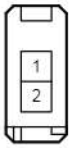
I104
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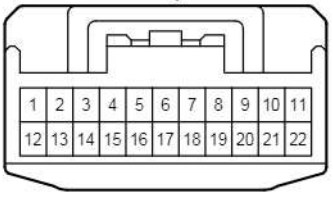
I109
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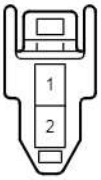
I110
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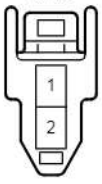
I125
Gray



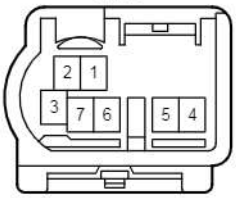
I186
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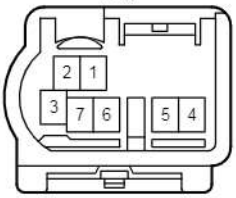
I187
White



J 13
White



K 12
White



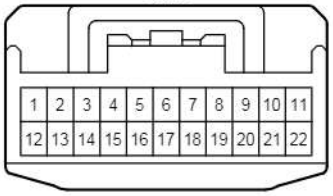
N 39
Black



O 28
Black



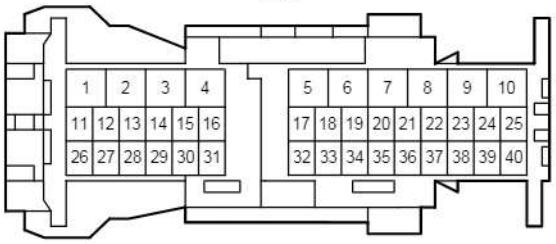
O 30
Black



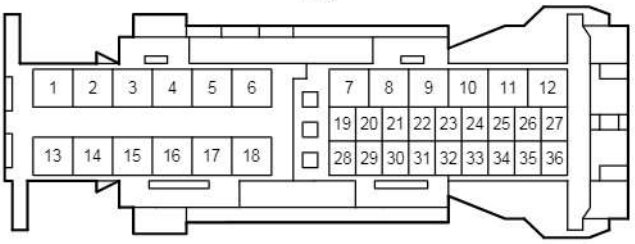
T 10
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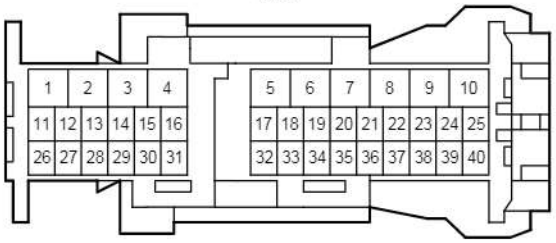
3B
White



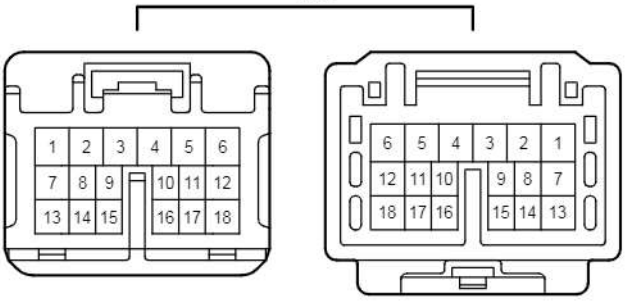
3C
White



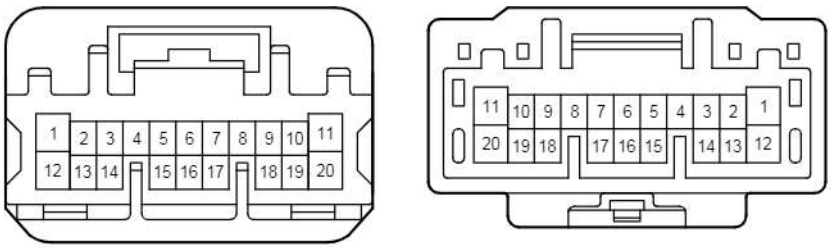
3D
White



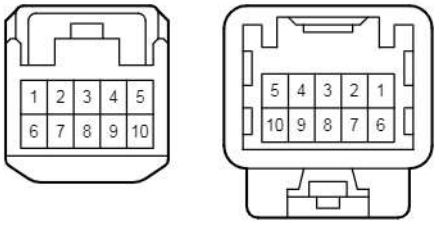
AA1
Blue



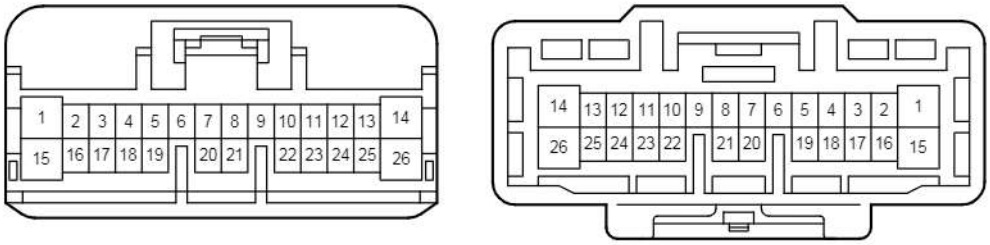
EA2
White



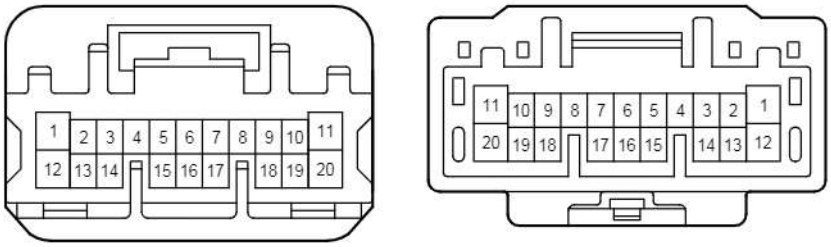
EA3
White



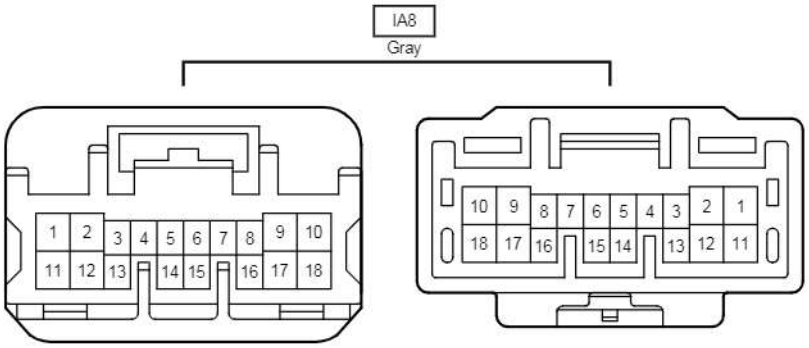
IA3
Blue



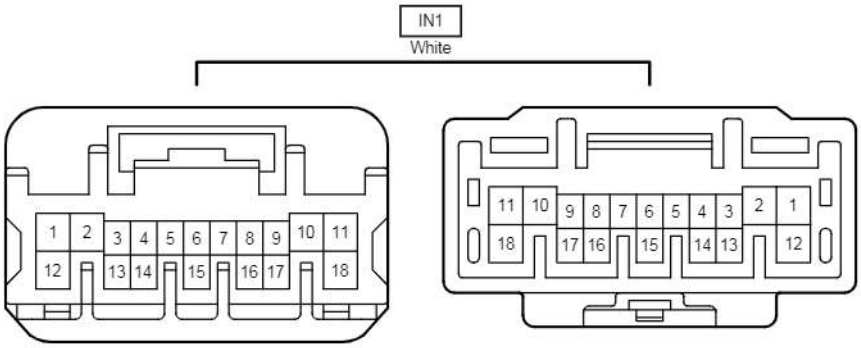
IA4
Gray



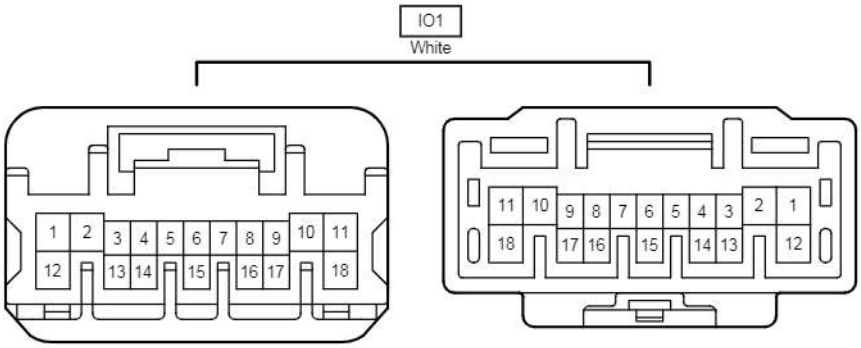
IA8
Gray



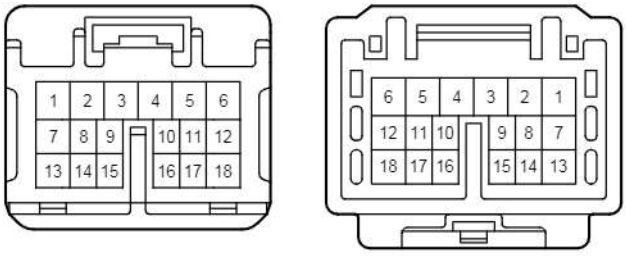
IN1
White



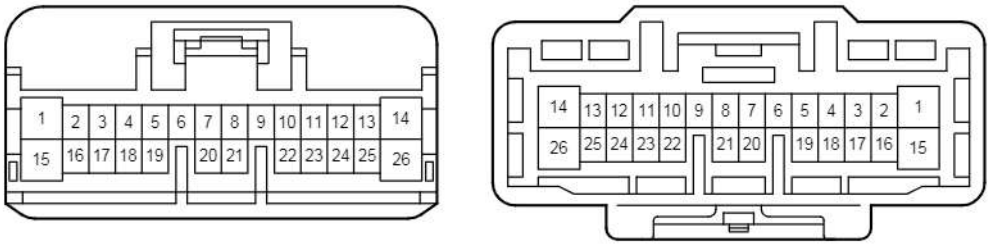
IO1
White



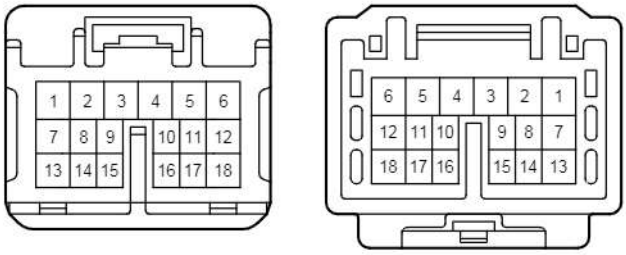
JI1
Gray



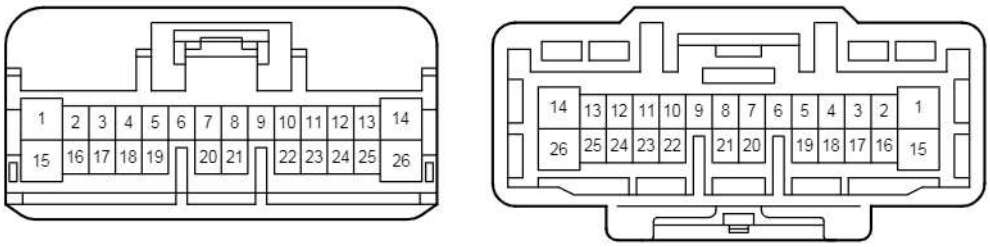
JI2
Blue



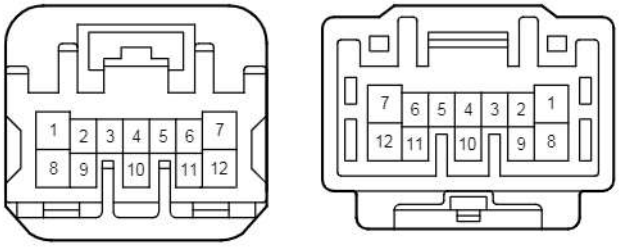
KI1
White



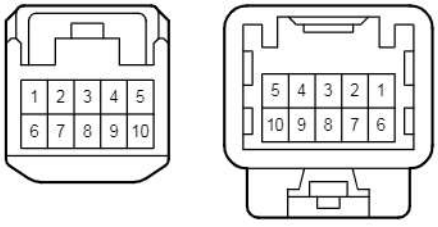
KI2
White

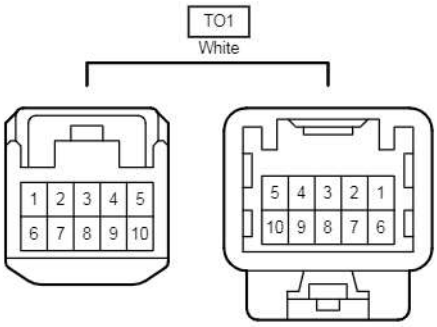


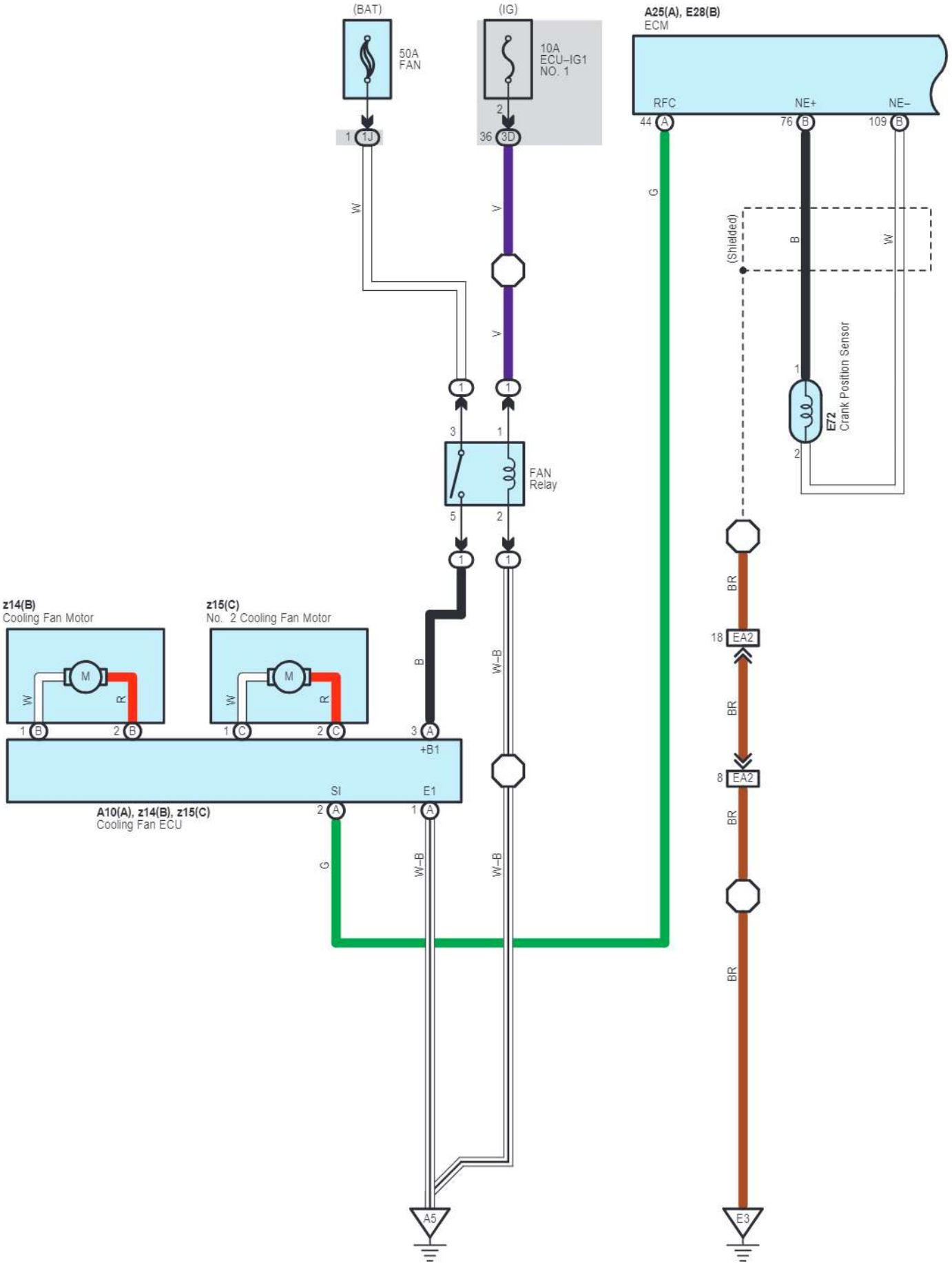
NI1
White

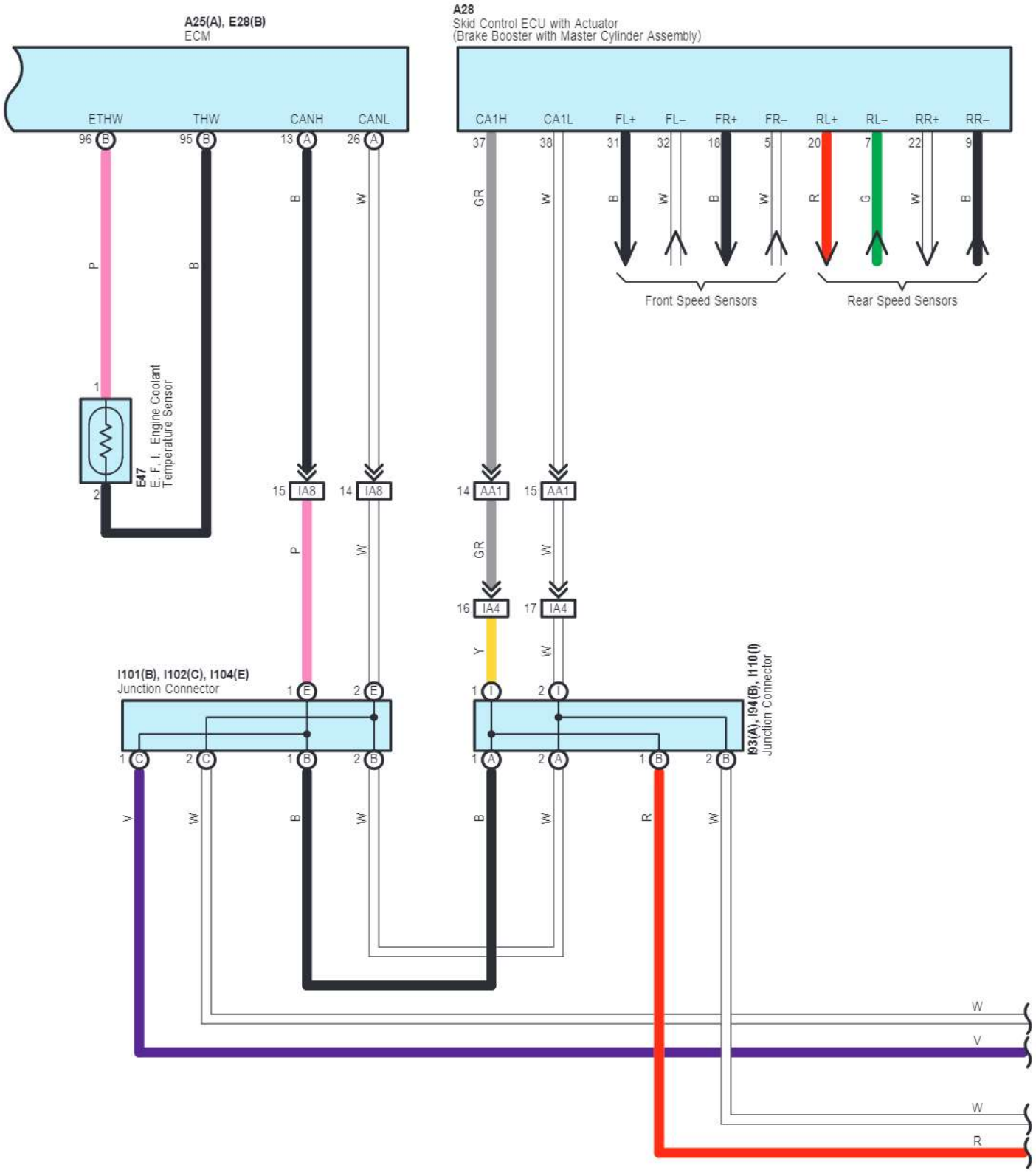


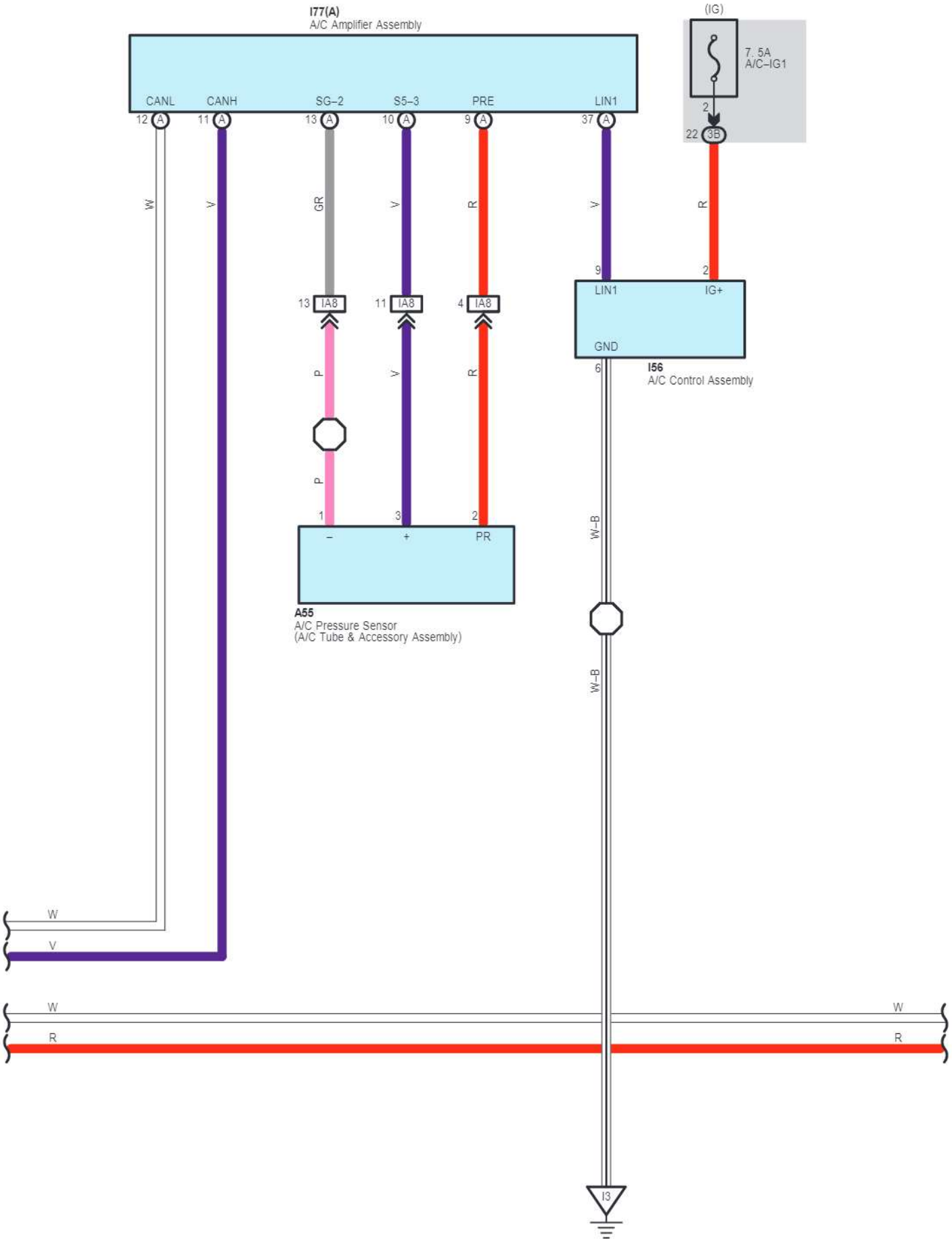
TN2
White

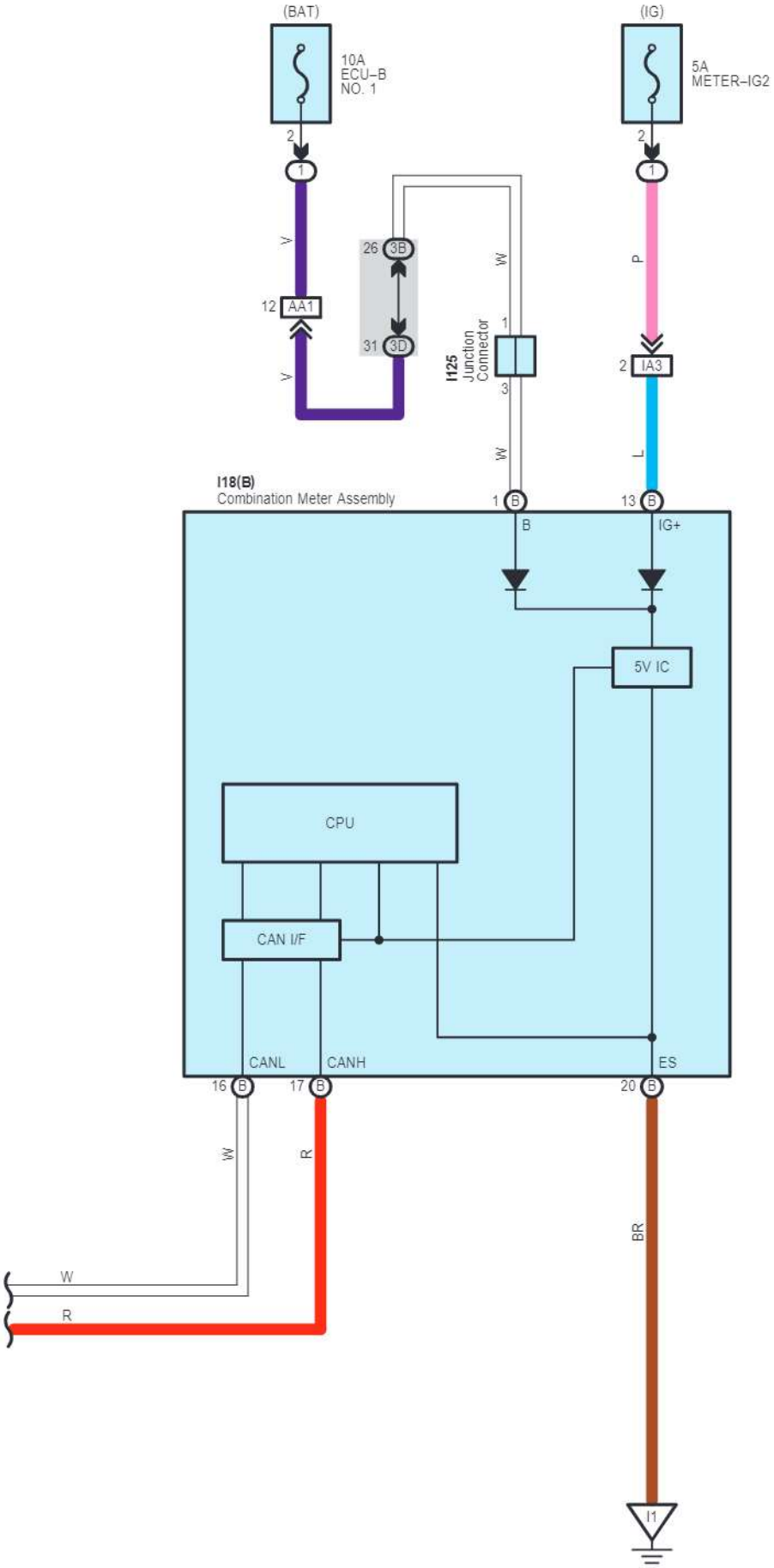



TO1
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

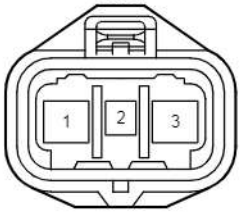

(BAT)
50A
FAN
(IG)
10A
ECU–IG1
NO. 1
A25(A), E28(B)
ECM
RFC
NE+
NE–
44 A
76 B
109 B
1 1J
36 3D
2
W
V
V
G
(Shielded)
B
W
1
E72
Crank Position Sensor
2
1
1
3
1
FAN
Relay
5
2
1
1
z14(B)
Cooling Fan Motor
z15(C)
No. 2 Cooling Fan Motor
M
M
W
R
W
R
1 B
2 B
1 C
2 C
3 A
+B1
B
W–B
BR
18 EA2
BR
8 EA2
BR
BR
SI
E1
2 A
1 A
A10(A), z14(B), z15(C)
Cooling Fan ECU
G
W–B
W–B
A5
E3


A25(A), E28(B)
ECM
A28
Skid Control ECU with Actuator
(Brake Booster with Master Cylinder Assembly)
ETHW
THW
CANH
CANL
CA1H
CA1L
FL+
FL−
FR+
FR−
RL+
RL−
RR+
RR−
Front Speed Sensors
Rear Speed Sensors
E47
E. F. I. Engine Coolant Temperature Sensor
I101(B), I102(C), I104(E)
Junction Connector
I93(A), I94(B), I110(I)
Junction Connector

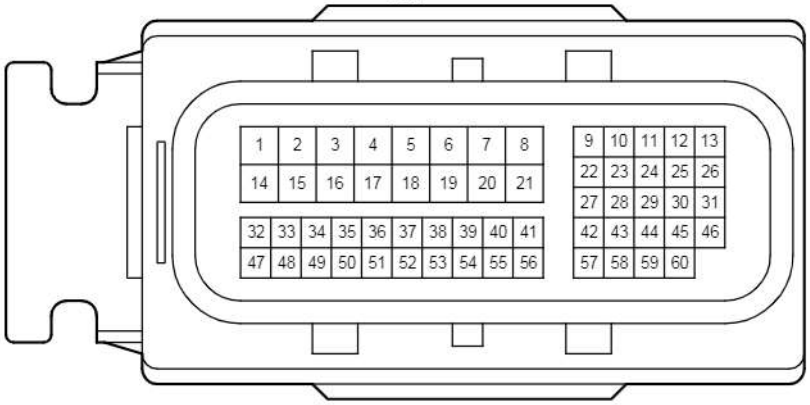

I77(A)
A/C Amplifier Assembly
CANL
CANH
SG–2
S5–3
PRE
LIN1
12 A
11 A
13 A
10 A
9 A
37 A
W
V
GR
V
R
V
13 IA8
11 IA8
4 IA8
P
P
V
R
1
3
2
–
+
PR
A55
A/C Pressure Sensor
(A/C Tube & Accessory Assembly)
(IG)
7. 5A
A/C–IG1
2
22 3B
R
9
2
LIN1
IG+
GND
6
I56
A/C Control Assembly
W–B
W–B
I3
W
V
W
R
W
R


(BAT)
10A
ECU-B
NO. 1
2
1
V
12 AA1
V
26 3B
31 3D
W
I125
Junction
Connector
1
3
W
(IG)
5A
METER-IG2
2
1
P
2 IA3
L
I18(B)
Combination Meter Assembly
1 B
13 B
B
IG+
5V IC
CPU
CAN I/F
CANL
CANH
ES
16 B
17 B
20 B
W
R
BR
W
R
I1

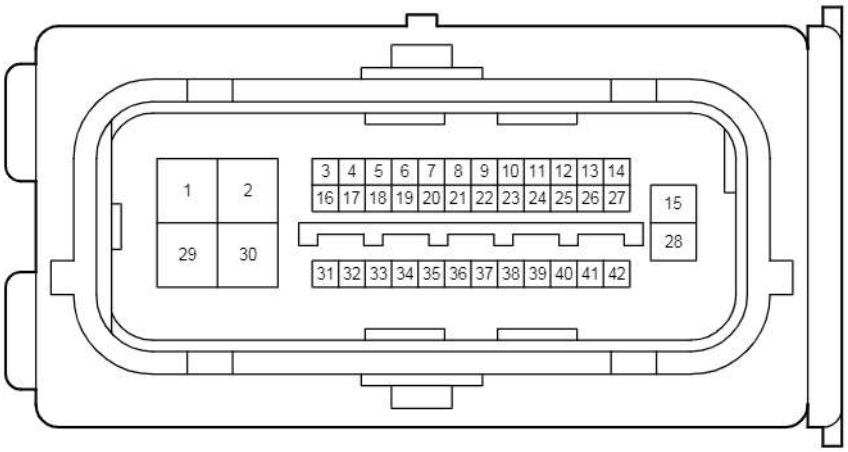
A 10
Black



A 25
Black



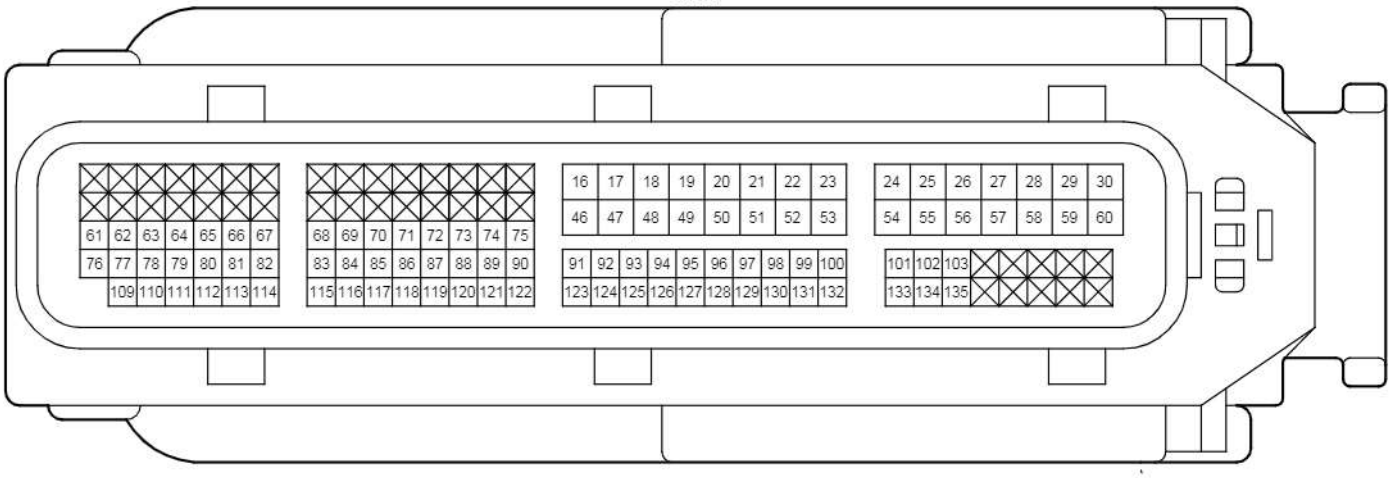
A 28
Black



A 55
Black



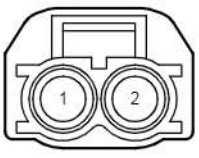
E 28
Black



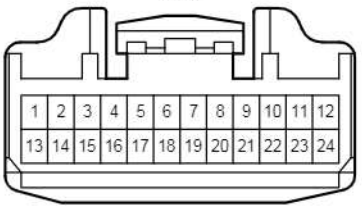
E 47
Black



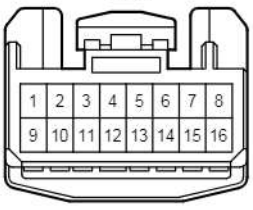
E 72
Black



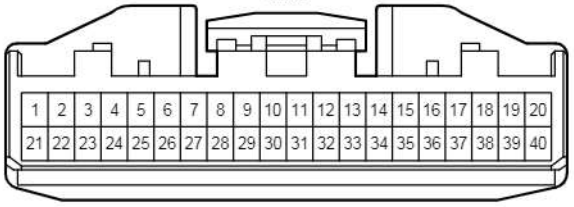
I 18
Black



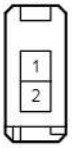
I 56
Black



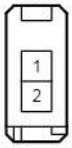
I 77
White



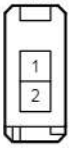
I 93
White



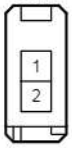
I 94
White



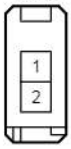
I101
White



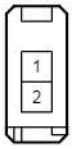
I102
White



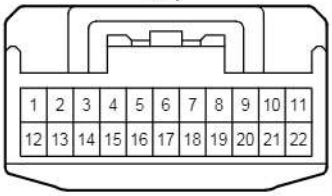
I104
White



I110
White



I125
Gray



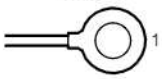
z 14
Gray



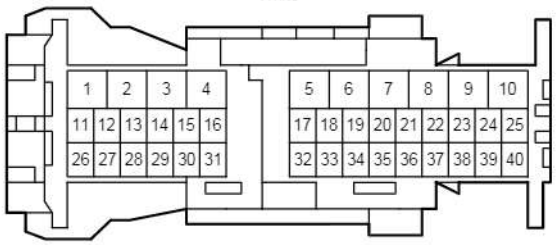
z 15
Gray



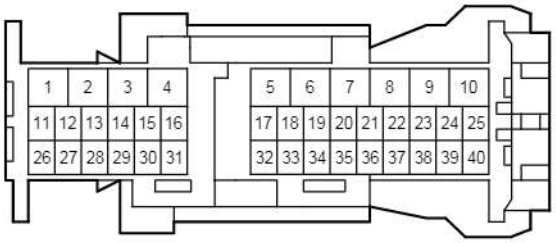
1J
White



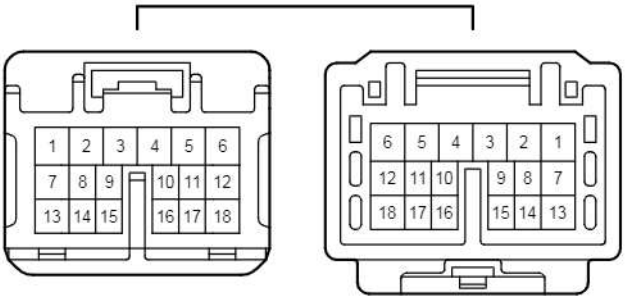
3B
White



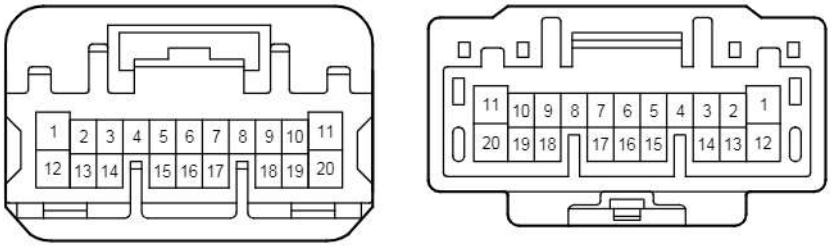
3D
White

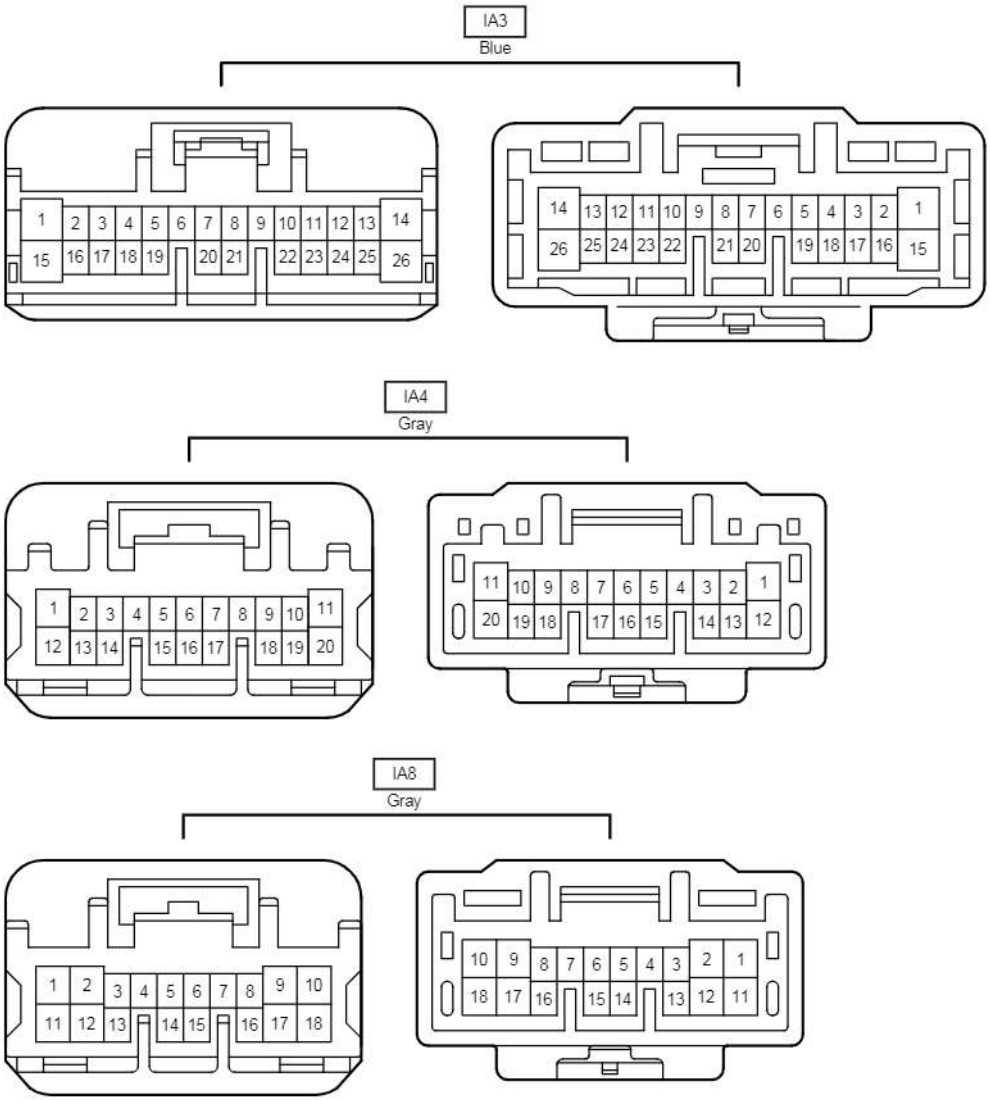


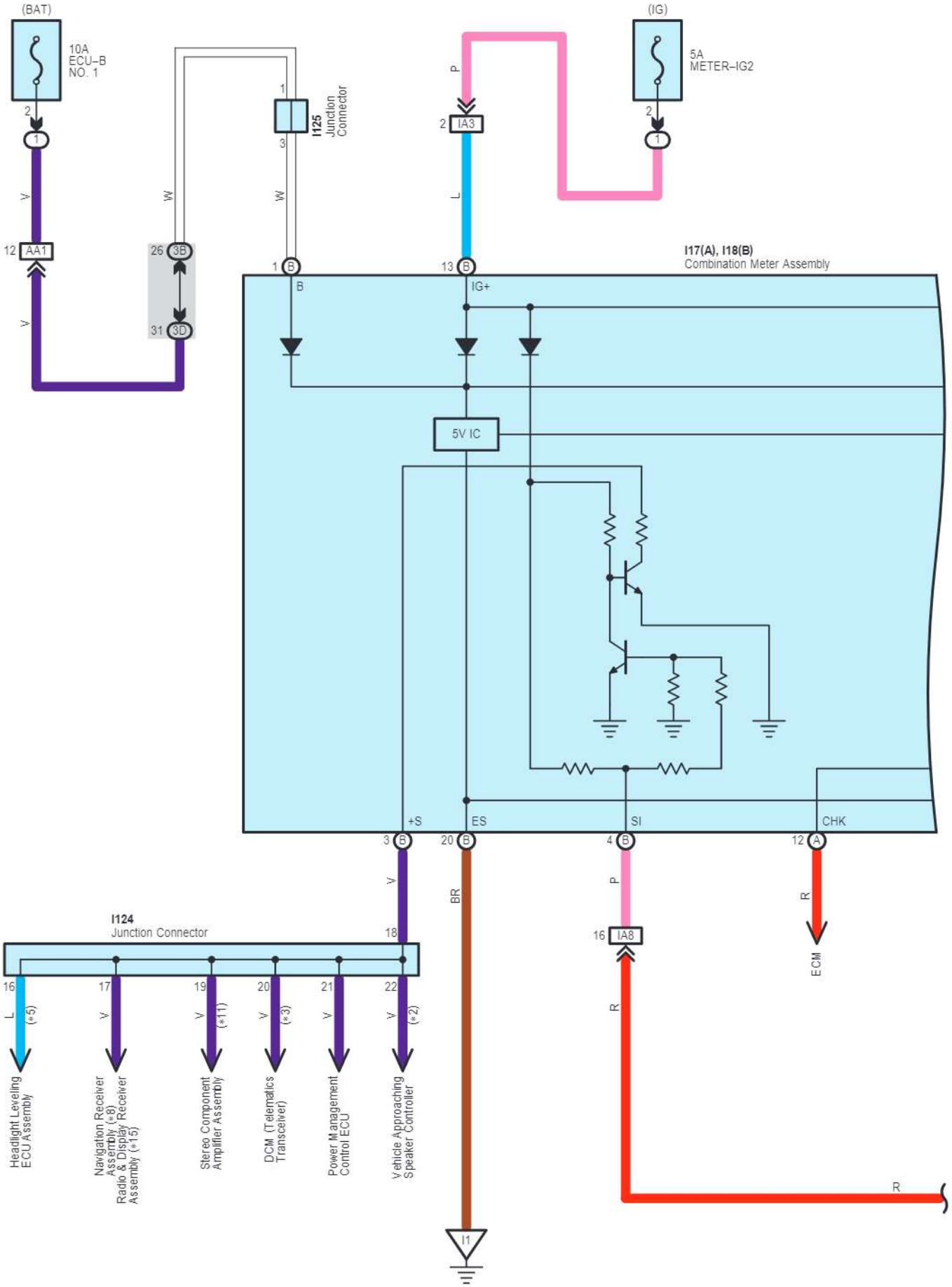
AA1
Blue

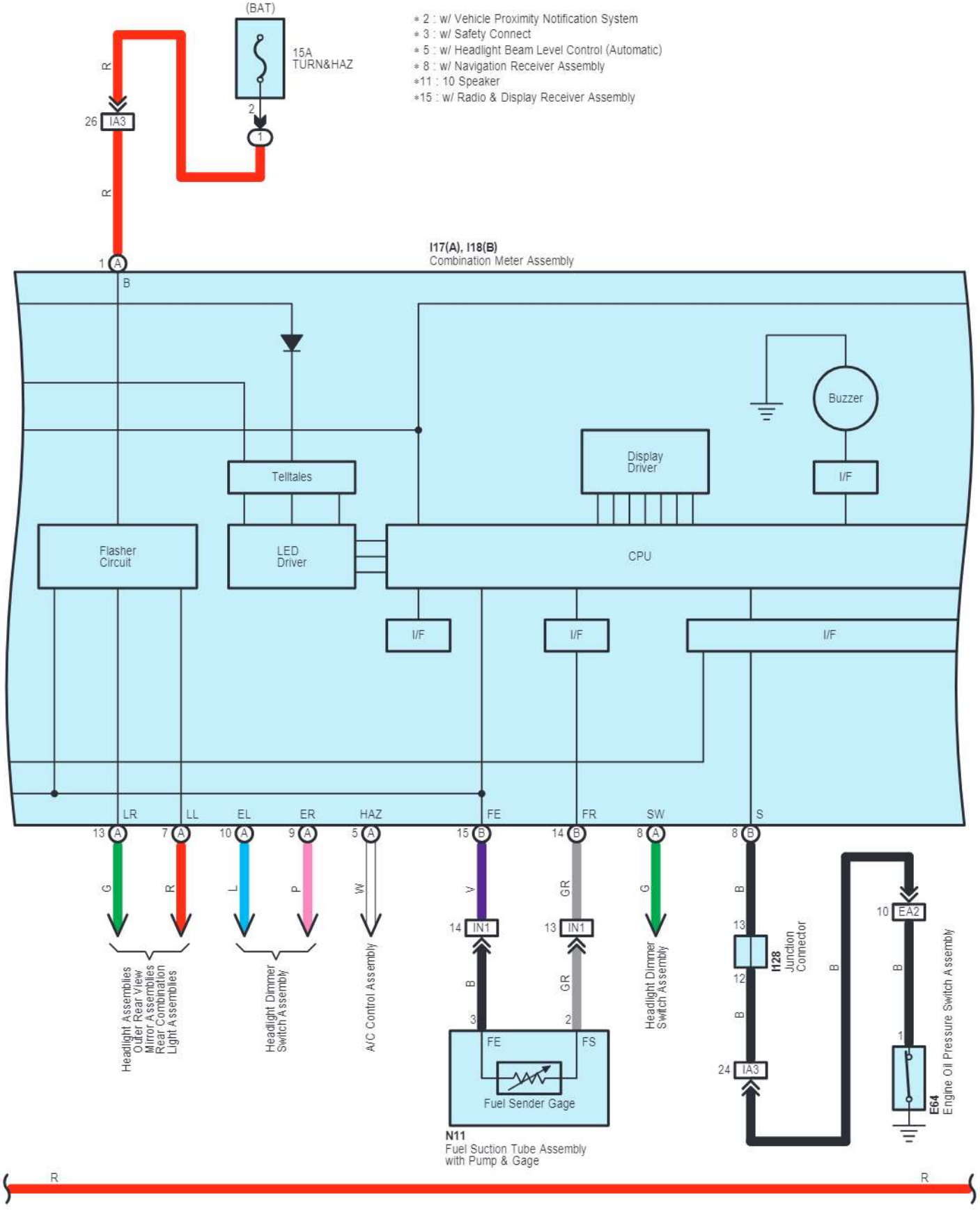


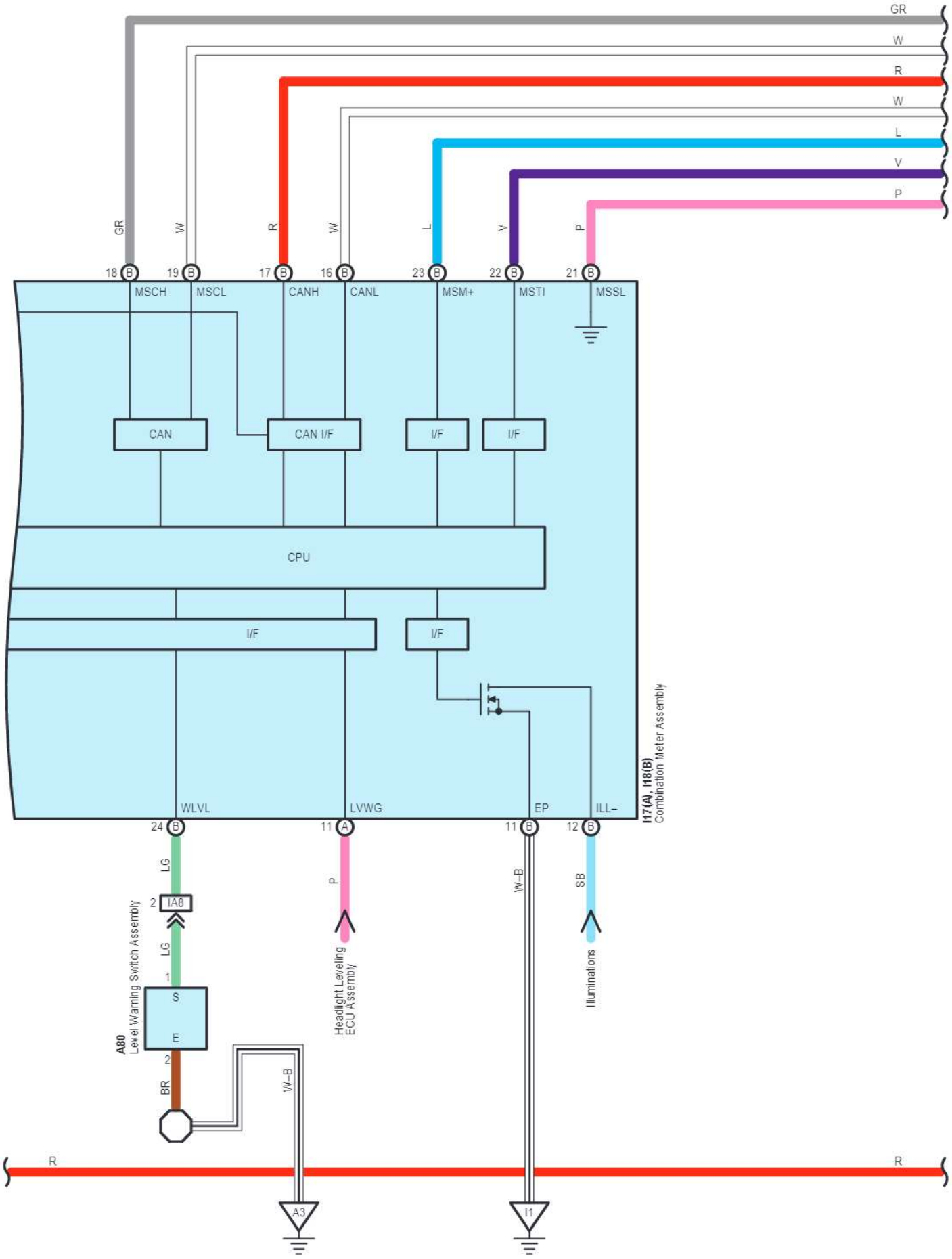
EA2
White

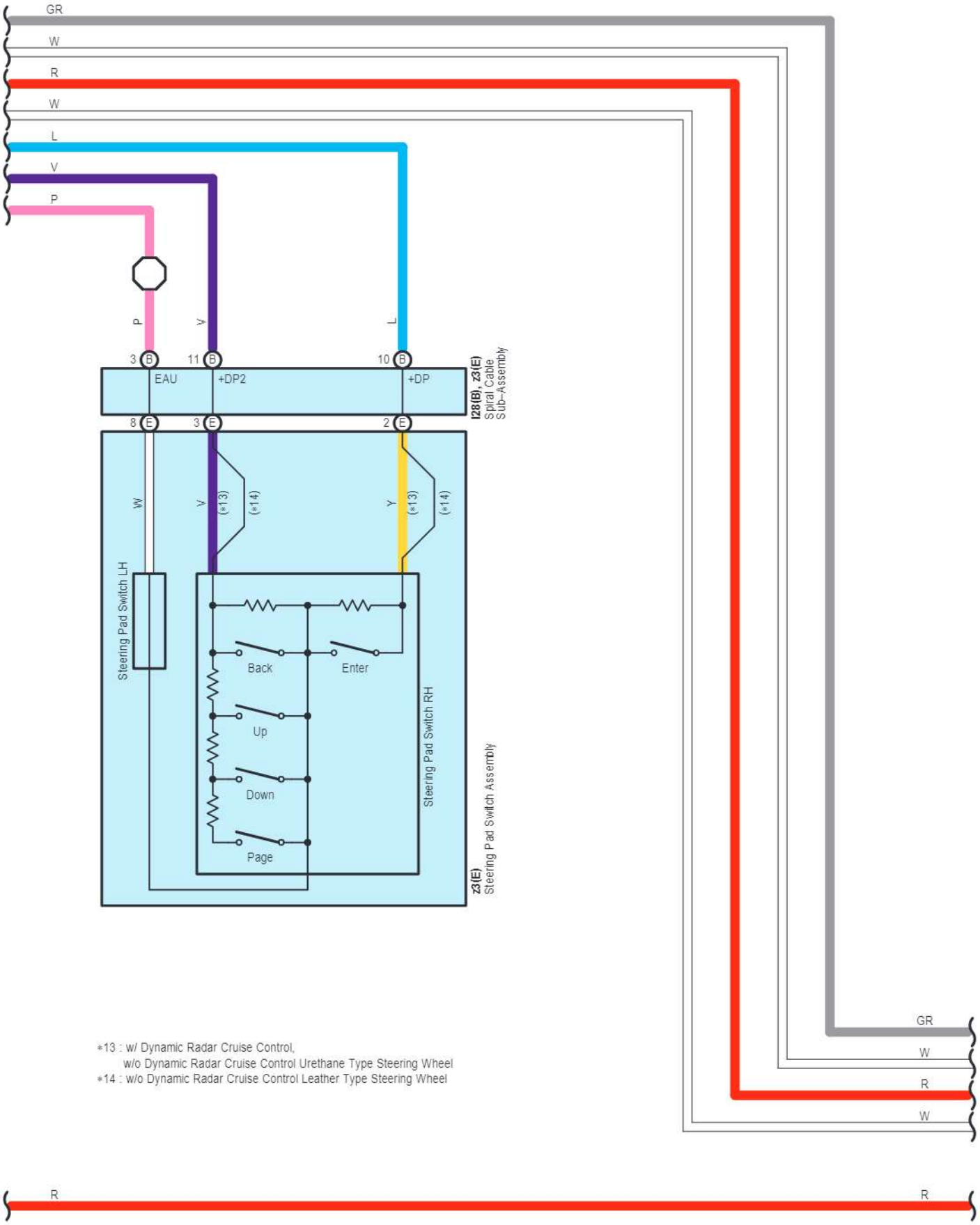



IA3
Blue
1 2 3 4 5 6 7 8 9 10 11 12 13 14
15 16 17 18 19 20 21 22 23 24 25 26
14 13 12 11 10 9 8 7 6 5 4 3 2 1
26 25 24 23 22 21 20 19 18 17 16 15
IA4
Gray
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12
IA8
Gray
1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18
10 9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11

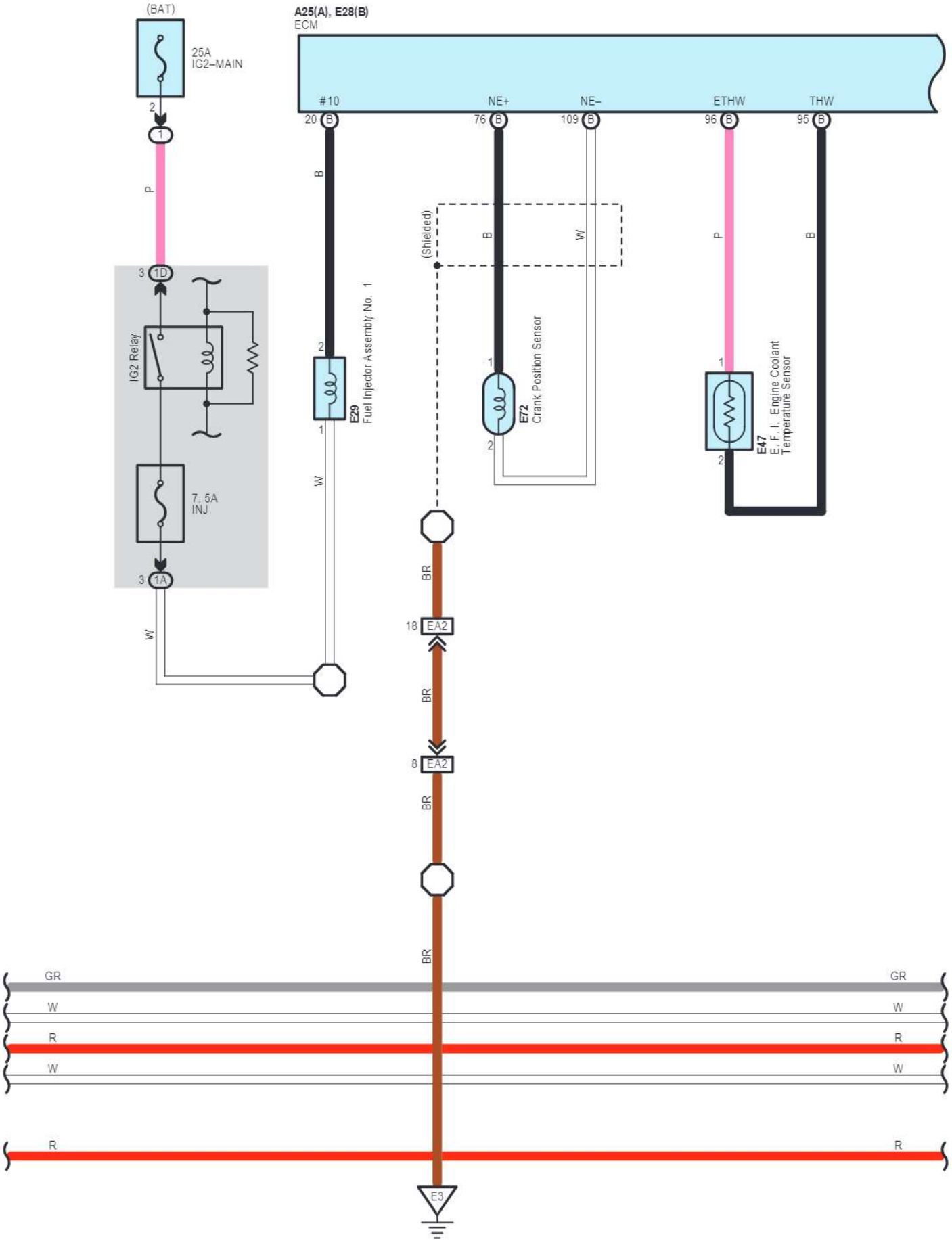

(BAT)
10A
ECU-B
NO. 1
(IG)
5A
METER-IG2
I125
Junction
Connector
I17(A), I18(B)
Combination Meter Assembly
IG+
5V IC
+S
ES
SI
CHK
I124
Junction Connector
Headlight Leveling
ECU Assembly
Navigation Receiver
Assembly (*8)
Radio & Display Receiver
Assembly (*15)
Stereo Component
Amplifier Assembly
DCM (Telematics
Transceiver)
Power Management
Control ECU
Vehicle Approaching
Speaker Controller
ECM
I1

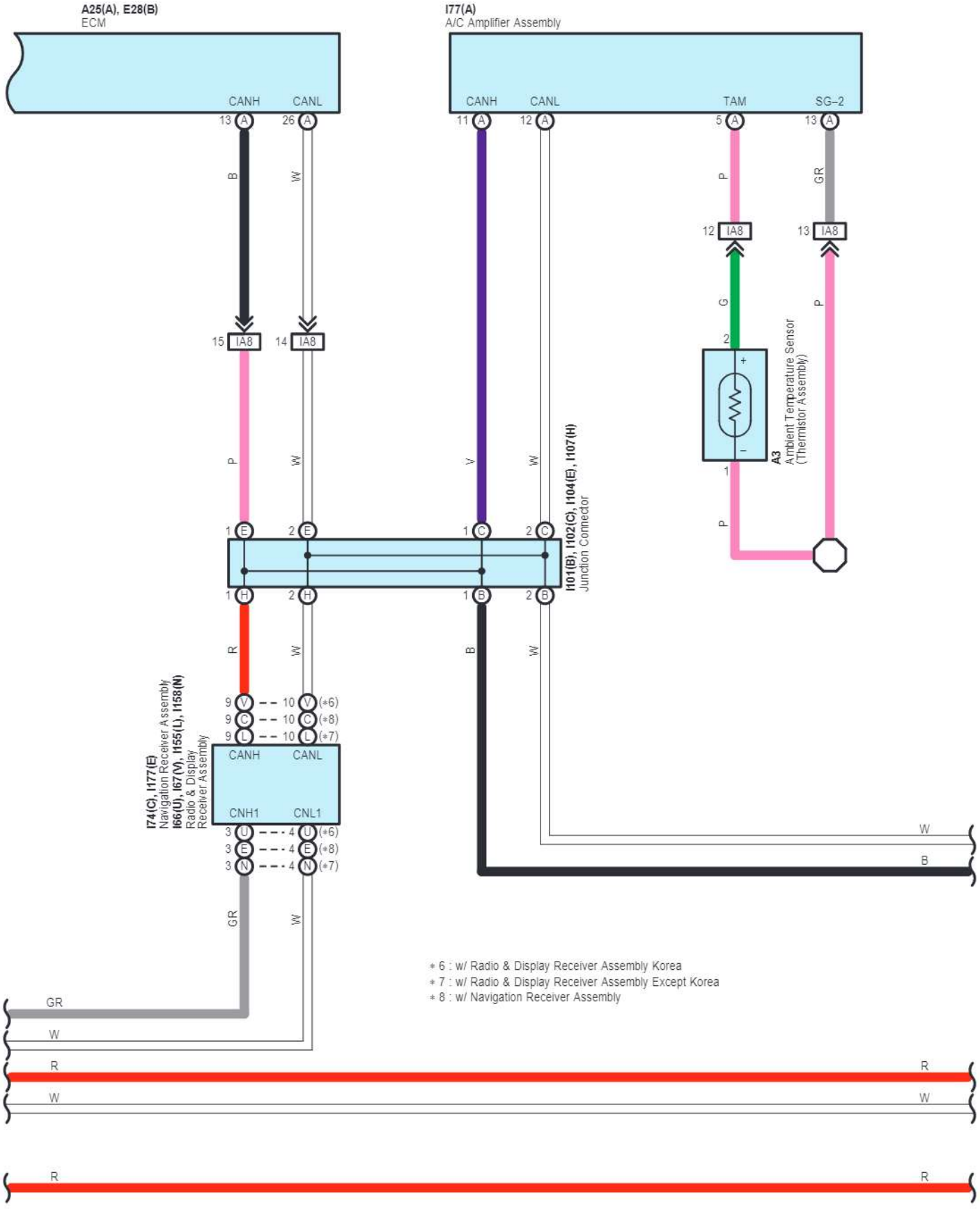

(BAT)
15A
TURN&HAZ
R
26 IA3
2
1
R
1 A
B
* 2 : w/ Vehicle Proximity Notification System
* 3 : w/ Safety Connect
* 5 : w/ Headlight Beam Level Control (Automatic)
* 8 : w/ Navigation Receiver Assembly
*11 : 10 Speaker
*15 : w/ Radio & Display Receiver Assembly
I17(A), I18(B)
Combination Meter Assembly
Buzzer
Display Driver
I/F
Telltales
Flasher Circuit
LED Driver
CPU
I/F
I/F
I/F
LR
LL
EL
ER
HAZ
FE
FR
SW
S
13 A
7 A
10 A
9 A
5 A
15 B
14 B
8 A
8 B
G
R
L
P
W
V
GR
G
B
13
12
B
24 IA3
10 EA2
B
1
14 IN1
13 IN1
B
3
GR
2
FE
FS
Fuel Sender Gage
N11
Fuel Suction Tube Assembly with Pump & Gage
Headlight Assemblies Outer Rear View Mirror Assemblies Rear Combination Light Assemblies
Headlight Dimmer Switch Assembly
A/C Control Assembly
Headlight Dimmer Switch Assembly
I128
Junction Connector
E64
Engine Oil Pressure Switch Assembly
R
R

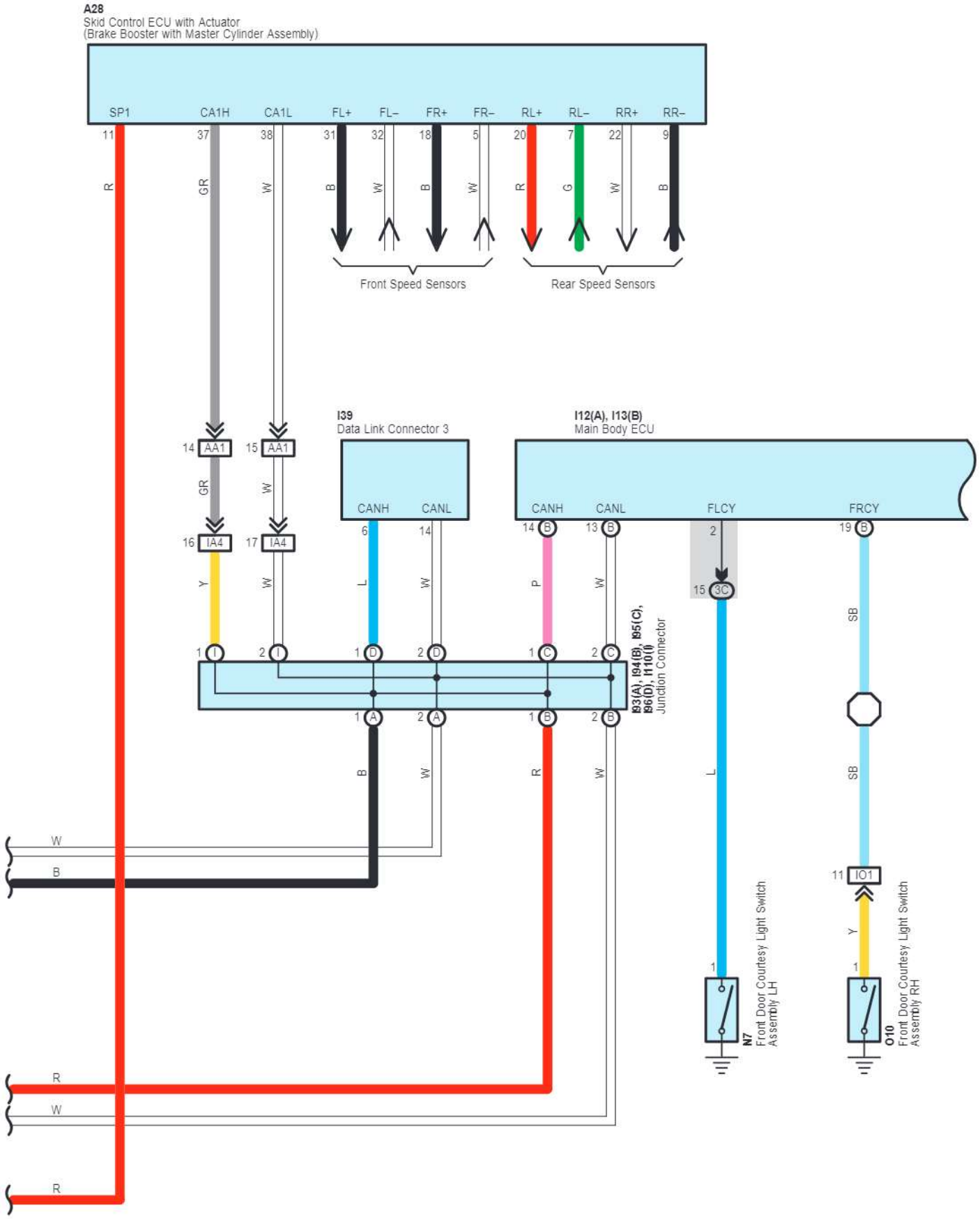

GR
W
R
W
L
V
P
18 B
19 B
17 B
16 B
23 B
22 B
21 B
MSCH
MSCL
CANH
CANL
MSM+
MSTI
MSSL
CAN
CAN I/F
I/F
I/F
CPU
I/F
I/F
WLVL
LVWG
EP
ILL−
I17(A), I18(B)
Combination Meter Assembly
24 B
11 A
11 B
12 B
LG
P
W−B
SB
2
1A8
LG
1
S
E
A80
Level Warning Switch Assembly
2
BR
W−B
Headlight Leveling ECU Assembly
Illuminations
R
R
A3
I1

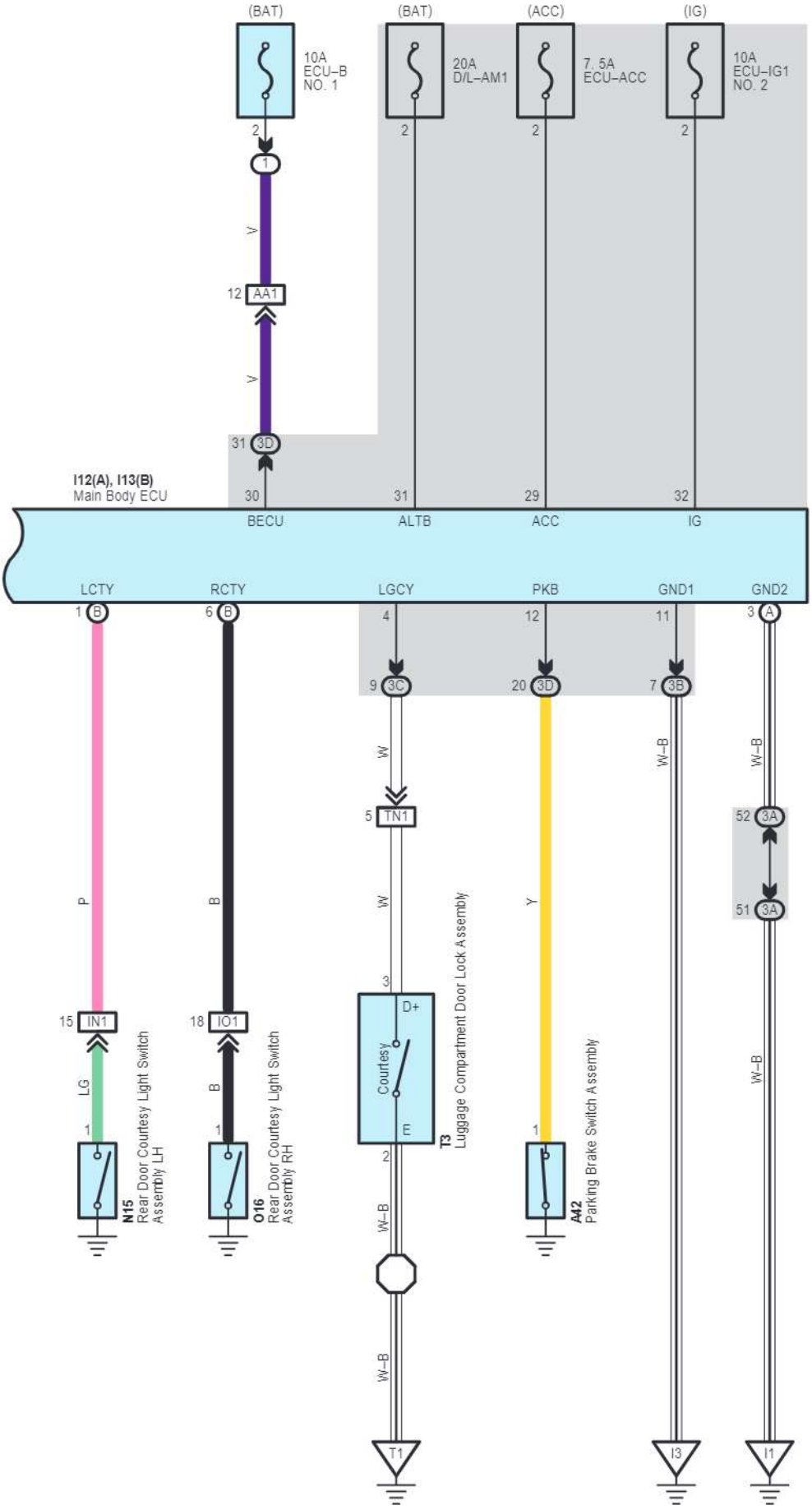


*13 : w/ Dynamic Radar Cruise Control,
w/o Dynamic Radar Cruise Control Urethane Type Steering Wheel
*14 : w/o Dynamic Radar Cruise Control Leather Type Steering Wheel


(BAT)
25A
IG2–MAIN
2
1
P
3
1D
IG2 Relay
7. 5A
INJ
3
1A
W
A25(A), E28(B)
ECM
#10
NE+
NE–
ETHW
THW
20
B
76
B
109
B
96
B
95
B
B
(Shielded)
B
W
P
B
2
1
E29
Fuel Injector Assembly No. 1
1
W
1
E72
Crank Position Sensor
2
1
E47
E. F. I. Engine Coolant
Temperature Sensor
2
BR
18
EA2
BR
8
EA2
BR
BR
GR
GR
W
W
R
R
W
W
R
R
E3


A25(A), E28(B)
ECM
CANH
CANL
13 A
26 A
B
W
15 IA8
14 IA8
P
W
1 E
2 E
1 H
2 H
R
W
I77(A)
A/C Amplifier Assembly
CANH
CANL
TAM
SG-2
11 A
12 A
5 A
13 A
V
W
P
GR
12 IA8
13 IA8
G
P
2
+
-
1
A3
Ambient Temperature Sensor
(Thermistor Assembly)
P
1 C
2 C
1 B
2 B
I101(B), I102(C), I104(E), I107(H)
Junction Connector
B
W
9 V -- 10 V (*6)
9 C -- 10 C (*8)
9 L -- 10 L (*7)
I74(C), I177(E)
Navigation Receiver Assembly
I66(U), I67(V), I155(L), I158(N)
Radio & Display
Receiver Assembly
CANH
CANL
CNH1
CNL1
3 U --- 4 U (*6)
3 E --- 4 E (*8)
3 N --- 4 N (*7)
GR
W
W
B
GR
W
R
W
R
W
R
R
* 6 : w/ Radio & Display Receiver Assembly Korea
* 7 : w/ Radio & Display Receiver Assembly Except Korea
* 8 : w/ Navigation Receiver Assembly

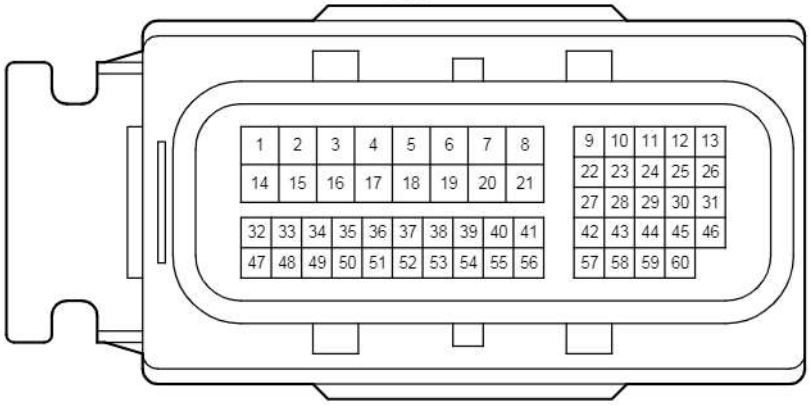

A28
Skid Control ECU with Actuator
(Brake Booster with Master Cylinder Assembly)
SP1
CA1H
CA1L
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
11
37
38
31
32
18
5
20
7
22
9
R
GR
W
B
W
B
W
R
G
W
B
Front Speed Sensors
Rear Speed Sensors
I39
Data Link Connector 3
CANH
CANL
6
14
L
W
14 AA1
15 AA1
GR
W
16 IA4
17 IA4
Y
W
1 I
2 I
1 D
2 D
I12(A), I13(B)
Main Body ECU
CANH
CANL
FLCY
FRCY
14 B
13 B
2
19 B
P
W
15 3C
SB
I93(A), I94(B), I95(C),
I96(D), I110(I)
Junction Connector
1 C
2 C
1 A
2 A
1 B
2 B
B
W
R
W
L
SB
11 IO1
Y
1
1
N7
Front Door Courtesy Light Switch
Assembly LH
O10
Front Door Courtesy Light Switch
Assembly RH
W
B
R
W
R


(BAT)
10A
ECU-B
NO. 1
(BAT)
20A
D/L-AM1
(ACC)
7. 5A
ECU-ACC
(IG)
10A
ECU-IG1
NO. 2
I12(A), I13(B)
Main Body ECU
BECU
ALTB
ACC
IG
LCTY
RCTY
LGCY
PKB
GND1
GND2
IN1
IO1
TN1
D+
Courtesy
E
N15
Rear Door Courtesy Light Switch Assembly LH
O16
Rear Door Courtesy Light Switch Assembly RH
T3
Luggage Compartment Door Lock Assembly
A42
Parking Brake Switch Assembly
T1
I3
I1

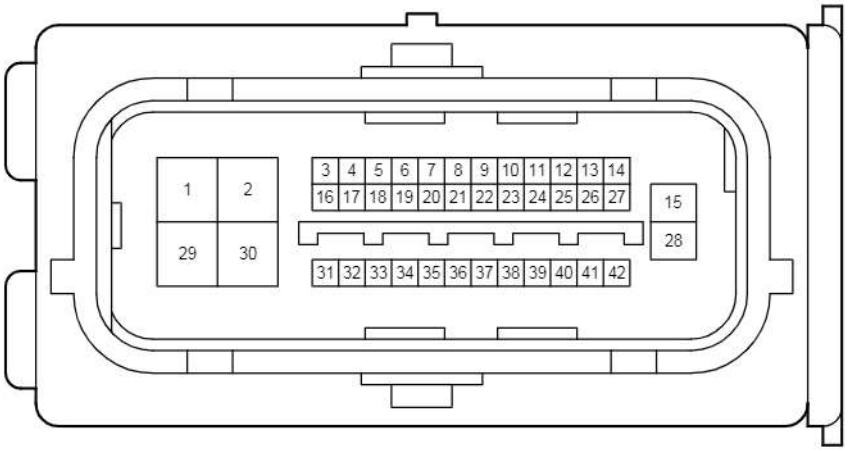
A 3
Black



A 25
Black



A 28
Black



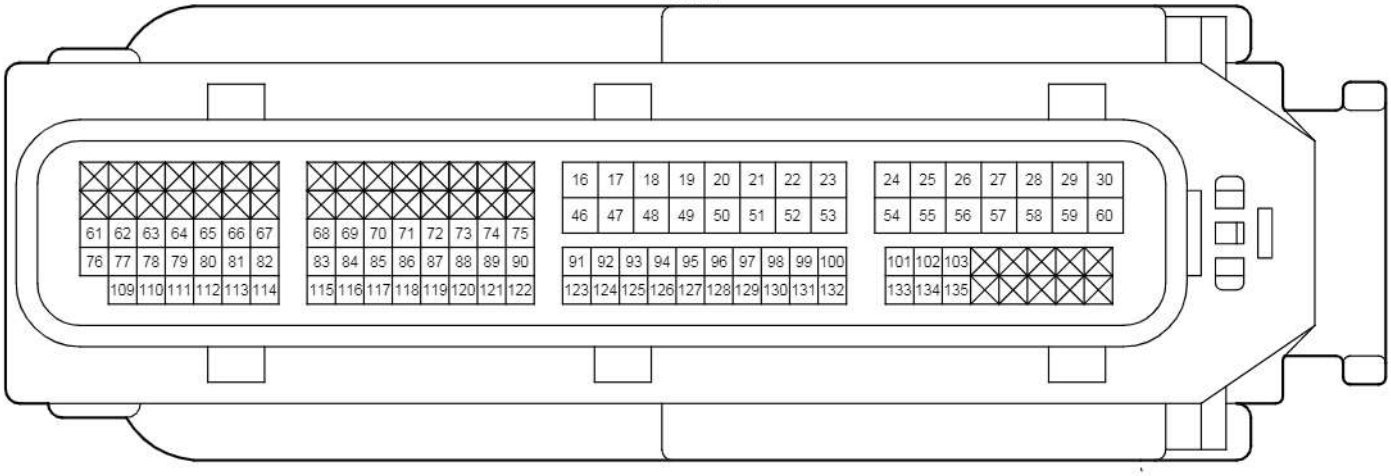
A 42
Black



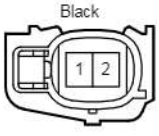
A 80
Black



E 28
Black



E 29
Black



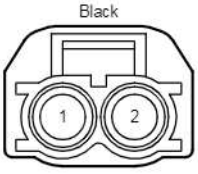
E 47
Black



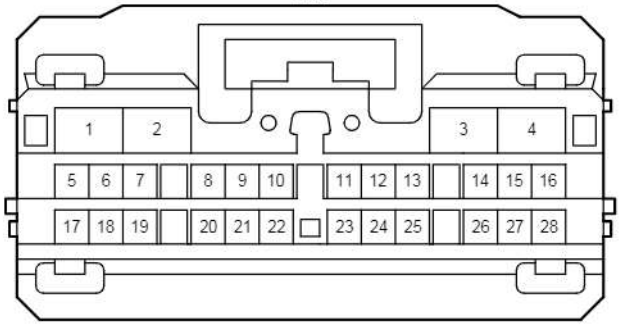
E 64
Gray



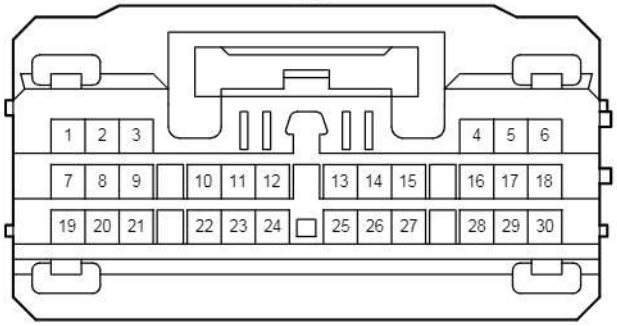
E 72
Black



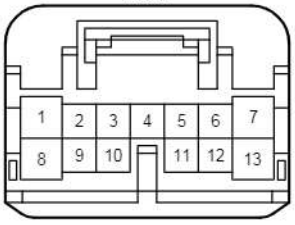
I 12
White



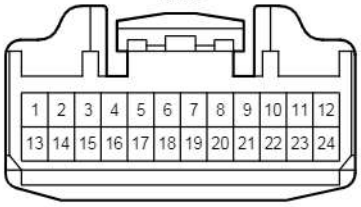
I 13
White



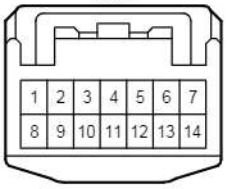
I 17
Black



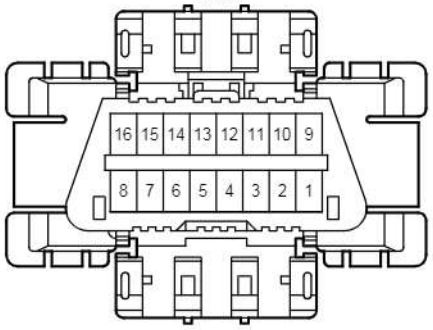
I 18
Black



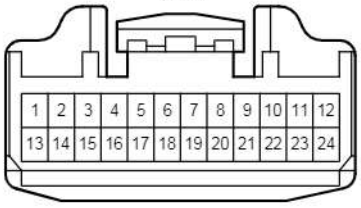
I 28
Black



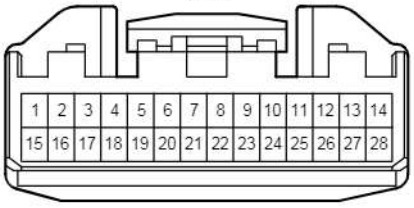
I 39
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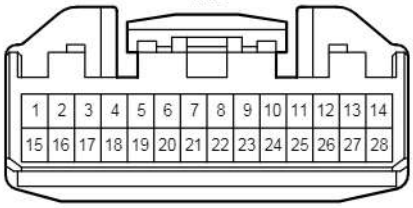
I 66
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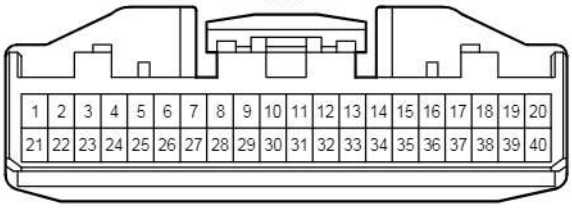
I 67
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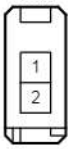
I 74
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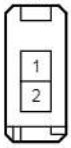
I 77
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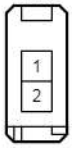
I 93
White



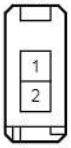
I 94
White



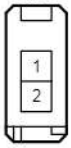
I 95
White



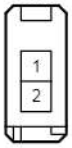
I 96
White



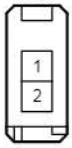
I101
White



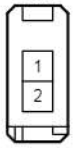
I102
White



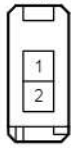
I104
White



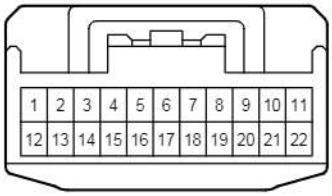
I107
White



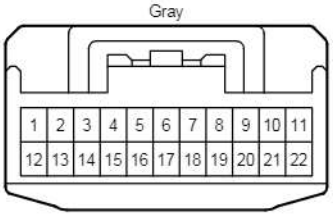
I110
White



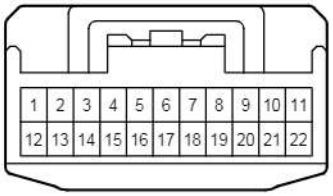
I124
White



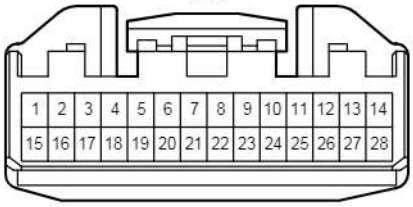
I125
Gray



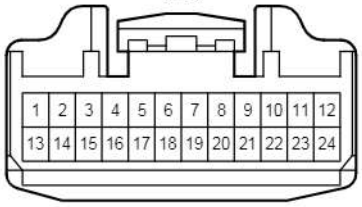
I128
White



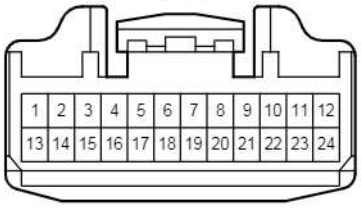
I155
White



I158
White



I177
White



N 7
Black



N 11
White



N 15
Black



O 10
Black



O 16
Black



T 3
Black



z 3
Black



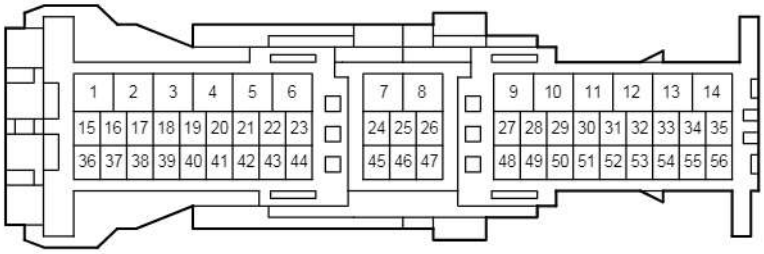
1A
White



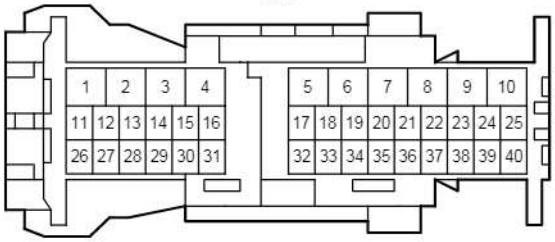
1D
White



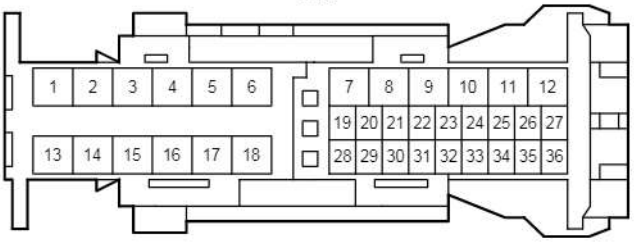
3A
White



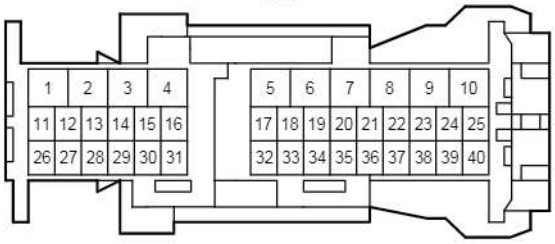
3B
White



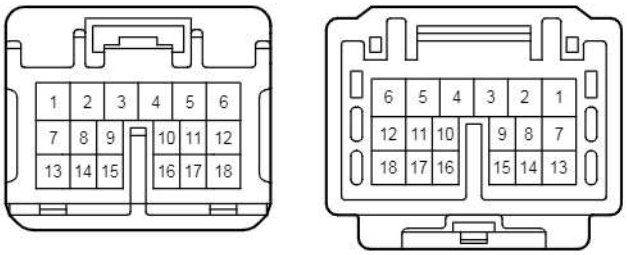
3C
White



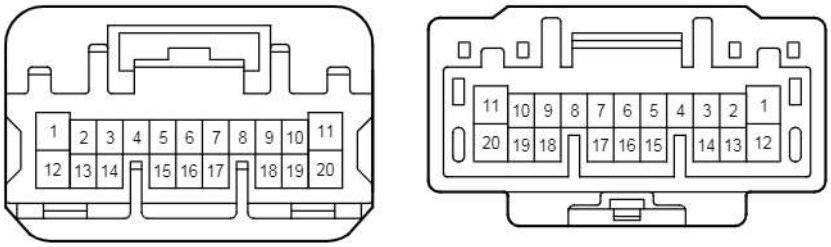
3D
White



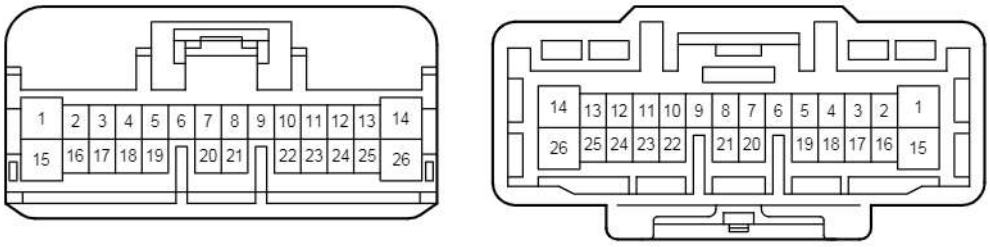
AA1
Blue



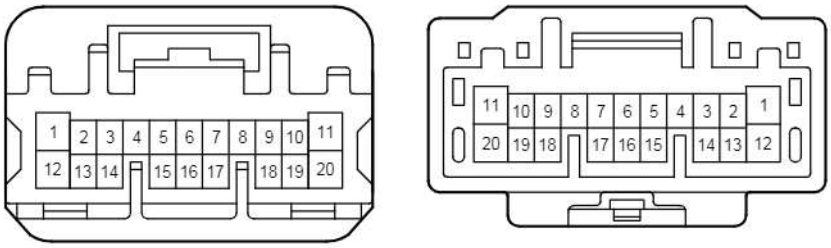
EA2
White



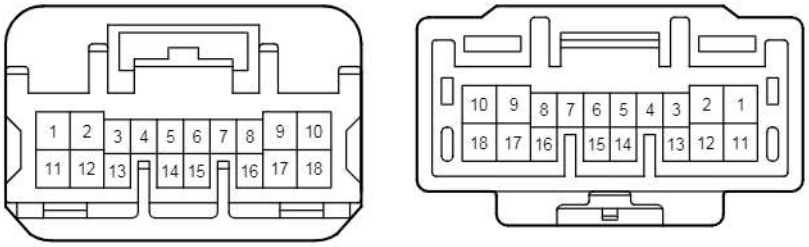
IA3
Blue



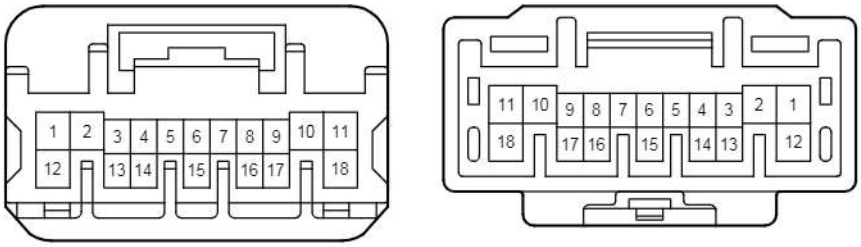
IA4
Gray



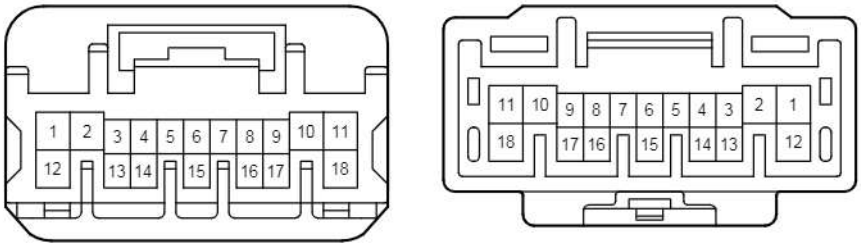
IA8
Gray



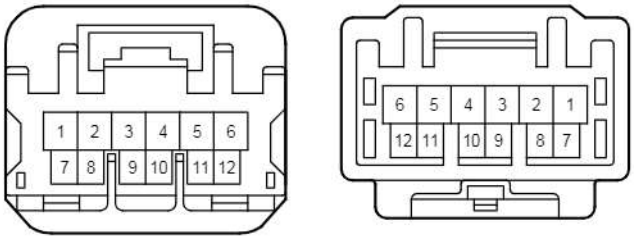
IN1
White

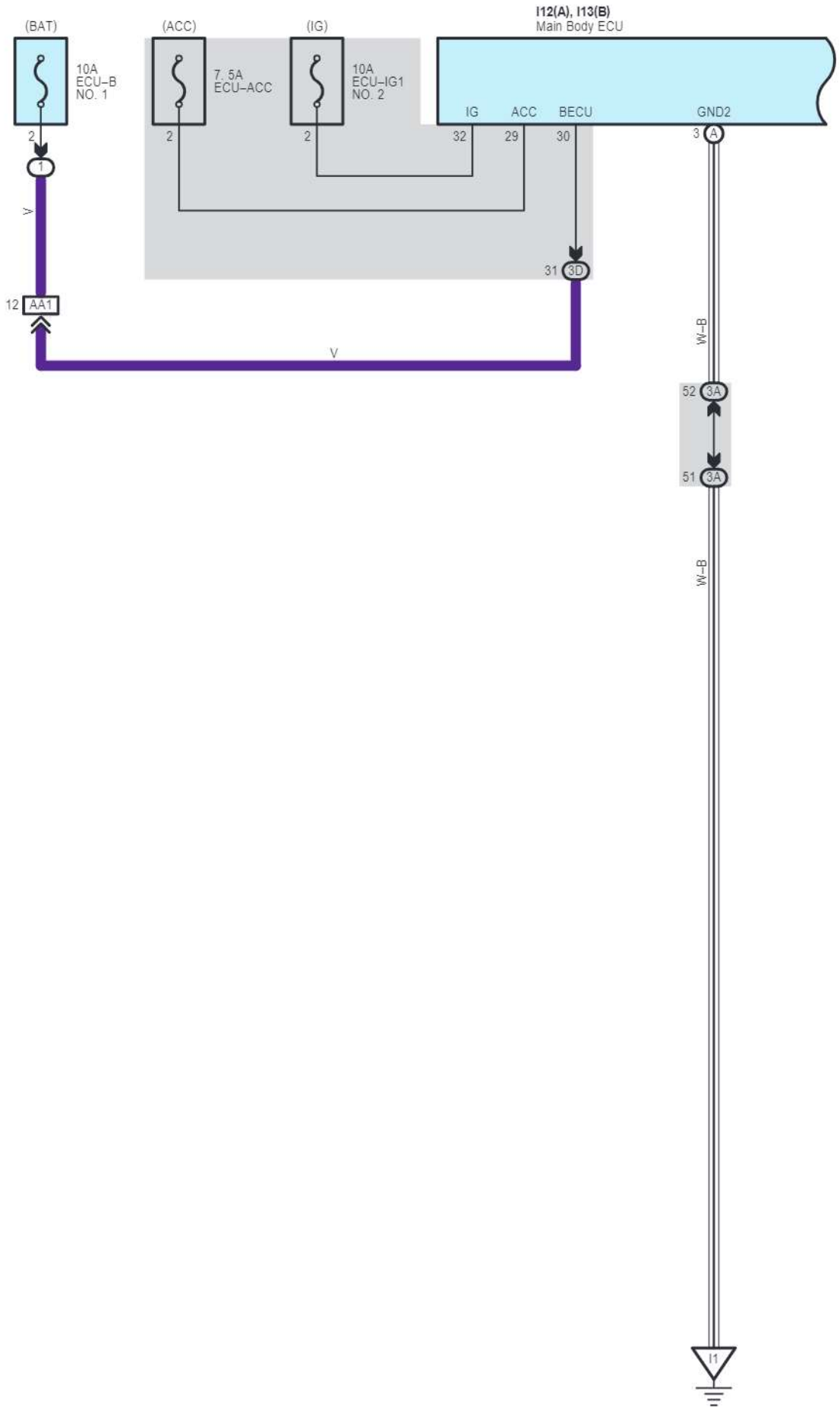


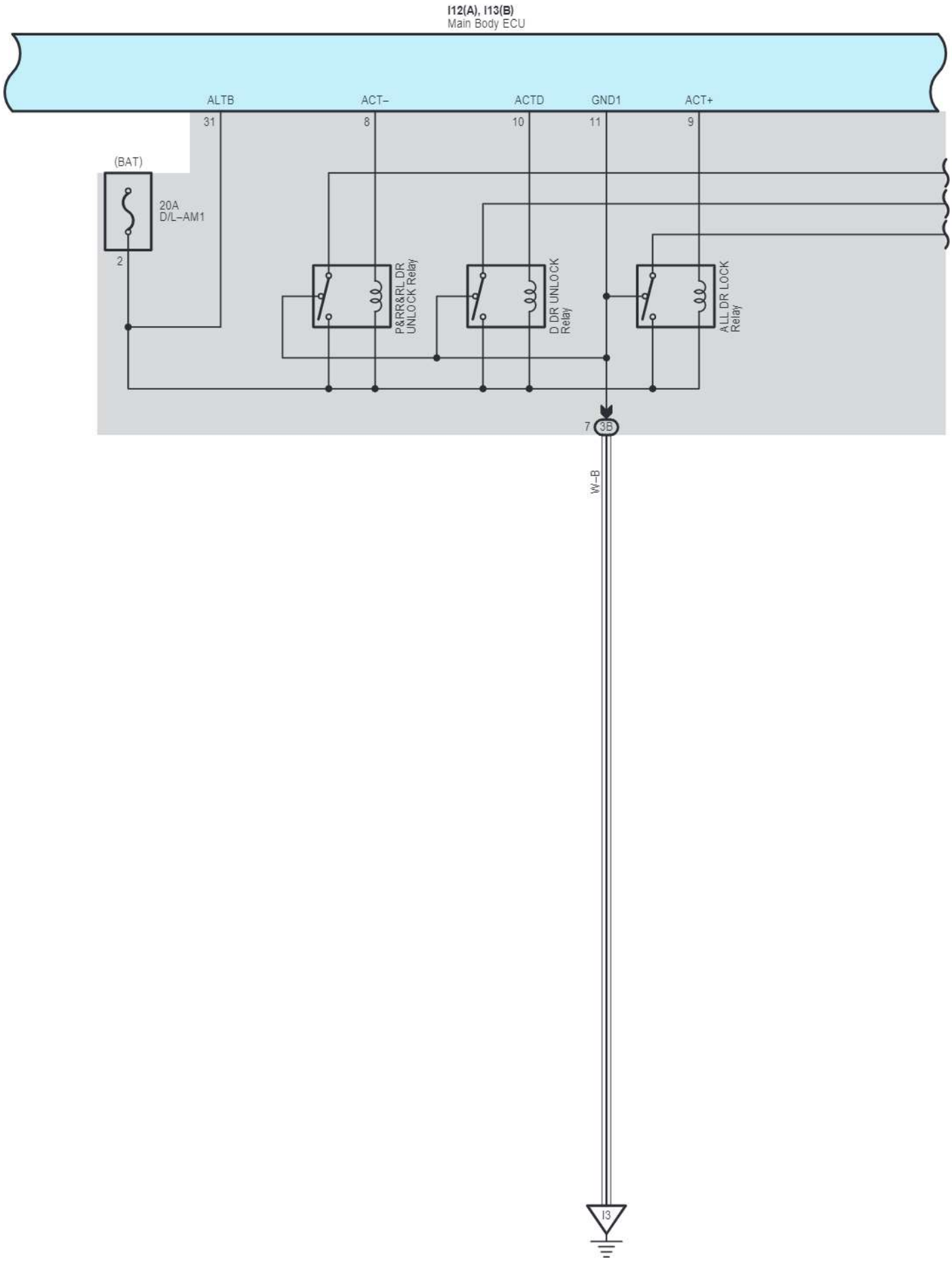
IO1
White

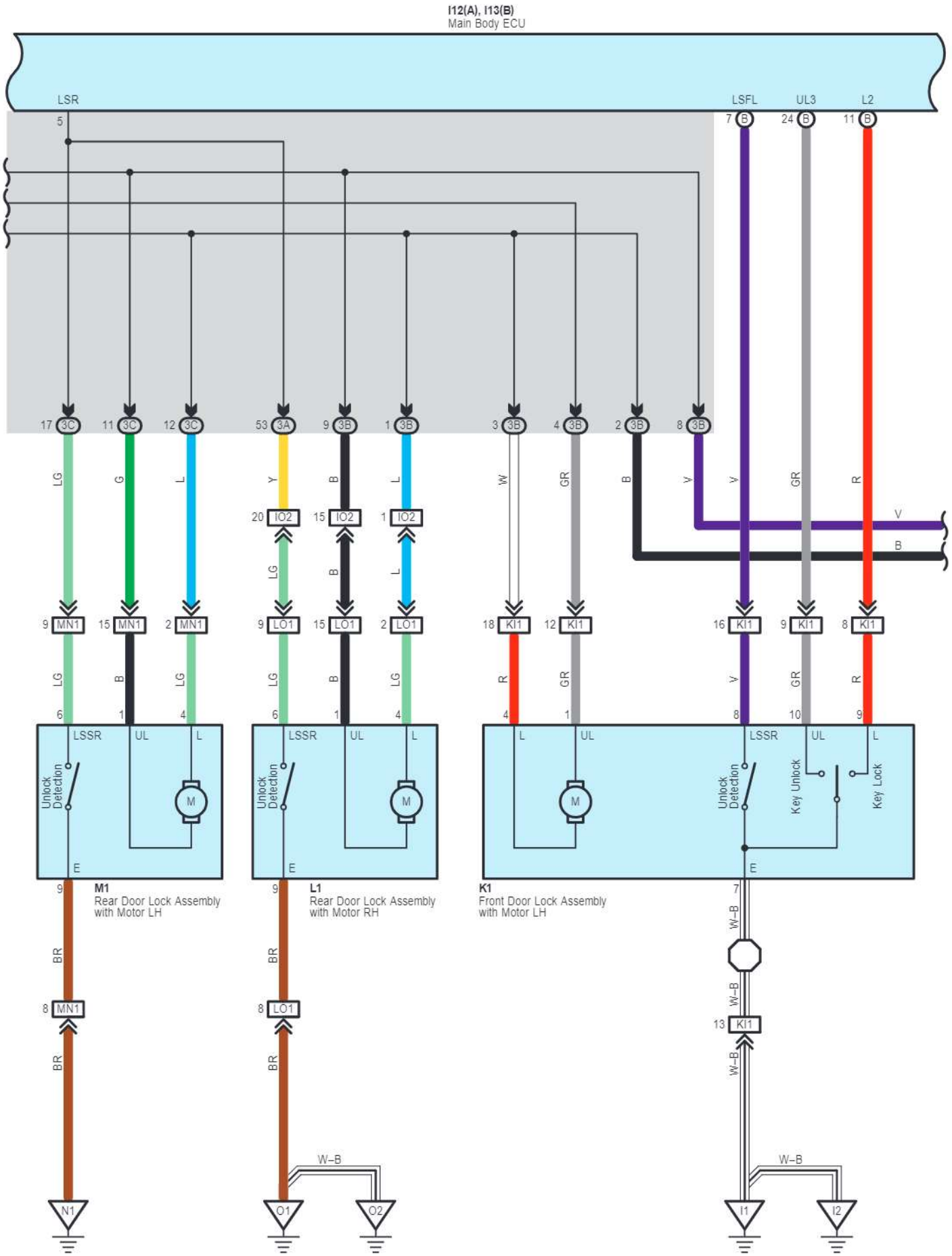


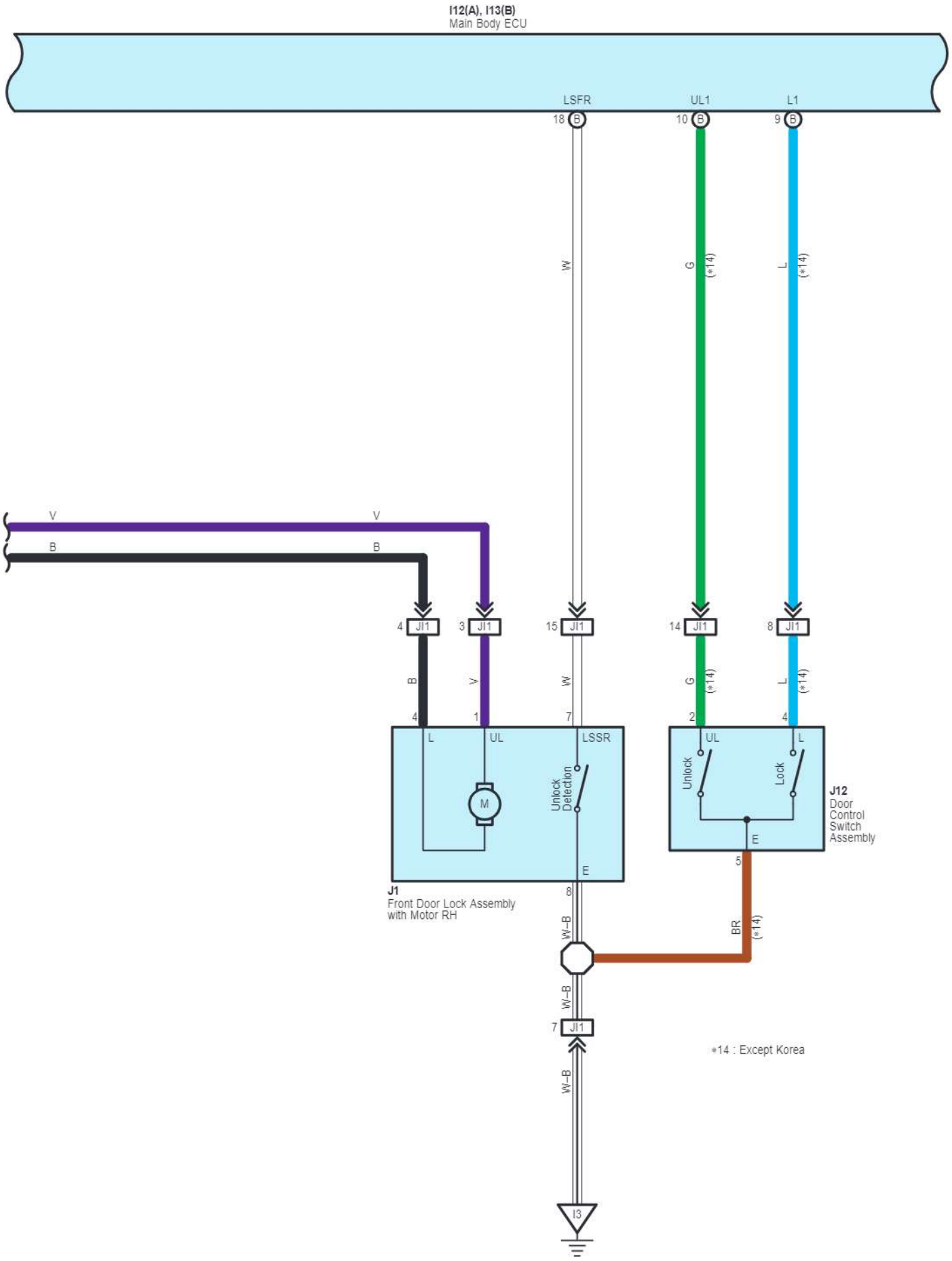
TN1
White

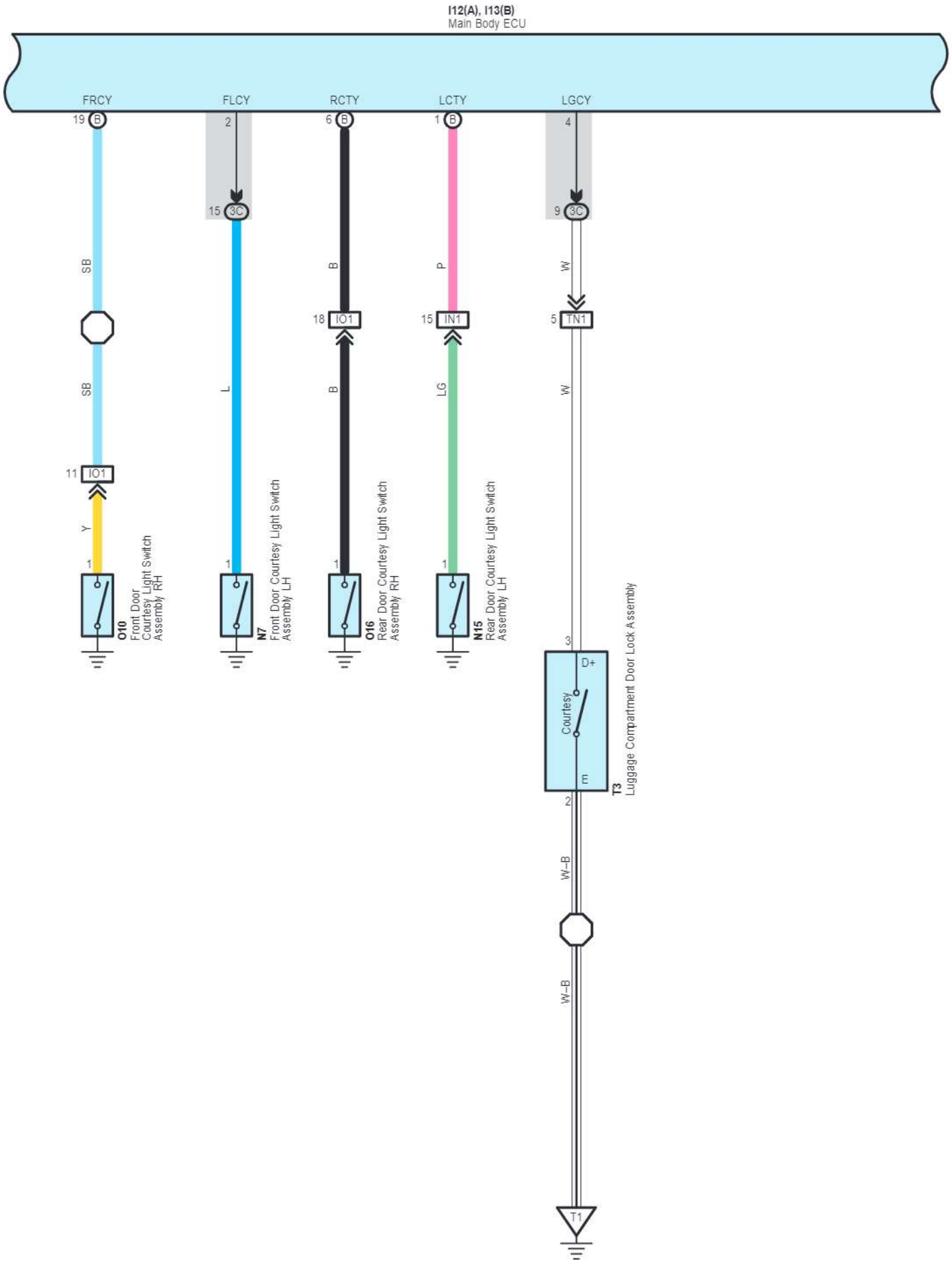


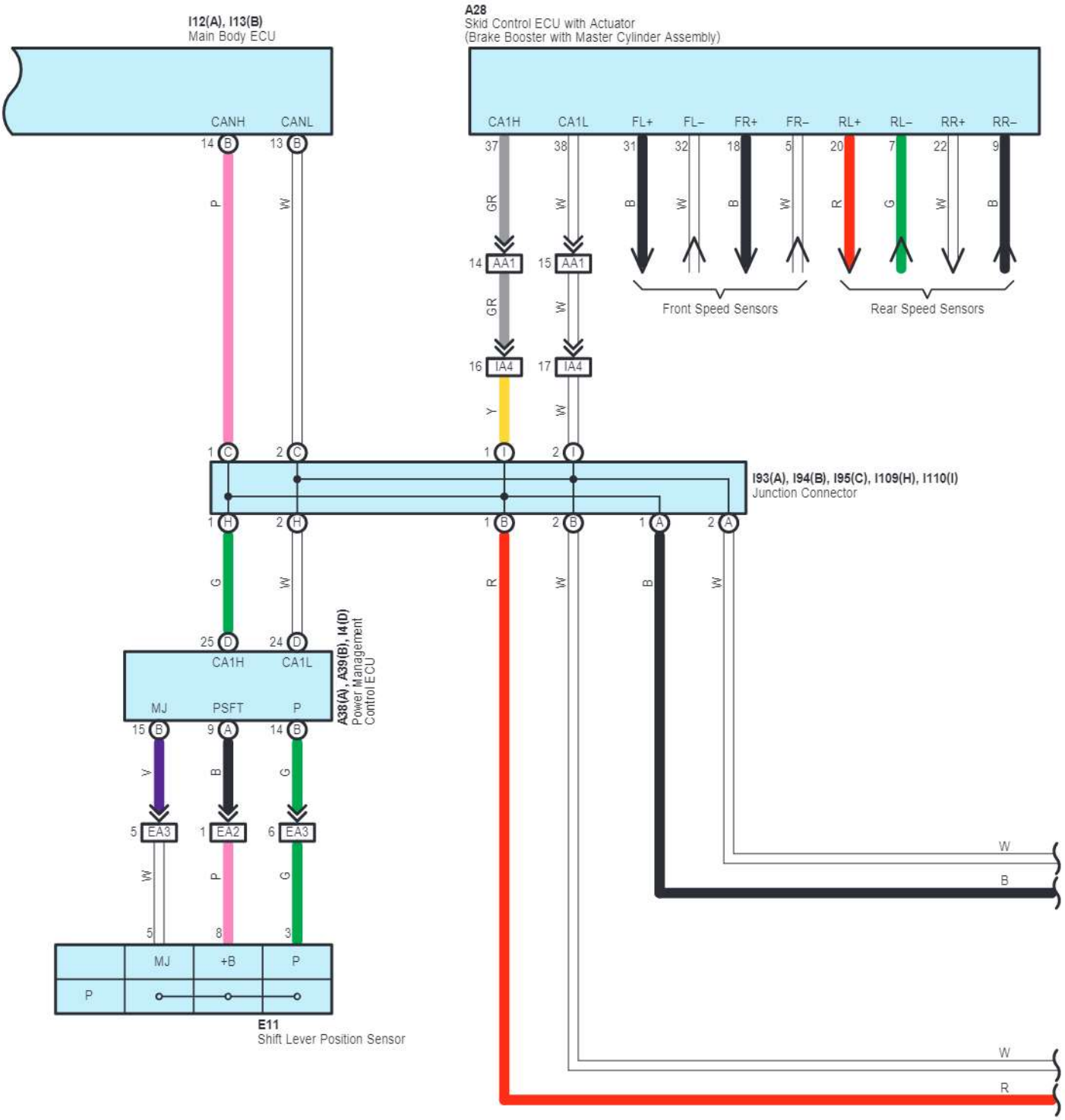

(BAT)
(ACC)
(IG)
I12(A), I13(B)
Main Body ECU
10A
ECU–B
NO. 1
7. 5A
ECU–ACC
10A
ECU–IG1
NO. 2
IG
ACC
BECU
GND2
2
2
2
32
29
30
3
A
1
V
31
3D
12
AA1
V
W–B
52
3A
51
3A
W–B
I1

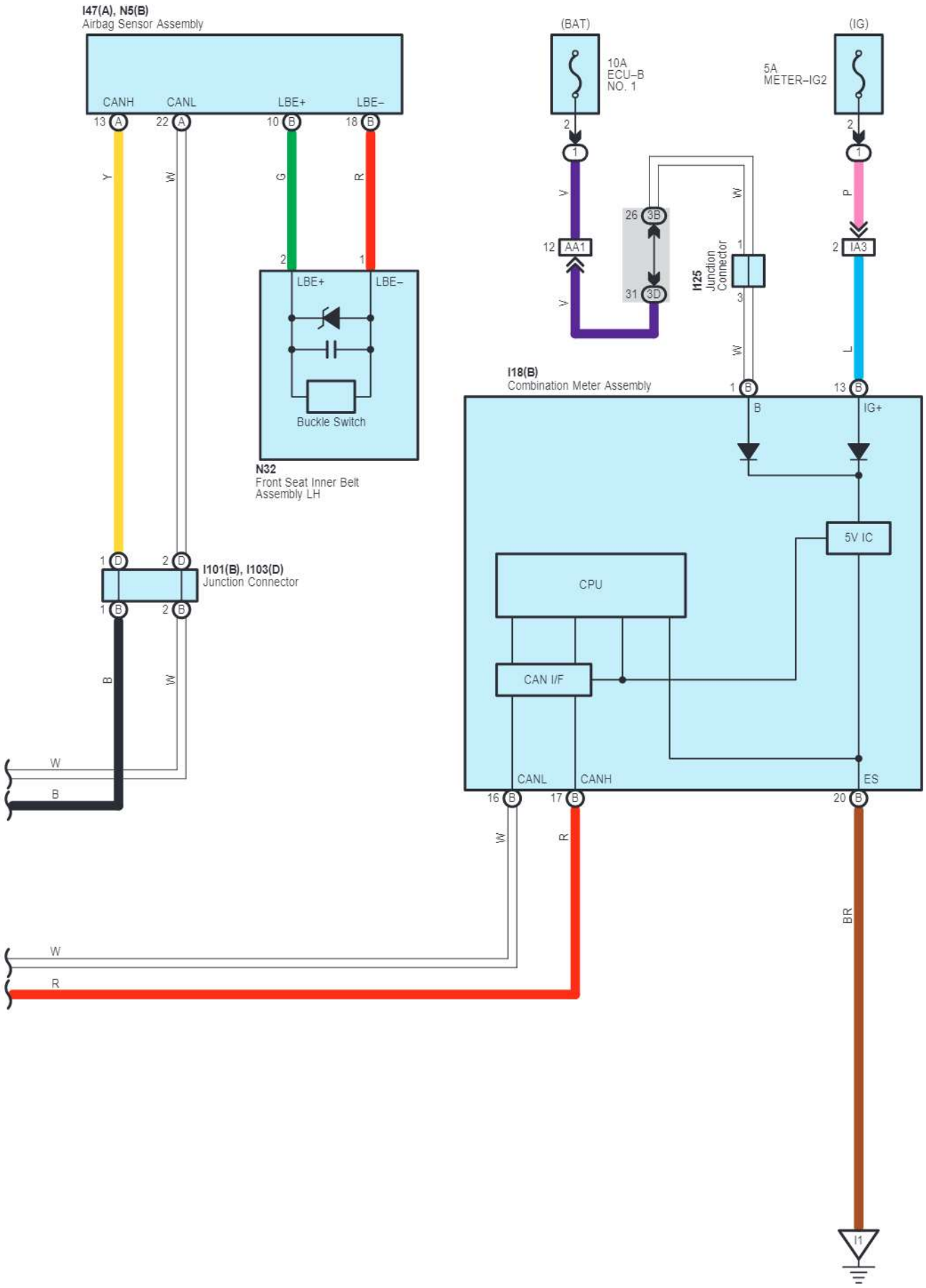

I12(A), I13(B)
Main Body ECU
ALTB
ACT–
ACTD
GND1
ACT+
31
8
10
11
9
(BAT)
20A
D/L–AM1
2
P&RR&RL DR
UNLOCK Relay
D DR UNLOCK
Relay
ALL DR LOCK
Relay
7
3B
W–B
I3


I12(A), I13(B)
Main Body ECU
LSR
LSFL
UL3
L2
5
7 B
24 B
11 B
17 3C
11 3C
12 3C
53 3A
9 3B
1 3B
3 3B
4 3B
2 3B
8 3B
LG
G
L
Y
B
L
W
GR
B
V
V
GR
R
V
B
20 IO2
15 IO2
1 IO2
LG
B
L
9 MN1
15 MN1
2 MN1
9 LO1
15 LO1
2 LO1
18 KI1
12 KI1
16 KI1
9 KI1
8 KI1
LG
B
LG
LG
B
LG
R
GR
V
GR
R
6
1
4
6
1
4
4
1
8
10
9
LSSR
UL
L
L
UL
LSSR
UL
L
Unlock Detection
M
Unlock Detection
M
M
Unlock Detection
Key Unlock
Key Lock
E
E
E
9
M1
Rear Door Lock Assembly with Motor LH
9
L1
Rear Door Lock Assembly with Motor RH
K1
Front Door Lock Assembly with Motor LH
7
BR
BR
BR
W-B
W-B
W-B
8 MN1
8 LO1
13 KI1
N1
O1
O2
W-B
I1
I2
W-B

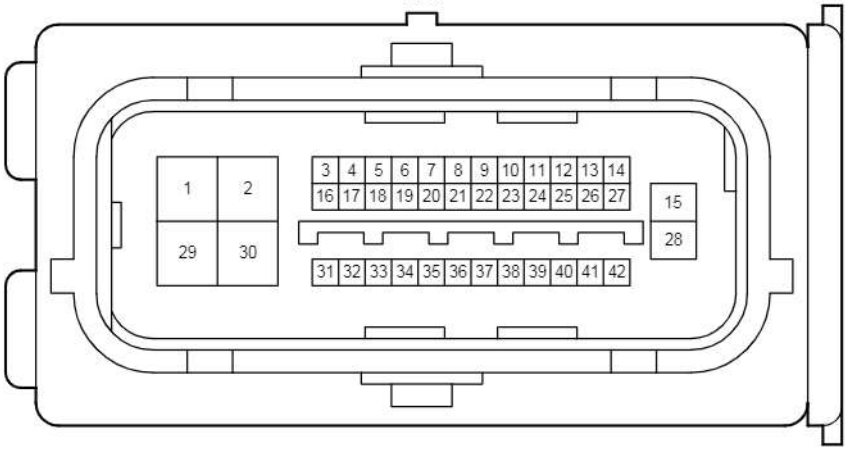

I12(A), I13(B)
Main Body ECU
LSFR
UL1
L1
18 B
10 B
9 B
W
G (*14)
L (*14)
V
B
4 JI1
3 JI1
15 JI1
14 JI1
8 JI1
B
V
W
G (*14)
L (*14)
4
1
7
2
4
L
UL
LSSR
M
Unlock Detection
E
J1
Front Door Lock Assembly with Motor RH
UL
L
Unlock
Lock
E
J12
Door Control Switch Assembly
5
BR (*14)
8
W-B
W-B
7 JI1
W-B
I3
*14 : Except Korea


I12(A), I13(B)
Main Body ECU
FRCY
FLCY
RCTY
LCTY
LGCY
19 B
2
15 3C
6 B
18 IO1
1 B
15 IN1
4
9 3C
5 TN1
SB
SB
Y
L
B
B
P
LG
W
W
11 IO1
1
1
1
1
1
3
2
W-B
W-B
D+
Courtesy
E
O10
Front Door
Courtesy Light Switch
Assembly RH
N7
Front Door Courtesy Light Switch
Assembly LH
O16
Rear Door Courtesy Light Switch
Assembly RH
N15
Rear Door Courtesy Light Switch
Assembly LH
T3
Luggage Compartment Door Lock Assembly
T1

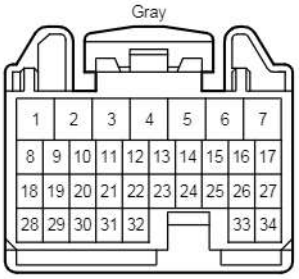

I12(A), I13(B)
Main Body ECU
CANH
CANL
14 B
13 B
P
W
A28
Skid Control ECU with Actuator
(Brake Booster with Master Cylinder Assembly)
CA1H
CA1L
FL+
FL−
FR+
FR−
RL+
RL−
RR+
RR−
37
38
31
32
18
5
20
7
22
9
GR
W
B
R
G
14 AA1
15 AA1
16 IA4
17 IA4
Y
Front Speed Sensors
Rear Speed Sensors
1 C
2 C
1 I
2 I
I93(A), I94(B), I95(C), I109(H), I110(I)
Junction Connector
1 H
2 H
1 B
2 B
1 A
2 A
25 D
24 D
A38(A), A39(B), I4(D)
Power Management
Control ECU
MJ
PSFT
P
15 B
9 A
14 B
V
5 EA3
1 EA2
6 EA3
8
3
+B
E11
Shift Lever Position Sensor


I47(A), N5(B)
Airbag Sensor Assembly
CANH
CANL
LBE+
LBE−
13 A
22 A
10 B
18 B
Y
W
G
R
2
1
LBE+
LBE−
Buckle Switch
N32
Front Seat Inner Belt
Assembly LH
1 D
2 D
I101(B), I103(D)
Junction Connector
1 B
2 B
B
W
W
B
(BAT)
10A
ECU−B
NO. 1
2
1
V
12 AA1
V
26 3B
31 3D
W
I125
Junction
Connector
1
3
W
(IG)
5A
METER−IG2
2
1
P
2 IA3
L
I18(B)
Combination Meter Assembly
1 B
13 B
B
IG+
5V IC
CPU
CAN I/F
CANL
CANH
ES
16 B
17 B
20 B
W
R
BR
W
R
I1

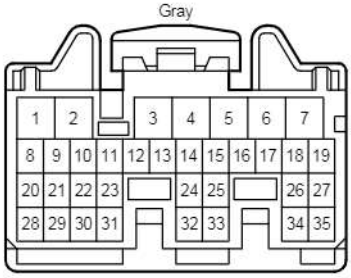
A 28
Black



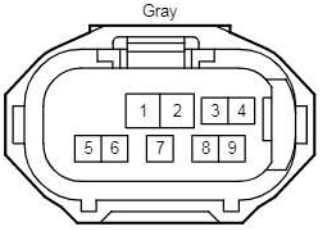
A 38
Gray



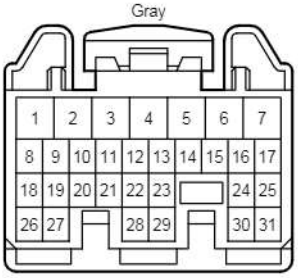
A 39
Gray



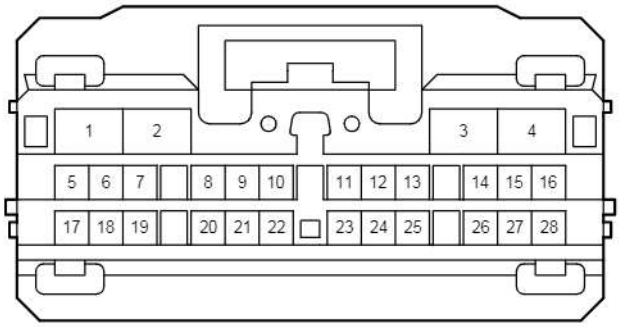
E 11
Gray



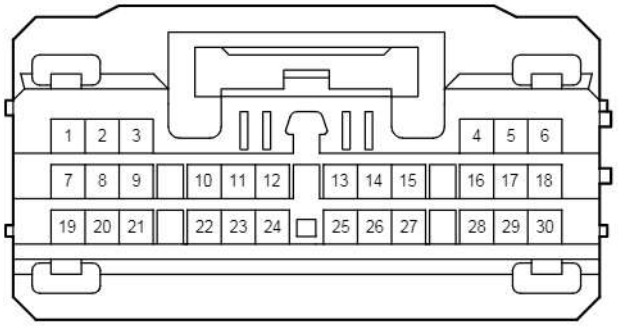
I 4
Gray



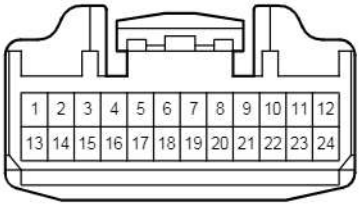
I 12
White



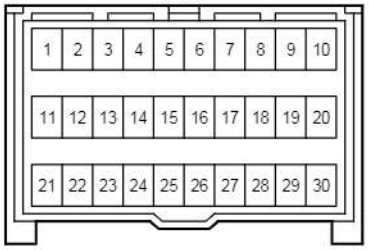
I 13
White



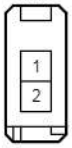
I 18
Black



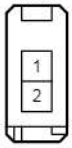
I 47
Yellow



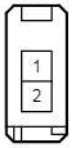
I 93
White



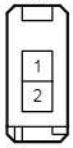
I 94
White



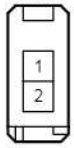
I 95
White



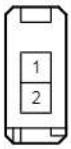
I101
White



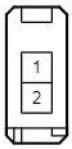
I103
White



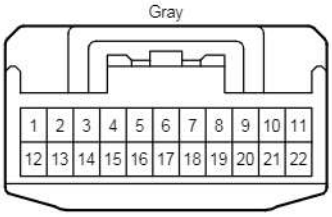
I109
White



I110
White



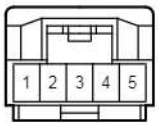
I125
Gray



J 1
White



J 12
White



K 1
White



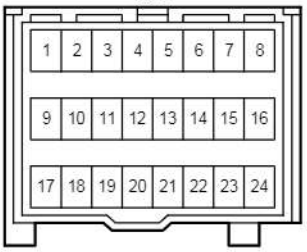
L 1
White



M 1
White



N 5
Yellow



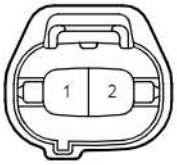
N 7
Black



N 15
Black



N 32
White



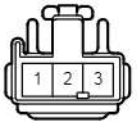
O 10
Black



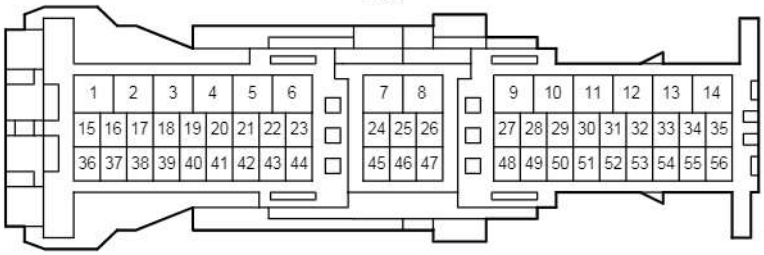
O 16
Black



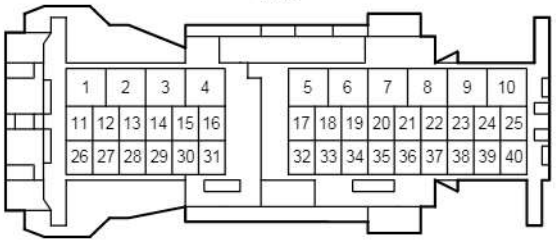
T 3
Black



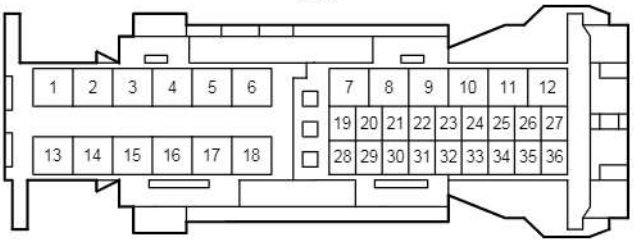
3A
White



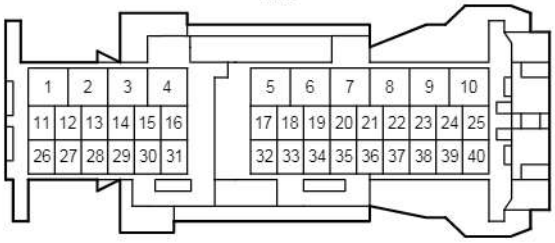
3B
White



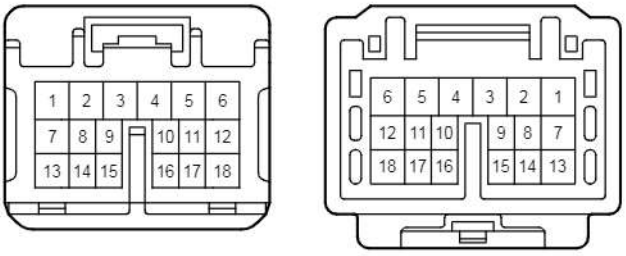
3C
White



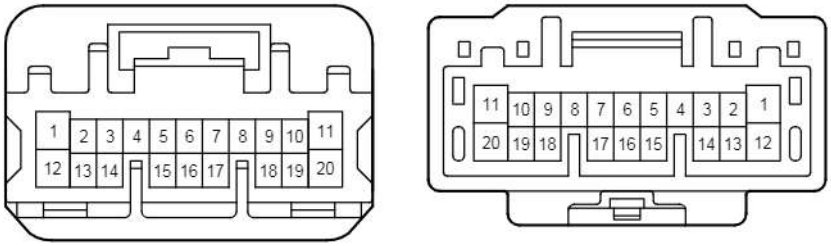
3D
White



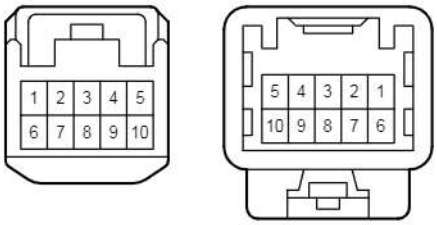
AA1
Blue



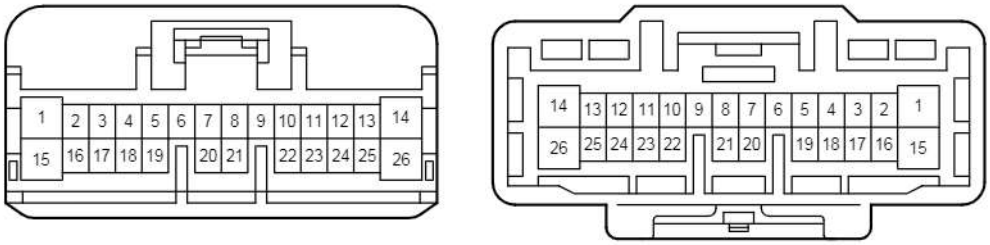
EA2
White



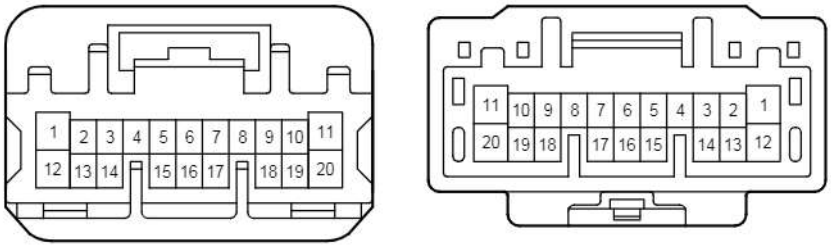
EA3
White



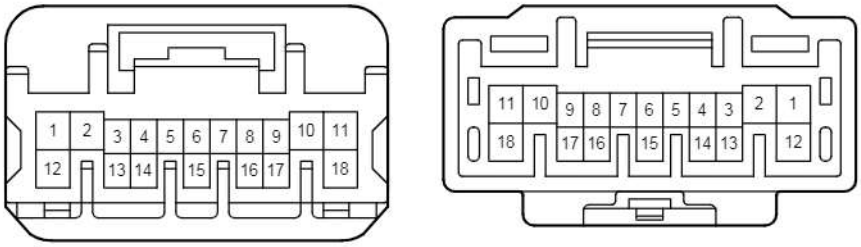
IA3
Blue



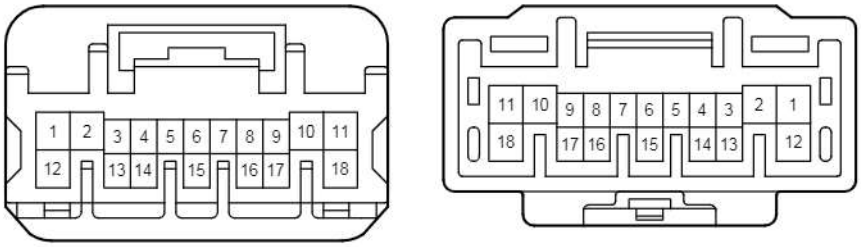
IA4
Gray



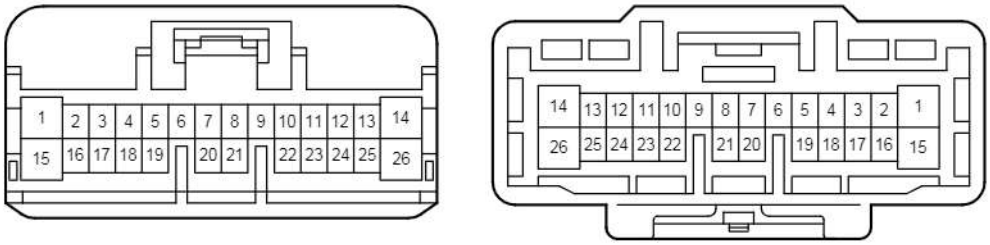
IN1
White



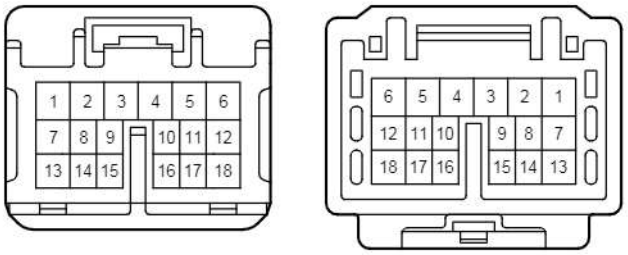
IO1
White



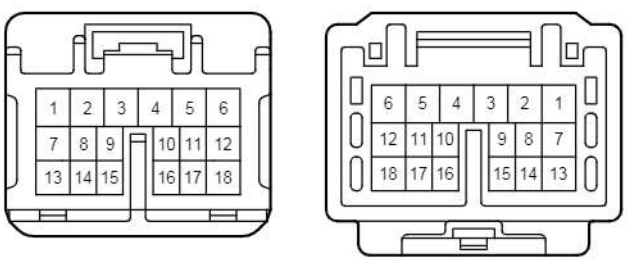
IO2
White



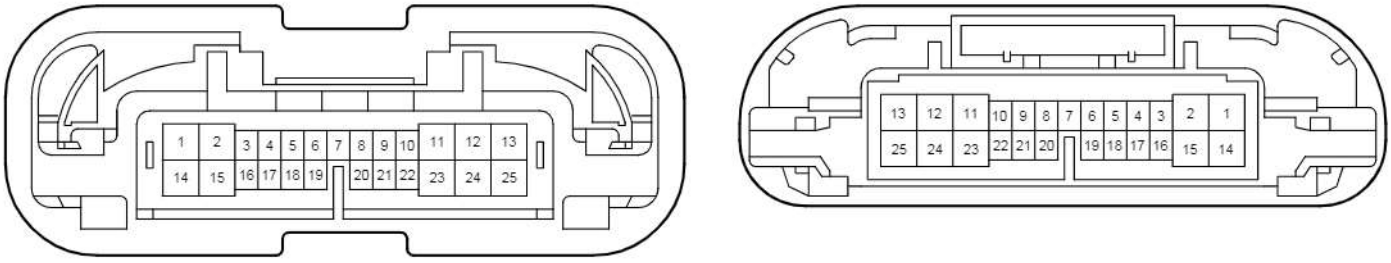
JI1
Gray



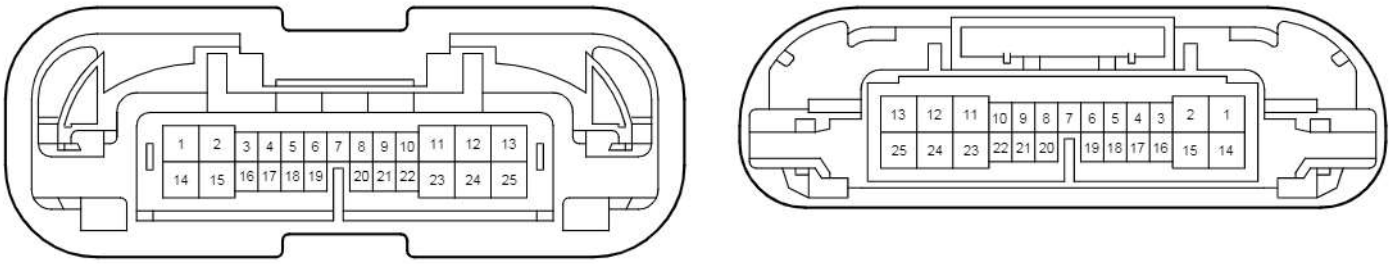
KI1
White



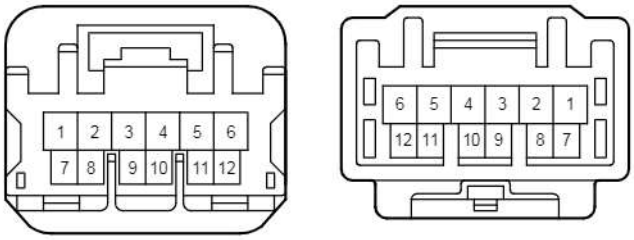
LO1
White

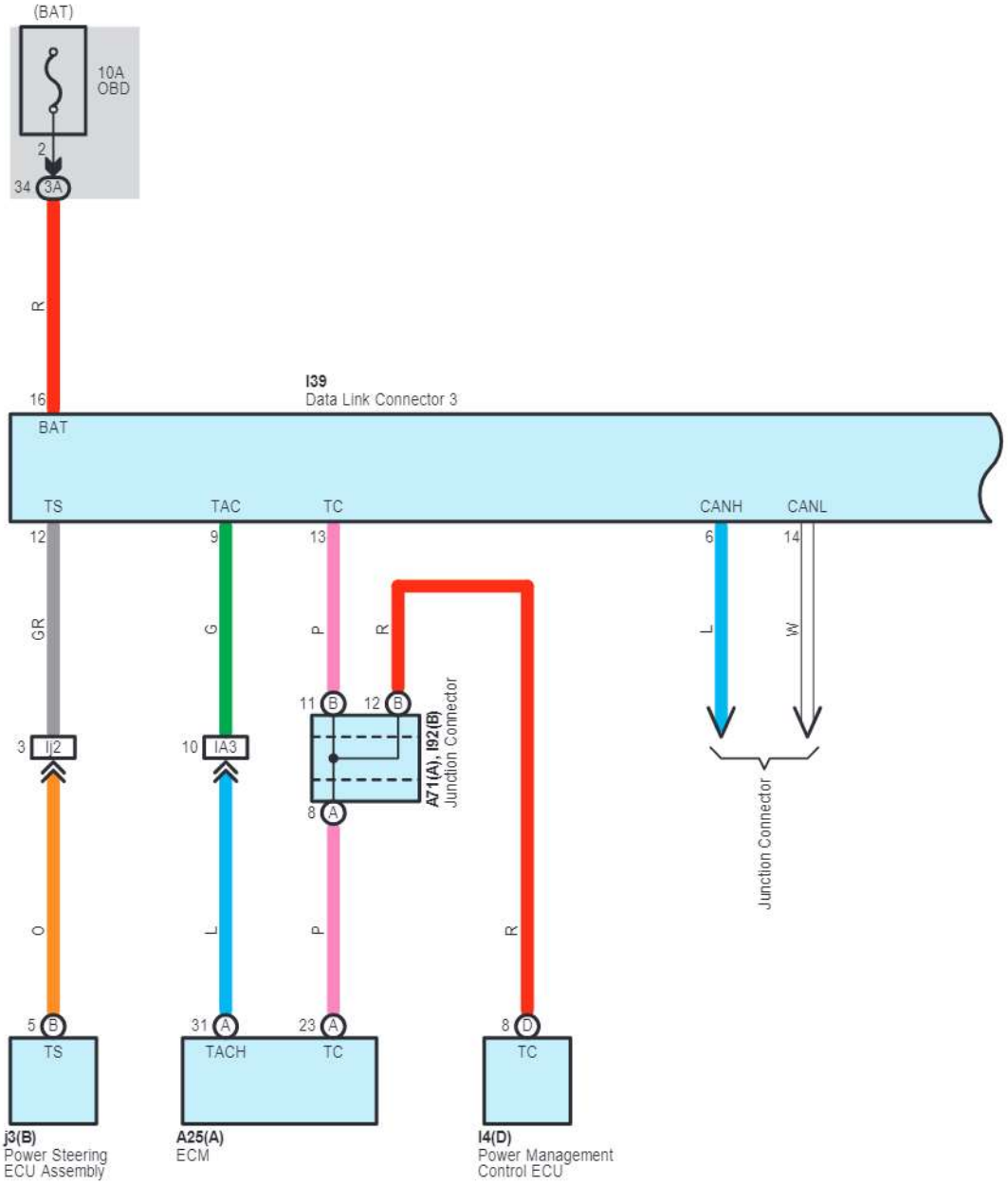


MN1
White

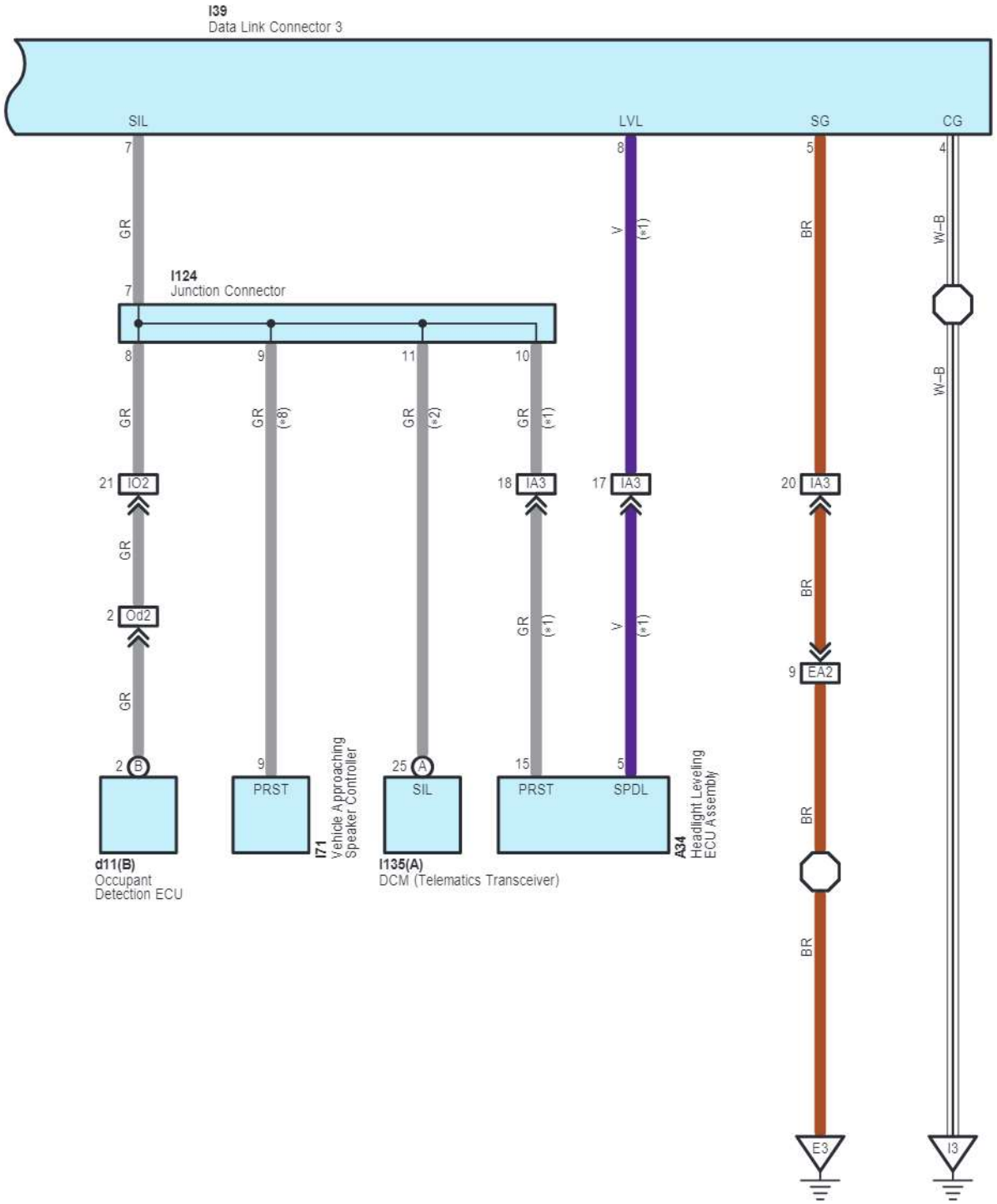


TN1
White

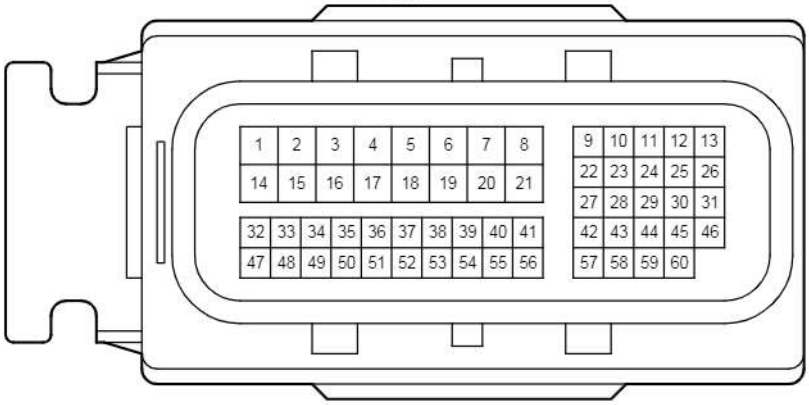



(BAT)
10A
OBD
2
34
3A
R
16
I39
Data Link Connector 3
BAT
TS
TAC
TC
CANH
CANL
12
9
13
6
14
GR
G
P
R
L
W
11
B
12
B
3
IJ2
10
IA3
A71(A), I92(B)
Junction Connector
8
A
Junction Connector
O
L
P
R
5
B
31
A
23
A
8
D
TS
TACH
TC
TC
j3(B)
Power Steering
ECU Assembly
A25(A)
ECM
I4(D)
Power Management
Control ECU

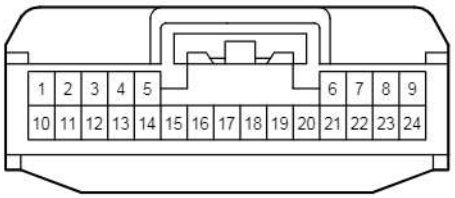
* 1 : w/ Headlight Beam Level Control
* 2 : w/ Safety Connect
* 8 : w/ Vehicle Proximity Notification System



A 25
Black



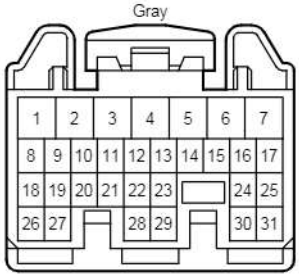
A 34
White



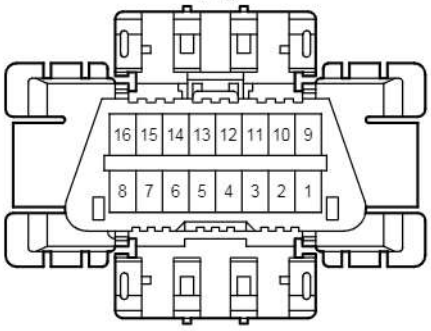
A 71
Gray



I 4
Gray



I 39
White



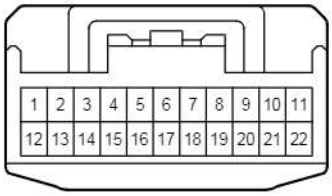
I 71
Black



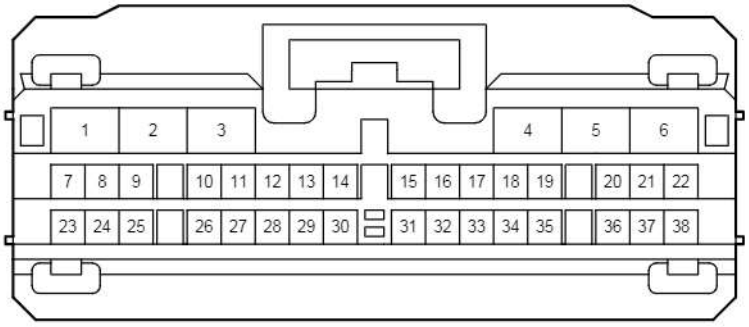
I 92
Gray



I124
White



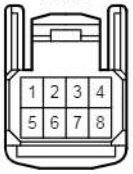
I135
White



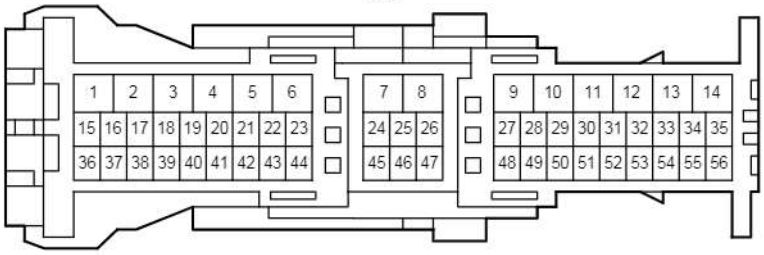
d 11
Black



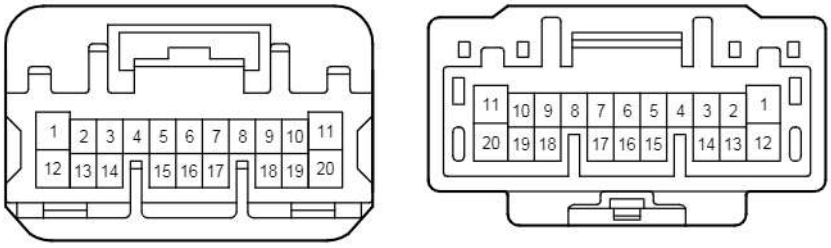
j 3
White



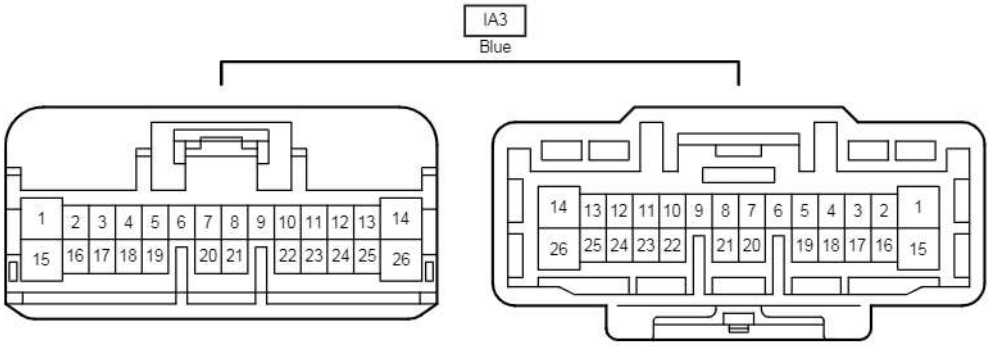
3A
White



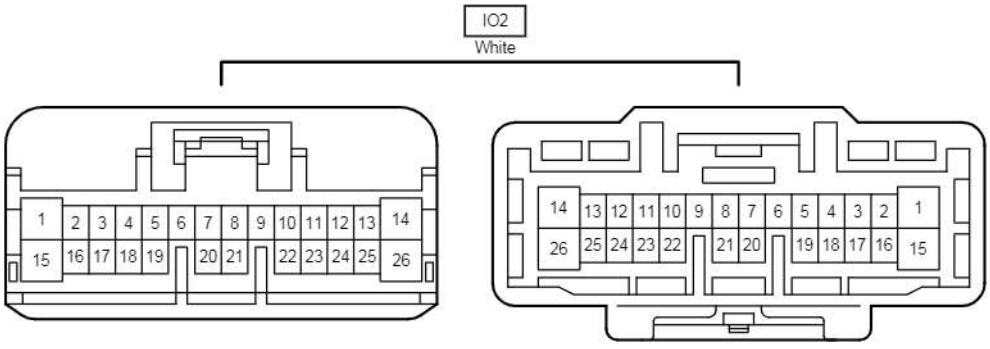
EA2
White

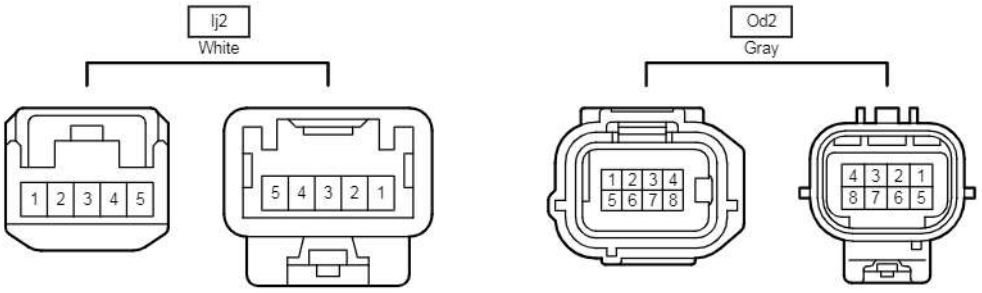


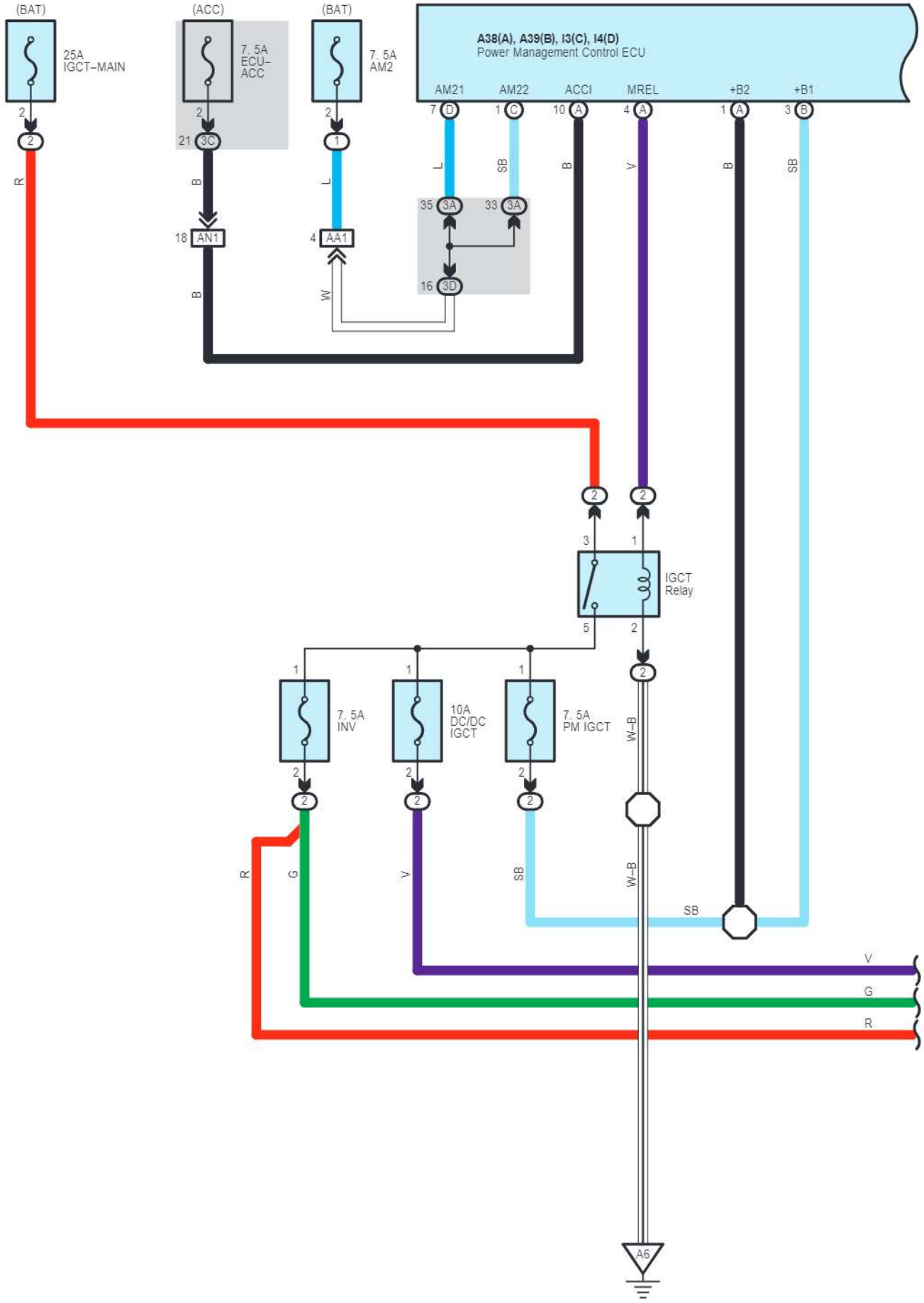
IA3
Blue

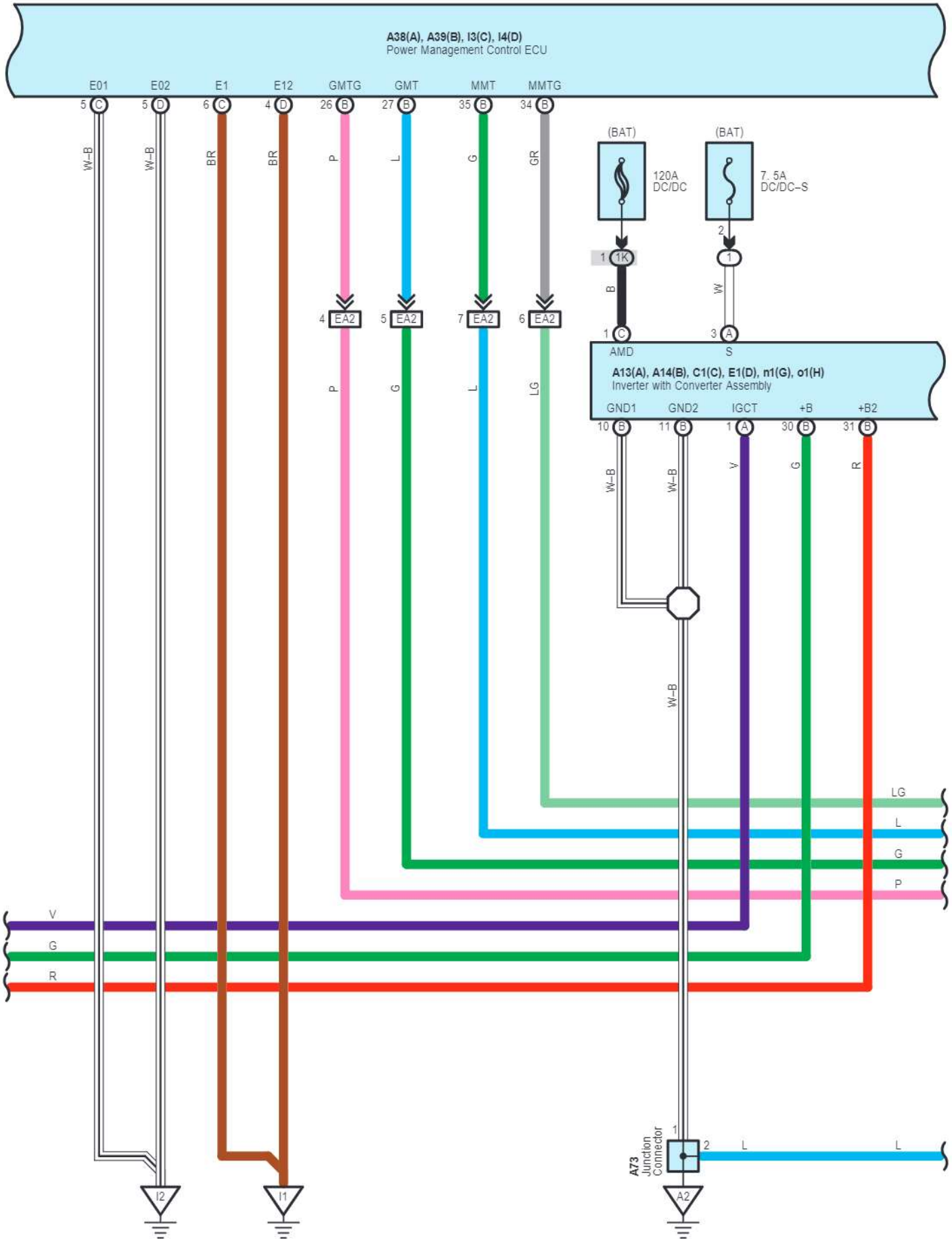


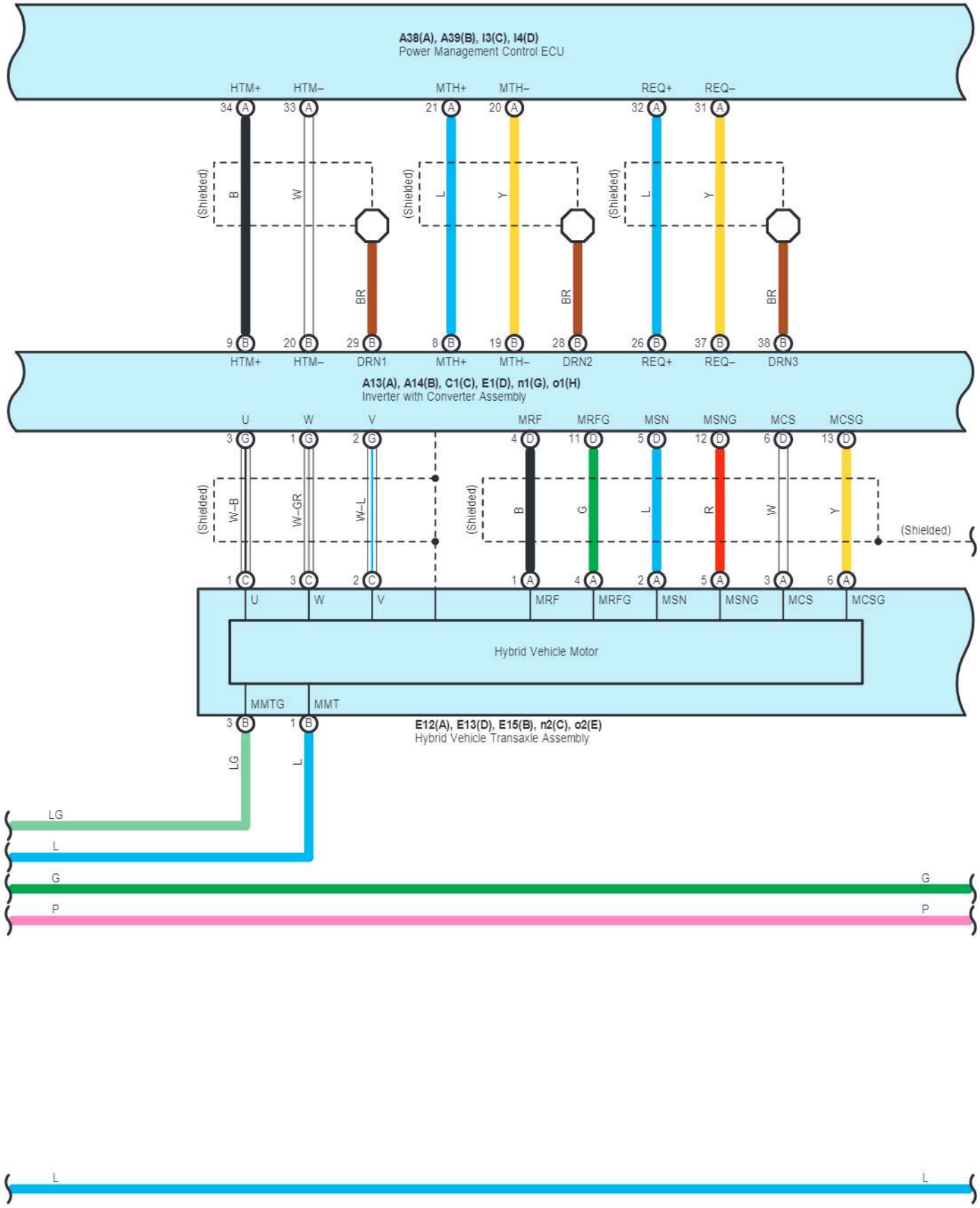
IO2
White

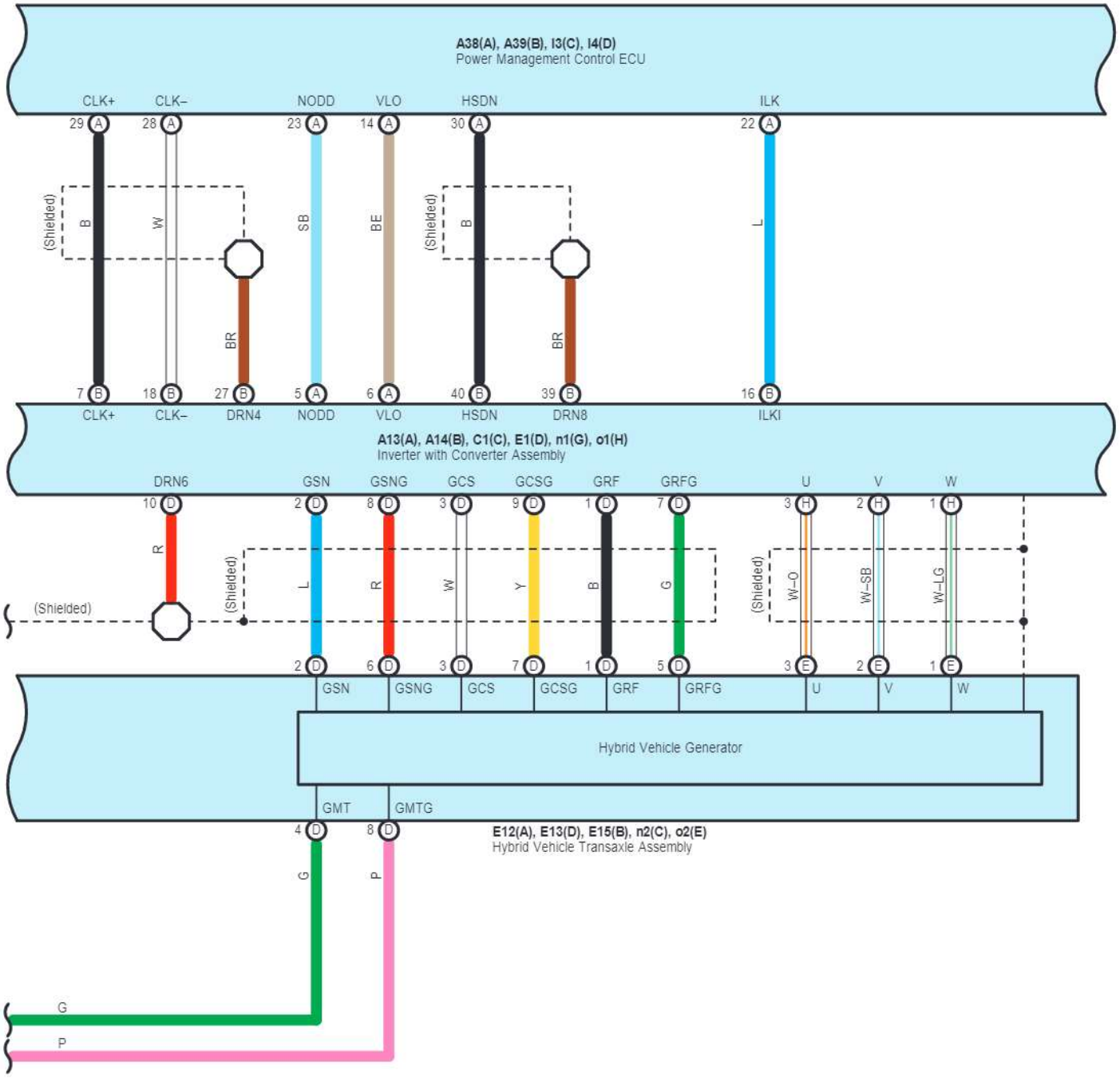


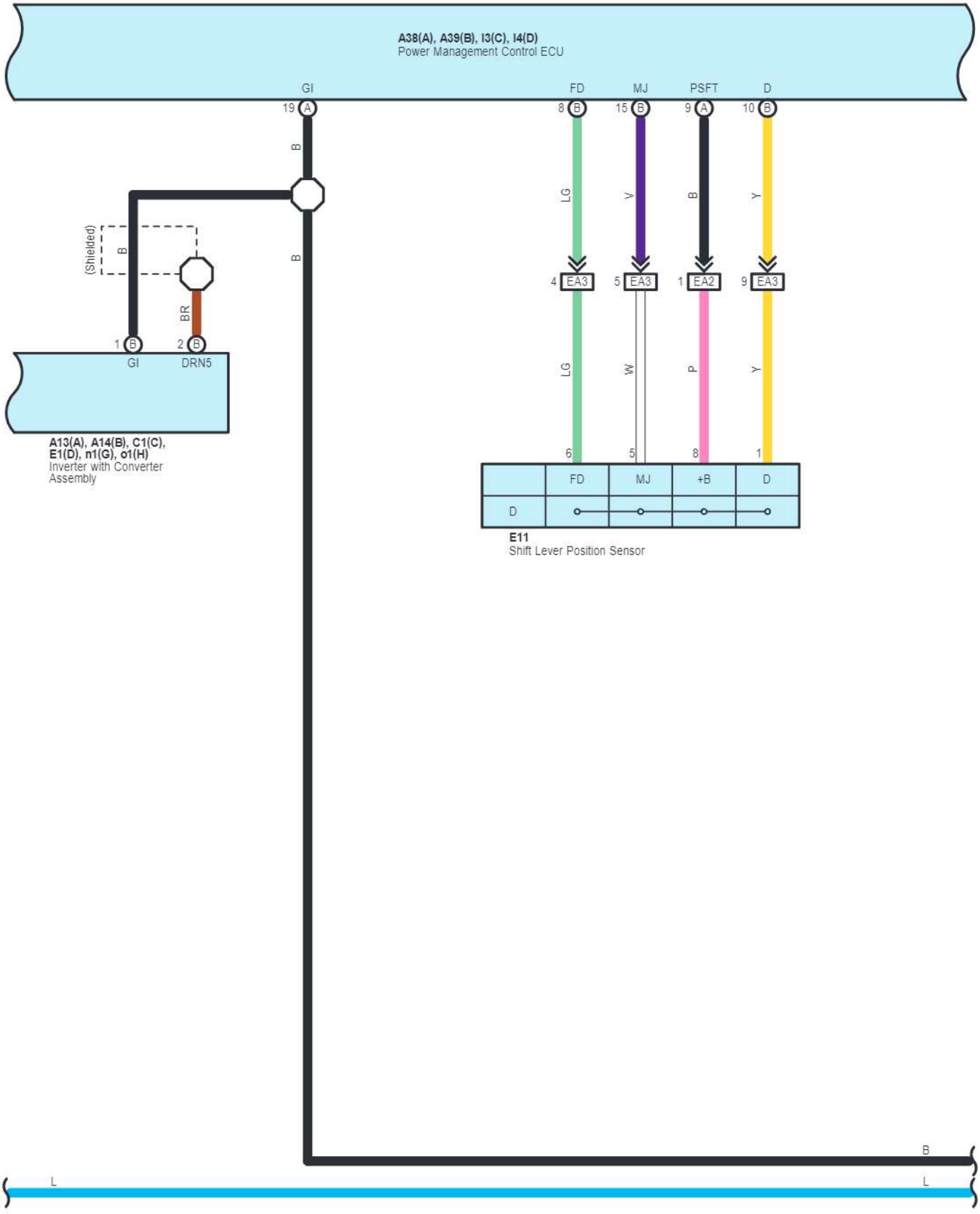

Ij2
White
1 2 3 4 5
5 4 3 2 1
Od2
Gray
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5

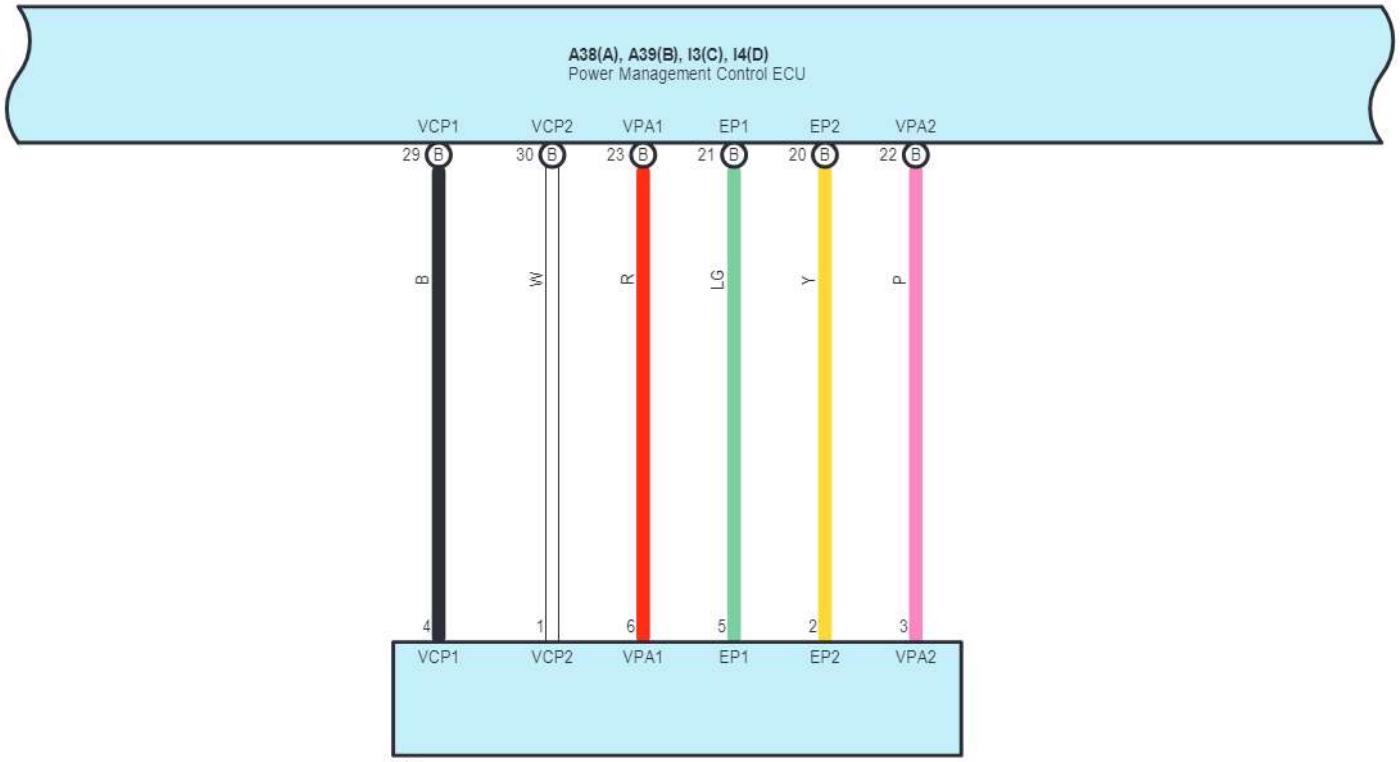

(BAT)
25A
IGCT–MAIN
(ACC)
7. 5A
ECU–
ACC
(BAT)
7. 5A
AM2
A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
AM21
AM22
ACCI
MREL
+B2
+B1
IGCT
Relay
7. 5A
INV
10A
DC/DC
IGCT
7. 5A
PM IGCT
A6


A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
E01
E02
E1
E12
GMTG
GMT
MMT
MMTG
5 C
5 D
6 C
4 D
26 B
27 B
35 B
34 B
W-B
W-B
BR
BR
P
L
G
GR
(BAT)
120A
DC/DC
(BAT)
7. 5A
DC/DC-S
2
1 1K
1
B
W
1 C
3 A
AMD
S
A13(A), A14(B), C1(C), E1(D), n1(G), o1(H)
Inverter with Converter Assembly
GND1
GND2
IGCT
+B
+B2
10 B
11 B
1 A
30 B
31 B
W-B
W-B
V
G
R
4 EA2
5 EA2
7 EA2
6 EA2
P
G
L
LG
W-B
LG
L
G
P
V
G
R
A73
Junction
Connector
1
2
L
L
I2
I1
A2

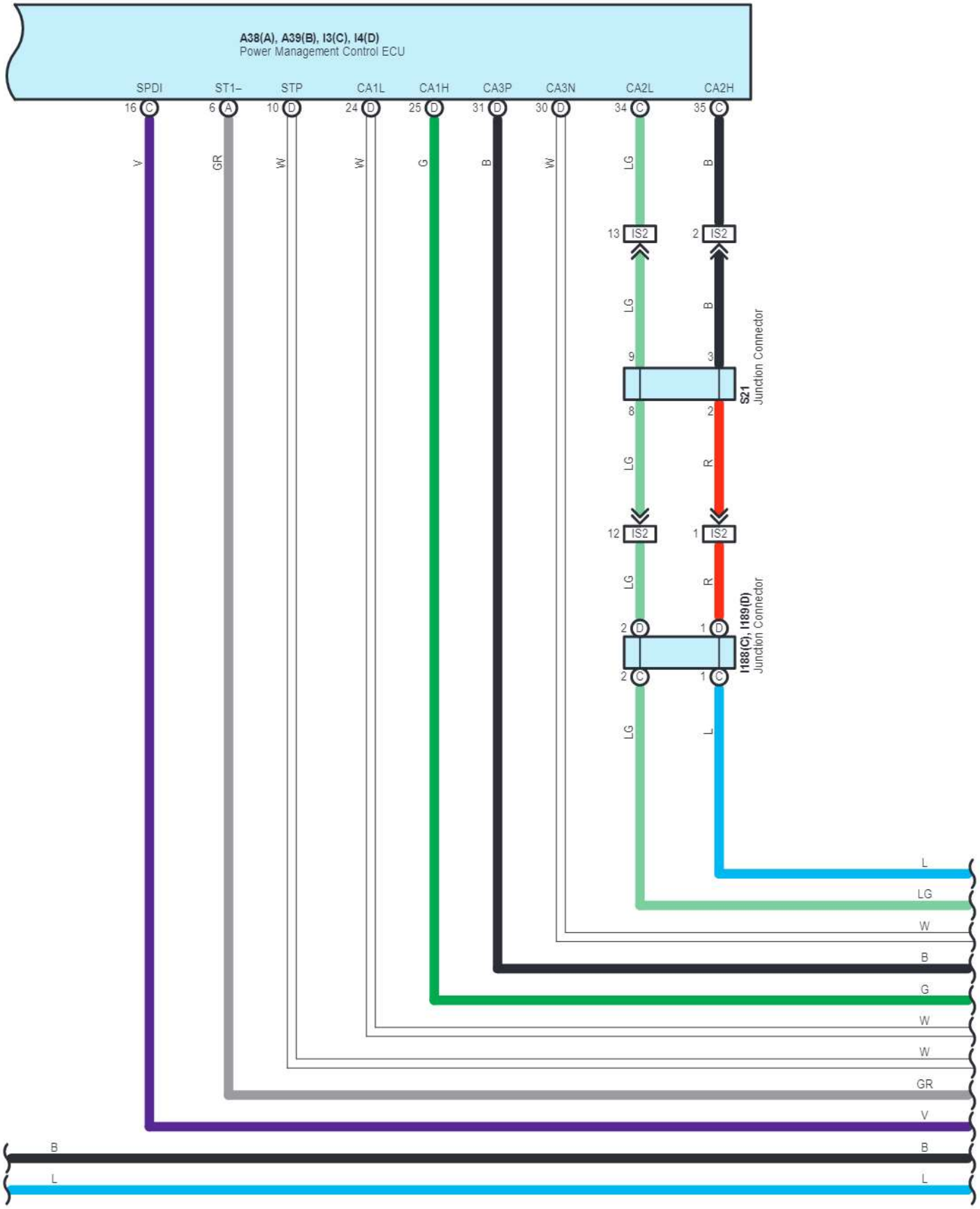

A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
HTM+
HTM–
MTH+
MTH–
REQ+
REQ–
34 A
33 A
21 A
20 A
32 A
31 A
(Shielded)
B
W
L
Y
L
Y
BR
BR
BR
9 B
20 B
29 B
8 B
19 B
28 B
26 B
37 B
38 B
HTM+
HTM–
DRN1
MTH+
MTH–
DRN2
REQ+
REQ–
DRN3
A13(A), A14(B), C1(C), E1(D), n1(G), o1(H)
Inverter with Converter Assembly
U
W
V
MRF
MRFG
MSN
MSNG
MCS
MCSG
3 G
1 G
2 G
4 D
11 D
5 D
12 D
6 D
13 D
(Shielded)
W–B
W–GR
W–L
B
G
L
R
W
Y
(Shielded)
(Shielded)
1 C
3 C
2 C
1 A
4 A
2 A
5 A
3 A
6 A
U
W
V
MRF
MRFG
MSN
MSNG
MCS
MCSG
Hybrid Vehicle Motor
MMTG
MMT
3 B
1 B
E12(A), E13(D), E15(B), n2(C), o2(E)
Hybrid Vehicle Transaxle Assembly
LG
L
LG
L
G
G
P
P
L
L

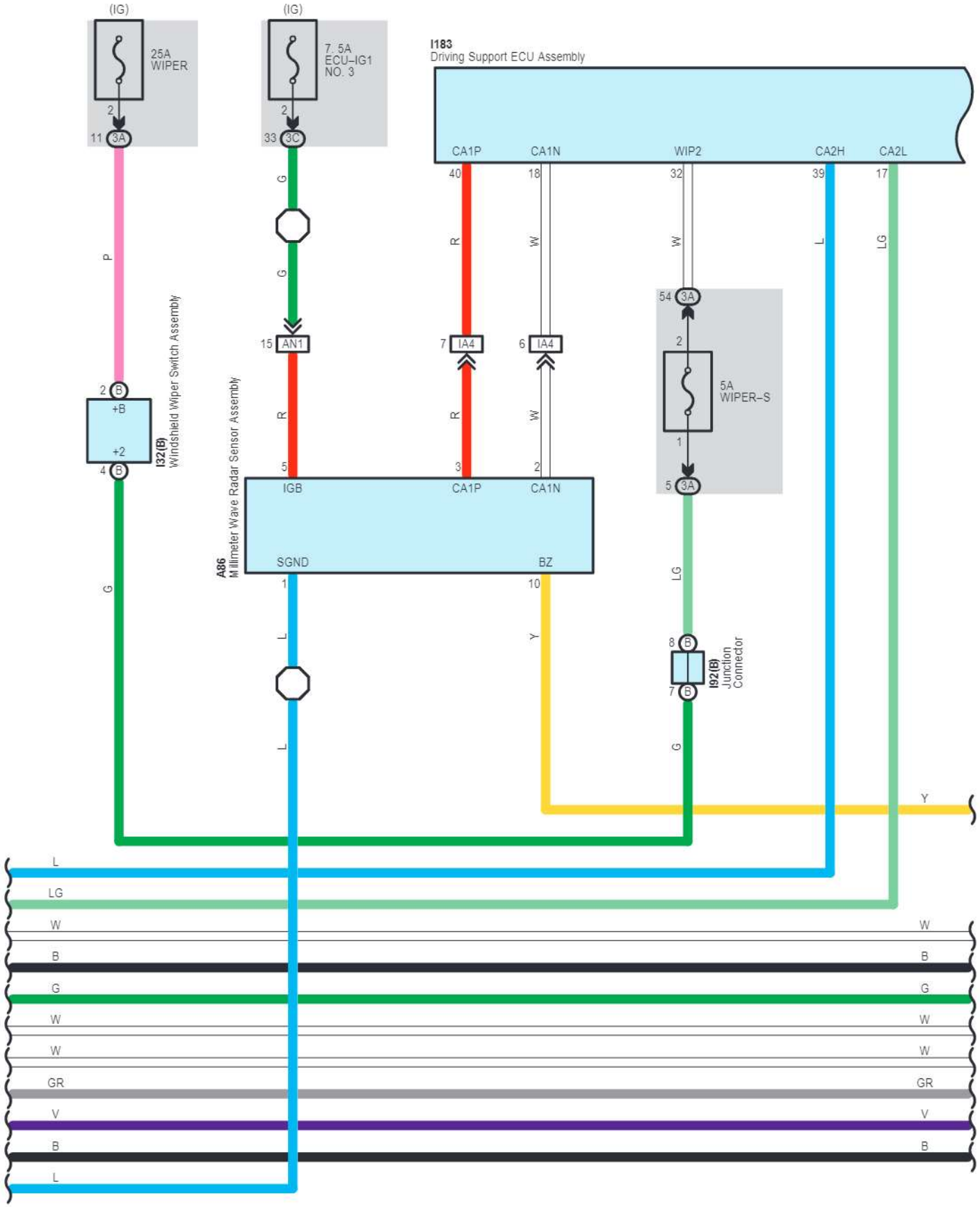

A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
CLK+
CLK–
NODD
VLO
HSDN
ILK
29 A
28 A
23 A
14 A
30 A
22 A
(Shielded)
B
W
SB
BE
B
L
BR
BR
7 B
18 B
27 B
5 A
6 A
40 B
39 B
16 B
CLK+
CLK–
DRN4
NODD
VLO
HSDN
DRN8
ILKI
A13(A), A14(B), C1(C), E1(D), n1(G), o1(H)
Inverter with Converter Assembly
DRN6
GSN
GSNG
GCS
GCSG
GRF
GRFG
U
V
W
10 D
2 D
8 D
3 D
9 D
1 D
7 D
3 H
2 H
1 H
(Shielded)
R
(Shielded)
L
R
W
Y
B
G
(Shielded)
W–O
W–SB
W–LG
2 D
6 D
3 D
7 D
1 D
5 D
3 E
2 E
1 E
GSN
GSNG
GCS
GCSG
GRF
GRFG
U
V
W
Hybrid Vehicle Generator
GMT
GMTG
4 D
8 D
E12(A), E13(D), E15(B), n2(C), o2(E)
Hybrid Vehicle Transaxle Assembly
G
P
G
P
L
L

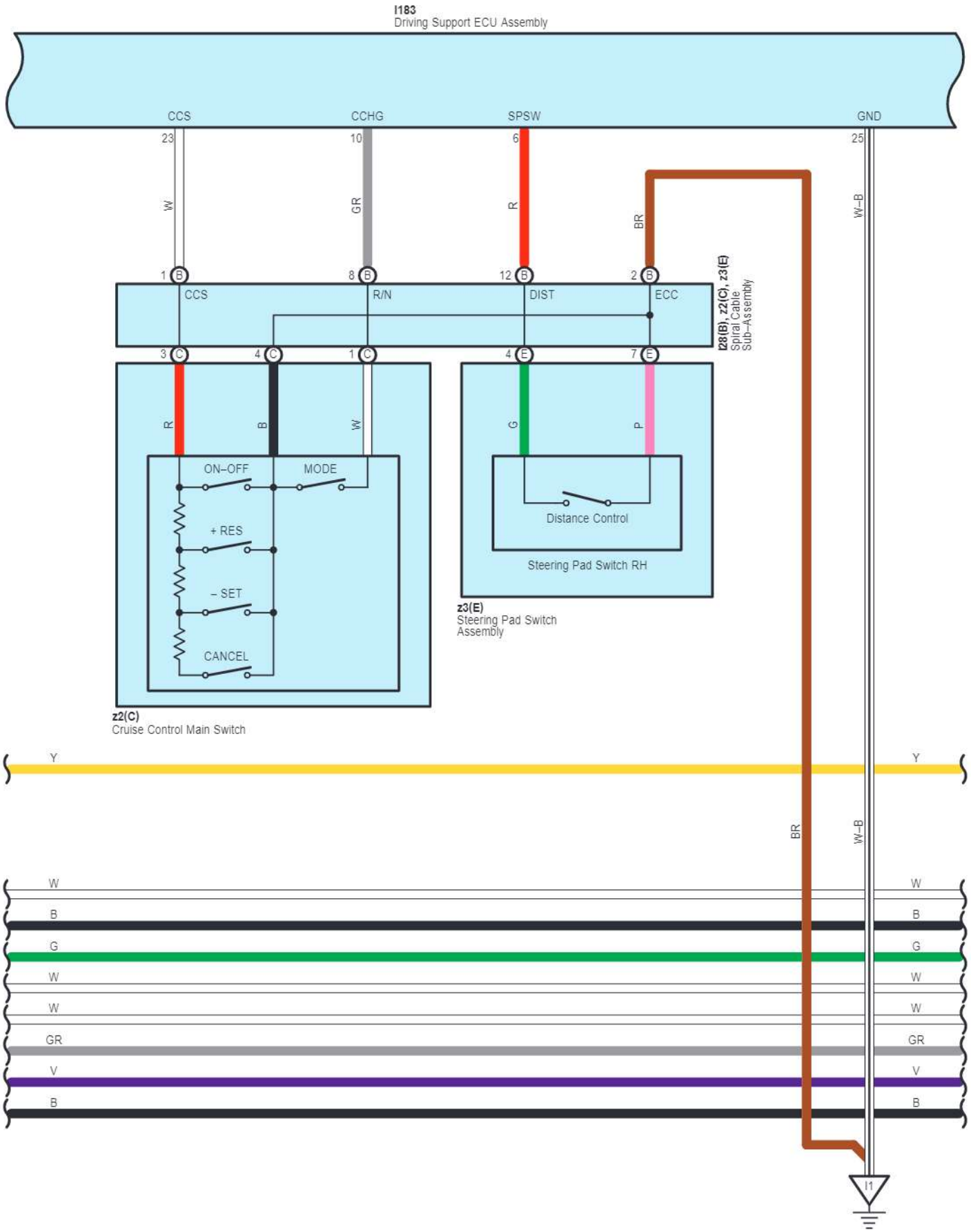

A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
GI
FD
MJ
PSFT
D
19 A
8 B
15 B
9 A
10 B
B
LG
V
B
Y
(Shielded)
B
BR
4 EA3
5 EA3
1 EA2
9 EA3
1 B
2 B
GI
DRN5
A13(A), A14(B), C1(C),
E1(D), n1(G), o1(H)
Inverter with Converter
Assembly
LG
W
P
Y
6
5
8
1
FD
MJ
+B
D
D
E11
Shift Lever Position Sensor
B
L
L

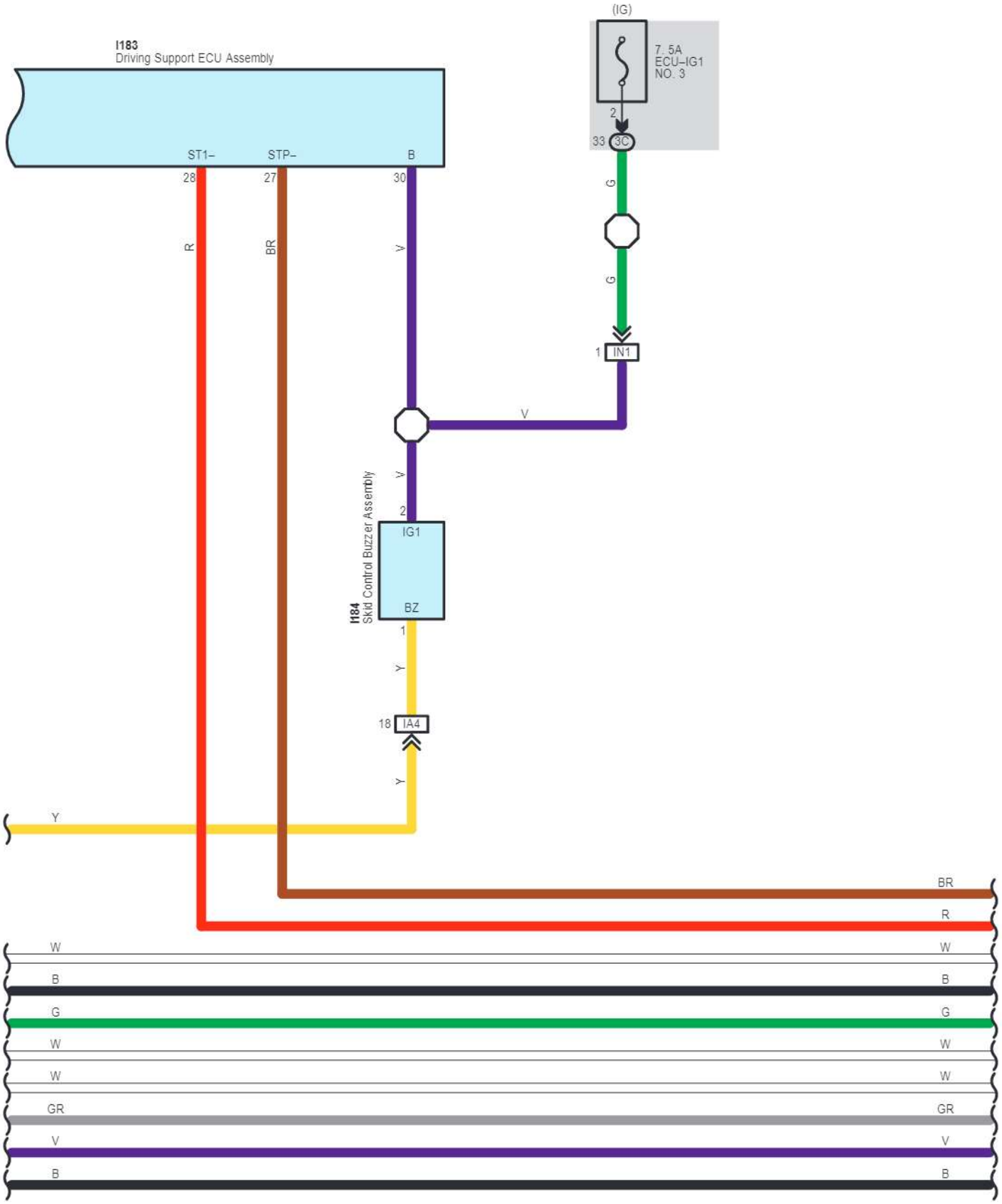

A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
VCP1
VCP2
VPA1
EP1
EP2
VPA2
29 B
30 B
23 B
21 B
20 B
22 B
B
W
R
LG
Y
P
4
1
6
5
2
3
VCP1
VCP2
VPA1
EP1
EP2
VPA2
A36
Accelerator Pedal Sensor Assembly

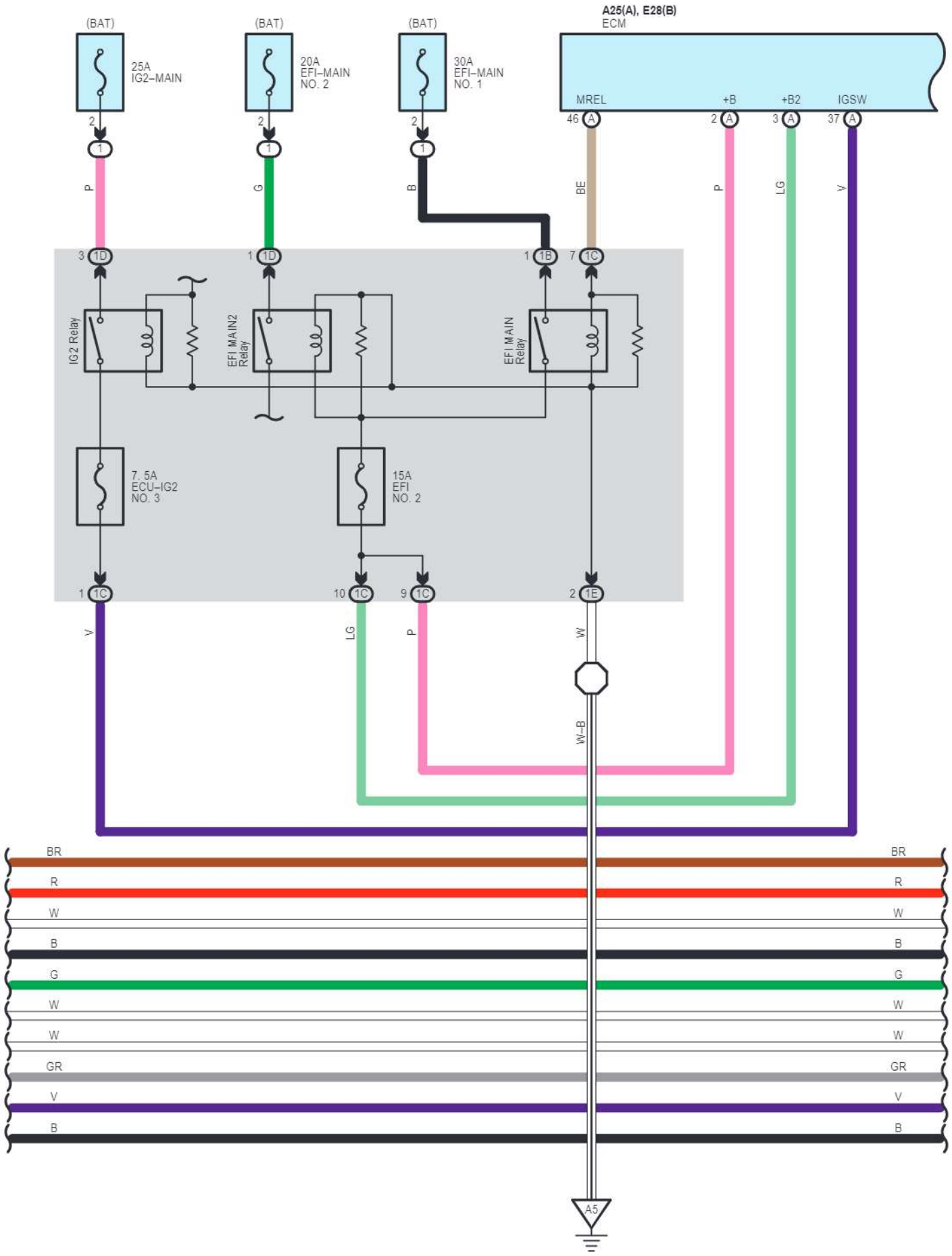

B
B
L
L

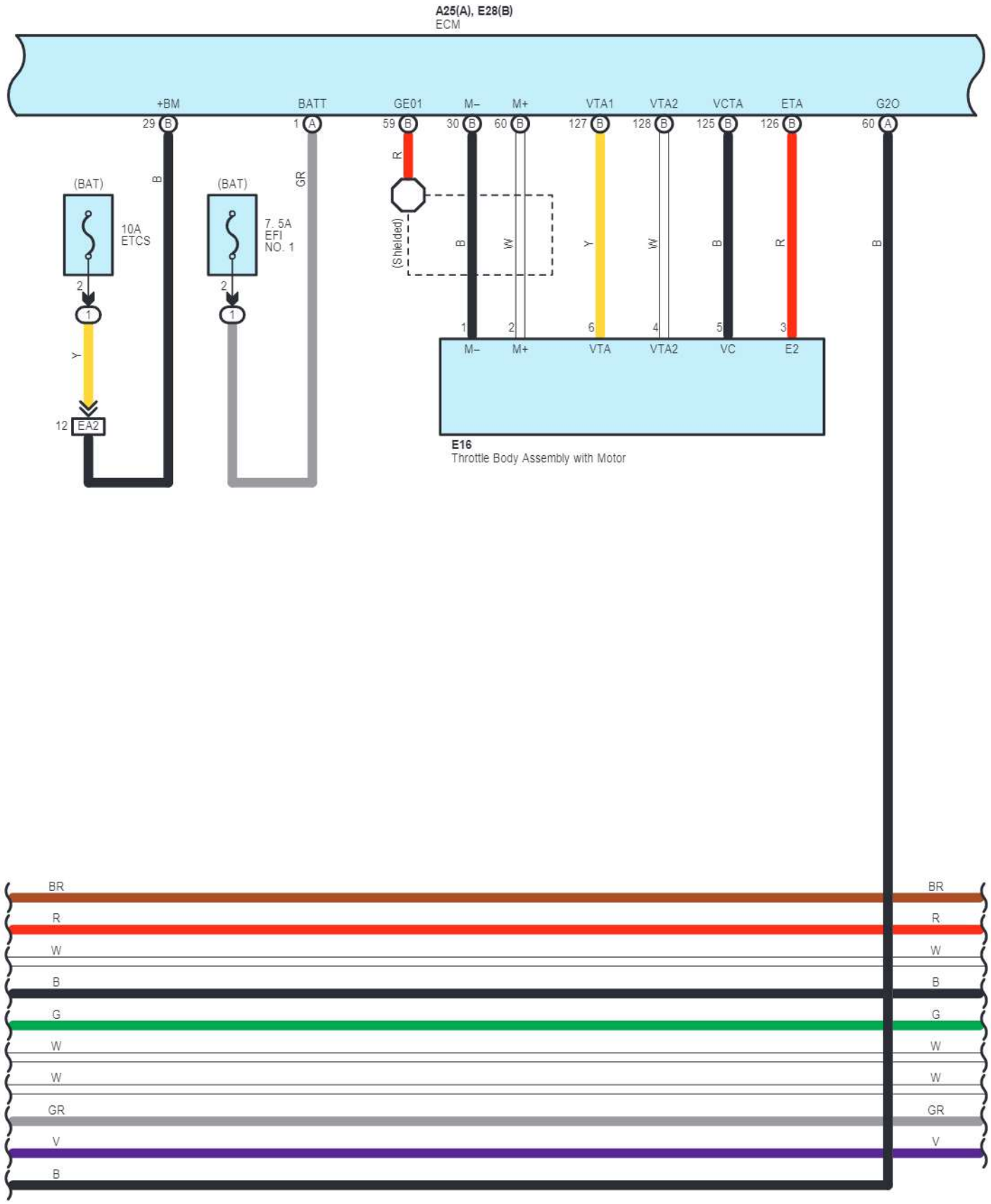

A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
SPDI
ST1–
STP
CA1L
CA1H
CA3P
CA3N
CA2L
CA2H
16 C
6 A
10 D
24 D
25 D
31 D
30 D
34 C
35 C
V
GR
W
W
G
B
W
LG
B
13 IS2
2 IS2
LG
B
9
3
S21
Junction Connector
8
2
LG
R
12 IS2
1 IS2
LG
R
2 D
1 D
I188(C), I189(D)
Junction Connector
2 C
1 C
LG
L
L
LG
W
B
G
W
W
GR
V
B
L
B
L

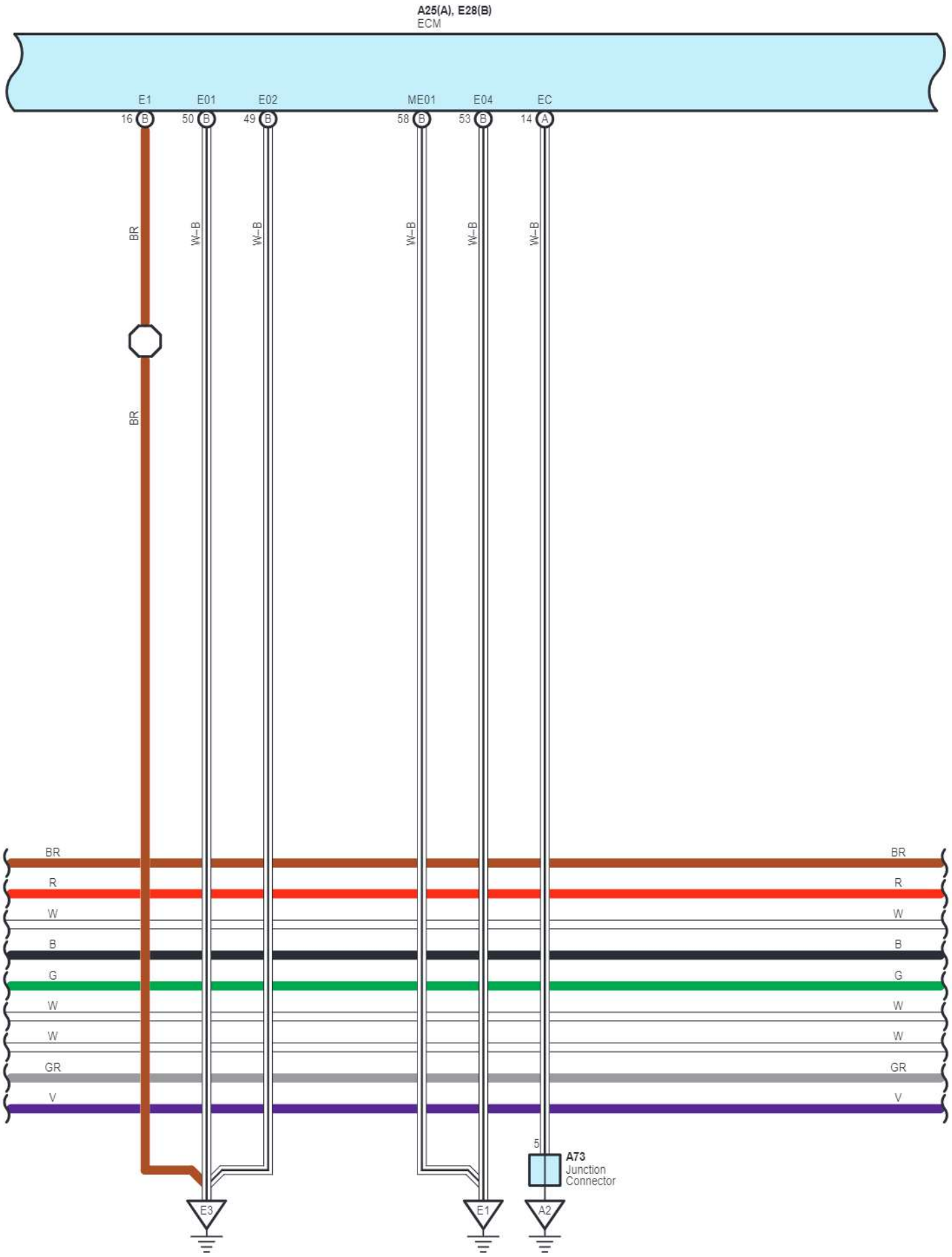

(IG)
25A
WIPER
2
11 3A
(IG)
7. 5A
ECU–IG1
NO. 3
2
33 3C
I183
Driving Support ECU Assembly
CA1P
CA1N
WIP2
CA2H
CA2L
40
18
32
39
17
G
G
P
R
W
W
L
LG
54 3A
2
5A
WIPER–S
1
5 3A
15 AN1
7 IA4
6 IA4
2 B
+B
+2
4 B
I32(B)
Windshield Wiper Switch Assembly
A86
Millimeter Wave Radar Sensor Assembly
IGB
CA1P
CA1N
SGND
BZ
5
3
2
1
10
R
R
W
W
G
L
L
Y
LG
8 B
7 B
I92(B)
Junction
Connector
G
Y
L
LG
W
B
G
W
W
GR
V
B
L
W
B
G
W
W
GR
V
B

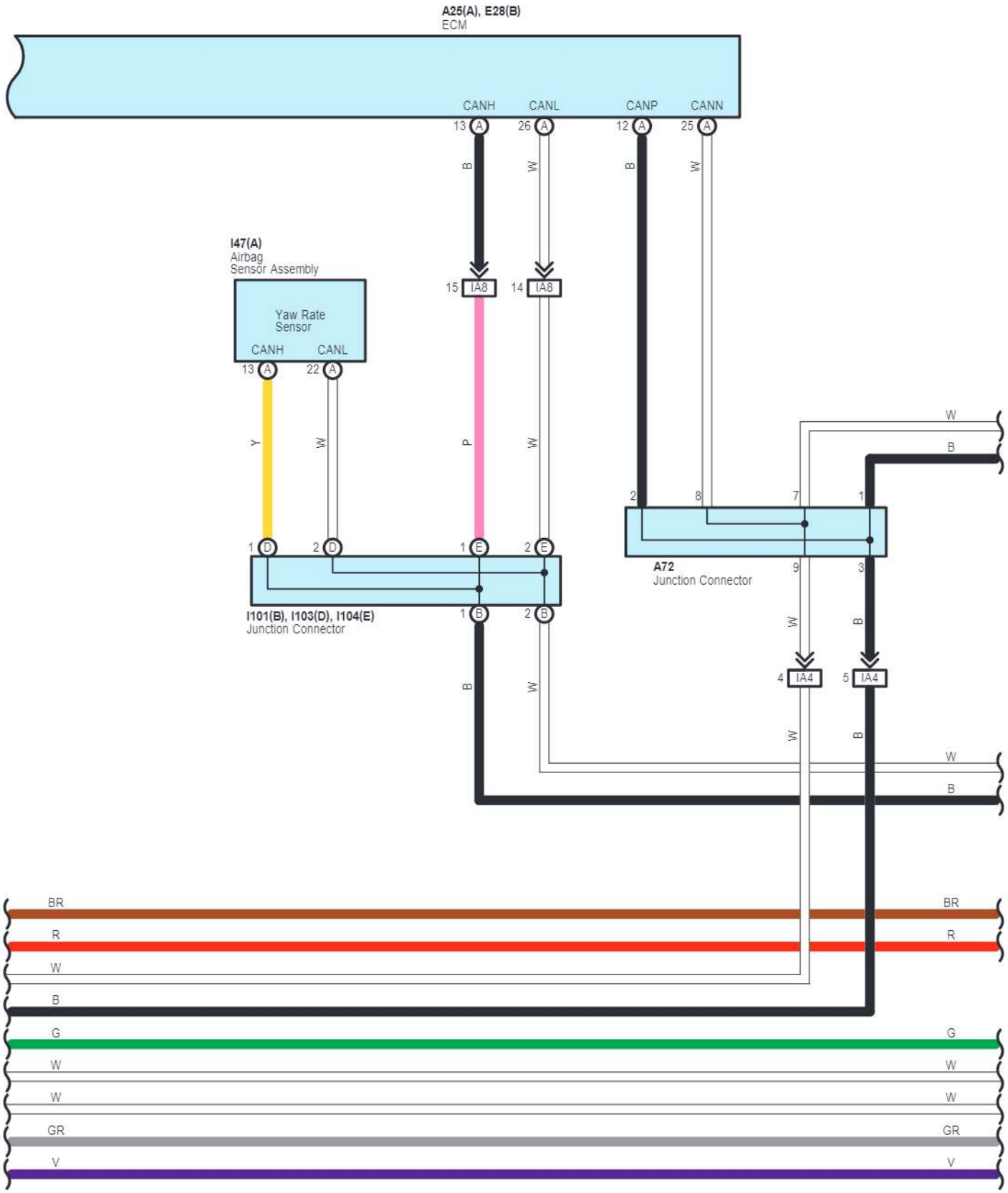

I183
Driving Support ECU Assembly
CCS
CCHG
SPSW
GND
23
10
6
25
W
GR
R
BR
W–B
1 B
8 B
12 B
2 B
CCS
R/N
DIST
ECC
I28(B), z2(C), z3(E)
Spiral Cable
Sub–Assembly
3 C
4 C
1 C
4 E
7 E
R
B
W
G
P
ON–OFF
MODE
+ RES
– SET
CANCEL
Distance Control
Steering Pad Switch RH
z2(C)
Cruise Control Main Switch
z3(E)
Steering Pad Switch
Assembly
Y
W
B
G
W
W
GR
V
B
I1

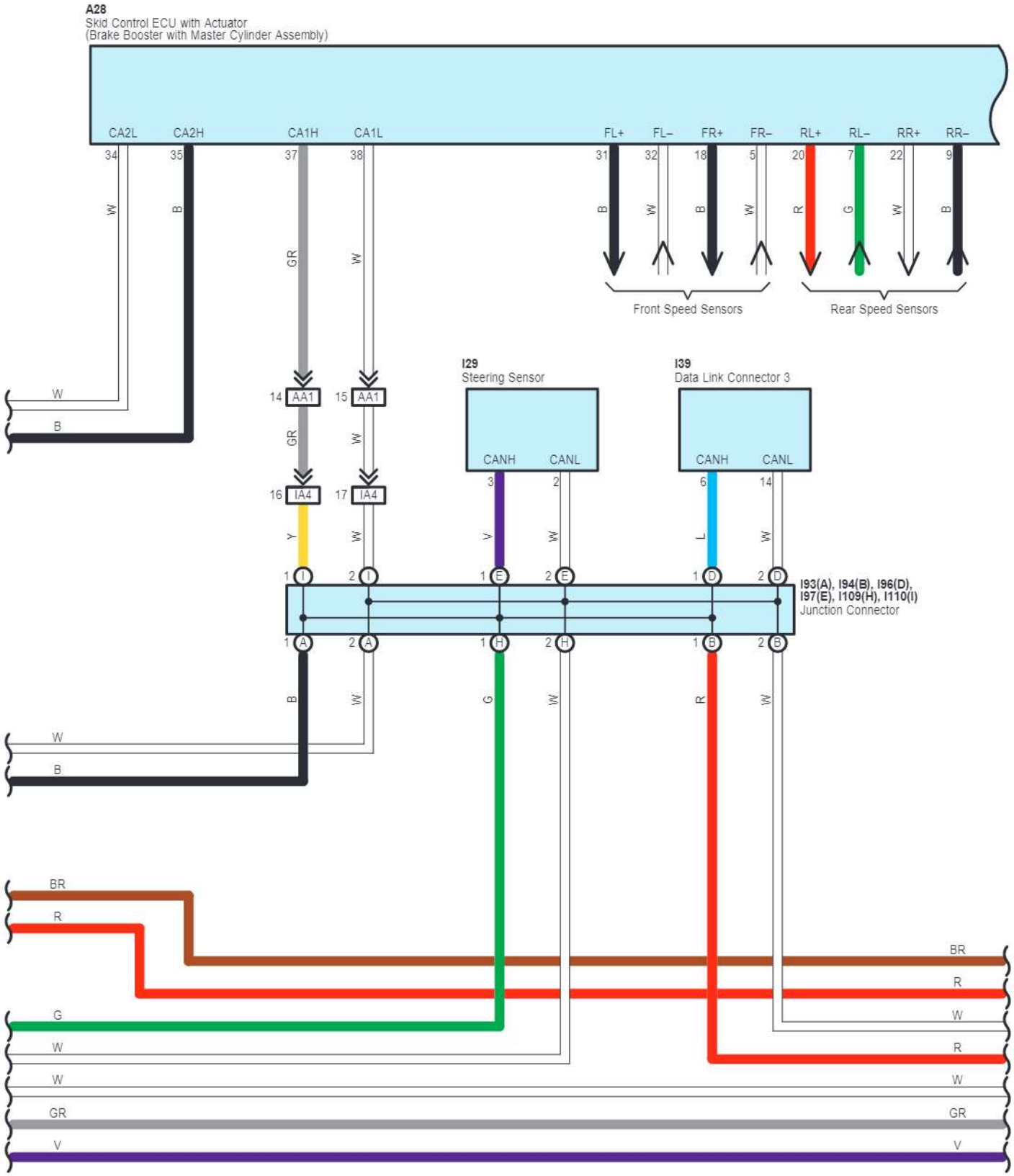

(IG)
7. 5A
ECU–IG1
NO. 3
2
33
3C
I183
Driving Support ECU Assembly
ST1–
STP–
B
28
27
30
R
BR
V
G
G
1
IN1
V
V
2
IG1
I184
Skid Control Buzzer Assembly
BZ
1
Y
18
IA4
Y
Y
BR
R
W
W
B
B
G
G
W
W
W
W
GR
GR
V
V
B
B

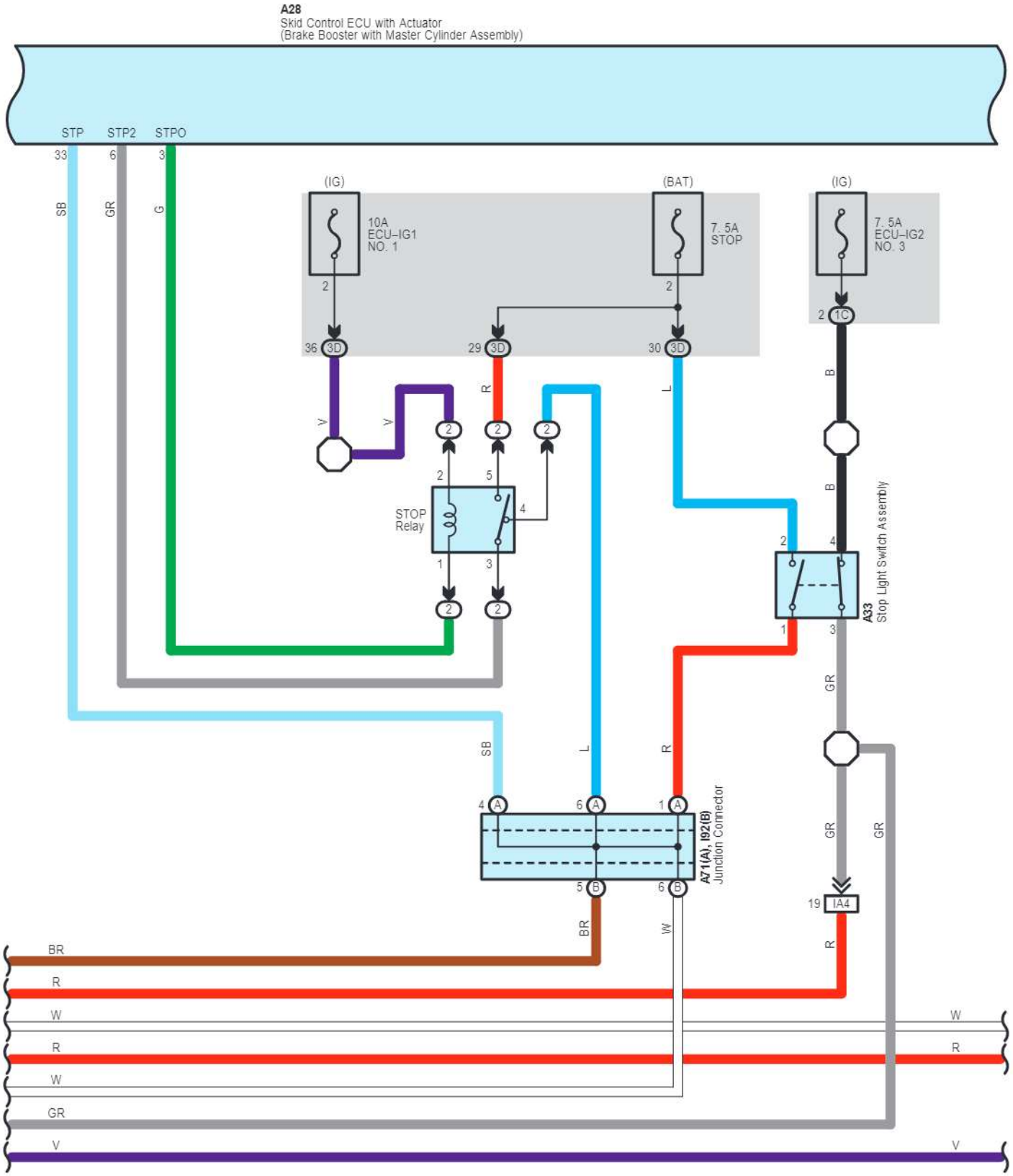

(BAT)
25A
IG2–MAIN
(BAT)
20A
EFI–MAIN
NO. 2
(BAT)
30A
EFI–MAIN
NO. 1
A25(A), E28(B)
ECM
MREL
+B
+B2
IGSW
46 A
2 A
3 A
37 A
BE
P
LG
V
G
B
IG2 Relay
EFI MAIN2
Relay
EFI MAIN
Relay
7. 5A
ECU–IG2
NO. 3
15A
EFI
NO. 2
W
W–B
BR
R
W
B
G
W
W
GR
V
B
A5

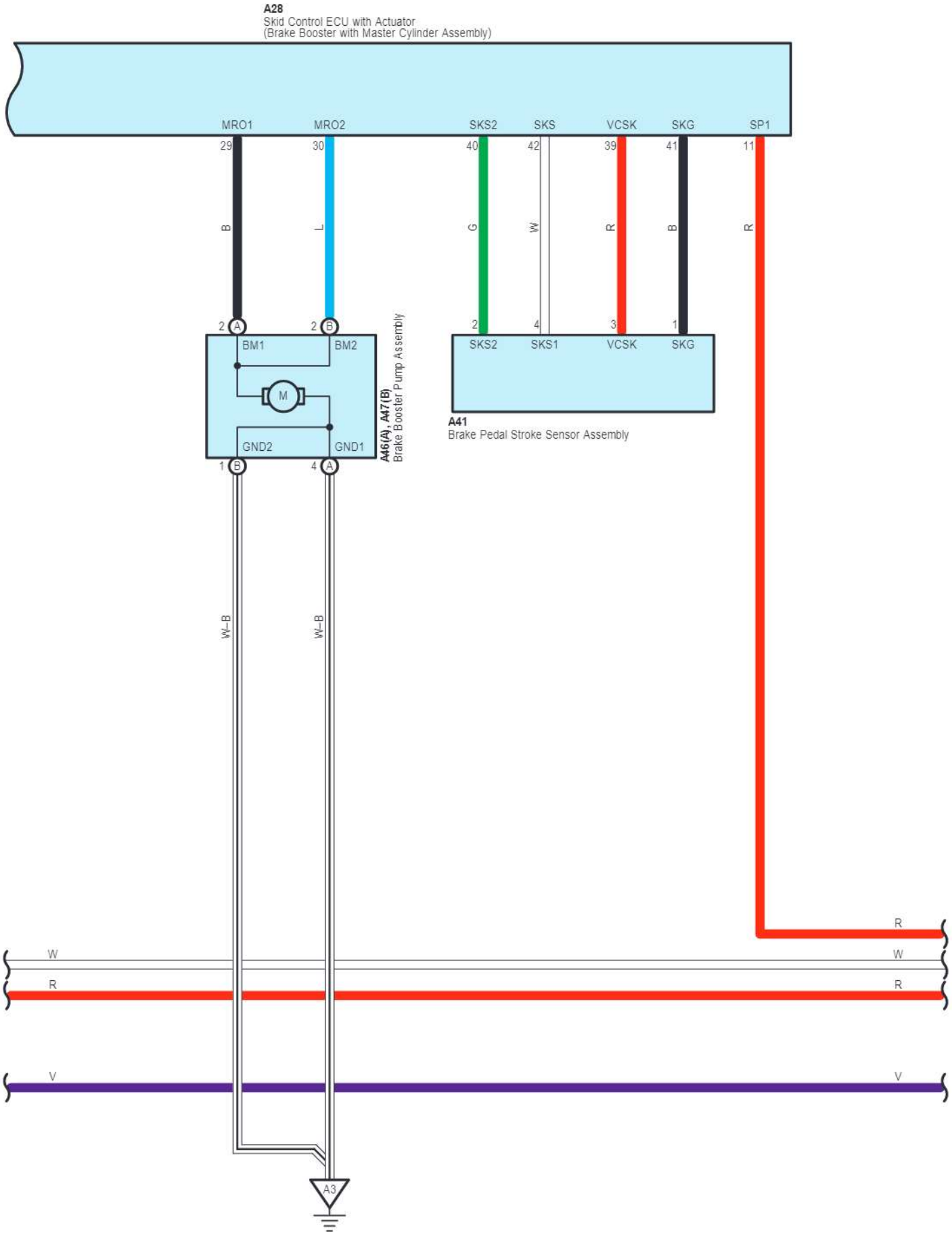

A25(A), E28(B)
ECM
+BM
BATT
GE01
M–
M+
VTA1
VTA2
VCTA
ETA
G2O
29 B
1 A
59 B
30 B
60 B
127 B
128 B
125 B
126 B
60 A
(BAT)
10A
ETCS
(BAT)
7. 5A
EFI
NO. 1
(Shielded)
12 EA2
M–
M+
VTA
VTA2
VC
E2
E16
Throttle Body Assembly with Motor
BR
R
W
B
G
W
W
GR
V
B

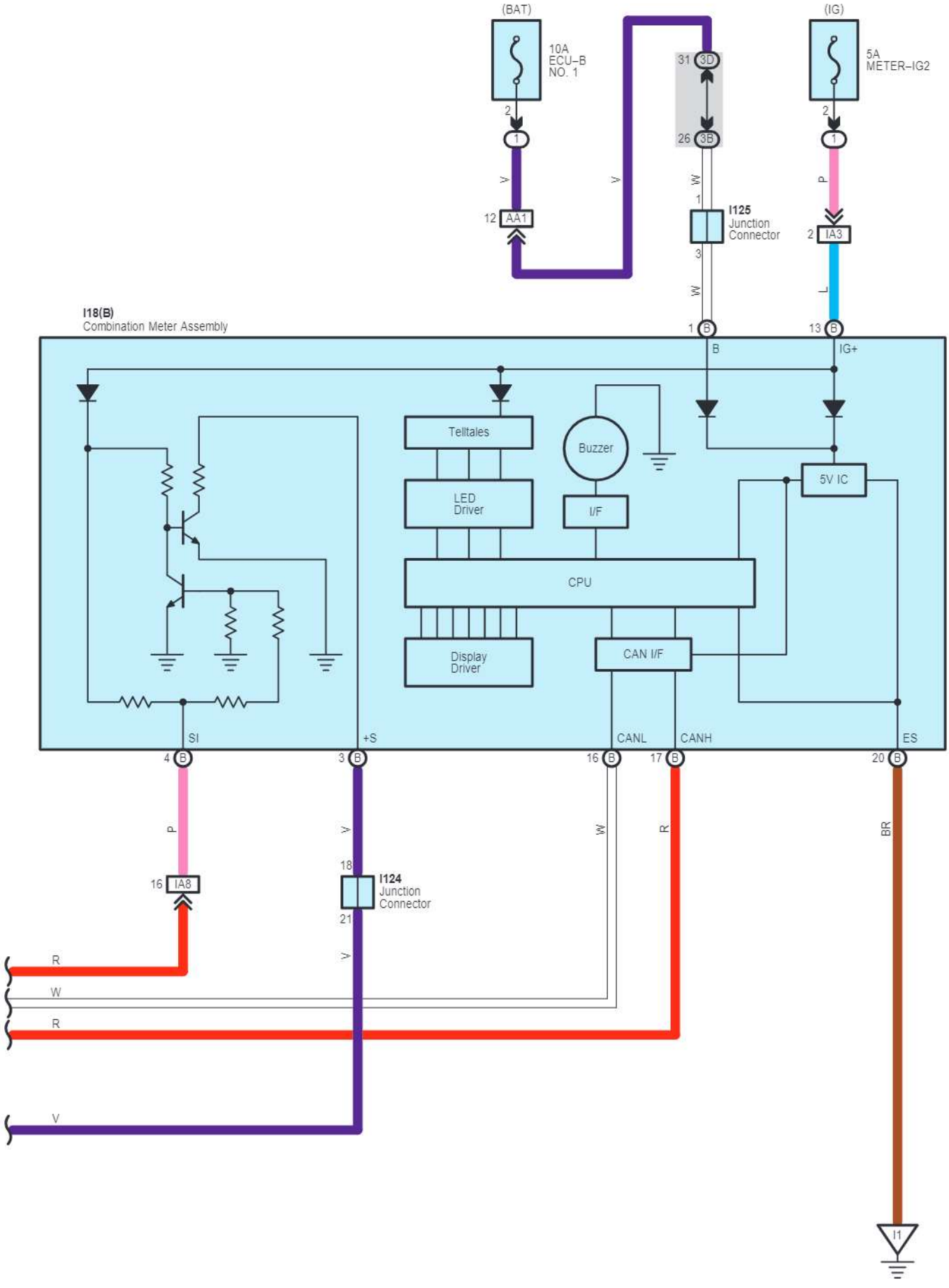

A25(A), E28(B)
ECM
E1
E01
E02
ME01
E04
EC
16 B
50 B
49 B
58 B
53 B
14 A
BR
W-B
W-B
W-B
W-B
W-B
BR
BR
R
W
B
G
W
W
GR
V
BR
R
W
B
G
W
W
GR
V
5
A73
Junction
Connector
E3
E1
A2


A25(A), E28(B)
ECM
CANH
CANL
CANP
CANN
13 A
26 A
12 A
25 A
B
W
B
W
I47(A)
Airbag
Sensor Assembly
Yaw Rate
Sensor
CANH
CANL
13 A
22 A
15 IA8
14 IA8
Y
W
P
W
1 D
2 D
1 E
2 E
I101(B), I103(D), I104(E)
Junction Connector
1 B
2 B
B
W
2
8
7
1
A72
Junction Connector
9
3
W
B
W
B
4 IA4
5 IA4
W
B
W
B
BR
R
W
B
G
W
W
GR
V
BR
R
G
W
W
GR
V

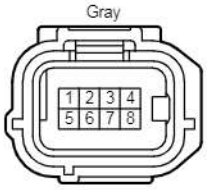

A28
Skid Control ECU with Actuator
(Brake Booster with Master Cylinder Assembly)
CA2L
CA2H
CA1H
CA1L
FL+
FL−
FR+
FR−
RL+
RL−
RR+
RR−
34
35
37
38
31
32
18
5
20
7
22
9
W
B
GR
W
B
R
G
W
B
Front Speed Sensors
Rear Speed Sensors
14 AA1
15 AA1
16 IA4
17 IA4
I29
Steering Sensor
CANH
CANL
I39
Data Link Connector 3
CANH
CANL
3
2
6
14
Y
W
V
W
L
W
1 I
2 I
1 E
2 E
1 D
2 D
I93(A), I94(B), I96(D),
I97(E), I109(H), I110(I)
Junction Connector
1 A
2 A
1 H
2 H
1 B
2 B
B
W
G
W
R
W
W
B
BR
R
G
W
W
GR
V
BR
R
W
R
W
GR
V


A28
Skid Control ECU with Actuator
(Brake Booster with Master Cylinder Assembly)
STP
STP2
STPO
33
6
3
SB
GR
G
(IG)
10A
ECU-IG1
NO. 1
(BAT)
7.5A
STOP
(IG)
7.5A
ECU-IG2
NO. 3
36 3D
29 3D
30 3D
2 1C
B
V
R
L
STOP
Relay
A33
Stop Light Switch Assembly
A71(A), I92(B)
Junction Connector
19 IA4
BR
W
GR

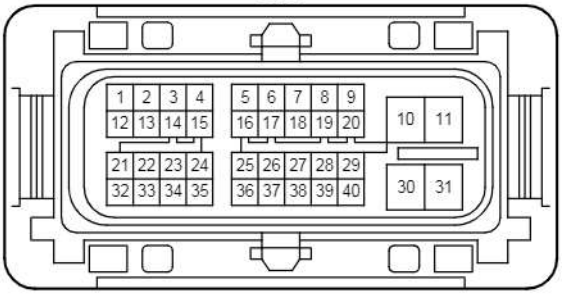

A28
Skid Control ECU with Actuator
(Brake Booster with Master Cylinder Assembly)
MRO1
MRO2
SKS2
SKS
VCSK
SKG
SP1
29
30
40
42
39
41
11
B
L
G
W
R
B
R
2 A
2 B
BM1
BM2
M
GND2
GND1
1 B
4 A
A46(A), A47(B)
Brake Booster Pump Assembly
2
4
3
1
SKS2
SKS1
VCSK
SKG
A41
Brake Pedal Stroke Sensor Assembly
W-B
W-B
R
W
W
R
R
V
V
A3


(BAT)
10A
ECU-B
NO. 1
(IG)
5A
METER-IG2
31 3D
26 3B
I125
Junction
Connector
I18(B)
Combination Meter Assembly
Telltales
Buzzer
LED
Driver
I/F
5V IC
CPU
Display
Driver
CAN I/F
SI
+S
CANL
CANH
ES
I124
Junction
Connector
IA8
IA3
AA1
I1

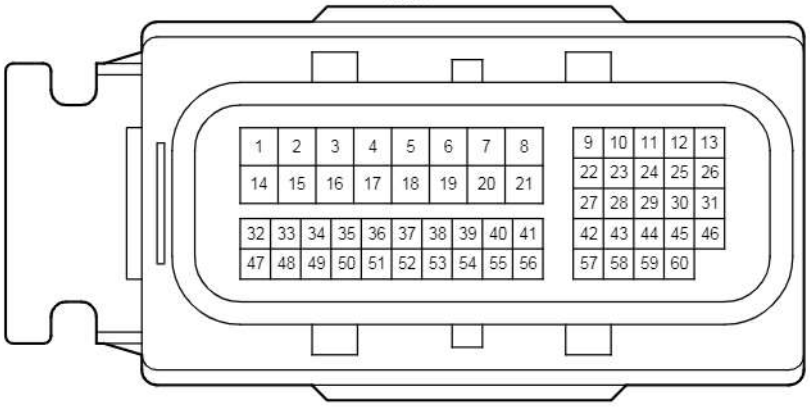
A 13
Gray



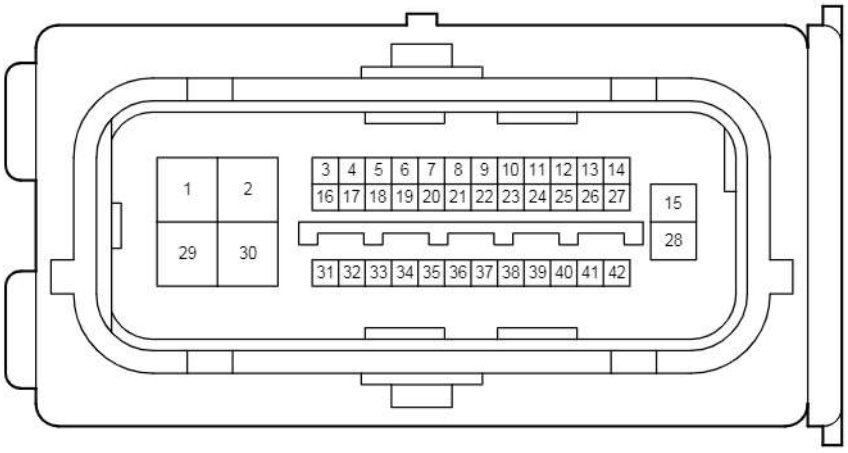
A 14
Black



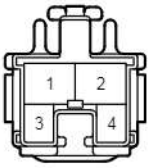
A 25
Black



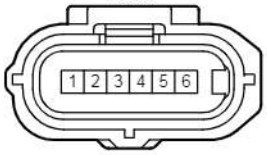
A 28
Black



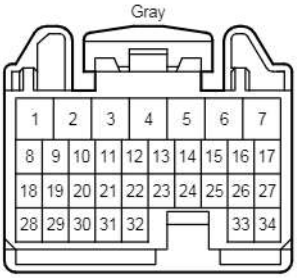
A 33
White



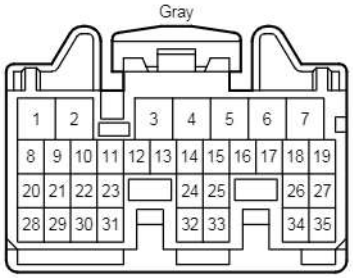
A 36
Black



A 38
Gray



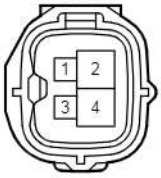
A 39
Gray



A 41
Black



A 46
Black



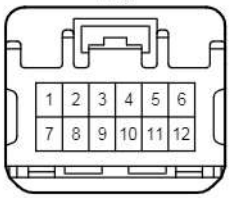
A 47
Black



A 71
Gray



A 72
White



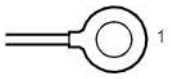
A 73
Gray



A 86
Black



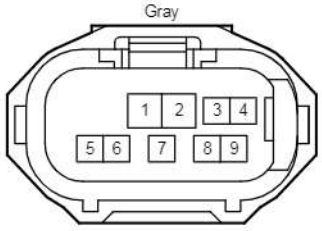
C 1



E 1
Gray



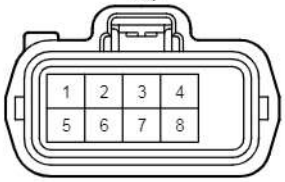
E 11
Gray



E 12
Gray



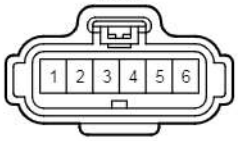
E 13
Gray



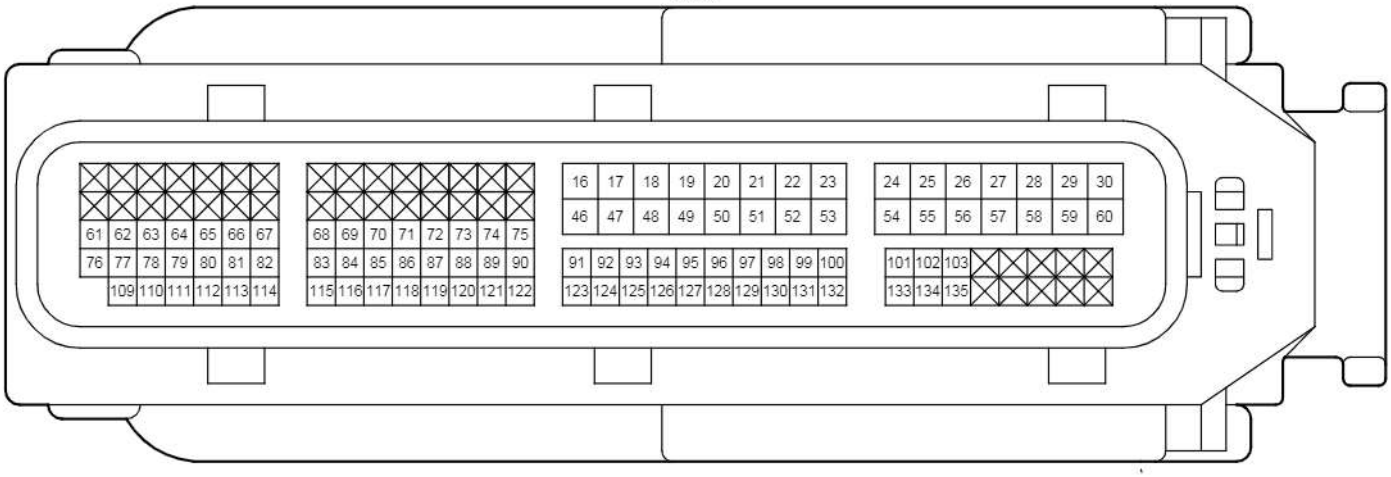
E 15
Gray



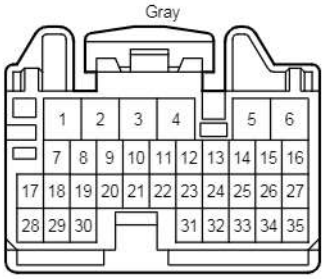
E 16
Black



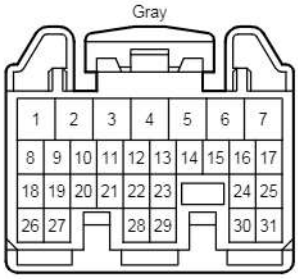
E 28
Black



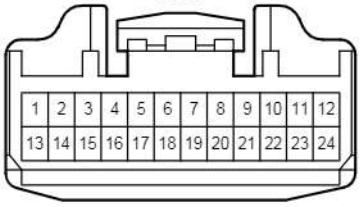
I 3
Gray



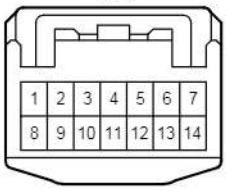
I 4
Gray



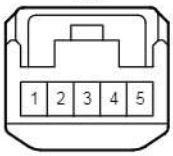
I 18
Black



I 28
Black



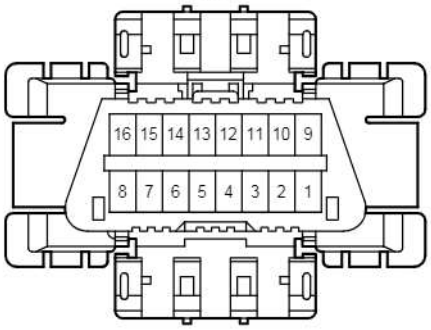
I 29
Blue



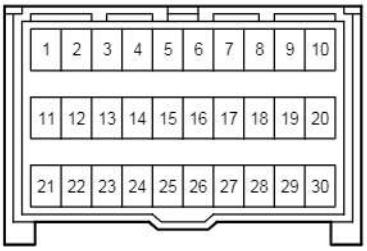
I 32
White



I 39
White



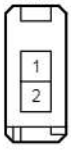
I 47
Yellow



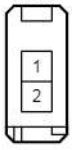
I 92
Gray



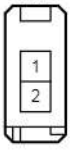
I 93
White



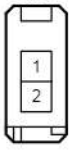
I 94
White



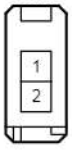
I 96
White



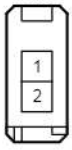
I 97
White



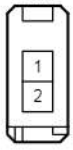
I101
White



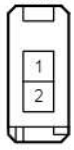
I103
White



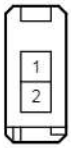
I104
White



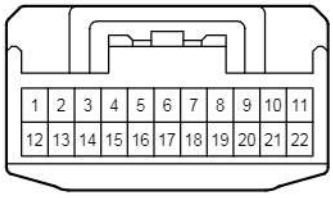
I109
White



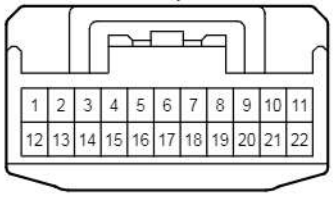
I110
White



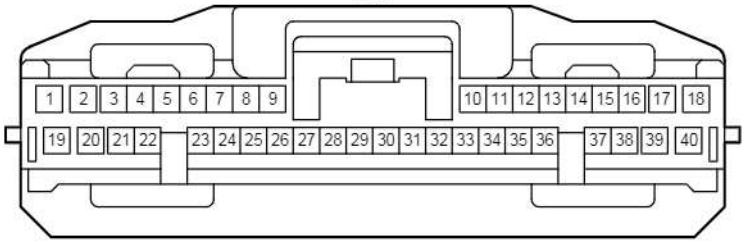
I124
White



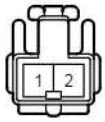
I125
Gray



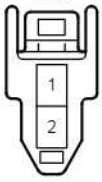
I183
White



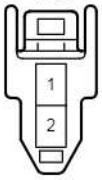
I184
Blue



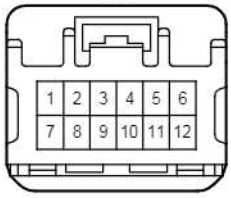
I188
White



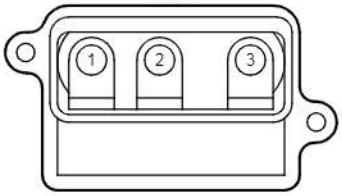
I189
White



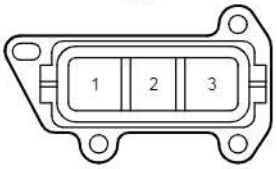
S 21
White



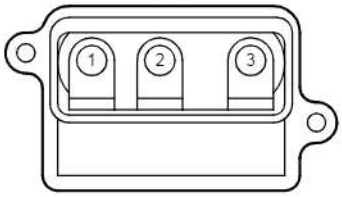
n 1
White



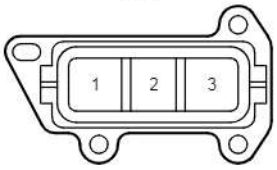
n 2
White



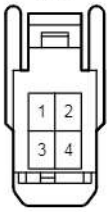
o 1
White



o 2
White



z 2
White



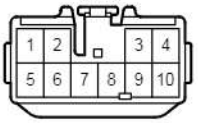
z 3
Black



1B
White



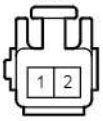
1C
White



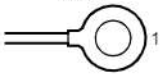
1D
White



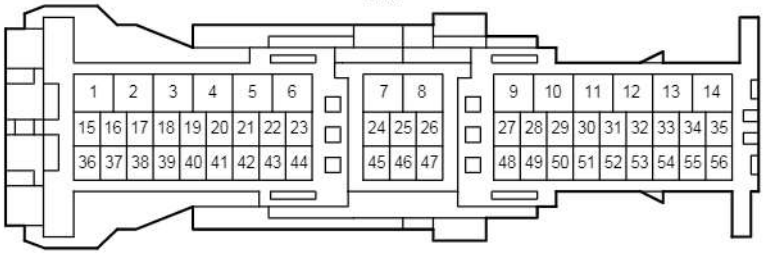
1E
White



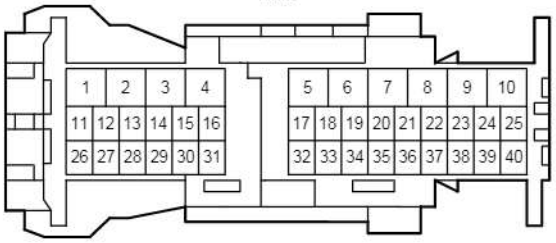
1K
White



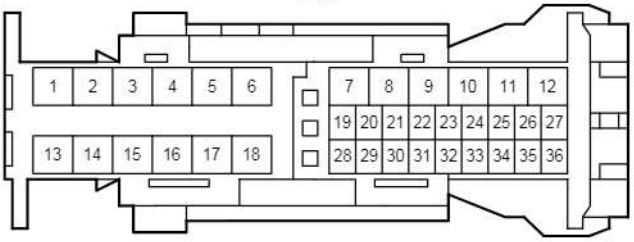
3A
White



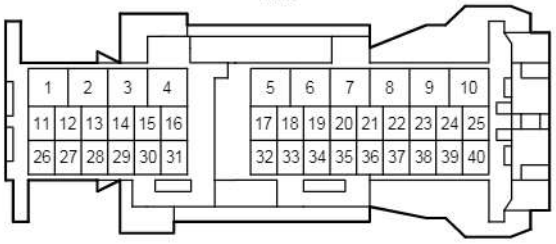
3B
White



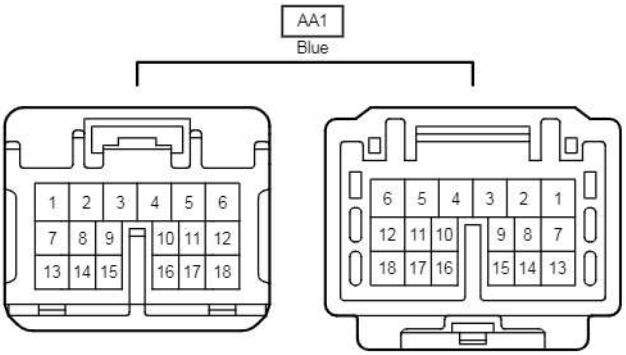
3C
White



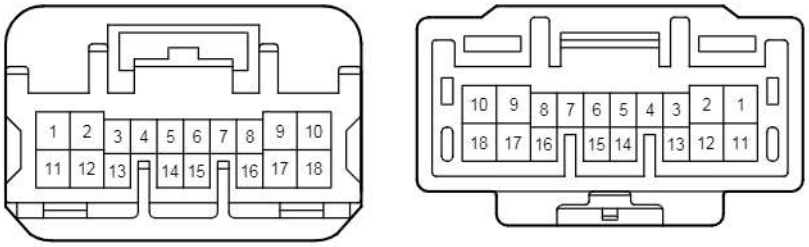
3D
White



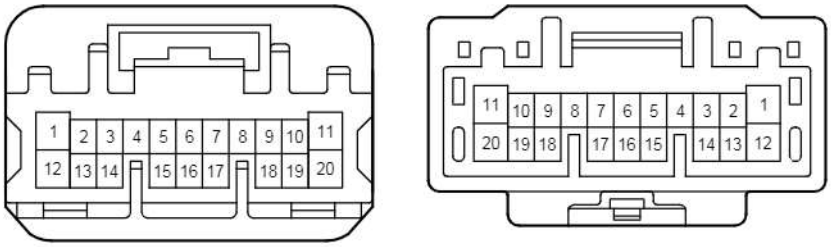
AA1
Blue



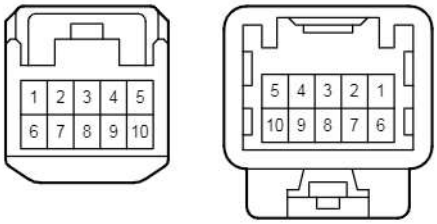
AN1
White



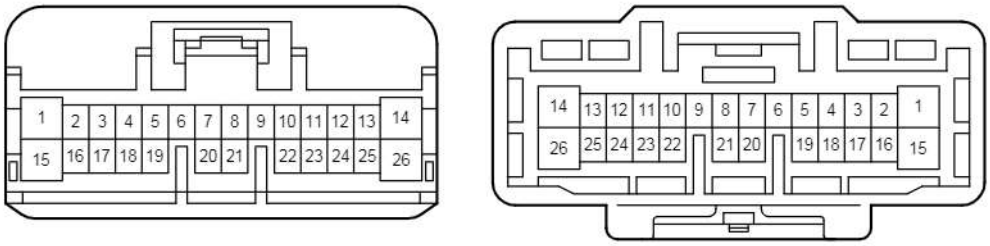
EA2
White



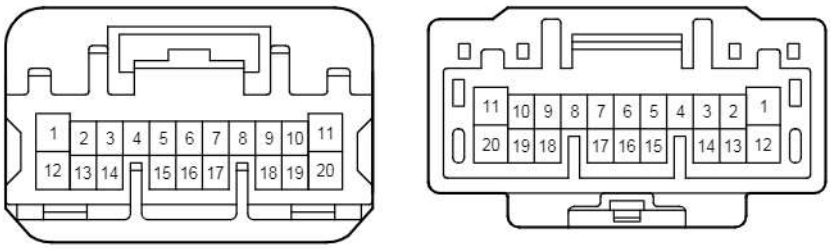
EA3
White

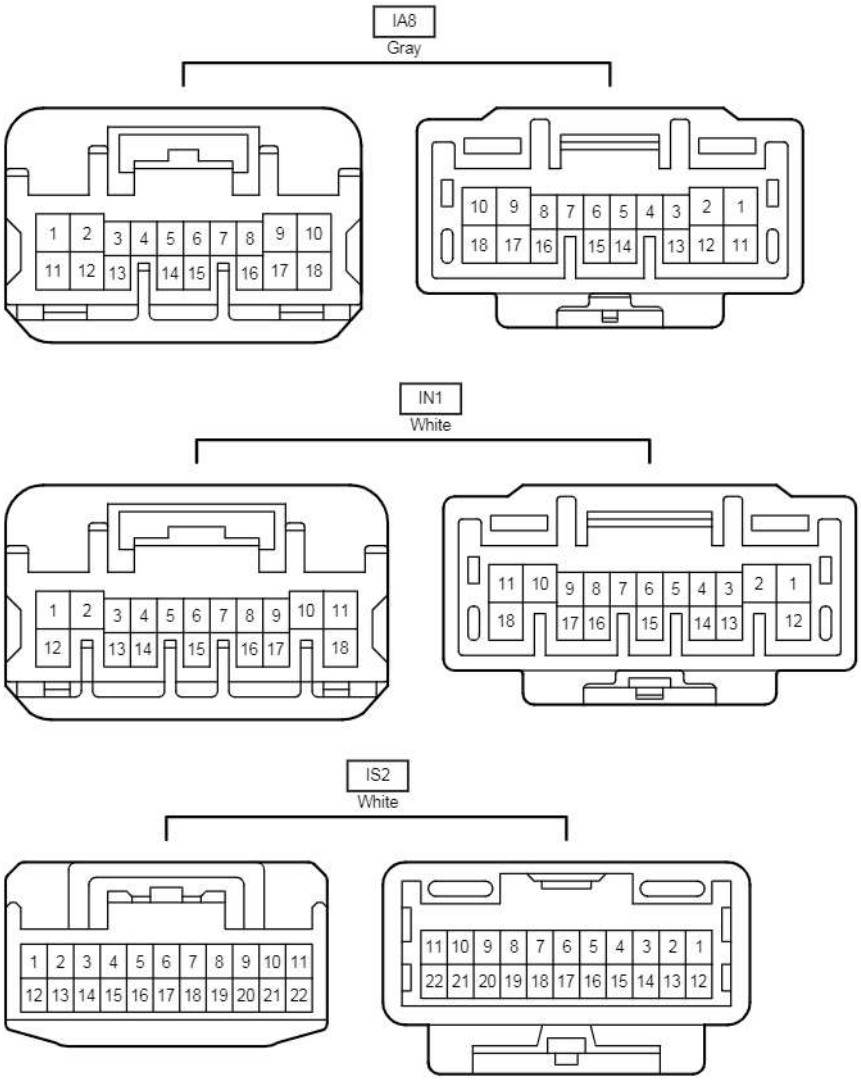


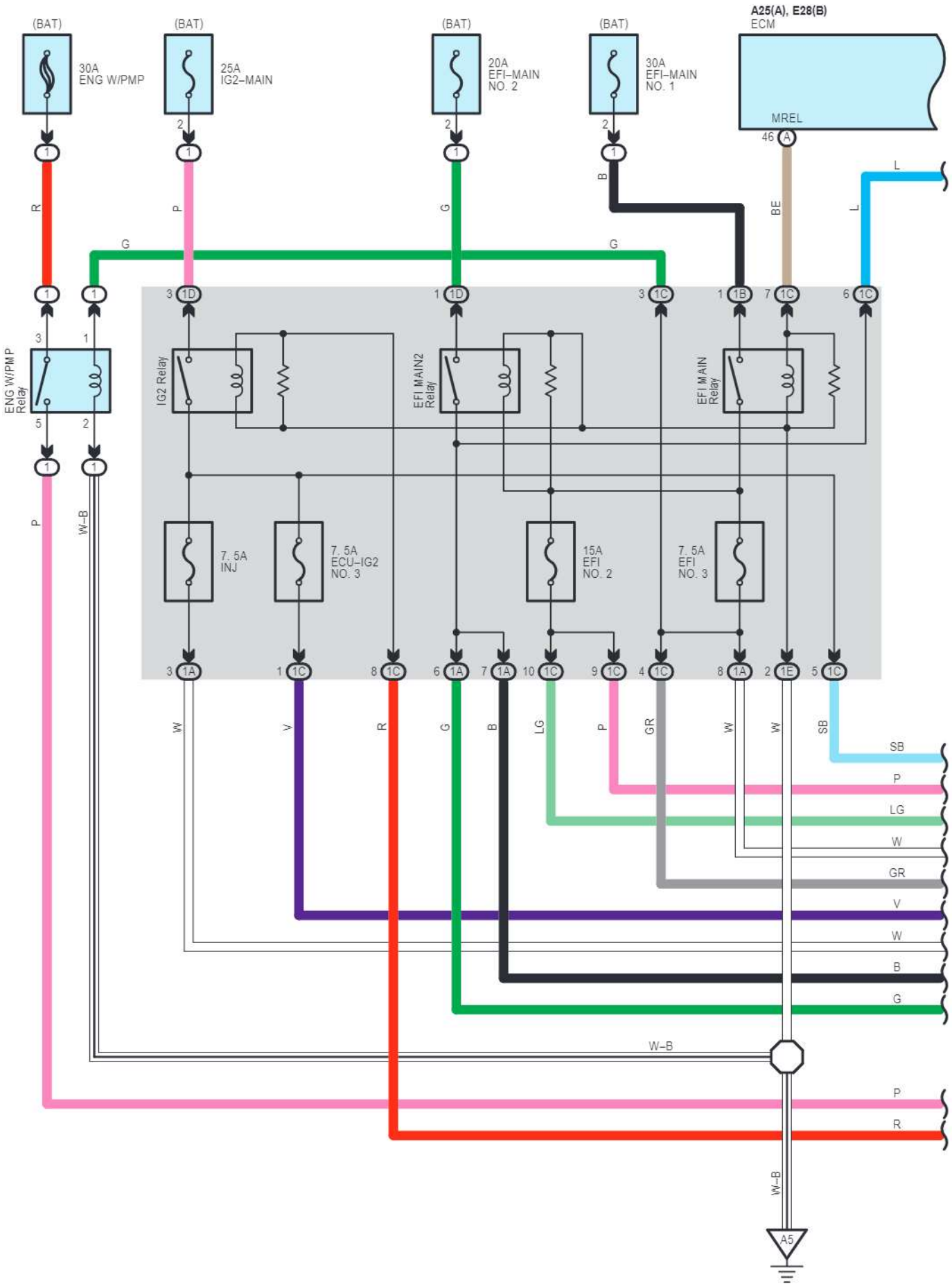
IA3
Blue

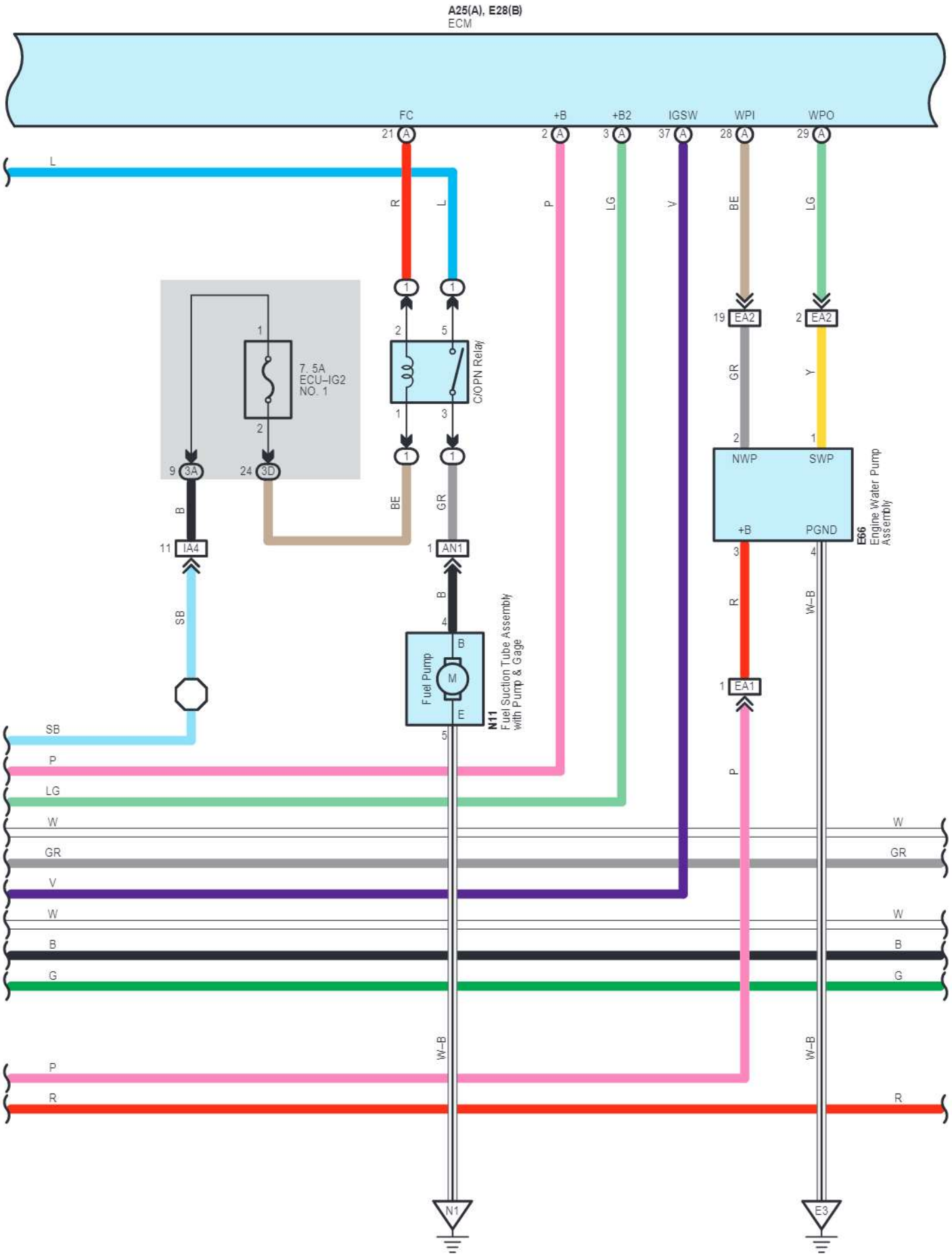


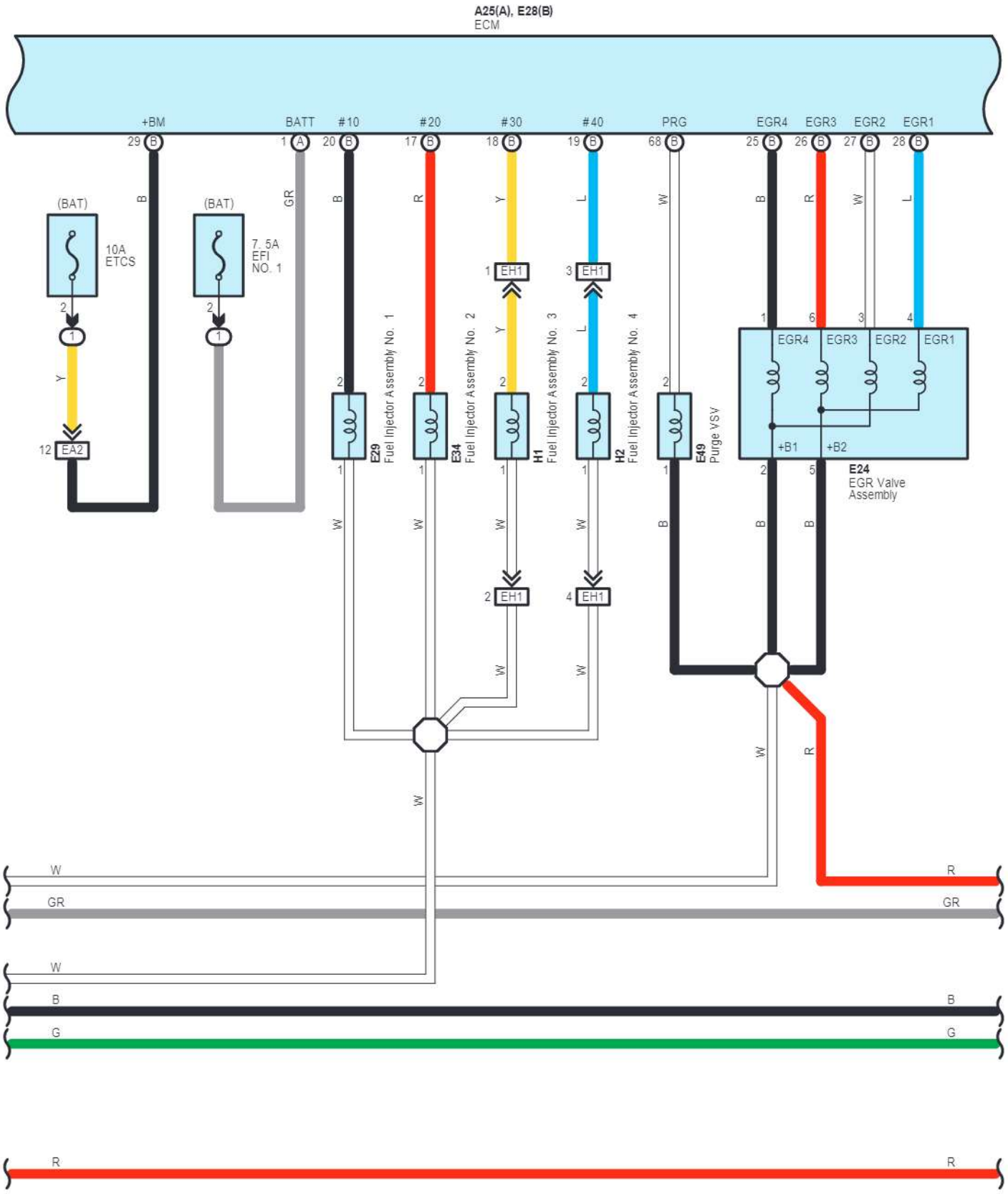
IA4
Gray

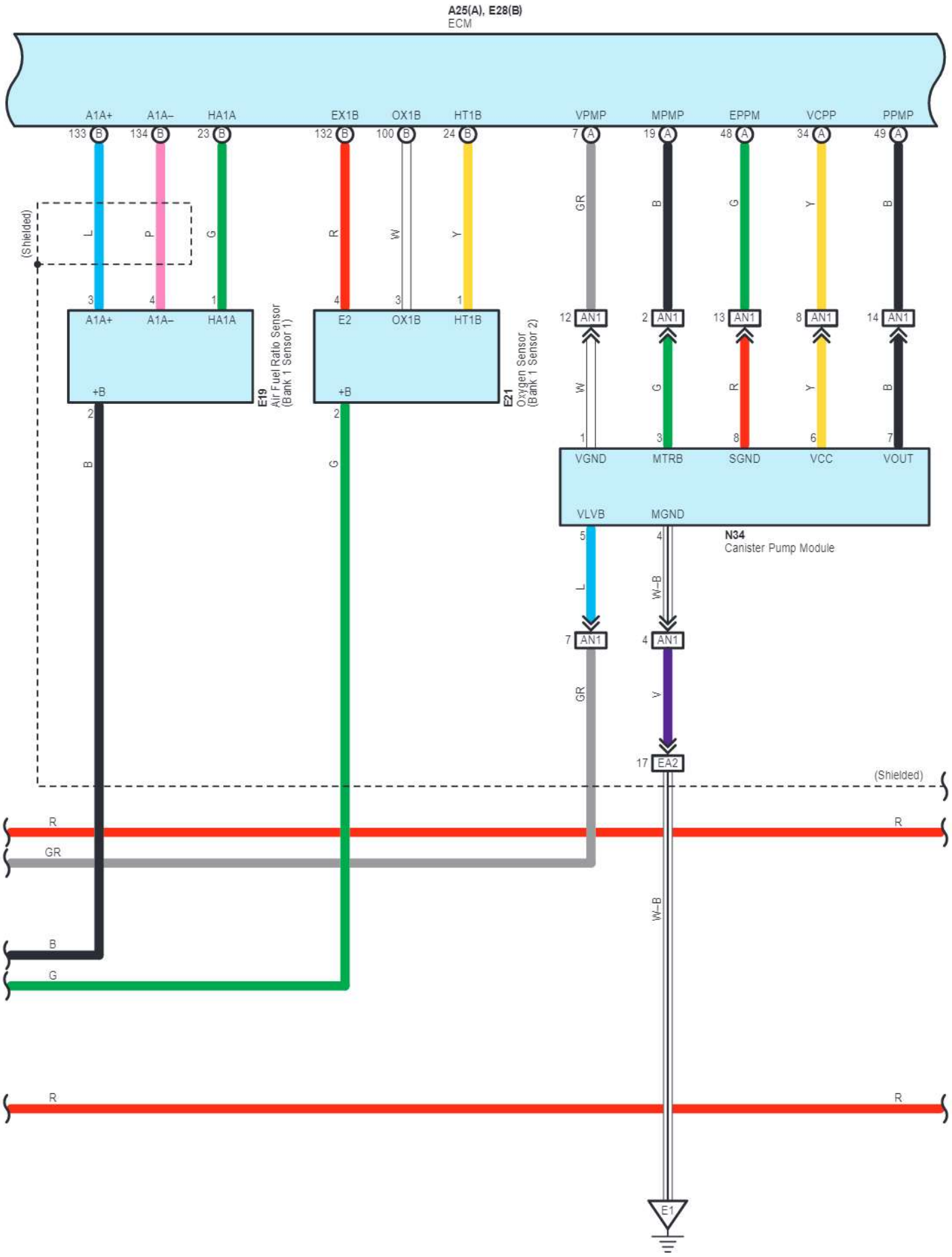


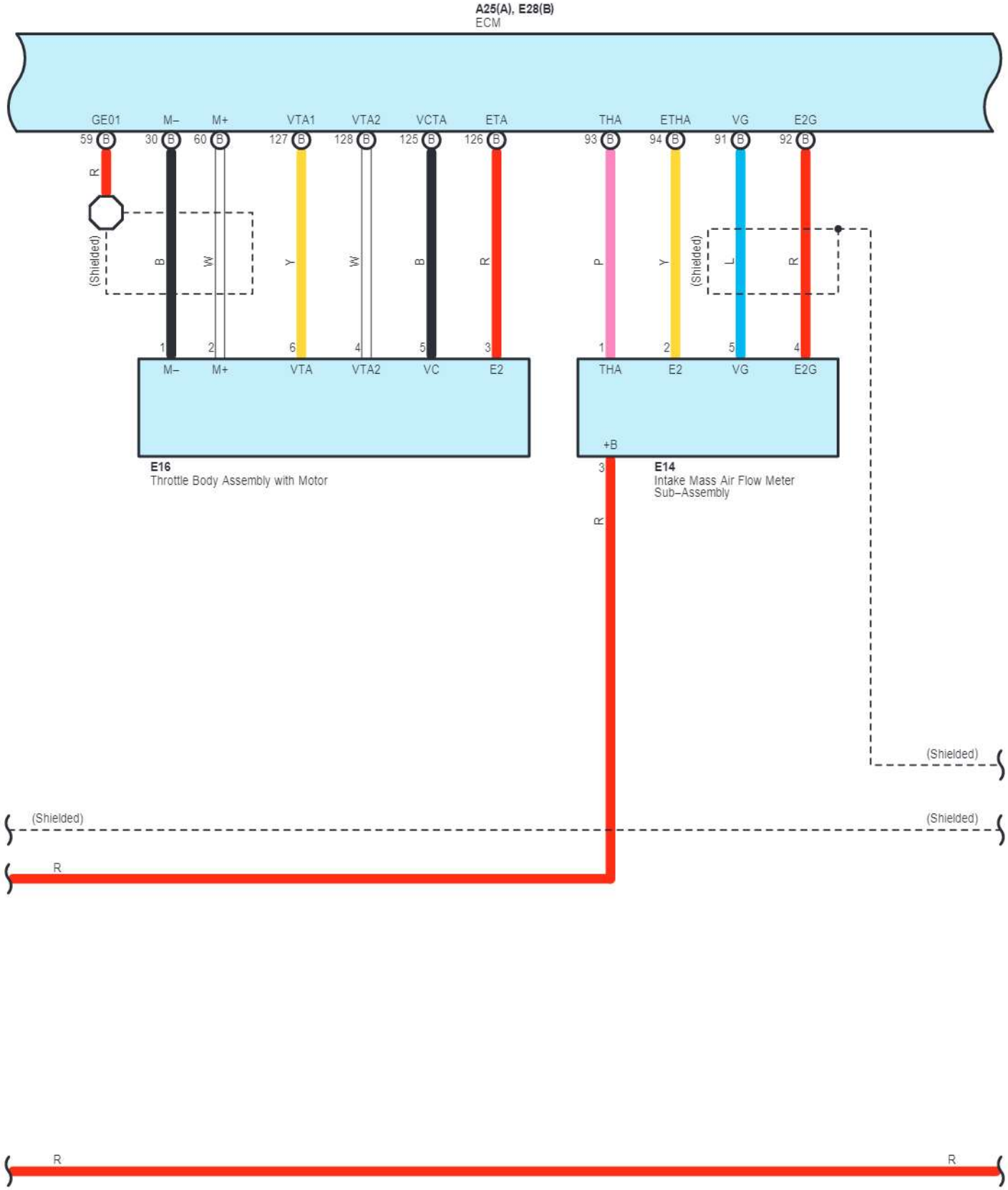

IA8
Gray
1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18
10 9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11
IN1
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18
11 10 9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12
IS2
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12

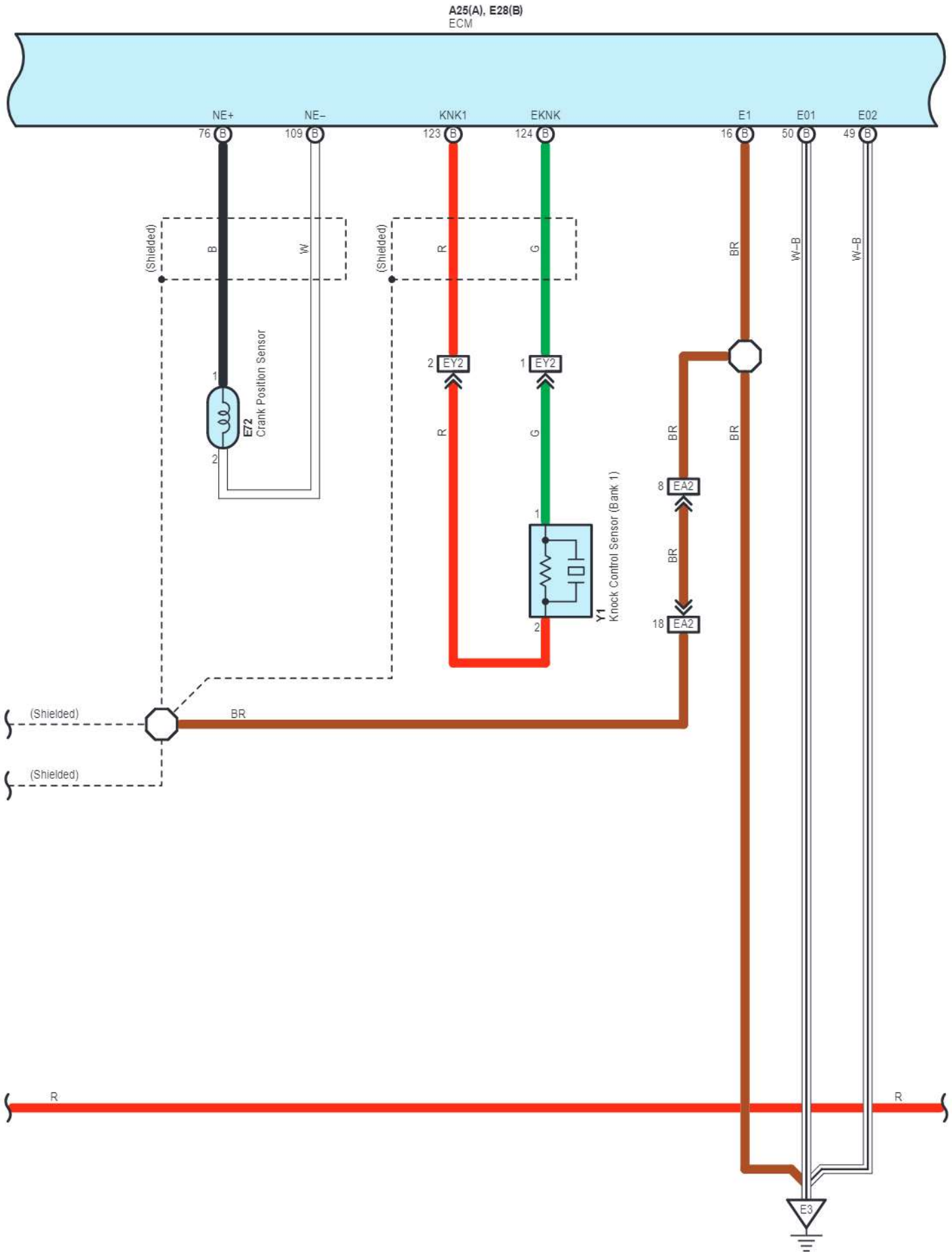

(BAT)
30A
ENG W/PMP
(BAT)
25A
IG2–MAIN
(BAT)
20A
EFI–MAIN
NO. 2
(BAT)
30A
EFI–MAIN
NO. 1
A25(A), E28(B)
ECM
MREL
46 A
R
P
G
G
G
B
BE
L
L
ENG W/PMP
Relay
IG2 Relay
EFI MAIN2
Relay
EFI MAIN
Relay
7. 5A
INJ
7. 5A
ECU–IG2
NO. 3
15A
EFI
NO. 2
7. 5A
EFI
NO. 3
P
W–B
W
V
R
G
B
LG
P
GR
W
W
SB
SB
P
LG
W
GR
V
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B
G
W–B
P
R
W–B
A5

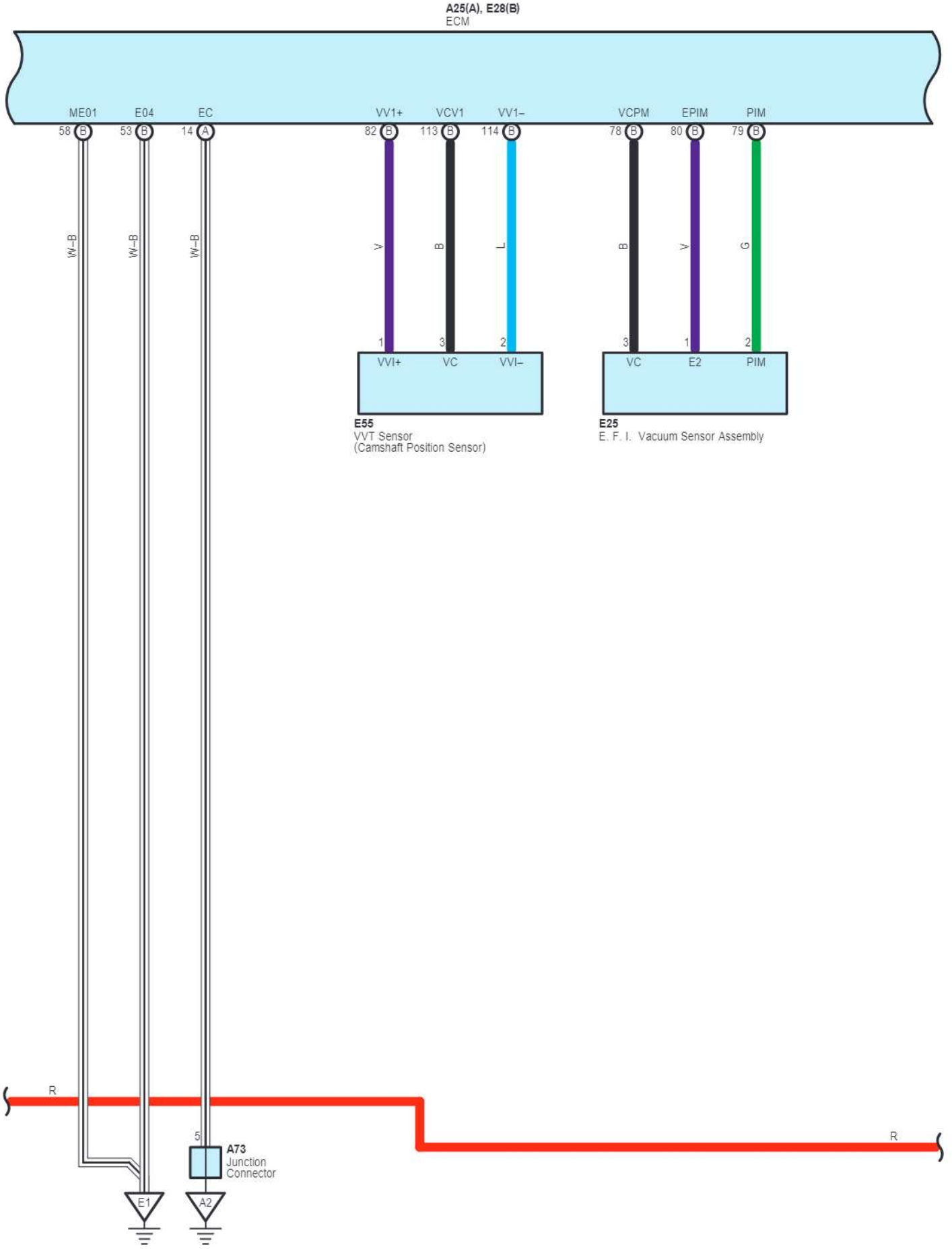

A25(A), E28(B)
ECM
FC
+B
+B2
IGSW
WPI
WPO
21 A
2 A
3 A
37 A
28 A
29 A
L
R
L
P
LG
V
BE
LG
19 EA2
2 EA2
GR
Y
7. 5A
ECU–IG2
NO. 1
C/OPN Relay
9 3A
24 3D
B
BE
GR
11 IA4
1 AN1
SB
B
Fuel Pump
M
B
E
N11
Fuel Suction Tube Assembly
with Pump & Gage
NWP
SWP
+B
PGND
E66
Engine Water Pump
Assembly
R
W–B
1 EA1
P
SB
P
LG
W
GR
V
W
B
G
W–B
W–B
P
R
N1
E3

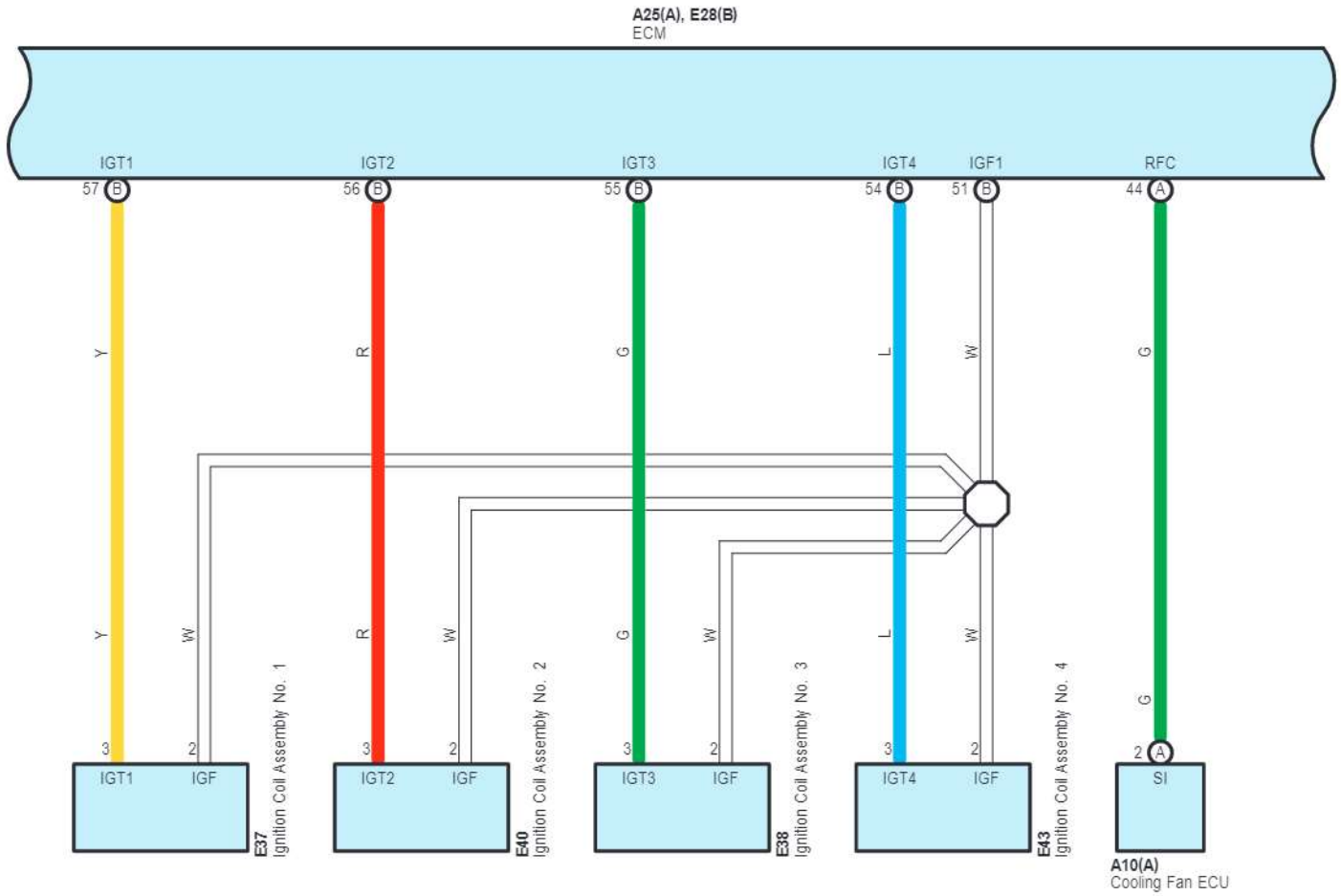

A25(A), E28(B)
ECM
+BM
BATT
#10
#20
#30
#40
PRG
EGR4
EGR3
EGR2
EGR1
29 B
1 A
20 B
17 B
18 B
19 B
68 B
25 B
26 B
27 B
28 B
(BAT)
10A
ETCS
(BAT)
7. 5A
EFI
NO. 1
12 EA2
E29
Fuel Injector Assembly No. 1
E34
Fuel Injector Assembly No. 2
H1
Fuel Injector Assembly No. 3
H2
Fuel Injector Assembly No. 4
E49
Purge VSV
+B1
+B2
E24
EGR Valve
Assembly
EH1
W
GR
B
G
R
Y
L


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

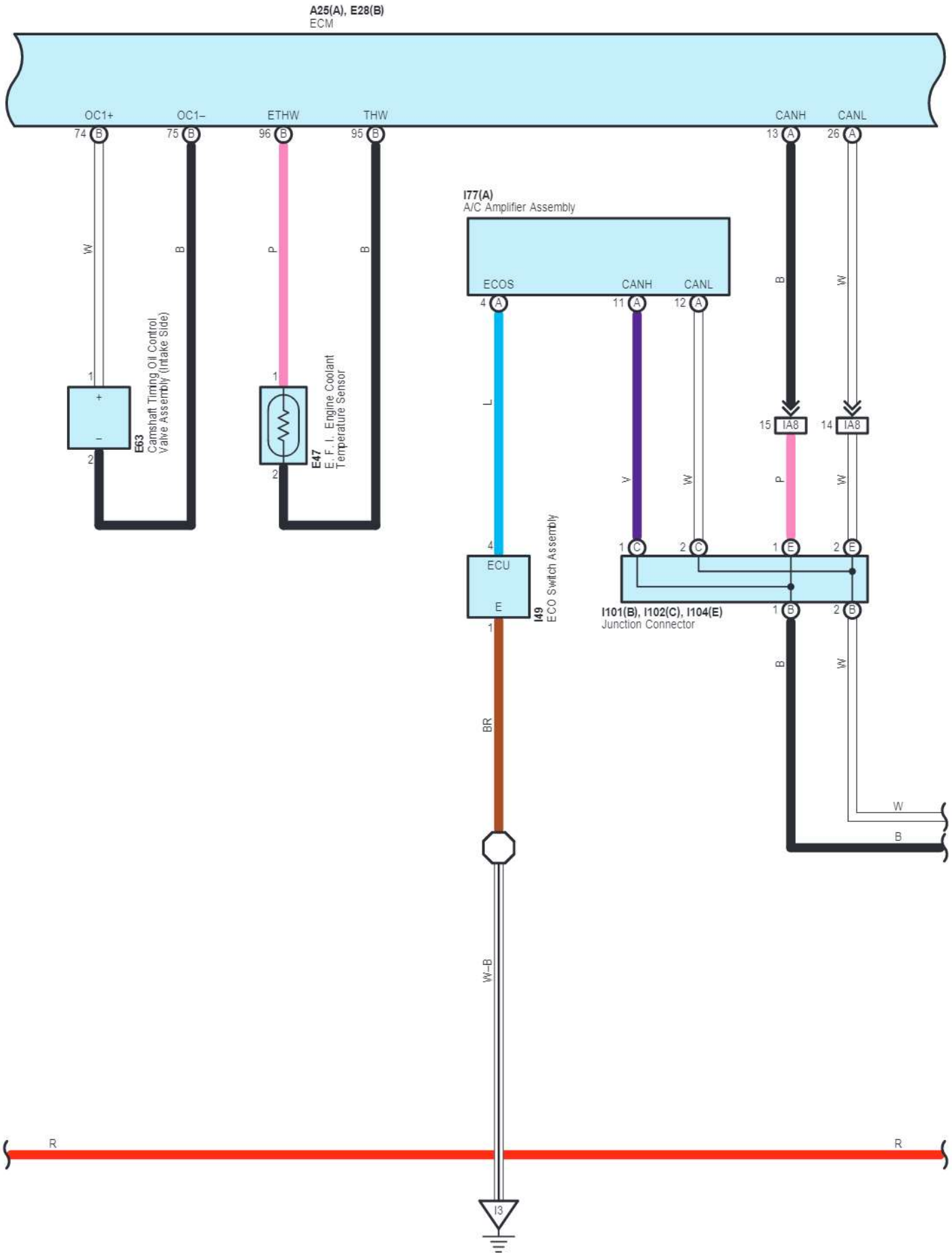

A25(A), E28(B)
ECM
GE01
M–
M+
VTA1
VTA2
VCTA
ETA
THA
ETHA
VG
E2G
59
30
60
127
128
125
126
93
94
91
92
R
(Shielded)
B
W
Y
W
B
R
P
Y
(Shielded)
L
R
1
2
6
4
5
3
1
2
5
4
M–
M+
VTA
VTA2
VC
E2
THA
E2
VG
E2G
+B
3
E16
Throttle Body Assembly with Motor
E14
Intake Mass Air Flow Meter
Sub–Assembly
R
(Shielded)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

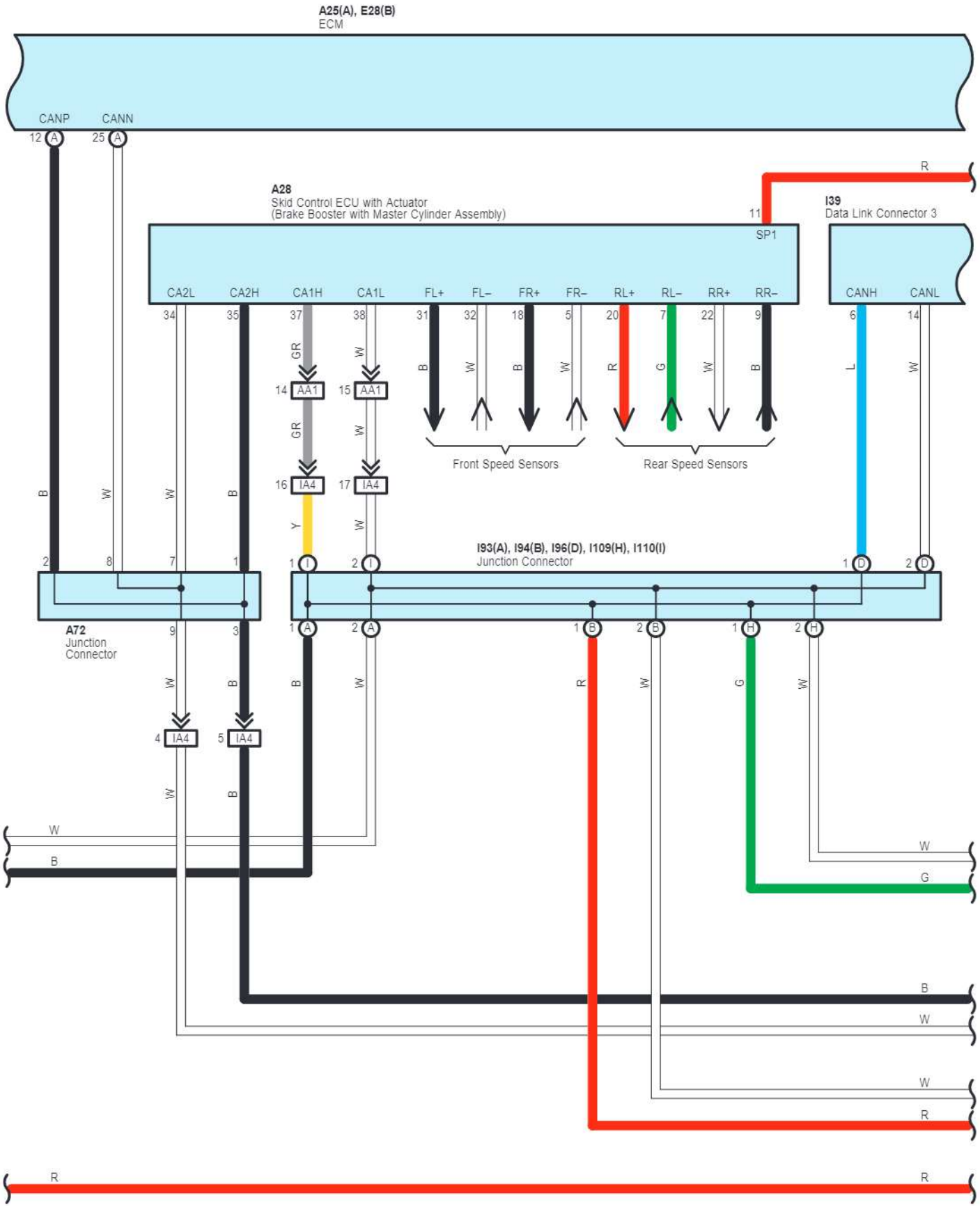

A25(A), E28(B)
ECM
NE+
NE−
KNK1
EKNK
E1
E01
E02
76 B
109 B
123 B
124 B
16 B
50 B
49 B
(Shielded)
B
W
R
G
BR
W–B
E72
Crank Position Sensor
1
2
EY2
Y1
Knock Control Sensor (Bank 1)
8 EA2
18 EA2
E3

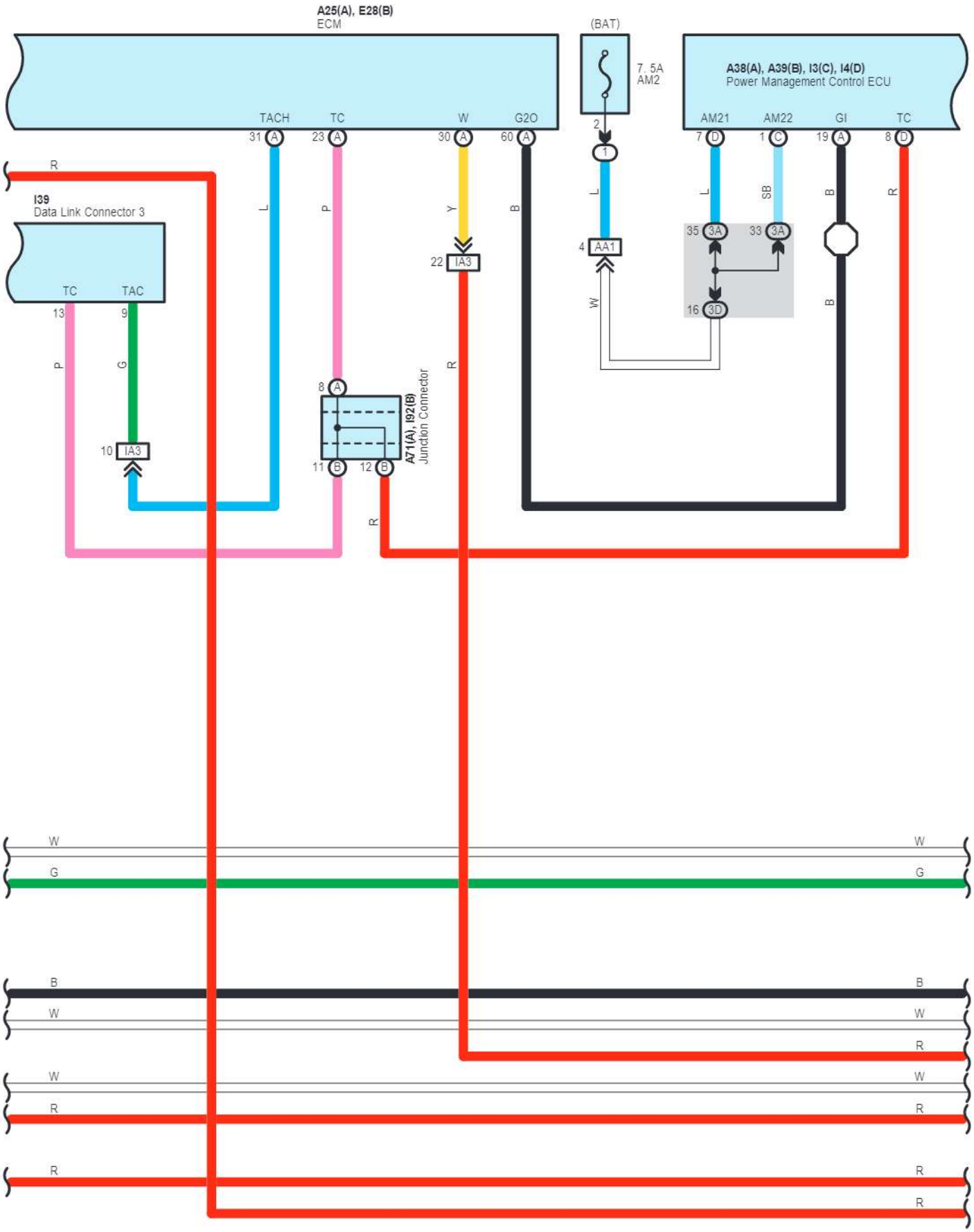

A25(A), E28(B)
ECM
ME01
E04
EC
VV1+
VCV1
VV1–
VCPM
EPIM
PIM
58 B
53 B
14 A
82 B
113 B
114 B
78 B
80 B
79 B
W–B
W–B
W–B
V
B
L
B
V
G
1
3
2
3
1
2
VVI+
VC
VVI–
VC
E2
PIM
E55
VVT Sensor
(Camshaft Position Sensor)
E25
E. F. I. Vacuum Sensor Assembly
R
R
5
A73
Junction
Connector
E1
A2

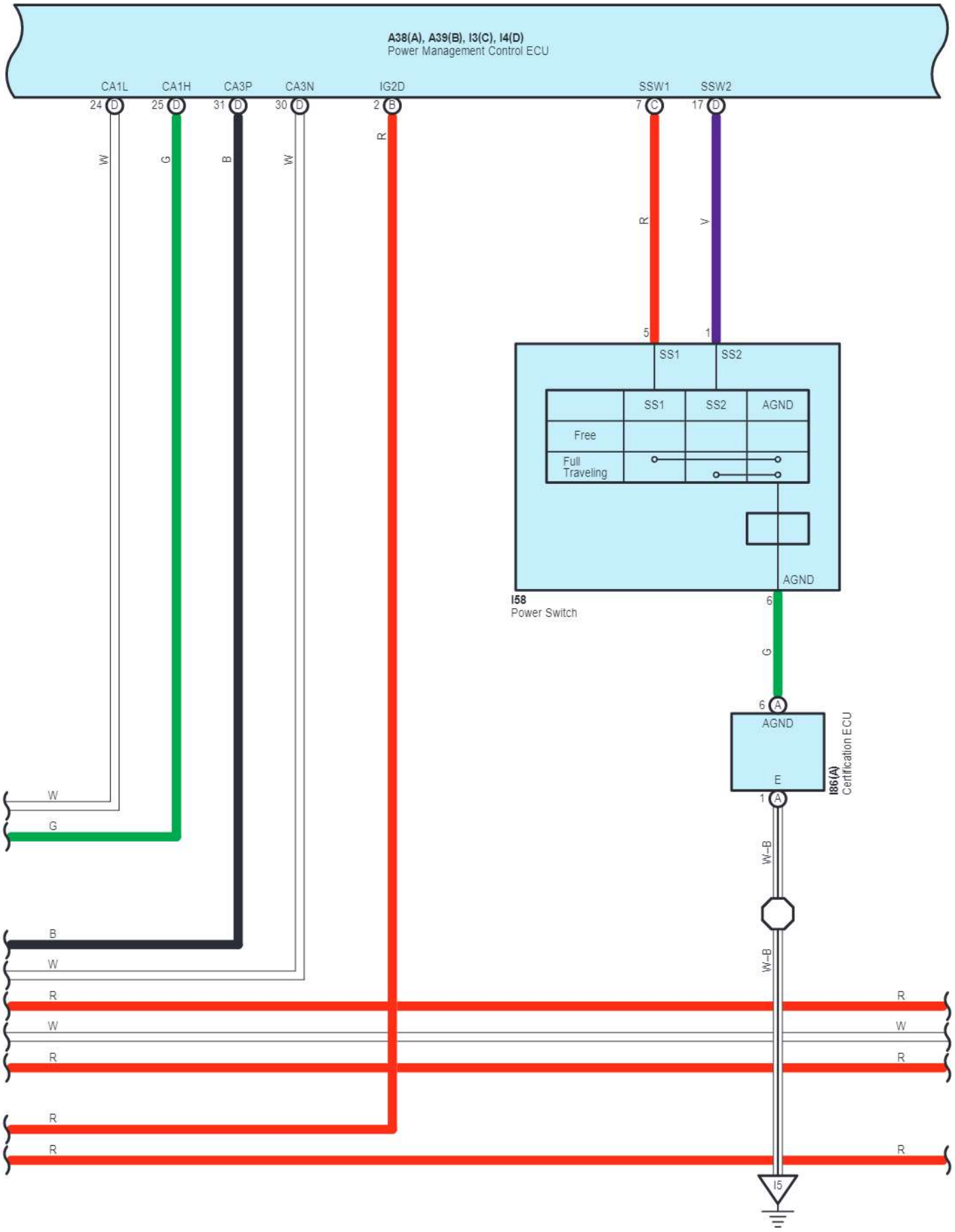

A25(A), E28(B)
ECM
IGT1
IGT2
IGT3
IGT4
IGF1
RFC
57 B
56 B
55 B
54 B
51 B
44 A
Y
R
G
L
W
G
3
2
IGT1
IGF
E37
Ignition Coil Assembly No. 1
IGT2
IGF
E40
Ignition Coil Assembly No. 2
IGT3
IGF
E38
Ignition Coil Assembly No. 3
IGT4
IGF
E43
Ignition Coil Assembly No. 4
2 A
SI
A10(A)
Cooling Fan ECU

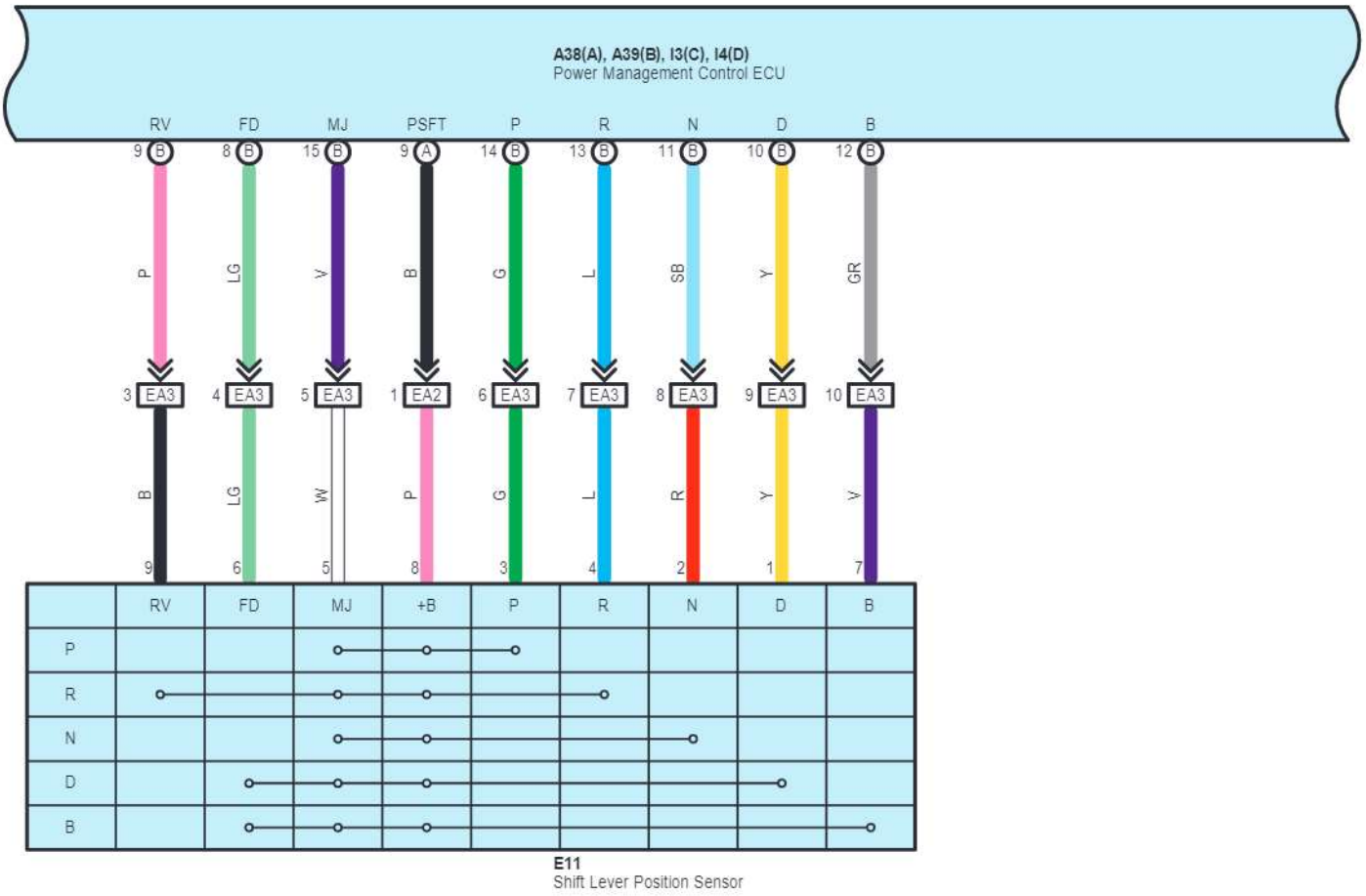

R
R


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
E63
Camshaft Timing Oil Control Valve Assembly (Intake Side)
E47
E. F. I. Engine Coolant Temperature Sensor
I77(A)
A/C Amplifier Assembly
ECOS
CANH
CANL
4 A
11 A
12 A
L
V
W
15 IA8
14 IA8
P
W
4
ECU
E
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
R
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
4 IA4
5 IA4
W
B
G
GR
Y
L

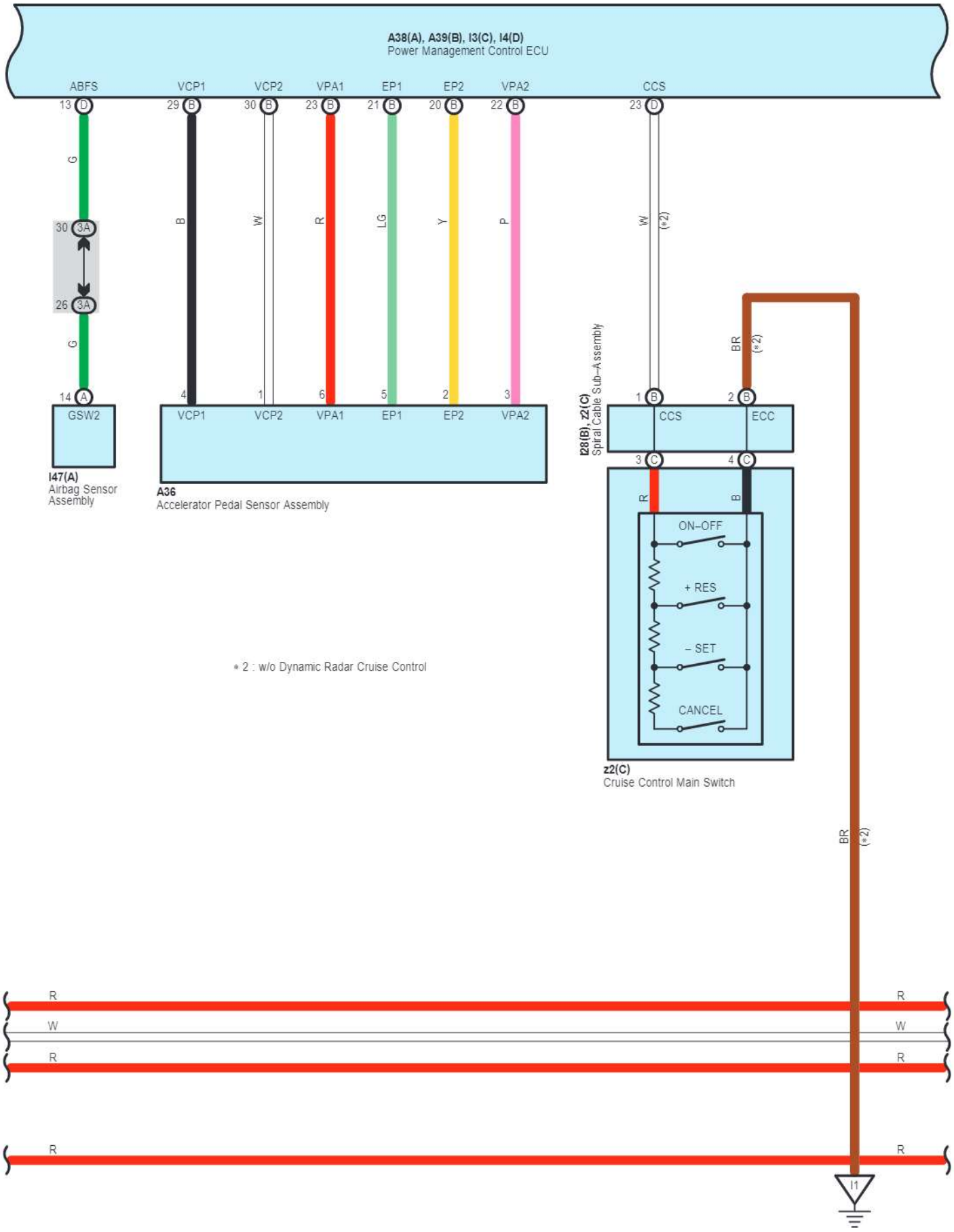

A25(A), E28(B)
ECM
TACH
TC
W
G2O
31 A
23 A
30 A
60 A
(BAT)
7. 5A
AM2
2
1
L
4 AA1
W
A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
AM21
AM22
GI
TC
7 D
1 C
19 A
8 D
L
SB
B
R
35 3A
33 3A
16 3D
B
I39
Data Link Connector 3
TC
TAC
13
9
P
G
10 IA3
L
P
Y
B
22 IA3
R
8 A
11 B
12 B
A71(A), I92(B)
Junction Connector
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
5
1
SS1
SS2
SS1
SS2
AGND
Free
Full Traveling
AGND
I58
Power Switch
6
G
6 A
AGND
E
I86(A)
Certification ECU
1 A
W-B
W-B
W
G
B
W
R
W
R
R
R
R
R
R
I5

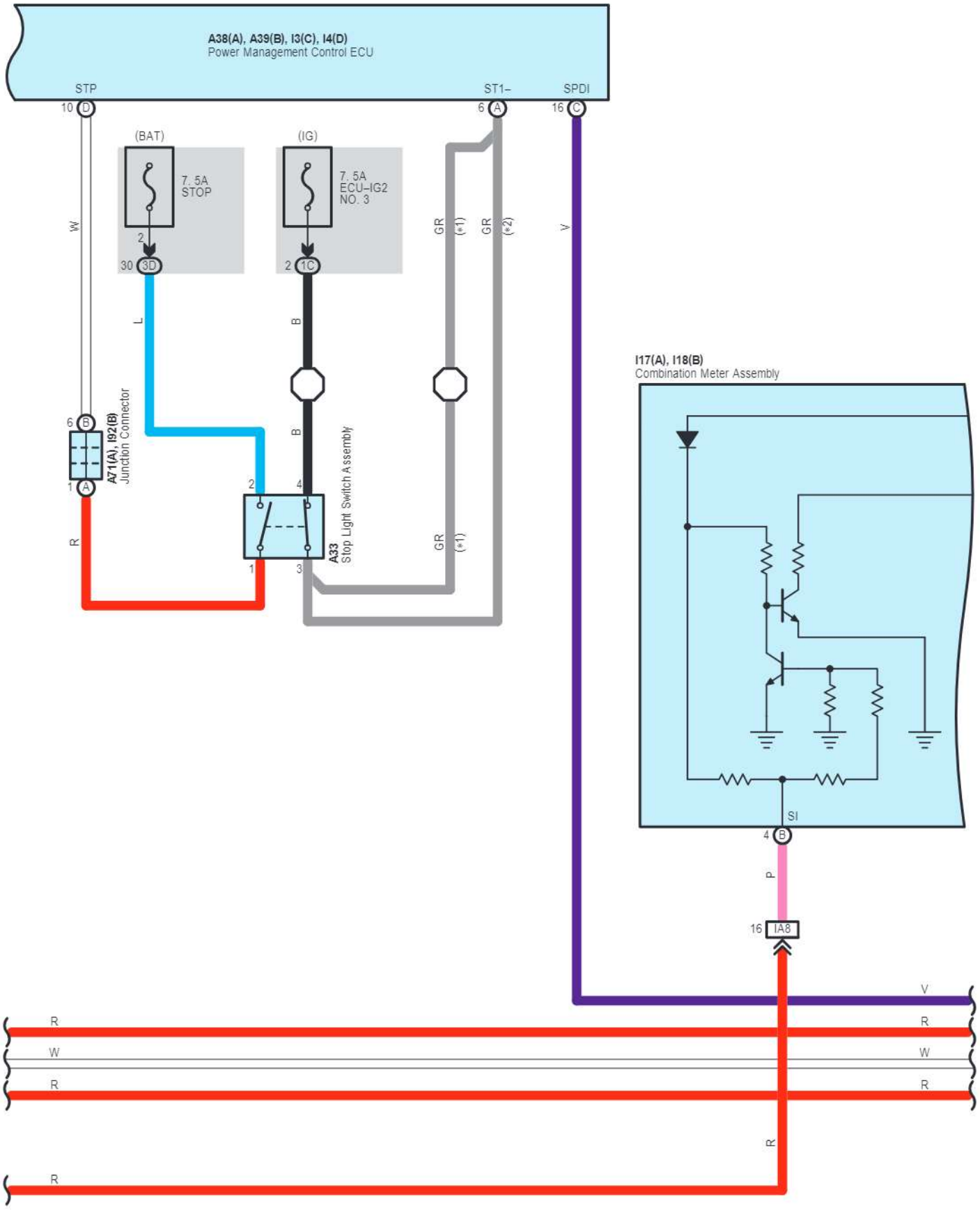

A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
RV
FD
MJ
PSFT
P
R
N
D
B
9 B
8 B
15 B
9 A
14 B
13 B
11 B
10 B
12 B
P
LG
V
B
G
L
SB
Y
GR
3 EA3
4 EA3
5 EA3
1 EA2
6 EA3
7 EA3
8 EA3
9 EA3
10 EA3
B
LG
W
P
G
L
R
Y
V
9
6
5
8
3
4
2
1
7
RV
FD
MJ
+B
P
R
N
D
B
P
R
N
D
B
E11
Shift Lever Position Sensor

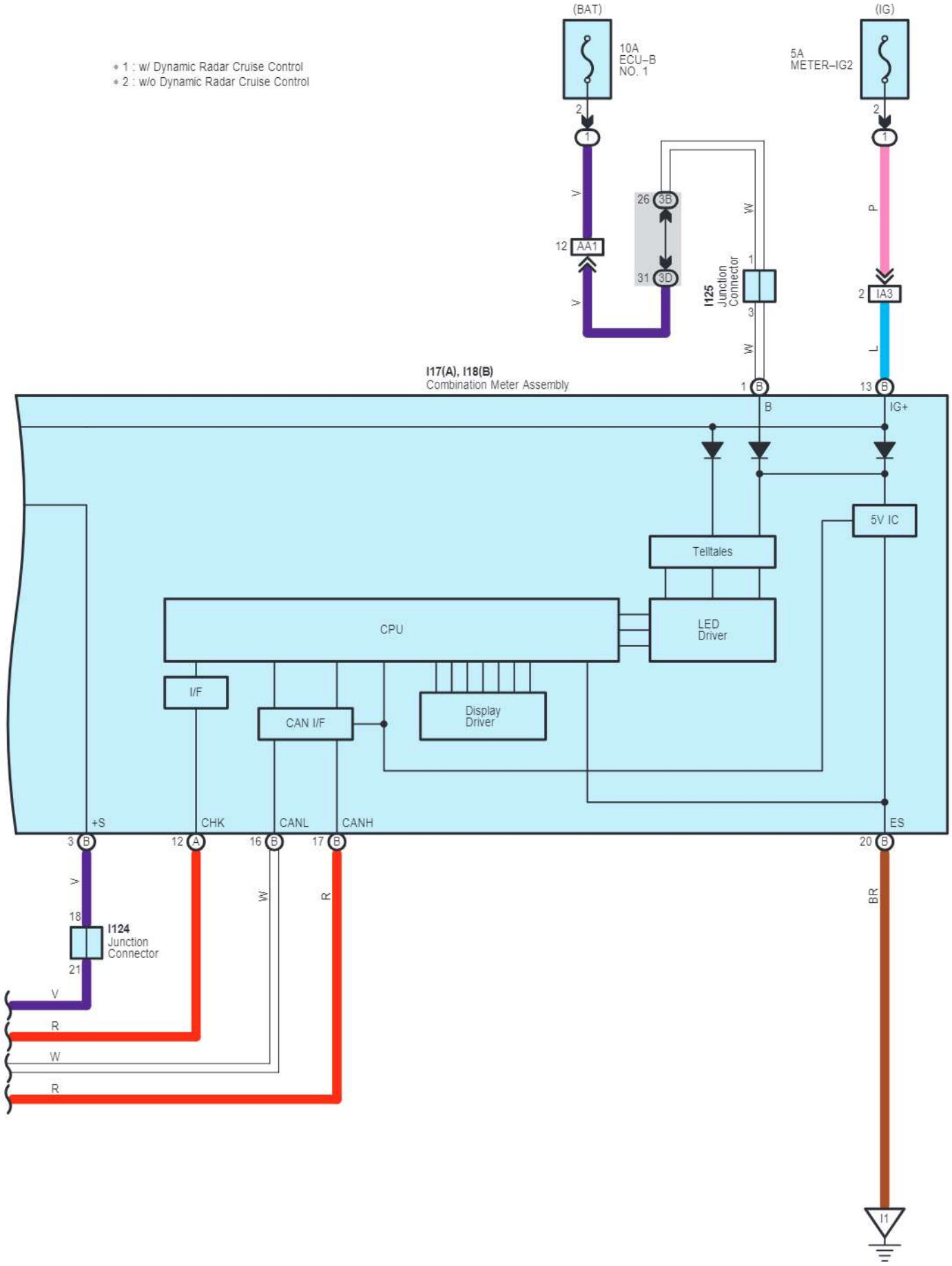

R
R
W
W
R
R


R
R

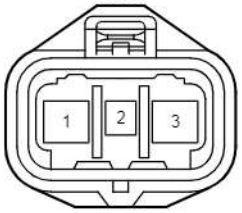


* 2 : w/o Dynamic Radar Cruise Control

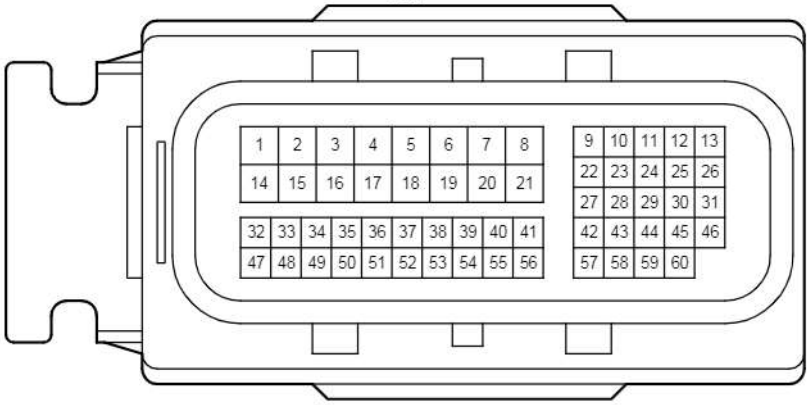

A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
STP
ST1–
SPDI
10 D
6 A
16 C
(BAT)
(IG)
7. 5A
STOP
7. 5A
ECU–IG2
NO. 3
2
30 3D
2 1C
W
L
B
B
GR (*1)
GR (*2)
V
6 B
1 A
A71(A), I92(B)
Junction Connector
2
4
1
3
A33
Stop Light Switch Assembly
GR (*1)
R
I17(A), I18(B)
Combination Meter Assembly
SI
4 B
P
16 IA8
V
R
W
R
R
R
R


* 1 : w/ Dynamic Radar Cruise Control
* 2 : w/o Dynamic Radar Cruise Control
(BAT)
10A
ECU-B
NO. 1
(IG)
5A
METER-IG2
I125
Junction
Connector
I17(A), I18(B)
Combination Meter Assembly
B
IG+
5V IC
Telltales
CPU
LED
Driver
I/F
CAN I/F
Display
Driver
+S
CHK
CANL
CANH
ES
I124
Junction
Connector
I1

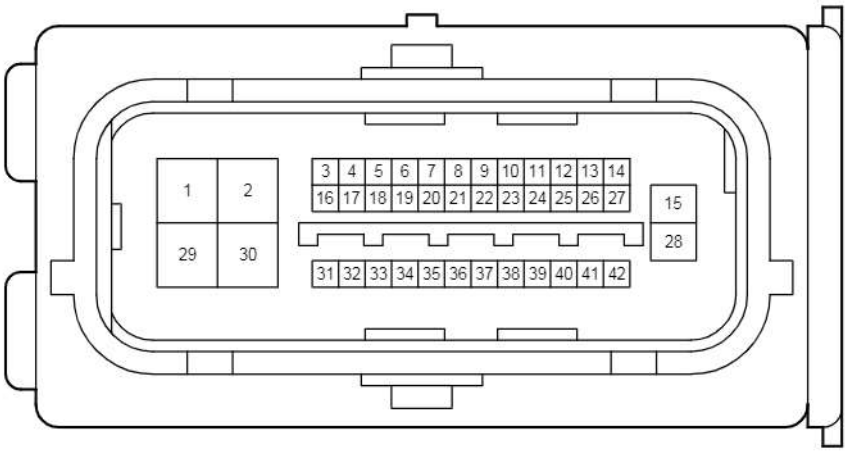
A 10
Black



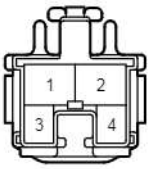
A 25
Black



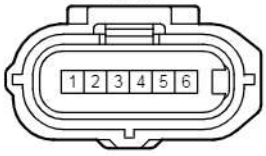
A 28
Black



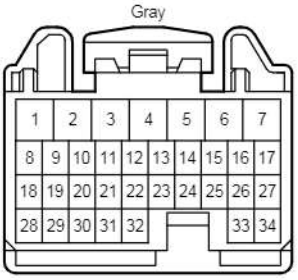
A 33
White



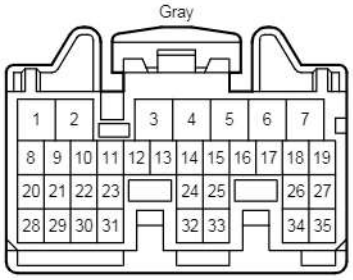
A 36
Black



A 38
Gray



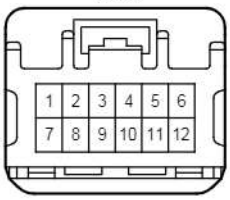
A 39
Gray



A 71
Gray



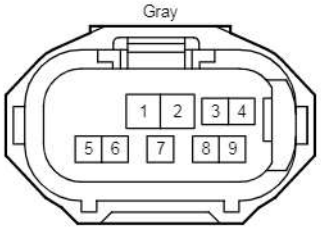
A 72
White



A 73
Gray



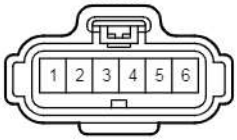
E 11
Gray



E 14
Black



E 16
Black



E 19
Dark Gray



E 21
White



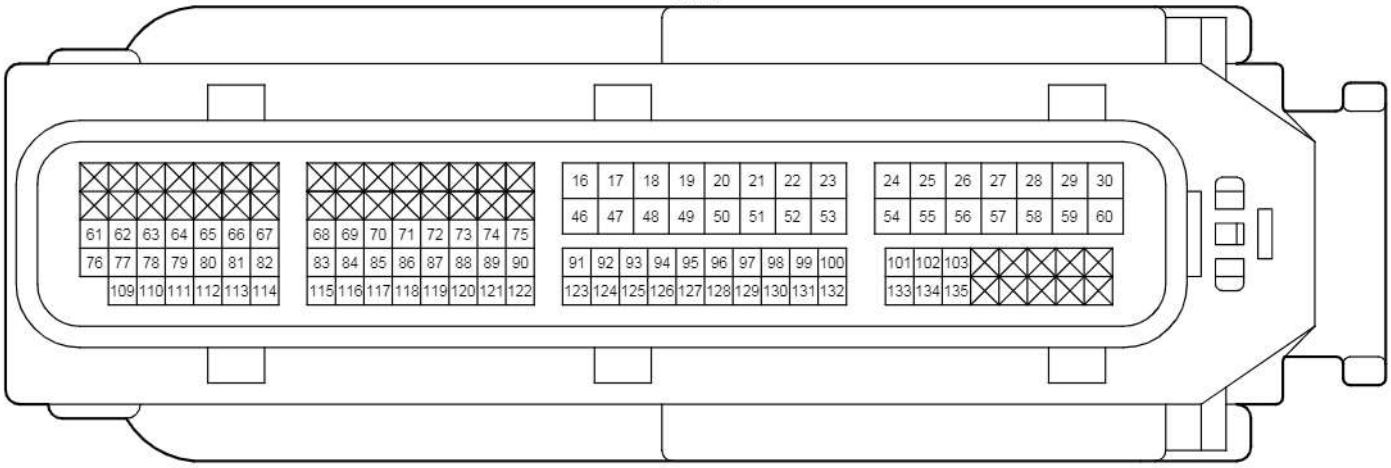
E 24
Black



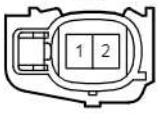
E 25
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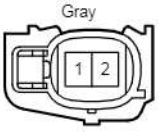
E 28
Black



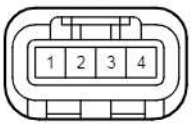
E 29
Black



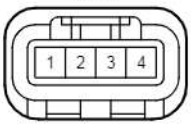
E 34
Gray



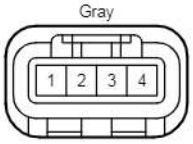
E 37
Black



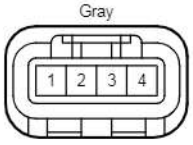
E 38
Black



E 40
Gray



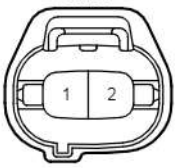
E 43
Gray



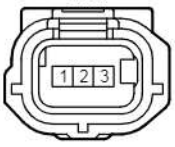
E 47
Black



E 49
Black



E 55
Black



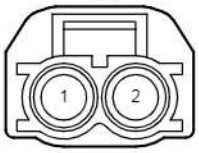
E 63
Gray



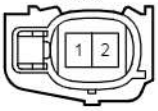
E 66
Gray



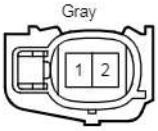
E 72
Black



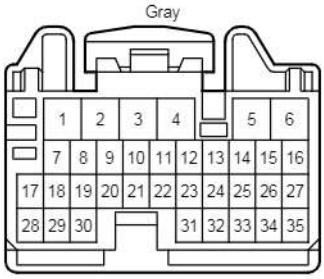
H 1
Black



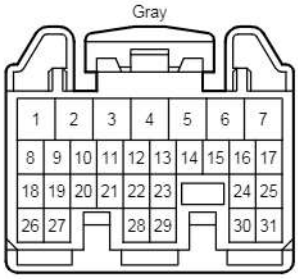
H 2
Gray



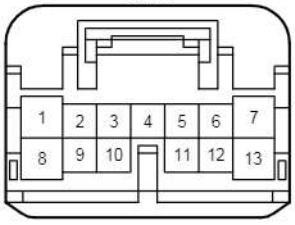
I 3
Gray



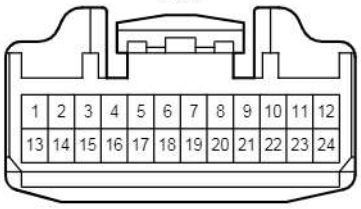
I 4
Gray



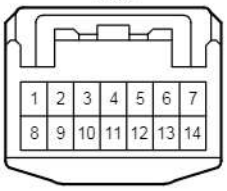
I 17
Black



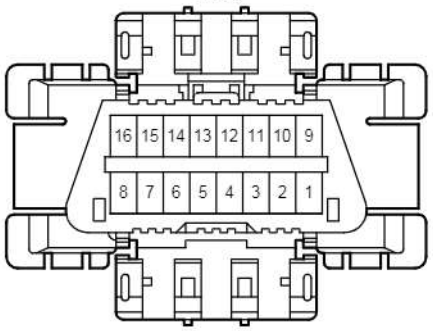
I 18
Black



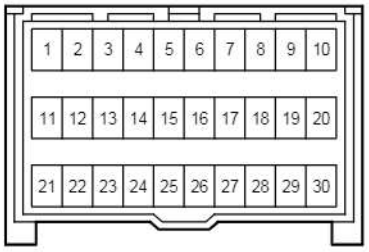
I 28
Black



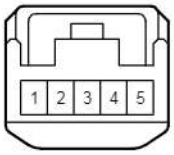
I 39
White



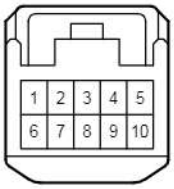
I 47
Yellow



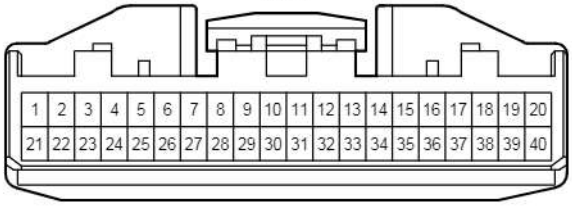
I 49
Black



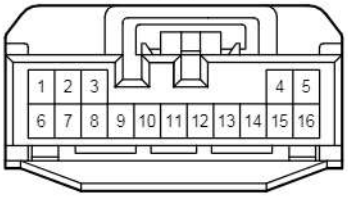
I 58
Black



I 77
White



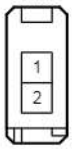
I 86
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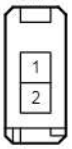
I 92
Gray



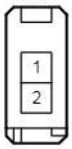
I 93
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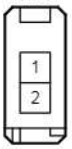
I 94
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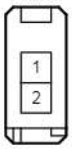
I 96
White



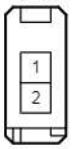
I101
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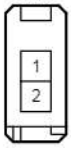
I102
White



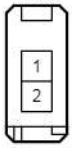
I104
White



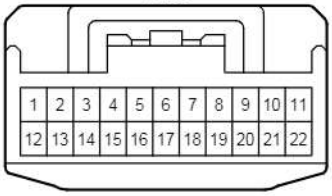
I109
White



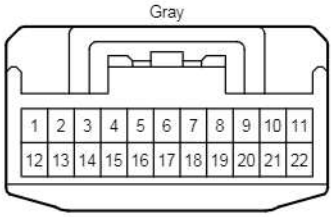
I110
White



I124
White



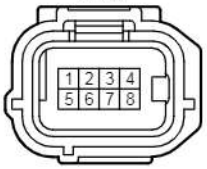
I125
Gray



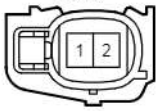
N 11
White



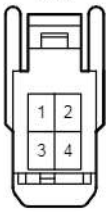
N 34
Black



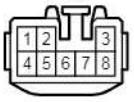
Y 1
Black



z 2
White



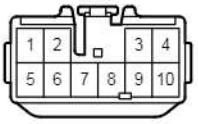
1A
White



1B
White



1C
White



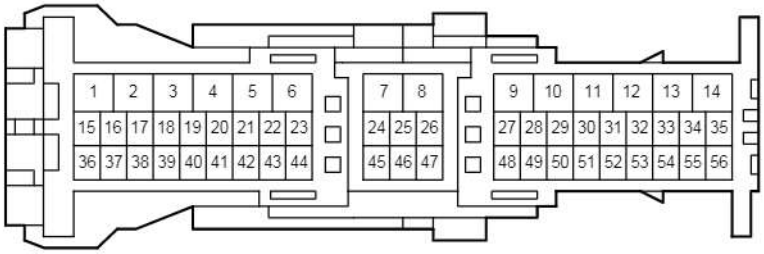
1D
White



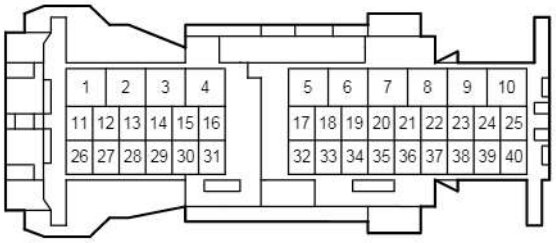
1E
White



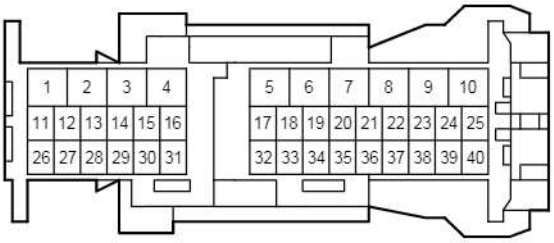
3A
White



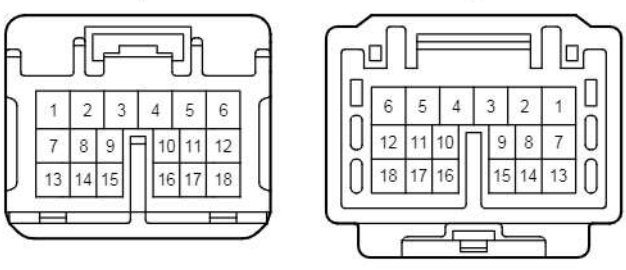
3B
White



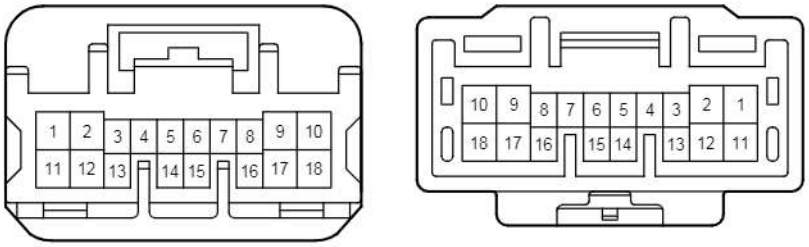
3D
White



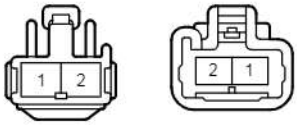
AA1
Blue



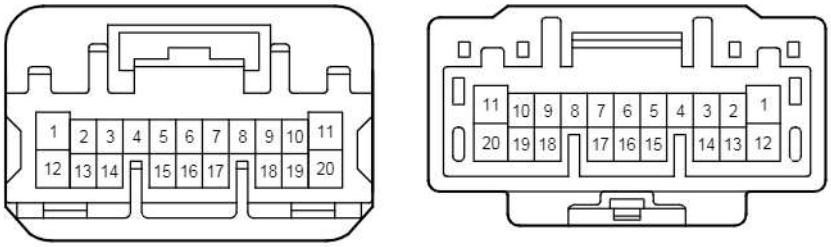
AN1
White



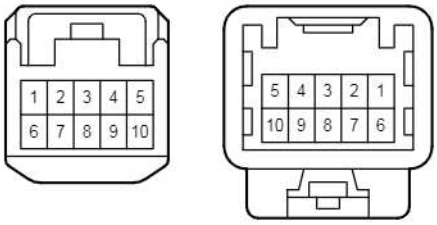
EA1
White



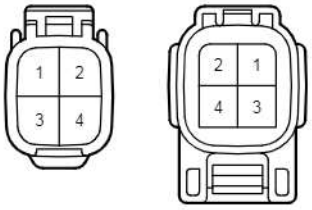
EA2
White



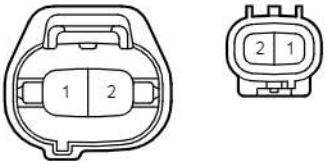
EA3
White



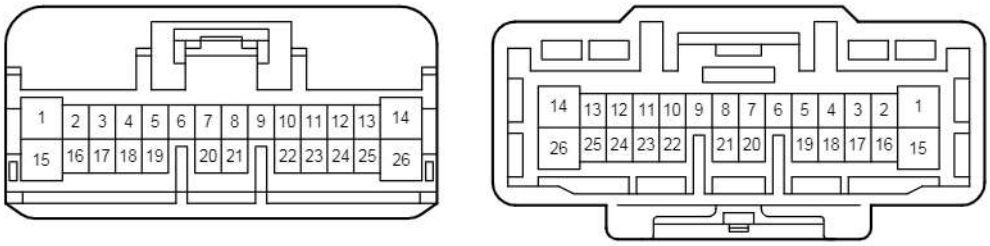
EH1
Gray



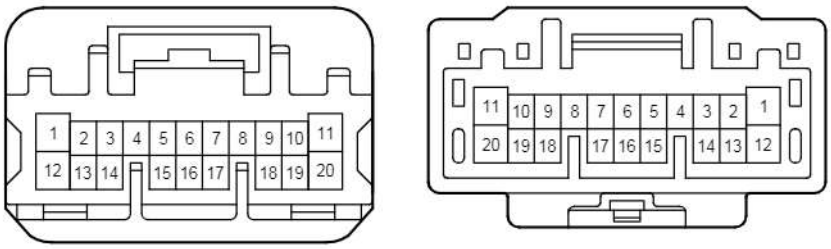
EY2
Black

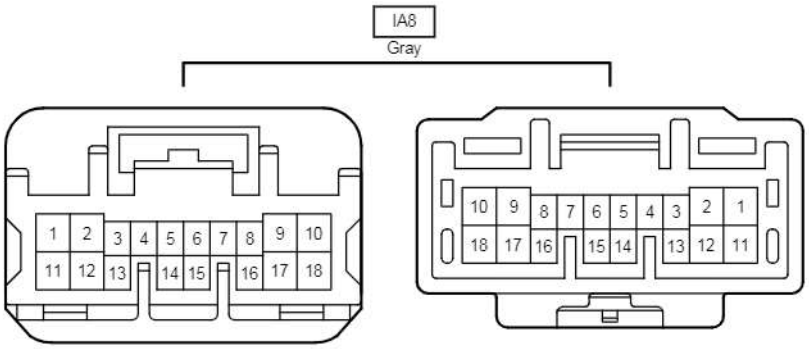


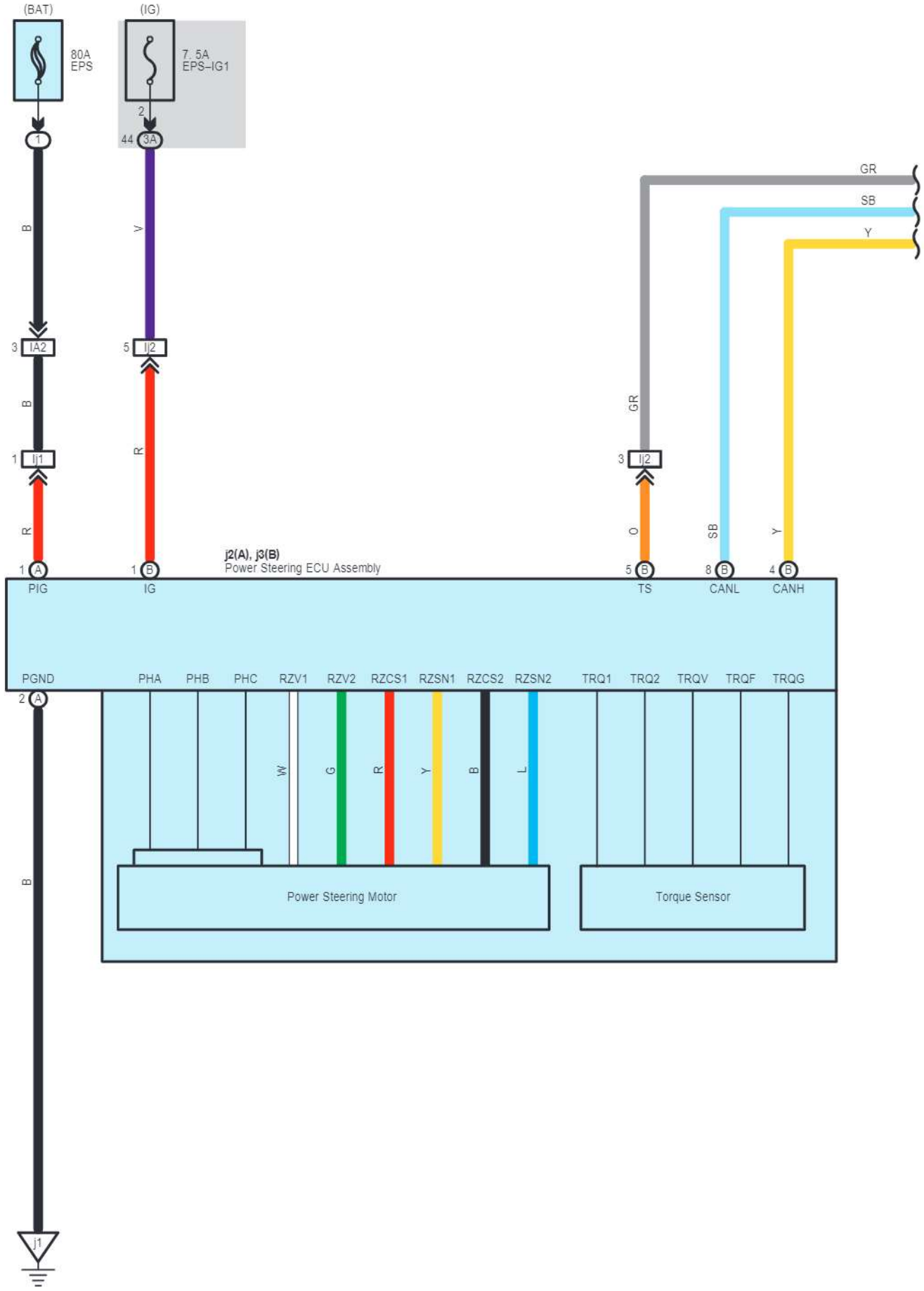
IA3
Blue

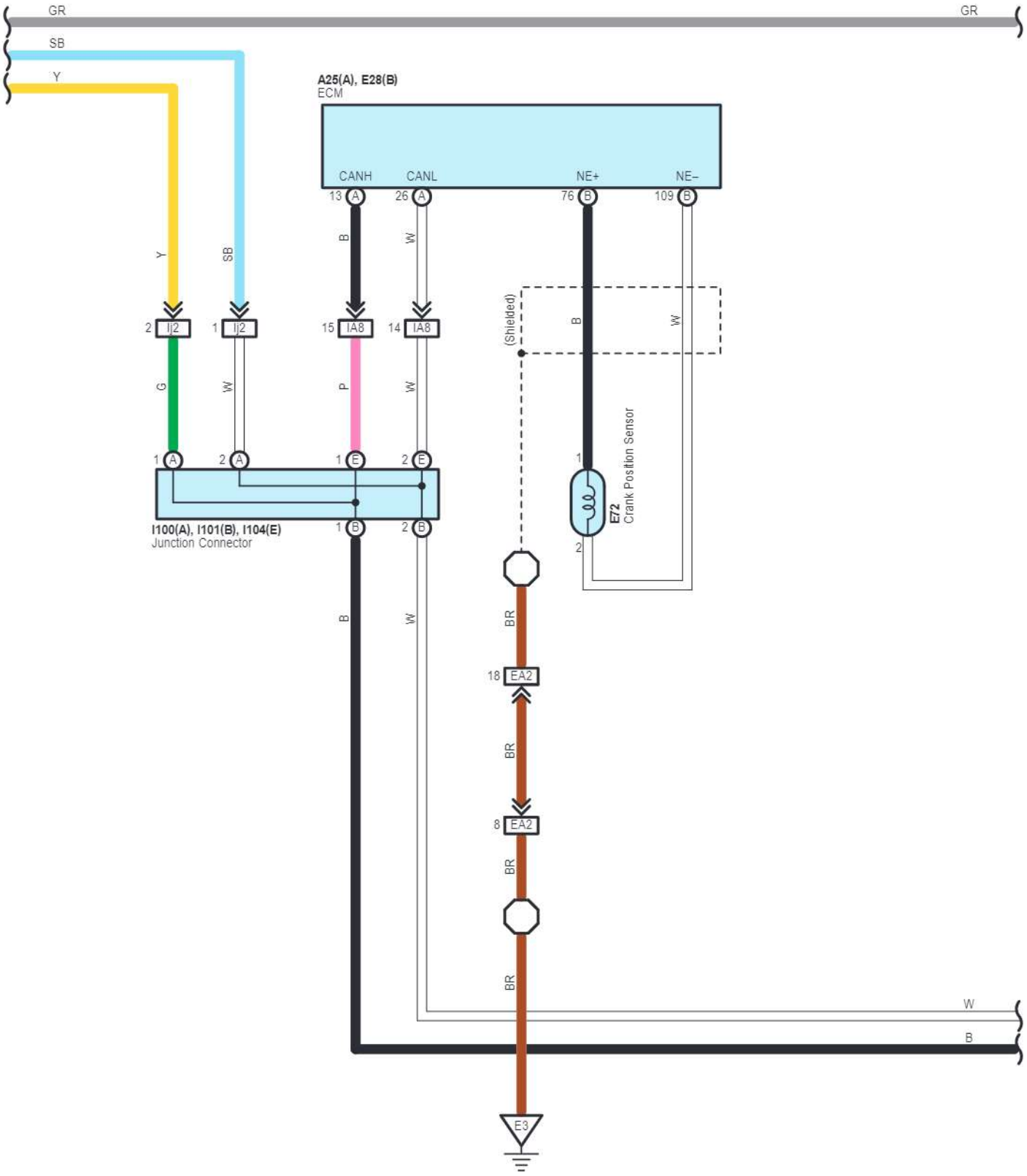


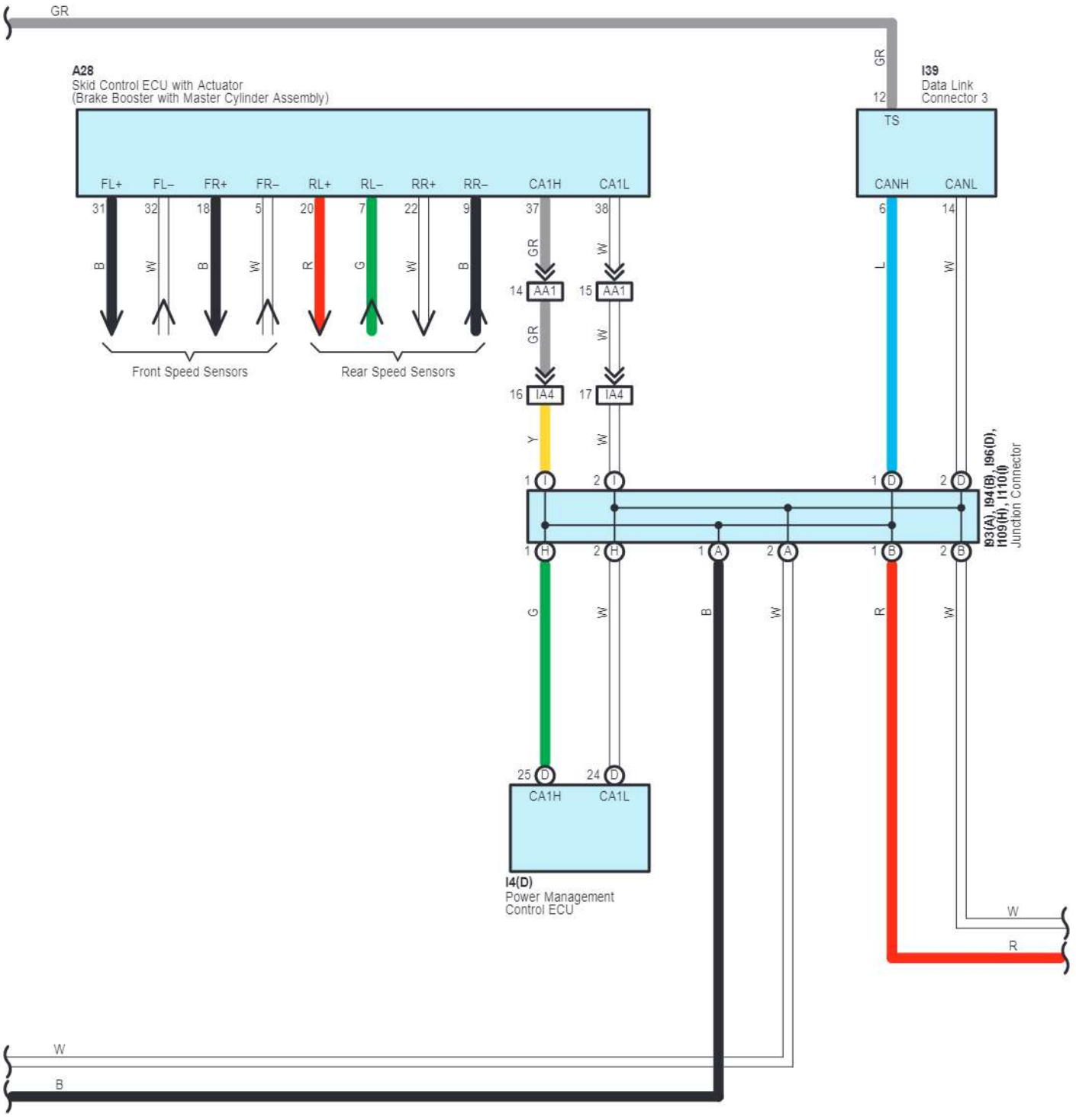
IA4
Gray

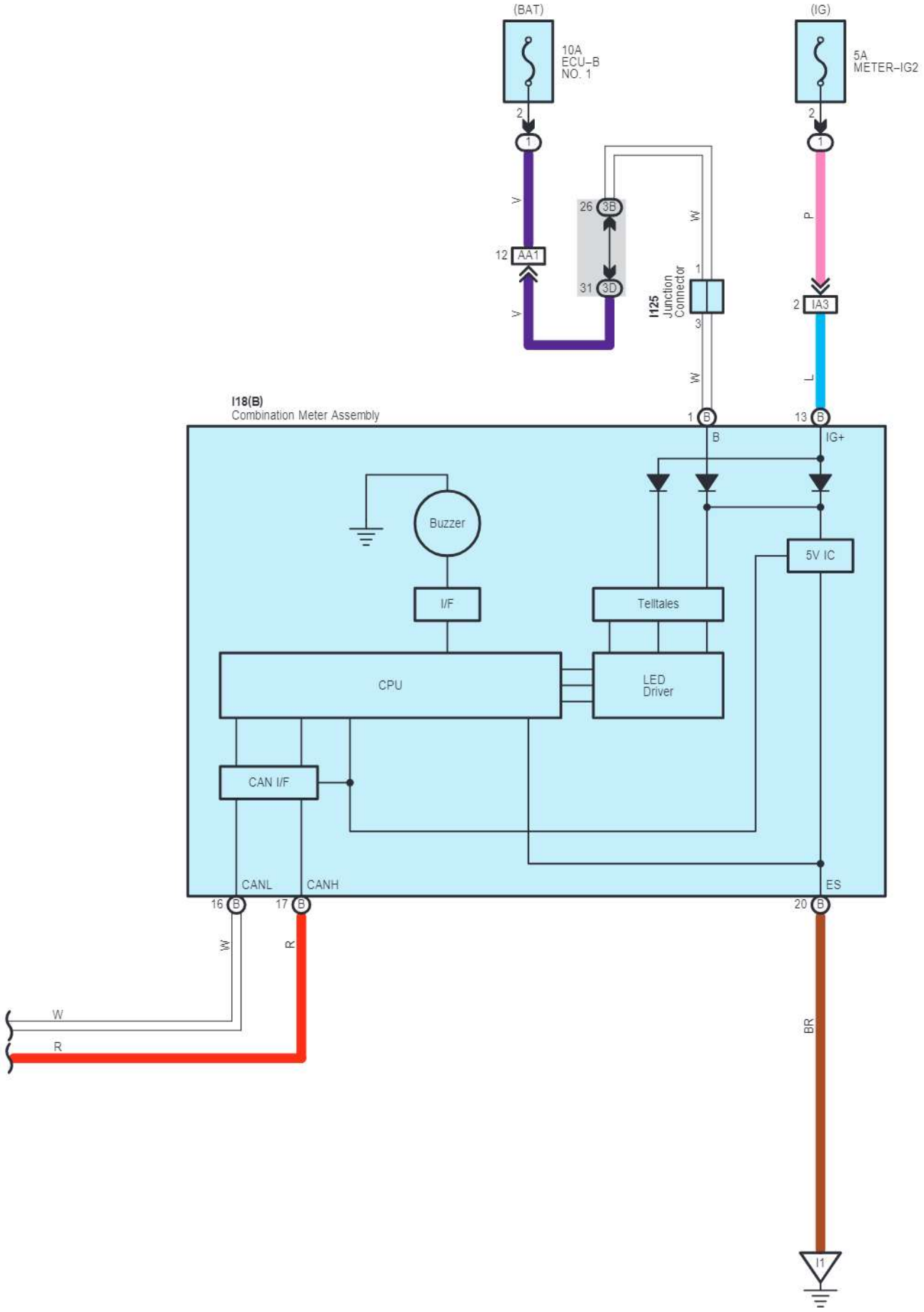



IA8
Gray
1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18
10 9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11

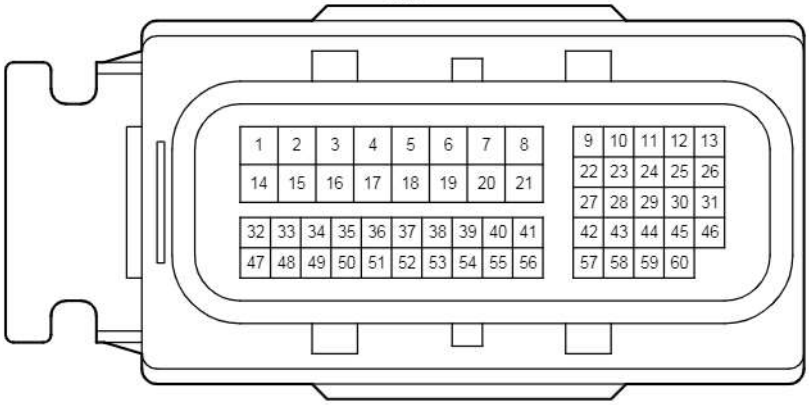

(BAT)
(IG)
80A
EPS
7. 5A
EPS-IG1
2
44
3A
1
B
V
3
IA2
5
Ij2
B
R
1
Ij1
R
1
A
PIG
1
B
IG
j2(A), j3(B)
Power Steering ECU Assembly
GR
SB
Y
GR
3
Ij2
O
SB
Y
5
B
TS
8
B
CANL
4
B
CANH
PGND
PHA
PHB
PHC
RZV1
RZV2
RZCS1
RZSN1
RZCS2
RZSN2
TRQ1
TRQ2
TRQV
TRQF
TRQG
2
A
B
W
G
R
Y
B
L
Power Steering Motor
Torque Sensor
j1


GR
GR
SB
Y
A25(A), E28(B)
ECM
CANH
CANL
NE+
NE–
13 A
26 A
76 B
109 B
B
W
Y
SB
(Shielded)
2 IJ2
1 IJ2
15 IA8
14 IA8
G
W
P
W
B
W
1 A
2 A
1 E
2 E
1
2
E72
Crank Position Sensor
I100(A), I101(B), I104(E)
Junction Connector
1 B
2 B
B
W
BR
18 EA2
BR
8 EA2
BR
BR
W
B
E3

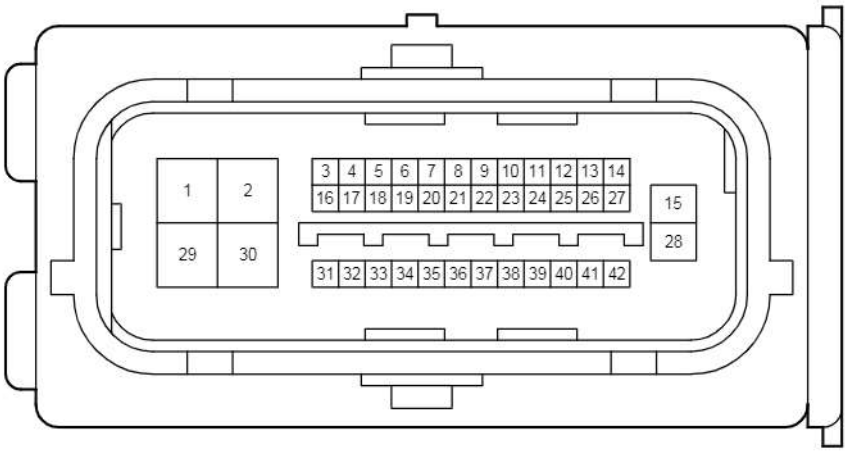

GR
A28
Skid Control ECU with Actuator
(Brake Booster with Master Cylinder Assembly)
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
CA1H
CA1L
31
32
18
5
20
7
22
9
37
38
B
W
B
W
R
G
W
B
GR
W
14 AA1
15 AA1
GR
W
16 IA4
17 IA4
Y
W
Front Speed Sensors
Rear Speed Sensors
1 I
2 I
1 H
2 H
1 A
2 A
1 B
2 B
G
W
B
W
R
W
25 D
24 D
CA1H
CA1L
I4(D)
Power Management
Control ECU
GR
12
I39
Data Link
Connector 3
TS
CANH
CANL
6
14
L
W
1 D
2 D
B3(A), I94(B), I96(D),
I109(H), I110(I)
Junction Connector
W
R
W
B


(BAT)
10A
ECU-B
NO. 1
2
1
V
12 AA1
V
26 3B
31 3D
W
I125
Junction
Connector
1
3
W
(IG)
5A
METER-IG2
2
1
P
2 IA3
L
I18(B)
Combination Meter Assembly
1 B
13 B
B
IG+
Buzzer
I/F
Telltales
5V IC
CPU
LED
Driver
CAN I/F
CANL
CANH
ES
16 B
17 B
20 B
W
R
W
R
BR
I1

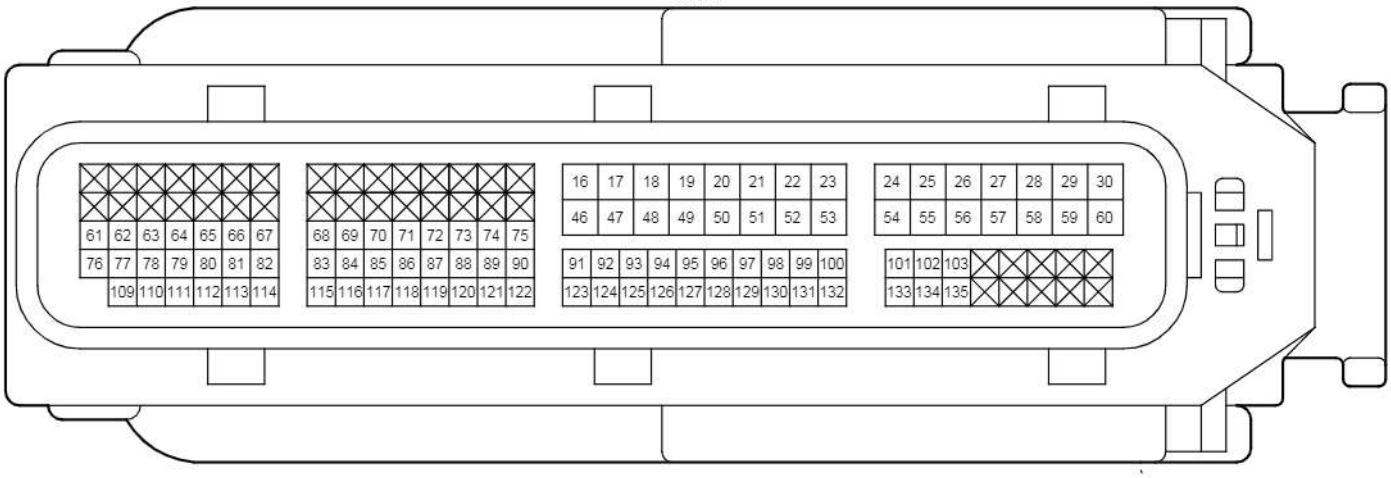
A 25
Black



A 28
Black



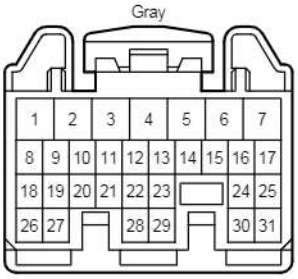
E 28
Black



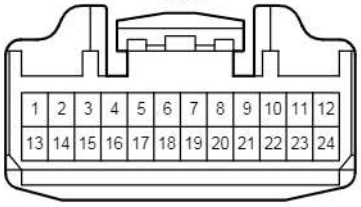
E 72
Black



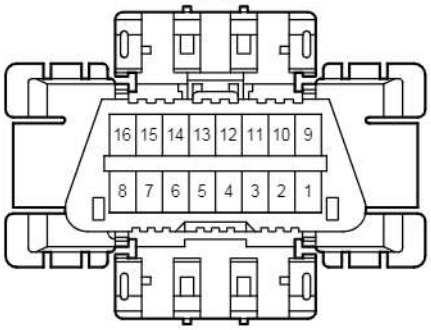
I 4
Gray



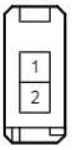
I 18
Black



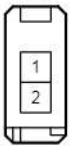
I 39
White



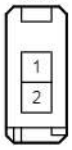
I 93
White



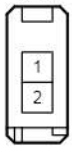
I 94
White



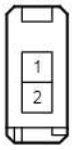
I 96
White



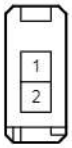
I100
White



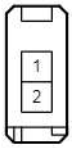
I101
White



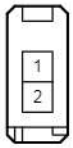
I104
White



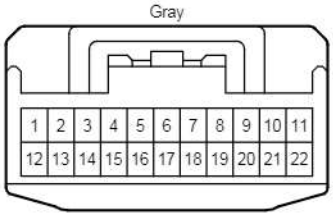
I109
White



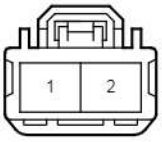
I110
White



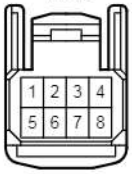
I125
Gray



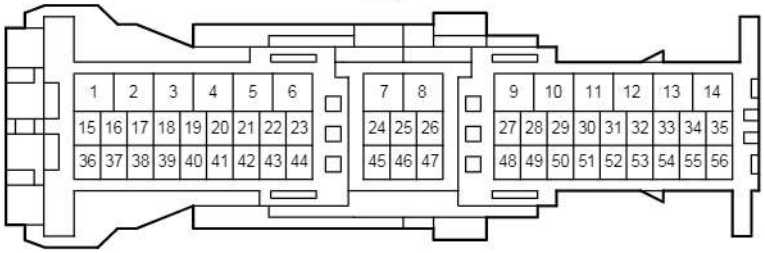
j 2
White



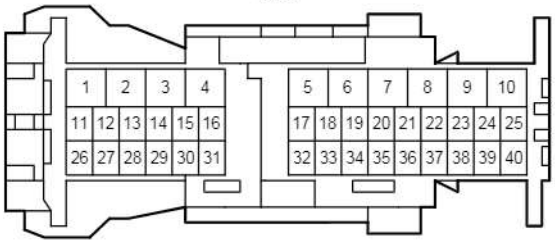
j 3
White



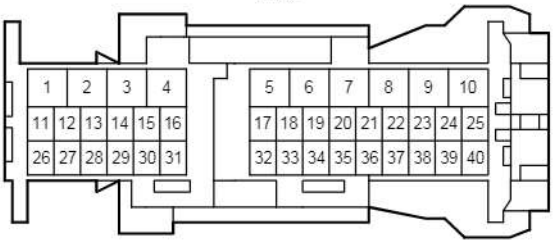
3A
White



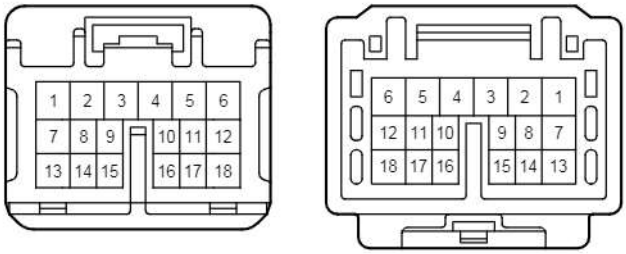
3B
White



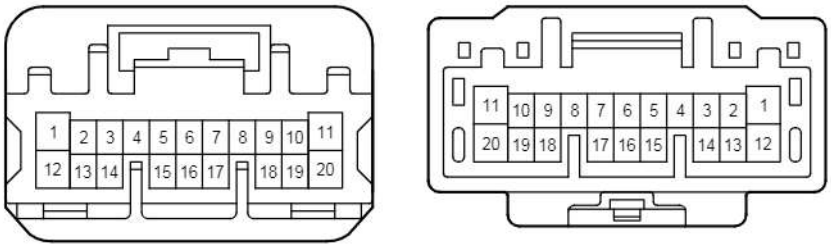
3D
White



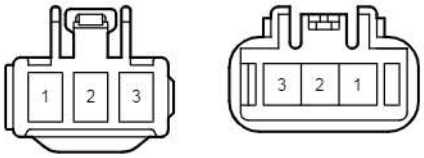
AA1
Blue



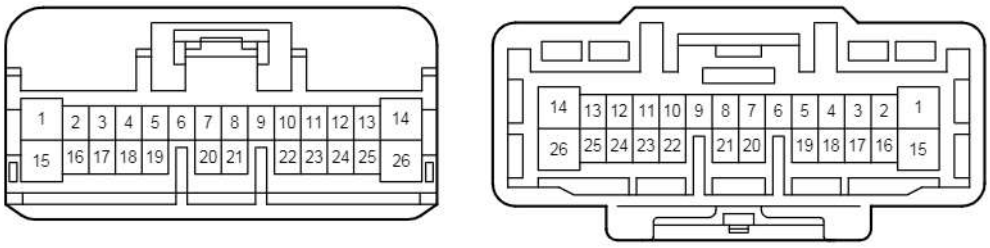
EA2
White



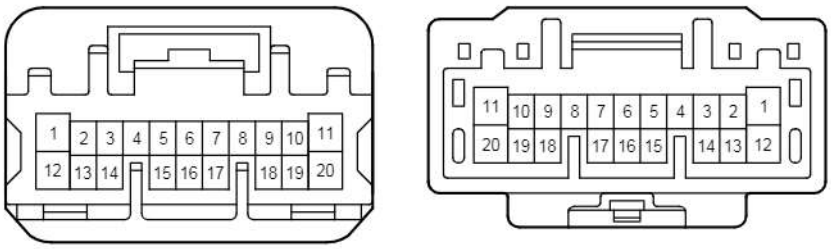
IA2
Gray

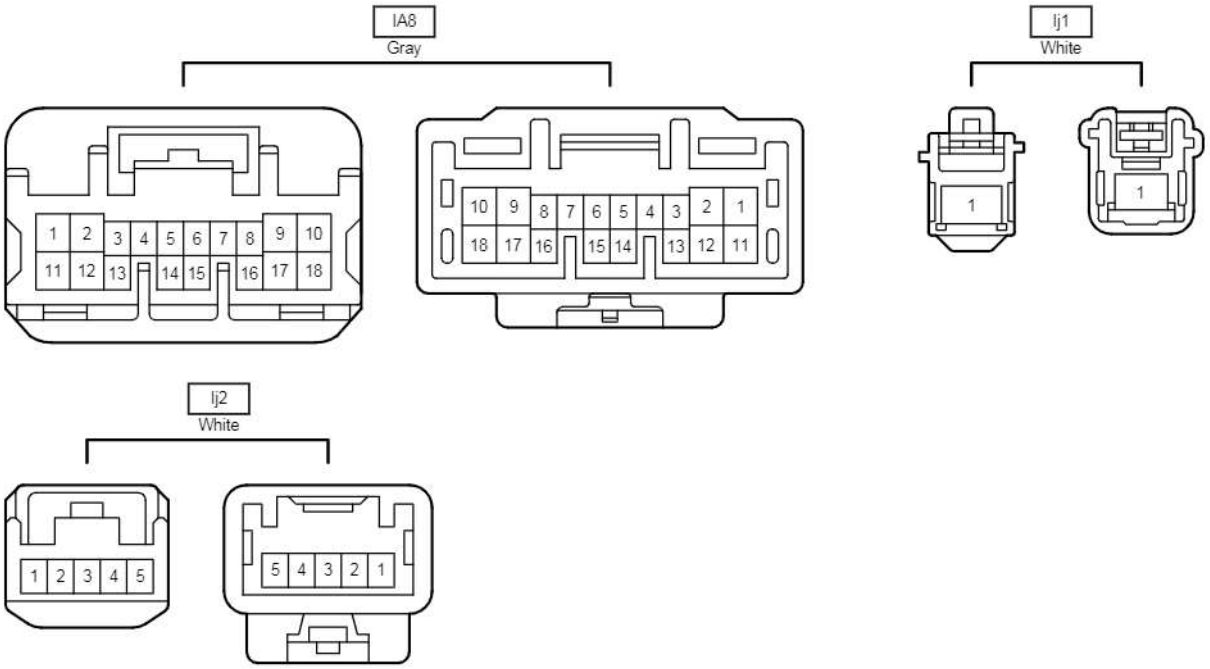


IA3
Blue

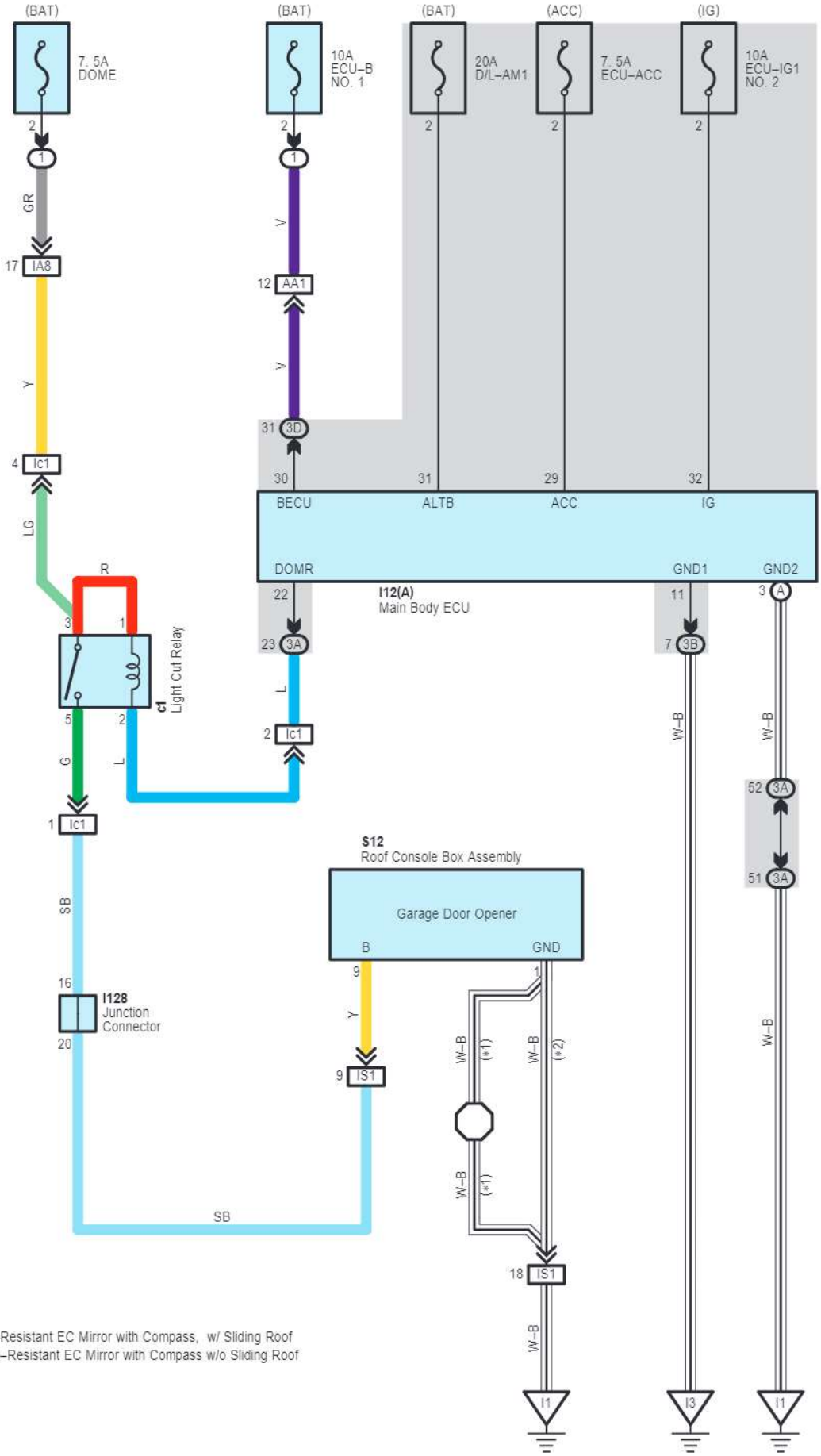


IA4
Gray



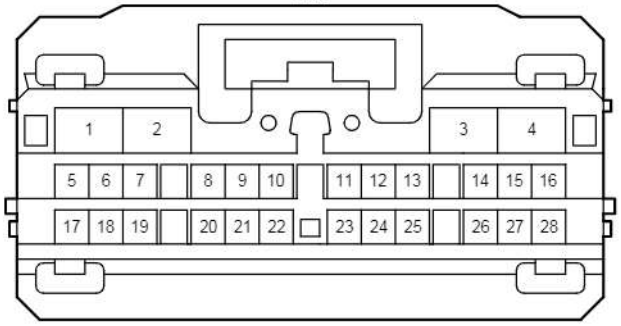

IA8
Gray
1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18
10 9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11
Ij1
White
1
1

Ij2
White
1 2 3 4 5
5 4 3 2 1

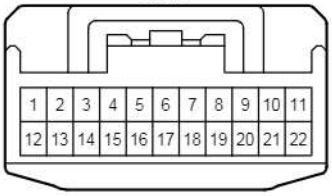


* 1 : w/ Automatic Glare–Resistant EC Mirror with Compass, w/ Sliding Roof
* 2 : w/o Automatic Glare–Resistant EC Mirror with Compass w/o Sliding Roof

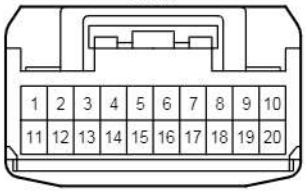
I 12
White



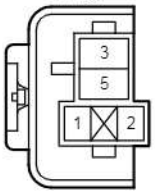
I128
White



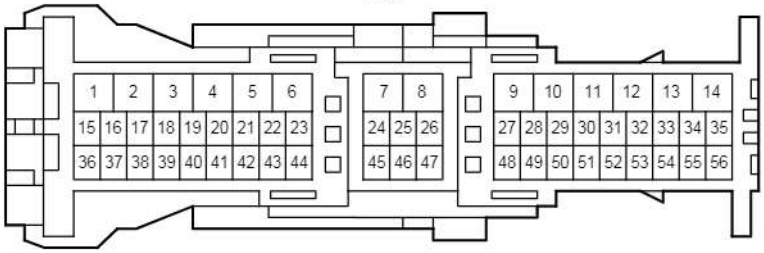
S 12
Black



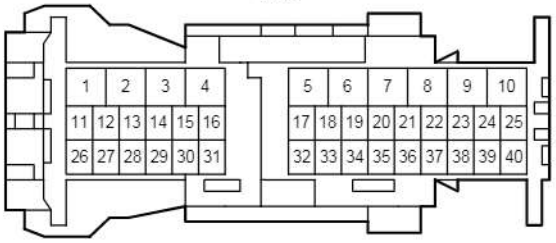
c 1
White



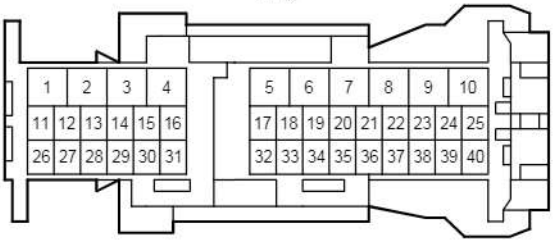
3A
White



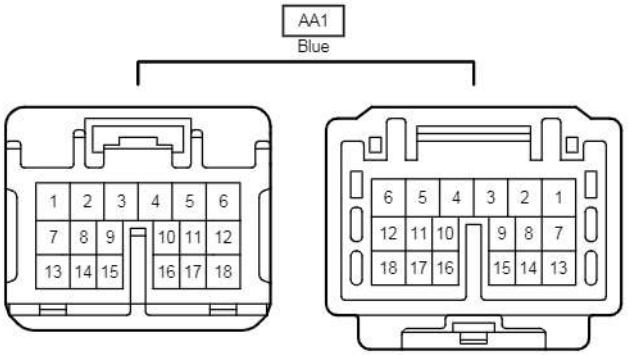
3B
White

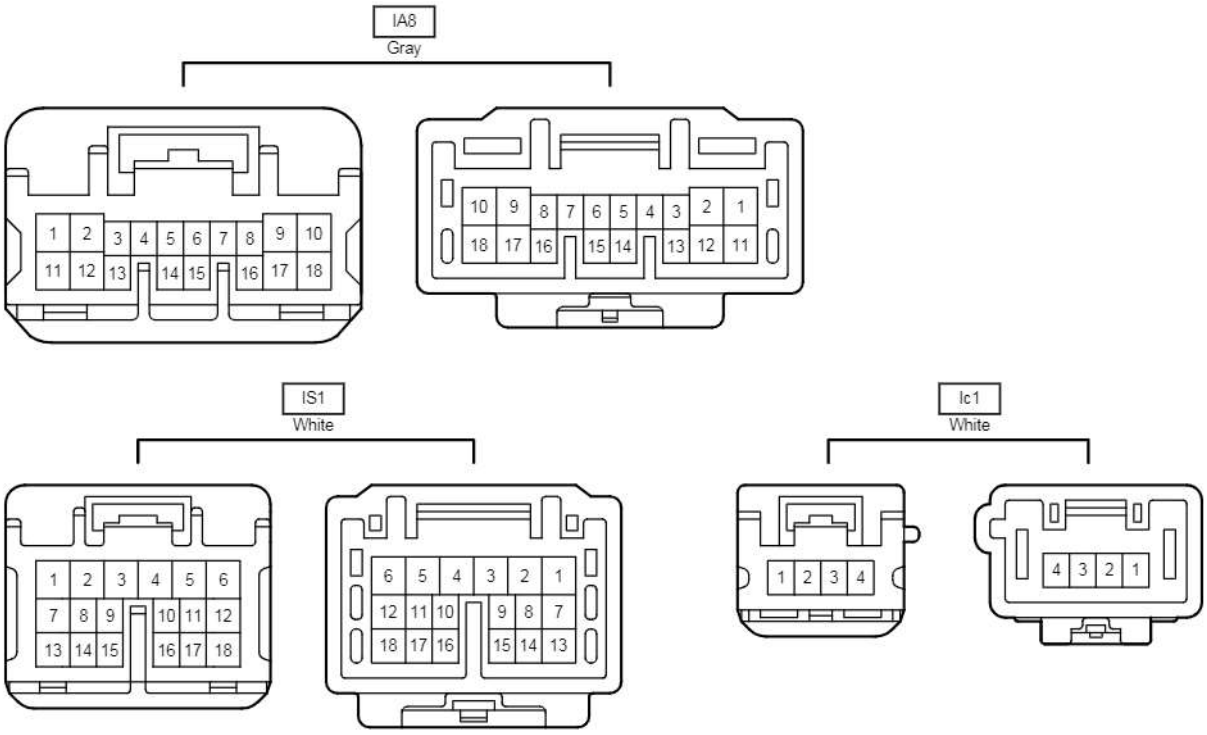


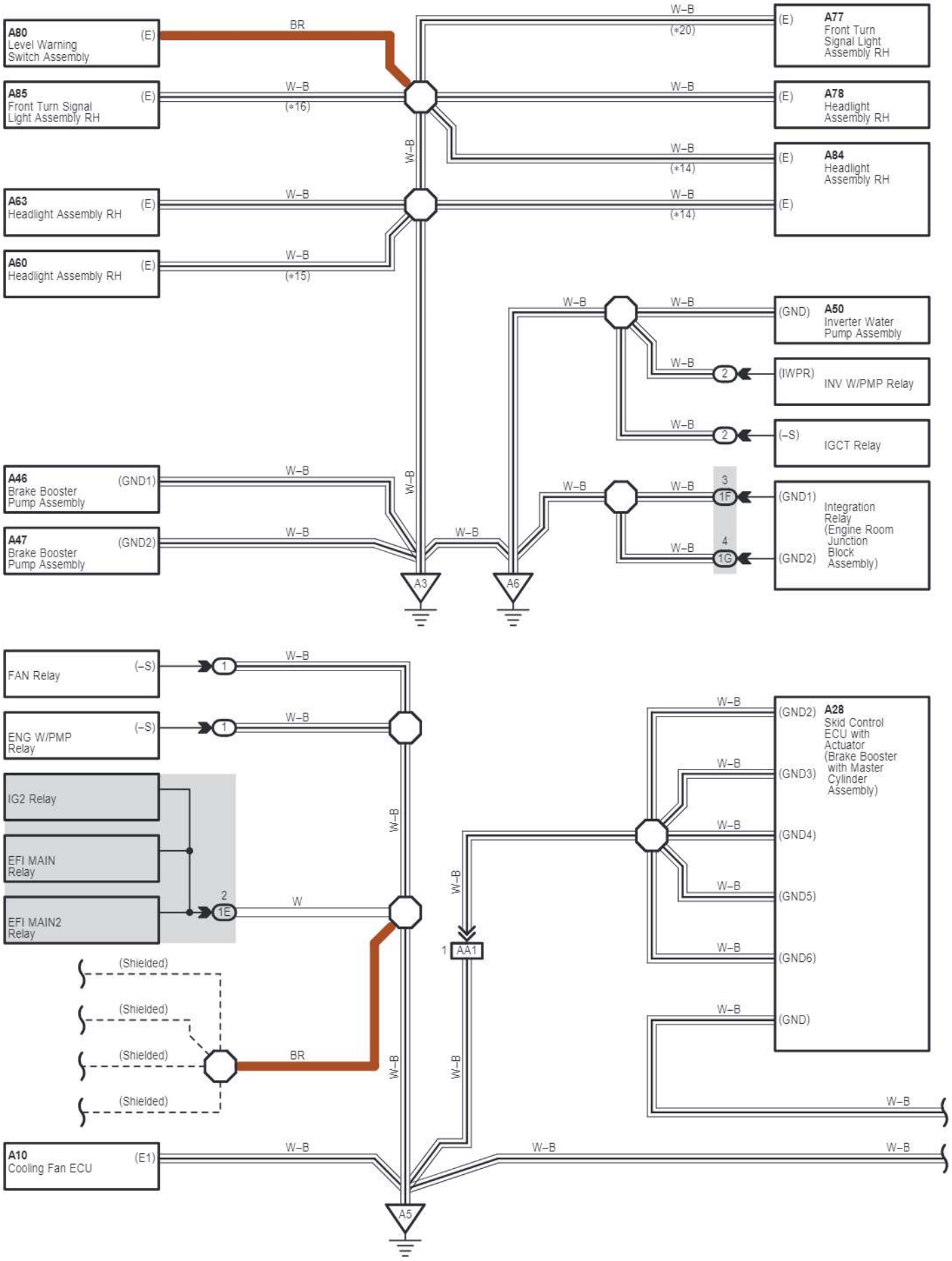
3D
White



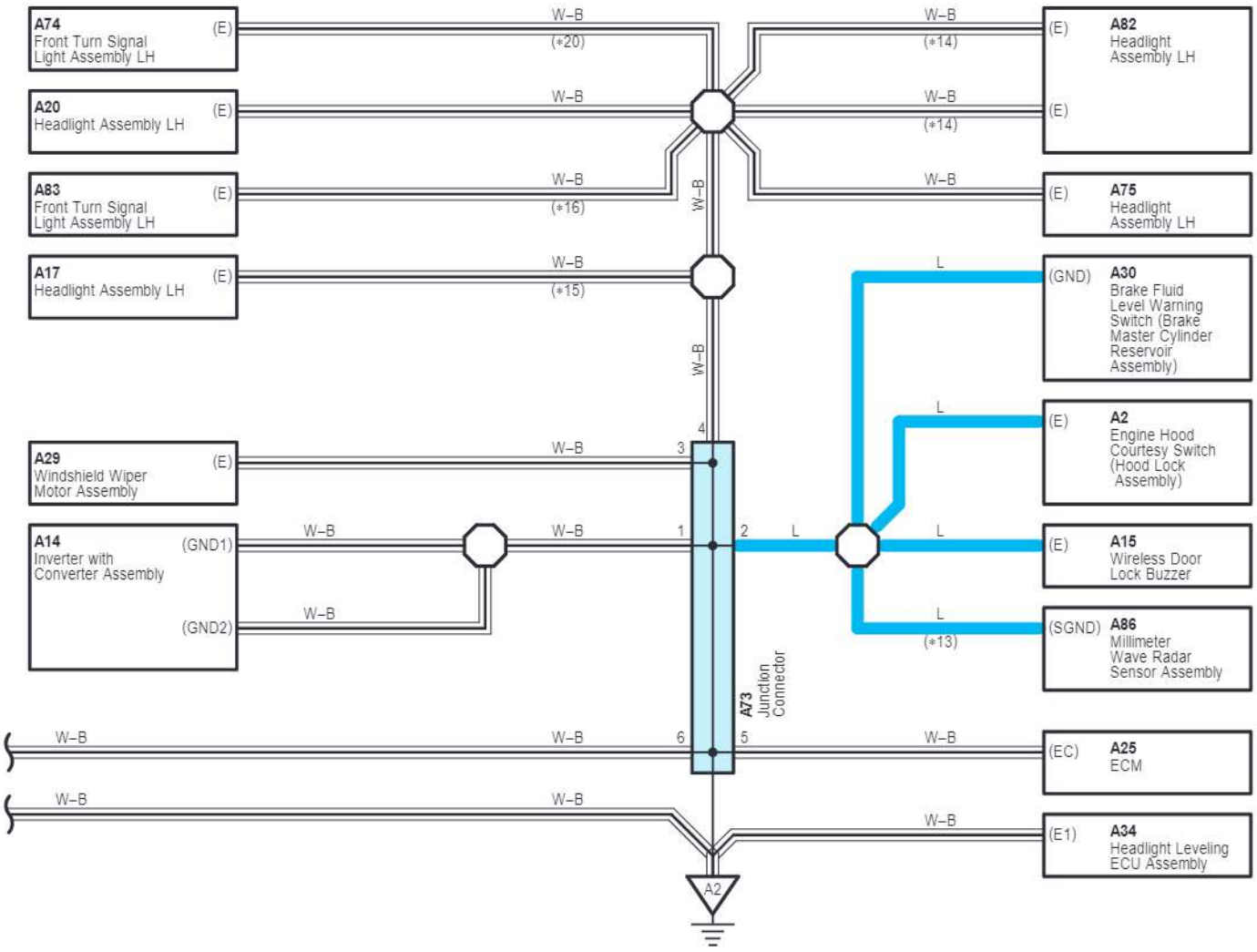
AA1
Blue

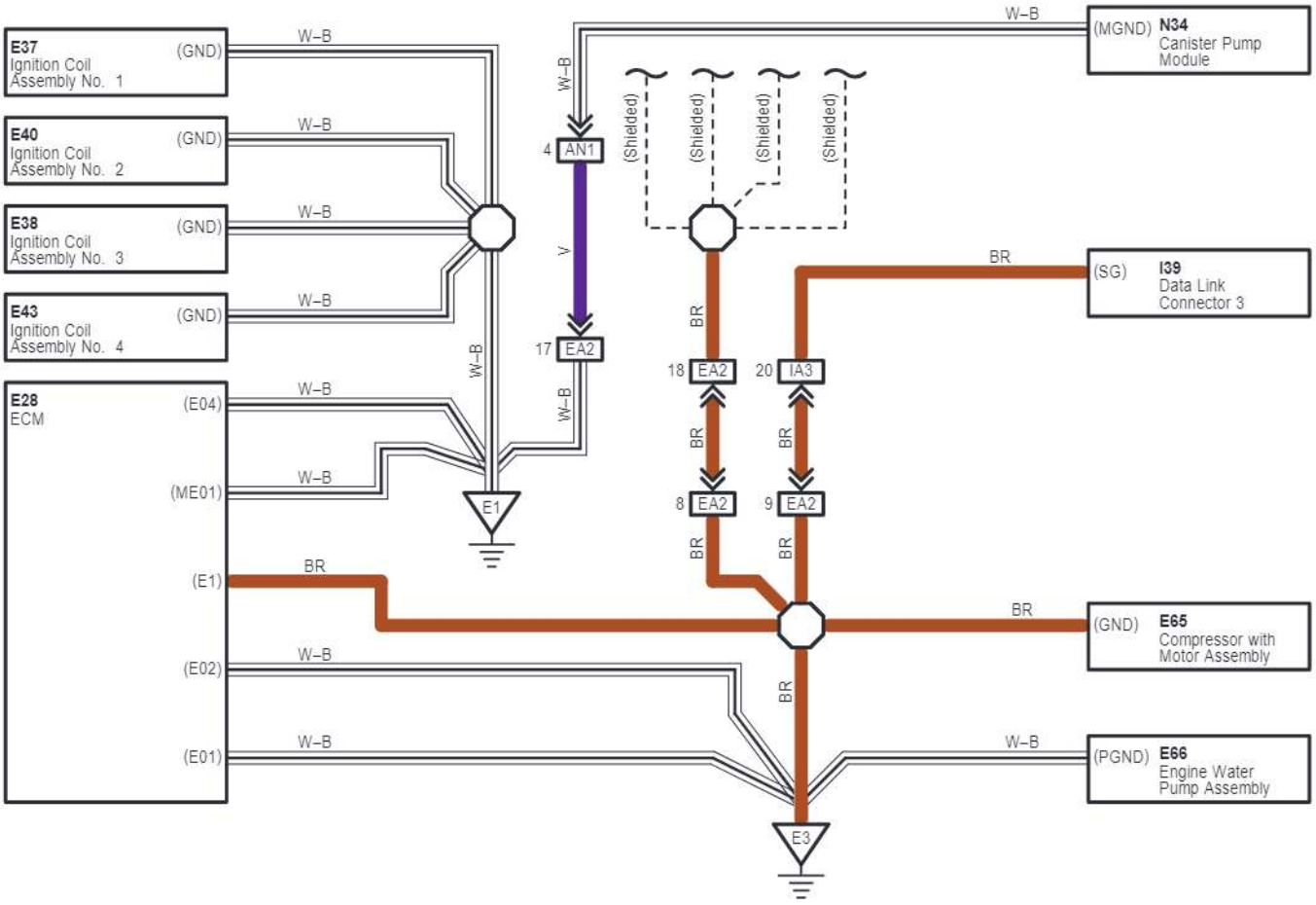



IA8
Gray
1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18
10 9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11
IS1
White
1 2 3 4 5 6
7 8 9 10 11 12
13 14 15 16 17 18
6 5 4 3 2 1
12 11 10 9 8 7
18 17 16 15 14 13
Ic1
White
1 2 3 4
4 3 2 1

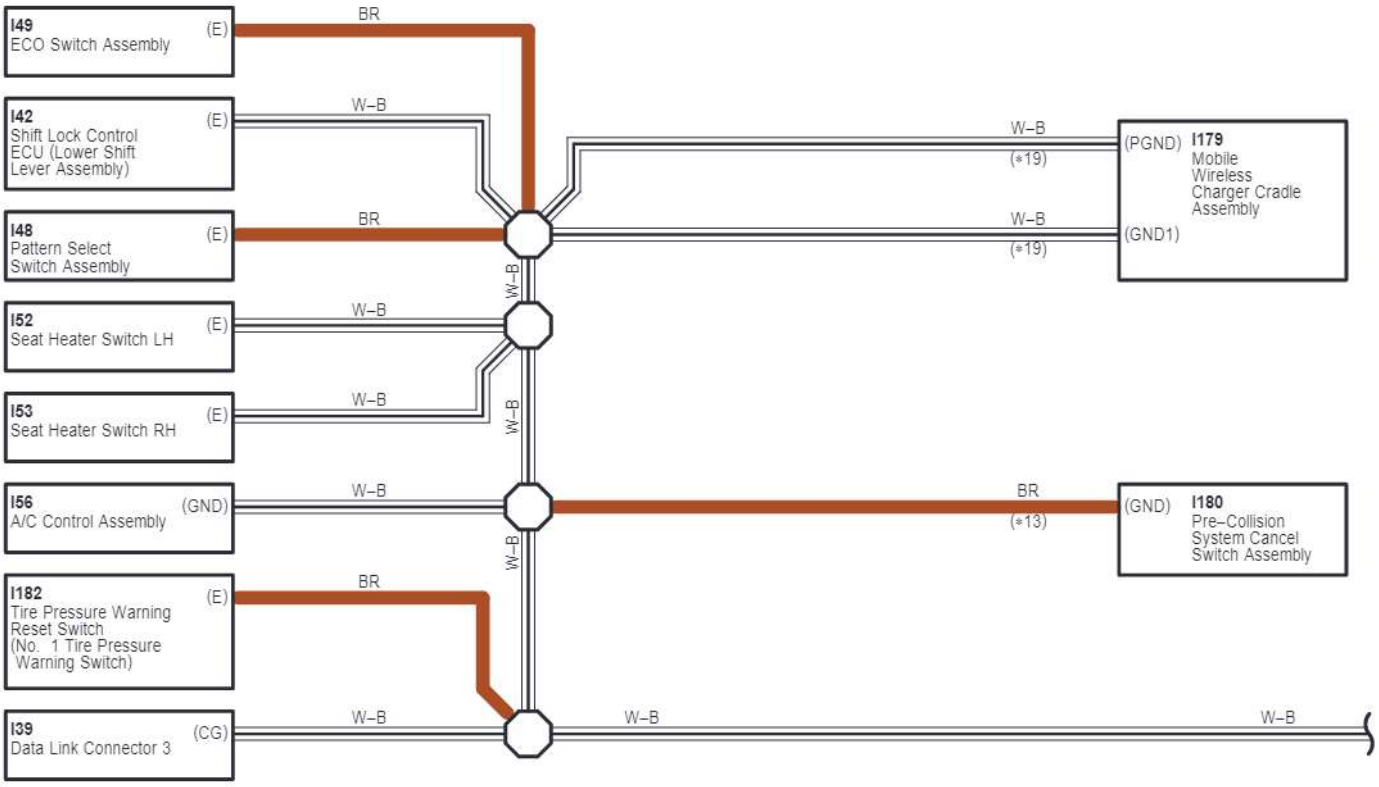

A80
Level Warning
Switch Assembly
(E)
BR
A85
Front Turn Signal
Light Assembly RH
(E)
W–B
(*16)
A63
Headlight Assembly RH
(E)
A60
Headlight Assembly RH
(E)
W–B
(*15)
W–B
(*20)
(E)
A77
Front Turn
Signal Light
Assembly RH
W–B
(E)
A78
Headlight
Assembly RH
W–B
(*14)
(E)
A84
Headlight
Assembly RH
W–B
(*14)
(E)
A46
Brake Booster
Pump Assembly
(GND1)
A47
Brake Booster
Pump Assembly
(GND2)
A3
A6
(GND)
A50
Inverter Water
Pump Assembly
(IWPR)
INV W/PMP Relay
(–S)
IGCT Relay
3
1F
4
1G
(GND1)
(GND2)
Integration
Relay
(Engine Room
Junction
Block
Assembly)
FAN Relay
(–S)
ENG W/PMP
Relay
(–S)
IG2 Relay
EFI MAIN
Relay
EFI MAIN2
Relay
2
1E
W
(Shielded)
(Shielded)
(Shielded)
(Shielded)
BR
1
AA1
A10
Cooling Fan ECU
(E1)
A5
(GND2)
A28
Skid Control
ECU with
Actuator
(Brake Booster
with Master
Cylinder
Assembly)
(GND3)
(GND4)
(GND5)
(GND6)
(GND)
W–B

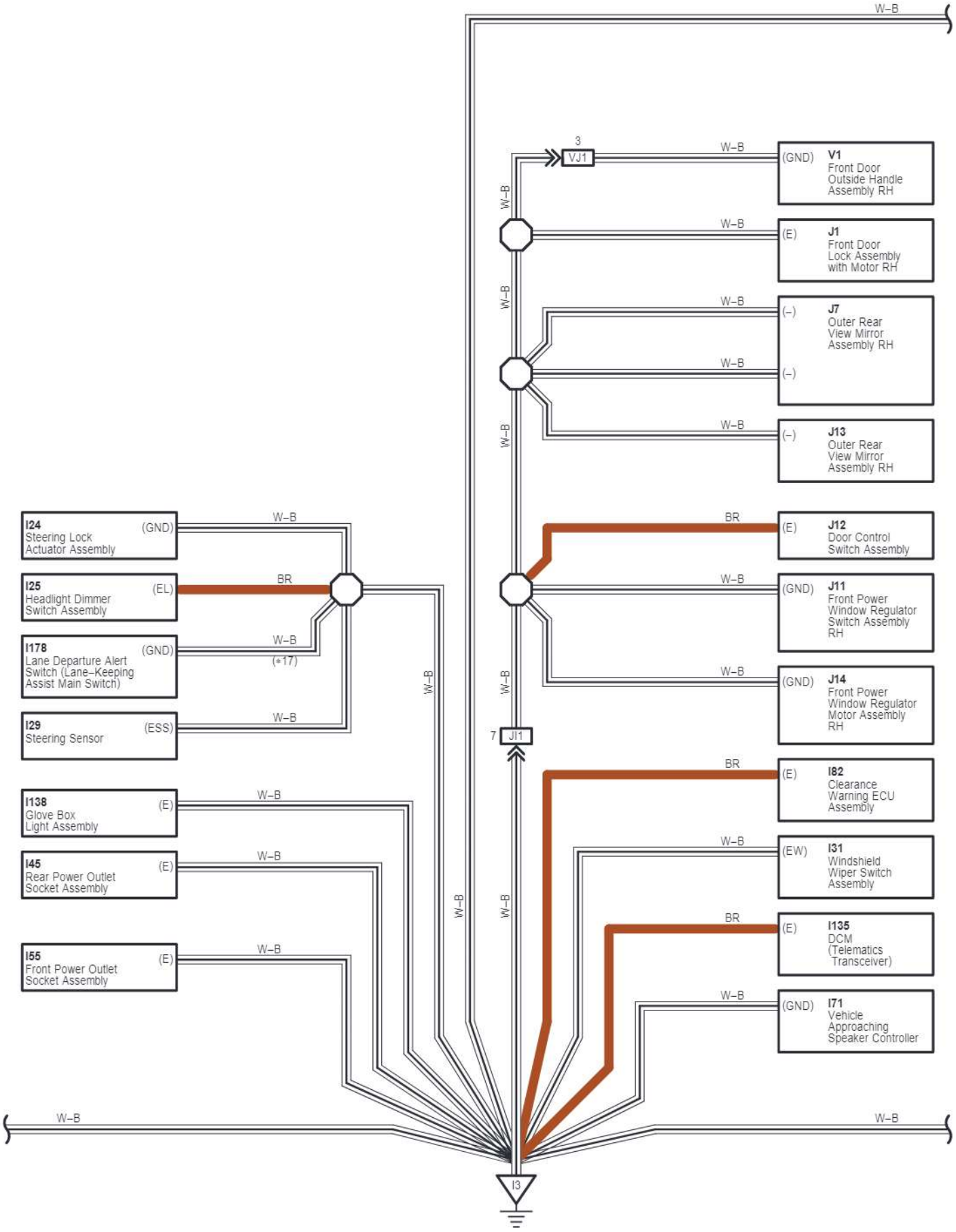
*13 : w/ Pre–Collision System
*14 : LED Headlight
*15 : Halogen Headlight
*16 : w/ LED Daytime Running Light
*20 : w/o LED Daytime Running Light

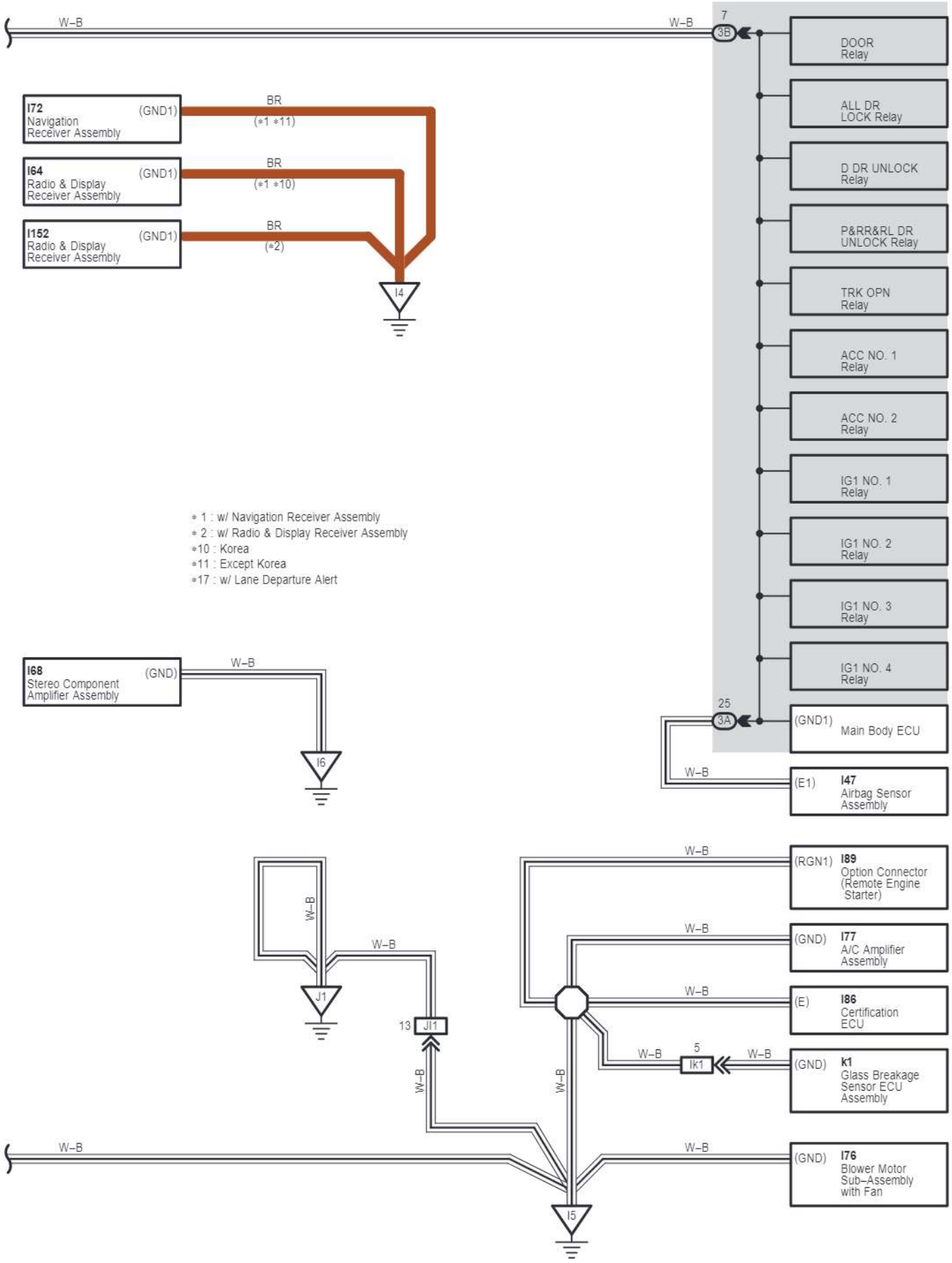


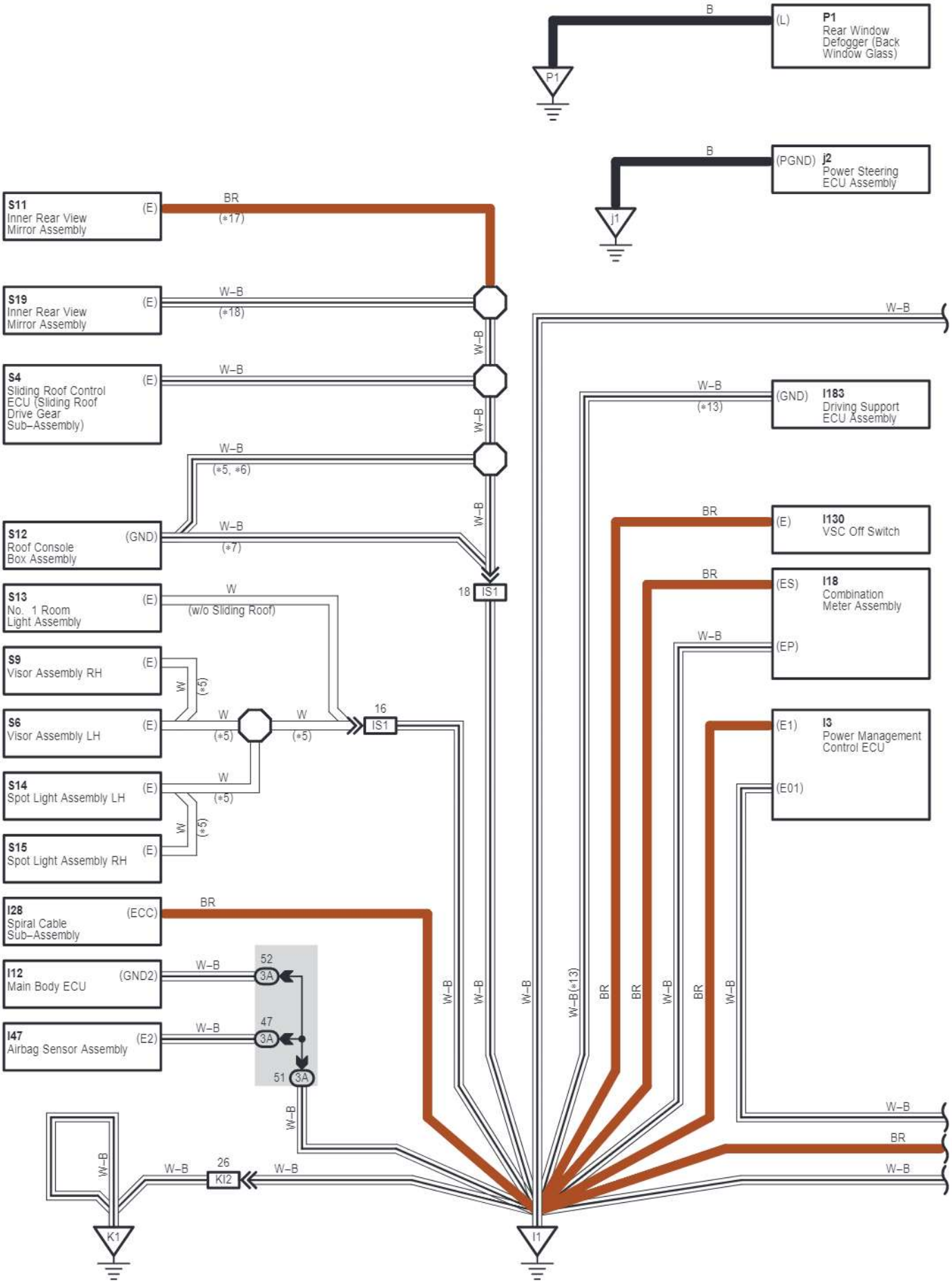

E37
Ignition Coil
Assembly No. 1
(GND)
E40
Ignition Coil
Assembly No. 2
(GND)
E38
Ignition Coil
Assembly No. 3
(GND)
E43
Ignition Coil
Assembly No. 4
(GND)
E28
ECM
(E04)
(ME01)
(E1)
(E02)
(E01)
W-B
V
BR
4 AN1
17 EA2
18 EA2
20 IA3
8 EA2
9 EA2
(Shielded)
E1
E3
(MGND) N34
Canister Pump
Module
(SG) I39
Data Link
Connector 3
(GND) E65
Compressor with
Motor Assembly
(PGND) E66
Engine Water
Pump Assembly

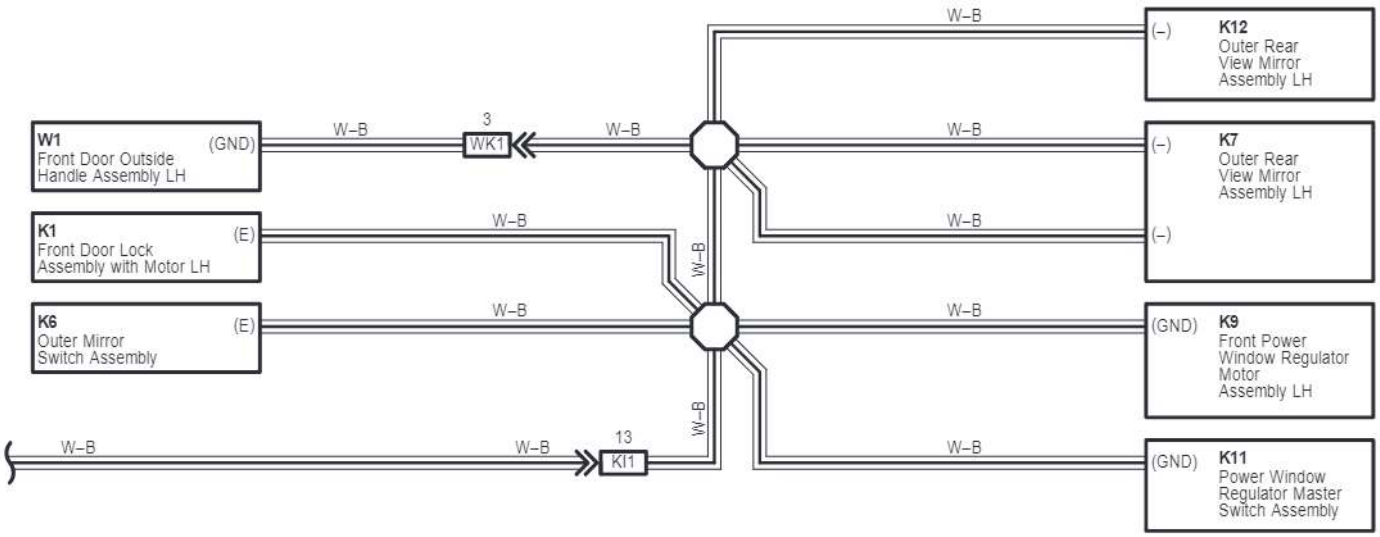
*13 : w/ Pre–Collision System
*19 : w/ Wireless Charger System

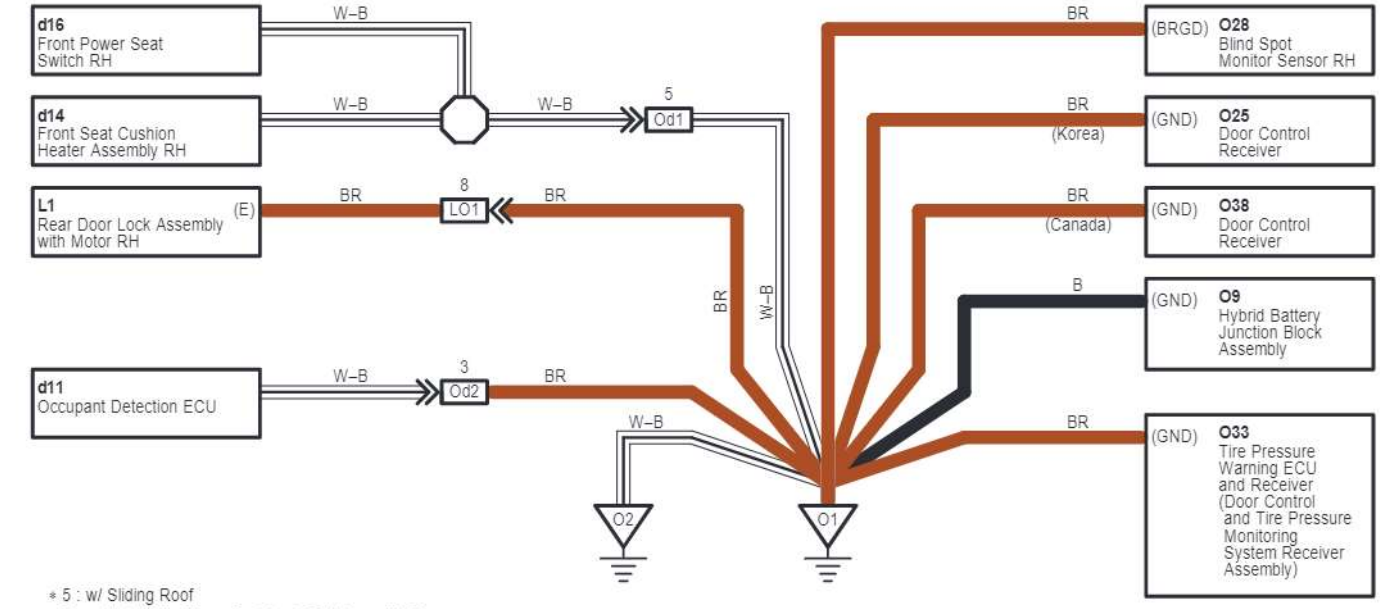



W-B
3
VJ1
W-B
(GND)
V1
Front Door Outside Handle Assembly RH
W-B
(E)
J1
Front Door Lock Assembly with Motor RH
W-B
(–)
J7
Outer Rear View Mirror Assembly RH
W-B
(–)
W-B
(–)
J13
Outer Rear View Mirror Assembly RH
BR
(E)
J12
Door Control Switch Assembly
W-B
(GND)
J11
Front Power Window Regulator Switch Assembly RH
W-B
(GND)
J14
Front Power Window Regulator Motor Assembly RH
7
JI1
BR
(E)
I82
Clearance Warning ECU Assembly
W-B
(EW)
I31
Windshield Wiper Switch Assembly
BR
(E)
I135
DCM (Telematics Transceiver)
W-B
(GND)
I71
Vehicle Approaching Speaker Controller
I24
Steering Lock Actuator Assembly
(GND)
W-B
I25
Headlight Dimmer Switch Assembly
(EL)
BR
I178
Lane Departure Alert Switch (Lane-Keeping Assist Main Switch)
(GND)
W-B
(*17)
I29
Steering Sensor
(ESS)
W-B
I138
Glove Box Light Assembly
(E)
W-B
I45
Rear Power Outlet Socket Assembly
(E)
W-B
I55
Front Power Outlet Socket Assembly
(E)
W-B
W-B
W-B
W-B
W-B
W-B
W-B
W-B
W-B
W-B
I3

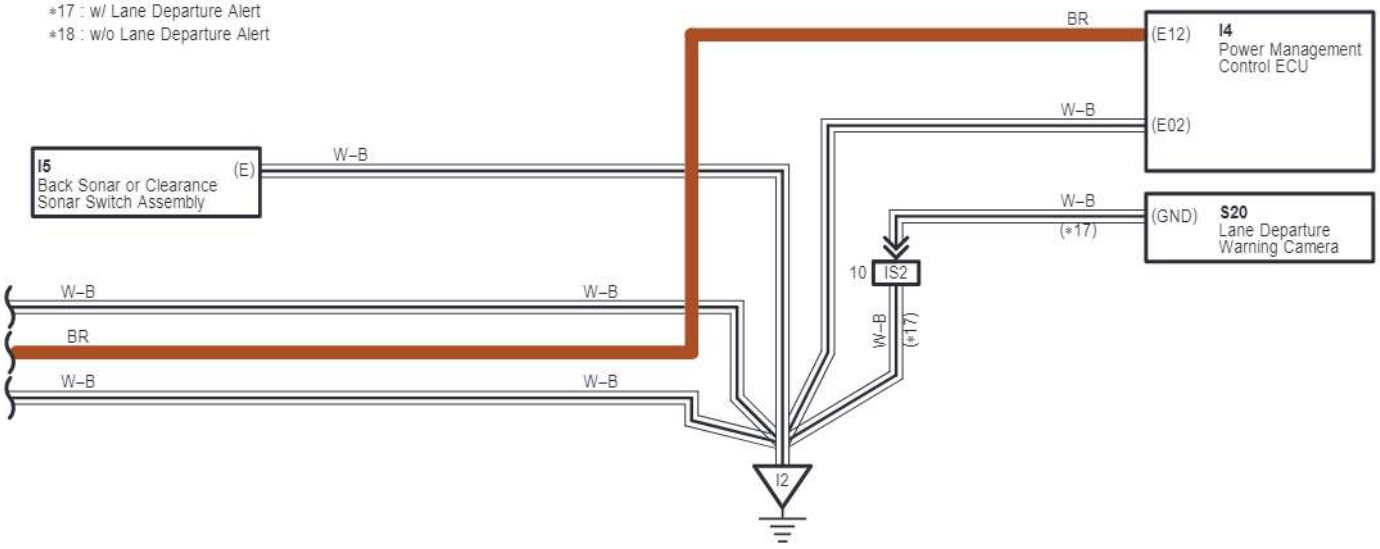

W–B
W–B
7
3B
DOOR Relay
ALL DR LOCK Relay
D DR UNLOCK Relay
P&RR&RL DR UNLOCK Relay
TRK OPN Relay
ACC NO. 1 Relay
ACC NO. 2 Relay
IG1 NO. 1 Relay
IG1 NO. 2 Relay
IG1 NO. 3 Relay
IG1 NO. 4 Relay
I72 (GND1) Navigation Receiver Assembly
BR (*1 *11)
I64 (GND1) Radio & Display Receiver Assembly
BR (*1 *10)
I152 (GND1) Radio & Display Receiver Assembly
BR (*2)
I4
* 1 : w/ Navigation Receiver Assembly
* 2 : w/ Radio & Display Receiver Assembly
*10 : Korea
*11 : Except Korea
*17 : w/ Lane Departure Alert
I68 (GND) Stereo Component Amplifier Assembly
W–B
I6
25
3A
(GND1) Main Body ECU
W–B
(E1) I47 Airbag Sensor Assembly
W–B
(RGN1) I89 Option Connector (Remote Engine Starter)
W–B
(GND) I77 A/C Amplifier Assembly
W–B
(E) I86 Certification ECU
W–B
5
Ik1
W–B
(GND) k1 Glass Breakage Sensor ECU Assembly
W–B
J1
W–B
13
JI1
W–B
W–B
W–B
W–B
(GND) I76 Blower Motor Sub–Assembly with Fan
I5

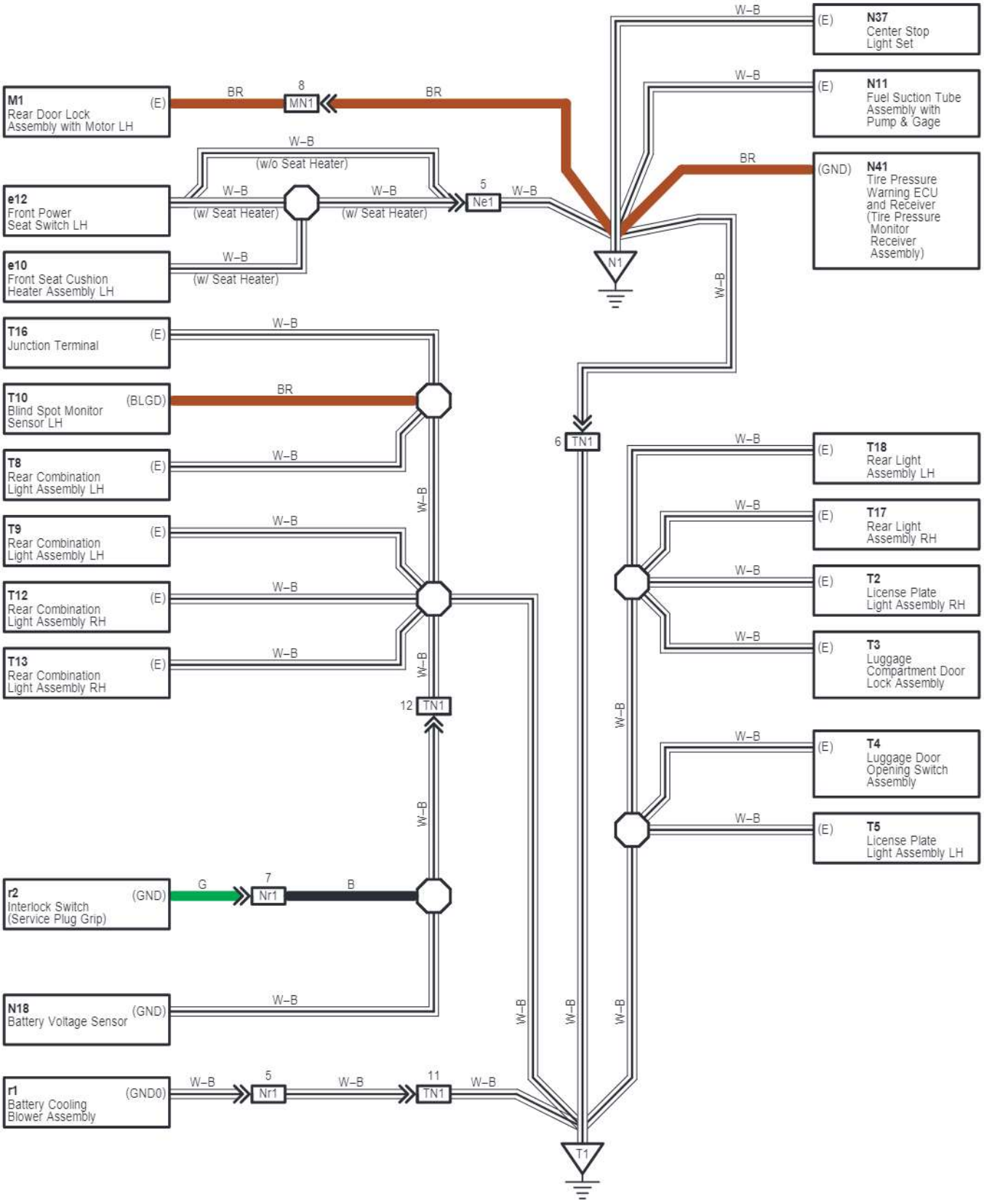

B
(L)
P1
Rear Window Defogger (Back Window Glass)
P1
B
(PGND)
j2
Power Steering ECU Assembly
j1
S11
Inner Rear View Mirror Assembly
(E)
BR
(*17)
S19
Inner Rear View Mirror Assembly
(E)
W–B
(*18)
S4
Sliding Roof Control ECU (Sliding Roof Drive Gear Sub–Assembly)
(E)
W–B
W–B
(*5, *6)
S12
Roof Console Box Assembly
(GND)
W–B
(*7)
S13
No. 1 Room Light Assembly
(E)
W
(w/o Sliding Roof)
S9
Visor Assembly RH
(E)
W
(*5)
S6
Visor Assembly LH
(E)
W
(*5)
W
(*5)
S14
Spot Light Assembly LH
(E)
W
(*5)
S15
Spot Light Assembly RH
(E)
W
(*5)
I28
Spiral Cable Sub–Assembly
(ECC)
BR
I12
Main Body ECU
(GND2)
W–B
I47
Airbag Sensor Assembly
(E2)
W–B
52
3A
47
3A
51
3A
18
IS1
16
IS1
26
KI2
K1
I1
W–B
W–B(*13)
BR
W–B(*13)
(GND)
I183
Driving Support ECU Assembly
BR
(E)
I130
VSC Off Switch
BR
(ES)
I18
Combination Meter Assembly
W–B
(EP)
(E1)
I3
Power Management Control ECU
(E01)
W–B
BR
W–B





∗ 5 : w/ Sliding Roof
∗ 6 : w/ Automatic Glare–Resistant EC Mirror with Compass
∗ 7 : w/o Automatic Glare–Resistant EC Mirror with Compass w/o Sliding Roof
∗13 : w/ Pre–Collision System
∗17 : w/ Lane Departure Alert
∗18 : w/o Lane Departure Alert

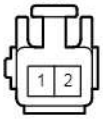



M1
Rear Door Lock
Assembly with Motor LH
(E)
BR
8
MN1
BR
W–B
(w/o Seat Heater)
e12
Front Power
Seat Switch LH
W–B
(w/ Seat Heater)
W–B
(w/ Seat Heater)
5
Ne1
W–B
e10
Front Seat Cushion
Heater Assembly LH
W–B
(w/ Seat Heater)
N1
W–B
(E)
N37
Center Stop
Light Set
W–B
(E)
N11
Fuel Suction Tube
Assembly with
Pump & Gage
BR
(GND)
N41
Tire Pressure
Warning ECU
and Receiver
(Tire Pressure
Monitor
Receiver
Assembly)
T16
Junction Terminal
(E)
W–B
T10
Blind Spot Monitor
Sensor LH
(BLGD)
BR
T8
Rear Combination
Light Assembly LH
(E)
W–B
T9
Rear Combination
Light Assembly LH
(E)
W–B
T12
Rear Combination
Light Assembly RH
(E)
W–B
T13
Rear Combination
Light Assembly RH
(E)
W–B
W–B
W–B
W–B
12
TN1
6
TN1
W–B
(E)
T18
Rear Light
Assembly LH
W–B
(E)
T17
Rear Light
Assembly RH
W–B
(E)
T2
License Plate
Light Assembly RH
W–B
(E)
T3
Luggage
Compartment Door
Lock Assembly
W–B
W–B
(E)
T4
Luggage Door
Opening Switch
Assembly
W–B
(E)
T5
License Plate
Light Assembly LH
r2
Interlock Switch
(Service Plug Grip)
(GND)
G
7
Nr1
B
N18
Battery Voltage Sensor
(GND)
W–B
W–B
W–B
W–B
r1
Battery Cooling
Blower Assembly
(GND0)
W–B
5
Nr1
W–B
11
TN1
W–B
T1

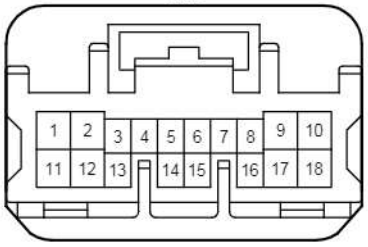
A 73
Gray



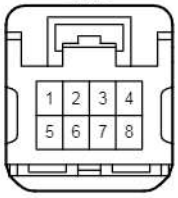
1E
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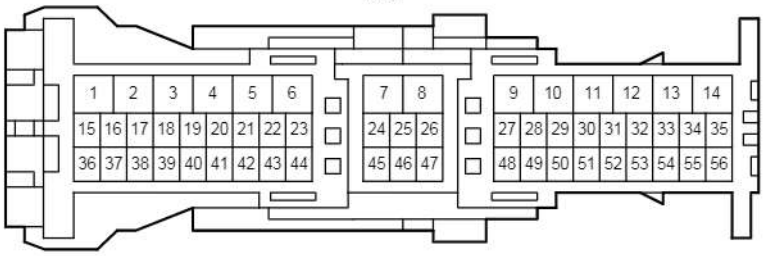
1F
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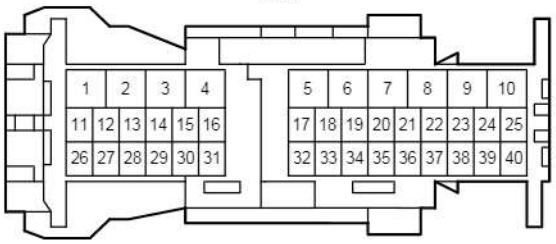
1G
White



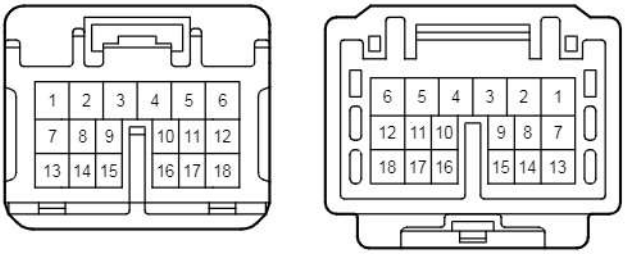
3A
White



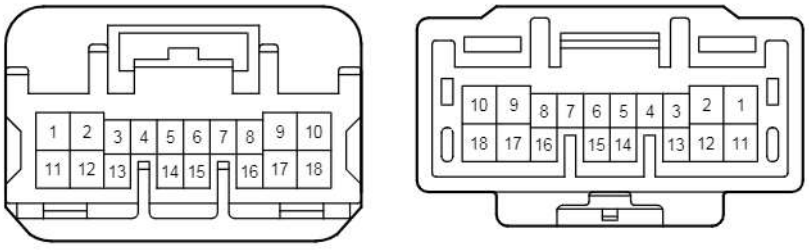
3B
White



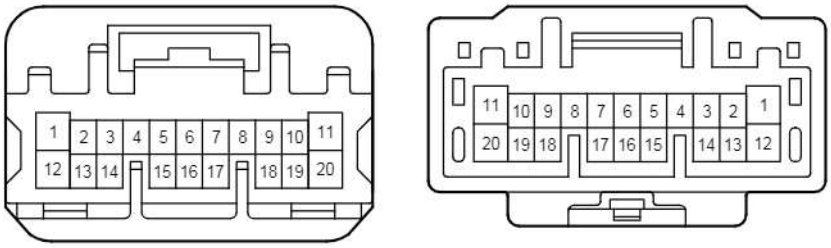
AA1
Blue



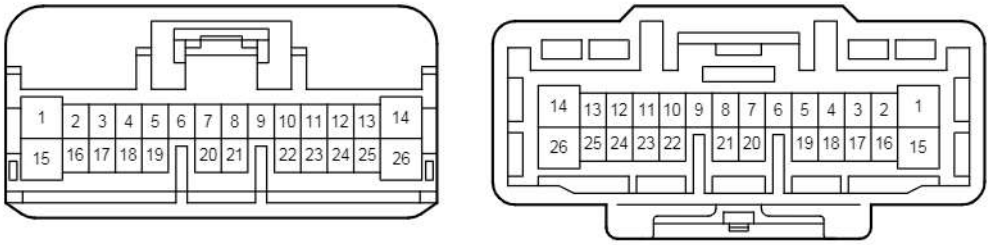
AN1
White



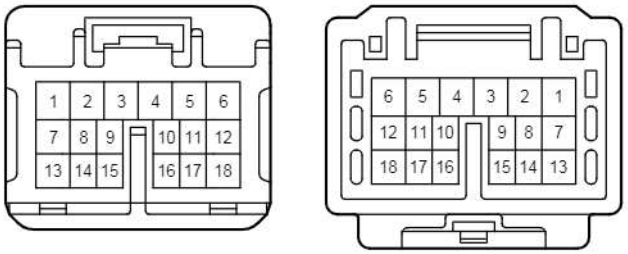
EA2
White



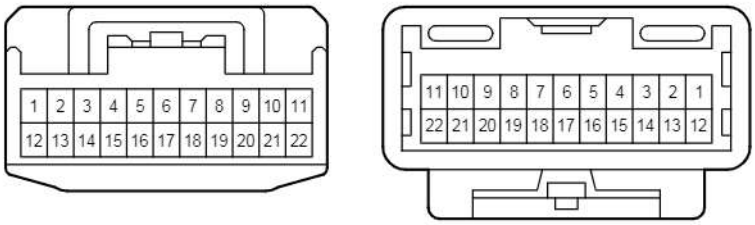
IA3
Blue



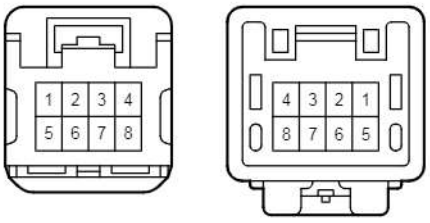
IS1
White



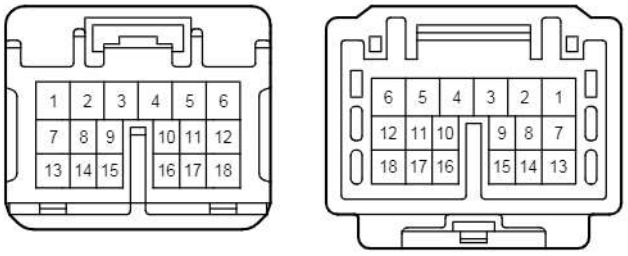
IS2
White



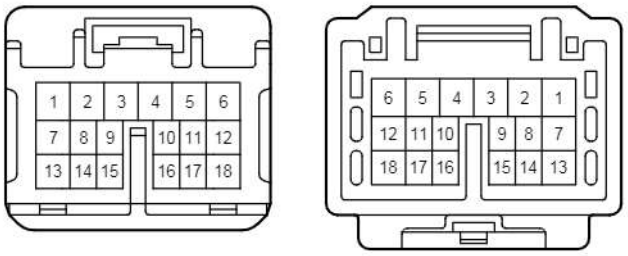
Ik1
White



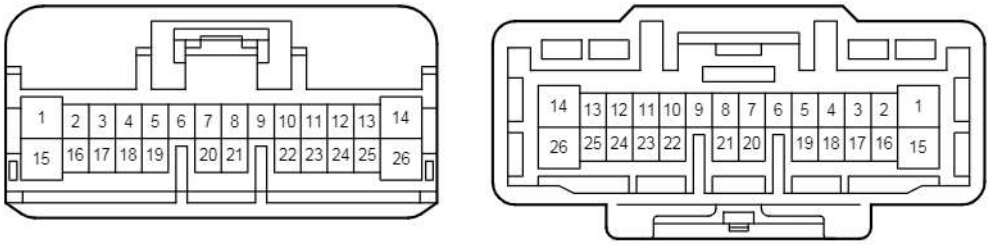
JI1
Gray



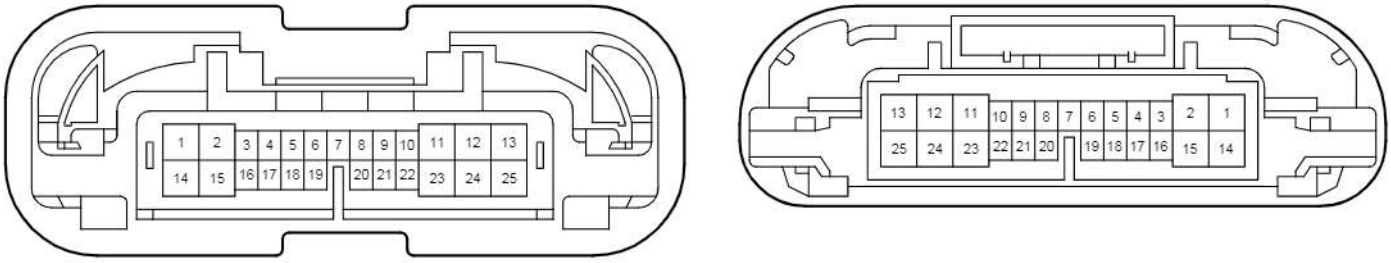
KI1
White



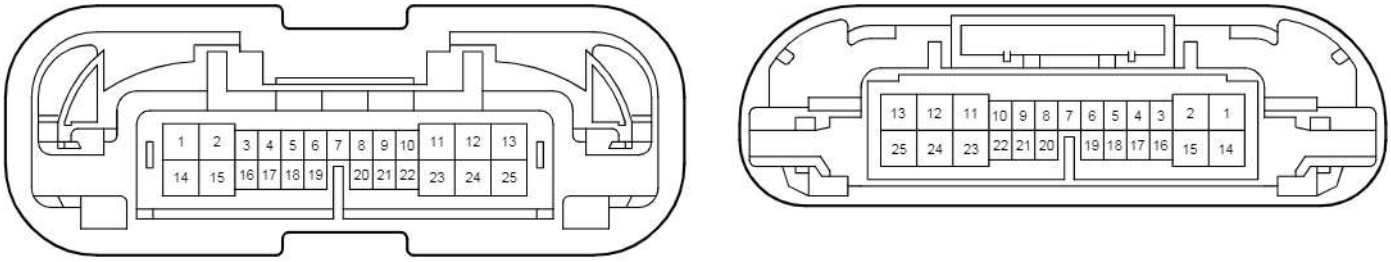
KI2
White



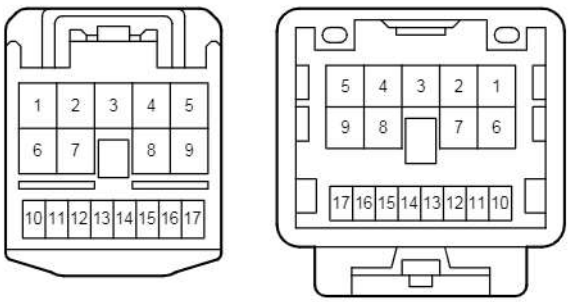
LO1
White



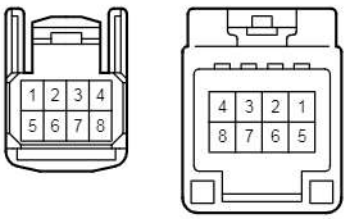
MN1
White



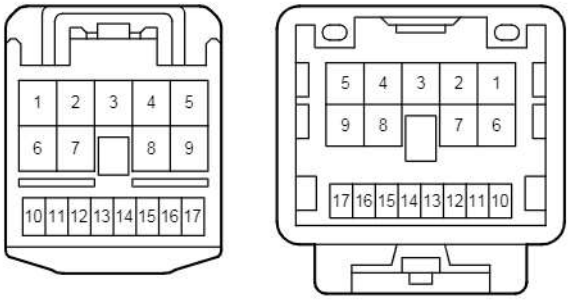
Ne1
White



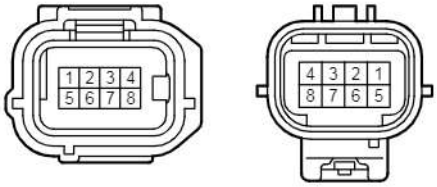
Nr1
White



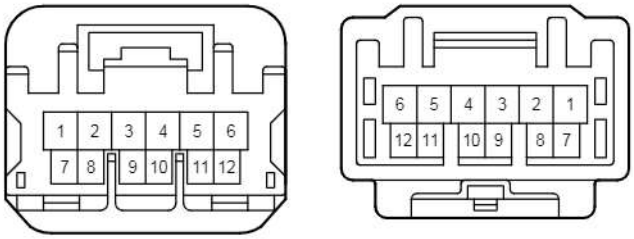
Od1
White



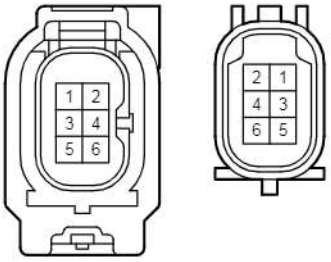
Od2
Gray



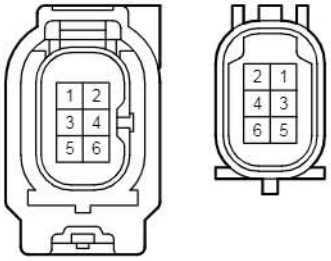
TN1
White

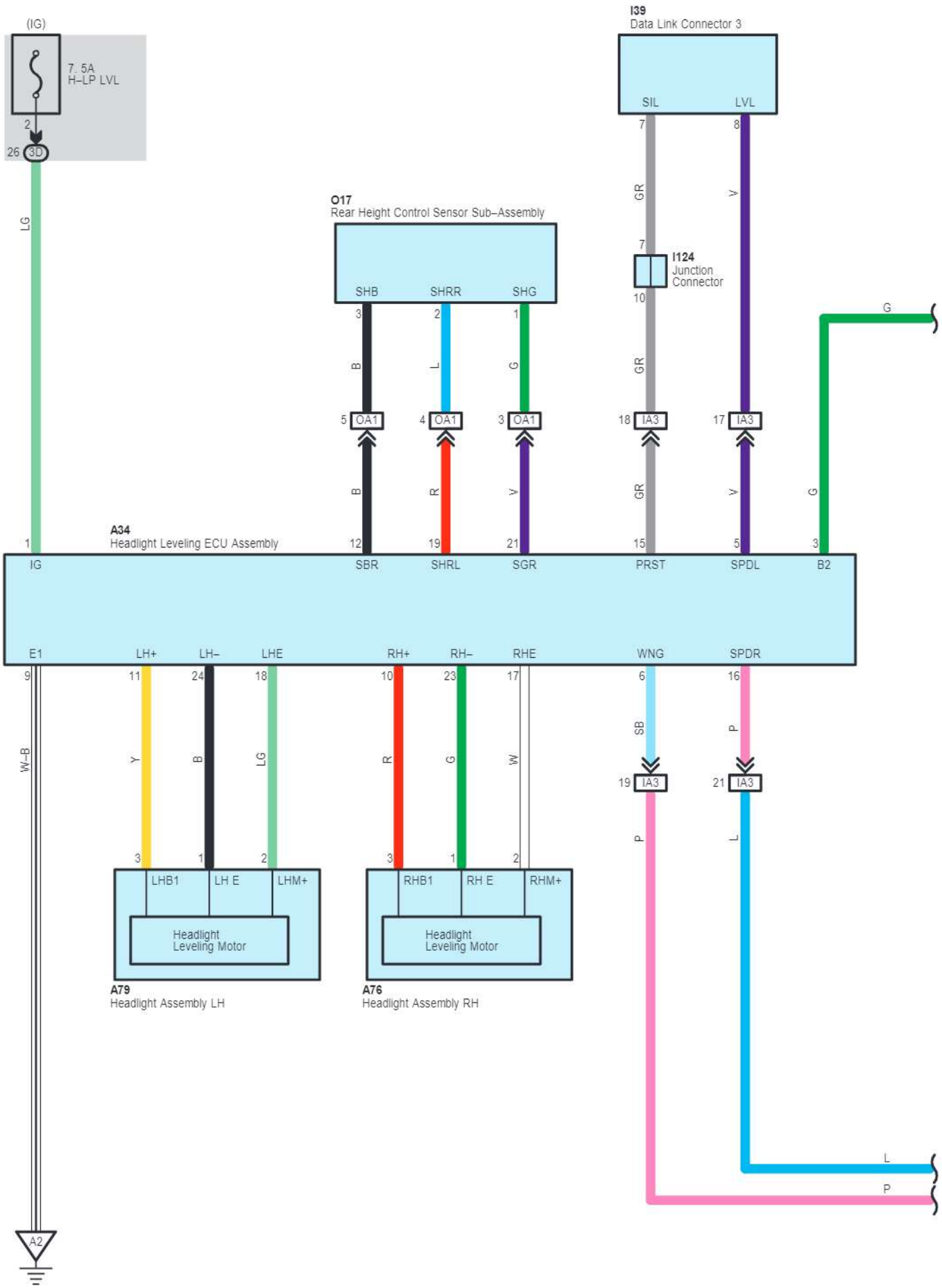


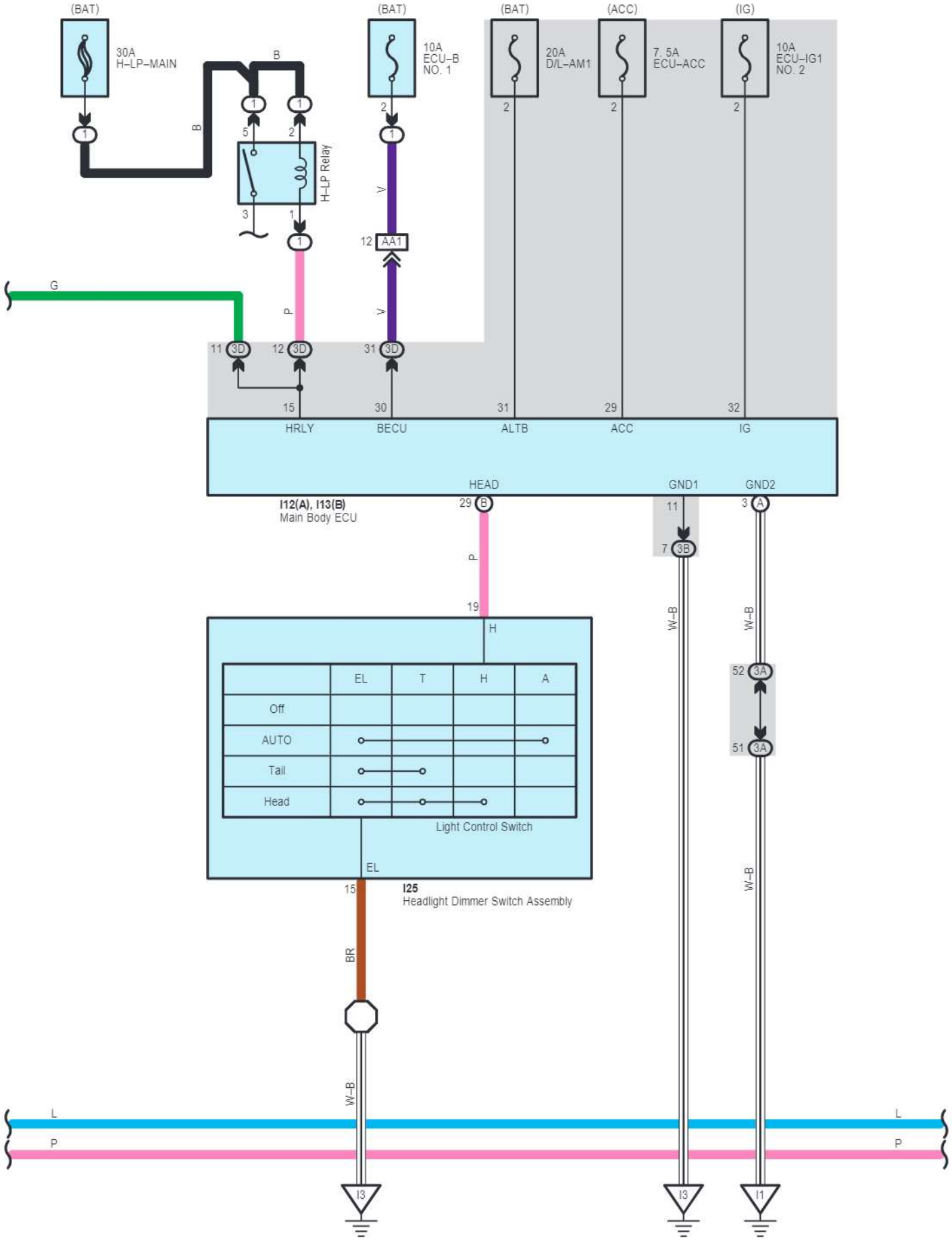
VJ1
White

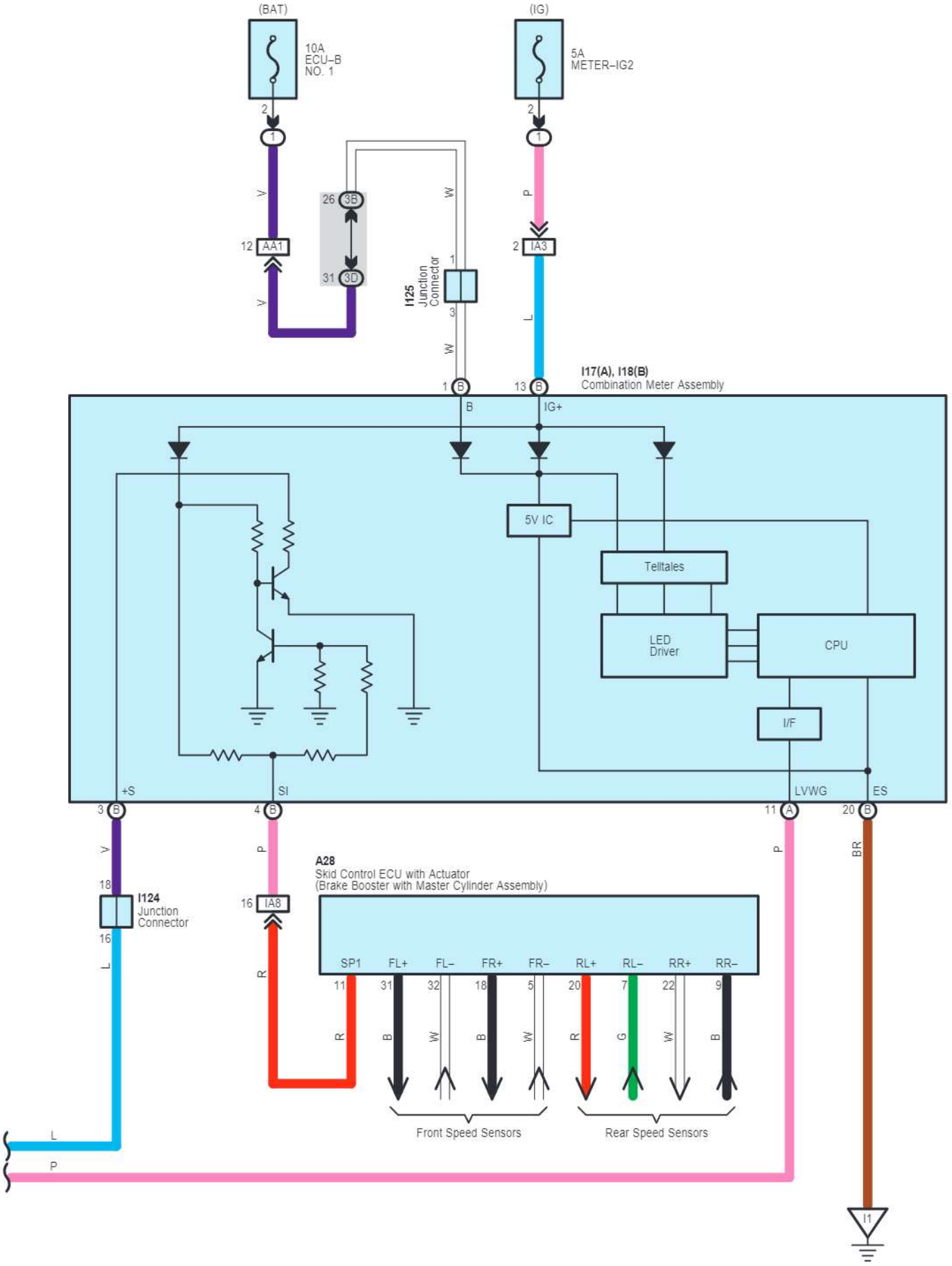


WK1
White

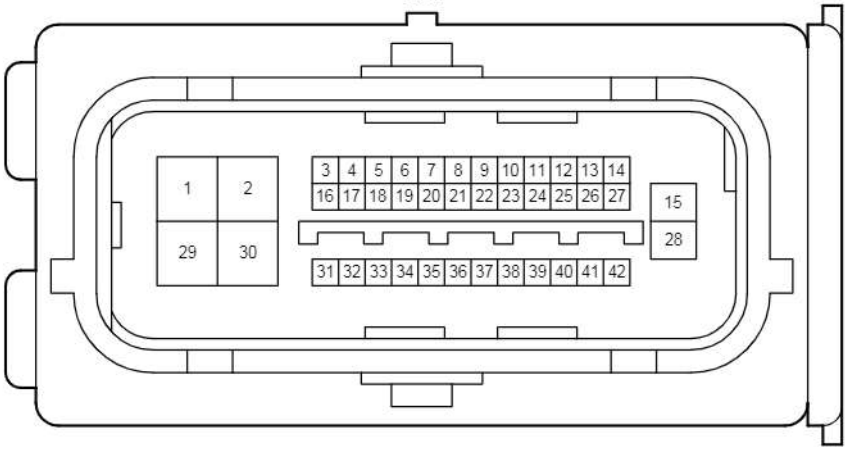



(IG)
7. 5A
H–LP LVL
2
26 3D
LG
I39
Data Link Connector 3
SIL
LVL
7
8
GR
V
7
I124
Junction
Connector
10
GR
O17
Rear Height Control Sensor Sub–Assembly
SHB
SHRR
SHG
3
2
1
B
L
G
5 OA1
4 OA1
3 OA1
18 IA3
17 IA3
B
R
V
GR
V
G
G
A34
Headlight Leveling ECU Assembly
1
12
19
21
15
5
3
IG
SBR
SHRL
SGR
PRST
SPDL
B2
E1
LH+
LH–
LHE
RH+
RH–
RHE
WNG
SPDR
9
11
24
18
10
23
17
6
16
W–B
Y
B
LG
R
G
W
SB
P
19 IA3
21 IA3
P
L
3
1
2
3
1
2
LHB1
LH E
LHM+
RHB1
RH E
RHM+
Headlight
Leveling Motor
Headlight
Leveling Motor
A79
Headlight Assembly LH
A76
Headlight Assembly RH
L
P
A2

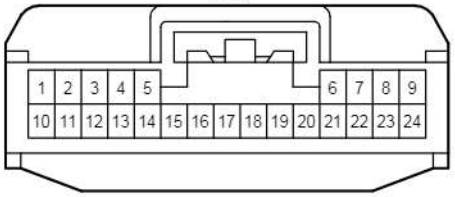

(BAT)
30A
H-LP-MAIN
B
B
1
1
5
2
H-LP Relay
3
1
1
(BAT)
10A
ECU-B
NO. 1
2
1
V
12
AA1
V
(BAT)
20A
D/L-AM1
2
(ACC)
7. 5A
ECU-ACC
2
(IG)
10A
ECU-IG1
NO. 2
2
G
P
11
3D
12
3D
31
3D
15
30
31
29
32
HRLY
BECU
ALTB
ACC
IG
HEAD
GND1
GND2
I12(A), I13(B)
Main Body ECU
29
B
11
3
A
7
3B
P
19
H
W-B
W-B
52
3A
51
3A
EL
T
H
A
Off
AUTO
Tail
Head
Light Control Switch
EL
15
I25
Headlight Dimmer Switch Assembly
BR
W-B
W-B
L
P
L
P
I3
I3
I1


(BAT)
10A
ECU–B
NO. 1
(IG)
5A
METER–IG2
I125
Junction
Connector
I17(A), I18(B)
Combination Meter Assembly
B
IG+
5V IC
Telltales
LED
Driver
CPU
I/F
+S
SI
LVWG
ES
I124
Junction
Connector
A28
Skid Control ECU with Actuator
(Brake Booster with Master Cylinder Assembly)
SP1
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
Front Speed Sensors
Rear Speed Sensors
I1

A 28
Black



A 34
White



A 76
Black



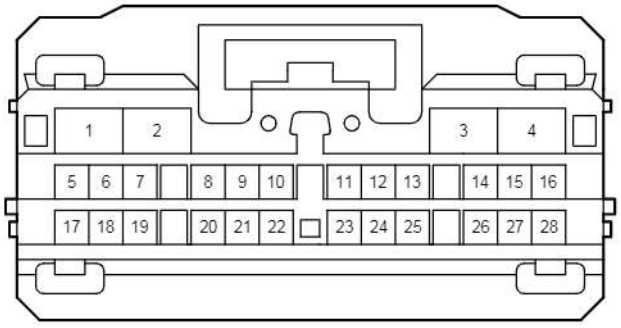
(Headlight Leveling Motor)

A 79
Black

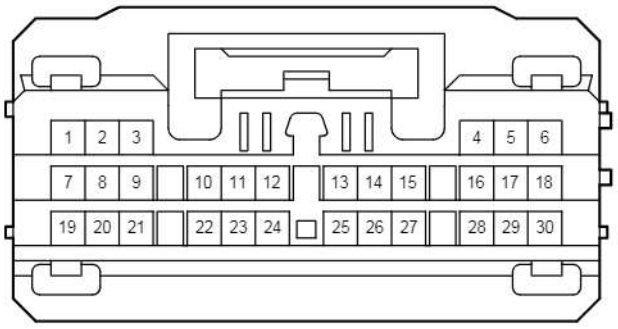


(Headlight Leveling Motor)

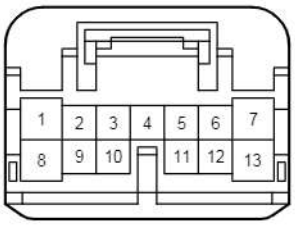
I 12
White



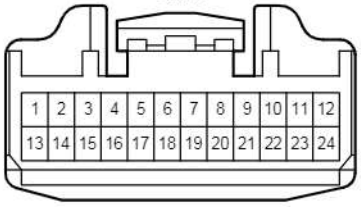
I 13
White



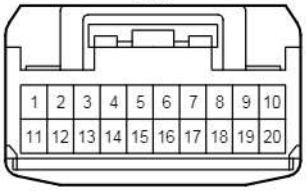
I 17
Black



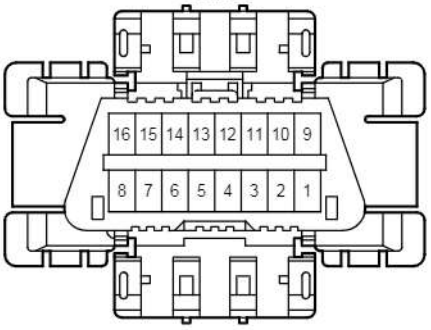
I 18
Black



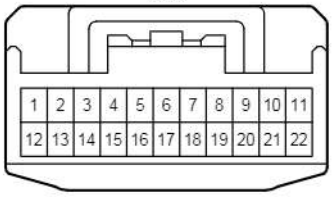
I 25
Black



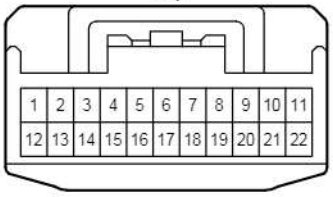
I 39
White



I124
White



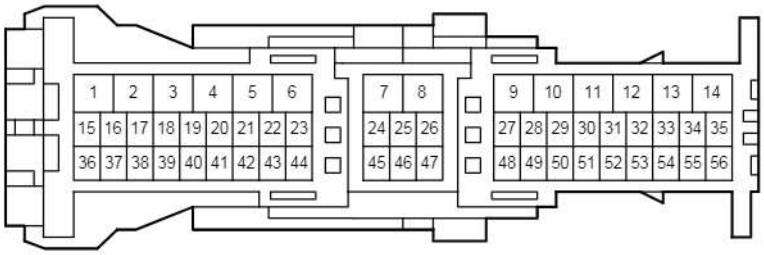
I125
Gray



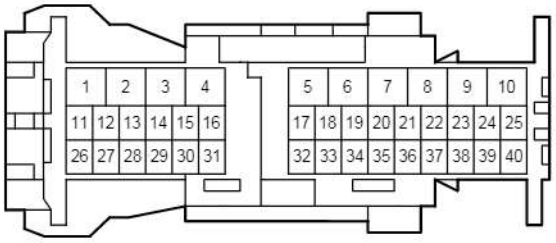
O 17
Black



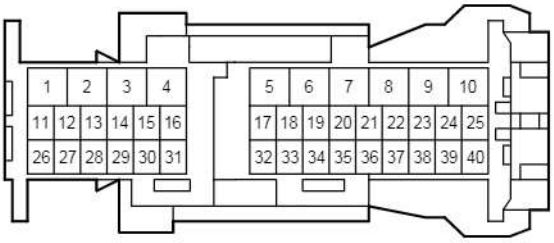
3A
White



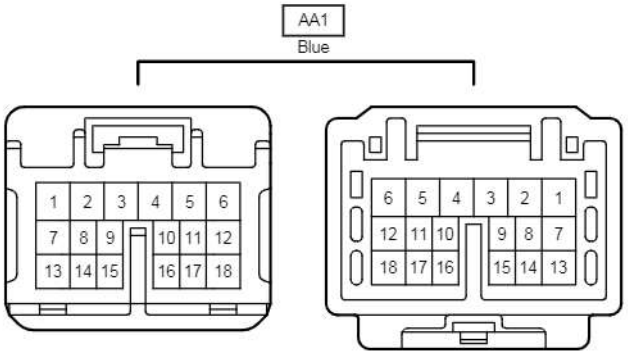
3B
White



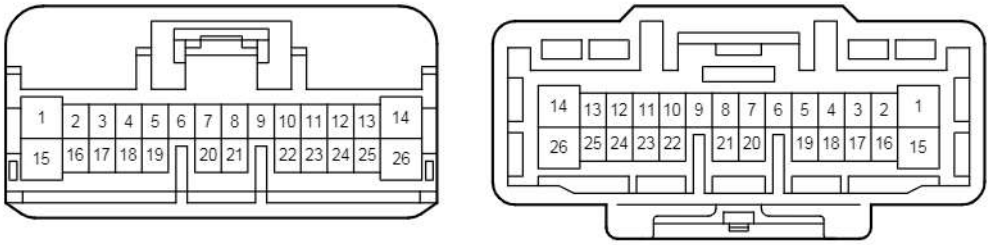
3D
White



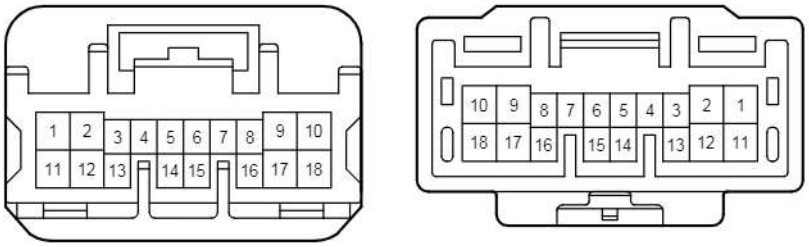
AA1
Blue



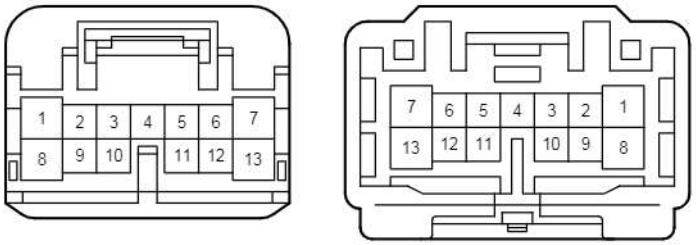
IA3
Blue

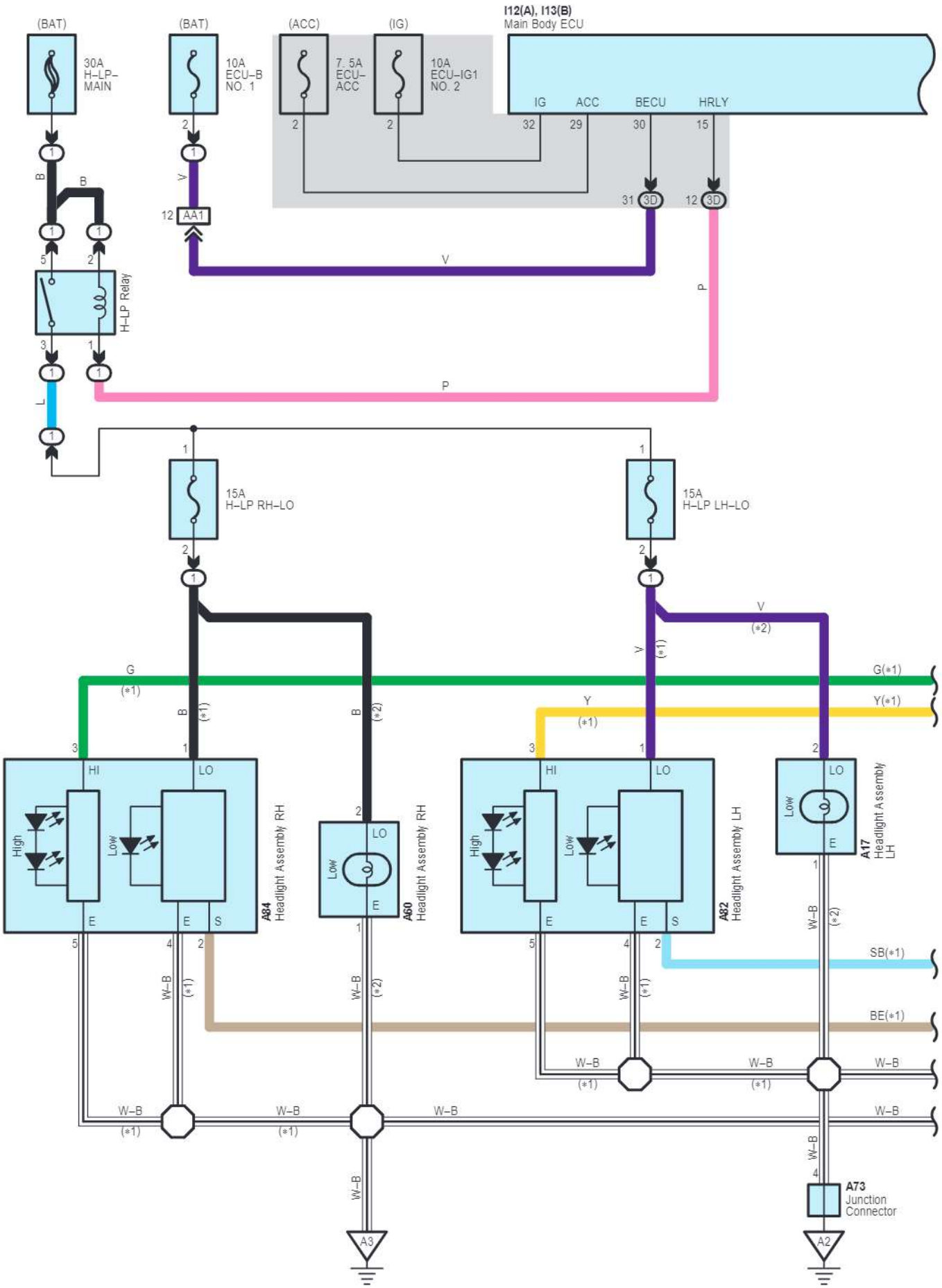


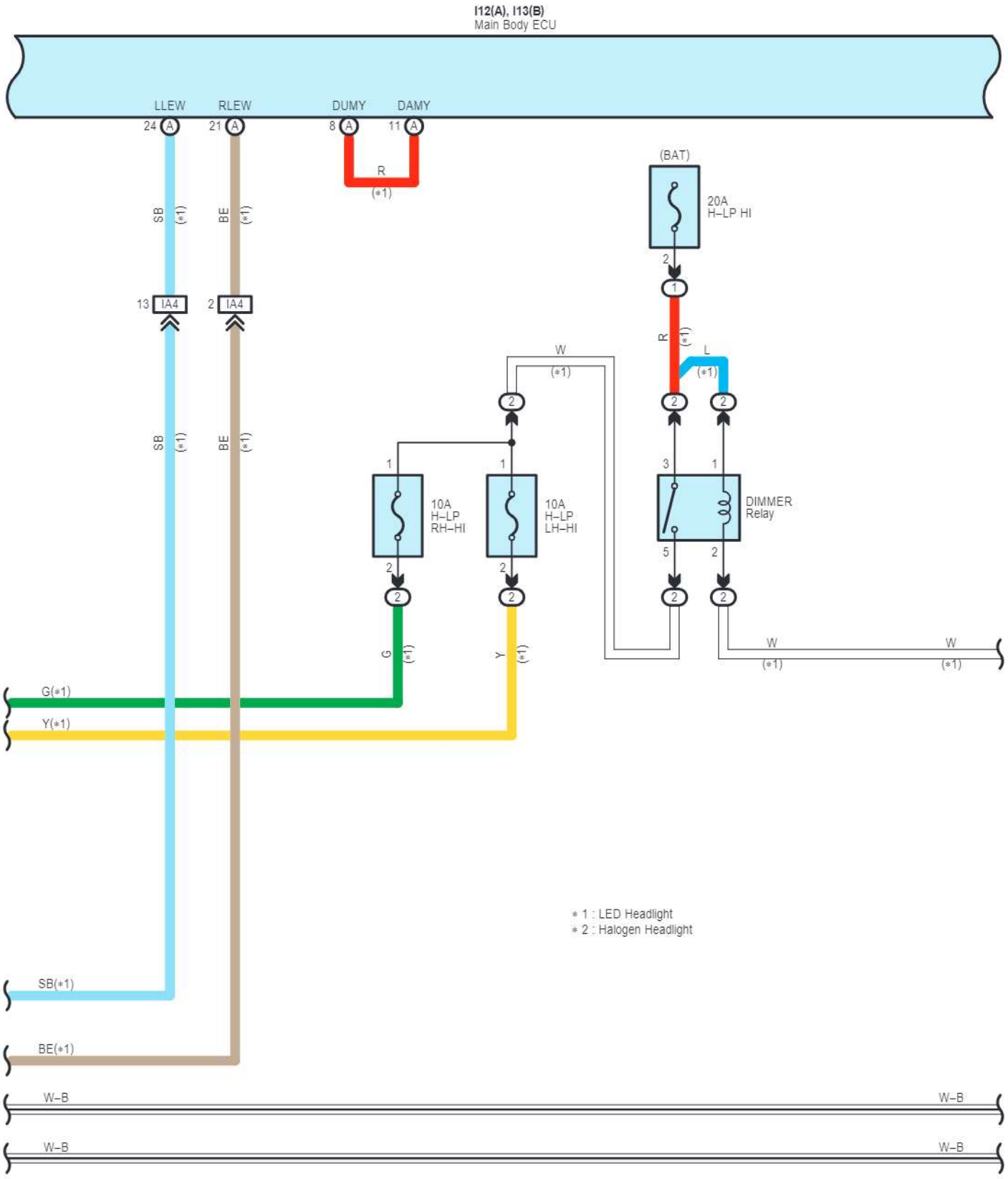
IA8
Gray

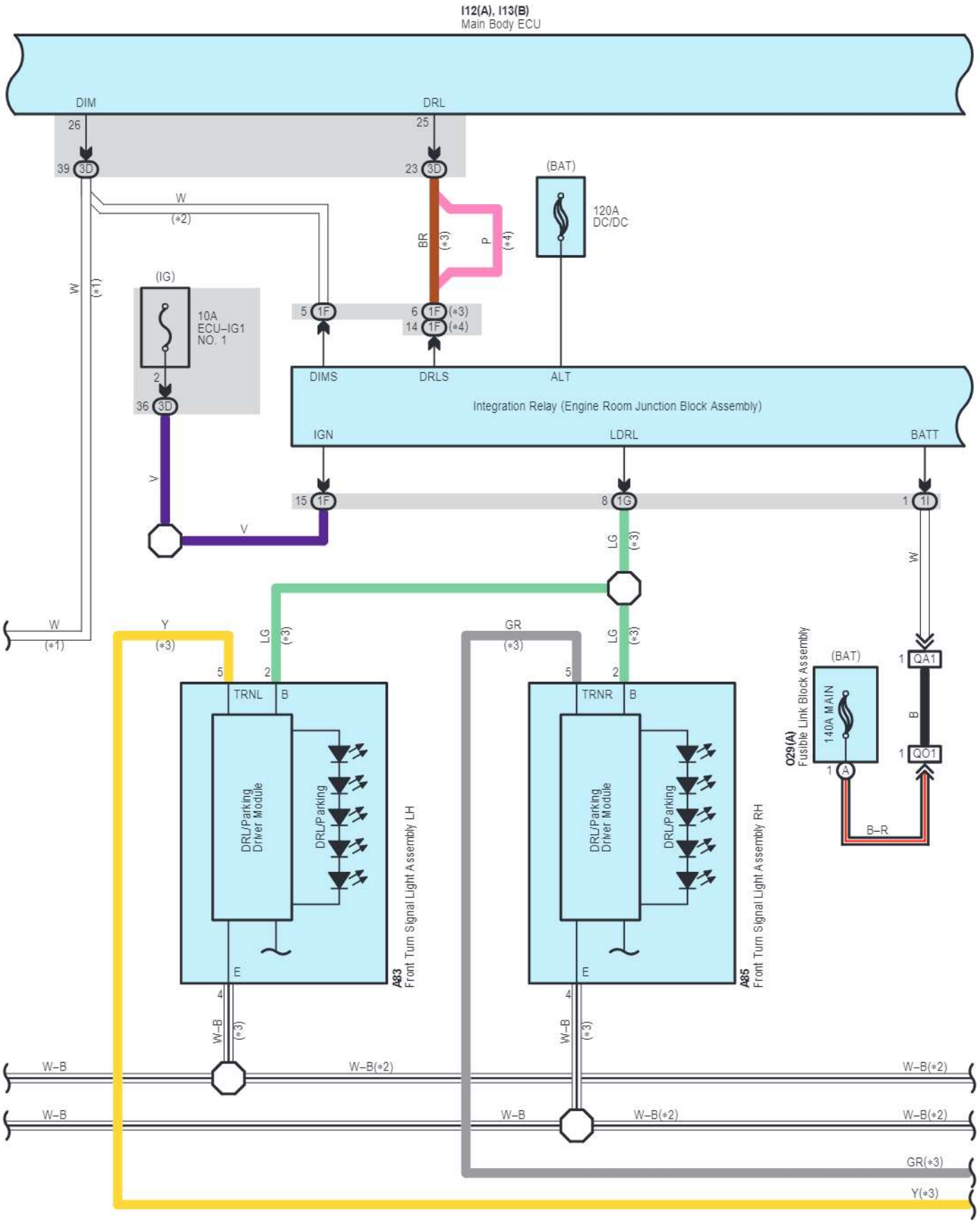


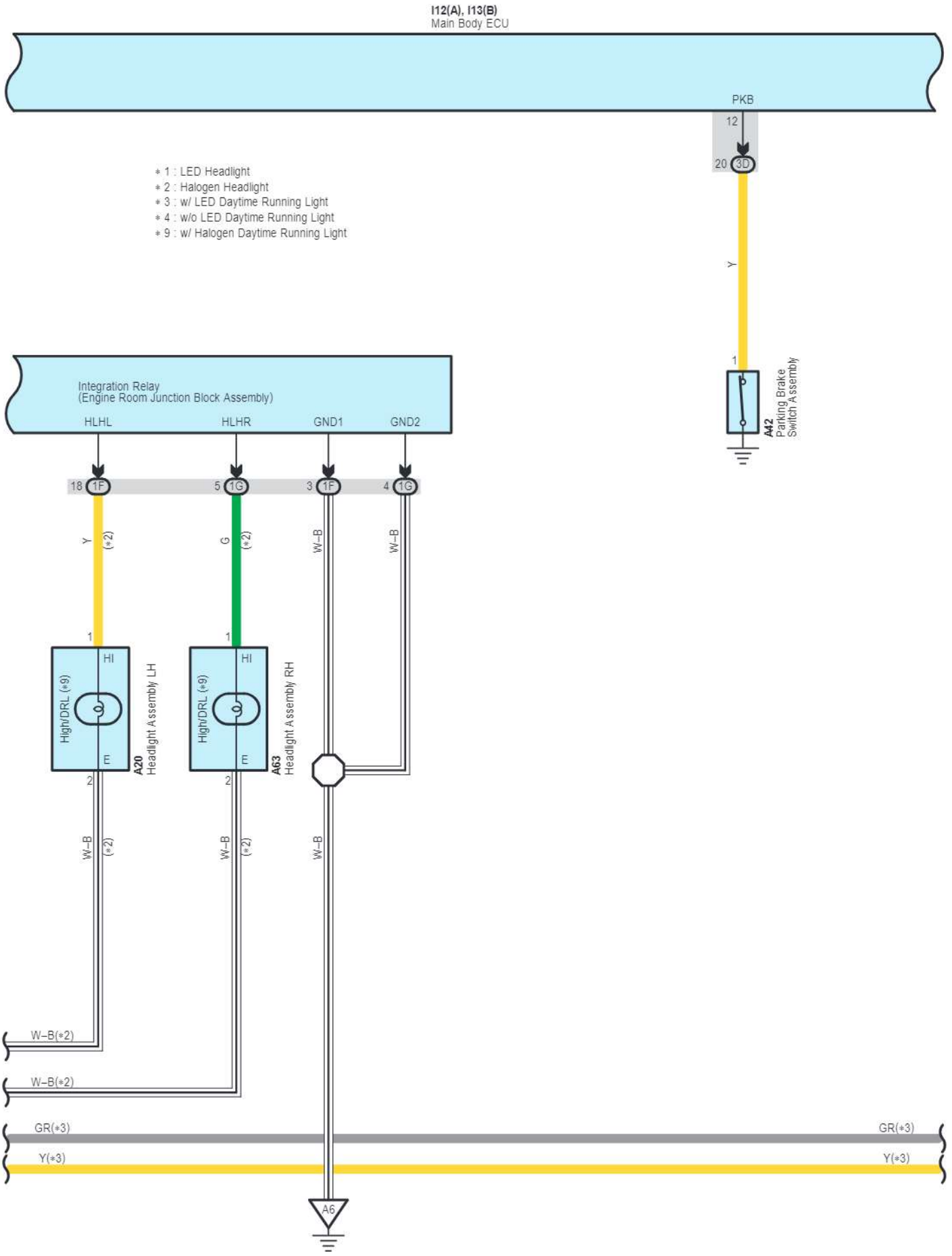
OA1
Gray

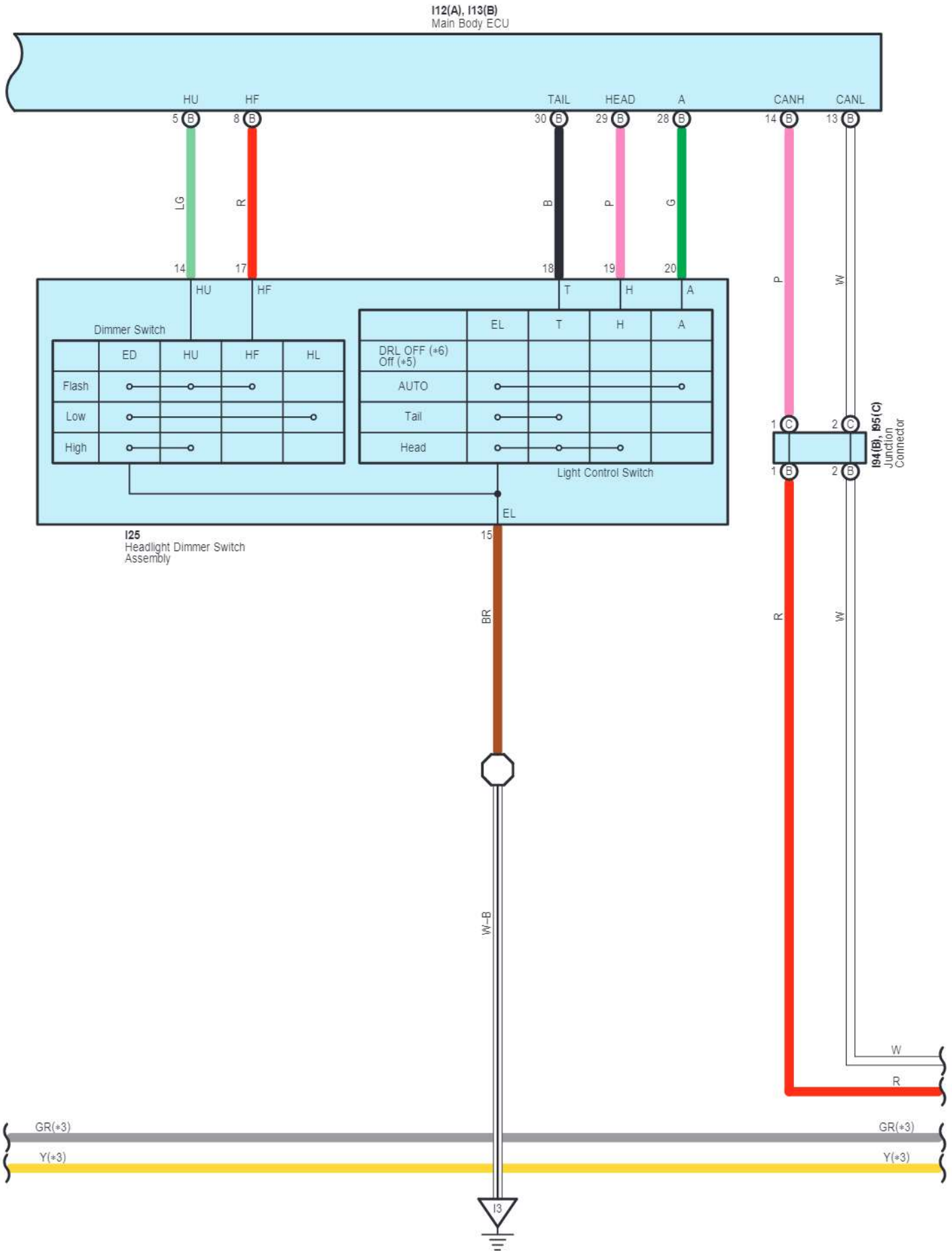


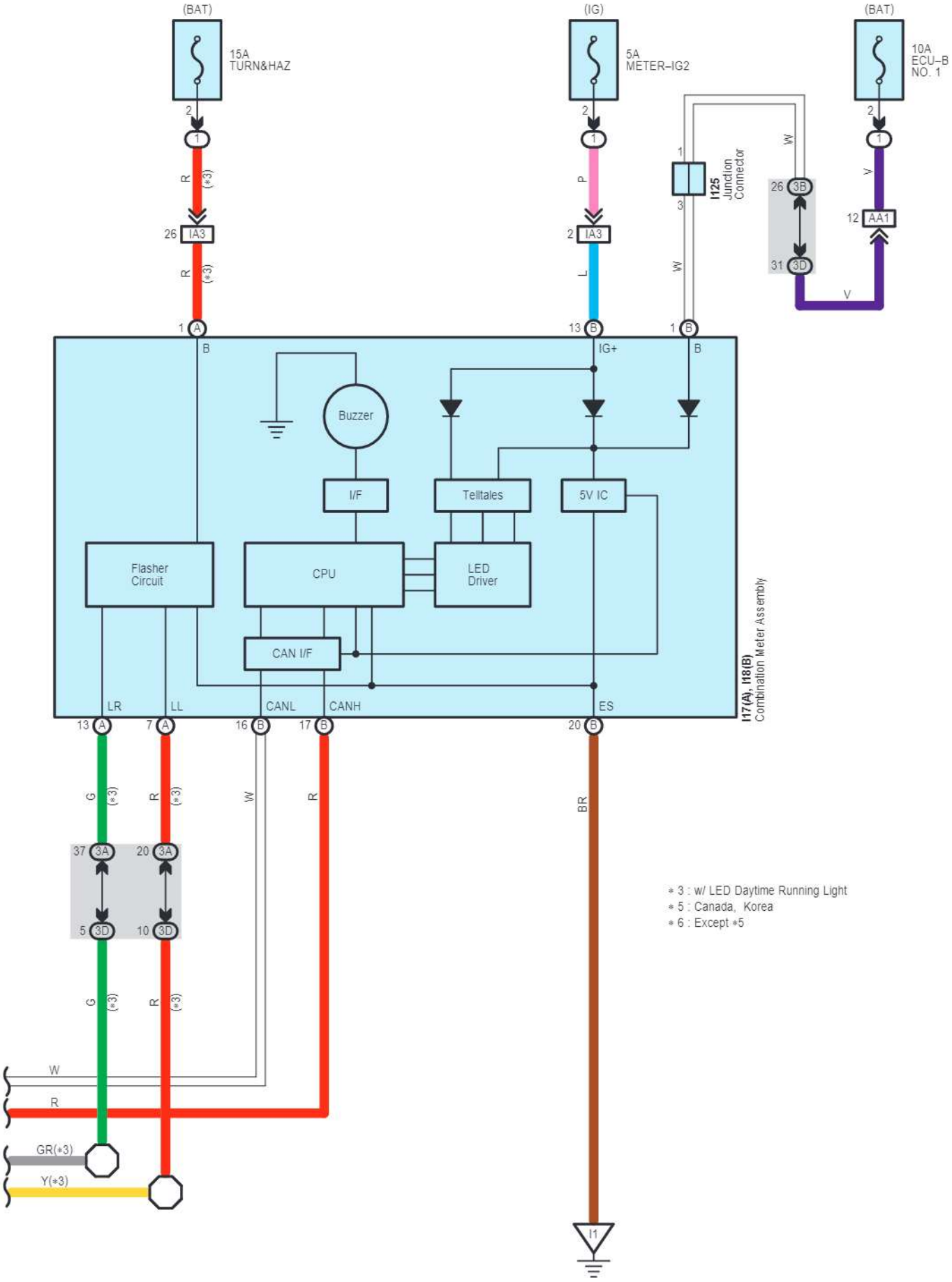

(BAT)
30A
H-LP-
MAIN
(BAT)
10A
ECU-B
NO. 1
(ACC)
7. 5A
ECU-
ACC
(IG)
10A
ECU-IG1
NO. 2
I12(A), I13(B)
Main Body ECU
IG
ACC
BECU
HRLY
32
29
30
15
31 3D
12 3D
12 AA1
H-LP Relay
15A
H-LP RH-LO
15A
H-LP LH-LO
G
(*1)
Y
(*1)
V
(*2)
V
(*1)
G(*1)
Y(*1)
HI
LO
High
Low
E
S
A84
Headlight Assembly RH
A60
Headlight Assembly RH
A82
Headlight Assembly LH
A17
Headlight Assembly LH
W-B
(*1)
W-B
(*2)
SB(*1)
BE(*1)
A73
Junction
Connector
A3
A2


I12(A), I13(B)
Main Body ECU
LLEW
RLEW
DUMY
DAMY
24
21
8
11
R
(*1)
SB
BE
13
2
IA4
(BAT)
20A
H-LP HI
W
L
10A
H-LP
RH-HI
10A
H-LP
LH-HI
DIMMER
Relay
G
Y
G(*1)
Y(*1)
SB(*1)
BE(*1)
W-B
* 1 : LED Headlight
* 2 : Halogen Headlight

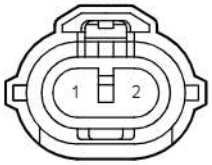

I12(A), I13(B)
Main Body ECU
DIM
DRL
26
25
39 3D
23 3D
(BAT)
120A
DC/DC
W
(*2)
BR
(*3)
P
(*4)
W
(*1)
(IG)
10A
ECU–IG1
NO. 1
5 1F
6 1F (*3)
14 1F (*4)
2
36 3D
DIMS
DRLS
ALT
Integration Relay (Engine Room Junction Block Assembly)
IGN
LDRL
BATT
15 1F
8 1G
1 1I
V
LG
(*3)
W
GR
Y
(*3)
5
2
TRNL
B
TRNR
DRL/Parking Driver Module
DRL/Parking
E
4
W–B
A83
Front Turn Signal Light Assembly LH
A85
Front Turn Signal Light Assembly RH
O29(A)
Fusible Link Block Assembly
140A MAIN
1 A
1 QA1
1 QO1
B
B–R
W–B(*2)
GR(*3)
Y(*3)


I12(A), I13(B)
Main Body ECU
PKB
12
20 3D
* 1 : LED Headlight
* 2 : Halogen Headlight
* 3 : w/ LED Daytime Running Light
* 4 : w/o LED Daytime Running Light
* 9 : w/ Halogen Daytime Running Light
Y
1
A42
Parking Brake Switch Assembly
Integration Relay
(Engine Room Junction Block Assembly)
HLHL
HLHR
GND1
GND2
18 1F
5 1G
3 1F
4 1G
Y (*2)
G (*2)
W-B
W-B
1
HI
High/DRL (*9)
E
2
A20
Headlight Assembly LH
A63
Headlight Assembly RH
W-B (*2)
W-B (*2)
W-B
W-B(*2)
W-B(*2)
GR(*3)
Y(*3)
GR(*3)
Y(*3)
A6


I12(A), I13(B)
Main Body ECU
HU
HF
TAIL
HEAD
A
CANH
CANL
5
8
30
29
28
14
13
LG
R
B
P
G
P
W
14
17
18
19
20
HU
HF
T
H
A
Dimmer Switch
ED
HU
HF
HL
Flash
Low
High
EL
T
H
A
DRL OFF (*6)
Off (*5)
AUTO
Tail
Head
Light Control Switch
EL
I25
Headlight Dimmer Switch
Assembly
15
BR
W-B
1
2
I94(B), I95(C)
Junction
Connector
R
W
W
R
GR(*3)
Y(*3)
GR(*3)
Y(*3)
I3

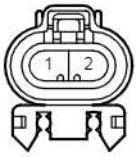

(BAT)
15A
TURN&HAZ
(IG)
5A
METER–IG2
(BAT)
10A
ECU–B
NO. 1
I125
Junction
Connector
I17(A), I18(B)
Combination Meter Assembly
Buzzer
I/F
Telltales
5V IC
Flasher
Circuit
CPU
LED
Driver
CAN I/F
IG+
LR
LL
CANL
CANH
ES
* 3 : w/ LED Daytime Running Light
* 5 : Canada, Korea
* 6 : Except *5

A 17
Black



(Low Halogen Type)

A 20
Black

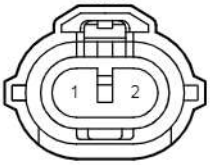


(High Halogen Type and Halogen Daytime Running Light)

A 42
Black

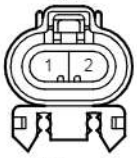


A 60
Black



(Low Halogen Type)

A 63
Black



(High Halogen Type and Halogen Daytime Running Light)

A 73
Gray



A 82
Black



(Low LED Type, High LED Type and LED Daytime Running Light)

A 83
Black



A 84
Black

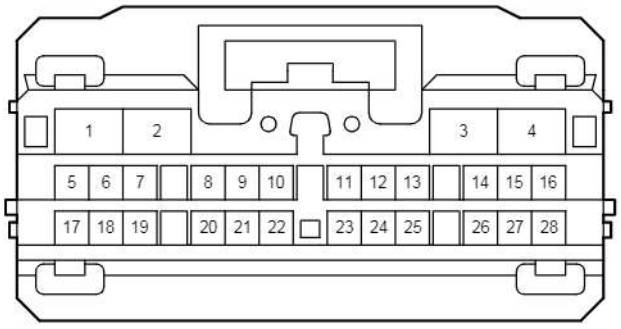


A 85
Black

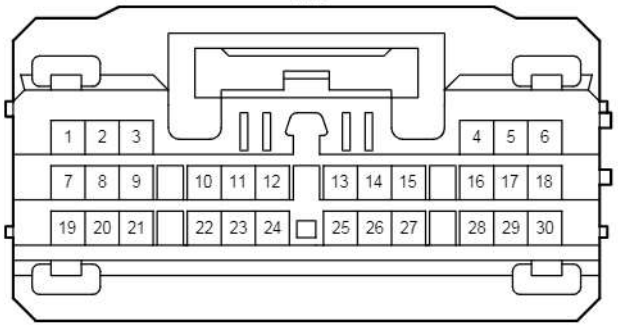


(Low LED Type, High LED Type and LED Daytime Running Light)

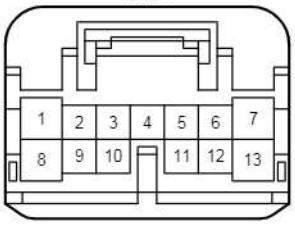
I 12
White



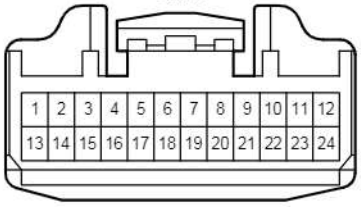
I 13
White



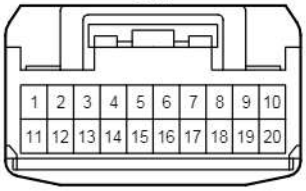
I 17
Black



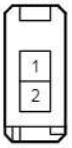
I 18
Black



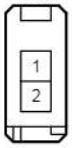
I 25
Black



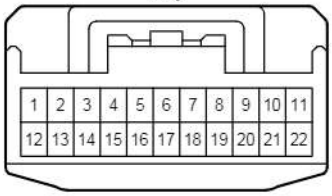
I 94
White



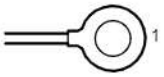
I 95
White



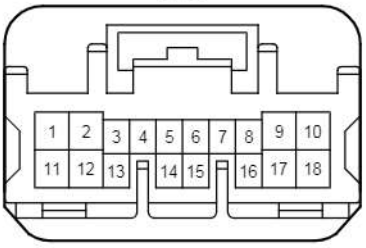
I125
Gray



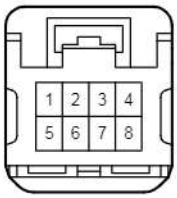
O 29



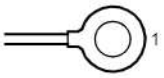
1F
White



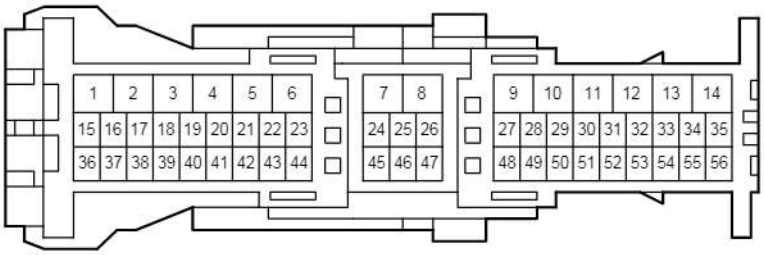
1G
White



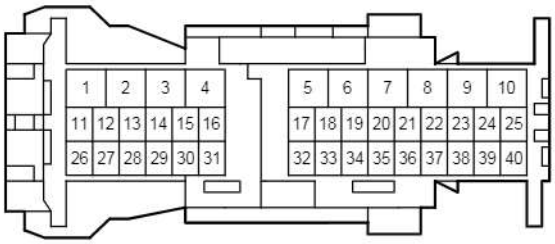
1I
White



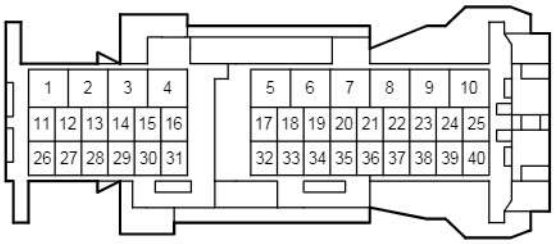
3A
White



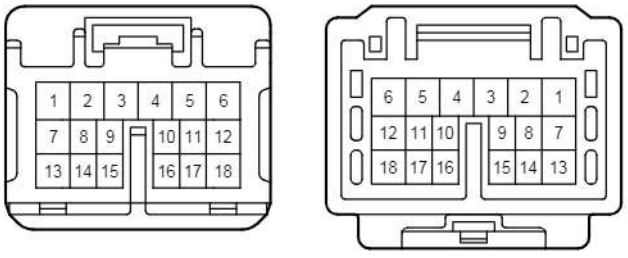
3B
White

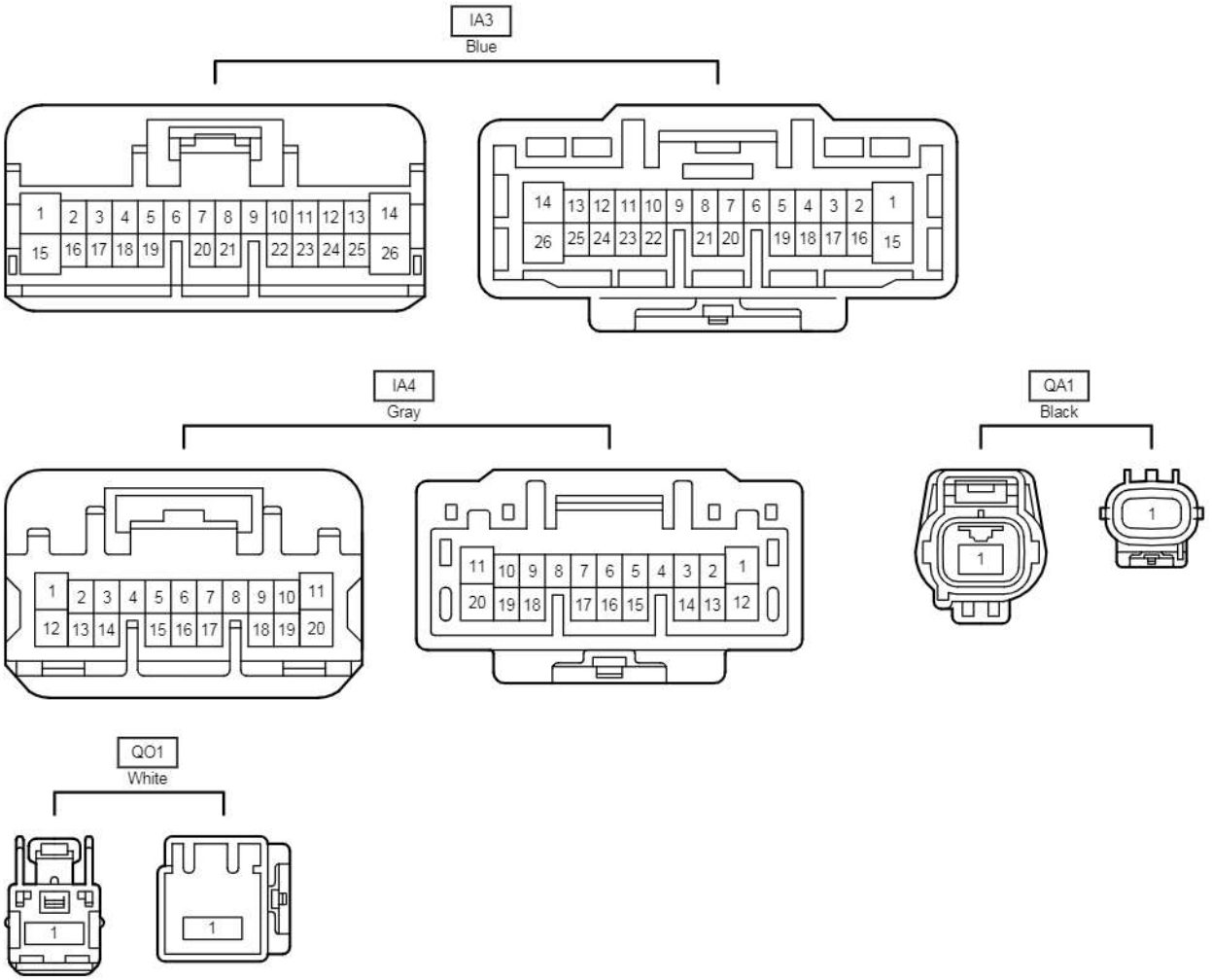


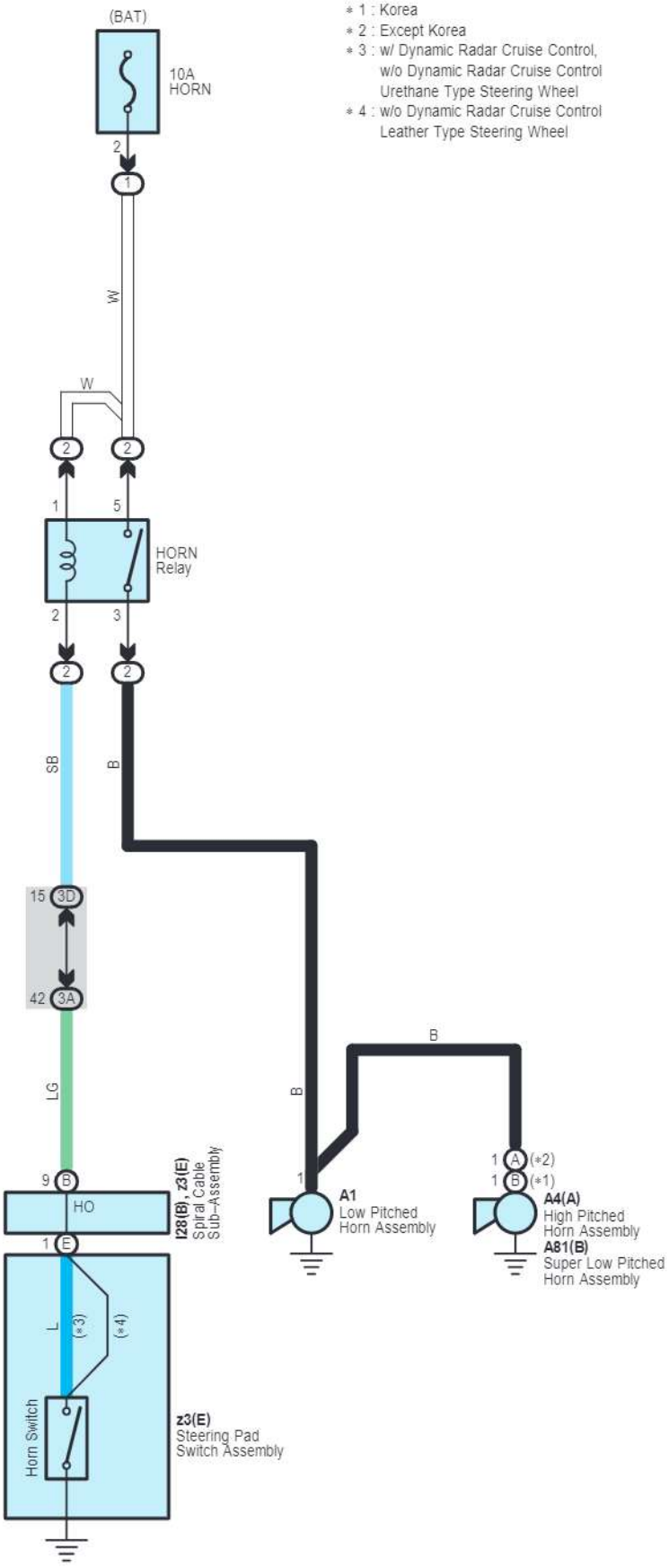
3D
White



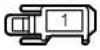
AA1
Blue



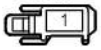

IA3
Blue
1 2 3 4 5 6 7 8 9 10 11 12 13 14
15 16 17 18 19 20 21 22 23 24 25 26
14 13 12 11 10 9 8 7 6 5 4 3 2 1
26 25 24 23 22 21 20 19 18 17 16 15
IA4
Gray
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12
QA1
Black
1
1
QO1
White
1
1


(BAT)
10A
HORN
2
1
W
W
2
2
1
5
HORN
Relay
2
3
2
2
SB
B
15
3D
42
3A
LG
9
B
HO
1
E
I28(B), z3(E)
Spiral Cable
Sub-Assembly
L
(*3)
(*4)
Horn Switch
z3(E)
Steering Pad
Switch Assembly
B
B
1
A1
Low Pitched
Horn Assembly
1
A
(*2)
1
B
(*1)
A4(A)
High Pitched
Horn Assembly
A81(B)
Super Low Pitched
Horn Assembly
* 1 : Korea
* 2 : Except Korea
* 3 : w/ Dynamic Radar Cruise Control,
w/o Dynamic Radar Cruise Control
Urethane Type Steering Wheel
* 4 : w/o Dynamic Radar Cruise Control
Leather Type Steering Wheel

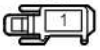
A 1
Black



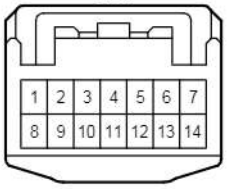
A 4
Black



A 81
Black



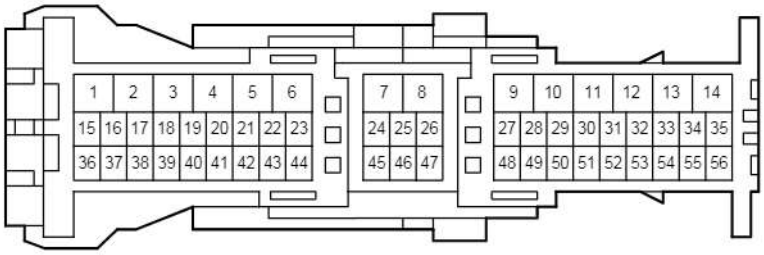
I 28
Black



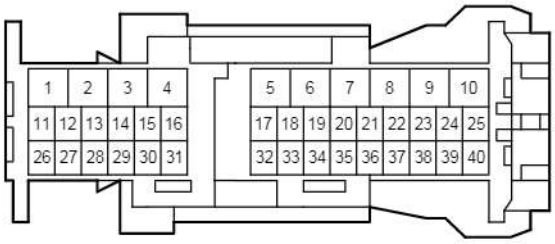
z 3
Black

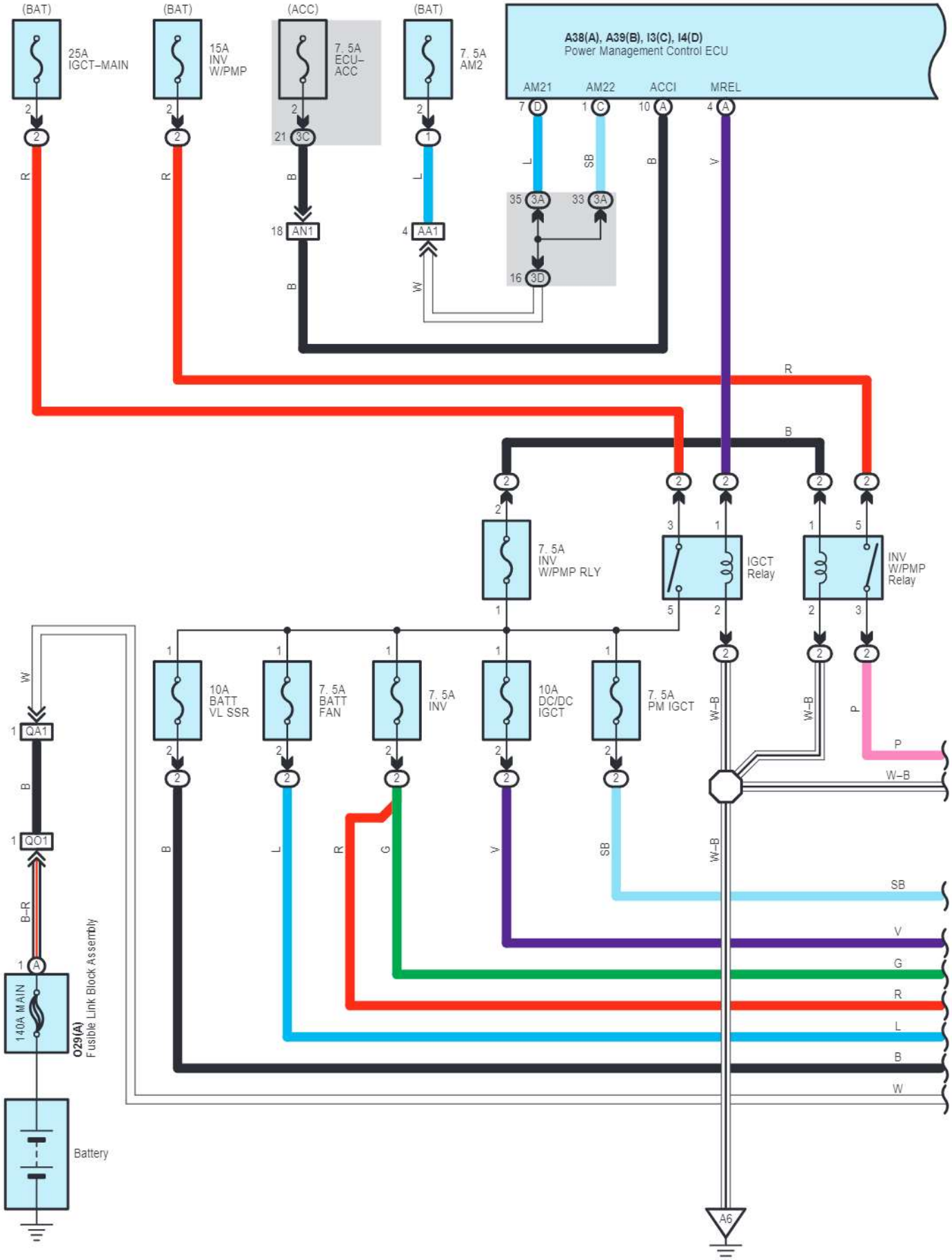


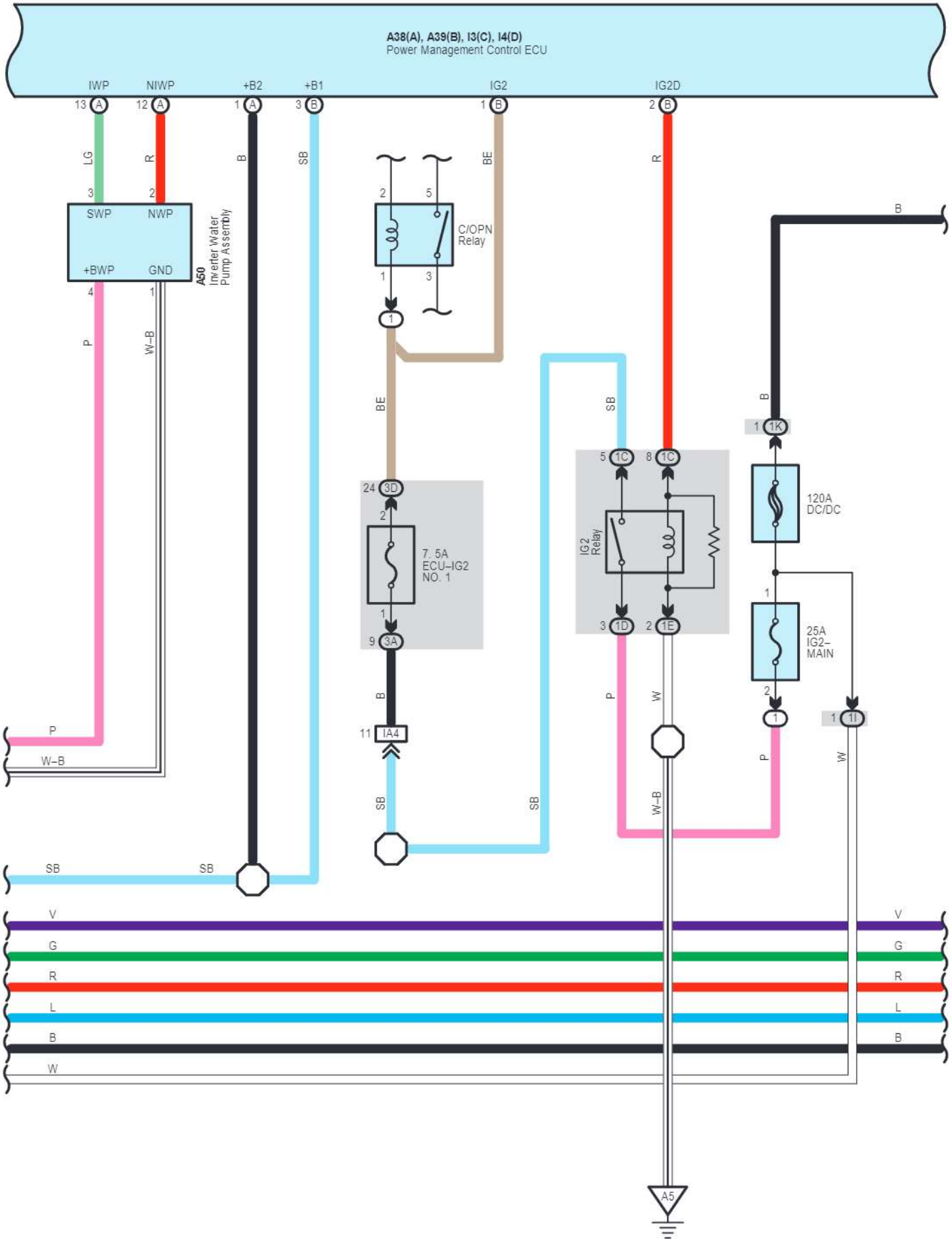
3A
White

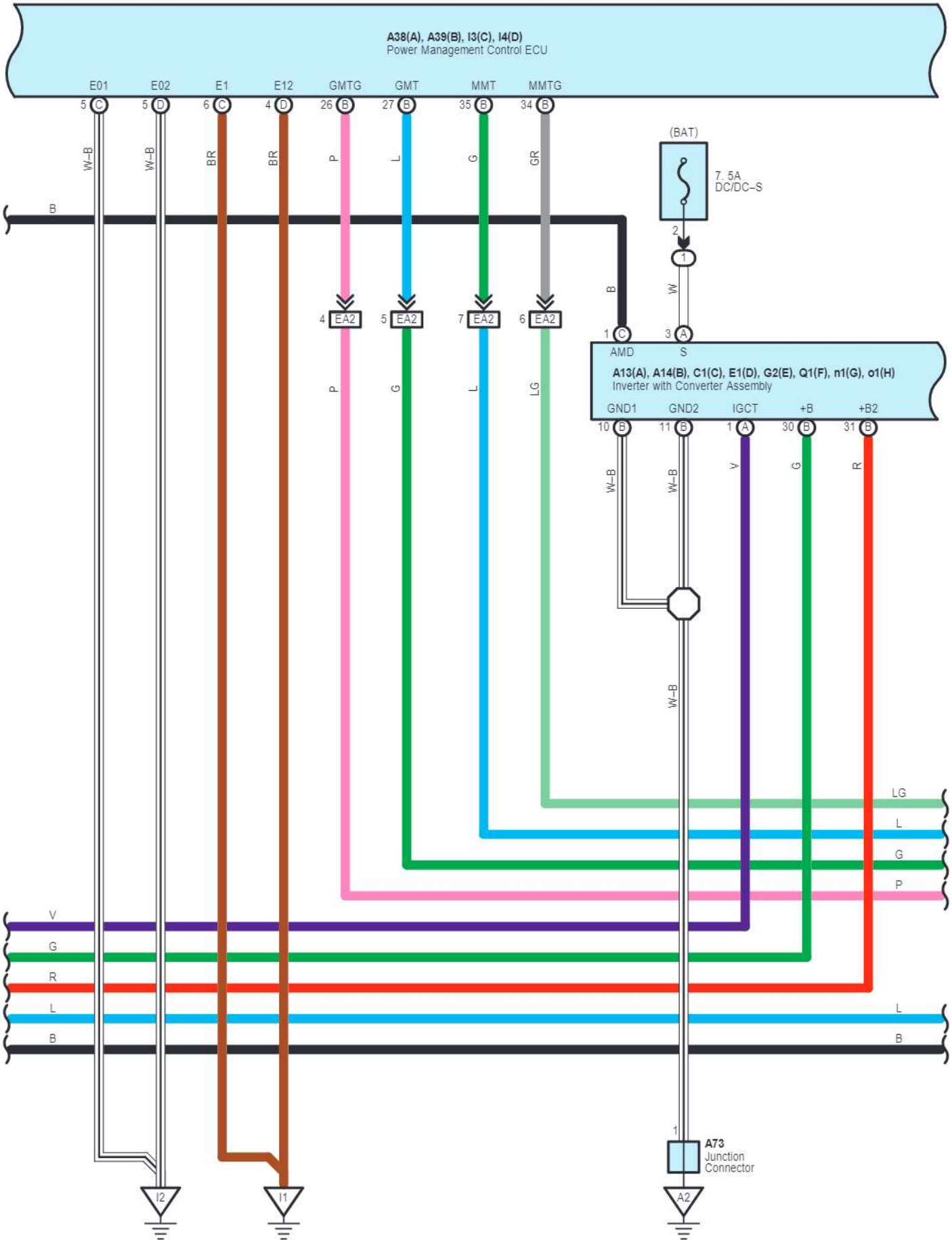


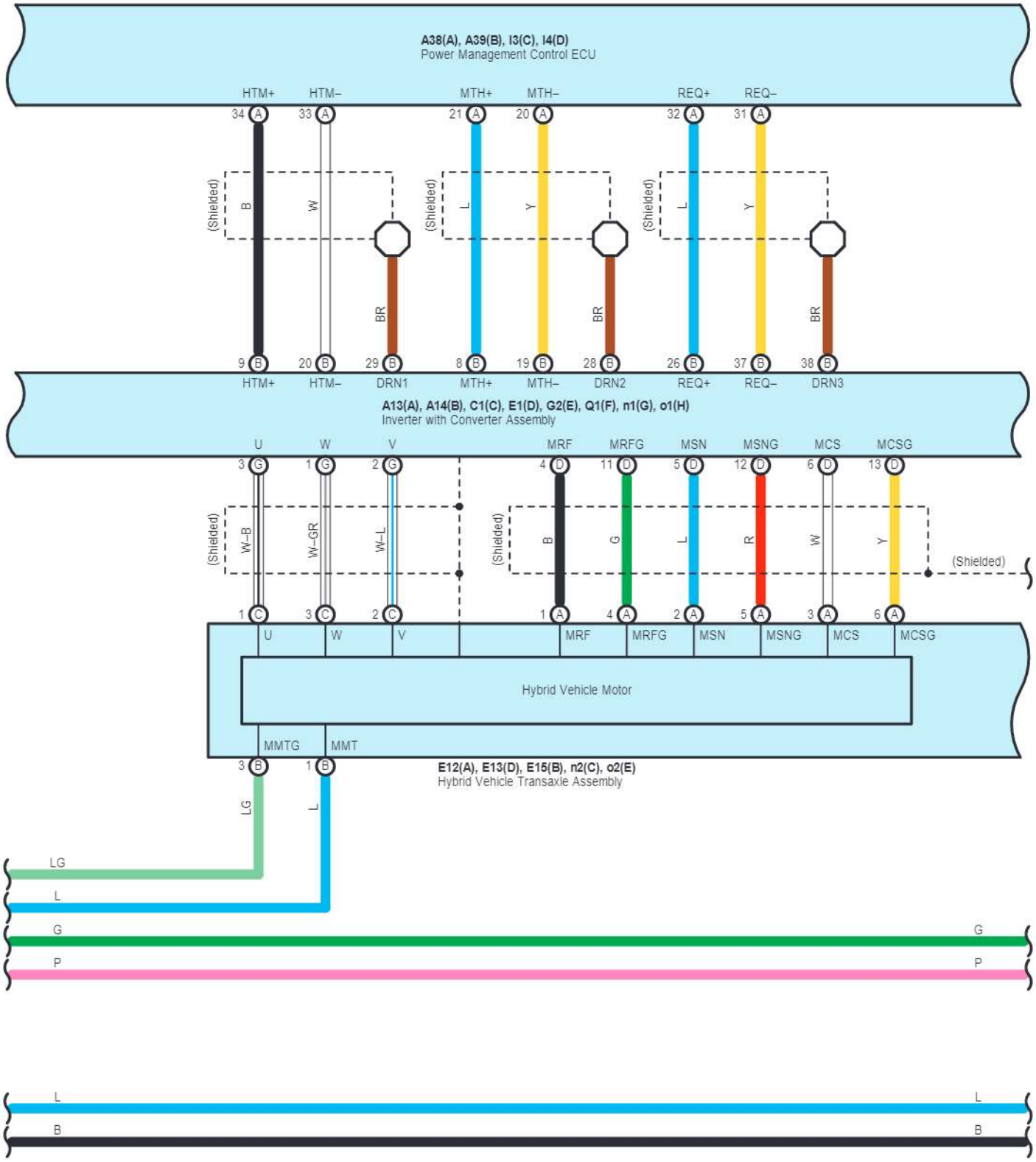
3D
White

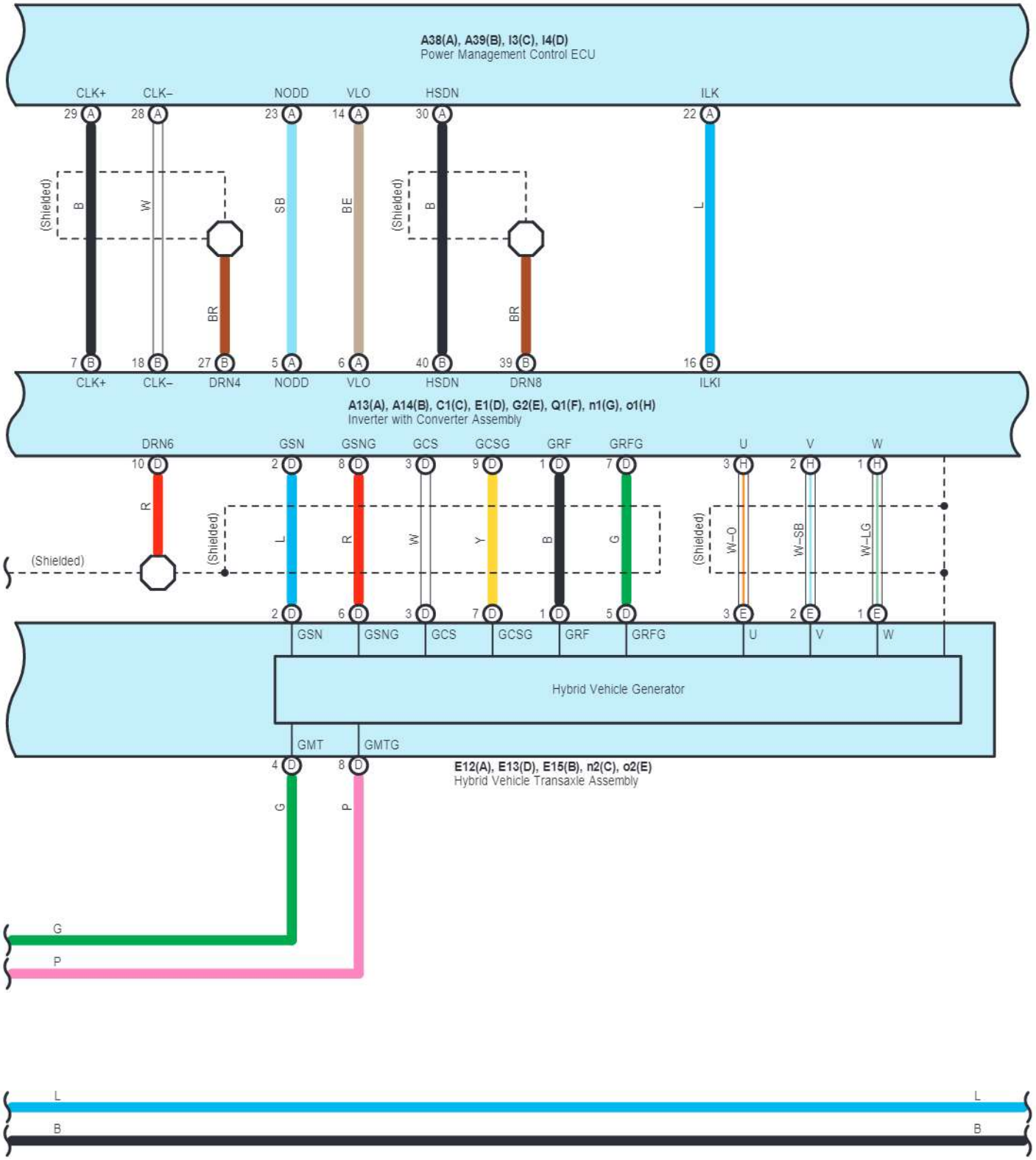


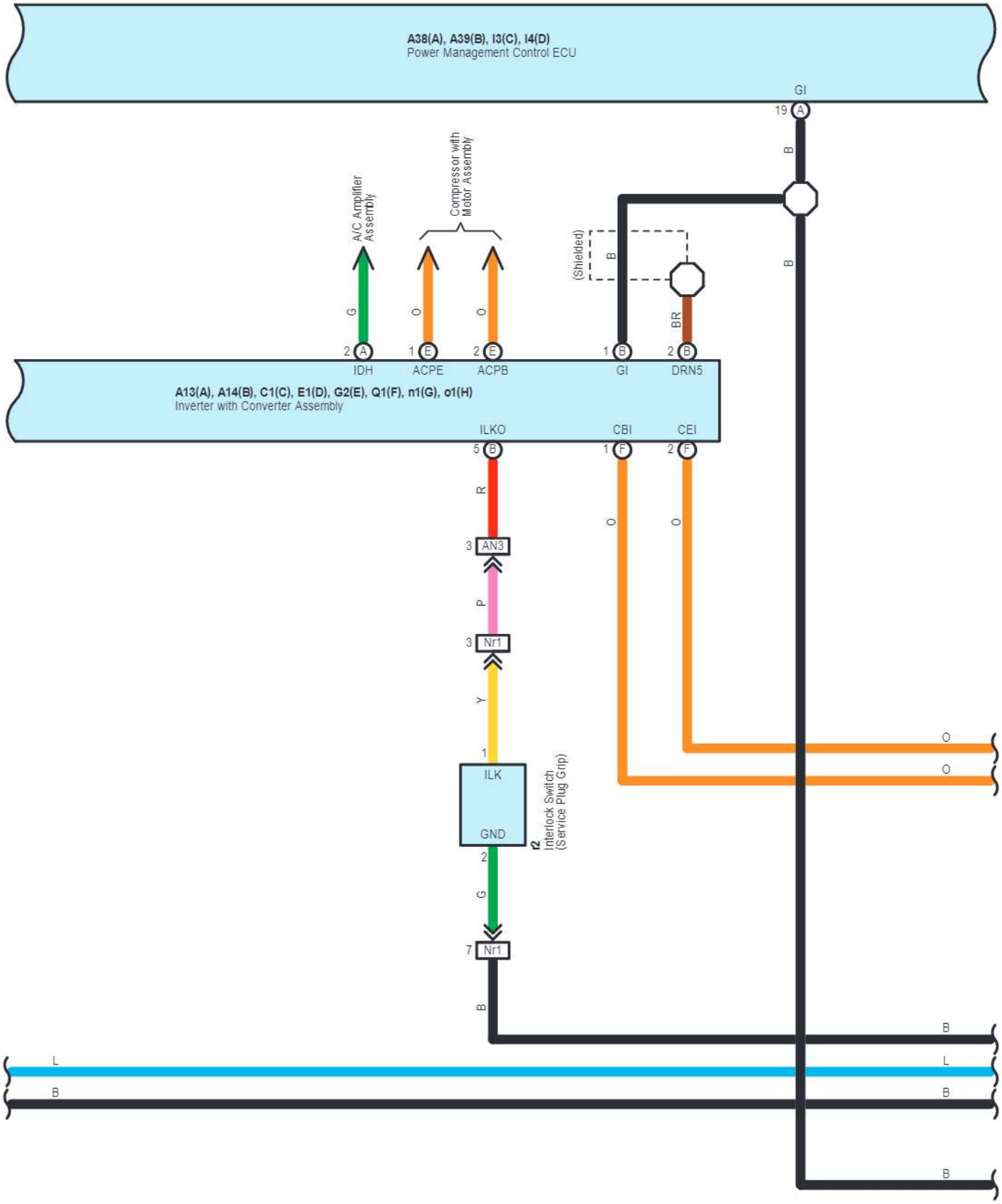

(BAT)
25A
IGCT–MAIN
(BAT)
15A
INV
W/PMP
(ACC)
7. 5A
ECU–
ACC
(BAT)
7. 5A
AM2
A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
AM21
AM22
ACCI
MREL
7. 5A
INV
W/PMP RLY
IGCT
Relay
INV
W/PMP
Relay
10A
BATT
VL SSR
7. 5A
BATT
FAN
7. 5A
INV
10A
DC/DC
IGCT
7. 5A
PM IGCT
QA1
QO1
140A MAIN
029(A)
Fusible Link Block Assembly
Battery
A6

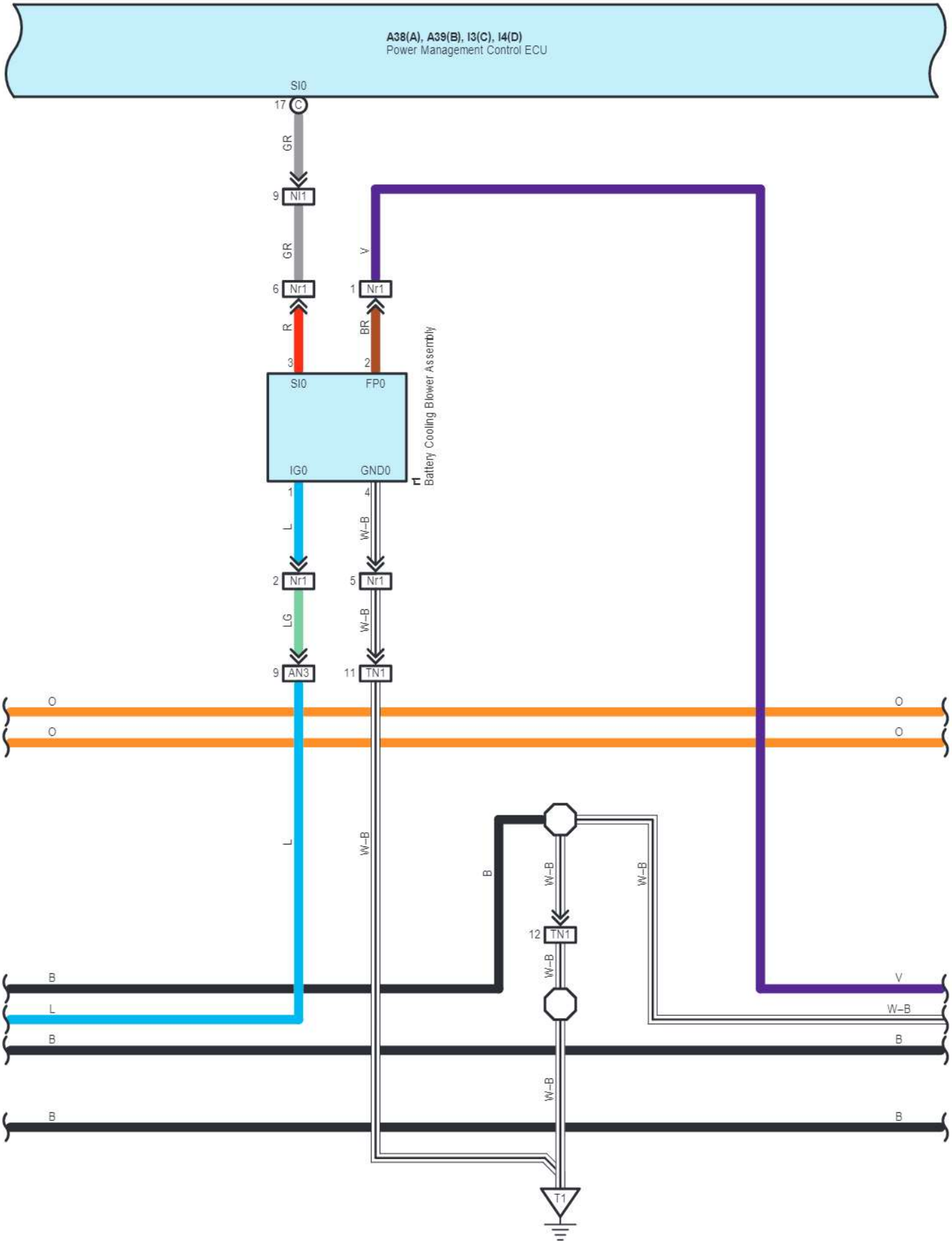

A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
IWP
NIWP
+B2
+B1
IG2
IG2D
13 A
12 A
1 A
3 B
1 B
2 B
LG
R
B
SB
BE
R
3
2
SWP
NWP
+BWP
GND
A50
Inverter Water Pump Assembly
4
1
P
W–B
2
5
C/OPN Relay
1
3
1
BE
24 3D
2
7. 5A ECU–IG2 NO. 1
1
9 3A
B
11 IA4
SB
SB
SB
5 1C
8 1C
IG2 Relay
3 1D
2 1E
P
W
W–B
B
1 1K
120A DC/DC
1
25A IG2–MAIN
2
1
P
1 1I
W
P
W–B
SB
SB
V
G
R
L
B
W
V
G
R
L
B
A5

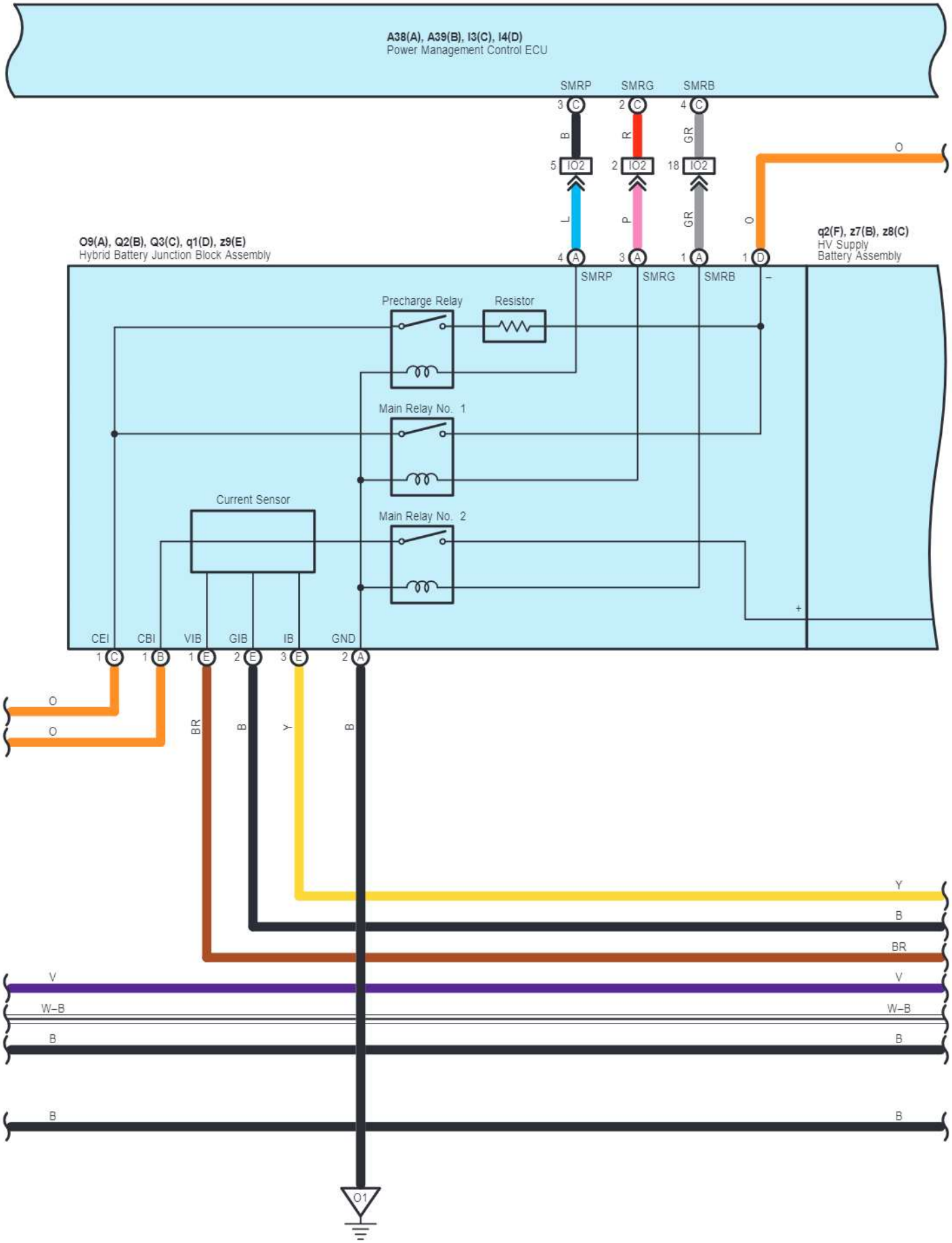

A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
E01
E02
E1
E12
GMTG
GMT
MMT
MMTG
5 C
5 D
6 C
4 D
26 B
27 B
35 B
34 B
W-B
W-B
BR
BR
P
L
G
GR
B
(BAT)
7. 5A
DC/DC-S
2
1
W
3 A
S
4 EA2
5 EA2
7 EA2
6 EA2
1 C
AMD
A13(A), A14(B), C1(C), E1(D), G2(E), Q1(F), n1(G), o1(H)
Inverter with Converter Assembly
GND1
GND2
IGCT
+B
+B2
10 B
11 B
1 A
30 B
31 B
V
W-B
W-B
G
R
W-B
LG
L
G
P
V
G
R
L
B
L
B
1
A73
Junction
Connector
I2
I1
A2

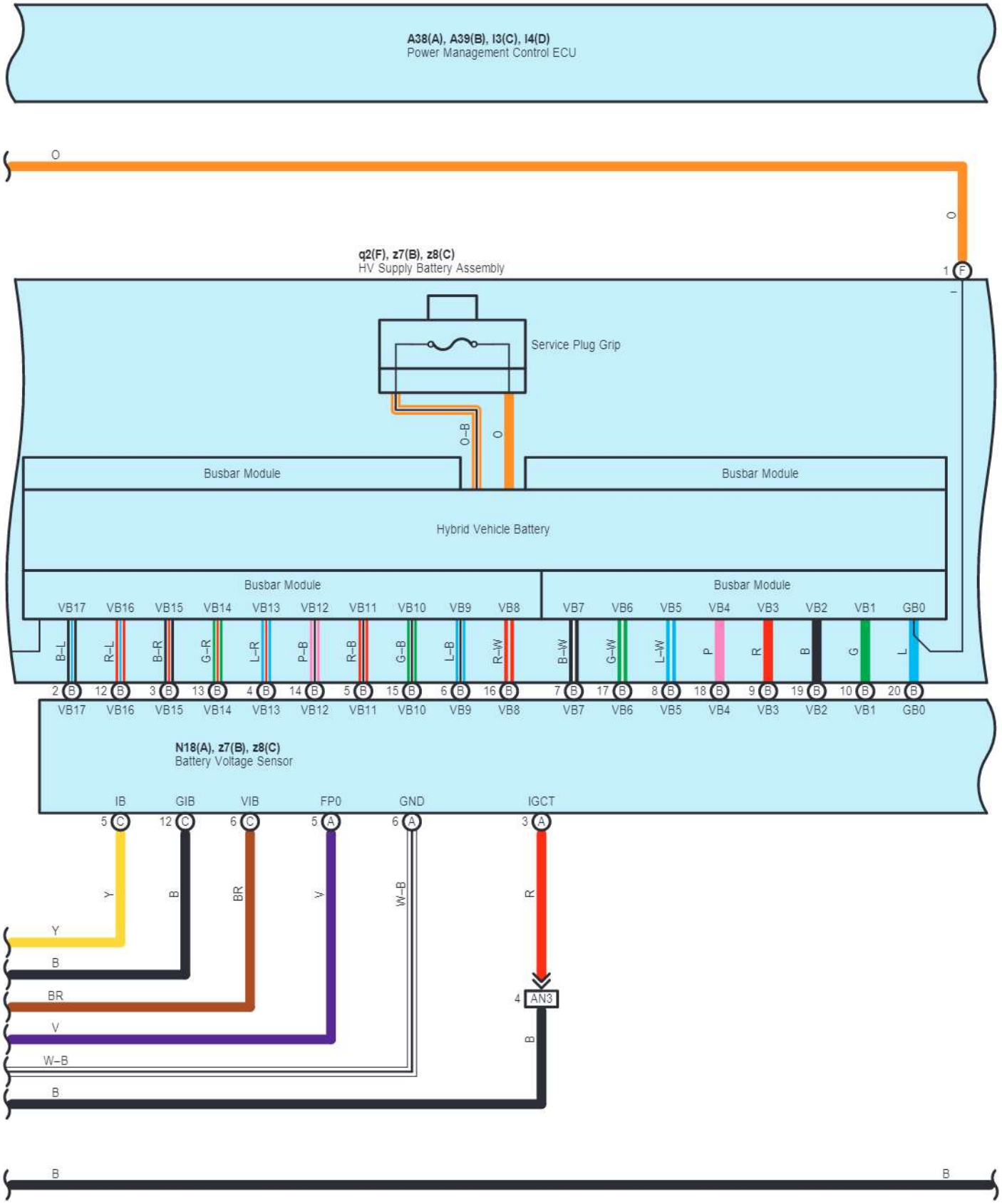

A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
HTM+
HTM–
MTH+
MTH–
REQ+
REQ–
34 A
33 A
21 A
20 A
32 A
31 A
(Shielded)
B
W
L
Y
L
Y
BR
BR
BR
9 B
20 B
29 B
8 B
19 B
28 B
26 B
37 B
38 B
HTM+
HTM–
DRN1
MTH+
MTH–
DRN2
REQ+
REQ–
DRN3
A13(A), A14(B), C1(C), E1(D), G2(E), Q1(F), n1(G), o1(H)
Inverter with Converter Assembly
U
W
V
MRF
MRFG
MSN
MSNG
MCS
MCSG
3 G
1 G
2 G
4 D
11 D
5 D
12 D
6 D
13 D
(Shielded)
W–B
W–GR
W–L
B
G
L
R
W
Y
(Shielded)
(Shielded)
1 C
3 C
2 C
1 A
4 A
2 A
5 A
3 A
6 A
U
W
V
MRF
MRFG
MSN
MSNG
MCS
MCSG
Hybrid Vehicle Motor
MMTG
MMT
3 B
1 B
E12(A), E13(D), E15(B), n2(C), o2(E)
Hybrid Vehicle Transaxle Assembly
LG
L
LG
L
G
G
P
P
L
L
B
B

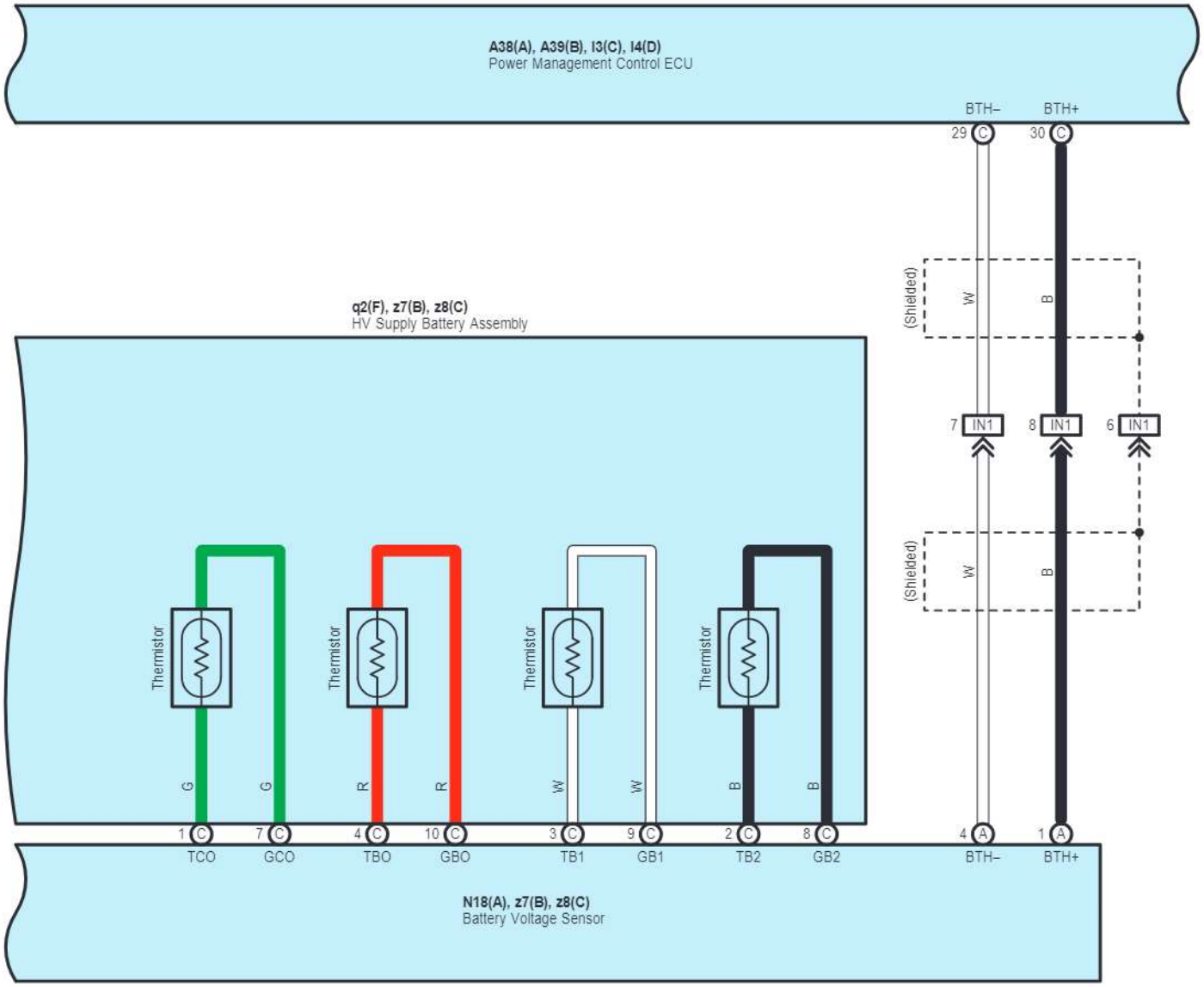

A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
CLK+
CLK–
NODD
VLO
HSDN
ILK
29 A
28 A
23 A
14 A
30 A
22 A
(Shielded)
B
W
SB
BE
B
L
BR
BR
7 B
18 B
27 B
5 A
6 A
40 B
39 B
16 B
CLK+
CLK–
DRN4
NODD
VLO
HSDN
DRN8
ILKI
A13(A), A14(B), C1(C), E1(D), G2(E), Q1(F), n1(G), o1(H)
Inverter with Converter Assembly
DRN6
GSN
GSNG
GCS
GCSG
GRF
GRFG
U
V
W
10 D
2 D
8 D
3 D
9 D
1 D
7 D
3 H
2 H
1 H
(Shielded)
R
(Shielded)
L
R
W
Y
B
G
(Shielded)
W–O
W–SB
W–LG
2 D
6 D
3 D
7 D
1 D
5 D
3 E
2 E
1 E
GSN
GSNG
GCS
GCSG
GRF
GRFG
U
V
W
Hybrid Vehicle Generator
GMT
GMTG
4 D
8 D
E12(A), E13(D), E15(B), n2(C), o2(E)
Hybrid Vehicle Transaxle Assembly
G
P
G
P
L
B
L
B


A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
GI
19 A
B
B
A/C Amplifier Assembly
Compressor with Motor Assembly
(Shielded)
B
G
O
O
BR
2 A
1 E
2 E
1 B
2 B
IDH
ACPE
ACPB
GI
DRN5
A13(A), A14(B), C1(C), E1(D), G2(E), Q1(F), n1(G), o1(H)
Inverter with Converter Assembly
ILKO
CBI
CEI
5 B
1 F
2 F
R
O
O
3 AN3
P
3 Nr1
Y
1
ILK
GND
2
G
7 Nr1
B
12
Interlock Switch (Service Plug Grip)
O
O
B
L
B
L
B
B

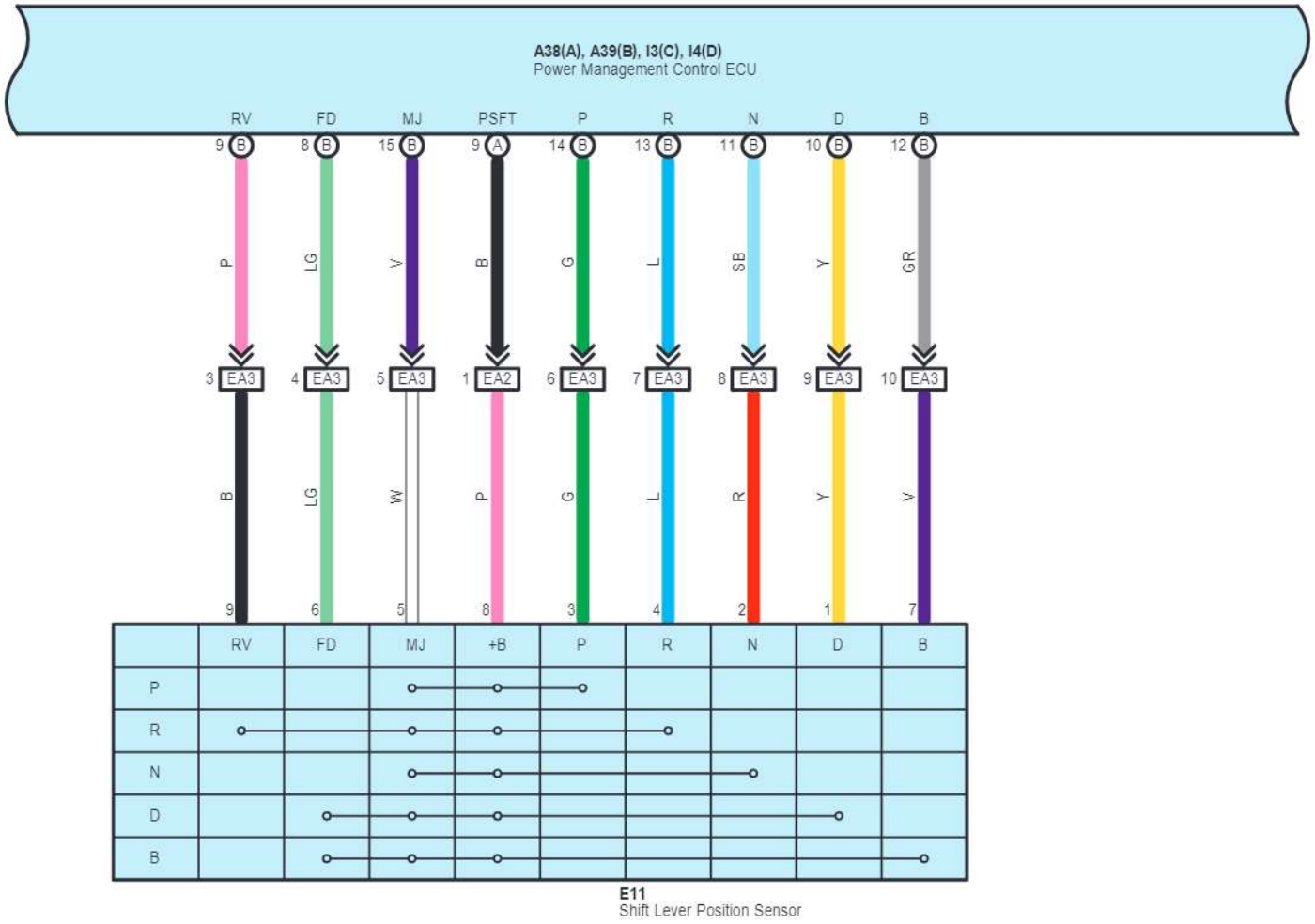

A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
SI0
17 C
GR
9 NI1
GR
6 Nr1
R
3
SI0
V
1 Nr1
BR
2
FP0
IG0
GND0
r1
Battery Cooling Blower Assembly
1
L
2 Nr1
LG
9 AN3
4
W-B
5 Nr1
W-B
11 TN1
O
O
O
O
L
W-B
B
W-B
W-B
12 TN1
W-B
B
L
B
B
V
W-B
B
B
W-B
T1


A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
SMRP
SMRG
SMRB
3 C
2 C
4 C
B
R
GR
5 IO2
2 IO2
18 IO2
L
P
GR
O
O9(A), Q2(B), Q3(C), q1(D), z9(E)
Hybrid Battery Junction Block Assembly
4 A
3 A
1 A
1 D
q2(F), z7(B), z8(C)
HV Supply
Battery Assembly
SMRP
SMRG
SMRB
–
Precharge Relay
Resistor
Main Relay No. 1
Current Sensor
Main Relay No. 2
+
CEI
CBI
VIB
GIB
IB
GND
1 C
1 B
1 E
2 E
3 E
2 A
O
O
BR
B
Y
B
Y
B
BR
V
V
W–B
W–B
B
B
B
B
O1

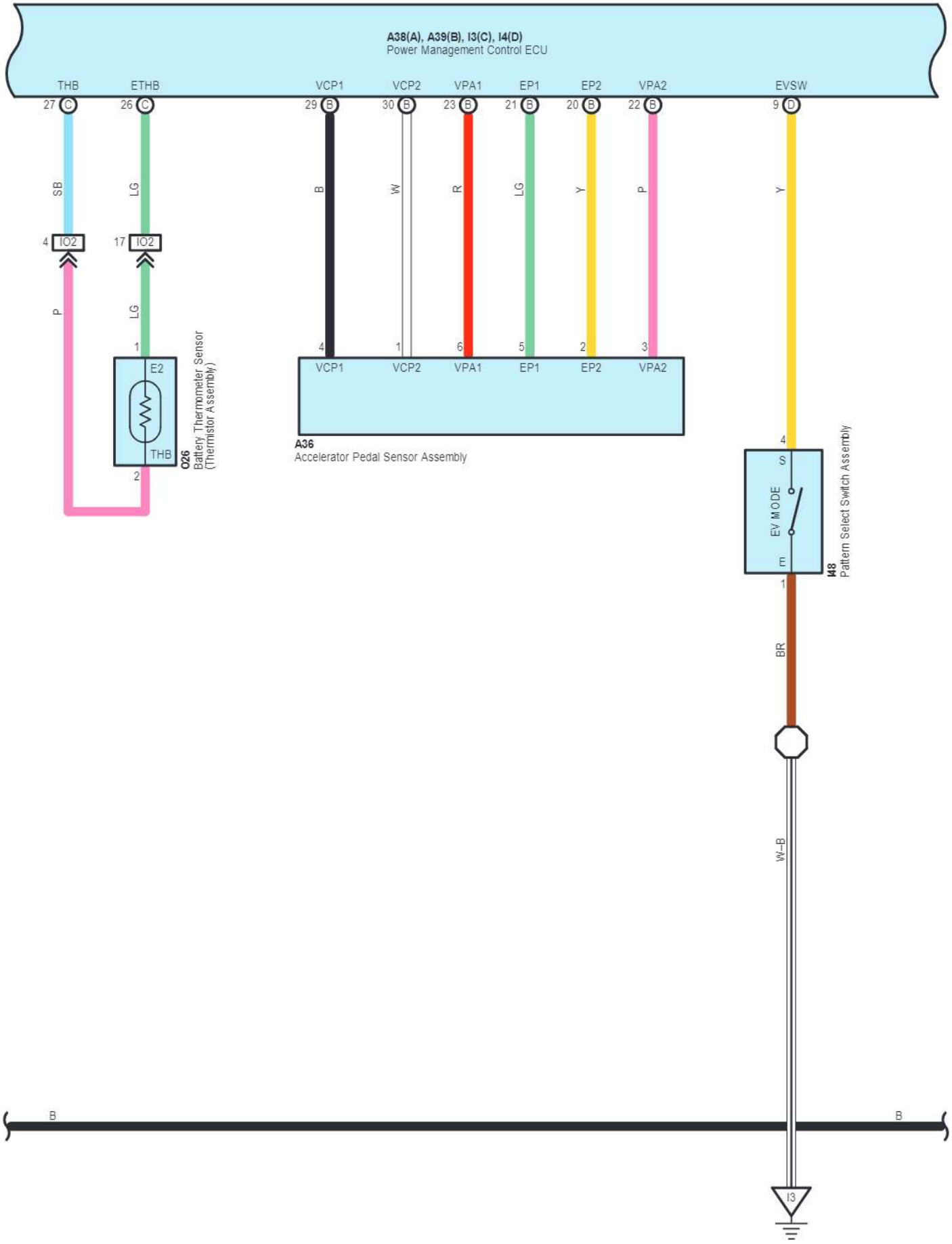

A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
O
O
q2(F), z7(B), z8(C)
HV Supply Battery Assembly
1 F
Service Plug Grip
O–B
O
Busbar Module
Busbar Module
Hybrid Vehicle Battery
Busbar Module
Busbar Module
VB17 VB16 VB15 VB14 VB13 VB12 VB11 VB10 VB9 VB8 VB7 VB6 VB5 VB4 VB3 VB2 VB1 GB0
B–L R–L B–R G–R L–R P–B R–B G–B L–B R–W B–W G–W L–W P R B G L
2 12 3 13 4 14 5 15 6 16 7 17 8 18 9 19 10 20
VB17 VB16 VB15 VB14 VB13 VB12 VB11 VB10 VB9 VB8 VB7 VB6 VB5 VB4 VB3 VB2 VB1 GB0
N18(A), z7(B), z8(C)
Battery Voltage Sensor
IB GIB VIB FP0 GND IGCT
5 12 6 5 6 3
Y B BR V W–B R
Y
B
BR
V
W–B
4 AN3
B
B
B

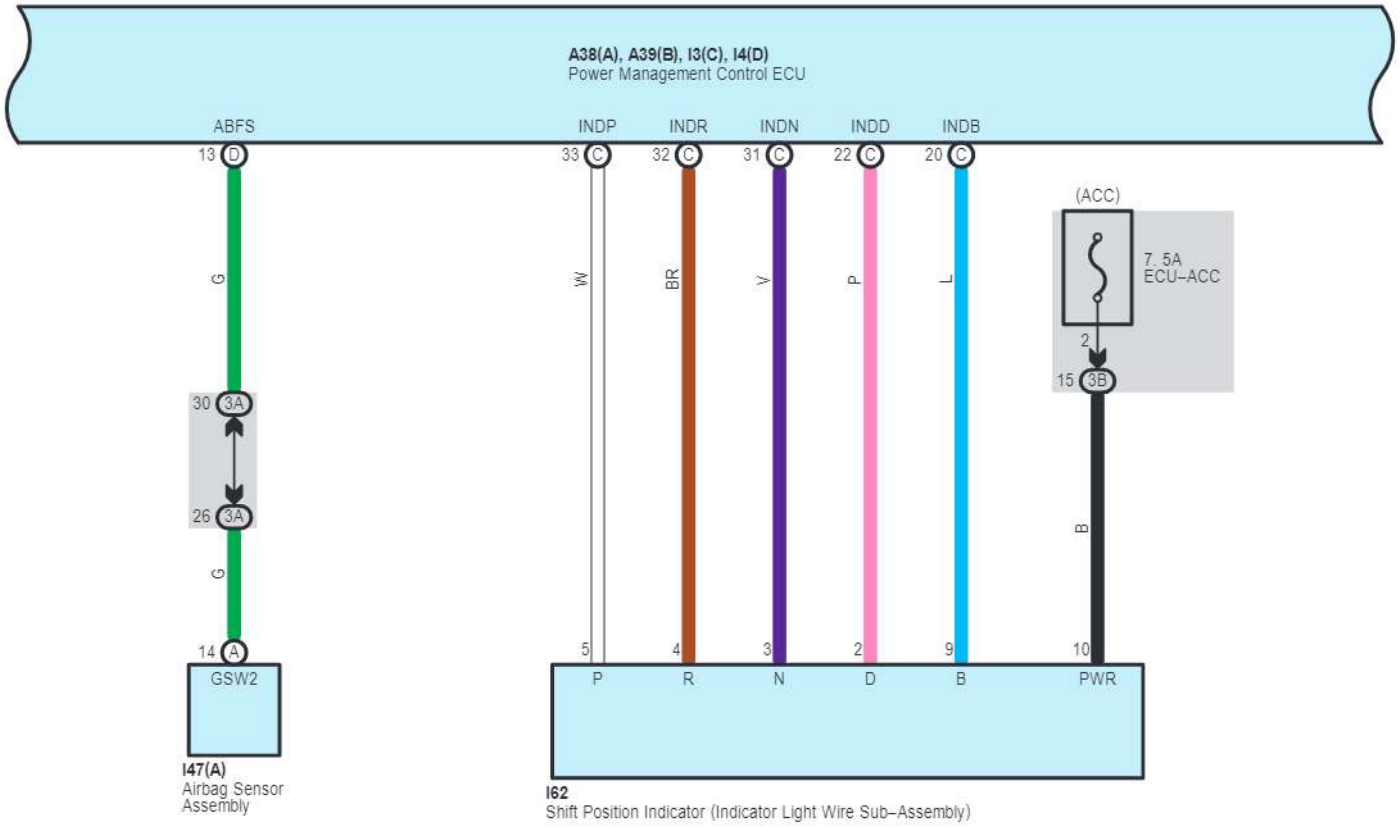

A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
BTH–
BTH+
29 C
30 C
(Shielded)
W
B
7 IN1
8 IN1
6 IN1
(Shielded)
W
B
q2(F), z7(B), z8(C)
HV Supply Battery Assembly
Thermistor
Thermistor
Thermistor
Thermistor
G
G
R
R
W
W
B
B
1 C
7 C
4 C
10 C
3 C
9 C
2 C
8 C
TCO
GCO
TBO
GBO
TB1
GB1
TB2
GB2
4 A
1 A
BTH–
BTH+
N18(A), z7(B), z8(C)
Battery Voltage Sensor

B B


A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
RV
FD
MJ
PSFT
P
R
N
D
B
9 B
8 B
15 B
9 A
14 B
13 B
11 B
10 B
12 B
P
LG
V
B
G
L
SB
Y
GR
3 EA3
4 EA3
5 EA3
1 EA2
6 EA3
7 EA3
8 EA3
9 EA3
10 EA3
B
LG
W
P
G
L
R
Y
V
9
6
5
8
3
4
2
1
7
RV
FD
MJ
+B
P
R
N
D
B
P
R
N
D
B
E11
Shift Lever Position Sensor

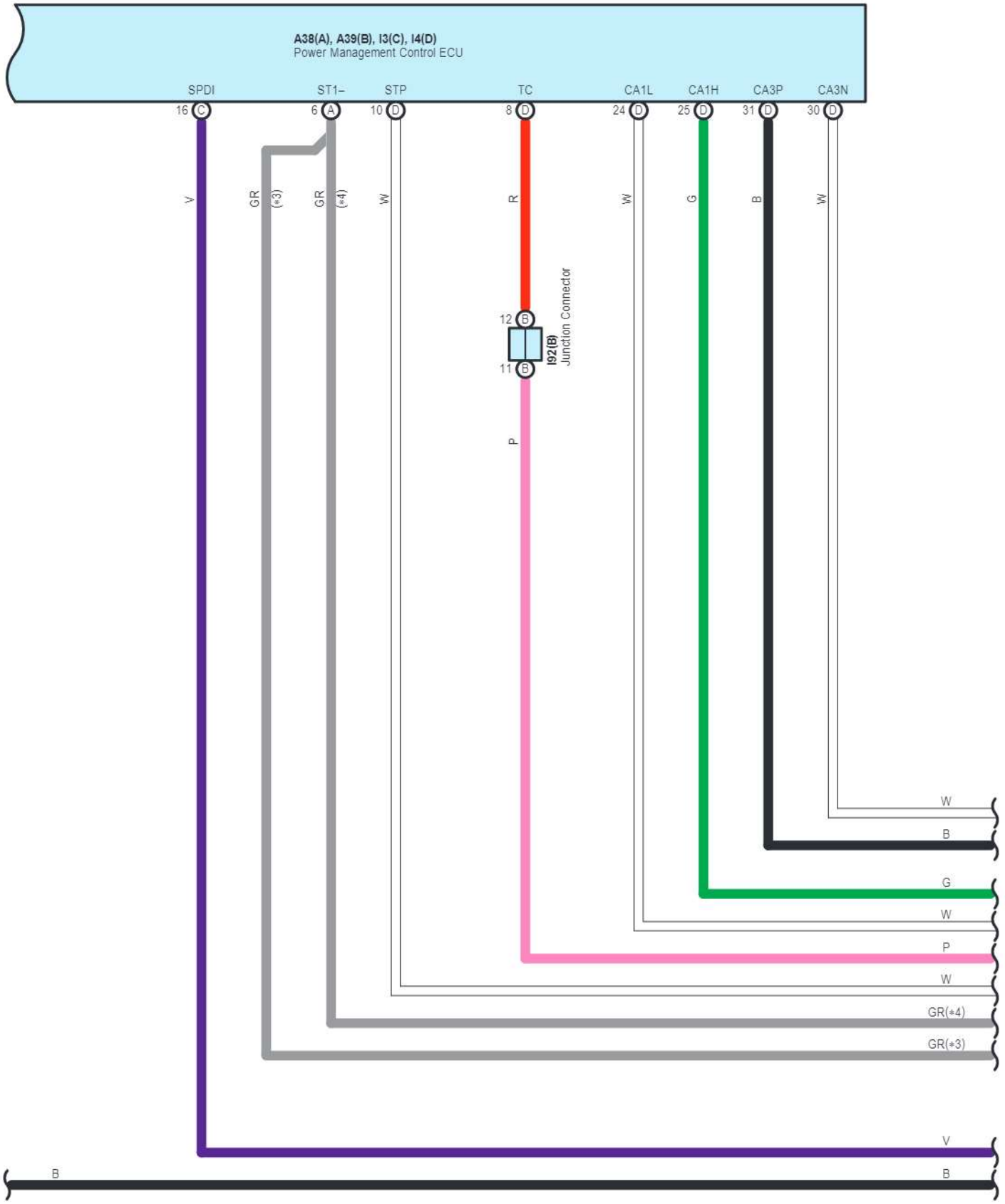
B B

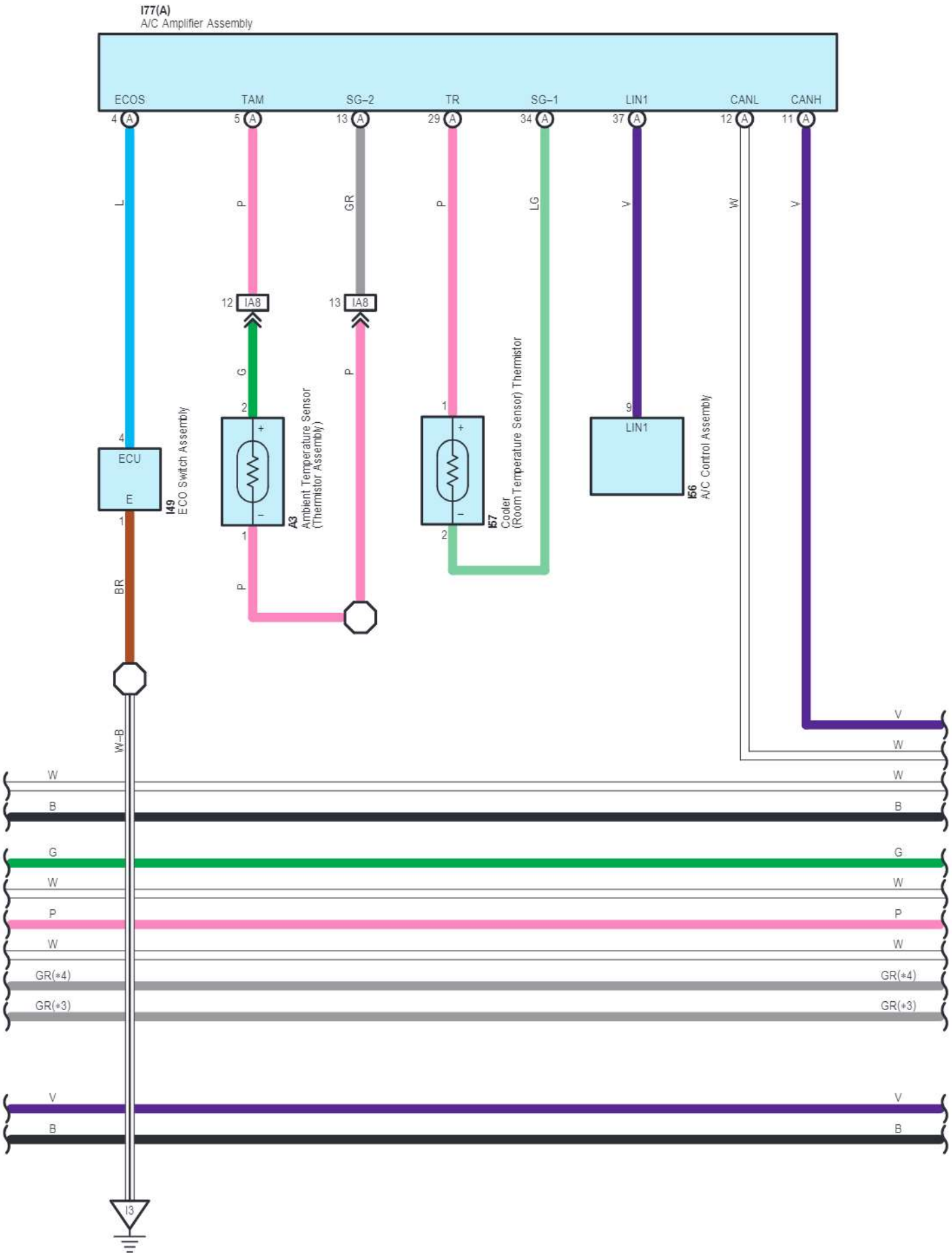

A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
THB
ETHB
VCP1
VCP2
VPA1
EP1
EP2
VPA2
EVSW
27 C
26 C
29 B
30 B
23 B
21 B
20 B
22 B
9 D
SB
LG
B
W
R
LG
Y
P
Y
4 IO2
17 IO2
P
LG
1
E2
THB
2
O26
Battery Thermometer Sensor
(Thermistor Assembly)
4
1
6
5
2
3
VCP1
VCP2
VPA1
EP1
EP2
VPA2
A36
Accelerator Pedal Sensor Assembly
4
S
EV MODE
E
1
I48
Pattern Select Switch Assembly
BR
W-B
B
B
I3

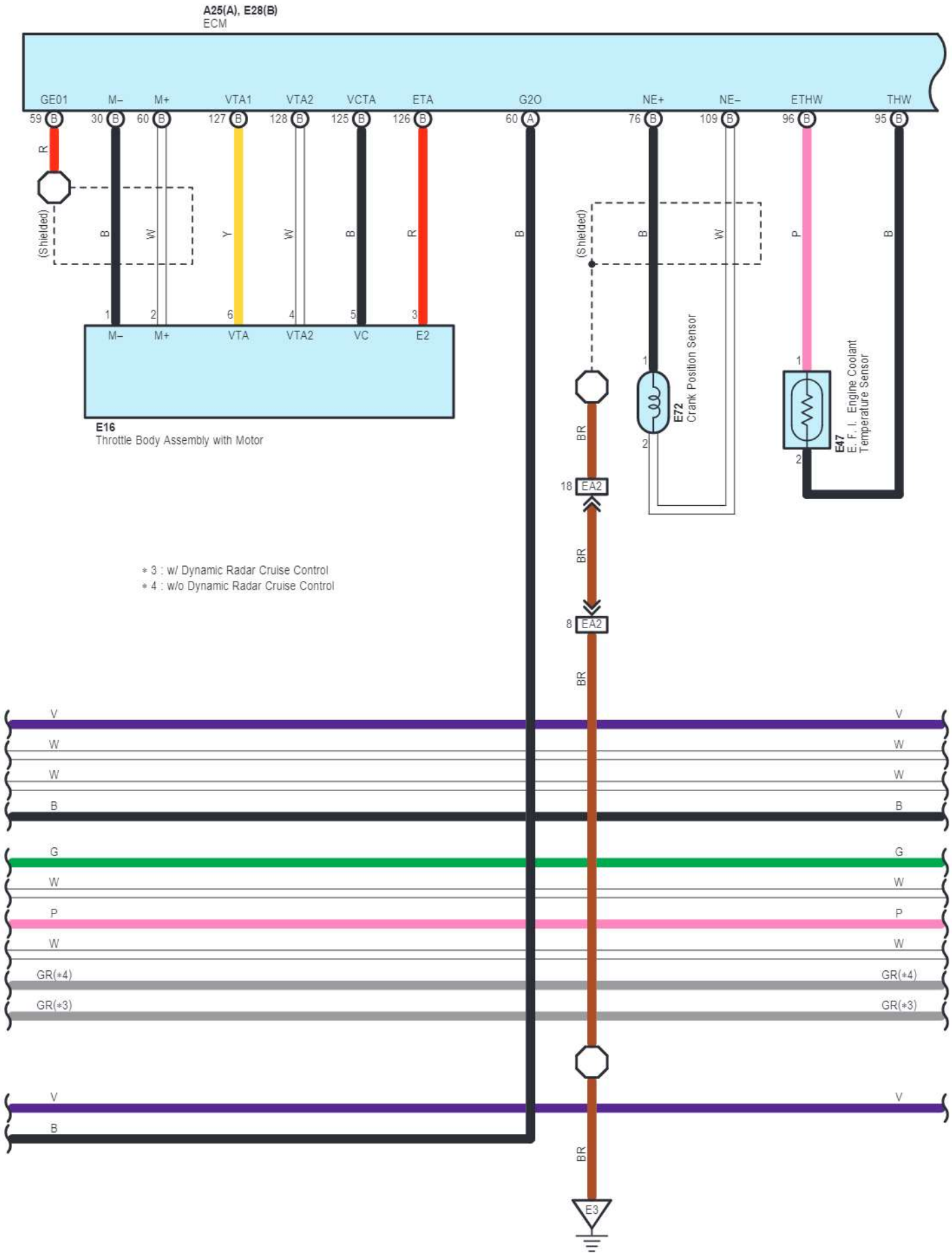


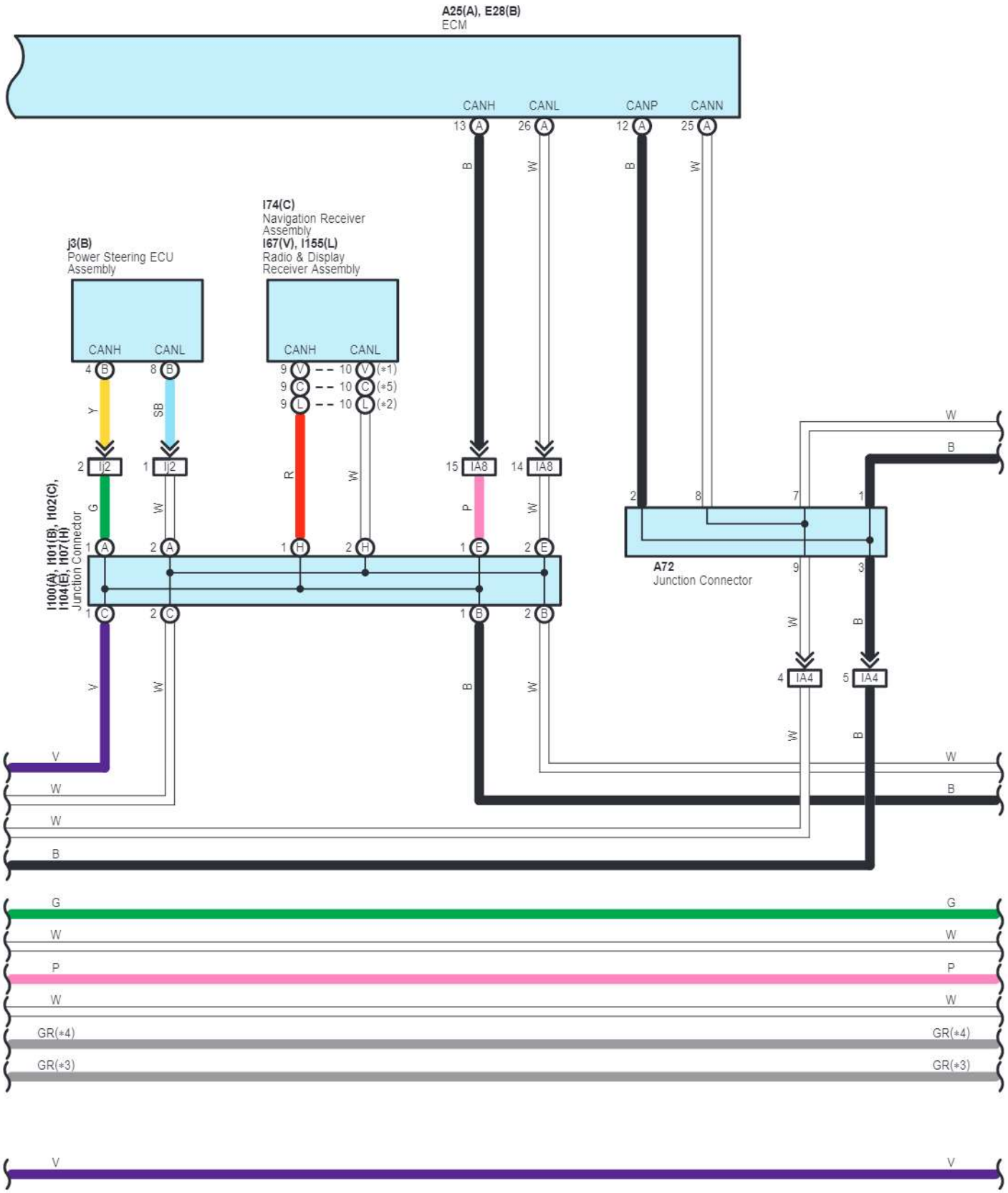
* 3 : w/ Dynamic Radar Cruise Control
* 4 : w/o Dynamic Radar Cruise Control

B B

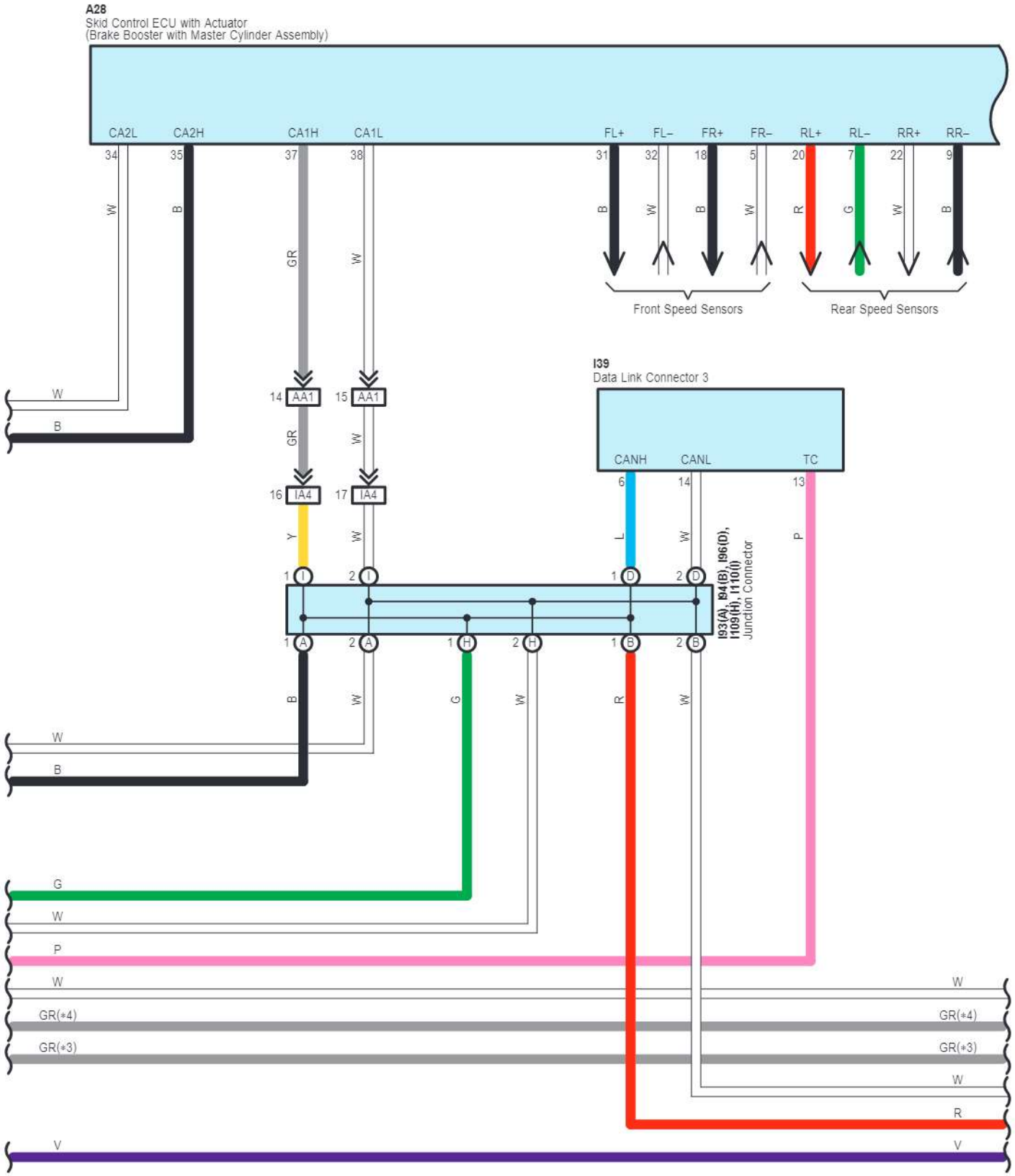

A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
SPDI
ST1–
STP
TC
CA1L
CA1H
CA3P
CA3N
16 C
6 A
10 D
8 D
24 D
25 D
31 D
30 D
V
GR (*3)
GR (*4)
W
R
W
G
B
W
12 B
11 B
I92(B)
Junction Connector
P
W
B
G
W
P
W
GR(*4)
GR(*3)
V
B
B

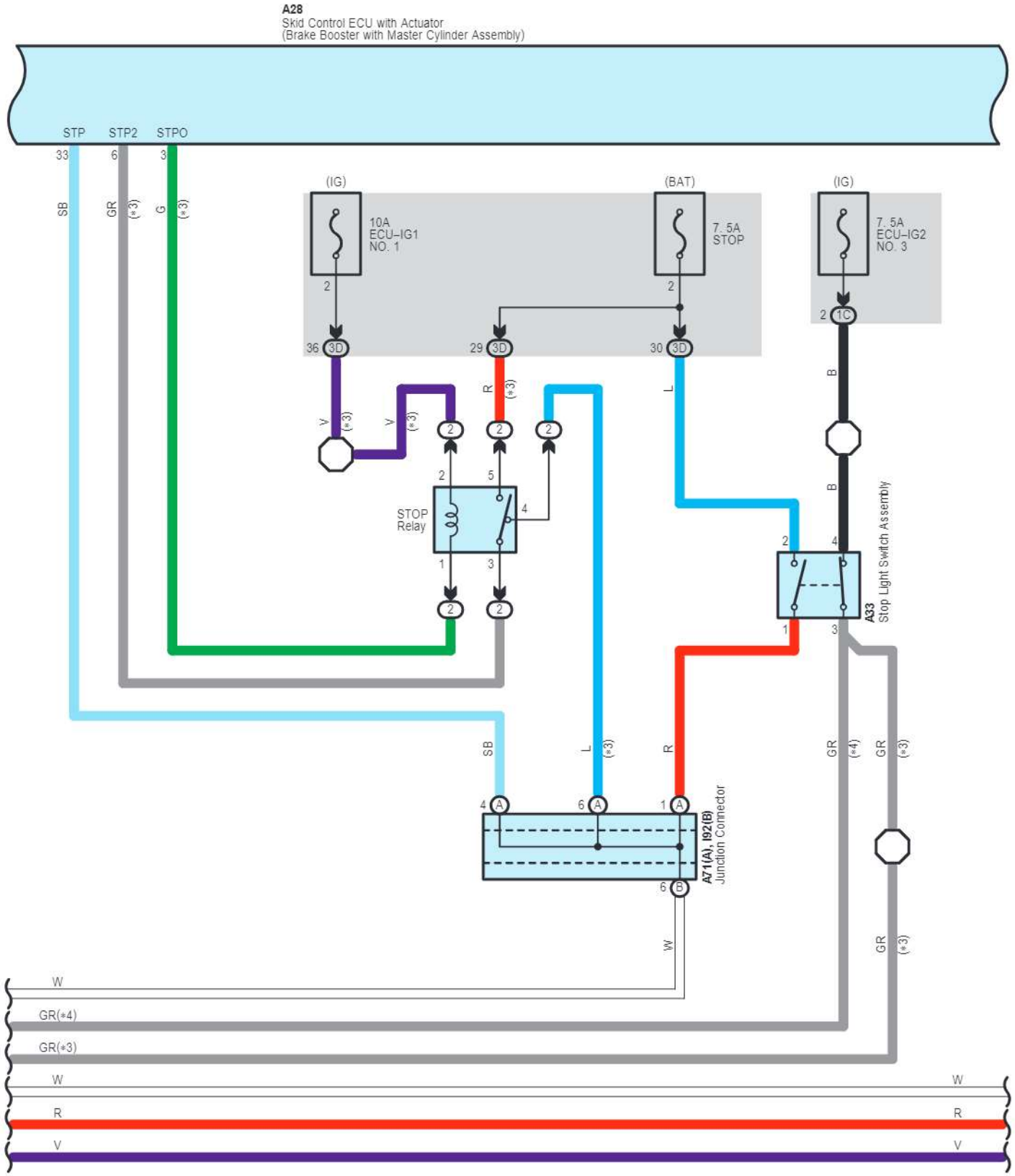

I77(A)
A/C Amplifier Assembly
ECOS
TAM
SG–2
TR
SG–1
LIN1
CANL
CANH
4 A
5 A
13 A
29 A
34 A
37 A
12 A
11 A
L
P
GR
P
LG
V
W
V
12 IA8
13 IA8
G
P
2
1
9
4
ECU
E
1
BR
W–B
I49
ECO Switch Assembly
A3
Ambient Temperature Sensor
(Thermistor Assembly)
I57
Cooler
(Room Temperature Sensor) Thermistor
LIN1
I56
A/C Control Assembly
I3
V
W
W
B
G
W
P
W
GR(*4)
GR(*3)
V
B


A25(A), E28(B)
ECM
GE01
M–
M+
VTA1
VTA2
VCTA
ETA
G2O
NE+
NE–
ETHW
THW
59 (B)
30 (B)
60 (B)
127 (B)
128 (B)
125 (B)
126 (B)
60 (A)
76 (B)
109 (B)
96 (B)
95 (B)
R
(Shielded)
B
W
Y
W
B
R
B
(Shielded)
B
W
P
B
1
2
6
4
5
3
M–
M+
VTA
VTA2
VC
E2
E16
Throttle Body Assembly with Motor
BR
18 EA2
BR
8 EA2
BR
1
2
E72
Crank Position Sensor
1
2
E47
E. F. I. Engine Coolant Temperature Sensor
* 3 : w/ Dynamic Radar Cruise Control
* 4 : w/o Dynamic Radar Cruise Control
V
W
W
B
G
W
P
W
GR(*4)
GR(*3)
V
B
V
W
W
B
G
W
P
W
GR(*4)
GR(*3)
V
BR
E3

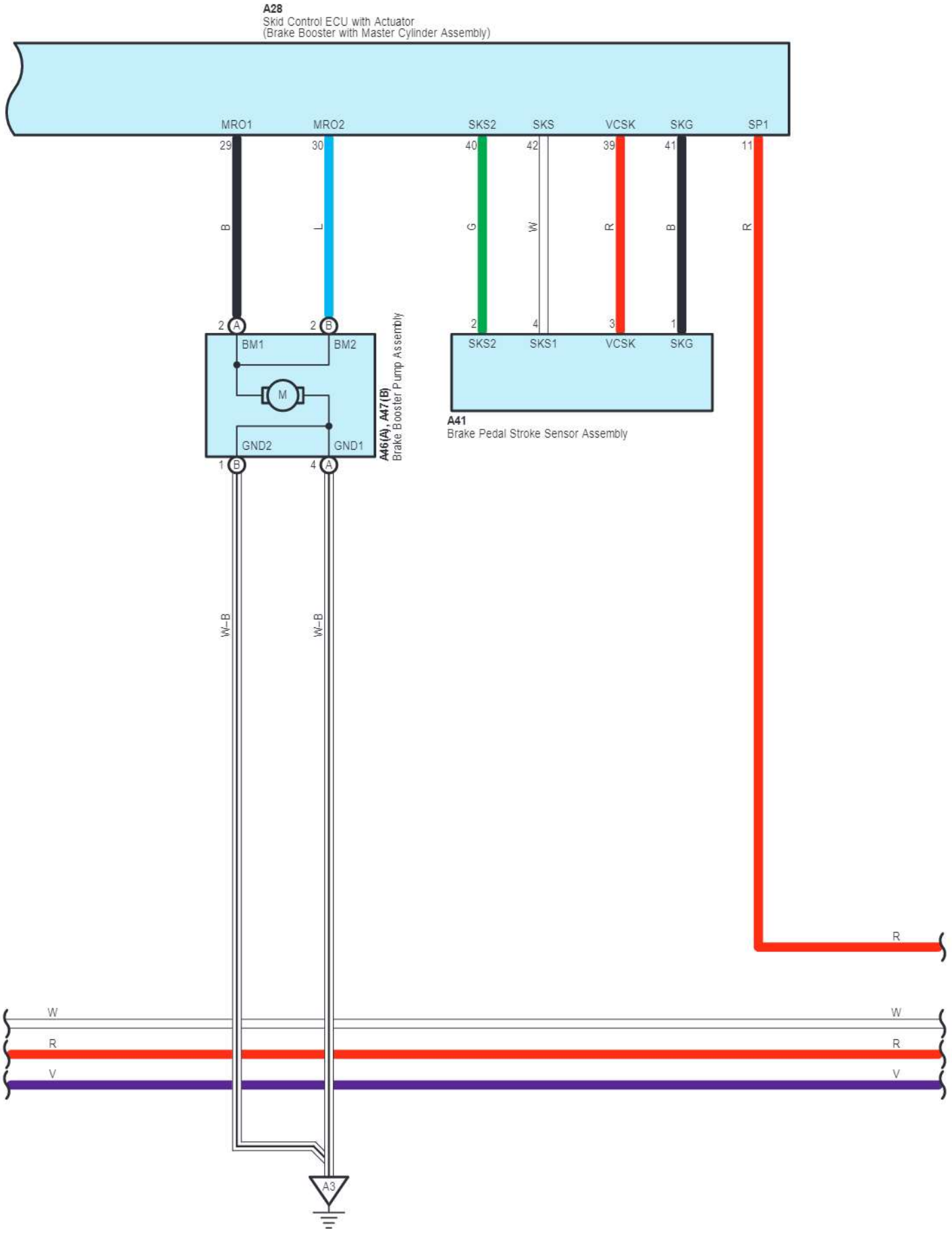


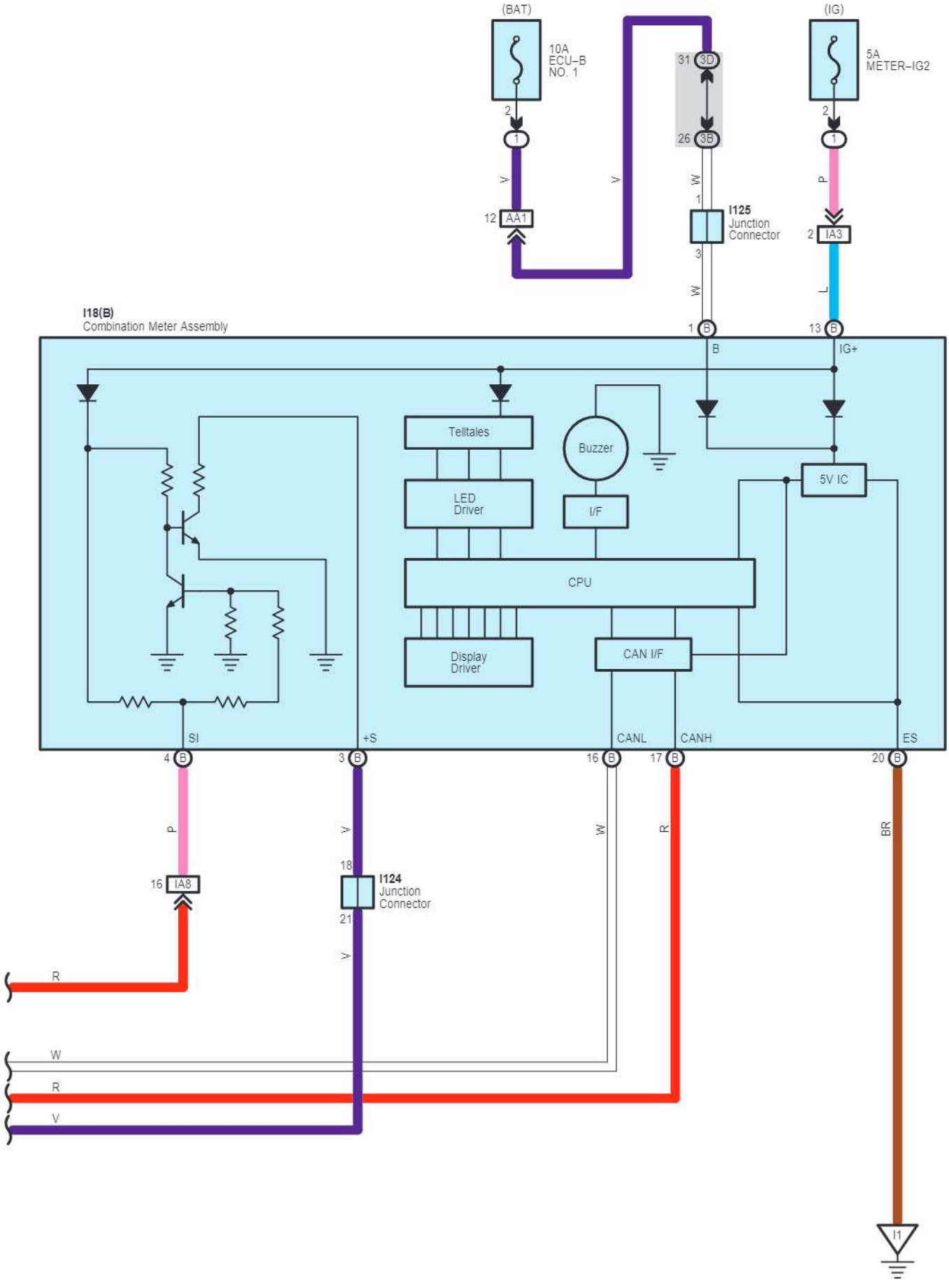
* 1 : w/ Radio & Display Receiver Assembly Korea
* 2 : w/ Radio & Display Receiver Assembly Except Korea
* 3 : w/ Dynamic Radar Cruise Control
* 4 : w/o Dynamic Radar Cruise Control
* 5 : w/ Navigation Receiver Assembly


A28
Skid Control ECU with Actuator
(Brake Booster with Master Cylinder Assembly)
CA2L
CA2H
CA1H
CA1L
FL+
FL−
FR+
FR−
RL+
RL−
RR+
RR−
34
35
37
38
31
32
18
5
20
7
22
9
W
B
GR
W
B
W
B
R
G
W
B
Front Speed Sensors
Rear Speed Sensors
I39
Data Link Connector 3
CANH
CANL
TC
6
14
13
L
W
P
14 AA1
15 AA1
16 IA4
17 IA4
GR
W
Y
W
1 I
2 I
1 D
2 D
I93(A), I94(B), I96(D),
I109(H), I110(I)
Junction Connector
1 A
2 A
1 H
2 H
1 B
2 B
B
W
G
W
R
W
W
B
G
W
P
W
GR(∗4)
GR(∗3)
W
GR(∗4)
GR(∗3)
W
R
V
V



* 3 : w/ Dynamic Radar Cruise Control
* 4 : w/o Dynamic Radar Cruise Control

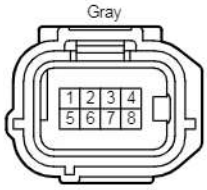

A28
Skid Control ECU with Actuator
(Brake Booster with Master Cylinder Assembly)
MRO1
MRO2
SKS2
SKS
VCSK
SKG
SP1
29
30
40
42
39
41
11
B
L
G
W
R
B
R
2 A
2 B
BM1
BM2
M
GND2
GND1
1 B
4 A
A46(A), A47(B)
Brake Booster Pump Assembly
2
4
3
1
SKS2
SKS1
VCSK
SKG
A41
Brake Pedal Stroke Sensor Assembly
W-B
W-B
R
W
R
V
W
R
V
A3


(BAT)
10A
ECU-B
NO. 1
(IG)
5A
METER-IG2
31 3D
26 3B
2
1
12 AA1
2 IA3
W
P
V
1
3
I125
Junction
Connector
I18(B)
Combination Meter Assembly
1 B
13 B
B
IG+
Telltales
Buzzer
LED
Driver
I/F
5V IC
CPU
Display
Driver
CAN I/F
SI
+S
CANL
CANH
ES
4 B
3 B
16 B
17 B
20 B
L
BR
16 IA8
18
21
I124
Junction
Connector
R
W
V
I1

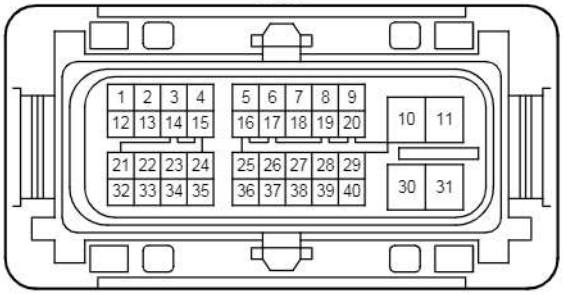
A 3
Black



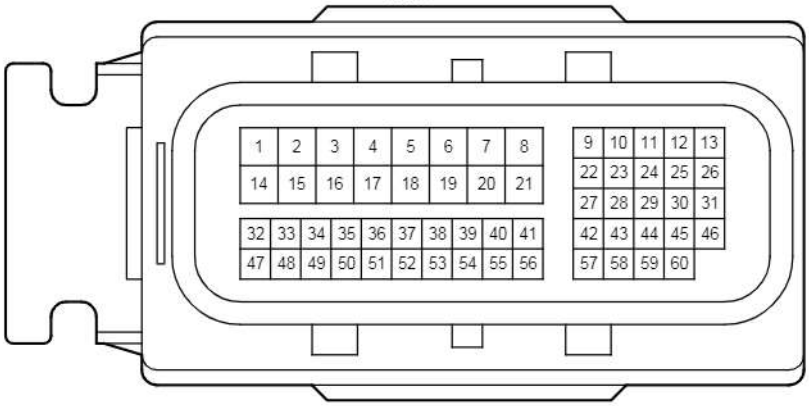
A 13
Gray



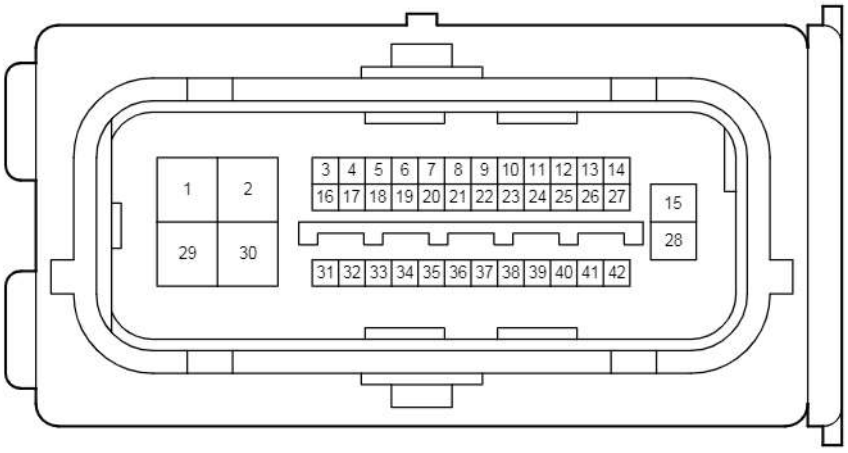
A 14
Black



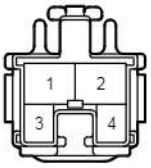
A 25
Black



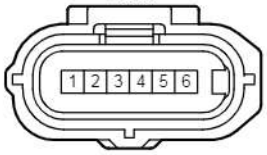
A 28
Black



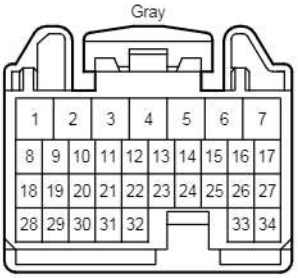
A 33
White



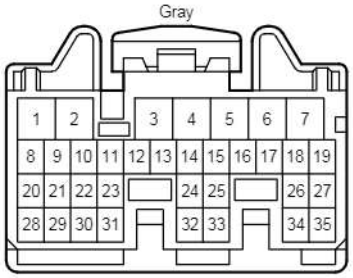
A 36
Black



A 38
Gray



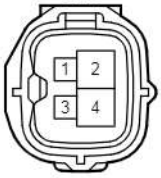
A 39
Gray



A 41
Black



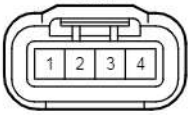
A 46
Black



A 47
Black



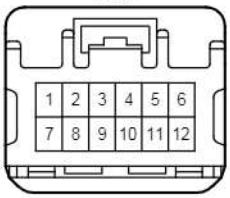
A 50
Black



A 71
Gray



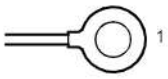
A 72
White



A 73
Gray



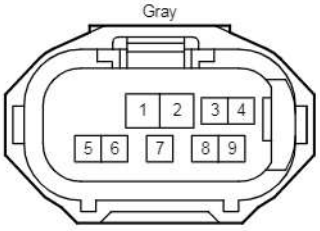
C 1



E 1
Gray



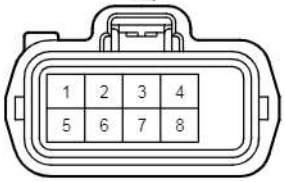
E 11
Gray



E 12
Gray



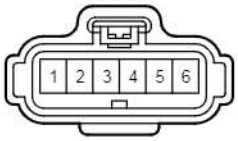
E 13
Gray



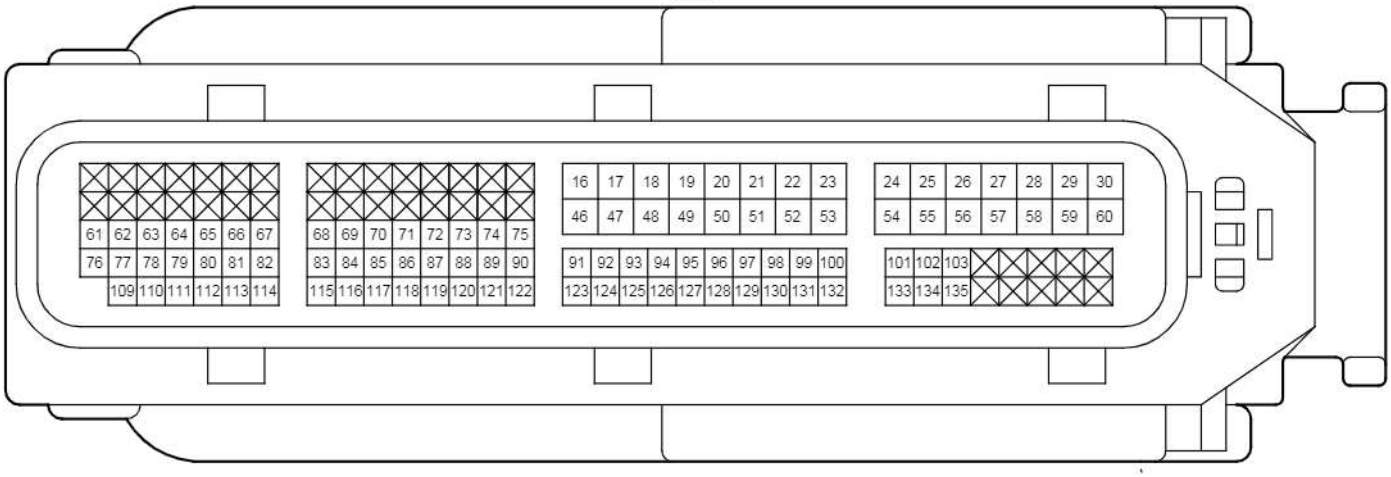
E 15
Gray



E 16
Black



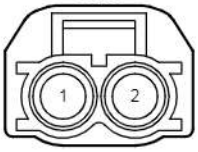
E 28
Black



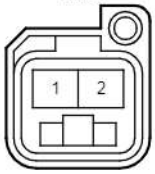
E 47
Black



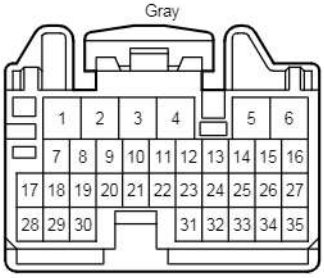
E 72
Black



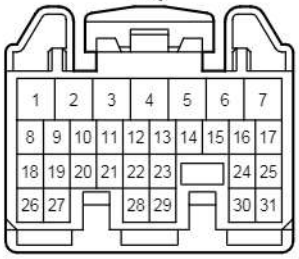
G 2
White



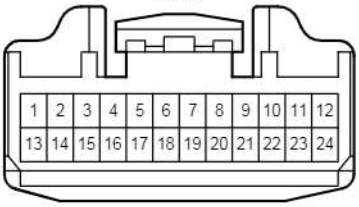
I 3
Gray



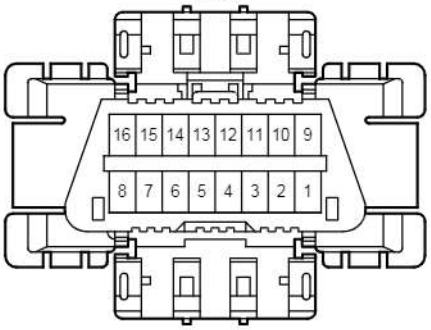
I 4
Gray



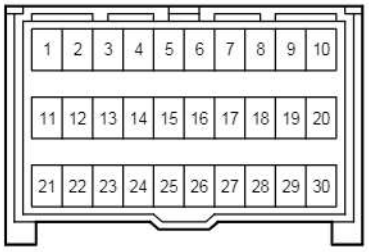
I 18
Black



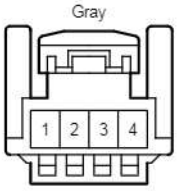
I 39
White



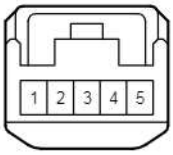
I 47
Yellow



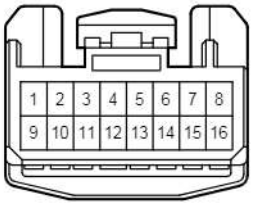
I 48
Gray



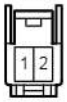
I 49
Black



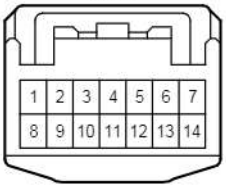
I 56
Black



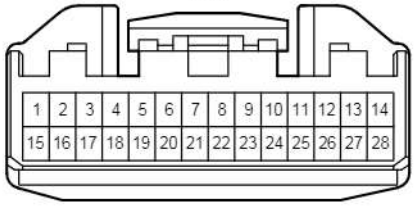
I 57
Black



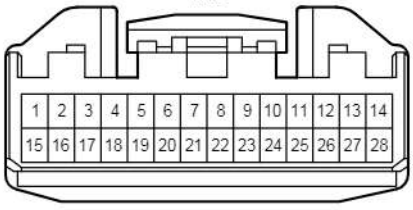
I 62
White



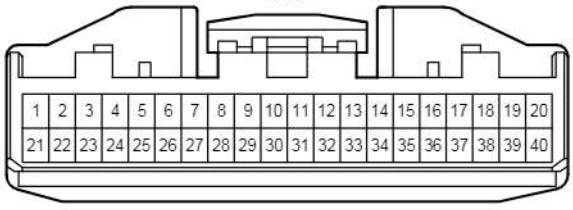
I 67
White



I 74
White



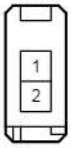
I 77
White



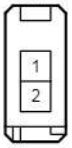
I 92
Gray



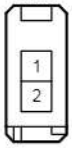
I 93
White



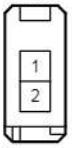
I 94
White



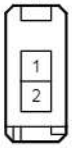
I 96
White



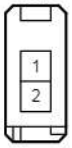
I100
White



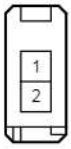
I101
White



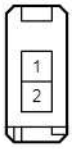
I102
White



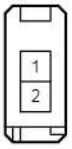
I104
White



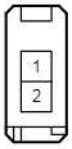
I107
White



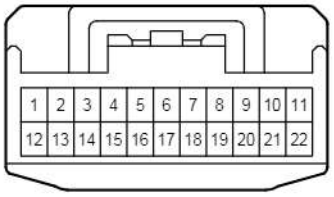
I109
White



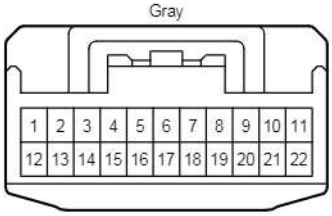
I110
White



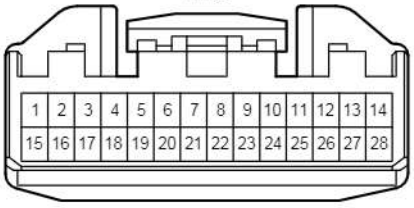
I124
White



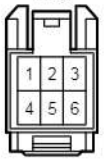
I125
Gray



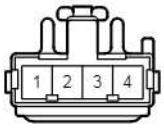
I155
White



N 18
White



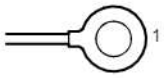
O 9
White



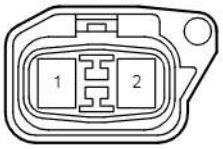
O 26
Black



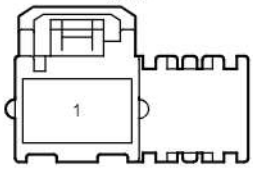
O 29



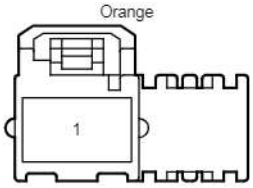
Q 1
White



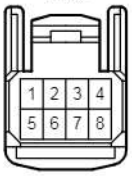
Q 2
White



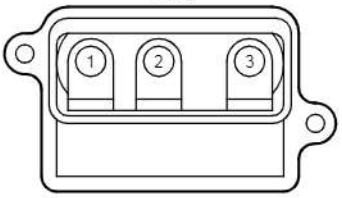
Q 3
Orange



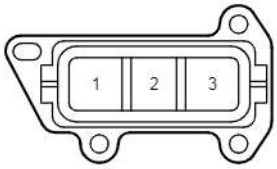
j 3
White



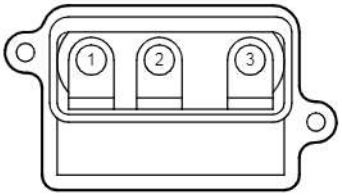
n 1
White



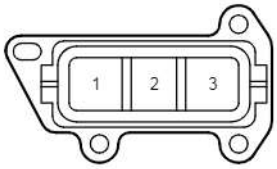
n 2
White



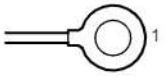
o 1
White



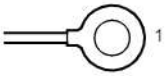
o 2
White



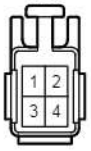
q 1



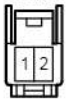
q 2



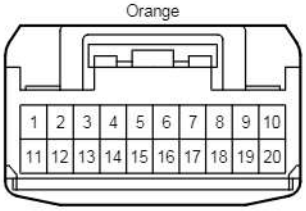
r 1
Black



r 2
White



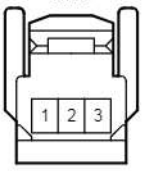
z 7
Orange



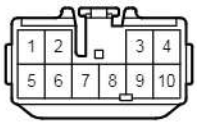
z 8
Black



z 9
White



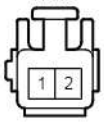
1C
White



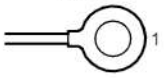
1D
White



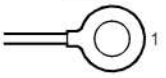
1E
White



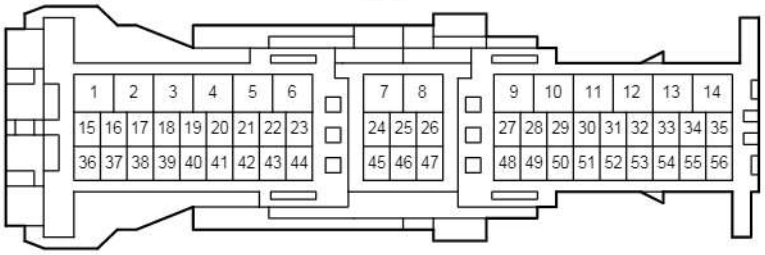
1I
White



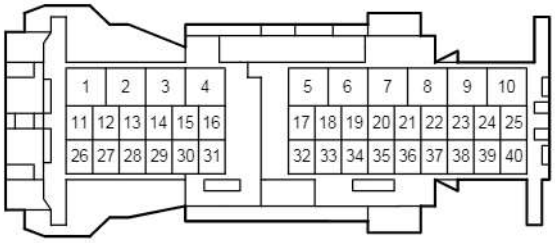
1K
White



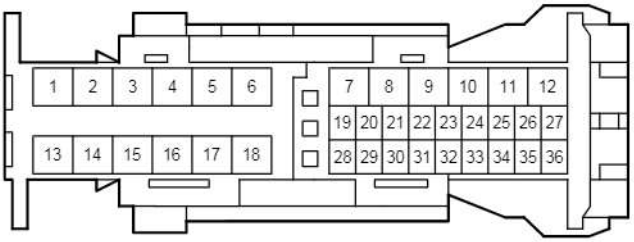
3A
White



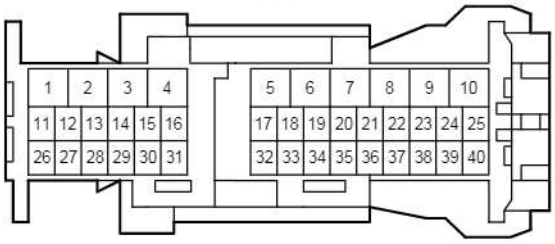
3B
White



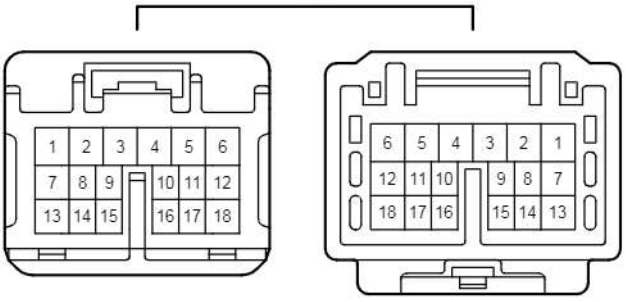
3C
White



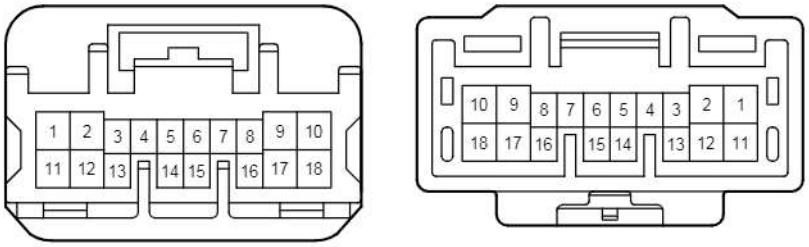
3D
White



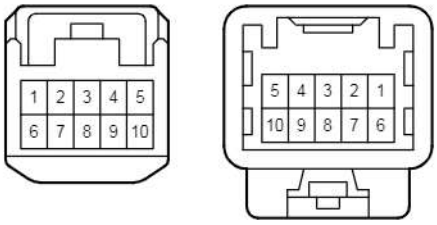
AA1
Blue



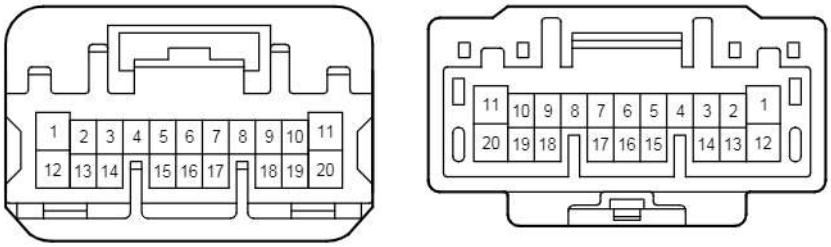
AN1
White



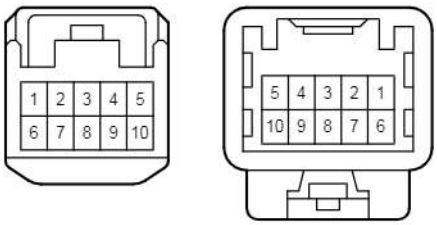
AN3
White



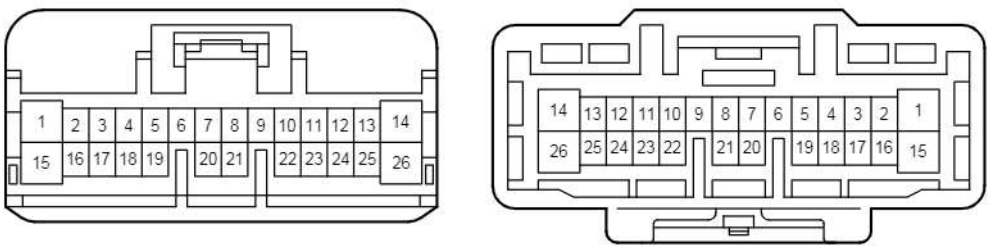
EA2
White



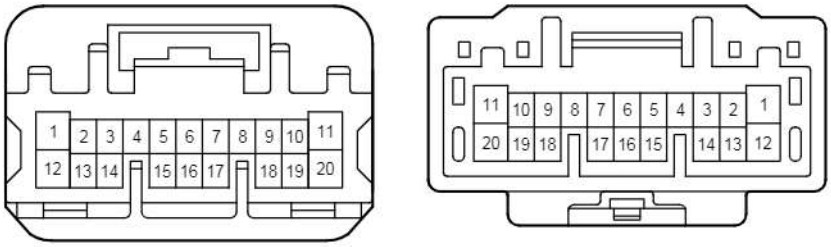
EA3
White



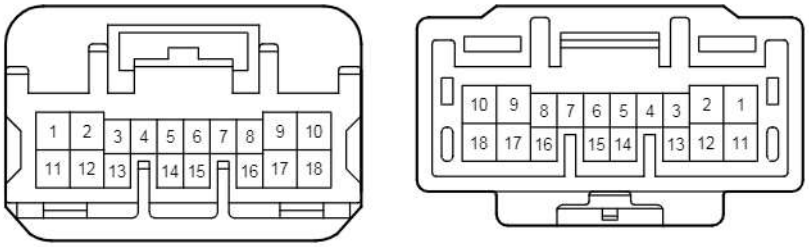
IA3
Blue



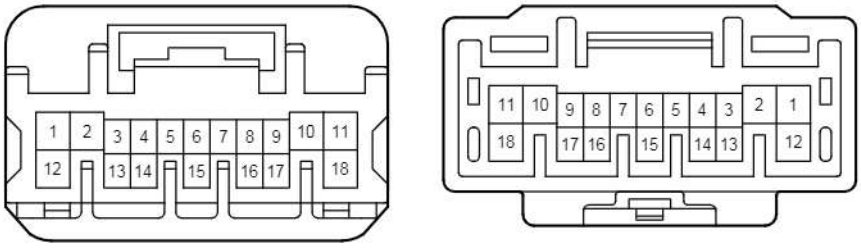
IA4
Gray



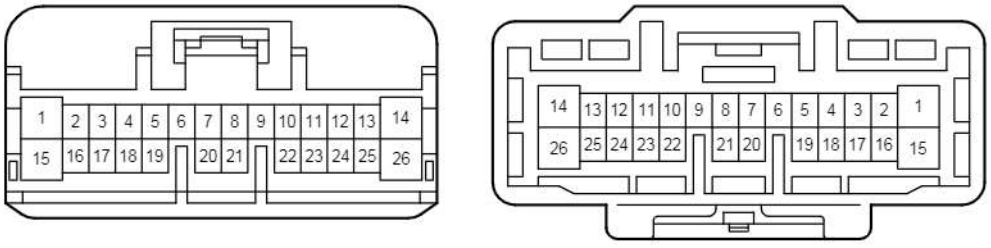
IA8
Gray



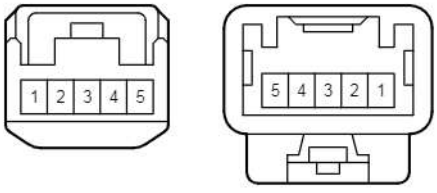
IN1
White



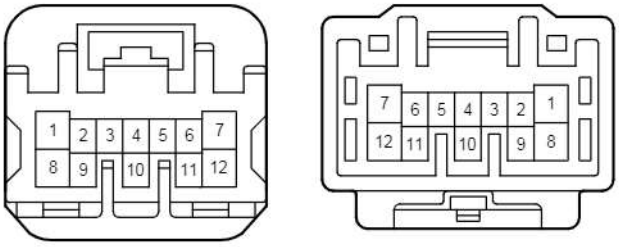
IO2
White

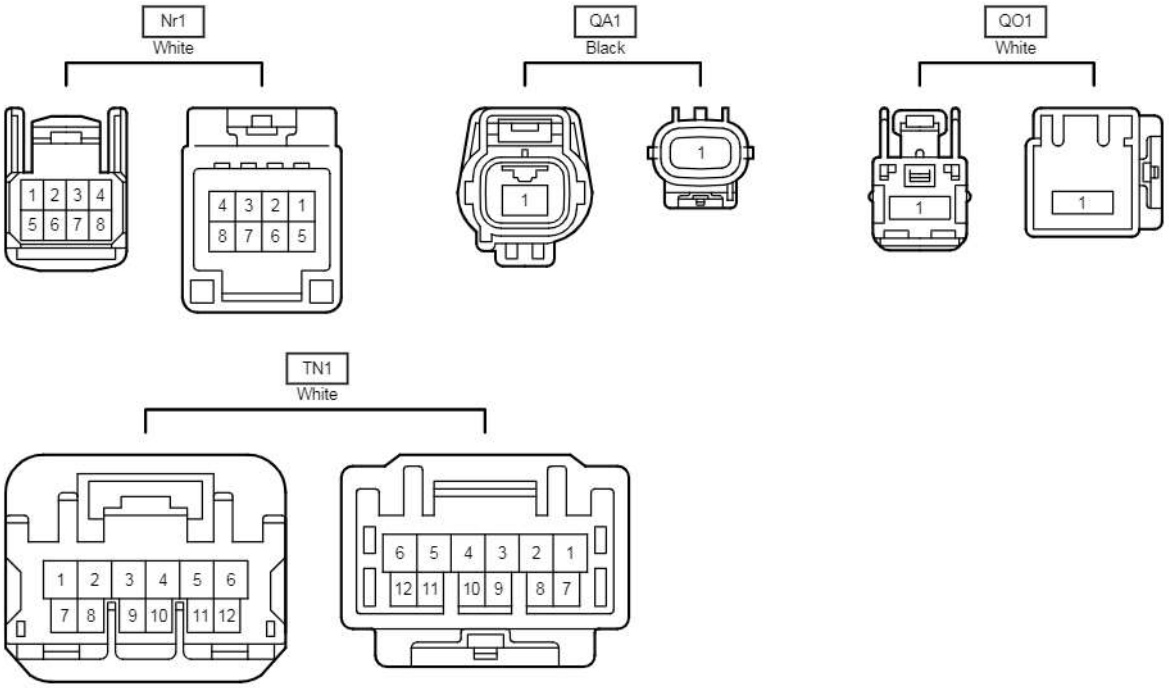


Ij2
White

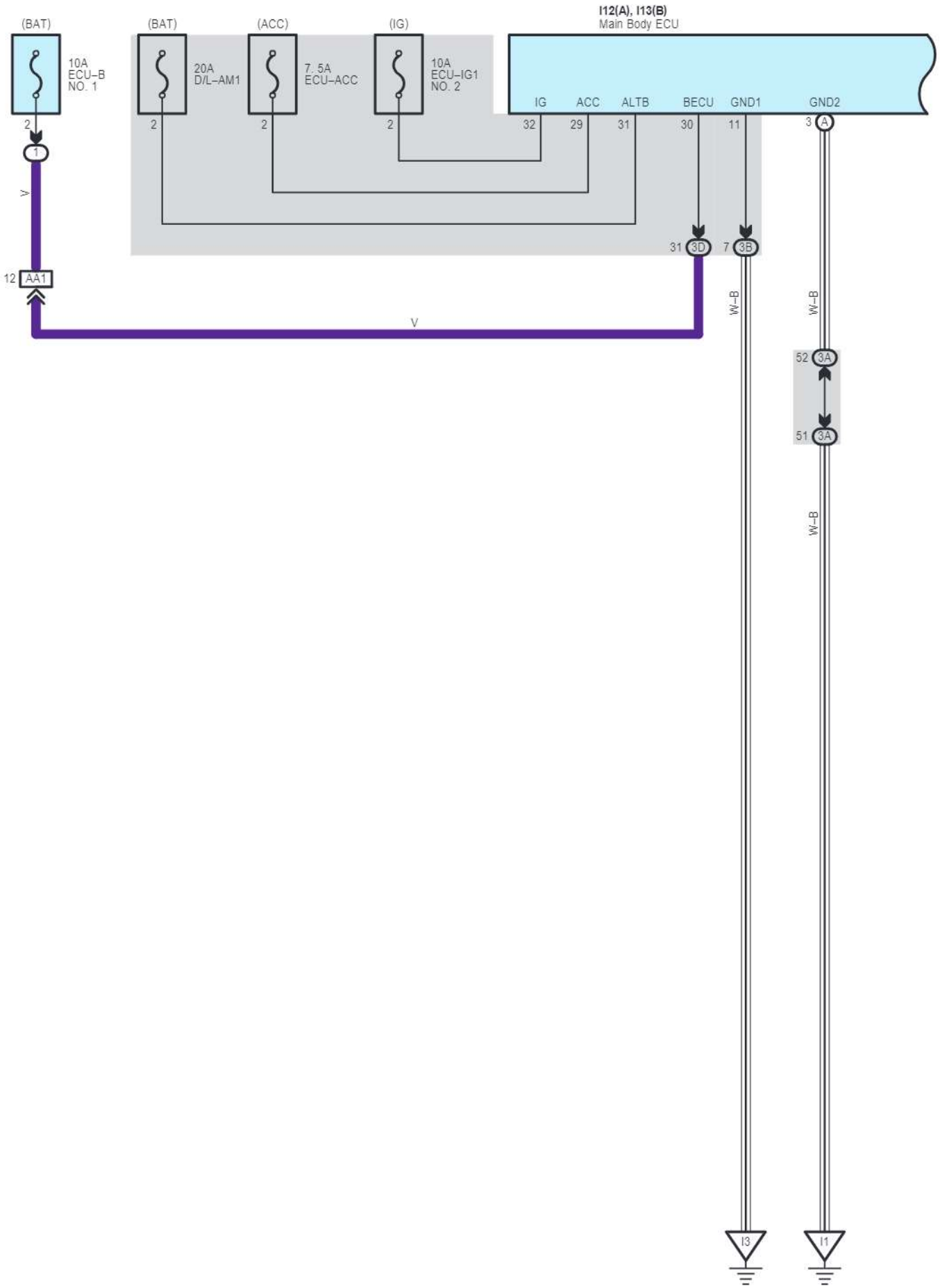


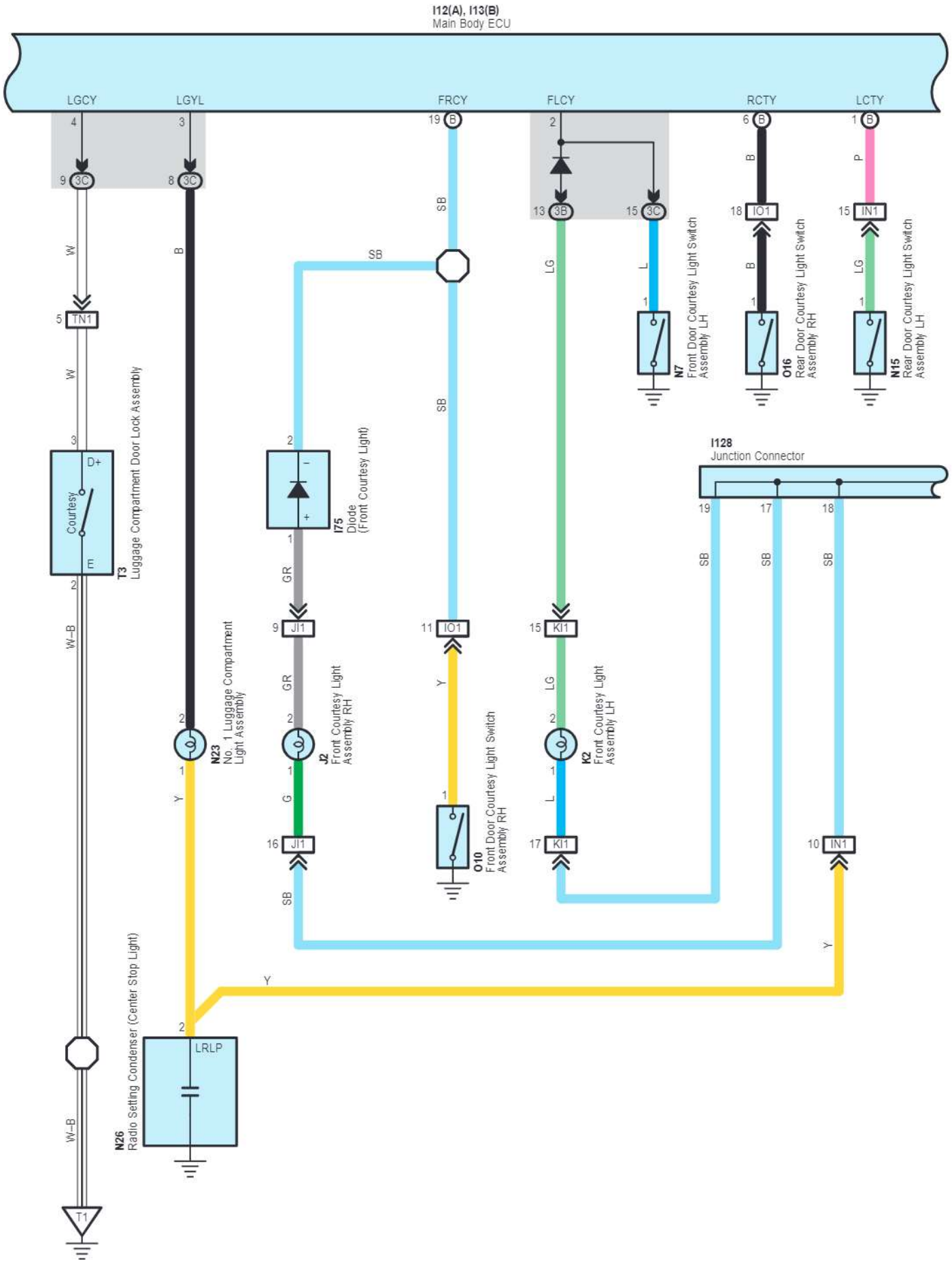
NI1
White

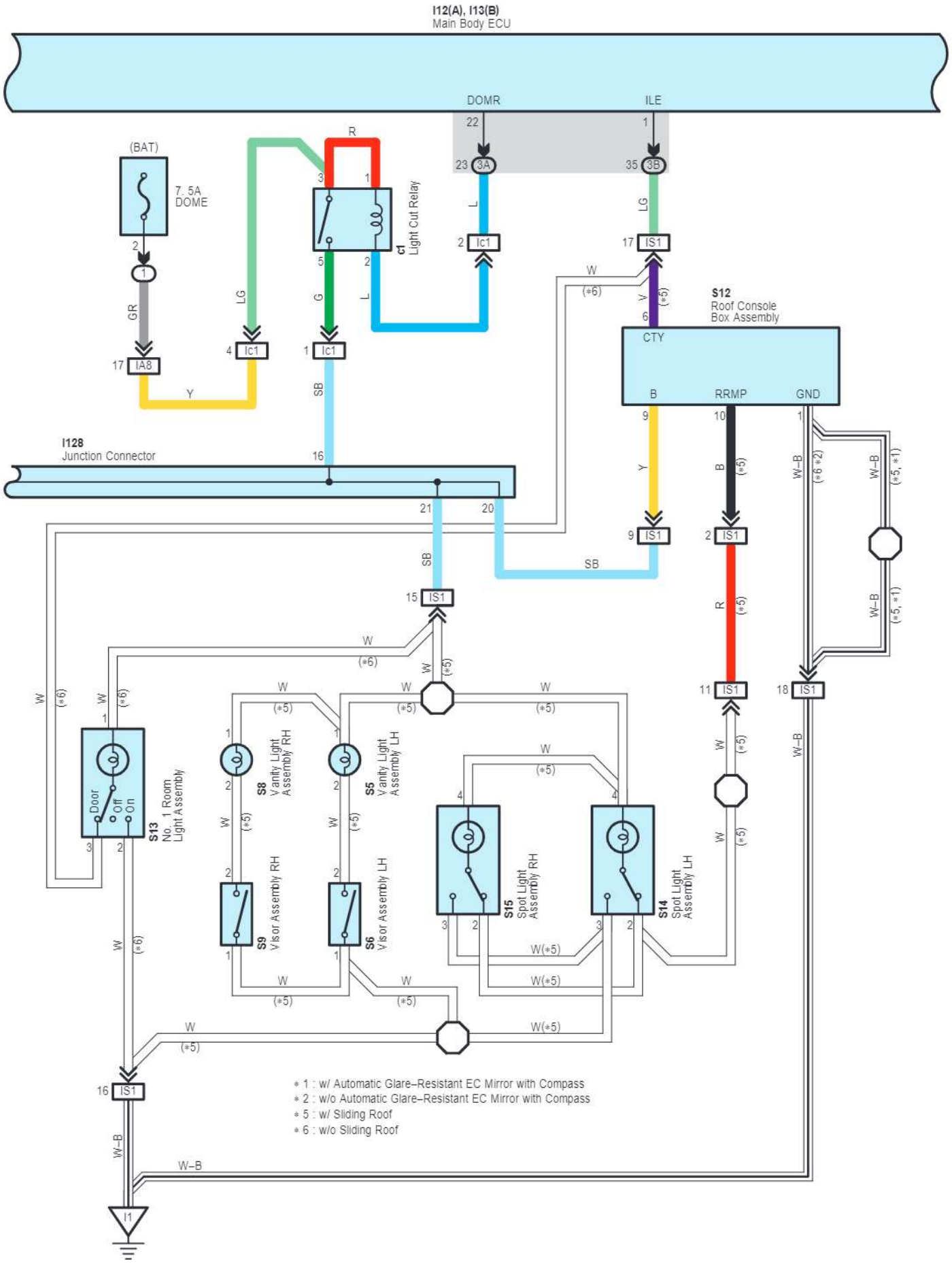


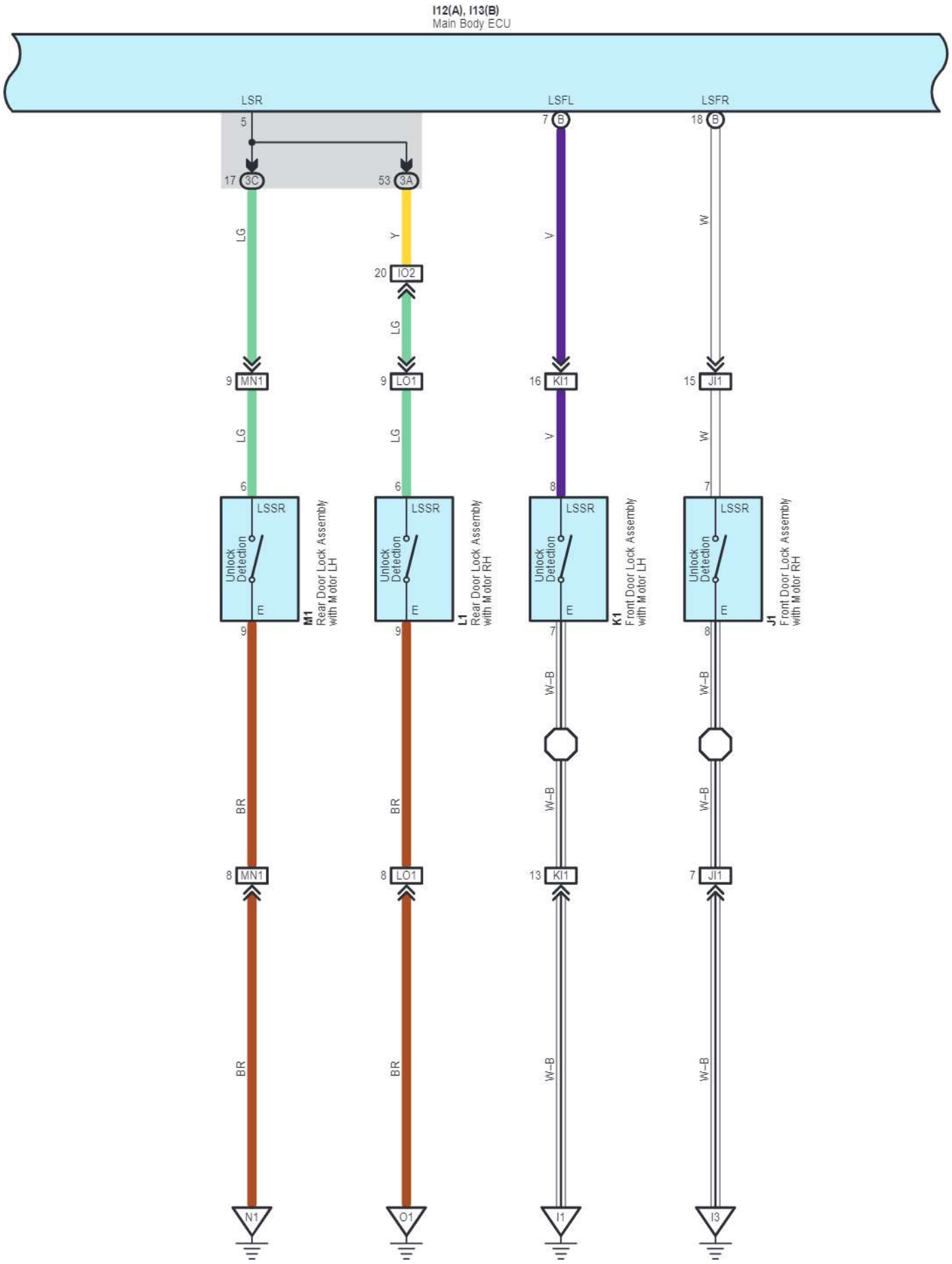

Nr1
White
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5
QA1
Black
1
1
QO1
White
1
1

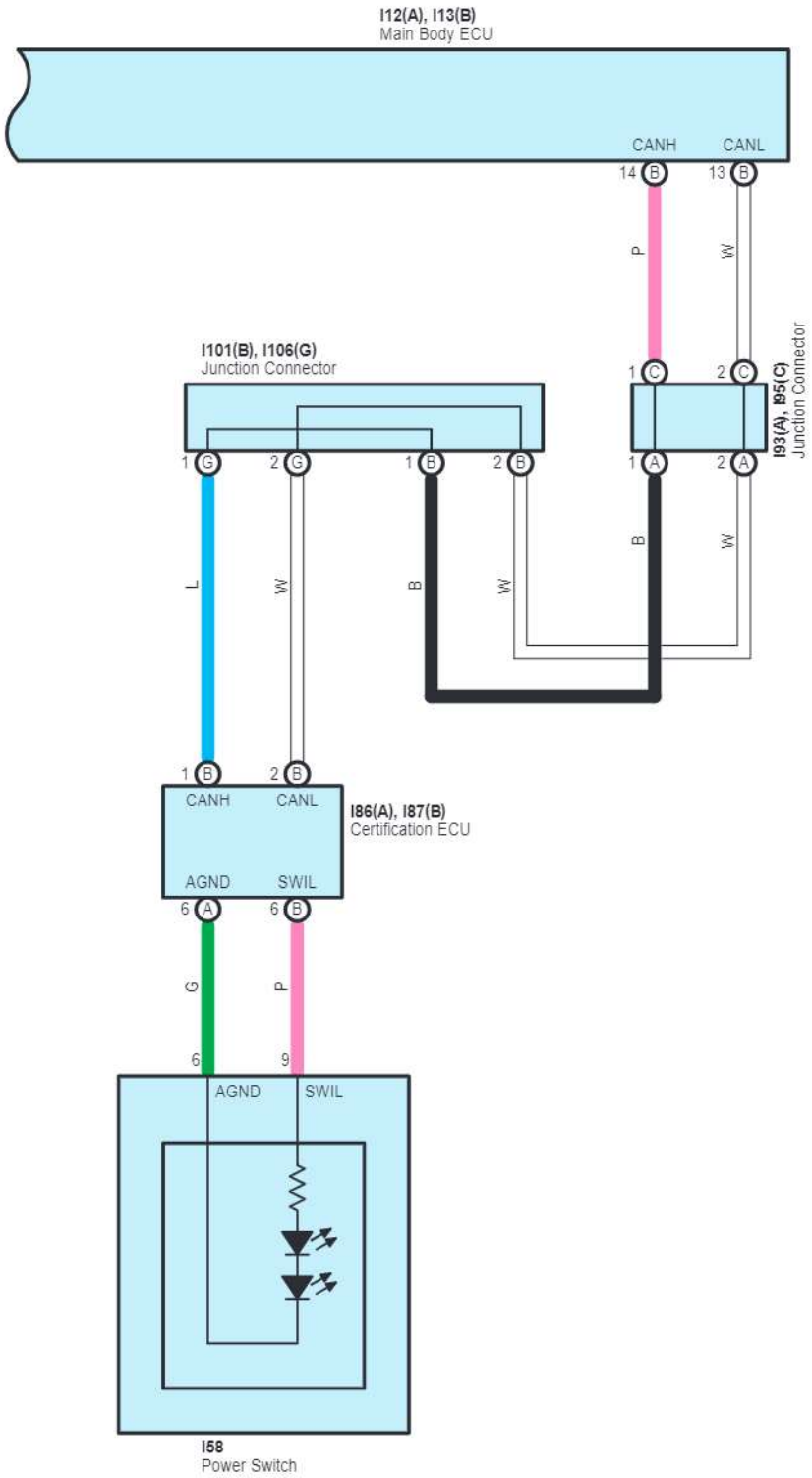
TN1
White
1 2 3 4 5 6
7 8 9 10 11 12
6 5 4 3 2 1
12 11 10 9 8 7


(BAT)
10A
ECU–B
NO. 1
2
1
V
12 AA1
(BAT)
20A
D/L–AM1
2
(ACC)
7. 5A
ECU–ACC
2
(IG)
10A
ECU–IG1
NO. 2
2
I12(A), I13(B)
Main Body ECU
IG
ACC
ALTB
BECU
GND1
GND2
32
29
31
30
11
3 A
31 3D
7 3B
V
W–B
W–B
52 3A
51 3A
W–B
I3
I1

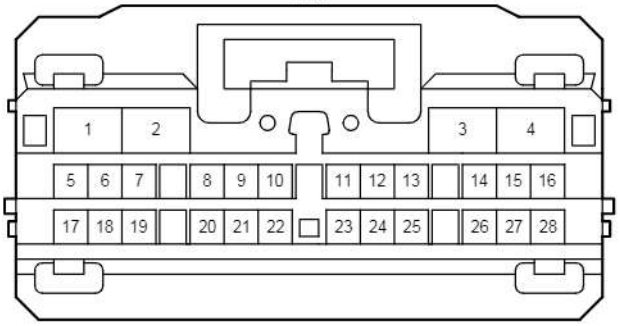

I12(A), I13(B)
Main Body ECU
LGCY
LGYL
FRCY
FLCY
RCTY
LCTY
T3
Luggage Compartment Door Lock Assembly
Courtesy
D+
E
TN1
W-B
N23
No. 1 Luggage Compartment Light Assembly
I75
Diode (Front Courtesy Light)
J2
Front Courtesy Light Assembly RH
JI1
IO1
O10
Front Door Courtesy Light Switch Assembly RH
KI1
K2
Front Courtesy Light Assembly LH
N7
Front Door Courtesy Light Switch Assembly LH
O16
Rear Door Courtesy Light Switch Assembly RH
IO1
N15
Rear Door Courtesy Light Switch Assembly LH
IN1
I128
Junction Connector
N26
Radio Setting Condenser (Center Stop Light)
LRLP
T1


I12(A), I13(B)
Main Body ECU
DOMR
ILE
(BAT)
7. 5A
DOME
C1
Light Cut Relay
S12
Roof Console
Box Assembly
CTY
B
RRMP
GND
I128
Junction Connector
S13
No. 1 Room
Light Assembly
Door
Off
On
S8
Vanity Light
Assembly RH
S5
Vanity Light
Assembly LH
S9
Visor Assembly RH
S6
Visor Assembly LH
S15
Spot Light
Assembly RH
S14
Spot Light
Assembly LH
I1
* 1 : w/ Automatic Glare–Resistant EC Mirror with Compass
* 2 : w/o Automatic Glare–Resistant EC Mirror with Compass
* 5 : w/ Sliding Roof
* 6 : w/o Sliding Roof

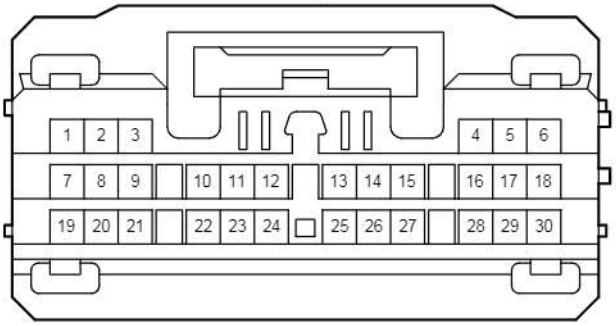

I12(A), I13(B)
Main Body ECU
LSR
LSFL
LSFR
5
17 3C
53 3A
7 B
18 B
LG
Y
V
W
20 IO2
LG
9 MN1
9 LO1
16 KI1
15 JI1
LG
LG
V
W
6
6
8
7
LSSR
Unlock Detection
E
M1
Rear Door Lock Assembly with Motor LH
L1
Rear Door Lock Assembly with Motor RH
K1
Front Door Lock Assembly with Motor LH
J1
Front Door Lock Assembly with Motor RH
9
9
7
8
W-B
W-B
W-B
BR
BR
8 MN1
8 LO1
13 KI1
7 JI1
BR
BR
W-B
W-B
N1
O1
I1
I3


I12(A), I13(B)
Main Body ECU
CANH
CANL
14 B
13 B
P
W
I101(B), I106(G)
Junction Connector
1 C
2 C
I93(A), I95(C)
Junction Connector
1 G
2 G
1 B
2 B
1 A
2 A
L
W
B
W
B
W
1 B
2 B
CANH
CANL
I86(A), I87(B)
Certification ECU
AGND
SWIL
6 A
6 B
G
P
6
9
AGND
SWIL
I58
Power Switch

I 12
White



I 13
White



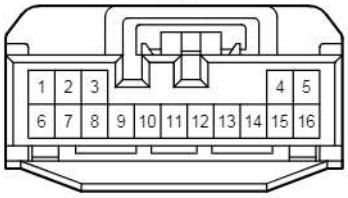
I 58
Black



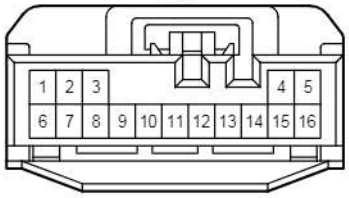
I 75
Black



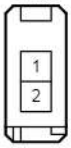
I 86
White



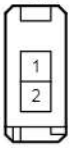
I 87
White



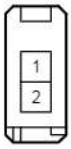
I 93
White



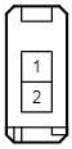
I 95
White



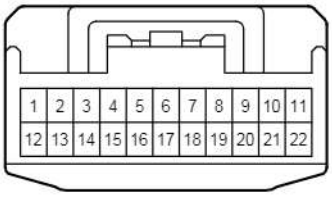
I101
White



I106
White



I128
White



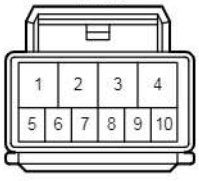
J 1
White



J 2
White



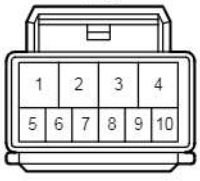
K 1
White



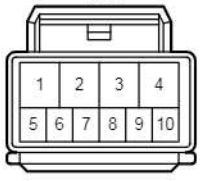
K 2
White



L 1
White



M 1
White



N 7
Black



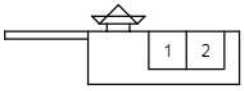
N 15
Black



N 23
Gray



N 26
Black



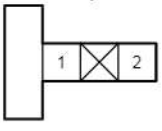
O 10
Black



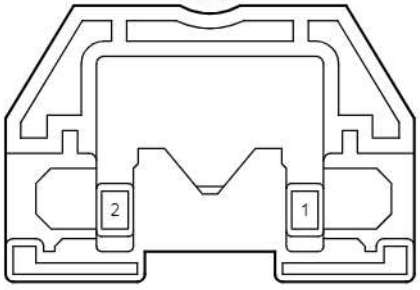
O 16
Black



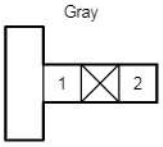
S 5
Gray



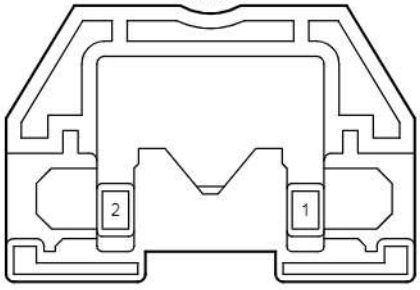
S 6
White



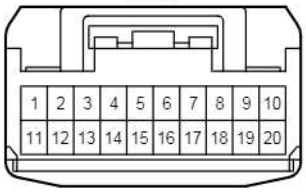
S 8
Gray



S 9
White



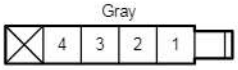
S 12
Black



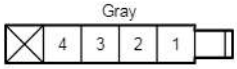
S 13
Gray



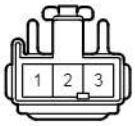
S 14
Gray



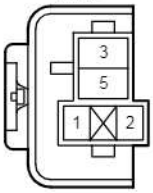
S 15
Gray



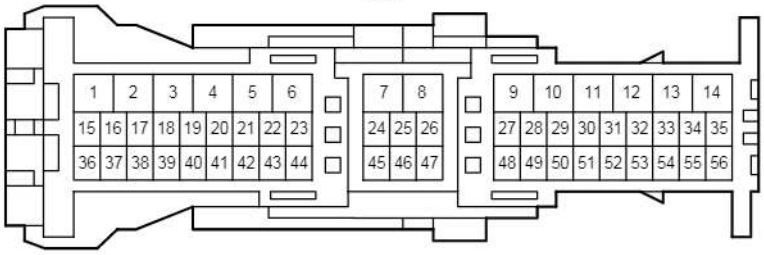
T 3
Black



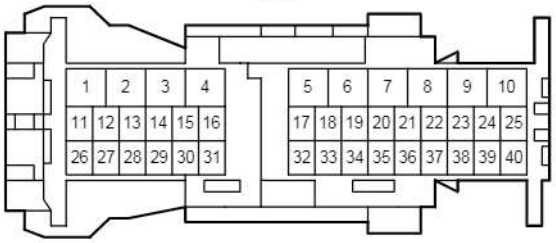
c 1
White



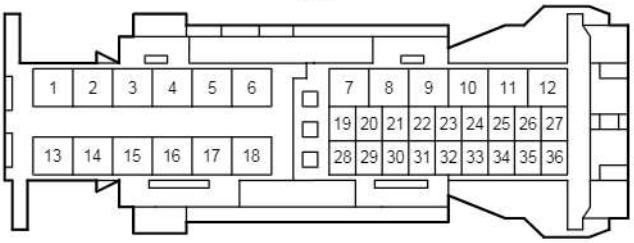
3A
White



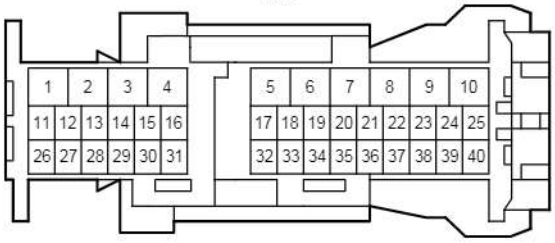
3B
White



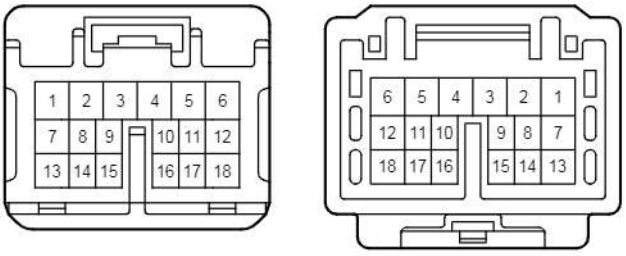
3C
White



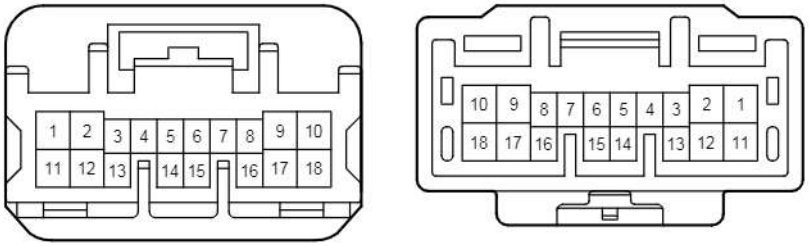
3D
White



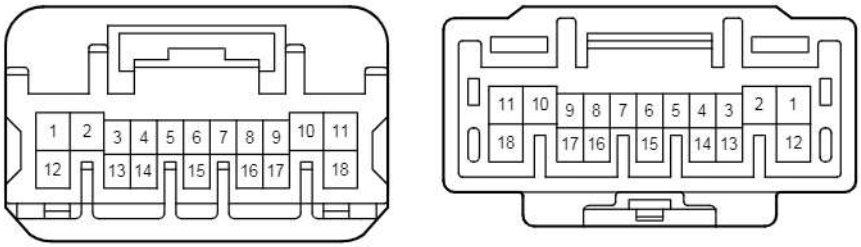
AA1
Blue



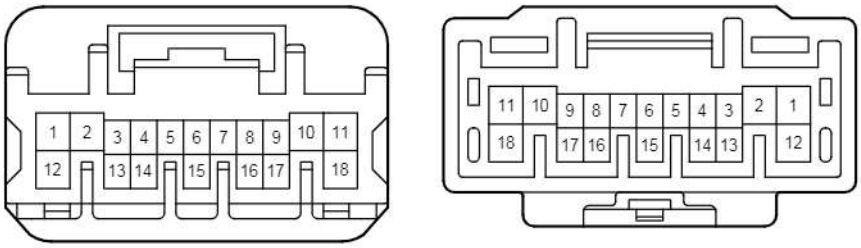
IA8
Gray



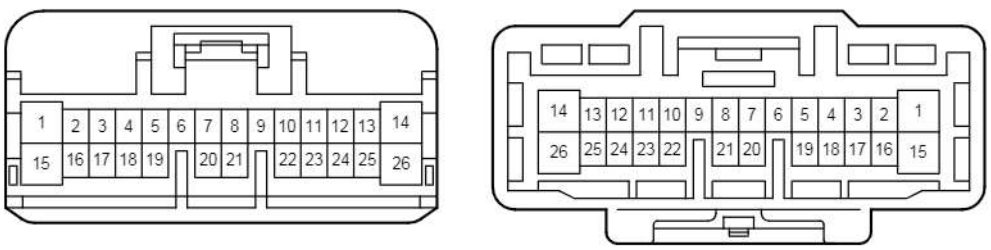
IN1
White



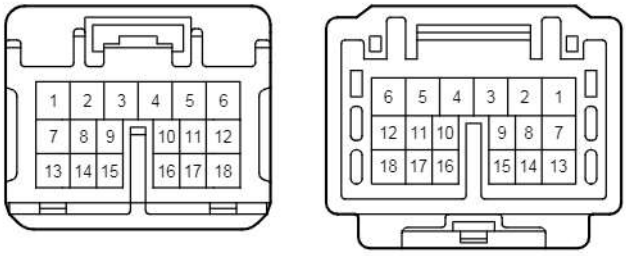
IO1
White



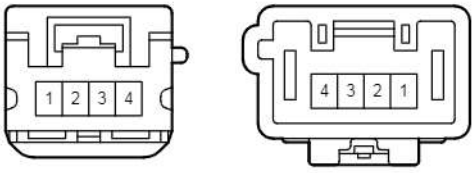
IO2
White



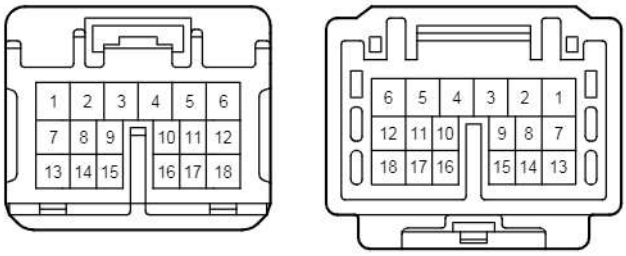
IS1
White



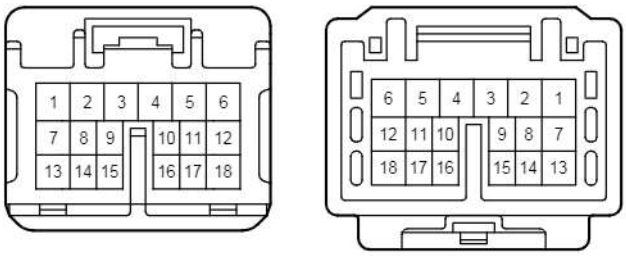
Ic1
White



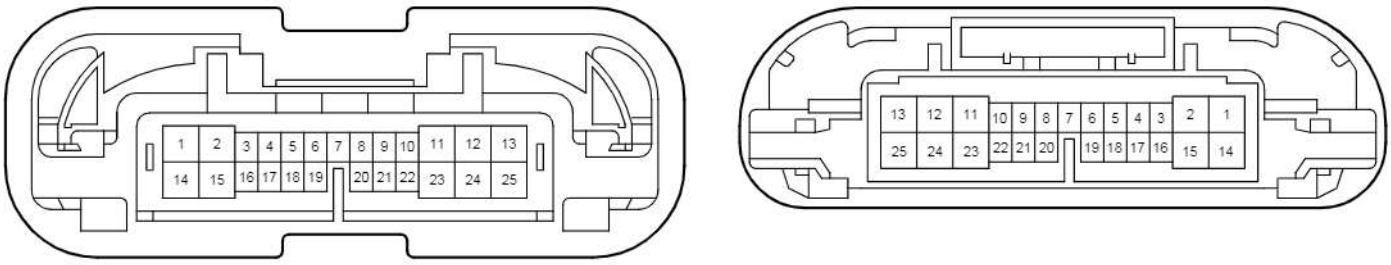
JI1
Gray

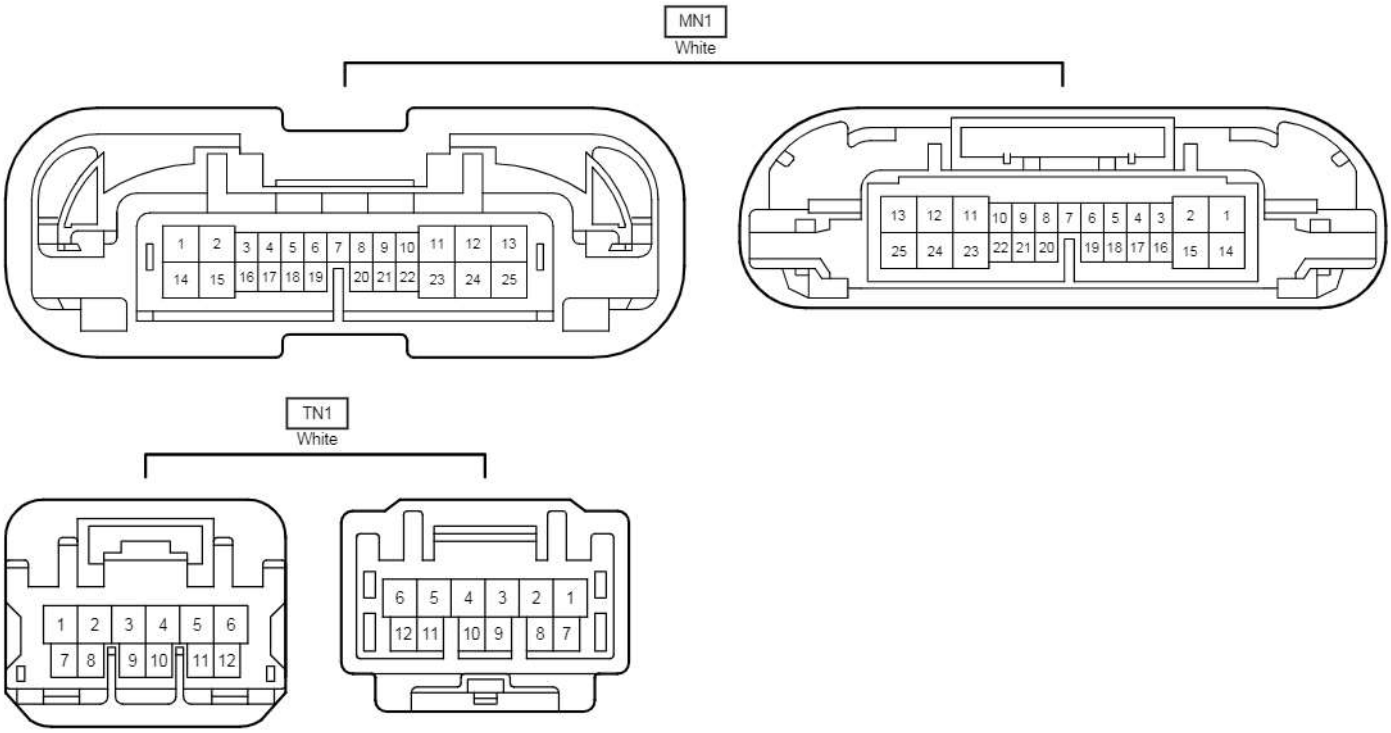


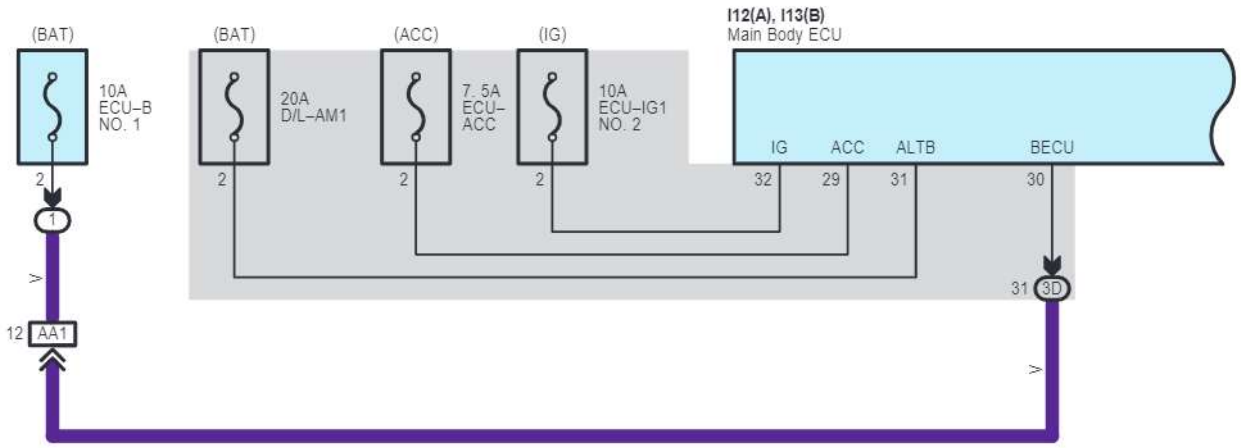
KI1
White

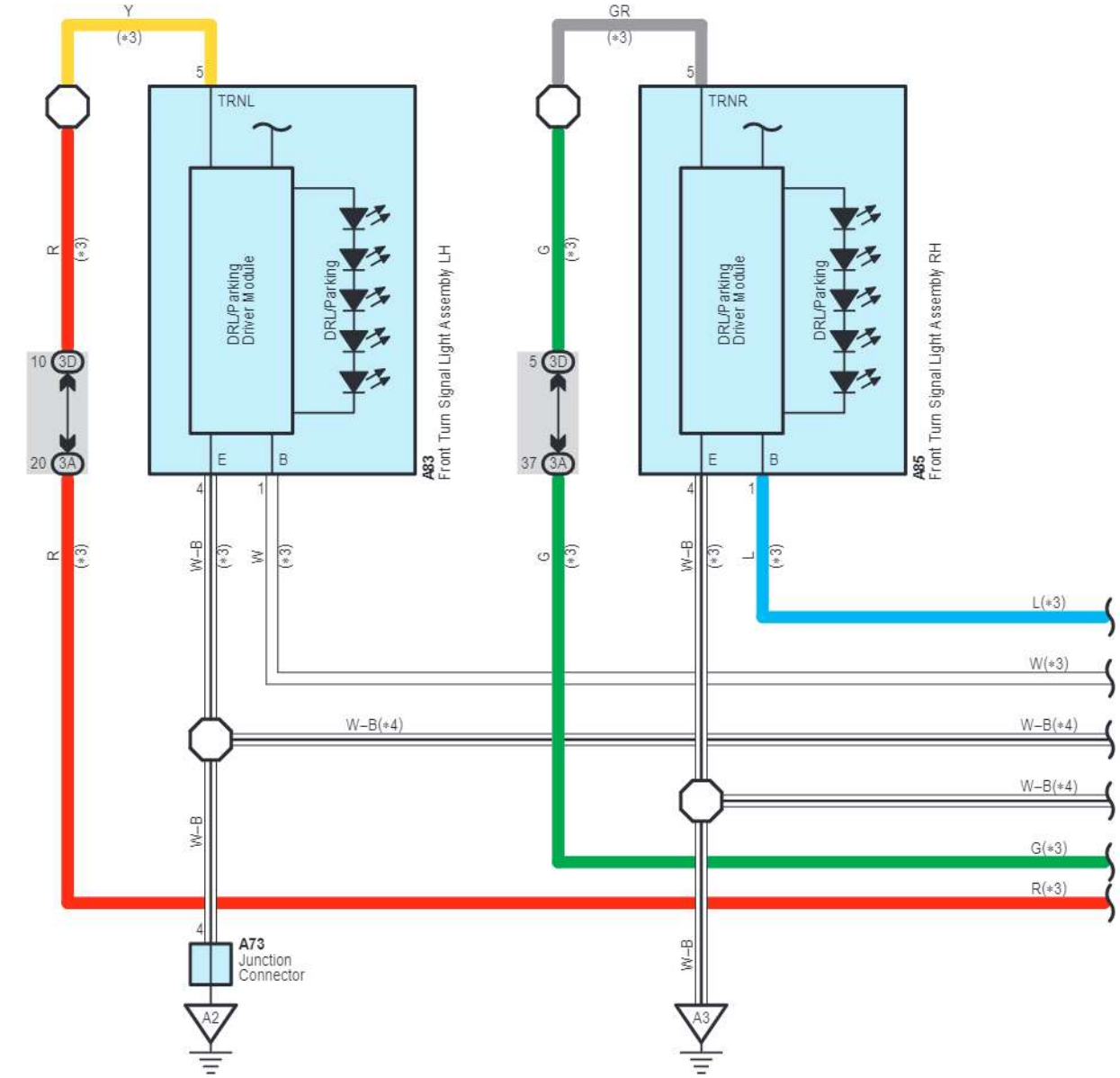


LO1
White



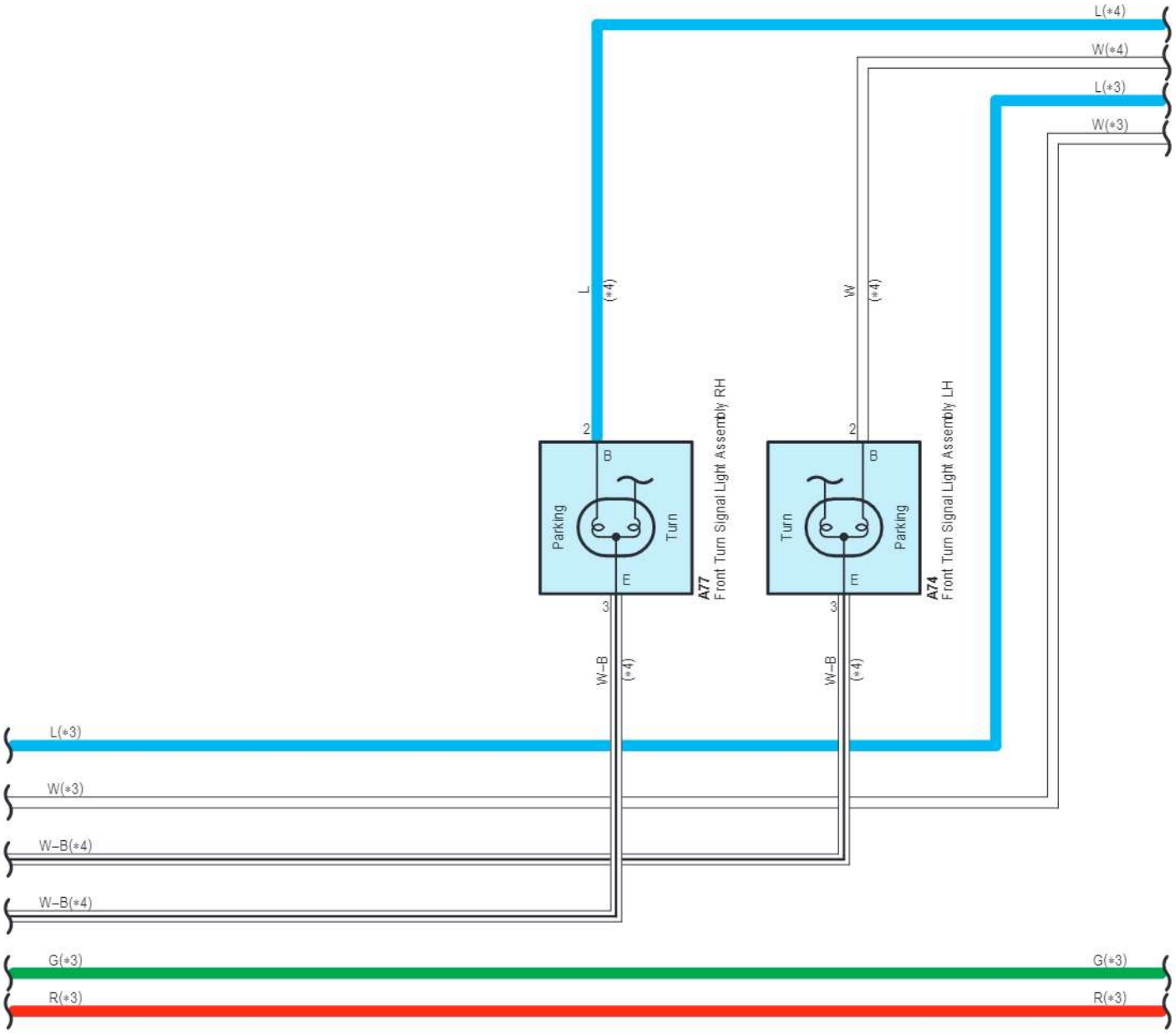

MN1
White
1 2 3 4 5 6 7 8 9 10 11 12 13
14 15 16 17 18 19 20 21 22 23 24 25
13 12 11 10 9 8 7 6 5 4 3 2 1
25 24 23 22 21 20 19 18 17 16 15 14
TN1
White
1 2 3 4 5 6
7 8 9 10 11 12
6 5 4 3 2 1
12 11 10 9 8 7

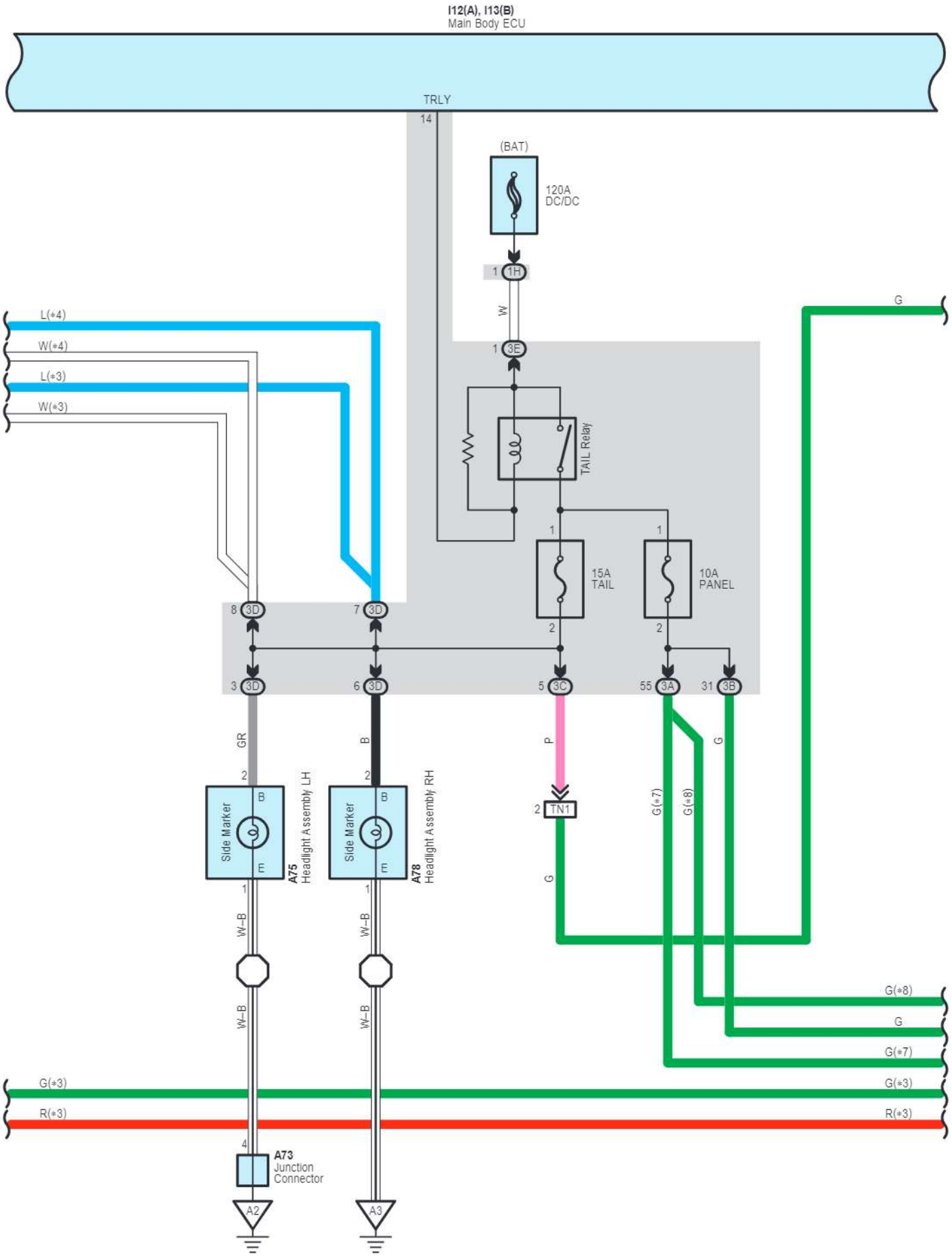

(BAT)
(BAT)
(ACC)
(IG)
I12(A), I13(B)
Main Body ECU
10A
ECU–B
NO. 1
20A
D/L–AM1
7. 5A
ECU–
ACC
10A
ECU–IG1
NO. 2
IG
ACC
ALTB
BECU
2
1
V
12
AA1
32
29
31
30
31
3D
V


Y
(*3)
GR
(*3)
TRNL
TRNR
DRL/Parking
Driver Module
DRL/Parking
A83
Front Turn Signal Light Assembly LH
A85
Front Turn Signal Light Assembly RH
R
G
L
W
W–B
10
3D
20
3A
5
37
E
B
L(*3)
W(*3)
W–B(*4)
G(*3)
R(*3)
A73
Junction
Connector
A2
A3

I12(A), I13(B)
Main Body ECU

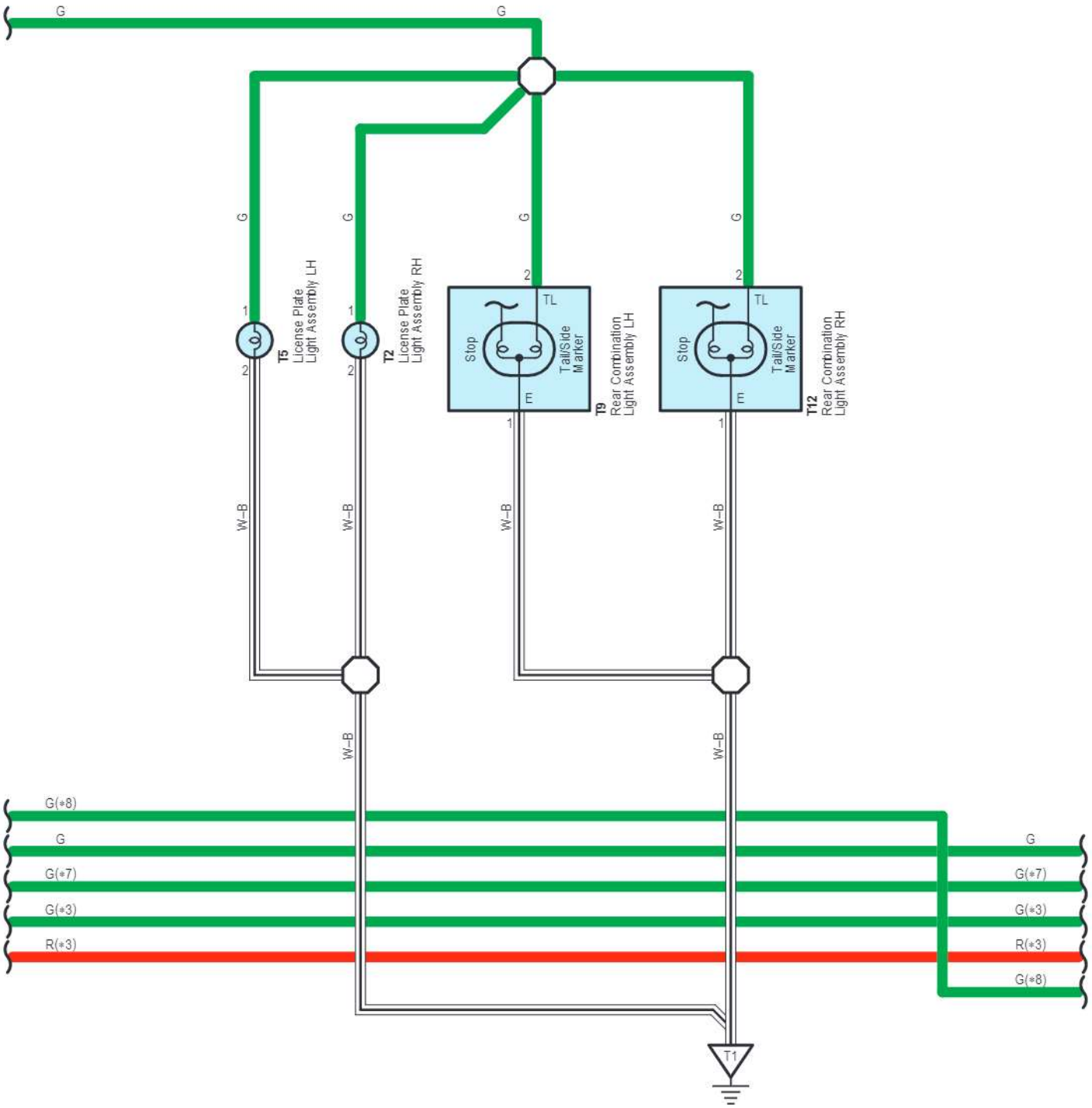
* 3 : w/ LED Daytime Running Light
* 4 : w/o LED Daytime Running Light

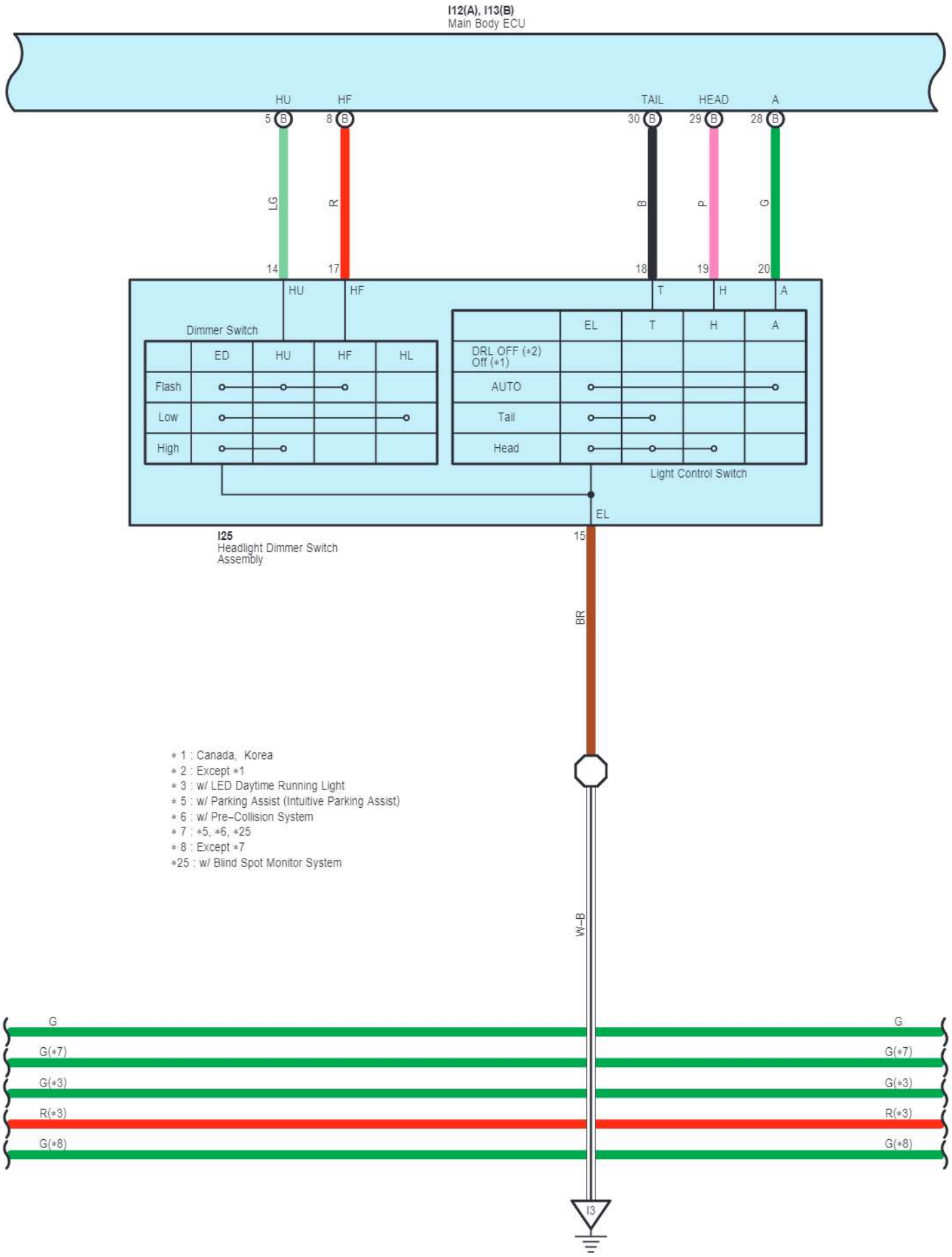


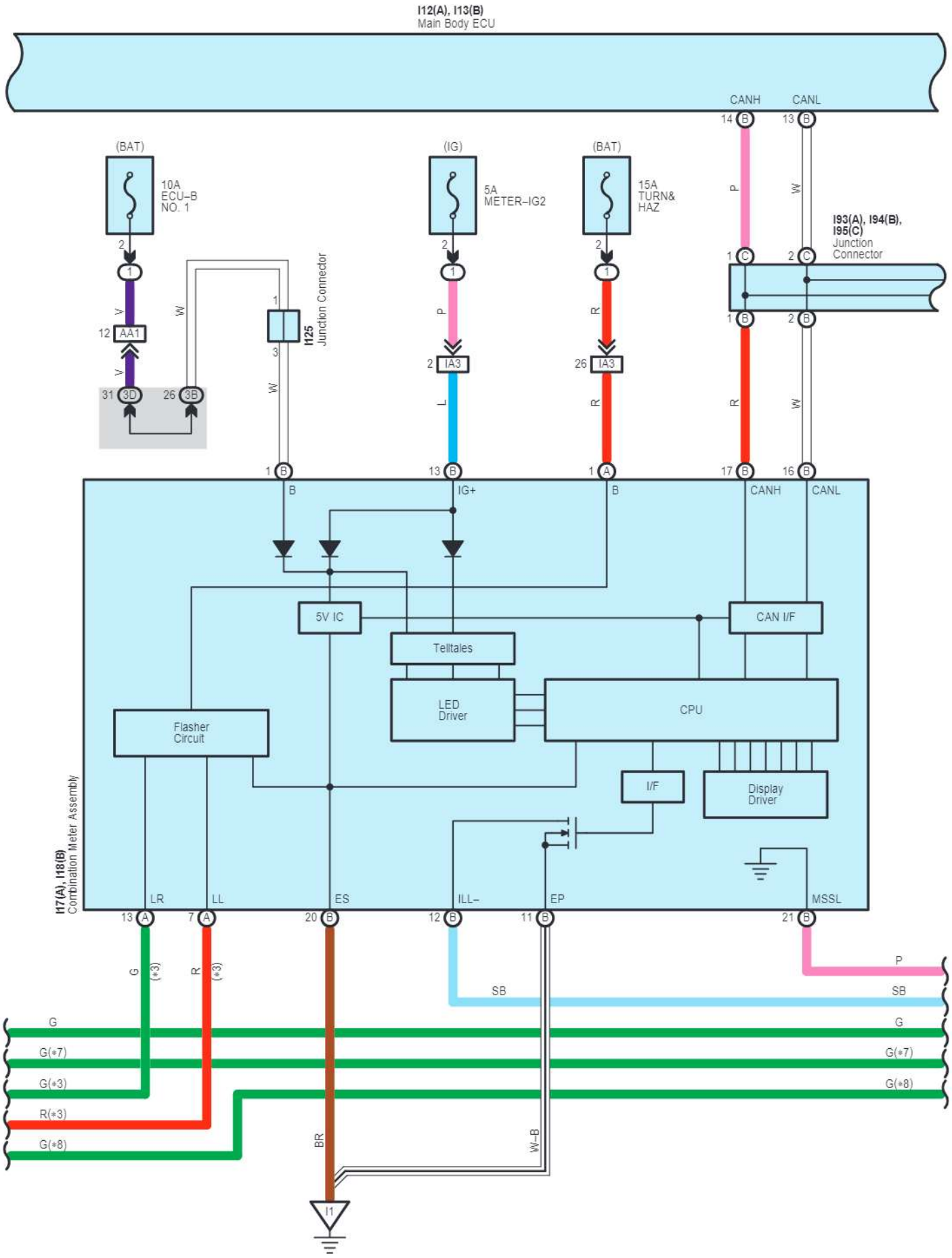

I12(A), I13(B)
Main Body ECU
TRLY
14
(BAT)
120A
DC/DC
1 1H
W
1 3E
TAIL Relay
15A
TAIL
10A
PANEL
L(*4)
W(*4)
L(*3)
W(*3)
G
8 3D
7 3D
3 3D
6 3D
5 3C
55 3A
31 3B
GR
B
P
G
G(*7)
G(*8)
2 TN1
Side Marker
B
E
A75
Headlight Assembly LH
A78
Headlight Assembly RH
W-B
G(*8)
G
G(*7)
G(*3)
R(*3)
4
A73
Junction
Connector
A2
A3

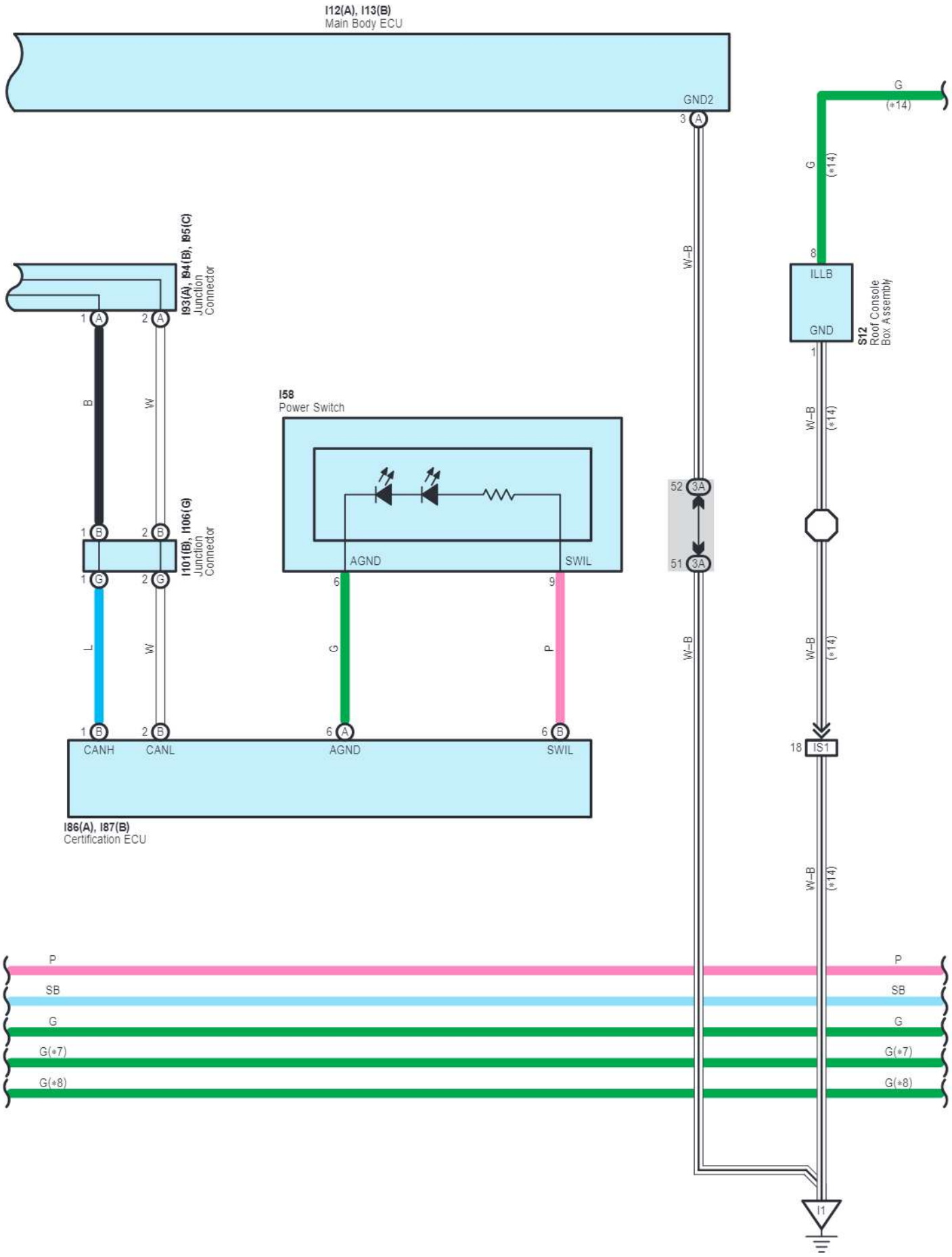
I12(A), I13(B)
Main Body ECU

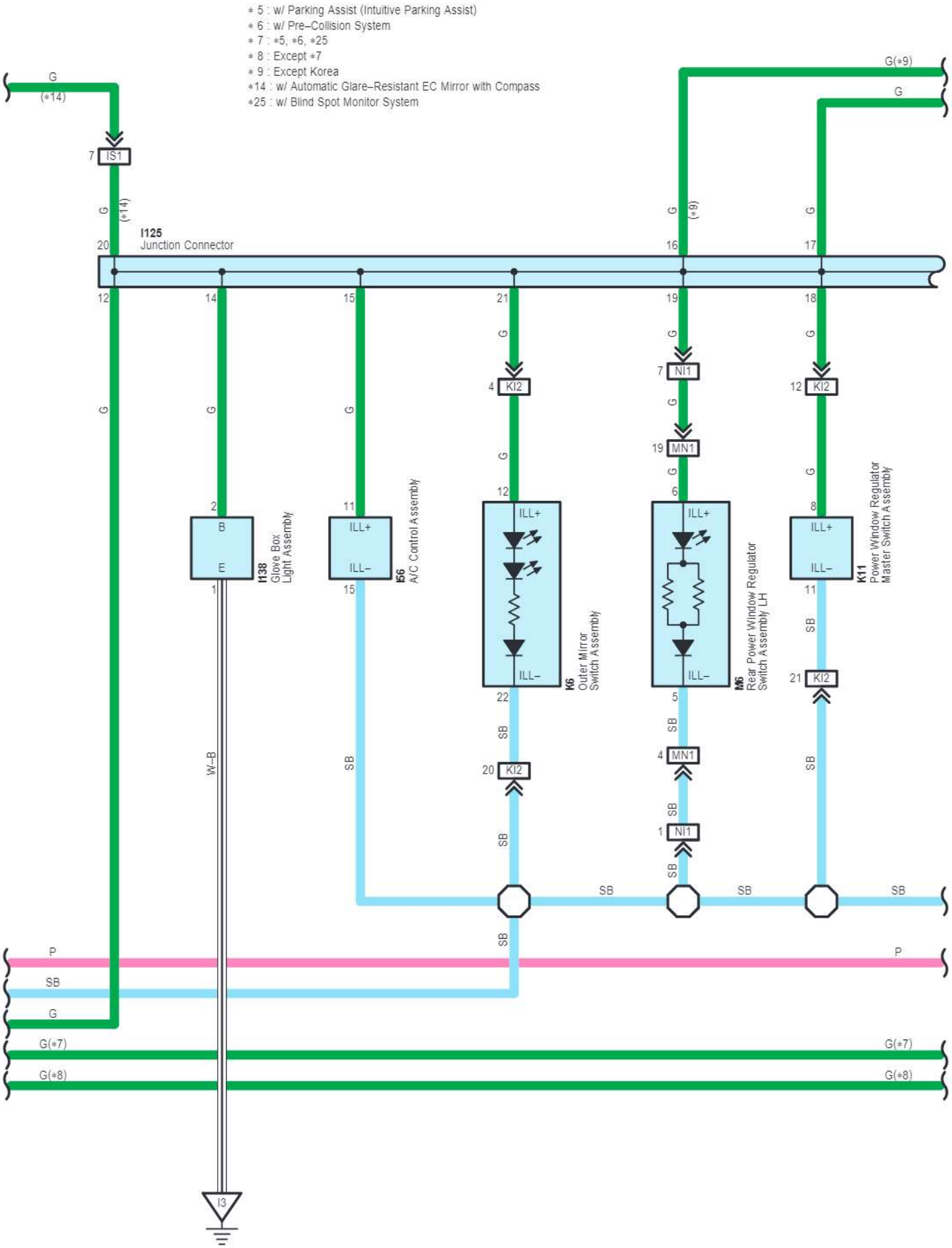
* 3 : w/ LED Daytime Running Light
* 4 : w/o LED Daytime Running Light
* 5 : w/ Parking Assist (Intuitive Parking Assist)
* 6 : w/ Pre–Collision System
* 7 : *5, *6, *25
* 8 : Except *7
*25 : w/ Blind Spot Monitor System

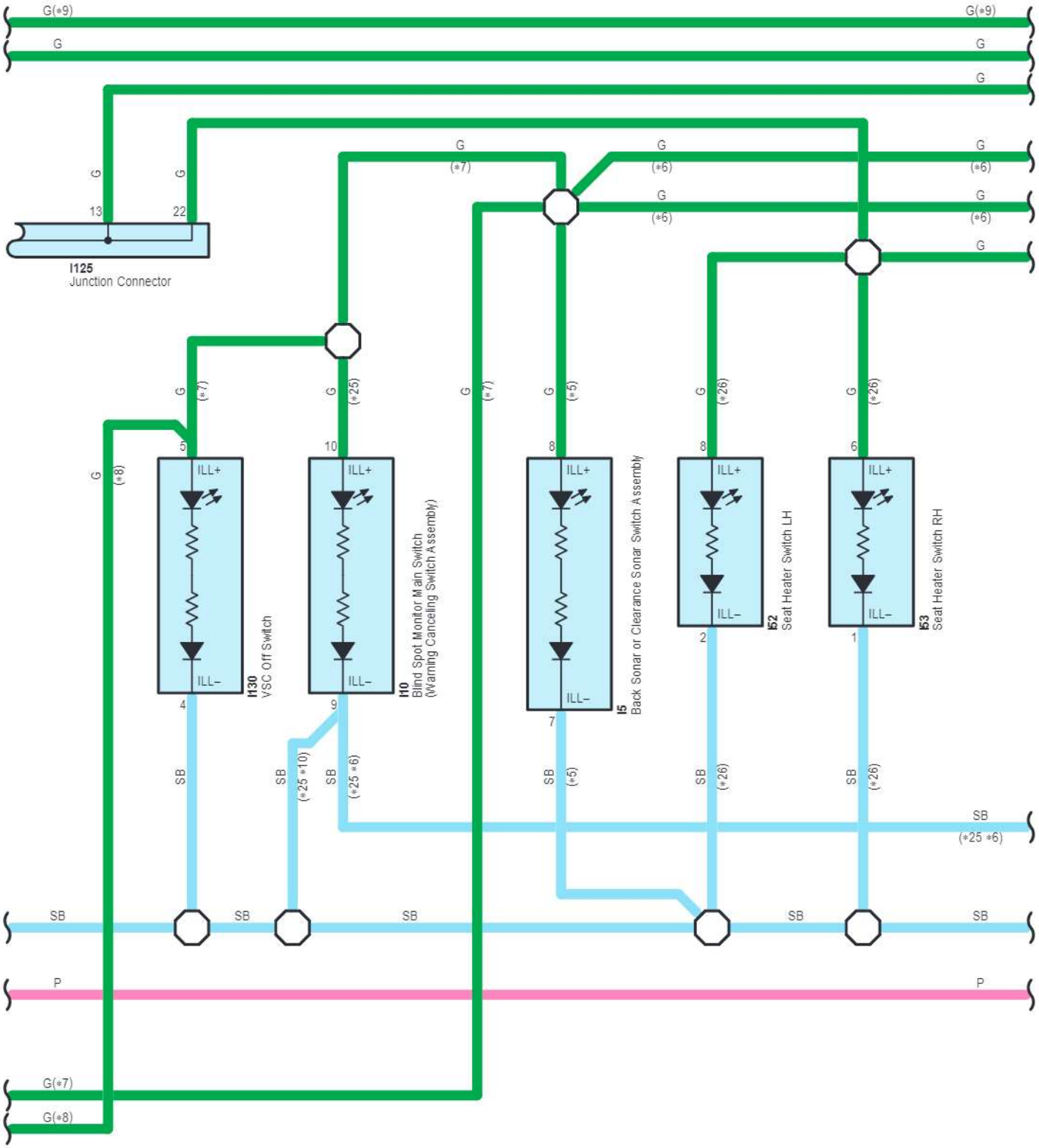


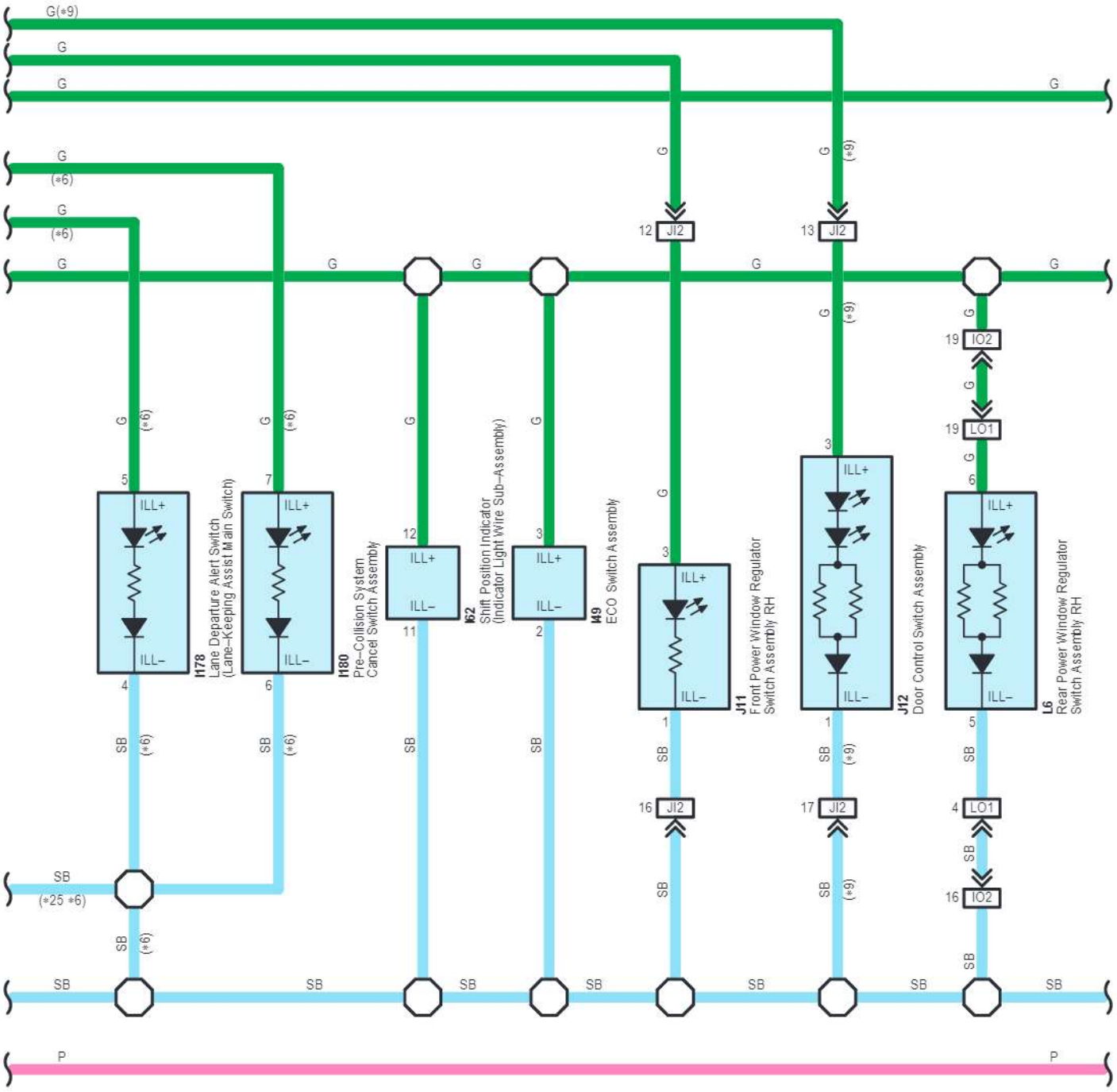

I12(A), I13(B)
Main Body ECU
HU
HF
TAIL
HEAD
A
5 B
8 B
30 B
29 B
28 B
LG
R
B
P
G
14
17
18
19
20
HU
HF
T
H
A
Dimmer Switch
ED
HU
HF
HL
Flash
Low
High
EL
T
H
A
DRL OFF (*2)
Off (*1)
AUTO
Tail
Head
Light Control Switch
EL
I25
Headlight Dimmer Switch
Assembly
15
BR
* 1 : Canada, Korea
* 2 : Except *1
* 3 : w/ LED Daytime Running Light
* 5 : w/ Parking Assist (Intuitive Parking Assist)
* 6 : w/ Pre–Collision System
* 7 : *5, *6, *25
* 8 : Except *7
*25 : w/ Blind Spot Monitor System
W–B
G
G(*7)
G(*3)
R(*3)
G(*8)
G
G(*7)
G(*3)
R(*3)
G(*8)
I3


I12(A), I13(B)
Main Body ECU
CANH
CANL
(BAT)
10A
ECU–B
NO. 1
(IG)
5A
METER–IG2
(BAT)
15A
TURN&
HAZ
I93(A), I94(B),
I95(C)
Junction
Connector
I125
Junction Connector
B
IG+
B
CANH
CANL
5V IC
CAN I/F
Telltales
LED
Driver
CPU
Flasher
Circuit
I/F
Display
Driver
I17(A), I18(B)
Combination Meter Assembly
LR
LL
ES
ILL–
EP
MSSL
G
R
SB
P
G
G(*7)
G(*3)
R(*3)
G(*8)
BR
W–B
I1


I12(A), I13(B)
Main Body ECU
GND2
3 A
W–B
G
(*14)
8
ILLB
GND
S12
Roof Console
Box Assembly
1
W–B
(*14)
I93(A), I94(B), I95(C)
Junction
Connector
1 A
2 A
B
W
I58
Power Switch
AGND
SWIL
6
9
G
P
52 3A
51 3A
I101(B), I106(G)
Junction
Connector
1 B
2 B
1 G
2 G
L
W
1 B
2 B
6 A
6 B
CANH
CANL
AGND
SWIL
I86(A), I87(B)
Certification ECU
18 IS1
P
SB
G
G(*7)
G(*8)
I1

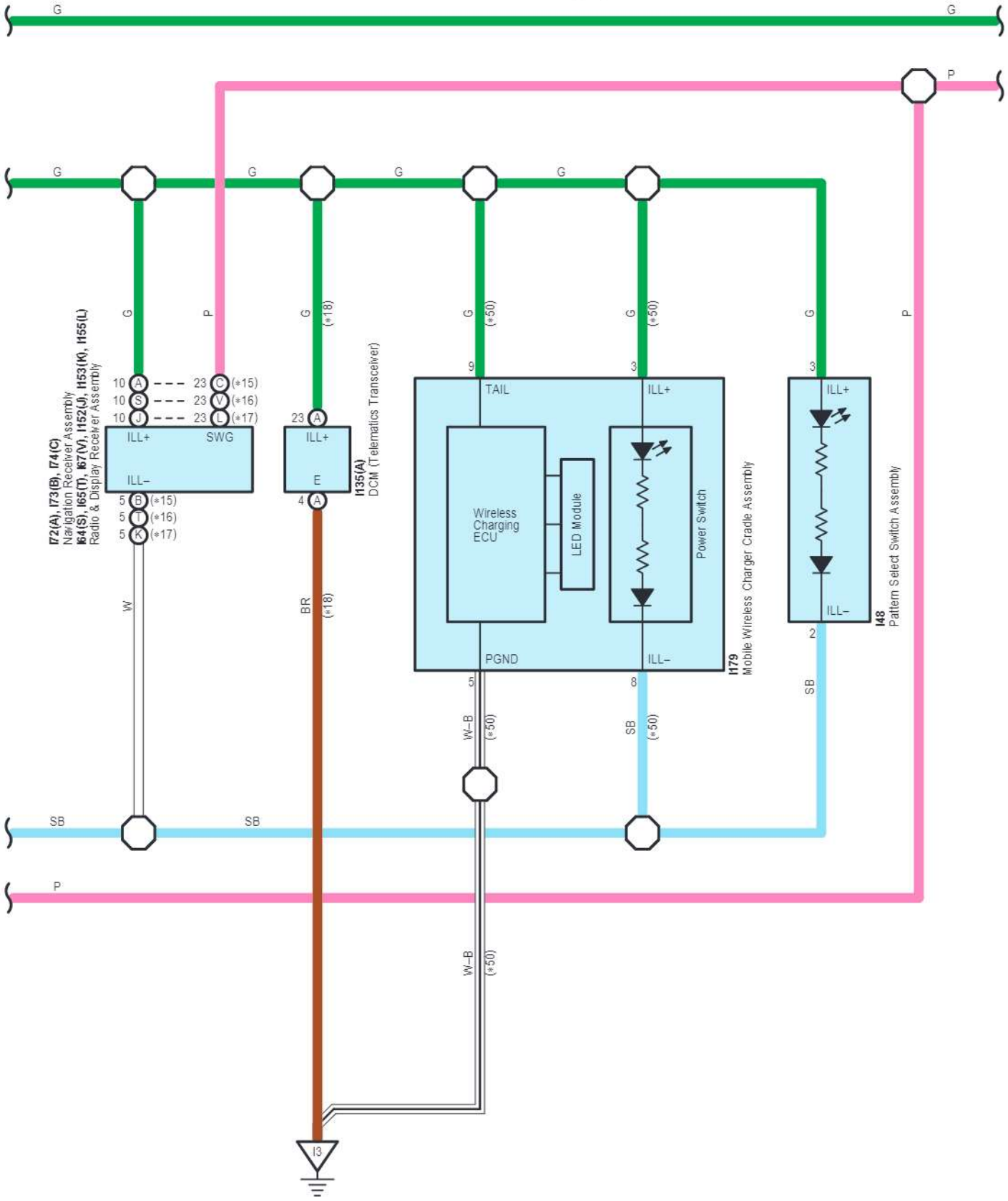

* 5 : w/ Parking Assist (Intuitive Parking Assist)
* 6 : w/ Pre–Collision System
* 7 : *5, *6, *25
* 8 : Except *7
* 9 : Except Korea
*14 : w/ Automatic Glare–Resistant EC Mirror with Compass
*25 : w/ Blind Spot Monitor System
I125
Junction Connector
I138
Glove Box
Light Assembly
I56
A/C Control Assembly
K6
Outer Mirror
Switch Assembly
M6
Rear Power Window Regulator
Switch Assembly LH
K11
Power Window Regulator
Master Switch Assembly
IS1
KI2
NI1
MN1
I3
ILL+
ILL–
G
SB
P
W–B

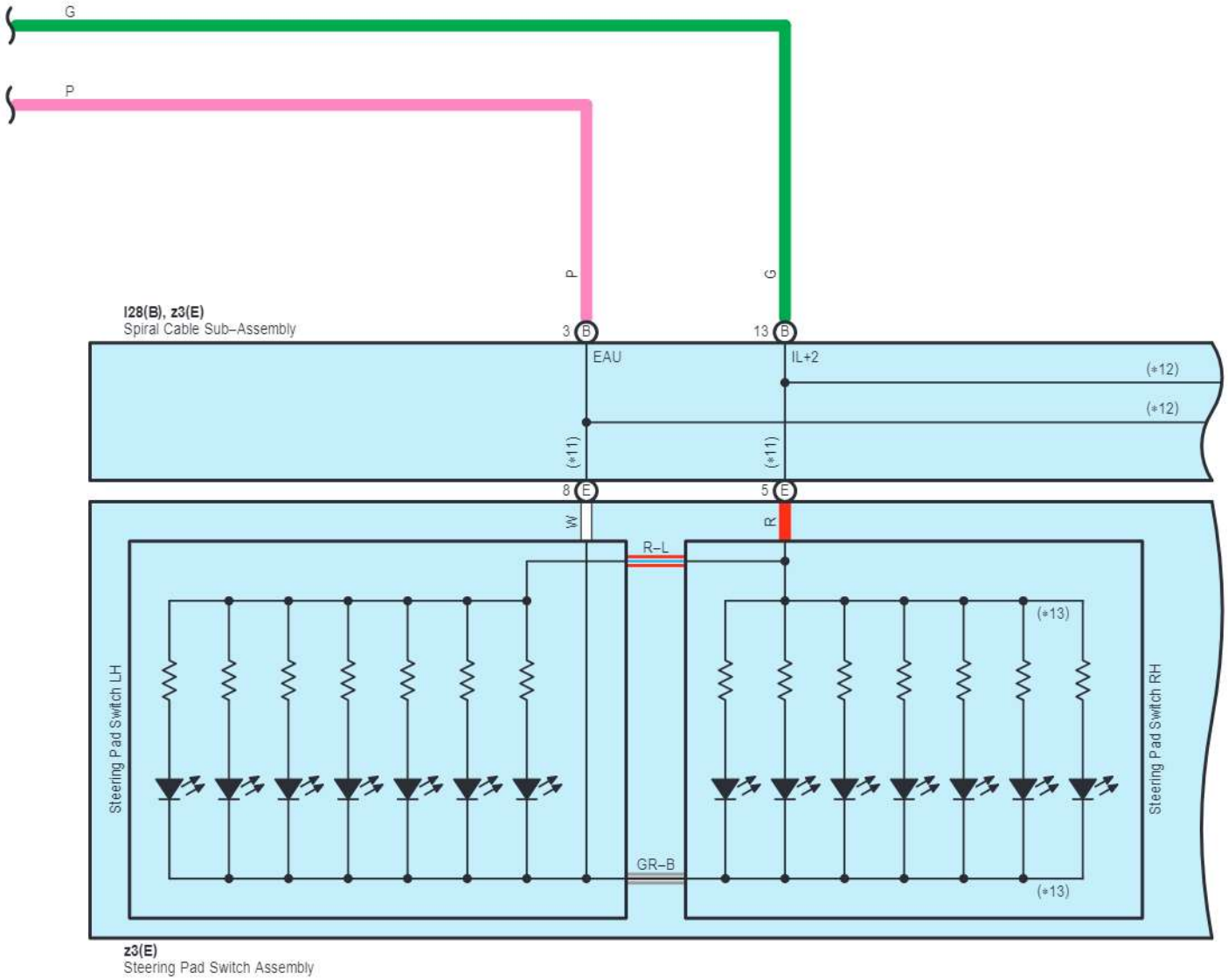

G(*9)
G
G(*9)
G
G
G
G
G
13
22
I125
Junction Connector
G
(*7)
G
(*6)
G
(*6)
G
(*6)
G
(*6)
G
G
(*7)
G
(*25)
G
(*7)
G
(*5)
G
(*26)
G
(*26)
5
10
8
8
6
G
(*8)
ILL+
ILL−
I130
VSC Off Switch
I10
Blind Spot Monitor Main Switch
(Warning Canceling Switch Assembly)
I5
Back Sonar or Clearance Sonar Switch Assembly
I52
Seat Heater Switch LH
I53
Seat Heater Switch RH
4
9
7
2
1
SB
SB
(*25 *10)
SB
(*25 *6)
SB
(*5)
SB
(*26)
SB
(*26)
SB
(*25 *6)
SB
SB
SB
SB
SB
P
P
G(*7)
G(*8)



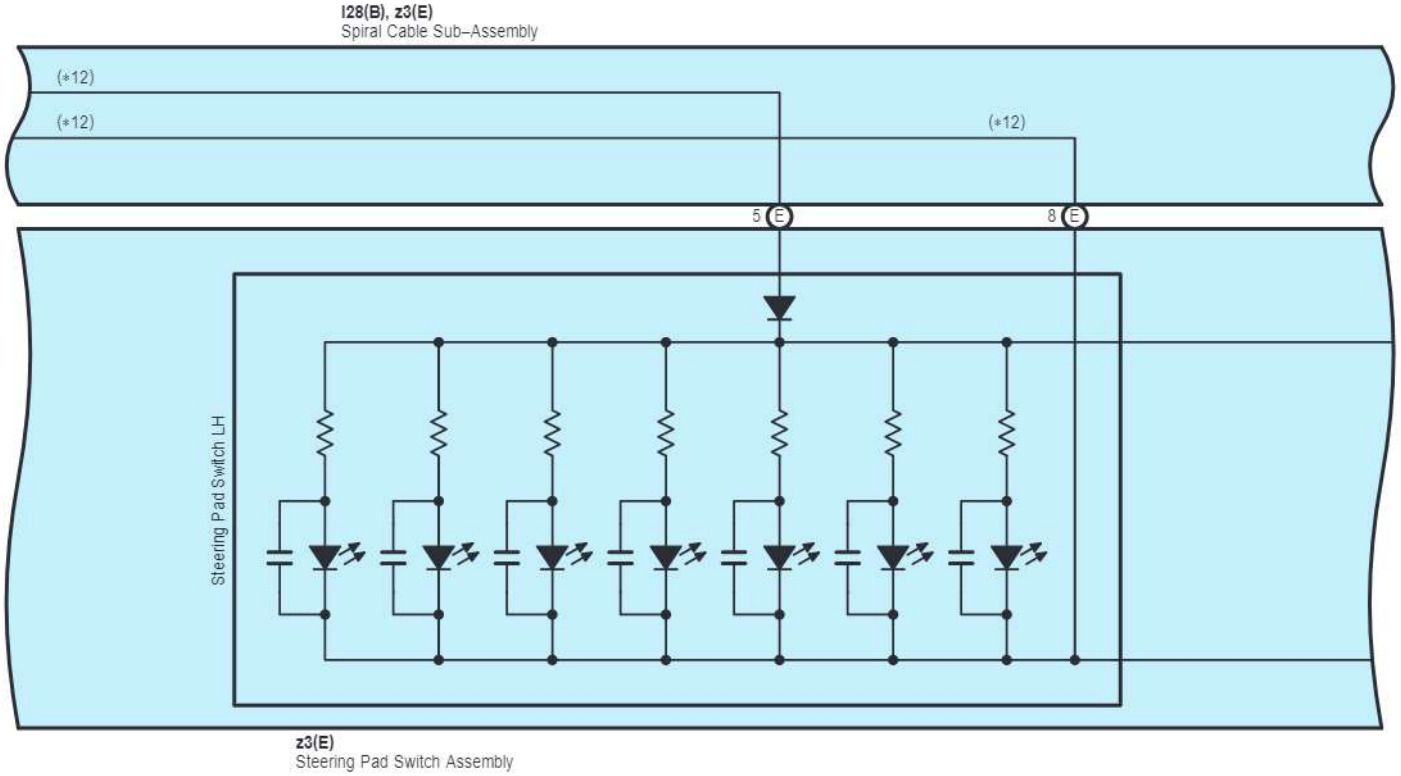
* 5 : w/ Parking Assist (Intuitive Parking Assist)
* 6 : w/ Pre–Collision System
* 7 : *5, *6, *25
* 8 : Except *7
* 9 : Except Korea
*10 : w/o Pre–Collision System
*25 : w/ Blind Spot Monitor System
*26 : w/ Seat Heater

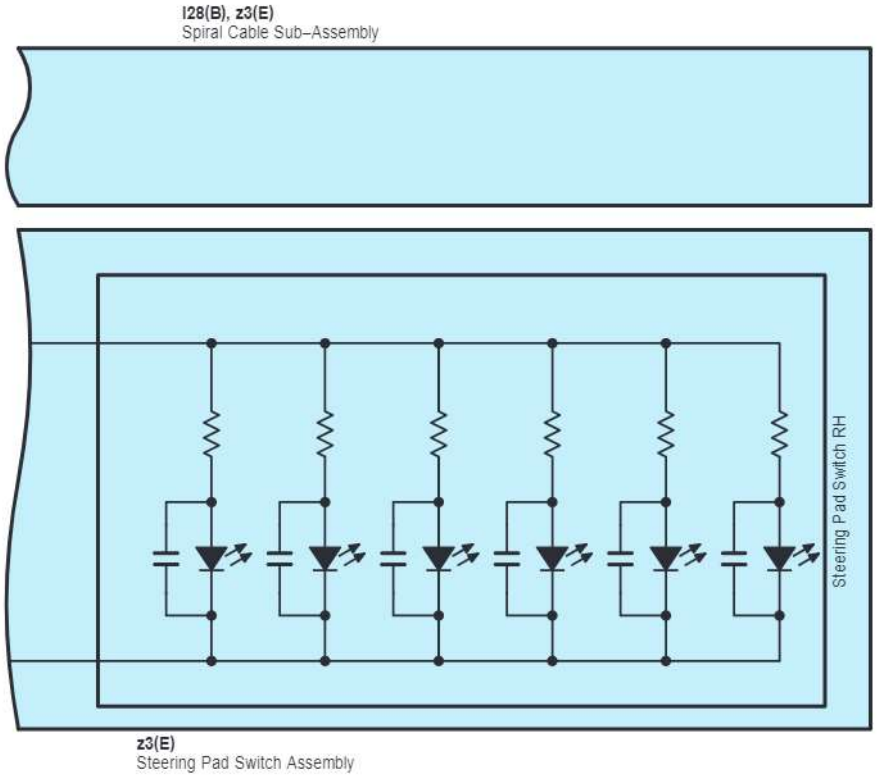
*11 : w/ Dynamic Radar Cruise Control,
w/o Dynamic Radar Cruise Control Urethane Type Steering Wheel
*12 : w/o Dynamic Radar Cruise Control Leather Type Steering Wheel
*13 : w/ Dynamic Radar Cruise Control
*15 : w/ Navigation Receiver Assembly
*16 : w/ Radio & Display Receiver Assembly Korea
*17 : w/ Radio & Display Receiver Assembly Except Korea
*18 : w/ Safety Connect
*50 : w/ Wireless Charger System




G
P
P
G
I28(B), z3(E)
Spiral Cable Sub–Assembly
3 B
13 B
EAU
IL+2
(*12)
(*12)
(*11)
(*11)
8 E
5 E
W
R
R–L
(*13)
Steering Pad Switch LH
Steering Pad Switch RH
GR–B
(*13)
z3(E)
Steering Pad Switch Assembly

∗12 : w/o Dynamic Radar Cruise Control Leather Type Steering Wheel

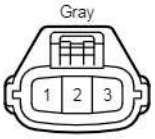



I28(B), z3(E)
Spiral Cable Sub–Assembly
Steering Pad Switch RH
z3(E)
Steering Pad Switch Assembly

A 73
Gray



A 74
Gray

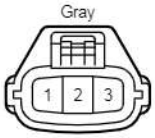


A 75
Black



(Front Side Marker Light)

A 77
Gray



A 78
Black



(Front Side Marker Light)

A 83
Black



A 85
Black



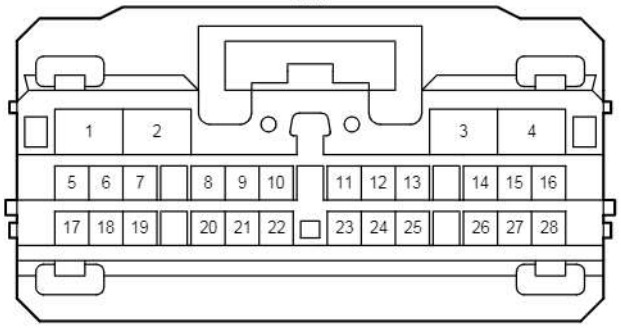
I 5
Black



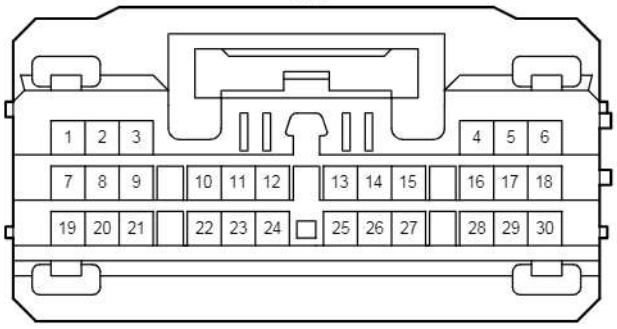
I 10
Black



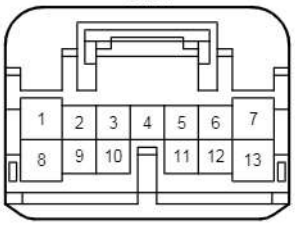
I 12
White



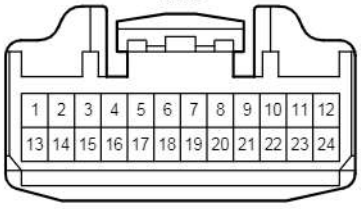
I 13
White



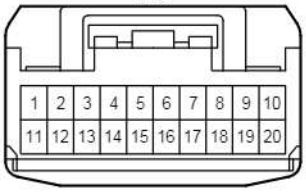
I 17
Black



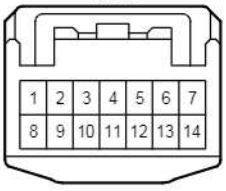
I 18
Black



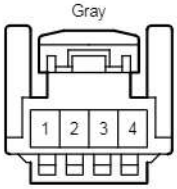
I 25
Black



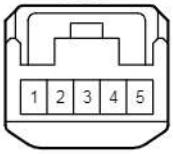
I 28
Black



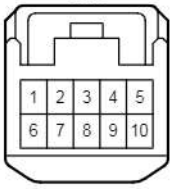
I 48
Gray



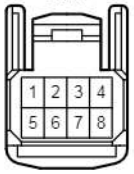
I 49
Black



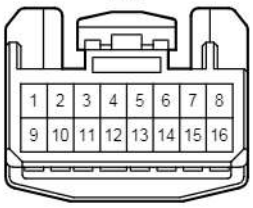
I 52
Black



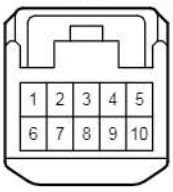
I 53
Black



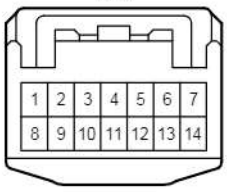
I 56
Black



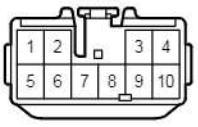
I 58
Black



I 62
White



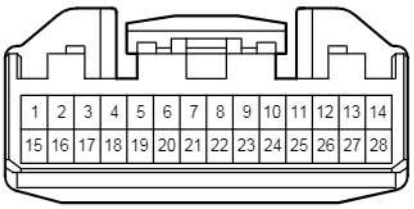
I 64
White



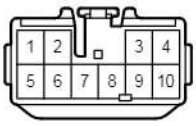
I 65
White



I 67
White



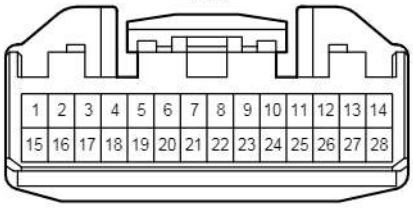
I 72
White



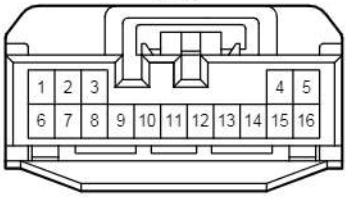
I 73
White



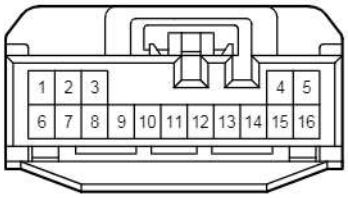
I 74
White



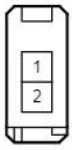
I 86
White



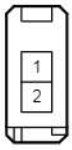
I 87
White



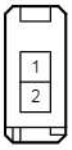
I 93
White



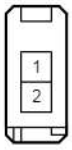
I 94
White



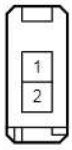
I 95
White



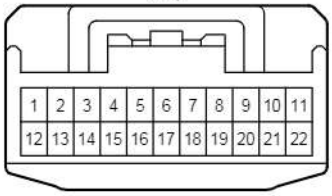
I101
White



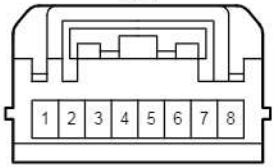
I106
White



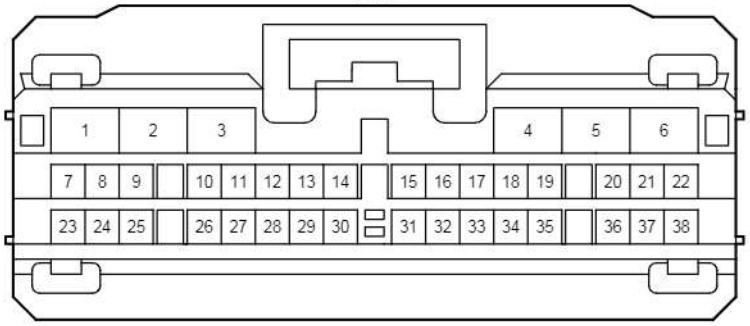
I125
Gray



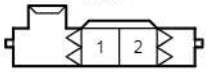
I130
Black



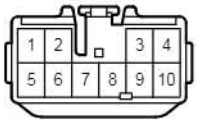
I135
White



I138
Black



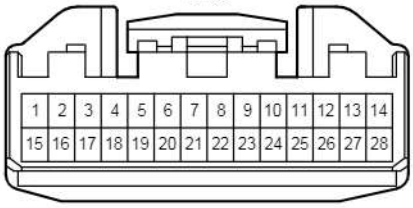
I152
White



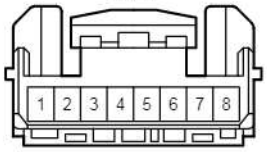
I153
White



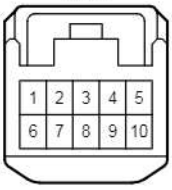
I155
White



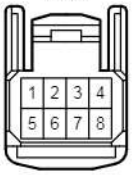
I178
Black



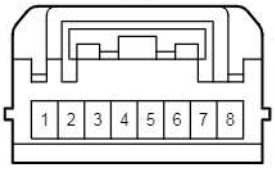
I179
White



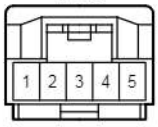
I180
White



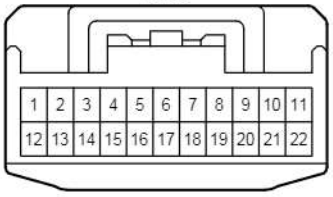
J 11
White



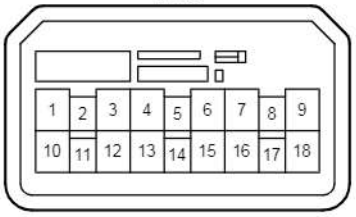
J 12
White



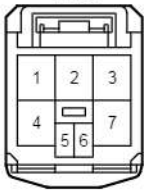
K 6
White



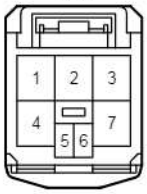
K 11
White



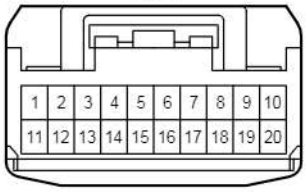
L 6
White



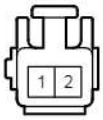
M 6
White



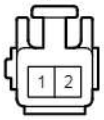
S 12
Black



T 2
Black



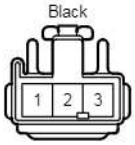
T 5
Black



T 9
Black



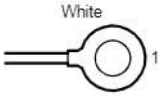
T 12
Black



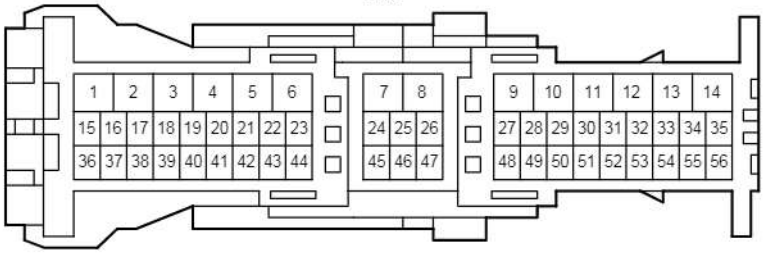
z 3
Black



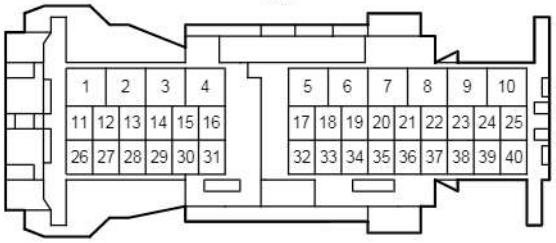
1H
White



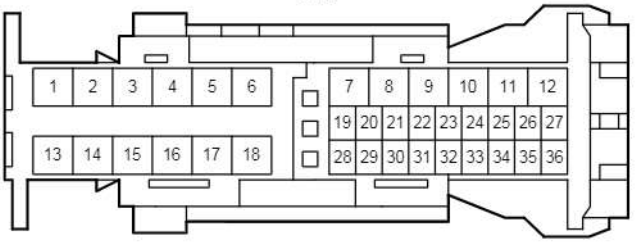
3A
White



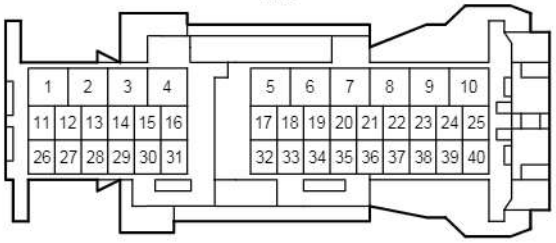
3B
White



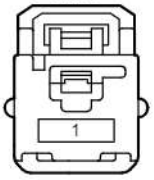
3C
White



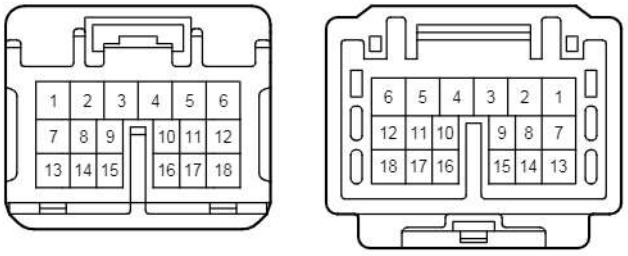
3D
White



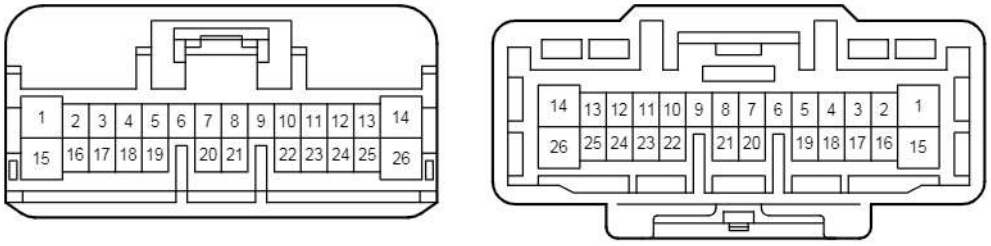
3E
White



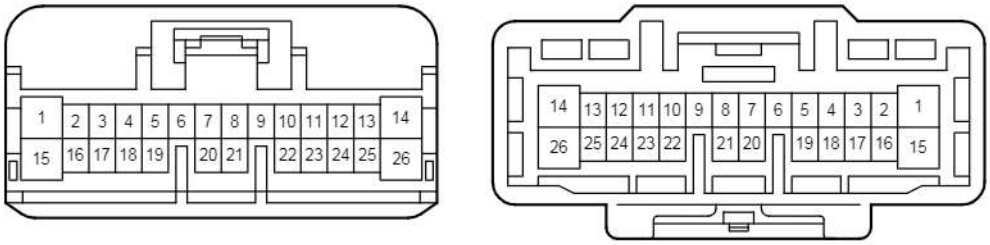
AA1
Blue



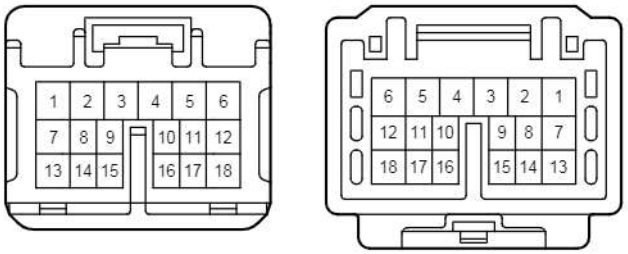
IA3
Blue



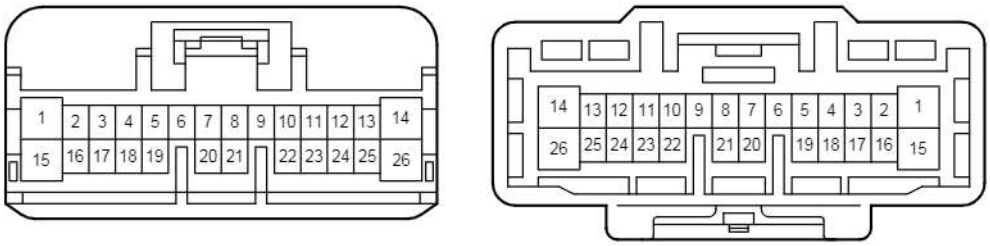
IO2
White



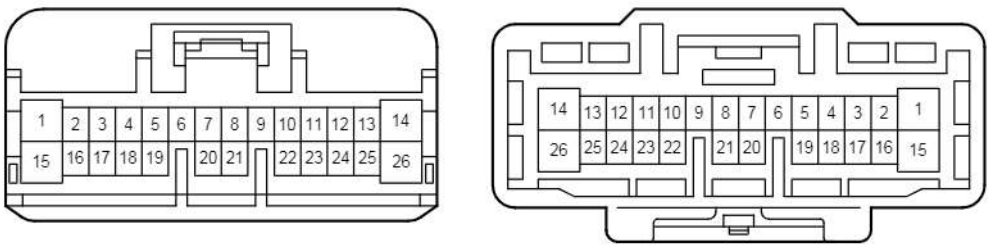
IS1
White



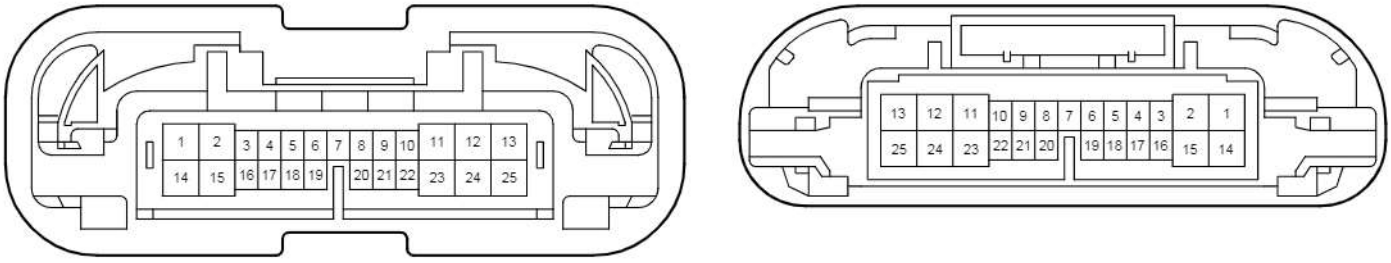
JI2
Blue



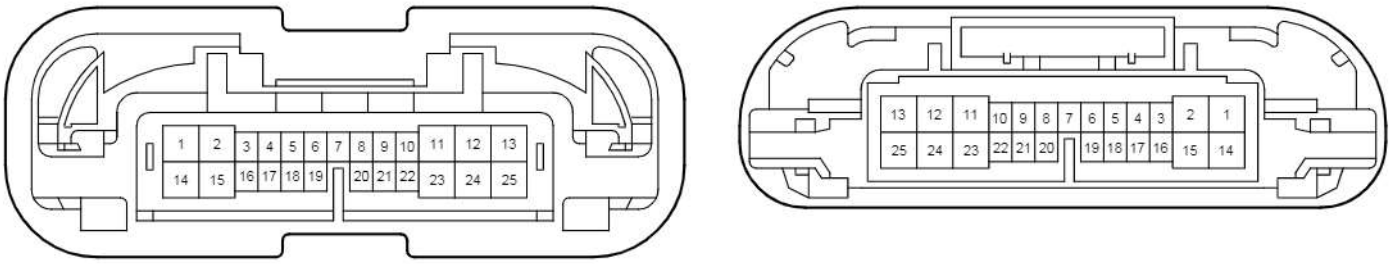
KI2
White



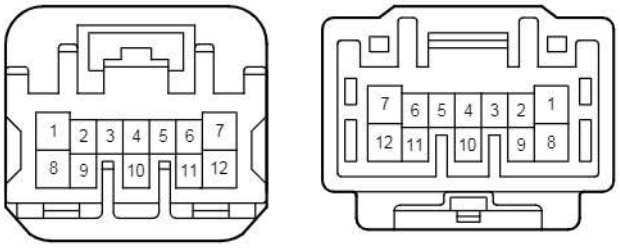
LO1
White



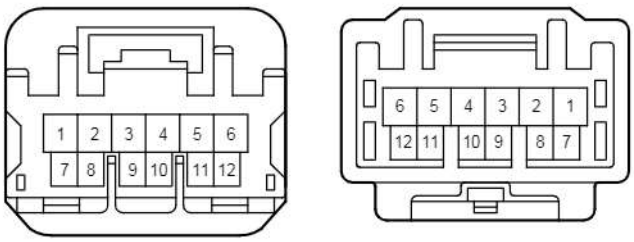
MN1
White

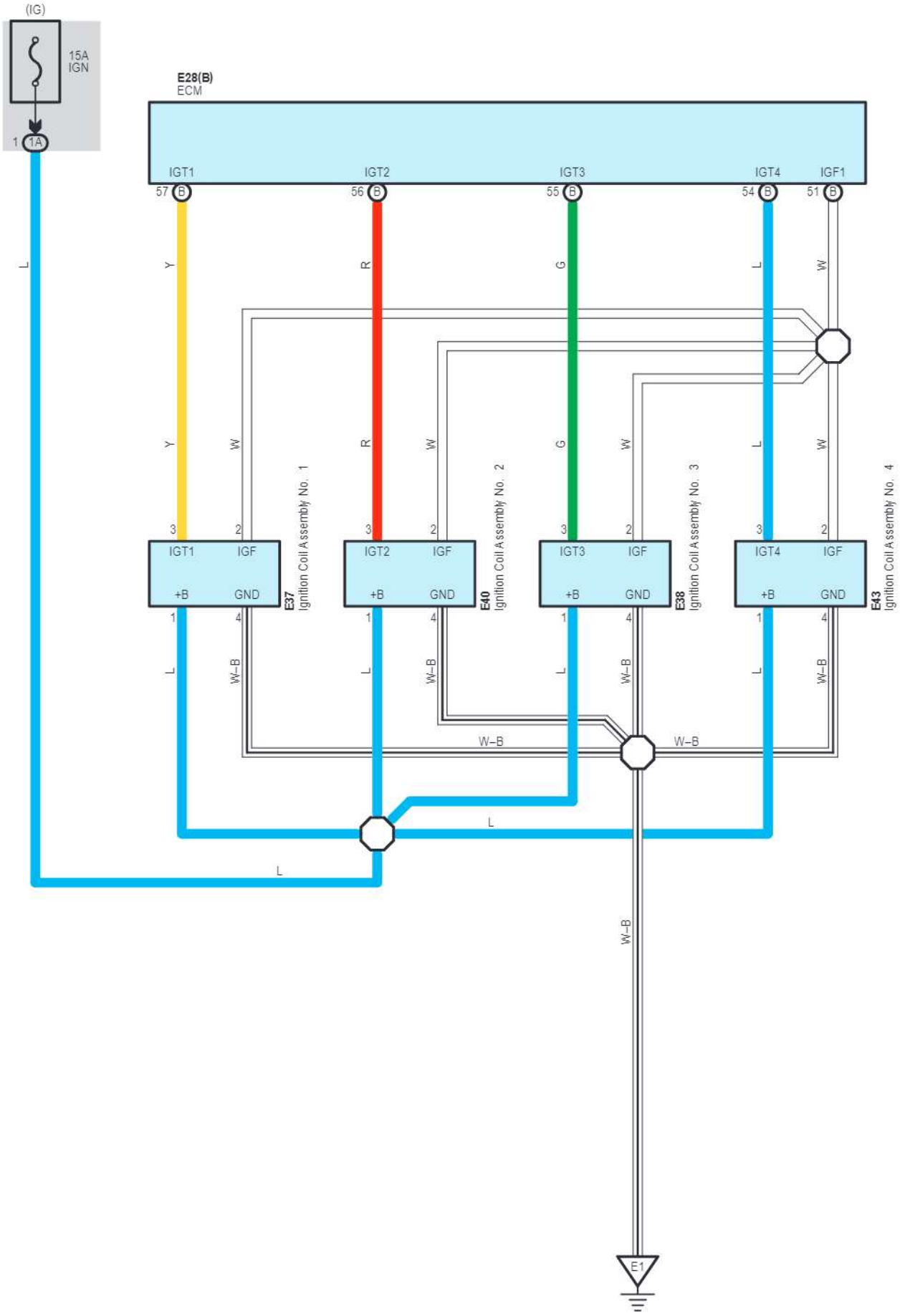


NI1
White

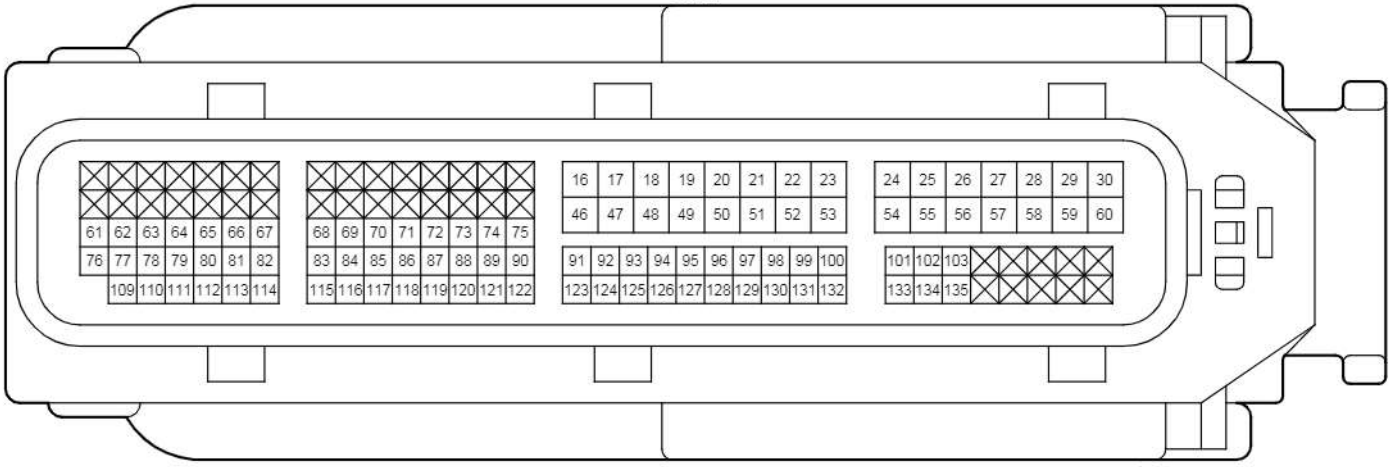


TN1
White

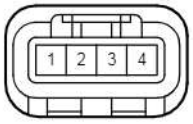



(IG)
15A
IGN
1
1A
E28(B)
ECM
IGT1
IGT2
IGT3
IGT4
IGF1
57
56
55
54
51
B
L
Y
R
G
L
W
IGT1
IGF
+B
GND
E37
Ignition Coil Assembly No. 1
E40
Ignition Coil Assembly No. 2
E38
Ignition Coil Assembly No. 3
E43
Ignition Coil Assembly No. 4
W-B
E1

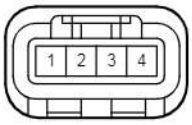
E 28
Black



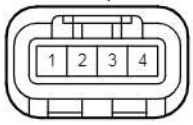
E 37
Black



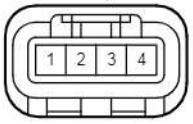
E 38
Black



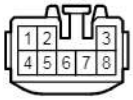
E 40
Gray

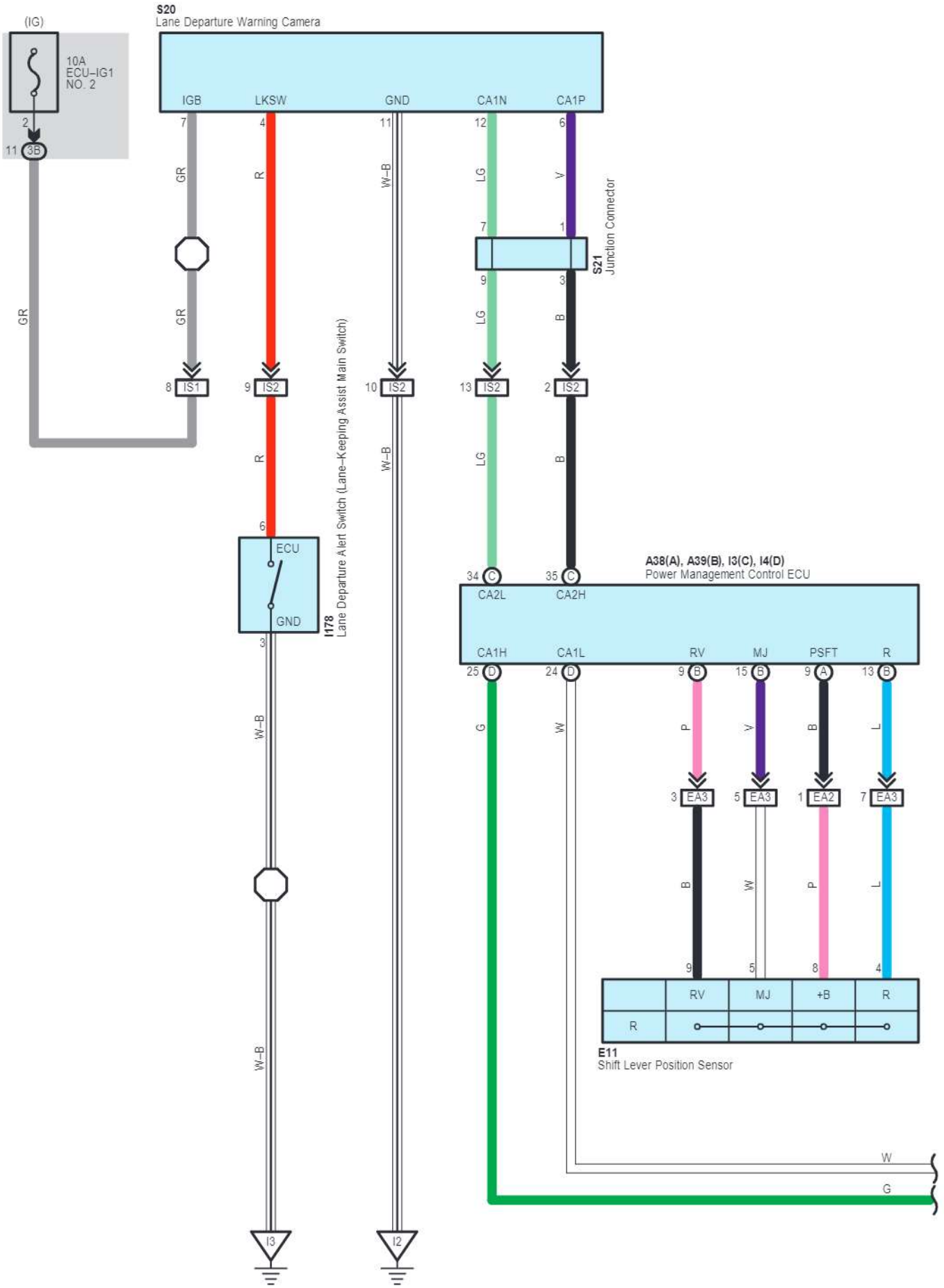


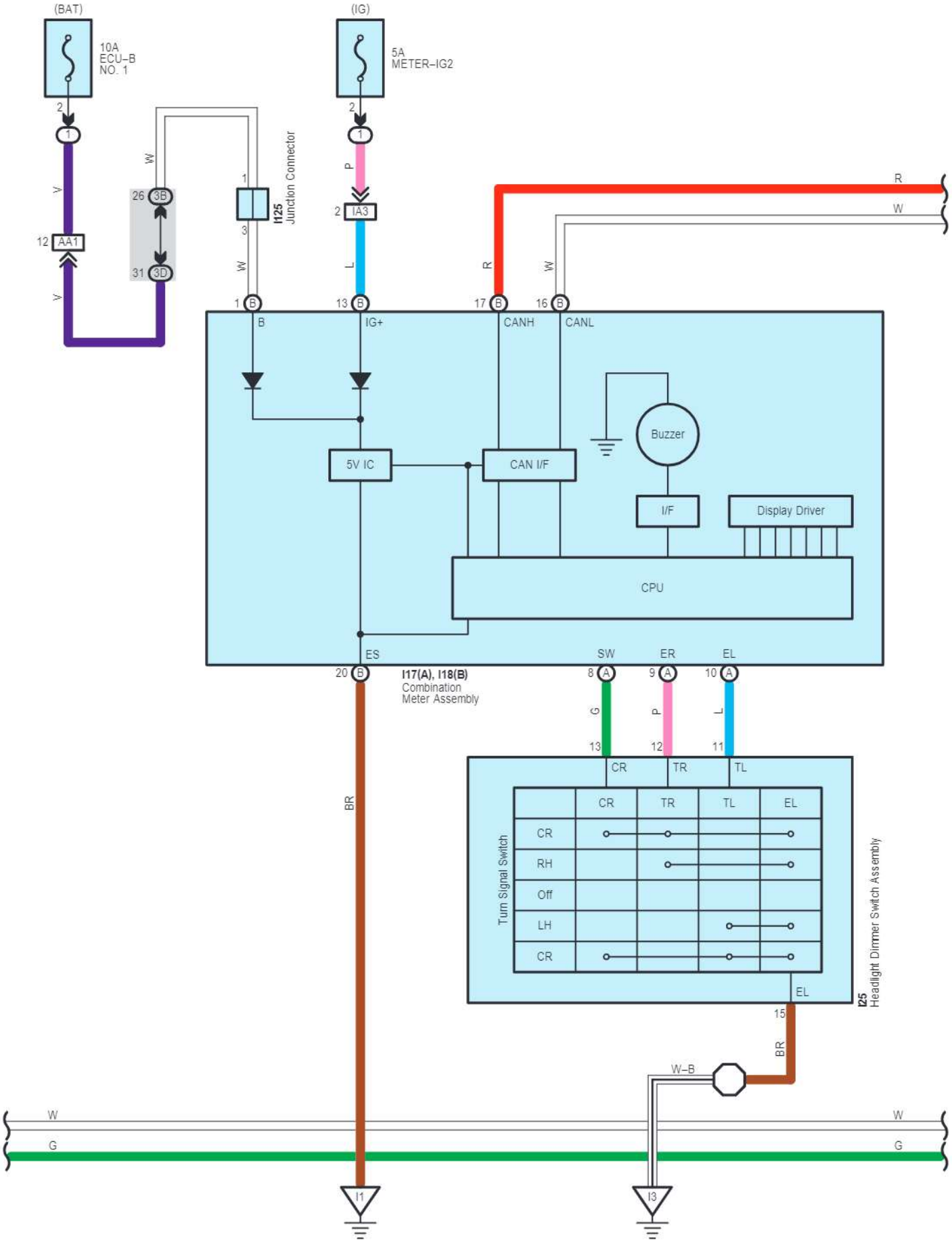
E 43
Gray

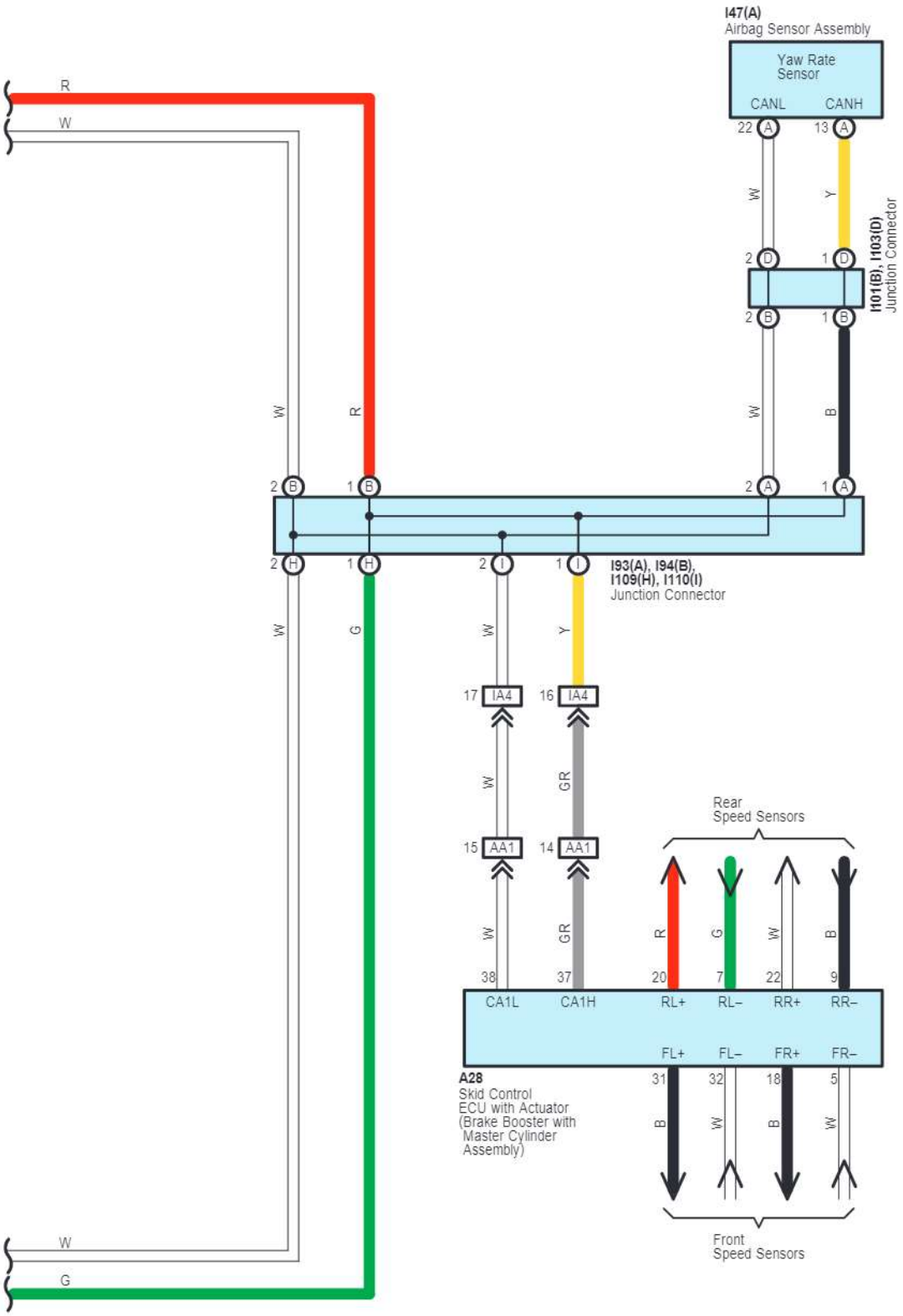


1A
White

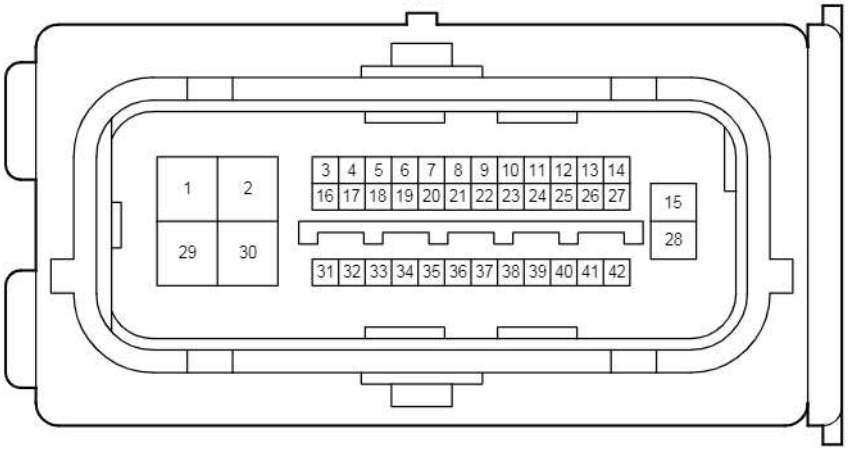



(IG)
10A
ECU-IG1
NO. 2
2
11 3B
GR
S20
Lane Departure Warning Camera
IGB
LKSW
GND
CA1N
CA1P
7
4
11
12
6
GR
R
W-B
LG
V
7
1
S21
Junction Connector
9
3
LG
B
GR
8 IS1
9 IS2
10 IS2
13 IS2
2 IS2
R
W-B
LG
B
6
ECU
GND
3
I178
Lane Departure Alert Switch (Lane-Keeping Assist Main Switch)
W-B
W-B
I3
I2
A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
34 C
35 C
CA2L
CA2H
CA1H
CA1L
RV
MJ
PSFT
R
25 D
24 D
9 B
15 B
9 A
13 B
G
W
P
V
B
L
3 EA3
5 EA3
1 EA2
7 EA3
B
W
P
L
9
5
8
4
RV
MJ
+B
R
R
E11
Shift Lever Position Sensor
W
G

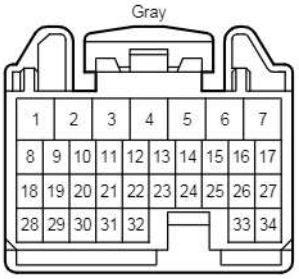

(BAT)
10A
ECU-B
NO. 1
(IG)
5A
METER-IG2
I125
Junction Connector
IA3
AA1
3B
3D
B
IG+
CANH
CANL
5V IC
CAN I/F
Buzzer
I/F
Display Driver
CPU
ES
I17(A), I18(B)
Combination
Meter Assembly
SW
ER
EL
CR
TR
TL
RH
Off
LH
Turn Signal Switch
I25
Headlight Dimmer Switch Assembly
W-B
I1
I3


I47(A)
Airbag Sensor Assembly
Yaw Rate Sensor
CANL
CANH
22 A
13 A
W
Y
2 D
1 D
I101(B), I103(D)
Junction Connector
2 B
1 B
W
B
2 A
1 A
R
W
2 B
1 B
2 H
1 H
2 I
1 I
I93(A), I94(B),
I109(H), I110(I)
Junction Connector
W
G
W
Y
17 IA4
16 IA4
W
GR
15 AA1
14 AA1
W
GR
38
37
CA1L
CA1H
Rear
Speed Sensors
R
G
W
B
20
7
22
9
RL+
RL−
RR+
RR−
FL+
FL−
FR+
FR−
31
32
18
5
B
W
B
W
A28
Skid Control
ECU with Actuator
(Brake Booster with
Master Cylinder
Assembly)
Front
Speed Sensors
W
G

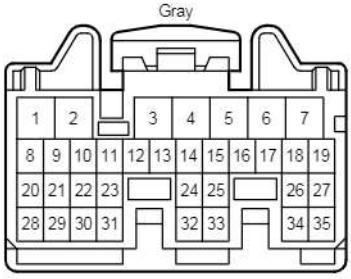
A 28
Black



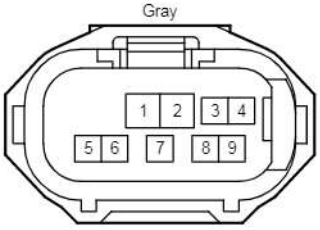
A 38
Gray



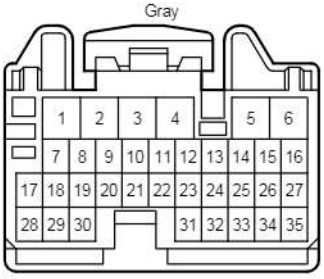
A 39
Gray



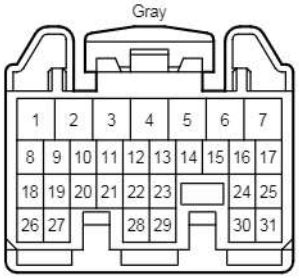
E 11
Gray



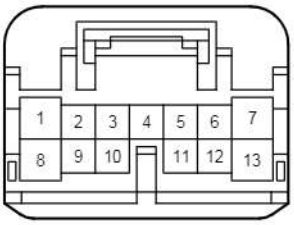
I 3
Gray



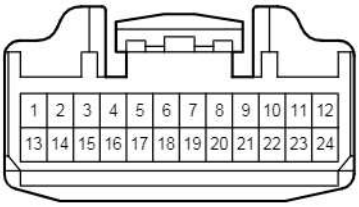
I 4
Gray



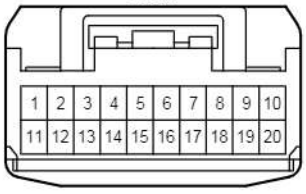
I 17
Black



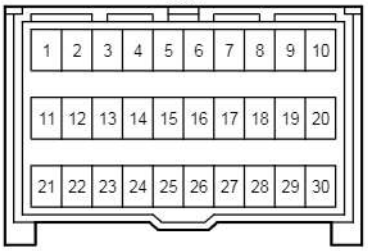
I 18
Black



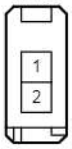
I 25
Black



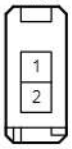
I 47
Yellow



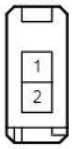
I 93
White



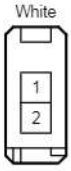
I 94
White



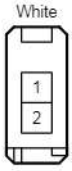
I101
White



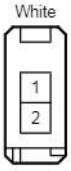
I103
White



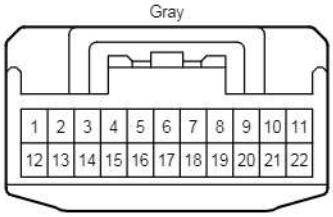
I109
White



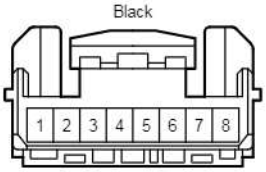
I110
White



I125
Gray



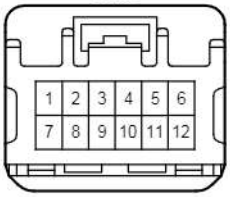
I178
Black



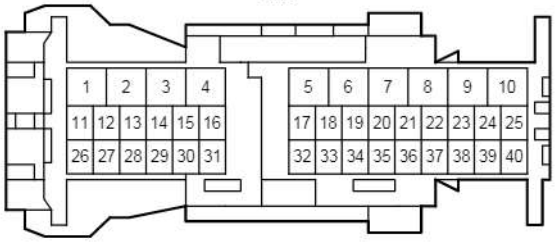
S 20
Gray



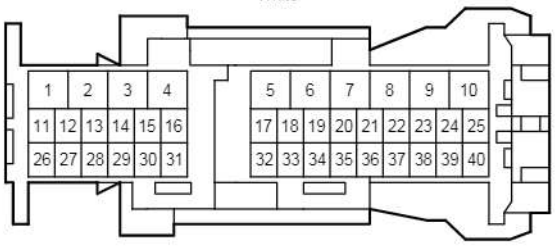
S 21
White



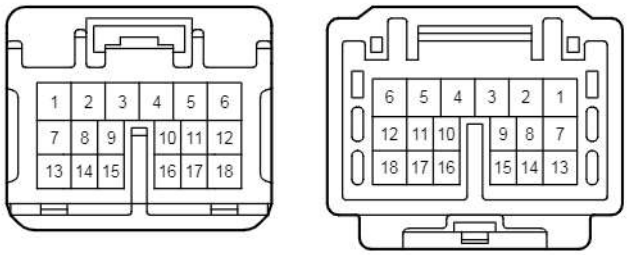
3B
White



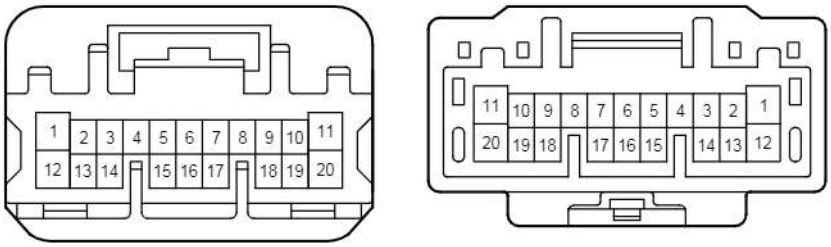
3D
White



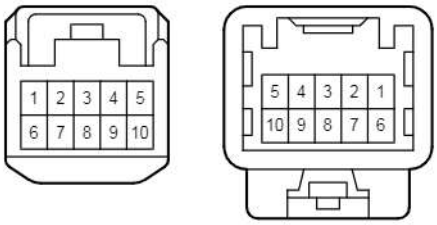
AA1
Blue



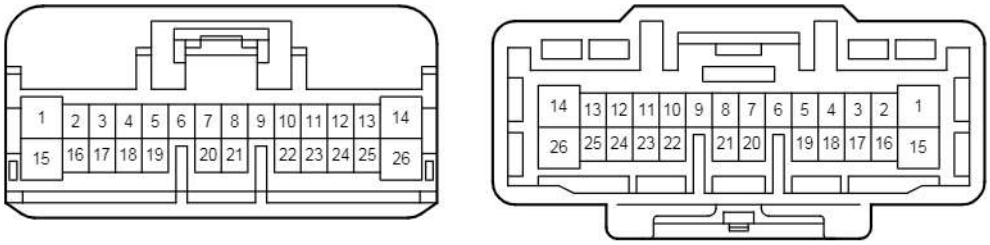
EA2
White

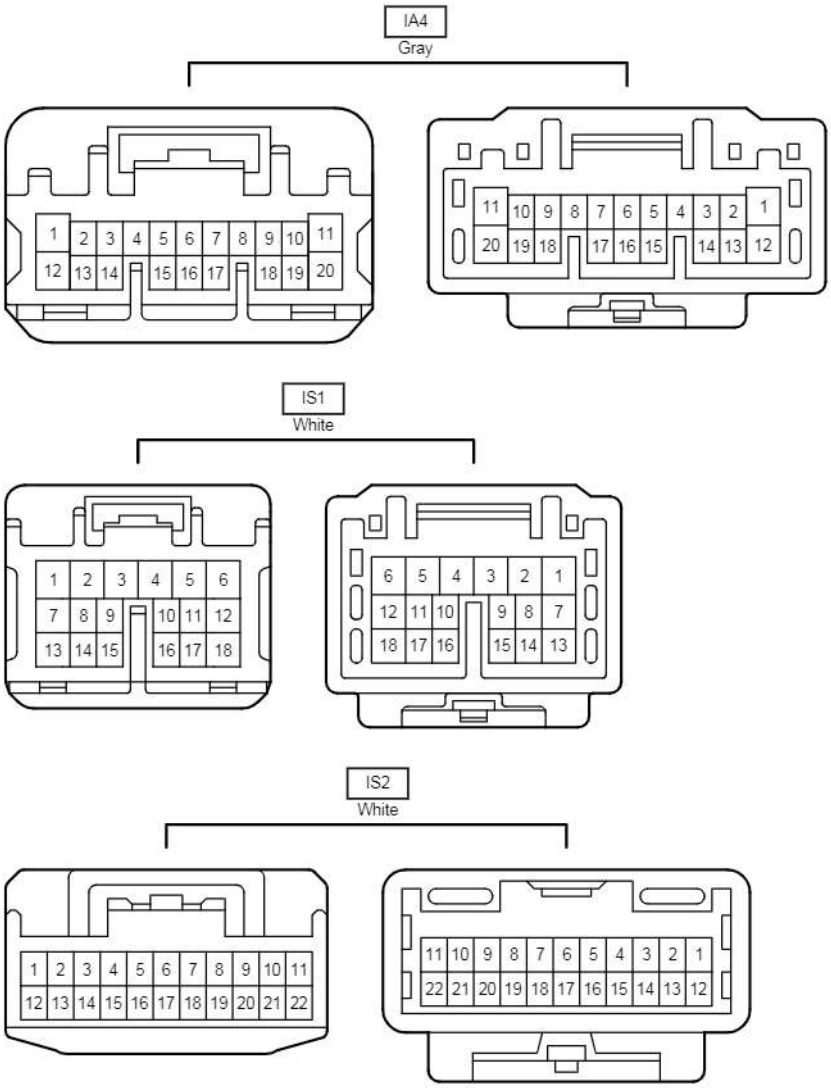


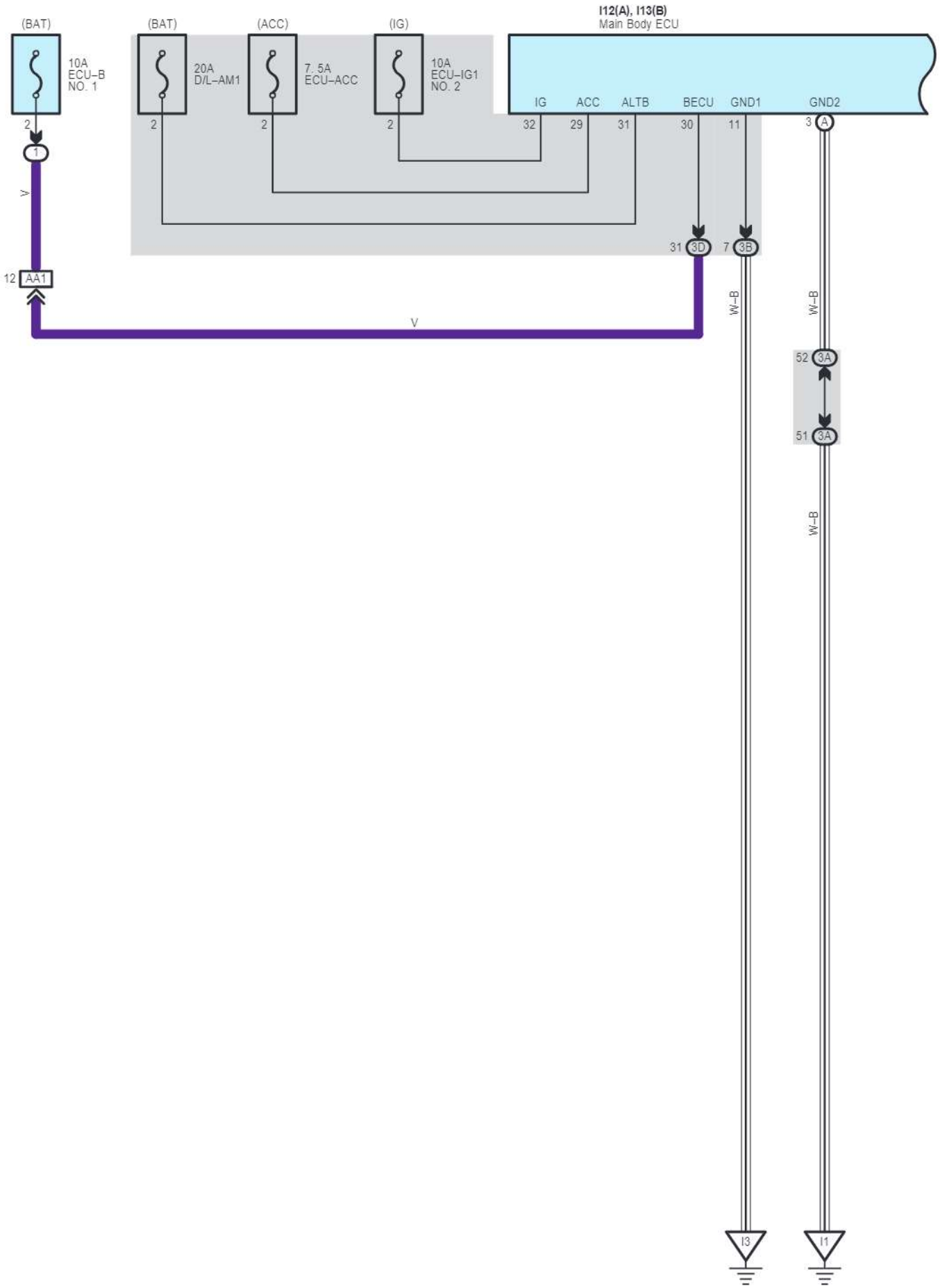
EA3
White

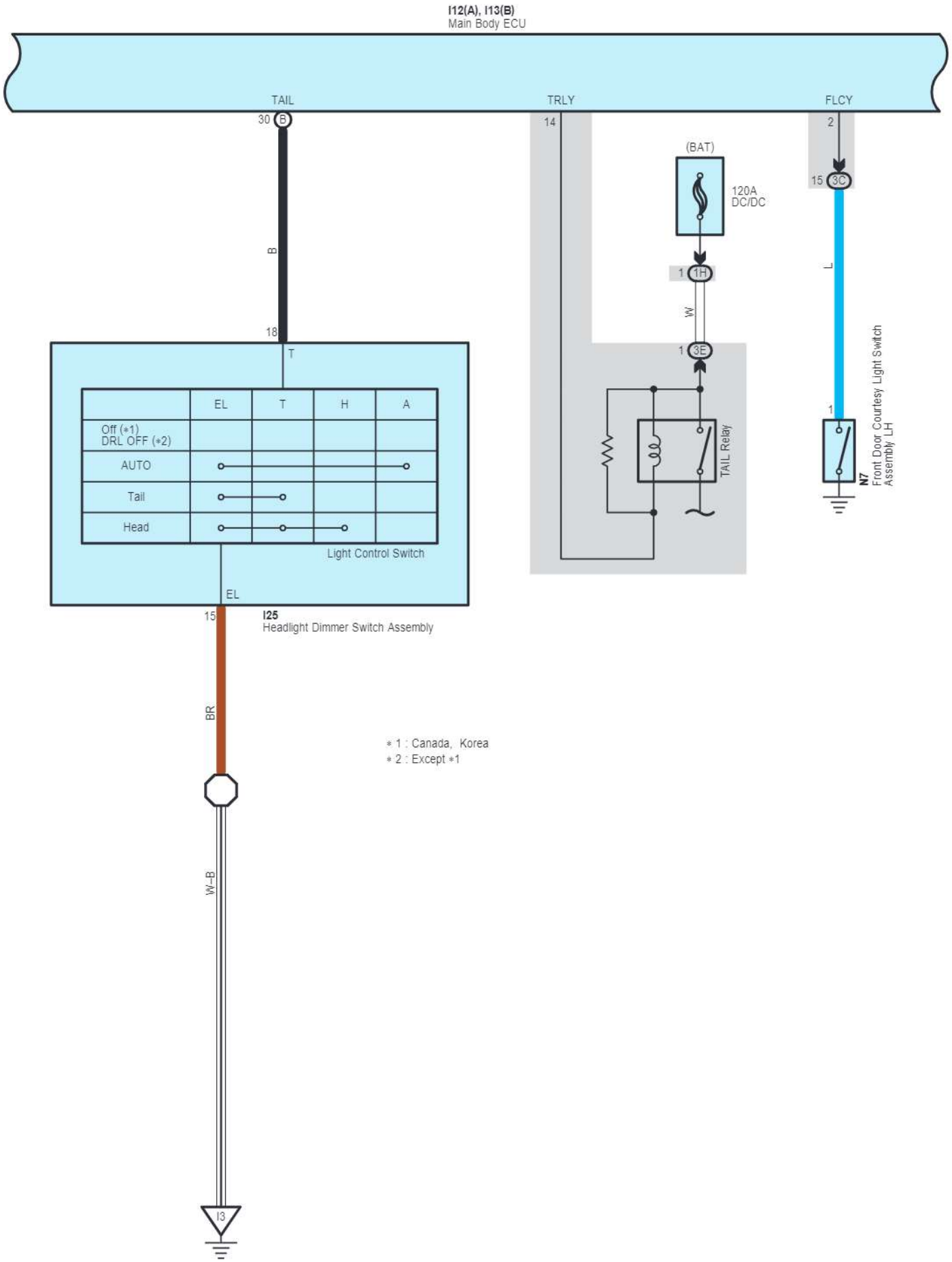


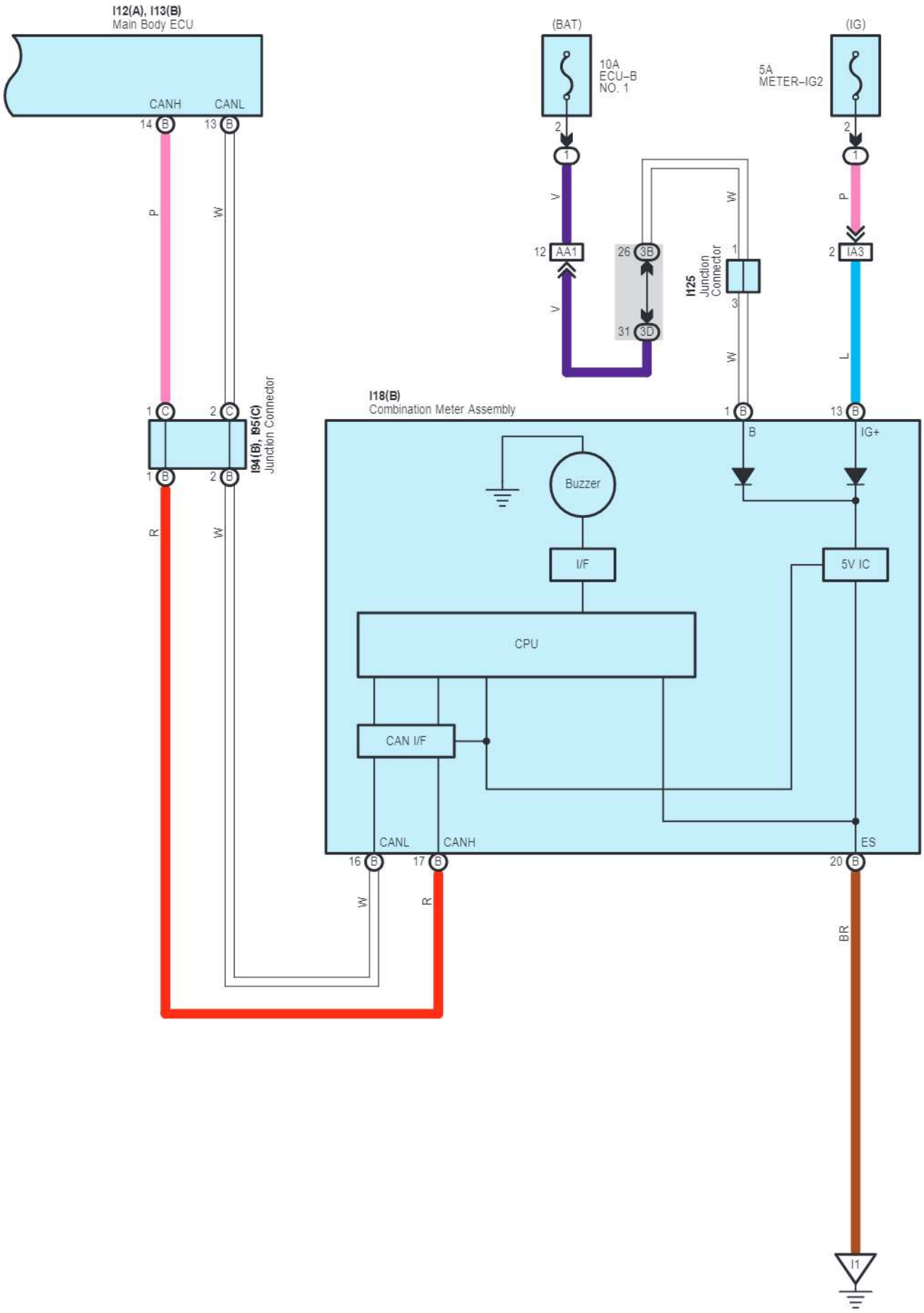
IA3
Blue



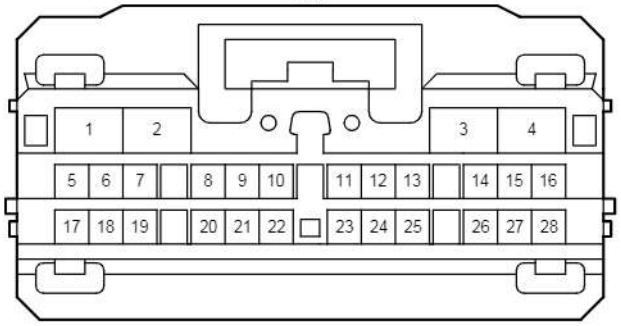

IA4
Gray
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12
IS1
White
1 2 3 4 5 6
7 8 9 10 11 12
13 14 15 16 17 18
6 5 4 3 2 1
12 11 10 9 8 7
18 17 16 15 14 13
IS2
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12


(BAT)
10A
ECU–B
NO. 1
2
1
V
12
AA1
(BAT)
20A
D/L–AM1
2
(ACC)
7. 5A
ECU–ACC
2
(IG)
10A
ECU–IG1
NO. 2
2
I12(A), I13(B)
Main Body ECU
IG
ACC
ALTB
BECU
GND1
GND2
32
29
31
30
11
3
A
31
3D
7
3B
V
W–B
W–B
52
3A
51
3A
W–B
I3
I1

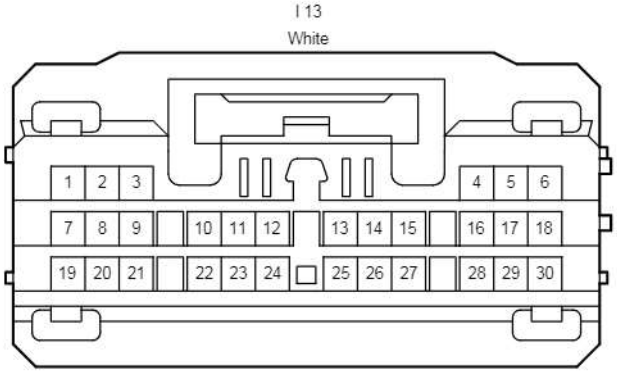

I12(A), I13(B)
Main Body ECU
TAIL
TRLY
FLCY
30 B
B
18
T
14
2
15 3C
L
(BAT)
120A
DC/DC
1 1H
W
1 3E
TAIL Relay
1
N7
Front Door Courtesy Light Switch
Assembly LH
EL
T
H
A
Off (*1)
DRL OFF (*2)
AUTO
Tail
Head
Light Control Switch
EL
15
I25
Headlight Dimmer Switch Assembly
BR
W-B
I3
* 1 : Canada, Korea
* 2 : Except *1


I12(A), I13(B)
Main Body ECU
CANH
CANL
14 B
13 B
P
W
1 C
2 C
I94(B), B5(C)
Junction Connector
1 B
2 B
R
W
(BAT)
10A
ECU–B
NO. 1
2
1
V
12 AA1
V
26 3B
31 3D
W
I125
Junction
Connector
1
3
W
(IG)
5A
METER–IG2
2
1
P
2 IA3
L
I18(B)
Combination Meter Assembly
1 B
13 B
B
IG+
Buzzer
I/F
5V IC
CPU
CAN I/F
CANL
CANH
ES
16 B
17 B
20 B
W
R
BR
I1

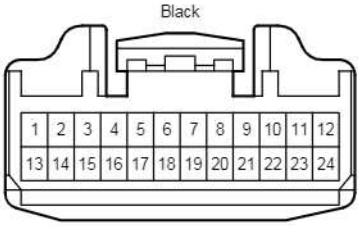
I 12
White



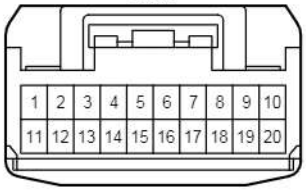
I 13
White



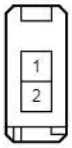
I 18
Black



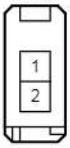
I 25
Black



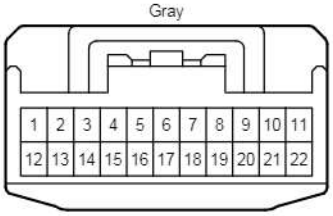
I 94
White



I 95
White



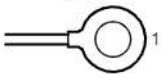
I125
Gray



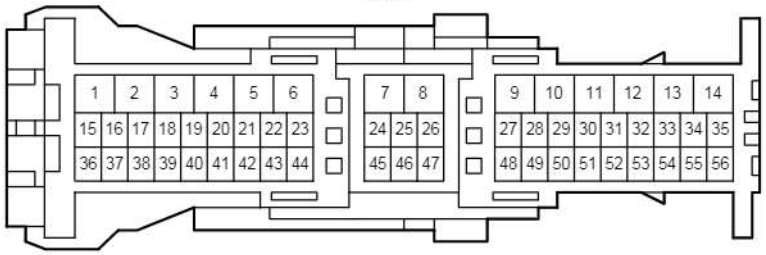
N 7
Black



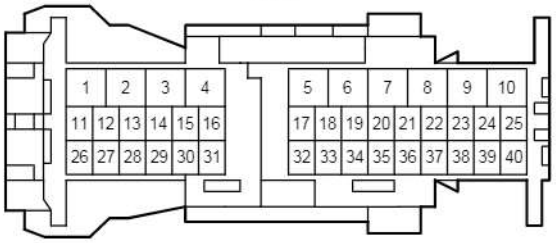
1H
White



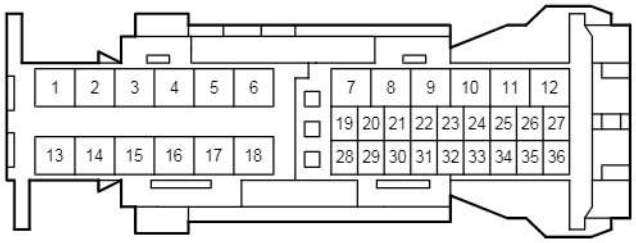
3A
White

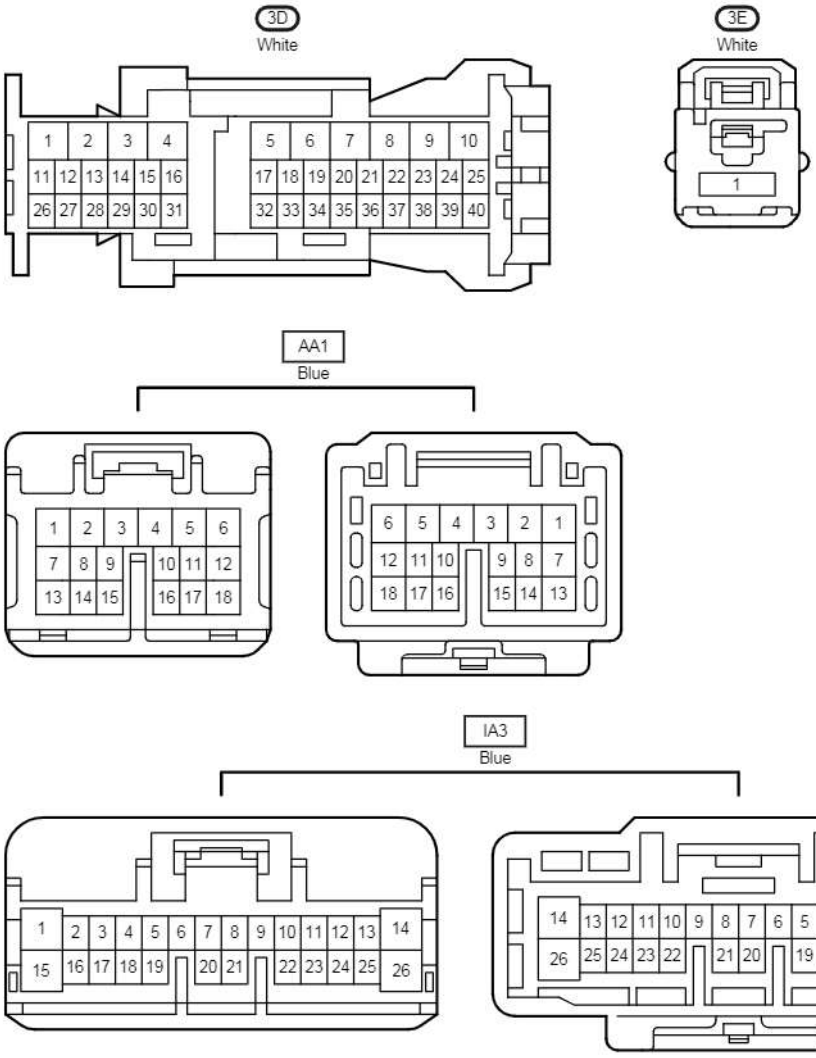


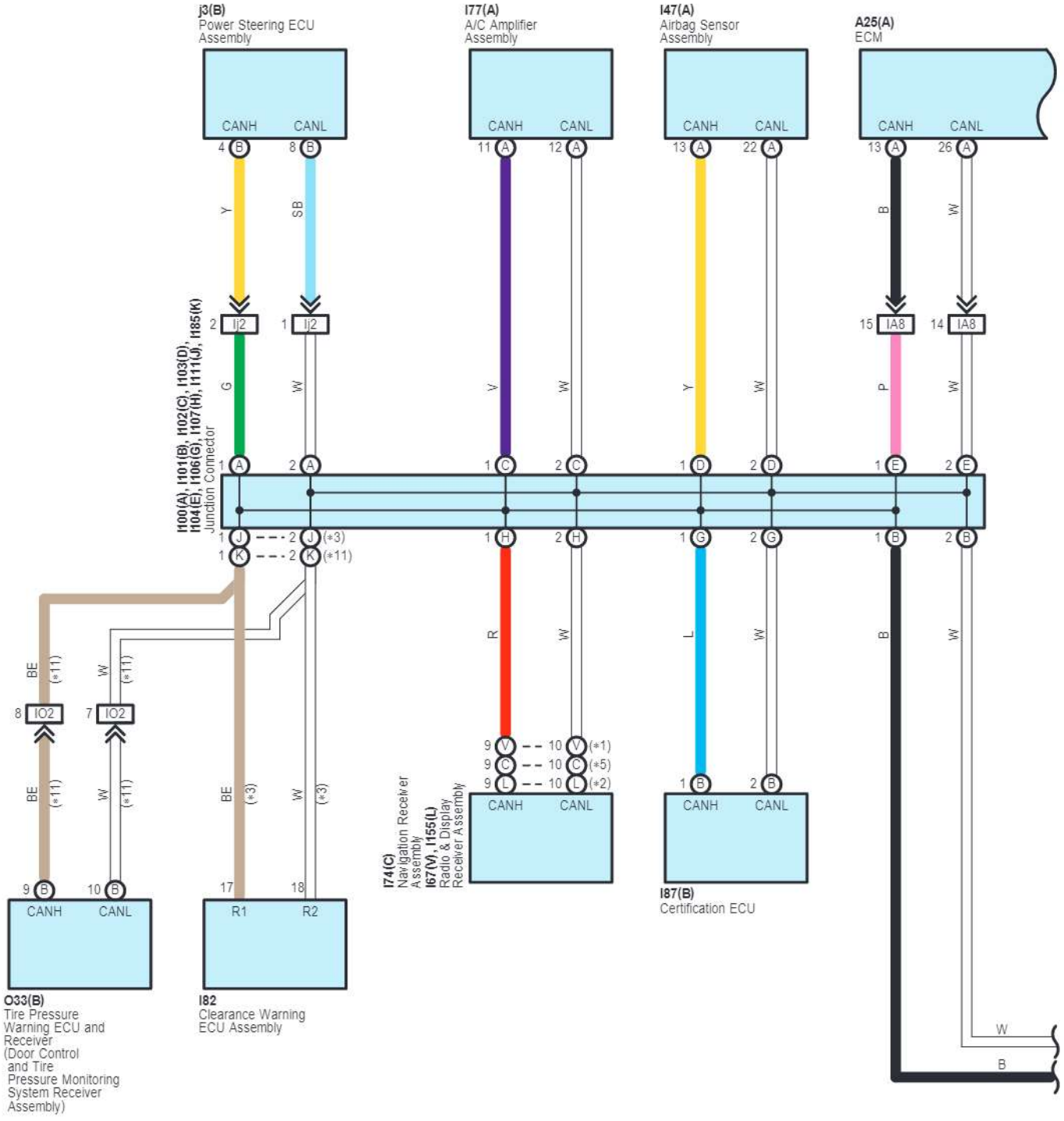
3B
White



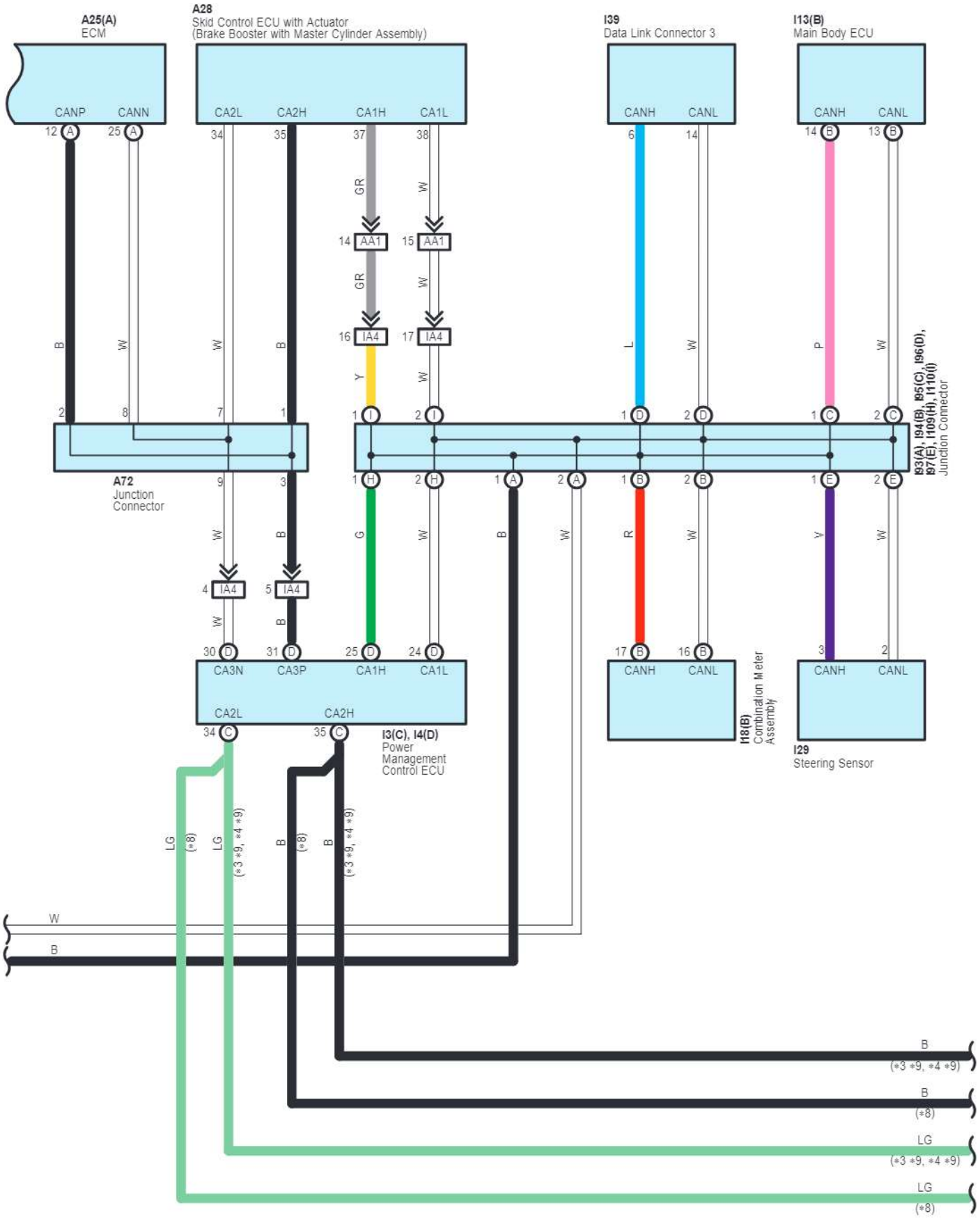
3C
White

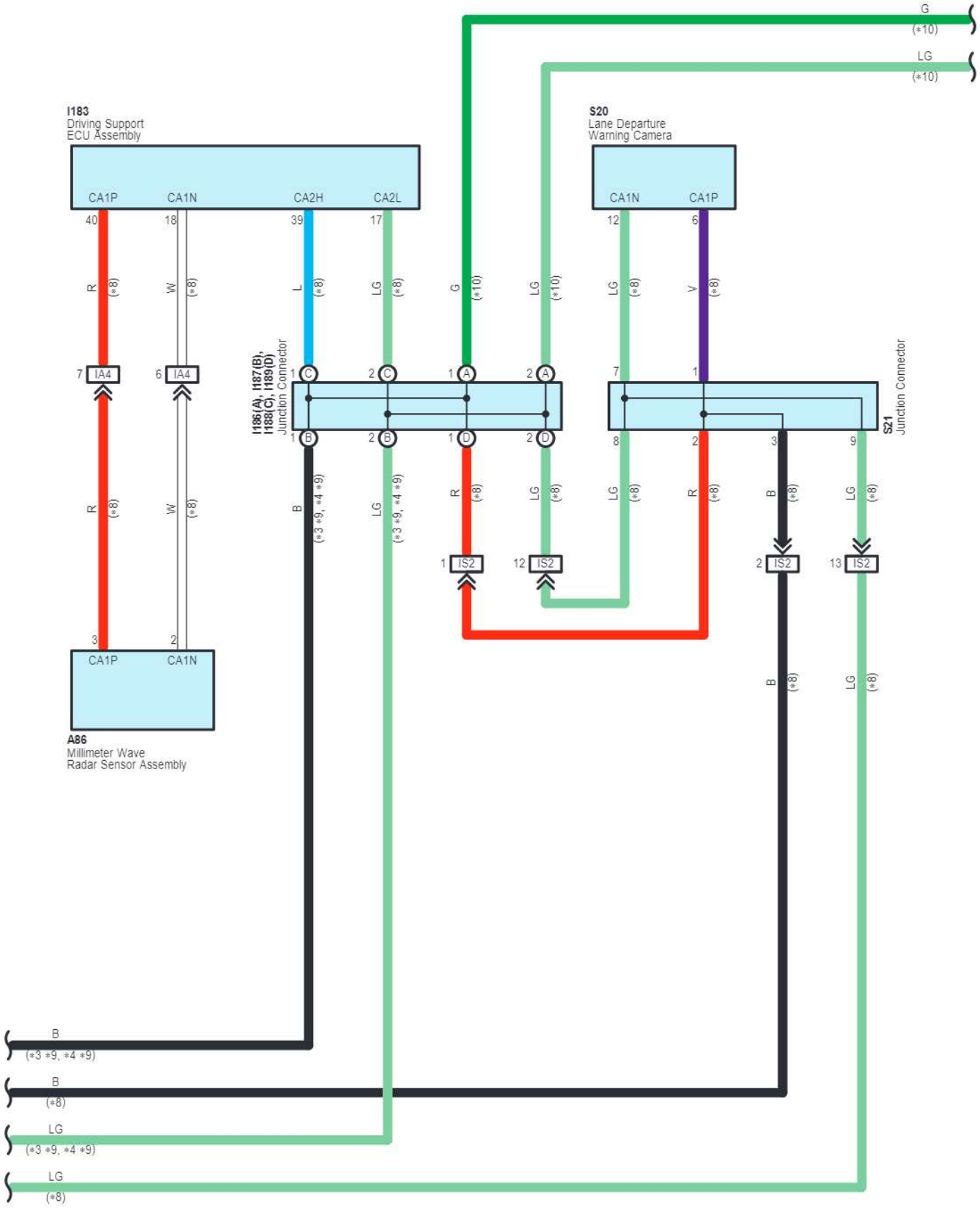


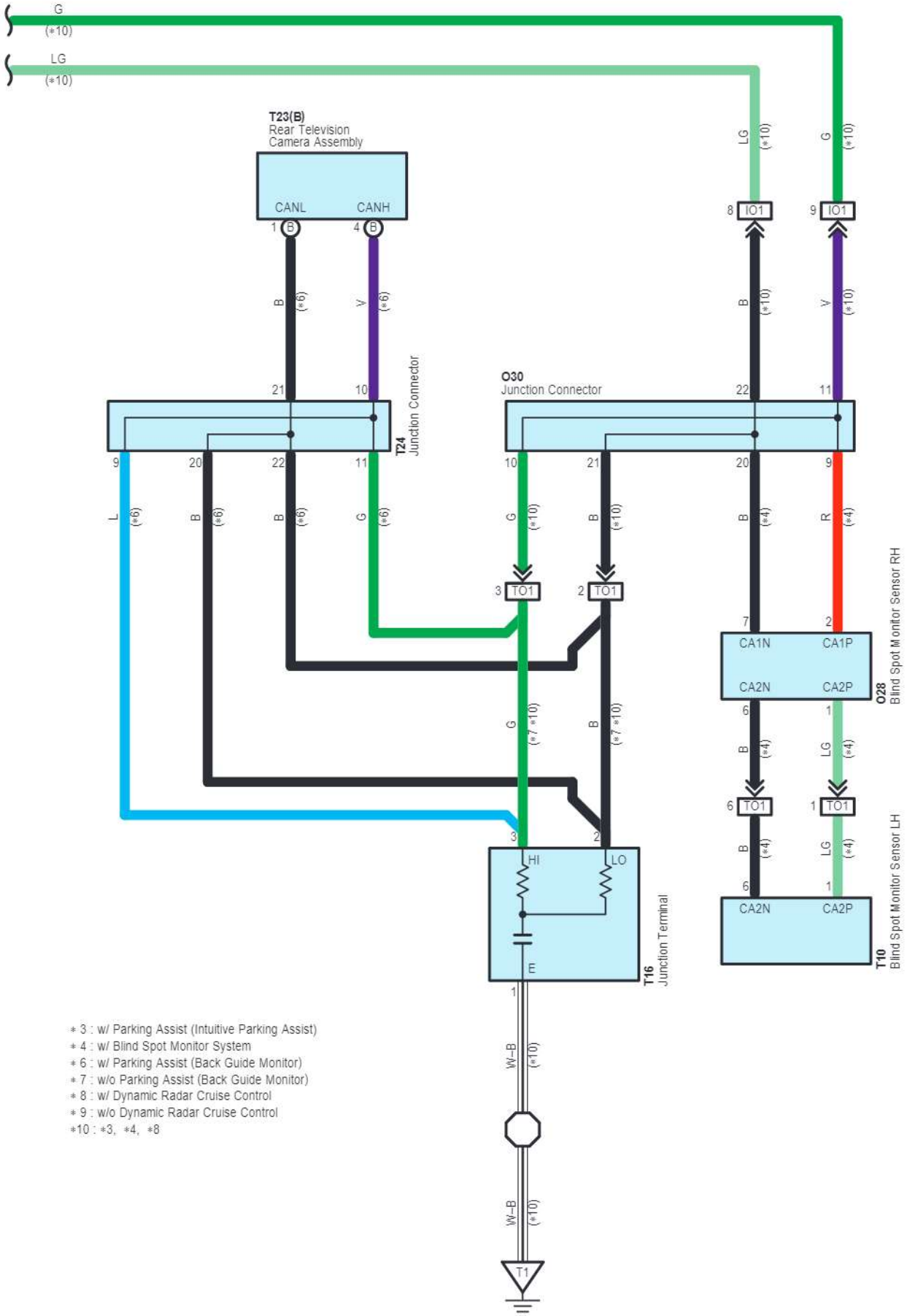

3D
White
1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18 19 20 21 22 23 24 25
26 27 28 29 30 31 32 33 34 35 36 37 38 39 40
3E
White
1
AA1
Blue
1 2 3 4 5 6
7 8 9 10 11 12
13 14 15 16 17 18
6 5 4 3 2 1
12 11 10 9 8 7
18 17 16 15 14 13
IA3
Blue
1 2 3 4 5 6 7 8 9 10 11 12 13 14
15 16 17 18 19 20 21 22 23 24 25 26
14 13 12 11 10 9 8 7 6 5 4 3 2 1
26 25 24 23 22 21 20 19 18 17 16 15



* 1 : w/ Radio & Display Receiver Assembly Korea
* 2 : w/ Radio & Display Receiver Assembly Except Korea
* 3 : w/ Parking Assist (Intuitive Parking Assist)
* 4 : w/ Blind Spot Monitor System
* 5 : w/ Navigation Receiver Assembly
* 8 : w/ Dynamic Radar Cruise Control
* 9 : w/o Dynamic Radar Cruise Control
*11 : w/ Tire Pressure Warning System USA

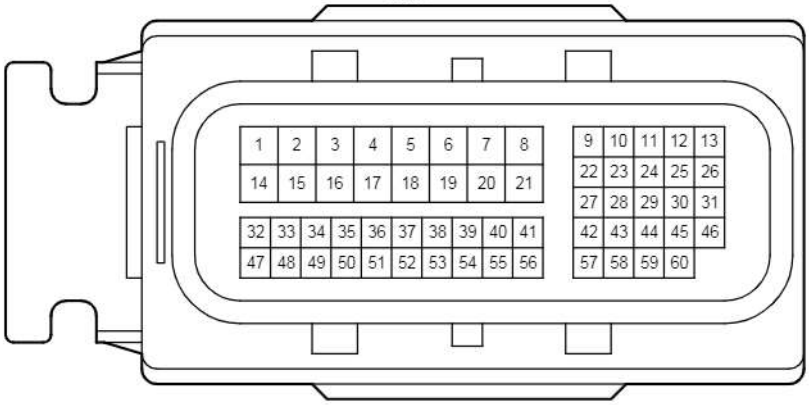

A25(A)
ECM
CANP
CANN
12 A
25 A
A28
Skid Control ECU with Actuator
(Brake Booster with Master Cylinder Assembly)
CA2L
CA2H
CA1H
CA1L
34
35
37
38
I39
Data Link Connector 3
CANH
CANL
6
14
I13(B)
Main Body ECU
CANH
CANL
14 B
13 B
GR
W
14 AA1
15 AA1
GR
W
16 IA4
17 IA4
Y
W
B
W
W
B
L
W
P
W
2
8
7
1
1 I
2 I
1 D
2 D
1 C
2 C
B93(A), I94(B), I95(C), I96(D),
B97(E), I109(H), I110(I)
Junction Connector
A72
Junction
Connector
9
3
1 H
2 H
1 A
2 A
1 B
2 B
1 E
2 E
W
B
G
W
B
R
W
V
W
4 IA4
5 IA4
W
B
30 D
31 D
25 D
24 D
17 B
16 B
3
2
CA3N
CA3P
CA1H
CA1L
CANH
CANL
CANH
CANL
CA2L
CA2H
34 C
35 C
I3(C), I4(D)
Power
Management
Control ECU
I18(B)
Combination Meter
Assembly
I29
Steering Sensor
LG
(*8)
LG
(*3 *9, *4 *9)
B
(*8)
B
(*3 *9, *4 *9)
W
B
B
(*3 *9, *4 *9)
B
(*8)
LG
(*3 *9, *4 *9)
LG
(*8)


G
(*10)
LG
(*10)
I183
Driving Support
ECU Assembly
CA1P
CA1N
CA2H
CA2L
40
18
39
17
R
(*8)
W
(*8)
L
(*8)
LG
(*8)
G
(*10)
LG
(*10)
7
IA4
6
IA4
I186(A), I187(B),
I188(C), I189(D)
Junction Connector
1
C
2
C
1
A
2
A
1
B
2
B
1
D
2
D
B
(*3 *9, *4 *9)
LG
(*3 *9, *4 *9)
R
(*8)
LG
(*8)
1
IS2
12
IS2
S20
Lane Departure
Warning Camera
CA1N
CA1P
12
6
LG
(*8)
V
(*8)
7
1
S21
Junction Connector
8
2
3
9
LG
(*8)
R
(*8)
B
(*8)
LG
(*8)
2
IS2
13
IS2
B
(*8)
LG
(*8)
3
2
CA1P
CA1N
A86
Millimeter Wave
Radar Sensor Assembly
B
(*3 *9, *4 *9)
B
(*8)
LG
(*3 *9, *4 *9)
LG
(*8)

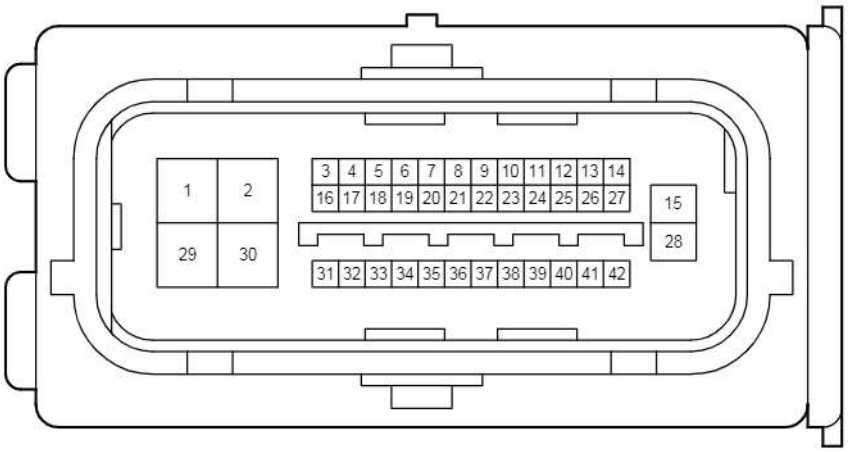


* 3 : w/ Parking Assist (Intuitive Parking Assist)
* 4 : w/ Blind Spot Monitor System
* 6 : w/ Parking Assist (Back Guide Monitor)
* 7 : w/o Parking Assist (Back Guide Monitor)
* 8 : w/ Dynamic Radar Cruise Control
* 9 : w/o Dynamic Radar Cruise Control
*10 : *3, *4, *8

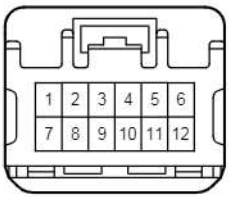
A 25
Black



A 28
Black



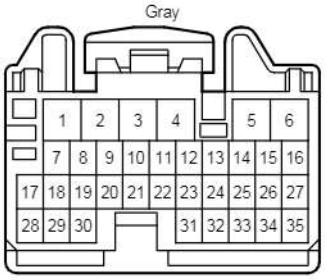
A 72
White



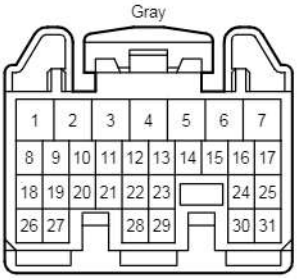
A 86
Black



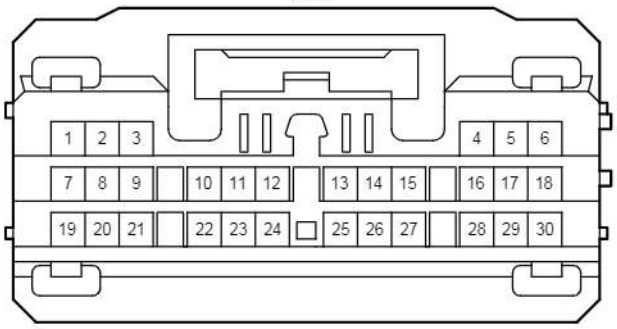
I 3
Gray



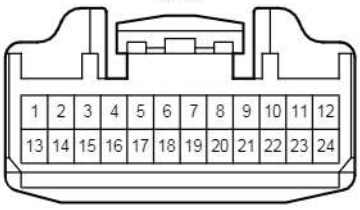
I 4
Gray



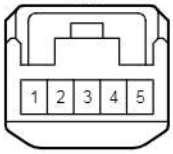
I 13
White



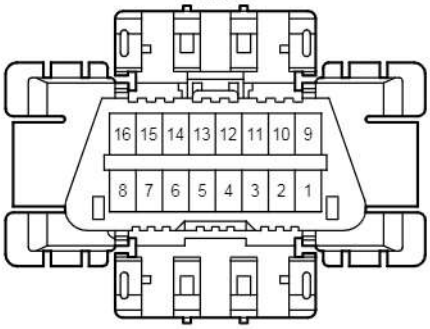
I 18
Black



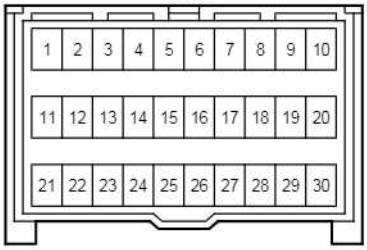
I 29
Blue



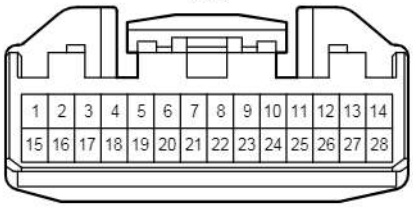
I 39
White



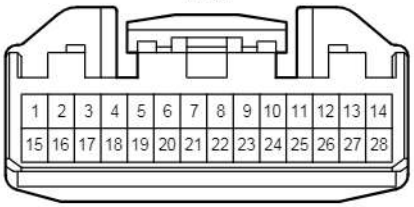
I 47
Yellow



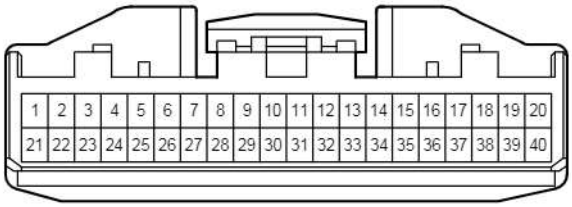
I 67
White



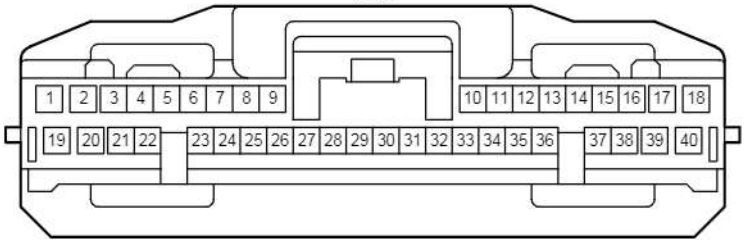
I 74
White



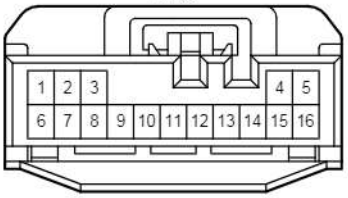
I 77
White



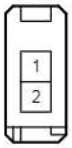
I 82
Black



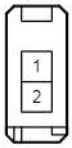
I 87
White



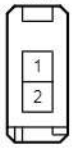
I 93
White



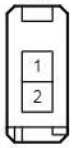
I 94
White



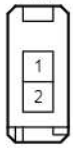
I 95
White



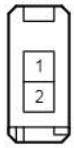
I 96
White



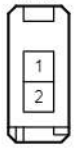
I 97
White



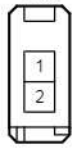
I100
White



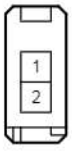
I101
White



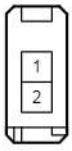
I102
White



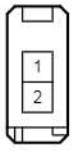
I103
White



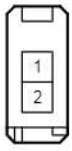
I104
White



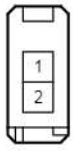
I106
White



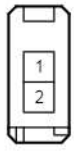
I107
White



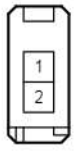
I109
White



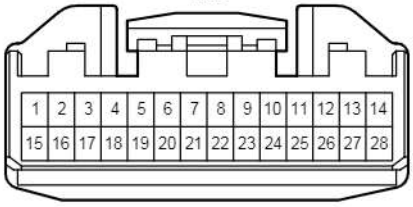
I110
White



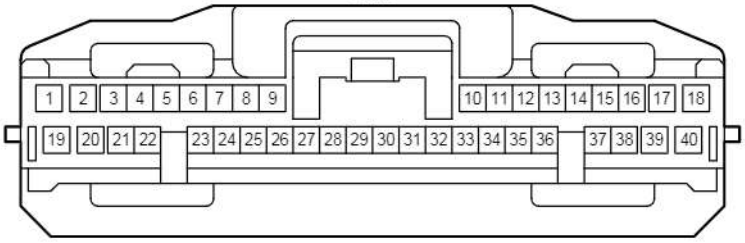
I111
White



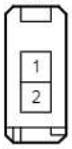
I155
White



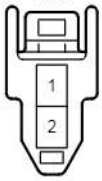
I183
White



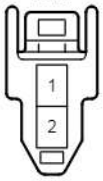
I185
White



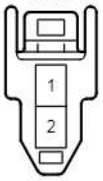
I186
White



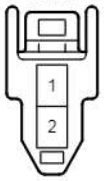
I187
White



I188
White



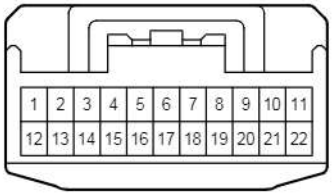
I189
White



O 28
Black



O 30
Black



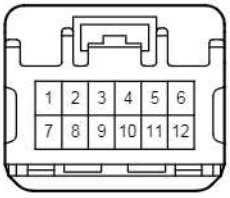
O 33
White



S 20
Gray



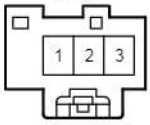
S 21
White



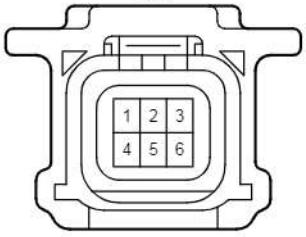
T 10
Black



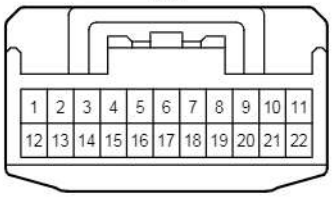
T 16
White



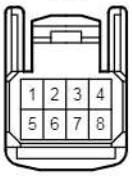
T 23
Black



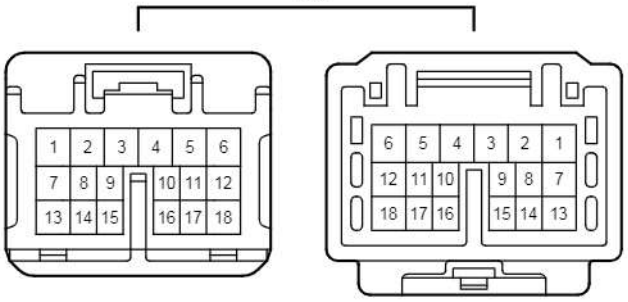
T 24
Black



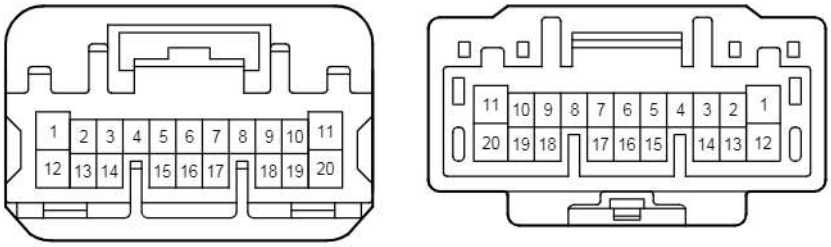
j 3
White



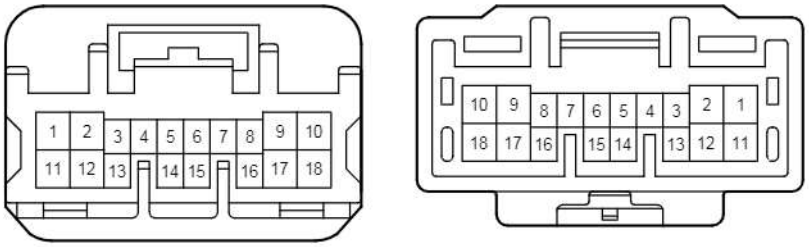
AA1
Blue



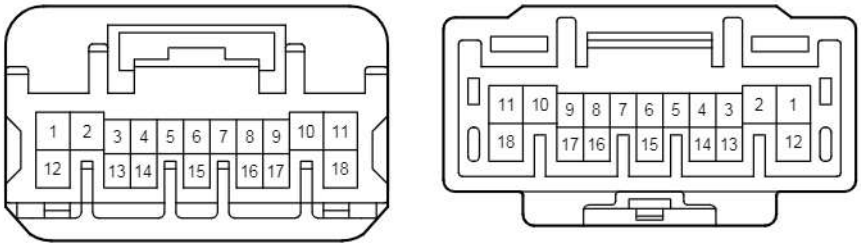
IA4
Gray



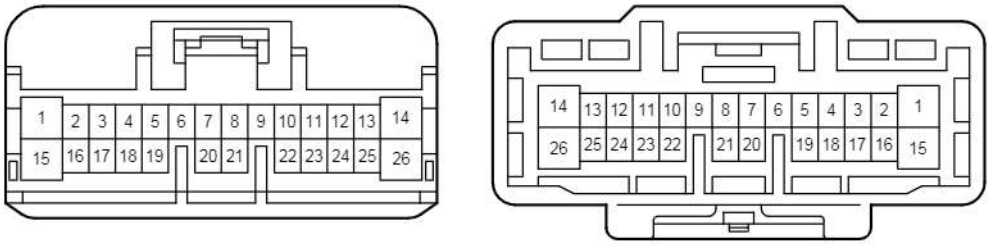
IA8
Gray



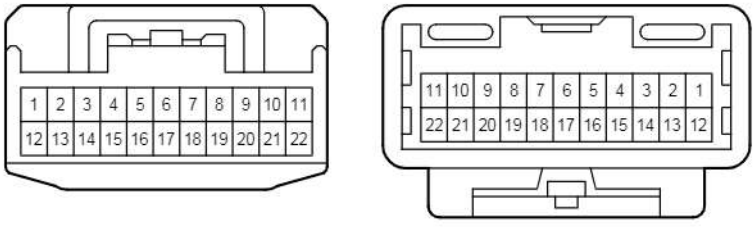
IO1
White



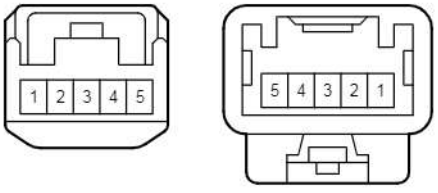
IO2
White

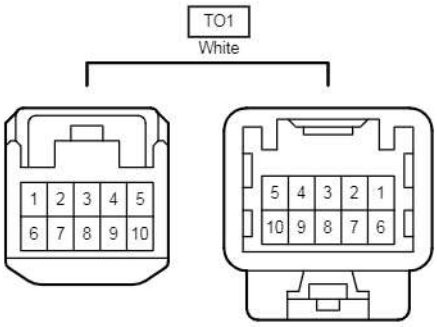


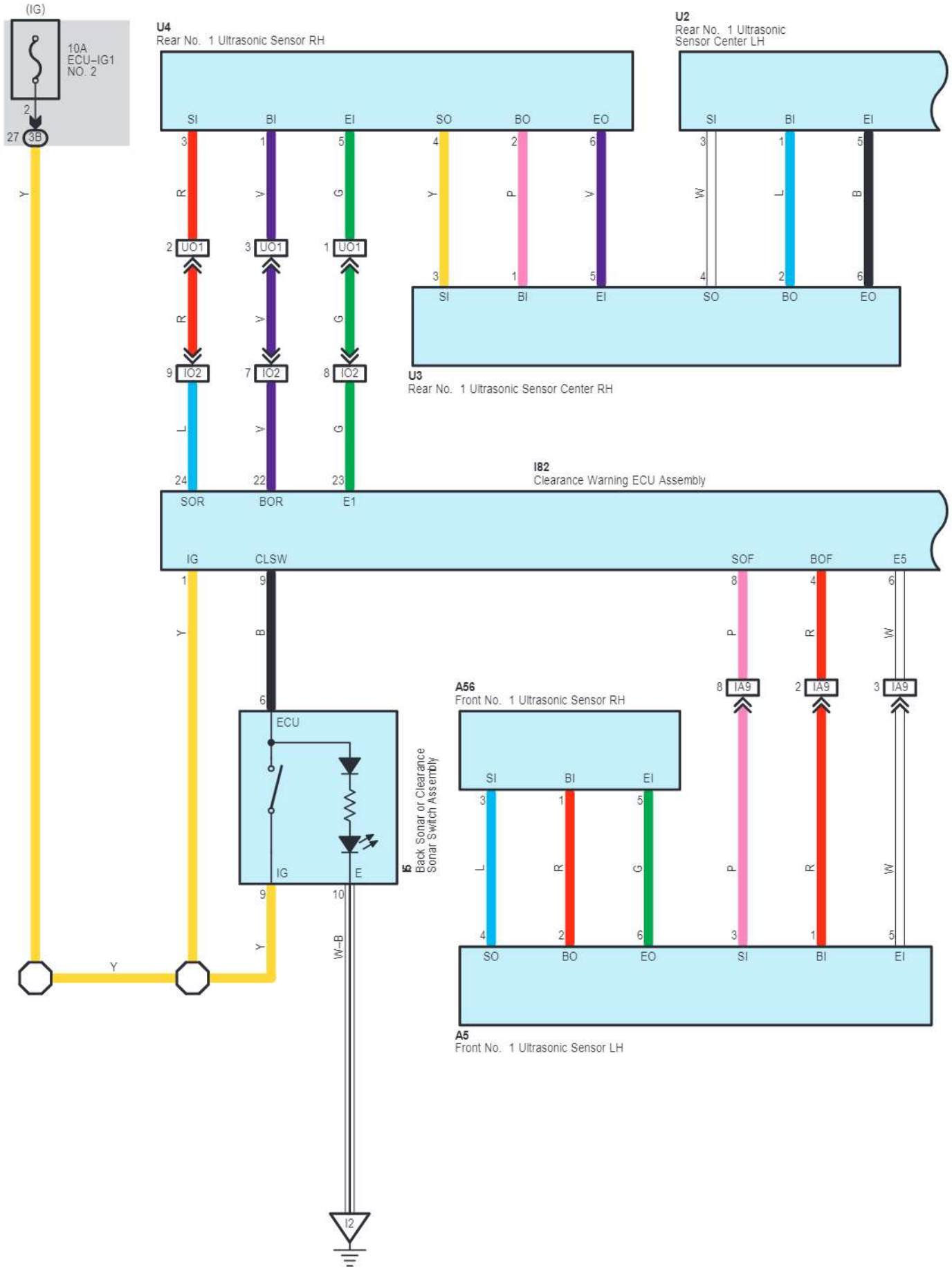
IS2
White

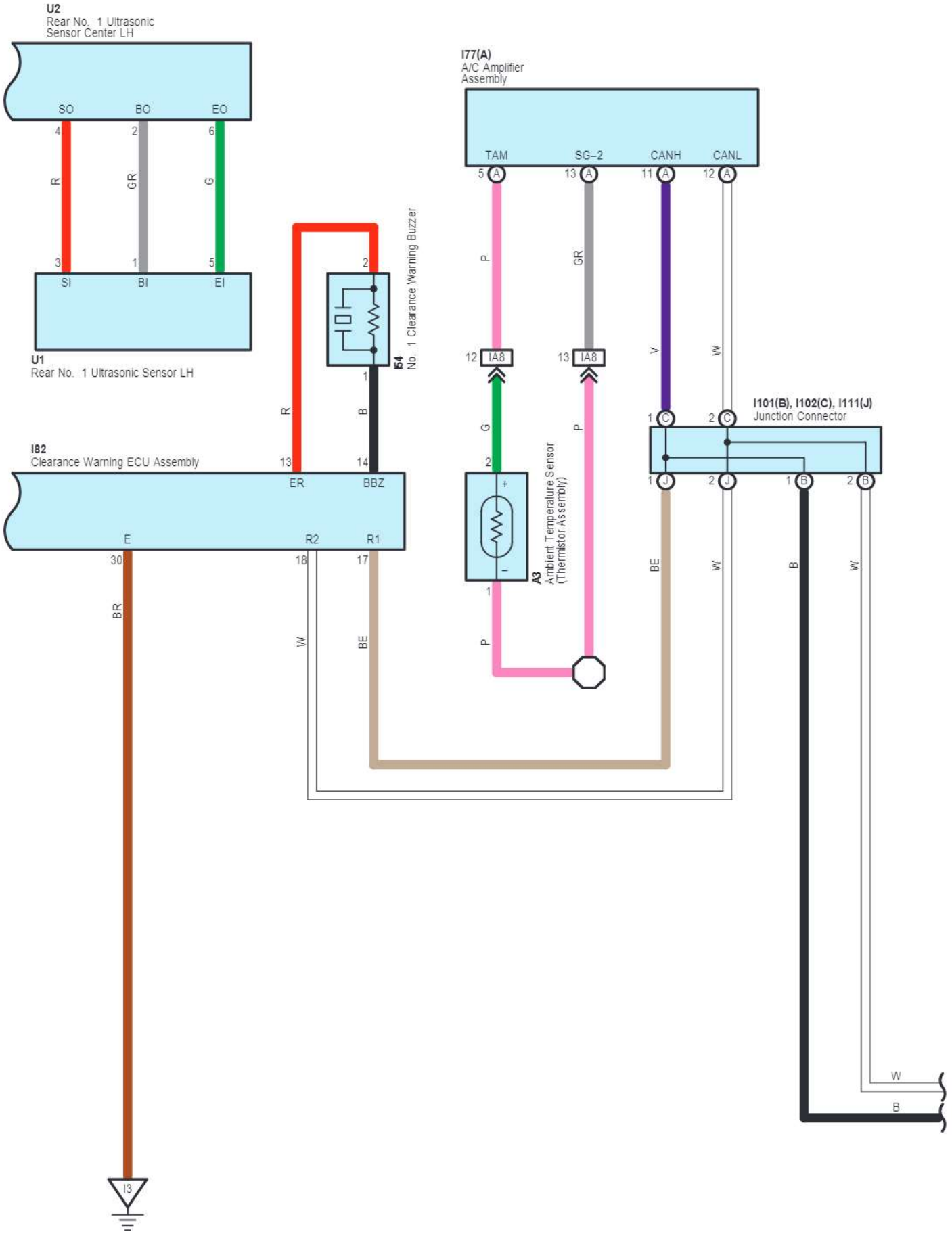


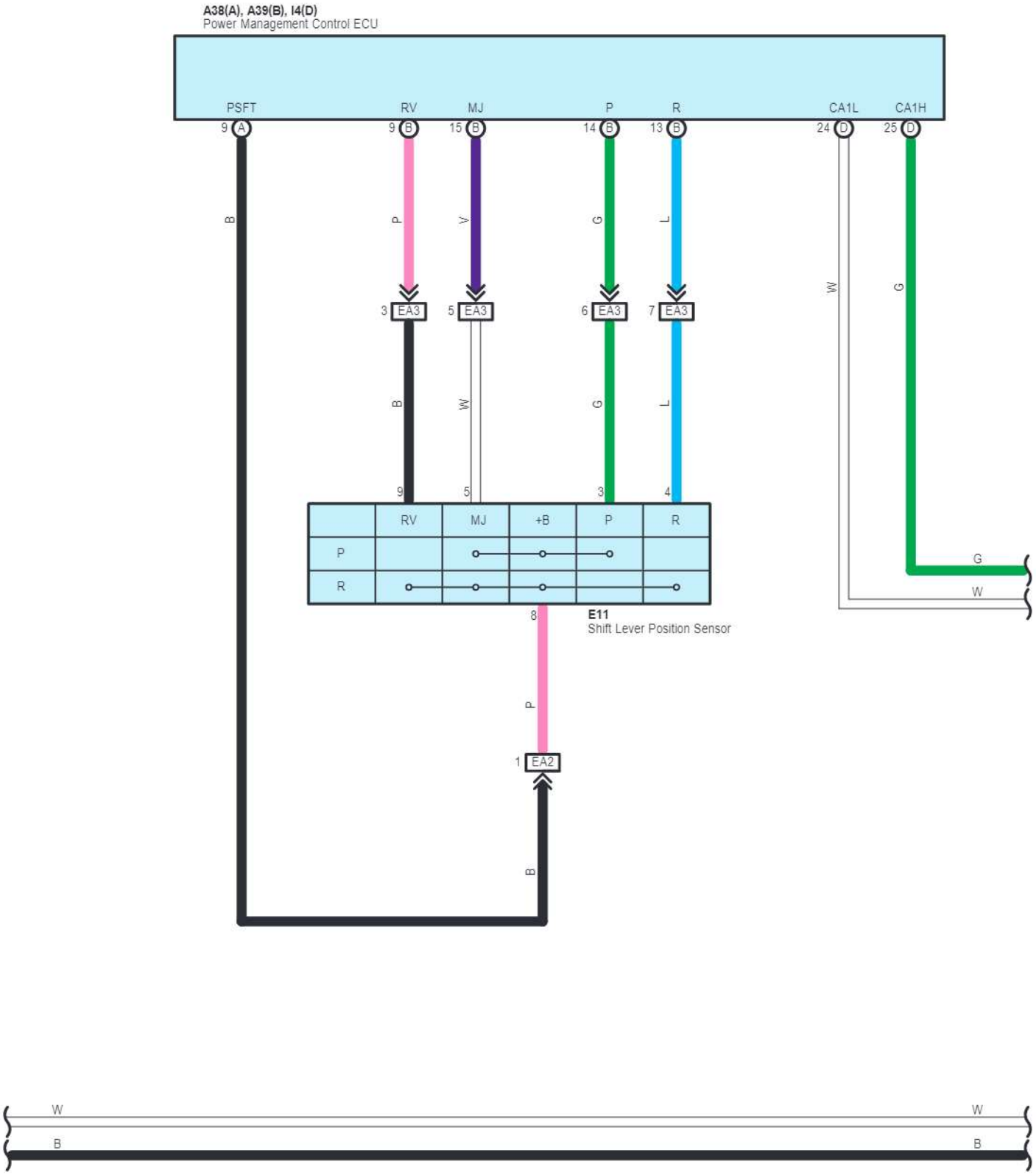
Ij2
White



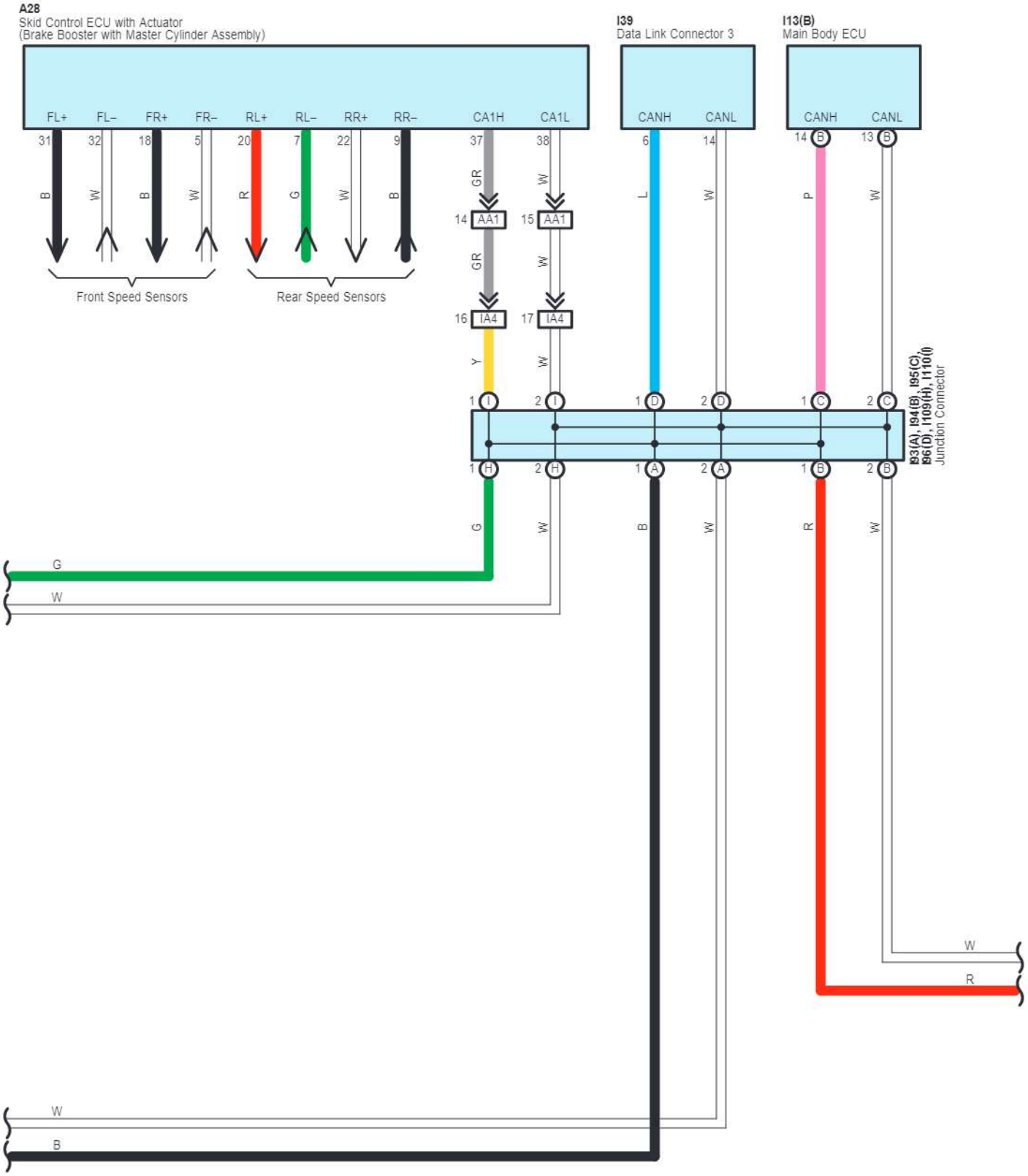

TO1
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

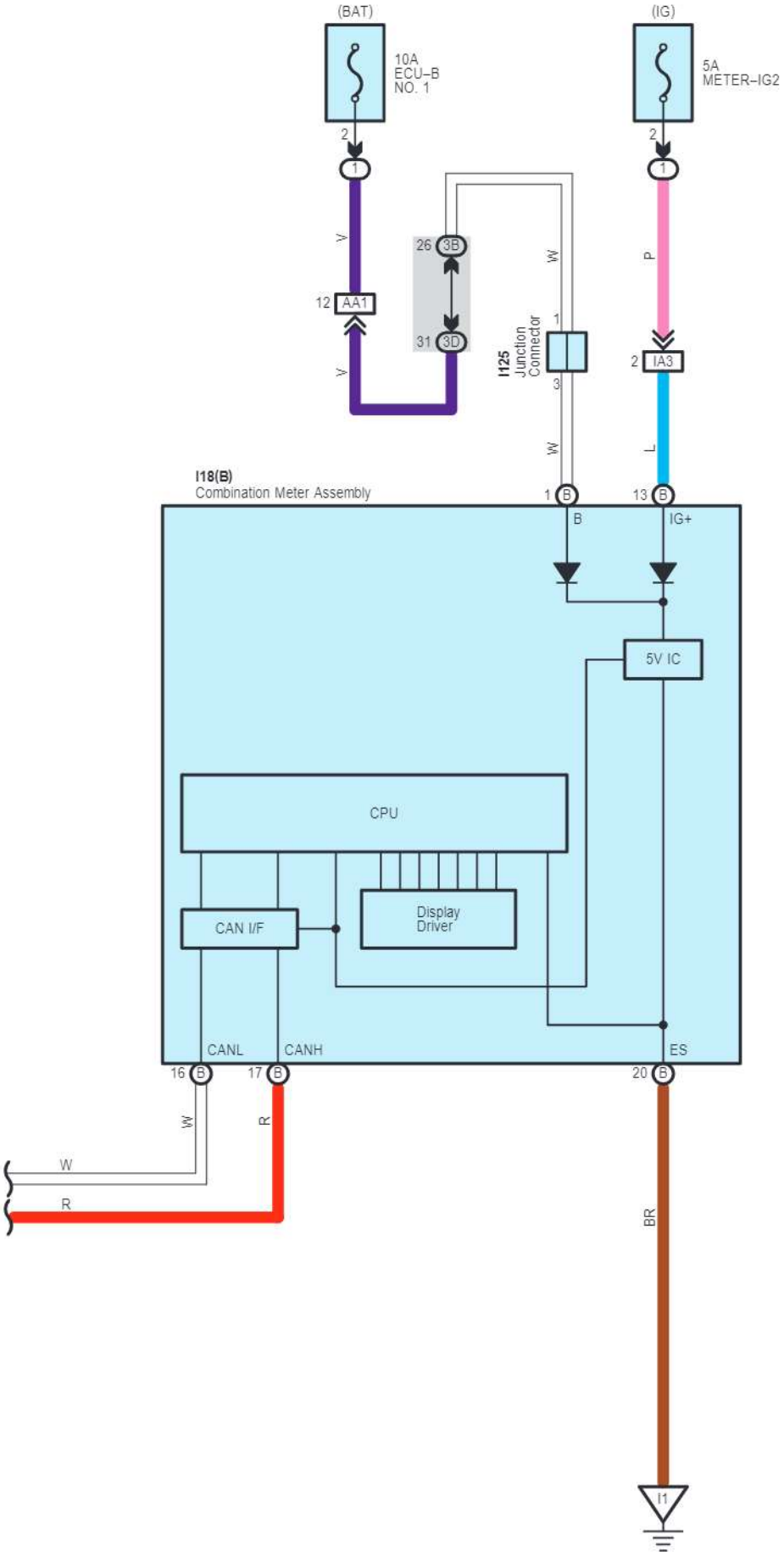

(IG)
10A
ECU-IG1
NO. 2
2
27 3B
Y
U4
Rear No. 1 Ultrasonic Sensor RH
SI BI EI SO BO EO
3 1 5 4 2 6
R V G Y P V
2 UO1 3 UO1 1 UO1
R V G
9 IO2 7 IO2 8 IO2
L V G
24 22 23
SOR BOR E1
U2
Rear No. 1 Ultrasonic
Sensor Center LH
SI BI EI
3 1 5
W L B
4 2 6
SO BO EO
U3
Rear No. 1 Ultrasonic Sensor Center RH
SI BI EI SO BO EO
3 1 5 4 2 6
I82
Clearance Warning ECU Assembly
IG CLSW SOF BOF E5
1 9 8 4 6
Y B P R W
6 8 IA9 2 IA9 3 IA9
ECU
IG E
9 10
Y W-B
E5
Back Sonar or Clearance
Sonar Switch Assembly
A56
Front No. 1 Ultrasonic Sensor RH
SI BI EI
3 1 5
L R G
4 2 6
SO BO EO
P R W
3 1 5
SI BI EI
A5
Front No. 1 Ultrasonic Sensor LH
I2
Y


U2
Rear No. 1 Ultrasonic Sensor Center LH
SO
BO
EO
4
2
6
R
GR
G
3
1
5
SI
BI
EI
U1
Rear No. 1 Ultrasonic Sensor LH
I54
No. 1 Clearance Warning Buzzer
2
1
R
B
I82
Clearance Warning ECU Assembly
13
14
ER
BBZ
E
R2
R1
30
18
17
BR
W
BE
I3
I77(A)
A/C Amplifier Assembly
TAM
SG-2
CANH
CANL
5 A
13 A
11 A
12 A
P
GR
V
W
12 IA8
13 IA8
G
P
2
1
A3
Ambient Temperature Sensor (Thermistor Assembly)
I101(B), I102(C), I111(J)
Junction Connector
1 C
2 C
1 J
2 J
1 B
2 B
BE
W
B
W
B


A38(A), A39(B), I4(D)
Power Management Control ECU
PSFT
RV
MJ
P
R
CA1L
CA1H
9 A
9 B
15 B
14 B
13 B
24 D
25 D
B
P
V
G
L
W
G
3 EA3
5 EA3
6 EA3
7 EA3
B
W
G
L
9
5
3
4
RV
MJ
+B
P
R
P
R
G
W
8
E11
Shift Lever Position Sensor
P
1 EA2
B

W
W
B
B

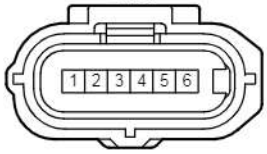

A28
Skid Control ECU with Actuator
(Brake Booster with Master Cylinder Assembly)
FL+
FL−
FR+
FR−
RL+
RL−
RR+
RR−
CA1H
CA1L
31
32
18
5
20
7
22
9
37
38
B
W
B
W
R
G
W
B
GR
W
14 AA1
15 AA1
GR
W
16 IA4
17 IA4
Y
W
Front Speed Sensors
Rear Speed Sensors
I39
Data Link Connector 3
CANH
CANL
6
14
L
W
I13(B)
Main Body ECU
CANH
CANL
14 B
13 B
P
W
B93(A), B94(B), B95(C),
B96(D), I109(H), I110(I)
Junction Connector
1 I
2 I
1 D
2 D
1 C
2 C
1 H
2 H
1 A
2 A
1 B
2 B
G
W
B
W
R
W
G
W
W
R
W
B


(BAT)
10A
ECU-B
NO. 1
(IG)
5A
METER-IG2
2
1
V
12 AA1
26 3B
31 3D
W
I125
Junction
Connector
1
3
P
2 IA3
L
I18(B)
Combination Meter Assembly
1 B
13 B
B
IG+
5V IC
CPU
CAN I/F
Display
Driver
CANL
CANH
ES
16 B
17 B
20 B
W
R
BR
I1

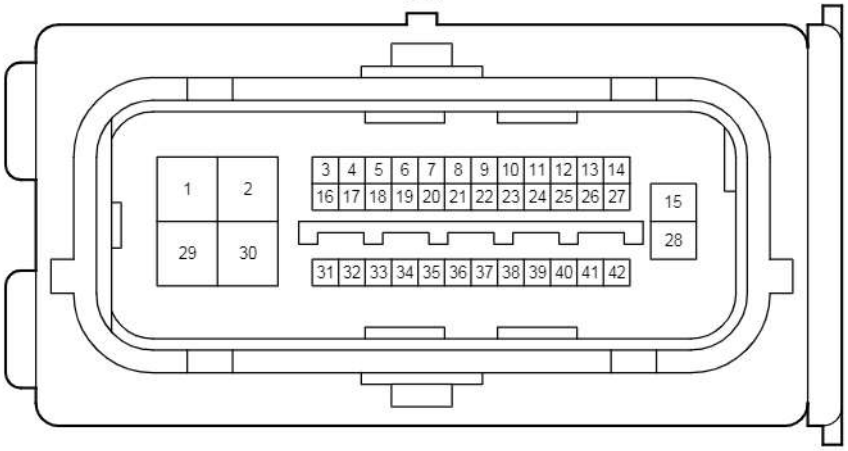
A 3
Black



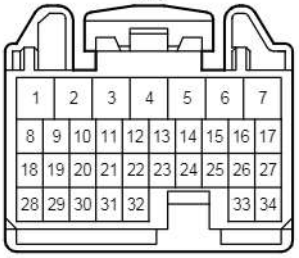
A 5
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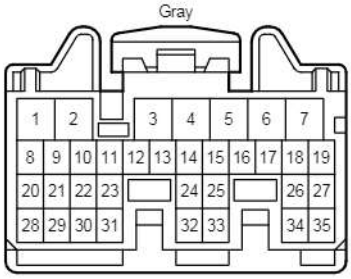
A 28
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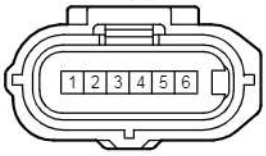
A 38
Gray



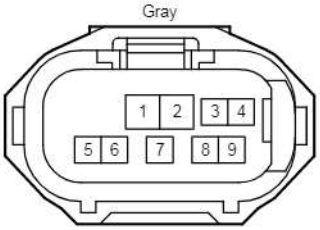
A 39
Gray



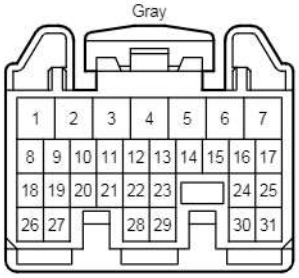
A 56
Black



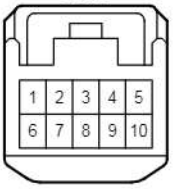
E 11
Gray



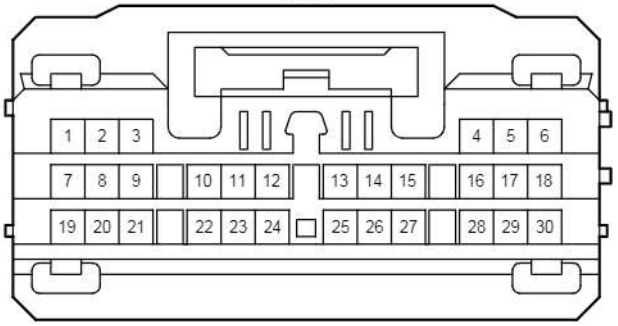
I 4
Gray



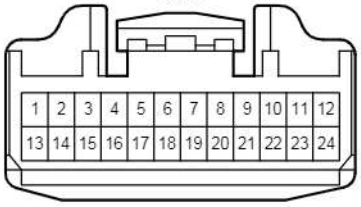
I 5
Black



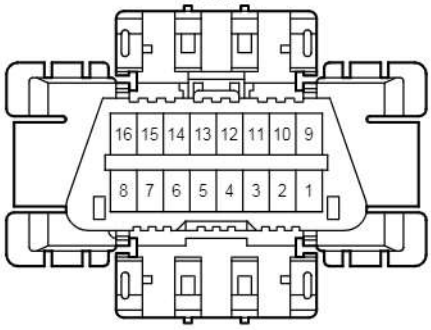
I 13
White



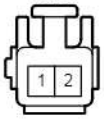
I 18
Black



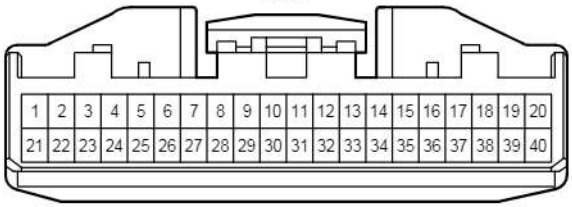
I 39
White



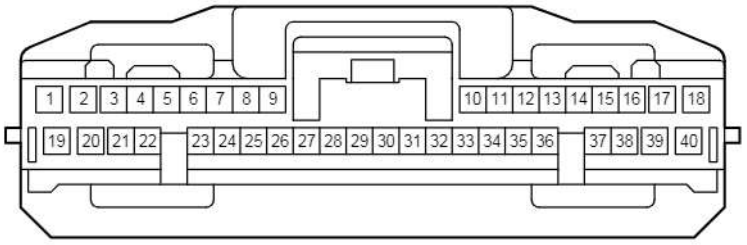
I 54
Black



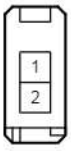
I 77
White



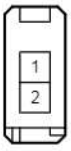
I 82
Black



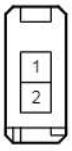
I 93
White



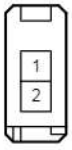
I 94
White



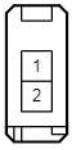
I 95
White



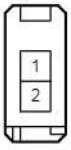
I 96
White



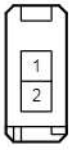
I101
White



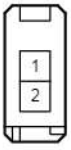
I102
White



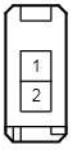
I109
White



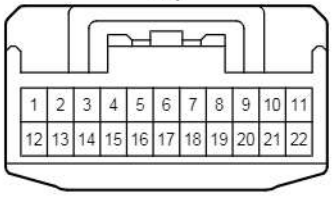
I110
White



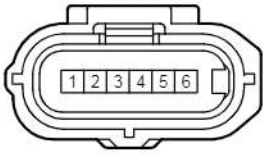
I111
White



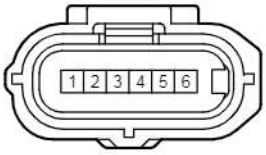
I125
Gray



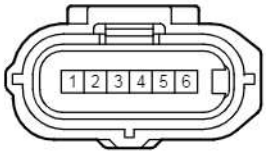
U 1
Black



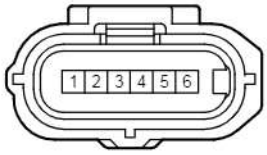
U 2
Black



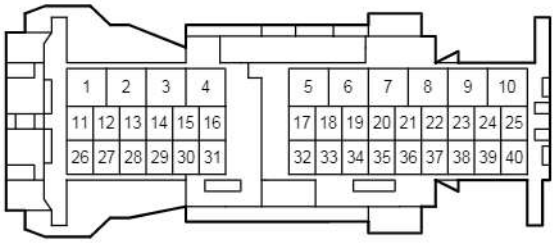
U 3
Black



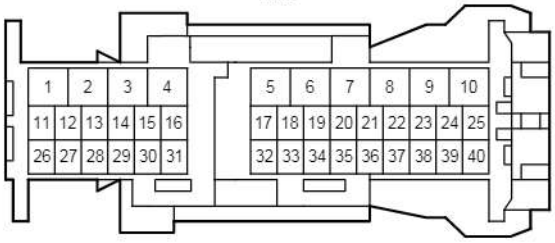
U 4
Black



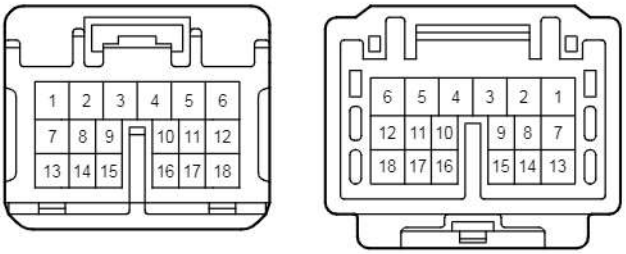
3B
White



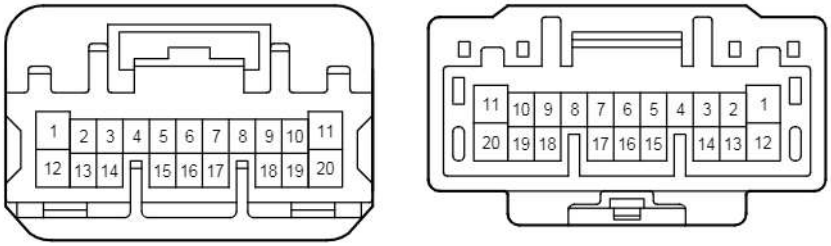
3D
White



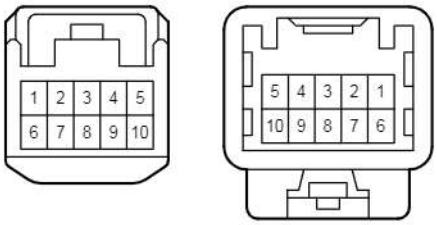
AA1
Blue



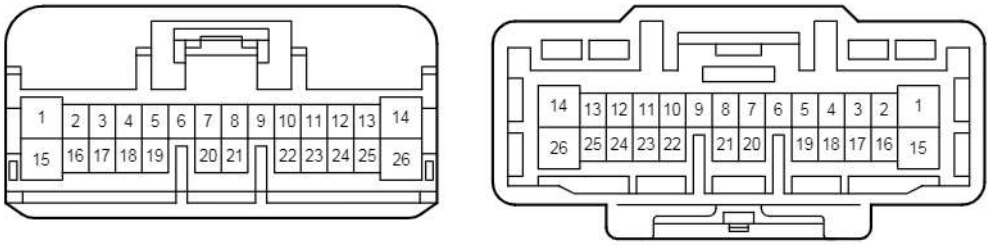
EA2
White



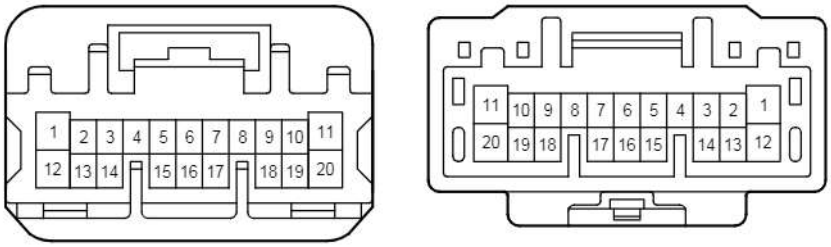
EA3
White

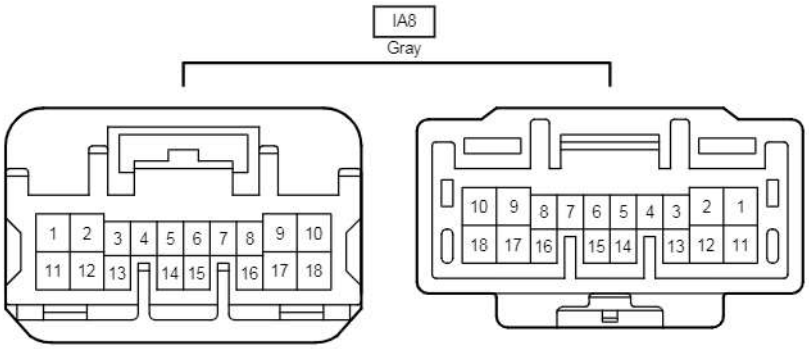


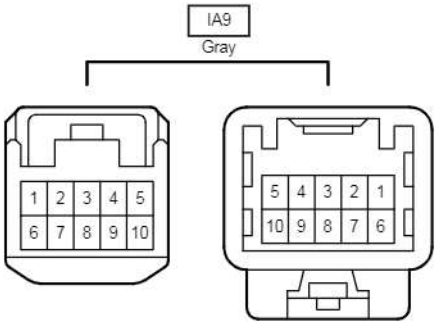
IA3
Blue

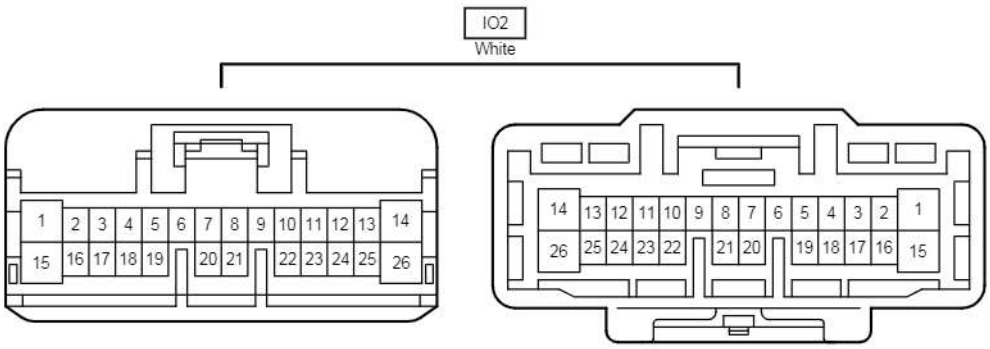


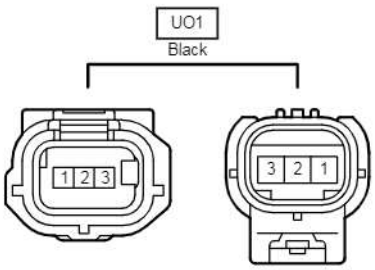
IA4
Gray

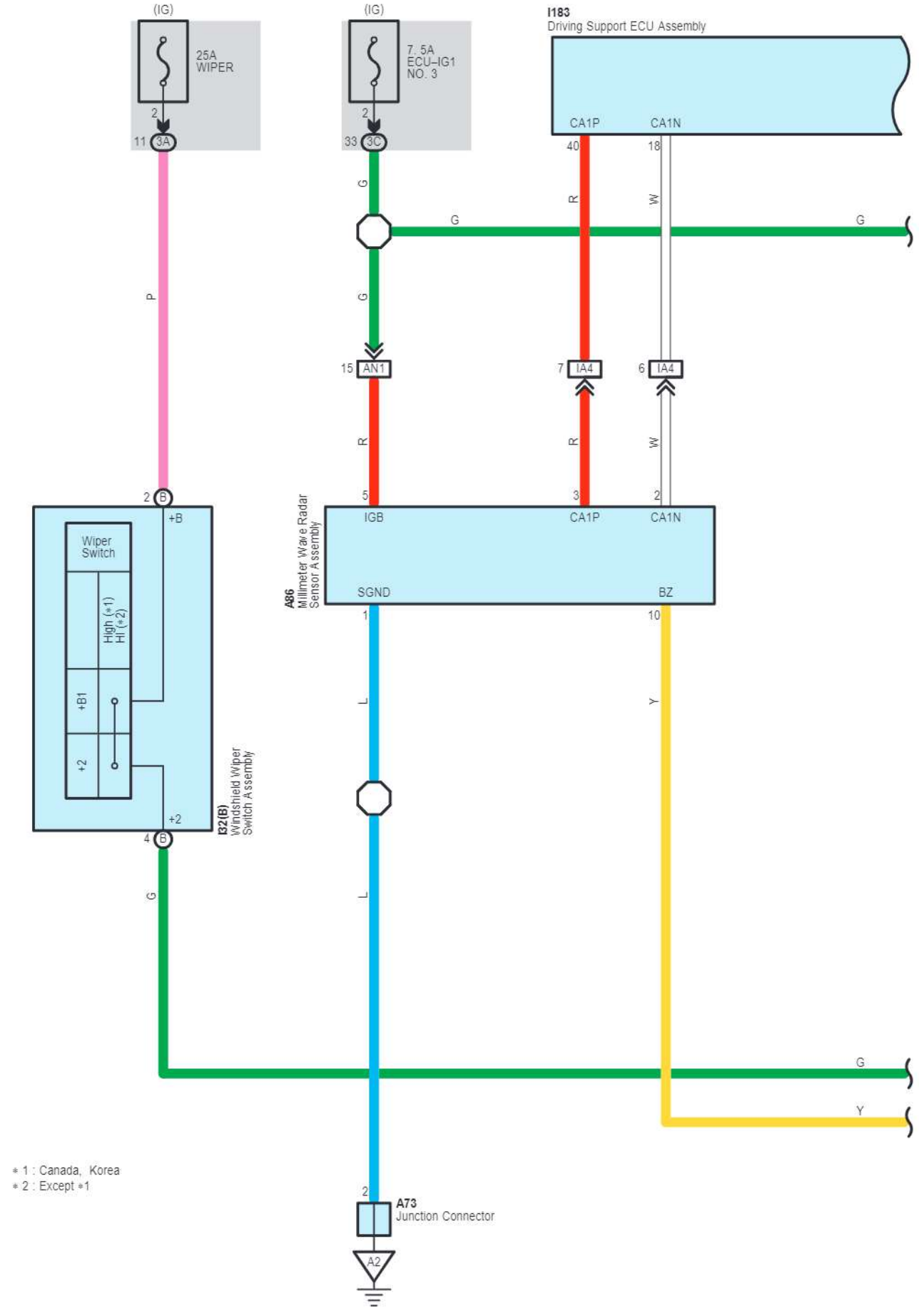



IA8
Gray
1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18
10 9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11

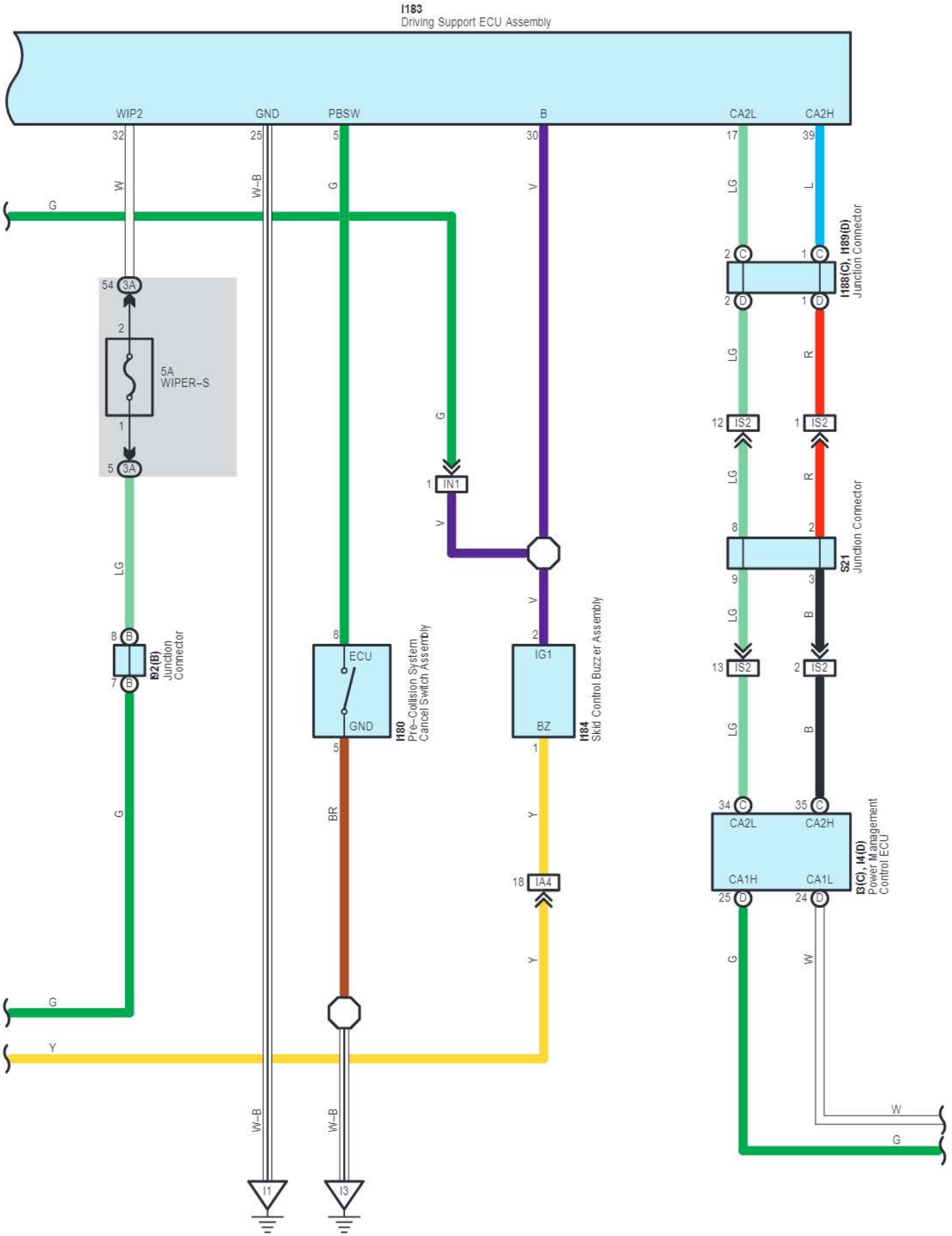

IA9
Gray
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

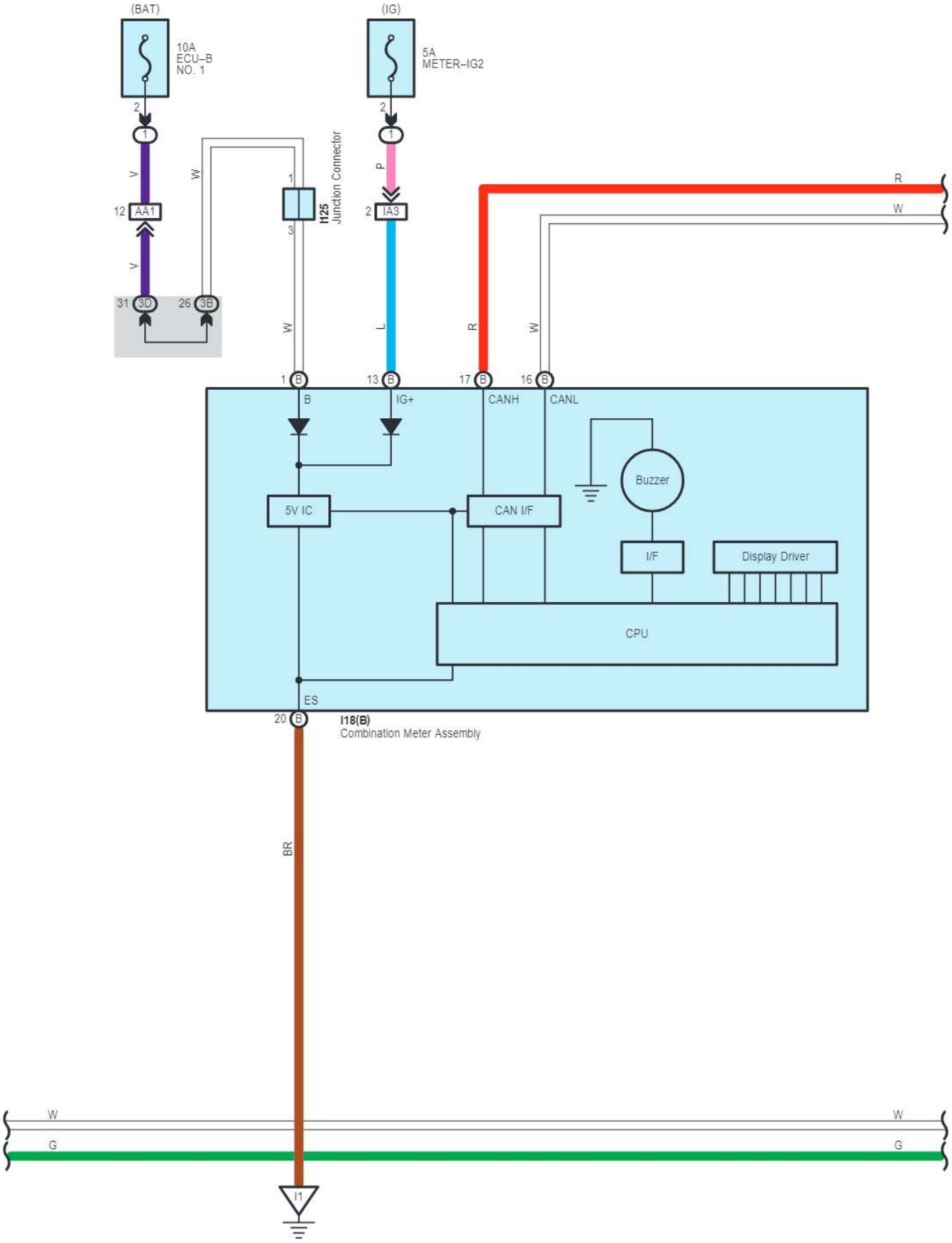

IO2
White
1 2 3 4 5 6 7 8 9 10 11 12 13 14
15 16 17 18 19 20 21 22 23 24 25 26
14 13 12 11 10 9 8 7 6 5 4 3 2 1
26 25 24 23 22 21 20 19 18 17 16 15

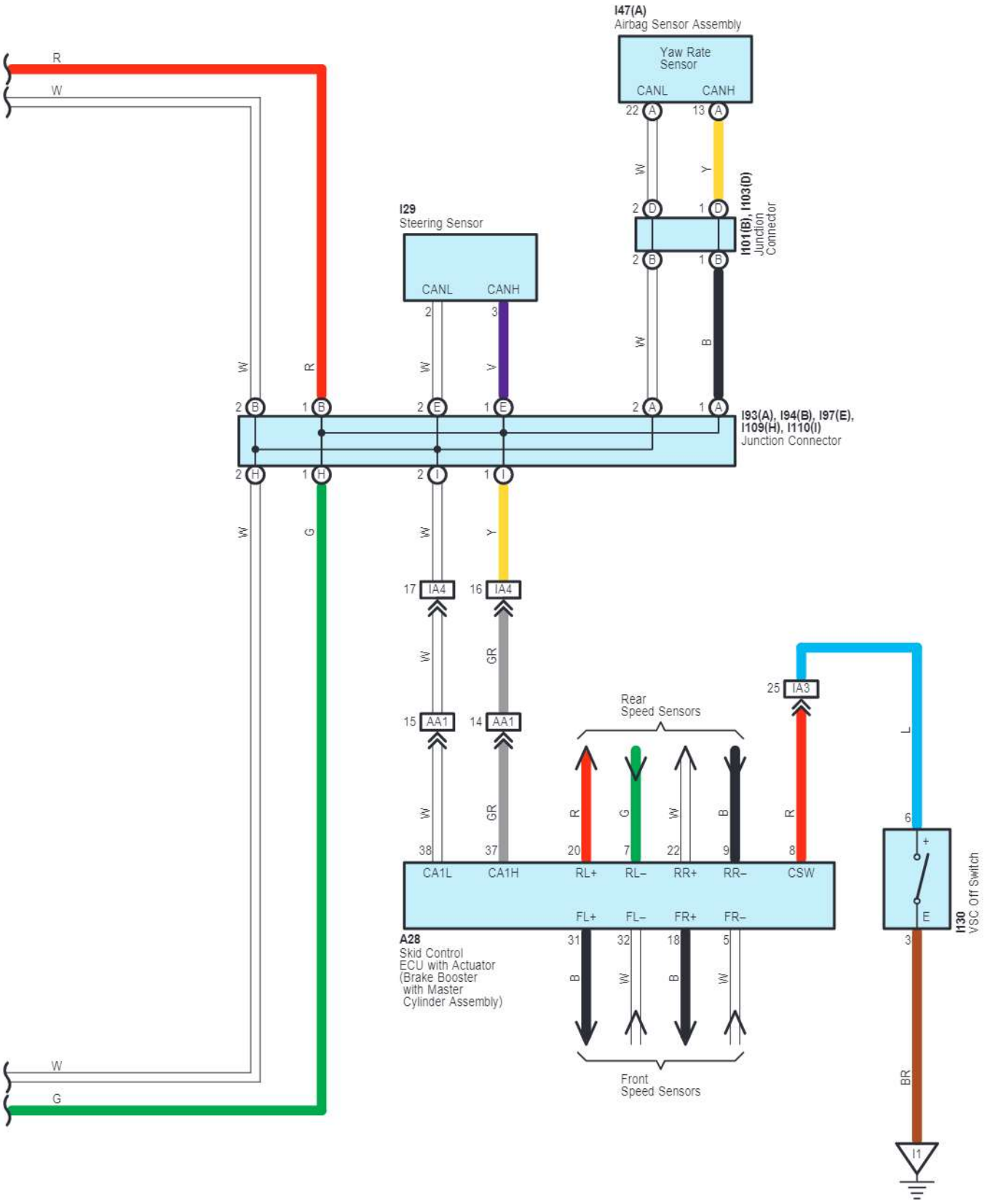

UO1
Black
1 2 3
3 2 1



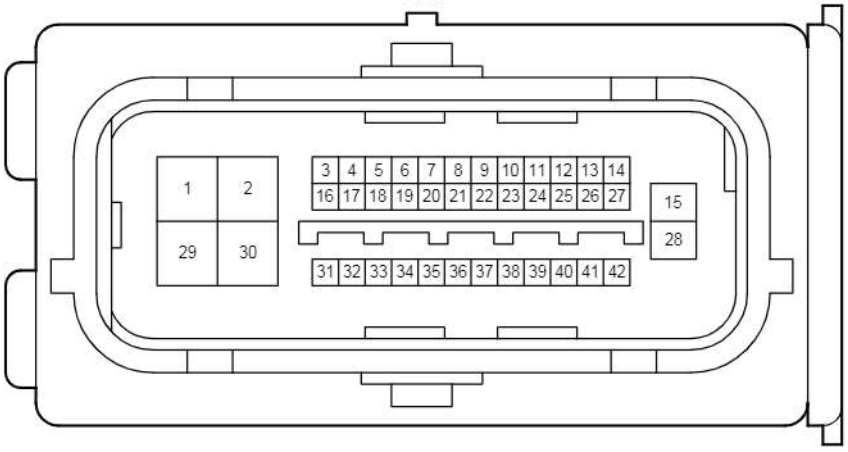
* 1 : Canada, Korea
* 2 : Except *1


I183
Driving Support ECU Assembly
WIP2
GND
PBSW
B
CA2L
CA2H
32
25
5
30
17
39
W
W-B
G
V
LG
L
G
2 C
1 C
I188(C), I189(D)
Junction Connector
2 D
1 D
54 3A
2
5A
WIPER-S
1
5 3A
LG
R
12 IS2
1 IS2
G
1 IN1
V
LG
R
8
2
S21
Junction Connector
9
3
LG
B
8 B
7 B
B2(B)
Junction
Connector
8
ECU
GND
5
I180
Pre-Collision System
Cancel Switch Assembly
2
IG1
BZ
1
I184
Skid Control Buzzer Assembly
13 IS2
2 IS2
LG
B
G
BR
Y
34 C
35 C
CA2L
CA2H
CA1H
CA1L
25 D
24 D
I3(C), I4(D)
Power Management
Control ECU
18 1A4
G
Y
W-B
W-B
W
G
I1
I3


(BAT)
10A
ECU–B
NO. 1
(IG)
5A
METER–IG2
2
1
V
12 AA1
V
31 3D
26 3B
W
1
3
I125
Junction Connector
W
P
2 IA3
L
R
W
R
W
1 B
13 B
17 B
16 B
B
IG+
CANH
CANL
5V IC
CAN I/F
Buzzer
I/F
Display Driver
CPU
ES
20 B
I18(B)
Combination Meter Assembly
BR
W
G
W
G
I1


I47(A)
Airbag Sensor Assembly
Yaw Rate Sensor
CANL
CANH
I29
Steering Sensor
I101(B), I103(D)
Junction Connector
I93(A), I94(B), I97(E), I109(H), I110(I)
Junction Connector
IA4
AA1
IA3
Rear Speed Sensors
Front Speed Sensors
A28
Skid Control ECU with Actuator (Brake Booster with Master Cylinder Assembly)
CA1L
CA1H
RL+
RL−
RR+
RR−
CSW
FL+
FL−
FR+
FR−
I130
VSC Off Switch
I1

A 28
Black



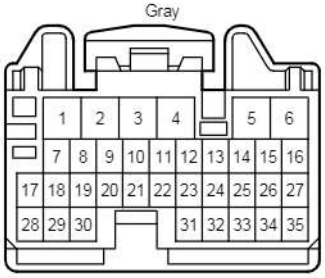
A 73
Gray



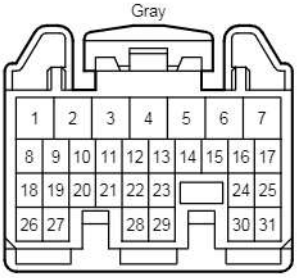
A 86
Black



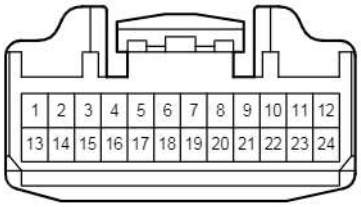
I 3
Gray



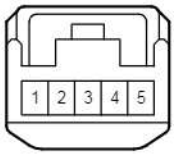
I 4
Gray



I 18
Black



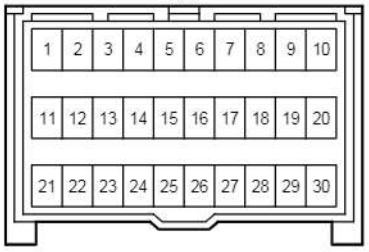
I 29
Blue



I 32
White



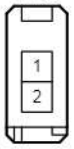
I 47
Yellow



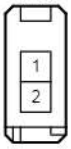
I 92
Gray



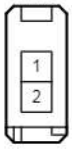
I 93
White



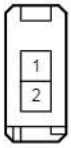
I 94
White



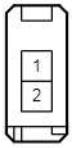
I 97
White



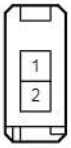
I101
White



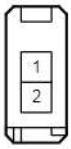
I103
White



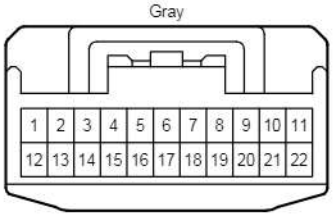
I109
White



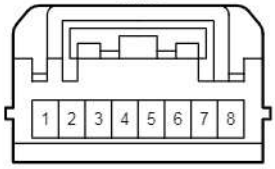
I110
White



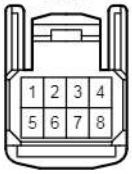
I125
Gray



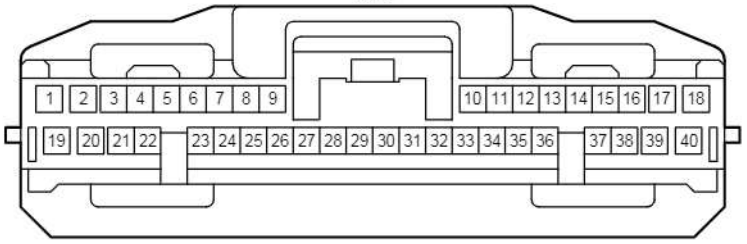
I130
Black



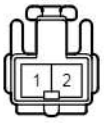
I180
White



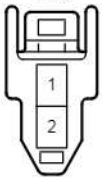
I183
White



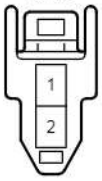
I184
Blue



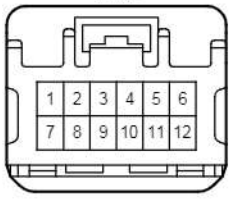
I188
White



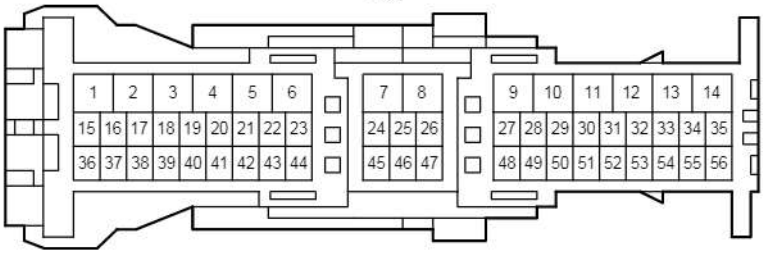
I189
White



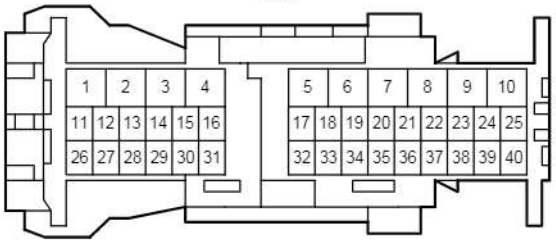
S 21
White



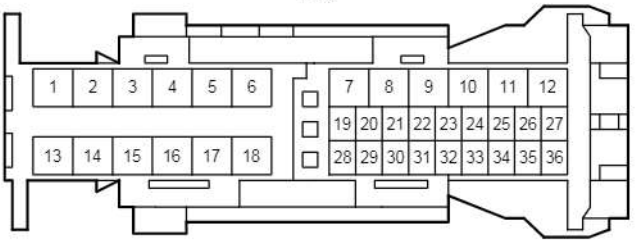
3A
White



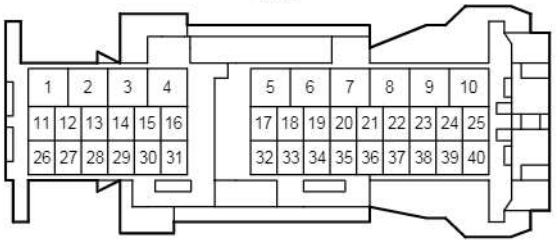
3B
White



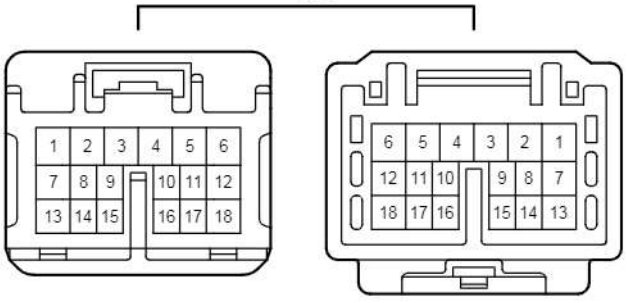
3C
White



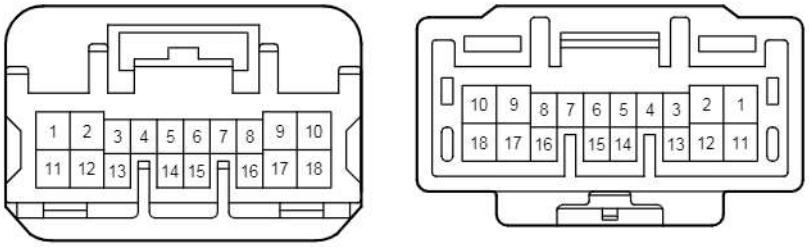
3D
White



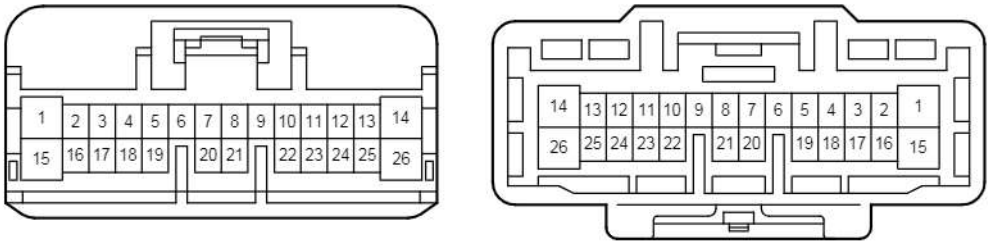
AA1
Blue



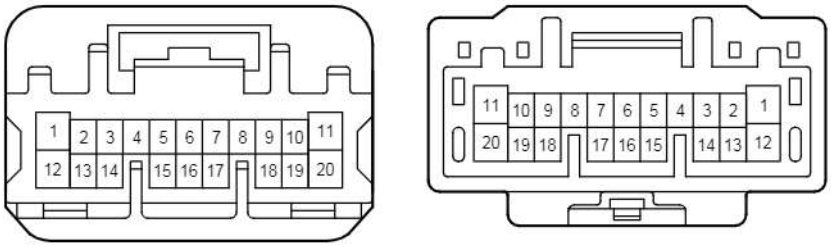
AN1
White



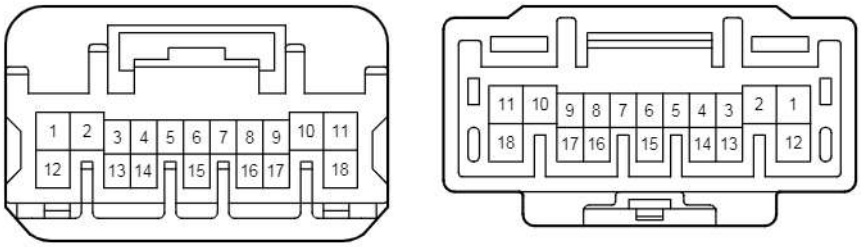
IA3
Blue



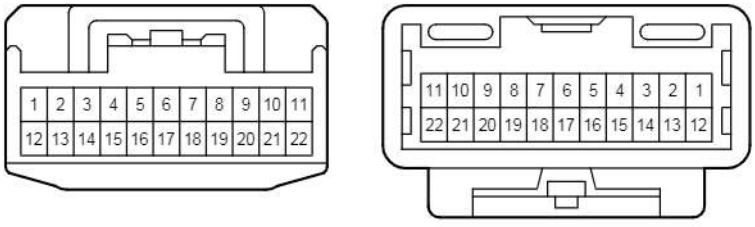
IA4
Gray

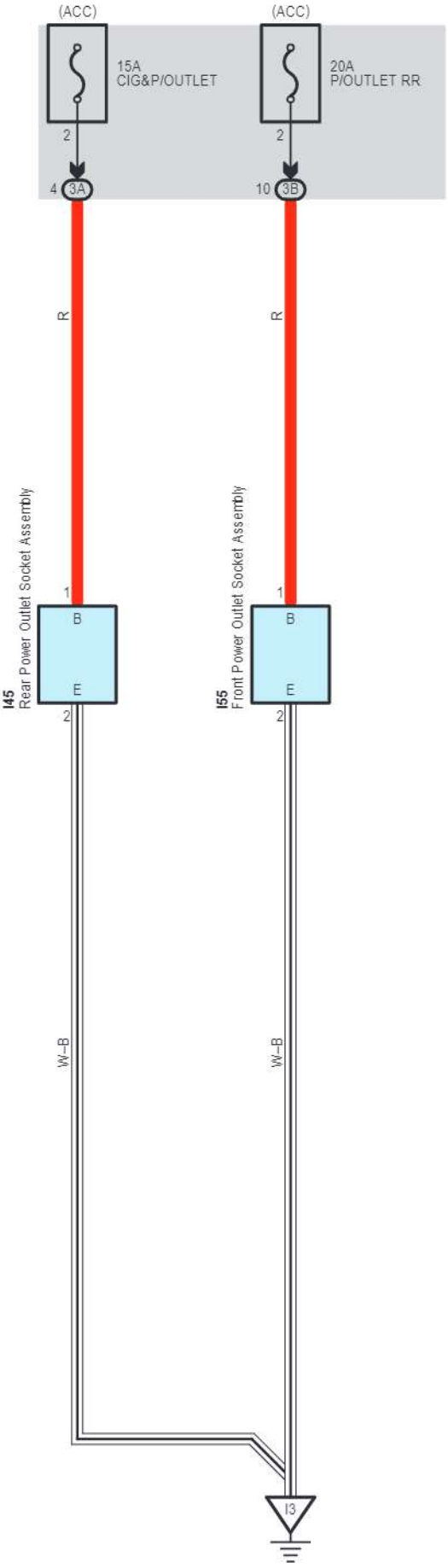


IN1
White

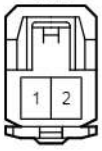


IS2
White

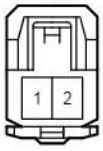



(ACC)
(ACC)
15A
CIG&P/OUTLET
20A
P/OUTLET RR
2
2
4
3A
10
3B
R
R
I45
Rear Power Outlet Socket Assembly
I55
Front Power Outlet Socket Assembly
1
B
E
2
1
B
E
2
W-B
W-B
I3

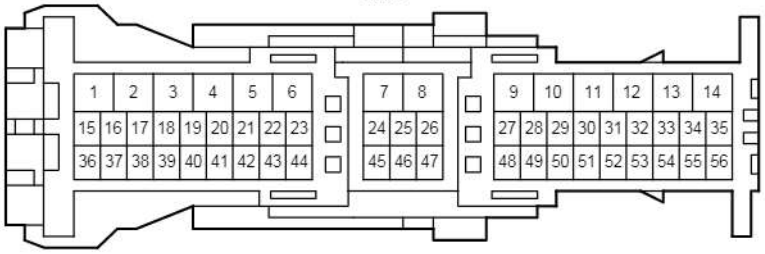
I 45
White



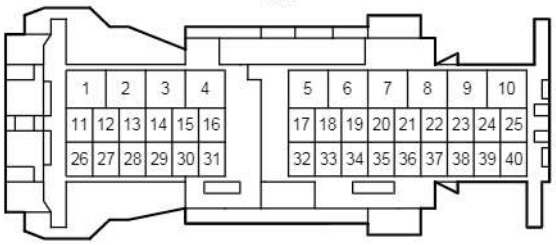
I 55
White

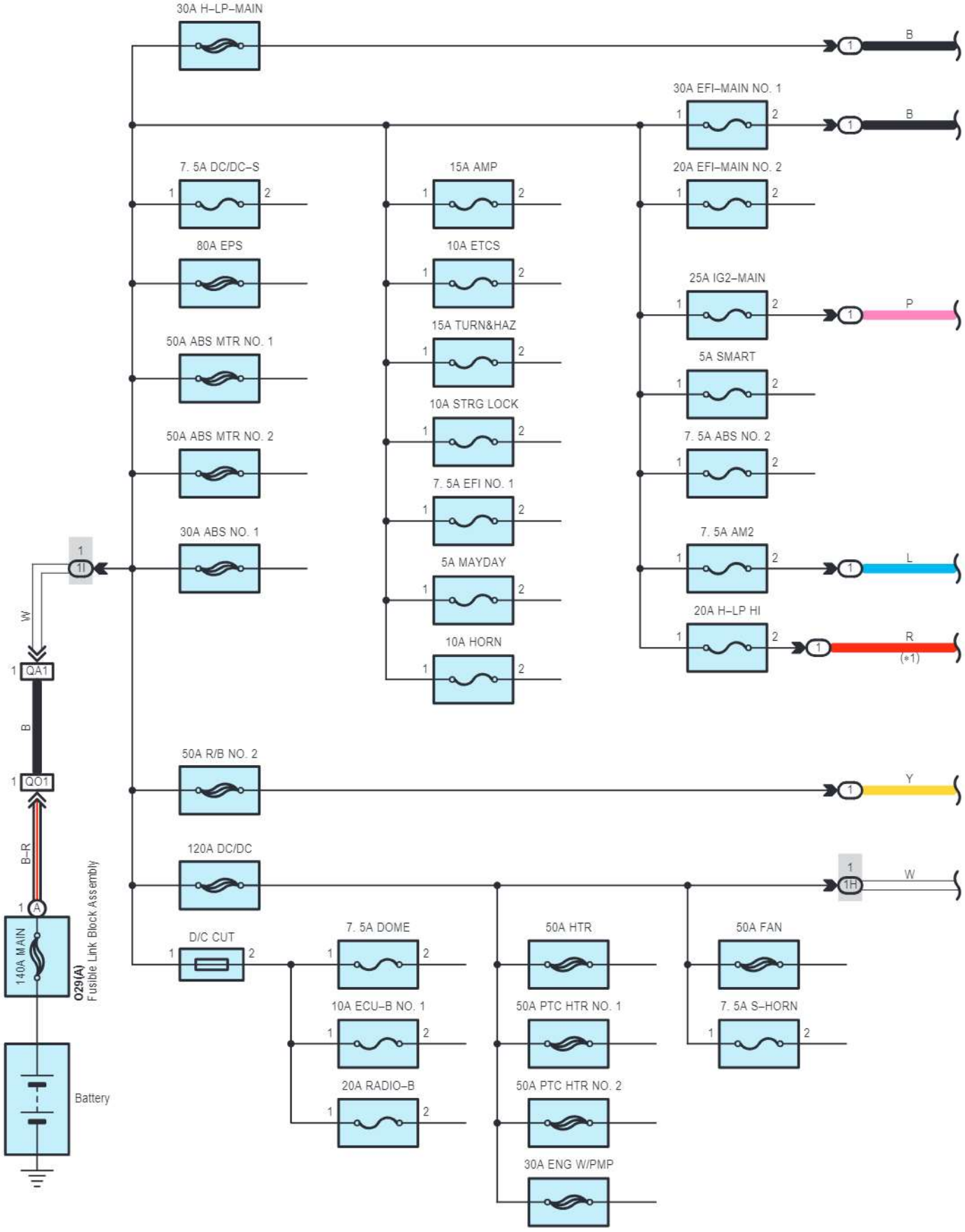


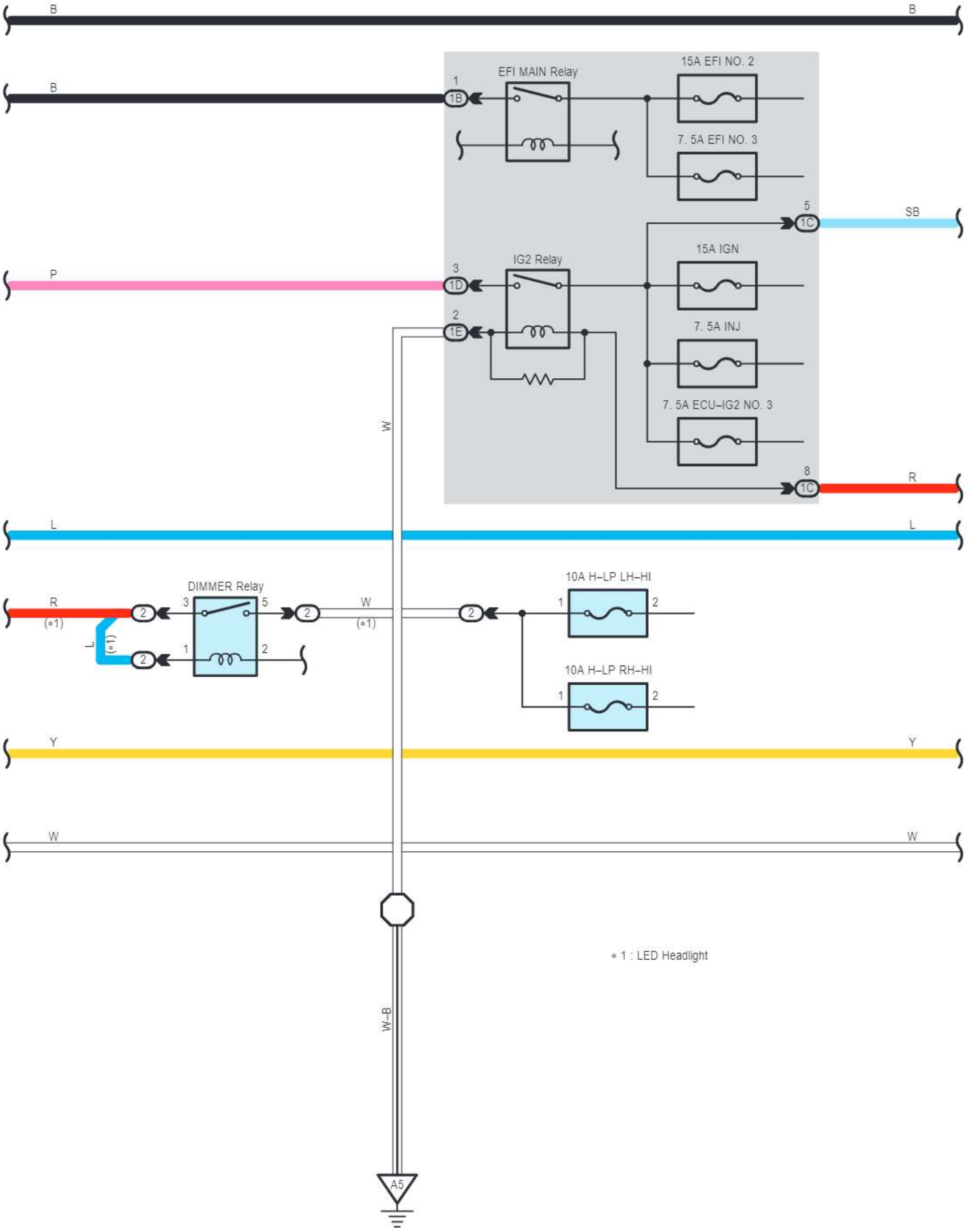
3A
White

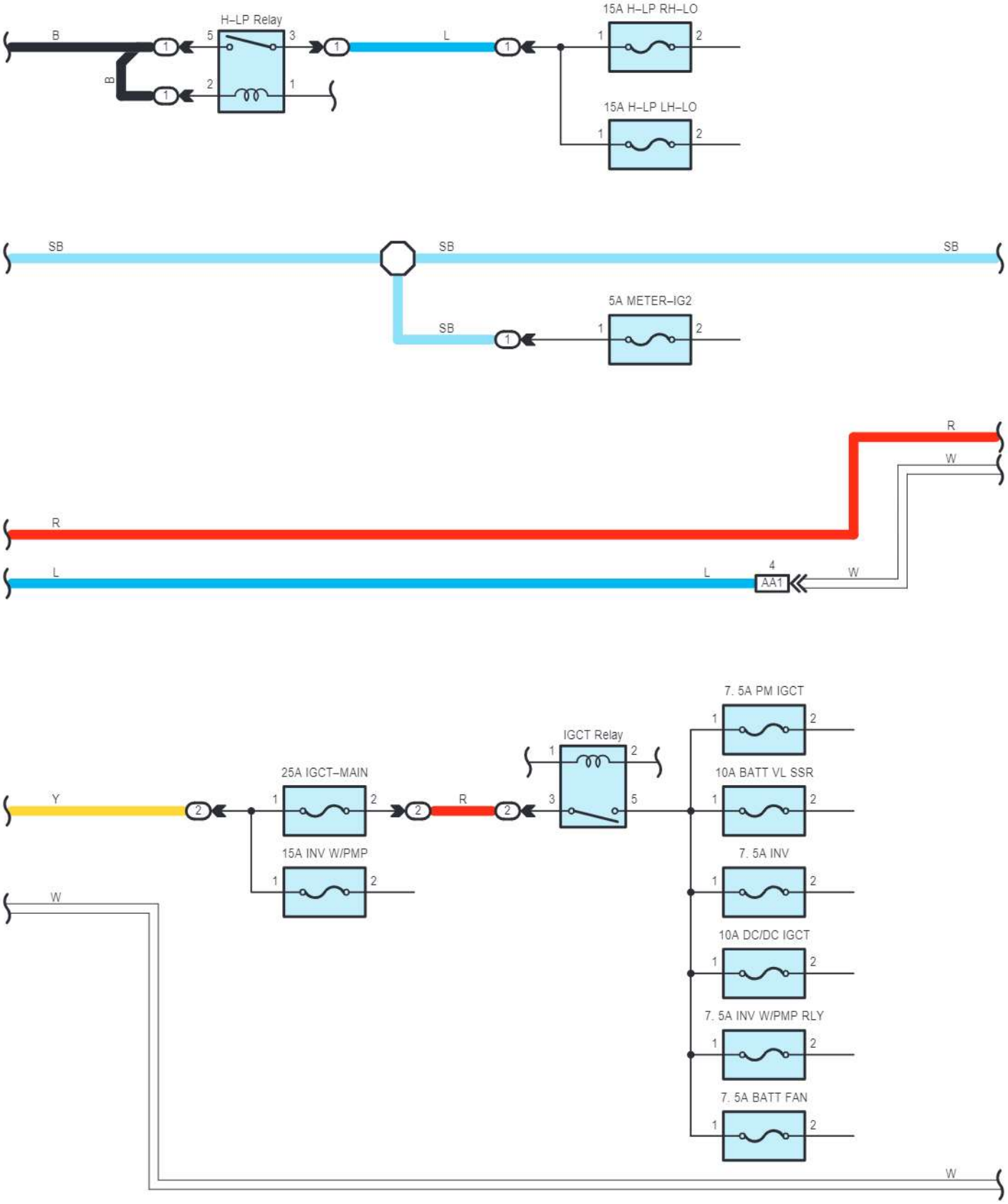


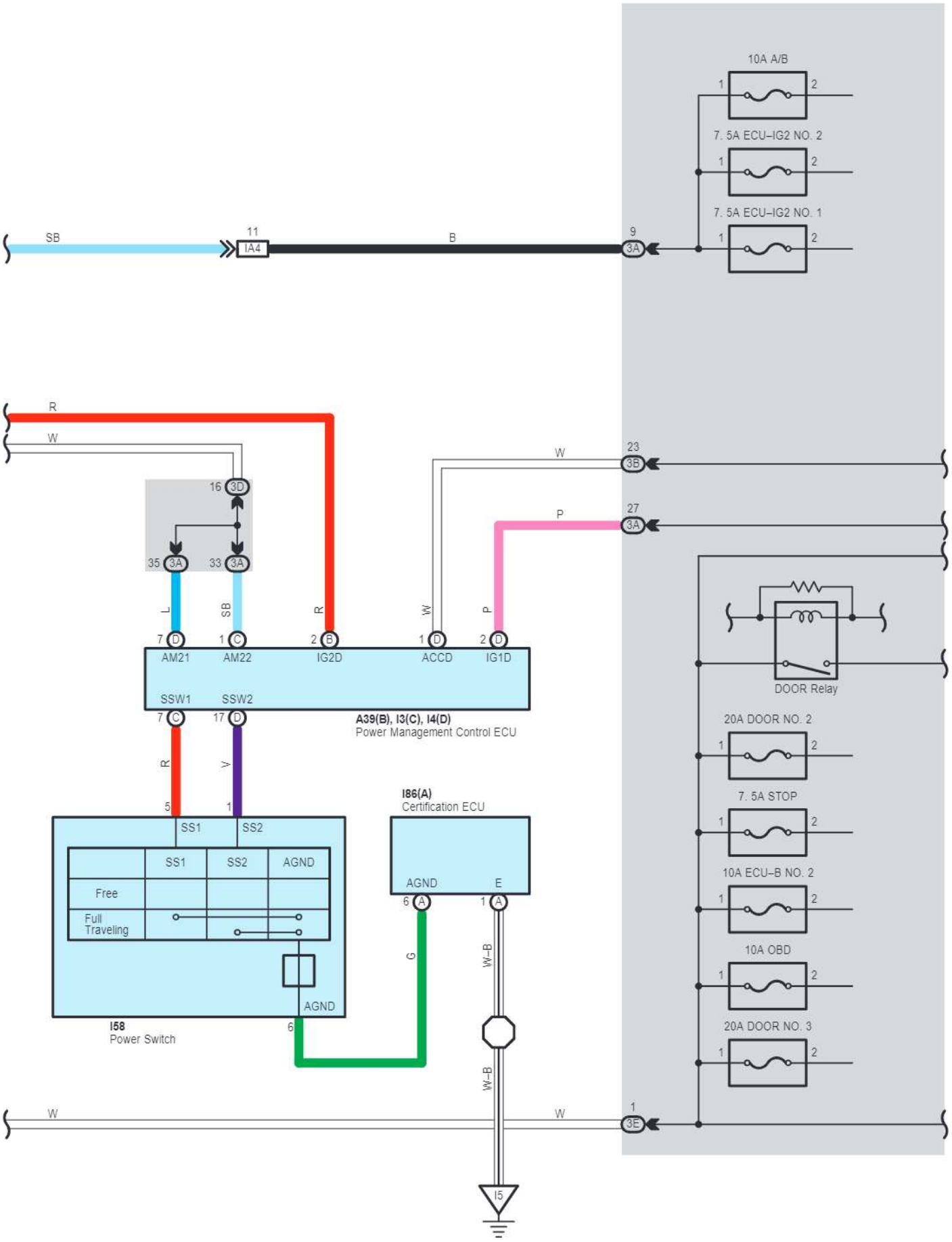
3B
White

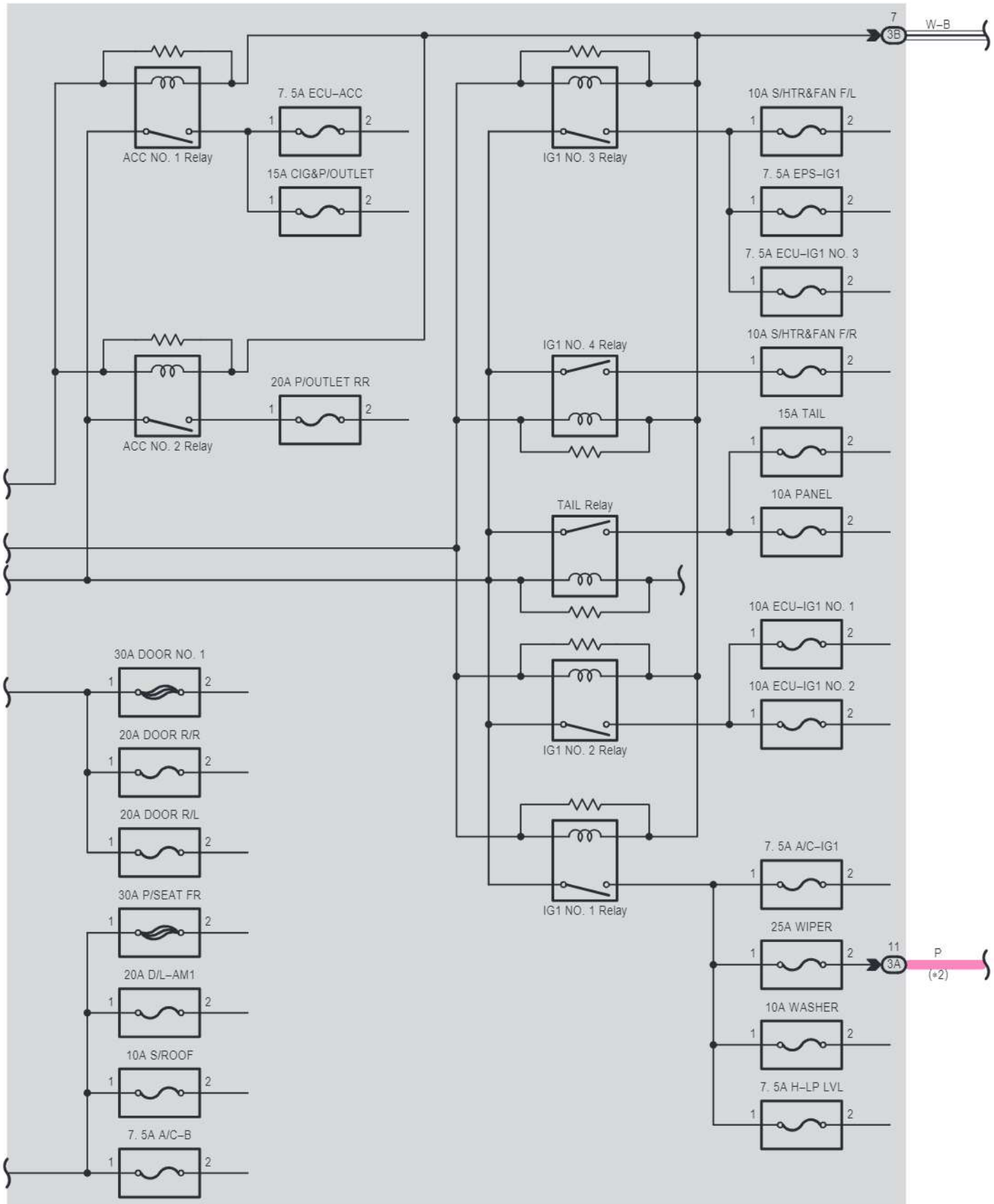


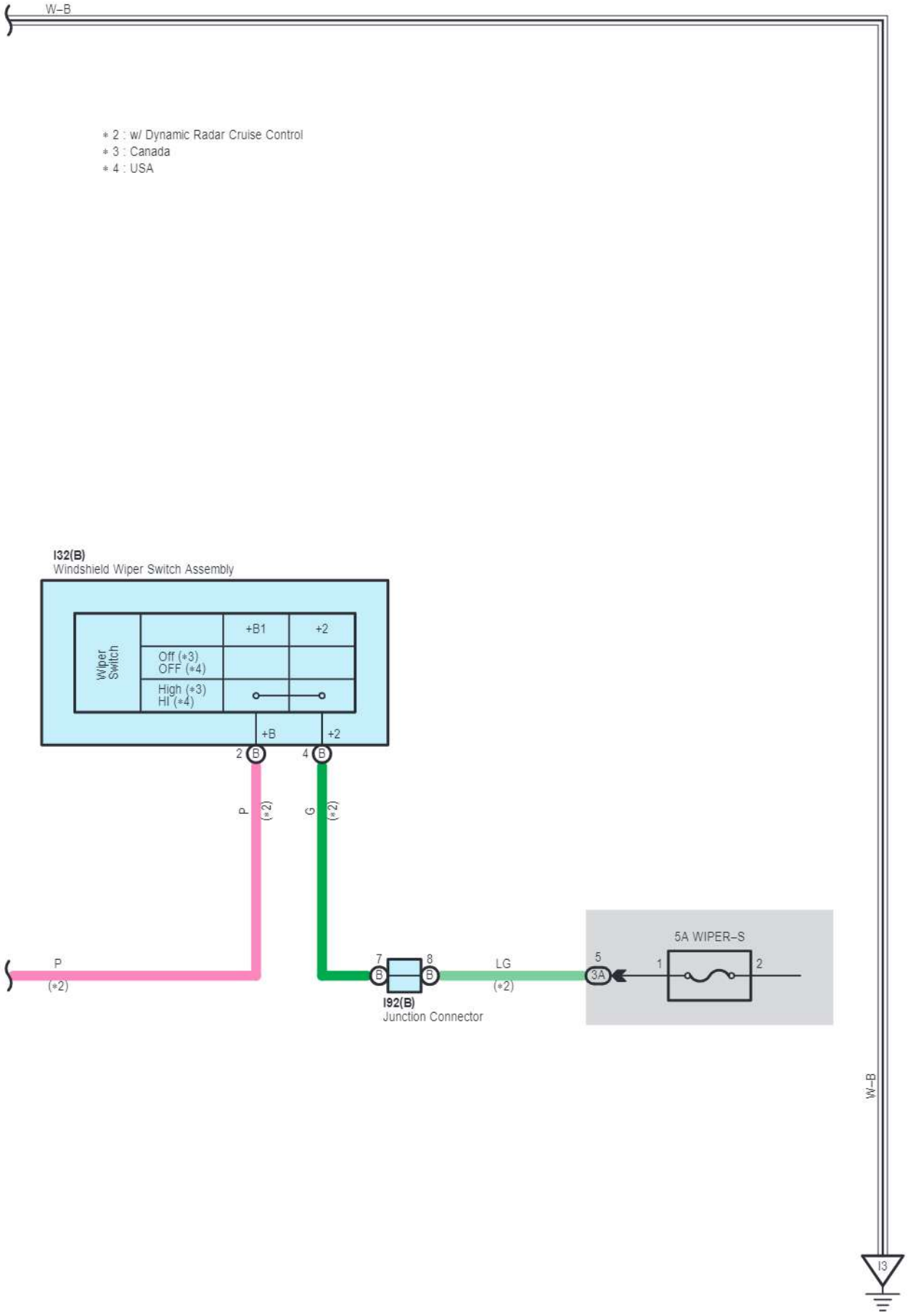

30A H–LP–MAIN
30A EFI–MAIN NO. 1
7. 5A DC/DC–S
15A AMP
20A EFI–MAIN NO. 2
80A EPS
10A ETCS
25A IG2–MAIN
50A ABS MTR NO. 1
15A TURN&HAZ
5A SMART
10A STRG LOCK
50A ABS MTR NO. 2
7. 5A ABS NO. 2
7. 5A EFI NO. 1
30A ABS NO. 1
7. 5A AM2
5A MAYDAY
20A H–LP HI
10A HORN
B
P
L
R
(*1)
Y
W
1I
1H
QA1
QO1
B
B–R
50A R/B NO. 2
120A DC/DC
D/C CUT
7. 5A DOME
50A HTR
50A FAN
10A ECU–B NO. 1
50A PTC HTR NO. 1
7. 5A S–HORN
20A RADIO–B
50A PTC HTR NO. 2
30A ENG W/PMP
140A MAIN
O29(A)
Fusible Link Block Assembly
Battery


B
B
B
EFI MAIN Relay
1
1B
15A EFI NO. 2
7. 5A EFI NO. 3
5
1C
SB
15A IGN
P
IG2 Relay
3
1D
2
1E
7. 5A INJ
7. 5A ECU–IG2 NO. 3
W
8
1C
R
L
L
DIMMER Relay
R
(*1)
2
3
5
2
W
(*1)
2
L
(*1)
2
1
2
10A H–LP LH–HI
1
2
10A H–LP RH–HI
1
2
Y
Y
W
W
* 1 : LED Headlight
W–B
A5

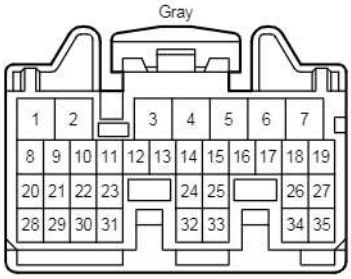

H–LP Relay
B
B
L
15A H–LP RH–LO
15A H–LP LH–LO
SB
SB
SB
SB
5A METER–IG2
R
W
R
L
L
4
AA1
W
7. 5A PM IGCT
IGCT Relay
25A IGCT–MAIN
Y
R
10A BATT VL SSR
15A INV W/PMP
7. 5A INV
W
10A DC/DC IGCT
7. 5A INV W/PMP RLY
7. 5A BATT FAN
W


10A A/B
7. 5A ECU–IG2 NO. 2
7. 5A ECU–IG2 NO. 1
SB
11
IA4
B
9
3A
R
W
16
3D
35
3A
33
3A
L
SB
R
W
P
7
D
1
C
2
B
1
D
2
D
AM21
AM22
IG2D
ACCD
IG1D
SSW1
SSW2
7
C
17
D
A39(B), I3(C), I4(D)
Power Management Control ECU
W
23
3B
P
27
3A
DOOR Relay
20A DOOR NO. 2
7. 5A STOP
10A ECU–B NO. 2
10A OBD
20A DOOR NO. 3
R
Y
5
1
SS1
SS2
I86(A)
Certification ECU
AGND
E
6
A
1
A
G
W–B
W–B
SS1
SS2
AGND
Free
Full
Traveling
AGND
6
I58
Power Switch
W
W
1
3E
I5

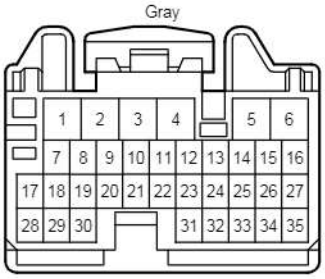

7
3B
W–B
7. 5A ECU–ACC
15A CIG&P/OUTLET
ACC NO. 1 Relay
20A P/OUTLET RR
ACC NO. 2 Relay
IG1 NO. 3 Relay
IG1 NO. 4 Relay
TAIL Relay
IG1 NO. 2 Relay
IG1 NO. 1 Relay
10A S/HTR&FAN F/L
7. 5A EPS–IG1
7. 5A ECU–IG1 NO. 3
10A S/HTR&FAN F/R
15A TAIL
10A PANEL
10A ECU–IG1 NO. 1
10A ECU–IG1 NO. 2
7. 5A A/C–IG1
25A WIPER
10A WASHER
7. 5A H–LP LVL
11
3A
P
(*2)
30A DOOR NO. 1
20A DOOR R/R
20A DOOR R/L
30A P/SEAT FR
20A D/L–AM1
10A S/ROOF
7. 5A A/C–B


W-B
* 2 : w/ Dynamic Radar Cruise Control
* 3 : Canada
* 4 : USA
I32(B)
Windshield Wiper Switch Assembly
Wiper Switch
+B1
+2
Off (*3)
OFF (*4)
High (*3)
HI (*4)
+B
+2
2 B
4 B
P
(*2)
G
(*2)
P
(*2)
7 B
8 B
LG
(*2)
I92(B)
Junction Connector
5A WIPER-S
5
3A
1
2
W-B
I3

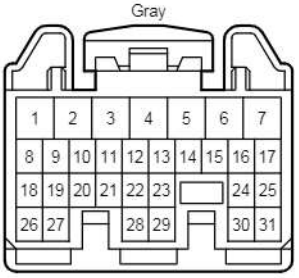
A 39
Gray



I 3
Gray



I 4
Gray



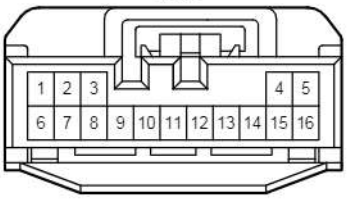
I 32
White



I 58
Black



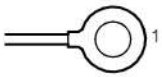
I 86
White



I 92
Gray



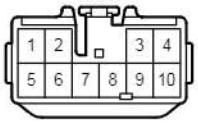
O 29



1B
White



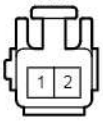
1C
White



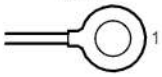
1D
White



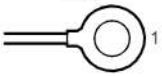
1E
White



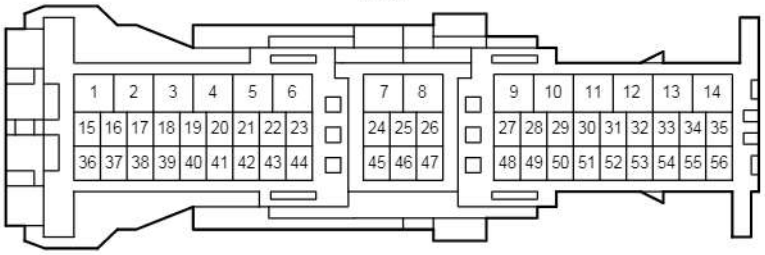
1H
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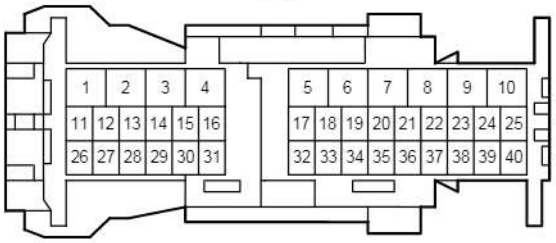
1I
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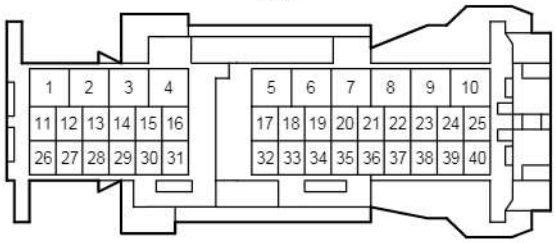
3A
White



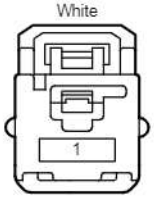
3B
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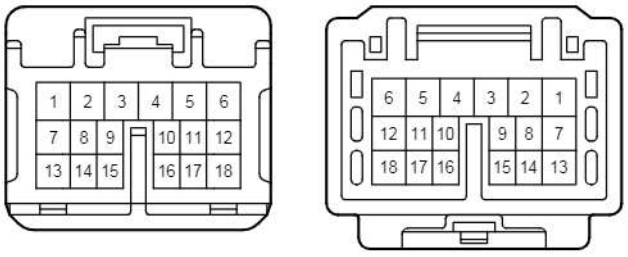
3D
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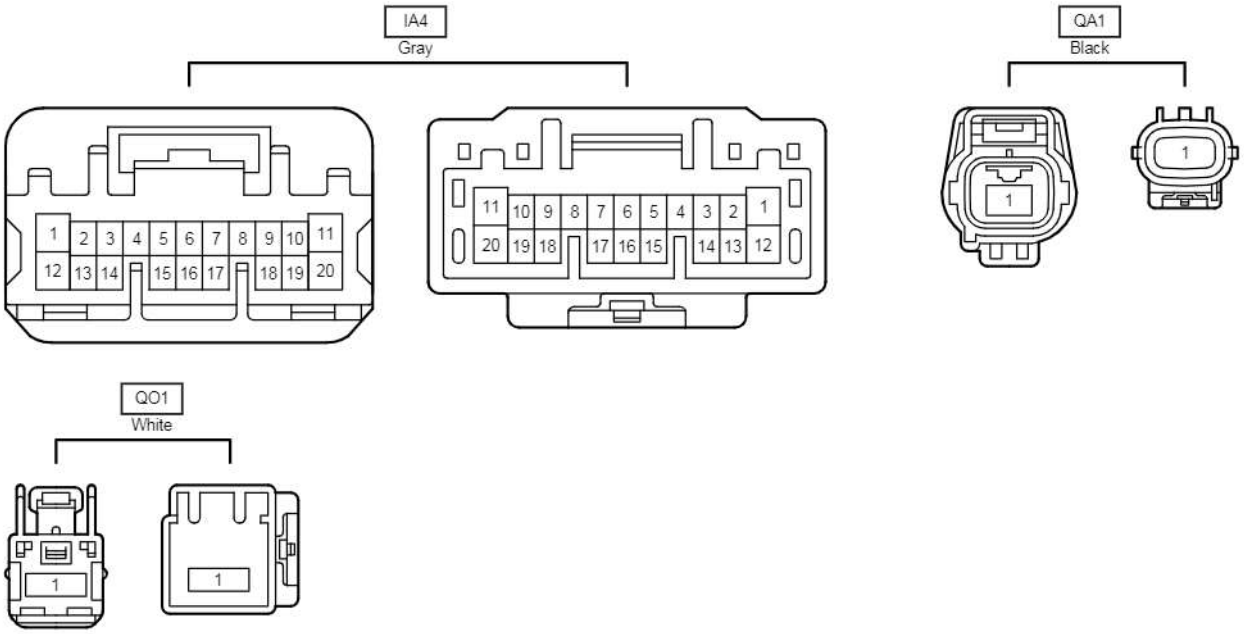


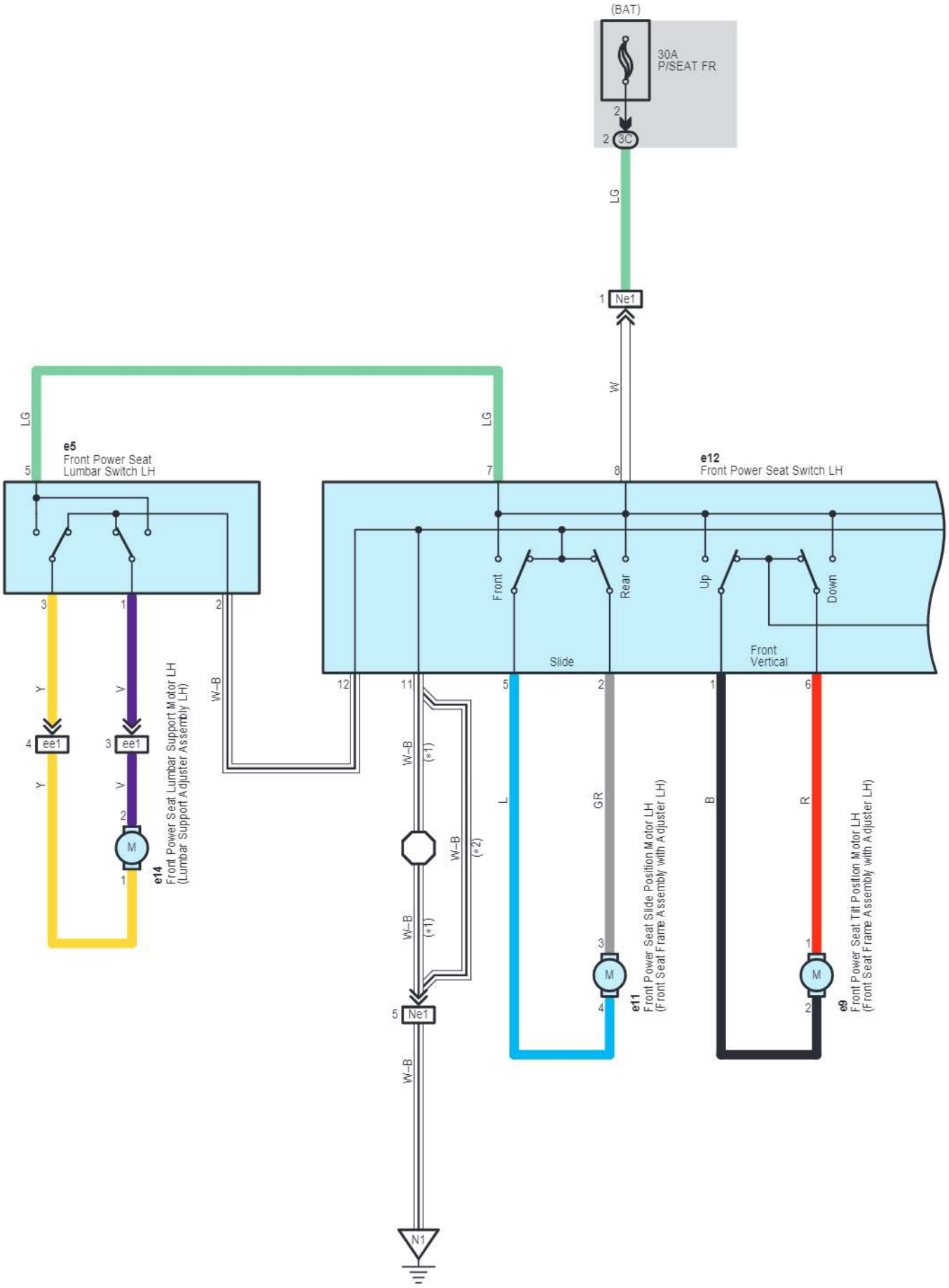
3E
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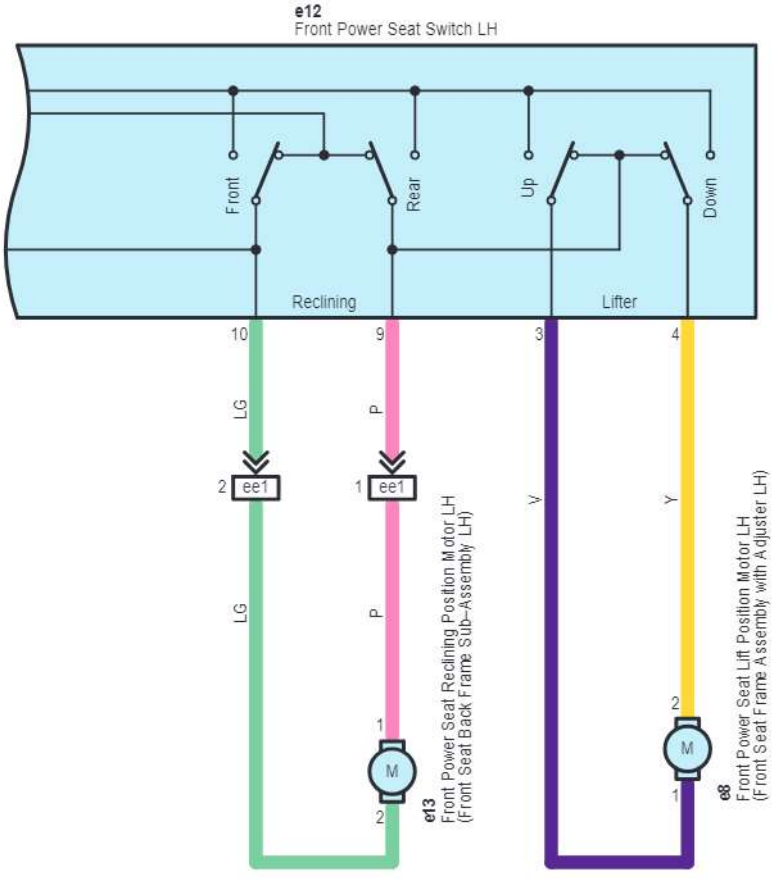
AA1
Blue



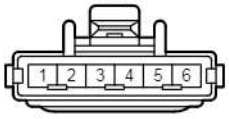

IA4
Gray
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12
QA1
Black
1
1
QO1
White
1
1


(BAT)
30A
P/SEAT FR
2
2 3C
LG
1 Ne1
W
LG
LG
e5
Front Power Seat
Lumbar Switch LH
5
7
8
e12
Front Power Seat Switch LH
3
1
2
Front
Rear
Up
Down
Slide
Front
Vertical
Y
V
W-B
12
11
5
2
1
6
4 ee1
3 ee1
Y
V
2
M
1
e14
Front Power Seat Lumbar Support Motor LH
(Lumbar Support Adjuster Assembly LH)
W-B
(*1)
W-B
(*2)
W-B
(*1)
L
GR
B
R
3
M
4
e11
Front Power Seat Slide Position Motor LH
(Front Seat Frame Assembly with Adjuster LH)
1
M
2
e9
Front Power Seat Tilt Position Motor LH
(Front Seat Frame Assembly with Adjuster LH)
5 Ne1
W-B
N1

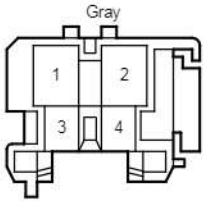
* 1 : w/ Seat Heater
* 2 : w/o Seat Heater



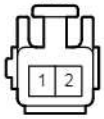
e 5
White



e 8
Gray



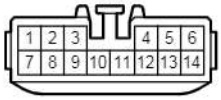
e 9
Black



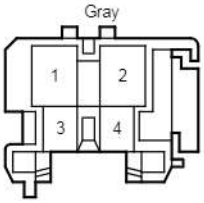
e 11
Black



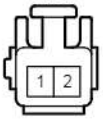
e 12
Black



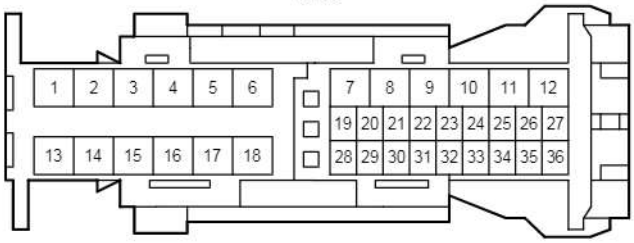
e 13
Gray



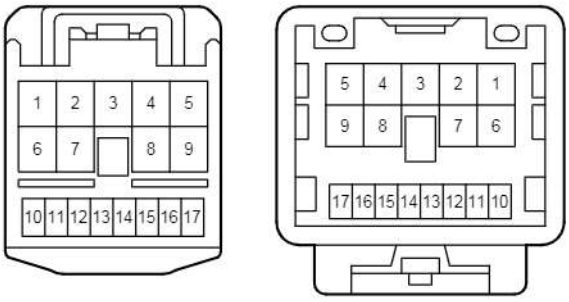
e 14
Black



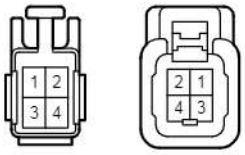
3C
White

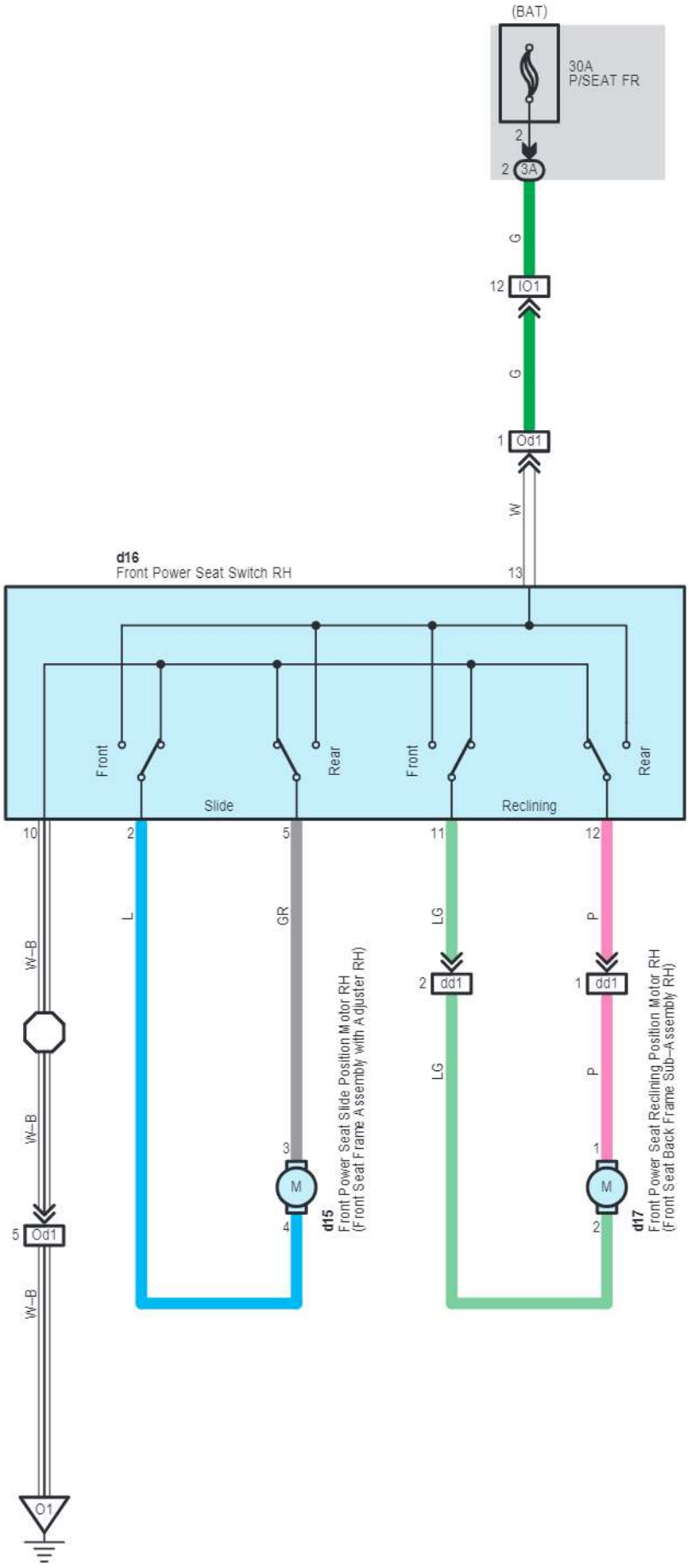


Ne1
White



ee1
White

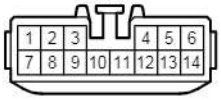



(BAT)
30A
P/SEAT FR
2
2 3A
G
12 IO1
G
1 Od1
W
d16
Front Power Seat Switch RH
13
Front
Rear
Front
Rear
Slide
Reclining
10
2
5
11
12
W–B
L
GR
LG
P
W–B
2 dd1
1 dd1
LG
P
W–B
5 Od1
3
4
1
2
M
M
d15
Front Power Seat Slide Position Motor RH
(Front Seat Frame Assembly with Adjuster RH)
d17
Front Power Seat Reclining Position Motor RH
(Front Seat Back Frame Sub-Assembly RH)
O1

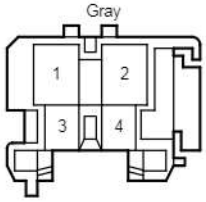
d 15
Black



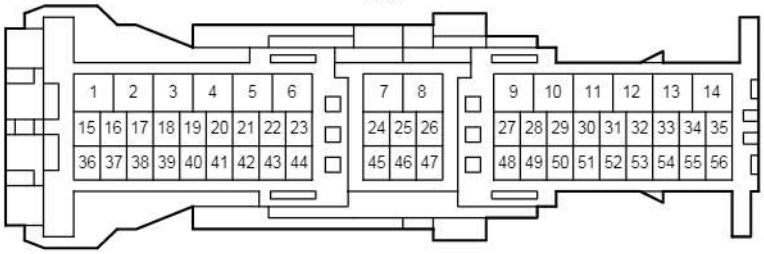
d 16
Black



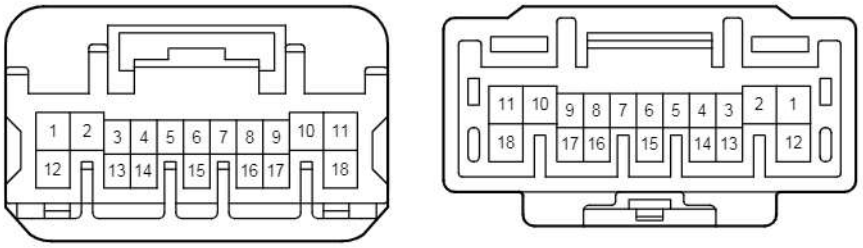
d 17
Gray



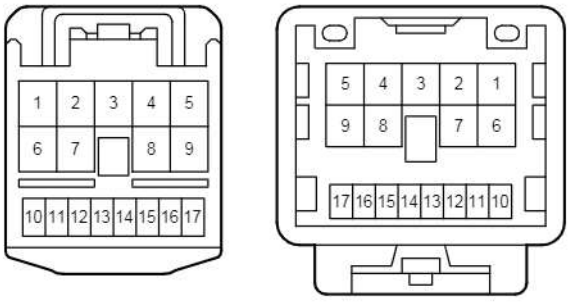
3A
White



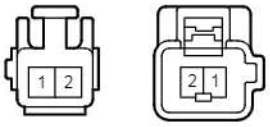
IO1
White

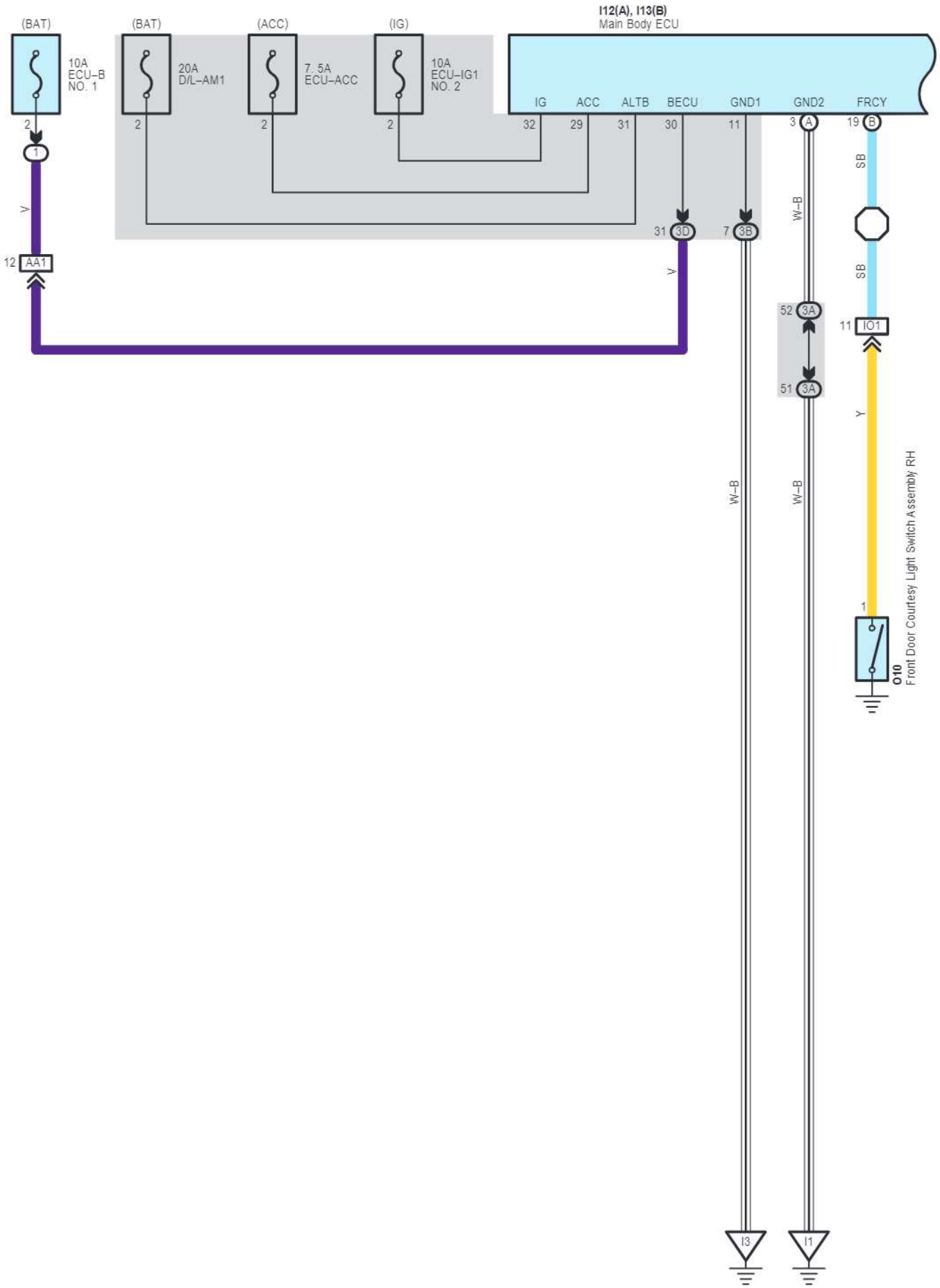


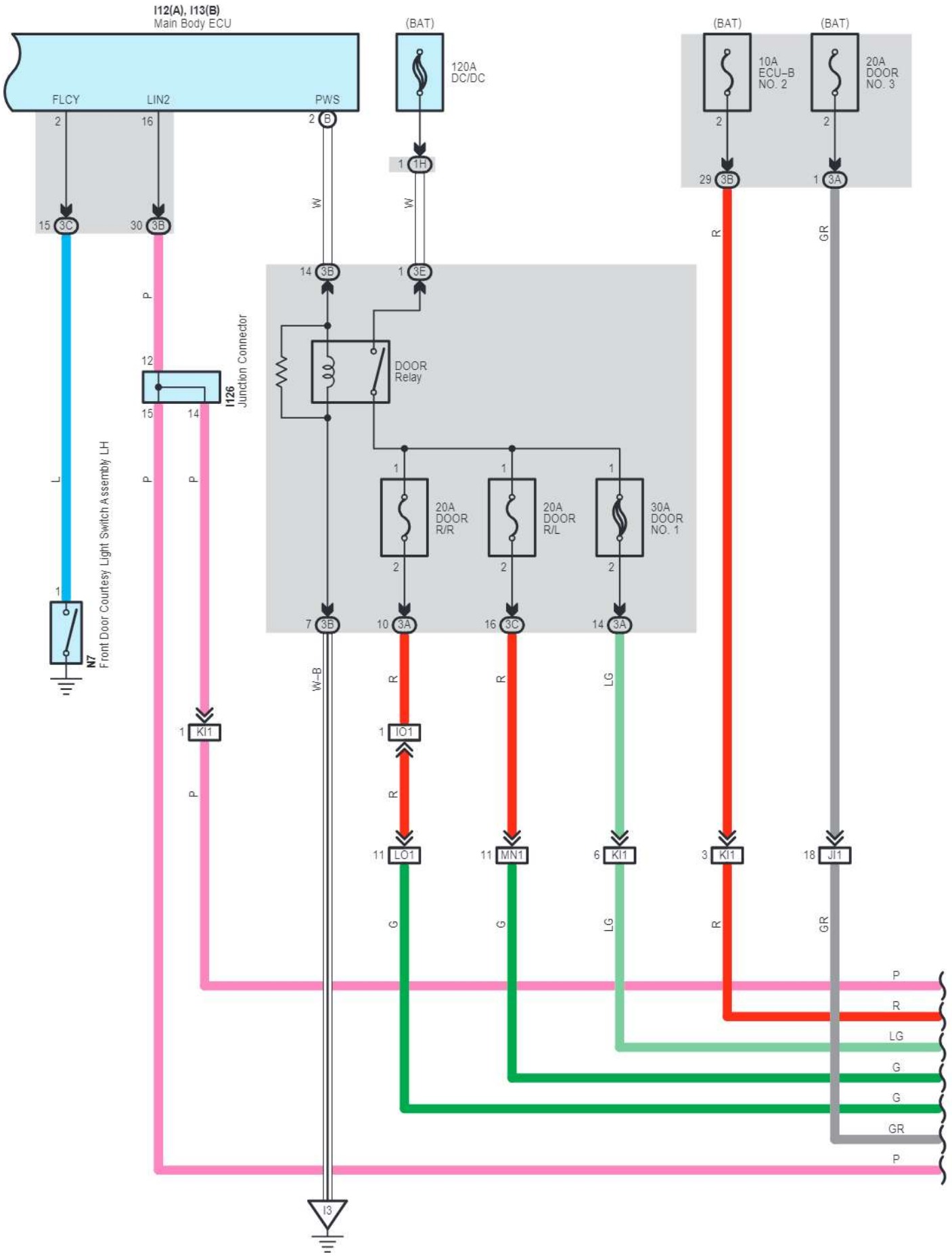
Od1
White

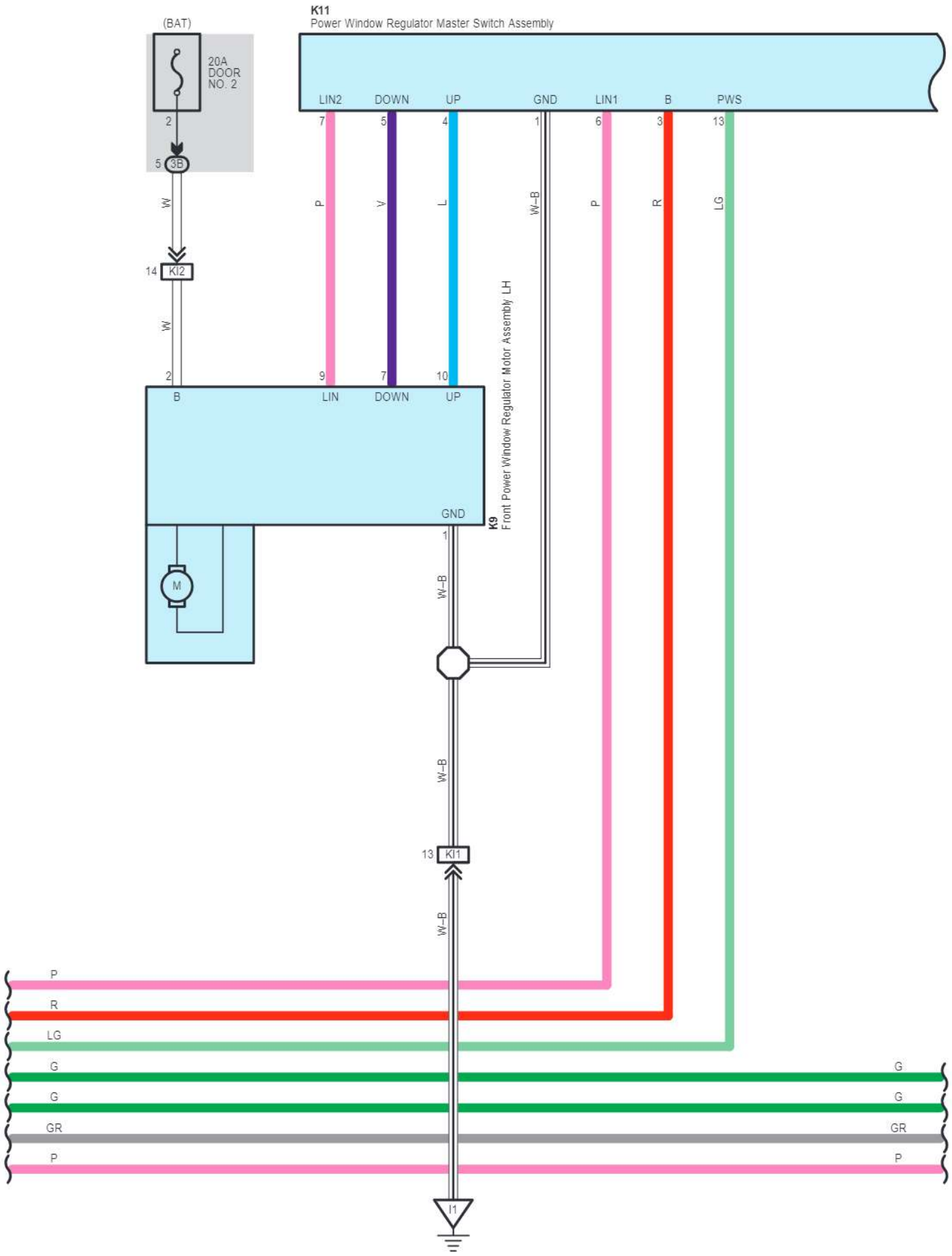


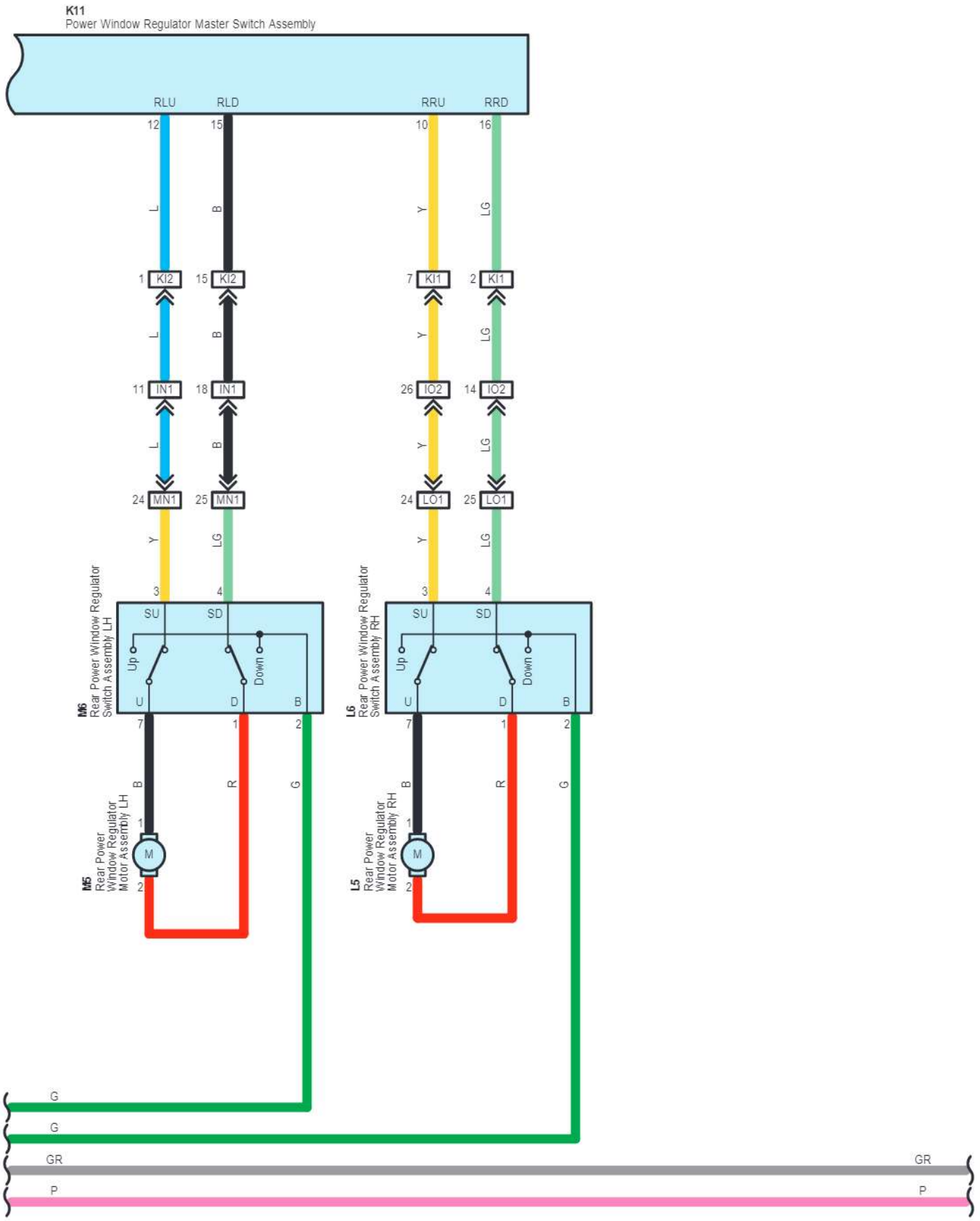
dd1
White

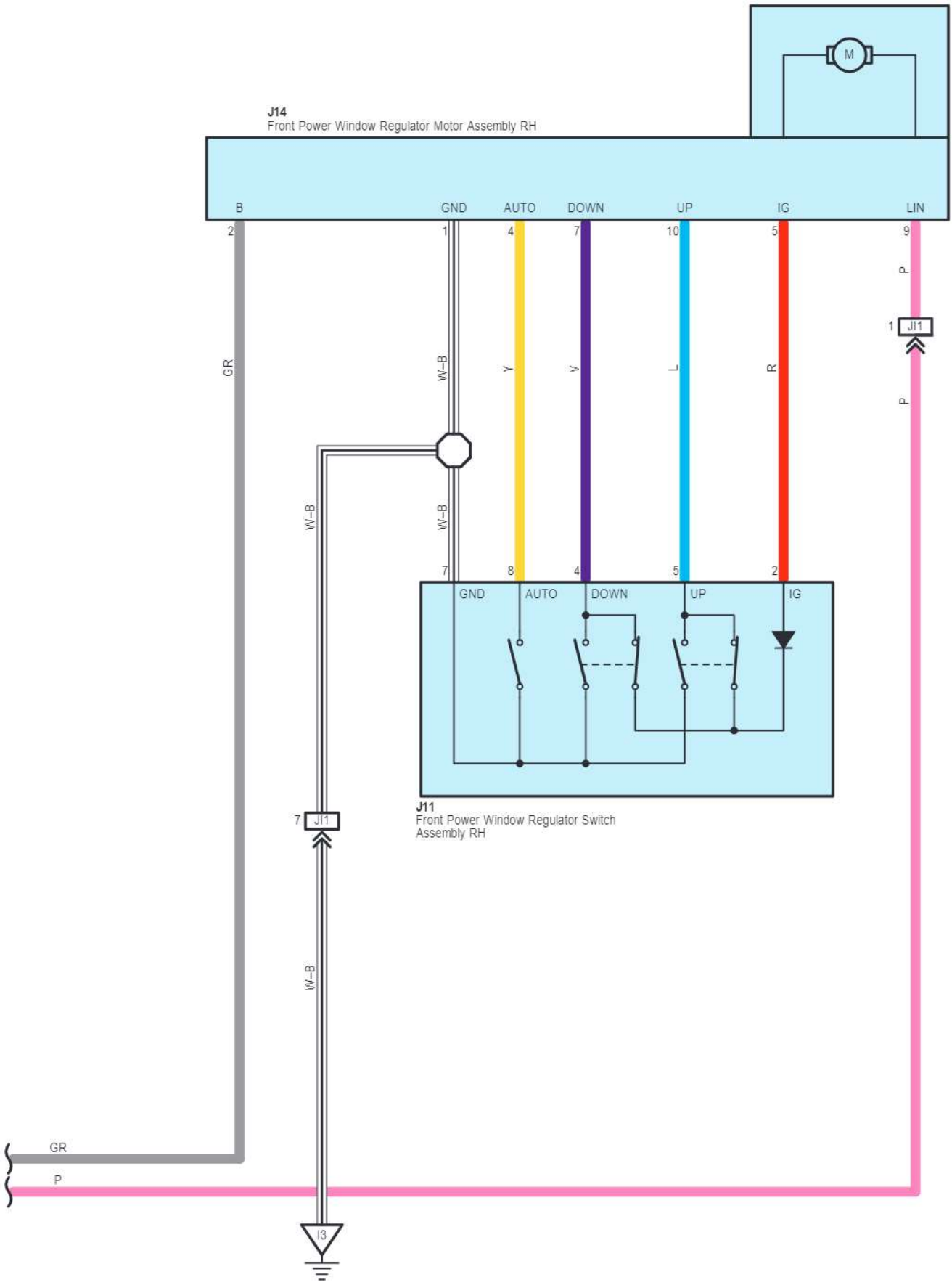



(BAT)
(BAT)
(ACC)
(IG)
10A
ECU–B
NO. 1
20A
D/L–AM1
7. 5A
ECU–ACC
10A
ECU–IG1
NO. 2
I12(A), I13(B)
Main Body ECU
IG
ACC
ALTB
BECU
GND1
GND2
FRCY
2
1
12
AA1
32
29
31
30
11
3
A
19
B
SB
SB
W–B
W–B
W–B
31
3D
7
3B
52
3A
51
3A
11
IO1
1
O10
Front Door Courtesy Light Switch Assembly RH
I3
I1

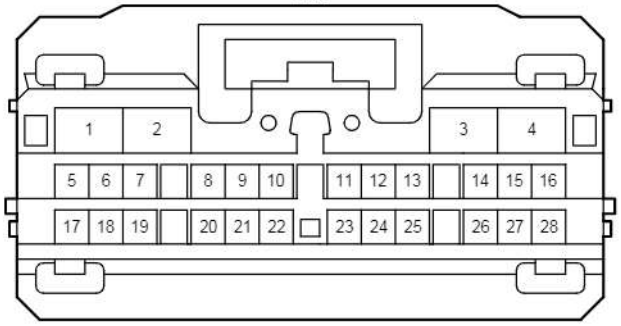

I12(A), I13(B)
Main Body ECU
FLCY
LIN2
PWS
(BAT)
120A
DC/DC
(BAT)
10A
ECU-B
NO. 2
(BAT)
20A
DOOR
NO. 3
DOOR
Relay
I126
Junction Connector
20A
DOOR
R/R
20A
DOOR
R/L
30A
DOOR
NO. 1
N7
Front Door Courtesy Light Switch Assembly LH
I3


K11
Power Window Regulator Master Switch Assembly
(BAT)
20A
DOOR
NO. 2
2
5
3B
W
14
KI2
W
2
B
LIN2
DOWN
UP
GND
LIN1
B
PWS
7
5
4
1
6
3
13
P
V
L
W–B
P
R
LG
9
7
10
LIN
DOWN
UP
GND
1
K9
Front Power Window Regulator Motor Assembly LH
M
W–B
W–B
13
KI1
W–B
P
R
LG
G
G
GR
P
G
G
GR
P
I1

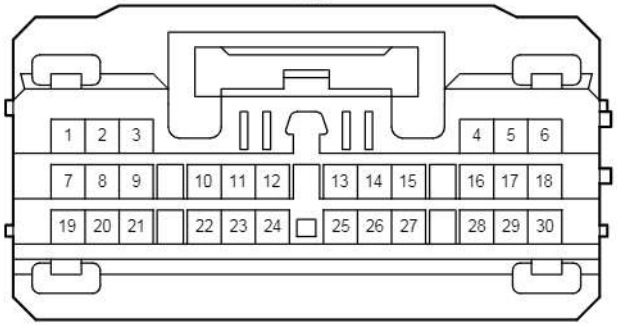

K11
Power Window Regulator Master Switch Assembly
RLU
RLD
RRU
RRD
12
15
10
16
L
B
Y
LG
1 KI2
15 KI2
7 KI1
2 KI1
11 IN1
18 IN1
26 IO2
14 IO2
24 MN1
25 MN1
24 LO1
25 LO1
3
4
M6
Rear Power Window Regulator Switch Assembly LH
L6
Rear Power Window Regulator Switch Assembly RH
SU
SD
Up
Down
U
D
B
7
1
2
R
G
M5
Rear Power Window Regulator Motor Assembly LH
L5
Rear Power Window Regulator Motor Assembly RH
M
GR
P


M
J14
Front Power Window Regulator Motor Assembly RH
B
GND
AUTO
DOWN
UP
IG
LIN
2
1
4
7
10
5
9
GR
W-B
Y
V
L
R
P
1
JI1
W-B
W-B
7
8
4
5
2
GND
AUTO
DOWN
UP
IG
J11
Front Power Window Regulator Switch Assembly RH
7
JI1
W-B
GR
P
I3

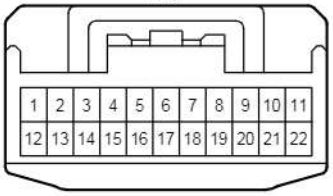
I 12
White



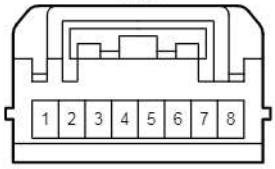
I 13
White



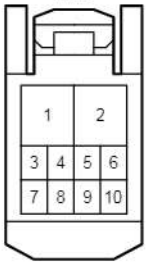
I126
White



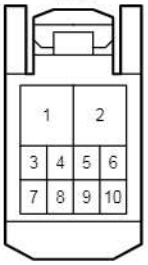
J 11
White



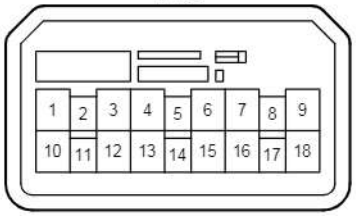
J 14
White



K 9
White



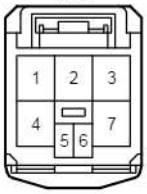
K 11
White



L 5
Black



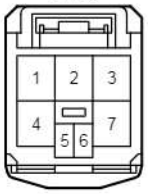
L 6
White



M 5
Black



M 6
White



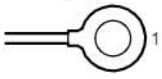
N 7
Black



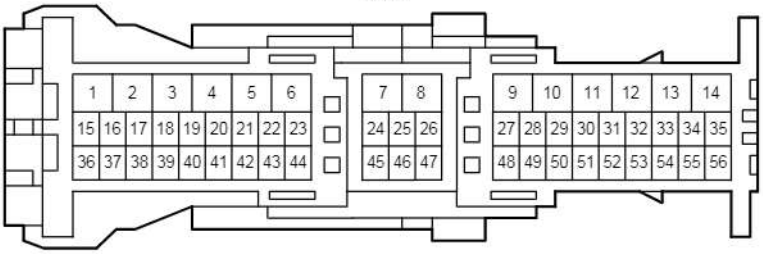
O 10
Black



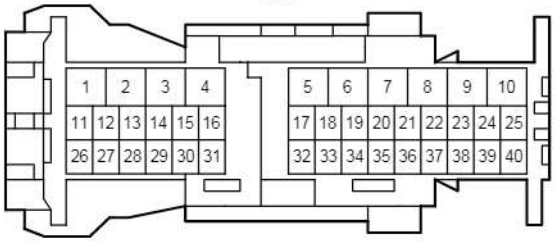
1H
White



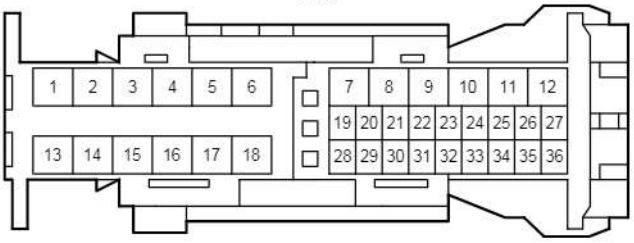
3A
White



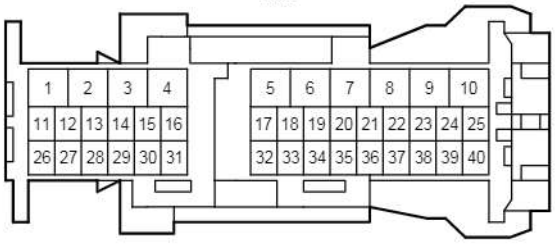
3B
White



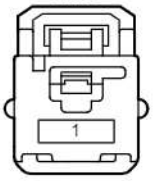
3C
White



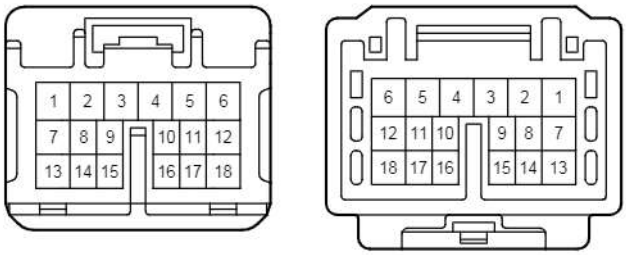
3D
White



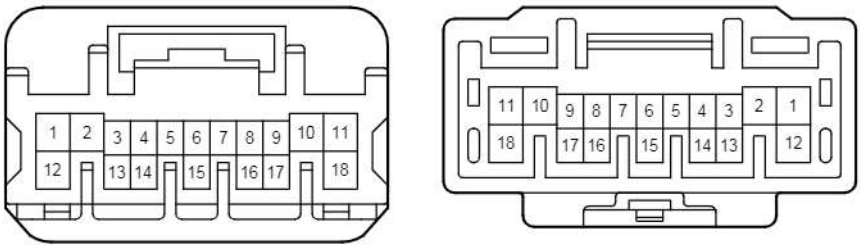
3E
White



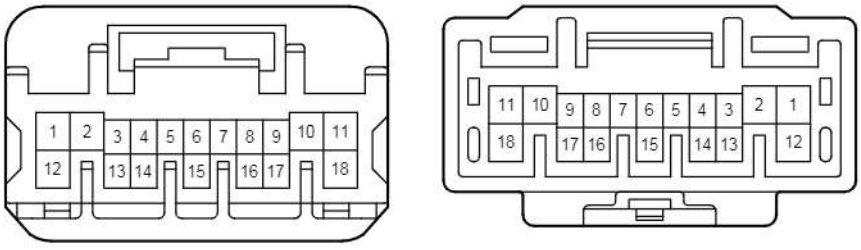
AA1
Blue



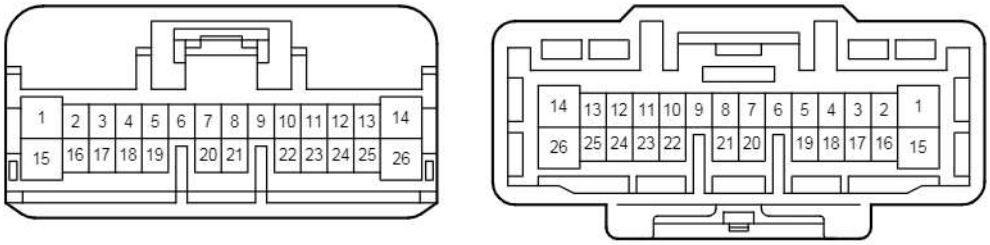
IN1
White



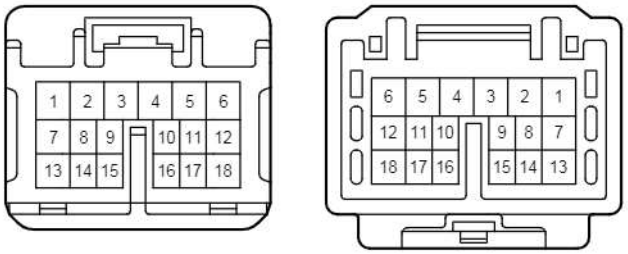
IO1
White



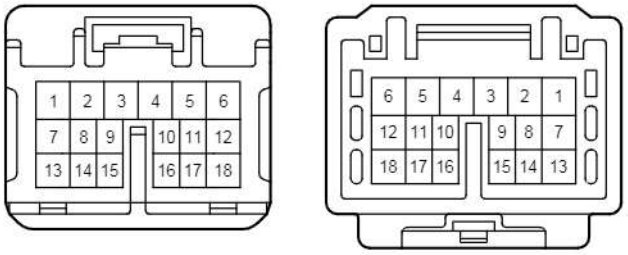
IO2
White



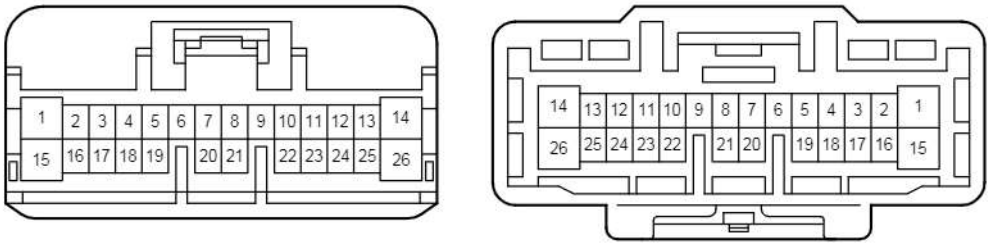
JI1
Gray

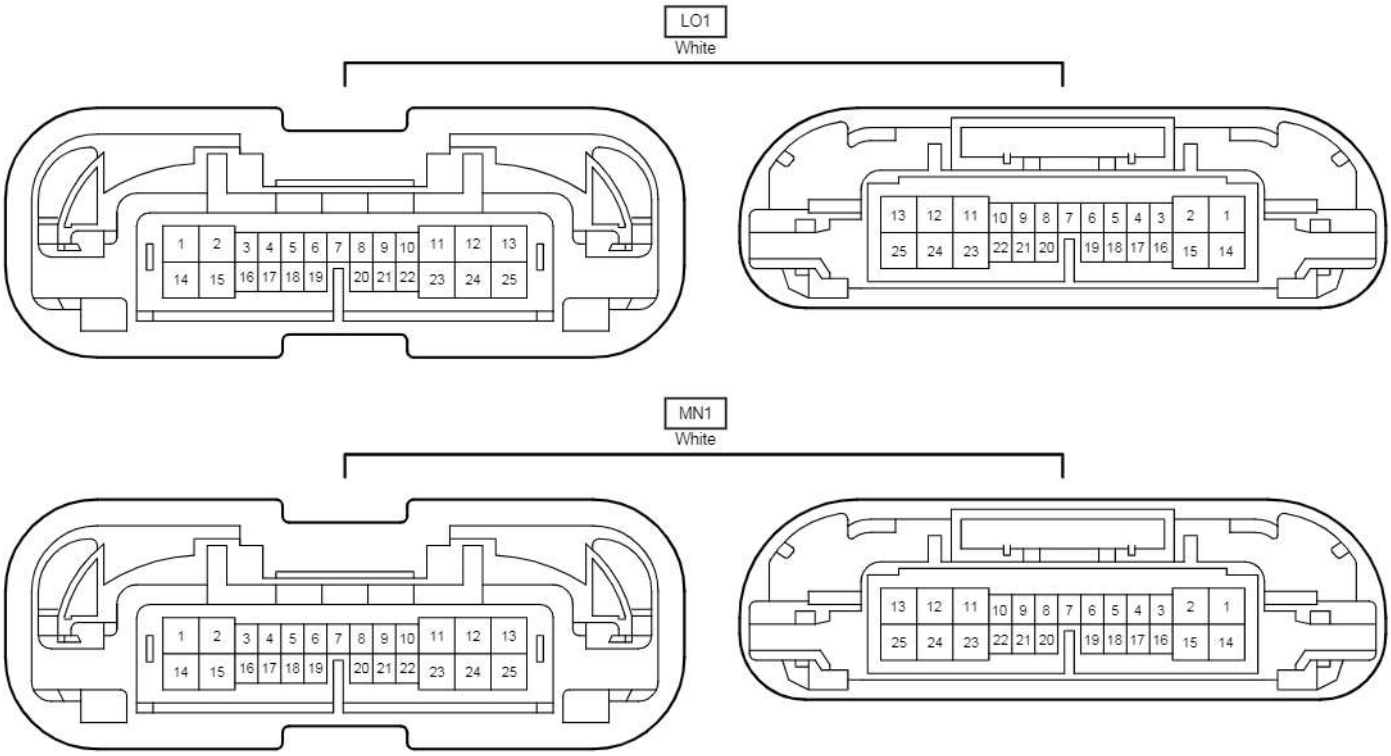


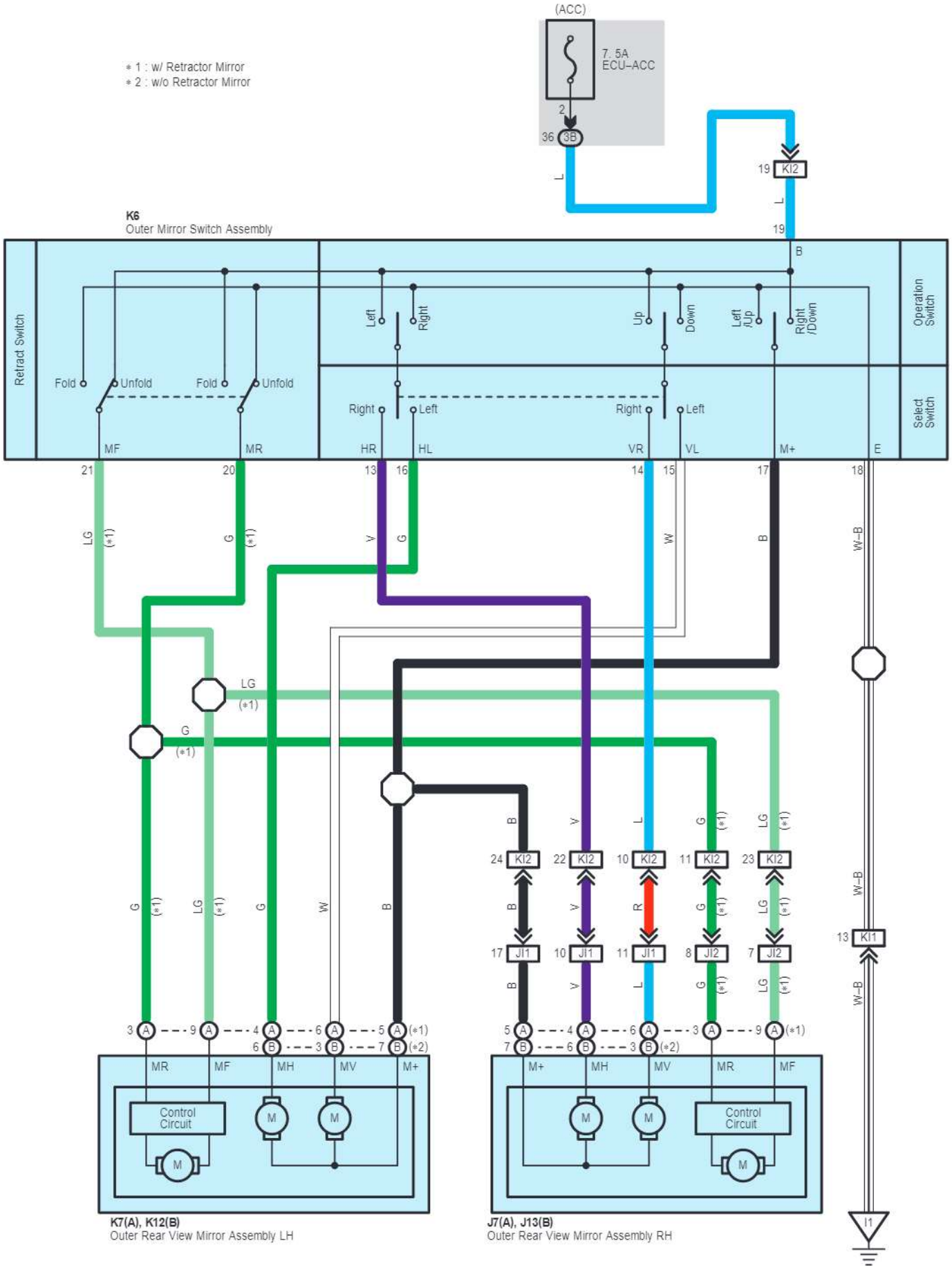
KI1
White



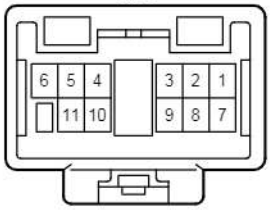
KI2
White



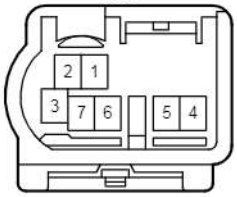

LO1
White
1 2 3 4 5 6 7 8 9 10 11 12 13
14 15 16 17 18 19 20 21 22 23 24 25
13 12 11 10 9 8 7 6 5 4 3 2 1
25 24 23 22 21 20 19 18 17 16 15 14
MN1
White
1 2 3 4 5 6 7 8 9 10 11 12 13
14 15 16 17 18 19 20 21 22 23 24 25
13 12 11 10 9 8 7 6 5 4 3 2 1
25 24 23 22 21 20 19 18 17 16 15 14


* 1 : w/ Retractor Mirror
* 2 : w/o Retractor Mirror
(ACC)
7. 5A
ECU-ACC
2
36 3B
L
19 KI2
L
19
B
K6
Outer Mirror Switch Assembly
Retract Switch
Operation Switch
Select Switch
Fold
Unfold
Fold
Unfold
Left
Right
Up
Down
Left /Up
Right /Down
Right
Left
Right
Left
MF
MR
HR
HL
VR
VL
M+
E
21
20
13
16
14
15
17
18
LG (*1)
G (*1)
V
G
W
B
W-B
LG (*1)
G (*1)
B
V
L
G (*1)
LG (*1)
24 KI2
22 KI2
10 KI2
11 KI2
23 KI2
B
V
R
G (*1)
LG (*1)
17 JI1
10 JI1
11 JI1
8 JI2
7 JI2
B
V
L
G (*1)
LG (*1)
3 A
9 A
4 A
6 A
5 A (*1)
6 B
3 B
7 B (*2)
MR
MF
MH
MV
M+
Control Circuit
M
M
M
5 A
4 A
6 A
3 A
9 A (*1)
7 B
6 B
3 B (*2)
M+
MH
MV
MR
MF
Control Circuit
M
M
M
13 KI1
W-B
I1
K7(A), K12(B)
Outer Rear View Mirror Assembly LH
J7(A), J13(B)
Outer Rear View Mirror Assembly RH

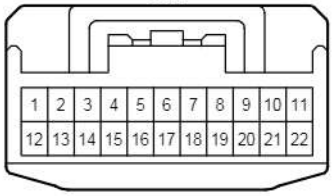
J 7
White



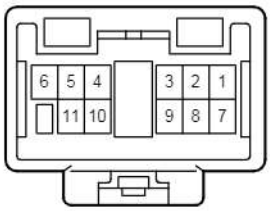
J 13
White



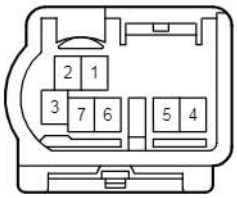
K 6
White



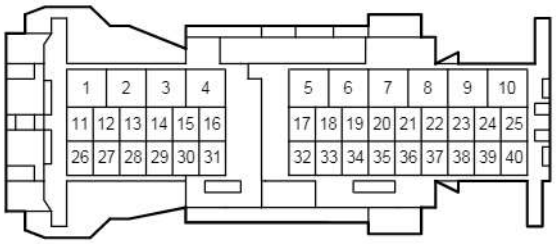
K 7
White



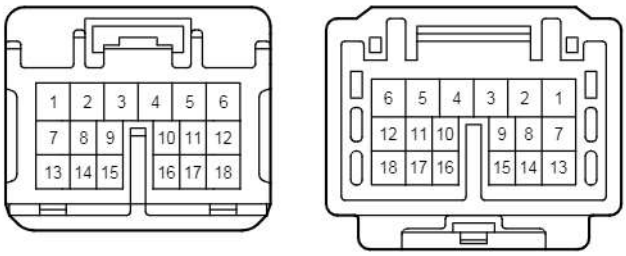
K 12
White



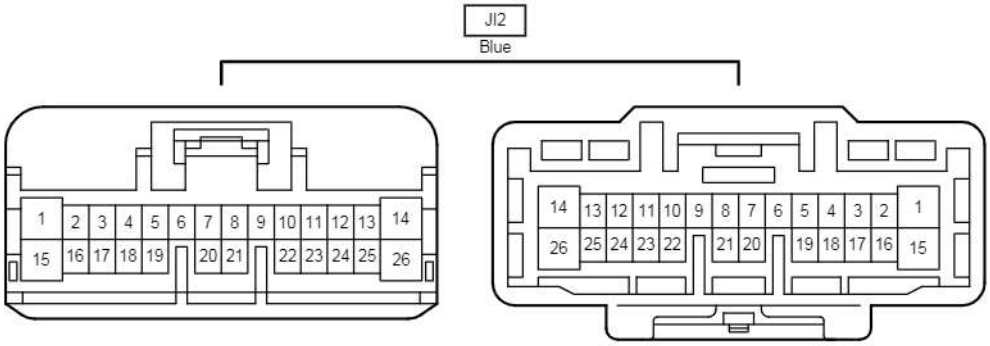
3B
White



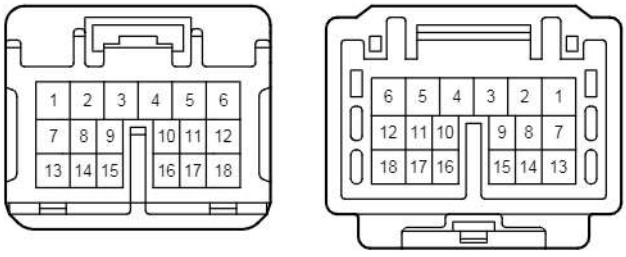
JI1
Gray

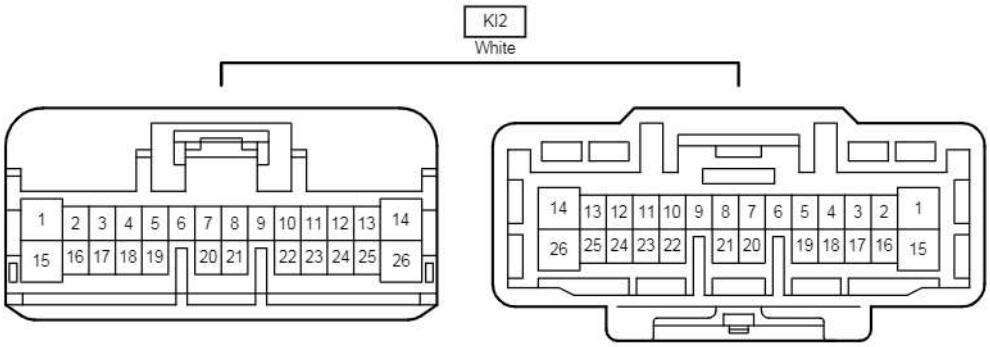


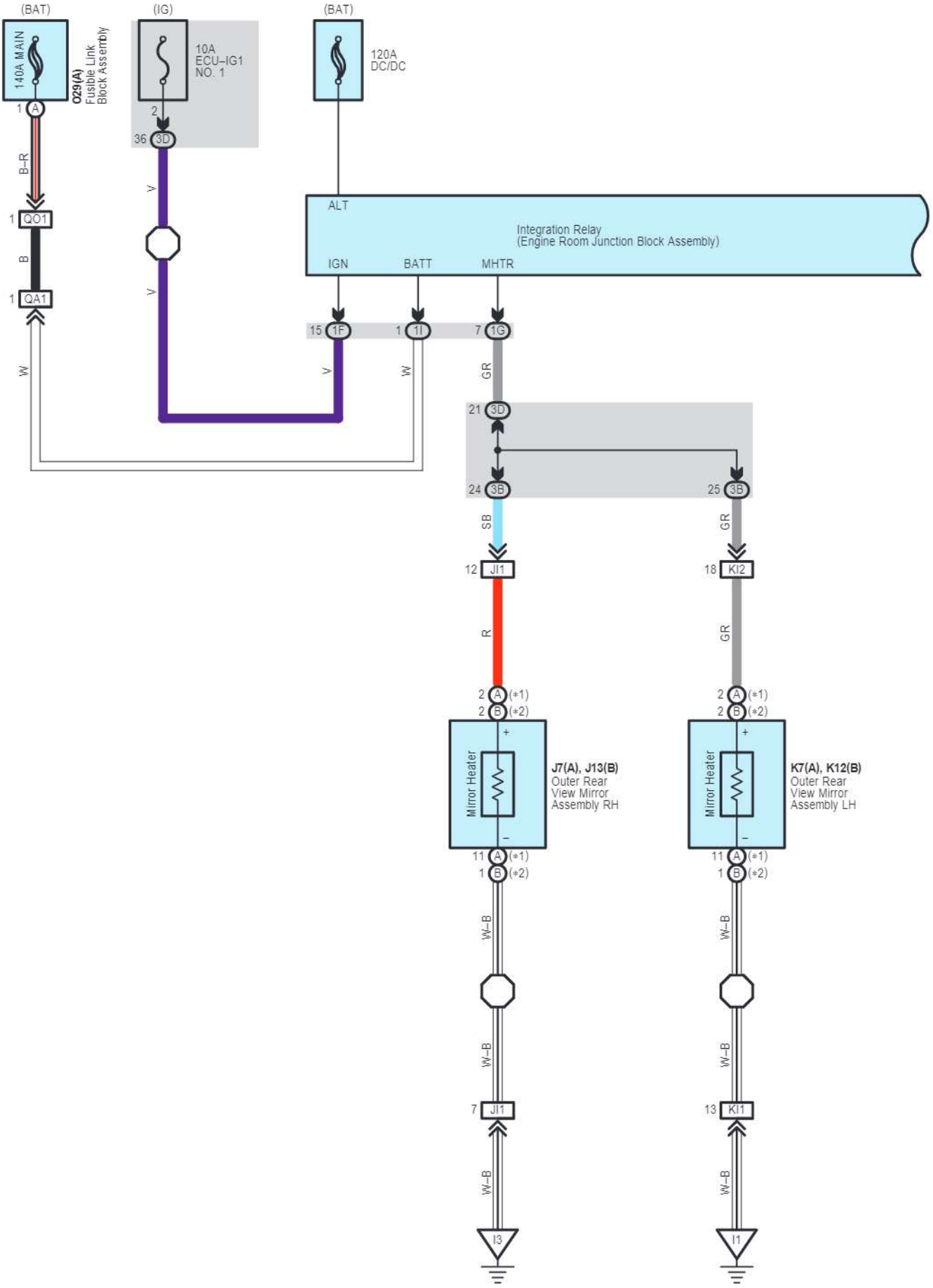
JI2
Blue

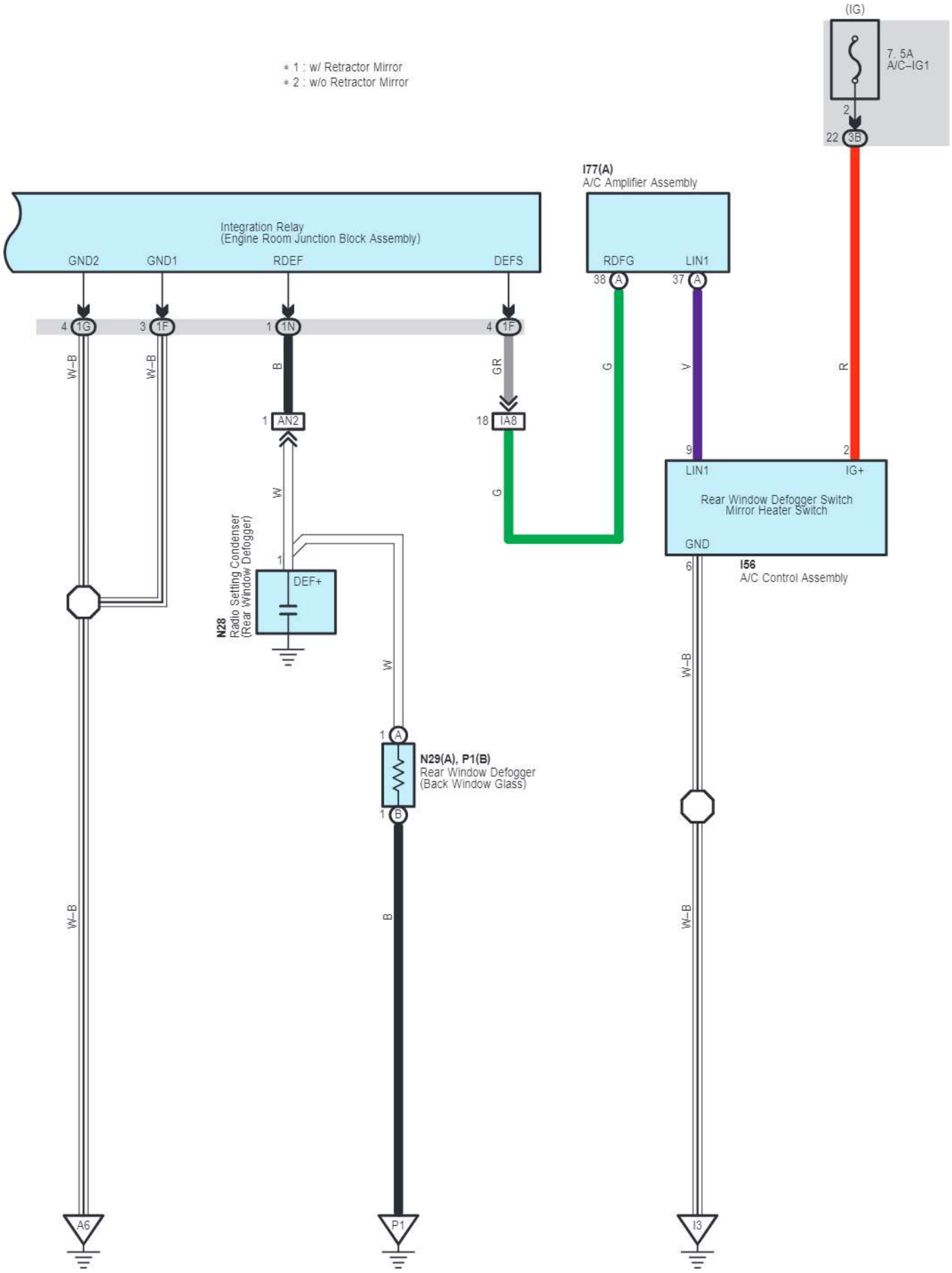


KI1
White

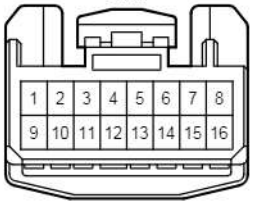



KI2
White
1 2 3 4 5 6 7 8 9 10 11 12 13 14
15 16 17 18 19 20 21 22 23 24 25 26
14 13 12 11 10 9 8 7 6 5 4 3 2 1
26 25 24 23 22 21 20 19 18 17 16 15

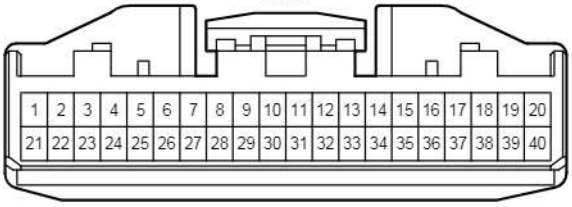

(BAT)
140A MAIN
O29(A)
Fusible Link Block Assembly
1 A
B-R
1 QO1
B
1 QA1
W
(IG)
10A
ECU-IG1
NO. 1
2
36 3D
V
V
(BAT)
120A
DC/DC
ALT
Integration Relay
(Engine Room Junction Block Assembly)
IGN
BATT
MHTR
15 1F
1 1I
7 1G
V
W
GR
21 3D
24 3B
25 3B
SB
GR
12 JI1
18 KI2
R
GR
2 A (*1)
2 B (*2)
Mirror Heater
+
-
J7(A), J13(B)
Outer Rear View Mirror Assembly RH
K7(A), K12(B)
Outer Rear View Mirror Assembly LH
11 A (*1)
1 B (*2)
W-B
W-B
7 JI1
13 KI1
W-B
W-B
I3
I1


* 1 : w/ Retractor Mirror
* 2 : w/o Retractor Mirror
(IG)
7. 5A
A/C–IG1
2
22 3B
I77(A)
A/C Amplifier Assembly
Integration Relay
(Engine Room Junction Block Assembly)
GND2
GND1
RDEF
DEFS
RDFG
LIN1
38 A
37 A
4 1G
3 1F
1 1N
4 1F
W–B
W–B
B
GR
G
V
R
1 AN2
18 IA8
9
2
LIN1
IG+
Rear Window Defogger Switch
Mirror Heater Switch
GND
6
I56
A/C Control Assembly
W
G
N28
Radio Setting Condenser
(Rear Window Defogger)
1
DEF+
W
1 A
N29(A), P1(B)
Rear Window Defogger
(Back Window Glass)
1 B
W–B
B
W–B
A6
P1
I3

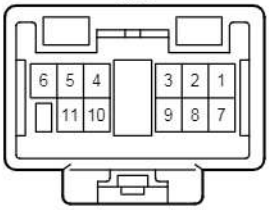
I 56
Black



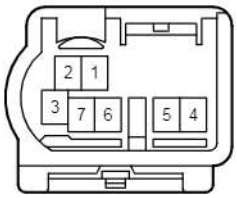
I 77
White



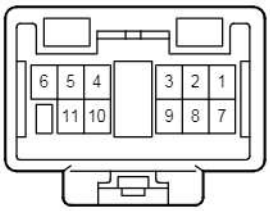
J 7
White



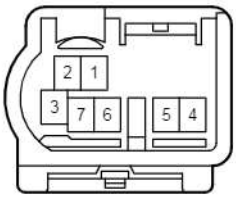
J 13
White



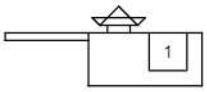
K 7
White



K 12
White



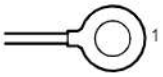
N 28
Black



N 29
Black



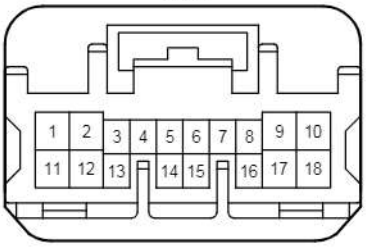
O 29



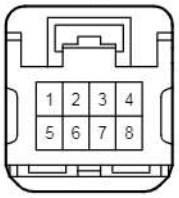
P 1
Black



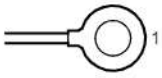
1F
White



1G
White



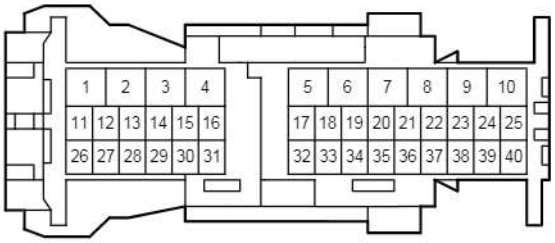
1I
White



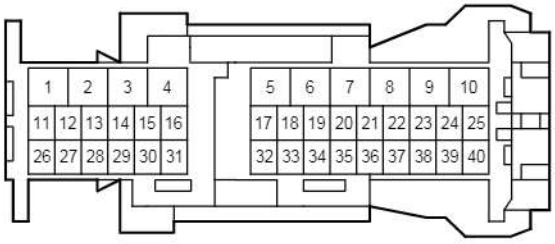
1N



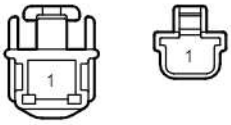
3B
White



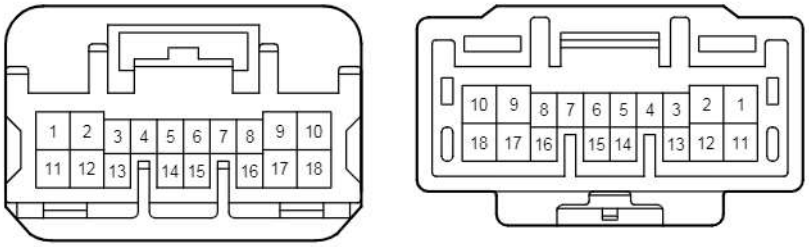
3D
White



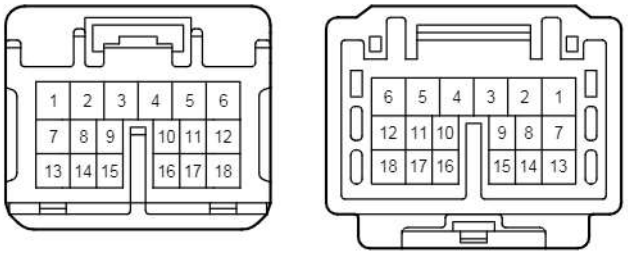
AN2
White



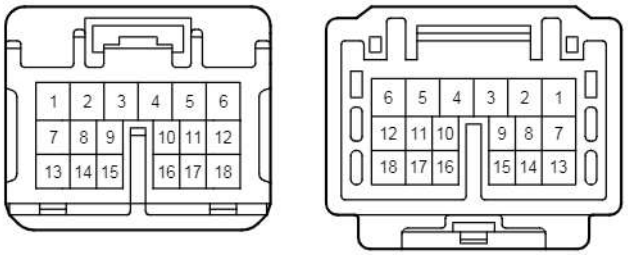
IA8
Gray



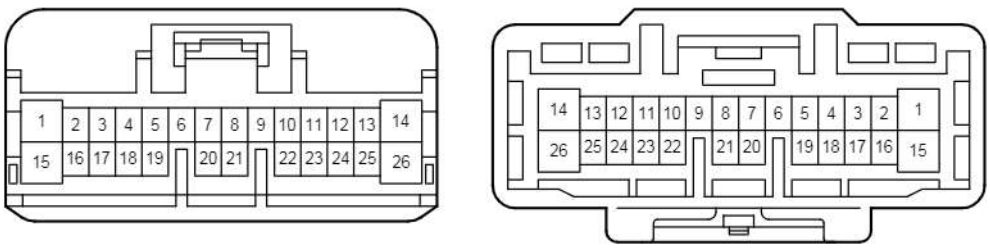
JI1
Gray



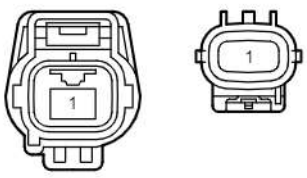
KI1
White



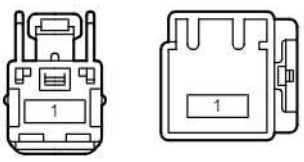
KI2
White

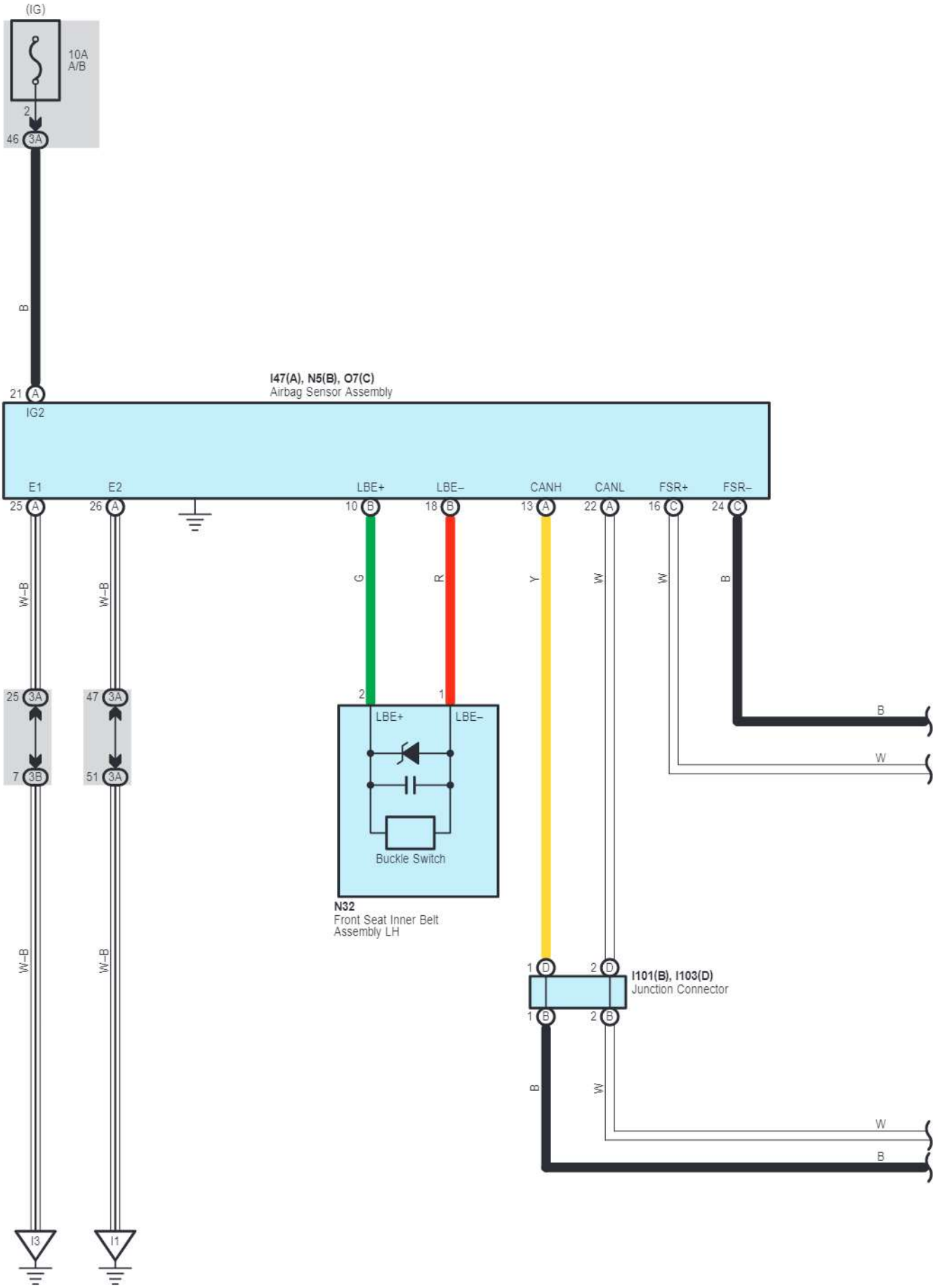


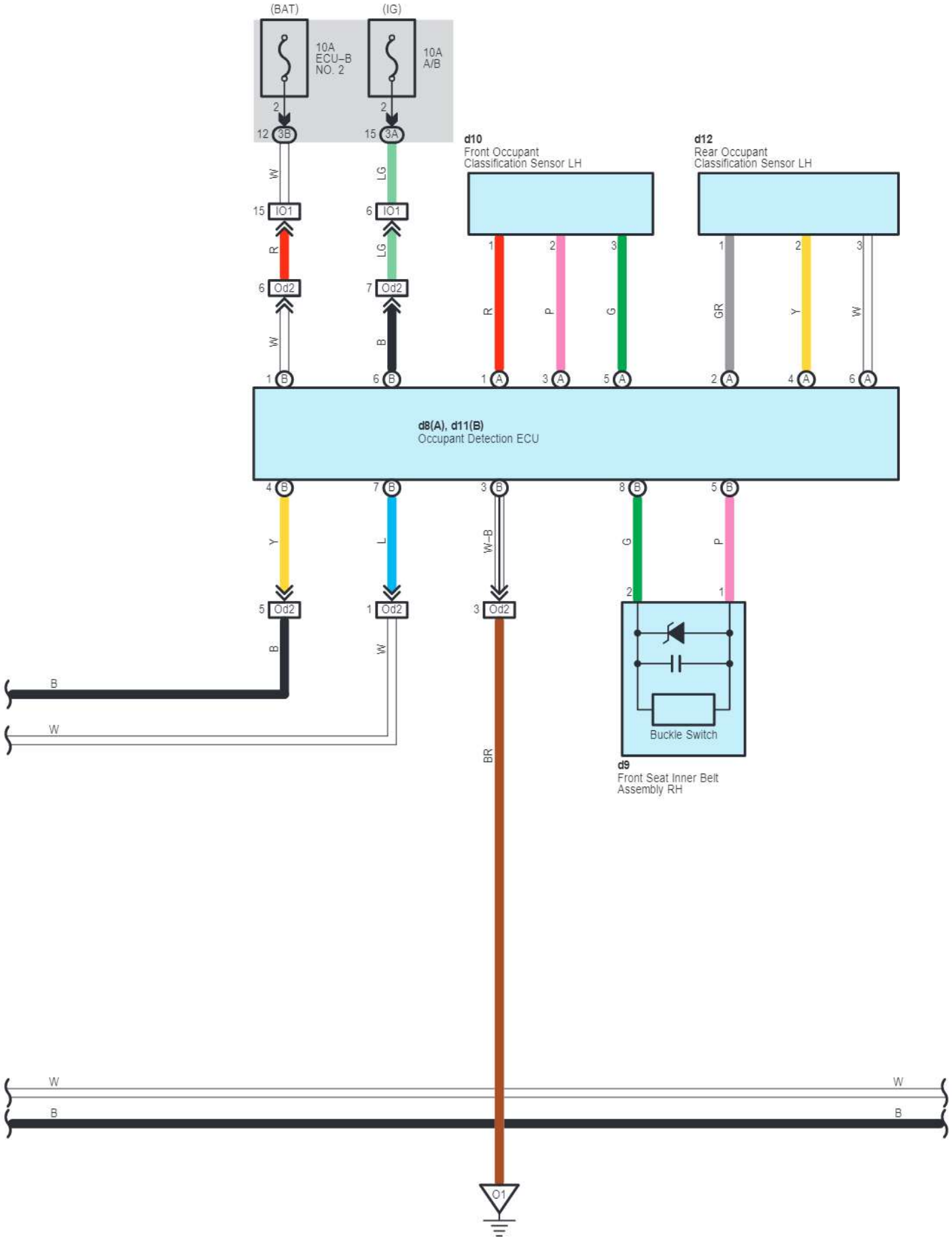
QA1
Black

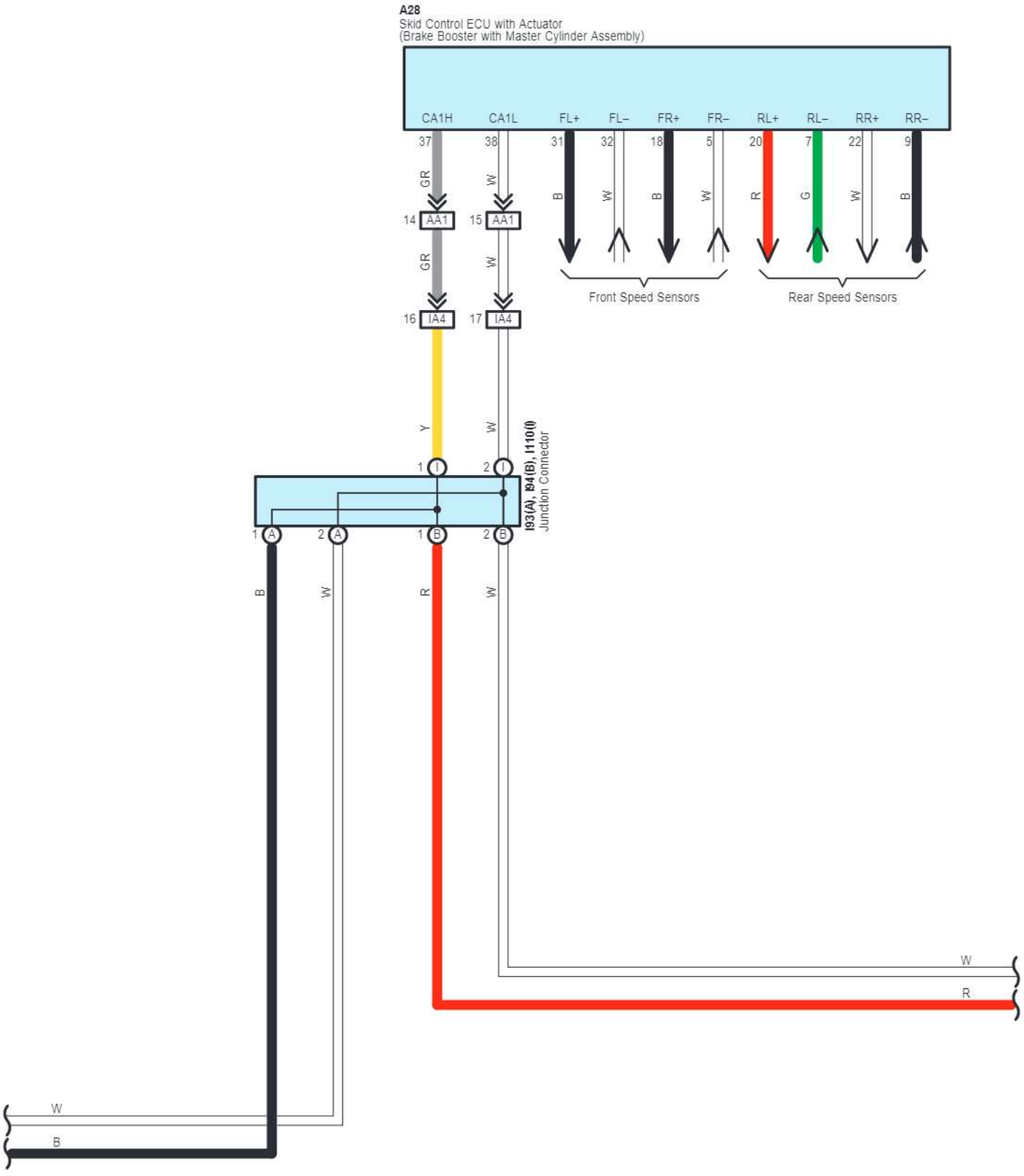


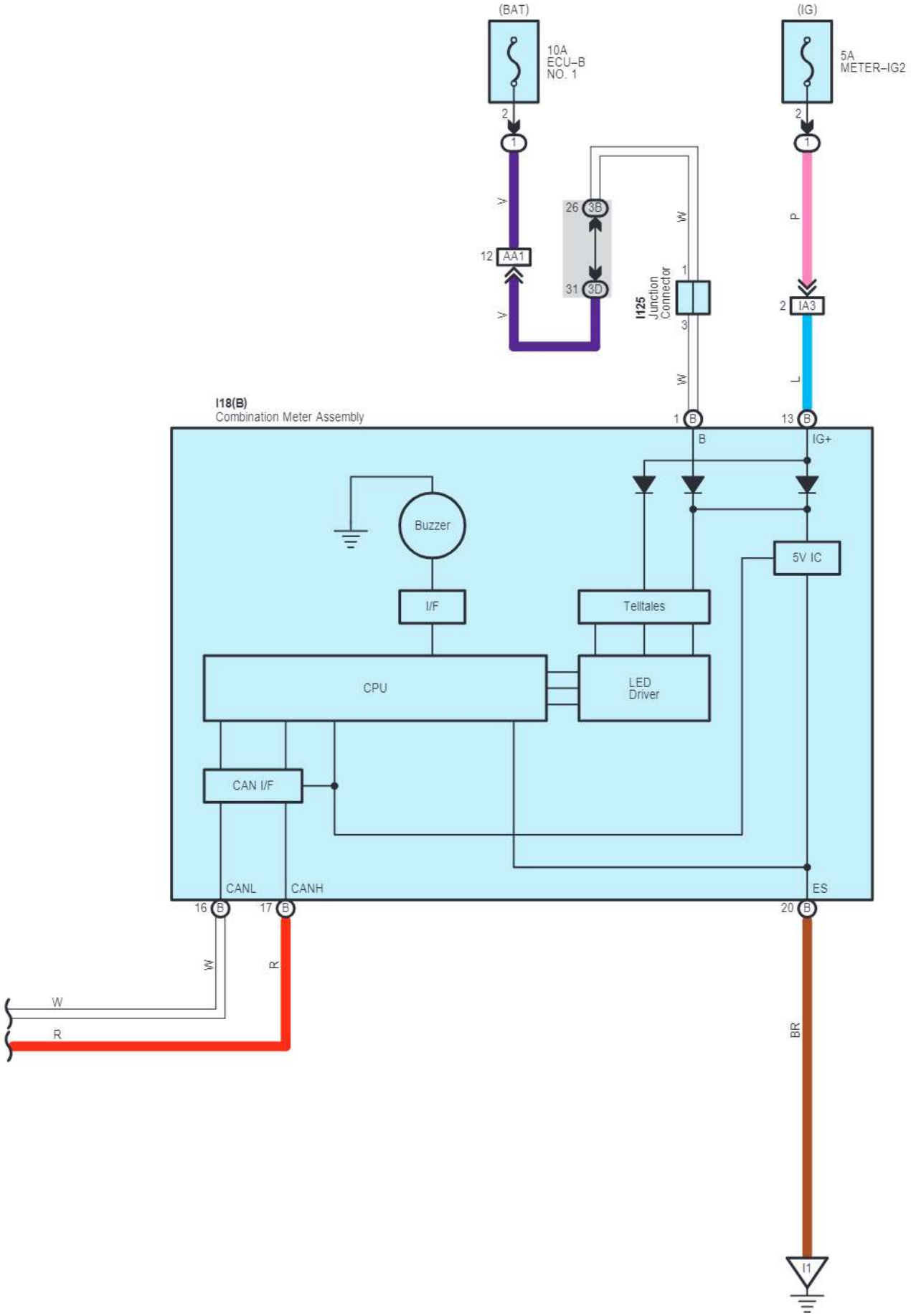
QO1
White



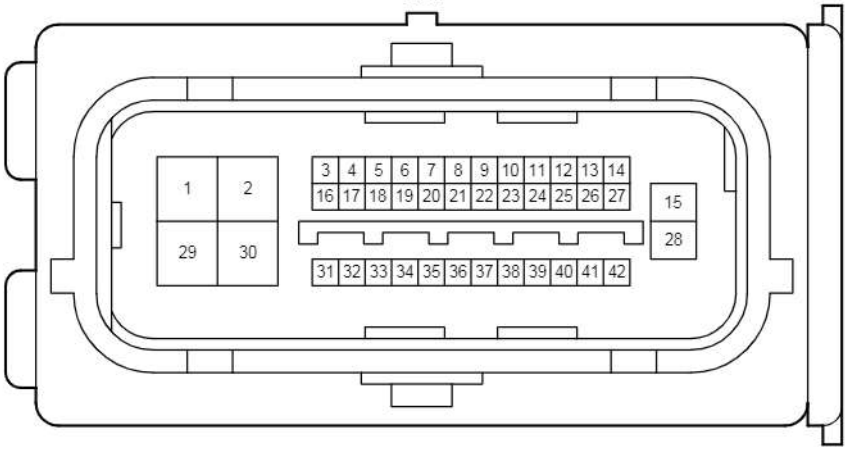

(IG)
10A
A/B
2
46 3A
B
21 A
IG2
I47(A), N5(B), O7(C)
Airbag Sensor Assembly
E1
E2
LBE+
LBE–
CANH
CANL
FSR+
FSR–
25 A
26 A
10 B
18 B
13 A
22 A
16 C
24 C
W–B
W–B
G
R
Y
W
W
B
25 3A
47 3A
7 3B
51 3A
2
1
LBE+
LBE–
B
W
Buckle Switch
N32
Front Seat Inner Belt
Assembly LH
1 D
2 D
I101(B), I103(D)
Junction Connector
1 B
2 B
B
W
W
B
W–B
W–B
I3
I1


(BAT)
(IG)
10A
ECU–B
NO. 2
10A
A/B
2
12 3B
15 3A
W
LG
15 IO1
6 IO1
R
LG
6 Od2
7 Od2
W
B
1 B
6 B
d10
Front Occupant
Classification Sensor LH
d12
Rear Occupant
Classification Sensor LH
1
2
3
R
P
G
1 A
3 A
5 A
GR
Y
W
2 A
4 A
6 A
d8(A), d11(B)
Occupant Detection ECU
4 B
7 B
3 B
8 B
5 B
Y
L
W–B
G
P
5 Od2
1 Od2
3 Od2
2
1
B
W
BR
Buckle Switch
d9
Front Seat Inner Belt
Assembly RH
W
B
W
B
O1

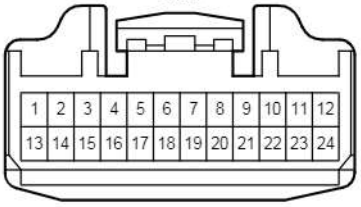

A28
Skid Control ECU with Actuator
(Brake Booster with Master Cylinder Assembly)
CA1H
CA1L
FL+
FL−
FR+
FR−
RL+
RL−
RR+
RR−
37
38
31
32
18
5
20
7
22
9
GR
W
B
W
B
W
R
G
W
B
14 AA1
15 AA1
GR
W
16 IA4
17 IA4
Front Speed Sensors
Rear Speed Sensors
Y
W
1 I
2 I
I93(A), I94(B), I110(I)
Junction Connector
1 A
2 A
1 B
2 B
B
W
R
W
W
R
W
B


(BAT)
10A
ECU-B
NO. 1
(IG)
5A
METER-IG2
2
1
V
12 AA1
26 3B
31 3D
W
I125
Junction
Connector
P
2 IA3
L
I18(B)
Combination Meter Assembly
1 B
13 B
B
IG+
Buzzer
I/F
Telltales
5V IC
CPU
LED
Driver
CAN I/F
CANL
CANH
ES
16 B
17 B
20 B
W
R
BR
I1

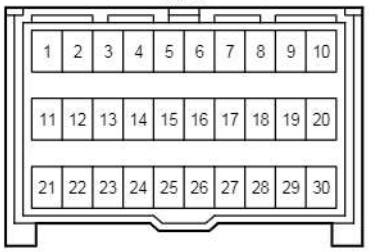
A 28
Black



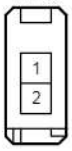
I 18
Black



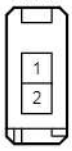
I 47
Yellow



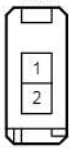
I 93
White



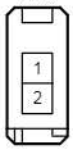
I 94
White



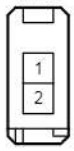
I101
White



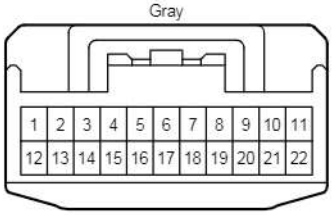
I103
White



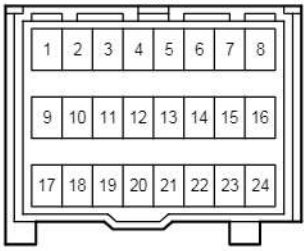
I110
White



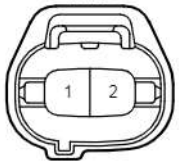
I125
Gray



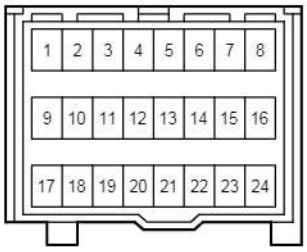
N 5
Yellow



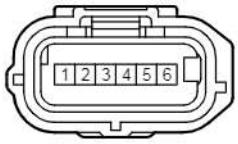
N 32
White



O 7
Yellow



d 8
Black



d 9
Gray



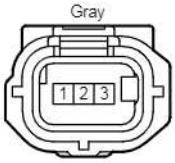
d 10
Black



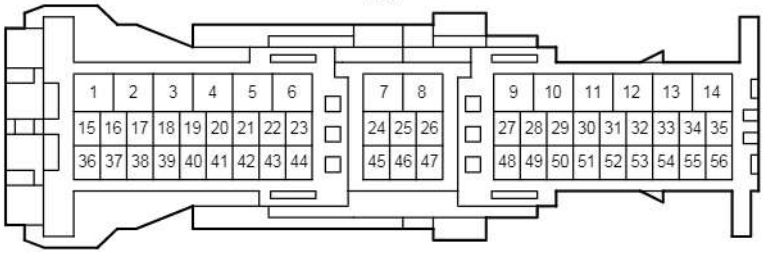
d 11
Black



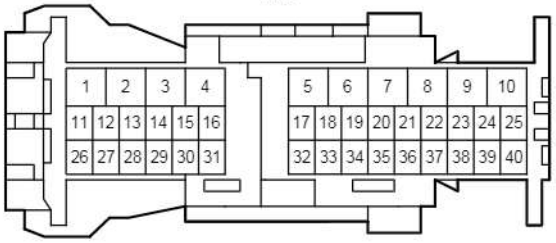
d 12
Gray



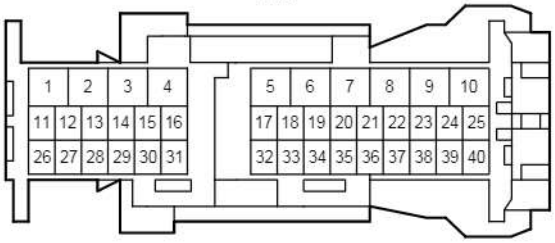
3A
White



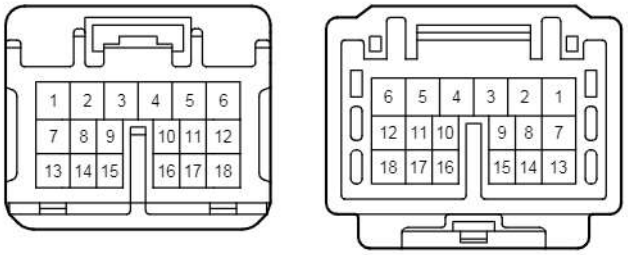
3B
White



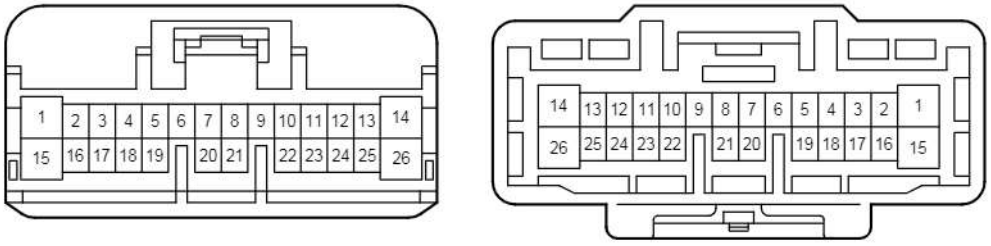
3D
White



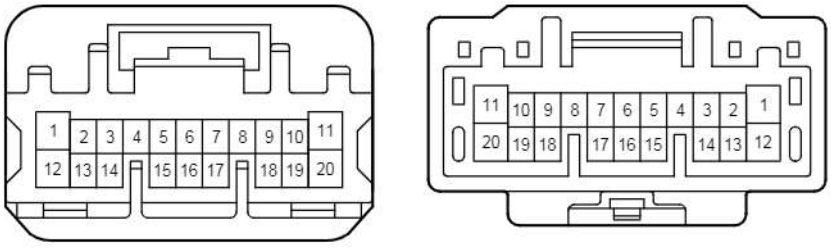
AA1
Blue

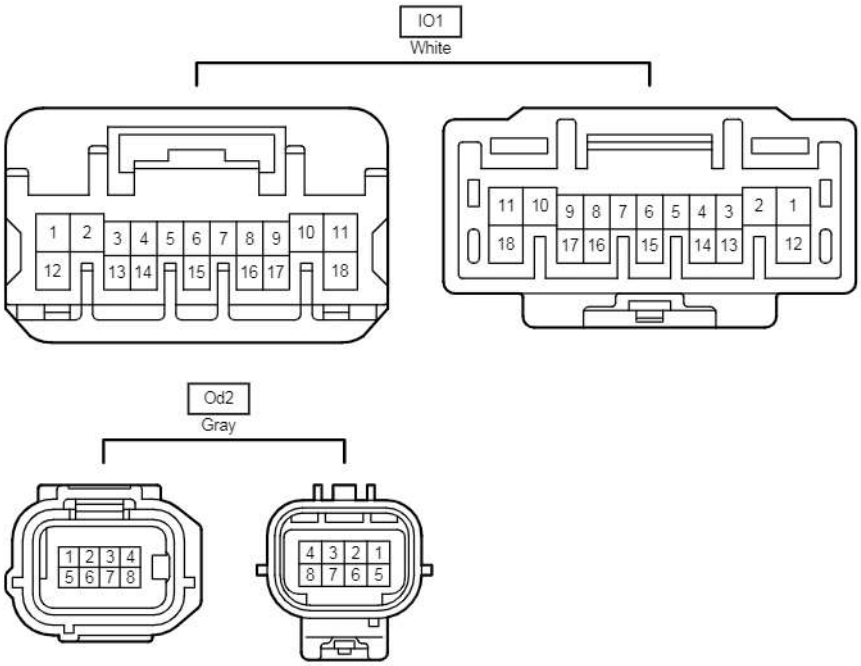


IA3
Blue

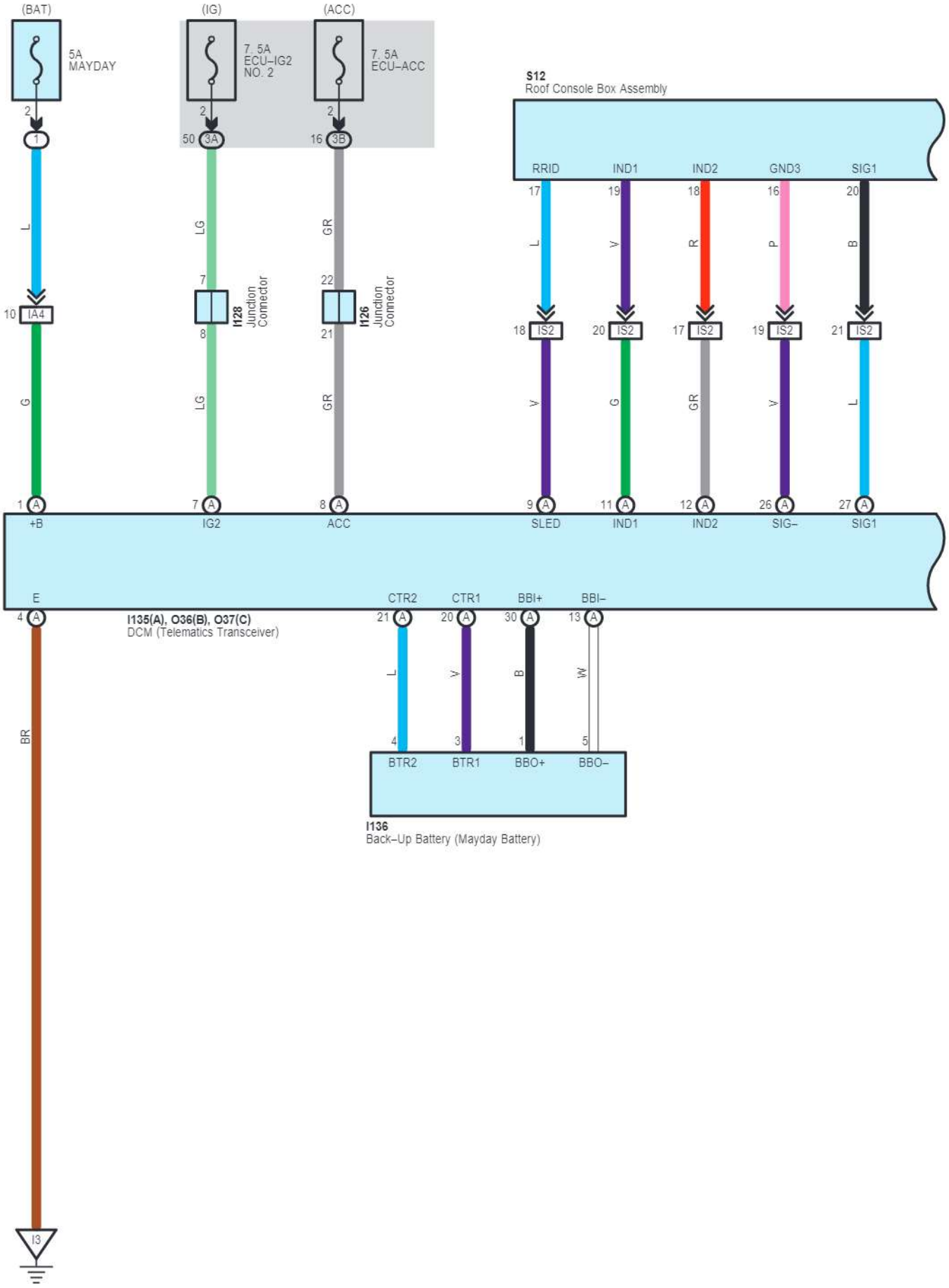


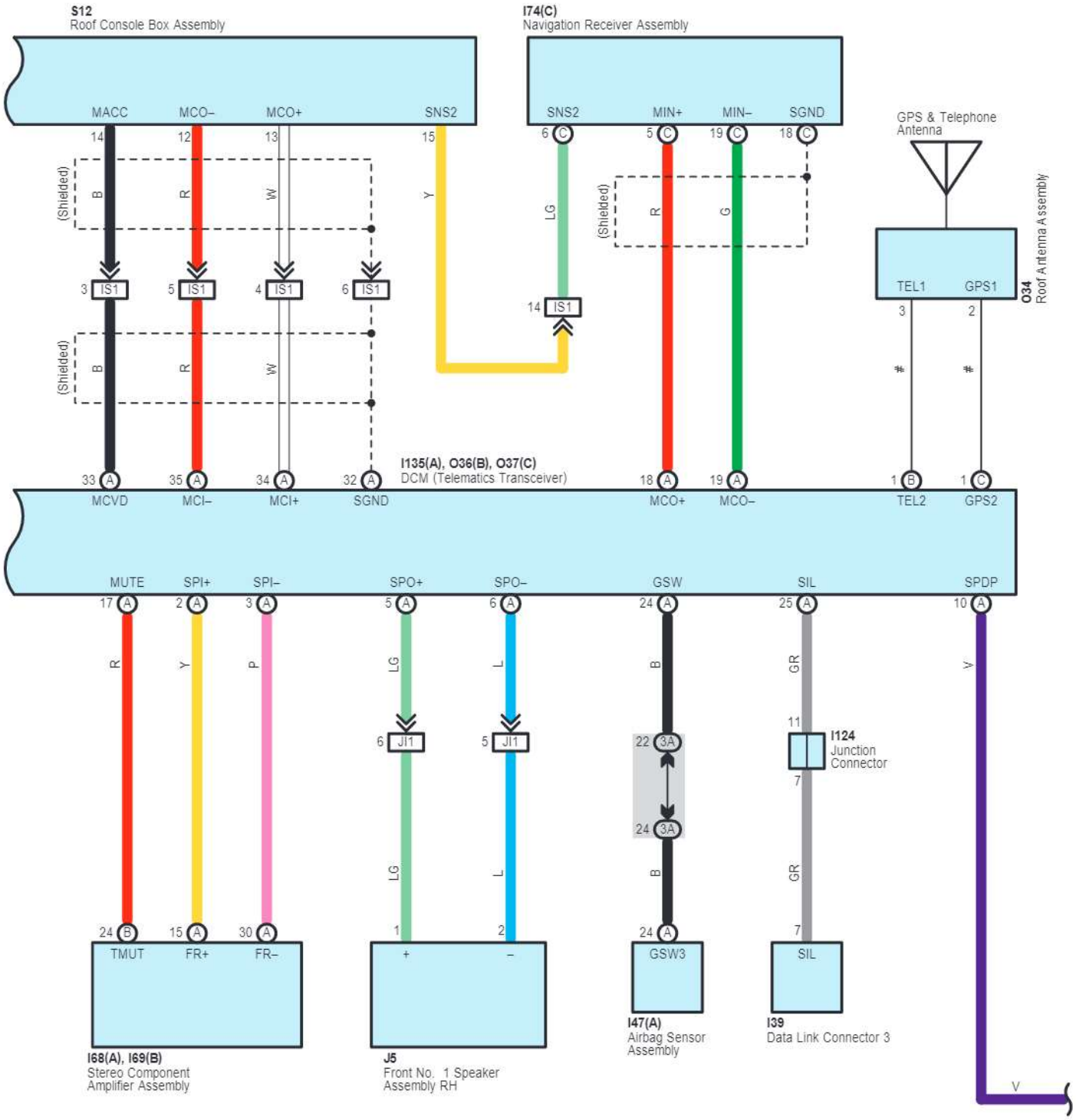
IA4
Gray



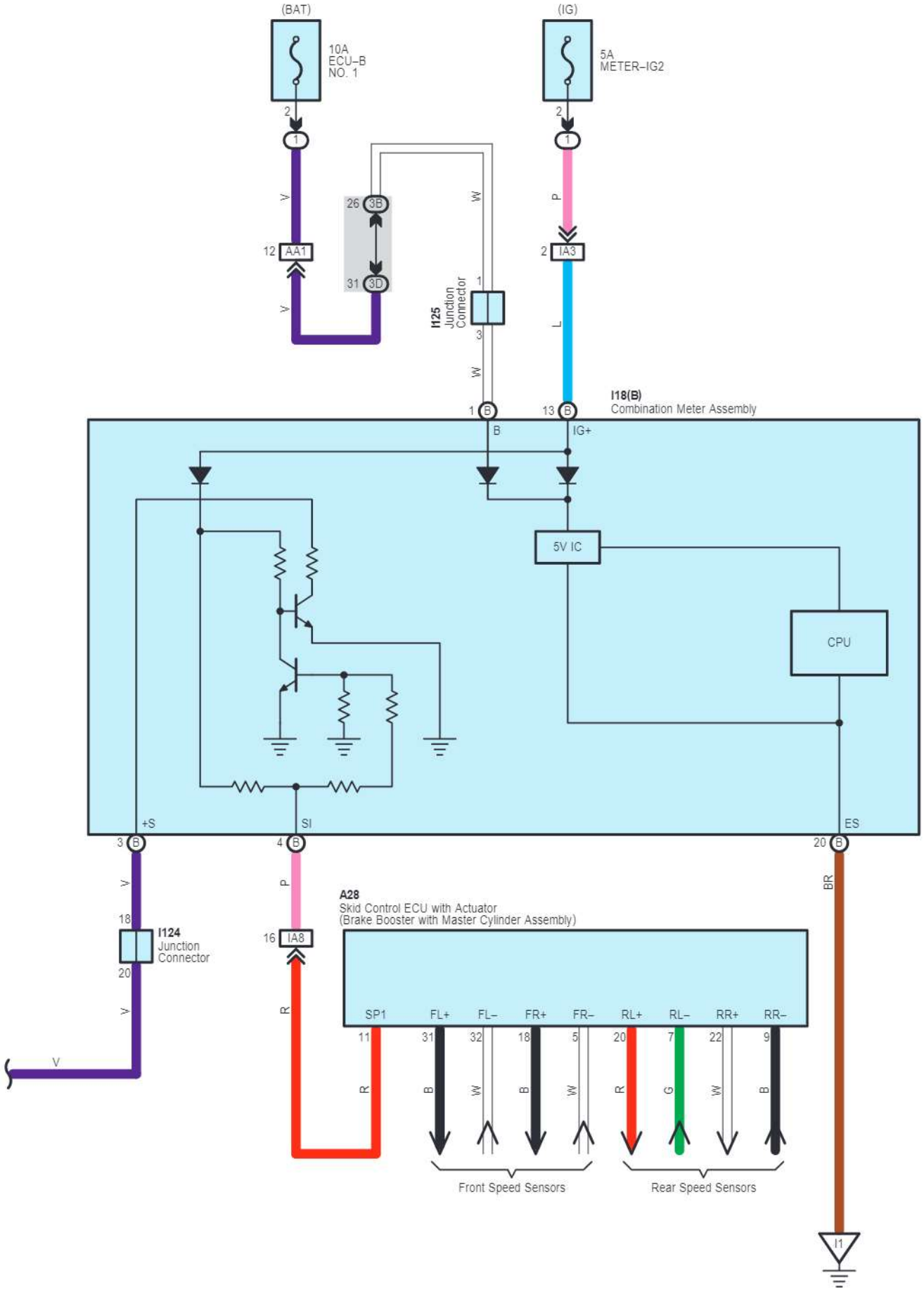

IO1
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18
11 10 9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12

Od2
Gray
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5

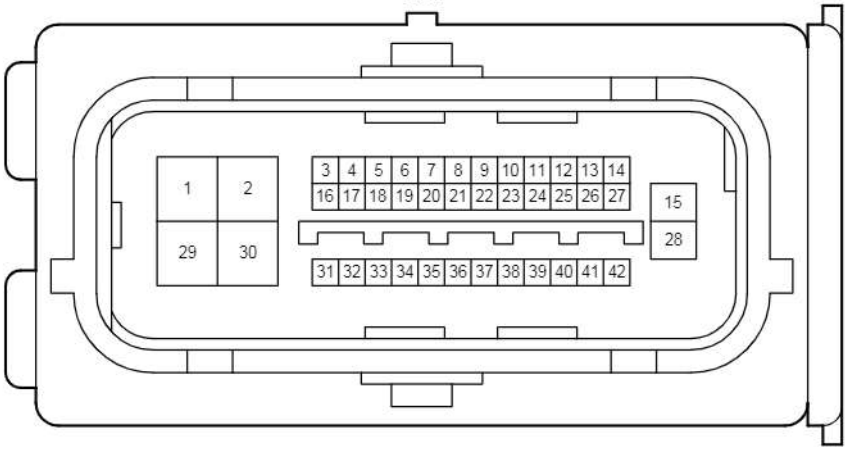

(BAT)
5A
MAYDAY
(IG)
7. 5A
ECU–IG2
NO. 2
(ACC)
7. 5A
ECU–ACC
S12
Roof Console Box Assembly
RRID
IND1
IND2
GND3
SIG1
I128
Junction
Connector
I126
Junction
Connector
+B
IG2
ACC
SLED
IND1
IND2
SIG–
SIG1
I135(A), O36(B), O37(C)
DCM (Telematics Transceiver)
CTR2
CTR1
BBI+
BBI–
BTR2
BTR1
BBO+
BBO–
I136
Back–Up Battery (Mayday Battery)
I3



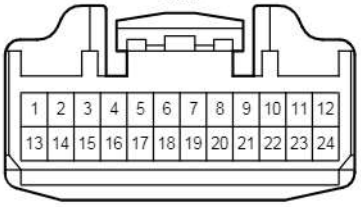
: There is no wire color information.


(BAT)
10A
ECU–B
NO. 1
(IG)
5A
METER–IG2
2
1
V
26 3B
31 3D
W
12 AA1
I125
Junction
Connector
3
1
P
2 IA3
L
I18(B)
Combination Meter Assembly
1 B
13 B
B
IG+
5V IC
CPU
+S
SI
ES
3 B
4 B
20 B
BR
18
I124
Junction
Connector
20
16 IA8
A28
Skid Control ECU with Actuator
(Brake Booster with Master Cylinder Assembly)
SP1
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
11
31
32
18
5
20
7
22
9
G
Front Speed Sensors
Rear Speed Sensors
I1

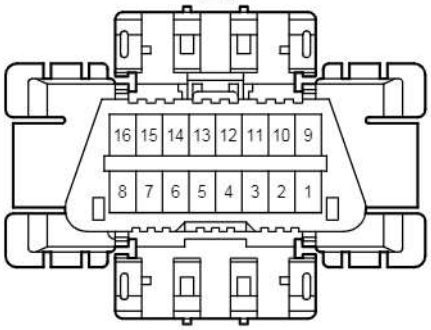
A 28
Black



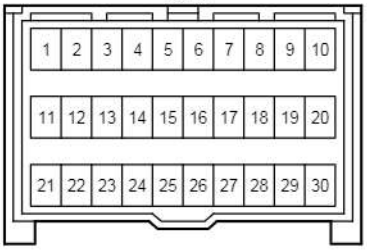
I 18
Black



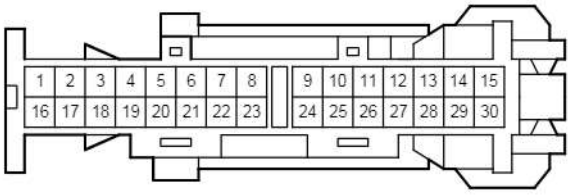
I 39
White



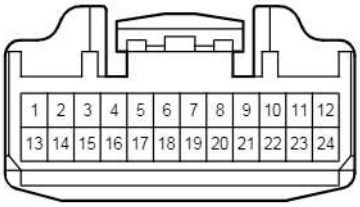
I 47
Yellow



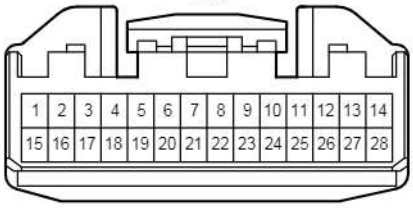
I 68
White



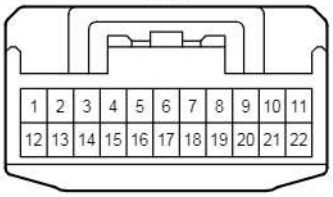
I 69
White



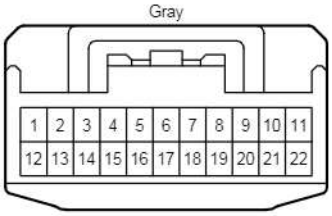
I 74
White



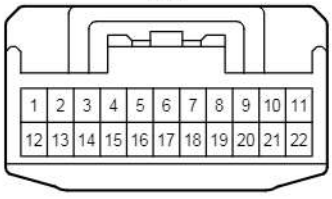
I124
White



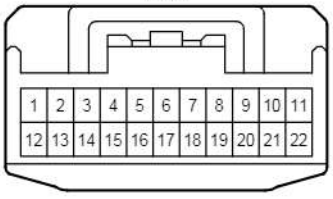
I125
Gray



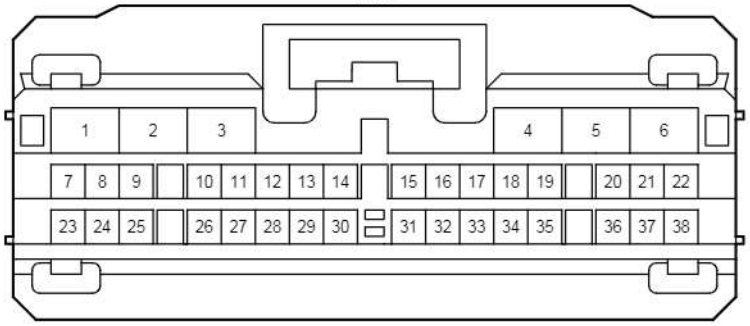
I126
White



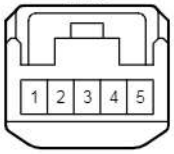
I128
White



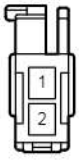
I135
White



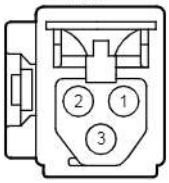
I136
White



J 5
Black



O 34
Blue



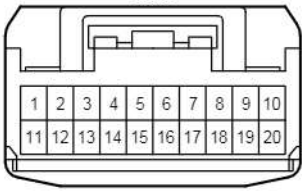
O 36
Blue



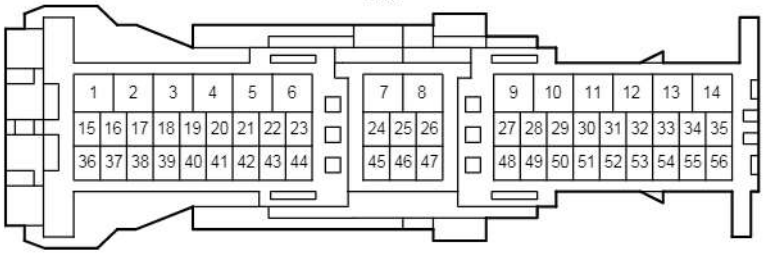
O 37
Gray



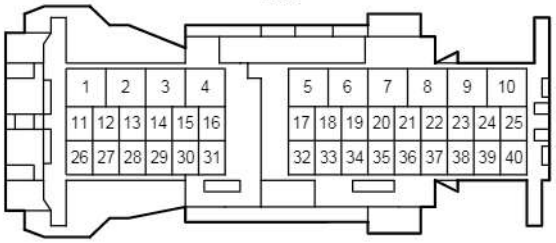
S 12
Black



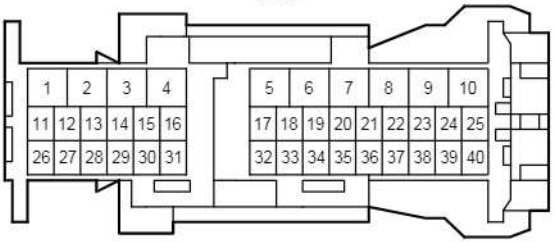
3A
White



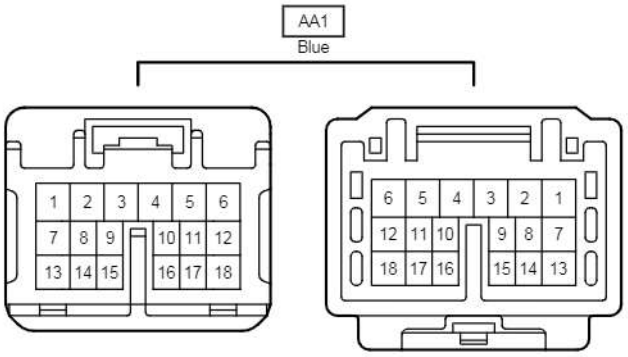
3B
White



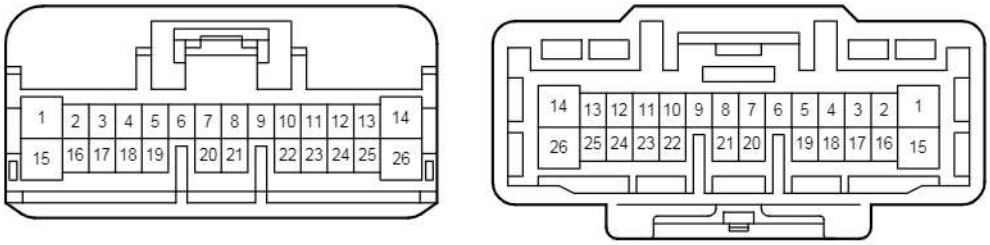
3D
White



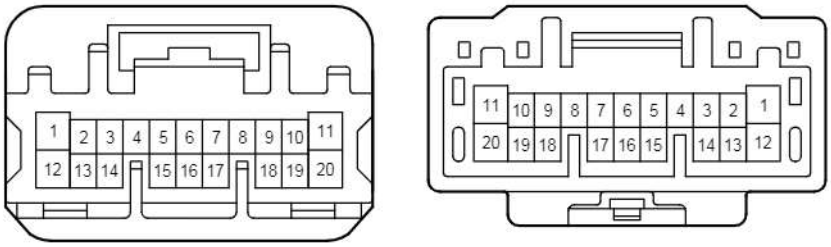
AA1
Blue



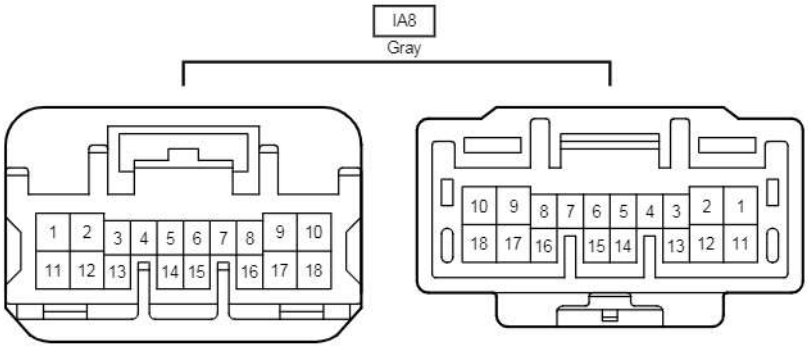
IA3
Blue



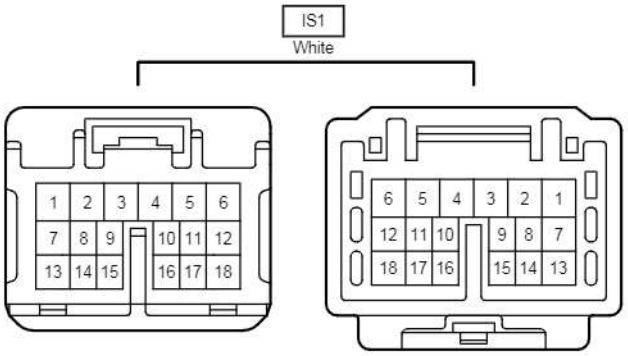
IA4
Gray



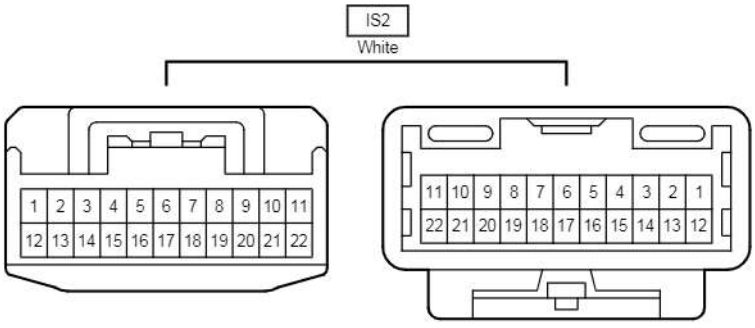
IA8
Gray

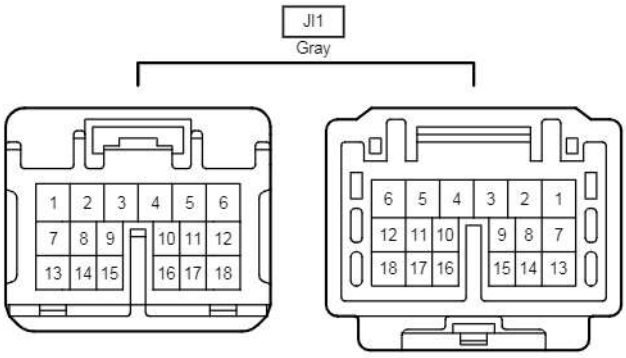


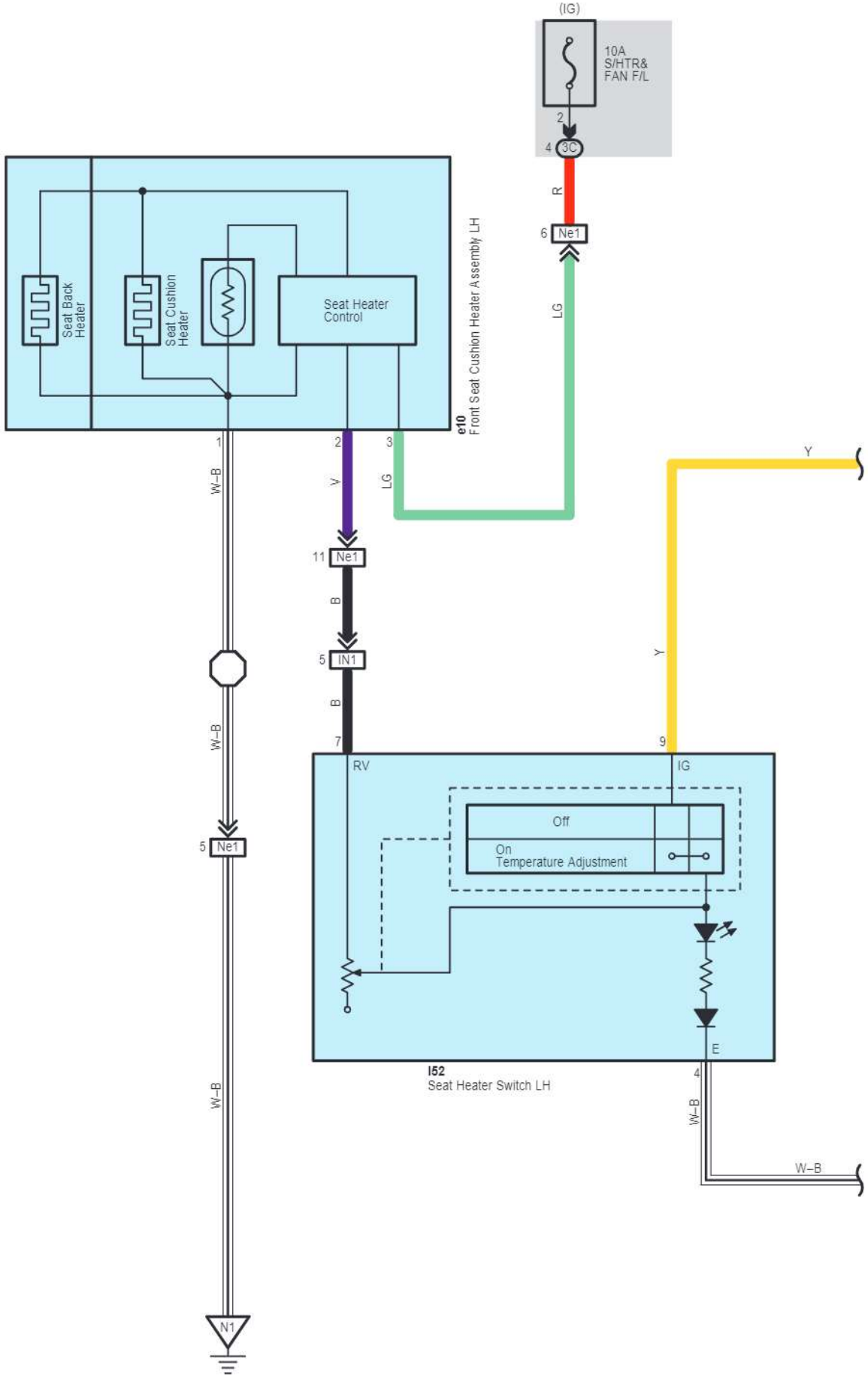
IS1
White

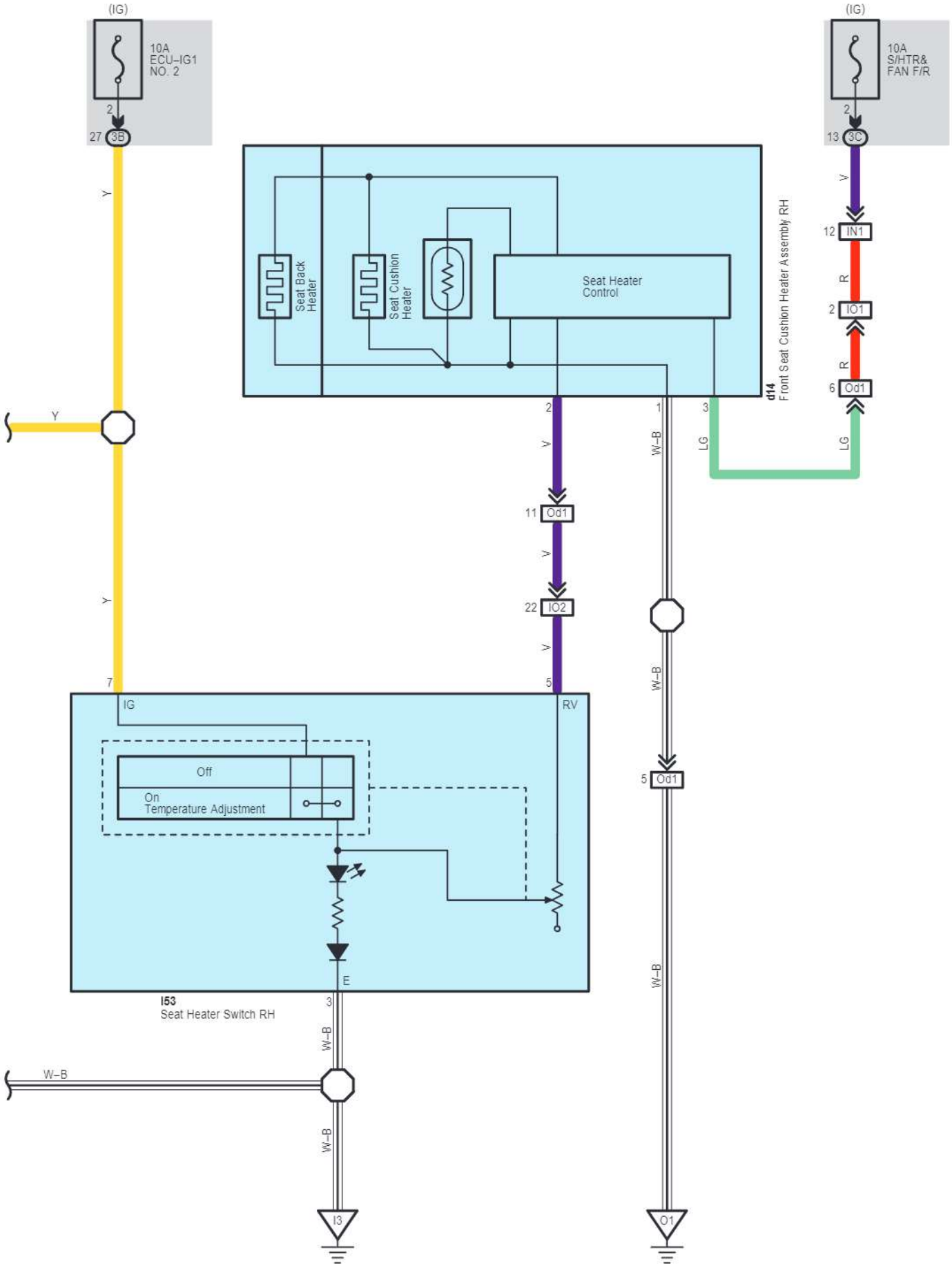


IS2
White

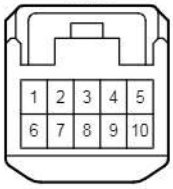



JI1
Gray
1 2 3 4 5 6
7 8 9 10 11 12
13 14 15 16 17 18
6 5 4 3 2 1
12 11 10 9 8 7
18 17 16 15 14 13

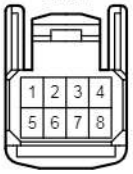

(IG)
10A
S/HTR&
FAN F/L
2
4 3C
R
6 Ne1
LG
Seat Back
Heater
Seat Cushion
Heater
Seat Heater
Control
e10
Front Seat Cushion Heater Assembly LH
1
W-B
2
V
3
LG
Y
11 Ne1
B
5 IN1
B
7
9
Y
RV
IG
Off
On
Temperature Adjustment
W-B
5 Ne1
W-B
N1
E
I52
Seat Heater Switch LH
4
W-B
W-B


(IG)
10A
ECU–IG1
NO. 2
2
27 3B
Y
Y
Y
7
IG
(IG)
10A
S/HTR&
FAN F/R
2
13 3C
V
12 IN1
R
2 IO1
R
6 Od1
LG
LG
Seat Back
Heater
Seat Cushion
Heater
Seat Heater
Control
d14
Front Seat Cushion Heater Assembly RH
2
V
11 Od1
V
22 IO2
V
5
RV
1
W–B
W–B
5 Od1
W–B
3
LG
Off
On
Temperature Adjustment
E
I53
Seat Heater Switch RH
3
W–B
W–B
W–B
I3
O1

I 52
Black



I 53
Black



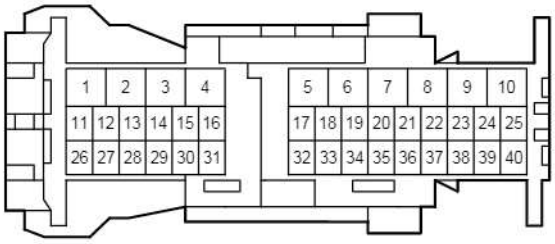
d 14
White



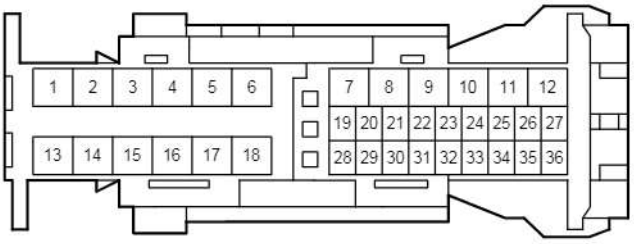
e 10
White



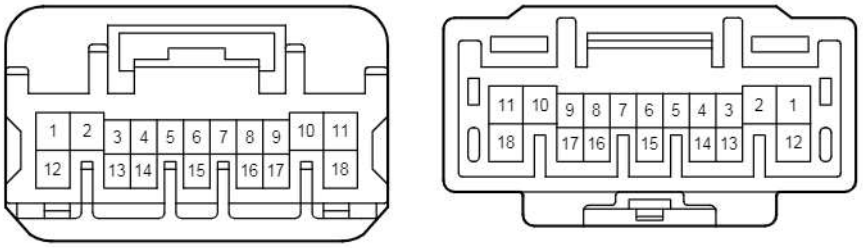
3B
White



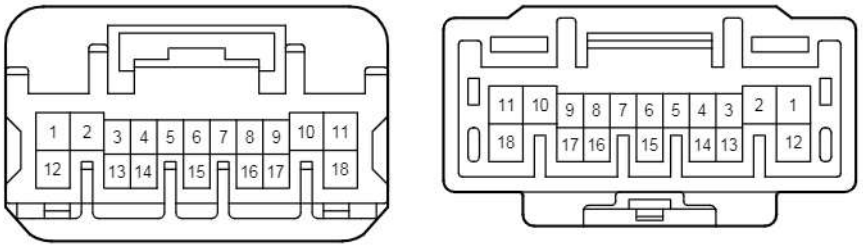
3C
White



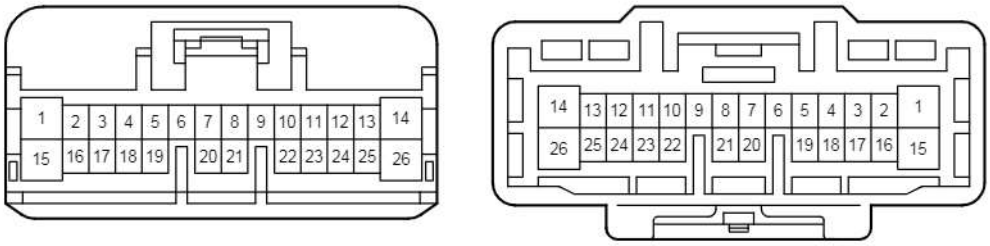
IN1
White

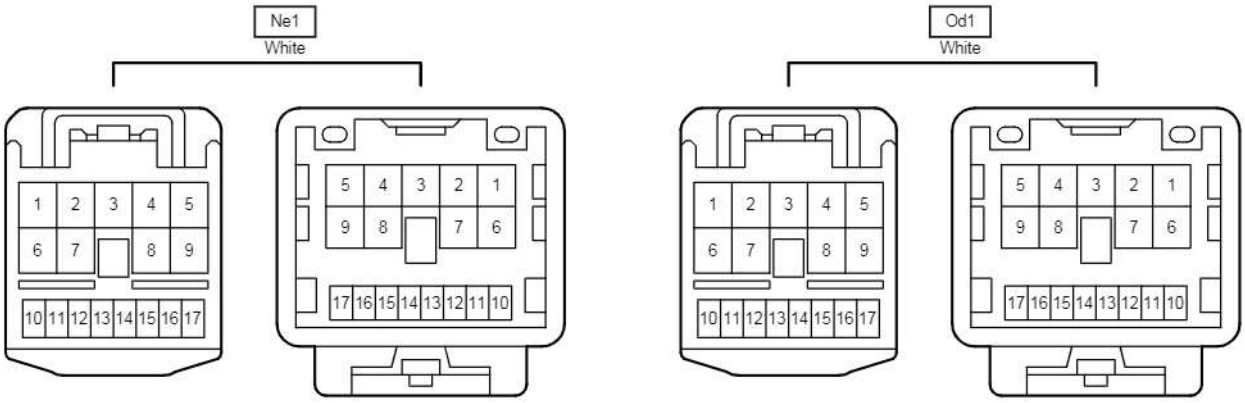


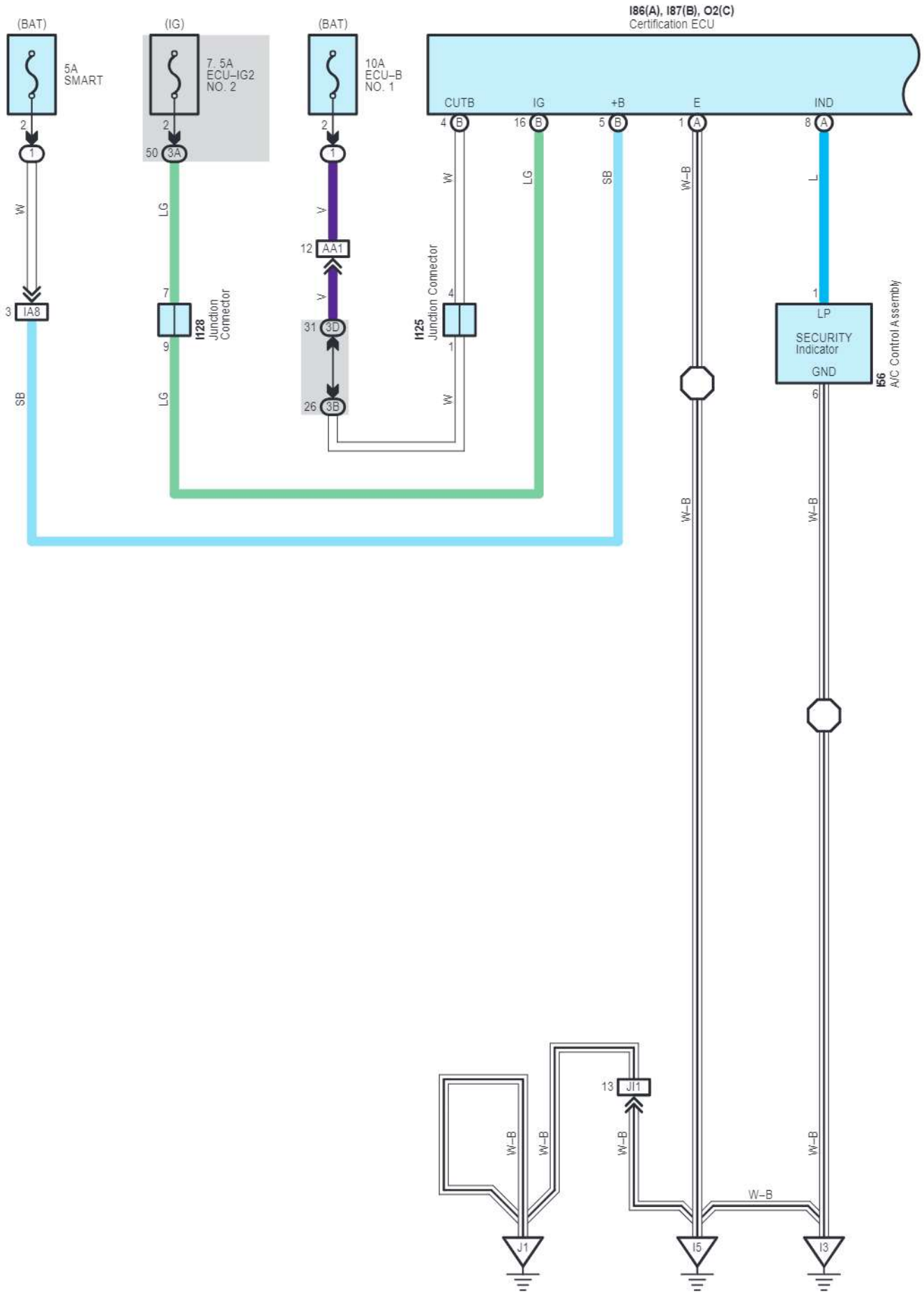
IO1
White

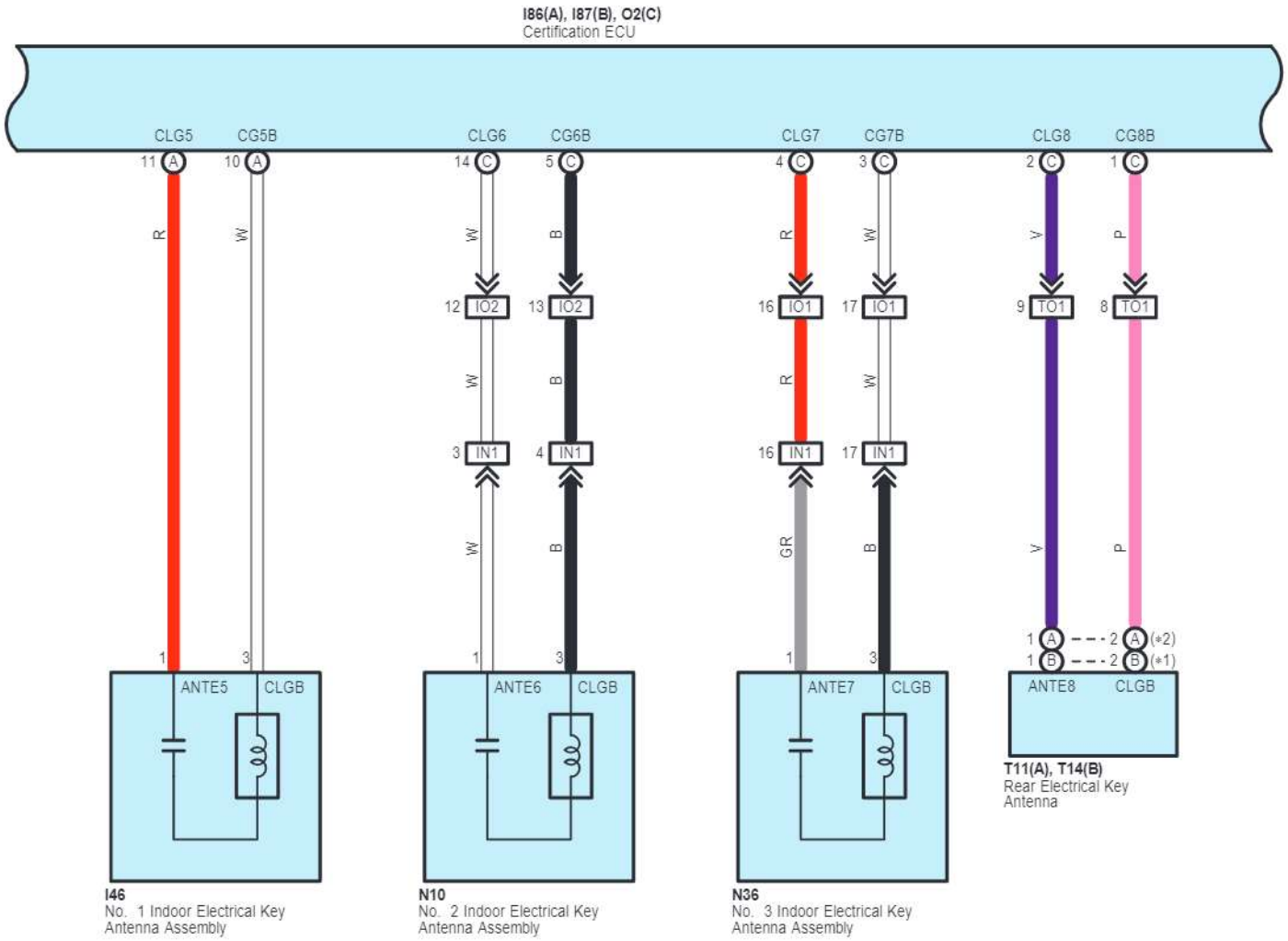


IO2
White

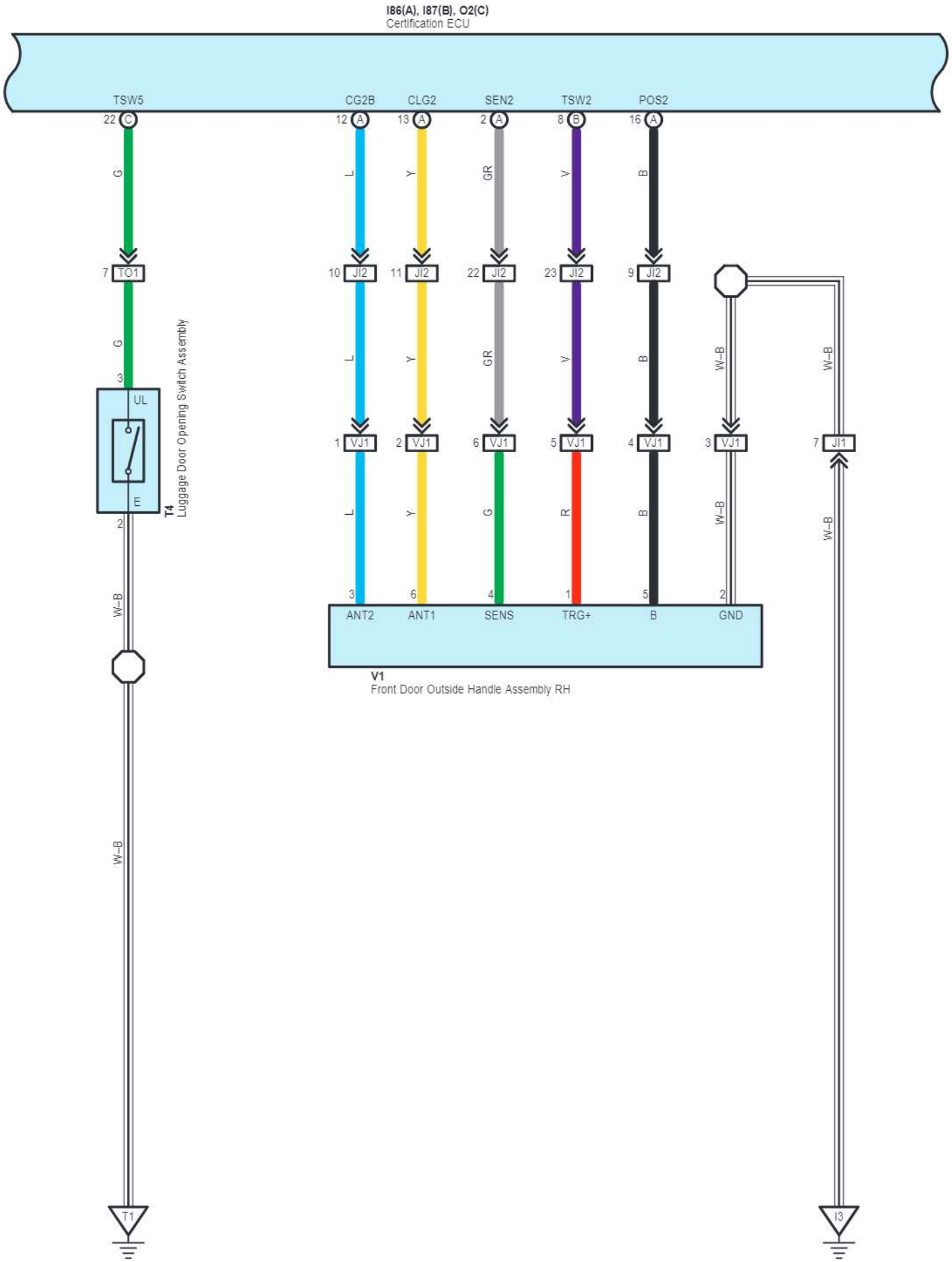


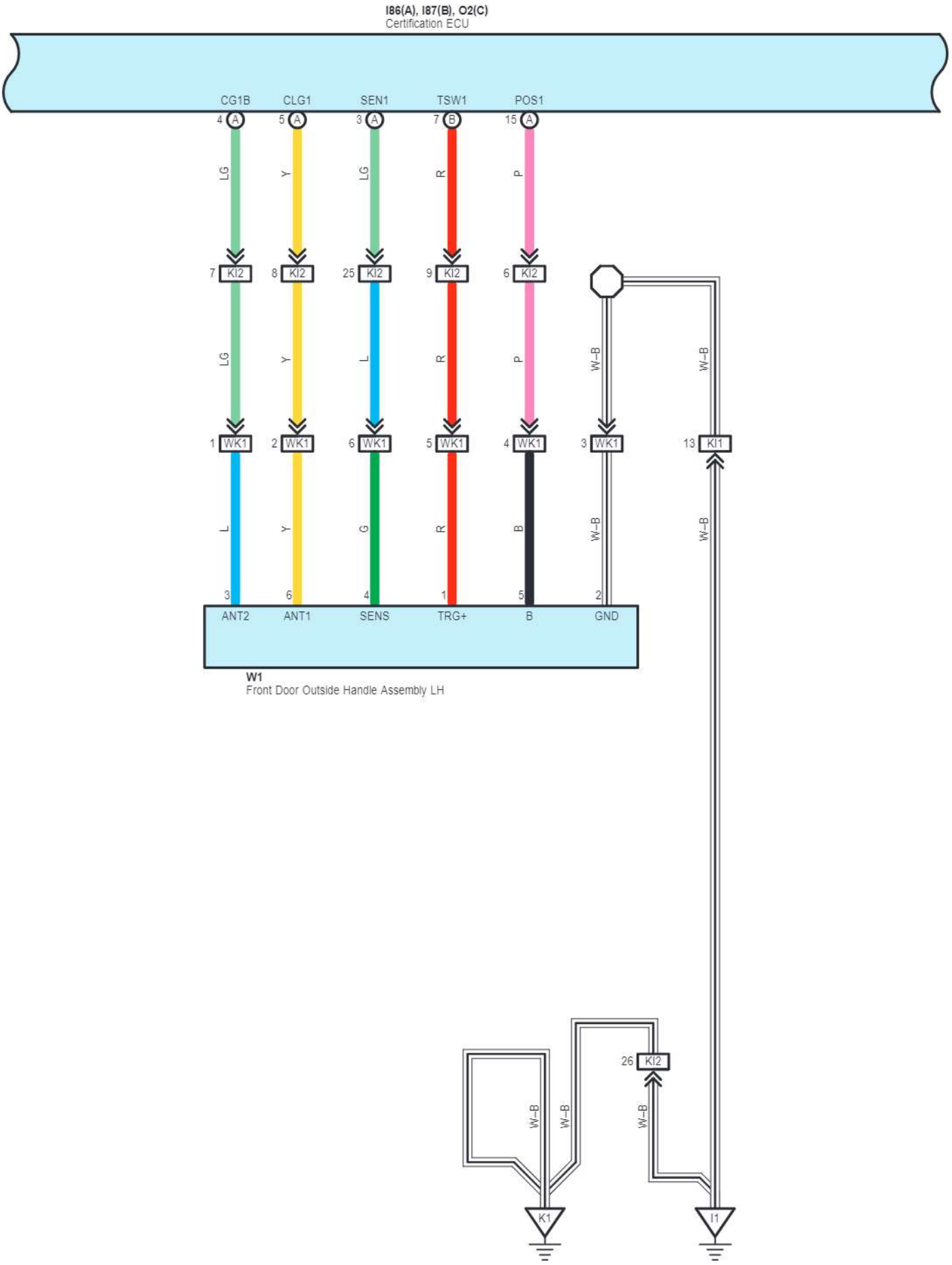

Ne1
White
1 2 3 4 5
6 7 8 9
10 11 12 13 14 15 16 17
5 4 3 2 1
9 8 7 6
17 16 15 14 13 12 11 10
Od1
White
1 2 3 4 5
6 7 8 9
10 11 12 13 14 15 16 17
5 4 3 2 1
9 8 7 6
17 16 15 14 13 12 11 10

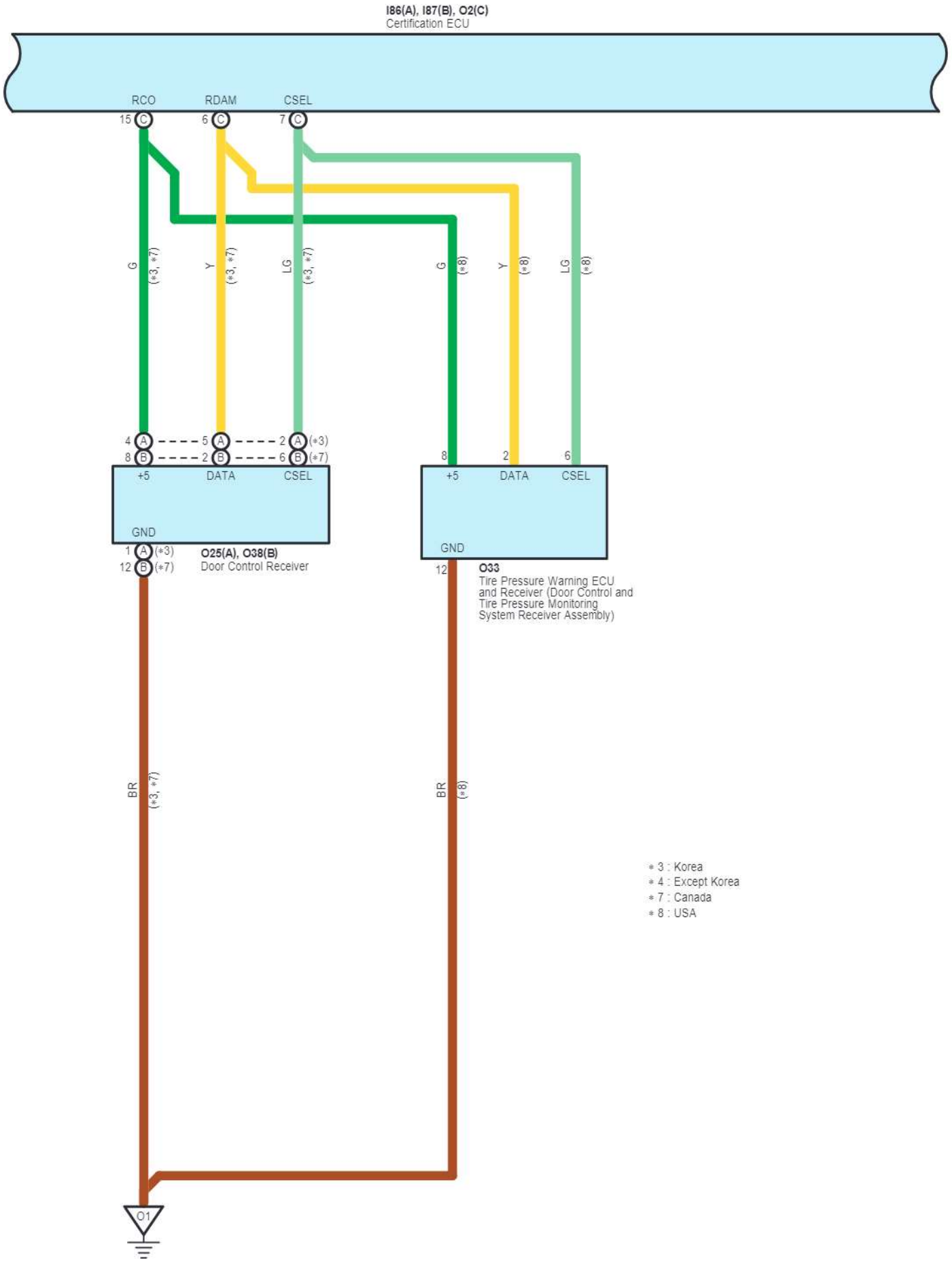

(BAT)
5A
SMART
2
1
W
3
IA8
SB
(IG)
7. 5A
ECU–IG2
NO. 2
2
50
3A
LG
7
I128
Junction
Connector
9
LG
(BAT)
10A
ECU–B
NO. 1
2
1
V
12
AA1
V
31
3D
26
3B
I86(A), I87(B), O2(C)
Certification ECU
CUTB
IG
+B
E
IND
4
B
16
B
5
B
1
A
8
A
W
LG
SB
W–B
L
I125
Junction Connector
4
1
W
1
LP
SECURITY
Indicator
GND
6
I56
A/C Control Assembly
W–B
W–B
13
JI1
W–B
W–B
W–B
W–B
J1
I5
I3

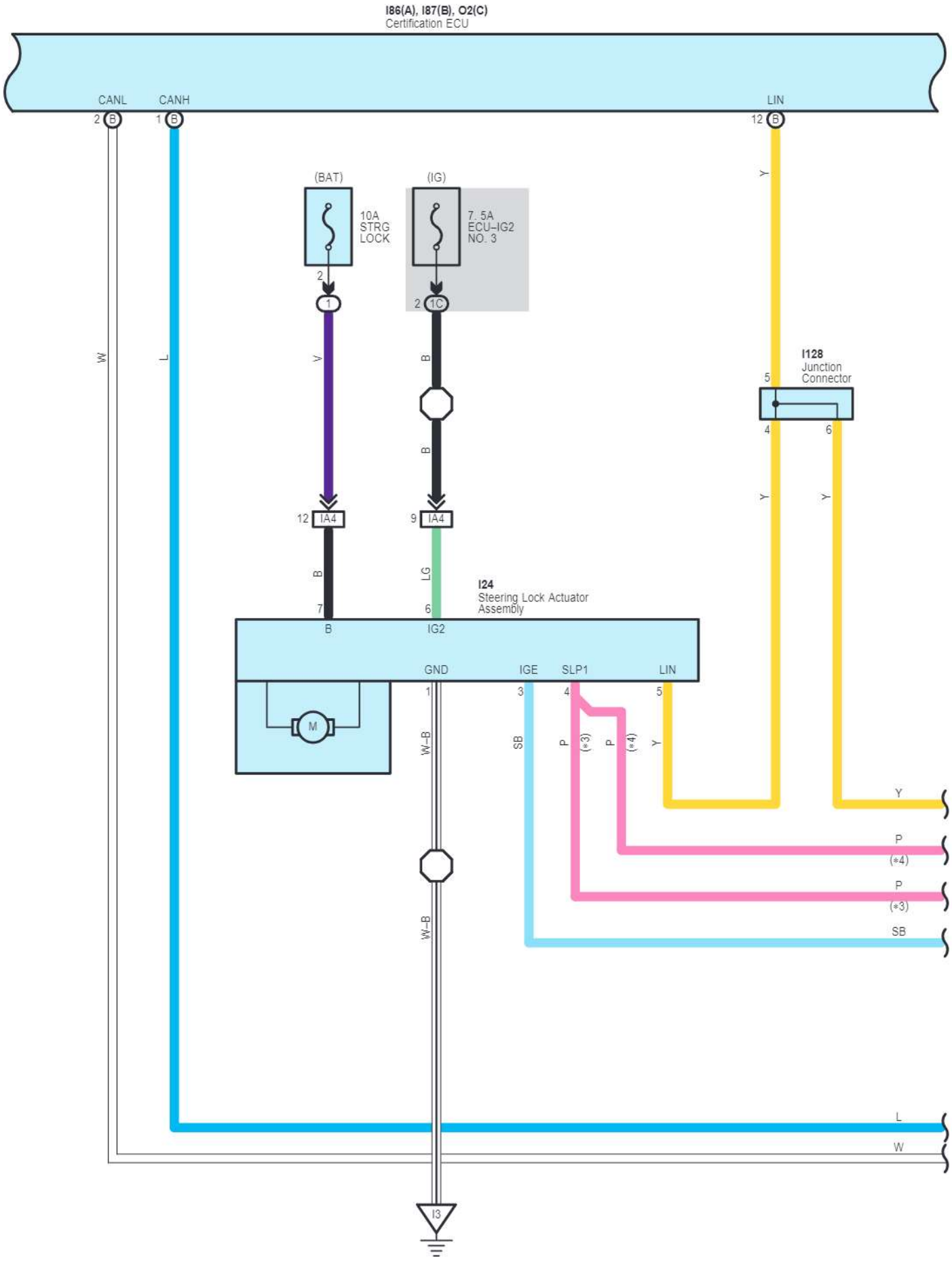


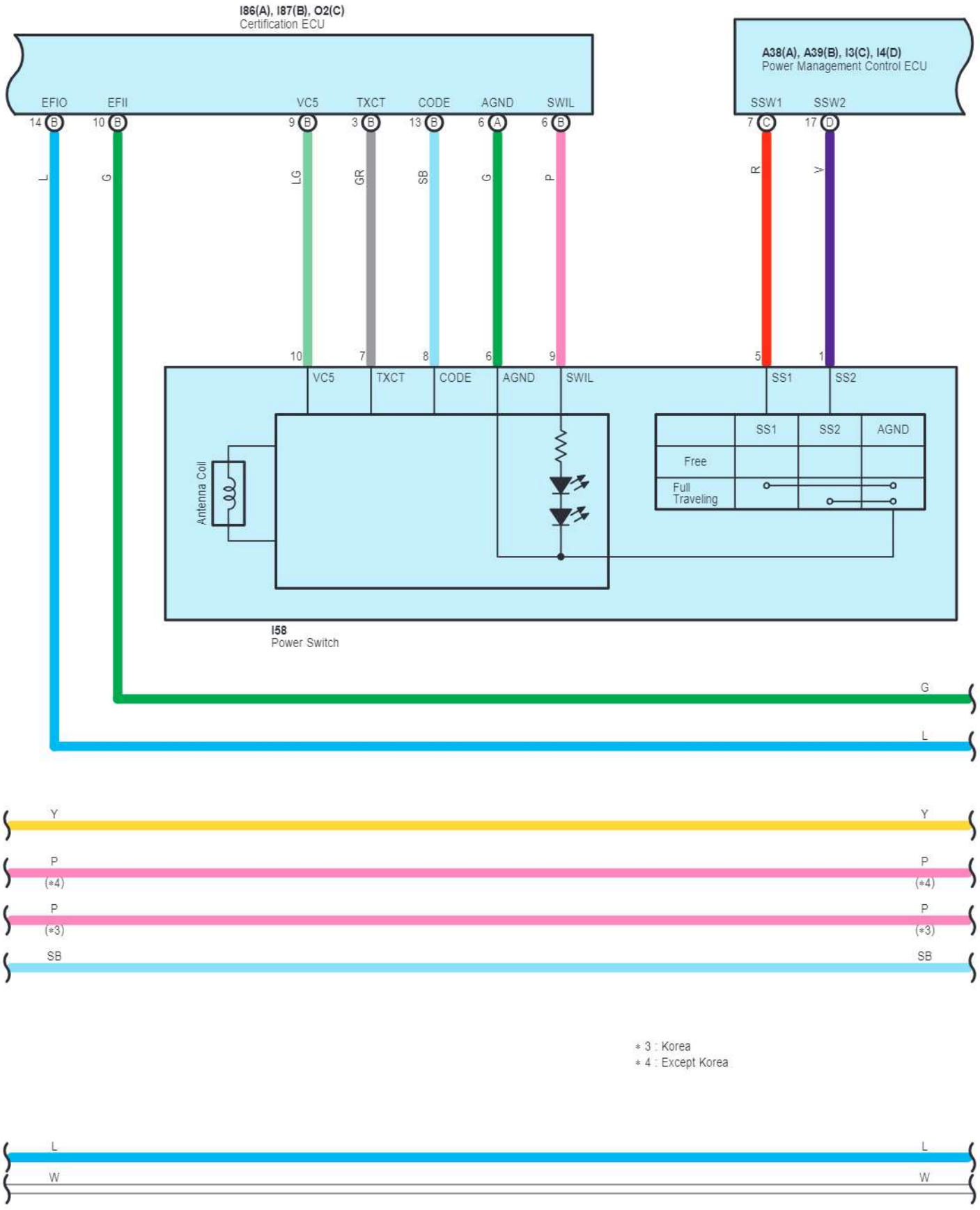
* 1 : w/ Blind Spot Monitor System
* 2 : w/o Blind Spot Monitor System

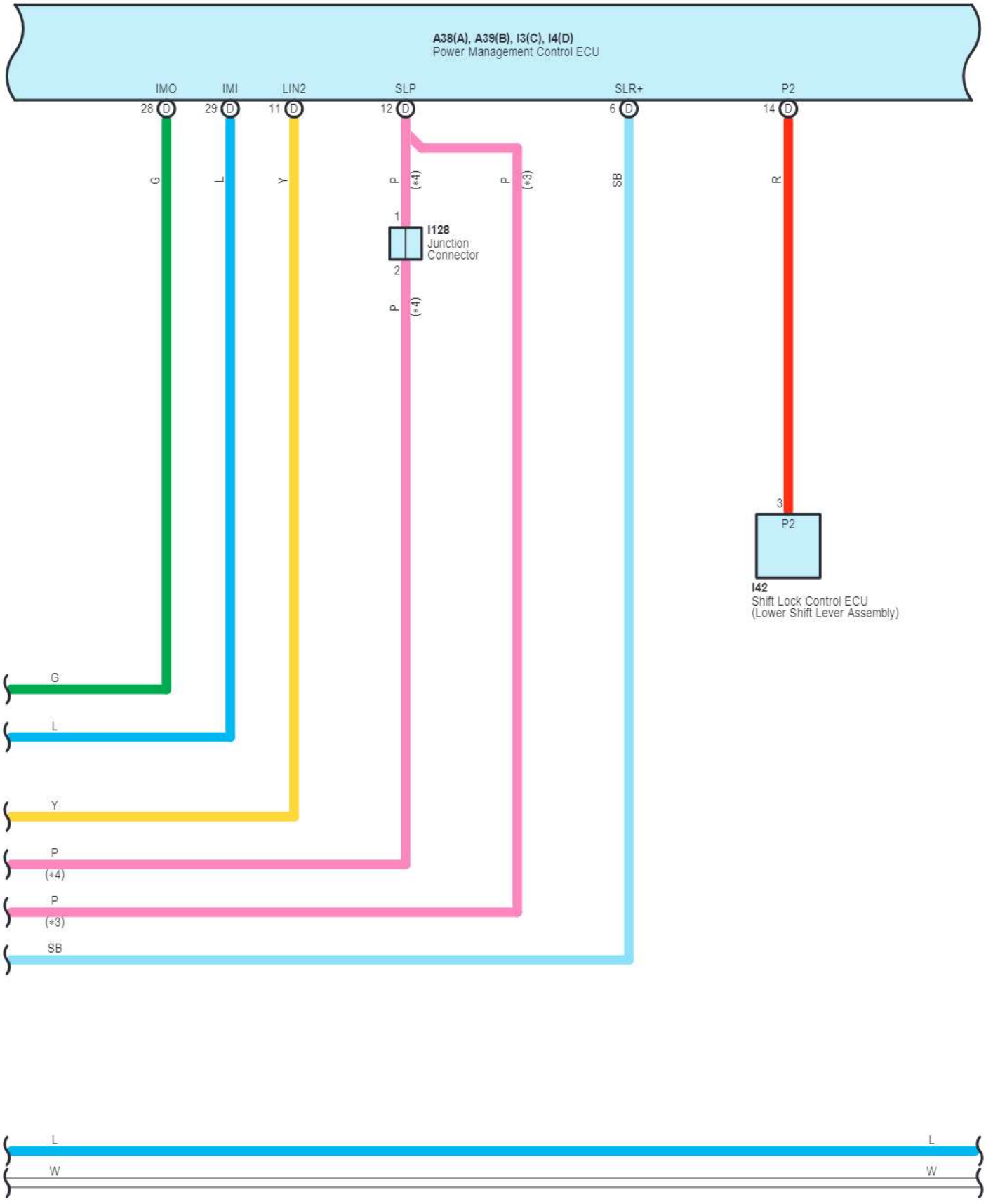

I86(A), I87(B), O2(C)
Certification ECU
TSW5
CG2B
CLG2
SEN2
TSW2
POS2
22 C
12 A
13 A
2 A
8 B
16 A
G
L
Y
GR
V
B
7 TO1
10 JI2
11 JI2
22 JI2
23 JI2
9 JI2
W-B
3
UL
E
T4
Luggage Door Opening Switch Assembly
2
1 VJ1
2 VJ1
6 VJ1
5 VJ1
4 VJ1
3 VJ1
7 JI1
3
6
4
1
5
2
ANT2
ANT1
SENS
TRG+
B
GND
V1
Front Door Outside Handle Assembly RH
T1
I3

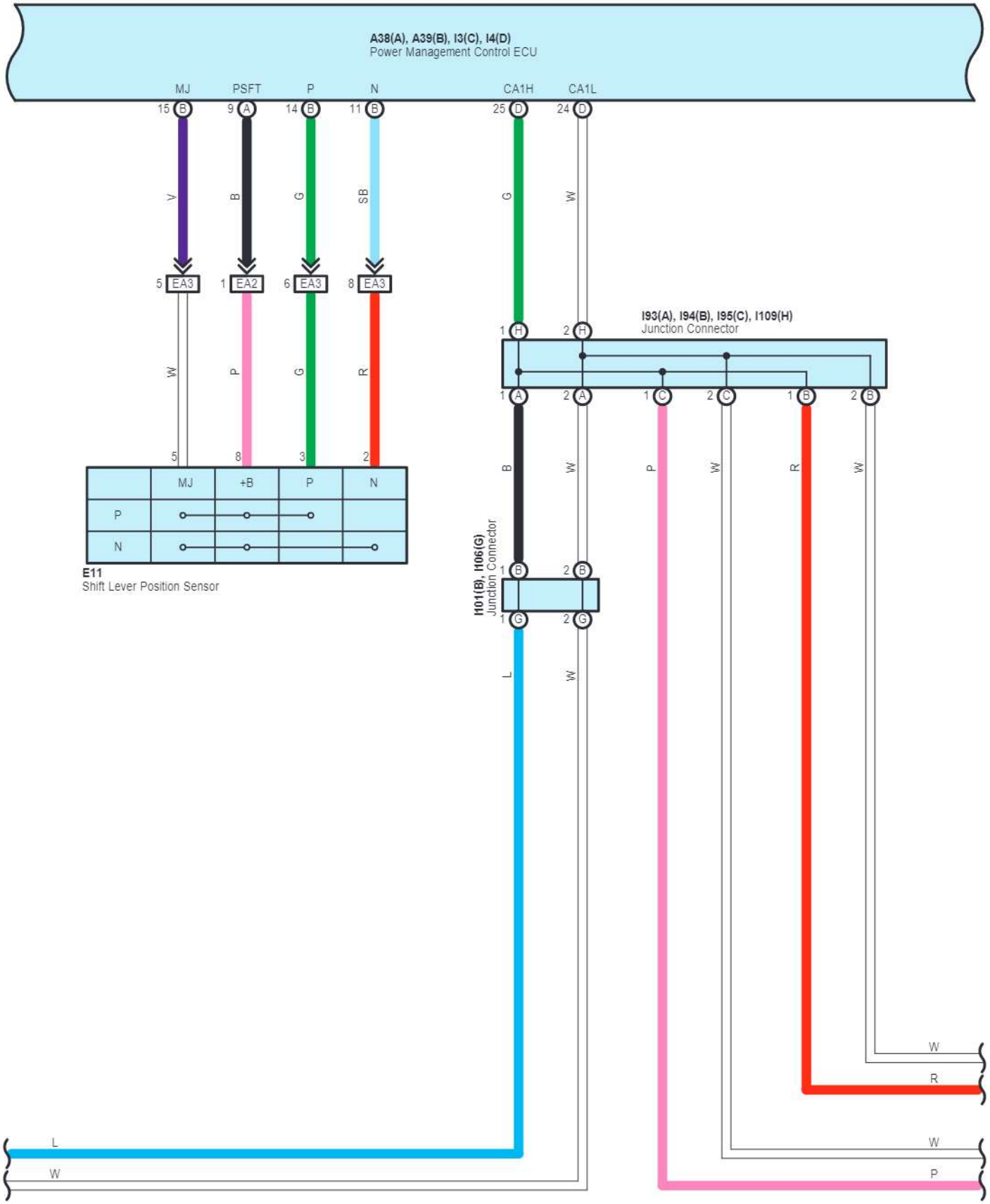

I86(A), I87(B), O2(C)
Certification ECU
CG1B
CLG1
SEN1
TSW1
POS1
4 A
5 A
3 A
7 B
15 A
LG
Y
LG
R
P
7 KI2
8 KI2
25 KI2
9 KI2
6 KI2
LG
Y
L
R
P
W-B
W-B
1 WK1
2 WK1
6 WK1
5 WK1
4 WK1
3 WK1
13 KI1
L
Y
G
R
B
W-B
W-B
3
6
4
1
5
2
ANT2
ANT1
SENS
TRG+
B
GND
W1
Front Door Outside Handle Assembly LH
26 KI2
W-B
W-B
W-B
K1
I1

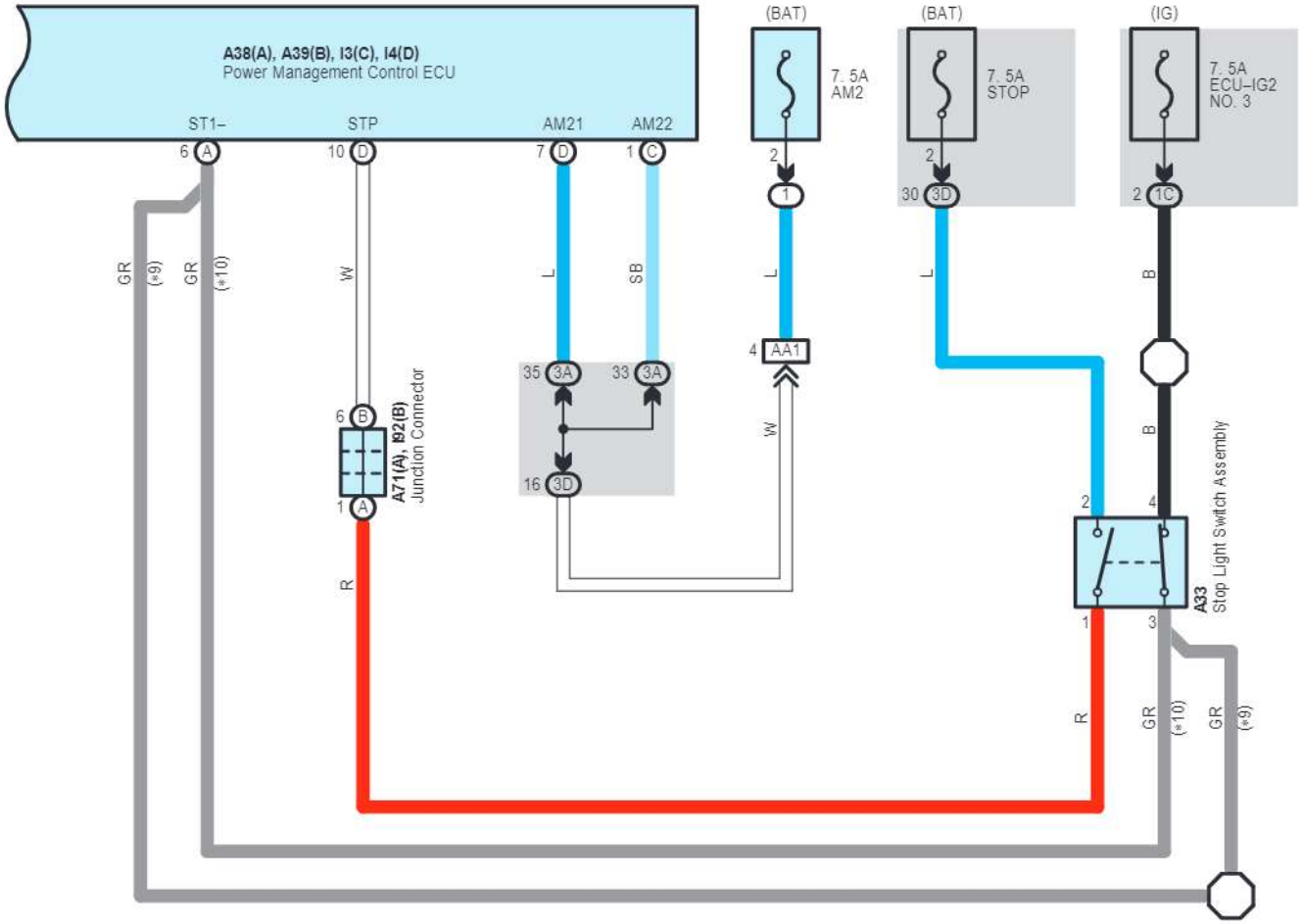

I86(A), I87(B), O2(C)
Certification ECU
RCO
RDAM
CSEL
15 C
6 C
7 C
G (*3, *7)
Y (*3, *7)
LG (*3, *7)
G (*8)
Y (*8)
LG (*8)
4 A
8 B
5 A
2 B
2 A (*3)
6 B (*7)
+5
DATA
CSEL
GND
1 A (*3)
12 B (*7)
O25(A), O38(B)
Door Control Receiver
8
2
6
+5
DATA
CSEL
GND
12
O33
Tire Pressure Warning ECU and Receiver (Door Control and Tire Pressure Monitoring System Receiver Assembly)
BR (*3, *7)
BR (*8)
O1
* 3 : Korea
* 4 : Except Korea
* 7 : Canada
* 8 : USA


I86(A), I87(B), O2(C)
Certification ECU
CANL
CANH
LIN
2 B
1 B
12 B
(BAT)
(IG)
10A
STRG
LOCK
7.5A
ECU–IG2
NO. 3
2
1
2 1C
W
L
V
B
B
Y
I128
Junction
Connector
5
4
6
Y
Y
12 IA4
9 IA4
B
LG
7
6
B
IG2
I24
Steering Lock Actuator
Assembly
GND
IGE
SLP1
LIN
1
3
4
5
M
W–B
SB
P
(*3)
P
(*4)
Y
Y
P
(*4)
P
(*3)
SB
W–B
L
W
I3

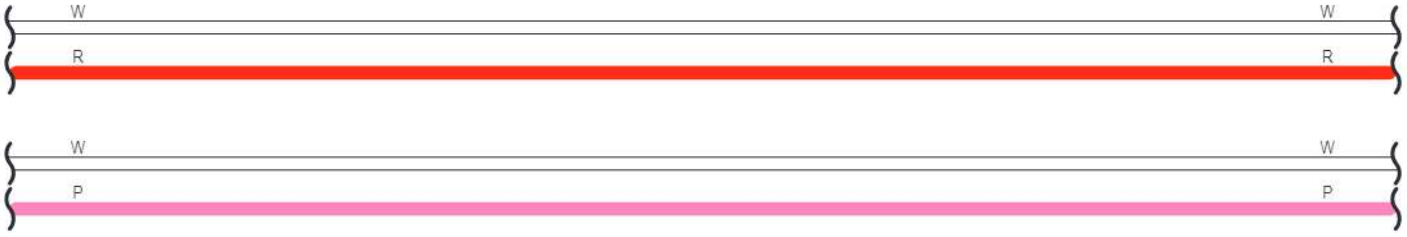

I86(A), I87(B), O2(C)
Certification ECU
EFIO
EFII
VC5
TXCT
CODE
AGND
SWIL
14 B
10 B
9 B
3 B
13 B
6 A
6 B
L
G
LG
GR
SB
G
P
A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
SSW1
SSW2
7 C
17 D
R
V
10
7
8
6
9
5
1
VC5
TXCT
CODE
AGND
SWIL
SS1
SS2
Antenna Coil
SS1
SS2
AGND
Free
Full Traveling
I58
Power Switch
G
L
Y
Y
P
(*4)
P
(*4)
P
(*3)
P
(*3)
SB
SB
* 3 : Korea
* 4 : Except Korea
L
L
W
W

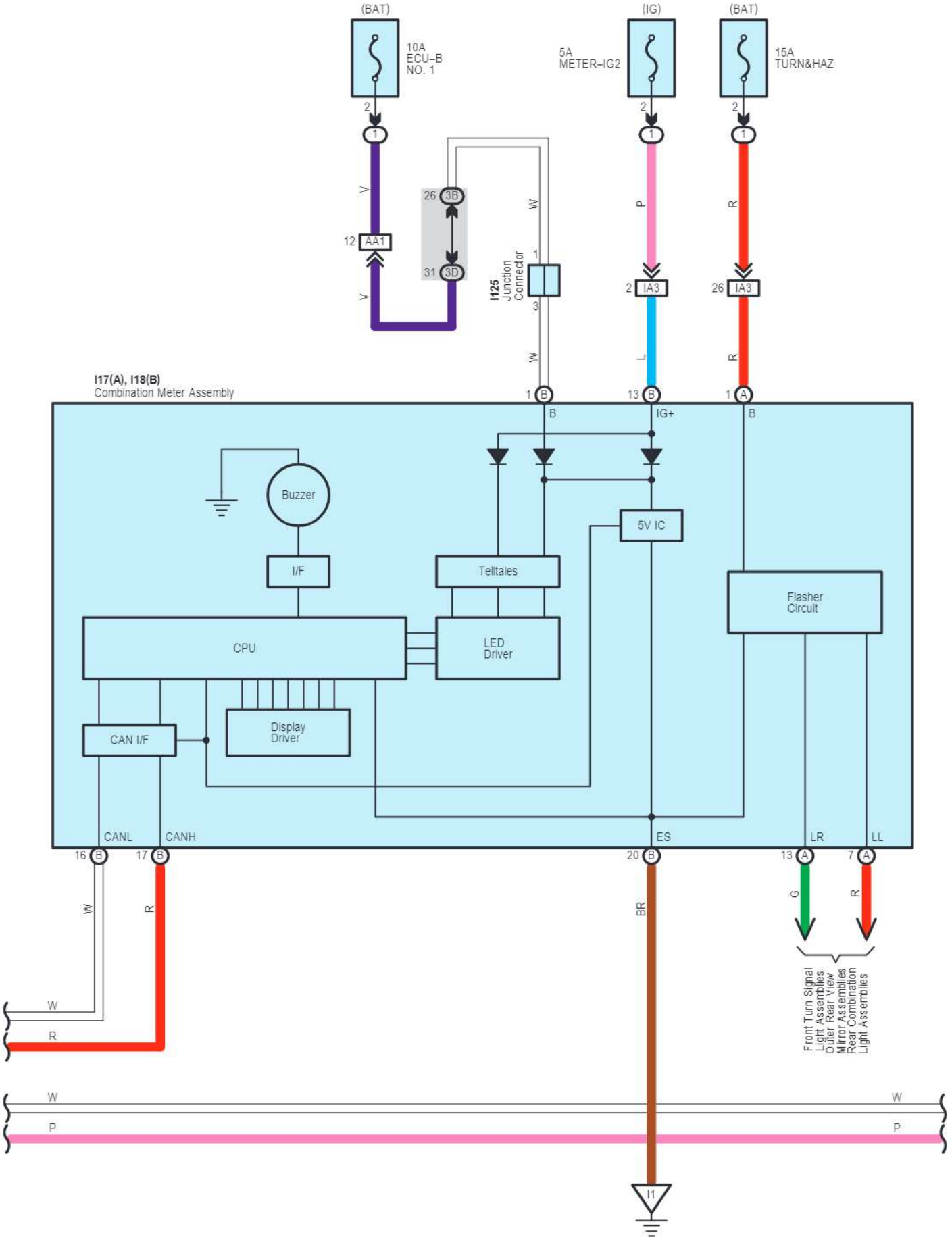

A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
IMO
IMI
LIN2
SLP
SLR+
P2
28
29
11
12
6
14
G
L
Y
P
(*4)
P
(*3)
SB
R
1
2
I128
Junction Connector
3
P2
I42
Shift Lock Control ECU
(Lower Shift Lever Assembly)
G
L
Y
P
(*4)
P
(*3)
SB
L
W
L
W

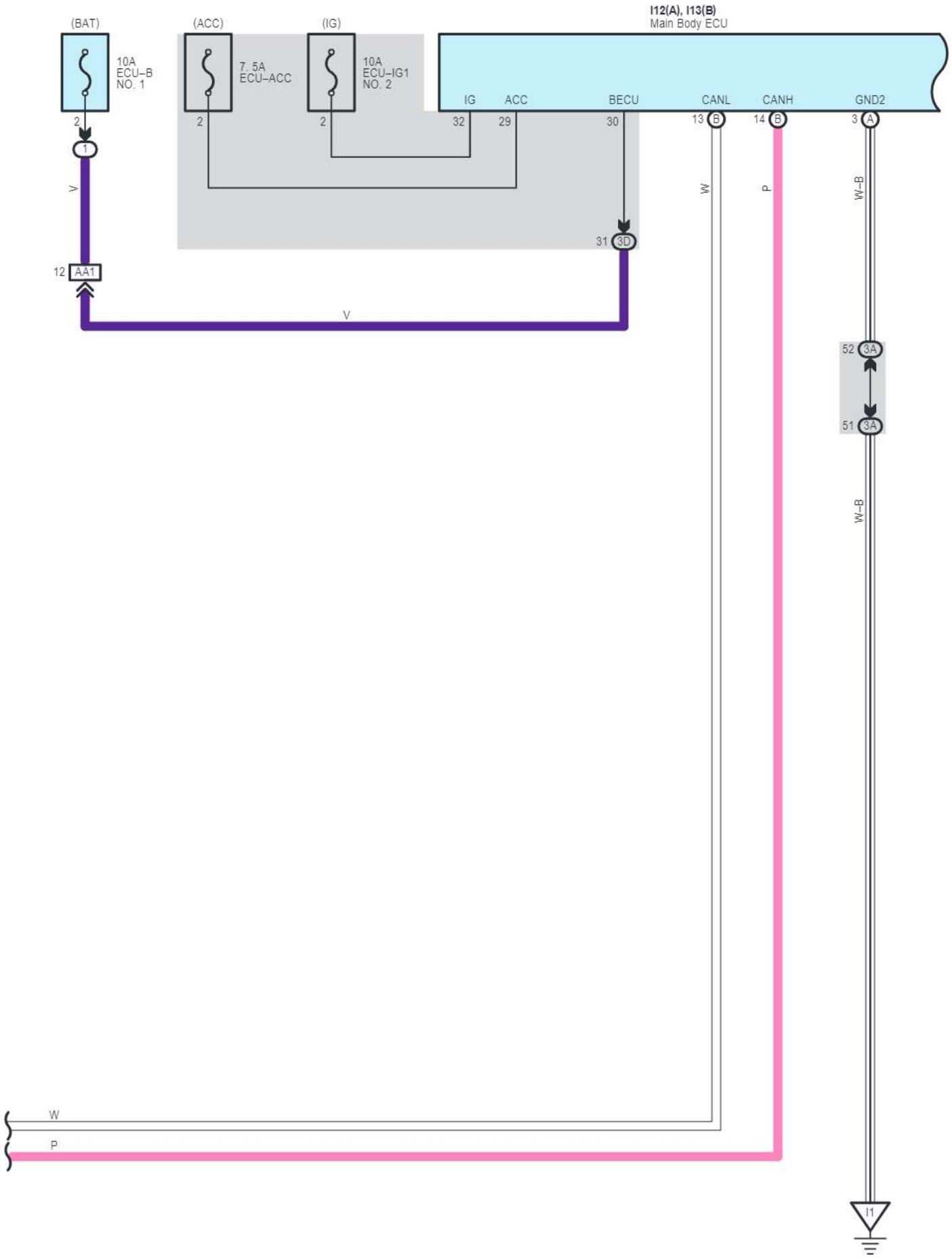

A38(A), A39(B), I3(C), I4(D)
Power Management Control ECU
MJ
PSFT
P
N
CA1H
CA1L
15 B
9 A
14 B
11 B
25 D
24 D
V
B
G
SB
G
W
5 EA3
1 EA2
6 EA3
8 EA3
I93(A), I94(B), I95(C), I109(H)
Junction Connector
1 H
2 H
1 A
2 A
1 C
2 C
1 B
2 B
W
P
G
R
B
W
P
W
R
W
5
8
3
2
MJ
+B
P
N
P
N
E11
Shift Lever Position Sensor
I101(B), I106(G)
Junction Connector
1 B
2 B
1 G
2 G
L
W
W
R
L
W
W
P

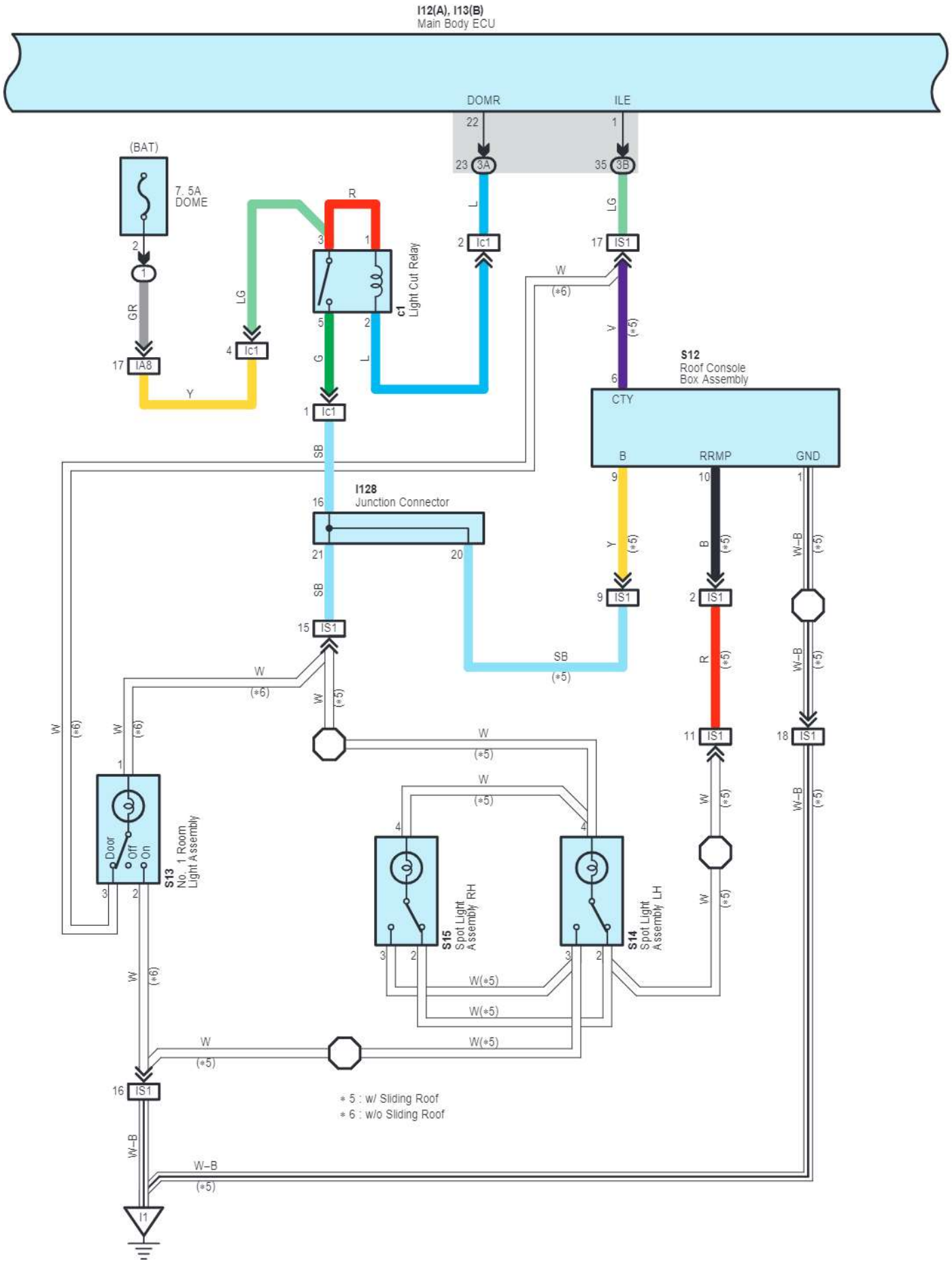


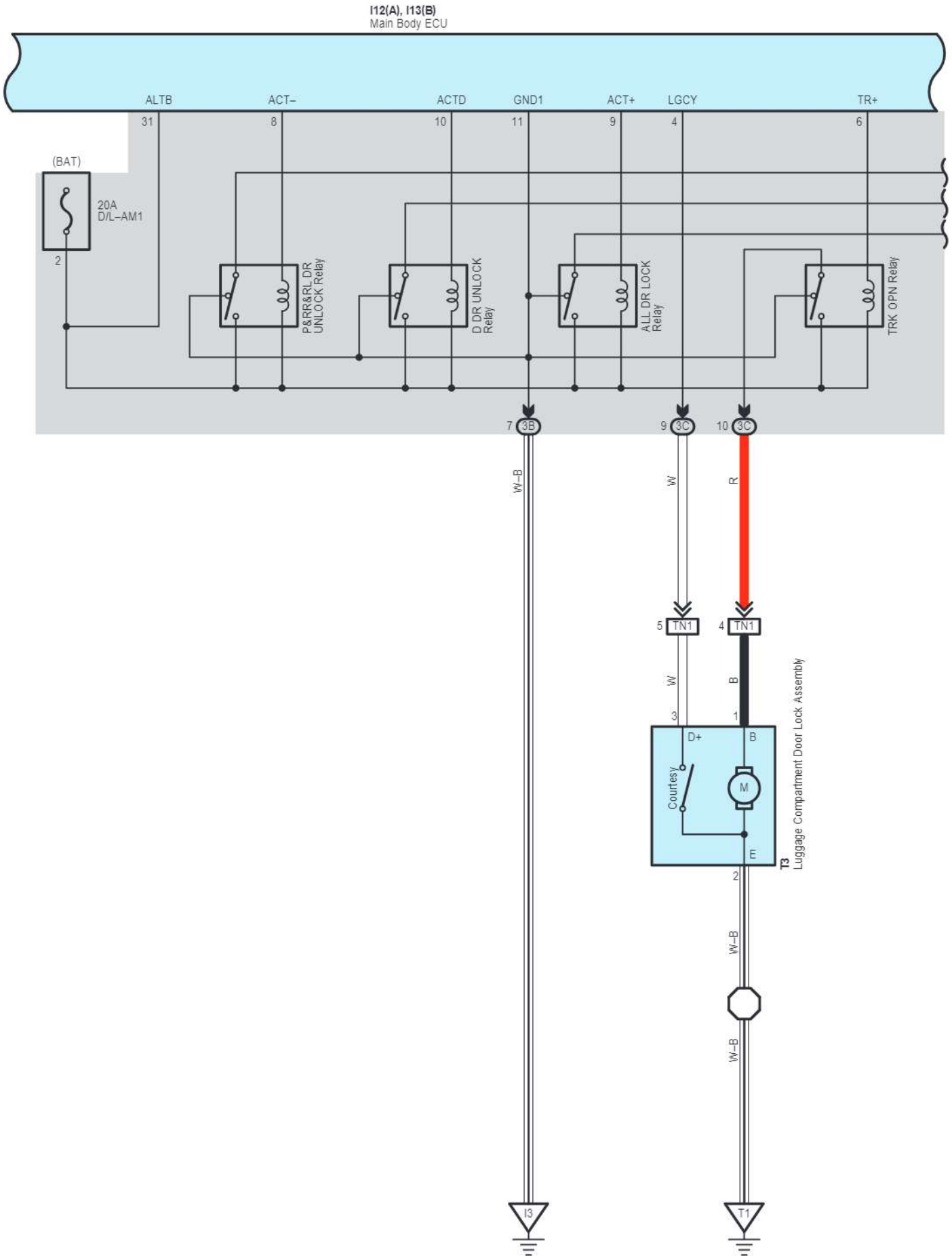
* 9 : w/ Dynamic Radar Cruise Control
*10 : w/o Dynamic Radar Cruise Control

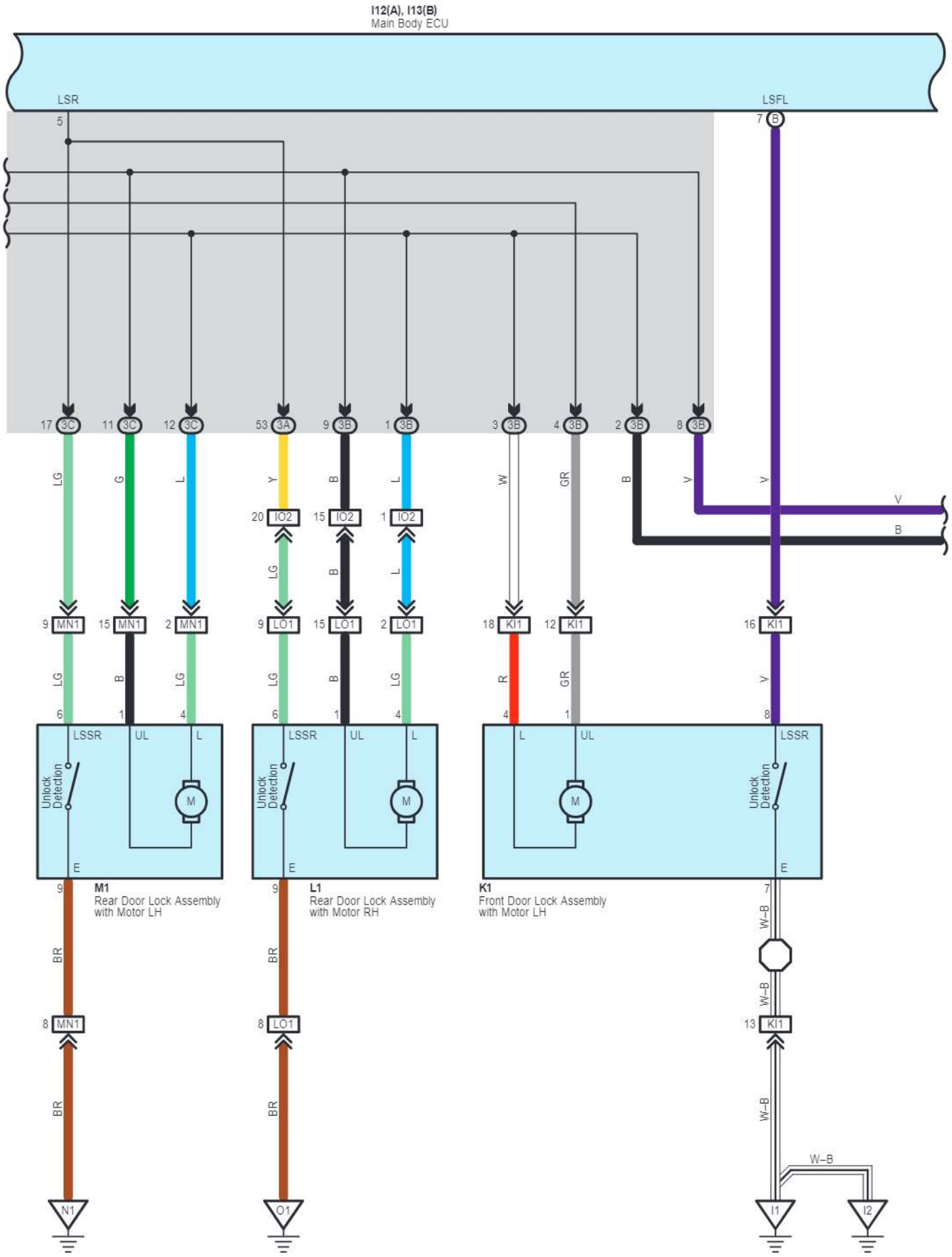


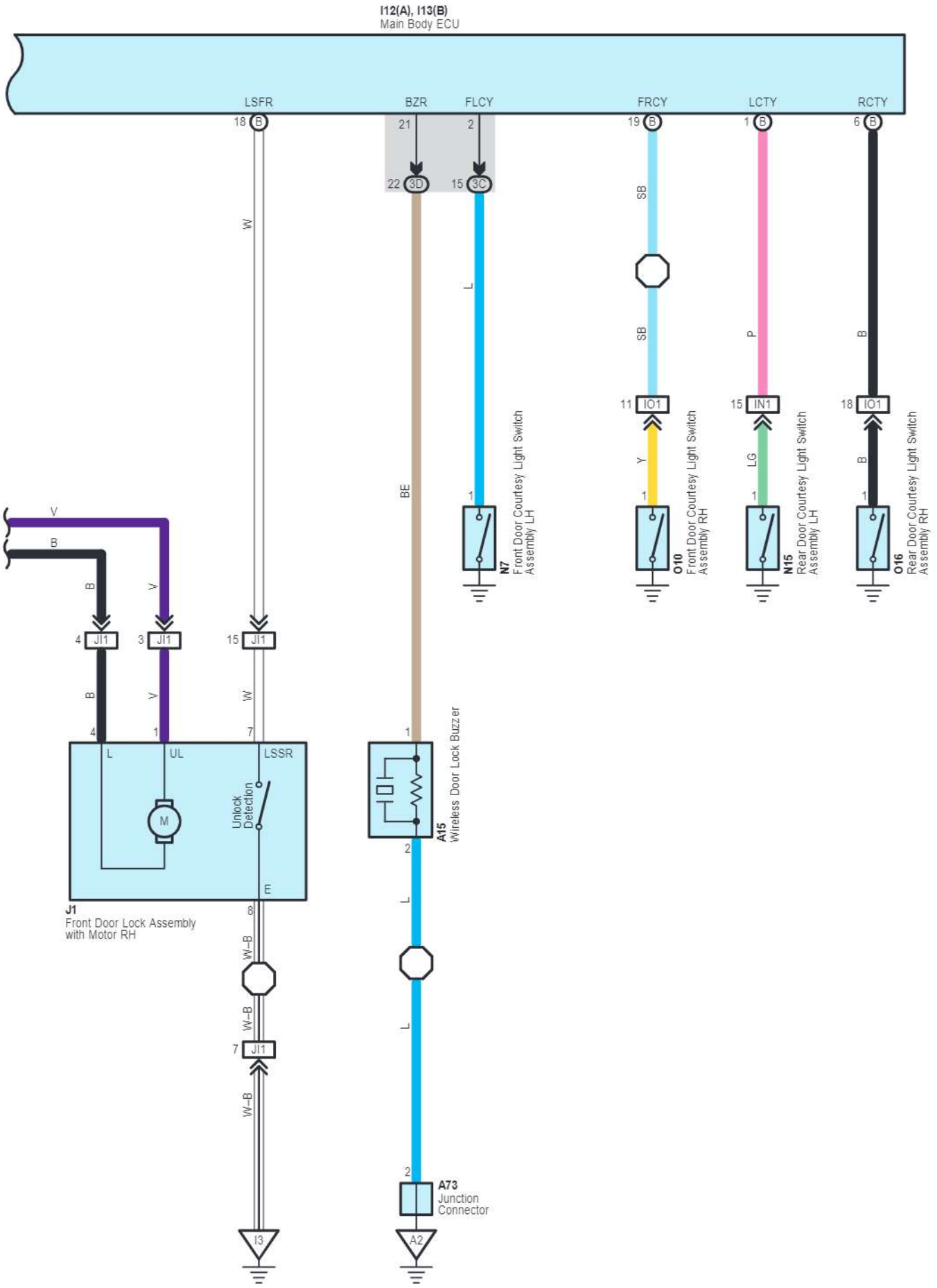

(BAT)
10A
ECU–B
NO. 1
(IG)
5A
METER–IG2
(BAT)
15A
TURN&HAZ
I125
Junction
Connector
I17(A), I18(B)
Combination Meter Assembly
Buzzer
I/F
Telltales
5V IC
Flasher
Circuit
CPU
LED
Driver
CAN I/F
Display
Driver
IG+
CANL
CANH
ES
LR
LL
Front Turn Signal
Light Assemblies
Outer Rear View
Mirror Assemblies
Rear Combination
Light Assemblies


(BAT)
(ACC)
(IG)
I12(A), I13(B)
Main Body ECU
10A
ECU-B
NO. 1
7. 5A
ECU-ACC
10A
ECU-IG1
NO. 2
IG
ACC
BECU
CANL
CANH
GND2
2
1
V
12
AA1
2
2
32
29
30
31
3D
V
13
B
W
14
B
P
3
A
W-B
52
3A
51
3A
W-B
W
P
I1


I12(A), I13(B)
Main Body ECU
DOMR
ILE
22
1
23 3A
35 3B
(BAT)
7. 5A
DOME
2
1
GR
17 IA8
Y
LG
4 Ic1
R
3
1
5
2
C1
Light Cut Relay
G
L
2 Ic1
1 Ic1
L
LG
17 IS1
W
(*6)
V
(*5)
S12
Roof Console
Box Assembly
6
CTY
B
RRMP
GND
9
10
1
SB
16
I128
Junction Connector
21
20
Y
(*5)
B
(*5)
W-B
(*5)
9 IS1
2 IS1
SB
(*5)
R
(*5)
W-B
(*5)
15 IS1
W
(*6)
W
(*5)
11 IS1
18 IS1
W
(*6)
W
(*6)
W
(*5)
W
(*5)
W
(*5)
1
Door
Off
On
3
2
S13
No. 1 Room
Light Assembly
4
4
S15
Spot Light
Assembly RH
S14
Spot Light
Assembly LH
3
2
3
2
W(*5)
W(*5)
W
(*6)
W
(*5)
W(*5)
16 IS1
W-B
W-B
(*5)
I1
* 5 : w/ Sliding Roof
* 6 : w/o Sliding Roof


I12(A), I13(B)
Main Body ECU
ALTB
ACT–
ACTD
GND1
ACT+
LGCY
TR+
31
8
10
11
9
4
6
(BAT)
20A
D/L–AM1
2
P&RR&RL DR UNLOCK Relay
D DR UNLOCK Relay
ALL DR LOCK Relay
TRK OPN Relay
7 3B
9 3C
10 3C
W–B
W
R
5 TN1
4 TN1
W
B
3
1
D+
B
Courtesy
M
E
T3
Luggage Compartment Door Lock Assembly
2
W–B
W–B
I3
T1

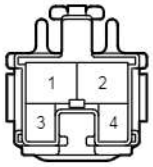

I12(A), I13(B)
Main Body ECU
LSR
LSFL
5
7 B
17 3C
11 3C
12 3C
53 3A
9 3B
1 3B
3 3B
4 3B
2 3B
8 3B
LG
G
L
Y
B
L
W
GR
B
V
V
V
B
20 IO2
15 IO2
1 IO2
LG
B
L
9 MN1
15 MN1
2 MN1
9 LO1
15 LO1
2 LO1
18 KI1
12 KI1
16 KI1
LG
B
LG
LG
B
LG
R
GR
V
6
1
4
6
1
4
4
1
8
LSSR
UL
L
L
UL
LSSR
Unlock Detection
M
E
9
M1
Rear Door Lock Assembly with Motor LH
L1
Rear Door Lock Assembly with Motor RH
K1
Front Door Lock Assembly with Motor LH
7
W-B
W-B
13 KI1
W-B
W-B
BR
BR
8 MN1
8 LO1
BR
BR
N1
O1
I1
I2


I12(A), I13(B)
Main Body ECU
LSFR
BZR
FLCY
FRCY
LCTY
RCTY
18 B
21
2
19 B
1 B
6 B
22 3D
15 3C
W
BE
L
SB
SB
P
B
11 IO1
15 IN1
18 IO1
Y
LG
B
1
N7
Front Door Courtesy Light Switch Assembly LH
O10
Front Door Courtesy Light Switch Assembly RH
N15
Rear Door Courtesy Light Switch Assembly LH
O16
Rear Door Courtesy Light Switch Assembly RH
V
B
4 JI1
3 JI1
15 JI1
4
1
7
L
UL
LSSR
M
Unlock Detection
E
J1
Front Door Lock Assembly with Motor RH
A15
Wireless Door Lock Buzzer
2
8
W-B
7 JI1
I3
A73
Junction Connector
A2

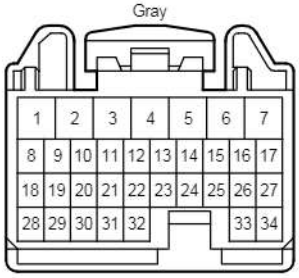
A 15
Gray



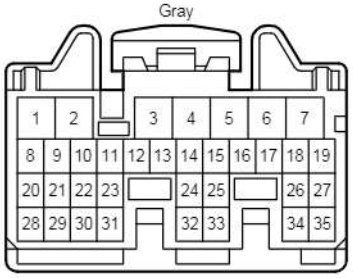
A 33
White



A 38
Gray



A 39
Gray



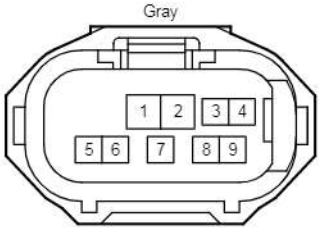
A 71
Gray



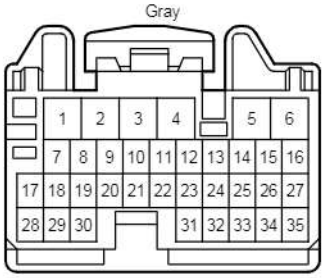
A 73
Gray



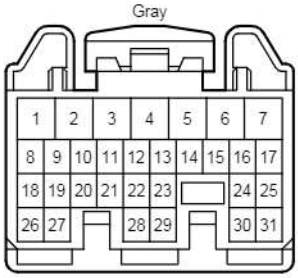
E 11
Gray



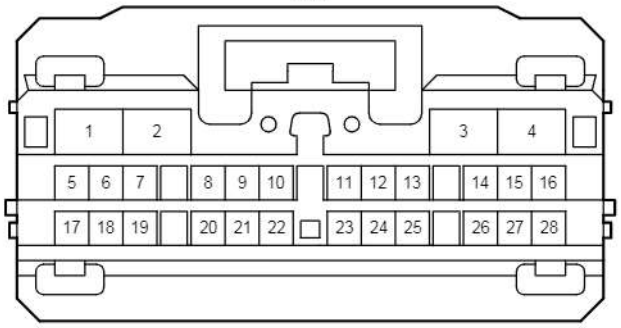
I 3
Gray



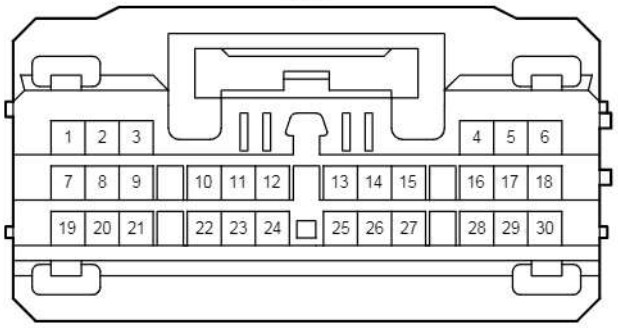
I 4
Gray



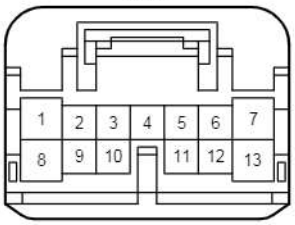
I 12
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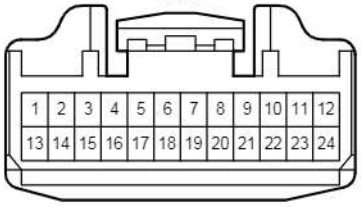
I 13
White



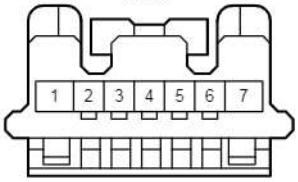
I 17
Black



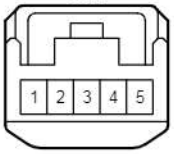
I 18
Black



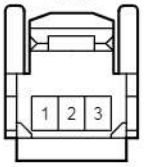
I 24
Black



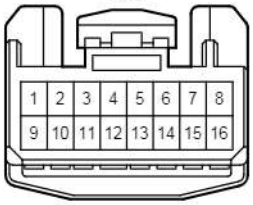
I 42
White



I 46
White



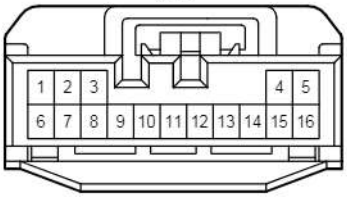
I 56
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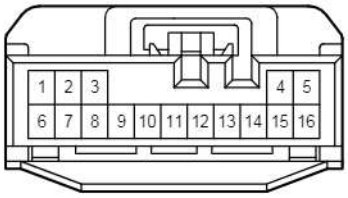
I 58
Black



I 86
White



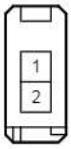
I 87
White



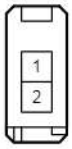
I 92
Gray



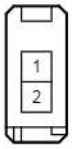
I 93
White



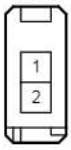
I 94
White



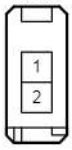
I 95
White



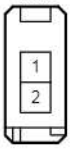
I101
White



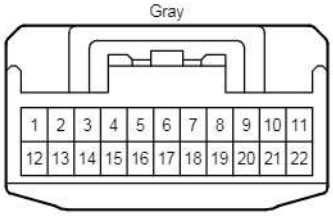
I106
White



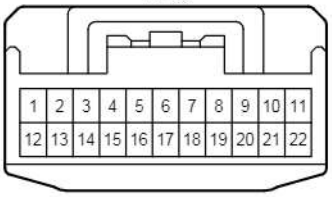
I109
White



I125
Gray



I128
White



J 1
White



K 1
White



L 1
White



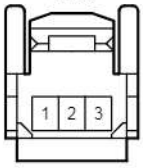
M 1
White



N 7
Black



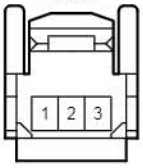
N 10
White



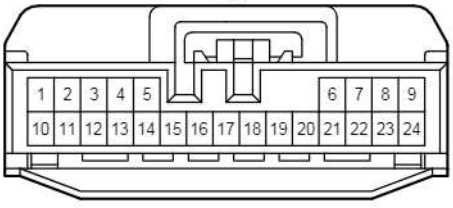
N 15
Black



N 36
Black



O 2
White



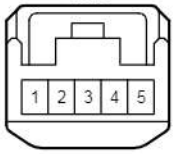
O 10
Black



O 16
Black



O 25
White



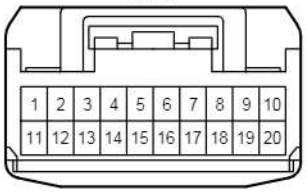
O 33
White



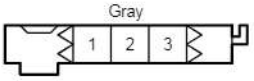
O 38
White



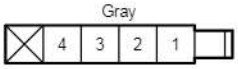
S 12
Black



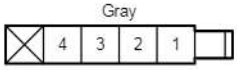
S 13
Gray



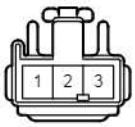
S 14
Gray



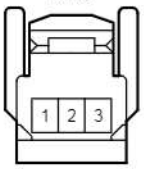
S 15
Gray



T 3
Black



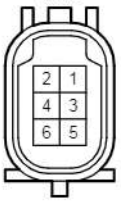
T 4
White



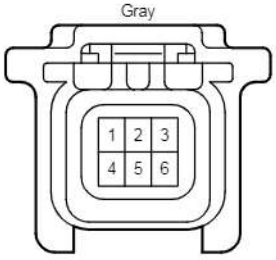
T 11
White



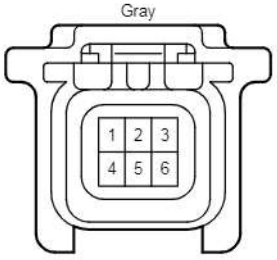
T 14
White



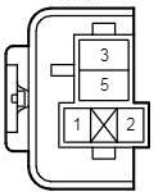
V 1
Gray



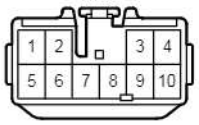
W 1
Gray



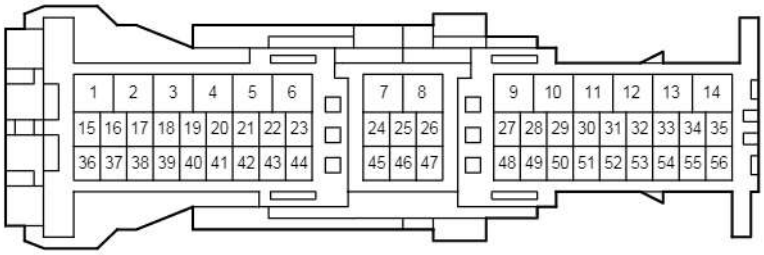
c 1
White



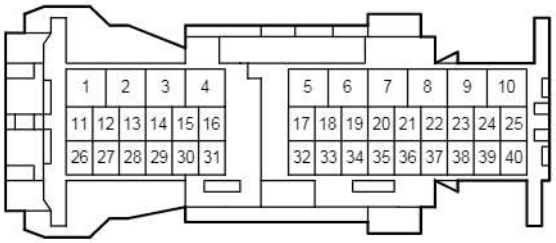
1C
White



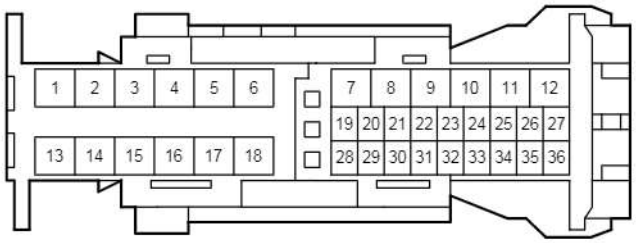
3A
White



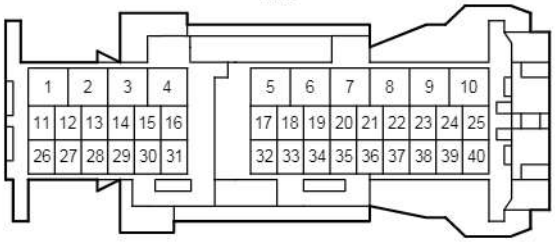
3B
White



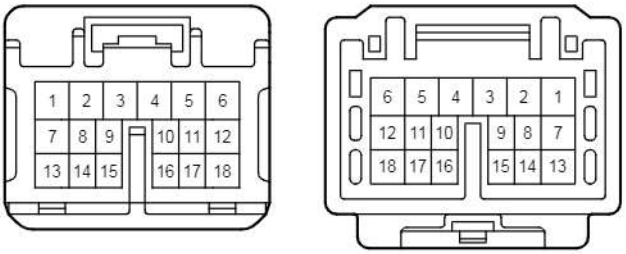
3C
White



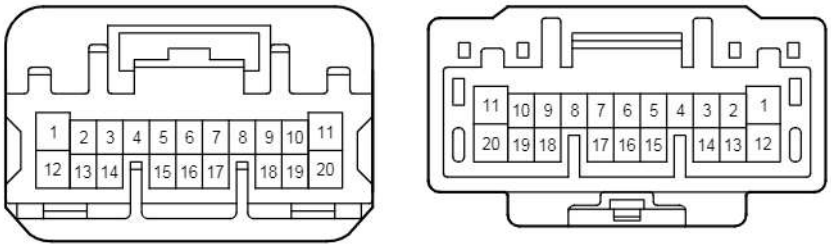
3D
White



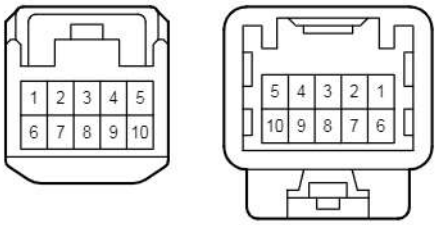
AA1
Blue



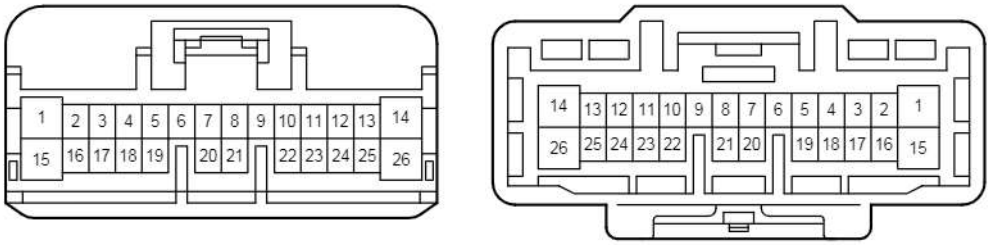
EA2
White



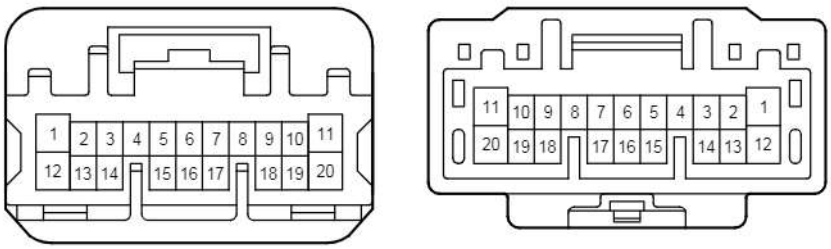
EA3
White



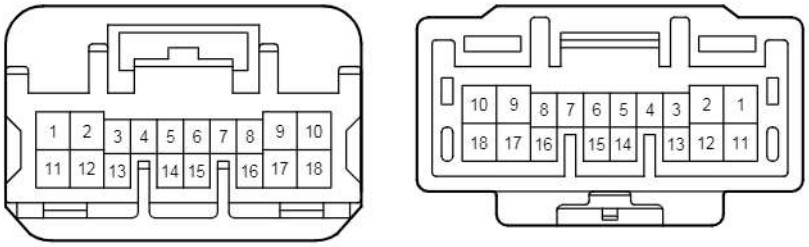
IA3
Blue



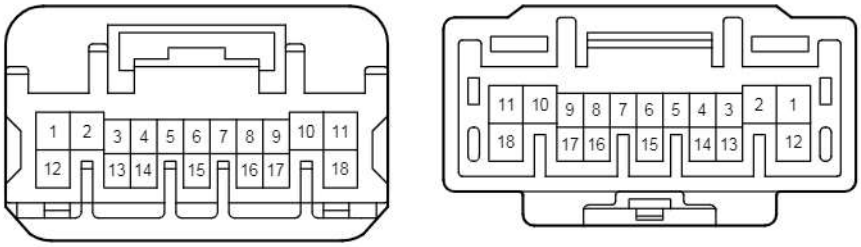
IA4
Gray



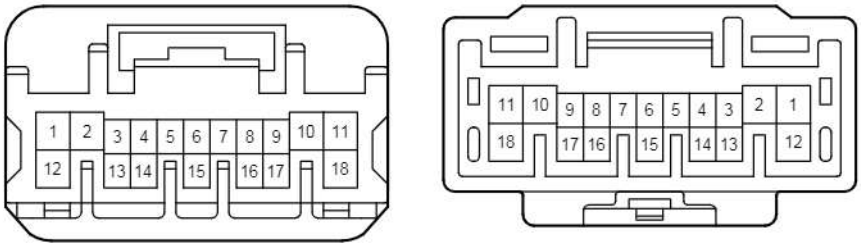
IA8
Gray



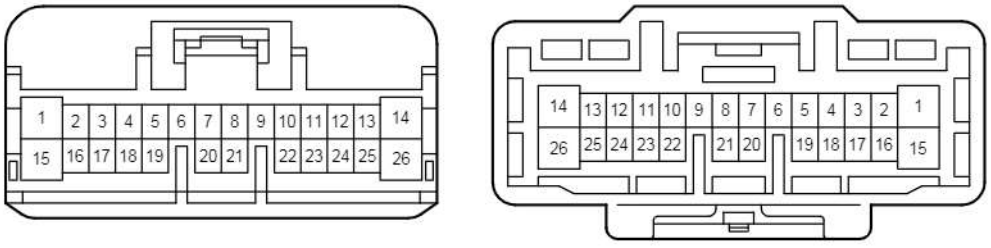
IN1
White



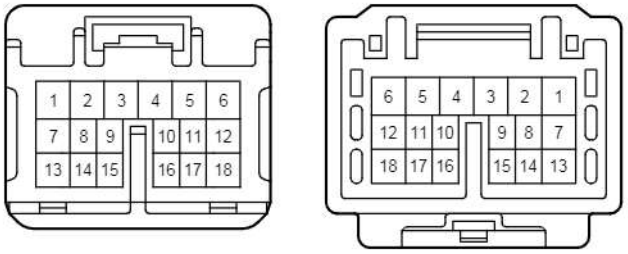
IO1
White



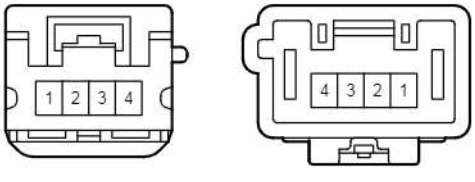
IO2
White



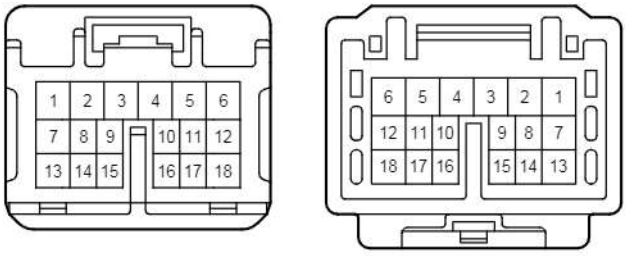
IS1
White



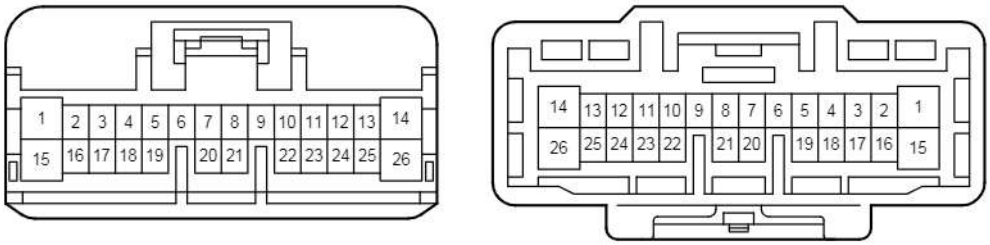
Ic1
White



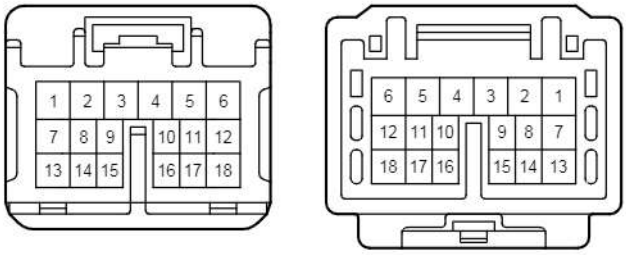
JI1
Gray



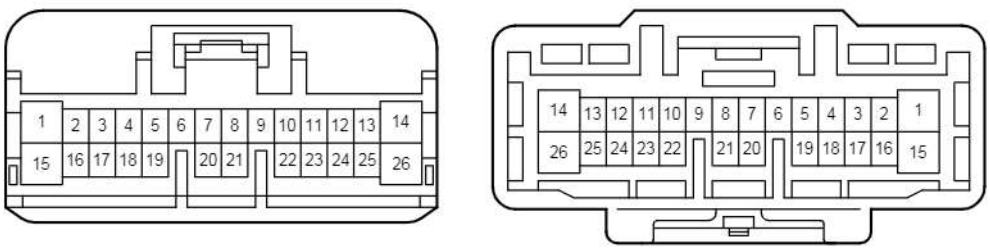
JI2
Blue



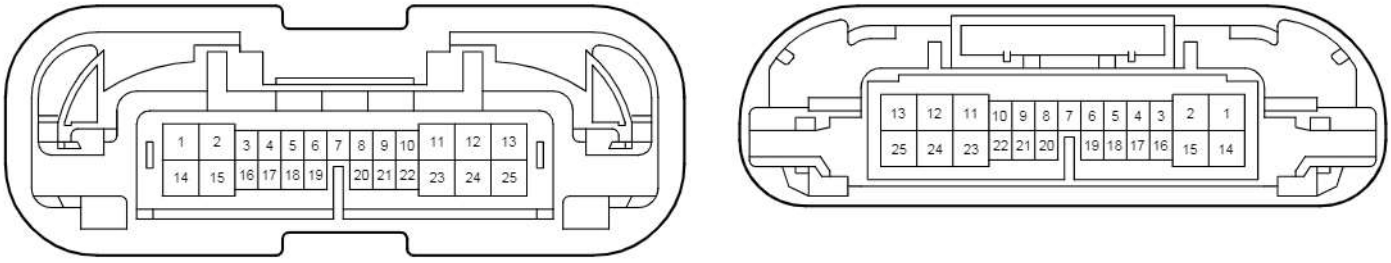
KI1
White



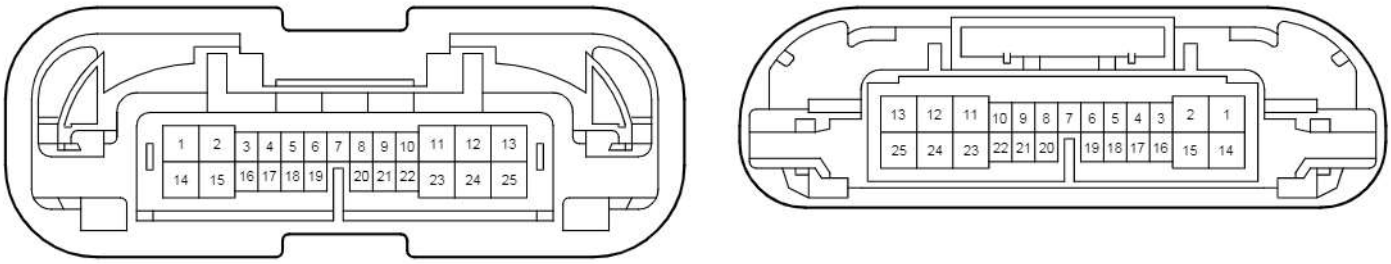
KI2
White



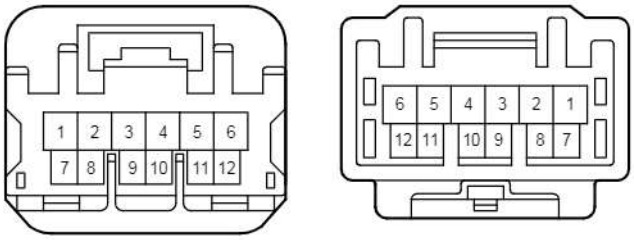
LO1
White



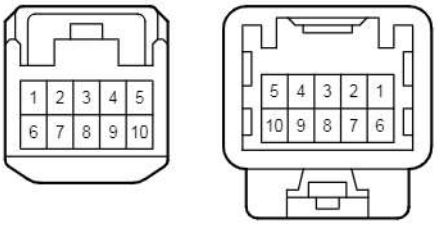
MN1
White



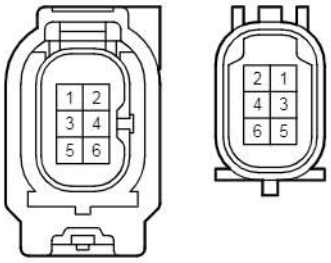
TN1
White



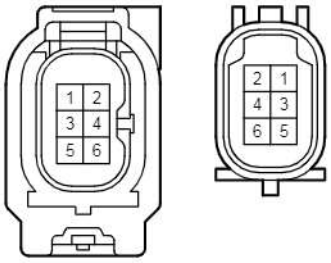
TO1
White



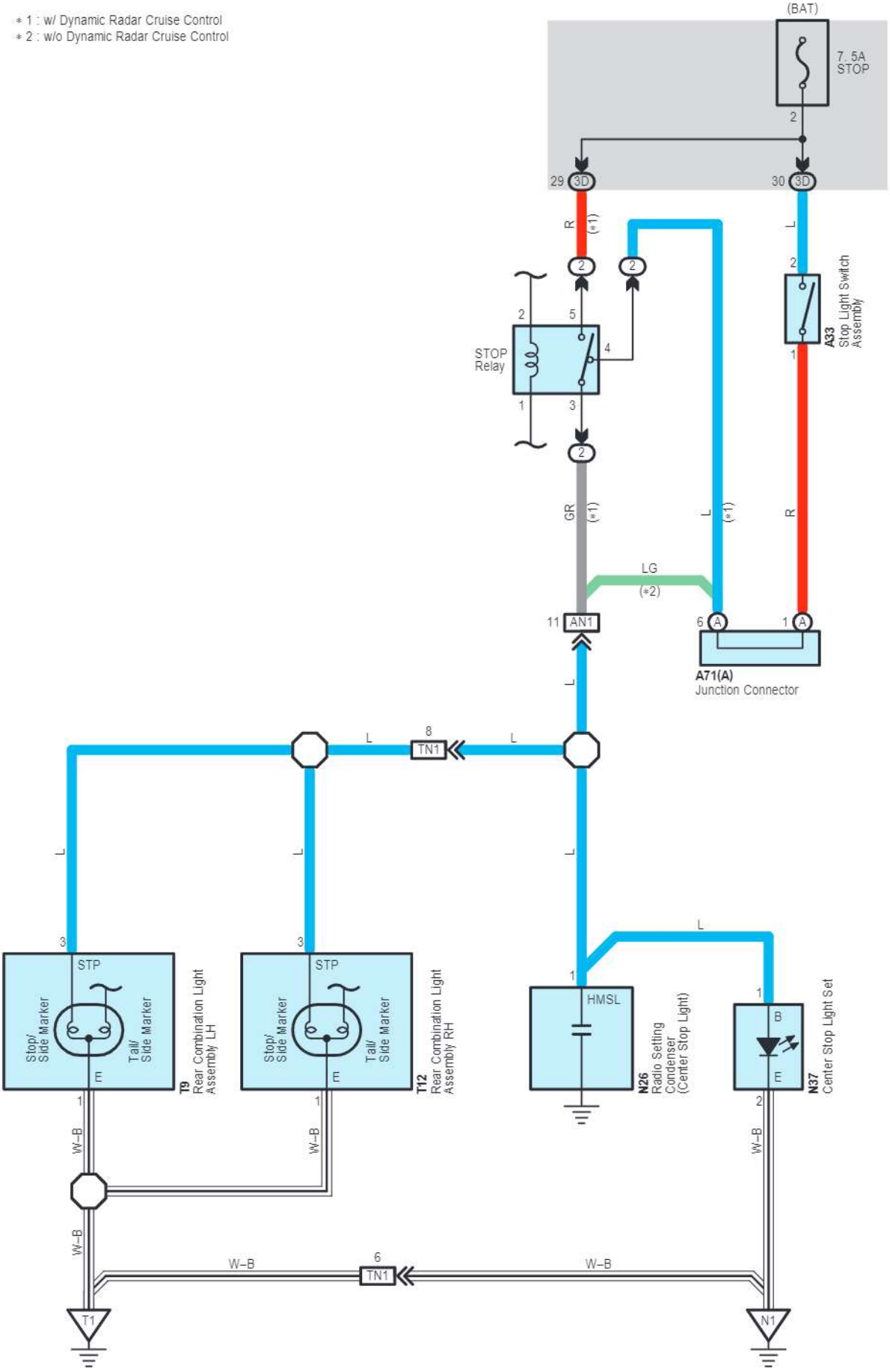
VJ1
White



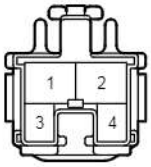
WK1
White



＊1 : w/ Dynamic Radar Cruise Control
＊2 : w/o Dynamic Radar Cruise Control



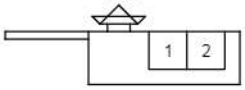
A 33
White



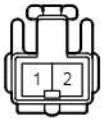
A 71
Gray



N 26
Black



N 37
White



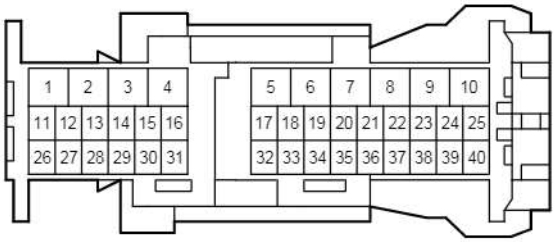
T 9
Black



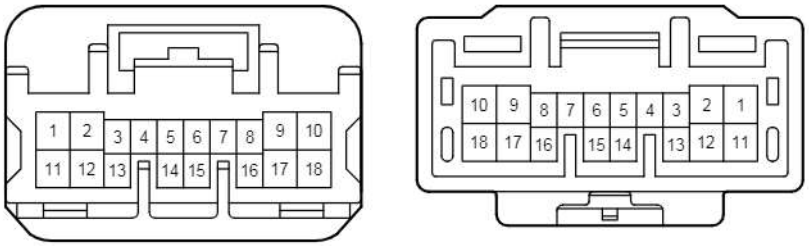
T 12
Black



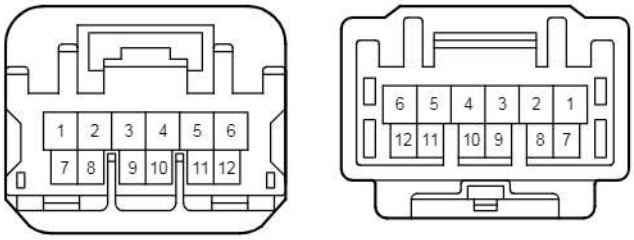
3D
White

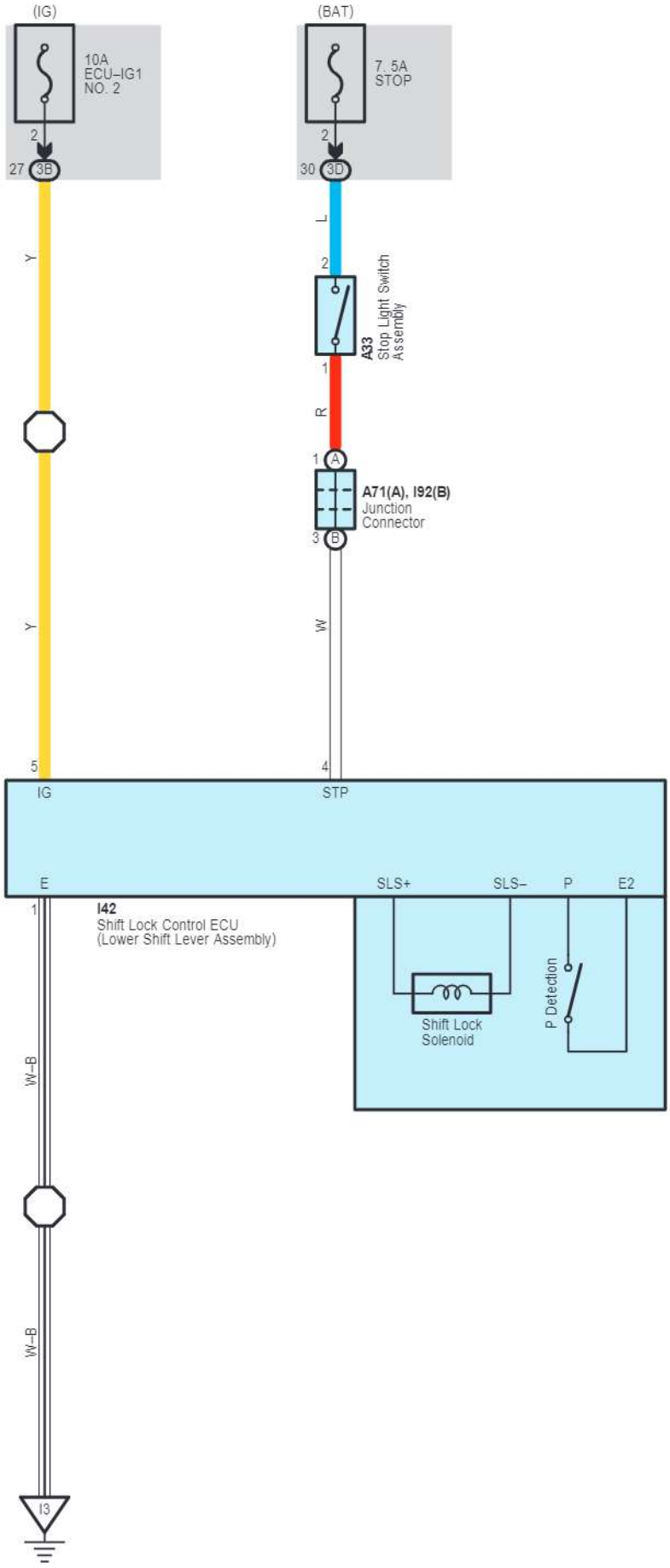


AN1
White

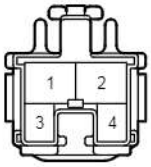


TN1
White




(IG)
10A
ECU–IG1
NO. 2
2
27 3B
Y
Y
5
IG
(BAT)
7. 5A
STOP
2
30 3D
L
2
A33
Stop Light Switch
Assembly
1
R
1 A
A71(A), I92(B)
Junction
Connector
3 B
W
4
STP
E
SLS+
SLS–
P
E2
1
I42
Shift Lock Control ECU
(Lower Shift Lever Assembly)
Shift Lock
Solenoid
P Detection
W–B
W–B
I3

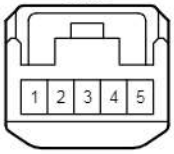
A 33
White



A 71
Gray



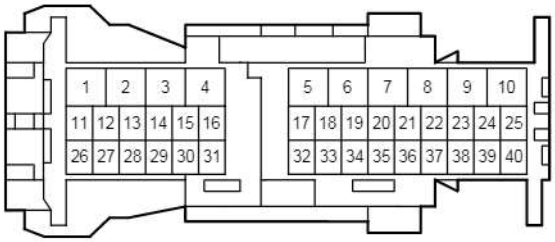
I 42
White



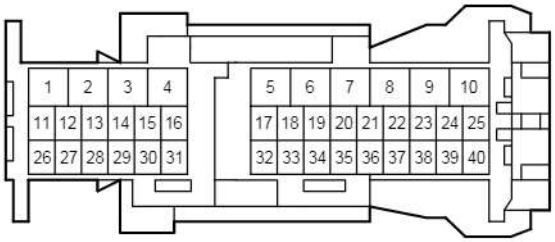
I 92
Gray

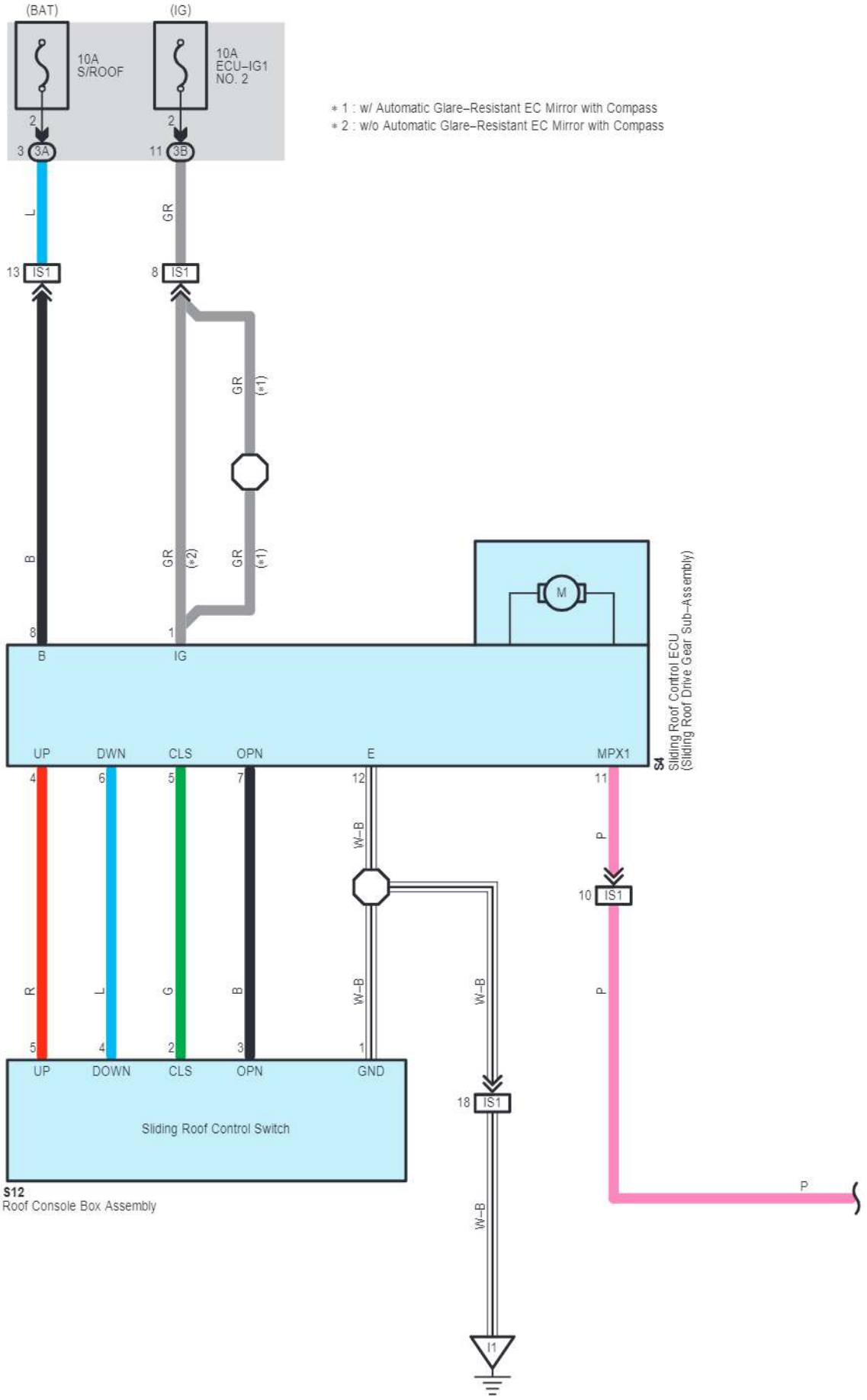


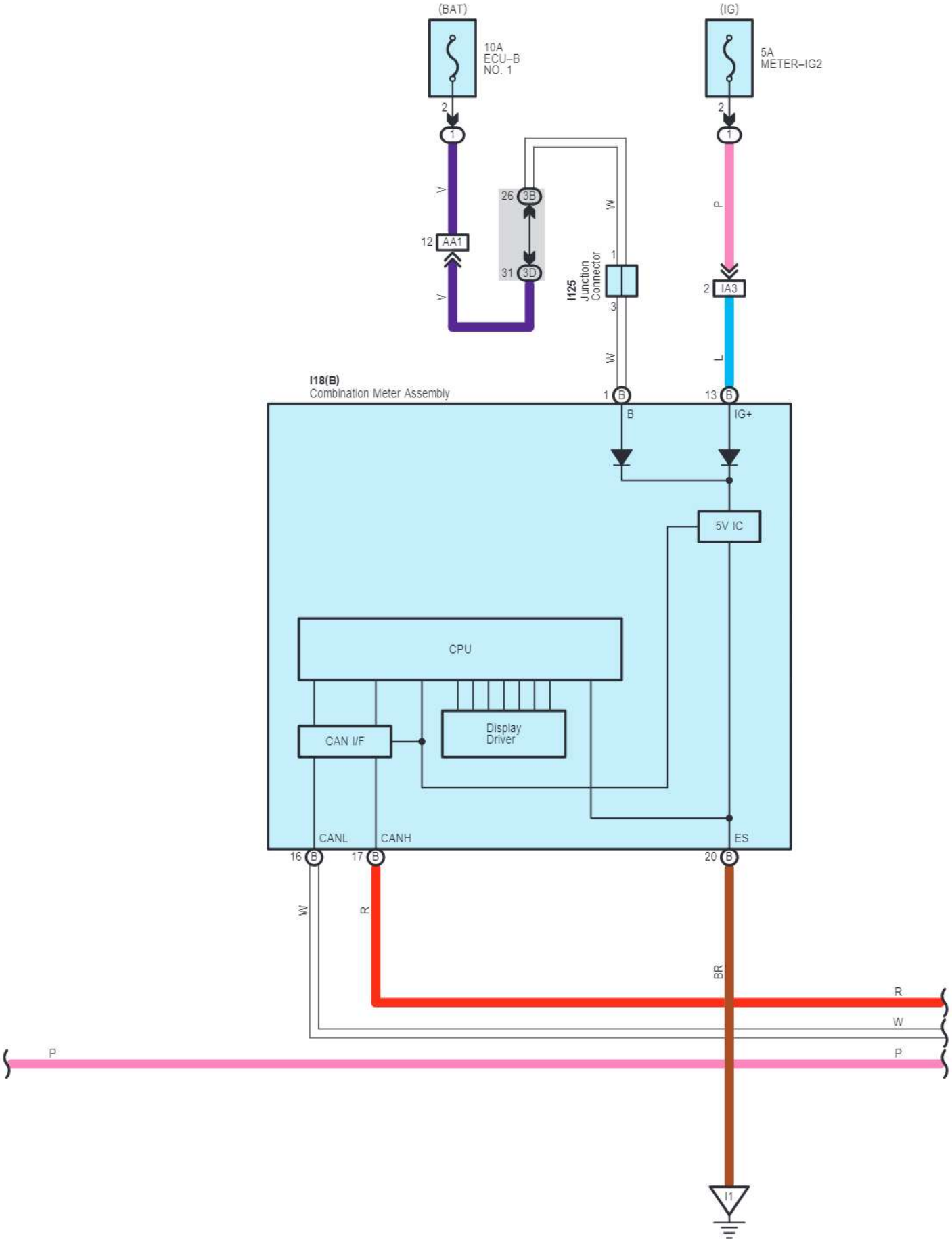
3B
White

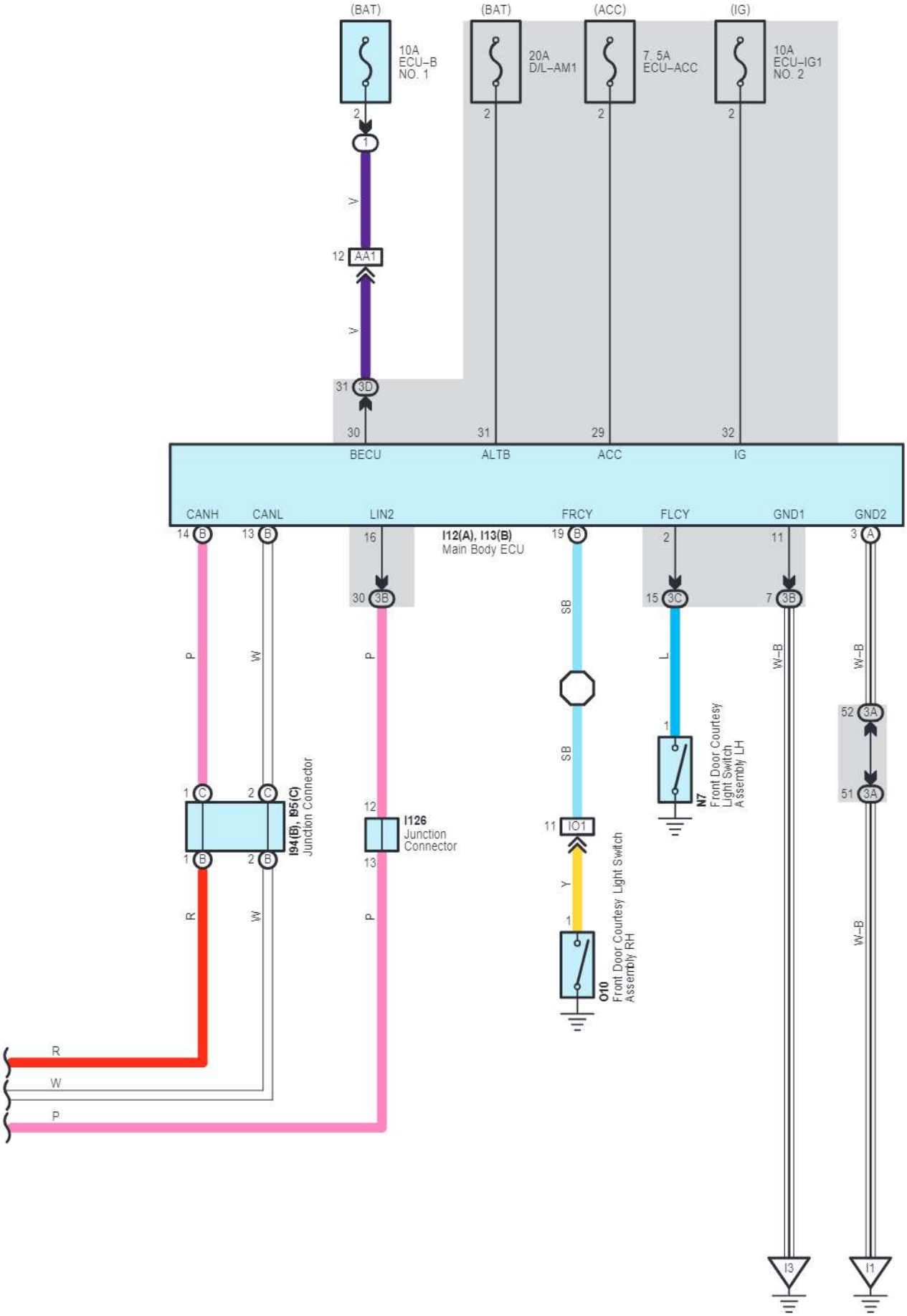


3D
White

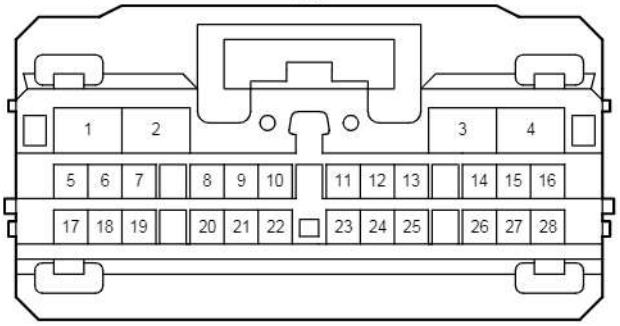



(BAT)
(IG)
10A
S/ROOF
10A
ECU–IG1
NO. 2
* 1 : w/ Automatic Glare–Resistant EC Mirror with Compass
* 2 : w/o Automatic Glare–Resistant EC Mirror with Compass
2
3
3A
2
11
3B
L
GR
13
IS1
8
IS1
GR
(*1)
B
GR
(*2)
GR
(*1)
M
8
B
1
IG
S4
Sliding Roof Control ECU
(Sliding Roof Drive Gear Sub–Assembly)
UP
DWN
CLS
OPN
E
MPX1
4
6
5
7
12
11
W–B
P
10
IS1
R
L
G
B
W–B
W–B
P
5
4
2
3
1
UP
DOWN
CLS
OPN
GND
18
IS1
Sliding Roof Control Switch
P
W–B
I1
S12
Roof Console Box Assembly

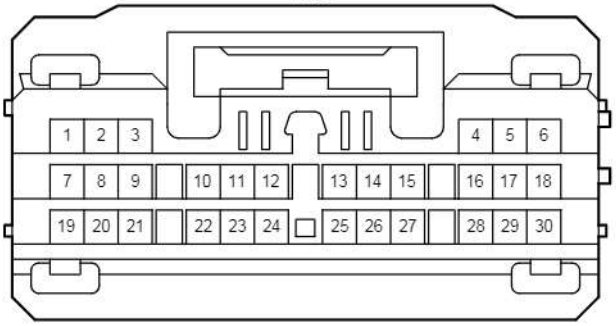

(BAT)
10A
ECU-B
NO. 1
(IG)
5A
METER-IG2
2
1
V
12 AA1
26 3B
31 3D
W
I125
Junction
Connector
1
3
W
P
2 IA3
L
I18(B)
Combination Meter Assembly
1 B
13 B
B
IG+
5V IC
CPU
CAN I/F
Display
Driver
CANL
CANH
ES
16 B
17 B
20 B
W
R
BR
R
W
P
P
I1


(BAT)
10A
ECU-B
NO. 1
(BAT)
20A
D/L-AM1
(ACC)
7. 5A
ECU-ACC
(IG)
10A
ECU-IG1
NO. 2
BECU
ALTB
ACC
IG
CANH
CANL
LIN2
FRCY
FLCY
GND1
GND2
I12(A), I13(B)
Main Body ECU
I94(B), I95(C)
Junction Connector
I126
Junction
Connector
O10
Front Door Courtesy Light Switch
Assembly RH
N7
Front Door Courtesy
Light Switch
Assembly LH
I3
I1

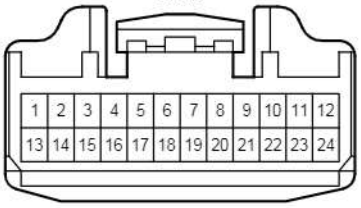
I 12
White



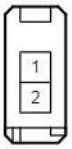
I 13
White



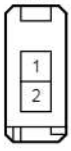
I 18
Black



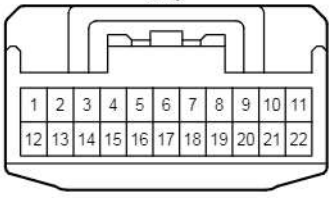
I 94
White



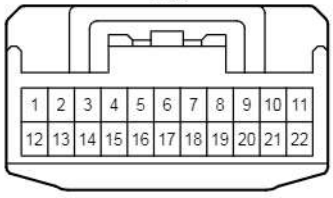
I 95
White



I125
Gray



I126
White



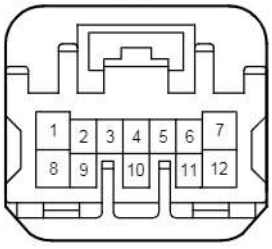
N 7
Black



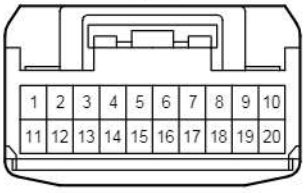
O 10
Black



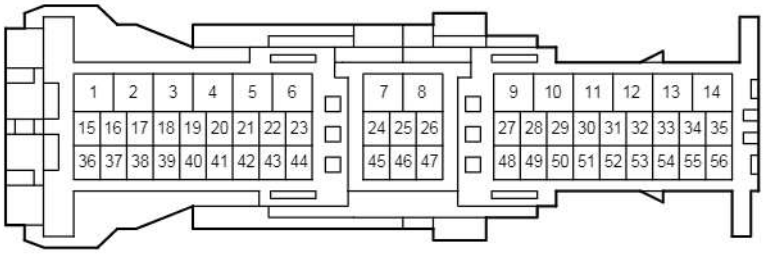
S 4
White



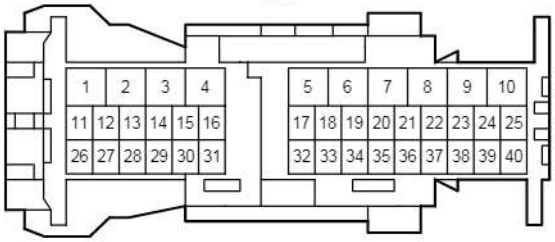
S 12
Black



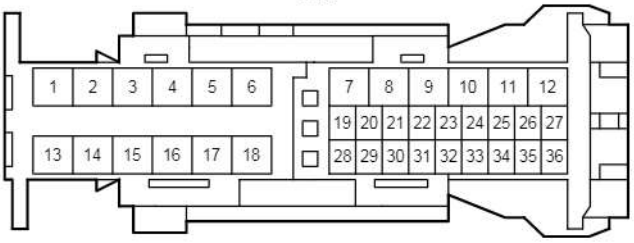
3A
White



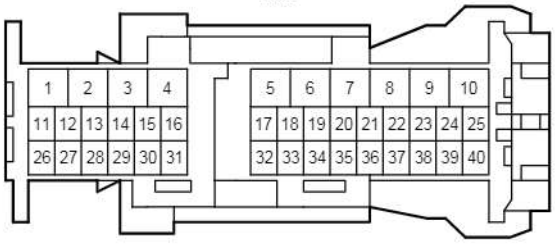
3B
White



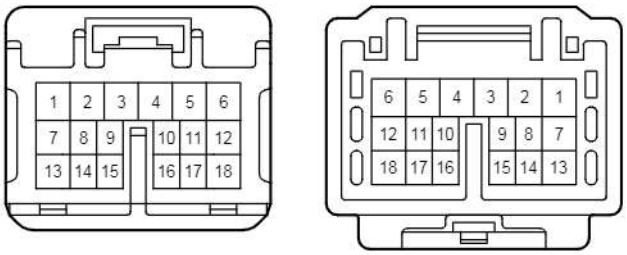
3C
White



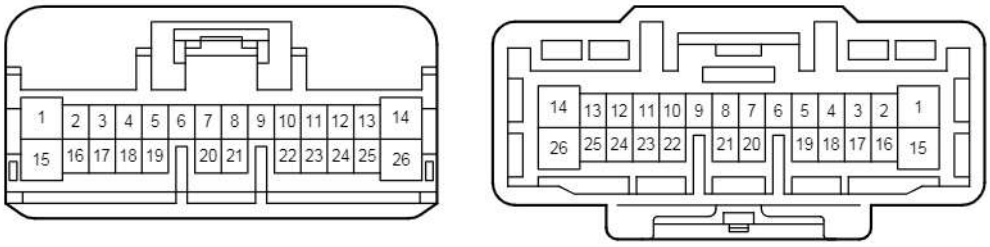
3D
White



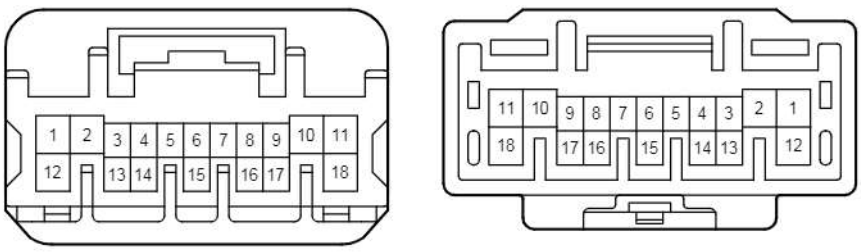
AA1
Blue



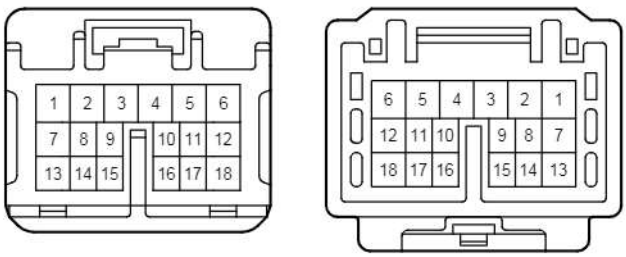
IA3
Blue

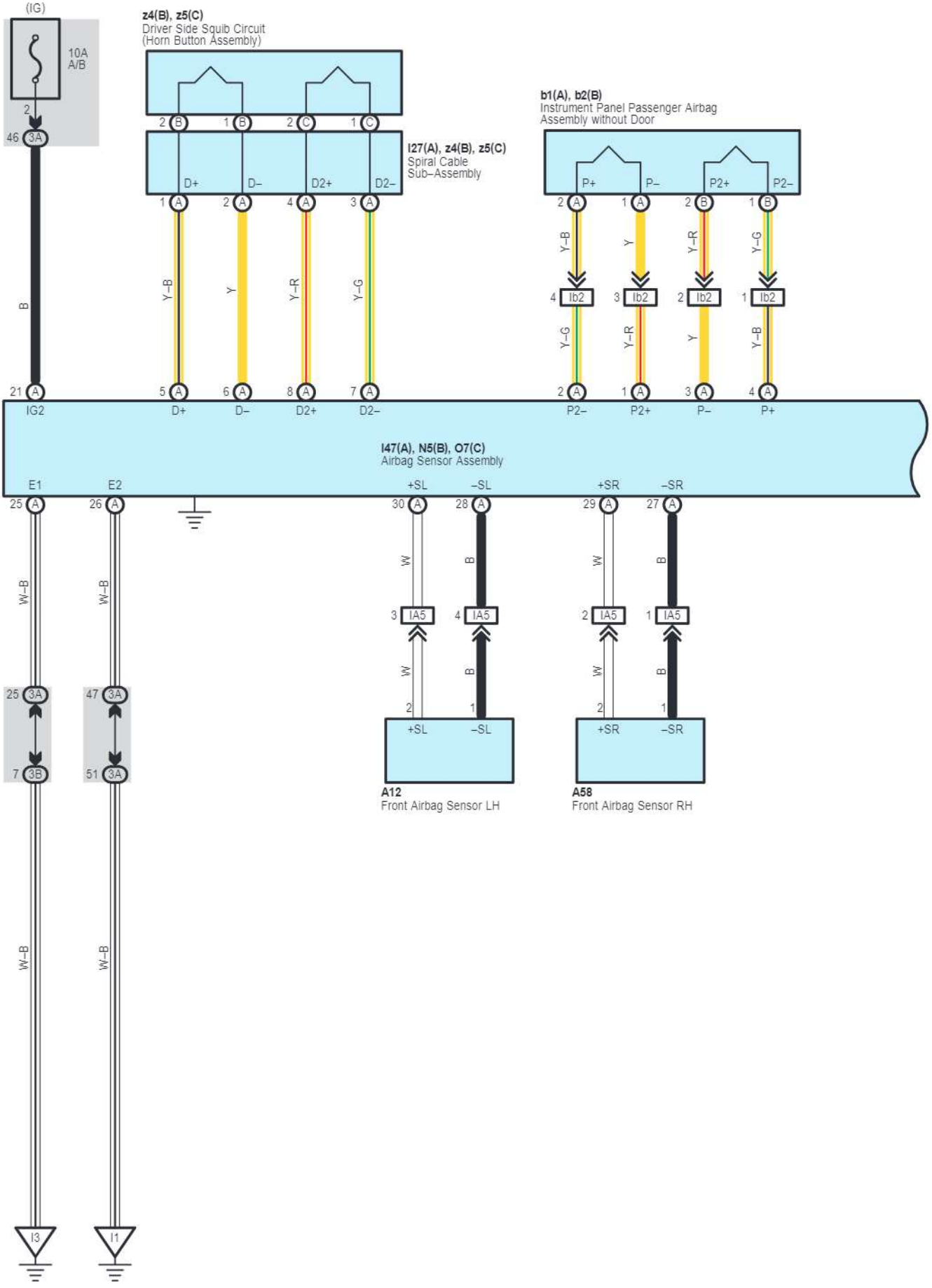


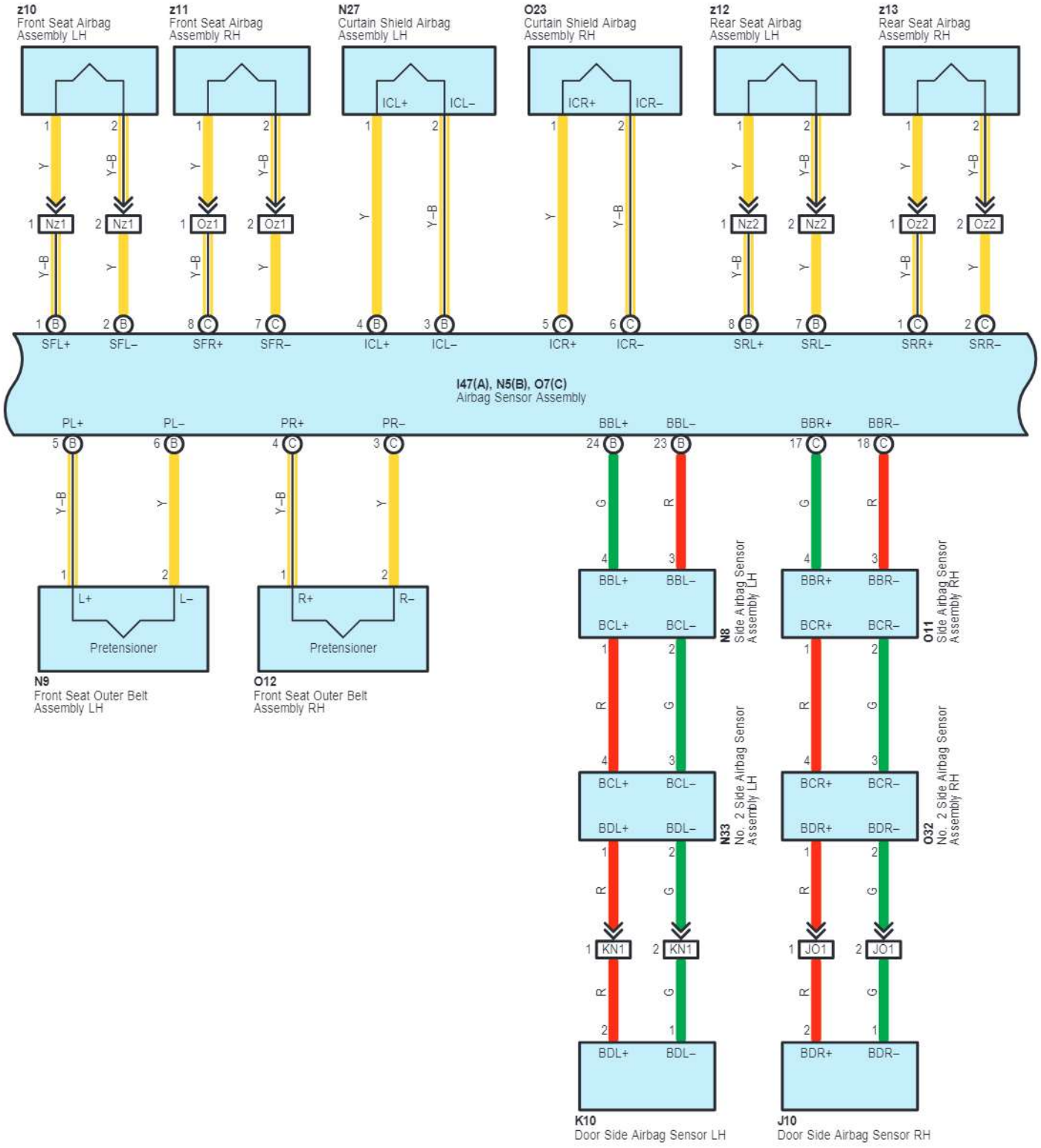
IO1
White

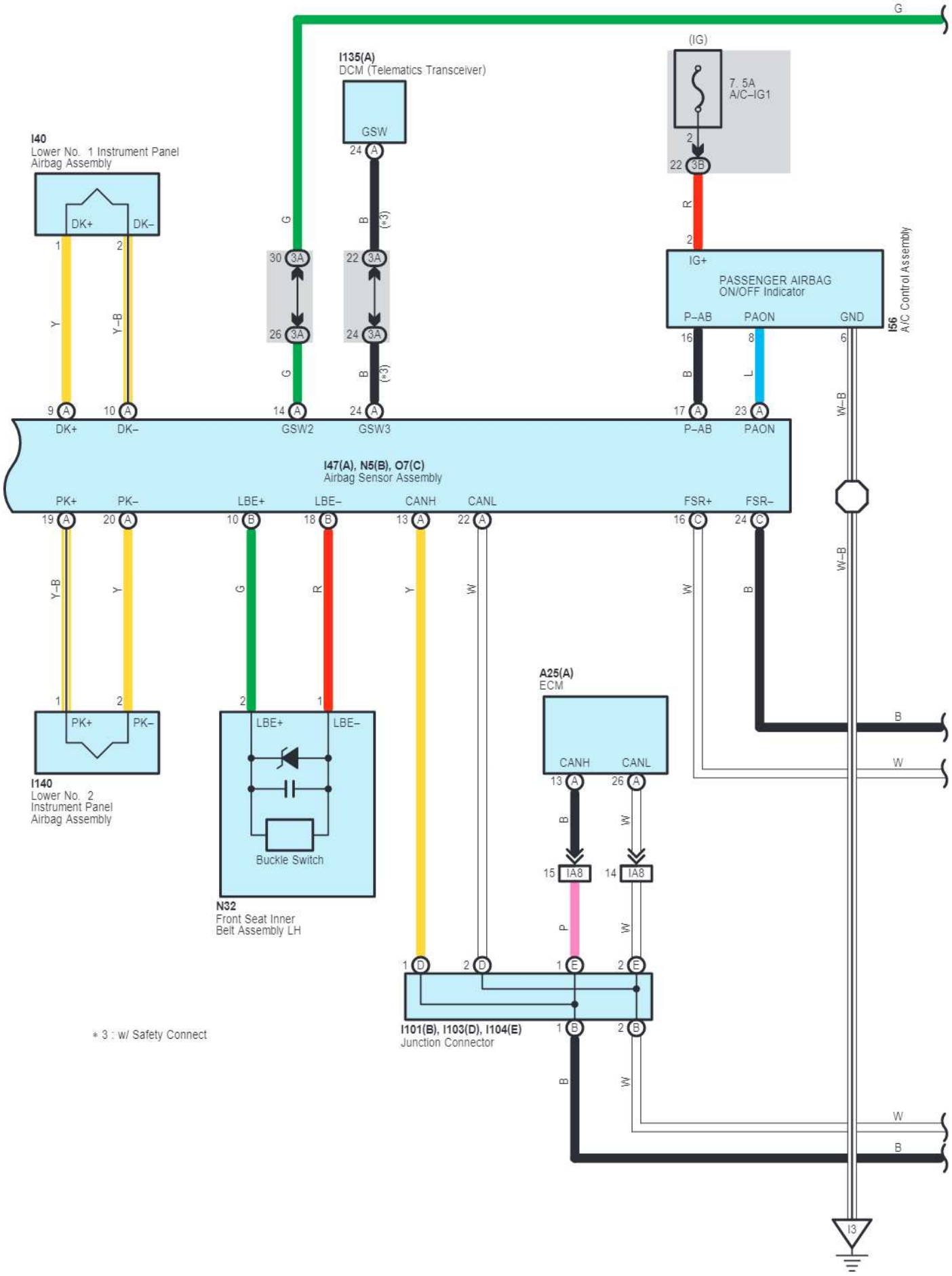


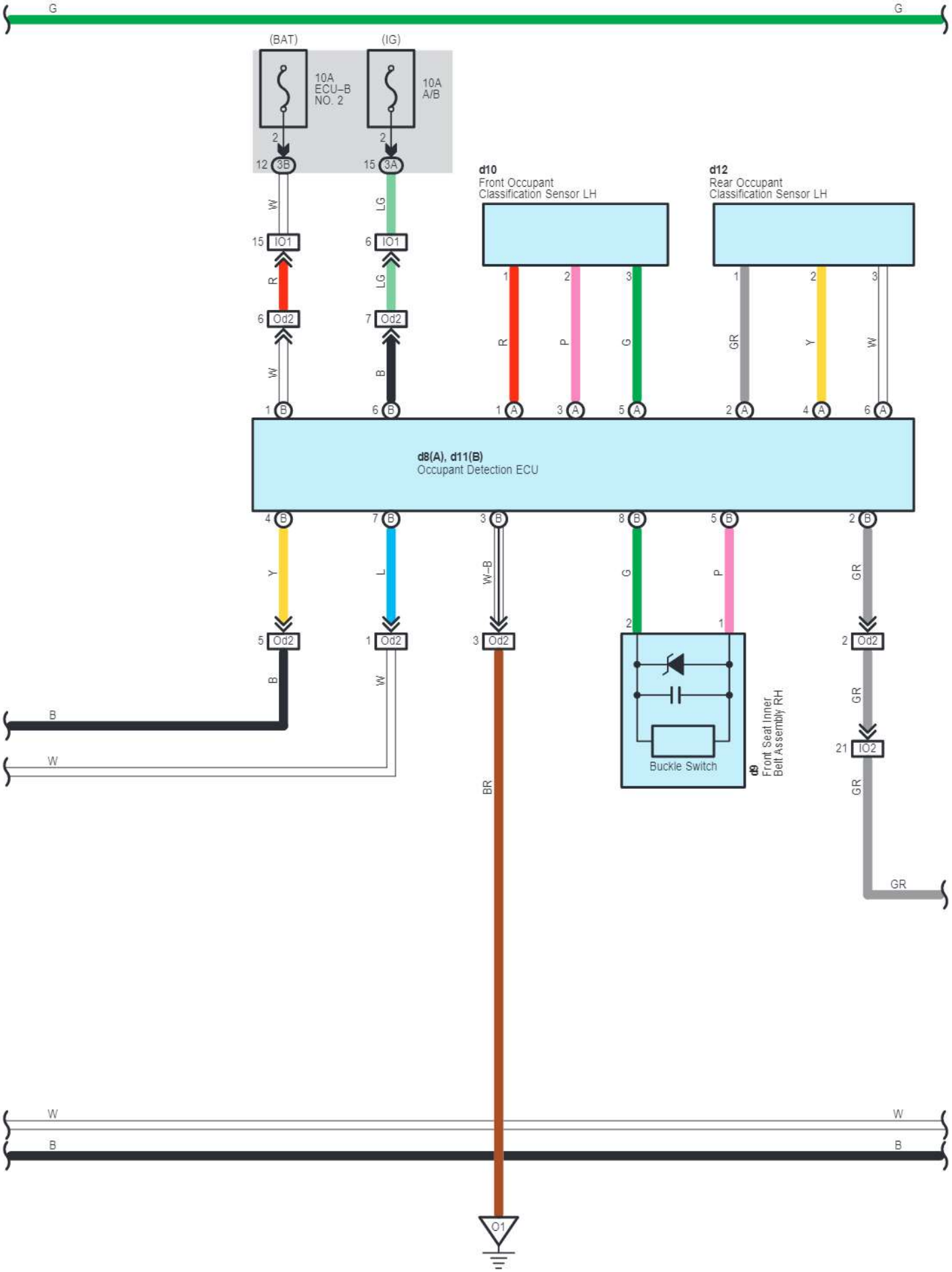
IS1
White

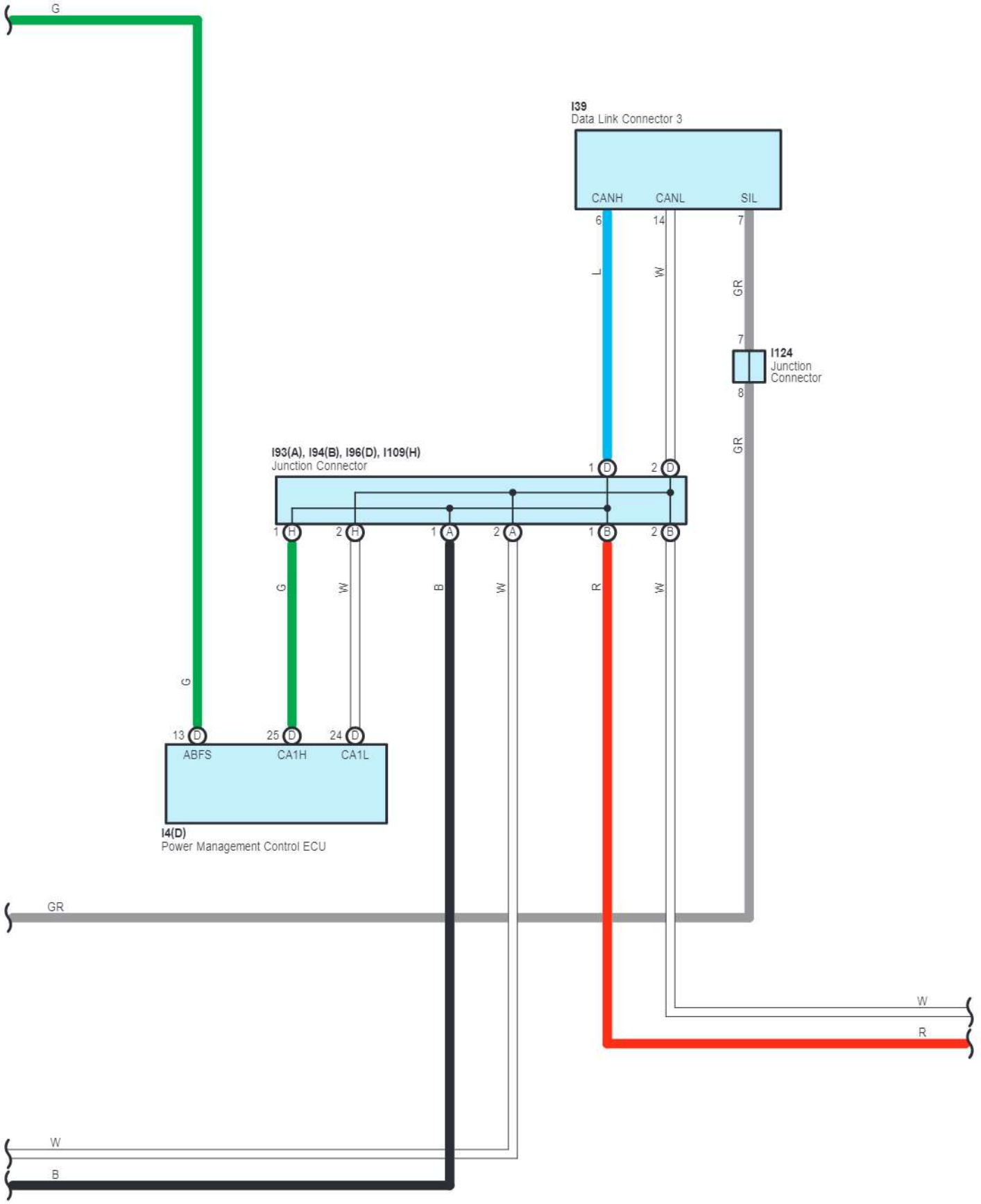


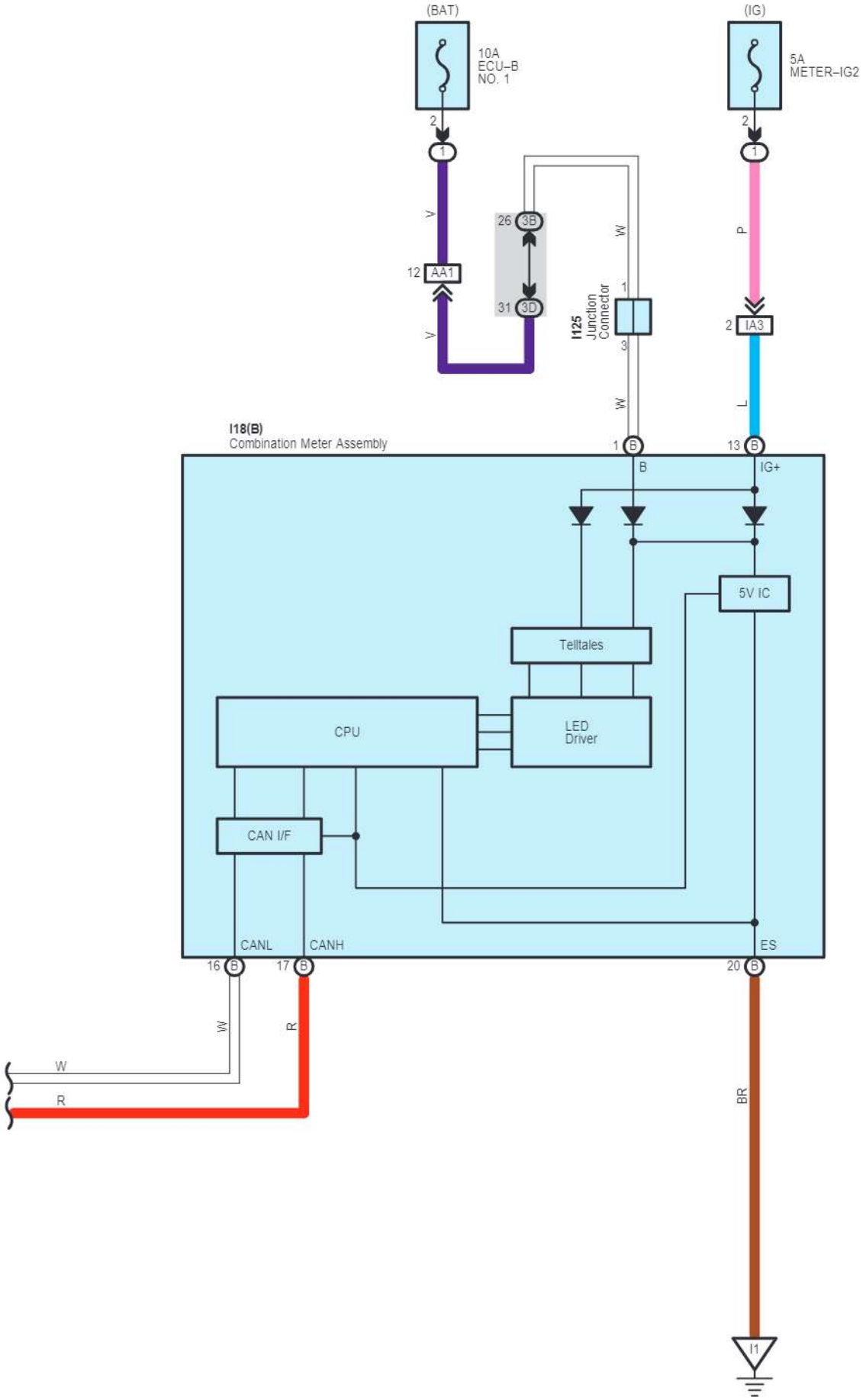

(IG)
10A
A/B
2
46 3A
B
21 A
IG2
z4(B), z5(C)
Driver Side Squib Circuit
(Horn Button Assembly)
2 B 1 B 2 C 1 C
D+ D– D2+ D2–
I27(A), z4(B), z5(C)
Spiral Cable
Sub–Assembly
1 A 2 A 4 A 3 A
Y–B Y Y–R Y–G
5 A 6 A 8 A 7 A
D+ D– D2+ D2–
b1(A), b2(B)
Instrument Panel Passenger Airbag
Assembly without Door
P+ P– P2+ P2–
2 A 1 A 2 B 1 B
Y–B Y Y–R Y–G
4 Ib2 3 Ib2 2 Ib2 1 Ib2
Y–G Y–R Y Y–B
2 A 1 A 3 A 4 A
P2– P2+ P–– P+
I47(A), N5(B), O7(C)
Airbag Sensor Assembly
E1 E2 +SL –SL +SR –SR
25 A 26 A 30 A 28 A 29 A 27 A
W–B W–B W B W B
25 3A 47 3A 3 IA5 4 IA5 2 IA5 1 IA5
W–B W–B W B W B
7 3B 51 3A 2 1 2 1
+SL –SL +SR –SR
I3 I1
A12
Front Airbag Sensor LH
A58
Front Airbag Sensor RH


z10
Front Seat Airbag Assembly LH
z11
Front Seat Airbag Assembly RH
N27
Curtain Shield Airbag Assembly LH
O23
Curtain Shield Airbag Assembly RH
z12
Rear Seat Airbag Assembly LH
z13
Rear Seat Airbag Assembly RH
ICL+
ICL–
ICR+
ICR–
Nz1
Oz1
Nz2
Oz2
SFL+
SFL–
SFR+
SFR–
ICL+
ICL–
ICR+
ICR–
SRL+
SRL–
SRR+
SRR–
I47(A), N5(B), O7(C)
Airbag Sensor Assembly
PL+
PL–
PR+
PR–
BBL+
BBL–
BBR+
BBR–
L+
L–
R+
R–
Pretensioner
Pretensioner
N9
Front Seat Outer Belt Assembly LH
O12
Front Seat Outer Belt Assembly RH
N8
Side Airbag Sensor Assembly LH
O11
Side Airbag Sensor Assembly RH
N33
No. 2 Side Airbag Sensor Assembly LH
O32
No. 2 Side Airbag Sensor Assembly RH
BCL+
BCL–
BCR+
BCR–
BDL+
BDL–
BDR+
BDR–
KN1
JO1
K10
Door Side Airbag Sensor LH
J10
Door Side Airbag Sensor RH


G
(IG)
7. 5A
A/C–IG1
I135(A)
DCM (Telematics Transceiver)
GSW
I40
Lower No. 1 Instrument Panel
Airbag Assembly
DK+
DK–
IG+
PASSENGER AIRBAG
ON/OFF Indicator
P–AB
PAON
GND
I56
A/C Control Assembly
I47(A), N5(B), O7(C)
Airbag Sensor Assembly
PK+
PK–
LBE+
LBE–
CANH
CANL
FSR+
FSR–
GSW2
GSW3
I140
Lower No. 2
Instrument Panel
Airbag Assembly
N32
Front Seat Inner
Belt Assembly LH
Buckle Switch
A25(A)
ECM
I101(B), I103(D), I104(E)
Junction Connector
I3
* 3 : w/ Safety Connect


G
G
(BAT)
(IG)
10A
ECU–B
NO. 2
10A
A/B
2
2
12 3B
15 3A
W
LG
15 IO1
6 IO1
R
LG
6 Od2
7 Od2
W
B
1 B
6 B
d10
Front Occupant
Classification Sensor LH
d12
Rear Occupant
Classification Sensor LH
1
2
3
R
P
G
1 A
3 A
5 A
1
2
3
GR
Y
W
2 A
4 A
6 A
d8(A), d11(B)
Occupant Detection ECU
4 B
7 B
3 B
8 B
5 B
2 B
Y
L
W–B
G
P
GR
5 Od2
1 Od2
3 Od2
2
1
2 Od2
B
W
BR
Buckle Switch
d9
Front Seat Inner
Belt Assembly RH
GR
21 IO2
GR
B
W
W
B
B
O1

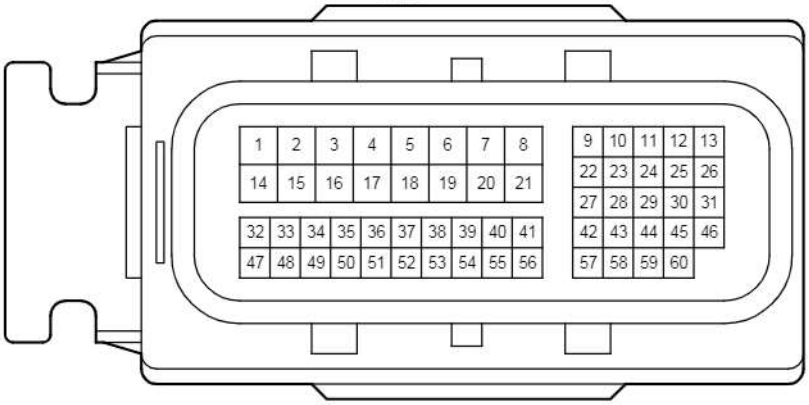

G
I39
Data Link Connector 3
CANH
CANL
SIL
6
14
7
L
W
GR
7
I124
Junction Connector
8
GR
I93(A), I94(B), I96(D), I109(H)
Junction Connector
1 D
2 D
1 H
2 H
1 A
2 A
1 B
2 B
G
W
B
W
R
W
G
13 D
25 D
24 D
ABFS
CA1H
CA1L
I4(D)
Power Management Control ECU
GR
W
R
W
B


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

A 12
Yellow



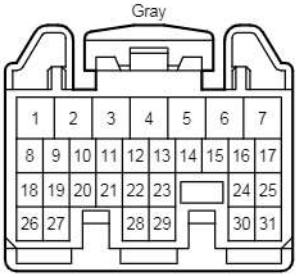
A 25
Black



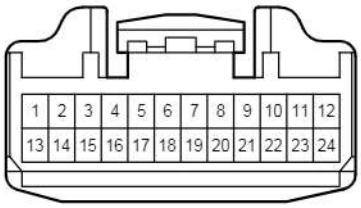
A 58
Yellow



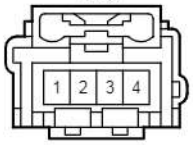
I 4
Gray



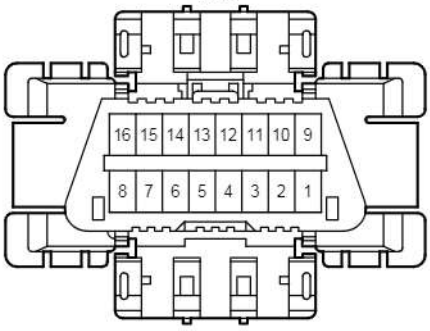
I 18
Black



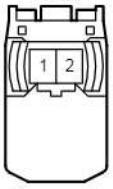
I 27
Yellow



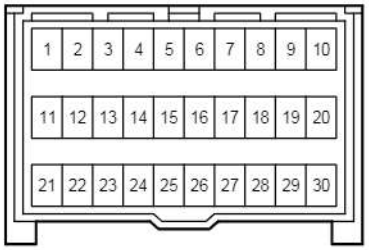
I 39
White



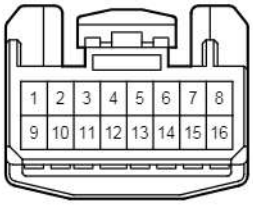
I 40
Black



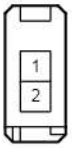
I 47
Yellow



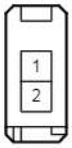
I 56
Black



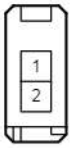
I 93
White



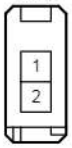
I 94
White



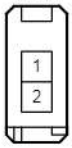
I 96
White



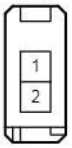
I101
White



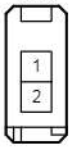
I103
White



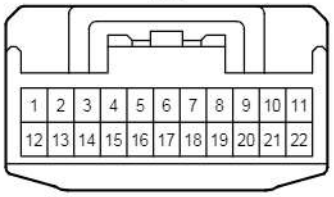
I104
White



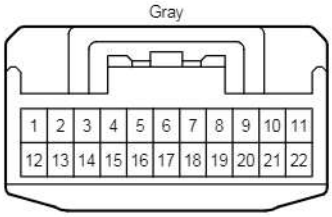
I109
White



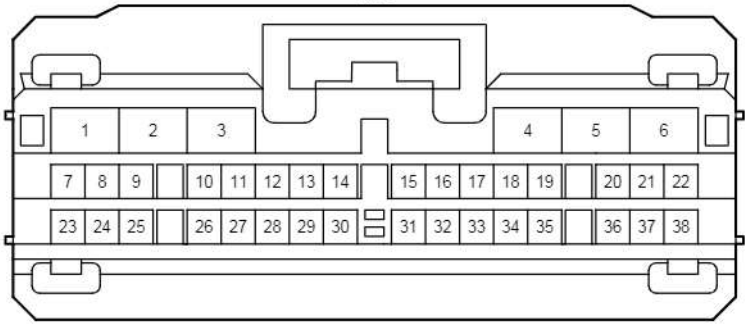
I124
White



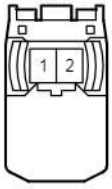
I125
Gray



I135
White



I140
Black



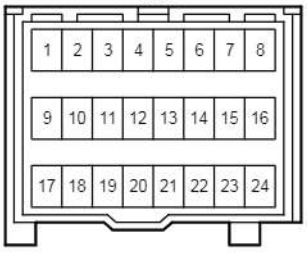
J 10
Yellow



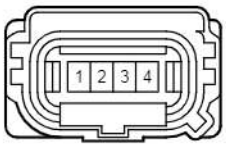
K 10
Yellow



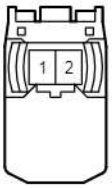
N 5
Yellow



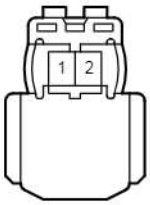
N 8
Yellow



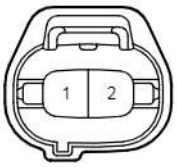
N 9
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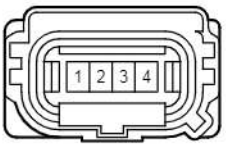
N 27
Black



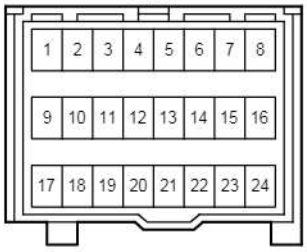
N 32
White



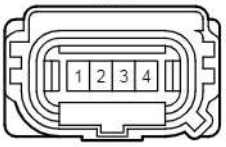
N 33
Yellow



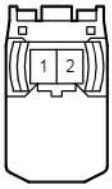
O 7
Yellow



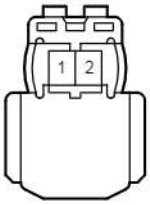
O 11
Yellow



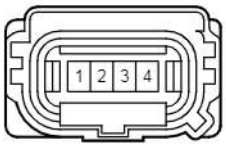
O 12
Black



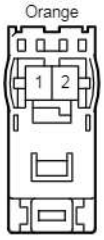
O 23
Black



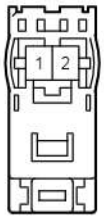
O 32
Yellow



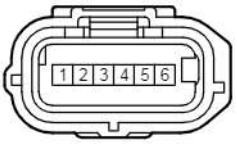
b 1
Orange



b 2
Black



d 8
Black



d 9
Gray



d 10
Black



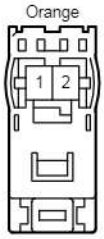
d 11
Black



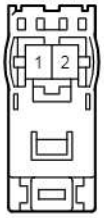
d 12
Gray



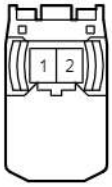
z 4
Orange



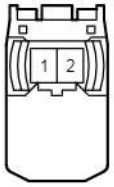
z 5
Black



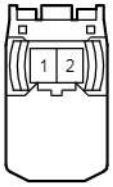
z 10
White



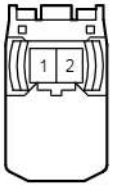
z 11
White



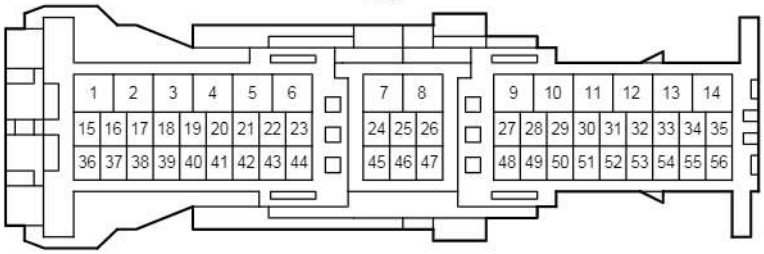
z 12
White



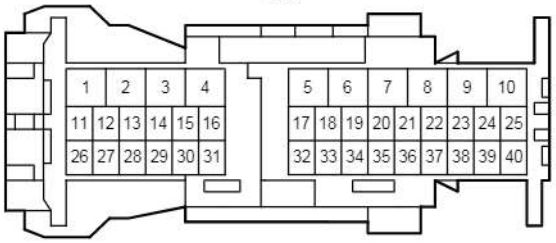
z 13
White



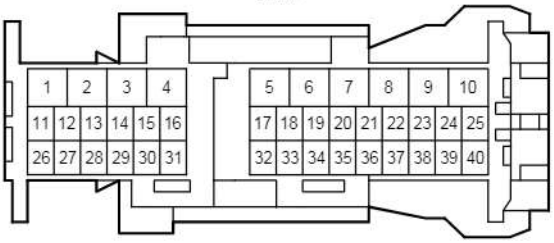
3A
White



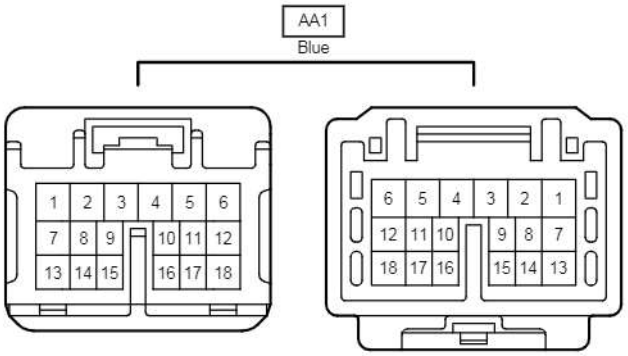
3B
White



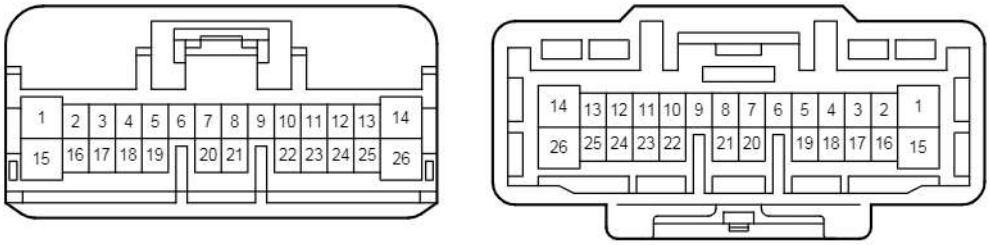
3D
White



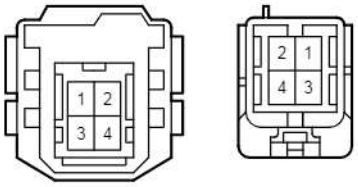
AA1
Blue



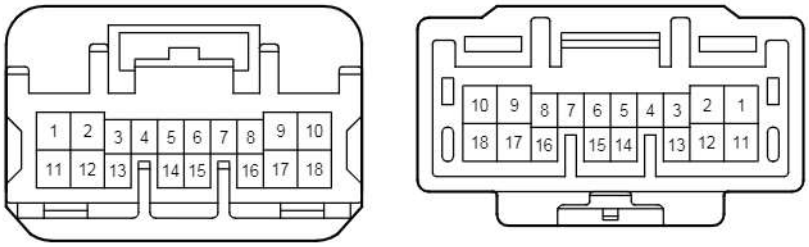
IA3
Blue



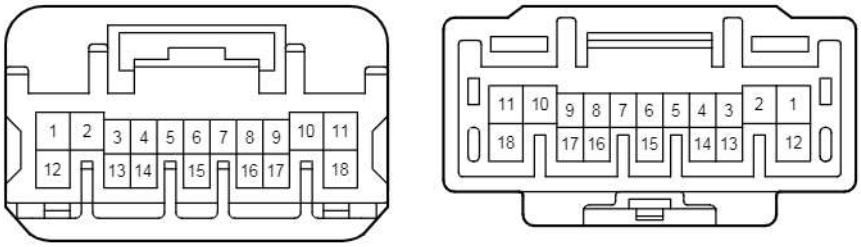
IA5
Yellow



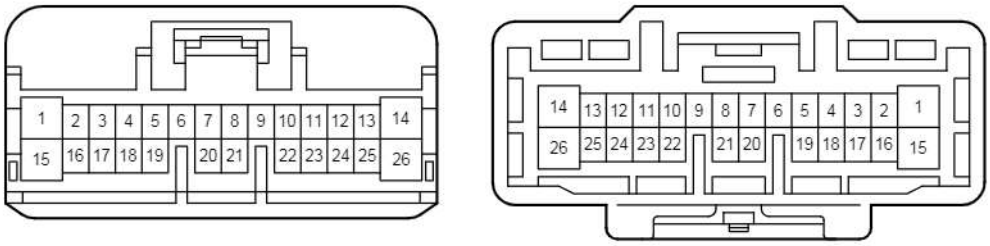
IA8
Gray



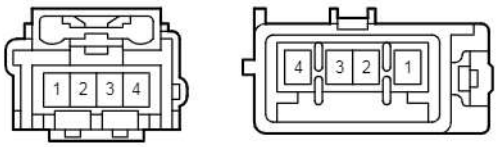
IO1
White



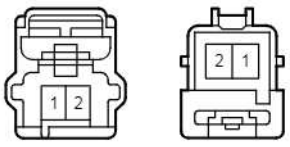
IO2
White

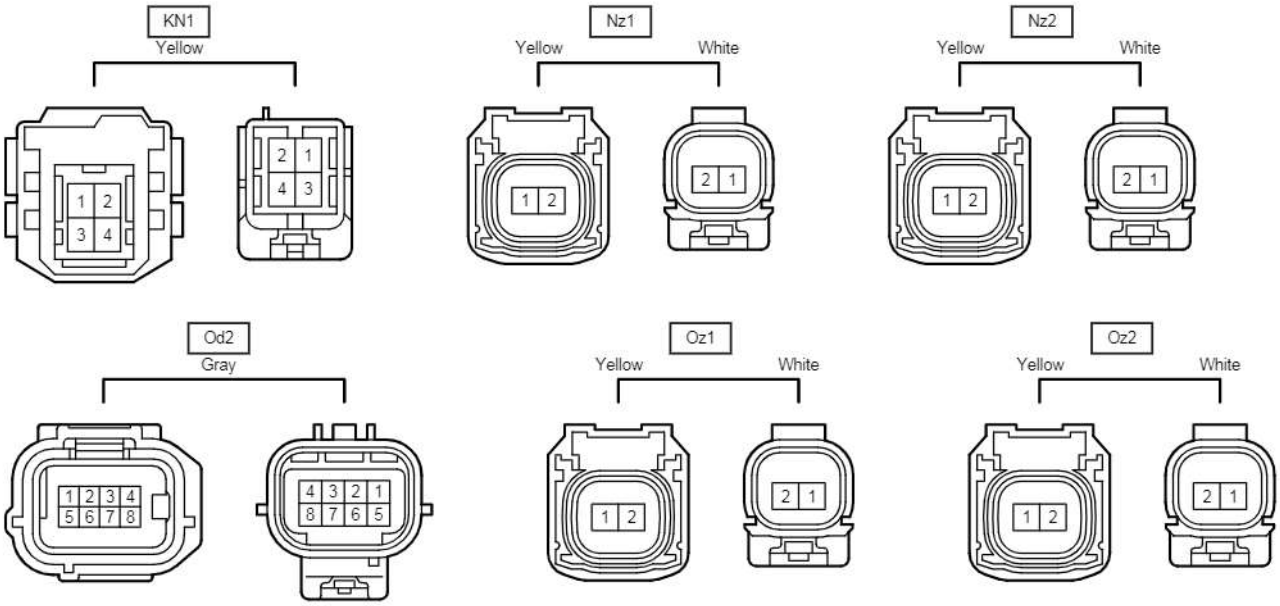


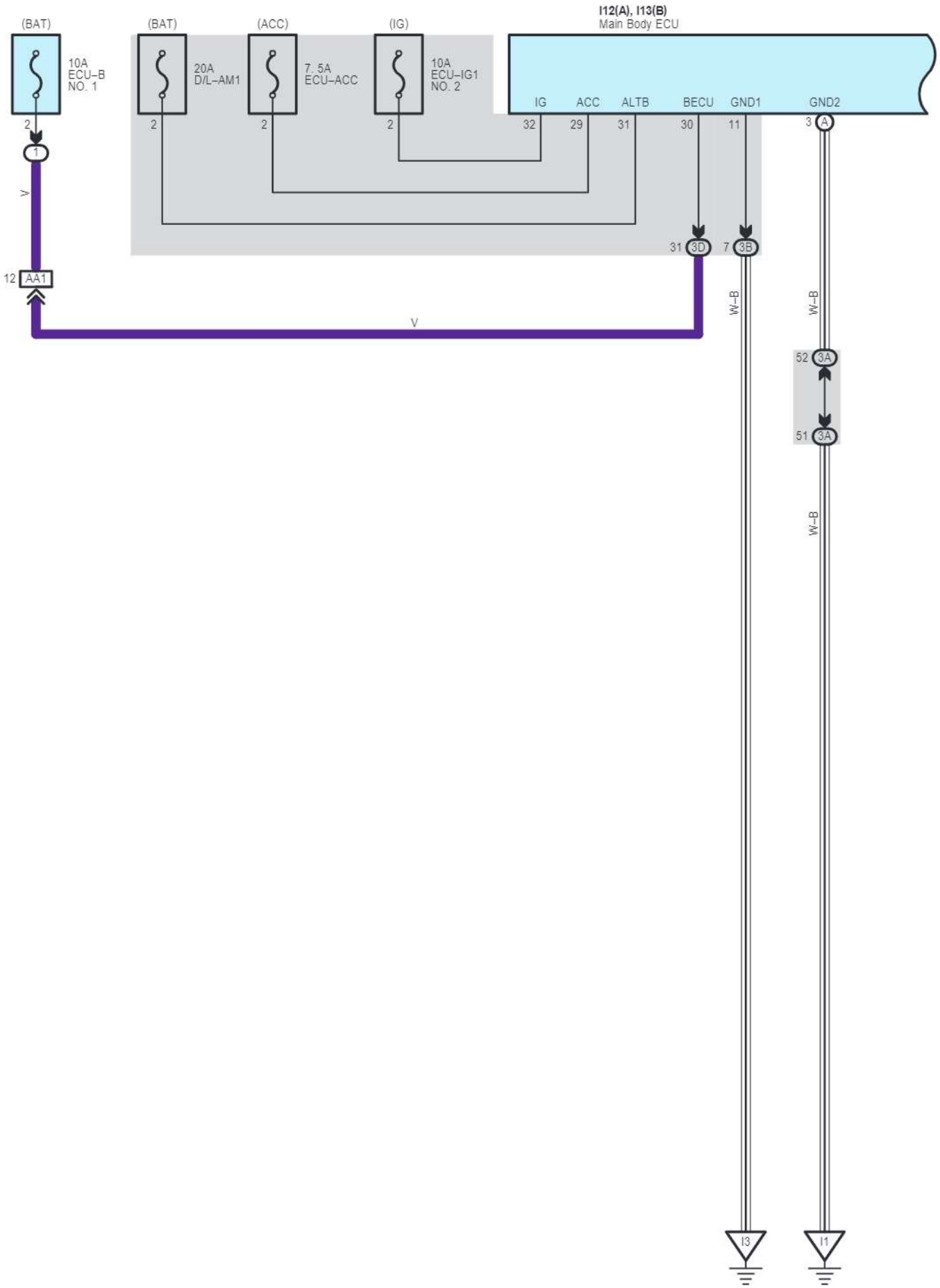
Ib2
Yellow

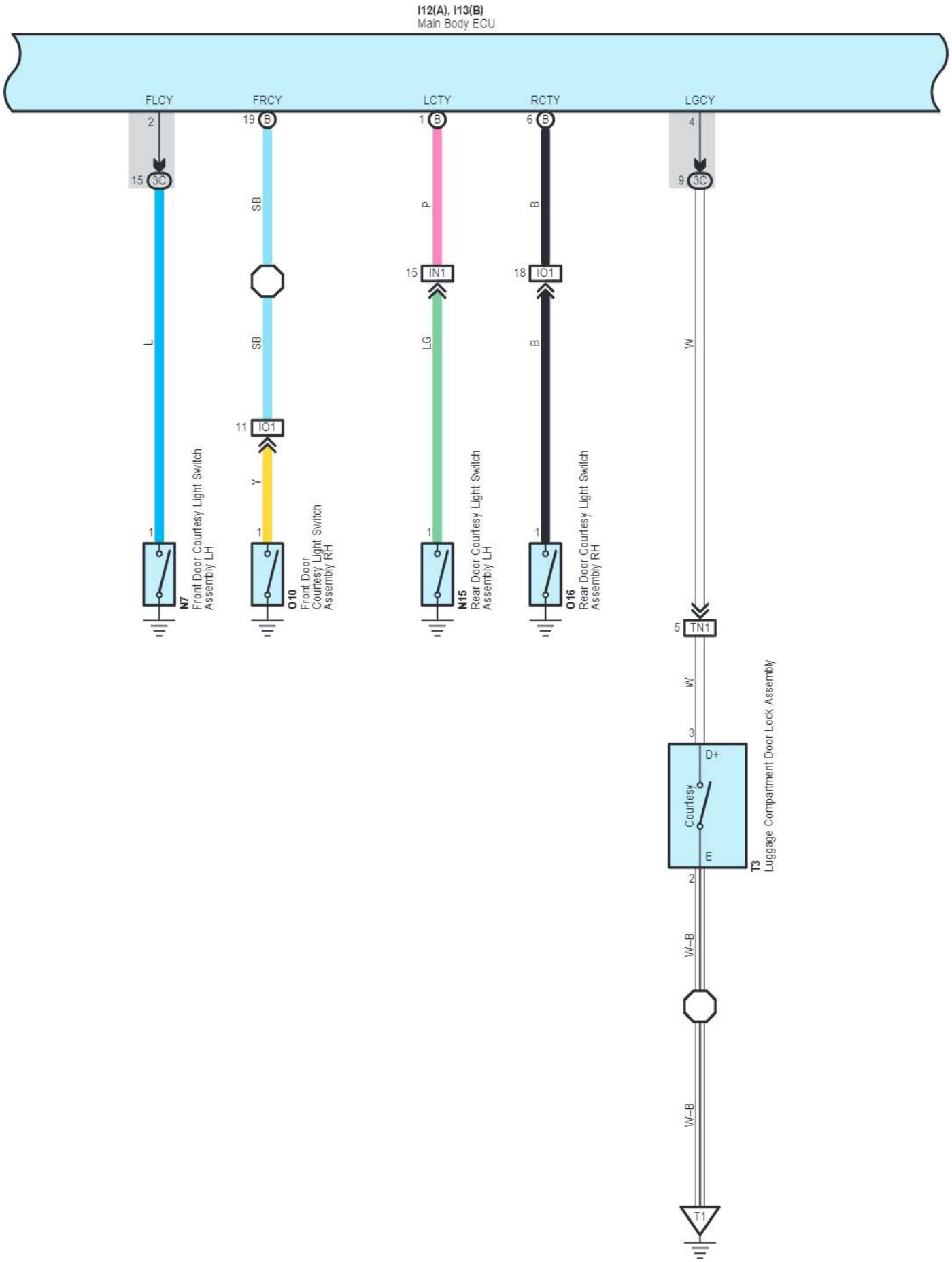


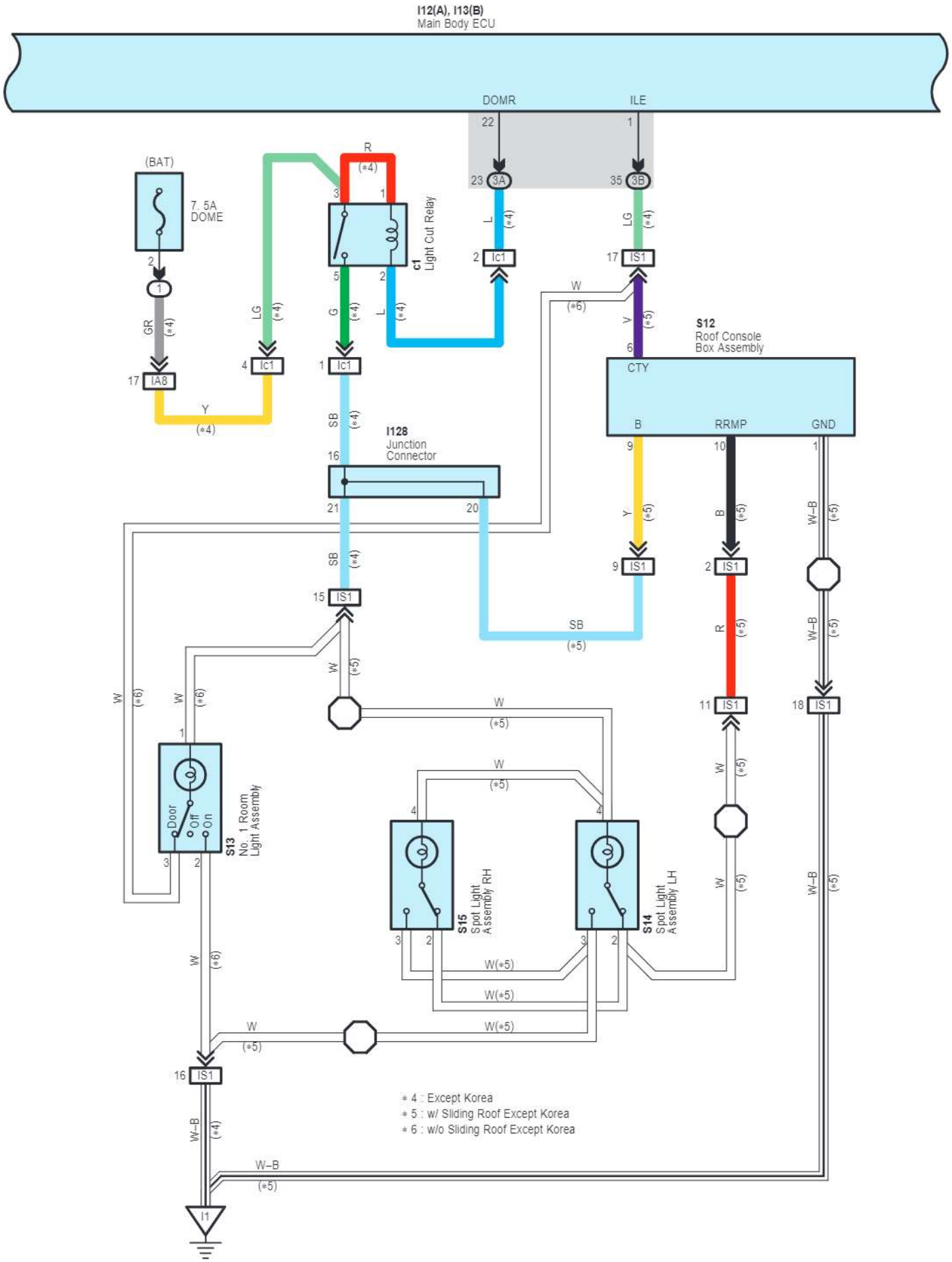
JO1
Yellow

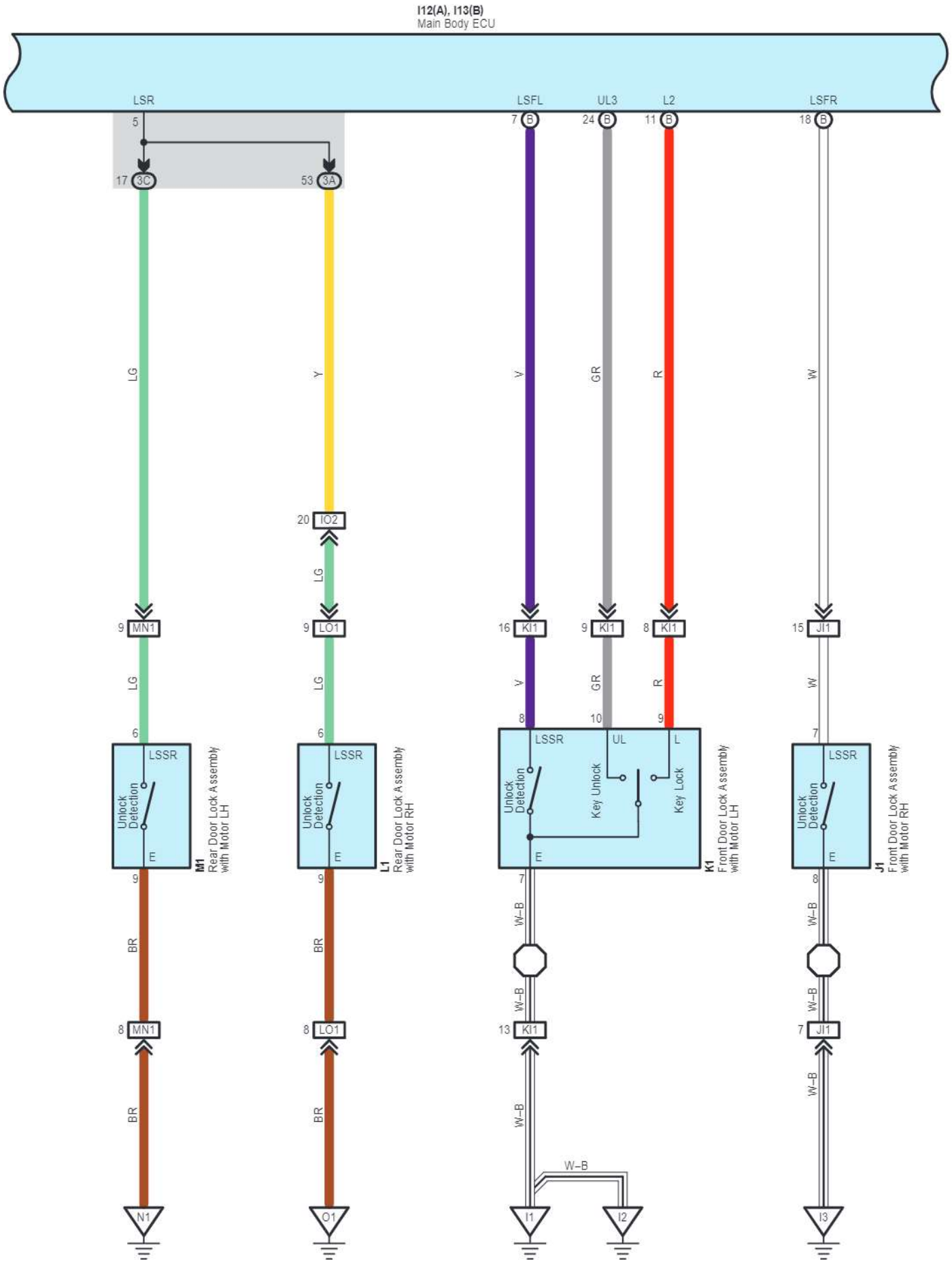


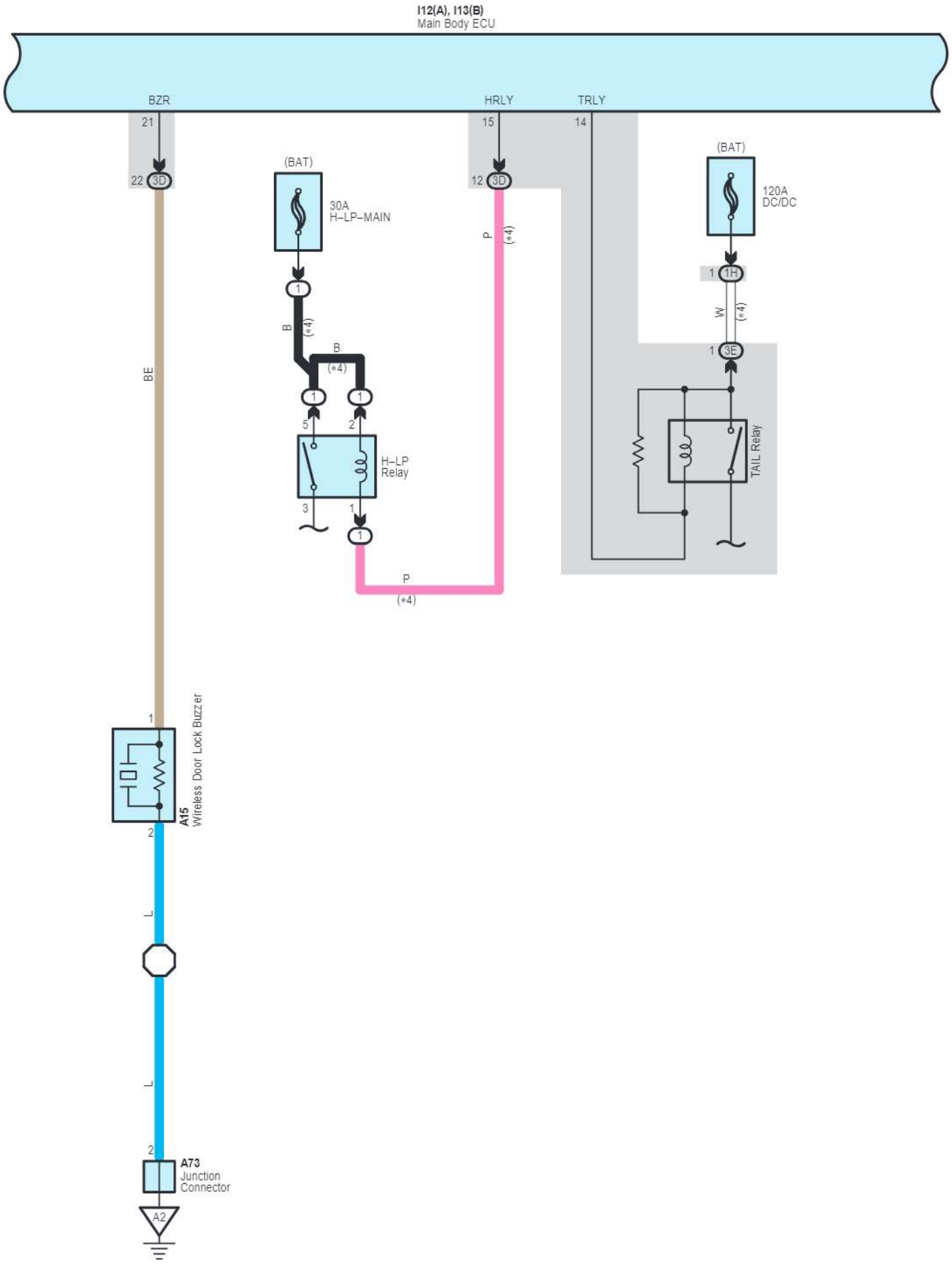

KN1
Yellow
1 2
3 4
2 1
4 3
Nz1
Yellow
White
1 2
2 1
Nz2
Yellow
White
1 2
2 1
Od2
Gray
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5
Oz1
Yellow
White
1 2
2 1
Oz2
Yellow
White
1 2
2 1

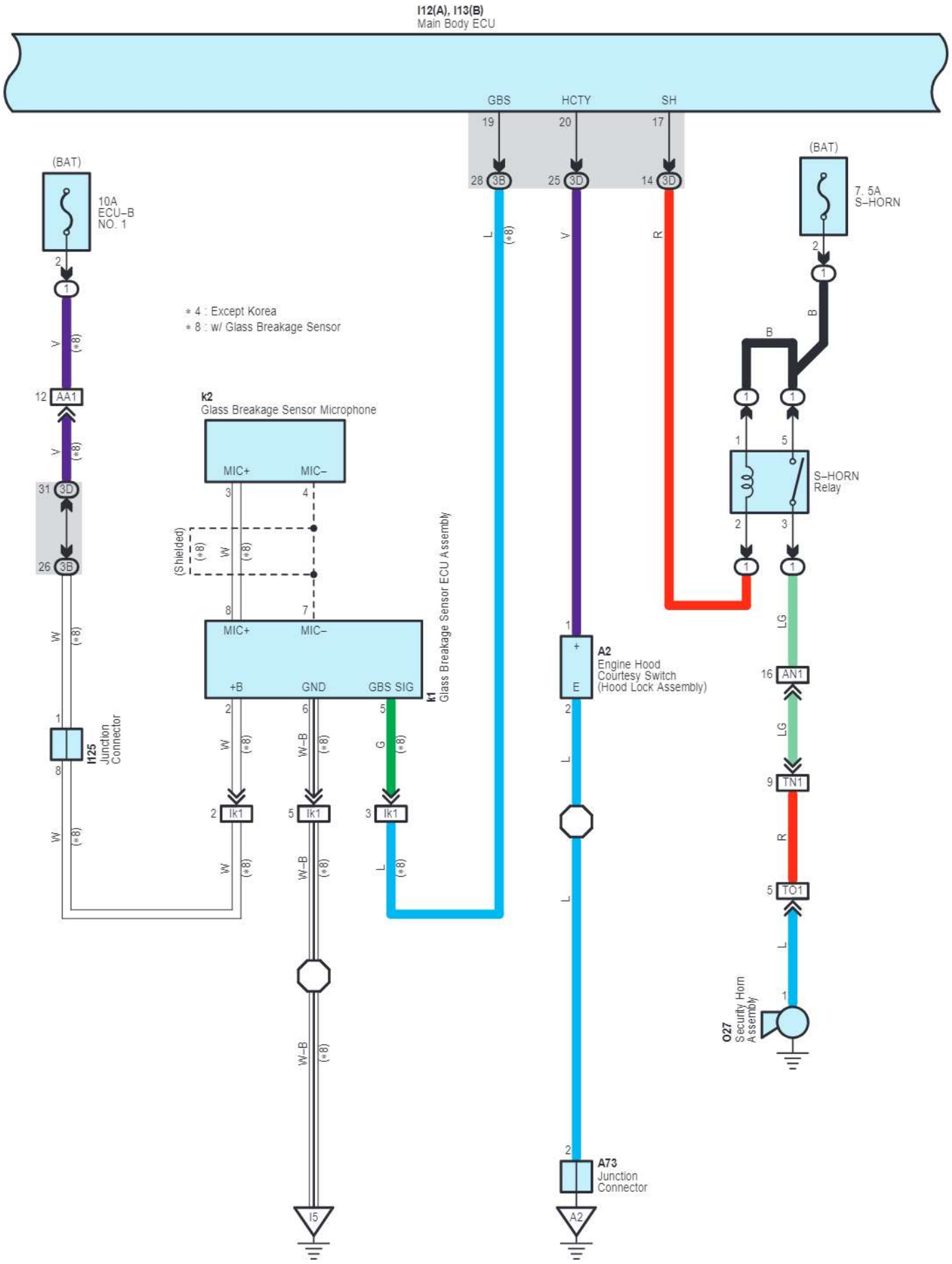

I12(A), I13(B)
Main Body ECU
(BAT)
(BAT)
(ACC)
(IG)
10A
ECU–B
NO. 1
20A
D/L–AM1
7. 5A
ECU–ACC
10A
ECU–IG1
NO. 2
IG
ACC
ALTB
BECU
GND1
GND2
2
1
V
12
AA1
2
2
2
32
29
31
30
11
3
A
31
3D
7
3B
V
W–B
W–B
52
3A
51
3A
W–B
I3
I1

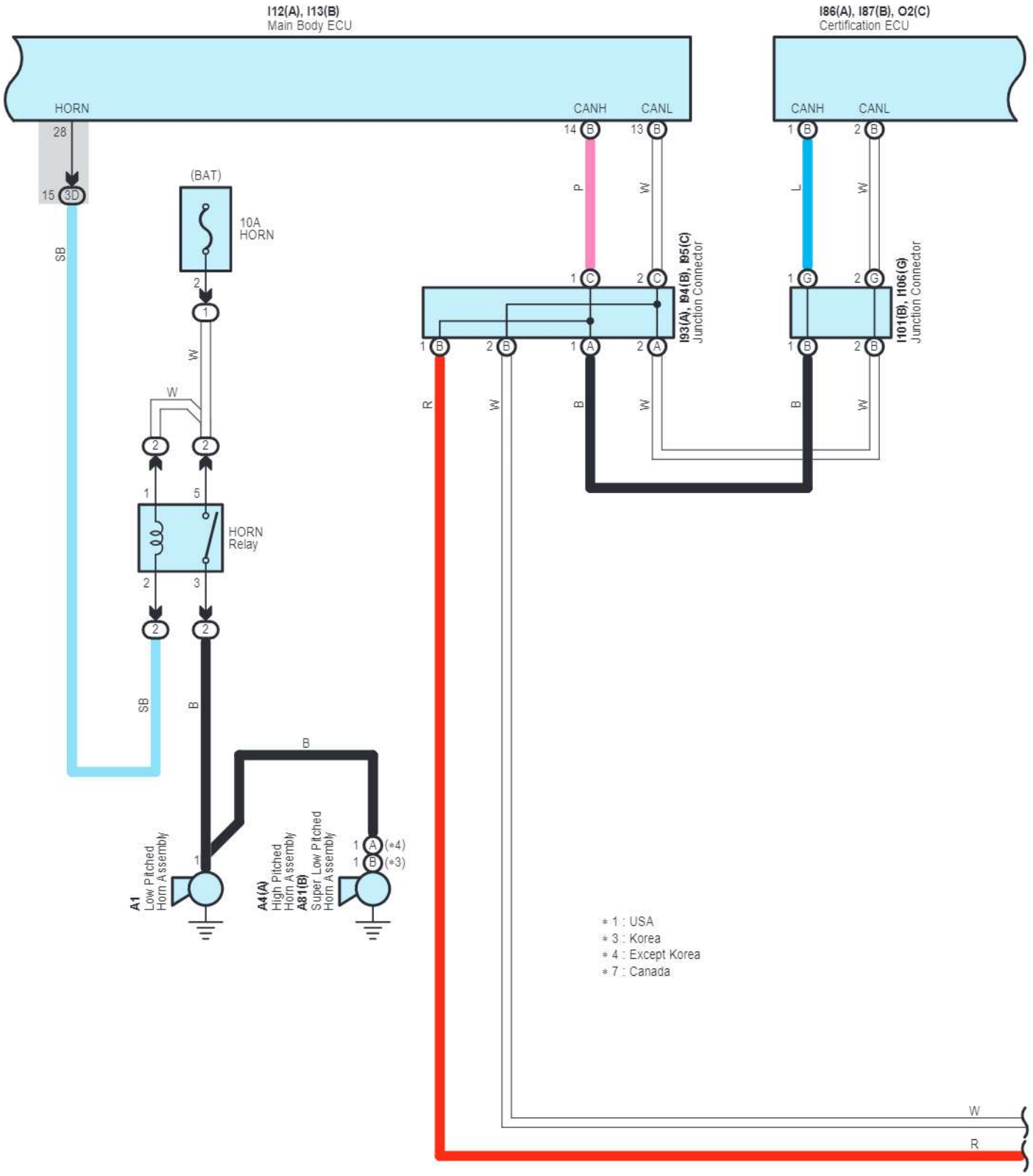

I12(A), I13(B)
Main Body ECU
FLCY
FRCY
LCTY
RCTY
LGCY
2
15 3C
19 B
1 B
6 B
4
9 3C
L
SB
SB
P
B
W
15 IN1
18 IO1
11 IO1
LG
B
Y
1
1
1
1
1
N7
Front Door Courtesy Light Switch Assembly LH
O10
Front Door Courtesy Light Switch Assembly RH
N15
Rear Door Courtesy Light Switch Assembly LH
O16
Rear Door Courtesy Light Switch Assembly RH
5 TN1
W
3
D+
Courtesy
E
T3
Luggage Compartment Door Lock Assembly
2
W-B
W-B
T1

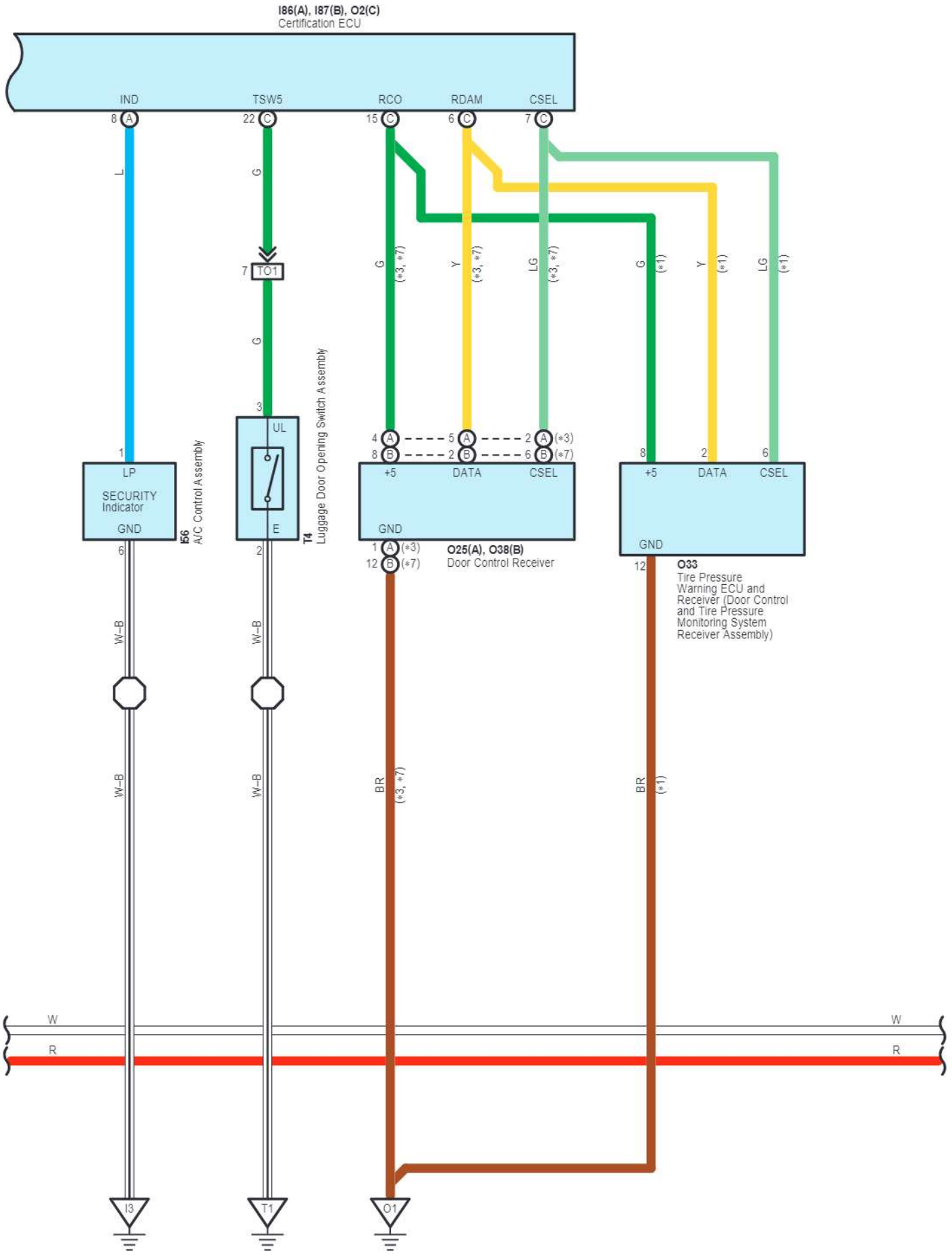

I12(A), I13(B)
Main Body ECU
DOMR
ILE
22
1
23 3A
35 3B
(BAT)
7. 5A
DOME
2
1
GR
(*4)
17 IA8
Y
(*4)
R
(*4)
3
1
5
2
c1
Light Cut Relay
L
(*4)
2 Ic1
LG
(*4)
17 IS1
W
(*6)
LG
(*4)
4 Ic1
G
(*4)
1 Ic1
L
(*4)
V
(*5)
6
S12
Roof Console
Box Assembly
CTY
B
RRMP
GND
9
10
1
SB
(*4)
16
I128
Junction
Connector
21
20
Y
(*5)
B
(*5)
W–B
(*5)
9 IS1
2 IS1
SB
(*4)
15 IS1
SB
(*5)
W
(*6)
W
(*6)
W
(*5)
W
(*5)
R
(*5)
W–B
(*5)
11 IS1
18 IS1
1
Door
Off
On
3
2
S13
No. 1 Room
Light Assembly
4
4
S15
Spot Light
Assembly RH
S14
Spot Light
Assembly LH
3
2
3
2
W
(*5)
W(*5)
W(*5)
W
(*5)
W(*5)
W
(*6)
W
(*5)
W–B
(*5)
16 IS1
W–B
(*4)
W–B
(*5)
I1
* 4 : Except Korea
* 5 : w/ Sliding Roof Except Korea
* 6 : w/o Sliding Roof Except Korea

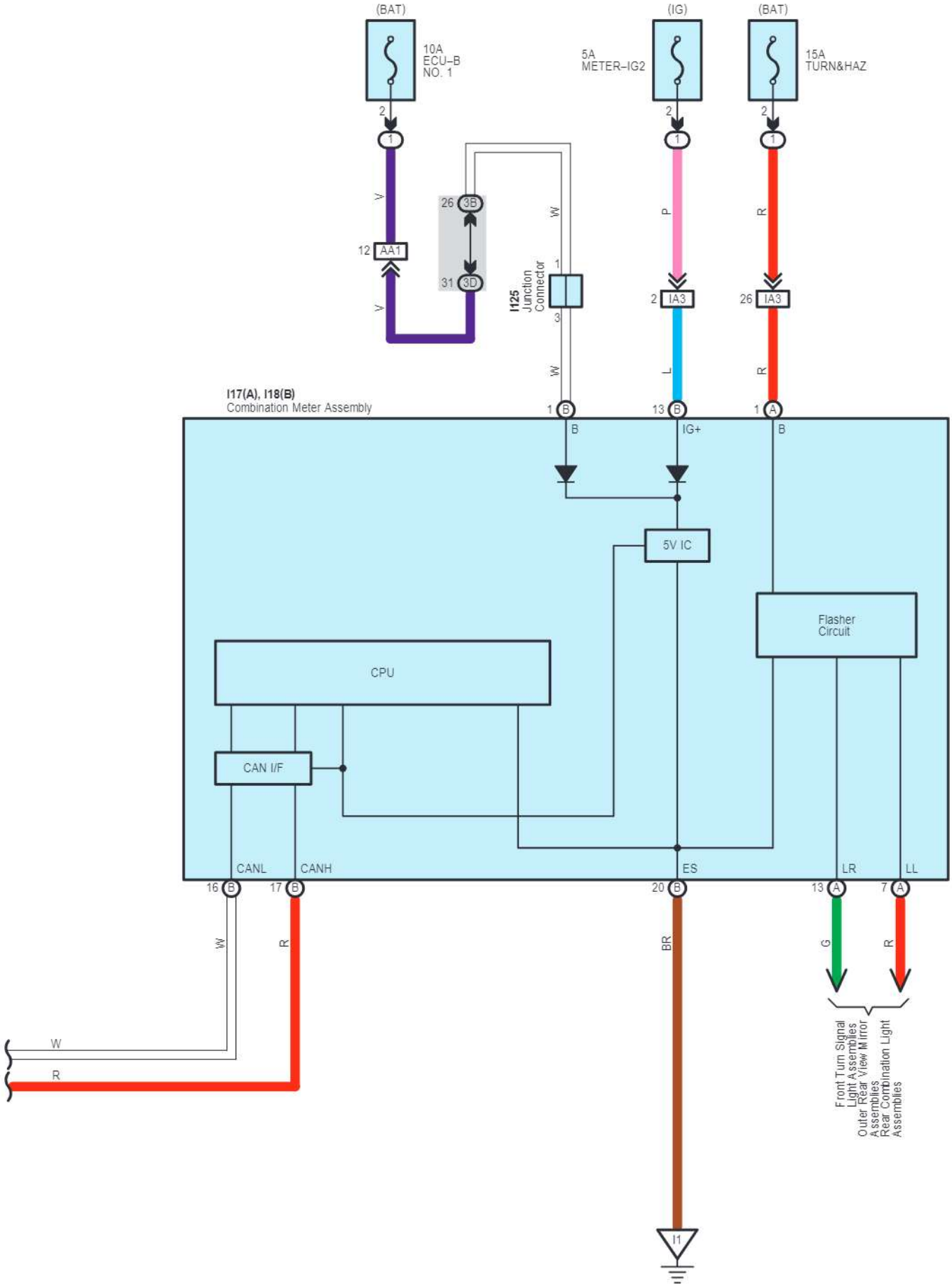

I12(A), I13(B)
Main Body ECU
LSR
LSFL
UL3
L2
LSFR
5
17 3C
53 3A
7 B
24 B
11 B
18 B
LG
Y
V
GR
R
W
20 IO2
9 MN1
9 LO1
16 KI1
9 KI1
8 KI1
15 JI1
6
8
10
9
7
LSSR
Unlock Detection
E
UL
L
Key Unlock
Key Lock
M1
Rear Door Lock Assembly with Motor LH
L1
Rear Door Lock Assembly with Motor RH
K1
Front Door Lock Assembly with Motor LH
J1
Front Door Lock Assembly with Motor RH
W-B
8 MN1
8 LO1
13 KI1
7 JI1
N1
O1
I1
I2
I3


I12(A), I13(B)
Main Body ECU
BZR
HRLY
TRLY
21
22 3D
15
12 3D
14
(BAT)
30A
H-LP-MAIN
(BAT)
120A
DC/DC
1 1H
1 3E
W
(*4)
B
(*4)
P
(*4)
BE
1
2
5
3
H-LP
Relay
TAIL Relay
A15
Wireless Door Lock Buzzer
L
A73
Junction
Connector
A2

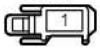

I12(A), I13(B)
Main Body ECU
GBS
HCTY
SH
19
20
17
28 3B
25 3D
14 3D
(BAT)
10A
ECU-B
NO. 1
2
1
V
(*8)
12 AA1
31 3D
26 3B
W
(*8)
1
I125
Junction
Connector
8
* 4 : Except Korea
* 8 : w/ Glass Breakage Sensor
k2
Glass Breakage Sensor Microphone
MIC+
MIC-
3
4
(Shielded)
W
8
7
+B
GND
GBS SIG
2
6
5
W-B
G
2 Ik1
5 Ik1
3 Ik1
k1
Glass Breakage Sensor ECU Assembly
L
I5
A2
Engine Hood
Courtesy Switch
(Hood Lock Assembly)
+
E
A73
Junction
Connector
(BAT)
7. 5A
S-HORN
B
S-HORN
Relay
LG
16 AN1
9 TN1
R
5 TO1
O27
Security Horn
Assembly


I12(A), I13(B)
Main Body ECU
I86(A), I87(B), O2(C)
Certification ECU
HORN
CANH
CANL
28
15 3D
SB
(BAT)
10A
HORN
2
1
W
W
2
2
1
5
HORN
Relay
2
3
2
2
SB
B
B
A1
Low Pitched
Horn Assembly
1
A4(A)
High Pitched
Horn Assembly
A81(B)
Super Low Pitched
Horn Assembly
1 A (*4)
1 B (*3)
14 B
13 B
P
W
1 C
2 C
I93(A), I94(B), I95(C)
Junction Connector
1 B
2 B
1 A
2 A
R
W
B
W
1 B
2 B
L
W
1 G
2 G
I101(B), I106(G)
Junction Connector
1 B
2 B
B
W
* 1 : USA
* 3 : Korea
* 4 : Except Korea
* 7 : Canada
W
R

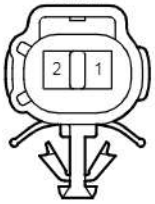

I86(A), I87(B), O2(C)
Certification ECU
IND
TSW5
RCO
RDAM
CSEL
8 A
22 C
15 C
6 C
7 C
L
G
G (*3, *7)
Y (*3, *7)
LG (*3, *7)
G (*1)
Y (*1)
LG (*1)
7 TO1
G
3
UL
E
T4
Luggage Door Opening Switch Assembly
4 A
8 B
5 A
2 B
2 A (*3)
6 B (*7)
1
LP
SECURITY Indicator
GND
6
I56
A/C Control Assembly
2
+5
DATA
CSEL
GND
1 A (*3)
12 B (*7)
O25(A), O38(B)
Door Control Receiver
8
2
6
+5
DATA
CSEL
GND
12
O33
Tire Pressure Warning ECU and Receiver (Door Control and Tire Pressure Monitoring System Receiver Assembly)
W-B
W-B
W-B
BR (*3, *7)
BR (*1)
W
R
W
R
I3
T1
O1


(BAT)
10A
ECU–B
NO. 1
(IG)
5A
METER–IG2
(BAT)
15A
TURN&HAZ
2
1
V
12 AA1
26 3B
31 3D
W
I125
Junction
Connector
1
3
P
2 IA3
R
26 IA3
L
R
I17(A), I18(B)
Combination Meter Assembly
1 B
13 B
1 A
B
IG+
B
5V IC
Flasher
Circuit
CPU
CAN I/F
CANL
CANH
ES
LR
LL
16 B
17 B
20 B
13 A
7 A
W
R
BR
G
R
W
R
Front Turn Signal
Light Assemblies
Outer Rear View Mirror
Assemblies
Rear Combination Light
Assemblies
I1

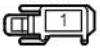
A 1
Black



A 2
Black



A 4
Black



A 15
Gray



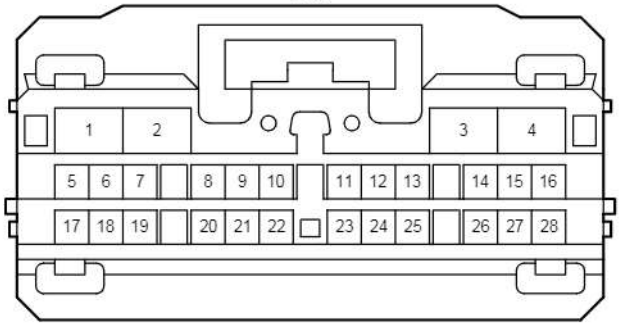
A 73
Gray



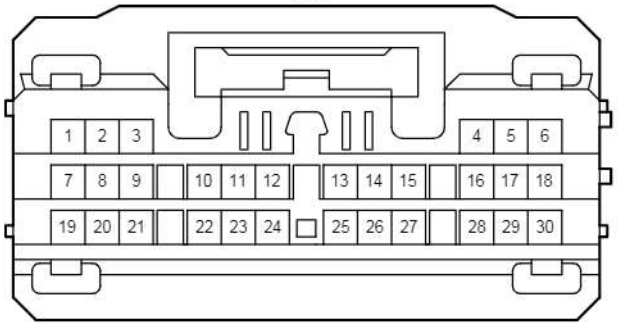
A 81
Black



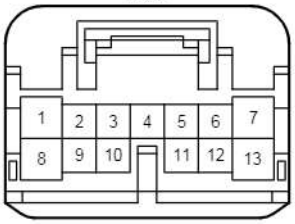
I 12
White



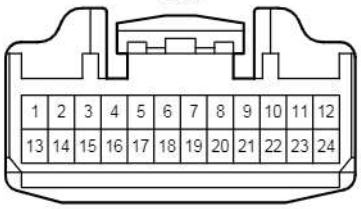
I 13
White



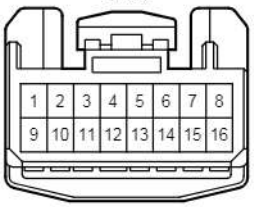
I 17
Black



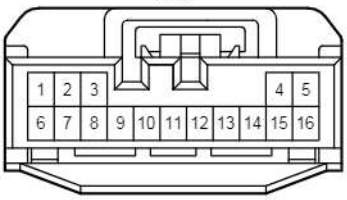
I 18
Black



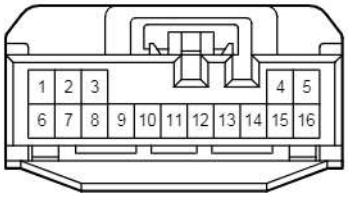
I 56
Black



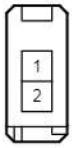
I 86
White



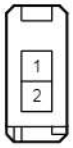
I 87
White



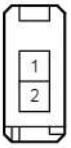
I 93
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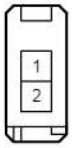
I 94
White



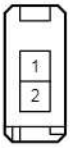
I 95
White



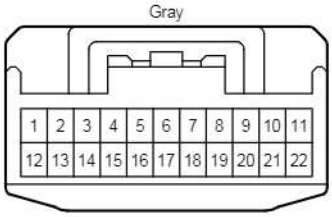
I101
White



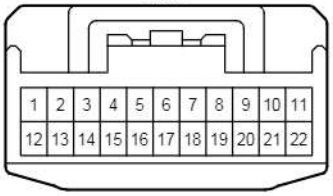
I106
White



I125
Gray



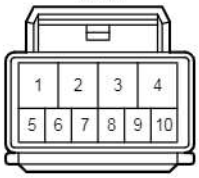
I128
White



J 1
White



K 1
White



L 1
White



M 1
White



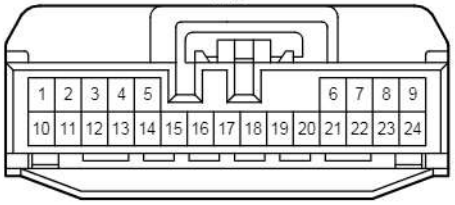
N 7
Black



N 15
Black



O 2
White



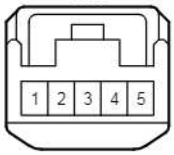
O 10
Black



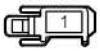
O 16
Black



O 25
White



O 27
Black



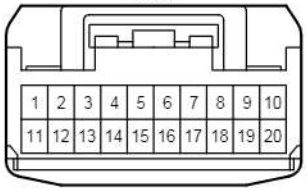
O 33
White



O 38
White



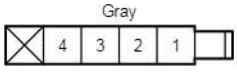
S 12
Black



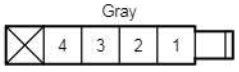
S 13
Gray



S 14
Gray



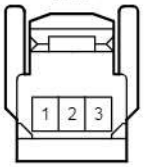
S 15
Gray



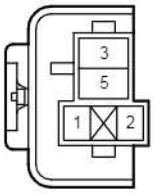
T 3
Black



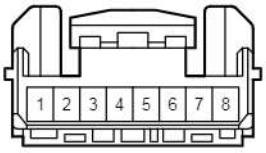
T 4
White



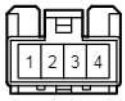
c 1
White



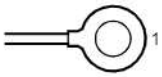
k 1
White



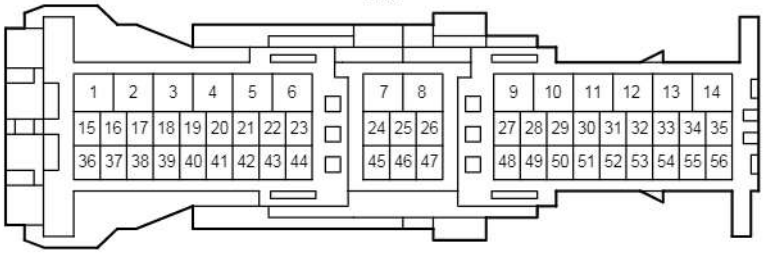
k 2
White



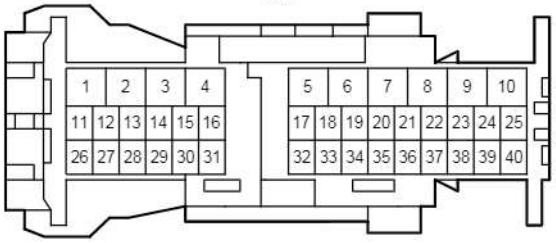
1H
White



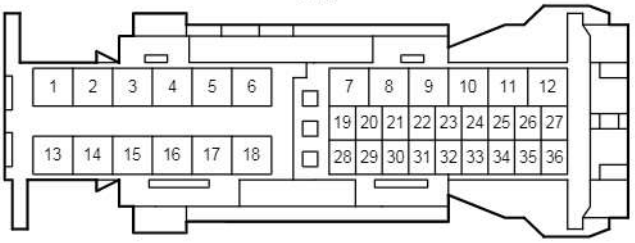
3A
White



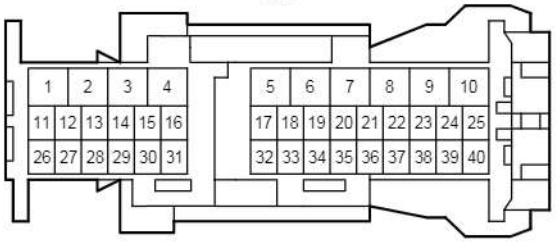
3B
White



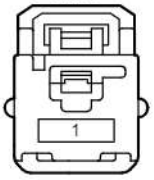
3C
White



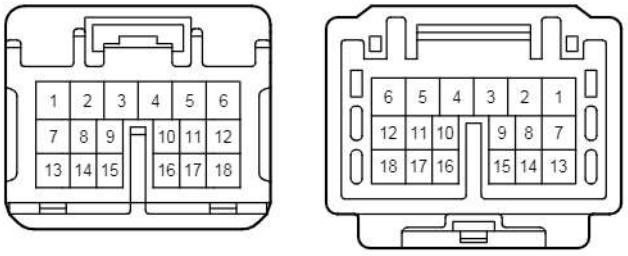
3D
White



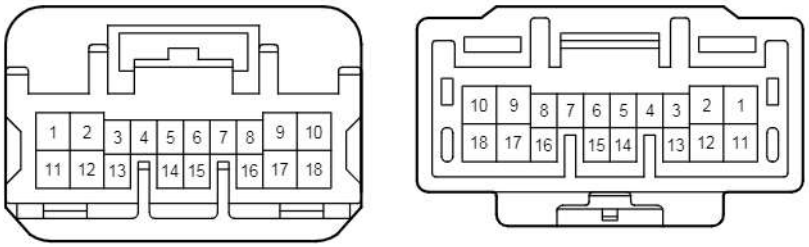
3E
White



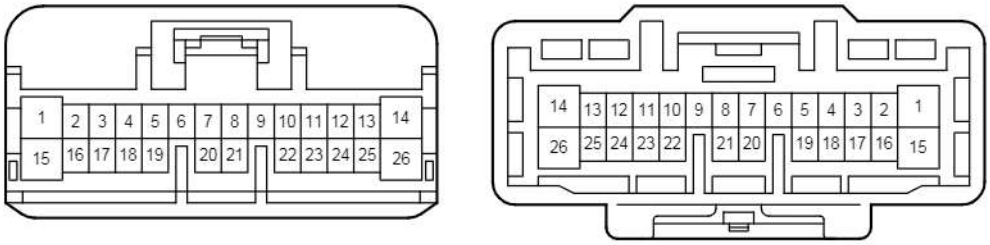
AA1
Blue



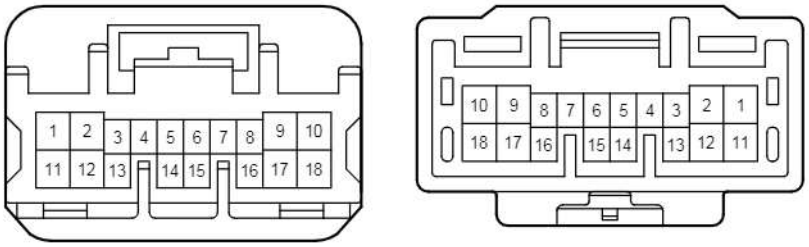
AN1
White



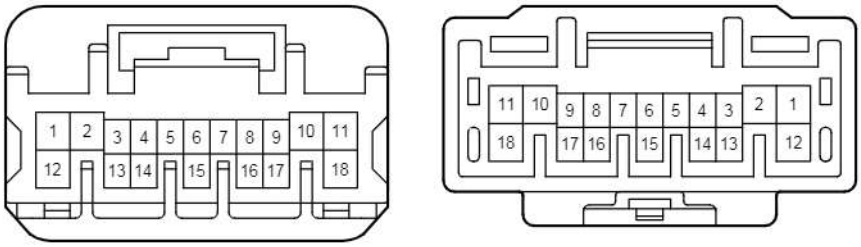
IA3
Blue



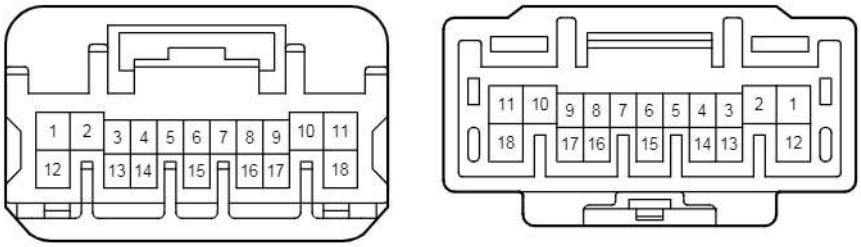
IA8
Gray



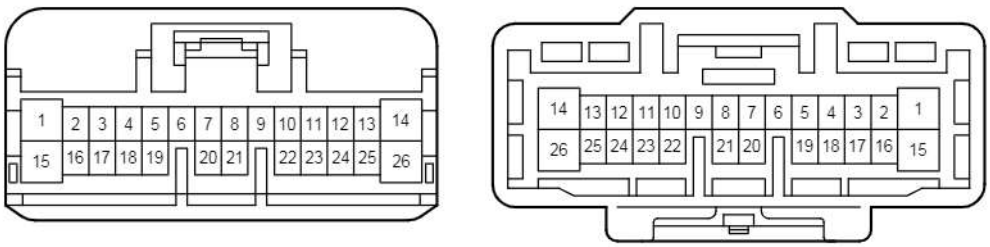
IN1
White



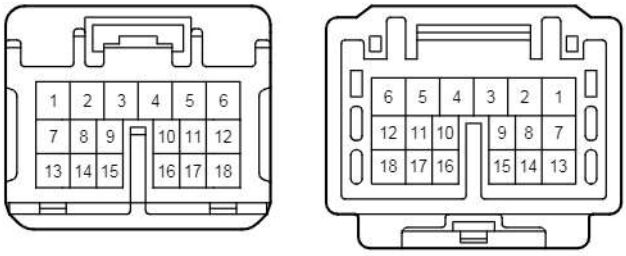
IO1
White



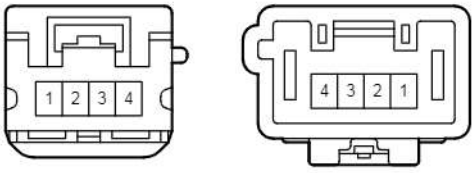
IO2
White



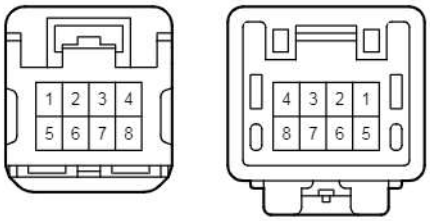
IS1
White



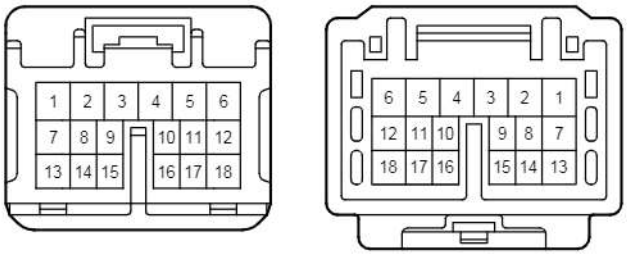
Ic1
White



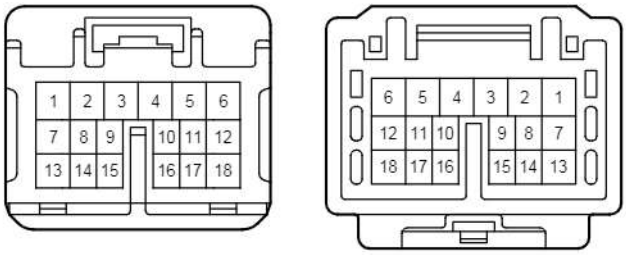
Ik1
White



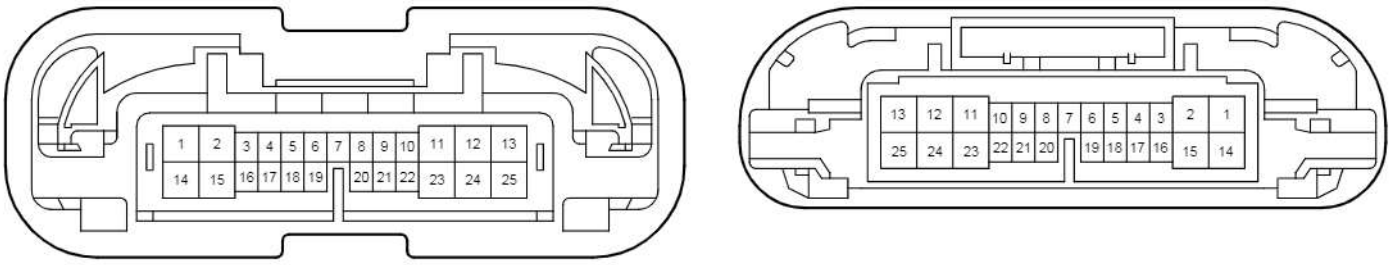
Jl1
Gray

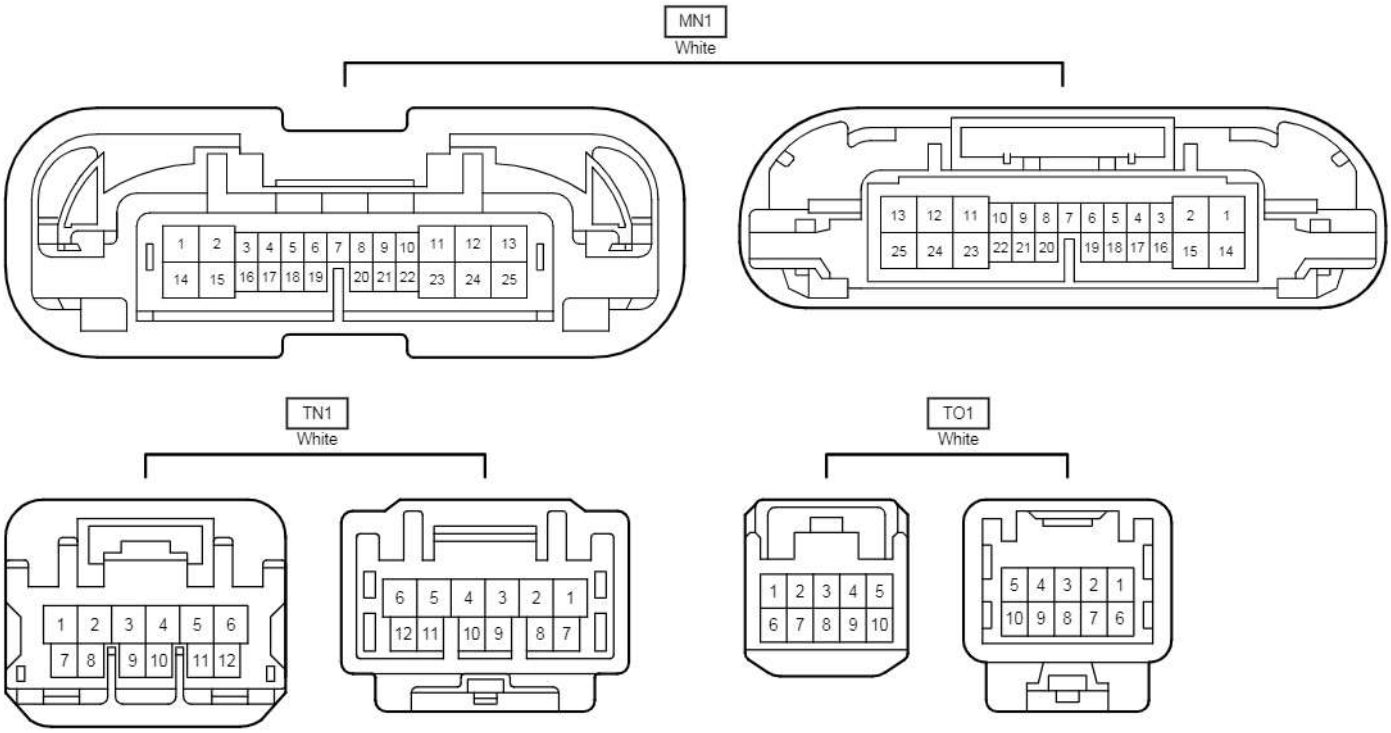


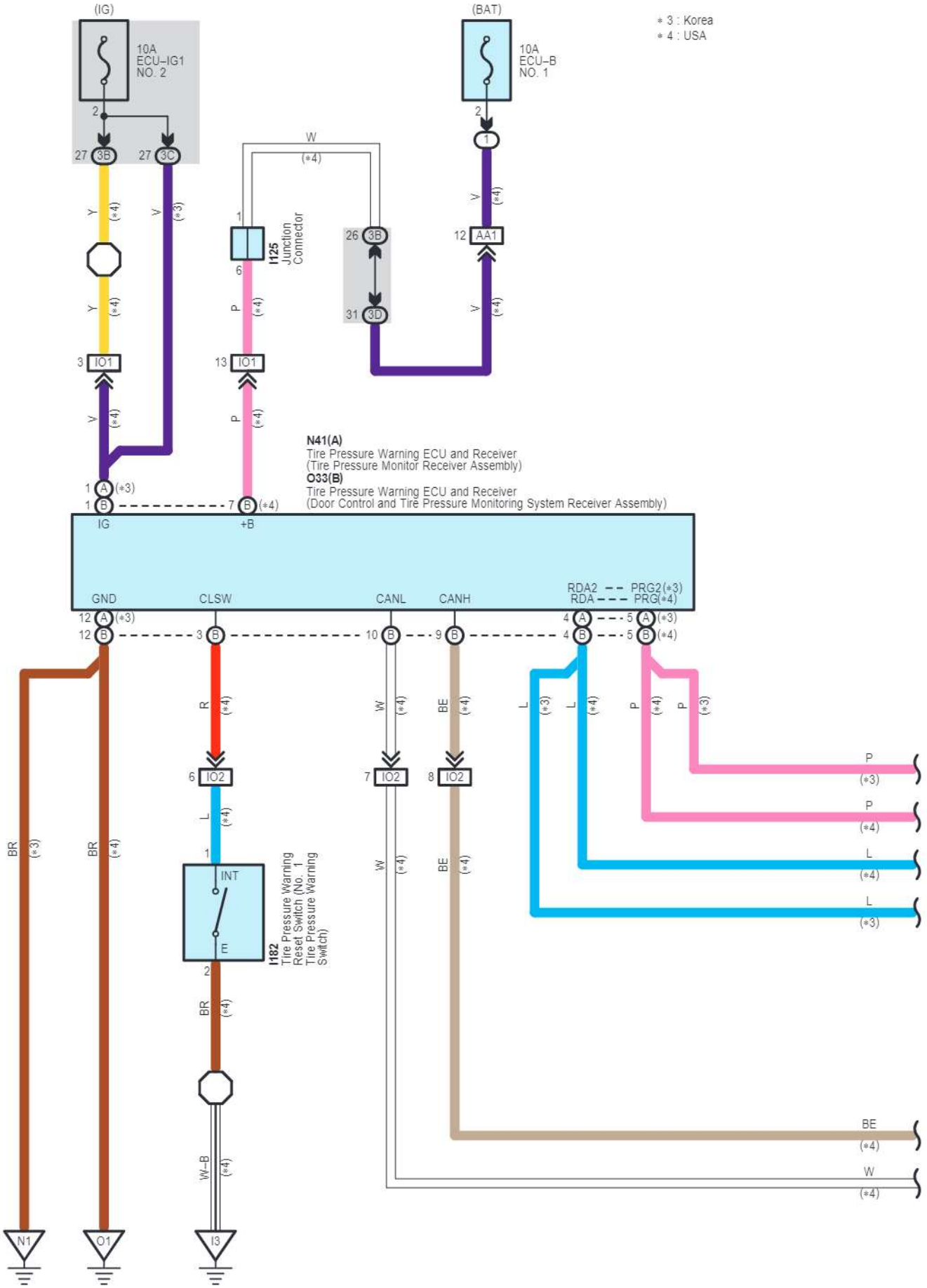
Kl1
White

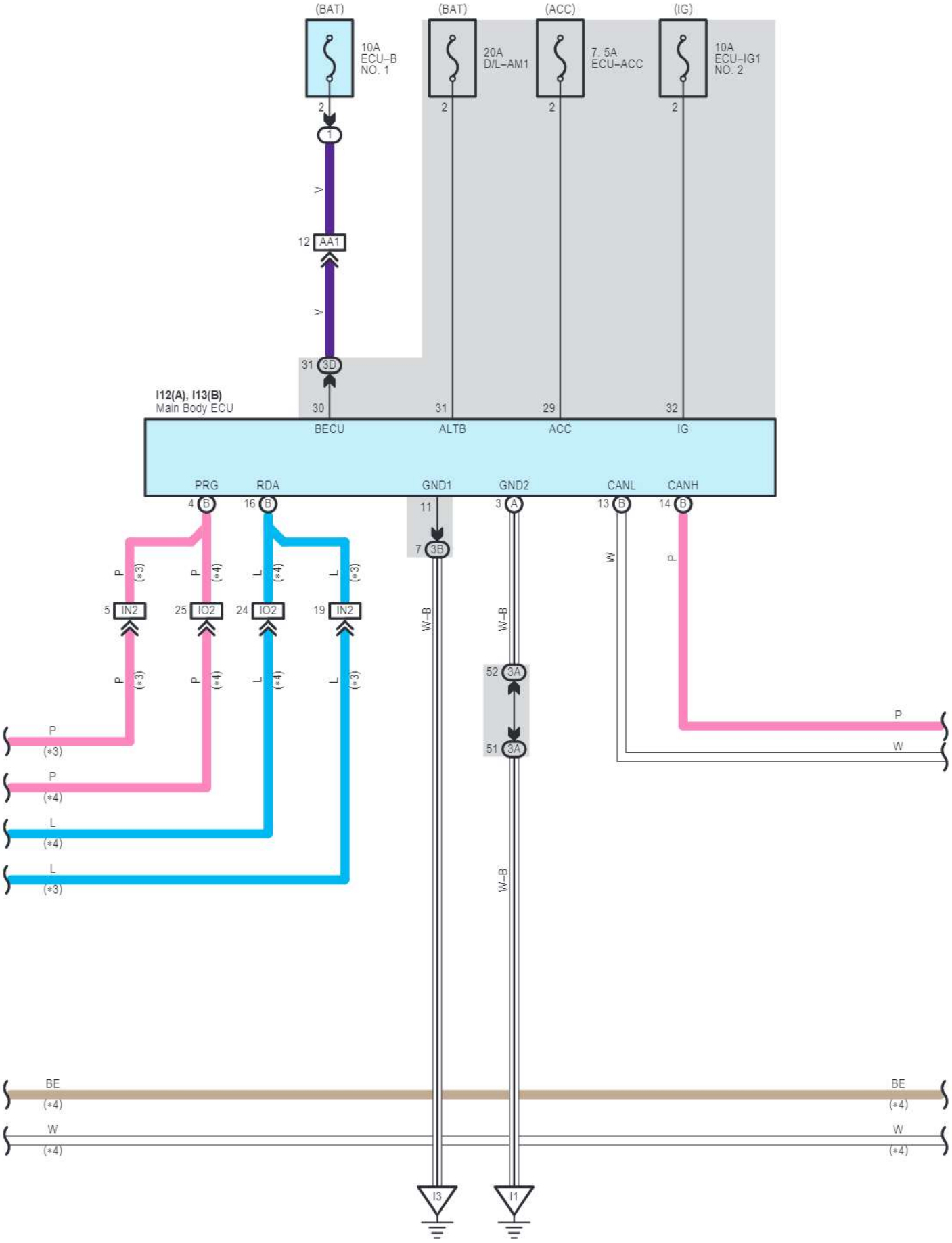


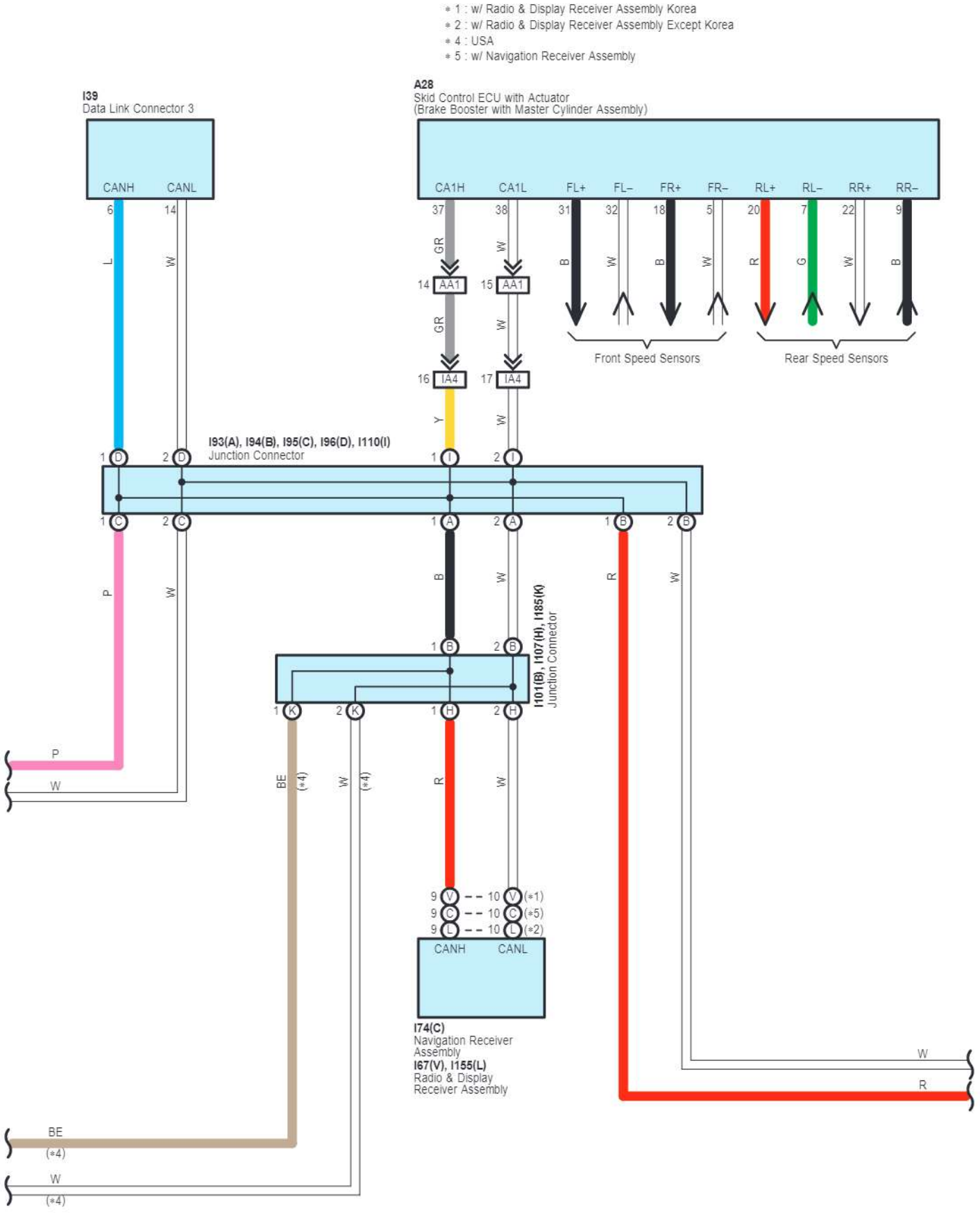
LO1
White

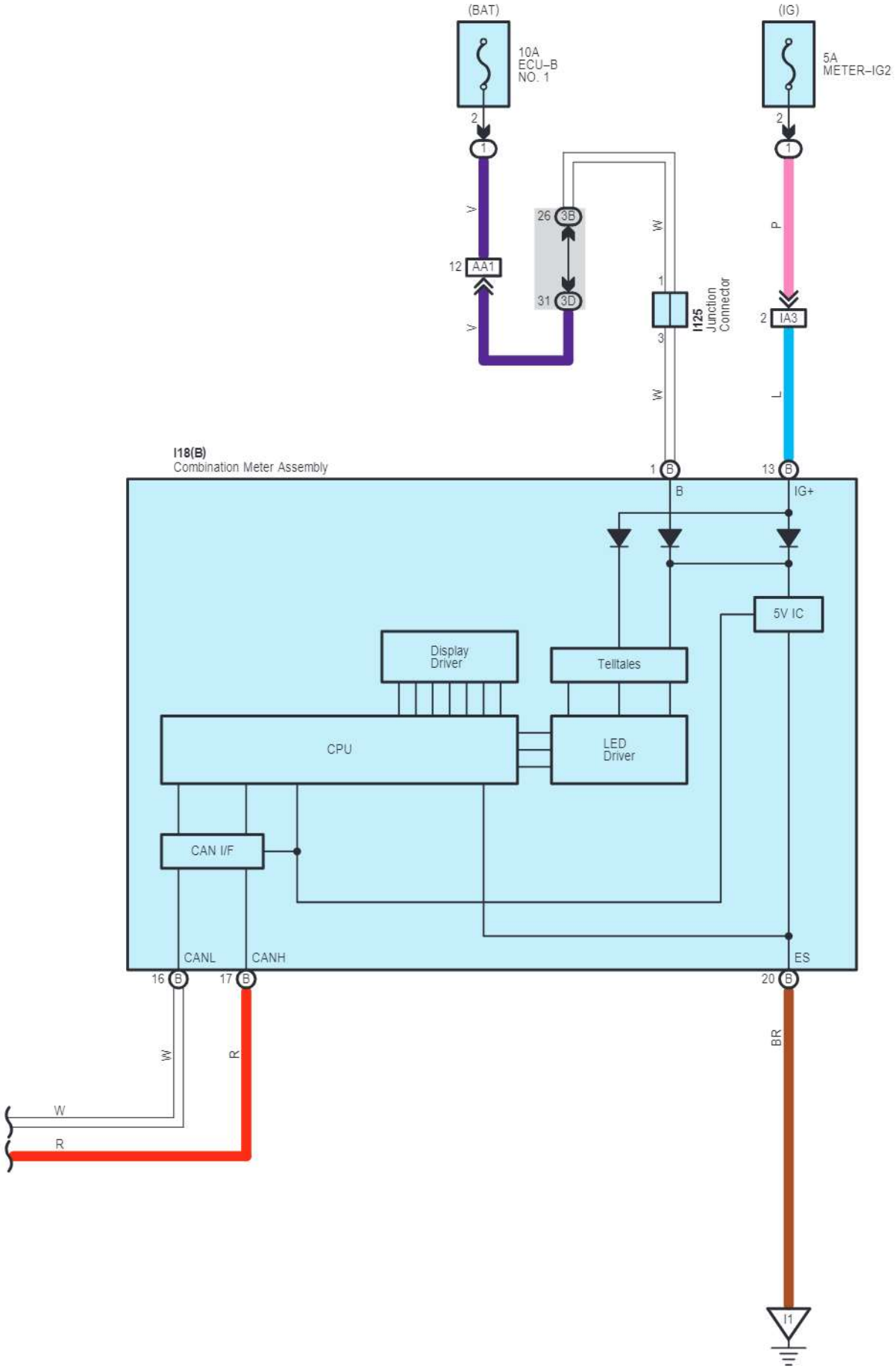



MN1
White
1 2 3 4 5 6 7 8 9 10 11 12 13
14 15 16 17 18 19 20 21 22 23 24 25
13 12 11 10 9 8 7 6 5 4 3 2 1
25 24 23 22 21 20 19 18 17 16 15 14
TN1
White
1 2 3 4 5 6
7 8 9 10 11 12
6 5 4 3 2 1
12 11 10 9 8 7
TO1
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

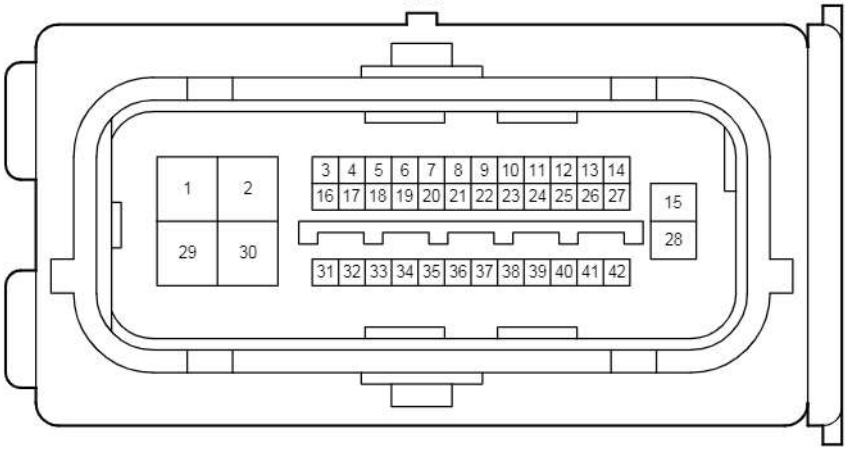

(IG)
10A
ECU-IG1
NO. 2
(BAT)
10A
ECU-B
NO. 1
* 3 : Korea
* 4 : USA
I125
Junction
Connector
N41(A)
Tire Pressure Warning ECU and Receiver
(Tire Pressure Monitor Receiver Assembly)
O33(B)
Tire Pressure Warning ECU and Receiver
(Door Control and Tire Pressure Monitoring System Receiver Assembly)
IG
+B
GND
CLSW
CANL
CANH
RDA2
PRG2(*3)
RDA
PRG(*4)
I182
Tire Pressure Warning
Reset Switch (No. 1
Tire Pressure Warning
Switch)
INT
E
N1
O1
I3


(BAT)
10A
ECU-B
NO. 1
(BAT)
20A
D/L-AM1
(ACC)
7. 5A
ECU-ACC
(IG)
10A
ECU-IG1
NO. 2
I12(A), I13(B)
Main Body ECU
BECU
ALTB
ACC
IG
PRG
RDA
GND1
GND2
CANL
CANH
IN2
IO2
IO2
IN2
W-B
W-B
W-B
BE
W
(*3)
(*4)
I3
I1

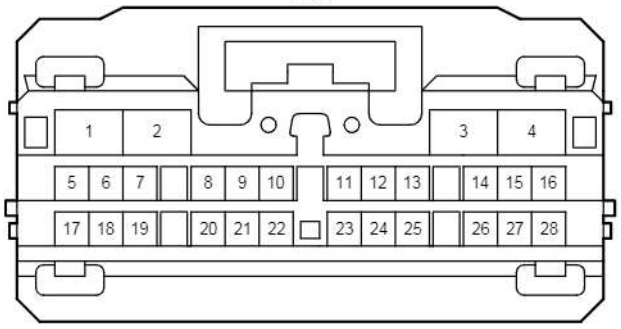

* 1 : w/ Radio & Display Receiver Assembly Korea
* 2 : w/ Radio & Display Receiver Assembly Except Korea
* 4 : USA
* 5 : w/ Navigation Receiver Assembly
I39
Data Link Connector 3
CANH
CANL
A28
Skid Control ECU with Actuator
(Brake Booster with Master Cylinder Assembly)
CA1H
CA1L
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
Front Speed Sensors
Rear Speed Sensors
AA1
IA4
I93(A), I94(B), I95(C), I96(D), I110(I)
Junction Connector
I101(B), I107(H), I185(K)
Junction Connector
I74(C)
Navigation Receiver
Assembly
I67(V), I155(L)
Radio & Display
Receiver Assembly
(*1)
(*2)
(*4)
(*5)


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

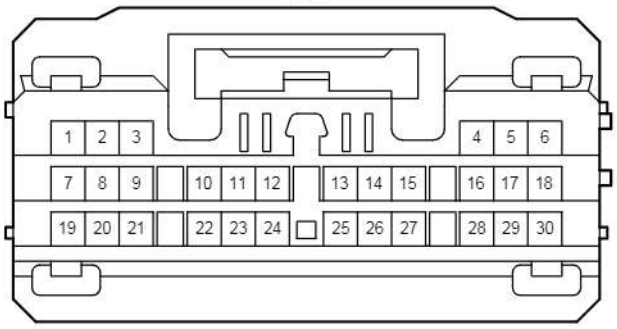
A 28
Black



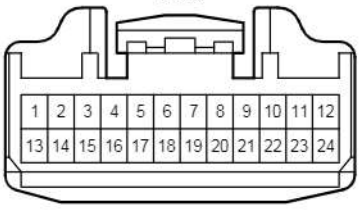
I 12
White



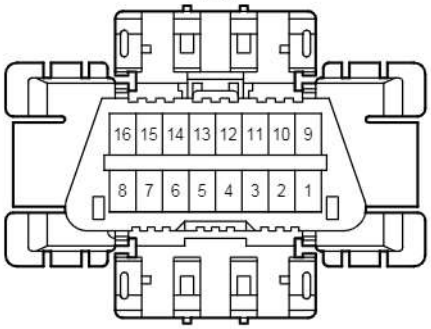
I 13
White



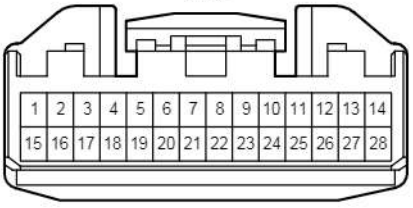
I 18
Black



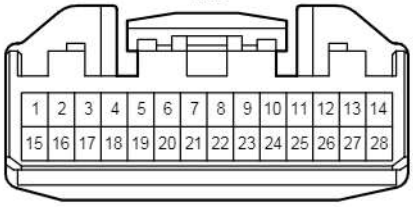
I 39
White



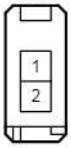
I 67
White



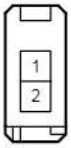
I 74
White



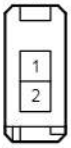
I 93
White



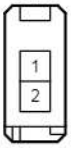
I 94
White



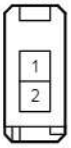
I 95
White



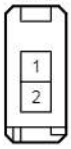
I 96
White



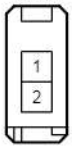
I101
White



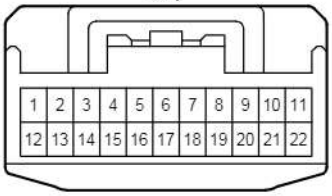
I107
White



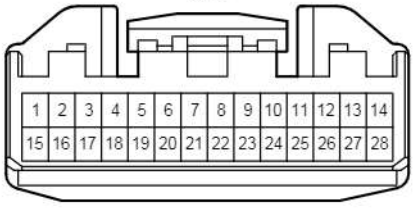
I110
White



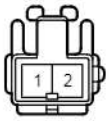
I125
Gray



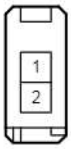
I155
White



I182
Black



I185
White



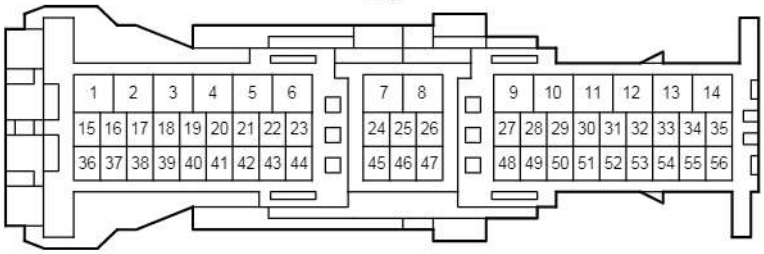
N 41
Black



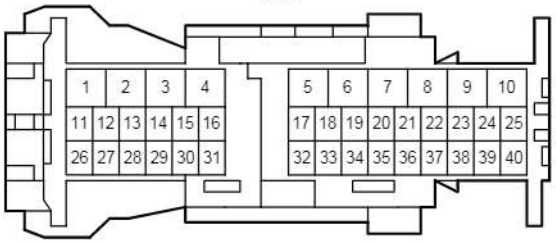
O 33
White



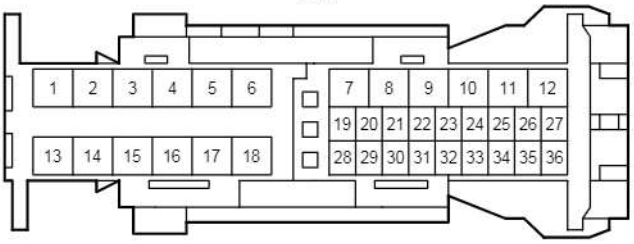
3A
White



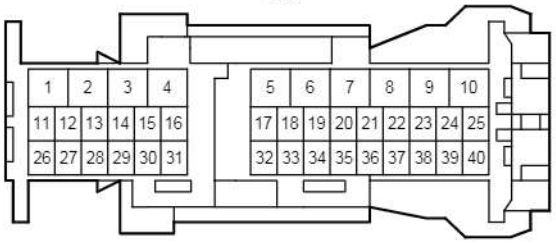
3B
White



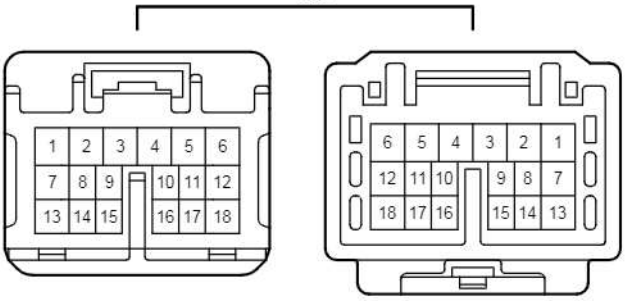
3C
White



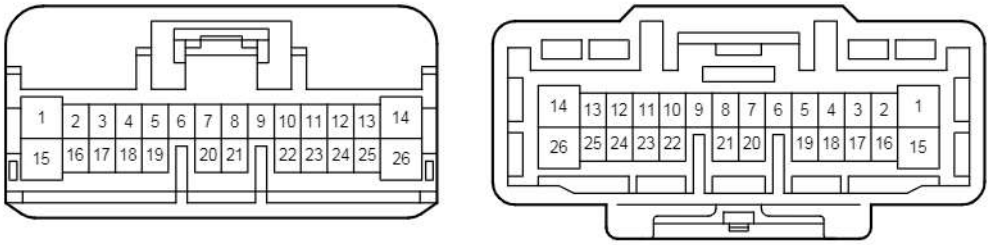
3D
White



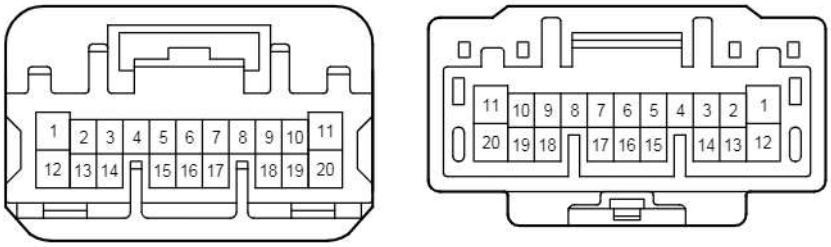
AA1
Blue



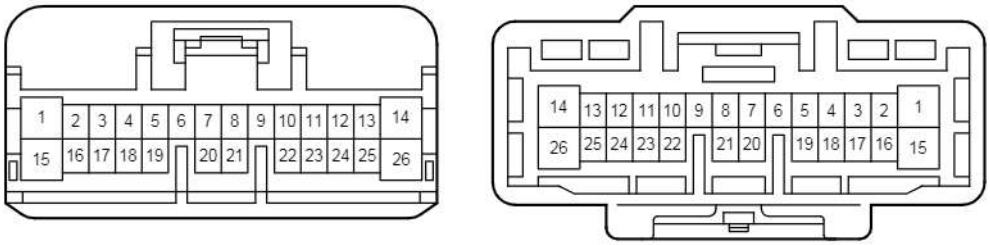
IA3
Blue



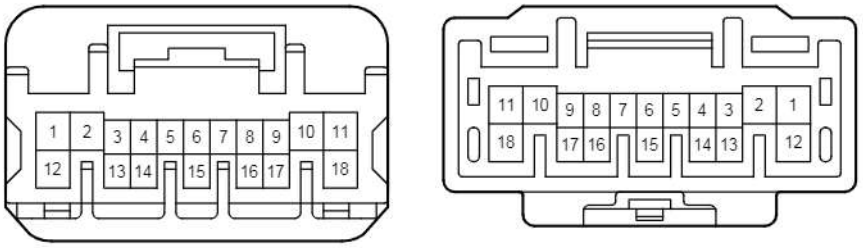
IA4
Gray



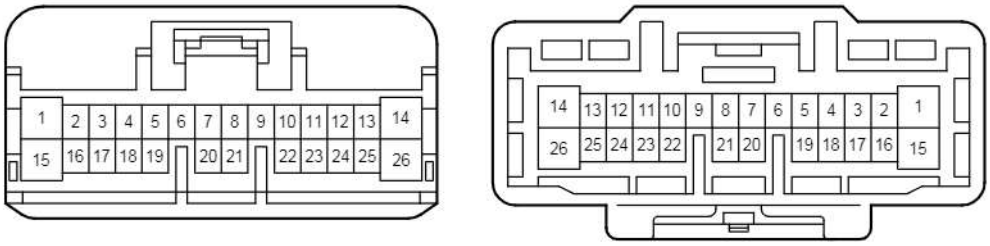
IN2
White

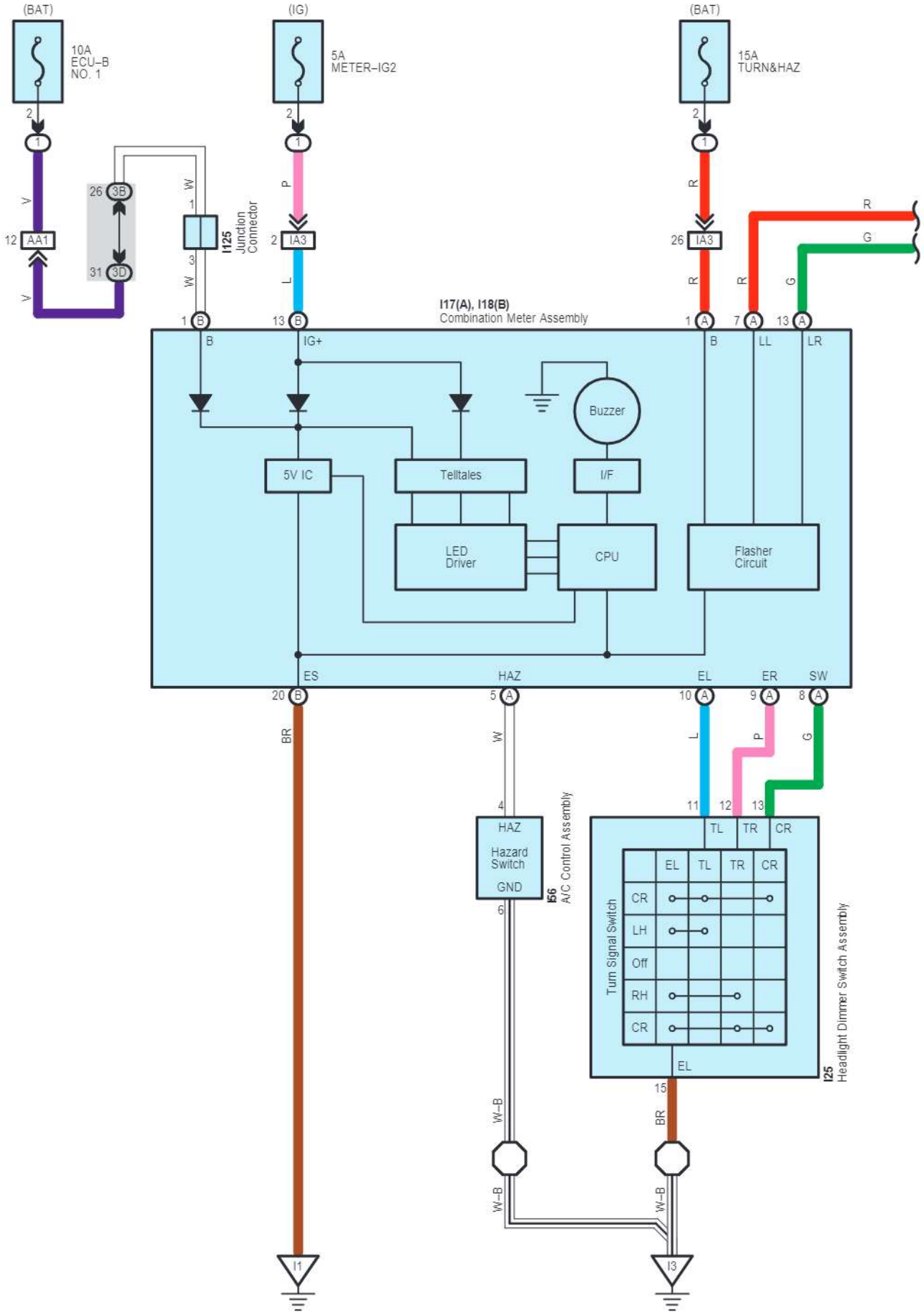


IO1
White

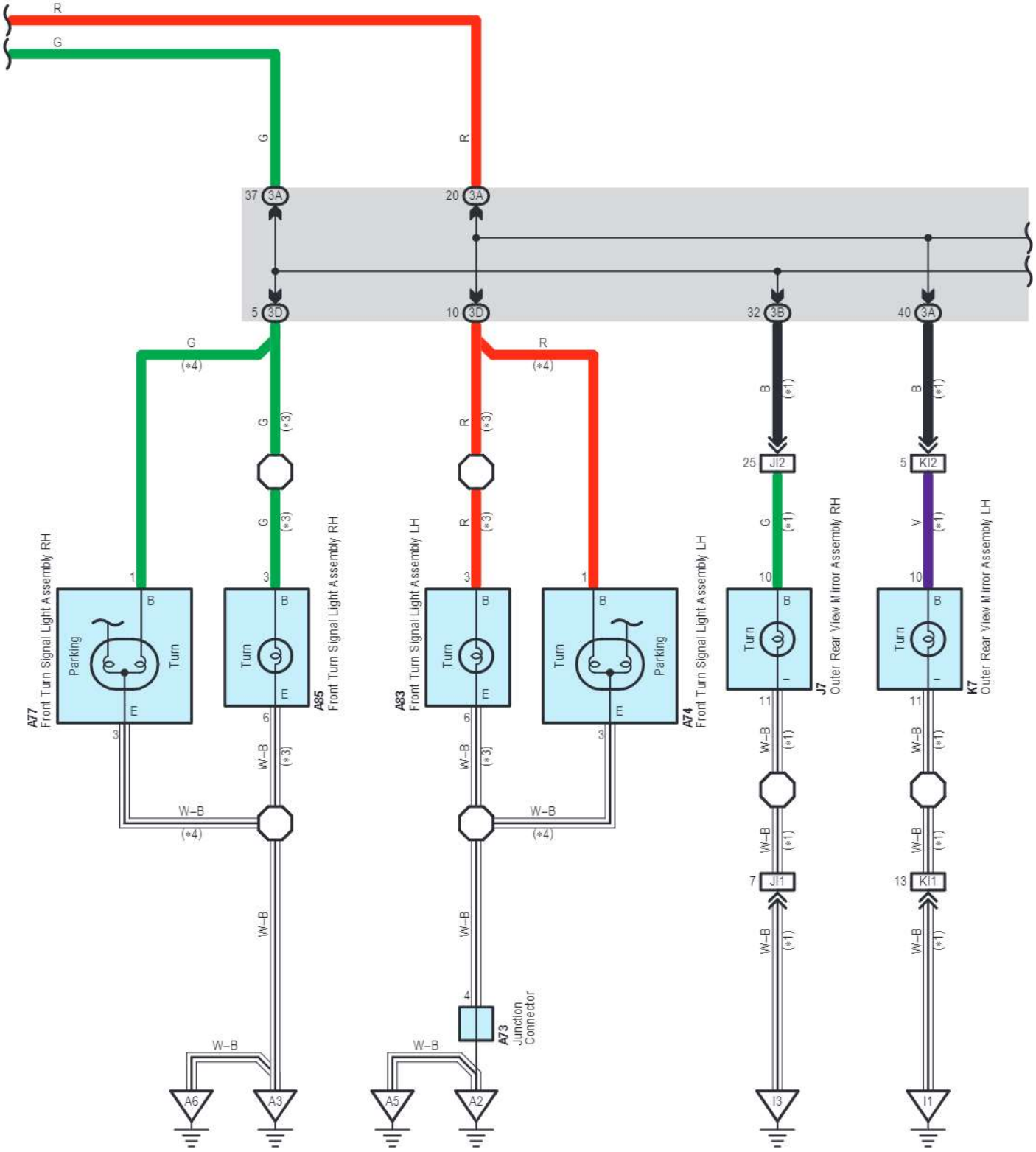


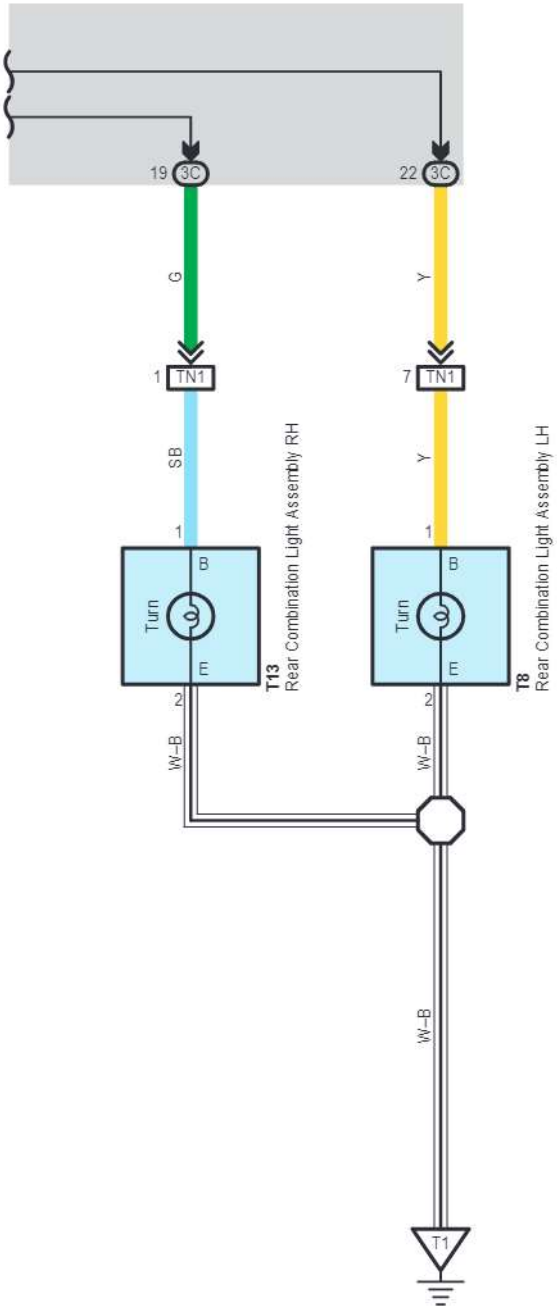
IO2
White




(BAT)
10A
ECU–B
NO. 1
(IG)
5A
METER–IG2
(BAT)
15A
TURN&HAZ
I125
Junction
Connector
I17(A), I18(B)
Combination Meter Assembly
B
IG+
LL
LR
Buzzer
5V IC
Telltales
I/F
LED
Driver
CPU
Flasher
Circuit
ES
HAZ
EL
ER
SW
HAZ
Hazard
Switch
GND
B6
A/C Control Assembly
TL
TR
CR
Turn Signal Switch
LH
Off
RH
I25
Headlight Dimmer Switch Assembly
W–B
I1
I3

* 1 : w/ Outer Rear View Mirror Side Turn Signal Light
* 3 : w/ LED Daytime Running Light
* 4 : w/o LED Daytime Running Light

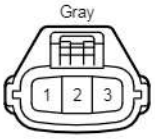



19
3C
22
3C
G
Y
1
TN1
7
TN1
SB
Y
1
1
B
Turn
E
T13
Rear Combination Light Assembly RH
B
Turn
E
T8
Rear Combination Light Assembly LH
2
2
W-B
W-B
W-B
T1

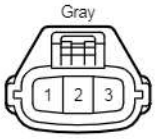
A 73
Gray



A 74
Gray



A 77
Gray



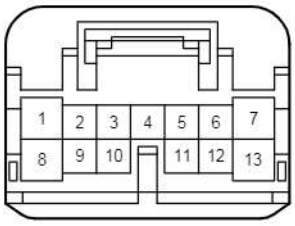
A 83
Black



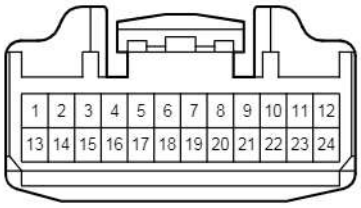
A 85
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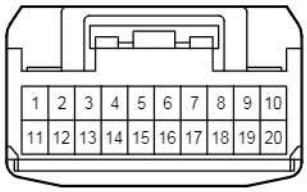
I 17
Black



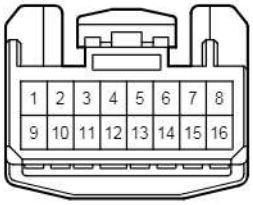
I 18
Black



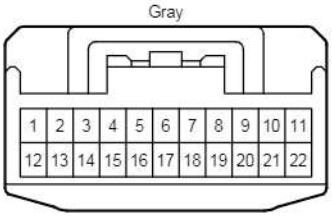
I 25
Black



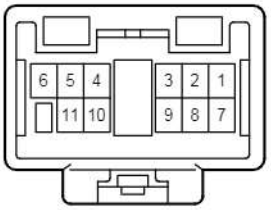
I 56
Black



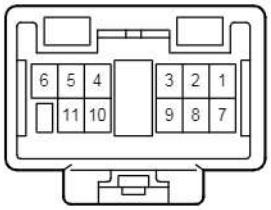
I125
Gray



J 7
White



K 7
White



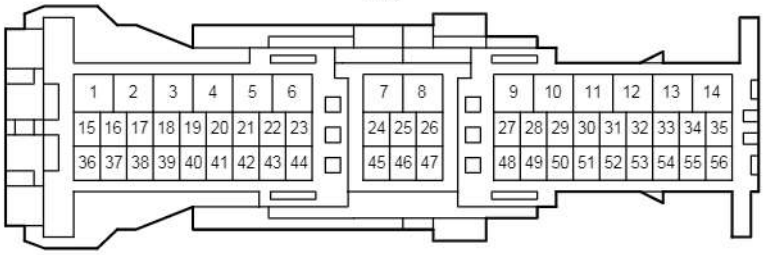
T 8
Gray



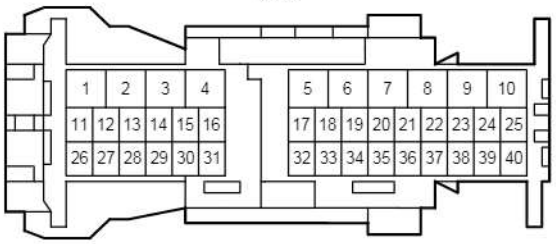
T 13
Gray



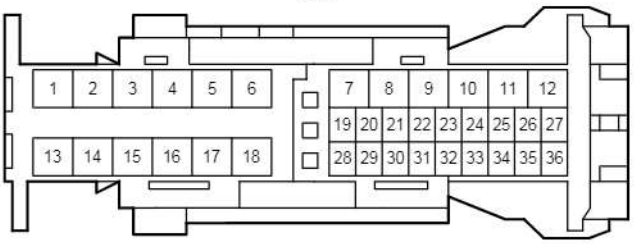
3A
White

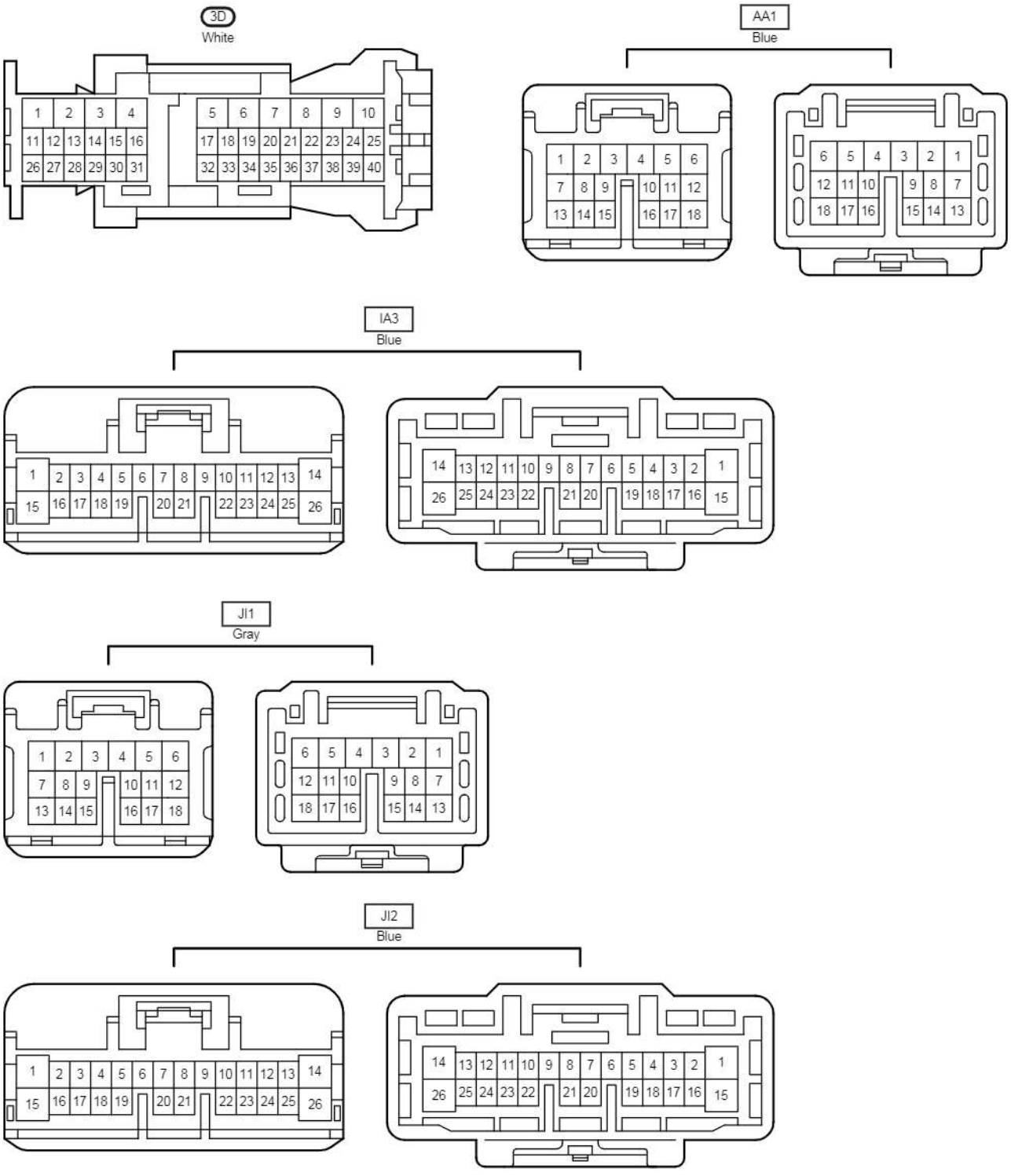


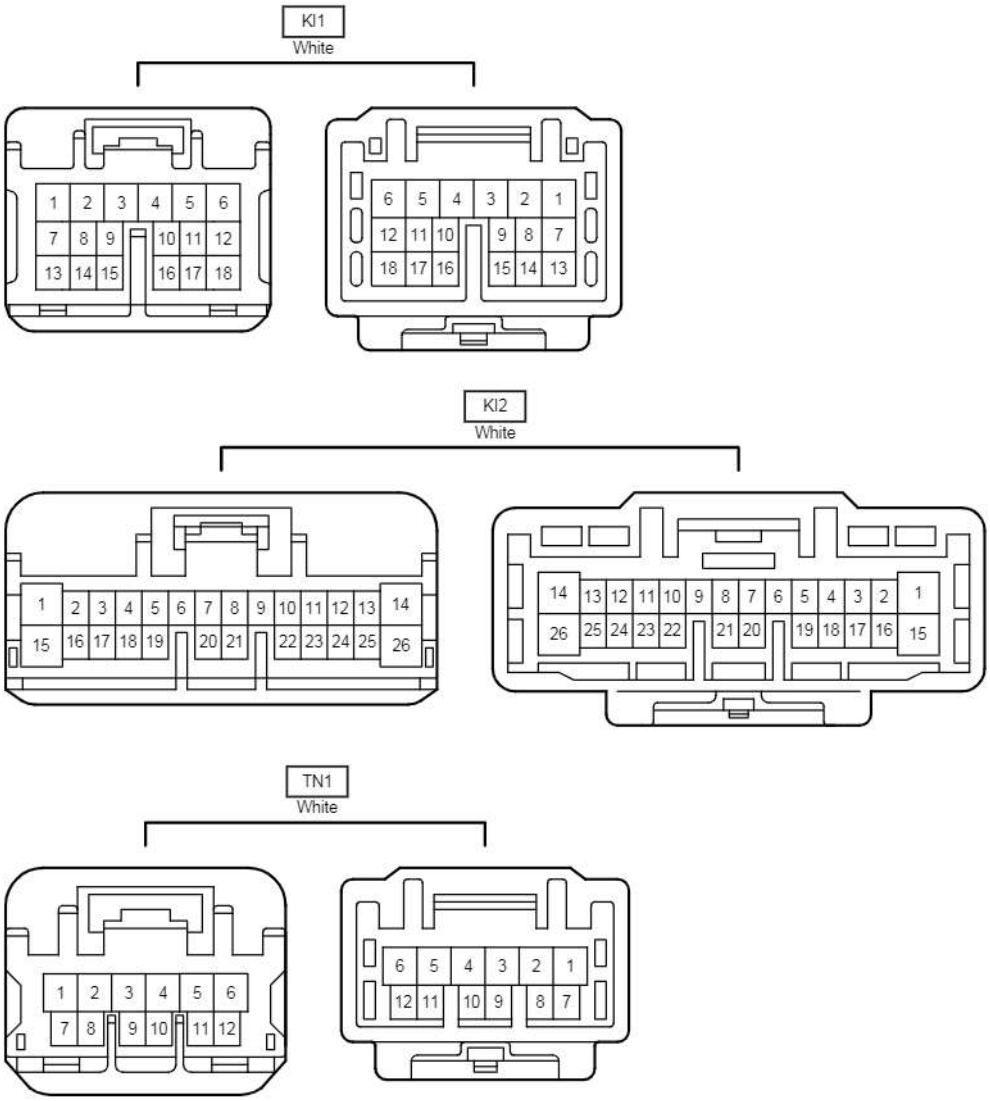
3B
White

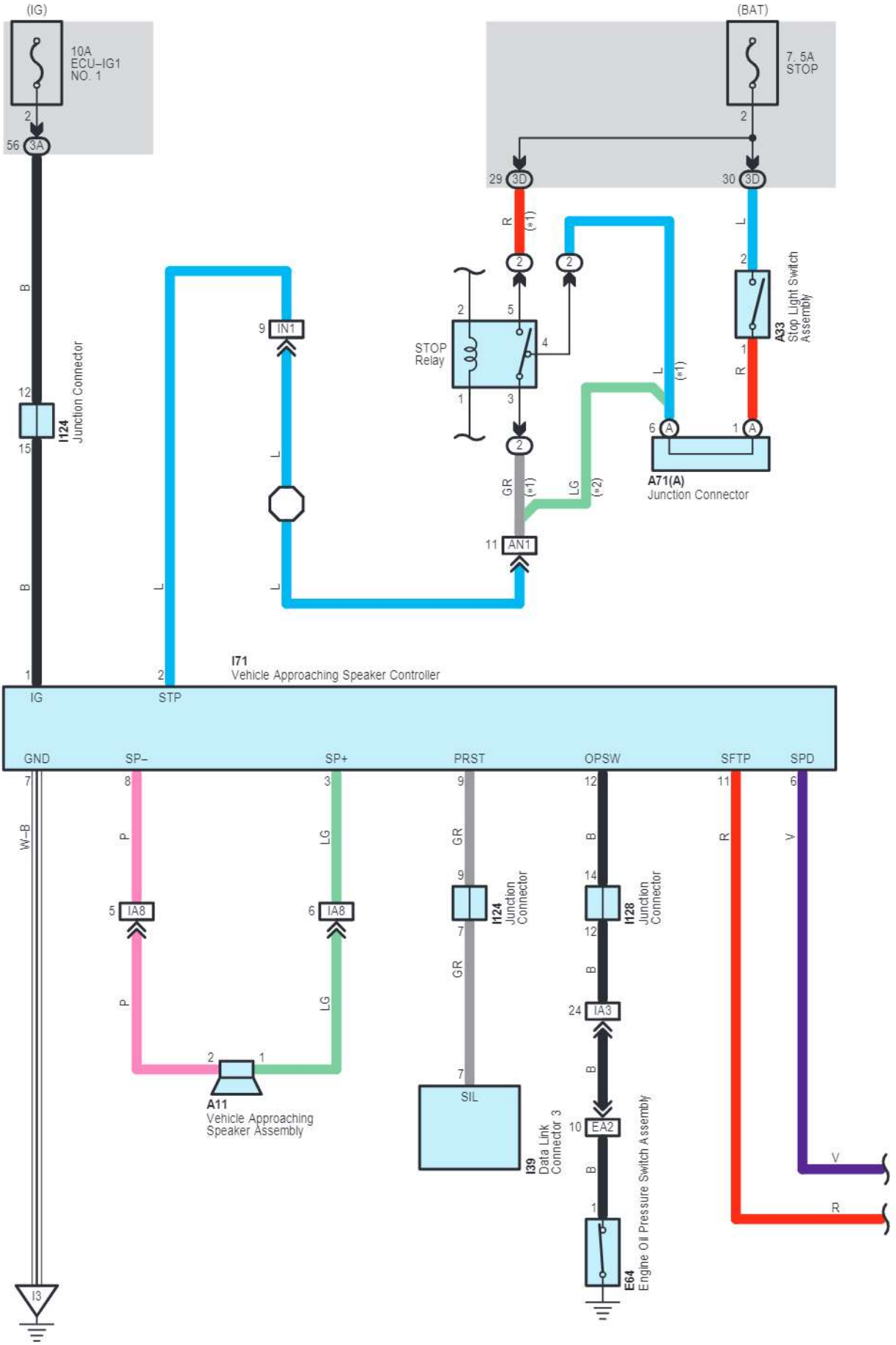


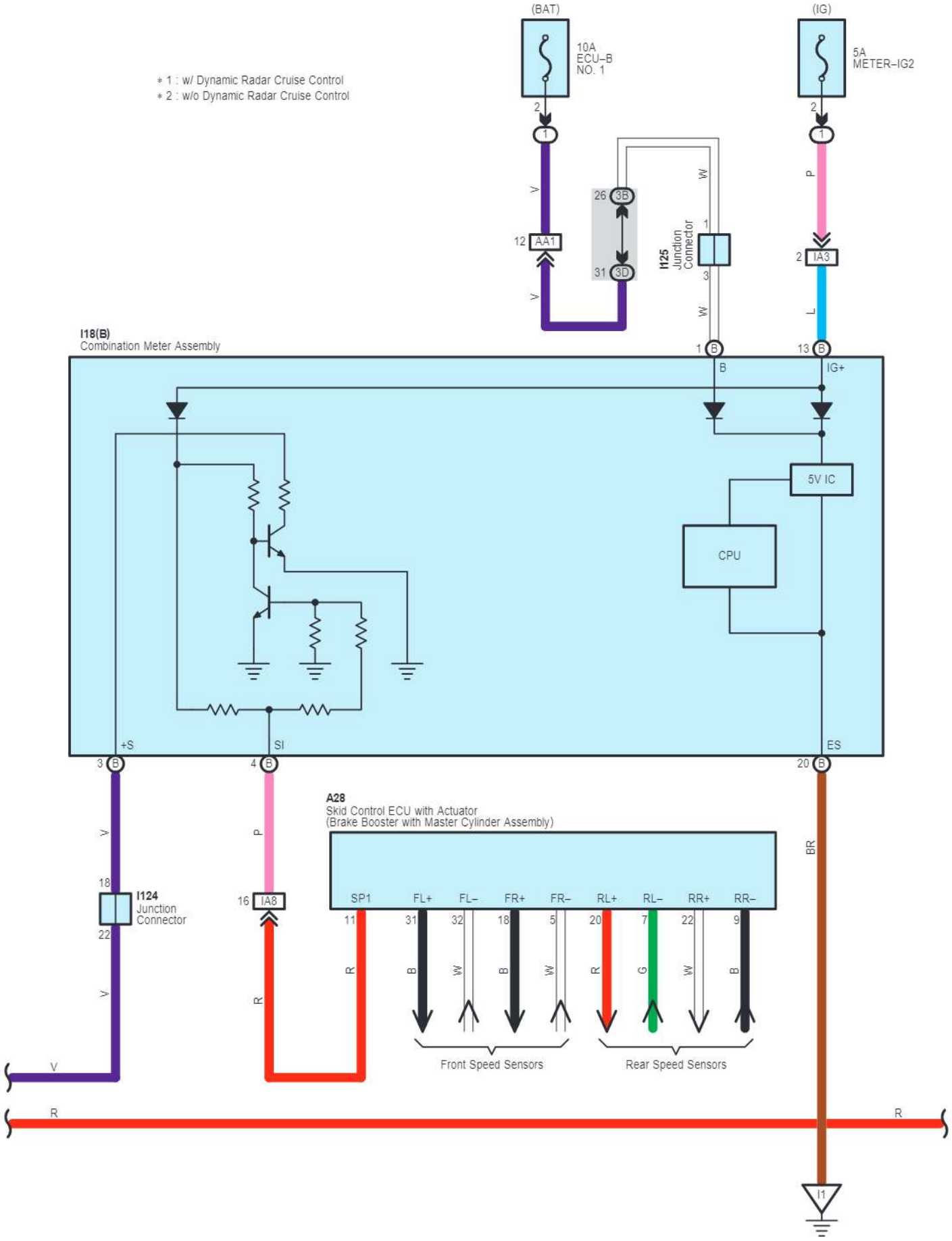
3C
White

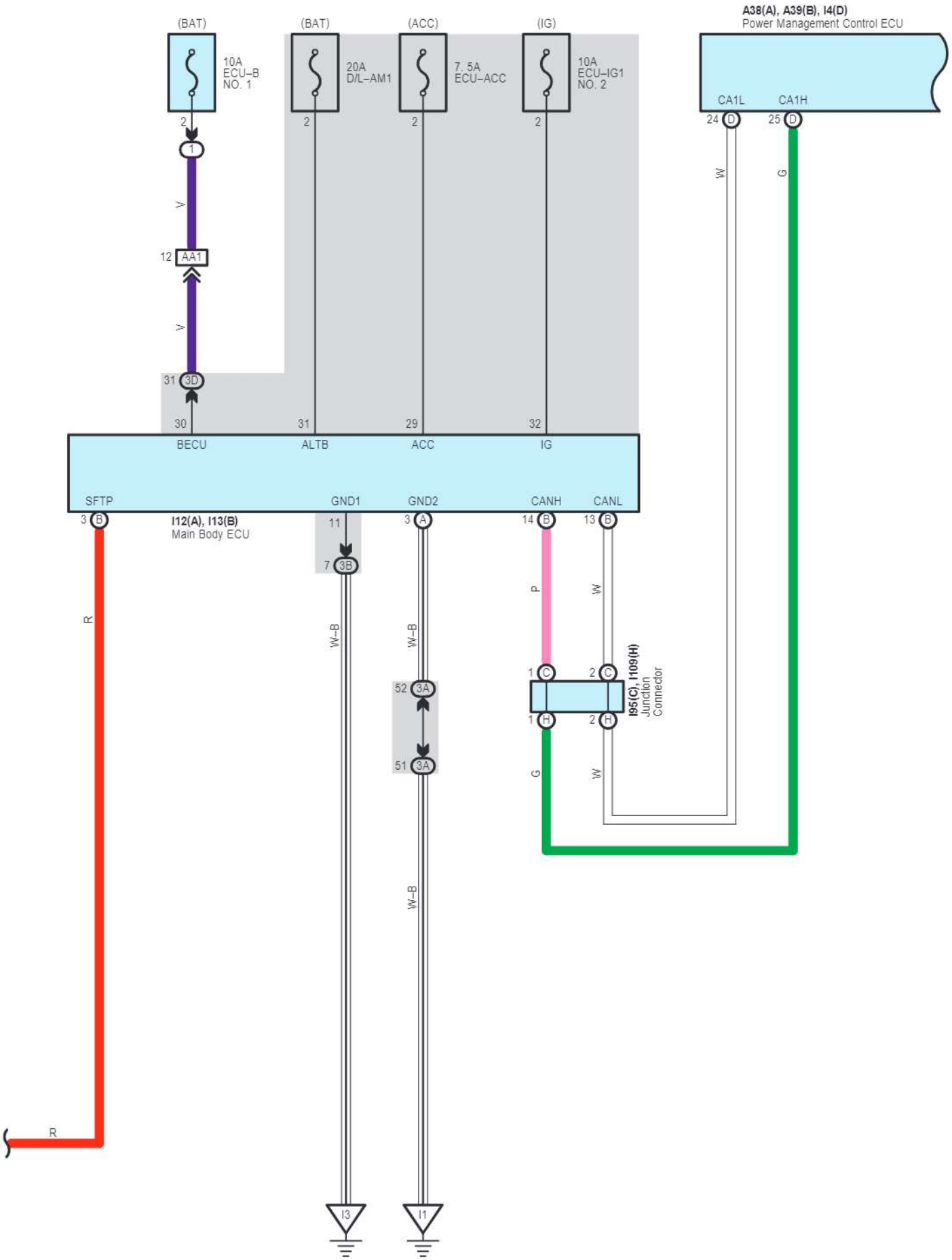


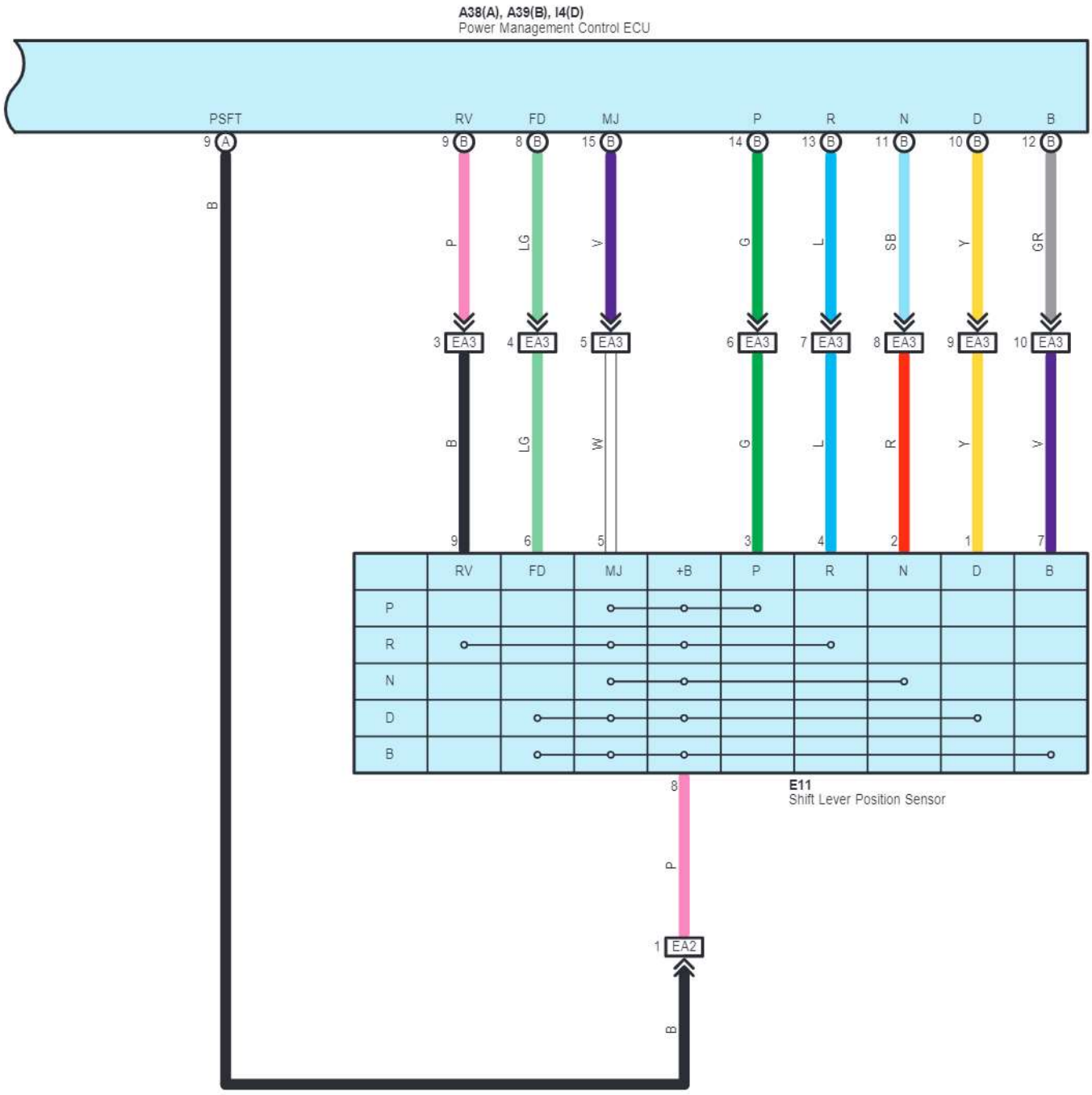

3D
White
1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18 19 20 21 22 23 24 25
26 27 28 29 30 31 32 33 34 35 36 37 38 39 40
AA1
Blue
1 2 3 4 5 6
7 8 9 10 11 12
13 14 15 16 17 18
6 5 4 3 2 1
12 11 10 9 8 7
18 17 16 15 14 13
IA3
Blue
1 2 3 4 5 6 7 8 9 10 11 12 13 14
15 16 17 18 19 20 21 22 23 24 25 26
14 13 12 11 10 9 8 7 6 5 4 3 2 1
26 25 24 23 22 21 20 19 18 17 16 15
JI1
Gray
1 2 3 4 5 6
7 8 9 10 11 12
13 14 15 16 17 18
6 5 4 3 2 1
12 11 10 9 8 7
18 17 16 15 14 13
JI2
Blue
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
14 13 12 11 10 9 8 7 6 5 4 3 2 1
26 25 24 23 22 21 20 19 18 17 16 15


KI1
White
1 2 3 4 5 6
7 8 9 10 11 12
13 14 15 16 17 18
6 5 4 3 2 1
12 11 10 9 8 7
18 17 16 15 14 13
KI2
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
14 13 12 11 10 9 8 7 6 5 4 3 2 1
26 25 24 23 22 21 20 19 18 17 16 15
TN1
White
1 2 3 4 5 6
7 8 9 10 11 12
6 5 4 3 2 1
12 11 10 9 8 7


(IG)
10A
ECU–IG1
NO. 1
(BAT)
7. 5A
STOP
I124
Junction Connector
STOP
Relay
A33
Stop Light Switch
Assembly
A71(A)
Junction Connector
I71
Vehicle Approaching Speaker Controller
IG
STP
GND
SP–
SP+
PRST
OPSW
SFTP
SPD
A11
Vehicle Approaching
Speaker Assembly
I124
Junction
Connector
I128
Junction
Connector
SIL
I39
Data Link
Connector 3
E64
Engine Oil Pressure Switch Assembly
I3


* 1 : w/ Dynamic Radar Cruise Control
* 2 : w/o Dynamic Radar Cruise Control
(BAT)
10A
ECU-B
NO. 1
(IG)
5A
METER-IG2
I18(B)
Combination Meter Assembly
I125
Junction
Connector
I124
Junction
Connector
A28
Skid Control ECU with Actuator
(Brake Booster with Master Cylinder Assembly)
5V IC
CPU
+S
SI
ES
B
IG+
SP1
FL+
FL-
FR+
FR-
RL+
RL-
RR+
RR-
Front Speed Sensors
Rear Speed Sensors
I1

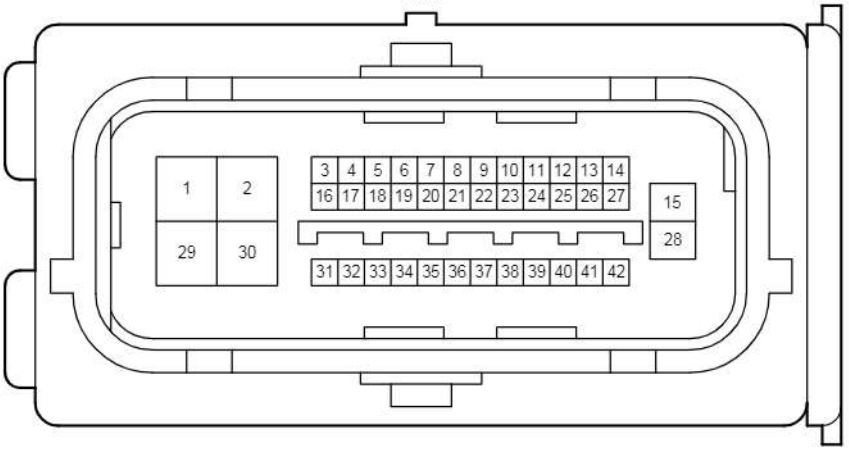

(BAT)
10A
ECU–B
NO. 1
(BAT)
20A
D/L–AM1
(ACC)
7. 5A
ECU–ACC
(IG)
10A
ECU–IG1
NO. 2
A38(A), A39(B), I4(D)
Power Management Control ECU
CA1L
CA1H
24 D
25 D
W
G
2
1
V
12 AA1
V
31 3D
30
31
29
32
BECU
ALTB
ACC
IG
SFTP
GND1
GND2
CANH
CANL
3 B
I12(A), I13(B)
Main Body ECU
11
7 3B
3 A
14 B
13 B
R
W–B
W–B
P
W
1 C
2 C
52 3A
51 3A
I95(C), I109(H)
Junction
Connector
1 H
2 H
G
W
W–B
R
I3
I1


A38(A), A39(B), I4(D)
Power Management Control ECU
PSFT
RV
FD
MJ
P
R
N
D
B
9 A
9 B
8 B
15 B
14 B
13 B
11 B
10 B
12 B
B
P
LG
V
G
L
SB
Y
GR
3 EA3
4 EA3
5 EA3
6 EA3
7 EA3
8 EA3
9 EA3
10 EA3
B
LG
W
G
L
R
Y
V
9
6
5
3
4
2
1
7
RV
FD
MJ
+B
P
R
N
D
B
P
R
N
D
B
E11
Shift Lever Position Sensor
8
P
1 EA2
B

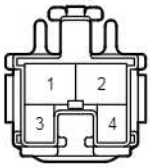
A 11
Black



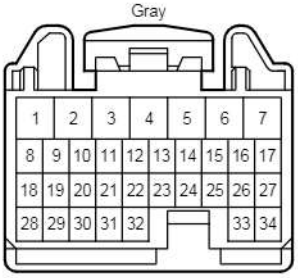
A 28
Black



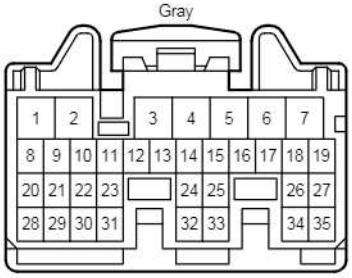
A 33
White



A 38
Gray



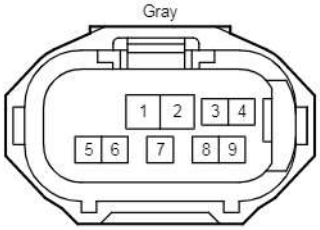
A 39
Gray



A 71
Gray



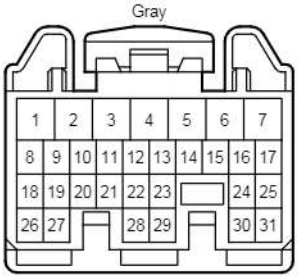
E 11
Gray



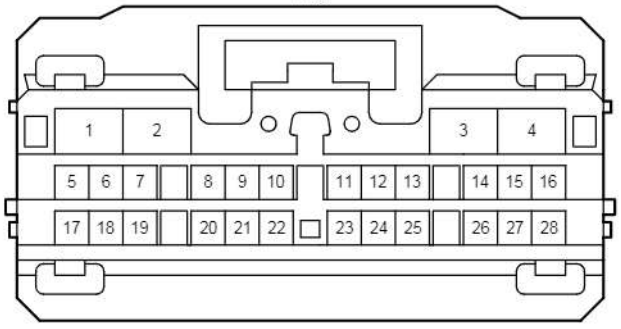
E 64
Gray



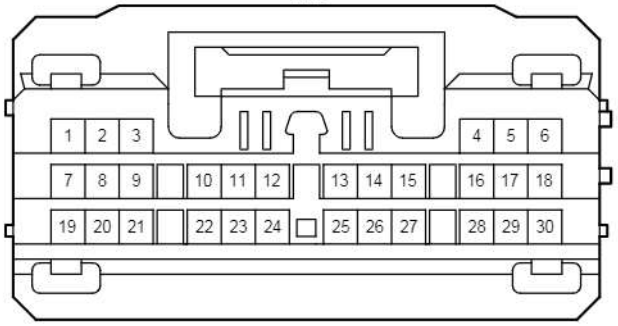
I 4
Gray



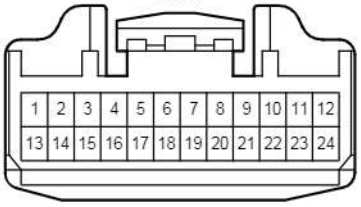
I 12
White



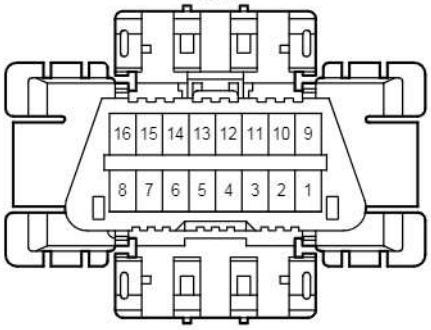
I 13
White



I 18
Black



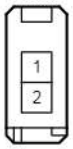
I 39
White



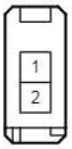
I 71
Black



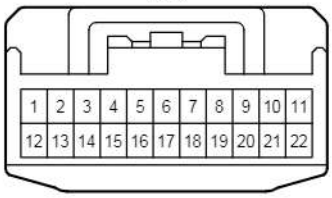
I 95
White



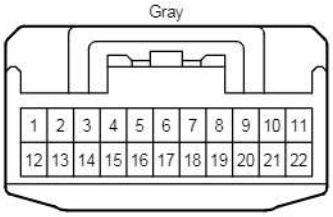
I109
White



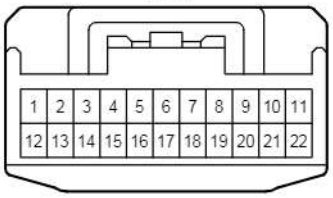
I124
White



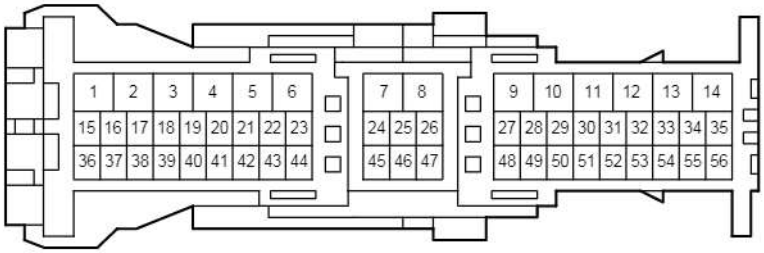
I125
Gray



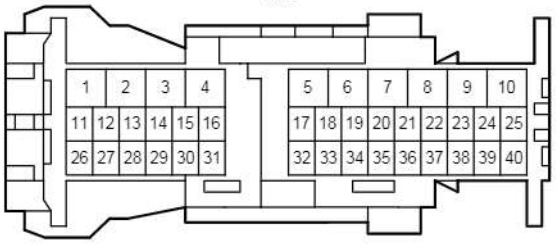
I128
White



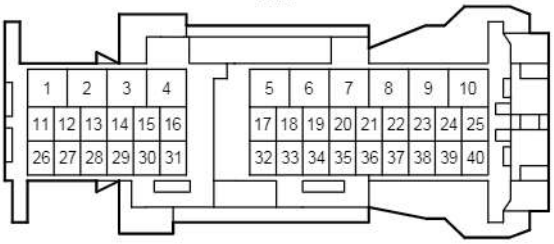
3A
White



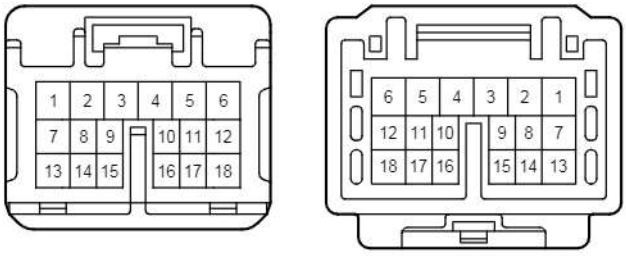
3B
White



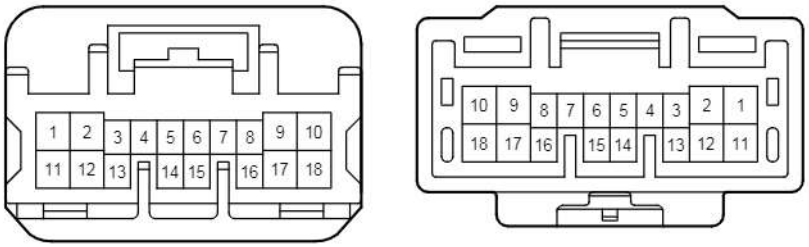
3D
White



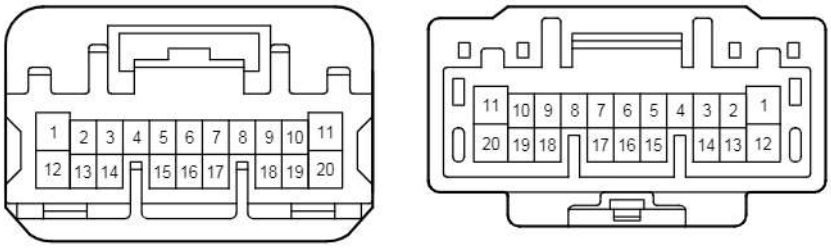
AA1
Blue



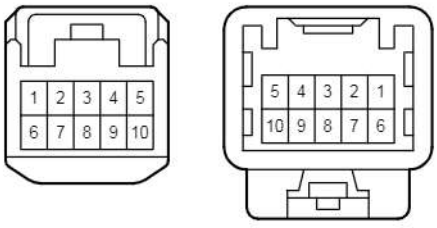
AN1
White



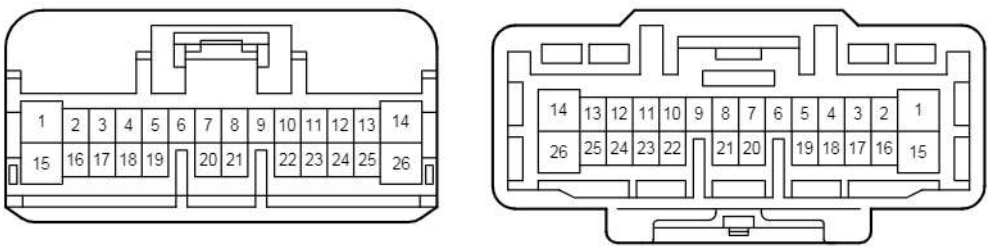
EA2
White

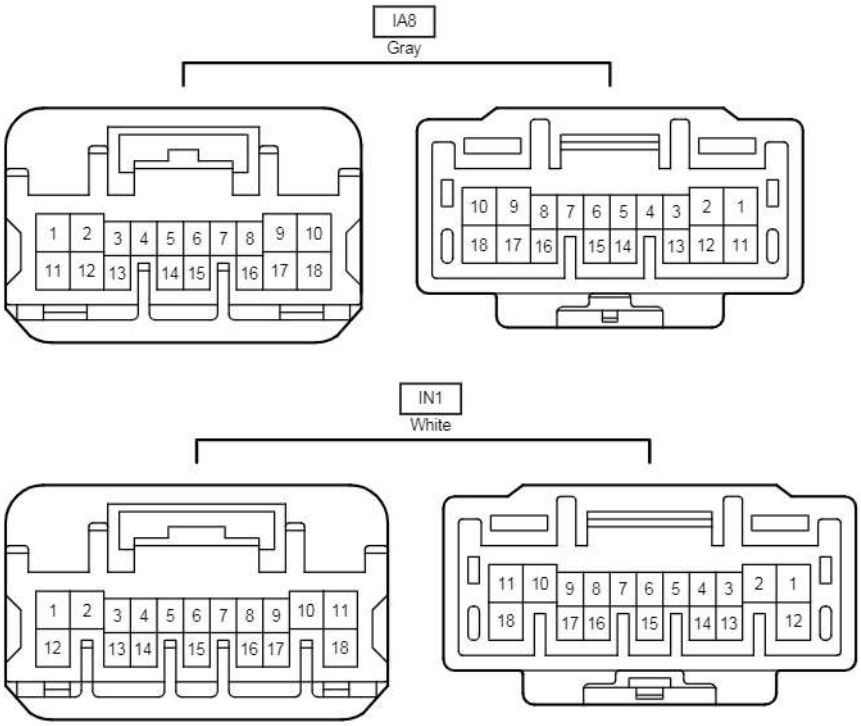


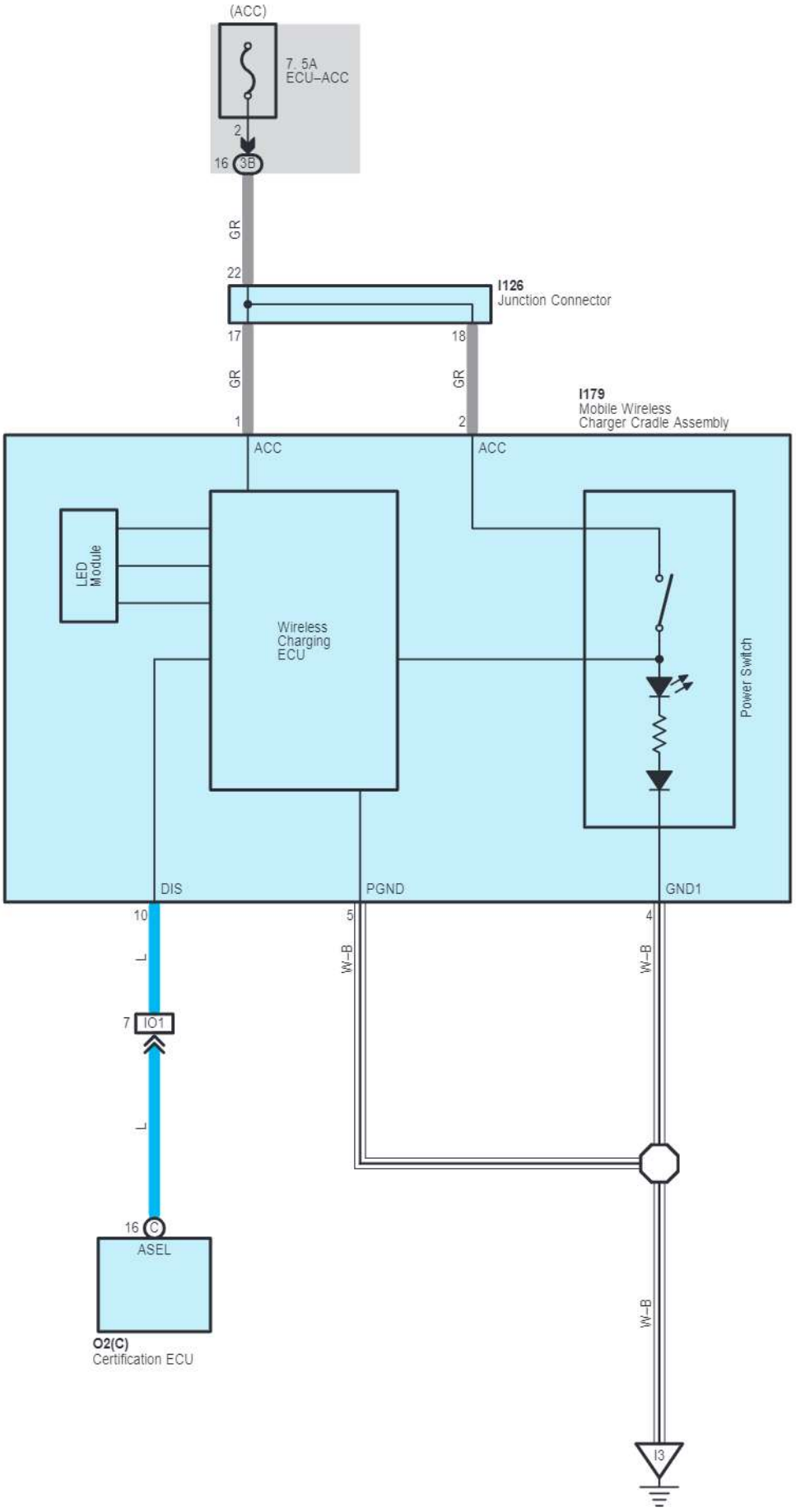
EA3
White



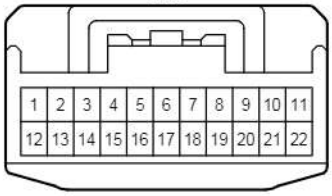
IA3
Blue



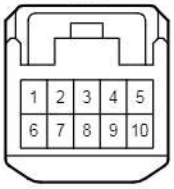

IA8
Gray
1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18
10 9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11
IN1
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18
11 10 9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12


(ACC)
7.5A
ECU-ACC
2
16 3B
GR
22
I126
Junction Connector
17
18
GR
GR
1
2
I179
Mobile Wireless
Charger Cradle Assembly
ACC
ACC
LED
Module
Wireless
Charging
ECU
Power Switch
DIS
PGND
GND1
10
5
4
L
W-B
W-B
7 IO1
L
16 C
ASEL
O2(C)
Certification ECU
W-B
I3

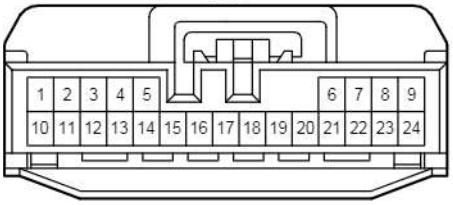
I126
White



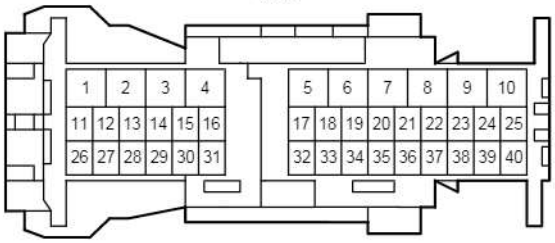
I179
White



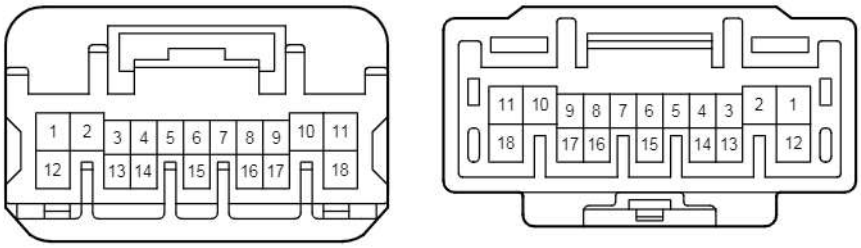
O 2
White

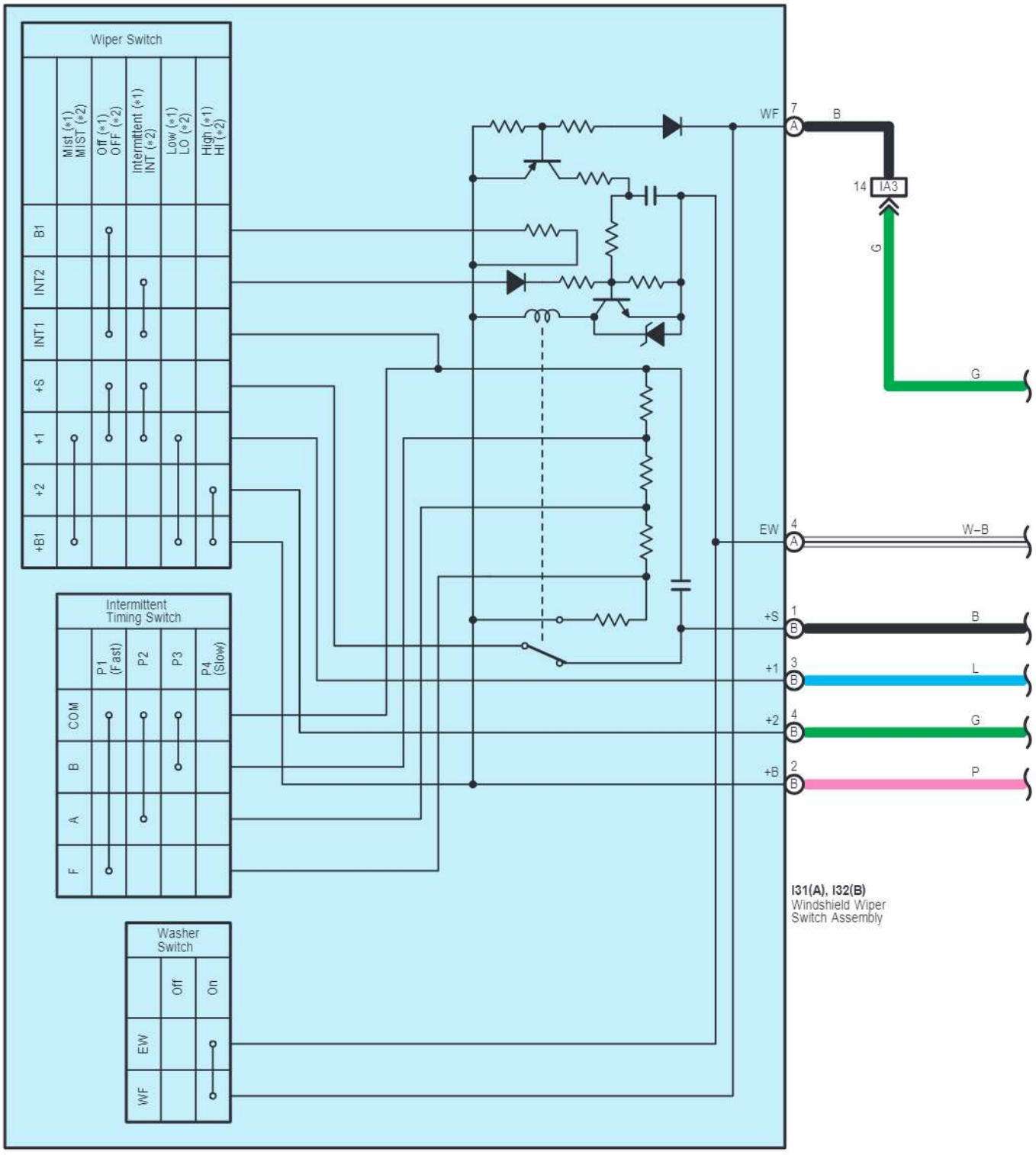


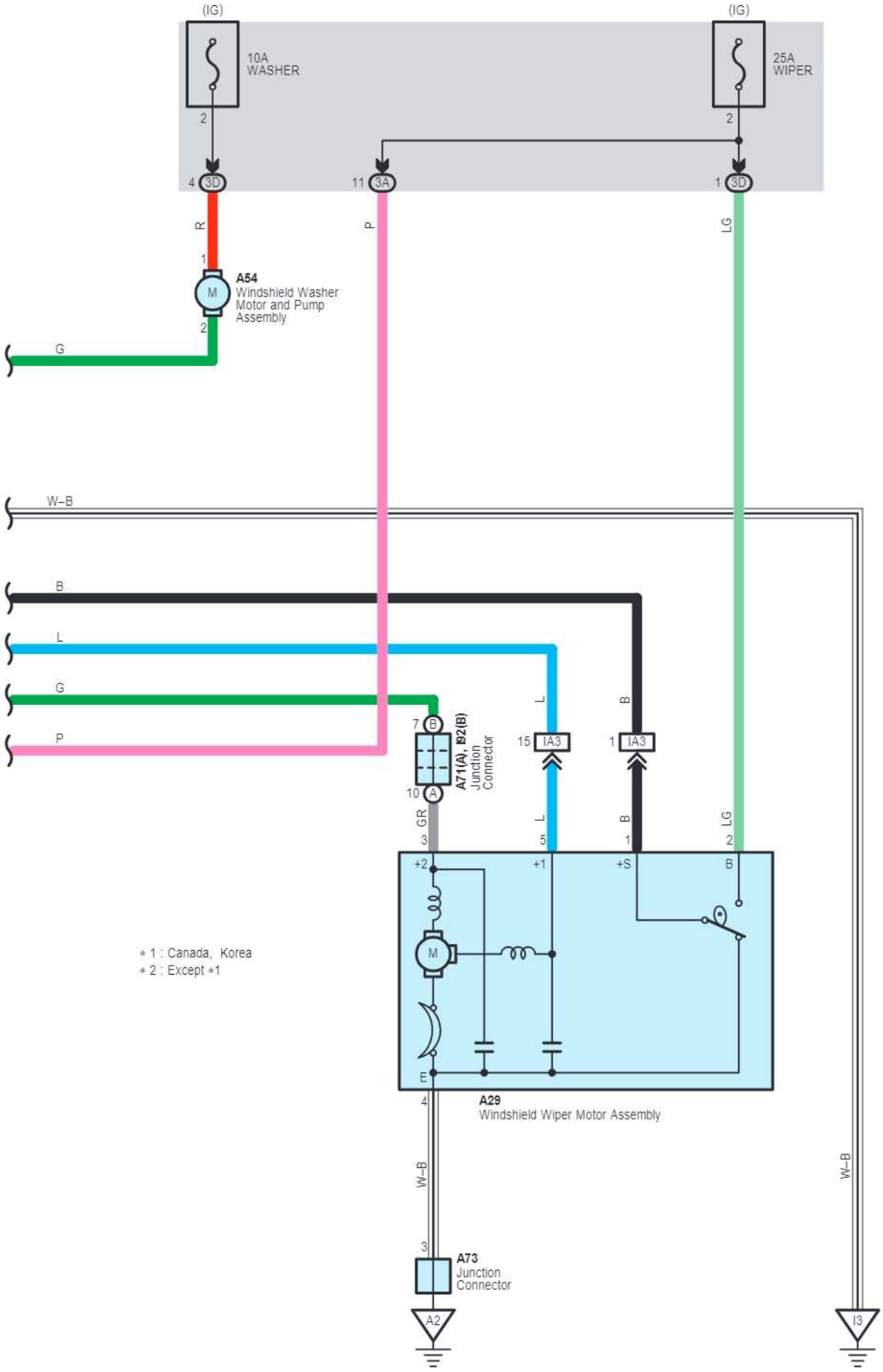
3B
White



IO1
White




Wiper Switch
Mist (*1) MIST (*2)
Off (*1) OFF (*2)
Intermittent (*1) INT (*2)
Low (*1) LO (*2)
High (*1) HI (*2)
B1
INT2
INT1
+S
+1
+2
+B1
Intermittent Timing Switch
P1 (Fast)
P2
P3
P4 (Slow)
COM
B
A
F
Washer Switch
Off
On
EW
WF
WF
7
A
B
14
IA3
G
G
EW
4
A
W–B
+S
1
B
B
+1
3
B
L
+2
4
B
G
+B
2
B
P
I31(A), I32(B)
Windshield Wiper Switch Assembly


(IG)
10A
WASHER
(IG)
25A
WIPER
2
2
4 3D
11 3A
1 3D
R
P
LG
1
A54
Windshield Washer
Motor and Pump
Assembly
2
G
W–B
B
L
G
P
7 B
10 A
A71(A), B2(B)
Junction
Connector
15 IA3
1 IA3
L
B
GR
3
L
5
B
1
LG
2
+2
+1
+S
B
M
E
* 1 : Canada, Korea
* 2 : Except *1
A29
Windshield Wiper Motor Assembly
4
W–B
3
A73
Junction
Connector
A2
W–B
I3

A 29
Black



A 54
Gray



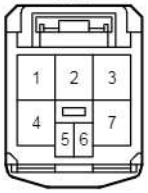
A 71
Gray



A 73
Gray



I 31
White



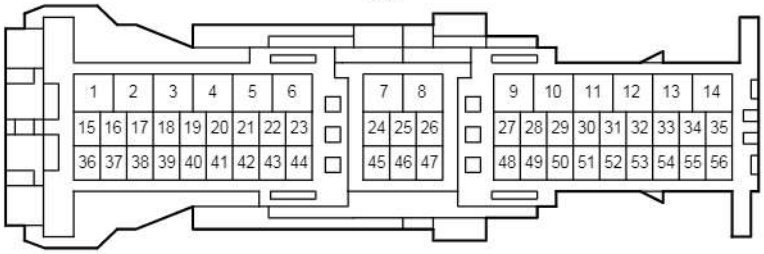
I 32
White



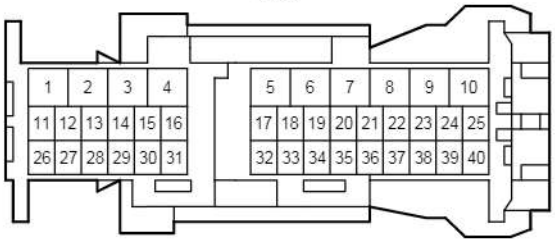
I 92
Gray



3A
White



3D
White



IA3
Blue

