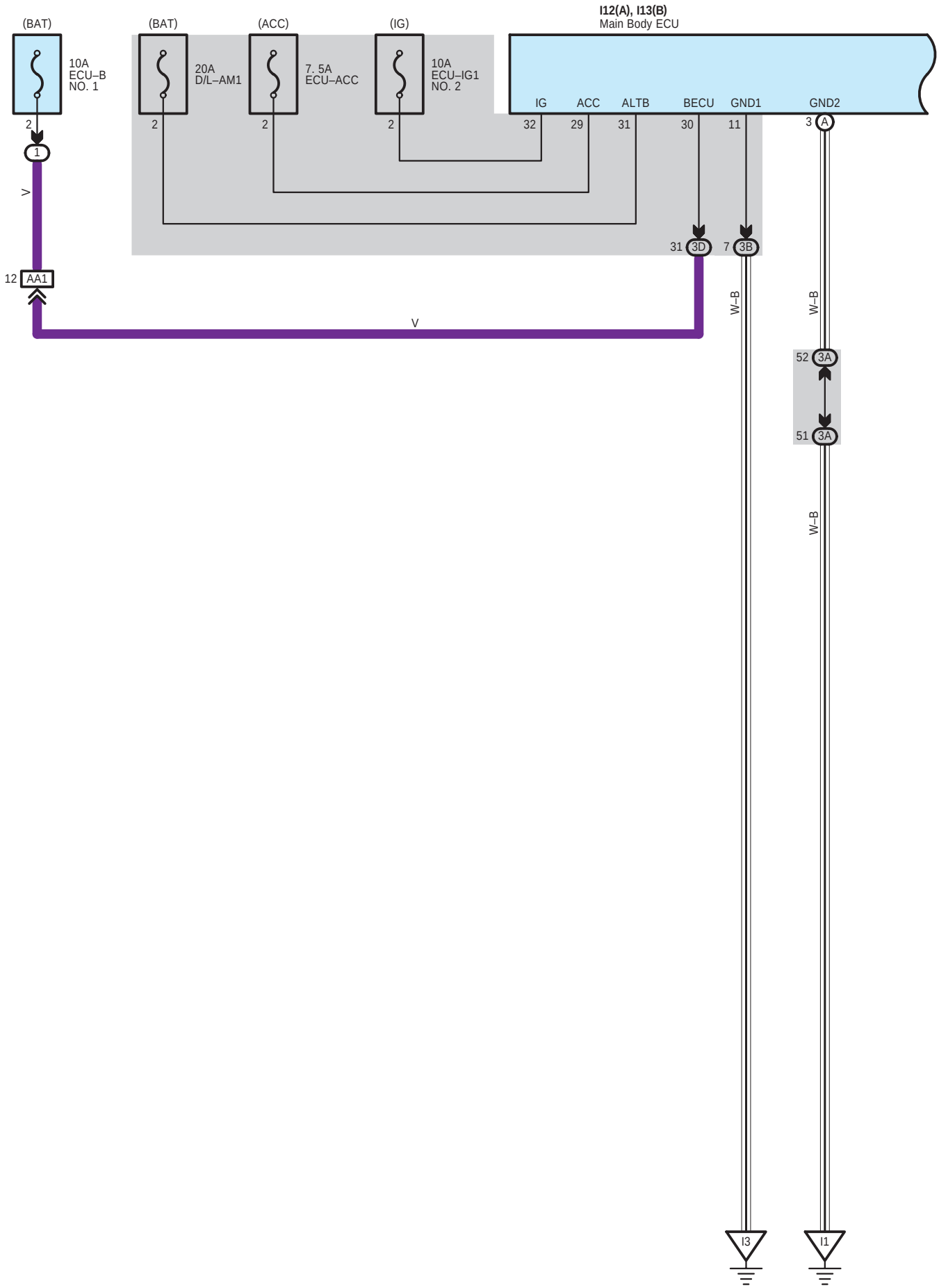
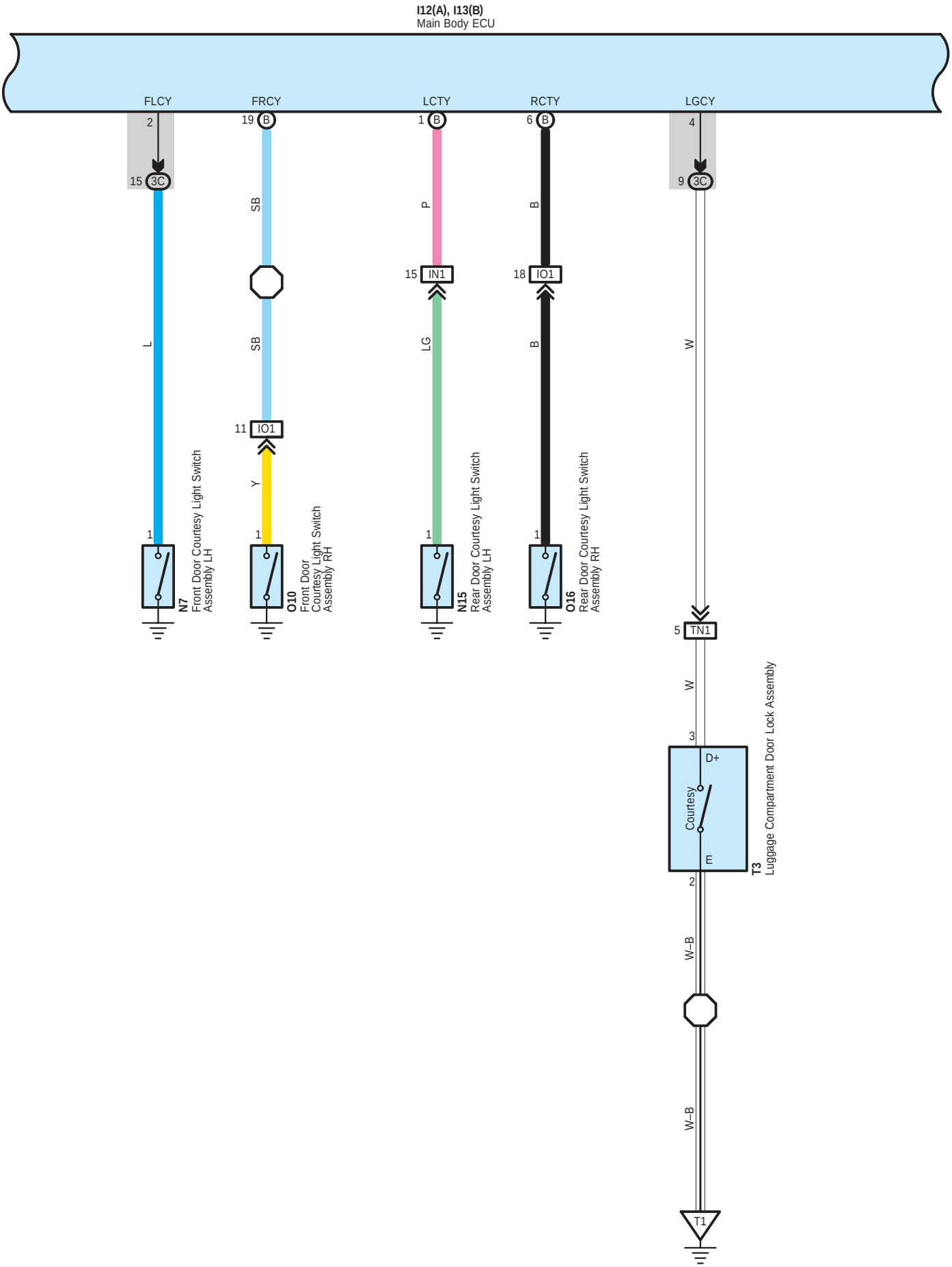
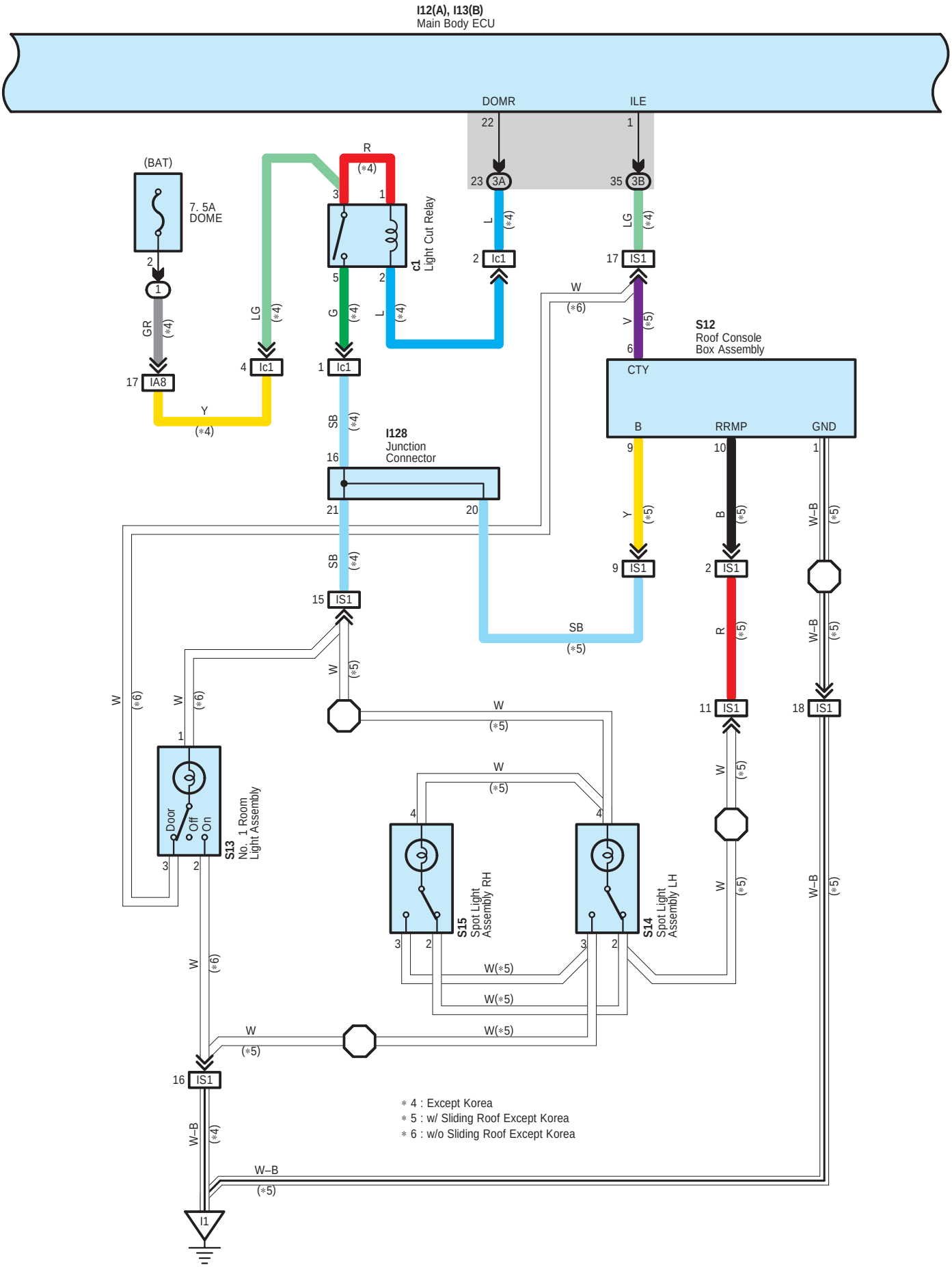
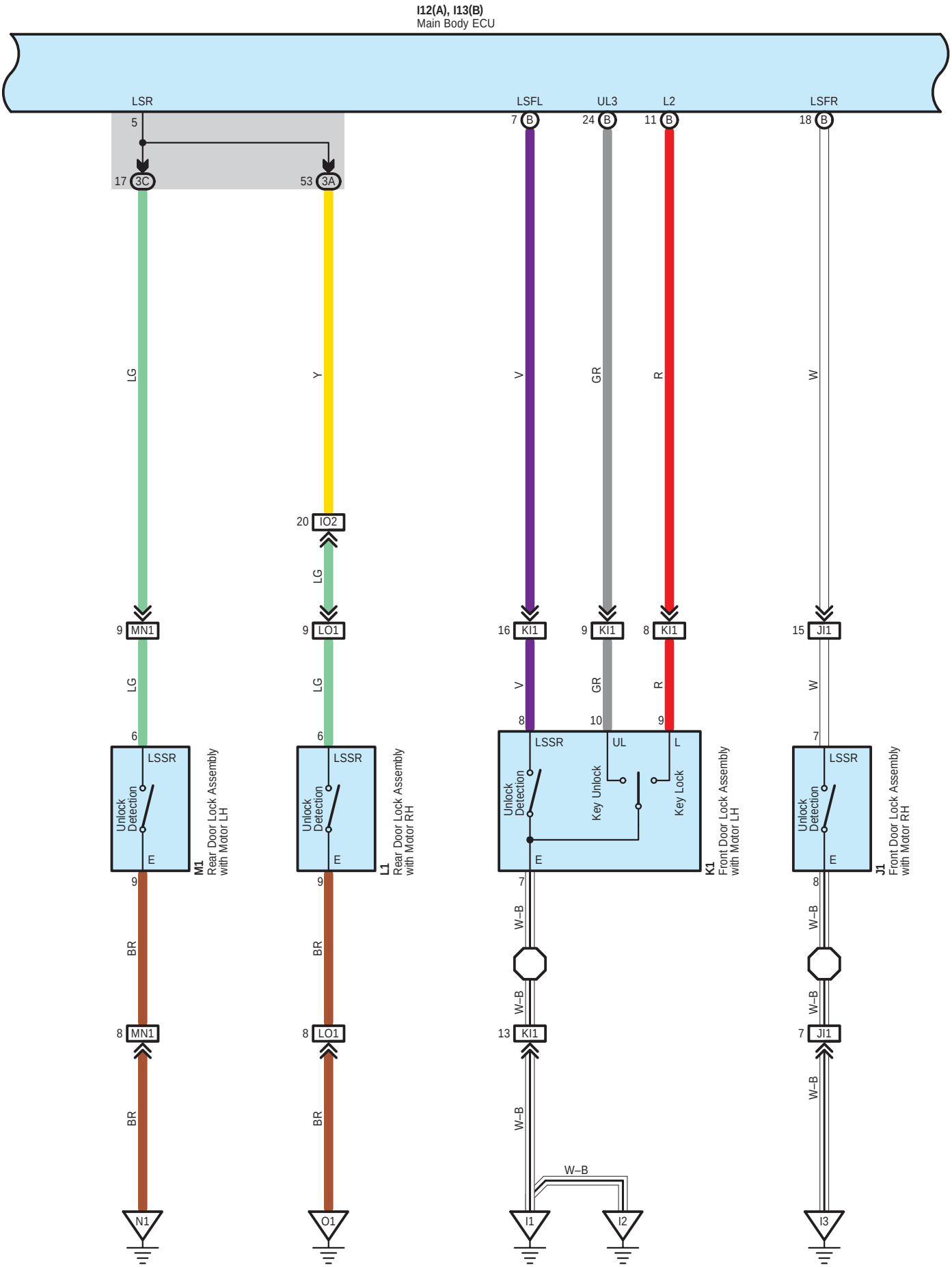
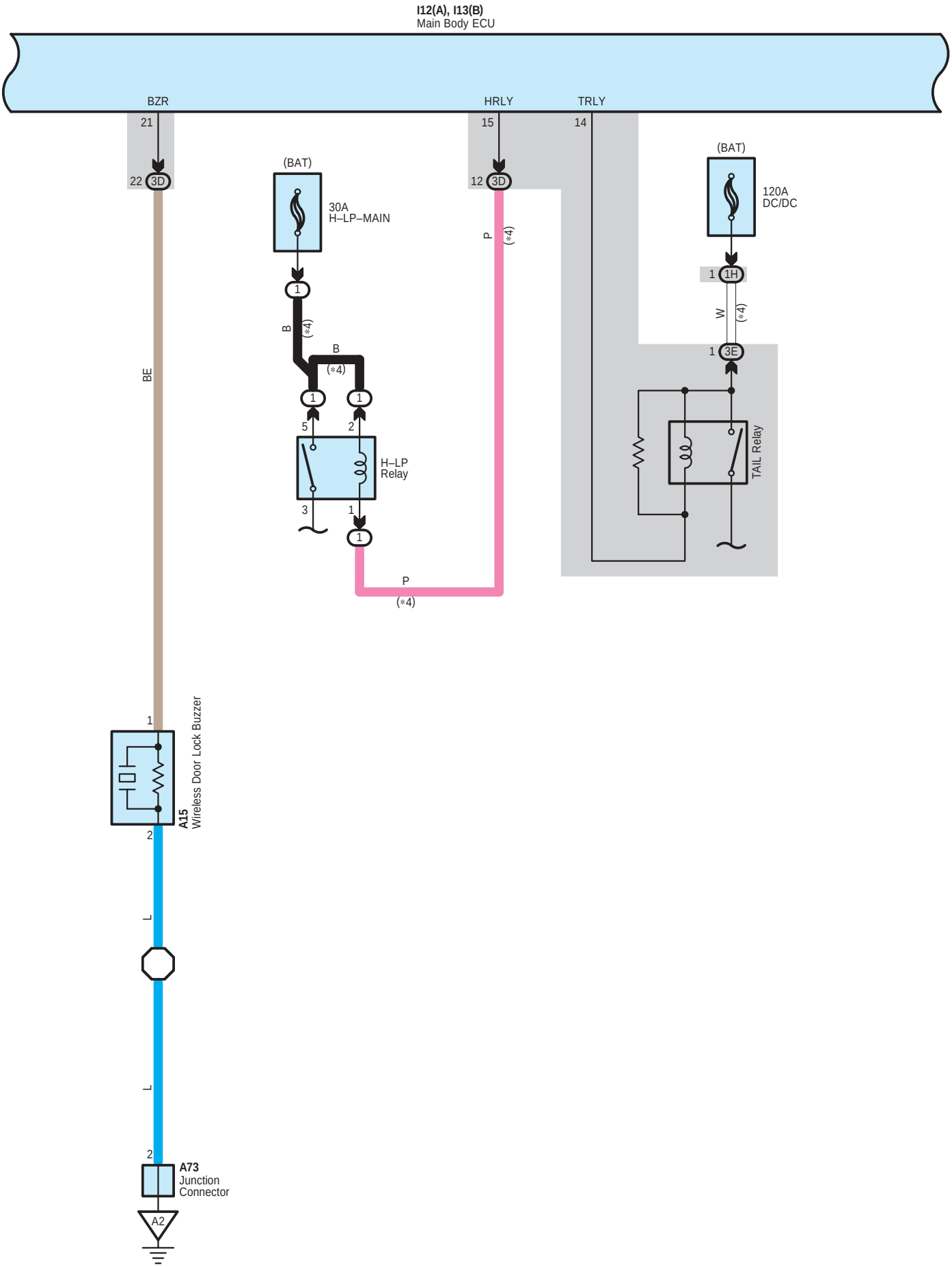
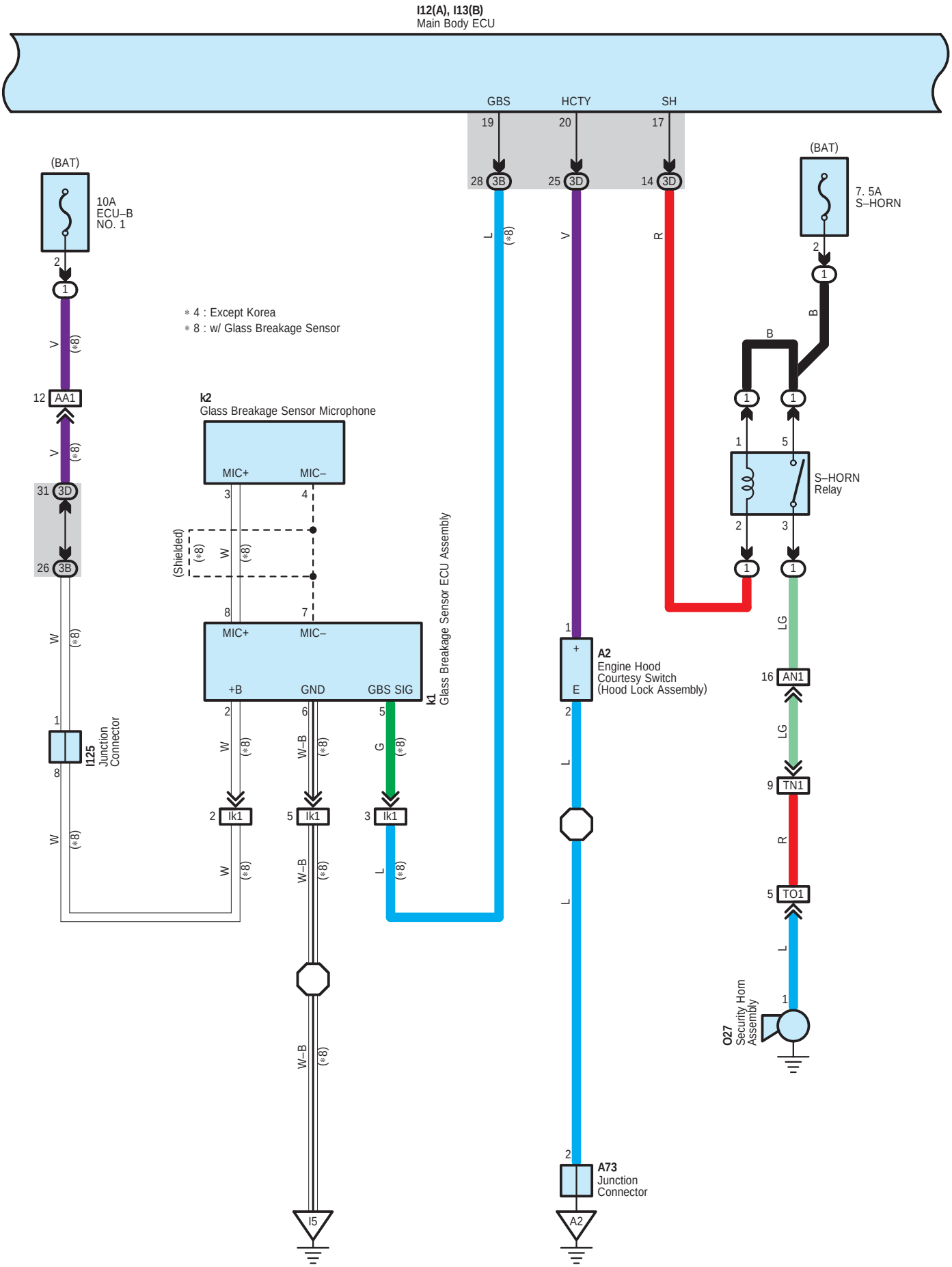

(BAT)
10A
ECU–B
NO. 1
(BAT)
20A
D/L–AM1
(ACC)
7. 5A
ECU–ACC
(IG)
10A
ECU–IG1
NO. 2
I12(A), I13(B)
Main Body ECU
IG
ACC
ALTB
BECU
GND1
GND2
2
1
V
12
AA1
2
2
2
32
29
31
30
11
3
A
31
3D
7
3B
V
W–B
W–B
52
3A
51
3A
W–B
I3
I1

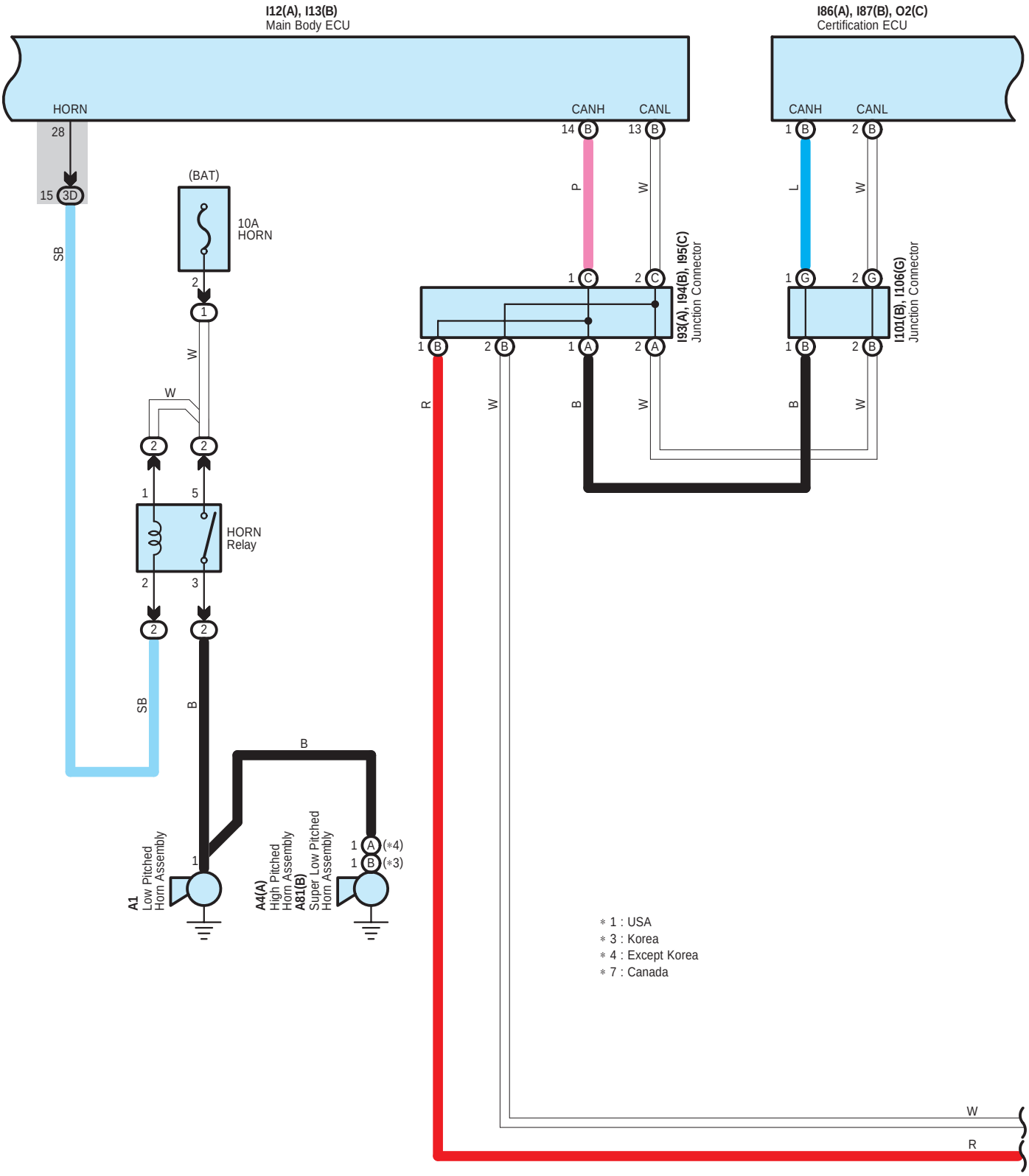

I12(A), I13(B)
Main Body ECU
FLCY
FRCY
LCTY
RCTY
LGCY
2
15 3C
19 B
1 B
6 B
4
9 3C
L
SB
SB
P
B
LG
B
W
11 IO1
Y
15 IN1
18 IO1
1
N7
Front Door Courtesy Light Switch Assembly LH
O10
Front Door Courtesy Light Switch Assembly RH
N15
Rear Door Courtesy Light Switch Assembly LH
O16
Rear Door Courtesy Light Switch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

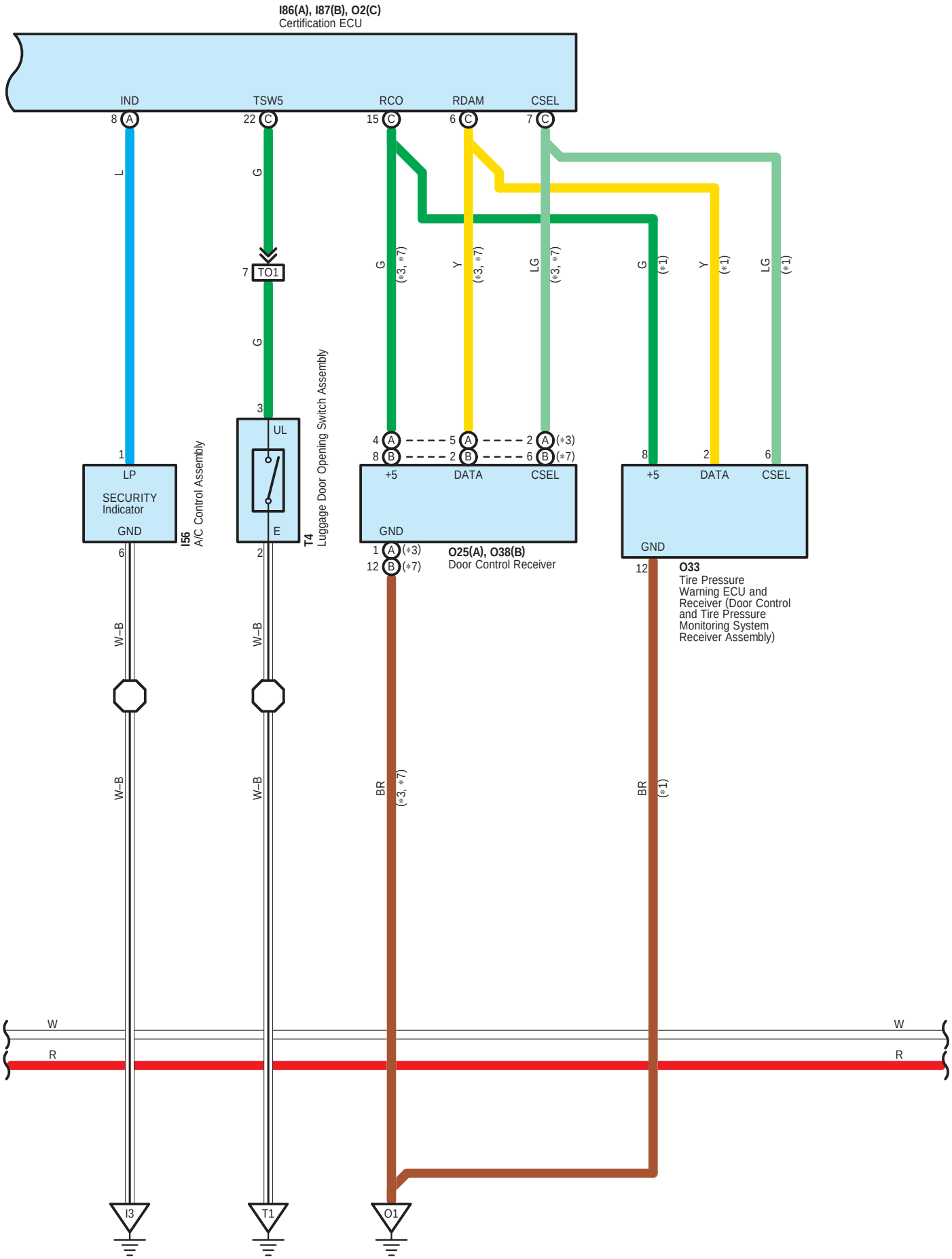

I12(A), I13(B)
Main Body ECU
DOMR
ILE
22
1
23 3A
35 3B
(BAT)
7. 5A
DOME
R
(*4)
3
1
5
2
c1
Light Cut Relay
L
(*4)
LG
(*4)
2 Ic1
17 IS1
W
(*6)
V
(*5)
S12
Roof Console
Box Assembly
CTY
B
RRMP
GND
9
10
1
GR
(*4)
17 IA8
LG
(*4)
4 Ic1
G
(*4)
1 Ic1
L
(*4)
Y
(*4)
SB
(*4)
I128
Junction
Connector
16
21
20
Y
(*5)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

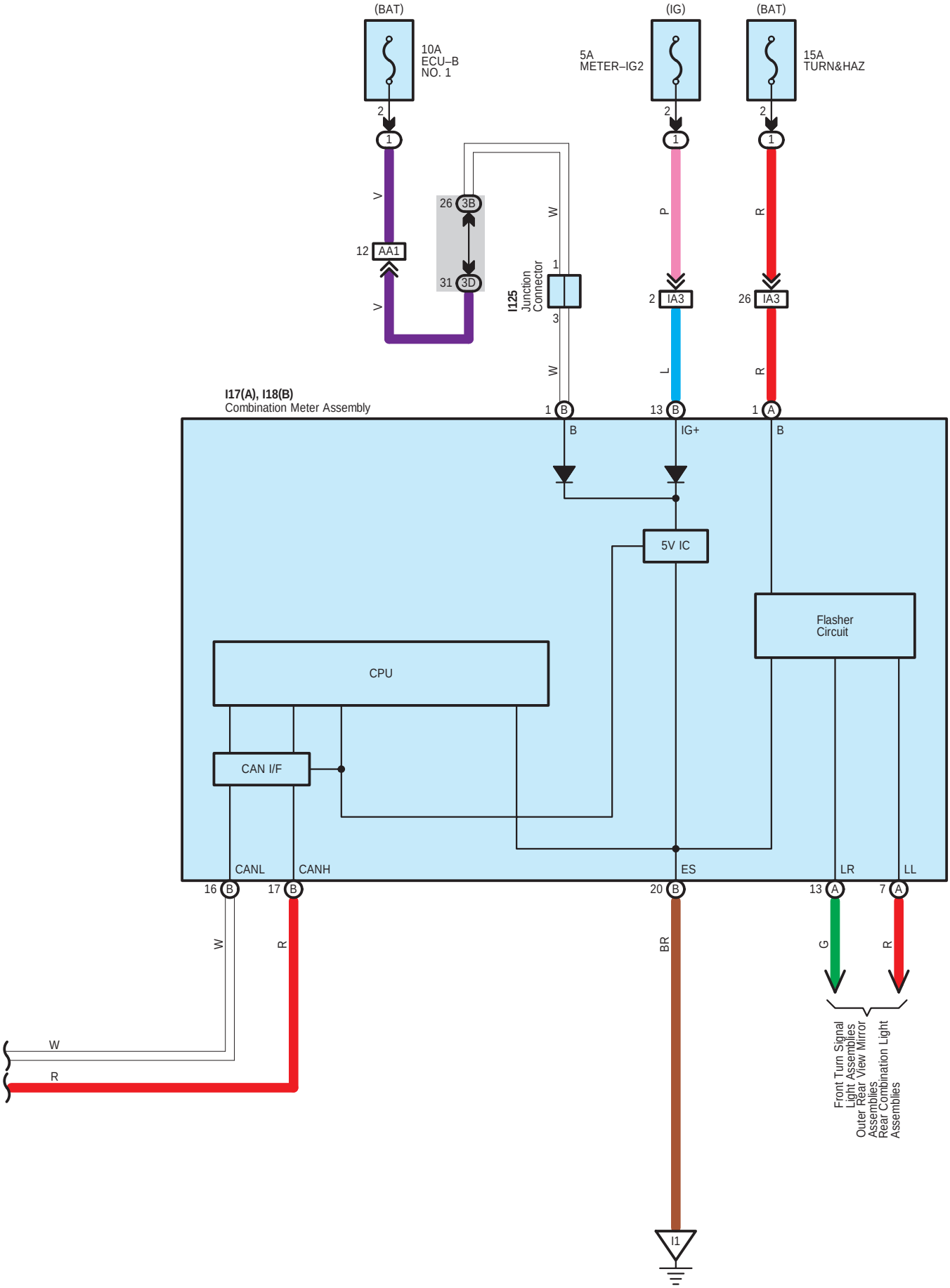

I12(A), I13(B)
Main Body ECU
LSR
LSFL
UL3
L2
LSFR
5
7 B
24 B
11 B
18 B
17 3C
53 3A
LG
Y
V
GR
R
W
20 IO2
LG
9 MN1
9 LO1
16 KI1
9 KI1
8 KI1
15 JI1
LG
LG
V
GR
R
W
6
6
8
10
9
7
LSSR
Unlock Detection
E
M1
Rear Door Lock Assembly with Motor LH
L1
Rear Door Lock Assembly with Motor RH
UL
L
Key Unlock
Key Lock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


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

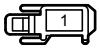

I12(A), I13(B)
Main Body ECU
GBS
HCTY
SH
19
20
17
28 3B
25 3D
14 3D
(BAT)
10A
ECU–B
NO. 1
2
1
V
(*8)
12 AA1
31 3D
26 3B
W
1
8
I125
Junction
Connector
∗ 4 : Except Korea
∗ 8 : w/ Glass Breakage Sensor
k2
Glass Breakage Sensor Microphone
MIC+
MIC–
3
4
(Shielded)
8
7
MIC+
MIC–
+B
GND
GBS SIG
2
6
5
2 Ik1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


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

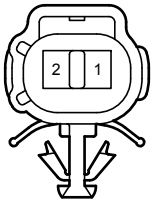

I86(A), I87(B), O2(C)
Certification ECU
IND
TSW5
RCO
RDAM
CSEL
8 A
22 C
15 C
6 C
7 C
L
G
7 TO1
G
3
UL
E
G (*3, *7)
Y (*3, *7)
LG (*3, *7)
G (*1)
Y (*1)
LG (*1)
4 A
8 B
5 A
2 B
2 A (*3)
6 B (*7)
8
2
6
1
LP
SECURITY Indicator
GND
I56 A/C Control Assembly
T4 Luggage Door Opening Switch Assembly
+5
DATA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


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

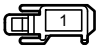
A 1
Black



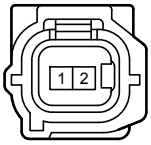
A 2
Black



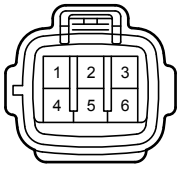
A 4
Black



A 15
Gray

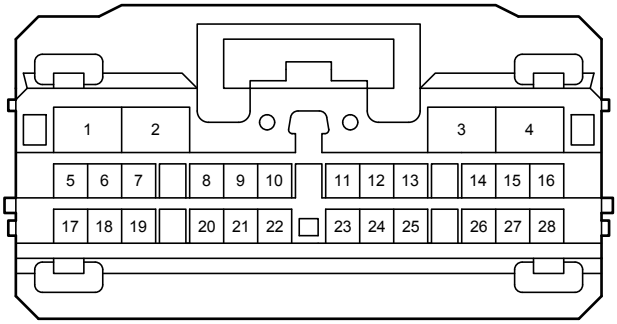


A 73
Gray

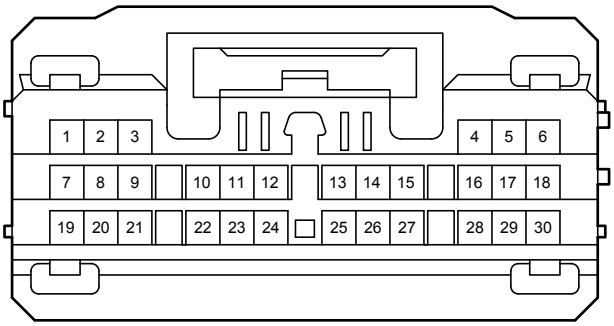


A 81
Black

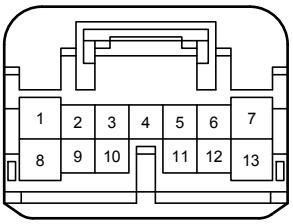
I 12
White



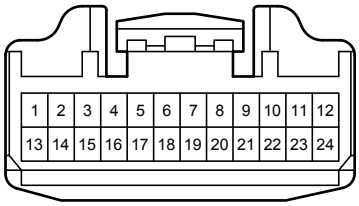
I 13
White



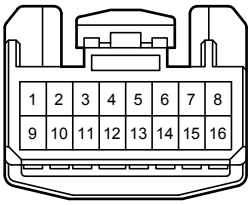
I 17
Black



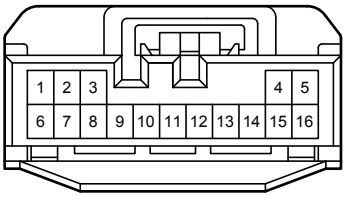
I 18
Black



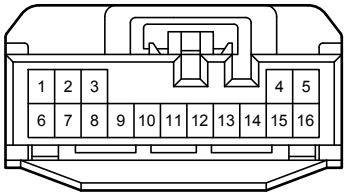
I 56
Black



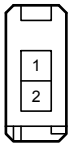
I 86
White



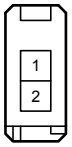
I 87
White



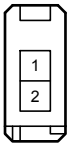
I 93
White



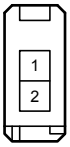
I 94
White



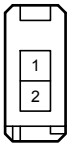
I 95
White



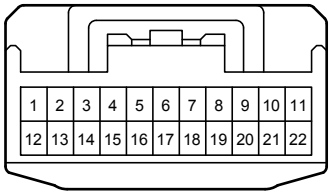
I101
White



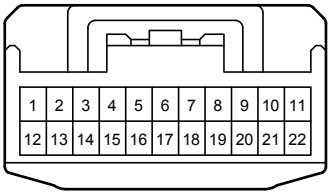
I106
White



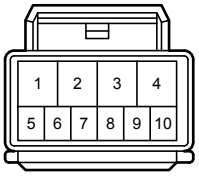
I125
Gray



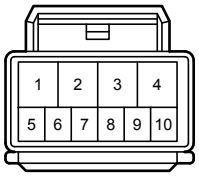
I128
White



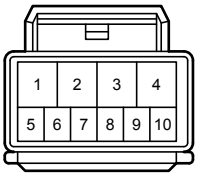
J 1
White



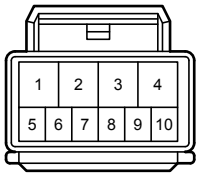
K 1
White



L 1
White



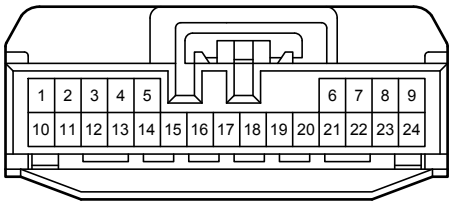
M 1
White



N 7
Black

N 15
Black

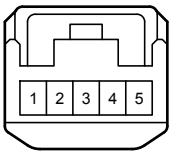
O 2
White



O 10
Black

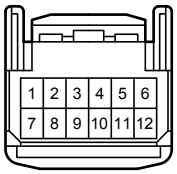
O 16
Black

O 25
White



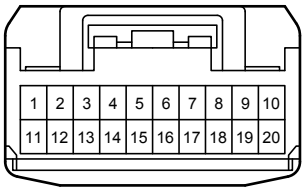
O 27
Black

O 33
White



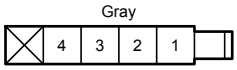
O 38
White

S 12
Black

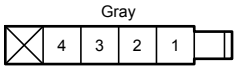


S 13
Gray

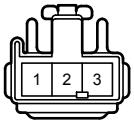
S 14
Gray



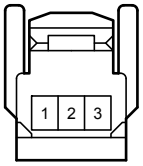
S 15
Gray



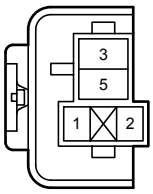
T 3
Black



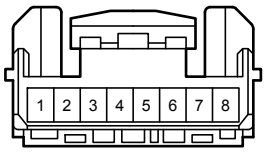
T 4
White



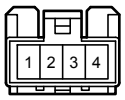
c 1
White



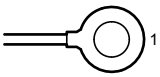
k 1
White



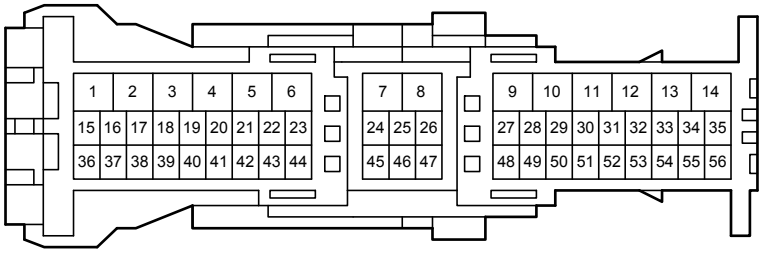
k 2
White



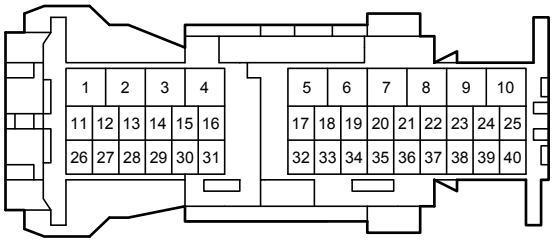
1H
White



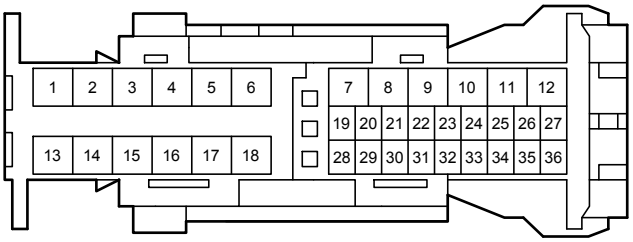
3A
White



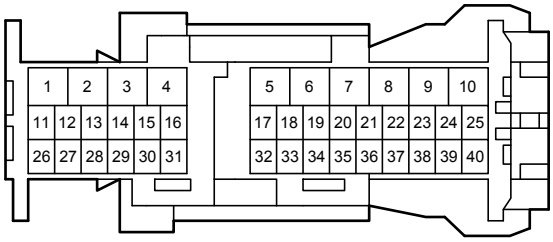
3B
White



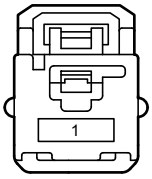
3C
White



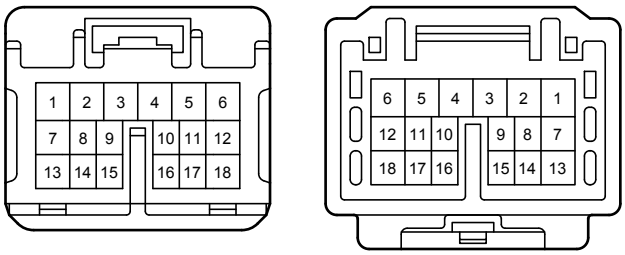
3D
White



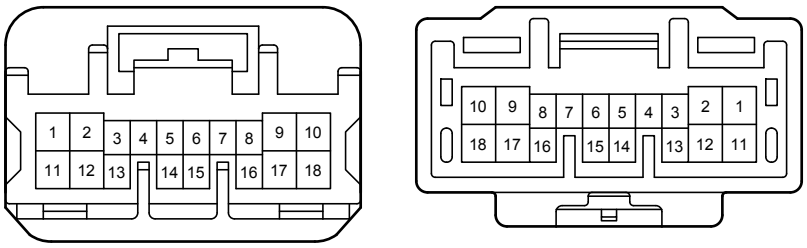
3E
White



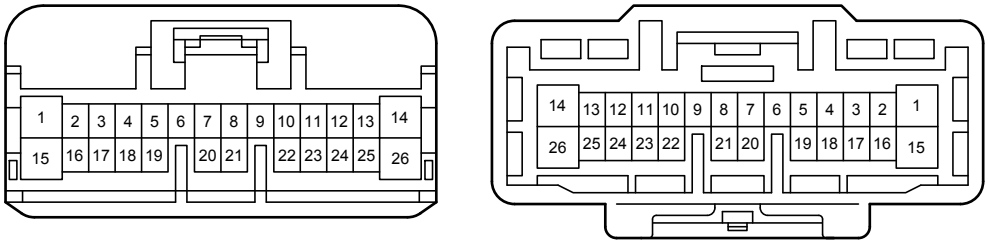
AA1
Blue



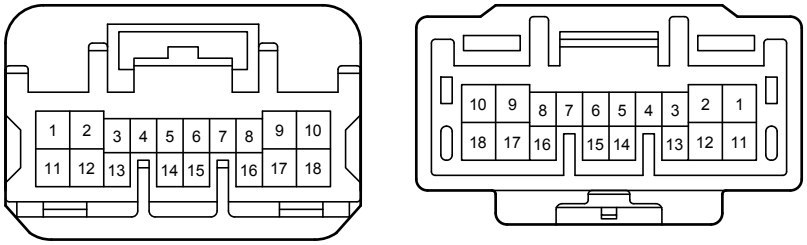
AN1
White



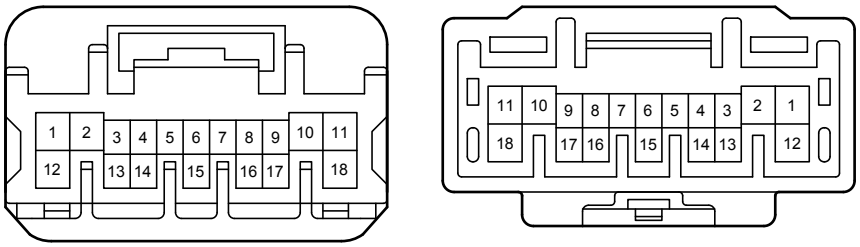
IA3
Blue



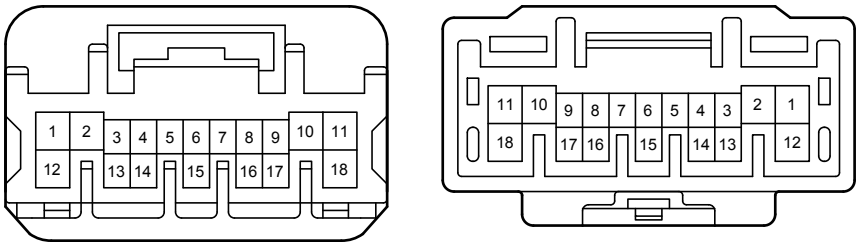
IA8
Gray



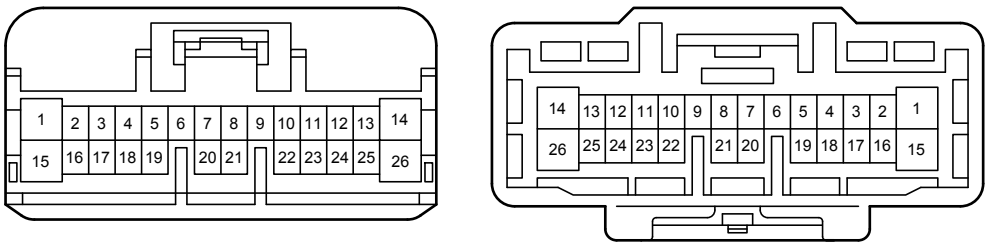
IN1
White

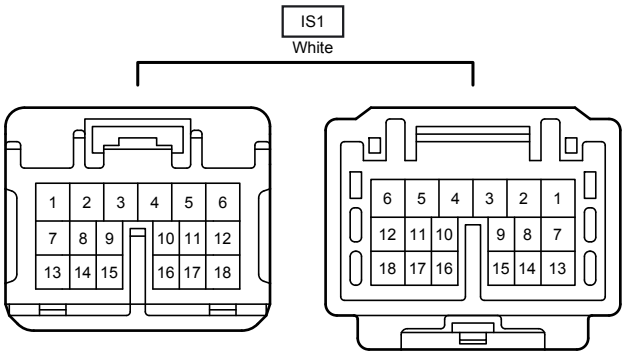


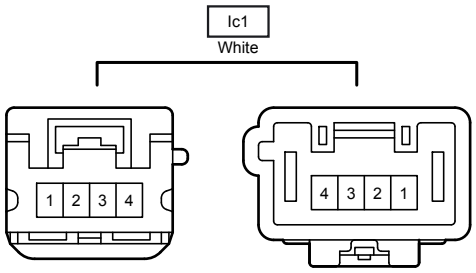
IO1
White

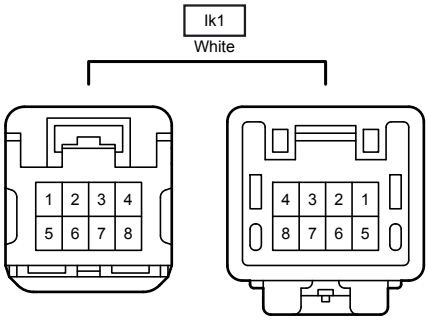


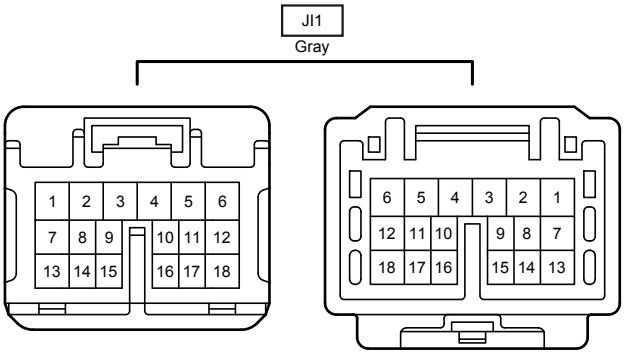
IO2
White

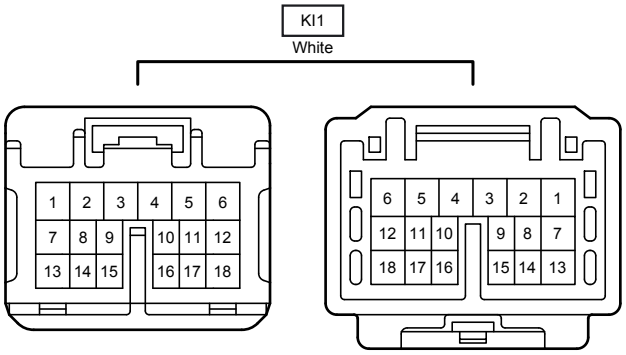


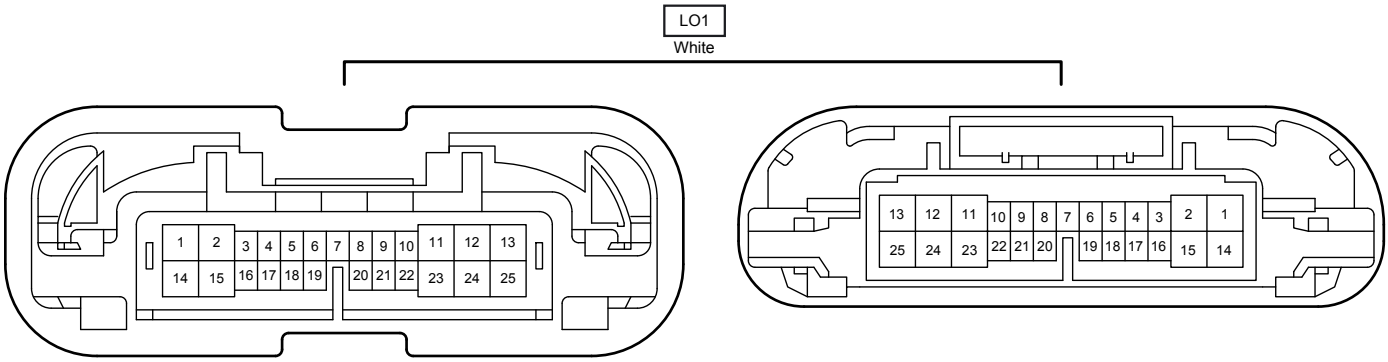

IS1
White
1 2 3 4 5 6
7 8 9 10 11 12
13 14 15 16 17 18
6 5 4 3 2 1
12 11 10 9 8 7
18 17 16 15 14 13

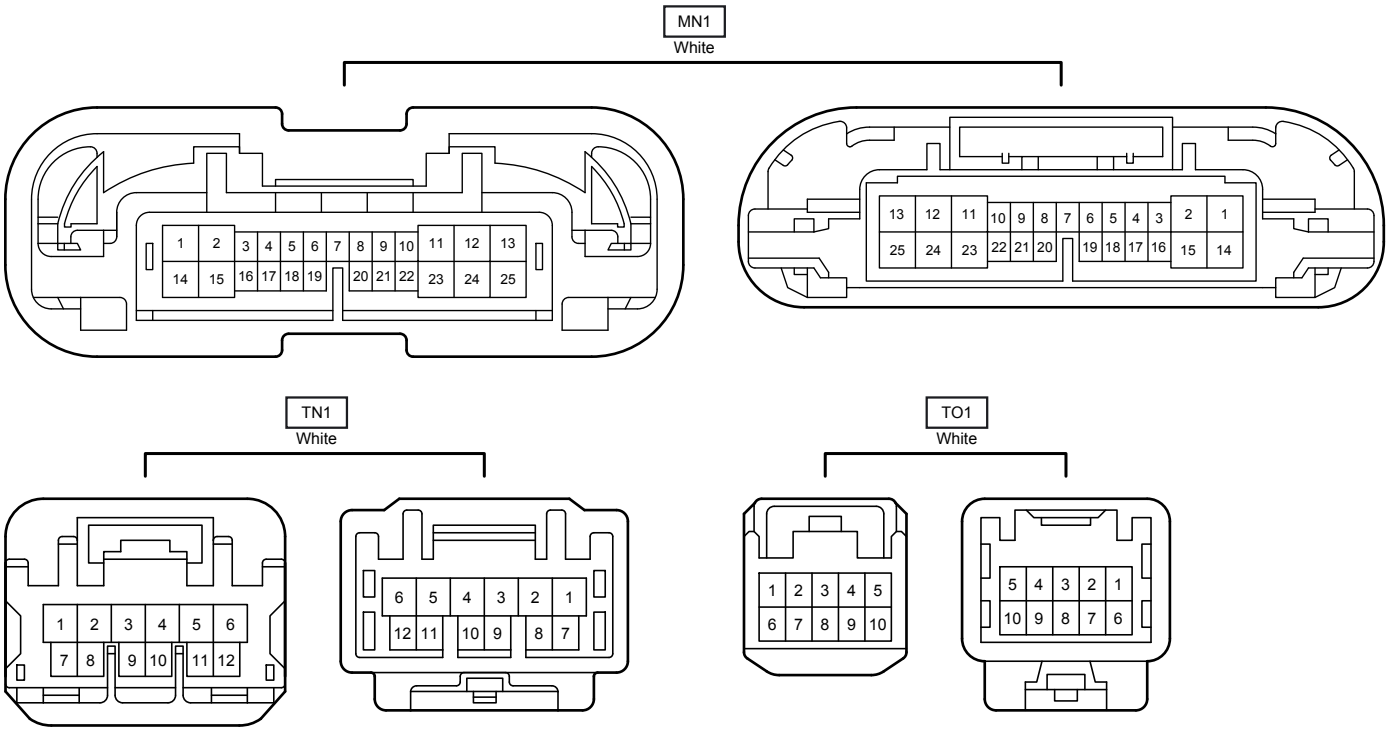

Ic1
White
1 2 3 4
4 3 2 1


Ik1
White
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5


Jl1
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


Kl1
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


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


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