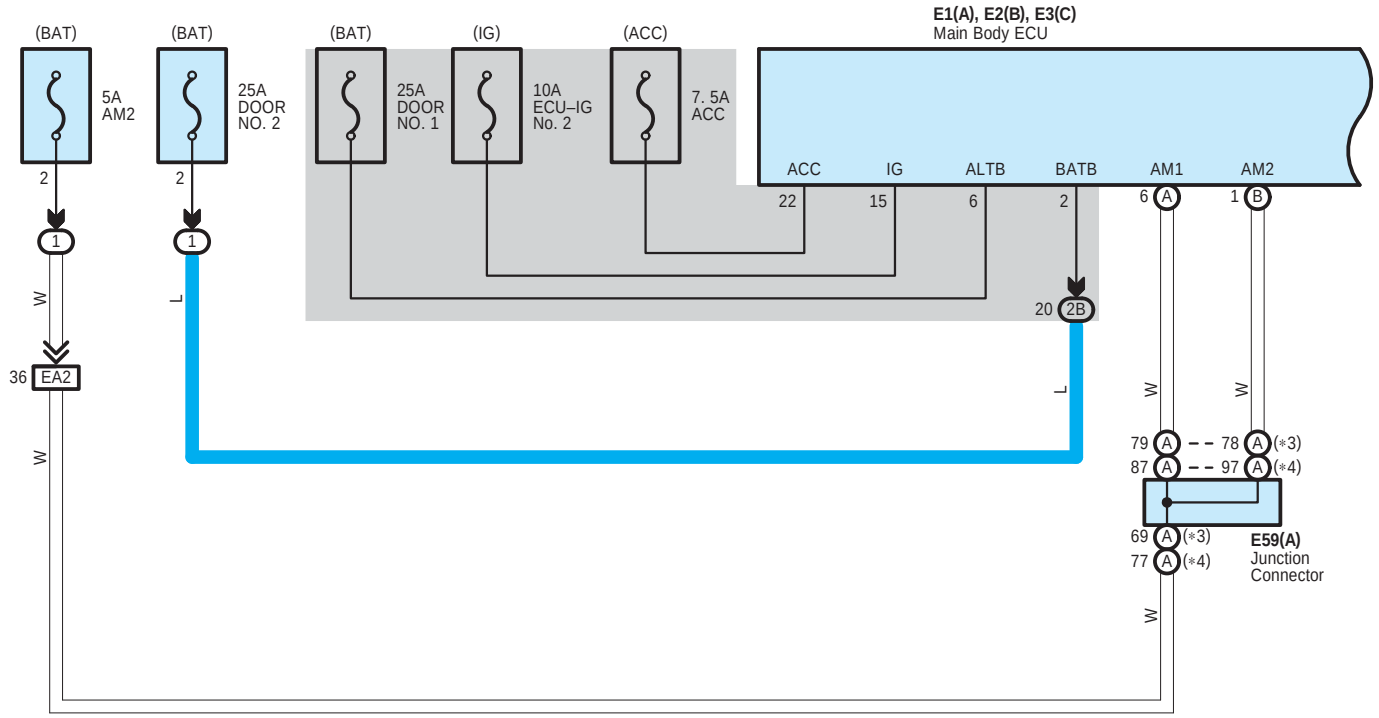
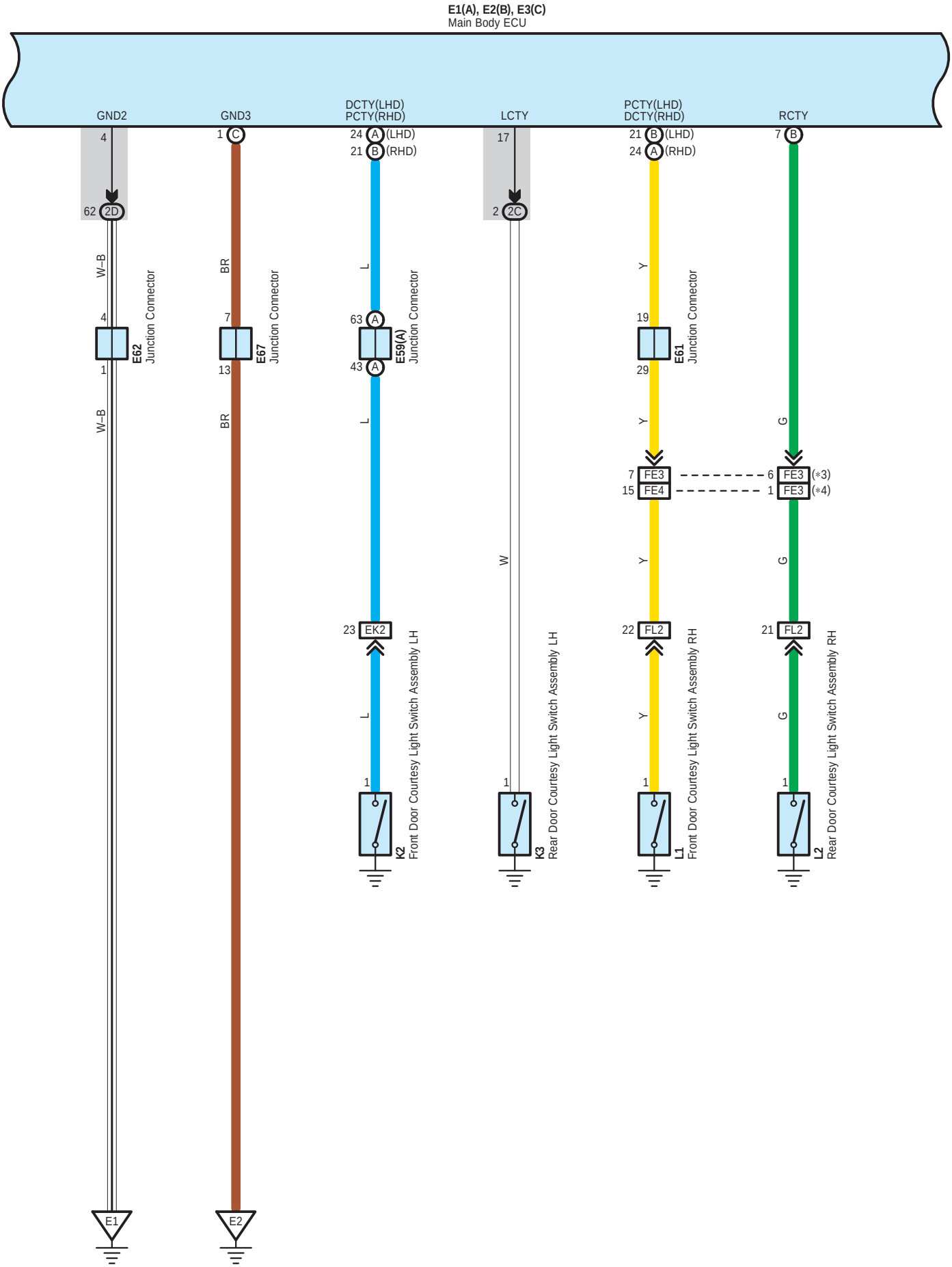
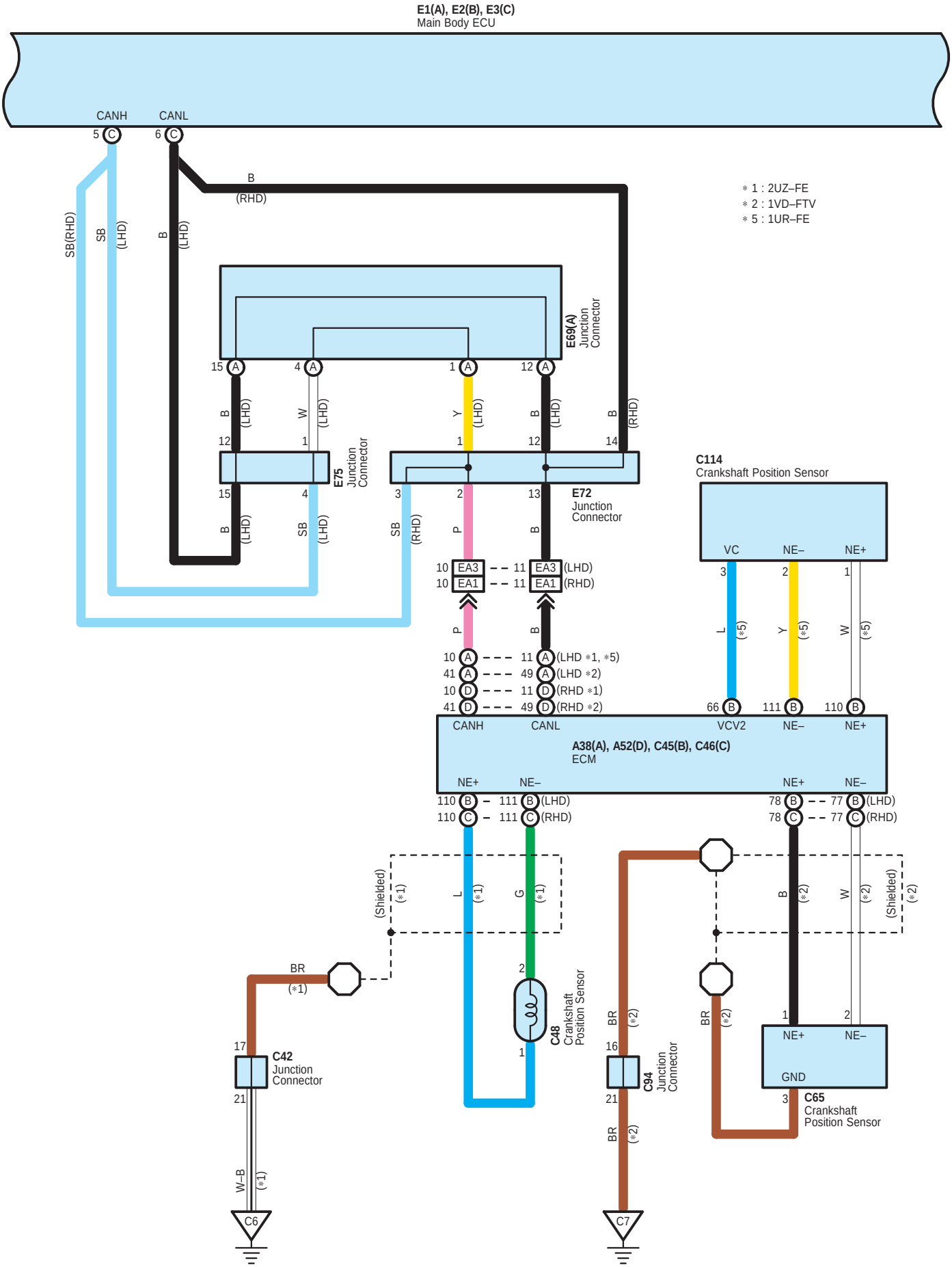
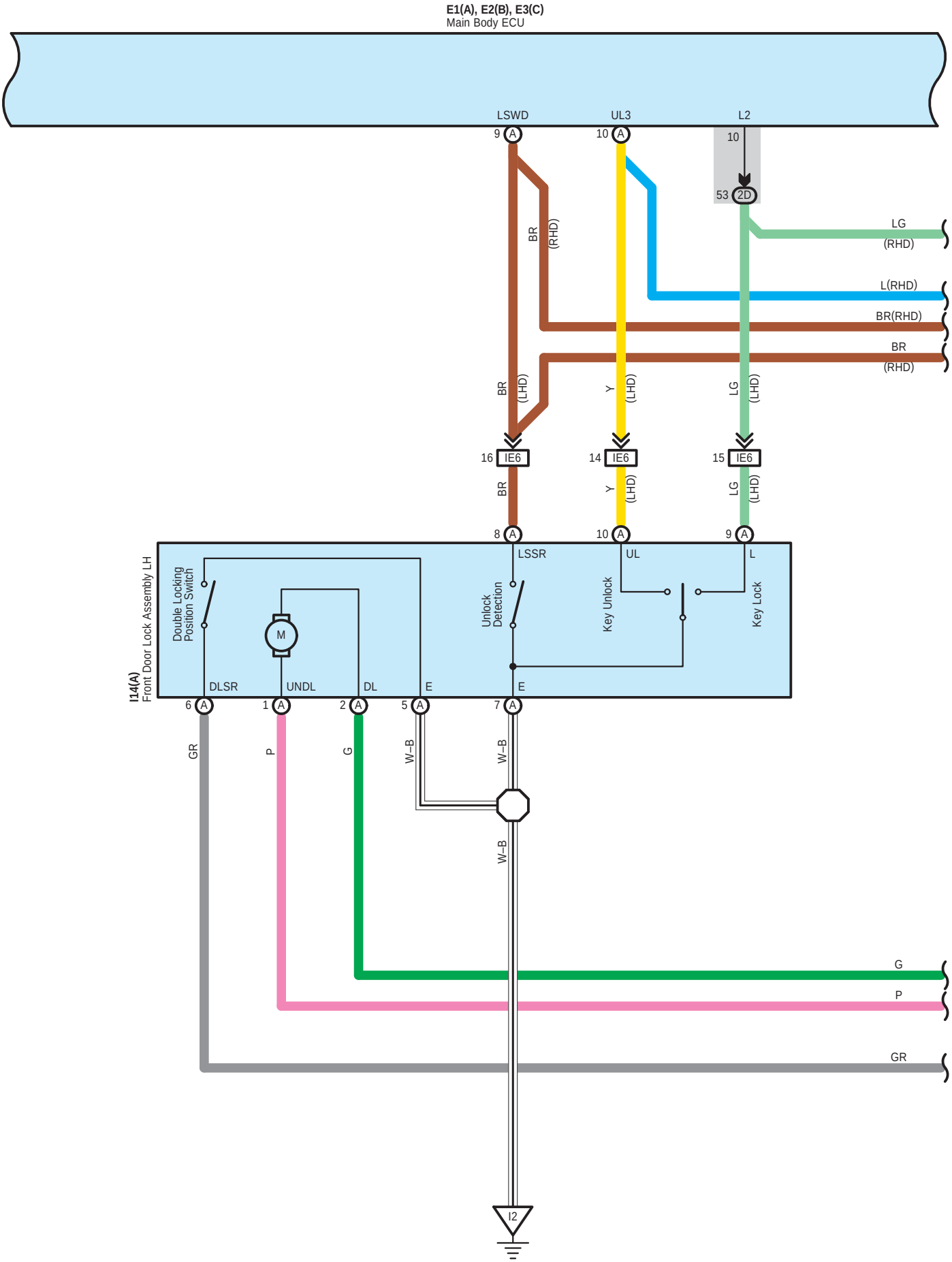
## Double Locking <Before Jan. 2013 Production>

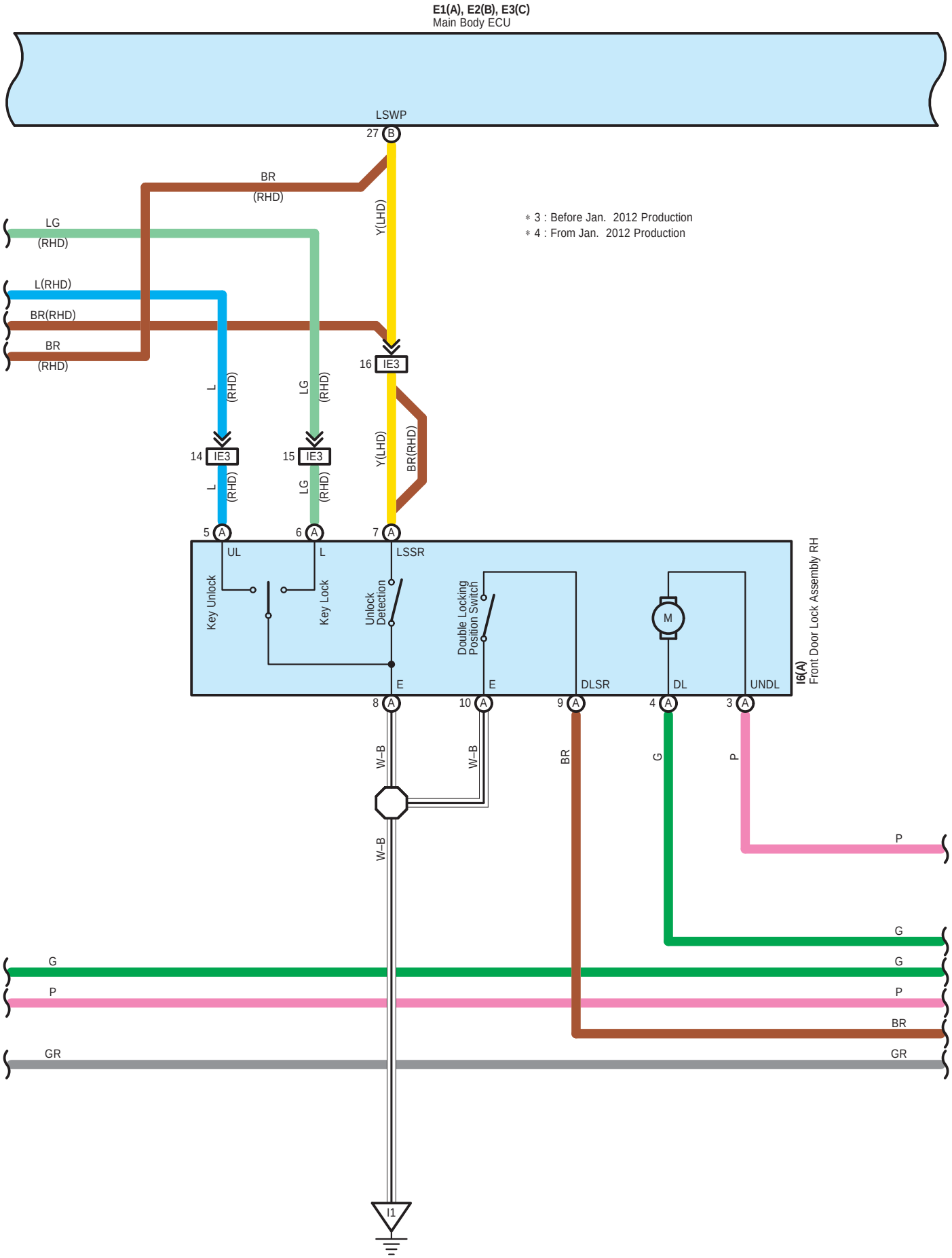


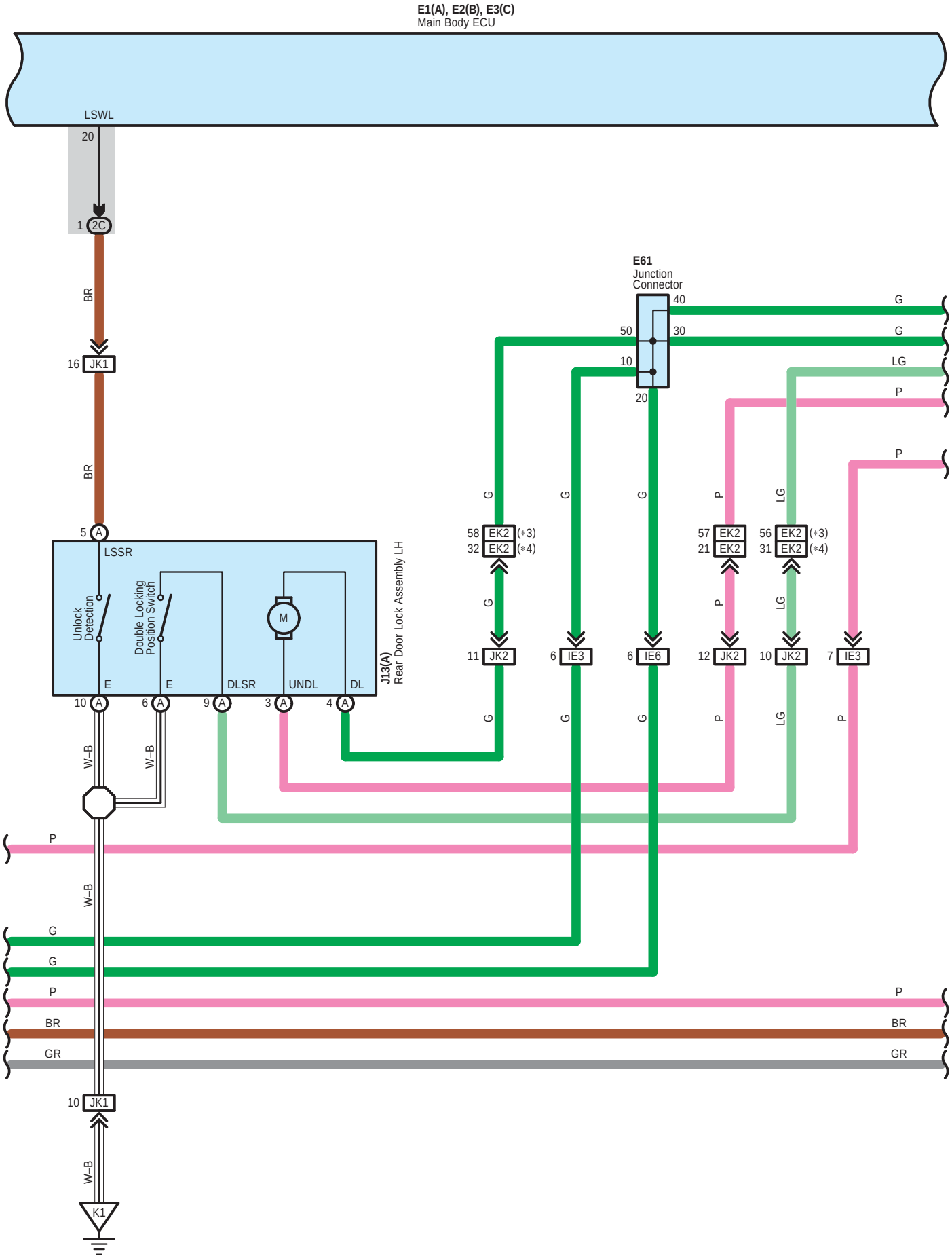

* 3 : Before Jan. 2012 Production
* 4 : From Jan. 2012 Production

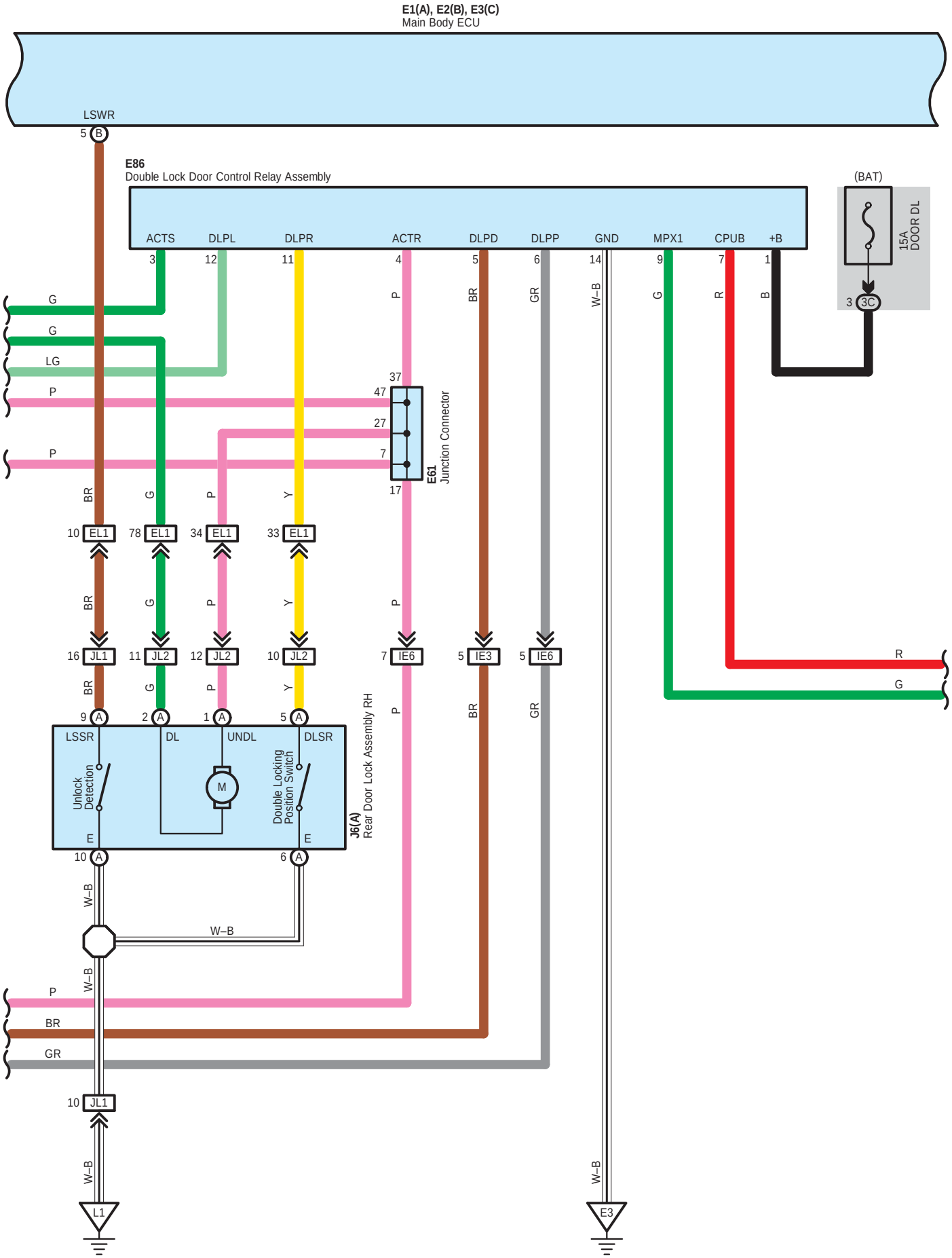

E1(A), E2(B), E3(C)
Main Body ECU
GND2
GND3
DCTY(LHD)
PCTY(RHD)
LCTY
PCTY(LHD)
DCTY(RHD)
RCTY
4
62 2D
1 C
24 A (LHD)
21 B (RHD)
17
2 2C
21 B (LHD)
24 A (RHD)
7 B
W–B
BR
L
Y
G
W
4
1
E62
Junction Connector
7
13
E67
Junction Connector
63 A
43 A
E59(A)
Junction Connector
19
29
E61
Junction Connector
7 FE3
15 FE4
6 FE3 (*3)
1 FE3 (*4)
23 EK2
22 FL2
21 FL2
1
K2
Front Door Courtesy Light Switch Assembly LH
K3
Rear Door Courtesy Light Switch Assembly LH
L1
Front Door Courtesy Light Switch Assembly RH
L2
Rear Door Courtesy Light Switch Assembly RH
E1
E2

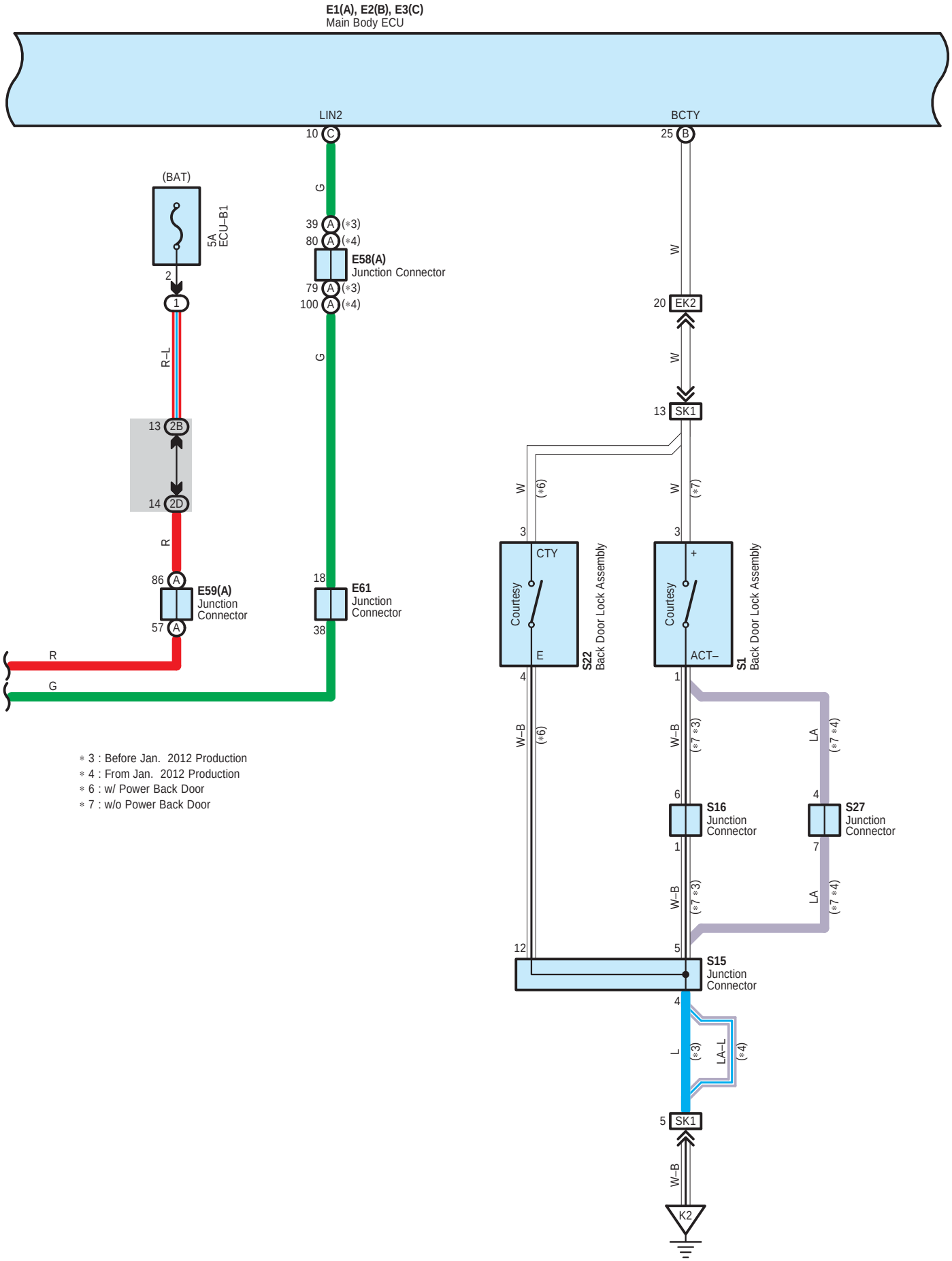

E1(A), E2(B), E3(C)
Main Body ECU
CANH
CANL
5 C
6 C
B
(RHD)
SB(RHD)
SB
(LHD)
B
(LHD)
∗1 : 2UZ–FE
∗2 : 1VD–FTV
∗5 : 1UR–FE
E69(A)
Junction
Connector
15 A
4 A
1 A
12 A
B (LHD)
W (LHD)
Y (LHD)
B (LHD)
B (RHD)
12
1
1
12
14
E75
Junction
Connector
15
4
3
2
13
E72
Junction
Connector
B (LHD)
SB (LHD)
SB (RHD)
P
B
10 EA3
10 EA1
11 EA3 (LHD)
11 EA1 (RHD)
P
B
10 A
41 A
10 D
41 D
11 A (LHD ∗1, ∗5)
49 A (LHD ∗2)
11 D (RHD ∗1)
49 D (RHD ∗2)
C114
Crankshaft Position Sensor
VC
NE–
NE+
3
2
1
L (∗5)
Y (∗5)
W (∗5)
66 B
111 B
110 B
VCV2
NE–
NE+
CANH
CANL
A38(A), A52(D), C45(B), C46(C)
ECM
NE+
NE–
NE+
NE–
110 B
110 C
111 B (LHD)
111 C (RHD)
78 B
78 C
77 B (LHD)
77 C (RHD)
(Shielded)
(∗1)
L (∗1)
G (∗1)
B (∗2)
W (∗2)
(Shielded)
(∗2)
BR
(∗1)
2
1
C48
Crankshaft
Position Sensor
BR (∗2)
BR (∗2)
1
2
NE+
NE–
GND
17
C42
Junction
Connector
21
16
C94
Junction
Connector
21
3
C65
Crankshaft
Position Sensor
W–B
(∗1)
BR (∗2)
C6
C7


E1(A), E2(B), E3(C)
Main Body ECU
LSWD
UL3
L2
9 A
10 A
10
53 2D
BR
(RHD)
LG
(RHD)
L(RHD)
BR(RHD)
BR
(RHD)
BR
(LHD)
Y
(LHD)
LG
(LHD)
16 IE6
14 IE6
15 IE6
BR
Y
(LHD)
LG
(LHD)
8 A
10 A
9 A
LSSR
UL
L
I14(A)
Front Door Lock Assembly LH
Double Locking
Position Switch
M
Unlock
Detection
Key Unlock
Key Lock
DLSR
UNDL
DL
E
E
6 A
1 A
2 A
5 A
7 A
GR
P
G
W–B
W–B
W–B
G
P
GR
I2

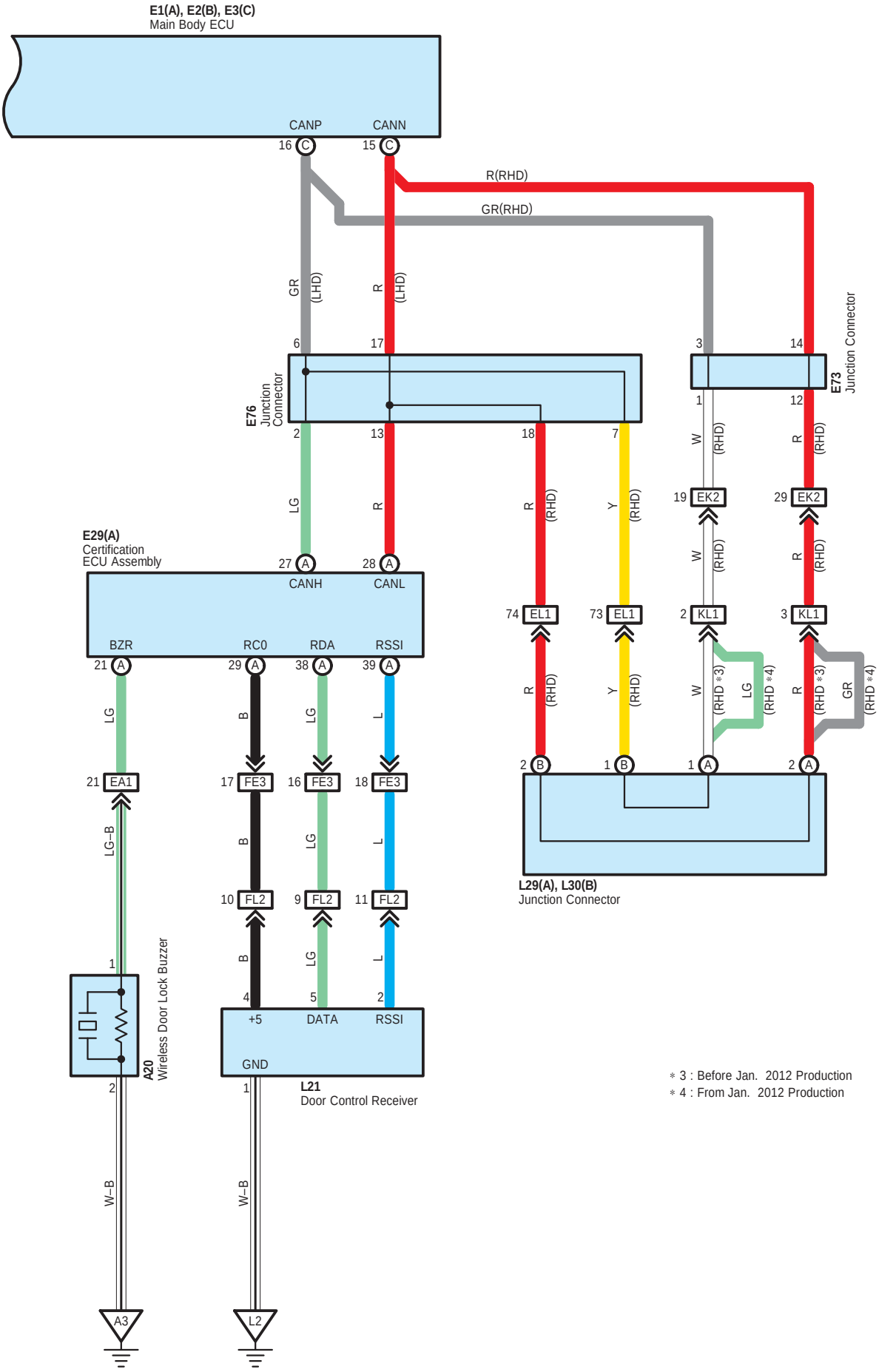

E1(A), E2(B), E3(C)
Main Body ECU
LSWP
27 B
BR
(RHD)
Y(LHD)
LG
(RHD)
L(RHD)
BR(RHD)
BR
(RHD)
＊3 : Before Jan. 2012 Production
＊4 : From Jan. 2012 Production
16 IE3
L (RHD)
LG (RHD)
14 IE3
15 IE3
Y(LHD)
BR(RHD)
L (RHD)
LG (RHD)
5 A
6 A
7 A
UL
L
LSSR
Key Unlock
Key Lock
Unlock Detection
Double Locking Position Switch
M
E
E
DLSR
DL
UNDL
I6(A)
Front Door Lock Assembly RH
8 A
10 A
9 A
4 A
3 A
W-B
W-B
BR
G
P
W-B
P
G
G
G
P
P
BR
GR
GR
I1


E1(A), E2(B), E3(C)
Main Body ECU
LSWL
20
1 2C
BR
16 JK1
BR
5 A
LSSR
Unlock Detection
Double Locking Position Switch
M
E
E
DLSR
UNDL
DL
10 A
6 A
9 A
3 A
4 A
J13(A)
Rear Door Lock Assembly LH
W–B
W–B
W–B
W–B
E61
Junction Connector
40
50
30
10
20
G
G
LG
P
P
G
G
G
P
LG
58 EK2 (*3)
32 EK2 (*4)
57 EK2
21 EK2
56 EK2 (*3)
31 EK2 (*4)
G
P
LG
11 JK2
6 IE3
6 IE6
12 JK2
10 JK2
7 IE3
G
G
G
P
LG
P
P
G
G
P
P
BR
BR
GR
GR
10 JK1
K1

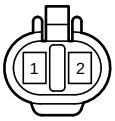

E1(A), E2(B), E3(C)
Main Body ECU
LSWR
5 B
E86
Double Lock Door Control Relay Assembly
ACTS
DLPL
DLPR
ACTR
DLPD
DLPP
GND
MPX1
CPUB
+B
(BAT)
15A
DOOR DL
3 3C
E61
Junction Connector
10 EL1
78 EL1
34 EL1
33 EL1
16 JL1
11 JL2
12 JL2
10 JL2
7 IE6
5 IE3
5 IE6
LSSR
DL
UNDL
DLSR
Unlock Detection
Double Locking Position Switch
J6(A)
Rear Door Lock Assembly RH
10 JL1
L1
E3



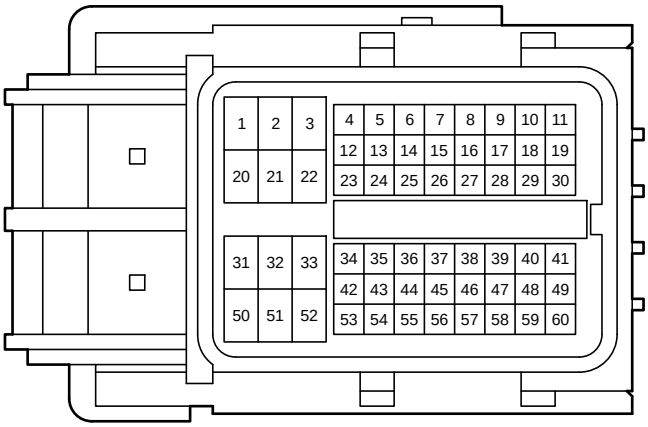

* 3 : Before Jan. 2012 Production
* 4 : From Jan. 2012 Production
* 6 : w/ Power Back Door
* 7 : w/o Power Back Door


E1(A), E2(B), E3(C)
Main Body ECU
CANP
CANN
16 C
15 C
R(RHD)
GR(RHD)
GR (LHD)
R (LHD)
6
17
3
14
E76
Junction
Connector
E73
Junction Connector
2
13
18
7
1
12
LG
R
R (RHD)
Y (RHD)
W (RHD)
R (RHD)
19 EK2
29 EK2
E29(A)
Certification
ECU Assembly
27 A
28 A
CANH
CANL
W (RHD)
R (RHD)
74 EL1
73 EL1
2 KL1
3 KL1
BZR
RC0
RDA
RSSI
21 A
29 A
38 A
39 A
R (RHD)
Y (RHD)
W (RHD *3)
LG (RHD *4)
R (RHD *3)
GR (RHD *4)
LG
B
LG
L
2 B
1 B
1 A
2 A
21 EA1
17 FE3
16 FE3
18 FE3
LG–B
B
LG
L
L29(A), L30(B)
Junction Connector
10 FL2
9 FL2
11 FL2
1
B
LG
L
4
5
2
A20
Wireless Door Lock Buzzer
+5
DATA
RSSI
GND
L21
Door Control Receiver
2
1
W–B
W–B
A3
L2
* 3 : Before Jan. 2012 Production
* 4 : From Jan. 2012 Production

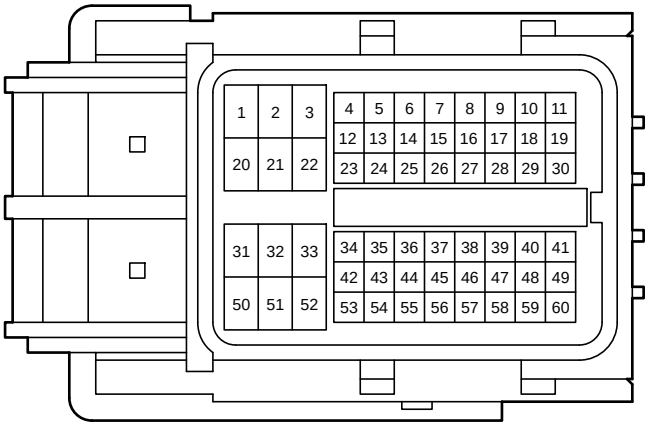
A 20
Black



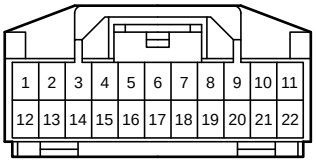

A 38
Black



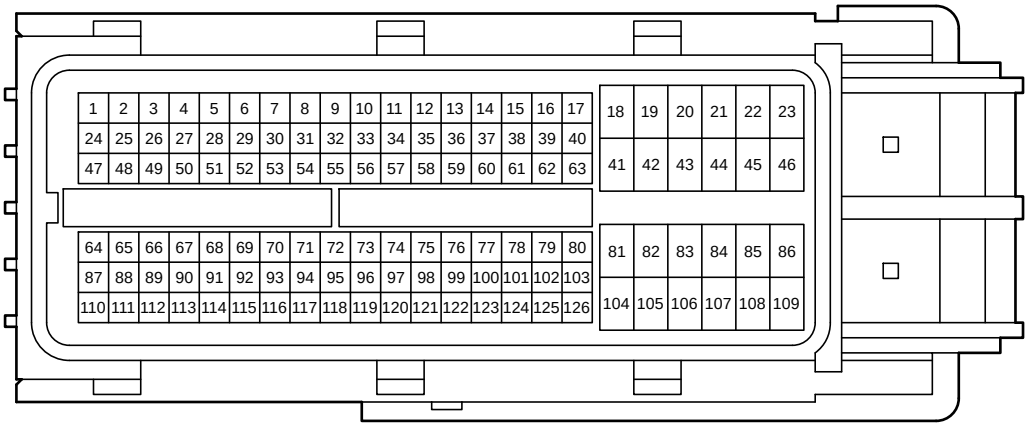

A 52
Black



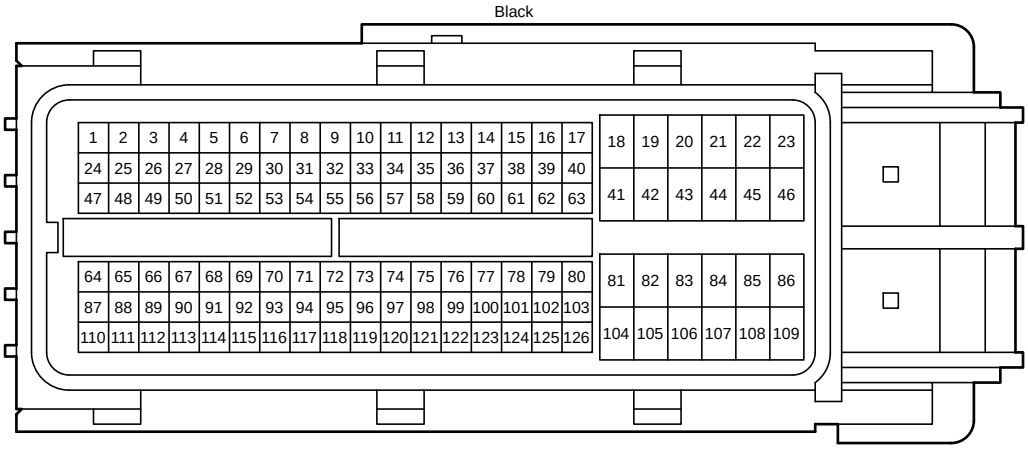

C 42
White




C 45
Black

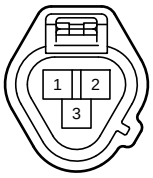


C 46
Black

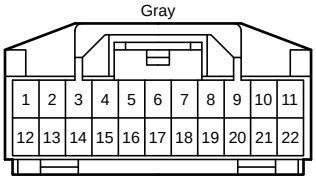



C 48
Dark Gray

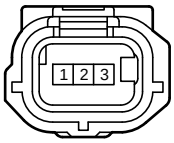
C 65
Black



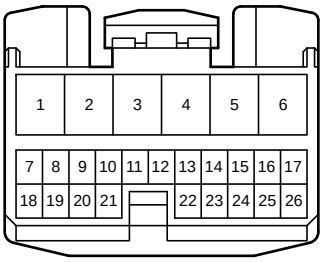

C 94
Gray



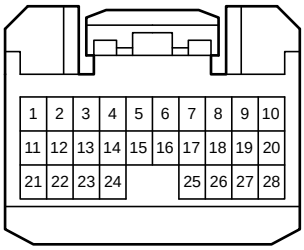

C114
Black



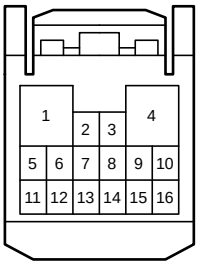

E 1
White



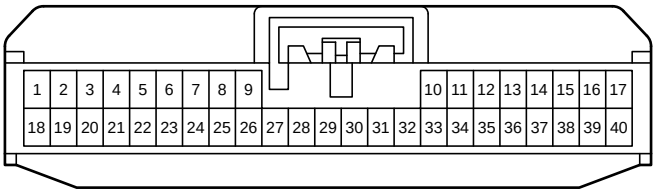

E 2
White



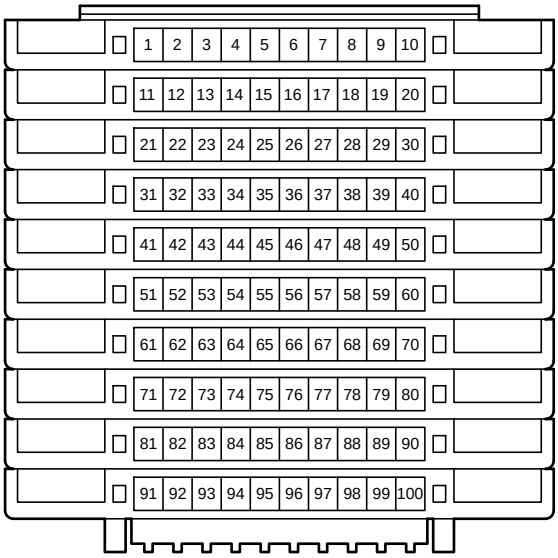

E 3
White



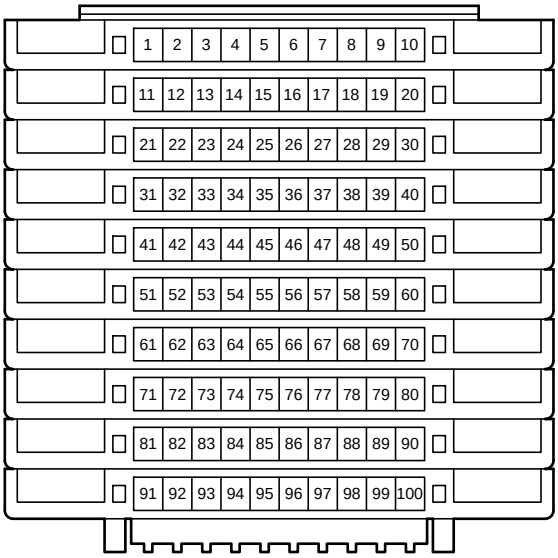

E 29
White



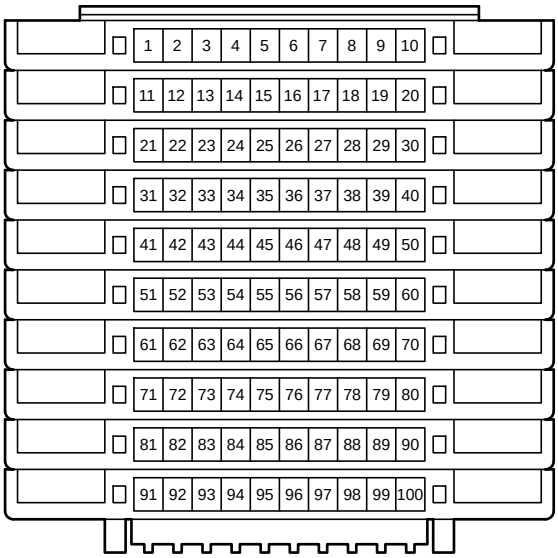

E 58



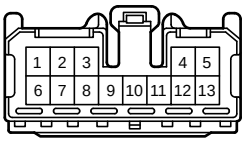

E 59



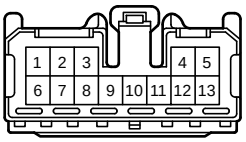
E 61



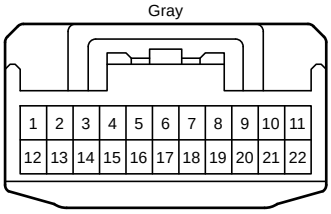

E 62
White



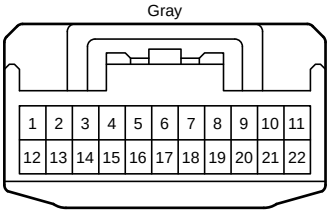

E 67
White



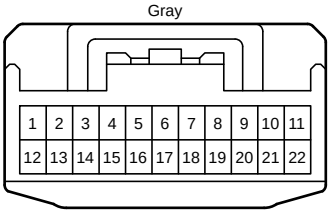

E 69
Gray



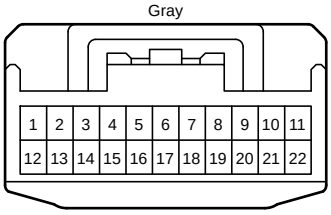

E 72
Gray



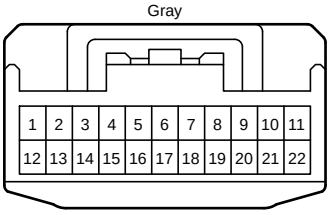

E 73
Gray



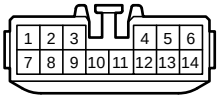

E 75
Gray



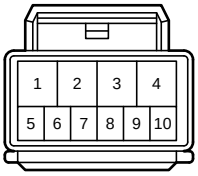

E 76
Gray



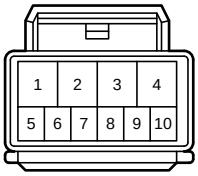

E 86
White



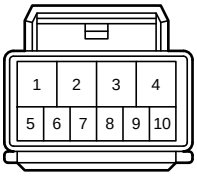

I 6
White



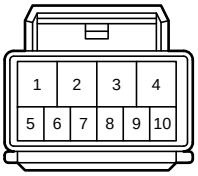

I 14
White




J 6
White




J 13
White



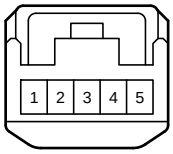

K 2
White

K 3
White

L 1
White

L 2
White

L 21
White




L 29
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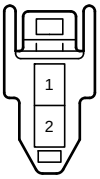


L 30
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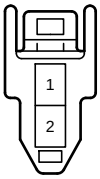
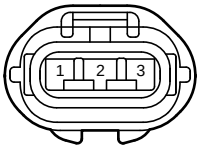
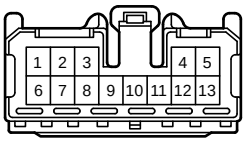


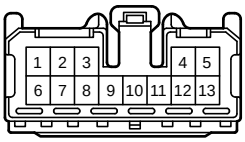

S 1
Black



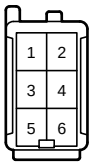
S 15
White




S 16
White

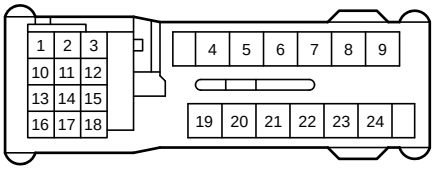



S 22
Black

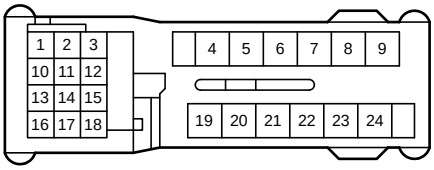



S 27
Dark Gray

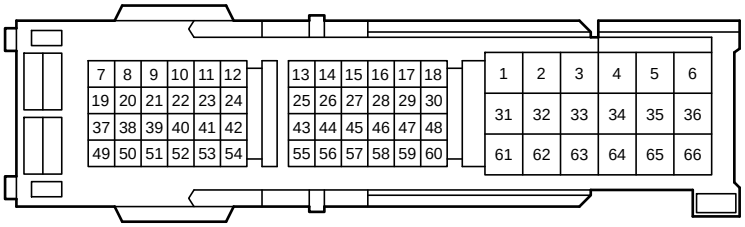
2B
White



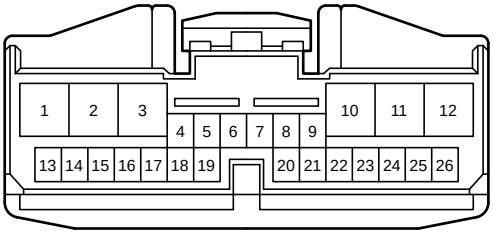

2C
White



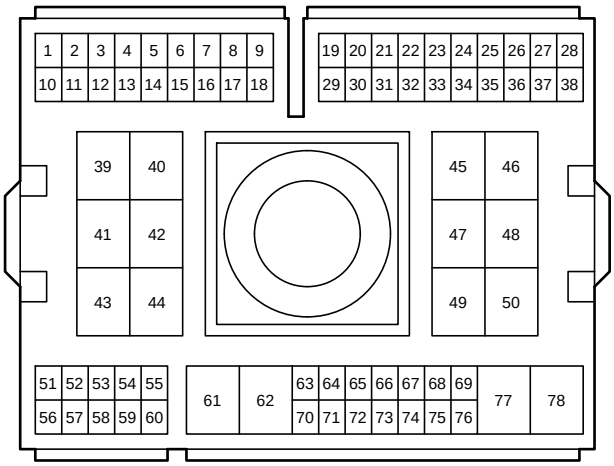

2D
White

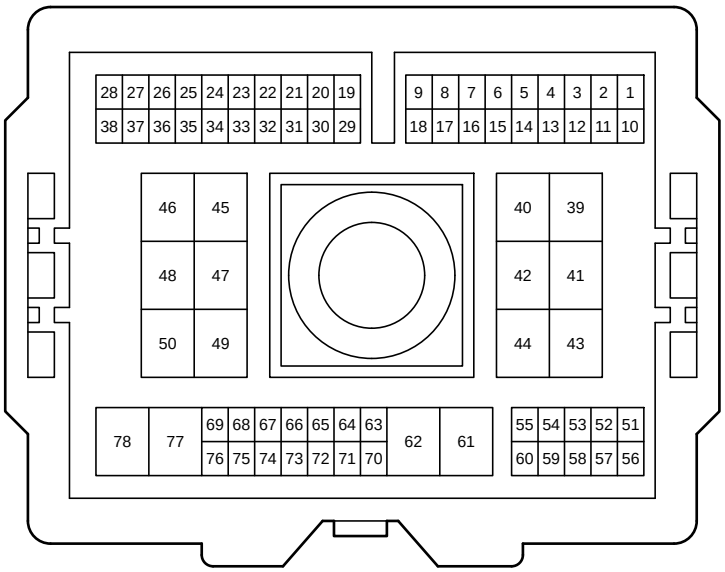



3C
White

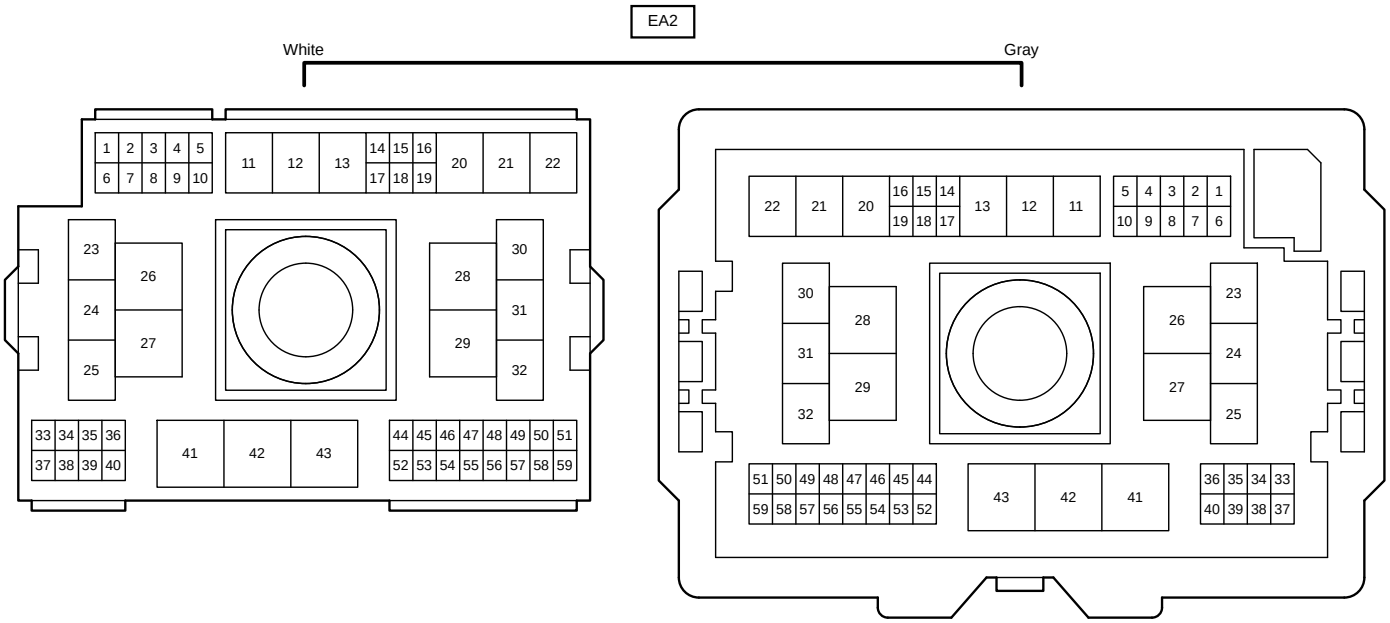



EA1
White

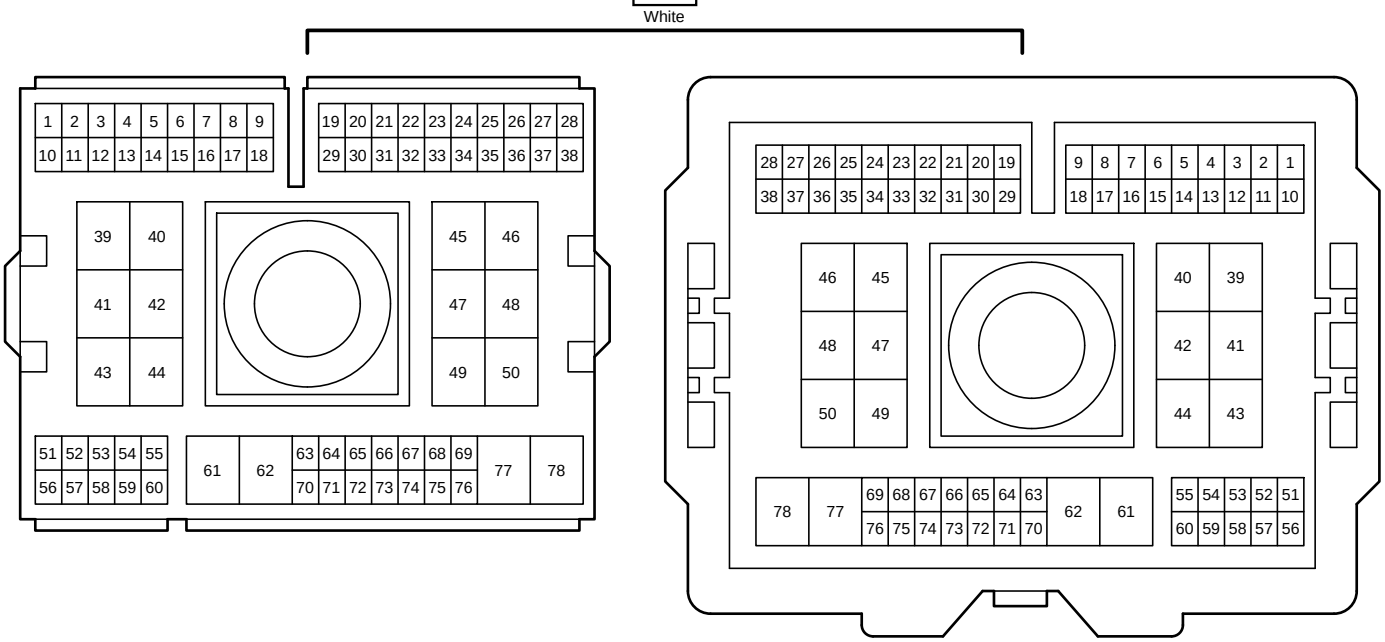


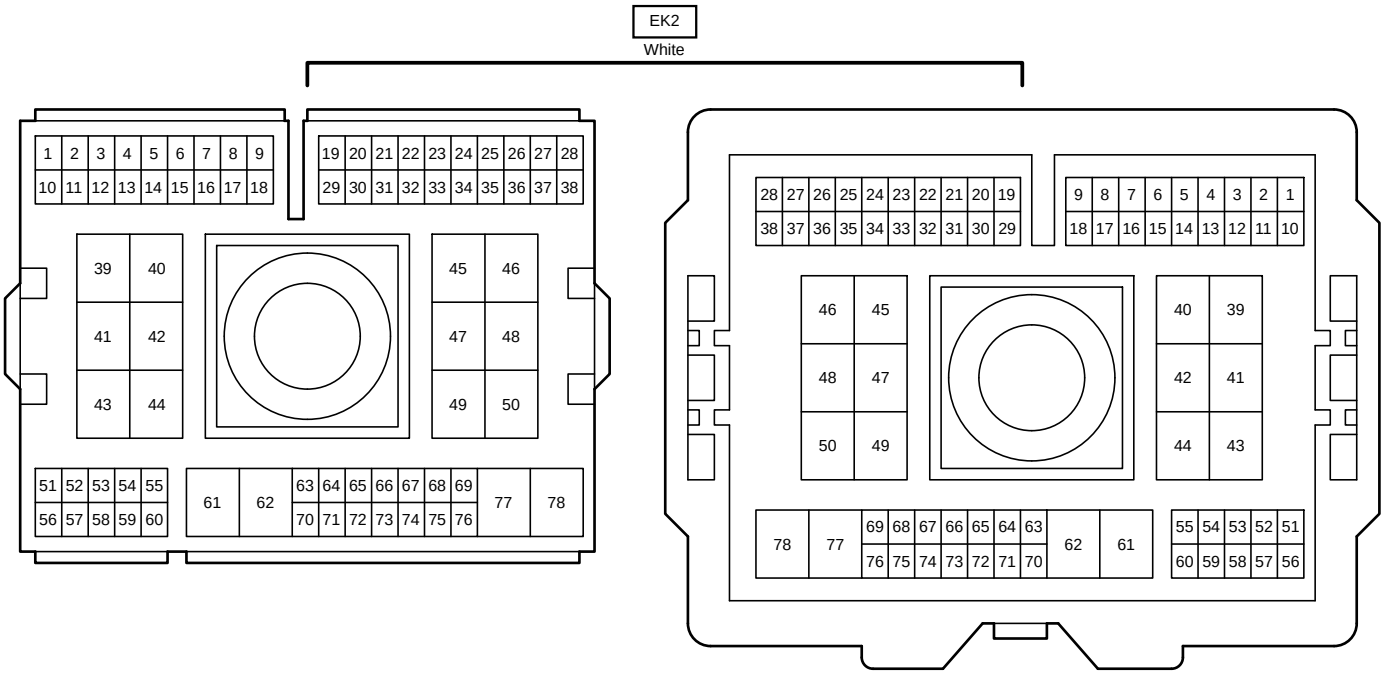



EA2




EA3




EK2
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 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45
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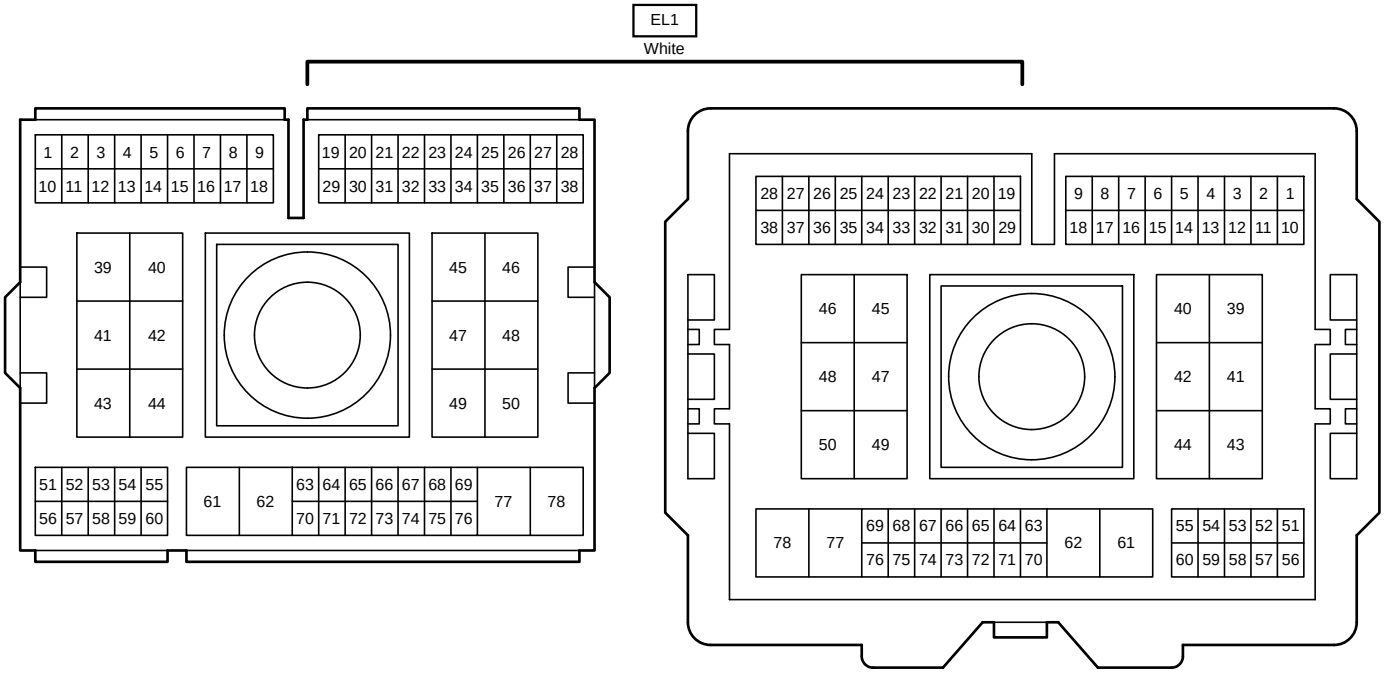
60 59 58 57 56


EL1
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
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51 52 53 54 55
56 57 58 59 60
61 62
63 64 65 66 67 68 69
70 71 72 73 74 75 76
77 78
28 27 26 25 24 23 22 21 20 19
38 37 36 35 34 33 32 31 30 29
9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11 10
46 45
48 47
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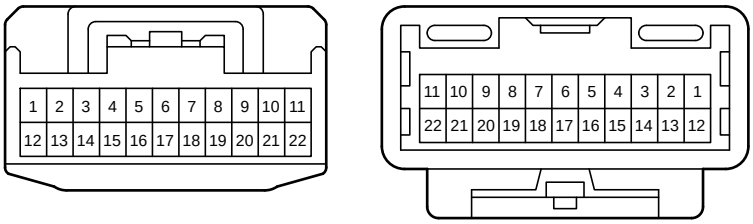
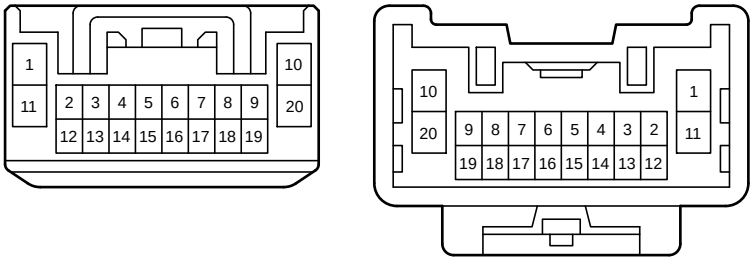
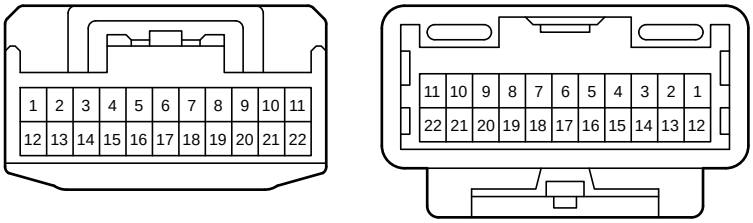
FE3
White



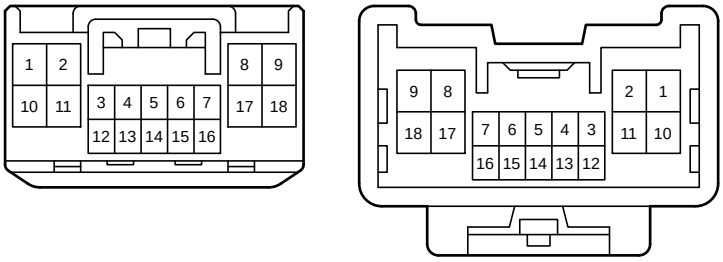

FE4
White



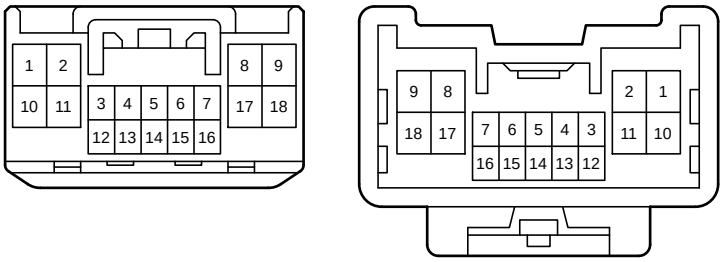

FL2
Blue



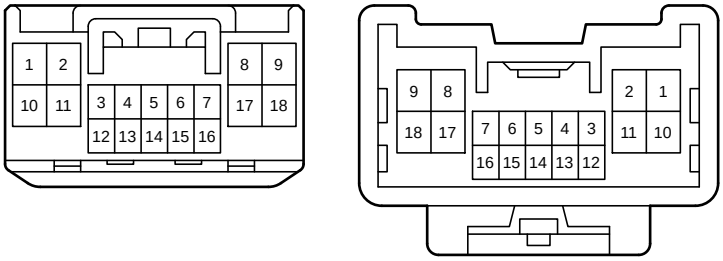

IE3
White



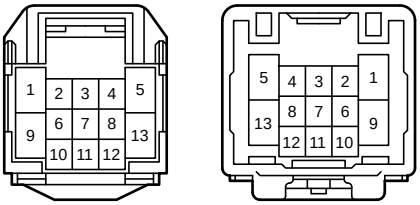
IE6
White



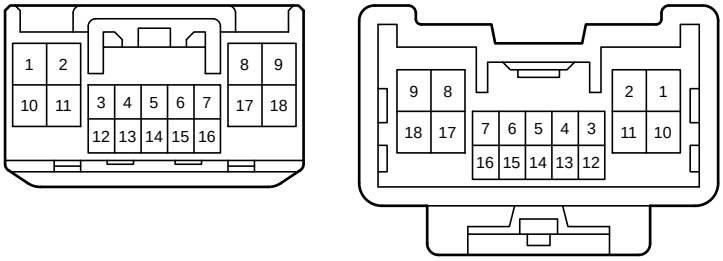

JK1
White



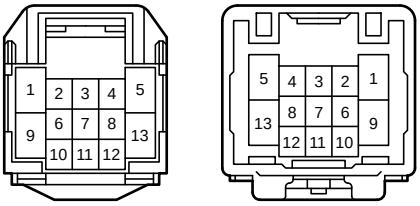

JK2
White



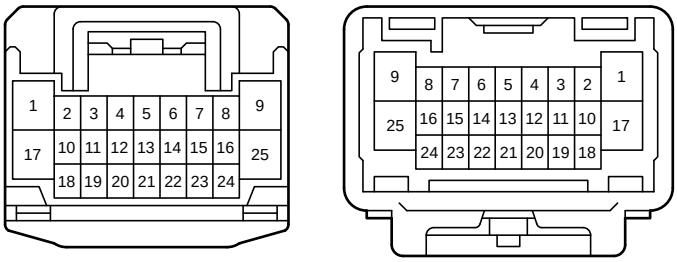

JL1
White

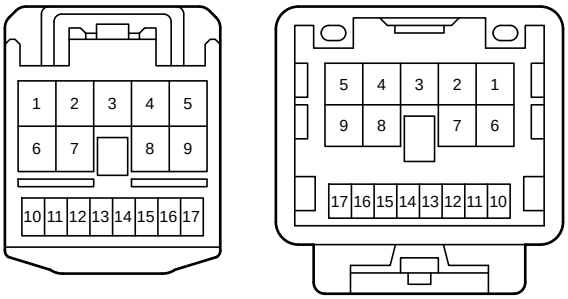



JL2
White




KL1
White




SK1
White