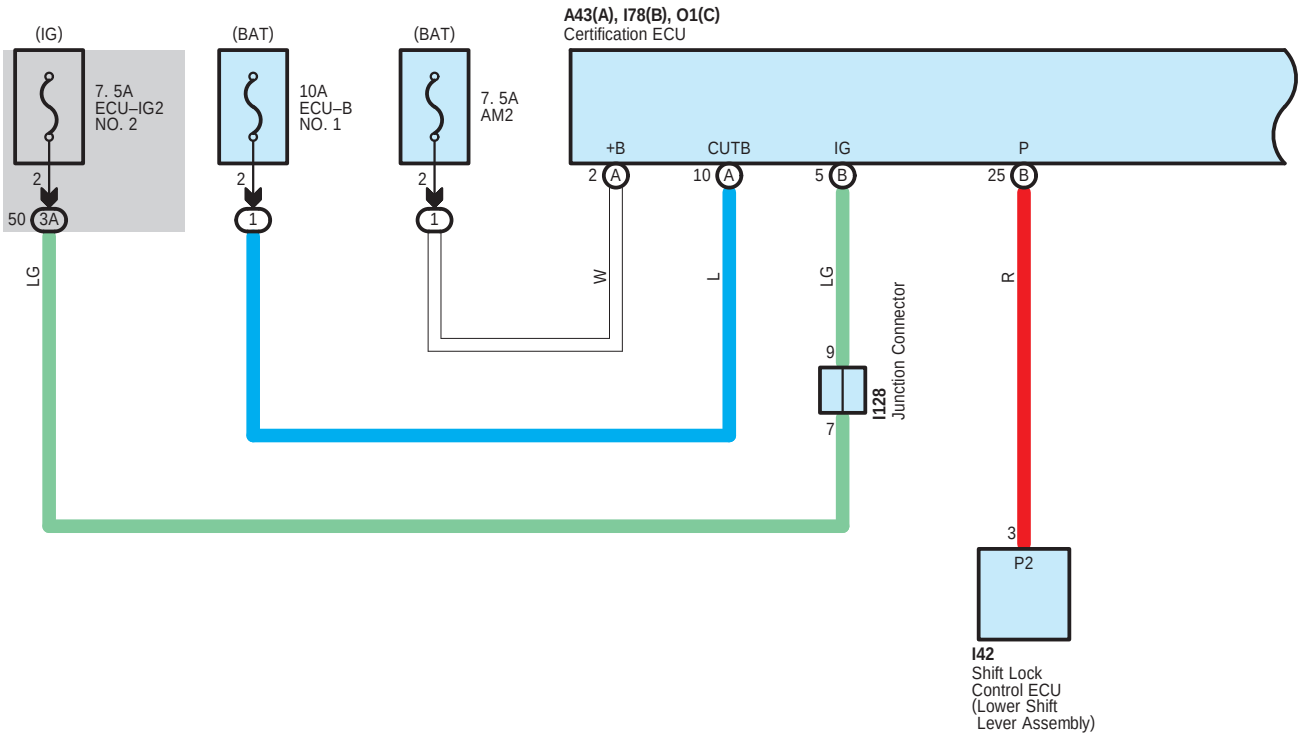
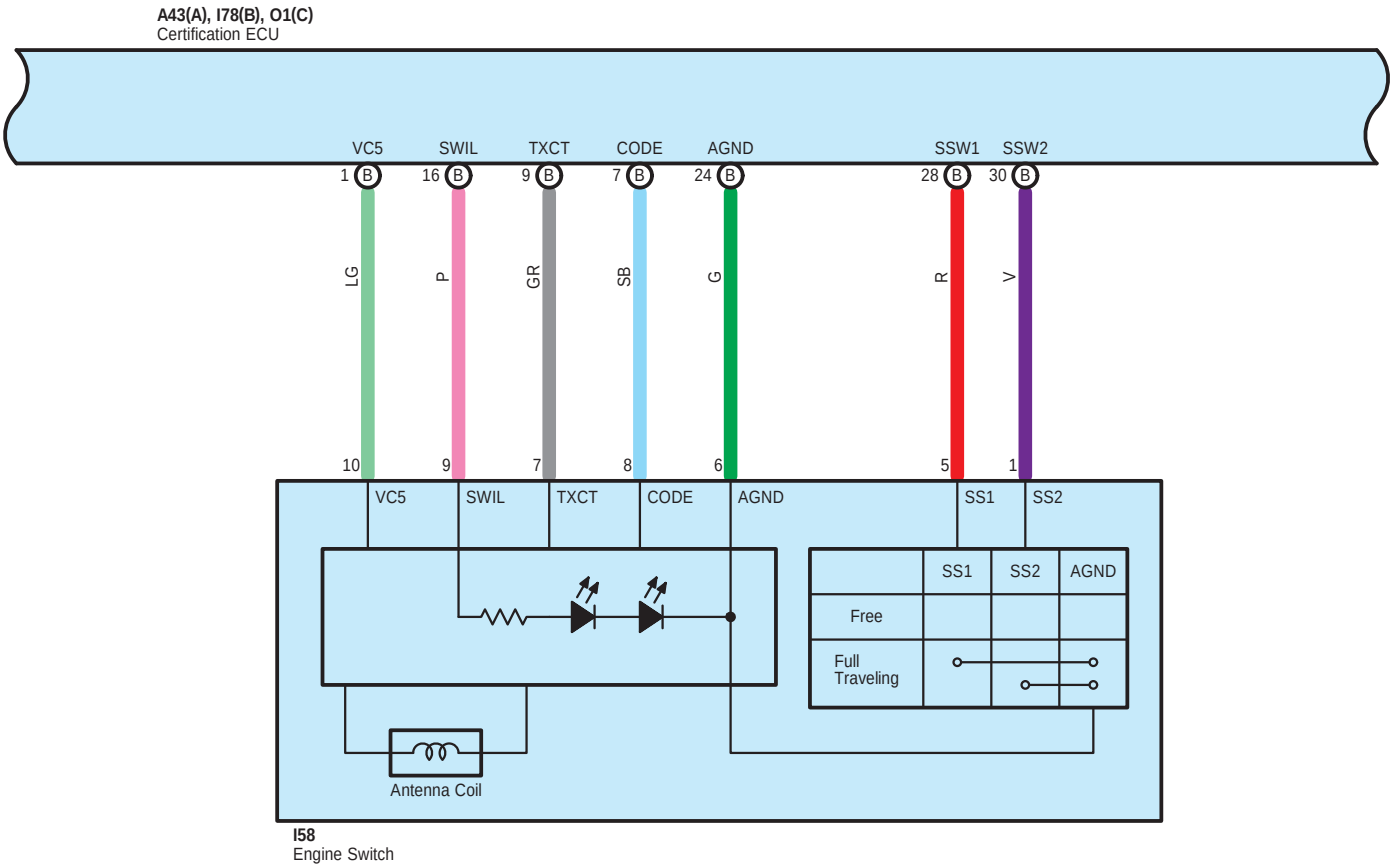
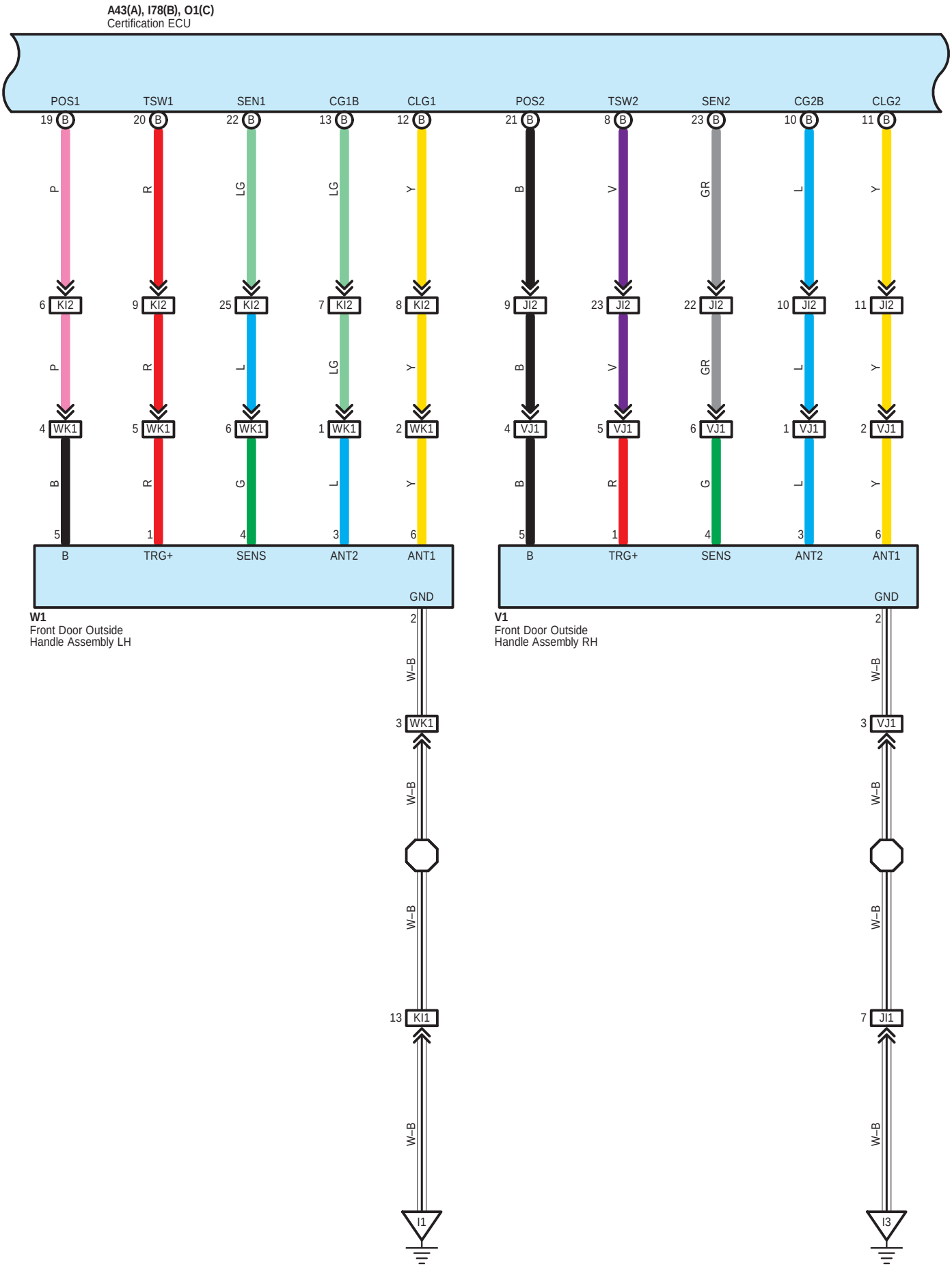
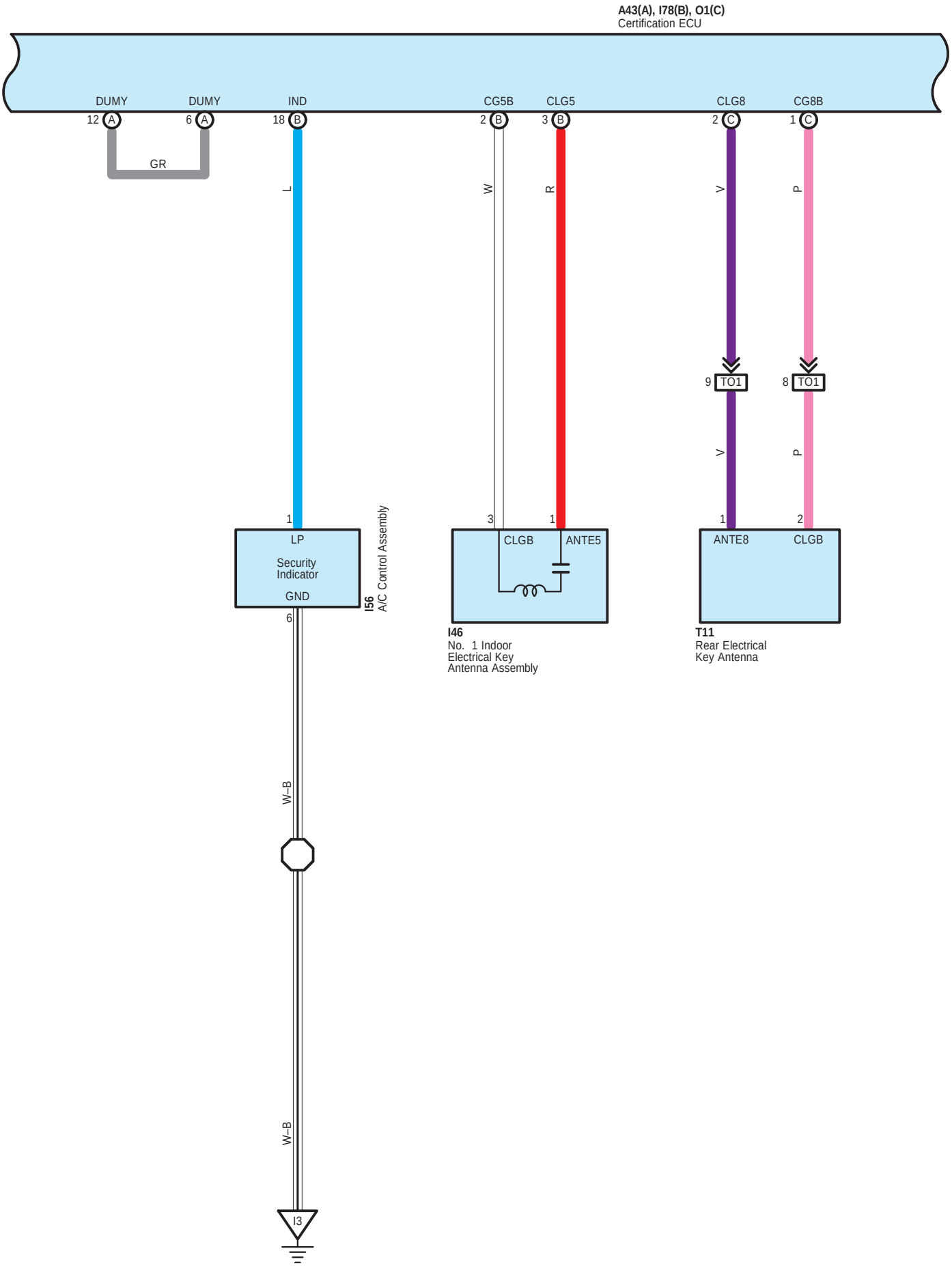
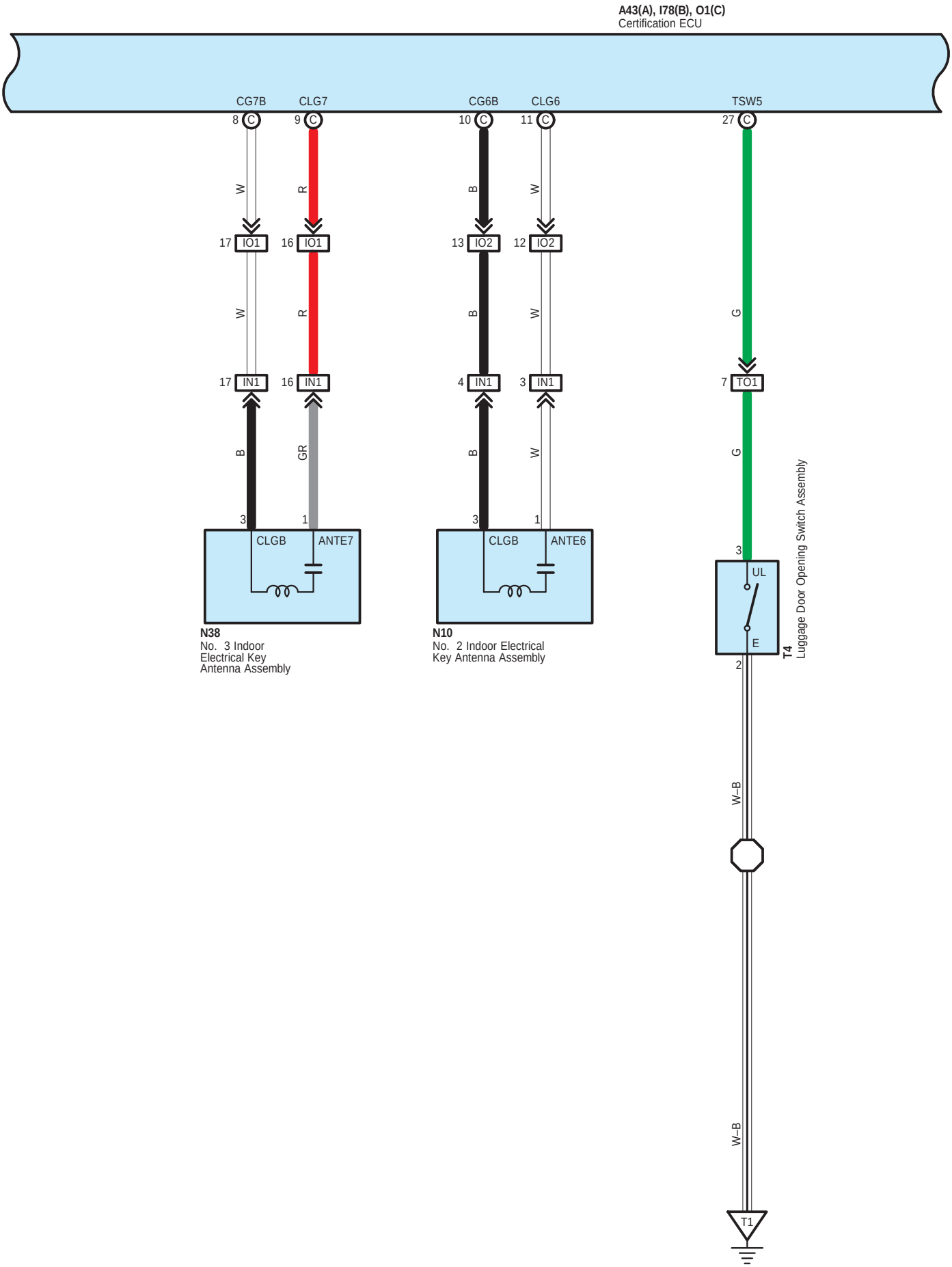
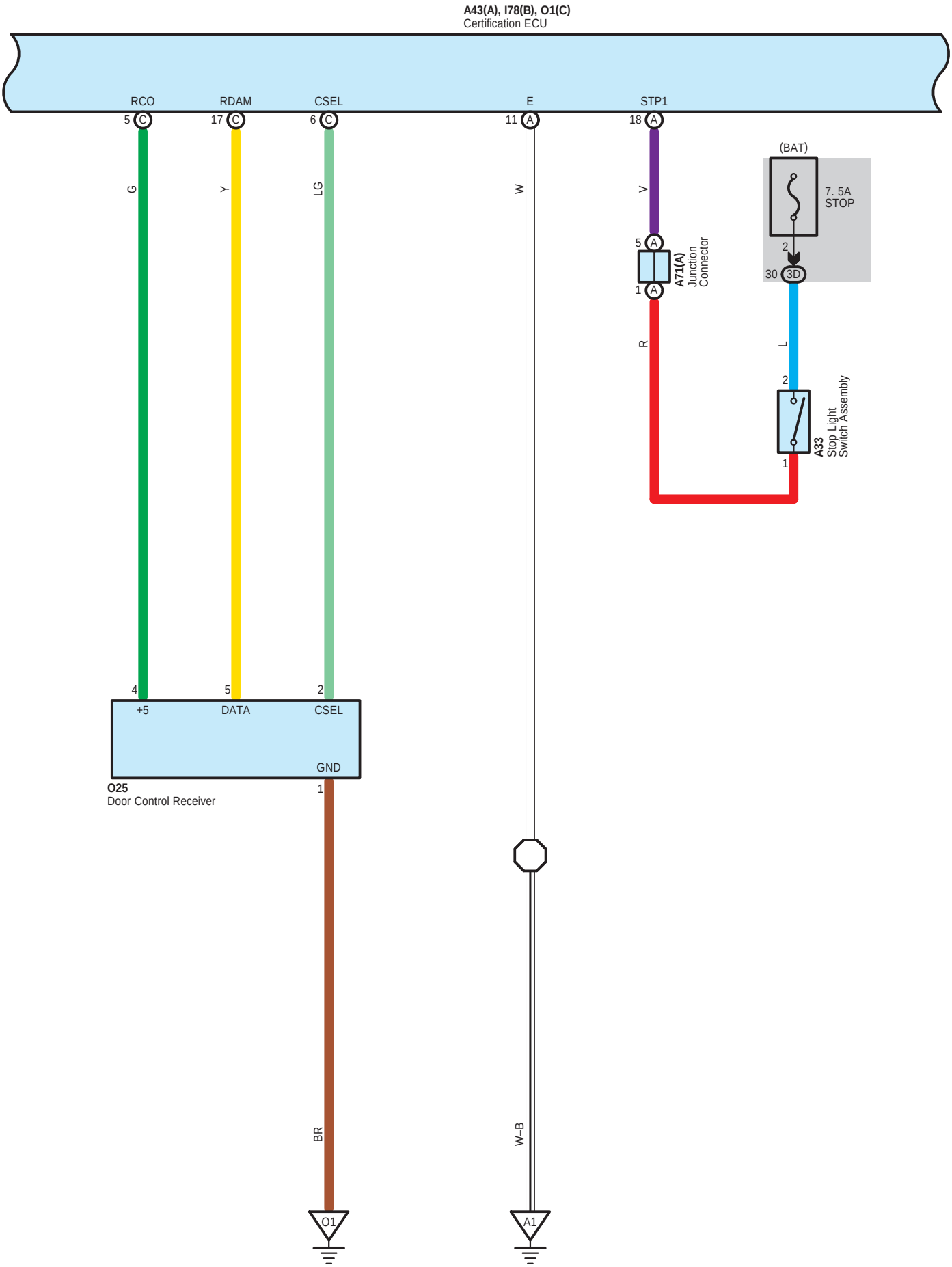

(IG)
7. 5A
ECU–IG2
NO. 2
2
50 3A
LG
(BAT)
10A
ECU–B
NO. 1
2
1
(BAT)
7. 5A
AM2
2
1
W
L
A43(A), I78(B), O1(C)
Certification ECU
+B
2 A
CUTB
10 A
IG
5 B
P
25 B
LG
9
7
I128
Junction Connector
R
3
P2
I42
Shift Lock
Control ECU
(Lower Shift
Lever Assembly)

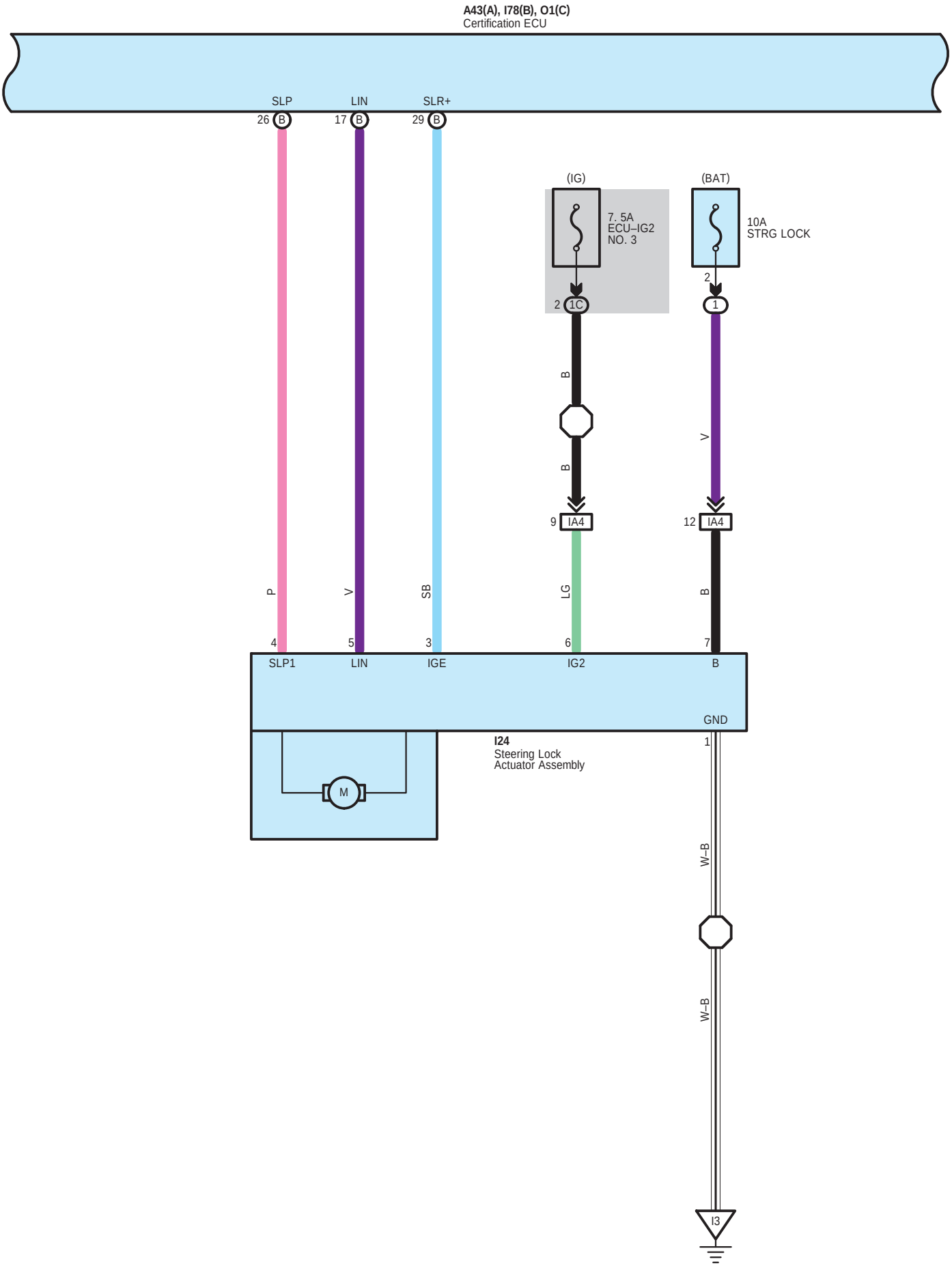

A43(A), I78(B), O1(C)
Certification ECU
VC5
SWIL
TXCT
CODE
AGND
SSW1
SSW2
1 B
16 B
9 B
7 B
24 B
28 B
30 B
LG
P
GR
SB
G
R
V
10
9
7
8
6
5
1
VC5
SWIL
TXCT
CODE
AGND
SS1
SS2
SS1
SS2
AGND
Free
Full Traveling
Antenna Coil
I58
Engine Switch

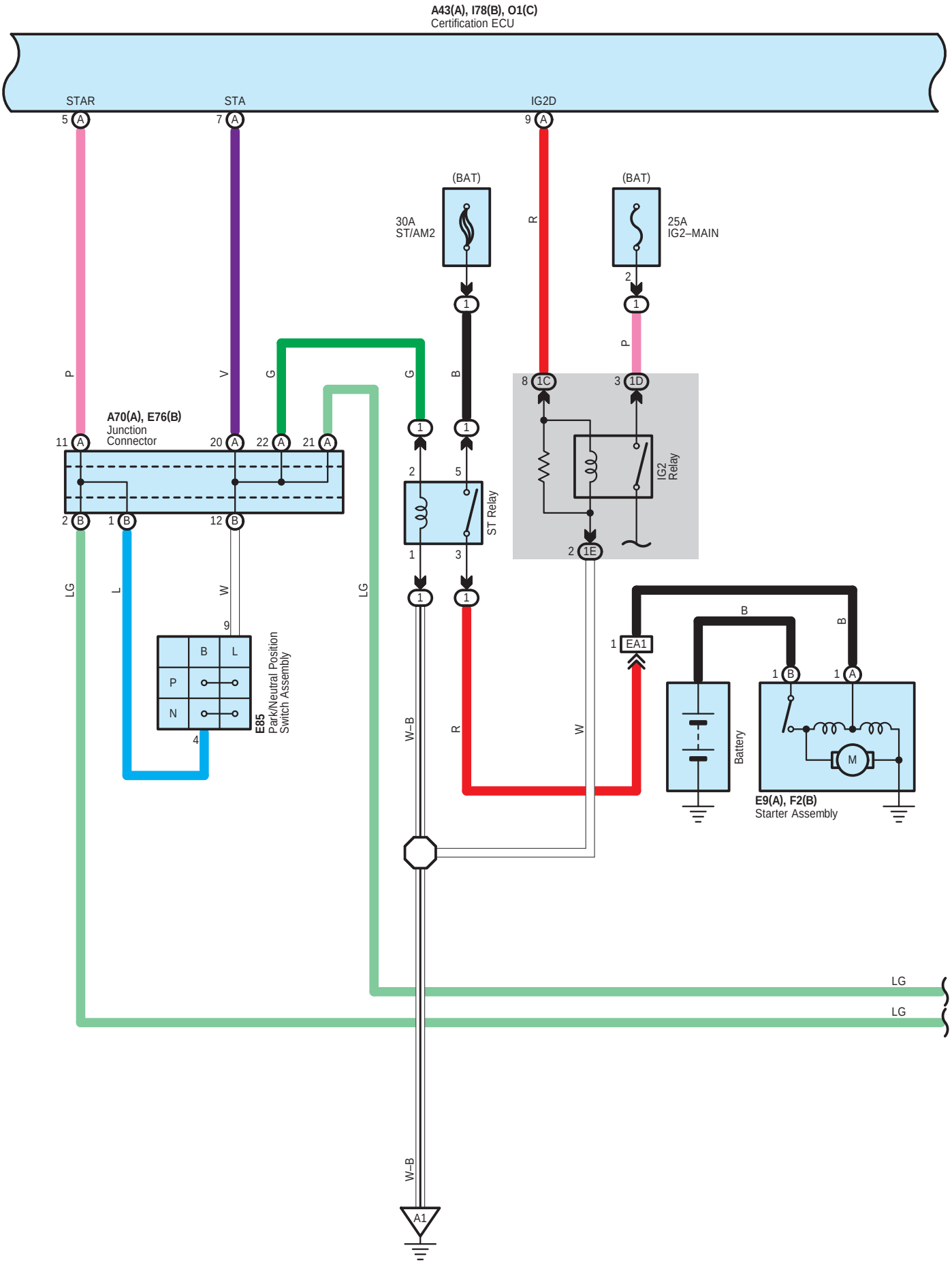

A43(A), I78(B), O1(C)
Certification ECU
POS1
TSW1
SEN1
CG1B
CLG1
POS2
TSW2
SEN2
CG2B
CLG2
19 B
20 B
22 B
13 B
12 B
21 B
8 B
23 B
10 B
11 B
P
R
LG
LG
Y
B
V
GR
L
Y
6 KI2
9 KI2
25 KI2
7 KI2
8 KI2
9 JI2
23 JI2
22 JI2
10 JI2
11 JI2
P
R
L
LG
Y
B
V
GR
L
Y
4 WK1
5 WK1
6 WK1
1 WK1
2 WK1
4 VJ1
5 VJ1
6 VJ1
1 VJ1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

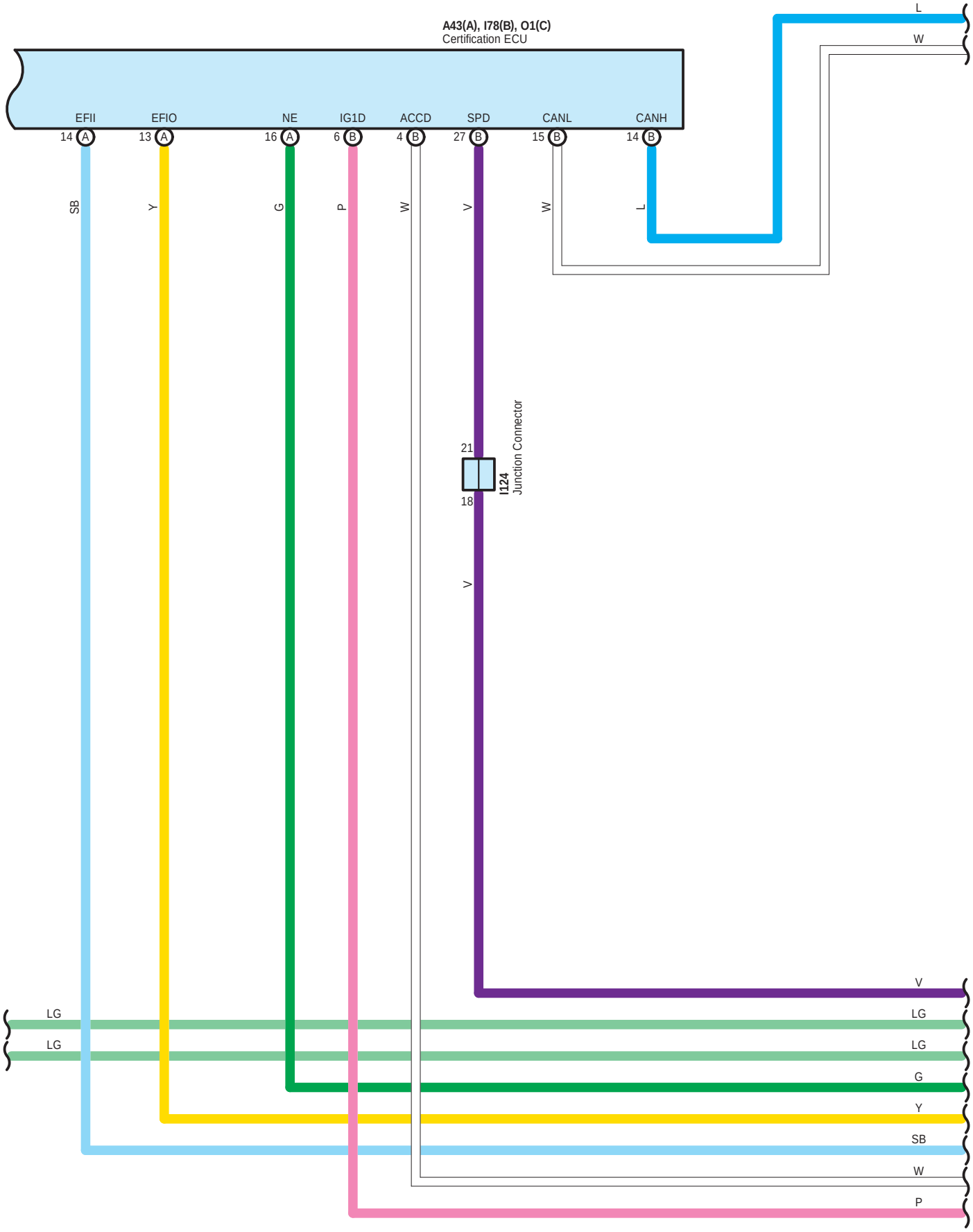

A43(A), I78(B), O1(C)
Certification ECU
DUMY
DUMY
IND
CG5B
CLG5
CLG8
CG8B
12 A
6 A
18 B
2 B
3 B
2 C
1 C
GR
L
W
R
V
P
9 TO1
8 TO1
V
P
1
LP
Security Indicator
GND
6
I56
A/C Control Assembly
3
1
CLGB
ANTE5
I46
No. 1 Indoor Electrical Key Antenna Assembly
1
2
ANTE8
CLGB
T11
Rear Electrical Key Antenna
W–B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

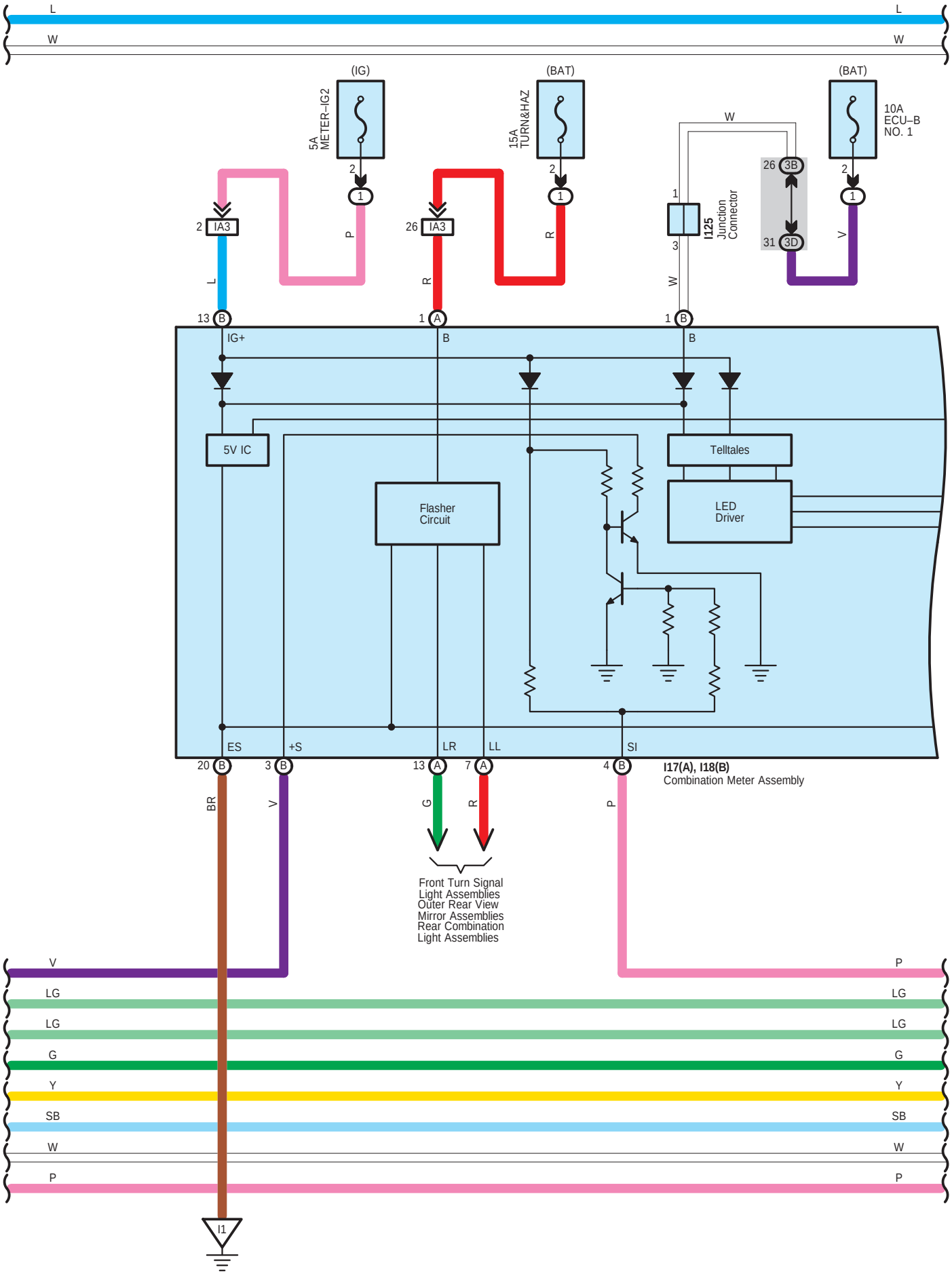

A43(A), I78(B), O1(C)
Certification ECU
CG7B
CLG7
CG6B
CLG6
TSW5
8 C
9 C
10 C
11 C
27 C
W
R
B
W
G
17 IO1
16 IO1
13 IO2
12 IO2
17 IN1
16 IN1
4 IN1
3 IN1
7 TO1
B
GR
B
W
G
3
1
3
1
3
CLGB
ANTE7
CLGB
ANTE6
UL
E
2
N38
No. 3 Indoor Electrical Key Antenna Assembly
N10
No. 2 Indoor Electrical Key Antenna Assembly
T4
Luggage Door Opening Switch Assembly
W–B
W–B
T1

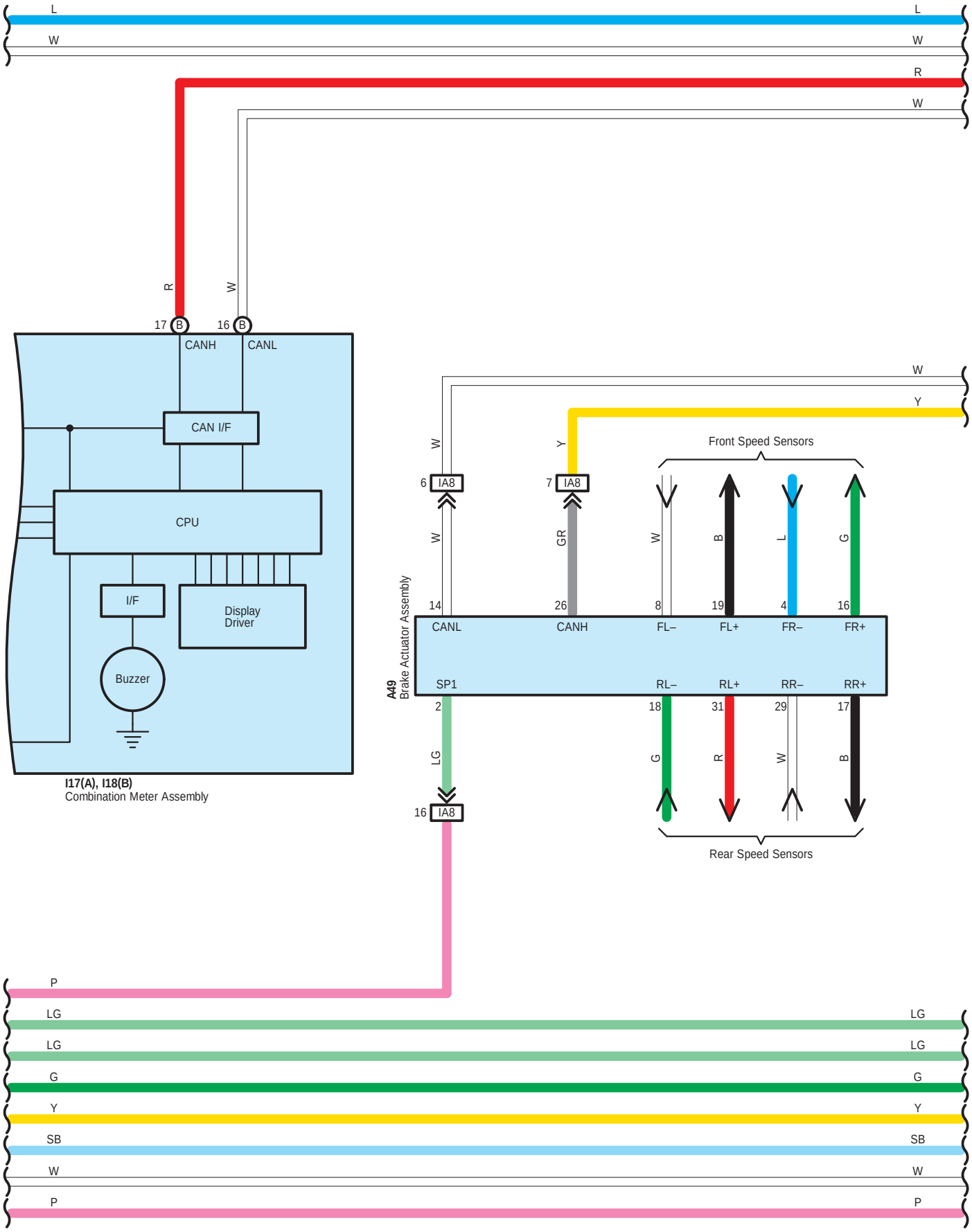

A43(A), I78(B), O1(C)
Certification ECU
RCO
RDAM
CSEL
E
STP1
5 C
17 C
6 C
11 A
18 A
G
Y
LG
W
V
(BAT)
7. 5A
STOP
2
30 3D
5 A
1 A
A71(A)
Junction
Connector
R
L
2
1
A33
Stop Light
Switch Assembly
4
5
2
+5
DATA
CSEL
GND
1
O25
Door Control Receiver
BR
W-B
O1
A1

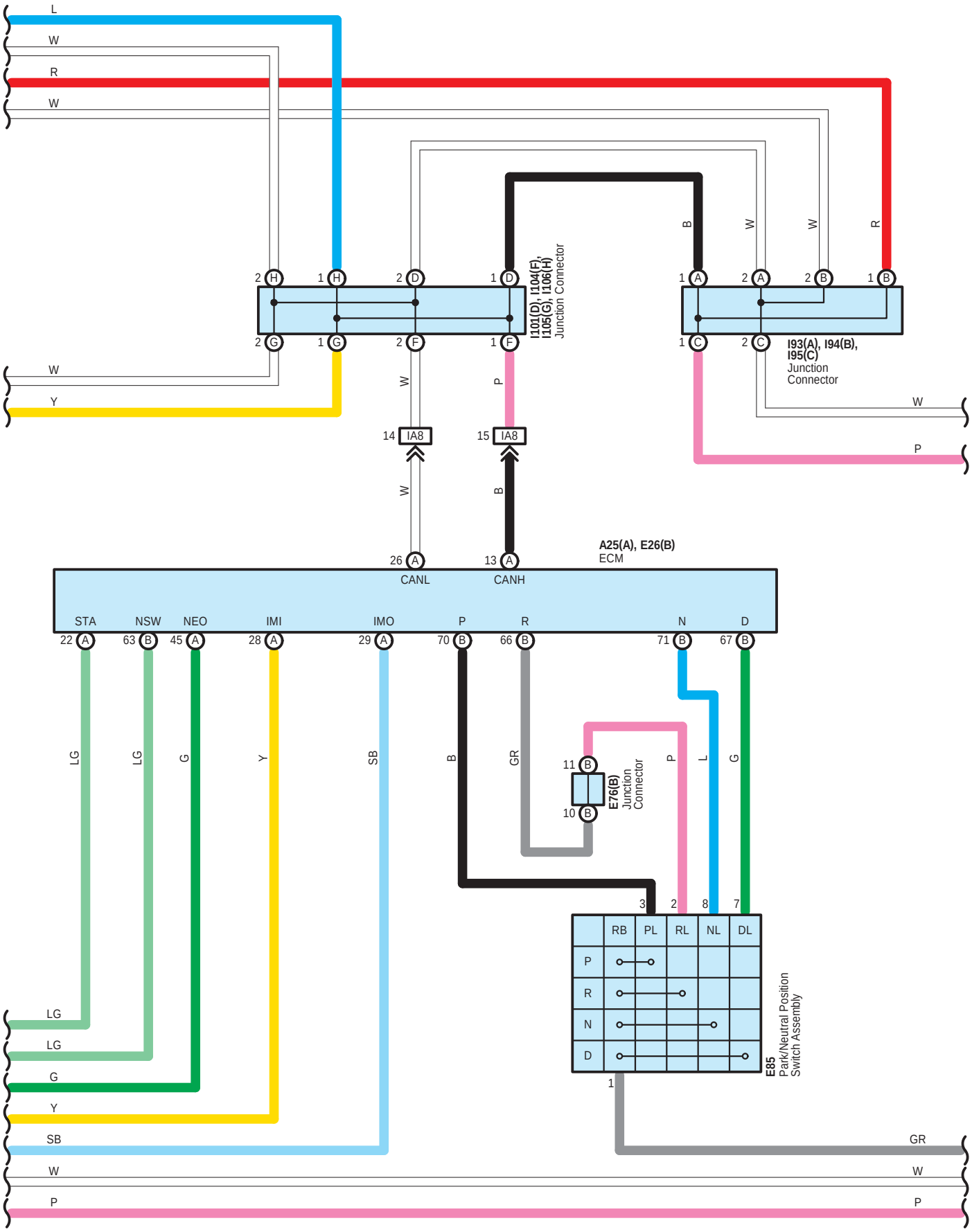

A43(A), I78(B), O1(C)
Certification ECU
SLP
LIN
SLR+
26 B
17 B
29 B
(IG)
7. 5A
ECU–IG2
NO. 3
2 1C
(BAT)
10A
STRG LOCK
2
1
B
B
V
9 IA4
12 IA4
P
V
SB
LG
B
4
5
3
6
7
SLP1
LIN
IGE
IG2
B
GND
I24
Steering Lock
Actuator Assembly
1
M
W–B
W–B
I3

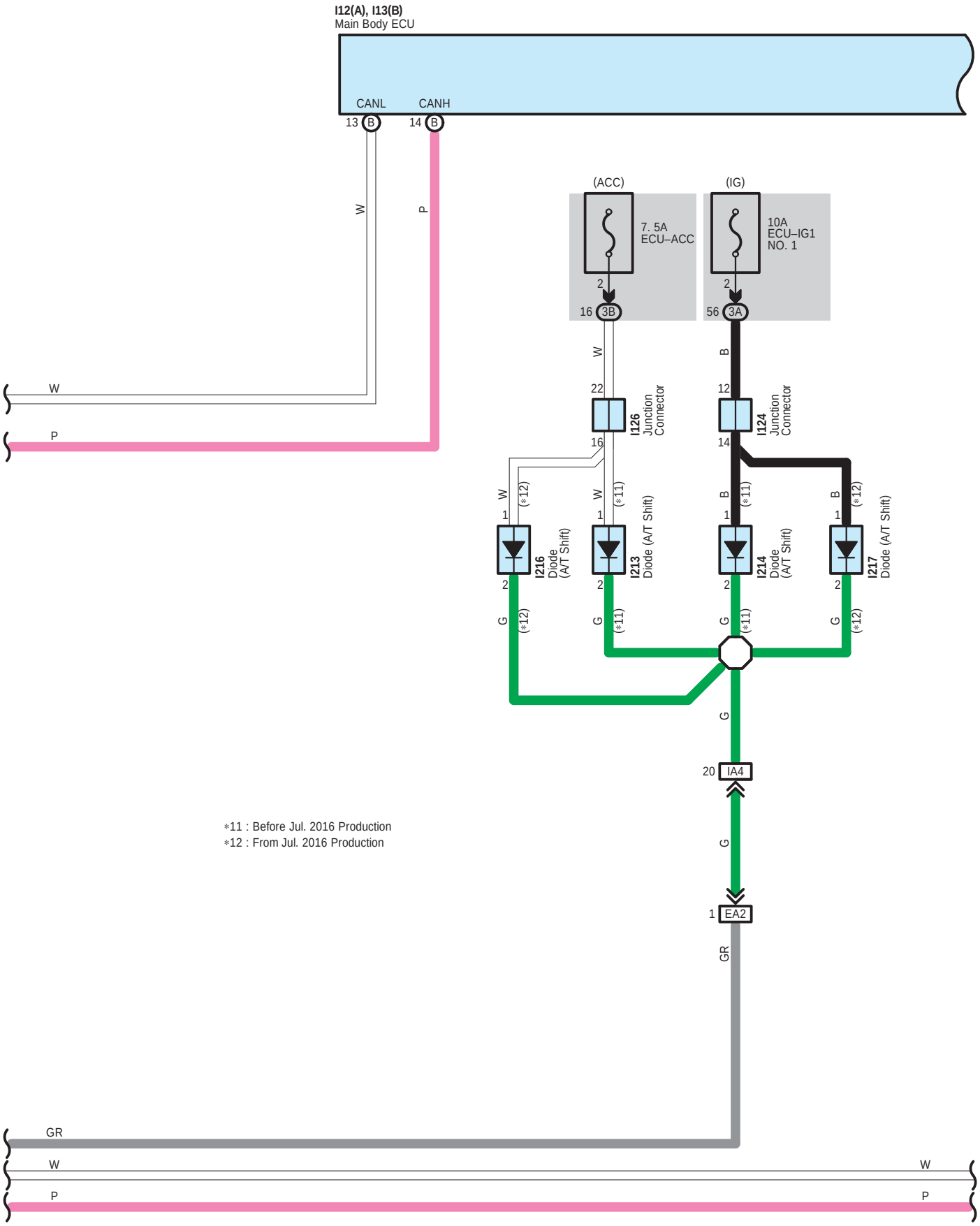

A43(A), I78(B), O1(C)
Certification ECU
STAR
STA
IG2D
5 A
7 A
9 A
(BAT)
30A
ST/AM2
(BAT)
25A
IG2–MAIN
R
2
1
P
V
G
G
B
8 1C
3 1D
A70(A), E76(B)
Junction
Connector
11 A
20 A
22 A
21 A
2 B
1 B
12 B
2
5
ST Relay
1
3
IG2
Relay
2 1E
LG
L
W
LG
9
B
L
P
N
4
E85
Park/Neutral Position
Switch Assembly
W–B
R
W
1 EA1
B
B
1 B
1 A
Battery
M
E9(A), F2(B)
Starter Assembly
LG
LG
W–B
A1

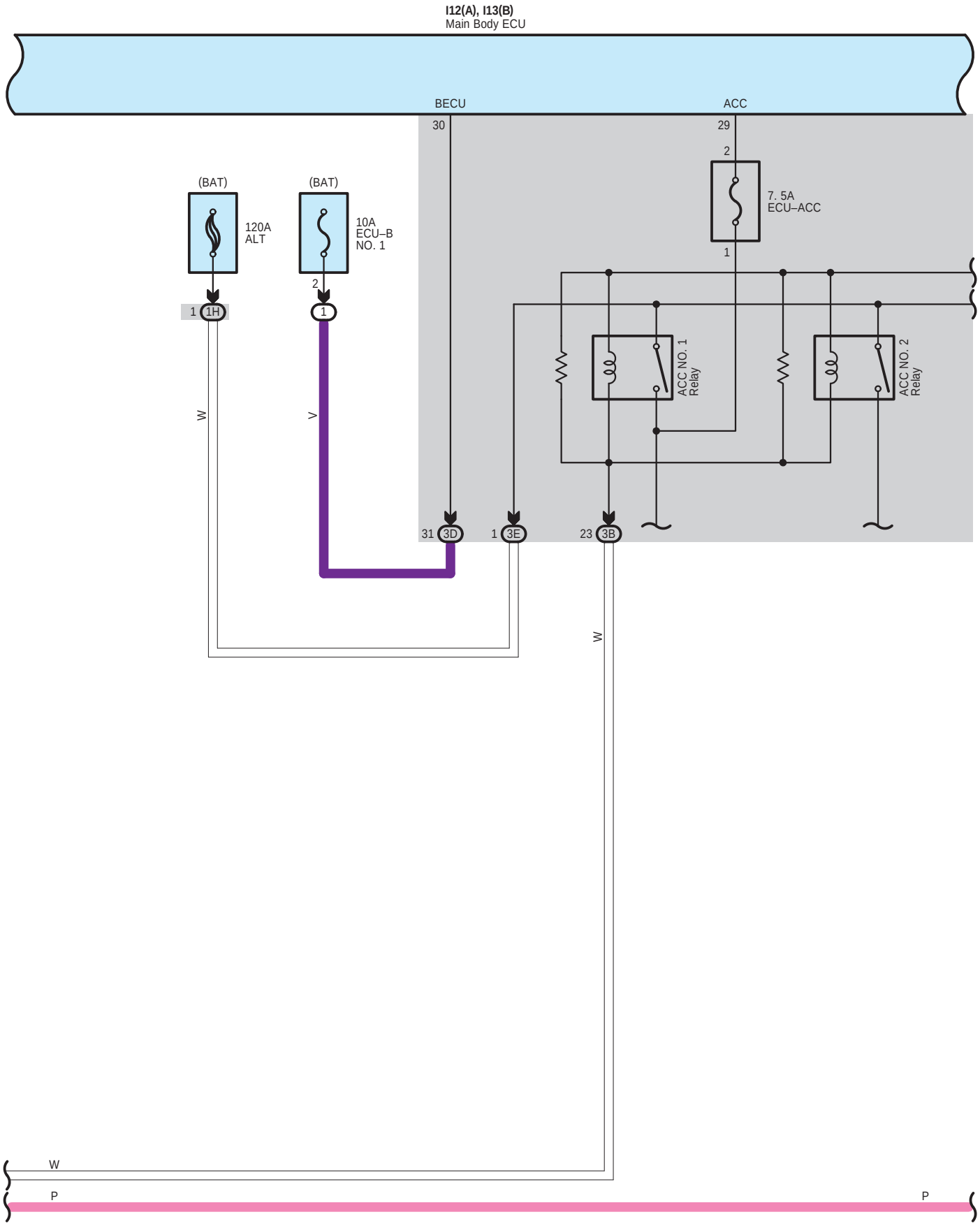

A43(A), I78(B), O1(C)
Certification ECU
EFII
EFIO
NE
IG1D
ACCD
SPD
CANL
CANH
14 A
13 A
16 A
6 B
4 B
27 B
15 B
14 B
SB
Y
G
P
W
V
W
L
L
W
21
18
I124
Junction Connector
V
LG
LG
V
LG
LG
G
Y
SB
W
P

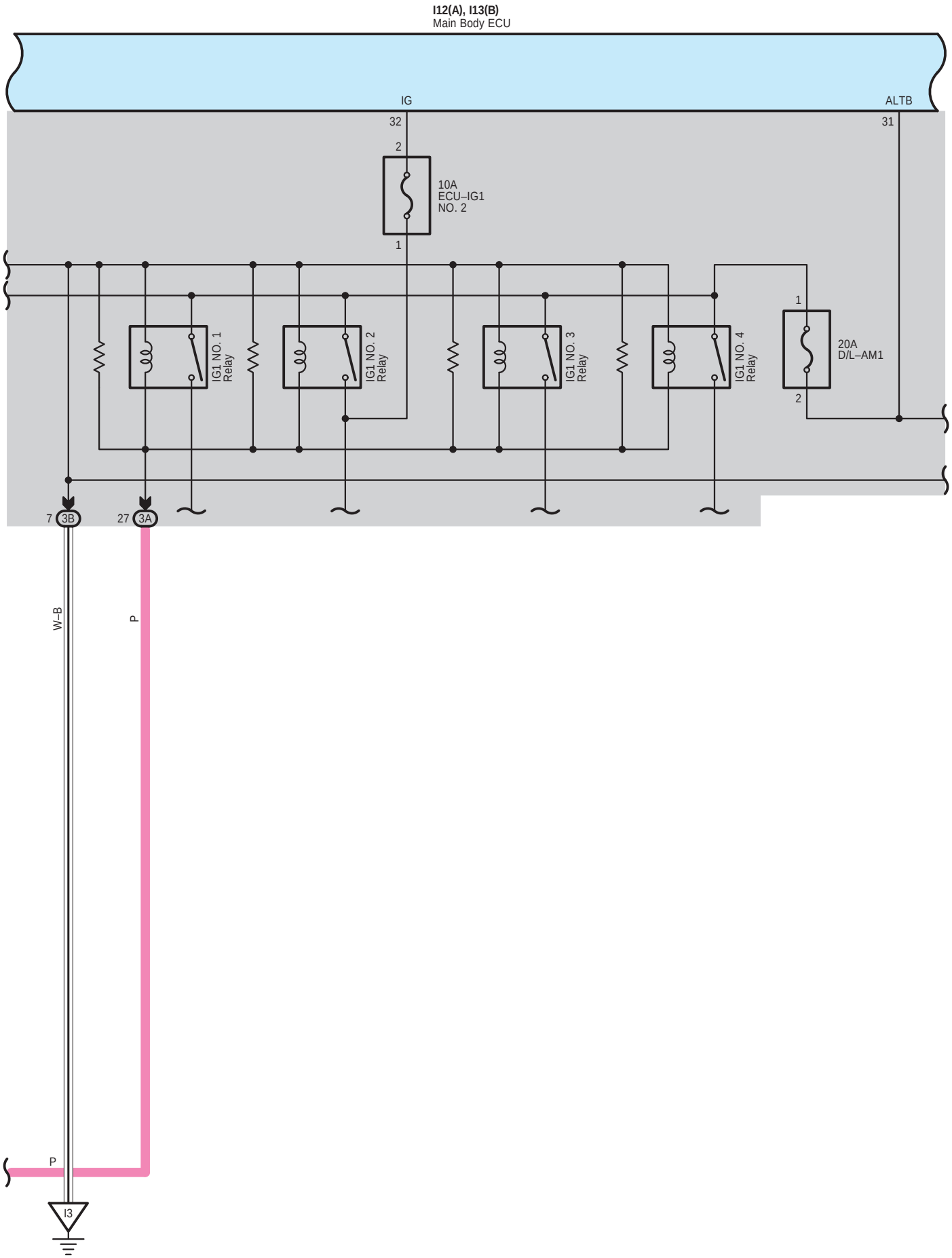

L
W
(IG)
5A METER–IG2
(BAT)
15A TURN&HAZ
(BAT)
10A ECU–B NO. 1
W
26 3B
31 3D
I125 Junction Connector
2 IA3
26 IA3
IG+
B
5V IC
Telltales
Flasher Circuit
LED Driver
ES
+S
LR
LL
SI
I17(A), I18(B)
Combination Meter Assembly
Front Turn Signal Light Assemblies
Outer Rear View Mirror Assemblies
Rear Combination Light Assemblies
I1

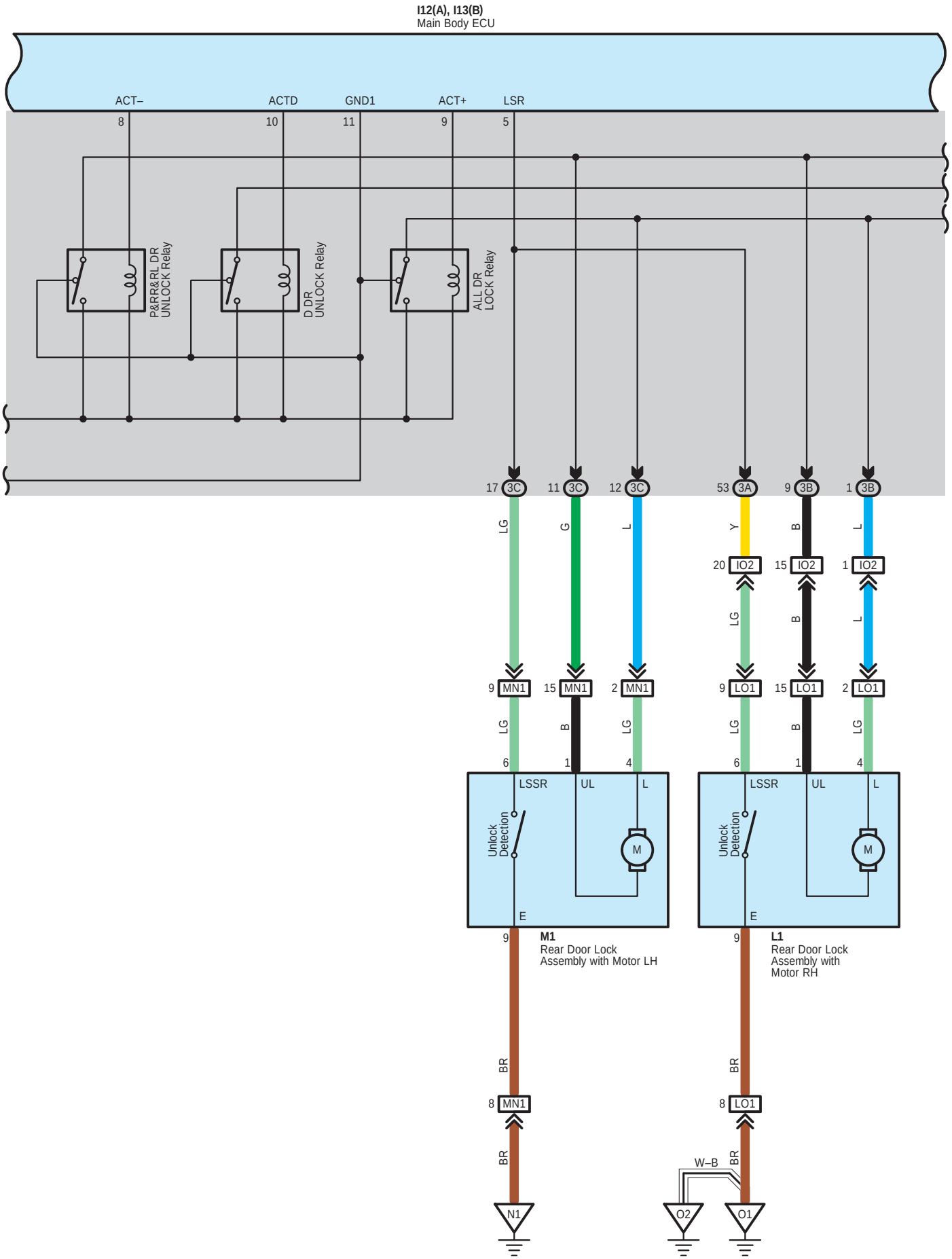

L
W
R
W
R
W
17 B
16 B
CANH
CANL
CAN I/F
CPU
I/F
Display Driver
Buzzer
I17(A), I18(B)
Combination Meter Assembly
W
Y
Front Speed Sensors
6 IA8
7 IA8
W
GR
W
B
L
G
14
26
8
19
4
16
CANL
CANH
FL–
FL+
FR–
FR+
A49
Brake Actuator Assembly
SP1
RL–
RL+
RR–
RR+
2
18
31
29
17
LG
G
R
W
B
16 IA8
Rear Speed Sensors
P
LG
LG
G
Y
SB
W
P

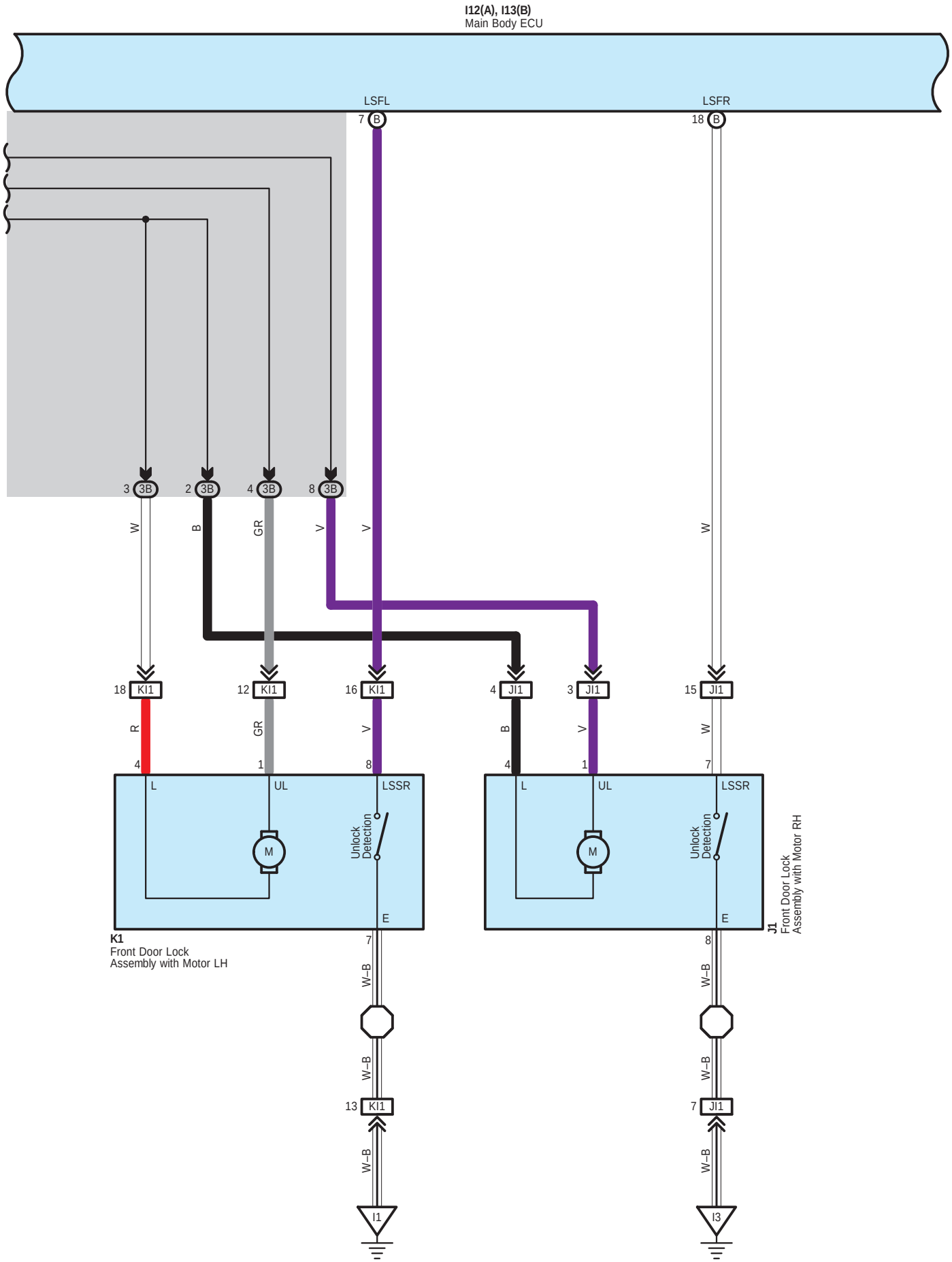

I101(D), I104(F), I105(G), I106(H) Junction Connector
I93(A), I94(B), I95(C) Junction Connector
IA8
A25(A), E26(B) ECM
CANL
CANH
STA
NSW
NEO
IMI
IMO
P
R
N
D
E76(B) Junction Connector
E85 Park/Neutral Position Switch Assembly
RB
PL
RL
NL
DL

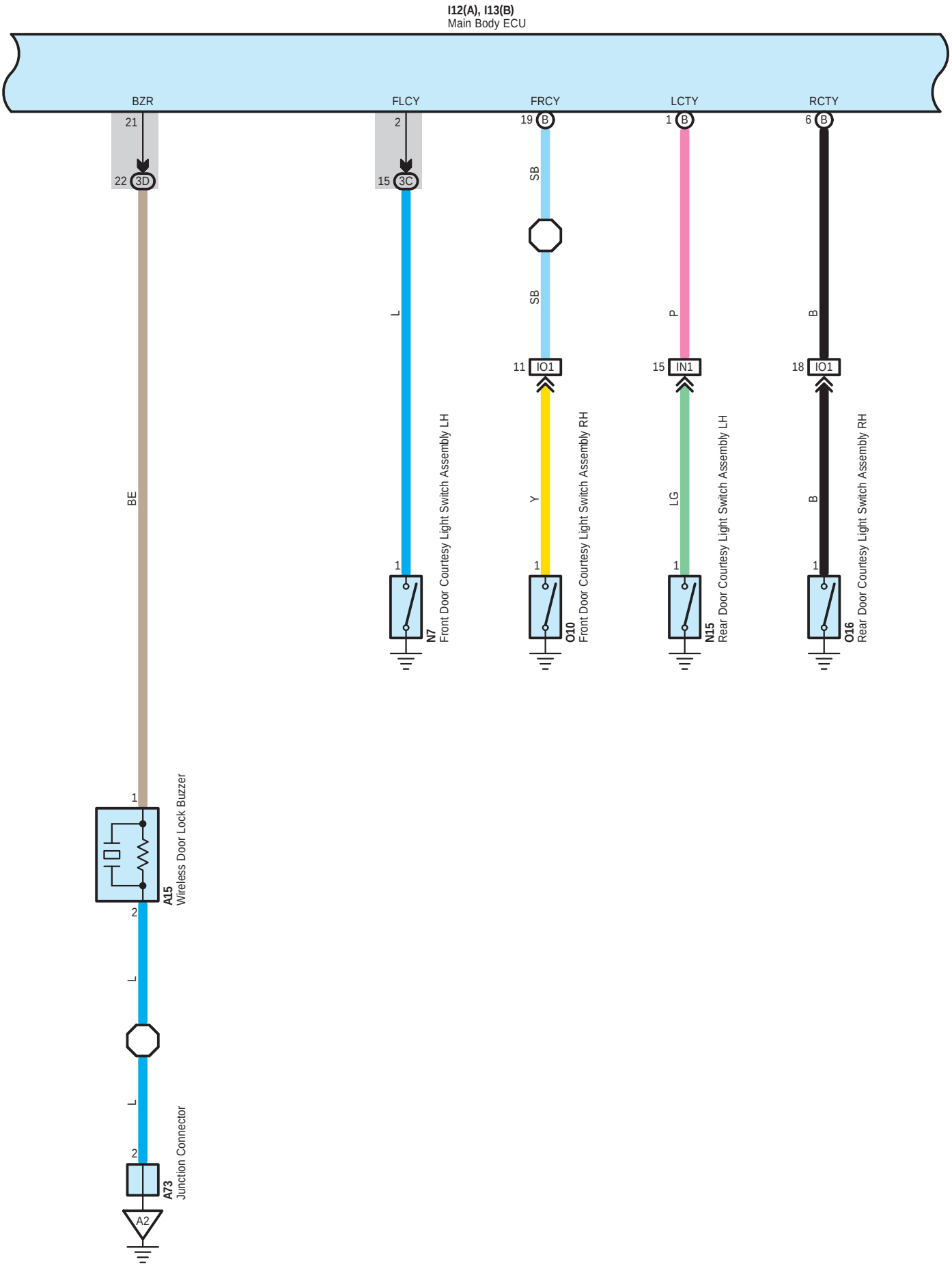

I12(A), I13(B)
Main Body ECU
CANL
CANH
13 B
14 B
W
P
(ACC)
(IG)
7. 5A
ECU–ACC
10A
ECU–IG1
NO. 1
2
16 3B
56 3A
22
12
I126
Junction
Connector
I124
Junction
Connector
16
14
1
I216
Diode
(A/T Shift)
I213
Diode (A/T Shift)
I214
Diode
(A/T Shift)
I217
Diode (A/T Shift)
(*11)
(*12)
G
B
20 IA4
1 EA2
GR
*11 : Before Jul. 2016 Production
*12 : From Jul. 2016 Production

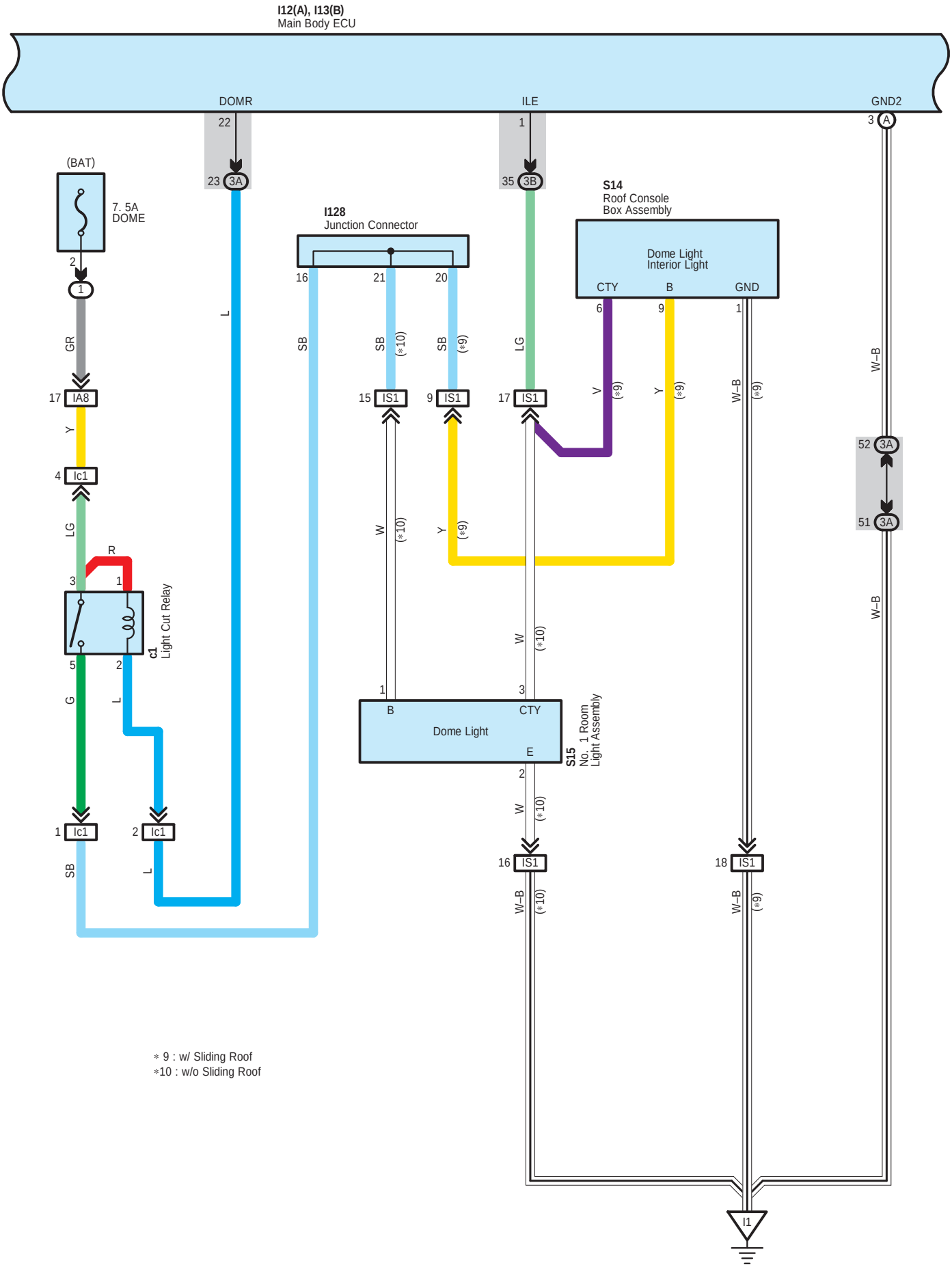

I12(A), I13(B)
Main Body ECU
BECU
ACC
30
29
2
7. 5A
ECU–ACC
1
(BAT)
120A
ALT
(BAT)
10A
ECU–B
NO. 1
2
1 1H
1
W
V
ACC NO. 1
Relay
ACC NO. 2
Relay
31 3D
1 3E
23 3B
W
W
P
P


I12(A), I13(B)
Main Body ECU
IG
32
ALTB
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

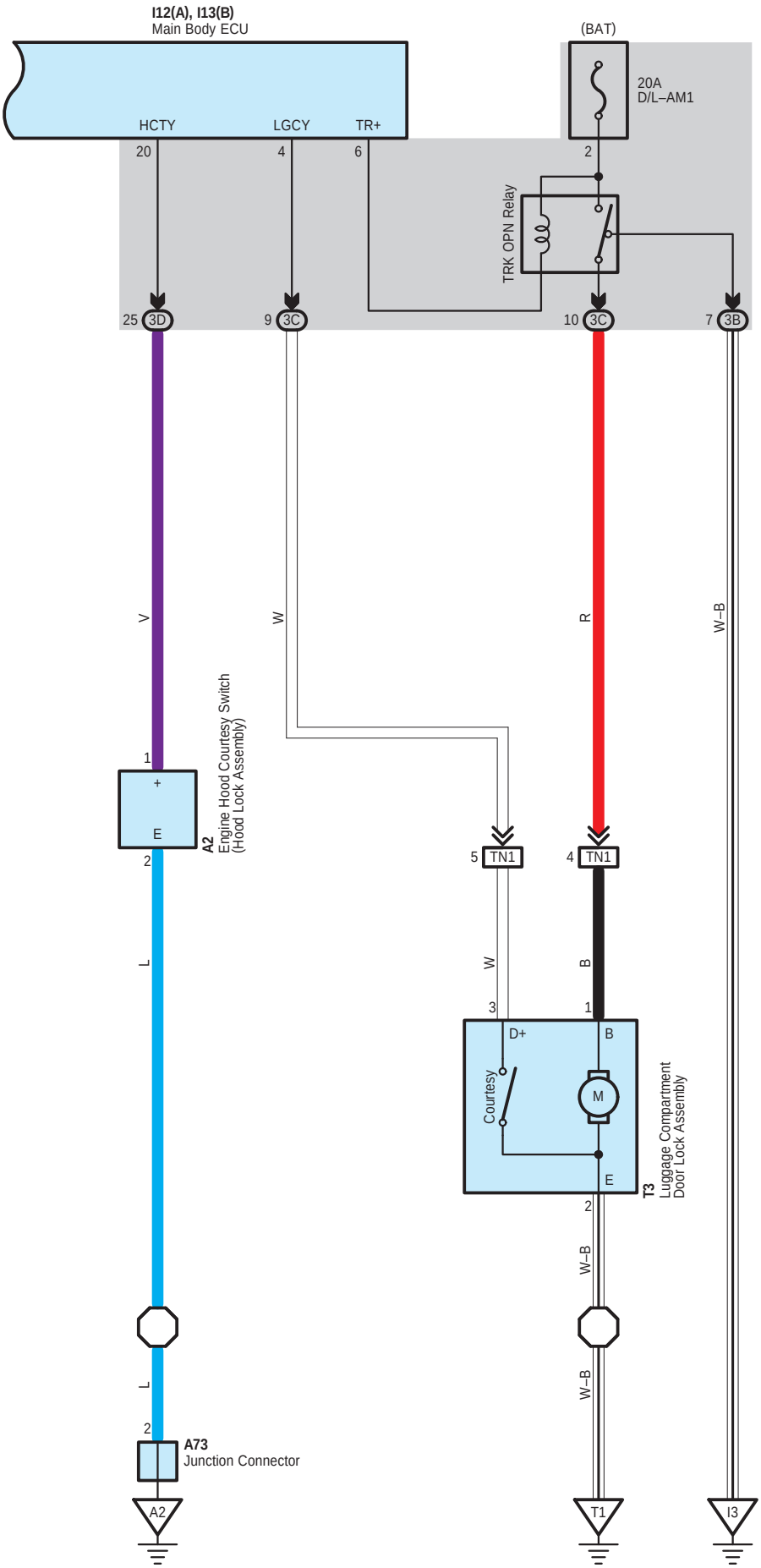

I12(A), I13(B)
Main Body ECU
ACT–
ACTD
GND1
ACT+
LSR
8
10
11
9
5
P&RR&RL DR UNLOCK Relay
D DR UNLOCK Relay
ALL DR LOCK Relay
17 3C
11 3C
12 3C
53 3A
9 3B
1 3B
LG
G
L
Y
B
L
20 IO2
15 IO2
1 IO2
LG
B
L
9 MN1
15 MN1
2 MN1
9 LO1
15 LO1
2 LO1
LG
B
LG
LG
B
LG
6
1
4
6
1
4
LSSR
UL
L
LSSR
UL
L
Unlock Detection
M
Unlock Detection
M
E
E
9
M1
Rear Door Lock Assembly with Motor LH
9
L1
Rear Door Lock Assembly with Motor RH
BR
BR
8 MN1
8 LO1
BR
W–B
BR
N1
O2
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
13 KI1
7 JI1
I1
I3

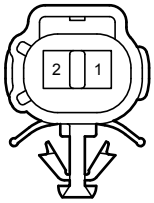

I12(A), I13(B)
Main Body ECU
BZR
FLCY
FRCY
LCTY
RCTY
21
22 3D
2
15 3C
19 B
1 B
6 B
SB
SB
L
P
B
11 IO1
15 IN1
18 IO1
BE
Y
LG
B
1
N7
Front Door Courtesy Light Switch Assembly LH
O10
Front Door Courtesy Light Switch Assembly RH
N15
Rear Door Courtesy Light Switch Assembly LH
O16
Rear Door Courtesy Light Switch Assembly RH
A15
Wireless Door Lock Buzzer
2
L
L
A73
Junction Connector
A2



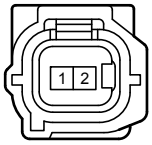
∗ 9 : w/ Sliding Roof
∗10 : w/o Sliding Roof


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
L
W
B
3
1
D+
B
Courtesy
M
E
T3
Luggage Compartment
Door Lock Assembly
2
W–B
W–B
L
2
A73
Junction Connector
A2
T1
I3

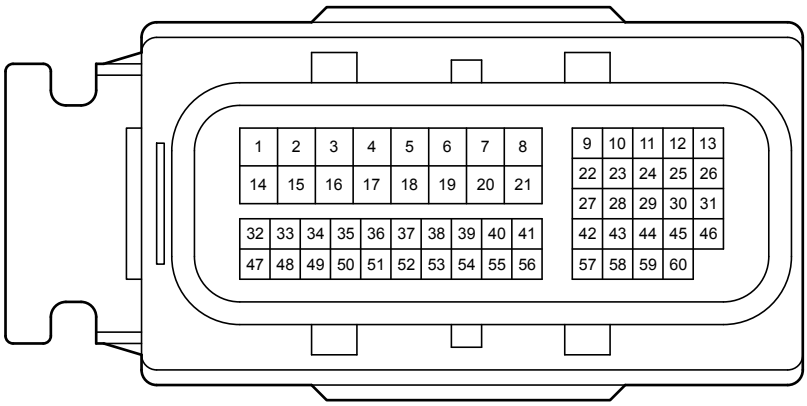
A 2
Black



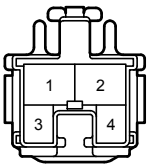
A 15
Gray



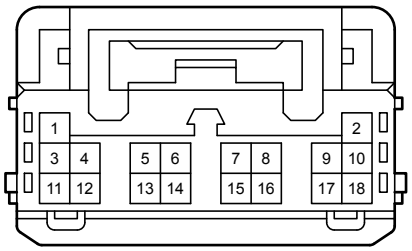
A 25
Black



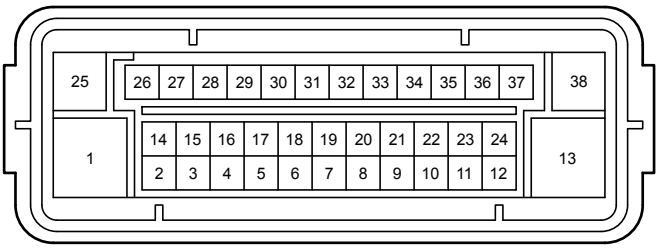
A 33
White



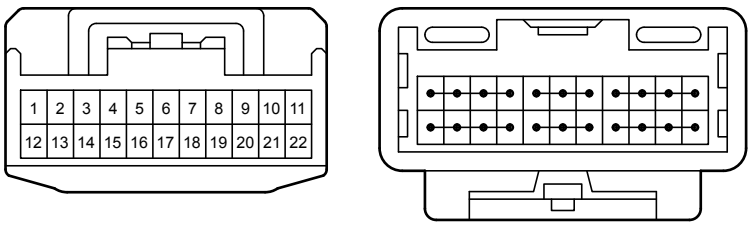
A 43
White



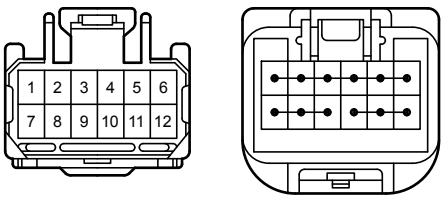
A 49
Black



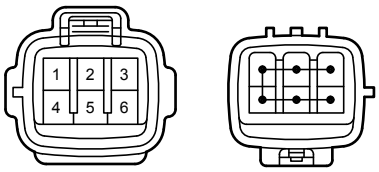
A 70
White



A 71
Gray



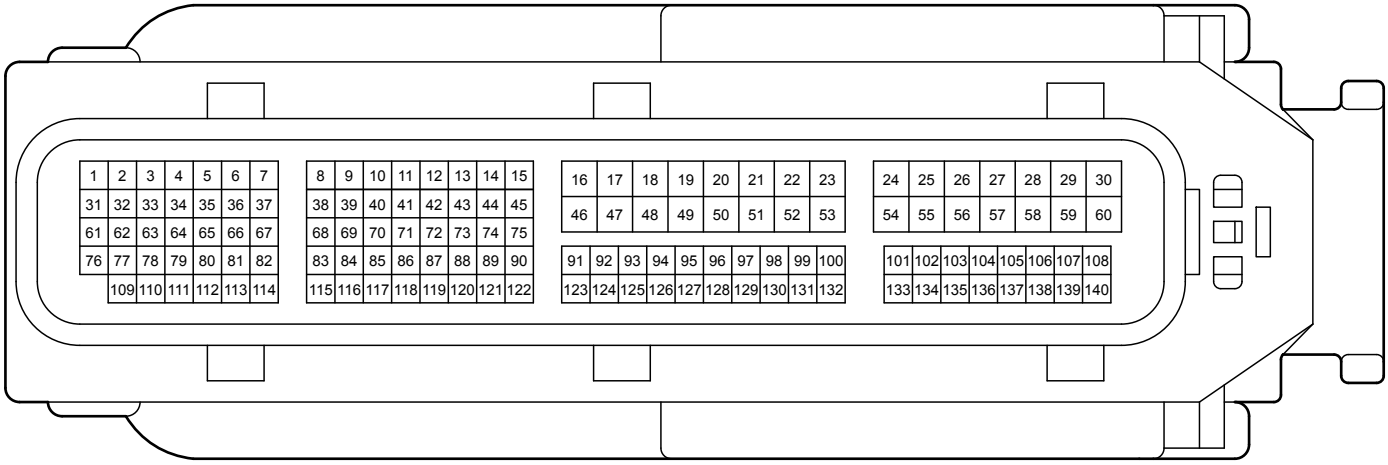
A 73
Gray



E 9
Black

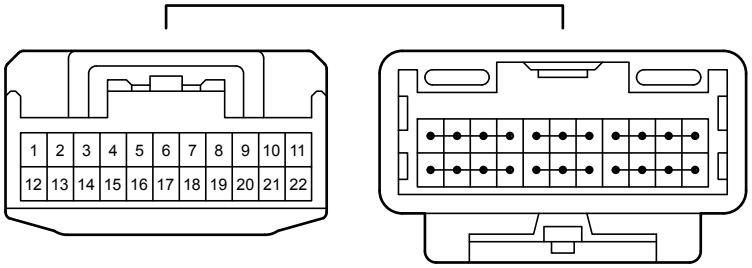
E 26

Black



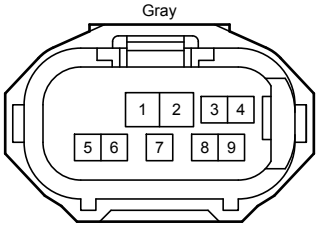
E 76

White

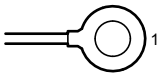


E 85

Gray

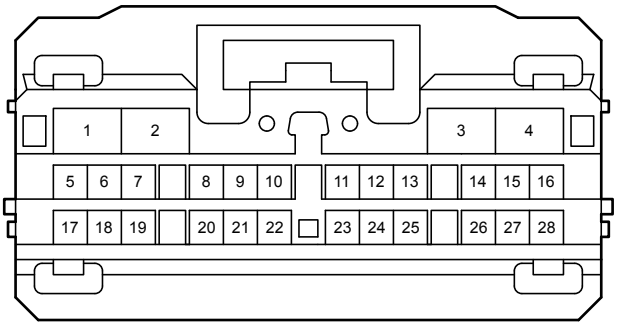


F 2



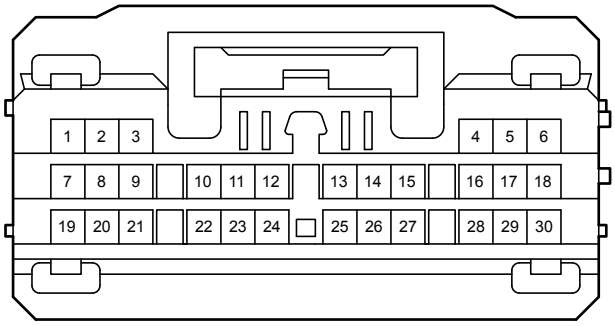
I 12

White



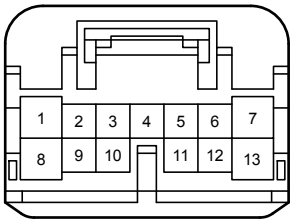
I 13

White

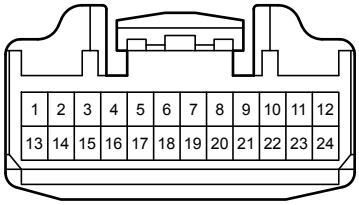


I 17

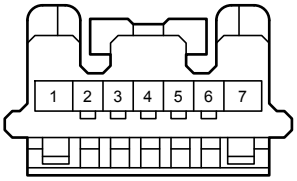
Black



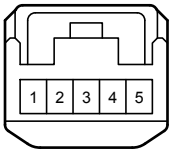
I 18
Black



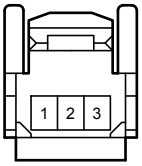
I 24
Black



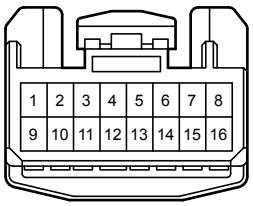
I 42
White



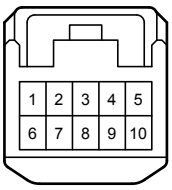
I 46
White



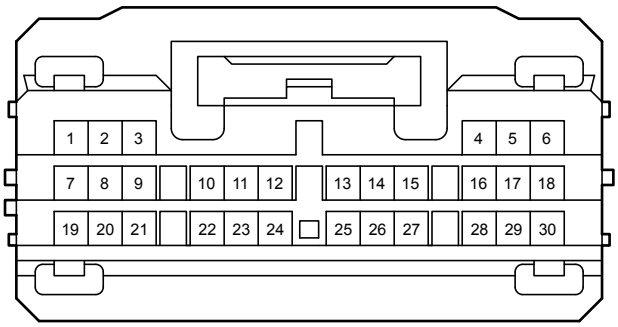
I 56
Black



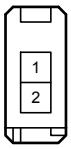
I 58
Black



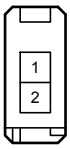
I 78
White



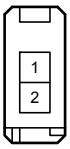
I 93
White



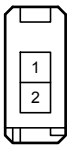
I 94
White



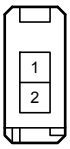
I 95
White



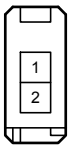
I101
White



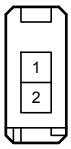
I104
White



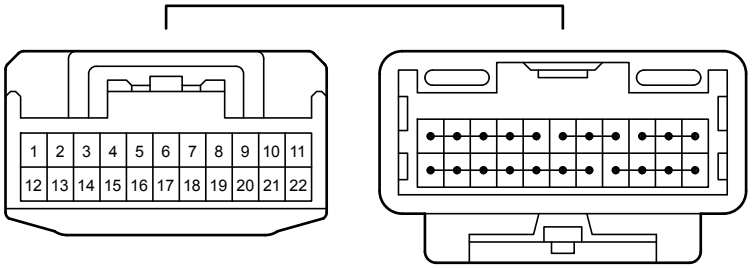
I105
White



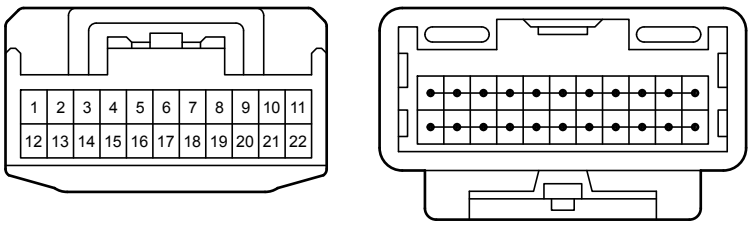
I106
White



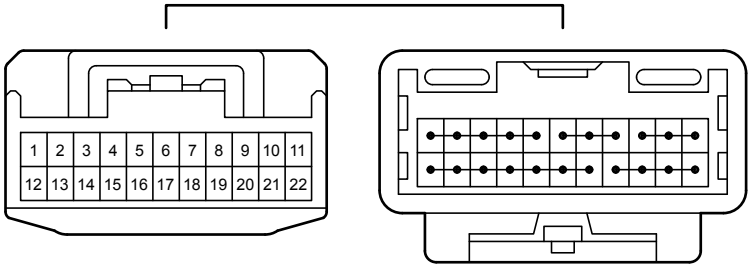
I124
White



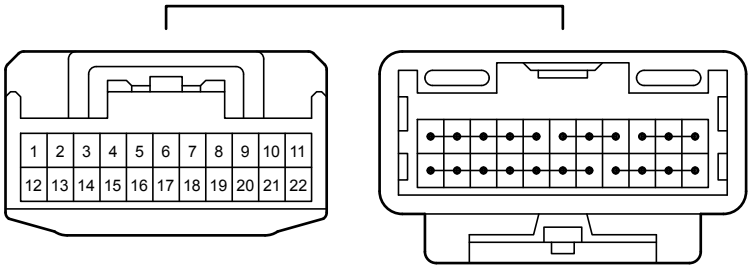
I125
Gray



I126
White



I128
White



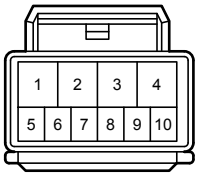
I213
Gray

I214
Gray

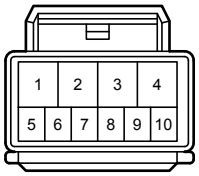
I216
Gray

I217
Gray

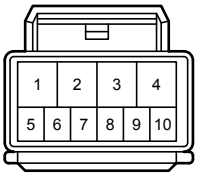
J 1
White



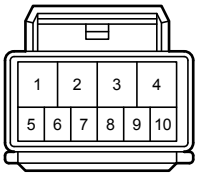
K 1
White



L 1
White

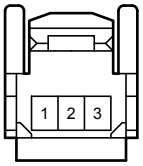


M 1
White



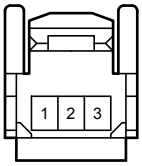
N 7
Black

N 10
White

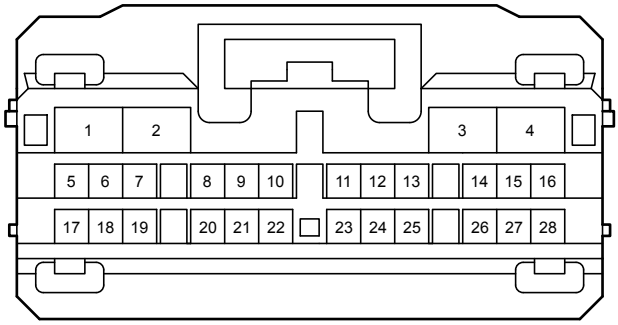


N 15
Black

N 38
Black



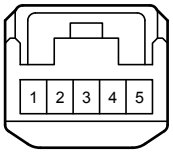
O 1
White

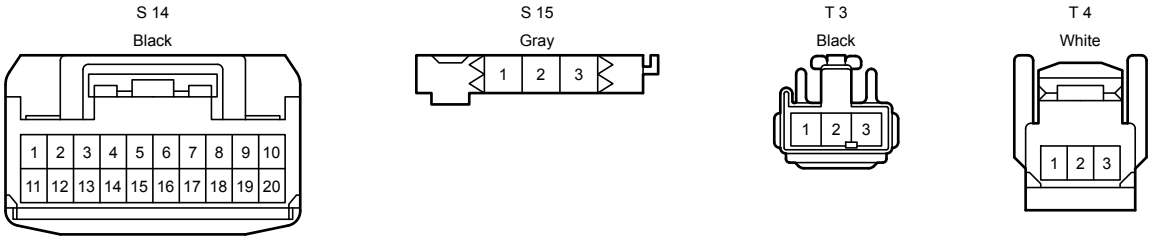


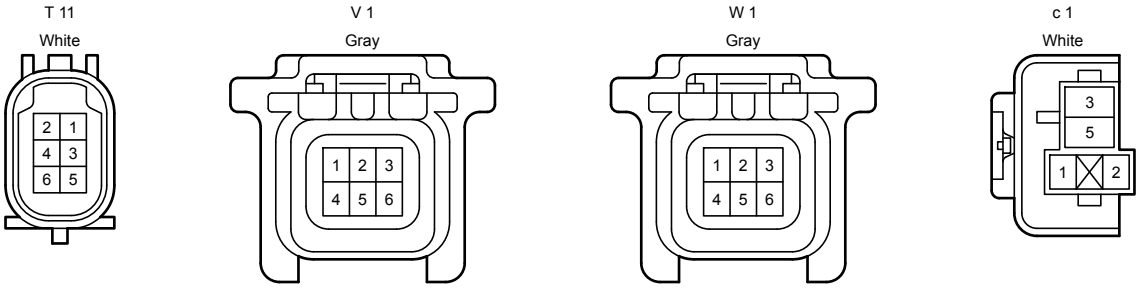
O 10
Black

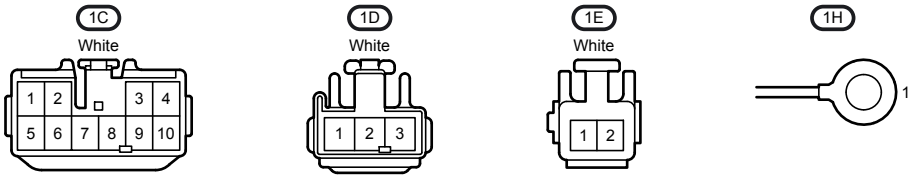
O 16
Black

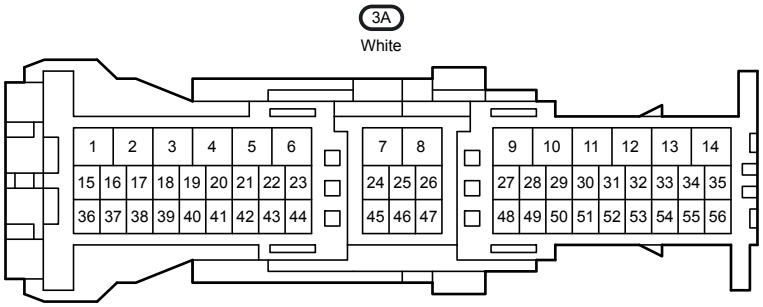
O 25
White

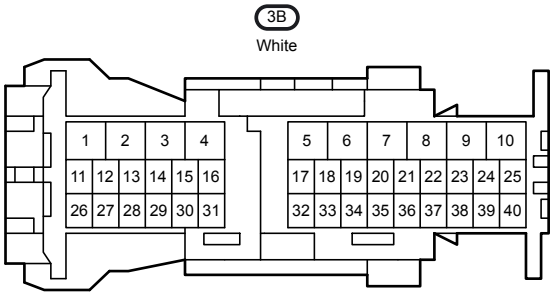


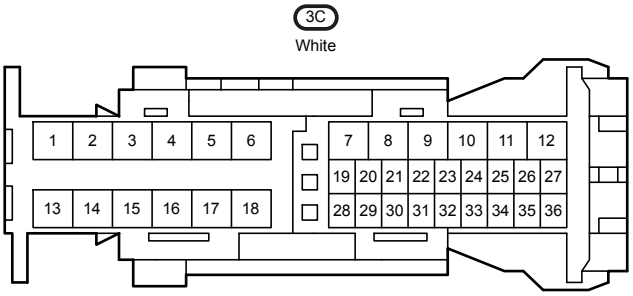

S 14
Black
S 15
Gray
T 3
Black
T 4
White

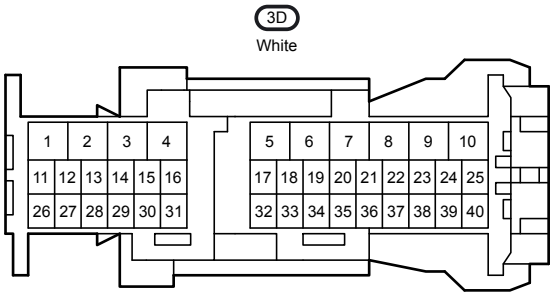

T 11
White
V 1
Gray
W 1
Gray
c 1
White

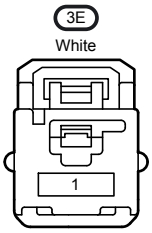

1C
White
1D
White
1E
White
1H

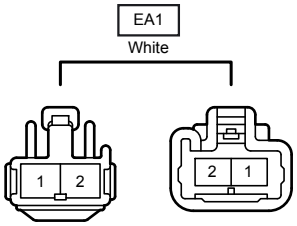

3A
White


3B
White

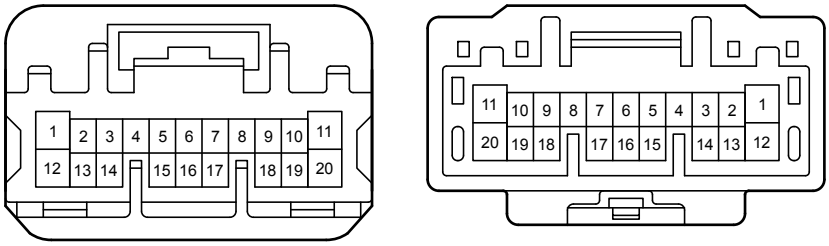

3C
White


3D
White

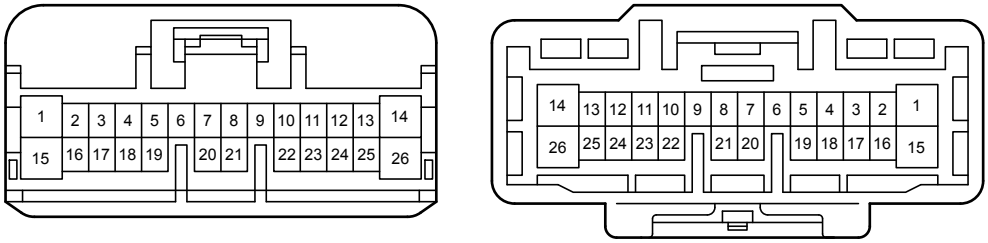

3E
White


EA1
White

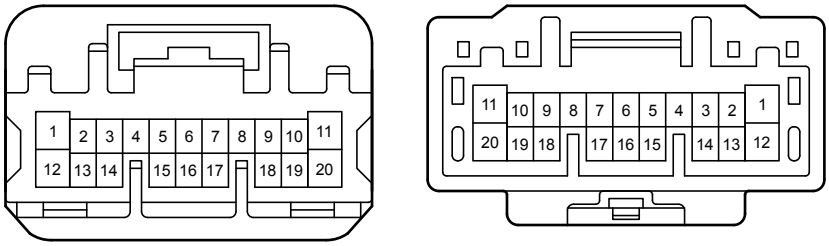
EA2
White



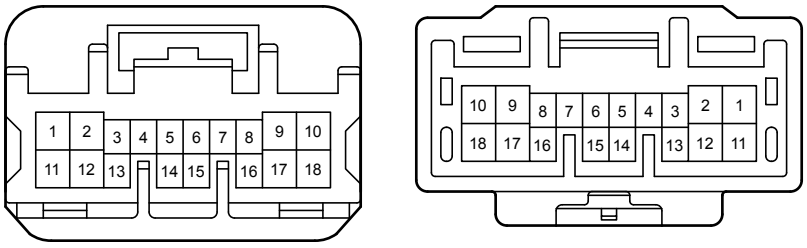
IA3
Blue



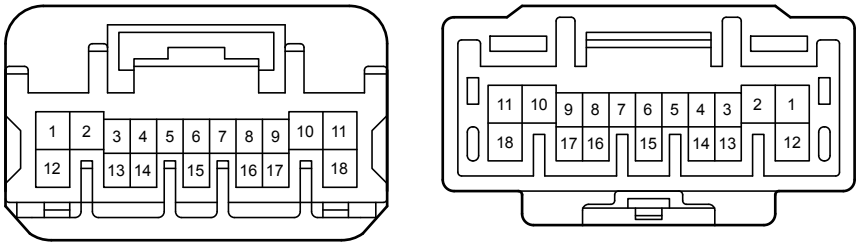
IA4
Gray



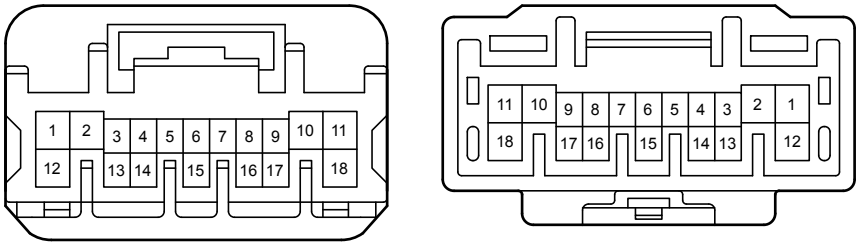
IA8
Gray



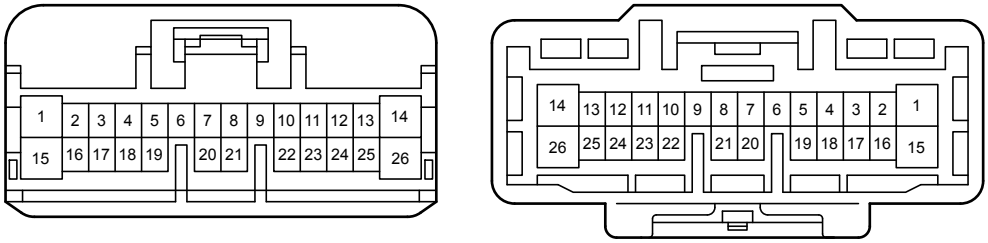
IN1
White



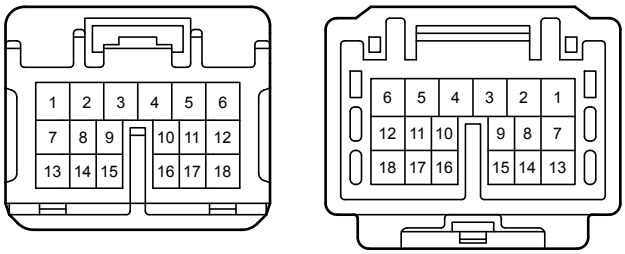
IO1
White



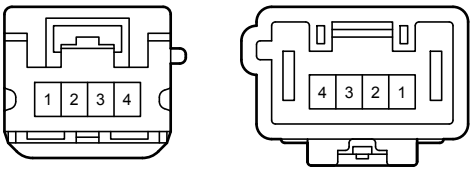
IO2
White



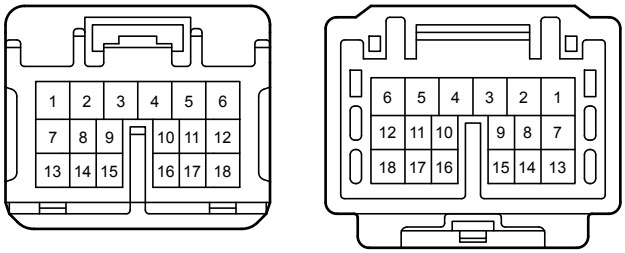
IS1
White



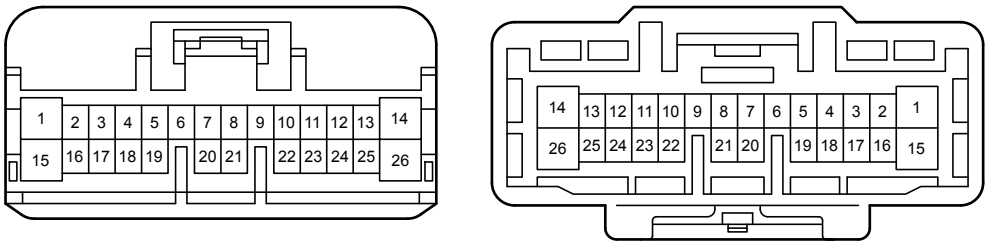
Ic1
White



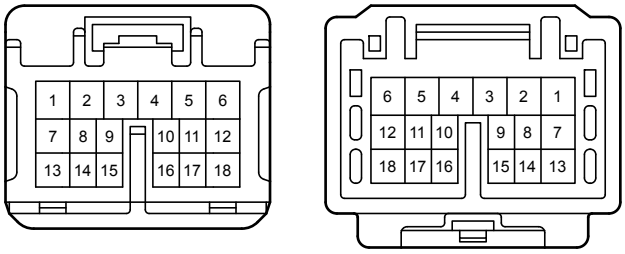
JI1
Gray



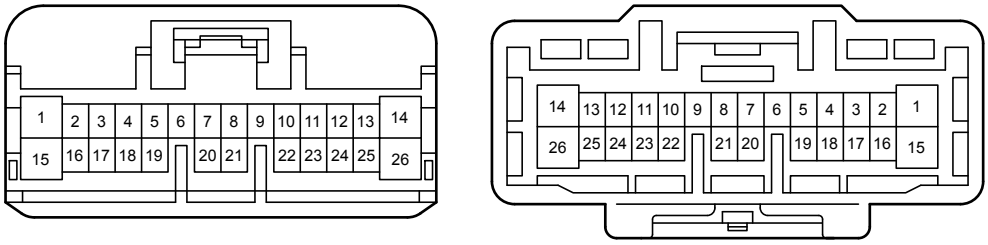
JI2
Blue



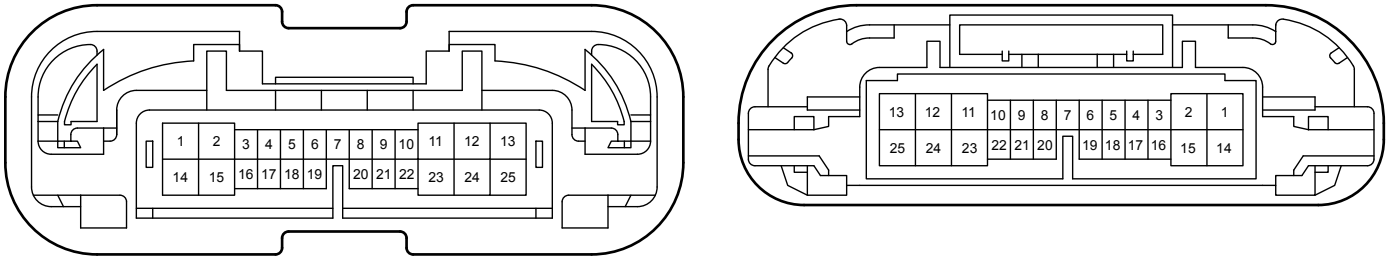
KI1
White



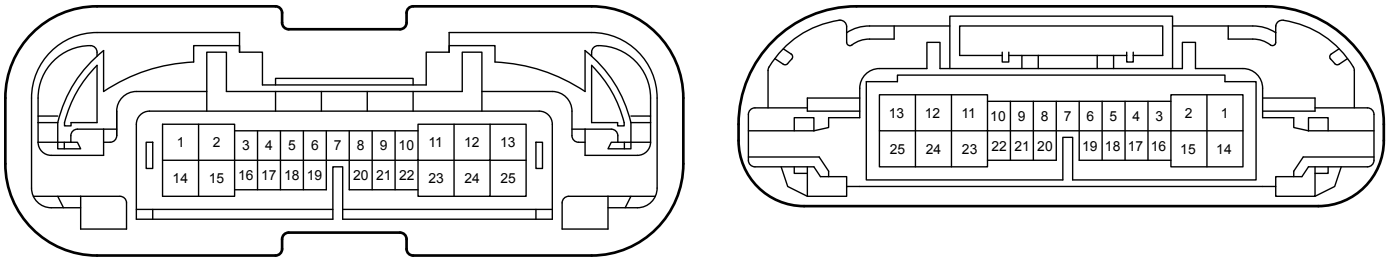
KI2
White

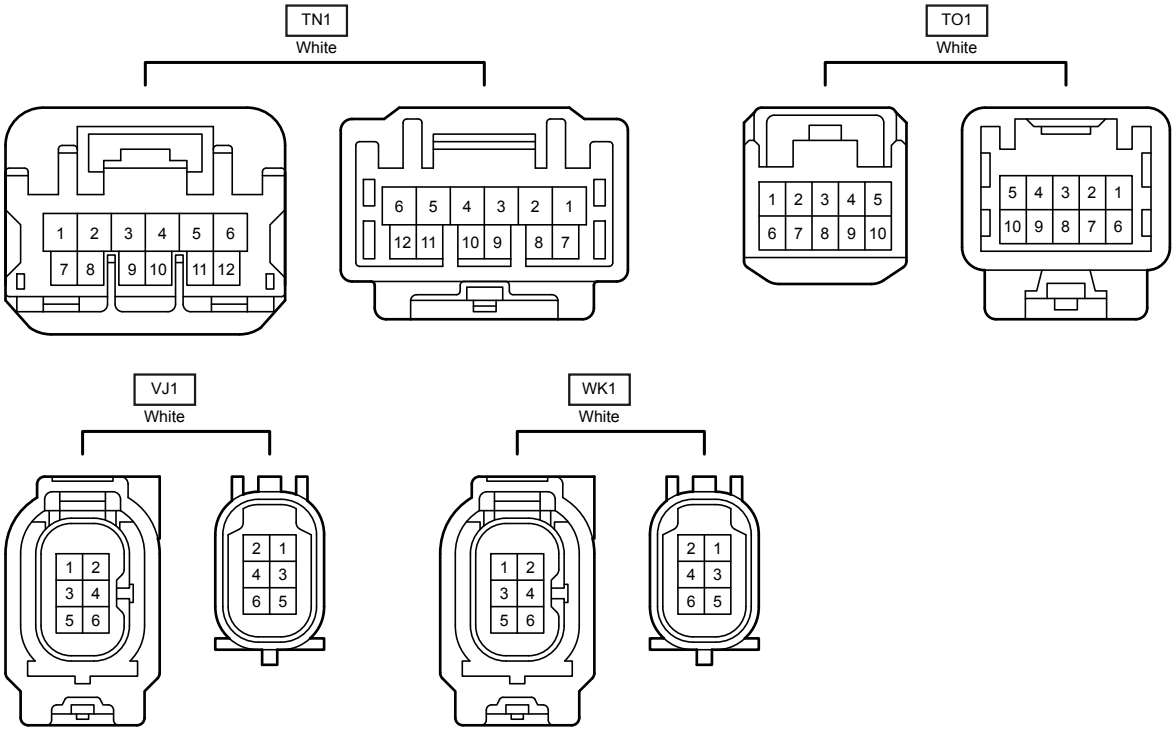


LO1
White



MN1
White




TN1
White
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
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