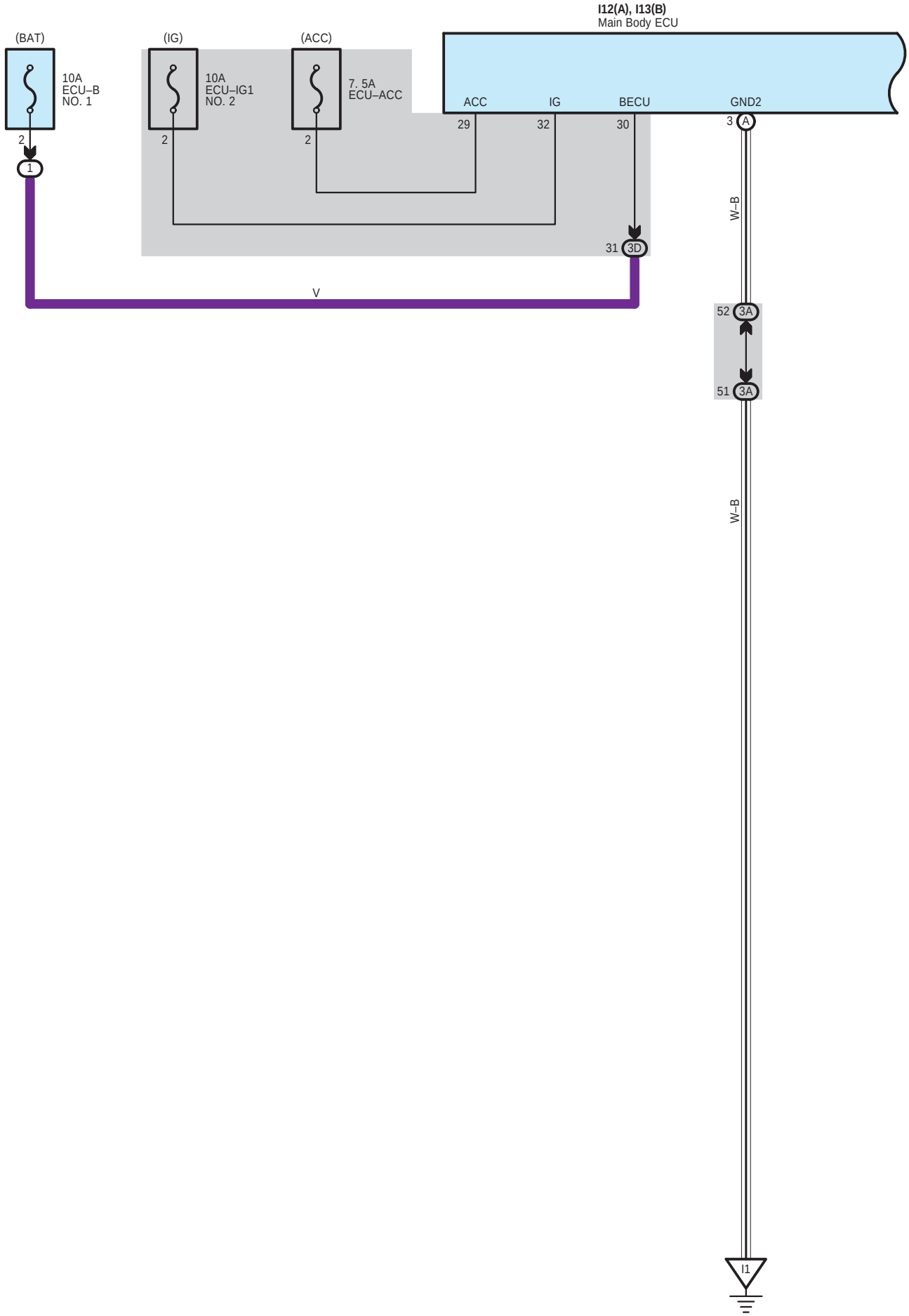
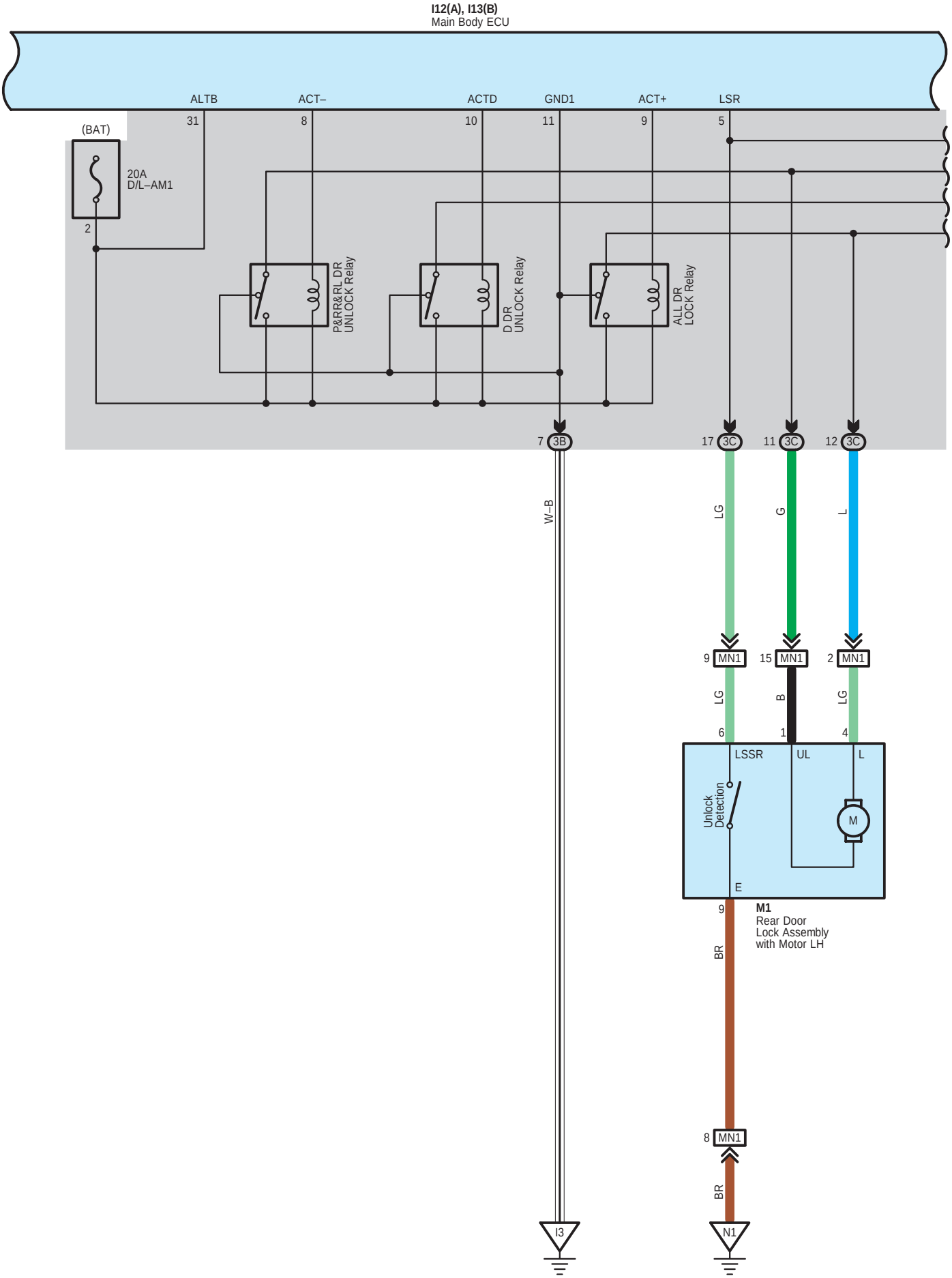
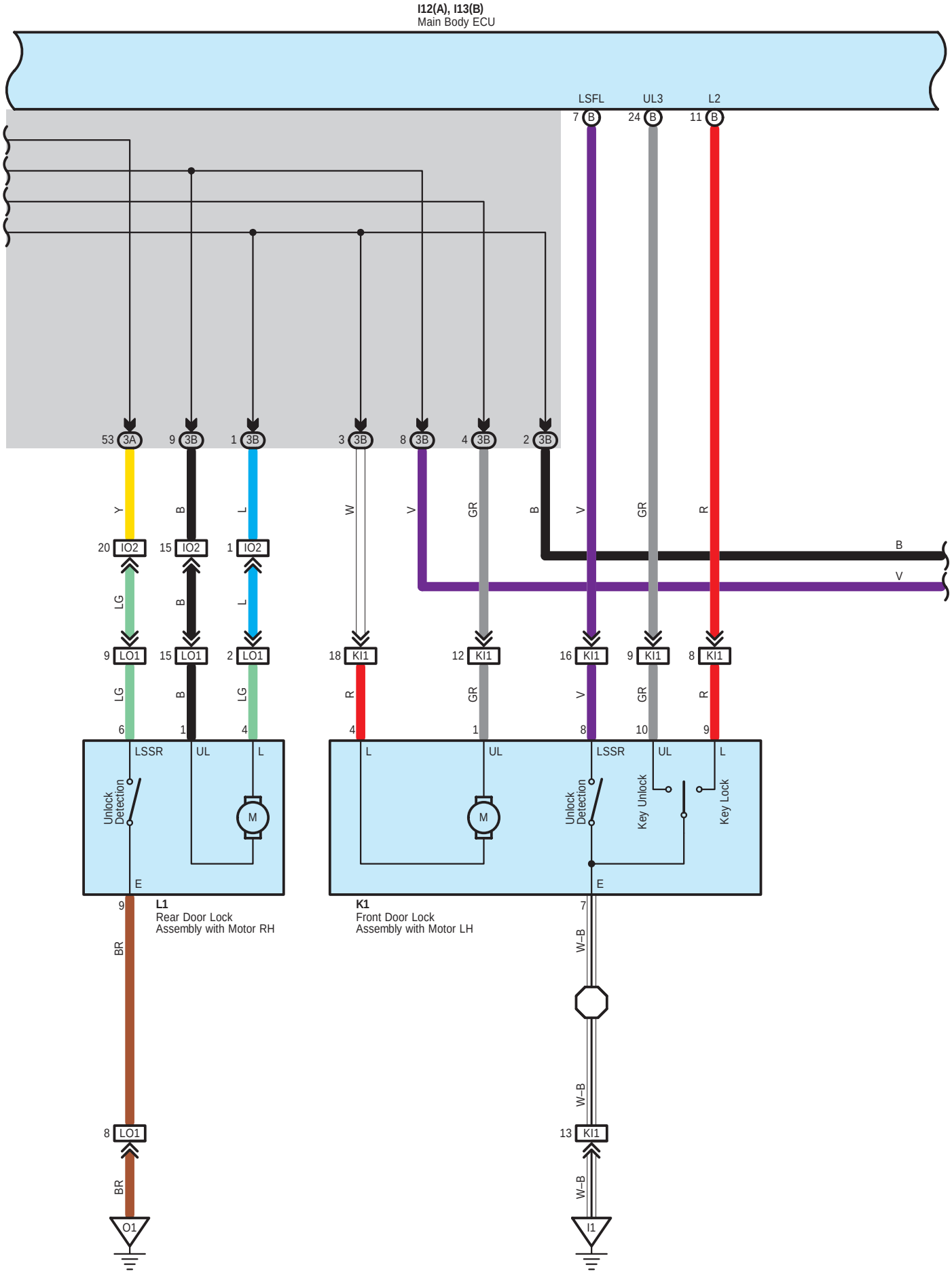
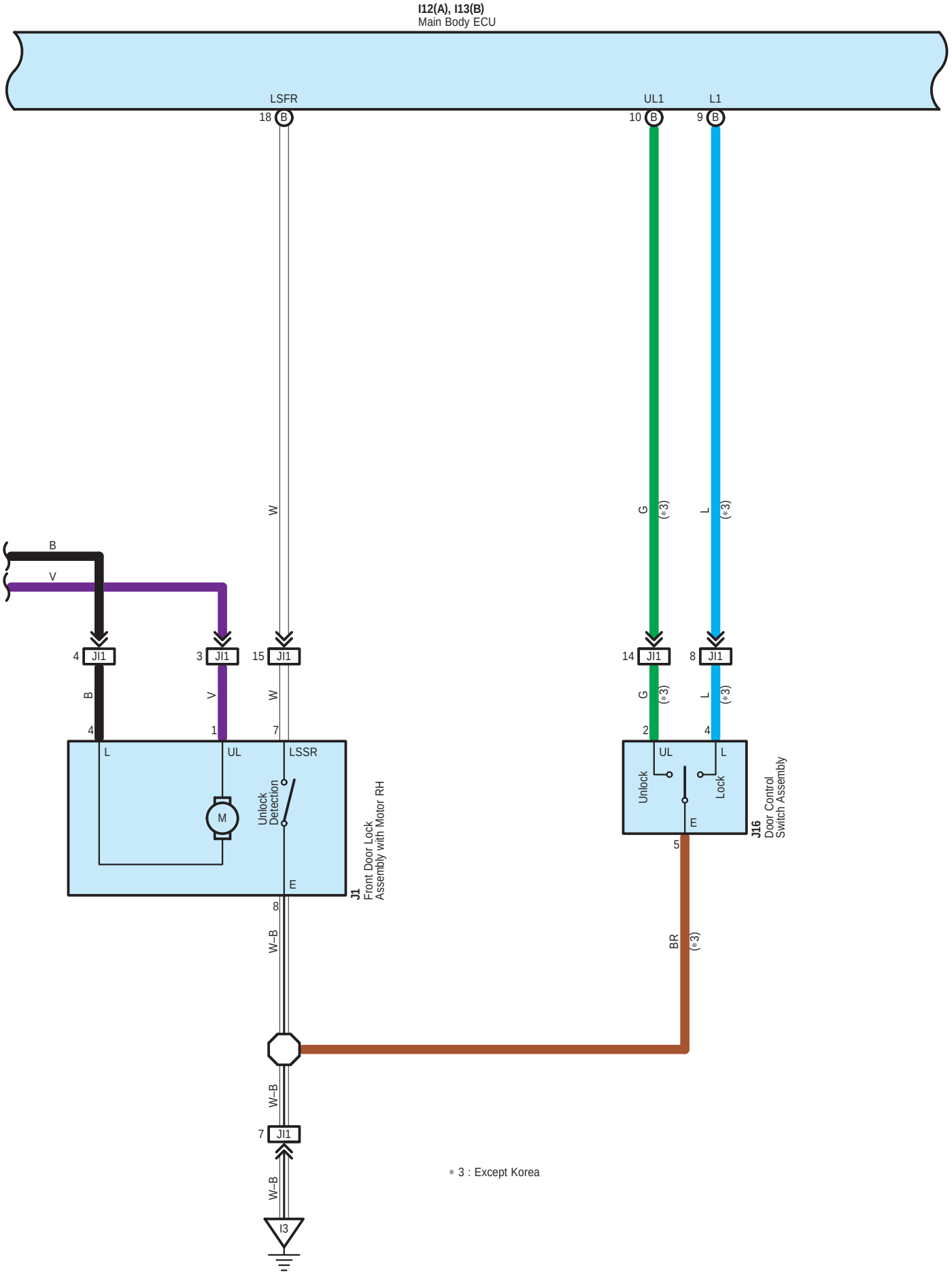
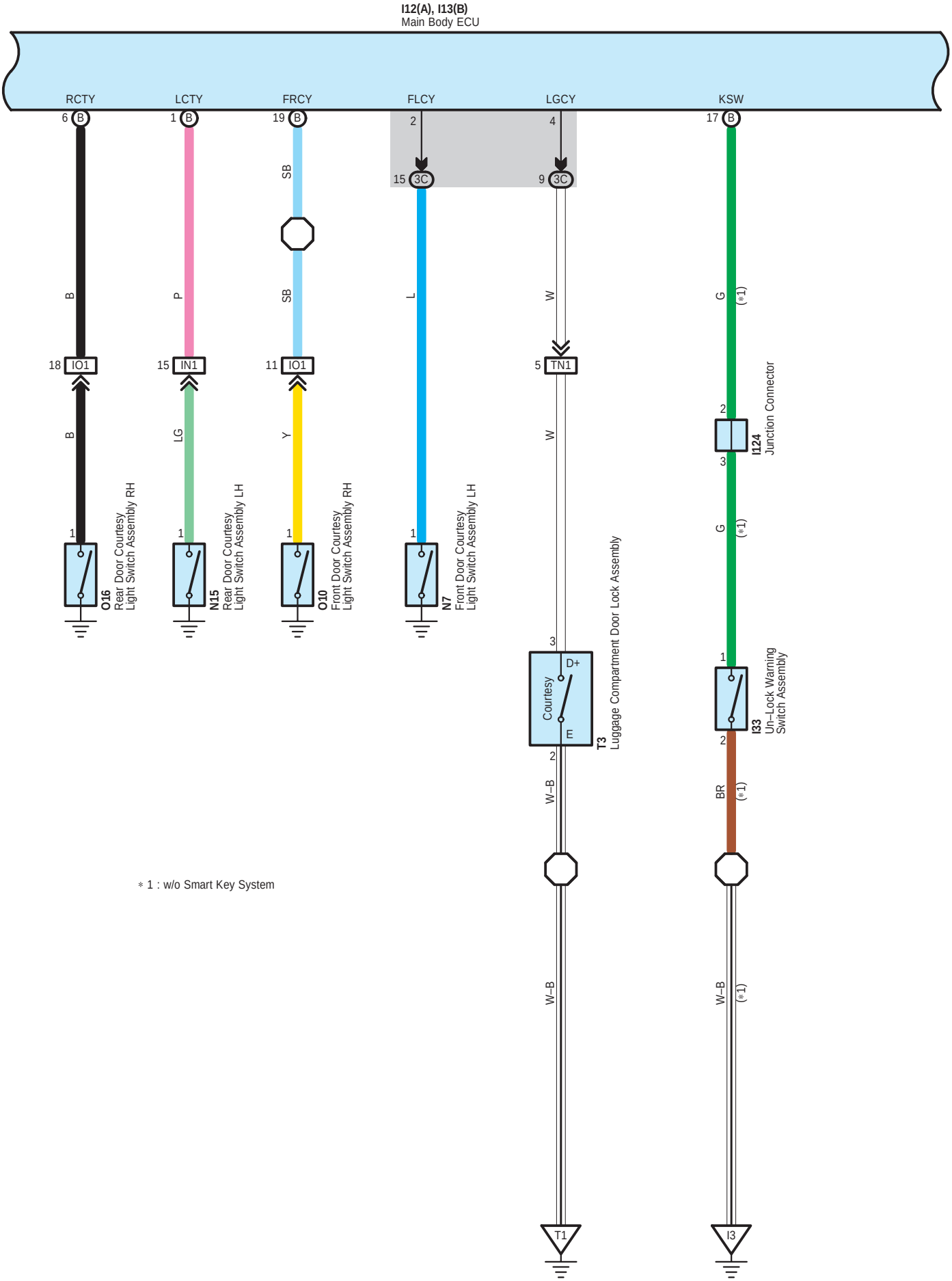

I12(A), I13(B)
Main Body ECU
(BAT)
10A
ECU–B
NO. 1
(IG)
10A
ECU–IG1
NO. 2
(ACC)
7. 5A
ECU–ACC
ACC
IG
BECU
GND2
29
32
30
3
A
2
1
2
2
31
3D
V
W–B
52
3A
51
3A
W–B
I1


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

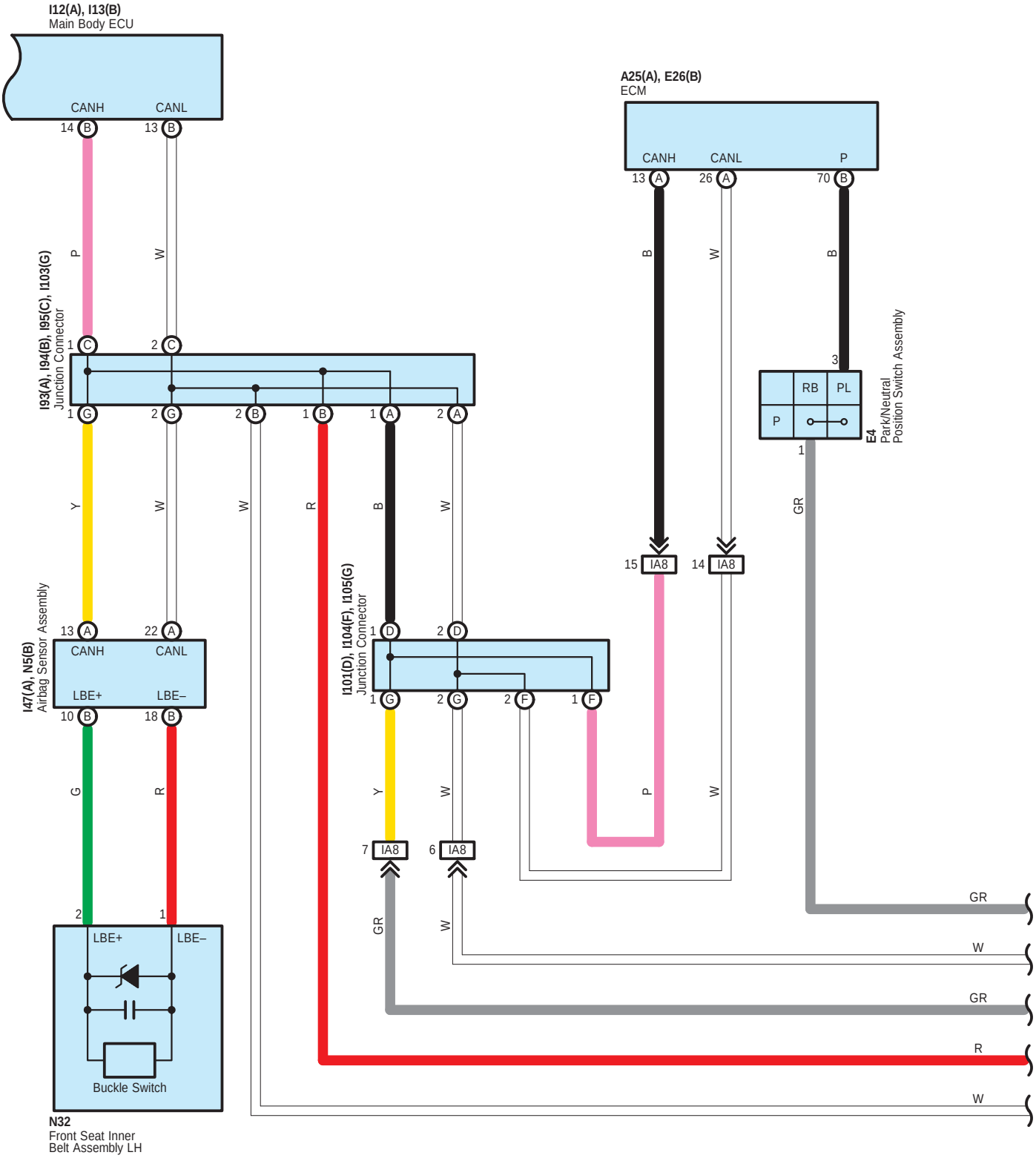

I12(A), I13(B)
Main Body ECU
LSFL
UL3
L2
7 B
24 B
11 B
53 3A
9 3B
1 3B
3 3B
8 3B
4 3B
2 3B
Y
B
L
W
V
GR
B
V
GR
R
B
V
20 IO2
15 IO2
1 IO2
LG
B
L
9 LO1
15 LO1
2 LO1
18 KI1
12 KI1
16 KI1
9 KI1
8 KI1
LG
B
LG
R
GR
V
GR
R
6
1
4
4
1
8
10
9
LSSR
UL
L
L
UL
LSSR
UL
L
Unlock Detection
M
M
Unlock Detection
Key Unlock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

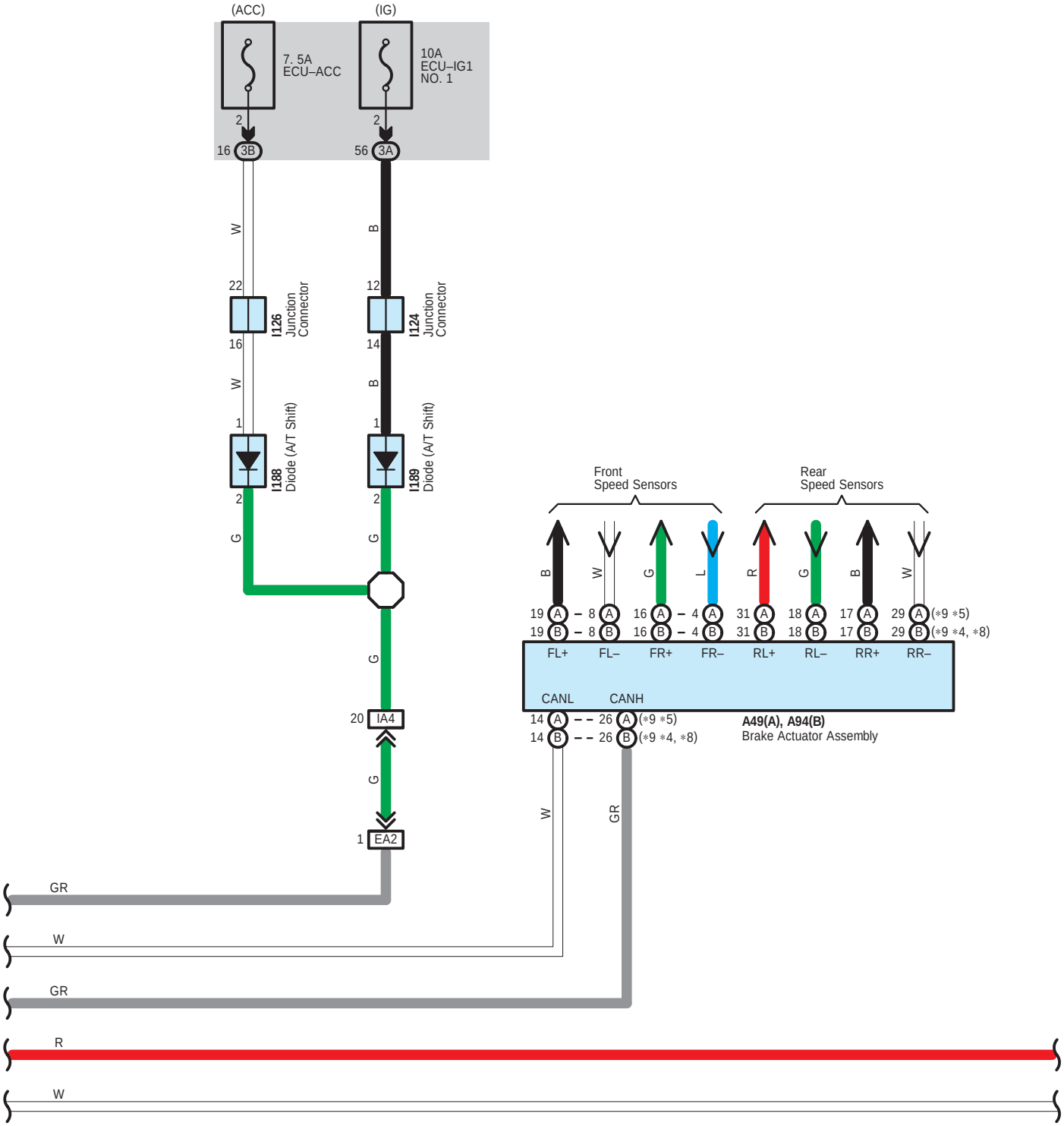


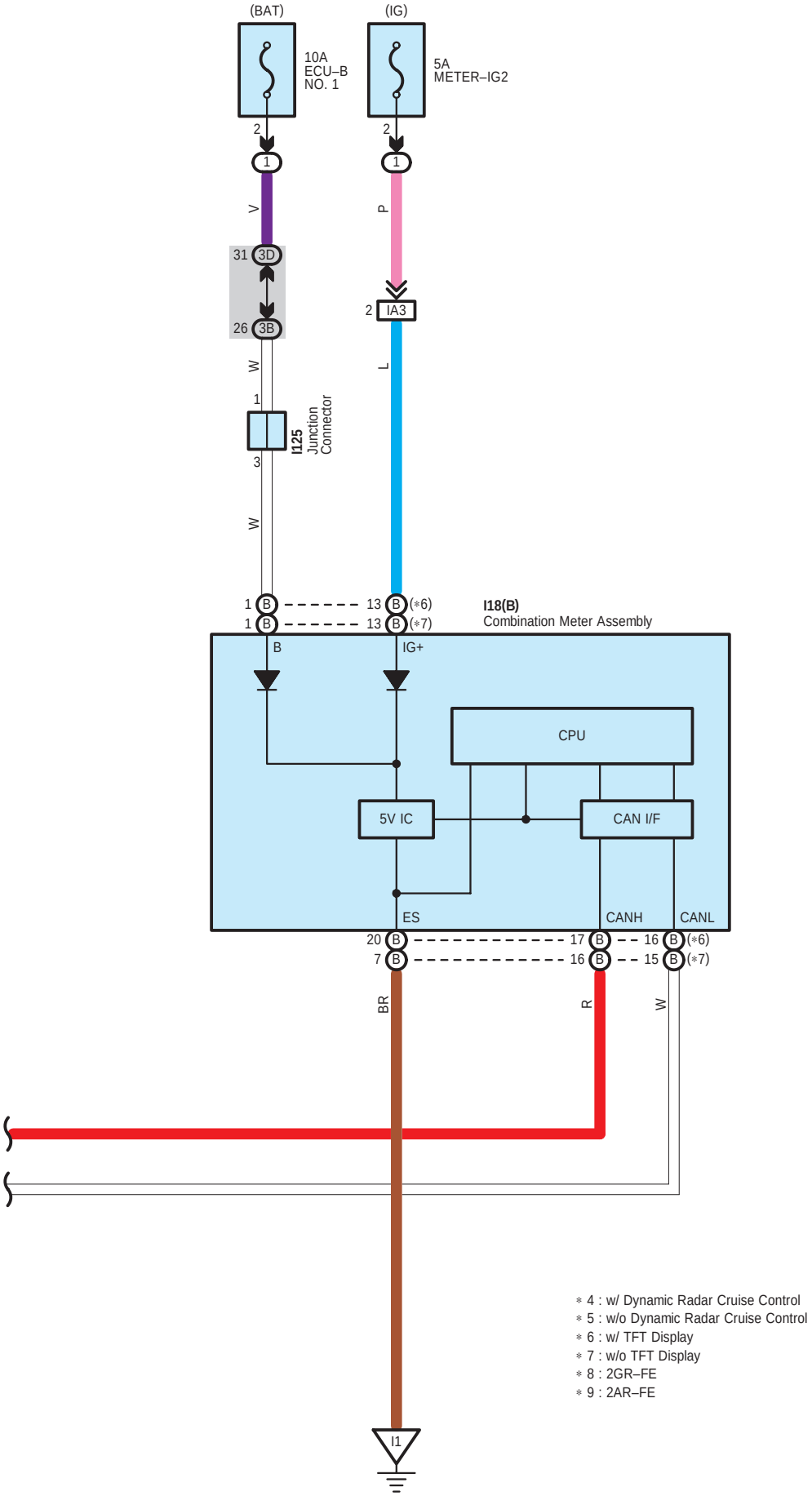
* 3 : Except Korea



* 1 : w/o Smart Key System

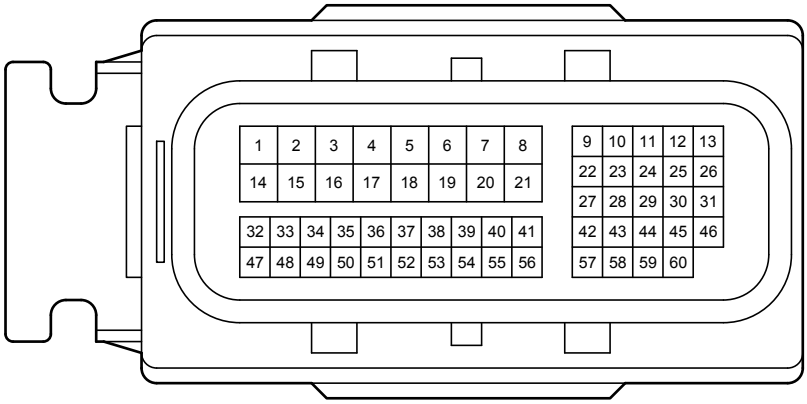

I12(A), I13(B)
Main Body ECU
CANH
CANL
14 B
13 B
A25(A), E26(B)
ECM
CANH
CANL
P
13 A
26 A
70 B
I93(A), I94(B), I95(C), I103(G)
Junction Connector
1 C
2 C
1 G
2 G
2 B
1 B
1 A
2 A
3
RB
PL
P
1
E4
Park/Neutral
Position Switch Assembly
15 IA8
14 IA8
I47(A), N5(B)
Airbag Sensor Assembly
13 A
22 A
CANH
CANL
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
P
W
B
W
B
Y
W
W
R
B
W
GR
G
R
Y
W
P
W
GR
W
GR
W
GR
R
W


(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
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
GR
R
W

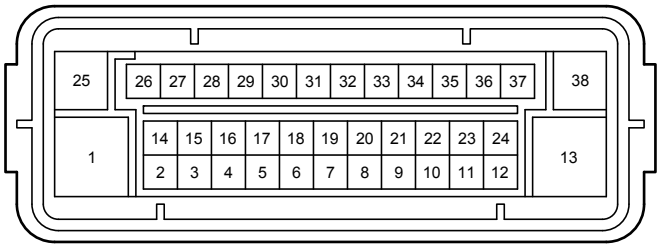


* 4 : w/ Dynamic Radar Cruise Control
* 5 : w/o Dynamic Radar Cruise Control
* 6 : w/ TFT Display
* 7 : w/o TFT Display
* 8 : 2GR–FE
* 9 : 2AR–FE

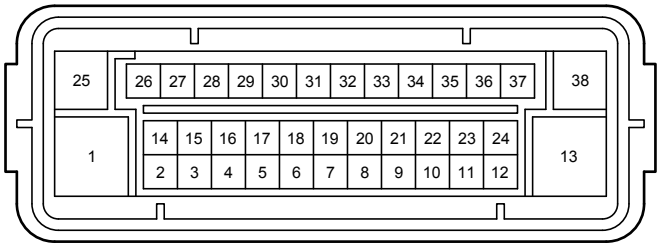
A 25
Black



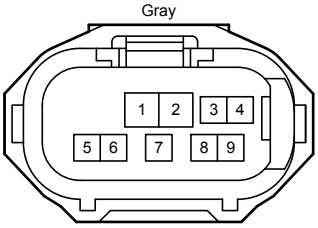
A 49
Black



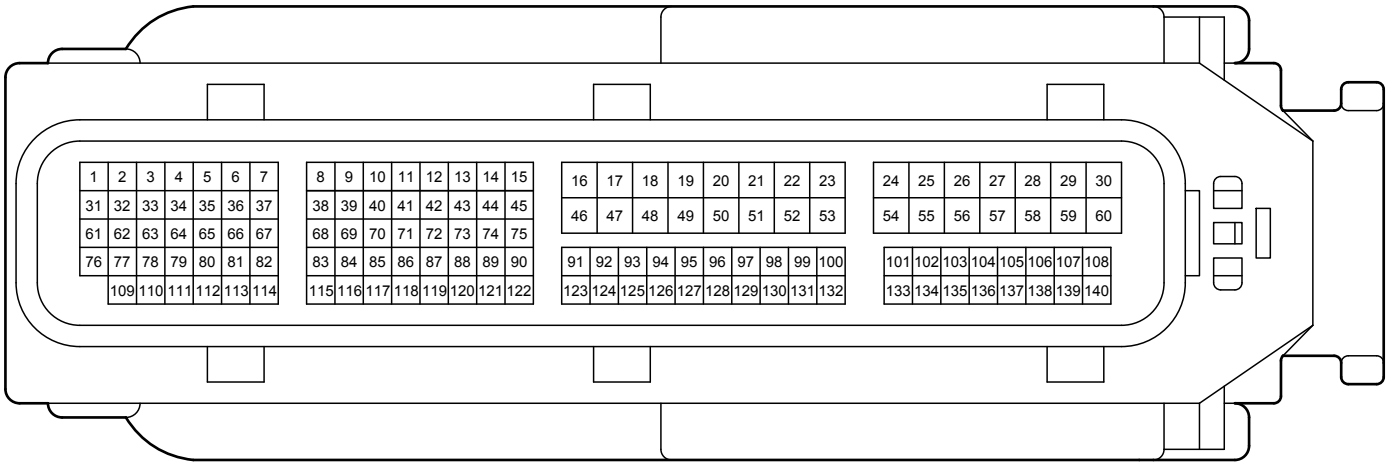
A 94
Black



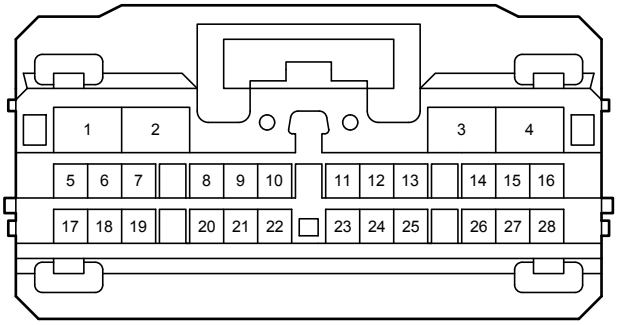
E 4
Gray



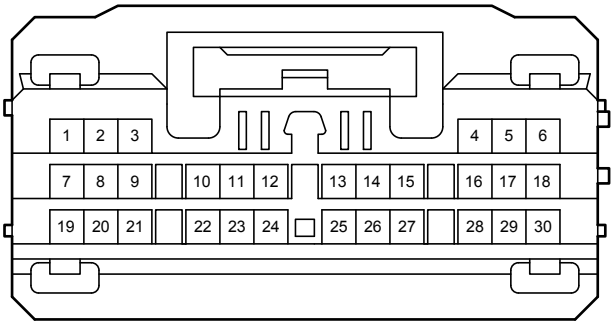
E 26
Black



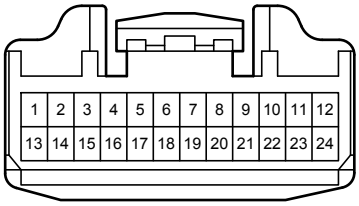
I 12
White



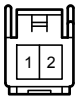
I 13
White



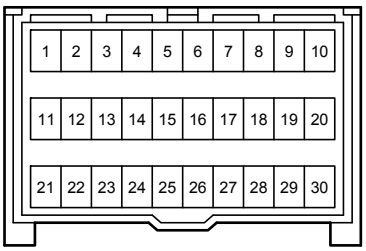
I 18
Black



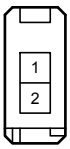
I 33
White



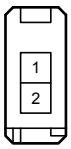
I 47
Yellow



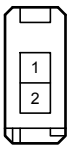
I 93
White



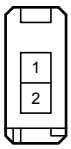
I 94
White



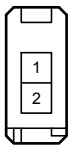
I 95
White



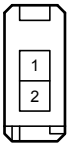
I101
White



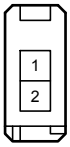
I103
White



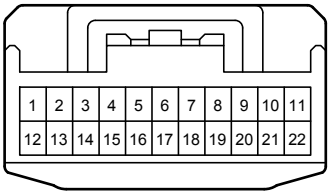
I104
White



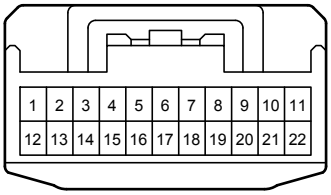
I105
White



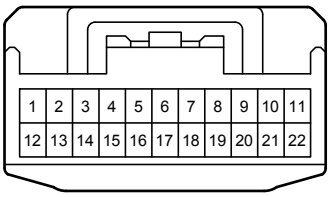
I124
White



I125
Gray



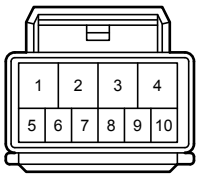
I126
White



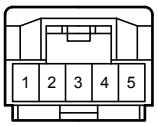
I188
Gray

I189
Gray

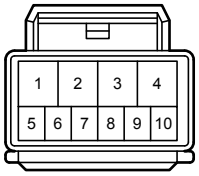
J 1
White



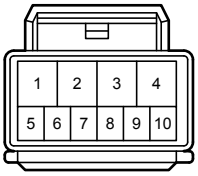
J 16
White



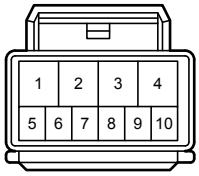
K 1
White



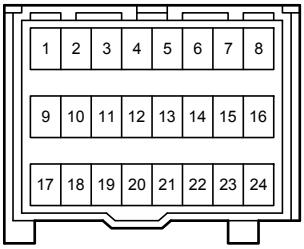
L 1
White



M 1
White



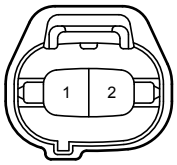
N 5
Yellow



N 7
Black

N 15
Black

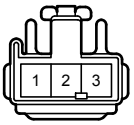
N 32
White



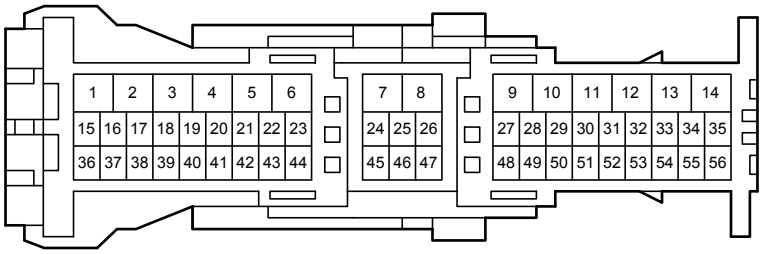
O 10
Black

O 16
Black

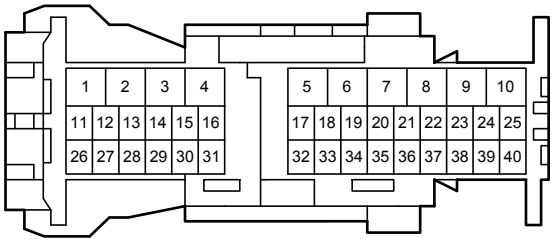
T 3
Black



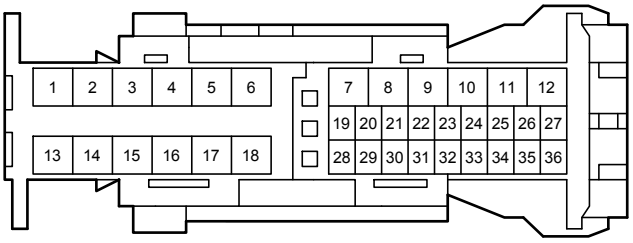
3A
White



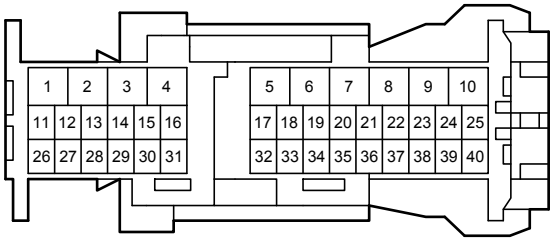
3B
White



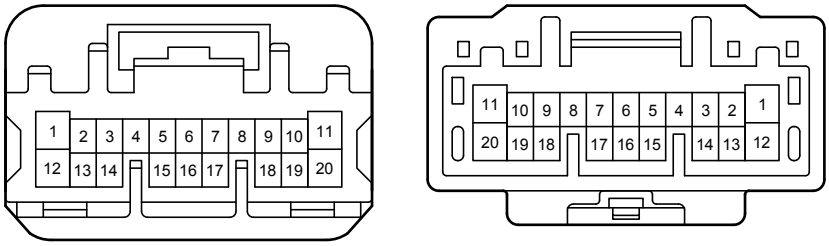
3C
White



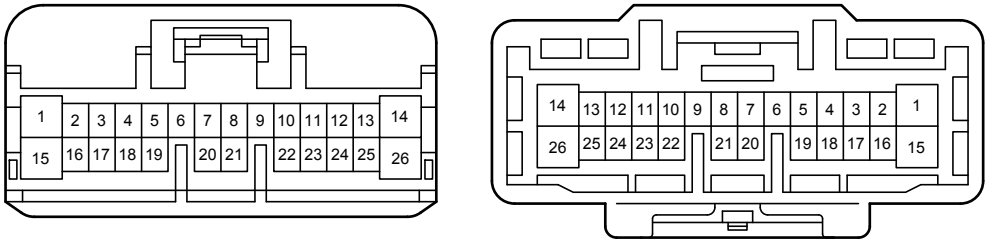
3D
White



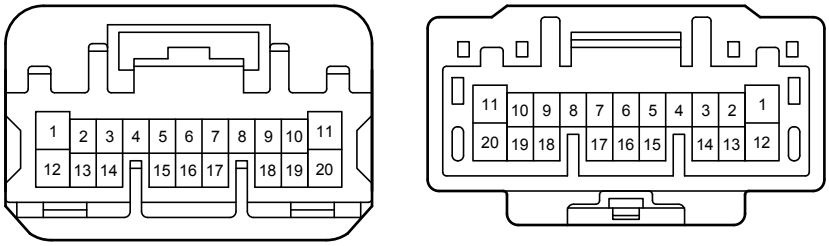
EA2
White



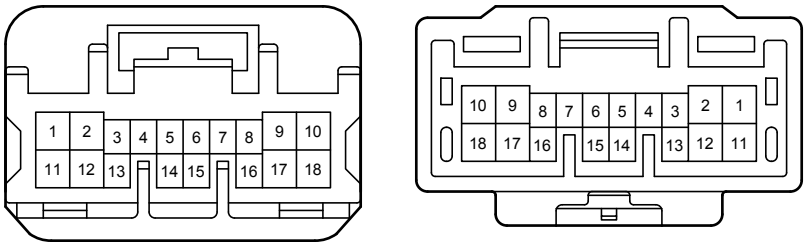
IA3
Blue



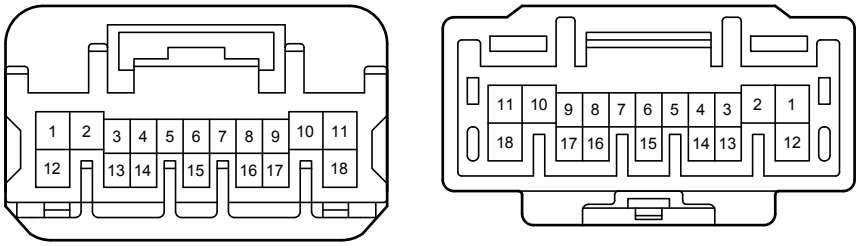
IA4
Gray

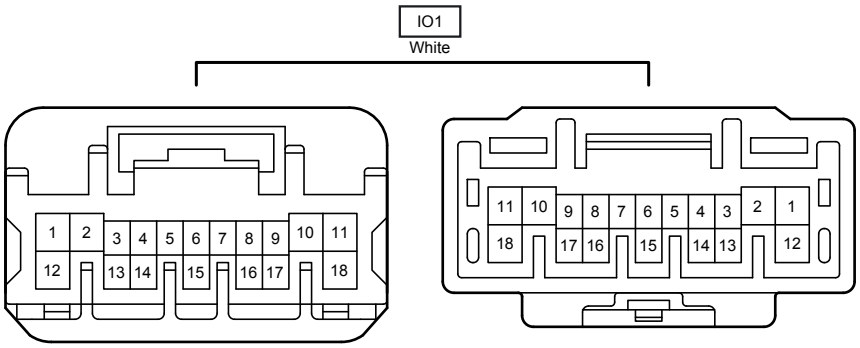


IA8
Gray



IN1
White




IO1
White
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12 13 14 15 16 17 18
11 10 9 8 7 6 5 4 3 2 1
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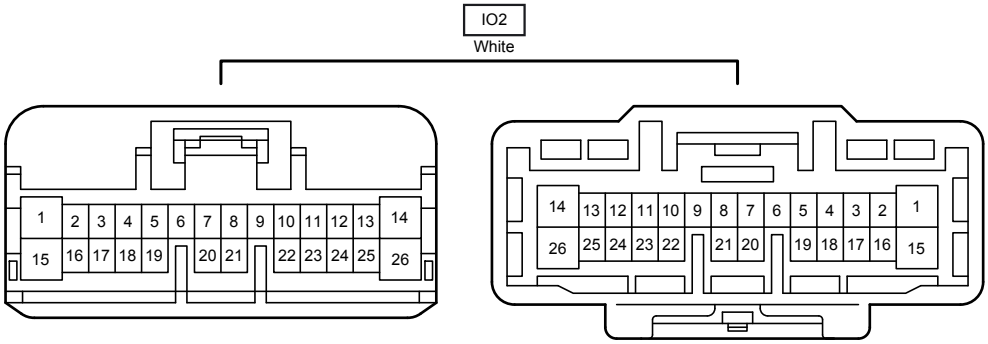
IO2
White
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15 16 17 18 19 20 21 22 23 24 25 26
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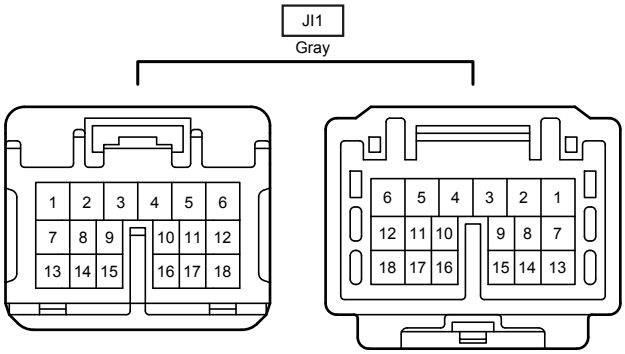
JI1
Gray
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13 14 15 16 17 18
6 5 4 3 2 1
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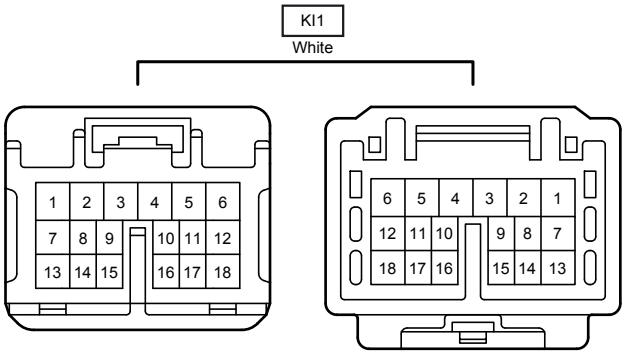
KI1
White
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13 14 15 16 17 18
6 5 4 3 2 1
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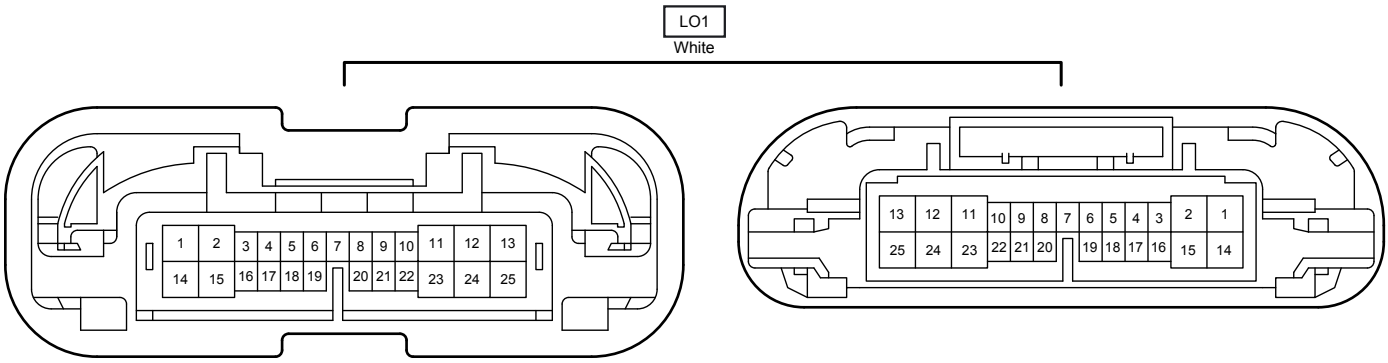
LO1
White
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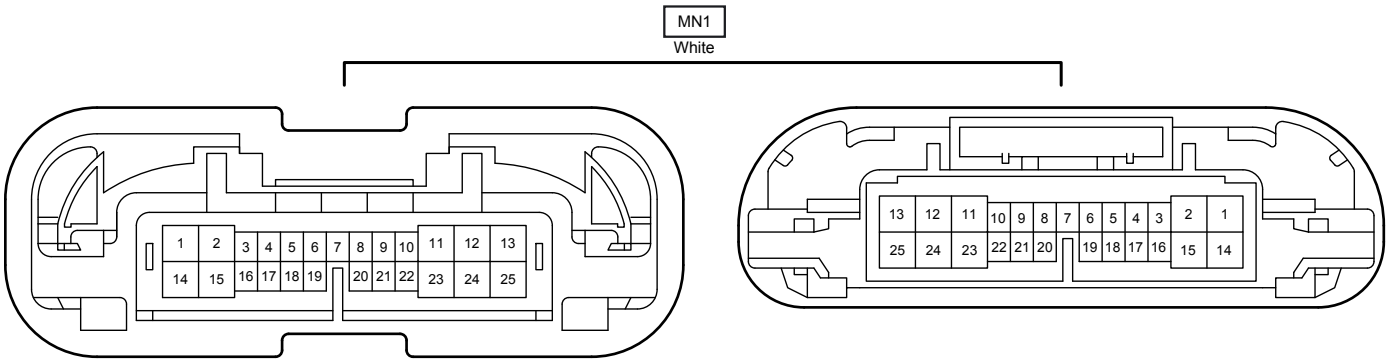
MN1
White
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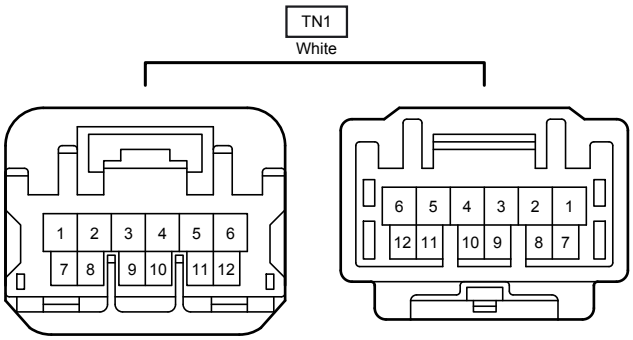
TN1
White
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6 5 4 3 2 1
12 11 10 9 8 7