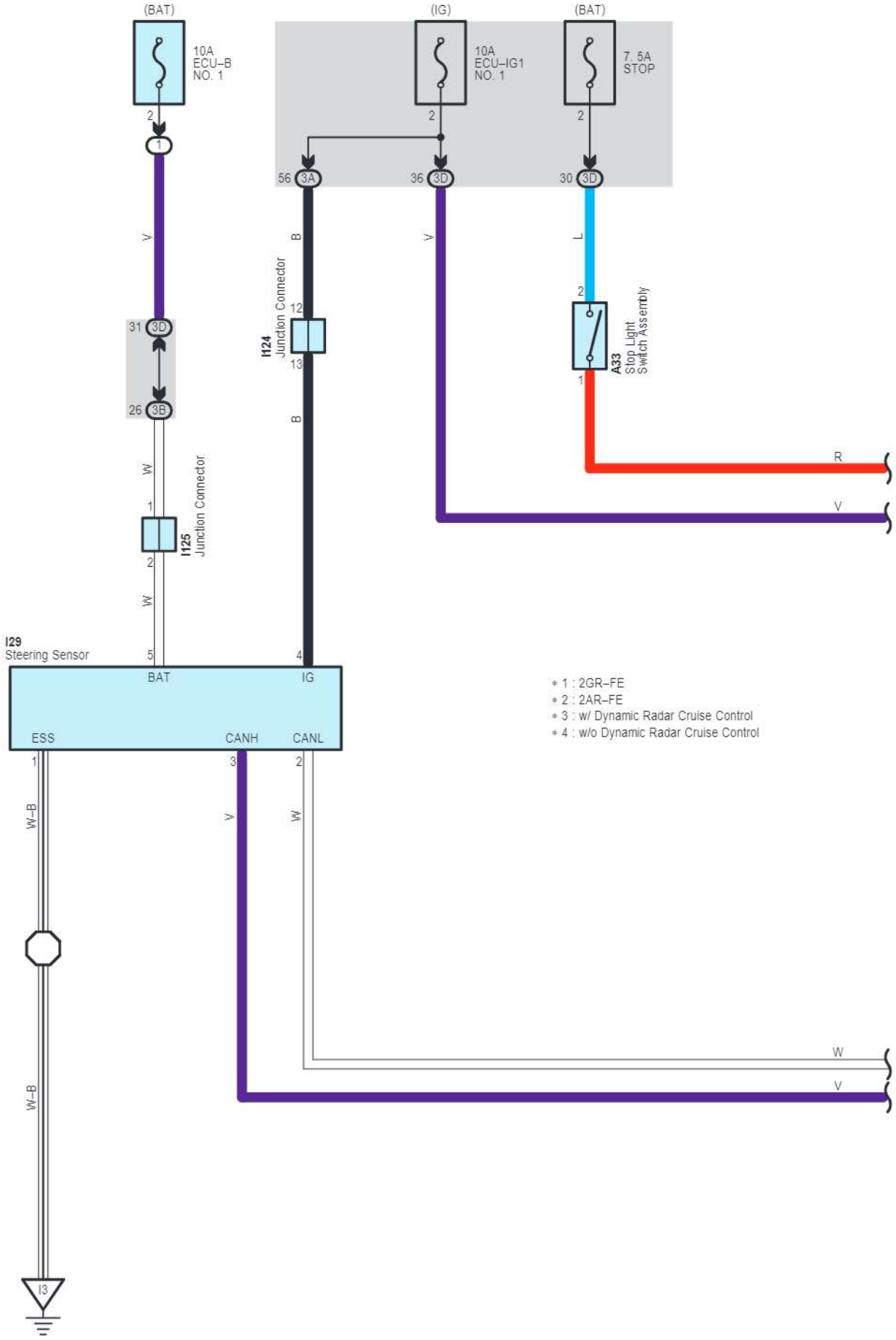
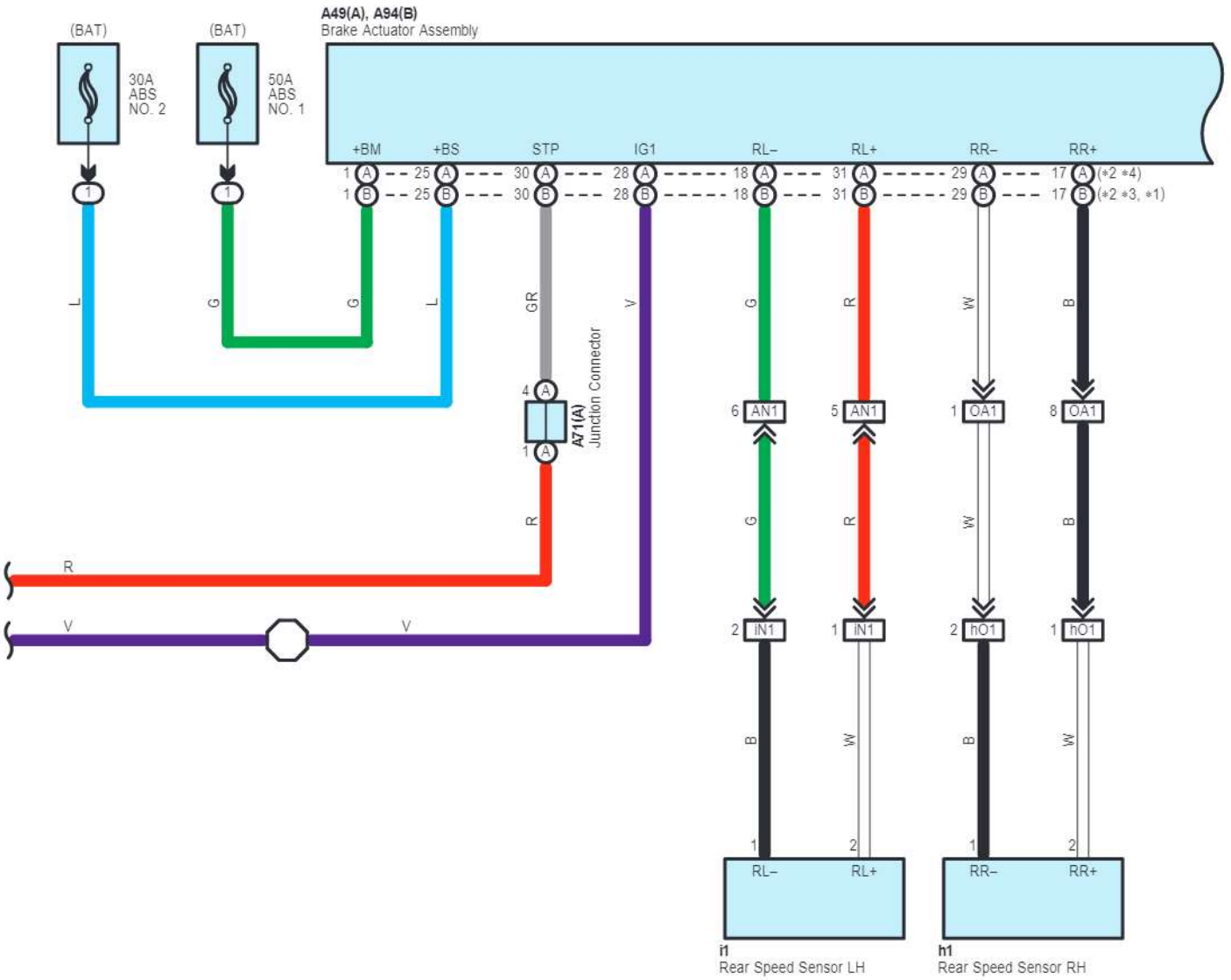
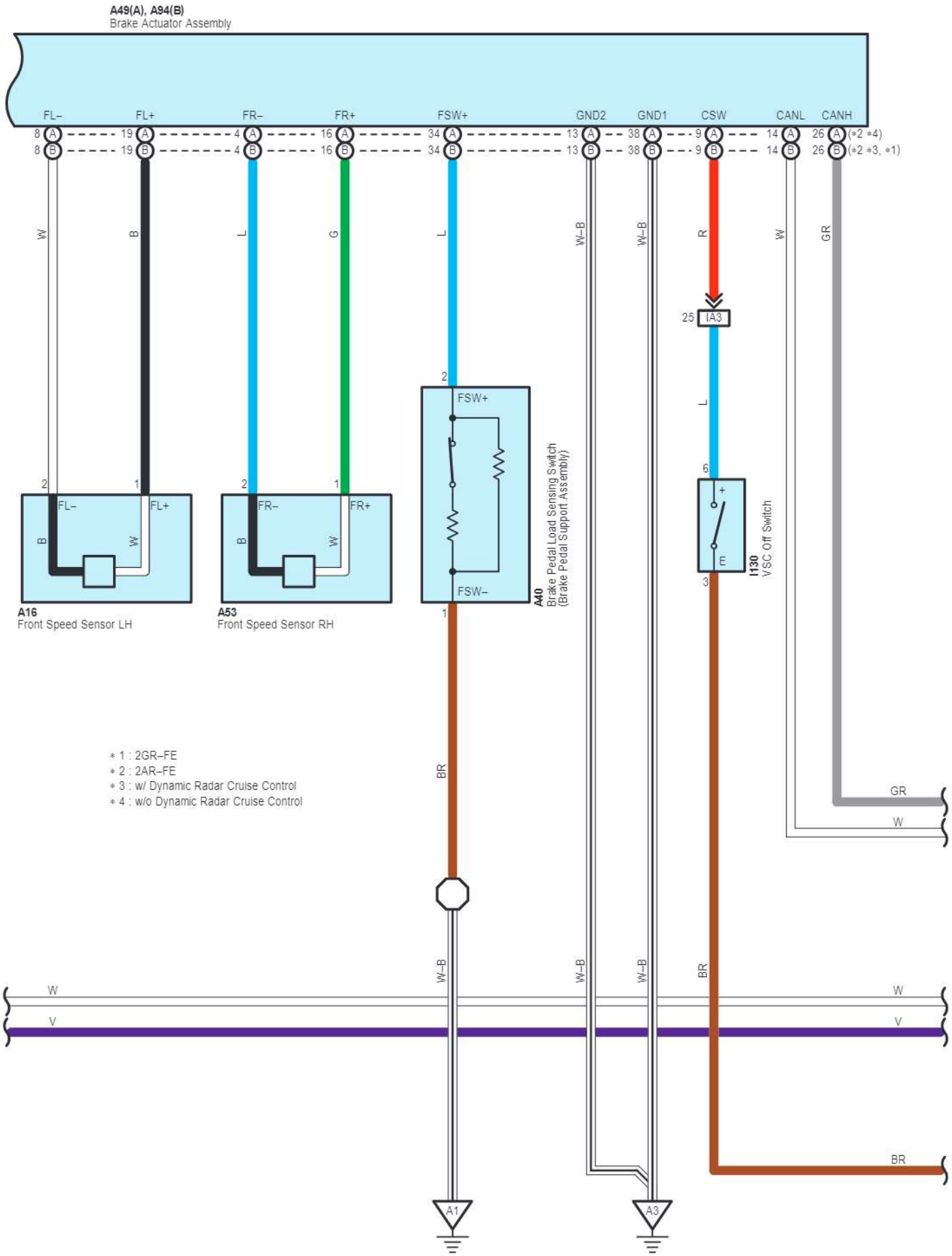
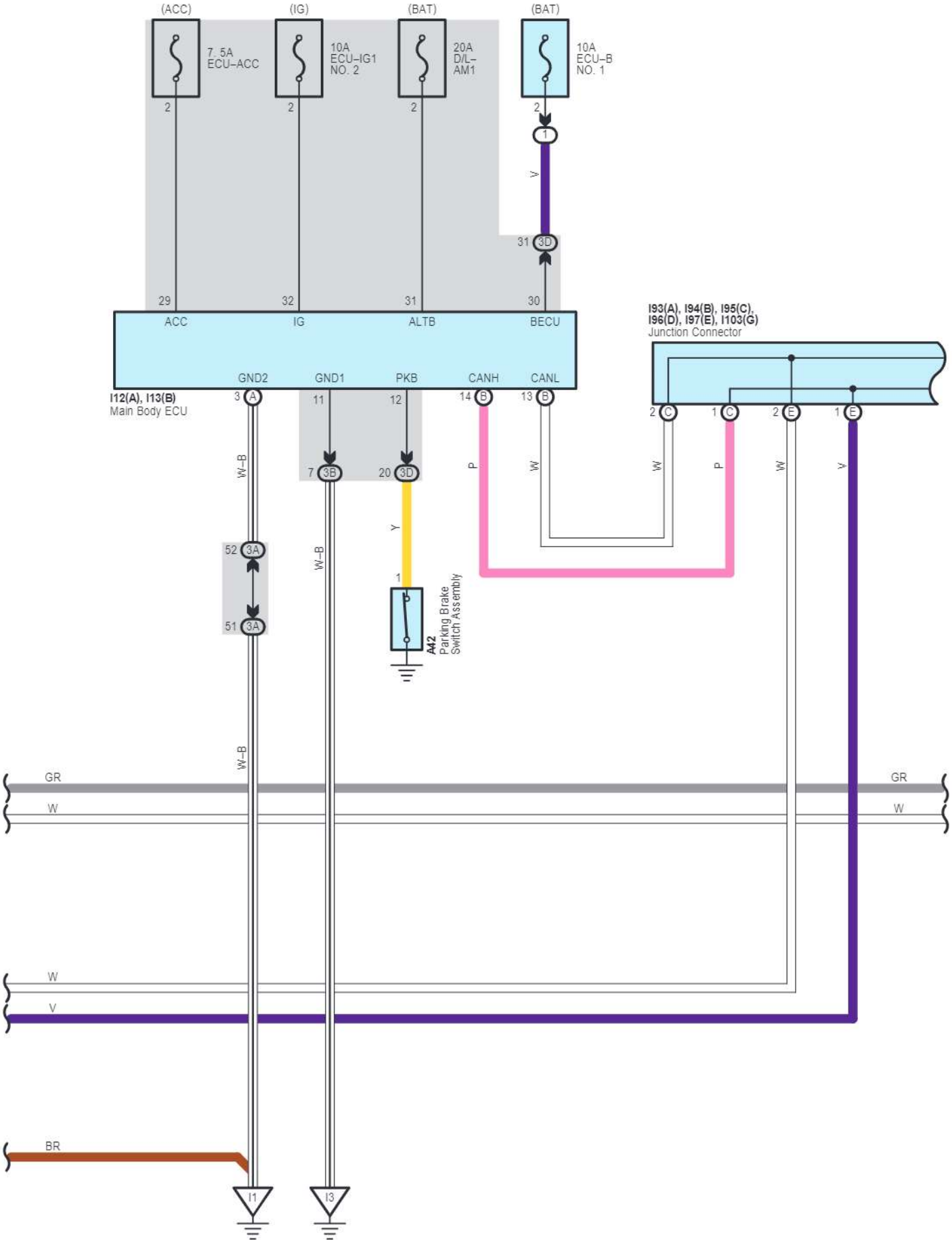
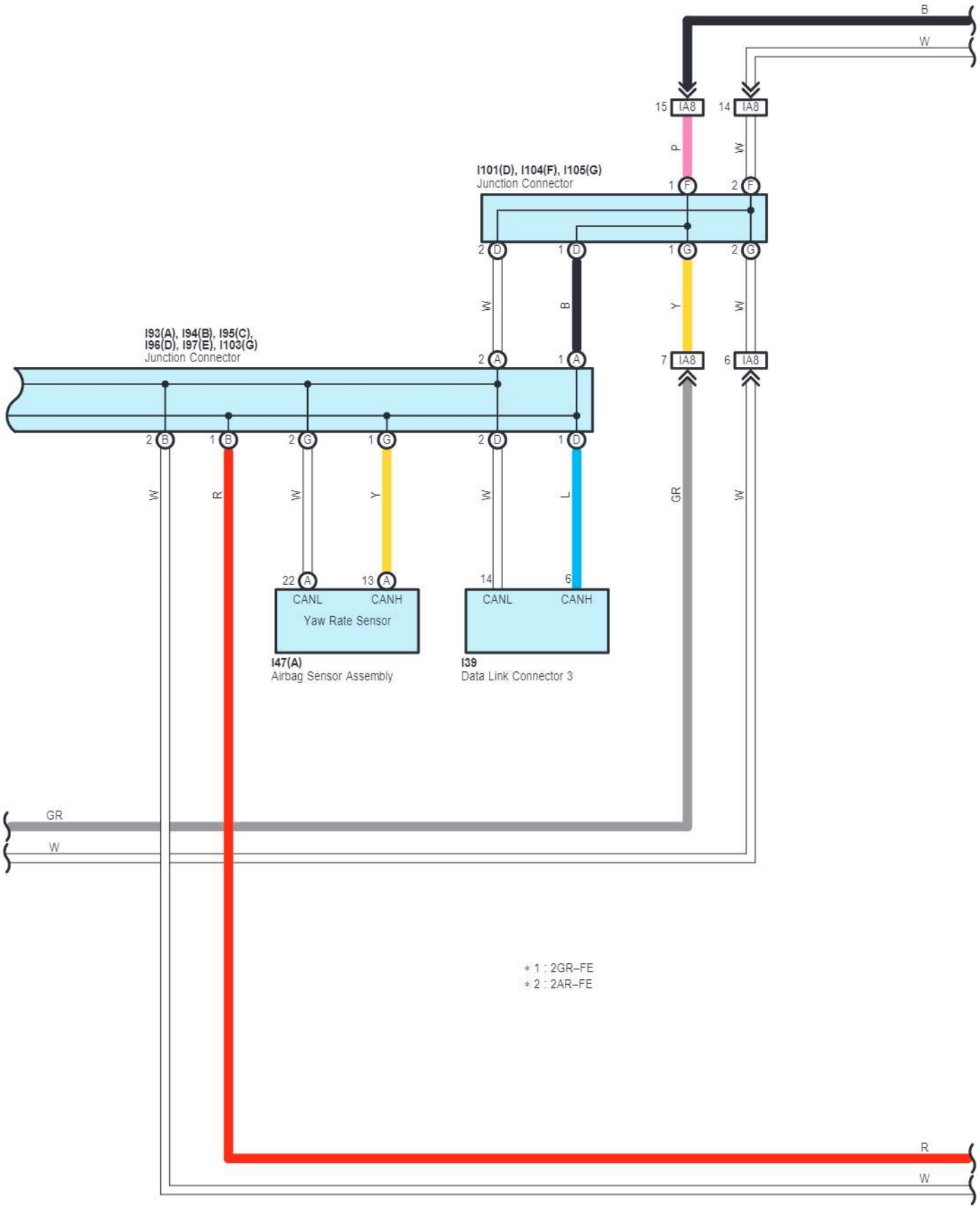

(BAT)
10A
ECU–B
NO. 1
2
1
V
31 3D
26 3B
W
1
I125
Junction Connector
2
W
(IG)
10A
ECU–IG1
NO. 1
2
56 3A
36 3D
B
12
I124
Junction Connector
13
B
V
(BAT)
7. 5A
STOP
2
30 3D
L
2
A33
Stop Light
Switch Assembly
1
R
V
I29
Steering Sensor
5
BAT
4
IG
ESS
CANH
CANL
1
3
2
W–B
V
W
W–B
W
V
I3
* 1 : 2GR–FE
* 2 : 2AR–FE
* 3 : w/ Dynamic Radar Cruise Control
* 4 : w/o Dynamic Radar Cruise Control

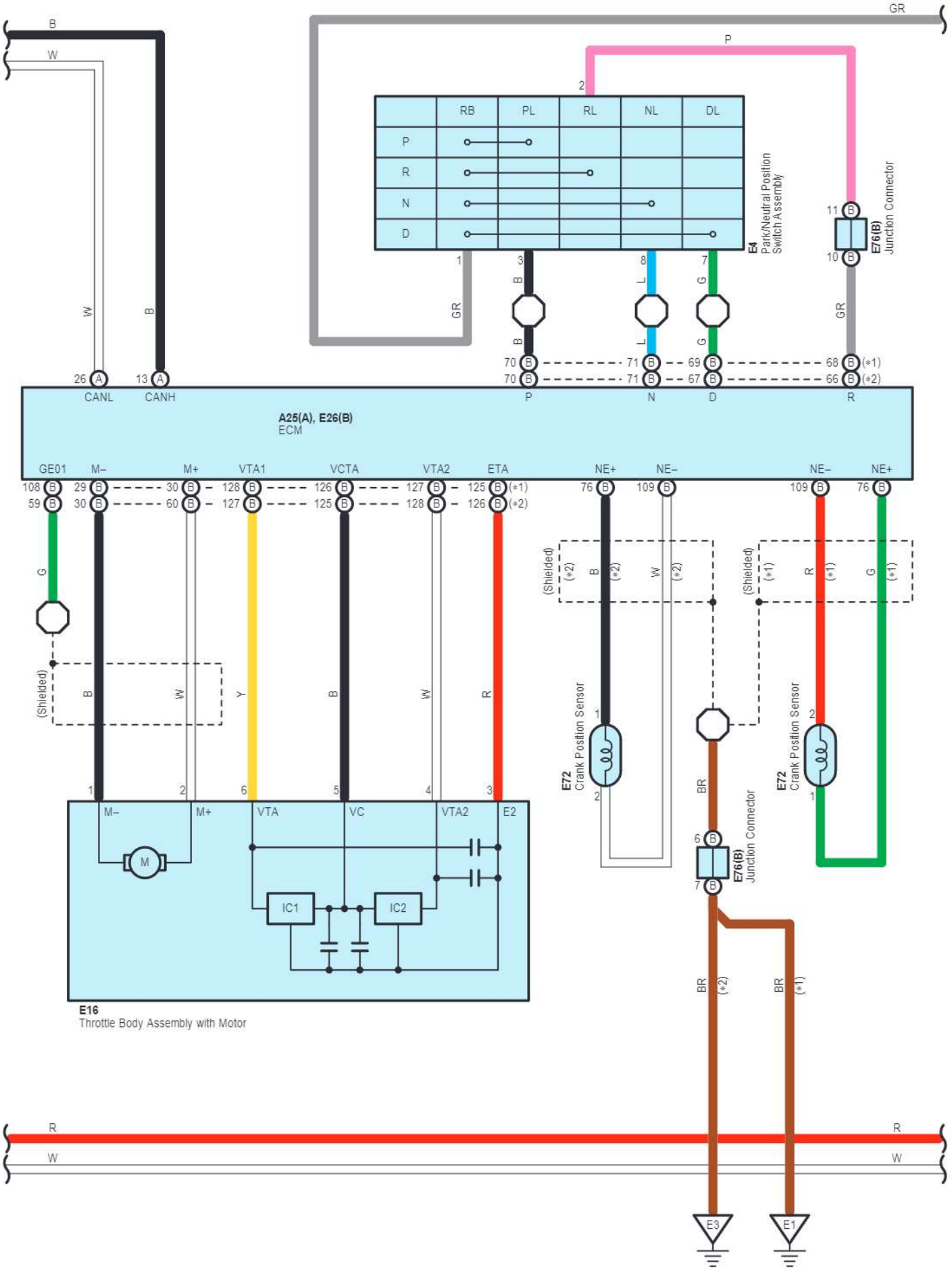

(BAT)
(BAT)
30A
ABS
NO. 2
50A
ABS
NO. 1
A49(A), A94(B)
Brake Actuator Assembly
+BM
+BS
STP
IG1
RL−
RL+
RR−
RR+
(*2 *4)
(*2 *3, *1)
A71(A)
Junction Connector
AN1
OA1
iN1
hO1
i1
Rear Speed Sensor LH
h1
Rear Speed Sensor RH

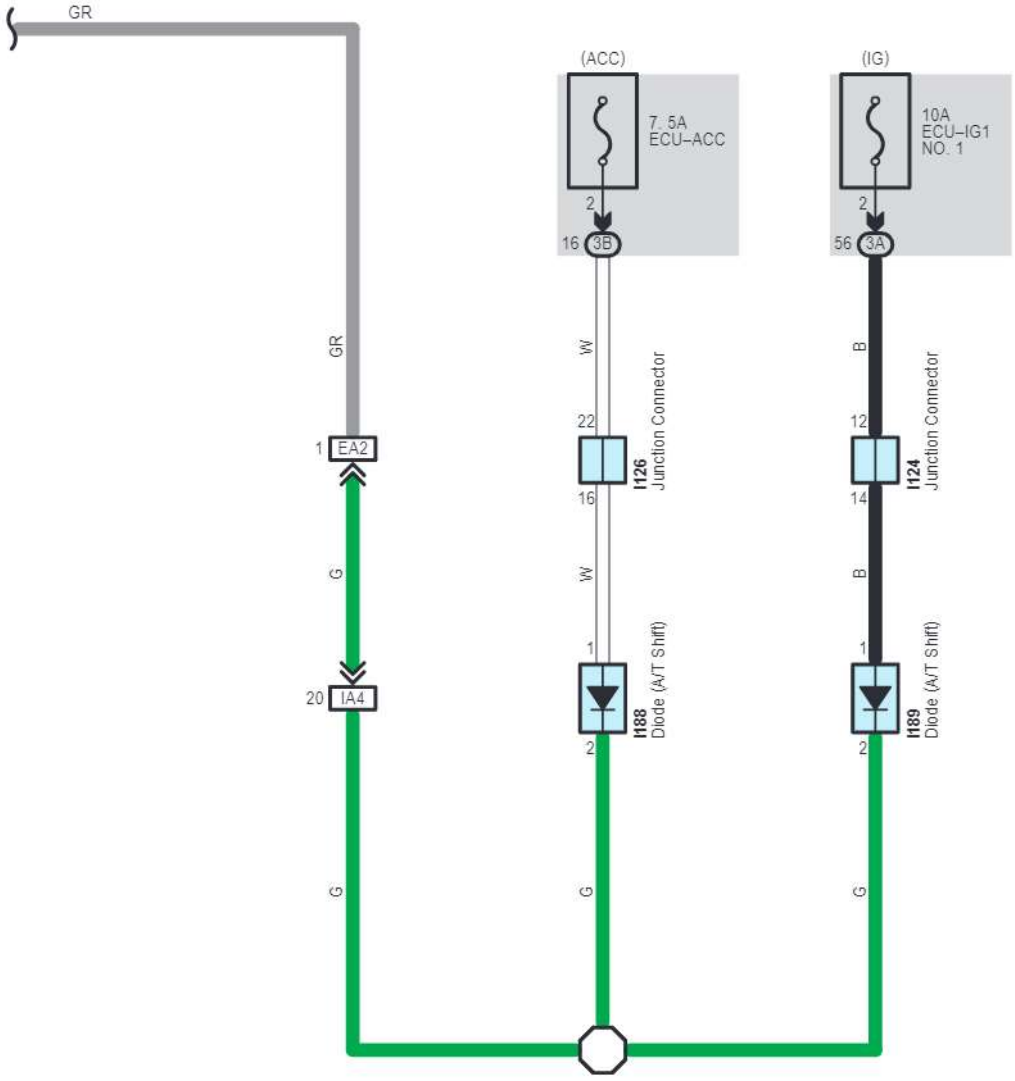



A49(A), A94(B)
Brake Actuator Assembly
FL–
FL+
FR–
FR+
FSW+
GND2
GND1
CSW
CANL
CANH
(*2 *4)
(*2 *3, *1)
W
B
L
G
L
W–B
W–B
R
W
GR
25
IA3
2
FSW+
FSW–
1
6
+
E
3
I130
VSC Off Switch
A40
Brake Pedal Load Sensing Switch
(Brake Pedal Support Assembly)
A16
Front Speed Sensor LH
A53
Front Speed Sensor RH
* 1 : 2GR–FE
* 2 : 2AR–FE
* 3 : w/ Dynamic Radar Cruise Control
* 4 : w/o Dynamic Radar Cruise Control
BR
GR
W
V
A1
A3

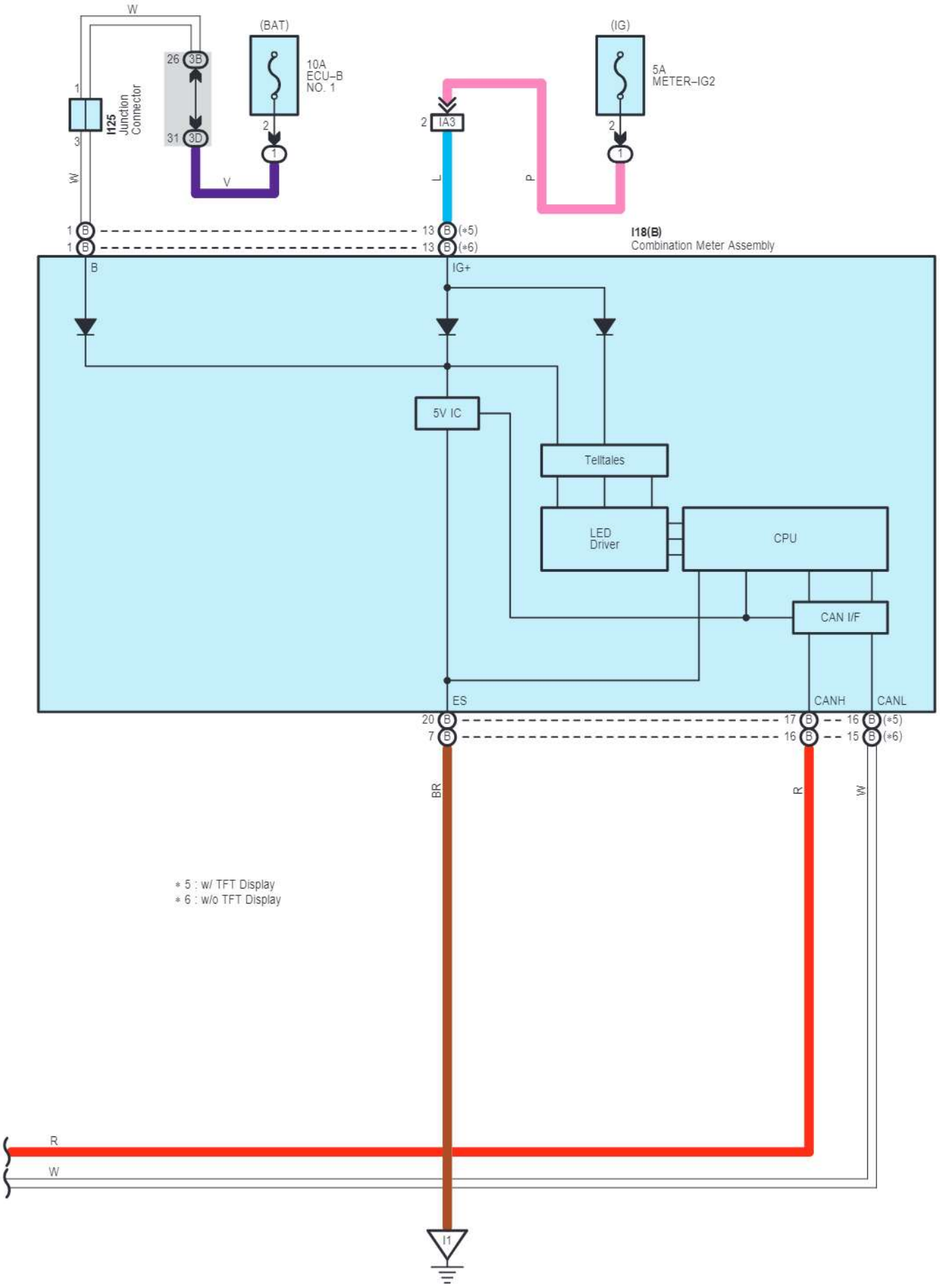

(ACC)
(IG)
(BAT)
(BAT)
7. 5A
ECU–ACC
10A
ECU–IG1
NO. 2
20A
D/L–
AM1
10A
ECU–B
NO. 1
2
2
2
2
1
V
31 3D
29
32
31
30
ACC
IG
ALTB
BECU
I93(A), I94(B), I95(C),
I96(D), I97(E), I103(G)
Junction Connector
GND2
GND1
PKB
CANH
CANL
I12(A), I13(B)
Main Body ECU
3 A
11
12
14 B
13 B
2 C
1 C
2 E
1 E
W–B
7 3B
20 3D
P
W
W
P
W
Y
52 3A
51 3A
W–B
1
A42
Parking Brake
Switch Assembly
W–B
GR
W
GR
W
W
V
BR
I1
I3


B
W
15 IA8
14 IA8
P
W
I101(D), I104(F), I105(G)
Junction Connector
1 F
2 F
2 D
1 D
1 G
2 G
W
B
Y
W
I93(A), I94(B), I95(C),
I96(D), I97(E), I103(G)
Junction Connector
2 A
1 A
7 IA8
6 IA8
2 B
1 B
2 G
1 G
2 D
1 D
W
R
W
Y
W
L
GR
W
22 A
13 A
14
6
CANL
CANH
Yaw Rate Sensor
I47(A)
Airbag Sensor Assembly
CANL
CANH
I39
Data Link Connector 3
GR
W
* 1 : 2GR-FE
* 2 : 2AR-FE
R
W

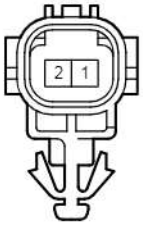

GR
B
W
P
2
RB
PL
RL
NL
DL
P
R
N
D
E4
Park/Neutral Position Switch Assembly
E76(B)
Junction Connector
11
10
1
3
8
7
GR
B
L
G
W
B
26
13
CANL
CANH
70
71
69
68
67
66
(*1)
(*2)
A25(A), E26(B)
ECM
GE01
M–
M+
VTA1
VCTA
VTA2
ETA
NE+
NE–
108
59
29
30
128
127
126
125
76
109
(Shielded)
Y
R
BR
E72
Crank Position Sensor
E16
Throttle Body Assembly with Motor
VTA
VC
E2
M
IC1
IC2
E3
E1


GR
(ACC)
(IG)
7. 5A
ECU–ACC
10A
ECU–IG1
NO. 1
2
16
3B
2
56
3A
W
B
22
12
I126
Junction Connector
I124
Junction Connector
16
14
W
B
1
1
I188
Diode (A/T Shift)
I189
Diode (A/T Shift)
2
2
GR
1
EA2
G
20
IA4
G
G
G

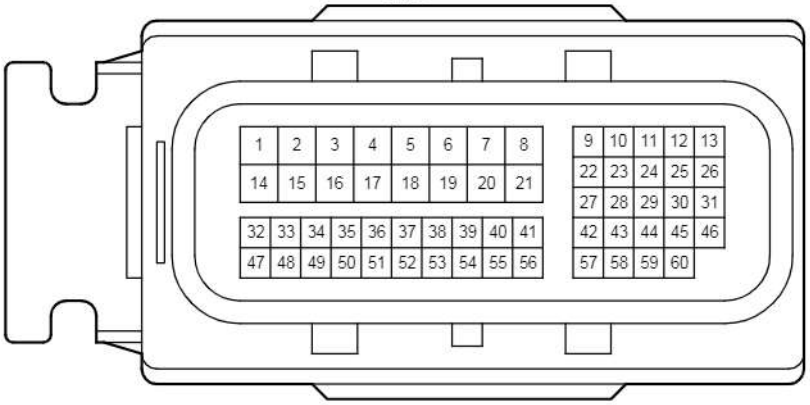

R
R
W
W


W
(BAT)
10A
ECU–B
NO. 1
26 3B
31 3D
I125
Junction
Connector
1
3
W
V
2
1
(IG)
5A
METER–IG2
2 IA3
L
P
1 B 13 B (*5)
1 B 13 B (*6)
I18(B)
Combination Meter Assembly
B
IG+
5V IC
Telltales
LED
Driver
CPU
CAN I/F
ES
CANH
CANL
20 B 17 B 16 B (*5)
7 B 16 B 15 B (*6)
BR
R
W
* 5 : w/ TFT Display
* 6 : w/o TFT Display
R
W
I1

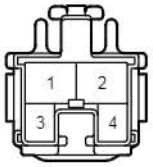
A 16
Black



A 25
Black



A 33
White



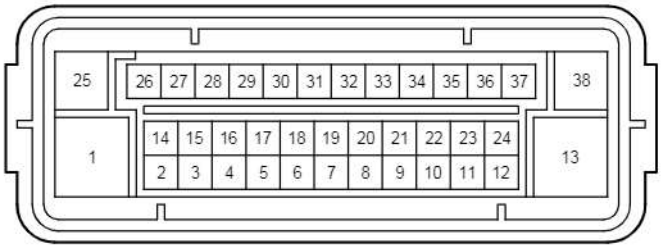
A 40
Gray



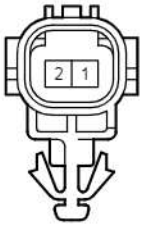
A 42
Black



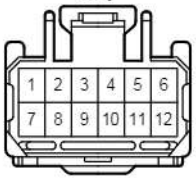
A 49
Black



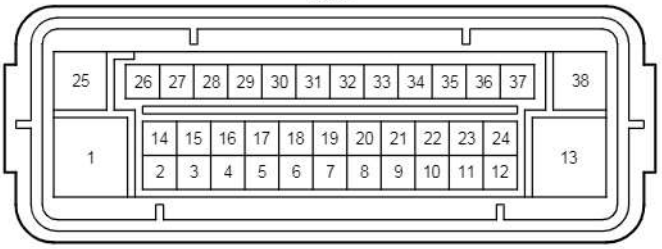
A 53
Black



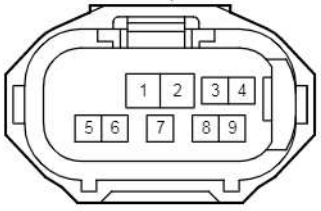
A 71
Gray



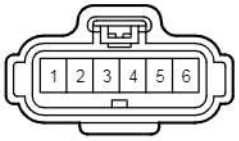
A 94
Black



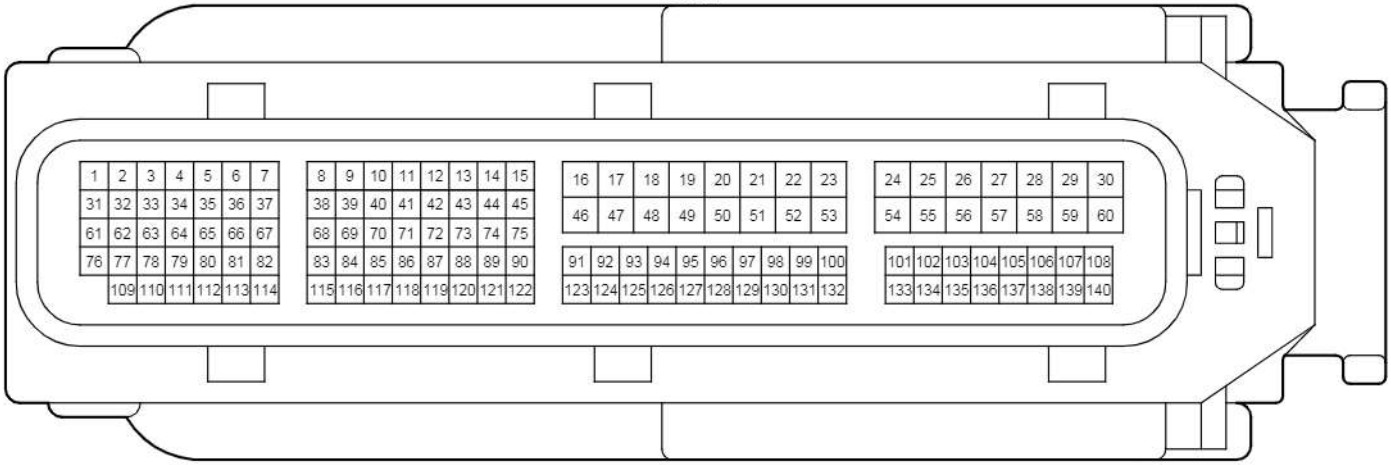
E 4
Gray



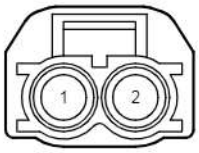
E 16
Black



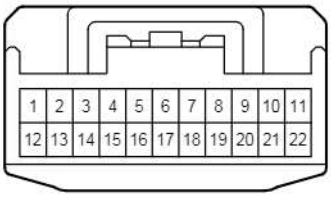
E 26
Black



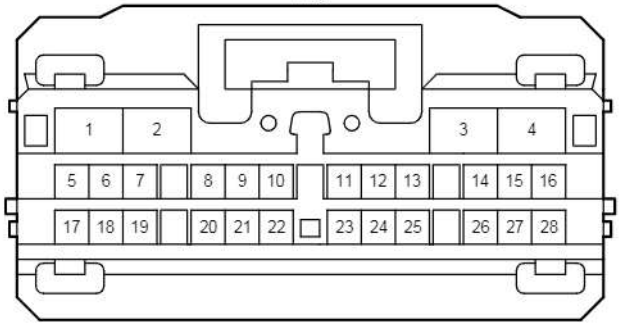
E 72
Black



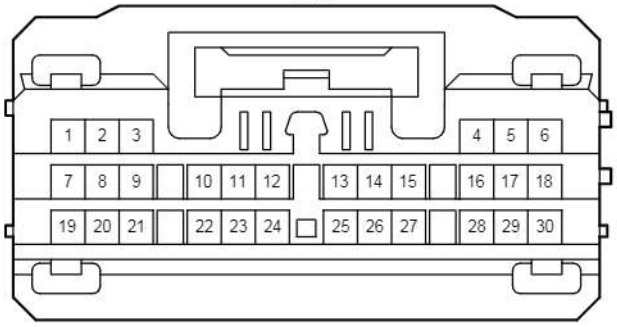
E 76
White



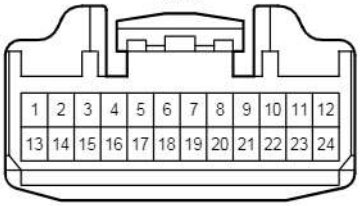
I 12
White



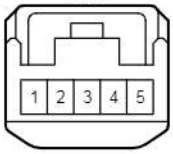
I 13
White



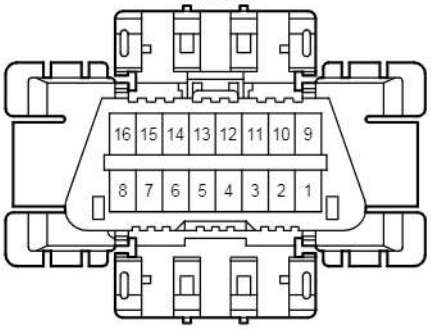
I 18
Black



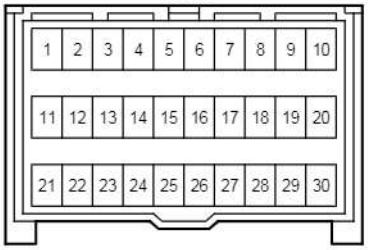
I 29
Blue



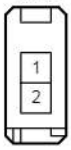
I 39
White



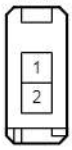
I 47
Yellow



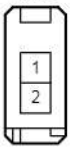
I 93
White



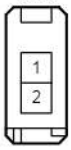
I 94
White



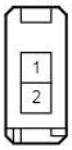
I 95
White



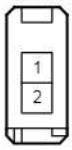
I 96
White



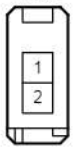
I 97
White



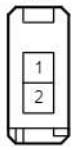
I101
White



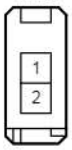
I103
White



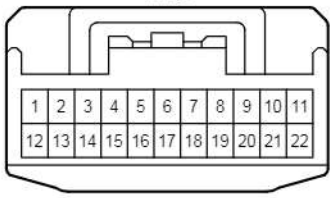
I104
White



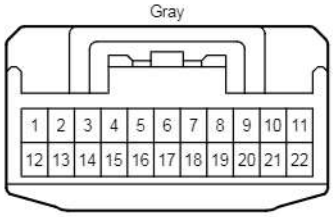
I105
White



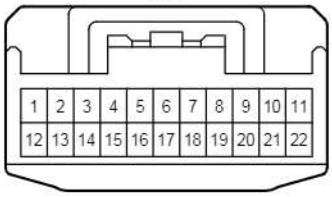
I124
White



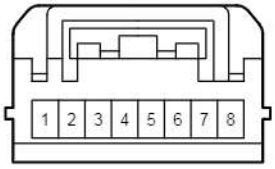
I125
Gray



I126
White



I130
Black



I188
Gray



I189
Gray



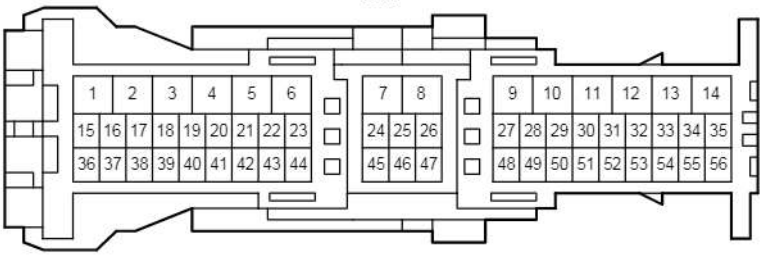
h 1
Black



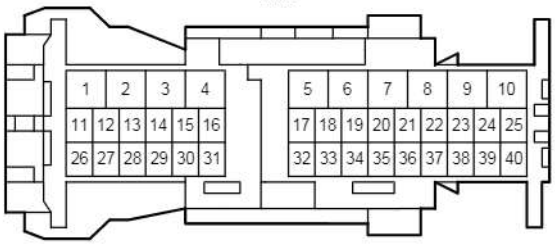
i 1
Black



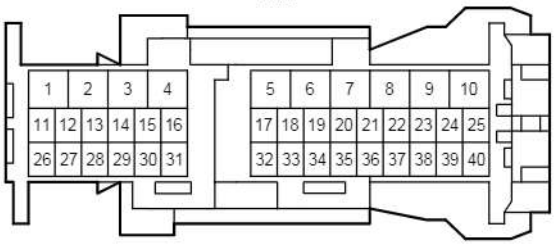
3A
White



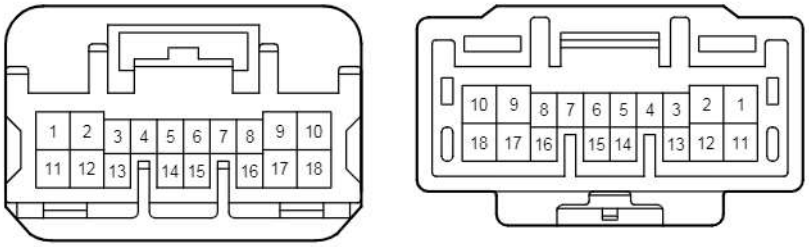
3B
White



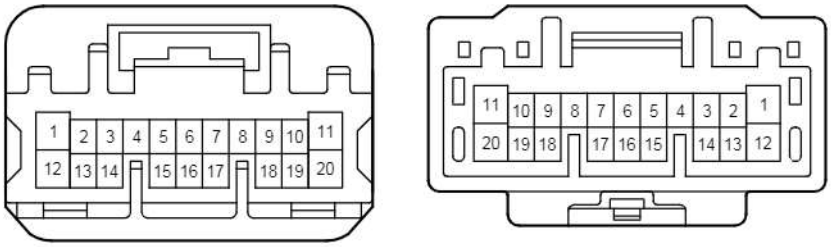
3D
White



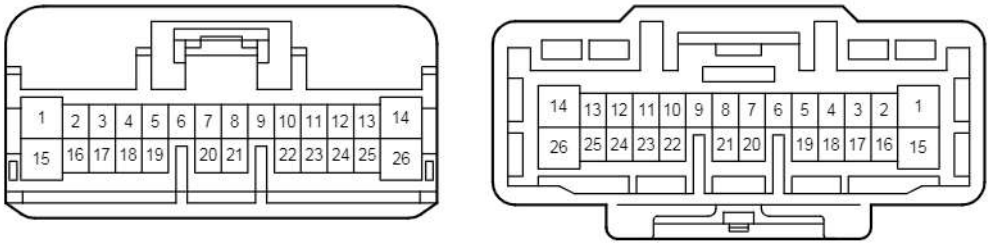
AN1
White



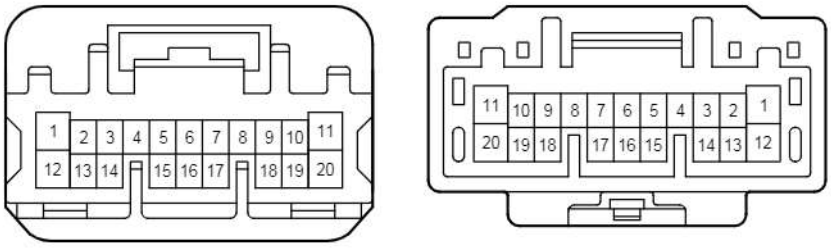
EA2
White



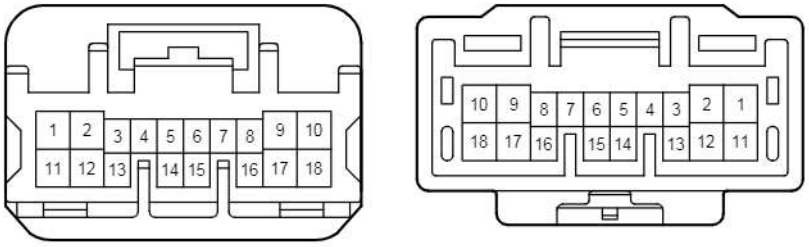
IA3
Blue

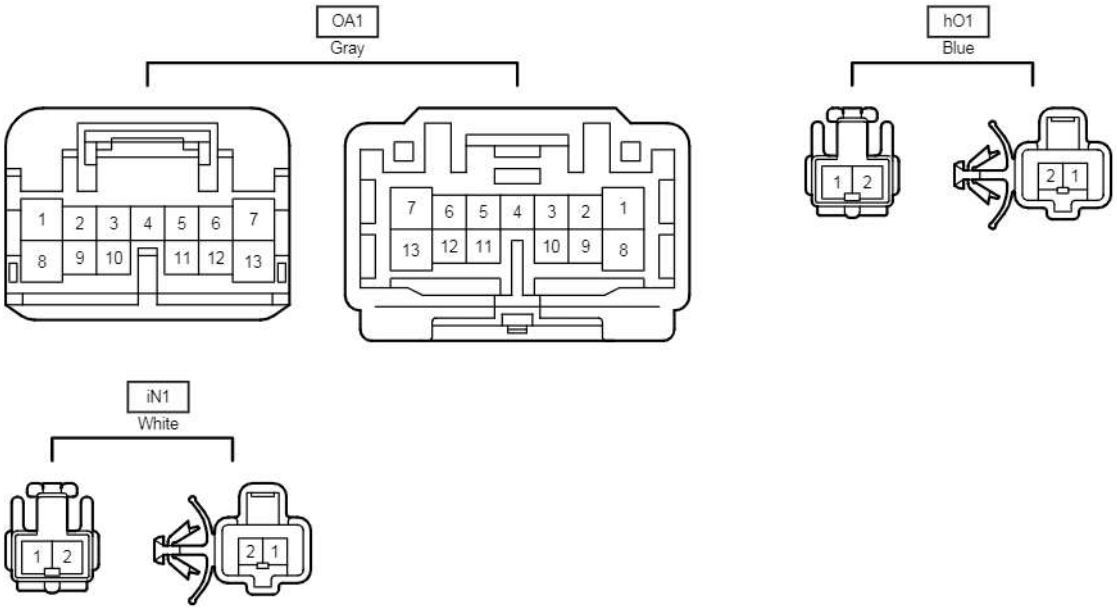


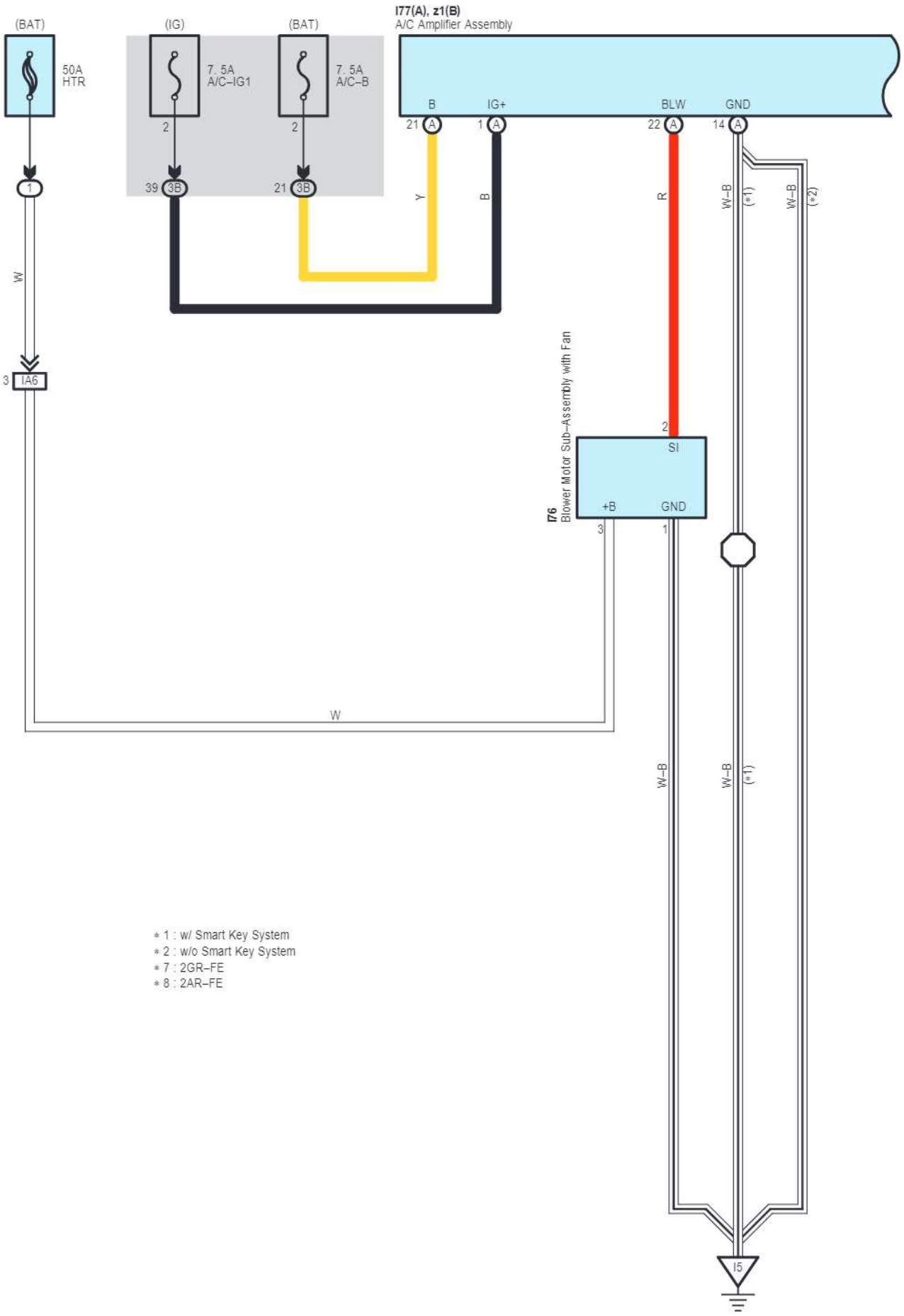
IA4
Gray



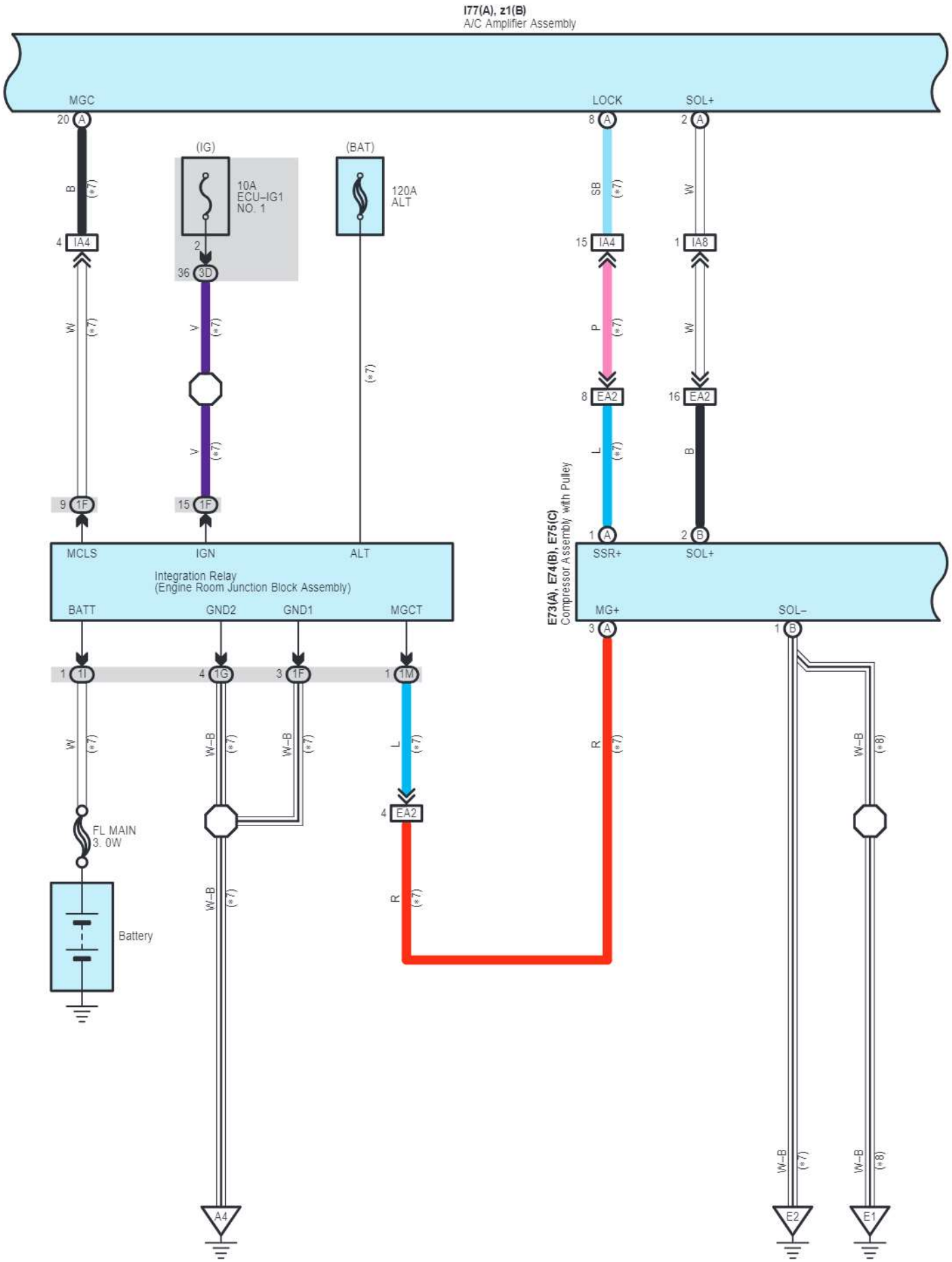
IA8
Gray

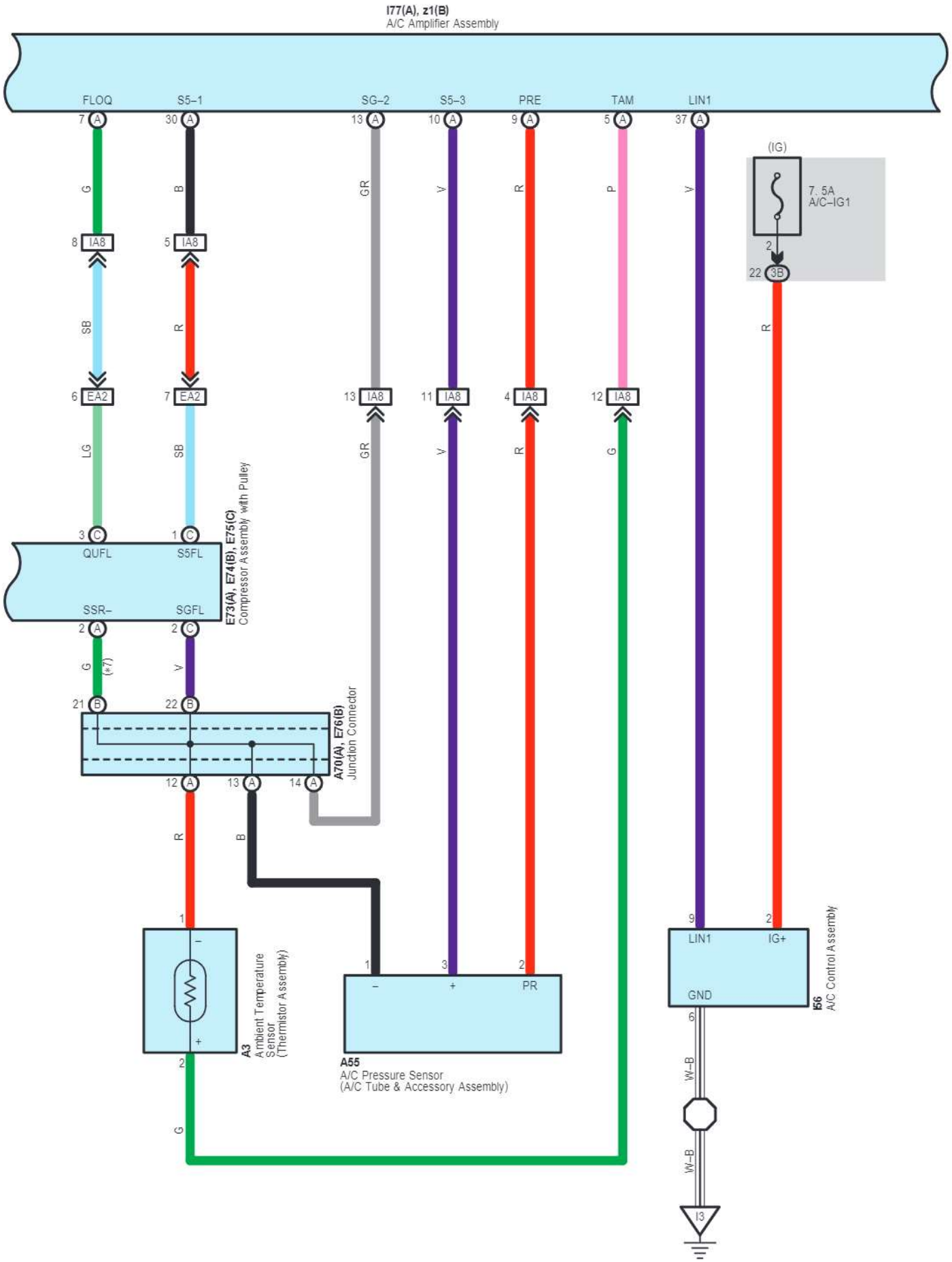


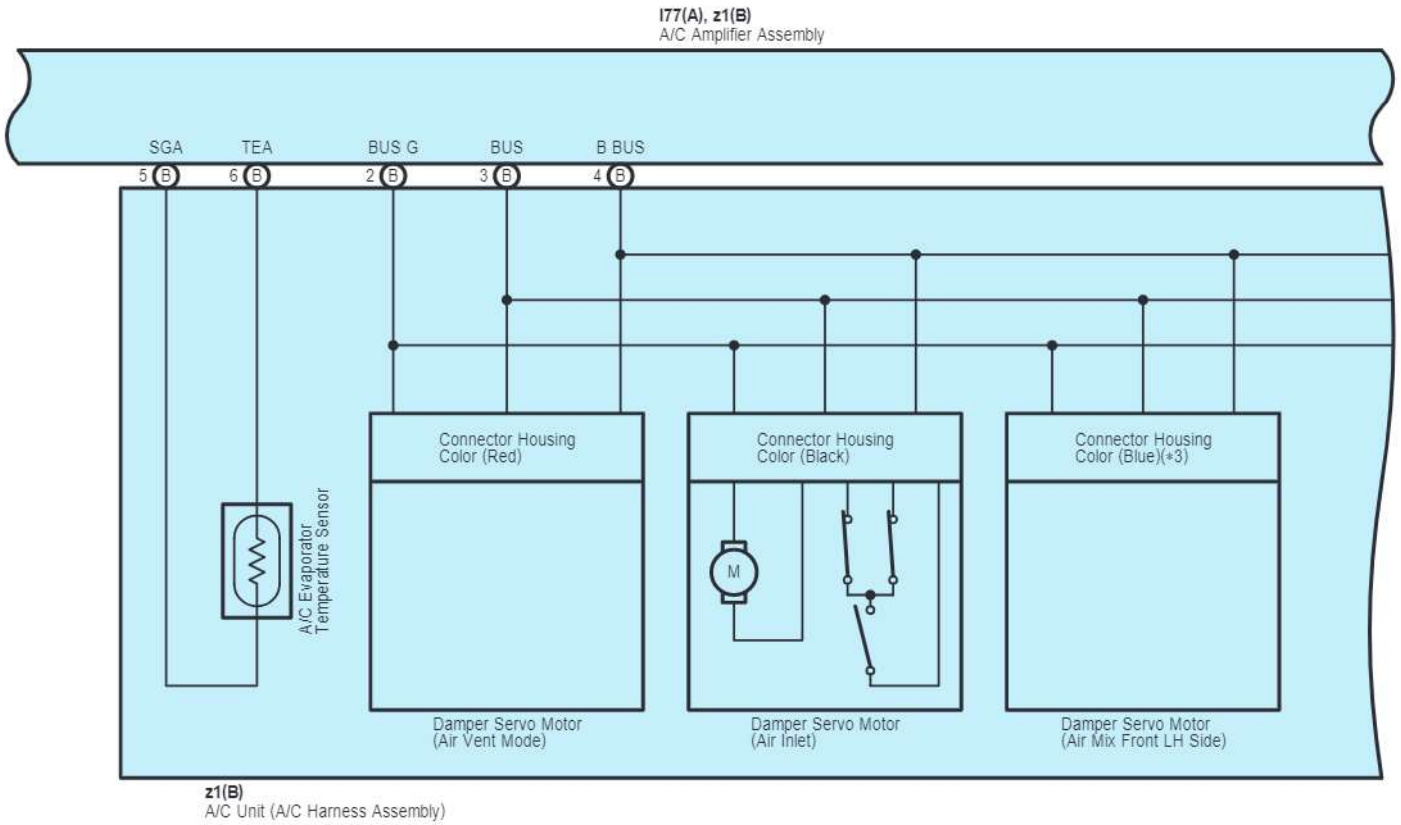

OA1
Gray
1 2 3 4 5 6 7
8 9 10 11 12 13
7 6 5 4 3 2 1
13 12 11 10 9 8
hO1
Blue
1 2
2 1
iN1
White
1 2
2 1



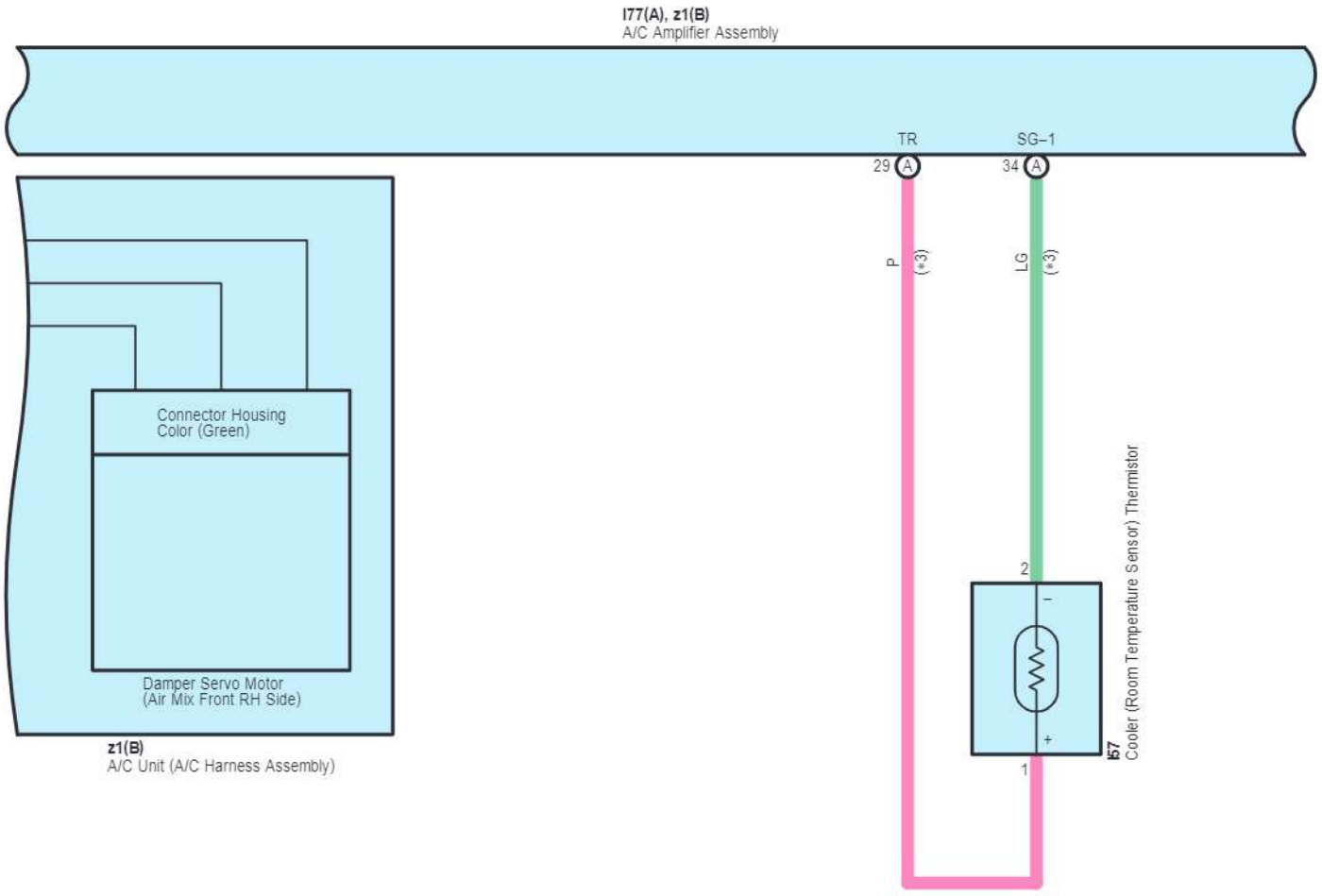
* 1 : w/ Smart Key System
* 2 : w/o Smart Key System
* 7 : 2GR–FE
* 8 : 2AR–FE


I77(A), z1(B)
A/C Amplifier Assembly
MGC
LOCK
SOL+
20 A
8 A
2 A
B (*7)
SB (*7)
W (*7)
4 IA4
15 IA4
1 IA8
(IG)
(BAT)
10A
ECU-IG1
NO. 1
2
120A
ALT
36 3D
W (*7)
V (*7)
P (*7)
W (*7)
V (*7)
(*7)
8 EA2
16 EA2
L (*7)
B (*7)
9 1F
15 1F
1 A
2 B
MCLS
IGN
ALT
SSR+
SOL+
E73(A), E74(B), E75(C)
Compressor Assembly with Pulley
Integration Relay
(Engine Room Junction Block Assembly)
BATT
GND2
GND1
MGCT
MG+
SOL-
3 A
1 B
1 1I
4 1G
3 1F
1 1M
W (*7)
W-B (*7)
W-B (*7)
L (*7)
R (*7)
W-B (*8)
4 EA2
FL MAIN
3. 0W
R (*7)
W-B (*7)
Battery
A4
W-B (*7)
W-B (*8)
E2
E1

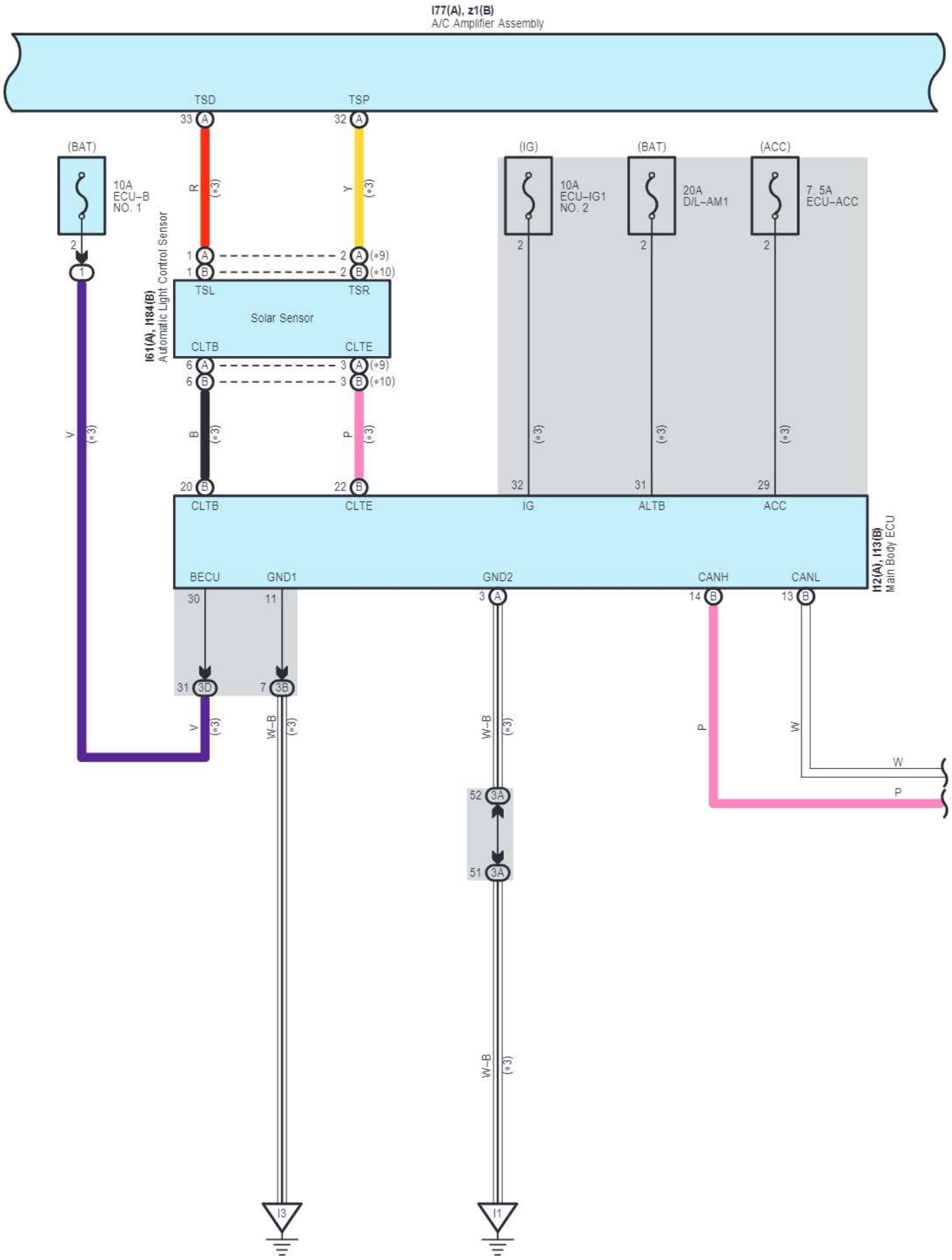

I77(A), z1(B)
A/C Amplifier Assembly
FLOQ
S5–1
SG–2
S5–3
PRE
TAM
LIN1
7 A
30 A
13 A
10 A
9 A
5 A
37 A
G
B
GR
V
R
P
V
8 IA8
5 IA8
13 IA8
11 IA8
4 IA8
12 IA8
SB
R
GR
V
R
G
6 EA2
7 EA2
LG
SB
3 C
1 C
QUFL
S5FL
E73(A), E74(B), E75(C)
Compressor Assembly with Pulley
SSR–
SGFL
2 A
2 C
G
(*7)
V
21 B
22 B
A70(A), E76(B)
Junction Connector
12 A
13 A
14 A
R
B
1
2
A3
Ambient Temperature Sensor
(Thermistor Assembly)
1
3
2
A55
A/C Pressure Sensor
(A/C Tube & Accessory Assembly)
G
(IG)
7.5A
A/C–IG1
2
22 3B
R
9
2
LIN1
IG+
GND
E56
A/C Control Assembly
6
W–B
W–B
I3

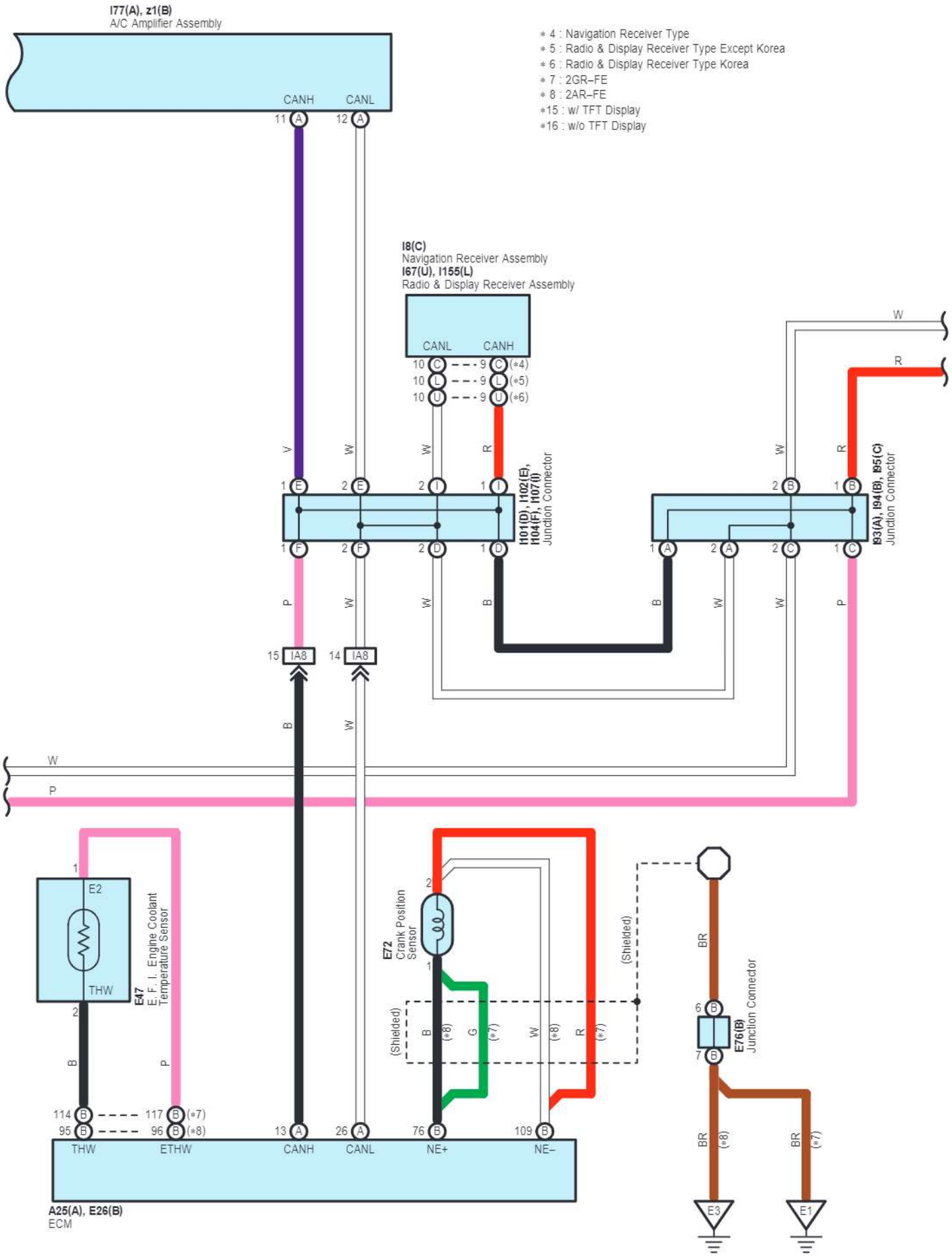


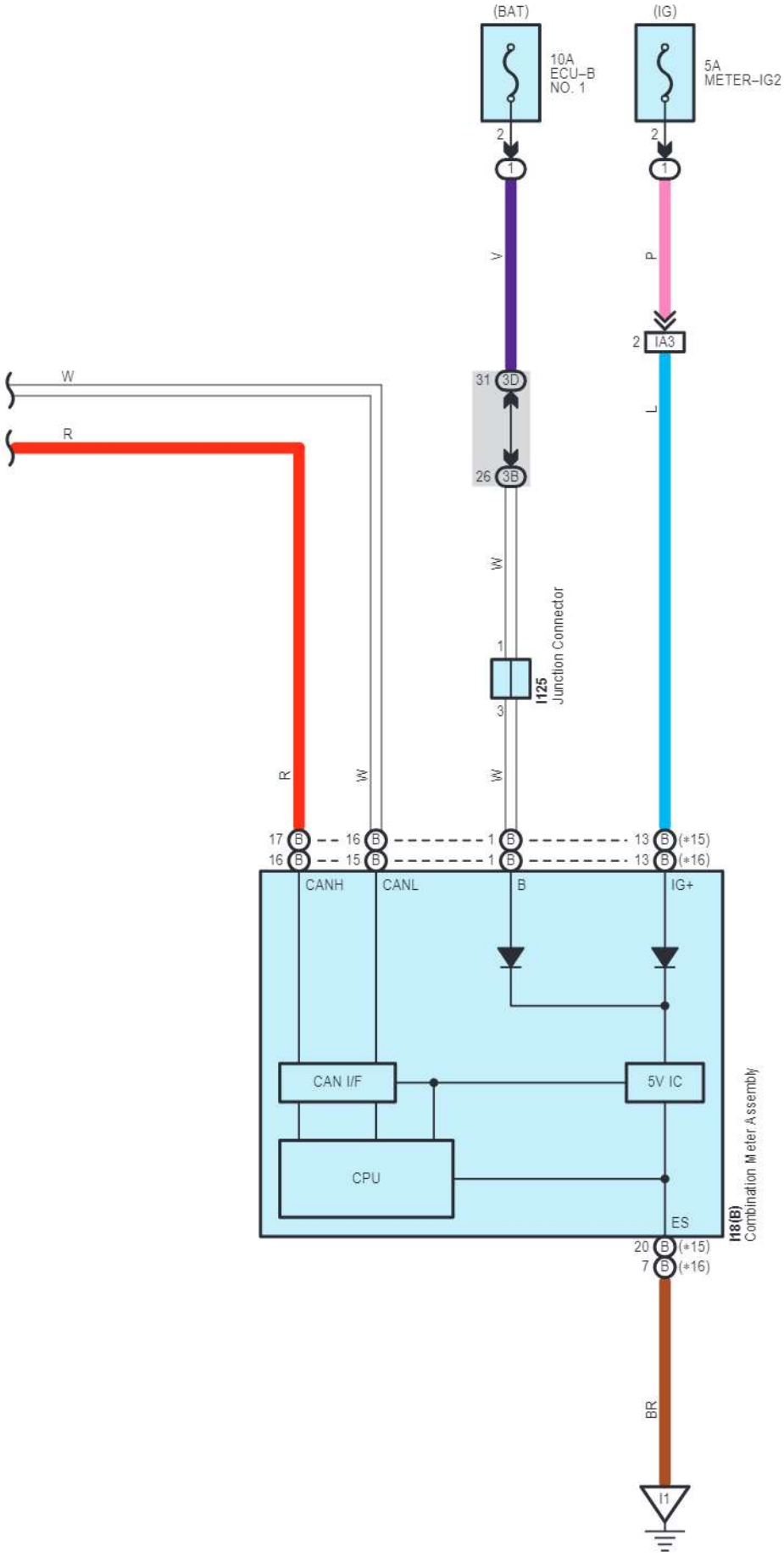
* 3 : Automatic A/C
* 7 : 2GR–FE



* 3 : Automatic A/C
* 9 : 10 Speaker
*10 : 6 Speaker


I77(A), z1(B)
A/C Amplifier Assembly
TSD
TSP
33 A
32 A
(BAT)
10A
ECU–B
NO. 1
R (*3)
Y (*3)
2
1
1 A (*9) 2 A
1 B (*10) 2 B
I61(A), I184(B)
Automatic Light Control Sensor
TSL
TSR
Solar Sensor
CLTB
CLTE
6 A (*9) 3 A
6 B (*10) 3 B
V (*3)
B (*3)
P (*3)
20 B
22 B
CLTB
CLTE
(IG)
(BAT)
(ACC)
10A
ECU–IG1
NO. 2
20A
D/L–AM1
7. 5A
ECU–ACC
2
2
2
(*3)
(*3)
(*3)
32
31
29
IG
ALTB
ACC
I12(A), I13(B)
Main Body ECU
BECU
GND1
GND2
CANH
CANL
30
11
3 A
14 B
13 B
31 3D
7 3B
V (*3)
W–B (*3)
W–B (*3)
P
W
W
P
52 3A
51 3A
W–B (*3)
I3
I1

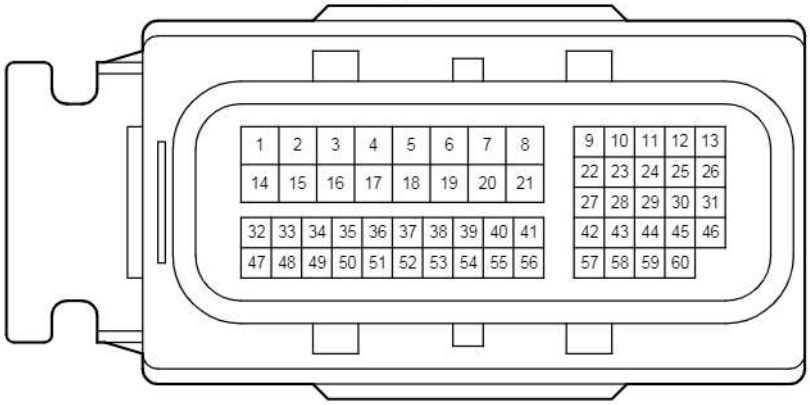

I77(A), z1(B)
A/C Amplifier Assembly
CANH
CANL
11 A
12 A
* 4 : Navigation Receiver Type
* 5 : Radio & Display Receiver Type Except Korea
* 6 : Radio & Display Receiver Type Korea
* 7 : 2GR–FE
* 8 : 2AR–FE
*15 : w/ TFT Display
*16 : w/o TFT Display
I8(C)
Navigation Receiver Assembly
I67(U), I155(L)
Radio & Display Receiver Assembly
CANL
CANH
10 C
9 C
(*4)
10 L
9 L
(*5)
10 U
9 U
(*6)
V
W
W
R
1 E
2 E
2 I
1 I
I101(D), I102(E),
I104(F), I107(I)
Junction Connector
1 F
2 F
2 D
1 D
W
R
2 B
1 B
I93(A), I94(B), I95(C)
Junction Connector
1 A
2 A
2 C
1 C
P
W
W
B
B
W
W
P
15 IA8
14 IA8
B
W
W
P
1
E2
THW
E47
E. F. I. Engine Coolant
Temperature Sensor
2
B
P
114 B
95 B
117 B
(*7)
96 B
(*8)
THW
ETHW
13 A
26 A
CANH
CANL
E72
Crank Position
Sensor
2
1
(Shielded)
B
(*8)
G
(*7)
W
(*8)
R
(*7)
76 B
109 B
NE+
NE–
(Shielded)
BR
6 B
7 B
E76(B)
Junction Connector
BR
(*8)
BR
(*7)
E3
E1
A25(A), E26(B)
ECM


(BAT)
(IG)
10A
ECU-B
NO. 1
5A
METER-IG2
2
1
V
P
2 IA3
L
W
R
31 3D
26 3B
W
1
I125
Junction Connector
3
W
R
W
17 B
16 B
16 B
15 B
1 B
1 B
13 B (*15)
13 B (*16)
CANH
CANL
B
IG+
CAN I/F
5V IC
CPU
ES
I18(B)
Combination Meter Assembly
20 B (*15)
7 B (*16)
BR
I1

A 3
Black



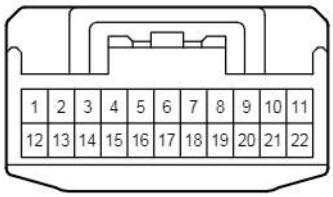
A 25
Black



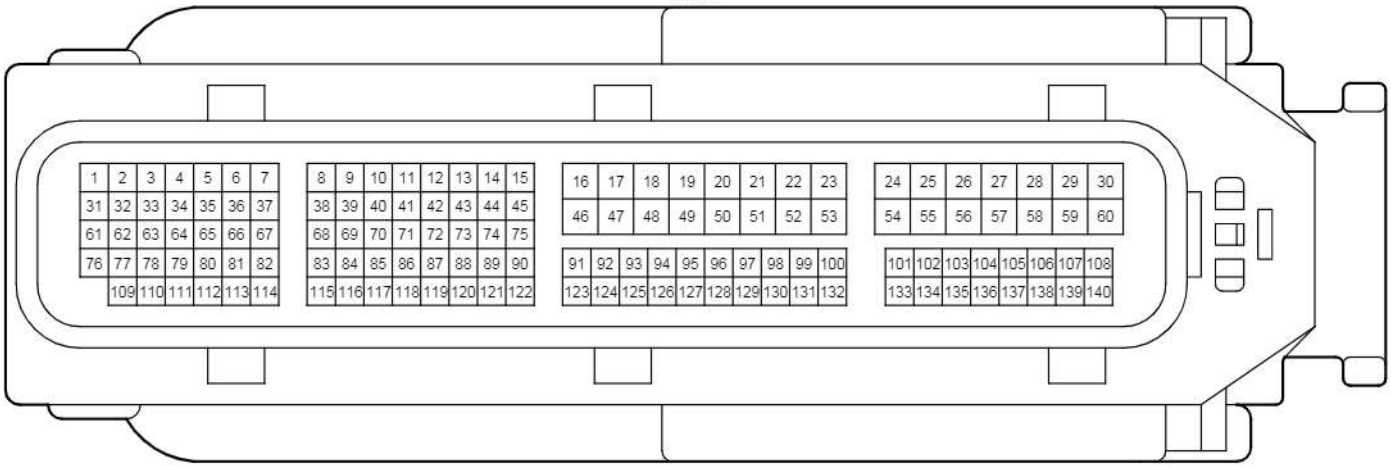
A 55
Black



A 70
White



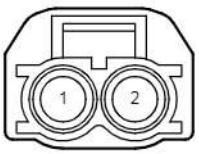
E 26
Black



E 47
Black



E 72
Black



E 73
Gray



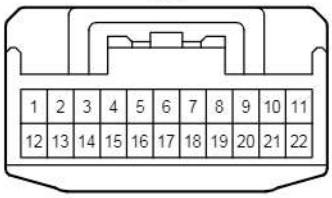
E 74
Black



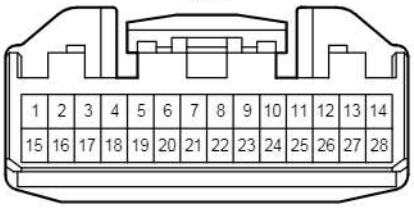
E 75
Black



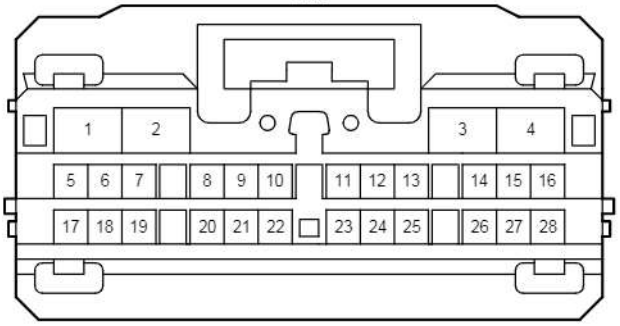
E 76
White



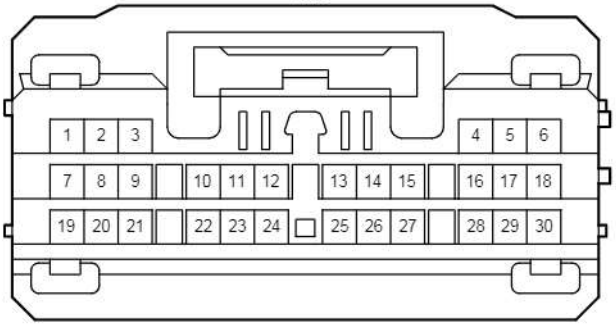
I 8
White



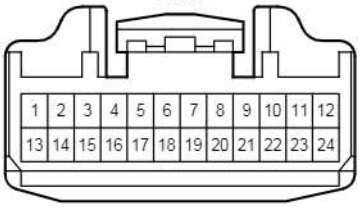
I 12
White



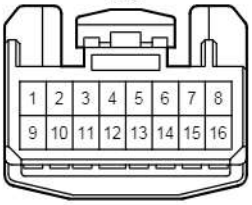
I 13
White



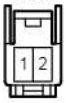
I 18
Black



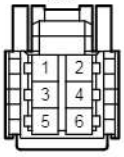
I 56
Black



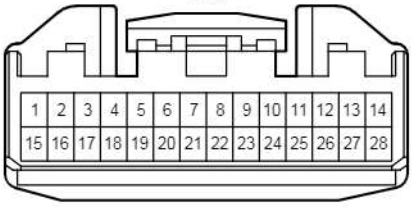
I 57
Black



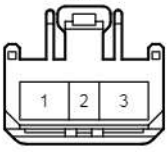
I 61
Blue



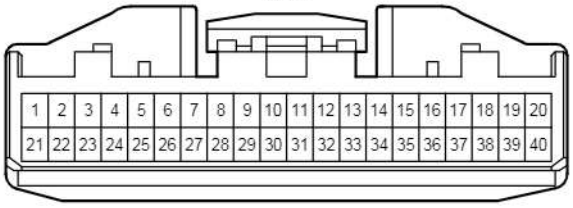
I 67
White



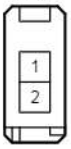
I 76
Black



I 77
White



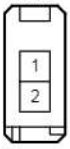
I 93
White



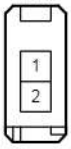
I 94
White



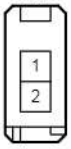
I 95
White



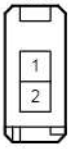
I101
White



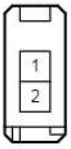
I102
White



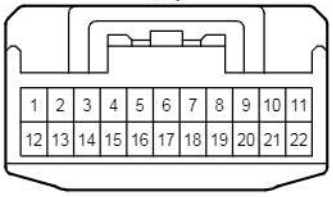
I104
White



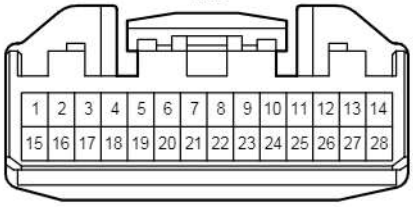
I107
White



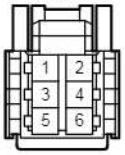
I125
Gray



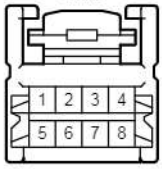
I155
White



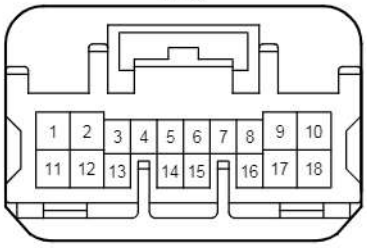
I184
Blue



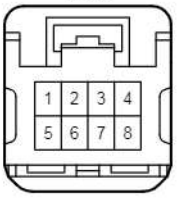
z 1
White



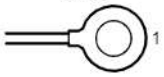
1F
White



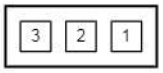
1G
White



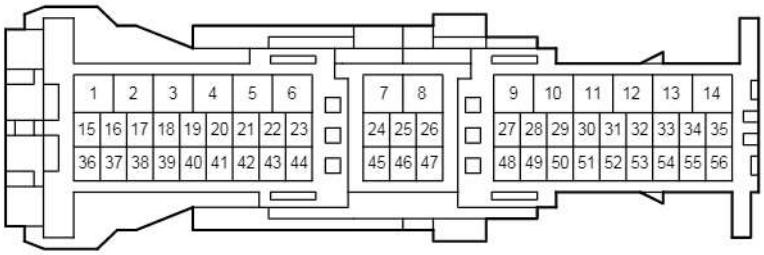
1I
White



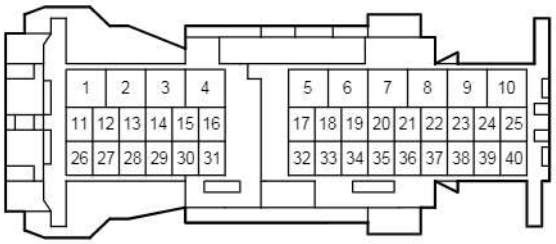
1M



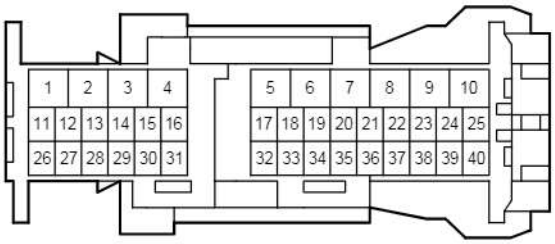
3A
White



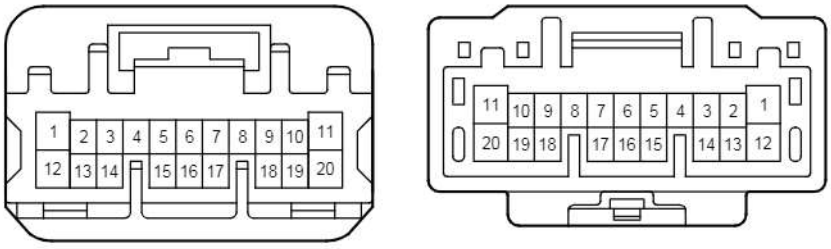
3B
White



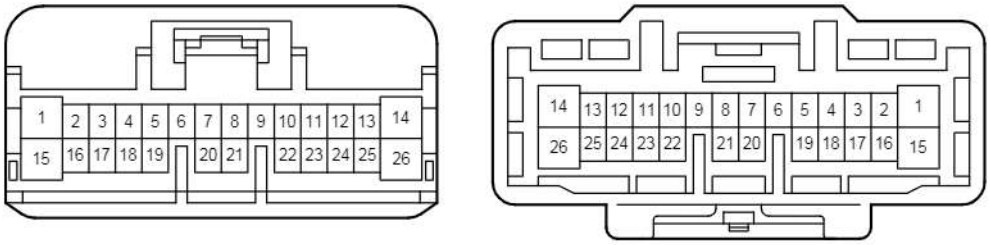
3D
White



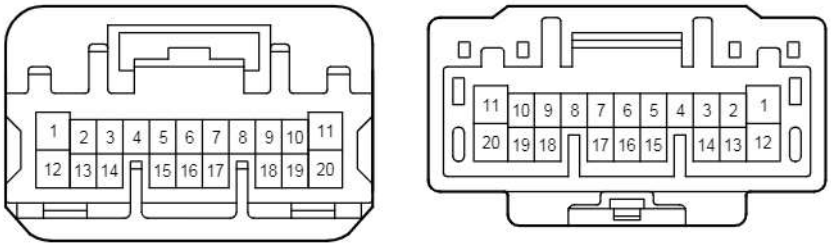
EA2
White



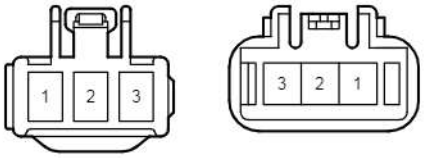
IA3
Blue



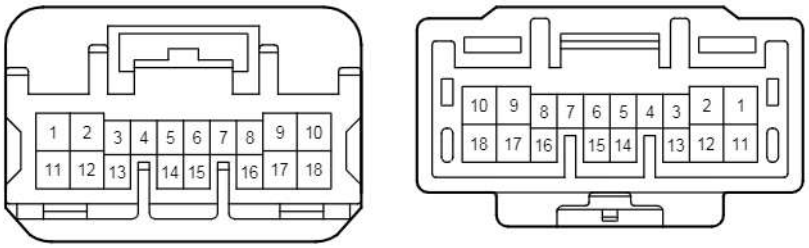
IA4
Gray

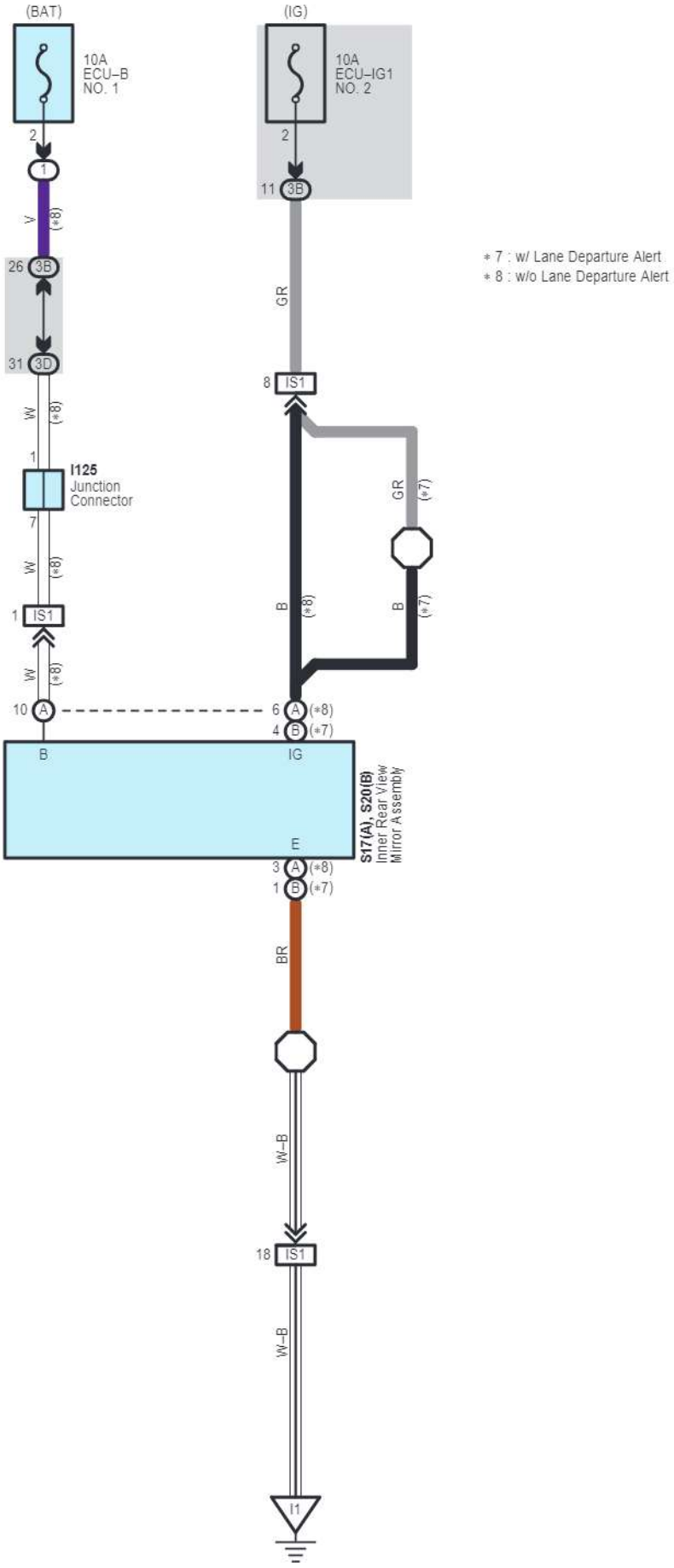


IA6
Blue

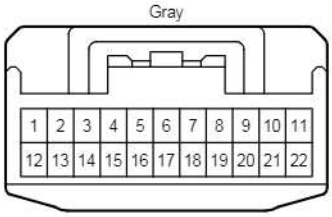


IA8
Gray




(BAT)
(IG)
10A
ECU–B
NO. 1
10A
ECU–IG1
NO. 2
2
1
V
(*8)
26
3B
31
3D
W
1
I125
Junction
Connector
7
1
IS1
10
A
B
2
11
3B
GR
8
IS1
GR
(*7)
B
(*8)
B
(*7)
6
A
(*8)
4
B
(*7)
IG
S17(A), S20(B)
Inner Rear View
Mirror Assembly
E
3
A
(*8)
1
B
(*7)
BR
W–B
18
IS1
W–B
I1
* 7 : w/ Lane Departure Alert
* 8 : w/o Lane Departure Alert

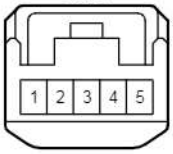
I125
Gray



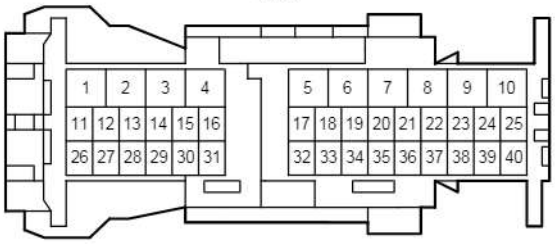
S 17
Black



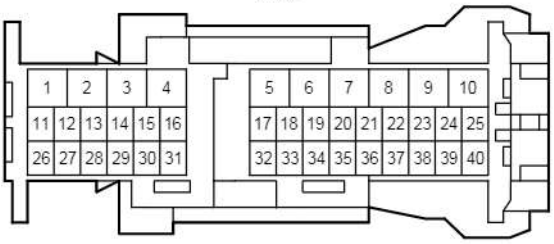
S 20
Black



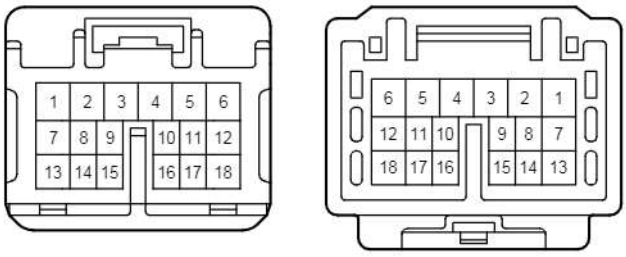
3B
White

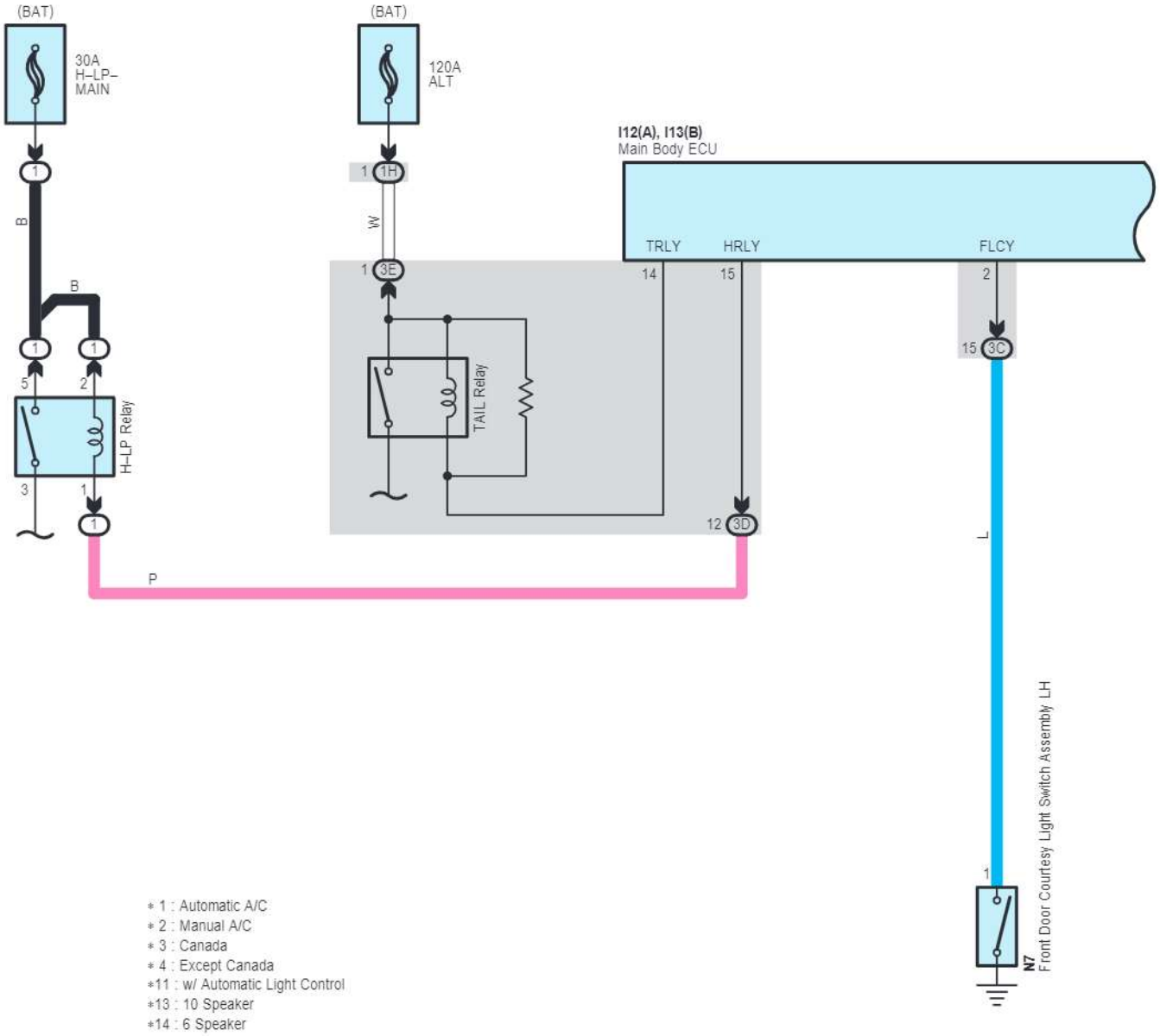


3D
White

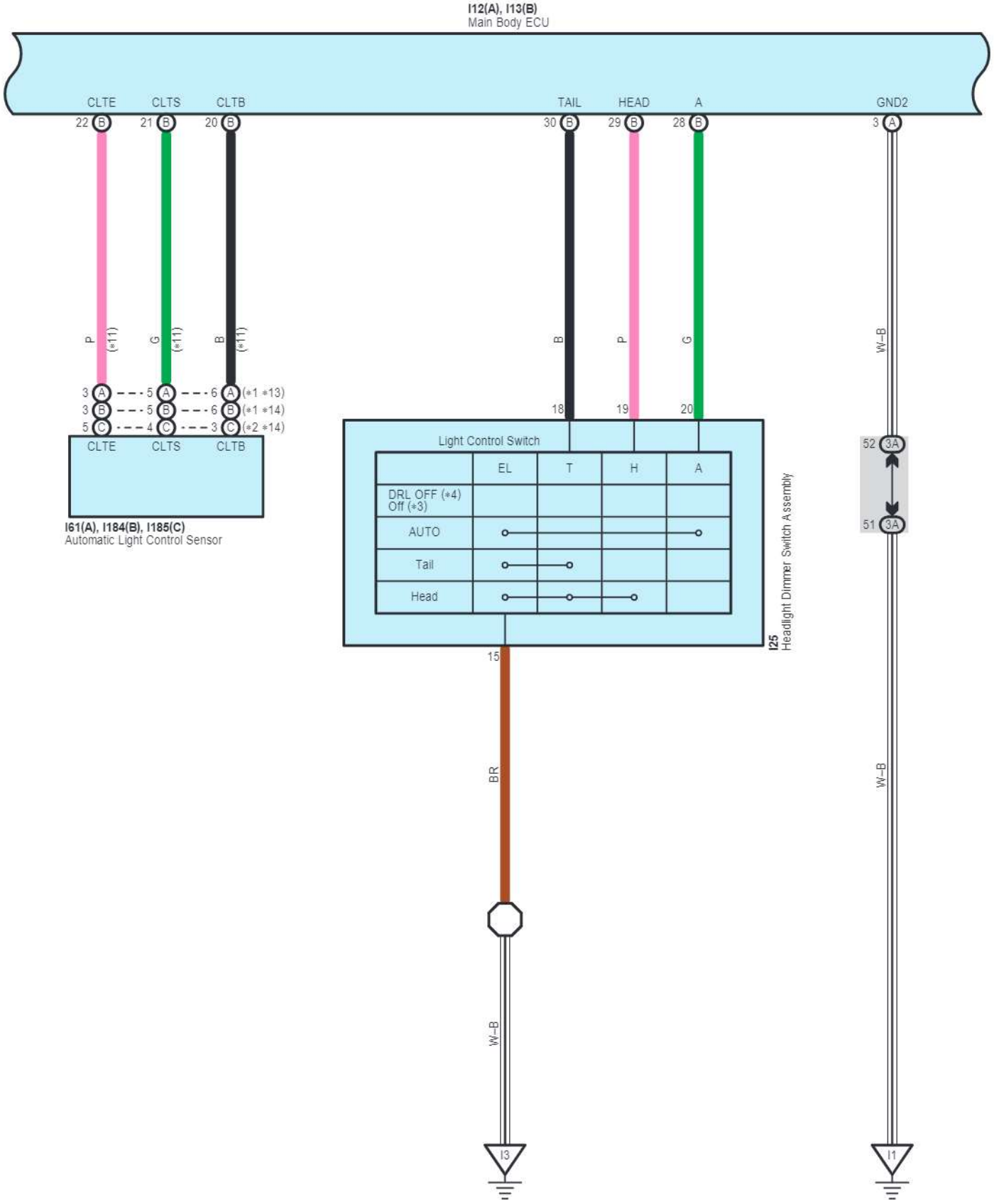


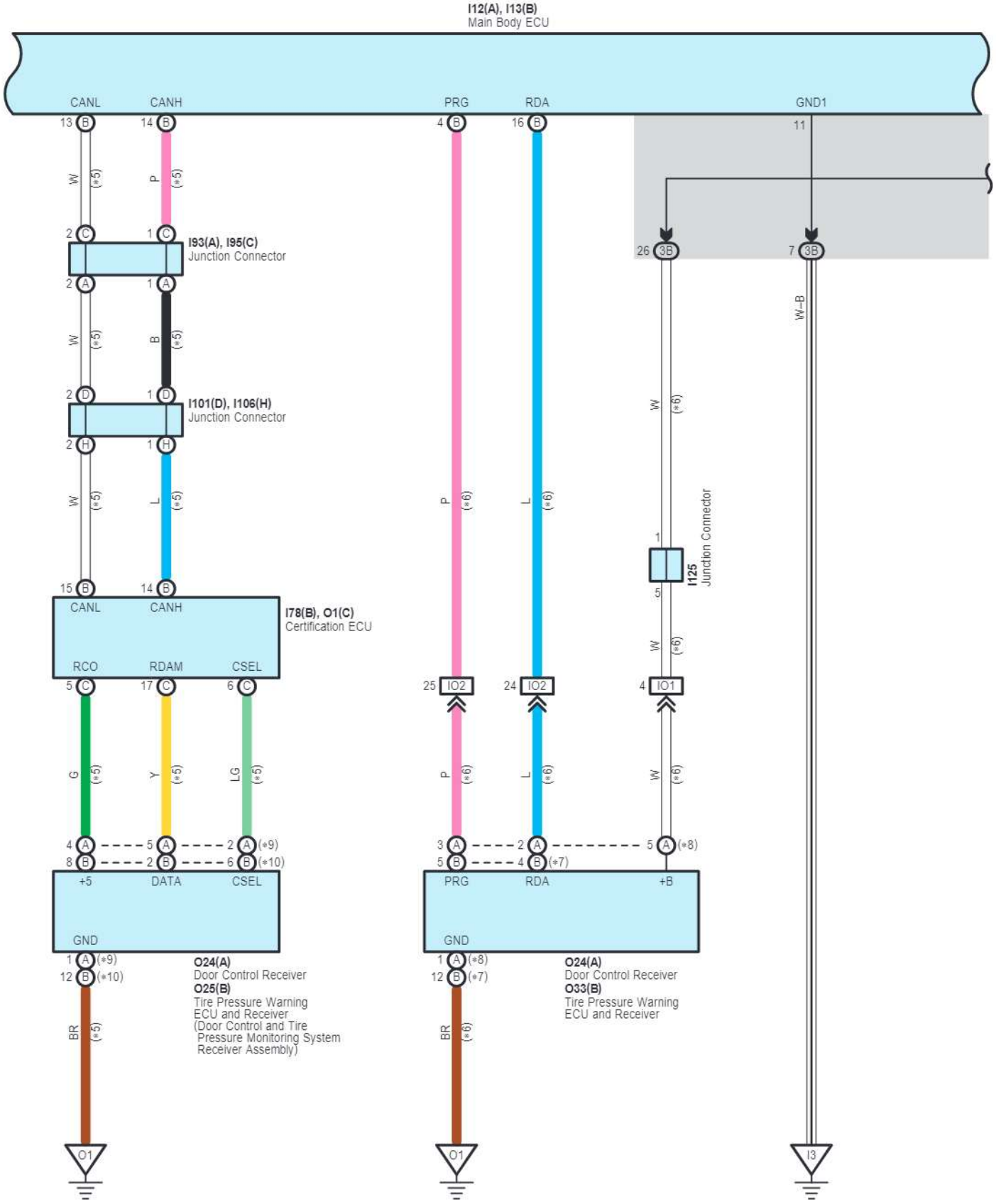
IS1
White

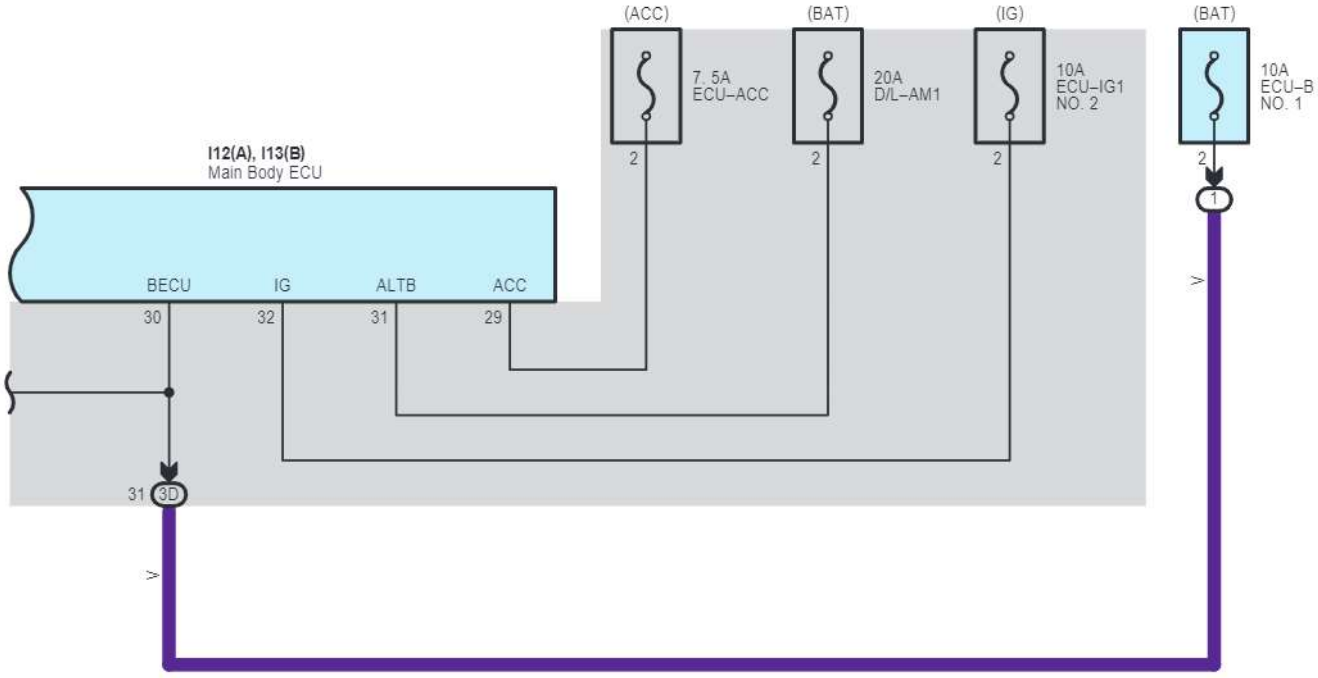




* 1 : Automatic A/C
* 2 : Manual A/C
* 3 : Canada
* 4 : Except Canada
*11 : w/ Automatic Light Control
*13 : 10 Speaker
*14 : 6 Speaker

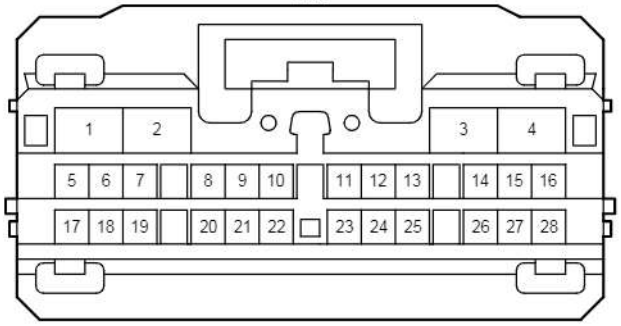

I12(A), I13(B)
Main Body ECU
CLTE
CLTS
CLTB
TAIL
HEAD
A
GND2
22 B
21 B
20 B
30 B
29 B
28 B
3 A
P (*11)
G (*11)
B (*11)
B
P
G
W-B
3 A - 5 A - 6 A (*1 *13)
3 B - 5 B - 6 B (*1 *14)
5 C - 4 C - 3 C (*2 *14)
CLTE CLTS CLTB
I61(A), I184(B), I185(C)
Automatic Light Control Sensor
18
19
20
Light Control Switch
EL
T
H
A
DRL OFF (*4)
Off (*3)
AUTO
Tail
Head
I25
Headlight Dimmer Switch Assembly
15
52 3A
51 3A
BR
W-B
W-B
I3
I1


I12(A), I13(B)
Main Body ECU
CANL
CANH
PRG
RDA
GND1
I93(A), I95(C)
Junction Connector
I101(D), I106(H)
Junction Connector
I78(B), O1(C)
Certification ECU
RCO
RDAM
CSEL
+5
DATA
CSEL
GND
PRG
RDA
+B
GND
O24(A)
Door Control Receiver
O25(B)
Tire Pressure Warning ECU and Receiver
(Door Control and Tire Pressure Monitoring System Receiver Assembly)
O24(A)
Door Control Receiver
O33(B)
Tire Pressure Warning ECU and Receiver
I125
Junction Connector
O1
O1
I3

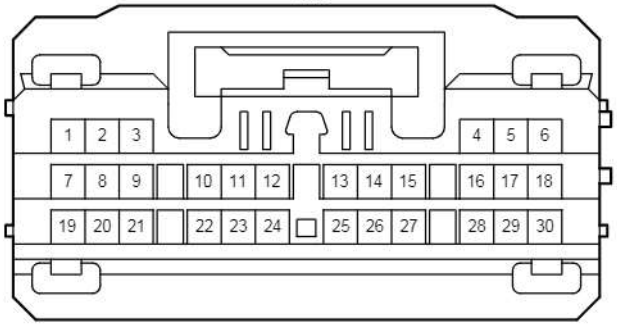


∗ 5 : w/ Smart Key System
∗ 6 : w/o Smart Key System
∗ 7 : w/ Tire Pressure Warning System
∗ 8 : w/o Tire Pressure Warning System
∗ 9 : Korea
∗10 : Except Korea

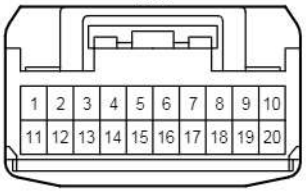
I 12
White



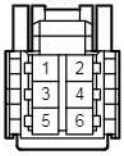
I 13
White



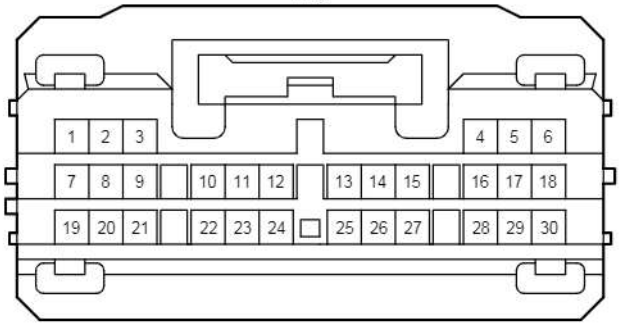
I 25
Black



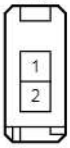
I 61
Blue



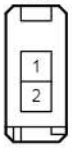
I 78
White



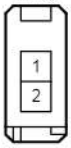
I 93
White



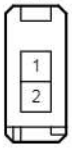
I 95
White



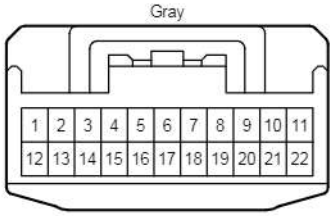
I101
White



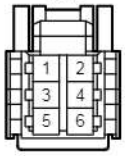
I106
White



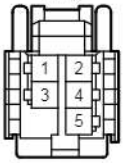
I125
Gray



I184
Blue



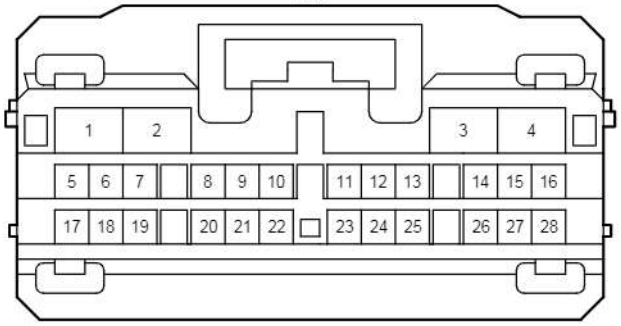
I185
White



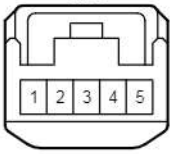
N 7
Black



O 1
White



O 24
White



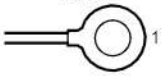
O 25
White



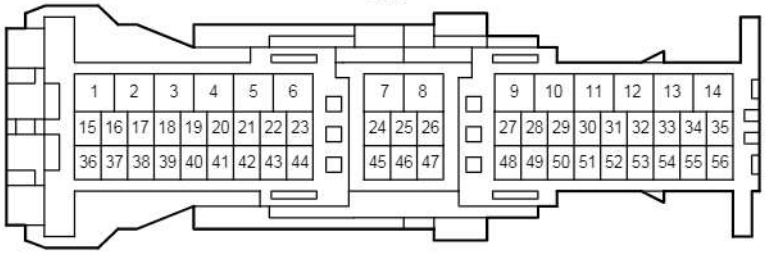
O 33
White



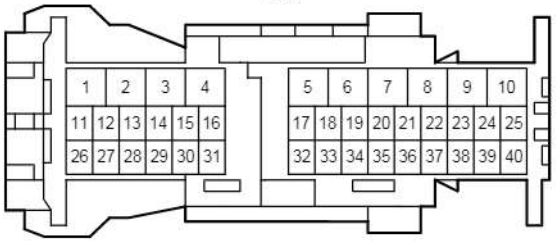
1H
White



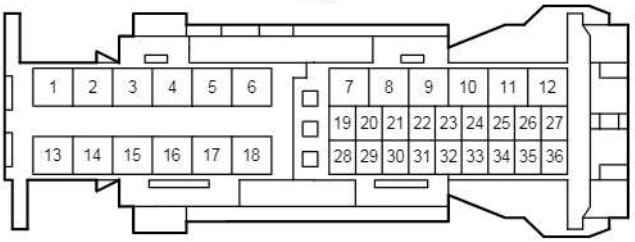
3A
White



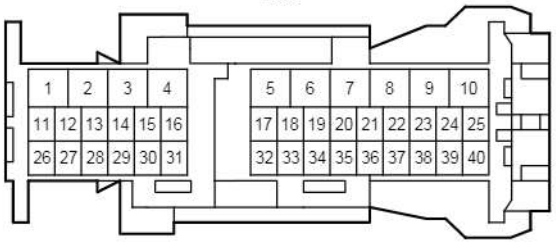
3B
White



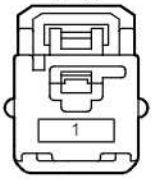
3C
White



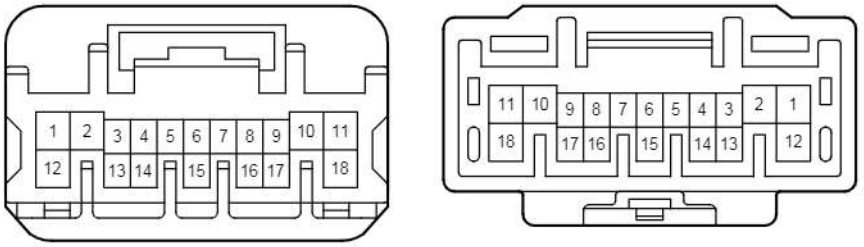
3D
White

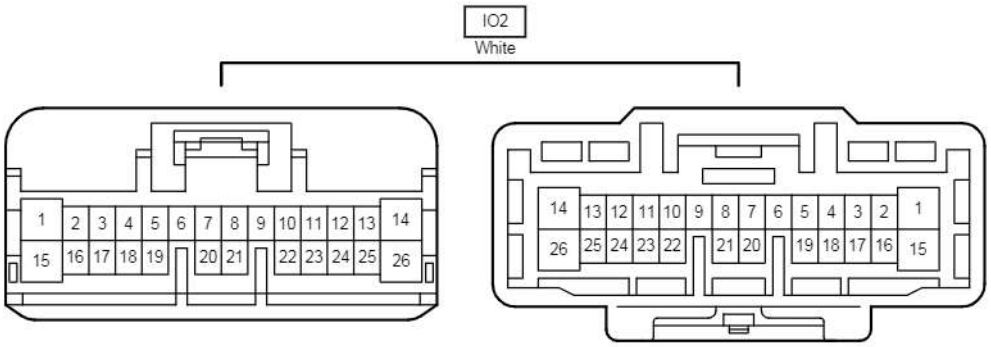


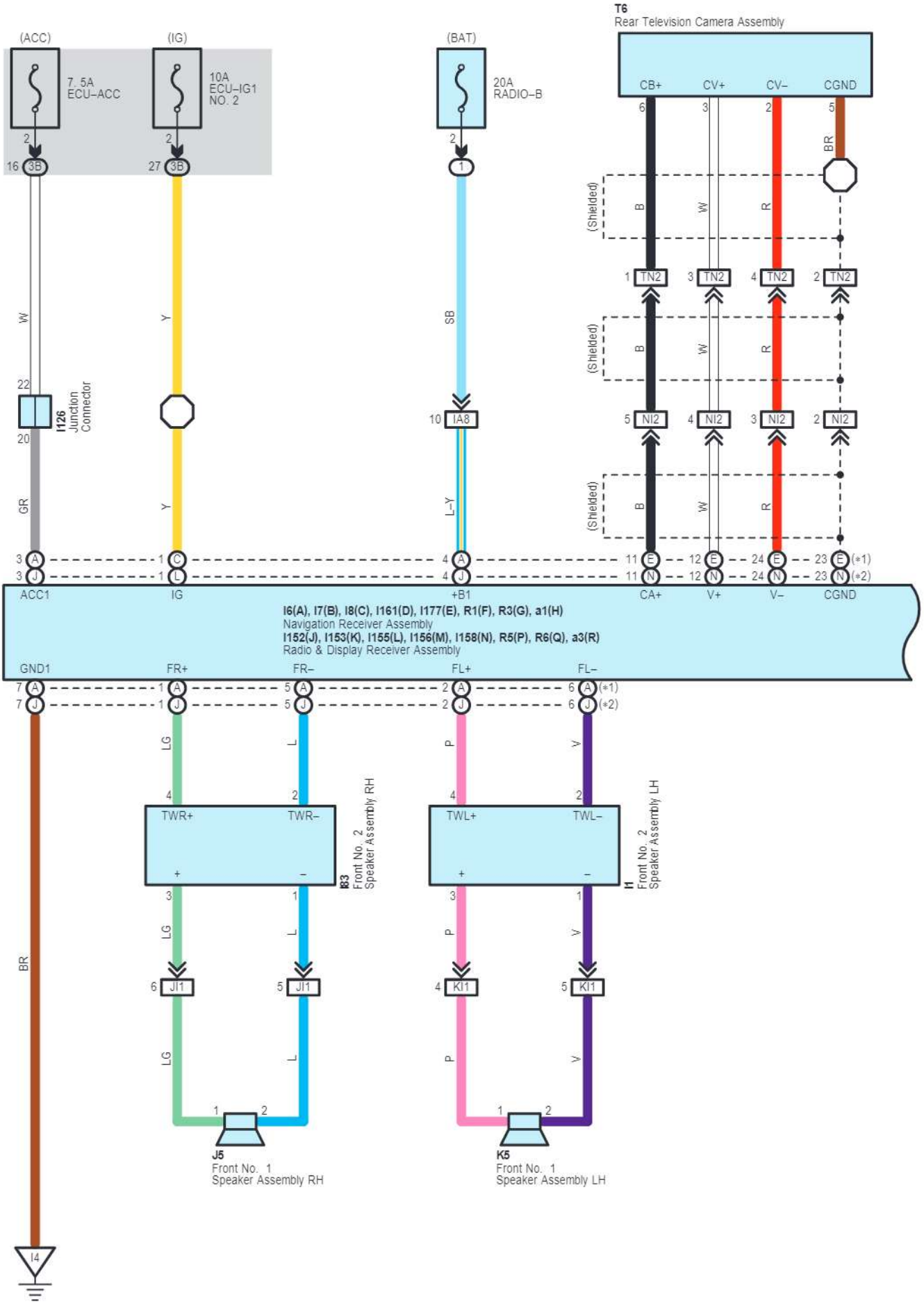
3E
White



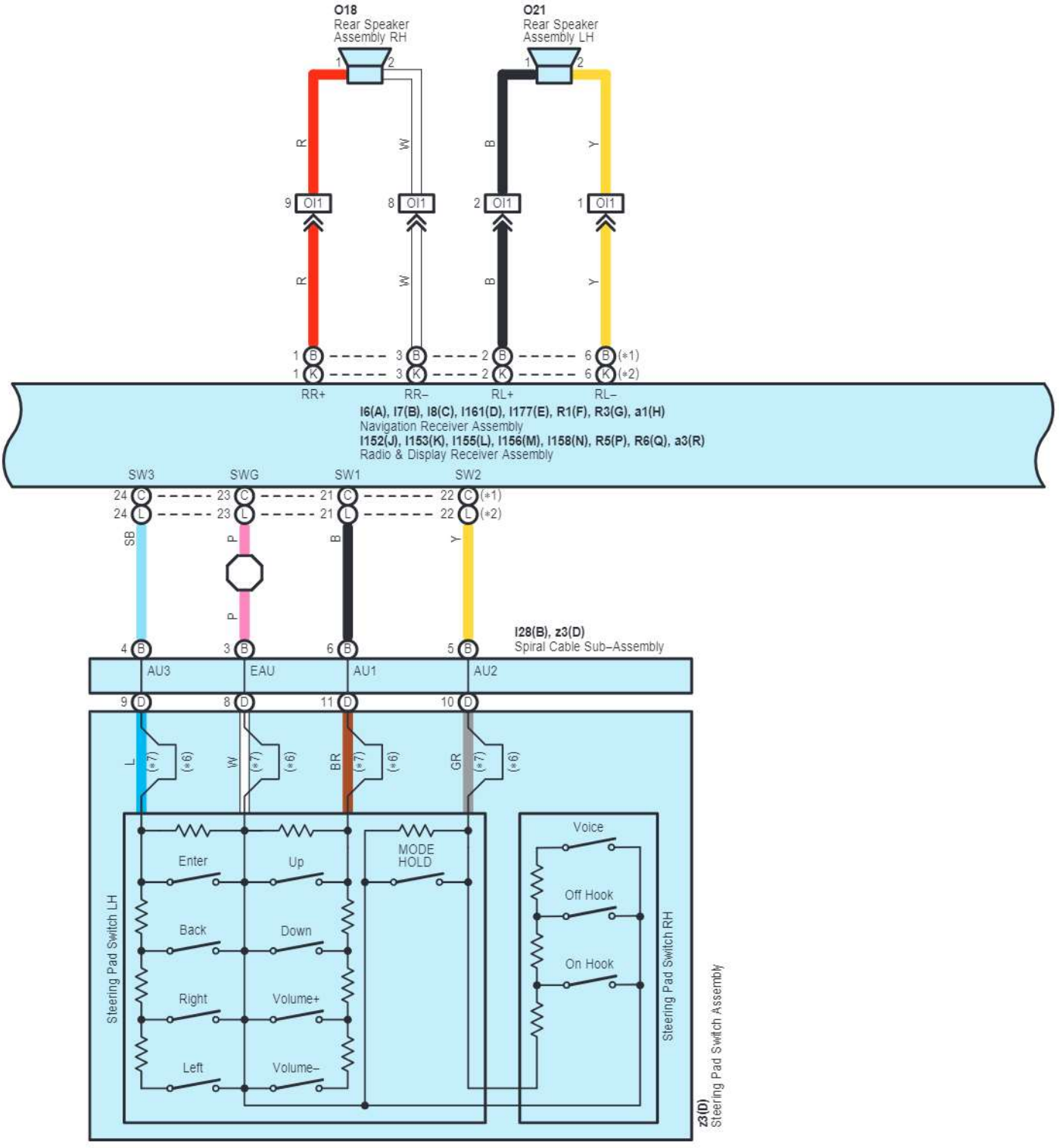
IO1
White

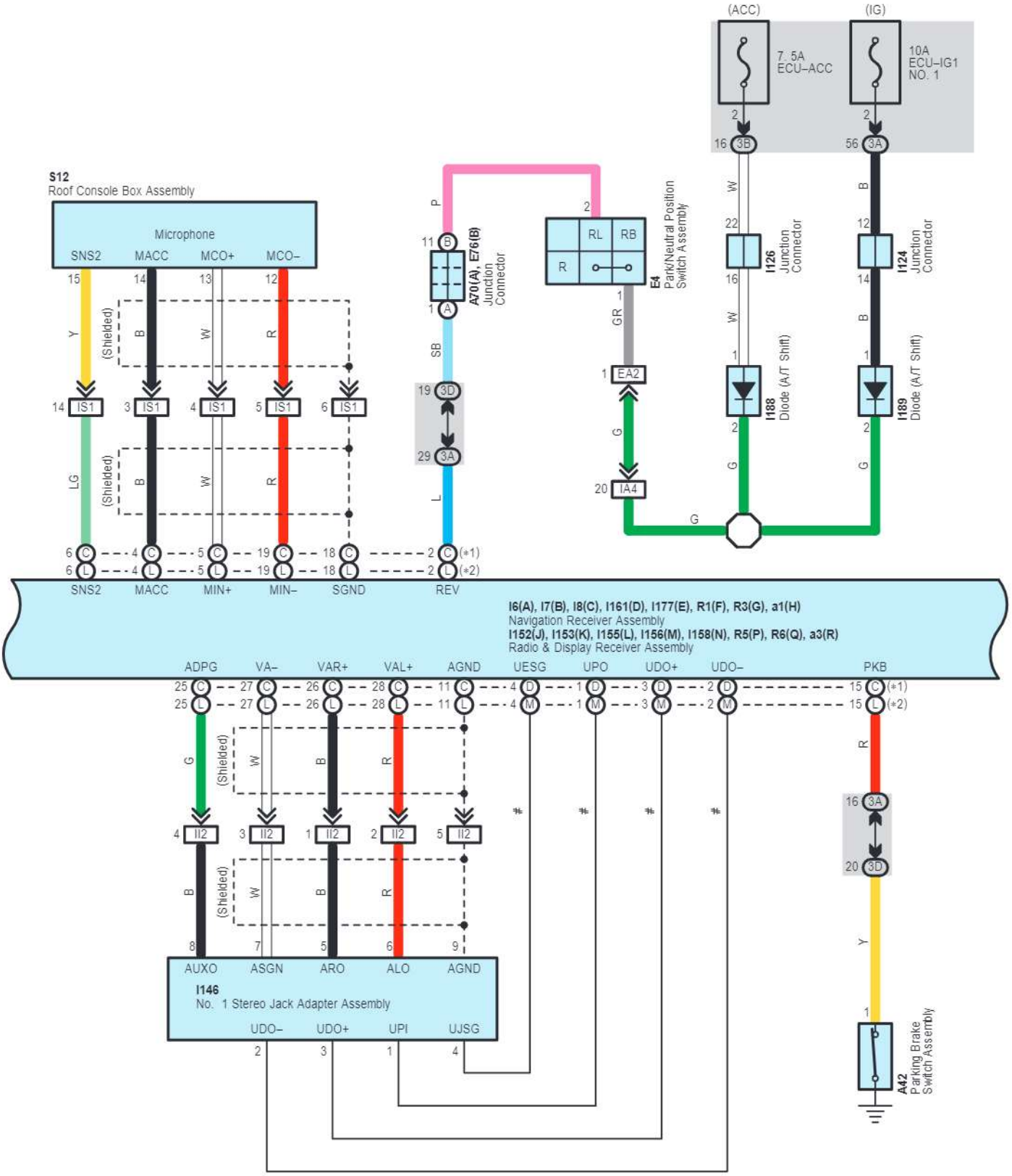



IO2
White
1 2 3 4 5 6 7 8 9 10 11 12 13 14
15 16 17 18 19 20 21 22 23 24 25 26
14 13 12 11 10 9 8 7 6 5 4 3 2 1
26 25 24 23 22 21 20 19 18 17 16 15


(ACC)
(IG)
(BAT)
7. 5A
ECU–ACC
10A
ECU–IG1
NO. 2
20A
RADIO–B
T6
Rear Television Camera Assembly
CB+
CV+
CV–
CGND
I126
Junction
Connector
I6(A), I7(B), I8(C), I161(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
ACC1
IG
+B1
CA+
V+
V–
CGND
GND1
FR+
FR–
FL+
FL–
TWR+
TWR–
TWL+
TWL–
B3
Front No. 2
Speaker Assembly RH
I1
Front No. 2
Speaker Assembly LH
J5
Front No. 1
Speaker Assembly RH
K5
Front No. 1
Speaker Assembly LH
(Shielded)
I4

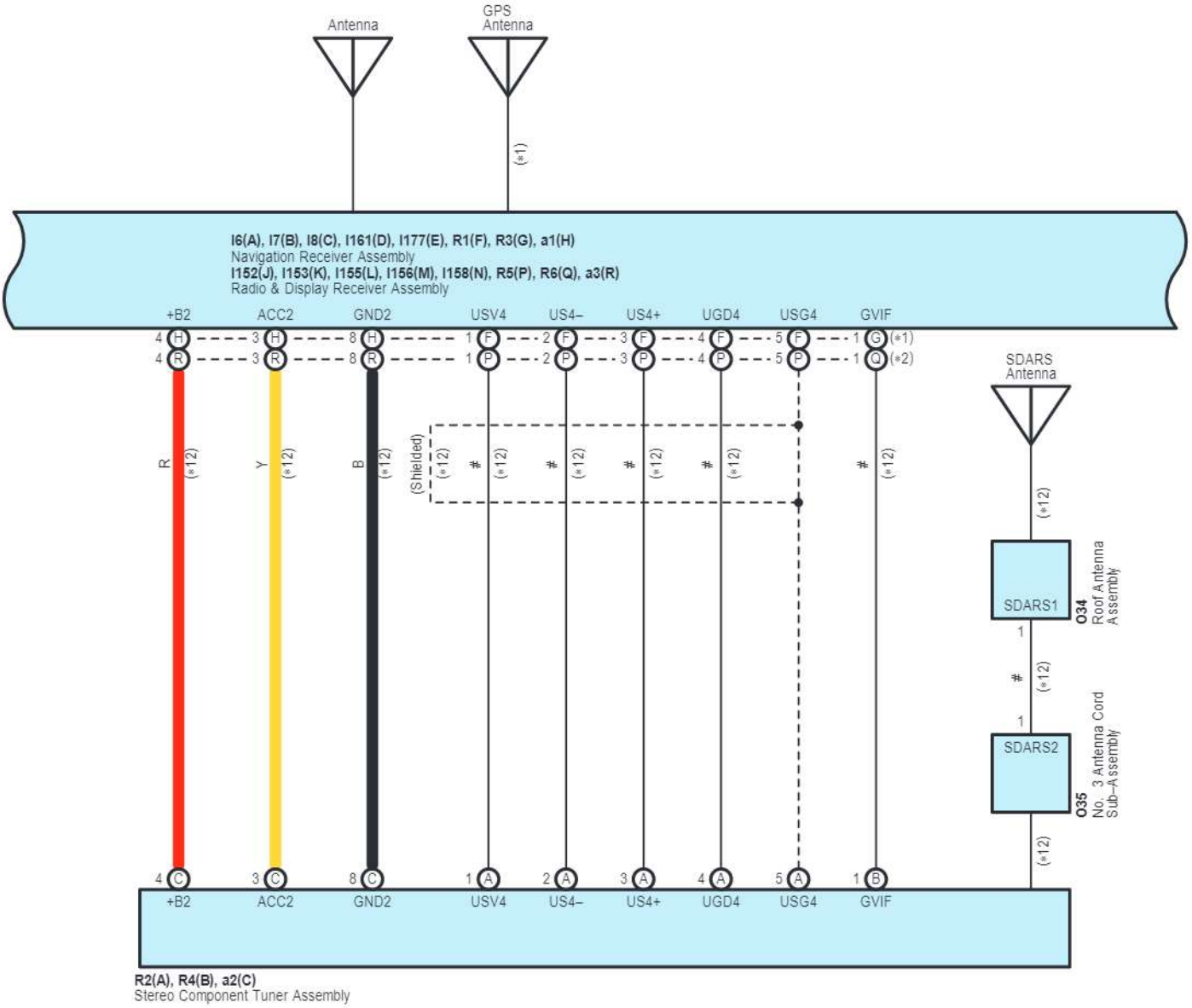
* 1 : Navigation Receiver Type
* 2 : Radio & Display Receiver Type
* 6 : w/ Paddle Shift Switch w/o Dynamic Radar Cruise Control
* 7 : Except *6



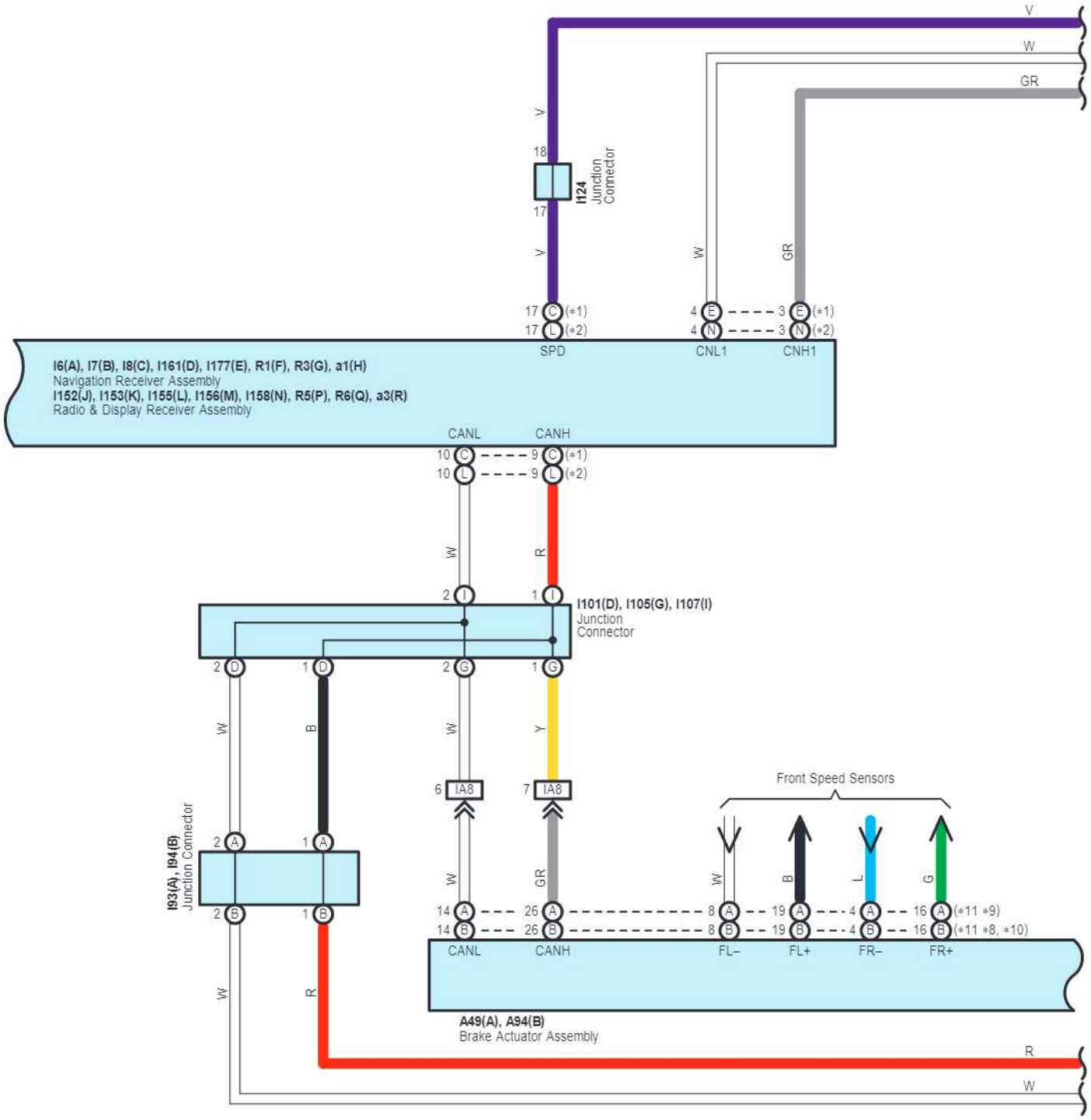

(ACC)
(IG)
7. 5A
ECU–ACC
10A
ECU–IG1
NO. 1
S12
Roof Console Box Assembly
Microphone
SNS2
MACC
MCO+
MCO–
A70(A), E76(B)
Junction
Connector
E4
Park/Neutral Position
Switch Assembly
I126
Junction
Connector
I124
Junction
Connector
I188
Diode (A/T Shift)
I189
Diode (A/T Shift)
I6(A), I7(B), I8(C), I161(D), 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
SNS2
MACC
MIN+
MIN–
SGND
REV
ADPG
VA–
VAR+
VAL+
AGND
UESG
UPO
UDO+
UDO–
PKB
(Shielded)
I146
No. 1 Stereo Jack Adapter Assembly
AUXO
ASGN
ARO
ALO
AGND
UDO–
UDO+
UPI
UJSG
A42
Parking Brake
Switch Assembly

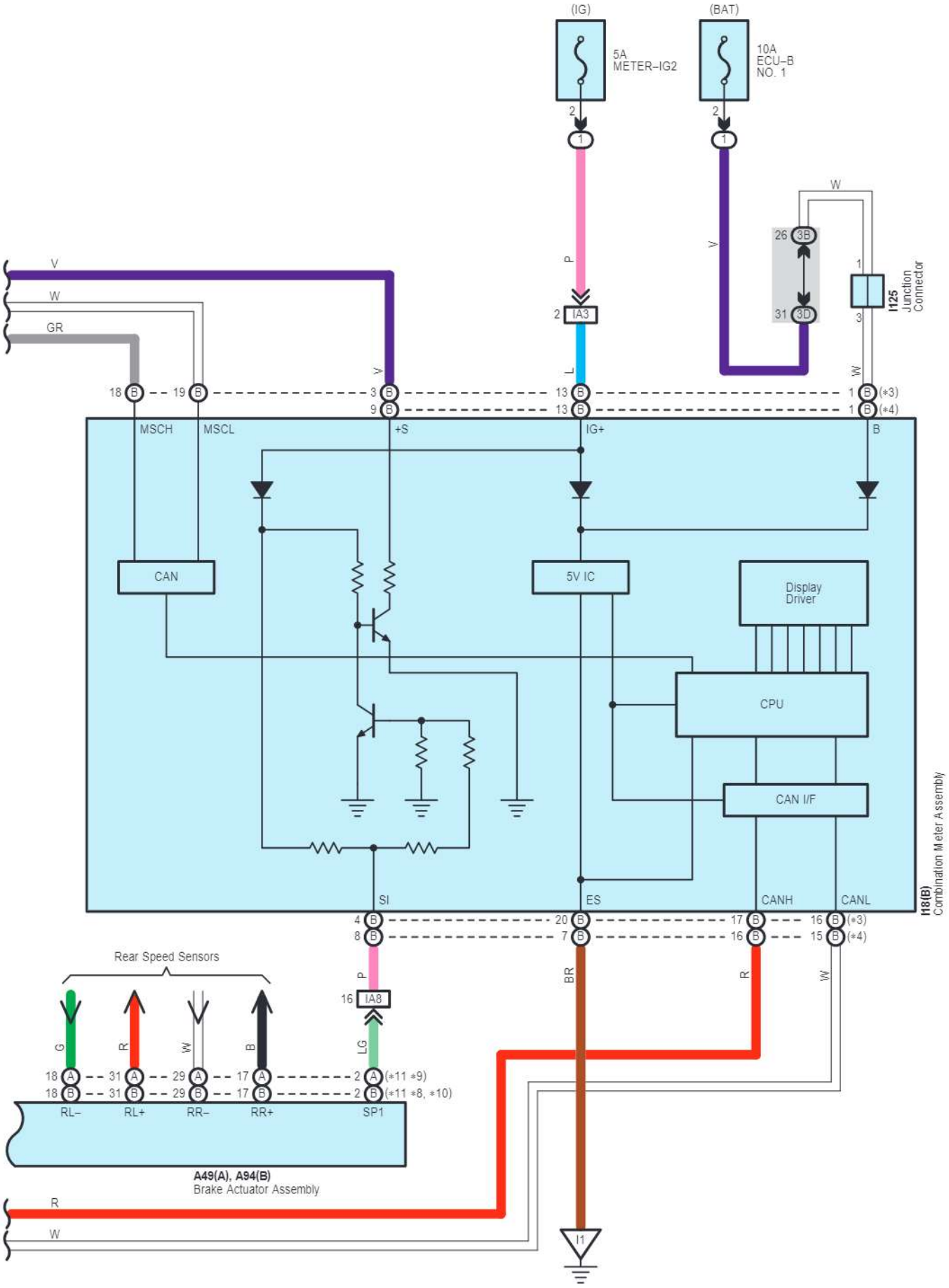
∗1 : Navigation Receiver Type
∗2 : Radio & Display Receiver Type
∗12 : w/ SDARS

: There is no wire color information.



* 1 : Navigation Receiver Type
* 2 : Radio & Display Receiver Type
* 3 : w/ TFT Display
* 4 : w/o TFT Display
* 8 : w/ Dynamic Radar Cruise Control
* 9 : w/o Dynamic Radar Cruise Control
*10 : 2GR–FE
*11 : 2AR–FE

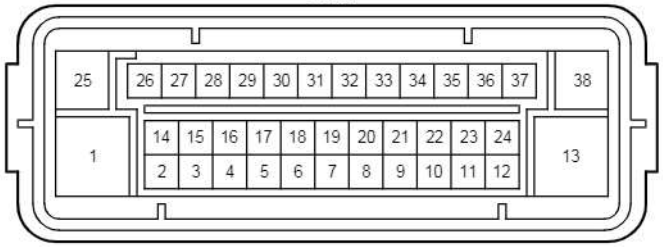



(IG)
5A
METER-IG2
(BAT)
10A
ECU-B
NO. 1
2
1
P
2 IA3
V
W
26 3B
31 3D
1
3
I125
Junction
Connector
V
W
GR
L
W
18 B
19 B
3 B
9 B
13 B
13 B
1 B (*3)
1 B (*4)
MSCH
MSCL
+S
IG+
B
CAN
5V IC
Display
Driver
CPU
CAN I/F
SI
ES
CANH
CANL
4 B
8 B
20 B
7 B
17 B
16 B
16 B
15 B (*3)
(*4)
I18(B)
Combination Meter Assembly
Rear Speed Sensors
P
16 IA8
BR
R
W
G
R
W
B
LG
18 A
18 B
31 A
31 B
29 A
29 B
17 A
17 B
2 A (*11 *9)
2 B (*11 *8, *10)
RL-
RL+
RR-
RR+
SP1
A49(A), A94(B)
Brake Actuator Assembly
R
W
I1

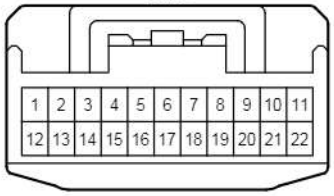
A 42
Black



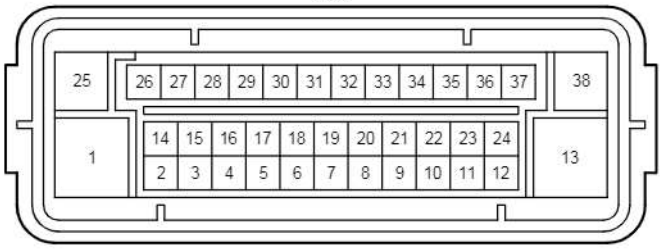
A 49
Black



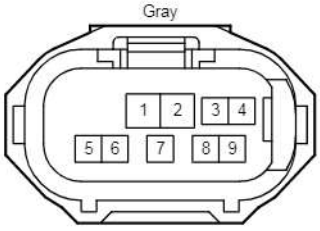
A 70
White



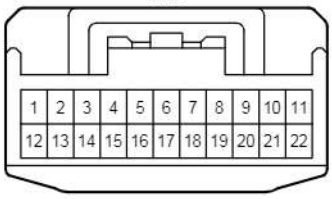
A 94
Black



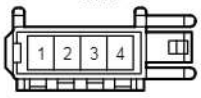
E 4
Gray



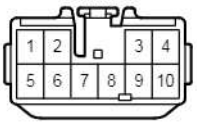
E 76
White



I 1
White



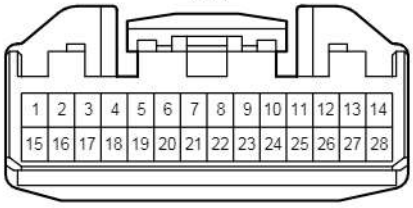
I 6
White



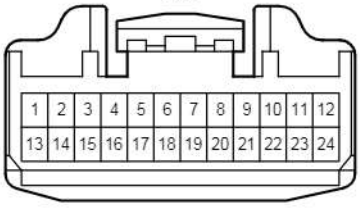
I 7
White



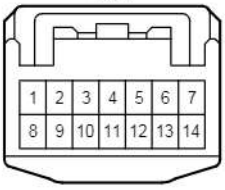
I 8
White



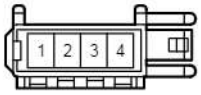
I 18
Black



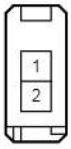
I 28
Black



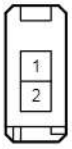
I 83
White



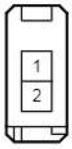
I 93
White



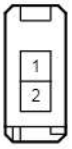
I 94
White



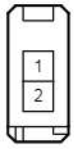
I101
White



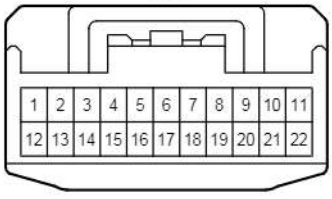
I105
White



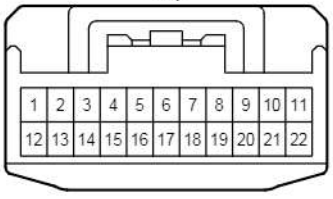
I107
White



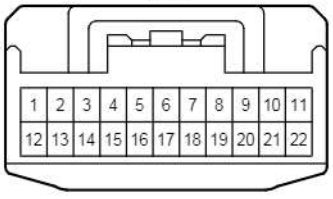
I124
White



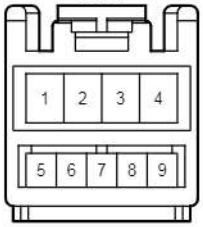
I125
Gray



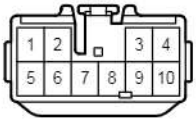
I126
White



I146
Black



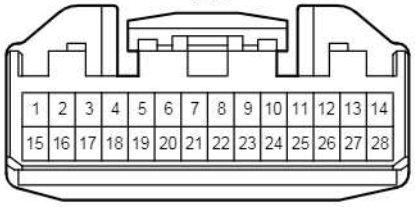
I152
White



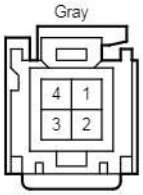
I153
White



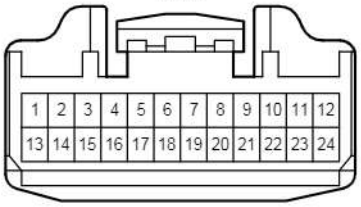
I155
White



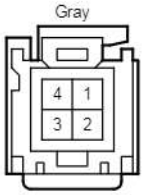
I156
Gray



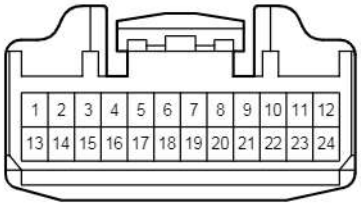
I158
White



I161
Gray



I177
White



I188
Gray



I189
Gray



J 5
Black



K 5
Black



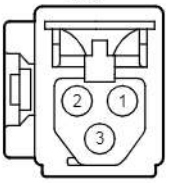
O 18
Black



O 21
Black



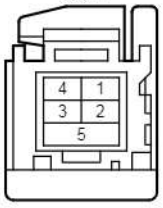
O 34
Blue



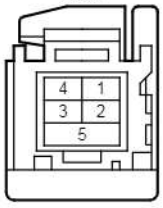
O 35
Gray



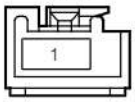
R 1
Brown



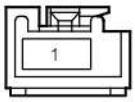
R 2
Brown



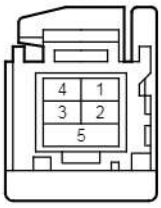
R 3
White



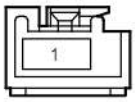
R 4
White



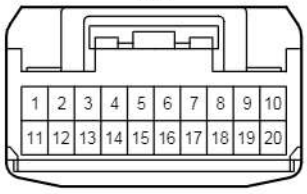
R 5
Brown



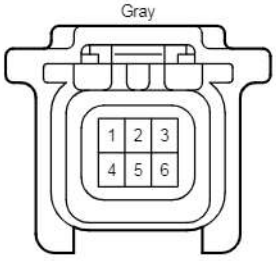
R 6
White



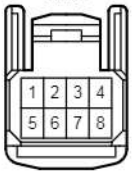
S 12
Black



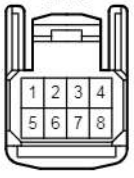
T 6
Gray



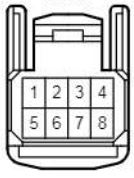
a 1
White



a 2
White



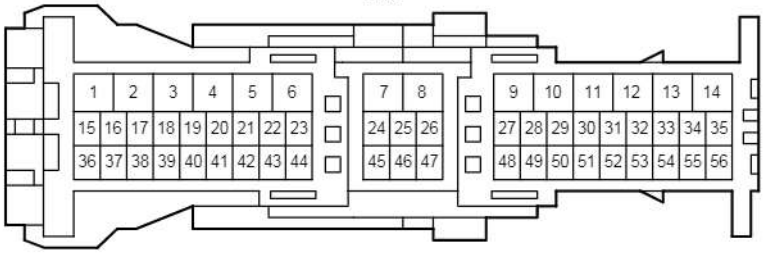
a 3
White



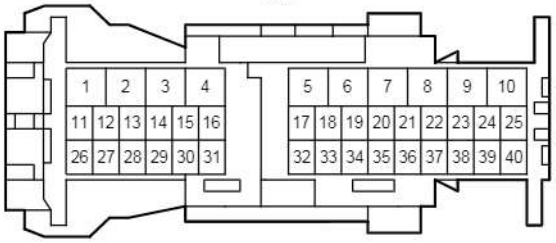
z 3
Black



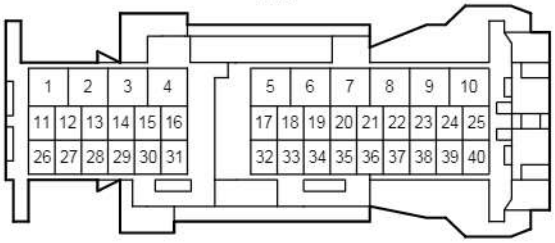
3A
White



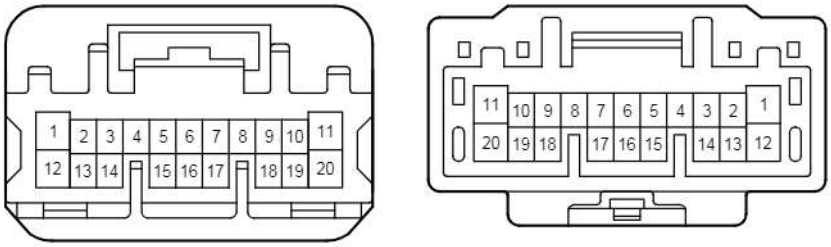
3B
White



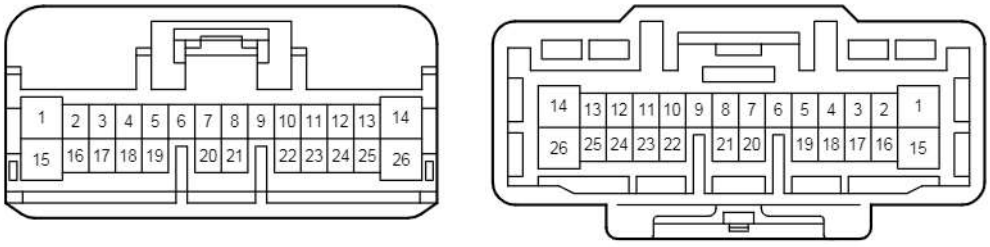
3D
White



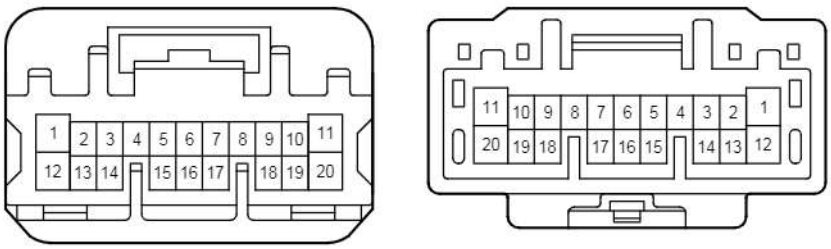
EA2
White



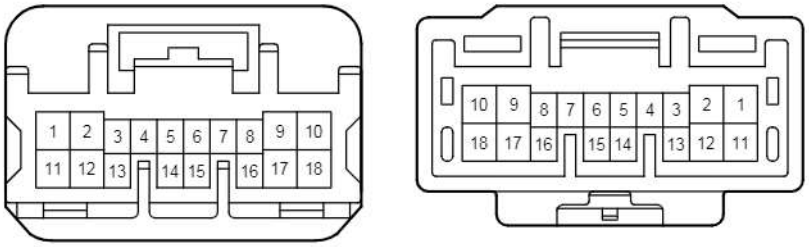
IA3
Blue



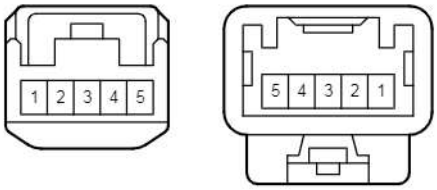
IA4
Gray



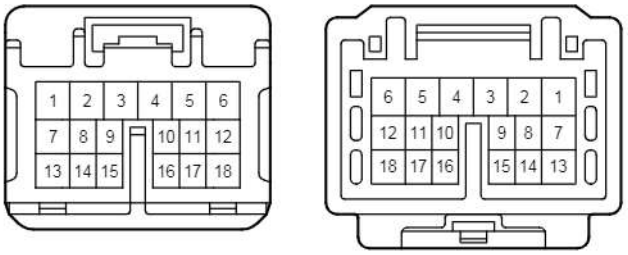
IA8
Gray



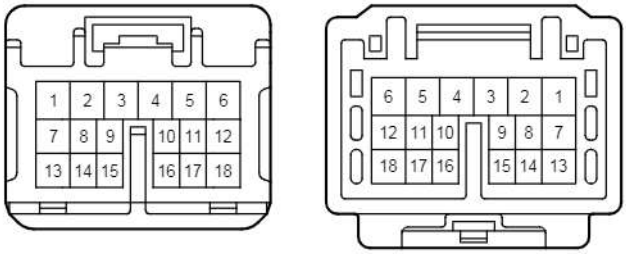
II2
White



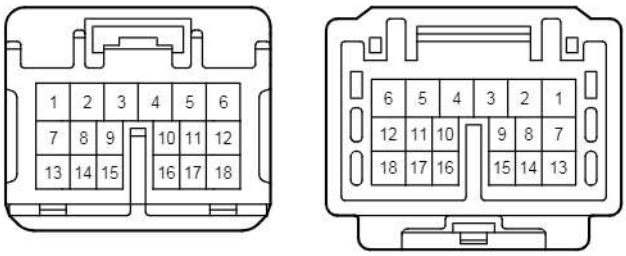
IS1
White

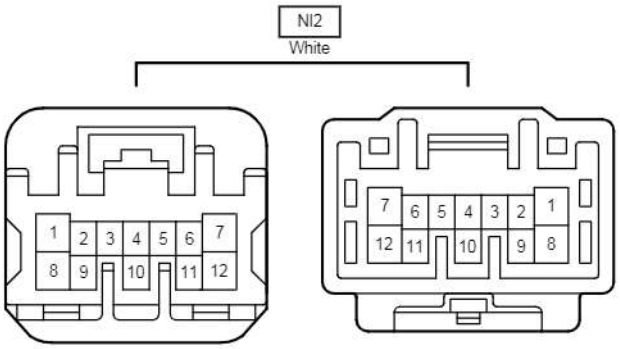


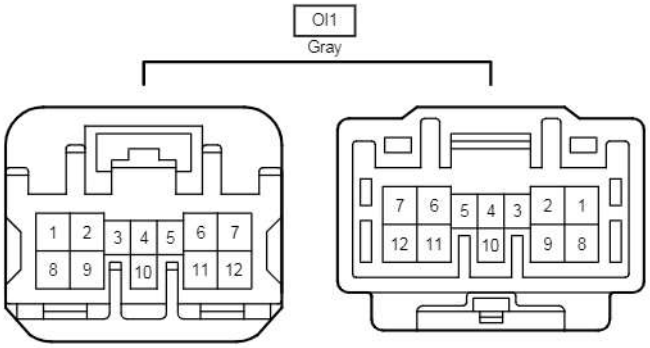
JI1
Gray

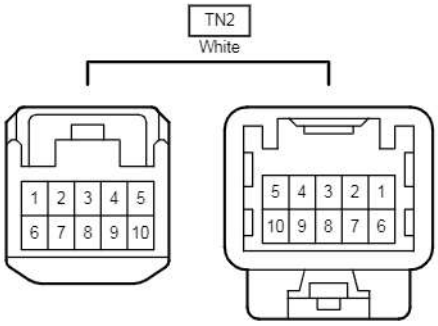


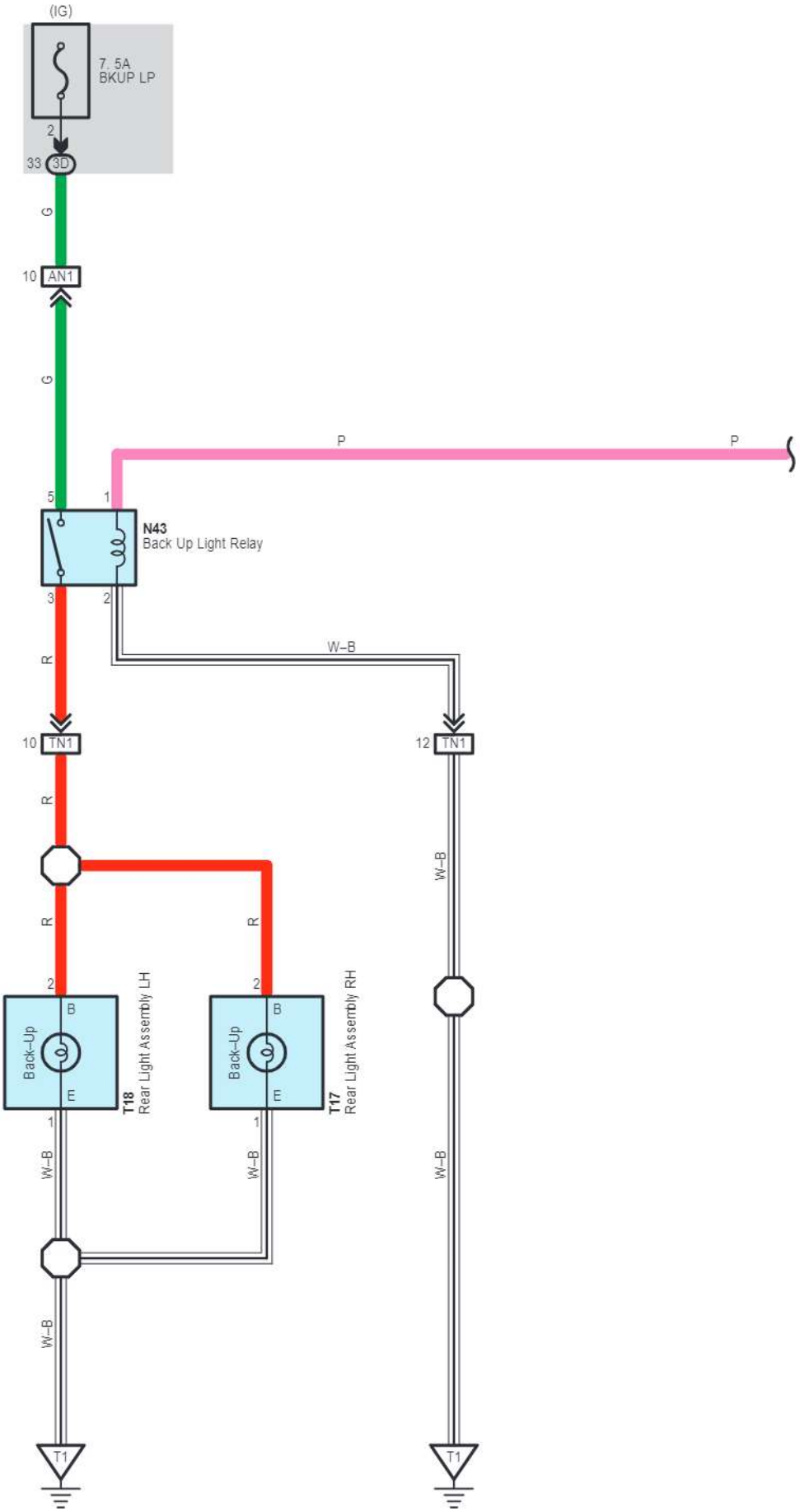
KI1
White

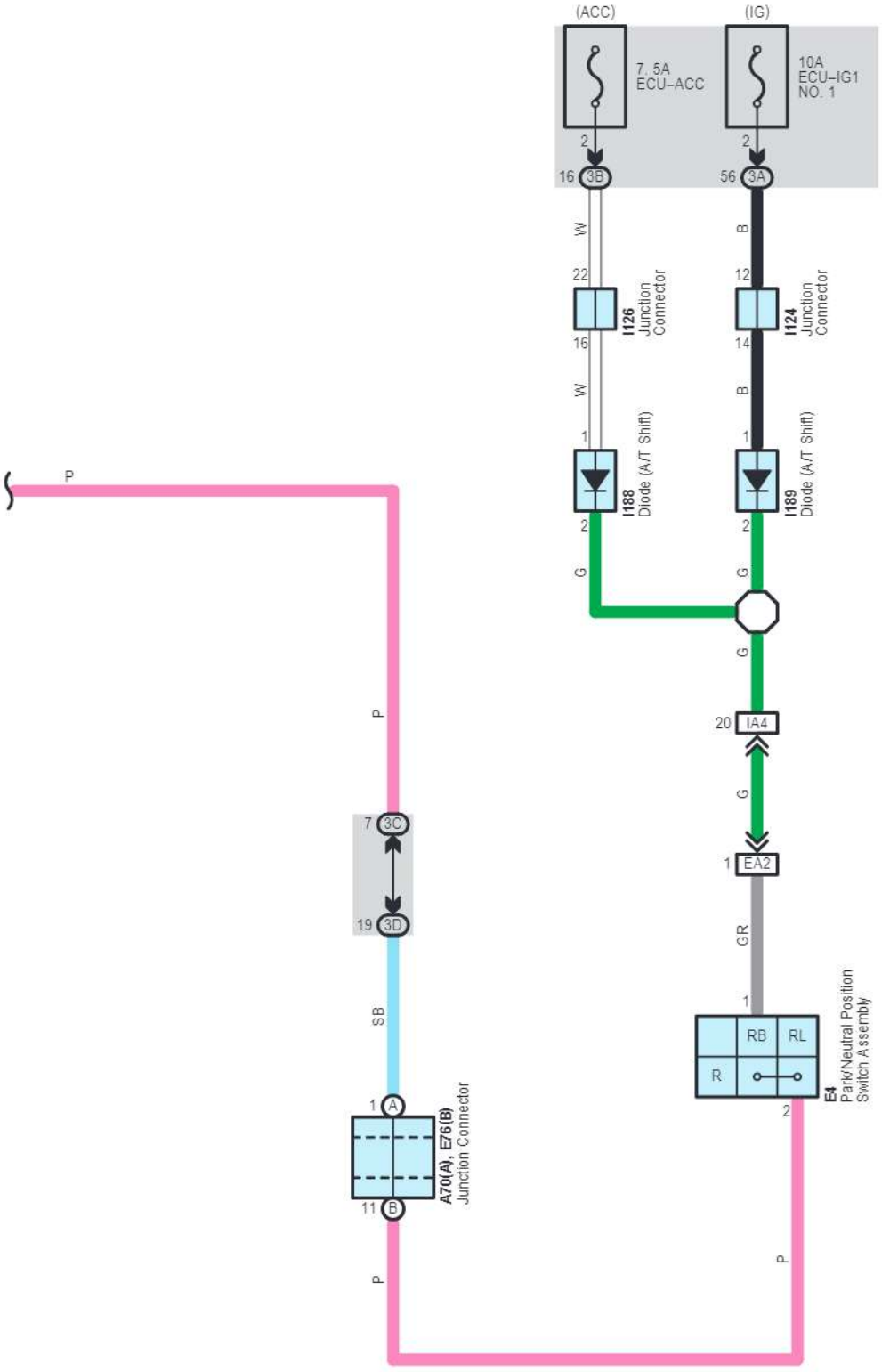



NI2
White
1 2 3 4 5 6 7
8 9 10 11 12
7 6 5 4 3 2 1
12 11 10 9 8

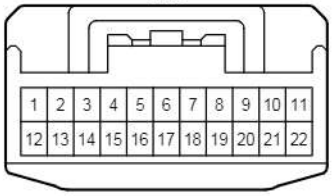

OI1
Gray
1 2 3 4 5 6 7
8 9 10 11 12
7 6 5 4 3 2 1
12 11 10 9 8


TN2
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

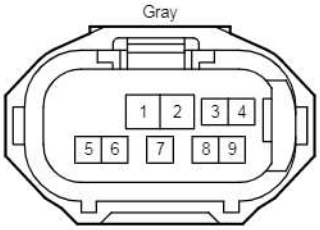

(IG)
7. 5A
BKUP LP
2
33 3D
G
10 AN1
G
P
P
5
1
N43
Back Up Light Relay
3
2
W-B
R
10 TN1
12 TN1
R
W-B
R
R
2
2
B
Back-Up
E
T18
Rear Light Assembly LH
B
Back-Up
E
T17
Rear Light Assembly RH
1
1
W-B
W-B
W-B
W-B
T1
T1


(ACC)
(IG)
7. 5A
ECU-ACC
10A
ECU-IG1
NO. 1
2
16 3B
56 3A
W
B
22
12
I126
Junction
Connector
I124
Junction
Connector
16
14
W
B
1
1
I188
Diode (A/T Shift)
I189
Diode (A/T Shift)
2
2
G
G
G
20 IA4
G
1 EA2
GR
1
RB
RL
R
E4
Park/Neutral Position
Switch Assembly
2
P
P
7 3C
19 3D
SB
1 A
11 B
A70(A), E76(B)
Junction Connector
P
P

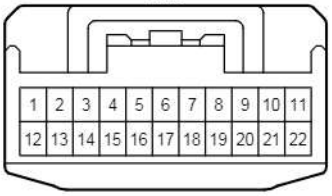
A 70
White



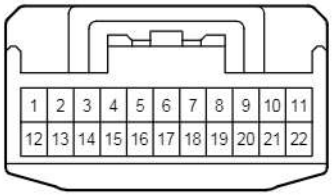
E 4
Gray



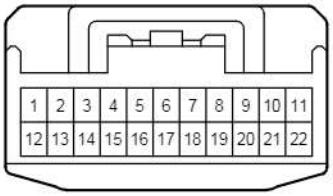
E 76
White



I124
White



I126
White



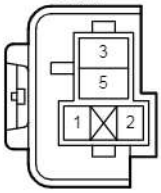
I188
Gray



I189
Gray



N 43
Black



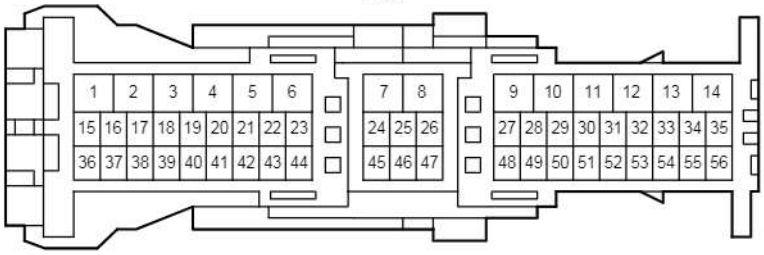
T 17
White



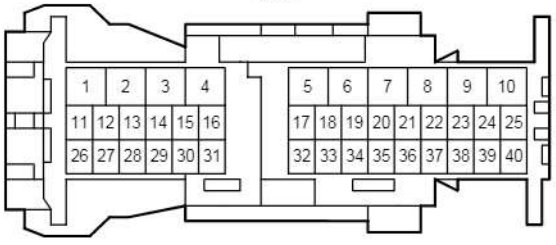
T 18
White



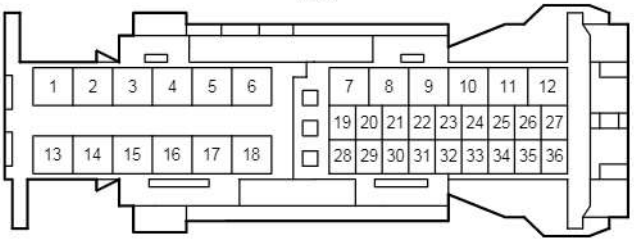
3A
White



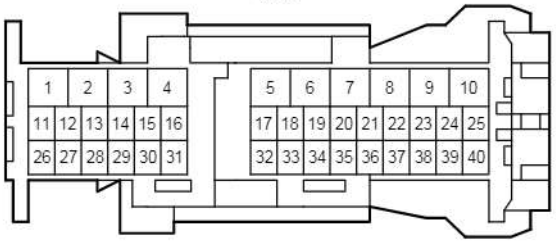
3B
White



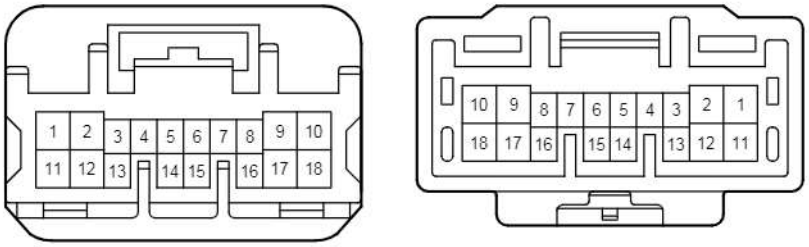
3C
White



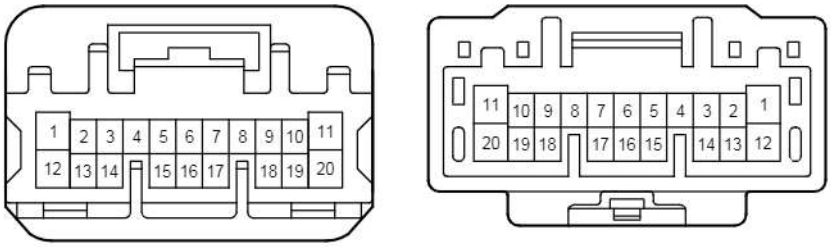
3D
White



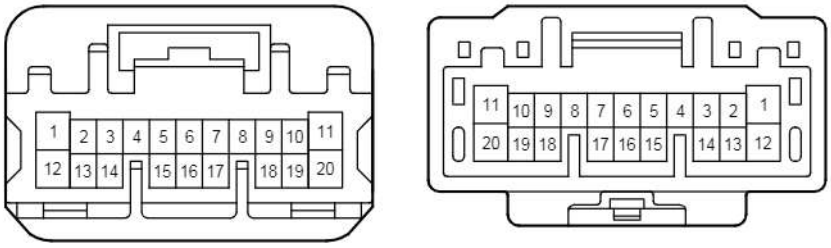
AN1
White



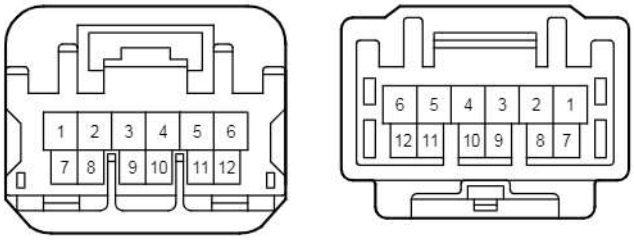
EA2
White

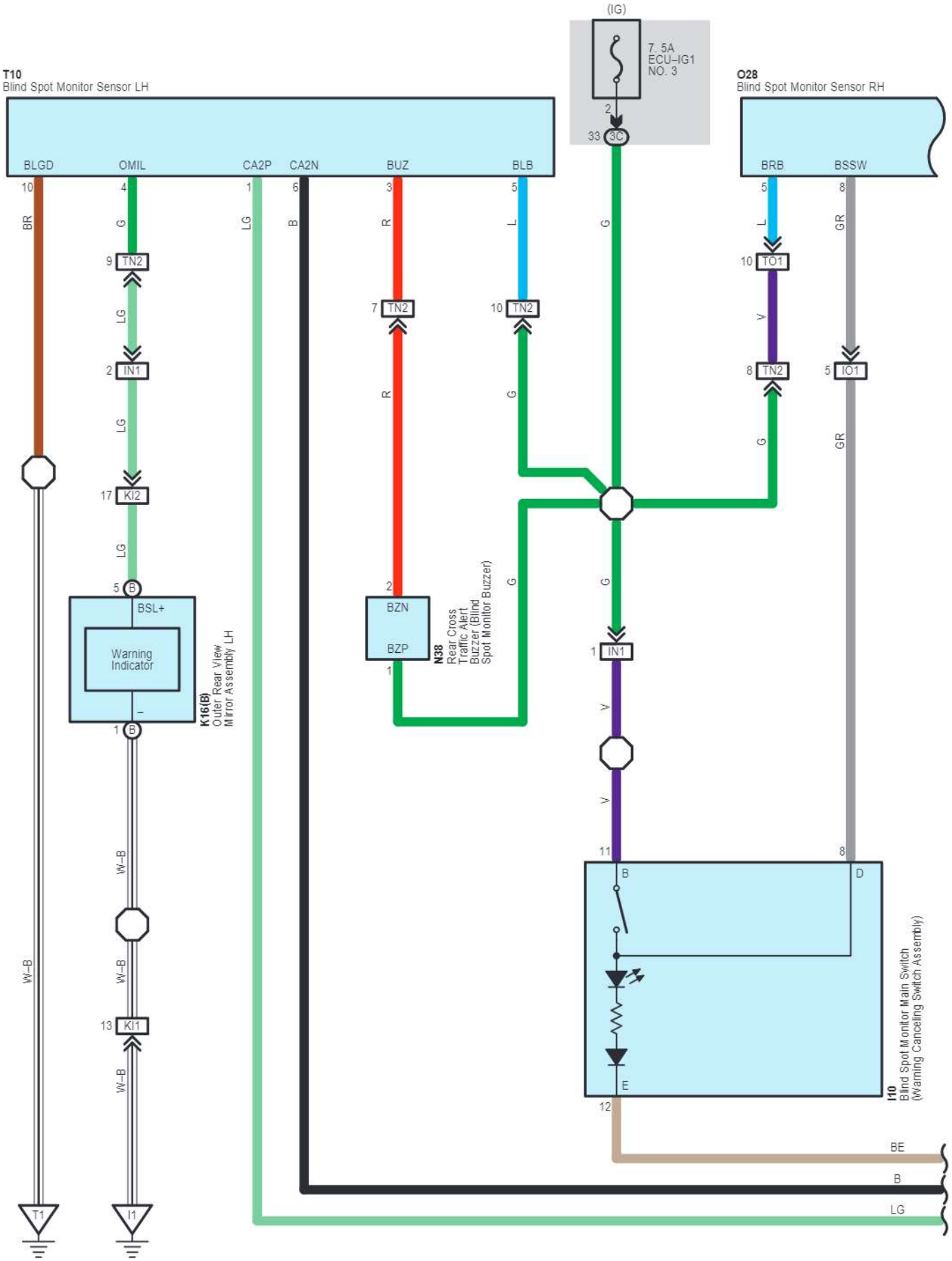


IA4
Gray

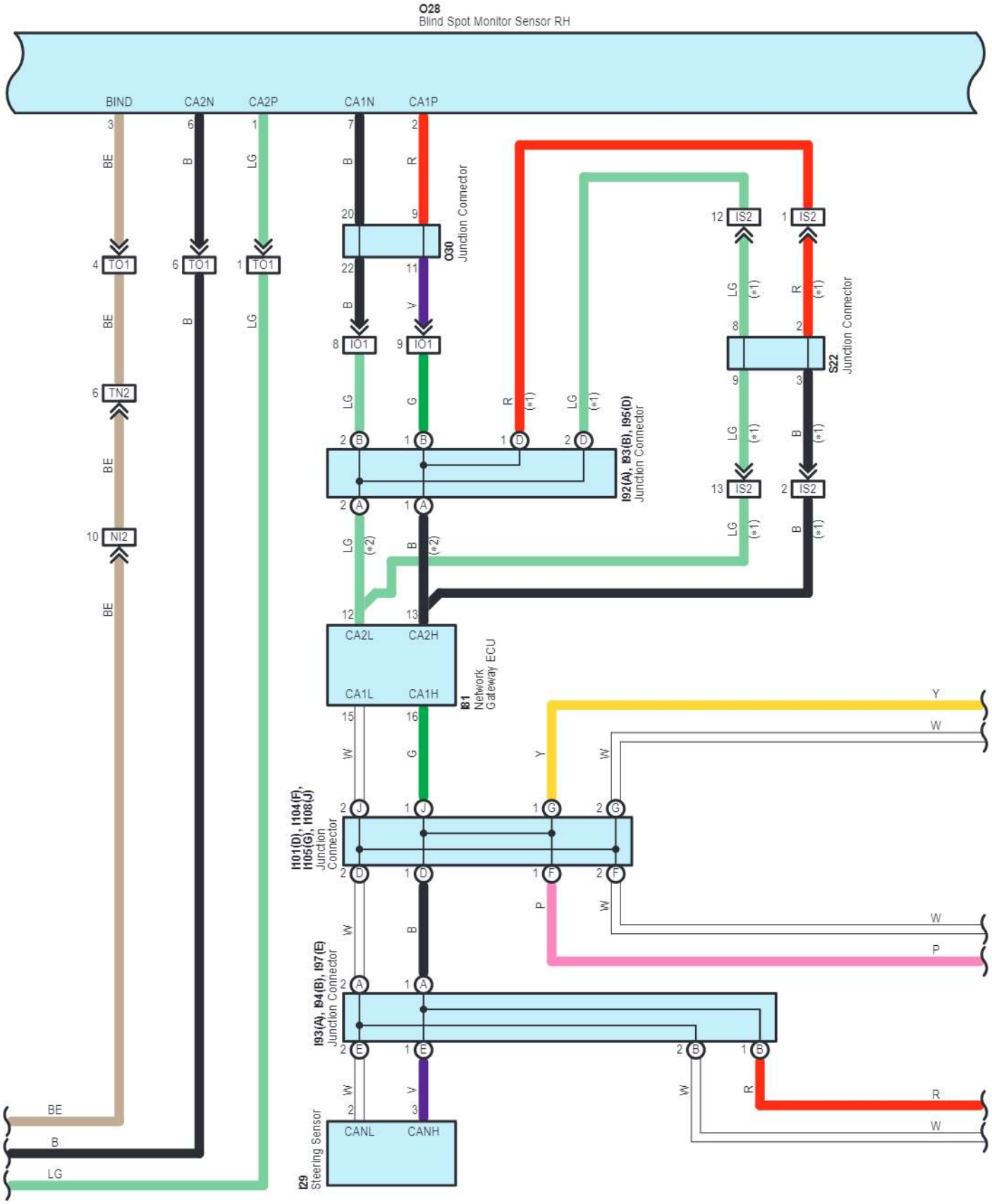


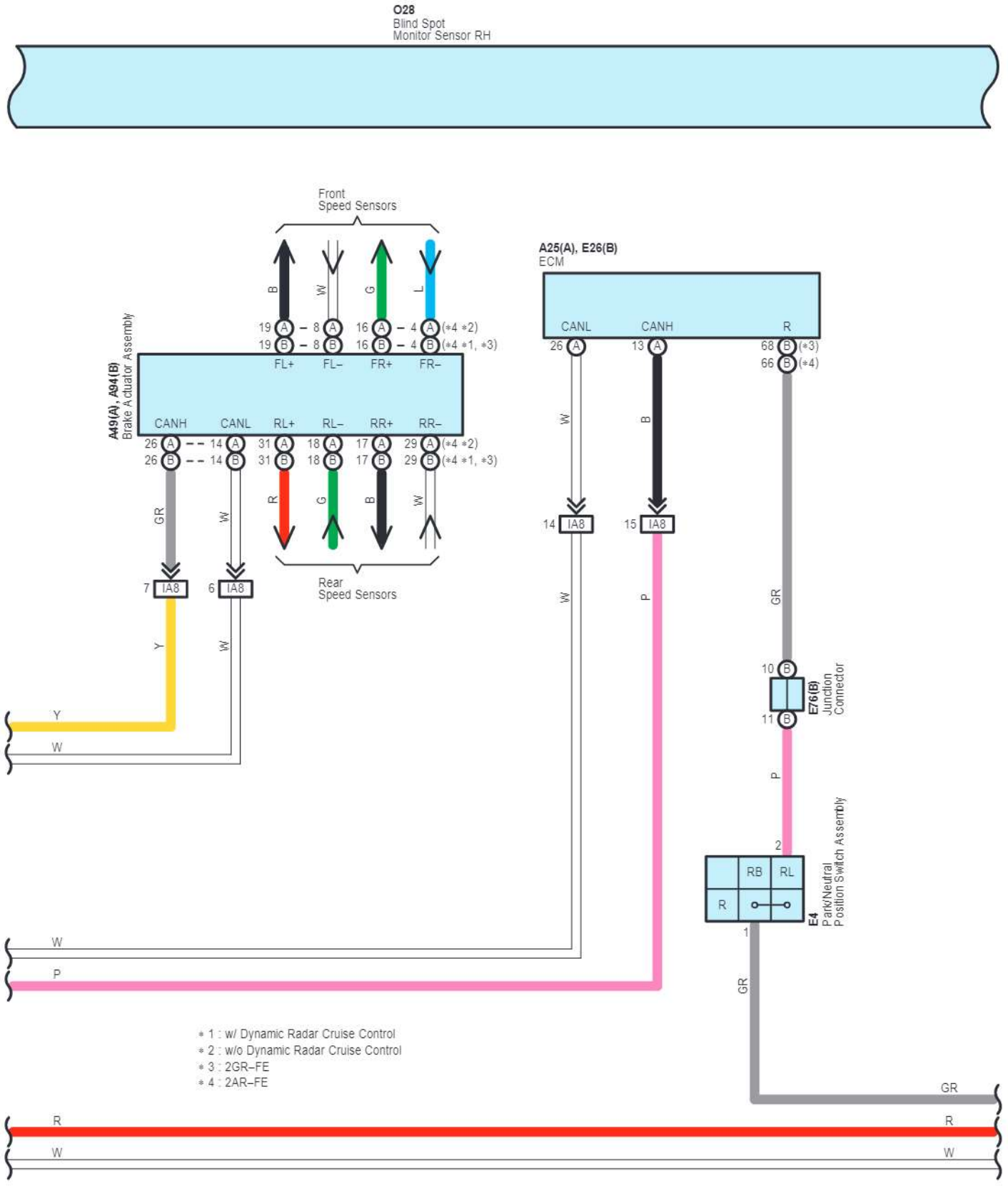
TN1
White

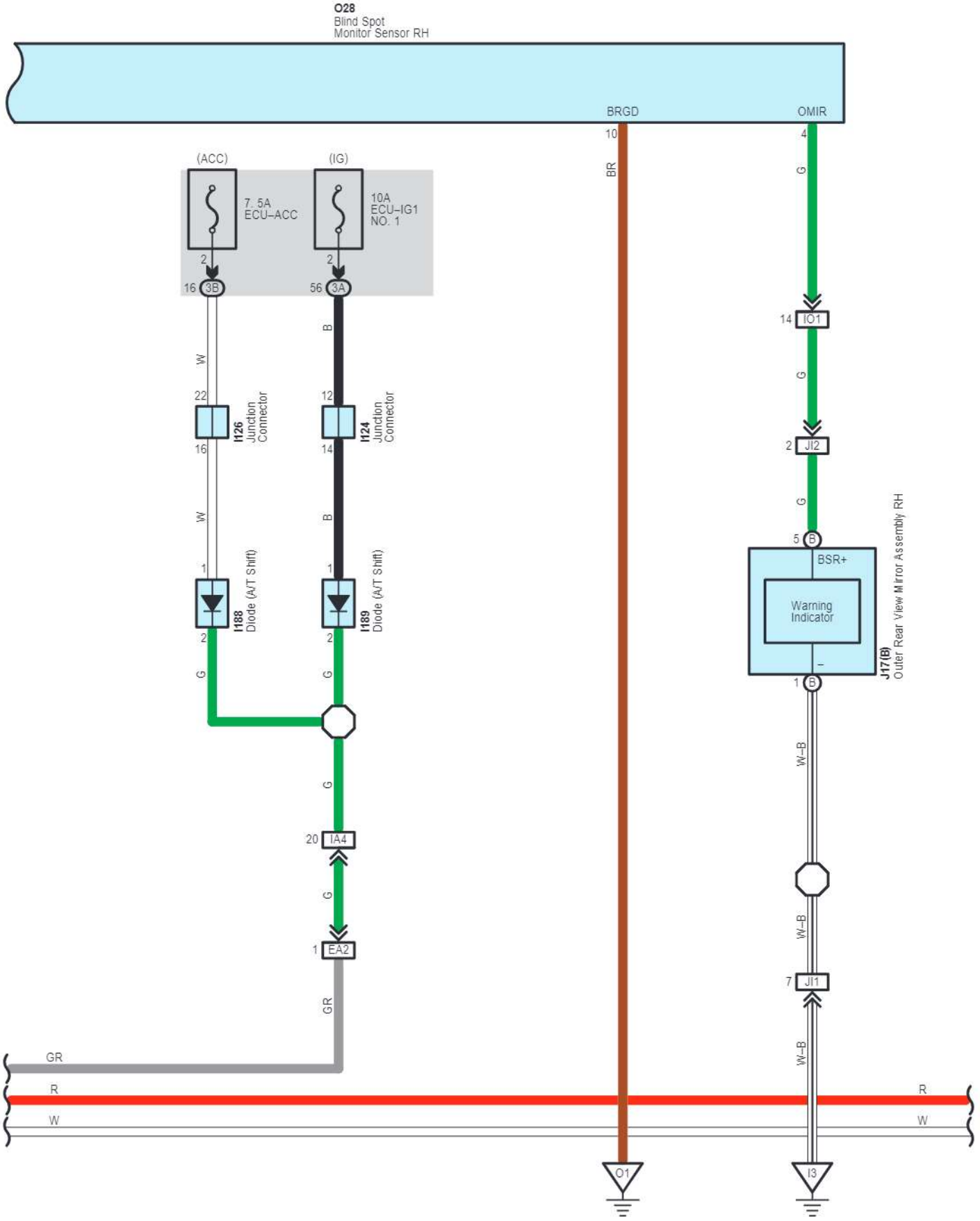


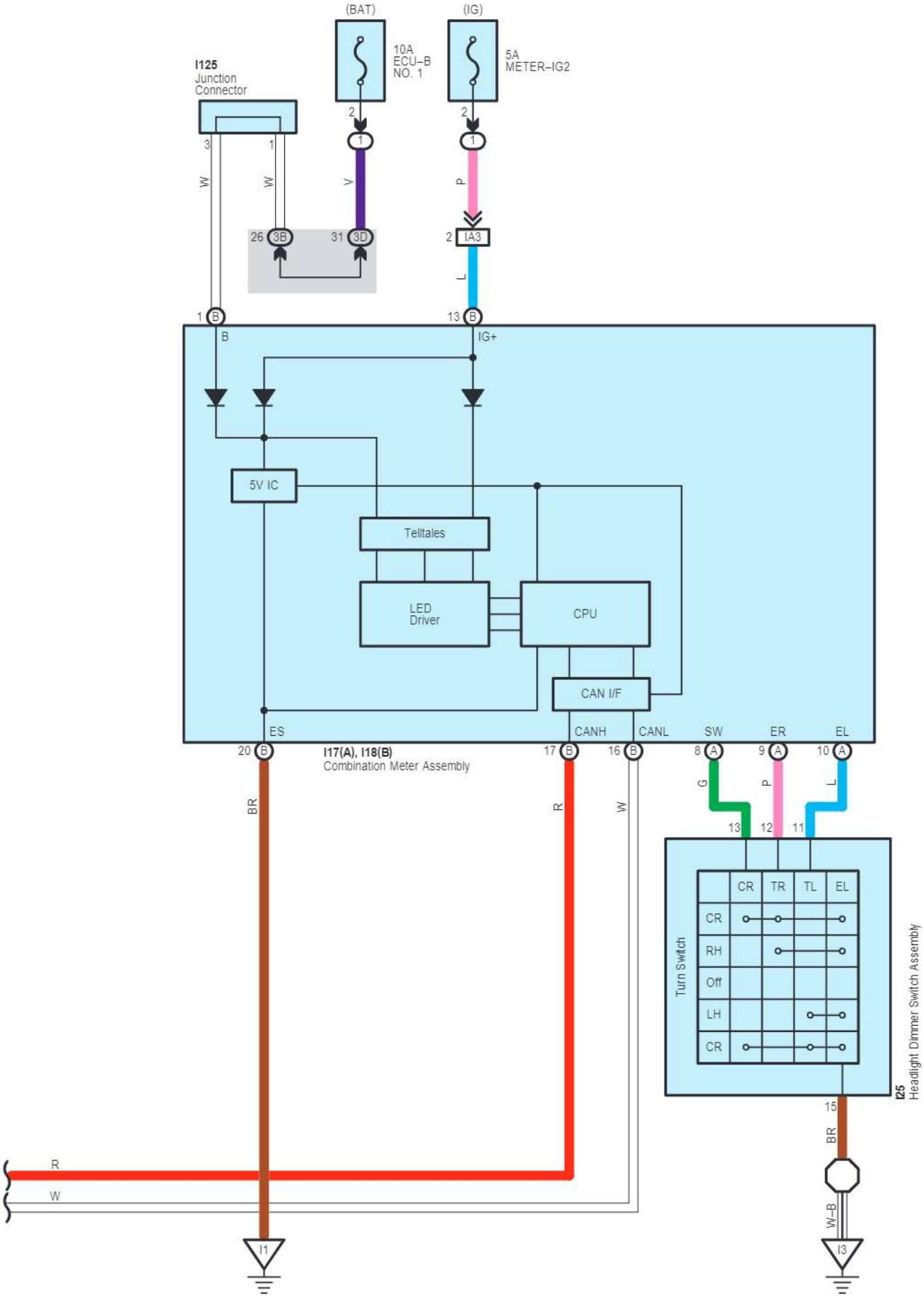

(IG)
7.5A
ECU-IG1
NO. 3
2
33 3C
T10
Blind Spot Monitor Sensor LH
O28
Blind Spot Monitor Sensor RH
BLGD
OMIL
CA2P
CA2N
BUZ
BLB
BRB
BSSW
10
4
1
6
3
5
5
8
BR
G
LG
B
R
L
G
L
GR
9 TN2
7 TN2
10 TN2
10 TO1
LG
V
2 IN1
8 TN2
5 IO1
LG
G
G
GR
17 KI2
LG
5 B
BSL+
Warning Indicator
-
1 B
K16(B)
Outer Rear View Mirror Assembly LH
2
BZN
BZP
1
N38
Rear Cross Traffic Alert Buzzer (Blind Spot Monitor Buzzer)
G
G
1 IN1
V
V
W-B
W-B
W-B
13 KI1
11
8
B
D
E
12
I10
Blind Spot Monitor Main Switch (Warning Canceling Switch Assembly)
BE
B
LG
T1
I1

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

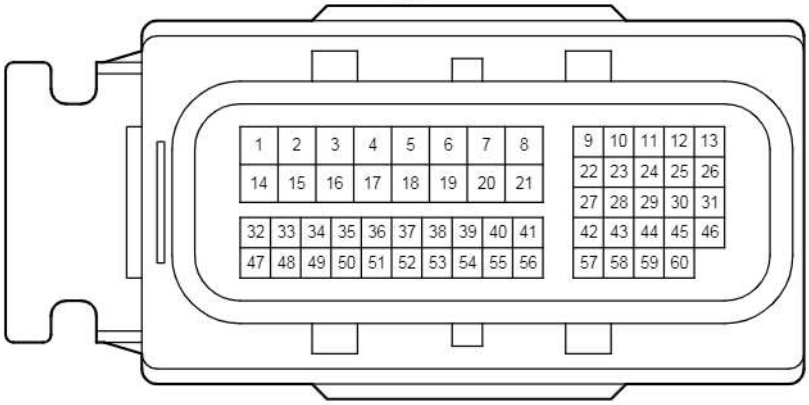



O28
Blind Spot
Monitor Sensor RH
Front
Speed Sensors
A49(A), A94(B)
Brake Actuator Assembly
CANH
CANL
RL+
RL–
RR+
RR–
FL+
FL–
FR+
FR–
Rear
Speed Sensors
A25(A), E26(B)
ECM
CANL
CANH
R
E76(B)
Junction
Connector
E4
Park/Neutral
Position Switch Assembly
RB
RL
R
* 1 : w/ Dynamic Radar Cruise Control
* 2 : w/o Dynamic Radar Cruise Control
* 3 : 2GR–FE
* 4 : 2AR–FE

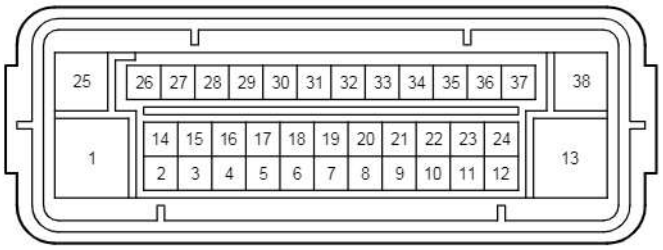

O28
Blind Spot
Monitor Sensor RH
BRGD
OMIR
10
BR
4
G
(ACC)
(IG)
7. 5A
ECU–ACC
10A
ECU–IG1
NO. 1
2
2
16 3B
56 3A
B
W
14 IO1
G
22
12
I126
Junction
Connector
I124
Junction
Connector
2 JI2
16
14
G
W
B
5 B
BSR+
1
1
Warning
Indicator
I188
Diode (A/T Shift)
I189
Diode (A/T Shift)
J17(B)
Outer Rear View Mirror Assembly RH
2
2
–
1 B
G
G
W–B
G
20 IA4
W–B
G
1 EA2
7 JI1
GR
W–B
GR
R
R
W
W
O1
I3


(BAT)
(IG)
10A
ECU–B
NO. 1
5A
METER–IG2
I125
Junction
Connector
3
1
W
W
V
P
26 3B
31 3D
2 IA3
L
1 B
13 B
B
IG+
5V IC
Telltales
LED
Driver
CPU
CAN I/F
ES
CANH
CANL
SW
ER
EL
20 B
I17(A), I18(B)
Combination Meter Assembly
17 B
16 B
8 A
9 A
10 A
G
P
L
13
12
11
BR
R
W
CR
TR
TL
EL
CR
RH
Off
LH
CR
Turn Switch
I25
Headlight Dimmer Switch Assembly
15
BR
W–B
R
W
I1
I3

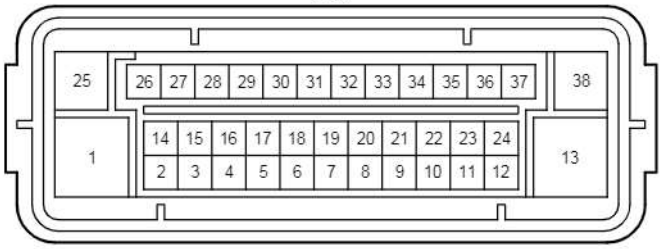
A 25
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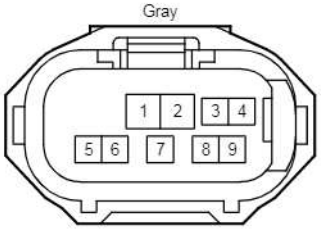
A 49
Black



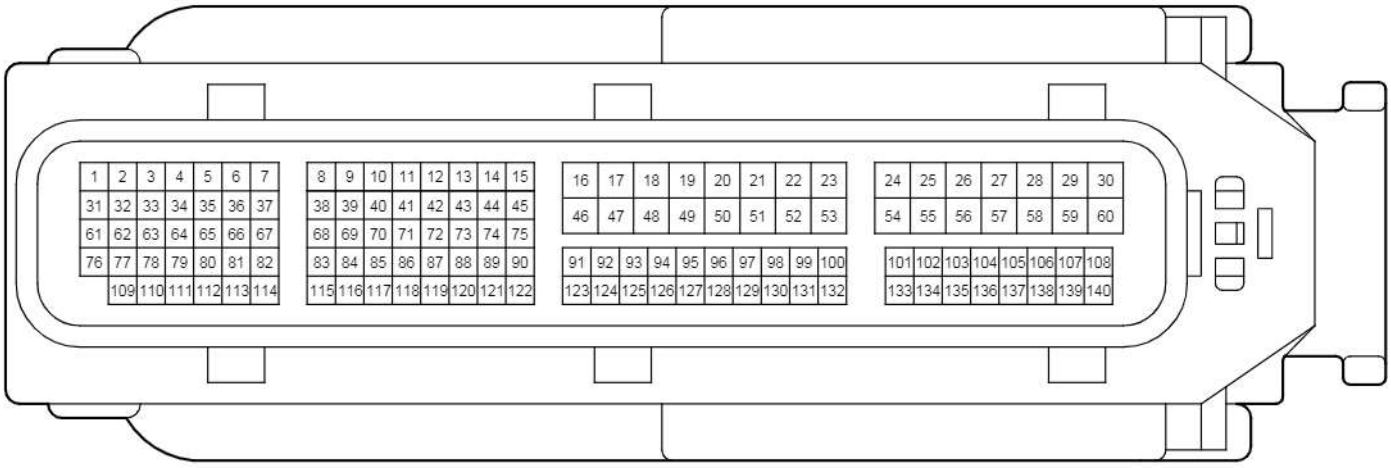
A 94
Black



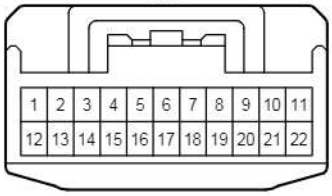
E 4
Gray



E 26
Black



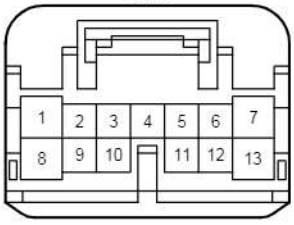
E 76
White



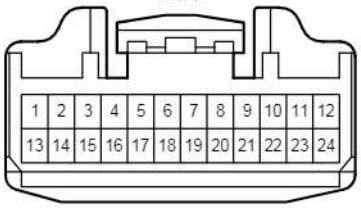
I 10
Black



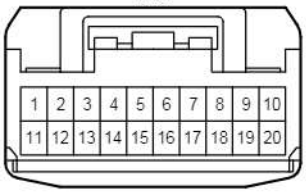
I 17
Black



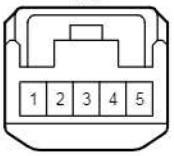
I 18
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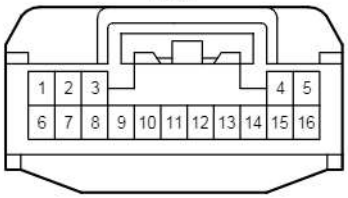
I 25
Black



I 29
Blue



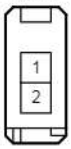
I 81
White



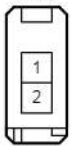
I 92
Gray



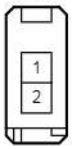
I 93
White



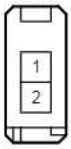
I 94
White



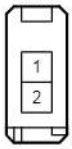
I 95
White



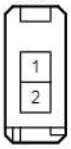
I 97
White



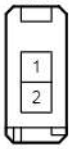
I101
White



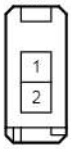
I104
White



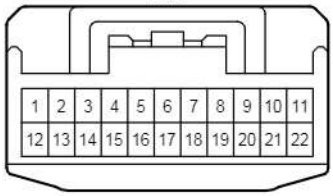
I105
White



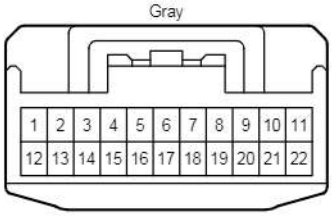
I108
White



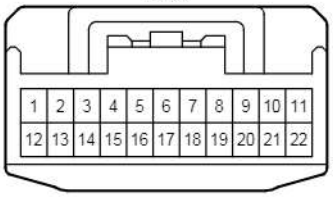
I124
White



I125
Gray



I126
White



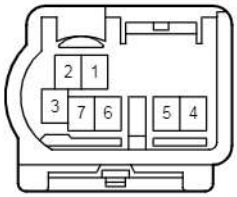
I188
Gray



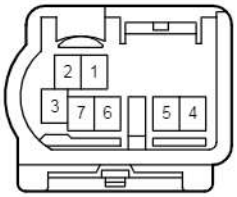
I189
Gray



J 17
White



K 16
White



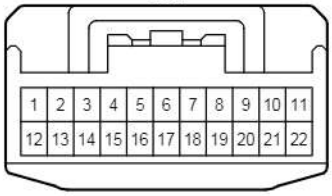
N 38
Black



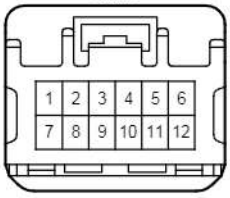
O 28
Black



O 30
Black



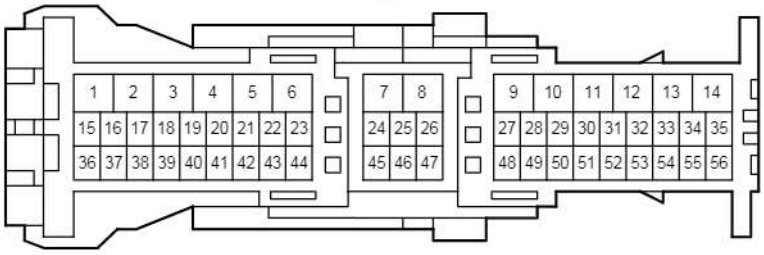
S 22
White



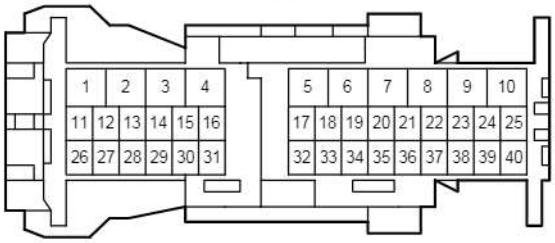
T 10
Black



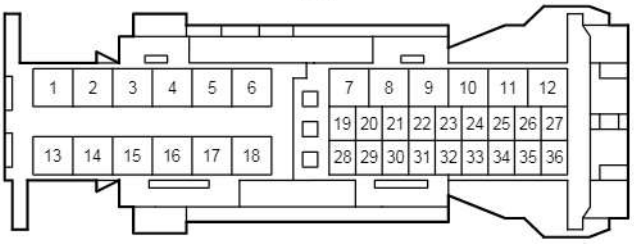
3A
White



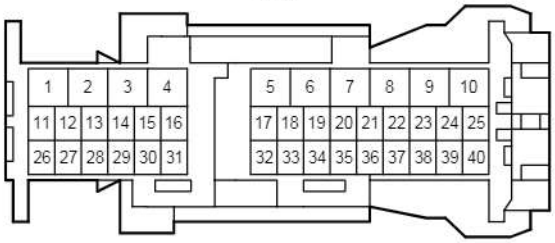
3B
White



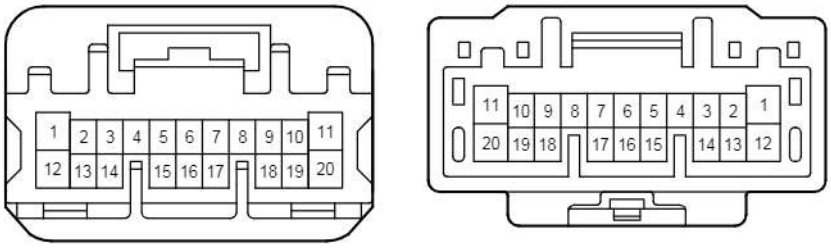
3C
White



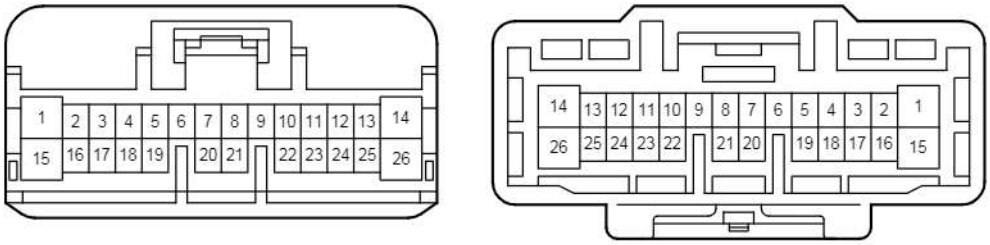
3D
White



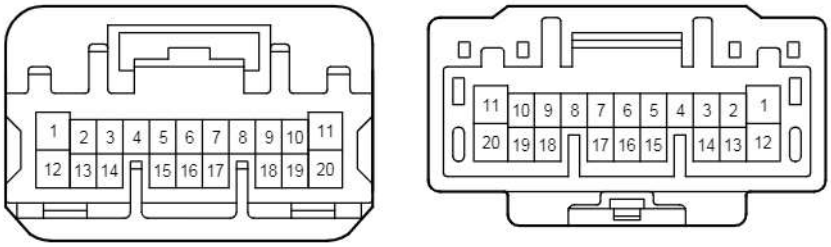
EA2
White



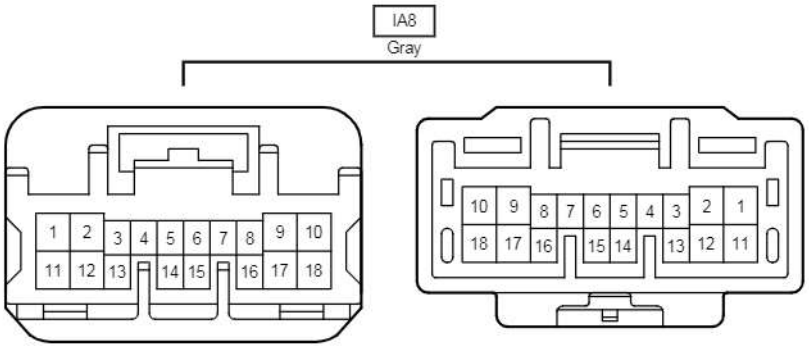
IA3
Blue



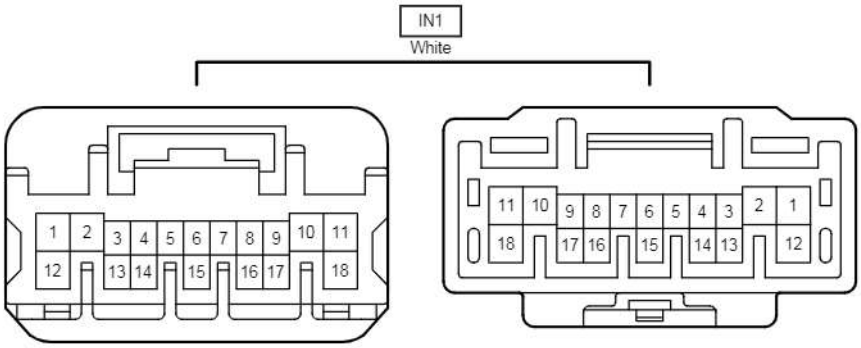
IA4
Gray



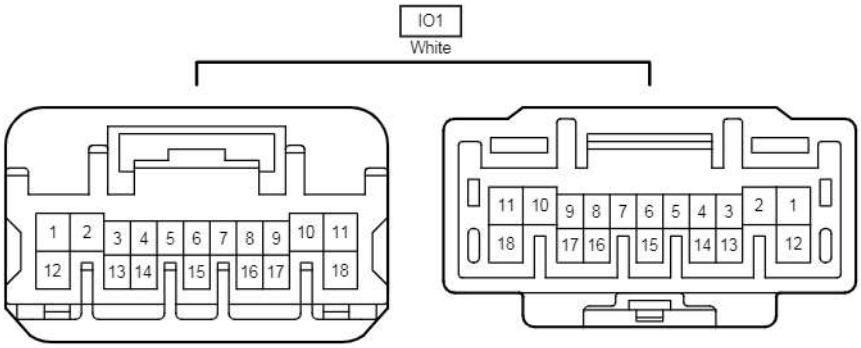
IA8
Gray



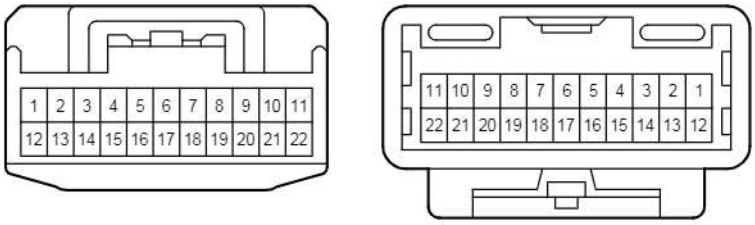
IN1
White



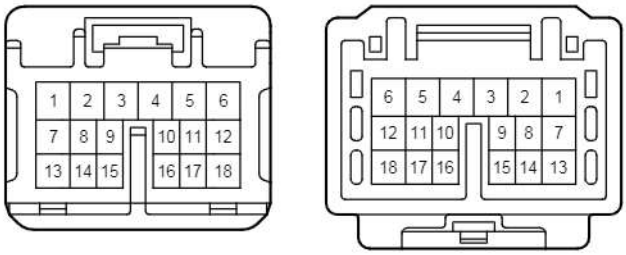
IO1
White



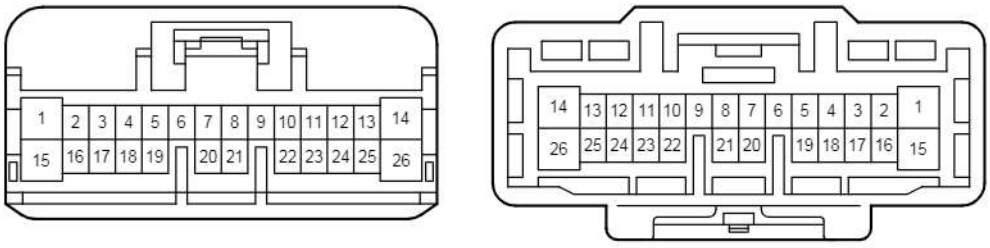
IS2
White



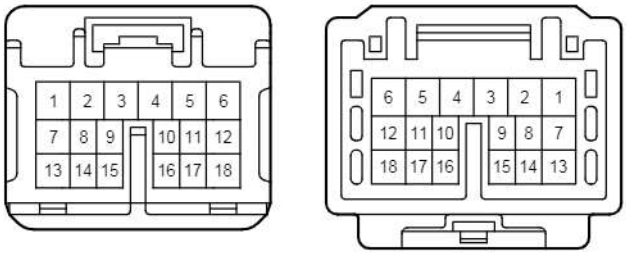
JI1
Gray



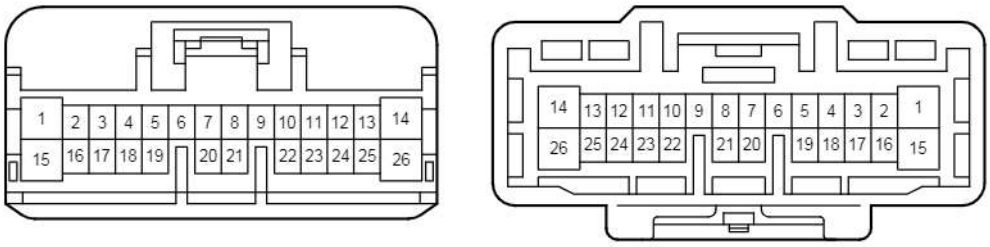
JI2
Blue

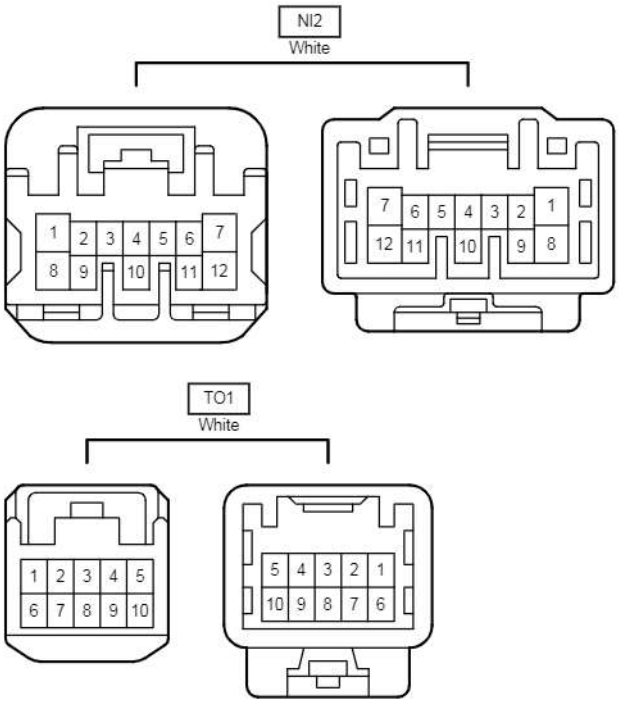


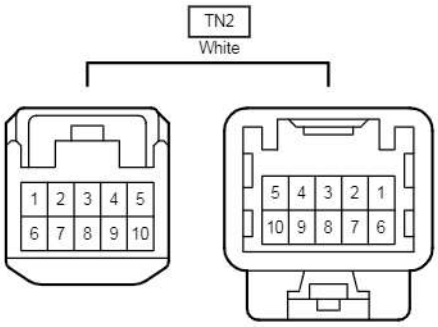
KI1
White



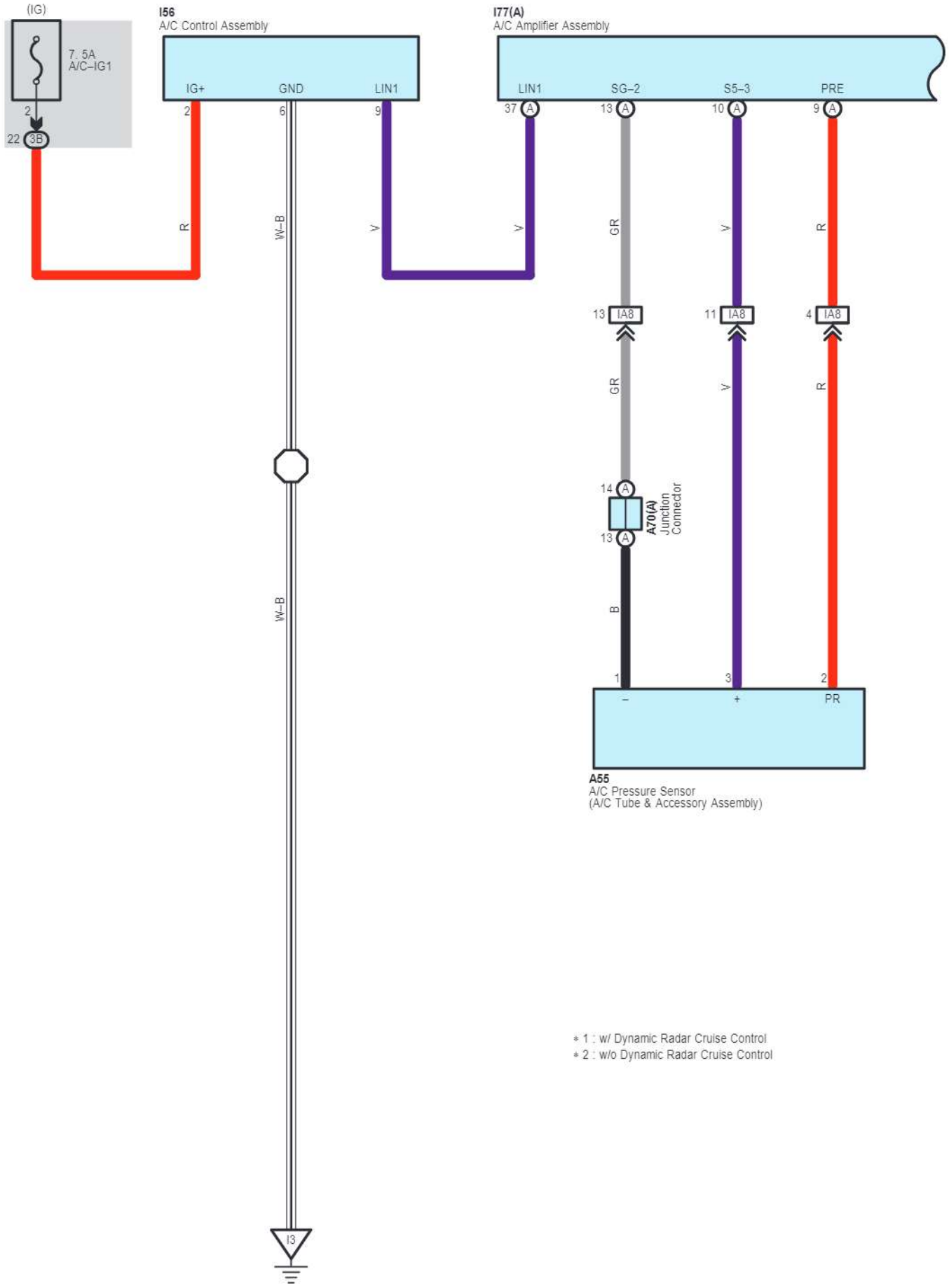
KI2
White



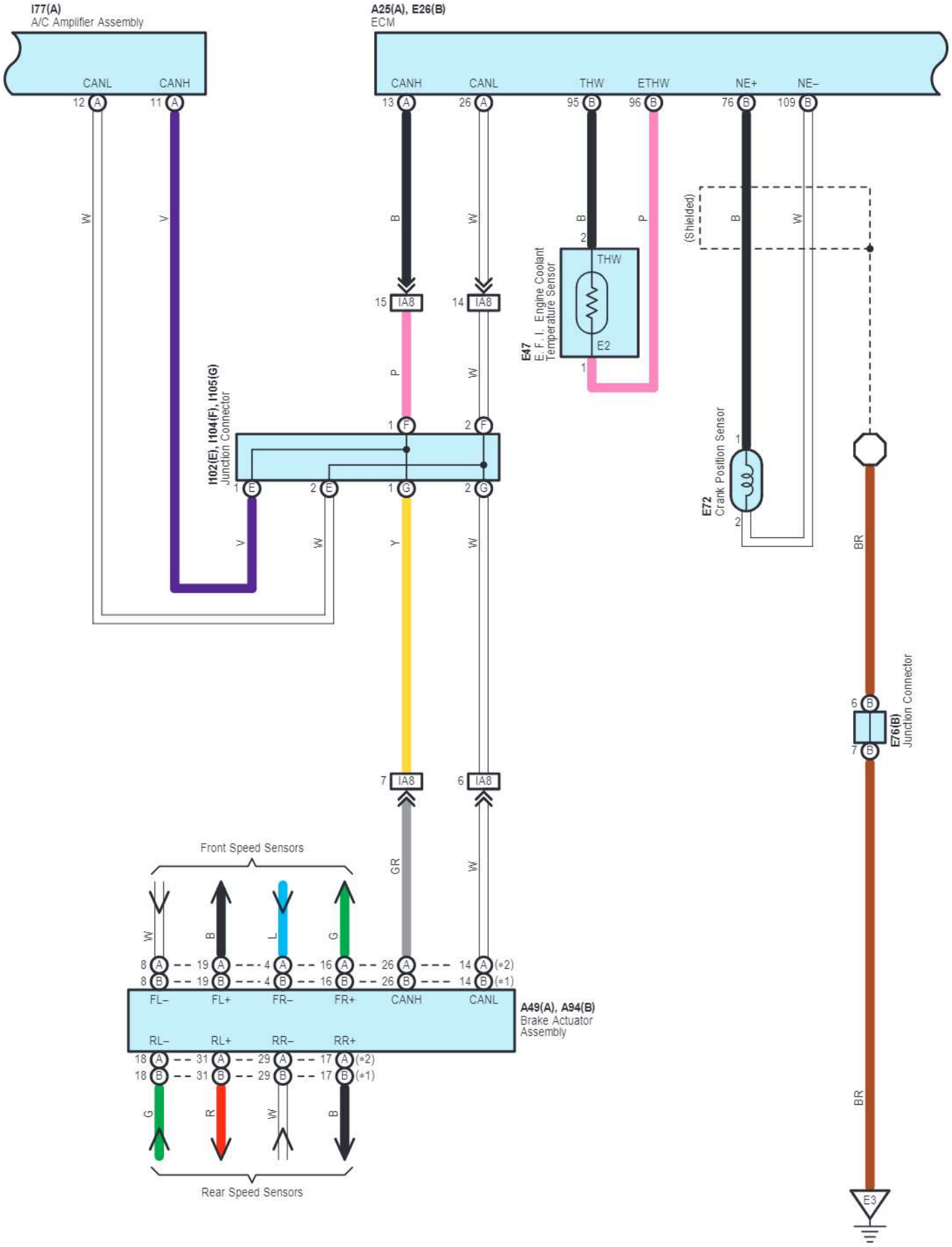

NI2
White
1 2 3 4 5 6 7
8 9 10 11 12
7 6 5 4 3 2 1
12 11 10 9 8

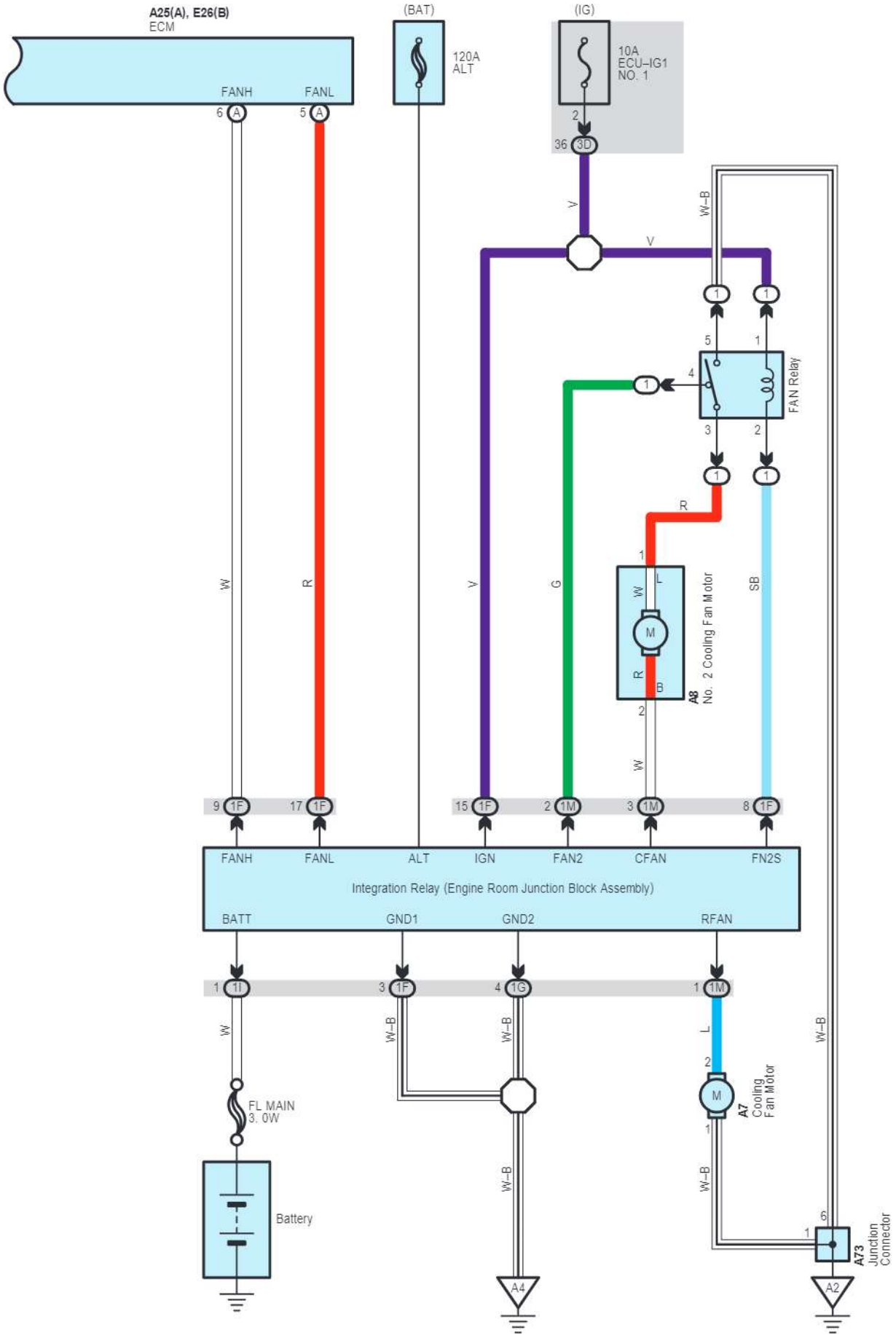

TN2
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6

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



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


I77(A)
A/C Amplifier Assembly
CANL
CANH
12 A
11 A
A25(A), E26(B)
ECM
CANH
CANL
THW
ETHW
NE+
NE–
13 A
26 A
95 B
96 B
76 B
109 B
W
V
B
W
B
P
(Shielded)
B
W
2
THW
E2
1
E47
E. F. I. Engine Coolant Temperature Sensor
15 IA8
14 IA8
P
W
I102(E), I104(F), I105(G)
Junction Connector
1 F
2 F
1 E
2 E
1 G
2 G
V
W
Y
W
E72
Crank Position Sensor
1
2
BR
6 B
7 B
E76(B)
Junction Connector
7 IA8
6 IA8
GR
W
Front Speed Sensors
W
B
L
G
8 A
8 B
19 A
19 B
4 A
4 B
16 A
16 B
26 A
26 B
14 A (*2)
14 B (*1)
FL–
FL+
FR–
FR+
CANH
CANL
A49(A), A94(B)
Brake Actuator Assembly
RL–
RL+
RR–
RR+
18 A
18 B
31 A
31 B
29 A
29 B
17 A (*2)
17 B (*1)
G
R
W
B
Rear Speed Sensors
BR
E3


A25(A), E26(B)
ECM
FANH
FANL
(BAT)
120A
ALT
(IG)
10A
ECU-IG1
NO. 1
36 3D
V
W-B
FAN Relay
R
W
G
SB
A8
No. 2 Cooling Fan Motor
9 1F
17 1F
15 1F
2 1M
3 1M
8 1F
FANH
FANL
ALT
IGN
FAN2
CFAN
FN2S
Integration Relay (Engine Room Junction Block Assembly)
BATT
GND1
GND2
RFAN
1 1I
3 1F
4 1G
1 1M
FL MAIN
3. 0W
Battery
A7
Cooling
Fan Motor
A73
Junction
Connector
A4
A2

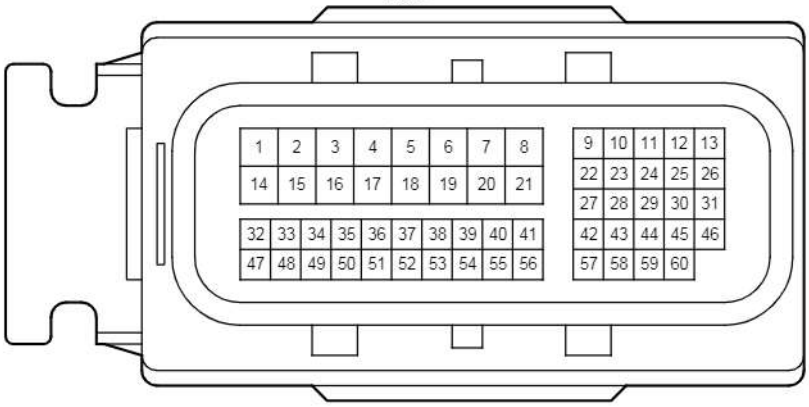
A 7
Gray



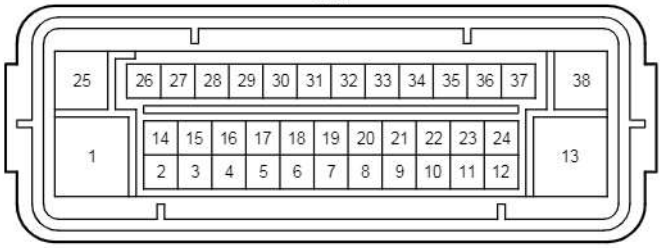
A 8
Gray



A 25
Black



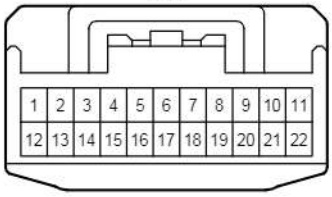
A 49
Black



A 55
Black



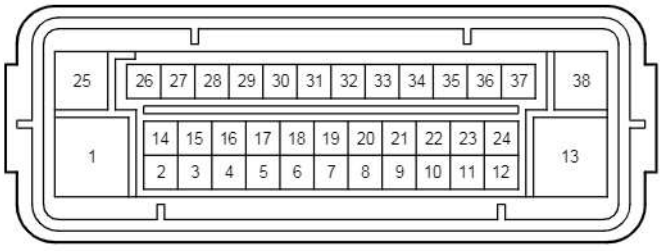
A 70
White



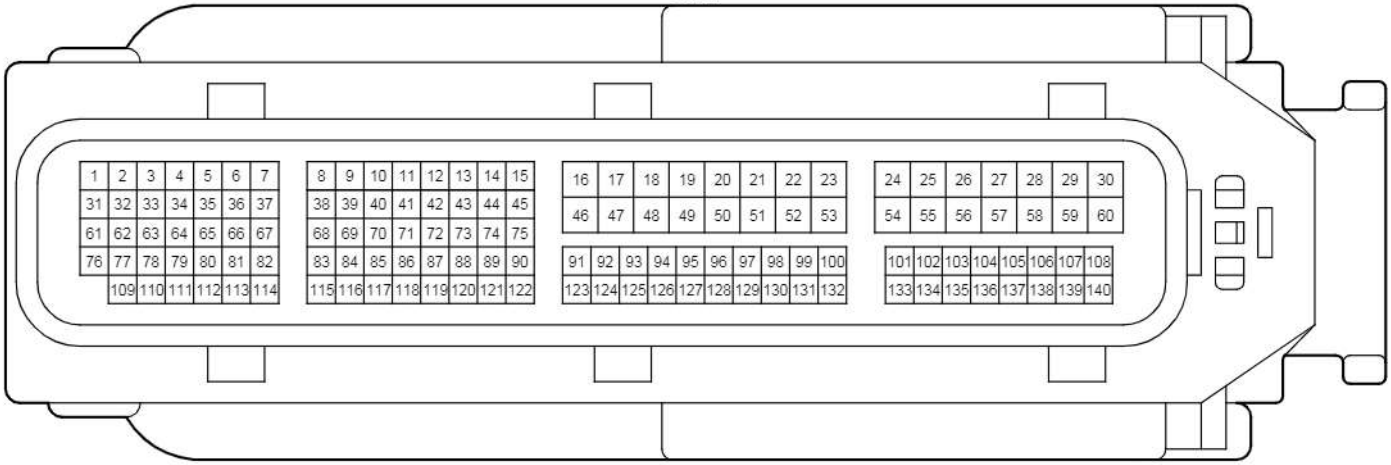
A 73
Gray



A 94
Black



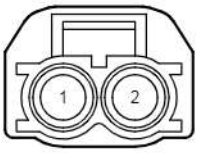
E 26
Black



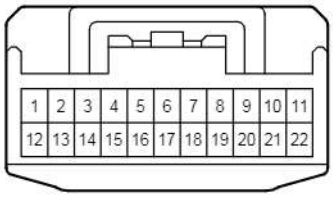
E 47
Black



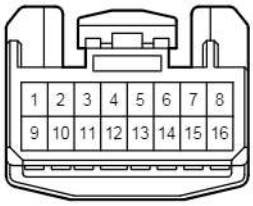
E 72
Black



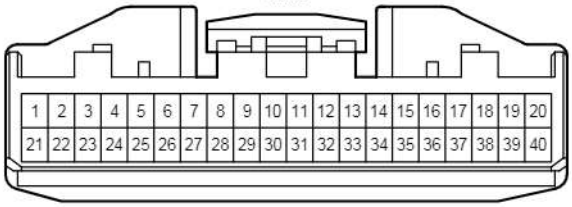
E 76
White



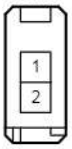
I 56
Black



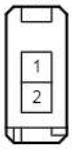
I 77
White



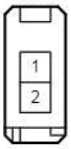
I102
White



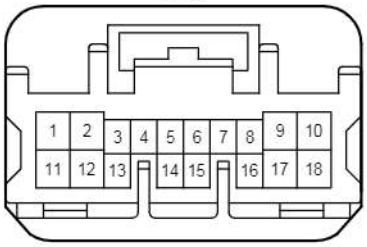
I104
White



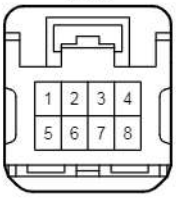
I105
White



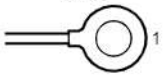
1F
White



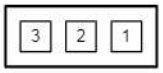
1G
White



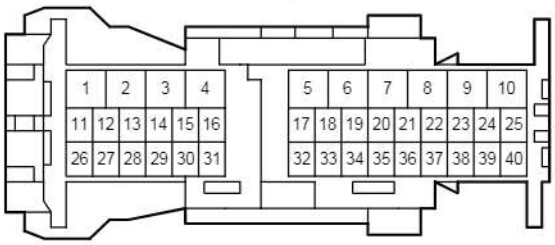
1I
White



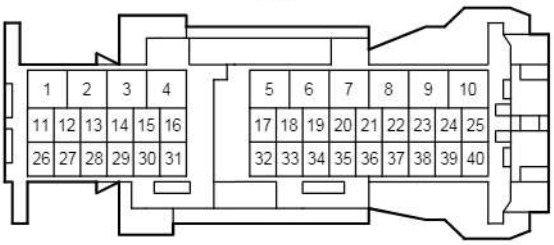
1M

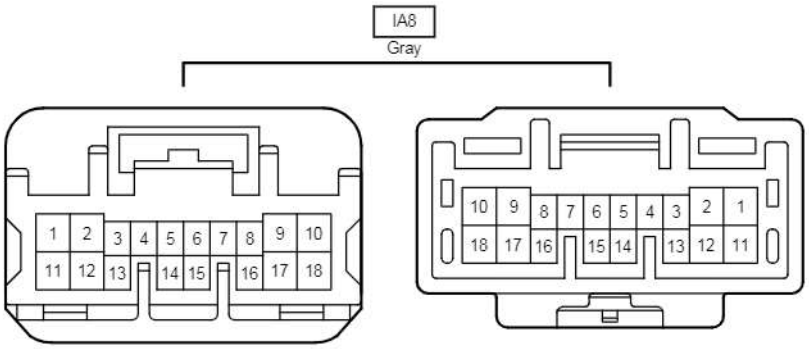


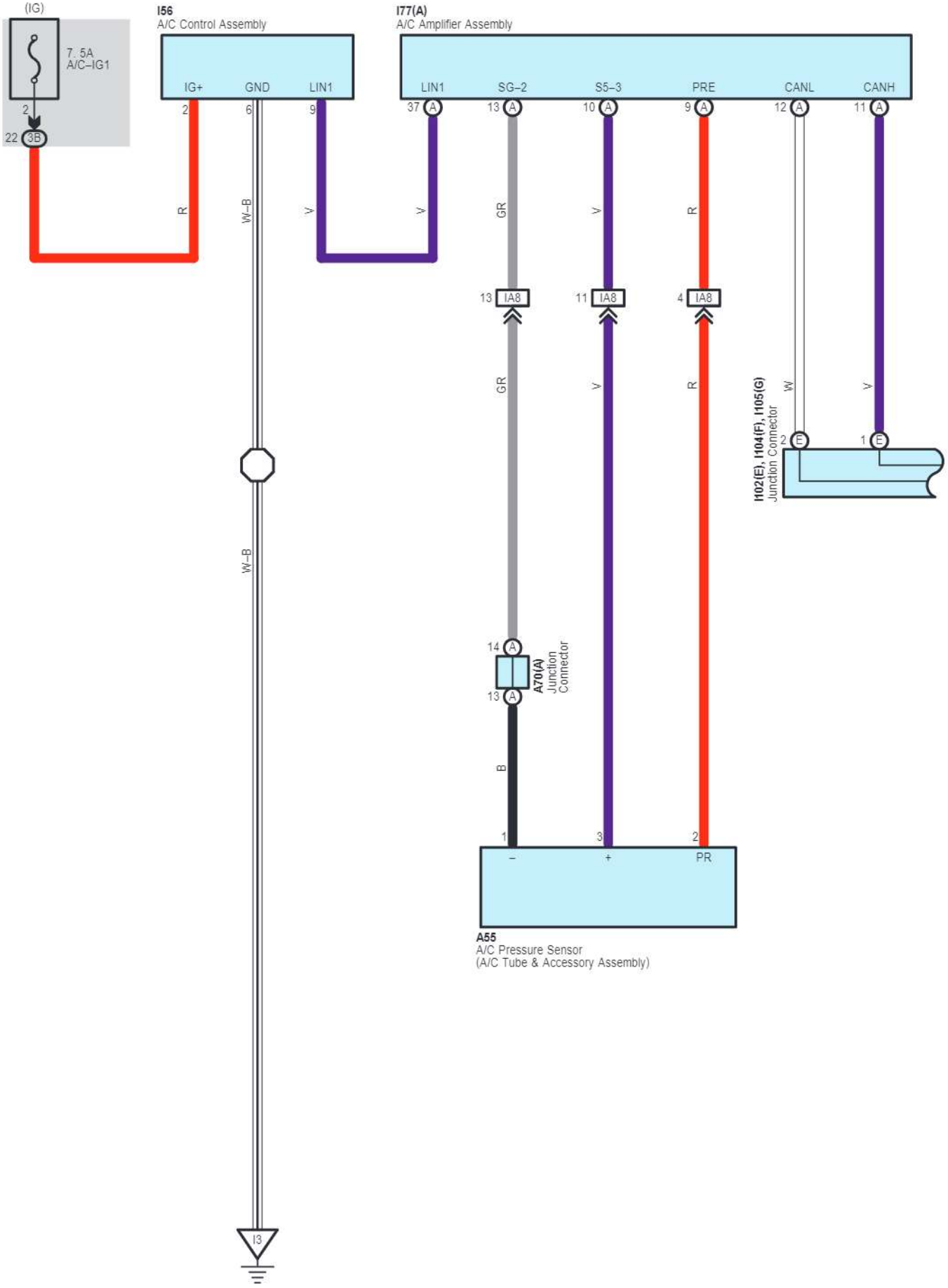
3B
White

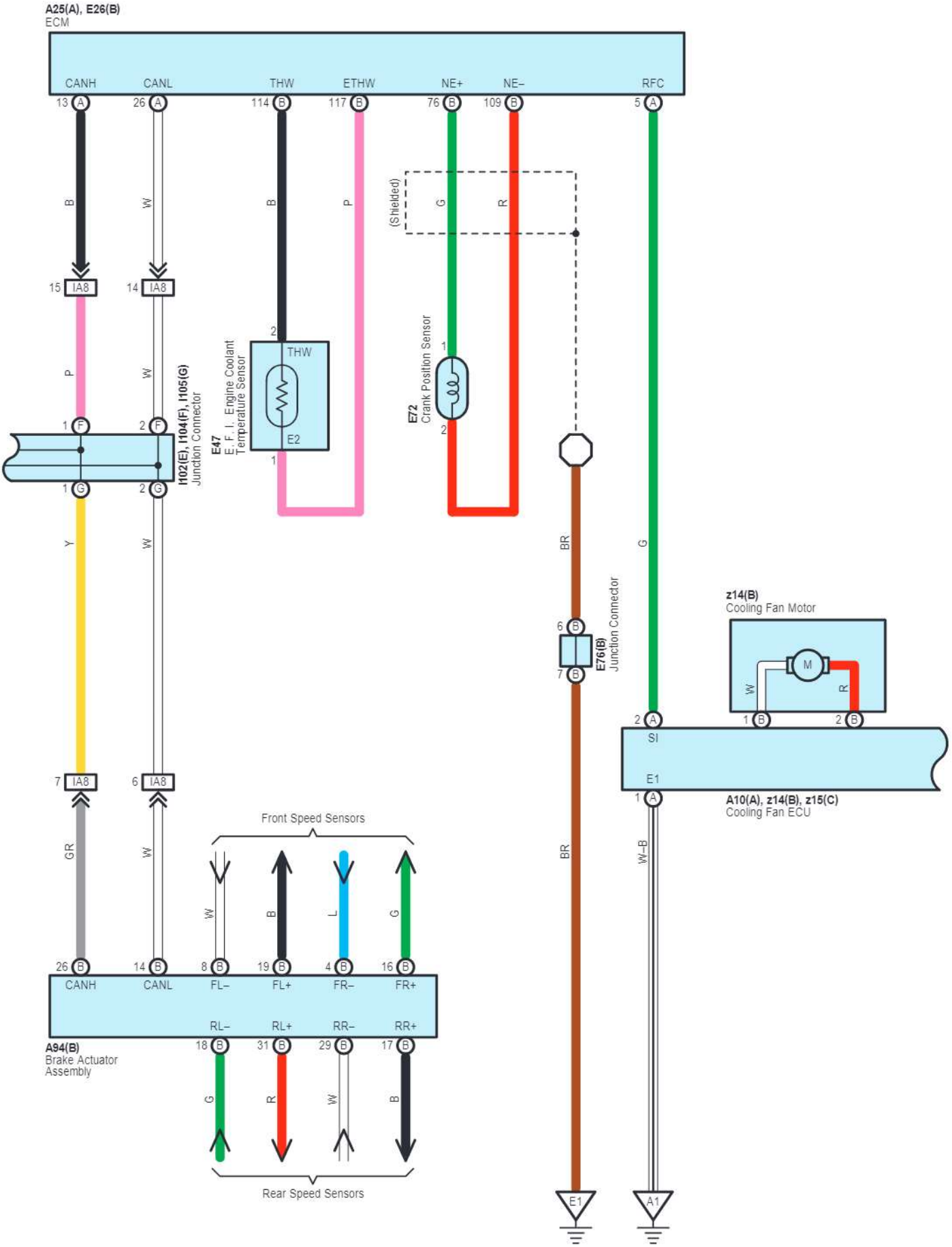


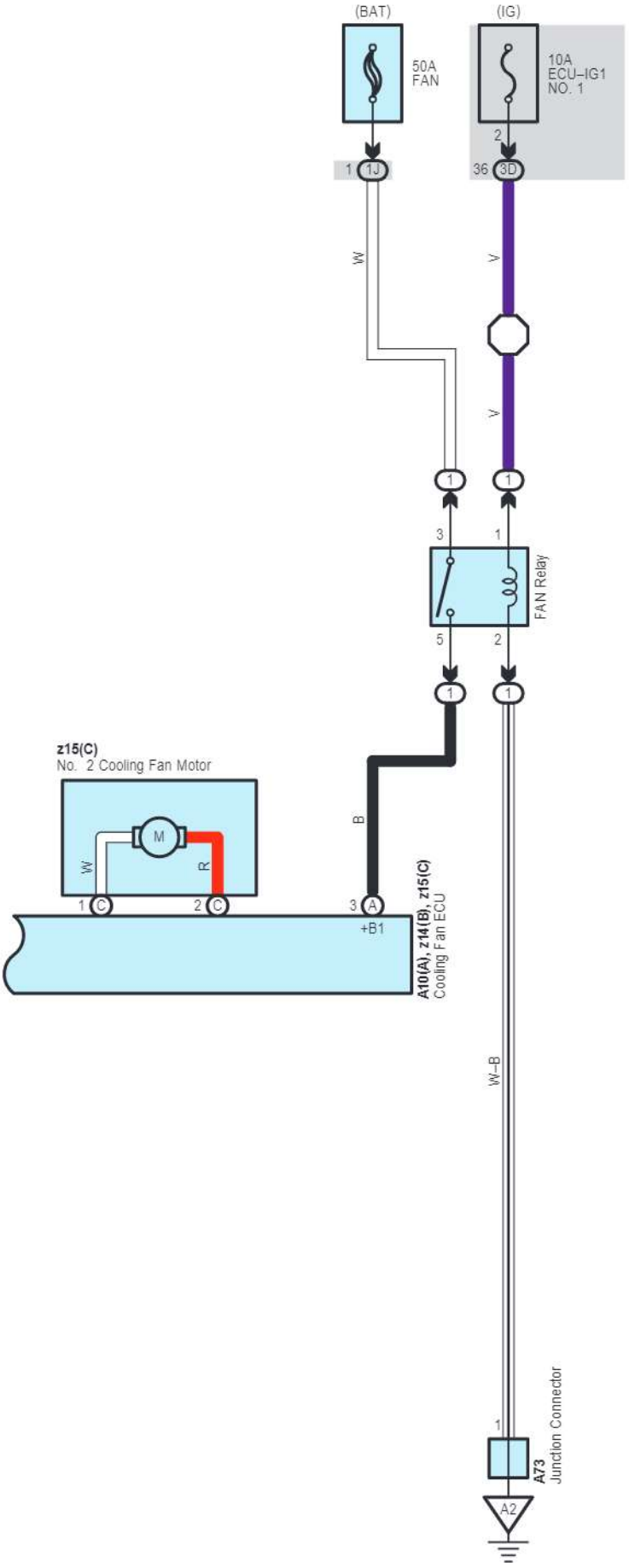
3D
White



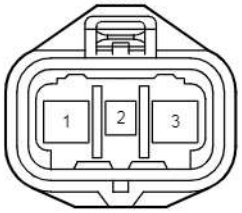

IA8
Gray
1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18
10 9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11


(IG)
7. 5A
A/C–IG1
2
22 3B
I56
A/C Control Assembly
IG+
GND
LIN1
2
6
9
R
W–B
V
I77(A)
A/C Amplifier Assembly
LIN1
SG–2
S5–3
PRE
CANL
CANH
37 A
13 A
10 A
9 A
12 A
11 A
V
GR
V
R
W
V
13 IA8
11 IA8
4 IA8
GR
V
R
I102(E), I104(F), I105(G)
Junction Connector
2 E
1 E
14 A
13 A
A70(A)
Junction
Connector
B
1
3
2
–
+
PR
A55
A/C Pressure Sensor
(A/C Tube & Accessory Assembly)
W–B
I3

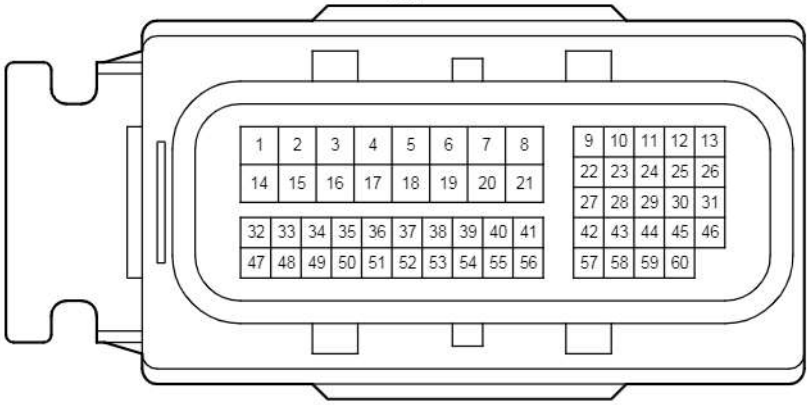

A25(A), E26(B)
ECM
CANH
CANL
THW
ETHW
NE+
NE–
RFC
13 A
26 A
114 B
117 B
76 B
109 B
5 A
B
W
B
P
G
R
(Shielded)
15 IA8
14 IA8
P
W
2
THW
E2
1
E47
E. F. I. Engine Coolant Temperature Sensor
1
E72
Crank Position Sensor
2
1 F
2 F
1 G
2 G
I102(E), I104(F), I105(G)
Junction Connector
Y
W
BR
G
6 B
7 B
E76(B)
Junction Connector
z14(B)
Cooling Fan Motor
M
W
R
2 A
1 B
2 B
SI
E1
1 A
A10(A), z14(B), z15(C)
Cooling Fan ECU
W–B
7 IA8
6 IA8
GR
W
Front Speed Sensors
W
B
L
G
26 B
14 B
8 B
19 B
4 B
16 B
CANH
CANL
FL–
FL+
FR–
FR+
RL–
RL+
RR–
RR+
18 B
31 B
29 B
17 B
A94(B)
Brake Actuator Assembly
G
R
W
B
Rear Speed Sensors
E1
A1


(BAT)
(IG)
50A
FAN
10A
ECU–IG1
NO. 1
1
1J
2
36
3D
W
V
V
1
1
3
1
FAN Relay
5
2
1
1
z15(C)
No. 2 Cooling Fan Motor
M
W
R
B
1
C
2
C
3
A
+B1
A10(A), Z14(B), Z15(C)
Cooling Fan ECU
W–B
1
A73
Junction Connector
A2

A 10
Black



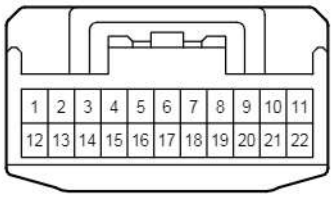
A 25
Black



A 55
Black



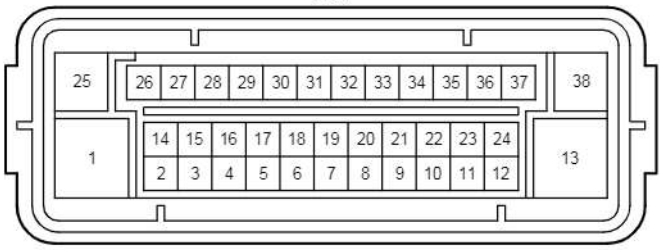
A 70
White



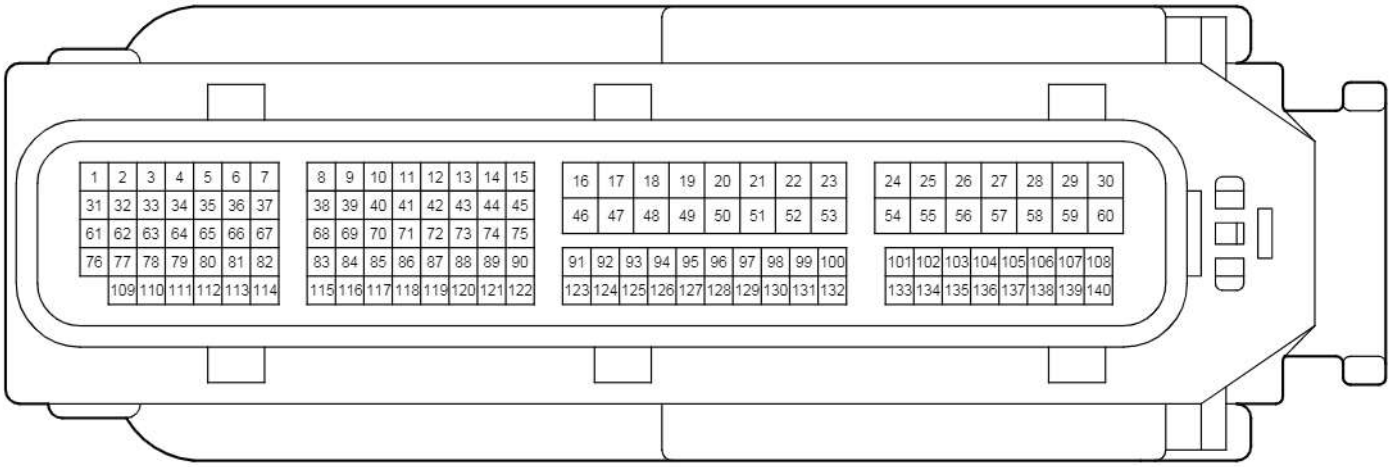
A 73
Gray



A 94
Black



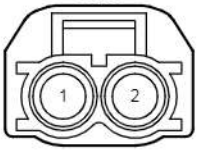
E 26
Black



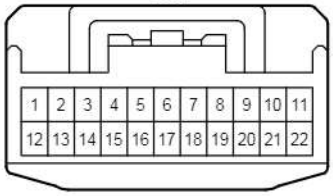
E 47
Black



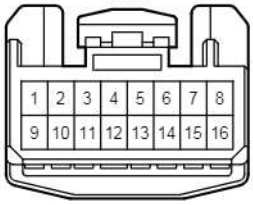
E 72
Black



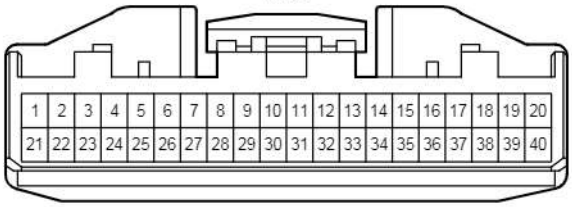
E 76
White



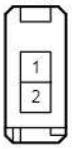
I 56
Black



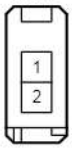
I 77
White



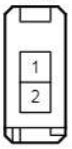
I102
White



I104
White



I105
White



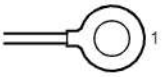
z 14
Gray



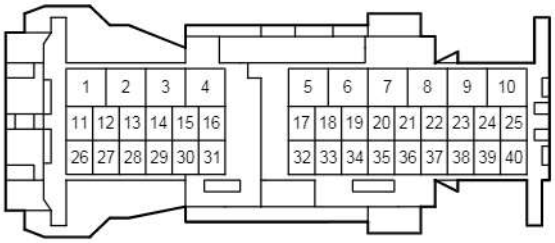
z 15
Gray



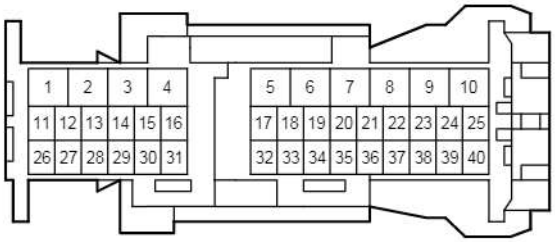
1J
White



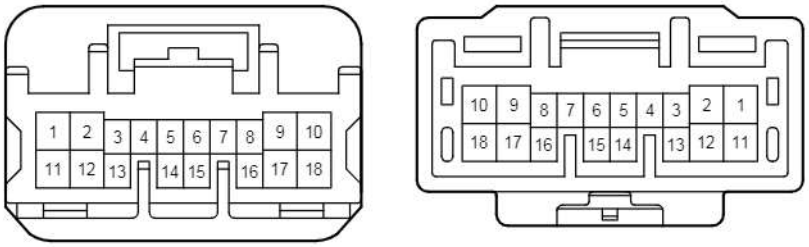
3B
White

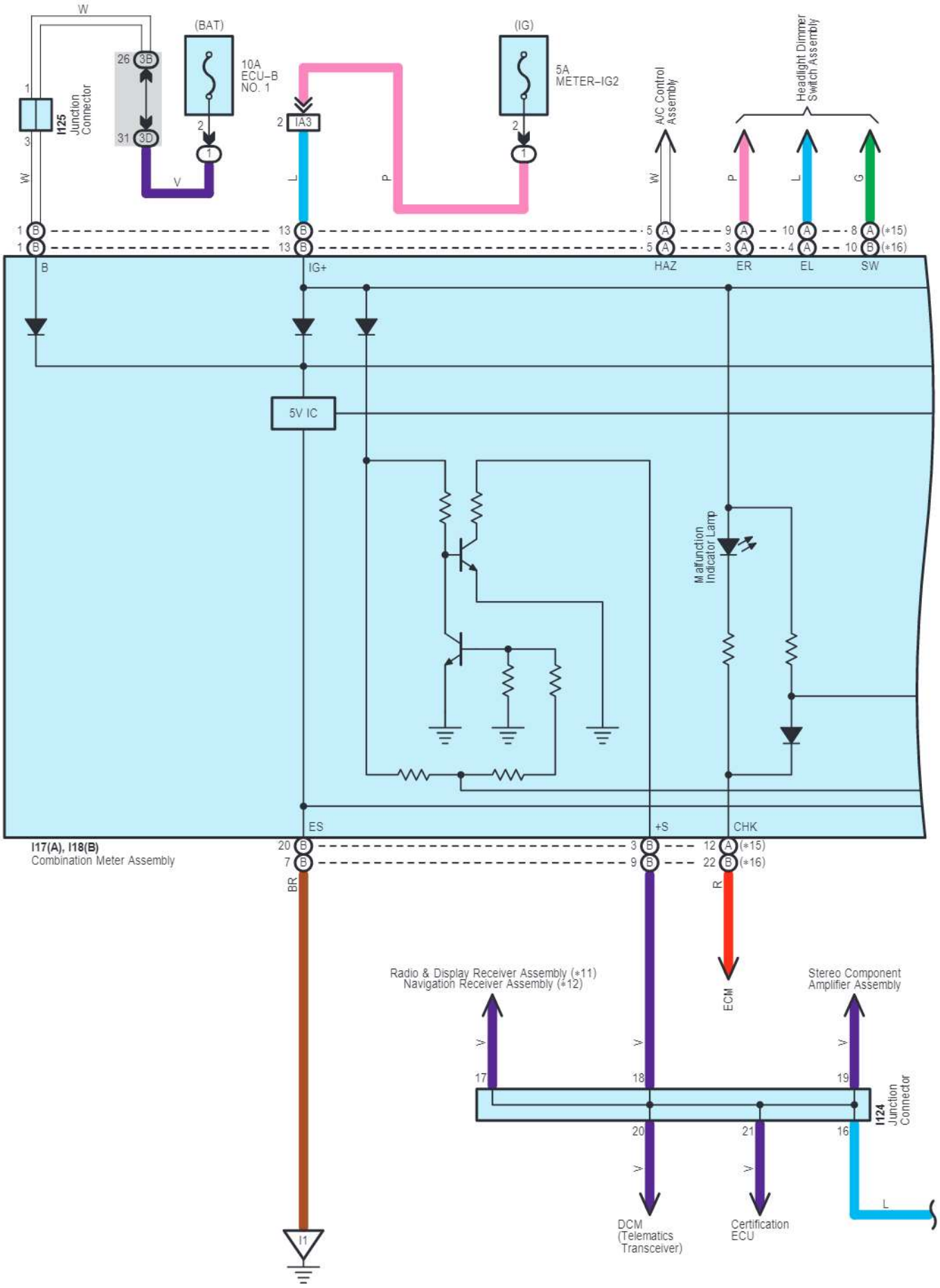


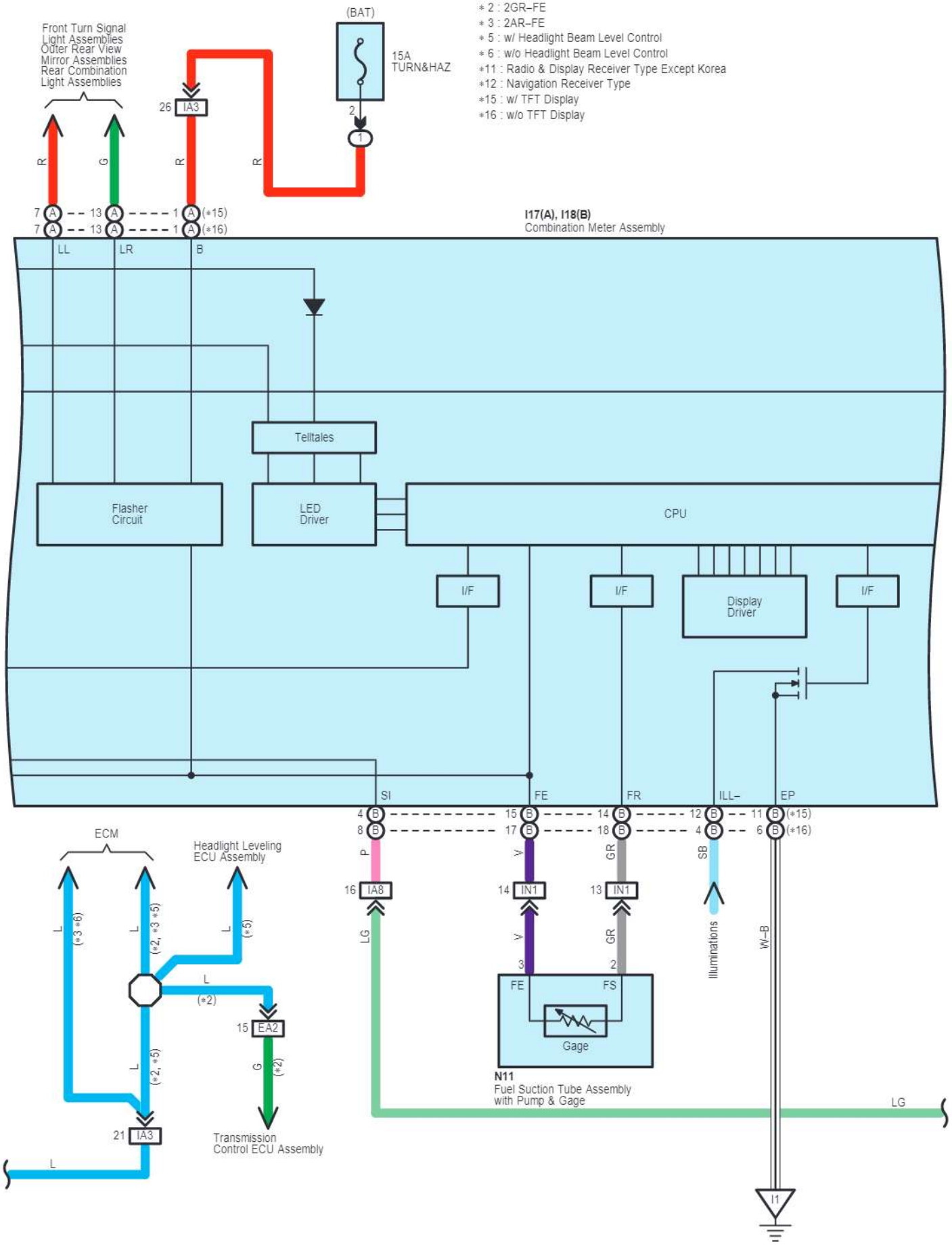
3D
White

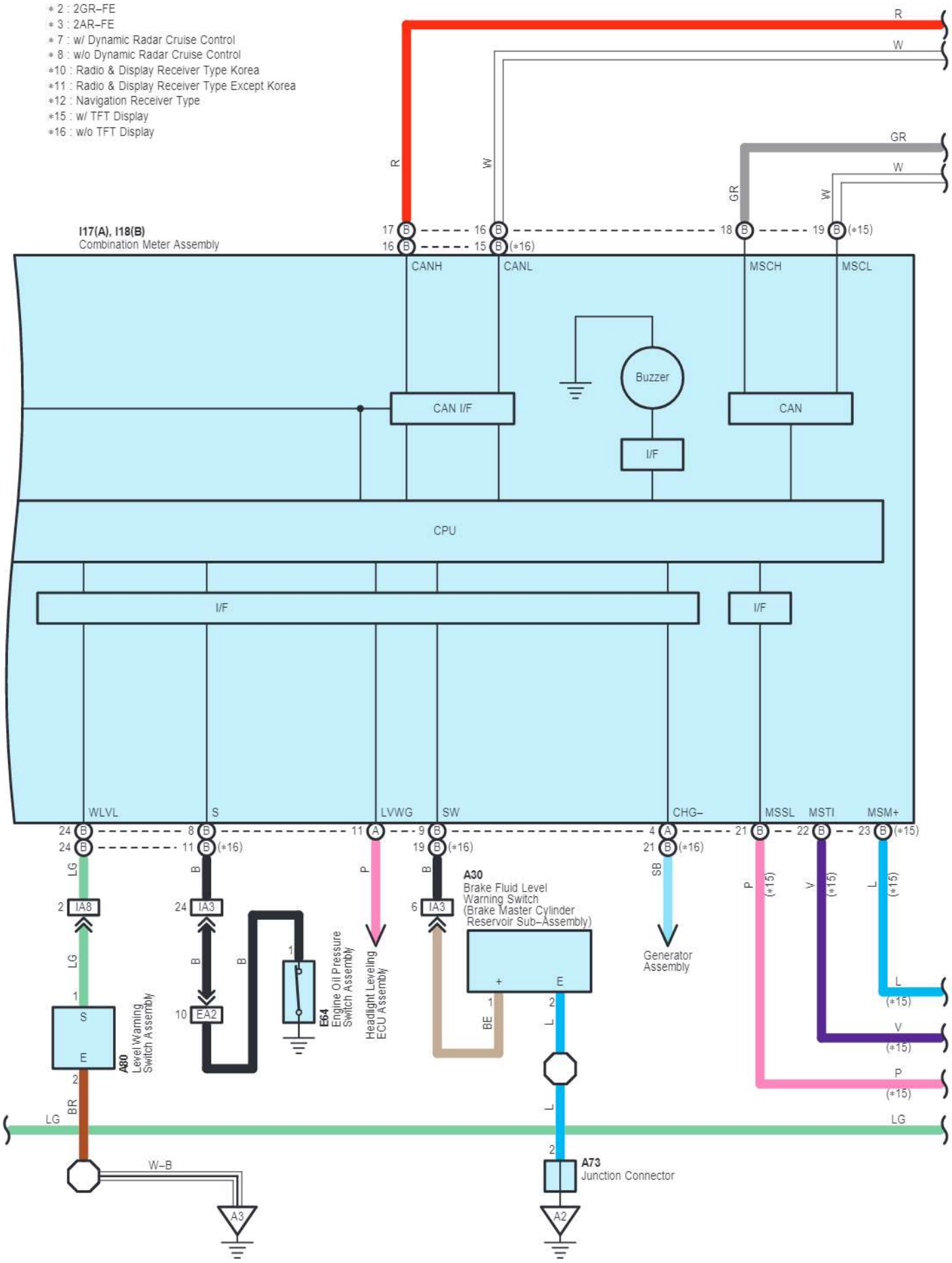


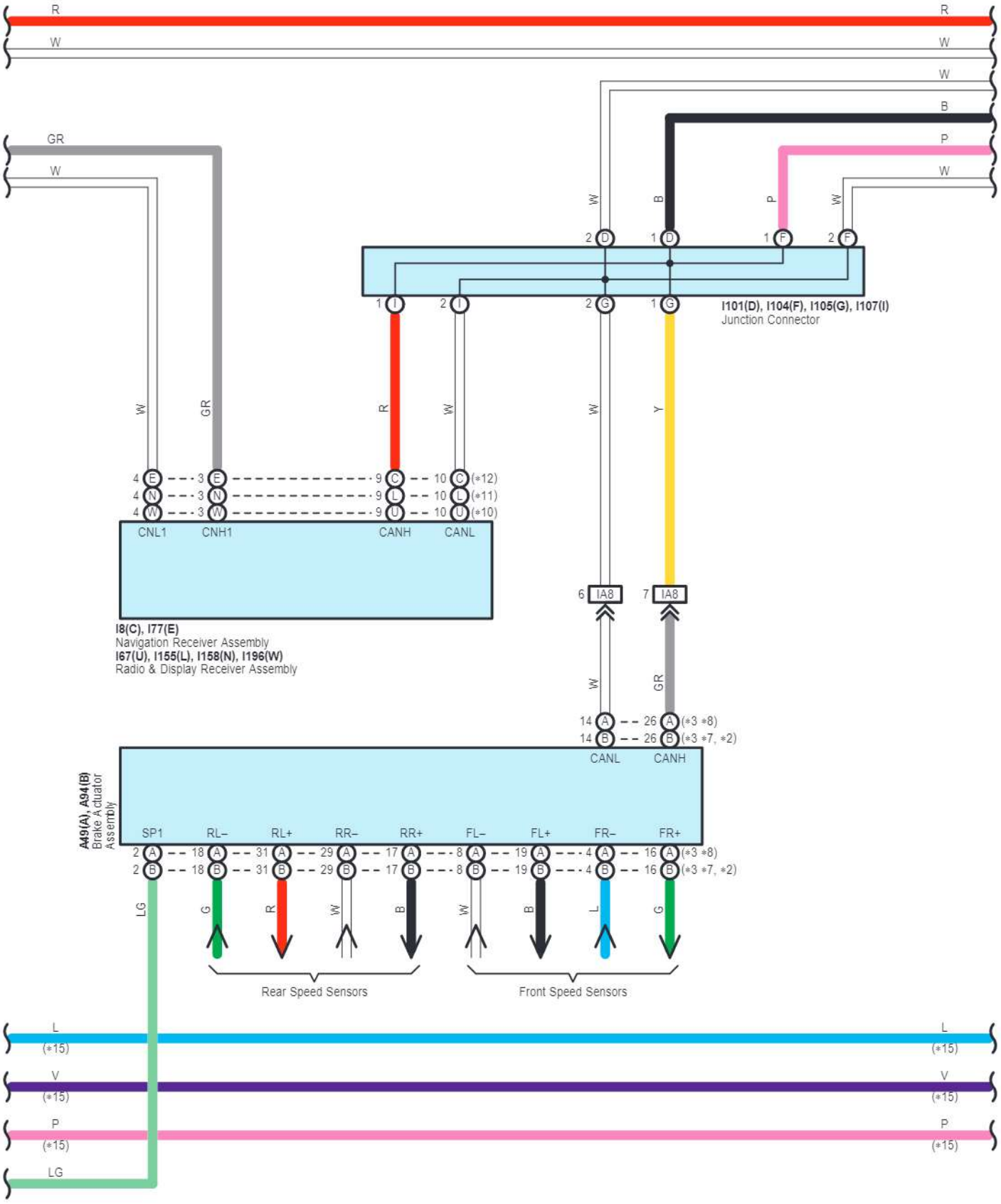
IA8
Gray



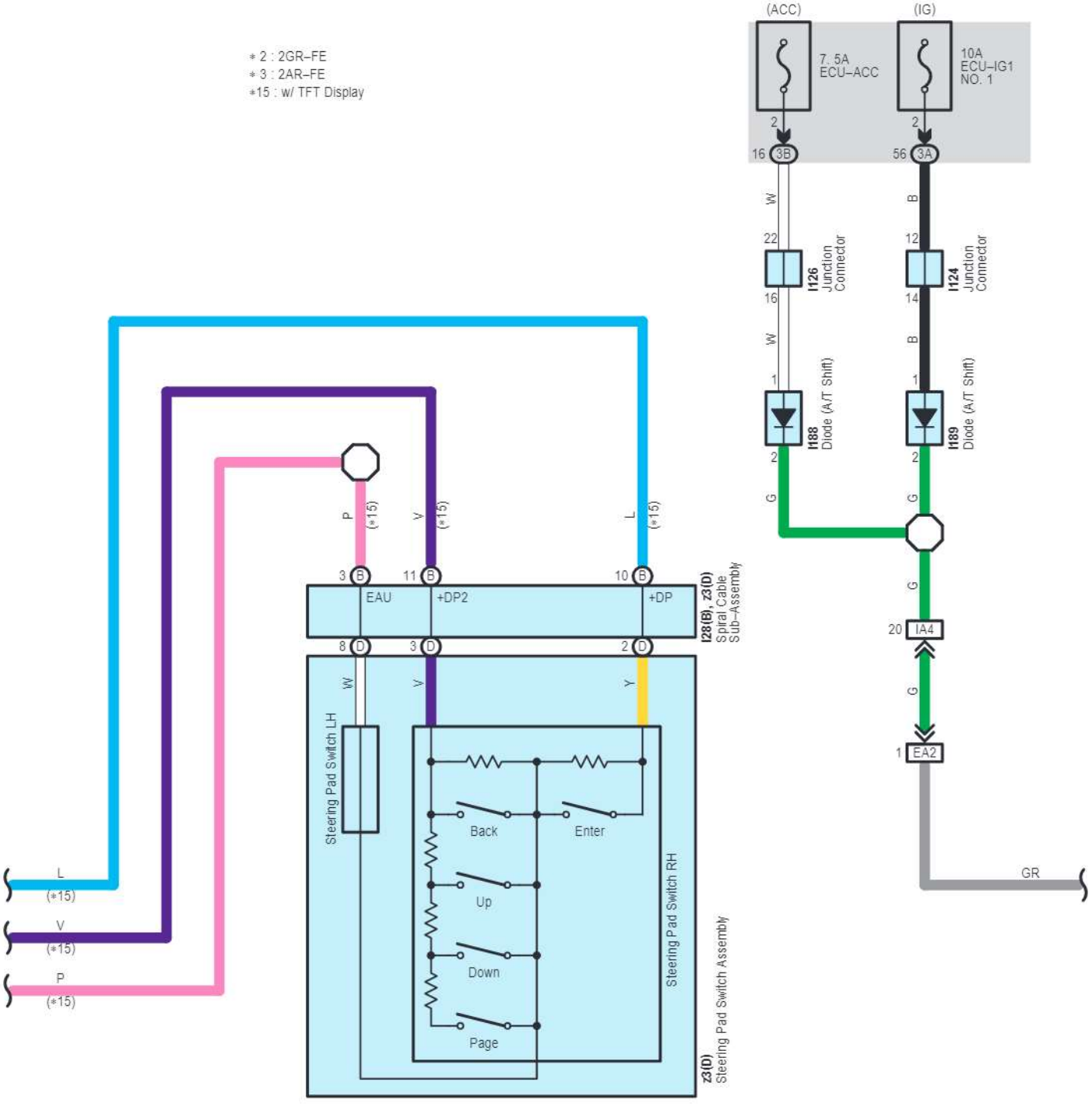

W
(BAT)
10A
ECU-B
NO. 1
(IG)
5A
METER-IG2
I125
Junction
Connector
26 3B
31 3D
2 IA3
A/C Control
Assembly
Headlight Dimmer
Switch Assembly
W
V
L
P
G
1 B
13 B
5 A
9 A
10 A
8 A (*15)
3 A
4 A
10 B (*16)
B
IG+
HAZ
ER
EL
SW
5V IC
Malfunction
Indicator Lamp
ES
+S
CHK
I17(A), I18(B)
Combination Meter Assembly
20 B
7 B
3 B
9 B
12 A (*15)
22 B (*16)
BR
R
ECM
Radio & Display Receiver Assembly (*11)
Navigation Receiver Assembly (*12)
Stereo Component
Amplifier Assembly
17
18
19
I124
Junction
Connector
20
21
16
DCM
(Telematics
Transceiver)
Certification
ECU
I1

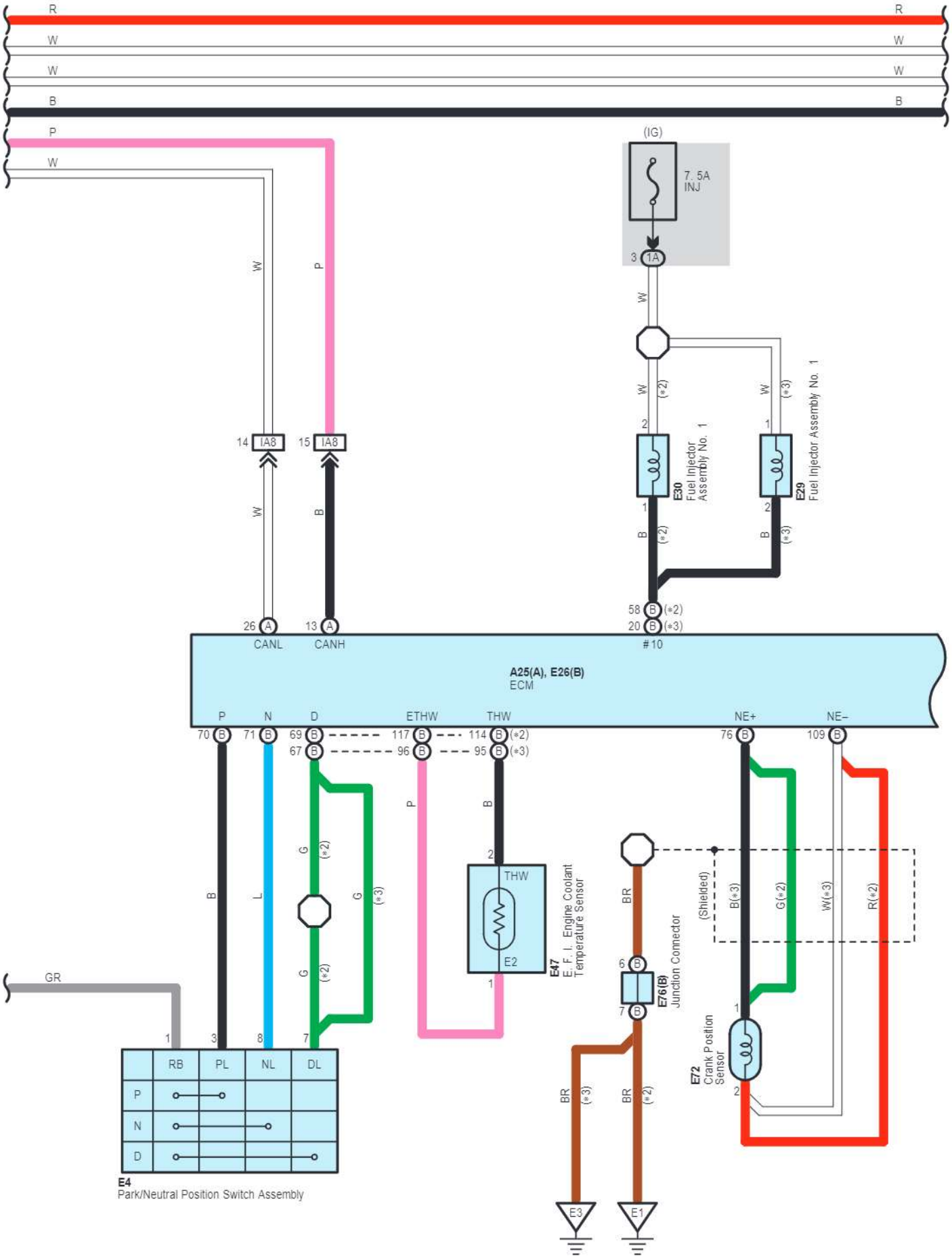

(BAT)
15A
TURN&HAZ
Front Turn Signal Light Assemblies
Outer Rear View Mirror Assemblies
Rear Combination Light Assemblies
26 IA3
2
1
R
G
R
R
7 A 13 A 1 A (*15)
7 A 13 A 1 A (*16)
LL
LR
B
* 2 : 2GR–FE
* 3 : 2AR–FE
* 5 : w/ Headlight Beam Level Control
* 6 : w/o Headlight Beam Level Control
*11 : Radio & Display Receiver Type Except Korea
*12 : Navigation Receiver Type
*15 : w/ TFT Display
*16 : w/o TFT Display
I17(A), I18(B)
Combination Meter Assembly
Telltales
Flasher Circuit
LED Driver
CPU
I/F
I/F
Display Driver
I/F
SI
FE
FR
ILL–
EP
4 B 15 B 14 B 12 B 11 B (*15)
8 B 17 B 18 B 4 B 6 B (*16)
P
V
GR
SB
16 IA8
14 IN1
13 IN1
LG
V
GR
3
2
FE
FS
Gage
N11
Fuel Suction Tube Assembly with Pump & Gage
Illuminations
W–B
LG
I1
ECM
Headlight Leveling ECU Assembly
L
(* 3 *6)
L
(*2, *3 *5)
L
(*5)
L
(*2)
15 EA2
L
(*2, *5)
G
(*2)
21 IA3
L
Transmission Control ECU Assembly

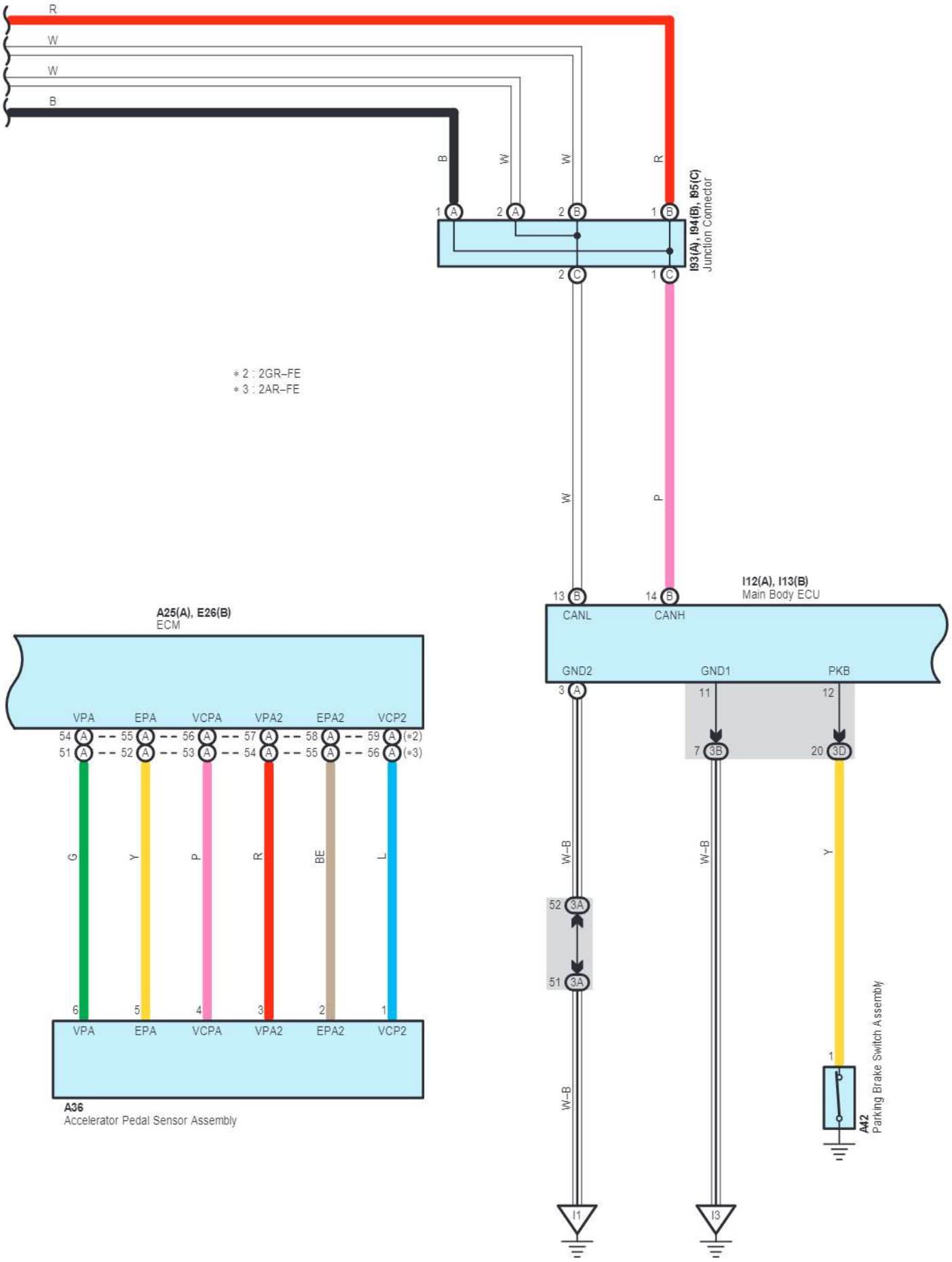

∗2 : 2GR–FE
∗3 : 2AR–FE
∗7 : w/ Dynamic Radar Cruise Control
∗8 : w/o Dynamic Radar Cruise Control
∗10 : Radio & Display Receiver Type Korea
∗11 : Radio & Display Receiver Type Except Korea
∗12 : Navigation Receiver Type
∗15 : w/ TFT Display
∗16 : w/o TFT Display
I17(A), I18(B)
Combination Meter Assembly
CANH
CANL
MSCH
MSCL
Buzzer
CAN I/F
CAN
I/F
CPU
I/F
I/F
WLVL
S
LVWG
SW
CHG–
MSSL
MSTI
MSM+
A80
Level Warning Switch Assembly
E64
Engine Oil Pressure Switch Assembly
Headlight Leveling ECU Assembly
A30
Brake Fluid Level Warning Switch (Brake Master Cylinder Reservoir Sub–Assembly)
Generator Assembly
A73
Junction Connector
W–B
A3
A2

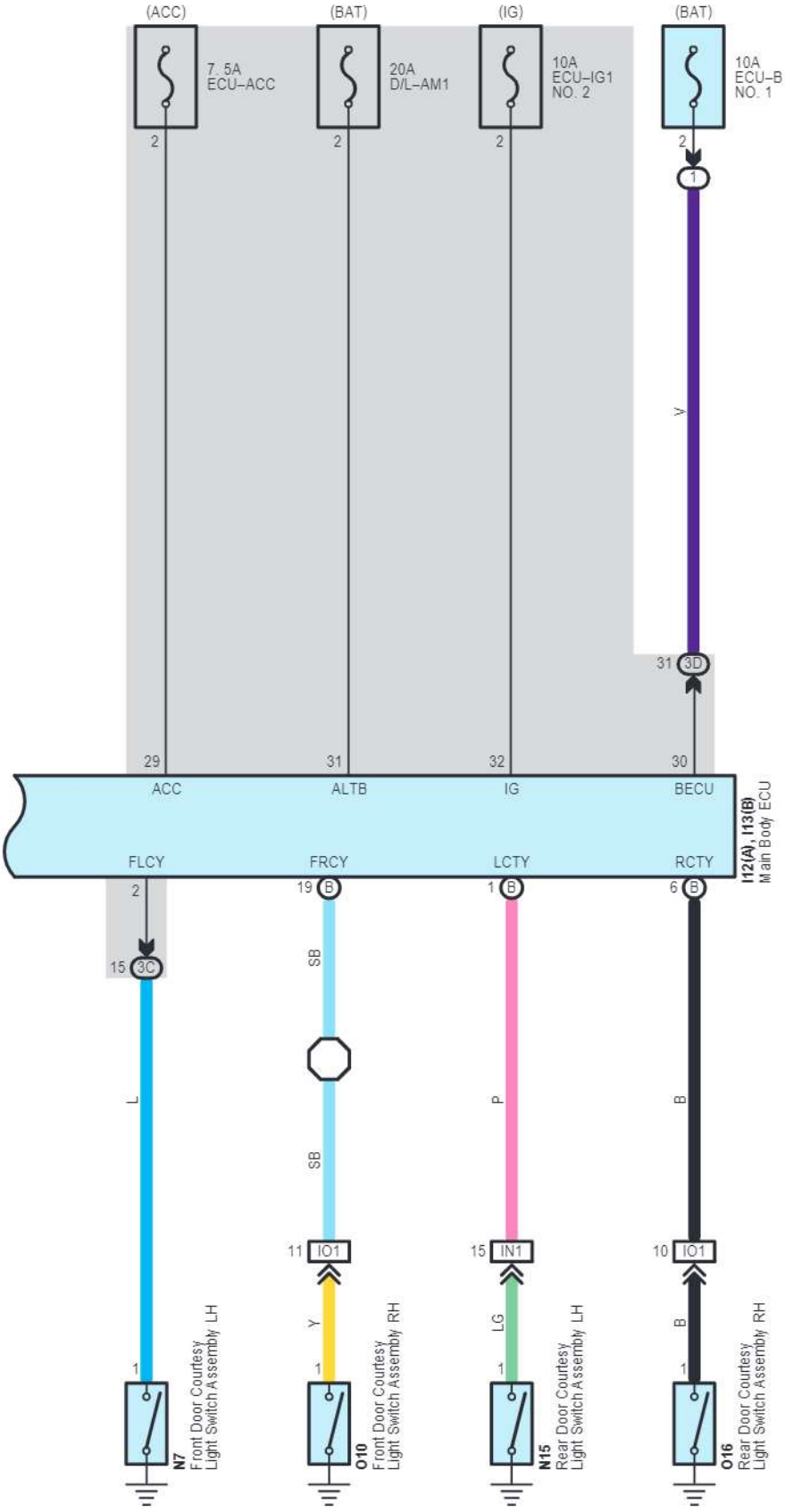

R
W
GR
W
W
B
P
W
W
B
P
W
2 D
1 D
1 F
2 F
1 I
2 I
2 G
1 G
I101(D), I104(F), I105(G), I107(I)
Junction Connector
W
GR
R
W
W
Y
4 E
3 E
9 C
10 C (*12)
4 N
3 N
9 L
10 L (*11)
4 W
3 W
9 U
10 U (*10)
CNL1
CNH1
CANH
CANL
I8(C), I77(E)
Navigation Receiver Assembly
I67(U), I155(L), I158(N), I196(W)
Radio & Display Receiver Assembly
6 IA8
7 IA8
W
GR
14 A
26 A (*3 *8)
14 B
26 B (*3 *7, *2)
CANL
CANH
A49(A), A94(B)
Brake Actuator Assembly
SP1
RL–
RL+
RR–
RR+
FL–
FL+
FR–
FR+
2 A
18 A
31 A
29 A
17 A
8 A
19 A
4 A
16 A (*3 *8)
2 B
18 B
31 B
29 B
17 B
8 B
19 B
4 B
16 B (*3 *7, *2)
LG
G
R
W
B
W
B
L
G
Rear Speed Sensors
Front Speed Sensors
L
(*15)
V
(*15)
P
(*15)
LG
L
(*15)
V
(*15)
P
(*15)


R
W
W
B
P
W
R
W
W
B
P
W

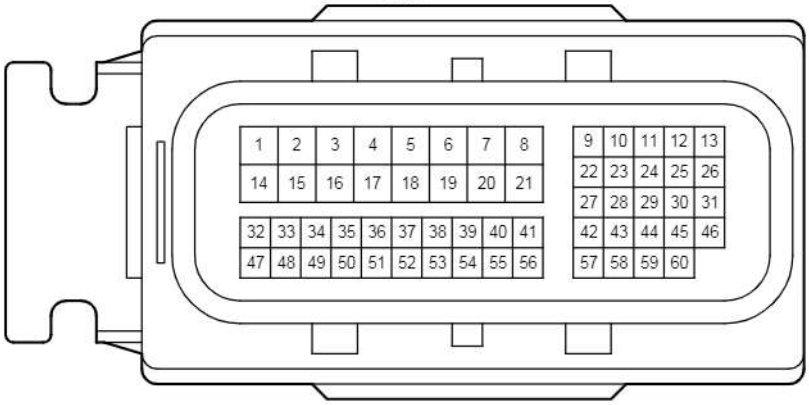

* 2 : 2GR–FE
* 3 : 2AR–FE
*15 : w/ TFT Display
(ACC)
(IG)
7. 5A
ECU–ACC
10A
ECU–IG1
NO. 1
2
16 3B
56 3A
W
22
I126
Junction
Connector
16
W
1
I188
Diode (A/T Shift)
B
12
I124
Junction
Connector
14
B
1
I189
Diode (A/T Shift)
2
G
G
20 IA4
G
1 EA2
GR
P
(*15)
V
(*15)
L
(*15)
3 B
11 B
10 B
EAU
+DP2
+DP
I28(B), Z3(D)
Spiral Cable
Sub–Assembly
8 D
3 D
2 D
W
V
Y
Steering Pad Switch LH
Back
Enter
Up
Down
Page
Steering Pad Switch RH
Z3(D)
Steering Pad Switch Assembly
L
(*15)
V
(*15)
P
(*15)


R
W
W
B
P
W
(IG)
7. 5A
INJ
3 1A
14 IA8
15 IA8
26 A
CANL
13 A
CANH
58 B (*2)
20 B (*3)
#10
E30
Fuel Injector
Assembly No. 1
E29
Fuel Injector Assembly No. 1
A25(A), E26(B)
ECM
P
N
D
ETHW
THW
NE+
NE–
70 B
71 B
69 B
67 B
117 B
96 B
114 B (*2)
95 B (*3)
76 B
109 B
THW
E2
E47
E. F. I. Engine Coolant
Temperature Sensor
GR
RB
PL
NL
DL
E4
Park/Neutral Position Switch Assembly
BR
E76(B)
Junction Connector
(Shielded)
B(*3)
G(*2)
W(*3)
R(*2)
E72
Crank Position
Sensor
E3
E1


R
W
W
B
B
W
W
R
1 A
2 A
2 B
1 B
2 C
1 C
I93(A), I94(B), I95(C)
Junction Connector
* 2 : 2GR-FE
* 3 : 2AR-FE
W
P
13 B
14 B
I12(A), I13(B)
Main Body ECU
CANL
CANH
GND2
GND1
PKB
3 A
11
12
7 3B
20 3D
A25(A), E26(B)
ECM
VPA
EPA
VCPA
VPA2
EPA2
VCP2
54 A
55 A
56 A
57 A
58 A
59 A (*2)
51 A
52 A
53 A
54 A
55 A
56 A (*3)
G
Y
P
R
BE
L
W-B
W-B
Y
52 3A
51 3A
6
5
4
3
2
1
I1
I3
1
A42
Parking Brake Switch Assembly
A36
Accelerator Pedal Sensor Assembly


(ACC)
(BAT)
(IG)
(BAT)
7. 5A
ECU–ACC
20A
D/L–AM1
10A
ECU–IG1
NO. 2
10A
ECU–B
NO. 1
2
2
2
2
1
Y
31
3D
29
31
32
30
ACC
ALTB
IG
BECU
I12(A), I13(B)
Main Body ECU
FLCY
FRCY
LCTY
RCTY
2
19
B
1
B
6
B
15
3C
SB
SB
L
P
B
11
IO1
15
IN1
10
IO1
Y
LG
B
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

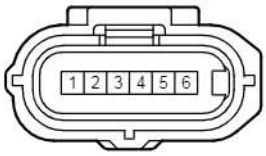
A 25
Black



A 30
Gray



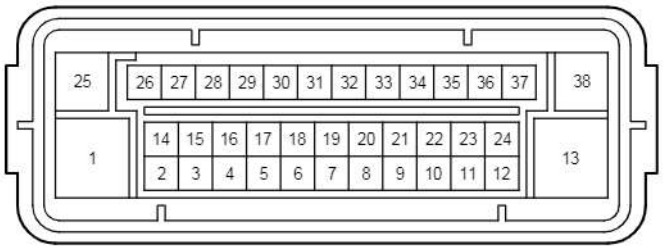
A 36
Black



A 42
Black



A 49
Black



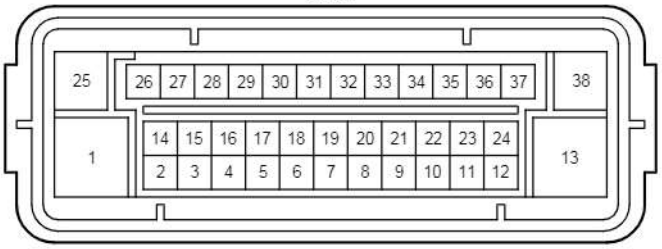
A 73
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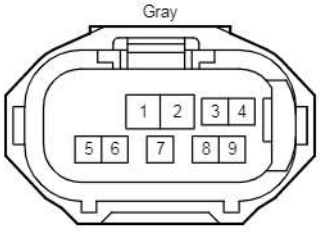
A 80
Black



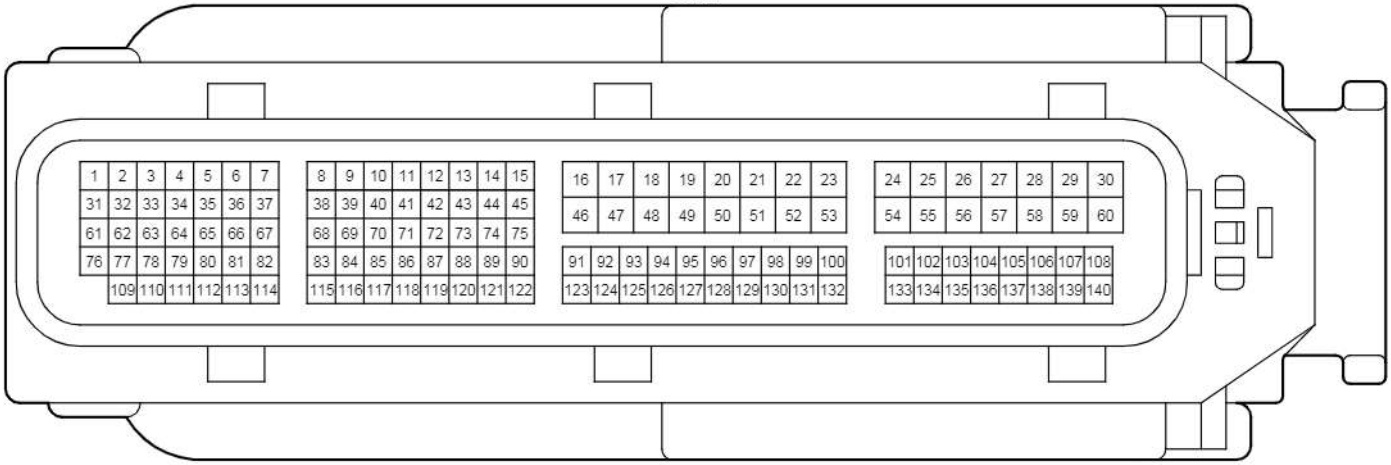
A 94
Black



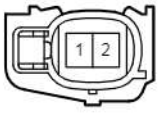
E 4
Gray



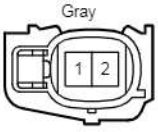
E 26
Black



E 29
Black



E 30
Gray



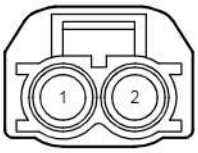
E 47
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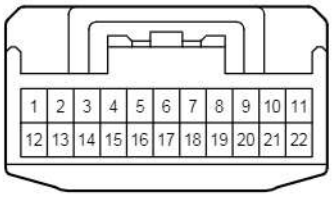
E 64
Gray



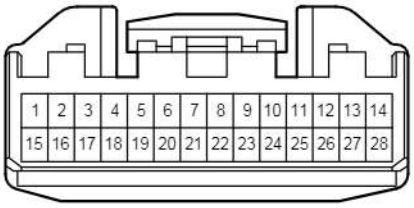
E 72
Black



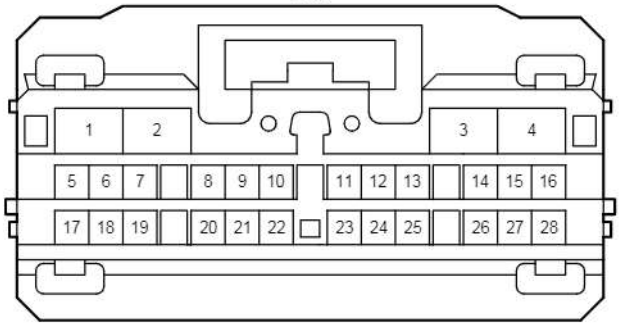
E 76
White



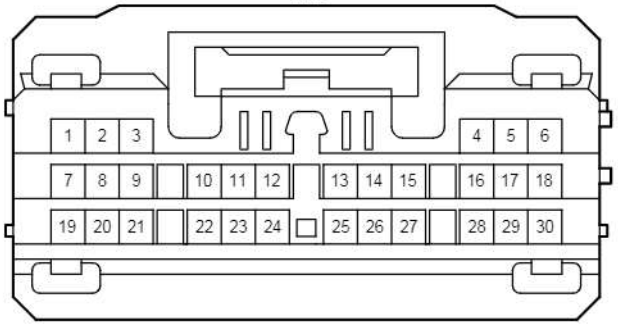
I 8
White



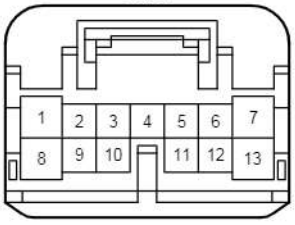
I 12
White



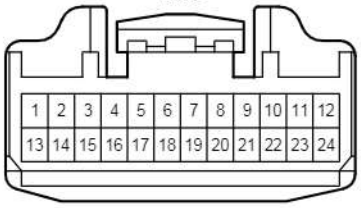
I 13
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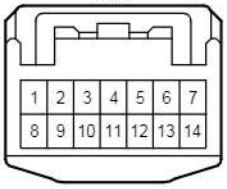
I 17
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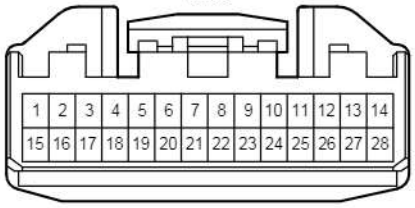
I 18
Black



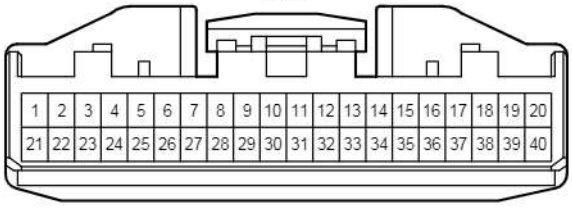
I 28
Black



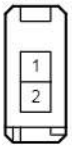
I 67
White



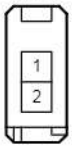
I 77
White



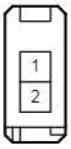
I 93
White



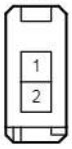
I 94
White



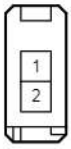
I 95
White



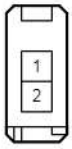
I101
White



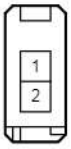
I104
White



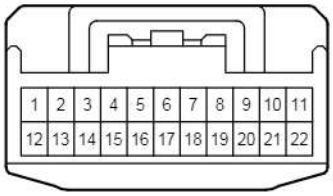
I105
White



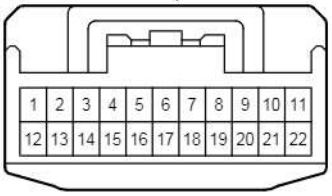
I107
White



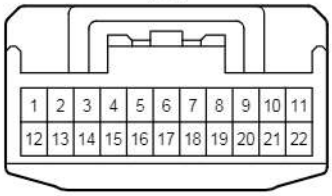
I124
White



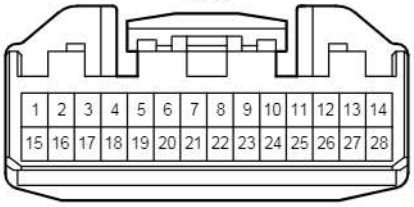
I125
Gray



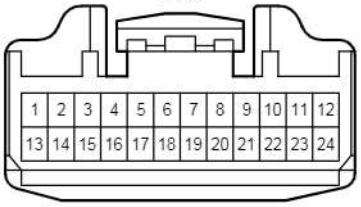
I126
White



I155
White



I158
White



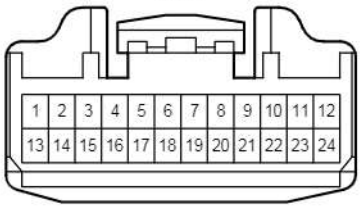
I188
Gray



I189
Gray



I196
White



N 7
Black



N 11
White



N 15
Black



O 10
Black



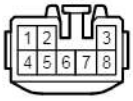
O 16
Black



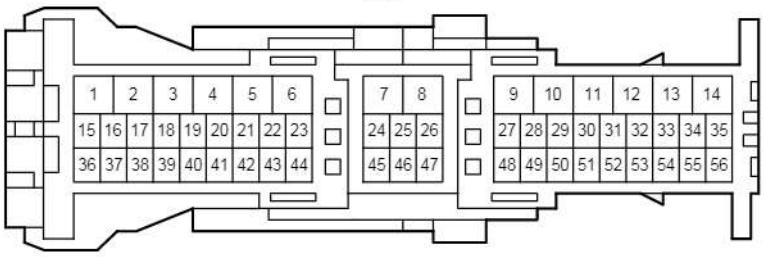
z 3
Black



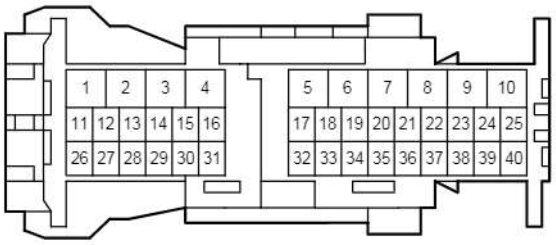
1A
White



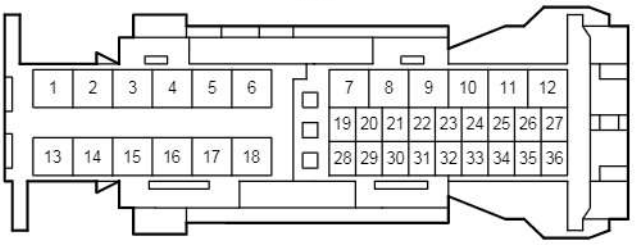
3A
White



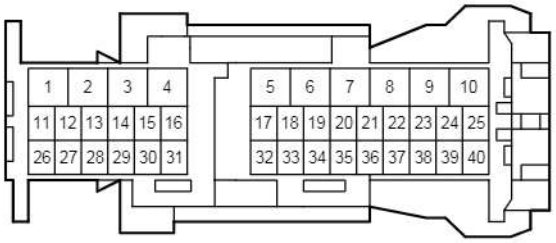
3B
White



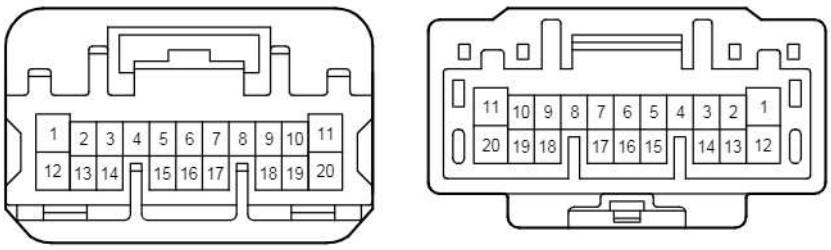
3C
White



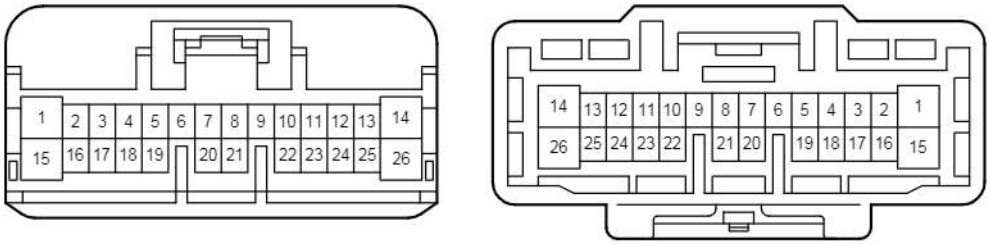
3D
White



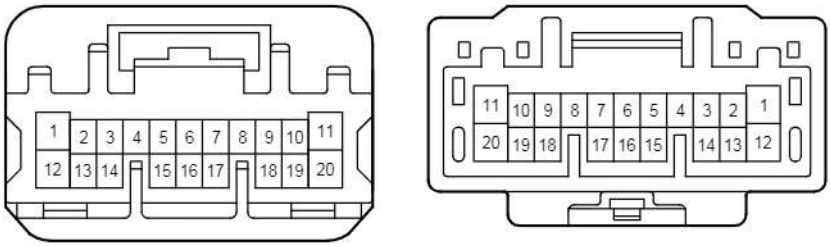
EA2
White



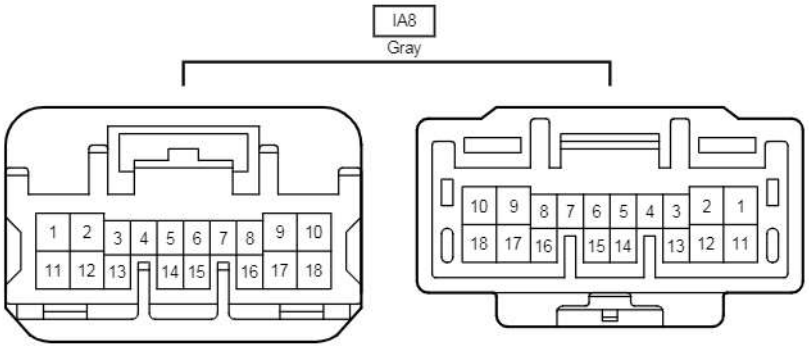
IA3
Blue



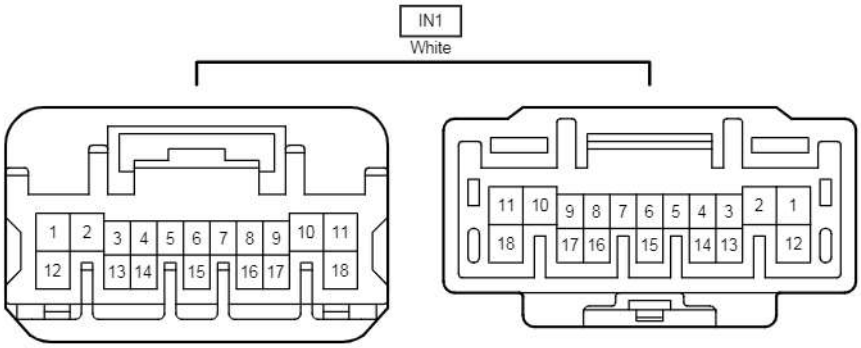
IA4
Gray



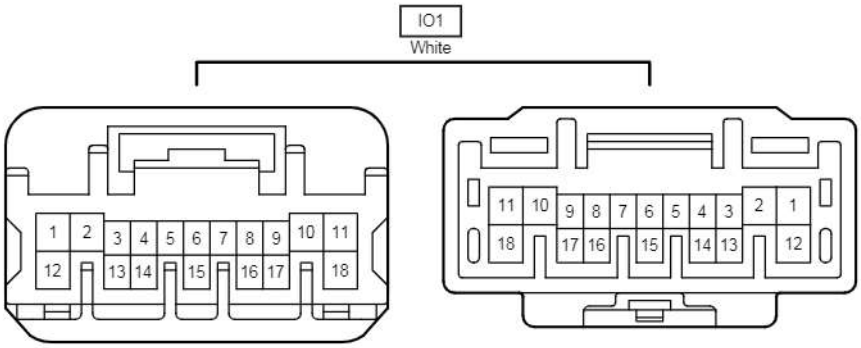
IA8
Gray

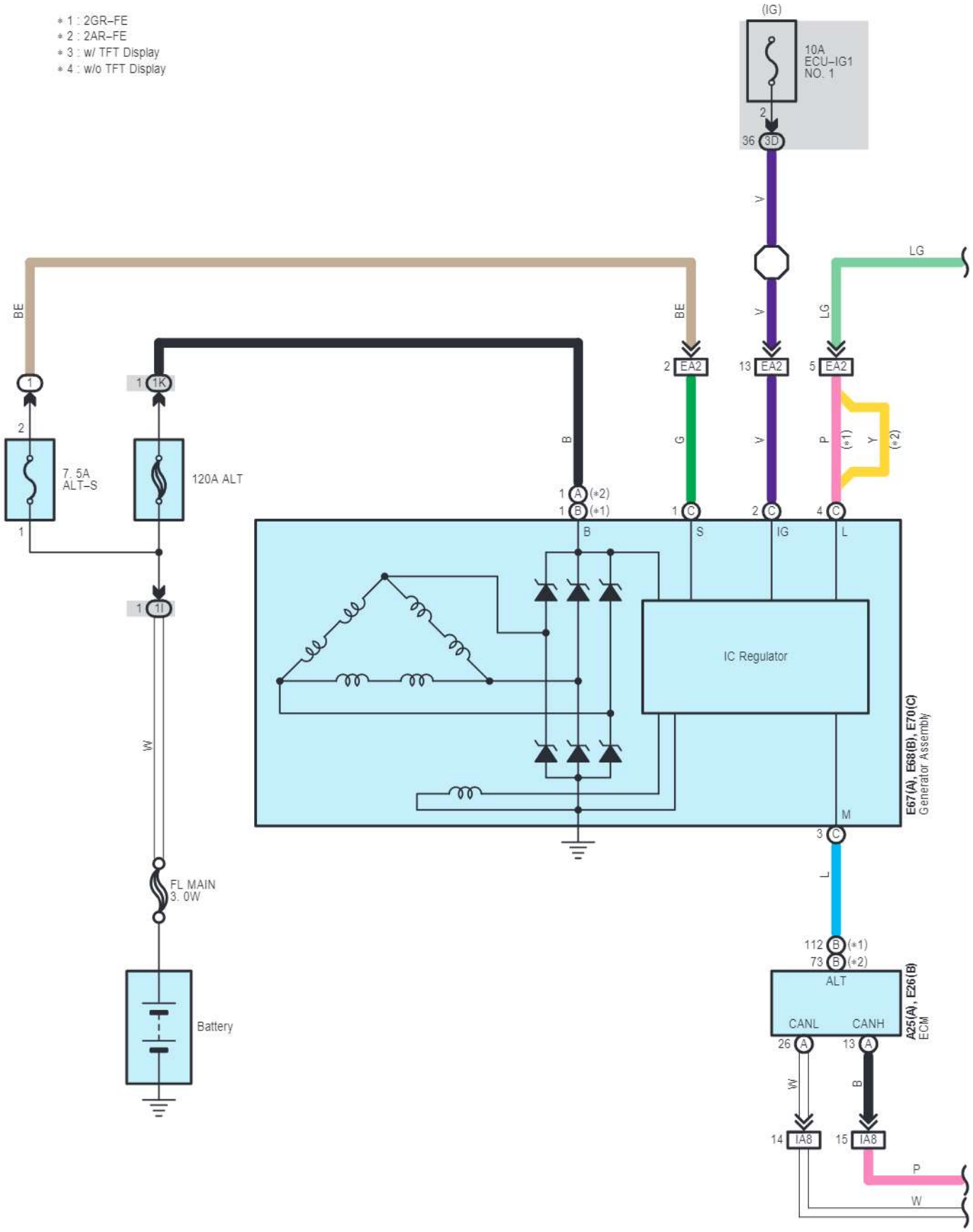


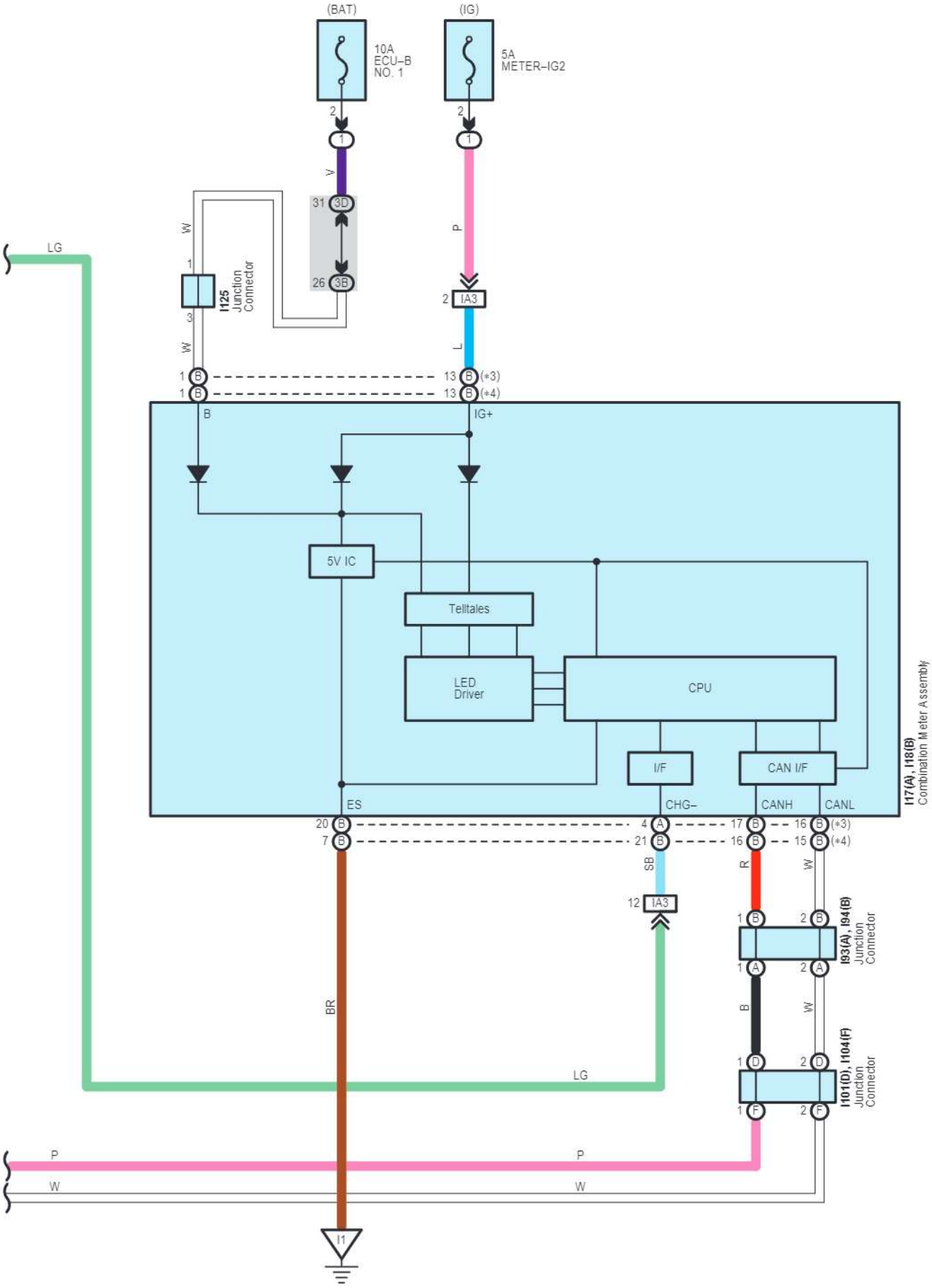
IN1
White



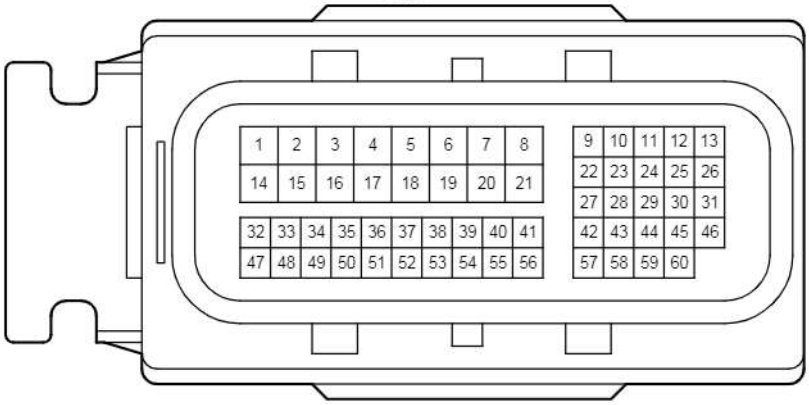
IO1
White



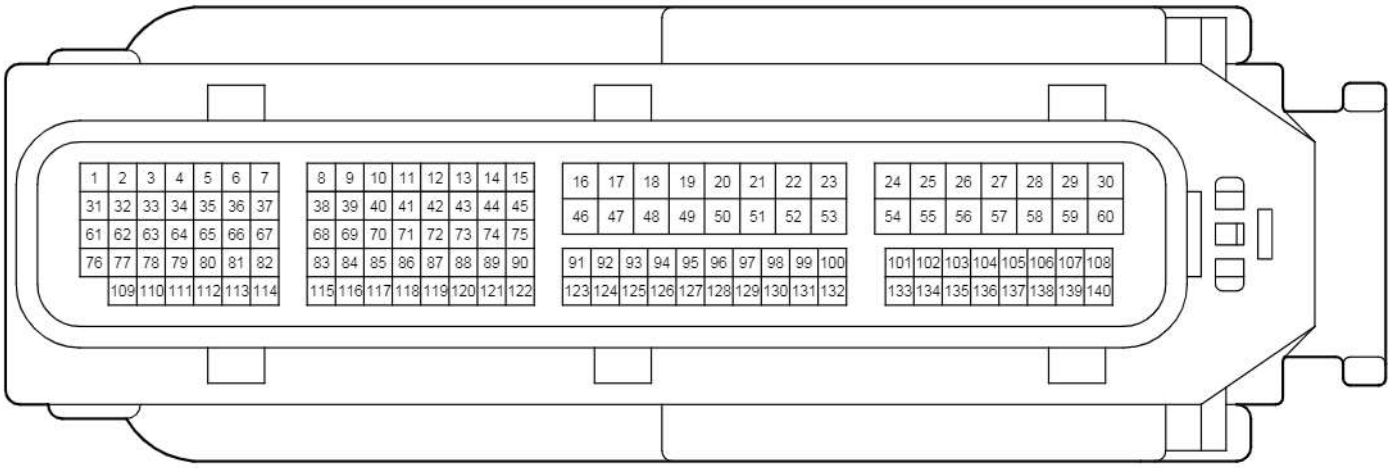

* 1 : 2GR–FE
* 2 : 2AR–FE
* 3 : w/ TFT Display
* 4 : w/o TFT Display
(IG)
10A
ECU–IG1
NO. 1
2
36 3D
V
LG
BE
1
2
7. 5A
ALT–S
1
1 1K
120A ALT
B
1 A (*2)
1 B (*1)
BE
2 EA2
G
1 C
V
13 EA2
2 C
LG
5 EA2
P
(*1)
Y
(*2)
4 C
B
S
IG
L
IC Regulator
M
3 C
E67(A), E68(B), E70(C)
Generator Assembly
1 1I
W
FL MAIN
3. 0W
Battery
L
112 B (*1)
73 B (*2)
ALT
CANL
CANH
26 A
13 A
A25(A), E26(B)
ECM
W
B
14 IA8
15 IA8
P
W


(BAT)
(IG)
10A
ECU–B
NO. 1
5A
METER–IG2
2
1
V
31 3D
26 3B
W
1
3
W
I125
Junction
Connector
P
2 IA3
L
LG
1 B
13 B (*3)
1 B
13 B (*4)
B
IG+
5V IC
Telltales
LED
Driver
CPU
I/F
CAN I/F
ES
CHG–
CANH
CANL
I17(A), I18(B)
Combination Meter Assembly
20 B
7 B
4 A
21 B
17 B
16 B
16 B
15 B
(*3)
(*4)
SB
12 IA3
R
W
1 B
2 B
I93(A), I94(B)
Junction
Connector
1 A
2 A
B
W
1 D
2 D
I101(D), I104(F)
Junction
Connector
1 F
2 F
BR
LG
P
P
W
W
I1

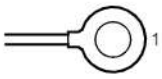
A 25
Black



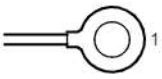
E 26
Black



E 67



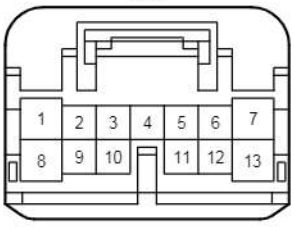
E 68



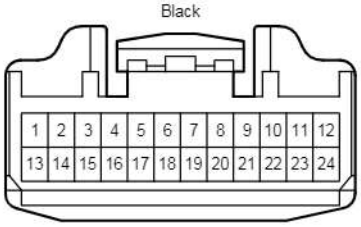
E 70
Black



I 17
Black



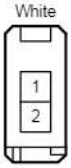
I 18
Black



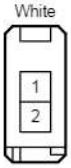
I 93
White



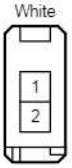
I 94
White



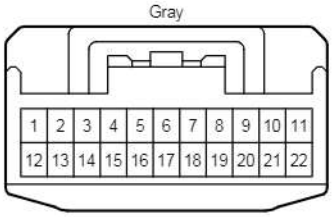
I101
White



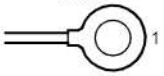
I104
White



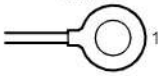
I125
Gray



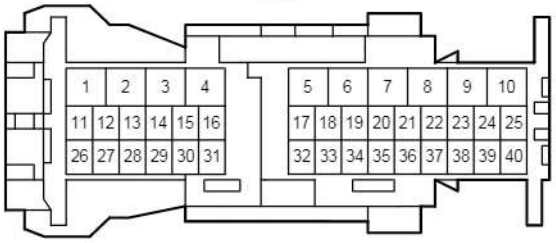
1I
White



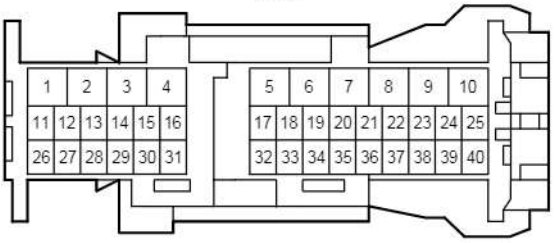
1K
White



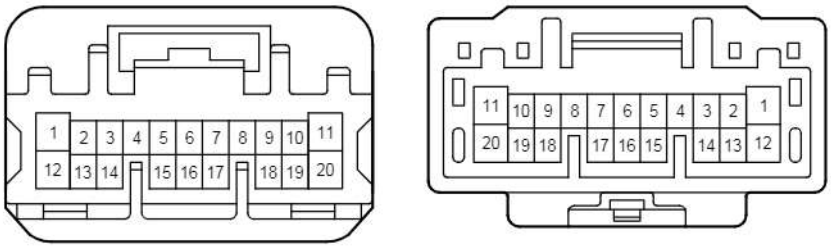
3B
White



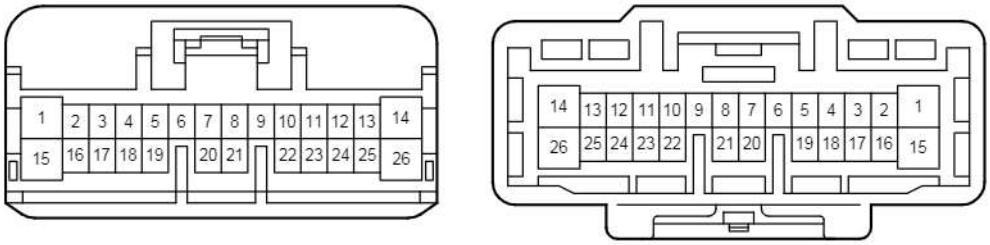
3D
White



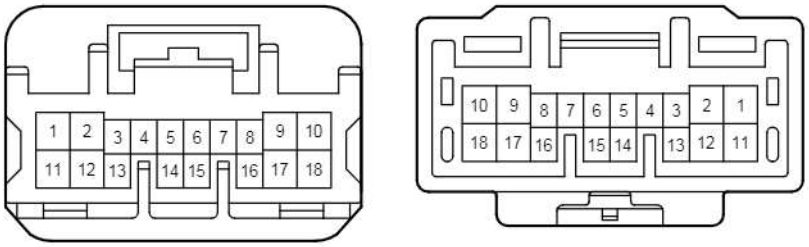
EA2
White

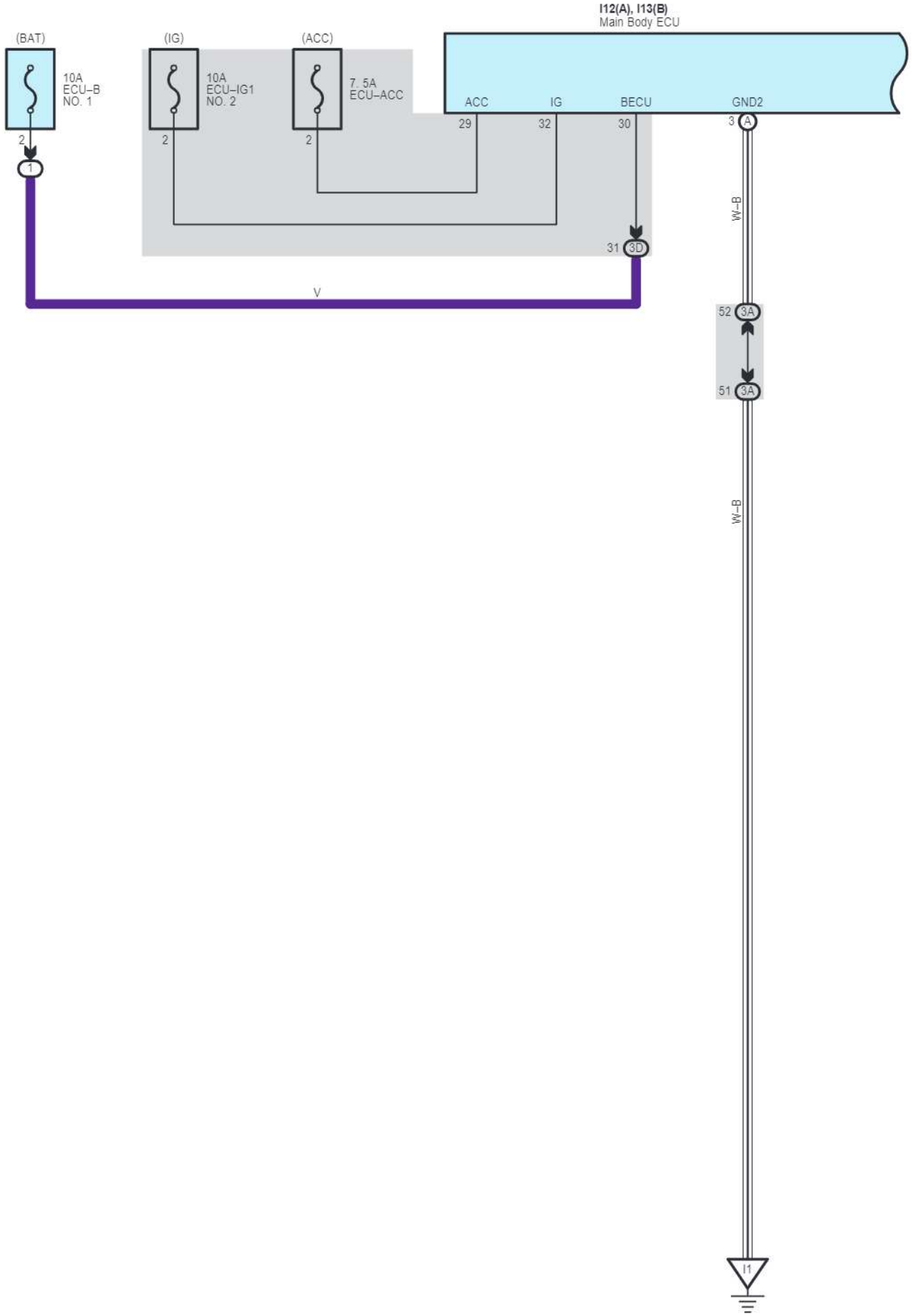


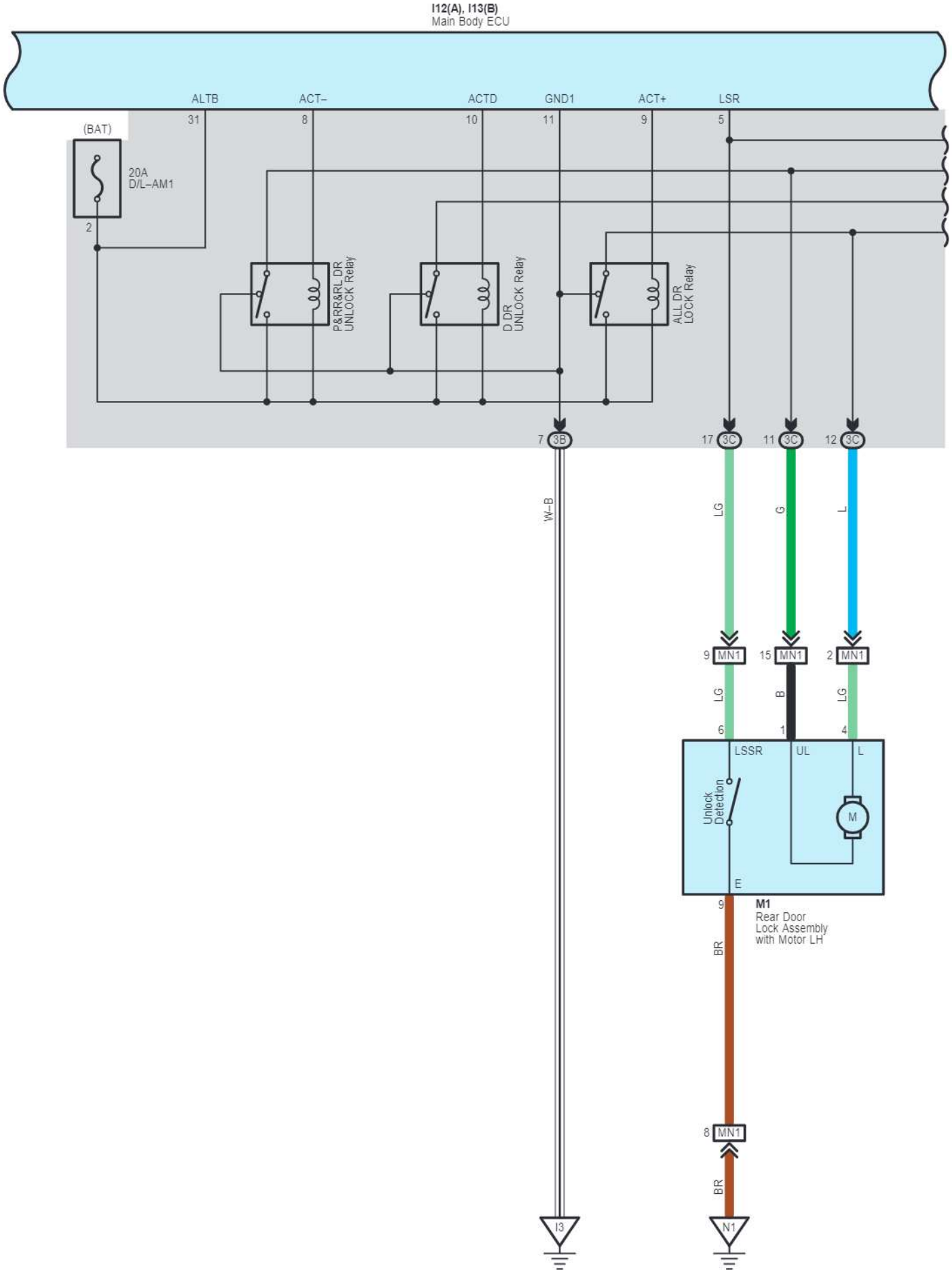
IA3
Blue

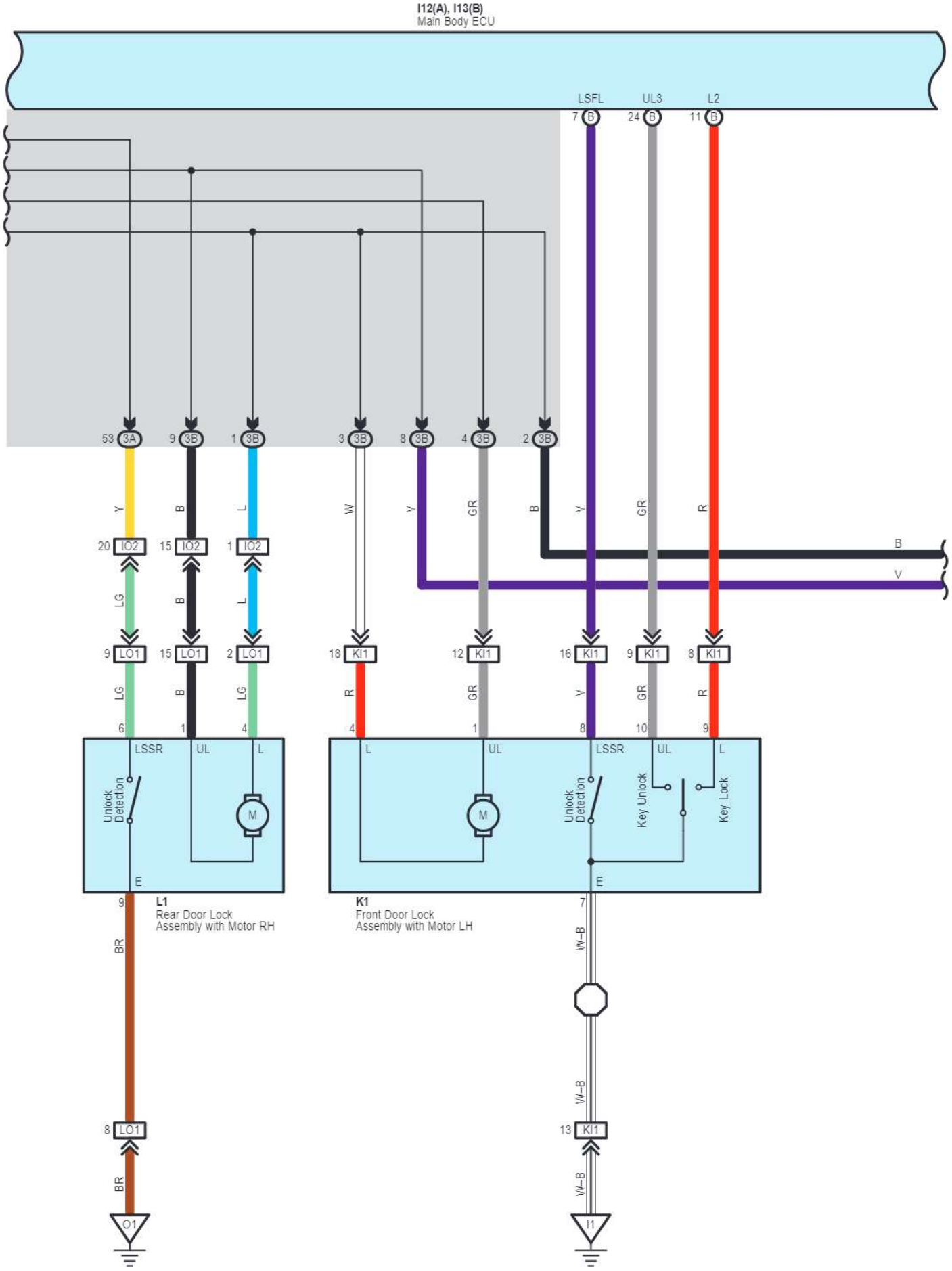


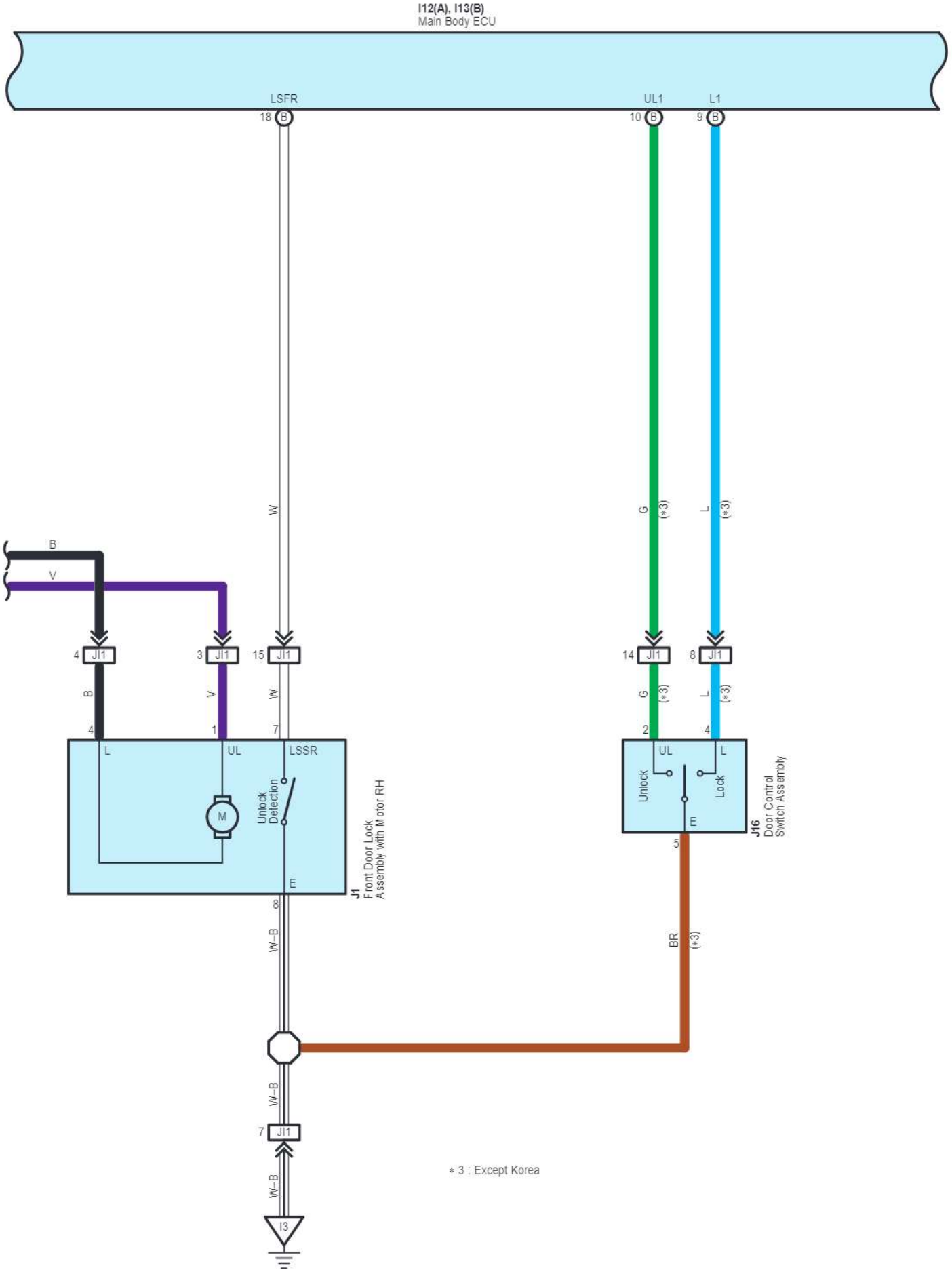
IA8
Gray

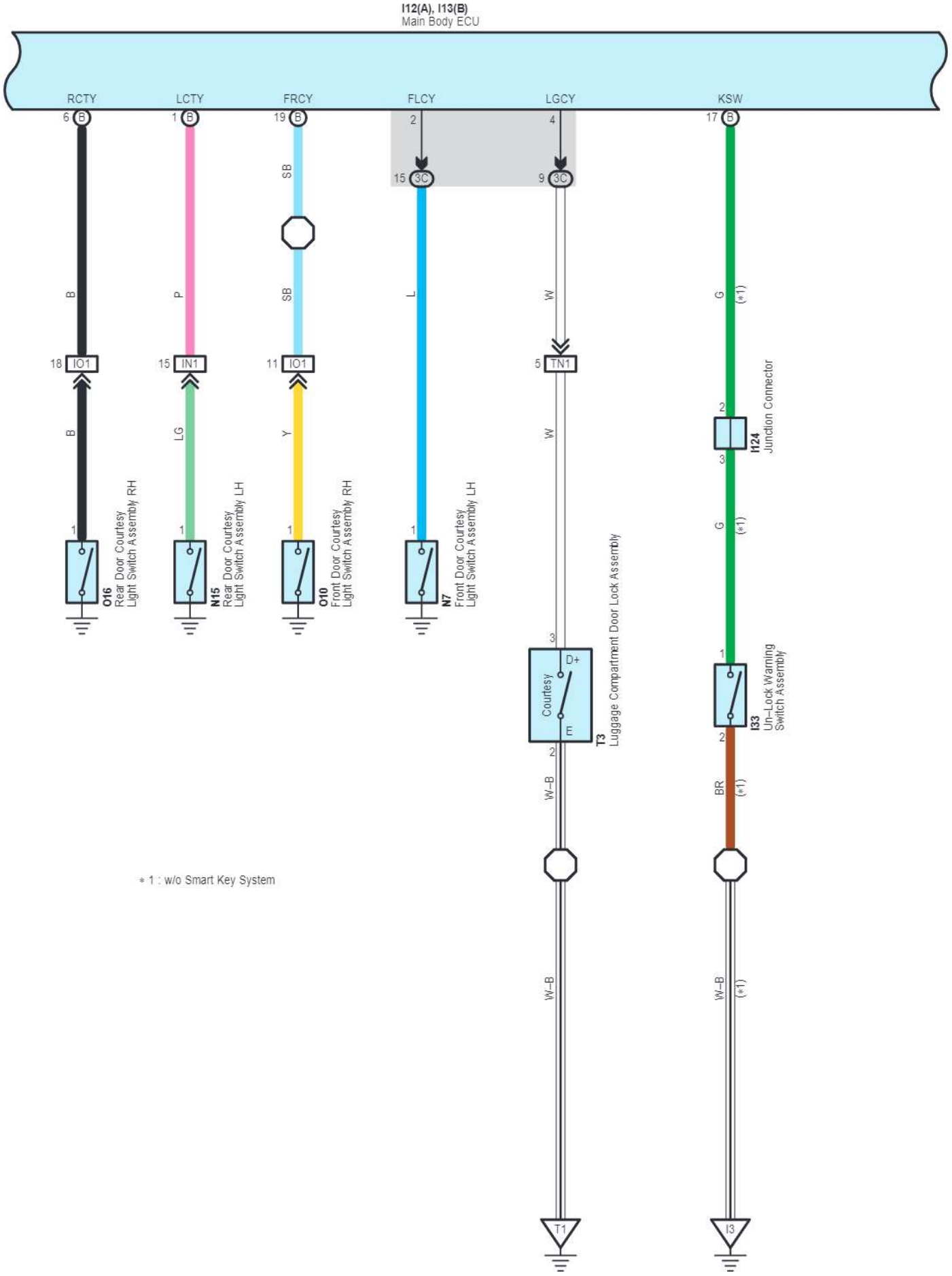


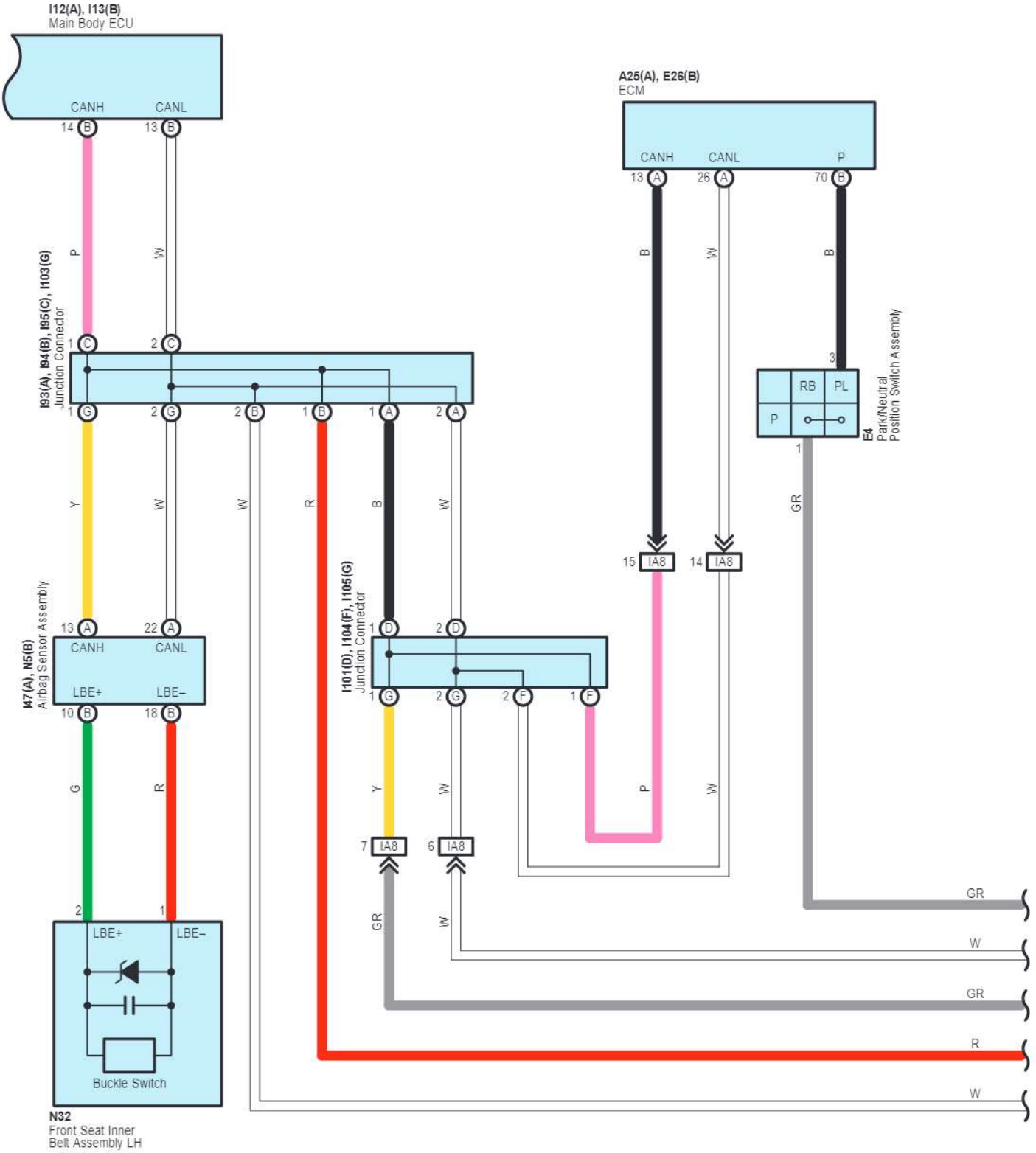

I12(A), I13(B)
Main Body ECU
(BAT)
(IG)
(ACC)
10A
ECU–B
NO. 1
10A
ECU–IG1
NO. 2
7. 5A
ECU–ACC
ACC
IG
BECU
GND2
29
32
30
3 A
2
2
2
1
31 3D
V
W–B
52 3A
51 3A
W–B
I1

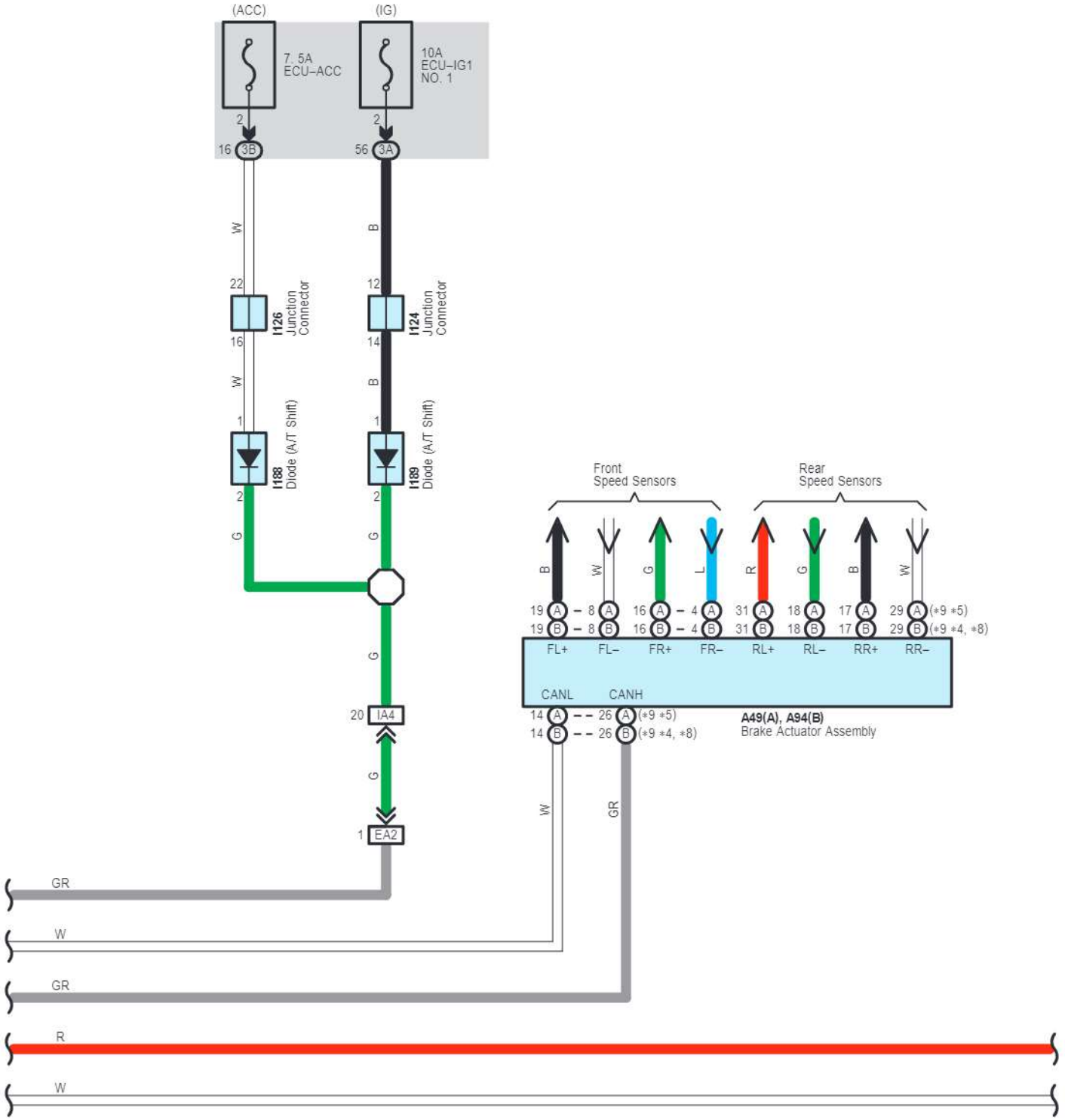

I12(A), I13(B)
Main Body ECU
ALTB
ACT–
ACTD
GND1
ACT+
LSR
31
8
10
11
9
5
(BAT)
20A
D/L–AM1
2
P&RR&RL DR
UNLOCK Relay
D DR
UNLOCK Relay
ALL DR
LOCK Relay
7 3B
17 3C
11 3C
12 3C
W–B
LG
G
L
9 MN1
15 MN1
2 MN1
LG
B
LG
6
1
4
LSSR
UL
L
Unlock
Detection
M
E
9
M1
Rear Door
Lock Assembly
with Motor LH
BR
8 MN1
BR
I3
N1

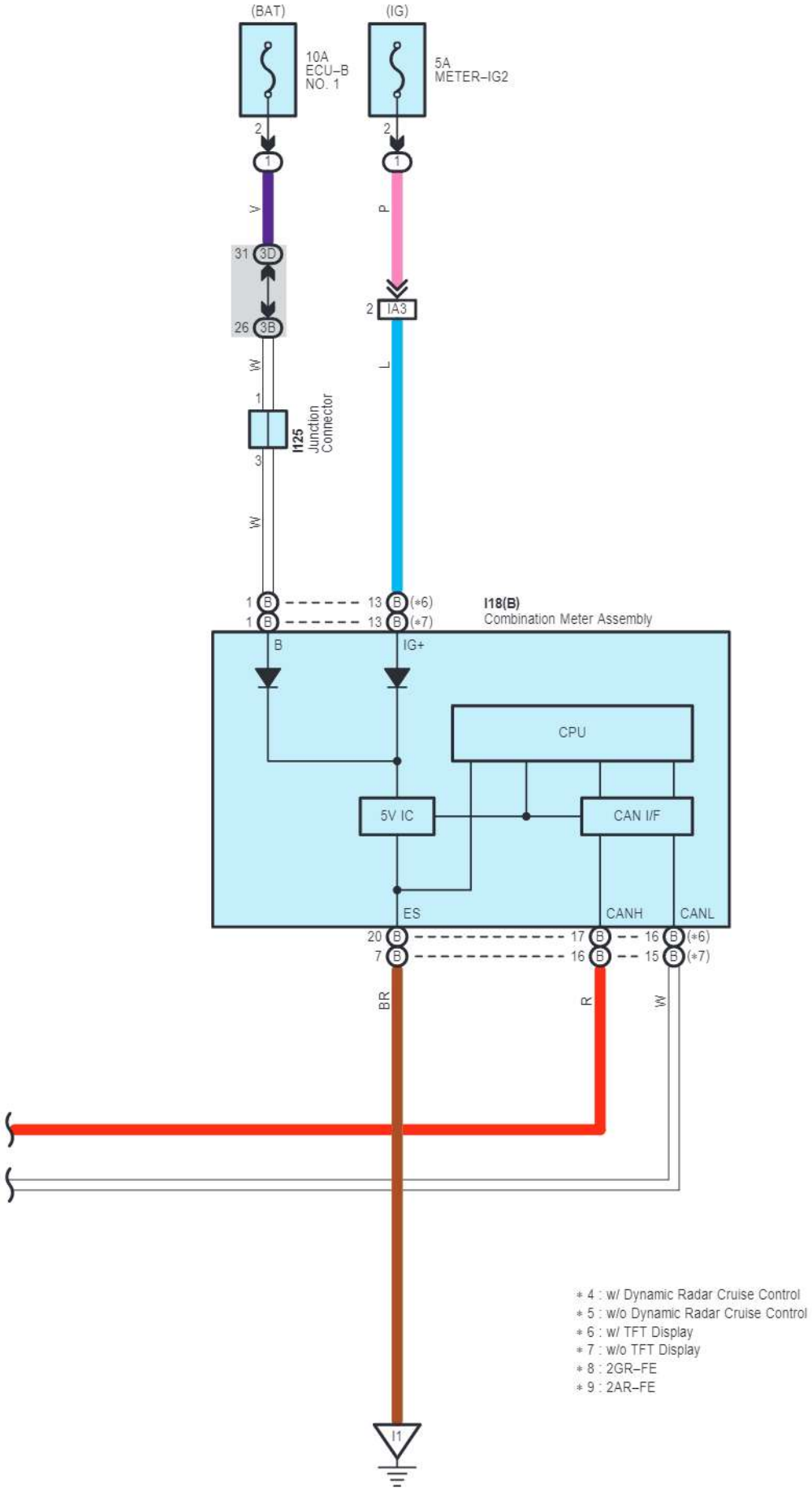

I12(A), I13(B)
Main Body ECU
LSFL
UL3
L2
7 B
24 B
11 B
53 3A
9 3B
1 3B
3 3B
8 3B
4 3B
2 3B
20 IO2
15 IO2
1 IO2
9 LO1
15 LO1
2 LO1
18 KI1
12 KI1
16 KI1
9 KI1
8 KI1
LSSR
UL
L
Unlock Detection
M
Key Unlock
Key Lock
E
L1
Rear Door Lock Assembly with Motor RH
K1
Front Door Lock Assembly with Motor LH
8 LO1
13 KI1
O1
I1


I12(A), I13(B)
Main Body ECU
LSFR
18 B
UL1
10 B
L1
9 B
W
G
(*3)
L
(*3)
B
V
4 JI1
3 JI1
15 JI1
14 JI1
8 JI1
B
V
W
G
(*3)
L
(*3)
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
J16
Door Control Switch Assembly
5
BR
(*3)
6
W-B
W-B
7 JI1
W-B
I3
* 3 : Except Korea


I12(A), I13(B)
Main Body ECU
RCTY
LCTY
FRCY
FLCY
LGCY
KSW
6 B
1 B
19 B
2
4
17 B
15 3C
9 3C
SB
SB
B
P
L
W
G (*1)
18 IO1
15 IN1
11 IO1
5 TN1
B
LG
Y
W
G (*1)
2
I124
Junction Connector
3
G (*1)
1
1
1
1
1
O16
Rear Door Courtesy
Light Switch Assembly RH
N15
Rear Door Courtesy
Light Switch Assembly LH
O10
Front Door Courtesy
Light Switch Assembly RH
N7
Front Door Courtesy
Light Switch Assembly LH
3
D+
Courtesy
E
T3
Luggage Compartment Door Lock Assembly
1
I33
Un-Lock Warning
Switch Assembly
2
2
W-B
BR (*1)
W-B
W-B (*1)
T1
I3
* 1 : w/o Smart Key System

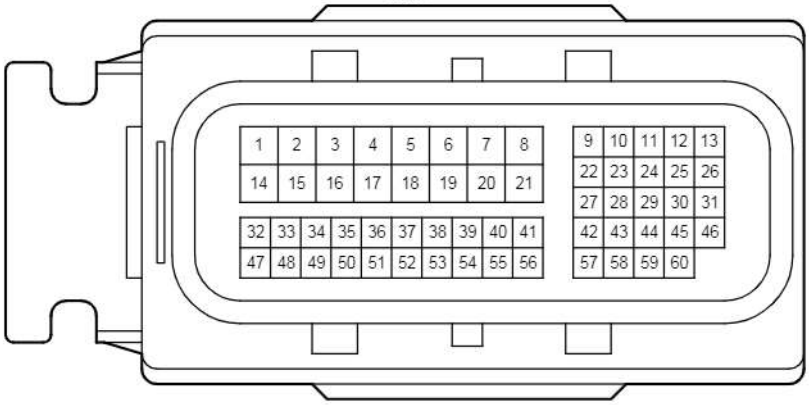

I12(A), I13(B)
Main Body ECU
CANH
CANL
14 B
13 B
A25(A), E26(B)
ECM
CANH
CANL
P
13 A
26 A
70 B
I93(A), I94(B), I95(C), I103(G)
Junction Connector
1 C
2 C
1 G
2 G
2 B
1 B
1 A
2 A
3
RB
PL
P
E4
Park/Neutral
Position Switch Assembly
1
15 IA8
14 IA8
I47(A), N5(B)
Airbag Sensor Assembly
13 A
22 A
CANH
CANL
LBE+
LBE–
10 B
18 B
I101(D), I104(F), I105(G)
Junction Connector
1 D
2 D
1 G
2 G
2 F
1 F
7 IA8
6 IA8
2
1
LBE+
LBE–
Buckle Switch
N32
Front Seat Inner
Belt Assembly LH
B
W
P
Y
G
R
GR


(ACC)
(IG)
7. 5A
ECU–ACC
10A
ECU–IG1
NO. 1
2
16 3B
2
56 3A
W
B
22
12
I126
Junction
Connector
I124
Junction
Connector
16
14
W
B
1
1
I188
Diode (A/T Shift)
I189
Diode (A/T Shift)
2
2
G
G
G
20 IA4
G
1 EA2
Front
Speed Sensors
Rear
Speed Sensors
B
W
G
L
R
G
B
W
19 A – 8 A
19 B – 8 B
16 A – 4 A
16 B – 4 B
31 A
31 B
18 A
18 B
17 A
17 B
29 A (*9 *5)
29 B (*9 *4, *8)
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
CANL
CANH
14 A – – 26 A (*9 *5)
14 B – – 26 B (*9 *4, *8)
A49(A), A94(B)
Brake Actuator Assembly
W
GR
GR
W
R
W

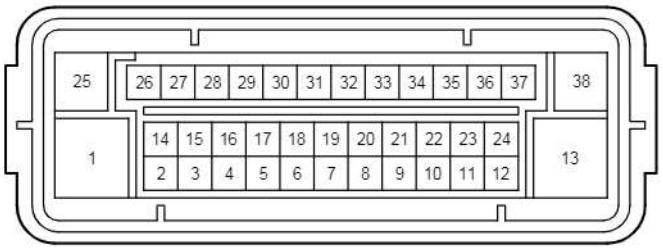


* 4 : w/ Dynamic Radar Cruise Control
* 5 : w/o Dynamic Radar Cruise Control
* 6 : w/ TFT Display
* 7 : w/o TFT Display
* 8 : 2GR–FE
* 9 : 2AR–FE

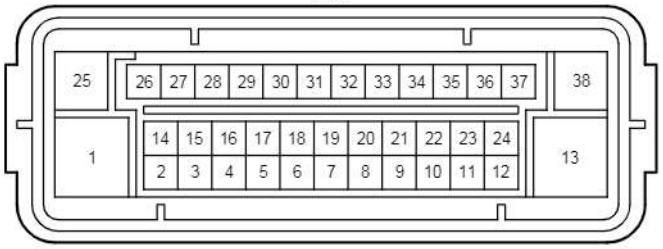
A 25
Black



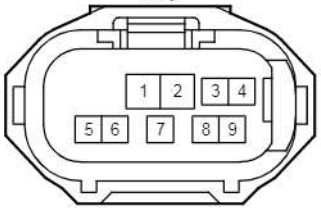
A 49
Black



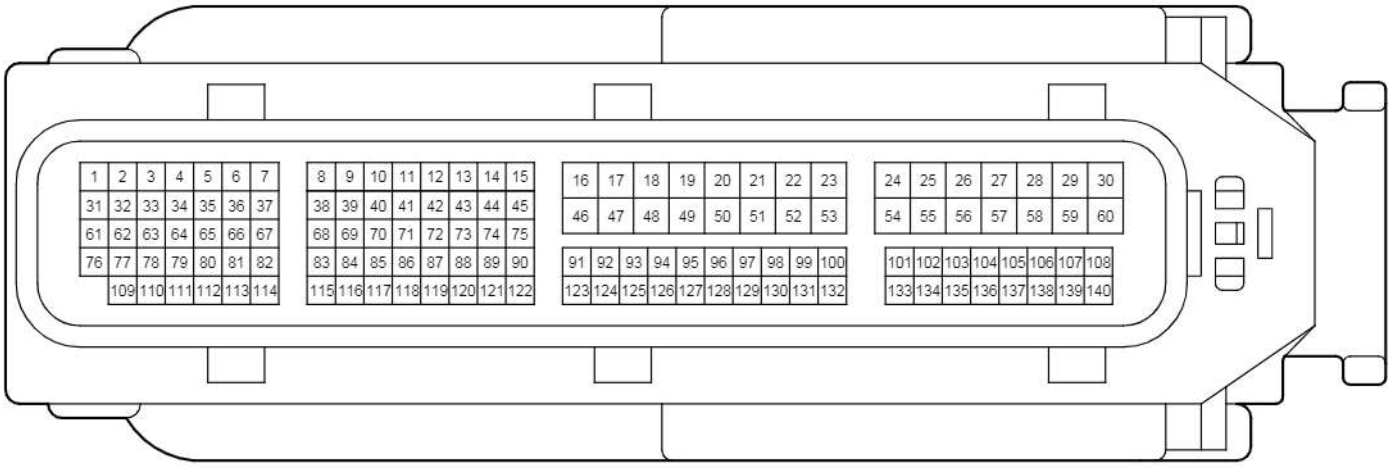
A 94
Black



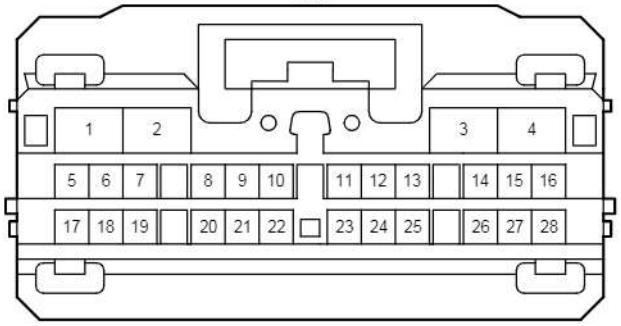
E 4
Gray



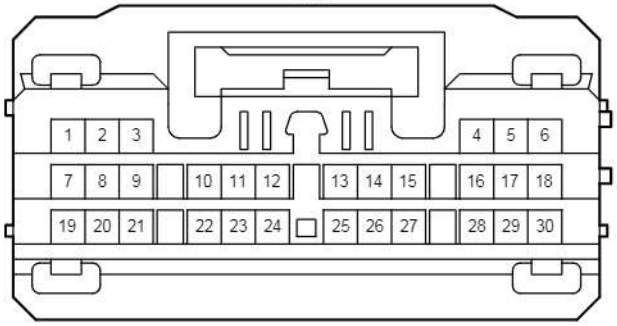
E 26
Black



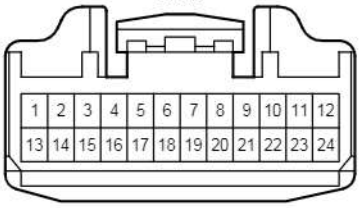
I 12
White



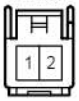
I 13
White



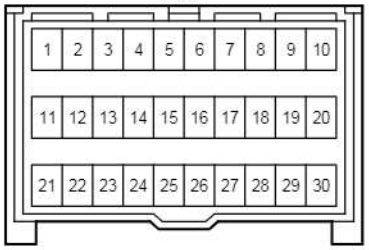
I 18
Black



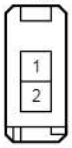
I 33
White



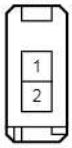
I 47
Yellow



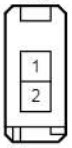
I 93
White



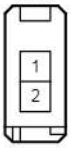
I 94
White



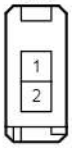
I 95
White



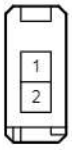
I101
White



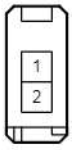
I103
White



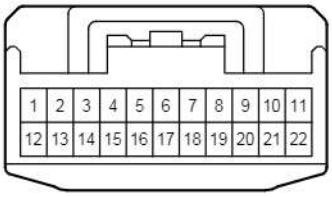
I104
White



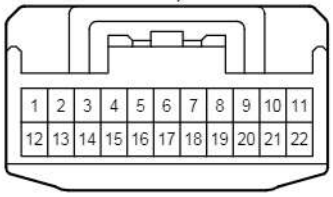
I105
White



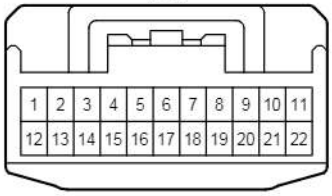
I124
White



I125
Gray



I126
White



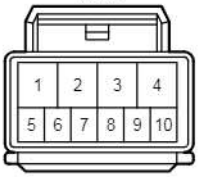
I188
Gray



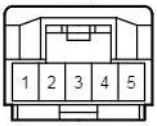
I189
Gray



J 1
White



J 16
White



K 1
White



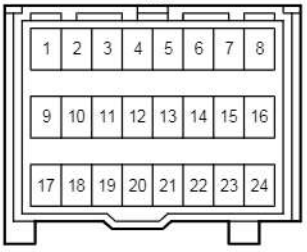
L 1
White



M 1
White



N 5
Yellow



N 7
Black



N 15
Black



N 32
White



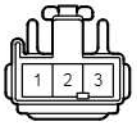
O 10
Black



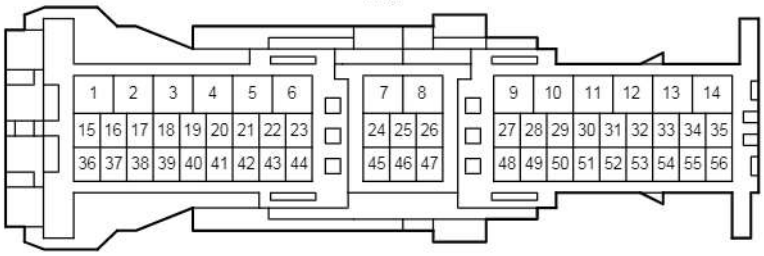
O 16
Black



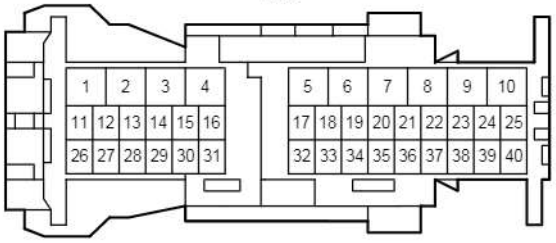
T 3
Black



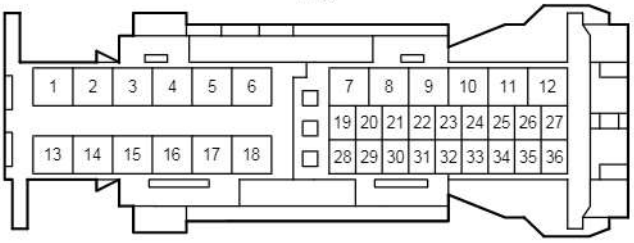
3A
White



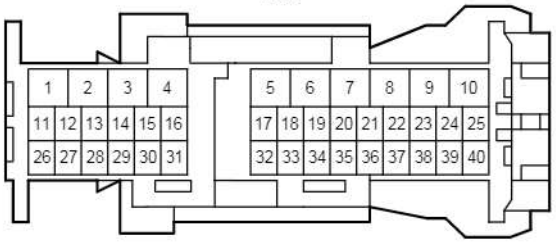
3B
White



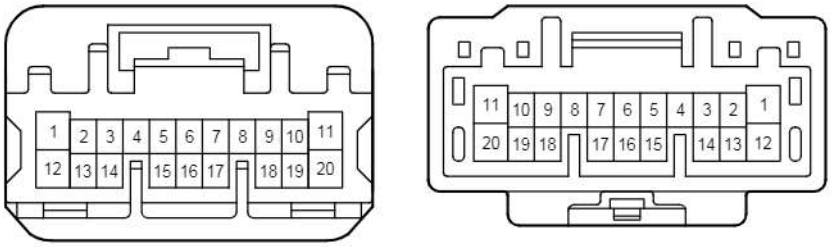
3C
White



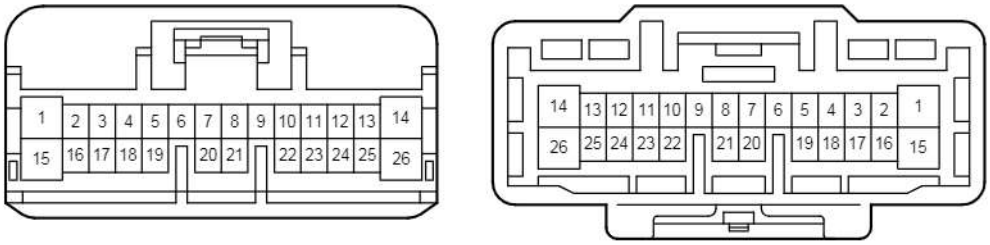
3D
White



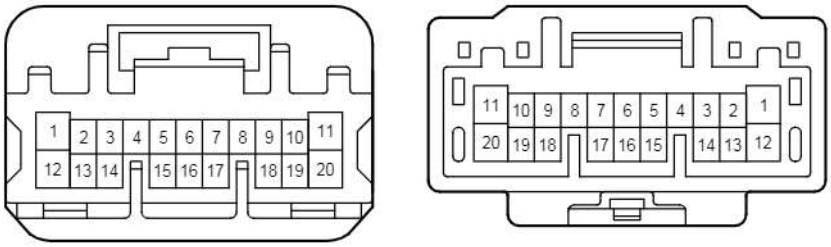
EA2
White



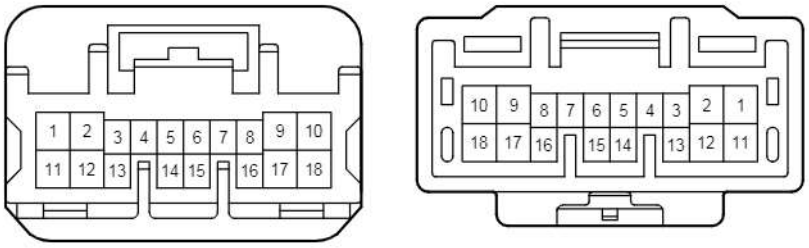
IA3
Blue



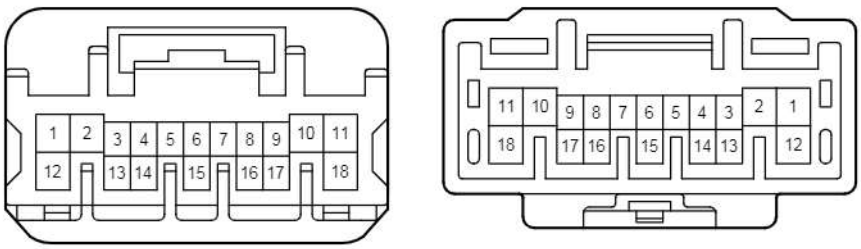
IA4
Gray



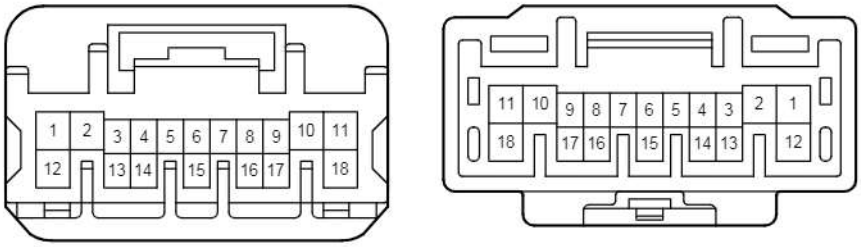
IA8
Gray



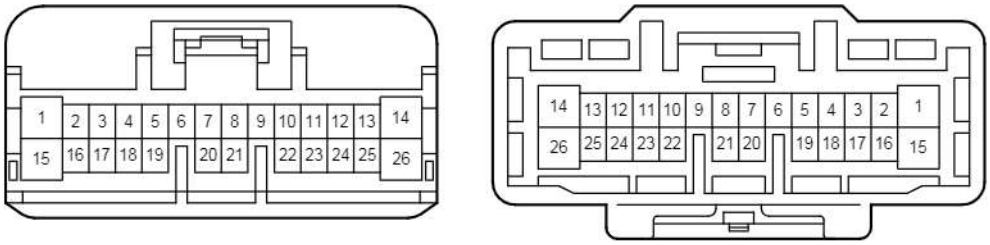
IN1
White



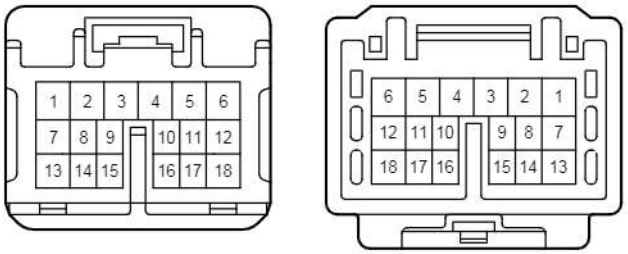
IO1
White



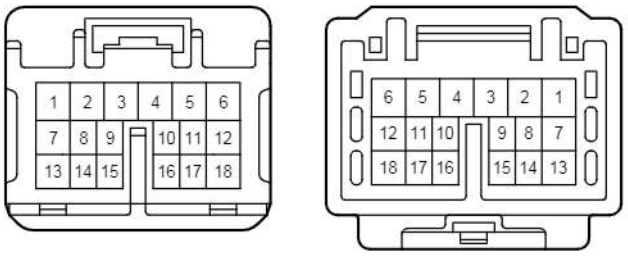
IO2
White



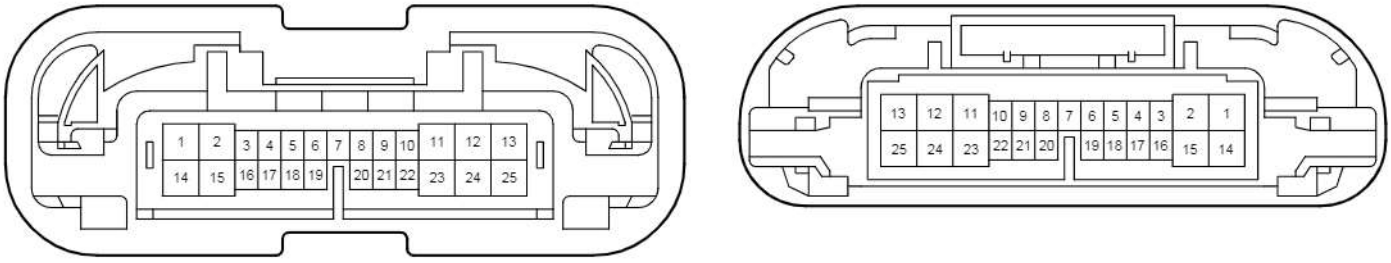
JI1
Gray



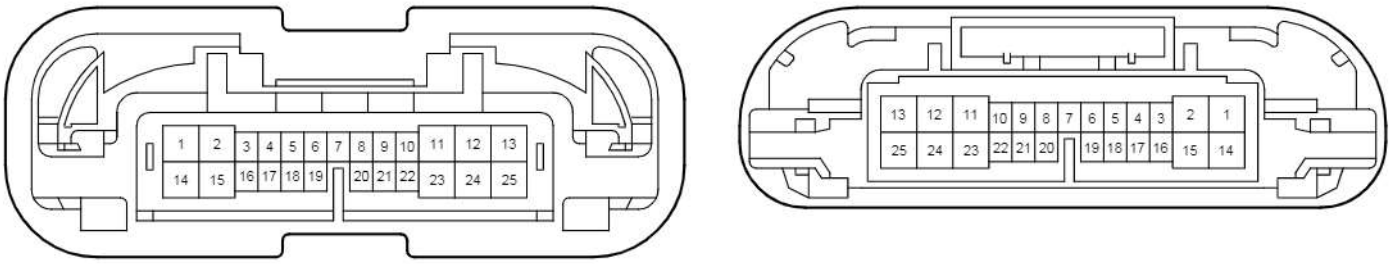
KI1
White



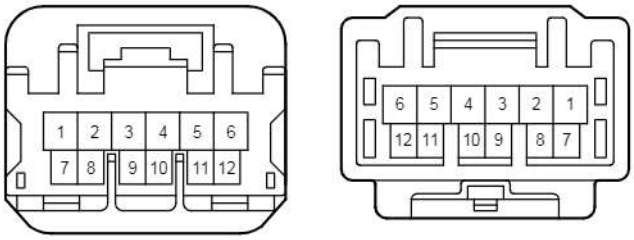
LO1
White

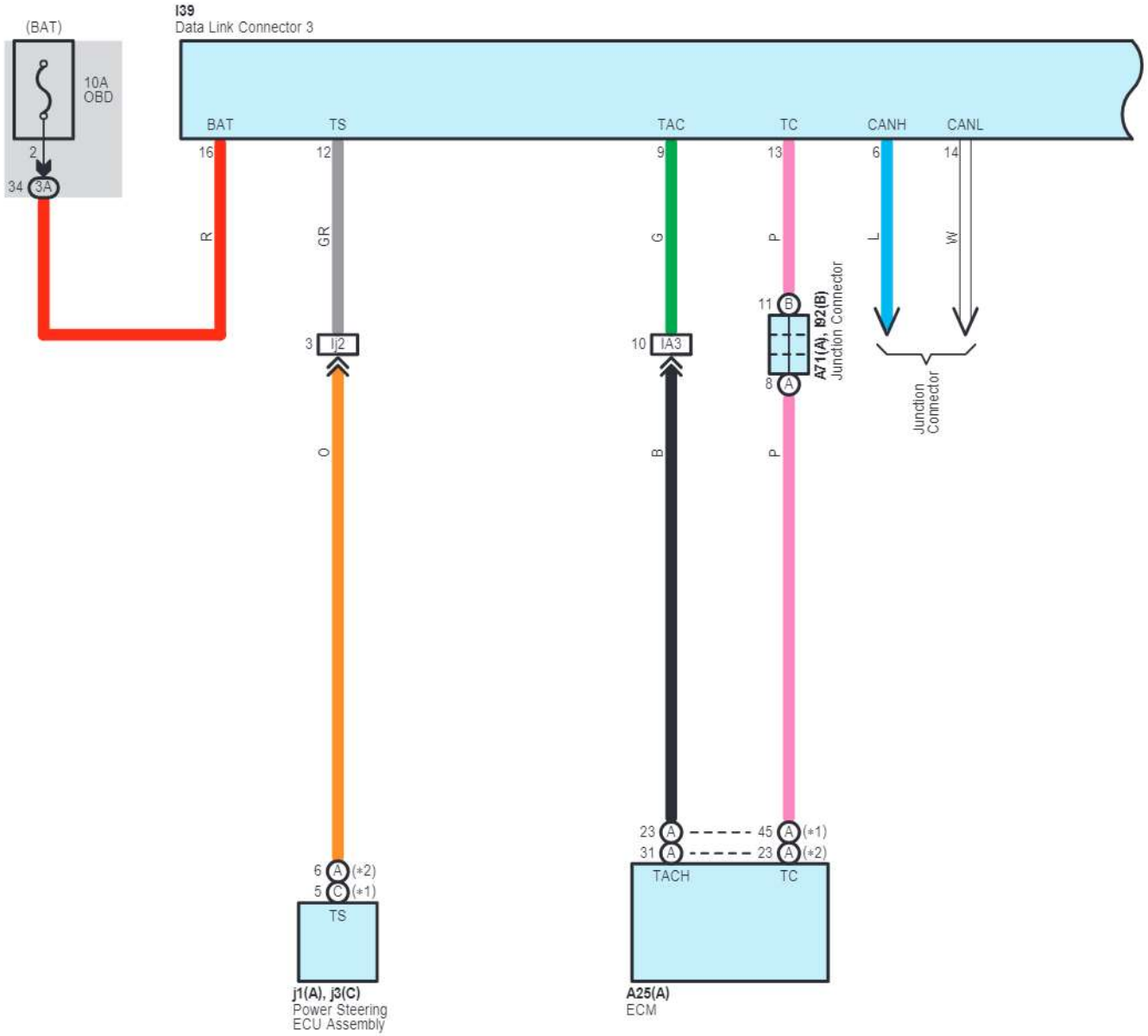


MN1
White

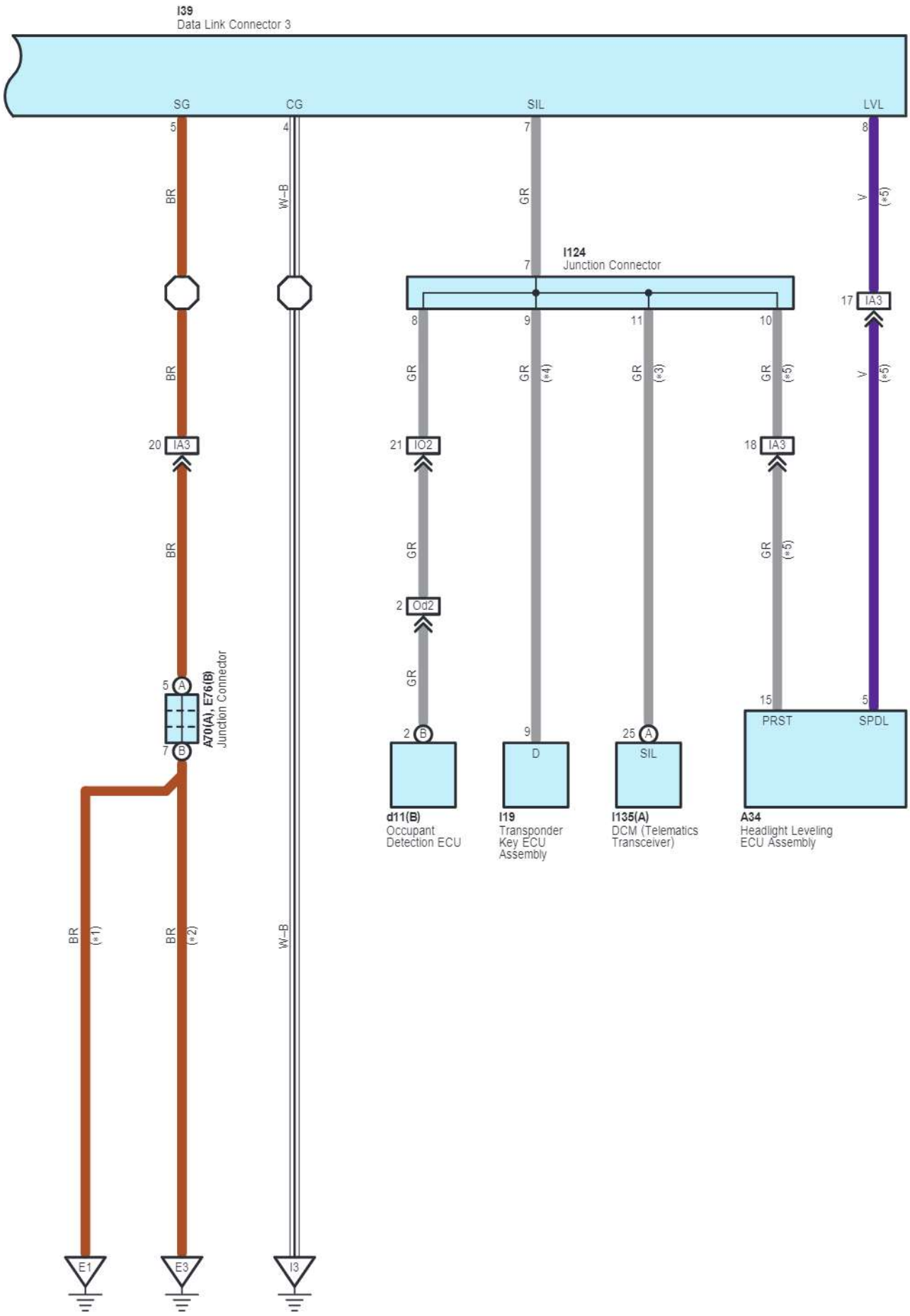


TN1
White

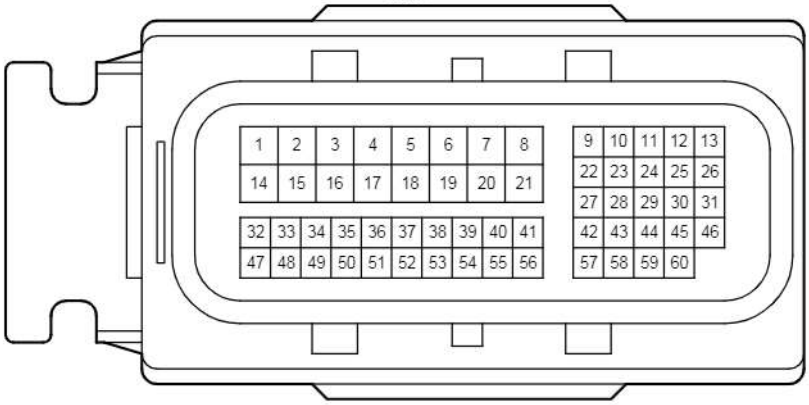




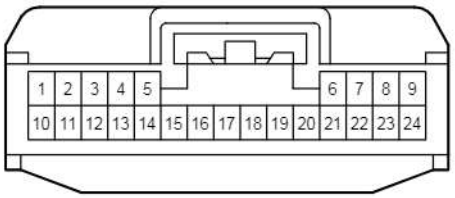
* 1 : 2GR-FE
* 2 : 2AR-FE
* 3 : w/ Safety Connect
* 4 : w/o Smart Key System
* 5 : w/ Headlight Beam Level Control


I39
Data Link Connector 3
SG
CG
SIL
LVL
5
4
7
8
BR
W-B
GR
V
(*5)
I124
Junction Connector
7
8
9
11
10
17
IA3
GR
GR
(*4)
GR
(*3)
GR
(*5)
V
(*5)
20
IA3
21
IO2
18
IA3
BR
GR
(*5)
2
Od2
GR
5
A
7
B
A70(A), E76(B)
Junction Connector
15
5
2
B
9
25
A
PRST
SPDL
D
SIL
d11(B)
Occupant
Detection ECU
I19
Transponder
Key ECU
Assembly
I135(A)
DCM (Telematics
Transceiver)
A34
Headlight Leveling
ECU Assembly
BR
(*1)
BR
(*2)
W-B
E1
E3
I3

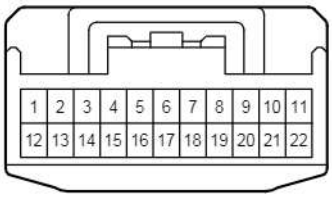
A 25
Black



A 34
White



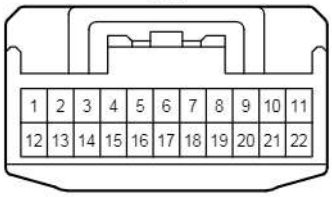
A 70
White



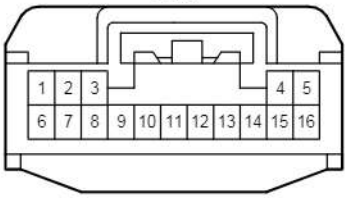
A 71
Gray



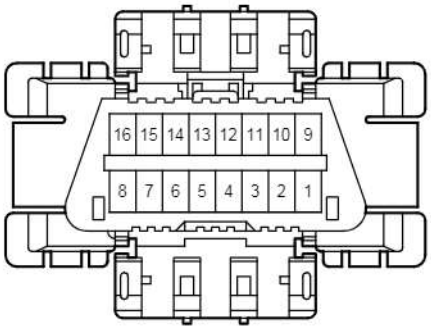
E 76
White



I 19
Black



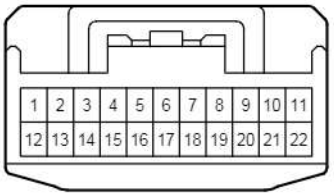
I 39
White



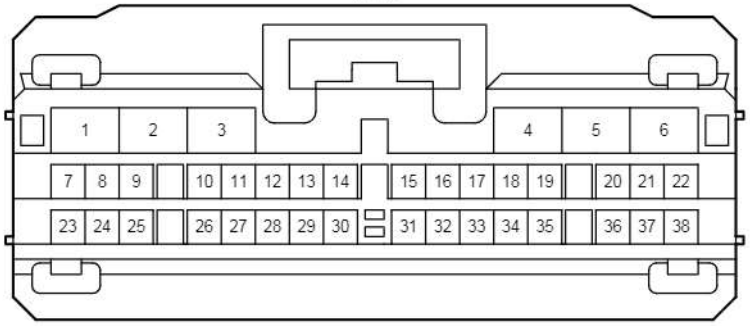
I 92
Gray



I124
White

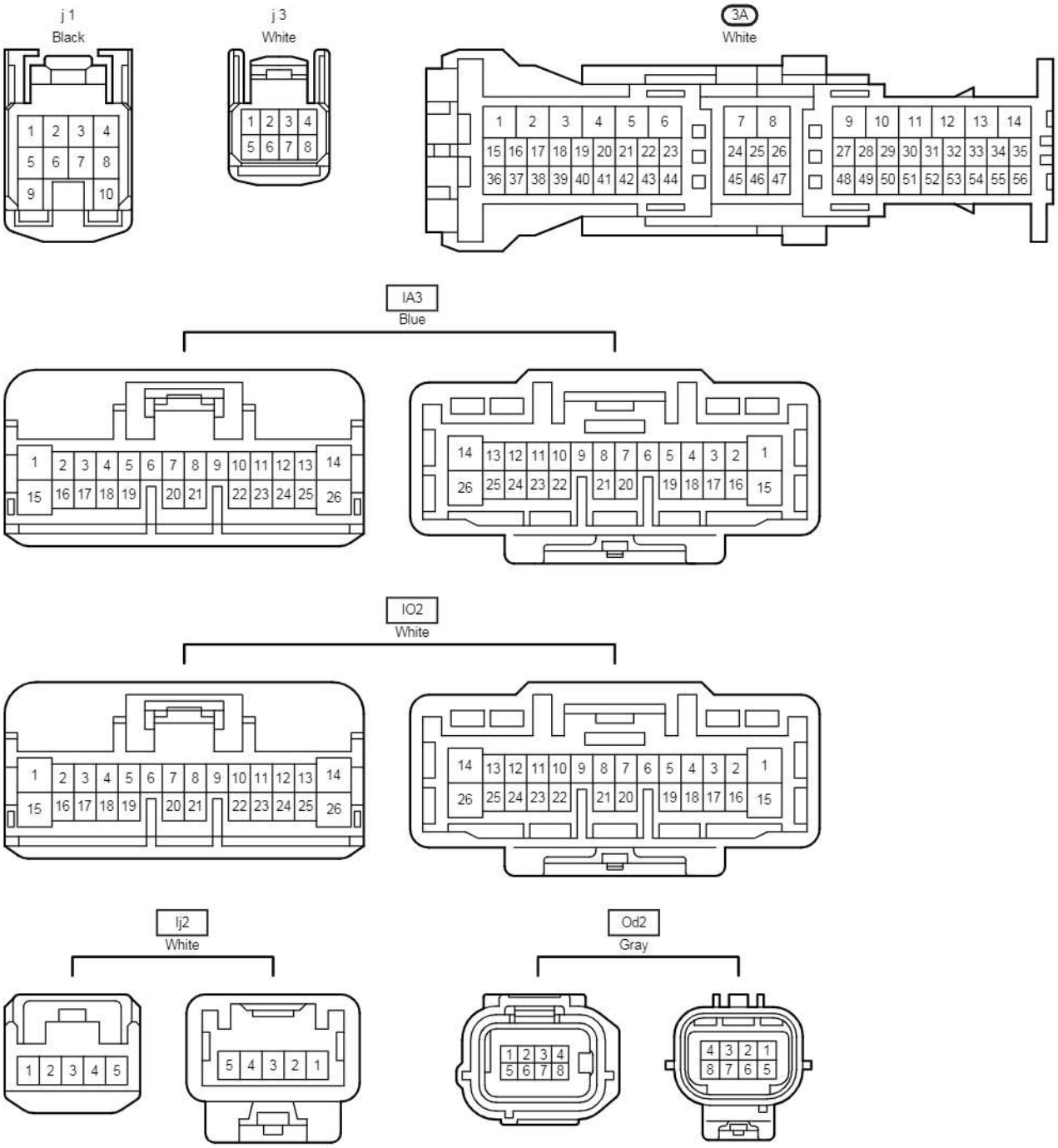


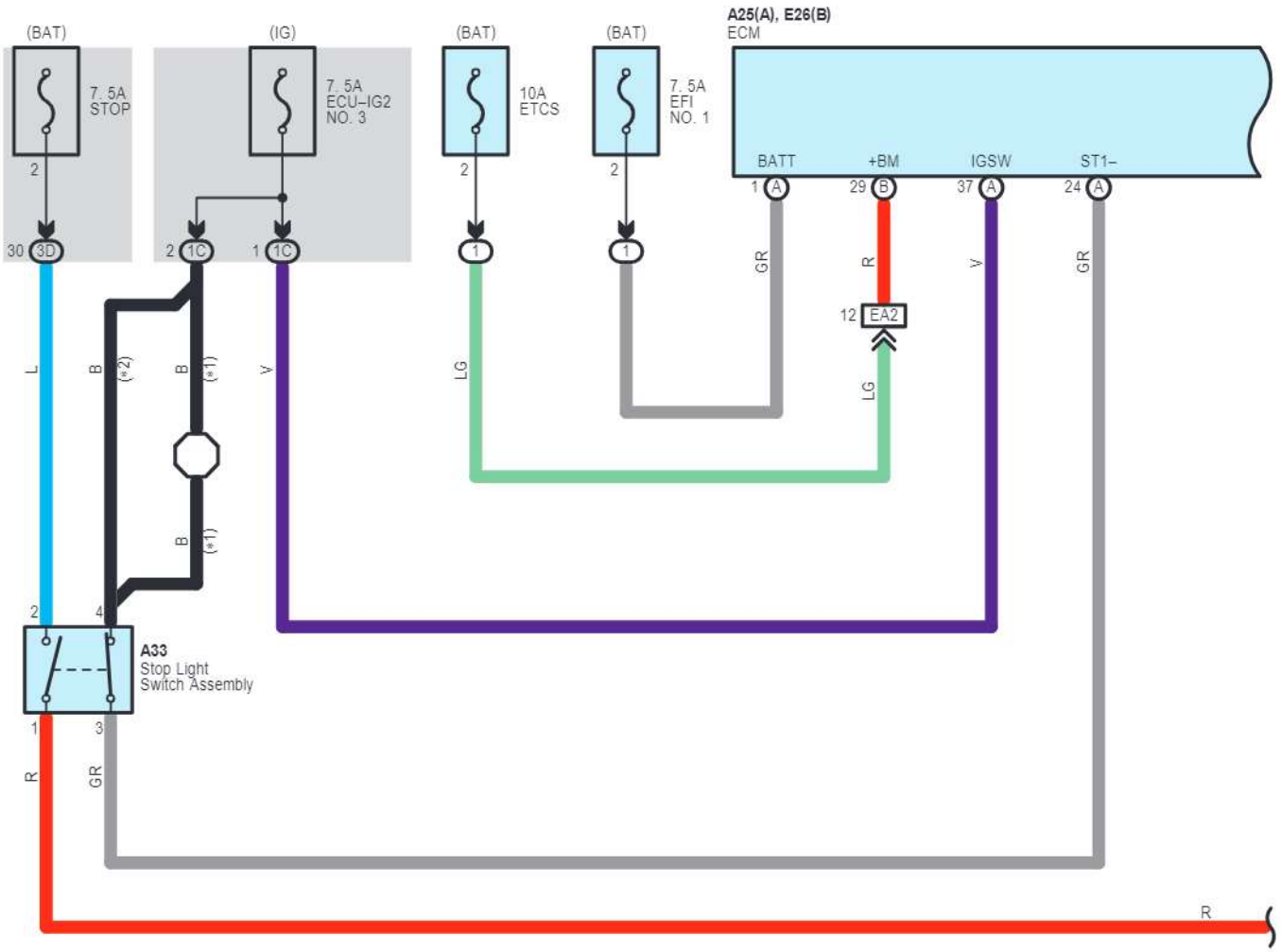
I135
White



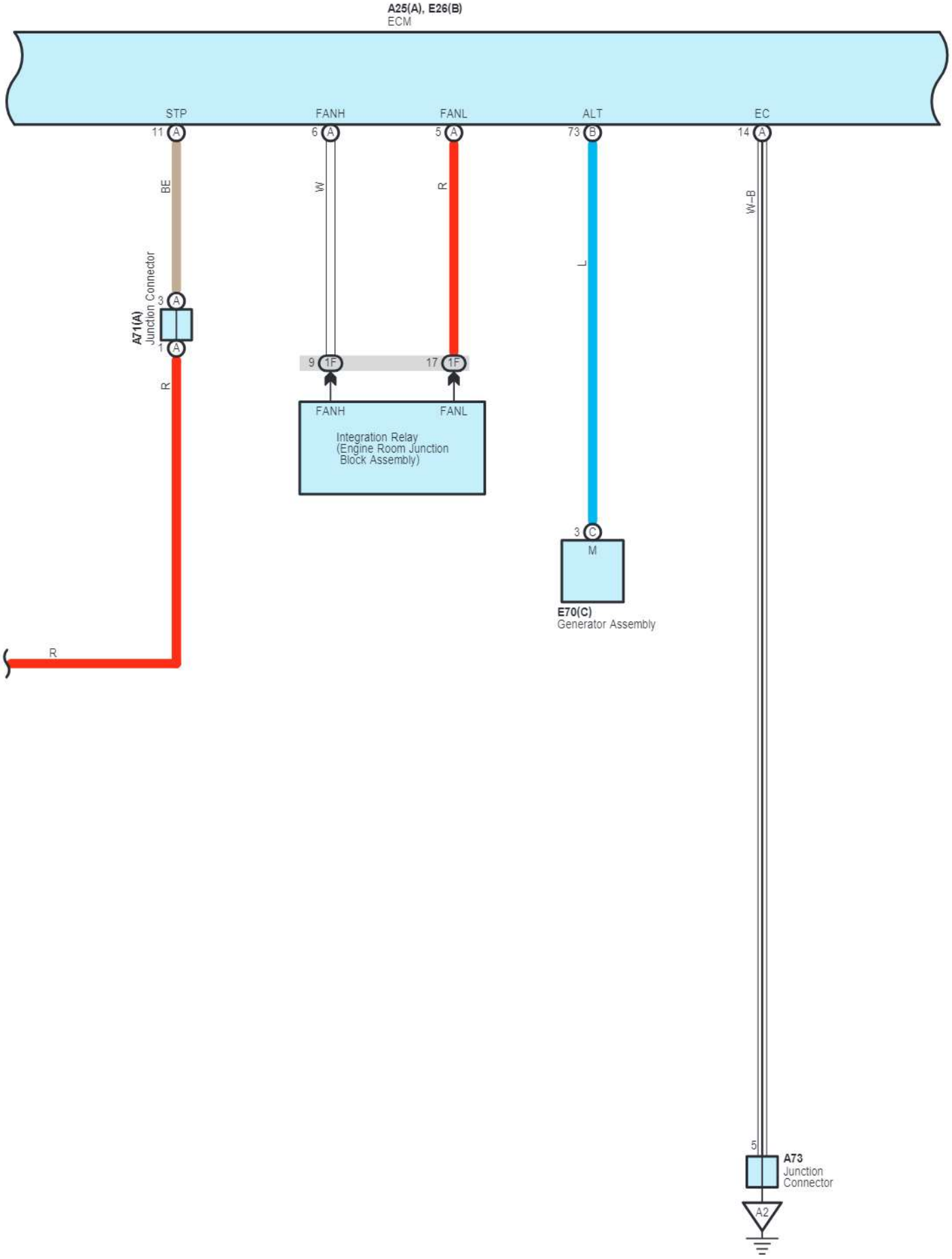
d 11
Black

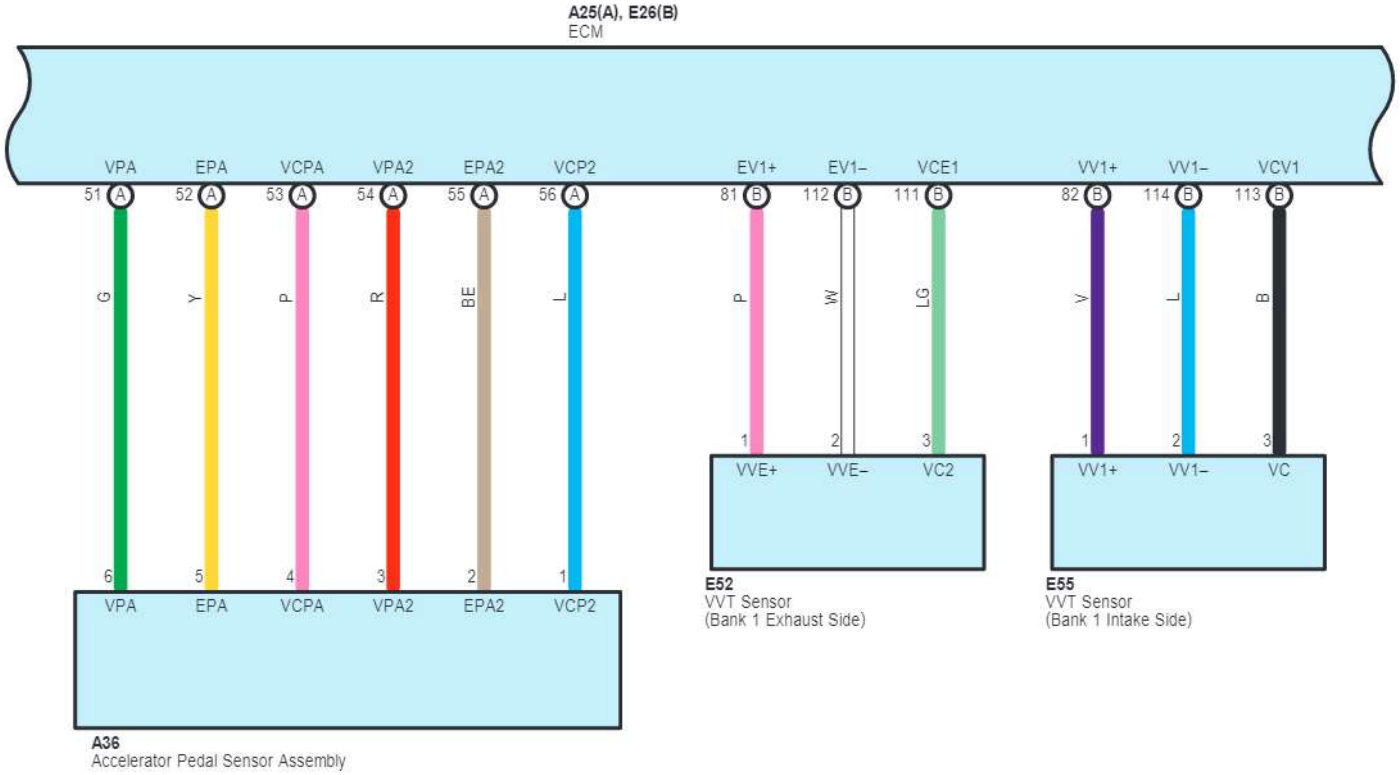


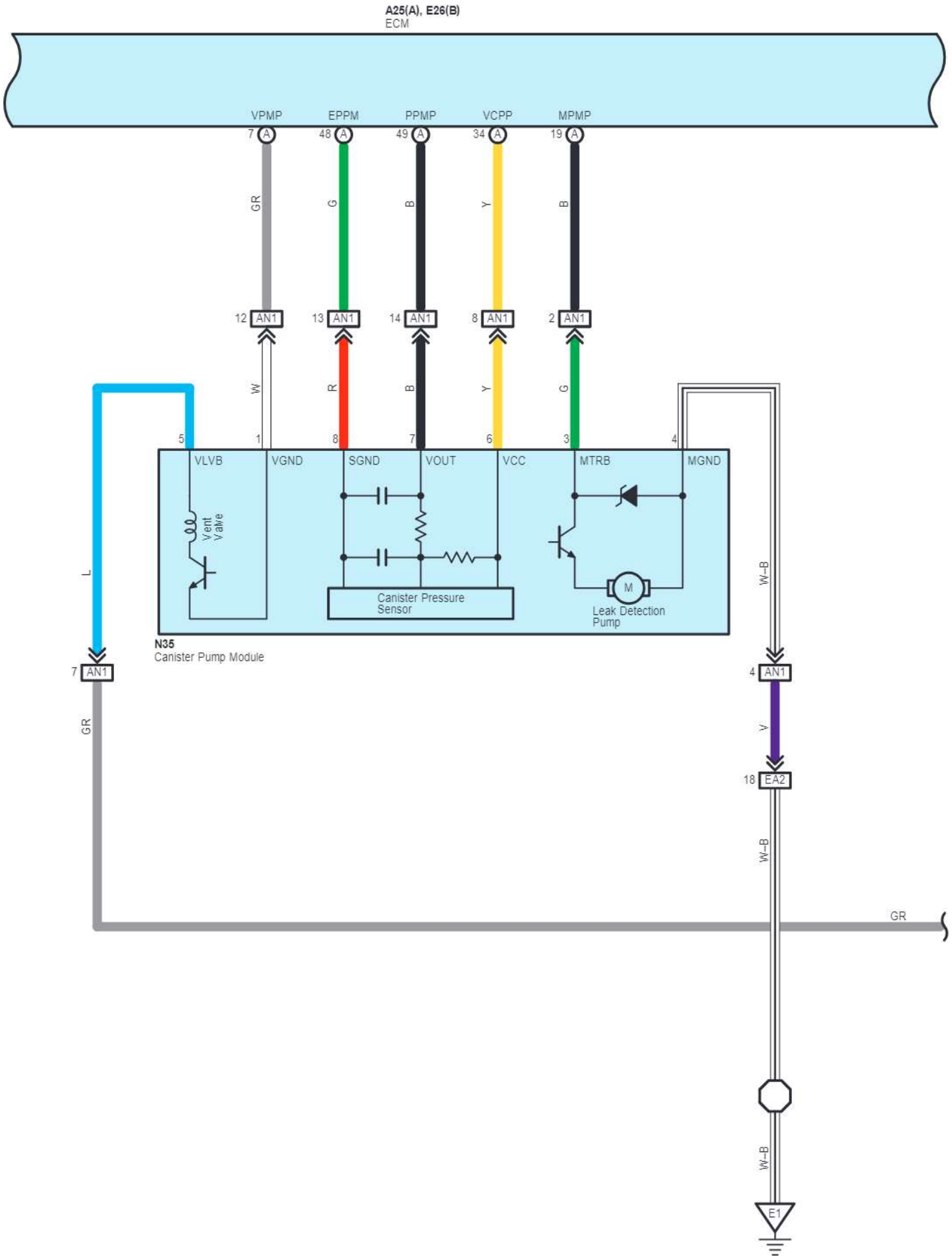

j 1
Black
1 2 3 4
5 6 7 8
9 10
j 3
White
1 2 3 4
5 6 7 8
3A
White
1 2 3 4 5 6 7 8 9 10 11 12 13 14
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56
IA3
Blue
1 2 3 4 5 6 7 8 9 10 11 12 13 14
15 16 17 18 19 20 21 22 23 24 25 26
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
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
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

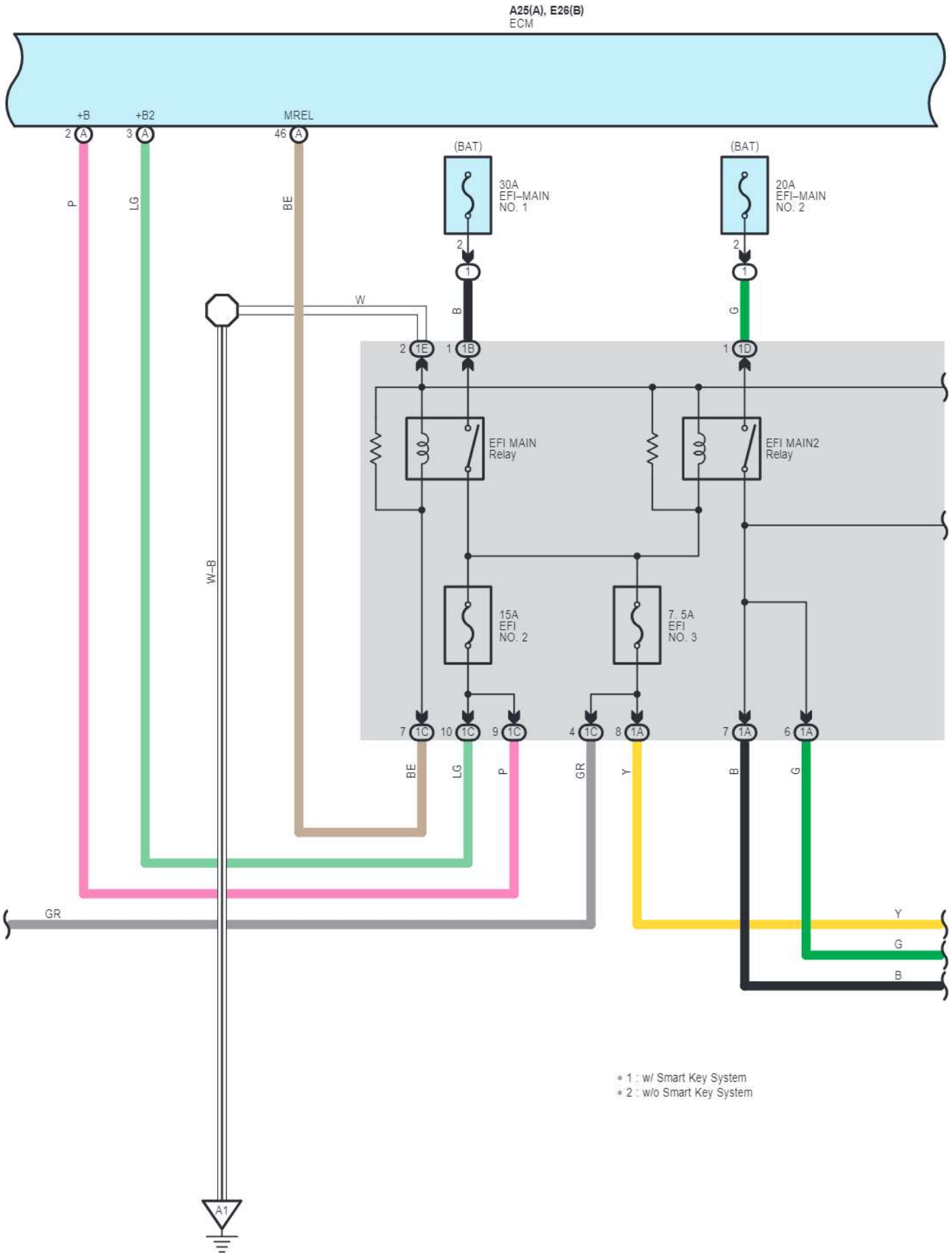


* 1 : w/ Smart Key System
* 2 : w/o Smart Key System

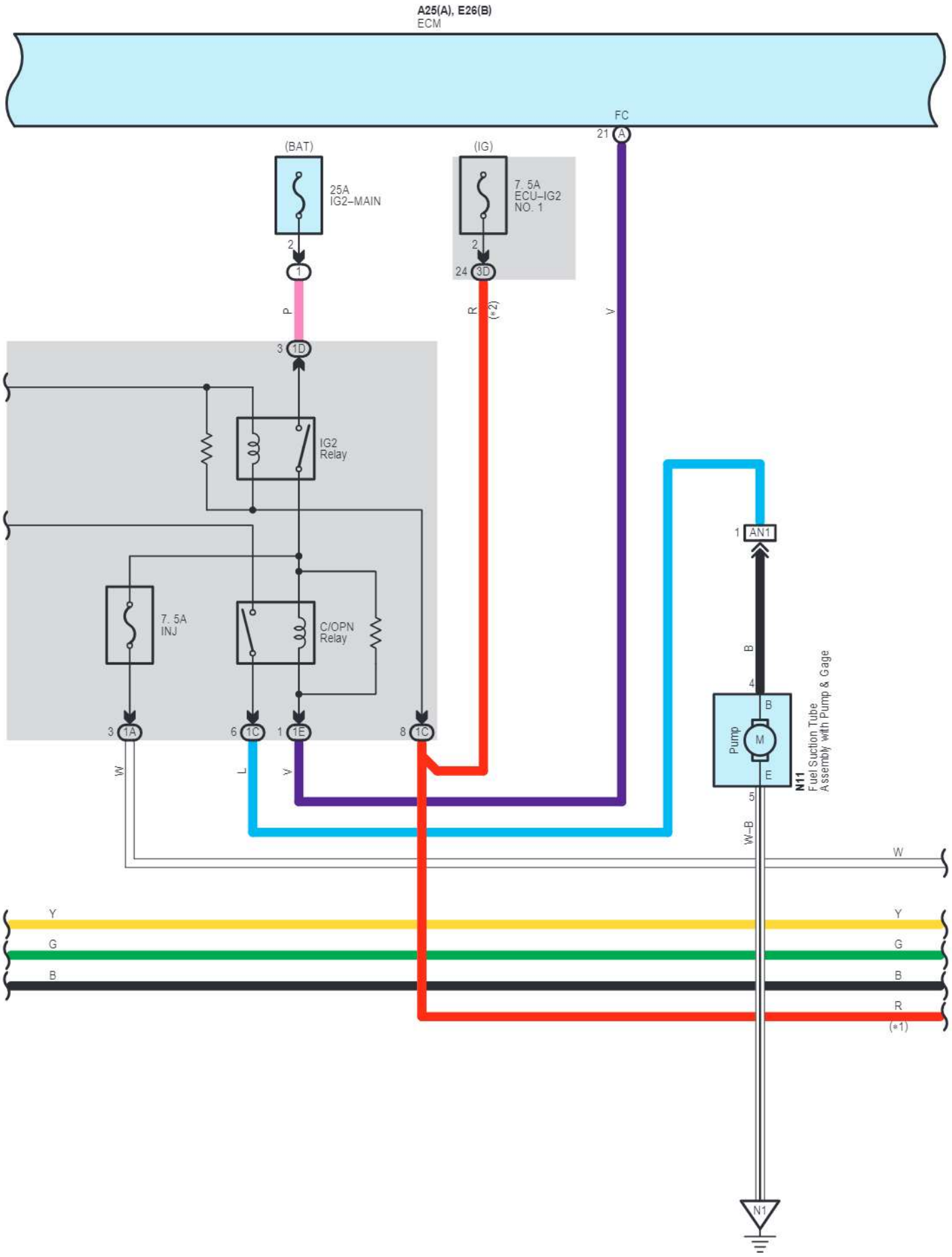

A25(A), E26(B)
ECM
STP
FANH
FANL
ALT
EC
11 A
6 A
5 A
73 B
14 A
BE
W
R
L
W-B
A71(A)
Junction Connector
3 A
1 A
R
9 1F
17 1F
FANH
FANL
Integration Relay
(Engine Room Junction
Block Assembly)
3 C
M
E70(C)
Generator Assembly
R
5
A73
Junction
Connector
A2

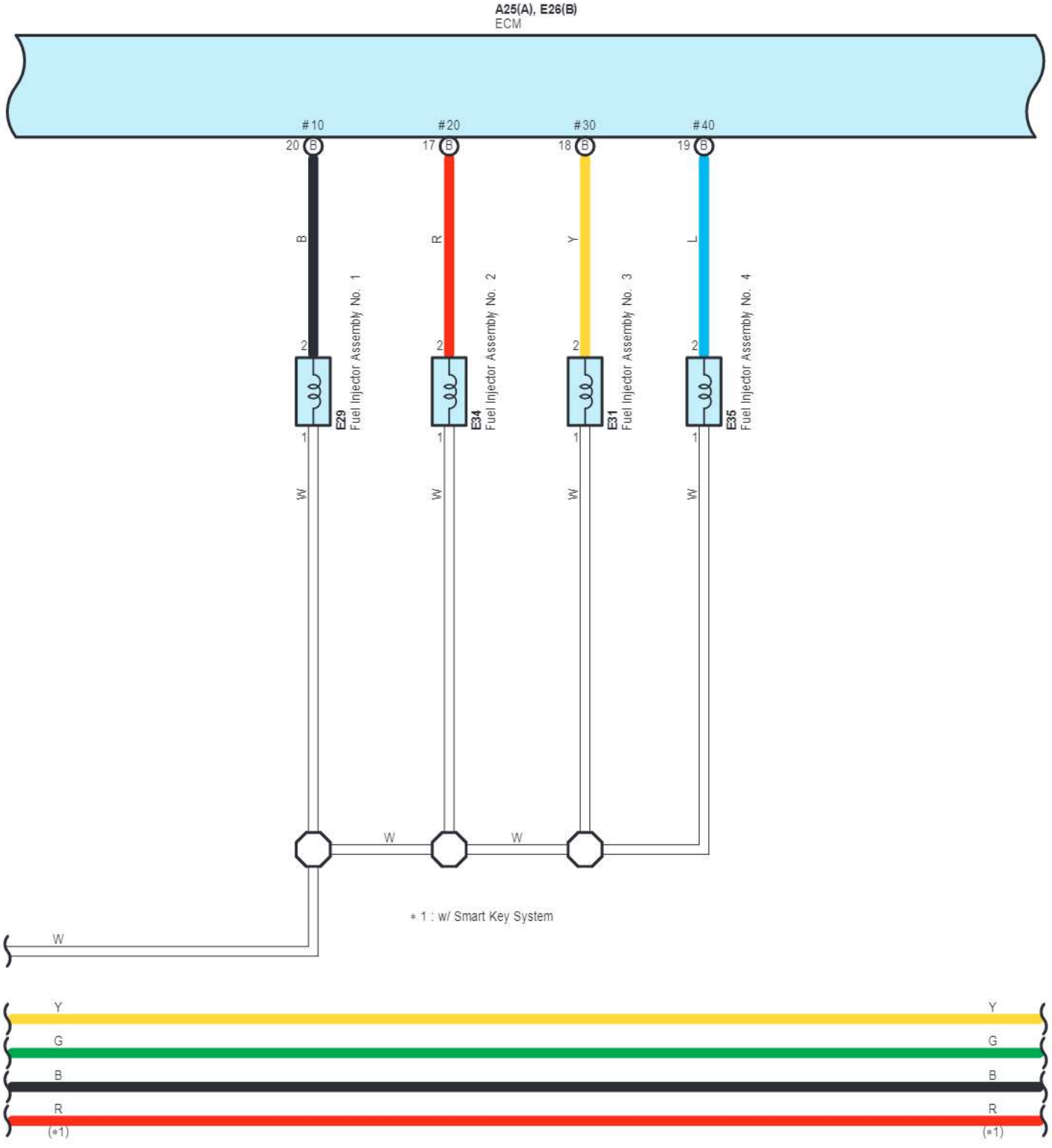

A25(A), E26(B)
ECM
VPA
EPA
VCPA
VPA2
EPA2
VCP2
EV1+
EV1–
VCE1
VV1+
VV1–
VCV1
51 A
52 A
53 A
54 A
55 A
56 A
81 B
112 B
111 B
82 B
114 B
113 B
G
Y
P
R
BE
L
P
W
LG
V
L
B
1
2
3
VVE+
VVE–
VC2
VV1+
VV1–
VC
6
5
4
3
2
1
VPA
EPA
VCPA
VPA2
EPA2
VCP2
A36
Accelerator Pedal Sensor Assembly
E52
VVT Sensor
(Bank 1 Exhaust Side)
E55
VVT Sensor
(Bank 1 Intake Side)

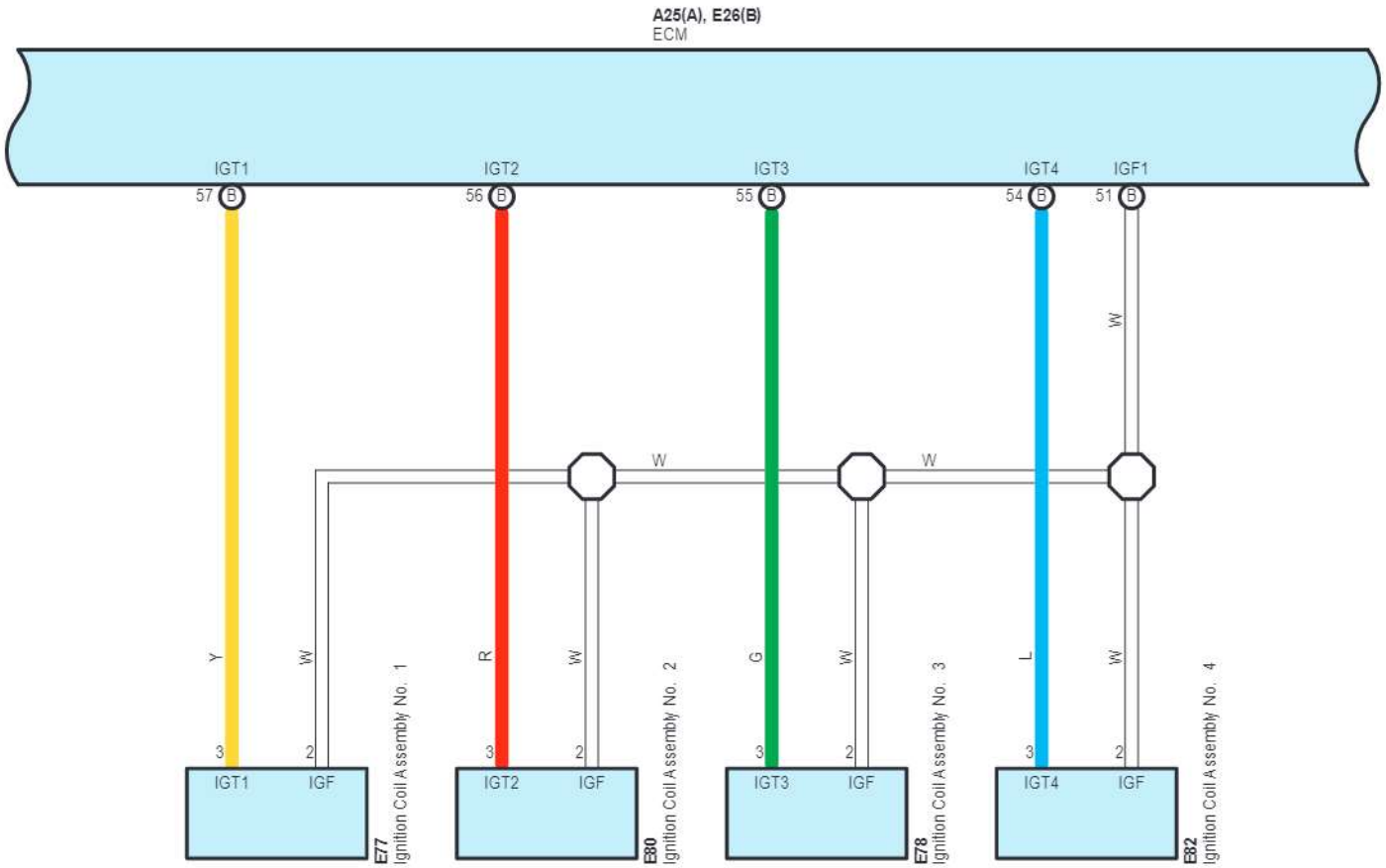

A25(A), E26(B)
ECM
VPMP
EPPM
PPMP
VCPP
MPMP
7 A
48 A
49 A
34 A
19 A
GR
G
B
Y
B
12 AN1
13 AN1
14 AN1
8 AN1
2 AN1
W
R
B
Y
G
5
1
8
7
6
3
4
VLVB
VGND
SGND
VOUT
VCC
MTRB
MGND
Vent Valve
Canister Pressure Sensor
M
Leak Detection Pump
N35
Canister Pump Module
L
W-B
7 AN1
4 AN1
GR
Y
18 EA2
W-B
GR
W-B
E1



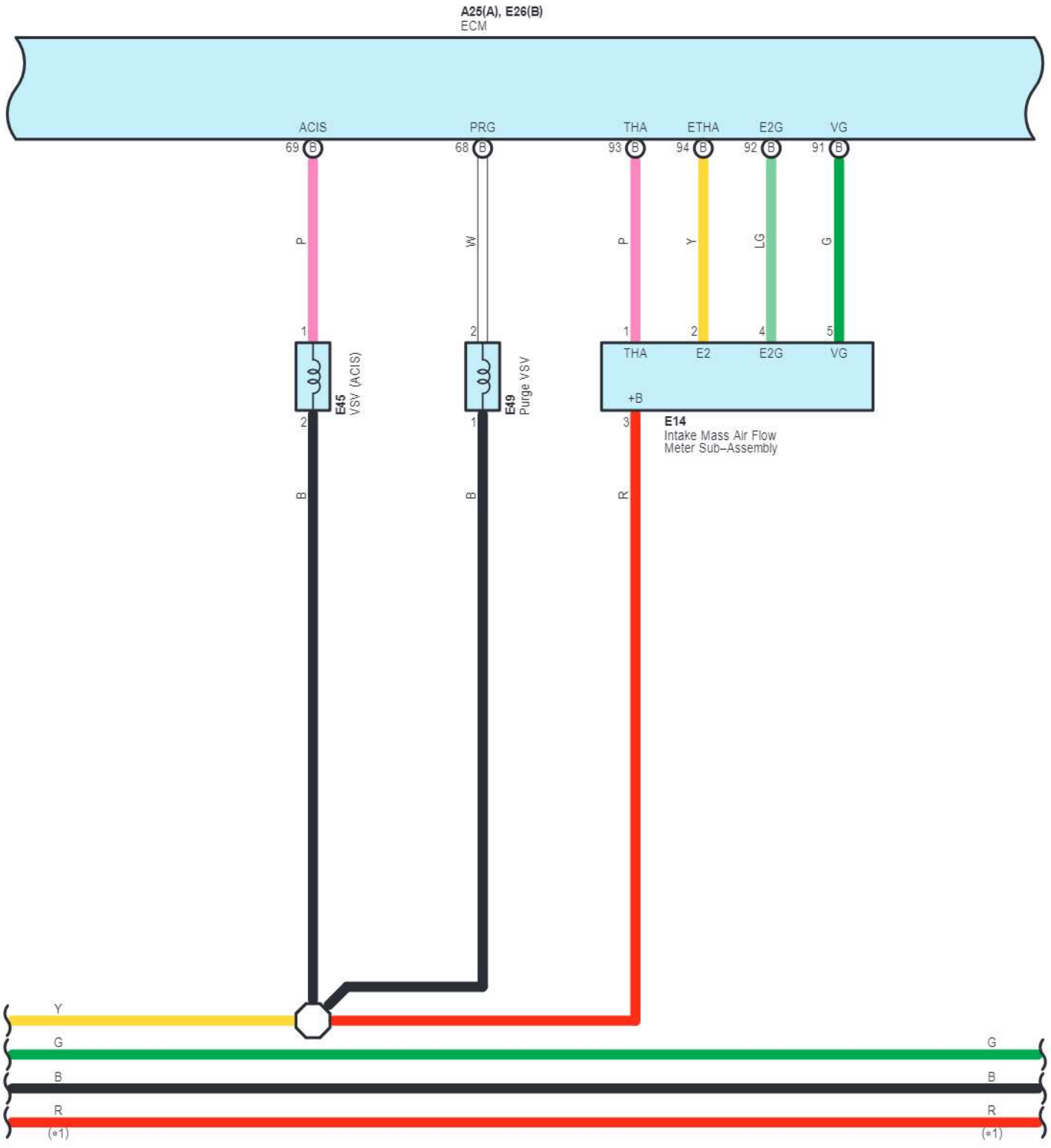
* 1 : w/ Smart Key System
* 2 : w/o Smart Key System

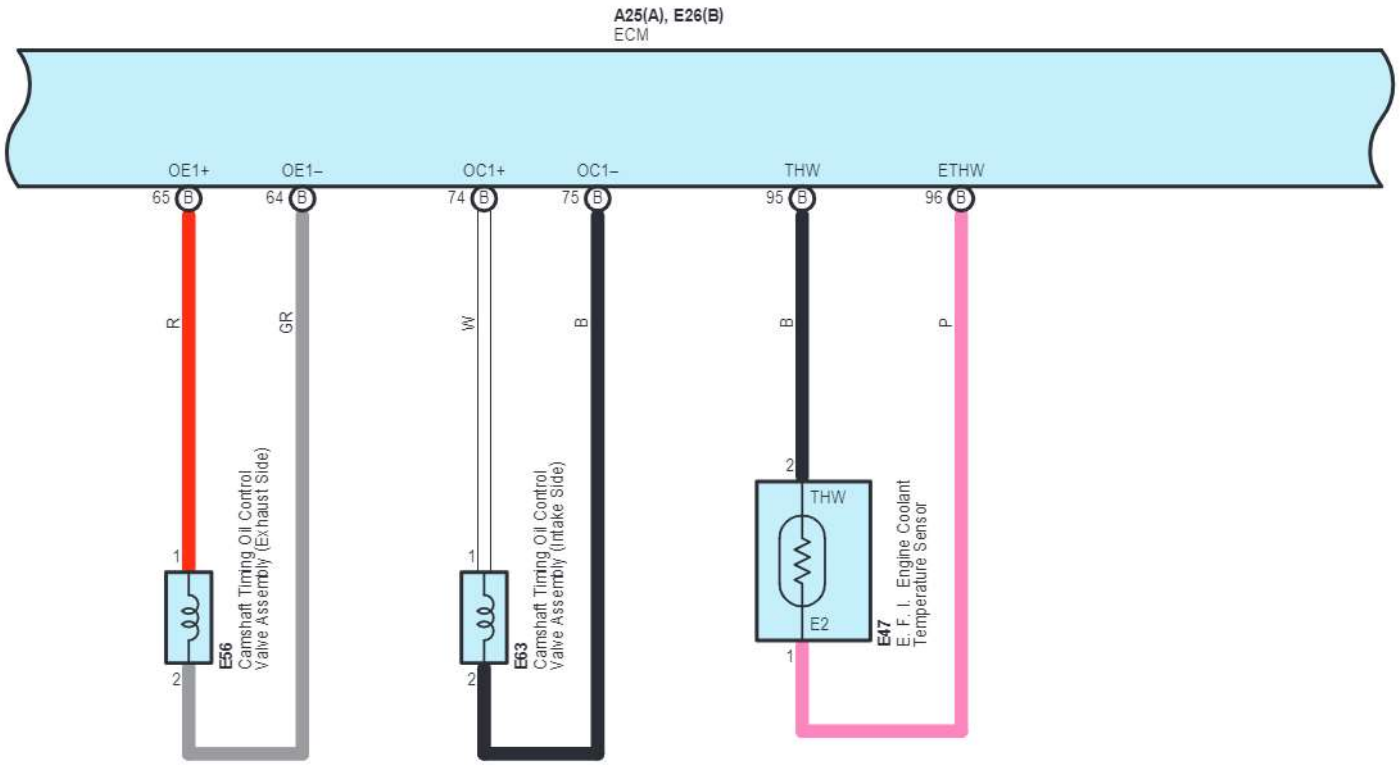

A25(A), E26(B)
ECM
FC
21 A
(BAT)
(IG)
25A
IG2–MAIN
7. 5A
ECU–IG2
NO. 1
2
1
24 3D
P
R
(*2)
V
3 1D
IG2
Relay
7. 5A
INJ
C/OPN
Relay
1 AN1
B
4
B
Pump
M
E
N11
Fuel Suction Tube
Assembly with Pump & Gage
5
W–B
3 1A
6 1C
1 1E
8 1C
W
L
V
W
Y
G
B
Y
G
B
R
(*1)
N1


A25(A), E26(B)
ECM
#10
#20
#30
#40
20 B
17 B
18 B
19 B
B
R
Y
L
2
1
E29 Fuel Injector Assembly No. 1
E34 Fuel Injector Assembly No. 2
E31 Fuel Injector Assembly No. 3
E35 Fuel Injector Assembly No. 4
W
∗ 1 : w/ Smart Key System
Y
G
B
R
(∗1)


A25(A), E26(B)
ECM
IGT1
57 B
IGT2
56 B
IGT3
55 B
IGT4
54 B
IGF1
51 B
Y
W
R
W
G
W
L
W
W
W
W
3
2
IGT1
IGF
E77
Ignition Coil Assembly No. 1
3
2
IGT2
IGF
E80
Ignition Coil Assembly No. 2
3
2
IGT3
IGF
E78
Ignition Coil Assembly No. 3
3
2
IGT4
IGF
E82
Ignition Coil Assembly No. 4

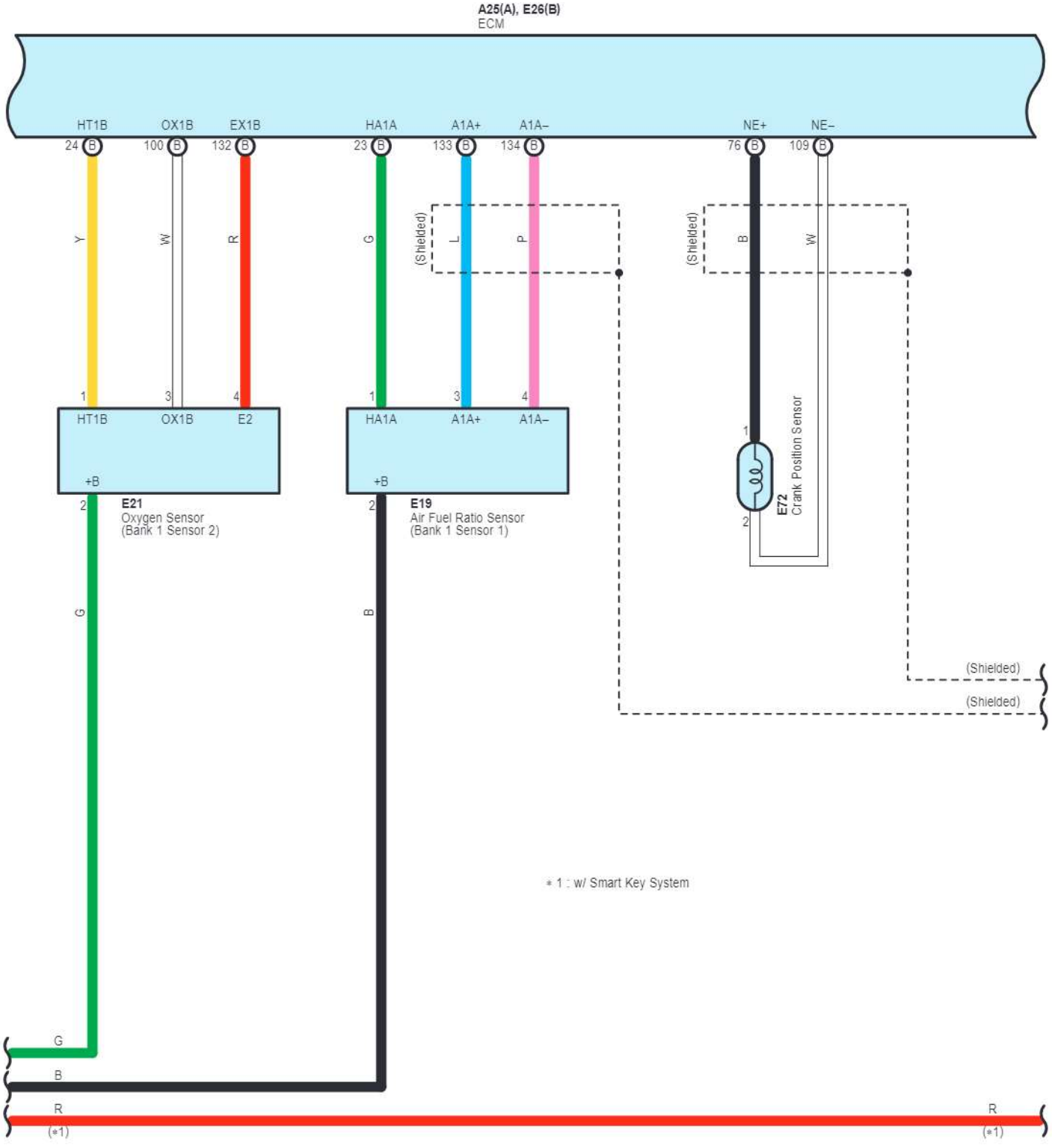

Y
G
B
R
(*1)
Y
G
B
R
(*1)

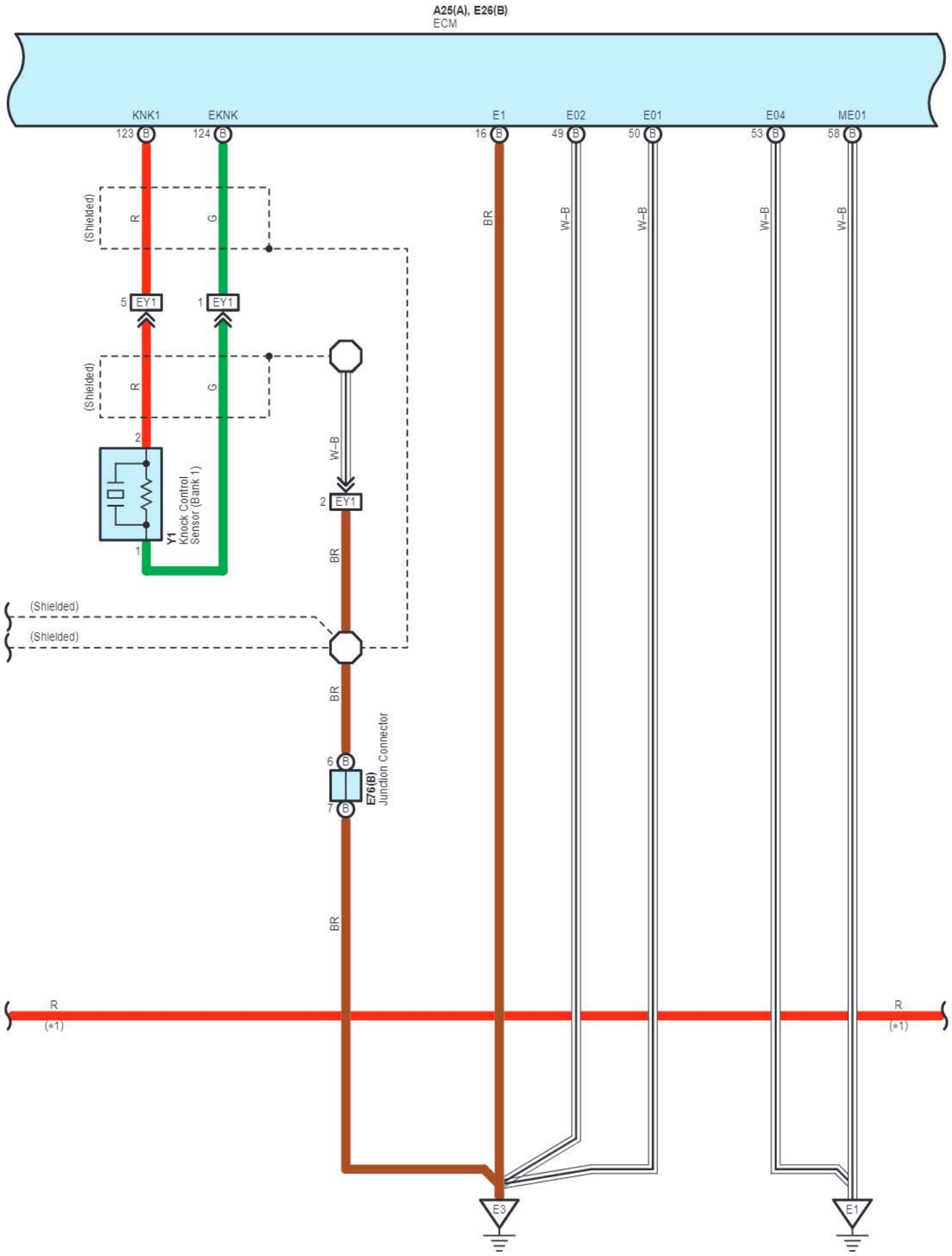

A25(A), E26(B)
ECM
ACIS
PRG
THA
ETHA
E2G
VG
69 (B)
68 (B)
93 (B)
94 (B)
92 (B)
91 (B)
P
W
P
Y
LG
G
1
2
1
2
4
5
E45
VSV (ACIS)
E49
Purge VSV
THA
E2
E2G
VG
+B
3
E14
Intake Mass Air Flow
Meter Sub–Assembly
2
1
B
B
R
Y
G
B
R
(*1)
G
B
R
(*1)

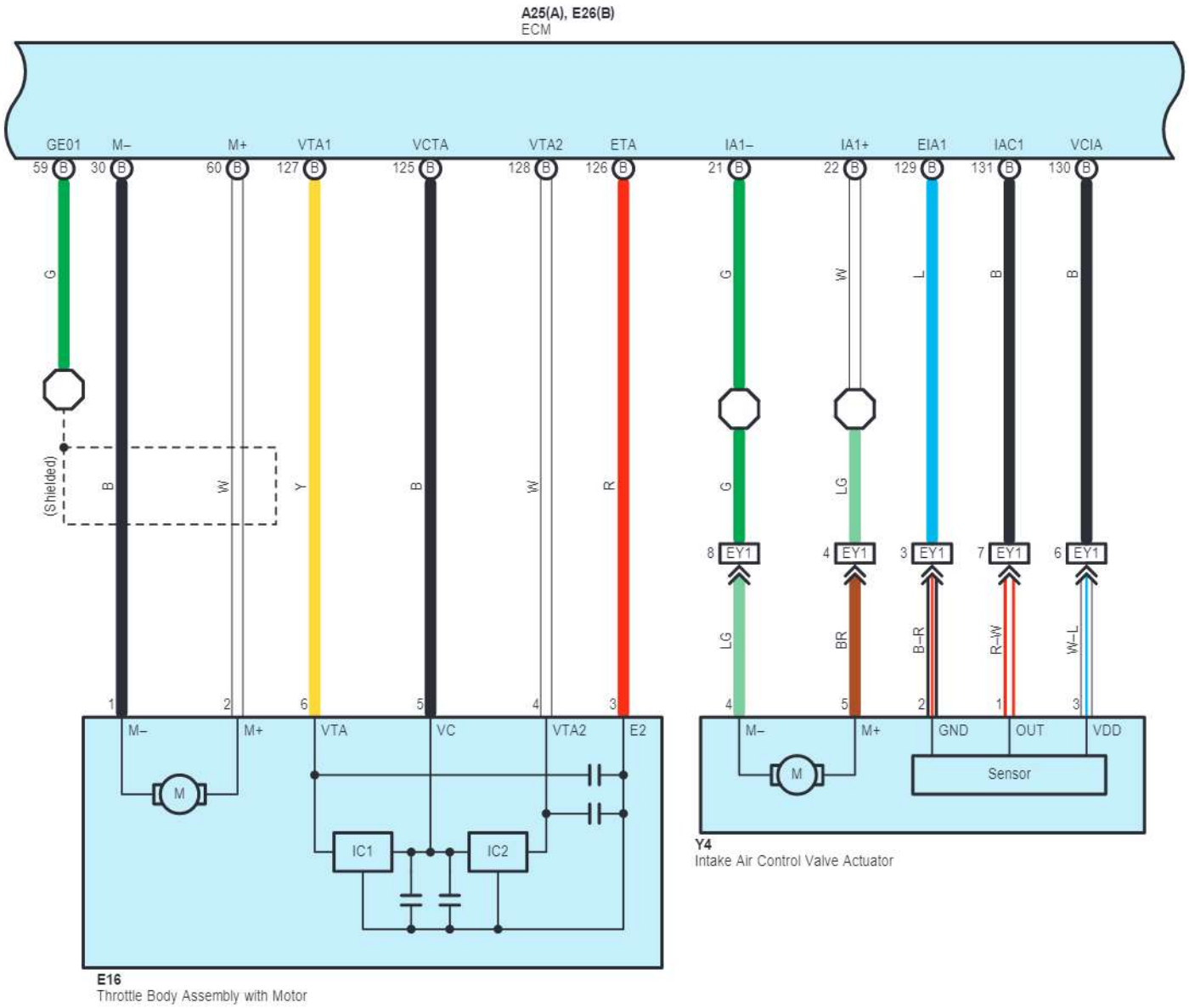


* 1 : w/ Smart Key System



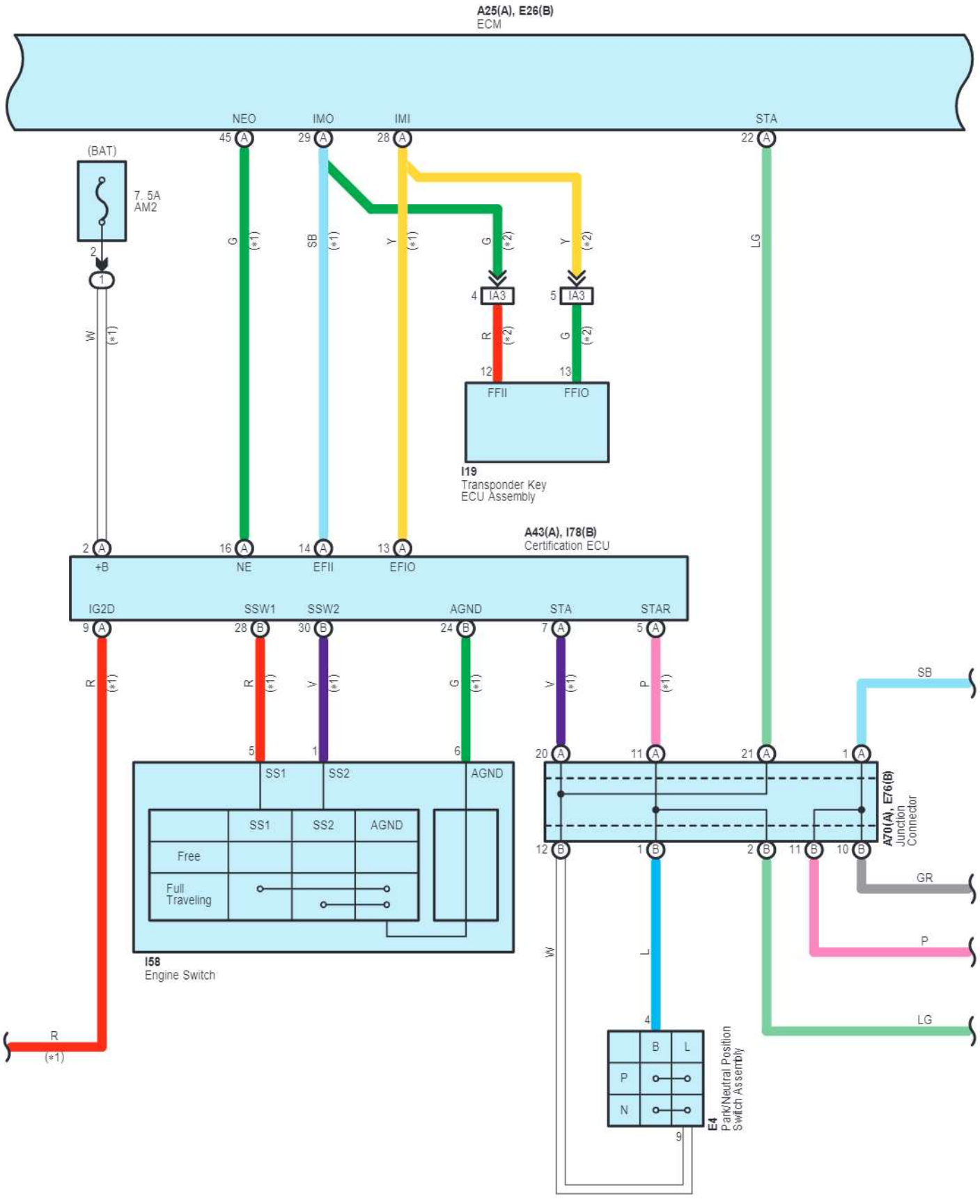

A25(A), E26(B)
ECM
HT1B
OX1B
EX1B
HA1A
A1A+
A1A–
NE+
NE–
24 (B)
100 (B)
132 (B)
23 (B)
133 (B)
134 (B)
76 (B)
109 (B)
Y
W
R
G
L
P
B
(Shielded)
1
3
4
2
HT1B
OX1B
E2
HA1A
A1A+
A1A–
+B
E21
Oxygen Sensor
(Bank 1 Sensor 2)
E19
Air Fuel Ratio Sensor
(Bank 1 Sensor 1)
E72
Crank Position Sensor
(Shielded)
(Shielded)
* 1 : w/ Smart Key System
G
B
R
(*1)

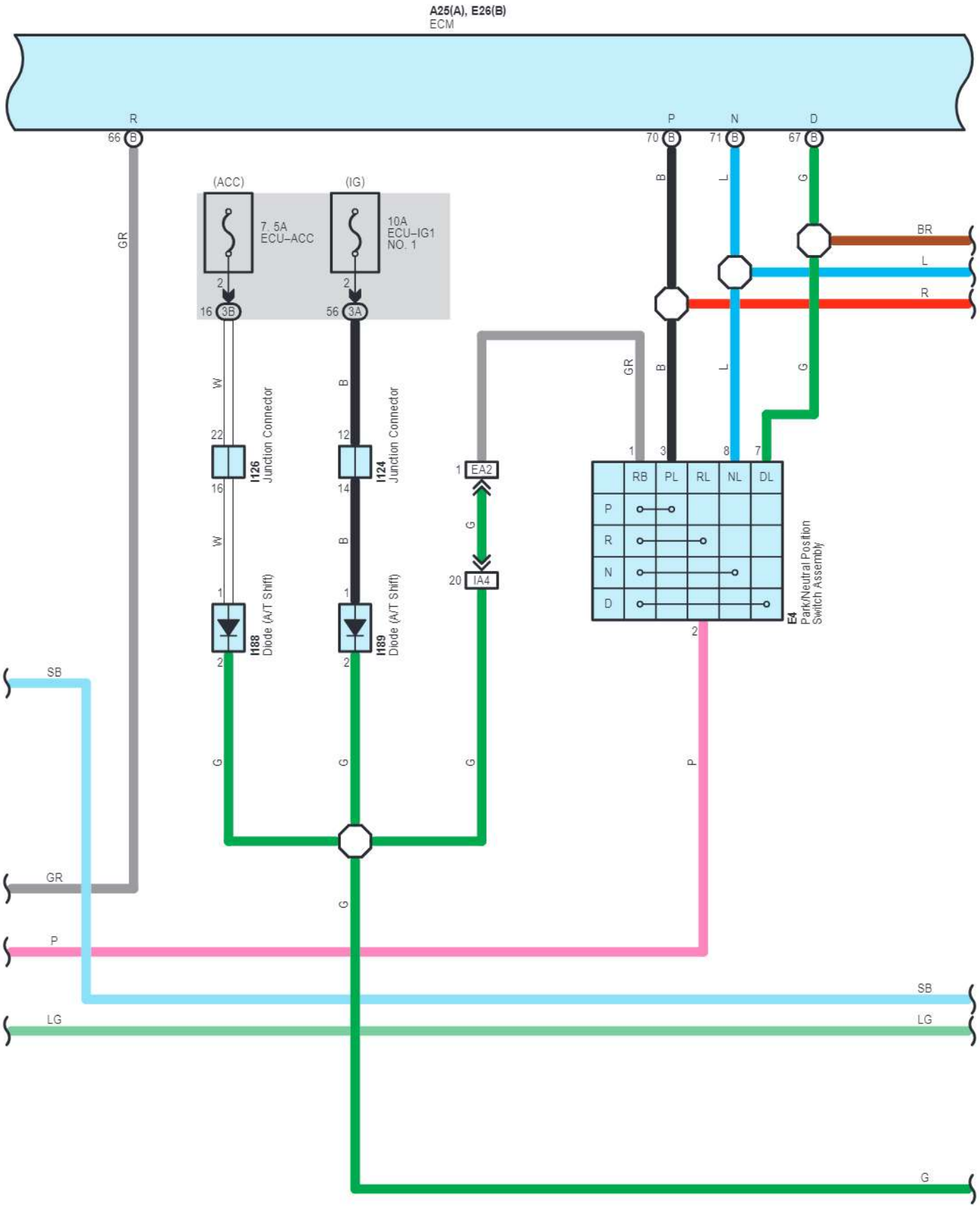

A25(A), E26(B)
ECM
KNK1
EKNK
E1
E02
E01
E04
ME01
123 B
124 B
16 B
49 B
50 B
53 B
58 B
(Shielded)
R
G
BR
W–B
5 EY1
1 EY1
2
1
Y1
Knock Control Sensor (Bank 1)
2 EY1
(Shielded)
(Shielded)
6 B
7 B
E76(B)
Junction Connector
R
(*1)
E3
E1

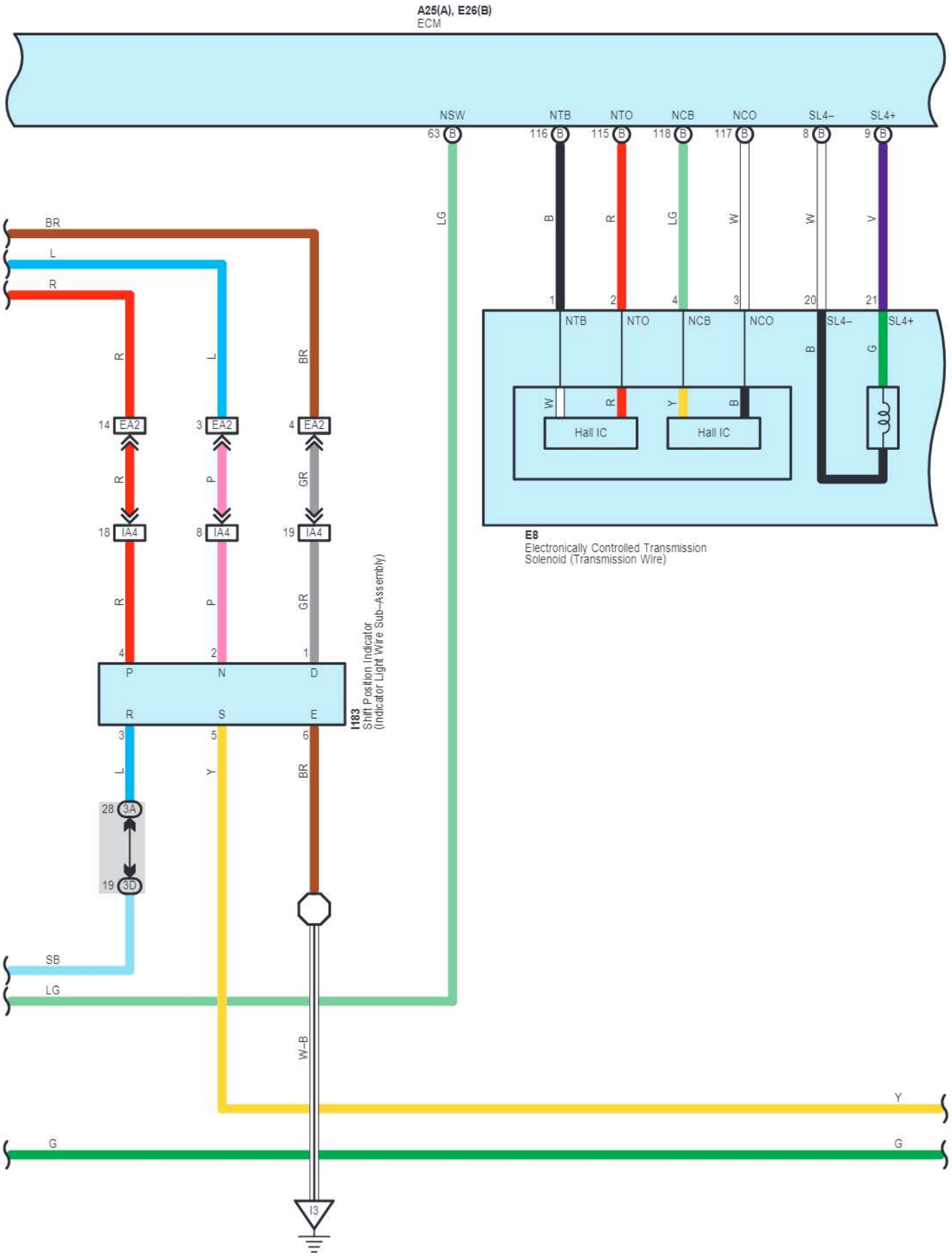


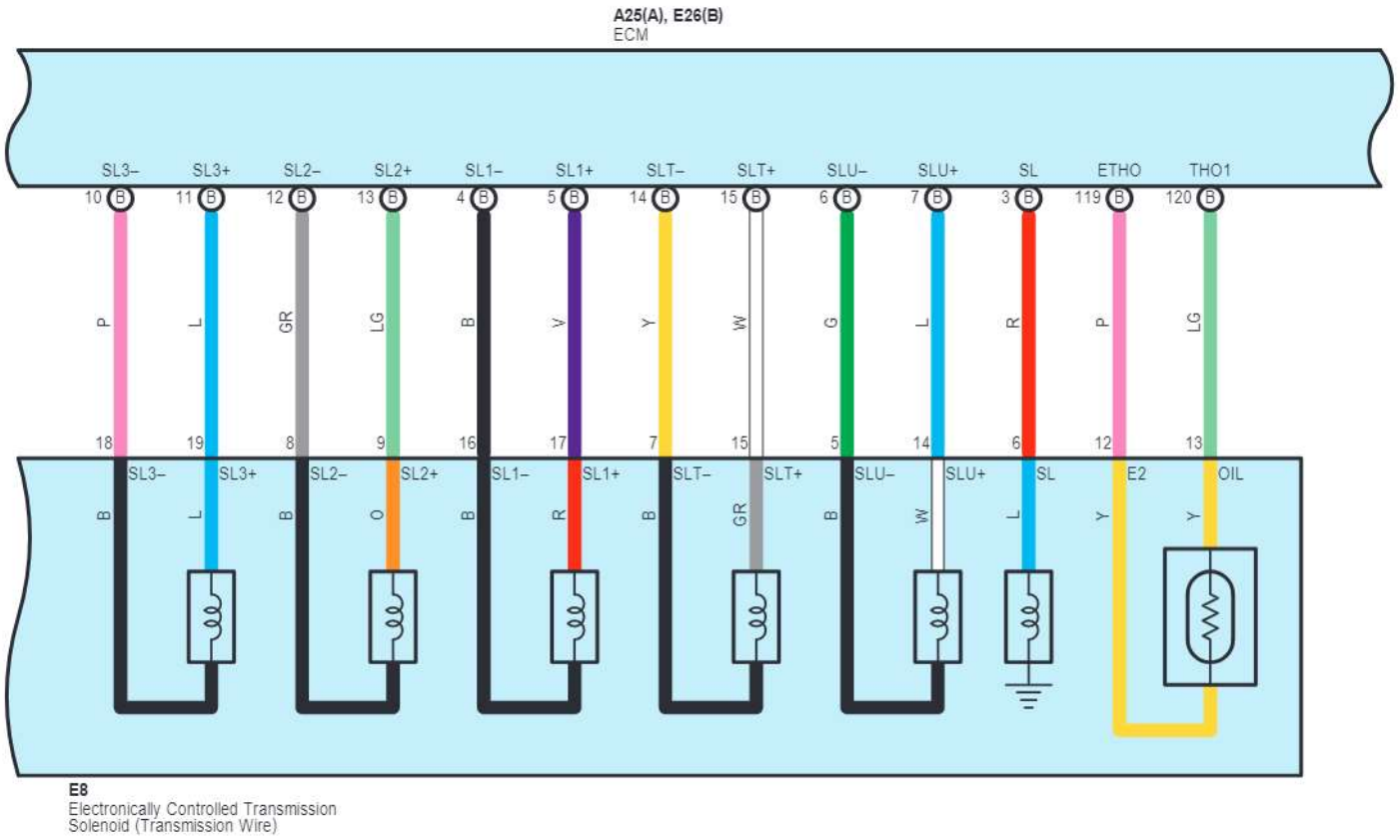
∗ 1 : w/ Smart Key System
∗ 2 : w/o Smart Key System




A25(A), E26(B)
ECM
NEO
IMO
IMI
STA
45 A
29 A
28 A
22 A
(BAT)
7. 5A
AM2
2
1
W
(*1)
G
(*1)
SB
(*1)
Y
(*1)
G
(*2)
Y
(*2)
LG
4 IA3
5 IA3
R
(*2)
G
(*2)
12
13
FFII
FFIO
I19
Transponder Key
ECU Assembly
A43(A), I78(B)
Certification ECU
2 A
16 A
14 A
13 A
+B
NE
EFII
EFIO
IG2D
SSW1
SSW2
AGND
STA
STAR
9 A
28 B
30 B
24 B
7 A
5 A
R
(*1)
R
(*1)
V
(*1)
G
(*1)
V
(*1)
P
(*1)
SB
5
1
6
SS1
SS2
AGND
Free
Full
Traveling
I58
Engine Switch
20 A
11 A
21 A
1 A
A70(A), E76(B)
Junction
Connector
12 B
1 B
2 B
11 B
10 B
GR
P
LG
W
L
4
B
L
P
N
9
E4
Park/Neutral Position
Switch Assembly
R
(*1)

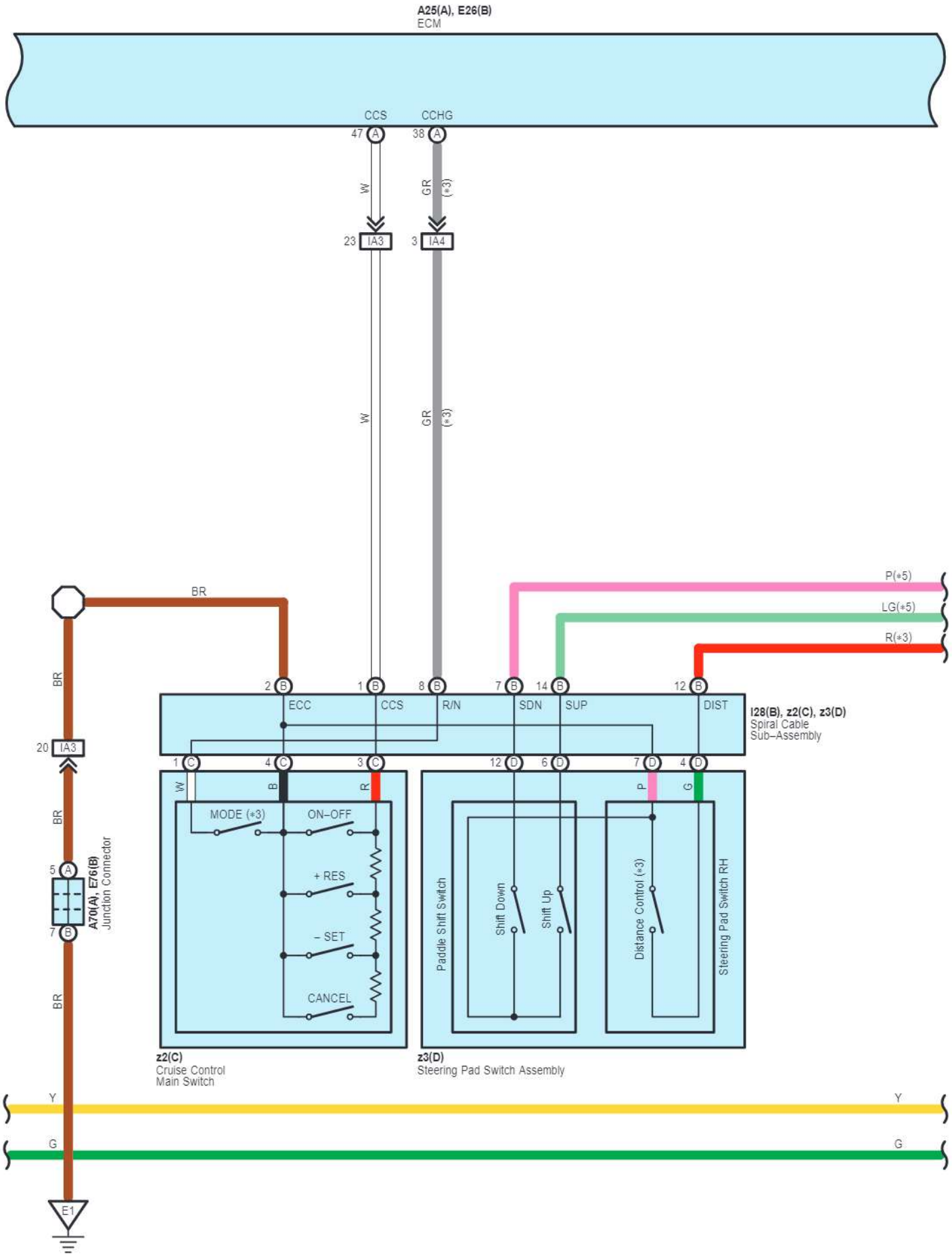

A25(A), E26(B)
ECM
R
66 B
GR
(ACC)
(IG)
7. 5A
ECU–ACC
10A
ECU–IG1
NO. 1
2
16 3B
56 3A
W
B
22
16
12
14
I126
Junction Connector
I124
Junction Connector
1
2
I88
Diode (A/T Shift)
I89
Diode (A/T Shift)
G
1 EA2
20 IA4
P
70 B
71 B
67 B
N
D
B
L
G
BR
L
R
1
3
8
7
RB
PL
RL
NL
DL
P
R
N
D
E4
Park/Neutral Position
Switch Assembly
SB
GR
P
LG
SB
LG
G

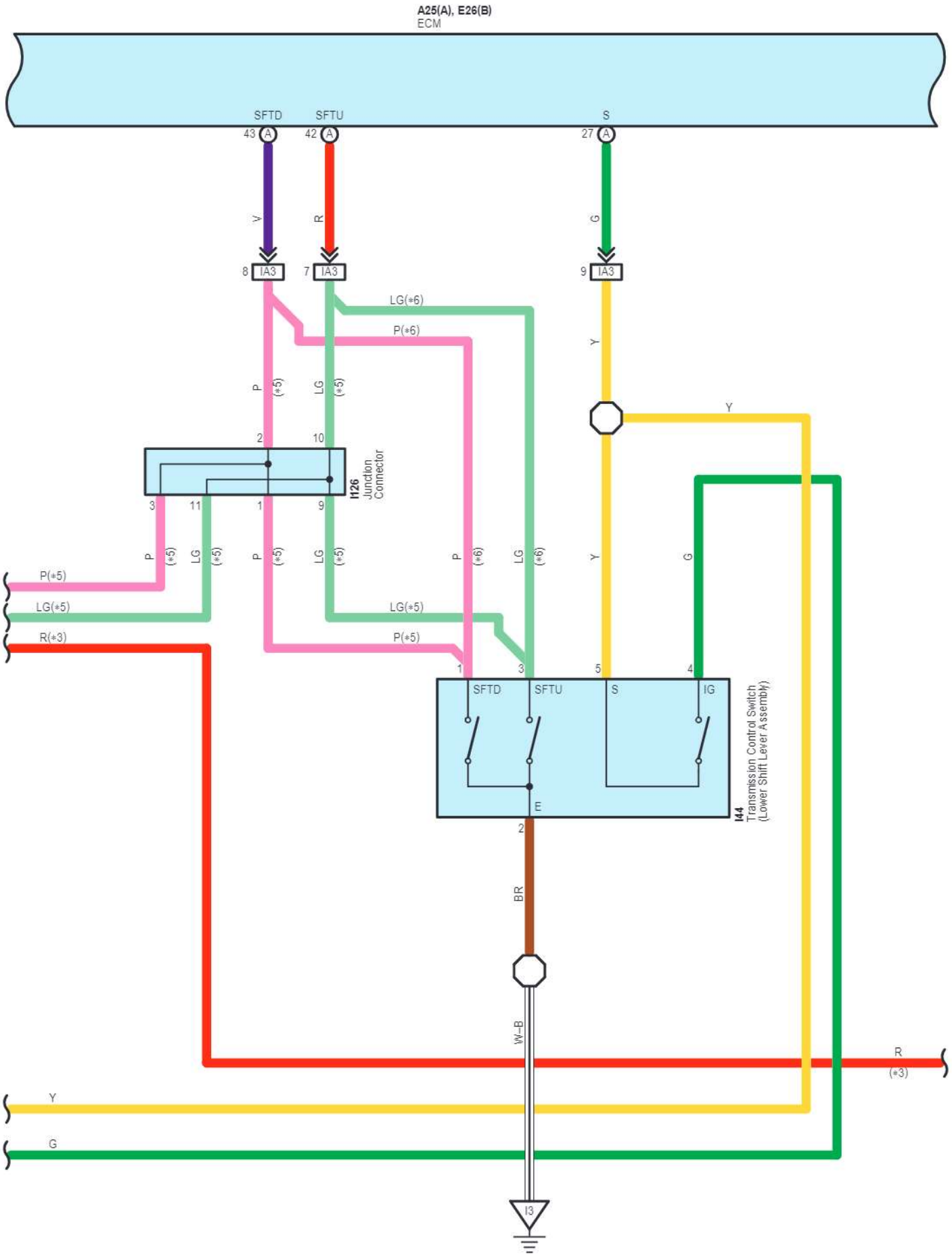

A25(A), E26(B)
ECM
NSW
NTB
NTO
NCB
NCO
SL4–
SL4+
63 B
116 B
115 B
118 B
117 B
8 B
9 B
LG
B
R
LG
W
W
V
1
2
4
3
20
21
NTB
NTO
NCB
NCO
SL4–
SL4+
B
G
W
R
Y
B
Hall IC
Hall IC
E8
Electronically Controlled Transmission
Solenoid (Transmission Wire)
BR
L
R
R
L
BR
14 EA2
3 EA2
4 EA2
R
P
GR
18 IA4
8 IA4
19 IA4
R
P
GR
4
2
1
P
N
D
R
S
E
I183
Shift Position Indicator
(Indicator Light Wire Sub–Assembly)
3
5
6
L
Y
BR
28 3A
19 3D
SB
LG
W–B
Y
G
G
I3

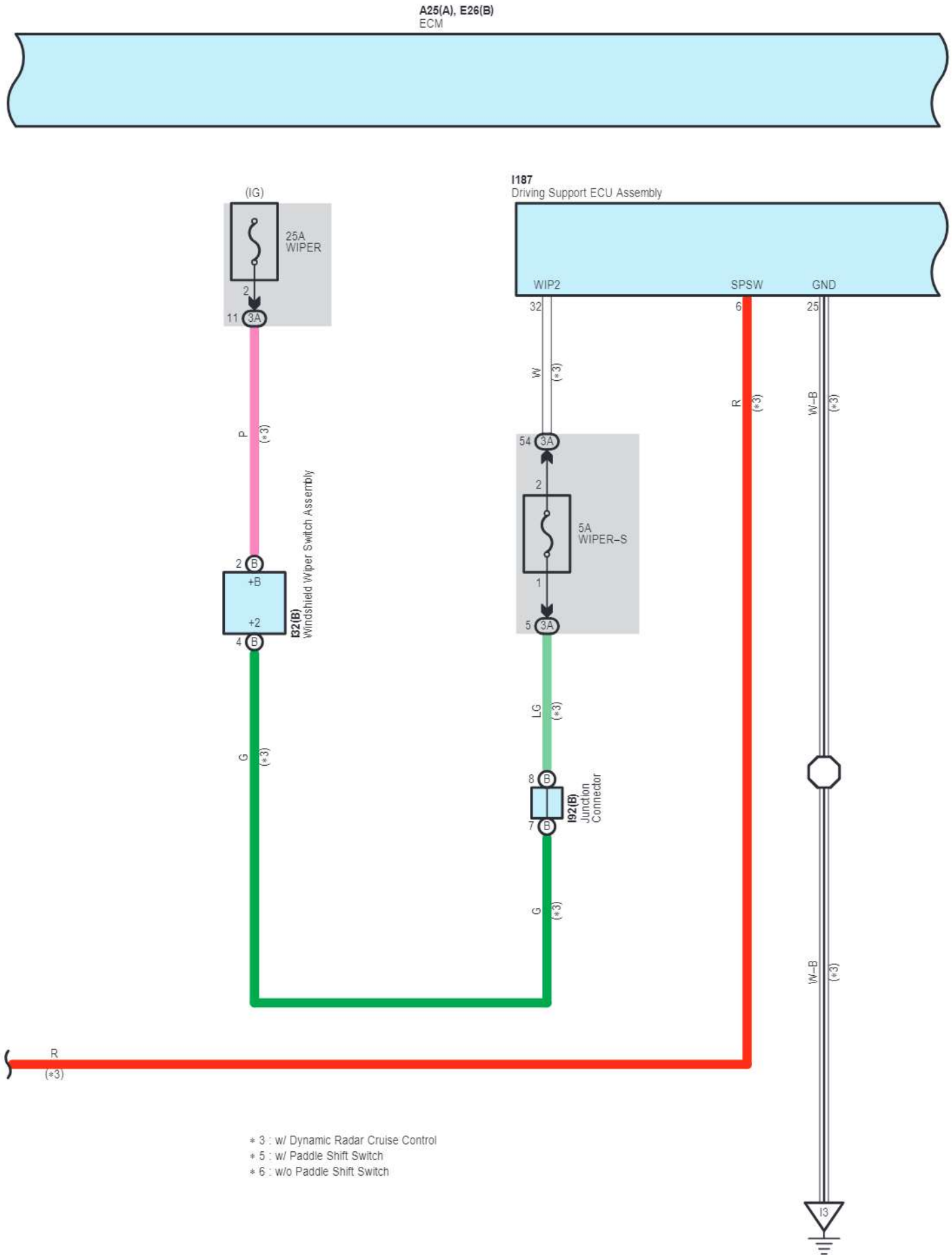


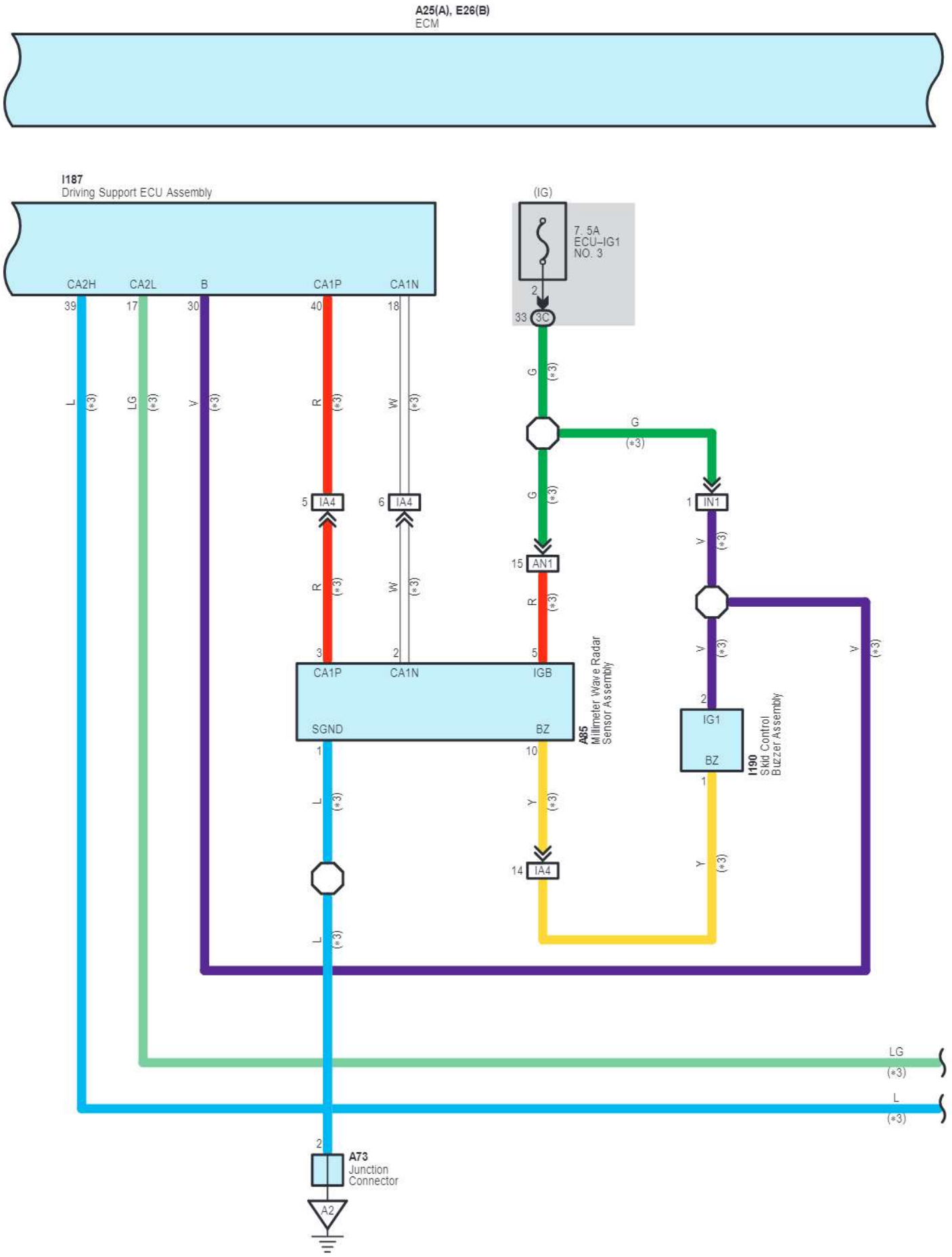
* 3 : w/ Dynamic Radar Cruise Control
* 5 : w/ Paddle Shift Switch

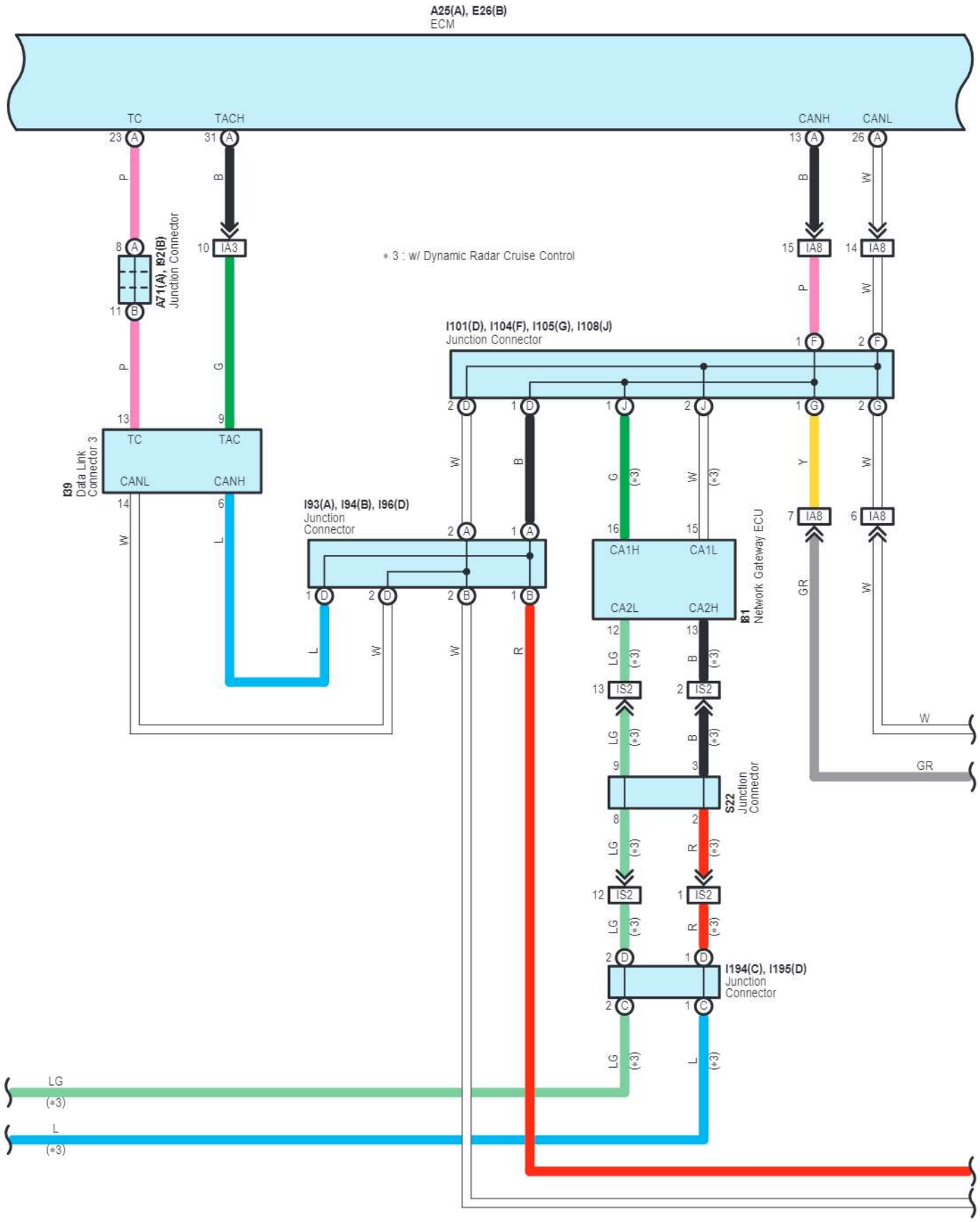


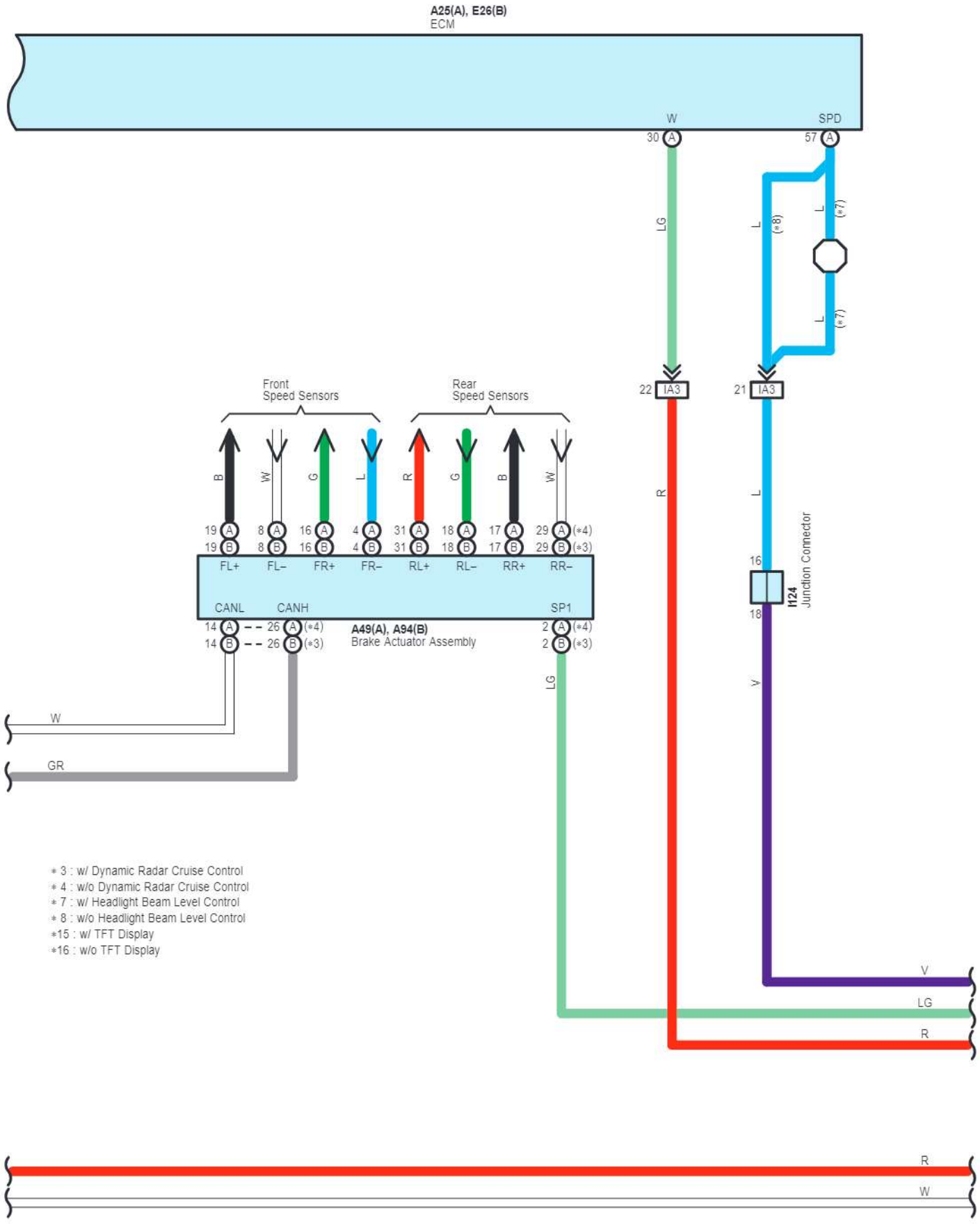

A25(A), E26(B)
ECM
CCS
CCHG
47 A
38 A
W
GR (*3)
23 IA3
3 IA4
P(*5)
LG(*5)
R(*3)
BR
2 B
1 B
8 B
7 B
14 B
12 B
ECC
CCS
R/N
SDN
SUP
DIST
I28(B), z2(C), z3(D)
Spiral Cable
Sub–Assembly
20 IA3
1 C
4 C
3 C
12 D
6 D
7 D
4 D
W
B
R
P
G
MODE (*3)
ON–OFF
+ RES
– SET
CANCEL
Paddle Shift Switch
Shift Down
Shift Up
Distance Control (*3)
Steering Pad Switch RH
5 A
7 B
A70(A), E76(B)
Junction Connector
z2(C)
Cruise Control
Main Switch
z3(D)
Steering Pad Switch Assembly
Y
G
E1

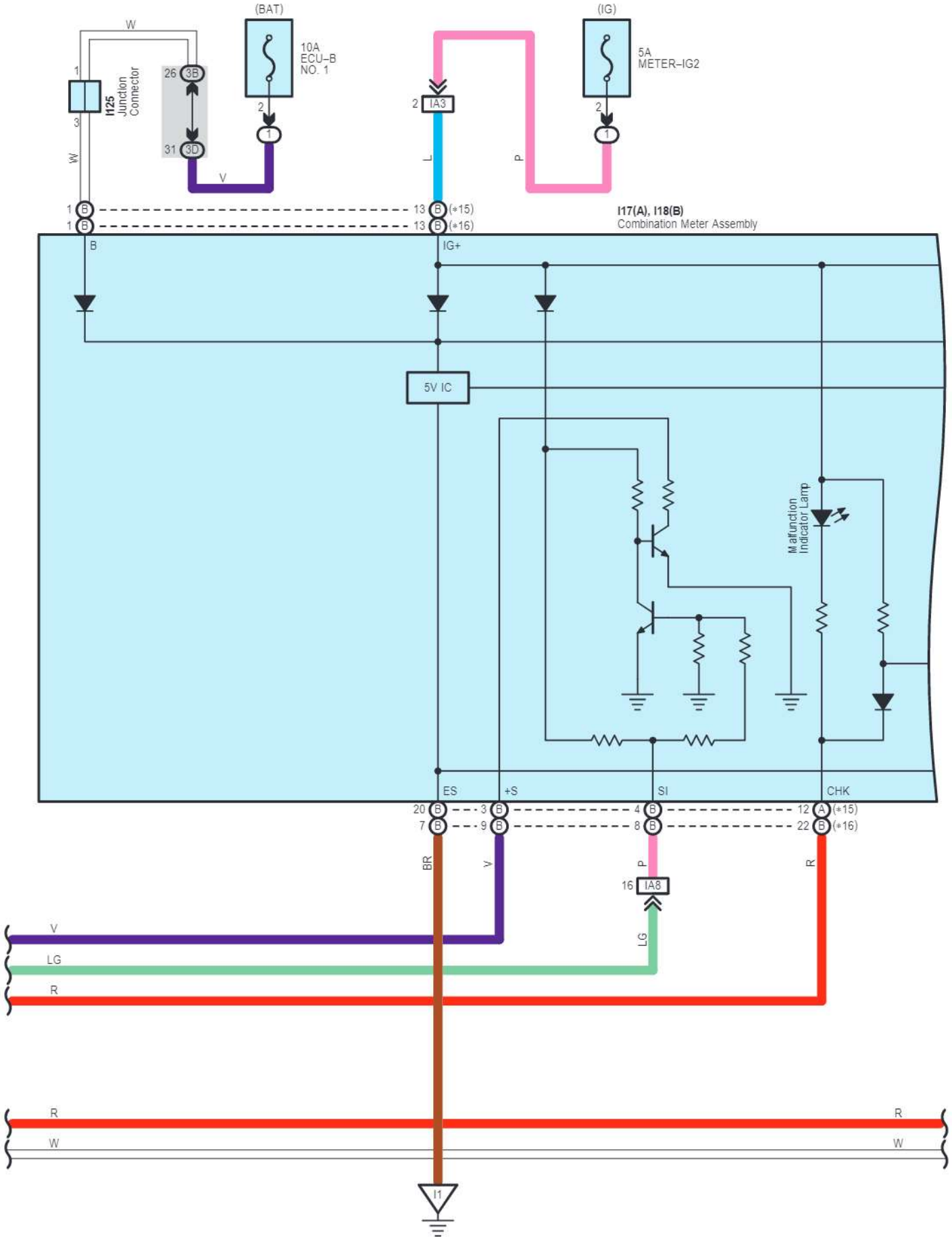

A25(A), E26(B)
ECM
SFTD
SFTU
S
43
42
27
V
R
G
8 IA3
7 IA3
9 IA3
LG(*6)
P(*6)
Y
P (*5)
LG (*5)
2
10
I126 Junction Connector
3
11
1
9
P(*5)
LG(*5)
R(*3)
P (*6)
LG (*6)
Y
G
1
3
5
4
SFTD
SFTU
S
IG
E
I44 Transmission Control Switch (Lower Shift Lever Assembly)
2
BR
W-B
I3
R (*3)
Y
G


A25(A), E26(B)
ECM
(IG)
25A
WIPER
2
11
3A
P
(*3)
2
B
+B
+2
4
B
I32(B)
Windshield Wiper Switch Assembly
G
(*3)
I187
Driving Support ECU Assembly
WIP2
SPSW
GND
32
6
25
W
(*3)
R
(*3)
W-B
(*3)
54
3A
2
5A
WIPER-S
1
5
3A
LG
(*3)
8
B
I92(B)
Junction
Connector
7
B
G
(*3)
W-B
(*3)
R
(*3)
I3
* 3 : w/ Dynamic Radar Cruise Control
* 5 : w/ Paddle Shift Switch
* 6 : w/o Paddle Shift Switch

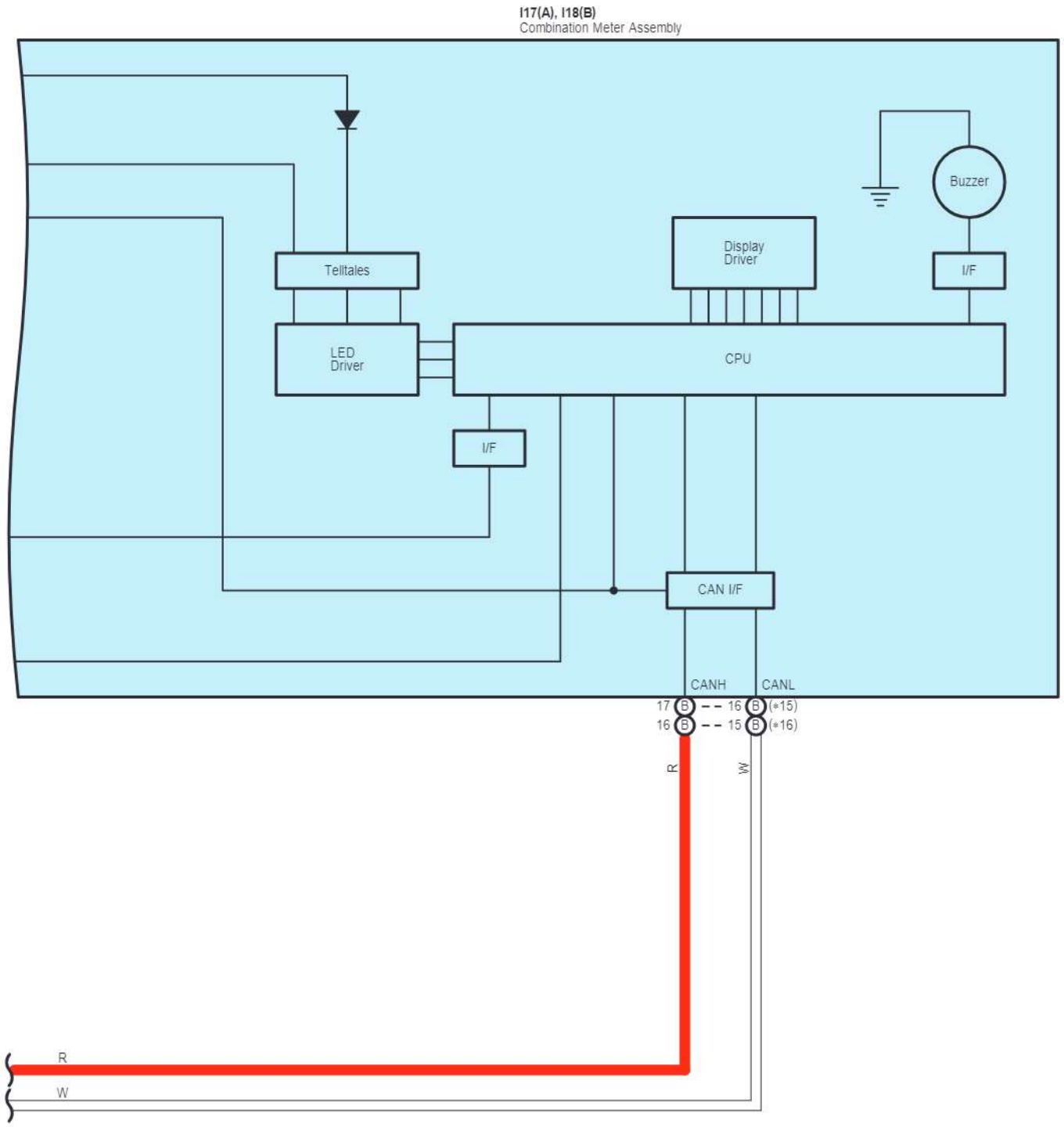

A25(A), E26(B)
ECM
I187
Driving Support ECU Assembly
CA2H
CA2L
B
CA1P
CA1N
39
17
30
40
18
L
LG
V
R
W
(*3)
5
IA4
6
IA4
(IG)
7. 5A
ECU-IG1
NO. 3
2
33
3C
G
(*3)
1
IN1
15
AN1
3
2
5
CA1P
CA1N
IGB
SGND
BZ
A85
Millimeter Wave Radar
Sensor Assembly
1
10
14
IA4
IG1
BZ
I190
Skid Control
Buzzer Assembly
LG
(*3)
L
(*3)
2
A73
Junction
Connector
A2


A25(A), E26(B)
ECM
TC
TACH
CANH
CANL
23 A
31 A
13 A
26 A
P
B
B
W
8 A
10 IA3
15 IA8
14 IA8
A71(A), I92(B)
Junction Connector
11 B
* 3 : w/ Dynamic Radar Cruise Control
P
W
I101(D), I104(F), I105(G), I108(J)
Junction Connector
1 F
2 F
P
G
2 D
1 D
1 J
2 J
1 G
2 G
13
9
W
B
G (*3)
W (*3)
Y
W
I9
Data Link
Connector 3
TC
TAC
CANL
CANH
14
6
W
L
I93(A), I94(B), I96(D)
Junction
Connector
2 A
1 A
7 IA8
6 IA8
16
15
CA1H
CA1L
CA2L
CA2H
I81
Network Gateway ECU
GR
W
1 D
2 D
2 B
1 B
L
W
W
R
12
13
LG (*3)
B (*3)
13 IS2
2 IS2
LG (*3)
B (*3)
W
GR
9
3
S22
Junction
Connector
8
2
LG (*3)
R (*3)
12 IS2
1 IS2
LG (*3)
R (*3)
2 D
1 D
I194(C), I195(D)
Junction
Connector
2 C
1 C
LG (*3)
L (*3)
LG
(*3)
L
(*3)

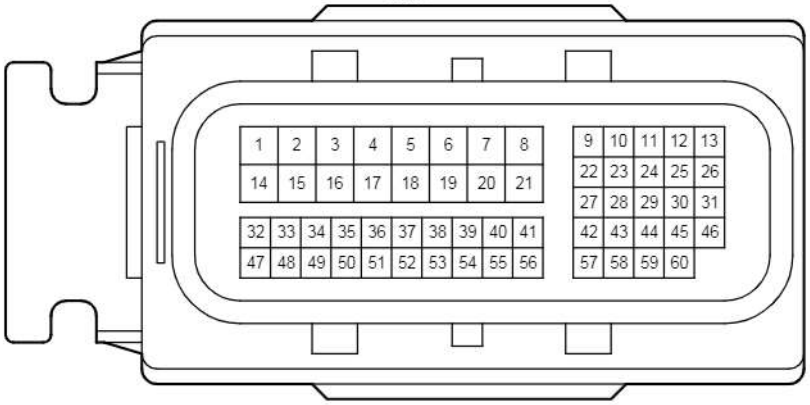

A25(A), E26(B)
ECM
W
SPD
30
57
LG
L
(*8)
(*7)
22 IA3
21 IA3
Front
Speed Sensors
Rear
Speed Sensors
B
W
G
L
R
G
B
W
19 19 8 8 16 16 4 4 31 31 18 18 17 17 29 29 (*4) (*3)
FL+ FL– FR+ FR– RL+ RL– RR+ RR–
CANL CANH SP1
14 14 26 26 (*4) (*3)
A49(A), A94(B)
Brake Actuator Assembly
2 2 (*4) (*3)
R
L
16
I124
Junction Connector
18
V
LG
W
GR
* 3 : w/ Dynamic Radar Cruise Control
* 4 : w/o Dynamic Radar Cruise Control
* 7 : w/ Headlight Beam Level Control
* 8 : w/o Headlight Beam Level Control
*15 : w/ TFT Display
*16 : w/o TFT Display
V
LG
R
R
W


(BAT)
10A
ECU–B
NO. 1
(IG)
5A
METER–IG2
W
I125
Junction
Connector
26 3B
31 3D
IA3
I17(A), I18(B)
Combination Meter Assembly
B
IG+
5V IC
Malfunction
Indicator Lamp
ES
+S
SI
CHK
IA8
I1

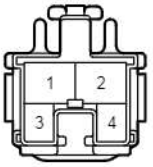
∗15 : w/ TFT Display
∗16 : w/o TFT Display



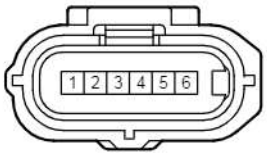
A 25
Black



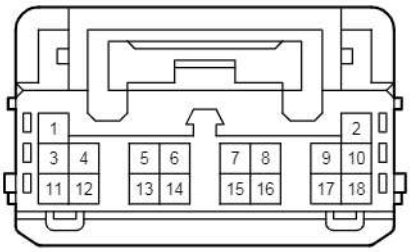
A 33
White



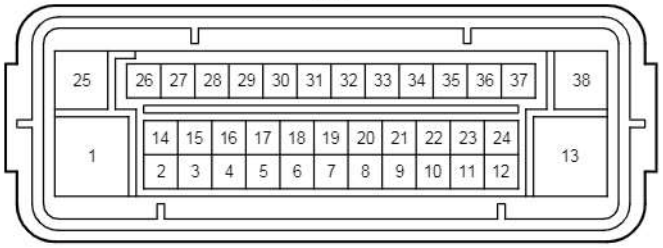
A 36
Black



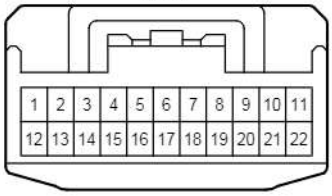
A 43
White



A 49
Black



A 70
White



A 71
Gray



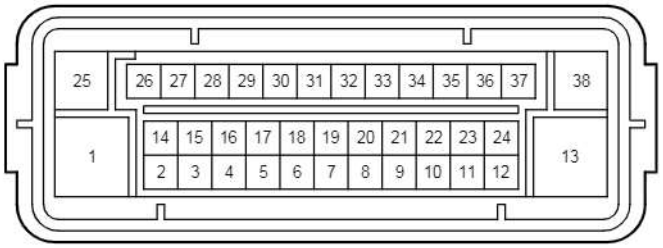
A 73
Gray



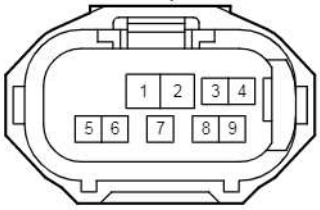
A 85
Black



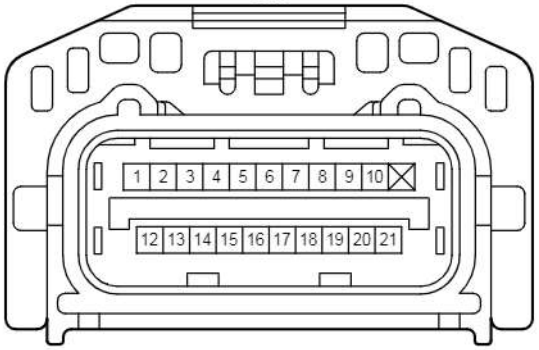
A 94
Black



E 4
Gray



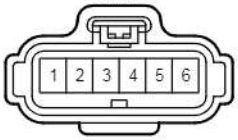
E 8
Black



E 14
Black



E 16
Black



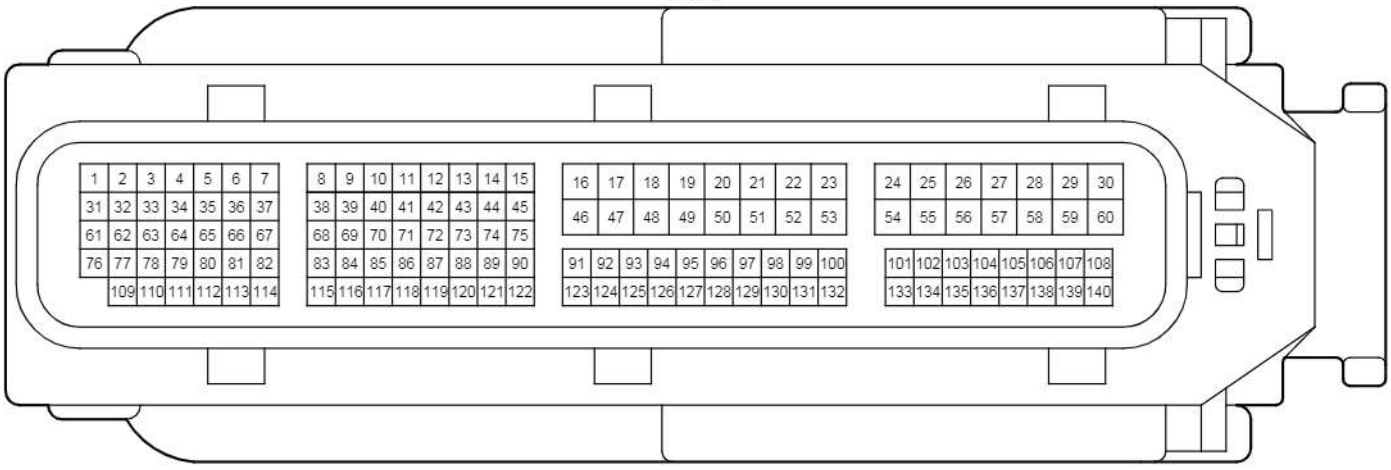
E 19
Dark Gray



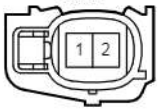
E 21
White



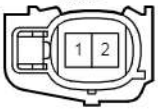
E 26
Black



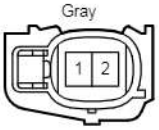
E 29
Black



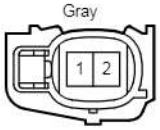
E 31
Black



E 34
Gray



E 35
Gray



E 45
Black



E 47
Black



E 49
Black



E 52
Gray



E 55
Black



E 56
Gray



E 63
Gray



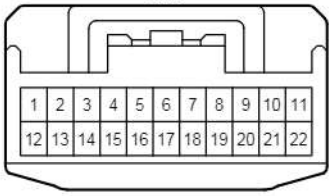
E 70
Black



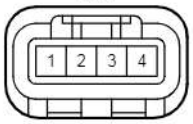
E 72
Black



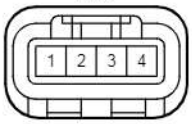
E 76
White



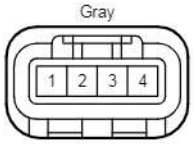
E 77
Black



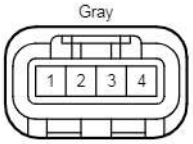
E 78
Black



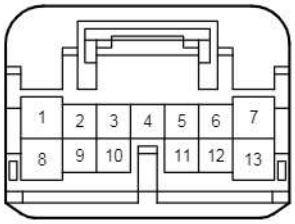
E 80
Gray



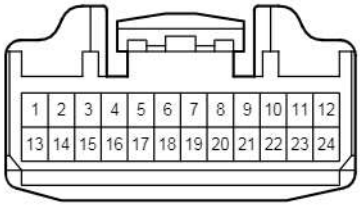
E 82
Gray



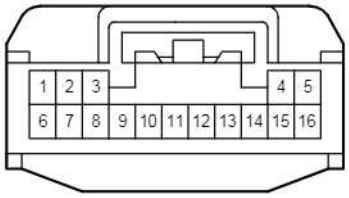
I 17
Black



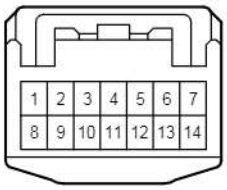
I 18
Black



I 19
Black



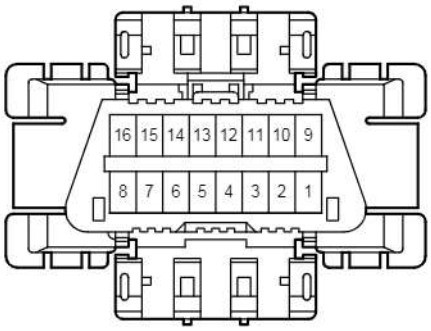
I 28
Black



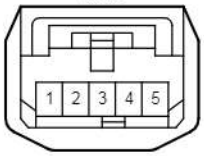
I 32
White



I 39
White



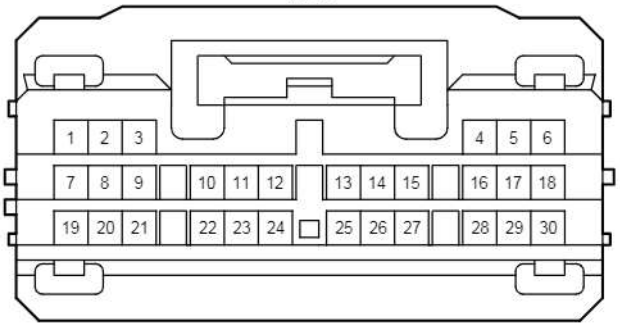
I 44
White



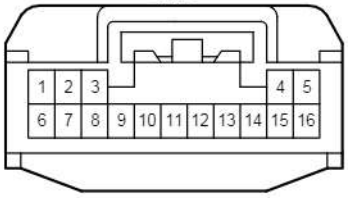
I 58
Black



I 78
White



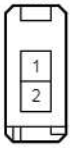
I 81
White



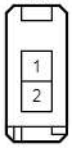
I 92
Gray



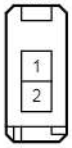
I 93
White



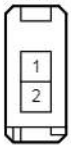
I 94
White



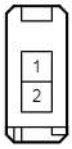
I 96
White



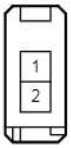
I101
White



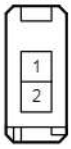
I104
White



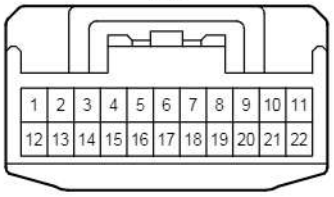
I105
White



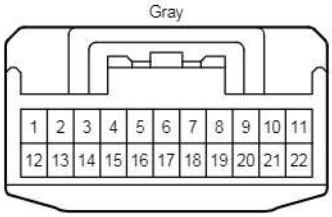
I108
White



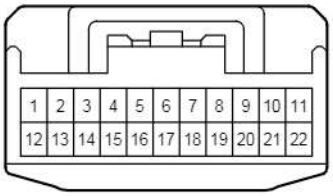
I124
White



I125
Gray



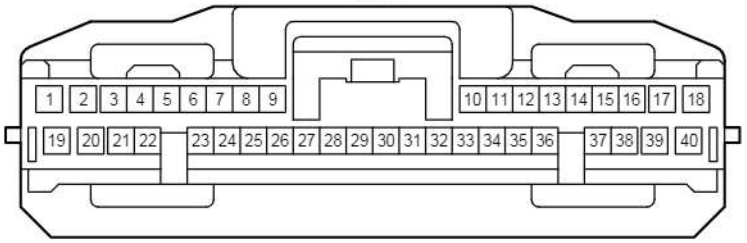
I126
White



I183
White



I187
White



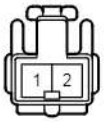
I188
Gray



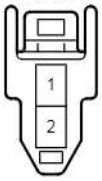
I189
Gray



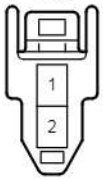
I190
Blue



I194
White



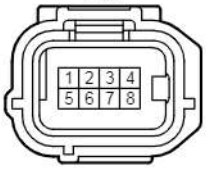
I195
White



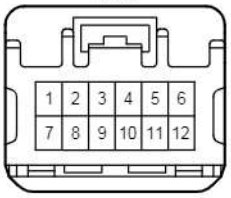
N 11
White



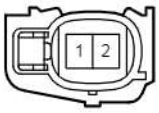
N 35
Black



S 22
White



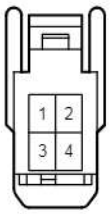
Y 1
Black



Y 4
Black



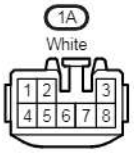
z 2
White



z 3
Black



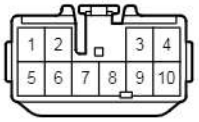
1A
White



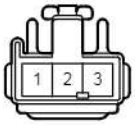
1B
White



1C
White



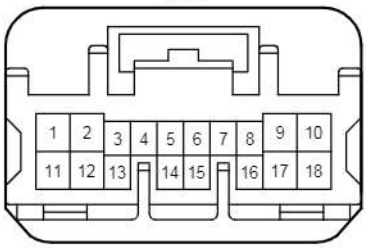
1D
White



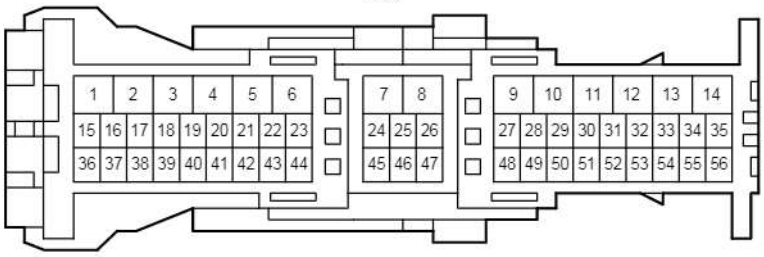
1E
White



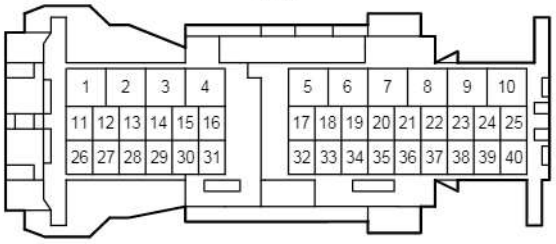
1F
White



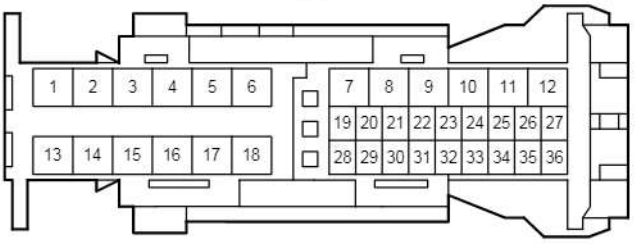
3A
White



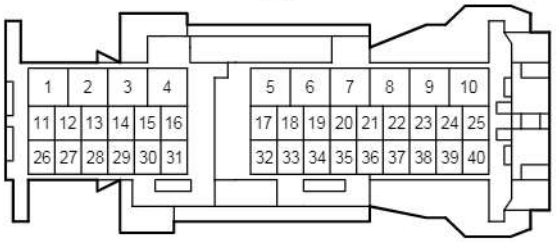
3B
White



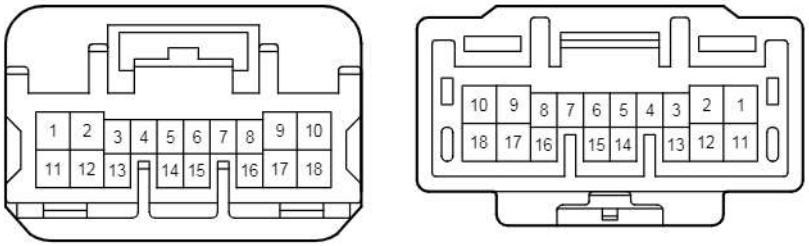
3C
White

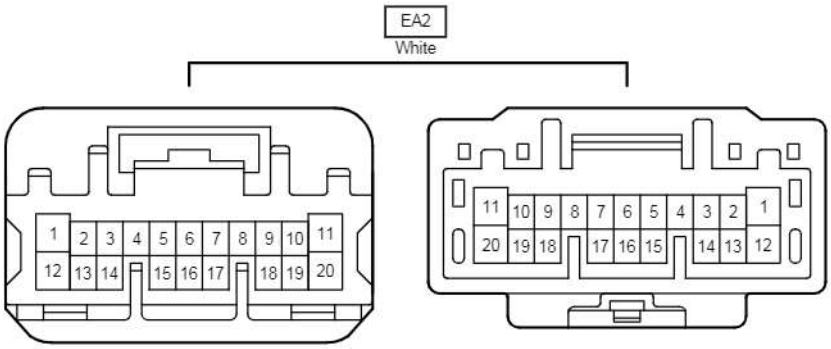


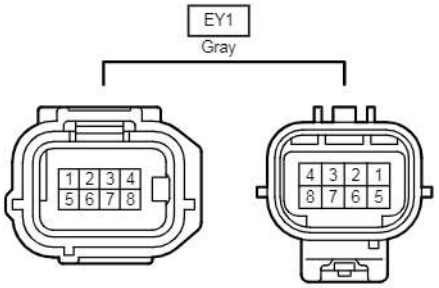
3D
White

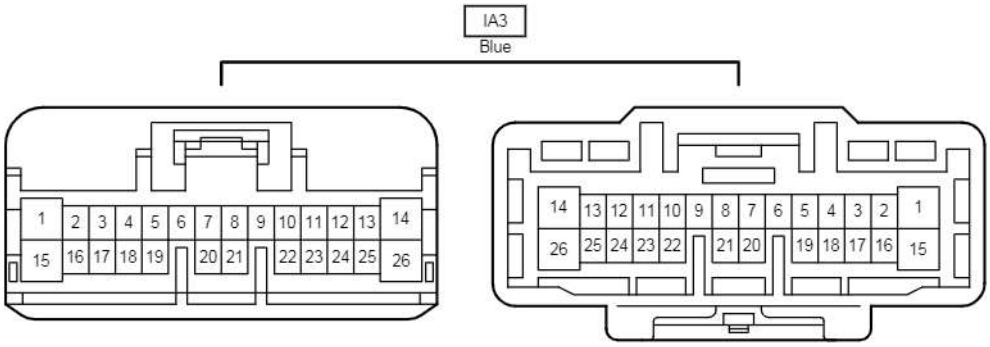


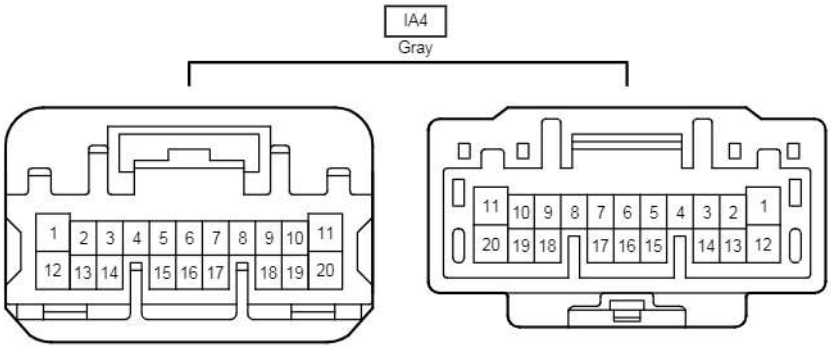
AN1
White

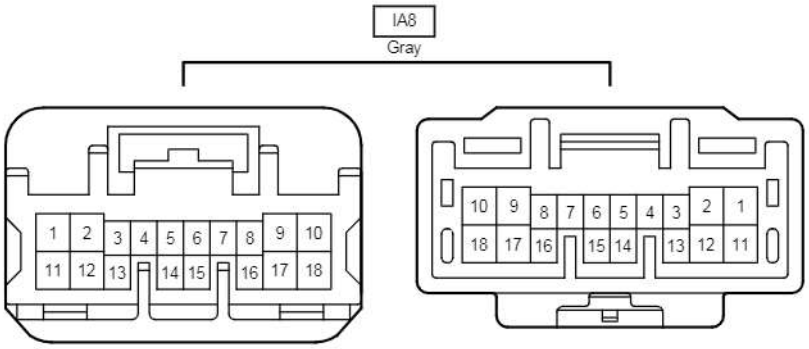


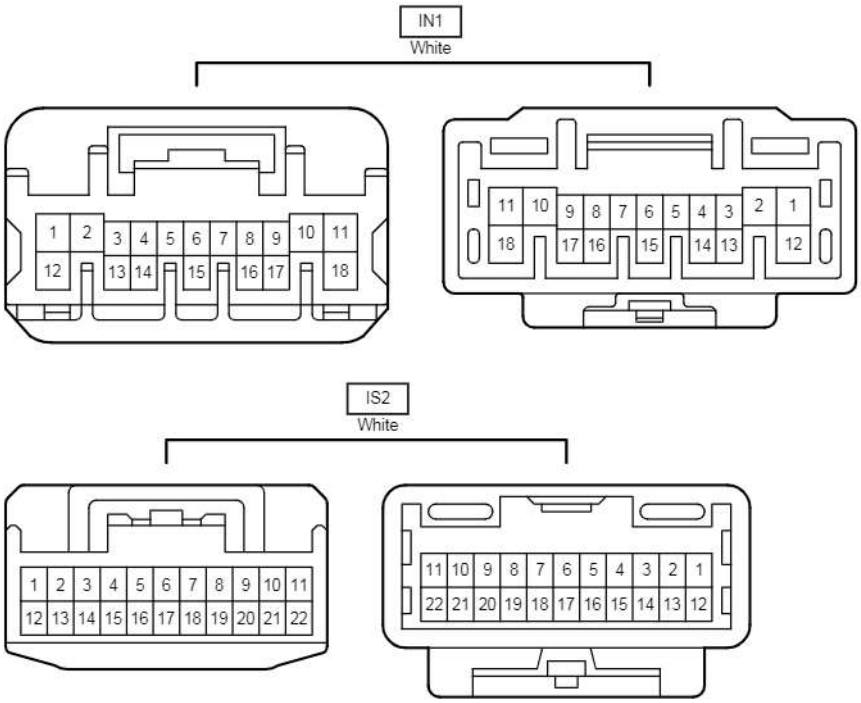

EA2
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12


EY1
Gray
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5

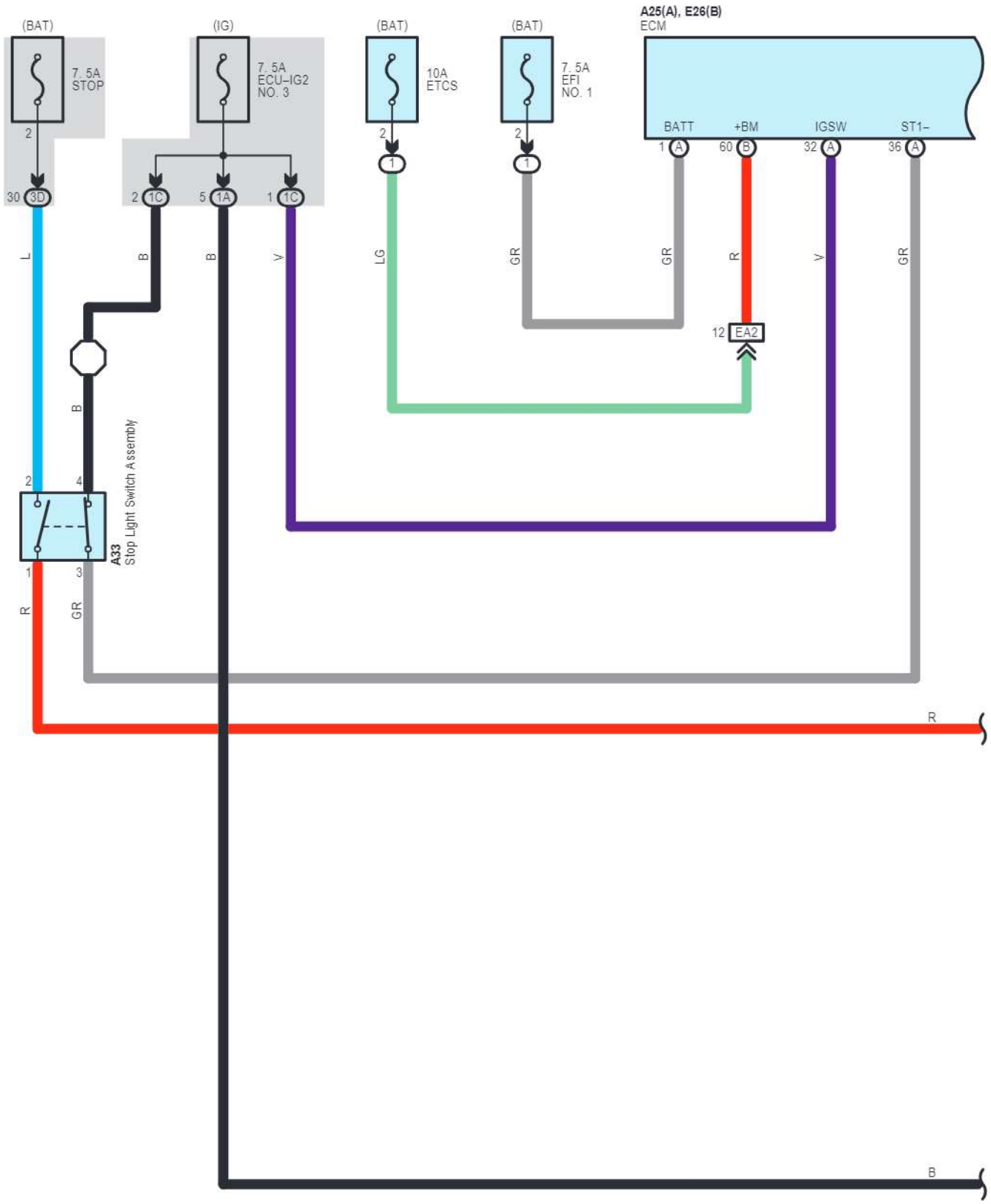

IA3
Blue
1 2 3 4 5 6 7 8 9 10 11 12 13 14
15 16 17 18 19 20 21 22 23 24 25 26
14 13 12 11 10 9 8 7 6 5 4 3 2 1
26 25 24 23 22 21 20 19 18 17 16 15

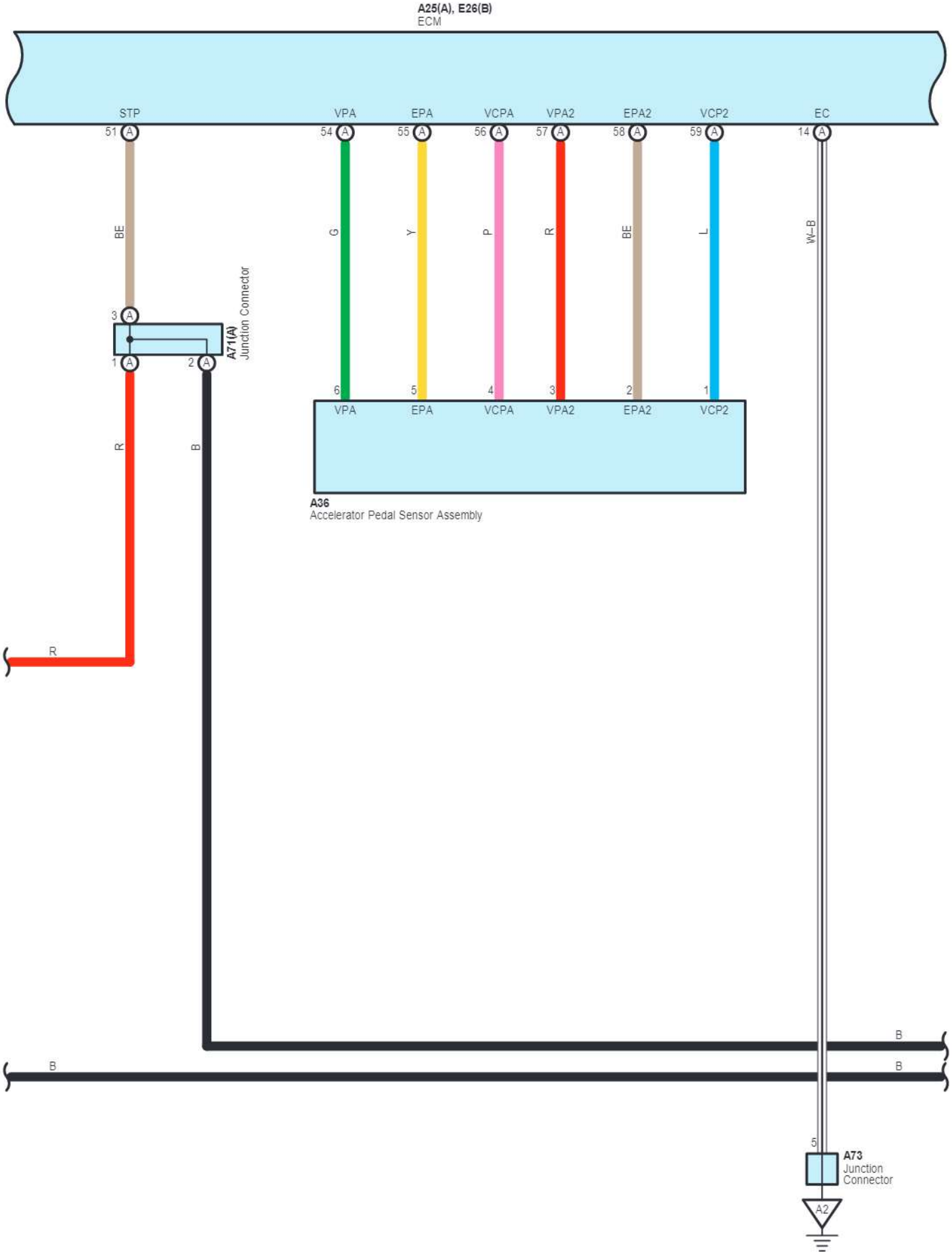

IA4
Gray
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12

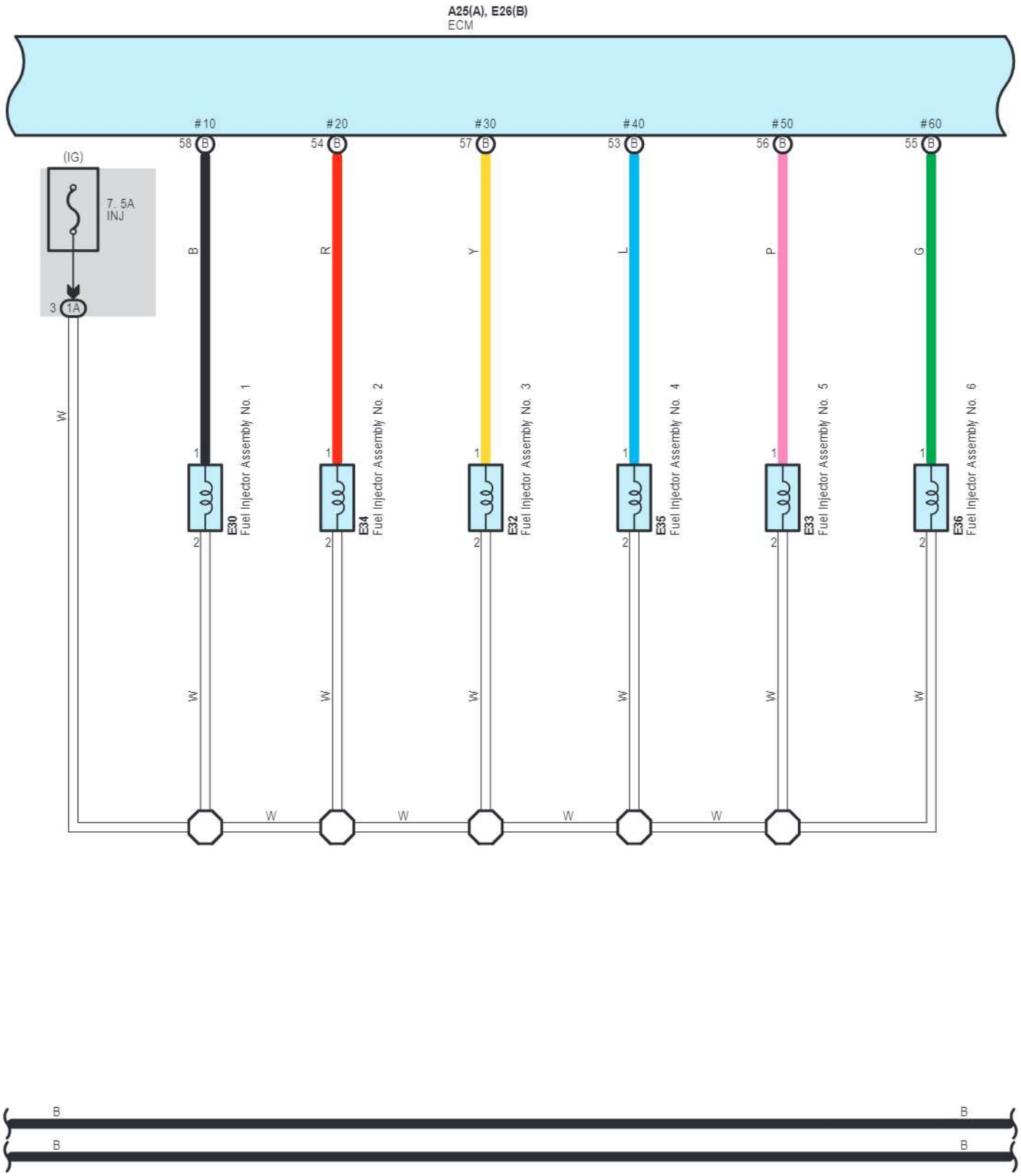

IA8
Gray
1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18
10 9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11


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

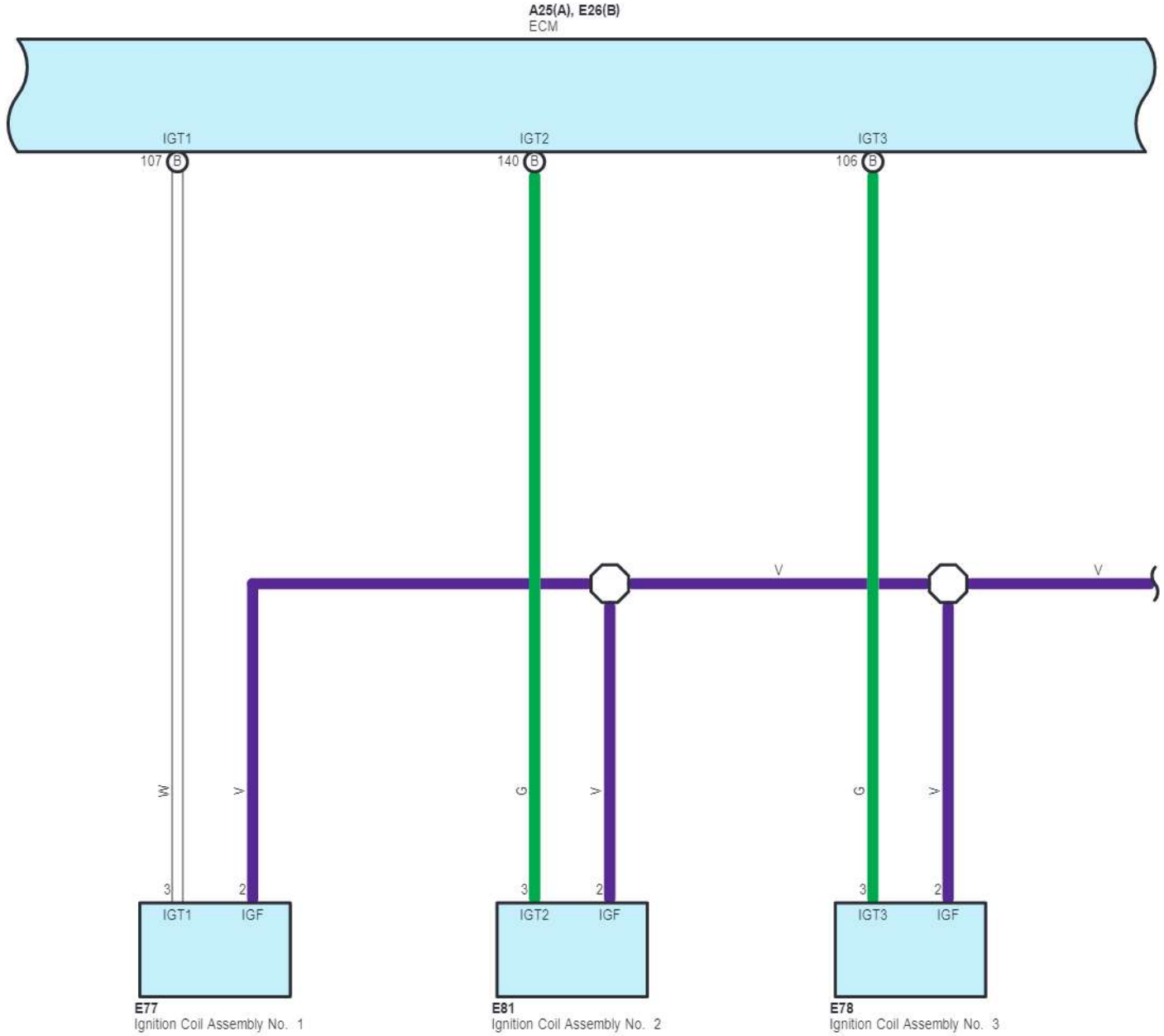
IS2
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12


(BAT)
7.5A
STOP
2
30 3D
(IG)
7.5A
ECU-IG2
NO. 3
2 1C
5 1A
1 1C
(BAT)
10A
ETCS
2
1
(BAT)
7.5A
EFI
NO. 1
2
1
A25(A), E26(B)
ECM
BATT
+BM
IGSW
ST1-
1 A
60 B
32 A
36 A
12 EA2
L
B
B
V
LG
GR
GR
R
V
GR
B
2
4
A33
Stop Light Switch Assembly
1
3
R
GR
R
B

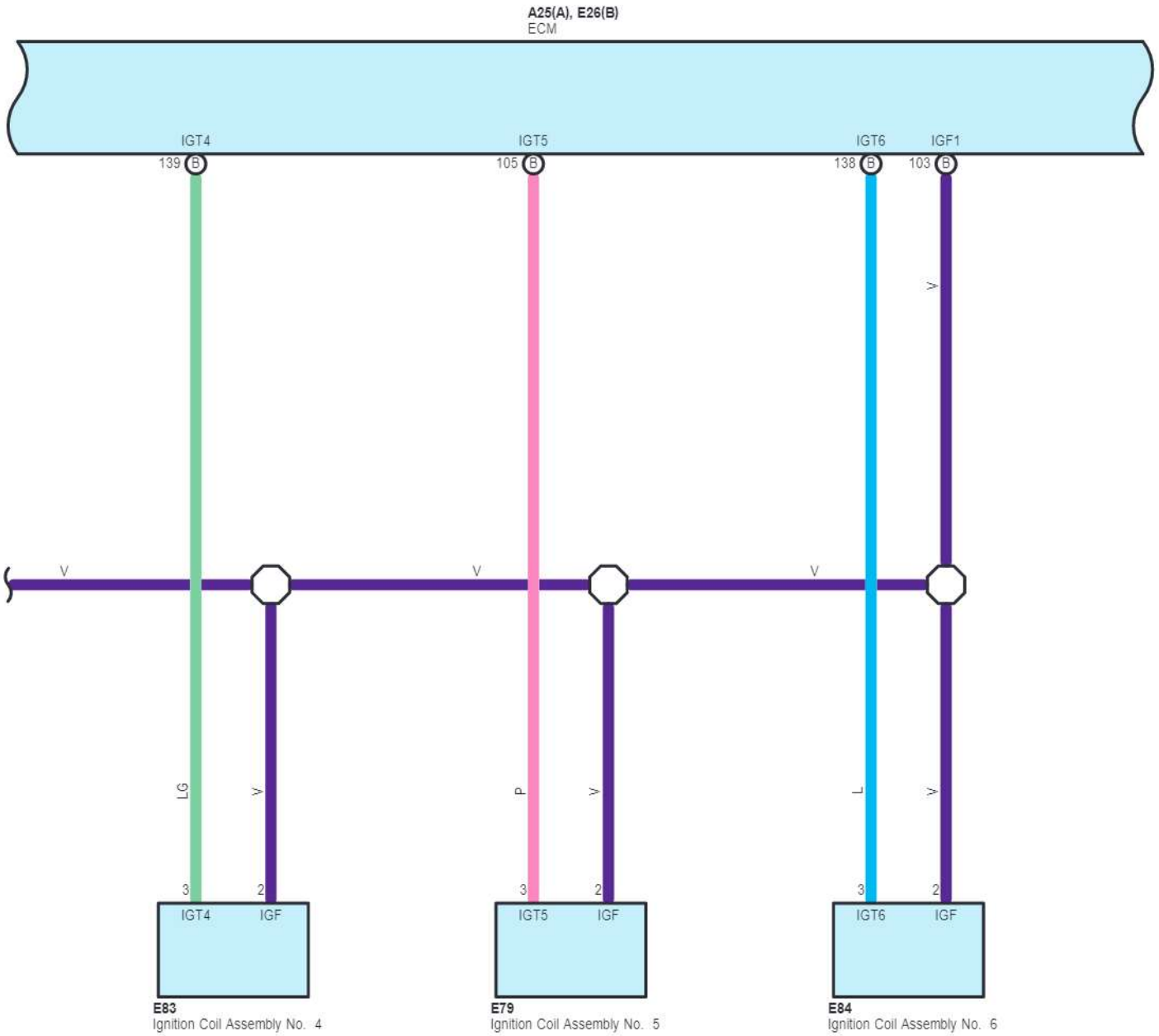

A25(A), E26(B)
ECM
STP
VPA
EPA
VCPA
VPA2
EPA2
VCP2
EC
51
54
55
56
57
58
59
14
BE
G
Y
P
R
BE
L
W-B
3
1
2
A71(A)
Junction Connector
R
B
6
5
4
3
2
1
VPA
EPA
VCPA
VPA2
EPA2
VCP2
A36
Accelerator Pedal Sensor Assembly
R
B
B
B
5
A73
Junction
Connector
A2


A25(A), E26(B)
ECM
#10
#20
#30
#40
#50
#60
58 (B)
54 (B)
57 (B)
53 (B)
56 (B)
55 (B)
(IG)
7. 5A
INJ
3 1A
B
R
Y
L
P
G
W
1
2
E30 Fuel Injector Assembly No. 1
E34 Fuel Injector Assembly No. 2
E32 Fuel Injector Assembly No. 3
E35 Fuel Injector Assembly No. 4
E33 Fuel Injector Assembly No. 5
E36 Fuel Injector Assembly No. 6

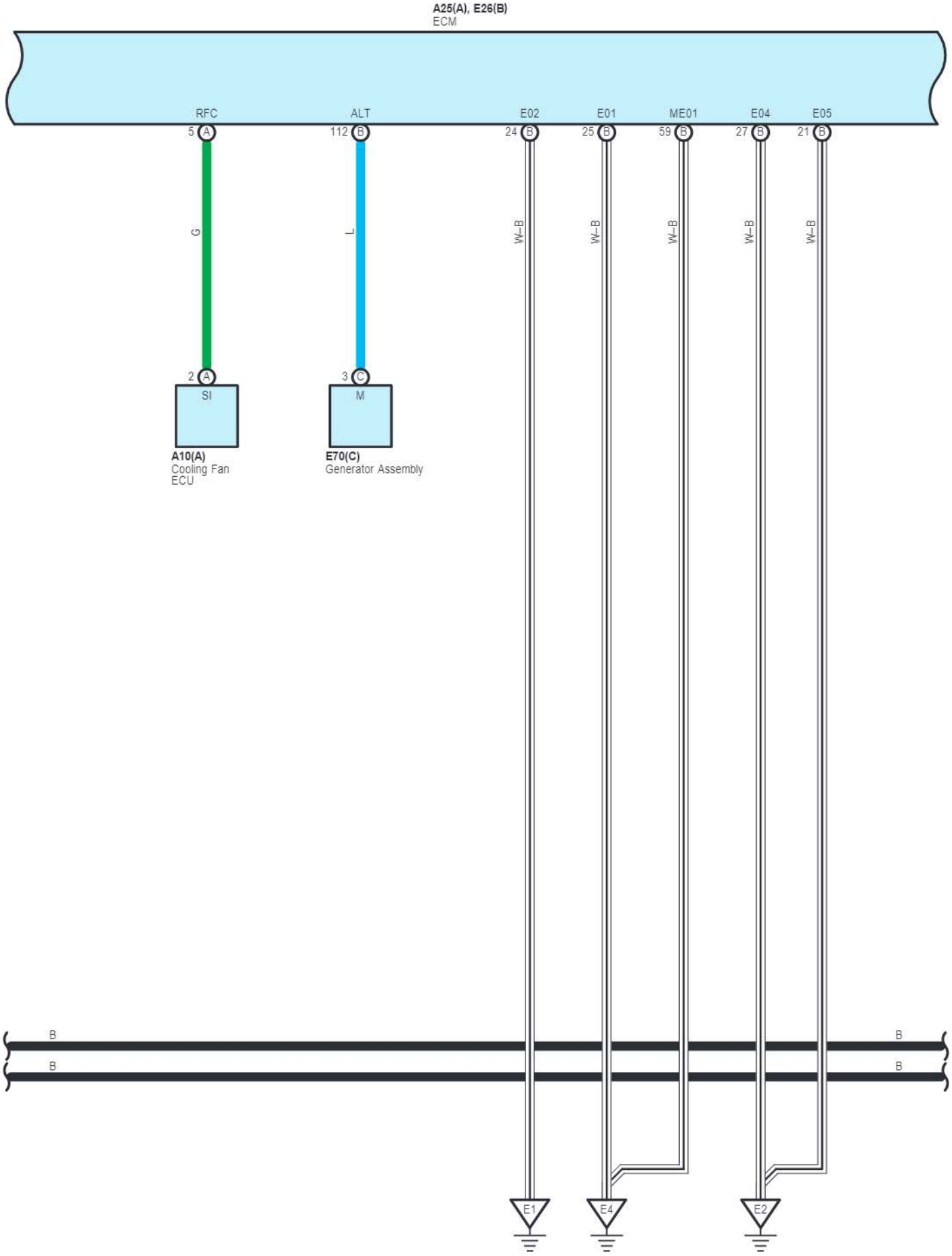
B
B
B
B

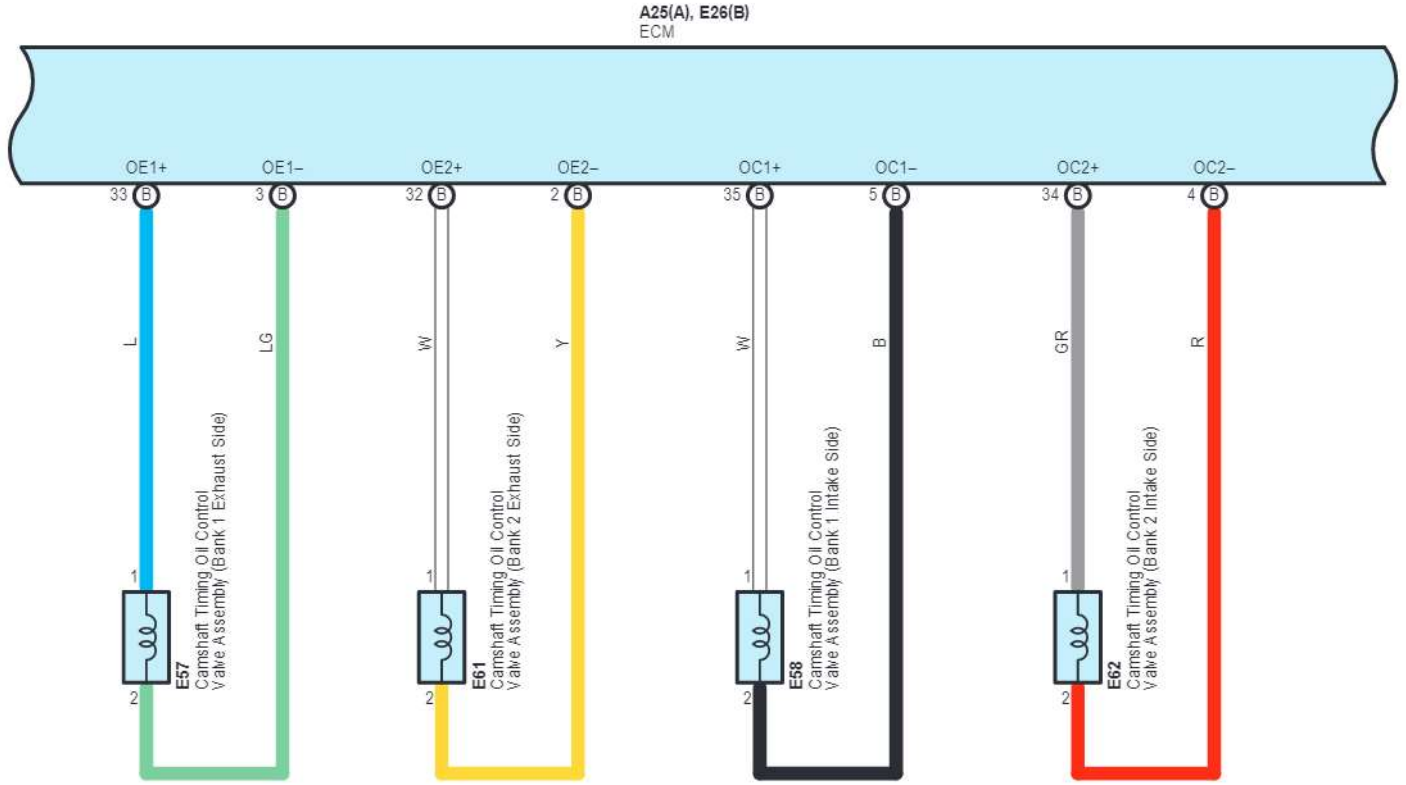

A25(A), E26(B)
ECM
IGT1
IGT2
IGT3
107
140
106
B
V
W
G
3
2
IGT1
IGF
IGT2
IGF
IGT3
IGF
E77
Ignition Coil Assembly No. 1
E81
Ignition Coil Assembly No. 2
E78
Ignition Coil Assembly No. 3


B
B
B
B

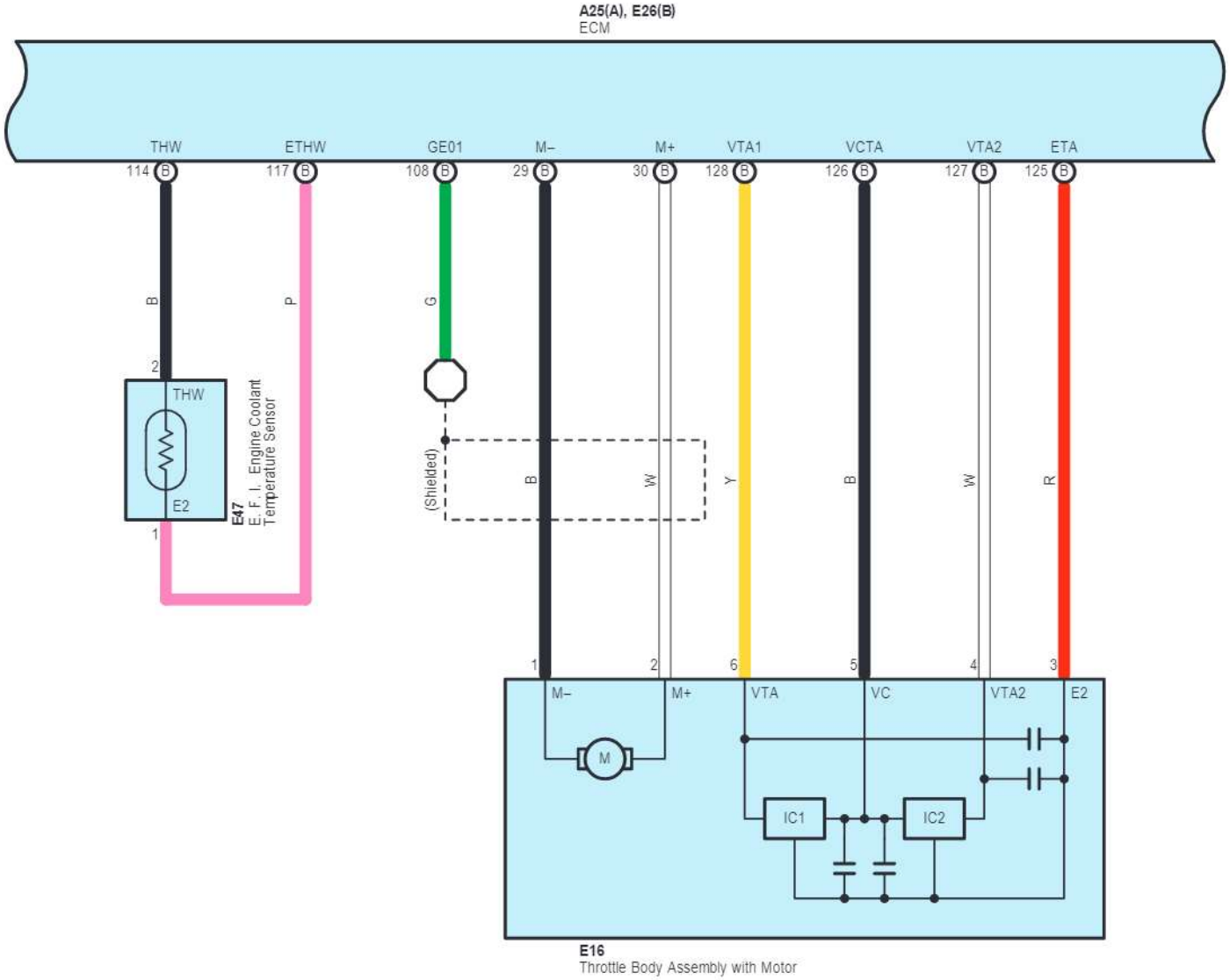

A25(A), E26(B)
ECM
IGT4
139 B
IGT5
105 B
IGT6
138 B
IGF1
103 B
V
V
V
V
LG
V
P
V
L
V
3
2
IGT4
IGF
3
2
IGT5
IGF
3
2
IGT6
IGF
E83
Ignition Coil Assembly No. 4
E79
Ignition Coil Assembly No. 5
E84
Ignition Coil Assembly No. 6


B
B
B
B

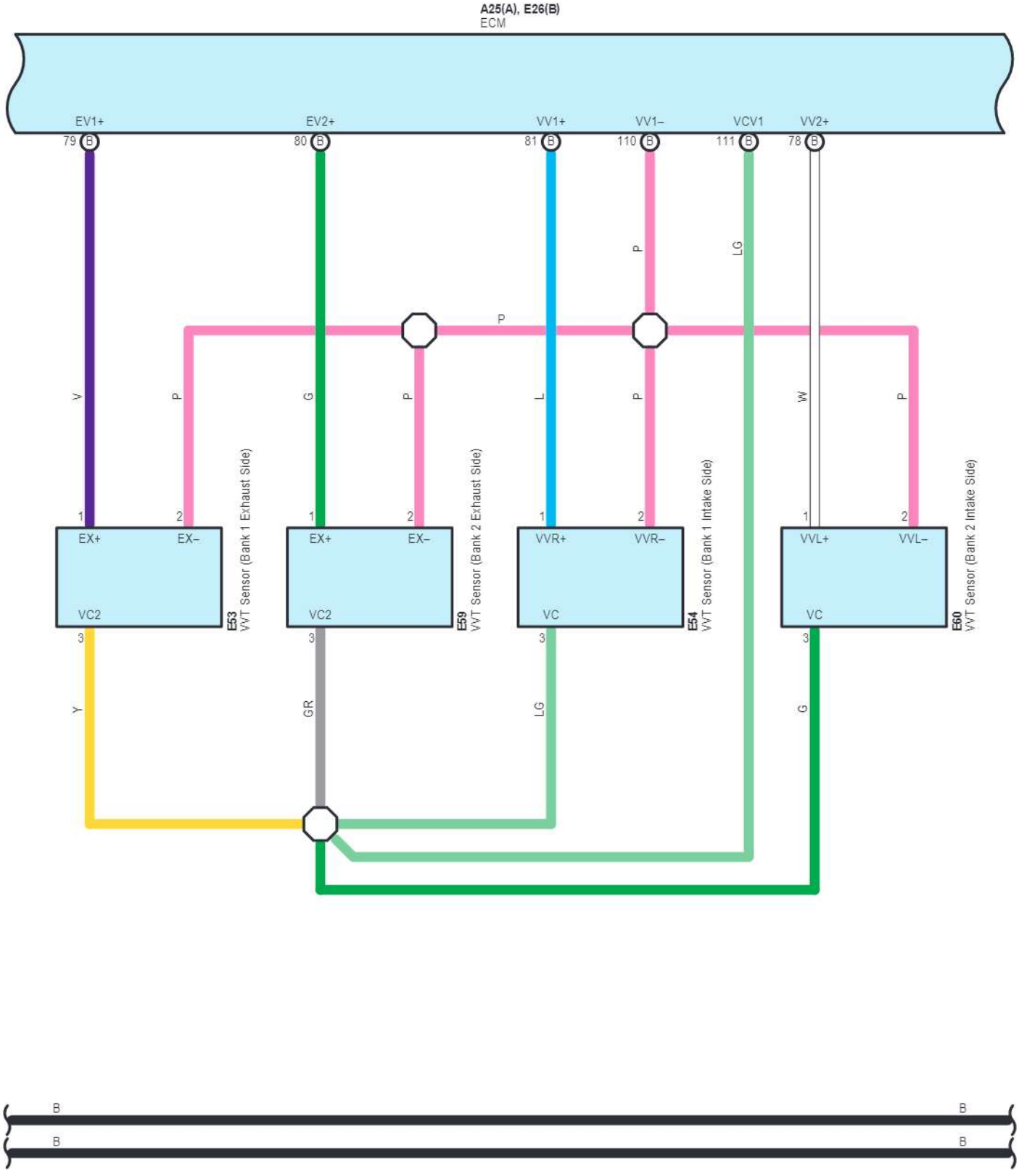

A25(A), E26(B)
ECM
RFC
ALT
E02
E01
ME01
E04
E05
5 A
112 B
24 B
25 B
59 B
27 B
21 B
G
L
W-B
2 A
3 C
SI
M
A10(A)
Cooling Fan ECU
E70(C)
Generator Assembly
B
B
B
B
E1
E4
E2

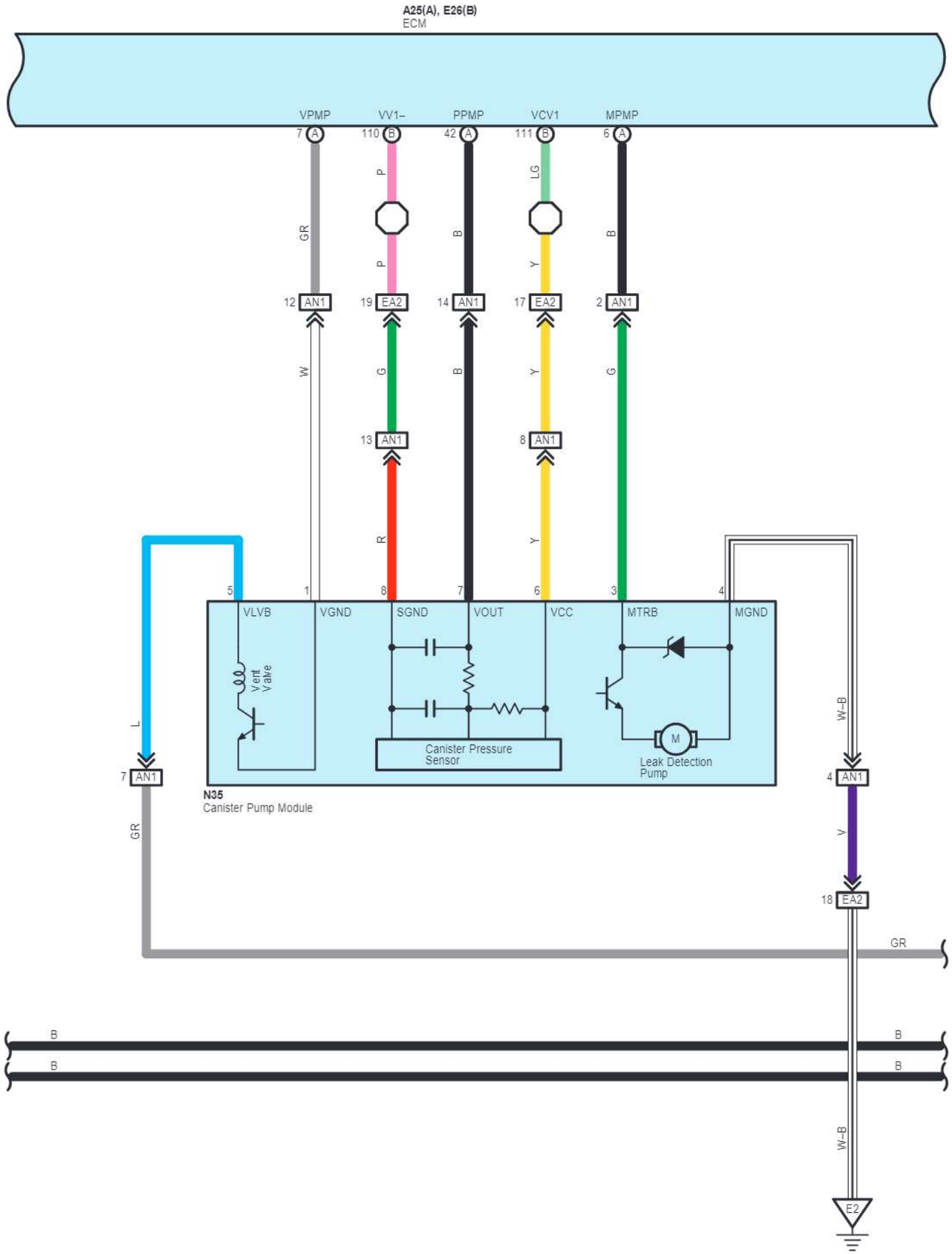

A25(A), E26(B)
ECM
OE1+
OE1–
OE2+
OE2–
OC1+
OC1–
OC2+
OC2–
33 (B)
3 (B)
32 (B)
2 (B)
35 (B)
5 (B)
34 (B)
4 (B)
L
LG
W
Y
W
B
GR
R
1
2
E57
Camshaft Timing Oil Control Valve Assembly (Bank 1 Exhaust Side)
E61
Camshaft Timing Oil Control Valve Assembly (Bank 2 Exhaust Side)
E58
Camshaft Timing Oil Control Valve Assembly (Bank 1 Intake Side)
E62
Camshaft Timing Oil Control Valve Assembly (Bank 2 Intake Side)

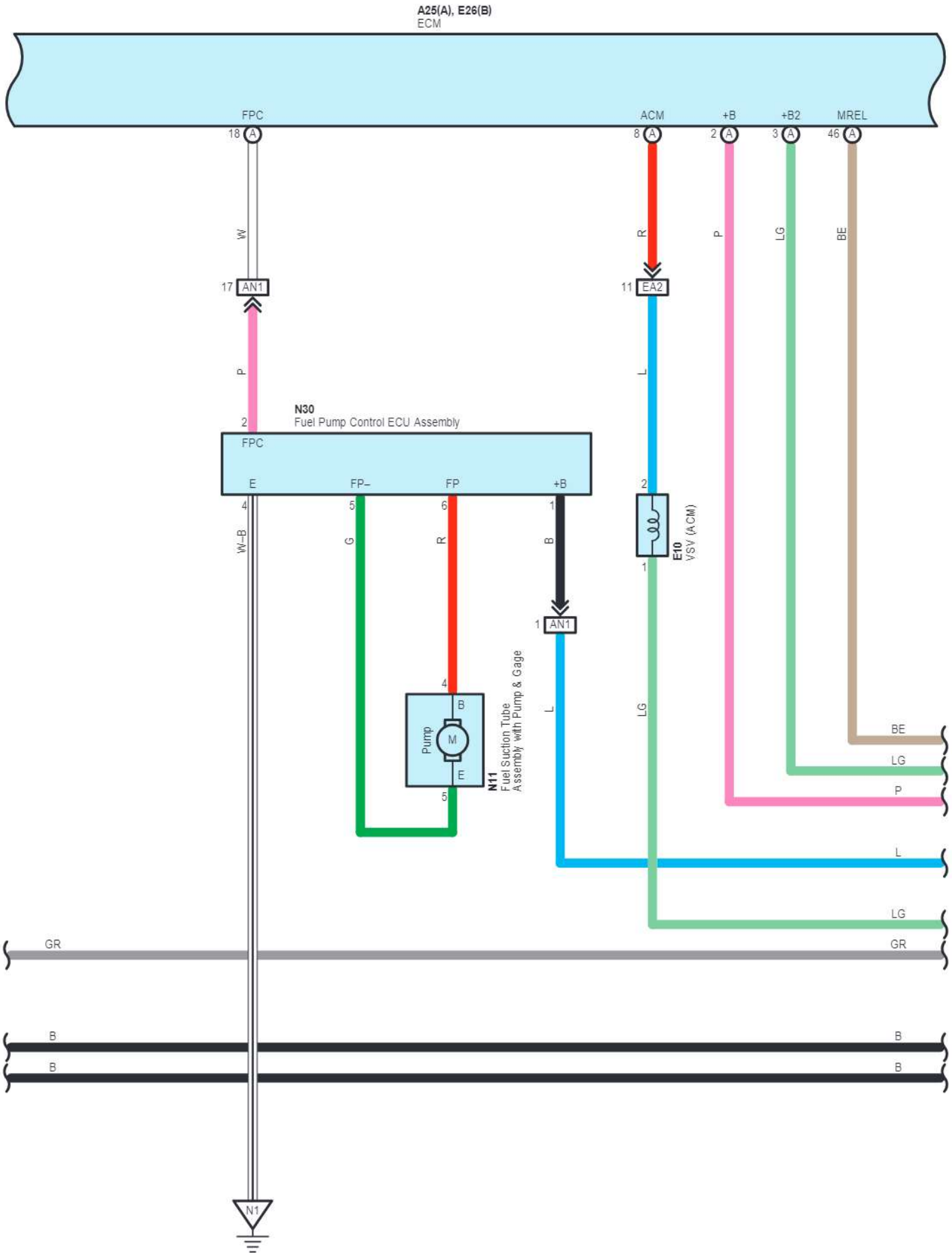

B
B
B
B

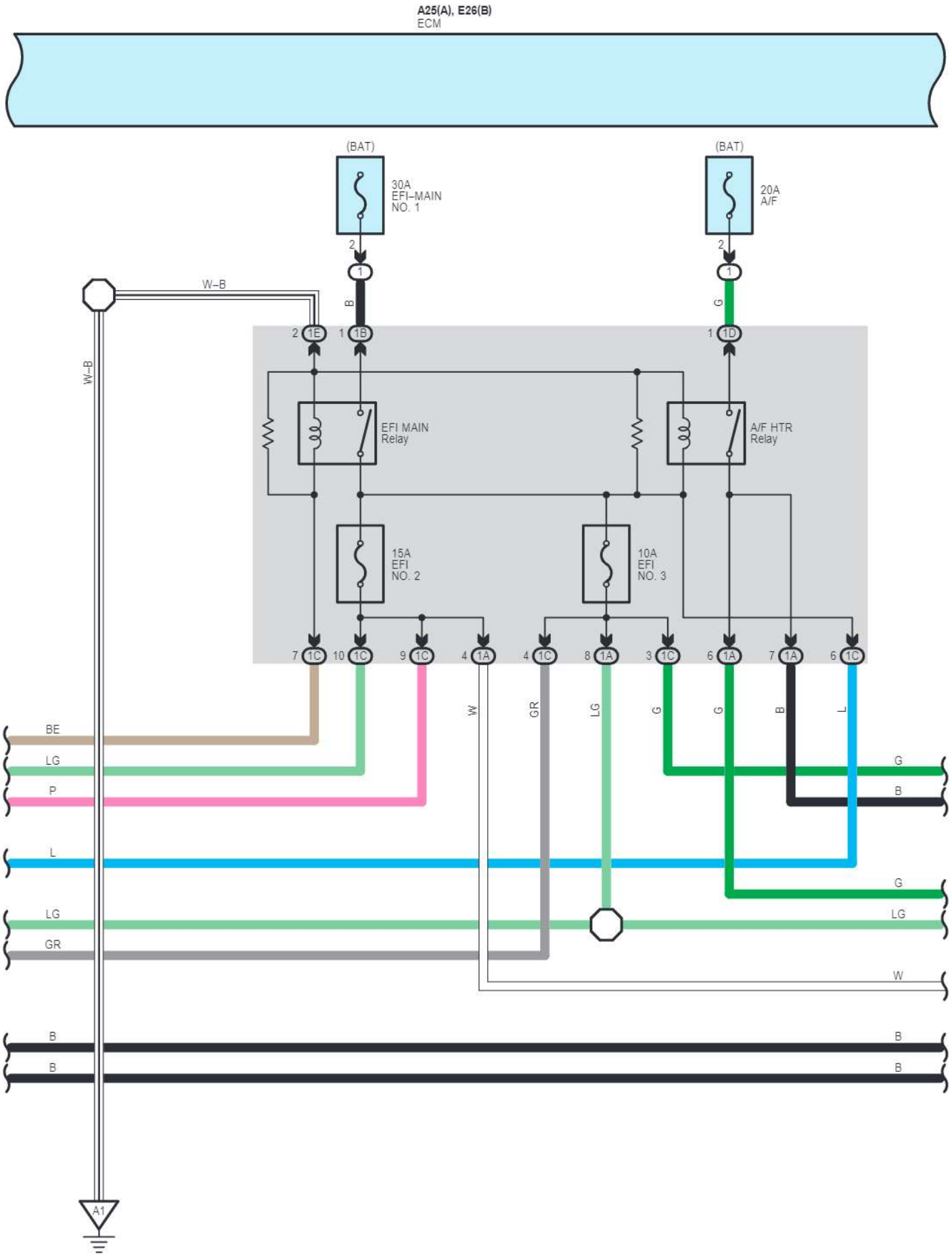

A25(A), E26(B)
ECM
THW
ETHW
GE01
M–
M+
VTA1
VCTA
VTA2
ETA
114 B
117 B
108 B
29 B
30 B
128 B
126 B
127 B
125 B
B
P
G
B
W
Y
B
W
R
(Shielded)
2
THW
E2
1
E47
E. F. I. Engine Coolant Temperature Sensor
1
2
6
5
4
3
M–
M+
VTA
VC
VTA2
E2
M
IC1
IC2
E16
Throttle Body Assembly with Motor

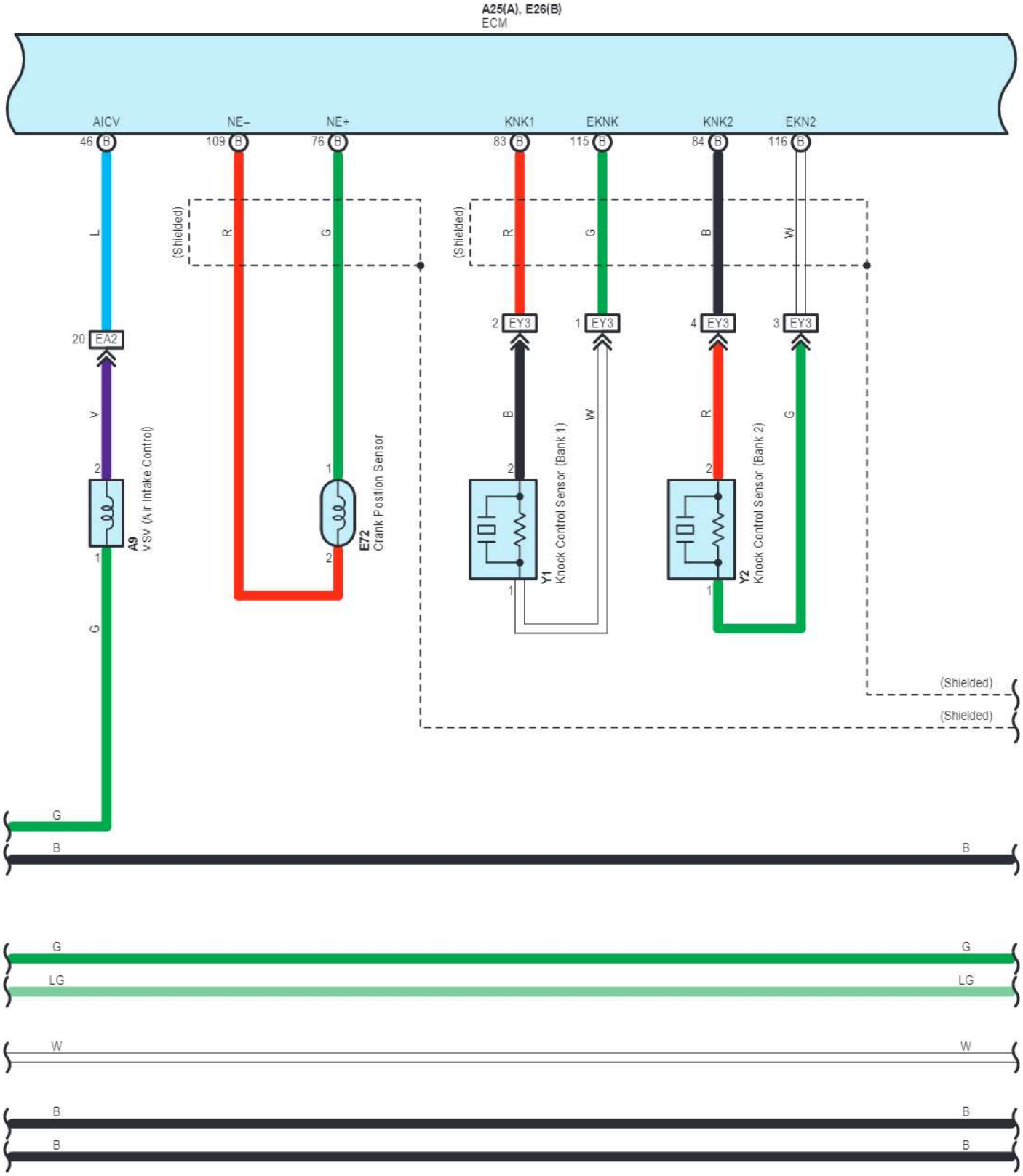

B
B
B
B

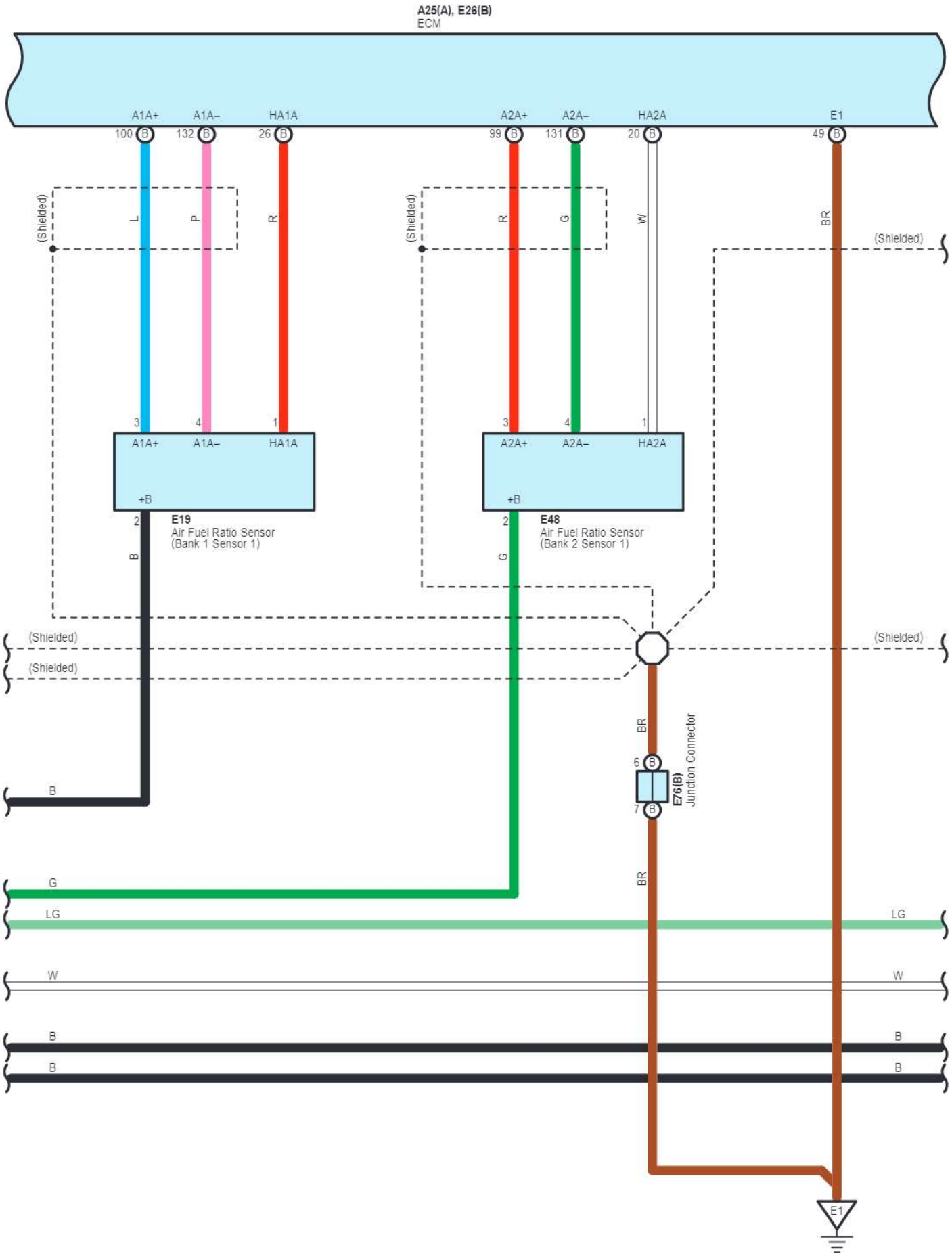

A25(A), E26(B)
ECM
EV1+
79 B
EV2+
80 B
VV1+
81 B
VV1–
110 B
VCV1
111 B
VV2+
78 B
V
P
G
P
P
L
P
P
W
P
LG
1
2
EX+
EX–
VC2
3
E53
VVT Sensor (Bank 1 Exhaust Side)
E59
VVT Sensor (Bank 2 Exhaust Side)
VVR+
VVR–
VC
E54
VVT Sensor (Bank 1 Intake Side)
VVL+
VVL–
E60
VVT Sensor (Bank 2 Intake Side)
Y
GR
LG
G
B
B
B
B

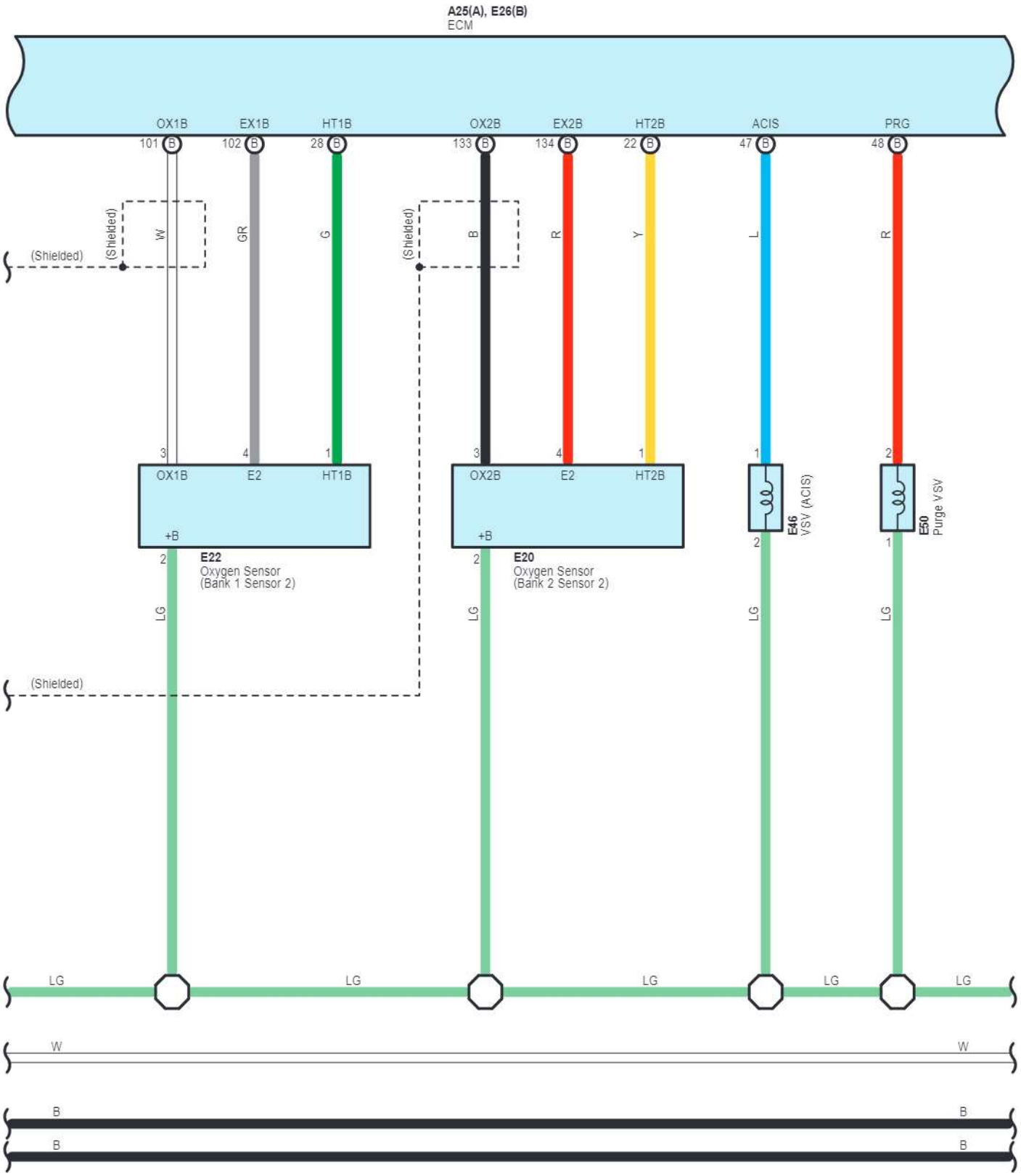

A25(A), E26(B)
ECM
VPMP
VV1–
PPMP
VCV1
MPMP
7 A
110 B
42 A
111 B
6 A
GR
P
P
B
LG
Y
B
12 AN1
19 EA2
14 AN1
17 EA2
2 AN1
W
G
B
Y
G
13 AN1
8 AN1
R
Y
5
1
8
7
6
3
4
VLVB
VGND
SGND
VOUT
VCC
MTRB
MGND
Vent Valve
Canister Pressure Sensor
M
Leak Detection Pump
L
7 AN1
GR
N35
Canister Pump Module
W–B
4 AN1
V
18 EA2
GR
B
B
B
B
W–B
E2

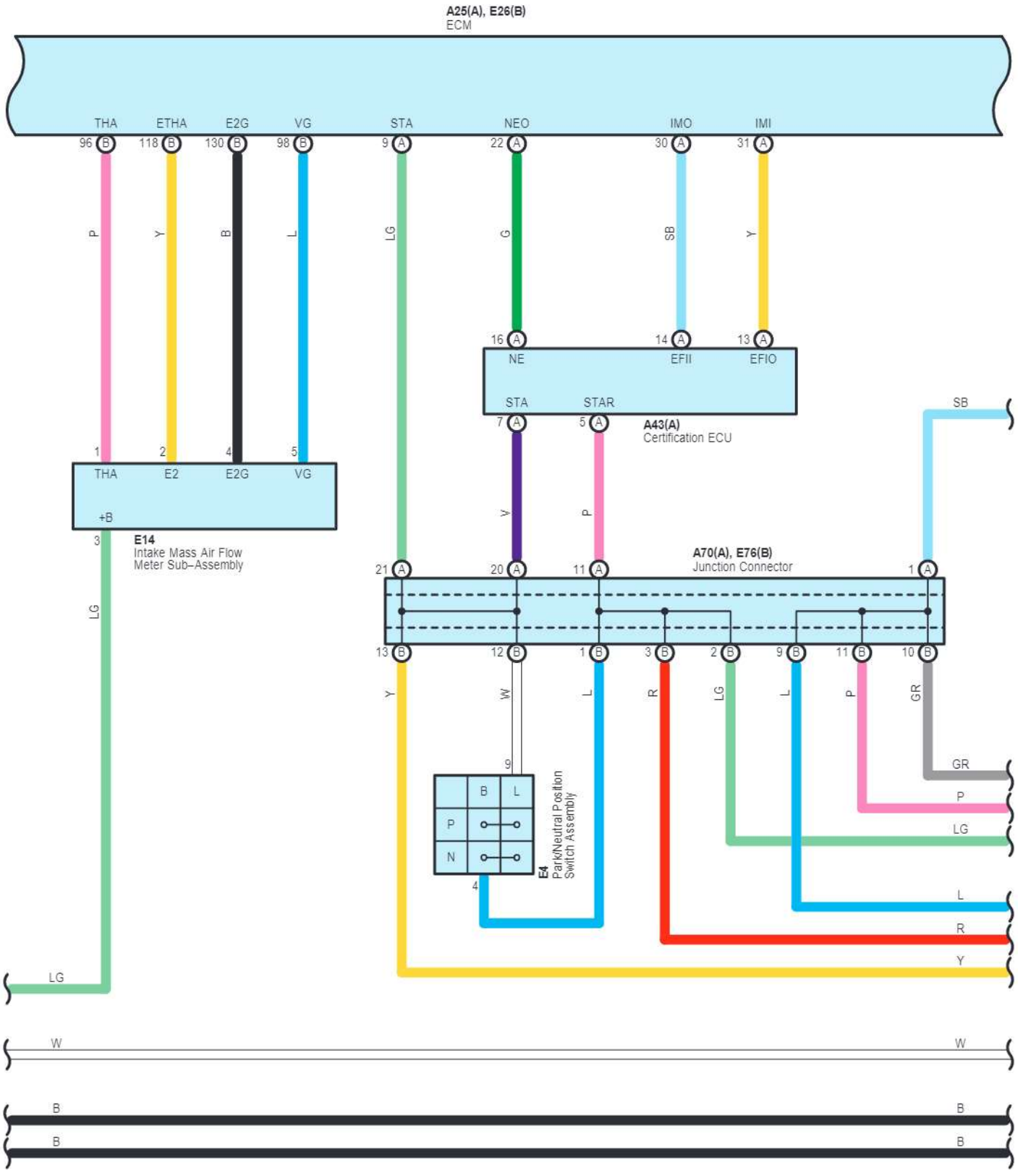

A25(A), E26(B)
ECM
FPC
18 A
ACM
8 A
+B
2 A
+B2
3 A
MREL
46 A
W
17 AN1
R
11 EA2
P
LG
BE
P
2
L
N30
Fuel Pump Control ECU Assembly
FPC
E
FP–
FP
+B
4
5
6
1
W–B
G
R
B
2
E10
VSV (ACM)
1
1 AN1
4
B
Pump
M
E
5
N11
Fuel Suction Tube
Assembly with Pump & Gage
L
LG
BE
LG
P
L
LG
GR
GR
B
B
B
B
N1

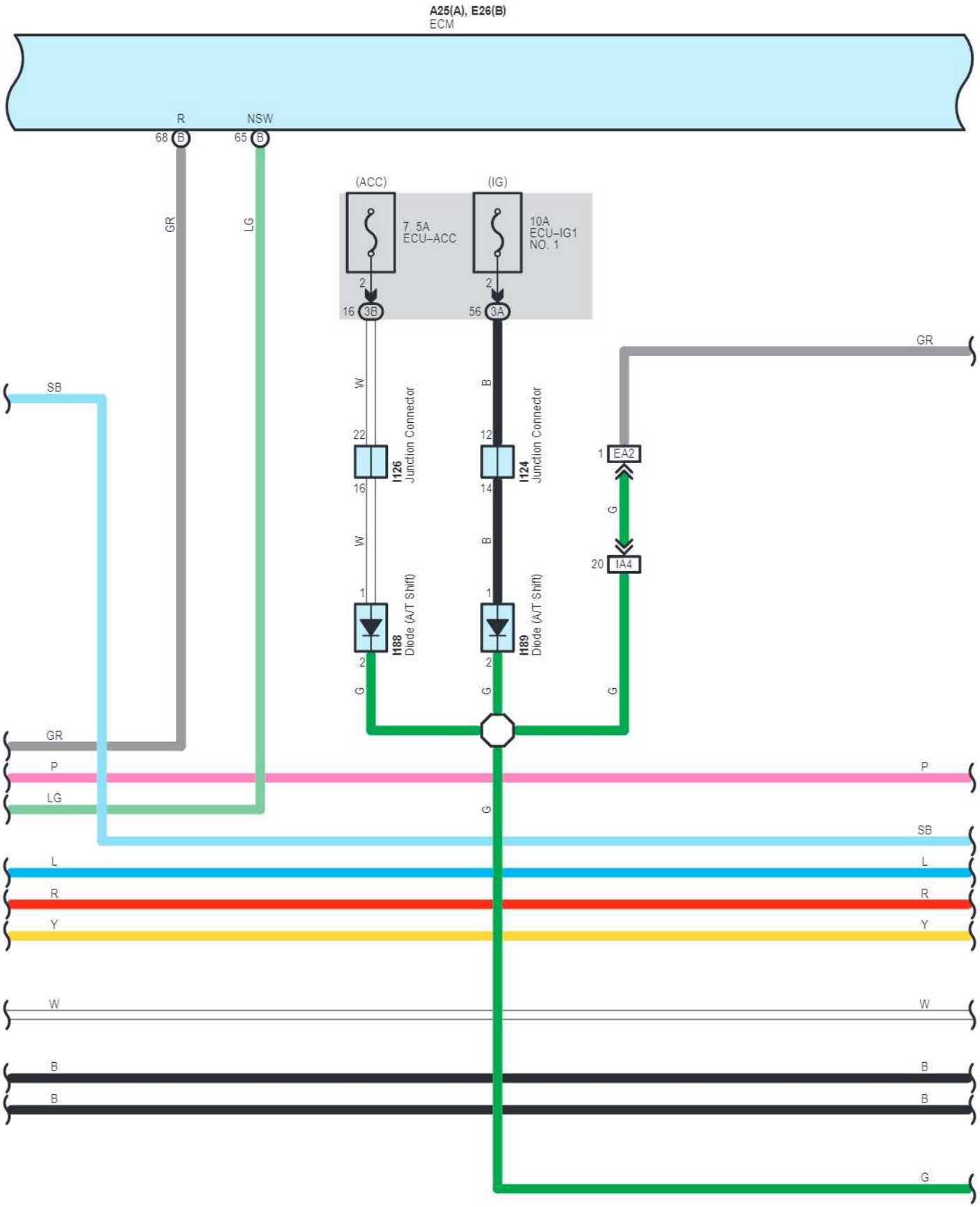

A25(A), E26(B)
ECM
(BAT)
30A
EFI–MAIN
NO. 1
(BAT)
20A
A/F
W–B
EFI MAIN
Relay
A/F HTR
Relay
15A
EFI
NO. 2
10A
EFI
NO. 3
BE
LG
P
L
LG
GR
W
G
B
G
LG
W
B
B
A1

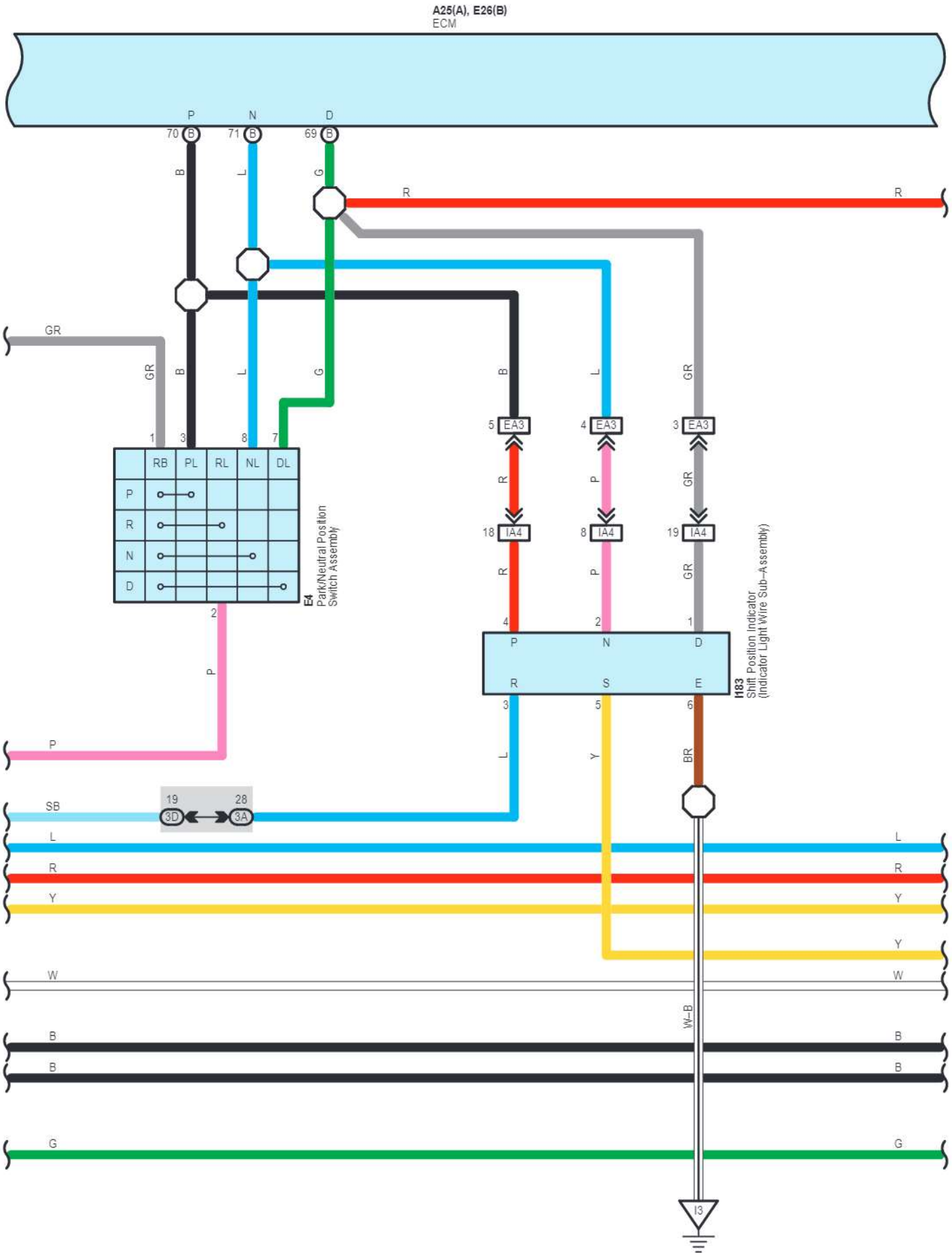

A25(A), E26(B)
ECM
AICV
NE−
NE+
KNK1
EKNK
KNK2
EKN2
46 B
109 B
76 B
83 B
115 B
84 B
116 B
(Shielded)
L
R
G
R
G
B
W
20 EA2
2 EY3
1 EY3
4 EY3
3 EY3
V
B
W
R
G
2
1
A9
VSV (Air Intake Control)
E72
Crank Position Sensor
Y1
Knock Control Sensor (Bank 1)
Y2
Knock Control Sensor (Bank 2)
(Shielded)
(Shielded)
G
B
G
LG
W
B
B

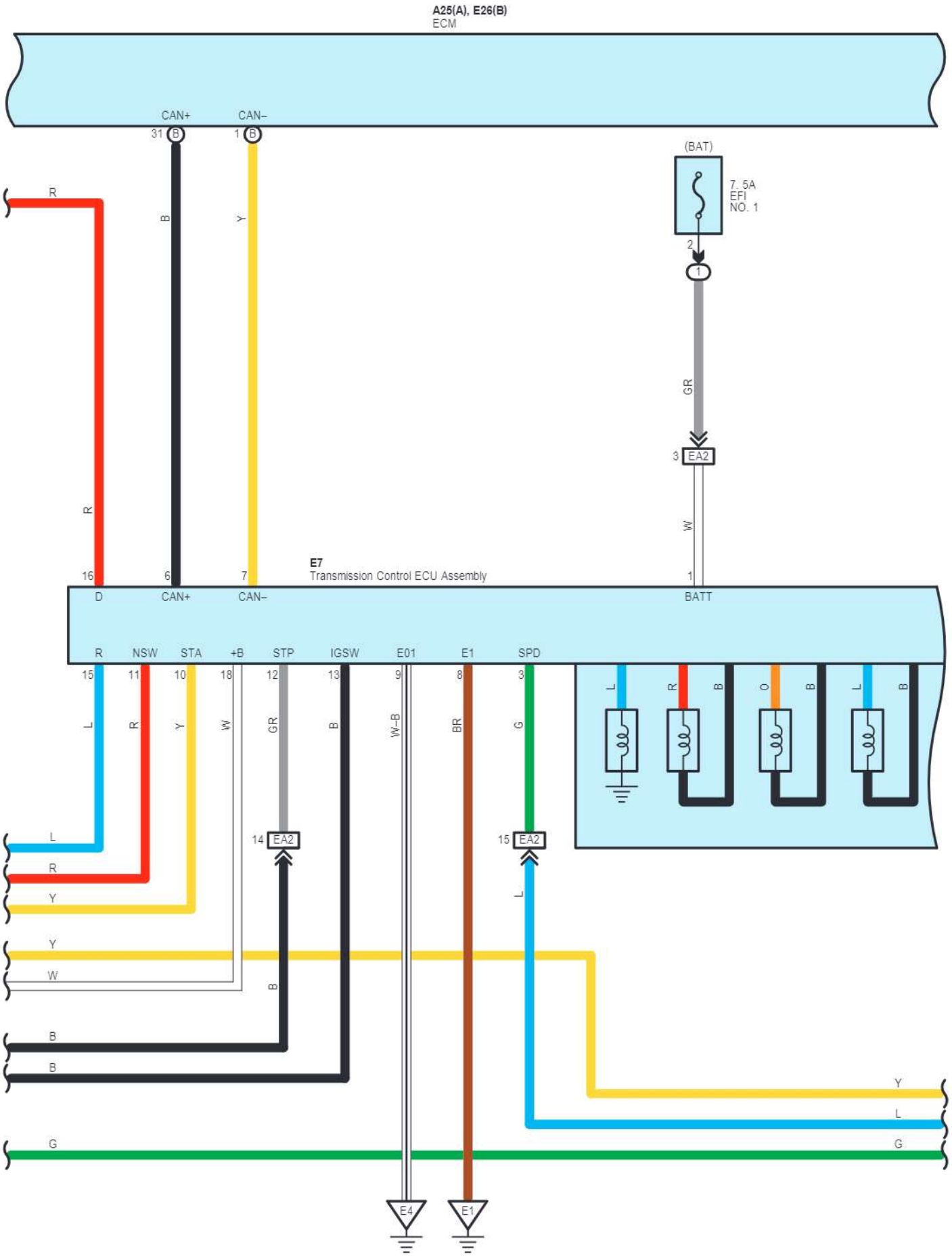

A25(A), E26(B)
ECM
A1A+
A1A–
HA1A
A2A+
A2A–
HA2A
E1
100
132
26
99
131
20
49
(Shielded)
L
P
R
G
W
BR
3
4
1
2
+B
E19
Air Fuel Ratio Sensor
(Bank 1 Sensor 1)
E48
Air Fuel Ratio Sensor
(Bank 2 Sensor 1)
B
6
7
E76(B)
Junction Connector
LG
E1


A25(A), E26(B)
ECM
OX1B
EX1B
HT1B
OX2B
EX2B
HT2B
ACIS
PRG
101
102
28
133
134
22
47
48
(Shielded)
W
GR
G
B
R
Y
L
R
3
4
1
OX1B
E2
HT1B
+B
2
E22
Oxygen Sensor
(Bank 1 Sensor 2)
LG
OX2B
E2
HT2B
E20
Oxygen Sensor
(Bank 2 Sensor 2)
E46
VSV (ACIS)
E50
Purge VSV
W
B


A25(A), E26(B)
ECM
THA
ETHA
E2G
VG
STA
NEO
IMO
IMI
96 B
118 B
130 B
98 B
9 A
22 A
30 A
31 A
P
Y
B
L
LG
G
SB
Y
16 A
14 A
13 A
NE
EFII
EFIO
STA
STAR
7 A
5 A
A43(A)
Certification ECU
SB
1
2
4
5
THA
E2
E2G
VG
+B
3
E14
Intake Mass Air Flow
Meter Sub–Assembly
LG
V
P
21 A
20 A
11 A
A70(A), E76(B)
Junction Connector
1 A
13 B
12 B
1 B
3 B
2 B
9 B
11 B
10 B
Y
W
L
R
LG
L
P
GR
9
B
L
P
N
4
E4
Park/Neutral Position
Switch Assembly
GR
P
LG
L
R
Y
LG
W
W
B
B
B
B


A25(A), E26(B)
ECM
R
NSW
68 B
65 B
GR
LG
(ACC)
(IG)
7. 5A
ECU–ACC
10A
ECU–IG1
NO. 1
2
16 3B
2
56 3A
W
B
22
12
I126
Junction Connector
I124
Junction Connector
16
14
1
1
I188
Diode (A/T Shift)
I189
Diode (A/T Shift)
2
2
G
G
G
1 EA2
20 IA4
SB
GR
P
LG
L
R
Y
W
B
B
GR
P
G
SB
L
R
Y
W
B
B
G

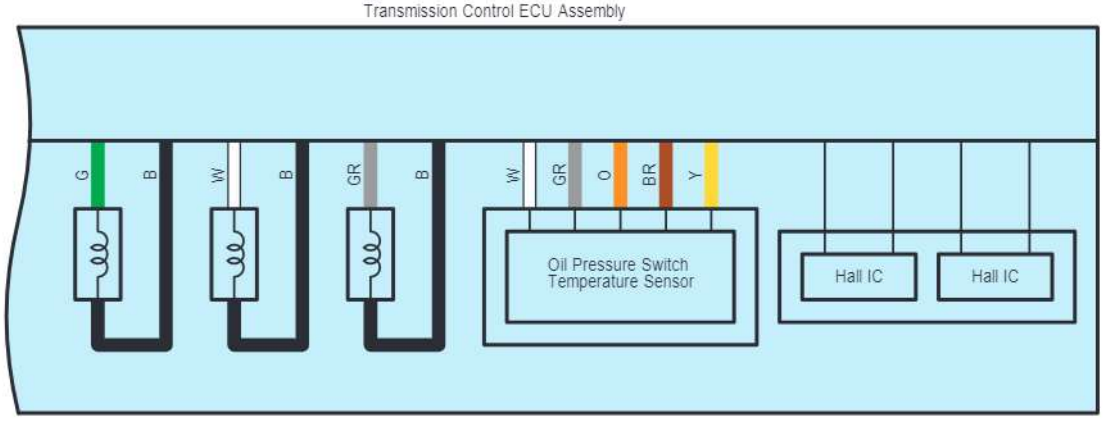

A25(A), E26(B)
ECM
P
N
D
70 B
71 B
69 B
B
L
G
R
R
GR
GR
B
L
G
B
L
GR
5 EA3
4 EA3
3 EA3
1
3
8
7
RB
PL
RL
NL
DL
P
R
N
D
E4
Park/Neutral Position Switch Assembly
2
P
R
P
GR
18 IA4
8 IA4
19 IA4
R
P
GR
4
2
1
P
N
D
R
S
E
I183
Shift Position Indicator (Indicator Light Wire Sub-Assembly)
3
5
6
L
Y
BR
P
SB
19
28
3D
3A
L
L
R
R
Y
Y
Y
W
W
W-B
B
B
B
B
G
G
I3


A25(A), E26(B)
ECM
CAN+
CAN–
31
1
(BAT)
7. 5A
EFI
NO. 1
2
1
GR
3
EA2
W
R
B
Y
R
16
6
7
1
E7
Transmission Control ECU Assembly
D
CAN+
CAN–
BATT
R
NSW
STA
+B
STP
IGSW
E01
E1
SPD
15
11
10
18
12
13
9
8
3
L
R
Y
W
GR
B
W–B
BR
G
L
R
B
O
B
L
B
14
EA2
15
EA2
L
R
Y
Y
W
B
B
Y
L
G
G
E4
E1

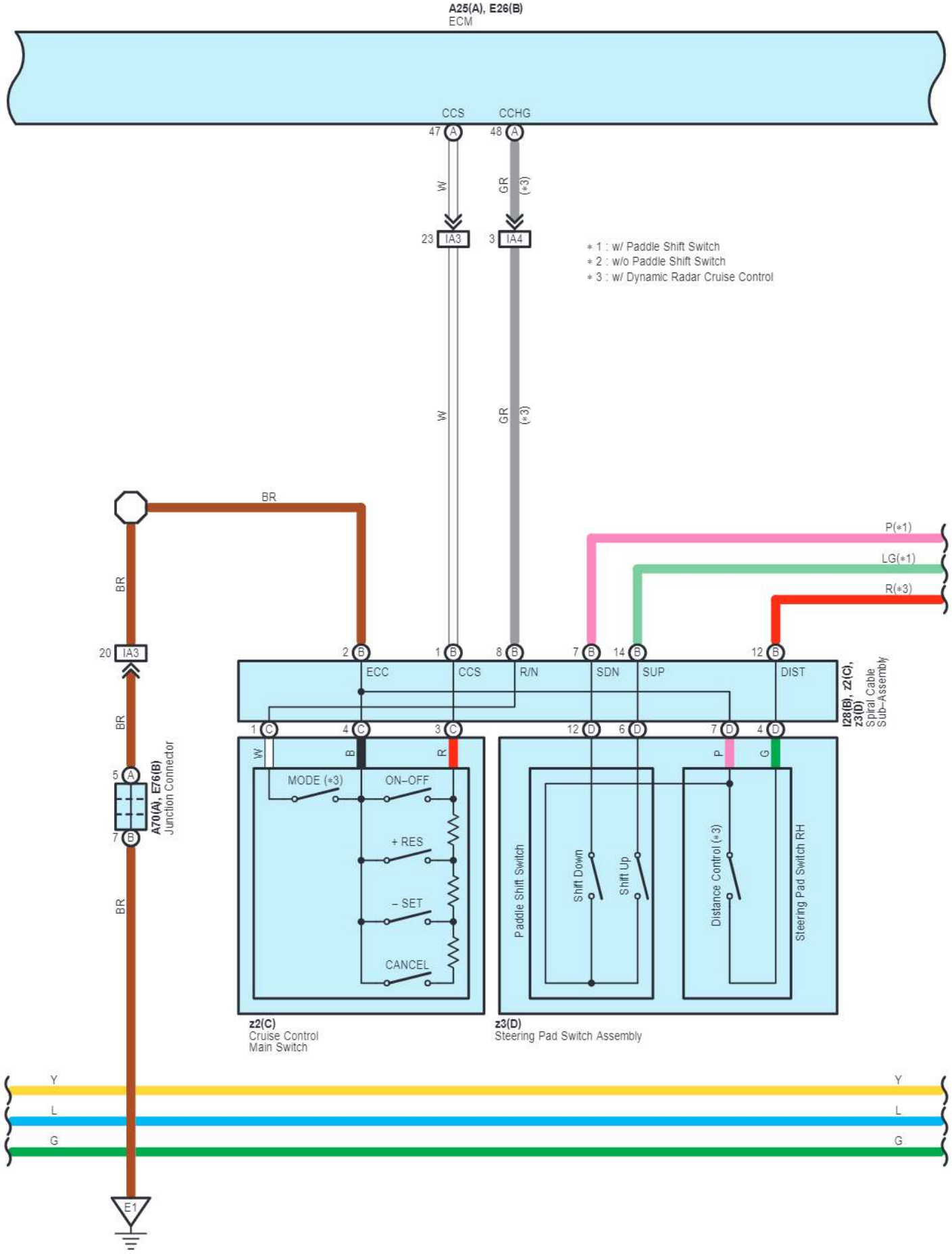
A25(A), E26(B)
ECM

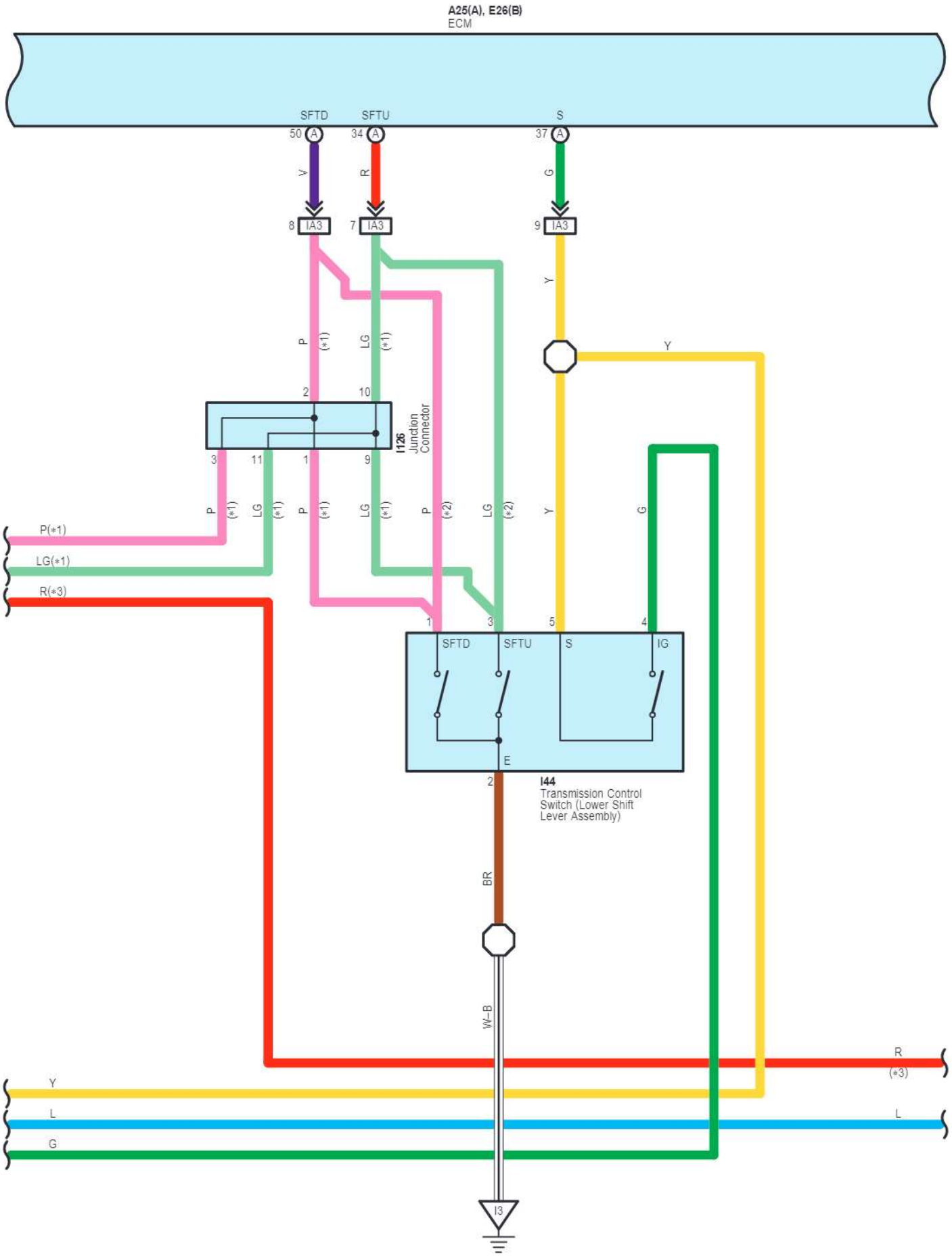


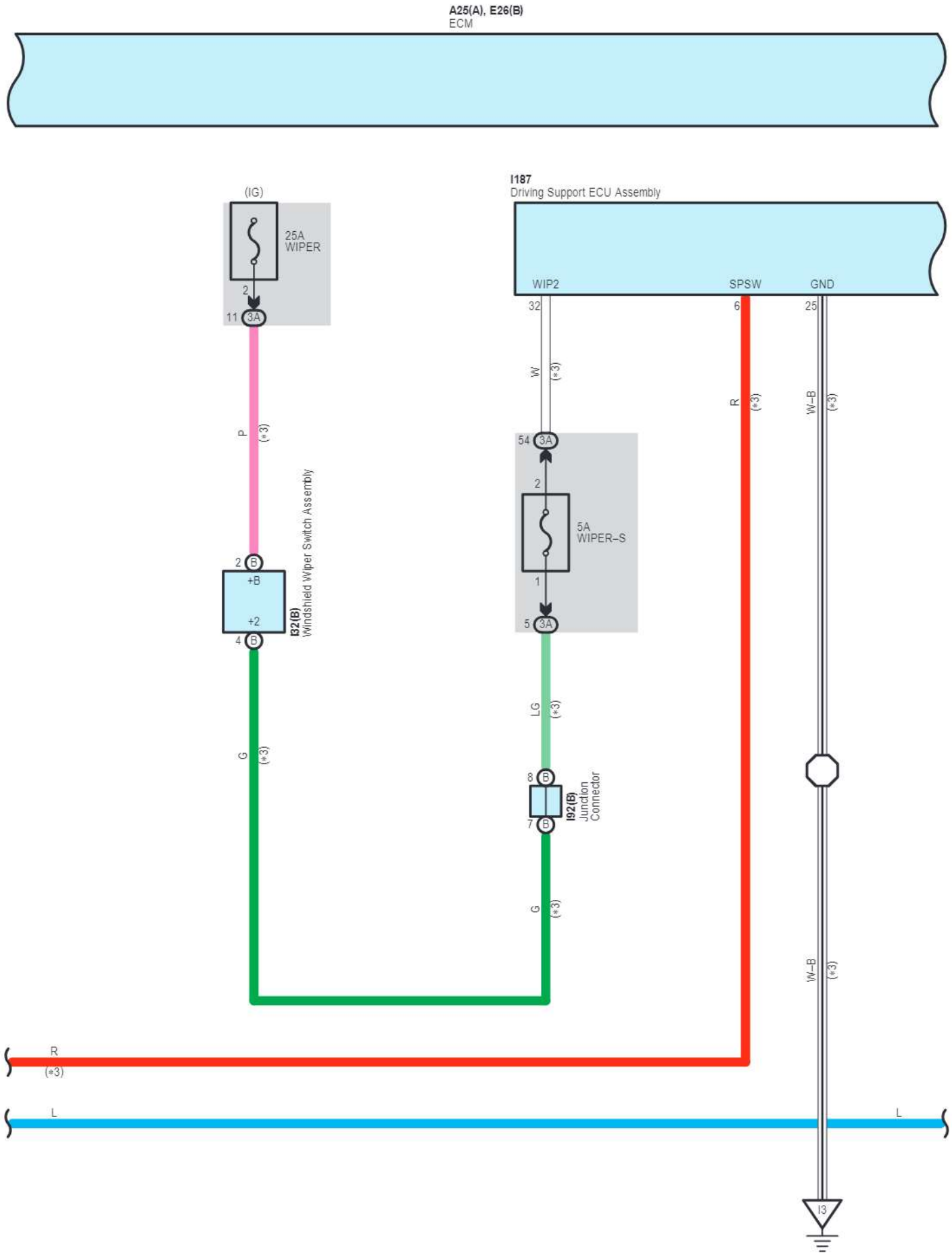
E7
Transmission Control ECU Assembly

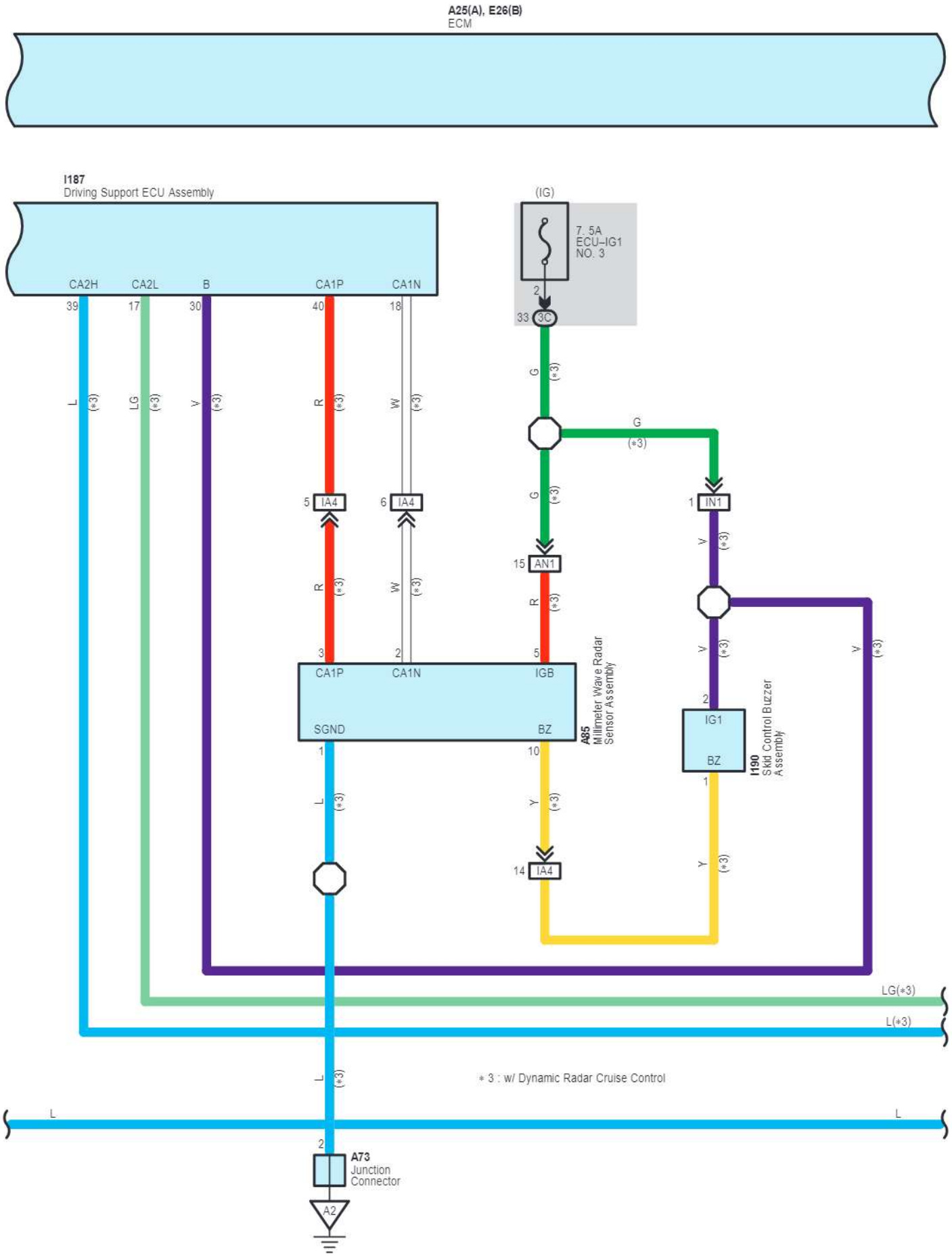


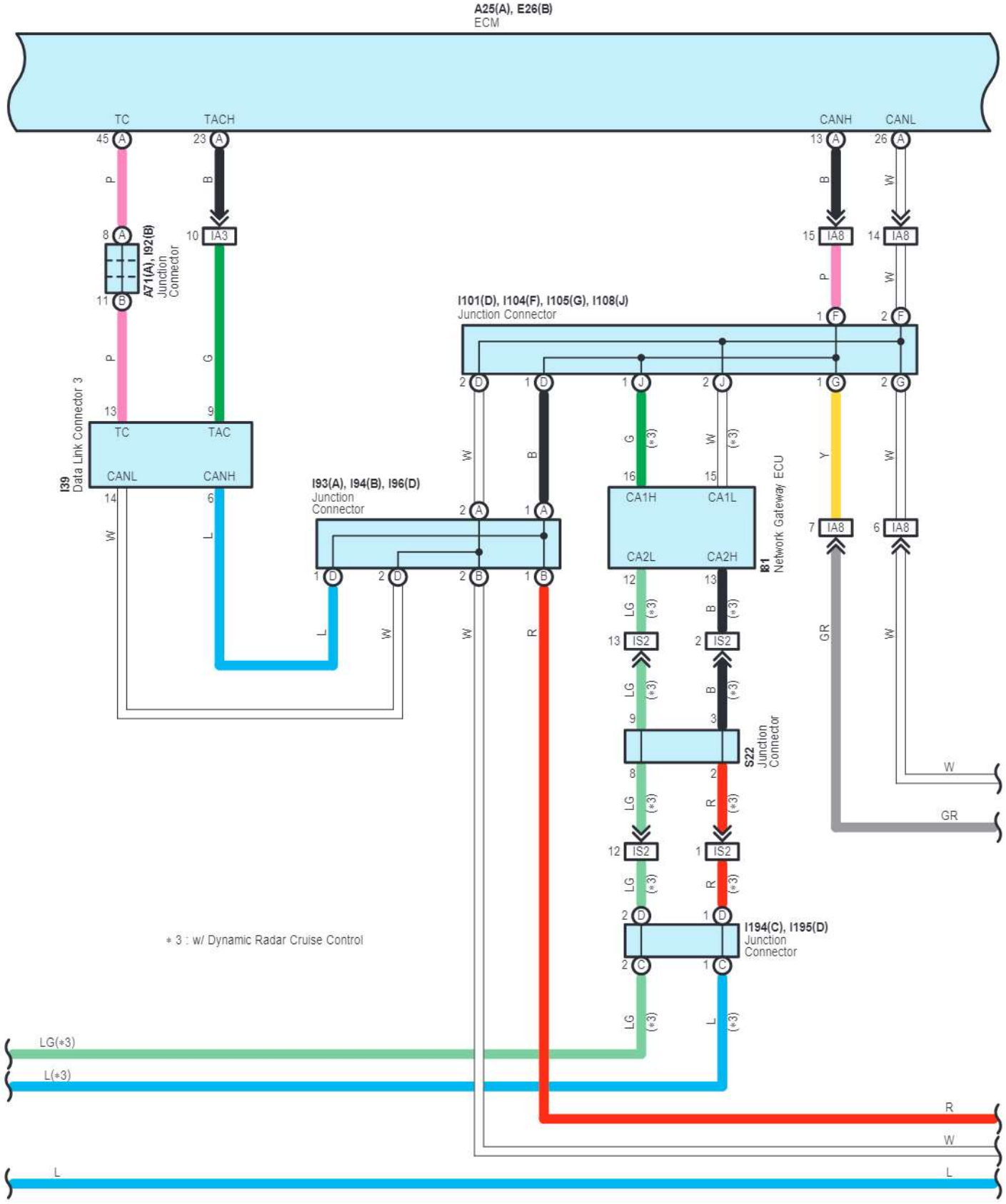


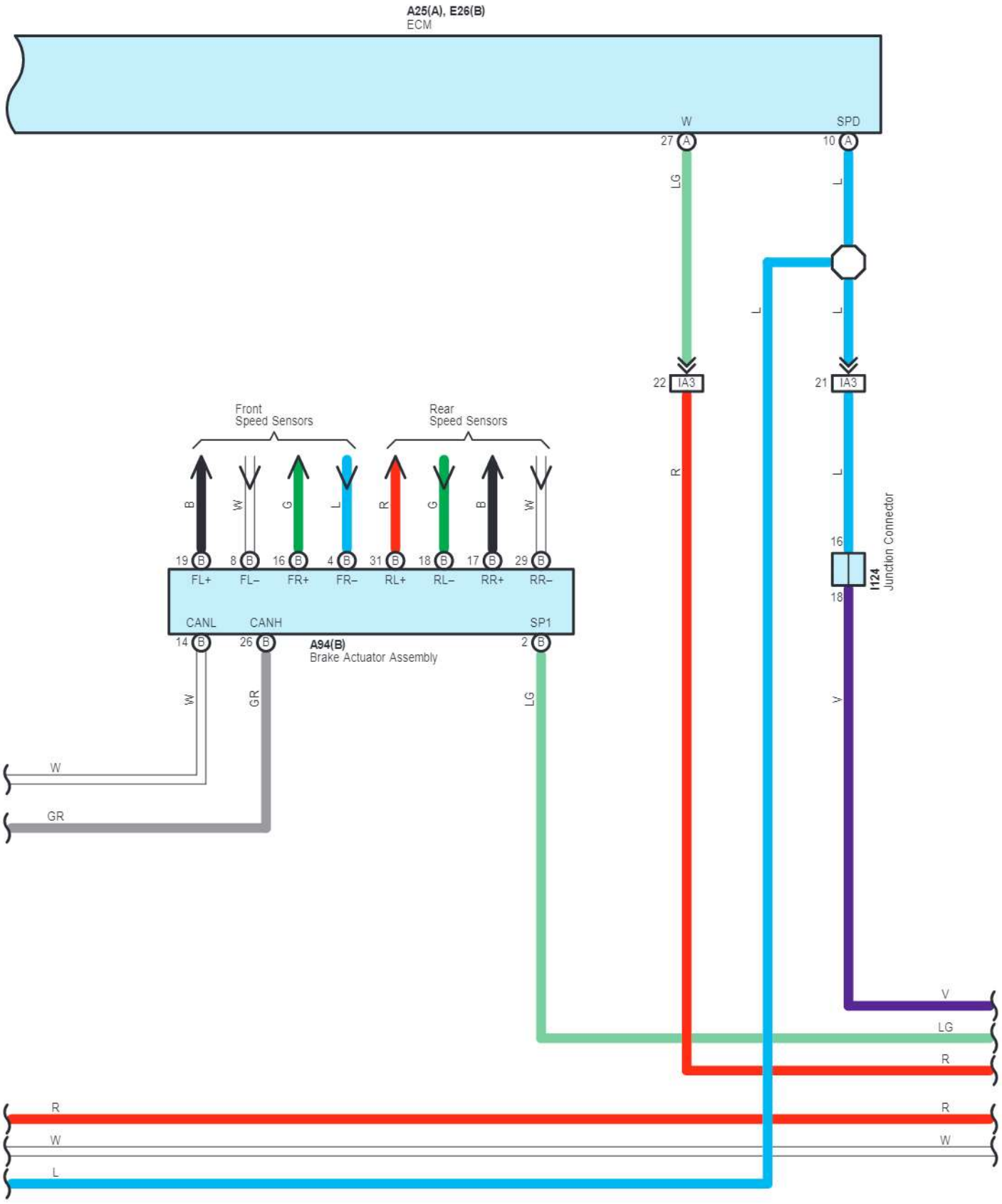

A25(A), E26(B)
ECM
CCS
CCHG
47 A
48 A
W
GR (*3)
23 IA3
3 IA4
* 1 : w/ Paddle Shift Switch
* 2 : w/o Paddle Shift Switch
* 3 : w/ Dynamic Radar Cruise Control
BR
P(*1)
LG(*1)
R(*3)
20 IA3
2 B
1 B
8 B
7 B
14 B
12 B
ECC
CCS
R/N
SDN
SUP
DIST
I28(B), z2(C), z3(D)
Spiral Cable Sub-Assembly
1 C
4 C
3 C
12 D
6 D
7 D
4 D
W
B
R
P
G
MODE (*3)
ON–OFF
+ RES
– SET
CANCEL
Paddle Shift Switch
Shift Down
Shift Up
Distance Control (*3)
Steering Pad Switch RH
5 A
7 B
A70(A), E76(B)
Junction Connector
z2(C)
Cruise Control Main Switch
z3(D)
Steering Pad Switch Assembly
Y
L
G
E1

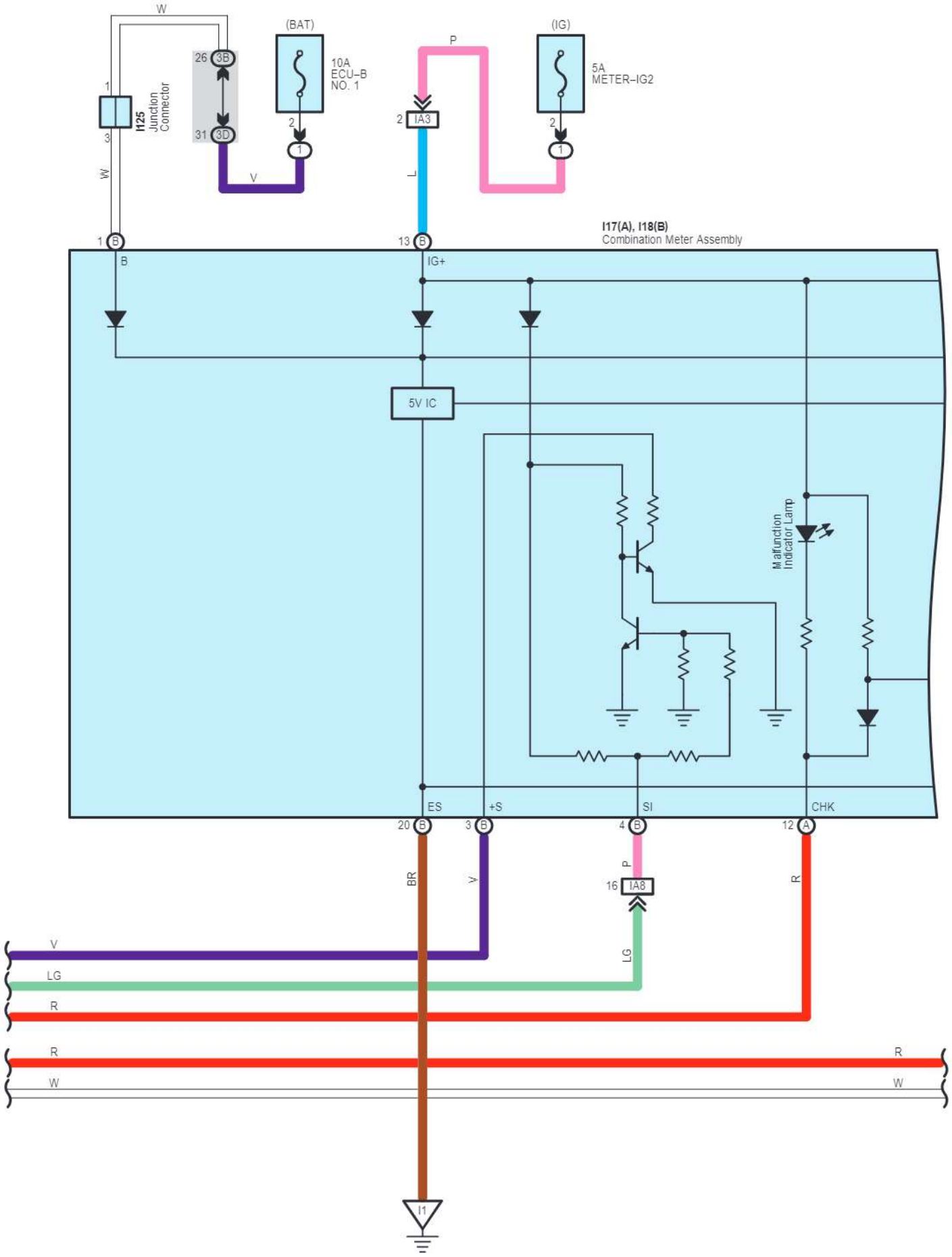

A25(A), E26(B)
ECM
SFTD
SFTU
S
50
34
37
V
R
G
8 IA3
7 IA3
9 IA3
Y
P
(*1)
LG
(*1)
Y
2
10
I126
Junction
Connector
3
11
1
9
P
(*1)
LG
(*1)
P
(*1)
LG
(*1)
P
(*2)
LG
(*2)
Y
G
P(*1)
LG(*1)
R(*3)
1
3
5
4
SFTD
SFTU
S
IG
E
2
I44
Transmission Control
Switch (Lower Shift
Lever Assembly)
BR
W–B
R
(*3)
Y
L
L
G
I3

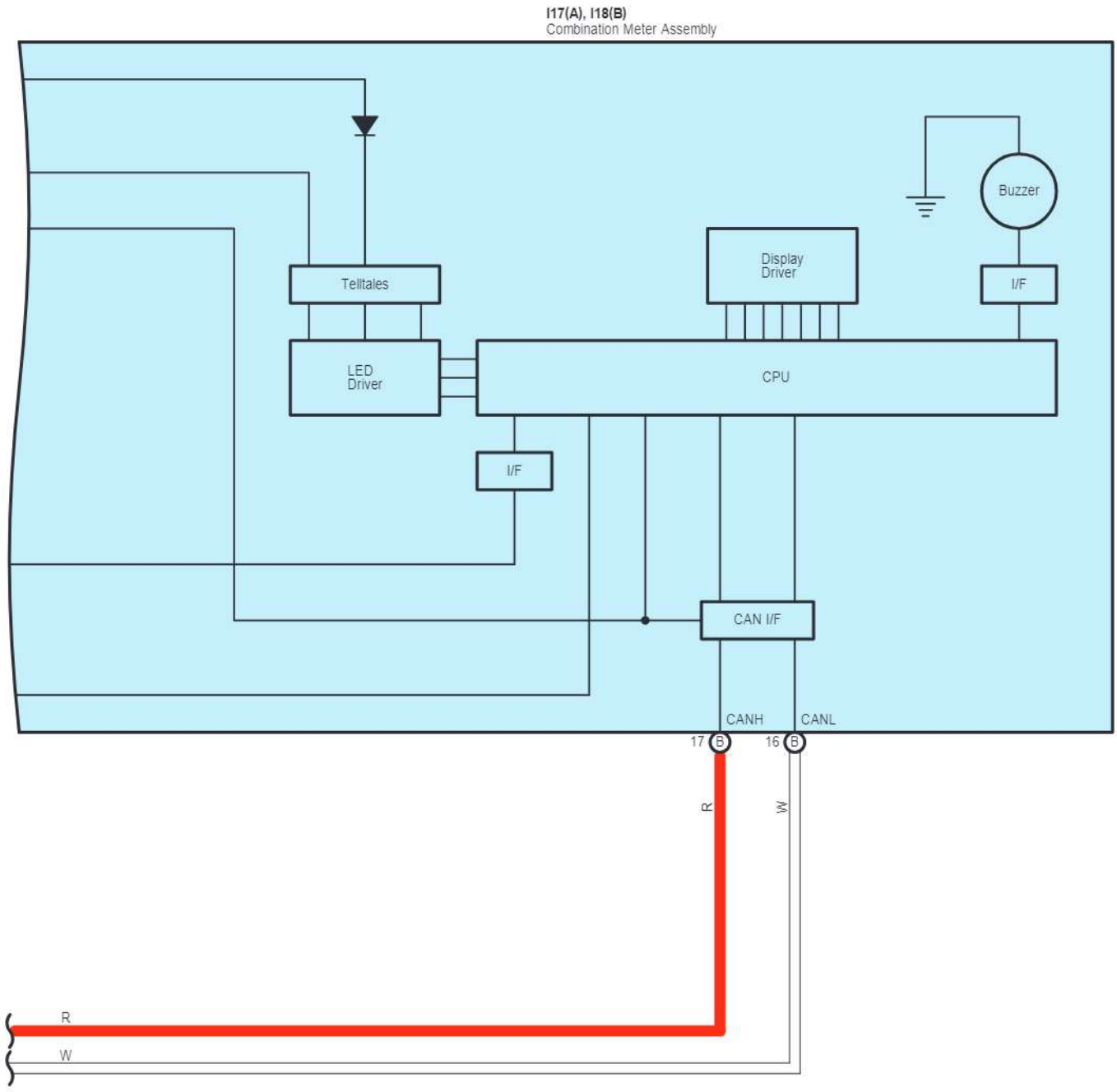

A25(A), E26(B)
ECM
(IG)
25A
WIPER
2
11
3A
P
(*3)
2
B
+B
+2
4
B
I32(B)
Windshield Wiper Switch Assembly
G
(*3)
I187
Driving Support ECU Assembly
WIP2
SPSW
GND
32
6
25
W
(*3)
R
(*3)
W-B
(*3)
54
3A
2
5A
WIPER-S
1
5
3A
LG
(*3)
8
B
I92(B)
Junction
Connector
7
B
G
(*3)
W-B
(*3)
R
(*3)
L
L
I3


A25(A), E26(B)
ECM
I187
Driving Support ECU Assembly
CA2H
CA2L
B
CA1P
CA1N
39
17
30
40
18
(IG)
7. 5A
ECU–IG1
NO. 3
2
33
3C
G
(*3)
L
LG
V
R
W
5
IA4
6
IA4
1
IN1
15
AN1
CA1P
CA1N
IGB
SGND
BZ
A85
Millimeter Wave Radar
Sensor Assembly
10
14
IA4
IG1
BZ
I190
Skid Control Buzzer
Assembly
LG(*3)
L(*3)
* 3 : w/ Dynamic Radar Cruise Control
A73
Junction
Connector
A2


A25(A), E26(B)
ECM
TC
TACH
CANH
CANL
45
23
13
26
P
B
B
W
8
10
15
14
IA3
IA8
IA8
A71(A), I92(B)
Junction Connector
11
P
G
P
W
I101(D), I104(F), I105(G), I108(J)
Junction Connector
1
2
I39
Data Link Connector 3
13
9
TC
TAC
CANL
CANH
14
6
W
L
2
1
1
2
1
2
W
B
G (*3)
W (*3)
Y
W
I93(A), I94(B), I96(D)
Junction Connector
16
15
CA1H
CA1L
CA2L
CA2H
B1
Network Gateway ECU
12
13
LG (*3)
B (*3)
13
2
IS2
IS2
LG (*3)
B (*3)
9
3
S22
Junction Connector
8
2
LG (*3)
R (*3)
12
1
IS2
IS2
LG (*3)
R (*3)
2
1
I194(C), I195(D)
Junction Connector
2
1
LG (*3)
L (*3)
7
6
IA8
IA8
GR
W
W
GR
* 3 : w/ Dynamic Radar Cruise Control
LG(*3)
L(*3)
R
W
L
L


A25(A), E26(B)
ECM
W
27 A
SPD
10 A
LG
L
22 IA3
21 IA3
Front
Speed Sensors
Rear
Speed Sensors
B
W
G
L
R
G
B
W
19 B
8 B
16 B
4 B
31 B
18 B
17 B
29 B
FL+
FL−
FR+
FR−
RL+
RL−
RR+
RR−
CANL
CANH
SP1
14 B
26 B
2 B
A94(B)
Brake Actuator Assembly
16
18
I124
Junction Connector
W
GR
LG
V
R
W
L

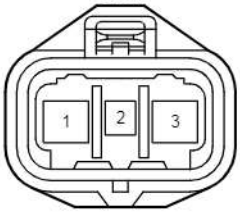

W
(BAT)
(IG)
P
26 3B
31 3D
10A
ECU-B
NO. 1
5A
METER-IG2
1
I125
Junction
Connector
3
W
V
2 IA3
L
2
1
I17(A), I18(B)
Combination Meter Assembly
1 B
13 B
B
IG+
5V IC
Malfunction
Indicator Lamp
ES
+S
SI
CHK
20 B
3 B
4 B
12 A
BR
V
P
16 IA8
R
LG
V
LG
R
R
W
R
W
I1


I17(A), I18(B)
Combination Meter Assembly
Buzzer
Display Driver
Telltales
I/F
LED Driver
CPU
I/F
CAN I/F
CANH
CANL
17 B
16 B
R
W
R
W

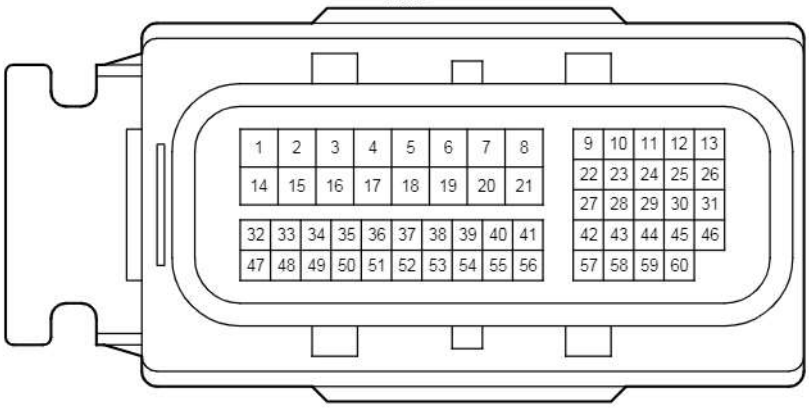
A 9
Black



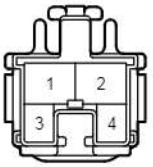
A 10
Black



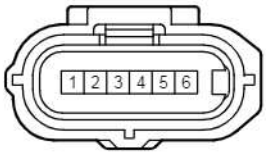
A 25
Black



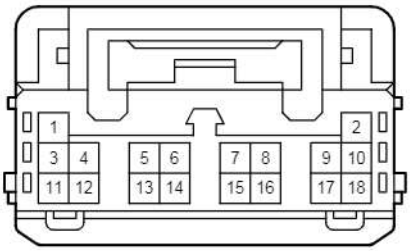
A 33
White



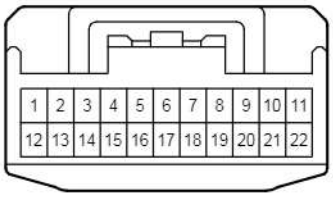
A 36
Black



A 43
White



A 70
White



A 71
Gray



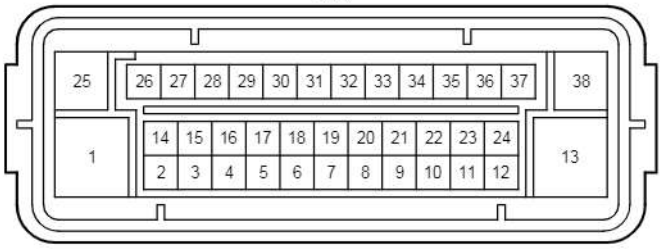
A 73
Gray



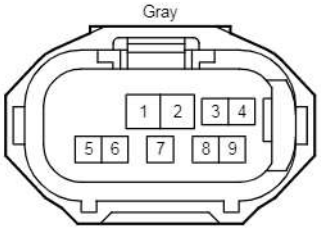
A 85
Black



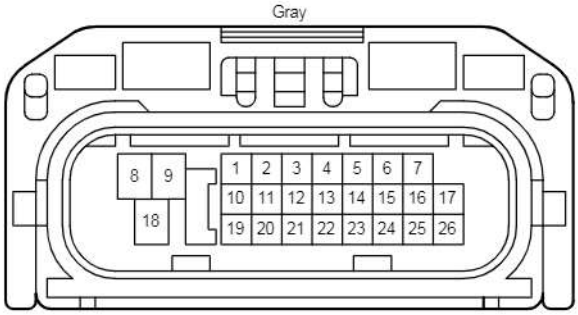
A 94
Black



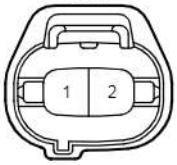
E 4
Gray



E 7
Gray



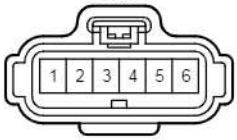
E 10
Black



E 14
Black



E 16
Black



E 19
Dark Gray



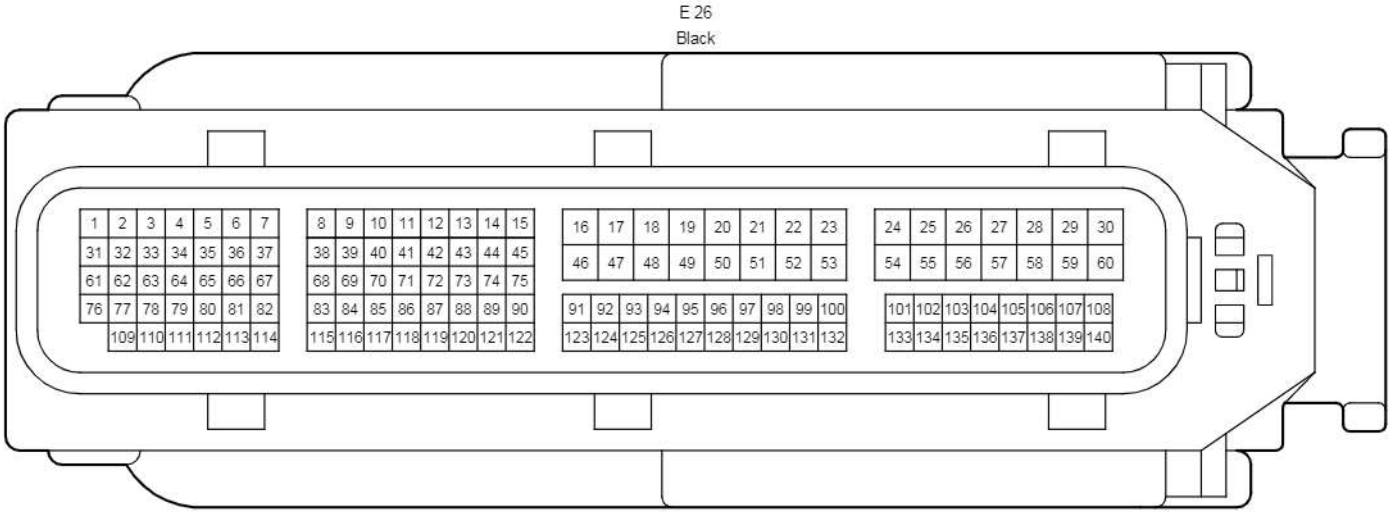
E 20
Black



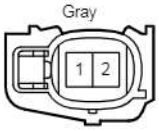
E 22
Dark Gray



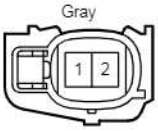
E 26
Black



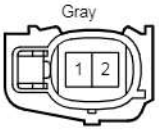
E 30
Gray



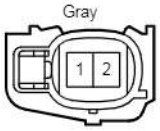
E 32
Gray



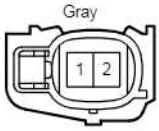
E 33
Gray



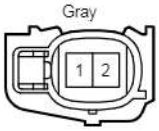
E 34
Gray



E 35
Gray



E 36
Gray



E 46
Gray



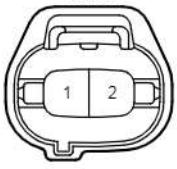
E 47
Black



E 48
Dark Gray



E 50
Black



E 53
Black



E 54
Black



E 57
Black



E 58
Black



E 59
Black



E 60
Black



E 61
Black



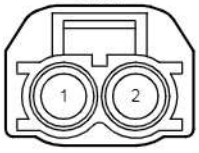
E 62
Black



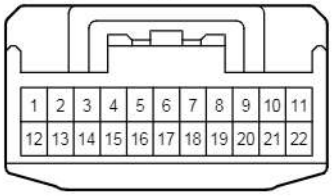
E 70
Black



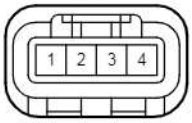
E 72
Black



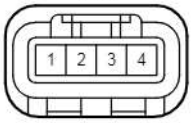
E 76
White



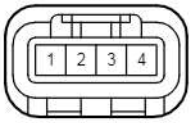
E 77
Black



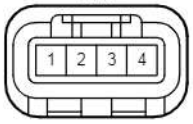
E 78
Black



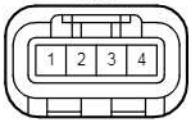
E 79
Black



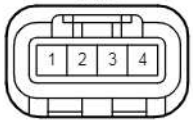
E 81
Black



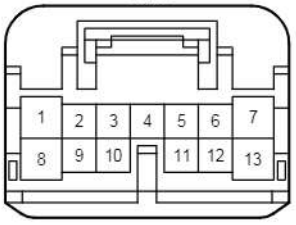
E 83
Black



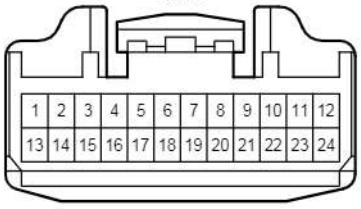
E 84
Black



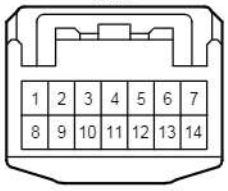
I 17
Black



I 18
Black



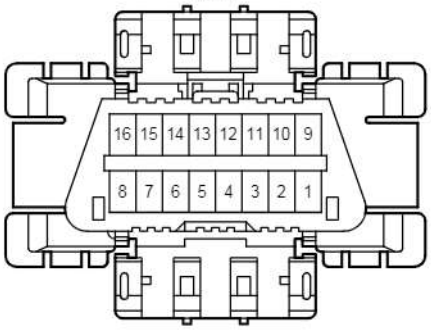
I 28
Black



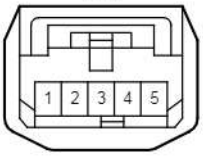
I 32
White



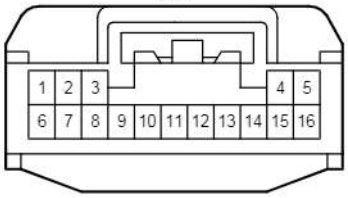
I 39
White



I 44
White



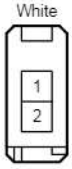
I 81
White



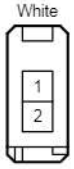
I 92
Gray



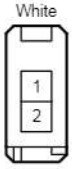
I 93
White



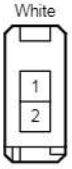
I 94
White



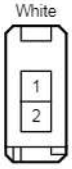
I 96
White



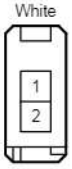
I101
White



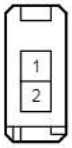
I104
White



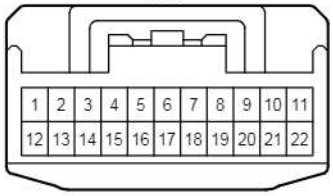
I105
White



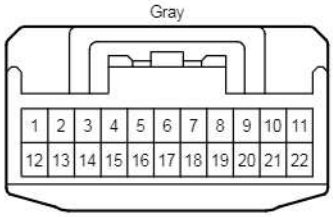
I108
White



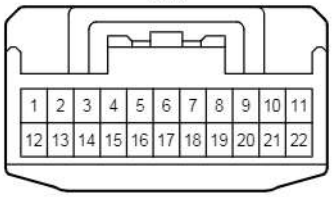
I124
White



I125
Gray



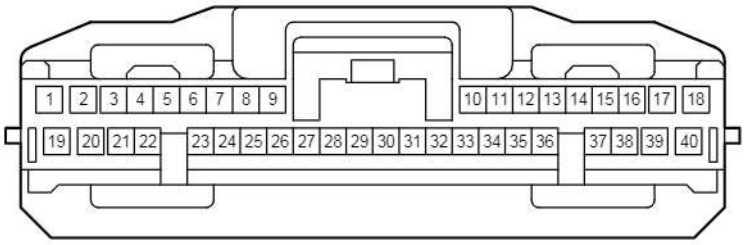
I126
White



I183
White



I187
White



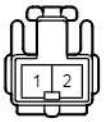
I188
Gray



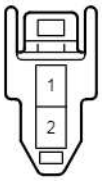
I189
Gray



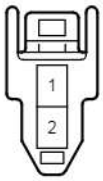
I190
Blue



I194
White



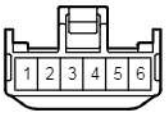
I195
White



N 11
White



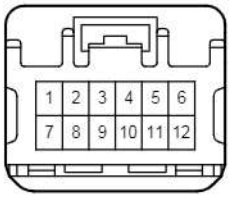
N 30
Black



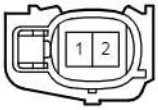
N 35
Black



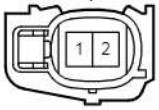
S 22
White



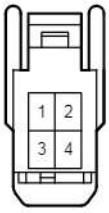
Y 1
Black



Y 2
Gray



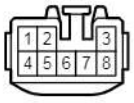
z 2
White



z 3
Black



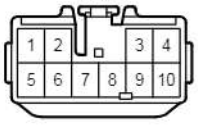
1A
White



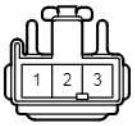
1B
White



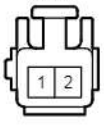
1C
White



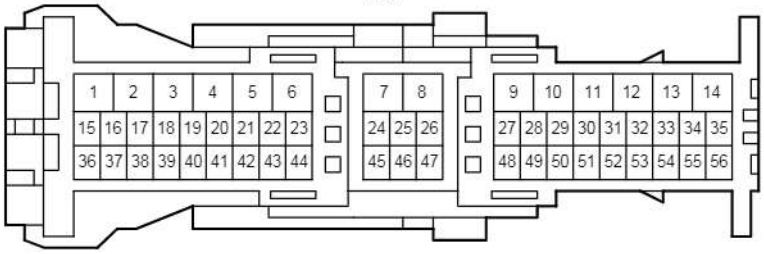
1D
White



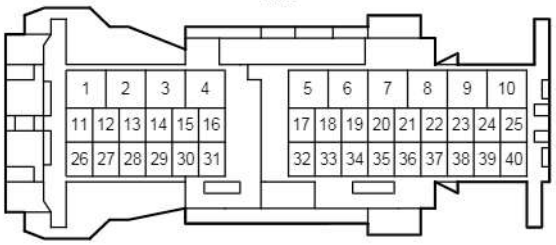
1E
White



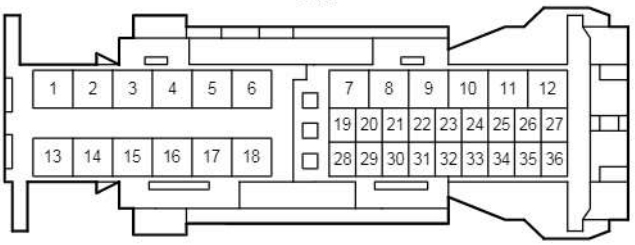
3A
White



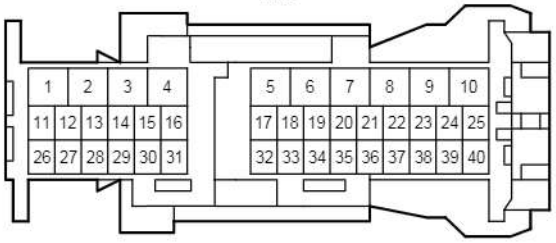
3B
White



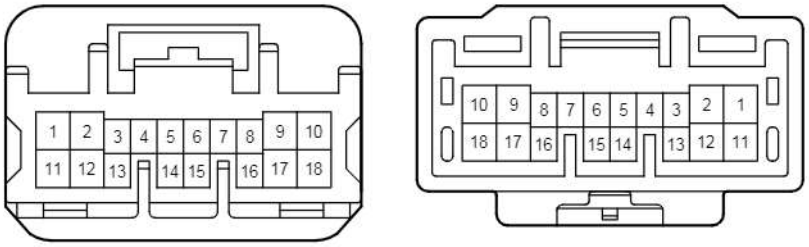
3C
White



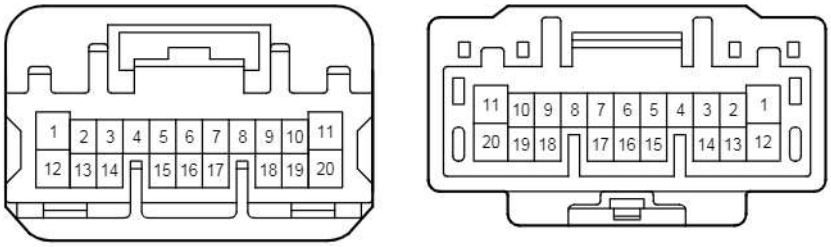
3D
White

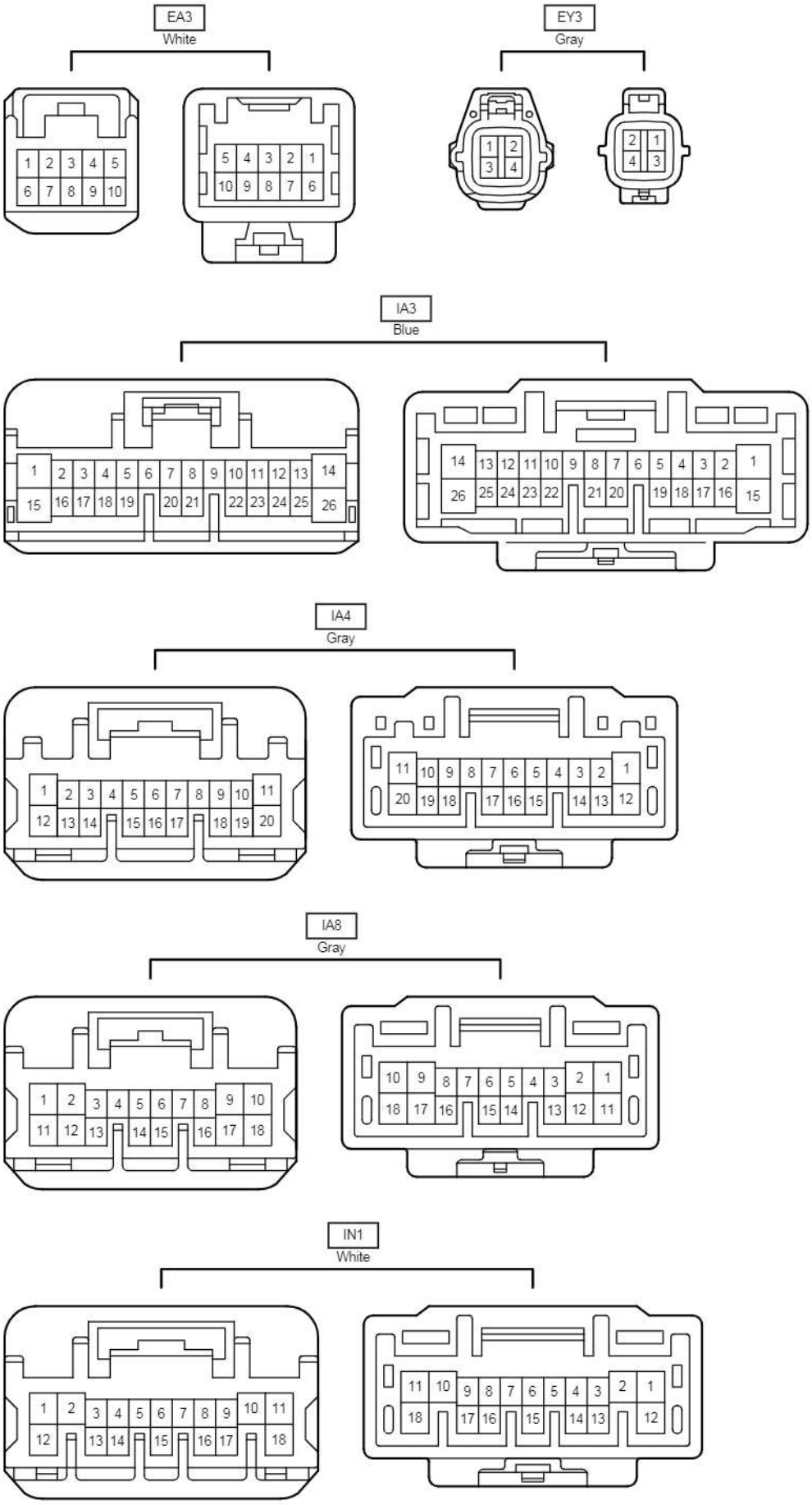


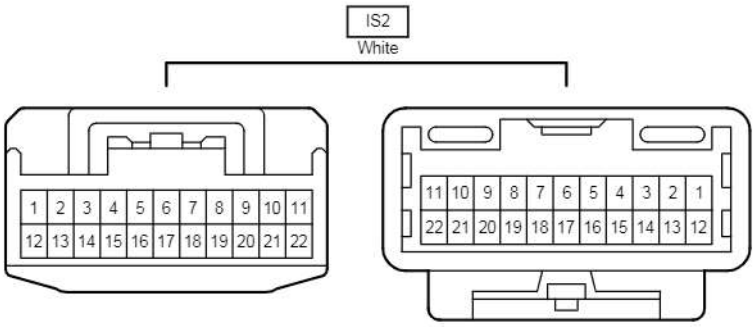
AN1
White

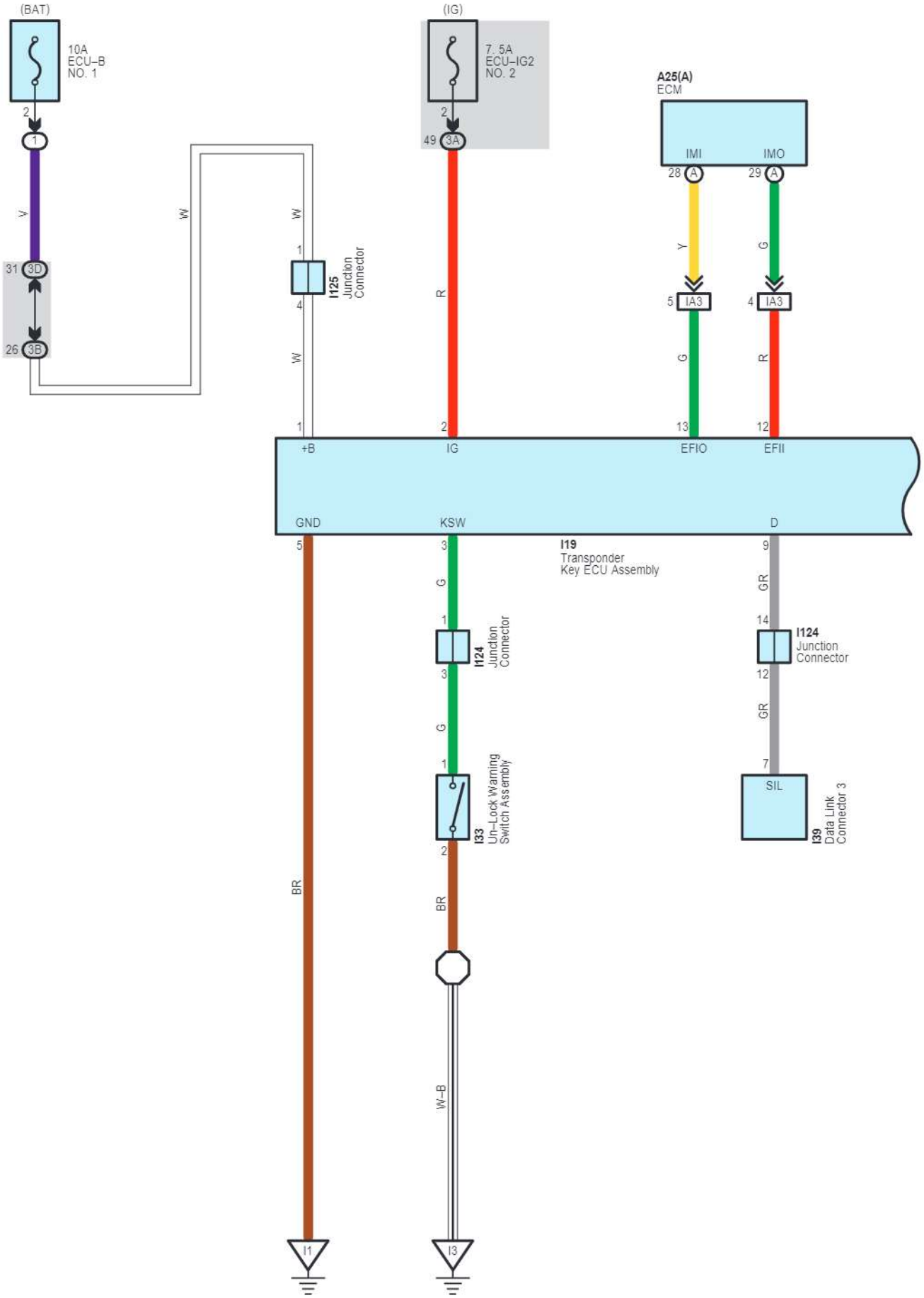


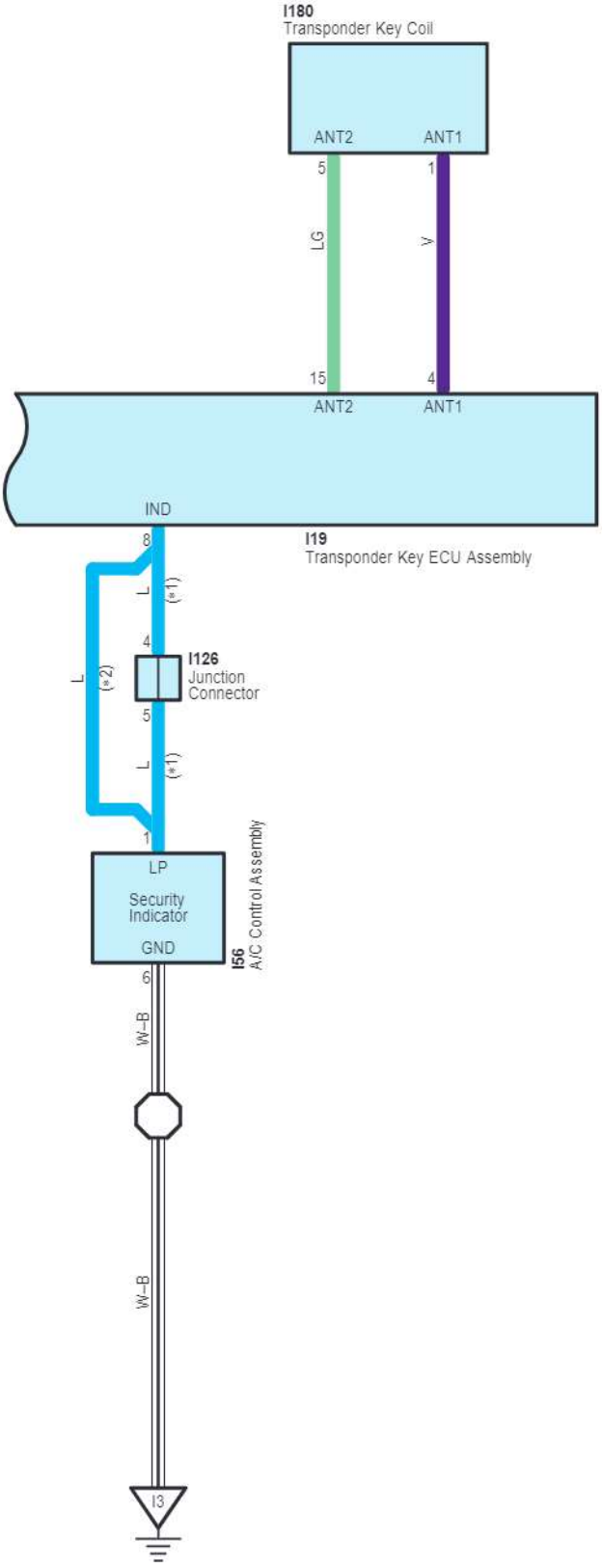
EA2
White




EA3
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
EY3
Gray
1 2
3 4
2 1
4 3
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
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

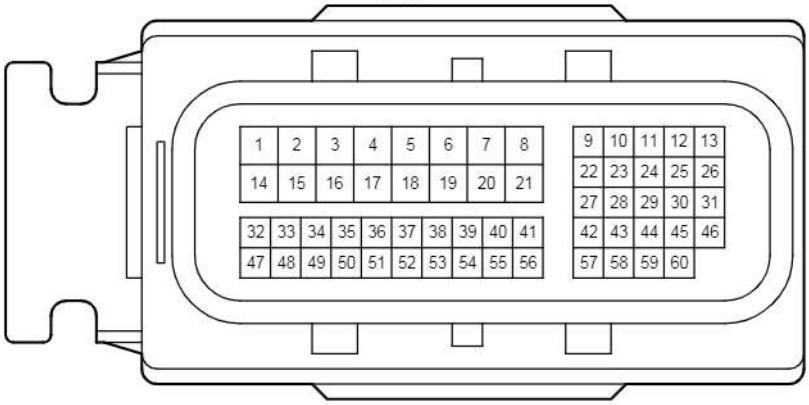

IS2
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12


(BAT)
10A
ECU-B
NO. 1
2
1
V
31 3D
26 3B
W
W
1
I125
Junction
Connector
4
W
1
+B
(IG)
7. 5A
ECU-IG2
NO. 2
2
49 3A
R
2
IG
A25(A)
ECM
IMI
IMO
28 A
29 A
Y
G
5 IA3
4 IA3
G
R
13
12
EFIO
EFII
GND
KSW
D
5
3
9
G
GR
1
14
I124
Junction
Connector
3
12
G
GR
1
7
I33
Un-Lock Warning
Switch Assembly
SIL
I39
Data Link
Connector 3
2
BR
BR
W-B
I19
Transponder
Key ECU Assembly
I1
I3

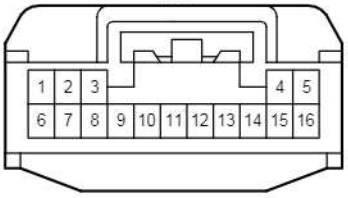


* 1 : w/ Theft Deterrent System
* 2 : w/o Theft Deterrent System

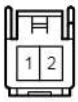
A 25
Black



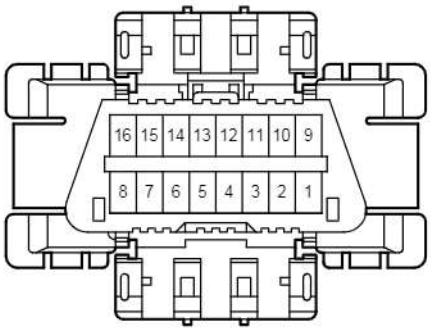
I 19
Black



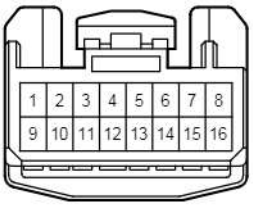
I 33
White



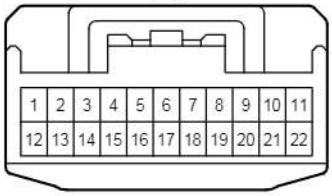
I 39
White



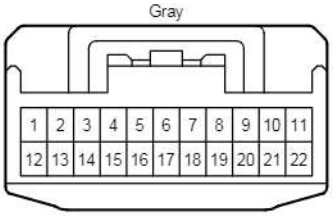
I 56
Black



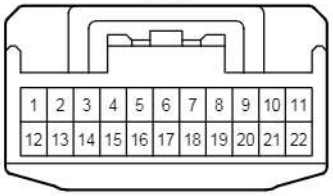
I124
White



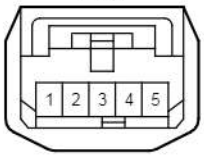
I125
Gray



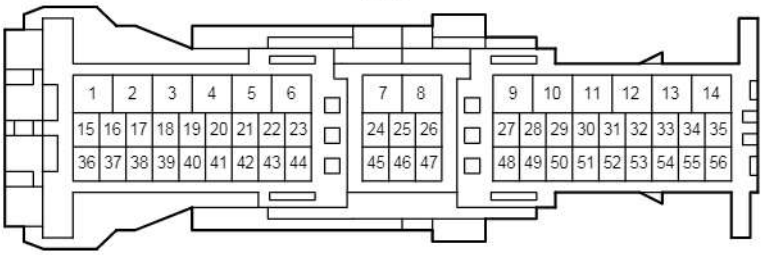
I126
White



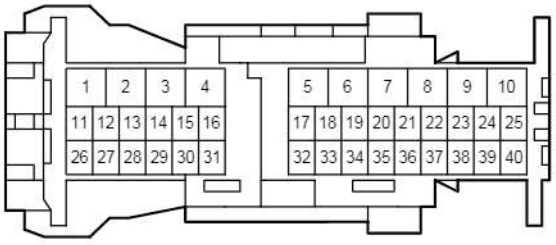
I180
Black



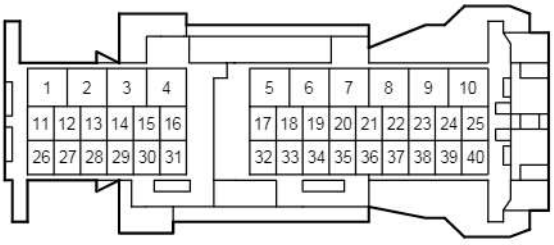
3A
White

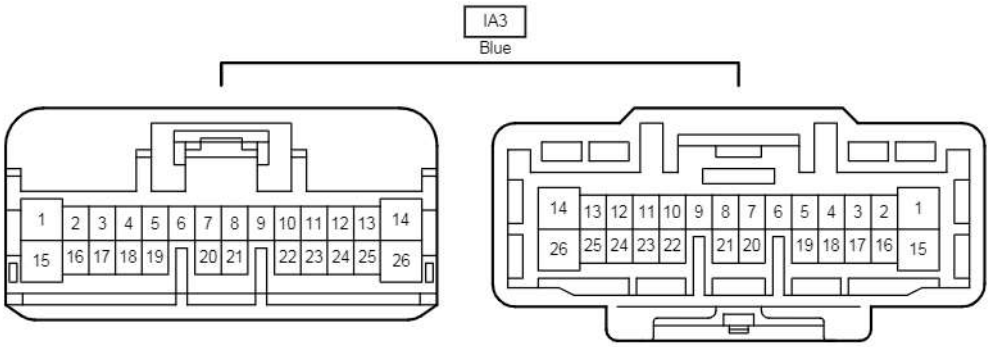


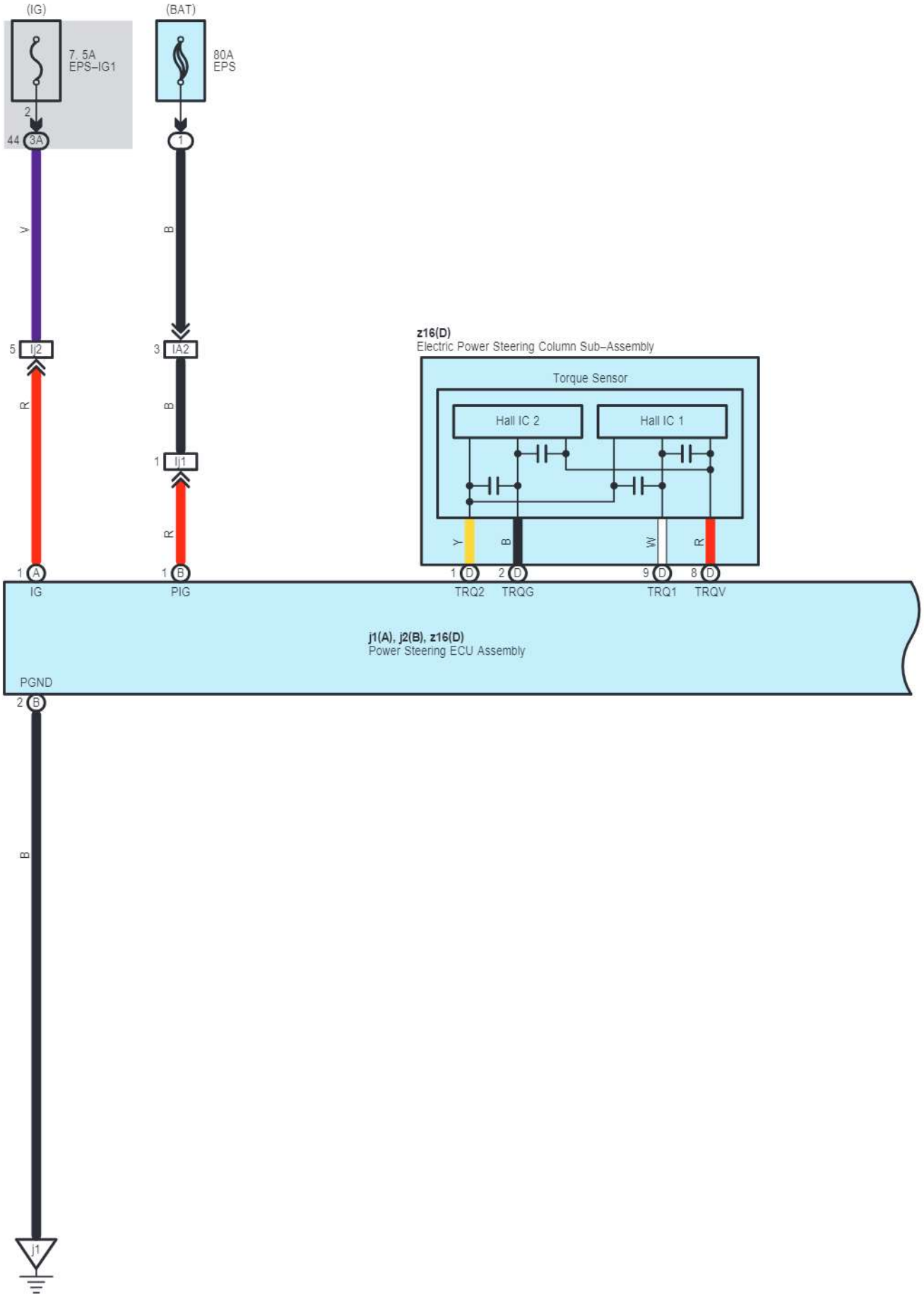
3B
White

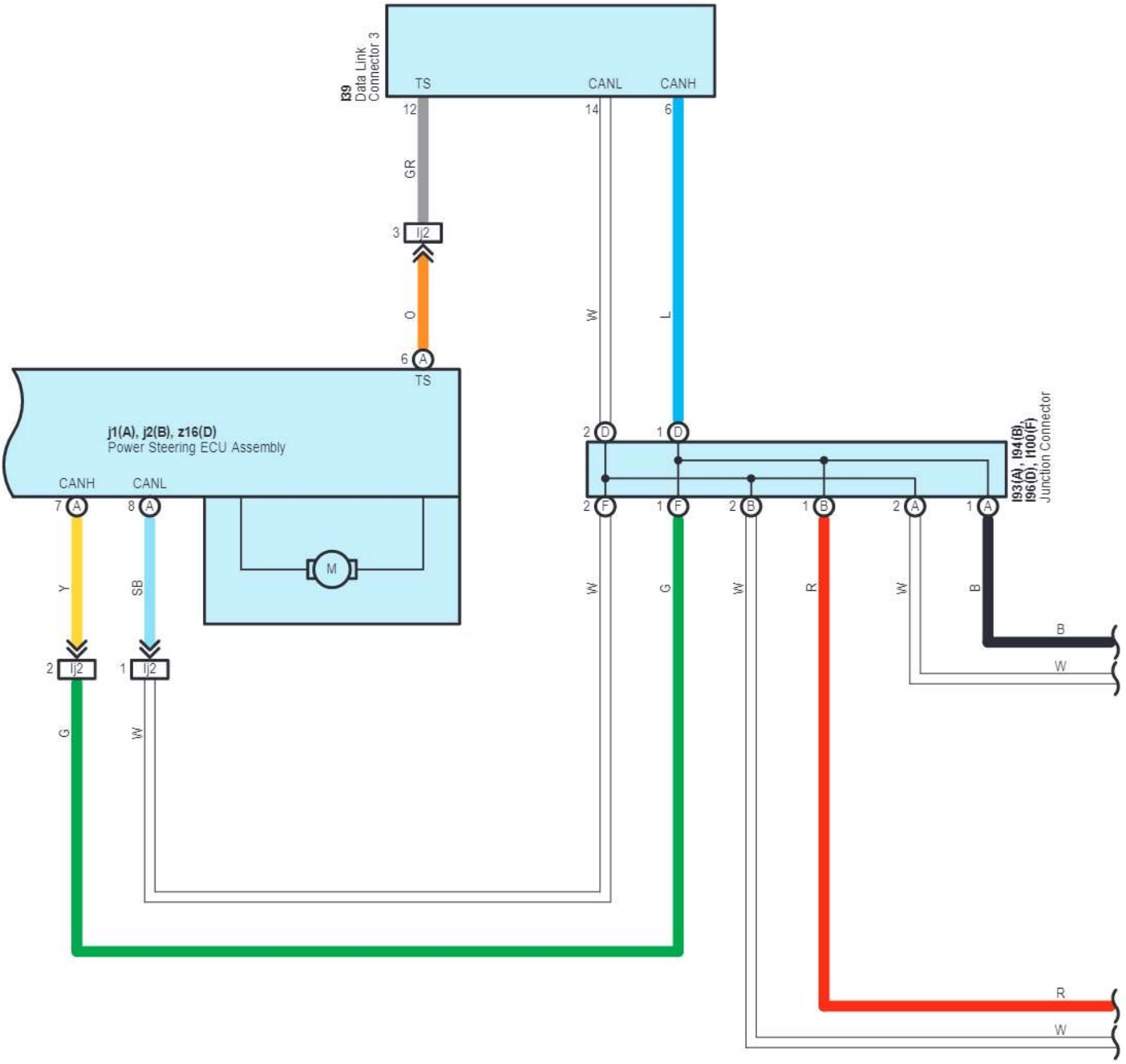


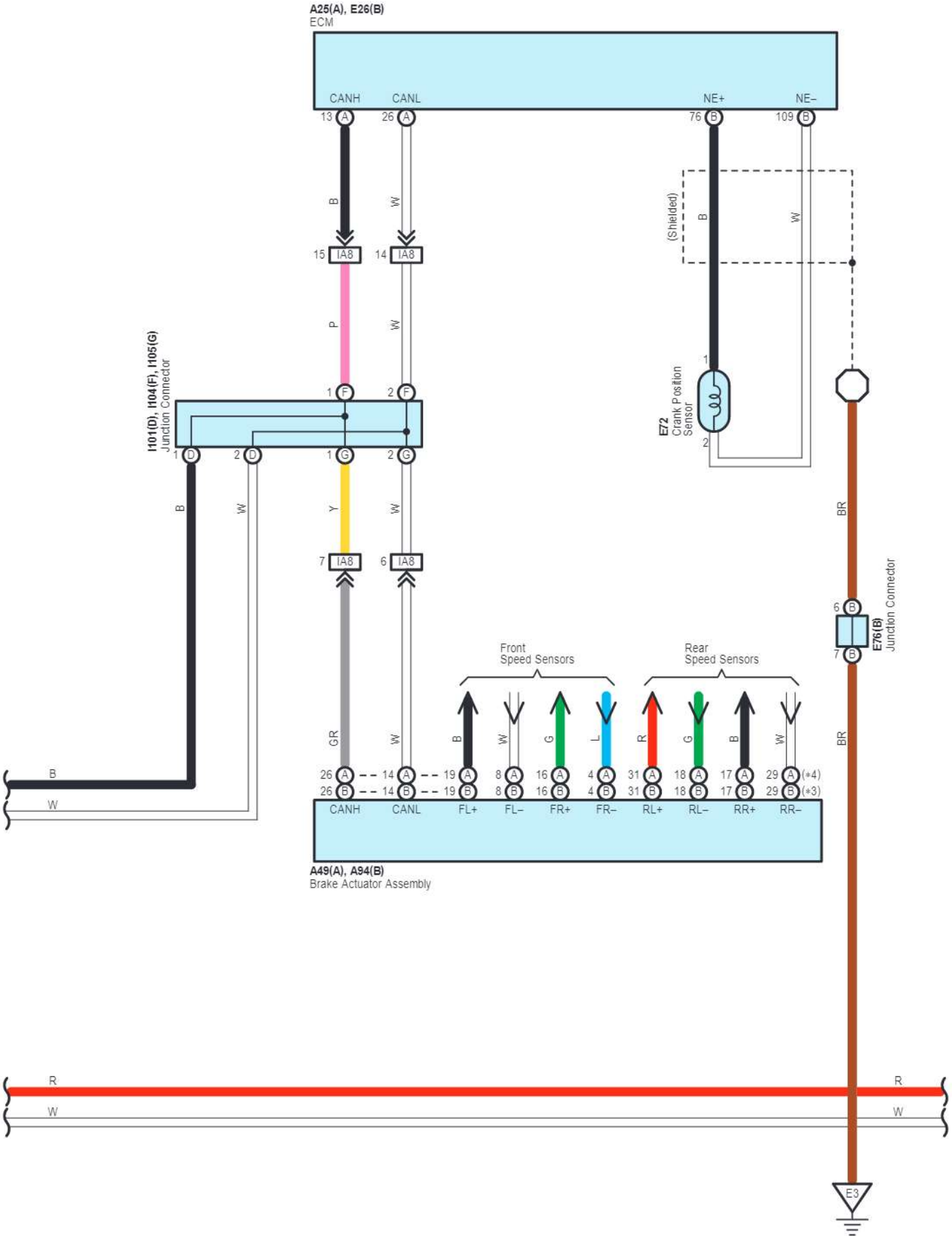
3D
White

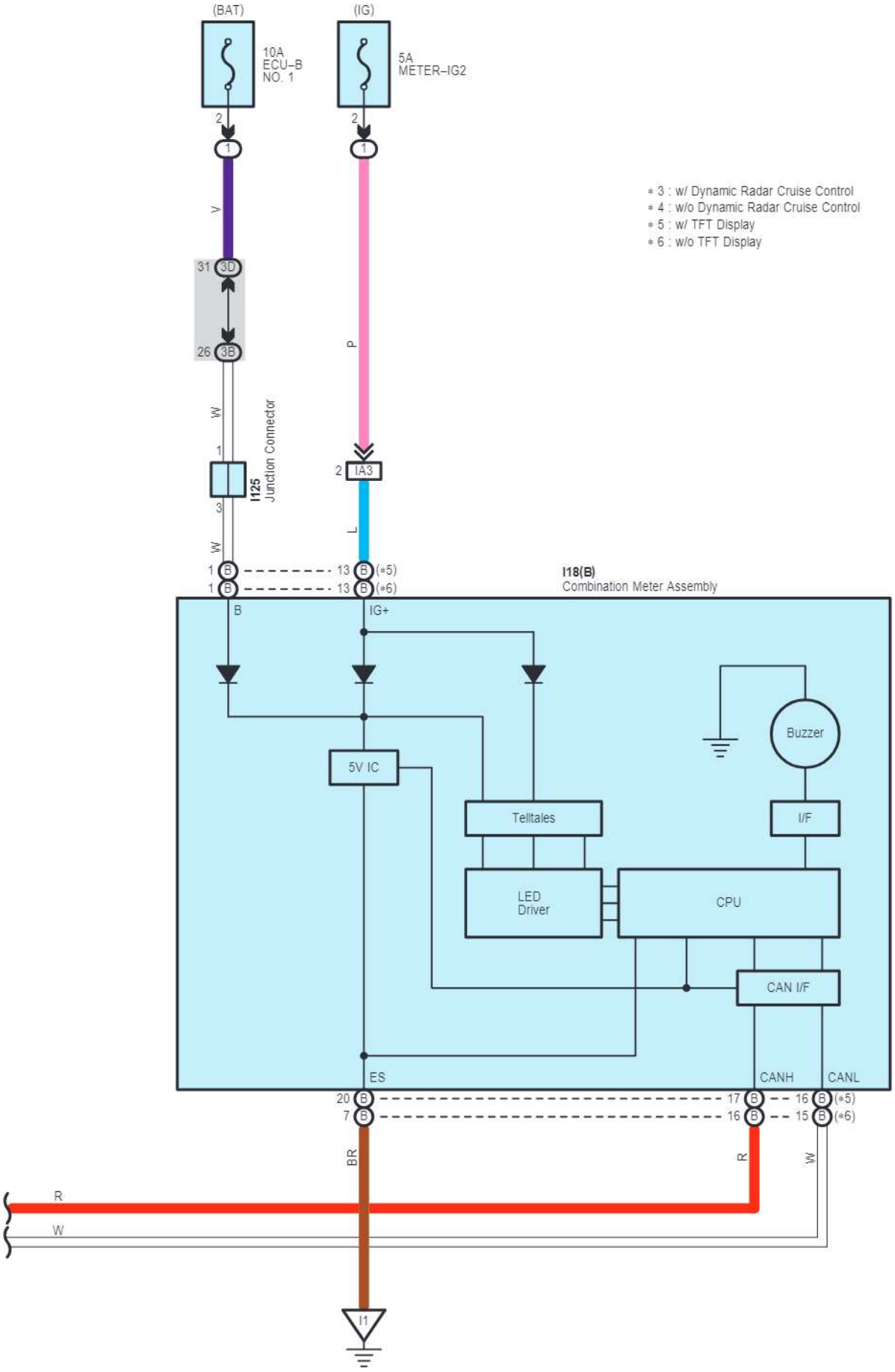



IA3
Blue
1 2 3 4 5 6 7 8 9 10 11 12 13 14
15 16 17 18 19 20 21 22 23 24 25 26
14 13 12 11 10 9 8 7 6 5 4 3 2 1
26 25 24 23 22 21 20 19 18 17 16 15

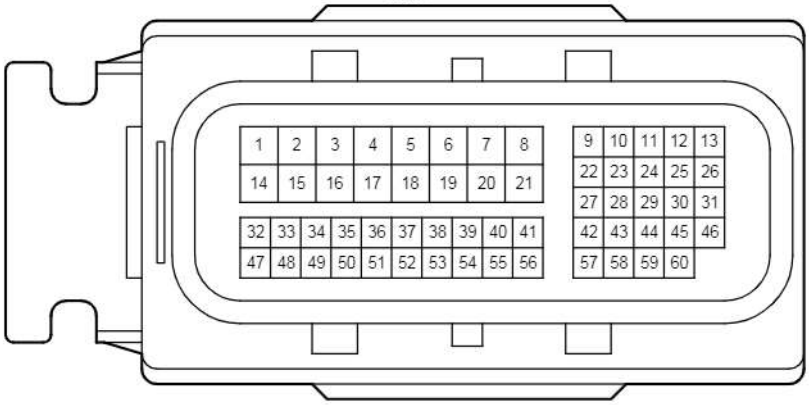

(IG)
(BAT)
7. 5A
EPS–IG1
80A
EPS
2
44 3A
1
V
B
5 IJ2
3 IA2
R
B
1 IJ1
R
z16(D)
Electric Power Steering Column Sub–Assembly
Torque Sensor
Hall IC 2
Hall IC 1
Y
B
W
R
1 A
IG
1 B
PIG
1 D
TRQ2
2 D
TRQG
9 D
TRQ1
8 D
TRQV
j1(A), j2(B), z16(D)
Power Steering ECU Assembly
PGND
2 B
B
j1


I39
Data Link
Connector 3
TS
CANL
CANH
12
14
6
GR
3
IJ2
O
W
L
6
A
TS
j1(A), j2(B), z16(D)
Power Steering ECU Assembly
CANH
CANL
7
A
8
A
M
2
D
1
D
I93(A), I94(B),
I96(D), I100(F)
Junction Connector
2
F
1
F
2
B
1
B
2
A
1
A
Y
SB
W
G
W
R
W
B
B
W
2
IJ2
1
IJ2
G
W
R
W

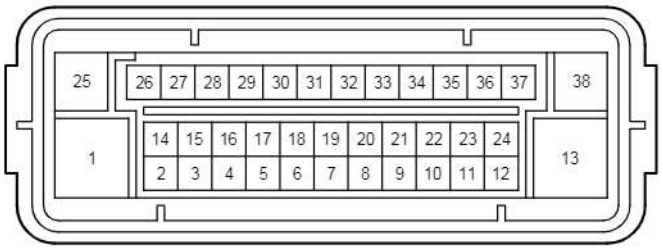

A25(A), E26(B)
ECM
CANH
CANL
NE+
NE–
13 A
26 A
76 B
109 B
B
W
(Shielded)
15 IA8
14 IA8
P
1 F
2 F
I101(D), I104(F), I105(G)
Junction Connector
1 D
2 D
1 G
2 G
E72
Crank Position Sensor
1
2
Y
GR
7 IA8
6 IA8
BR
6 B
7 B
E76(B)
Junction Connector
Front
Speed Sensors
Rear
Speed Sensors
R
G
L
26 A
14 A
19 A
8 A
16 A
4 A
31 A
18 A
17 A
29 A (*4)
26 B
14 B
19 B
8 B
16 B
4 B
31 B
18 B
17 B
29 B (*3)
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
A49(A), A94(B)
Brake Actuator Assembly
E3


(BAT)
(IG)
10A
ECU-B
NO. 1
5A
METER-IG2
2
1
V
31 3D
26 3B
P
W
1
I125
Junction Connector
3
W
2 IA3
L
1 B 13 B (*5)
1 B 13 B (*6)
* 3 : w/ Dynamic Radar Cruise Control
* 4 : w/o Dynamic Radar Cruise Control
* 5 : w/ TFT Display
* 6 : w/o TFT Display
I18(B)
Combination Meter Assembly
B
IG+
5V IC
Buzzer
Telltales
I/F
LED
Driver
CPU
CAN I/F
ES
CANH
CANL
20 B 17 B 16 B (*5)
7 B 16 B 15 B (*6)
BR
R
W
R
W
I1

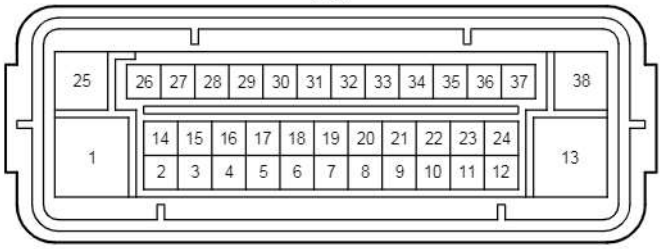
A 25
Black



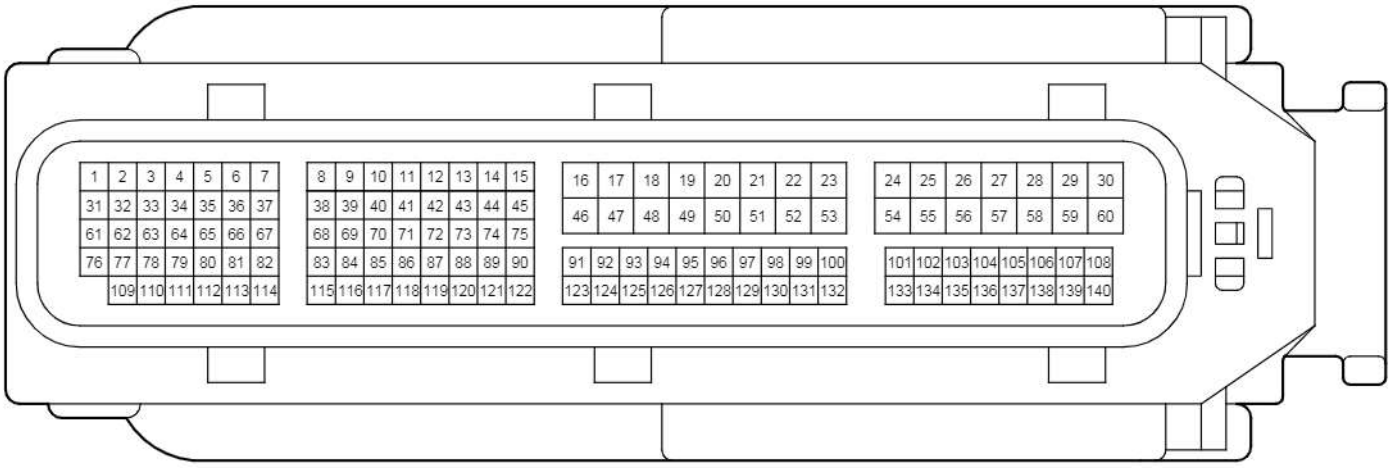
A 49
Black



A 94
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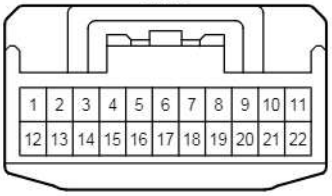
E 26
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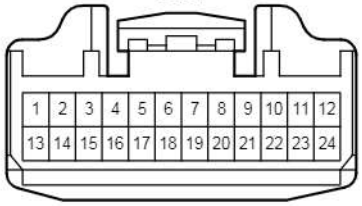
E 72
Black



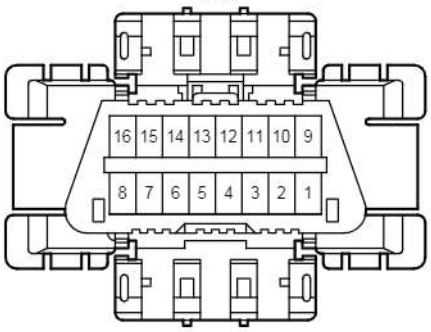
E 76
White



I 18
Black



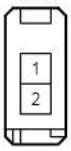
I 39
White



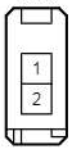
I 93
White



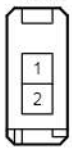
I 94
White



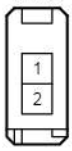
I 96
White



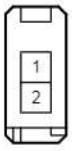
I100
White



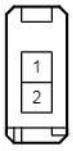
I101
White



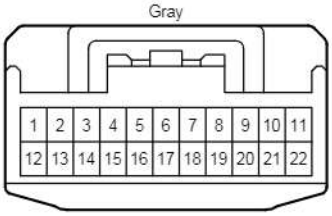
I104
White



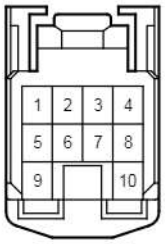
I105
White



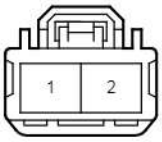
I125
Gray



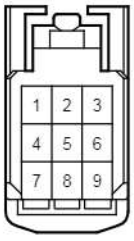
j 1
Black



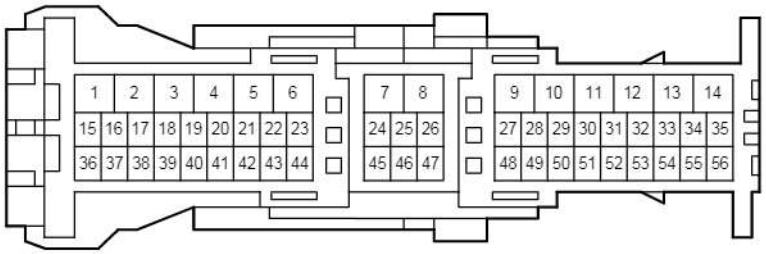
j 2
White



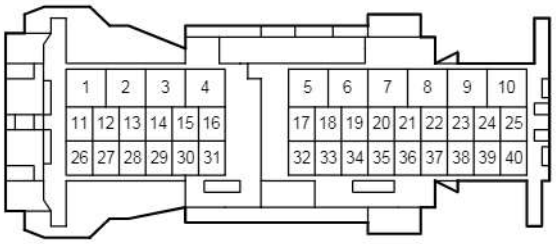
z 16
White



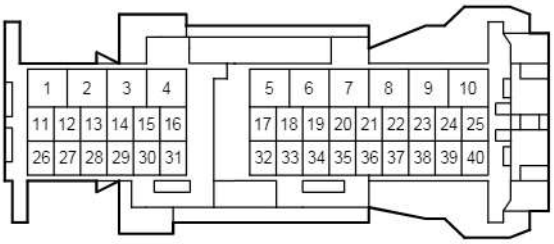
3A
White



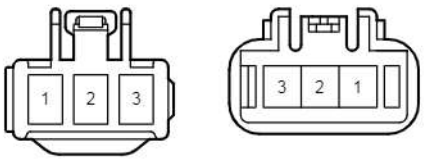
3B
White



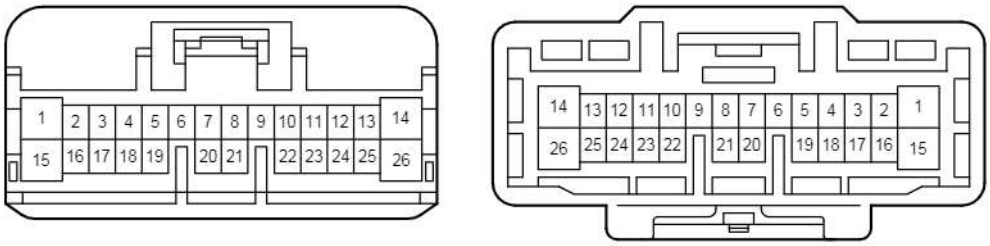
3D
White



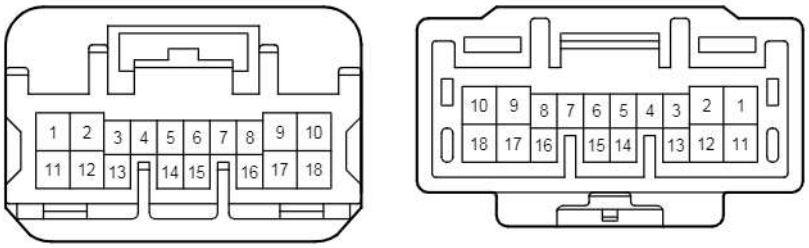
IA2
Gray



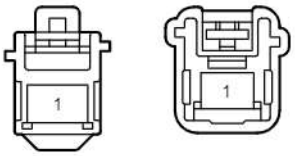
IA3
Blue



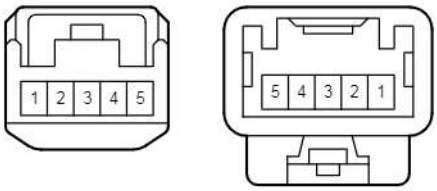
IA8
Gray

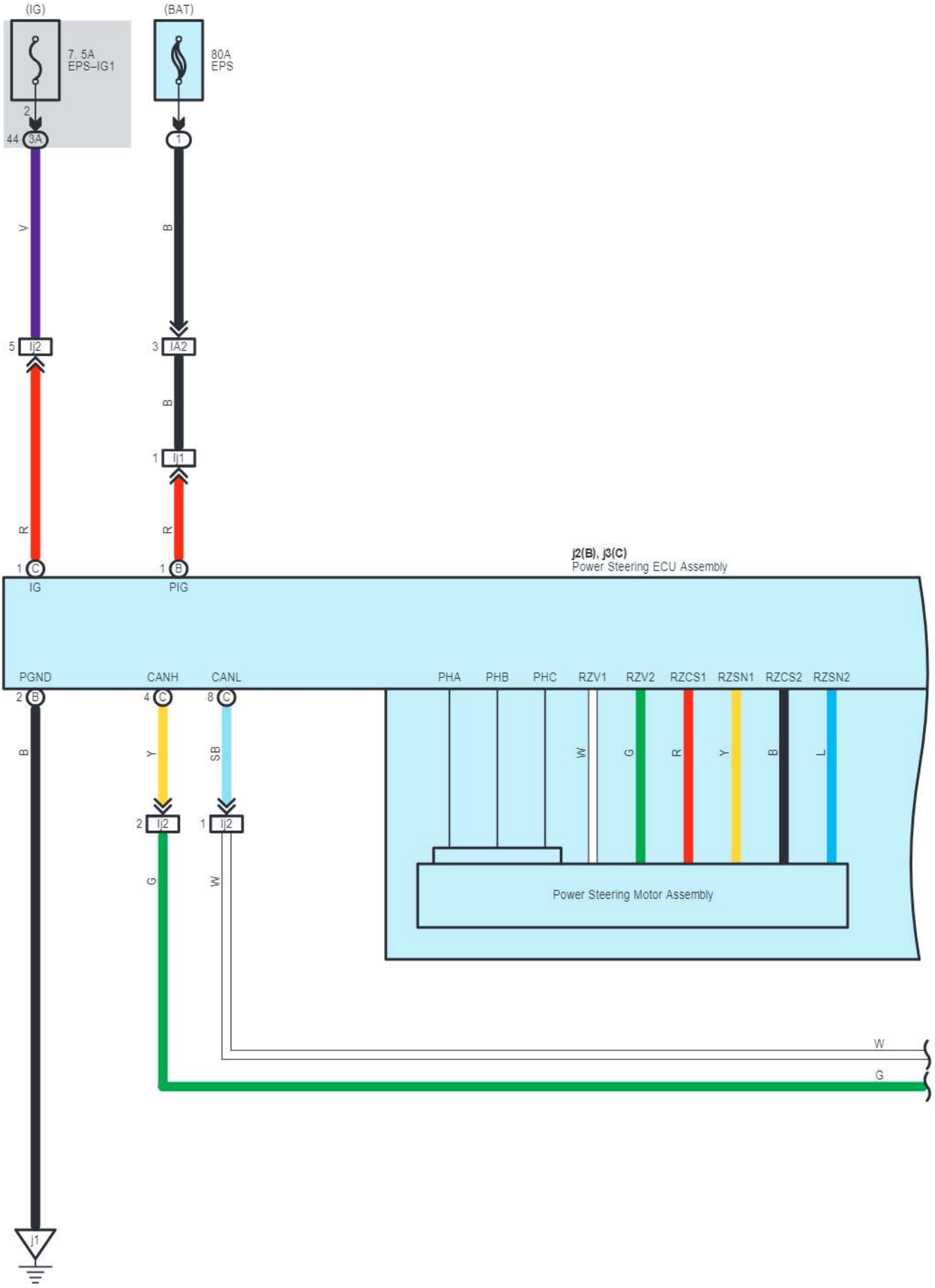


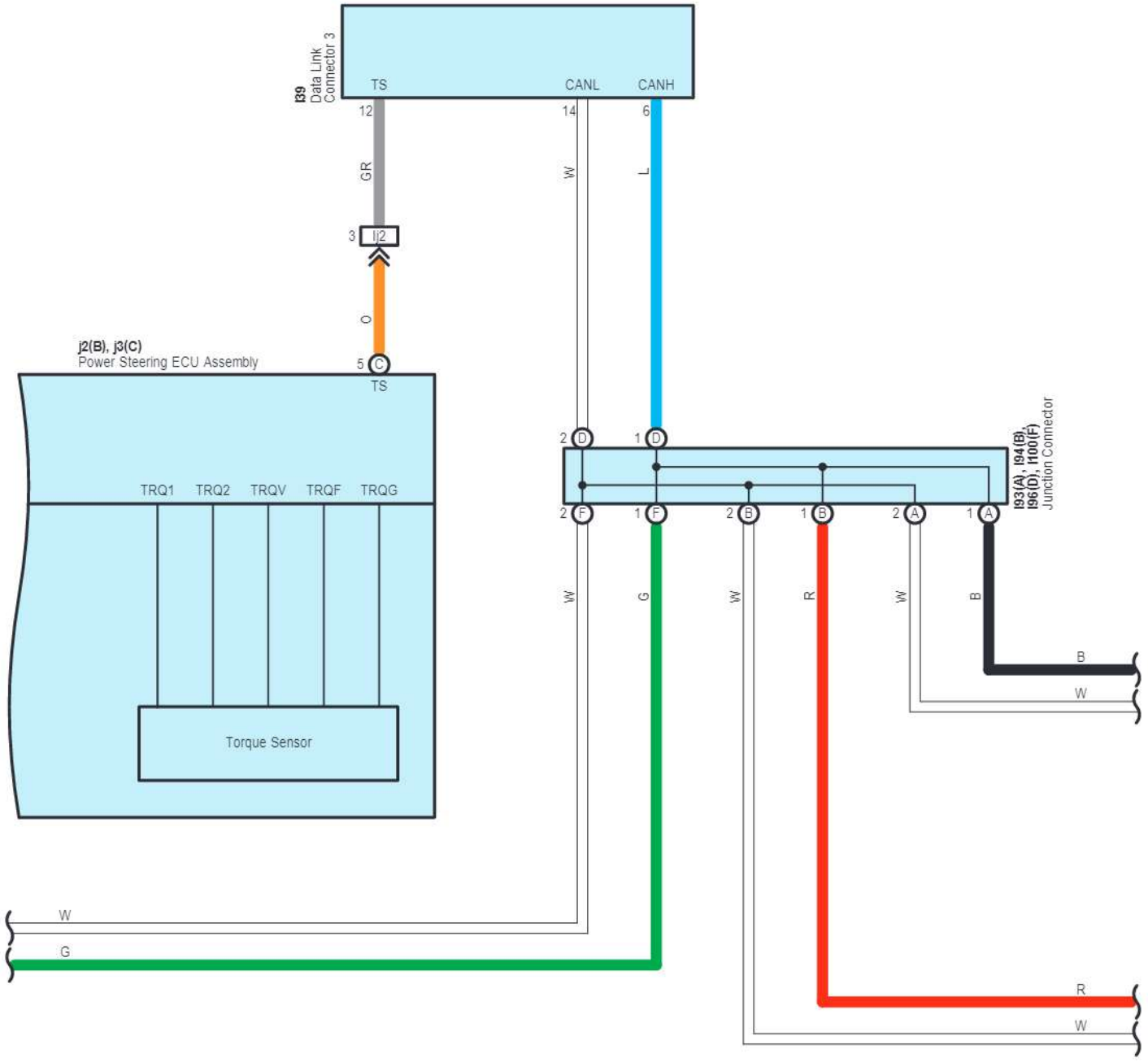
Ij1
White

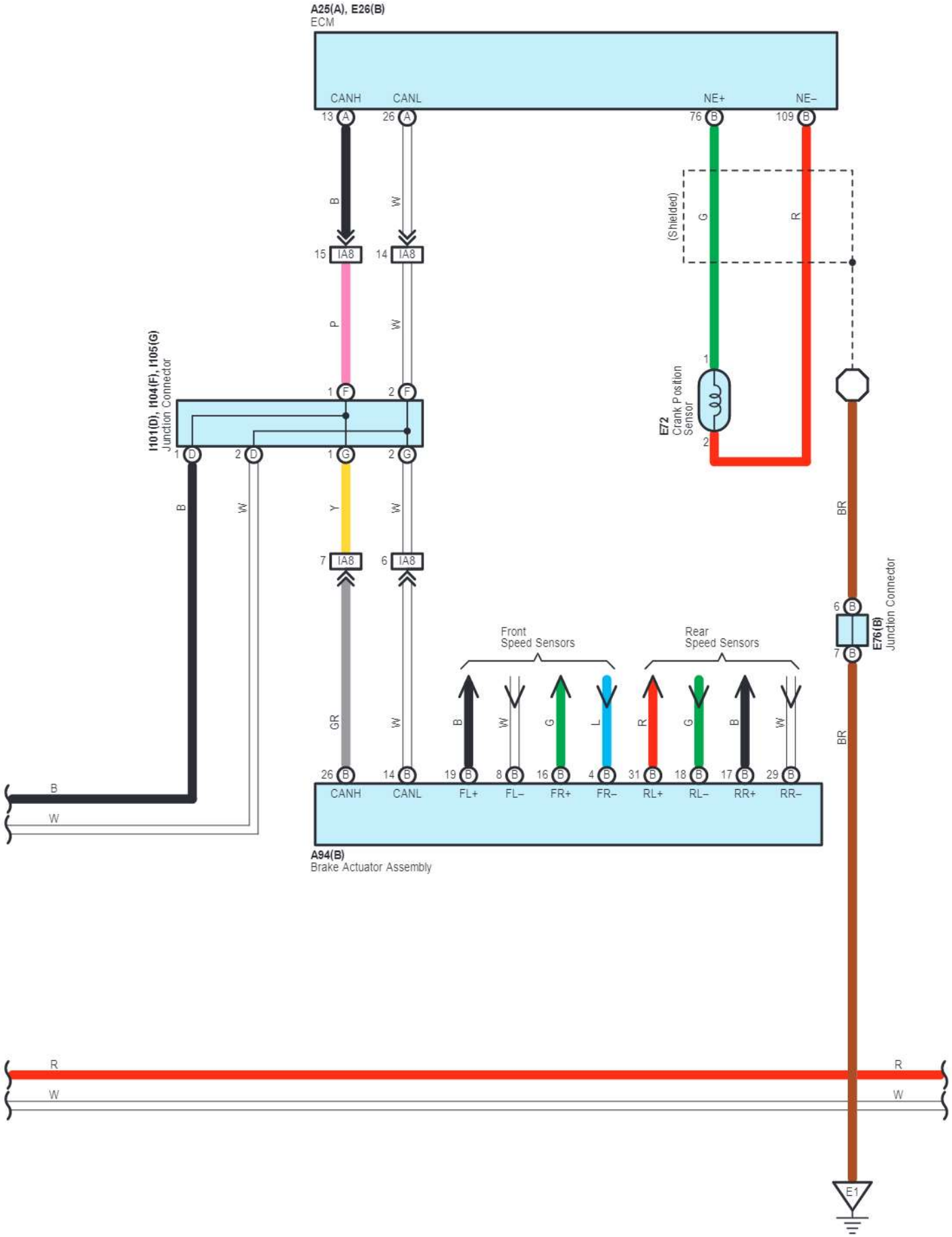


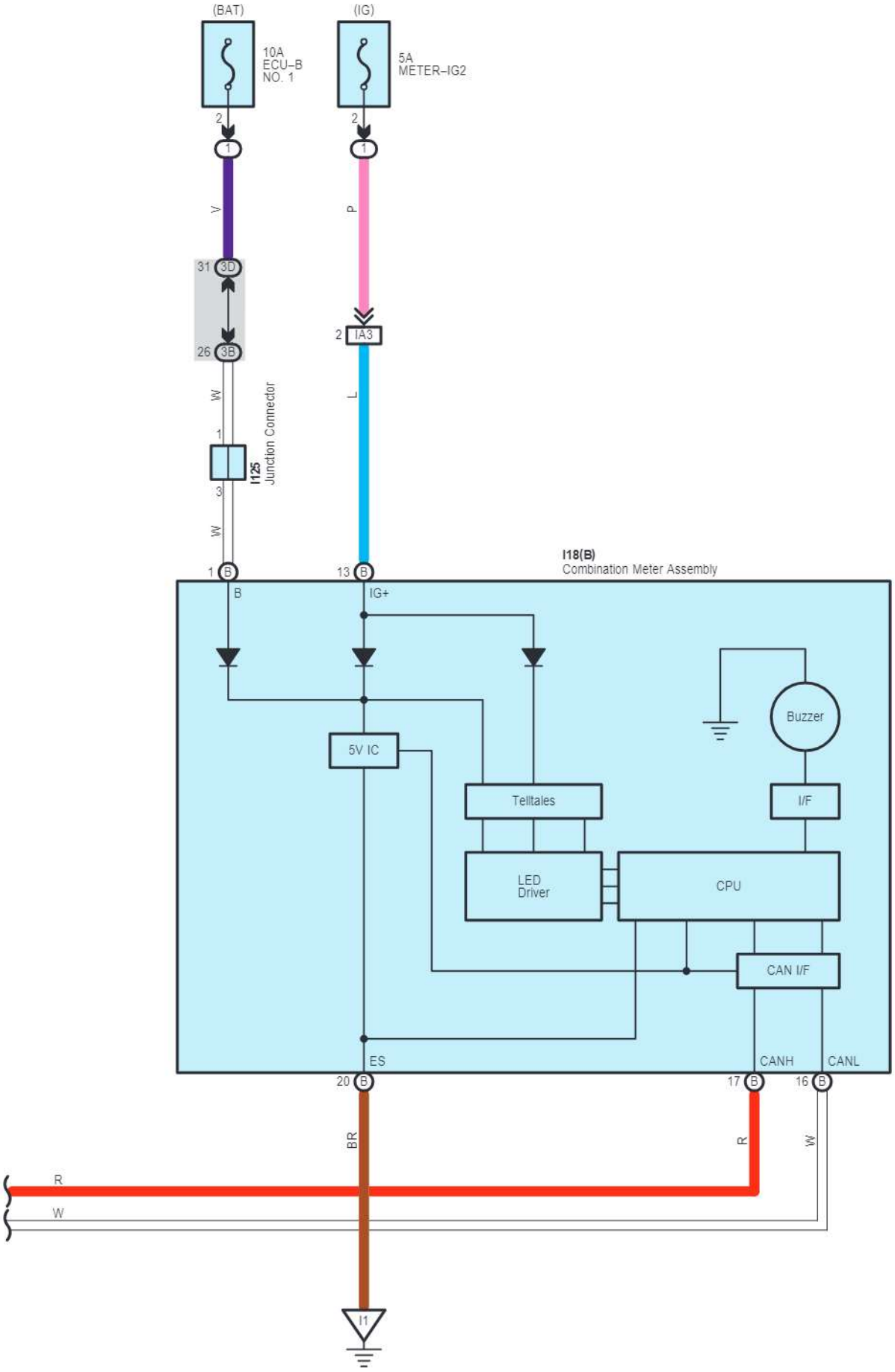
Ij2
White



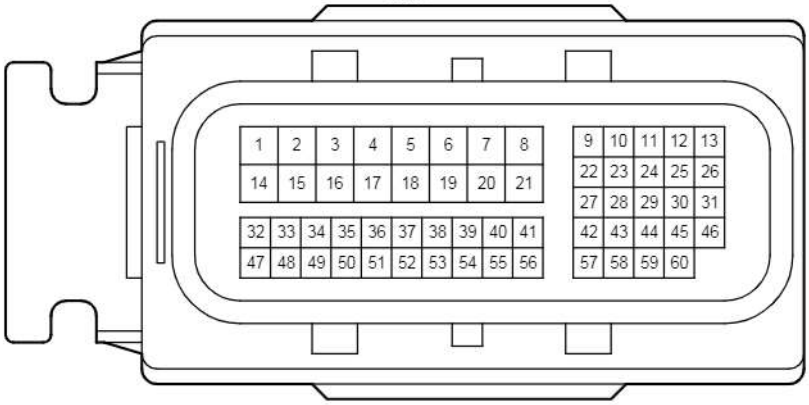

(IG)
(BAT)
7. 5A
EPS–IG1
80A
EPS
2
44 3A
1
V
B
5 IJ2
3 IA2
B
1 IJ1
R
R
1 C
IG
1 B
PIG
j2(B), j3(C)
Power Steering ECU Assembly
PGND
CANH
CANL
PHA
PHB
PHC
RZV1
RZV2
RZCS1
RZSN1
RZCS2
RZSN2
2 B
4 C
8 C
B
Y
SB
W
G
R
Y
B
L
2 IJ2
1 IJ2
G
W
Power Steering Motor Assembly
W
G
j1


I39
Data Link
Connector 3
TS
CANL
CANH
12
14
6
GR
W
L
3
I|2
O
j2(B), j3(C)
Power Steering ECU Assembly
5
C
TS
TRQ1
TRQ2
TRQV
TRQF
TRQG
Torque Sensor
2
D
1
D
I93(A), I94(B),
I96(D), I100(F)
Junction Connector
2
F
1
F
2
B
1
B
2
A
1
A
W
G
W
R
W
B
B
W
W
G
R
W

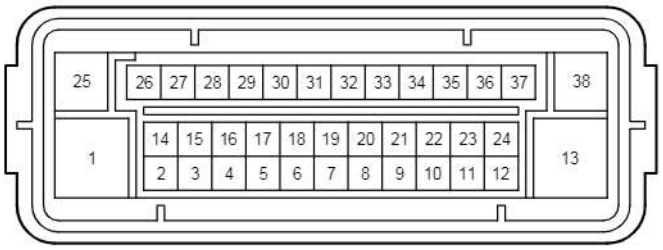

A25(A), E26(B)
ECM
CANH
CANL
NE+
NE–
13 A
26 A
76 B
109 B
B
W
G
R
(Shielded)
15 IA8
14 IA8
P
W
1
E72
Crank Position Sensor
2
I101(D), I104(F), I105(G)
Junction Connector
1 F
2 F
1 D
2 D
1 G
2 G
B
W
Y
W
BR
7 IA8
6 IA8
6 B
7 B
E76(B)
Junction Connector
Front
Speed Sensors
Rear
Speed Sensors
GR
W
B
W
G
L
R
G
B
W
BR
26 B
14 B
19 B
8 B
16 B
4 B
31 B
18 B
17 B
29 B
CANH
CANL
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
A94(B)
Brake Actuator Assembly
B
W
R
W
R
W
E1


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

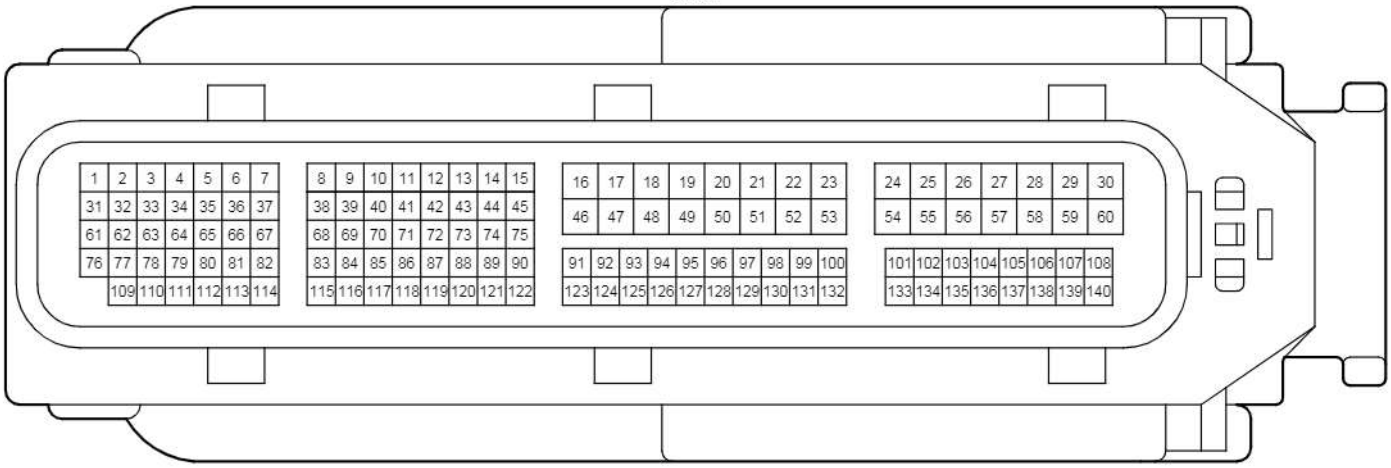
A 25
Black



A 94
Black



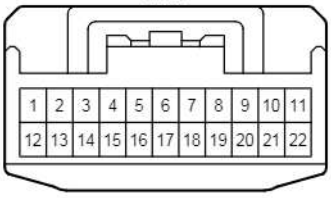
E 26
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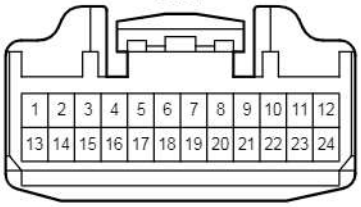
E 72
Black



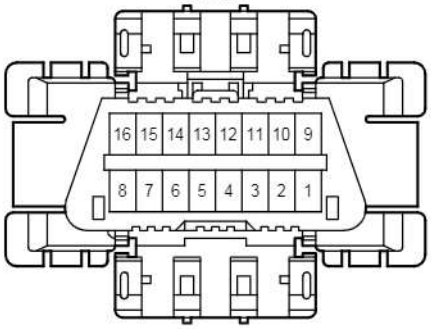
E 76
White



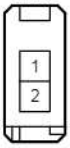
I 18
Black



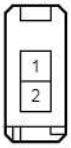
I 39
White



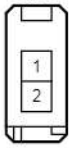
I 93
White



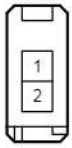
I 94
White



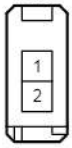
I 96
White



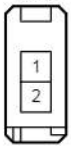
I100
White



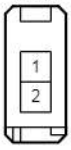
I101
White



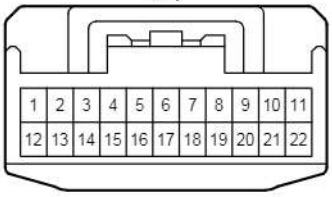
I104
White



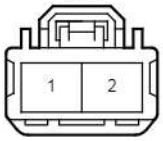
I105
White



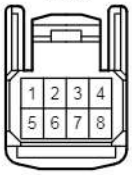
I125
Gray



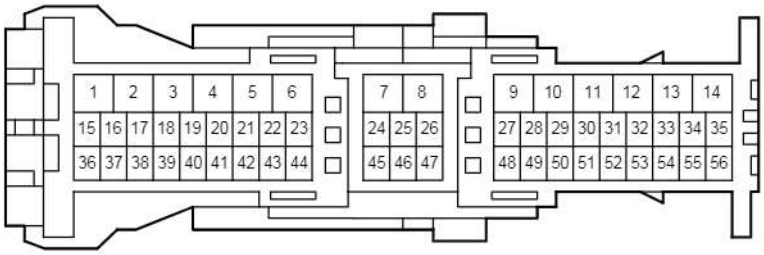
j 2
White



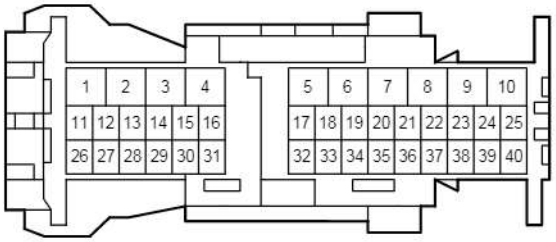
j 3
White



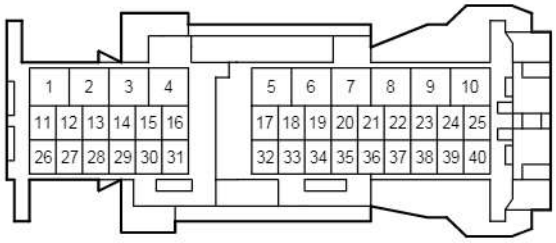
3A
White



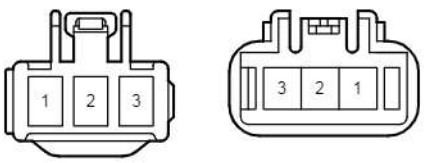
3B
White

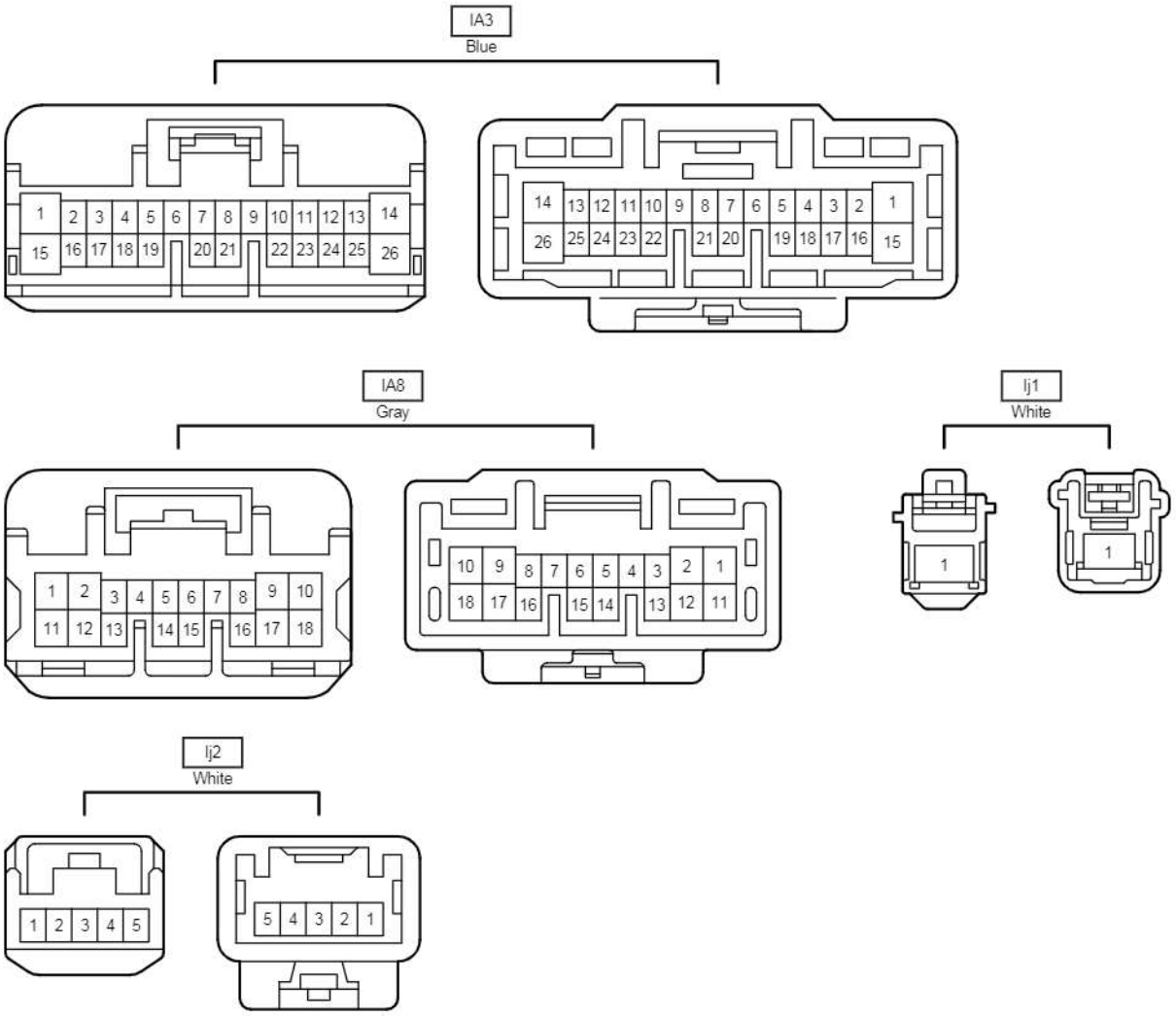


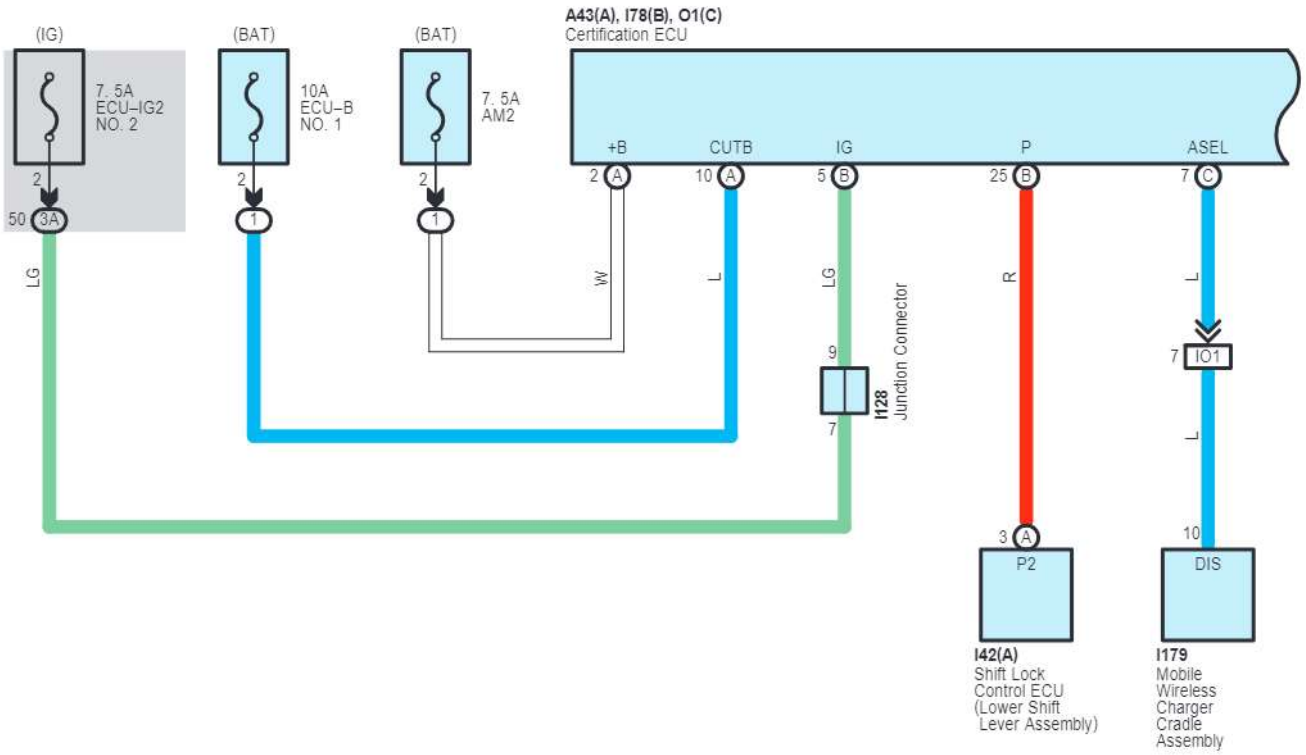
3D
White

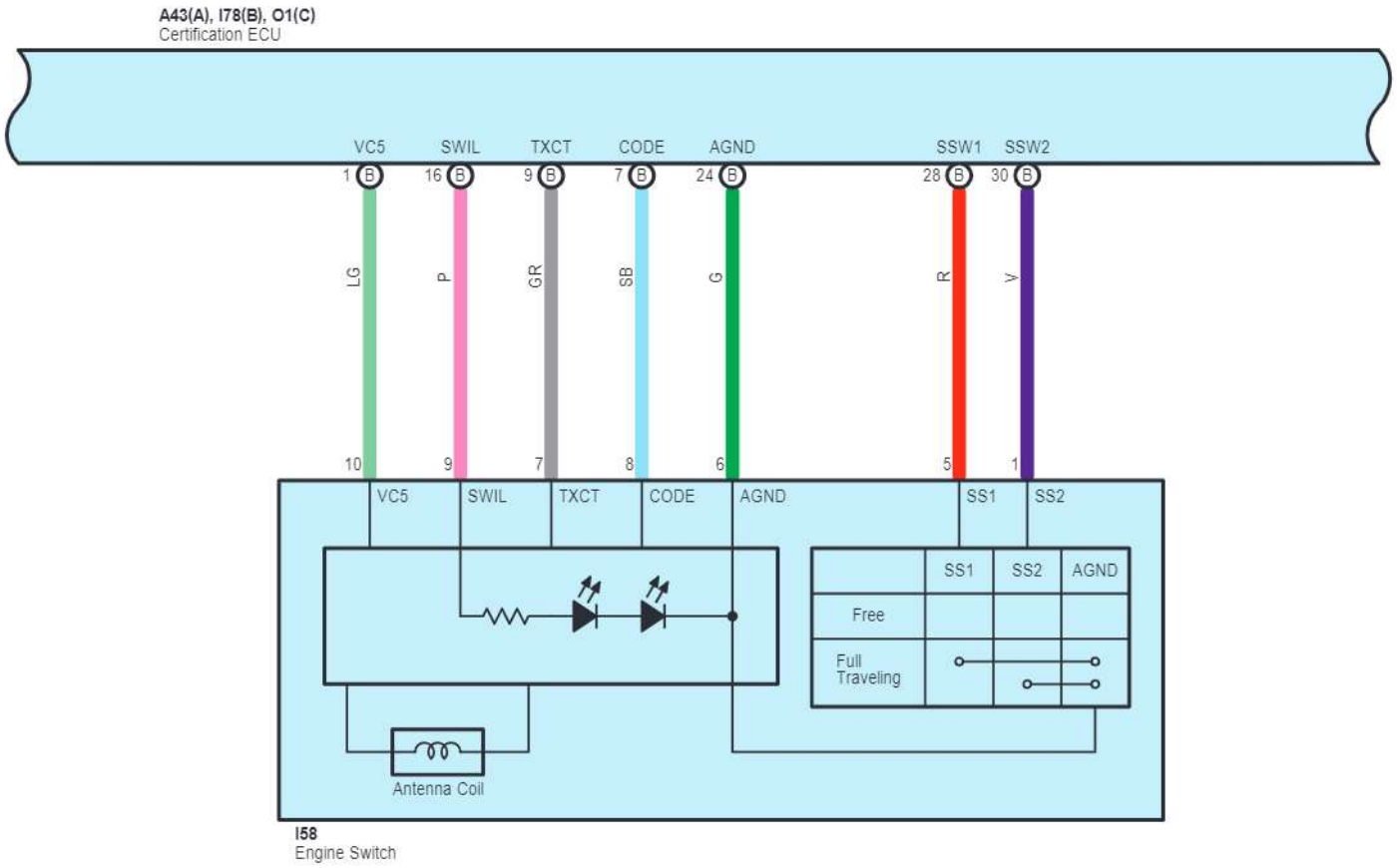


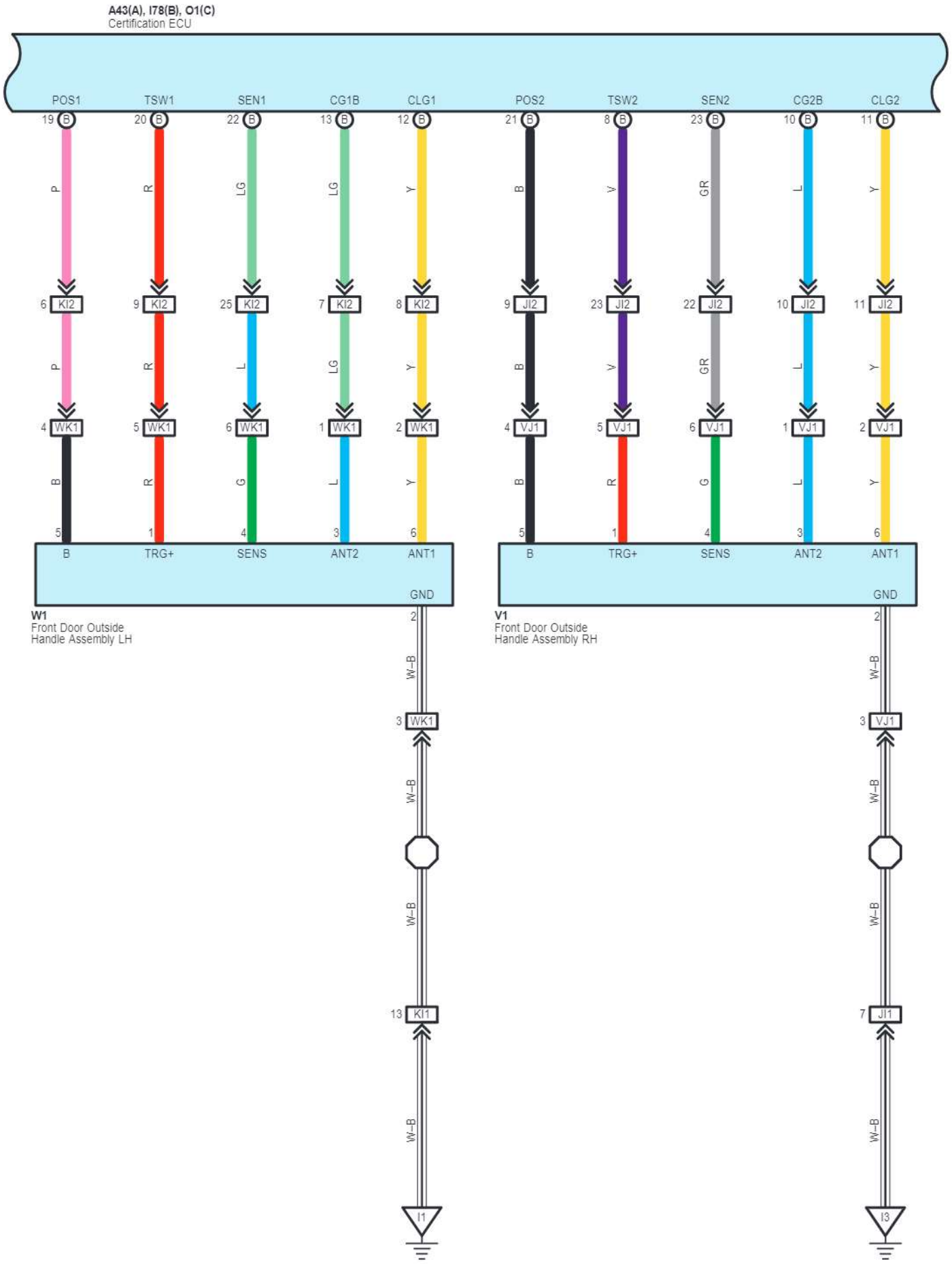
IA2
Gray

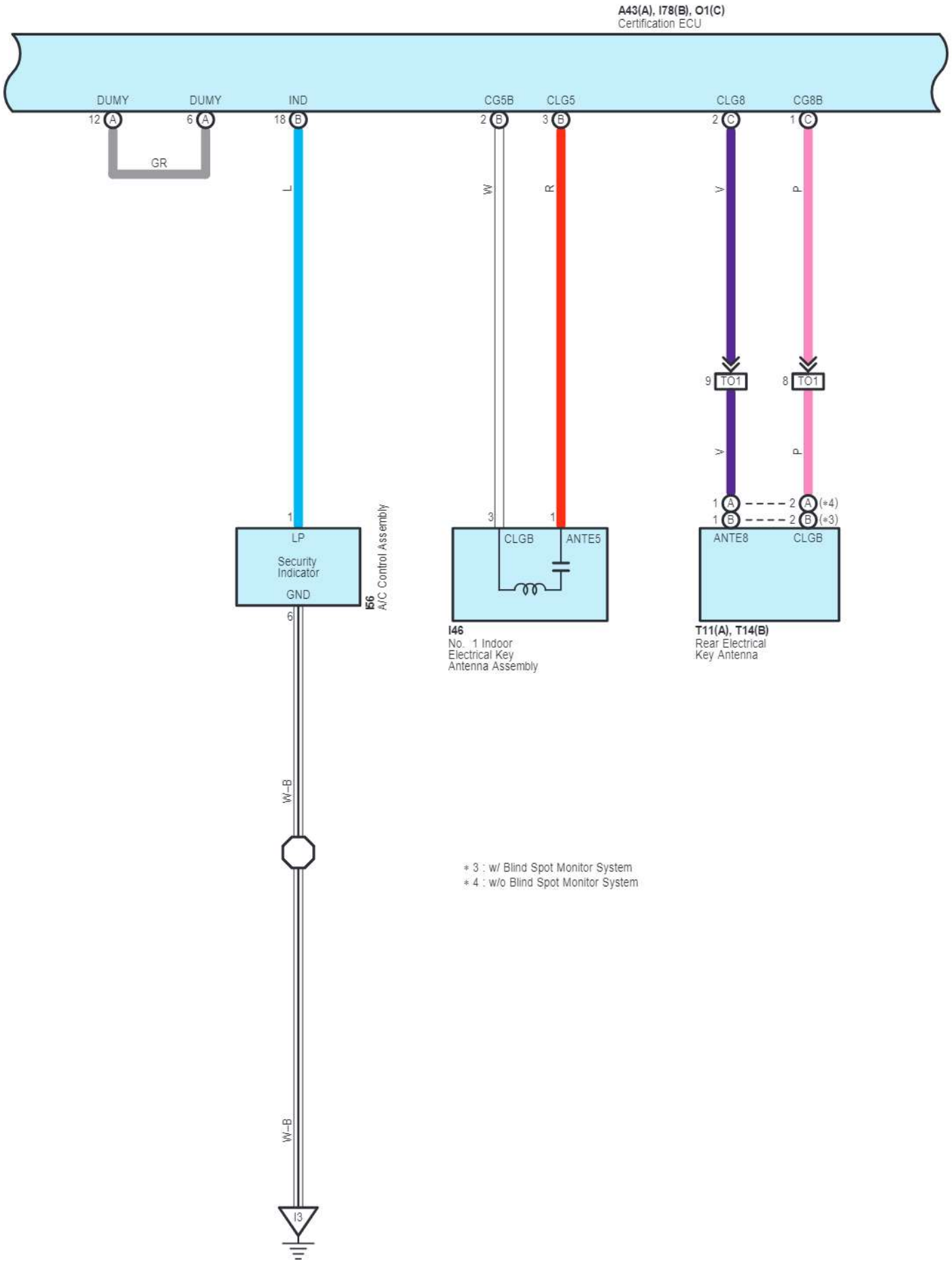


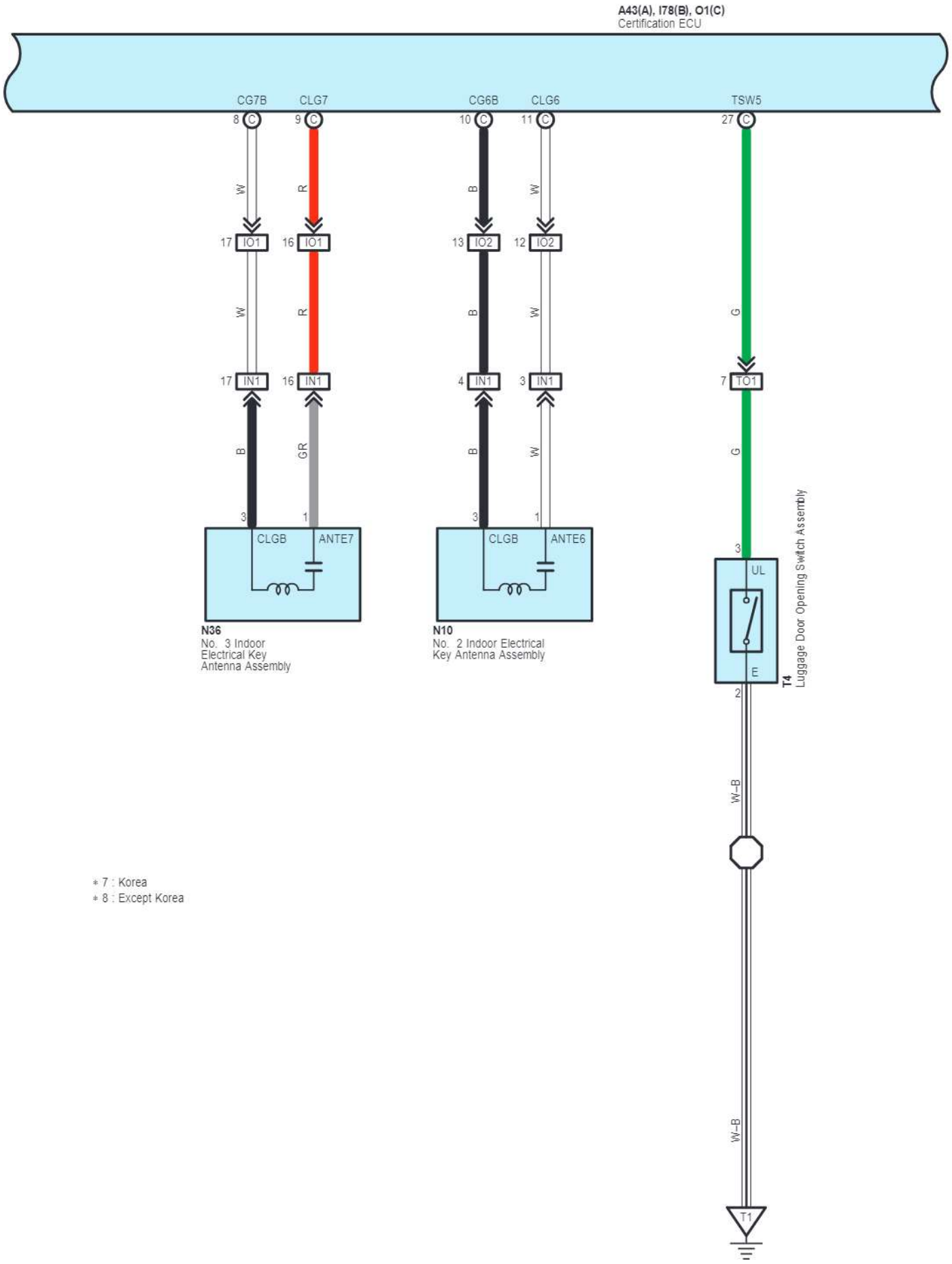

IA3
Blue
1 2 3 4 5 6 7 8 9 10 11 12 13 14
15 16 17 18 19 20 21 22 23 24 25 26
14 13 12 11 10 9 8 7 6 5 4 3 2 1
26 25 24 23 22 21 20 19 18 17 16 15
IA8
Gray
1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18
10 9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11
Ij1
White
1
1
Ij2
White
1 2 3 4 5
5 4 3 2 1


(IG)
7. 5A
ECU–IG2
NO. 2
2
50
3A
LG
(BAT)
10A
ECU–B
NO. 1
2
1
(BAT)
7. 5A
AM2
2
1
A43(A), I78(B), O1(C)
Certification ECU
+B
CUTB
IG
P
ASEL
2 A
10 A
5 B
25 B
7 C
W
L
LG
R
L
9
7
I128
Junction Connector
7
IO1
L
3 A
10
P2
DIS
I42(A)
Shift Lock
Control ECU
(Lower Shift
Lever Assembly)
I179
Mobile
Wireless
Charger
Cradle
Assembly

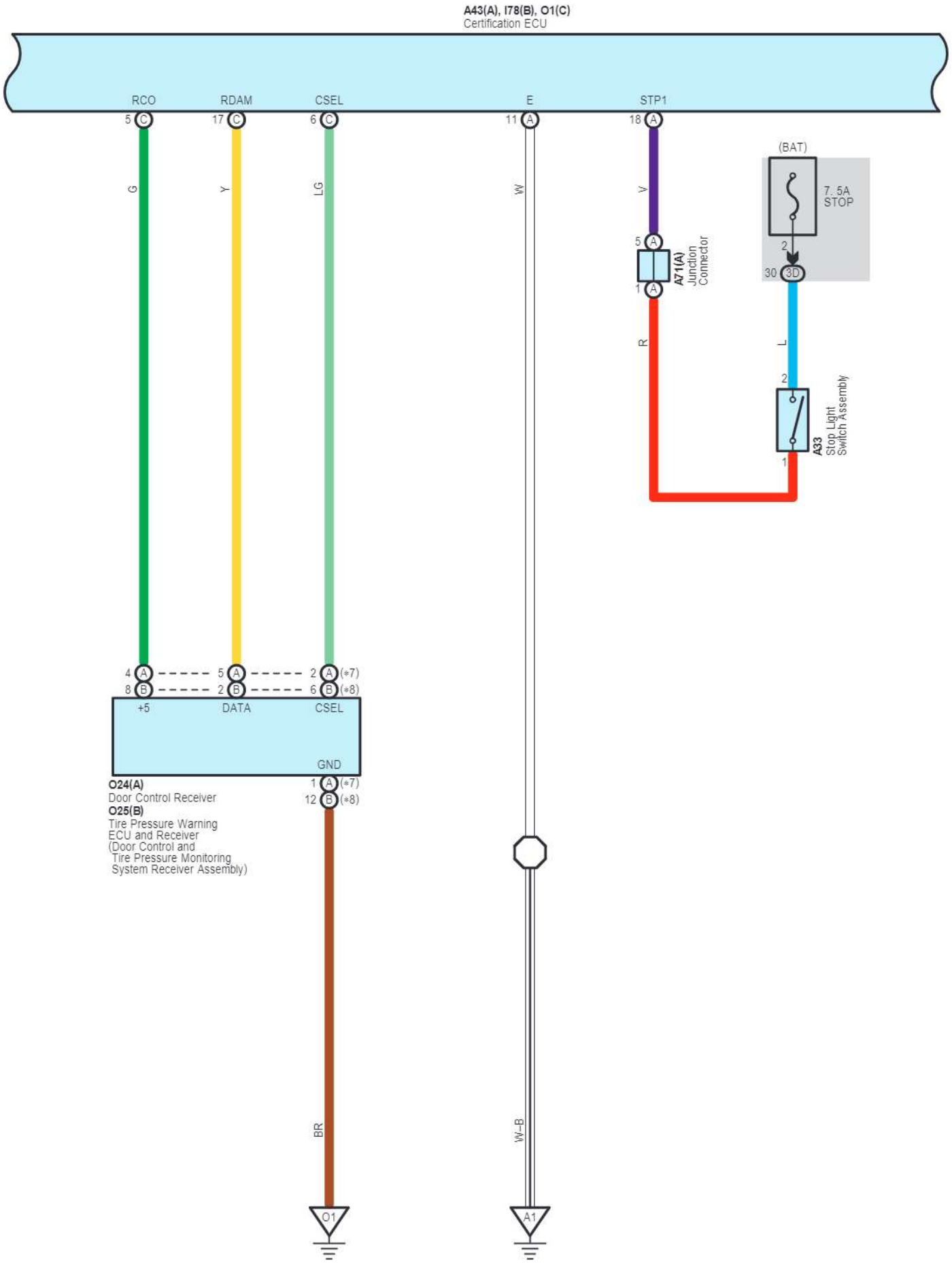

A43(A), I78(B), O1(C)
Certification ECU
VC5
SWIL
TXCT
CODE
AGND
SSW1
SSW2
1 B
16 B
9 B
7 B
24 B
28 B
30 B
LG
P
GR
SB
G
R
Y
10
9
7
8
6
5
1
VC5
SWIL
TXCT
CODE
AGND
SS1
SS2
SS1
SS2
AGND
Free
Full Traveling
Antenna Coil
I58
Engine Switch

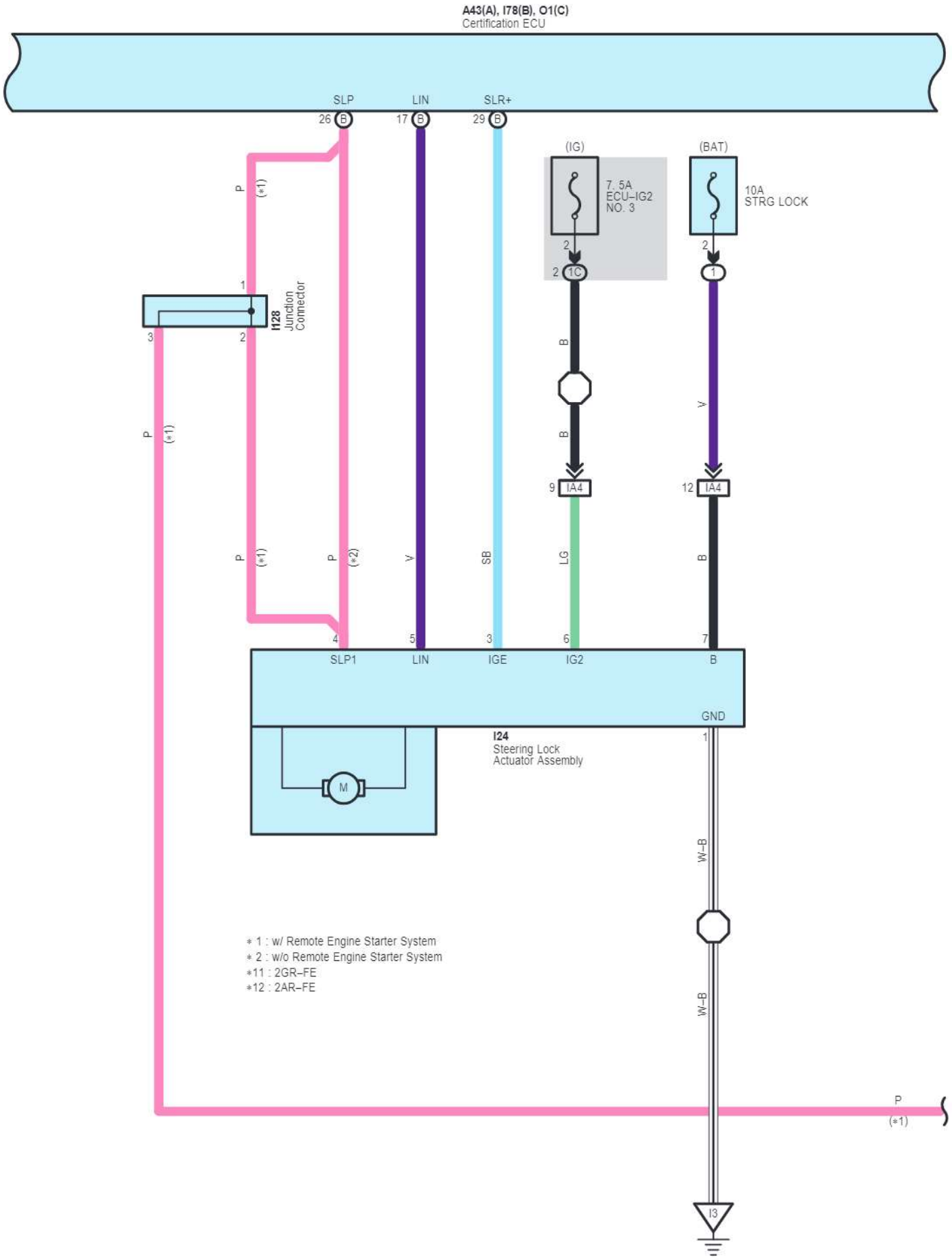

A43(A), I78(B), O1(C)
Certification ECU
POS1
TSW1
SEN1
CG1B
CLG1
POS2
TSW2
SEN2
CG2B
CLG2
19 B
20 B
22 B
13 B
12 B
21 B
8 B
23 B
10 B
11 B
P
R
LG
LG
Y
B
V
GR
L
Y
6 KI2
9 KI2
25 KI2
7 KI2
8 KI2
9 JI2
23 JI2
22 JI2
10 JI2
11 JI2
4 WK1
5 WK1
6 WK1
1 WK1
2 WK1
4 VJ1
5 VJ1
6 VJ1
1 VJ1
2 VJ1
5
1
4
3
6
B
TRG+
SENS
ANT2
ANT1
GND
W1
Front Door Outside
Handle Assembly LH
V1
Front Door Outside
Handle Assembly RH
2
3 WK1
13 KI1
3 VJ1
7 JI1
W-B
I1
I3

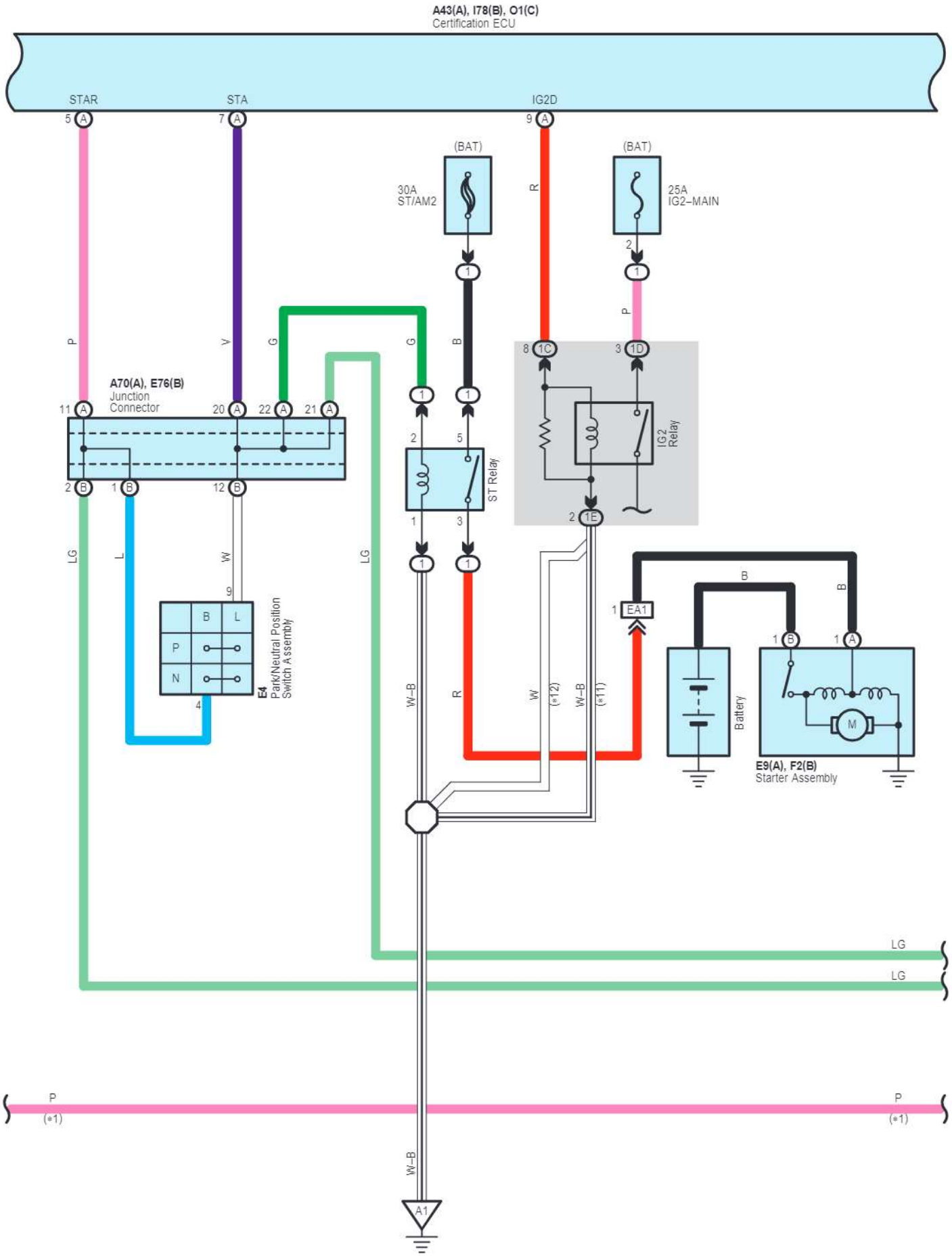

A43(A), I78(B), O1(C)
Certification ECU
DUMY
DUMY
IND
CG5B
CLG5
CLG8
CG8B
12 A
6 A
18 B
2 B
3 B
2 C
1 C
GR
L
W
R
V
P
9 TO1
8 TO1
1
3
1
LP
Security Indicator
GND
6
I56
A/C Control Assembly
CLGB
ANTE5
I46
No. 1 Indoor Electrical Key Antenna Assembly
1 A
2 A (*4)
1 B
2 B (*3)
ANTE8
CLGB
T11(A), T14(B)
Rear Electrical Key Antenna
W-B
W-B
I3
* 3 : w/ Blind Spot Monitor System
* 4 : w/o Blind Spot Monitor System

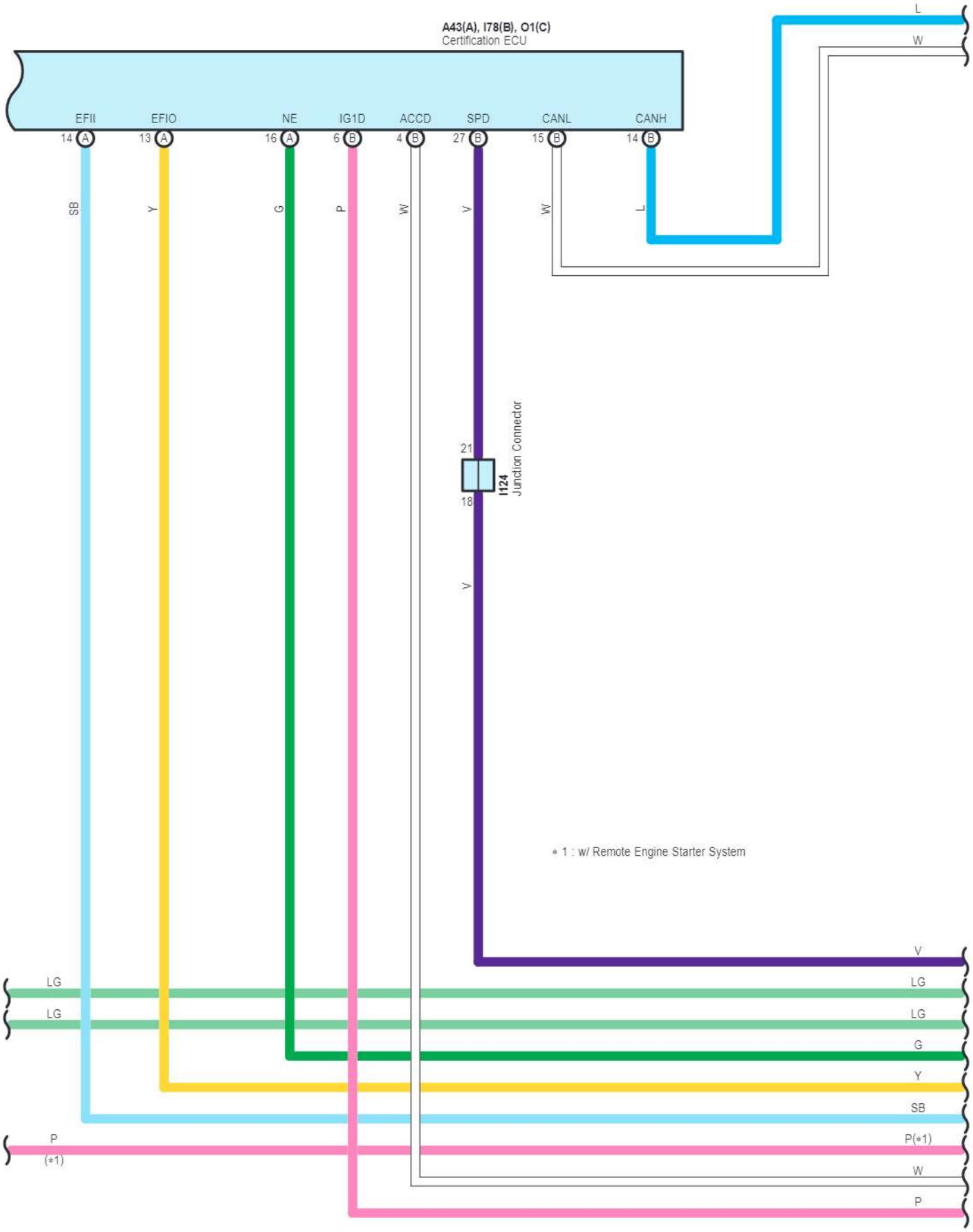


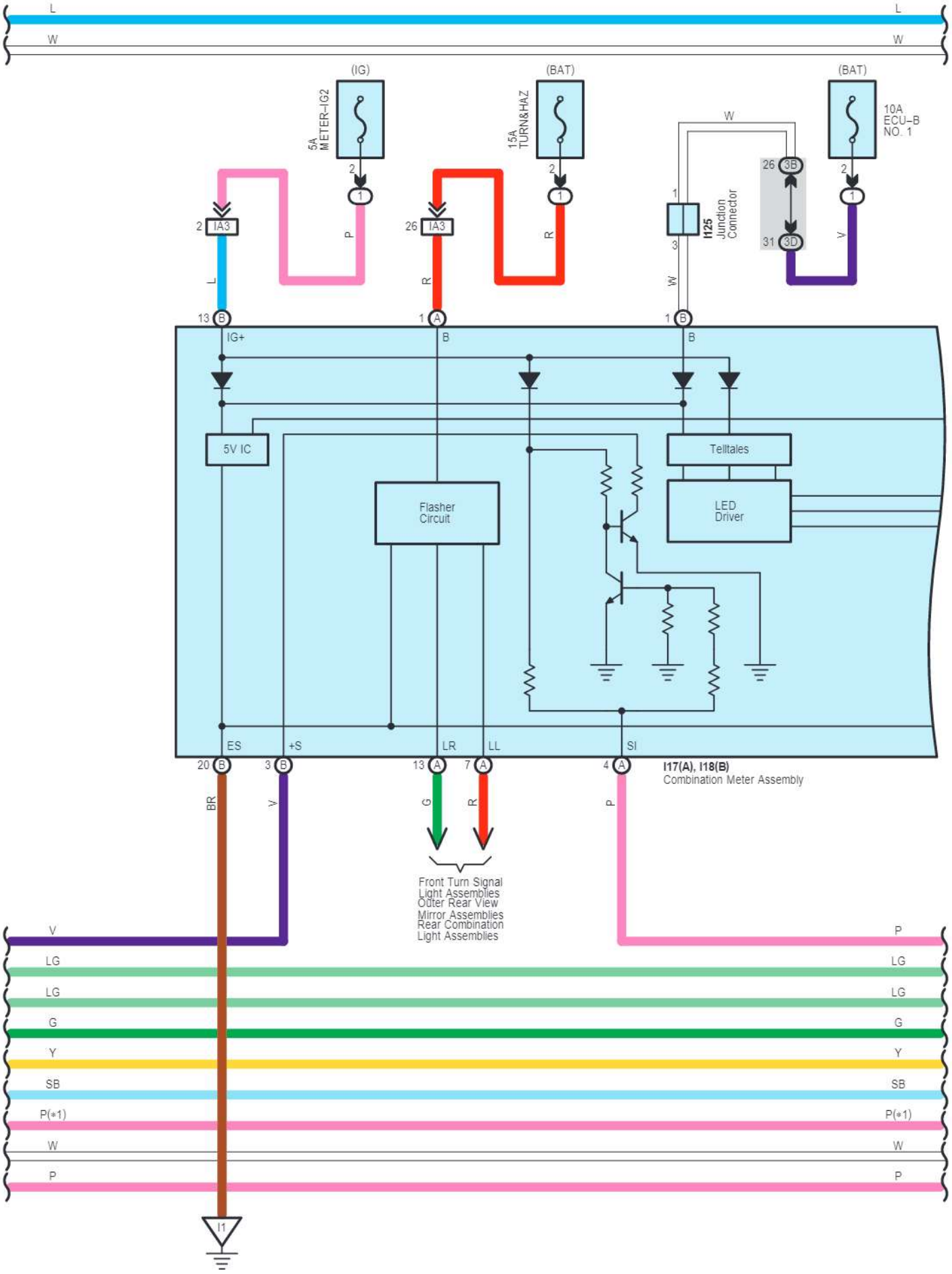
* 7 : Korea
* 8 : Except Korea

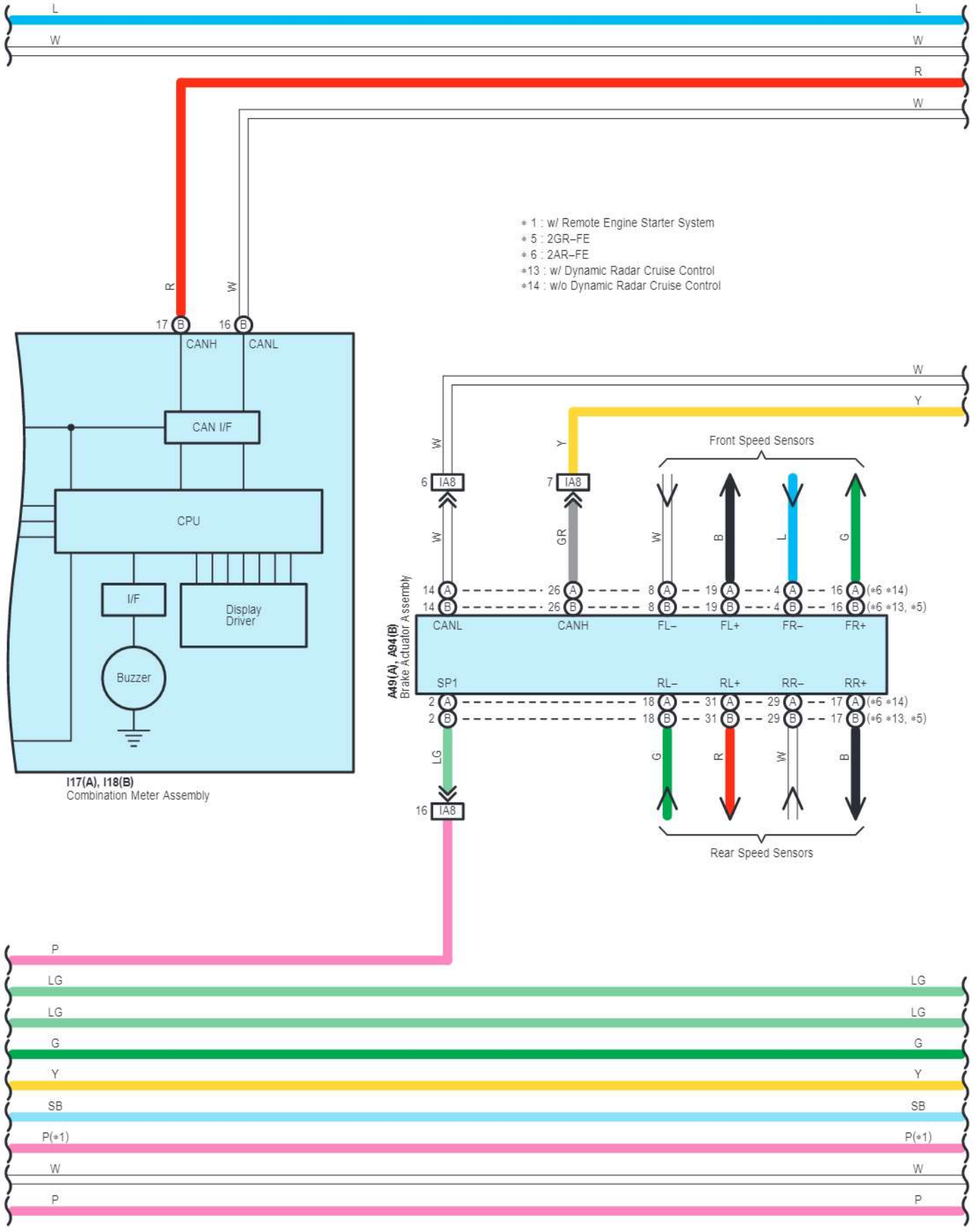

A43(A), I78(B), O1(C)
Certification ECU
RCO
RDAM
CSEL
E
STP1
5 C
17 C
6 C
11 A
18 A
G
Y
LG
W
V
(BAT)
7. 5A
STOP
2
30 3D
5 A
1 A
A71(A)
Junction
Connector
R
L
2
1
A33
Stop Light
Switch Assembly
4 A
8 B
5 A
2 B
2 A (*7)
6 B (*8)
+5
DATA
CSEL
GND
1 A (*7)
12 B (*8)
O24(A)
Door Control Receiver
O25(B)
Tire Pressure Warning
ECU and Receiver
(Door Control and
Tire Pressure Monitoring
System Receiver Assembly)
BR
W-B
O1
A1

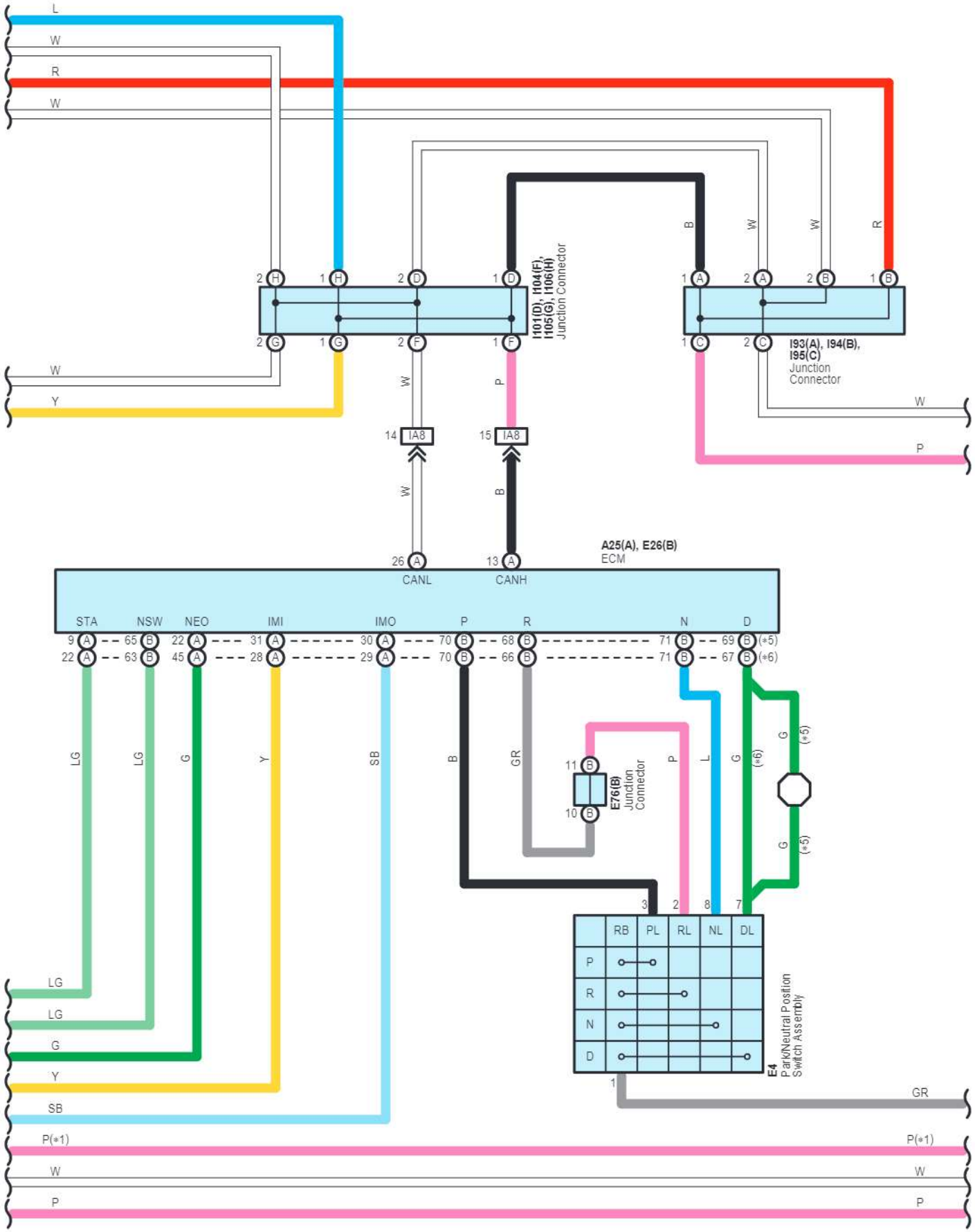

A43(A), I78(B), O1(C)
Certification ECU
SLP
LIN
SLR+
26 B
17 B
29 B
(IG)
(BAT)
7. 5A
ECU–IG2
NO. 3
10A
STRG LOCK
2
2 1C
2
1
P
(*1)
1
I128
Junction
Connector
3
2
B
V
9 IA4
12 IA4
P
(*1)
P
(*1)
P
(*2)
V
SB
LG
B
4
5
3
6
7
SLP1
LIN
IGE
IG2
B
GND
I24
Steering Lock
Actuator Assembly
M
1
W–B
W–B
P
(*1)
I3
* 1 : w/ Remote Engine Starter System
* 2 : w/o Remote Engine Starter System
*11 : 2GR–FE
*12 : 2AR–FE

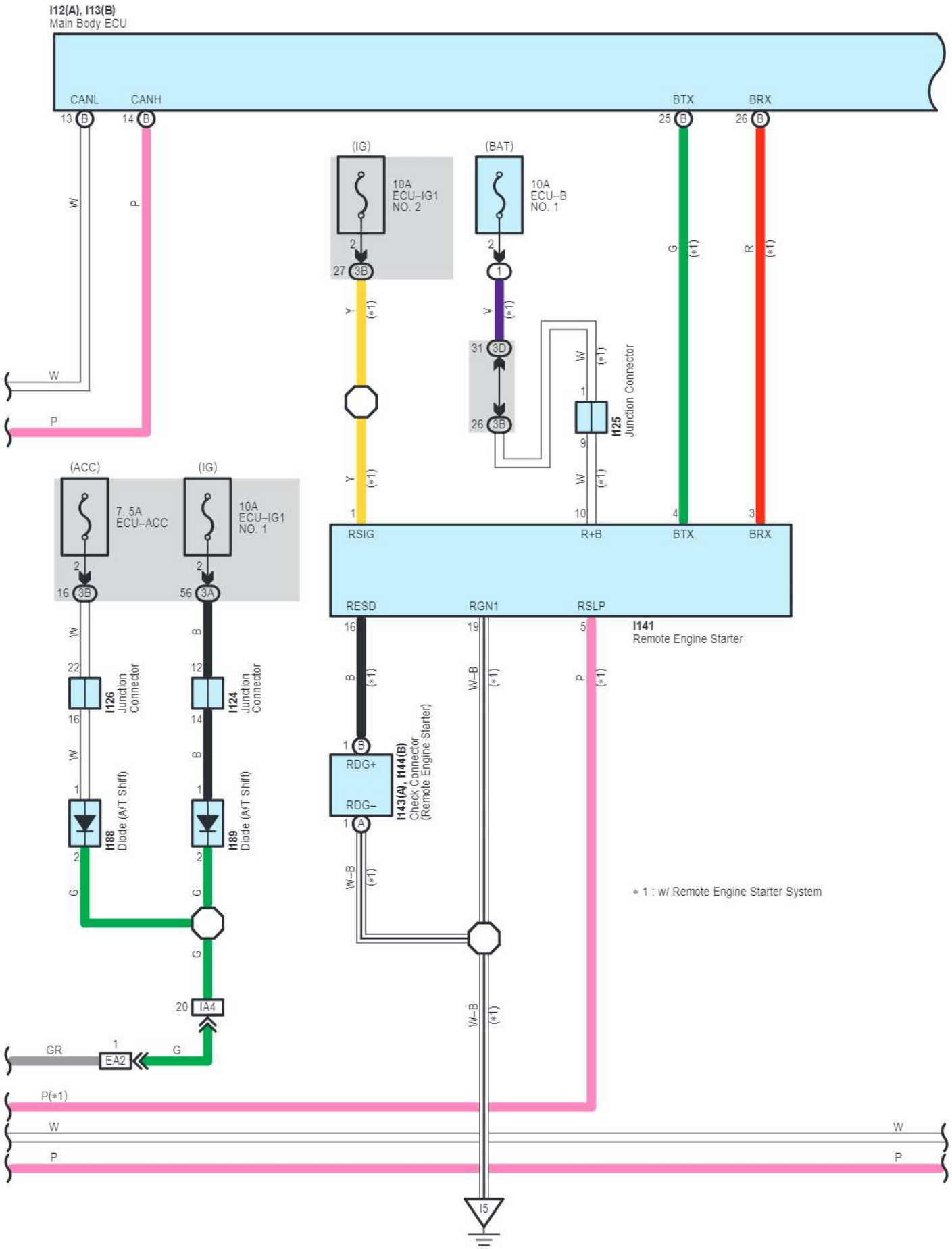

A43(A), I78(B), O1(C)
Certification ECU
STAR
STA
IG2D
5 A
7 A
9 A
(BAT)
30A
ST/AM2
(BAT)
25A
IG2–MAIN
R
P
V
G
G
B
P
8 1C
3 1D
A70(A), E76(B)
Junction
Connector
11 A
20 A
22 A
21 A
2 B
1 B
12 B
IG2
Relay
ST Relay
2 1E
LG
L
W
LG
9
B L
P
N
4
E4
Park/Neutral Position
Switch Assembly
W–B
R
W
(*12)
W–B
(*11)
1 EA1
B
B
1 B
1 A
Battery
M
E9(A), F2(B)
Starter Assembly
LG
LG
P
(*1)
P
(*1)
W–B
A1

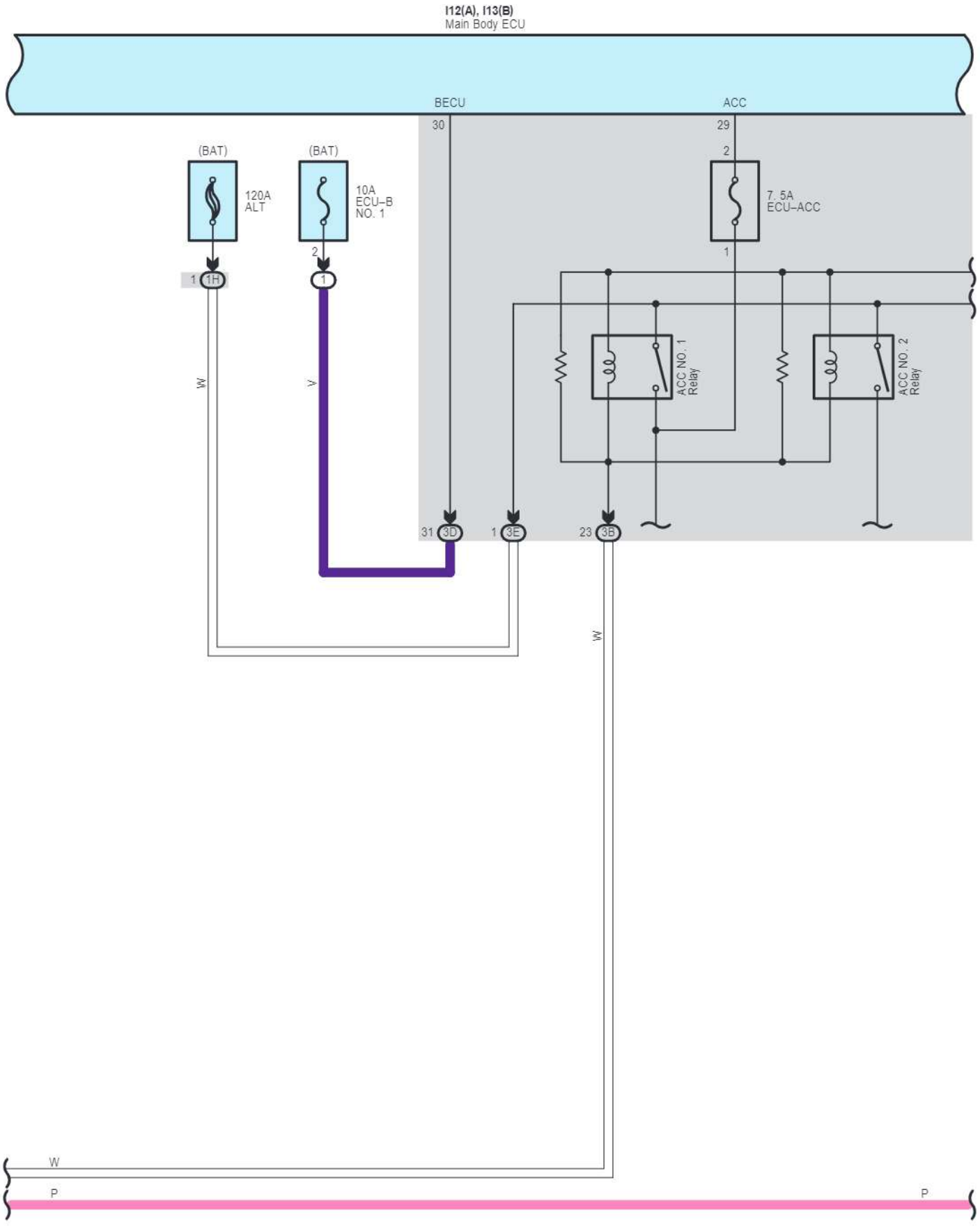

A43(A), I78(B), O1(C)
Certification ECU
EFII
EFIO
NE
IG1D
ACCD
SPD
CANL
CANH
14 A
13 A
16 A
6 B
4 B
27 B
15 B
14 B
SB
Y
G
P
W
V
W
L
L
W
21
I124
Junction Connector
18
V
* 1 : w/ Remote Engine Starter System
V
LG
LG
LG
LG
G
Y
SB
P
(*1)
P(*1)
W
P

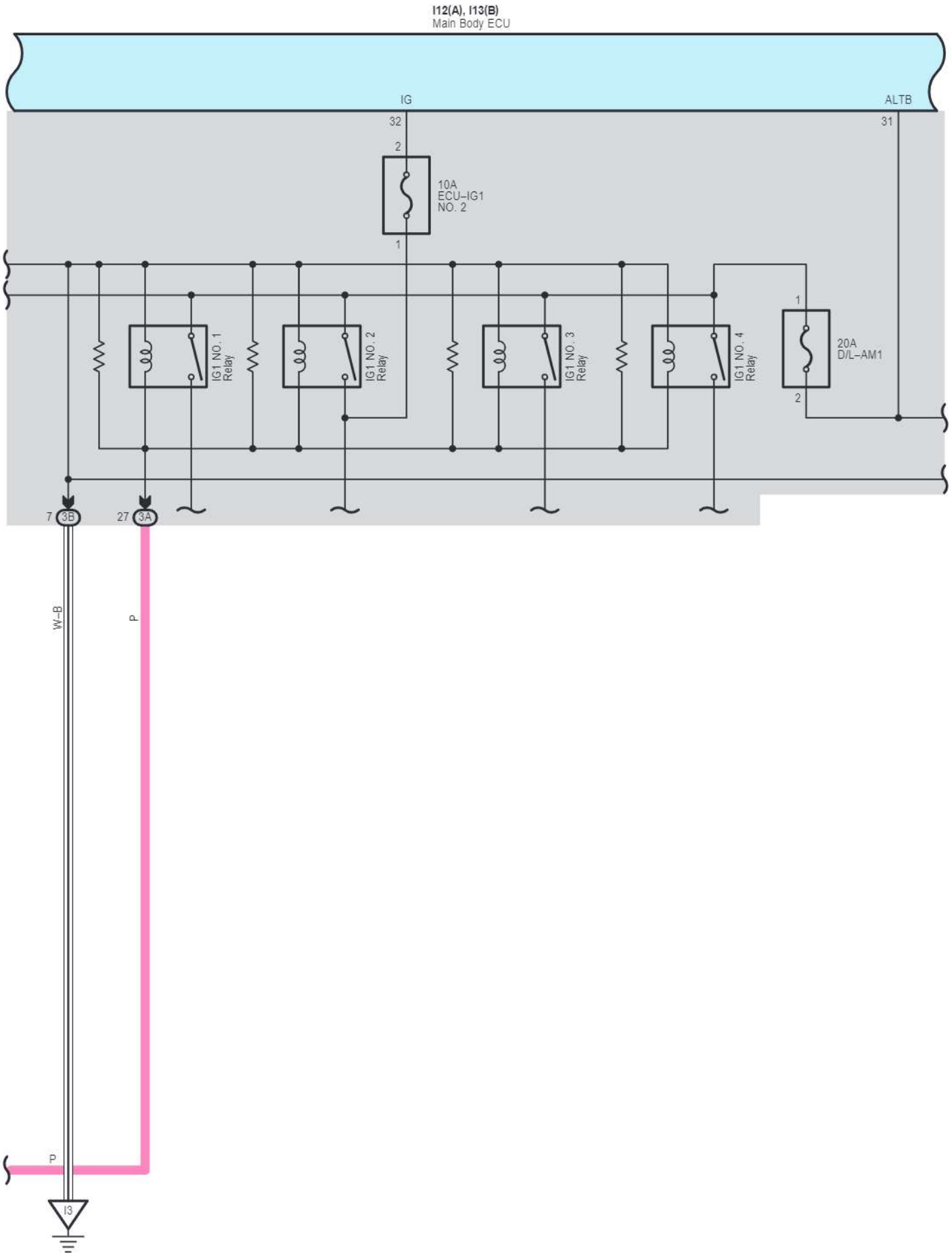

L
W
(IG)
5A METER-IG2
(BAT)
15A TURN&HAZ
(BAT)
10A ECU-B NO. 1
I125 Junction Connector
IA3
IG+
B
5V IC
Telltales
Flasher Circuit
LED Driver
ES
+S
LR
LL
SI
I17(A), I18(B) Combination Meter Assembly
Front Turn Signal Light Assemblies
Outer Rear View Mirror Assemblies
Rear Combination Light Assemblies
I1

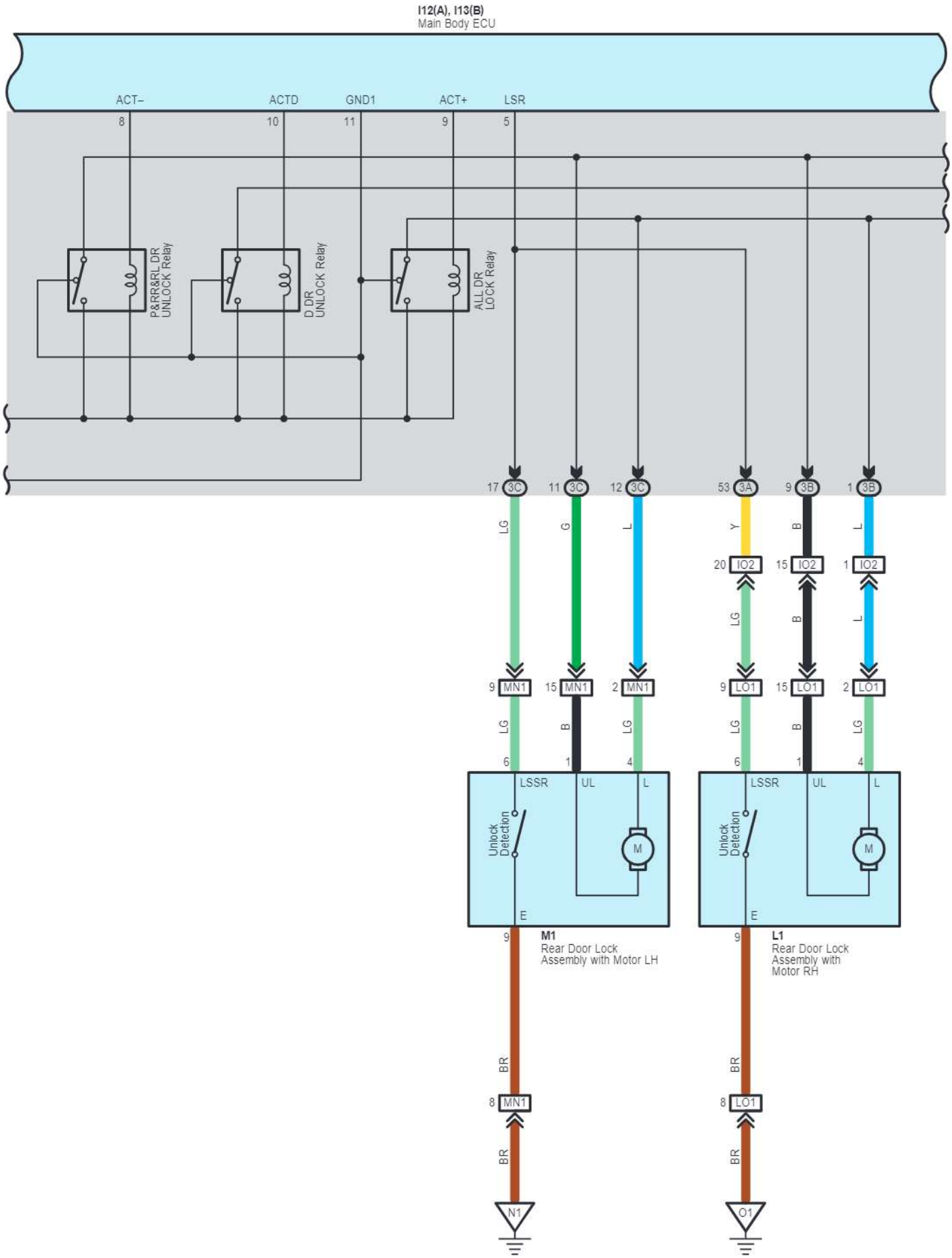

L
W
R
W
L
W
R
W
* 1 : w/ Remote Engine Starter System
* 5 : 2GR–FE
* 6 : 2AR–FE
*13 : w/ Dynamic Radar Cruise Control
*14 : w/o Dynamic Radar Cruise Control
17 B
16 B
CANH
CANL
CAN I/F
CPU
I/F
Display Driver
Buzzer
I17(A), I18(B)
Combination Meter Assembly
W
Y
Front Speed Sensors
6 IA8
7 IA8
14 A
14 B
26 A
26 B
8 A
8 B
19 A
19 B
4 A
4 B
16 A (*6 *14)
16 B (*6 *13, *5)
CANL
CANH
FL–
FL+
FR–
FR+
A49(A), A94(B)
Brake Actuator Assembly
SP1
RL–
RL+
RR–
RR+
2 A
2 B
18 A
18 B
31 A
31 B
29 A
29 B
17 A (*6 *14)
17 B (*6 *13, *5)
LG
16 IA8
Rear Speed Sensors
P
LG
LG
G
Y
SB
P(*1)
W
P

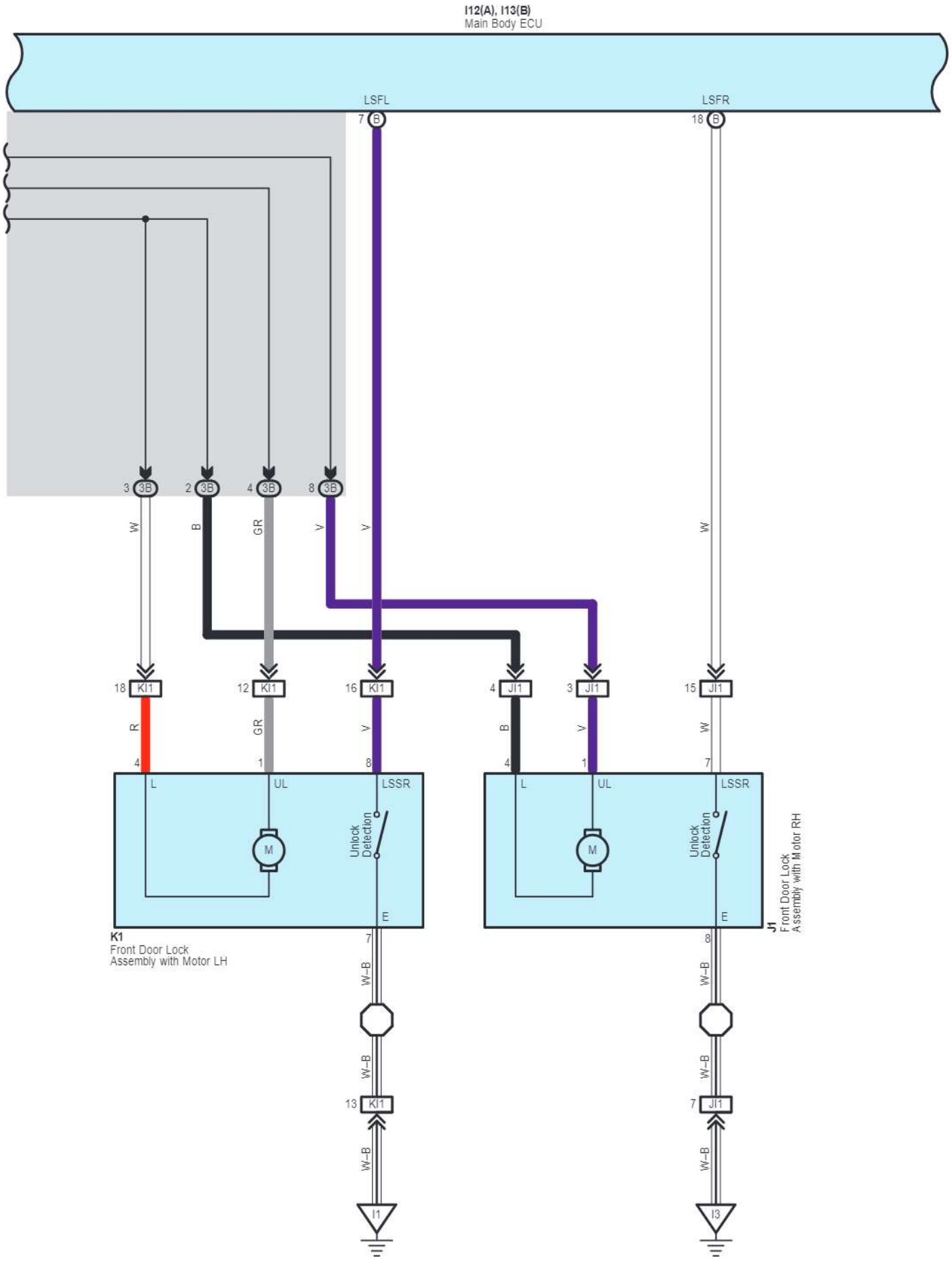

L
W
R
W
I101(D), I104(F), I105(G), I106(H) Junction Connector
I93(A), I94(B), I95(C) Junction Connector
W
Y
W
P
14 IA8
15 IA8
W
B
A25(A), E26(B) ECM
26 CANL
13 CANH
STA
NSW
NEO
IMI
IMO
P
R
N
D
LG
LG
G
Y
SB
B
GR
E76(B) Junction Connector
P
L
G (*6)
G (*5)
G (*5)
RB
PL
RL
NL
DL
P
R
N
D
E4 Park/Neutral Position Switch Assembly
GR
LG
LG
G
Y
SB
P(*1)
W
P
P(*1)
W
P

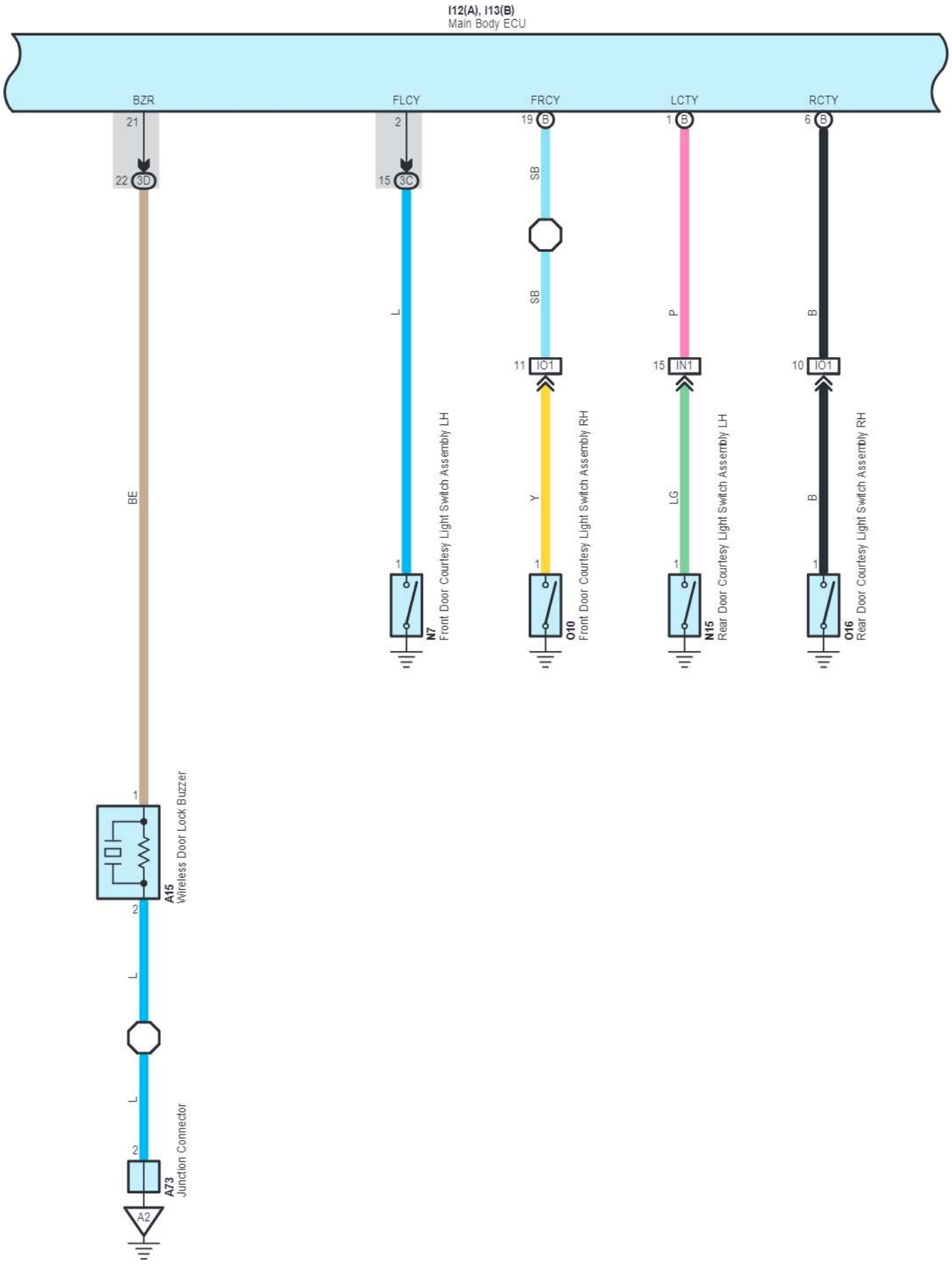

I12(A), I13(B)
Main Body ECU
CANL
CANH
BTX
BRX
13 B
14 B
25 B
26 B
W
P
G (*1)
R (*1)
(IG)
10A
ECU-IG1
NO. 2
(BAT)
10A
ECU-B
NO. 1
2
27 3B
Y (*1)
1
2
V (*1)
31 3D
26 3B
W (*1)
I125
Junction Connector
9
10
4
3
(ACC)
7. 5A
ECU-ACC
(IG)
10A
ECU-IG1
NO. 1
16 3B
56 3A
RSIG
R+B
BTX
BRX
RESD
RGN1
RSLP
I141
Remote Engine Starter
16
19
5
B (*1)
W-B (*1)
P (*1)
W
B
22
12
16
14
I126
Junction
Connector
I124
Junction
Connector
I188
Diode (A/T Shift)
I189
Diode (A/T Shift)
1 B
RDG+
RDG-
I143(A), I144(B)
Check Connector
(Remote Engine Starter)
1 A
G
20 IA4
GR
1
EA2
P(*1)
W
P
I5
* 1 : w/ Remote Engine Starter System

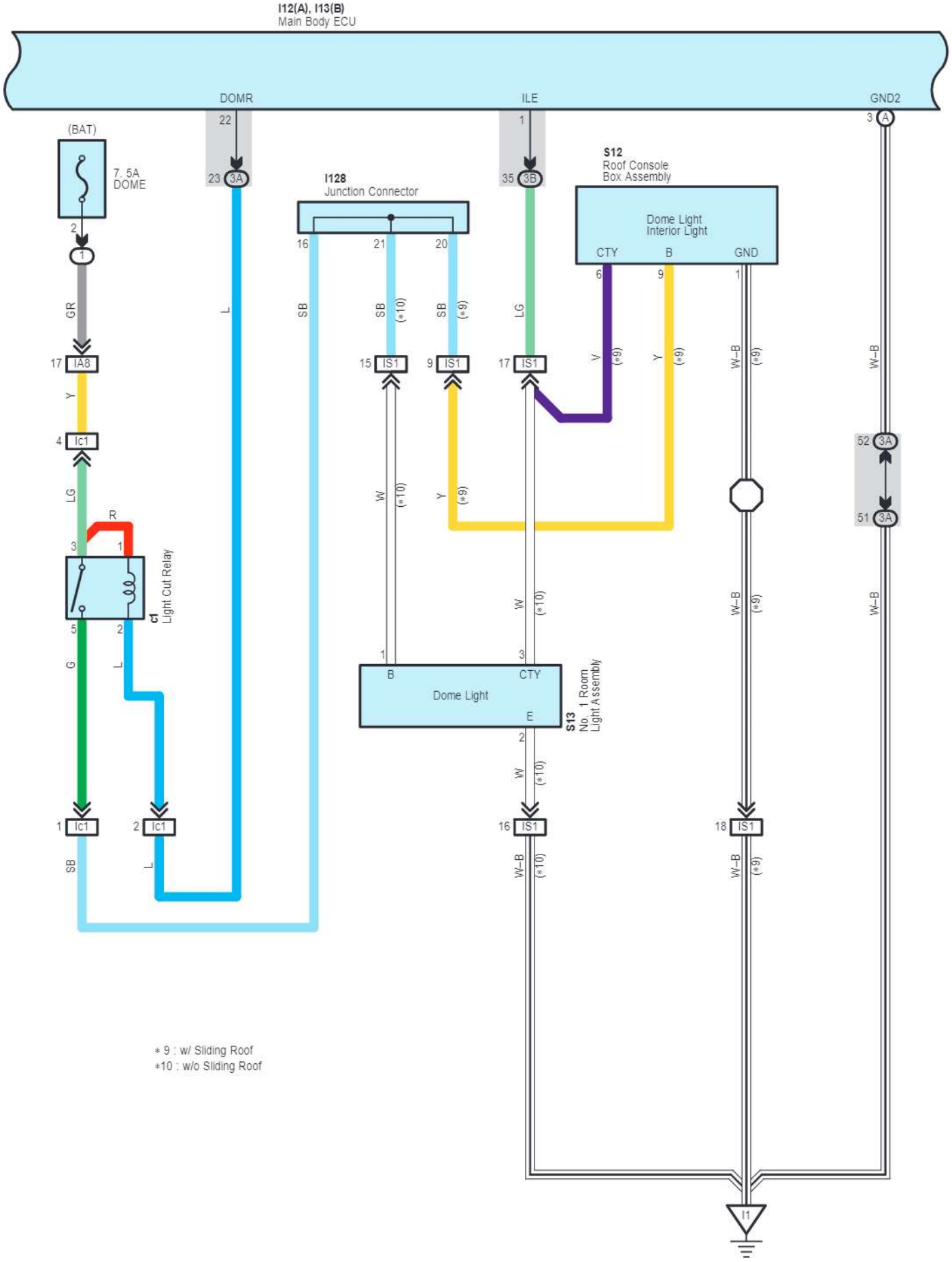

I12(A), I13(B)
Main Body ECU
BECU
ACC
30
29
2
(BAT)
(BAT)
120A
ALT
10A
ECU-B
NO. 1
7. 5A
ECU-ACC
1
1H
2
1
W
V
ACC NO. 1
Relay
ACC NO. 2
Relay
31
3D
1
3E
23
3B
W
W
P
P

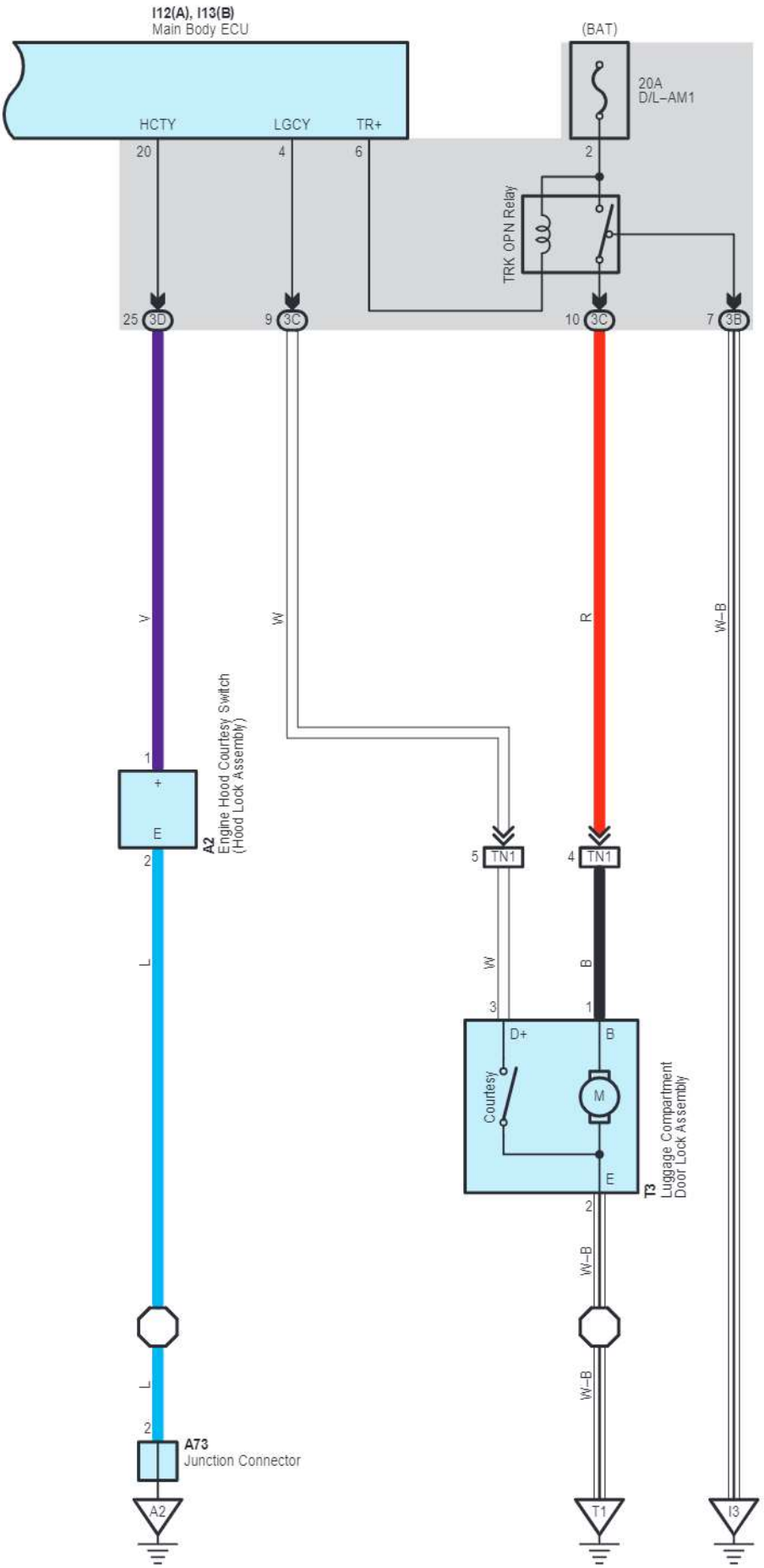

I12(A), I13(B)
Main Body ECU
IG
ALTB
32
31
2
10A
ECU–IG1
NO. 2
1
IG1 NO. 1 Relay
IG1 NO. 2 Relay
IG1 NO. 3 Relay
IG1 NO. 4 Relay
1
20A
D/L–AM1
2
7 3B
27 3A
W–B
P
P
I3


I12(A), I13(B)
Main Body ECU
ACT–
ACTD
GND1
ACT+
LSR
8
10
11
9
5
P&RR&RL DR UNLOCK Relay
D DR UNLOCK Relay
ALL DR LOCK Relay
17 3C
11 3C
12 3C
53 3A
9 3B
1 3B
LG
G
L
Y
B
L
20 IO2
15 IO2
1 IO2
LG
B
L
9 MN1
15 MN1
2 MN1
9 LO1
15 LO1
2 LO1
LG
B
LG
LG
B
LG
6
1
4
6
1
4
LSSR
UL
L
Unlock Detection
M
E
9
M1
Rear Door Lock Assembly with Motor LH
BR
8 MN1
BR
N1
LSSR
UL
L
Unlock Detection
M
E
9
L1
Rear Door Lock Assembly with Motor RH
BR
8 LO1
BR
O1

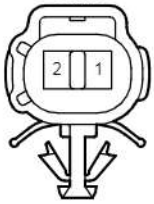

I12(A), I13(B)
Main Body ECU
LSFL
LSFR
7 B
18 B
3 3B
2 3B
4 3B
8 3B
W
B
GR
V
V
W
18 KI1
12 KI1
16 KI1
4 JI1
3 JI1
15 JI1
R
GR
V
B
V
W
4
1
8
4
1
7
L
UL
LSSR
M
Unlock Detection
E
K1
Front Door Lock Assembly with Motor LH
J1
Front Door Lock Assembly with Motor RH
7
8
W-B
W-B
13 KI1
7 JI1
W-B
W-B
I1
I3


I12(A), I13(B)
Main Body ECU
BZR
FLCY
FRCY
LCTY
RCTY
21
22 3D
2
15 3C
19 B
1 B
6 B
SB
SB
L
P
B
11 IO1
15 IN1
10 IO1
BE
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
A15
Wireless Door Lock Buzzer
L
A73
Junction Connector
A2


I12(A), I13(B)
Main Body ECU
DOMR
ILE
GND2
(BAT)
7. 5A
DOME
I128
Junction Connector
S12
Roof Console
Box Assembly
Dome Light
Interior Light
CTY
B
GND
Light Cut Relay
C1
S13
No. 1 Room
Light Assembly
Dome Light
CTY
B
E
I1
∗9 : w/ Sliding Roof
∗10 : w/o Sliding Roof


I12(A), I13(B)
Main Body ECU
HCTY
LGCY
TR+
20
4
6
(BAT)
20A
D/L–AM1
2
TRK OPN Relay
25 3D
9 3C
10 3C
7 3B
V
W
R
W–B
1
+
E
2
A2
Engine Hood Courtesy Switch
(Hood Lock Assembly)
5 TN1
4 TN1
W
B
3
1
D+
B
Courtesy
M
E
T3
Luggage Compartment
Door Lock Assembly
2
W–B
W–B
L
L
2
A73
Junction Connector
A2
T1
I3

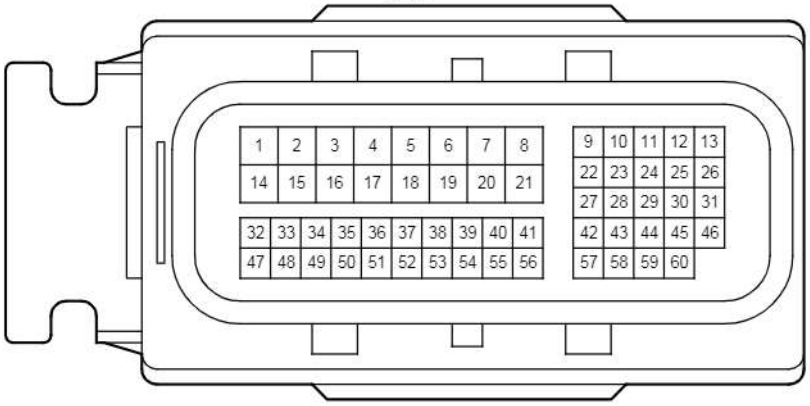
A 2
Black



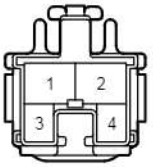
A 15
Gray



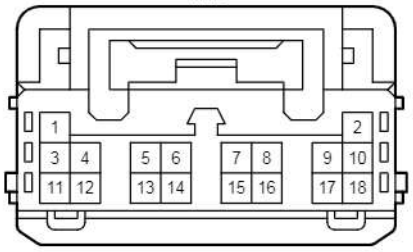
A 25
Black



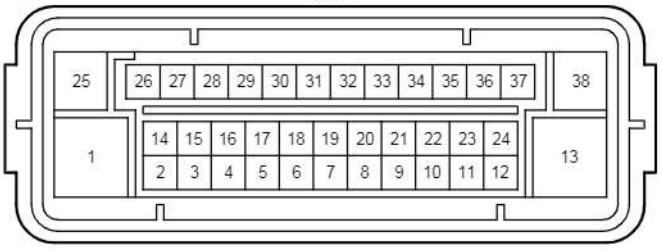
A 33
White



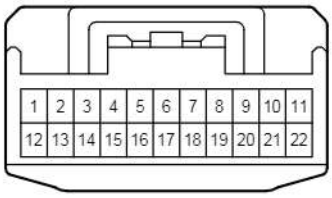
A 43
White



A 49
Black



A 70
White



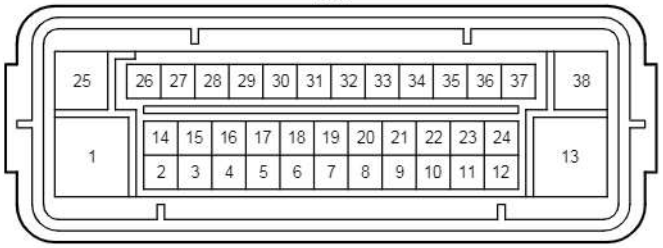
A 71
Gray



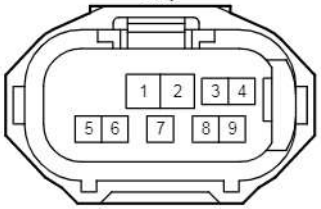
A 73
Gray



A 94
Black



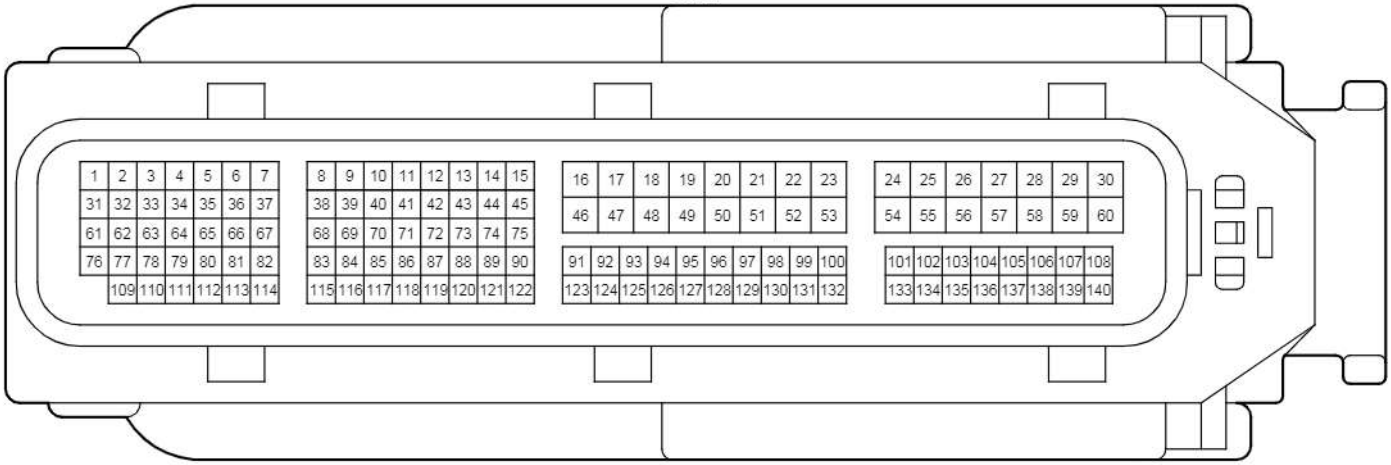
E 4
Gray



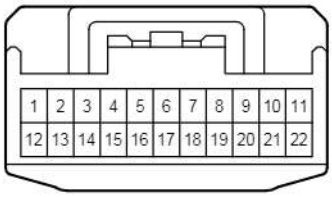
E 9
Black



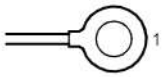
E 26
Black



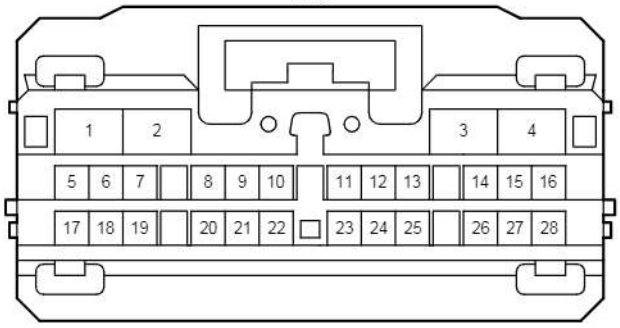
E 76
White



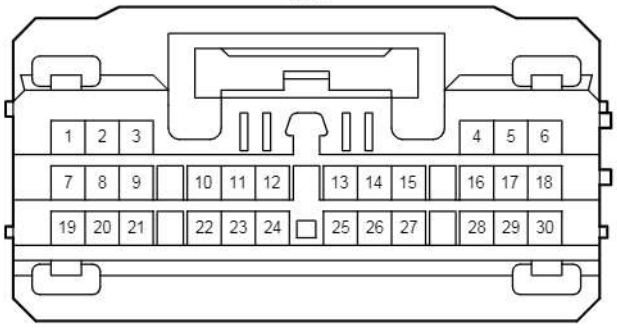
F 2



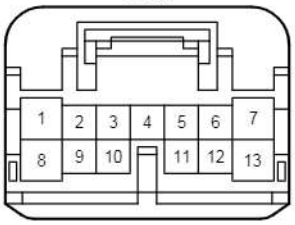
I 12
White



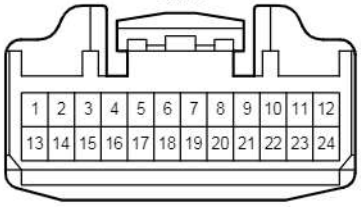
I 13
White



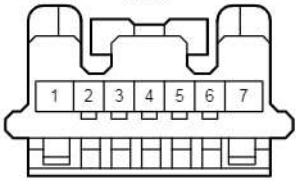
I 17
Black



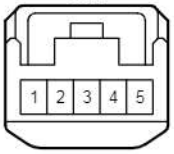
I 18
Black



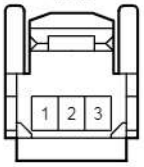
I 24
Black



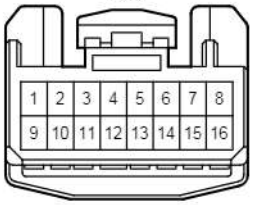
I 42
White



I 46
White



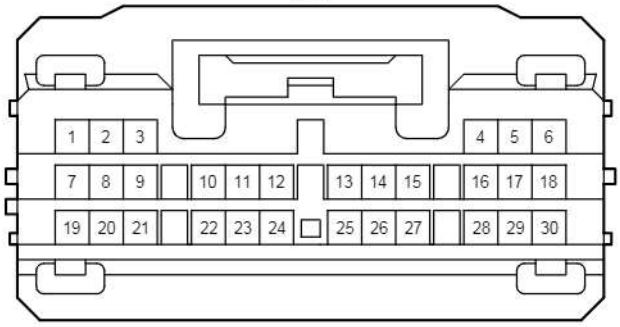
I 56
Black



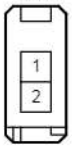
I 58
Black



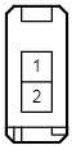
I 78
White



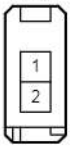
I 93
White



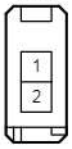
I 94
White



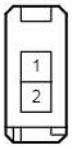
I 95
White



I101
White



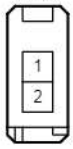
I104
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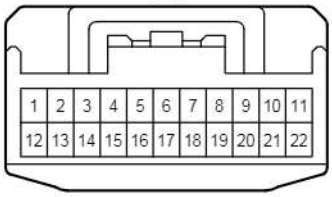
I105
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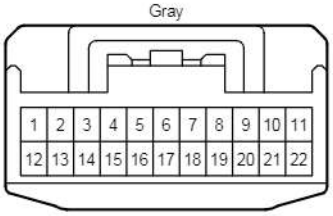
I106
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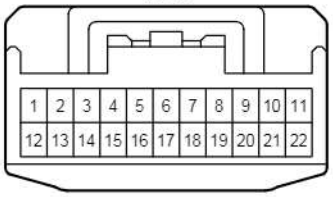
I124
White



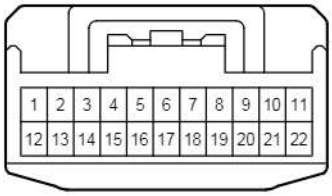
I125
Gray



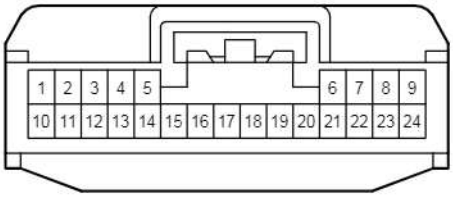
I126
White



I128
White



I141
White



I143
White



I144
White



I179
White



I188
Gray



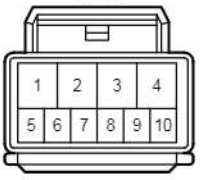
I189
Gray



J 1
White



K 1
White



L 1
White



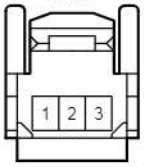
M 1
White



N 7
Black



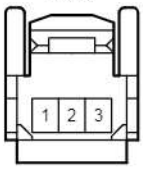
N 10
White



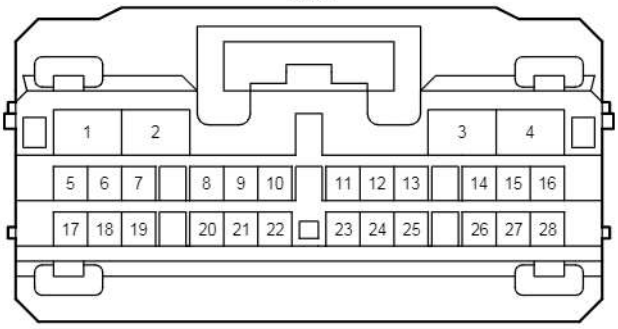
N 15
Black



N 36
Black



O 1
White



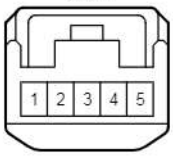
O 10
Black



O 16
Black



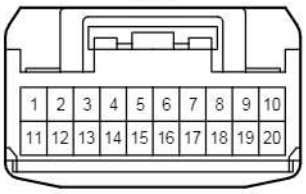
O 24
White



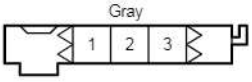
O 25
White



S 12
Black



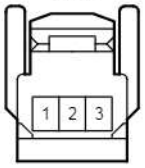
S 13
Gray



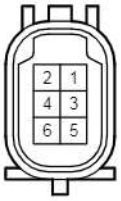
T 3
Black



T 4
White



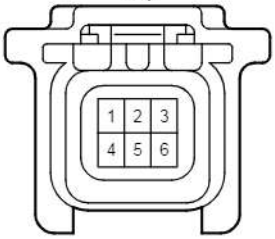
T 11
White



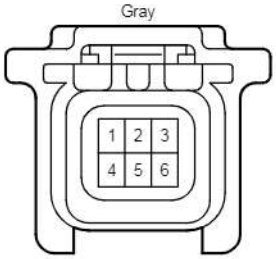
T 14
White



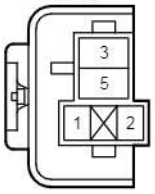
V 1
Gray



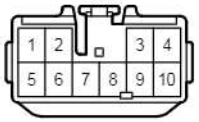
W 1
Gray



c 1
White



1C
White

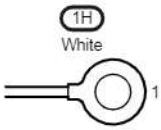


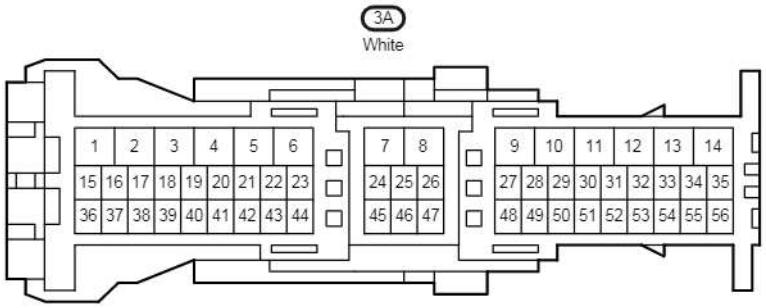
1D
White

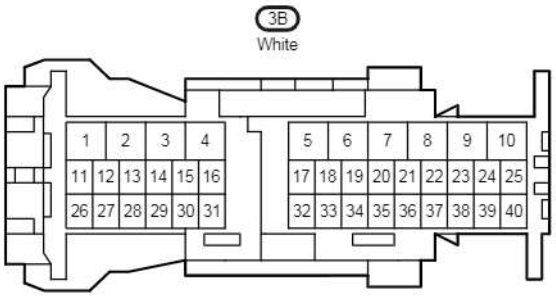


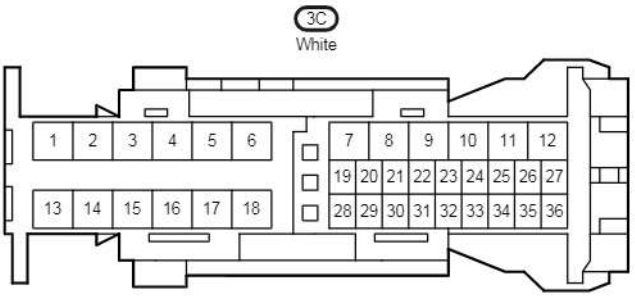
1E
White

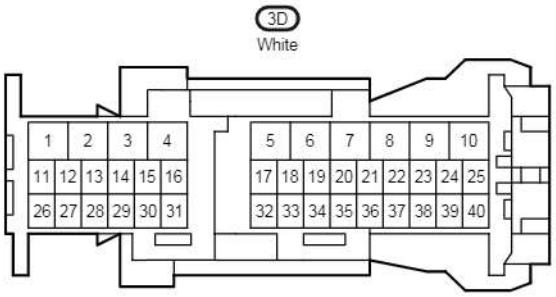


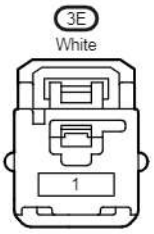

1H
White
1

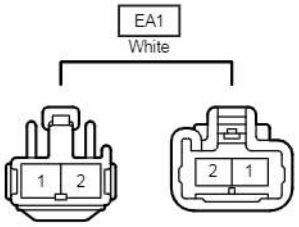

3A
White
1 2 3 4 5 6 7 8 9 10 11 12 13 14
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56

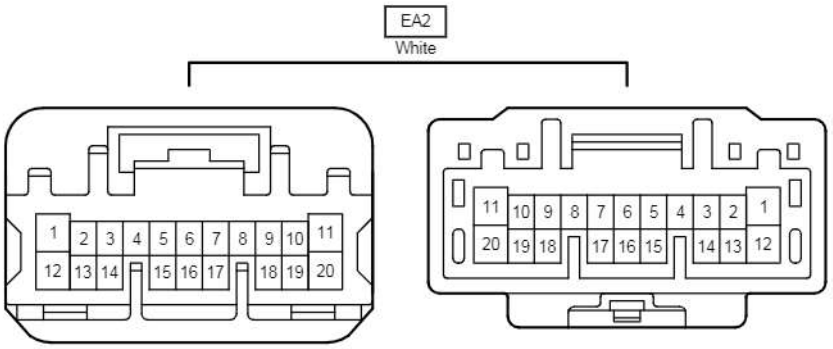

3B
White
1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18 19 20 21 22 23 24 25
26 27 28 29 30 31 32 33 34 35 36 37 38 39 40

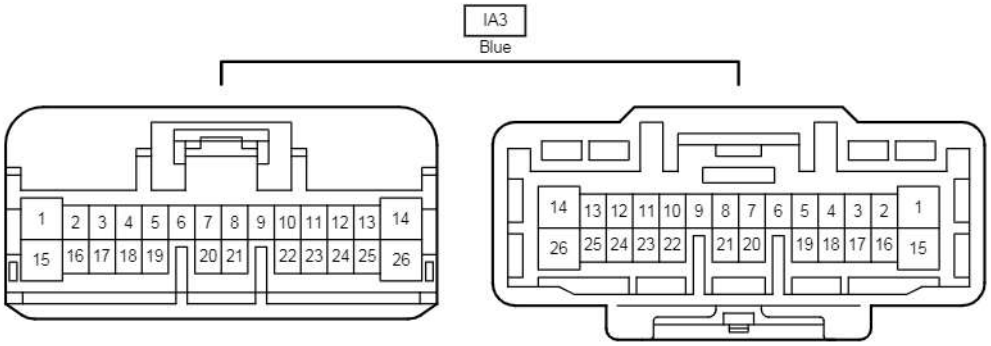

3C
White
1 2 3 4 5 6 7 8 9 10 11 12
13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
28 29 30 31 32 33 34 35 36


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

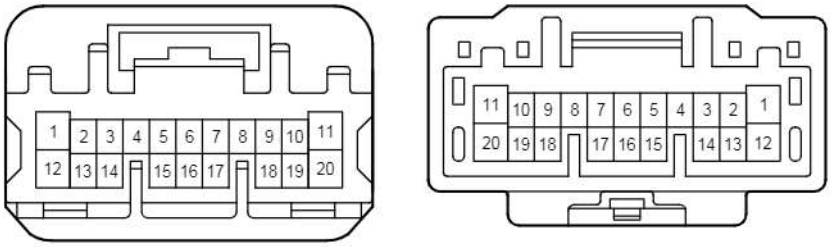

3E
White
1


EA1
White
1 2
2 1

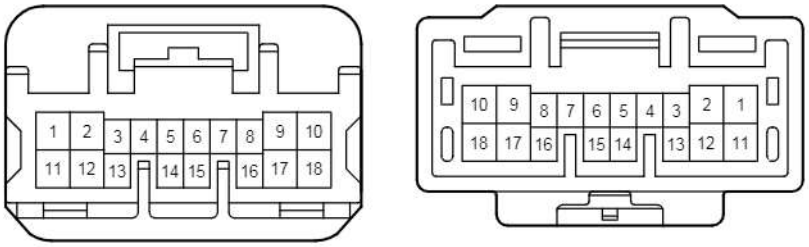

EA2
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12


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

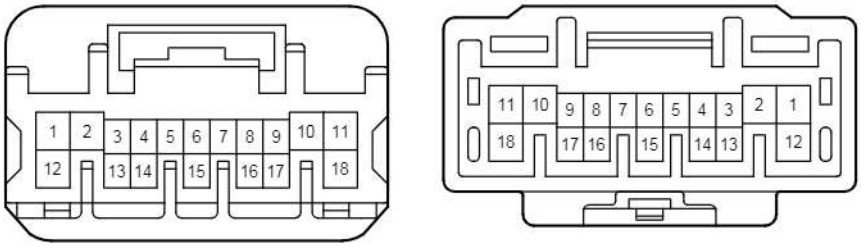
IA4
Gray



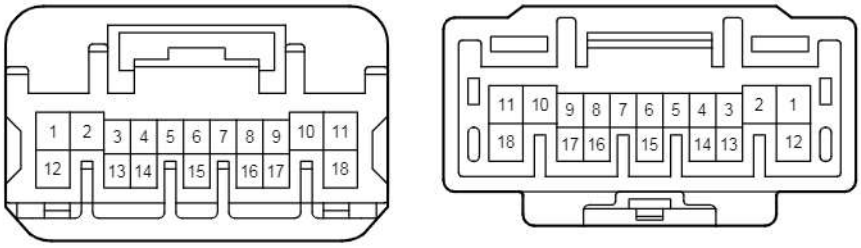
IA8
Gray



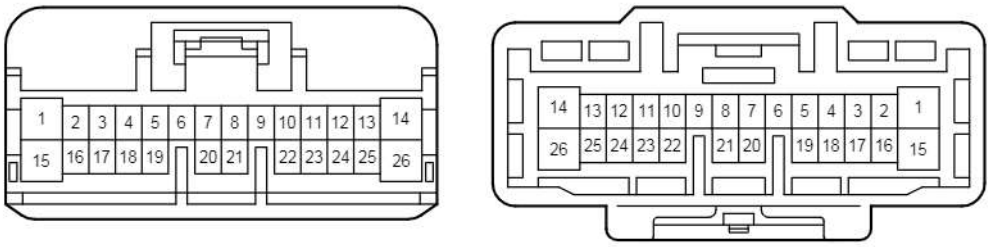
IN1
White



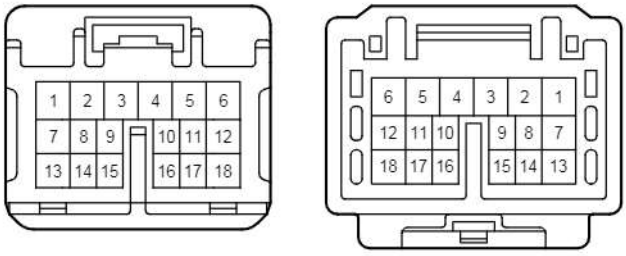
IO1
White



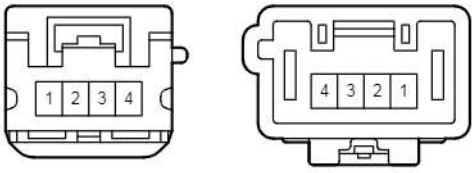
IO2
White



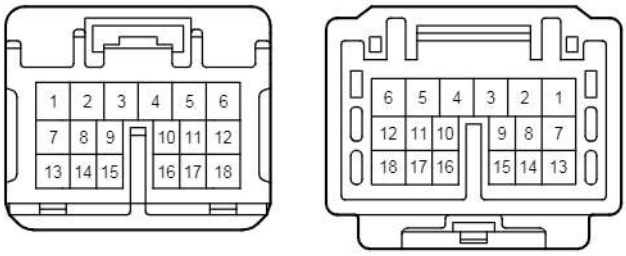
IS1
White



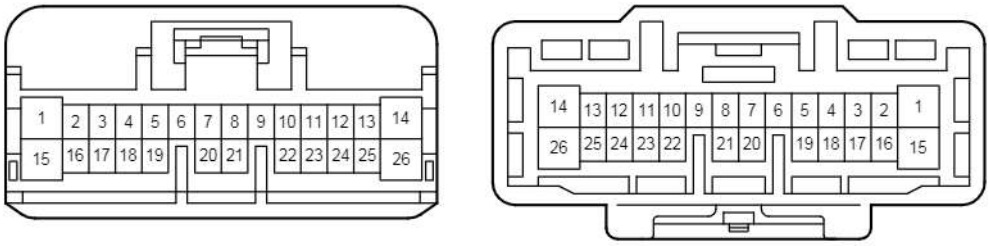
Ic1
White



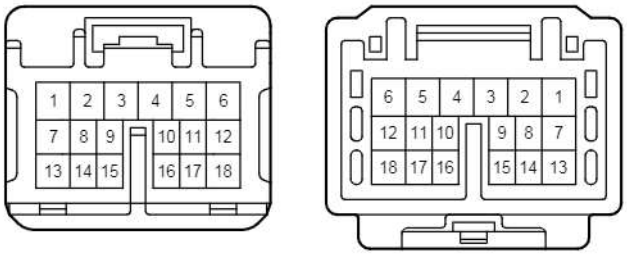
JI1
Gray



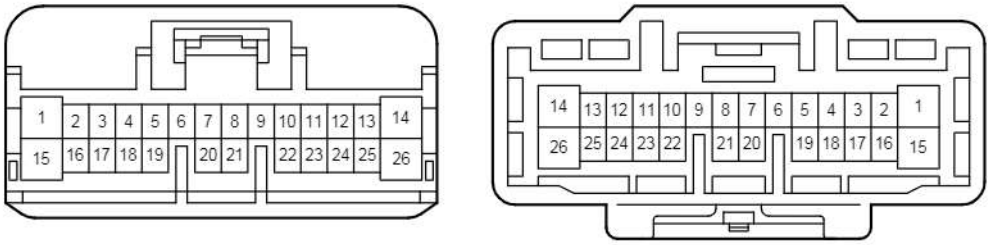
JI2
Blue



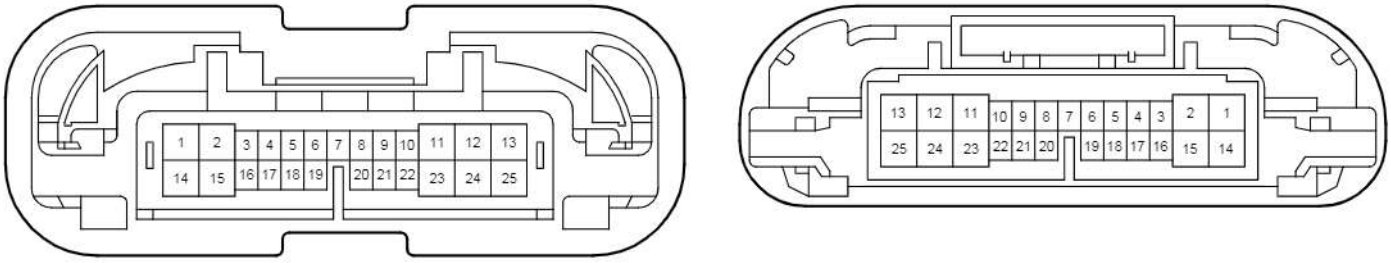
KI1
White



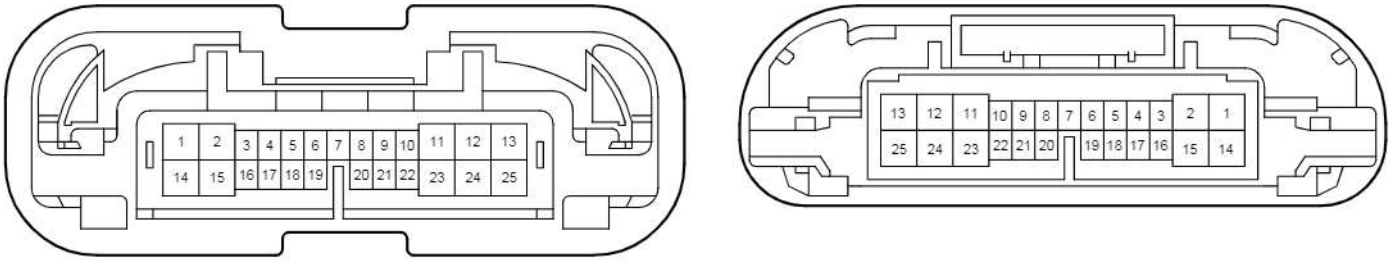
KI2
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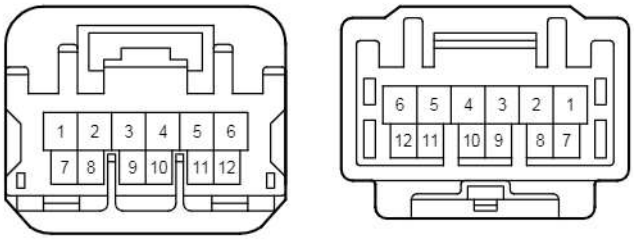
LO1
White



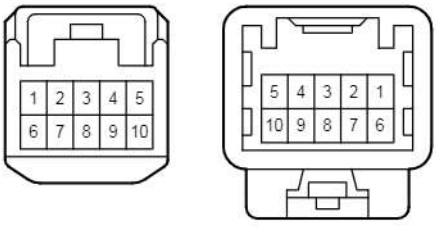
MN1
White

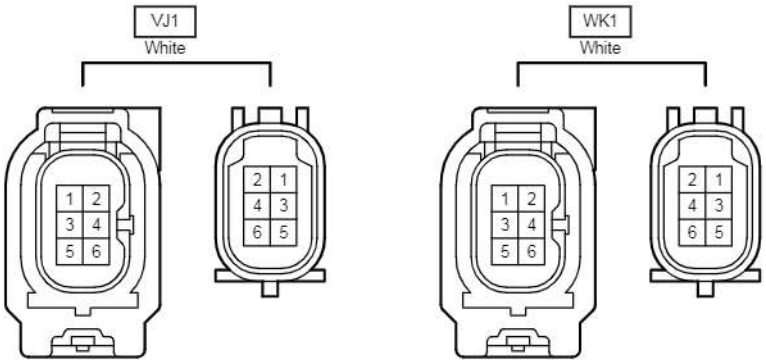


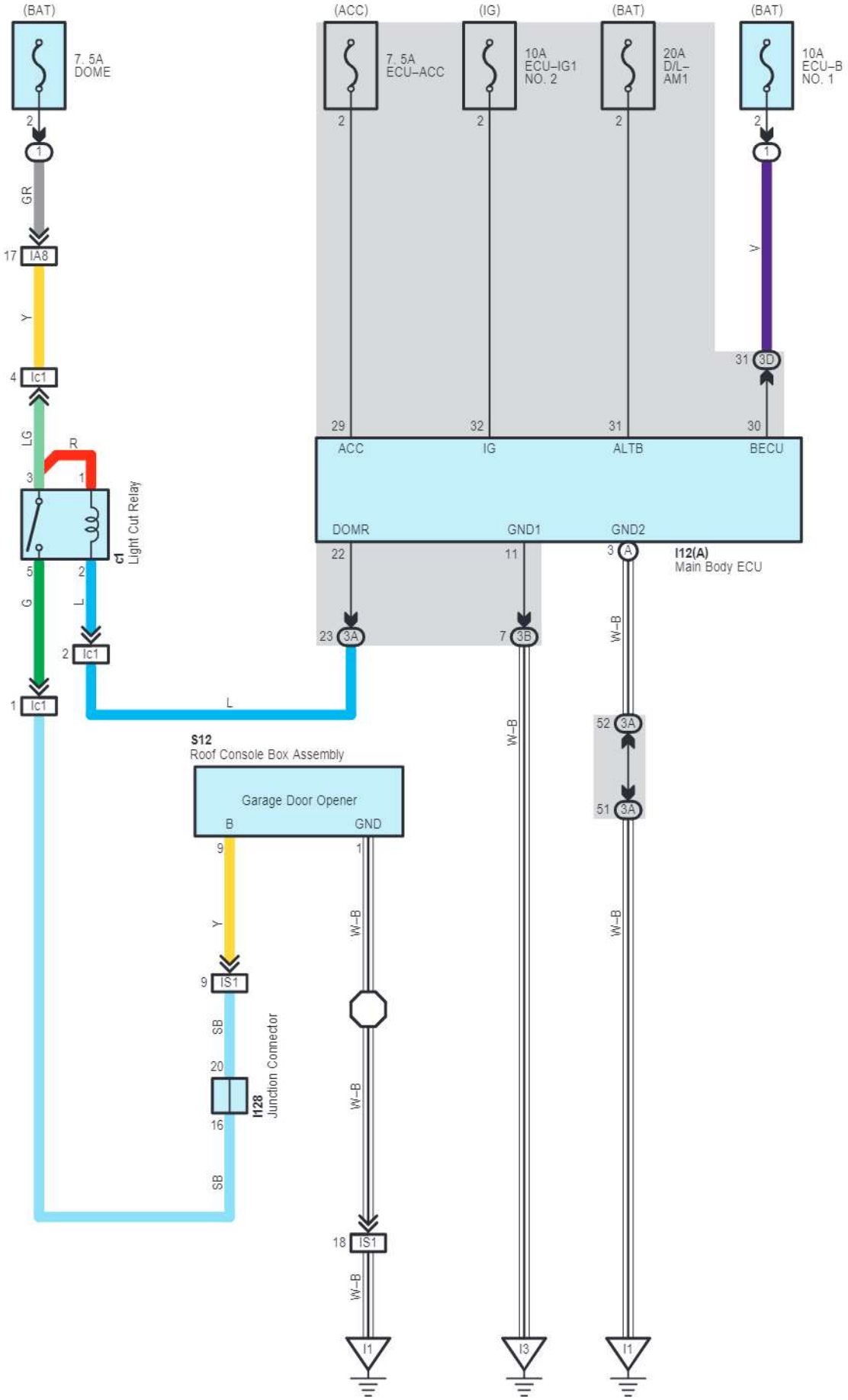
TN1
White



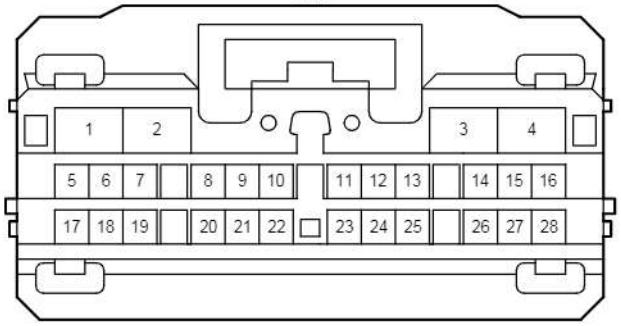
TO1
White



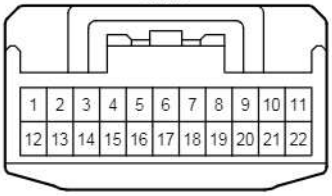

VJ1
White
1 2
3 4
5 6
2 1
4 3
6 5
WK1
White
1 2
3 4
5 6
2 1
4 3
6 5


(BAT)
7. 5A
DOME
2
1
GR
17 IA8
Y
4 Ic1
LG
R
3
1
5
2
C1
Light Cut Relay
G
L
2 Ic1
1 Ic1
L
(ACC)
7. 5A
ECU–ACC
(IG)
10A
ECU–IG1
NO. 2
(BAT)
20A
D/L–
AM1
(BAT)
10A
ECU–B
NO. 1
Y
31 3D
29
32
31
30
ACC
IG
ALTB
BECU
DOMR
GND1
GND2
22
11
3
A
I12(A)
Main Body ECU
23 3A
7 3B
W–B
52 3A
51 3A
W–B
S12
Roof Console Box Assembly
Garage Door Opener
B
GND
9
1
Y
W–B
9 IS1
SB
20
I128
Junction Connector
16
SB
W–B
18 IS1
W–B
I1
I3
I1

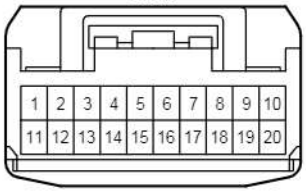
I 12
White



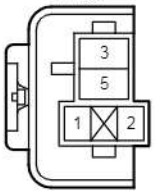
I128
White



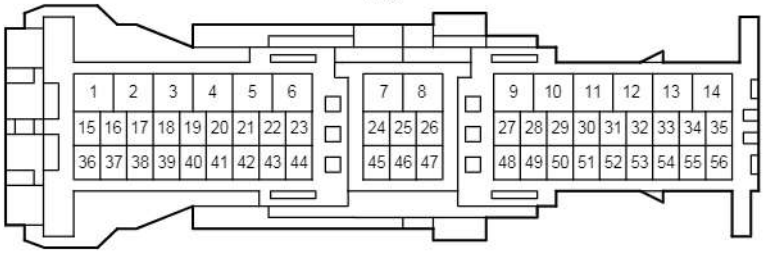
S 12
Black



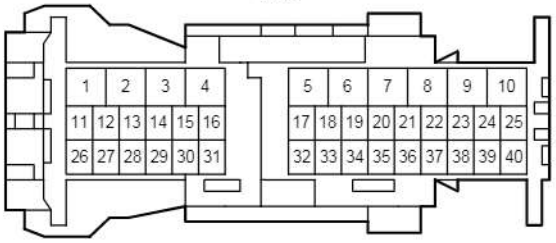
c 1
White



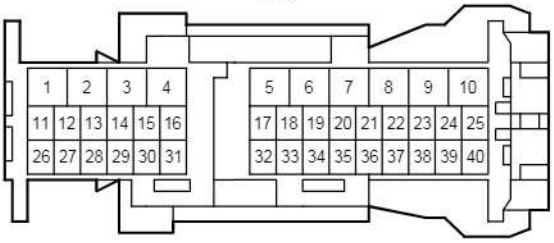
3A
White



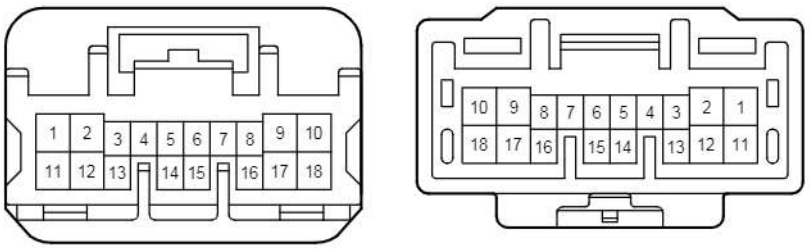
3B
White

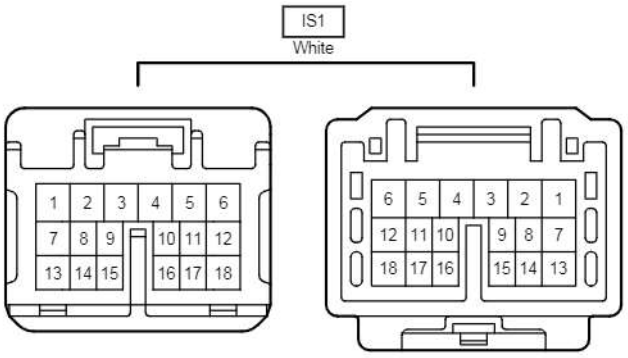


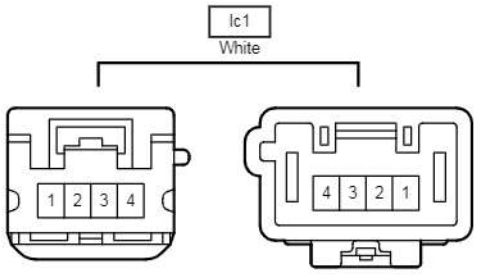
3D
White

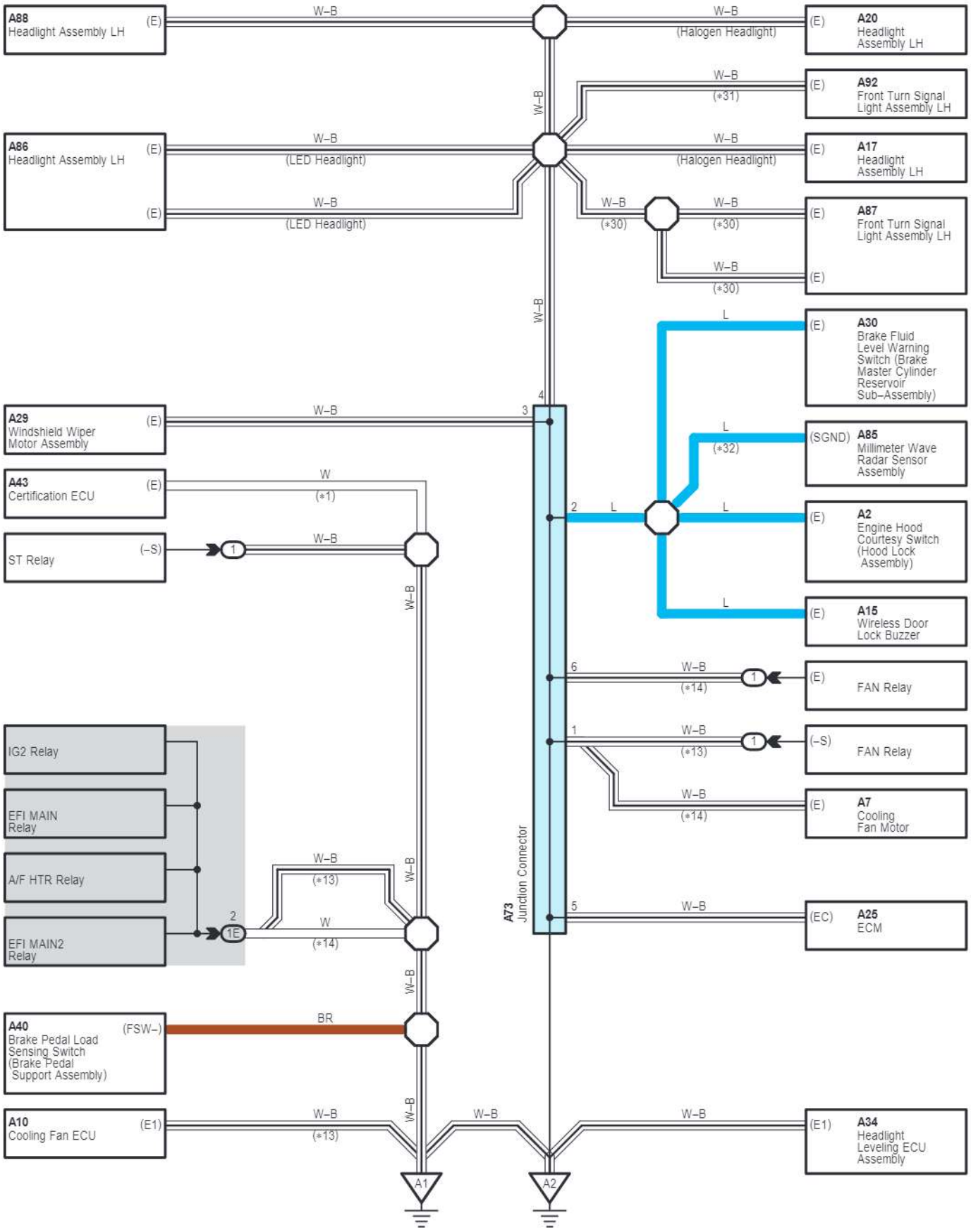


IA8
Gray

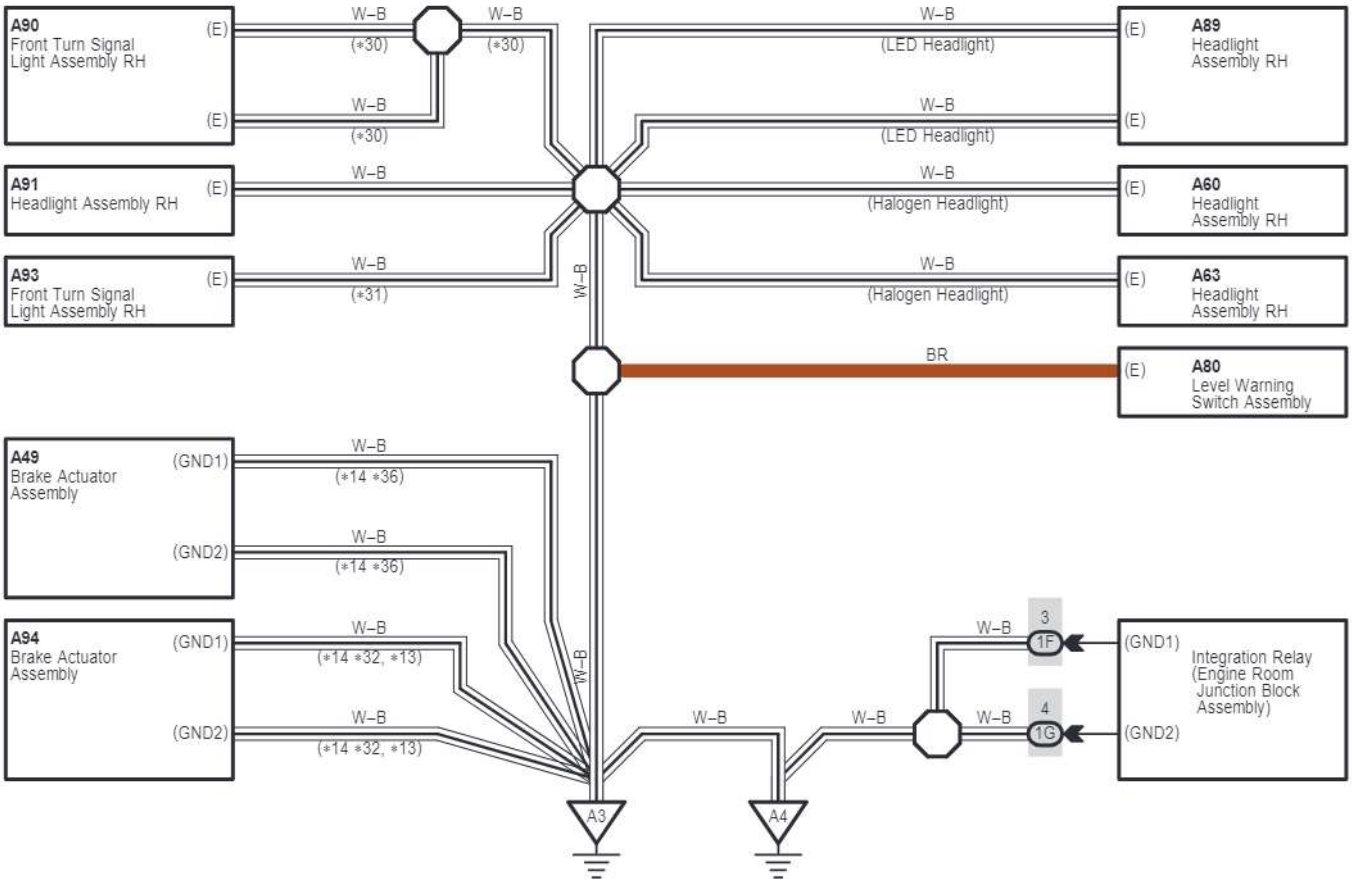


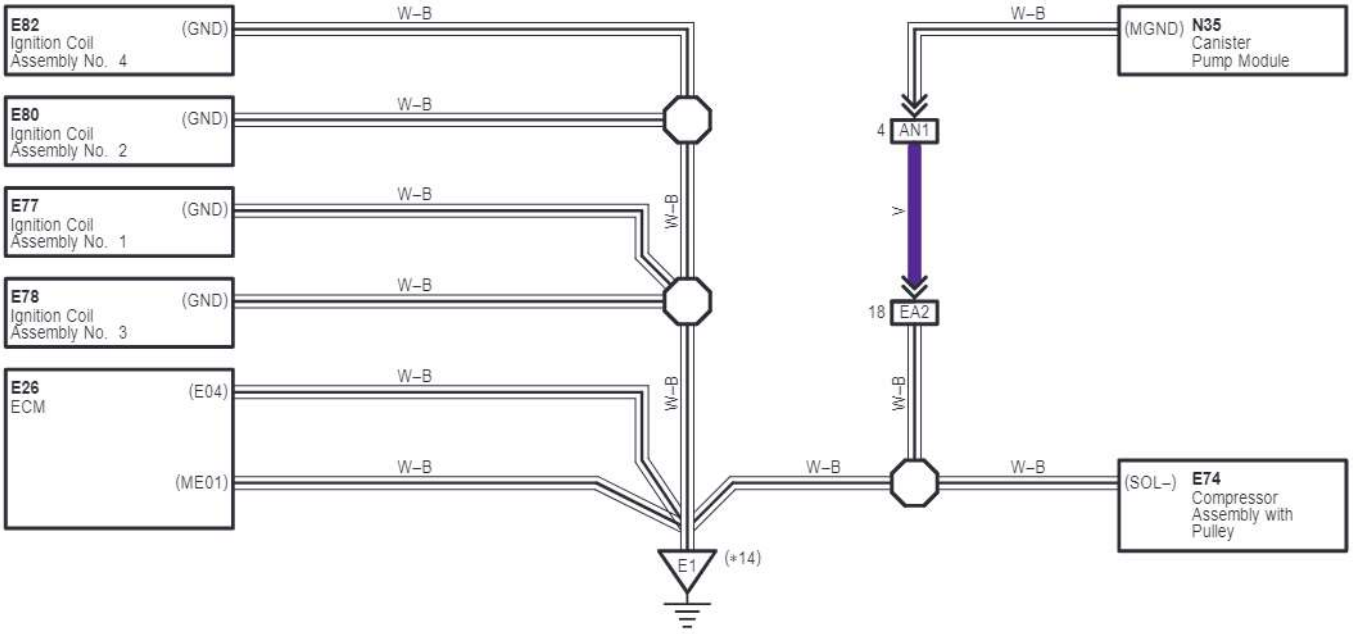

IS1
White
1 2 3 4 5 6
7 8 9 10 11 12
13 14 15 16 17 18
6 5 4 3 2 1
12 11 10 9 8 7
18 17 16 15 14 13

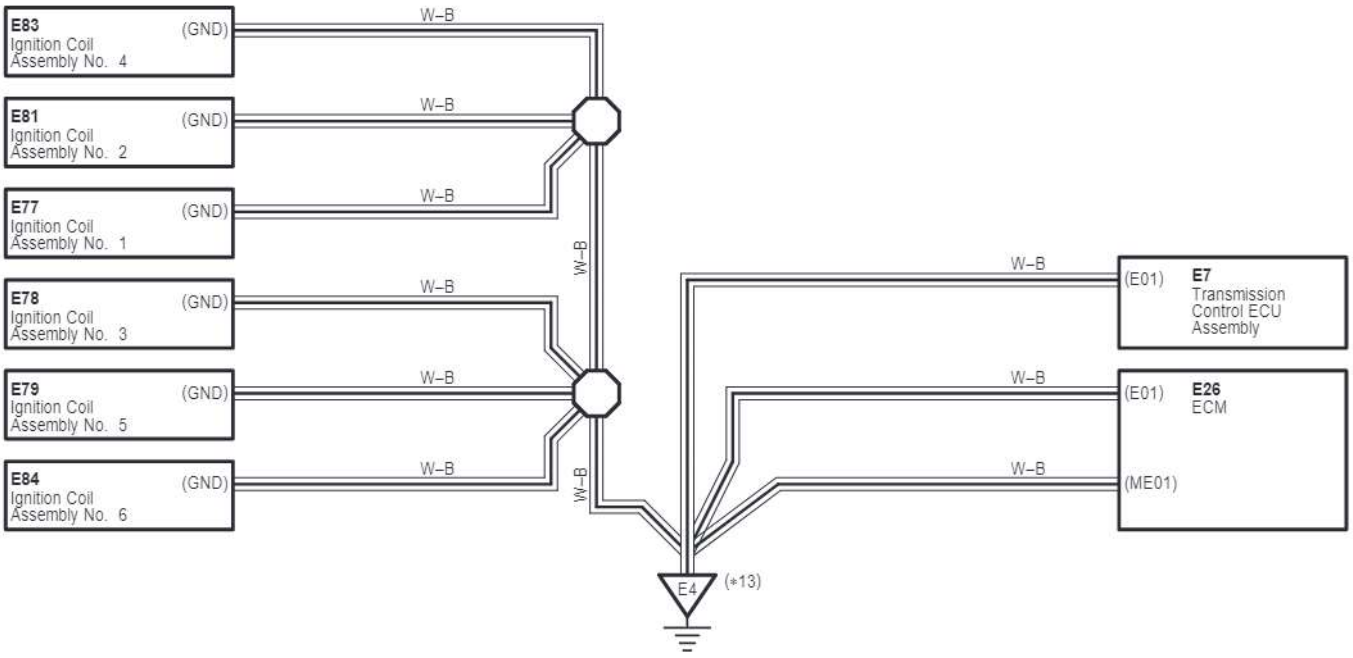

Ic1
White
1 2 3 4
4 3 2 1

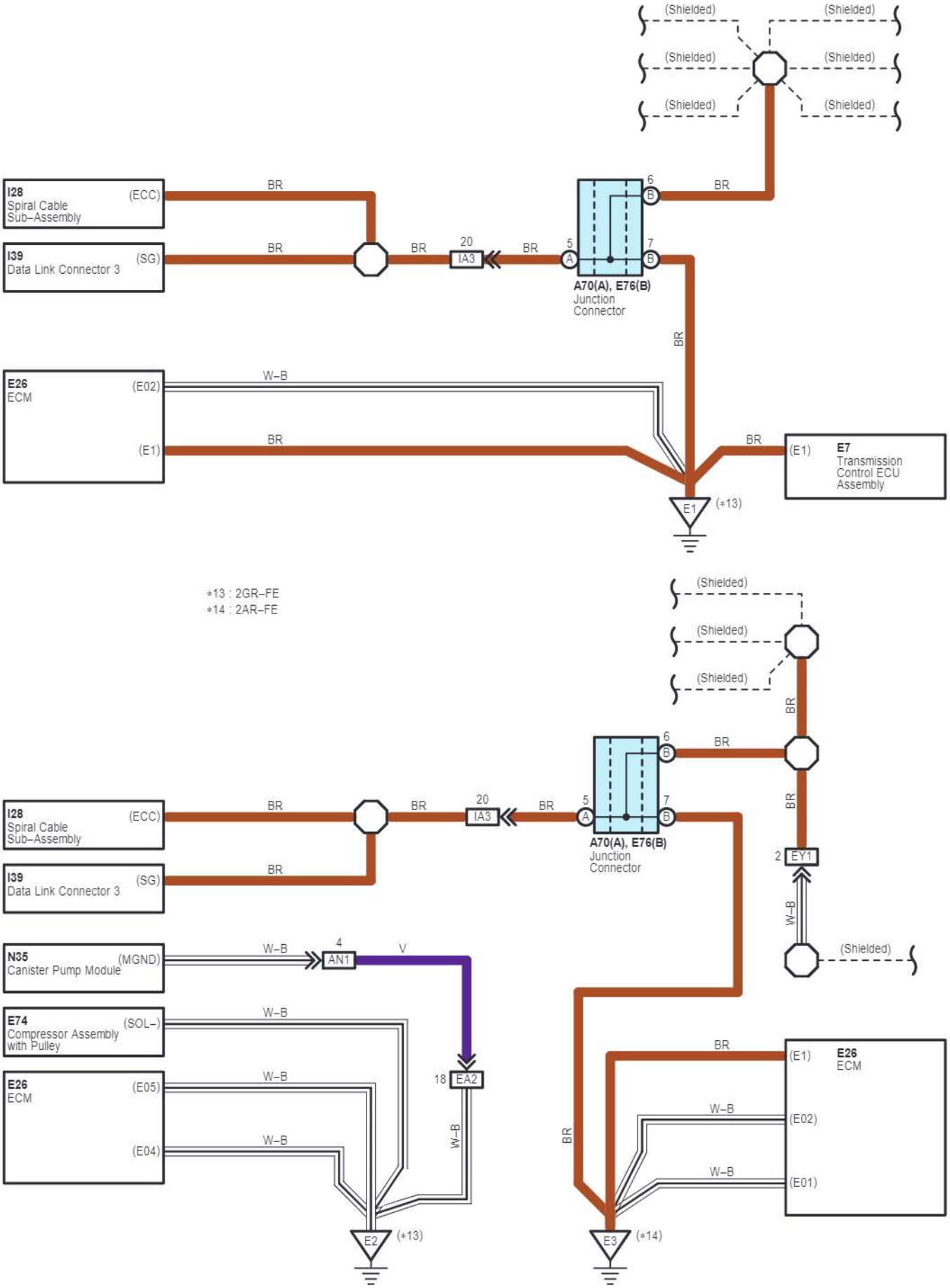

A88
Headlight Assembly LH
(E)
W–B
A20
Headlight
Assembly LH
(Halogen Headlight)
A92
Front Turn Signal
Light Assembly LH
(∗31)
A86
Headlight Assembly LH
(LED Headlight)
A17
Headlight
Assembly LH
A87
Front Turn Signal
Light Assembly LH
(∗30)
A30
Brake Fluid
Level Warning
Switch (Brake
Master Cylinder
Reservoir
Sub–Assembly)
A29
Windshield Wiper
Motor Assembly
A85
Millimeter Wave
Radar Sensor
Assembly
(SGND)
A43
Certification ECU
W
(∗1)
ST Relay
(–S)
A2
Engine Hood
Courtesy Switch
(Hood Lock
Assembly)
A15
Wireless Door
Lock Buzzer
FAN Relay
IG2 Relay
EFI MAIN
Relay
A/F HTR Relay
EFI MAIN2
Relay
A7
Cooling
Fan Motor
A73
Junction Connector
A25
ECM
(EC)
A40
Brake Pedal Load
Sensing Switch
(Brake Pedal
Support Assembly)
(FSW–)
BR
A10
Cooling Fan ECU
(E1)
A34
Headlight
Leveling ECU
Assembly
A1
A2

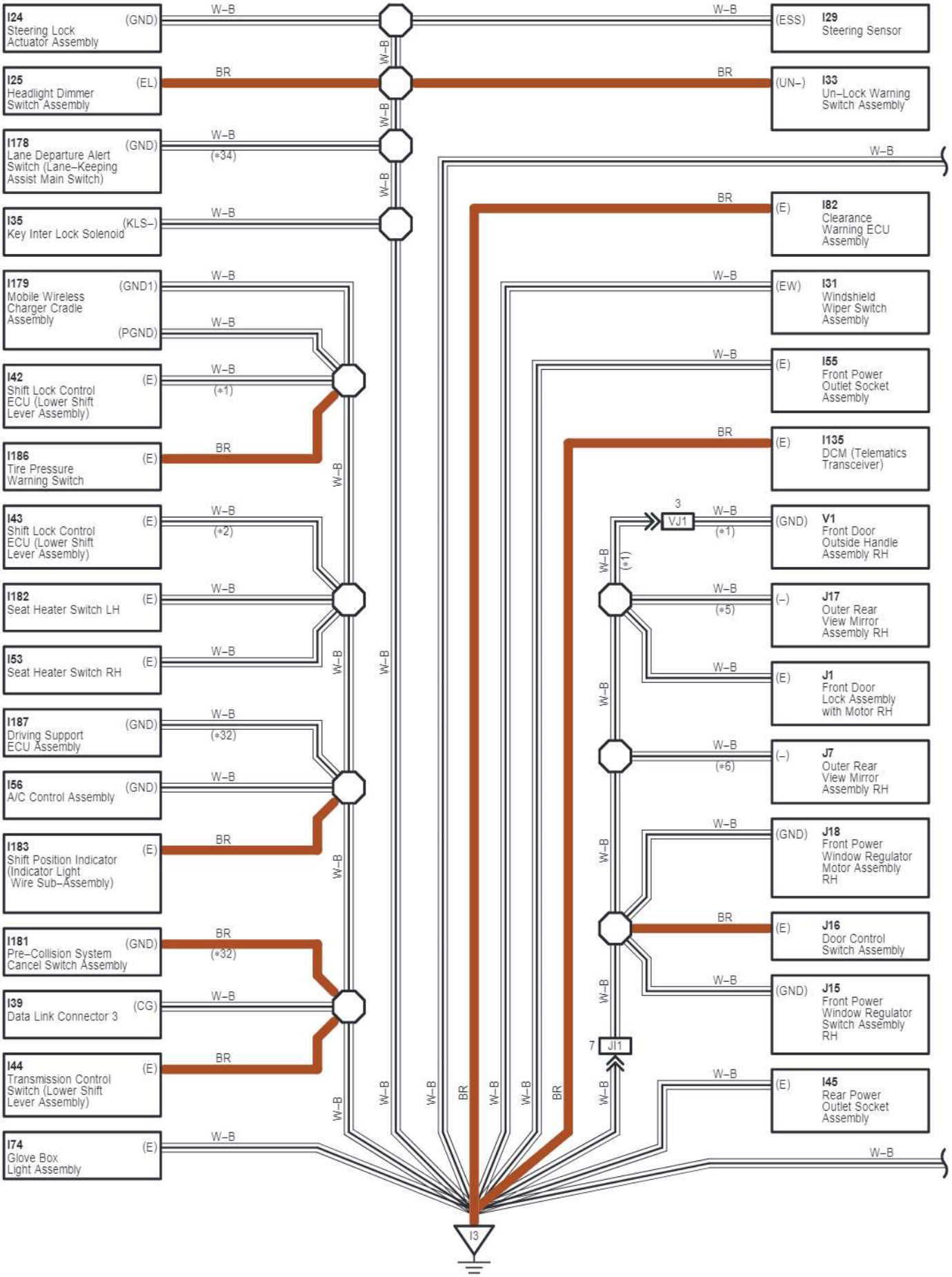
∗1 : w/ Smart Key System
∗13 : 2GR–FE
∗14 : 2AR–FE
∗30 : w/ LED Daytime Running Light
∗31 : w/o LED Daytime Running Light
∗32 : w/ Dynamic Radar Cruise Control
∗36 : w/o Dynamic Radar Cruise Control



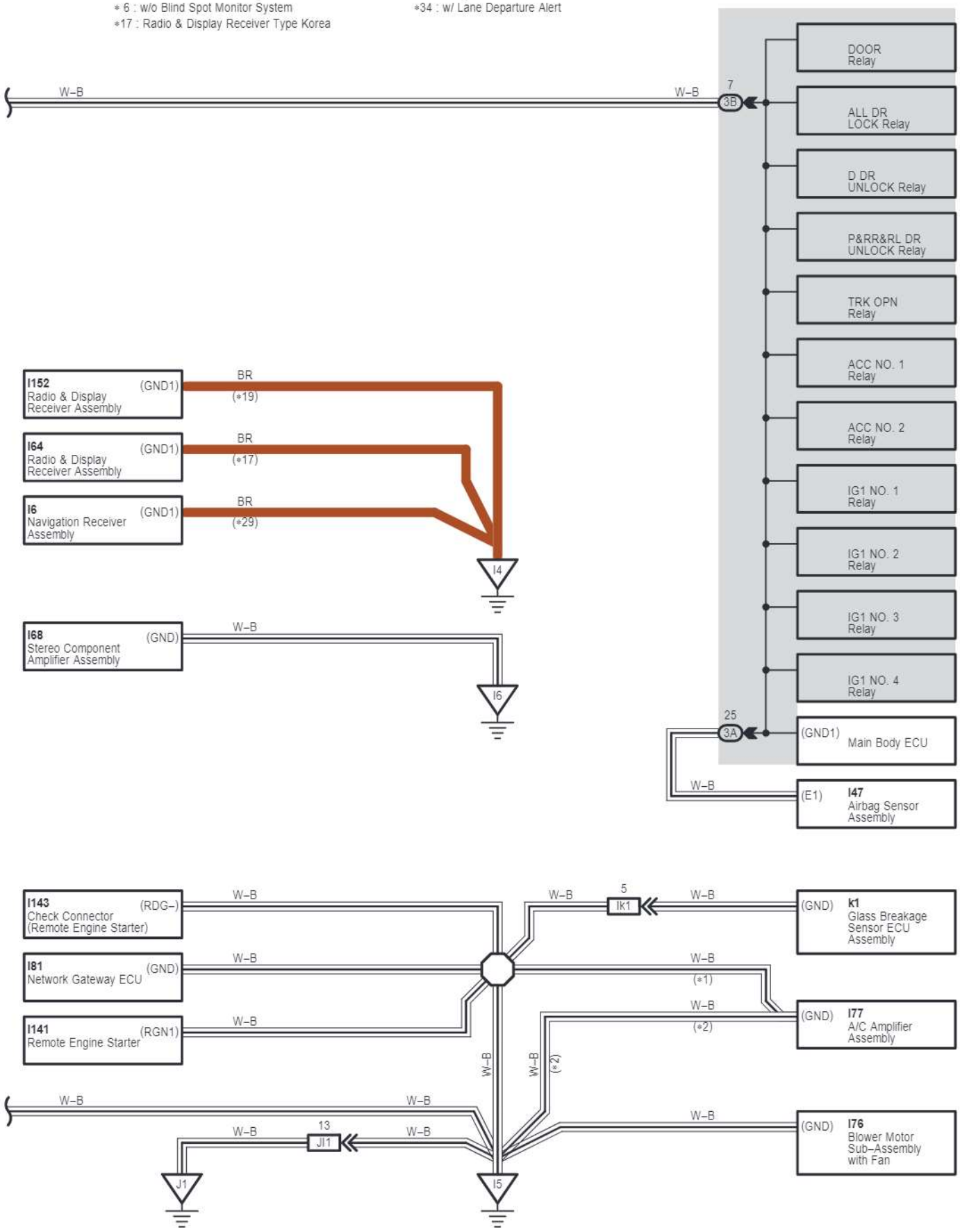

E82
Ignition Coil
Assembly No. 4
(GND)
E80
Ignition Coil
Assembly No. 2
(GND)
E77
Ignition Coil
Assembly No. 1
(GND)
E78
Ignition Coil
Assembly No. 3
(GND)
E26
ECM
(E04)
(ME01)
W–B
W–B
W–B
W–B
W–B
W–B
W–B
W–B
W–B
W–B
W–B
4
AN1
V
18
EA2
(MGND)
N35
Canister
Pump Module
(SOL–)
E74
Compressor
Assembly with
Pulley
E1
(*14)

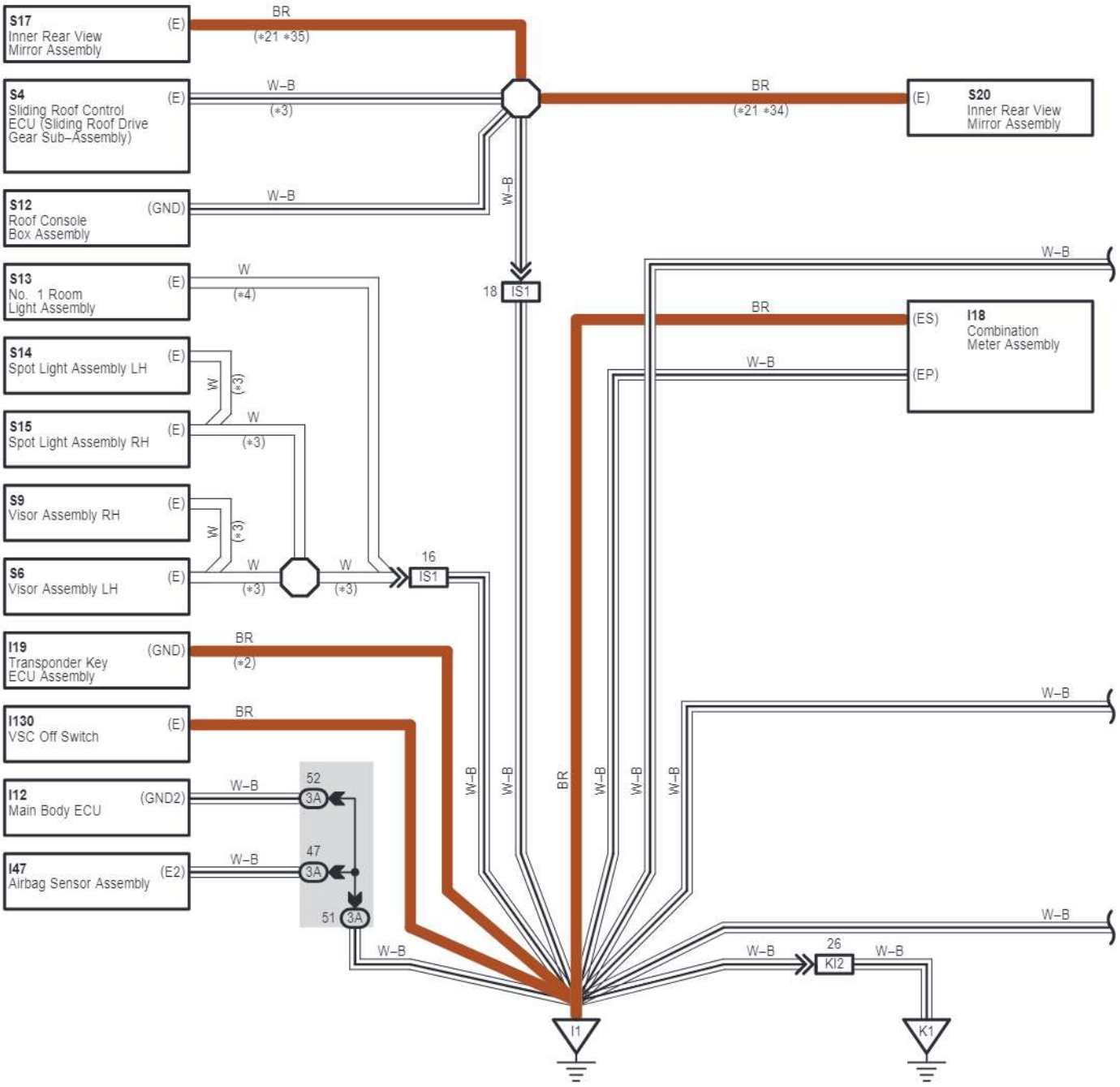

E83
Ignition Coil
Assembly No. 4
(GND)
E81
Ignition Coil
Assembly No. 2
(GND)
E77
Ignition Coil
Assembly No. 1
(GND)
E78
Ignition Coil
Assembly No. 3
(GND)
E79
Ignition Coil
Assembly No. 5
(GND)
E84
Ignition Coil
Assembly No. 6
(GND)
W–B
W–B
W–B
W–B
W–B
W–B
W–B
W–B
W–B
W–B
W–B
(E01)
E7
Transmission
Control ECU
Assembly
(E01)
E26
ECM
(ME01)
E4
(*13)

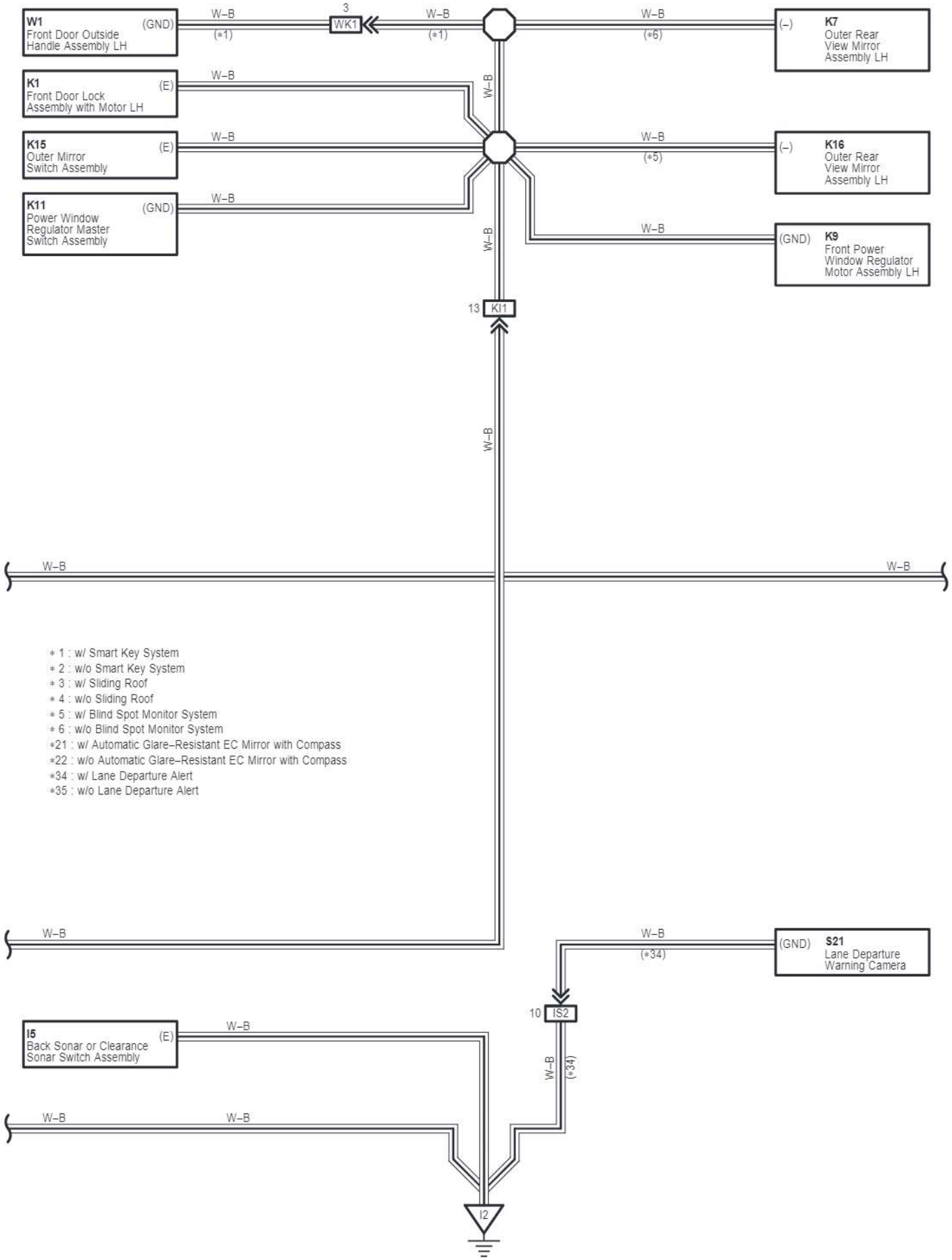

(Shielded)
(Shielded)
(Shielded)
(Shielded)
(Shielded)
(Shielded)
I28 Spiral Cable Sub–Assembly (ECC)
I39 Data Link Connector 3 (SG)
BR
20 IA3
5 A
6 B
7 B
A70(A), E76(B) Junction Connector
E26 ECM
(E02)
(E1)
W–B
E7 Transmission Control ECU Assembly
E1 (*13)
*13 : 2GR–FE
*14 : 2AR–FE
2 EY1
N35 Canister Pump Module (MGND)
4 AN1
V
E74 Compressor Assembly with Pulley (SOL–)
18 EA2
(E05)
(E04)
E2 (*13)
E3 (*14)

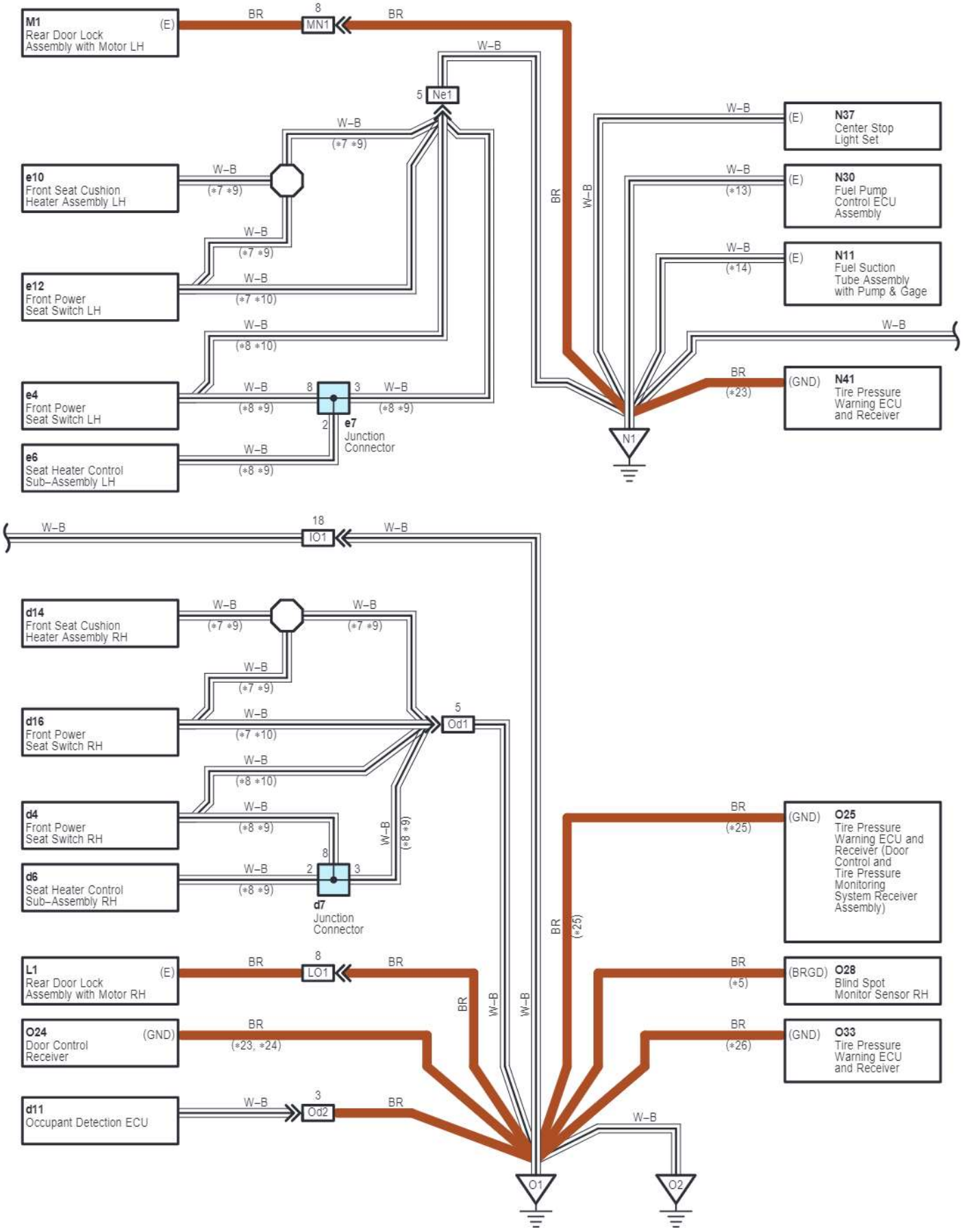

I24 Steering Lock Actuator Assembly (GND)
I25 Headlight Dimmer Switch Assembly (EL)
I178 Lane Departure Alert Switch (Lane–Keeping Assist Main Switch) (GND)
I35 Key Inter Lock Solenoid (KLS–)
I179 Mobile Wireless Charger Cradle Assembly (GND1) (PGND)
I42 Shift Lock Control ECU (Lower Shift Lever Assembly) (E)
I186 Tire Pressure Warning Switch (E)
I43 Shift Lock Control ECU (Lower Shift Lever Assembly) (E)
I182 Seat Heater Switch LH (E)
I53 Seat Heater Switch RH (E)
I187 Driving Support ECU Assembly (GND)
I56 A/C Control Assembly (GND)
I183 Shift Position Indicator (Indicator Light Wire Sub–Assembly) (E)
I181 Pre–Collision System Cancel Switch Assembly (GND)
I39 Data Link Connector 3 (CG)
I44 Transmission Control Switch (Lower Shift Lever Assembly) (E)
I74 Glove Box Light Assembly (E)
I29 Steering Sensor (ESS)
I33 Un–Lock Warning Switch Assembly (UN–)
I82 Clearance Warning ECU Assembly (E)
I31 Windshield Wiper Switch Assembly (EW)
I55 Front Power Outlet Socket Assembly (E)
I135 DCM (Telematics Transceiver) (E)
V1 Front Door Outside Handle Assembly RH (GND)
J17 Outer Rear View Mirror Assembly RH (–)
J1 Front Door Lock Assembly with Motor RH (E)
J7 Outer Rear View Mirror Assembly RH (–)
J18 Front Power Window Regulator Motor Assembly RH (GND)
J16 Door Control Switch Assembly (E)
J15 Front Power Window Regulator Switch Assembly RH (GND)
I45 Rear Power Outlet Socket Assembly (E)
VJ1
JI1
I3
W–B
BR
(*1)
(*2)
(*32)
(*34)
(*5)
(*6)

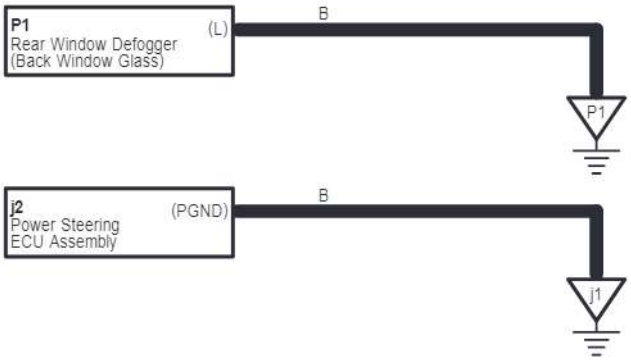
* 1 : w/ Smart Key System
* 2 : w/o Smart Key System
* 5 : w/ Blind Spot Monitor System
* 6 : w/o Blind Spot Monitor System
*17 : Radio & Display Receiver Type Korea
*19 : Radio & Display Receiver Type Except Korea
*29 : Navigation Receiver Type
*32 : w/ Dynamic Radar Cruise Control
*34 : w/ Lane Departure Alert

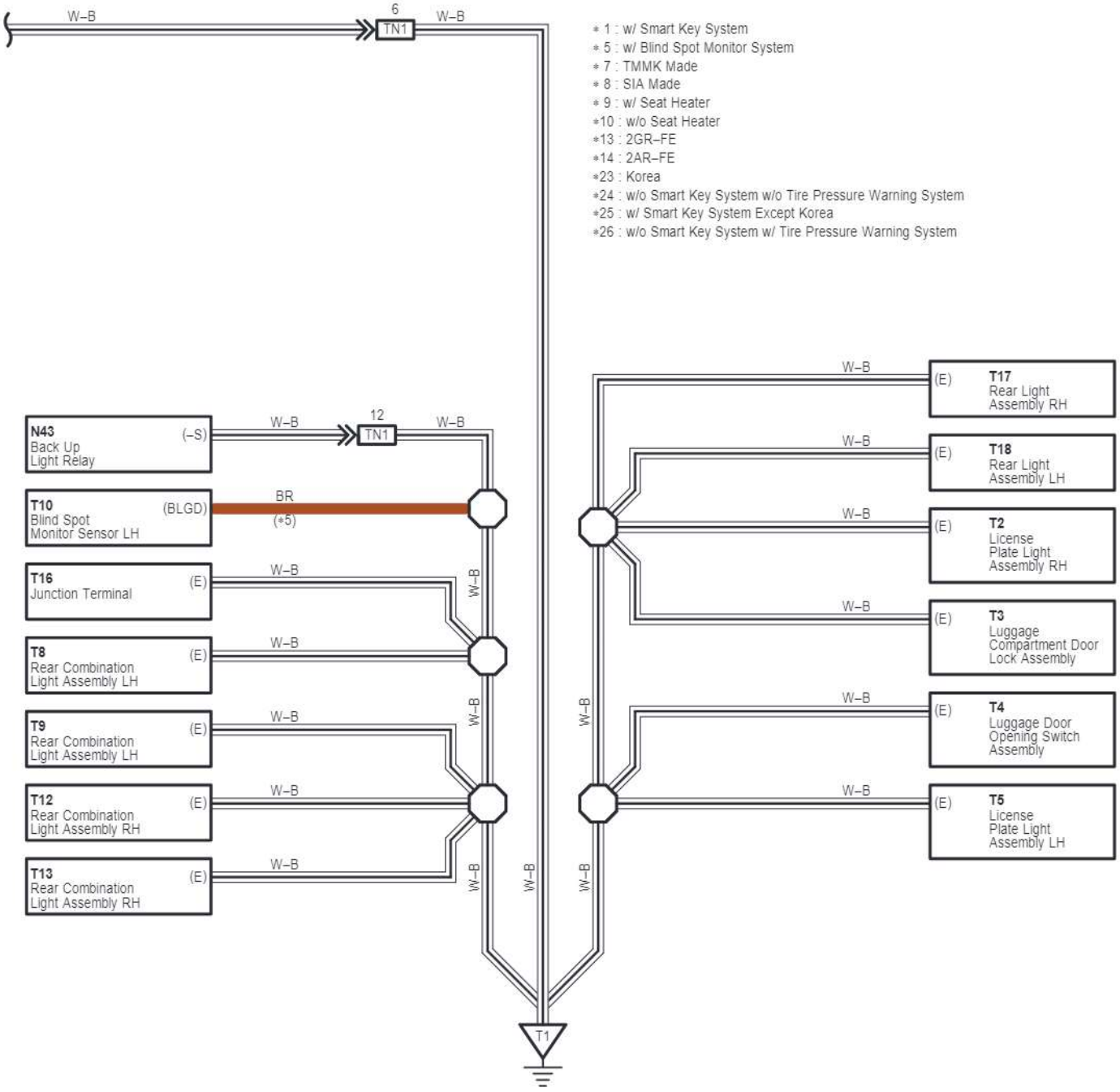



S17
Inner Rear View Mirror Assembly
(E)
BR
(*21 *35)
S4
Sliding Roof Control ECU (Sliding Roof Drive Gear Sub–Assembly)
(E)
W–B
(*3)
BR
(*21 *34)
(E)
S20
Inner Rear View Mirror Assembly
S12
Roof Console Box Assembly
(GND)
W–B
W–B
18
IS1
W–B
S13
No. 1 Room Light Assembly
(E)
W
(*4)
S14
Spot Light Assembly LH
(E)
W
(*3)
S15
Spot Light Assembly RH
(E)
W
(*3)
S9
Visor Assembly RH
(E)
W
(*3)
S6
Visor Assembly LH
(E)
W
(*3)
W
(*3)
16
IS1
BR
(ES)
I18
Combination Meter Assembly
(EP)
W–B
I19
Transponder Key ECU Assembly
(GND)
BR
(*2)
I130
VSC Off Switch
(E)
BR
I12
Main Body ECU
(GND2)
W–B
52
3A
I47
Airbag Sensor Assembly
(E2)
W–B
47
3A
51
3A
W–B
W–B
W–B
W–B
BR
W–B
W–B
W–B
W–B
W–B
W–B
26
KI2
W–B
I1
K1


W1
Front Door Outside Handle Assembly LH
(GND)
W–B
(*1)
3
WK1
W–B
(*1)
W–B
(*6)
(–)
K7
Outer Rear View Mirror Assembly LH
K1
Front Door Lock Assembly with Motor LH
(E)
W–B
W–B
K15
Outer Mirror Switch Assembly
(E)
W–B
W–B
(*5)
(–)
K16
Outer Rear View Mirror Assembly LH
K11
Power Window Regulator Master Switch Assembly
(GND)
W–B
W–B
(GND)
K9
Front Power Window Regulator Motor Assembly LH
13
KI1
W–B
W–B
W–B
* 1 : w/ Smart Key System
* 2 : w/o Smart Key System
* 3 : w/ Sliding Roof
* 4 : w/o Sliding Roof
* 5 : w/ Blind Spot Monitor System
* 6 : w/o Blind Spot Monitor System
*21 : w/ Automatic Glare–Resistant EC Mirror with Compass
*22 : w/o Automatic Glare–Resistant EC Mirror with Compass
*34 : w/ Lane Departure Alert
*35 : w/o Lane Departure Alert
W–B
W–B
(GND)
S21
Lane Departure Warning Camera
(*34)
10
IS2
I5
Back Sonar or Clearance Sonar Switch Assembly
(E)
W–B
W–B
(*34)
W–B
W–B
I2

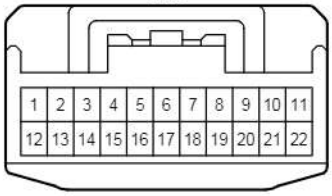

M1
Rear Door Lock
Assembly with Motor LH
(E)
BR
8
MN1
BR
W–B
5
Ne1
W–B
(*7 *9)
e10
Front Seat Cushion
Heater Assembly LH
W–B
(*7 *9)
W–B
(*7 *9)
e12
Front Power
Seat Switch LH
W–B
(*7 *10)
W–B
(*8 *10)
e4
Front Power
Seat Switch LH
W–B
(*8 *9)
8
3
W–B
(*8 *9)
2
e7
Junction
Connector
e6
Seat Heater Control
Sub–Assembly LH
W–B
(*8 *9)
BR
W–B
W–B
(E)
N37
Center Stop
Light Set
W–B
(*13)
(E)
N30
Fuel Pump
Control ECU
Assembly
W–B
(*14)
(E)
N11
Fuel Suction
Tube Assembly
with Pump & Gage
W–B
BR
(*23)
(GND)
N41
Tire Pressure
Warning ECU
and Receiver
N1
W–B
18
IO1
W–B
d14
Front Seat Cushion
Heater Assembly RH
W–B
(*7 *9)
W–B
(*7 *9)
W–B
(*7 *9)
d16
Front Power
Seat Switch RH
W–B
(*7 *10)
5
Od1
W–B
(*8 *10)
d4
Front Power
Seat Switch RH
W–B
(*8 *9)
W–B
(*8 *9)
8
d6
Seat Heater Control
Sub–Assembly RH
W–B
(*8 *9)
2
3
d7
Junction
Connector
L1
Rear Door Lock
Assembly with Motor RH
(E)
BR
8
LO1
BR
O24
Door Control
Receiver
(GND)
BR
(*23, *24)
d11
Occupant Detection ECU
W–B
3
Od2
BR
BR
W–B
W–B
BR
(*25)
W–B
O1
O2
BR
(*25)
(GND)
O25
Tire Pressure
Warning ECU and
Receiver (Door
Control and
Tire Pressure
Monitoring
System Receiver
Assembly)
BR
(*5)
(BRGD)
O28
Blind Spot
Monitor Sensor RH
BR
(*26)
(GND)
O33
Tire Pressure
Warning ECU
and Receiver





* 1 : w/ Smart Key System
* 5 : w/ Blind Spot Monitor System
* 7 : TMMK Made
* 8 : SIA Made
* 9 : w/ Seat Heater
*10 : w/o Seat Heater
*13 : 2GR–FE
*14 : 2AR–FE
*23 : Korea
*24 : w/o Smart Key System w/o Tire Pressure Warning System
*25 : w/ Smart Key System Except Korea
*26 : w/o Smart Key System w/ Tire Pressure Warning System

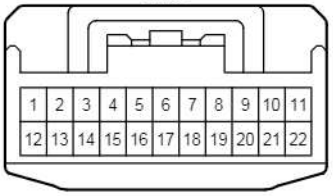
A 70
White



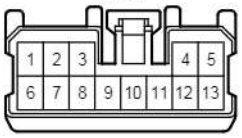
A 73
Gray



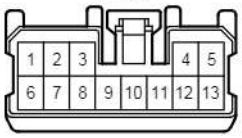
E 76
White



d 7
White



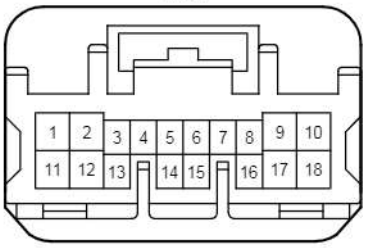
e 7
White



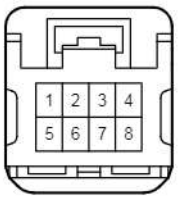
1E
White



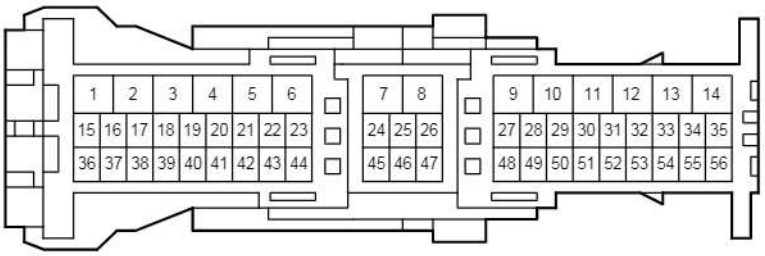
1F
White



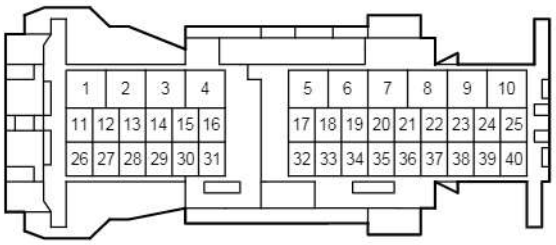
1G
White



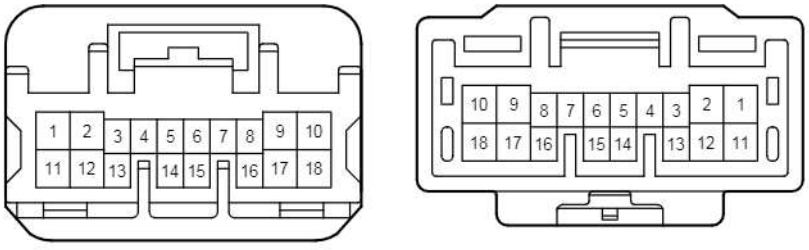
3A
White



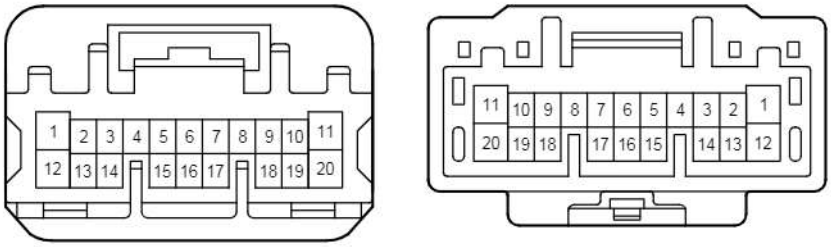
3B
White



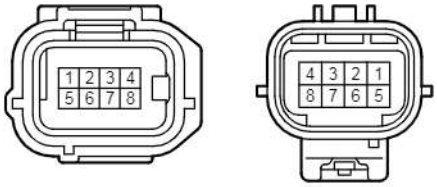
AN1
White



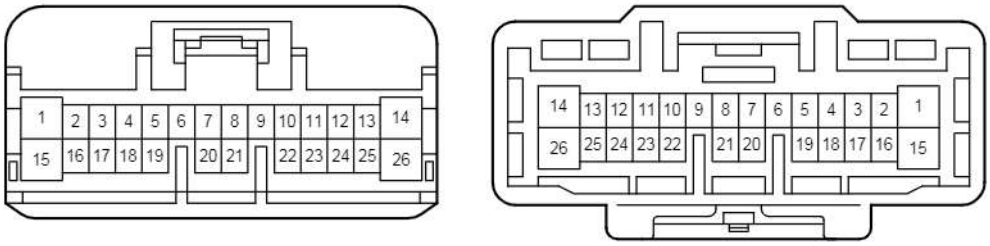
EA2
White



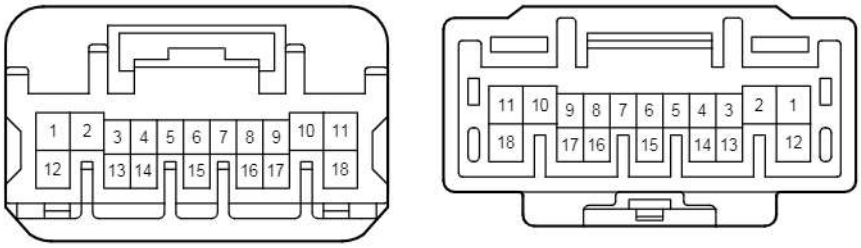
EY1
Gray



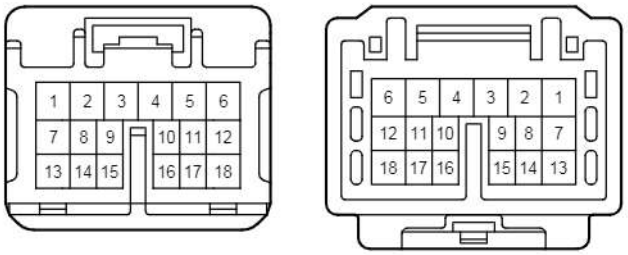
IA3
Blue



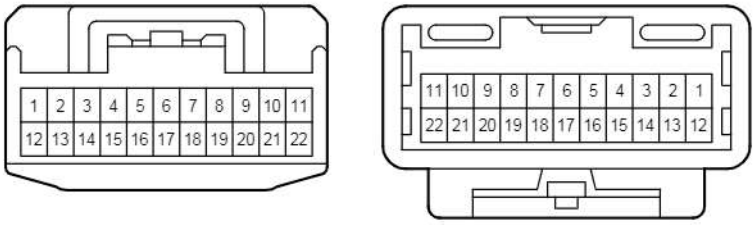
IO1
White



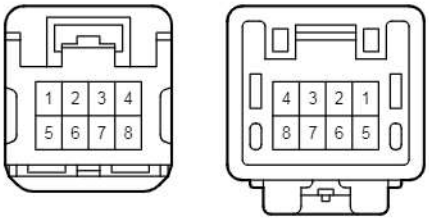
IS1
White



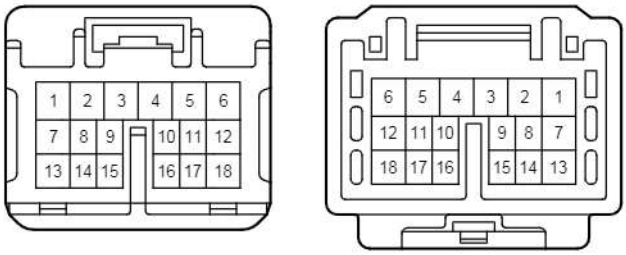
IS2
White



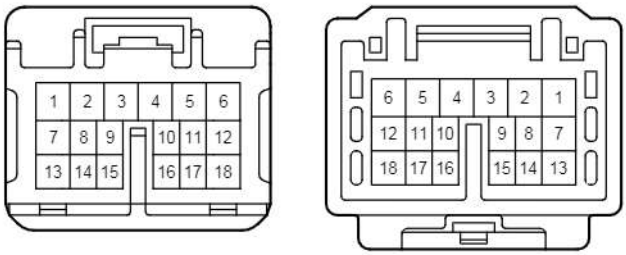
Ik1
White



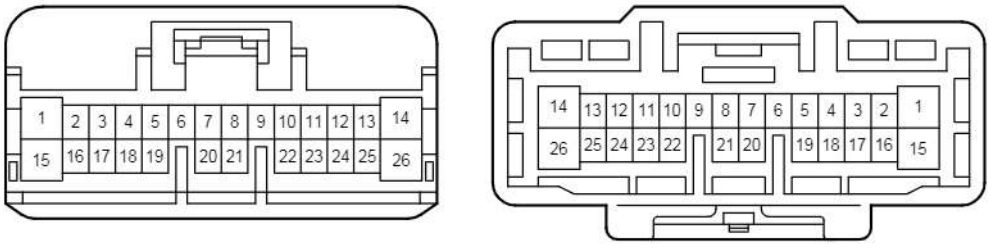
JI1
Gray



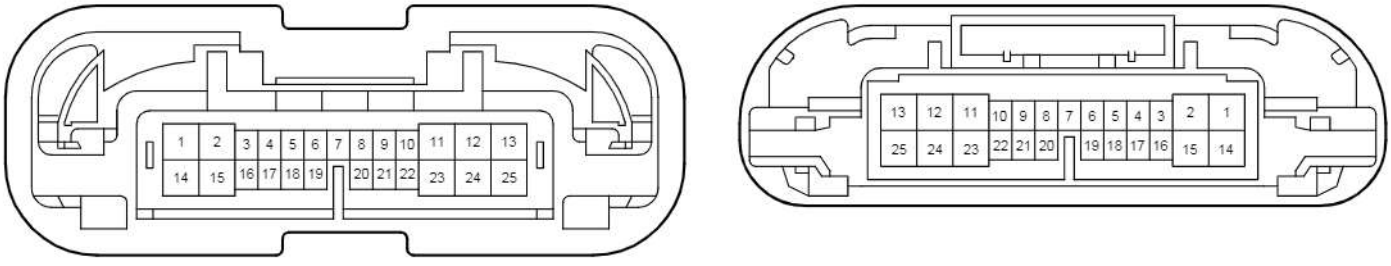
KI1
White



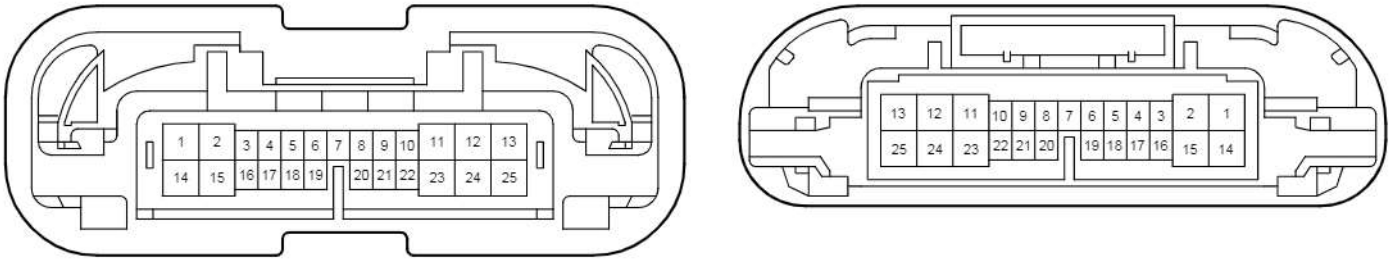
KI2
White



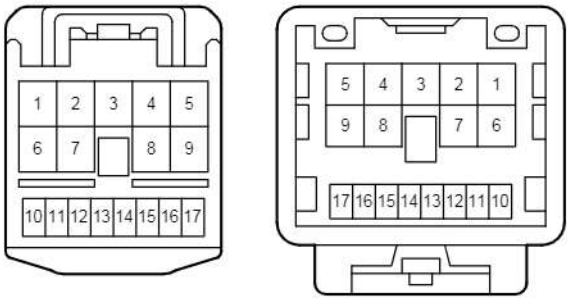
LO1
White



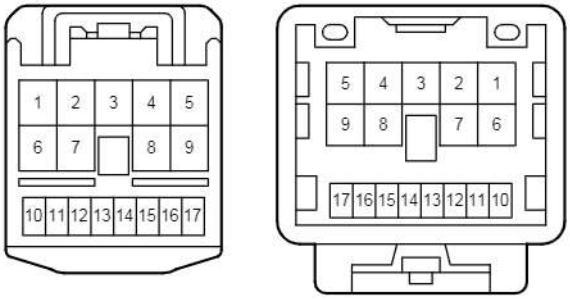
MN1
White



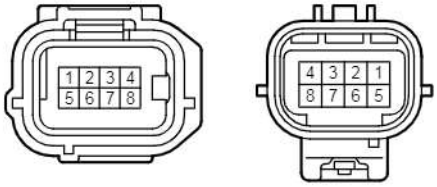
Ne1
White



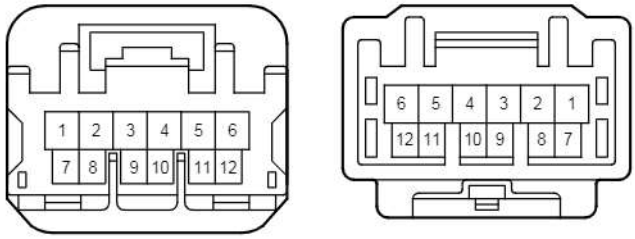
Od1
White



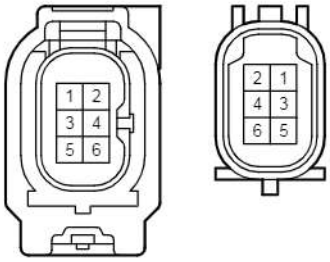
Od2
Gray



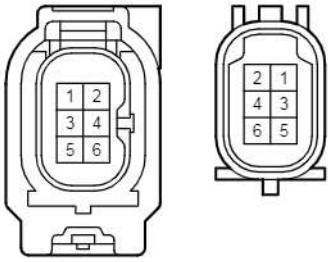
TN1
White

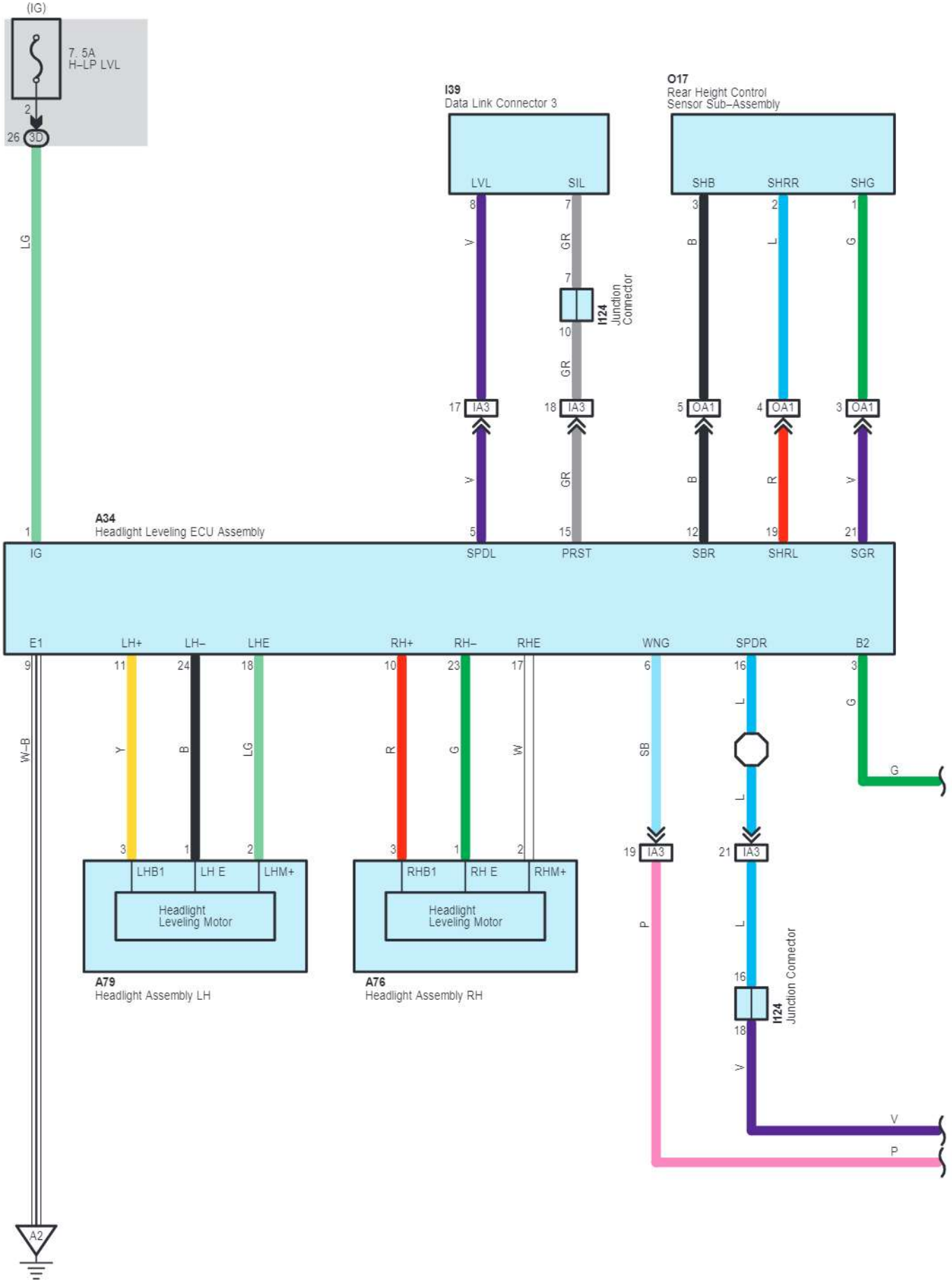


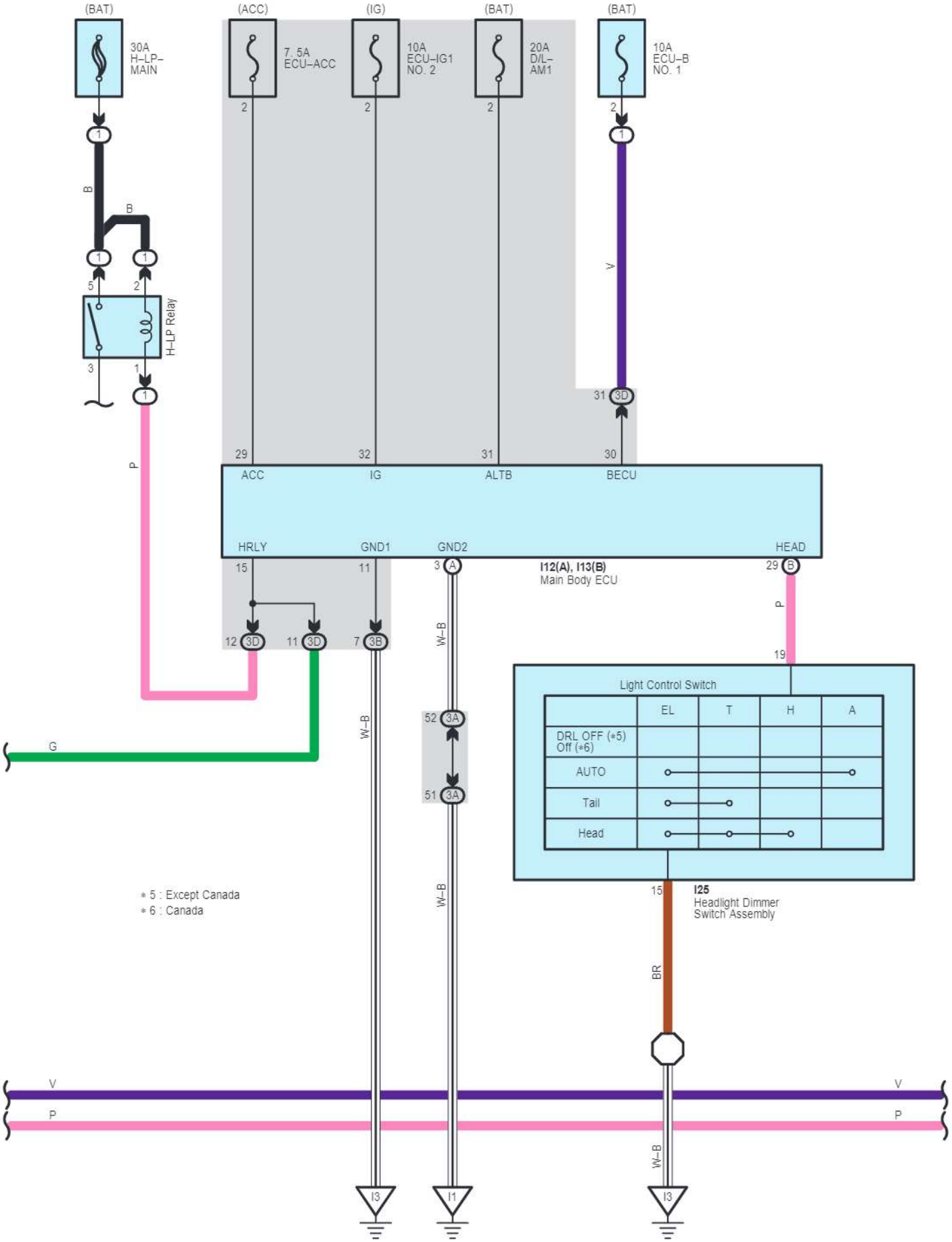
VJ1
White

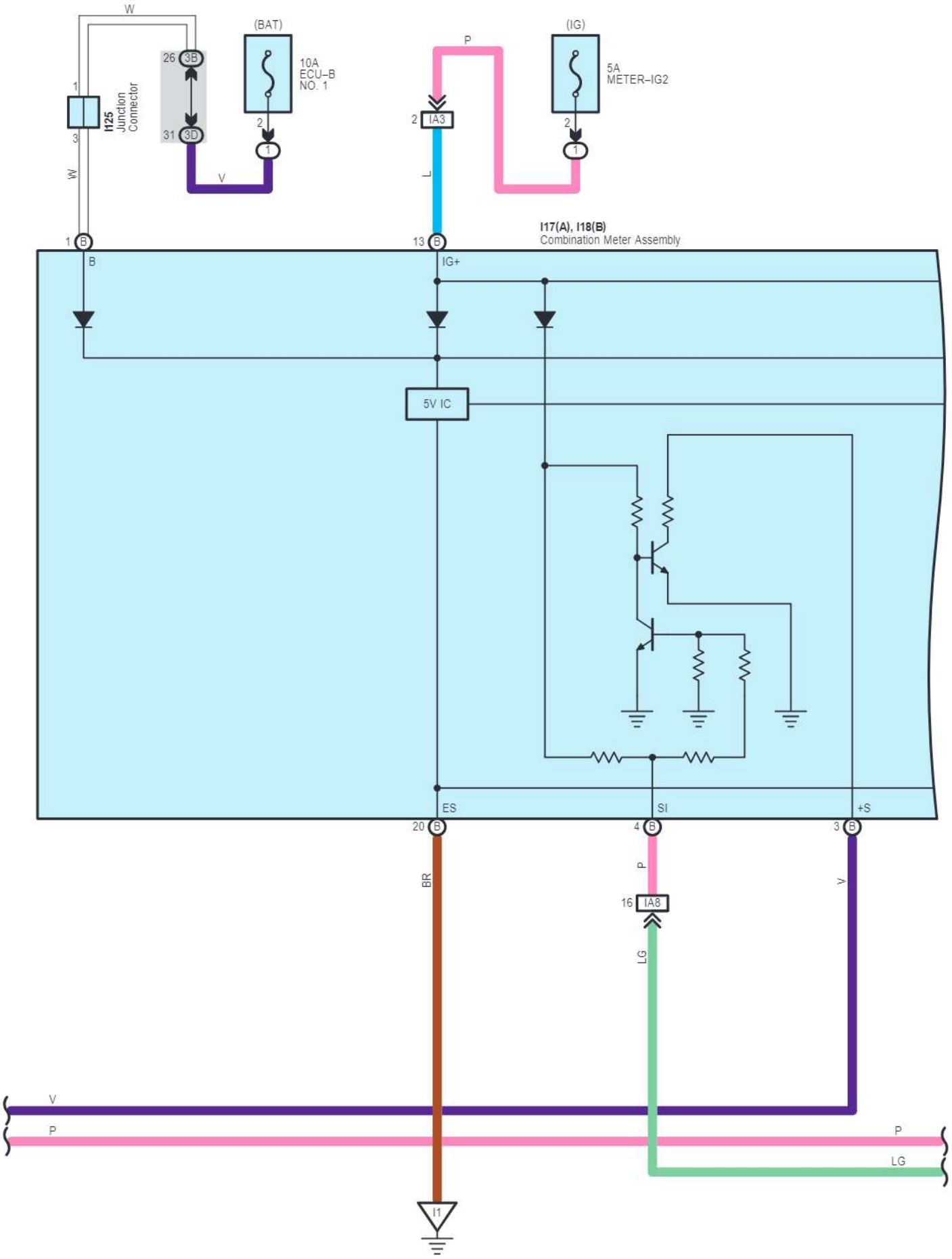


WK1
White

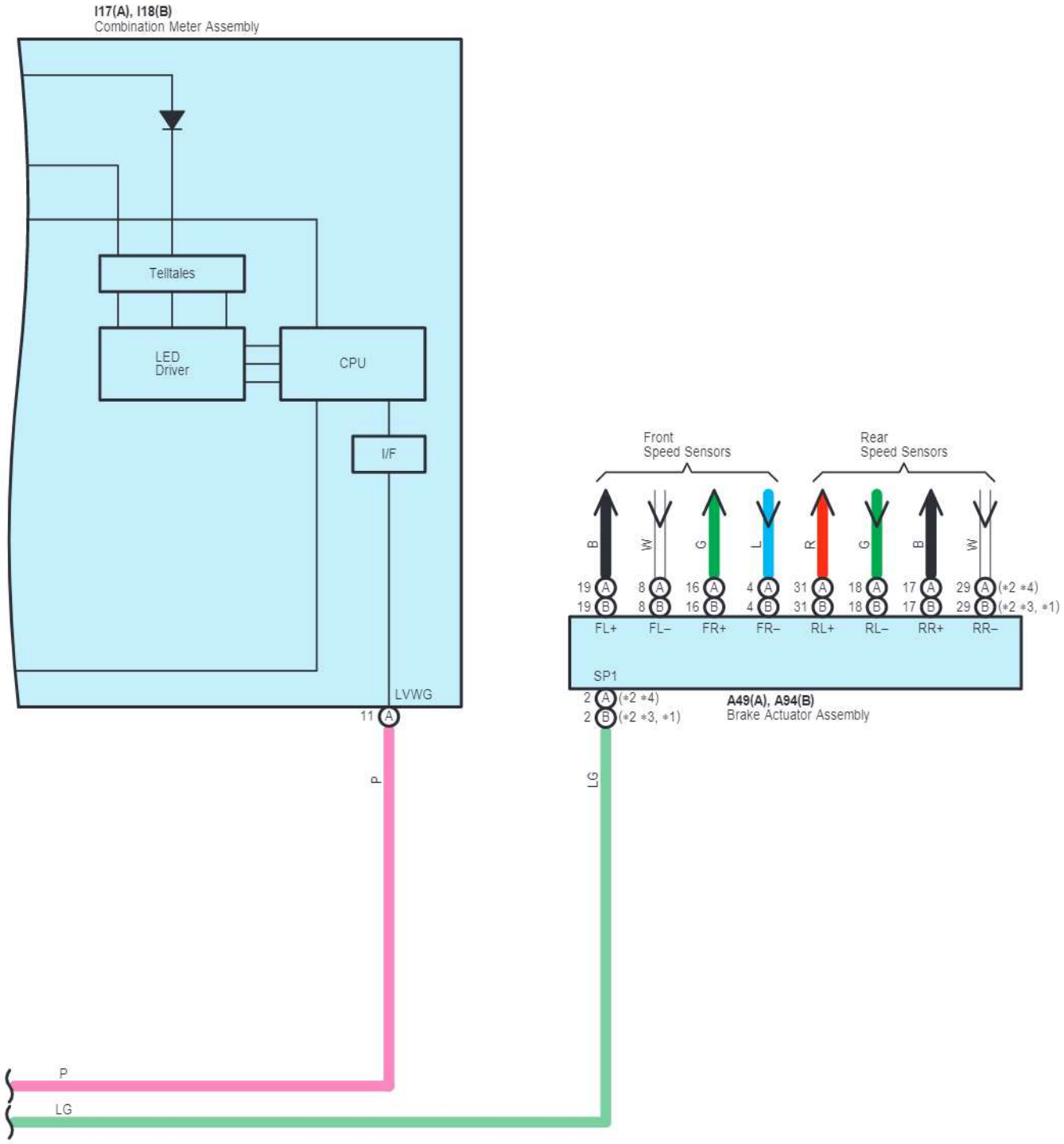



(IG)
7. 5A
H-LP LVL
2
26 3D
LG
I39
Data Link Connector 3
LVL
SIL
8
7
V
GR
7
I124
Junction
Connector
10
GR
17 IA3
18 IA3
O17
Rear Height Control
Sensor Sub-Assembly
SHB
SHRR
SHG
3
2
1
B
L
G
5 OA1
4 OA1
3 OA1
A34
Headlight Leveling ECU Assembly
1
IG
V
GR
B
R
V
5
15
12
19
21
SPDL
PRST
SBR
SHRL
SGR
E1
LH+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

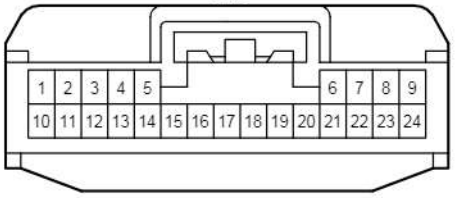

(BAT)
30A
H–LP–
MAIN
(ACC)
7. 5A
ECU–ACC
(IG)
10A
ECU–IG1
NO. 2
(BAT)
20A
D/L–
AM1
(BAT)
10A
ECU–B
NO. 1
B
B
V
H–LP Relay
P
ACC
IG
ALTB
BECU
HRLY
GND1
GND2
HEAD
I12(A), I13(B)
Main Body ECU
W–B
W–B
W–B
G
P
Light Control Switch
EL
T
H
A
DRL OFF (*5)
Off (*6)
AUTO
Tail
Head
I25
Headlight Dimmer
Switch Assembly
BR
V
P
V
P
W–B
I3
I1
I3
* 5 : Except Canada
* 6 : Canada


W
(BAT)
10A
ECU–B
NO. 1
26 3B
31 3D
1
3
I125
Junction
Connector
W
V
2
1
P
(IG)
5A
METER–IG2
2 IA3
L
I17(A), I18(B)
Combination Meter Assembly
1 B
B
13 B
IG+
5V IC
ES
SI
+S
20 B
4 B
3 B
BR
P
V
16 IA8
LG
V
P
P
LG
I1

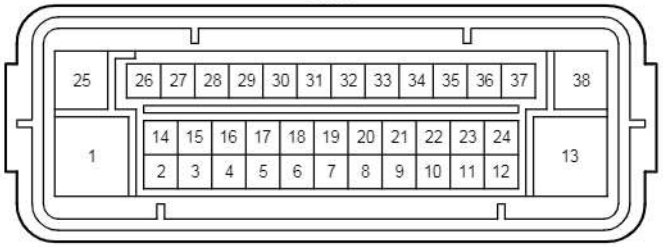
∗ 1 : 2GR–FE
∗ 2 : 2AR–FE
∗ 3 : w/ Dynamic Radar Cruise Control
∗ 4 : w/o Dynamic Radar Cruise Control



A 34
White



A 49
Black



A 76
Black



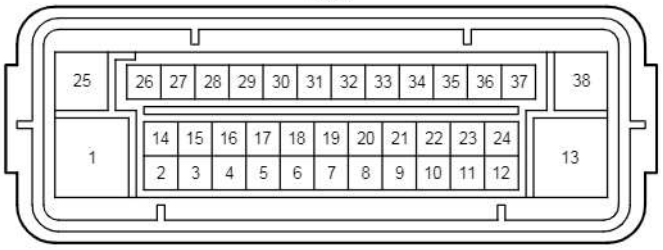
(Headlight Leveling Motor)

A 79
Black

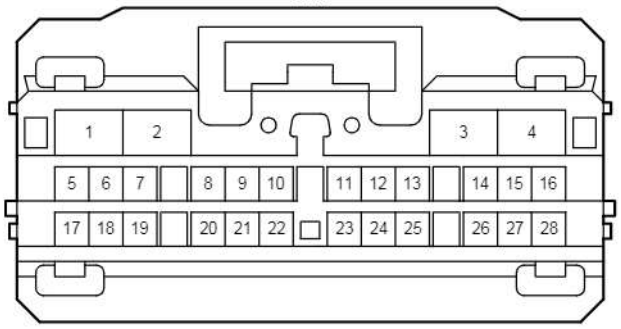


(Headlight Leveling Motor)

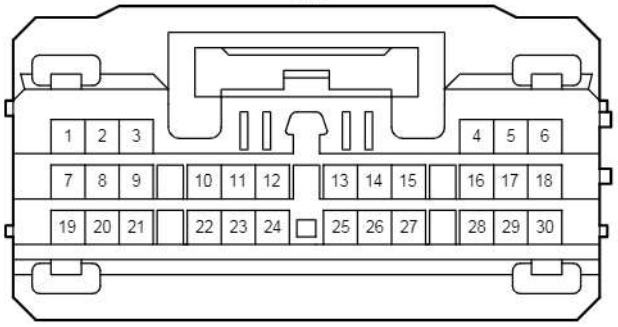
A 94
Black



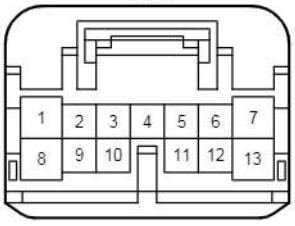
I 12
White



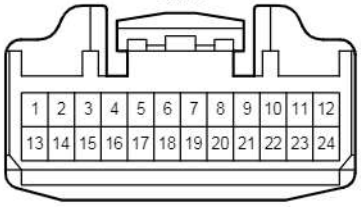
I 13
White



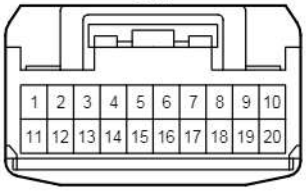
I 17
Black



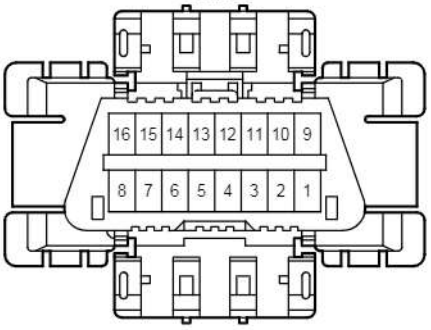
I 18
Black



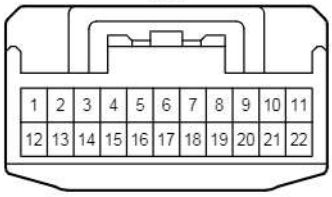
I 25
Black



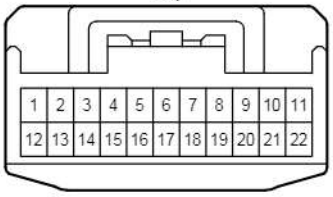
I 39
White



I124
White



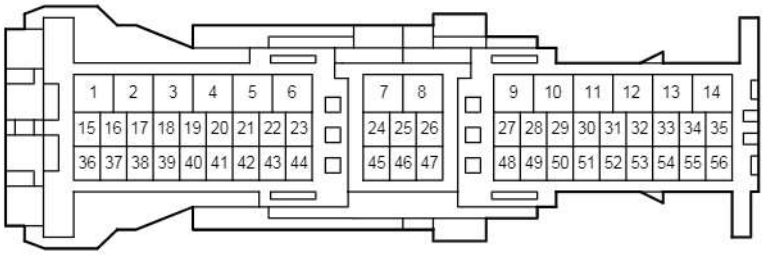
I125
Gray



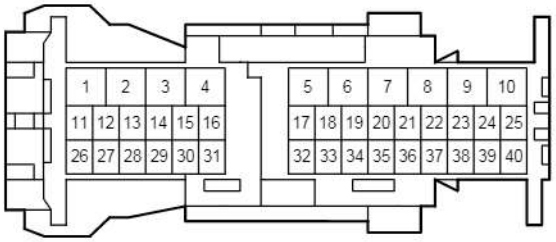
O 17
Black



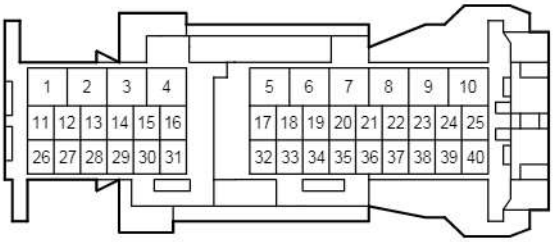
3A
White



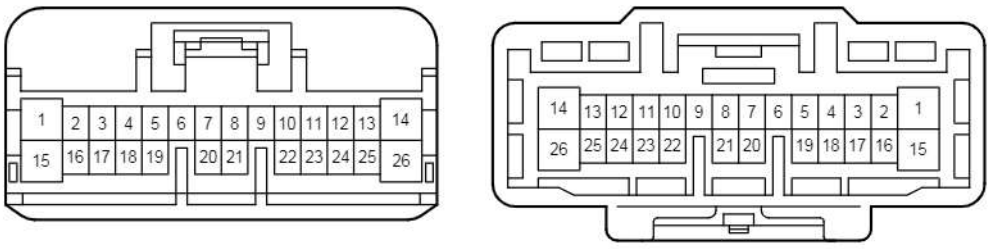
3B
White

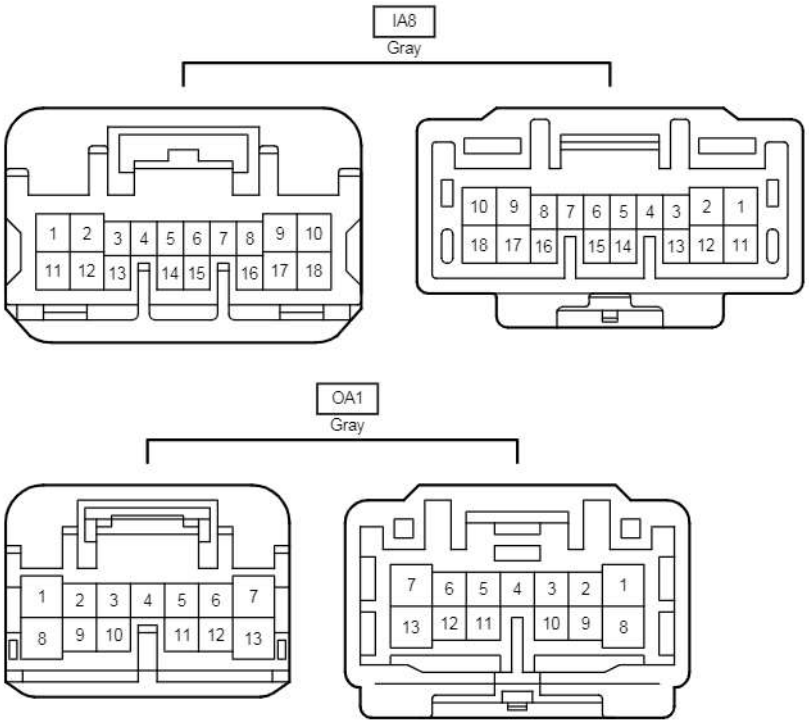


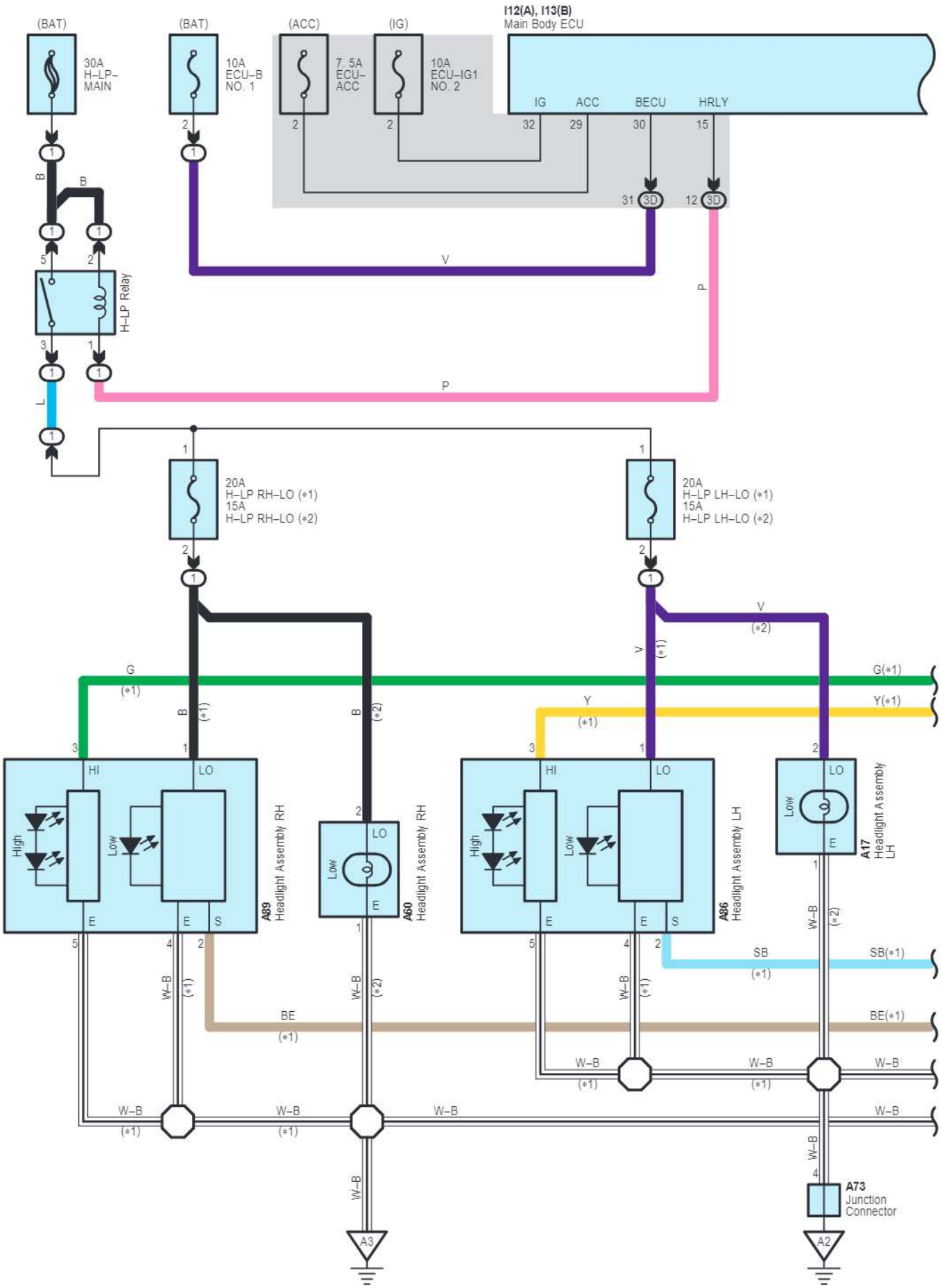
3D
White

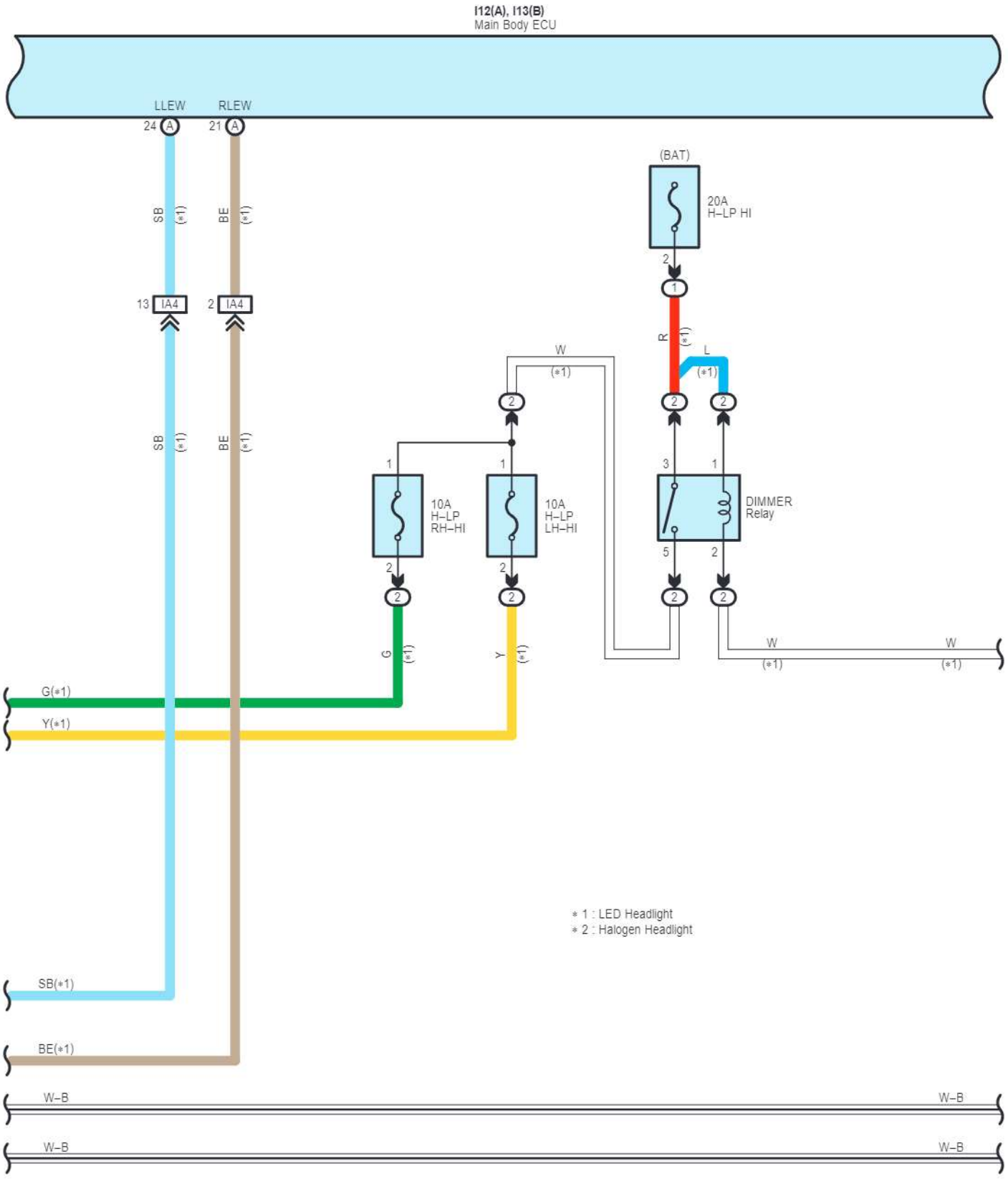


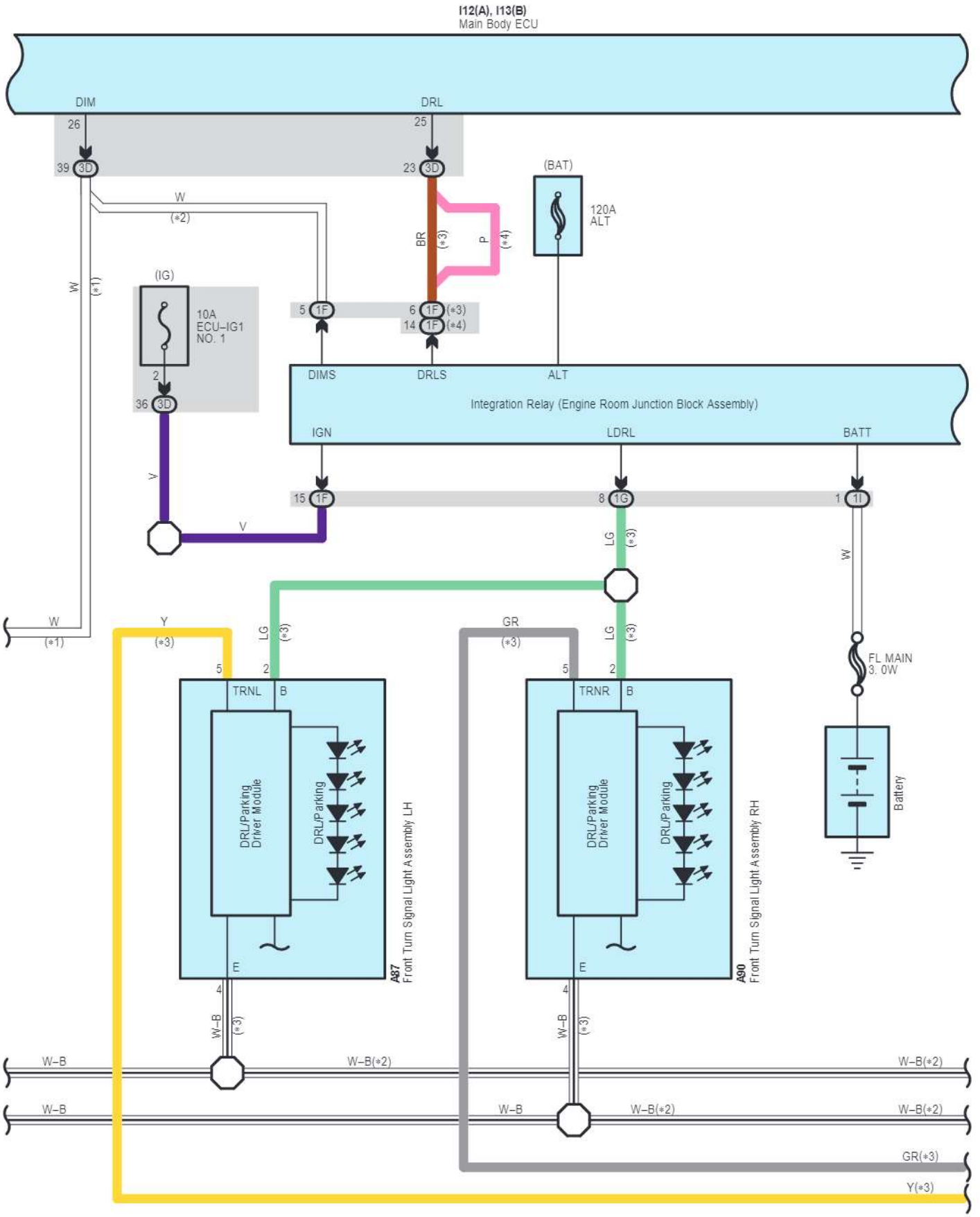
IA3
Blue

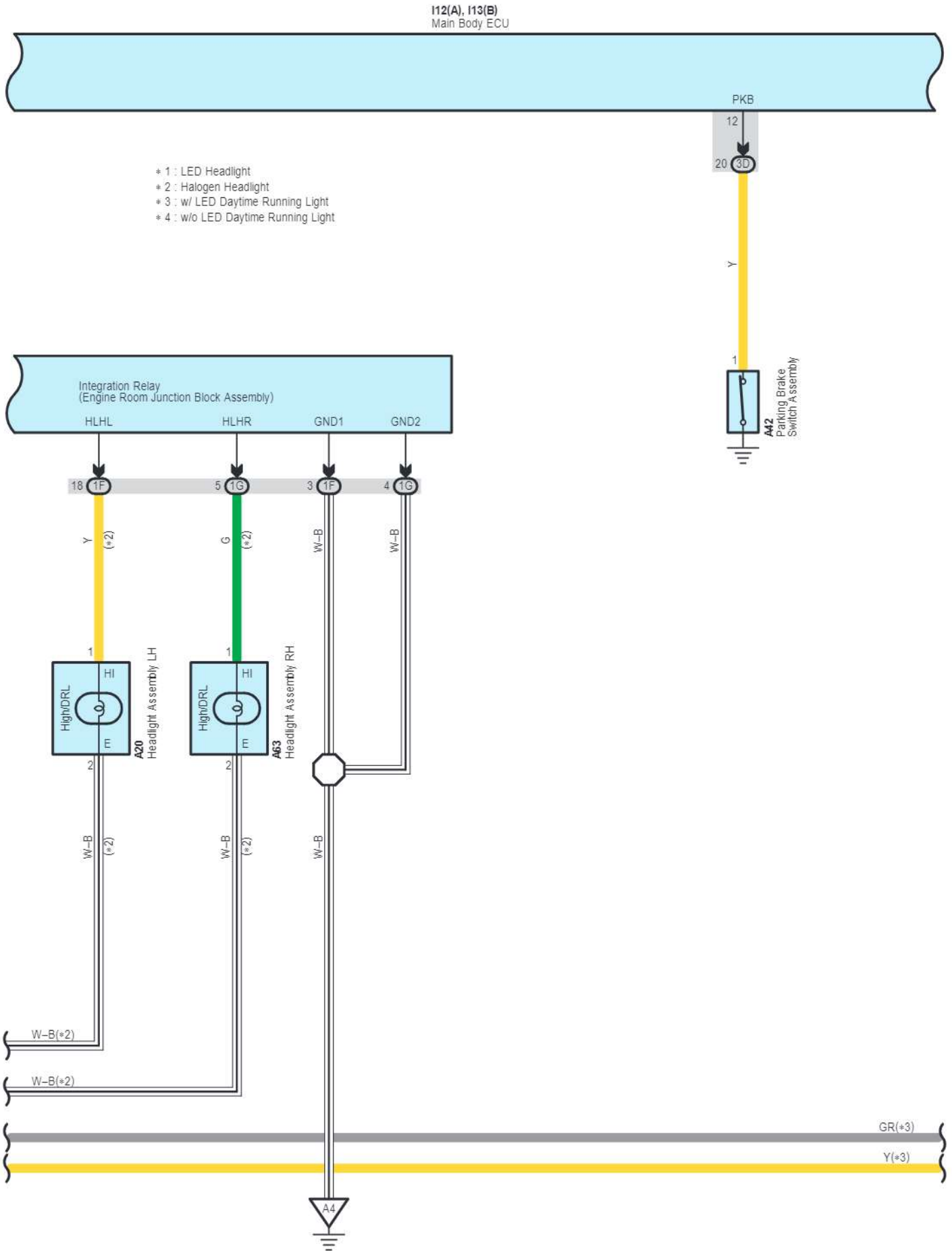


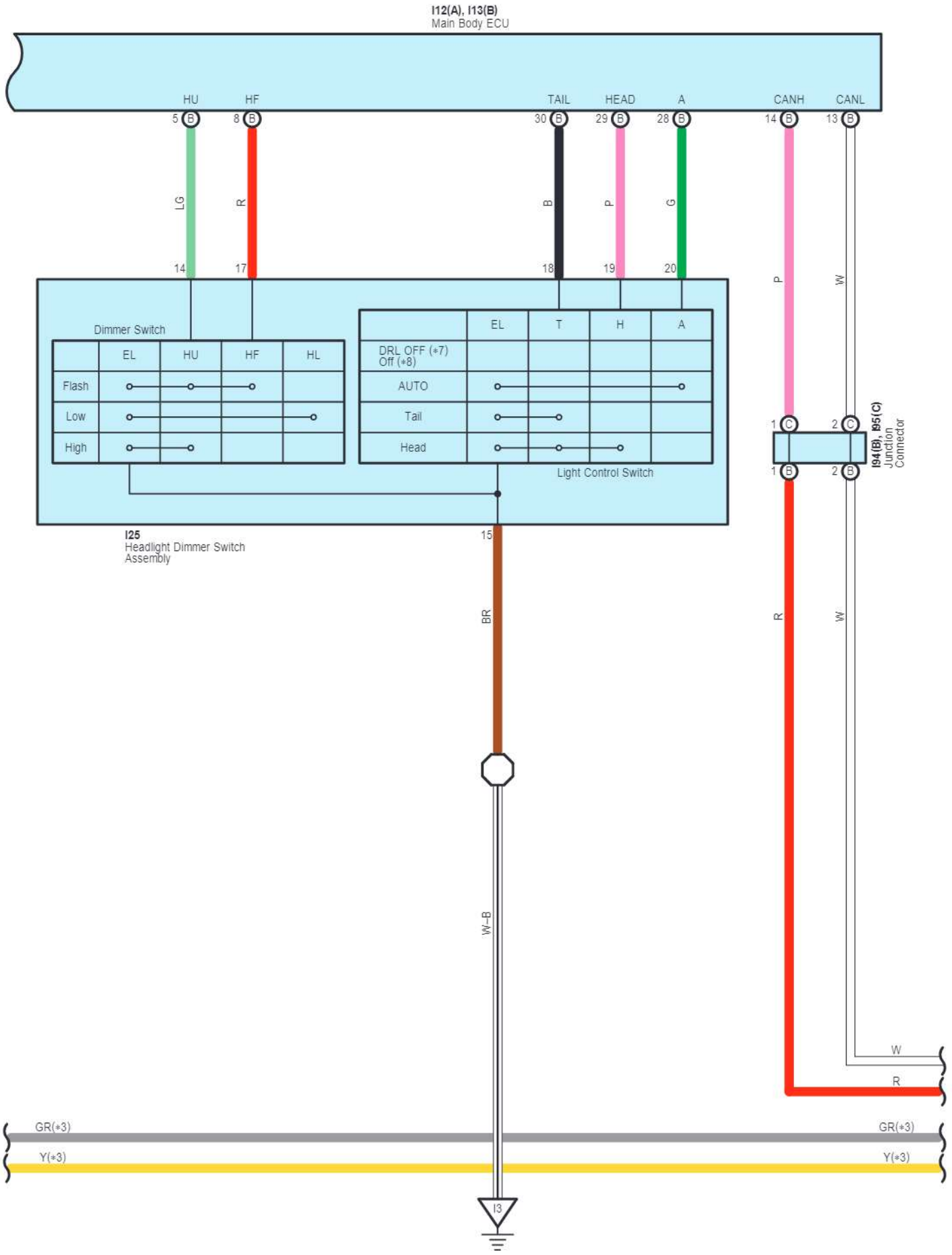

IA8
Gray
1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18
10 9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11
OA1
Gray
1 2 3 4 5 6 7
8 9 10 11 12 13
7 6 5 4 3 2 1
13 12 11 10 9 8

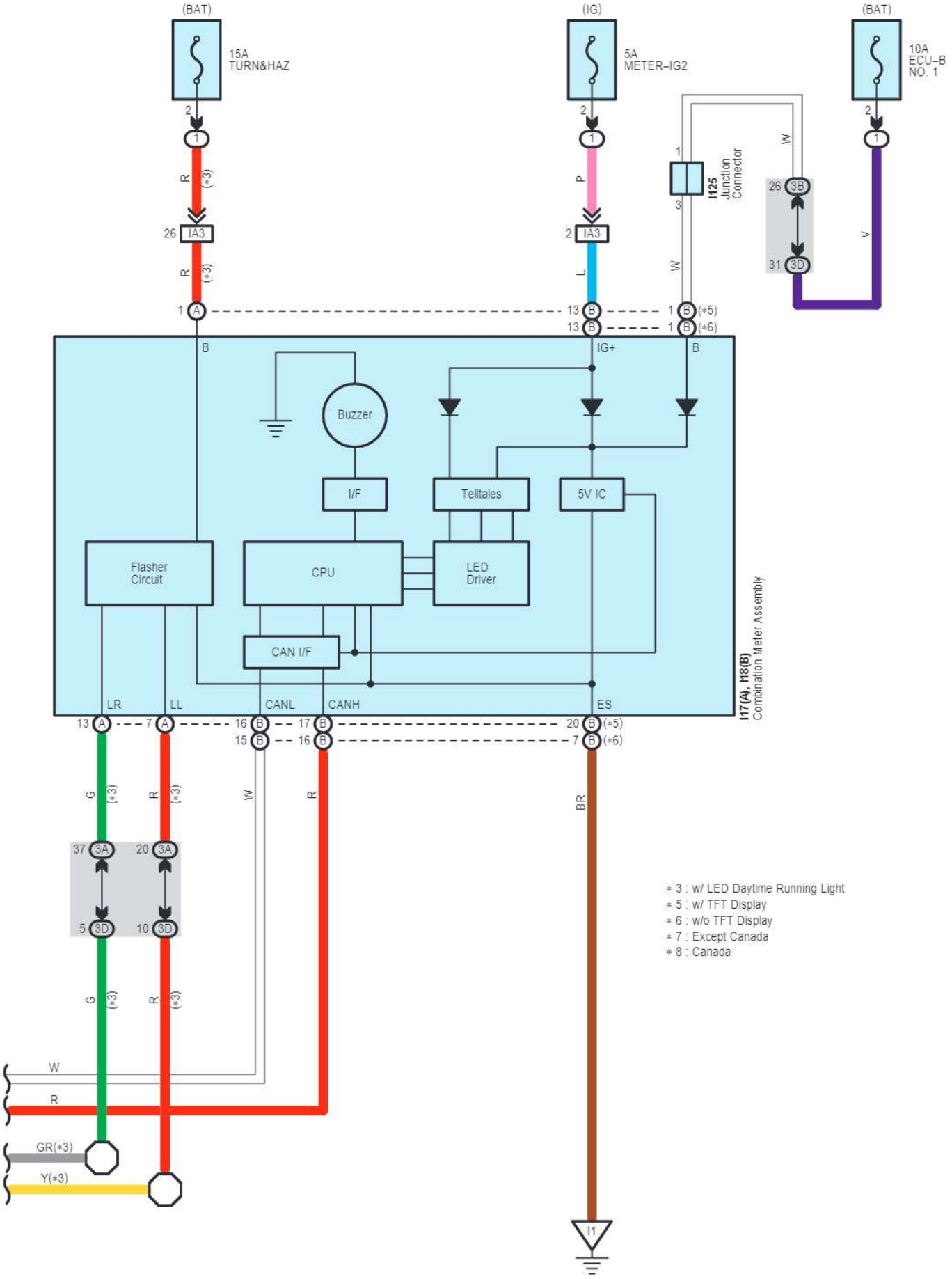

(BAT)
30A
H-LP-
MAIN
(BAT)
10A
ECU-B
NO. 1
(ACC)
7. 5A
ECU-
ACC
(IG)
10A
ECU-IG1
NO. 2
I12(A), I13(B)
Main Body ECU
IG
ACC
BECU
HRLY
32
29
30
15
31 3D
12 3D
B
B
V
P
5
2
H-LP Relay
3
1
P
L
20A
H-LP RH-LO (*1)
15A
H-LP RH-LO (*2)
20A
H-LP LH-LO (*1)
15A
H-LP LH-LO (*2)
V
(*2)
V
(*1)
G
(*1)
G(*1)
Y
(*1)
Y(*1)
B
(*1)
B
(*2)
HI
LO
High
Low
E
E
S
A89
Headlight Assembly RH
A60
Headlight Assembly RH
A86
Headlight Assembly LH
A17
Headlight Assembly LH
W-B
(*1)
W-B
(*2)
SB
(*1)
SB(*1)
BE
(*1)
BE(*1)
W-B
(*1)
W-B
(*1)
W-B
W-B
(*1)
W-B
(*1)
W-B
W-B
W-B
W-B
A3
A2
A73
Junction
Connector


I12(A), I13(B)
Main Body ECU
LLEW
RLEW
24
21
A
SB
BE
(*1)
13
2
IA4
(BAT)
20A
H-LP HI
R
L
W
1
2
3
5
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

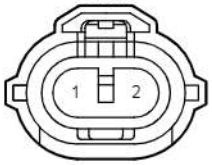

I12(A), I13(B)
Main Body ECU
DIM
DRL
26
25
39 3D
23 3D
(BAT)
120A
ALT
W
(*2)
BR
(*3)
P
(*4)
W
(*1)
(IG)
10A
ECU–IG1
NO. 1
5 1F
6 1F (*3)
14 1F (*4)
2
36 3D
DIMS
DRLS
ALT
Integration Relay (Engine Room Junction Block Assembly)
IGN
LDRL
BATT
15 1F
8 1G
1 1I
V
V
LG
(*3)
W
W
(*1)
Y
(*3)
LG
(*3)
GR
(*3)
LG
(*3)
W
FL MAIN
3. 0W
5
2
TRNL
B
DRL/Parking
Driver Module
DRL/Parking
E
A87
Front Turn Signal Light Assembly LH
5
2
TRNR
B
DRL/Parking
Driver Module
DRL/Parking
E
A90
Front Turn Signal Light Assembly RH
Battery
4
W–B
(*3)
4
W–B
(*3)
W–B
W–B(*2)
W–B(*2)
W–B
W–B
W–B(*2)
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
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
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)
A4


I12(A), I13(B)
Main Body ECU
HU
HF
TAIL
HEAD
A
CANH
CANL
5 B
8 B
30 B
29 B
28 B
14 B
13 B
LG
R
B
P
G
P
W
14
17
18
19
20
Dimmer Switch
EL
HU
HF
HL
Flash
Low
High
EL
T
H
A
DRL OFF (*7)
Off (*8)
AUTO
Tail
Head
Light Control Switch
1 C
2 C
1 B
2 B
I94(B), I95(C)
Junction
Connector
I25
Headlight Dimmer Switch
Assembly
15
BR
R
W
W-B
W
R
GR(*3)
Y(*3)
GR(*3)
Y(*3)
I3

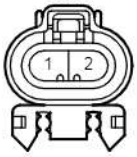

(BAT)
15A
TURN&HAZ
(IG)
5A
METER–IG2
(BAT)
10A
ECU–B
NO. 1
I125
Junction
Connector
I17(A), I18(B)
Combination Meter Assembly
Buzzer
I/F
Telltales
5V IC
Flasher
Circuit
CPU
LED
Driver
CAN I/F
B
IG+
LR
LL
CANL
CANH
ES
I1
GR(*3)
Y(*3)
* 3 : w/ LED Daytime Running Light
* 5 : w/ TFT Display
* 6 : w/o TFT Display
* 7 : Except Canada
* 8 : Canada

A 17
Black



(Low Halogen Type)

A 20
Black

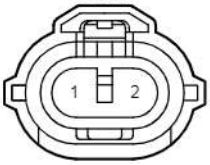


(High and DRL Halogen Type)

A 42
Black

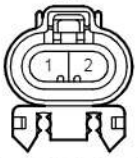


A 60
Black



(Low Halogen Type)

A 63
Black



(High and DRL Halogen Type)

A 73
Gray



A 86
Black



(High and Low LED Type)

A 87
Black



A 89
Black

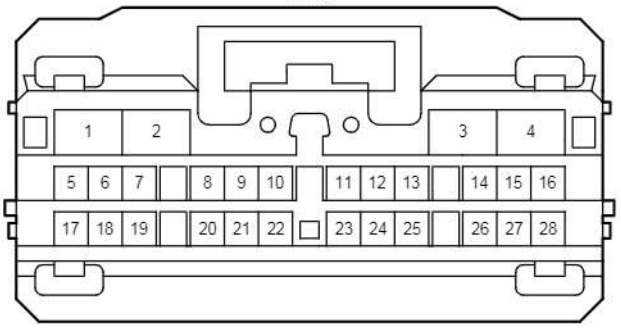


(High and Low LED Type)

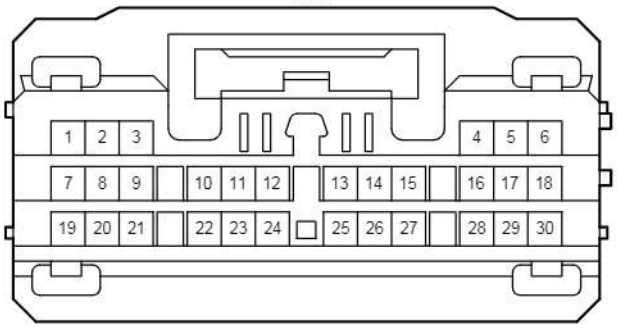
A 90
Black



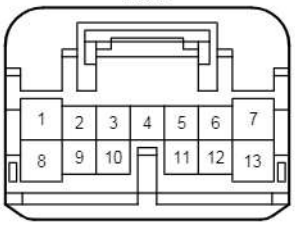
I 12
White



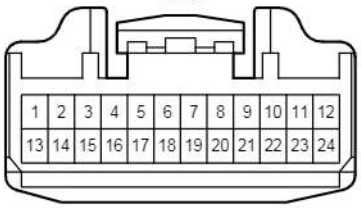
I 13
White



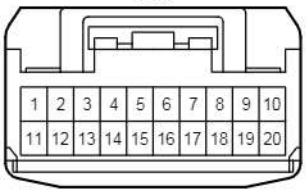
I 17
Black



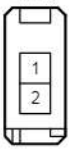
I 18
Black



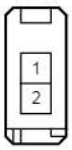
I 25
Black



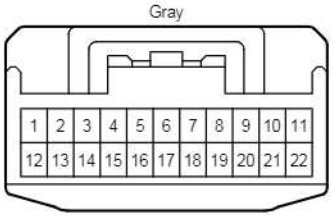
I 94
White



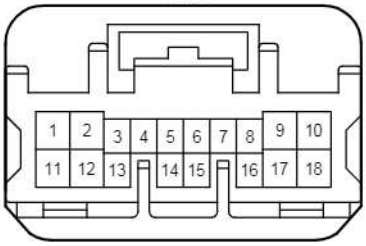
I 95
White



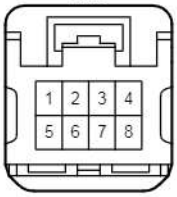
I125
Gray



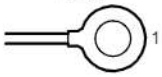
1F
White



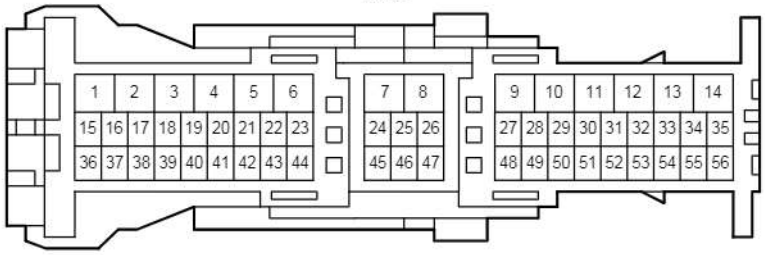
1G
White



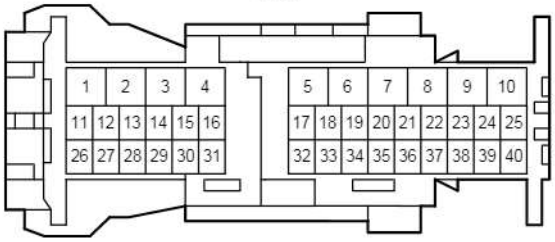
1I
White



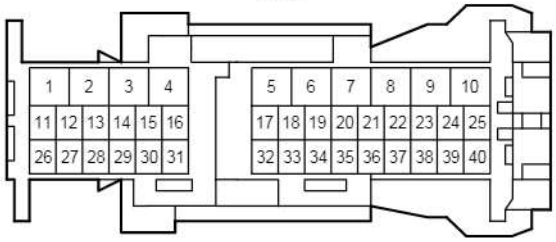
3A
White



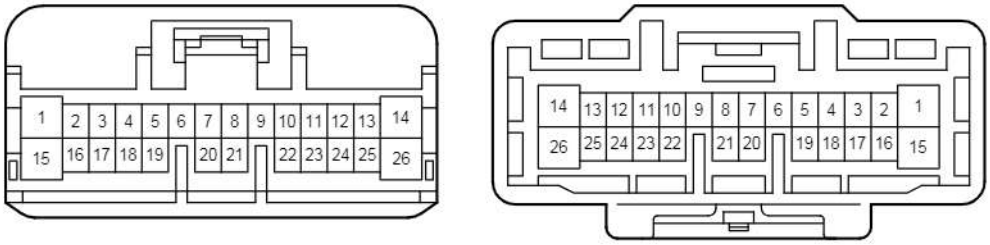
3B
White



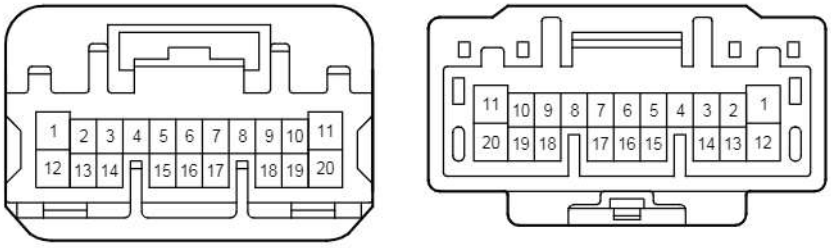
3D
White



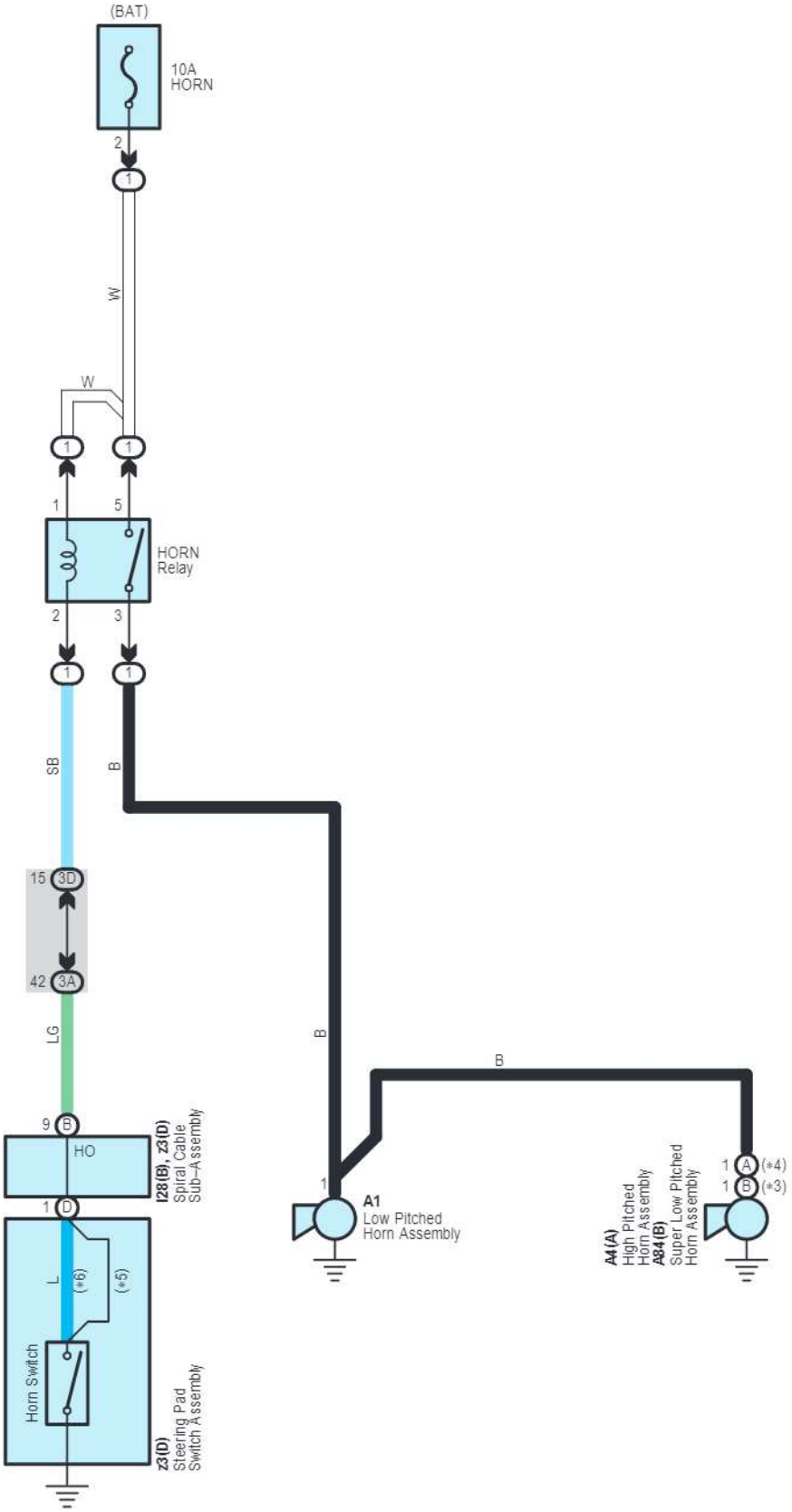
IA3
Blue



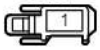
IA4
Gray



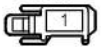
* 3 : Korea
* 4 : Except Korea
* 5 : w/ Paddle Shift Switch
* 6 : w/o Paddle Shift Switch



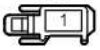
A 1
Black



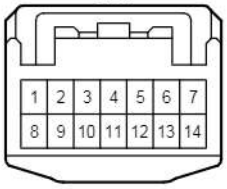
A 4
Black



A 84
Black



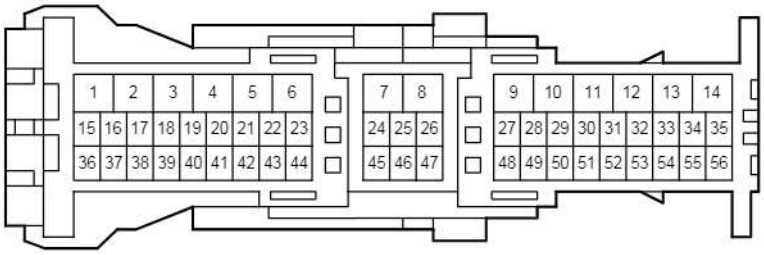
I 28
Black



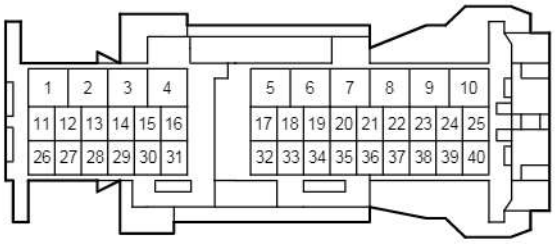
z 3
Black

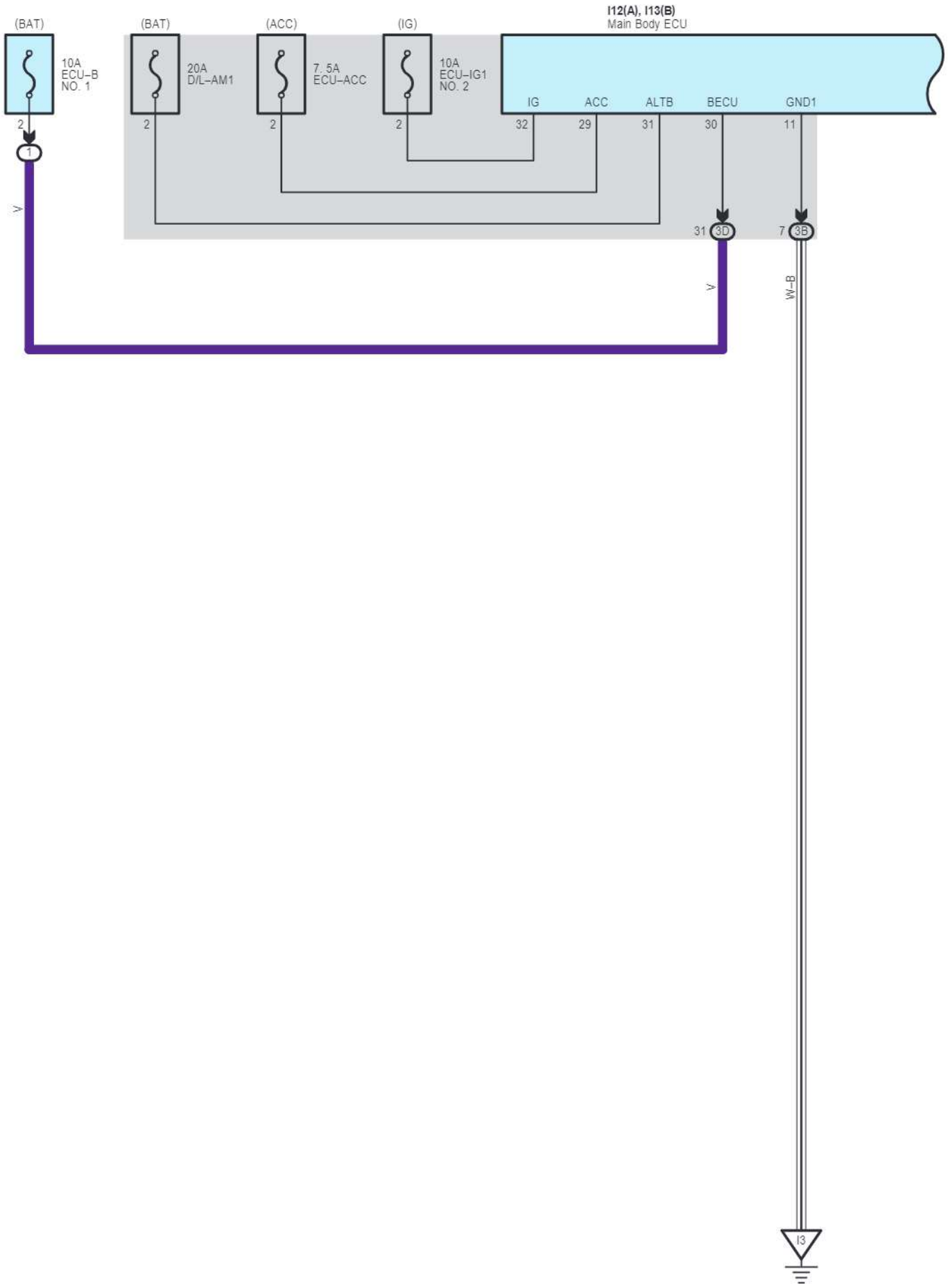


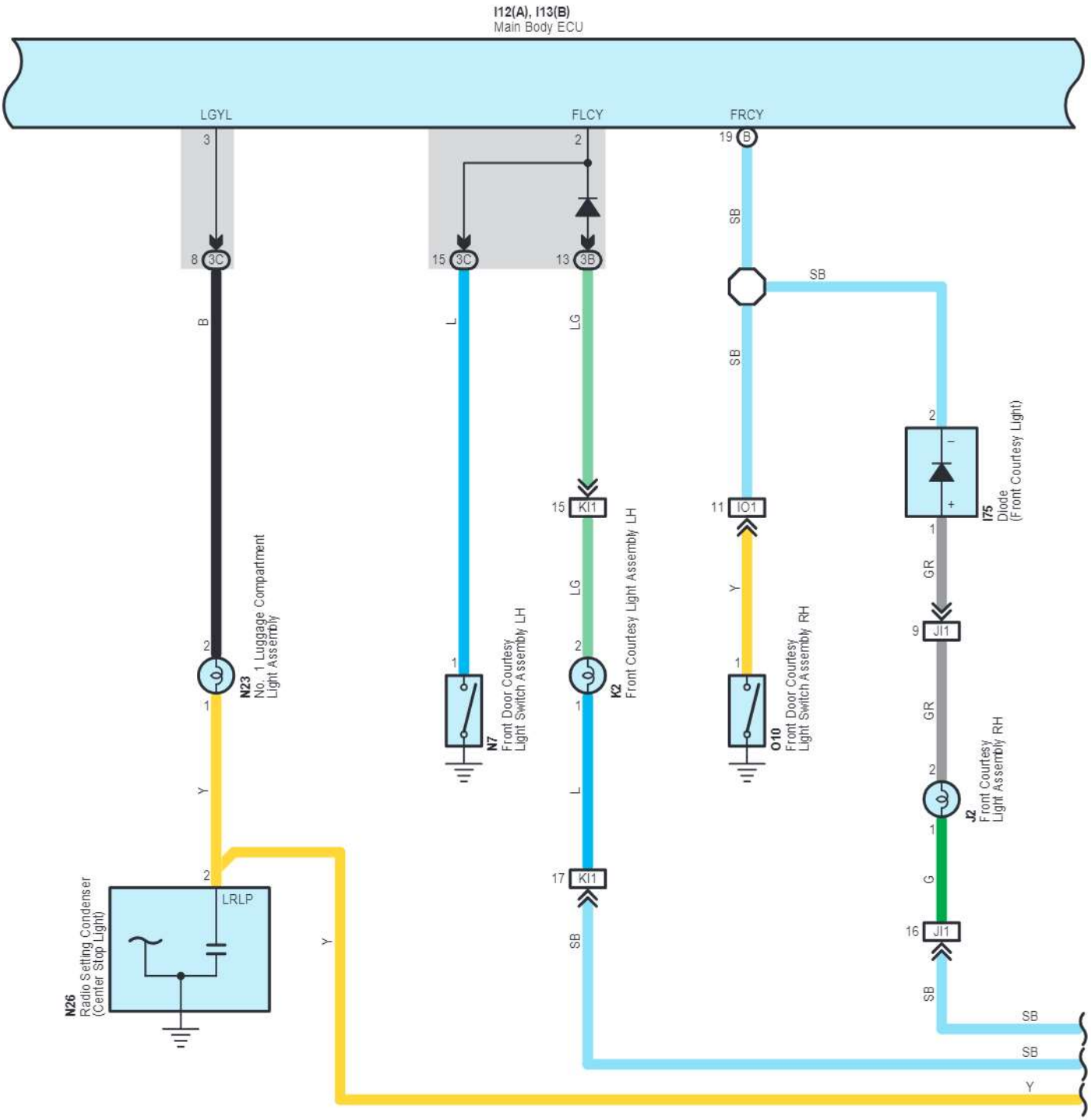
3A
White

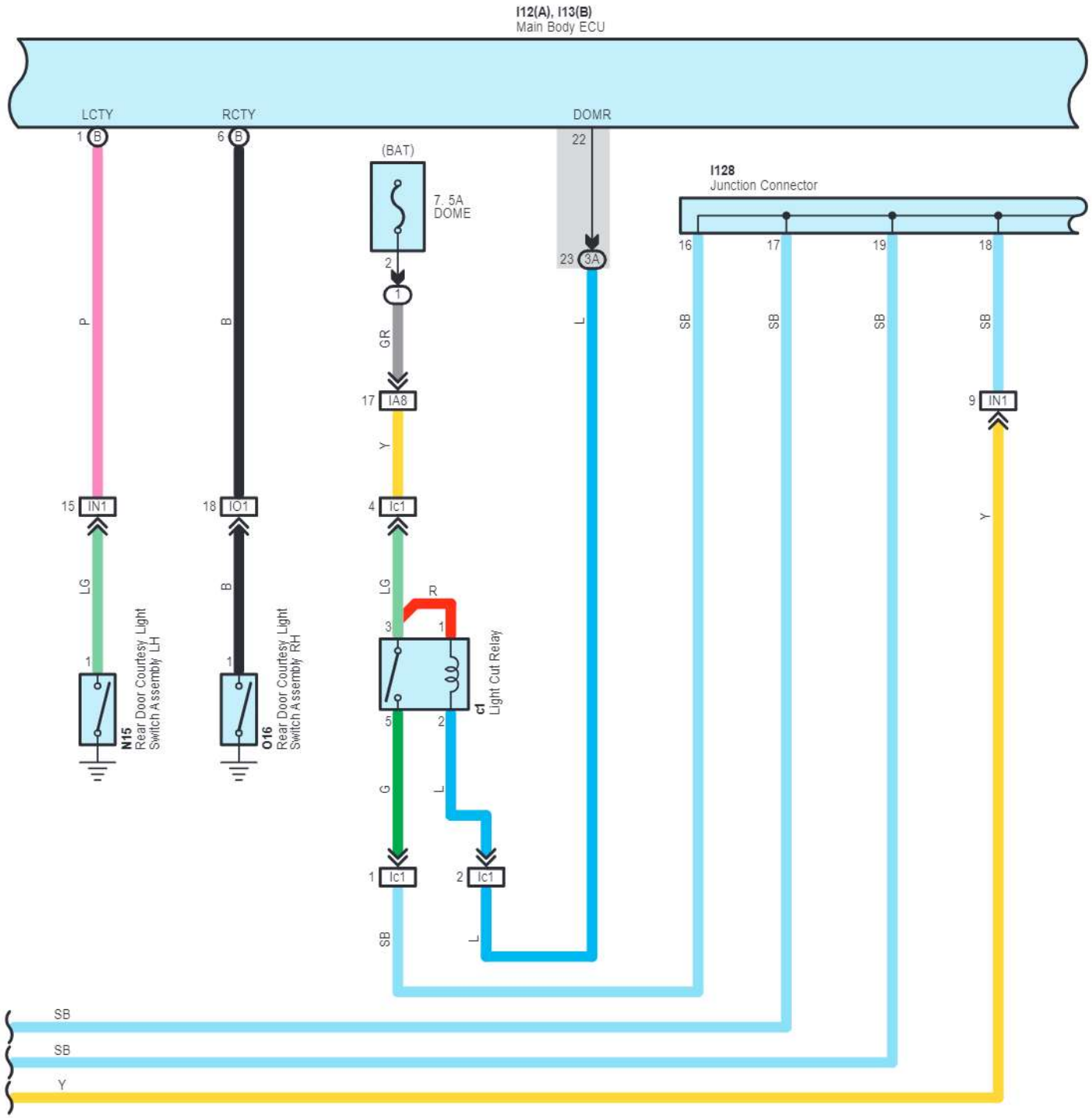


3D
White

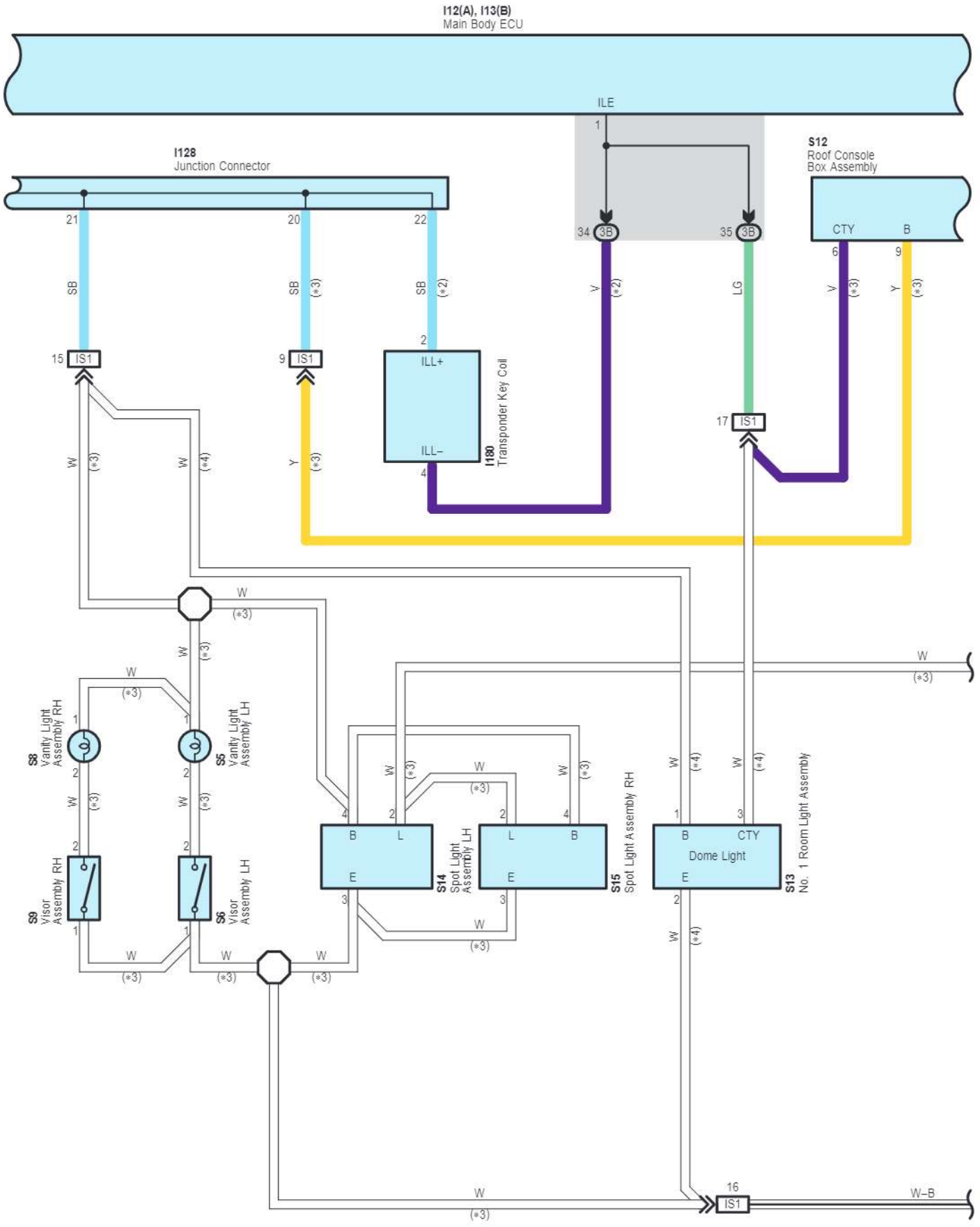


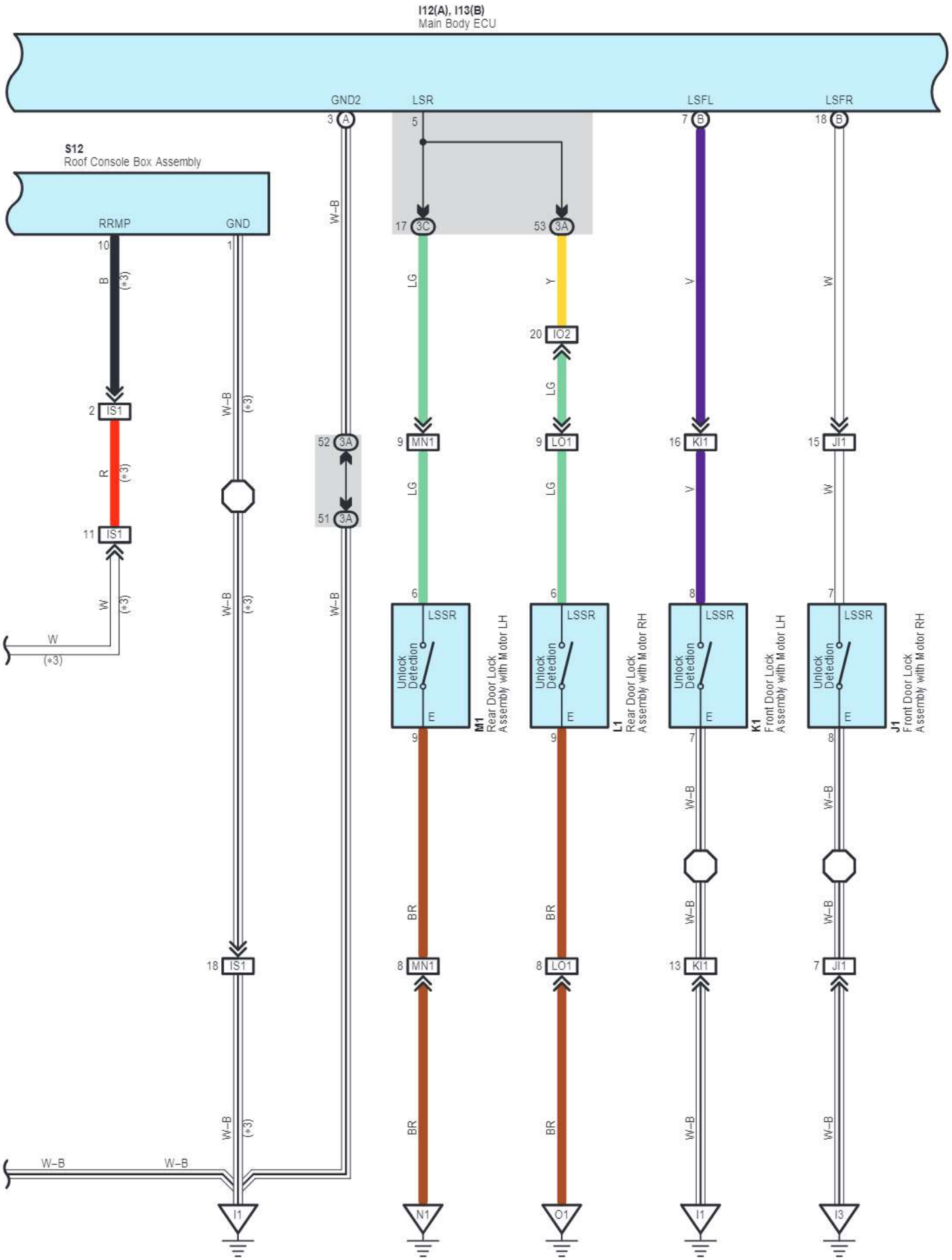

(BAT)
10A
ECU–B
NO. 1
2
1
V
(BAT)
20A
D/L–AM1
2
(ACC)
7. 5A
ECU–ACC
2
(IG)
10A
ECU–IG1
NO. 2
2
I12(A), I13(B)
Main Body ECU
IG
ACC
ALTB
BECU
GND1
32
29
31
30
11
31
3D
7
3B
V
W–B
I3

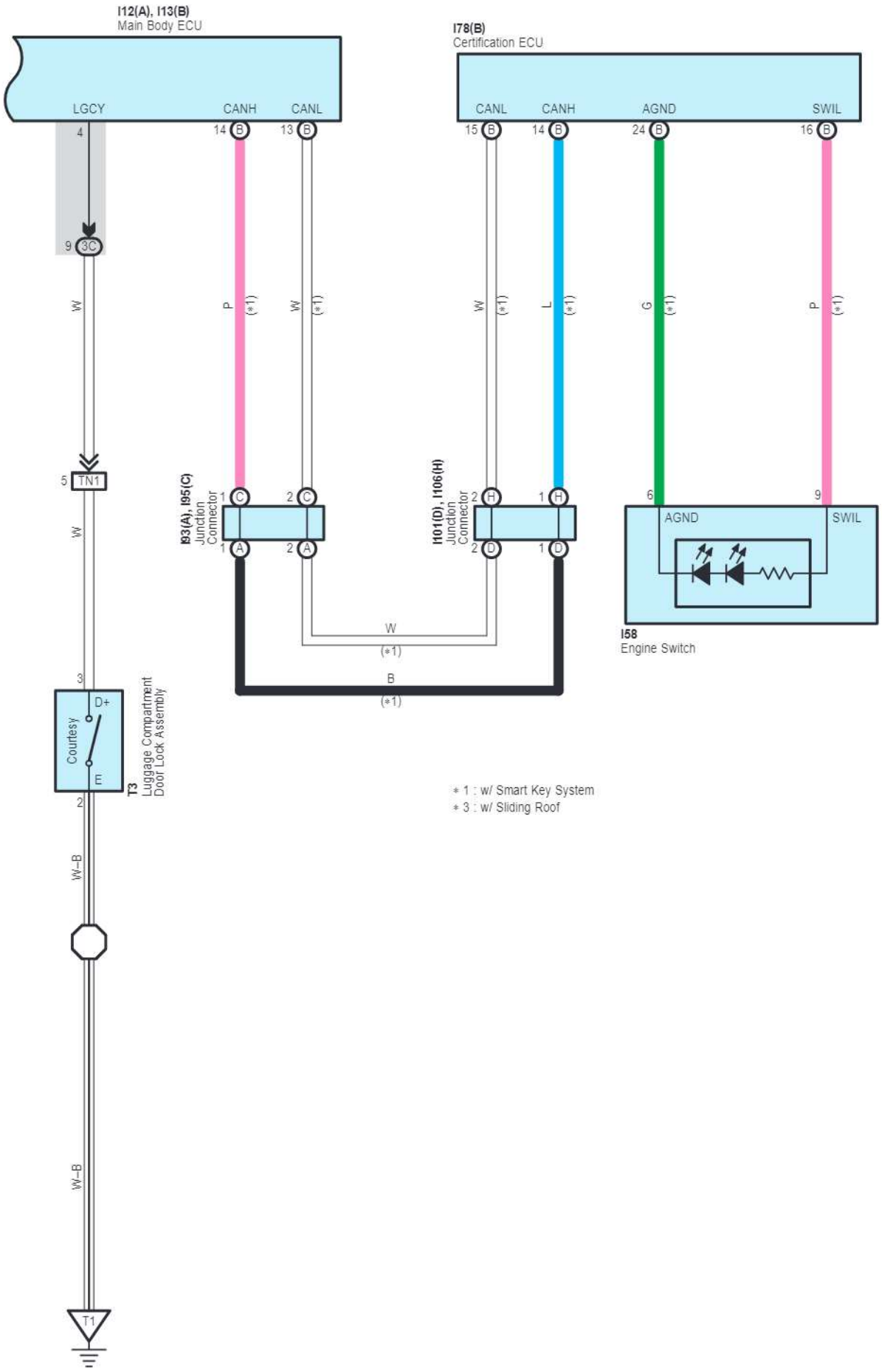

I12(A), I13(B)
Main Body ECU
LGYL
FLCY
FRCY
3
2
19 B
8 3C
15 3C
13 3B
B
L
LG
SB
SB
SB
2
15 KI1
11 IO1
I75
Diode
(Front Courtesy Light)
1
GR
9 JI1
LG
Y
GR
N23
No. 1 Luggage Compartment
Light Assembly
N7
Front Door Courtesy
Light Switch Assembly LH
K2
Front Courtesy Light Assembly LH
O10
Front Door Courtesy
Light Switch Assembly RH
J2
Front Courtesy
Light Assembly RH
2
1
L
G
17 KI1
16 JI1
SB
SB
SB
Y
2
LRLP
N26
Radio Setting Condenser
(Center Stop Light)
Y



* 2 : w/o Smart Key System
* 3 : w/ Sliding Roof
* 4 : w/o Sliding Roof

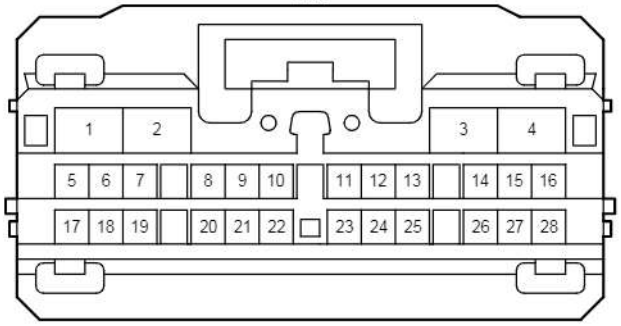

I12(A), I13(B)
Main Body ECU
ILE
1
I128
Junction Connector
21
20
22
SB
SB (*3)
SB (*2)
34 3B
35 3B
V (*2)
LG
S12
Roof Console
Box Assembly
CTY
B
6
9
V (*3)
Y (*3)
15 IS1
9 IS1
2
ILL+
ILL−
4
I180
Transponder Key Coil
17 IS1
W (*3)
W (*4)
Y (*3)
W (*3)
W (*3)
W (*3)
S8
Vanity Light
Assembly RH
S5
Vanity Light
Assembly LH
S9
Visor
Assembly RH
S6
Visor
Assembly LH
B
L
E
S14
Spot Light
Assembly LH
S15
Spot Light Assembly RH
B
CTY
Dome Light
E
S13
No. 1 Room Light Assembly
W (*4)
16 IS1
W–B


I12(A), I13(B)
Main Body ECU
GND2
LSR
LSFL
LSFR
S12
Roof Console Box Assembly
RRMP
GND
Unlock Detection
LSSR
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
LG
Y
V
W
R
B
BR
(*3)

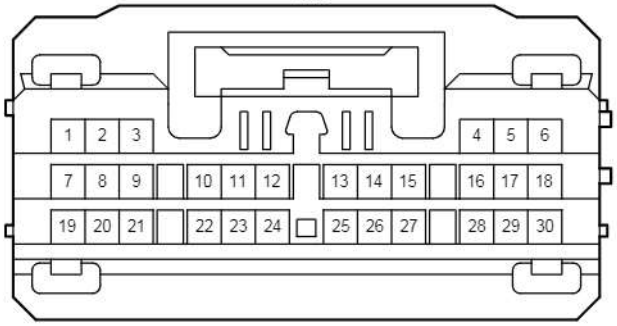


* 1 : w/ Smart Key System
* 3 : w/ Sliding Roof

I 12
White



I 13
White



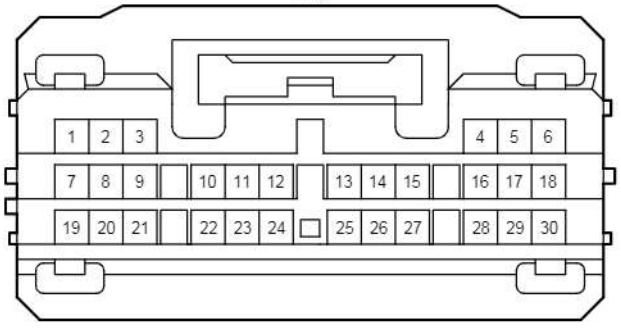
I 58
Black



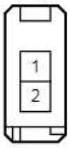
I 75
Black



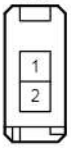
I 78
White



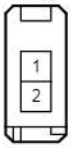
I 93
White



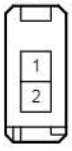
I 95
White



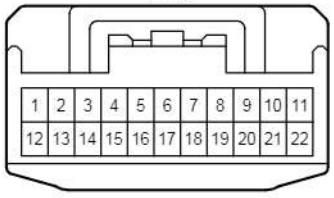
I101
White



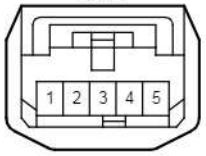
I106
White



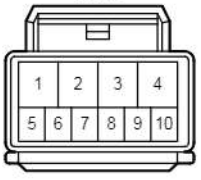
I128
White



I180
Black



J 1
White



J 2
White



K 1
White



K 2
White



L 1
White



M 1
White



N 7
Black



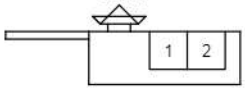
N 15
Black



N 23
Gray



N 26
Black



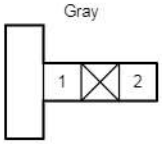
O 10
Black



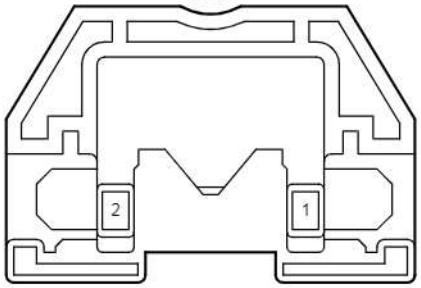
O 16
Black



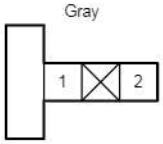
S 5
Gray



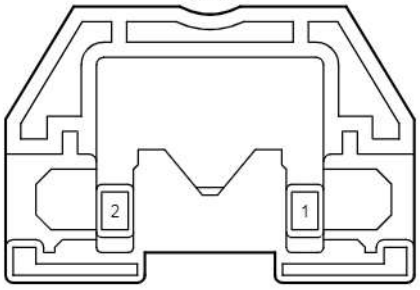
S 6
White



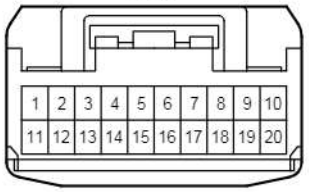
S 8
Gray



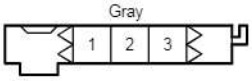
S 9
White



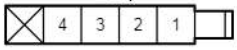
S 12
Black



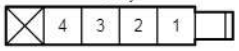
S 13
Gray



S 14
Gray



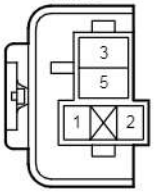
S 15
Gray



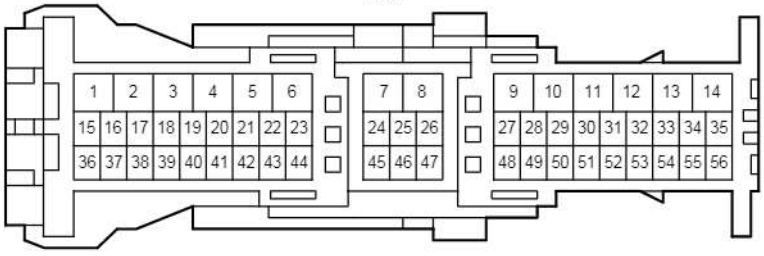
T 3
Black



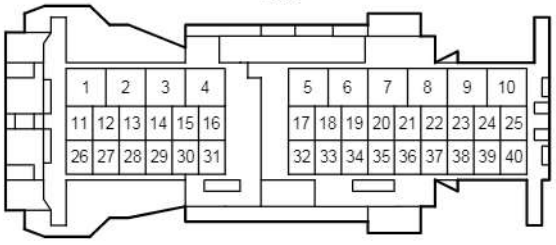
c 1
White



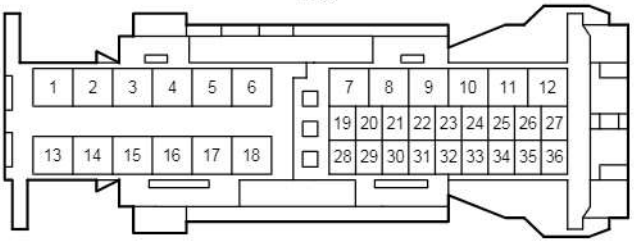
3A
White



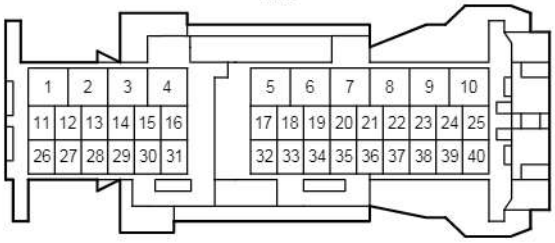
3B
White



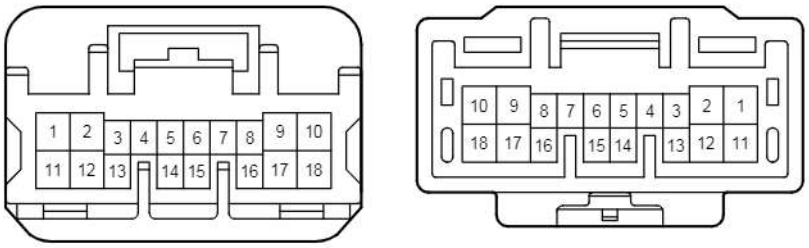
3C
White



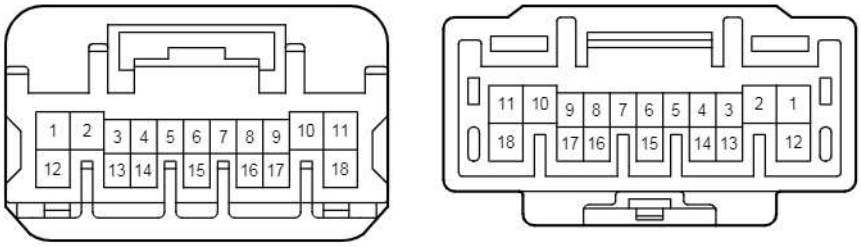
3D
White



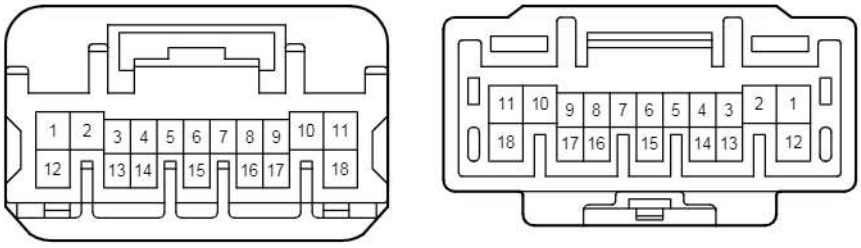
IA8
Gray



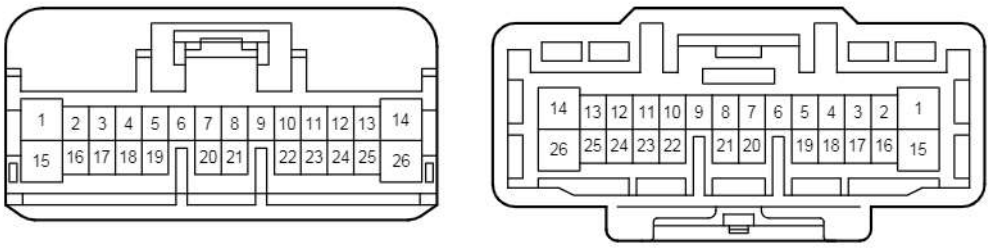
IN1
White



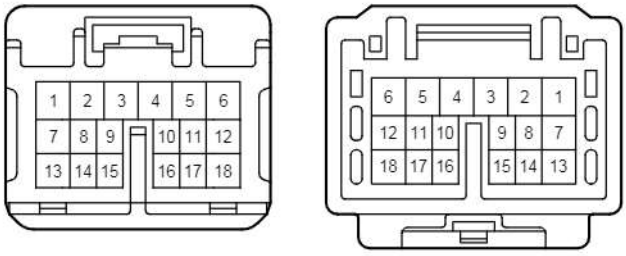
IO1
White



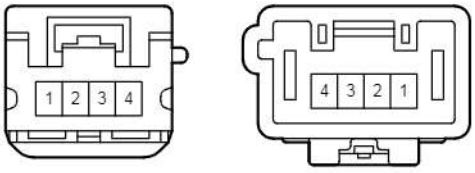
IO2
White



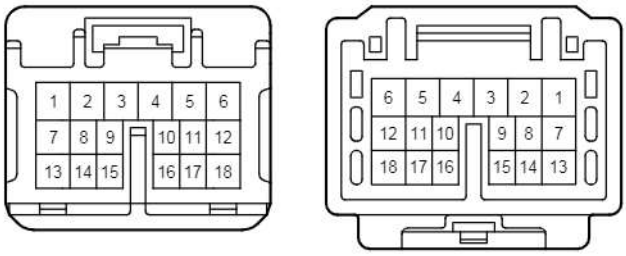
IS1
White



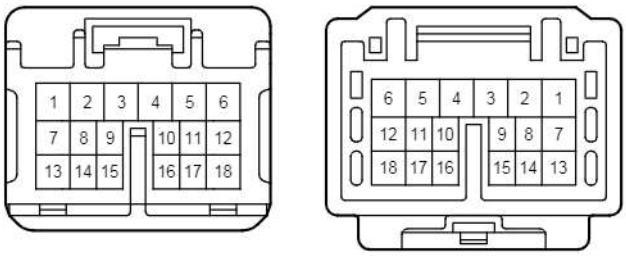
Ic1
White



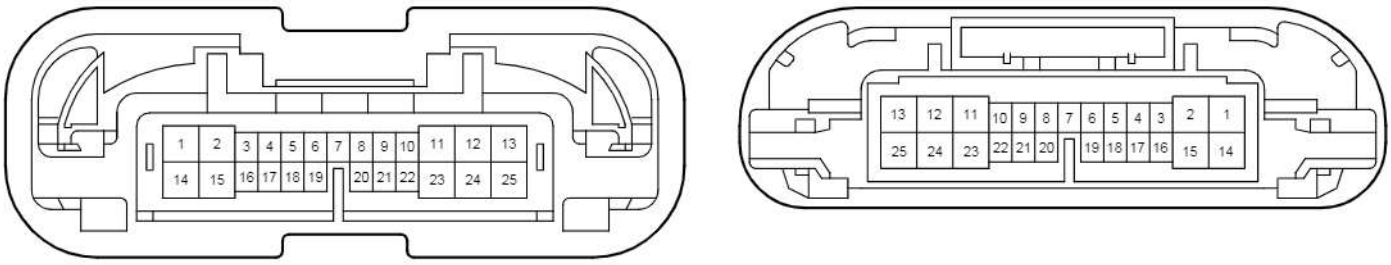
JI1
Gray

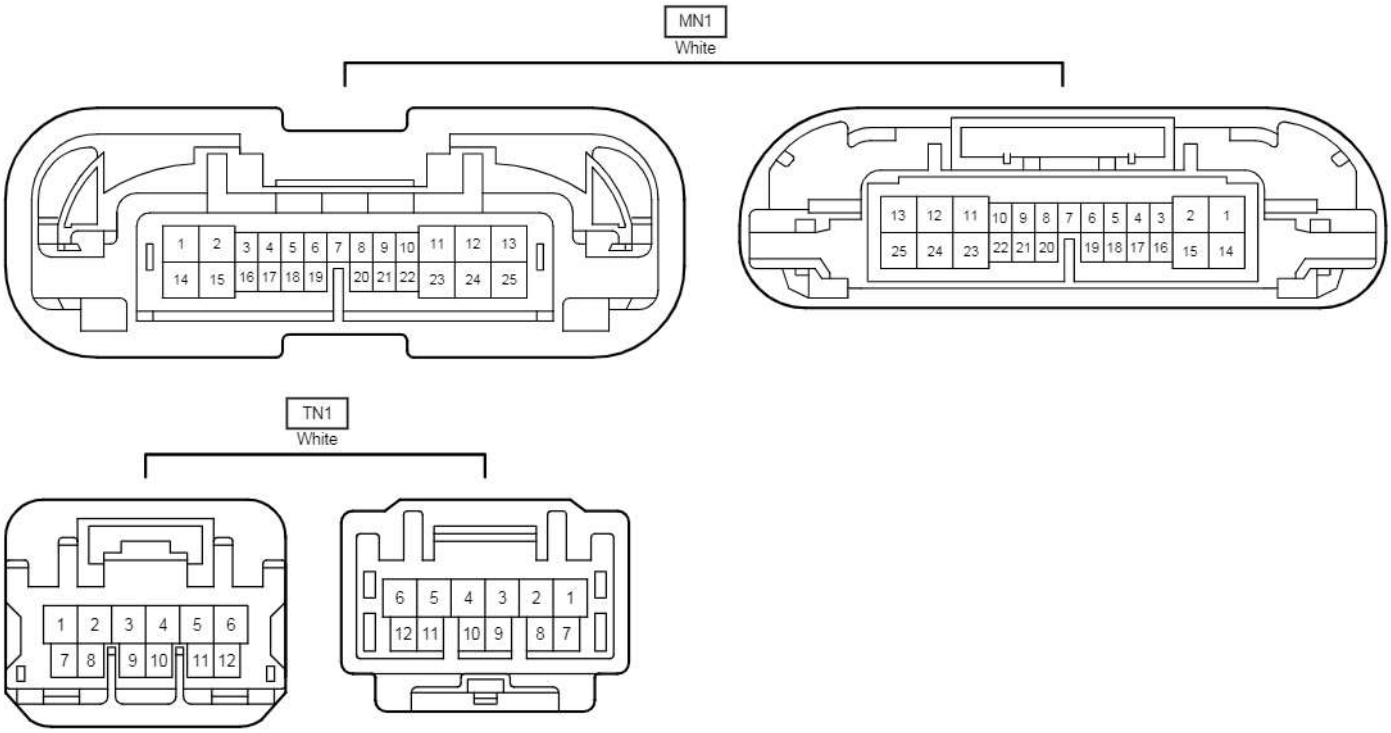


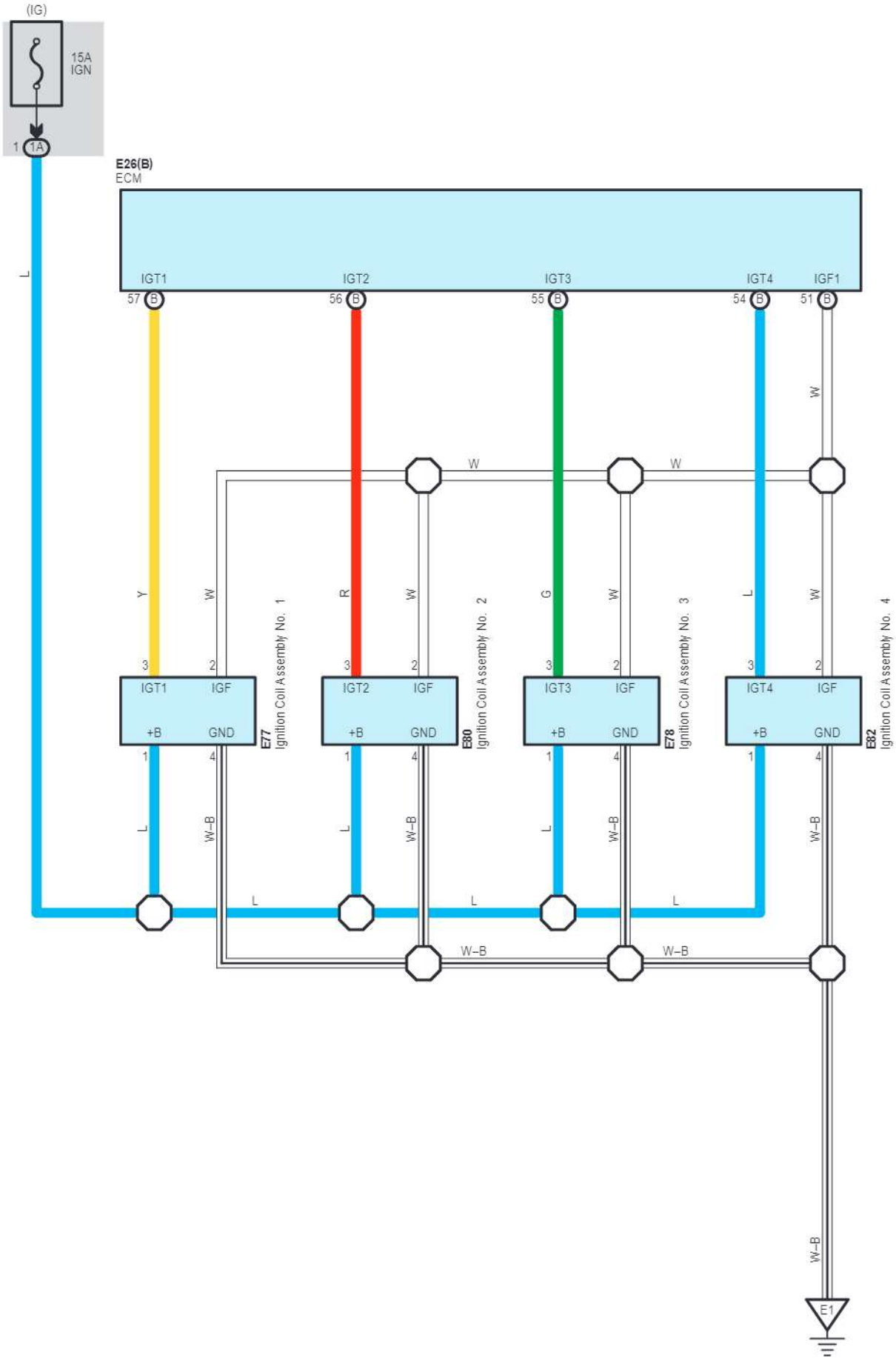
KI1
White



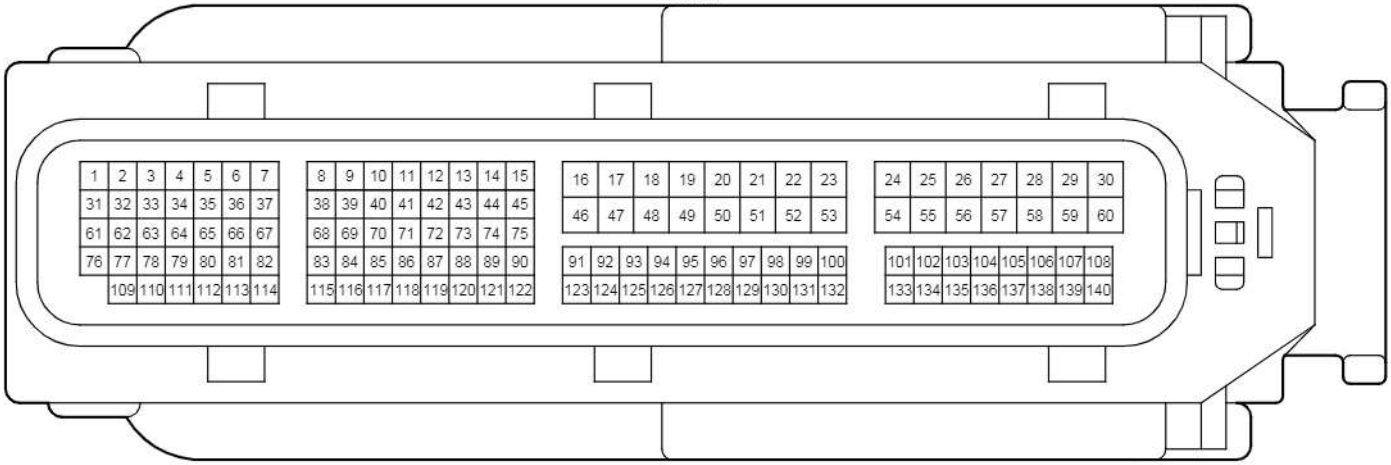
LO1
White



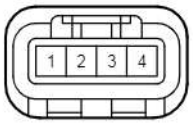

MN1
White
1 2 3 4 5 6 7 8 9 10 11 12 13
14 15 16 17 18 19 20 21 22 23 24 25
13 12 11 10 9 8 7 6 5 4 3 2 1
25 24 23 22 21 20 19 18 17 16 15 14
TN1
White
1 2 3 4 5 6
7 8 9 10 11 12
6 5 4 3 2 1
12 11 10 9 8 7


(IG)
15A
IGN
1
1A
L
E26(B)
ECM
IGT1
IGT2
IGT3
IGT4
IGF1
57
56
55
54
51
B
W
Y
R
G
L
3
2
IGT1
IGF
+B
GND
1
4
E77
Ignition Coil Assembly No. 1
E80
Ignition Coil Assembly No. 2
E78
Ignition Coil Assembly No. 3
E82
Ignition Coil Assembly No. 4
W–B
E1

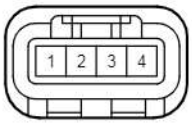
E 26
Black



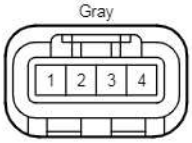
E 77
Black



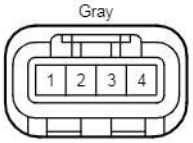
E 78
Black



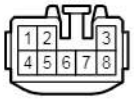
E 80
Gray

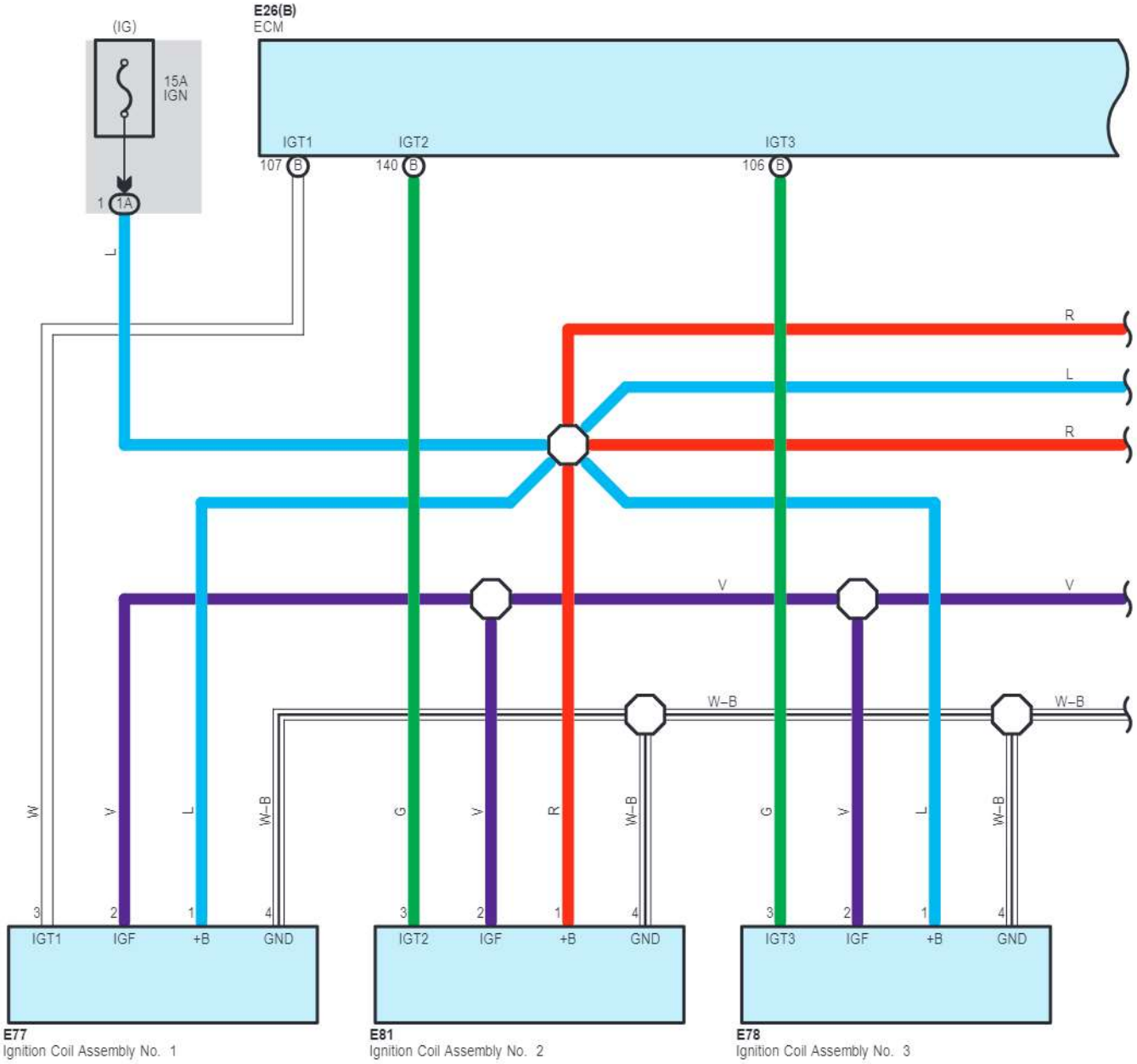


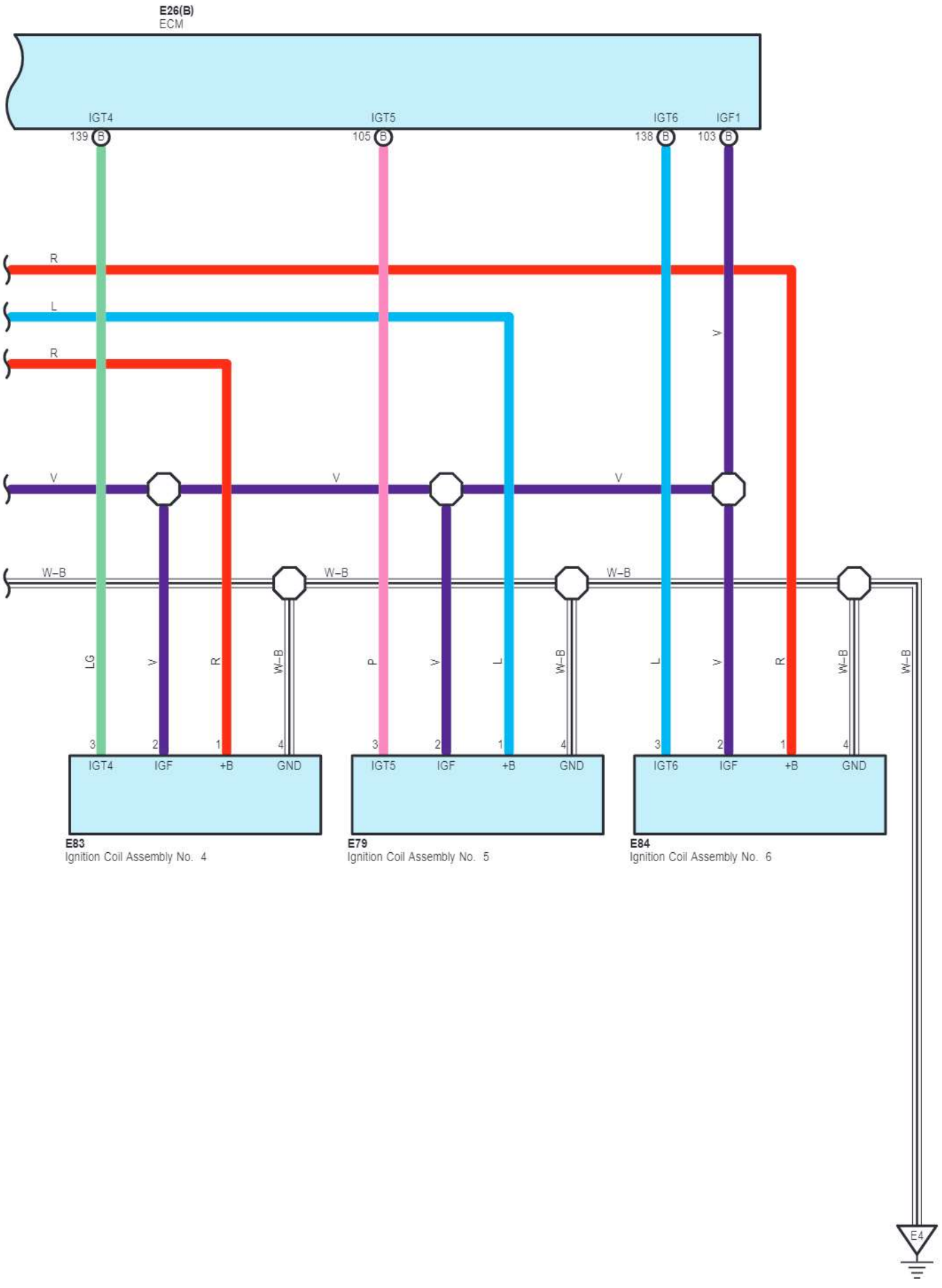
E 82
Gray



1A
White




E26(B)
ECM
(IG)
15A
IGN
1
1A
IGT1
107
B
IGT2
140
B
IGT3
106
B
L
R
L
R
V
V
W–B
W–B
W
V
L
W–B
G
V
R
W–B
G
V
L
W–B
3
2
1
4
IGT1
IGF
+B
GND
IGT2
IGF
+B
GND
IGT3
IGF
+B
GND
E77
Ignition Coil Assembly No. 1
E81
Ignition Coil Assembly No. 2
E78
Ignition Coil Assembly No. 3

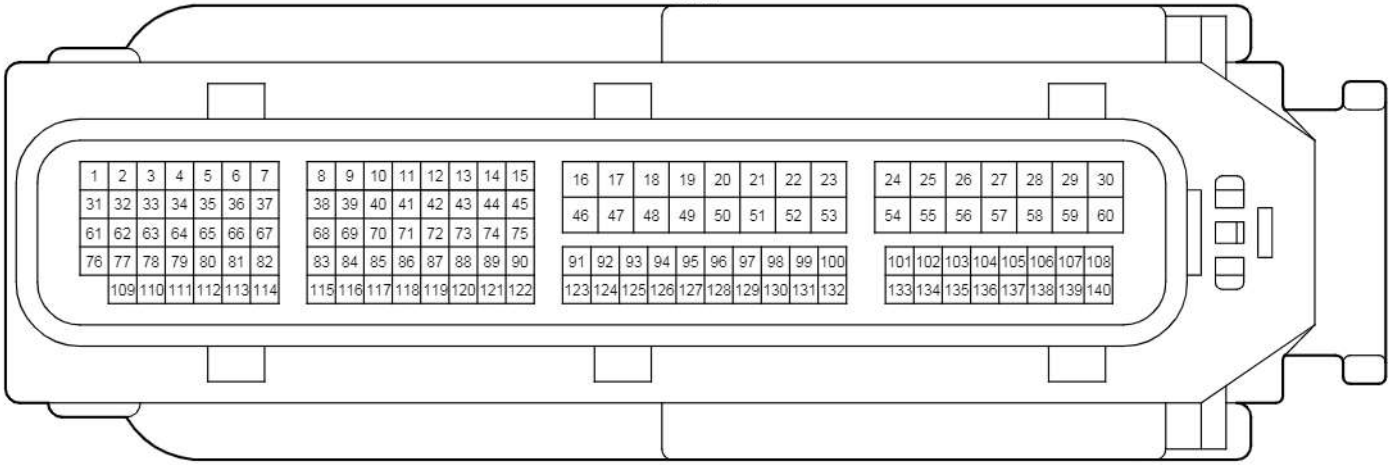


E83
Ignition Coil Assembly No. 4

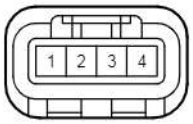
E79
Ignition Coil Assembly No. 5

E84
Ignition Coil Assembly No. 6

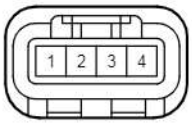
E 26
Black



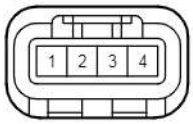
E 77
Black



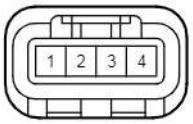
E 78
Black



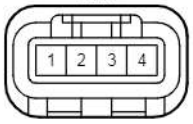
E 79
Black



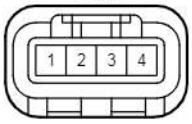
E 81
Black



E 83
Black

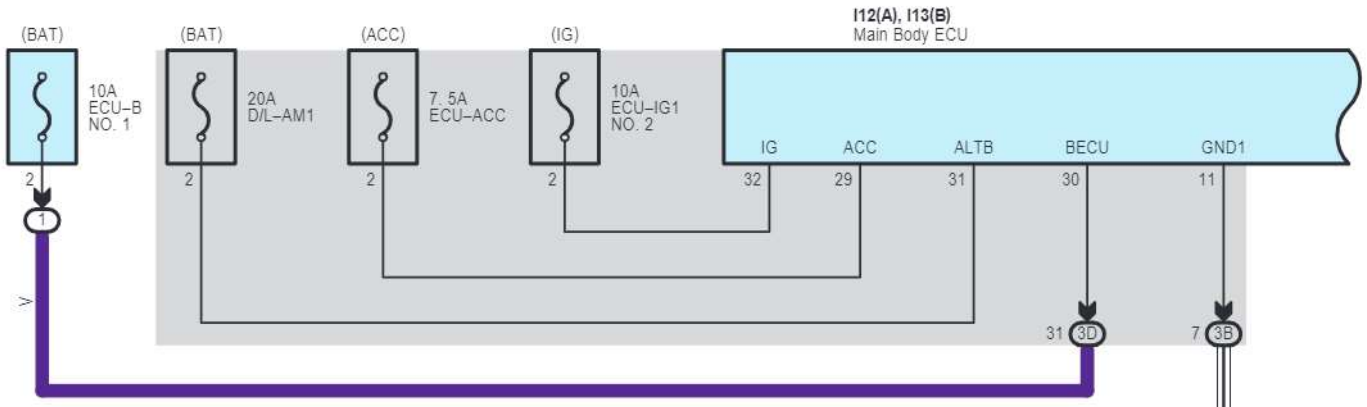


E 84
Black



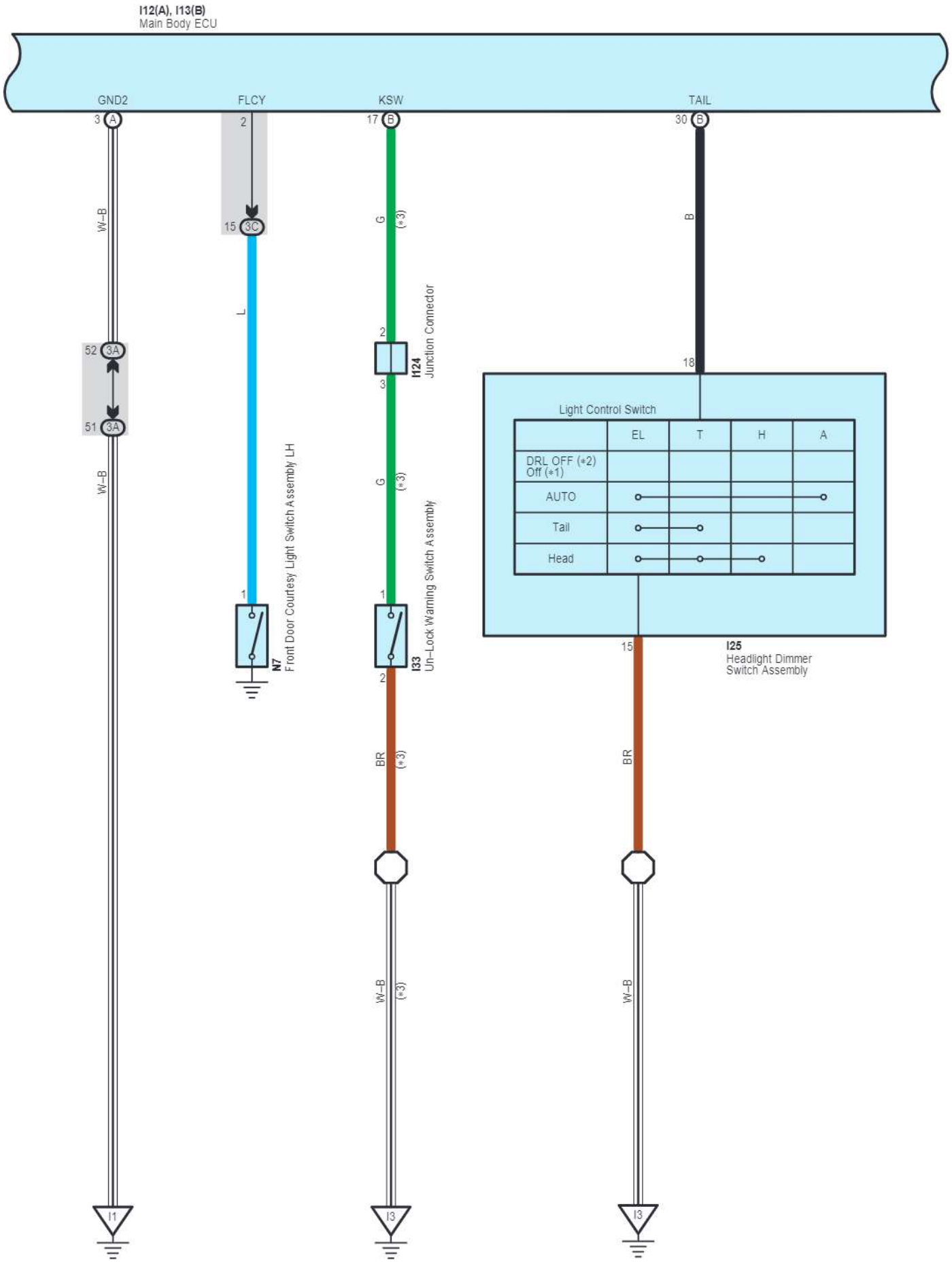
1A
White

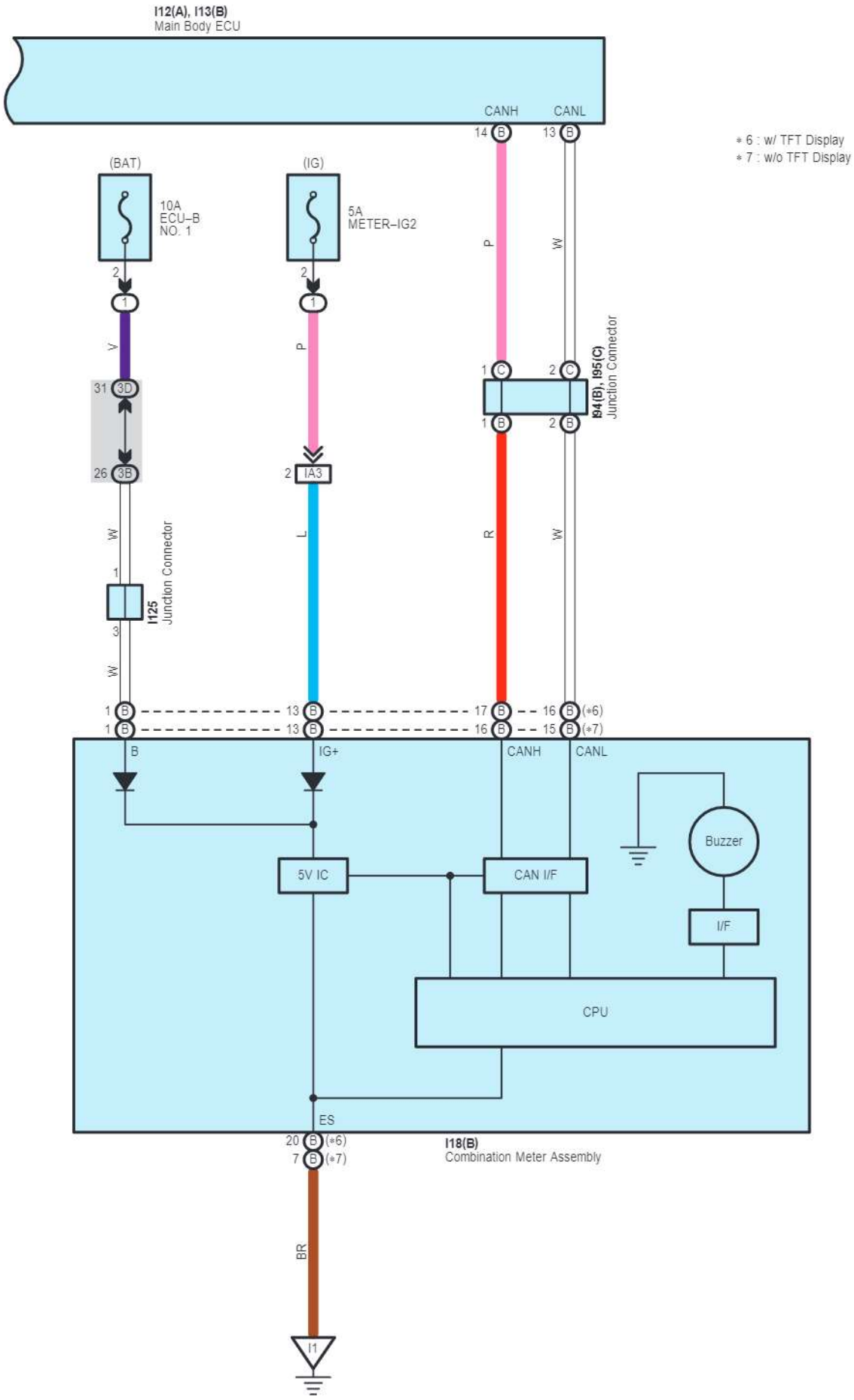




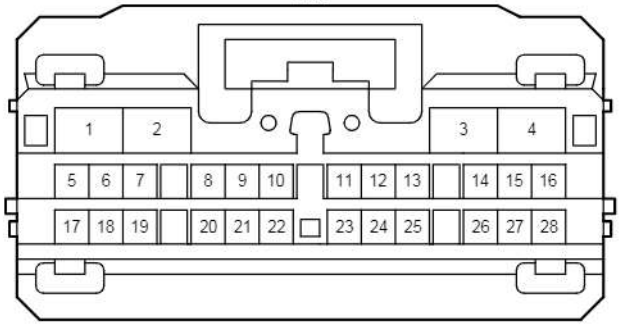
* 1 : Canada
* 2 : Except Canada
* 3 : w/o Smart Key System



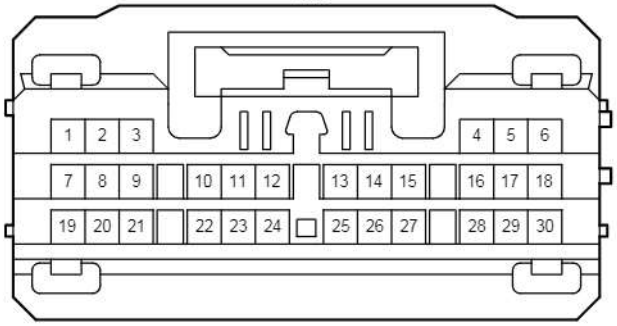

I12(A), I13(B)
Main Body ECU
GND2
FLCY
KSW
TAIL
3 A
2
17 B
30 B
W-B
L
G
(*3)
B
15 3C
52 3A
51 3A
2
3
I124
Junction Connector
18
Light Control Switch
EL
T
H
A
DRL OFF (*2)
Off (*1)
AUTO
Tail
Head
1
N7
Front Door Courtesy Light Switch Assembly LH
I33
Un-Lock Warning Switch Assembly
15
I25
Headlight Dimmer
Switch Assembly
BR
I1
I3
I3


I12(A), I13(B)
Main Body ECU
CANH
CANL
14 B
13 B
* 6 : w/ TFT Display
* 7 : w/o TFT Display
(BAT)
(IG)
10A
ECU–B
NO. 1
5A
METER–IG2
2
1
P
W
V
P
1 C
2 C
I94(B), I95(C)
Junction Connector
1 B
2 B
31 3D
26 3B
2 IA3
R
W
W
L
1
I125
Junction Connector
3
W
1 B
13 B
17 B
16 B (*6)
1 B
13 B
16 B
15 B (*7)
B
IG+
CANH
CANL
Buzzer
5V IC
CAN I/F
I/F
CPU
ES
20 B (*6)
7 B (*7)
I18(B)
Combination Meter Assembly
BR
I1

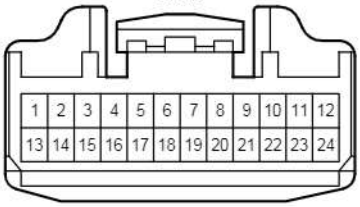
I 12
White



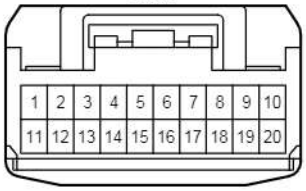
I 13
White



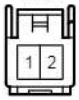
I 18
Black



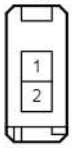
I 25
Black



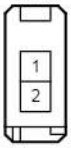
I 33
White



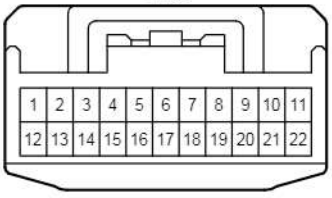
I 94
White



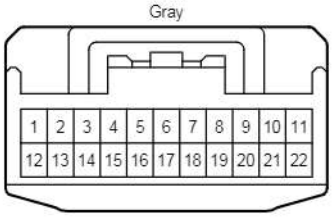
I 95
White



I124
White



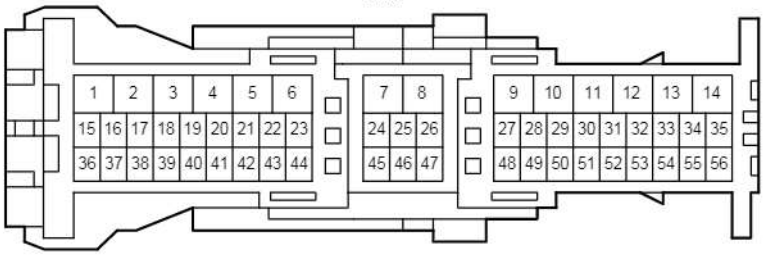
I125
Gray



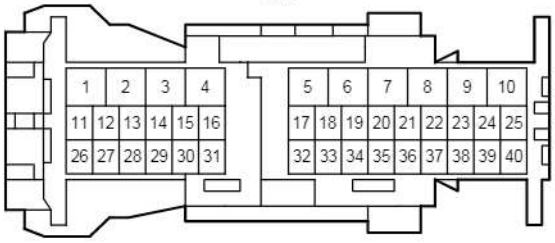
N 7
Black



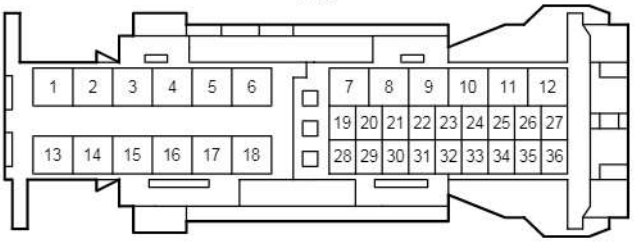
3A
White



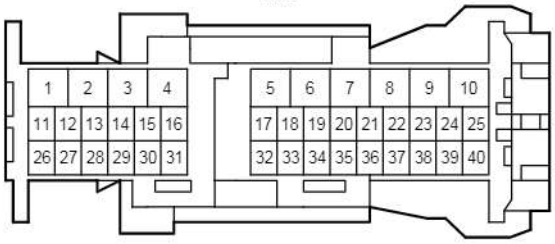
3B
White



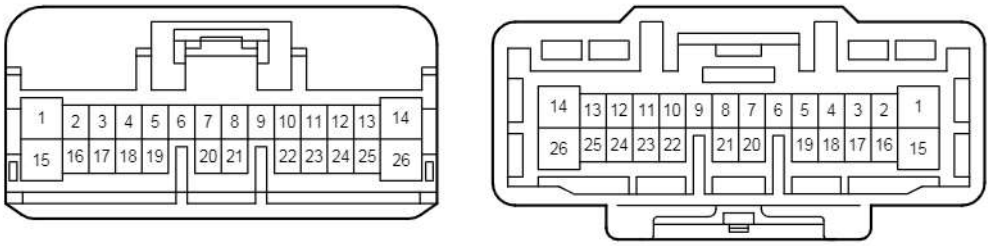
3C
White

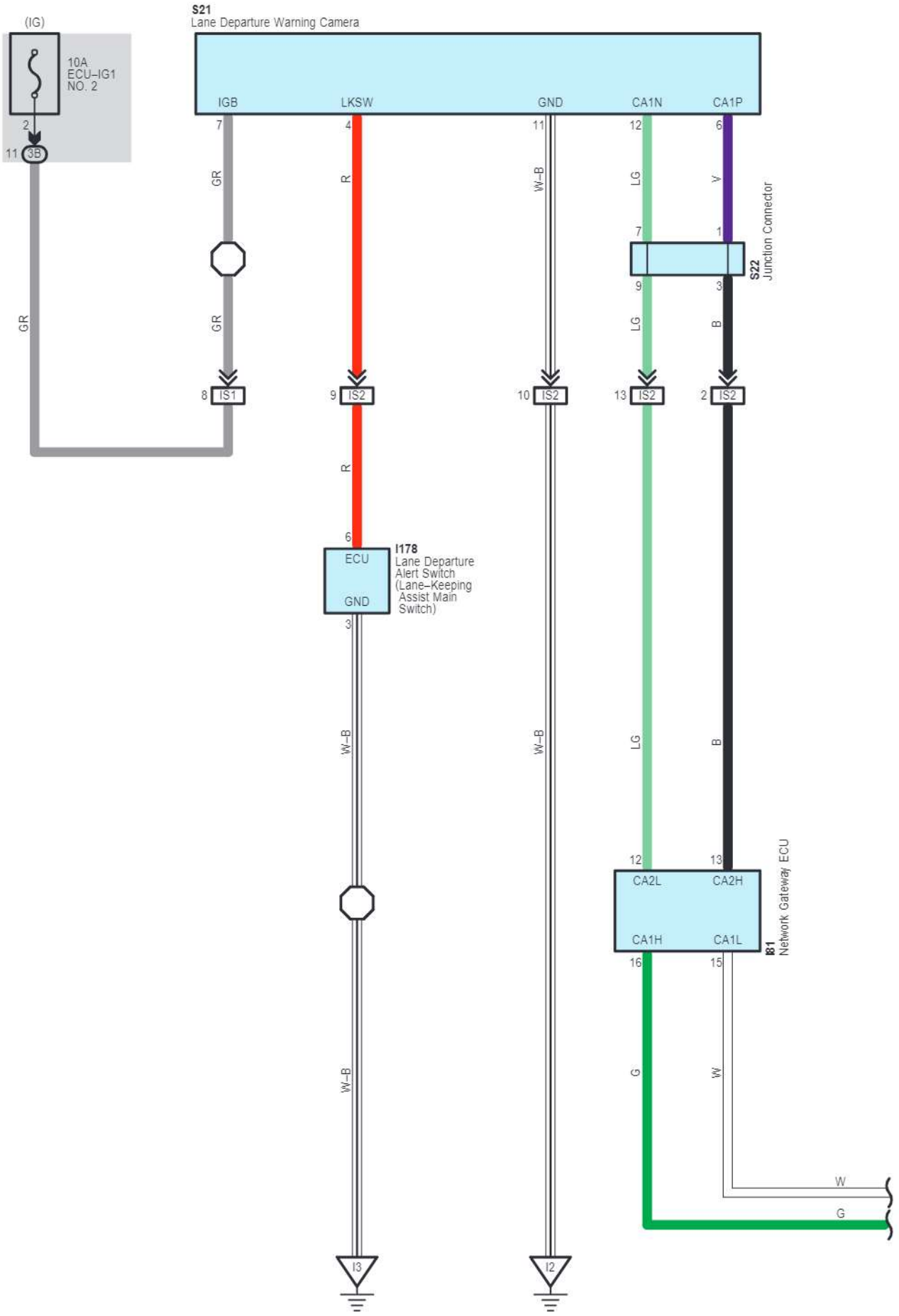


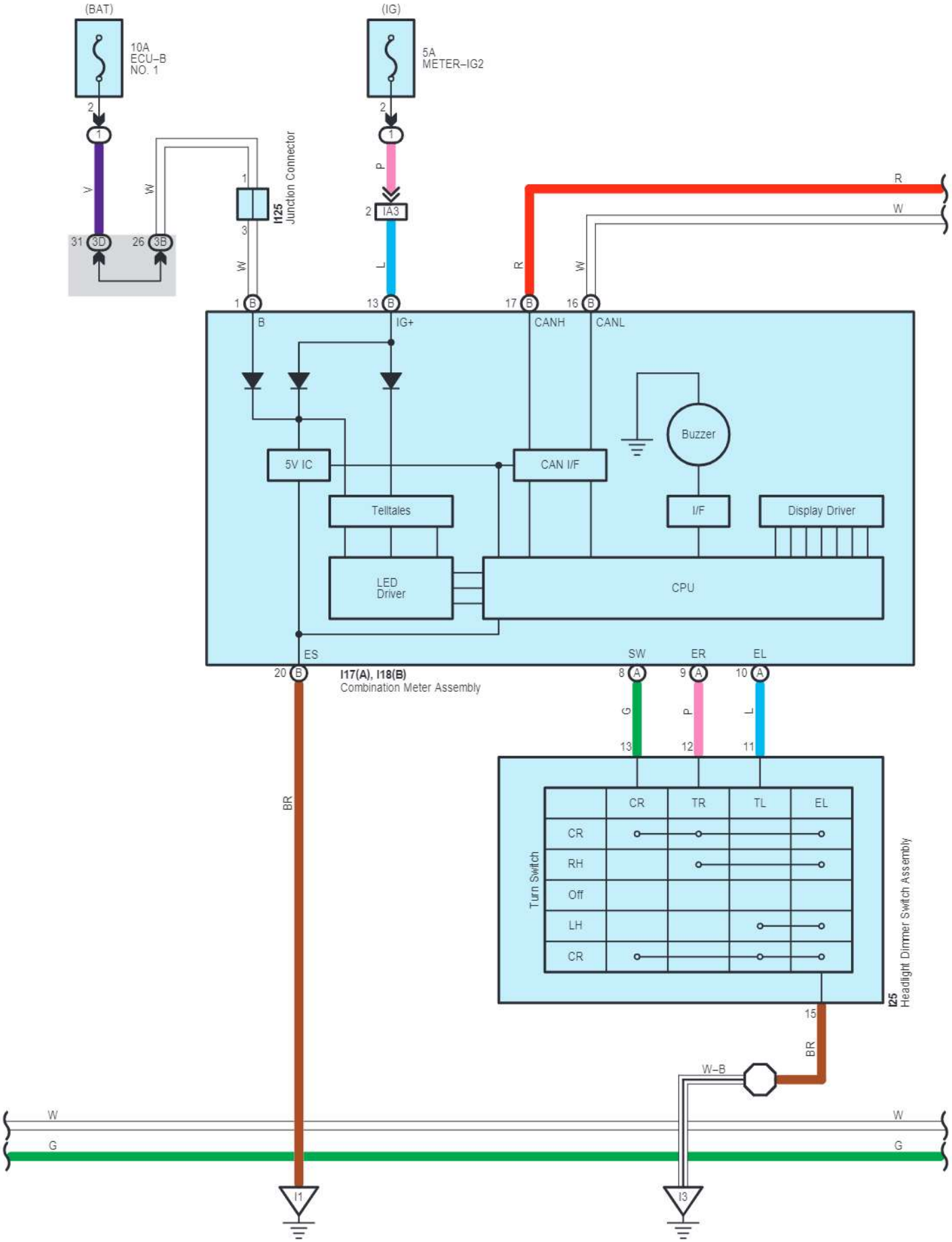
3D
White

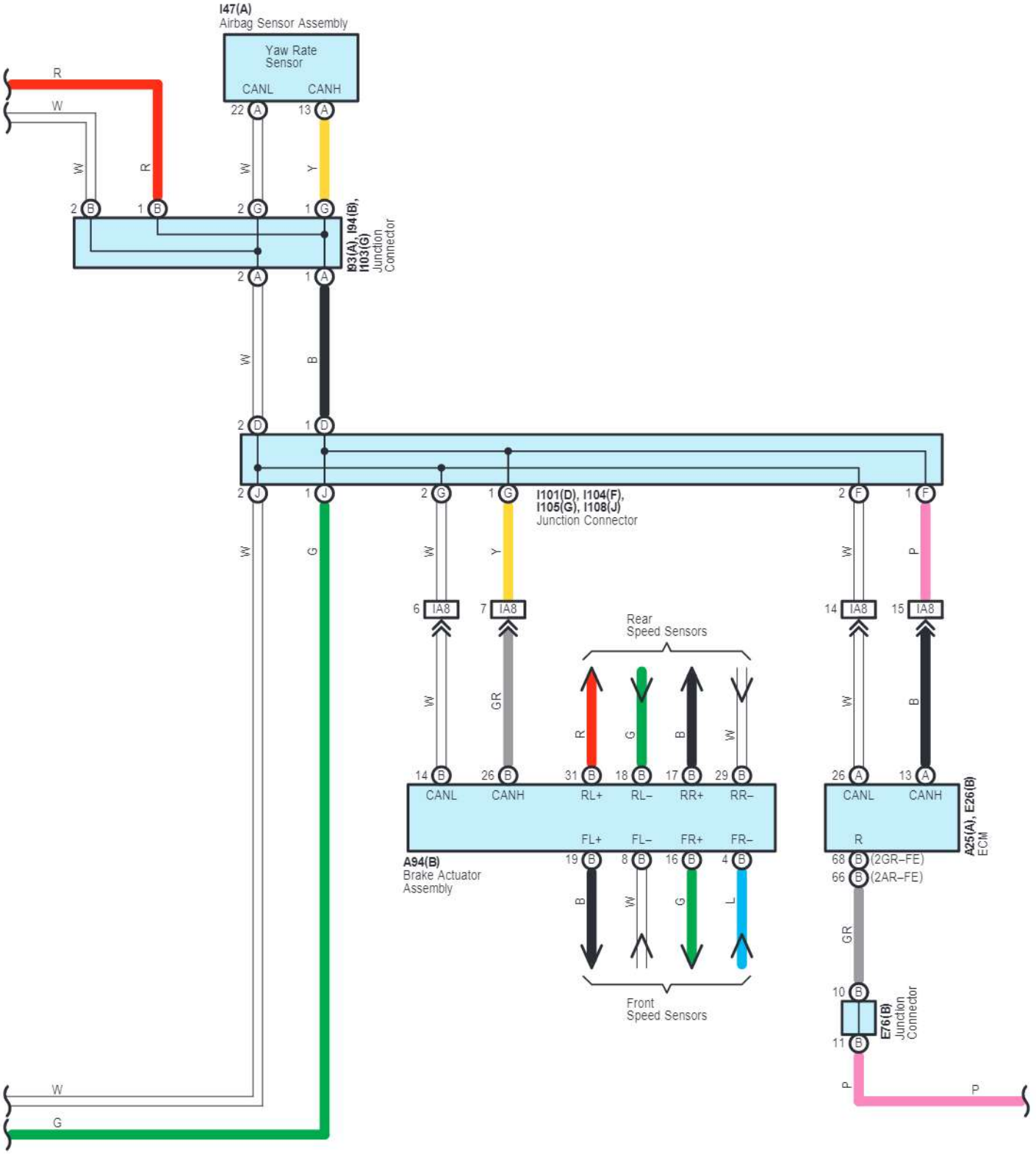


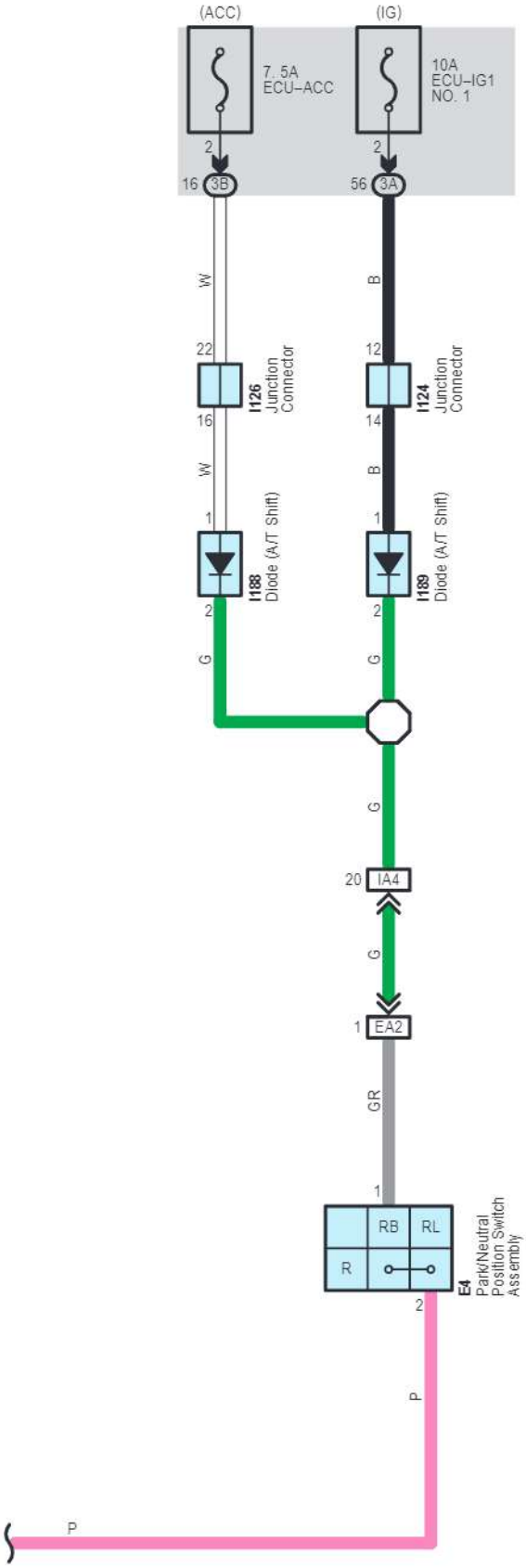
IA3
Blue



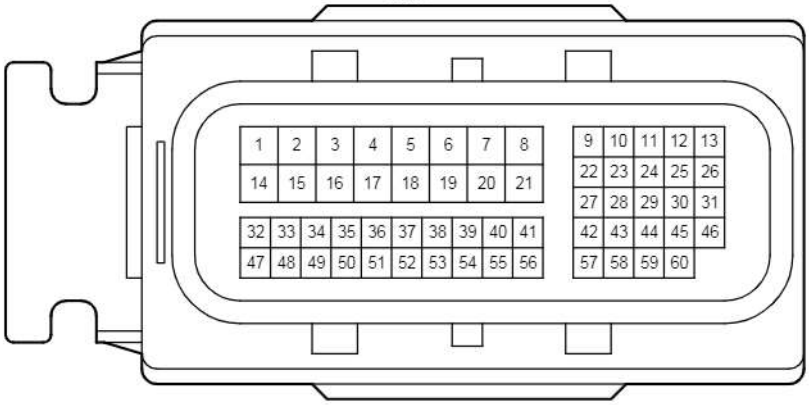

(IG)
10A
ECU-IG1
NO. 2
2
11
3B
GR
S21
Lane Departure Warning Camera
IGB
LKSW
GND
CA1N
CA1P
7
4
11
12
6
GR
R
W-B
LG
V
7
1
S22
Junction Connector
9
3
GR
LG
B
8
IS1
9
IS2
10
IS2
13
IS2
2
IS2
R
6
ECU
GND
I178
Lane Departure
Alert Switch
(Lane-Keeping
Assist Main
Switch)
3
W-B
W-B
LG
B
12
13
CA2L
CA2H
CA1H
CA1L
B1
Network Gateway ECU
16
15
G
W
W
G
W-B
I3
I2


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

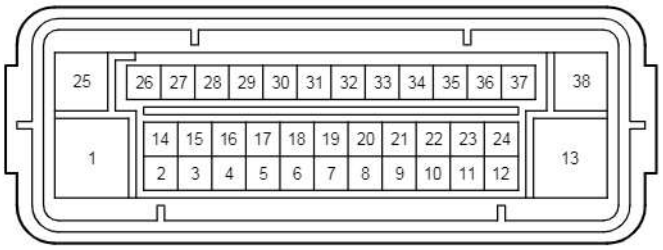

I47(A)
Airbag Sensor Assembly
Yaw Rate Sensor
CANL
CANH
22 A
13 A
R
W
W
R
W
Y
2 B
1 B
2 G
1 G
I93(A), I94(B), I103(G) Junction Connector
2 A
1 A
W
B
2 D
1 D
2 J
1 J
W
G
2 G
1 G
I101(D), I104(F), I105(G), I108(J) Junction Connector
W
Y
6 IA8
7 IA8
W
GR
14 B
26 B
CANL
CANH
A94(B) Brake Actuator Assembly
Rear Speed Sensors
R
G
B
W
31 B
18 B
17 B
29 B
RL+
RL−
RR+
RR−
FL+
FL−
FR+
FR−
19 B
8 B
16 B
4 B
B
W
G
L
Front Speed Sensors
2 F
1 F
W
P
14 IA8
15 IA8
W
B
26 A
13 A
CANL
CANH
R
A25(A), E26(B) ECM
68 B (2GR–FE)
66 B (2AR–FE)
GR
10 B
11 B
E76(B) Junction Connector
P
P
W
G


(ACC)
(IG)
7. 5A
ECU–ACC
10A
ECU–IG1
NO. 1
2
2
16
3B
56
3A
W
B
22
12
I126
Junction
Connector
I124
Junction
Connector
16
14
W
B
1
1
I188
Diode (A/T Shift)
I189
Diode (A/T Shift)
2
2
G
G
G
20
IA4
G
1
EA2
GR
1
RB
RL
R
E4
Park/Neutral
Position Switch
Assembly
2
P
P

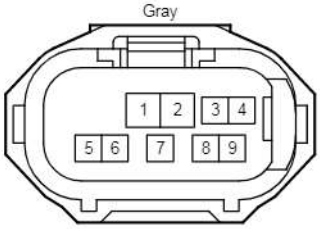
A 25
Black



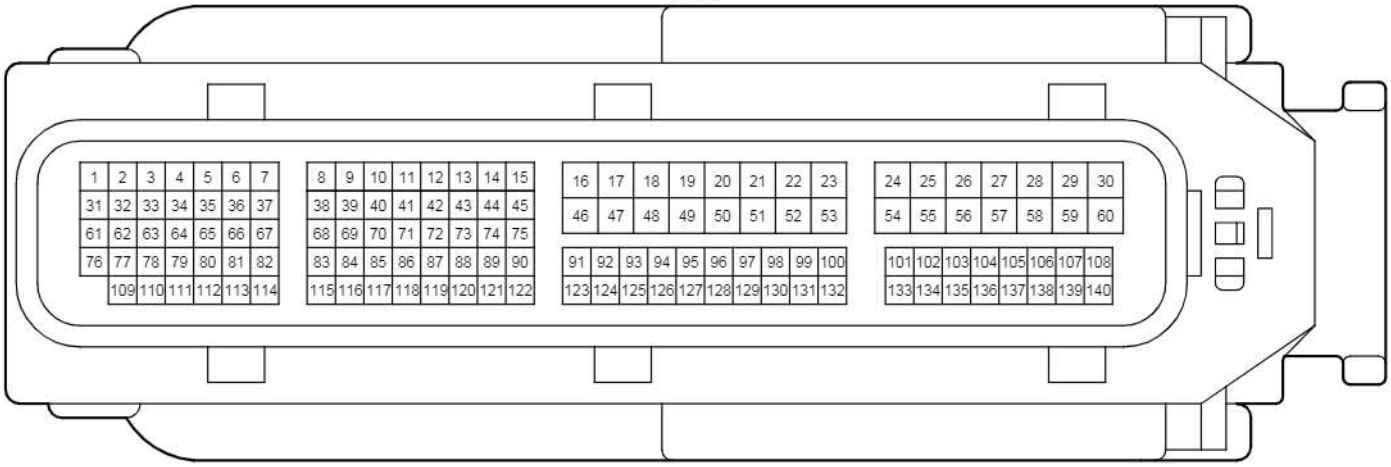
A 94
Black



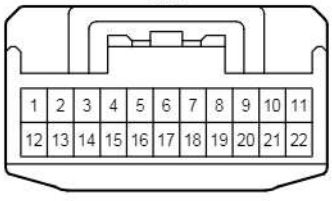
E 4
Gray



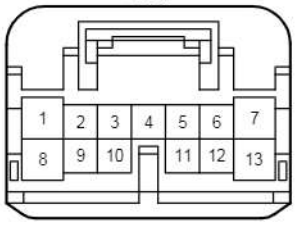
E 26
Black



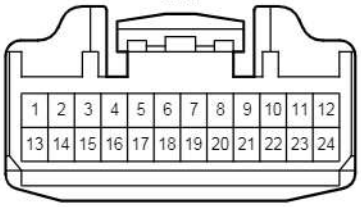
E 76
White



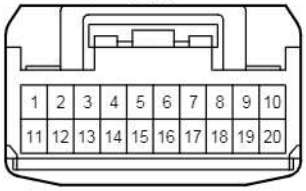
I 17
Black



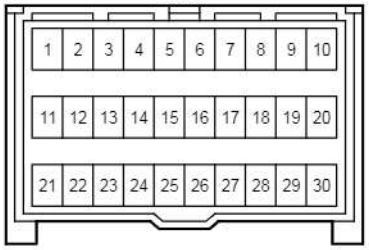
I 18
Black



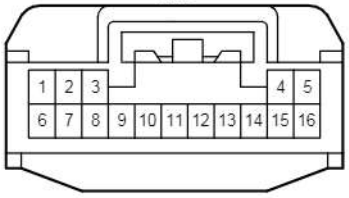
I 25
Black



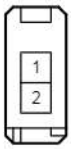
I 47
Yellow



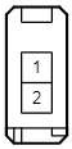
I 81
White



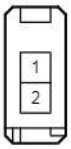
I 93
White



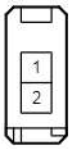
I 94
White



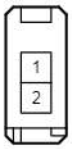
I101
White



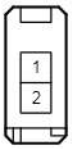
I103
White



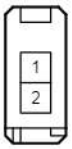
I104
White



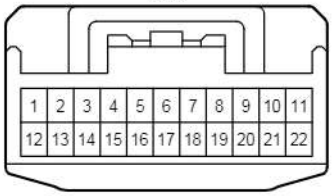
I105
White



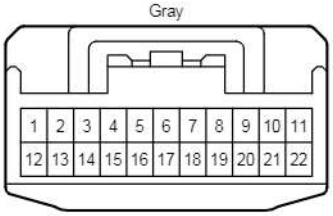
I108
White



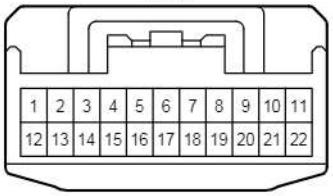
I124
White



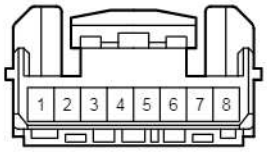
I125
Gray



I126
White



I178
Black



I188
Gray



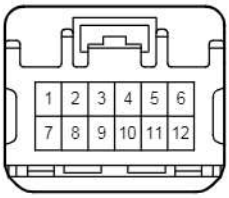
I189
Gray



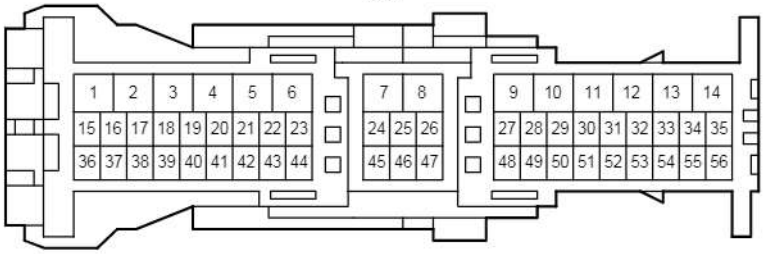
S 21
Gray



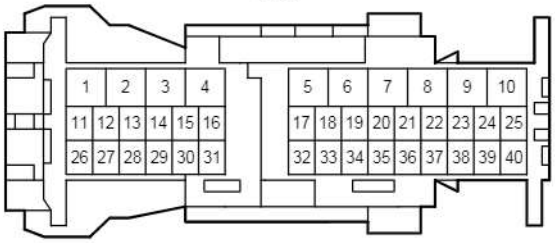
S 22
White



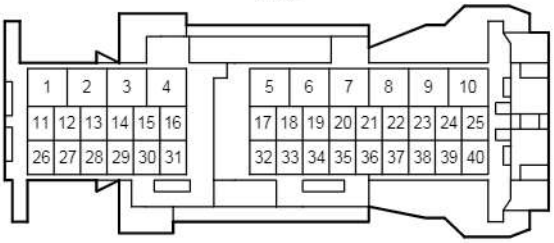
3A
White



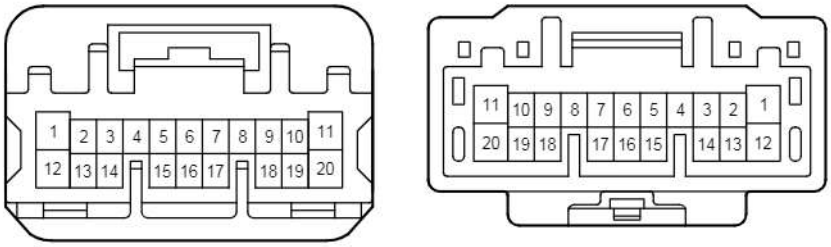
3B
White



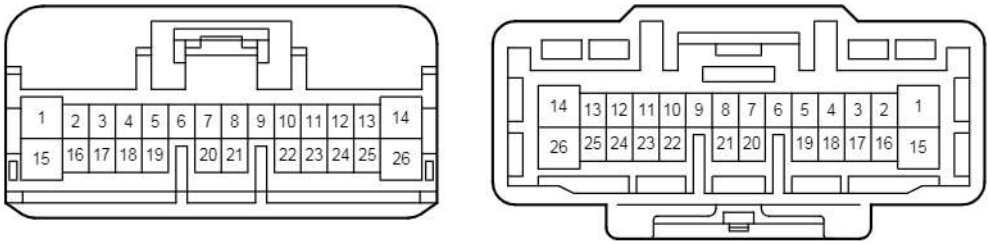
3D
White



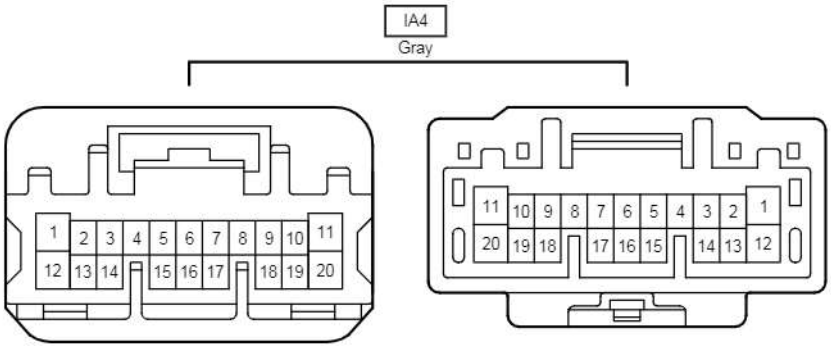
EA2
White



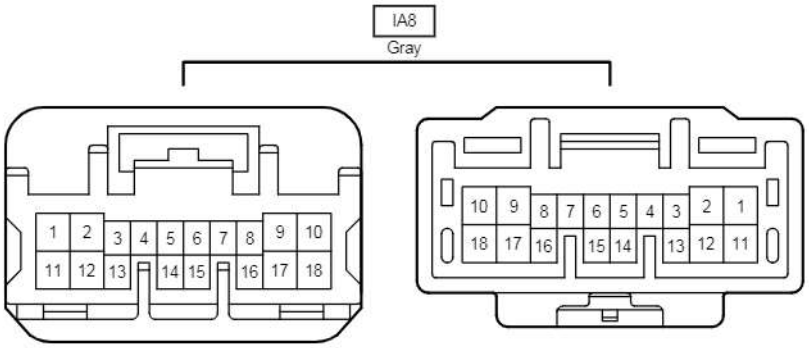
IA3
Blue



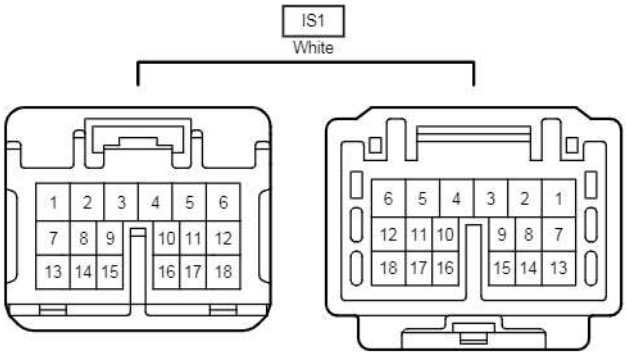
IA4
Gray

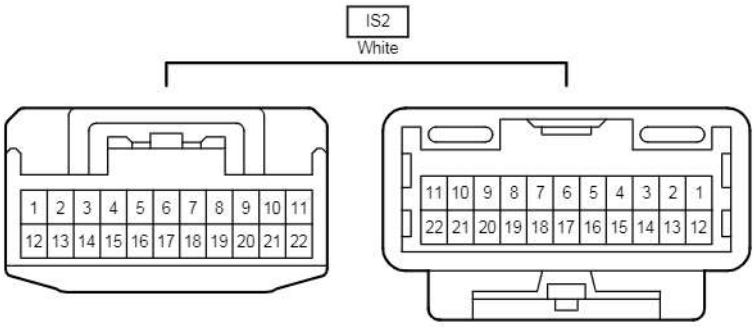


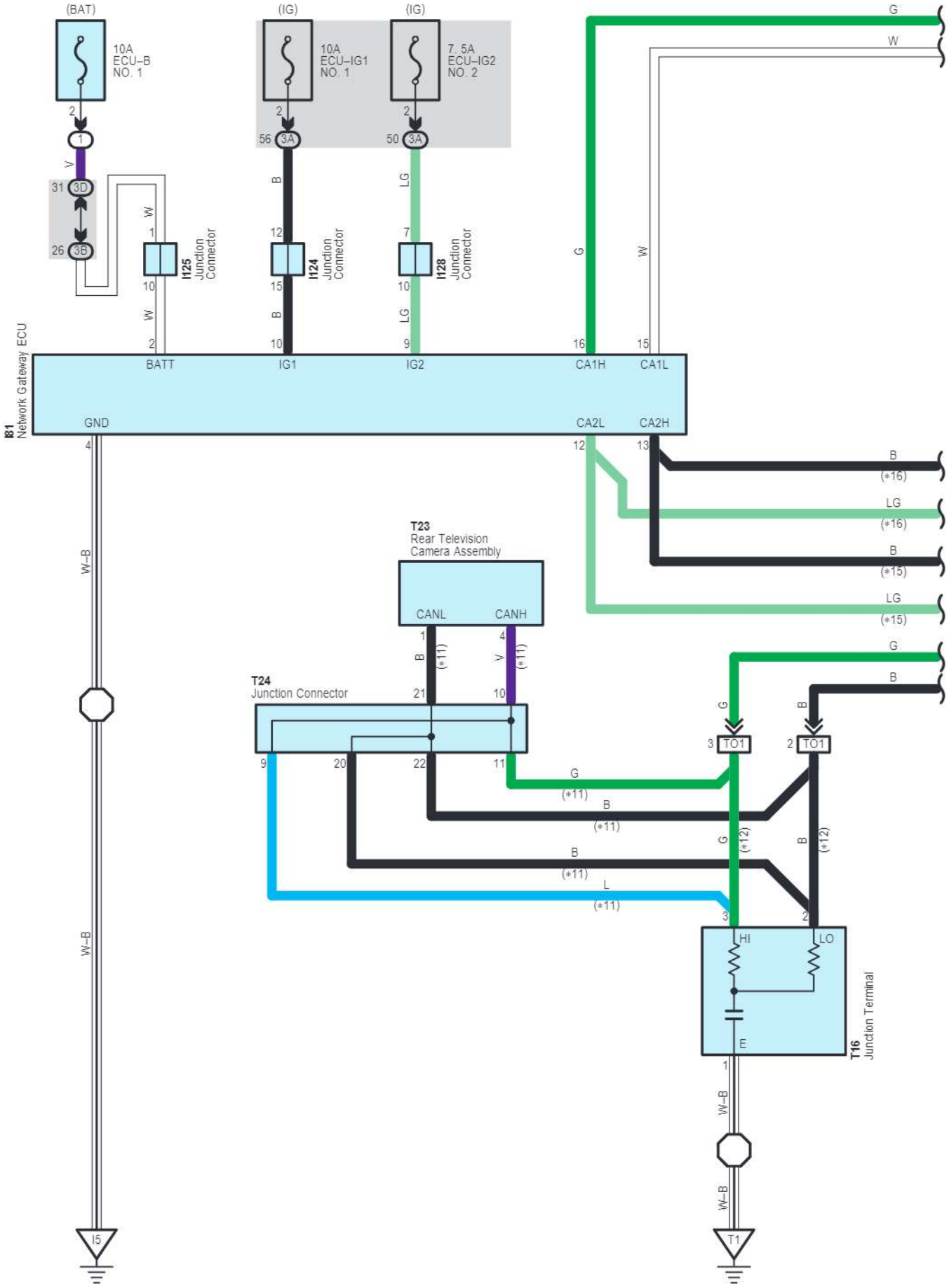
IA8
Gray

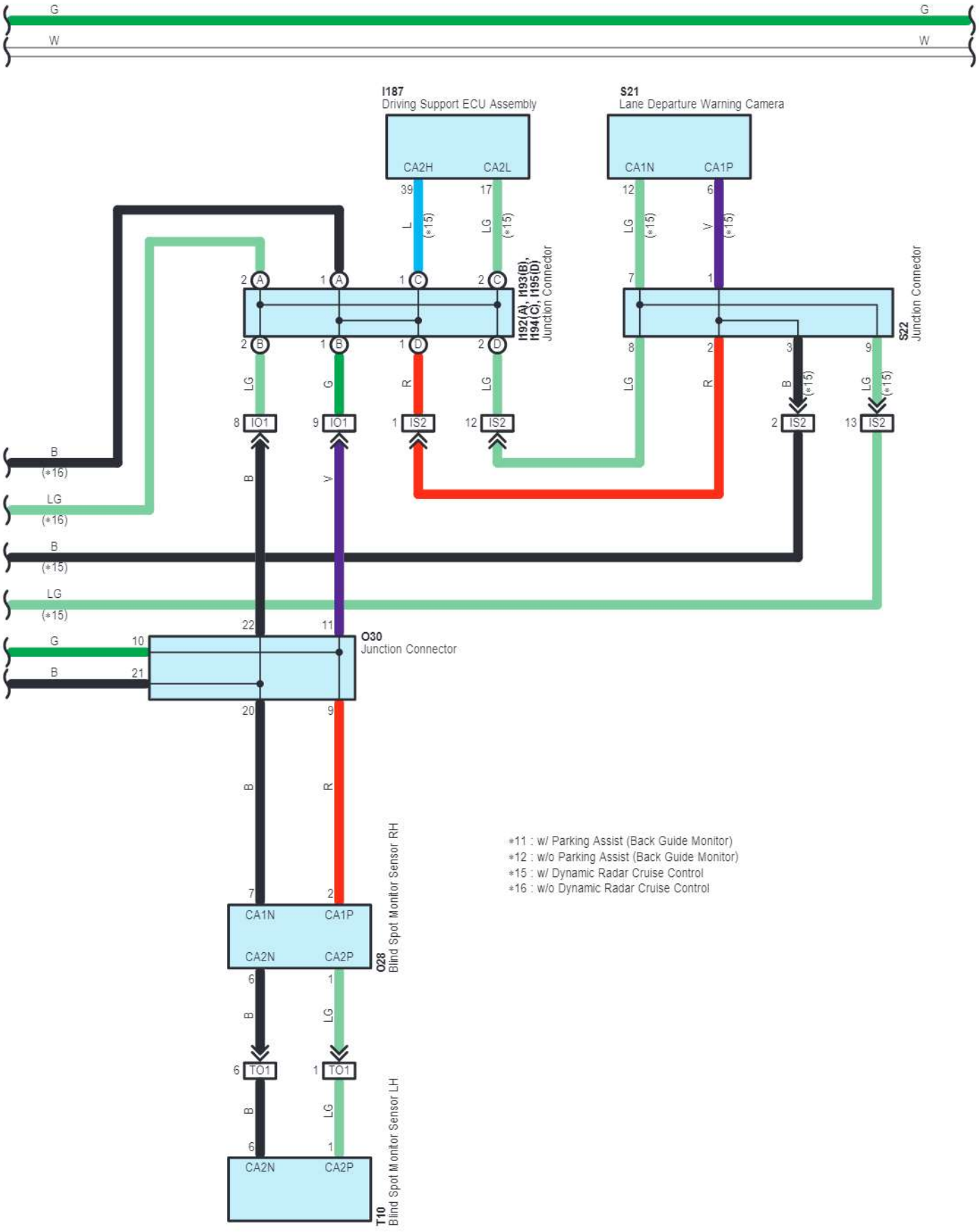


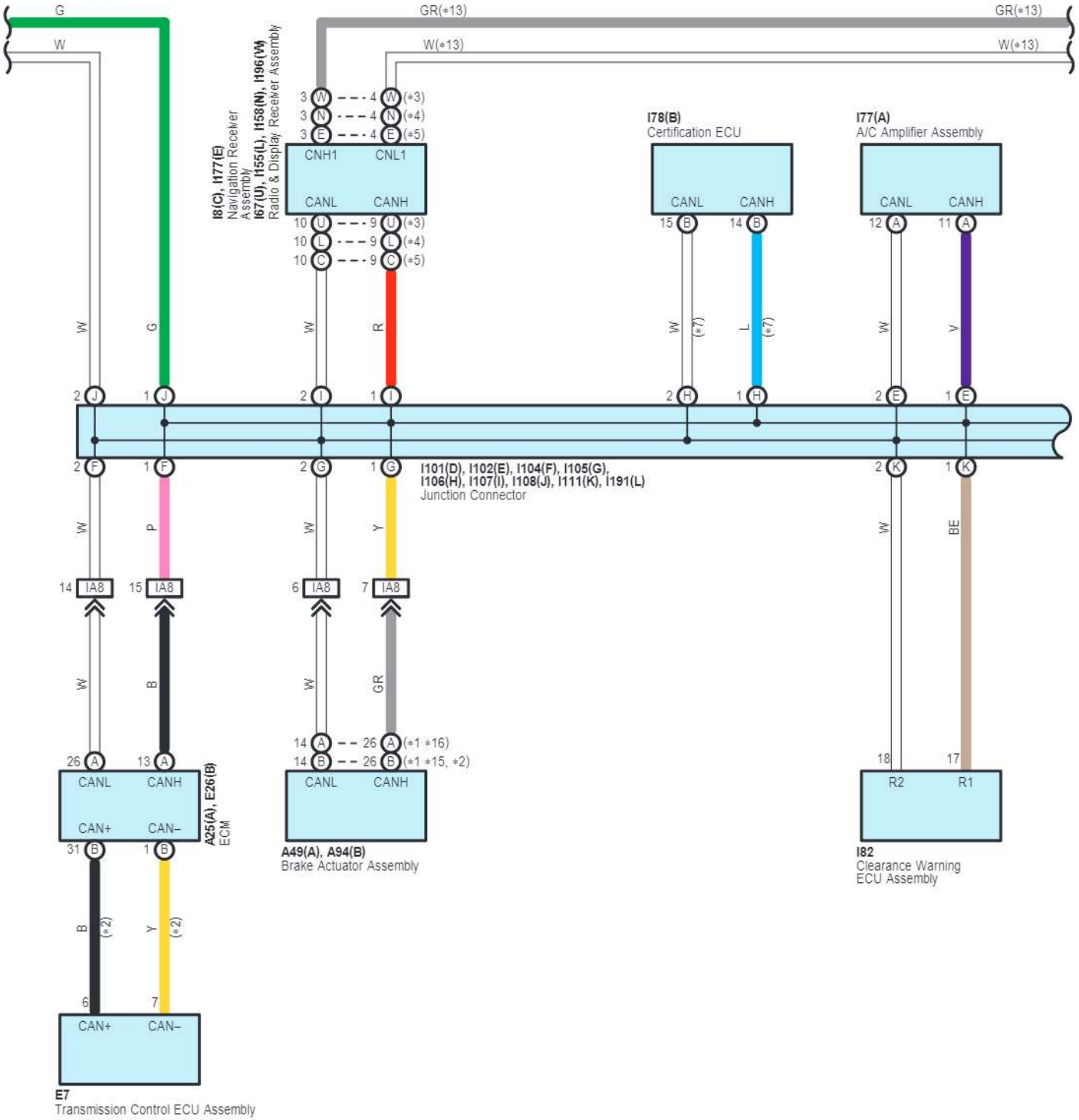
IS1
White

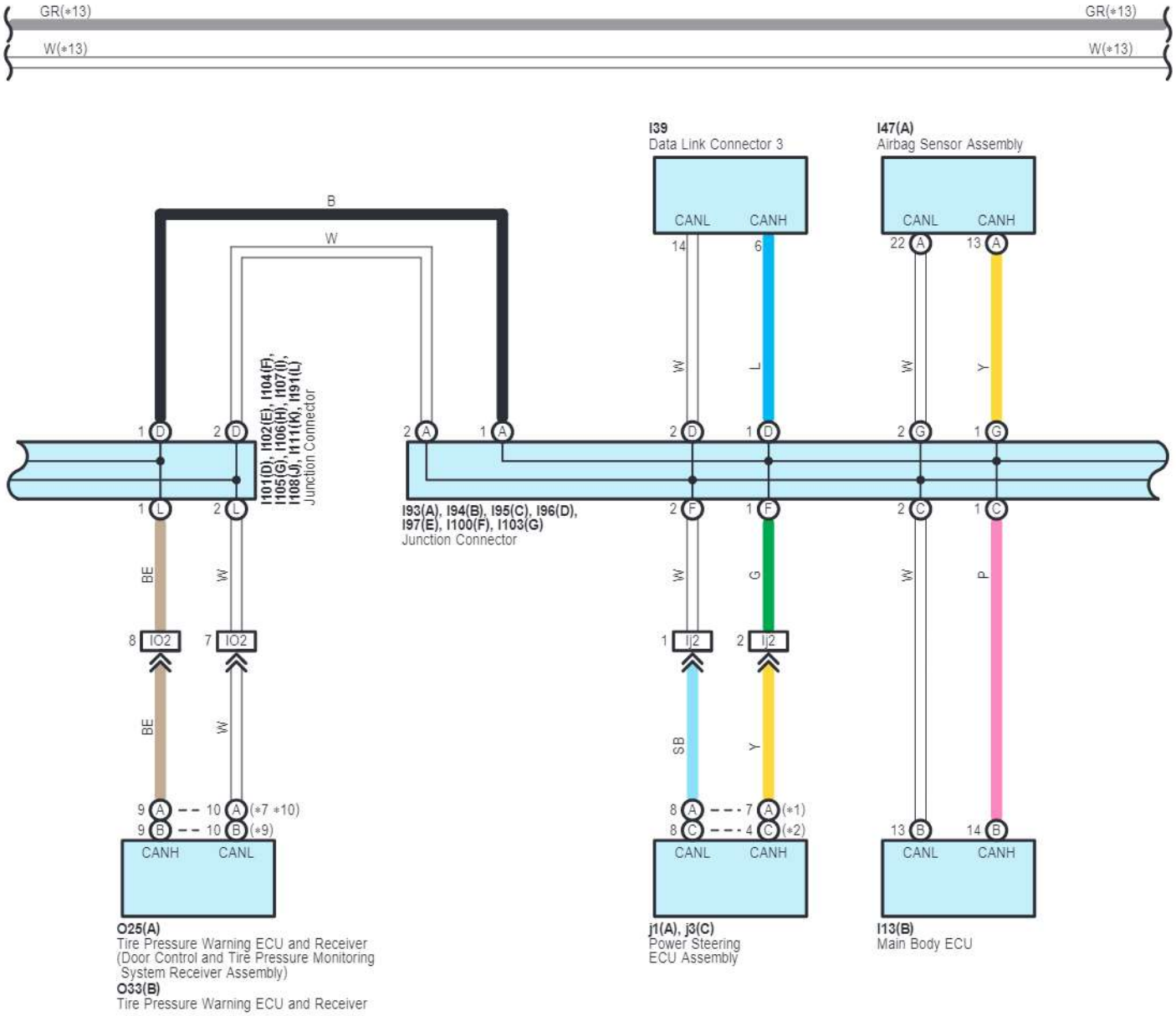



IS2
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12

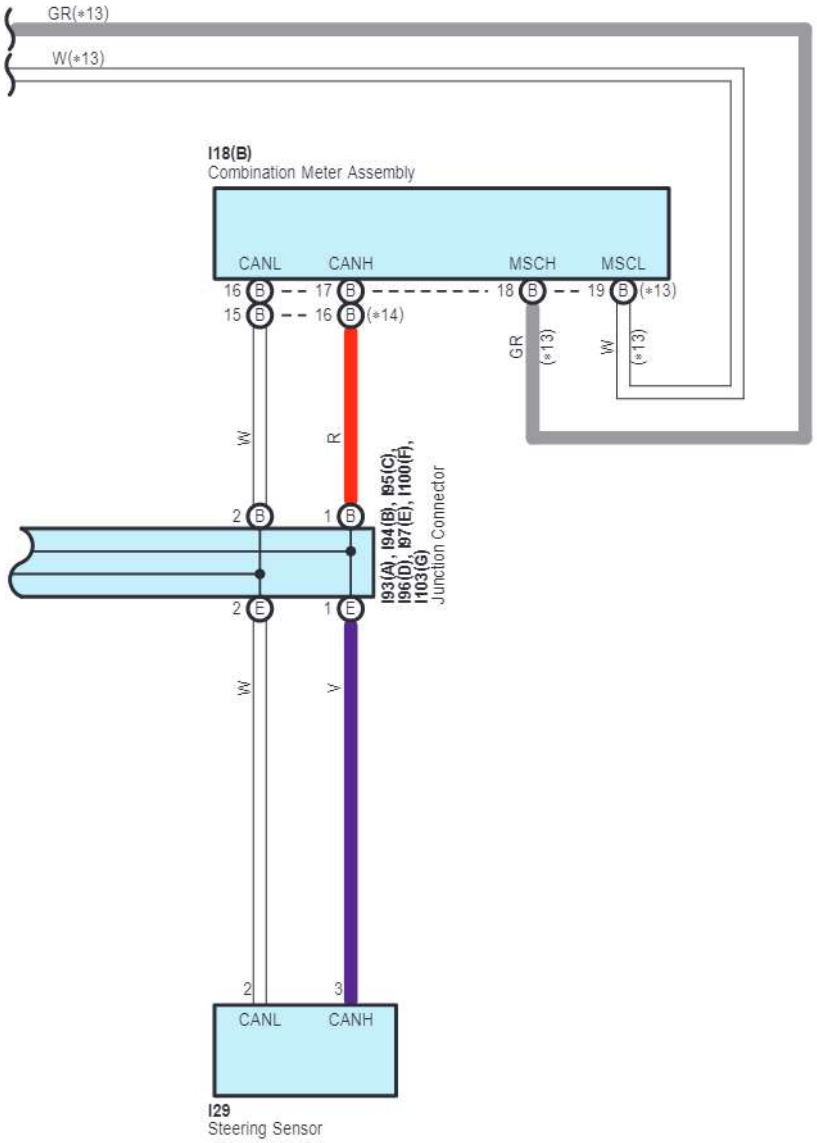

(BAT)
10A
ECU-B
NO. 1
(IG)
10A
ECU-IG1
NO. 1
(IG)
7. 5A
ECU-IG2
NO. 2
I125 Junction Connector
I124 Junction Connector
I128 Junction Connector
I61 Network Gateway ECU
BATT
IG1
IG2
CA1H
CA1L
GND
CA2L
CA2H
T23 Rear Television Camera Assembly
CANL
CANH
T24 Junction Connector
TO1
TO1
HI
LO
E
T16 Junction Terminal
I5
T1
W-B
W-B
W-B
(*11)
(*12)
(*15)
(*16)


G
W
I187
Driving Support ECU Assembly
CA2H
CA2L
S21
Lane Departure Warning Camera
CA1N
CA1P
I192(A), I193(B), I194(C), I195(D) Junction Connector
S22 Junction Connector
IO1
IS2
B (*16)
LG (*16)
B (*15)
LG (*15)
O30 Junction Connector
O28 Blind Spot Monitor Sensor RH
T10 Blind Spot Monitor Sensor LH
TO1
CA2N
CA2P
*11 : w/ Parking Assist (Back Guide Monitor)
*12 : w/o Parking Assist (Back Guide Monitor)
*15 : w/ Dynamic Radar Cruise Control
*16 : w/o Dynamic Radar Cruise Control


G
W
GR(*13)
W(*13)
GR(*13)
W(*13)
I8(C), I177(E)
Navigation Receiver Assembly
I67(U), I155(L), I158(N), I196(W)
Radio & Display Receiver Assembly
CNH1
CNL1
CANL
CANH
I78(B)
Certification ECU
I77(A)
A/C Amplifier Assembly
I101(D), I102(E), I104(F), I105(G),
I106(H), I107(I), I108(J), I111(K), I191(L)
Junction Connector
IA8
A25(A), E26(B)
ECM
CAN+
CAN–
A49(A), A94(B)
Brake Actuator Assembly
I82
Clearance Warning ECU Assembly
R2
R1
E7
Transmission Control ECU Assembly

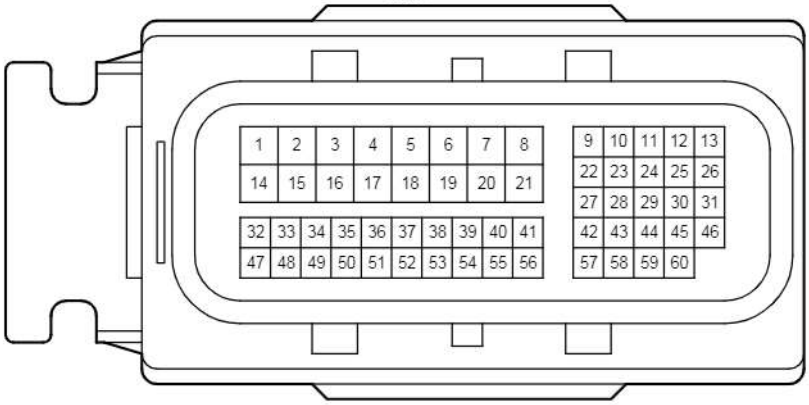


∗ 1 : 2AR–FE
∗ 2 : 2GR–FE
∗ 3 : Radio & Display Receiver Type Korea
∗ 4 : Radio & Display Receiver Type Except Korea
∗ 5 : Navigation Receiver Type
∗ 7 : w/ Smart Key System
∗ 9 : w/o Smart Key System w/ Tire Pressure Warning System
∗10 : Except Korea
∗13 : w/ TFT Display
∗15 : w/ Dynamic Radar Cruise Control
∗16 : w/o Dynamic Radar Cruise Control

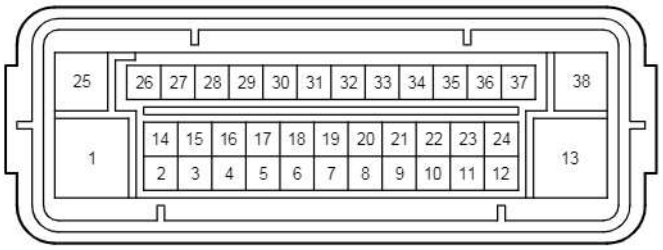


*13 : w/ TFT Display
*14 : w/o TFT Display

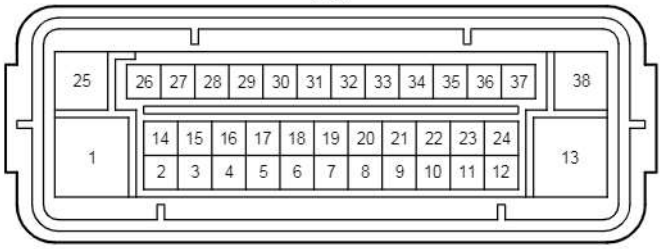
A 25
Black



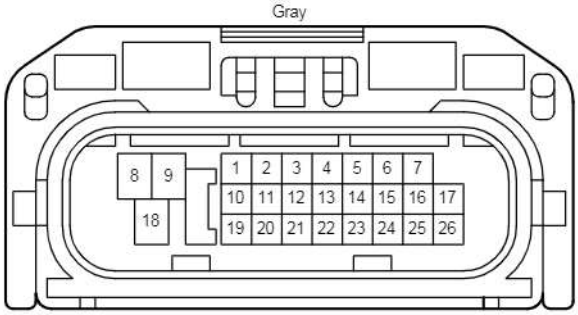
A 49
Black



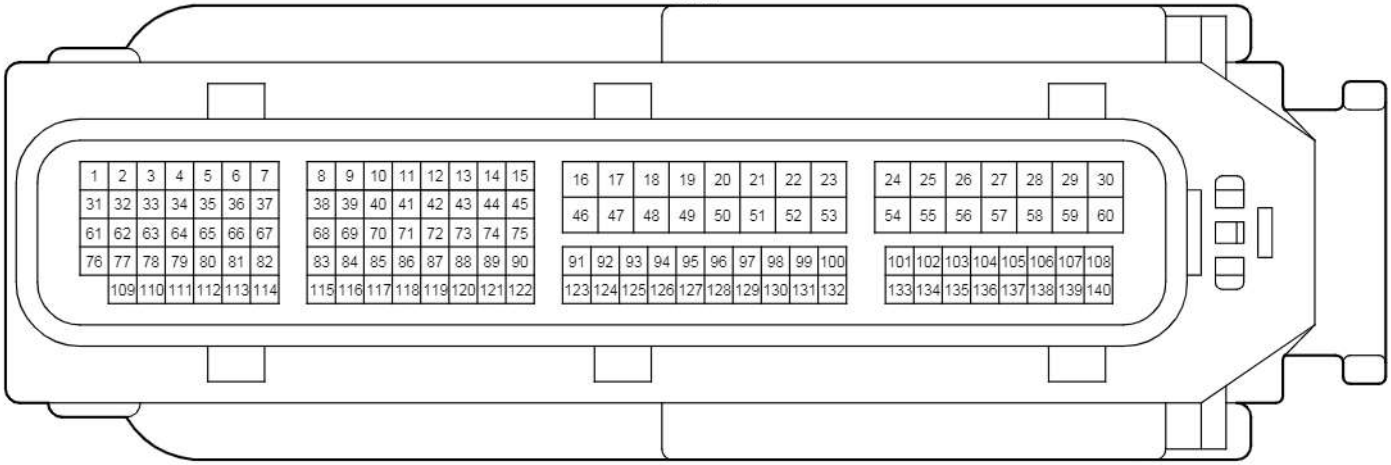
A 94
Black



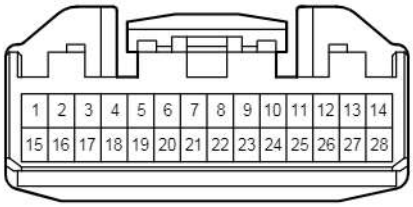
E 7
Gray



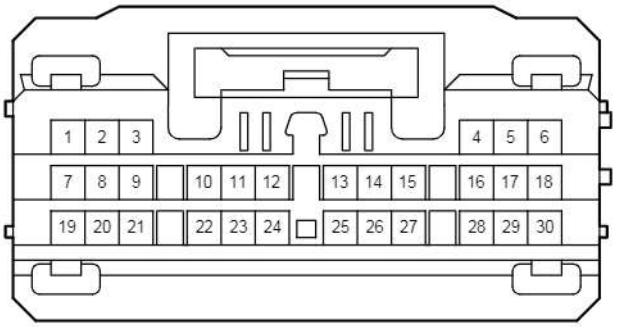
E 26
Black



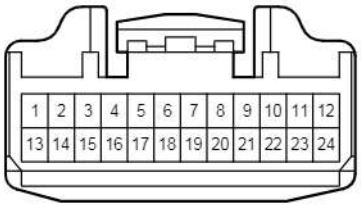
I 8
White



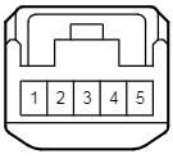
I 13
White



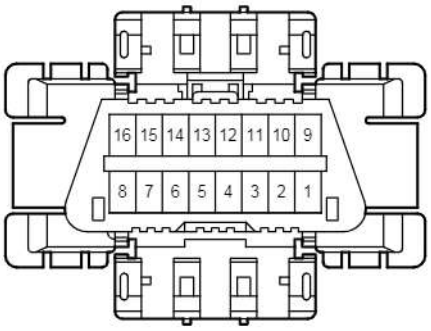
I 18
Black



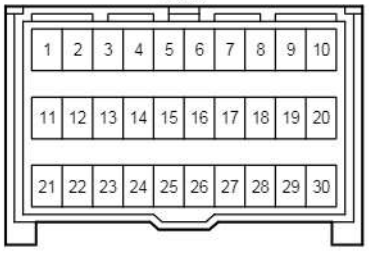
I 29
Blue



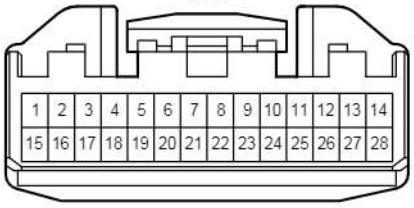
I 39
White



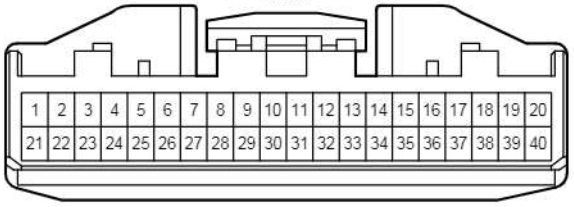
I 47
Yellow



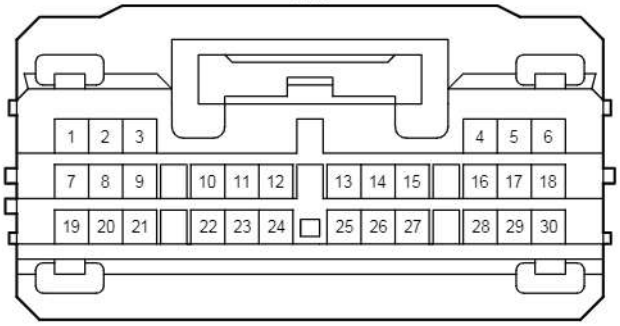
I 67
White



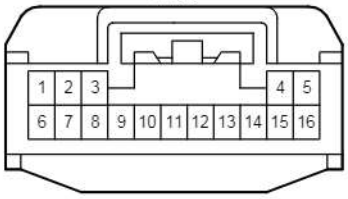
I 77
White



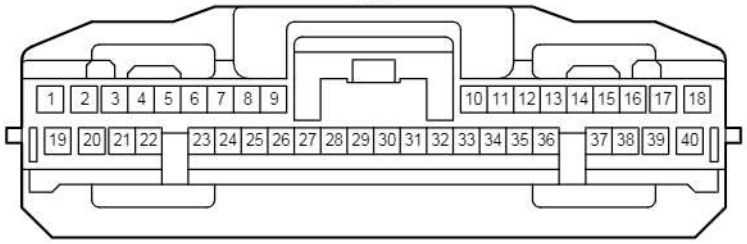
I 78
White



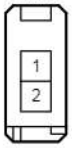
I 81
White



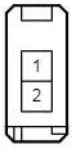
I 82
Black



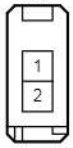
I 93
White



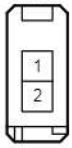
I 94
White



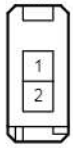
I 95
White



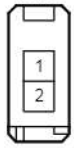
I 96
White



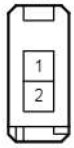
I 97
White



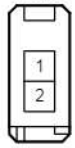
I100
White



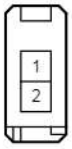
I101
White



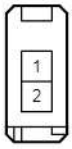
I102
White



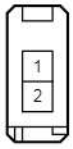
I103
White



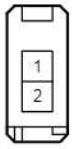
I104
White



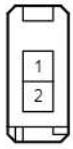
I105
White



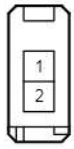
I106
White



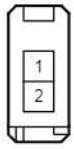
I107
White



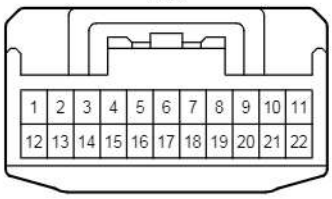
I108
White



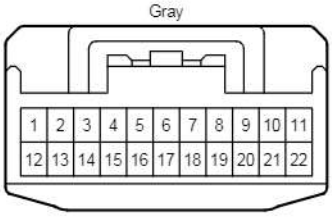
I111
White



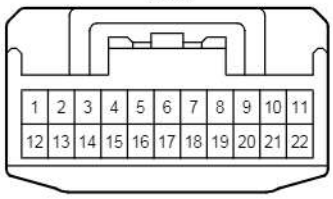
I124
White



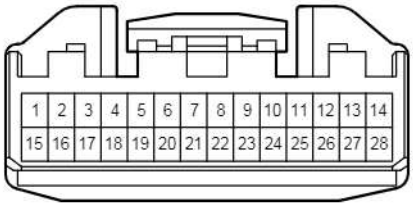
I125
Gray



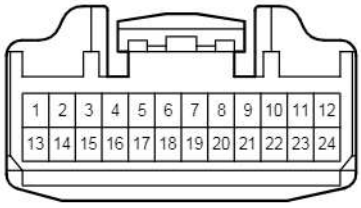
I128
White



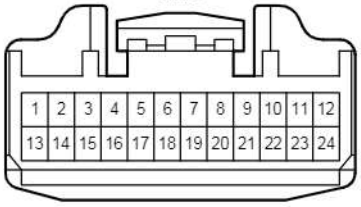
I155
White



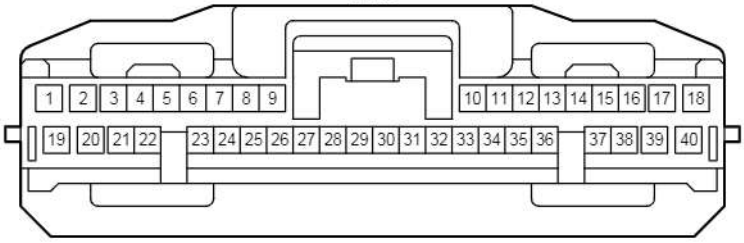
I158
White



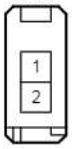
I177
White



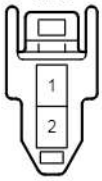
I187
White



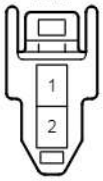
I191
White



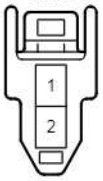
I192
White



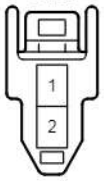
I193
White



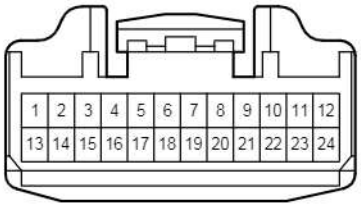
I194
White



I195
White



I196
White



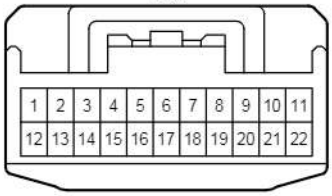
O 25
White



O 28
Black



O 30
Black



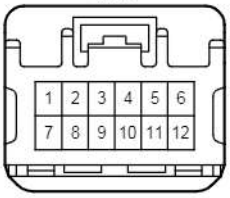
O 33
White



S 21
Gray



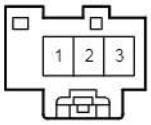
S 22
White



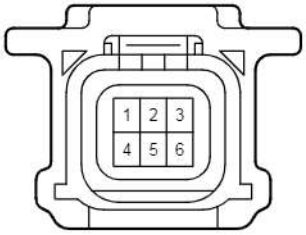
T 10
Black



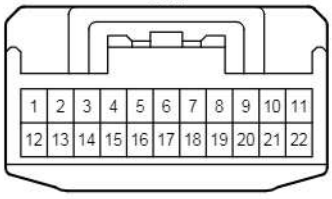
T 16
White



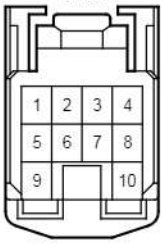
T 23
Black



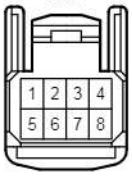
T 24
Black



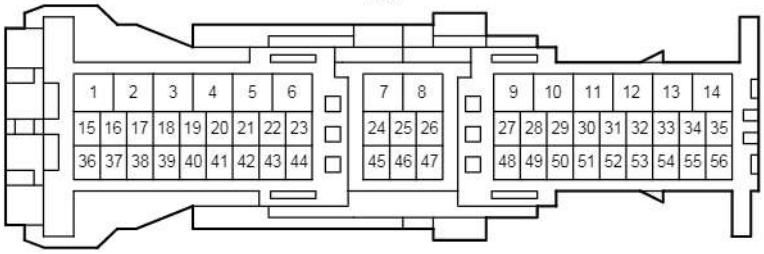
j 1
Black



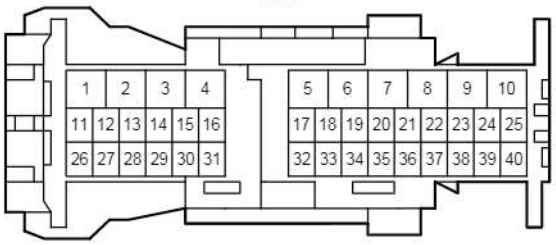
j 3
White



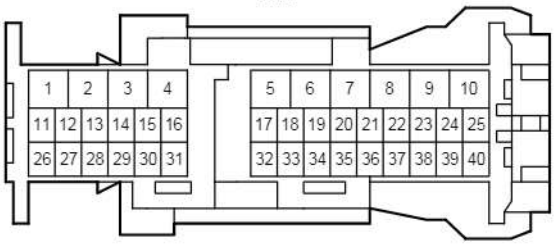
3A
White



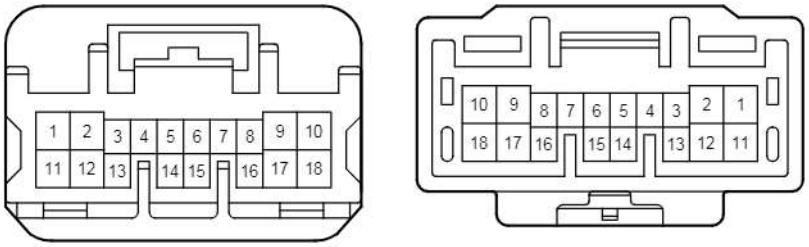
3B
White



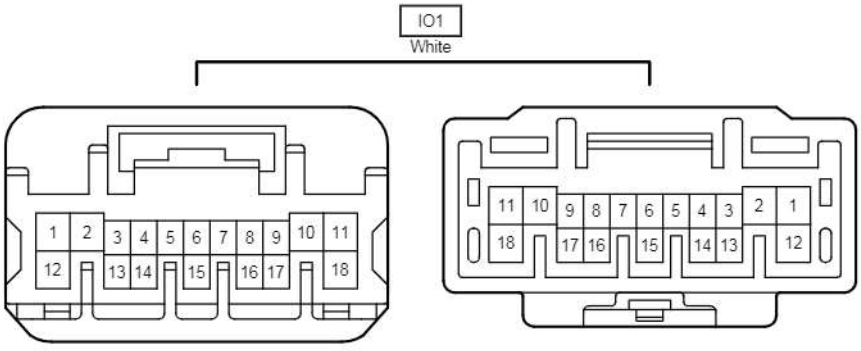
3D
White



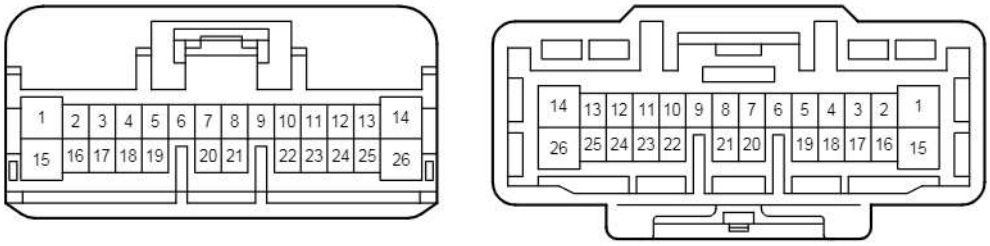
IA8
Gray

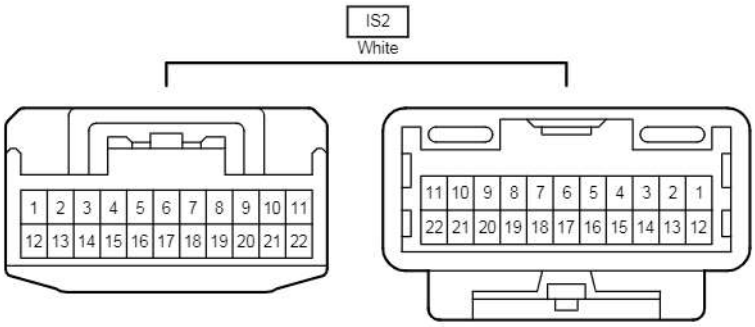


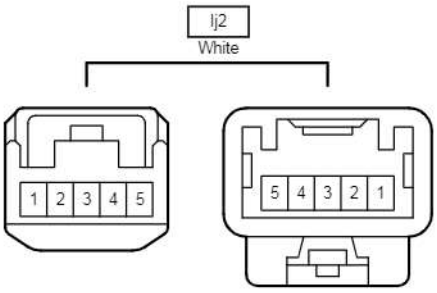
IO1
White

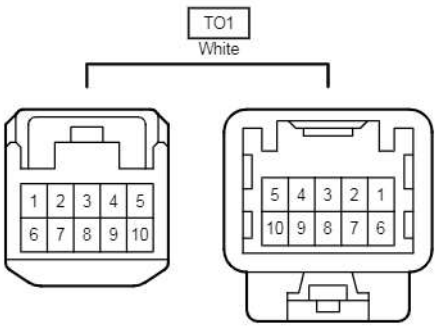


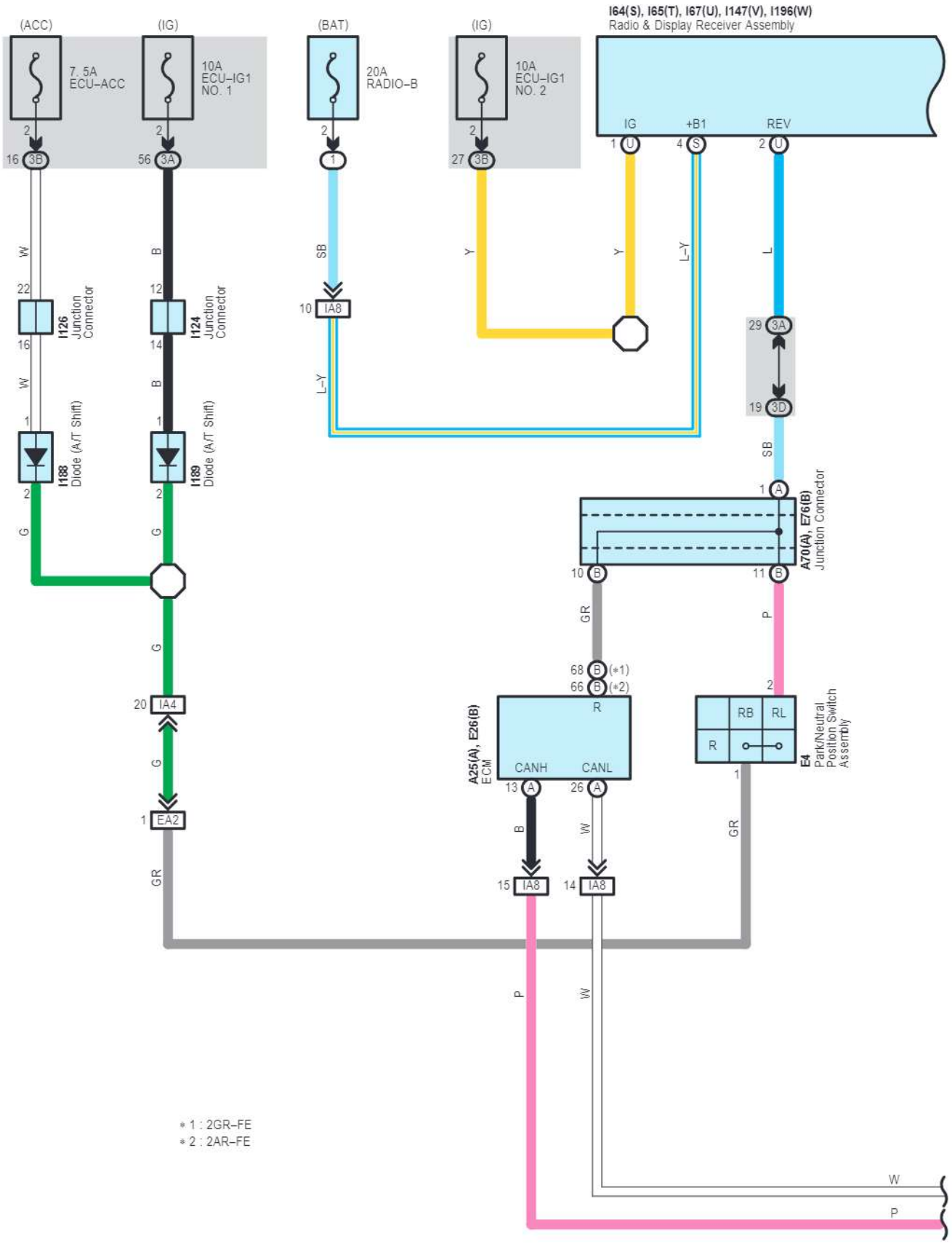
IO2
White

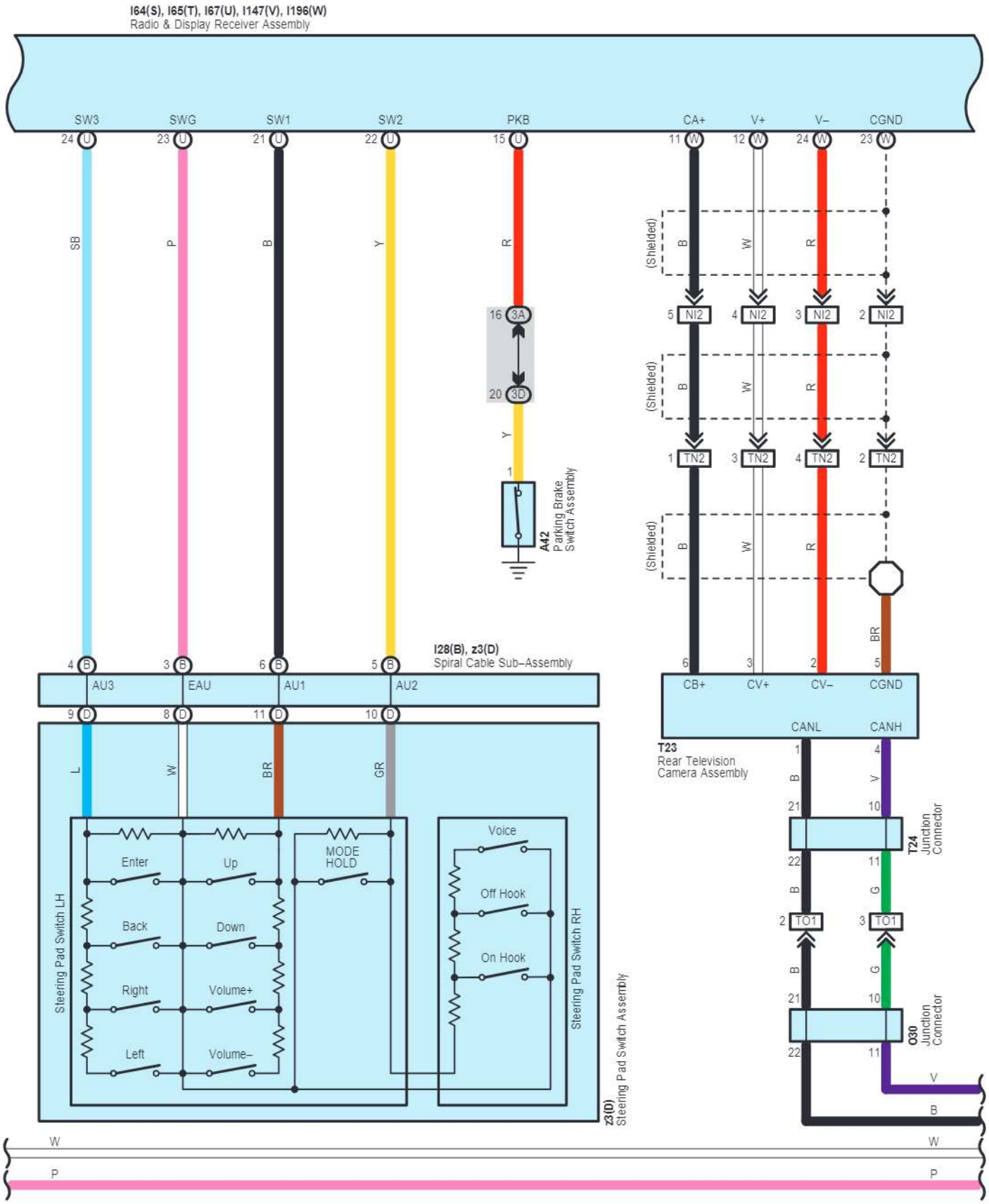


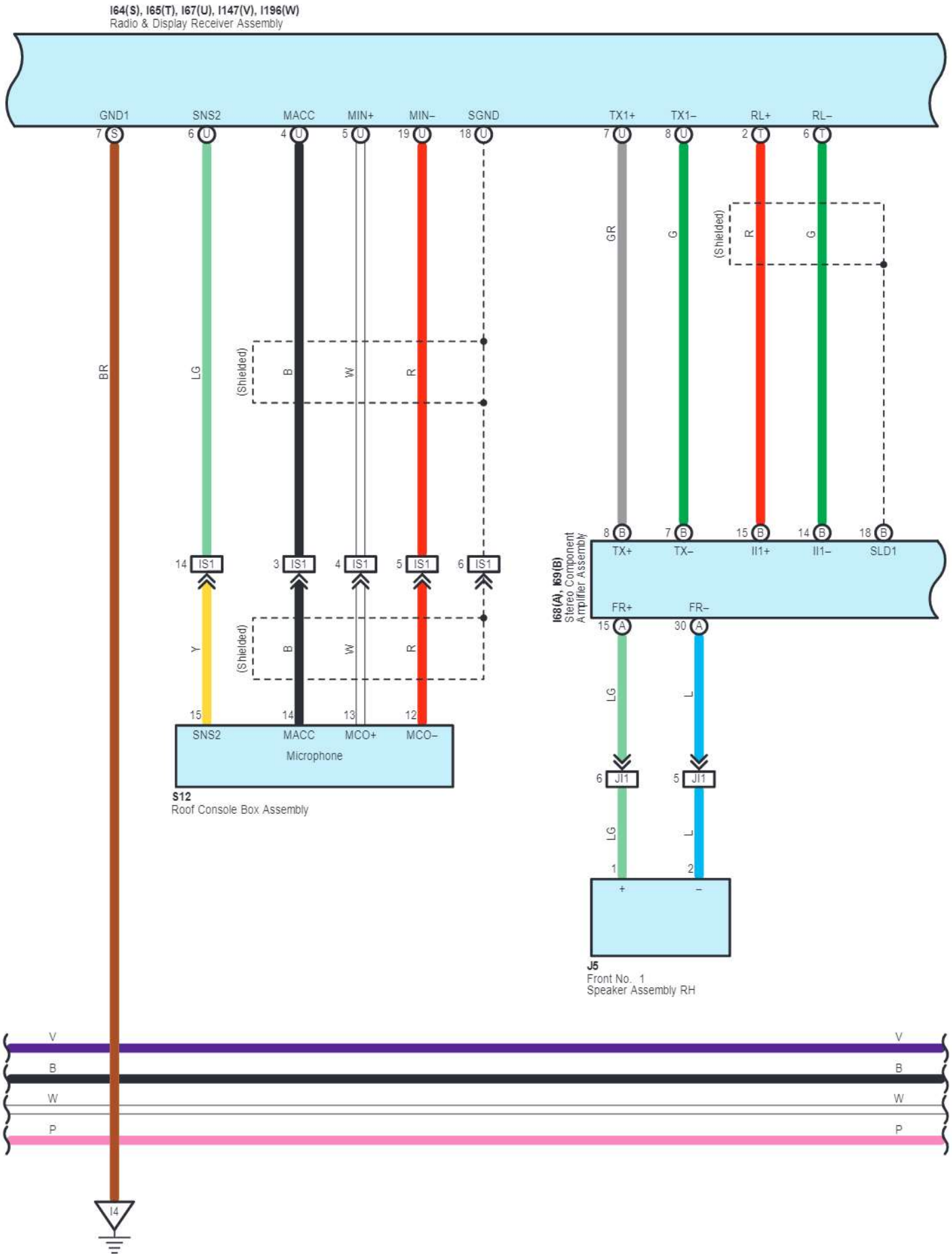

IS2
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12

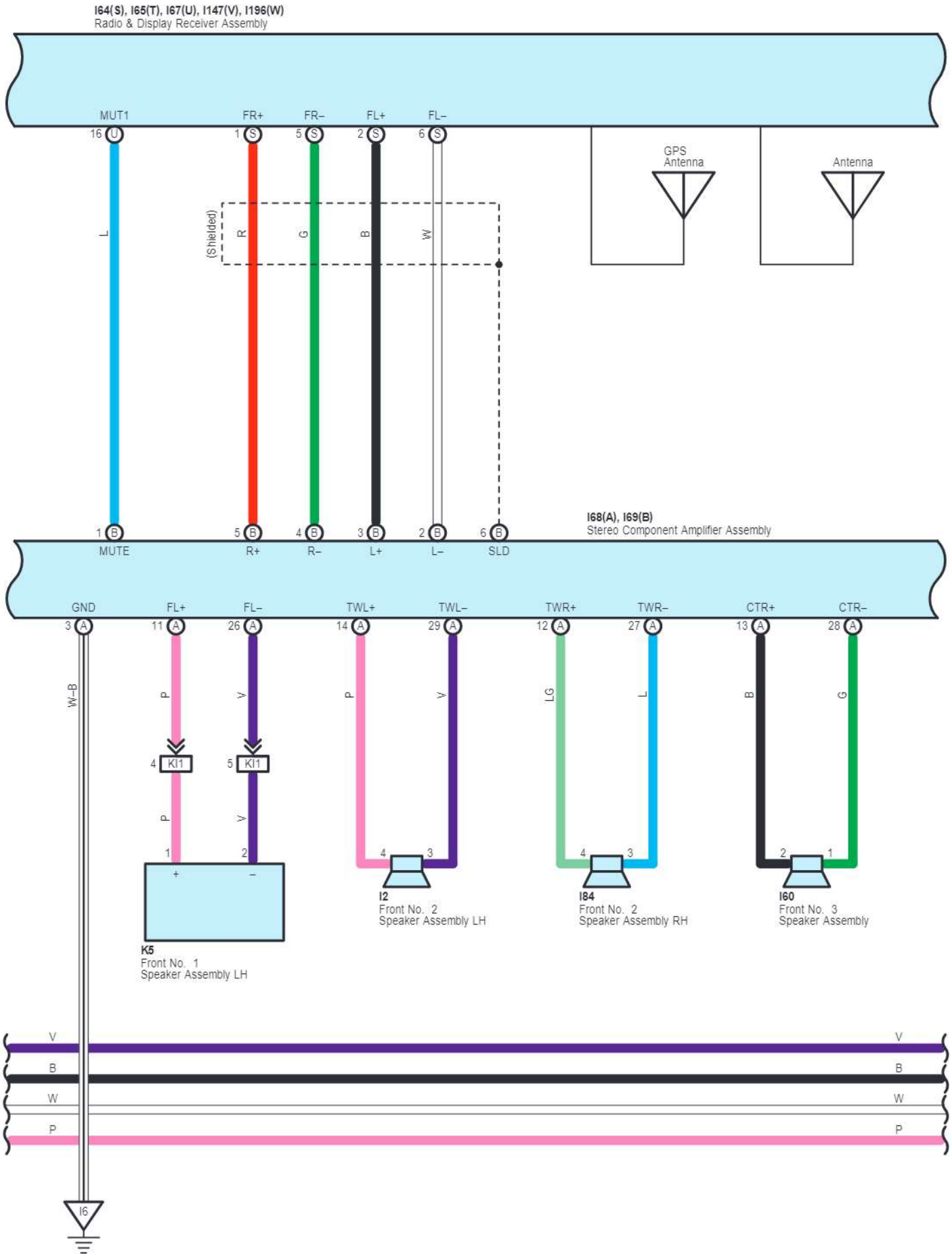

Ij2
White
1 2 3 4 5
5 4 3 2 1

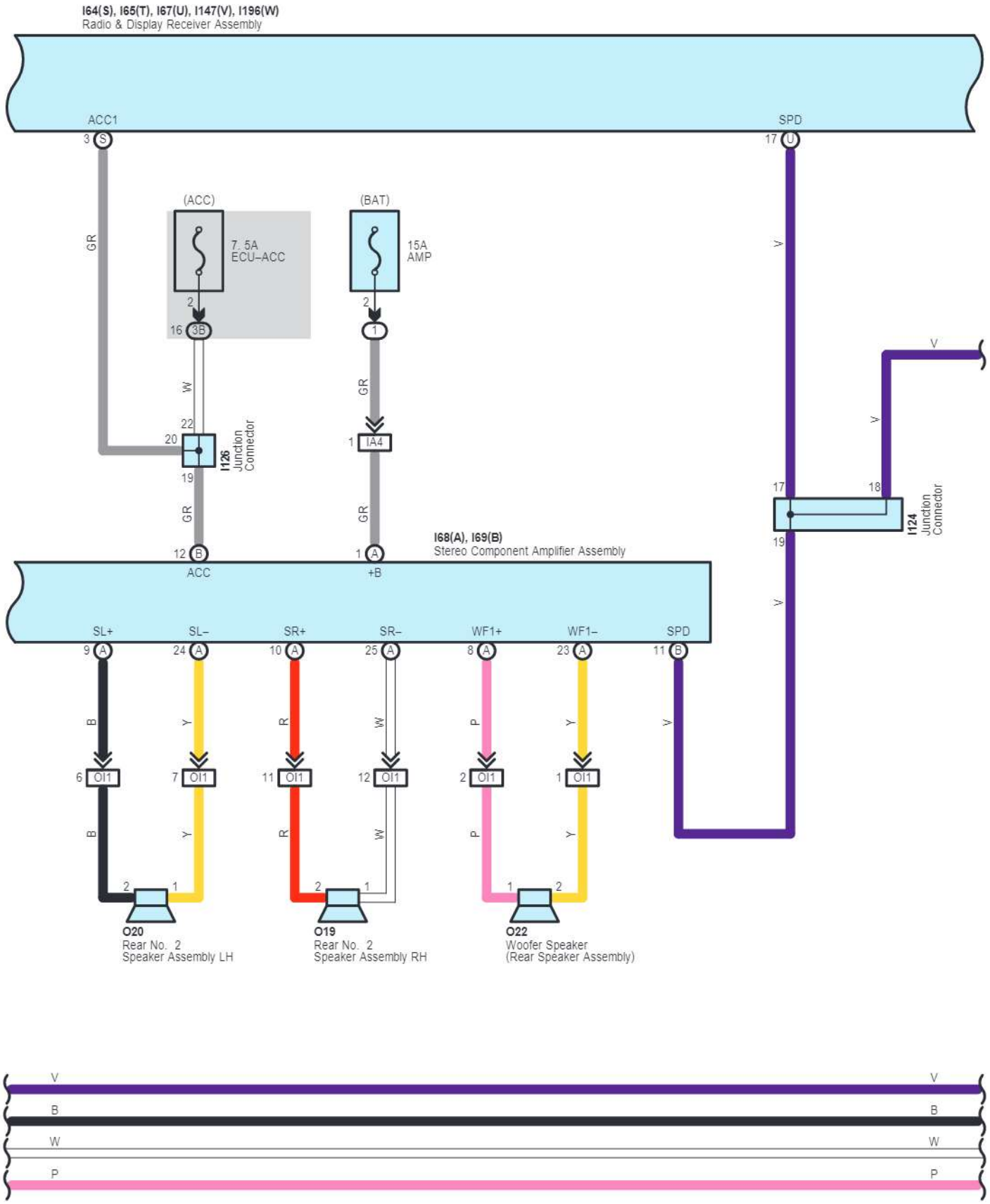

TO1
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6


(ACC)
(IG)
(BAT)
(IG)
7. 5A
ECU–ACC
10A
ECU–IG1
NO. 1
20A
RADIO–B
10A
ECU–IG1
NO. 2
I64(S), I65(T), I67(U), I147(V), I196(W)
Radio & Display Receiver Assembly
IG
+B1
REV
I126
Junction
Connector
I124
Junction
Connector
I188
Diode (A/T Shift)
I189
Diode (A/T Shift)
A70(A), E76(B)
Junction Connector
A25(A), E26(B)
ECM
CANH
CANL
E4
Park/Neutral
Position Switch
Assembly
RB
RL
R
IA8
IA4
EA2
3A
3B
3D
W
B
SB
Y
L–Y
L
G
GR
P
* 1 : 2GR–FE
* 2 : 2AR–FE

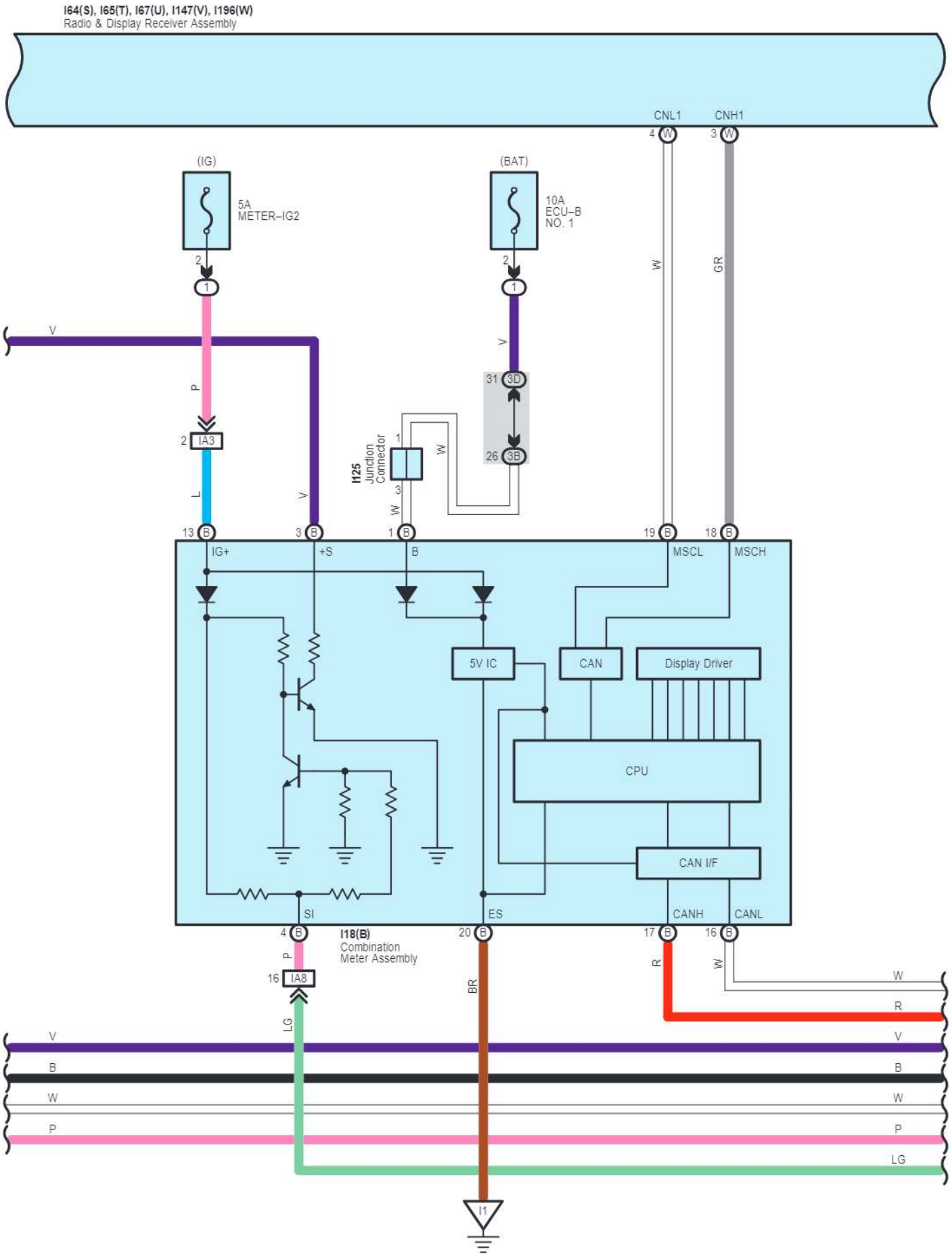

I64(S), I65(T), I67(U), I147(V), I196(W)
Radio & Display Receiver Assembly
SW3
SWG
SW1
SW2
PKB
CA+
V+
V–
CGND
24 U
23 U
21 U
22 U
15 U
11 W
12 W
24 W
23 W
SB
P
B
Y
R
W
(Shielded)
16 3A
20 3D
5 NI2
4 NI2
3 NI2
2 NI2
1 TN2
3 TN2
4 TN2
2 TN2
A42
Parking Brake Switch Assembly
I28(B), z3(D)
Spiral Cable Sub–Assembly
4 B
3 B
6 B
5 B
AU3
EAU
AU1
AU2
9 D
8 D
11 D
10 D
L
W
BR
GR
6
3
2
5
CB+
CV+
CV–
CGND
CANL
CANH
T23
Rear Television Camera Assembly
1
4
21
10
V
T24
Junction Connector
22
11
G
2 TO1
3 TO1
O30
Junction Connector
Steering Pad Switch LH
Enter
Up
Back
Down
Right
Volume+
Left
Volume–
MODE HOLD
Voice
Off Hook
On Hook
Steering Pad Switch RH
z3(D)
Steering Pad Switch Assembly

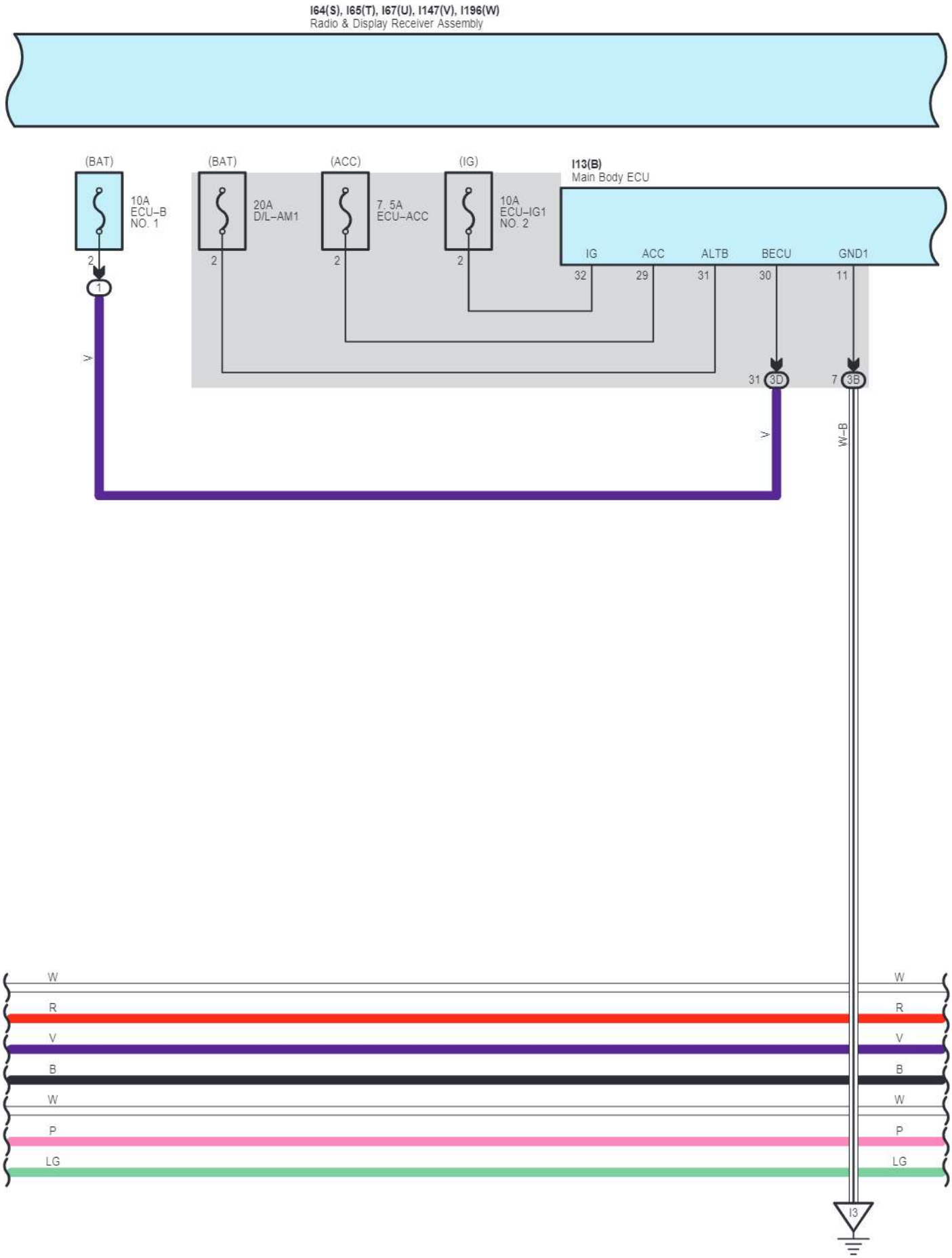

I64(S), I65(T), I67(U), I147(V), I196(W)
Radio & Display Receiver Assembly
GND1
SNS2
MACC
MIN+
MIN–
SGND
TX1+
TX1–
RL+
RL–
7 S
6 U
4 U
5 U
19 U
18 U
7 U
8 U
2 T
6 T
BR
LG
(Shielded)
B
W
R
GR
G
R
G
14 IS1
3 IS1
4 IS1
5 IS1
6 IS1
Y
15
14
13
12
SNS2
MACC
MCO+
MCO–
Microphone
S12
Roof Console Box Assembly
I68(A), I69(B)
Stereo Component
Amplifier Assembly
8 B
7 B
15 B
14 B
18 B
TX+
TX–
II1+
II1–
SLD1
FR+
FR–
15 A
30 A
LG
L
6 JI1
5 JI1
LG
L
1
2
+
–
J5
Front No. 1
Speaker Assembly RH
V
B
W
P
I4

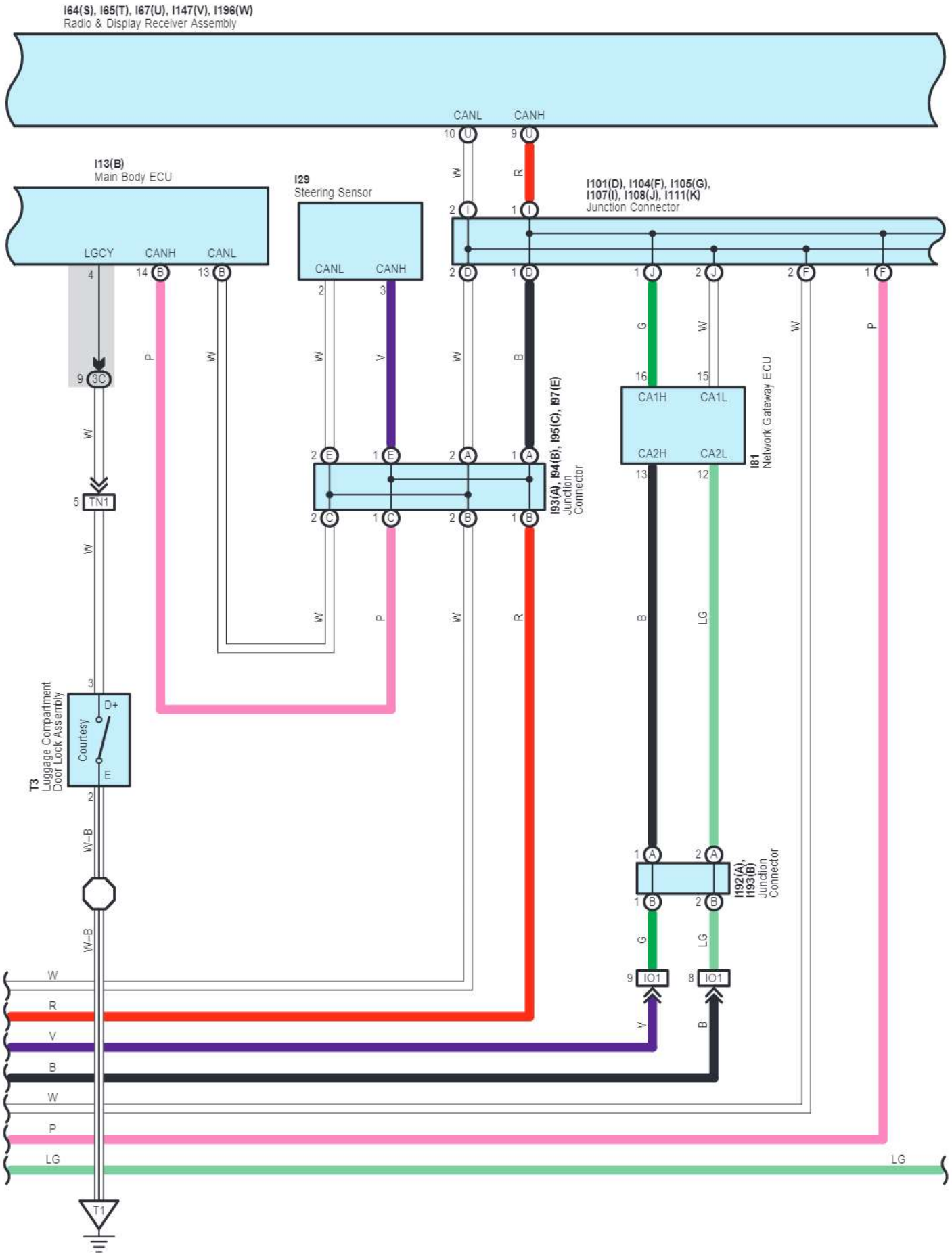

I64(S), I65(T), I67(U), I147(V), I196(W)
Radio & Display Receiver Assembly
MUT1
FR+
FR−
FL+
FL−
16 U
1 S
5 S
2 S
6 S
L
(Shielded)
R
G
B
W
GPS Antenna
Antenna
1 B
MUTE
5 B
R+
4 B
R−
3 B
L+
2 B
L−
6 B
SLD
I68(A), I69(B)
Stereo Component Amplifier Assembly
GND
FL+
FL−
TWL+
TWL−
TWR+
TWR−
CTR+
CTR−
3 A
11 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
B
W
P
I6

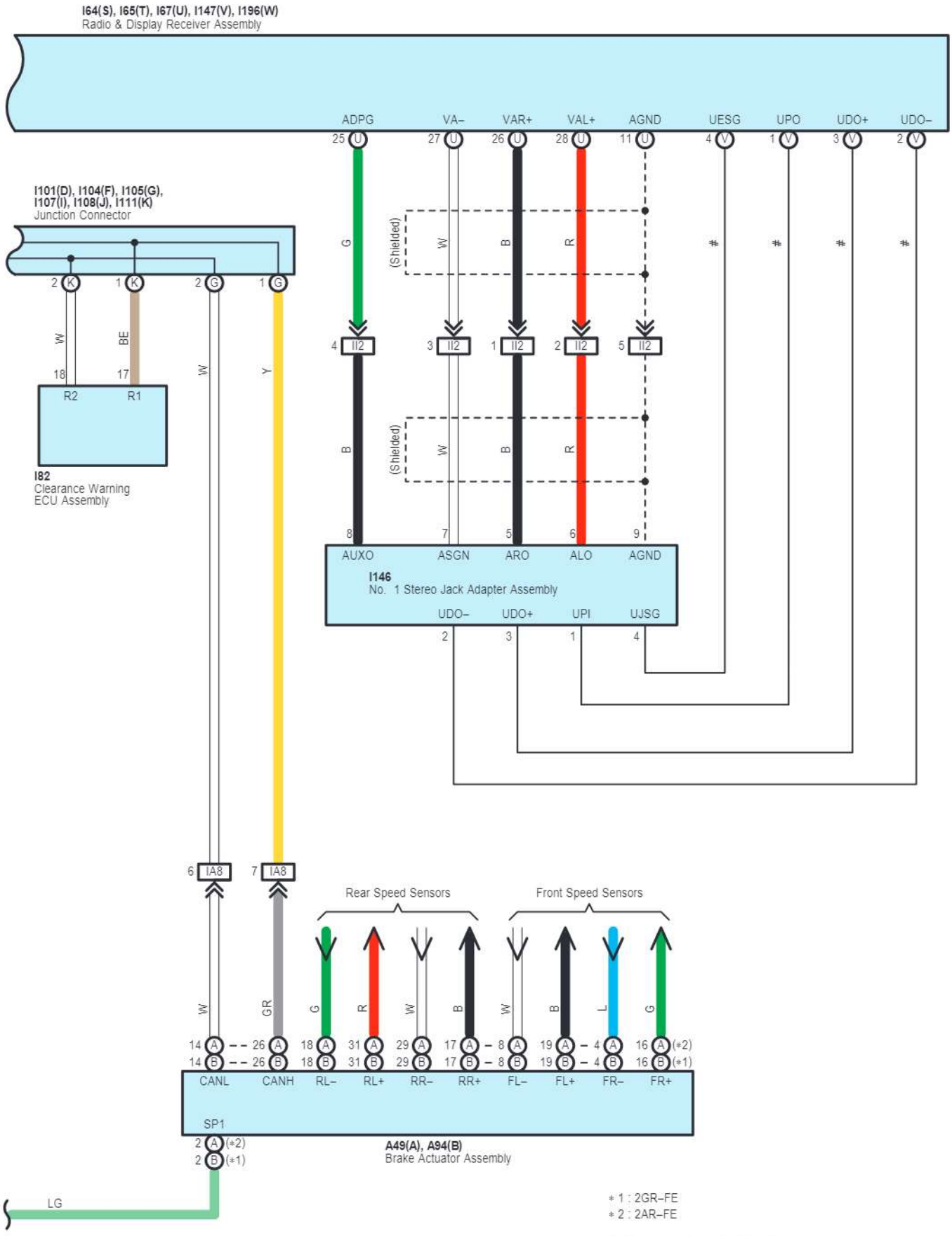

I64(S), I65(T), I67(U), I147(V), I196(W)
Radio & Display Receiver Assembly
ACC1
3 S
SPD
17 U
(ACC)
7.5A
ECU-ACC
(BAT)
15A
AMP
GR
W
V
16 3B
1
IA4
I126
Junction
Connector
I124
Junction
Connector
I68(A), I69(B)
Stereo Component Amplifier Assembly
12 B
ACC
1 A
+B
SL+
SL-
SR+
SR-
WF1+
WF1-
SPD
9 A
24 A
10 A
25 A
8 A
23 A
11 B
B
Y
R
P
6 OI1
7 OI1
11 OI1
12 OI1
2 OI1
1 OI1
O20
Rear No. 2
Speaker Assembly LH
O19
Rear No. 2
Speaker Assembly RH
O22
Woofer Speaker
(Rear Speaker Assembly)

V
B
W
P


I64(S), I65(T), I67(U), I147(V), I196(W)
Radio & Display Receiver Assembly
CNL1
CNH1
4 W
3 W
(IG)
5A
METER–IG2
(BAT)
10A
ECU–B
NO. 1
2
1
W
GR
V
P
31 3D
26 3B
2 IA3
I125
Junction
Connector
1
3
W
L
13 B
3 B
1 B
19 B
18 B
IG+
+S
B
MSCL
MSCH
5V IC
CAN
Display Driver
CPU
CAN I/F
SI
ES
CANH
CANL
4 B
20 B
17 B
16 B
I18(B)
Combination
Meter Assembly
16 IA8
LG
BR
R
W
B
P
I1


I64(S), I65(T), I67(U), I147(V), I196(W)
Radio & Display Receiver Assembly
(BAT)
10A
ECU-B
NO. 1
2
1
V
(BAT)
20A
D/L-AM1
2
(ACC)
7.5A
ECU-ACC
2
(IG)
10A
ECU-IG1
NO. 2
2
I13(B)
Main Body ECU
IG
ACC
ALTB
BECU
GND1
32
29
31
30
11
31
3D
7
3B
V
W-B
W
R
V
B
W
P
LG
W
R
V
B
W
P
LG
I3

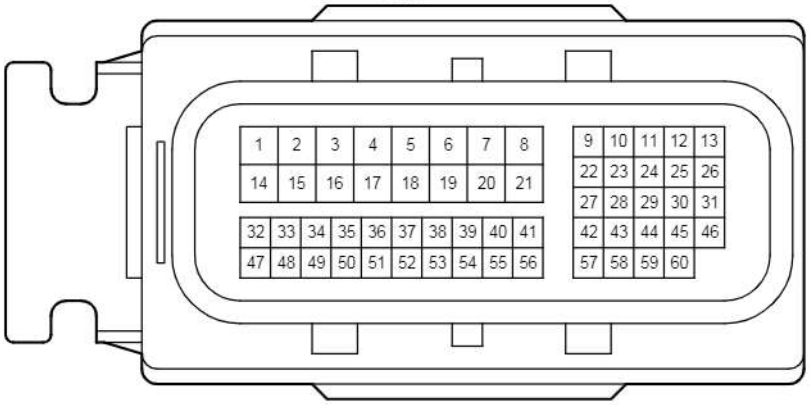

I64(S), I65(T), I67(U), I147(V), I196(W)
Radio & Display Receiver Assembly
CANL
CANH
I13(B)
Main Body ECU
LGCY
CANH
CANL
I29
Steering Sensor
CANL
CANH
I101(D), I104(F), I105(G),
I107(I), I108(J), I111(K)
Junction Connector
I93(A), I94(B), I95(C), I97(E)
Junction Connector
I81
Network Gateway ECU
CA1H
CA1L
CA2H
CA2L
I192(A),
I193(B)
Junction
Connector
T3
Luggage Compartment
Door Lock Assembly
Courtesy
D+
E
TN1
IO1
IO1
T1
W
R
V
B
W
P
LG
LG



∗1 : 2GR–FE
∗2 : 2AR–FE

: There is no wire color information.

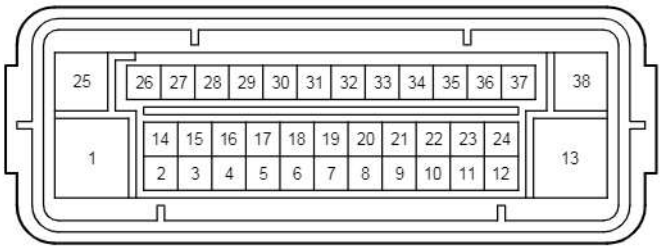
A 25
Black



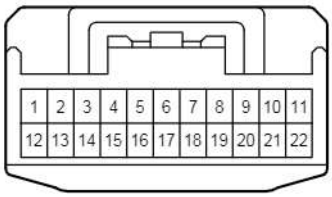
A 42
Black



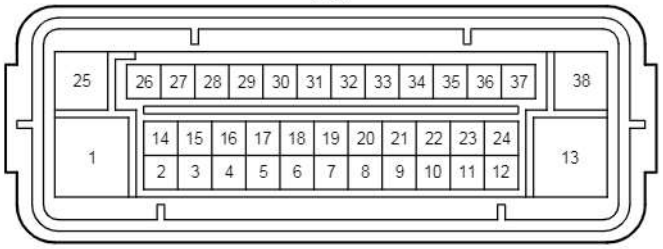
A 49
Black



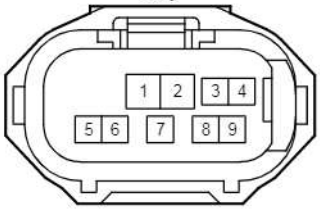
A 70
White



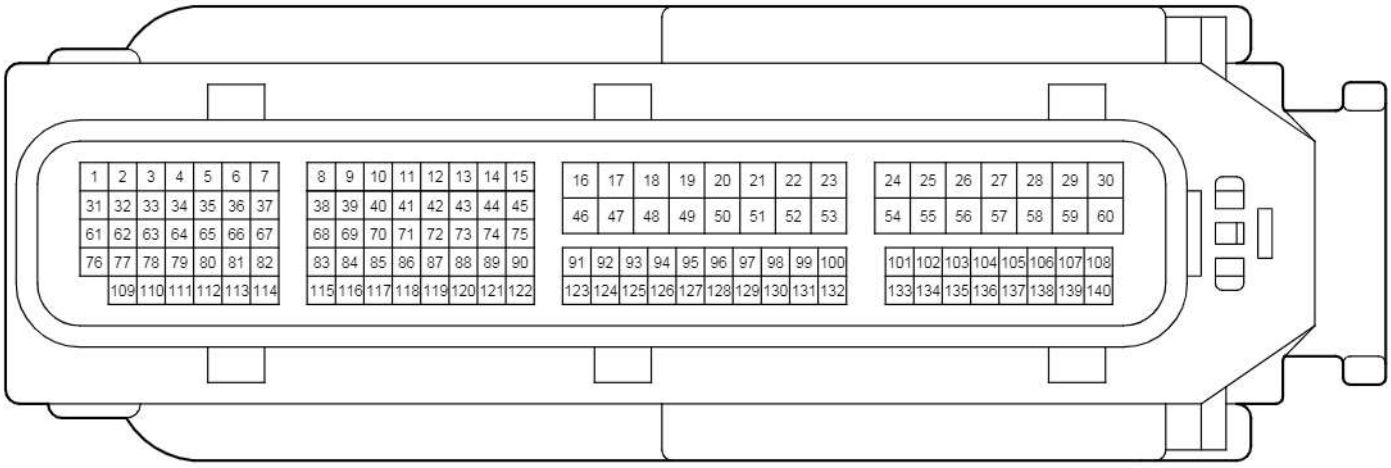
A 94
Black



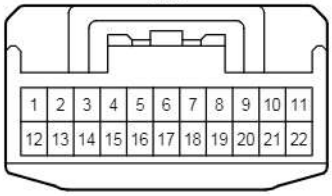
E 4
Gray



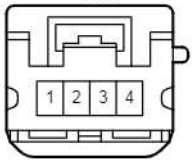
E 26
Black



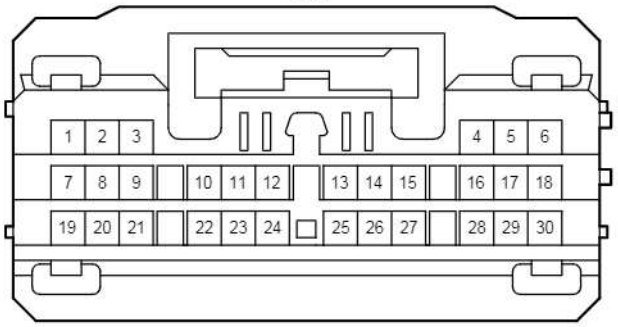
E 76
White



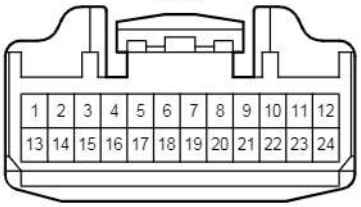
I 2
White



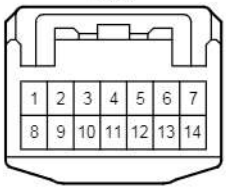
I 13
White



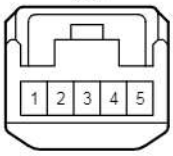
I 18
Black



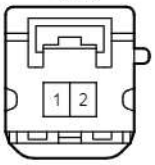
I 28
Black



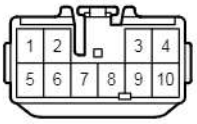
I 29
Blue



I 60
White



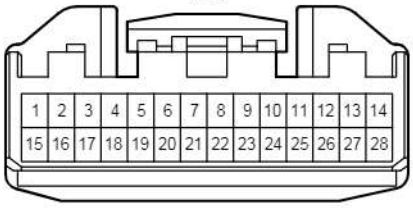
I 64
White



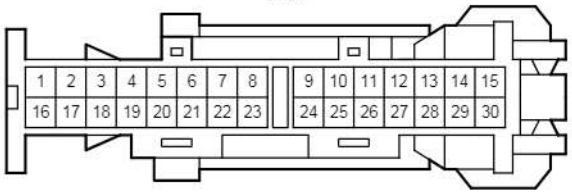
I 65
White



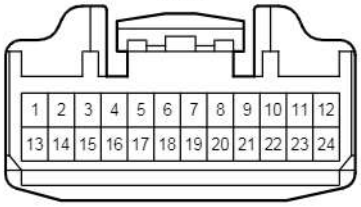
I 67
White



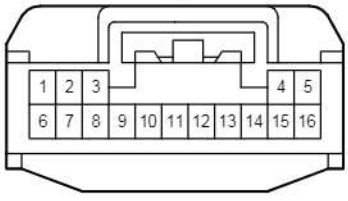
I 68
White



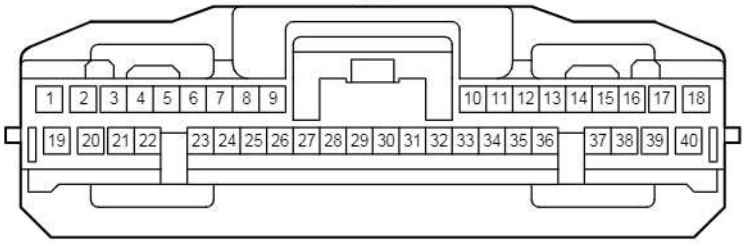
I 69
White



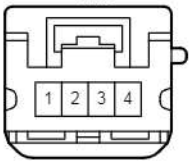
I 81
White



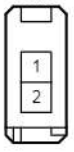
I 82
Black



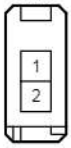
I 84
White



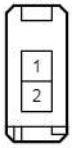
I 93
White



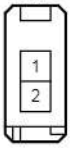
I 94
White



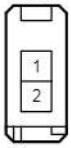
I 95
White



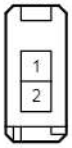
I 97
White



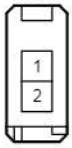
I101
White



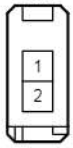
I104
White



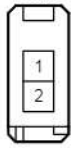
I105
White



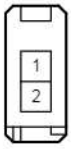
I107
White



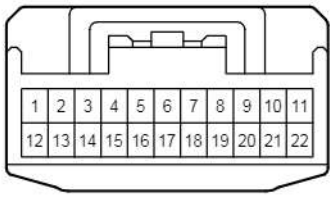
I108
White



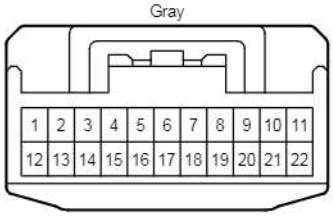
I111
White



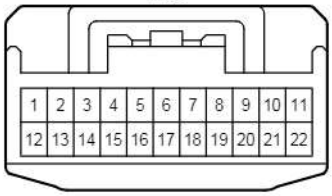
I124
White



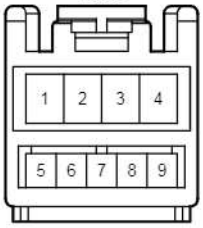
I125
Gray



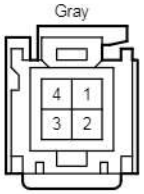
I126
White



I146
Black



I147
Gray



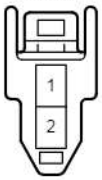
I188
Gray



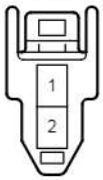
I189
Gray



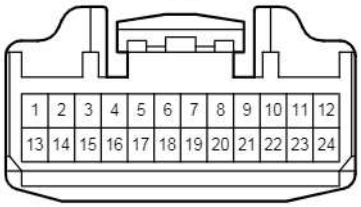
I192
White



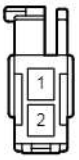
I193
White



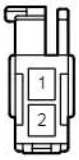
I196
White



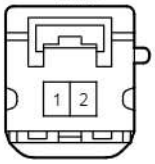
J 5
Black



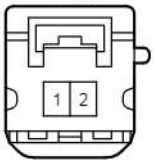
K 5
Black



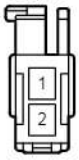
O 19
White



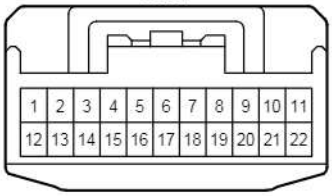
O 20
White



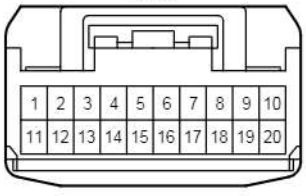
O 22
Black



O 30
Black



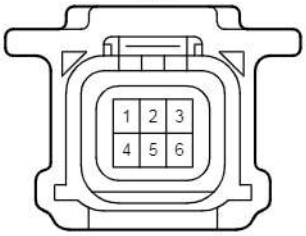
S 12
Black



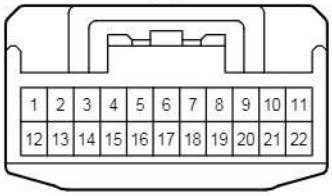
T 3
Black



T 23
Black



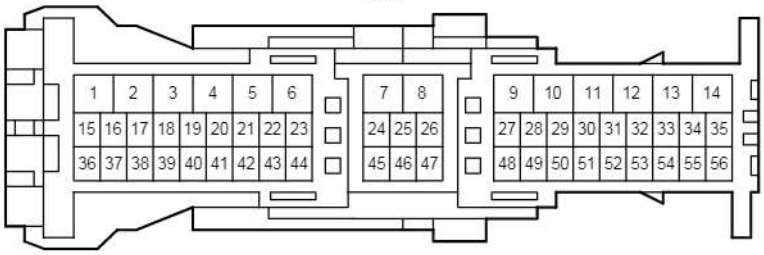
T 24
Black



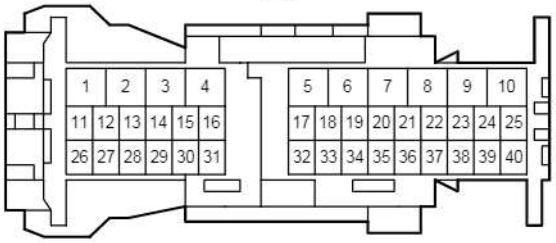
z 3
Black



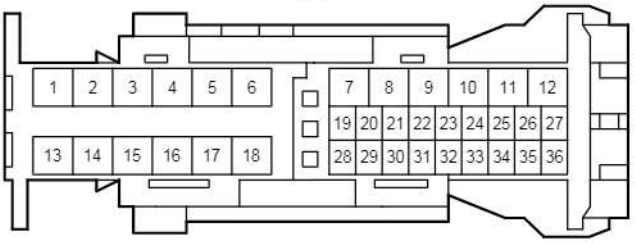
3A
White



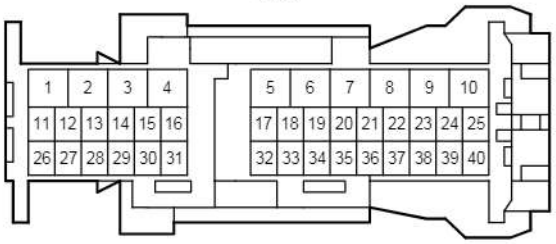
3B
White



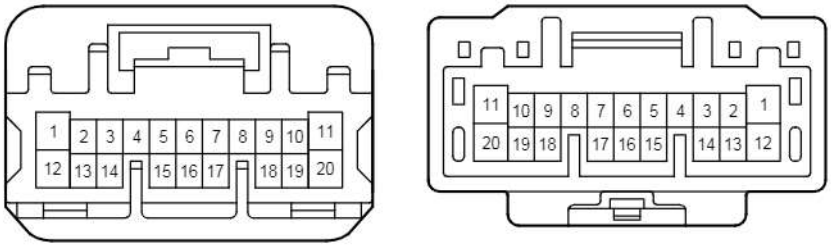
3C
White



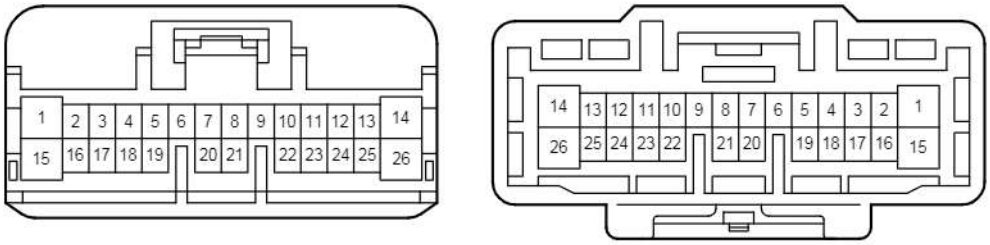
3D
White



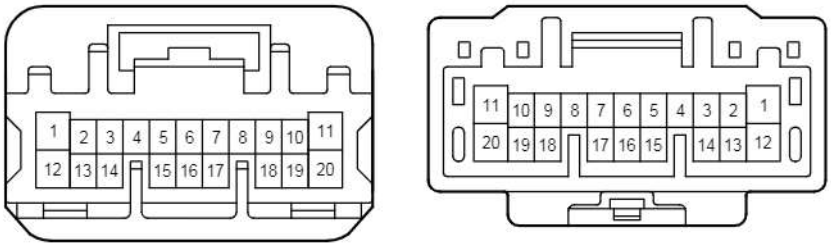
EA2
White



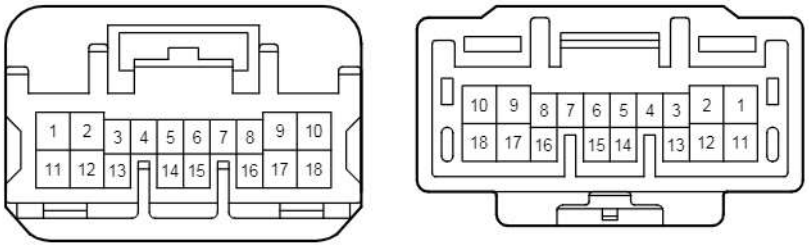
IA3
Blue



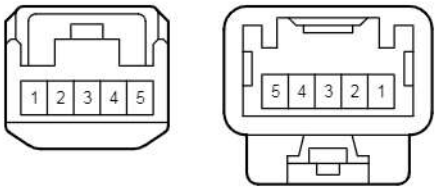
IA4
Gray



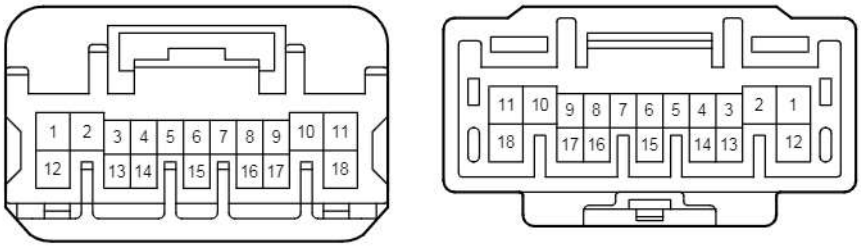
IA8
Gray



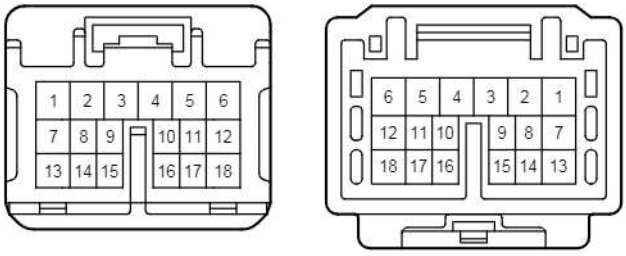
II2
White



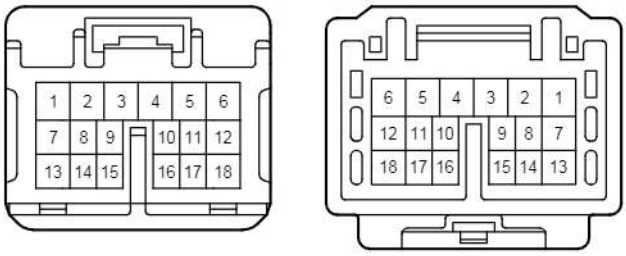
IO1
White



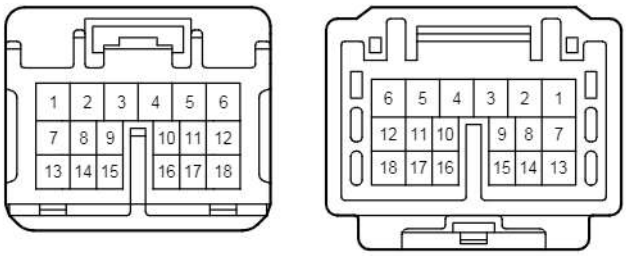
IS1
White



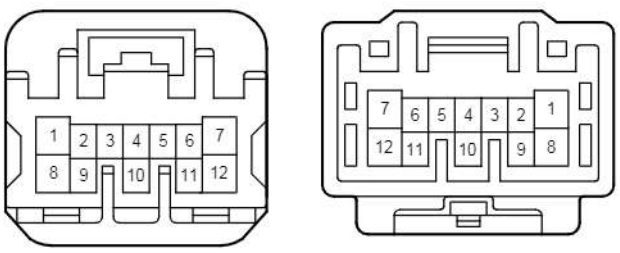
JI1
Gray



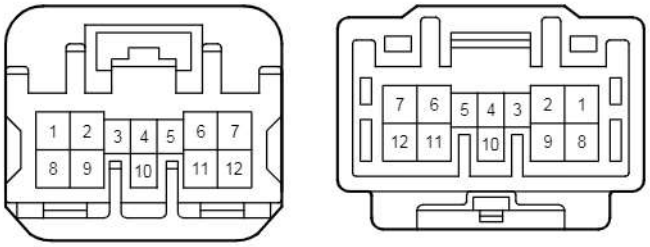
KI1
White



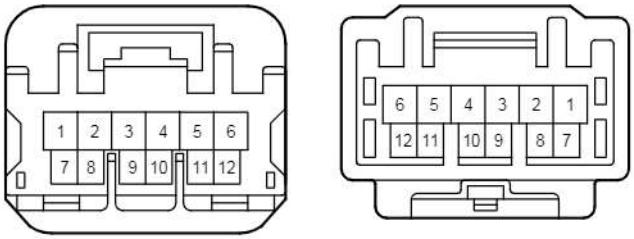
NI2
White



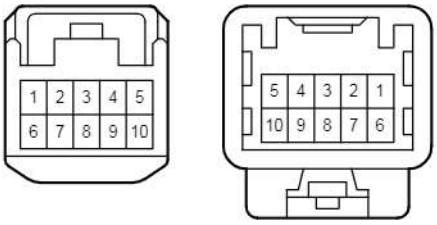
OI1
Gray



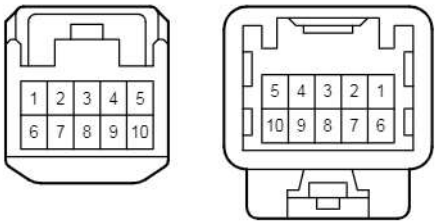
TN1
White

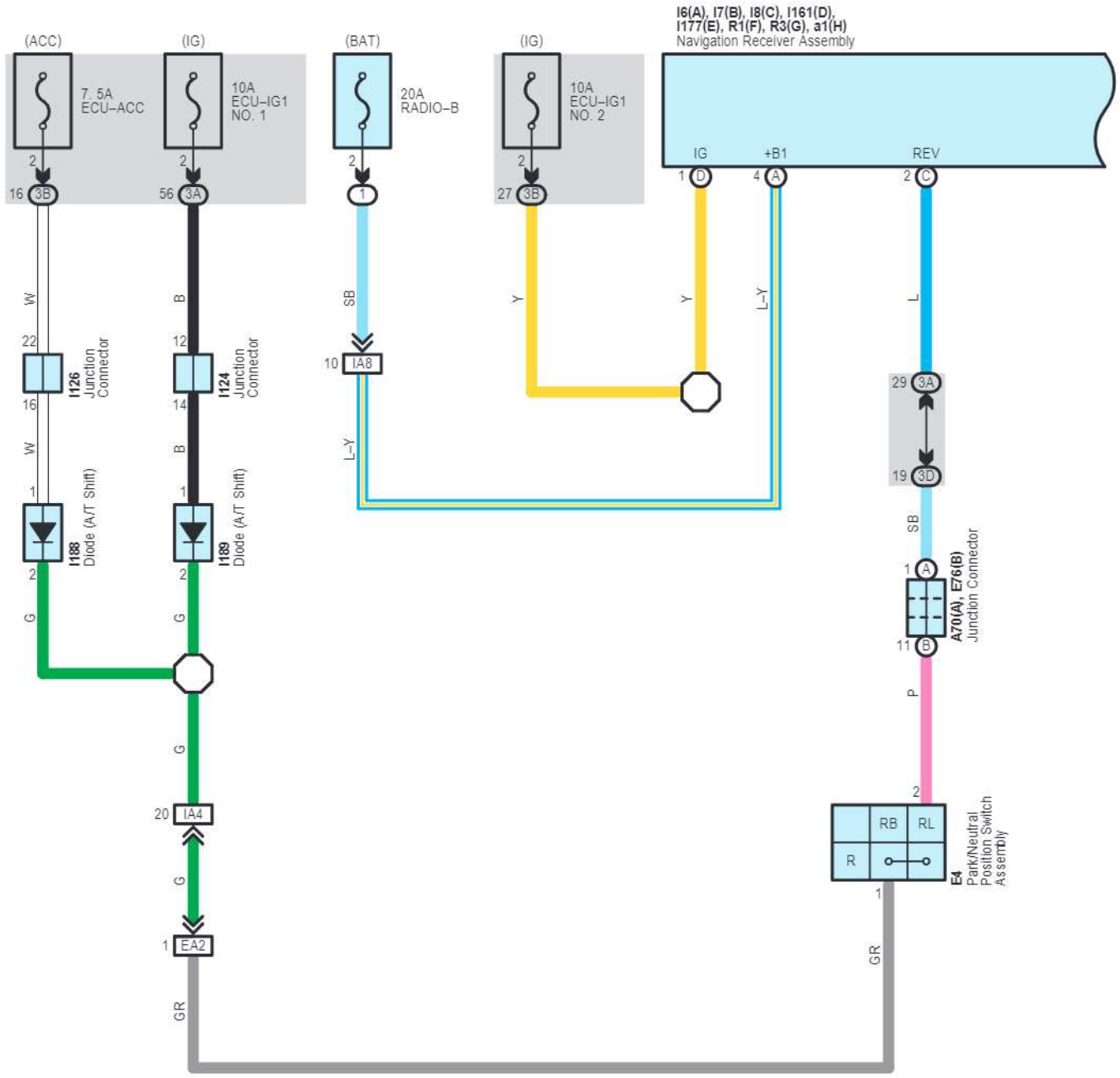


TN2
White

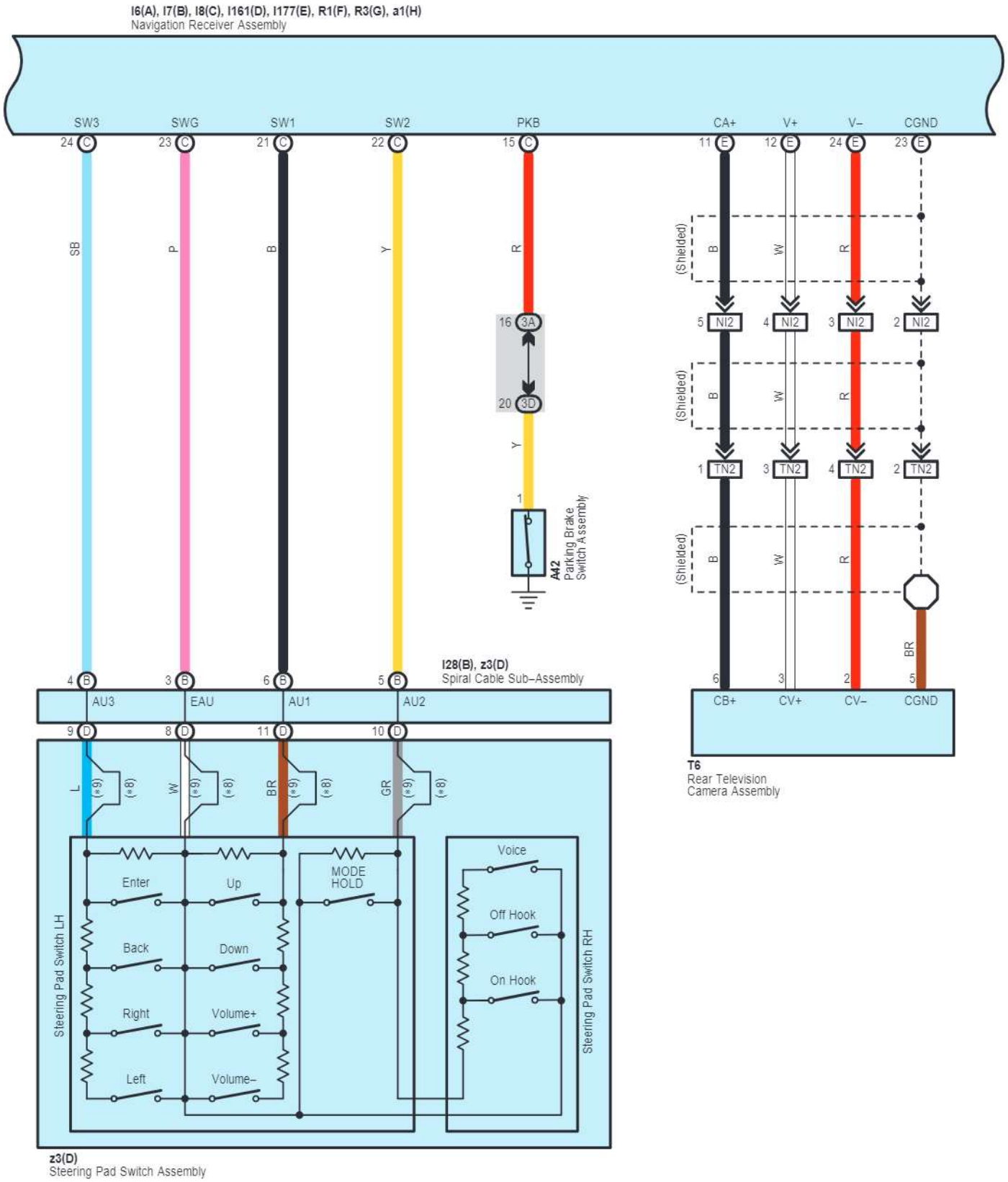


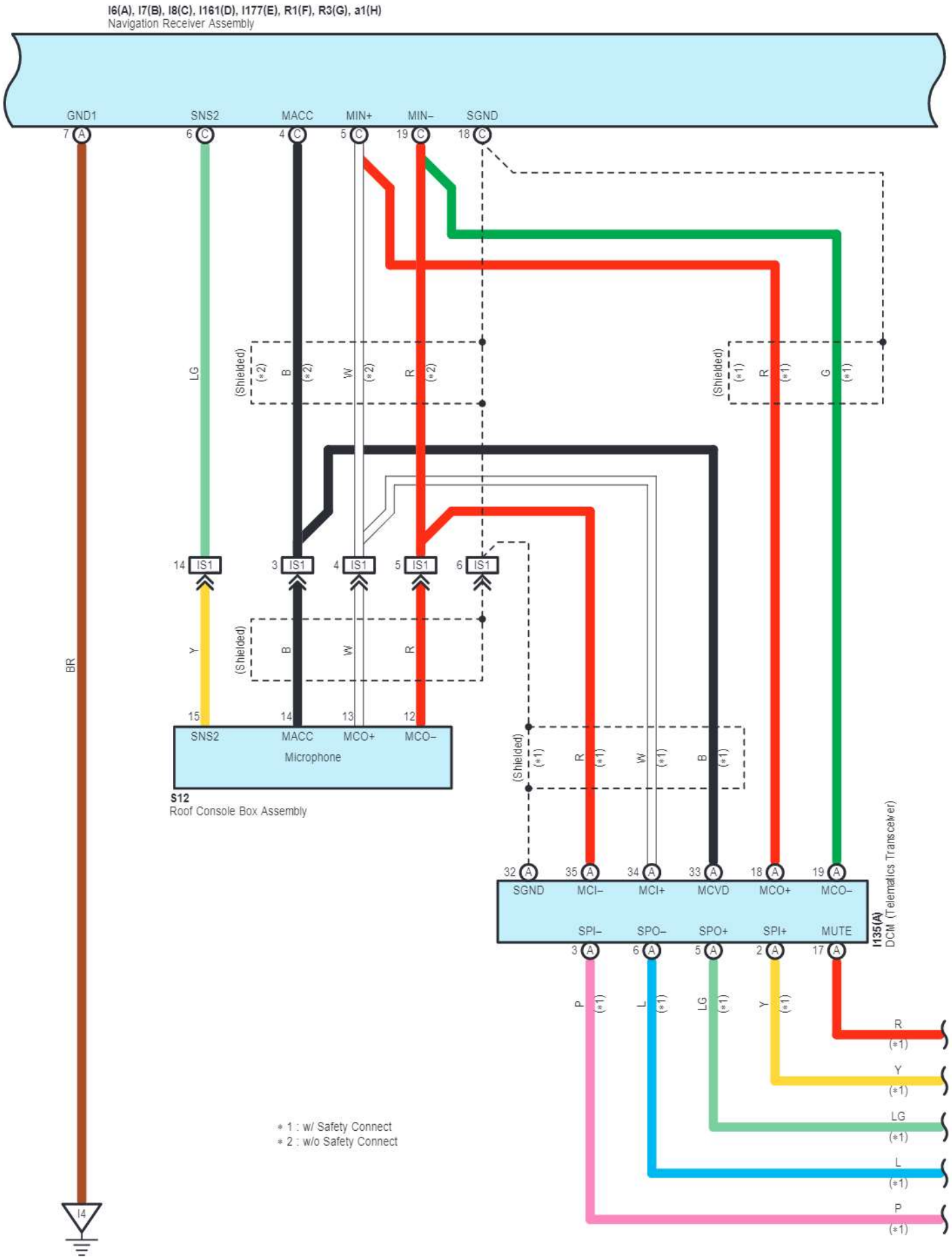
TO1
White

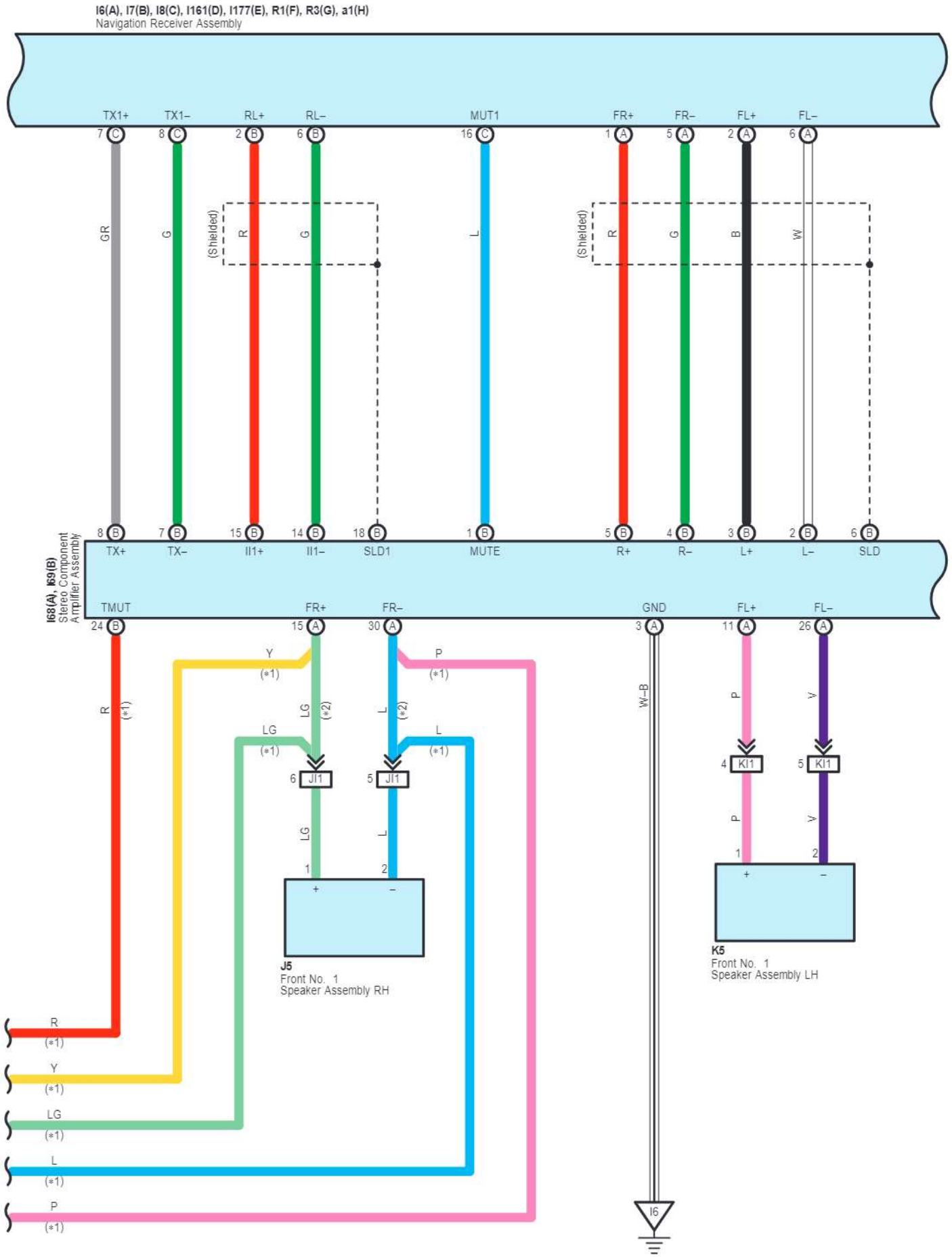


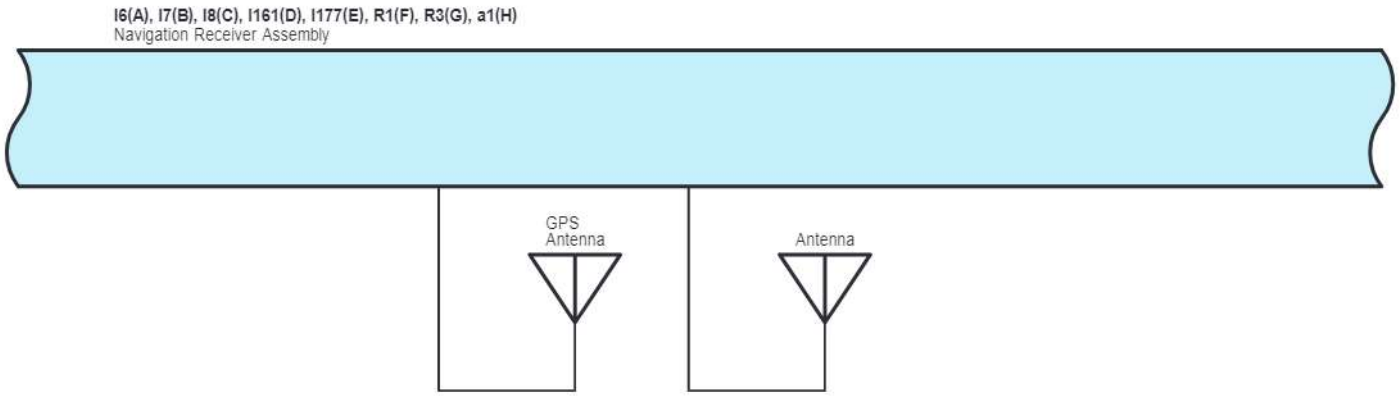


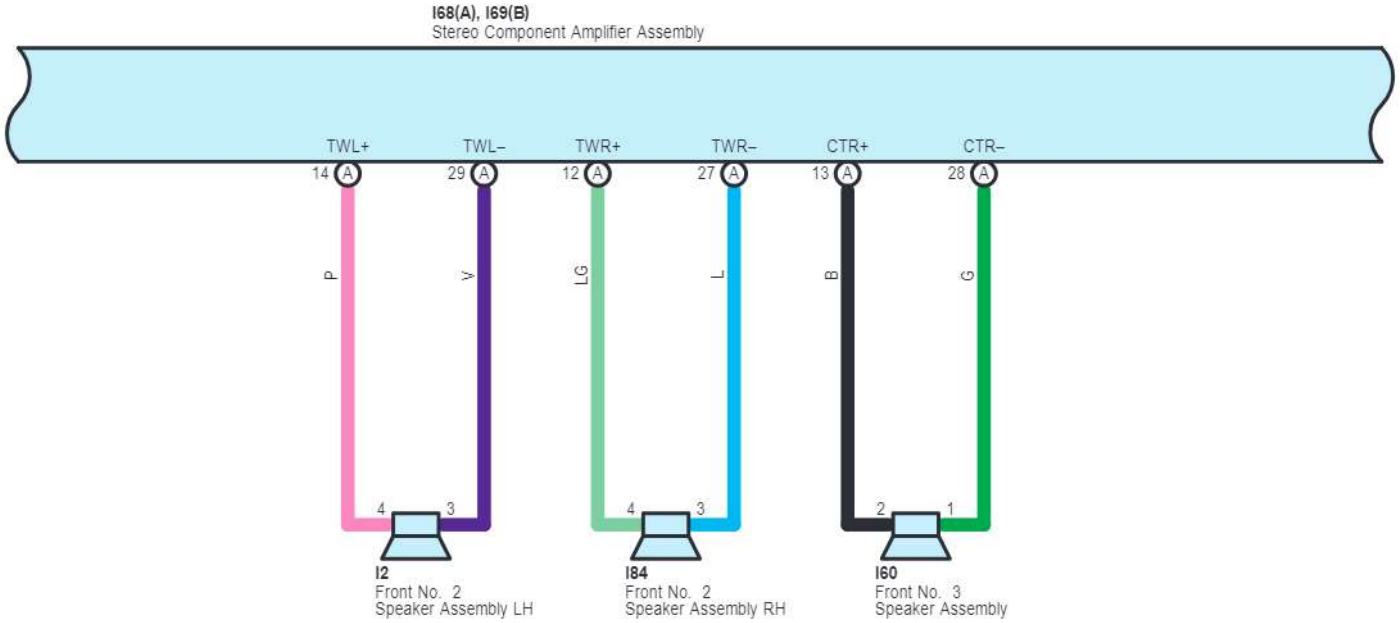
∗ 8 : w/ Paddle Shift Switch w/o Dynamic Radar Cruise Control
∗ 9 : Except ∗8

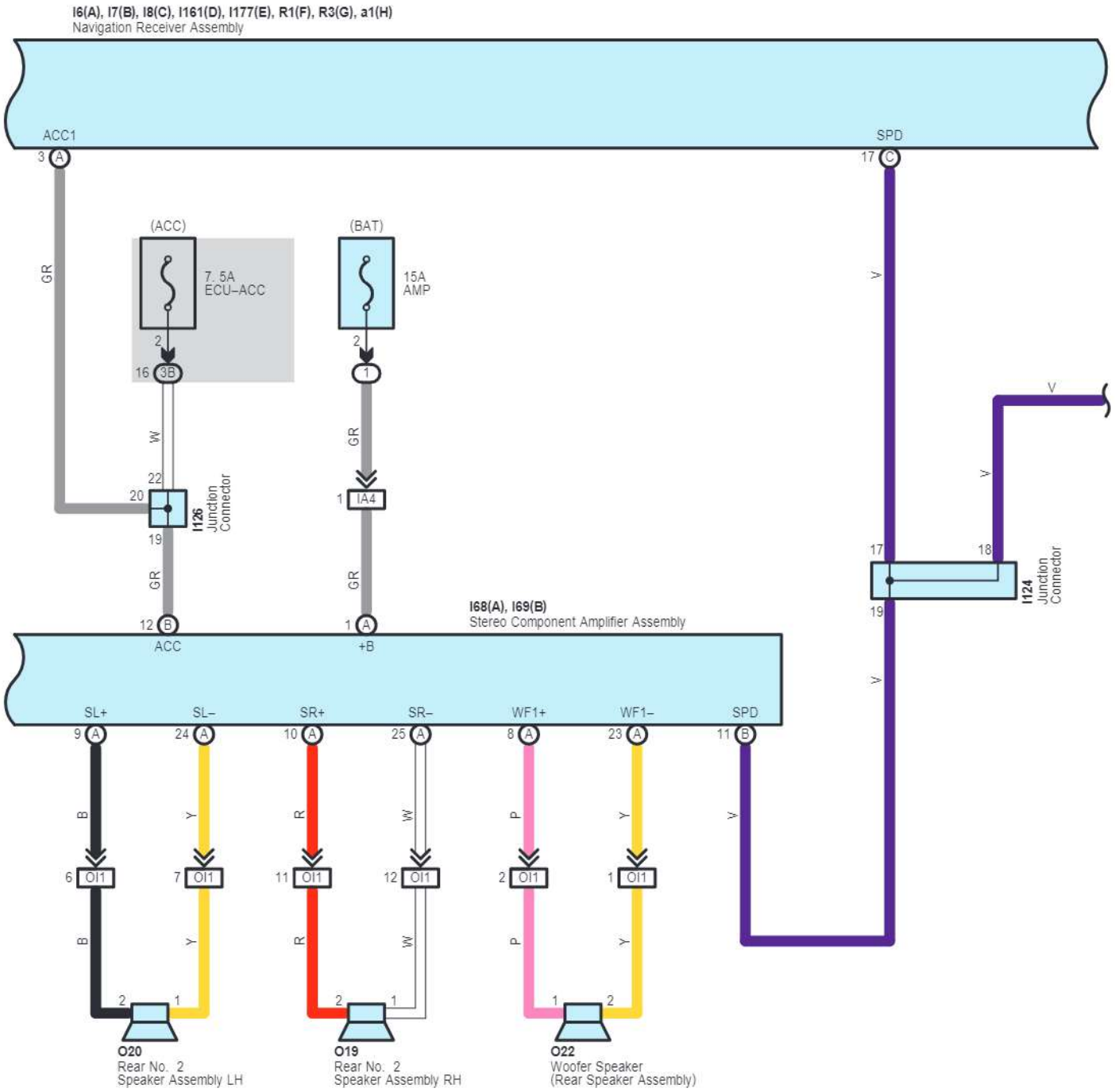

I6(A), I7(B), I8(C), I161(D), I177(E), R1(F), R3(G), a1(H)
Navigation Receiver Assembly
SW3
SWG
SW1
SW2
PKB
CA+
V+
V–
CGND
24 C
23 C
21 C
22 C
15 C
11 E
12 E
24 E
23 E
SB
P
B
Y
R
W
(Shielded)
16 3A
20 3D
5 NI2
4 NI2
3 NI2
2 NI2
1 TN2
3 TN2
4 TN2
2 TN2
A42
Parking Brake Switch Assembly
I28(B), z3(D)
Spiral Cable Sub–Assembly
4 B
3 B
6 B
5 B
AU3
EAU
AU1
AU2
9 D
8 D
11 D
10 D
L
W
BR
GR
(*9)
(*8)
Enter
Up
MODE HOLD
Back
Down
Right
Volume+
Left
Volume–
Voice
Off Hook
On Hook
Steering Pad Switch LH
Steering Pad Switch RH
z3(D)
Steering Pad Switch Assembly
6
3
2
5
CB+
CV+
CV–
CGND
T6
Rear Television Camera Assembly

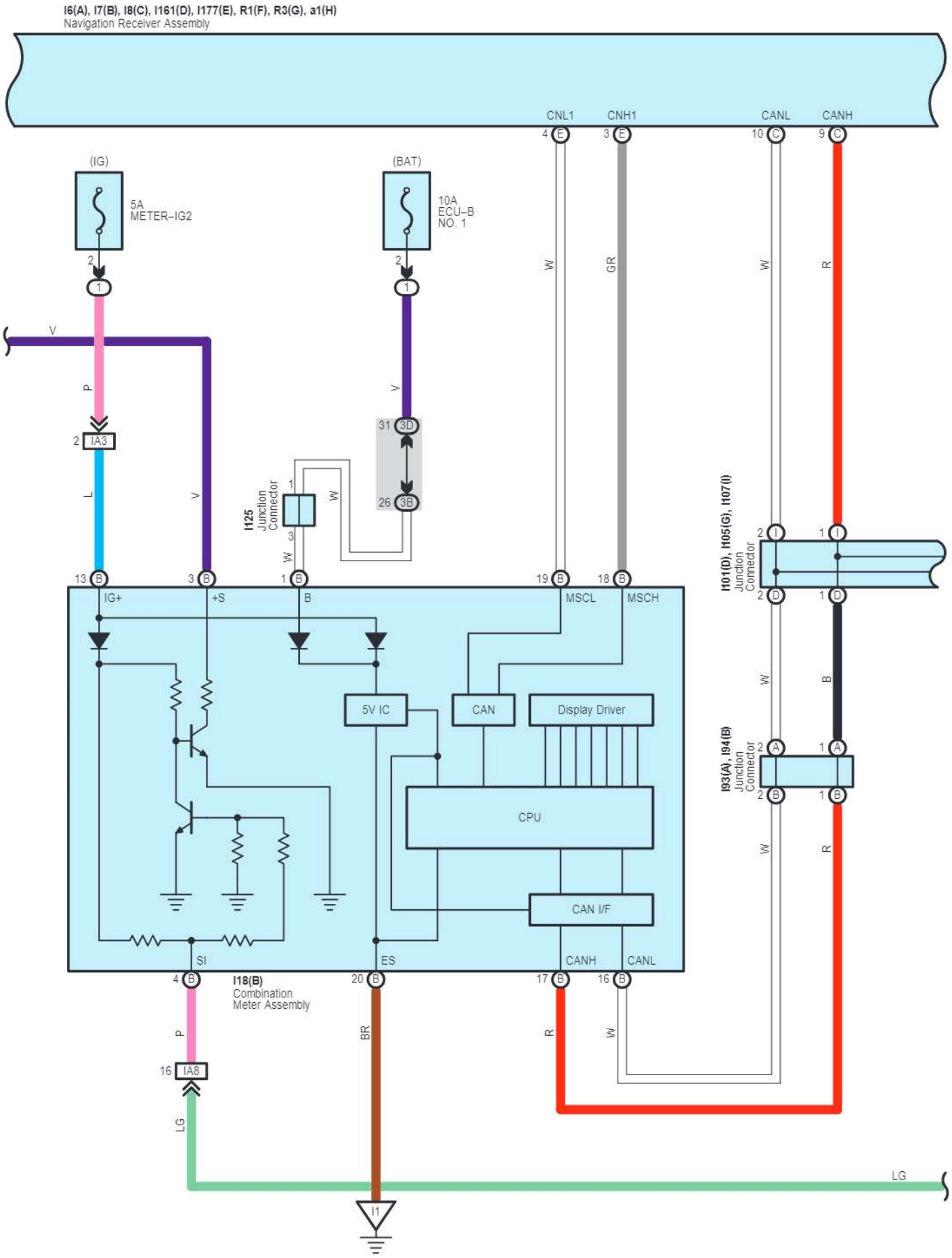

I6(A), I7(B), I8(C), I161(D), I177(E), R1(F), R3(G), a1(H)
Navigation Receiver Assembly
GND1
SNS2
MACC
MIN+
MIN–
SGND
7 A
6 C
4 C
5 C
19 C
18 C
LG
BR
(Shielded)
(*2)
B
W
R
G
(*1)
14 IS1
3 IS1
4 IS1
5 IS1
6 IS1
Y
15
14
13
12
SNS2
MACC
MCO+
MCO–
Microphone
S12
Roof Console Box Assembly
32 A
35 A
34 A
33 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
R
I135(A)
DCM (Telematics Transceiver)
I4
* 1 : w/ Safety Connect
* 2 : w/o Safety Connect

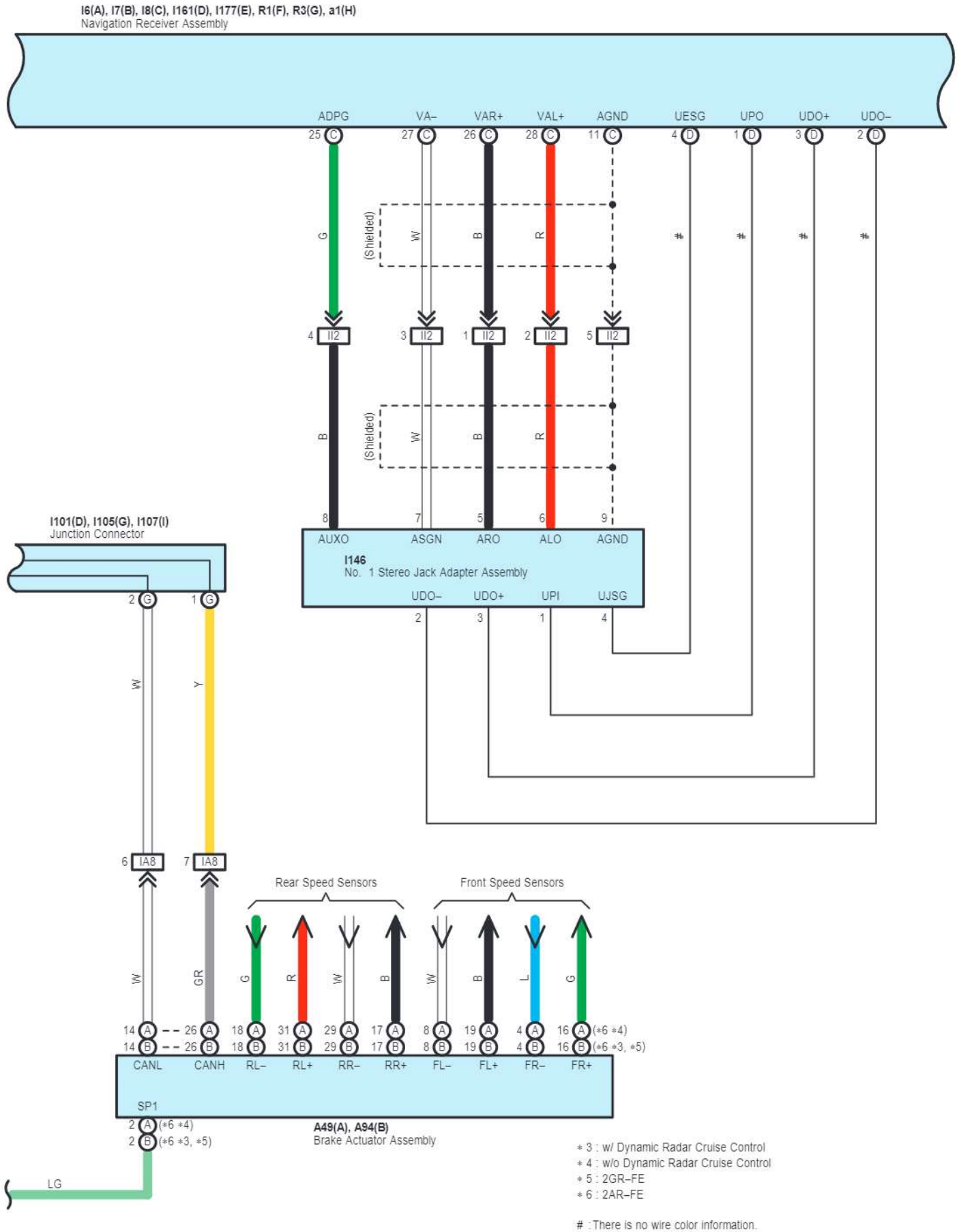

I6(A), I7(B), I8(C), I161(D), I177(E), R1(F), R3(G), a1(H)
Navigation Receiver Assembly
TX1+
TX1–
RL+
RL–
MUT1
FR+
FR–
FL+
FL–
GR
G
(Shielded)
R
G
L
(Shielded)
R
G
B
W
TX+
TX–
II1+
II1–
SLD1
MUTE
R+
R–
L+
L–
SLD
I68(A), I69(B)
Stereo Component Amplifier Assembly
TMUT
FR+
FR–
GND
FL+
FL–
R
(*1)
Y
(*1)
LG
(*2)
LG
(*1)
P
(*1)
L
(*2)
L
(*1)
W–B
P
Y
KI1
JI1
J5
Front No. 1
Speaker Assembly RH
K5
Front No. 1
Speaker Assembly LH
I6

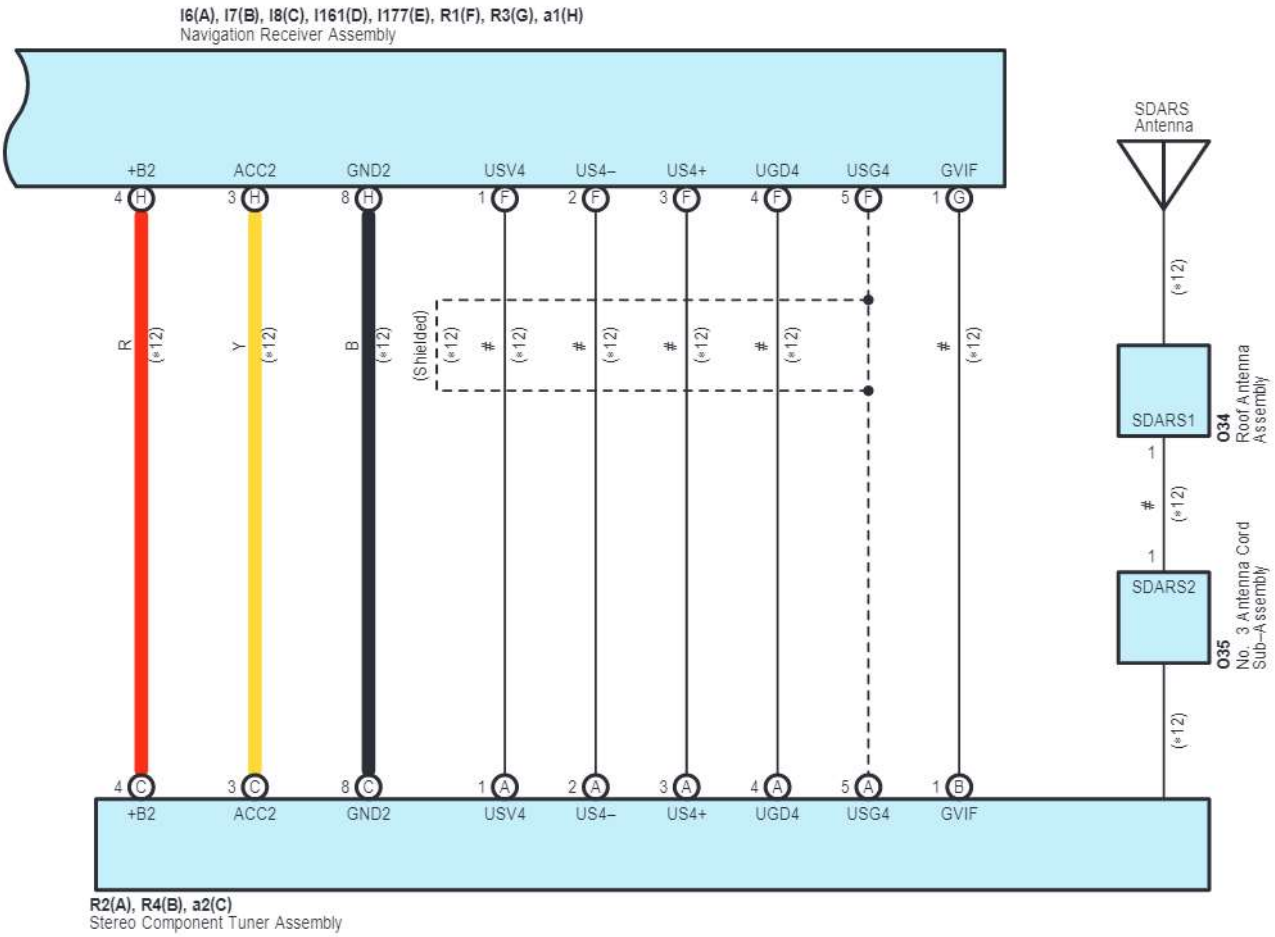

I6(A), I7(B), I8(C), I161(D), I177(E), R1(F), R3(G), a1(H)
Navigation Receiver Assembly
GPS Antenna
Antenna


I68(A), I69(B)
Stereo Component Amplifier Assembly
TWL+
TWL–
TWR+
TWR–
CTR+
CTR–
14 A
29 A
12 A
27 A
13 A
28 A
P
V
LG
L
B
G
4
3
4
3
2
1
I2
Front No. 2 Speaker Assembly LH
I84
Front No. 2 Speaker Assembly RH
I60
Front No. 3 Speaker Assembly


I6(A), I7(B), I8(C), I161(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
1 IA4
19
17
18
I124
Junction
Connector
GR
GR
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)


I6(A), I7(B), I8(C), I161(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(D), I105(G), I107(I)
Junction
Connector
I93(A), I94(B)
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
I1
LG


I6(A), I7(B), I8(C), I161(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
W
B
R
(Shielded)
#
4 I12
3 I12
1 I12
2 I12
5 I12
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
I101(D), I105(G), I107(I)
Junction Connector
2 G
1 G
W
Y
6 IA8
7 IA8
Rear Speed Sensors
Front Speed Sensors
W
GR
G
R
W
B
W
B
L
G
14 A
14 B
26 A
26 B
18 A
18 B
31 A
31 B
29 A
29 B
17 A
17 B
8 A
8 B
19 A
19 B
4 A
4 B
16 A (*6 *4)
16 B (*6 *3, *5)
CANL
CANH
RL–
RL+
RR–
RR+
FL–
FL+
FR–
FR+
SP1
2 A (*6 *4)
2 B (*6 *3, *5)
LG
A49(A), A94(B)
Brake Actuator Assembly
* 3 : w/ Dynamic Radar Cruise Control
* 4 : w/o Dynamic Radar Cruise Control
* 5 : 2GR–FE
* 6 : 2AR–FE
: There is no wire color information.



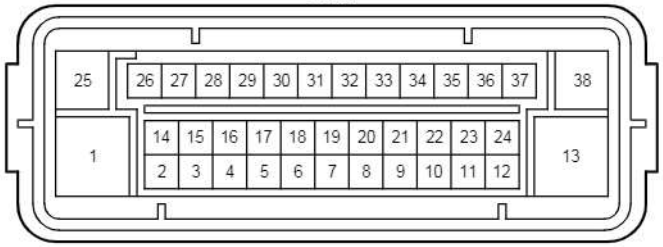
*12 : w/ SDARS

: There is no wire color information.

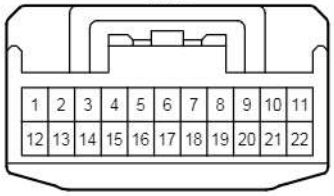
A 42
Black



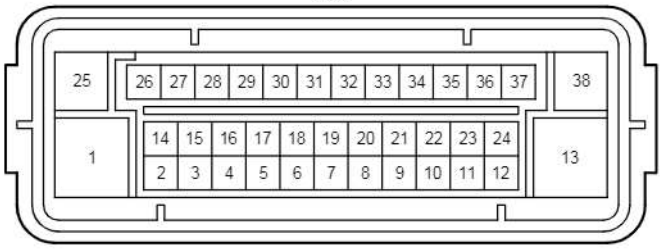
A 49
Black



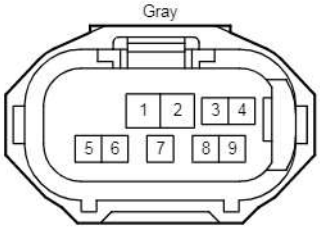
A 70
White



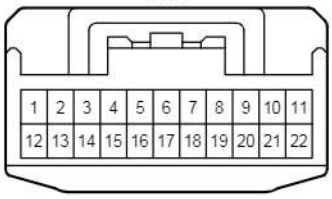
A 94
Black



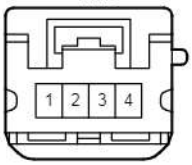
E 4
Gray



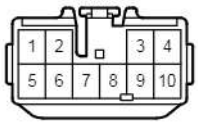
E 76
White



I 2
White



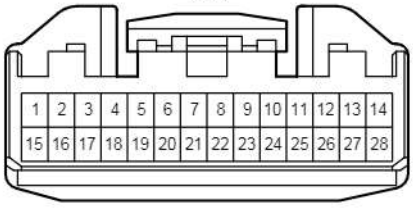
I 6
White



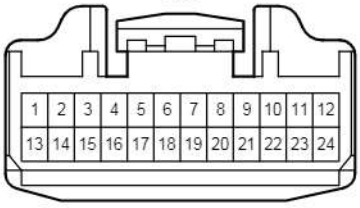
I 7
White



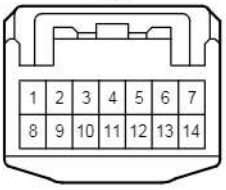
I 8
White



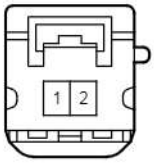
I 18
Black



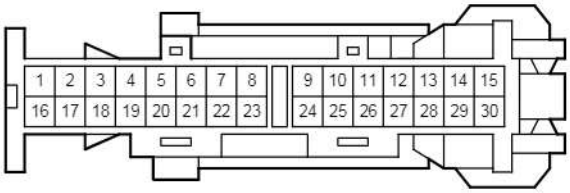
I 28
Black



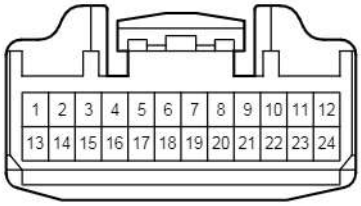
I 60
White



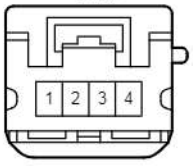
I 68
White



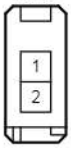
I 69
White



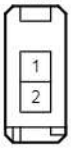
I 84
White



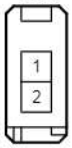
I 93
White



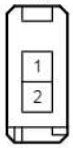
I 94
White



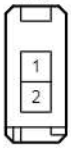
I101
White



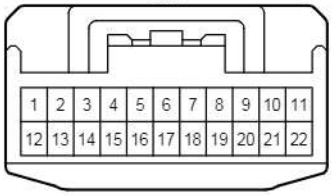
I105
White



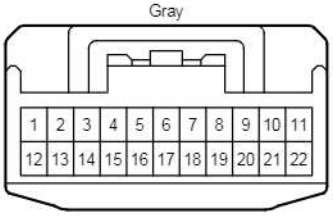
I107
White



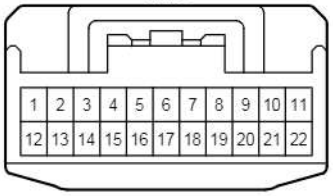
I124
White



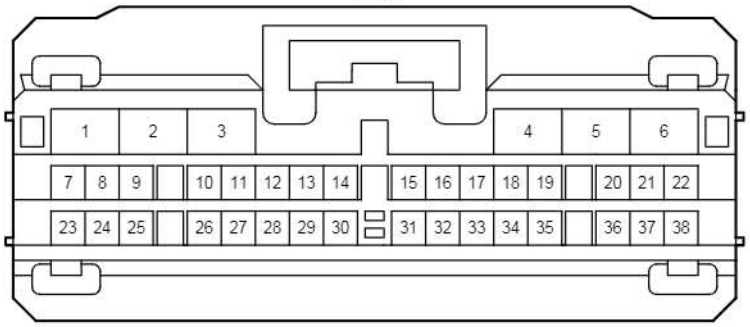
I125
Gray



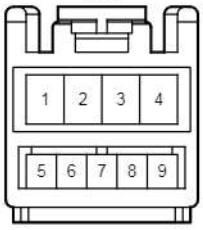
I126
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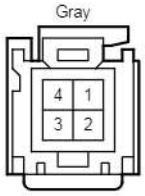
I135
White



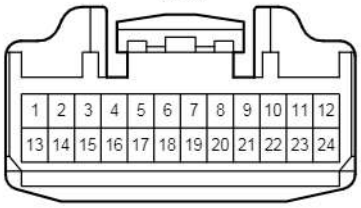
I146
Black



I161
Gray



I177
White



I188
Gray



I189
Gray



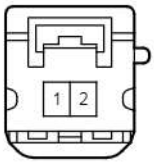
J 5
Black



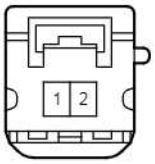
K 5
Black



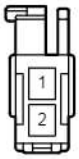
O 19
White



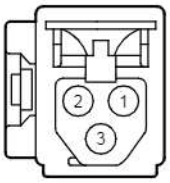
O 20
White



O 22
Black



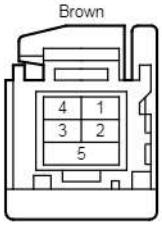
O 34
Blue



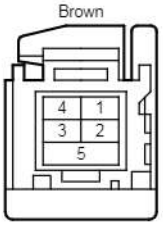
O 35
Gray



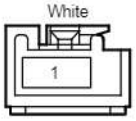
R 1
Brown



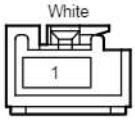
R 2
Brown



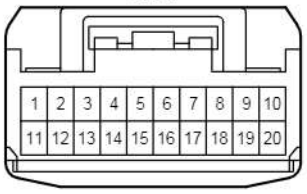
R 3
White



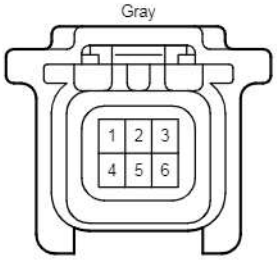
R 4
White



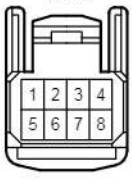
S 12
Black



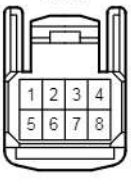
T 6
Gray



a 1
White



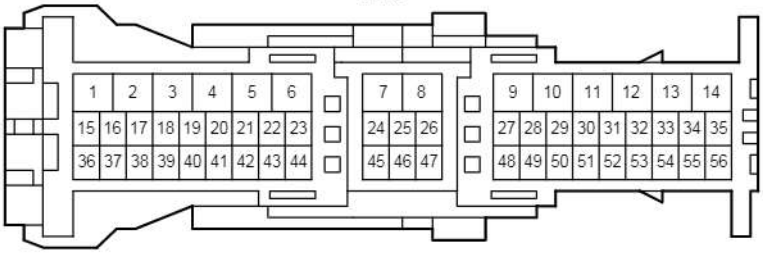
a 2
White



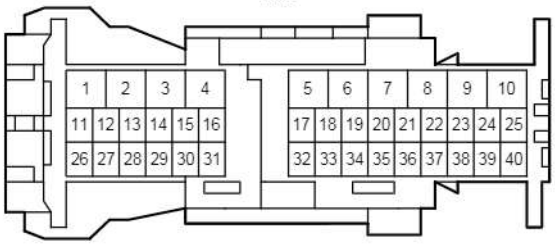
z 3
Black



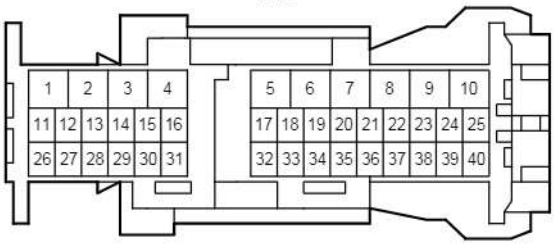
3A
White



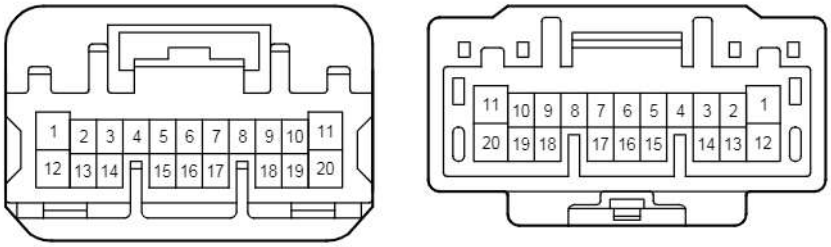
3B
White



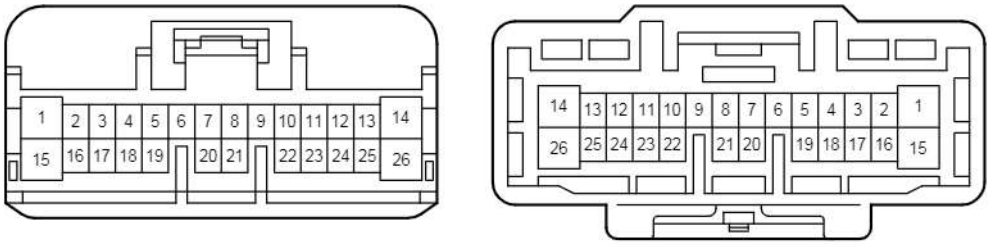
3D
White



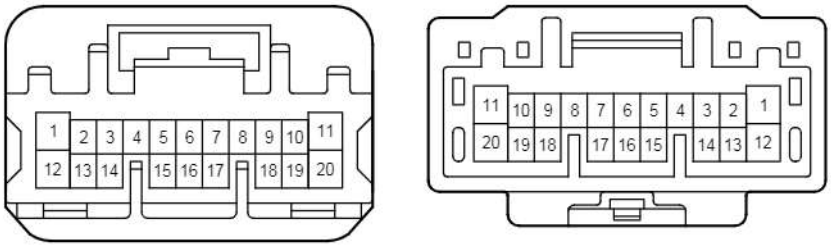
EA2
White



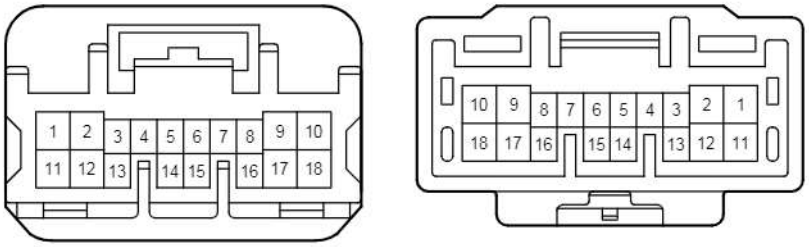
IA3
Blue



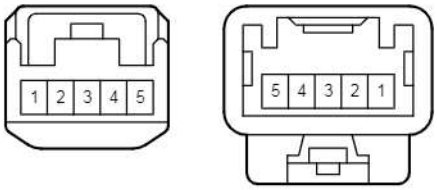
IA4
Gray



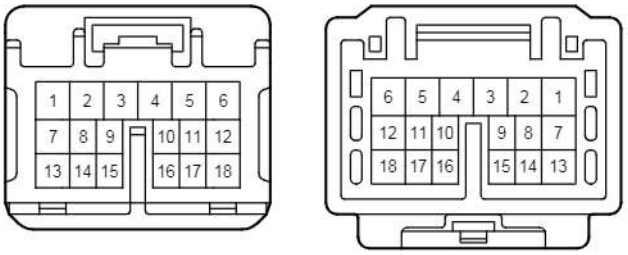
IA8
Gray



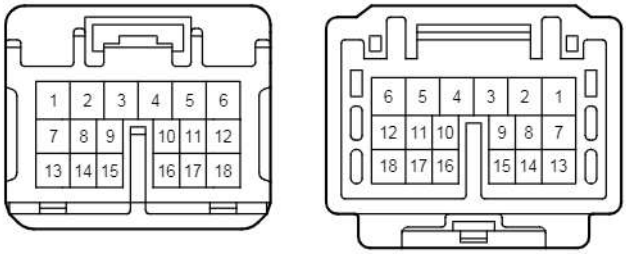
II2
White



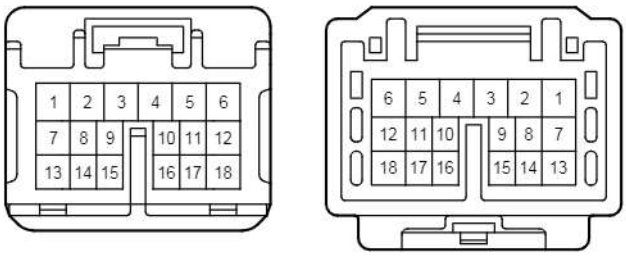
IS1
White

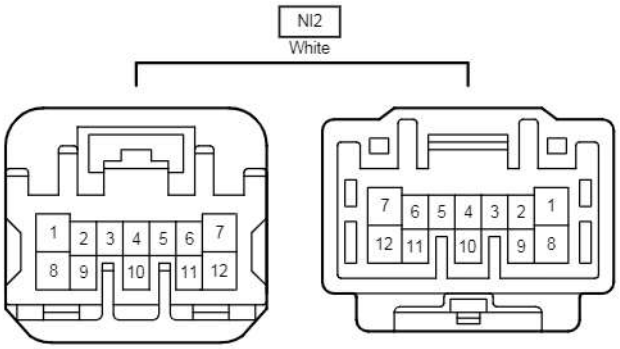


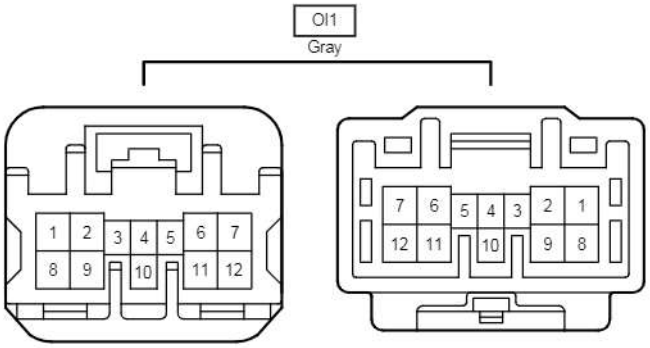
JI1
Gray

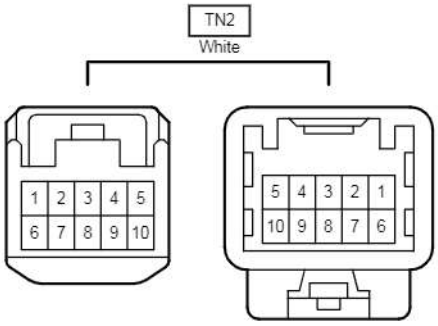


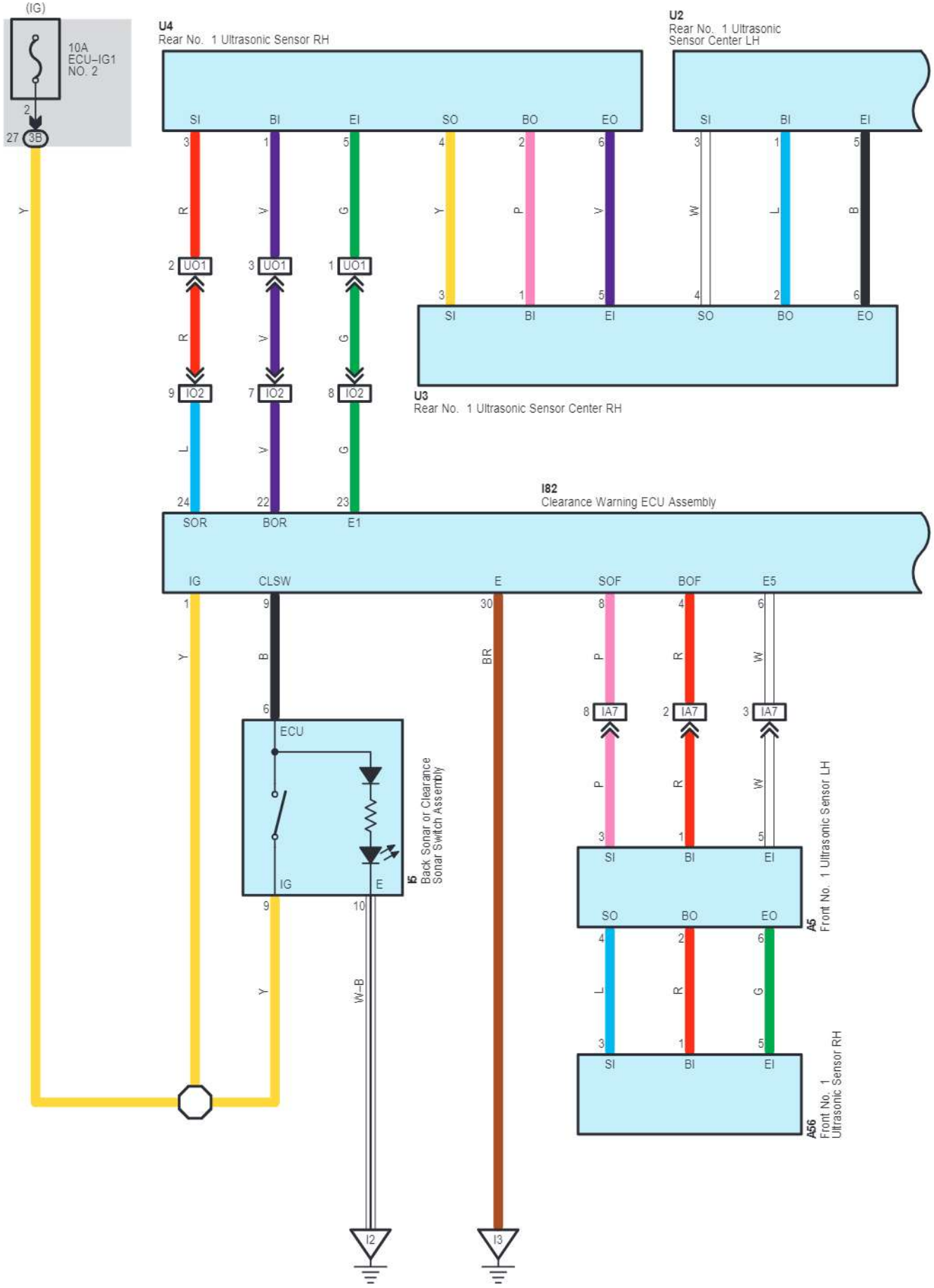
KI1
White

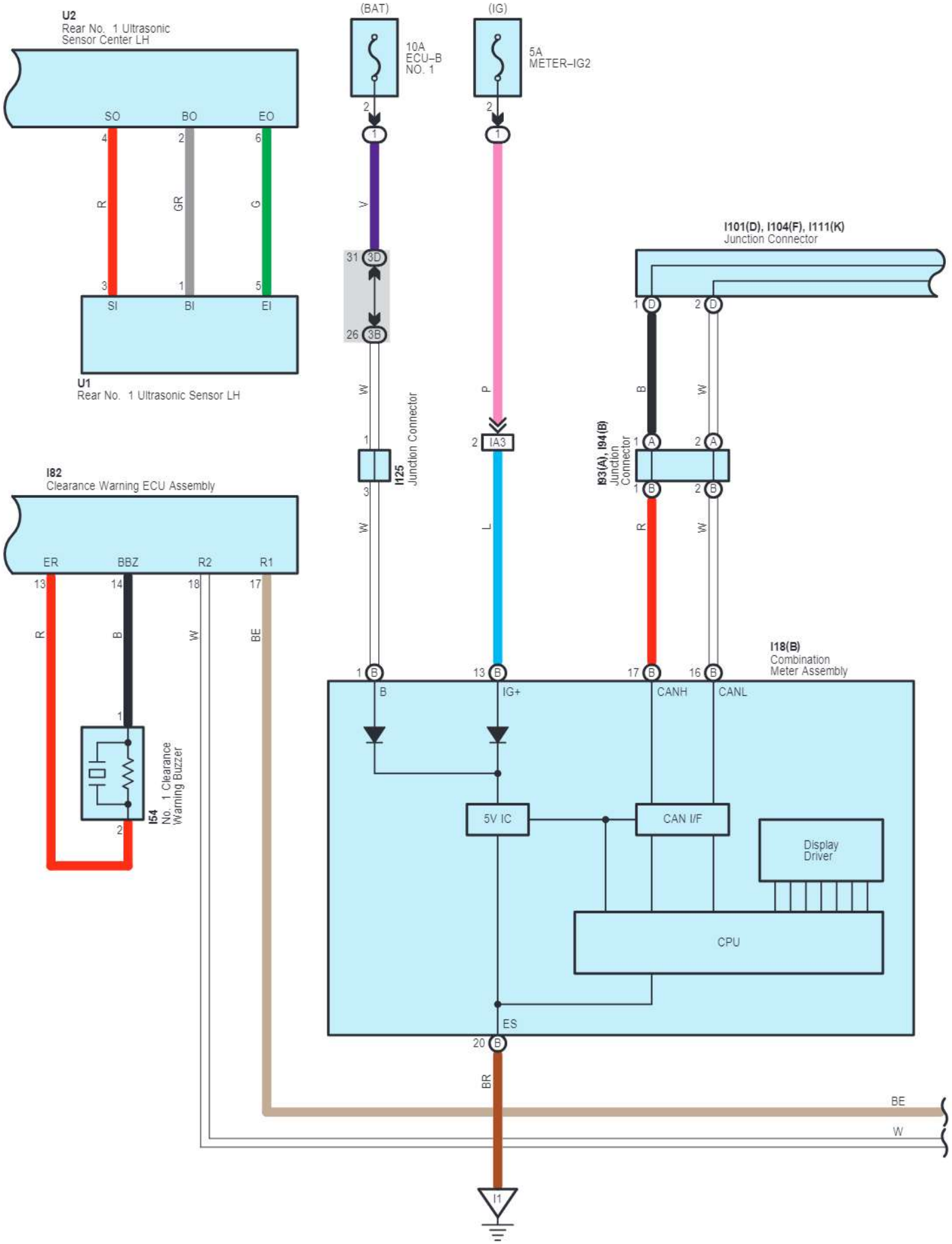


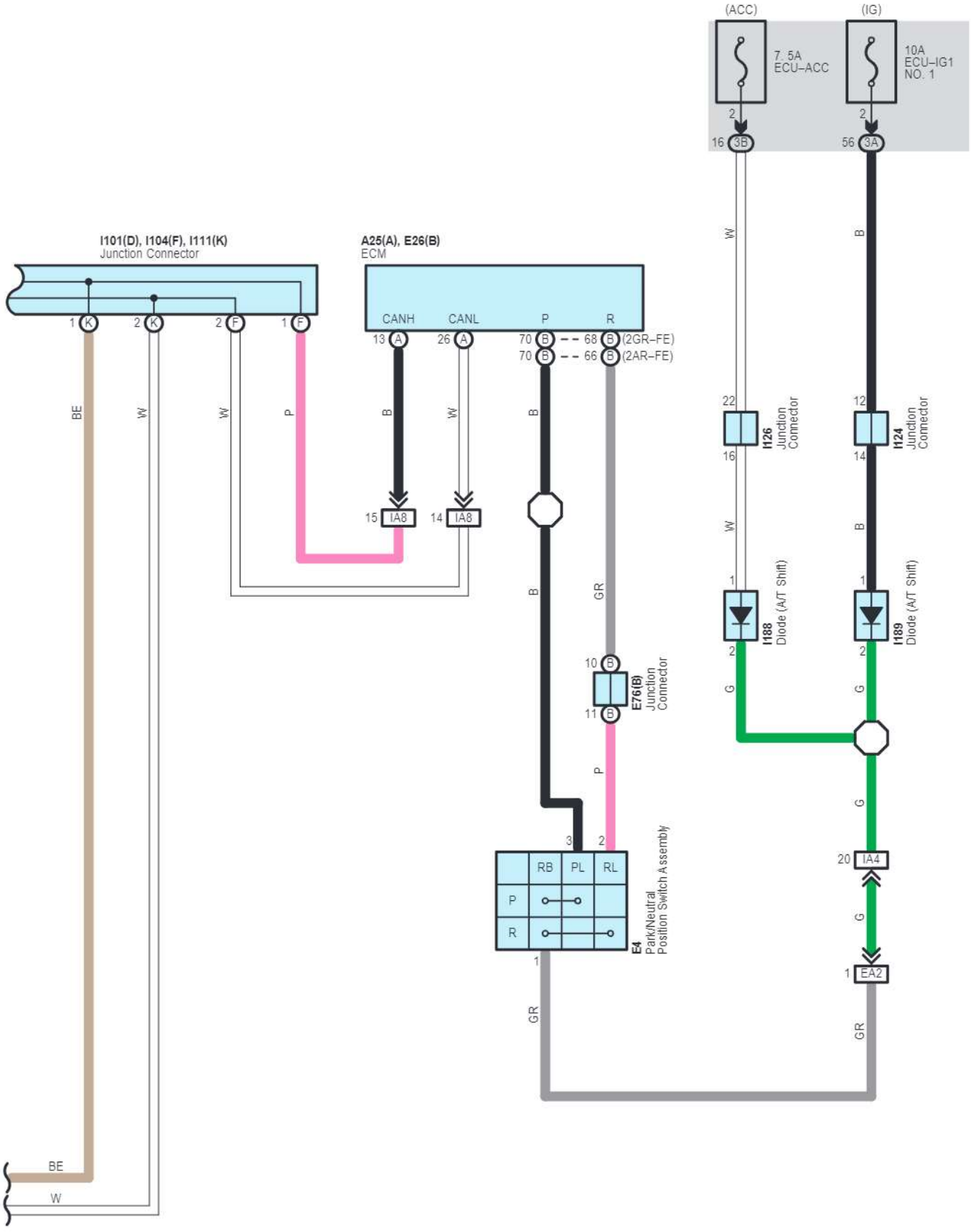

NI2
White
1 2 3 4 5 6 7
8 9 10 11 12
7 6 5 4 3 2 1
12 11 10 9 8


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

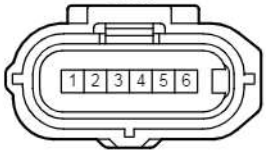

TN2
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6


(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
SI BI EI SO BO EO
3 1 5 4 2 6
U3
Rear No. 1 Ultrasonic Sensor Center RH
I82
Clearance Warning ECU Assembly
IG CLSW E SOF BOF E5
1 9 30 8 4 6
Y B BR P R W
6 8 IA7 2 IA7 3 IA7
ECU
IG E
9 10
Y W-B
I5
Back Sonar or Clearance
Sonar Switch Assembly
P R W
3 1 5
SI BI EI
SO BO EO
4 2 6
L R G
3 1 5
SI BI EI
A5
Front No. 1 Ultrasonic Sensor LH
A56
Front No. 1
Ultrasonic Sensor RH
I2
I3

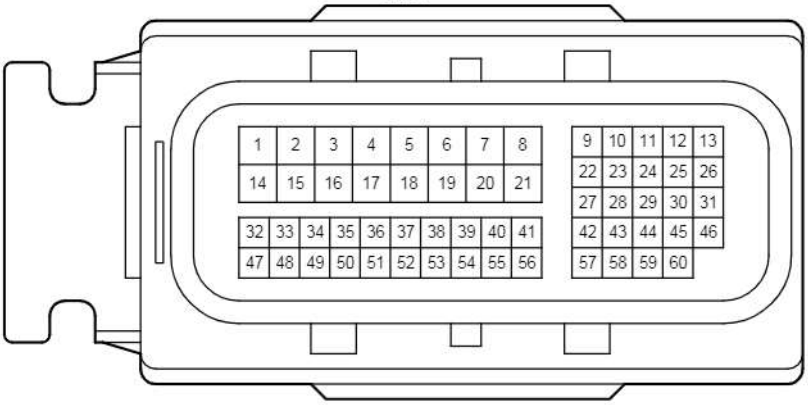

U2
Rear No. 1 Ultrasonic Sensor Center LH
SO
BO
EO
4
2
6
R
GR
G
3
1
5
SI
BI
EI
U1
Rear No. 1 Ultrasonic Sensor LH
(BAT)
10A
ECU–B
NO. 1
(IG)
5A
METER–IG2
2
1
V
31
3D
26
3B
W
P
1
2
IA3
I125
Junction Connector
3
W
L
I101(D), I104(F), I111(K)
Junction Connector
1
D
2
D
B
W
I93(A), I94(B)
Junction
Connector
1
A
2
A
1
B
2
B
R
W
I82
Clearance Warning ECU Assembly
ER
BBZ
R2
R1
13
14
18
17
R
B
W
BE
1
2
I54
No. 1 Clearance
Warning Buzzer
I18(B)
Combination
Meter Assembly
1
B
13
B
17
B
16
B
B
IG+
CANH
CANL
5V IC
CAN I/F
Display
Driver
CPU
ES
20
B
BR
BE
W
I1


(ACC)
(IG)
7. 5A
ECU–ACC
10A
ECU–IG1
NO. 1
2
16 3B
56 3A
W
B
I101(D), I104(F), I111(K)
Junction Connector
A25(A), E26(B)
ECM
CANH
CANL
P
R
13 A
26 A
70 B
68 B
(2GR–FE)
70 B
66 B
(2AR–FE)
1 K
2 K
2 F
1 F
BE
W
W
P
B
W
B
22
16
I126
Junction
Connector
12
14
I124
Junction
Connector
15 IA8
14 IA8
W
B
1
2
I188
Diode (A/T Shift)
1
2
I189
Diode (A/T Shift)
B
GR
G
G
10 B
11 B
E76(B)
Junction
Connector
P
3
2
RB
PL
RL
P
R
E4
Park/Neutral
Position Switch Assembly
1
20 IA4
G
1 EA2
GR
GR
BE
W

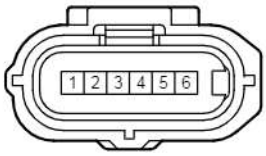
A 5
Black



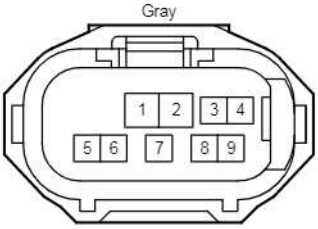
A 25
Black



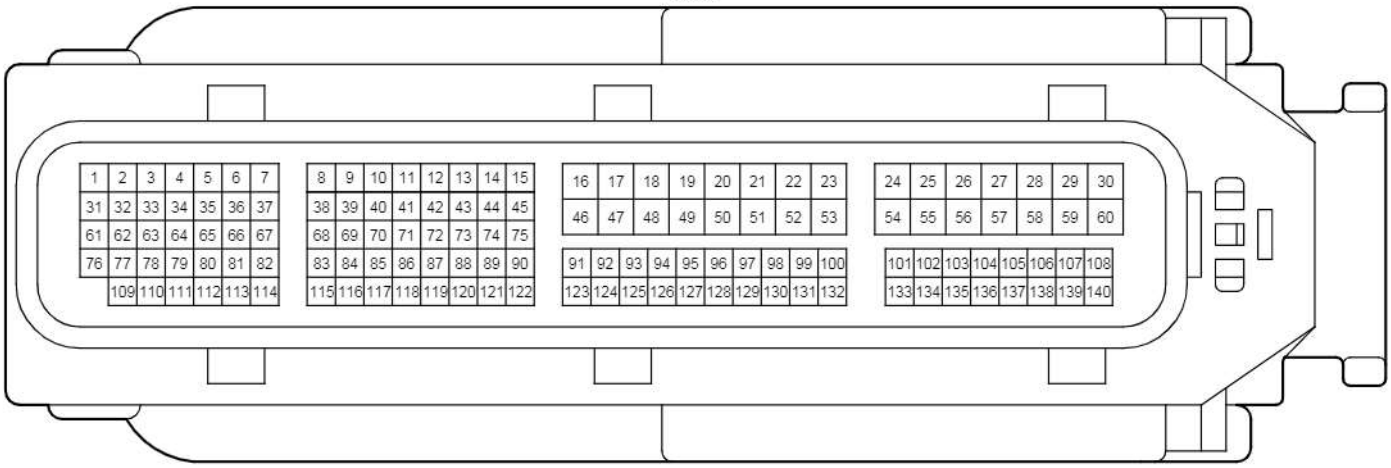
A 56
Black



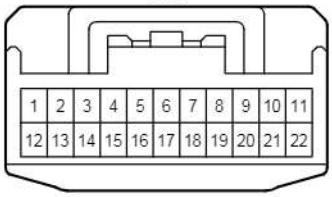
E 4
Gray



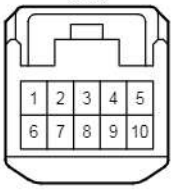
E 26
Black



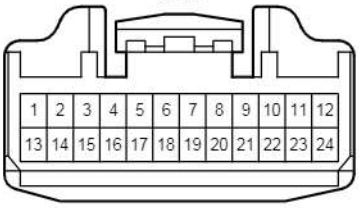
E 76
White



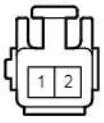
I 5
Black



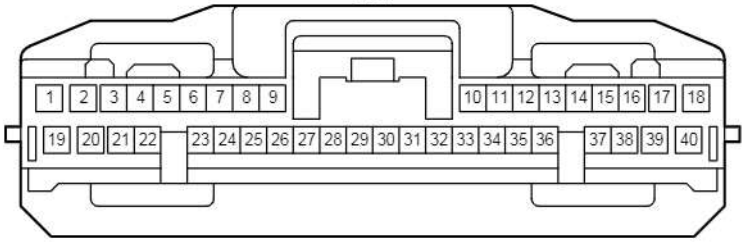
I 18
Black



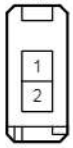
I 54
Black



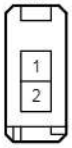
I 82
Black



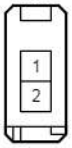
I 93
White



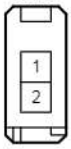
I 94
White



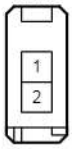
I101
White



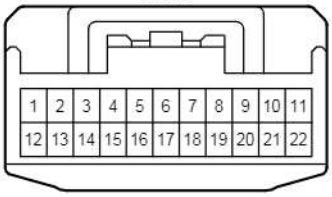
I104
White



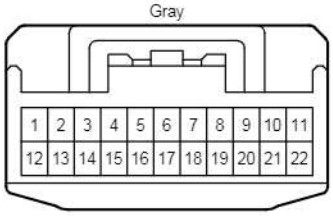
I111
White



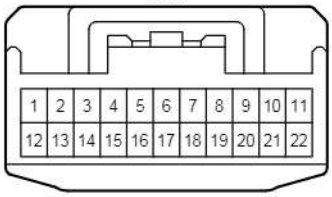
I124
White



I125
Gray



I126
White



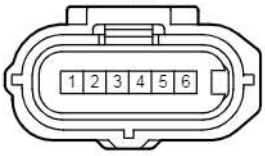
I188
Gray



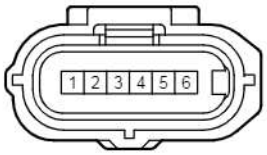
I189
Gray



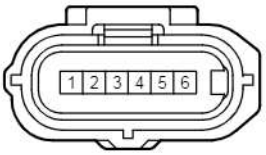
U 1
Black



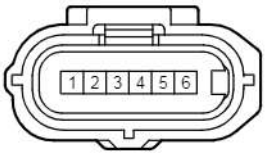
U 2
Black



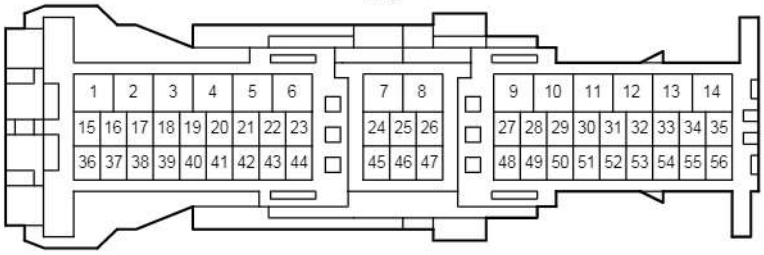
U 3
Black



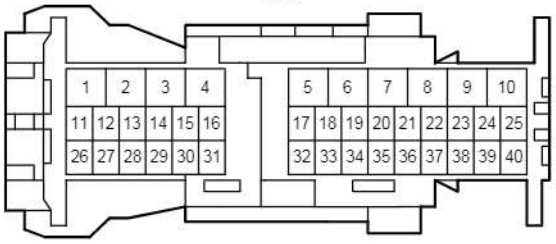
U 4
Black



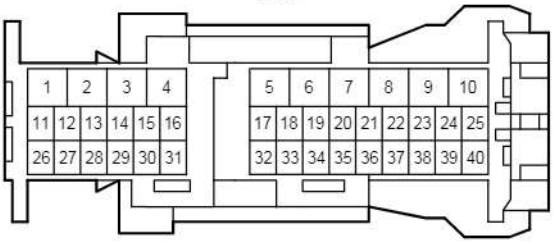
3A
White



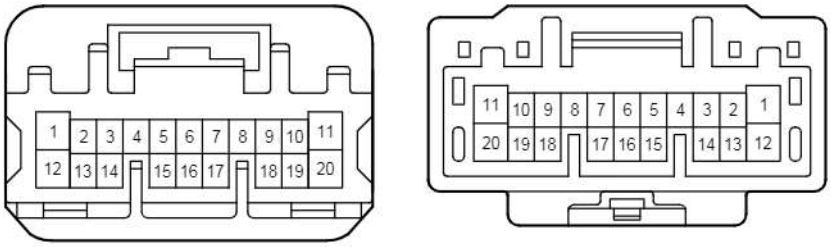
3B
White



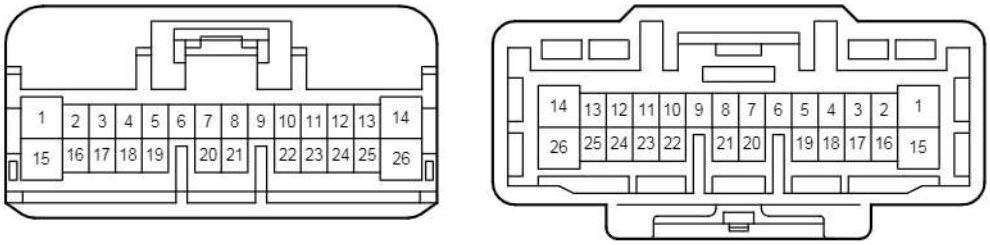
3D
White



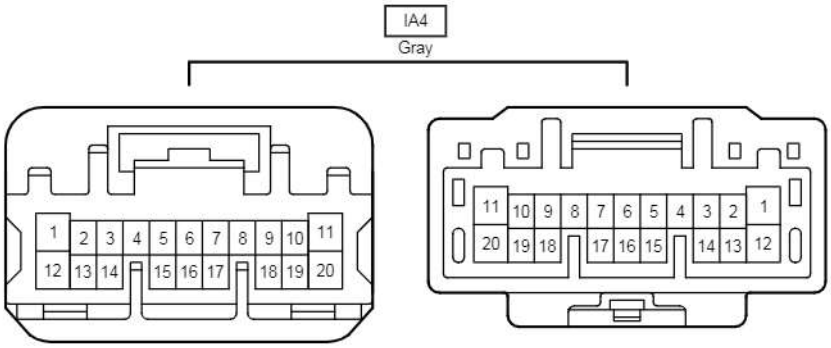
EA2
White



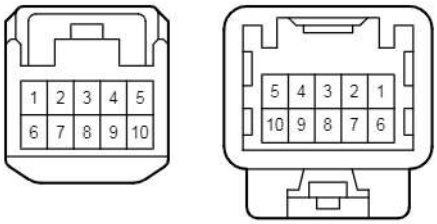
IA3
Blue



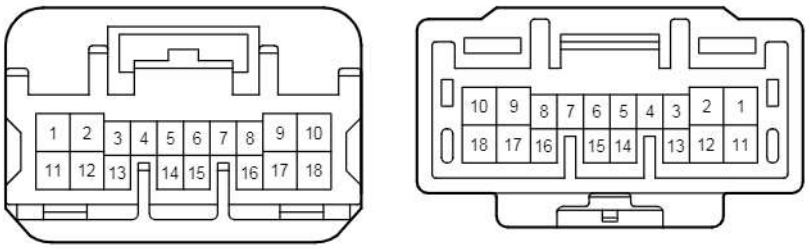
IA4
Gray

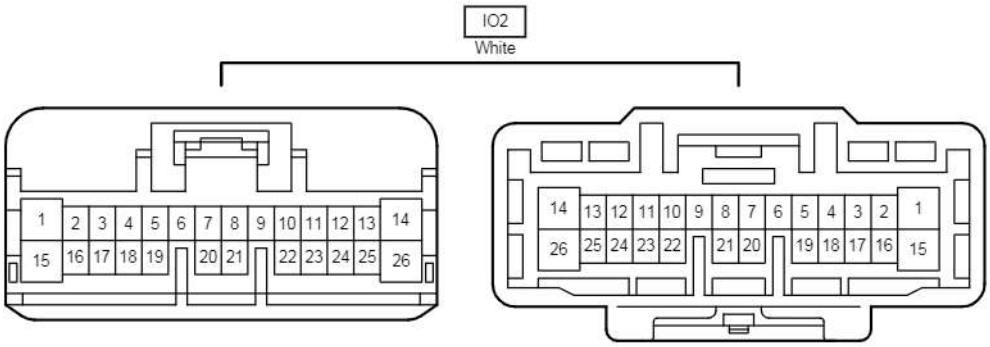


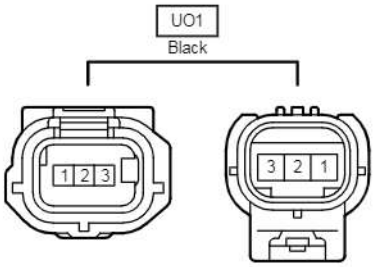
IA7
Gray

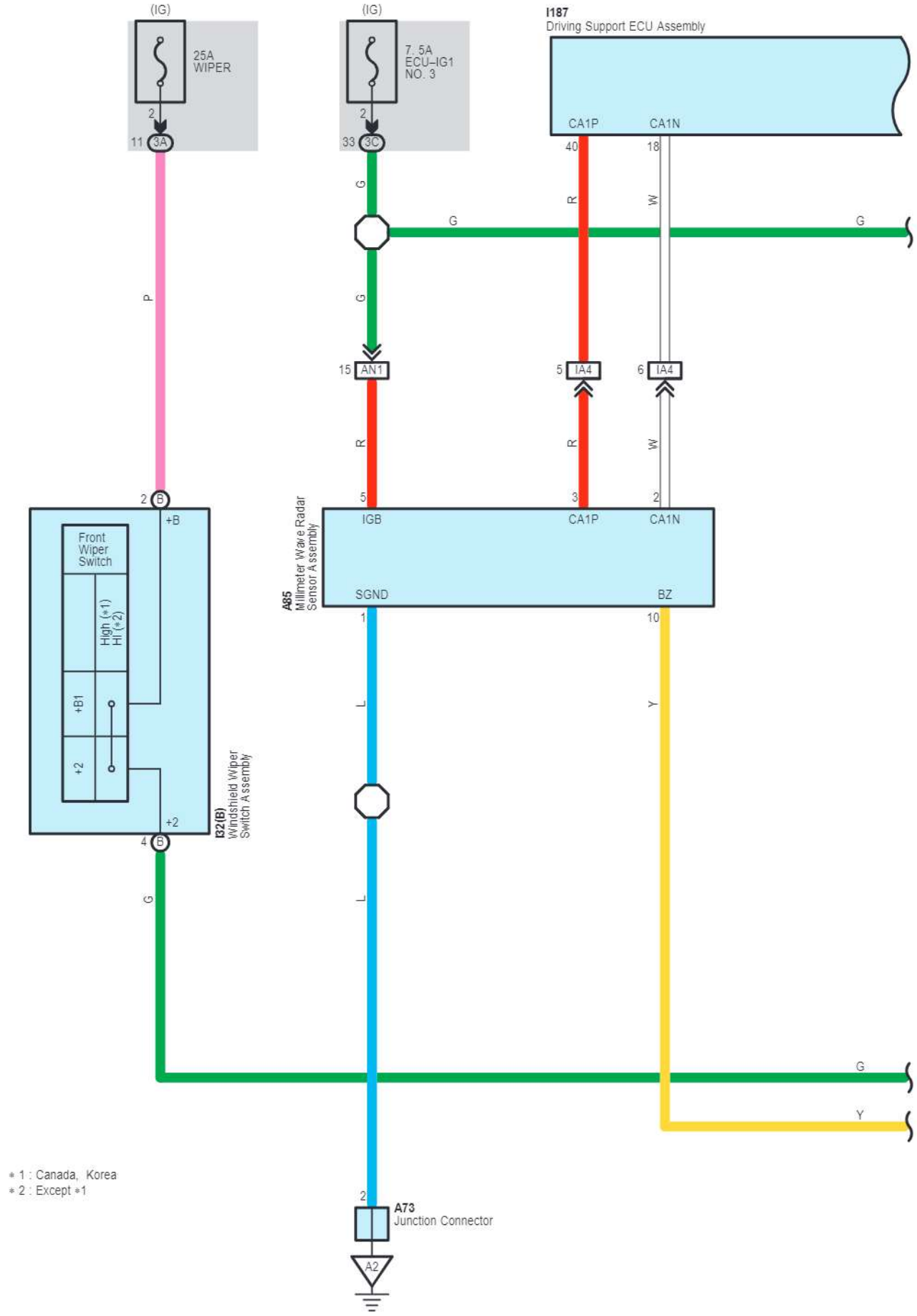


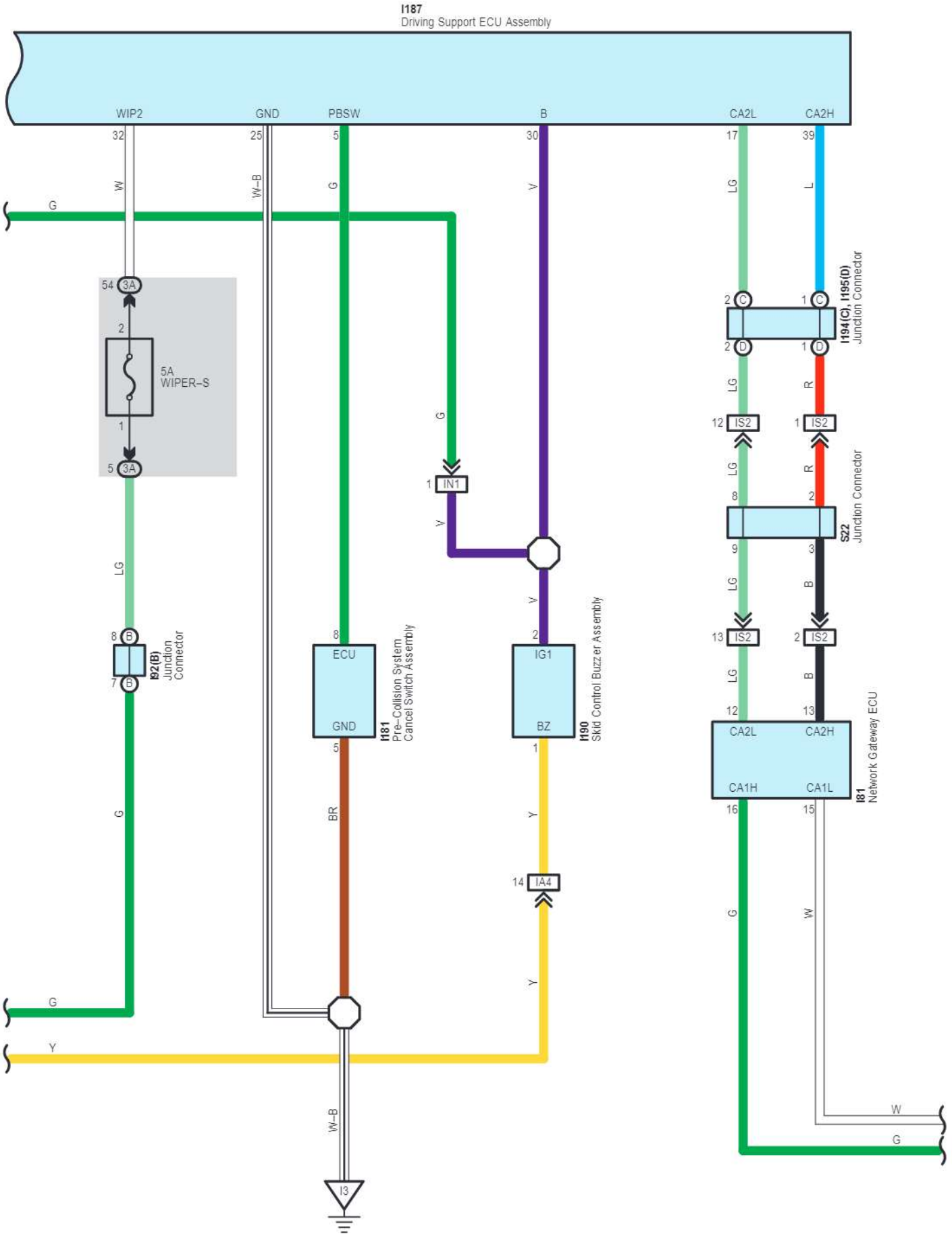
IA8
Gray

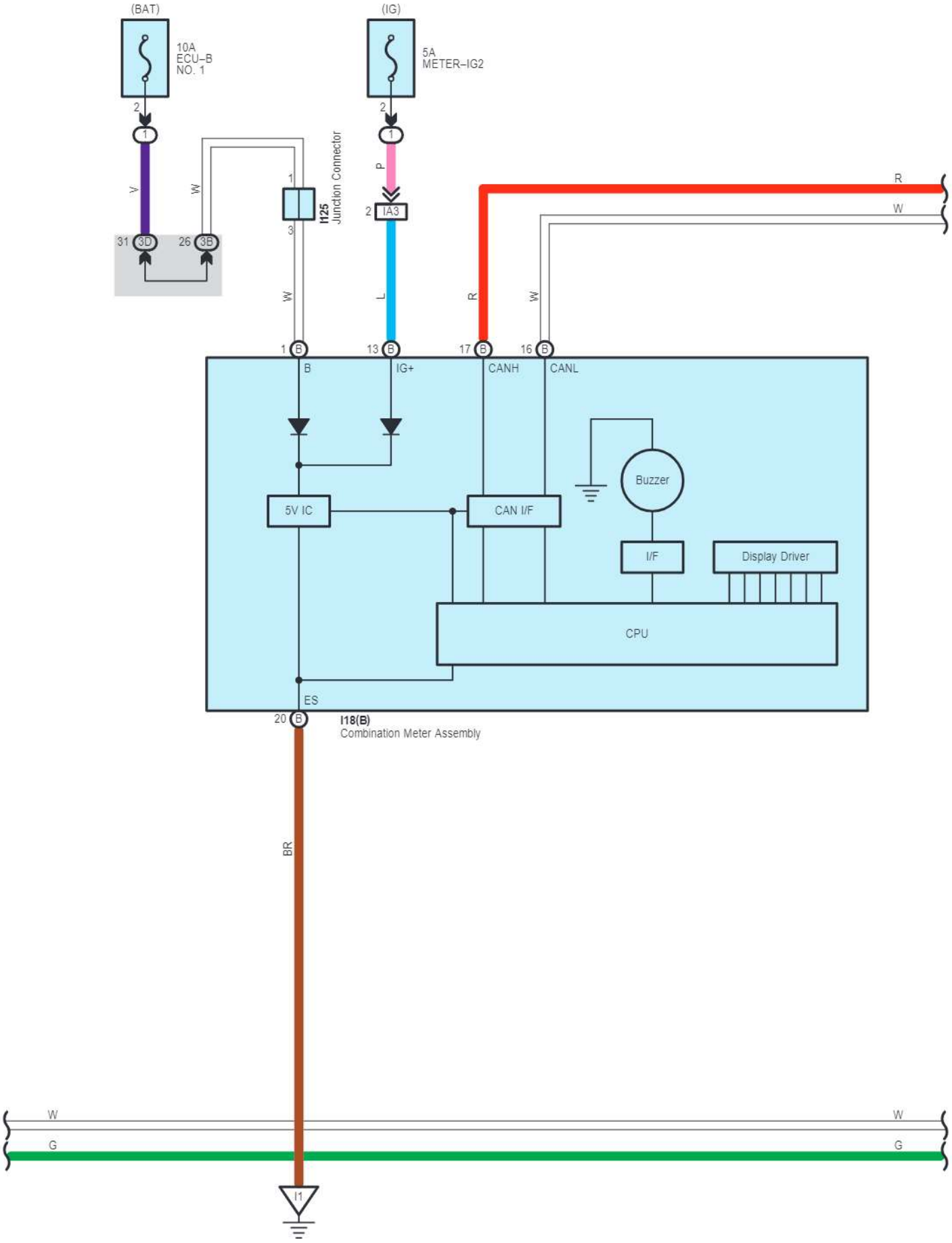


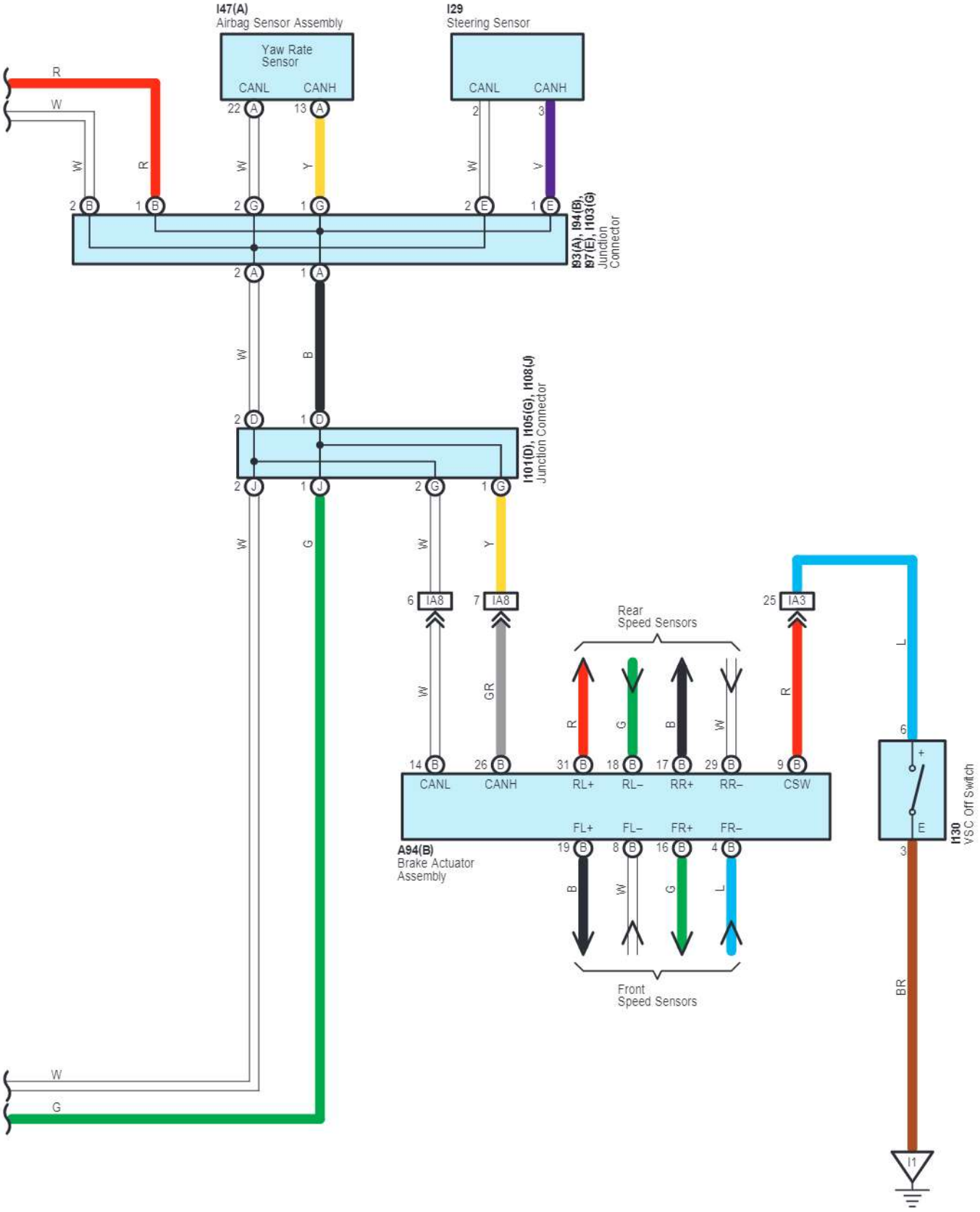

IO2
White
1 2 3 4 5 6 7 8 9 10 11 12 13 14
15 16 17 18 19 20 21 22 23 24 25 26
14 13 12 11 10 9 8 7 6 5 4 3 2 1
26 25 24 23 22 21 20 19 18 17 16 15


UO1
Black
1 2 3
3 2 1


(IG)
25A
WIPER
2
11 3A
(IG)
7.5A
ECU–IG1
NO. 3
2
33 3C
I187
Driving Support ECU Assembly
CA1P
CA1N
40
18
G
R
W
G
G
P
15 AN1
5 IA4
6 IA4
R
R
W
5
3
2
2 B
+B
Front
Wiper
Switch
High (*1)
HI (*2)
+B1
+2
+2
4 B
I32(B)
Windshield Wiper
Switch Assembly
A85
Millimeter Wave Radar
Sensor Assembly
IGB
CA1P
CA1N
SGND
BZ
1
10
L
Y
G
L
G
Y
2
A73
Junction Connector
A2
* 1 : Canada, Korea
* 2 : Except *1


I187
Driving Support ECU Assembly
WIP2
GND
PBSW
B
CA2L
CA2H
32
25
5
30
17
39
W
W–B
G
V
LG
L
G
54 3A
2
5A
WIPER–S
1
5 3A
LG
8 B
7 B
B2(B)
Junction
Connector
G
G
Y
W–B
I3
8
ECU
GND
I181
Pre–Collision System
Cancel Switch Assembly
5
BR
1 IN1
V
V
2
IG1
BZ
I190
Skid Control Buzzer Assembly
1
Y
14 1A4
Y
2 C
1 C
2 D
1 D
I194(C), I195(D)
Junction Connector
LG
R
12 IS2
1 IS2
LG
R
8
2
S22
Junction Connector
9
3
LG
B
13 IS2
2 IS2
LG
B
12
13
CA2L
CA2H
CA1H
CA1L
16
15
I81
Network Gateway ECU
G
W
W
G


(BAT)
10A
ECU–B
NO. 1
(IG)
5A
METER–IG2
I125
Junction Connector
IA3
31 3D
26 3B
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
I1


I47(A)
Airbag Sensor Assembly
Yaw Rate Sensor
CANL
CANH
I29
Steering Sensor
I93(A), I94(B), I97(E), I103(G) Junction Connector
I101(D), I105(G), I108(J) Junction Connector
IA8
IA3
Rear Speed Sensors
Front Speed Sensors
A94(B)
Brake Actuator Assembly
RL+
RL−
RR+
RR−
FL+
FL−
FR+
FR−
CSW
I130
VSC Off Switch
I1

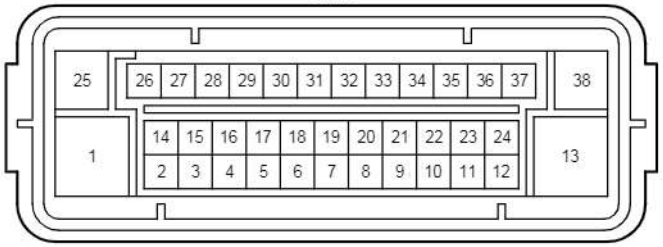
A 73
Gray



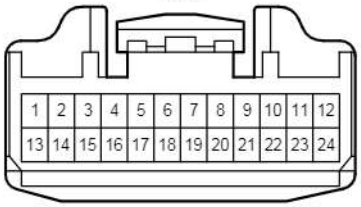
A 85
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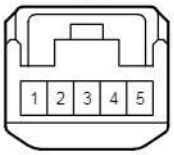
A 94
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I 18
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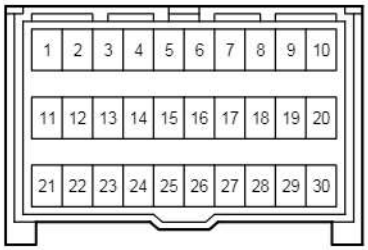
I 29
Blue



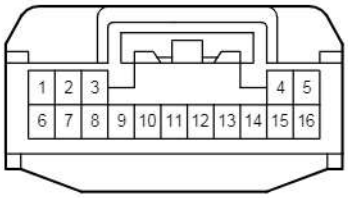
I 32
White



I 47
Yellow



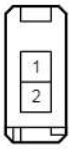
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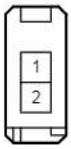
I 92
Gray



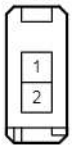
I 93
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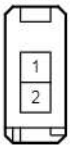
I 94
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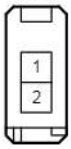
I 97
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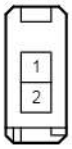
I101
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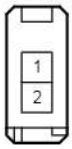
I103
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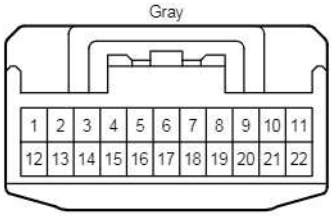
I105
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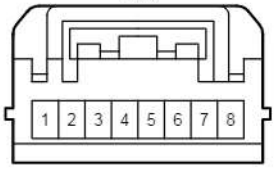
I108
White



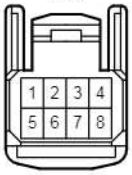
I125
Gray



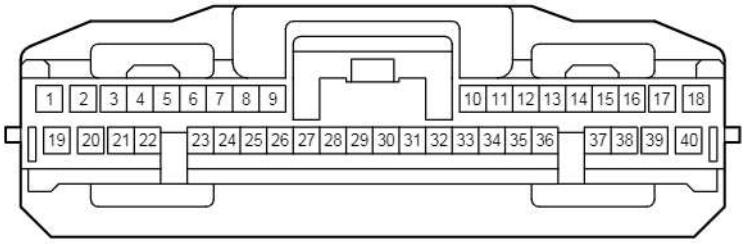
I130
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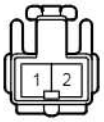
I181
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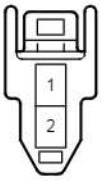
I187
White



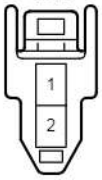
I190
Blue



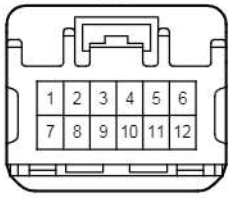
I194
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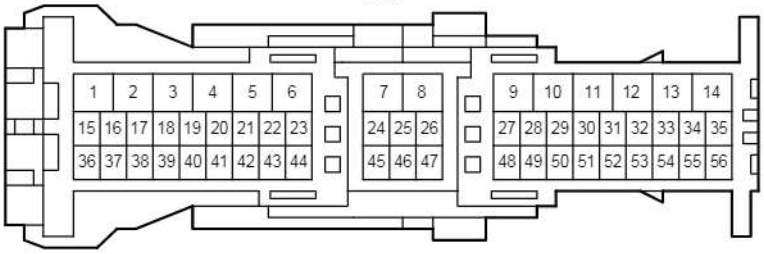
I195
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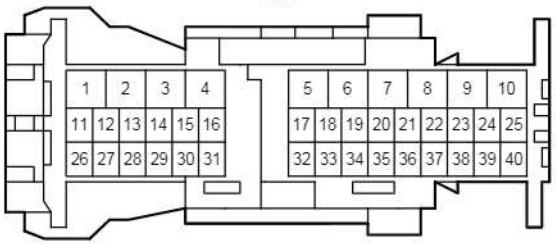
S 22
White



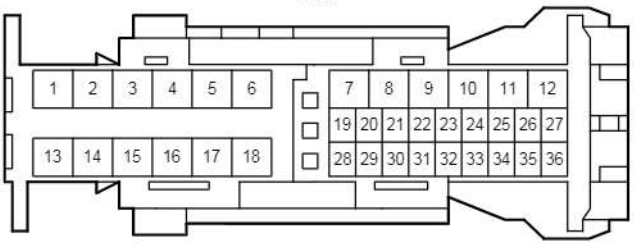
3A
White



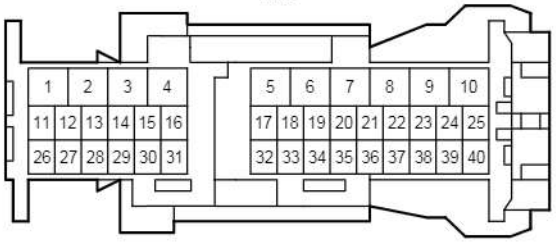
3B
White



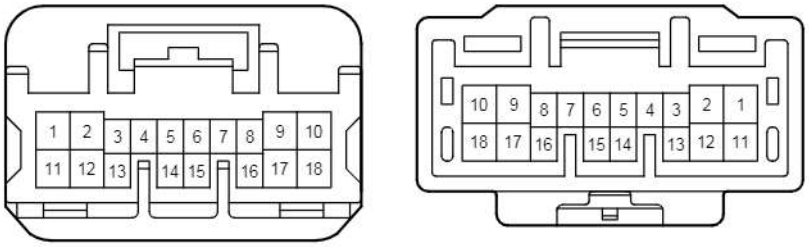
3C
White



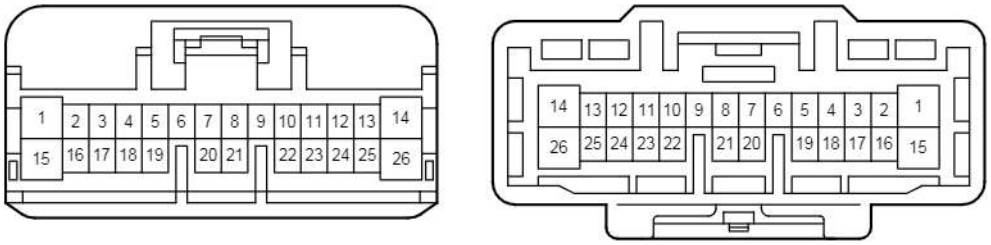
3D
White



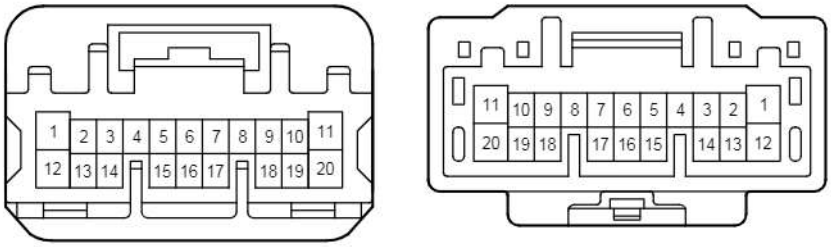
AN1
White



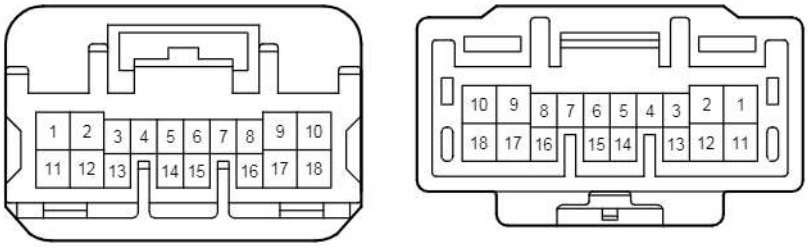
IA3
Blue



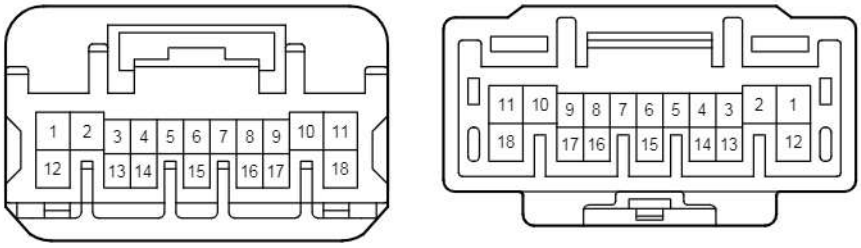
IA4
Gray



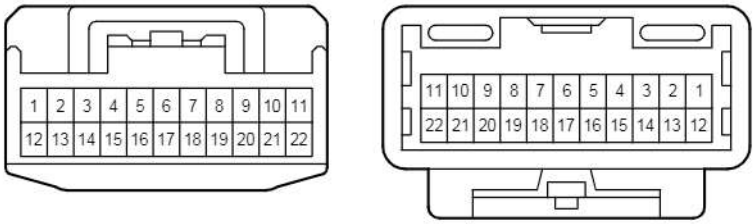
IA8
Gray

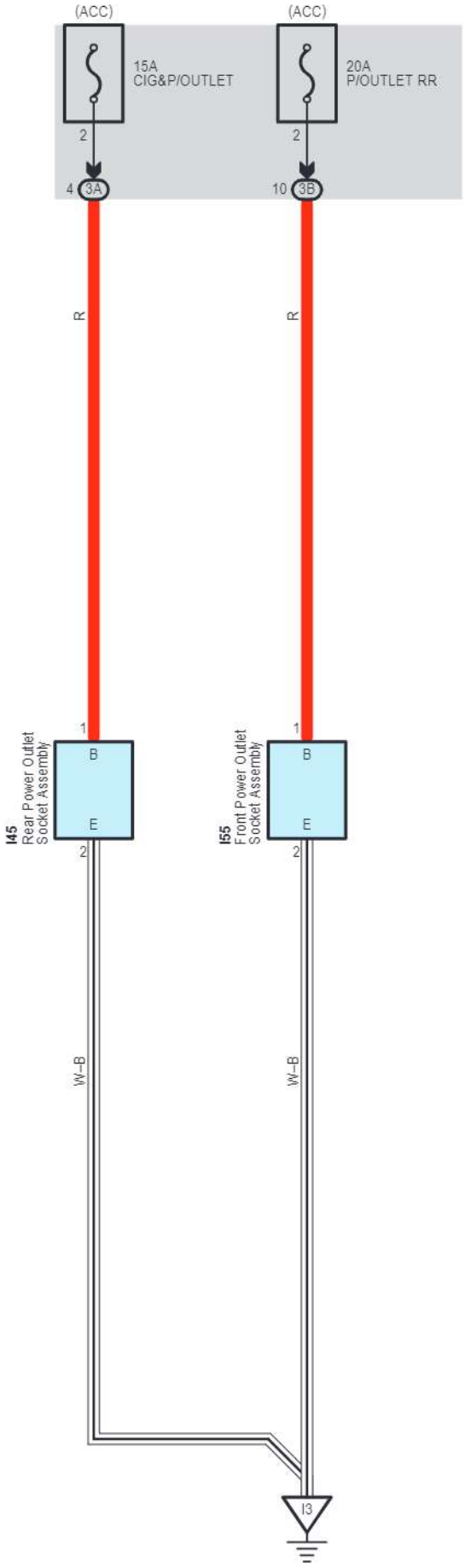


IN1
White

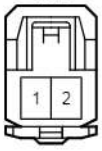


IS2
White

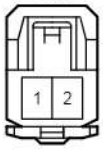



(ACC)
(ACC)
15A
CIG&P/OUTLET
20A
P/OUTLET RR
2
2
4
3A
10
3B
R
R
1
1
B
E
B
E
I45
Rear Power Outlet
Socket Assembly
I55
Front Power Outlet
Socket Assembly
2
2
W-B
W-B
I3

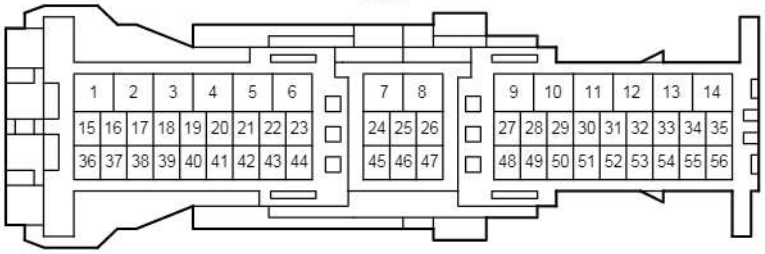
I 45
White



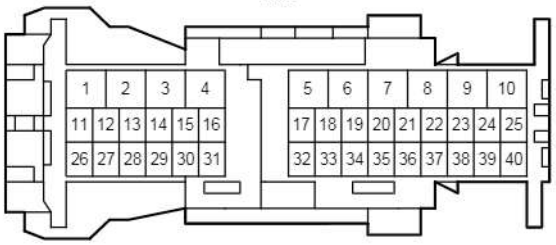
I 55
White

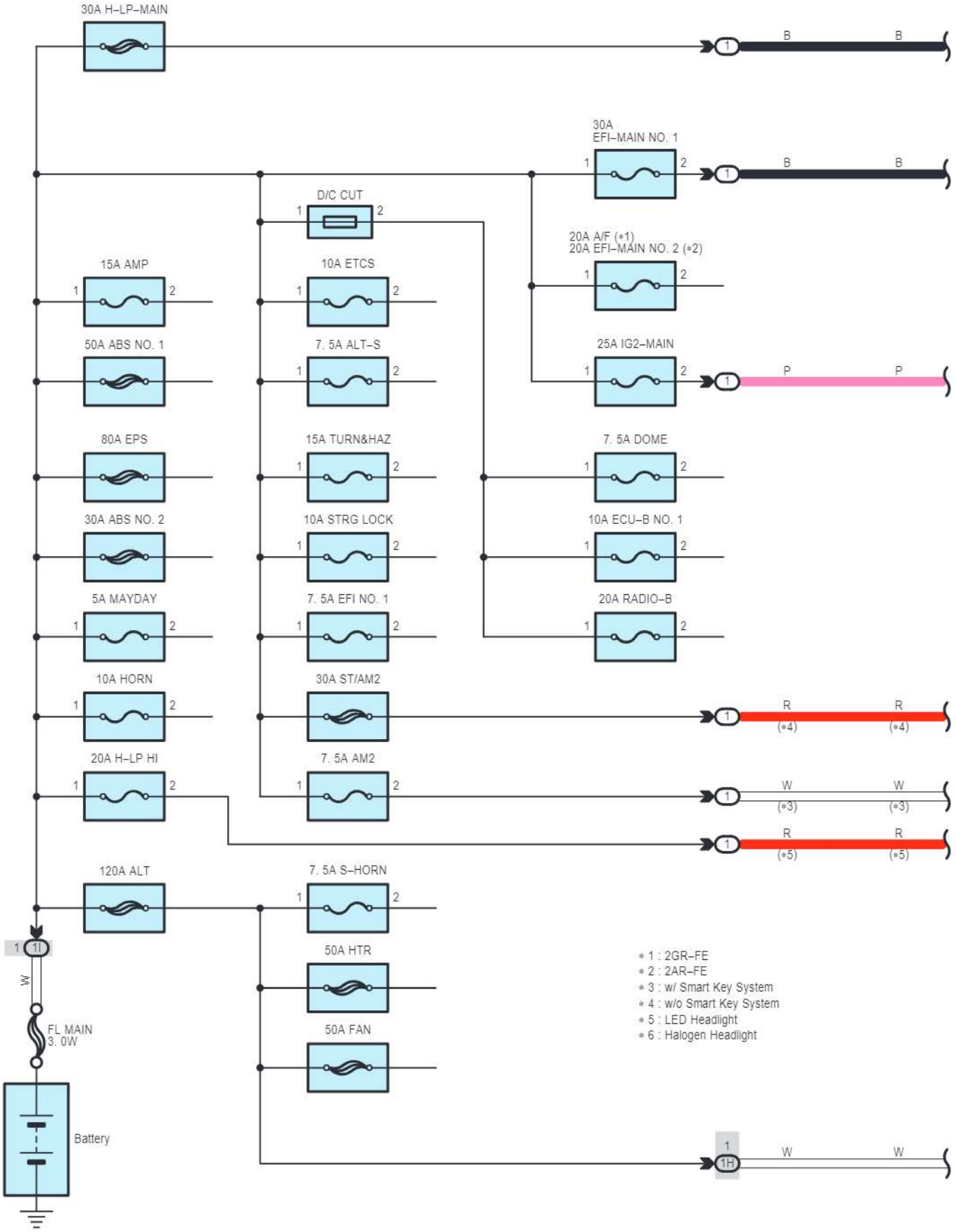


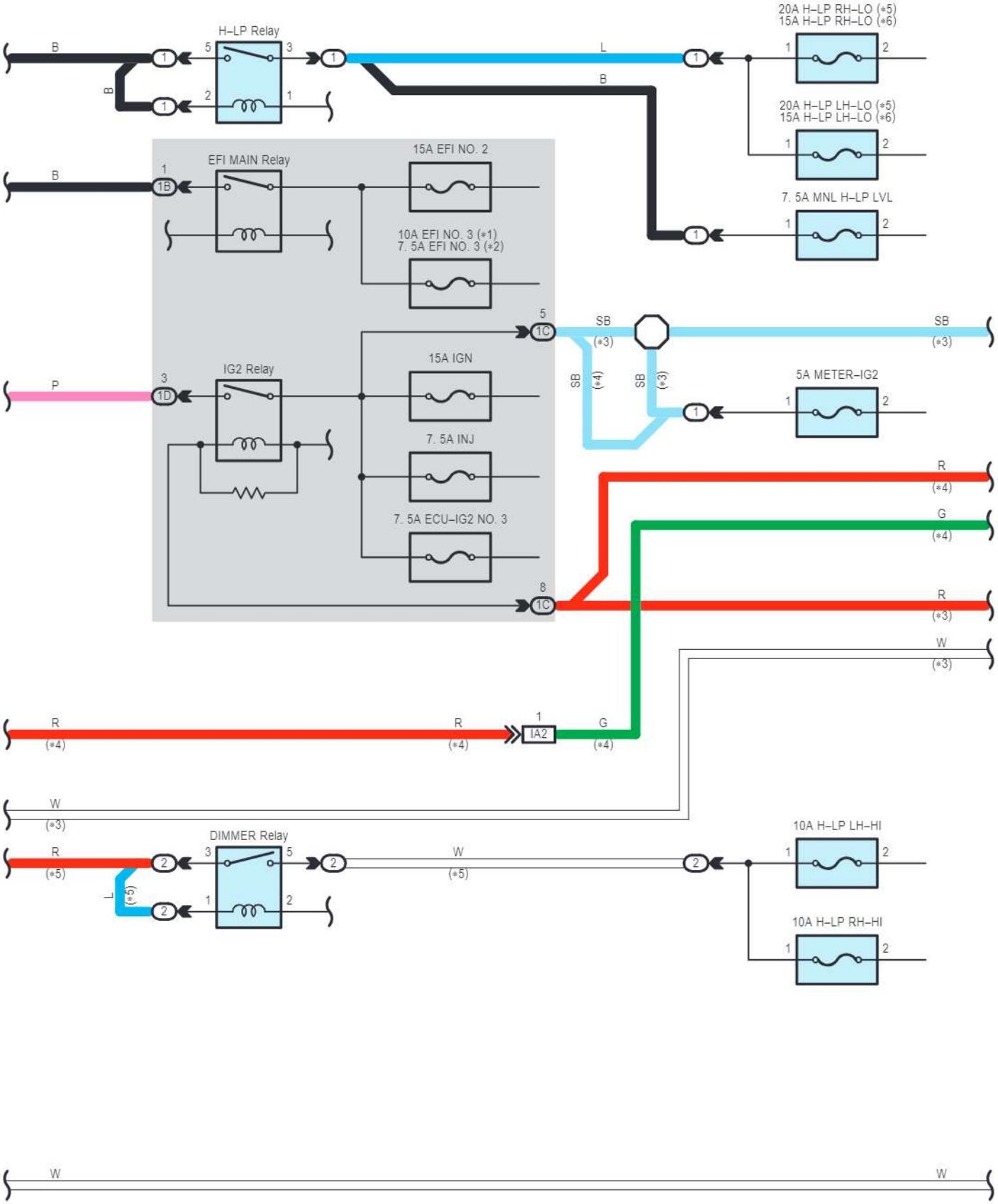
3A
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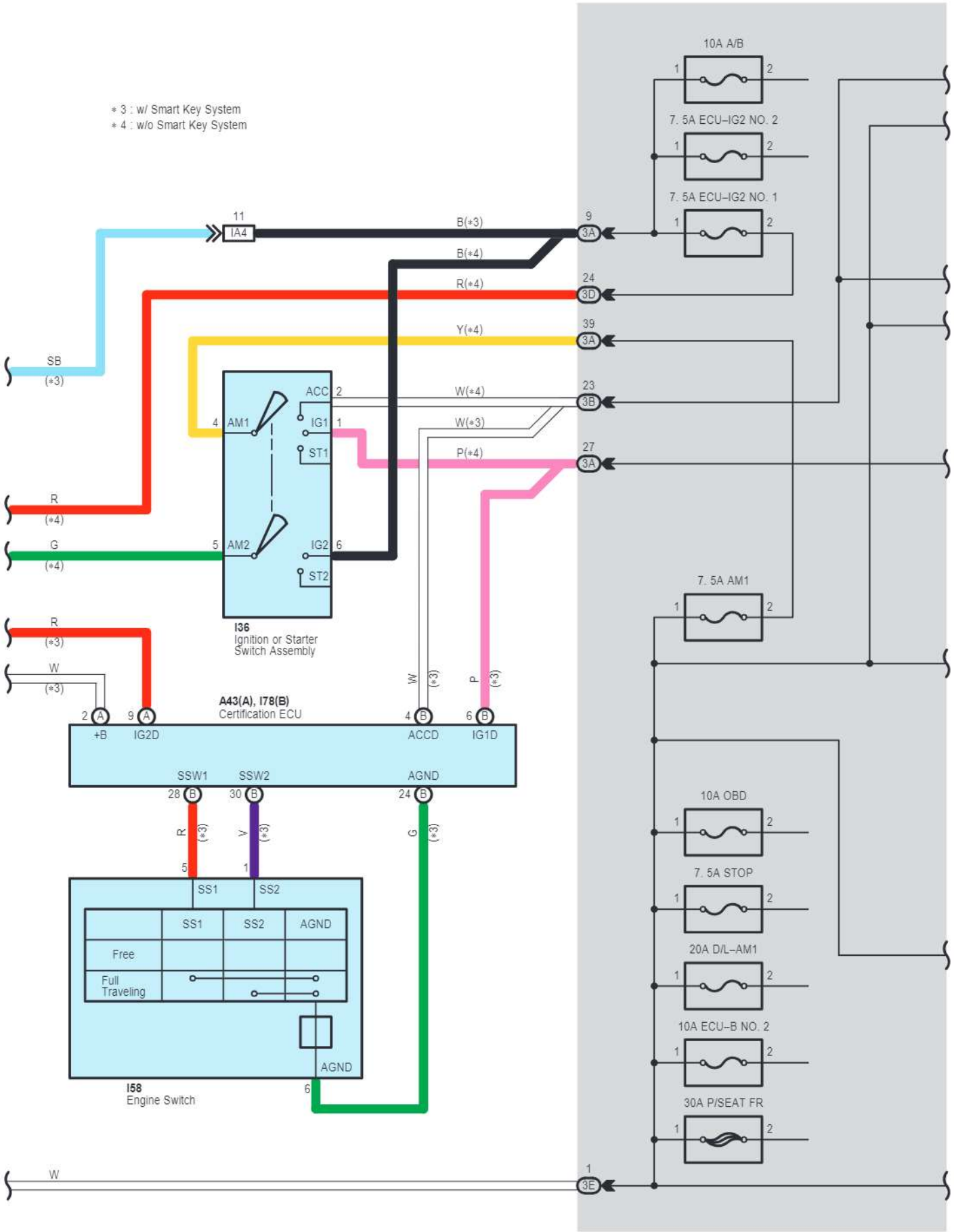


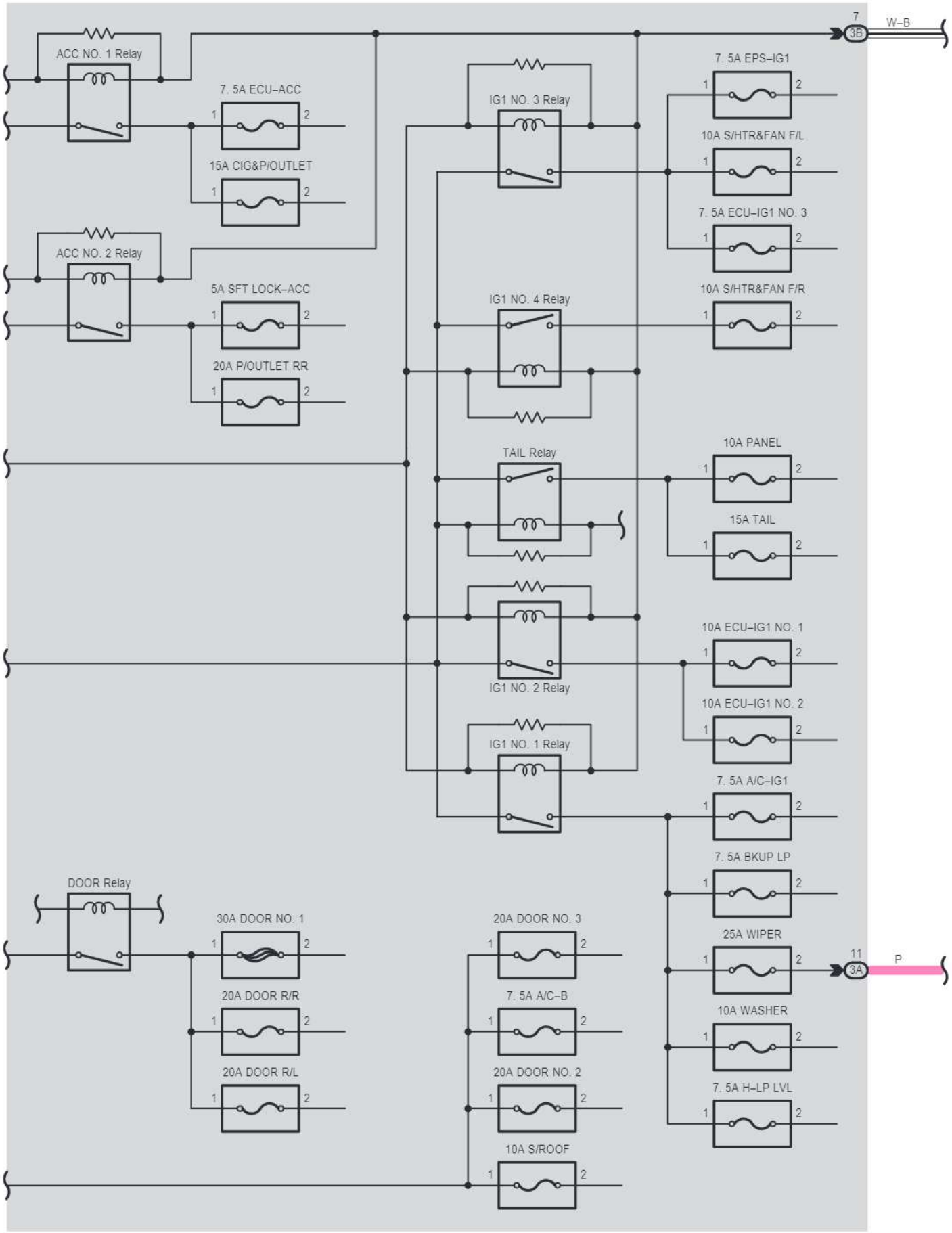
3B
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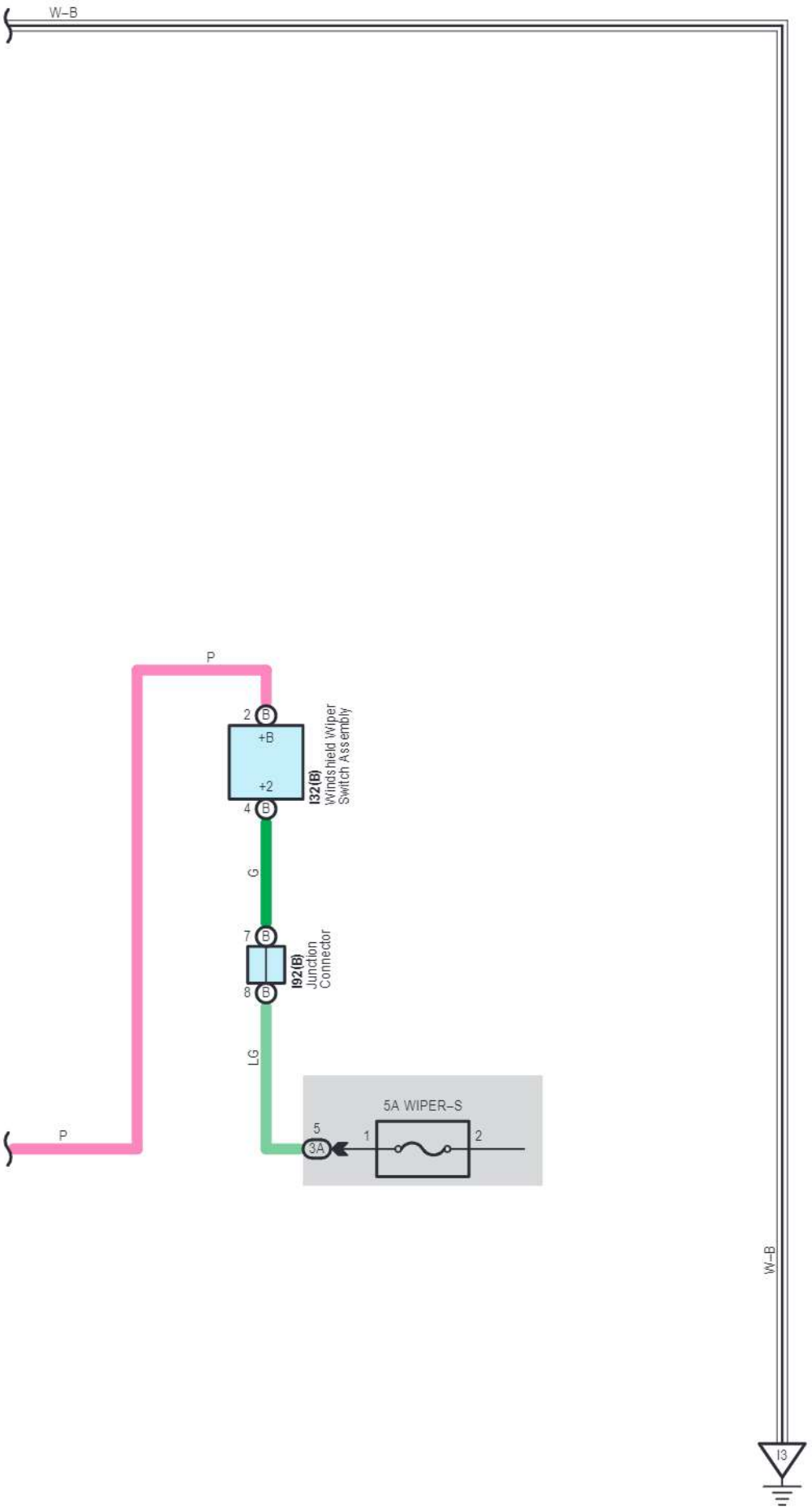



30A H–LP–MAIN
30A
EFI–MAIN NO. 1
D/C CUT
20A A/F (*1)
20A EFI–MAIN NO. 2 (*2)
15A AMP
10A ETCS
50A ABS NO. 1
7. 5A ALT–S
25A IG2–MAIN
80A EPS
15A TURN&HAZ
7. 5A DOME
30A ABS NO. 2
10A STRG LOCK
10A ECU–B NO. 1
5A MAYDAY
7. 5A EFI NO. 1
20A RADIO–B
10A HORN
30A ST/AM2
20A H–LP HI
7. 5A AM2
120A ALT
7. 5A S–HORN
50A HTR
50A FAN
FL MAIN
3. 0W
Battery
1I
1H
B
P
R
W
(*3)
(*4)
(*5)
* 1 : 2GR–FE
* 2 : 2AR–FE
* 3 : w/ Smart Key System
* 4 : w/o Smart Key System
* 5 : LED Headlight
* 6 : Halogen Headlight

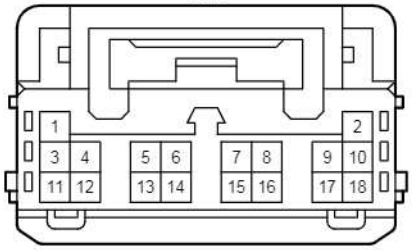

H–LP Relay
EFI MAIN Relay
IG2 Relay
DIMMER Relay
15A EFI NO. 2
10A EFI NO. 3 (*1)
7. 5A EFI NO. 3 (*2)
15A IGN
7. 5A INJ
7. 5A ECU–IG2 NO. 3
20A H–LP RH–LO (*5)
15A H–LP RH–LO (*6)
20A H–LP LH–LO (*5)
15A H–LP LH–LO (*6)
7. 5A MNL H–LP LVL
5A METER–IG2
10A H–LP LH–HI
10A H–LP RH–HI
IA2
B
L
SB
R
G
W
P


* 3 : w/ Smart Key System
* 4 : w/o Smart Key System
10A A/B
7. 5A ECU–IG2 NO. 2
7. 5A ECU–IG2 NO. 1
7. 5A AM1
10A OBD
7. 5A STOP
20A D/L–AM1
10A ECU–B NO. 2
30A P/SEAT FR
11
IA4
B(*3)
B(*4)
R(*4)
Y(*4)
W(*4)
W(*3)
P(*4)
9
3A
24
3D
39
3A
23
3B
27
3A
1
3E
SB
(*3)
R
(*4)
G
(*4)
R
(*3)
W
(*3)
ACC
IG1
ST1
AM1
AM2
IG2
ST2
I36
Ignition or Starter
Switch Assembly
A43(A), I78(B)
Certification ECU
+B
IG2D
ACCD
IG1D
SSW1
SSW2
AGND
SS1
SS2
AGND
Free
Full
Traveling
I58
Engine Switch


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


W-B
P
2
B
+B
+2
4
B
I32(B)
Windshield Wiper
Switch Assembly
G
7
B
I92(B)
Junction
Connector
8
B
LG
5A WIPER-S
5
3A
1
2
P
W-B
I3

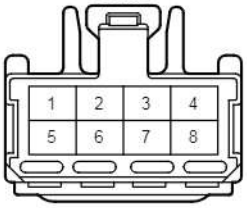
A 43
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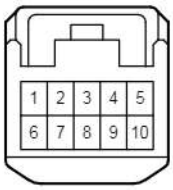
I 32
White



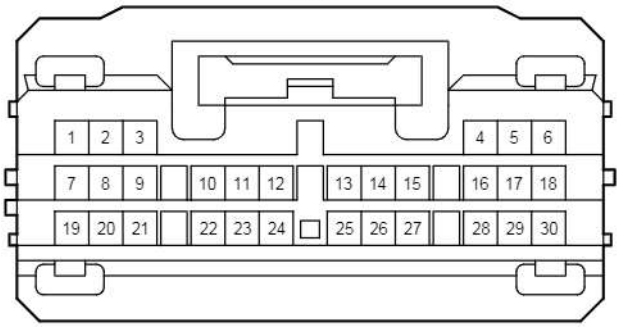
I 36
White



I 58
Black



I 78
White



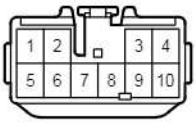
I 92
Gray



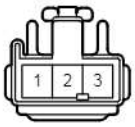
1B
White



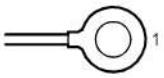
1C
White



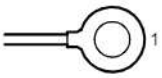
1D
White



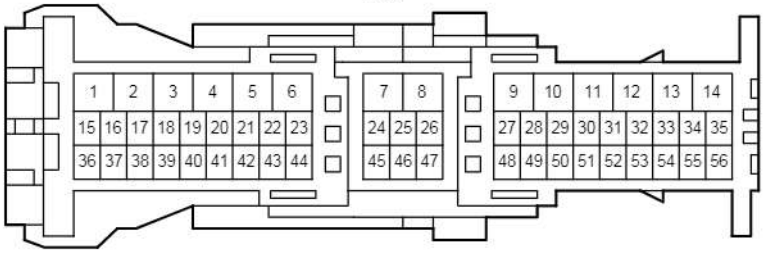
1H
White



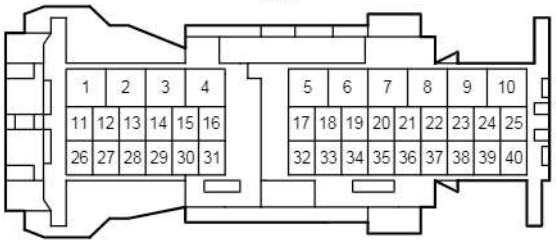
1I
White



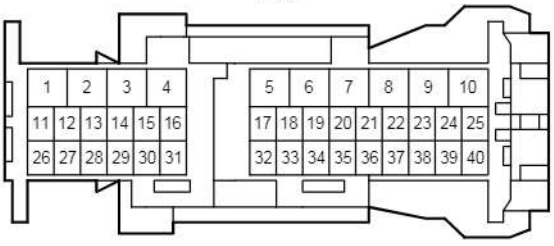
3A
White

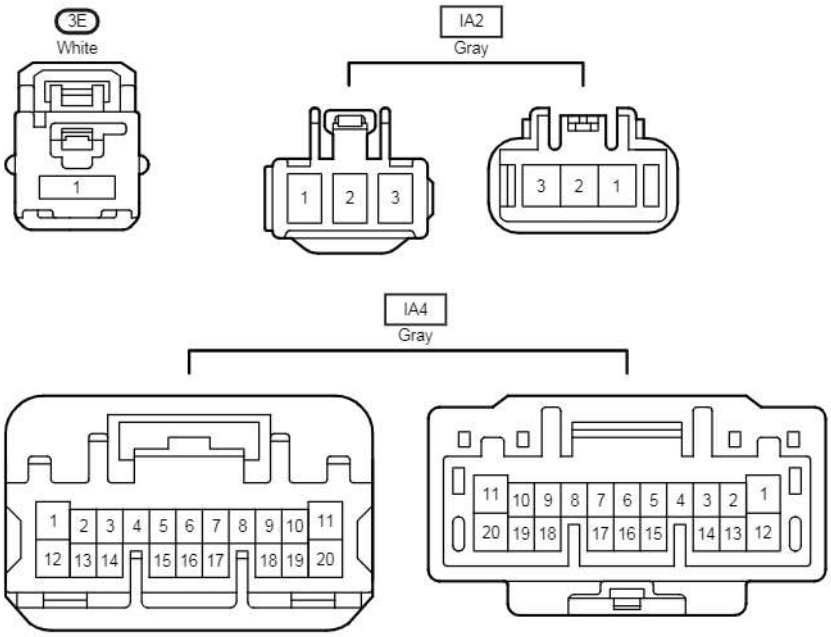


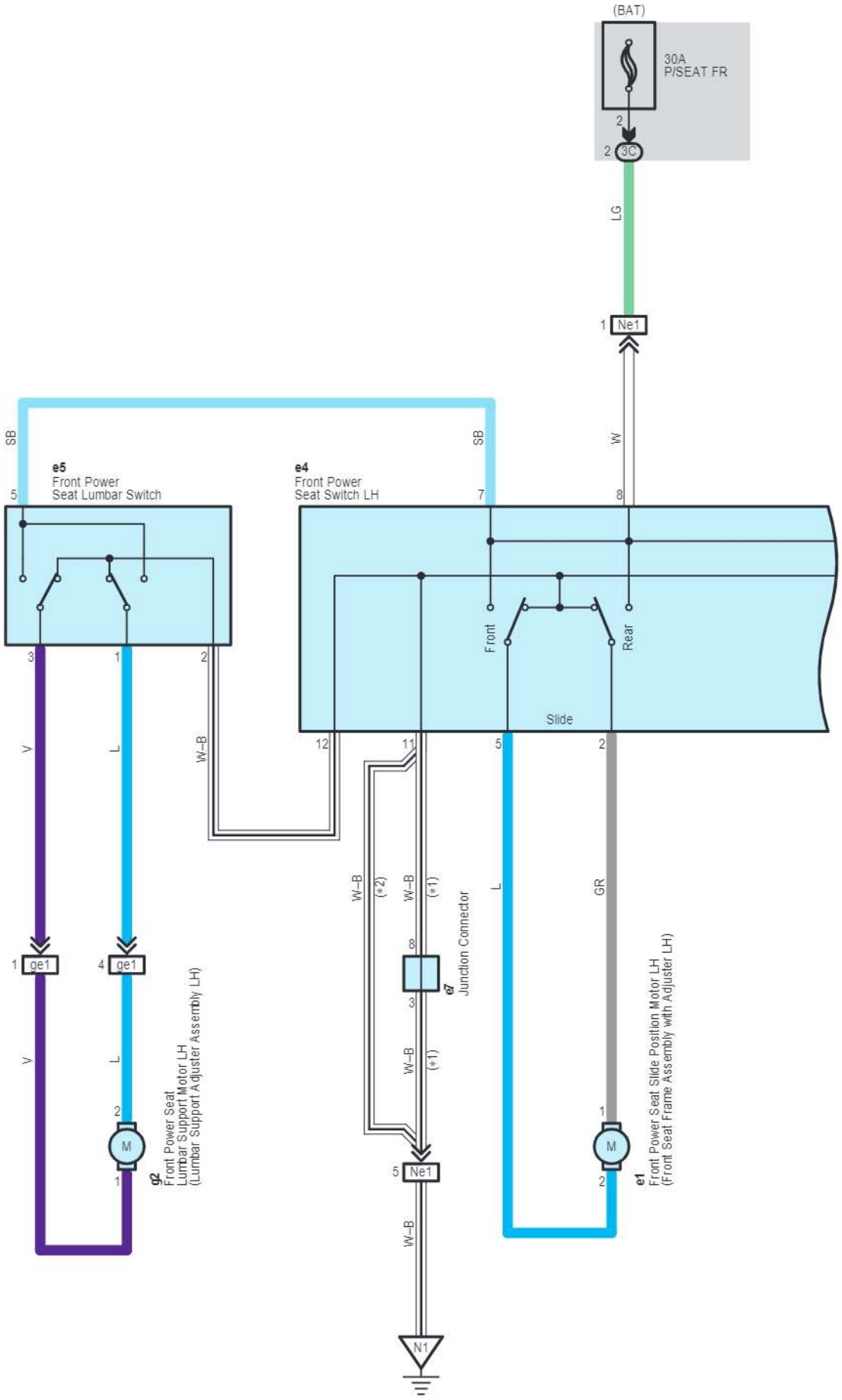
3B
White



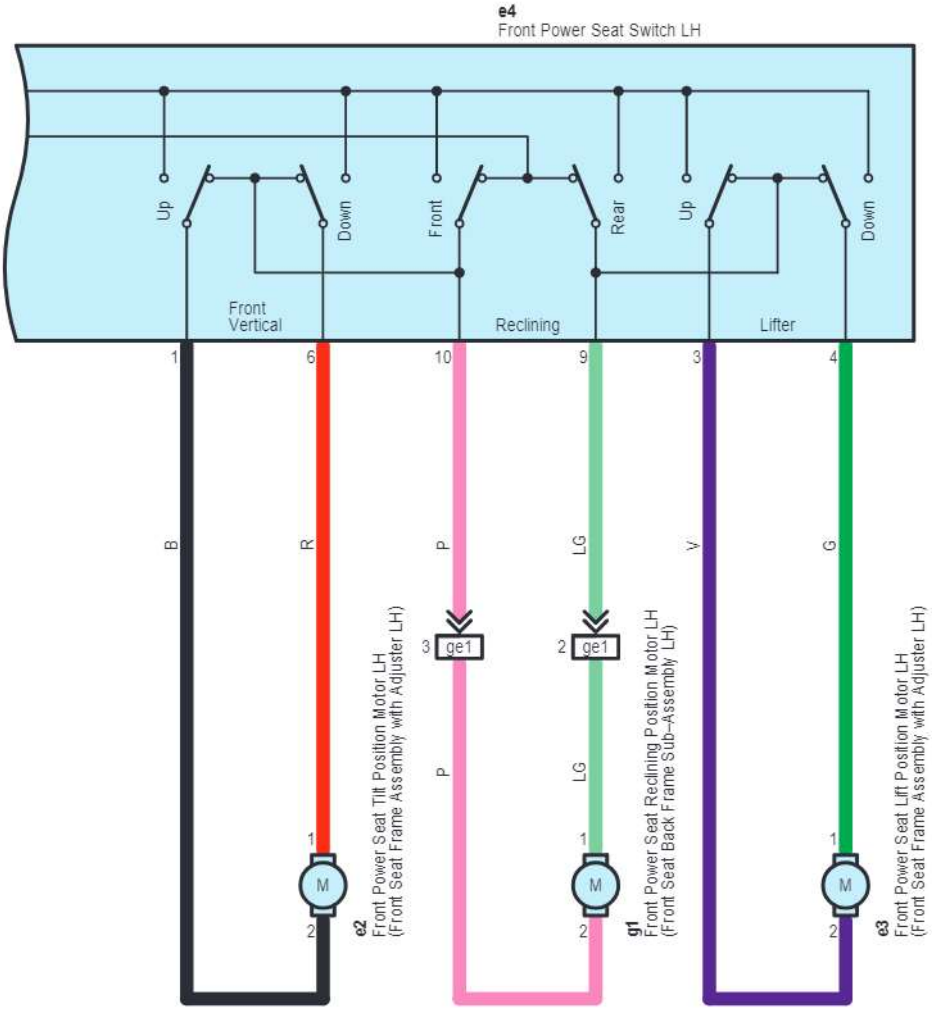
3D
White

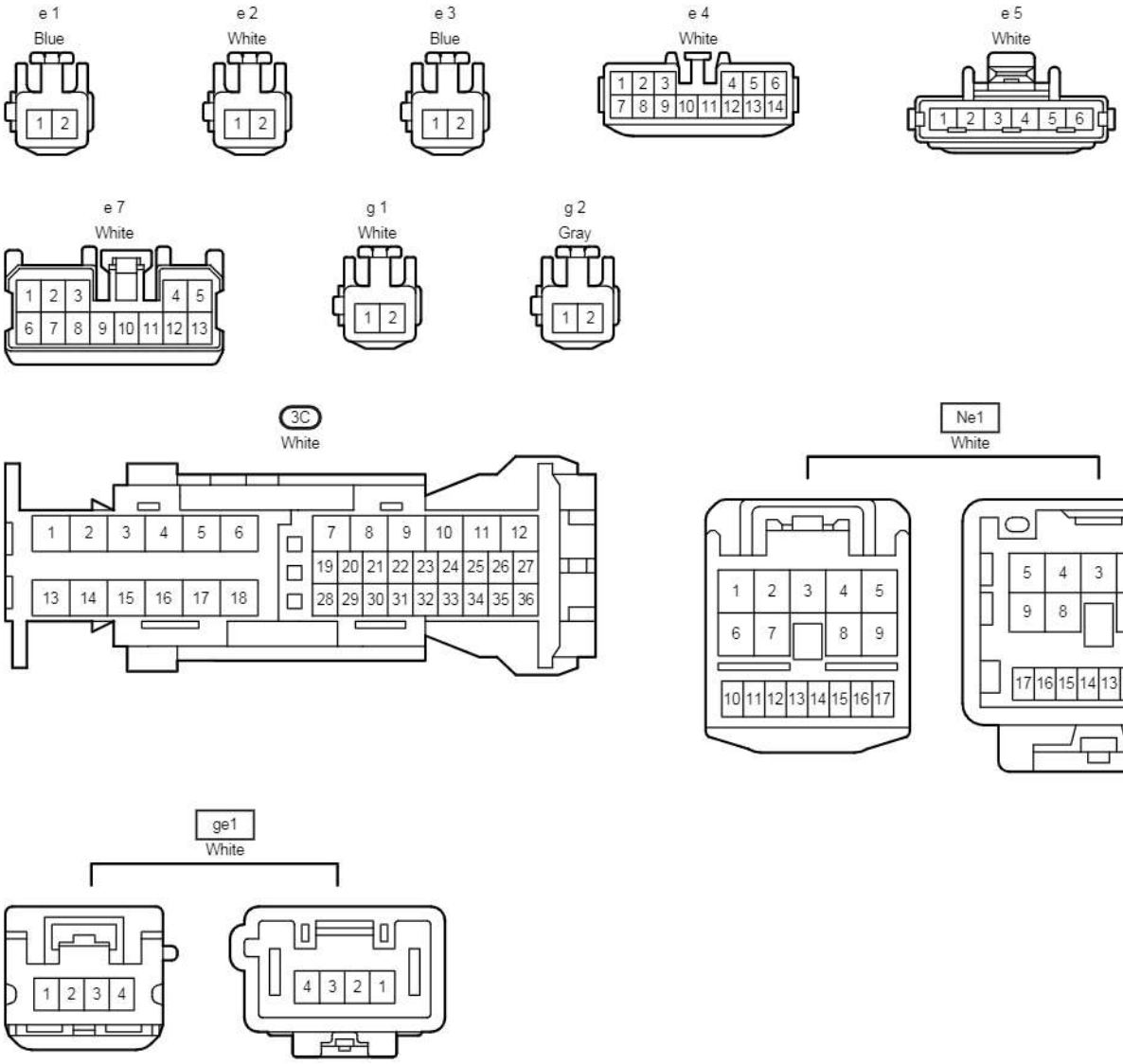


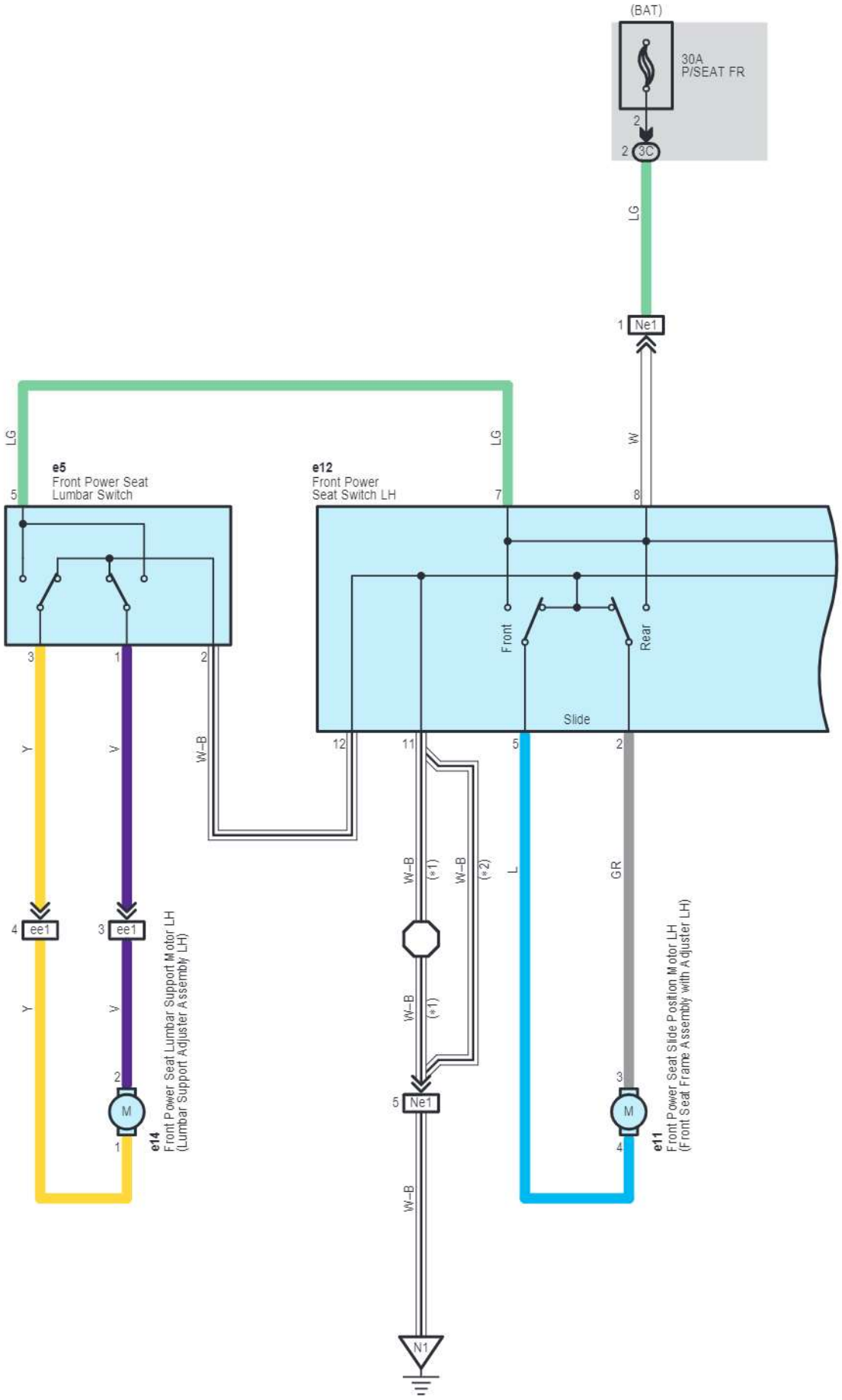

3E
White
1
IA2
Gray
1 2 3
3 2 1
IA4
Gray
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12


(BAT)
30A
P/SEAT FR
2
2 3C
LG
1 Ne1
W
SB
SB
e5
Front Power
Seat Lumbar Switch
5
e4
Front Power
Seat Switch LH
7
8
Front
Rear
Slide
3
1
2
12
11
5
2
V
L
W-B
W-B
(*2)
W-B
(*1)
L
GR
1 ge1
4 ge1
V
L
2
M
1
g2
Front Power Seat
Lumbar Support Motor LH
(Lumbar Support Adjuster Assembly LH)
6
e7
Junction Connector
3
W-B
(*1)
5 Ne1
W-B
N1
1
M
2
e1
Front Power Seat Slide Position Motor LH
(Front Seat Frame Assembly with Adjuster LH)

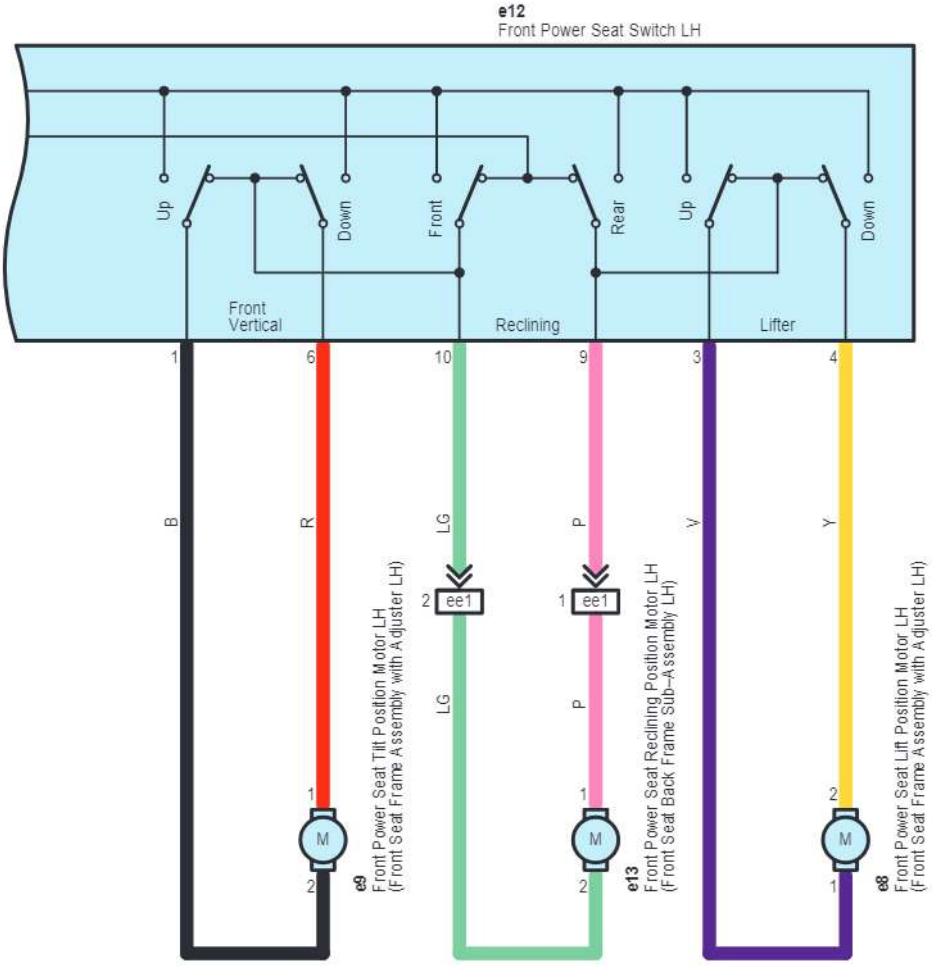
* 1 : w/ Seat Heater
* 2 : w/o Seat Heater



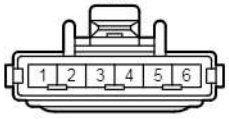

e 1
Blue
1 2
e 2
White
1 2
e 3
Blue
1 2
e 4
White
1 2 3 4 5 6
7 8 9 10 11 12 13 14
e 5
White
1 2 3 4 5 6
e 7
White
1 2 3 4 5
6 7 8 9 10 11 12 13
g 1
White
1 2
g 2
Gray
1 2
3C
White
1 2 3 4 5 6 7 8 9 10 11 12
13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
28 29 30 31 32 33 34 35 36
Ne1
White
1 2 3 4 5
6 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
ge1
White
1 2 3 4
4 3 2 1


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

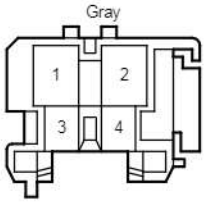
* 1 : w/ Seat Heater
* 2 : w/o Seat Heater



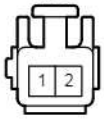
e 5
White



e 8
Gray



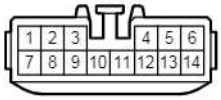
e 9
Black



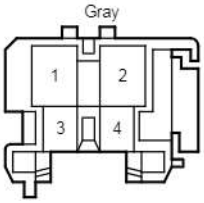
e 11
Black



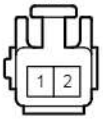
e 12
Black



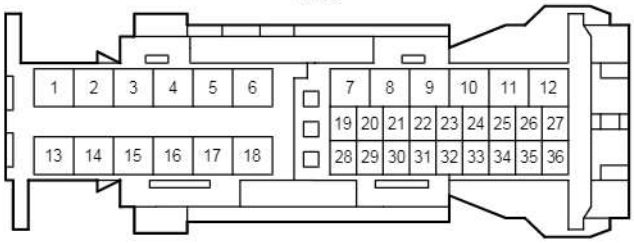
e 13
Gray



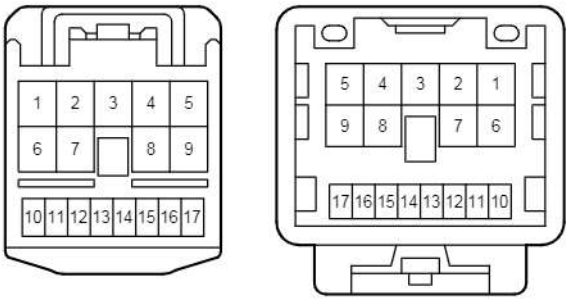
e 14
Black



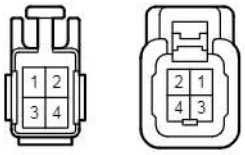
3C
White

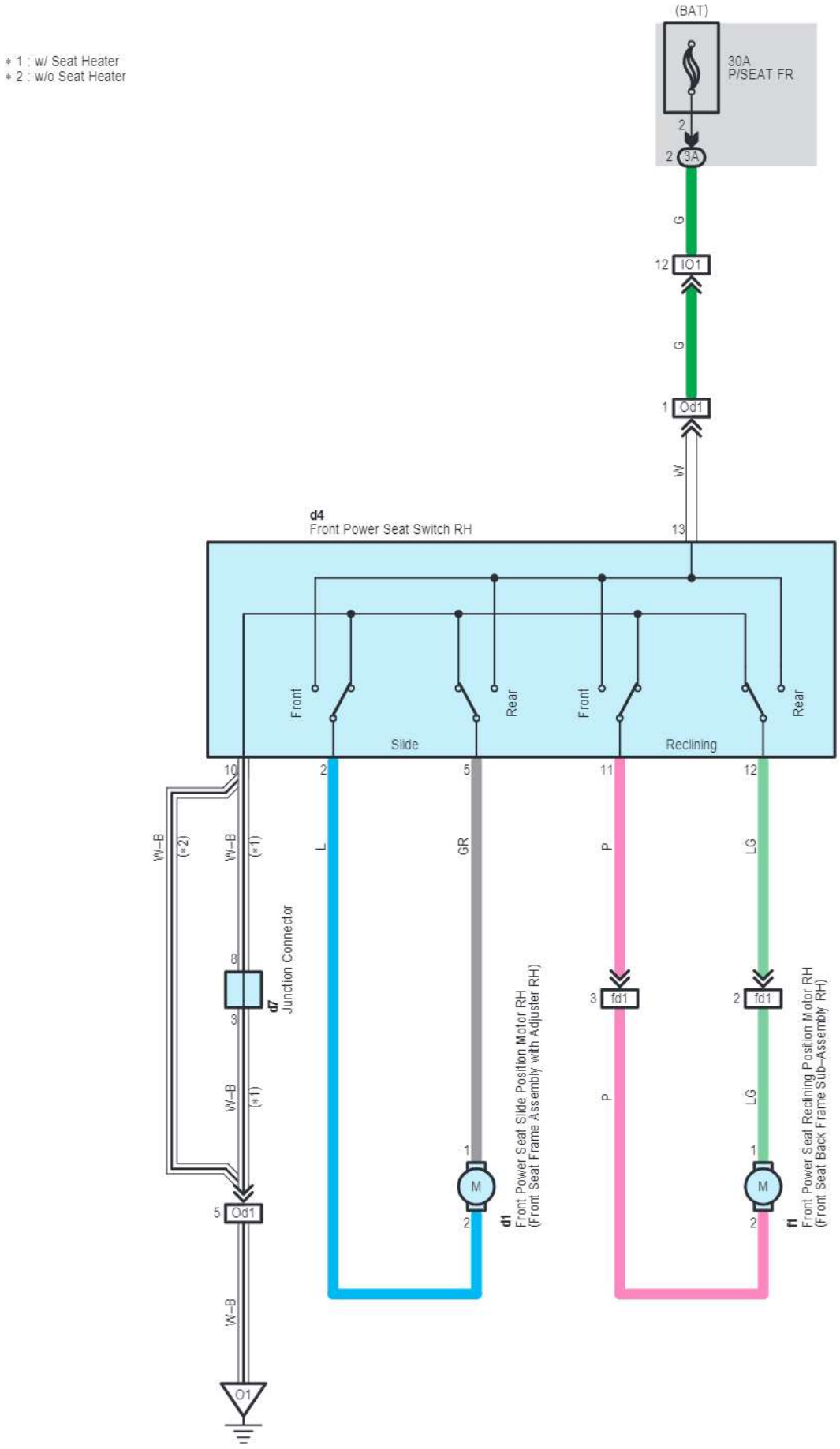


Ne1
White

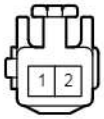


ee1
White

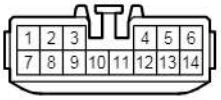



* 1 : w/ Seat Heater
* 2 : w/o Seat Heater
(BAT)
30A
P/SEAT FR
2
2 3A
G
12 IO1
G
1 Od1
W
d4
Front Power Seat Switch RH
13
Front
Rear
Front
Rear
Slide
Reclining
10
2
5
11
12
W-B
(*2)
W-B
(*1)
L
GR
P
LG
8
d7
Junction Connector
3
W-B
(*1)
3 fd1
2 fd1
P
LG
1
M
2
d1
Front Power Seat Slide Position Motor RH
(Front Seat Frame Assembly with Adjuster RH)
1
M
2
f1
Front Power Seat Reclining Position Motor RH
(Front Seat Back Frame Sub-Assembly RH)
5 Od1
W-B
O1

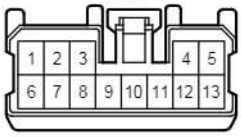
d 1
Blue



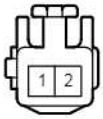
d 4
White



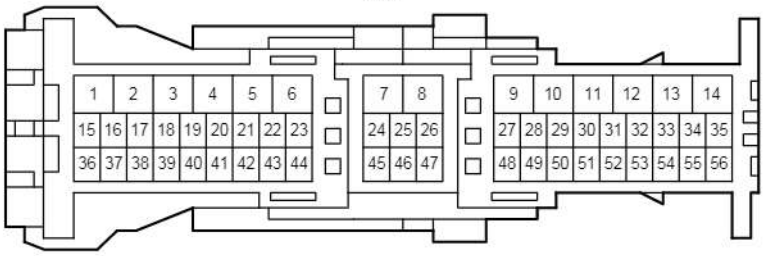
d 7
White



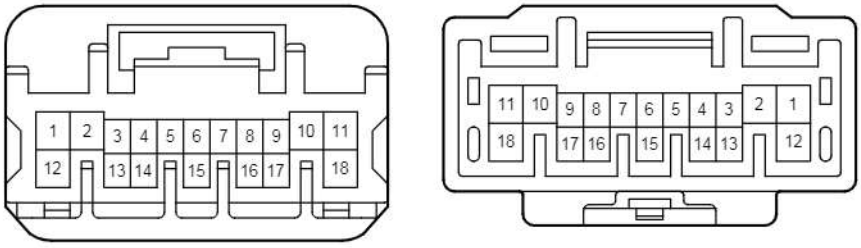
f 1
White



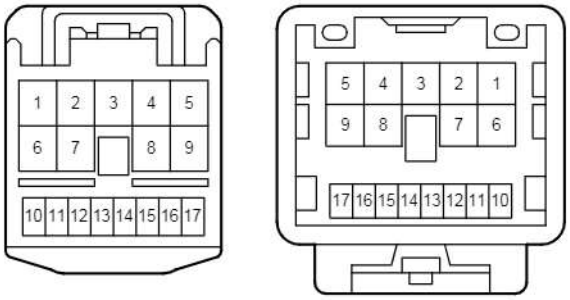
3A
White



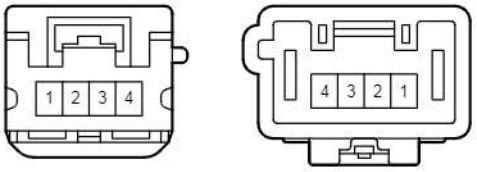
IO1
White

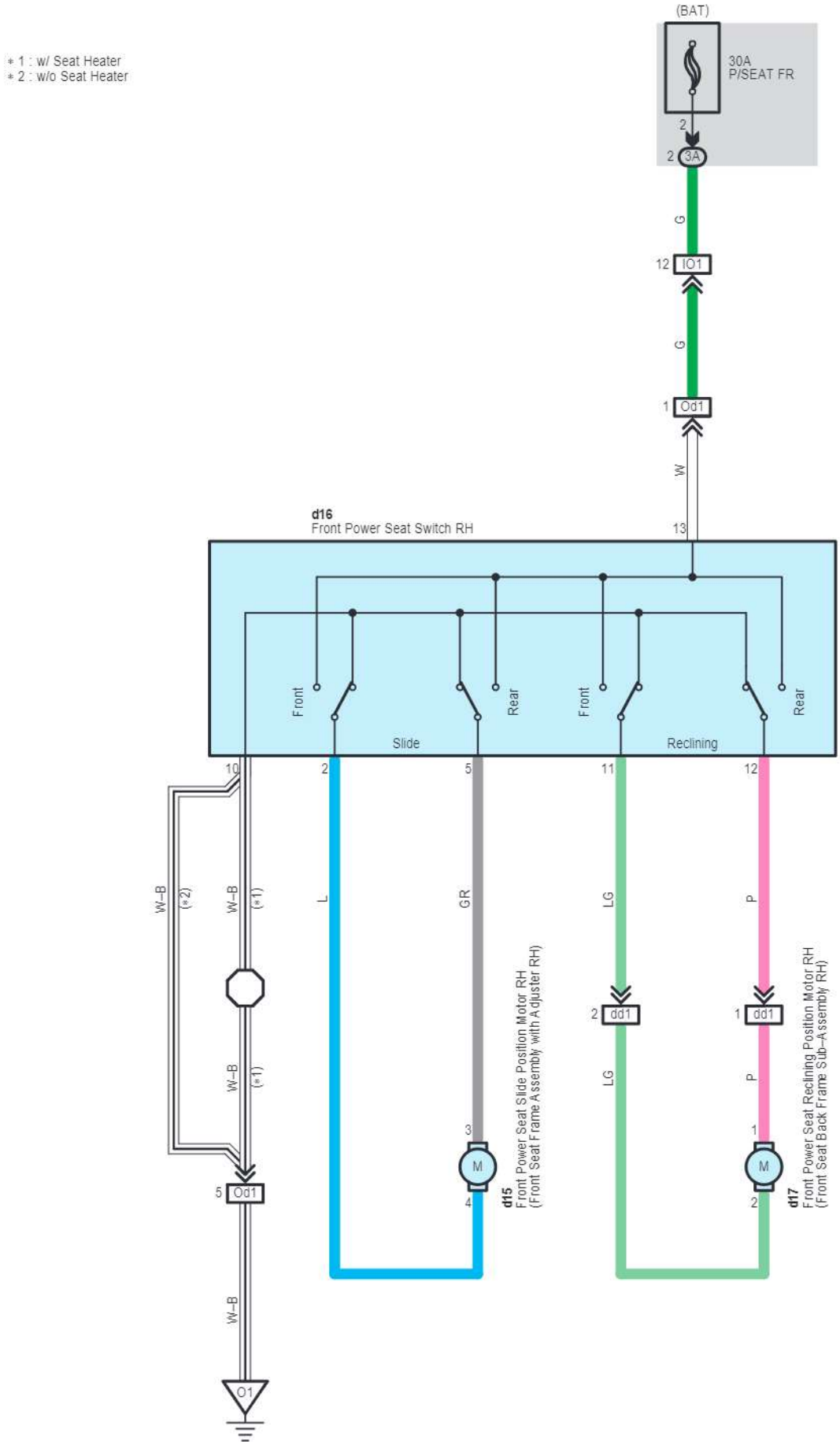


Od1
White



fd1
White

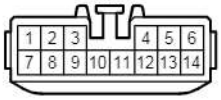



* 1 : w/ Seat Heater
* 2 : w/o Seat Heater
(BAT)
30A
P/SEAT FR
2
2 3A
G
12 IO1
G
1 Od1
W
13
d16
Front Power Seat Switch RH
Front
Rear
Front
Rear
Slide
Reclining
10
2
5
11
12
W–B
(*2)
W–B
(*1)
W–B
(*1)
L
GR
LG
P
5 Od1
W–B
O1
3
4
M
d15
Front Power Seat Slide Position Motor RH
(Front Seat Frame Assembly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

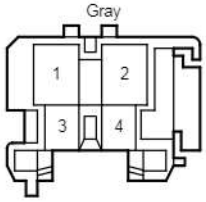
d 15
Black



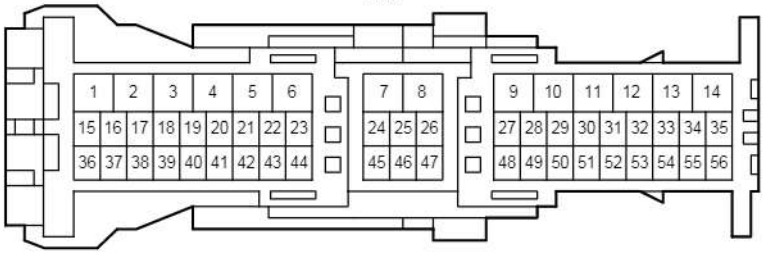
d 16
Black



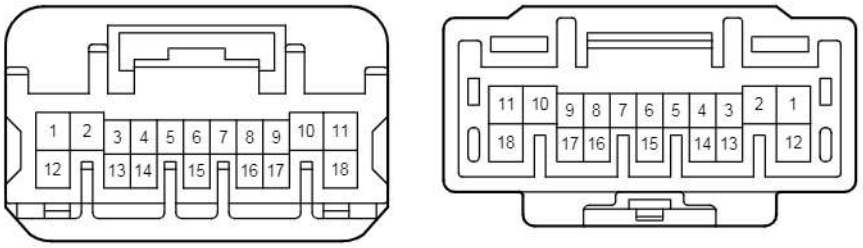
d 17
Gray



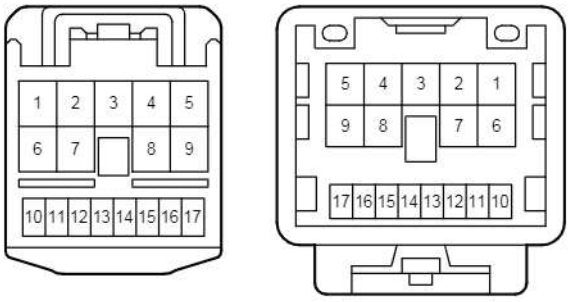
3A
White



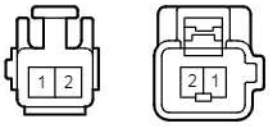
IO1
White

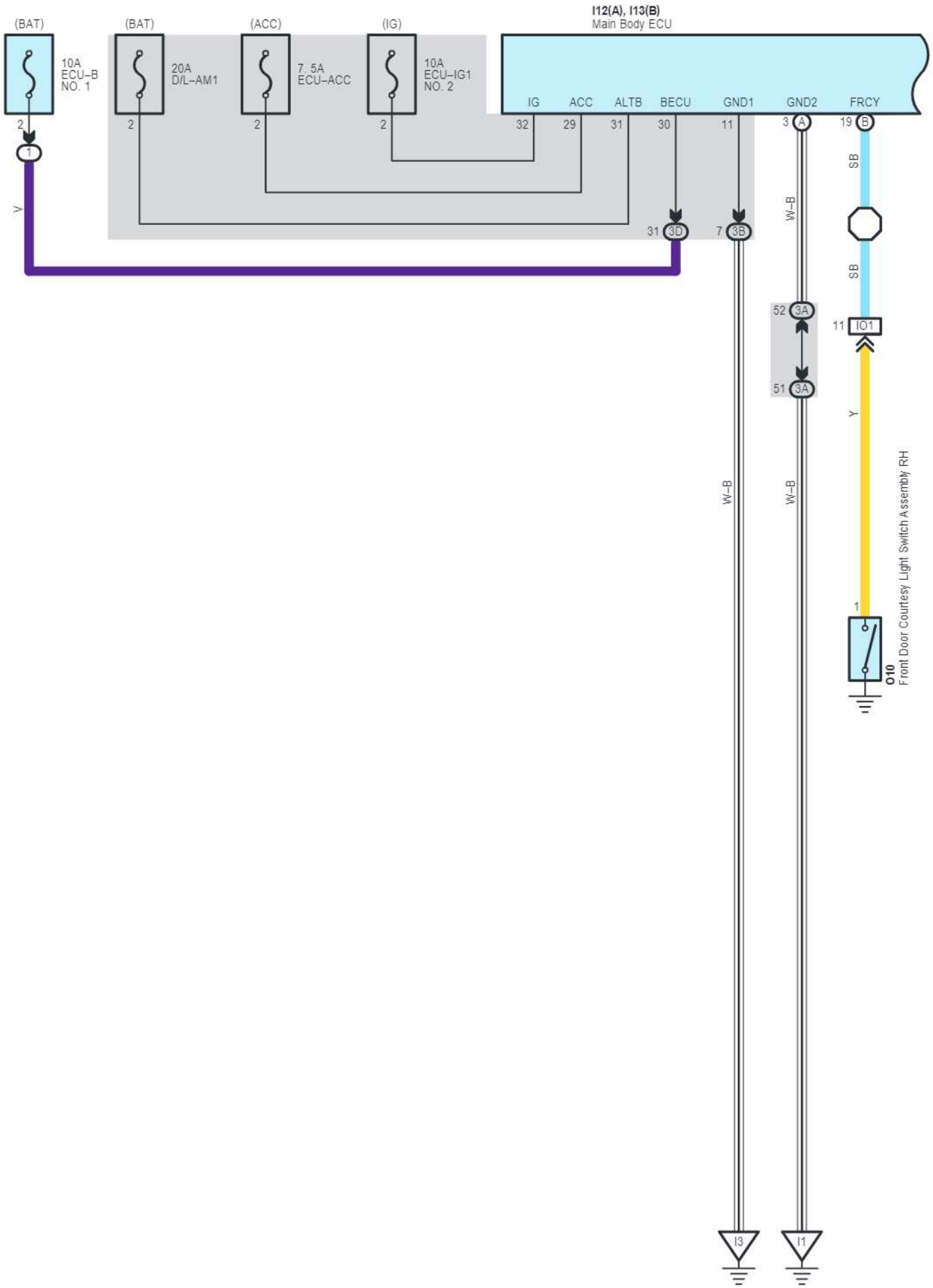


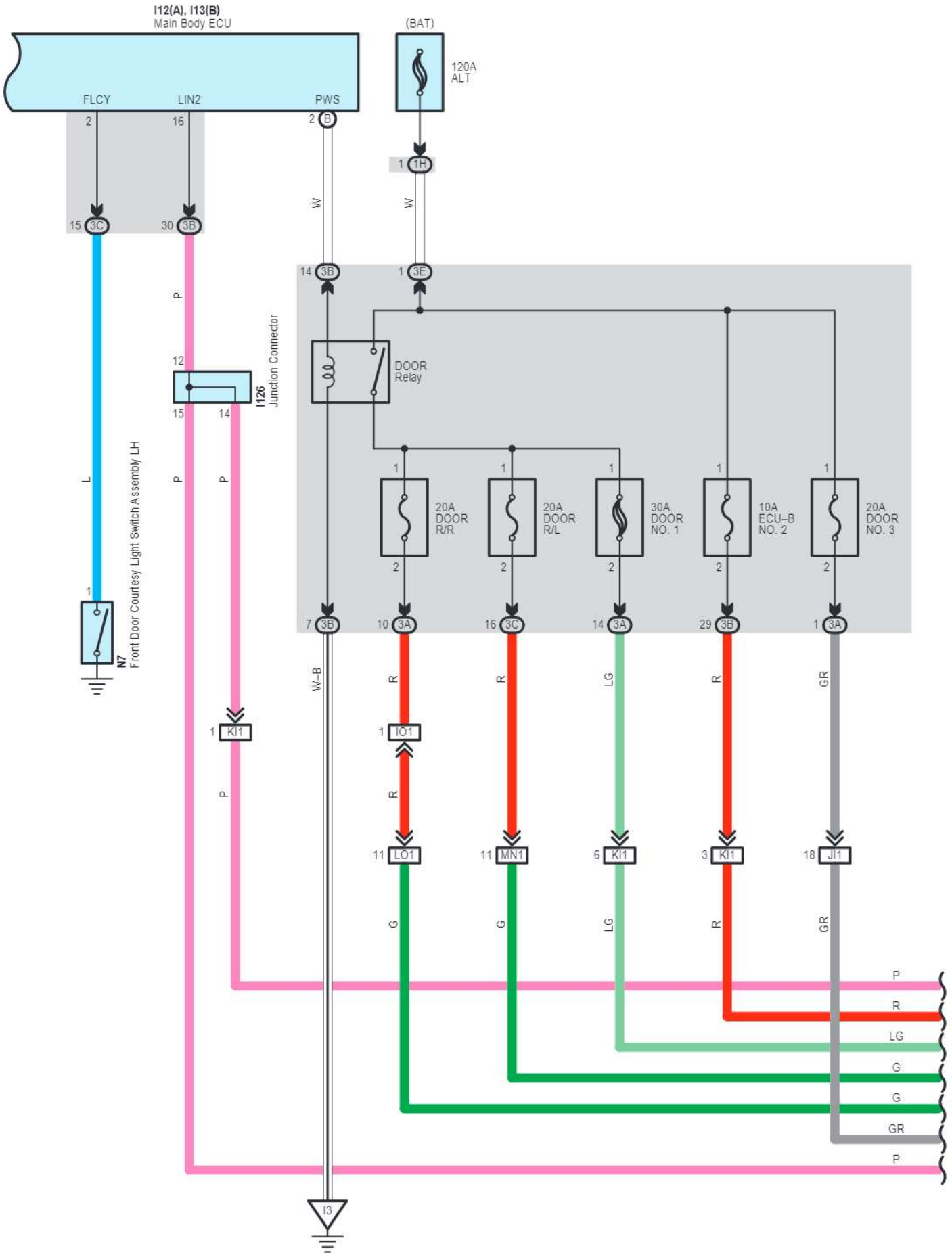
Od1
White

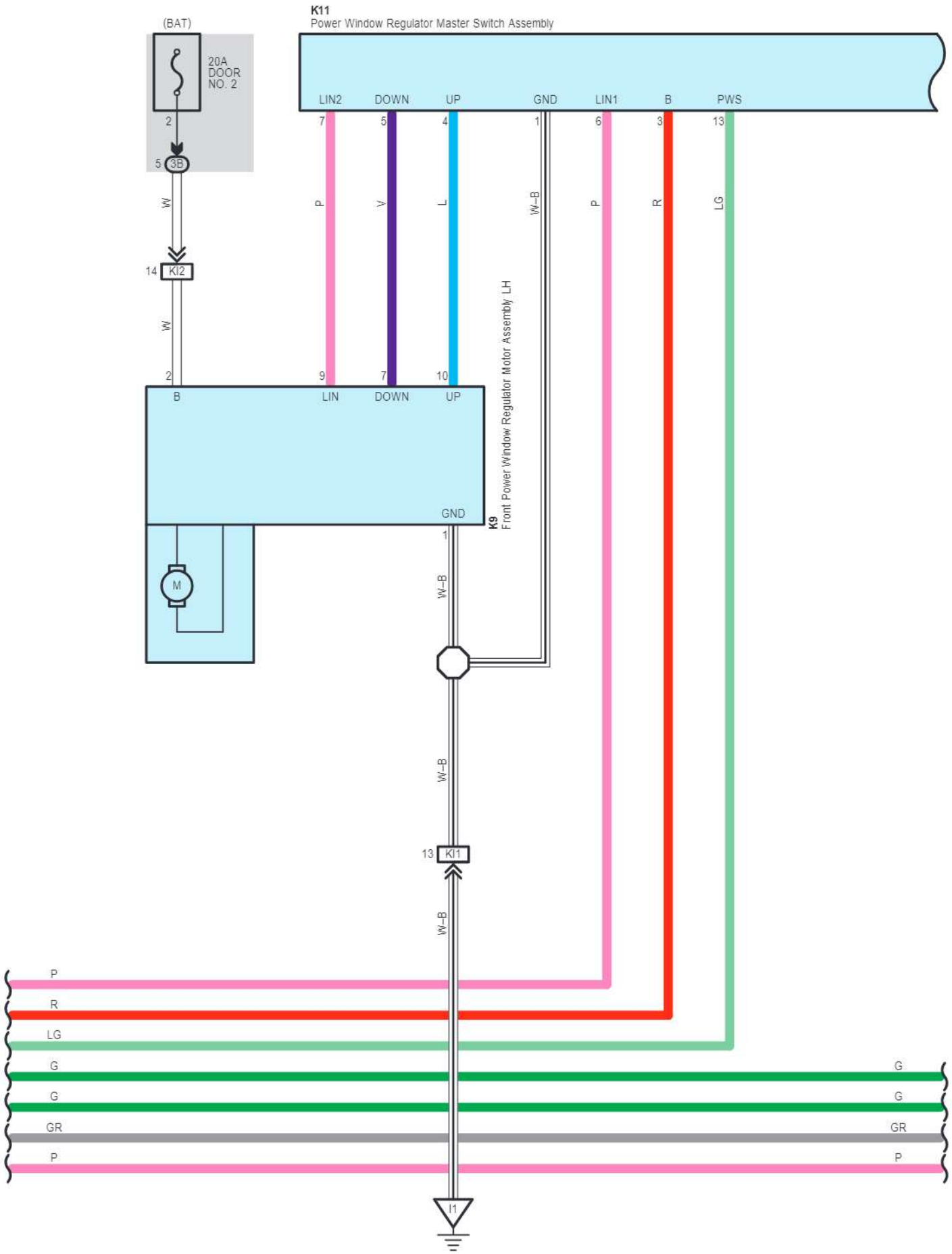


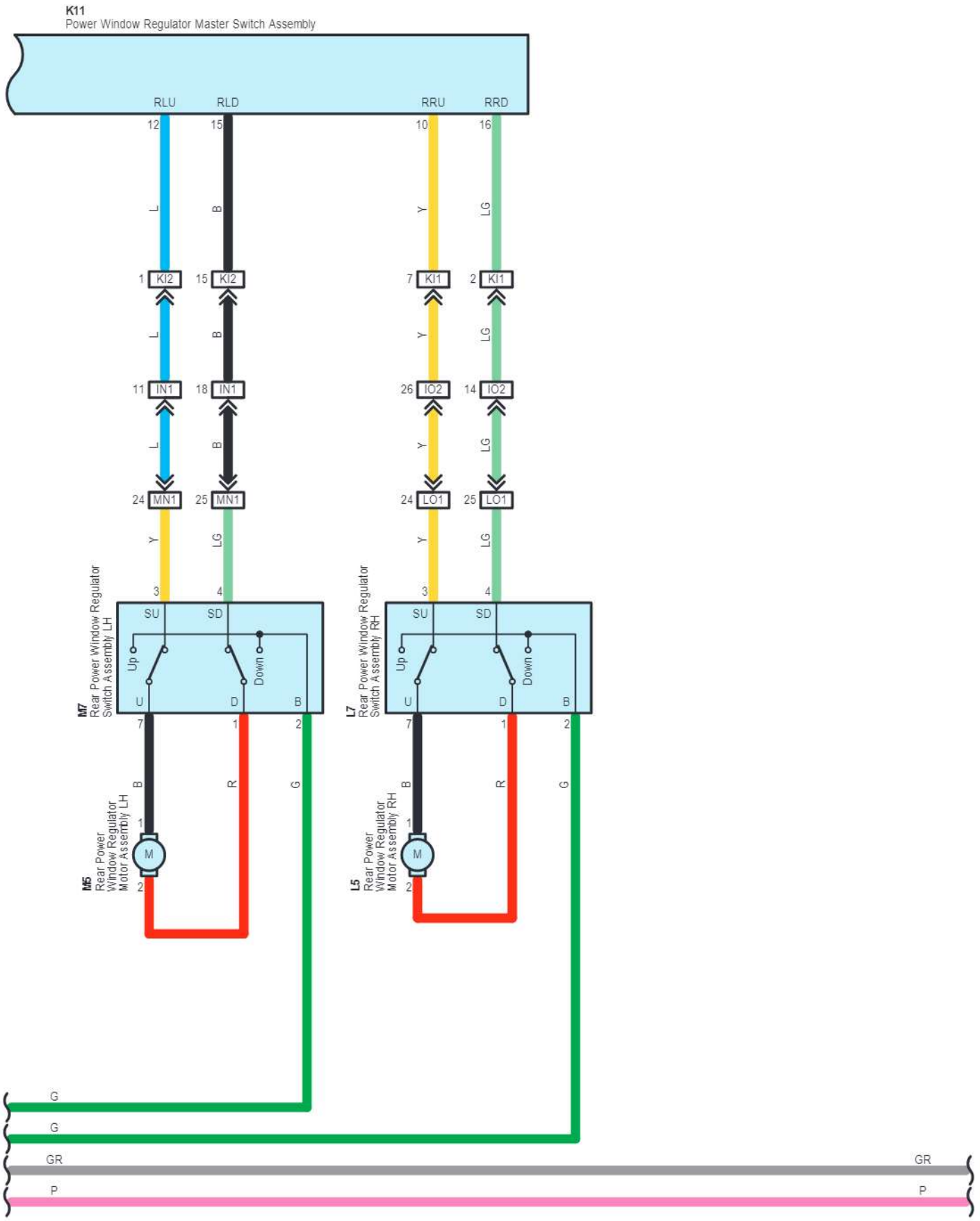
dd1
White

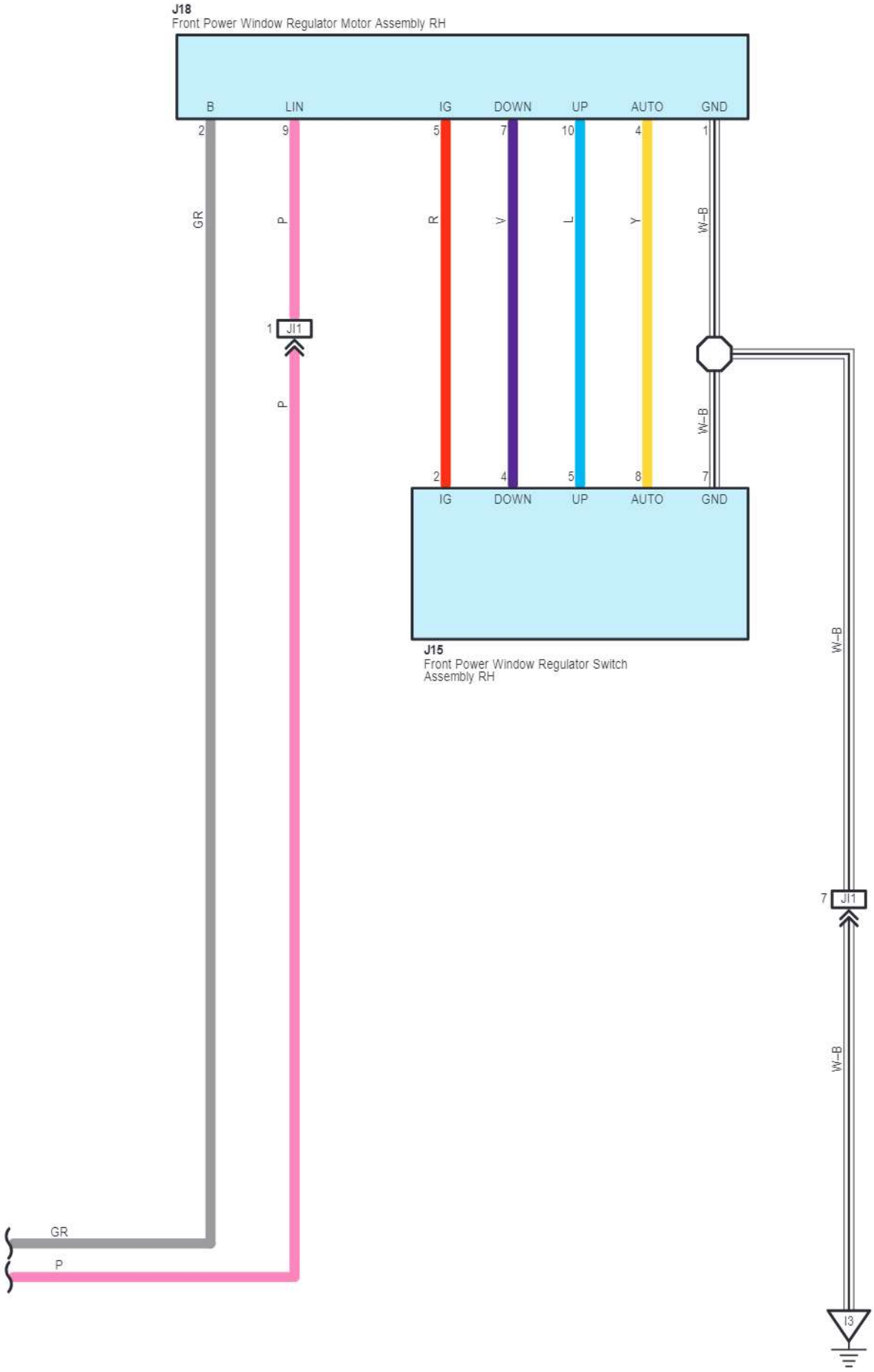



(BAT)
(BAT)
(ACC)
(IG)
10A
ECU–B
NO. 1
20A
D/L–AM1
7. 5A
ECU–ACC
10A
ECU–IG1
NO. 2
I12(A), I13(B)
Main Body ECU
IG
ACC
ALTB
BECU
GND1
GND2
FRCY
2
1
V
32
29
31
30
11
3
A
19
B
SB
SB
W–B
31
3D
7
3B
52
3A
51
3A
11
IO1
Y
1
W–B
W–B
O10
Front Door Courtesy Light Switch Assembly RH
I3
I1

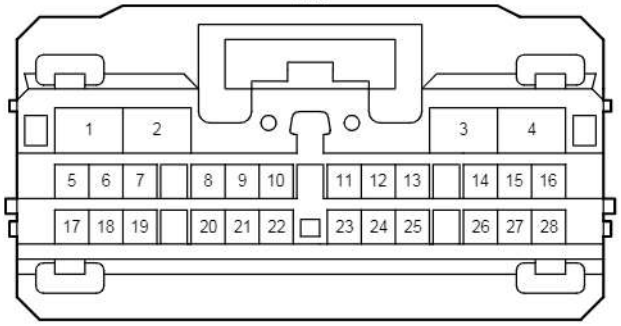

I12(A), I13(B)
Main Body ECU
FLCY
LIN2
PWS
(BAT)
120A
ALT
DOOR
Relay
I126
Junction Connector
20A
DOOR
R/R
20A
DOOR
R/L
30A
DOOR
NO. 1
10A
ECU-B
NO. 2
20A
DOOR
NO. 3
N7
Front Door Courtesy Light Switch Assembly LH
I3


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

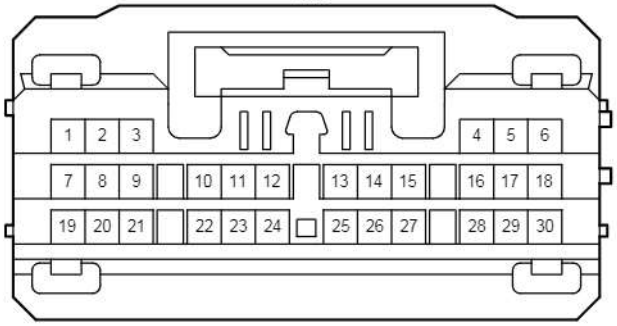

K11
Power Window Regulator Master Switch Assembly
RLU
RLD
RRU
RRD
12
15
10
16
L
B
Y
LG
1 KI2
15 KI2
7 KI1
2 KI1
11 IN1
18 IN1
26 IO2
14 IO2
24 MN1
25 MN1
24 LO1
25 LO1
3
4
M7
Rear Power Window Regulator Switch Assembly LH
L7
Rear Power Window Regulator Switch Assembly RH
SU
SD
Up
Down
U
D
B
7
1
2
R
G
M5
Rear Power Window Regulator Motor Assembly LH
L5
Rear Power Window Regulator Motor Assembly RH
M
GR
P


J18
Front Power Window Regulator Motor Assembly RH
B
LIN
IG
DOWN
UP
AUTO
GND
2
9
5
7
10
4
1
GR
P
R
V
L
Y
W-B
1
JI1
P
W-B
2
4
5
8
7
IG
DOWN
UP
AUTO
GND
J15
Front Power Window Regulator Switch
Assembly RH
W-B
7
JI1
W-B
I3
GR
P

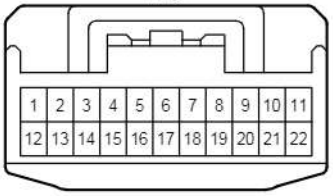
I 12
White



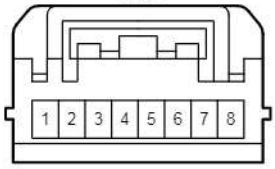
I 13
White



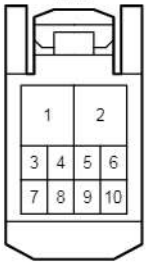
I126
White



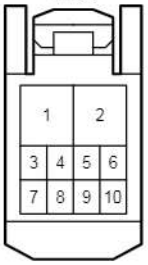
J 15
White



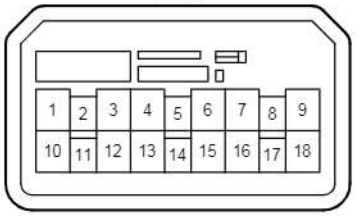
J 18
White



K 9
White



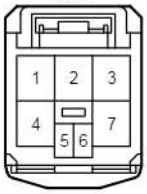
K 11
White



L 5
Black



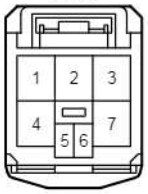
L 7
White



M 5
Black



M 7
White



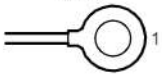
N 7
Black



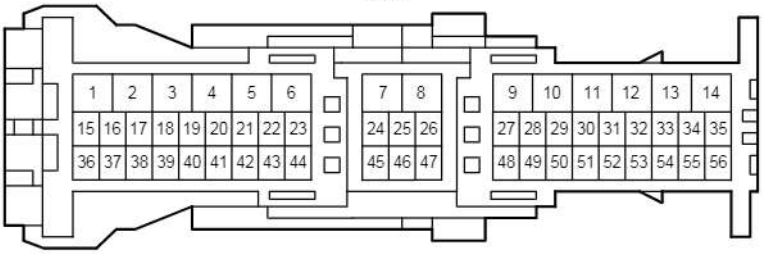
O 10
Black



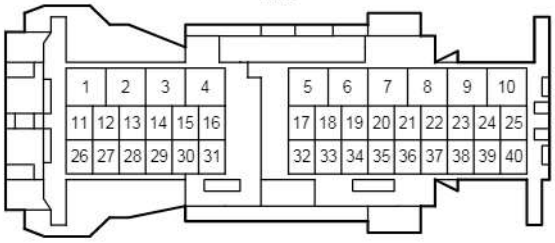
1H
White



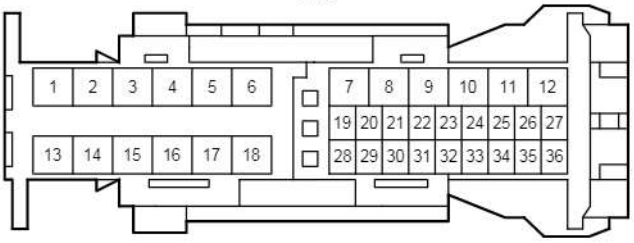
3A
White



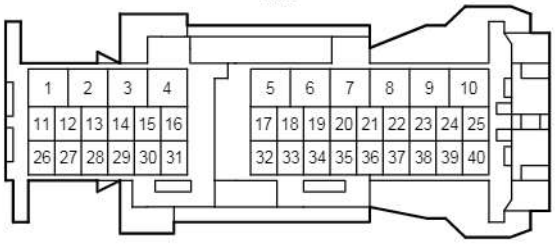
3B
White



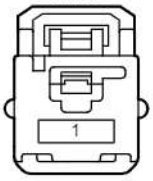
3C
White



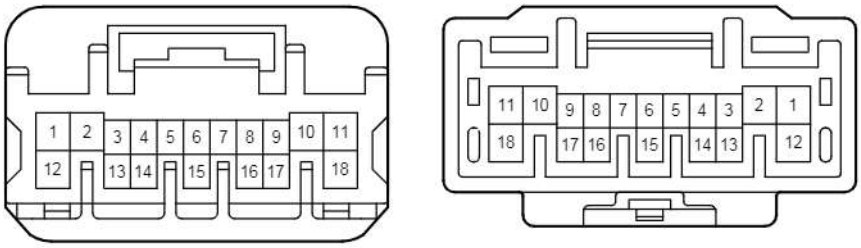
3D
White



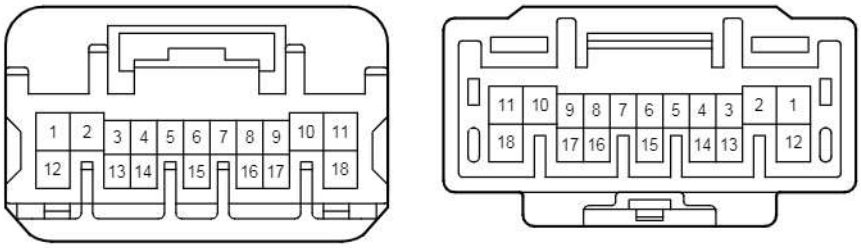
3E
White



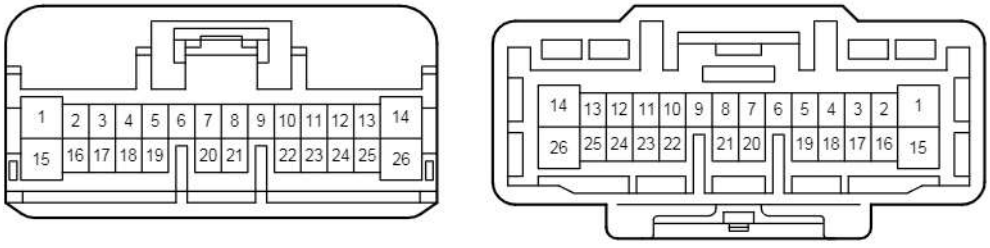
IN1
White



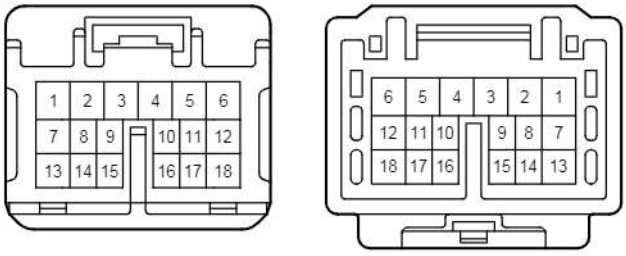
IO1
White



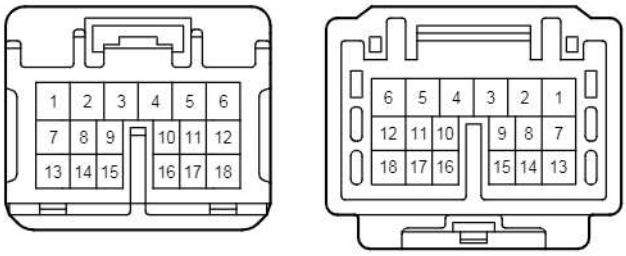
IO2
White



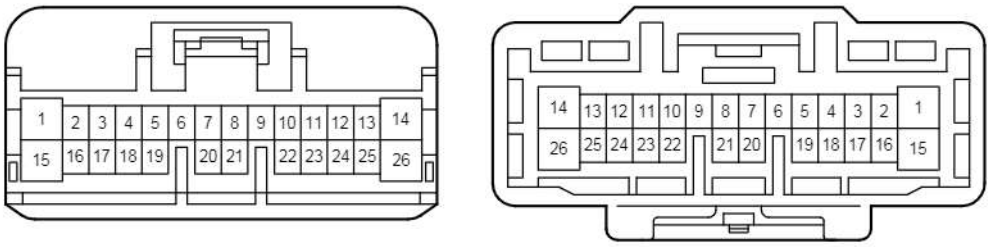
JI1
Gray



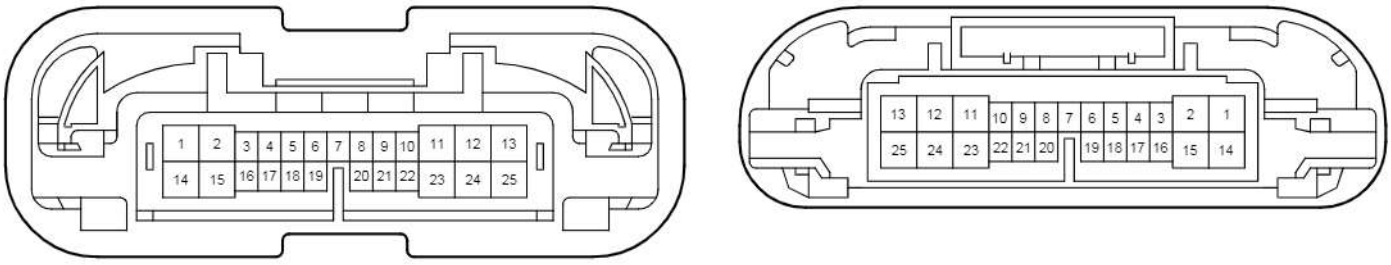
KI1
White

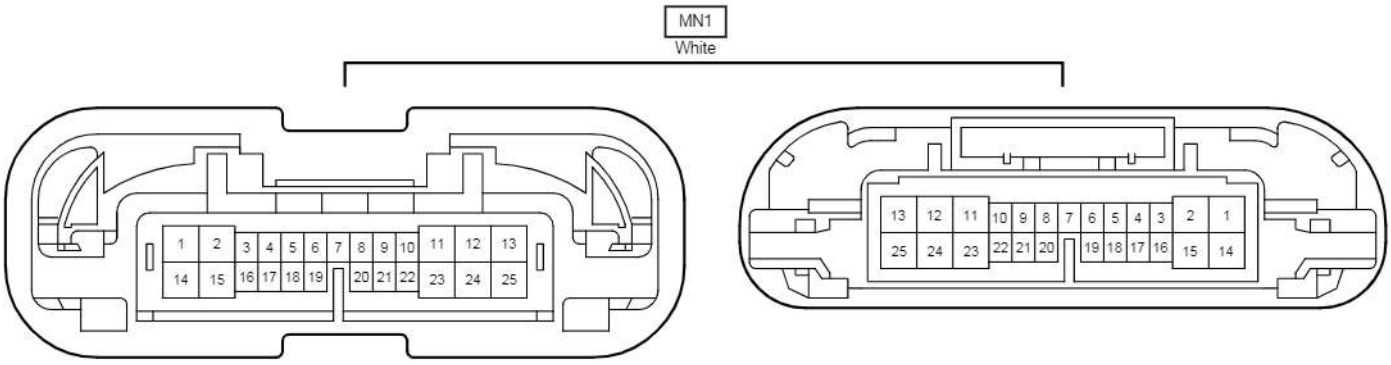


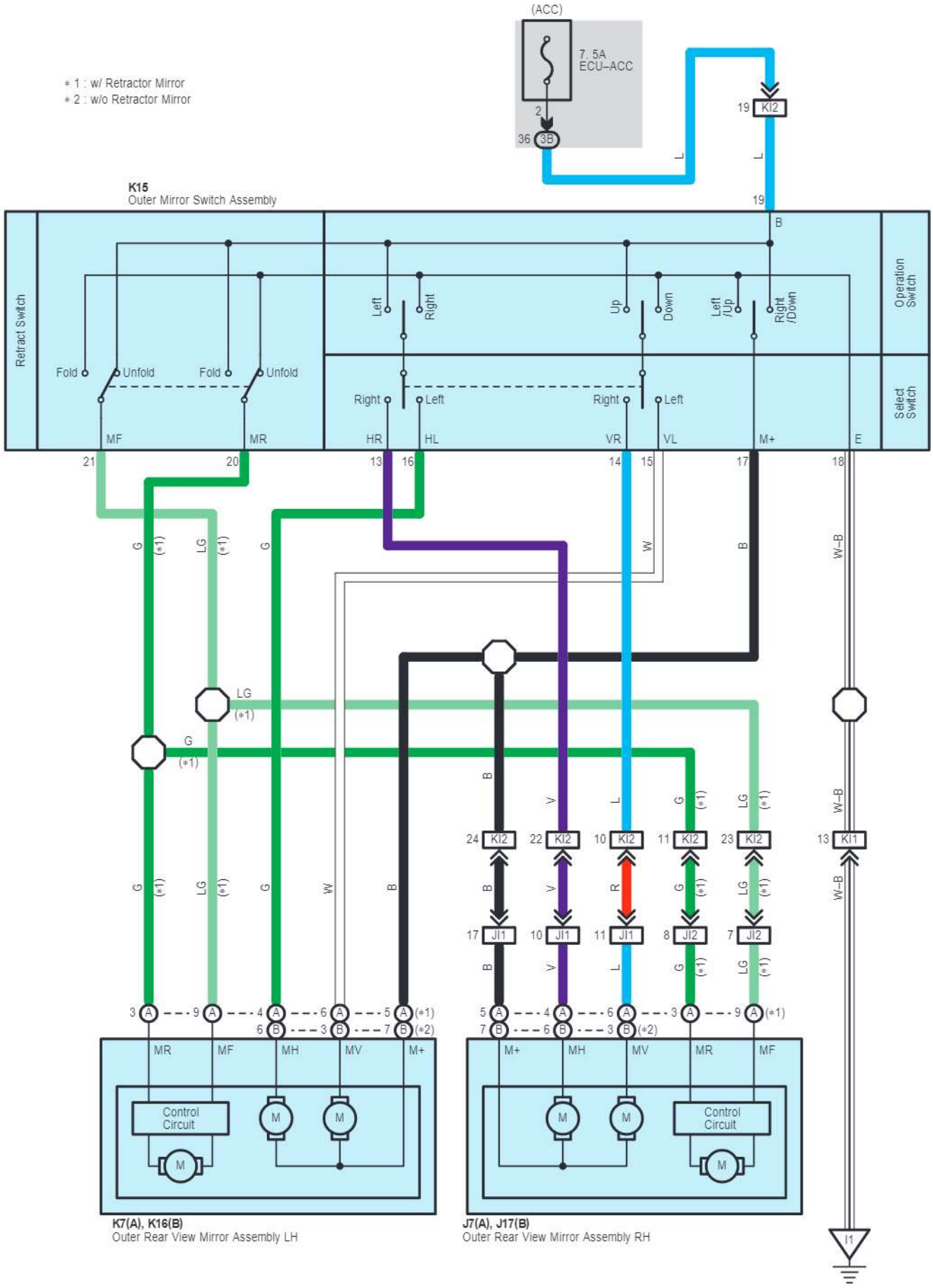
KI2
White



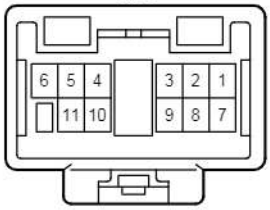
LO1
White



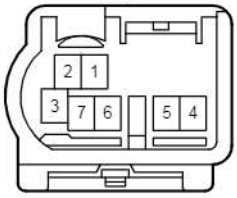

MN1
White
1 2 3 4 5 6 7 8 9 10 11 12 13
14 15 16 17 18 19 20 21 22 23 24 25
13 12 11 10 9 8 7 6 5 4 3 2 1
25 24 23 22 21 20 19 18 17 16 15 14


* 1 : w/ Retractor Mirror
* 2 : w/o Retractor Mirror
(ACC)
7. 5A
ECU-ACC
2
36 3B
19 KI2
L
L
19
K15
Outer Mirror Switch Assembly
B
Retract Switch
Operation Switch
Select Switch
Left
Right
Up
Down
Left /Up
Right /Down
Fold
Unfold
Fold
Unfold
Right
Left
Right
Left
MF
MR
HR
HL
VR
VL
M+
E
21
20
13
16
14
15
17
18
G (*1)
LG (*1)
G
W
B
W-B
LG (*1)
G (*1)
B
V
L
G (*1)
LG (*1)
R
24 KI2
22 KI2
10 KI2
11 KI2
23 KI2
13 KI1
17 JI1
10 JI1
11 JI1
8 JI2
7 JI2
3 A
9 A
4 A
6 A
5 A (*1)
6 B
3 B
7 B (*2)
5 A
4 A
6 A
3 A
9 A (*1)
7 B
6 B
3 B (*2)
MR
MF
MH
MV
M+
M+
MH
MV
MR
MF
Control Circuit
M
M
M
M
Control Circuit
K7(A), K16(B)
Outer Rear View Mirror Assembly LH
J7(A), J17(B)
Outer Rear View Mirror Assembly RH
I1

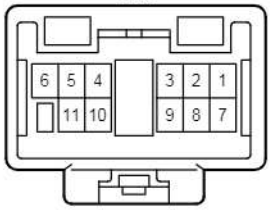
J 7
White



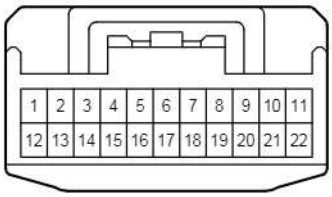
J 17
White



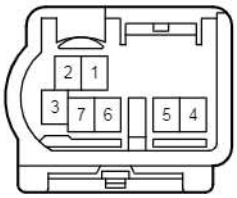
K 7
White



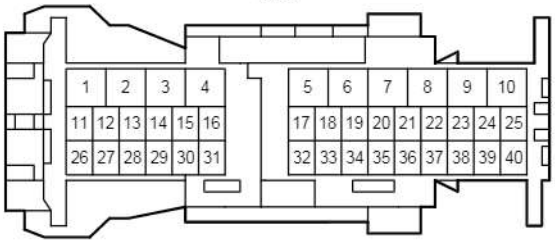
K 15
White



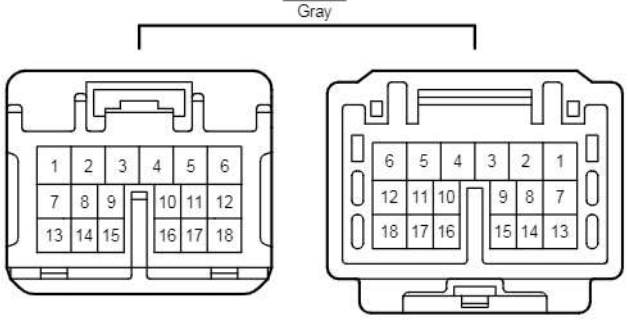
K 16
White



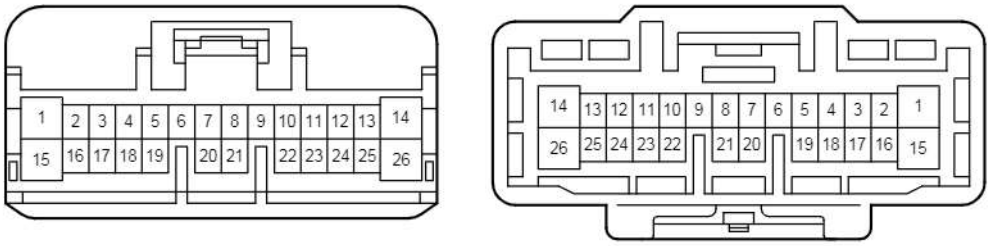
3B
White



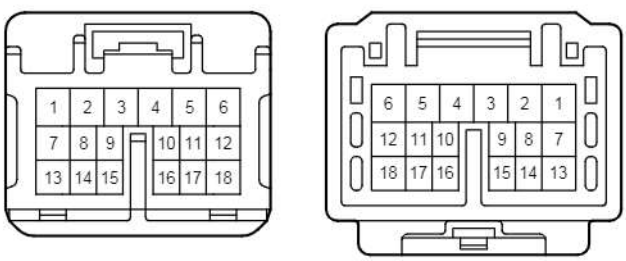
JI1
Gray

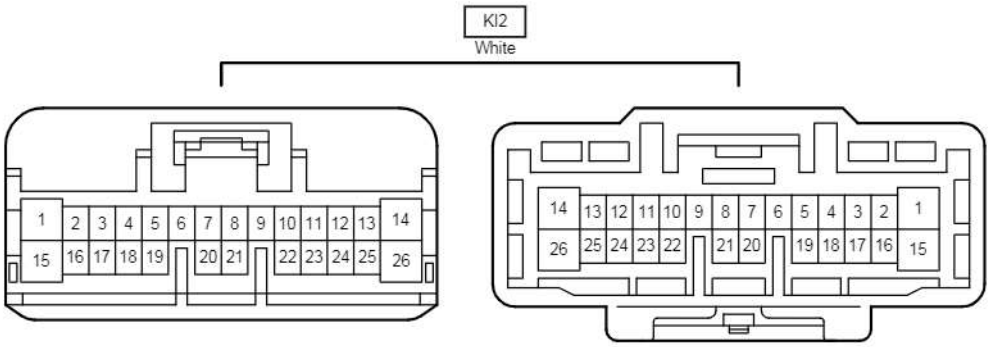


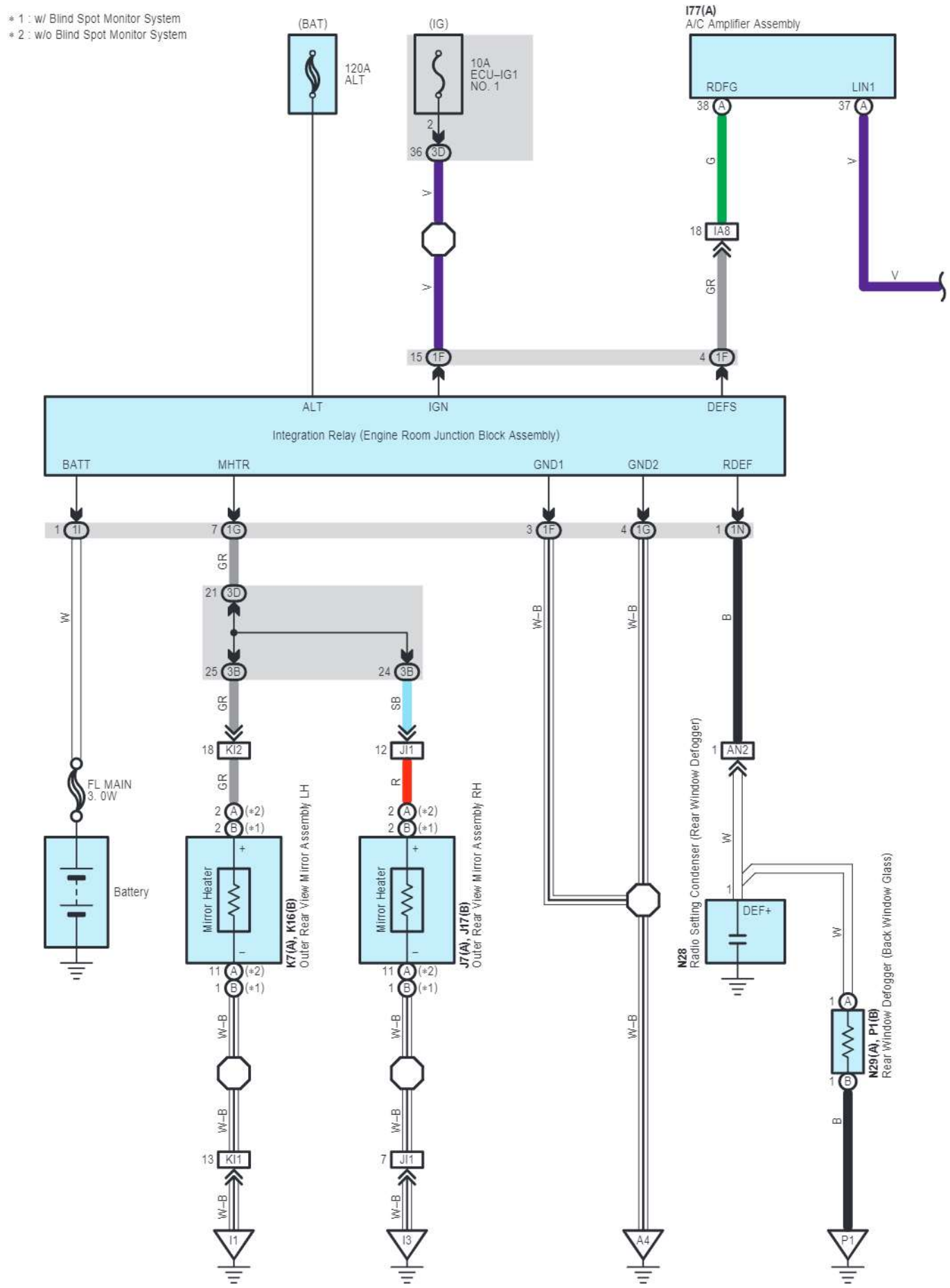
JI2
Blue

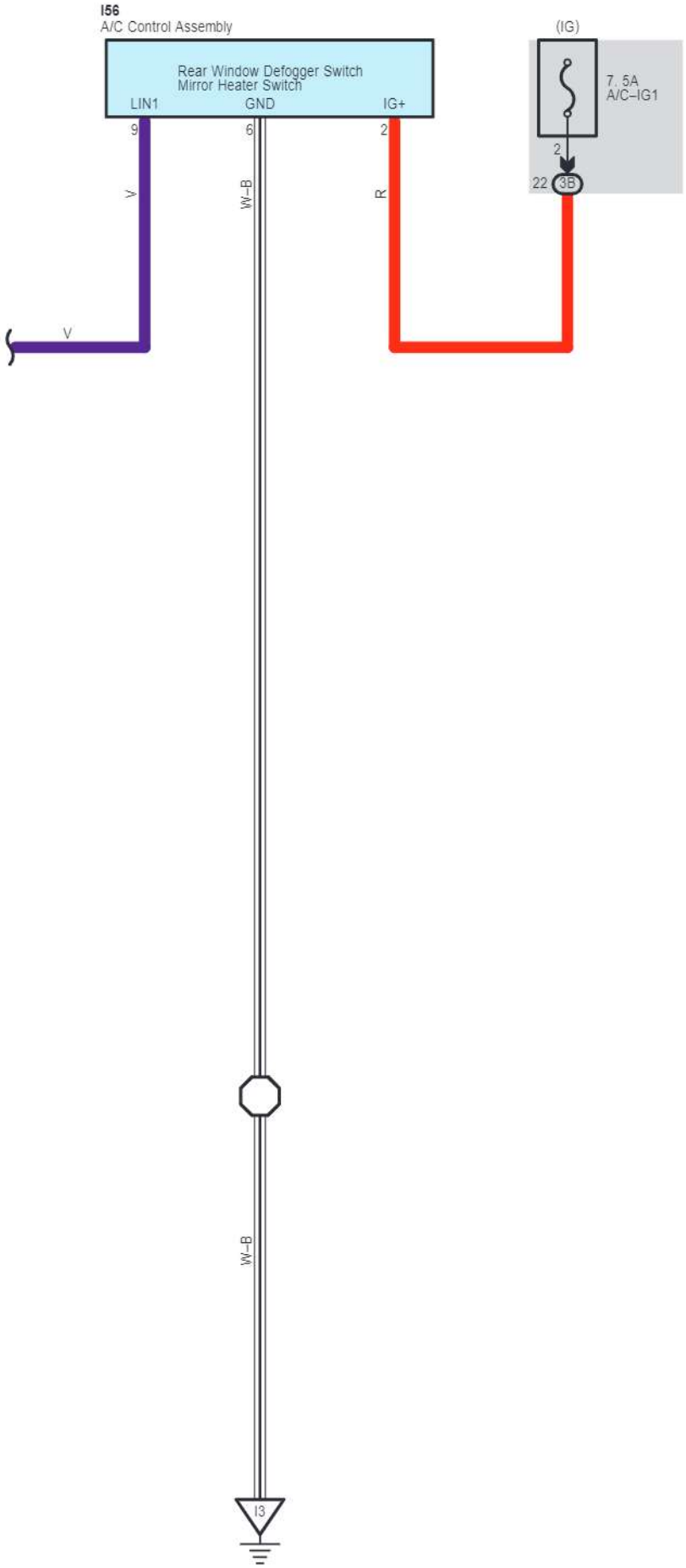


KI1
White

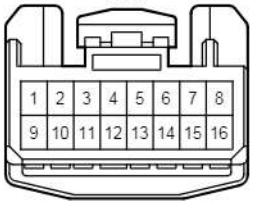



KI2
White
1 2 3 4 5 6 7 8 9 10 11 12 13 14
15 16 17 18 19 20 21 22 23 24 25 26
14 13 12 11 10 9 8 7 6 5 4 3 2 1
26 25 24 23 22 21 20 19 18 17 16 15

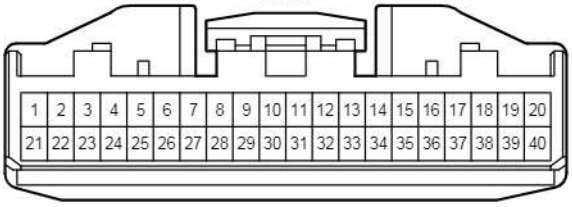

* 1 : w/ Blind Spot Monitor System
* 2 : w/o Blind Spot Monitor System
(BAT)
120A
ALT
(IG)
10A
ECU–IG1
NO. 1
I77(A)
A/C Amplifier Assembly
RDFG
LIN1
38 A
37 A
G
V
18 IA8
GR
V
36 3D
2
V
15 1F
4 1F
ALT
IGN
DEFS
Integration Relay (Engine Room Junction Block Assembly)
BATT
MHTR
GND1
GND2
RDEF
1 1I
7 1G
3 1F
4 1G
1 1N
W
GR
21 3D
25 3B
24 3B
GR
SB
18 KI2
12 JI1
GR
R
2 A (*2)
2 B (*1)
FL MAIN
3. 0W
Battery
Mirror Heater
K7(A), K16(B)
Outer Rear View Mirror Assembly LH
J7(A), J17(B)
Outer Rear View Mirror Assembly RH
11 A (*2)
1 B (*1)
W–B
13 KI1
7 JI1
I1
I3
A4
B
1 AN2
W
1
DEF+
N28
Radio Setting Condenser (Rear Window Defogger)
1 A
1 B
N29(A), P1(B)
Rear Window Defogger (Back Window Glass)
P1


I56
A/C Control Assembly
Rear Window Defogger Switch
Mirror Heater Switch
LIN1
GND
IG+
9
6
2
V
W-B
R
V
(IG)
7. 5A
A/C-IG1
2
22
3B
W-B
I3

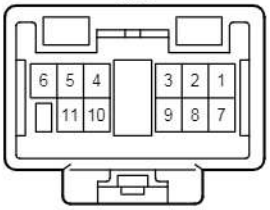
I 56
Black



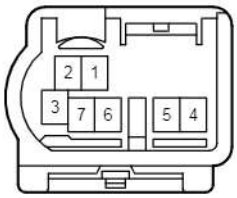
I 77
White



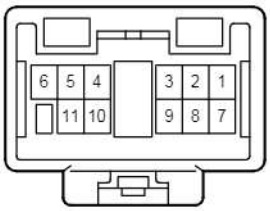
J 7
White



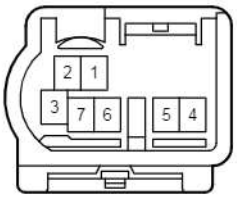
J 17
White



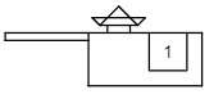
K 7
White



K 16
White



N 28
Black



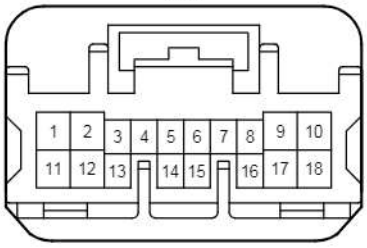
N 29
Black



P 1
Black



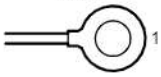
1F
White



1G
White



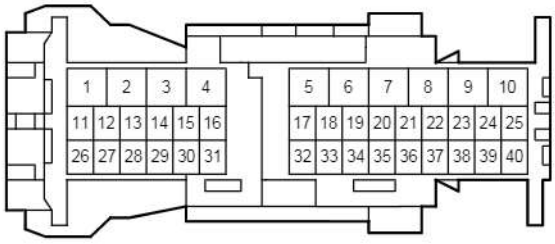
1I
White



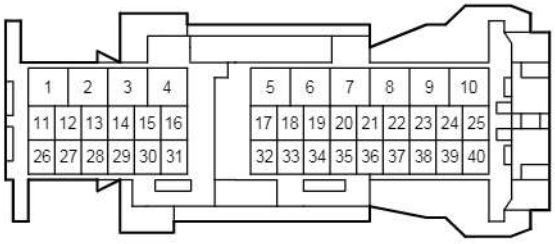
1N



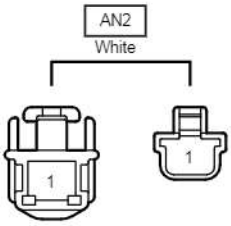
3B
White



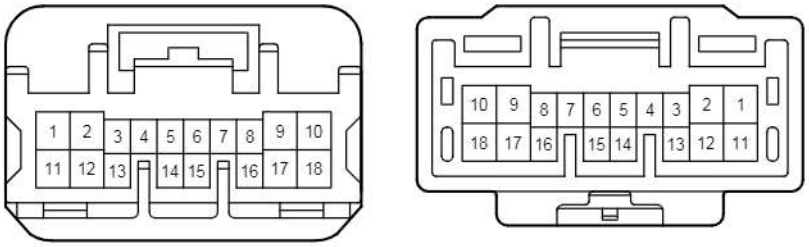
3D
White



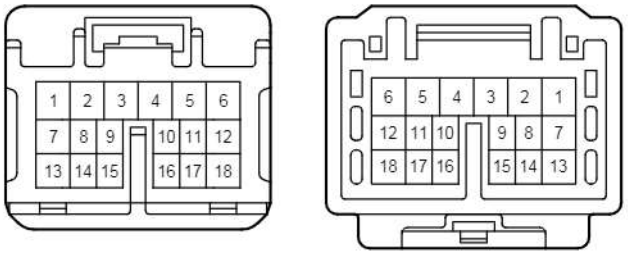
AN2
White



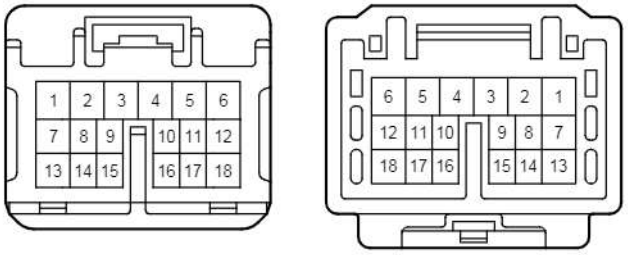
IA8
Gray



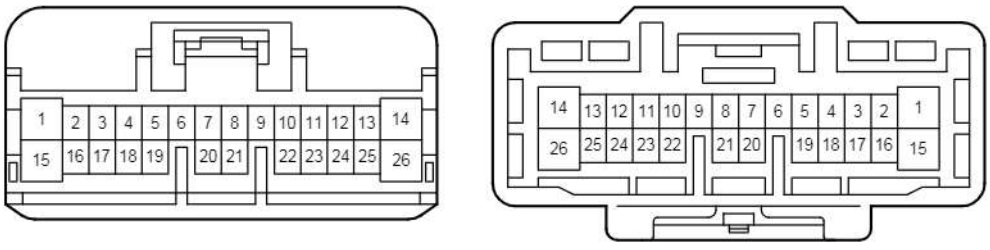
JI1
Gray

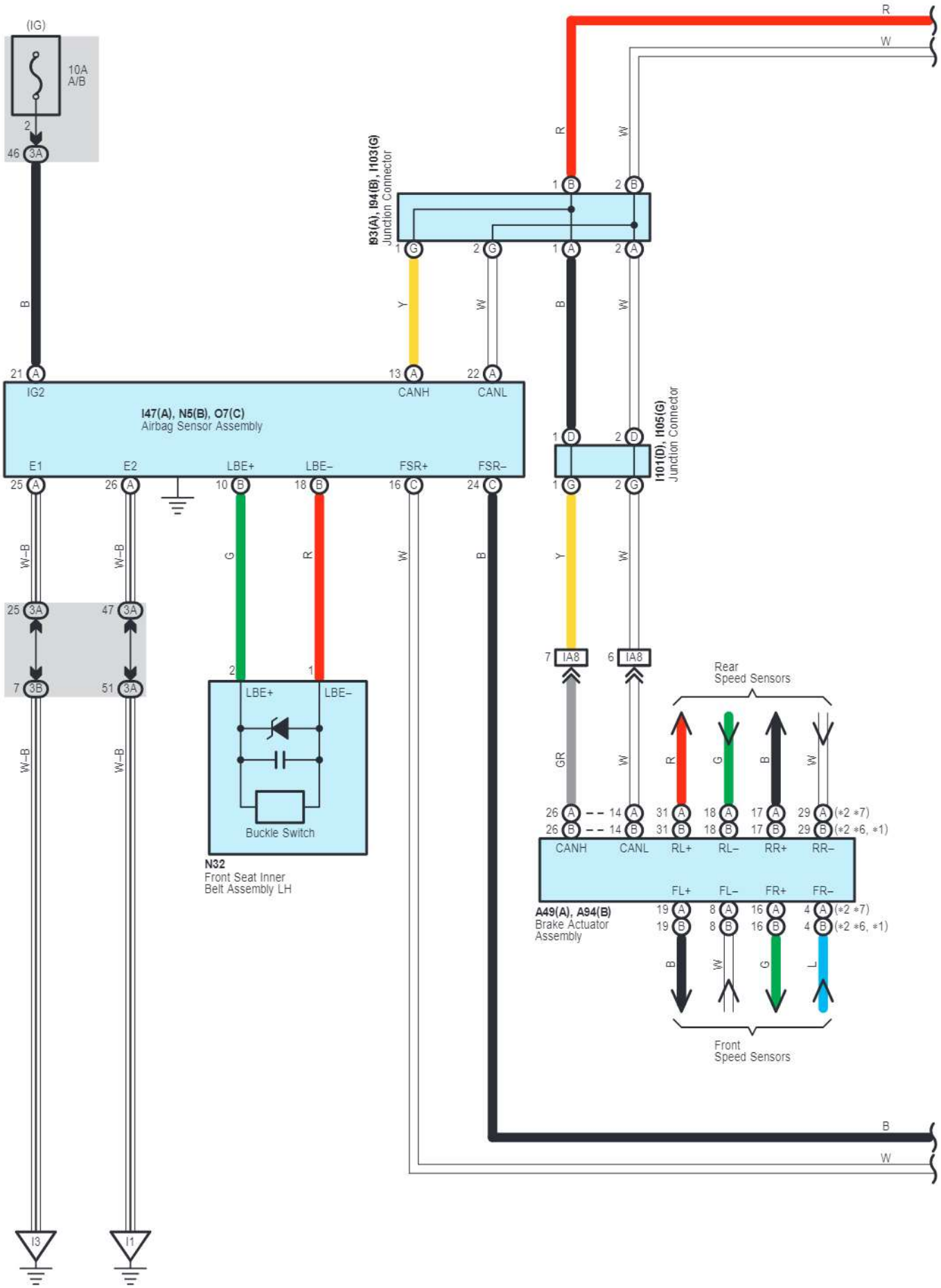


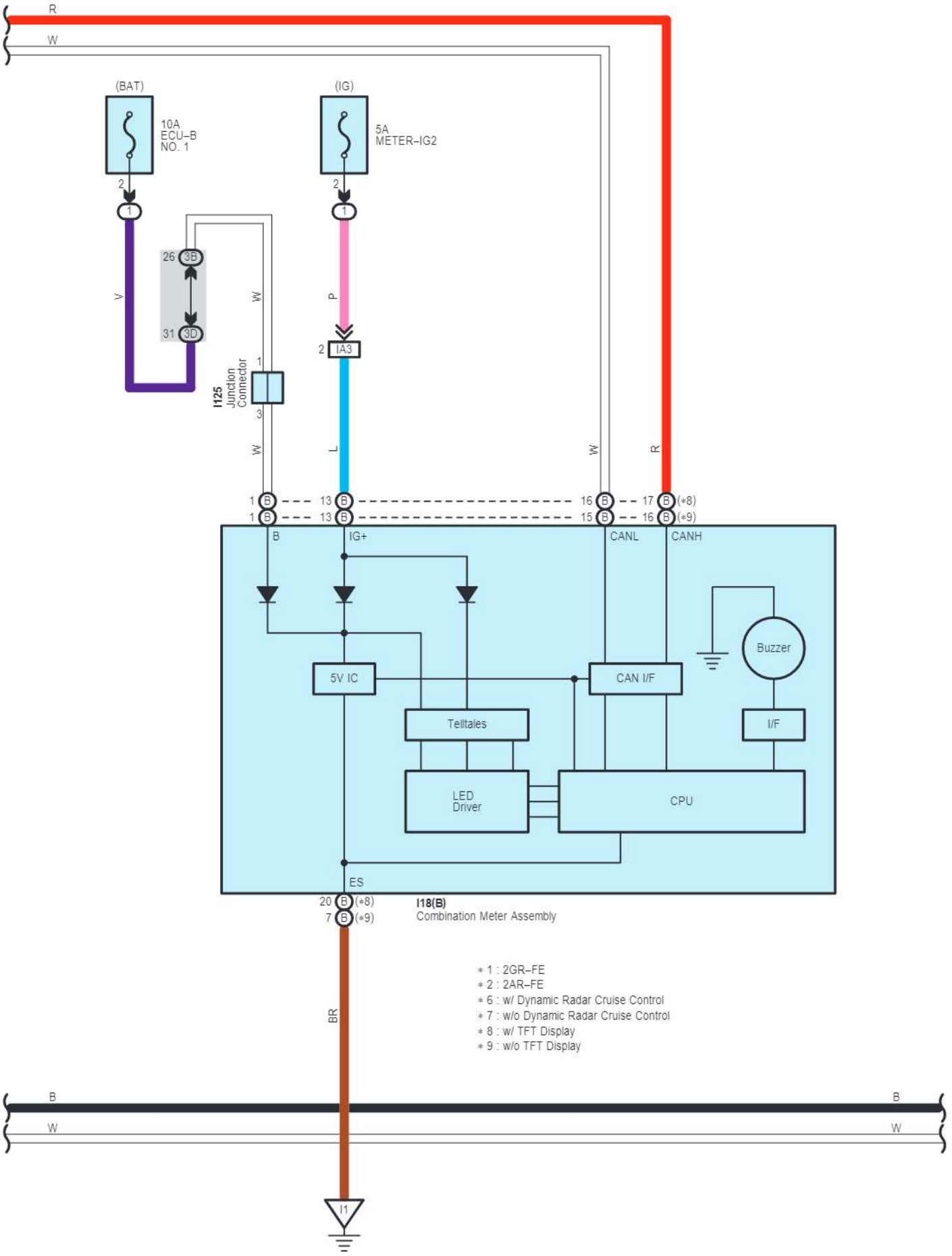
KI1
White

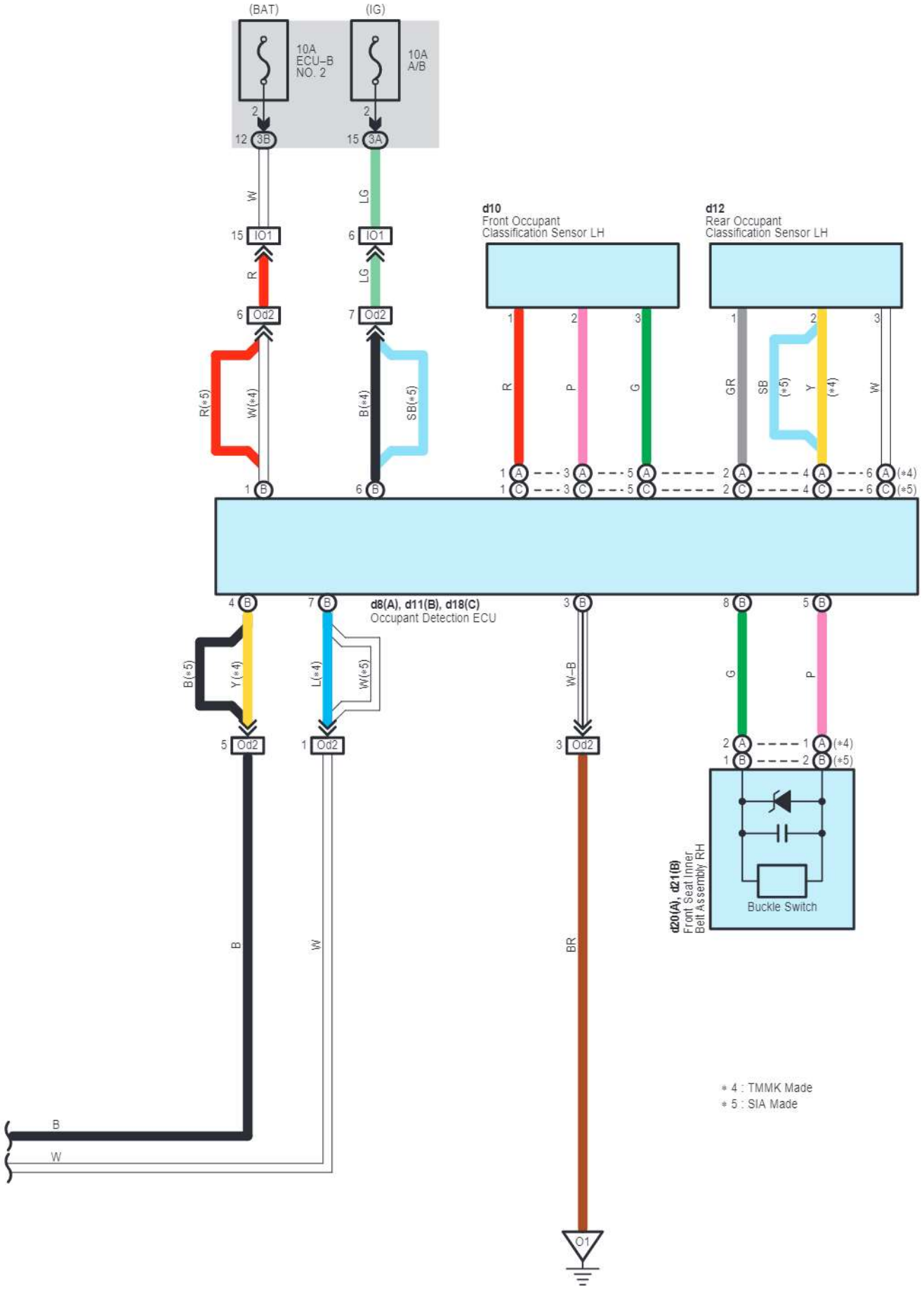


KI2
White

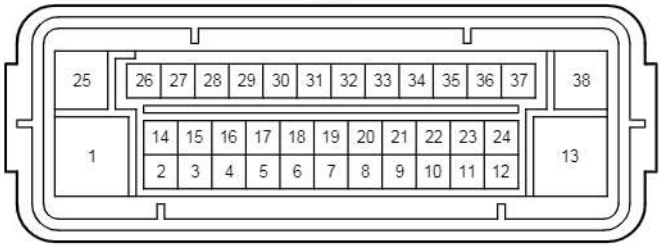



(IG)
10A
A/B
2
46 3A
B
21 A
IG2
I47(A), N5(B), O7(C)
Airbag Sensor Assembly
E1
E2
LBE+
LBE–
FSR+
FSR–
25 A
26 A
10 B
18 B
16 C
24 C
W–B
W–B
25 3A
47 3A
7 3B
51 3A
W–B
W–B
I3
I1
G
R
W
B
2
1
LBE+
LBE–
Buckle Switch
N32
Front Seat Inner
Belt Assembly LH
I93(A), I94(B), I103(G)
Junction Connector
1 G
2 G
1 A
2 A
Y
W
B
W
13 A
CANH
22 A
CANL
R
W
1 B
2 B
1 D
2 D
1 G
2 G
I101(D), I105(G)
Junction Connector
Y
W
7 IA8
6 IA8
GR
W
26 A
26 B
14 A
14 B
CANH
CANL
Rear
Speed Sensors
R
G
B
W
31 A
31 B
18 A
18 B
17 A
17 B
29 A
29 B
(*2 *7)
(*2 *6, *1)
RL+
RL–
RR+
RR–
FL+
FL–
FR+
FR–
A49(A), A94(B)
Brake Actuator
Assembly
19 A
19 B
8 A
8 B
16 A
16 B
4 A
4 B
(*2 *7)
(*2 *6, *1)
B
W
G
L
Front
Speed Sensors
B
W

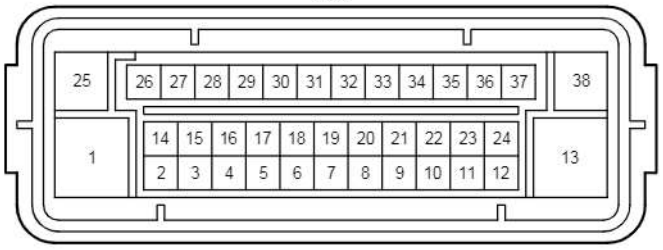

R
W
(BAT)
10A
ECU–B
NO. 1
(IG)
5A
METER–IG2
2
1
26 3B
31 3D
V
W
P
2 IA3
I125
Junction
Connector
1
3
W
L
W
R
1 B
13 B
16 B
17 B (*8)
15 B
16 B (*9)
B
IG+
CANL
CANH
5V IC
CAN I/F
Buzzer
I/F
Telltales
LED
Driver
CPU
ES
20 B (*8)
7 B (*9)
I18(B)
Combination Meter Assembly
BR
B
W
I1
* 1 : 2GR–FE
* 2 : 2AR–FE
* 6 : w/ Dynamic Radar Cruise Control
* 7 : w/o Dynamic Radar Cruise Control
* 8 : w/ TFT Display
* 9 : w/o TFT Display


(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
R(*5)
W(*4)
B(*4)
SB(*5)
1 B
6 B
d10
Front Occupant
Classification Sensor LH
d12
Rear Occupant
Classification Sensor LH
R
P
G
GR
SB (*5)
Y (*4)
W
(*4)
(*5)
d8(A), d11(B), d18(C)
Occupant Detection ECU
4 B
7 B
3 B
8 B
5 B
B(*5)
Y(*4)
L(*4)
W(*5)
W-B
G
P
5 Od2
1 Od2
3 Od2
B
W
BR
d20(A), d21(B)
Front Seat Inner
Belt Assembly RH
Buckle Switch
O1
* 4 : TMMK Made
* 5 : SIA Made

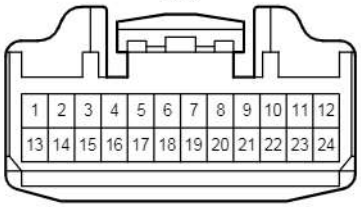
A 49
Black



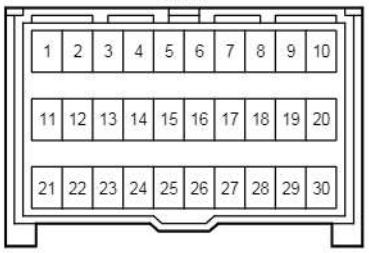
A 94
Black



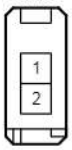
I 18
Black



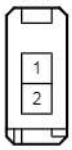
I 47
Yellow



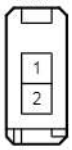
I 93
White



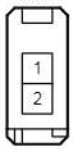
I 94
White



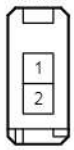
I101
White



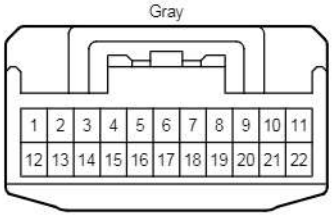
I103
White



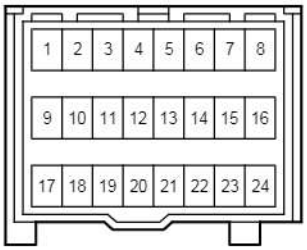
I105
White



I125
Gray



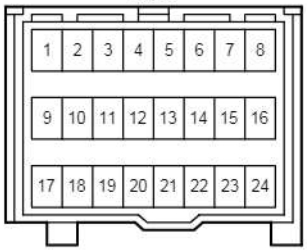
N 5
Yellow



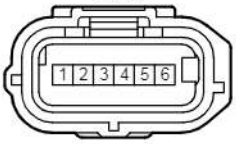
N 32
White



O 7
Yellow



d 8
Black



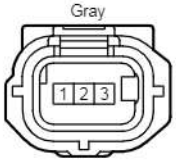
d 10
Black



d 11
Black



d 12
Gray



d 18
Gray



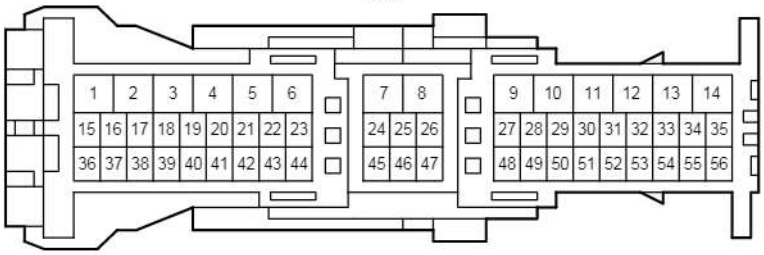
d 20
Gray



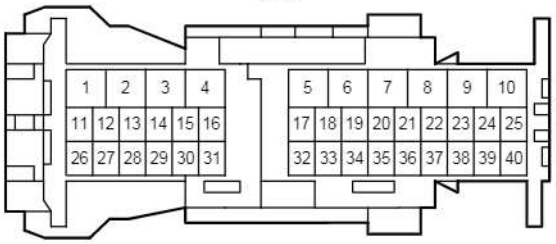
d 21
Gray



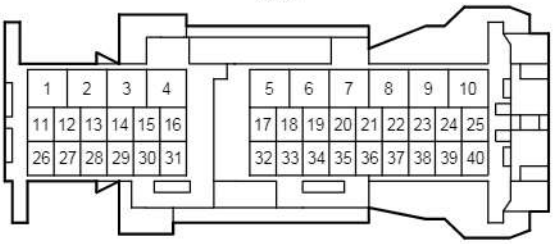
3A
White



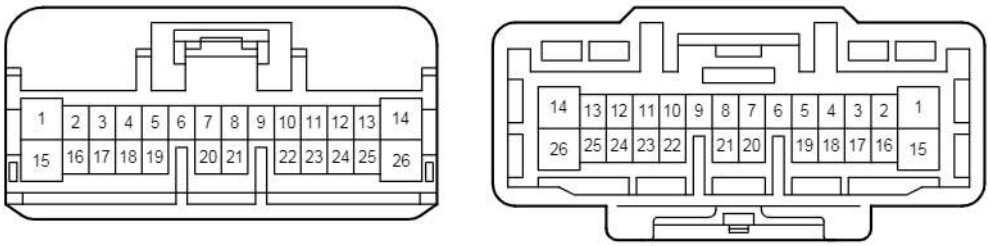
3B
White



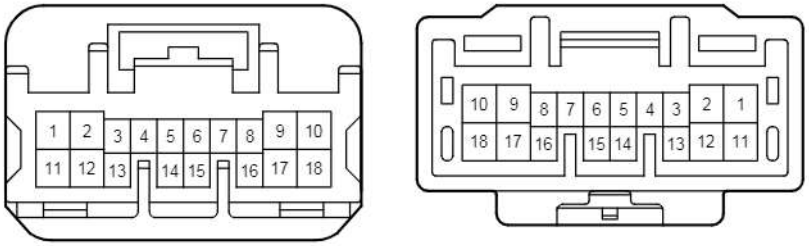
3D
White

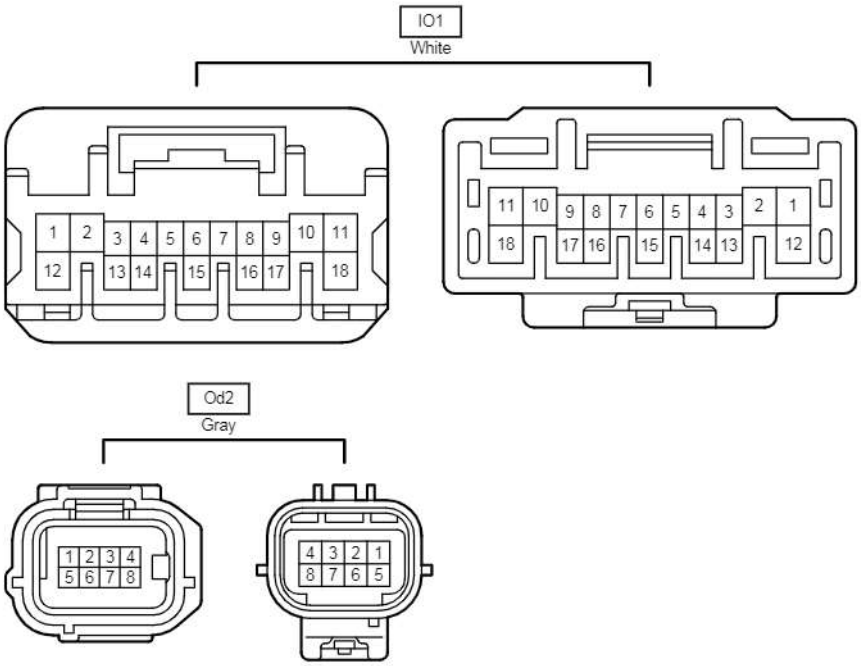


IA3
Blue

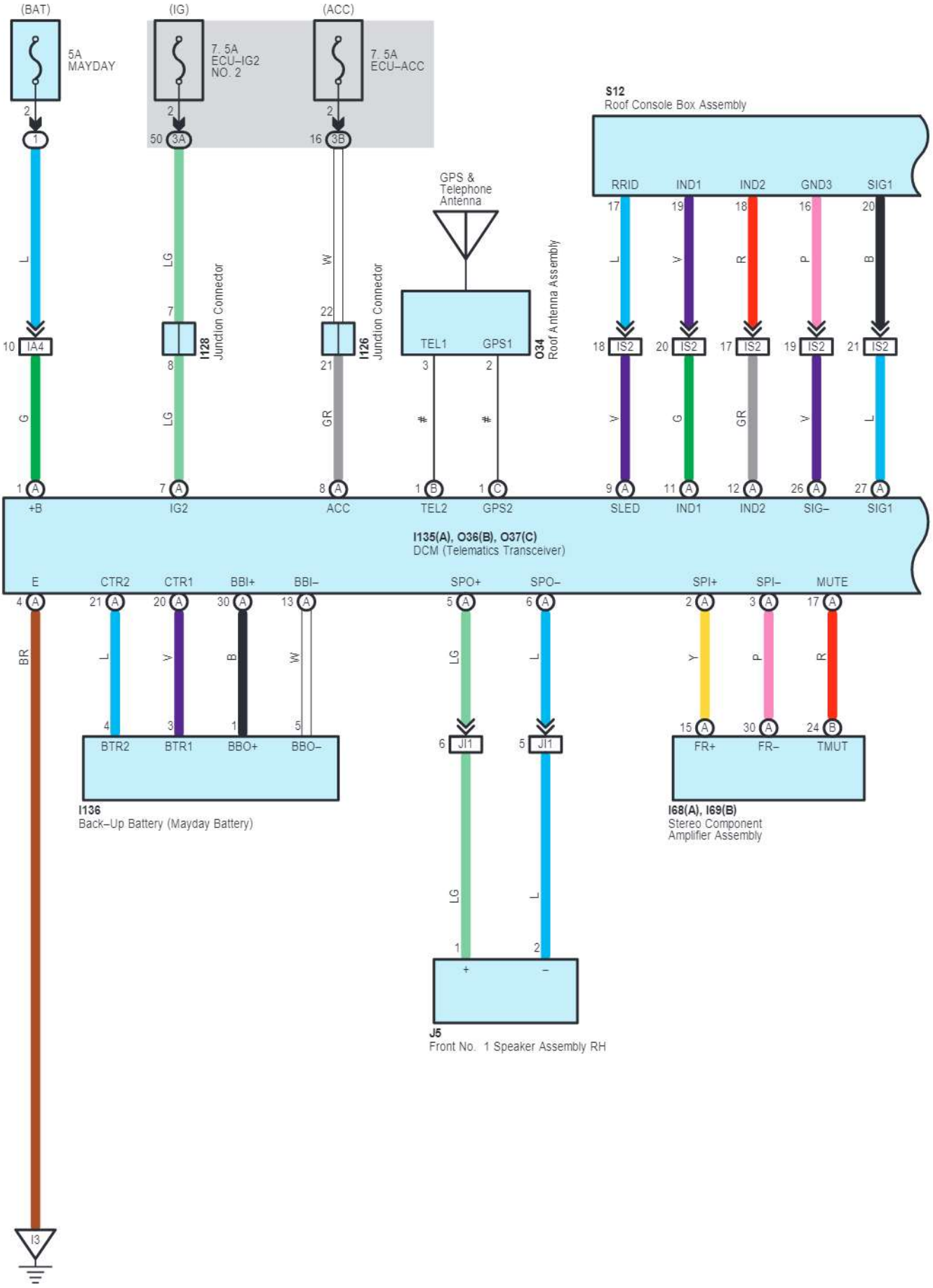


IA8
Gray

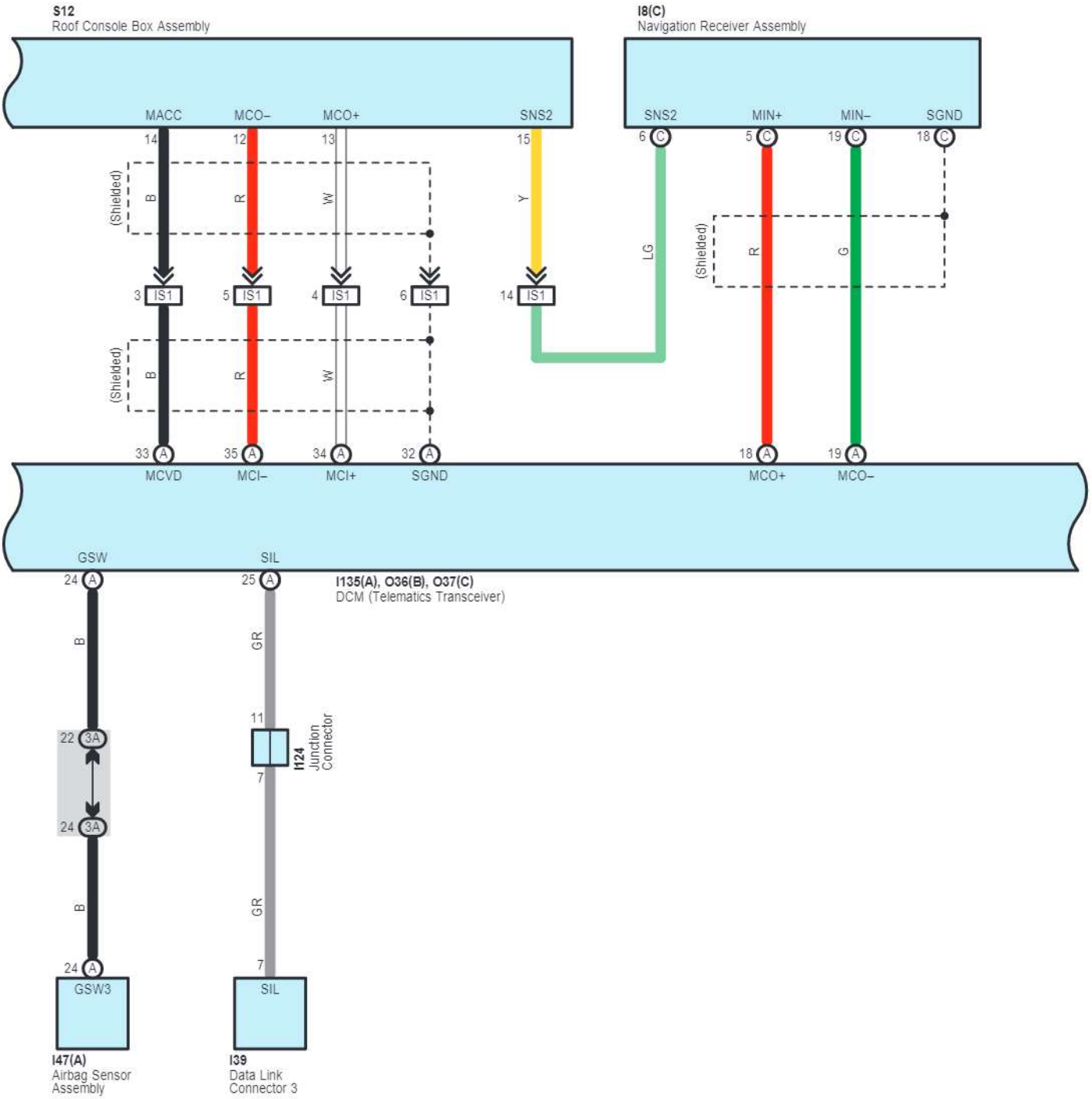


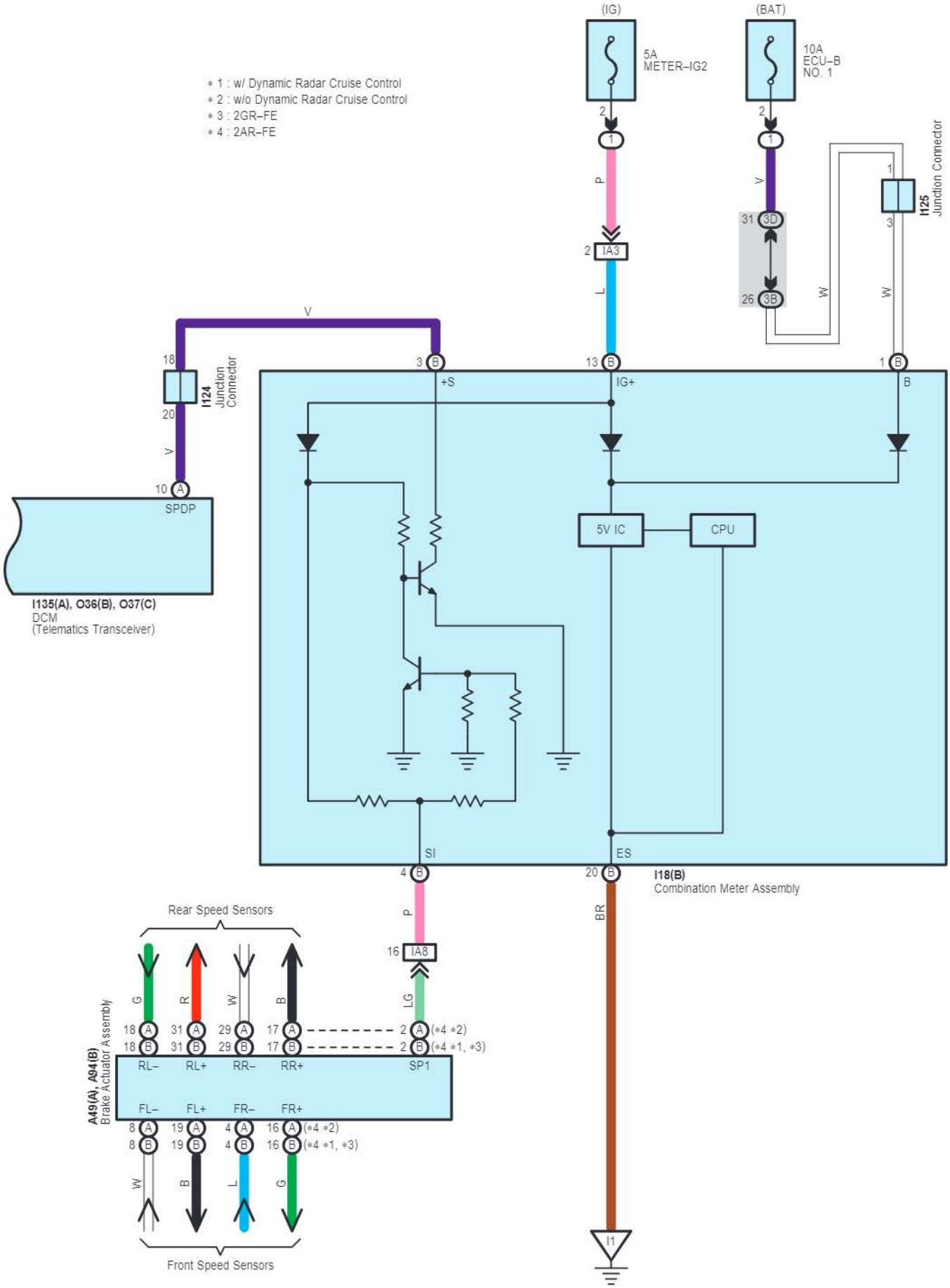

IO1
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18
11 10 9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12

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

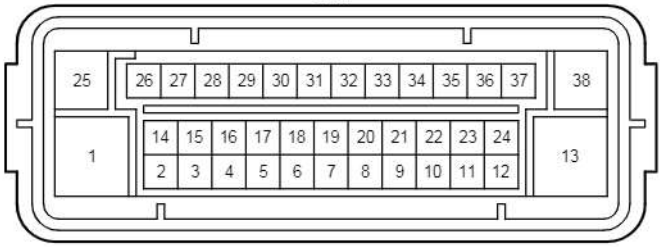

(BAT)
5A
MAYDAY
(IG)
7. 5A
ECU–IG2
NO. 2
(ACC)
7. 5A
ECU–ACC
S12
Roof Console Box Assembly
RRID
IND1
IND2
GND3
SIG1
GPS &
Telephone
Antenna
I128
Junction Connector
I126
Junction Connector
O34
Roof Antenna Assembly
TEL1
GPS1
IA4
IS2
+B
IG2
ACC
TEL2
GPS2
SLED
IND1
IND2
SIG–
SIG1
I135(A), O36(B), O37(C)
DCM (Telematics Transceiver)
E
CTR2
CTR1
BBI+
BBI–
SPO+
SPO–
SPI+
SPI–
MUTE
BTR2
BTR1
BBO+
BBO–
I136
Back–Up Battery (Mayday Battery)
JI1
FR+
FR–
TMUT
I68(A), I69(B)
Stereo Component
Amplifier Assembly
J5
Front No. 1 Speaker Assembly RH
I3

:There is no wire color information.

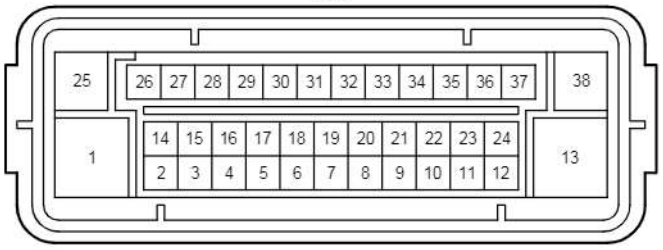



(IG)
5A
METER–IG2
(BAT)
10A
ECU–B
NO. 1
* 1 : w/ Dynamic Radar Cruise Control
* 2 : w/o Dynamic Radar Cruise Control
* 3 : 2GR–FE
* 4 : 2AR–FE
I125
Junction Connector
IA3
I124
Junction
Connector
SPDP
I135(A), O36(B), O37(C)
DCM
(Telematics Transceiver)
+S
IG+
B
5V IC
CPU
SI
ES
I18(B)
Combination Meter Assembly
IA8
Rear Speed Sensors
Front Speed Sensors
A49(A), A94(B)
Brake Actuator Assembly
RL–
RL+
RR–
RR+
SP1
FL–
FL+
FR–
FR+
I1

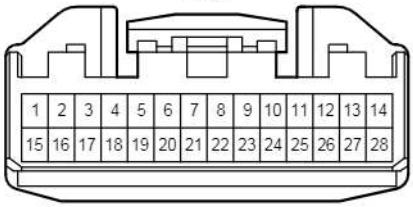
A 49
Black



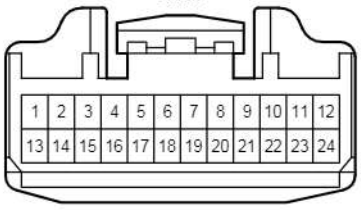
A 94
Black



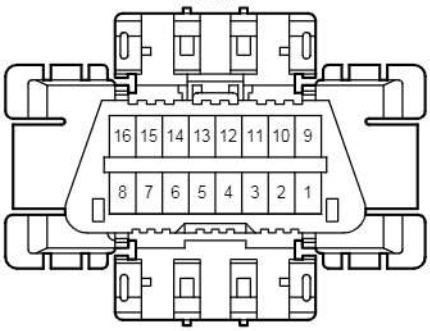
I 8
White



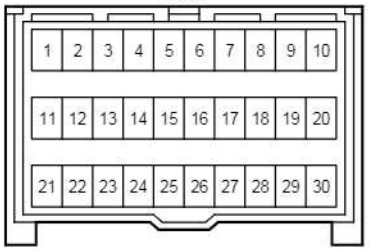
I 18
Black



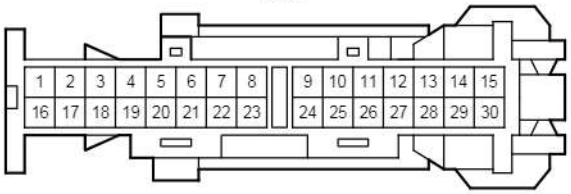
I 39
White



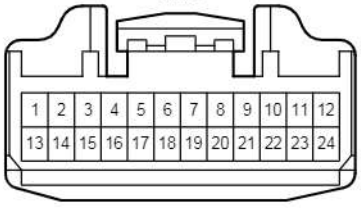
I 47
Yellow



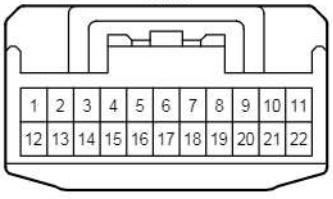
I 68
White



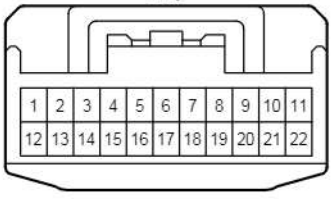
I 69
White



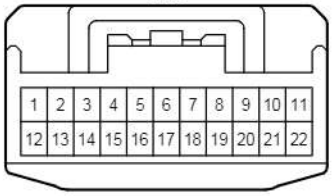
I124
White



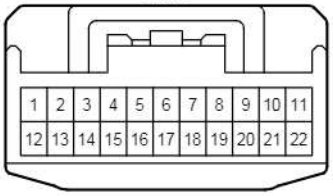
I125
Gray



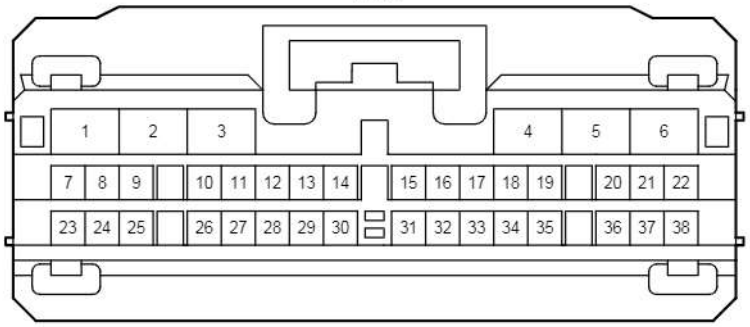
I126
White



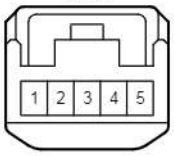
I128
White



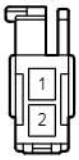
I135
White



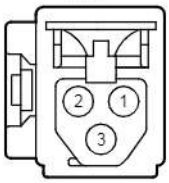
I136
White



J 5
Black



O 34
Blue



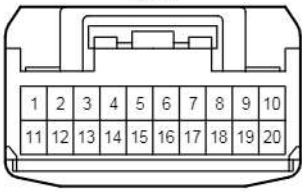
O 36
Blue



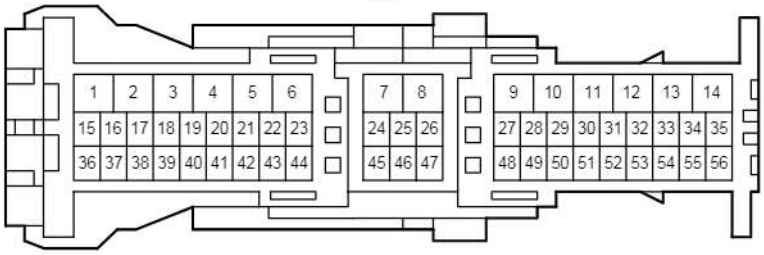
O 37
Gray



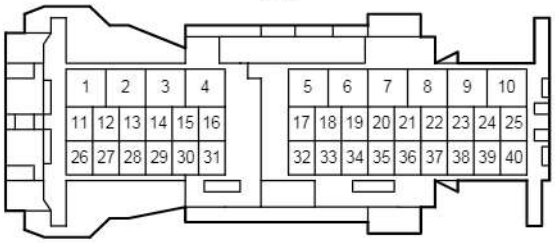
S 12
Black



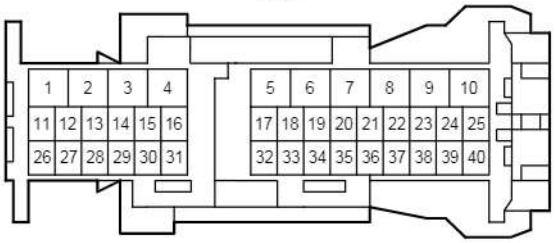
3A
White



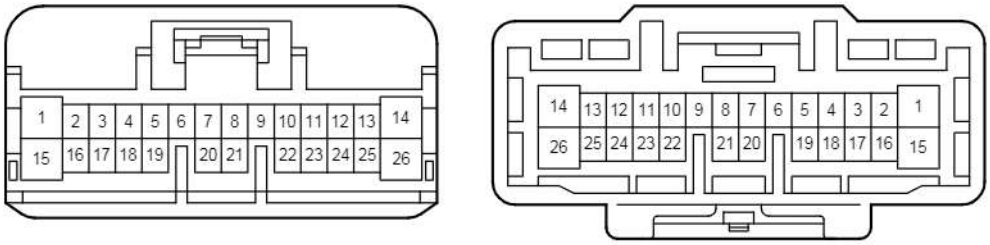
3B
White



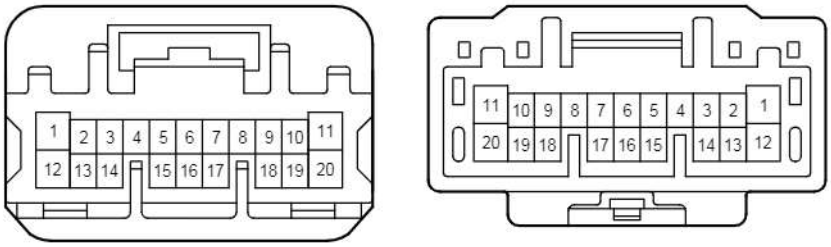
3D
White



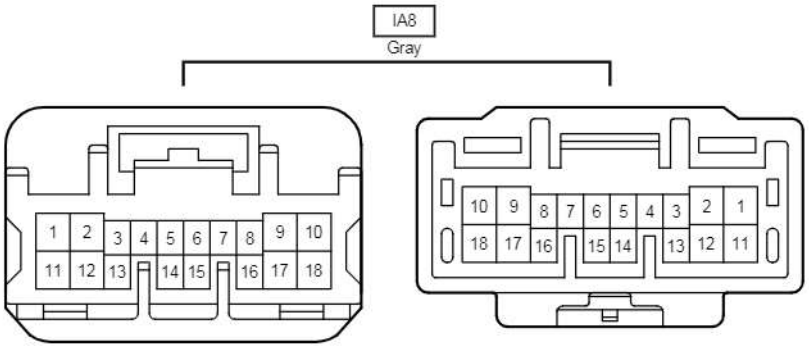
IA3
Blue



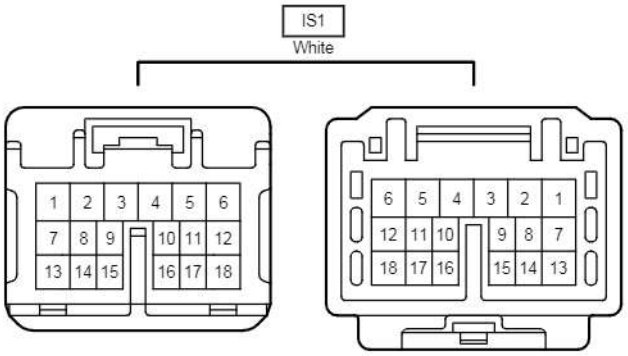
IA4
Gray



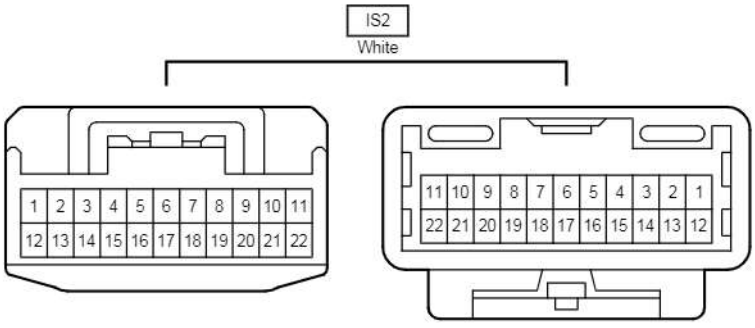
IA8
Gray

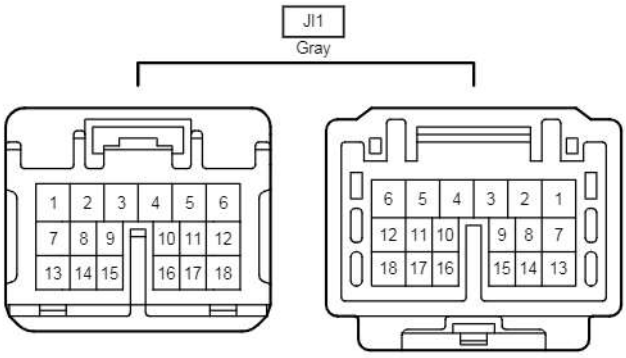


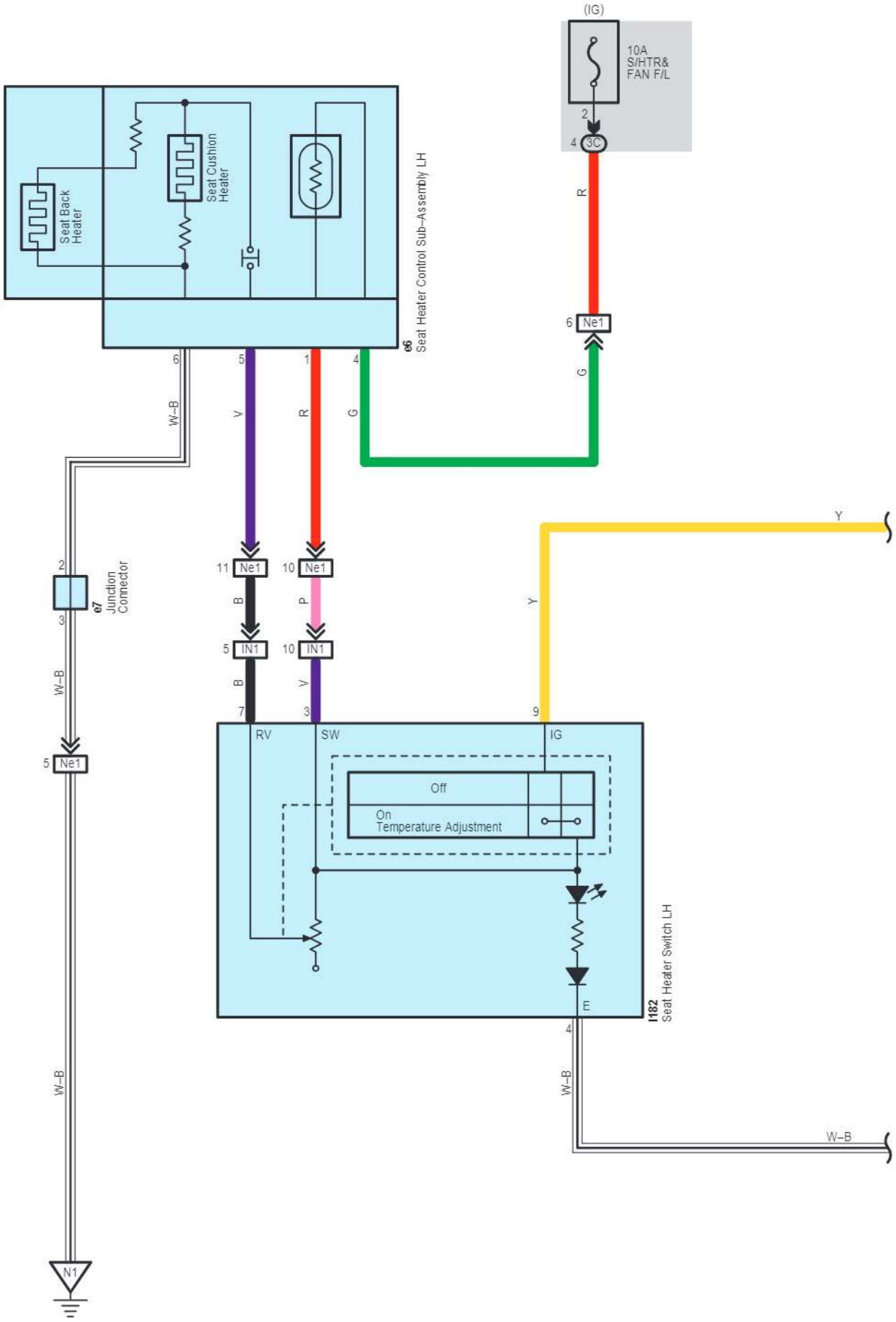
IS1
White

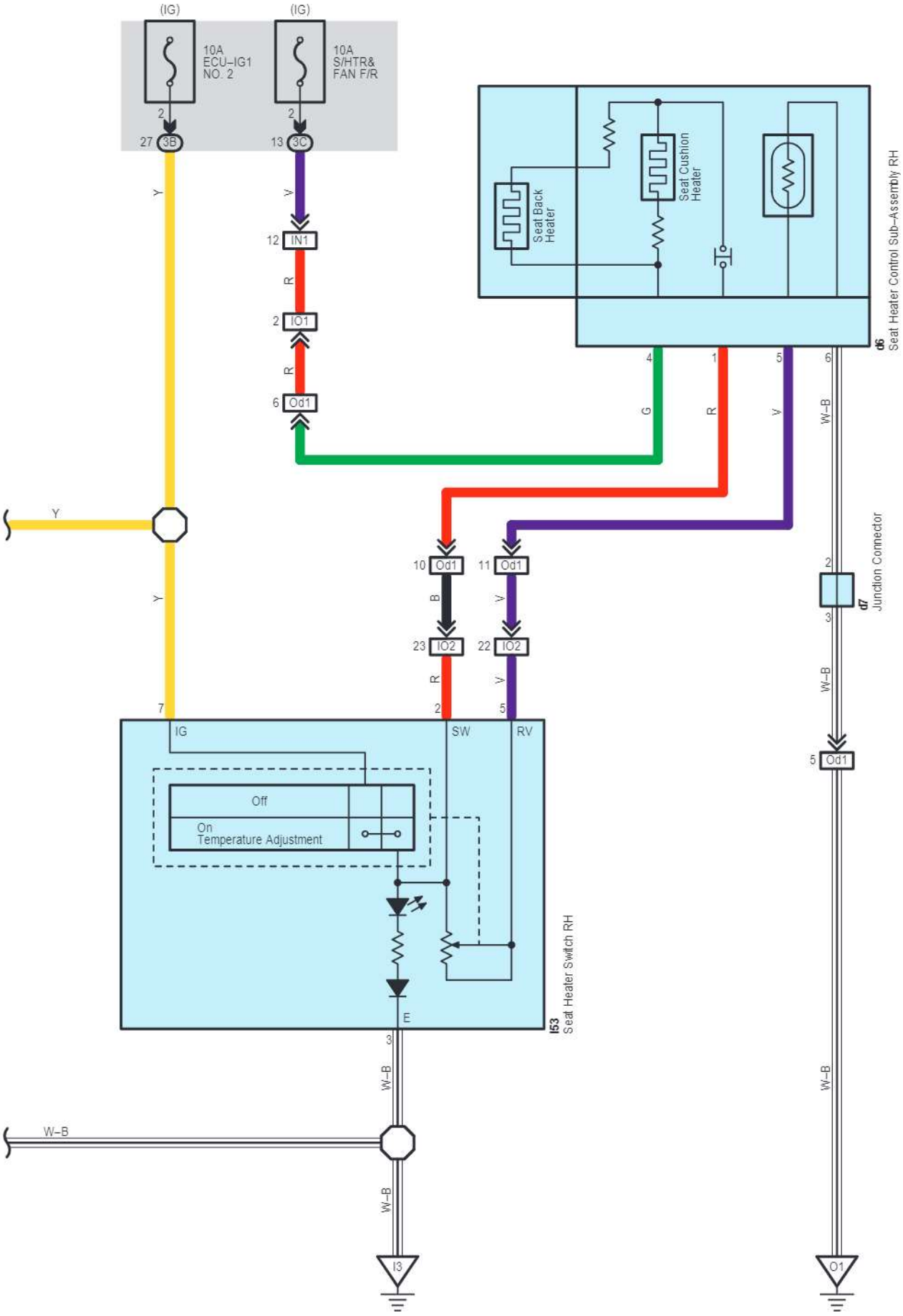


IS2
White

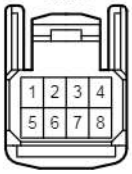



JI1
Gray
1 2 3 4 5 6
7 8 9 10 11 12
13 14 15 16 17 18
6 5 4 3 2 1
12 11 10 9 8 7
18 17 16 15 14 13

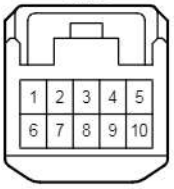

(IG)
10A
S/HTR&
FAN F/L
2
4
3C
R
6
Ne1
G
Seat Back
Heater
Seat Cushion
Heater
e66
Seat Heater Control Sub-Assembly LH
6
5
1
4
W-B
V
R
G
Y
2
e7
Junction
Connector
3
11
Ne1
10
Ne1
B
P
5
IN1
10
IN1
B
V
7
3
9
RV
SW
IG
Off
On
Temperature Adjustment
I182
Seat Heater Switch LH
4
W-B
W-B
5
Ne1
W-B
N1


(IG)
10A
ECU–IG1
NO. 2
(IG)
10A
S/HTR&
FAN F/R
2
27 3B
2
13 3C
Y
V
12 IN1
R
2 IO1
R
6 Od1
Seat Back
Heater
Seat Cushion
Heater
d6
Seat Heater Control Sub–Assembly RH
4
1
5
6
G
R
V
W–B
Y
Y
10 Od1
11 Od1
B
V
23 IO2
22 IO2
R
V
2
5
d7
Junction Connector
3
W–B
5 Od1
7
IG
SW
RV
Off
On
Temperature Adjustment
E
I53
Seat Heater Switch RH
3
W–B
W–B
W–B
I3
O1
W–B

I 53
Black



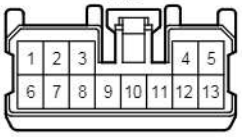
I182
Black



d 6
White



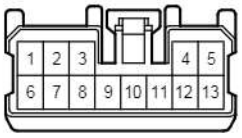
d 7
White



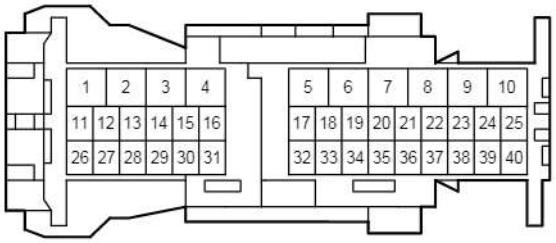
e 6
White



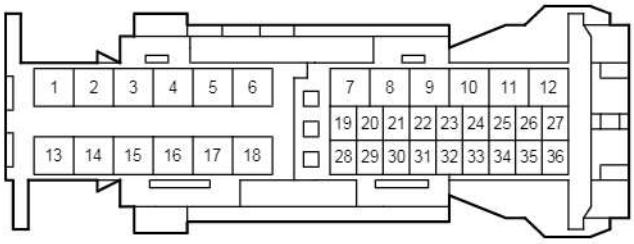
e 7
White



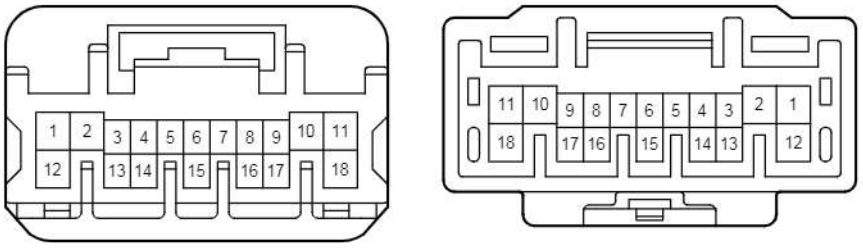
3B
White



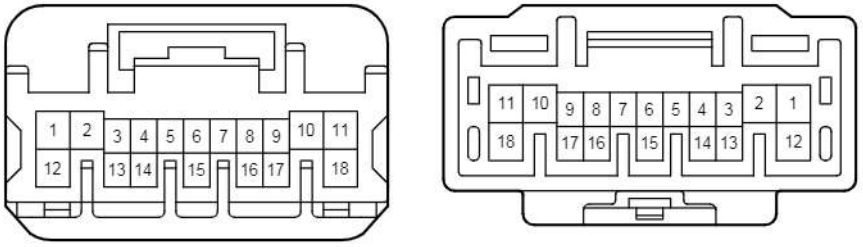
3C
White

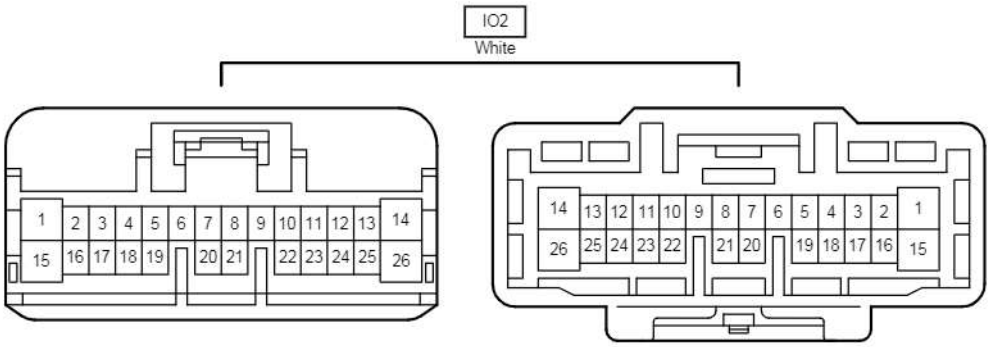


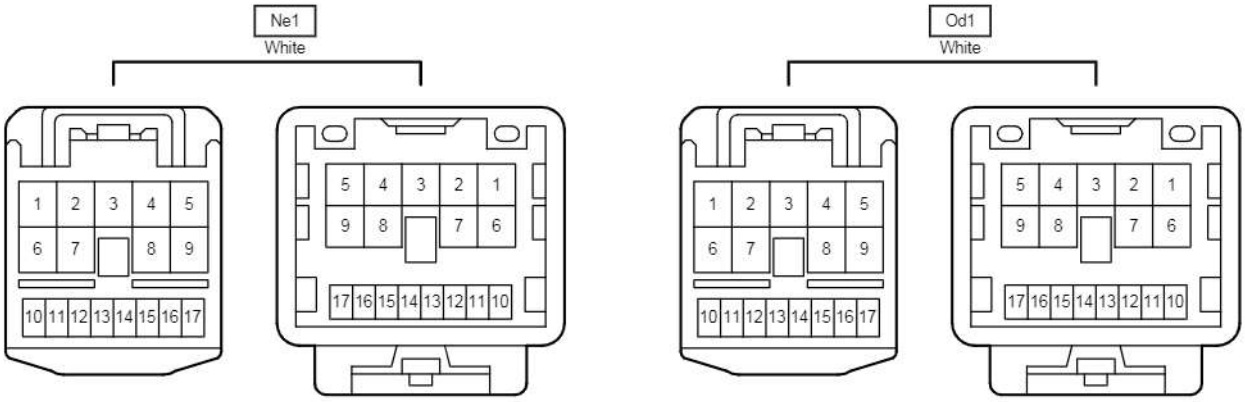
IN1
White

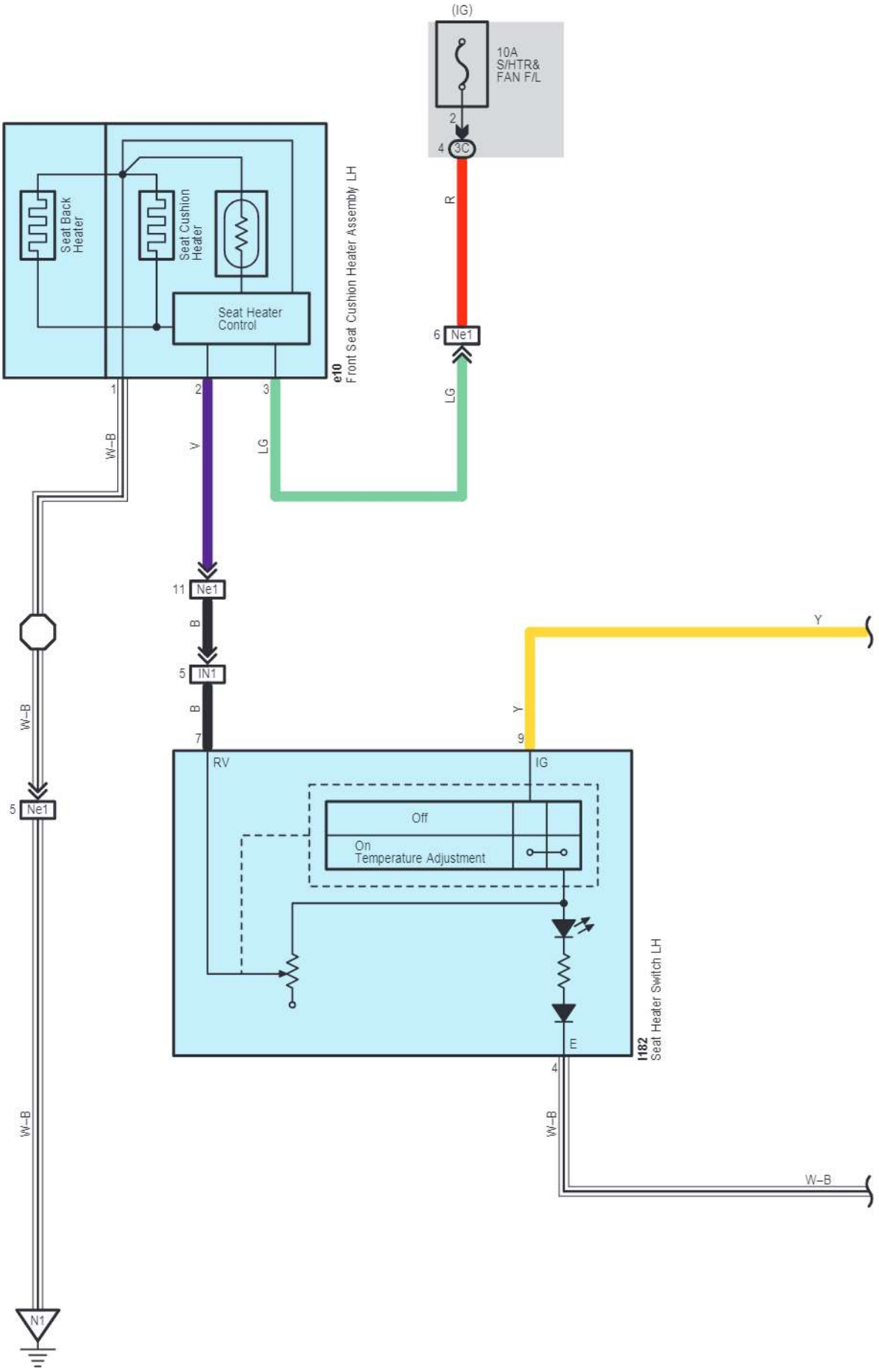


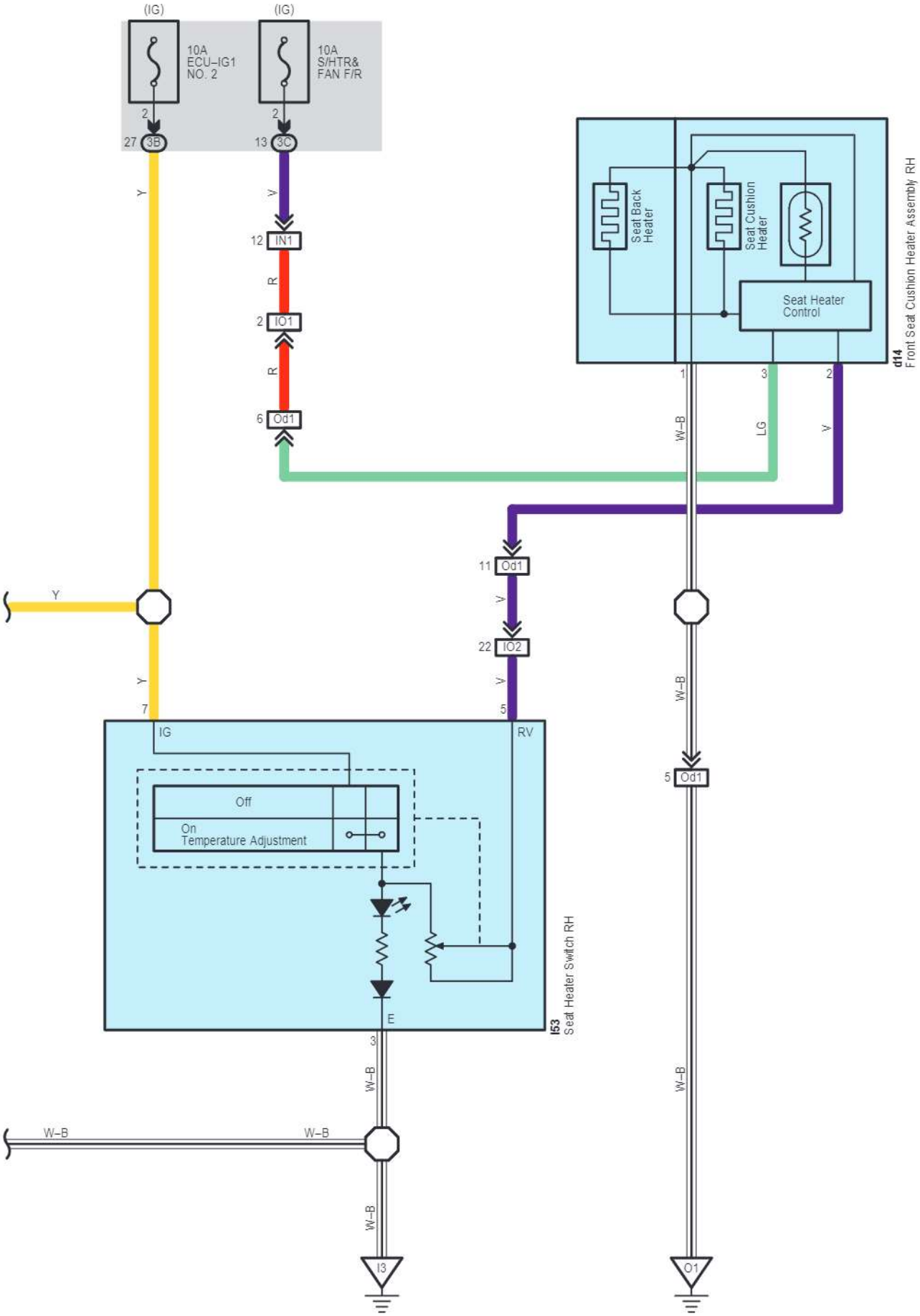
IO1
White



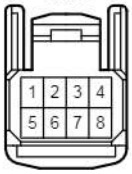

IO2
White
1 2 3 4 5 6 7 8 9 10 11 12 13 14
15 16 17 18 19 20 21 22 23 24 25 26
14 13 12 11 10 9 8 7 6 5 4 3 2 1
26 25 24 23 22 21 20 19 18 17 16 15


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

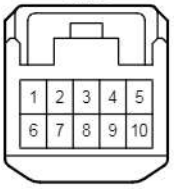

(IG)
10A
S/HTR&
FAN F/L
2
4
3C
R
6
Ne1
LG
Seat Back
Heater
Seat Cushion
Heater
Seat Heater
Control
e10
Front Seat Cushion Heater Assembly LH
1
2
3
W-B
V
LG
11
Ne1
B
5
IN1
B
7
W-B
5
Ne1
W-B
N1
Y
Y
9
RV
IG
Off
On
Temperature Adjustment
E
I182
Seat Heater Switch LH
4
W-B
W-B


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

I 53
Black



I182
Black



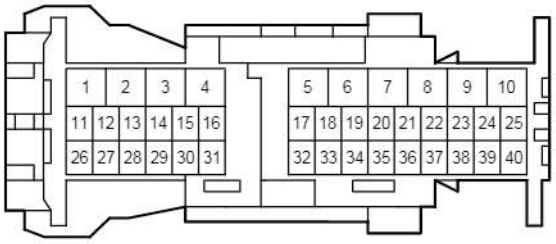
d 14
White



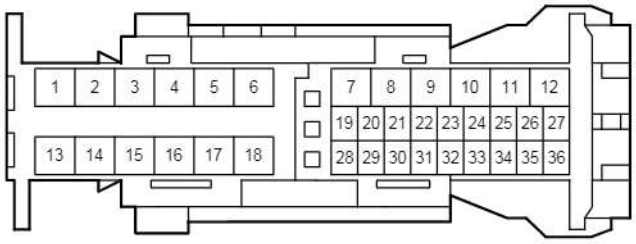
e 10
White



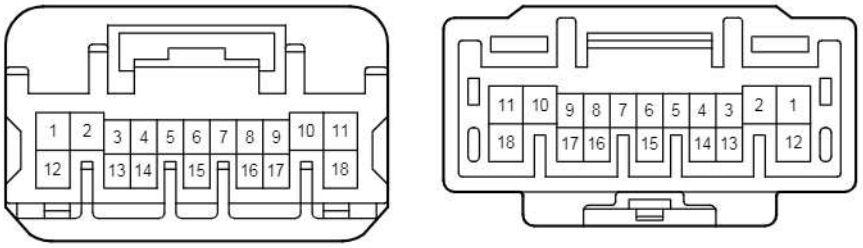
3B
White



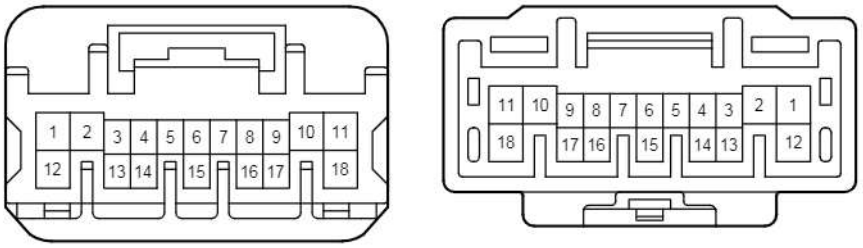
3C
White



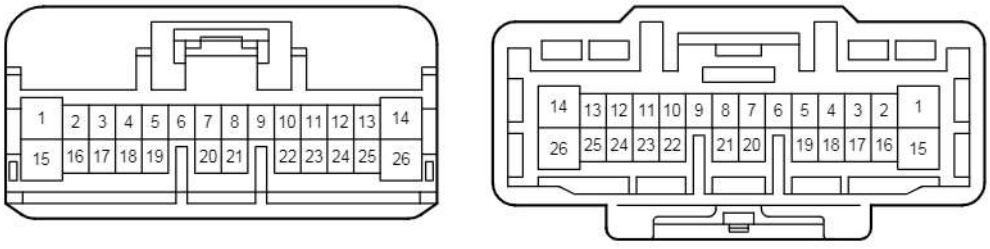
IN1
White

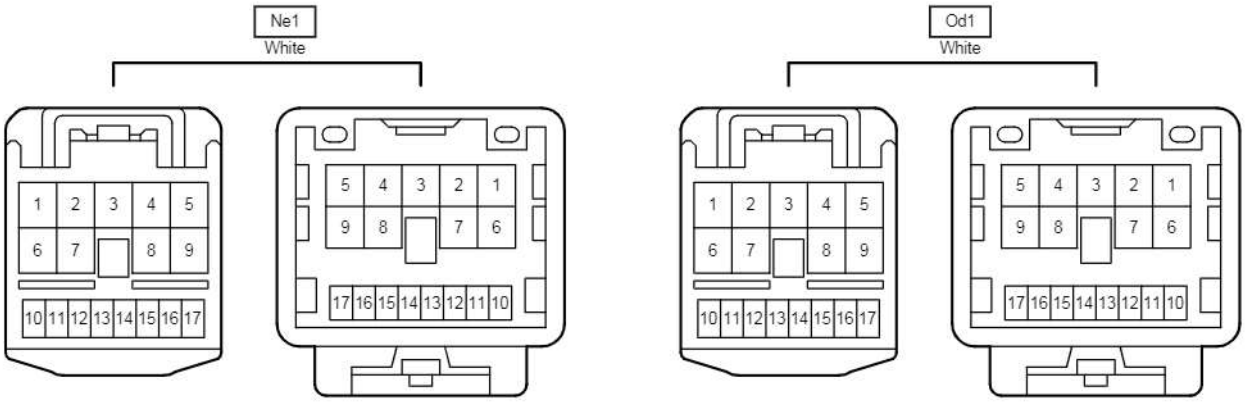


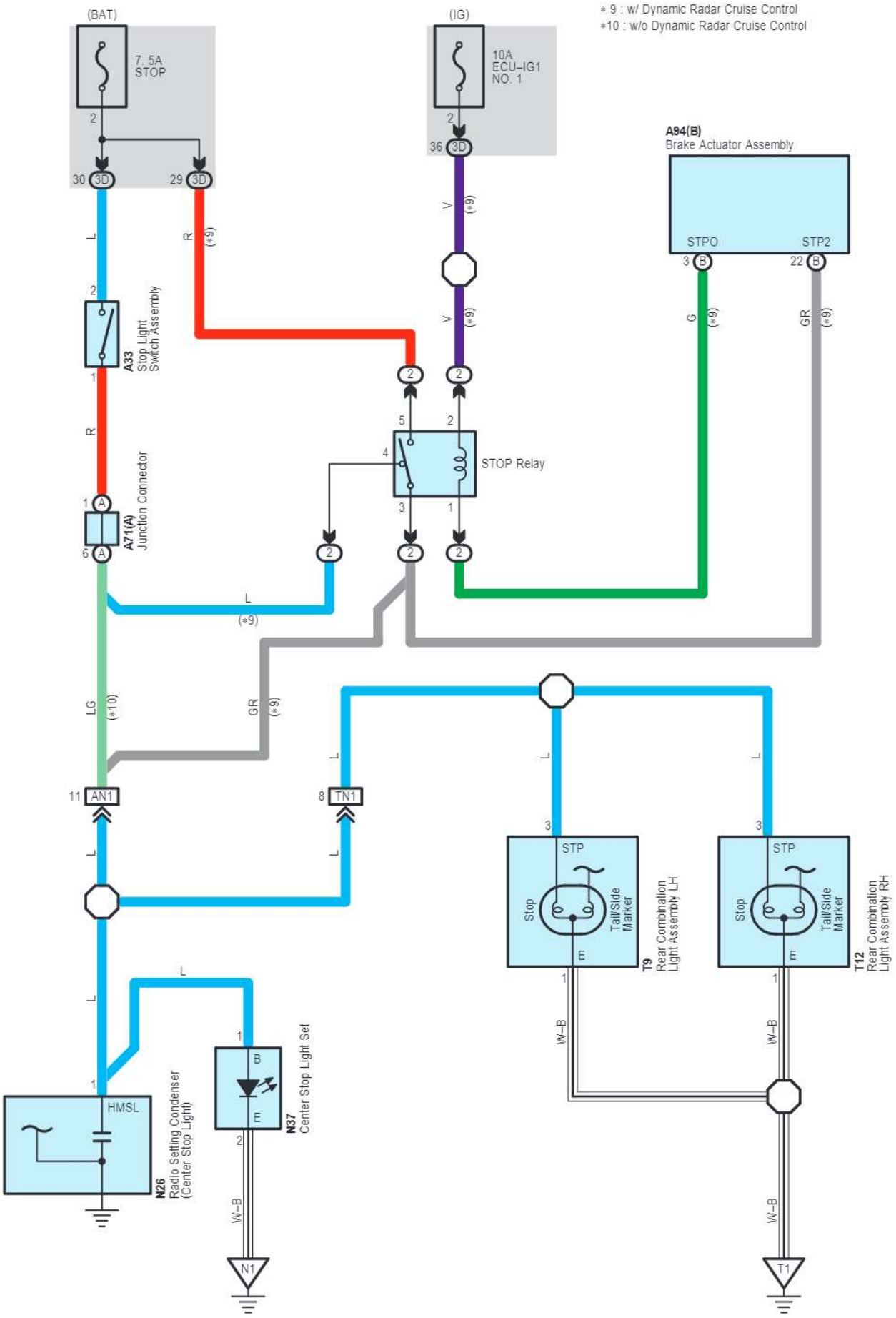
IO1
White



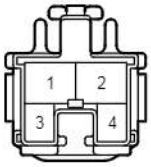
IO2
White




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


* 9 : w/ Dynamic Radar Cruise Control
*10 : w/o Dynamic Radar Cruise Control
(BAT)
(IG)
7. 5A
STOP
10A
ECU-IG1
NO. 1
A94(B)
Brake Actuator Assembly
STPO
STP2
A33
Stop Light
Switch Assembly
STOP Relay
A71(A)
Junction Connector
AN1
TN1
HMSL
N26
Radio Setting Condenser
(Center Stop Light)
N37
Center Stop Light Set
T9
Rear Combination
Light Assembly LH
T12
Rear Combination
Light Assembly RH
Stop
Tail/Side
Marker
STP
N1
T1
W-B

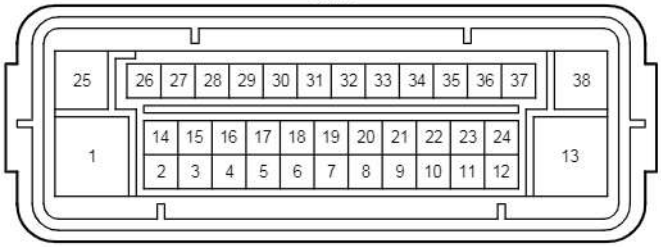
A 33
White



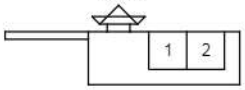
A 71
Gray



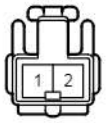
A 94
Black



N 26
Black



N 37
White



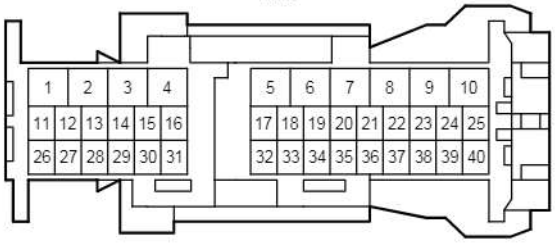
T 9
Black



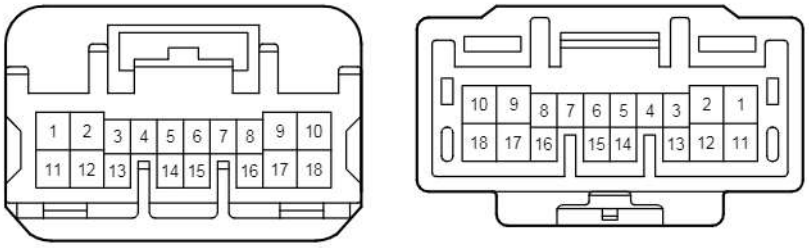
T 12
Black



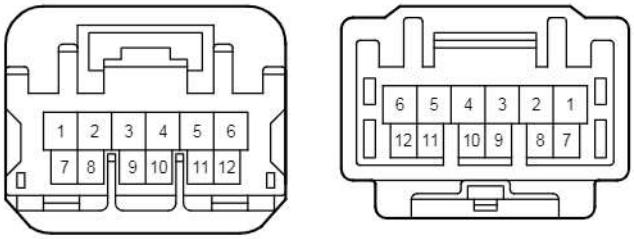
3D
White

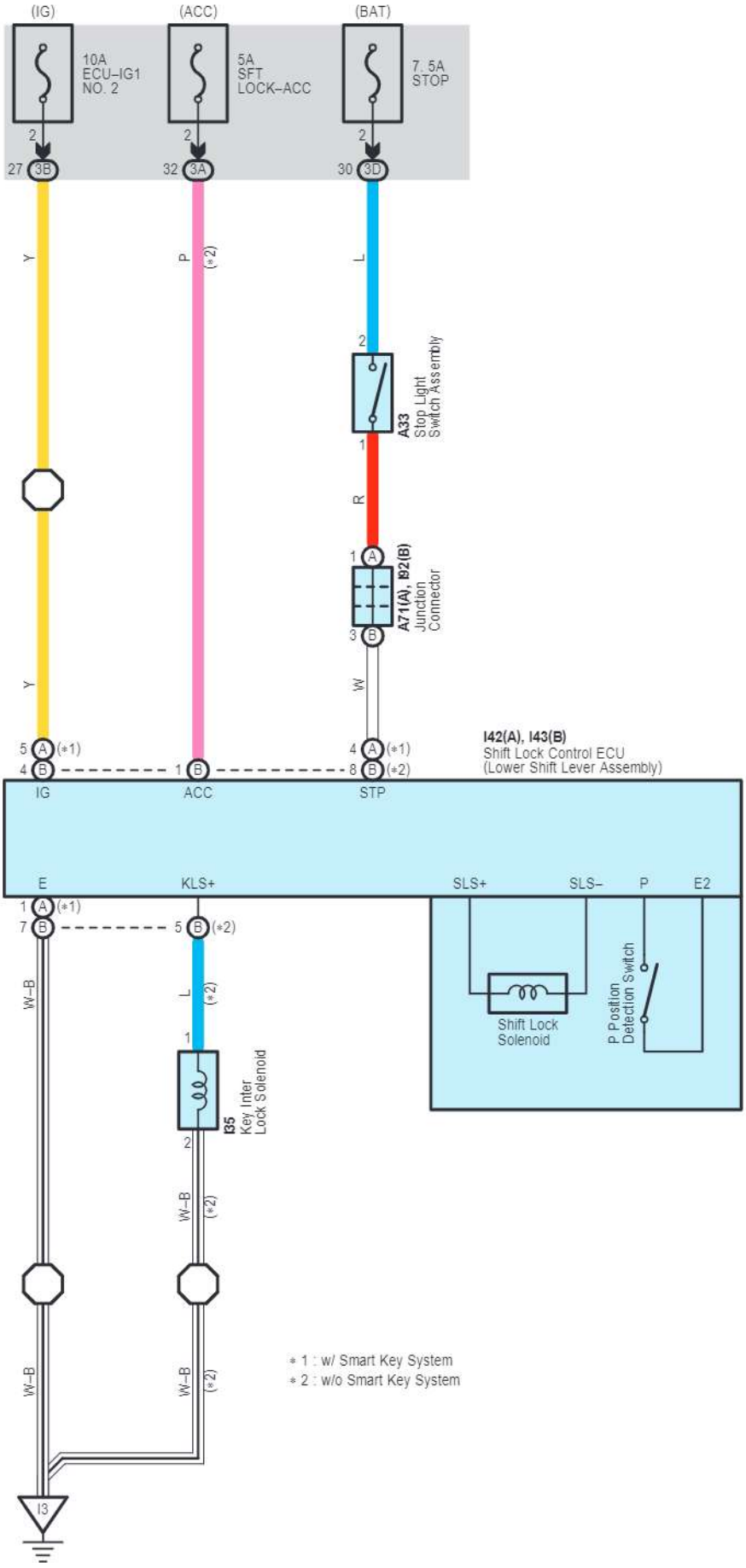


AN1
White

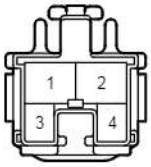


TN1
White




(IG)
(ACC)
(BAT)
10A
ECU-IG1
NO. 2
5A
SFT
LOCK-ACC
7. 5A
STOP
27 3B
32 3A
30 3D
Y
P (*2)
L
A33
Stop Light
Switch Assembly
R
A71(A), B2(B)
Junction
Connector
W
I42(A), I43(B)
Shift Lock Control ECU
(Lower Shift Lever Assembly)
5 A (*1)
4 B
4 A (*1)
8 B (*2)
IG
ACC
STP
E
KLS+
SLS+
SLS-
P
E2
1 A (*1)
7 B
5 B (*2)
W-B
L (*2)
Shift Lock
Solenoid
P Position
Detection Switch
I35
Key Inter
Lock Solenoid
W-B (*2)
W-B
W-B (*2)
I3
* 1 : w/ Smart Key System
* 2 : w/o Smart Key System

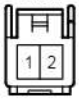
A 33
White



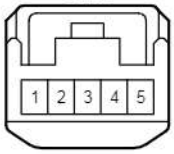
A 71
Gray



I 35
Black



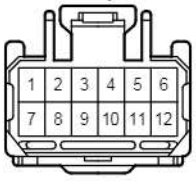
I 42
White



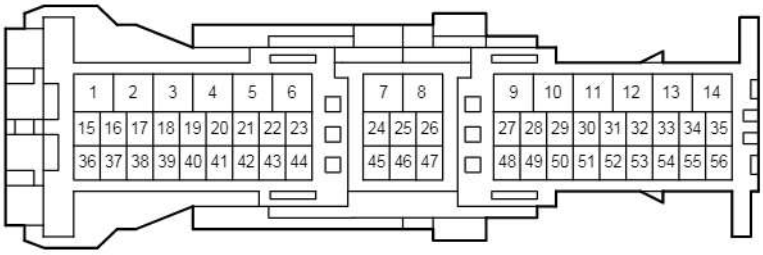
I 43
White



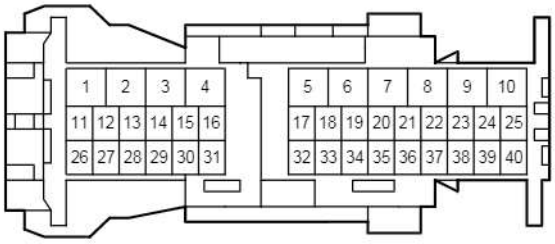
I 92
Gray



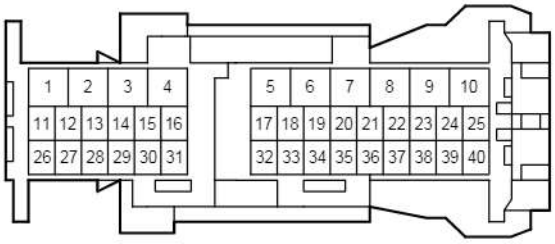
3A
White

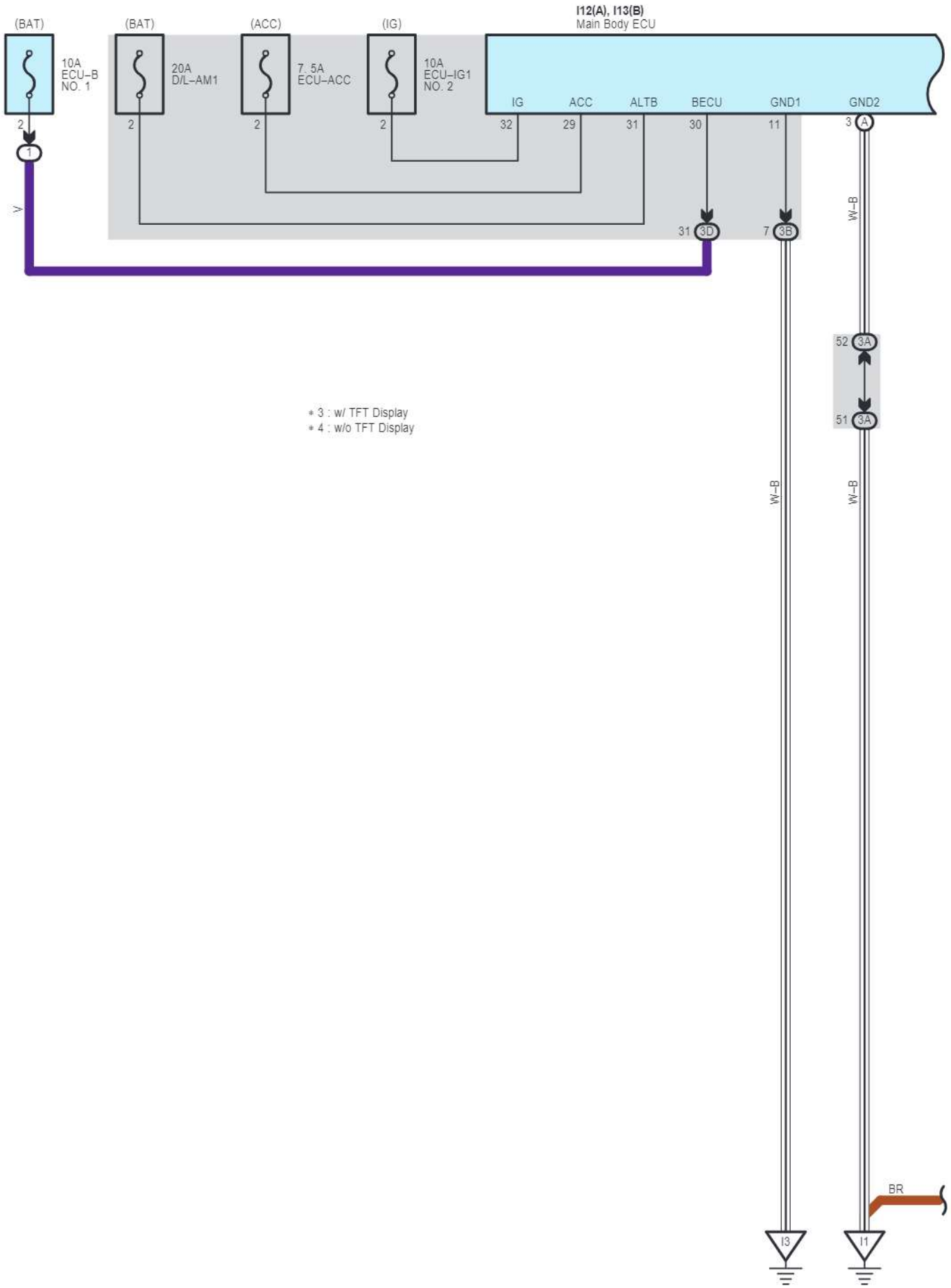


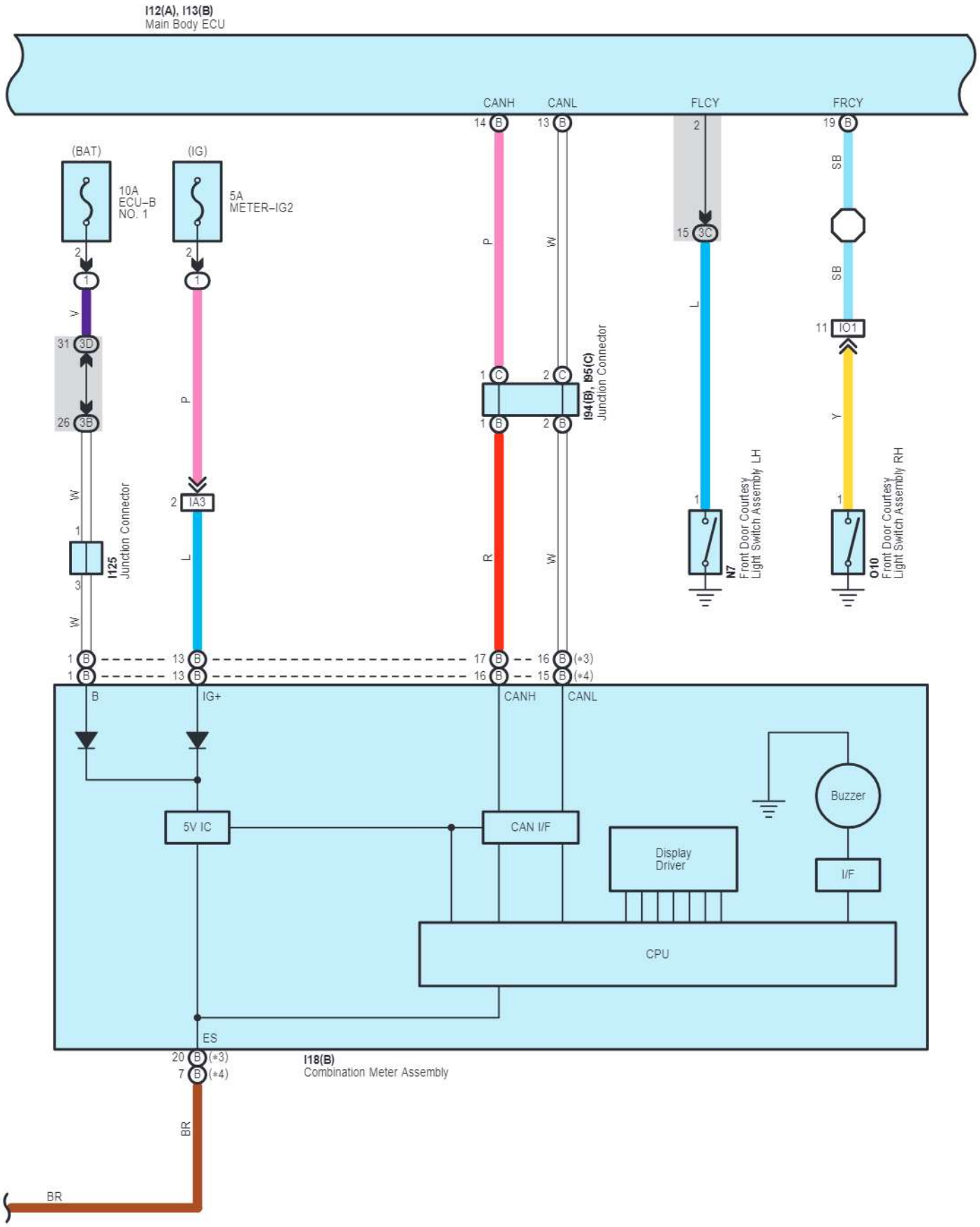
3B
White

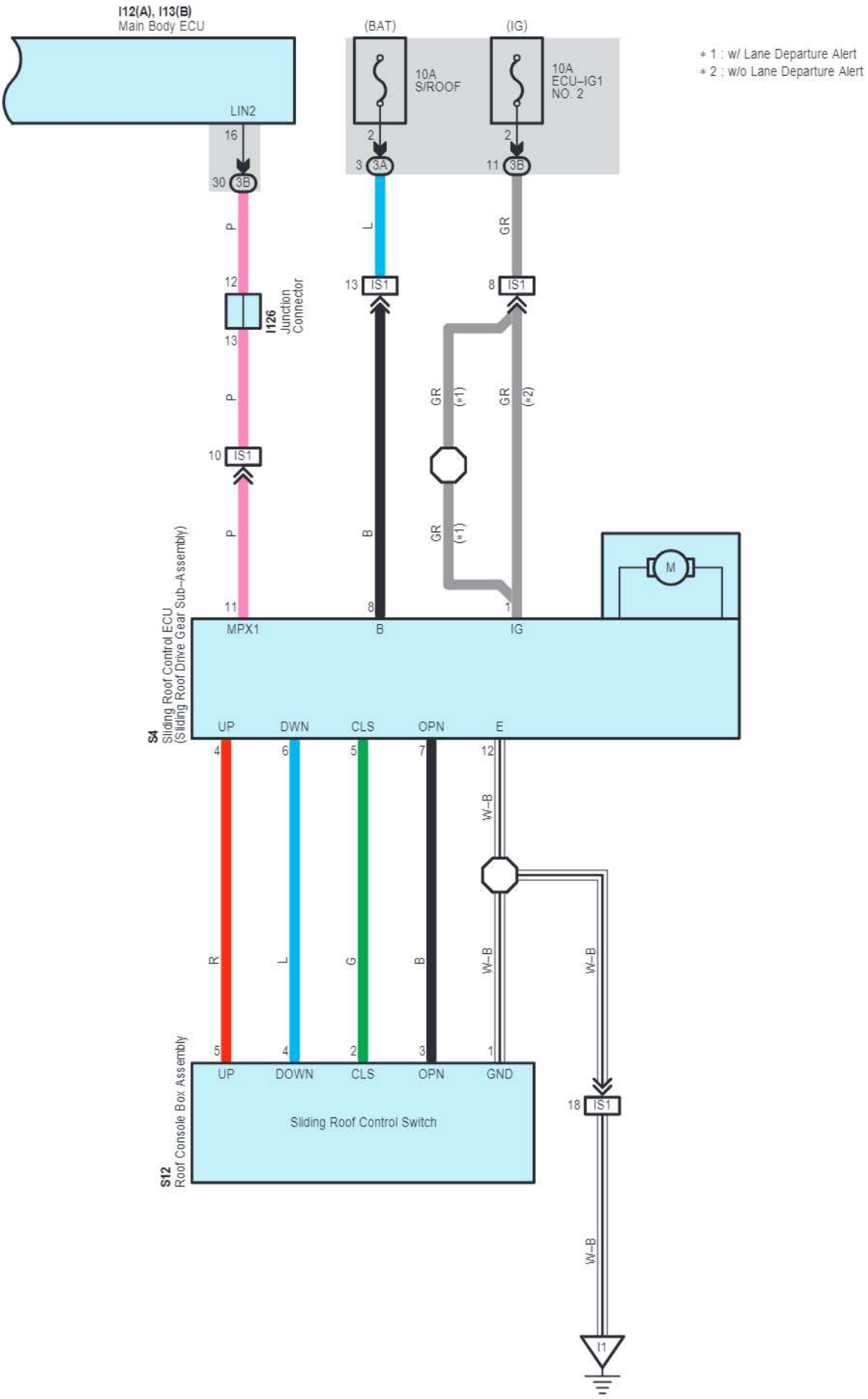


3D
White

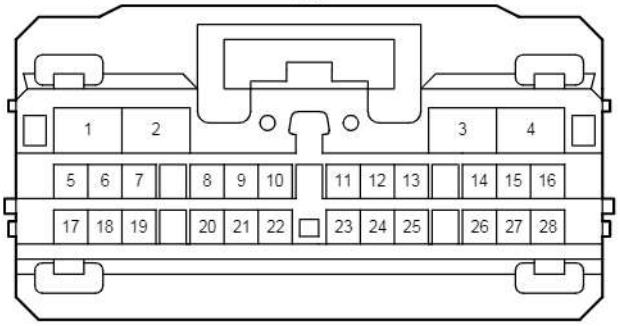



I12(A), I13(B)
Main Body ECU
(BAT)
(BAT)
(ACC)
(IG)
10A
ECU–B
NO. 1
20A
D/L–AM1
7. 5A
ECU–ACC
10A
ECU–IG1
NO. 2
IG
ACC
ALTB
BECU
GND1
GND2
2
2
2
2
32
29
31
30
11
3
A
1
V
31
3D
7
3B
W–B
52
3A
51
3A
W–B
W–B
BR
I3
I1
* 3 : w/ TFT Display
* 4 : w/o TFT Display

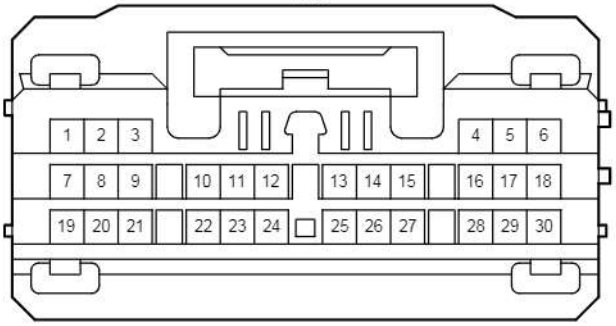

I12(A), I13(B)
Main Body ECU
CANH
CANL
FLCY
FRCY
(BAT)
(IG)
10A
ECU-B
NO. 1
5A
METER-IG2
I125
Junction Connector
I94(B), I95(C)
Junction Connector
N7
Front Door Courtesy
Light Switch Assembly LH
O10
Front Door Courtesy
Light Switch Assembly RH
B
IG+
CANH
CANL
5V IC
CAN I/F
Display
Driver
Buzzer
I/F
CPU
ES
I18(B)
Combination Meter Assembly
BR
BR


I12(A), I13(B)
Main Body ECU
LIN2
16
30 3B
(BAT)
10A
S/ROOF
2
3 3A
(IG)
10A
ECU–IG1
NO. 2
2
11 3B
* 1 : w/ Lane Departure Alert
* 2 : w/o Lane Departure Alert
P
12
I126
Junction
Connector
13
P
10 IS1
P
11
MPX1
L
13 IS1
B
8
B
GR
8 IS1
GR (*1)
GR (*2)
GR (*1)
1
IG
M
S4
Sliding Roof Control ECU
(Sliding Roof Drive Gear Sub–Assembly)
UP
DWN
CLS
OPN
E
4
6
5
7
12
W–B
R
L
G
B
W–B
W–B
5
4
2
3
1
UP
DOWN
CLS
OPN
GND
Sliding Roof Control Switch
S12
Roof Console Box Assembly
18 IS1
W–B
I1

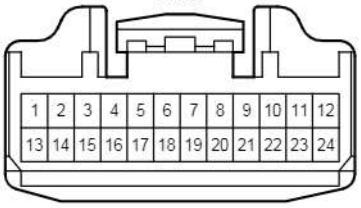
I 12
White



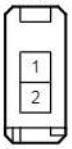
I 13
White



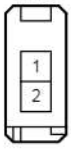
I 18
Black



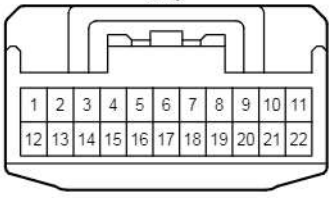
I 94
White



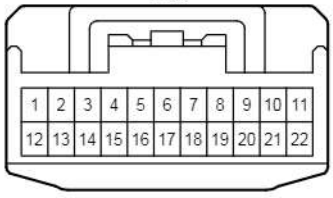
I 95
White



I125
Gray



I126
White



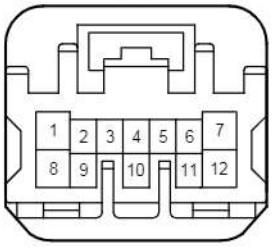
N 7
Black



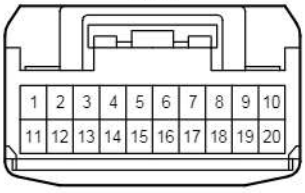
O 10
Black



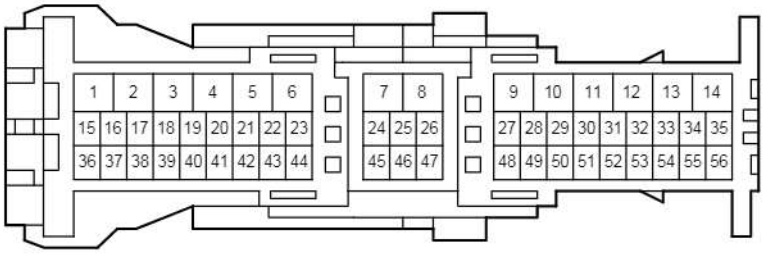
S 4
White



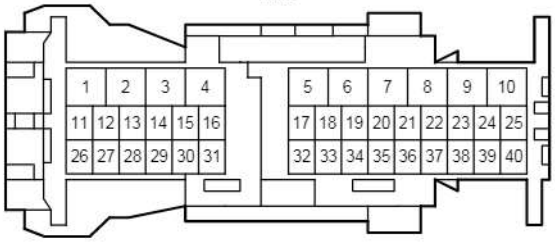
S 12
Black



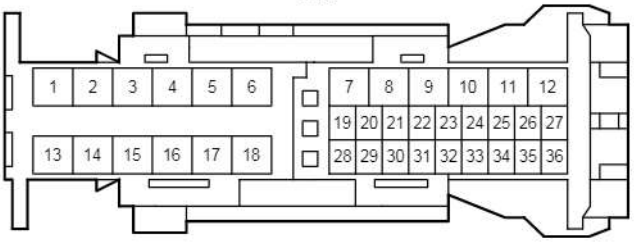
3A
White



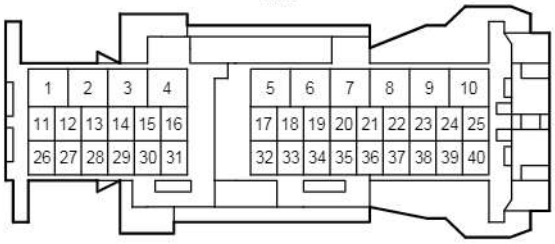
3B
White



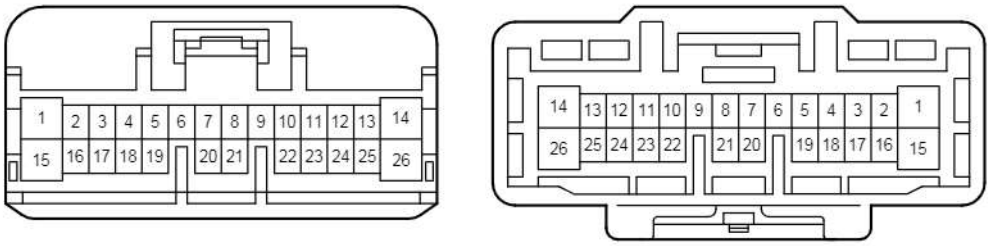
3C
White



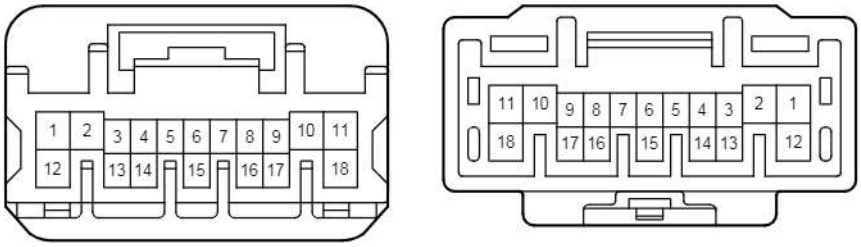
3D
White



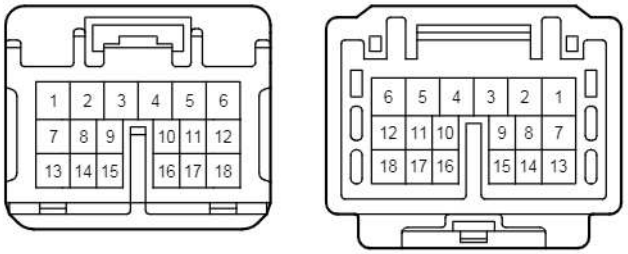
IA3
Blue

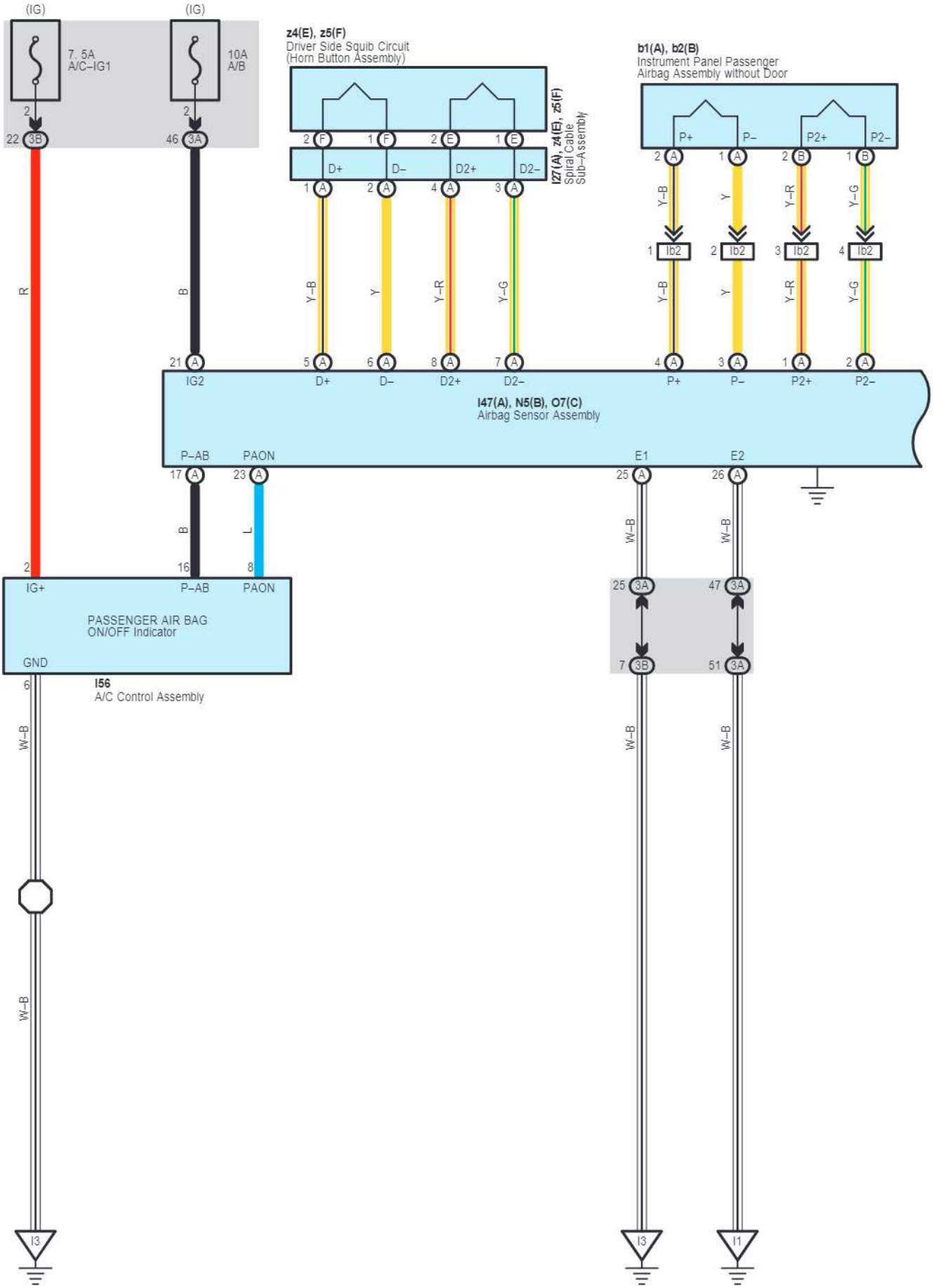


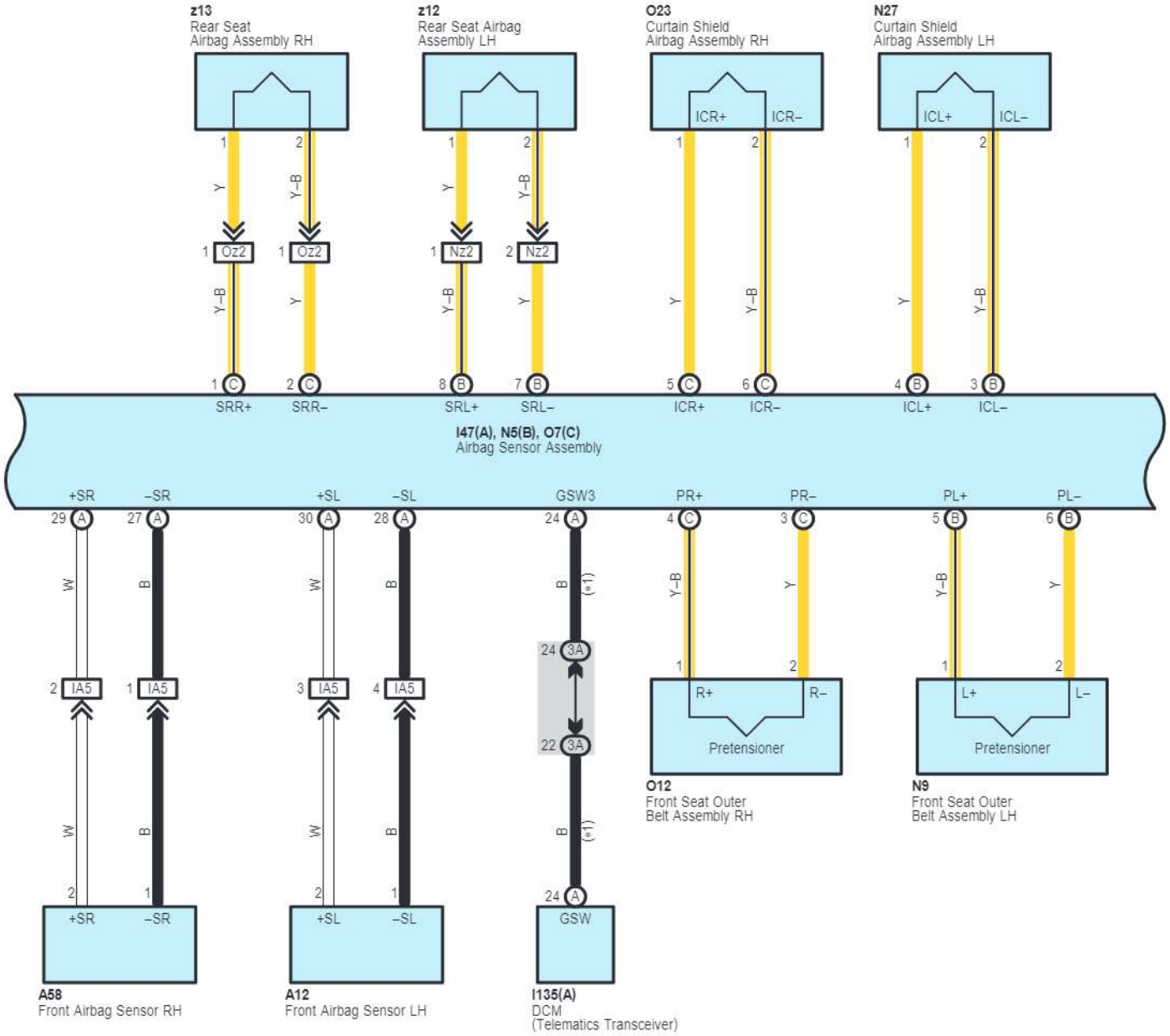
IO1
White



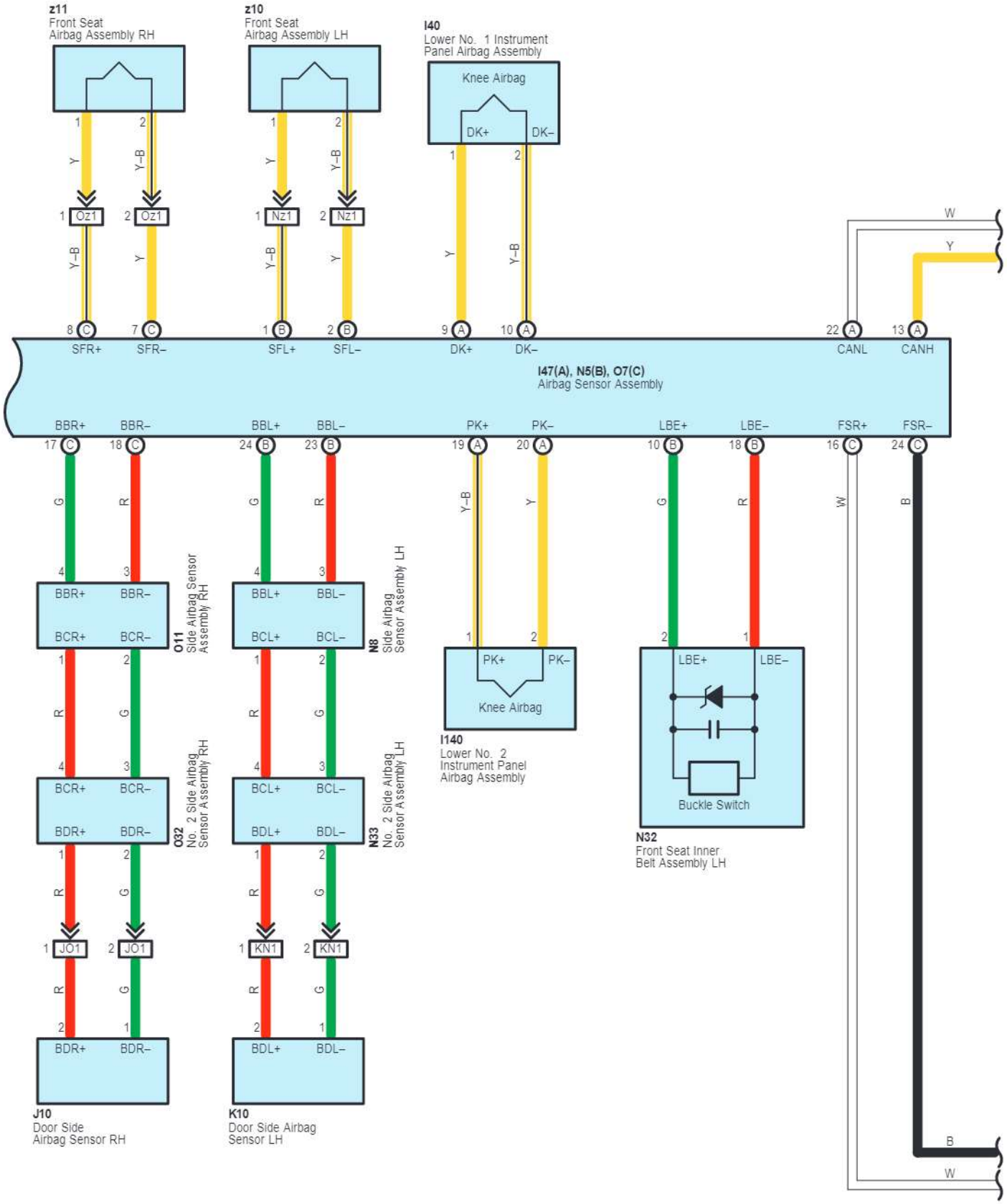
IS1
White

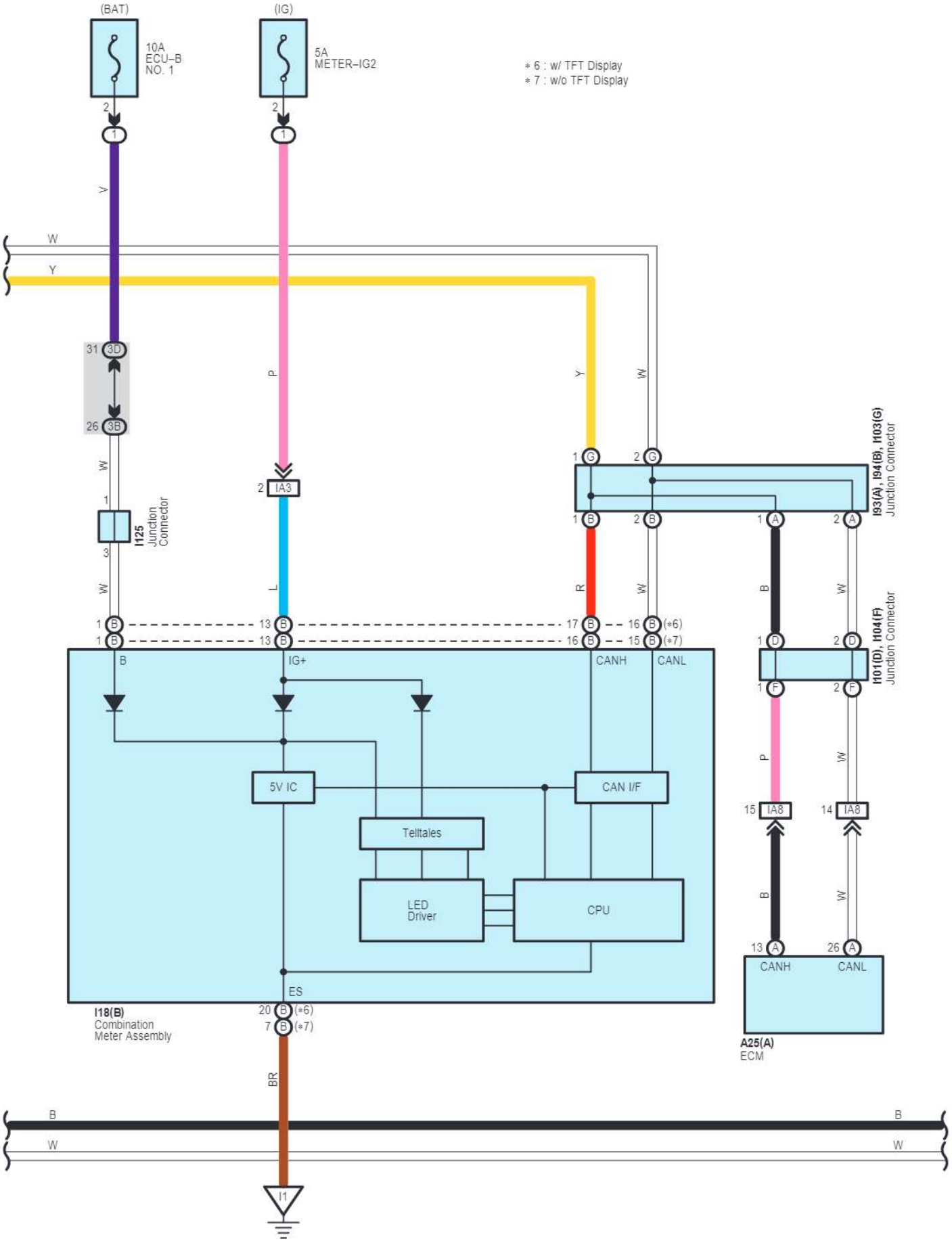


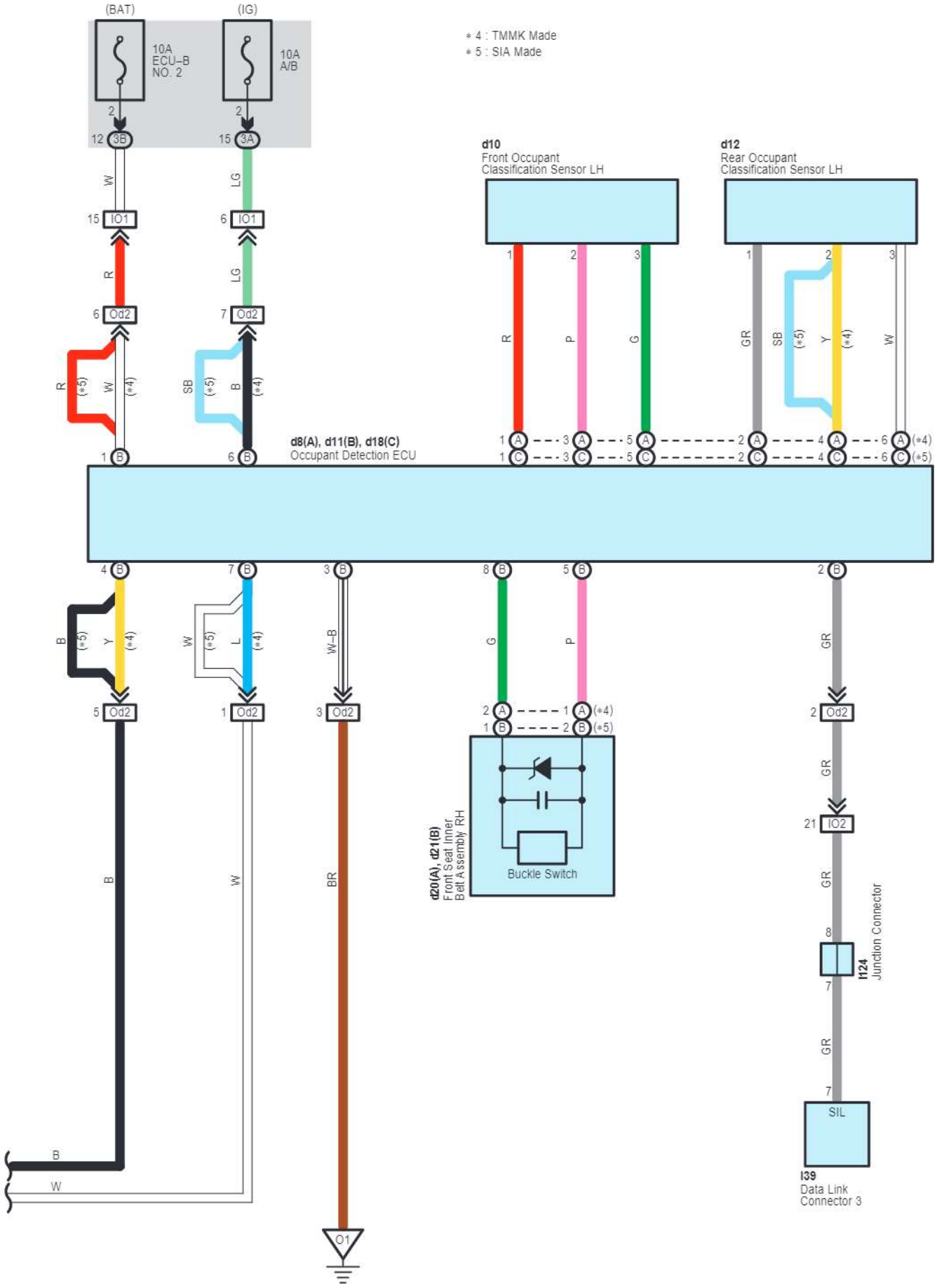

(IG)
(IG)
7. 5A
A/C–IG1
10A
A/B
z4(E), z5(F)
Driver Side Squib Circuit
(Horn Button Assembly)
I27(A), z4(E), z5(F)
Spiral Cable
Sub–Assembly
b1(A), b2(B)
Instrument Panel Passenger
Airbag Assembly without Door
P+
P–
P2+
P2–
D+
D–
D2+
D2–
Y–B
Y
Y–R
Y–G
R
B
IG2
I47(A), N5(B), O7(C)
Airbag Sensor Assembly
P–AB
PAON
E1
E2
W–B
L
IG+
GND
PASSENGER AIR BAG
ON/OFF Indicator
I56
A/C Control Assembly
I3
I1



∗1 : w/ Safety Connect


z11
Front Seat
Airbag Assembly RH
z10
Front Seat
Airbag Assembly LH
I40
Lower No. 1 Instrument
Panel Airbag Assembly
Knee Airbag
DK+
DK–
I47(A), N5(B), O7(C)
Airbag Sensor Assembly
SFR+
SFR–
SFL+
SFL–
DK+
DK–
CANL
CANH
BBR+
BBR–
BBL+
BBL–
PK+
PK–
LBE+
LBE–
FSR+
FSR–
O11
Side Airbag Sensor
Assembly RH
N8
Side Airbag
Sensor Assembly LH
O32
No. 2 Side Airbag
Sensor Assembly RH
N33
No. 2 Side Airbag
Sensor Assembly LH
I140
Lower No. 2
Instrument Panel
Airbag Assembly
N32
Front Seat Inner
Belt Assembly LH
Buckle Switch
J10
Door Side
Airbag Sensor RH
K10
Door Side Airbag
Sensor LH

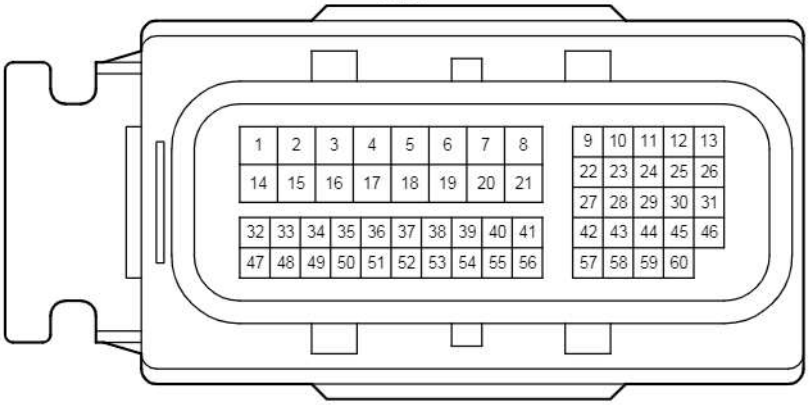

(BAT)
10A
ECU–B
NO. 1
(IG)
5A
METER–IG2
* 6 : w/ TFT Display
* 7 : w/o TFT Display
I125
Junction
Connector
I93(A), I94(B), I103(G)
Junction Connector
I101(D), I104(F)
Junction Connector
B
IG+
CANH
CANL
5V IC
CAN I/F
Telltales
LED
Driver
CPU
ES
I18(B)
Combination
Meter Assembly
A25(A)
ECM
CANH
CANL


(BAT)
(IG)
10A
ECU–B
NO. 2
10A
A/B
* 4 : TMMK Made
* 5 : SIA Made
d10
Front Occupant
Classification Sensor LH
d12
Rear Occupant
Classification Sensor LH
d8(A), d11(B), d18(C)
Occupant Detection ECU
d20(A), d21(B)
Front Seat Inner
Belt Assembly RH
Buckle Switch
I124
Junction Connector
I39
Data Link
Connector 3
SIL
O1

A 12
Yellow



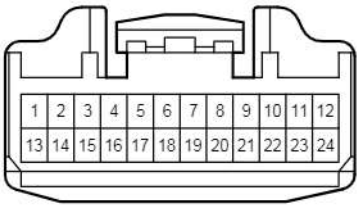
A 25
Black



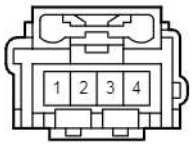
A 58
Yellow



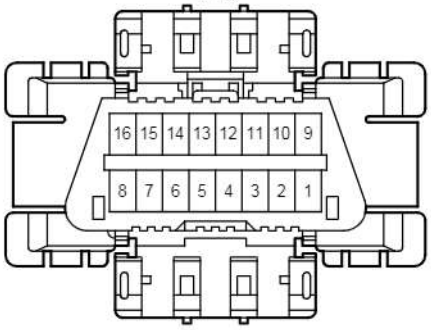
I 18
Black



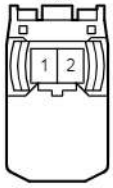
I 27
Yellow



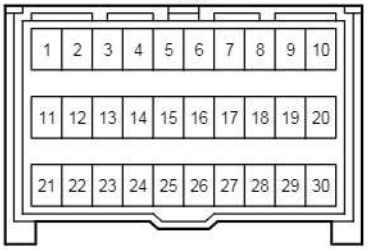
I 39
White



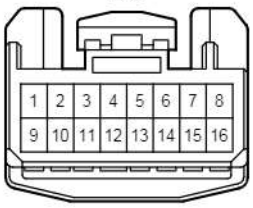
I 40
Black



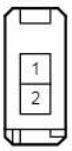
I 47
Yellow



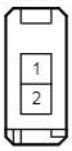
I 56
Black



I 93
White



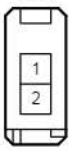
I 94
White



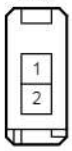
I101
White



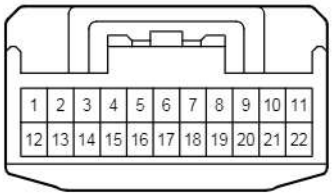
I103
White



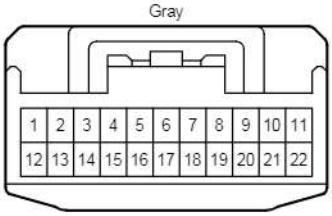
I104
White



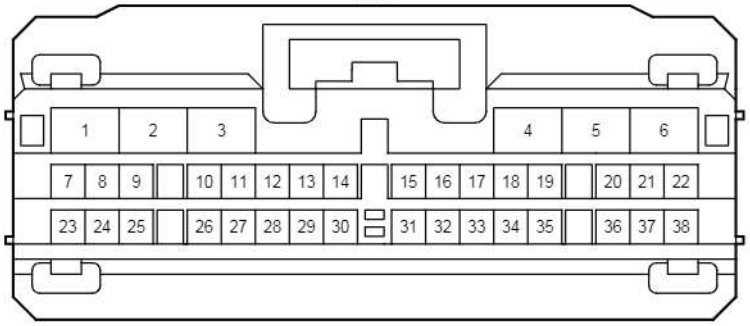
I124
White



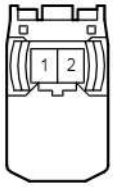
I125
Gray



I135
White



I140
Black



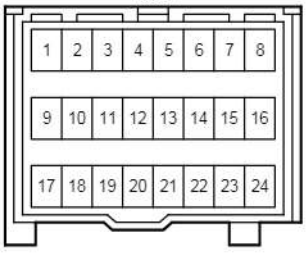
J 10
Yellow



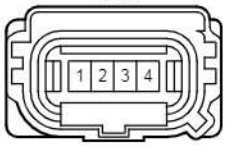
K 10
Yellow



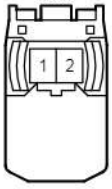
N 5
Yellow



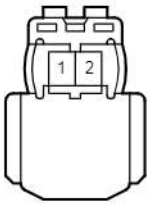
N 8
Yellow



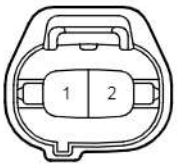
N 9
Black



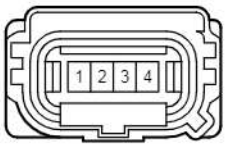
N 27
Black



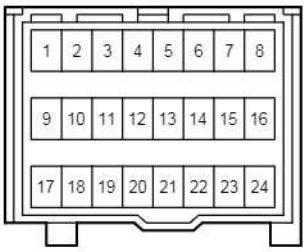
N 32
White



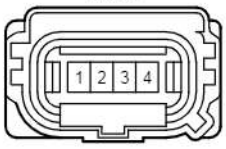
N 33
Yellow



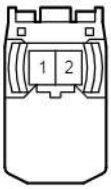
O 7
Yellow



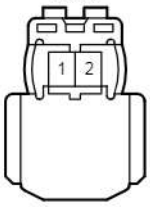
O 11
Yellow



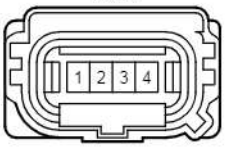
O 12
Black



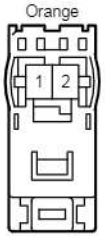
O 23
Black



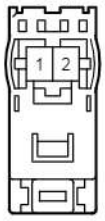
O 32
Yellow



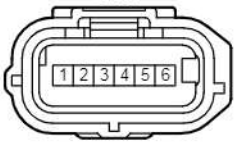
b 1
Orange



b 2
Black



d 8
Black



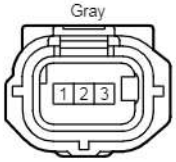
d 10
Black



d 11
Black



d 12
Gray



d 18
Gray



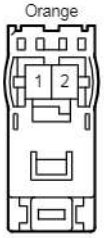
d 20
Gray



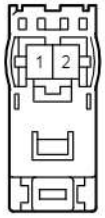
d 21
Gray



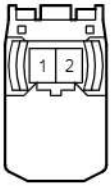
z 4
Orange



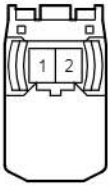
z 5
Black



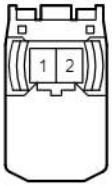
z 10
White



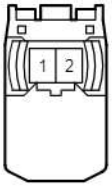
z 11
White



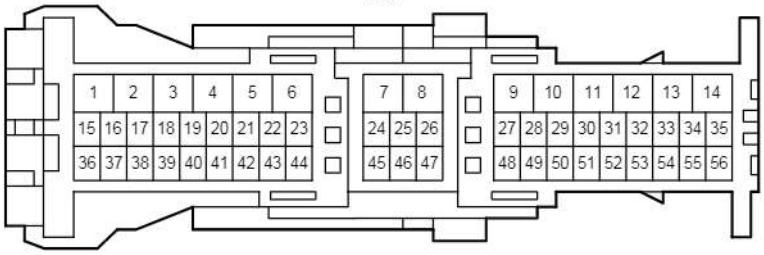
z 12
White



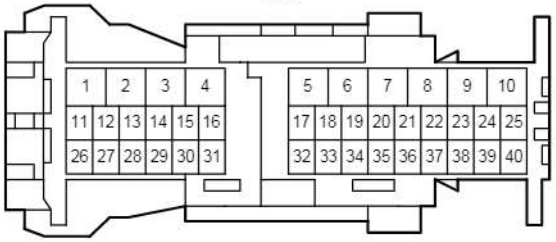
z 13
White



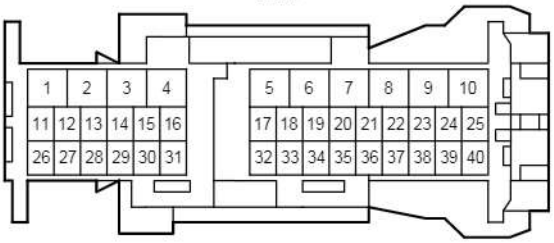
3A
White



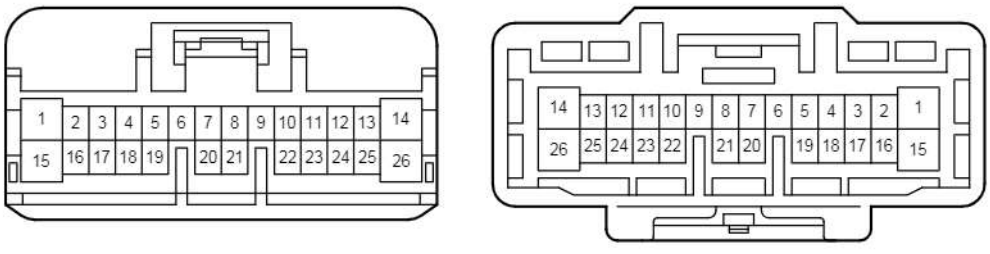
3B
White

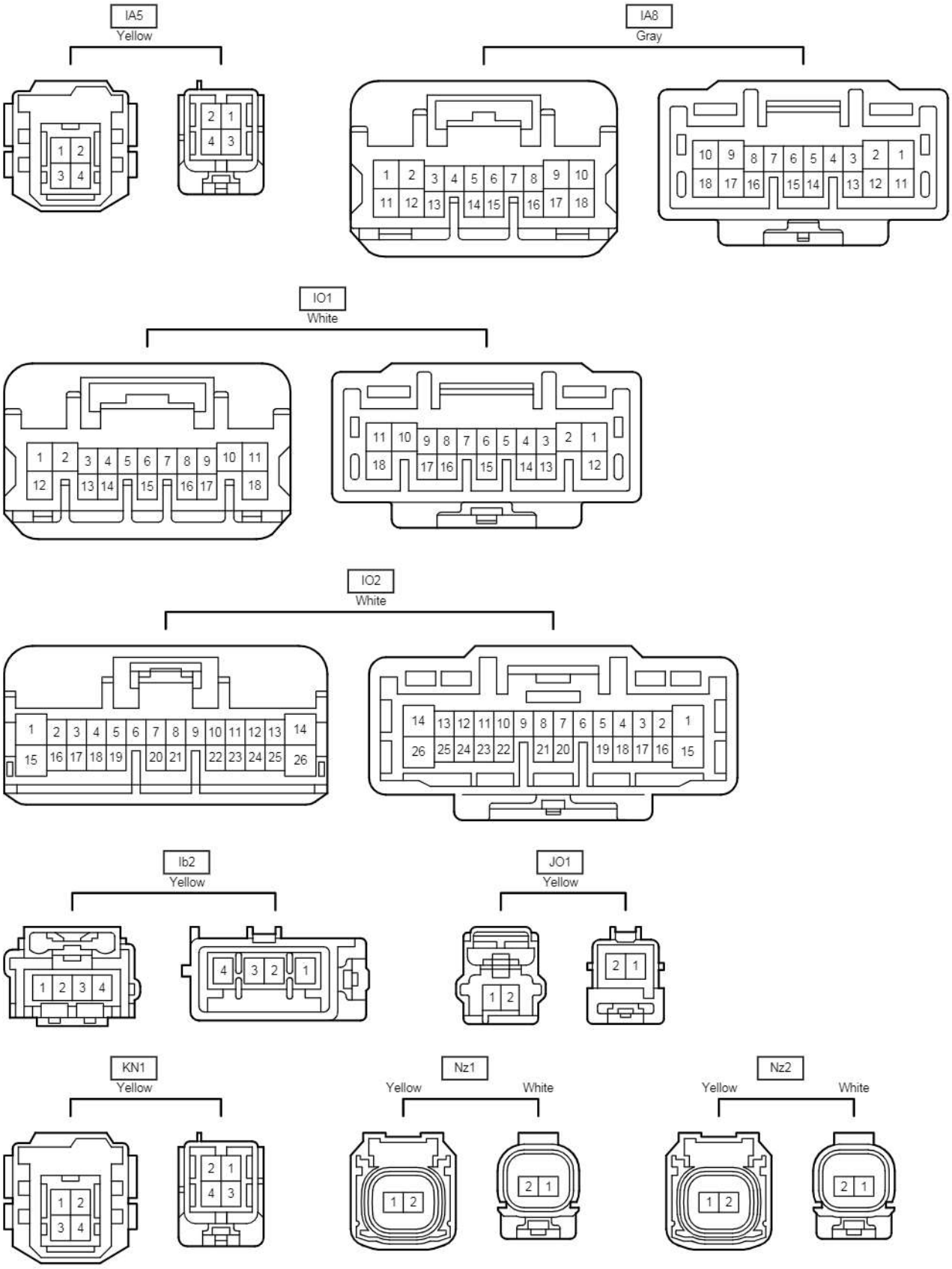


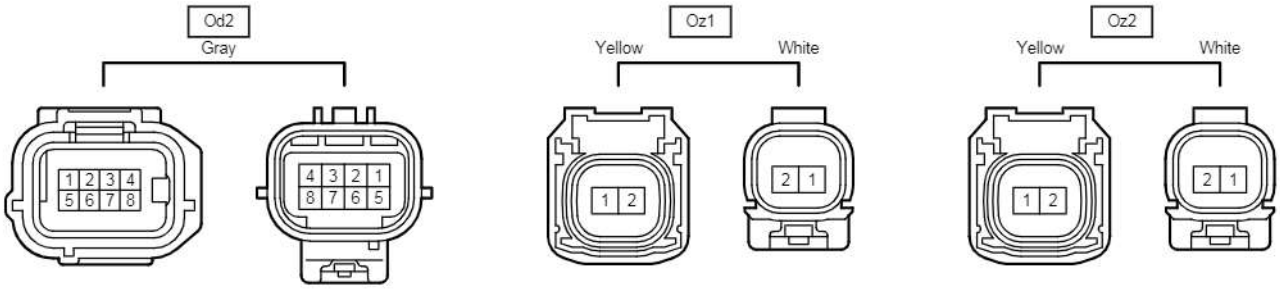
3D
White

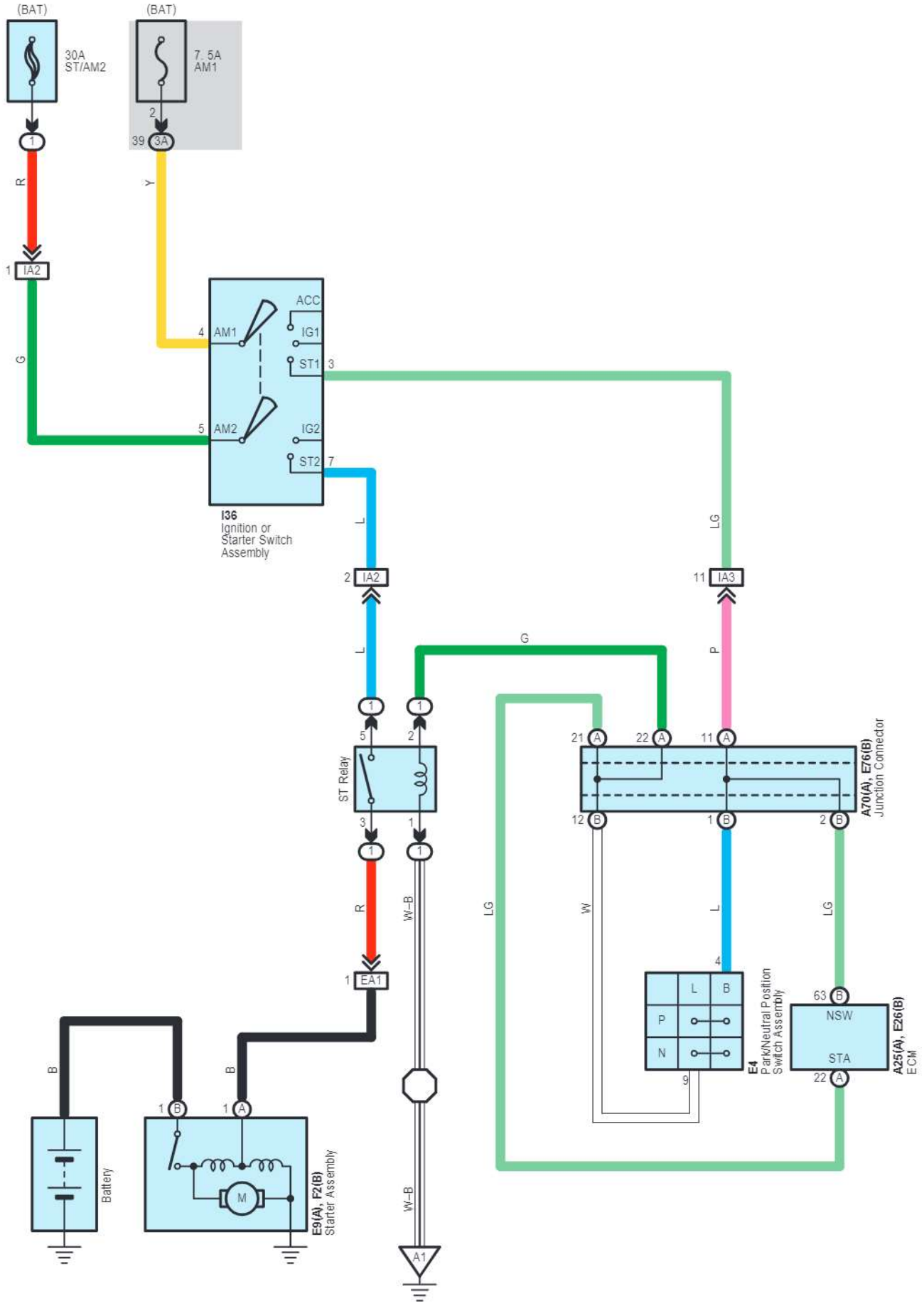


IA3
Blue

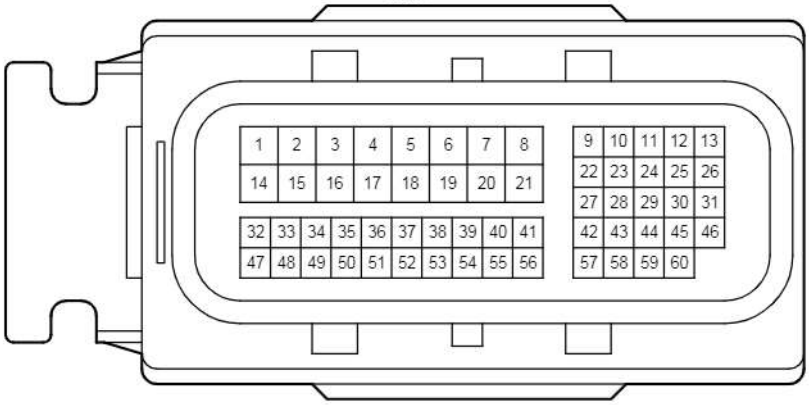



IA5
Yellow
IA8
Gray
IO1
White
IO2
White
Ib2
Yellow
JO1
Yellow
KN1
Yellow
Nz1
Yellow
White
Nz2
Yellow
White

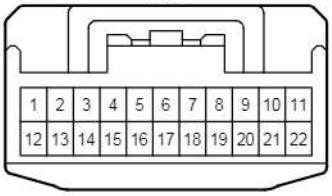

Od2
Gray
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5
Oz1
Yellow
White
1 2
2 1
Oz2
Yellow
White
1 2
2 1


(BAT)
30A
ST/AM2
(BAT)
7. 5A
AM1
2
39 3A
1
R
Y
1 IA2
G
4 AM1
5 AM2
ACC
IG1
ST1 3
IG2
ST2 7
I36
Ignition or
Starter Switch
Assembly
L
2 IA2
L
LG
11 IA3
P
G
1
5
2
ST Relay
3
1
R
1 EA1
W-B
W-B
A1
21 A
22 A
11 A
12 B
1 B
2 B
A70(A), E76(B)
Junction Connector
LG
W
L
LG
4
L B
P
N
9
E4
Park/Neutral Position
Switch Assembly
63 B
NSW
STA
22 A
A25(A), E26(B)
ECM
B
B
1 B
1 A
Battery
M
E9(A), F2(B)
Starter Assembly

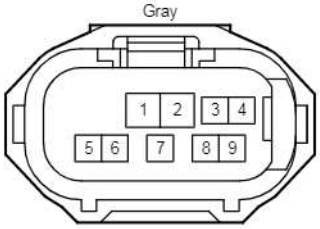
A 25
Black



A 70
White



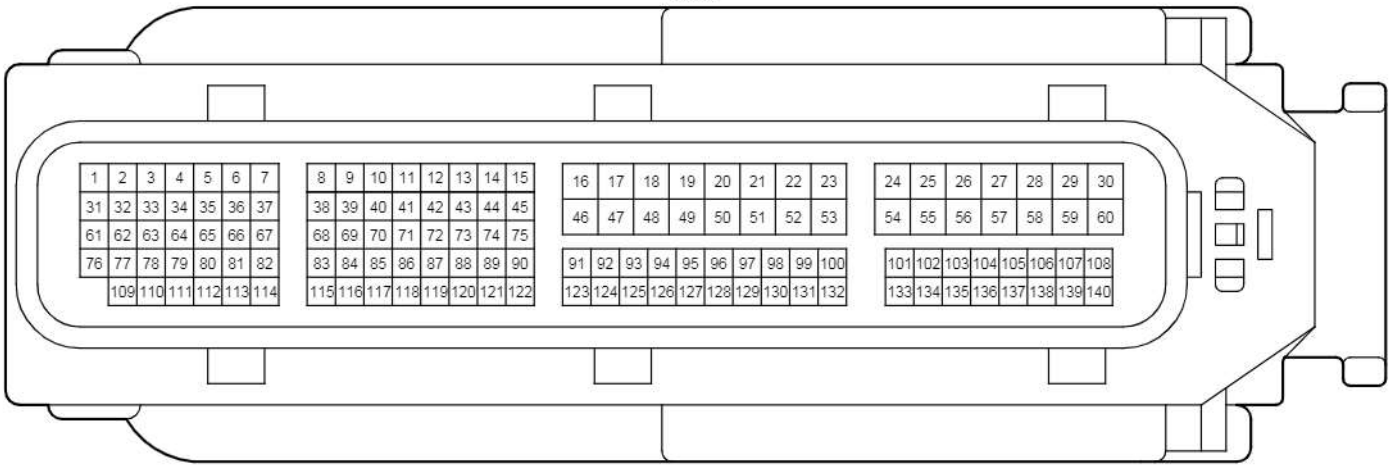
E 4
Gray



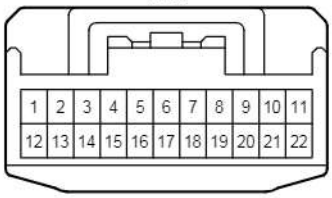
E 9
Black



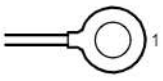
E 26
Black



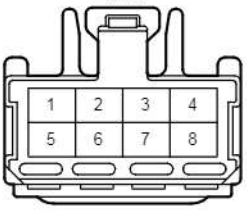
E 76
White

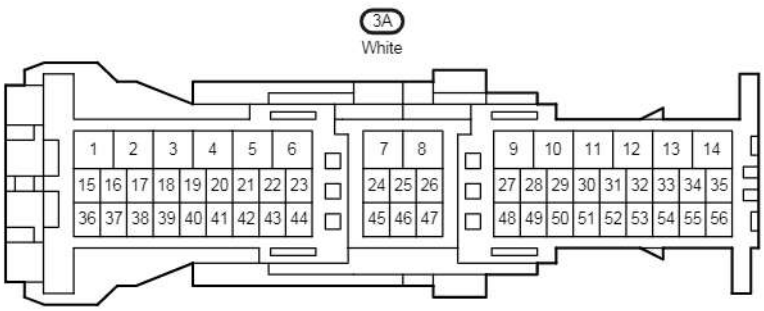


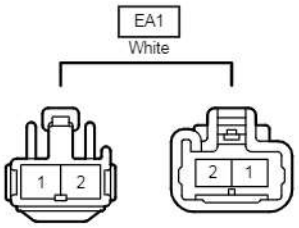
F 2

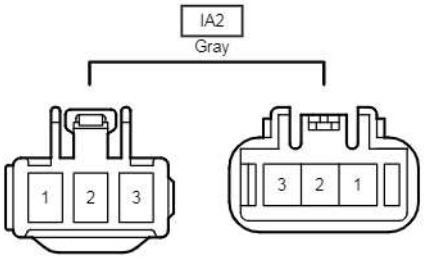


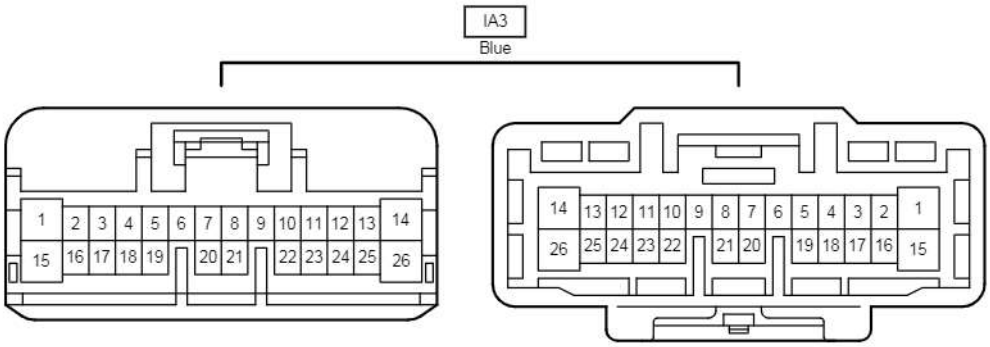
I 36
White

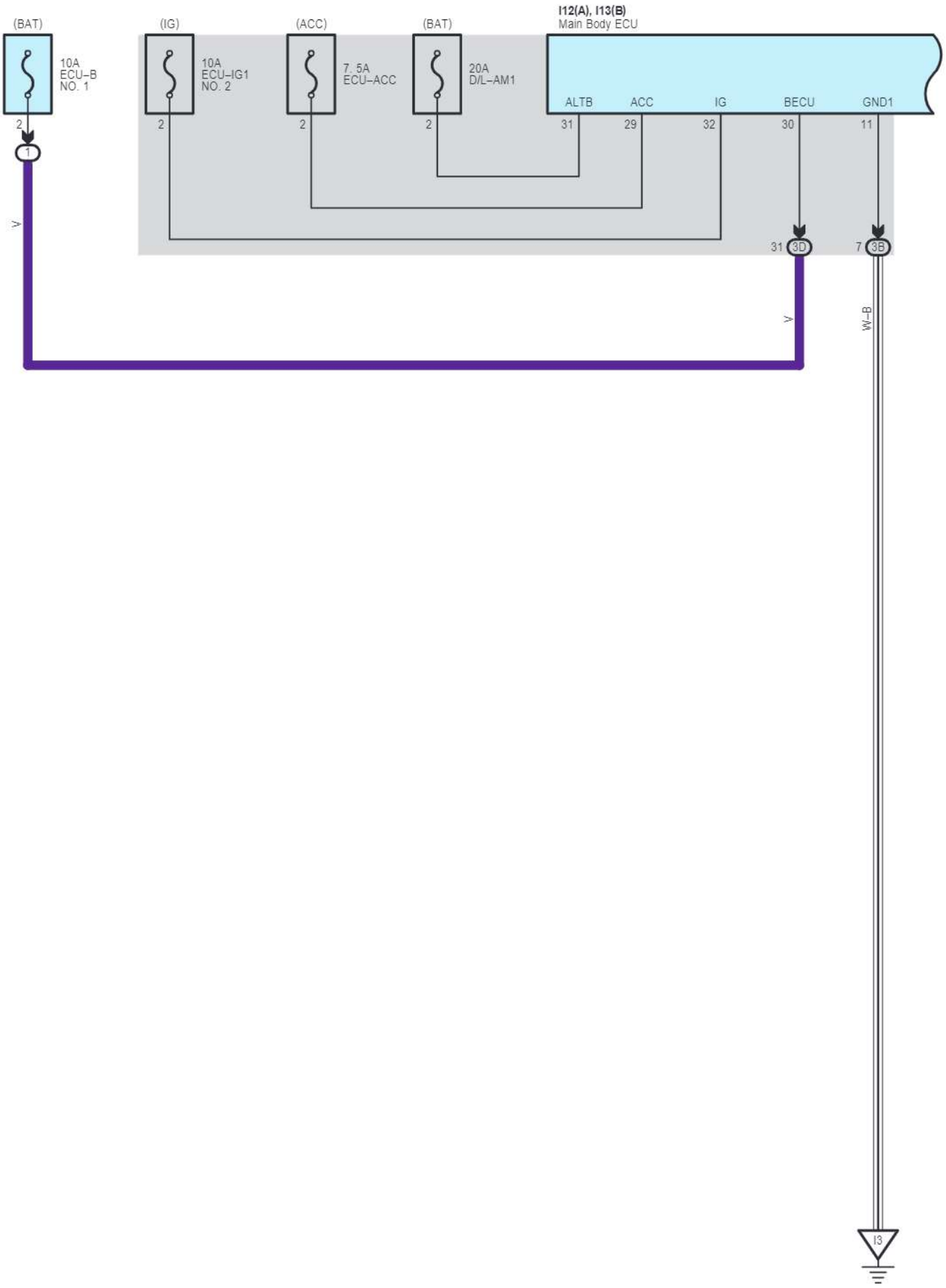


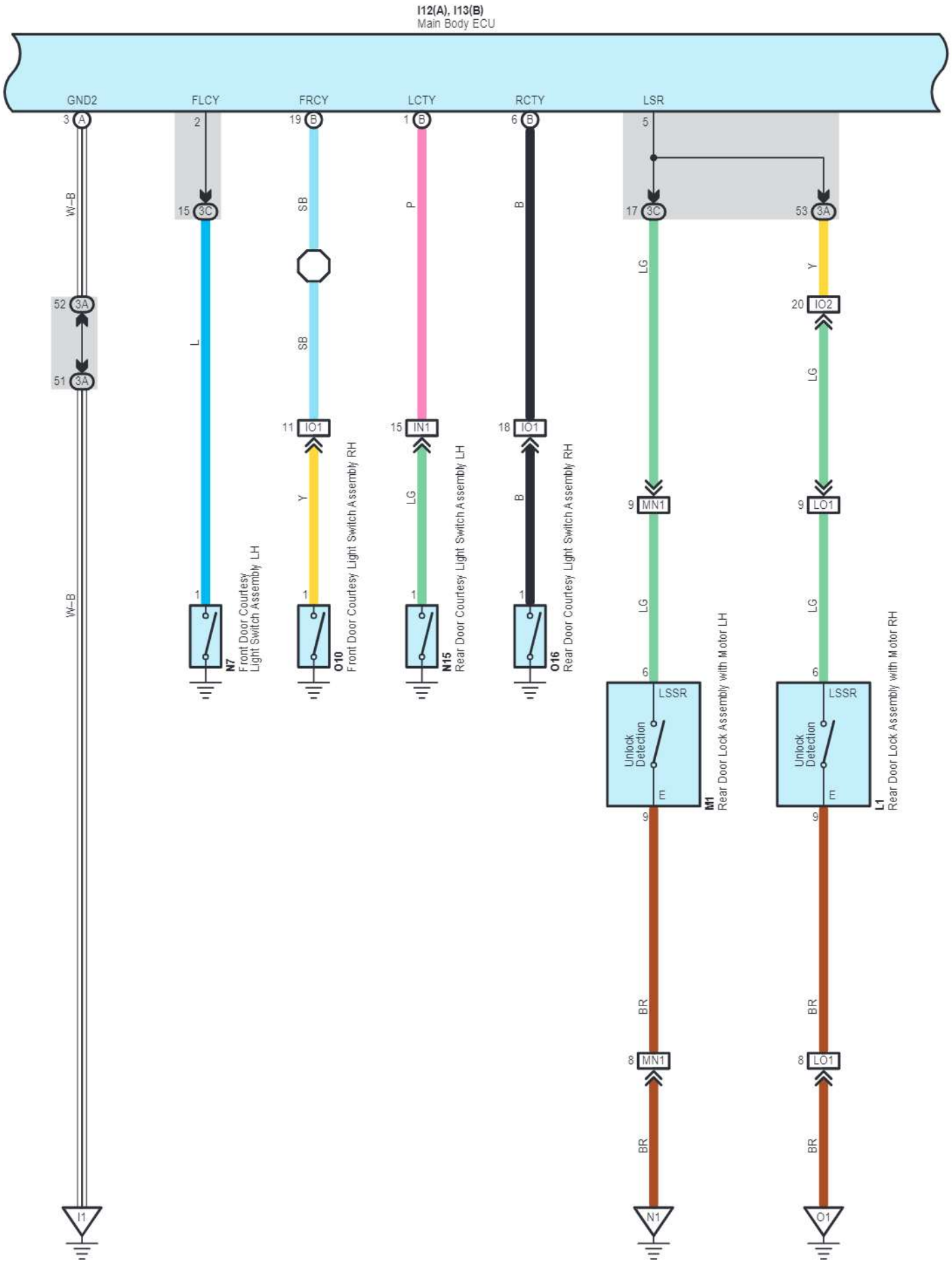

3A
White
1 2 3 4 5 6 7 8 9 10 11 12 13 14
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56

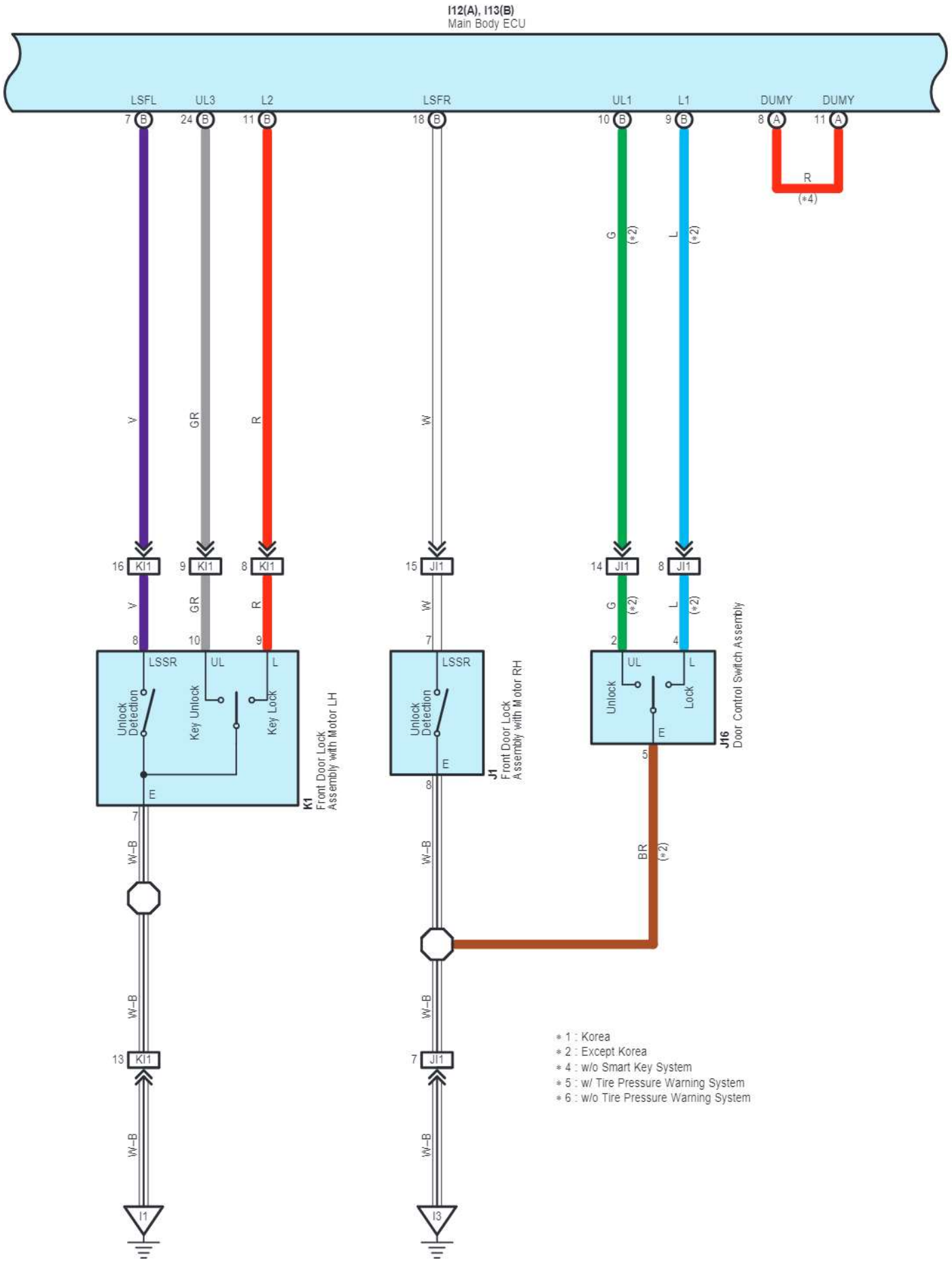

EA1
White
1 2
2 1

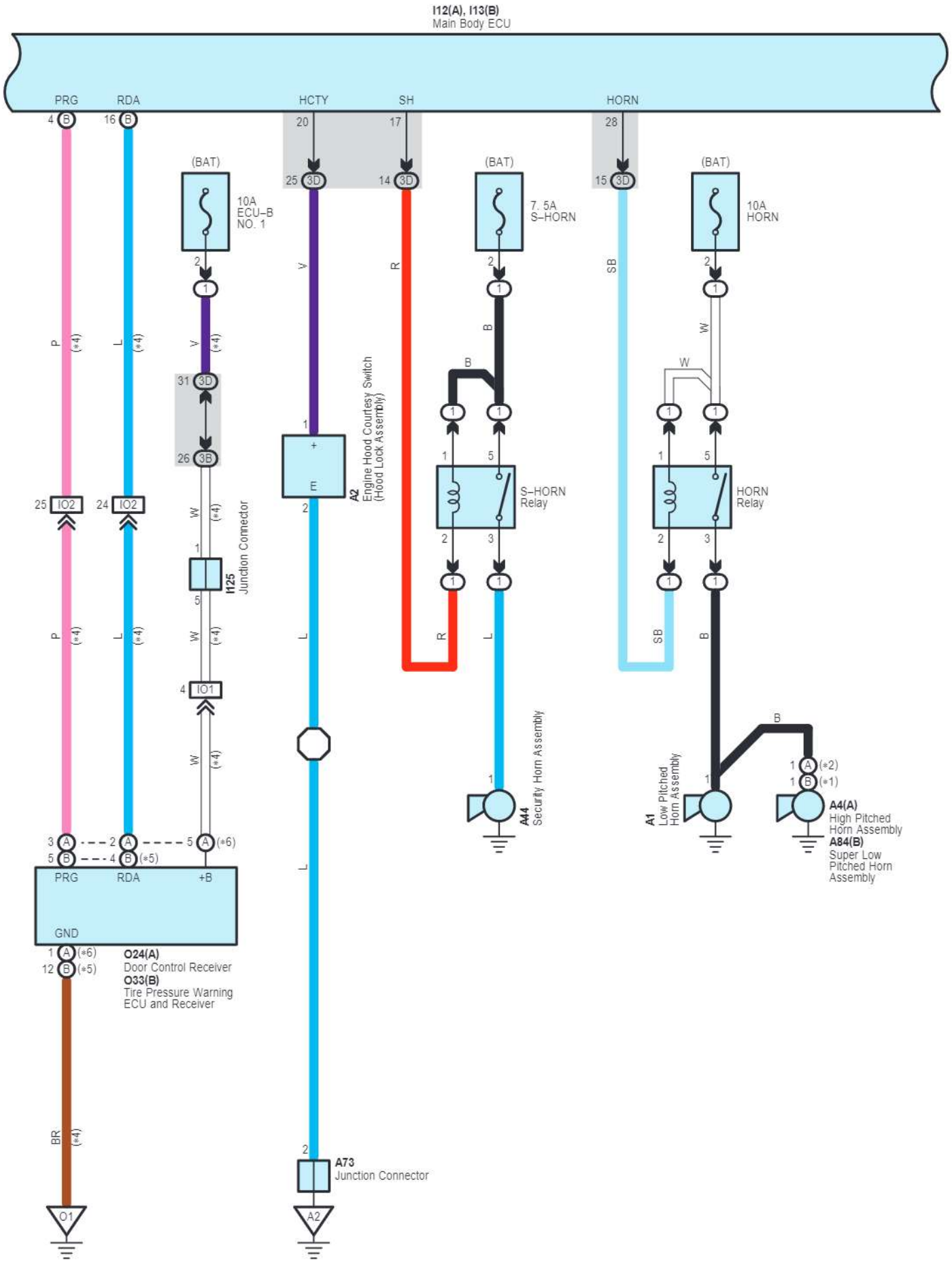

IA2
Gray
1 2 3
3 2 1

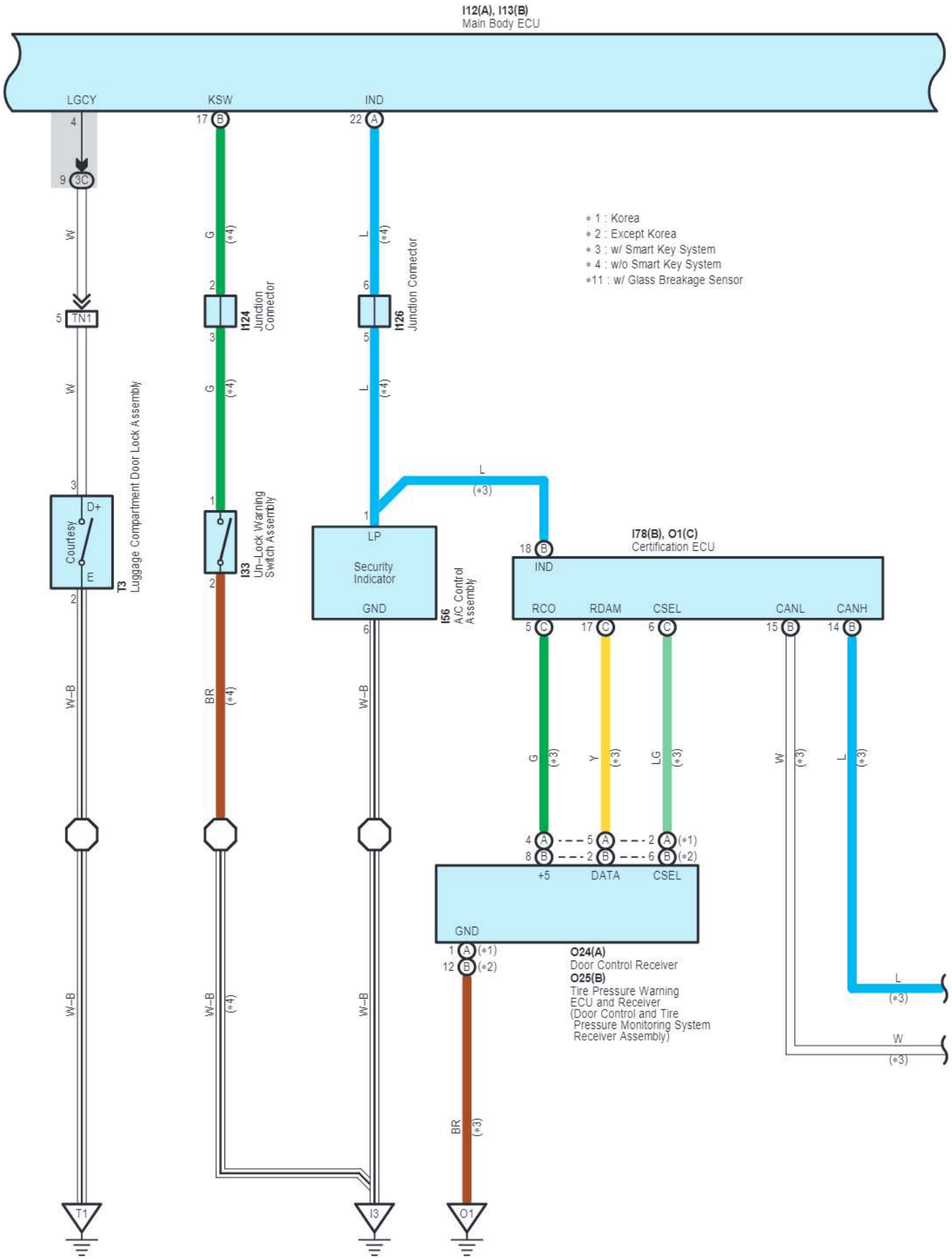

IA3
Blue
1 2 3 4 5 6 7 8 9 10 11 12 13 14
15 16 17 18 19 20 21 22 23 24 25 26
14 13 12 11 10 9 8 7 6 5 4 3 2 1
26 25 24 23 22 21 20 19 18 17 16 15

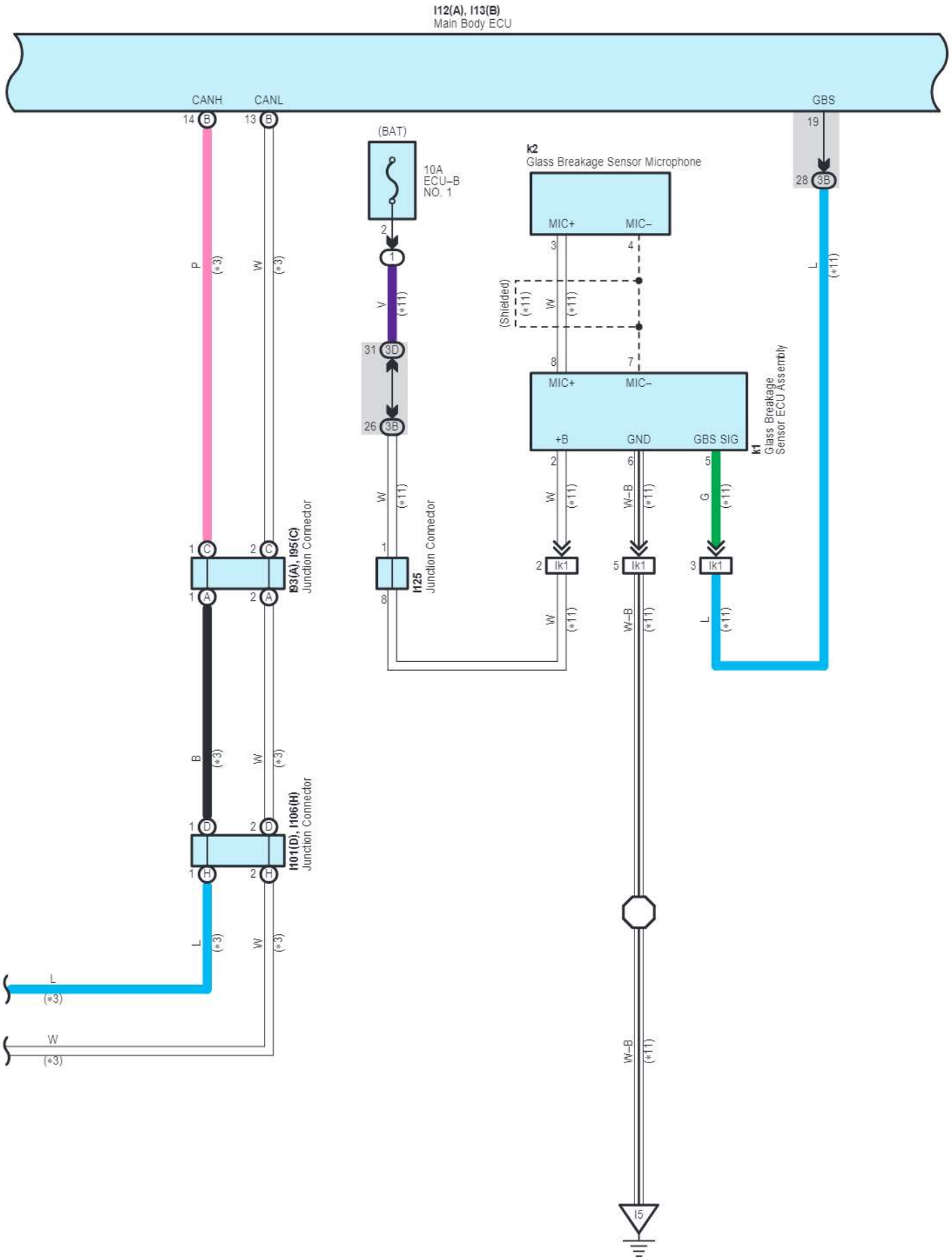

(BAT)
10A
ECU–B
NO. 1
2
1
V
(IG)
10A
ECU–IG1
NO. 2
2
(ACC)
7. 5A
ECU–ACC
2
(BAT)
20A
D/L–AM1
2
I12(A), I13(B)
Main Body ECU
ALTB
ACC
IG
BECU
GND1
31
29
32
30
11
31
3D
V
7
3B
W–B
I3

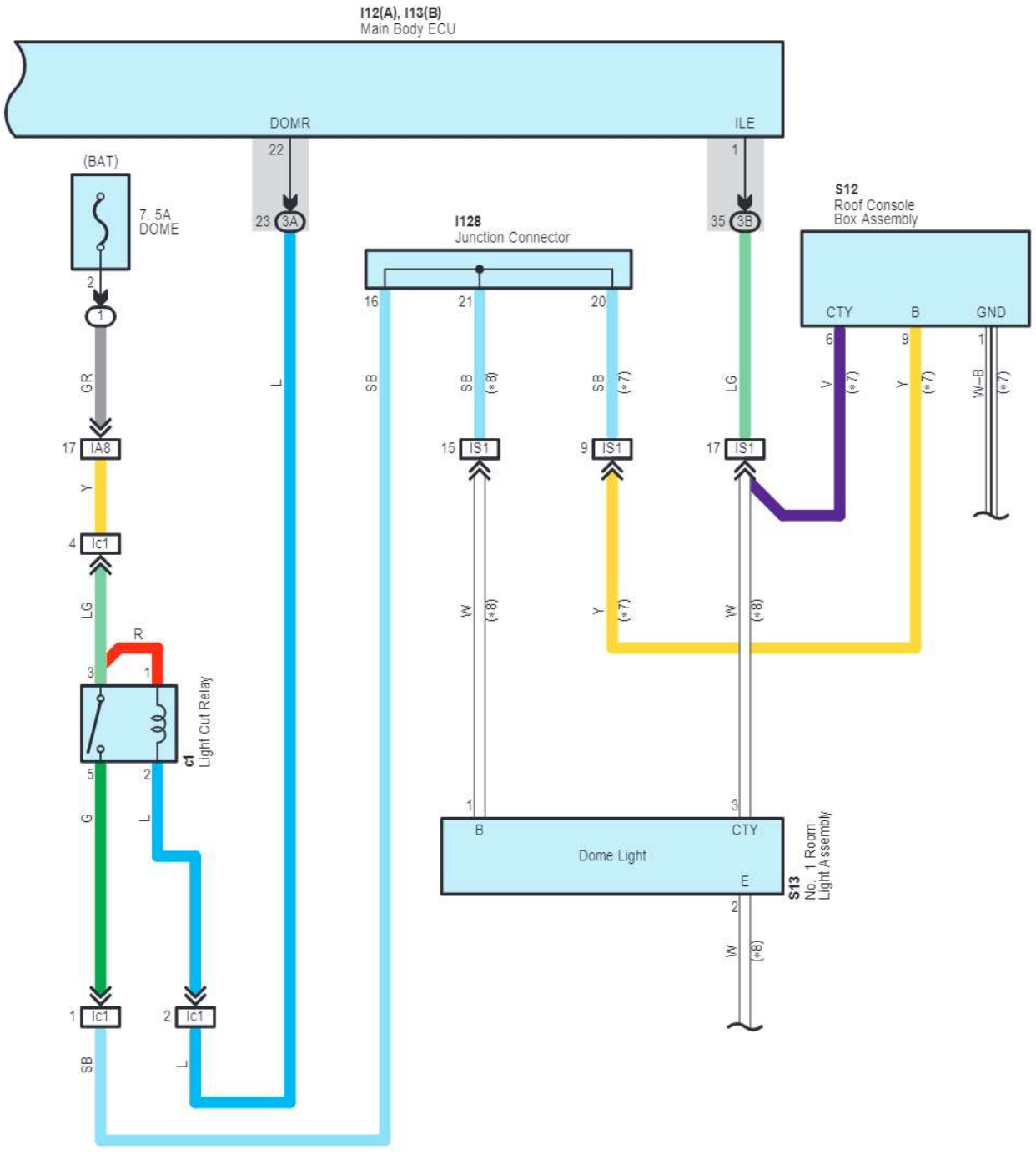

I12(A), I13(B)
Main Body ECU
GND2
FLCY
FRCY
LCTY
RCTY
LSR
3 A
2
19 B
1 B
6 B
5
W-B
15 3C
SB
P
B
17 3C
53 3A
LG
Y
52 3A
51 3A
L
11 IO1
15 IN1
18 IO1
20 IO2
9 MN1
9 LO1
1
N7
Front Door Courtesy Light Switch Assembly LH
Y
O10
Front Door Courtesy Light Switch Assembly RH
N15
Rear Door Courtesy Light Switch Assembly LH
O16
Rear Door Courtesy Light Switch Assembly RH
6
LSSR
Unlock Detection
E
M1
Rear Door Lock Assembly with Motor LH
L1
Rear Door Lock Assembly with Motor RH
8 MN1
8 LO1
BR
I1
N1
O1


I12(A), I13(B)
Main Body ECU
LSFL
UL3
L2
LSFR
UL1
L1
DUMY
DUMY
7 B
24 B
11 B
18 B
10 B
9 B
8 A
11 A
R
(*4)
G
(*2)
L
(*2)
V
GR
R
W
16 KI1
9 KI1
8 KI1
15 JI1
14 JI1
8 JI1
V
GR
R
W
G
(*2)
L
(*2)
8
10
9
7
2
4
LSSR
UL
L
Unlock Detection
Key Unlock
Key Lock
E
K1
Front Door Lock Assembly with Motor LH
LSSR
Unlock Detection
E
J1
Front Door Lock Assembly with Motor RH
UL
L
Unlock
Lock
m
J16
Door Control Switch Assembly
5
7
8
W-B
W-B
W-B
W-B
W-B
BR
(*2)
13 KI1
7 JI1
I1
I3
* 1 : Korea
* 2 : Except Korea
* 4 : w/o Smart Key System
* 5 : w/ Tire Pressure Warning System
* 6 : w/o Tire Pressure Warning System


I12(A), I13(B)
Main Body ECU
PRG
RDA
HCTY
SH
HORN
(BAT)
10A
ECU-B
NO. 1
7. 5A
S-HORN
10A
HORN
S-HORN
Relay
HORN
Relay
I125
Junction Connector
A2
Engine Hood Courtesy Switch
(Hood Lock Assembly)
A44
Security Horn Assembly
A1
Low Pitched
Horn Assembly
A4(A)
High Pitched
Horn Assembly
A84(B)
Super Low
Pitched Horn
Assembly
O24(A)
Door Control Receiver
O33(B)
Tire Pressure Warning
ECU and Receiver
A73
Junction Connector
GND
+B
O1
A2

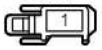

I12(A), I13(B)
Main Body ECU
LGCY
KSW
IND
4
9 3C
17 B
22 A
W
G (*4)
L (*4)
5 TN1
2
6
I124 Junction Connector
I126 Junction Connector
3
5
W
G (*4)
L (*4)
3
1
D+
Courtesy
E
T3 Luggage Compartment Door Lock Assembly
I33 Un-Lock Warning Switch Assembly
L (*3)
LP
Security Indicator
GND
I56 A/C Control Assembly
18 B
I78(B), O1(C) Certification ECU
IND
RCO
RDAM
CSEL
CANL
CANH
5 C
17 C
6 C
15 B
14 B
2
6
W-B
BR (*4)
W-B
G (*3)
Y (*3)
LG (*3)
W (*3)
L (*3)
4 A
8 B
5 A
2 B
2 A (*1)
6 B (*2)
+5
DATA
CSEL
GND
1 A (*1)
12 B (*2)
O24(A) Door Control Receiver
O25(B) Tire Pressure Warning ECU and Receiver (Door Control and Tire Pressure Monitoring System Receiver Assembly)
L (*3)
W (*3)
W-B
W-B (*4)
W-B
BR (*3)
T1
I3
O1
* 1 : Korea
* 2 : Except Korea
* 3 : w/ Smart Key System
* 4 : w/o Smart Key System
*11 : w/ Glass Breakage Sensor


I12(A), I13(B)
Main Body ECU
CANH
CANL
GBS
14 B
13 B
19
28 3B
(BAT)
10A
ECU–B
NO. 1
2
1
V
(*11)
31 3D
26 3B
k2
Glass Breakage Sensor Microphone
MIC+
MIC–
3
4
(Shielded)
W
(*11)
8
7
MIC+
MIC–
+B
GND
GBS SIG
k1
Glass Breakage
Sensor ECU Assembly
2
6
5
W
W–B
G
L
(*11)
2 IK1
5 IK1
3 IK1
I125
Junction Connector
8
1
P
(*3)
W
(*3)
1 C
2 C
1 A
2 A
I93(A), I95(C)
Junction Connector
B
(*3)
1 D
2 D
1 H
2 H
I101(D), I106(H)
Junction Connector
L
(*3)
W
(*3)
I5

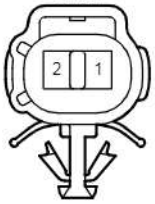


* 7 : w/ Sliding Roof
* 8 : w/o Sliding Roof

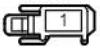
A 1
Black



A 2
Black



A 4
Black



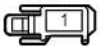
A 44
Black



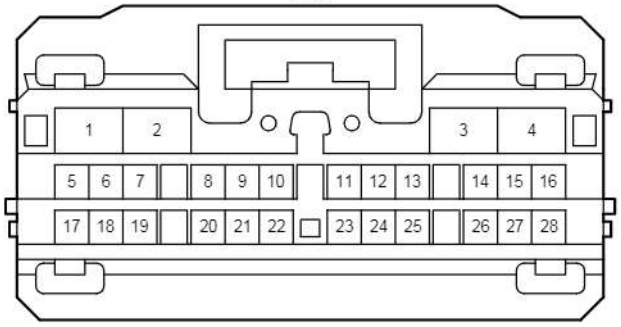
A 73
Gray



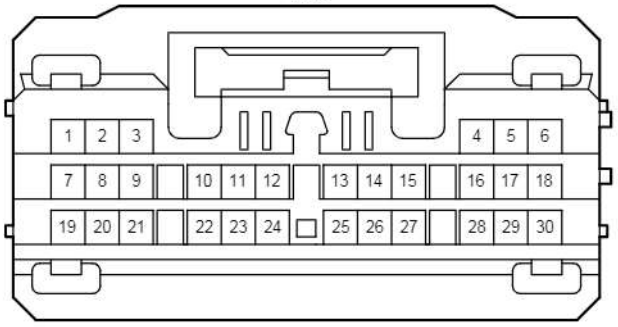
A 84
Black



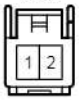
I 12
White



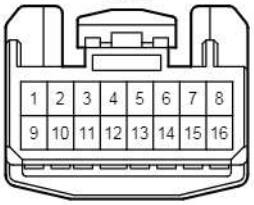
I 13
White



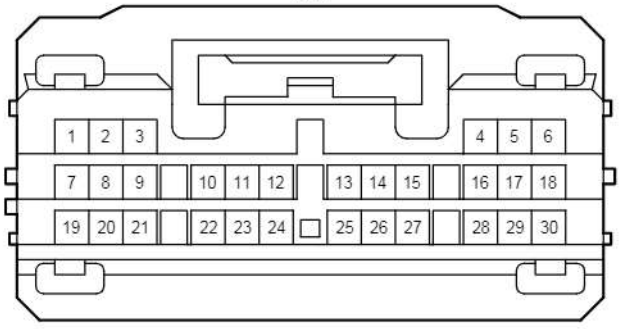
I 33
White



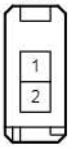
I 56
Black



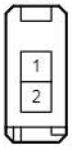
I 78
White



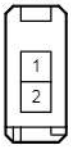
I 93
White



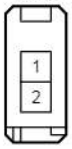
I 95
White



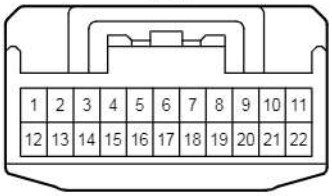
I101
White



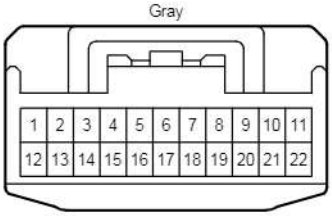
I106
White



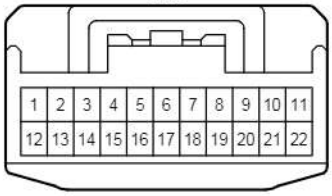
I124
White



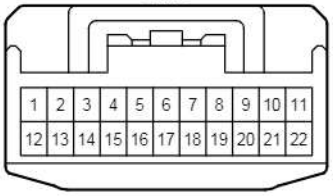
I125
Gray



I126
White



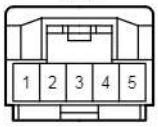
I128
White



J 1
White



J 16
White



K 1
White



L 1
White



M 1
White



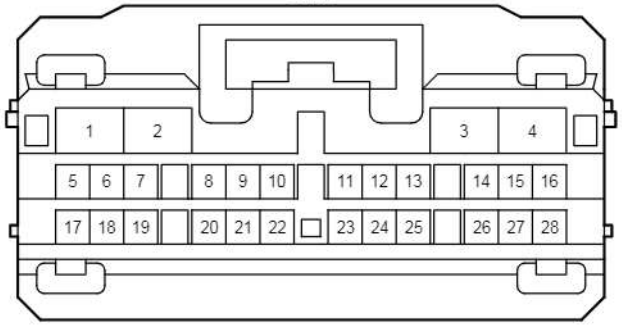
N 7
Black



N 15
Black



O 1
White



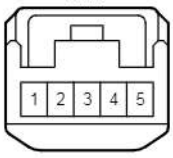
O 10
Black



O 16
Black



O 24
White



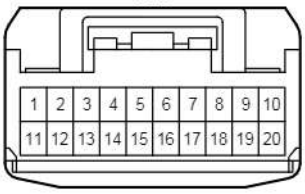
O 25
White



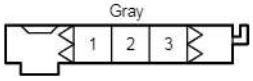
O 33
White



S 12
Black



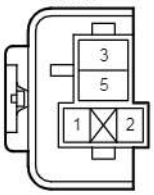
S 13
Gray



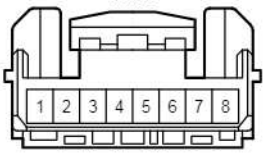
T 3
Black



c 1
White



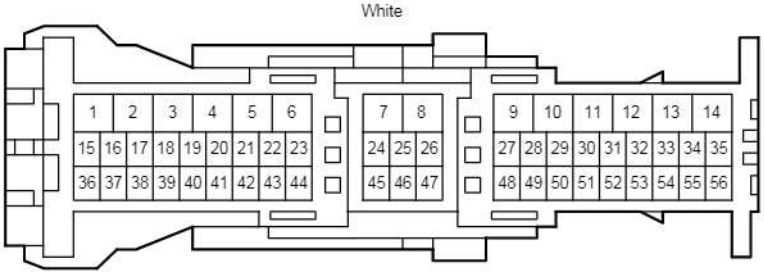
k 1
White



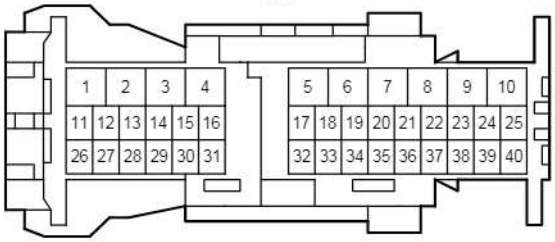
k 2
White



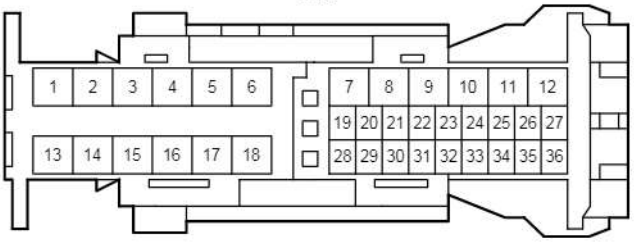
3A
White



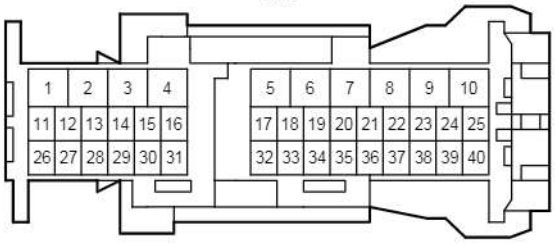
3B
White



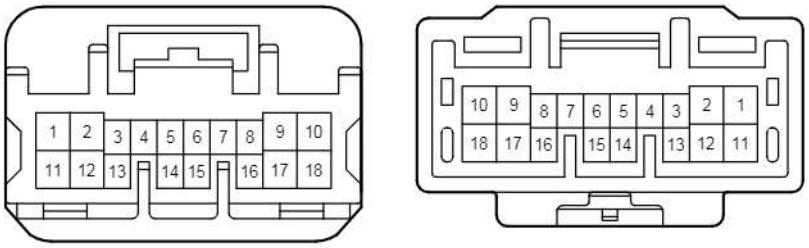
3C
White



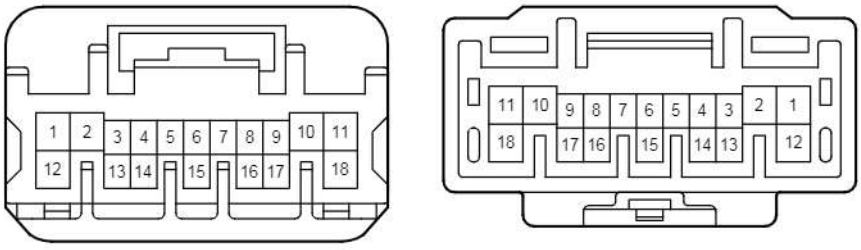
3D
White



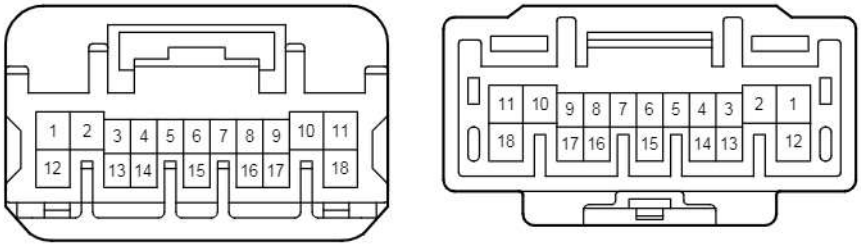
IA8
Gray



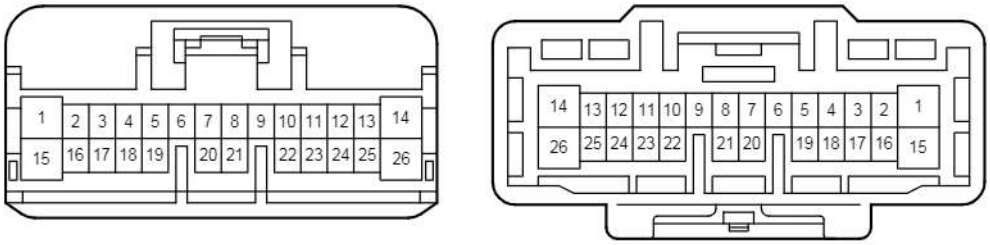
IN1
White



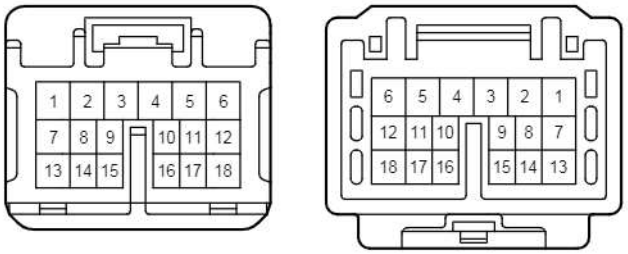
IO1
White



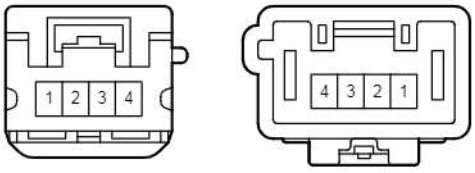
IO2
White



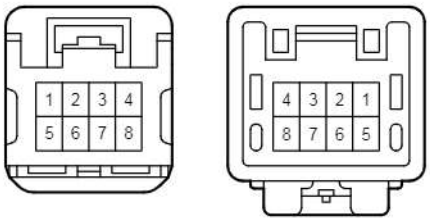
IS1
White



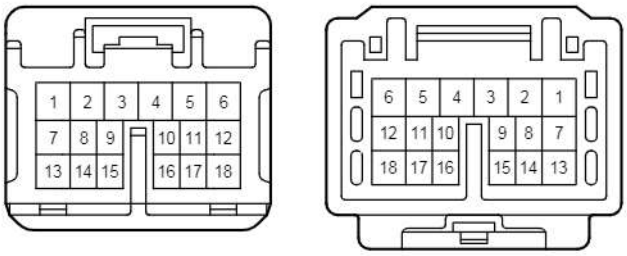
Ic1
White



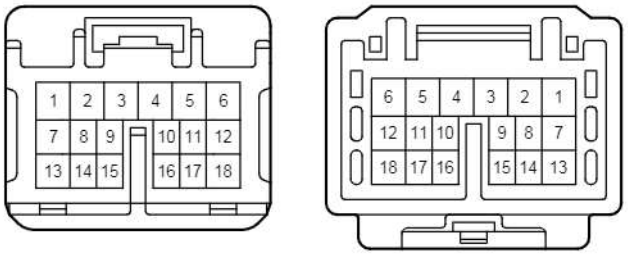
Ik1
White



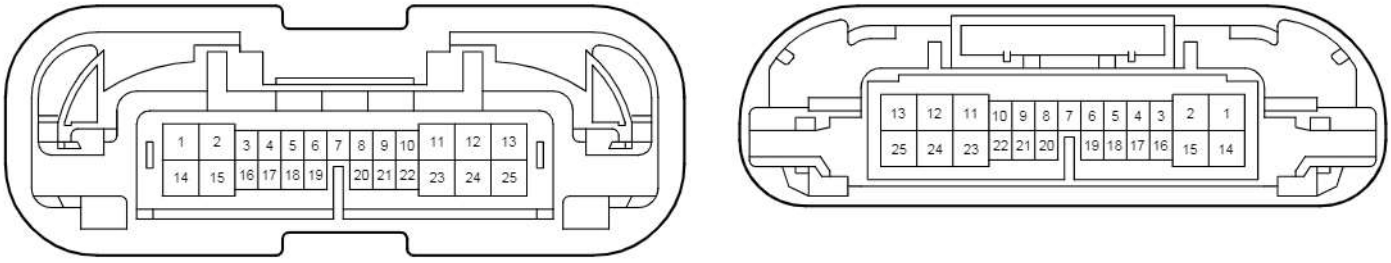
Jl1
Gray



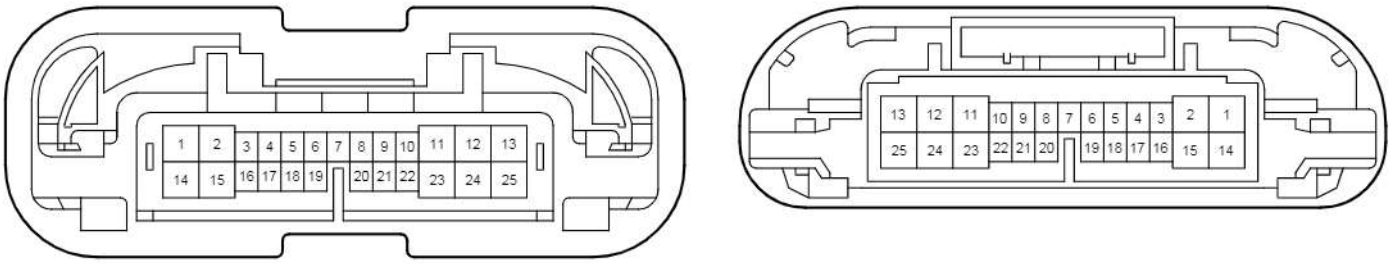
Kl1
White



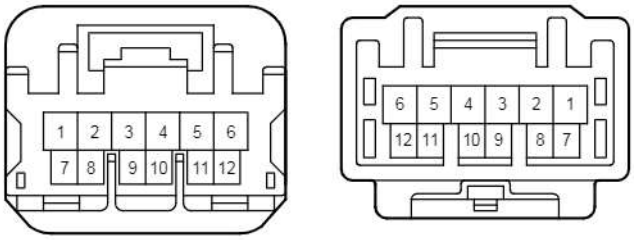
LO1
White

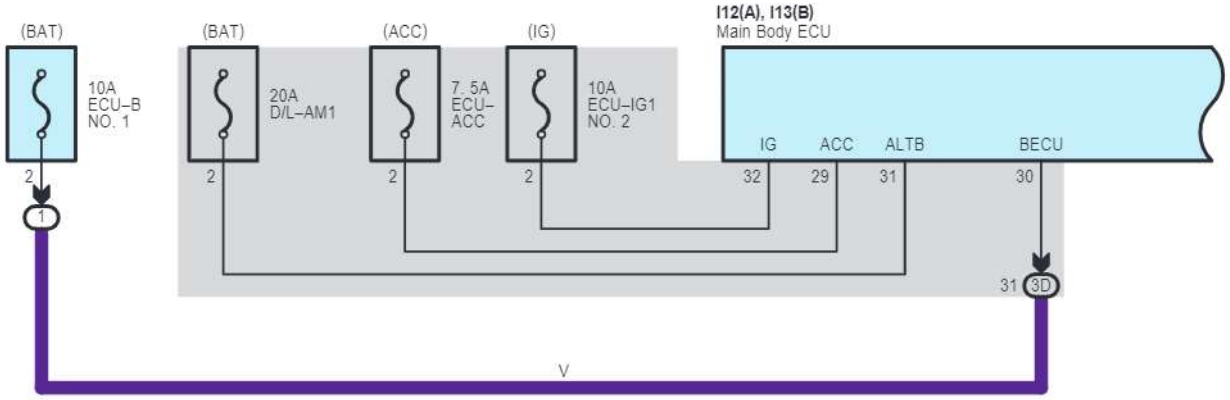


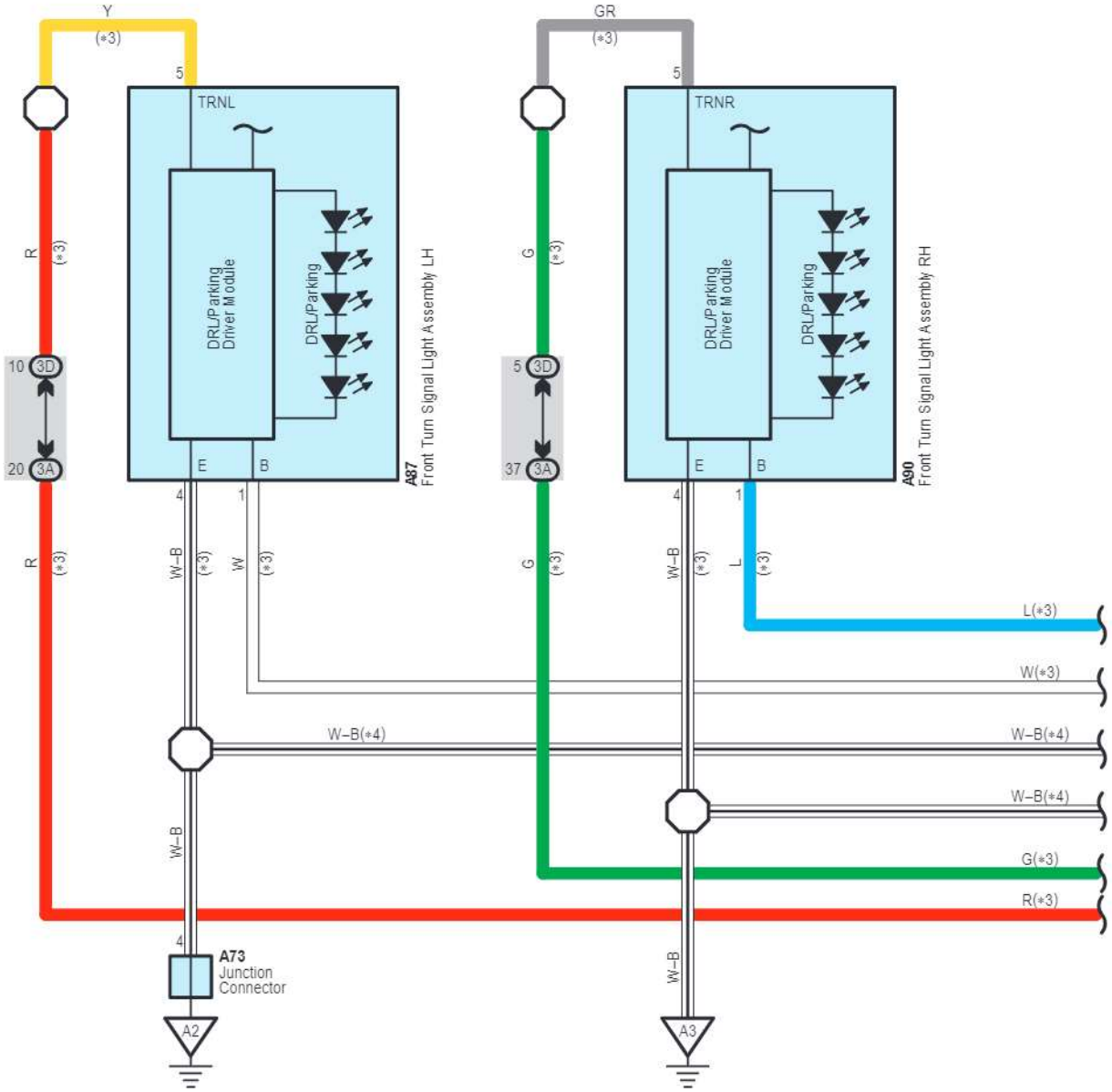
MN1
White



TN1
White

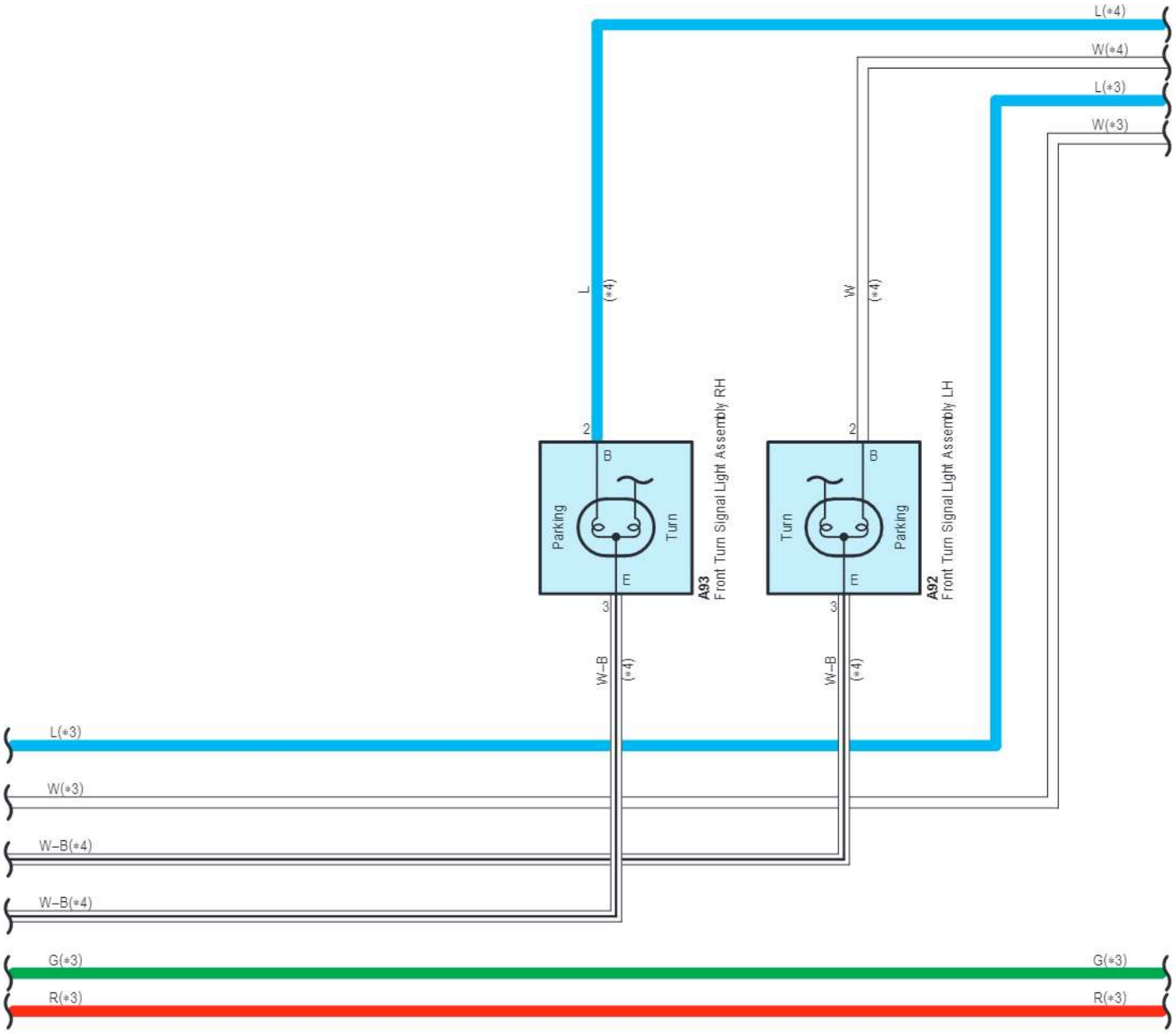


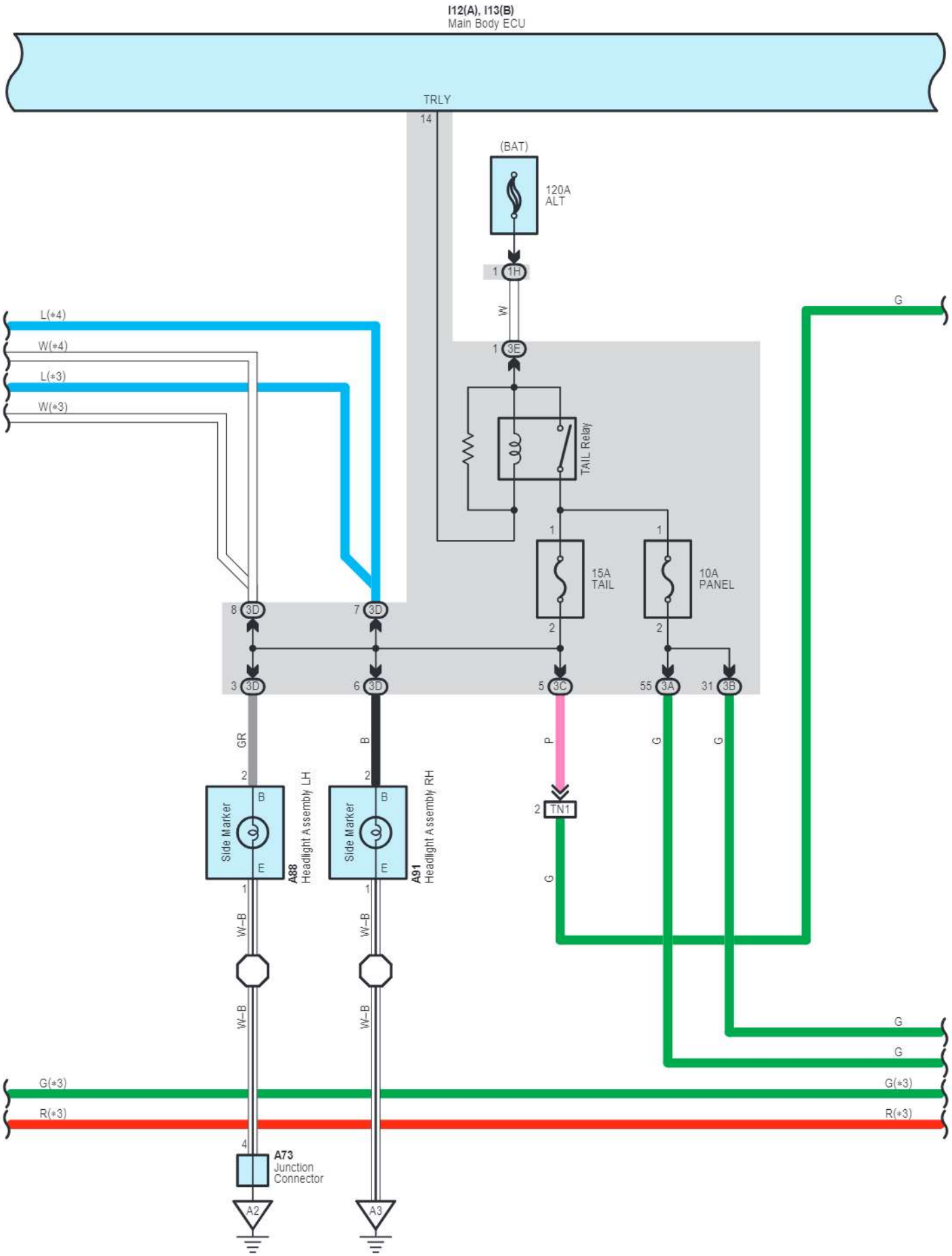

(BAT)
(BAT)
(ACC)
(IG)
I12(A), I13(B)
Main Body ECU
10A
ECU–B
NO. 1
20A
D/L–AM1
7. 5A
ECU–
ACC
10A
ECU–IG1
NO. 2
IG
ACC
ALTB
BECU
2
1
32
29
31
30
31 3D
V


Y
(*3)
GR
(*3)
TRNL
TRNR
DRL/Parking
Driver Module
DRL/Parking
A87
Front Turn Signal Light Assembly LH
A90
Front Turn Signal Light Assembly RH
R
G
L
W
W–B
10 3D
20 3A
5 3D
37 3A
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

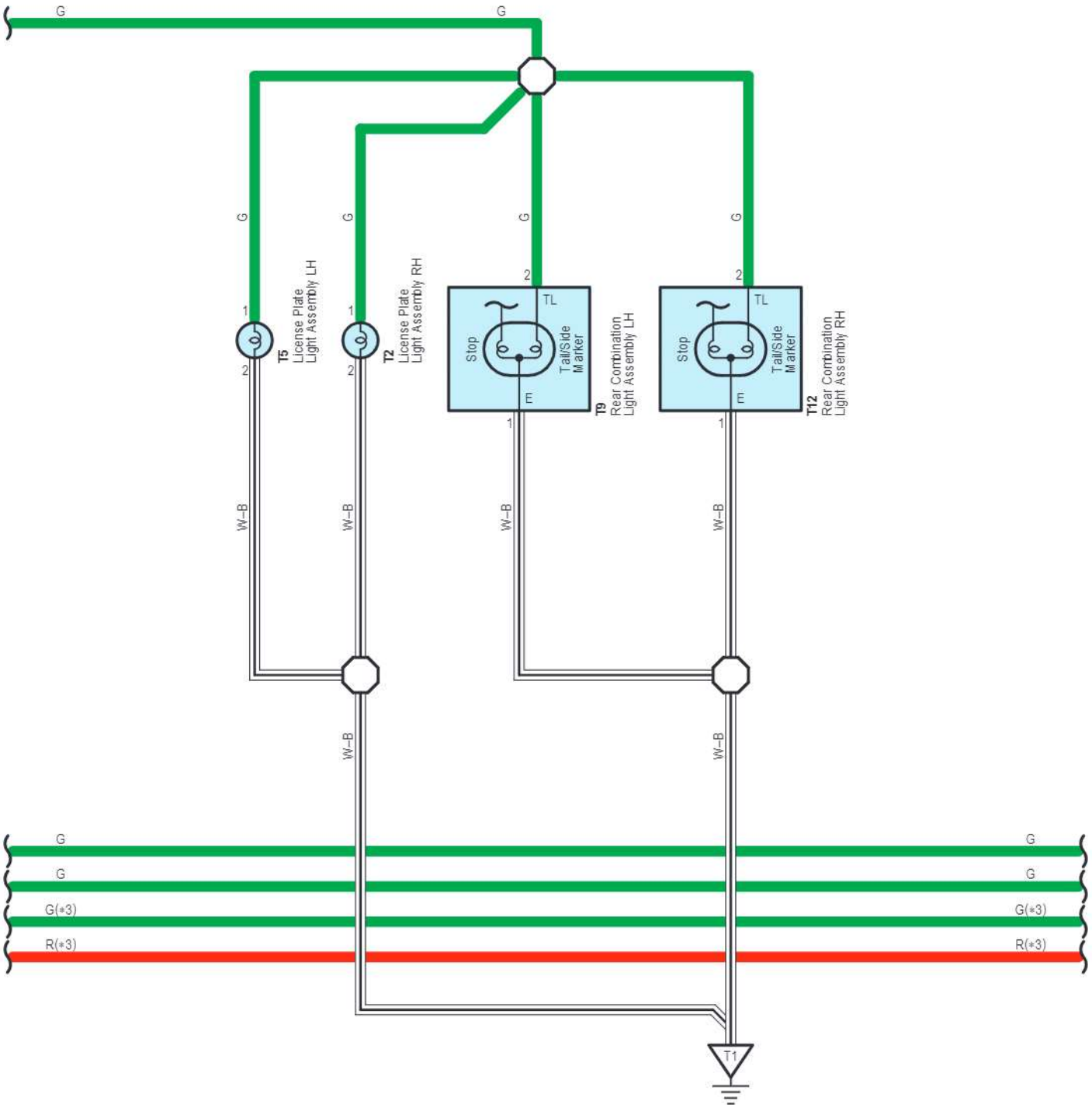
* 3 : w/ LED Daytime Running Light
* 4 : w/o LED Daytime Running Light

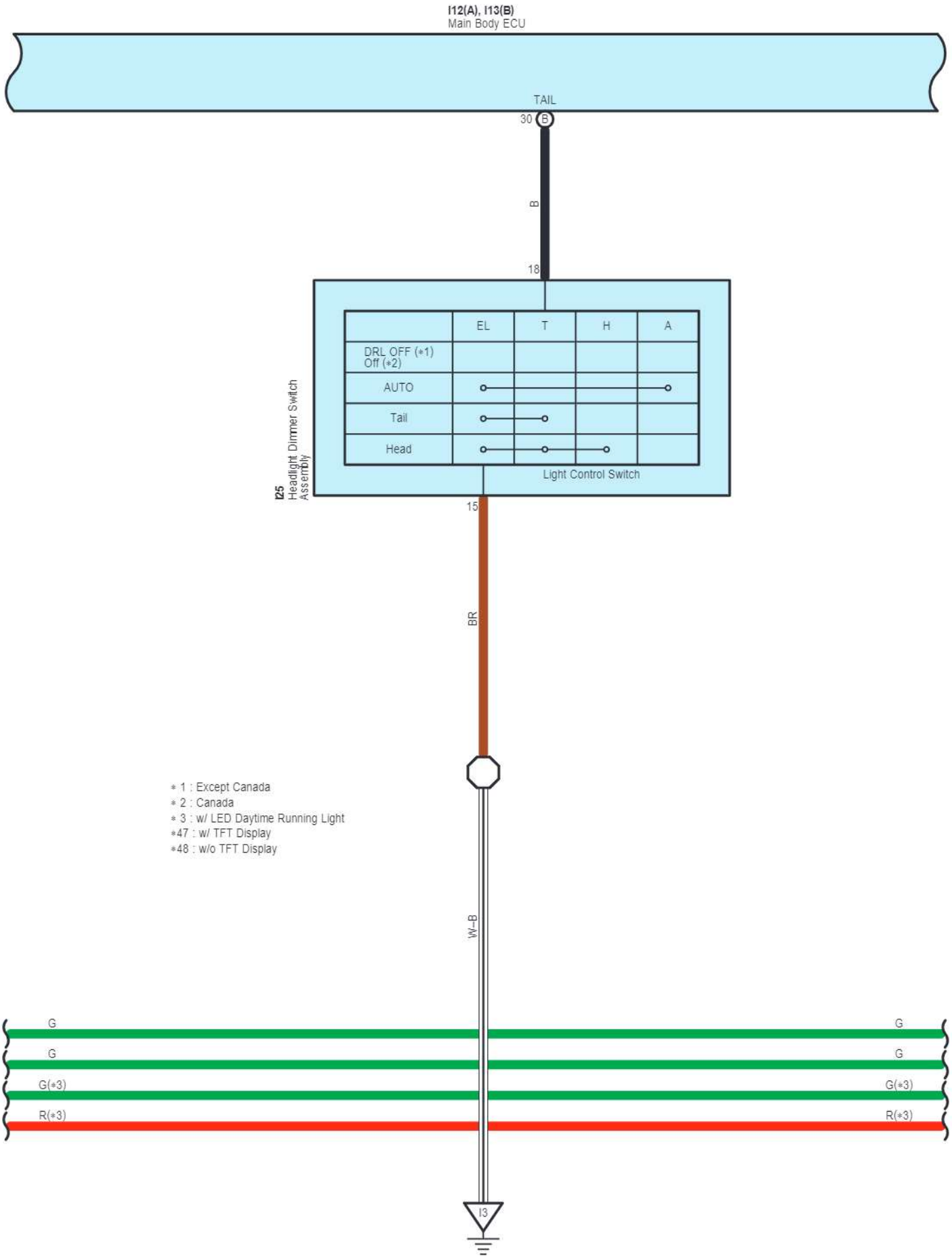


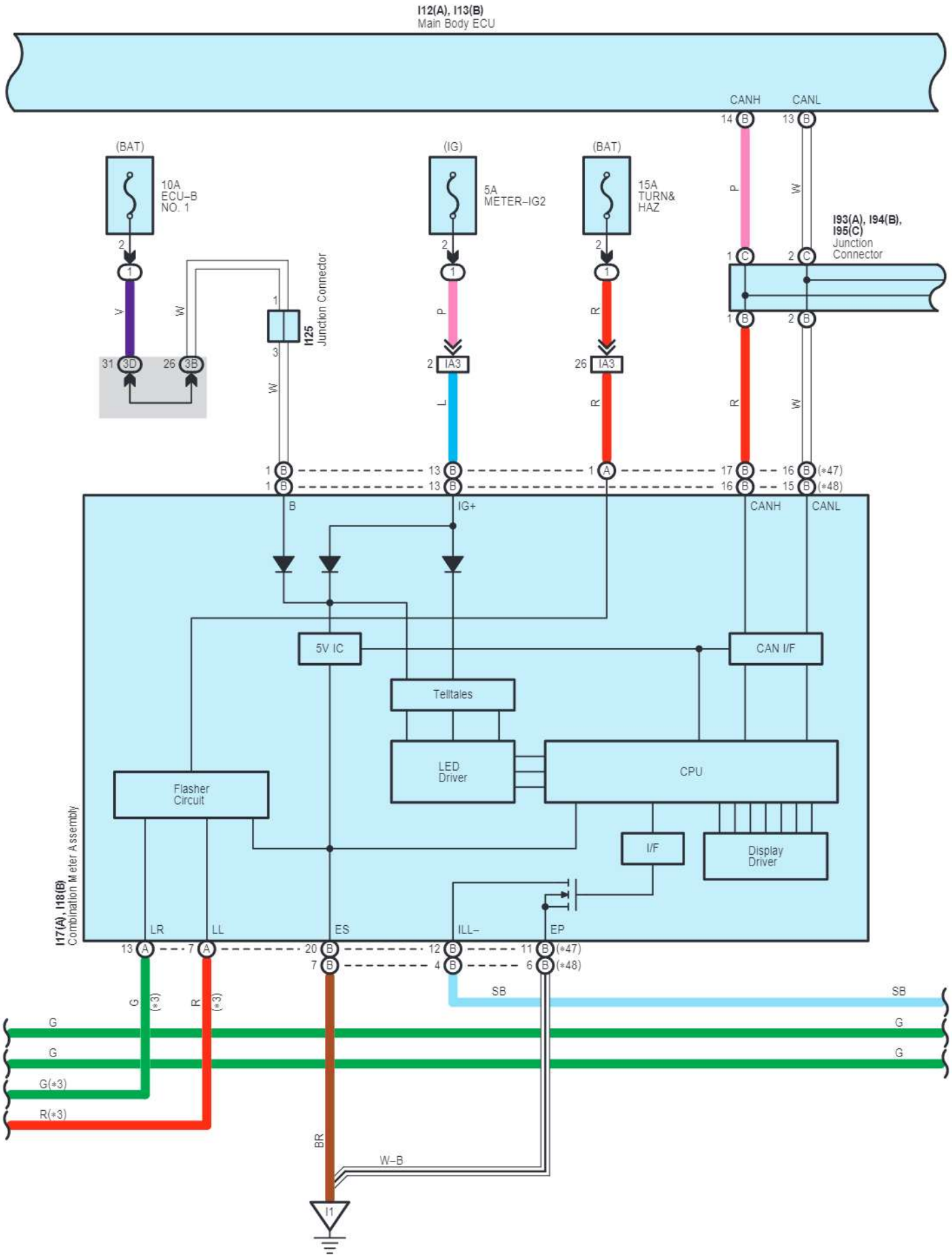

I12(A), I13(B)
Main Body ECU
TRLY
14
(BAT)
120A
ALT
1 1H
W
1 3E
TAIL Relay
L(*4)
W(*4)
L(*3)
W(*3)
G
1
15A
TAIL
2
1
10A
PANEL
2
8 3D
7 3D
3 3D
6 3D
5 3C
55 3A
31 3B
GR
B
P
G
2
Side Marker
B
E
A88
Headlight Assembly LH
A91
Headlight Assembly RH
2 TN1
1
W-B
4
A73
Junction
Connector
G(*3)
R(*3)
A2
A3

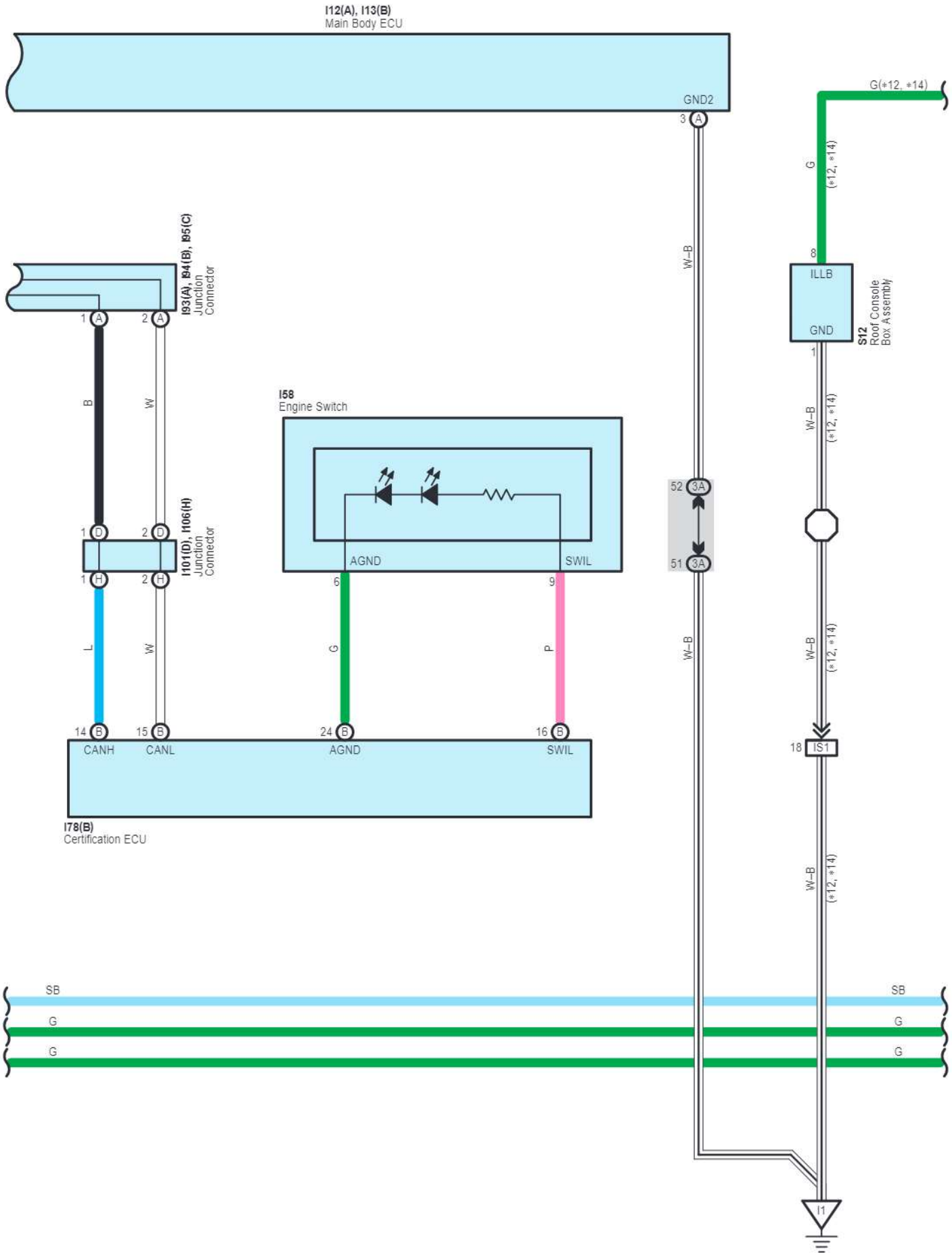
I12(A), I13(B)
Main Body ECU

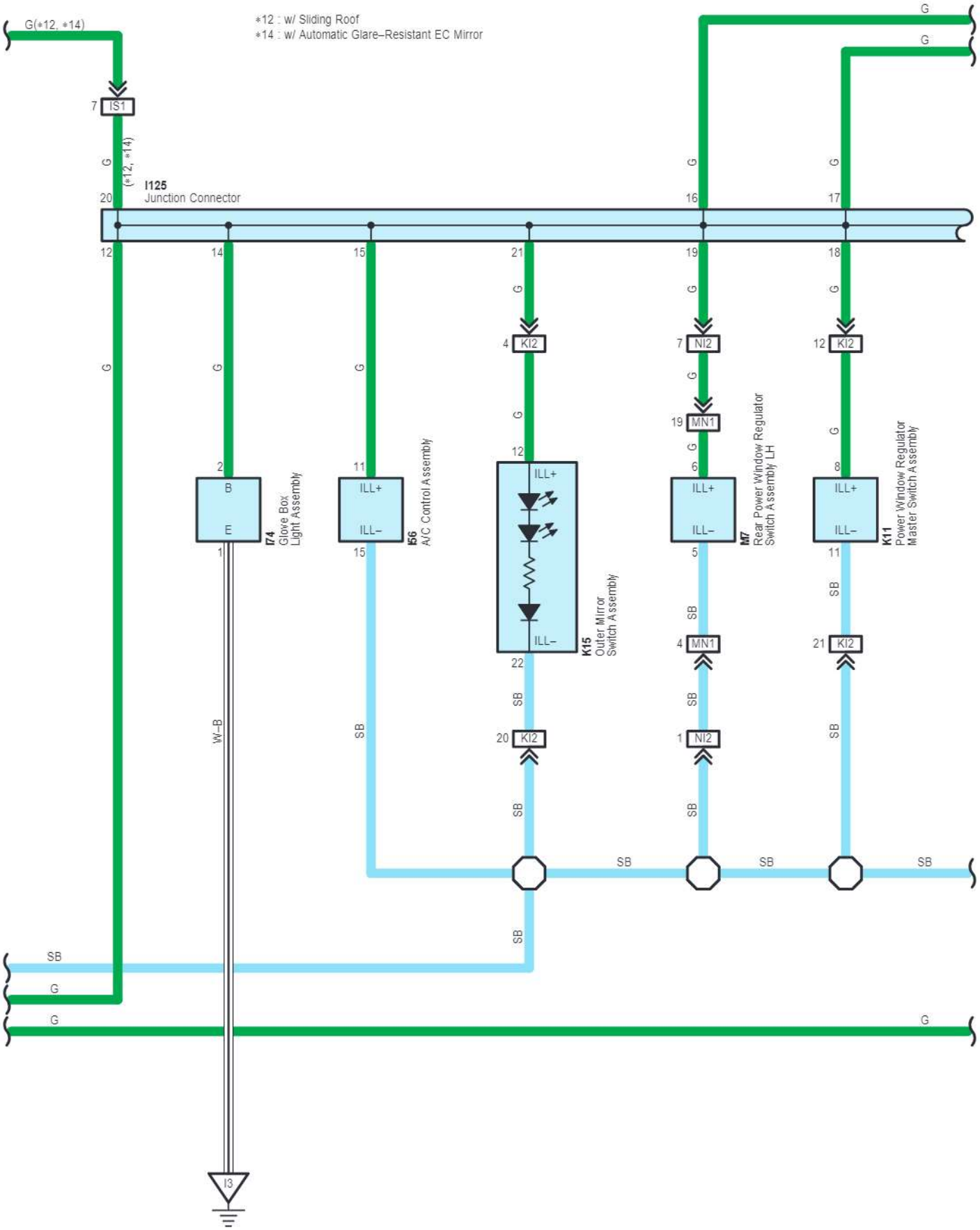
* 3 : w/ LED Daytime Running Light
* 4 : w/o LED Daytime Running Light

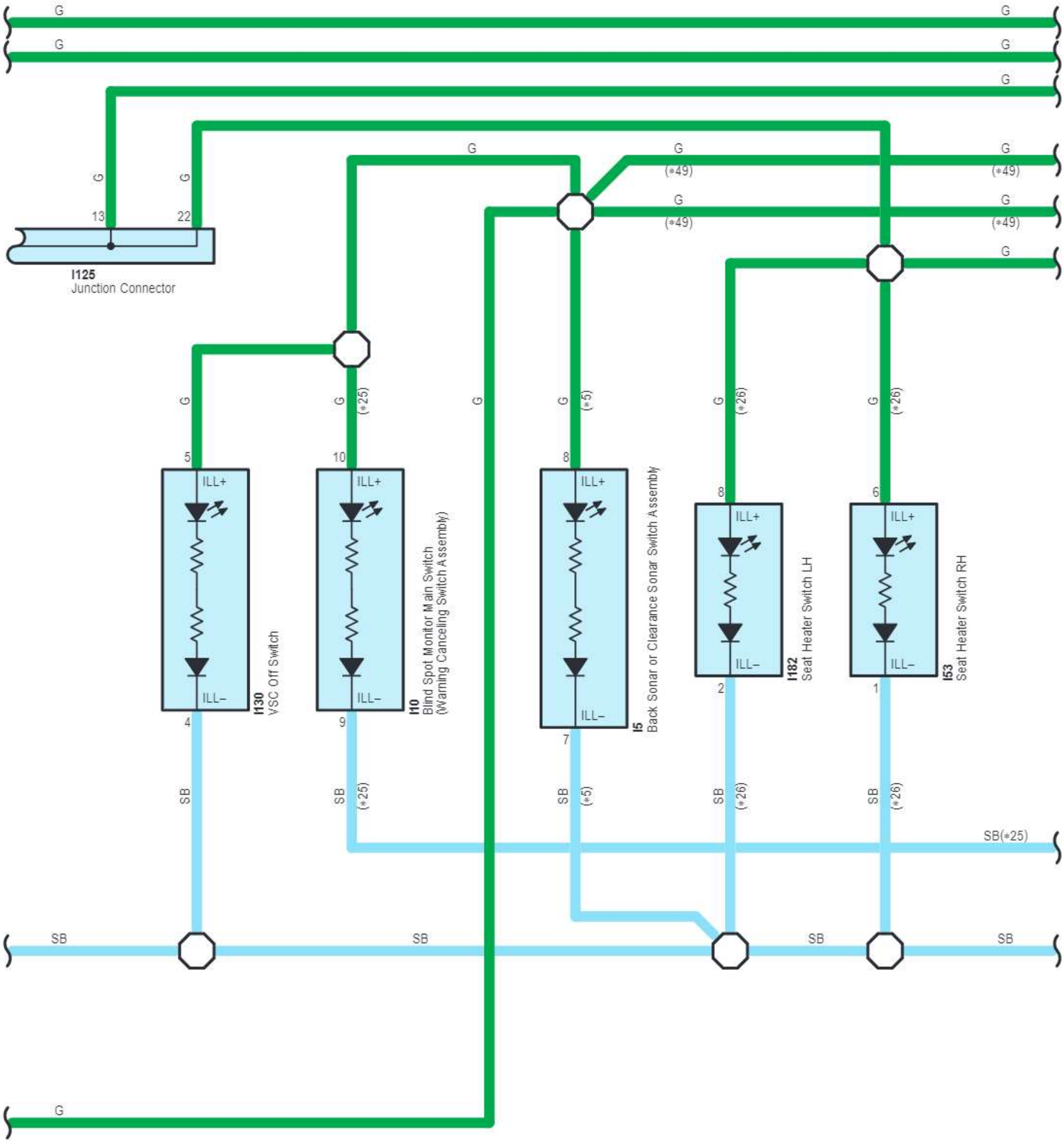


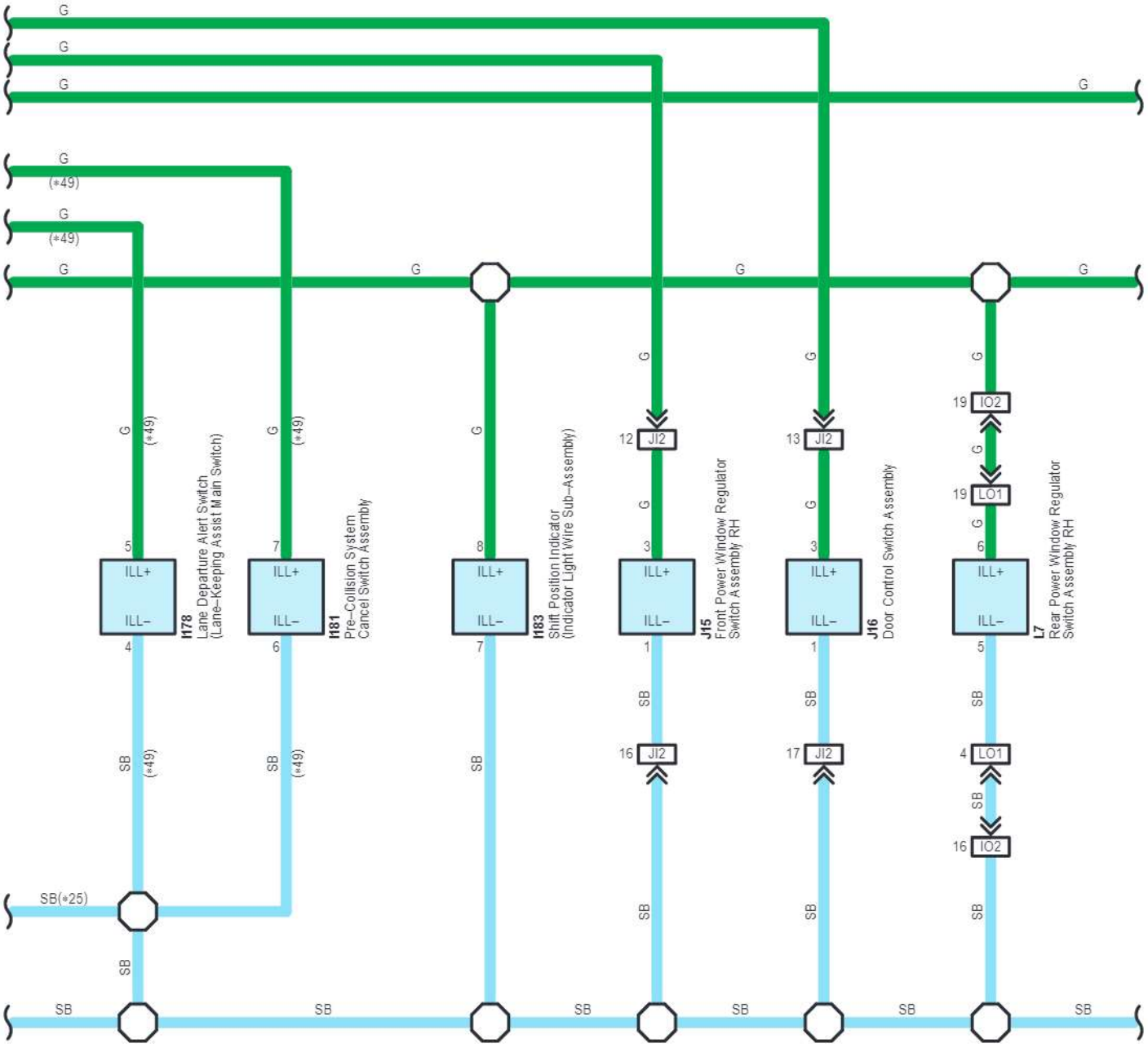

I12(A), I13(B)
Main Body ECU
TAIL
30 B
B
18
EL
T
H
A
DRL OFF (*1)
Off (*2)
AUTO
Tail
Head
Light Control Switch
I25
Headlight Dimmer Switch Assembly
15
BR
* 1 : Except Canada
* 2 : Canada
* 3 : w/ LED Daytime Running Light
*47 : w/ TFT Display
*48 : w/o TFT Display
W-B
G
G
G(*3)
R(*3)
G
G
G(*3)
R(*3)
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
IA3
B
IG+
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
G
G(*3)
R(*3)
SB
BR
W–B
I1


I12(A), I13(B)
Main Body ECU
GND2
3 A
W–B
G(*12, *14)
G
(*12, *14)
8
ILLB
GND
S12
Roof Console Box Assembly
1
W–B
(*12, *14)
I93(A), I94(B), I95(C)
Junction Connector
1 A
2 A
B
W
I58
Engine Switch
52 3A
51 3A
AGND
SWIL
6
9
G
P
I101(D), I106(H)
Junction Connector
1 D
2 D
1 H
2 H
L
W
W–B
(*12, *14)
18 IS1
14 B
15 B
24 B
16 B
CANH
CANL
AGND
SWIL
I78(B)
Certification ECU
SB
G
G
SB
G
G
W–B
(*12, *14)
I1

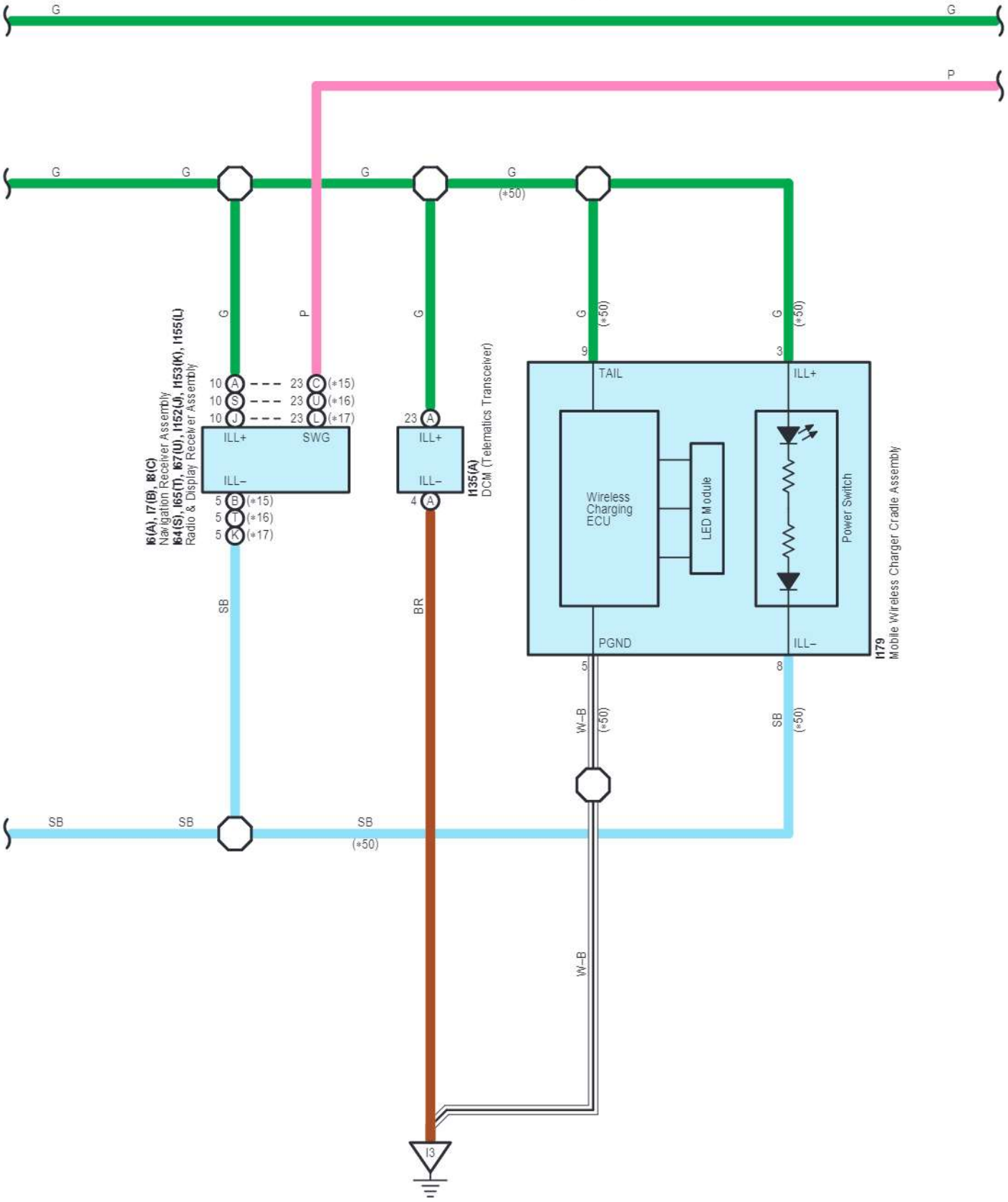

*12 : w/ Sliding Roof
*14 : w/ Automatic Glare–Resistant EC Mirror
G(*12, *14)
7 IS1
G (*12, *14)
I125
Junction Connector
20
12
14
15
21
16
19
17
18
G
4 KI2
7 NI2
12 KI2
19 MN1
2
B
E
1
I74
Glove Box
Light Assembly
11
ILL+
ILL–
15
I56
A/C Control Assembly
12
ILL+
ILL–
22
K15
Outer Mirror
Switch Assembly
6
5
M7
Rear Power Window Regulator
Switch Assembly LH
8
11
K11
Power Window Regulator
Master Switch Assembly
SB
4 MN1
21 KI2
20 KI2
1 NI2
W–B
I3

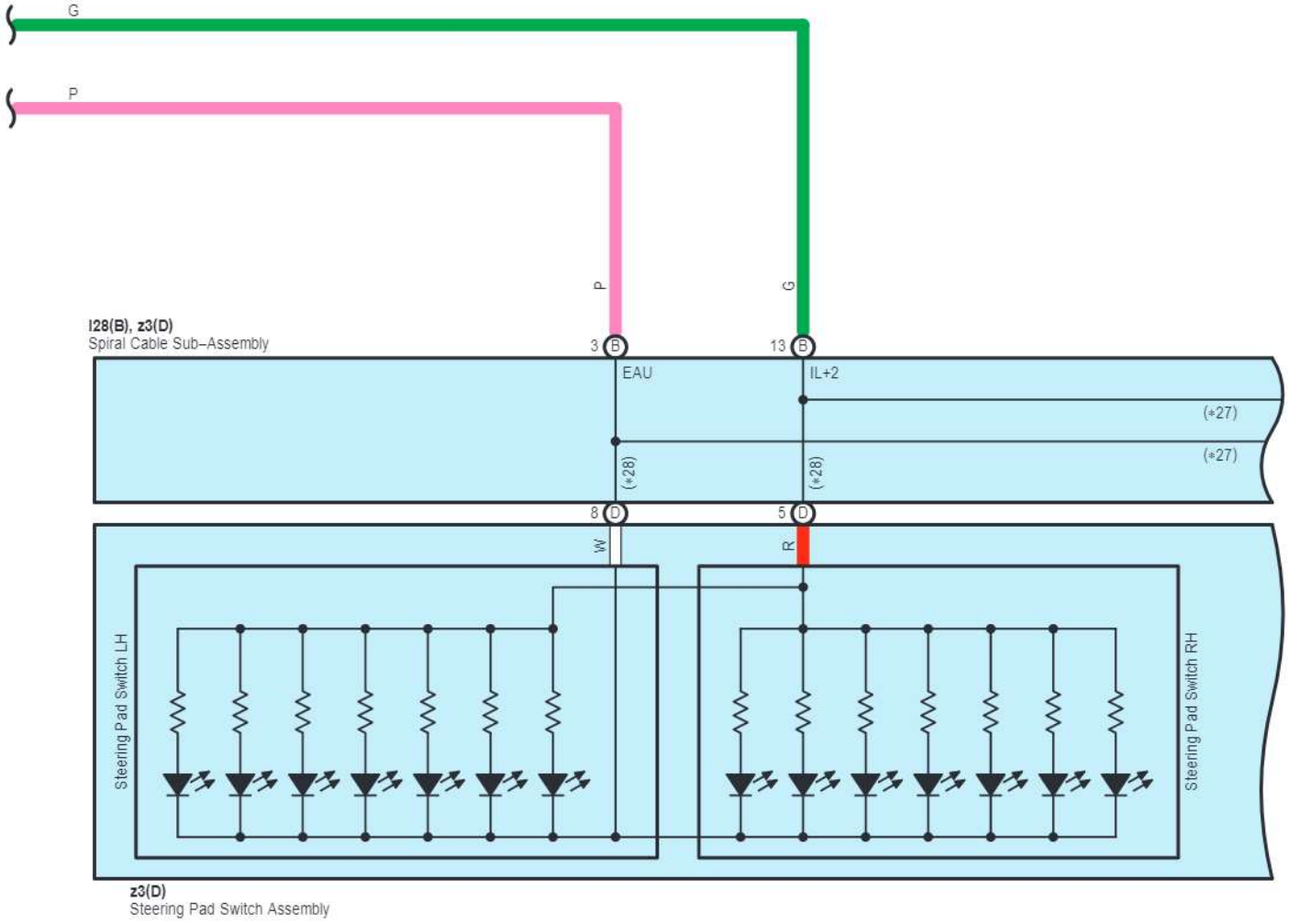

G
G
G
G
G
G
G
(*49)
G
(*49)
G
(*49)
G
(*49)
G
13
22
I125
Junction Connector
G
G (*25)
G
G (*5)
G (*26)
G (*26)
5
10
8
8
6
ILL+
ILL−
4
9
7
2
1
I130
VSC Off Switch
I10
Blind Spot Monitor Main Switch
(Warning Canceling Switch Assembly)
I5
Back Sonar or Clearance Sonar Switch Assembly
I182
Seat Heater Switch LH
I53
Seat Heater Switch RH
SB
SB (*25)
SB (*5)
SB (*26)
SB (*26)
SB(*25)
SB
SB
SB
SB
G



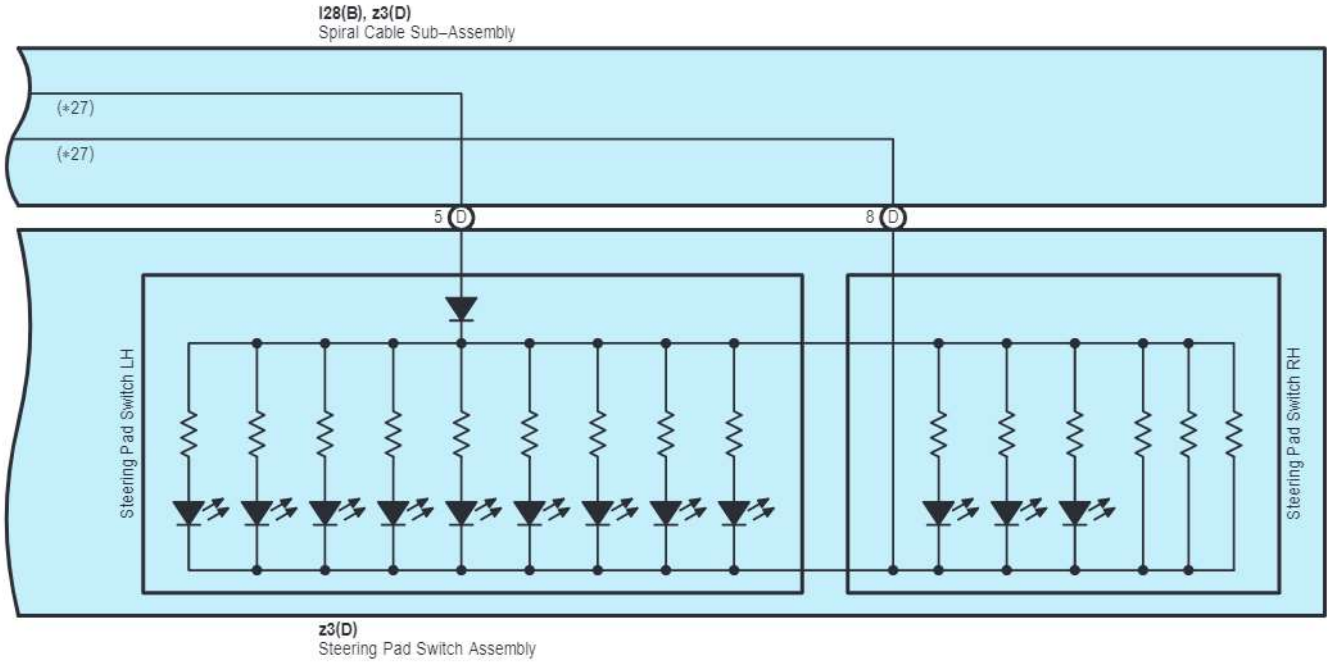
* 5 : w/ Parking Assist (Intuitive Parking Assist)
*25 : w/ Blind Spot Monitor System
*26 : w/ Seat Heater
*49 : w/ Dynamic Radar Cruise Control

∗15 : Navigation Receiver Type
∗16 : Radio & Display Receiver Type Korea
∗17 : Radio & Display Receiver Type Except Korea
∗25 : w/ Blind Spot Monitor System
∗27 : w/ Paddle Shift Switch w/o Dynamic Radar Cruise Control
∗28 : Except ∗27
∗50 : w/ Wireless Charger System




G
P
P
G
I28(B), z3(D)
Spiral Cable Sub–Assembly
3 B
13 B
EAU
IL+2
(*27)
(*27)
(*28)
(*28)
8 D
5 D
W
R
Steering Pad Switch LH
Steering Pad Switch RH
z3(D)
Steering Pad Switch Assembly

*27 : w/ Paddle Shift Switch w/o Dynamic Radar Cruise Control



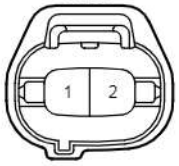
A 73
Gray



A 87
Black



A 88
Black



(Side Marker)

A 90
Black

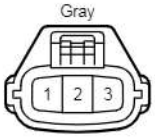


A 91
Black

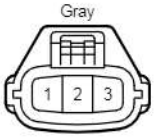


(Side Marker)

A 92
Gray



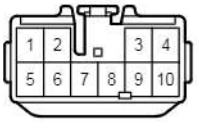
A 93
Gray



I 5
Black



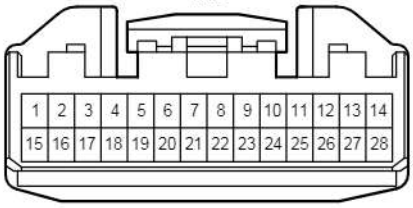
I 6
White



I 7
White



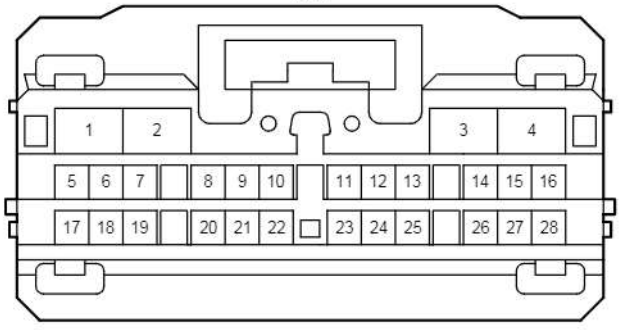
I 8
White



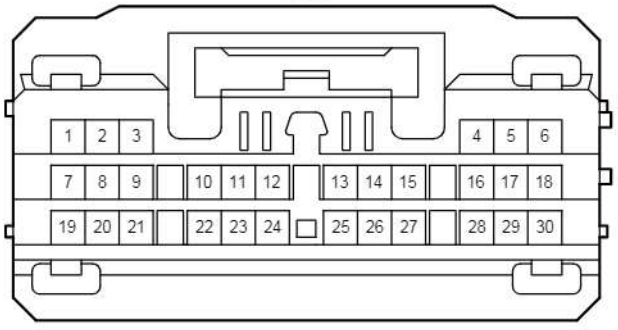
I 10
Black



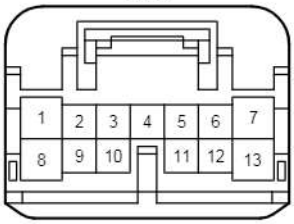
I 12
White



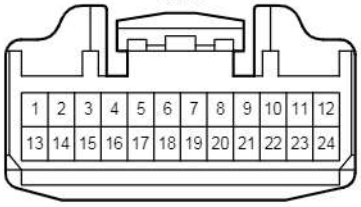
I 13
White



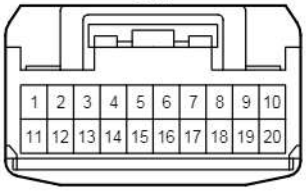
I 17
Black



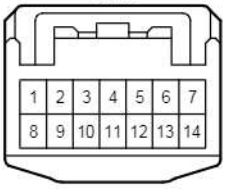
I 18
Black



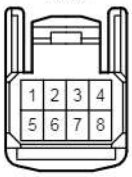
I 25
Black



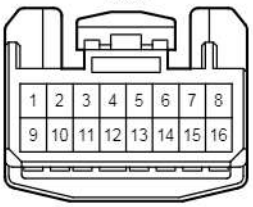
I 28
Black



I 53
Black



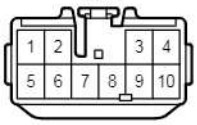
I 56
Black



I 58
Black



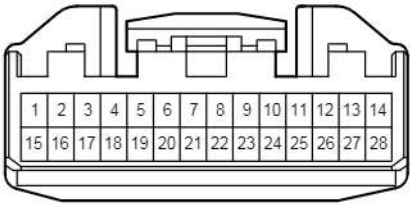
I 64
White



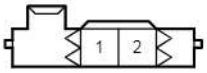
I 65
White



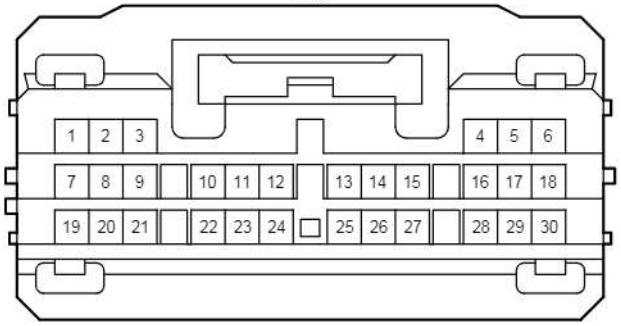
I 67
White



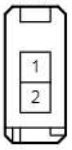
I 74
Black



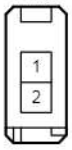
I 78
White



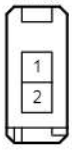
I 93
White



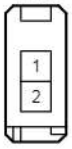
I 94
White



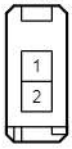
I 95
White



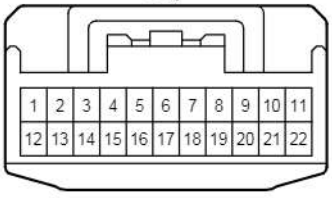
I101
White



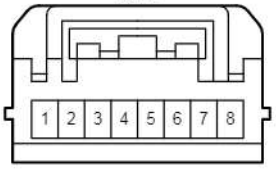
I106
White



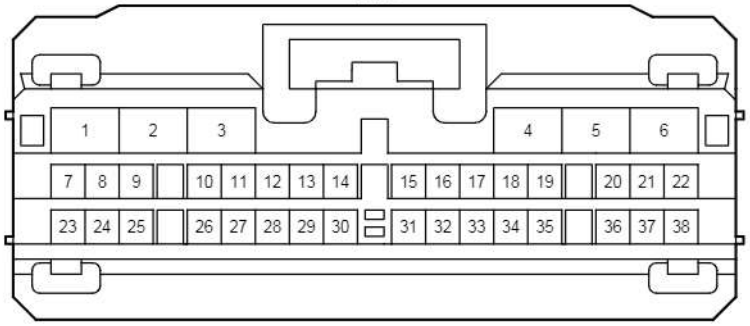
I125
Gray



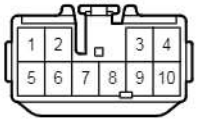
I130
Black



I135
White



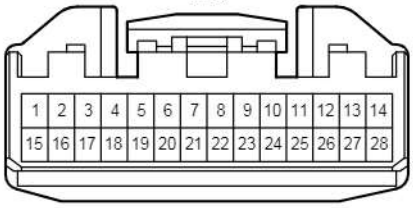
I152
White



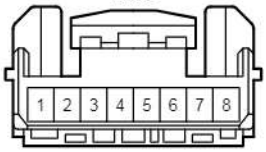
I153
White



I155
White



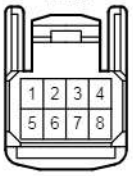
I178
Black



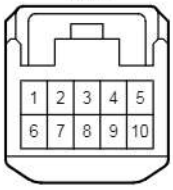
I179
White



I181
White



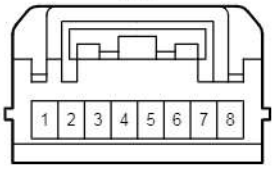
I182
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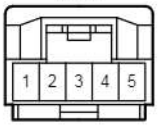
I183
White



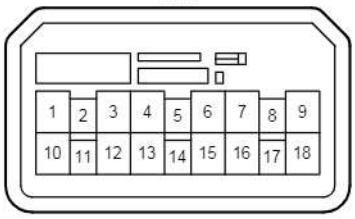
J 15
White



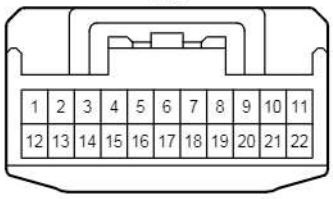
J 16
White



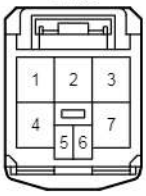
K 11
White



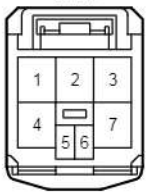
K 15
White



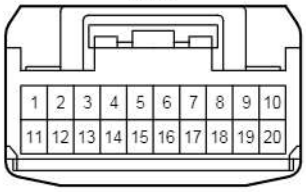
L 7
White



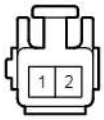
M 7
White



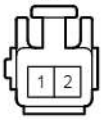
S 12
Black



T 2
Black



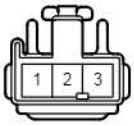
T 5
Black



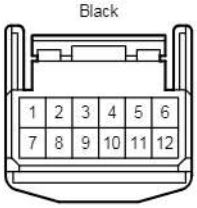
T 9
Black



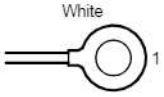
T 12
Black



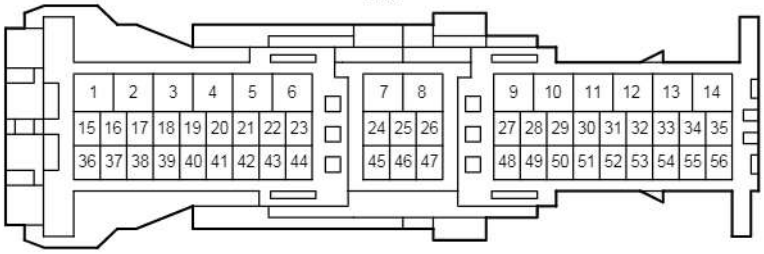
z 3
Black



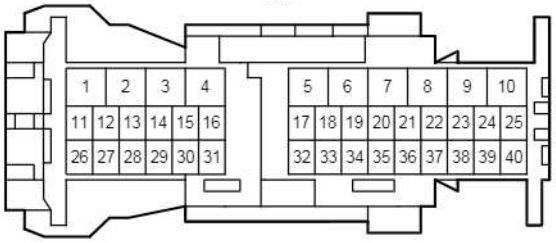
1H
White



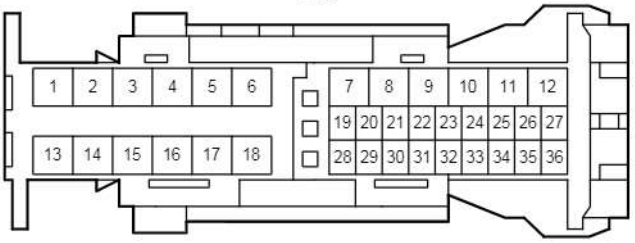
3A
White



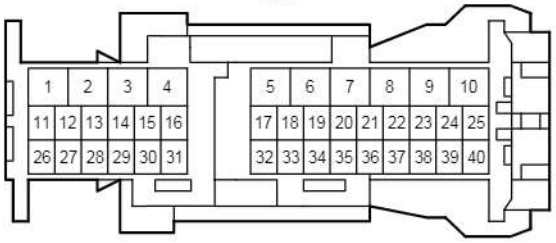
3B
White



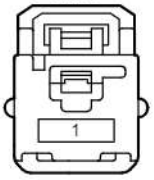
3C
White



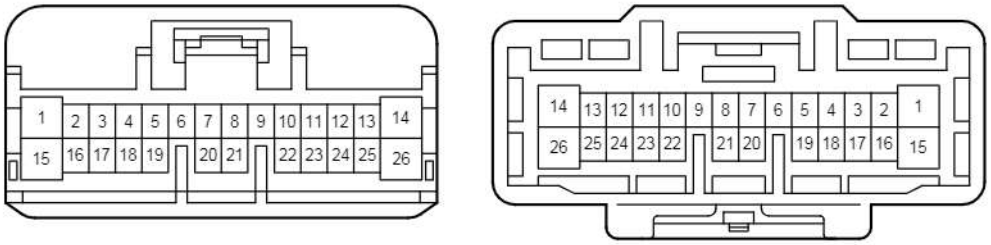
3D
White



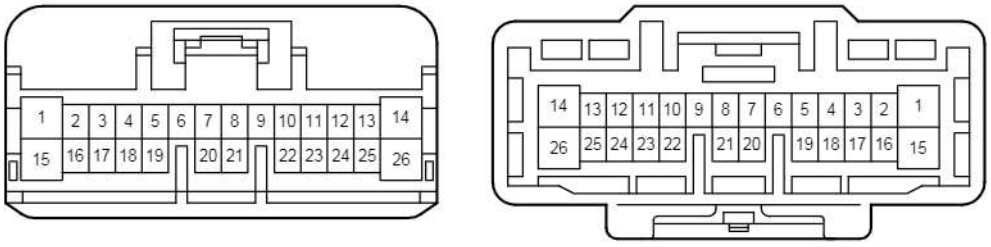
3E
White



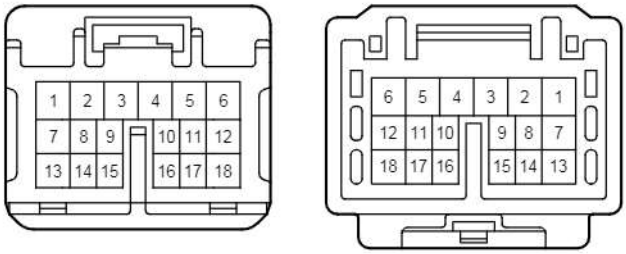
IA3
Blue



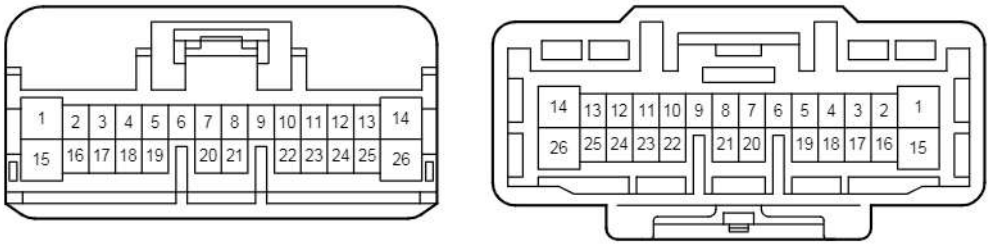
IO2
White



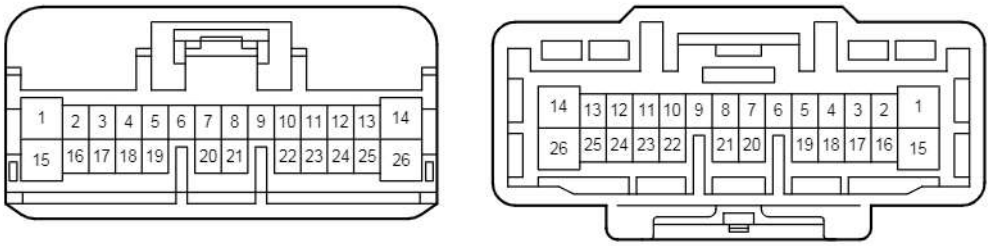
IS1
White



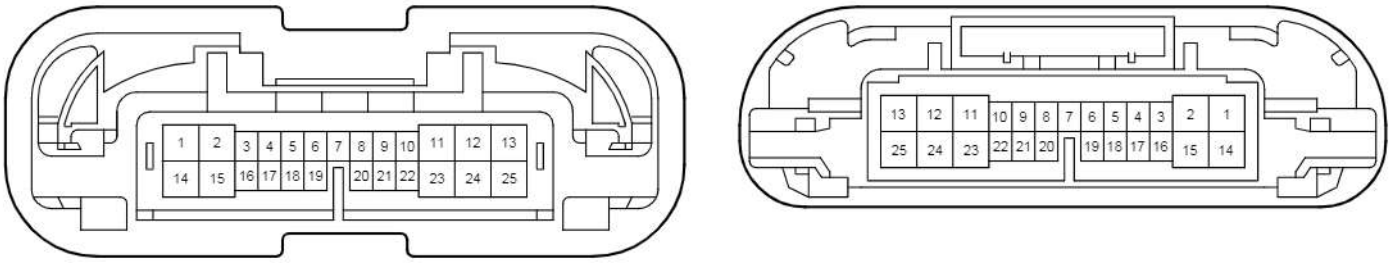
JI2
Blue

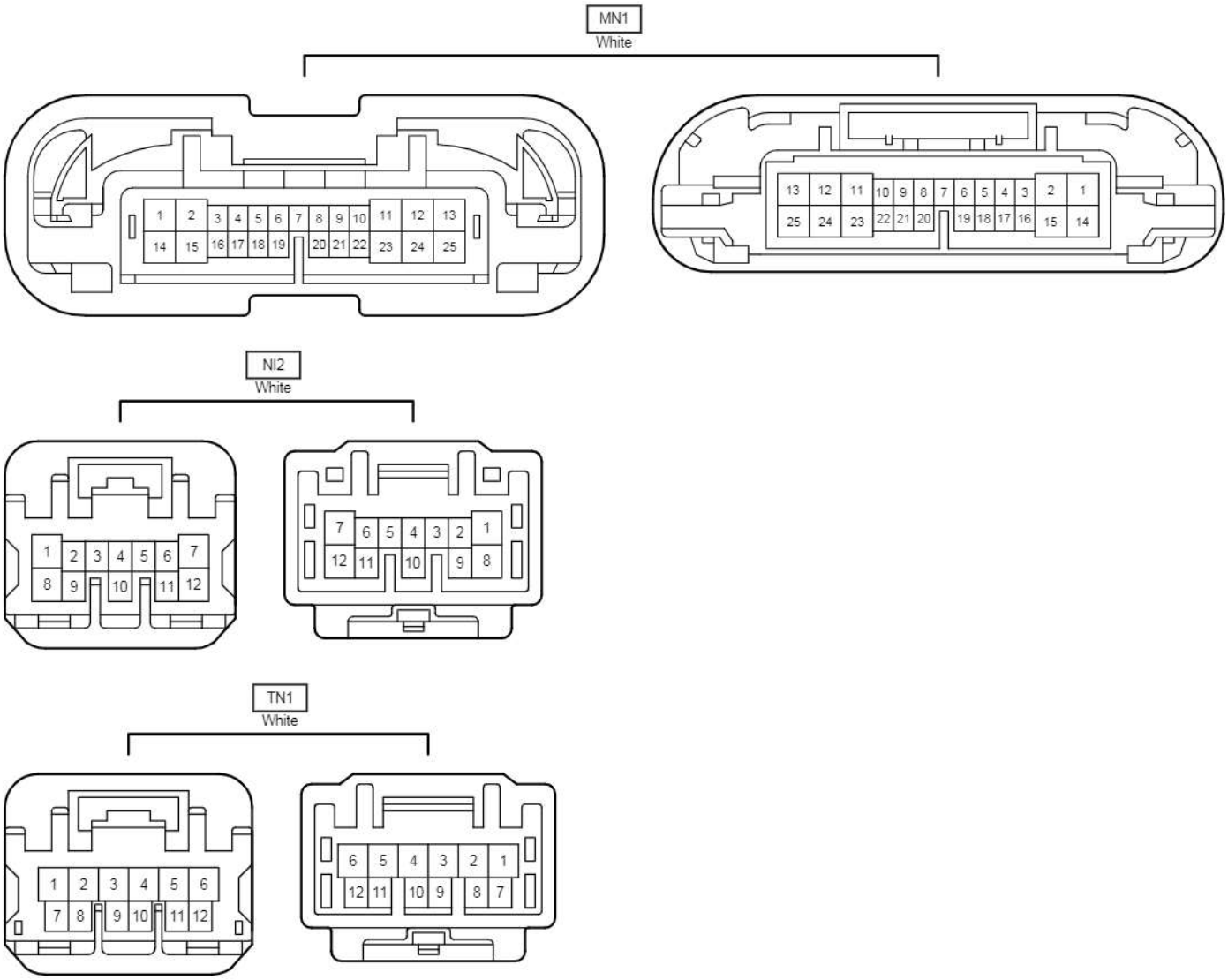


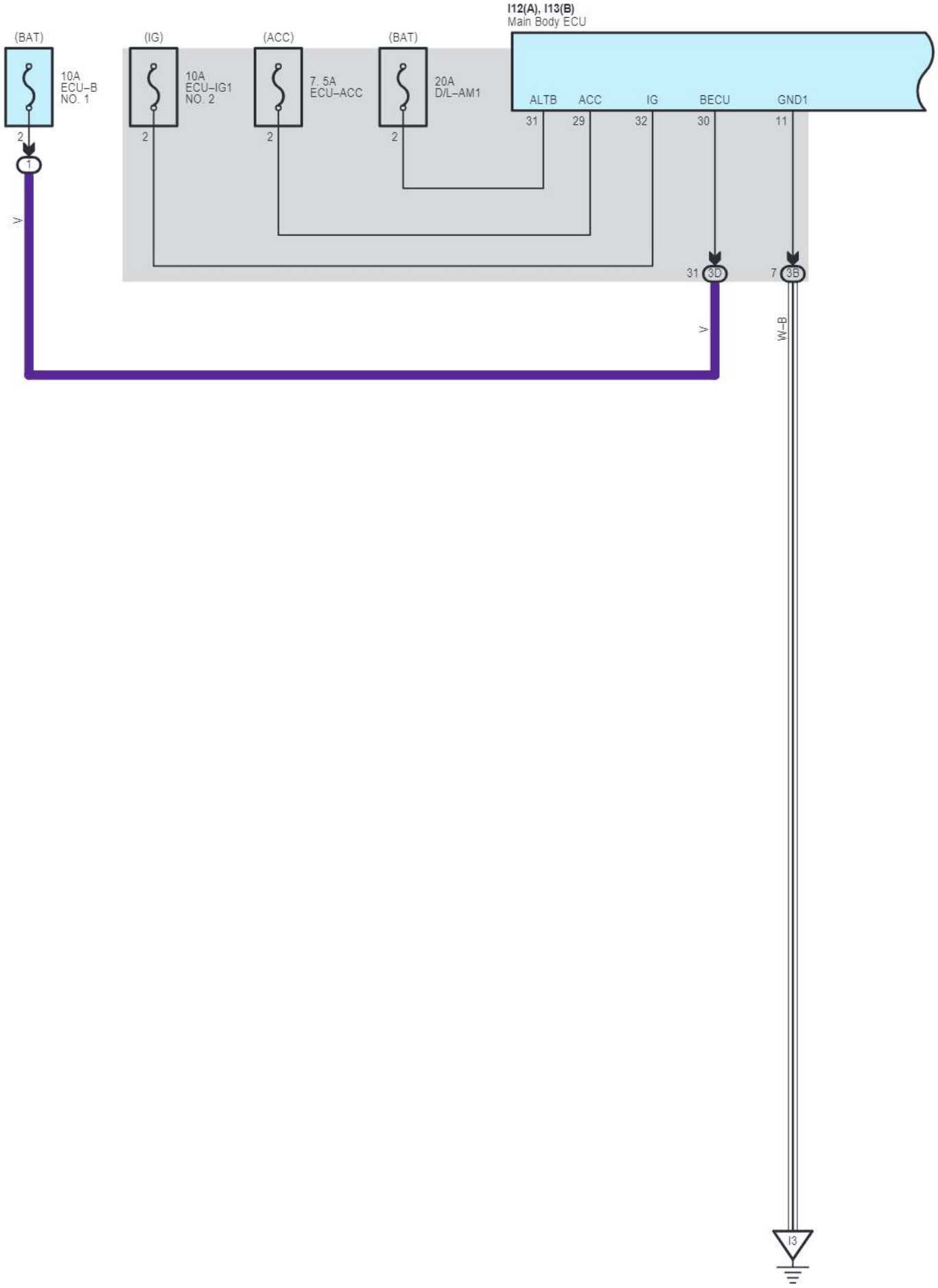
KI2
White

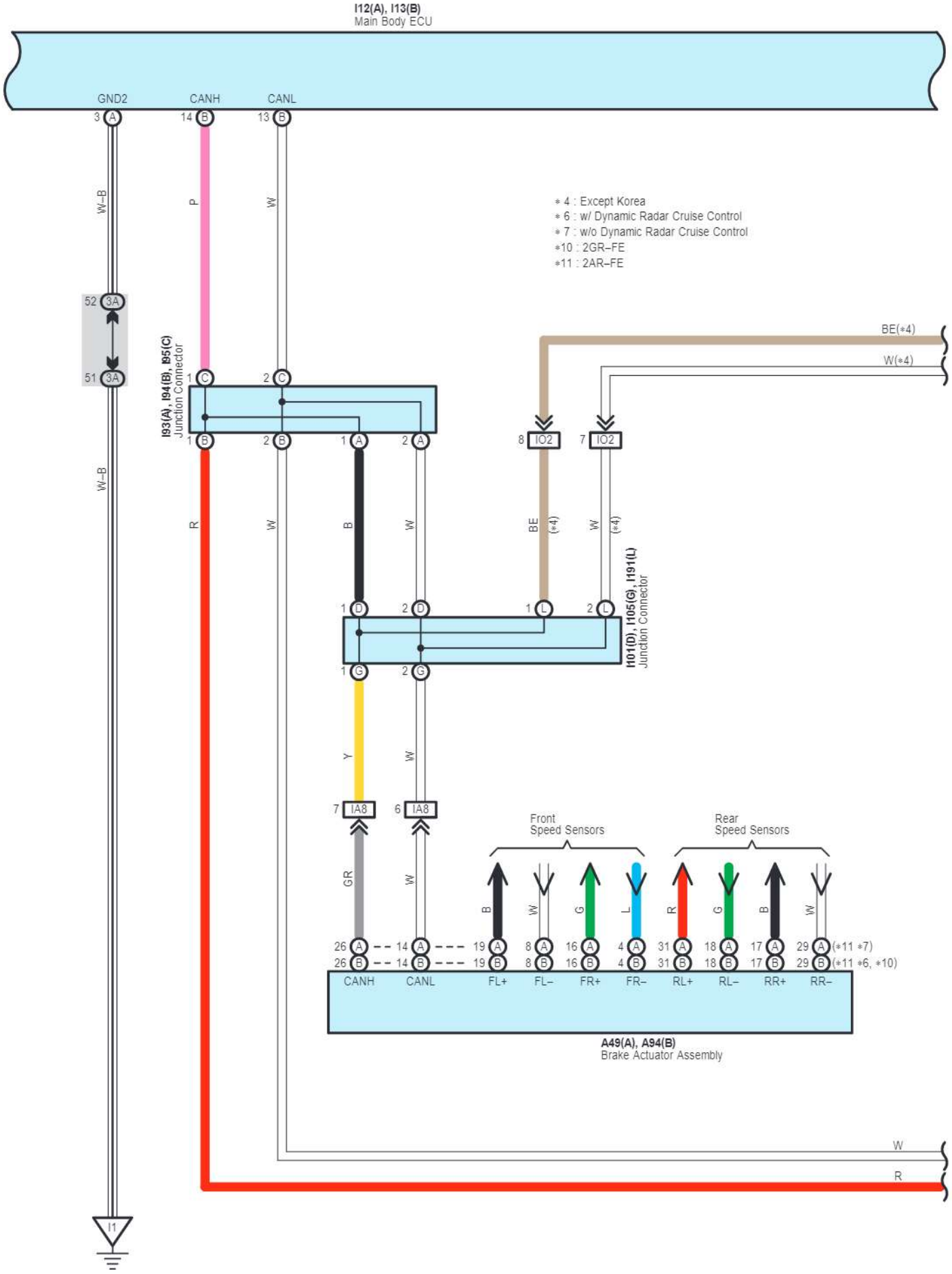


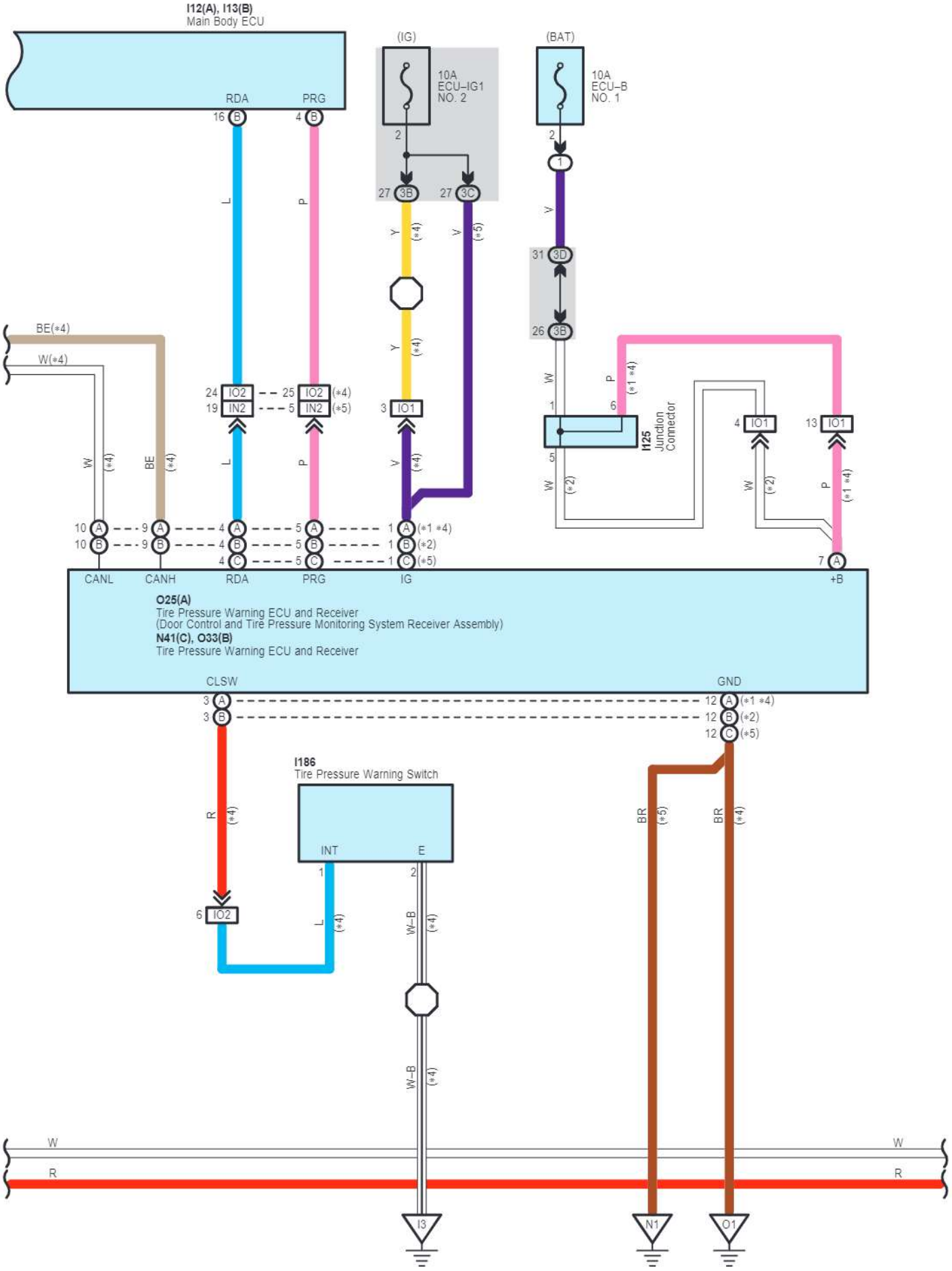
LO1
White

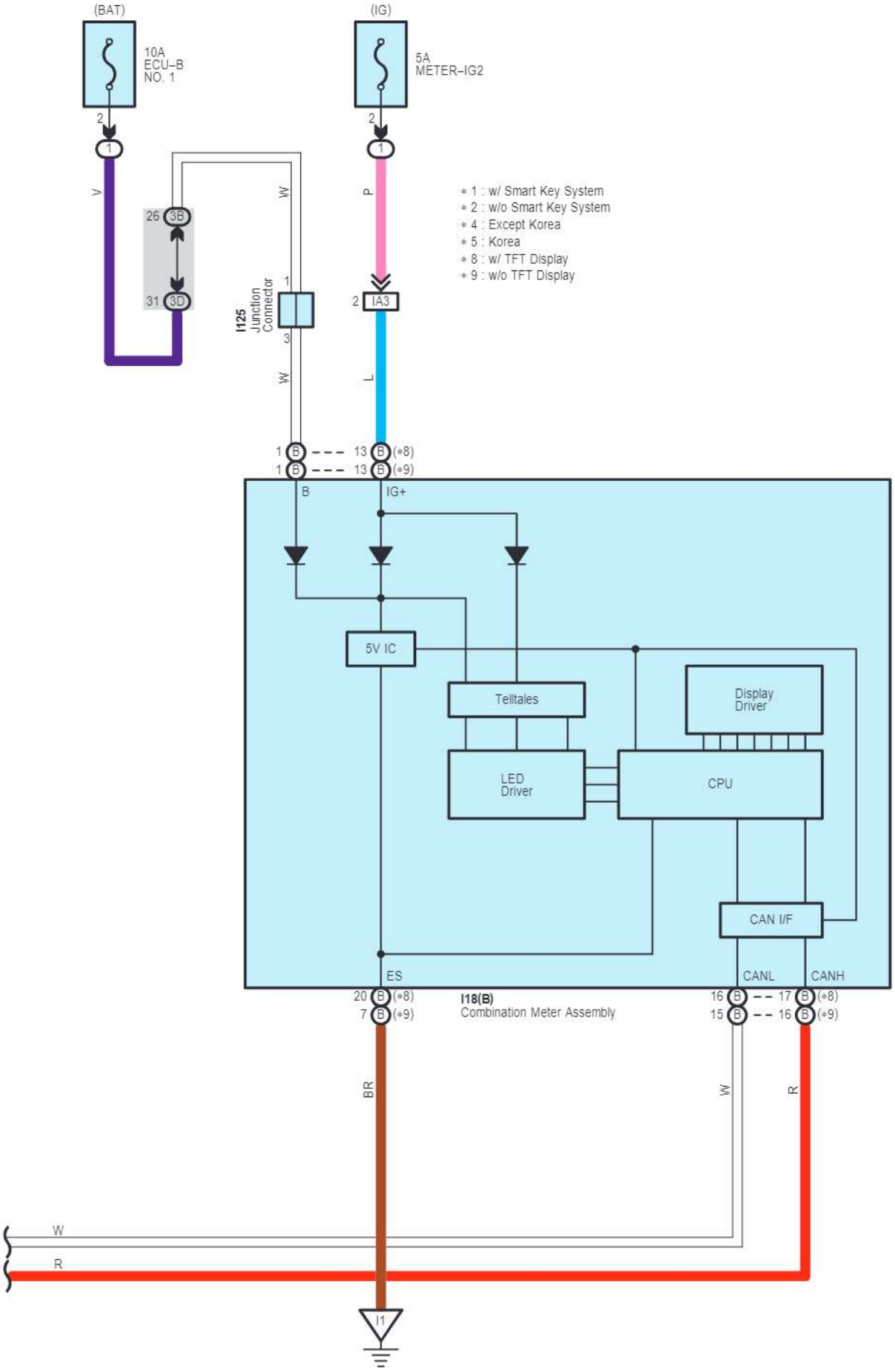



MN1
White
1 2 3 4 5 6 7 8 9 10 11 12 13
14 15 16 17 18 19 20 21 22 23 24 25
13 12 11 10 9 8 7 6 5 4 3 2 1
25 24 23 22 21 20 19 18 17 16 15 14
NI2
White
1 2 3 4 5 6 7
8 9 10 11 12
7 6 5 4 3 2 1
12 11 10 9 8
TN1
White
1 2 3 4 5 6
7 8 9 10 11 12
6 5 4 3 2 1
12 11 10 9 8 7

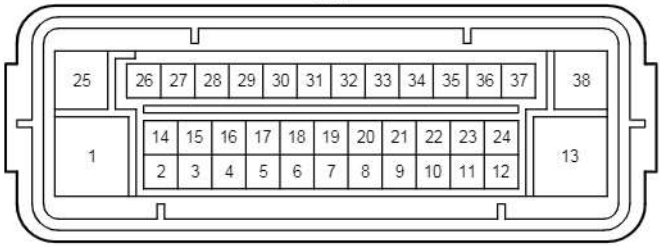

I12(A), I13(B)
Main Body ECU
(BAT)
(IG)
(ACC)
(BAT)
10A
ECU–B
NO. 1
10A
ECU–IG1
NO. 2
7. 5A
ECU–ACC
20A
D/L–AM1
ALTB
ACC
IG
BECU
GND1
31
29
32
30
11
2
2
2
2
1
V
31 3D
7 3B
V
W–B
I3


I12(A), I13(B)
Main Body ECU
GND2
CANH
CANL
3 A
14 B
13 B
W-B
P
W
* 4 : Except Korea
* 6 : w/ Dynamic Radar Cruise Control
* 7 : w/o Dynamic Radar Cruise Control
*10 : 2GR-FE
*11 : 2AR-FE
52 3A
51 3A
BE(*4)
W(*4)
I93(A), I94(B), B55(C)
Junction Connector
1 C
2 C
1 B
2 B
1 A
2 A
8 IO2
7 IO2
R
W
B
W
BE
(*4)
W
(*4)
I101(D), I105(G), I191(L)
Junction Connector
1 D
2 D
1 L
2 L
1 G
2 G
Y
W
7 IA8
6 IA8
Front
Speed Sensors
Rear
Speed Sensors
GR
W
B
W
G
L
R
G
B
W
26 A
26 B
14 A
14 B
19 A
19 B
8 A
8 B
16 A
16 B
4 A
4 B
31 A
31 B
18 A
18 B
17 A
17 B
29 A
29 B
(*11 *7)
(*11 *6, *10)
CANH
CANL
FL+
FL-
FR+
FR-
RL+
RL-
RR+
RR-
A49(A), A94(B)
Brake Actuator Assembly
W
R
I1

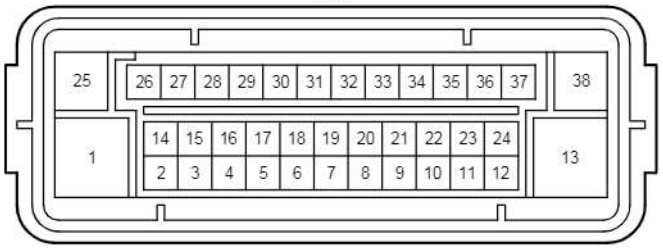

I12(A), I13(B)
Main Body ECU
RDA
PRG
16 B
4 B
(IG)
10A
ECU-IG1
NO. 2
2
27 3B
27 3C
(BAT)
10A
ECU-B
NO. 1
2
1
31 3D
26 3B
L
P
Y
V
(*4)
(*5)
BE(*4)
W(*4)
24 IO2
19 IN2
25 IO2 (*4)
5 IN2 (*5)
3 IO1
W
BE
(*4)
W
1
6
(*1 *4)
I125
Junction
Connector
5
(*2)
4 IO1
13 IO1
10 A
10 B
9 A
9 B
4 A
4 B
4 C
5 A
5 B
5 C
1 A (*1 *4)
1 B (*2)
1 C (*5)
7 A
CANL
CANH
RDA
PRG
IG
+B
O25(A)
Tire Pressure Warning ECU and Receiver
(Door Control and Tire Pressure Monitoring System Receiver Assembly)
N41(C), O33(B)
Tire Pressure Warning ECU and Receiver
CLSW
GND
3 A
3 B
12 A (*1 *4)
12 B (*2)
12 C (*5)
I186
Tire Pressure Warning Switch
INT
E
1
2
R
(*4)
6 IO2
L
(*4)
W-B
(*4)
BR
(*5)
BR
(*4)
W
R
W
R
I3
N1
O1


(BAT)
10A
ECU-B
NO. 1
(IG)
5A
METER-IG2
* 1 : w/ Smart Key System
* 2 : w/o Smart Key System
* 4 : Except Korea
* 5 : Korea
* 8 : w/ TFT Display
* 9 : w/o TFT Display
I125
Junction
Connector
1B
13B (*8)
13B (*9)
B
IG+
5V IC
Telltales
Display
Driver
LED
Driver
CPU
CAN I/F
ES
CANL
CANH
20B (*8)
7B (*9)
I18(B)
Combination Meter Assembly
16B 17B (*8)
15B 16B (*9)
BR
W
R
I1

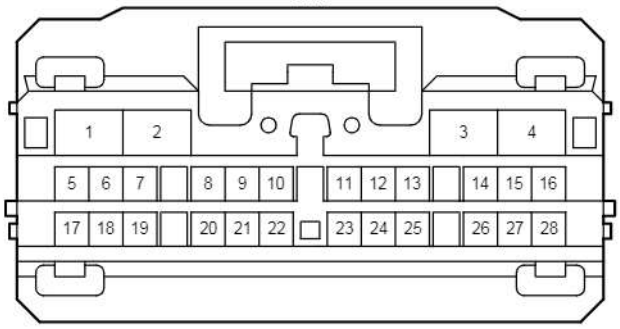
A 49
Black



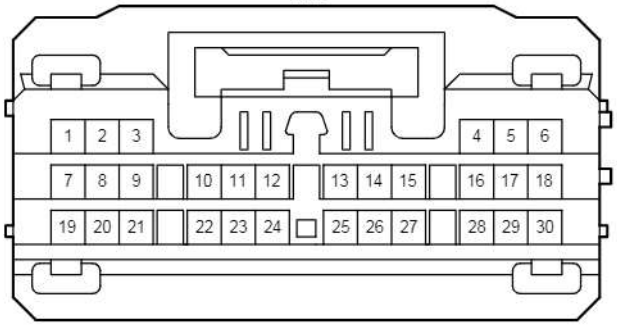
A 94
Black



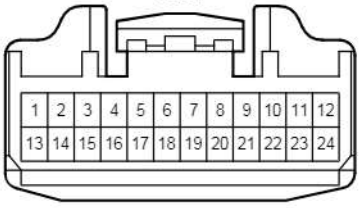
I 12
White



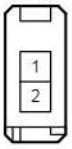
I 13
White



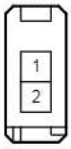
I 18
Black



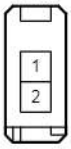
I 93
White



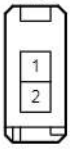
I 94
White



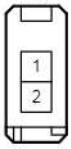
I 95
White



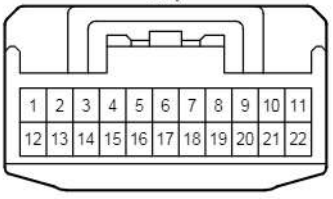
I101
White



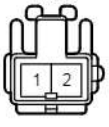
I105
White



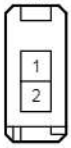
I125
Gray



I186
Black



I191
White



N 41
Black



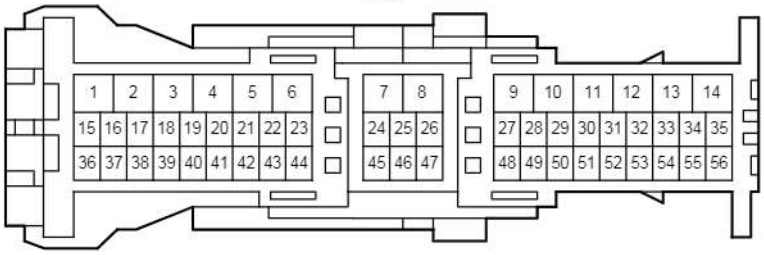
O 25
White



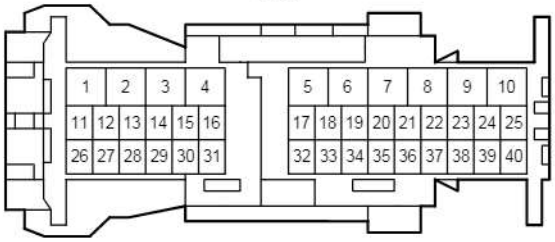
O 33
White



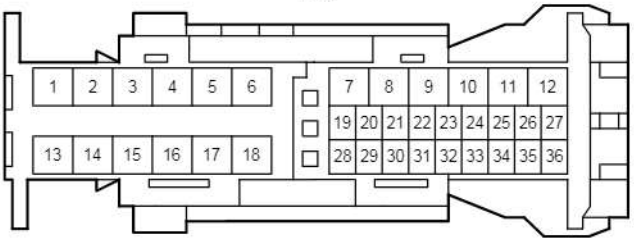
3A
White



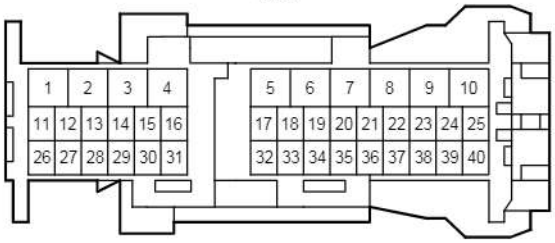
3B
White



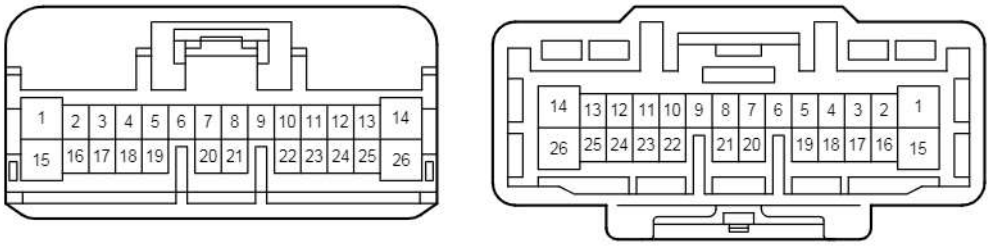
3C
White



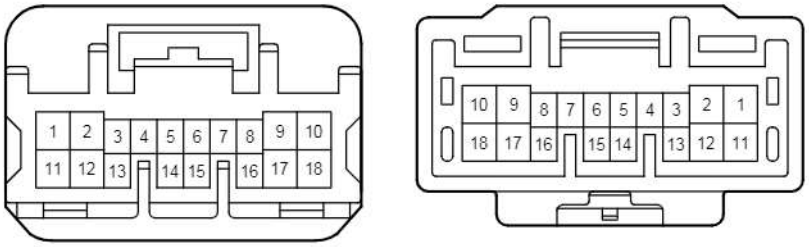
3D
White



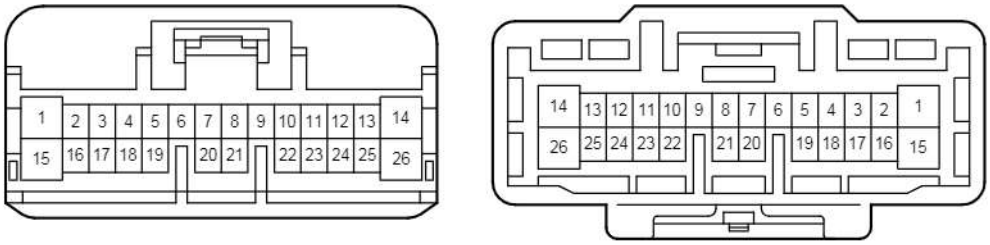
IA3
Blue



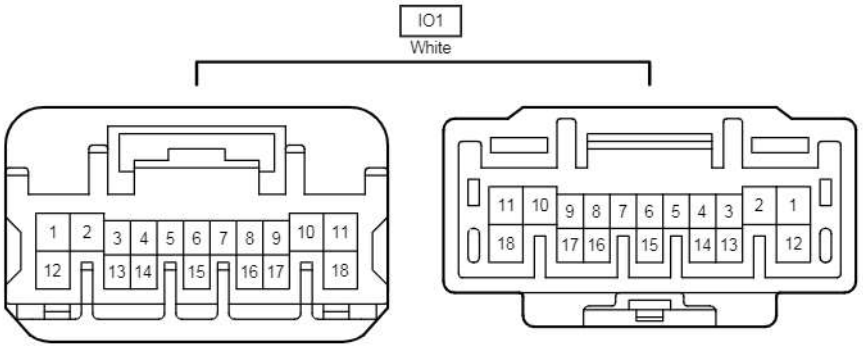
IA8
Gray



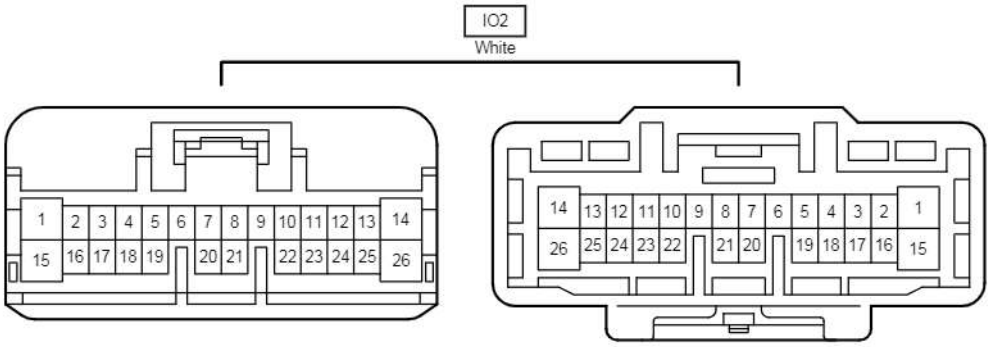
IN2
White

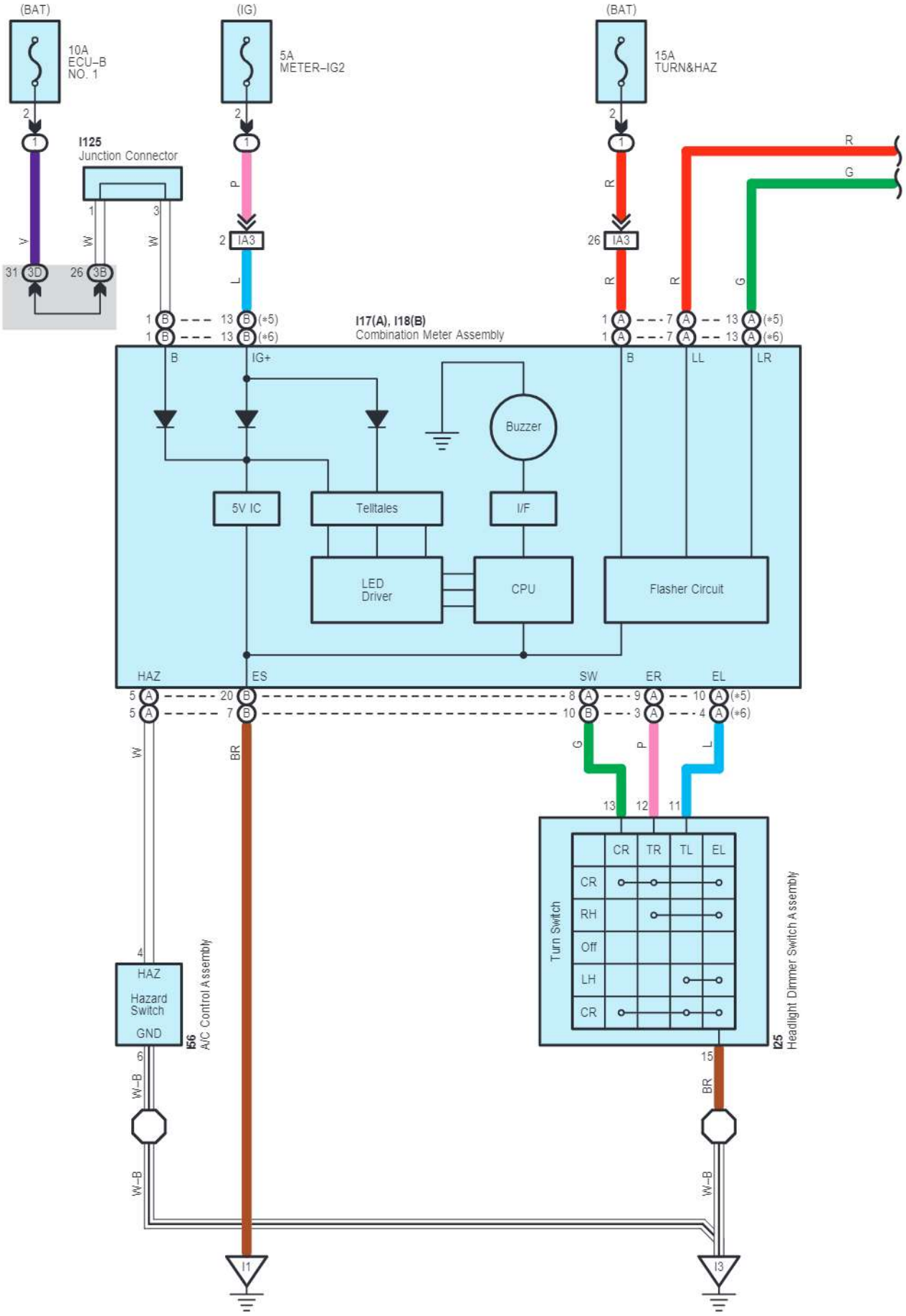


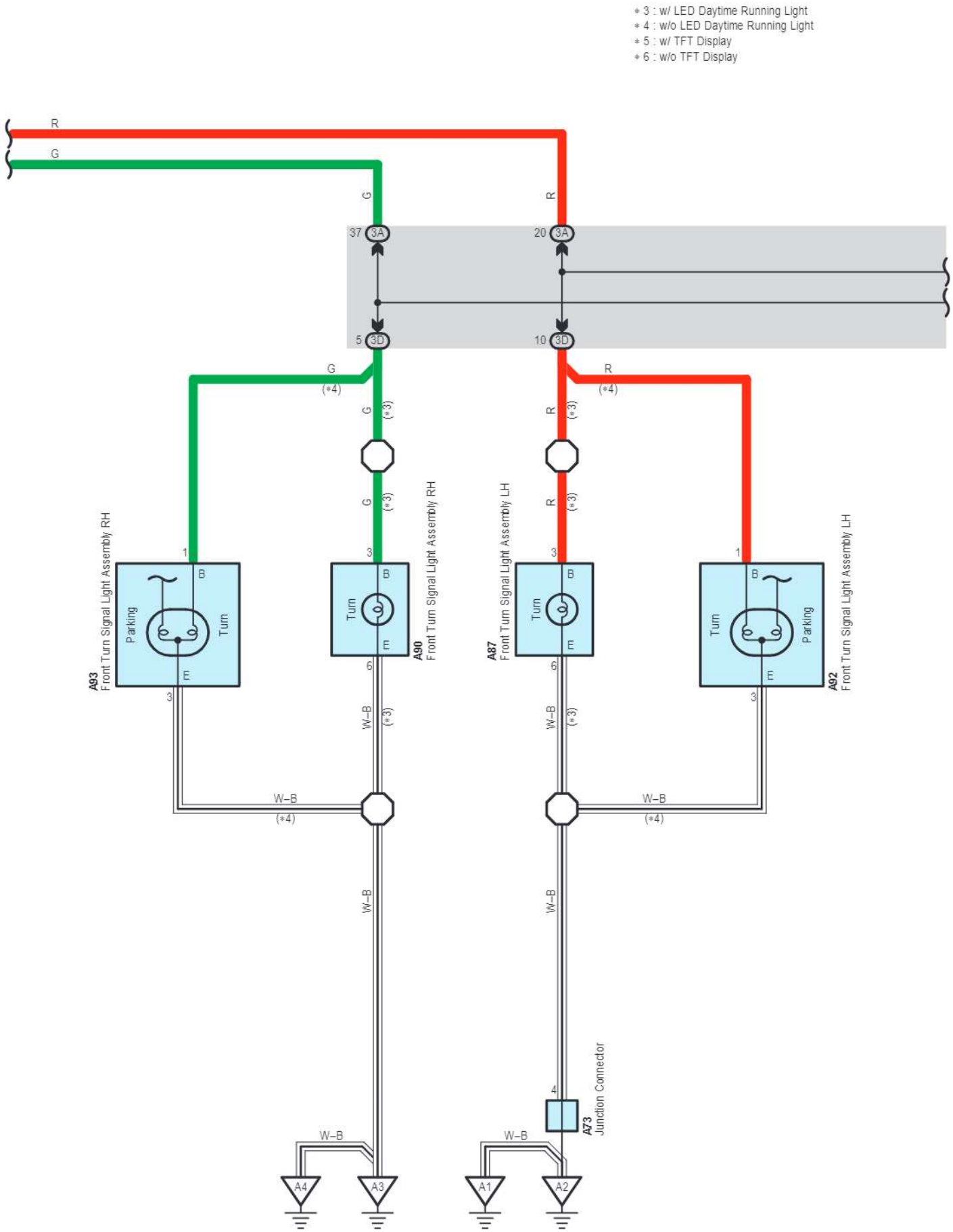
IO1
White



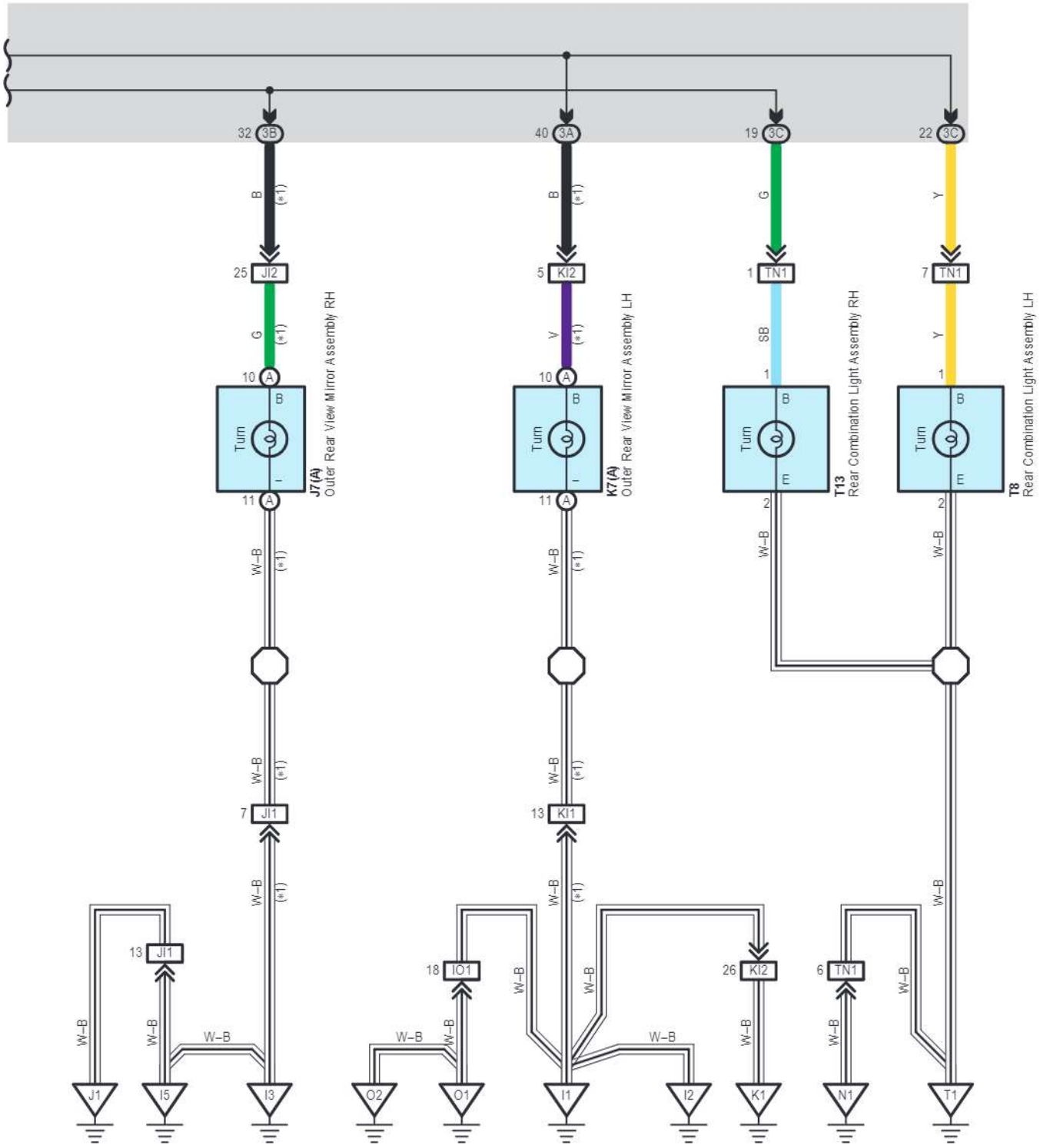
IO2
White




(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+
B
LL
LR
Buzzer
5V IC
Telltales
I/F
LED
Driver
CPU
Flasher Circuit
HAZ
ES
SW
ER
EL
HAZ
Hazard
Switch
GND
I56
A/C Control Assembly
Turn Switch
CR
TR
TL
EL
RH
Off
LH
I25
Headlight Dimmer Switch Assembly
I1
I3


* 3 : w/ LED Daytime Running Light
* 4 : w/o LED Daytime Running Light
* 5 : w/ TFT Display
* 6 : w/o TFT Display
R
G
G
R
37 3A
20 3A
5 3D
10 3D
G (*4)
R (*4)
G (*3)
R (*3)
A93 Front Turn Signal Light Assembly RH
A90 Front Turn Signal Light Assembly RH
A87 Front Turn Signal Light Assembly LH
A92 Front Turn Signal Light Assembly LH
Parking
Turn
B
E
W-B (*3)
W-B (*4)
W-B
A73 Junction Connector
A4
A3
A1
A2

* 1 : Korea


32 3B
40 3A
19 3C
22 3C
B (*1)
G (*1)
Y
25 JI2
5 KI2
1 TN1
7 TN1
V (*1)
SB
10 A
B
Turn
I
E
11 A
J7(A)
Outer Rear View Mirror Assembly RH
K7(A)
Outer Rear View Mirror Assembly LH
T13
Rear Combination Light Assembly RH
T8
Rear Combination Light Assembly LH
2
W-B (*1)
7 JI1
13 KI1
13 JI1
18 IO1
26 KI2
6 TN1
J1
I5
I3
O2
O1
I1
I2
K1
N1
T1

A 73
Gray



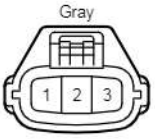
A 87
Black



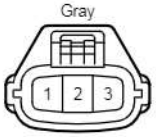
A 90
Black



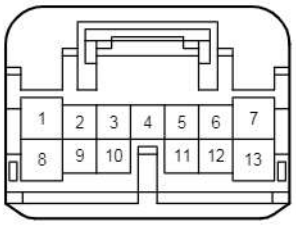
A 92
Gray



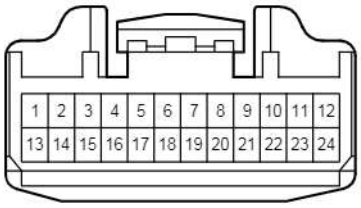
A 93
Gray



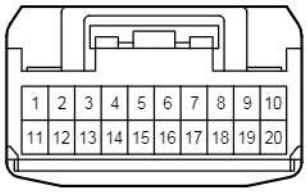
I 17
Black



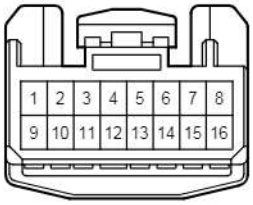
I 18
Black



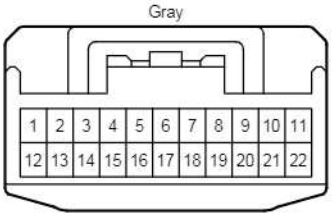
I 25
Black



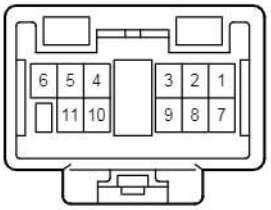
I 56
Black



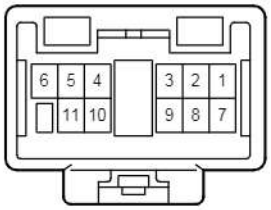
I125
Gray



J 7
White



K 7
White



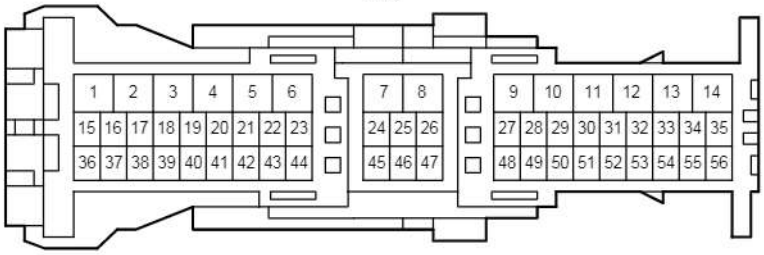
T 8
Gray



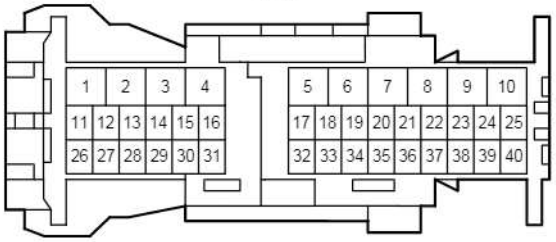
T 13
Gray



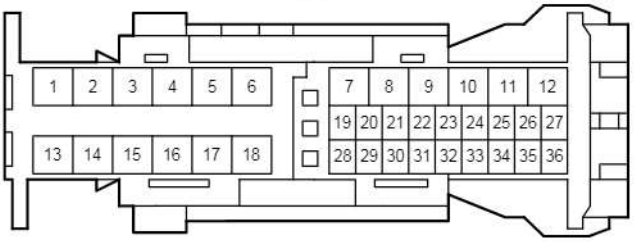
3A
White

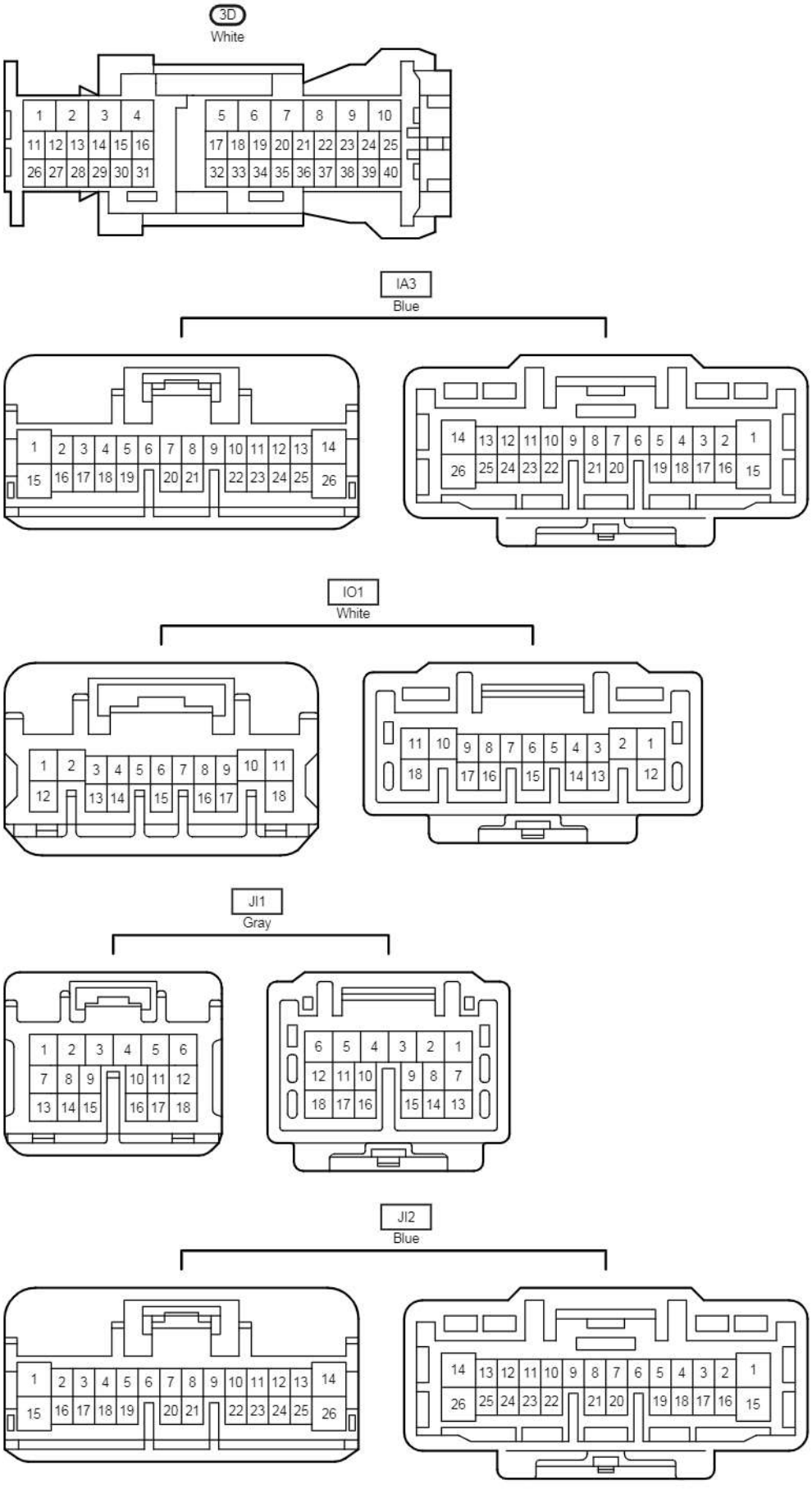


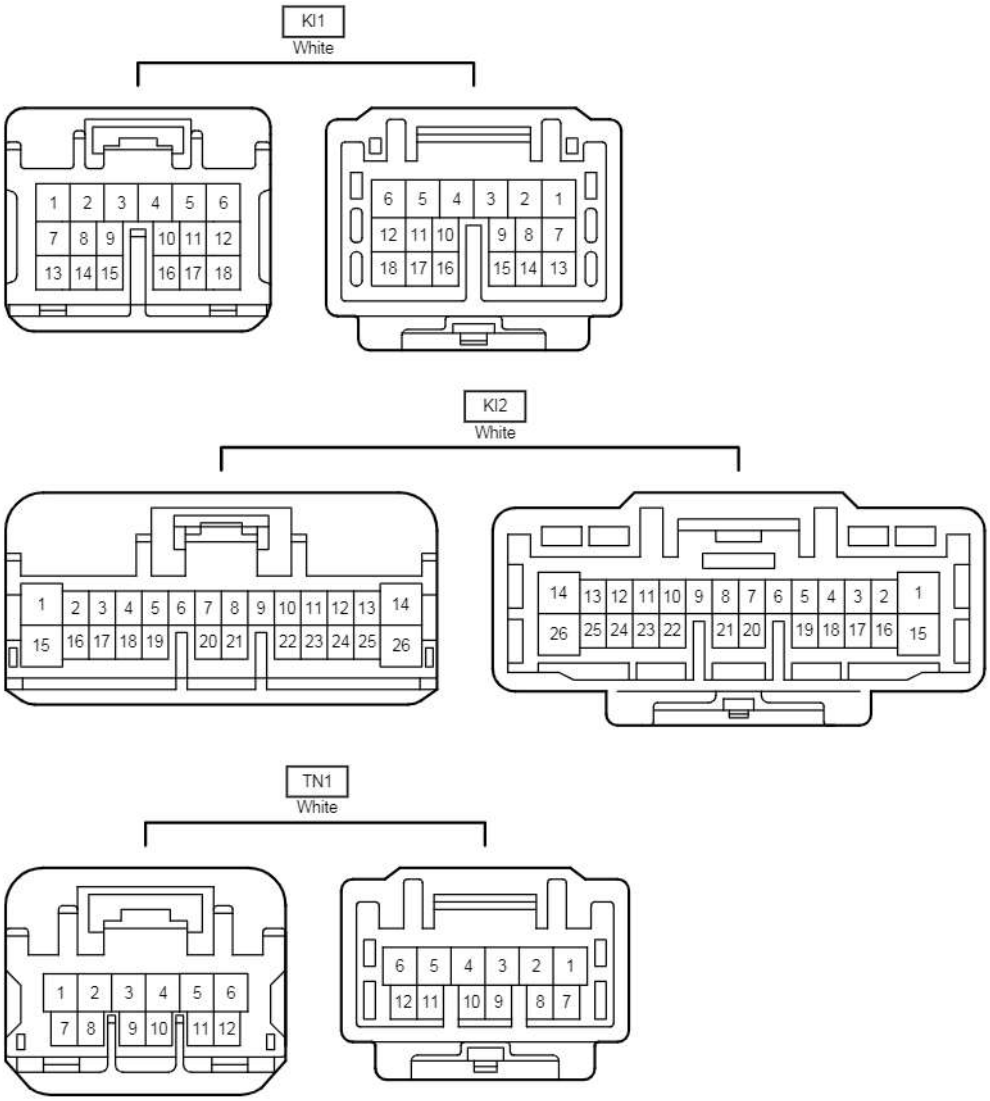
3B
White

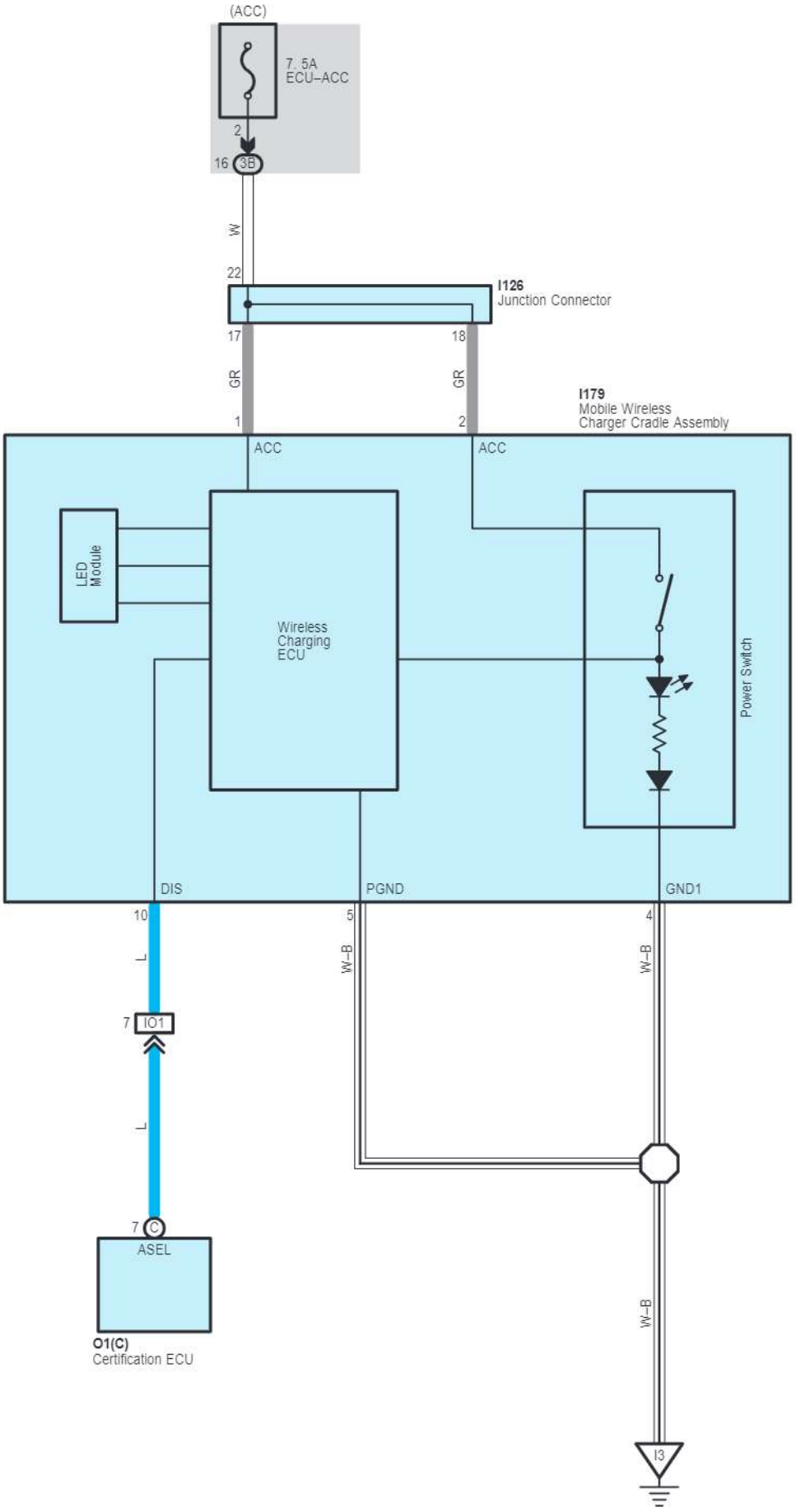


3C
White

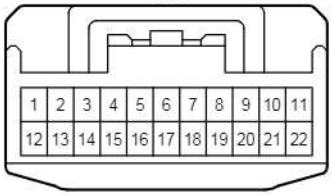



3D
White
1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18 19 20 21 22 23 24 25
26 27 28 29 30 31 32 33 34 35 36 37 38 39 40
IA3
Blue
1 2 3 4 5 6 7 8 9 10 11 12 13 14
15 16 17 18 19 20 21 22 23 24 25 26
14 13 12 11 10 9 8 7 6 5 4 3 2 1
26 25 24 23 22 21 20 19 18 17 16 15
IO1
White
1 2 3 4 5 6 7 8 9 10 11
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
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

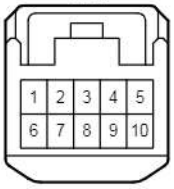

KI1
White
1 2 3 4 5 6
7 8 9 10 11 12
13 14 15 16 17 18
6 5 4 3 2 1
12 11 10 9 8 7
18 17 16 15 14 13
KI2
White
1 2 3 4 5 6 7 8 9 10 11 12 13 14
15 16 17 18 19 20 21 22 23 24 25 26
14 13 12 11 10 9 8 7 6 5 4 3 2 1
26 25 24 23 22 21 20 19 18 17 16 15
TN1
White
1 2 3 4 5 6
7 8 9 10 11 12
6 5 4 3 2 1
12 11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


(ACC)
7.5A
ECU-ACC
2
16
3B
W
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
W-B
W-B
L
7
IO1
L
7
C
ASEL
O1(C)
Certification ECU
W-B
I3

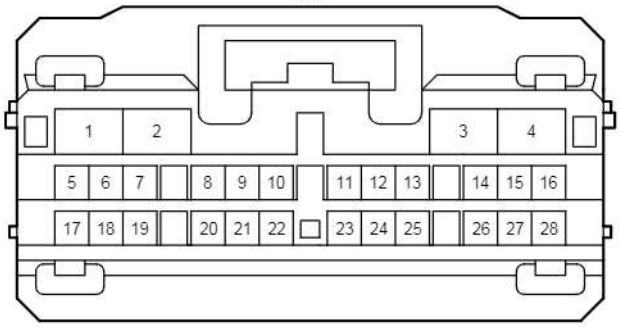
I126
White



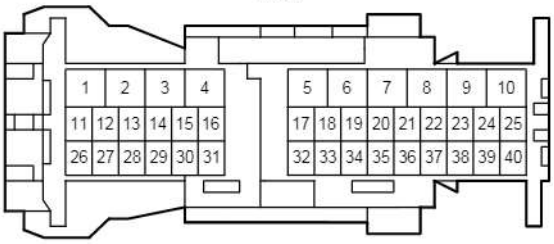
I179
White



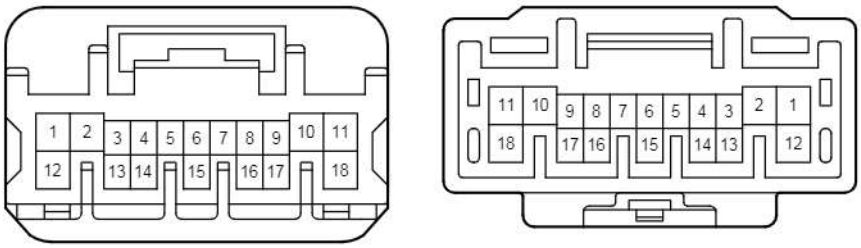
O 1
White

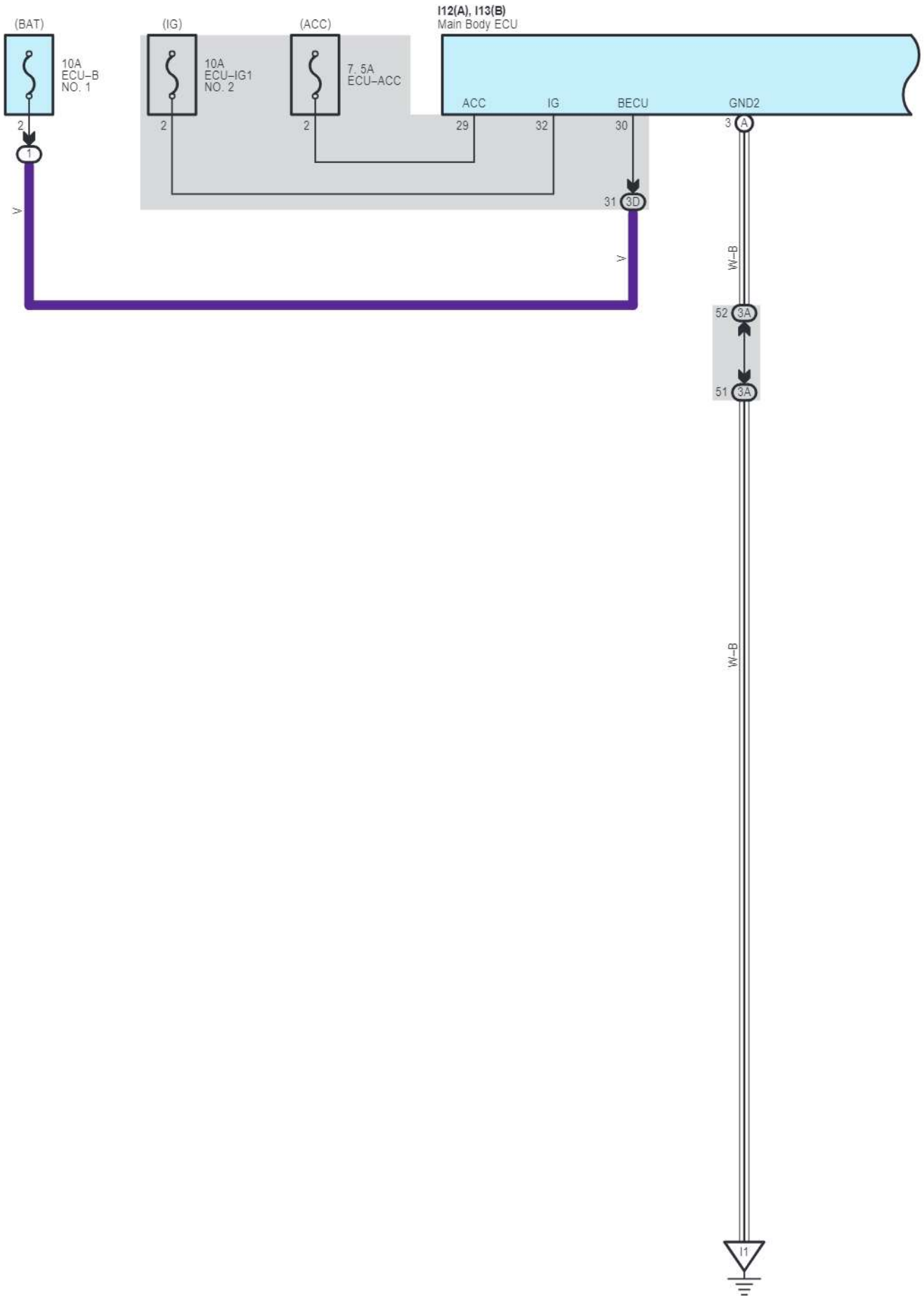


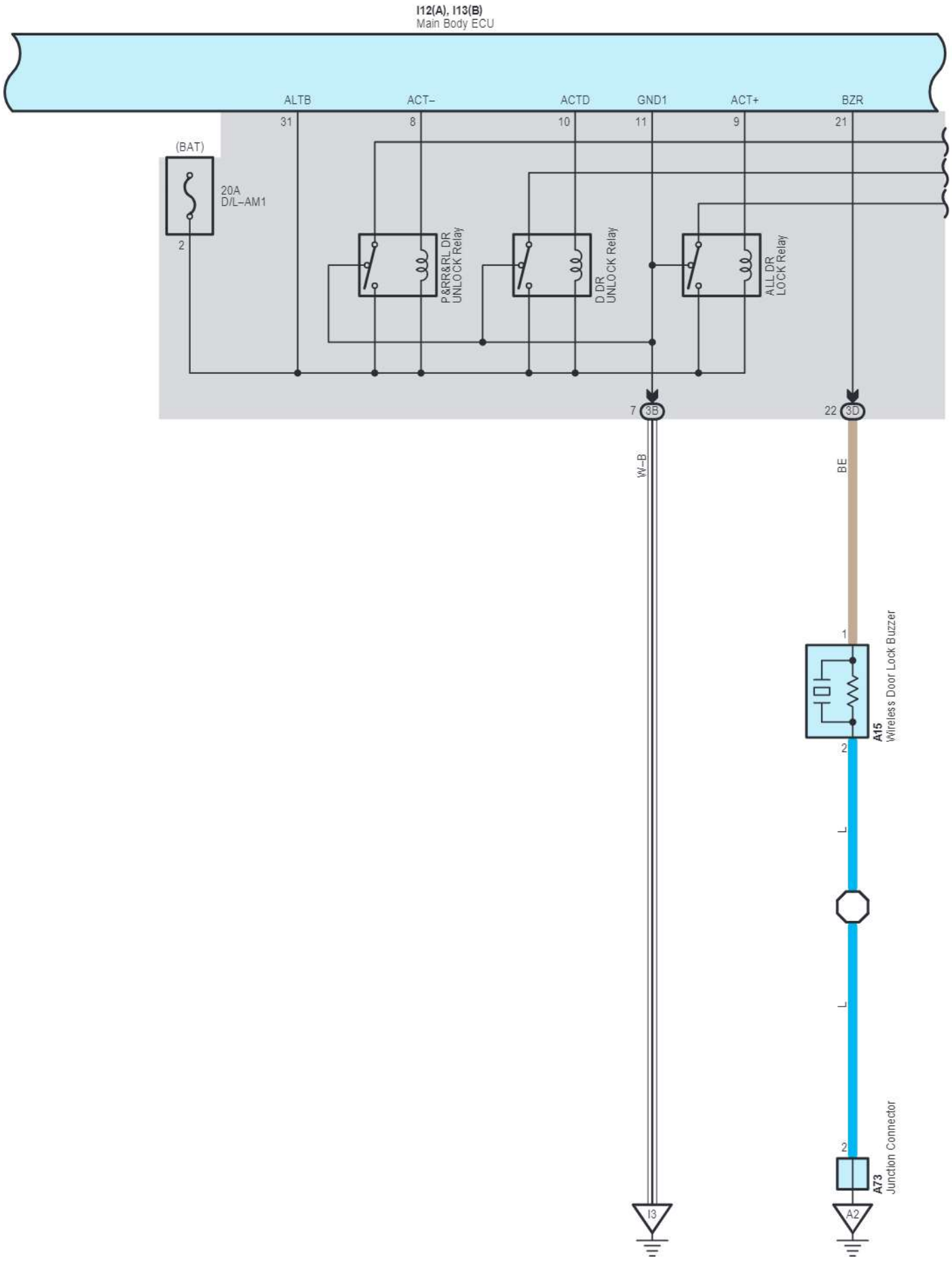
3B
White

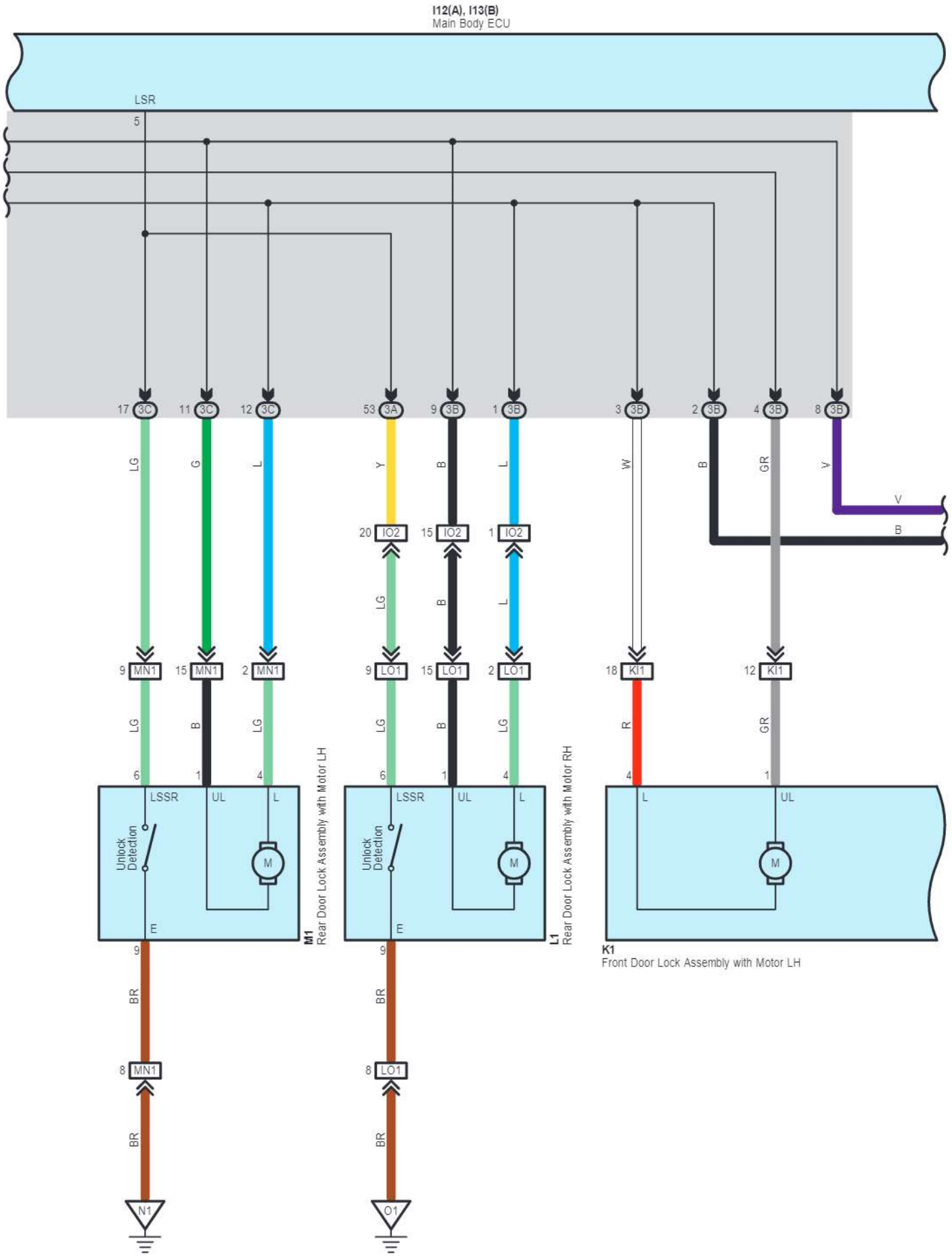


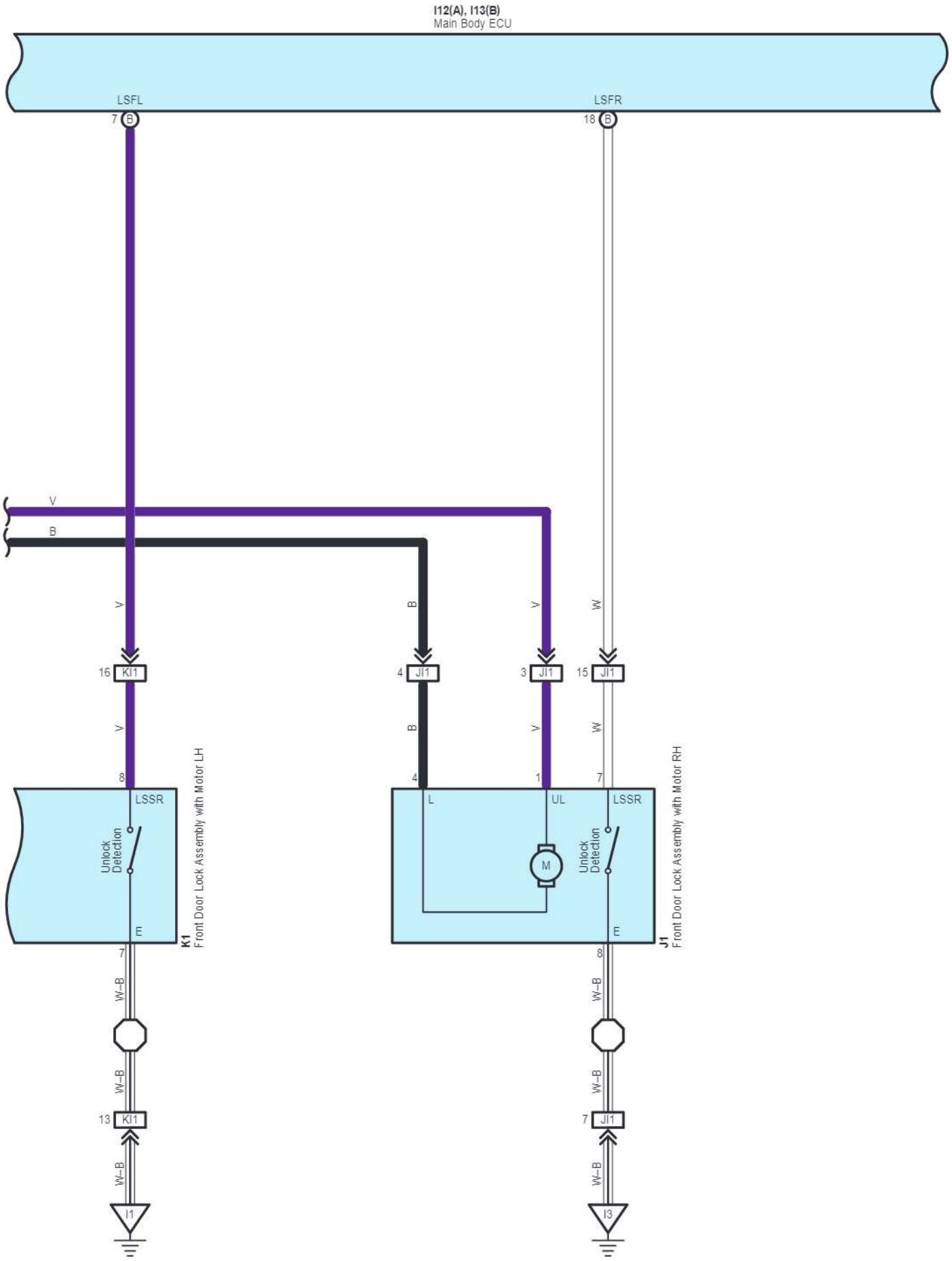
IO1
White

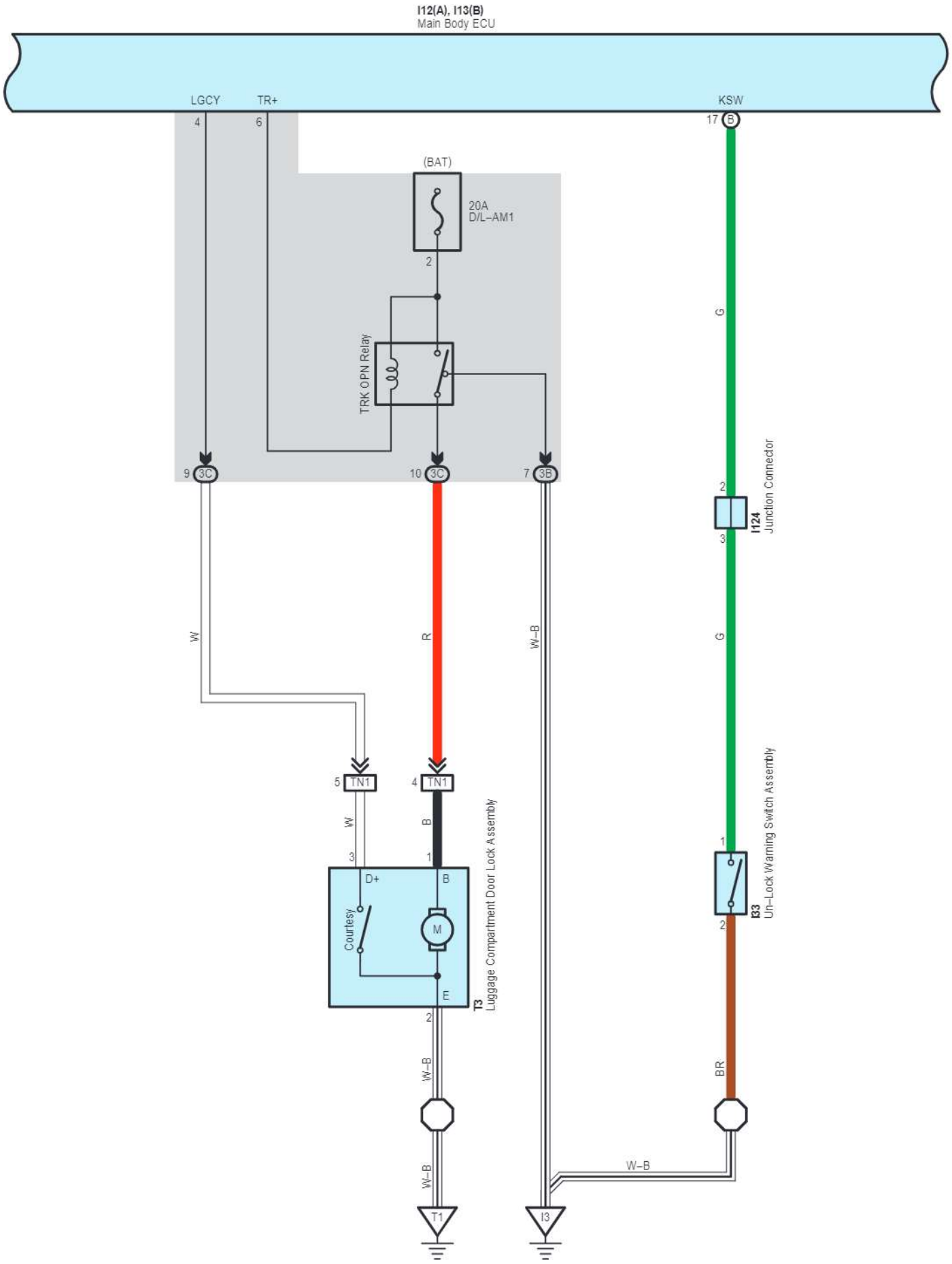


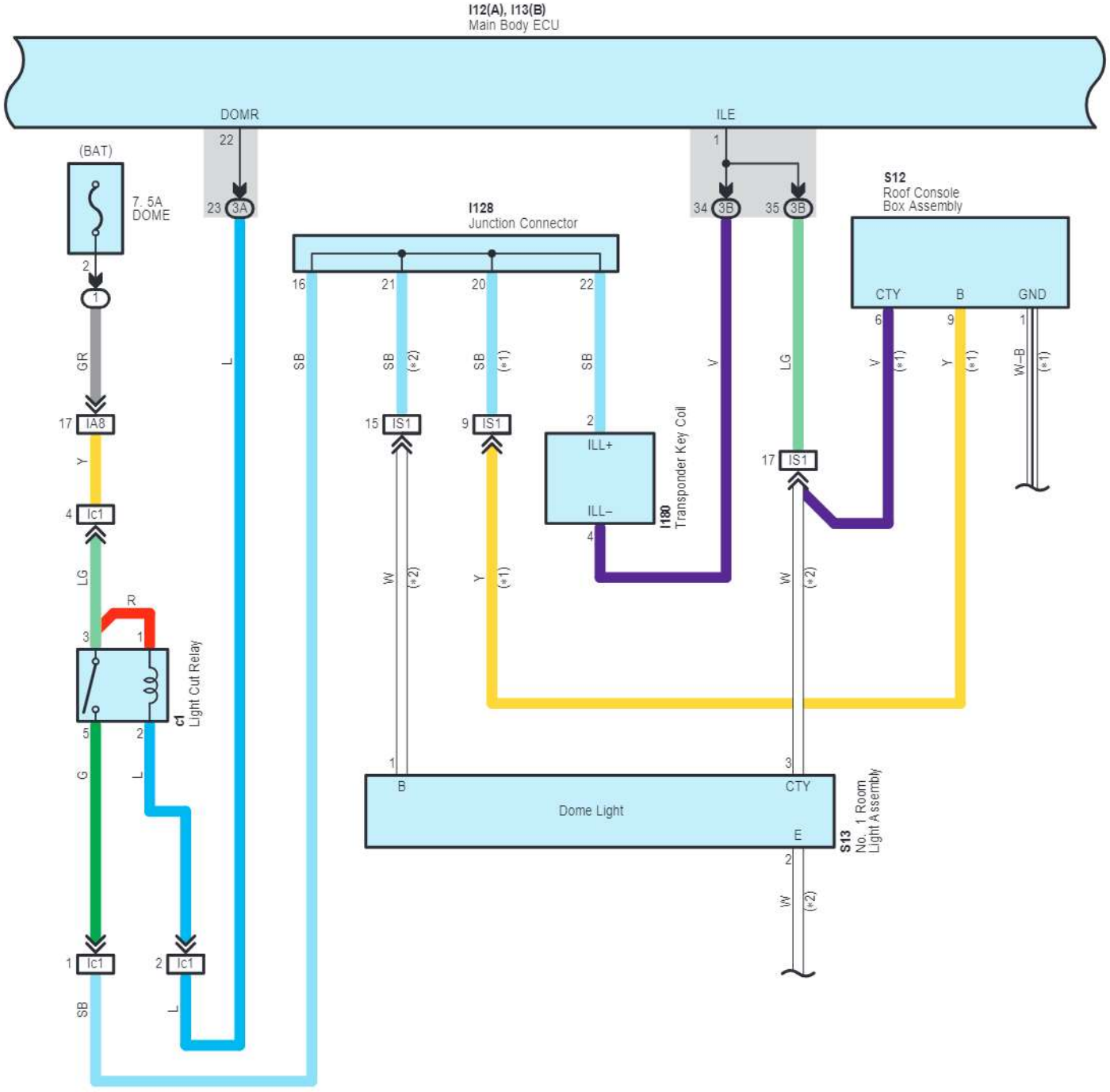

(BAT)
(IG)
(ACC)
I12(A), I13(B)
Main Body ECU
10A
ECU–B
NO. 1
10A
ECU–IG1
NO. 2
7. 5A
ECU–ACC
ACC
IG
BECU
GND2
2
2
2
29
32
30
3
A
1
31
3D
V
V
W–B
52
3A
51
3A
W–B
I1


I12(A), I13(B)
Main Body ECU
ALTB
ACT–
ACTD
GND1
ACT+
BZR
31
8
10
11
9
21
(BAT)
20A
D/L–AM1
2
P&RR&RL DR
UNLOCK Relay
D DR
UNLOCK Relay
ALL DR
LOCK Relay
7
3B
22
3D
W–B
BE
1
A15
Wireless Door Lock Buzzer
2
L
L
2
A73
Junction Connector
I3
A2

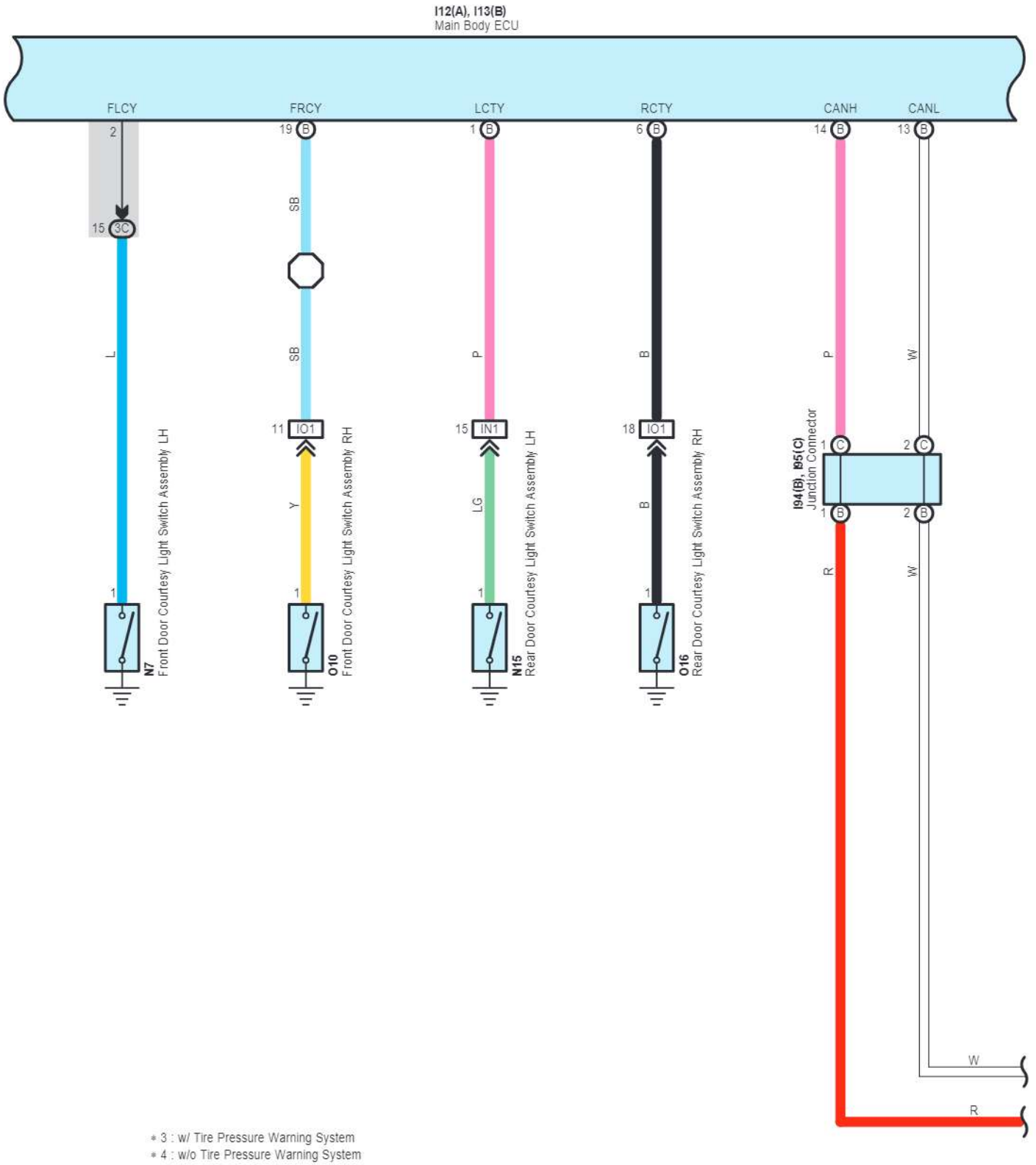

I12(A), I13(B)
Main Body ECU
LSR
5
17 3C
11 3C
12 3C
53 3A
9 3B
1 3B
3 3B
2 3B
4 3B
8 3B
LG
G
L
Y
B
L
W
B
GR
V
V
B
20 IO2
15 IO2
1 IO2
LG
B
L
9 MN1
15 MN1
2 MN1
9 LO1
15 LO1
2 LO1
18 KI1
12 KI1
LG
B
LG
LG
B
LG
R
GR
6
1
4
6
1
4
4
1
LSSR
UL
L
LSSR
UL
L
L
UL
Unlock Detection
M
E
Unlock Detection
M
E
M
9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


I12(A), I13(B)
Main Body ECU
LSFL
LSFR
7 B
18 B
V
B
V
B
V
W
16 KI1
4 JI1
3 JI1
15 JI1
V
B
V
W
8
4
1
7
LSSR
L
UL
LSSR
Unlock Detection
M
Unlock Detection
E
E
K1
Front Door Lock Assembly with Motor LH
J1
Front Door Lock Assembly with Motor RH
7
8
W-B
W-B
13 KI1
7 JI1
W-B
W-B
I1
I3

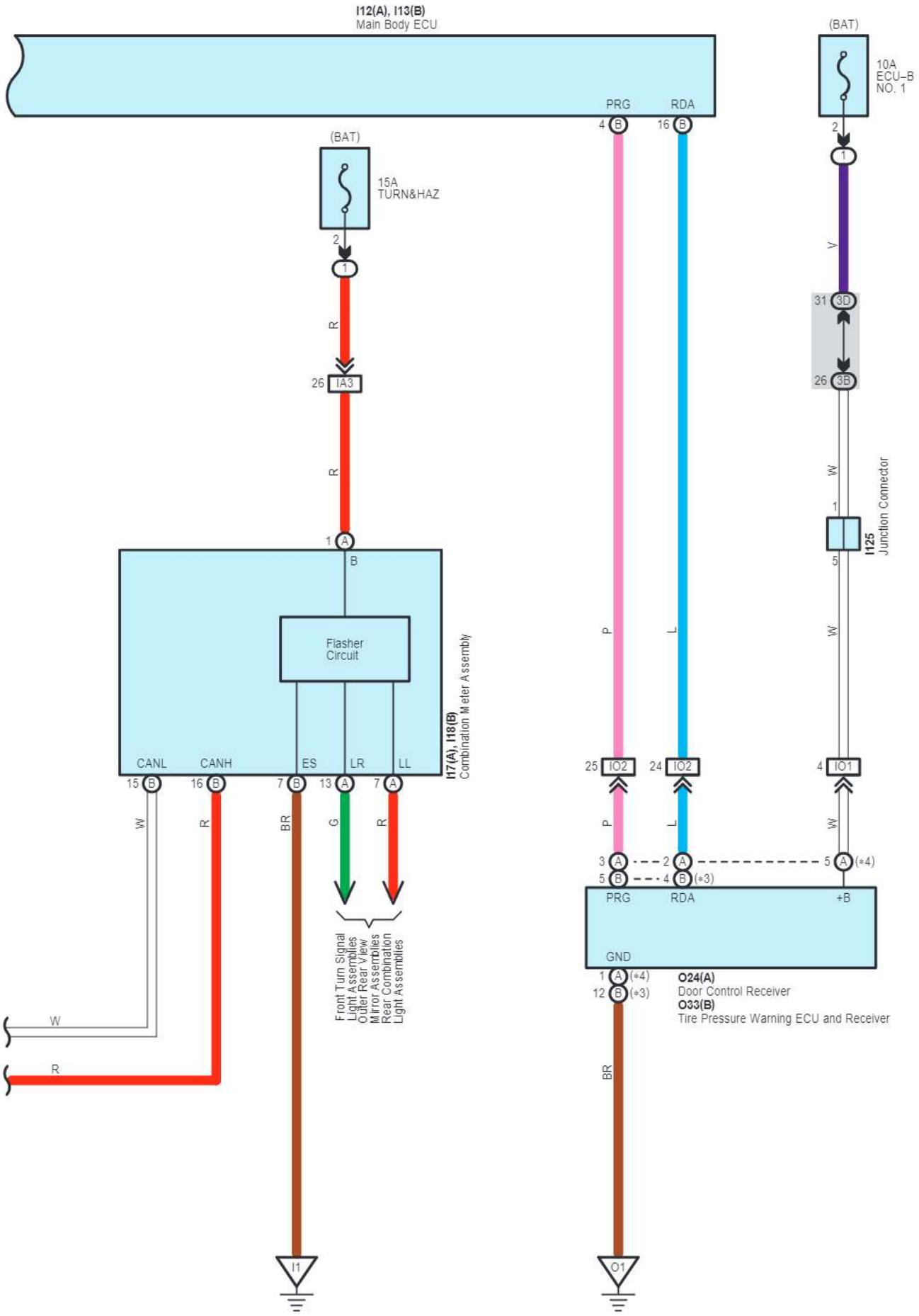

I12(A), I13(B)
Main Body ECU
LGCY
TR+
KSW
4
6
17 B
(BAT)
20A
D/L–AM1
2
TRK OPN Relay
G
9 3C
10 3C
7 3B
2
I124
Junction Connector
3
W
R
W–B
G
5 TN1
4 TN1
W
B
3
1
D+
B
Courtesy
M
E
T3
Luggage Compartment Door Lock Assembly
1
I33
Un–Lock Warning Switch Assembly
2
2
W–B
BR
W–B
W–B
T1
I3



* 1 : w/ Sliding Roof
* 2 : w/o Sliding Roof



* 3 : w/ Tire Pressure Warning System
* 4 : w/o Tire Pressure Warning System


I12(A), I13(B)
Main Body ECU
PRG
RDA
4 B
16 B
(BAT)
15A
TURN&HAZ
2
1
R
26 IA3
R
1 A
B
Flasher
Circuit
CANL
CANH
ES
LR
LL
15 B
16 B
7 B
13 A
7 A
I17(A), I18(B)
Combination Meter Assembly
W
R
BR
G
R
Front Turn Signal
Light Assemblies
Outer Rear View
Mirror Assemblies
Rear Combination
Light Assemblies
W
R
I1
(BAT)
10A
ECU-B
NO. 1
2
1
V
31 3D
26 3B
W
1
I125
Junction Connector
5
W
P
L
25 IO2
24 IO2
4 IO1
P
L
W
3 A
2 A
5 A (*4)
5 B
4 B (*3)
PRG
RDA
+B
GND
1 A (*4)
12 B (*3)
O24(A)
Door Control Receiver
O33(B)
Tire Pressure Warning ECU and Receiver
BR
O1

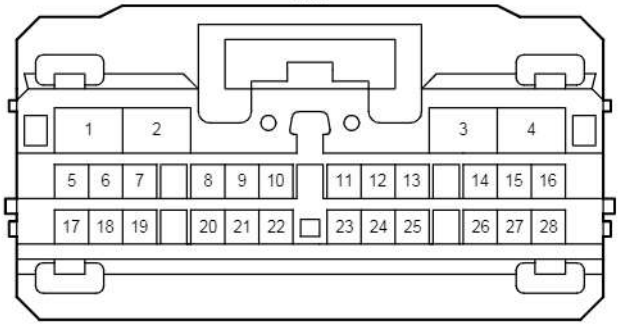
A 15
Gray



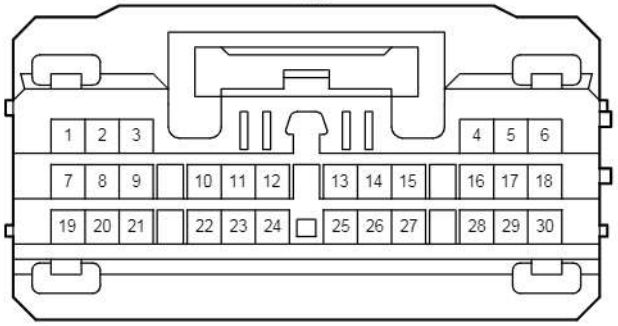
A 73
Gray



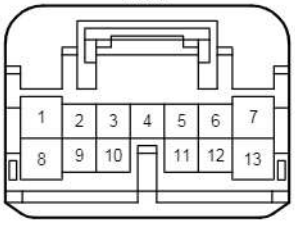
I 12
White



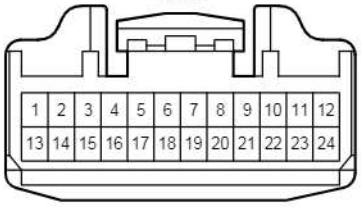
I 13
White



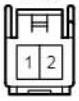
I 17
Black



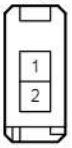
I 18
Black



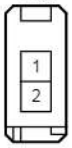
I 33
White



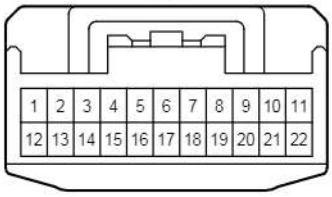
I 94
White



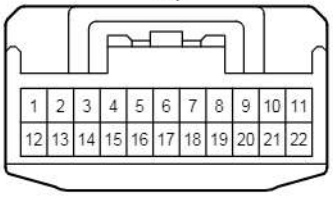
I 95
White



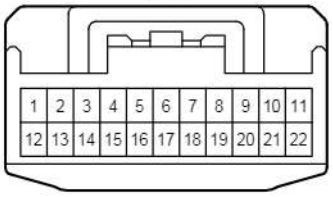
I124
White



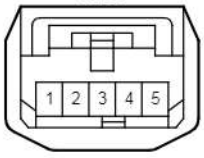
I125
Gray



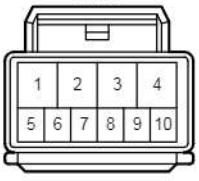
I128
White



I180
Black



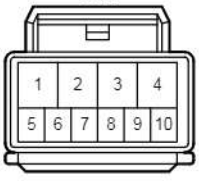
J 1
White



K 1
White



L 1
White



M 1
White



N 7
Black



N 15
Black



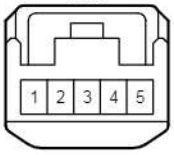
O 10
Black



O 16
Black



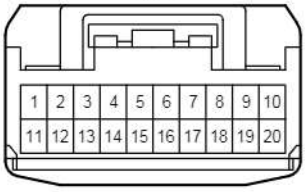
O 24
White



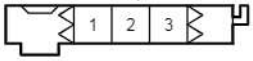
O 33
White



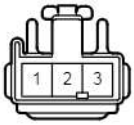
S 12
Black



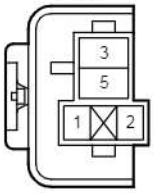
S 13
Gray



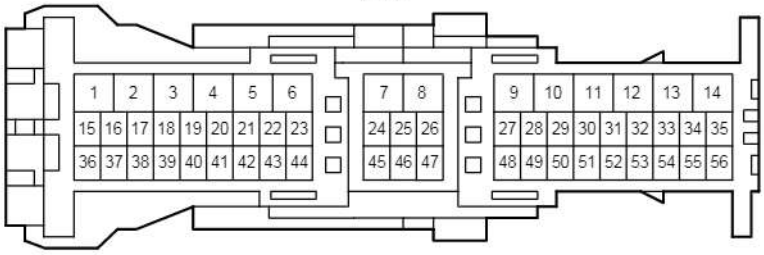
T 3
Black



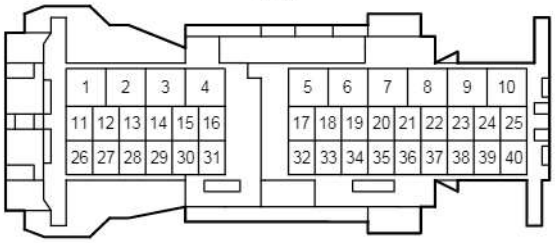
c 1
White



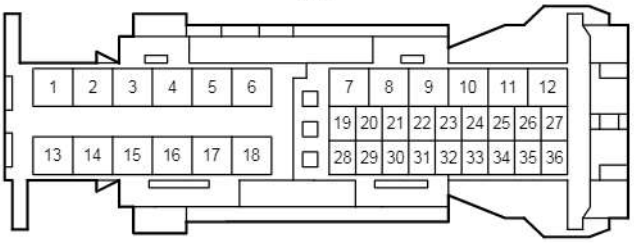
3A
White



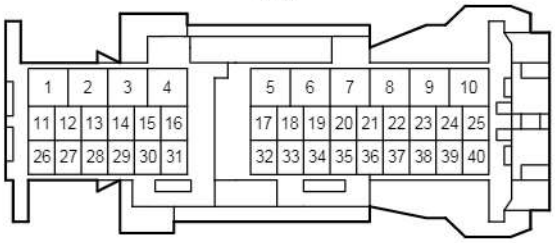
3B
White



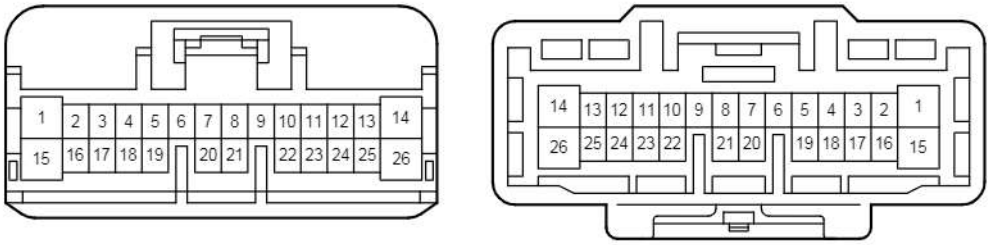
3C
White



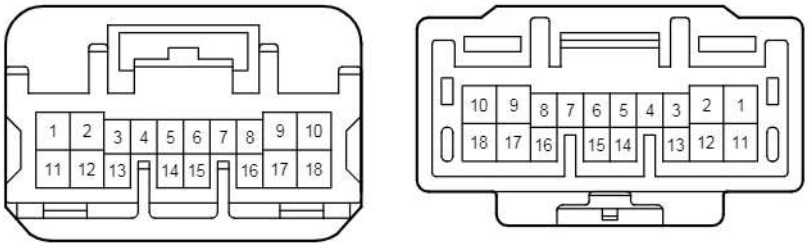
3D
White



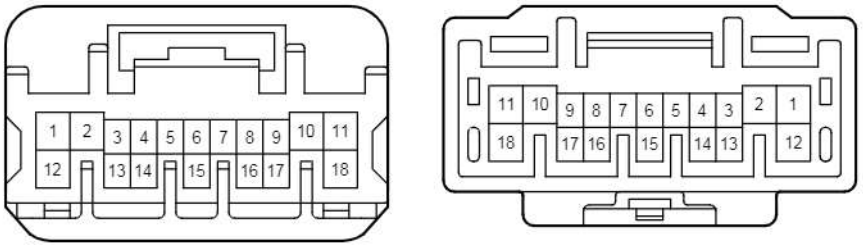
IA3
Blue



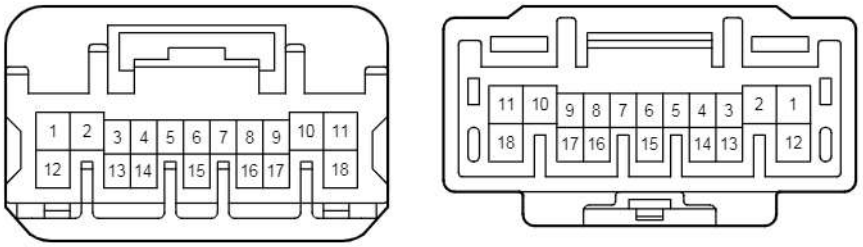
IA8
Gray



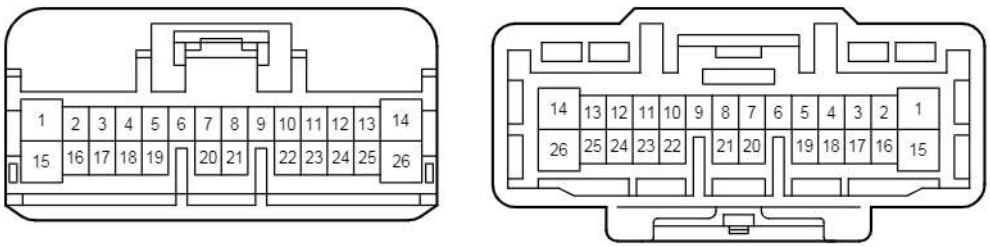
IN1
White



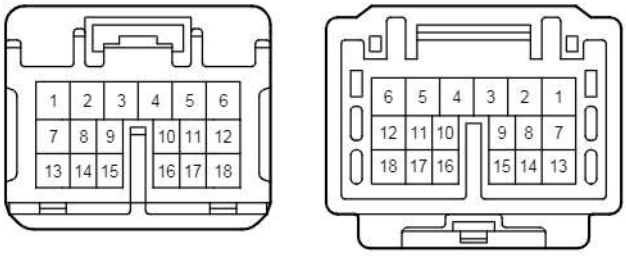
IO1
White



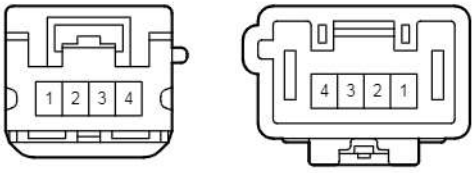
IO2
White



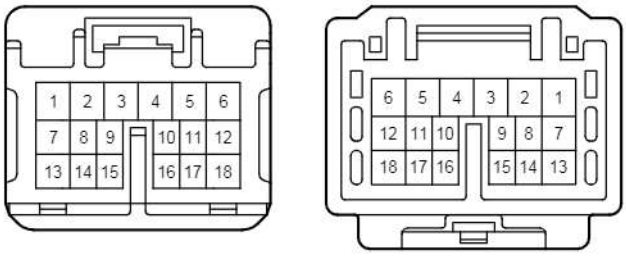
IS1
White



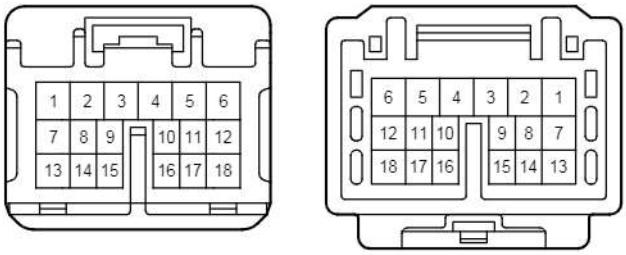
Ic1
White



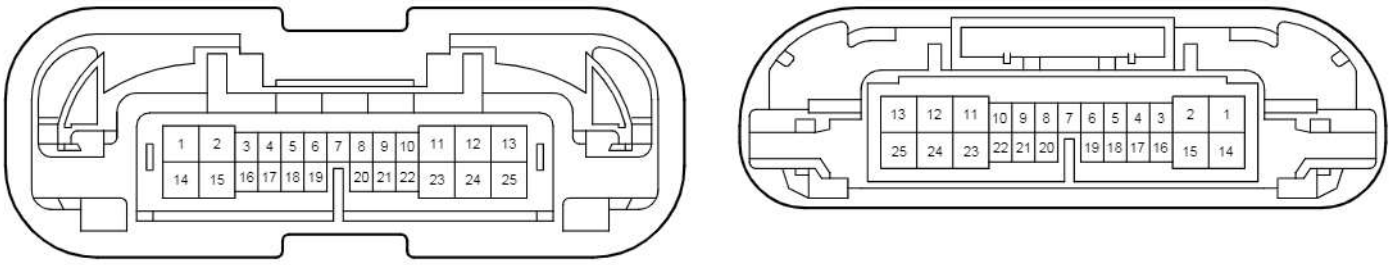
JI1
Gray

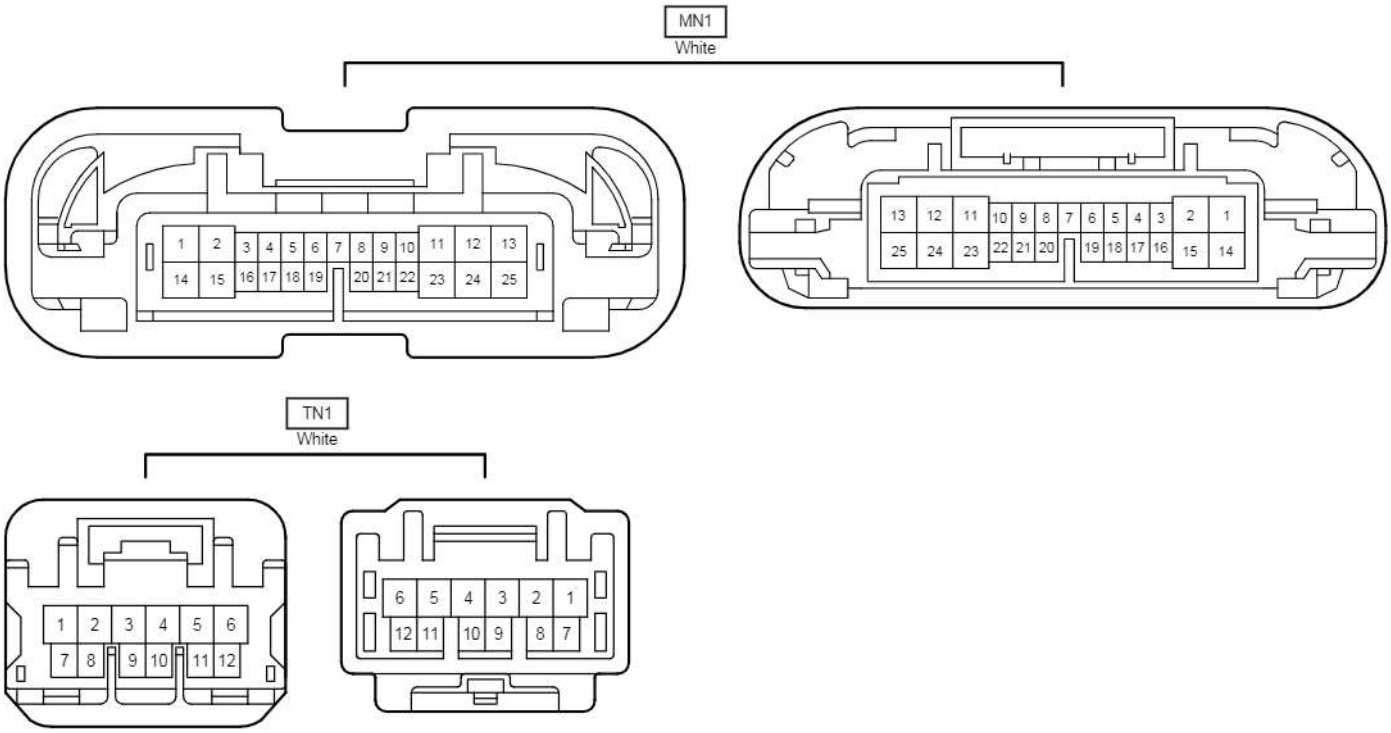


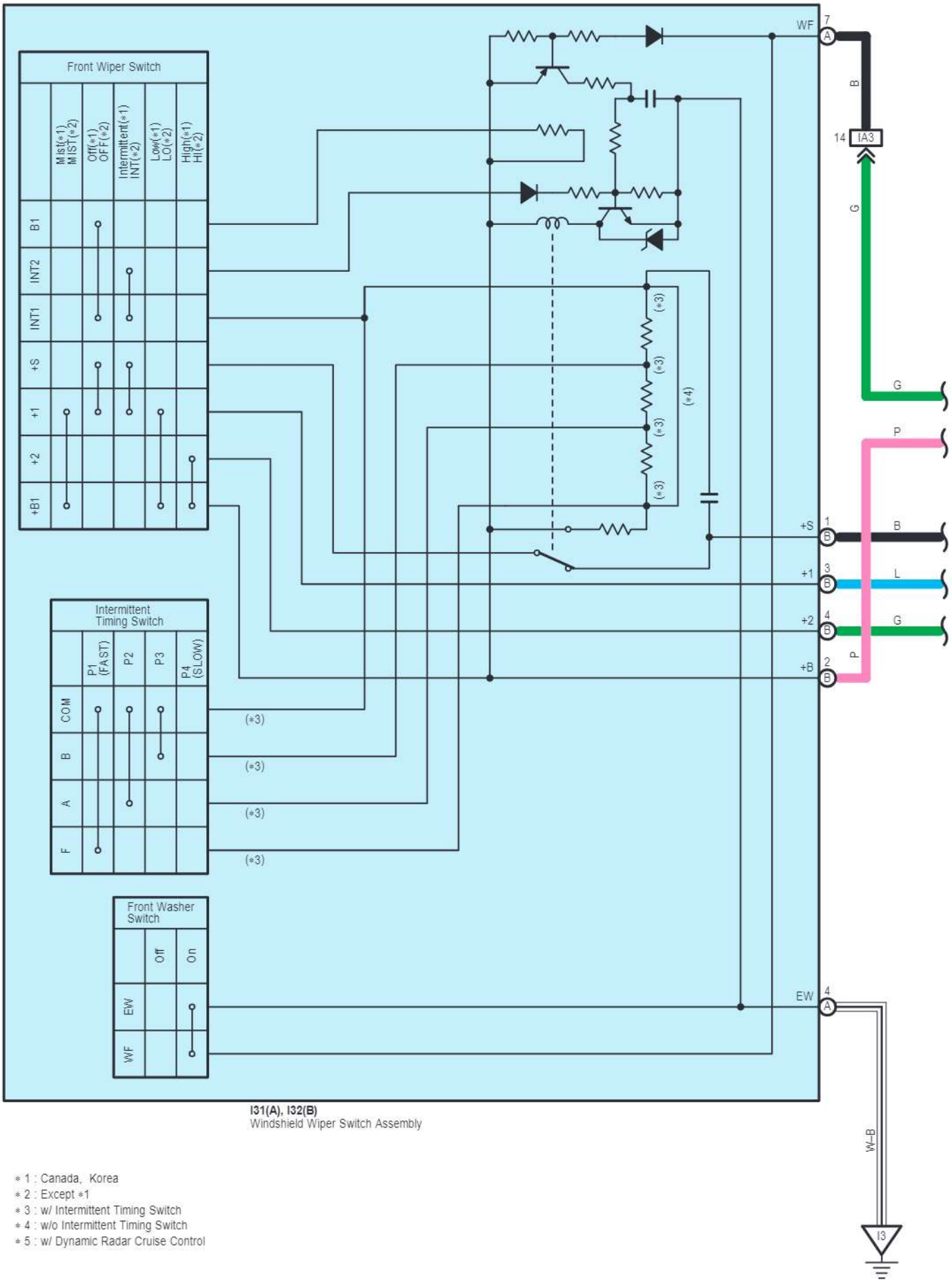
KI1
White



LO1
White

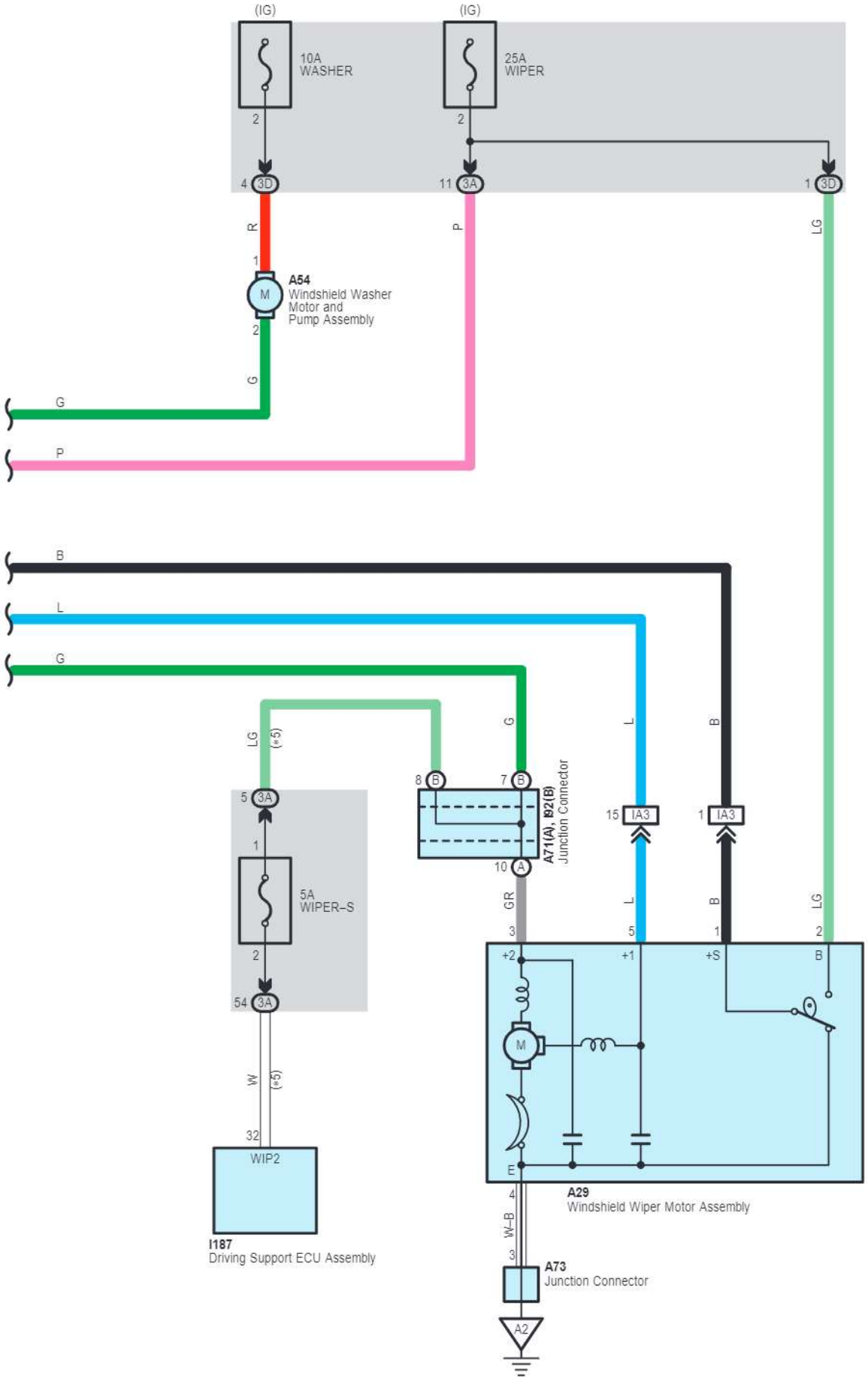



MN1
White
1 2 3 4 5 6 7 8 9 10 11 12 13
14 15 16 17 18 19 20 21 22 23 24 25
13 12 11 10 9 8 7 6 5 4 3 2 1
25 24 23 22 21 20 19 18 17 16 15 14
TN1
White
1 2 3 4 5 6
7 8 9 10 11 12
6 5 4 3 2 1
12 11 10 9 8 7



I31(A), I32(B)
Windshield Wiper Switch Assembly

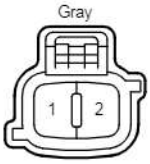
* 1 : Canada, Korea
* 2 : Except *1
* 3 : w/ Intermittent Timing Switch
* 4 : w/o Intermittent Timing Switch
* 5 : w/ Dynamic Radar Cruise Control


(IG)
(IG)
10A
WASHER
25A
WIPER
2
2
4 3D
11 3A
1 3D
R
P
LG
1
A54
Windshield Washer
Motor and
Pump Assembly
2
G
G
P
B
L
G
LG
(*5)
G
L
B
8 B
7 B
A71(A), B2(B)
Junction Connector
15 IA3
1 IA3
5 3A
1
10 A
5A
WIPER–S
GR
L
B
LG
3
5
1
2
+2
+1
+S
B
2
54 3A
M
W
(*5)
32
WIP2
E
I187
Driving Support ECU Assembly
A29
Windshield Wiper Motor Assembly
4
W–B
3
A73
Junction Connector
A2

A 29
Black



A 54
Gray



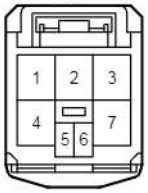
A 71
Gray



A 73
Gray



I 31
White



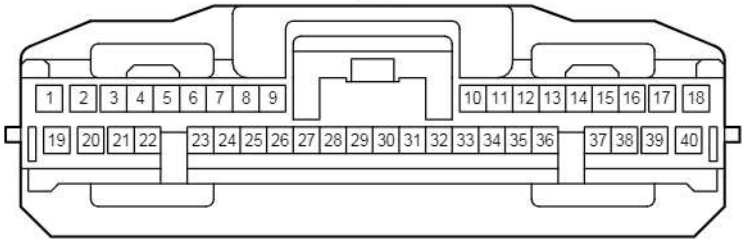
I 32
White



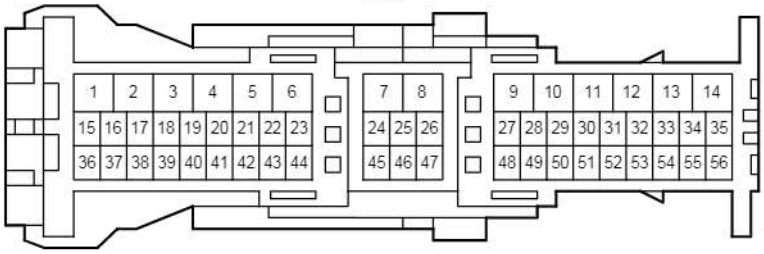
I 92
Gray



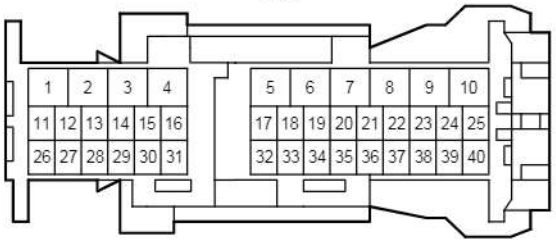
I187
White

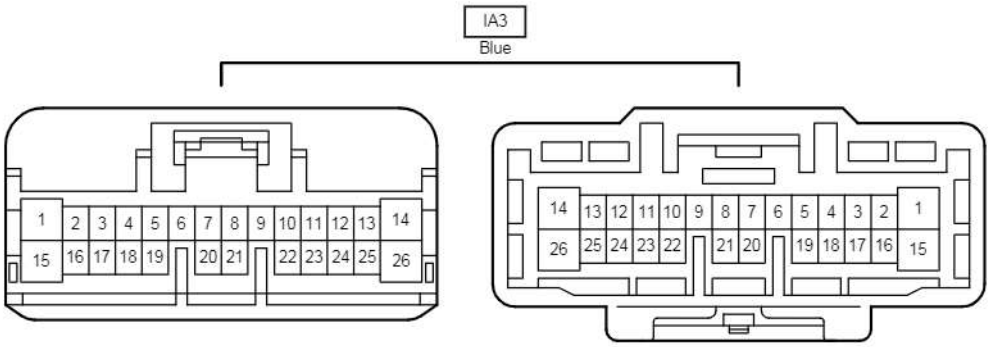


3A
White



3D
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