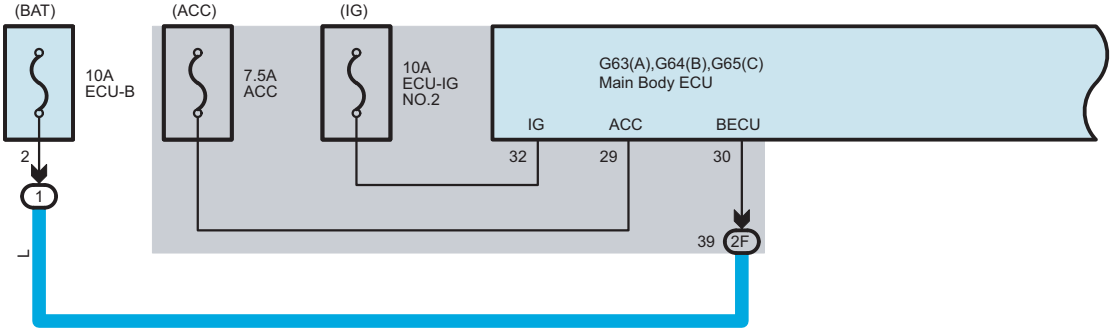
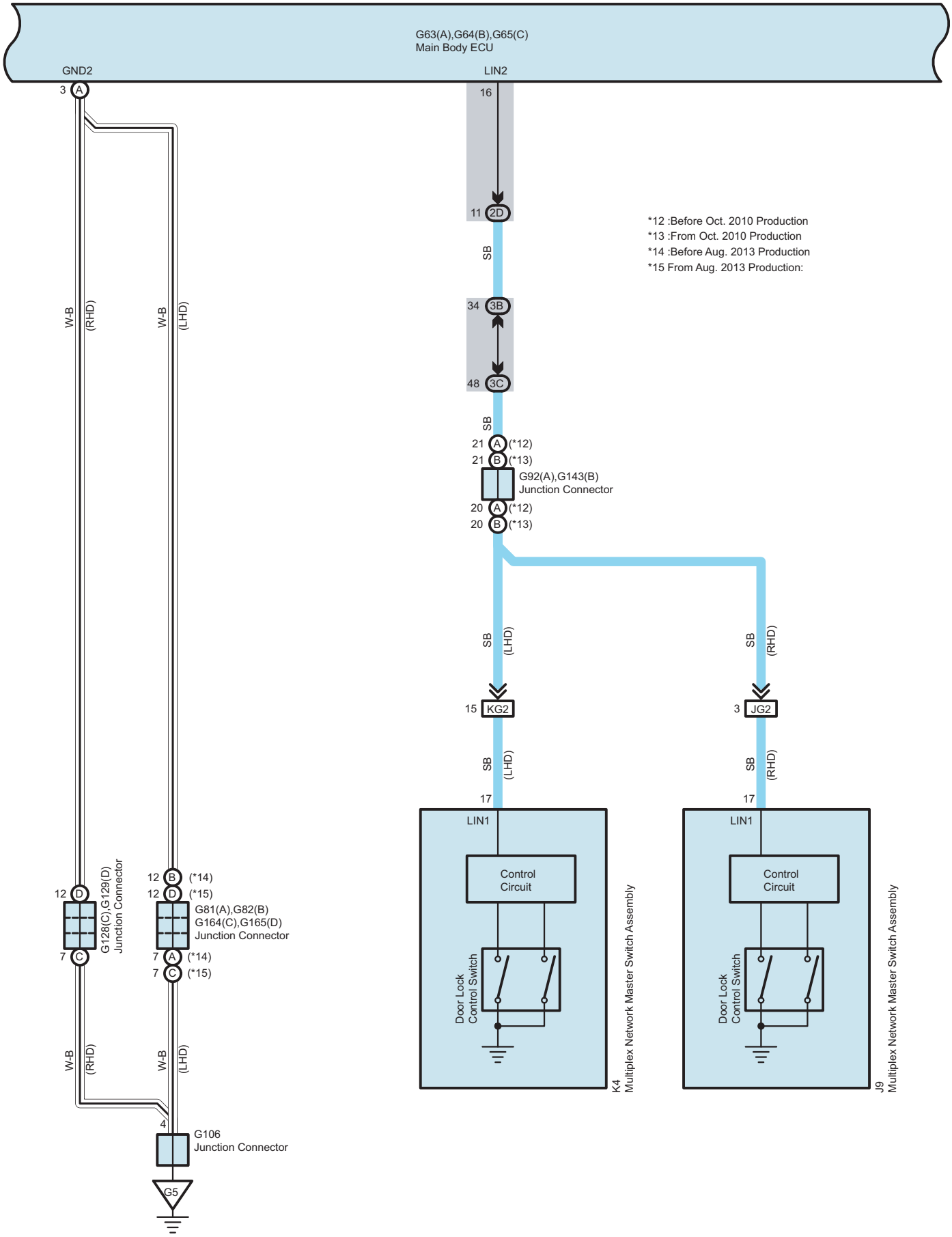
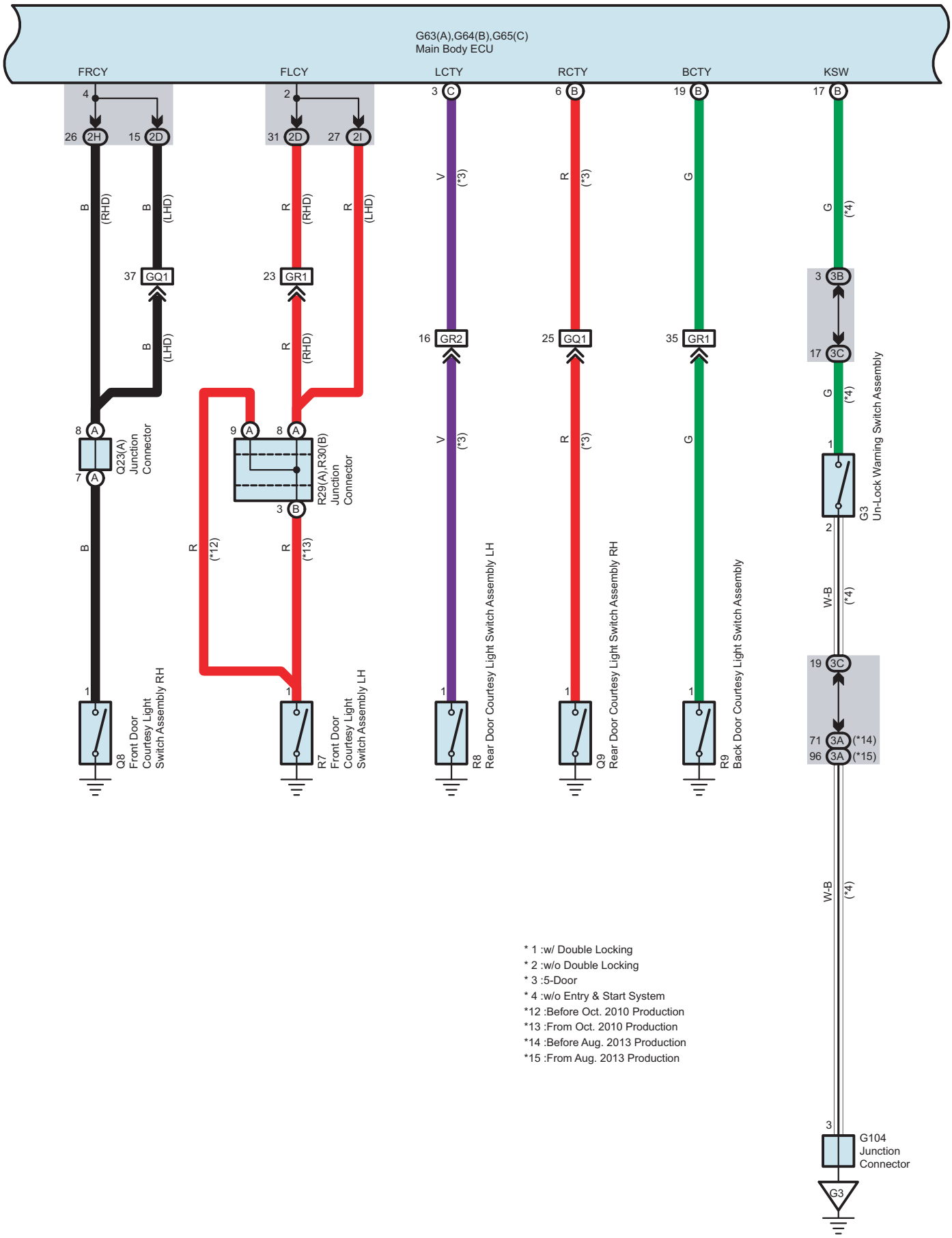
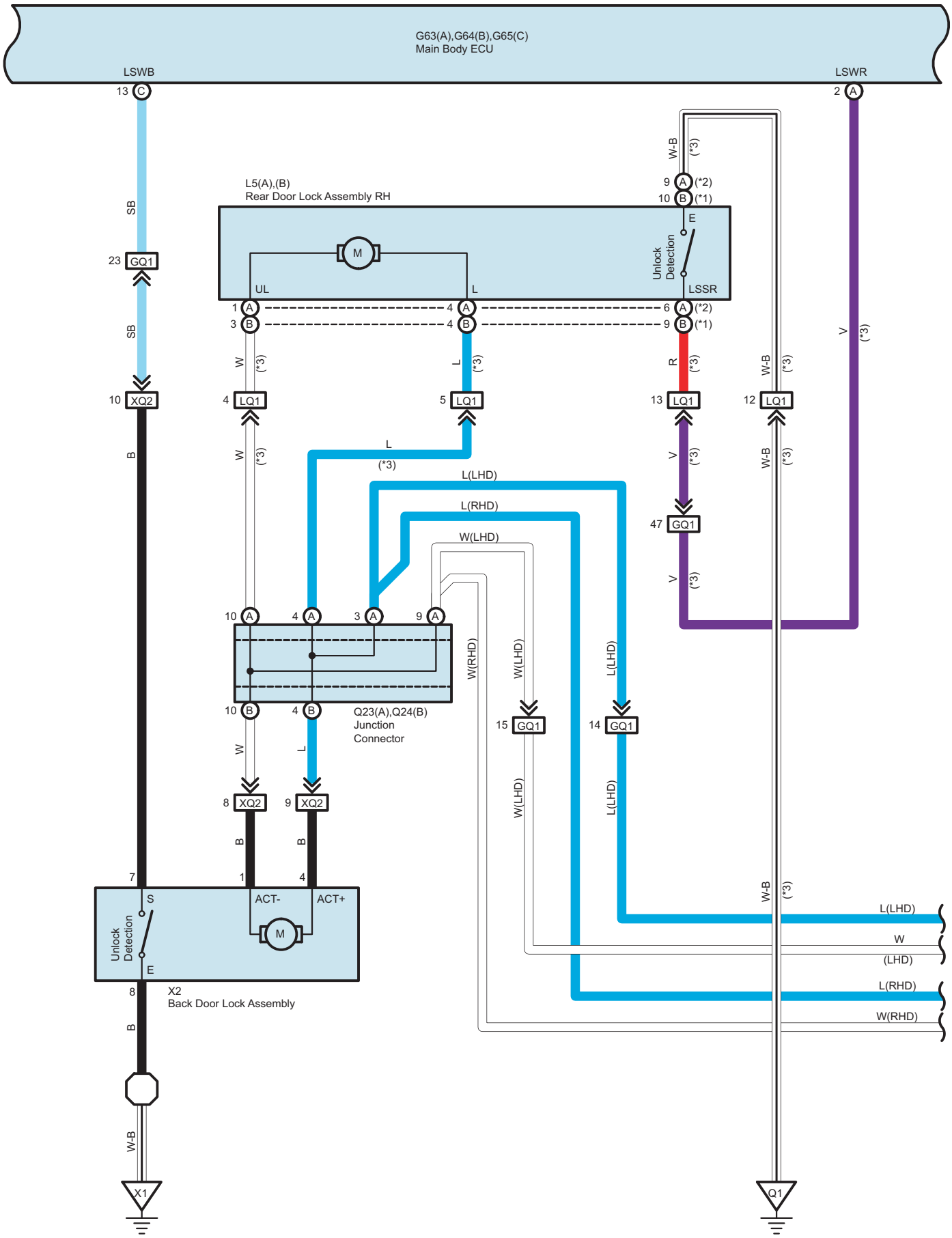
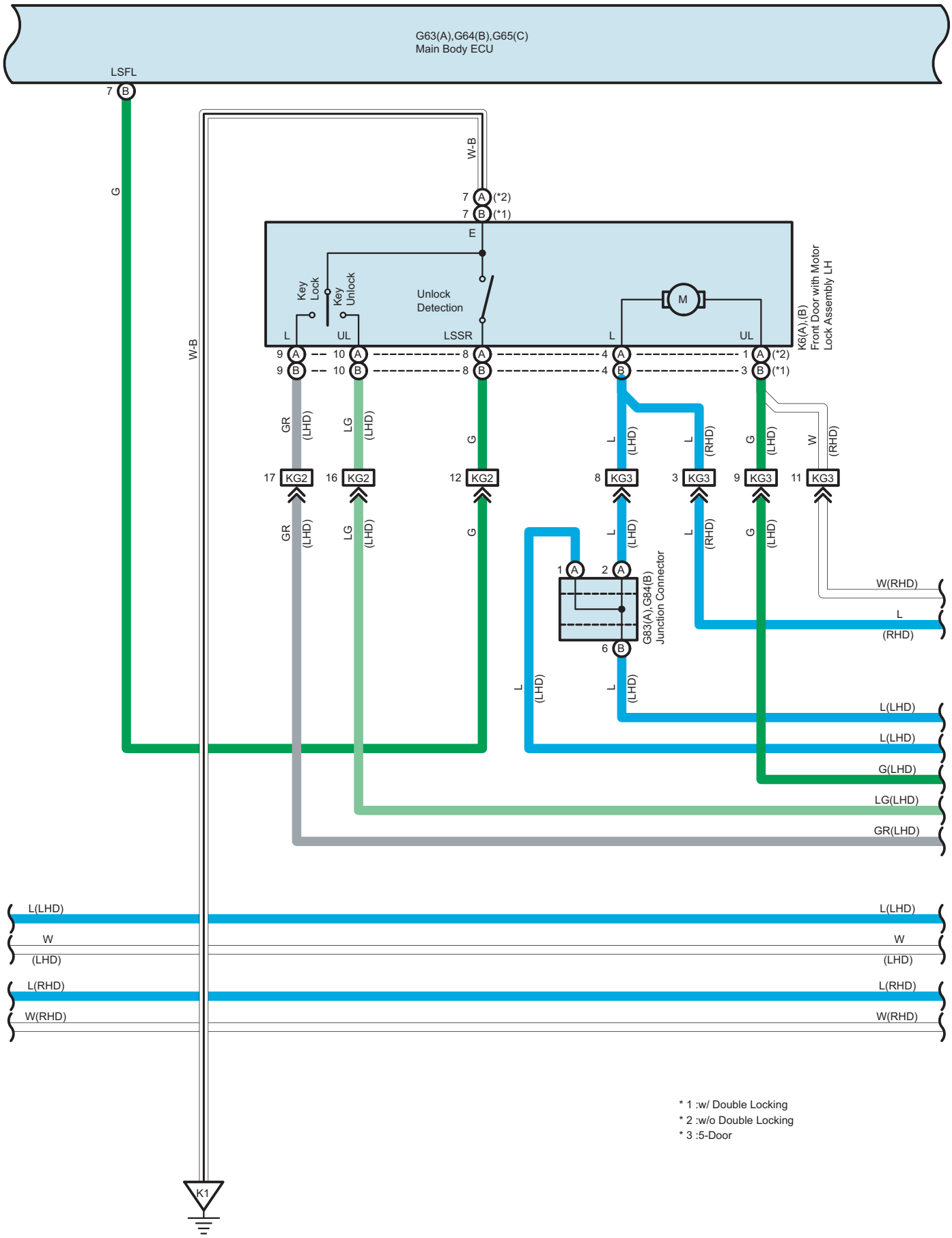

(BAT)
(ACC)
(IG)
10A
ECU-B
7.5A
ACC
10A
ECU-IG
NO.2
G63(A),G64(B),G65(C)
Main Body ECU
IG
ACC
BECU
2
32
29
30
1
39
2F
L


G63(A),G64(B),G65(C)
Main Body ECU
GND2
LIN2
3 A
16
11 2D
SB
34 3B
48 3C
SB
21 A (*12)
21 B (*13)
G92(A),G143(B)
Junction Connector
20 A (*12)
20 B (*13)
*12 :Before Oct. 2010 Production
*13 :From Oct. 2010 Production
*14 :Before Aug. 2013 Production
*15 From Aug. 2013 Production:
W-B (RHD)
W-B (LHD)
SB (LHD)
SB (RHD)
15 KG2
3 JG2
SB (LHD)
SB (RHD)
17
17
LIN1
LIN1
Control Circuit
Control Circuit
Door Lock Control Switch
Door Lock Control Switch
K4 Multiplex Network Master Switch Assembly
J9 Multiplex Network Master Switch Assembly
12 D
7 C
G128(C),G129(D)
Junction Connector
12 B (*14)
12 D (*15)
G81(A),G82(B)
G164(C),G165(D)
Junction Connector
7 A (*14)
7 C (*15)
W-B (RHD)
W-B (LHD)
4
G106
Junction Connector
G5

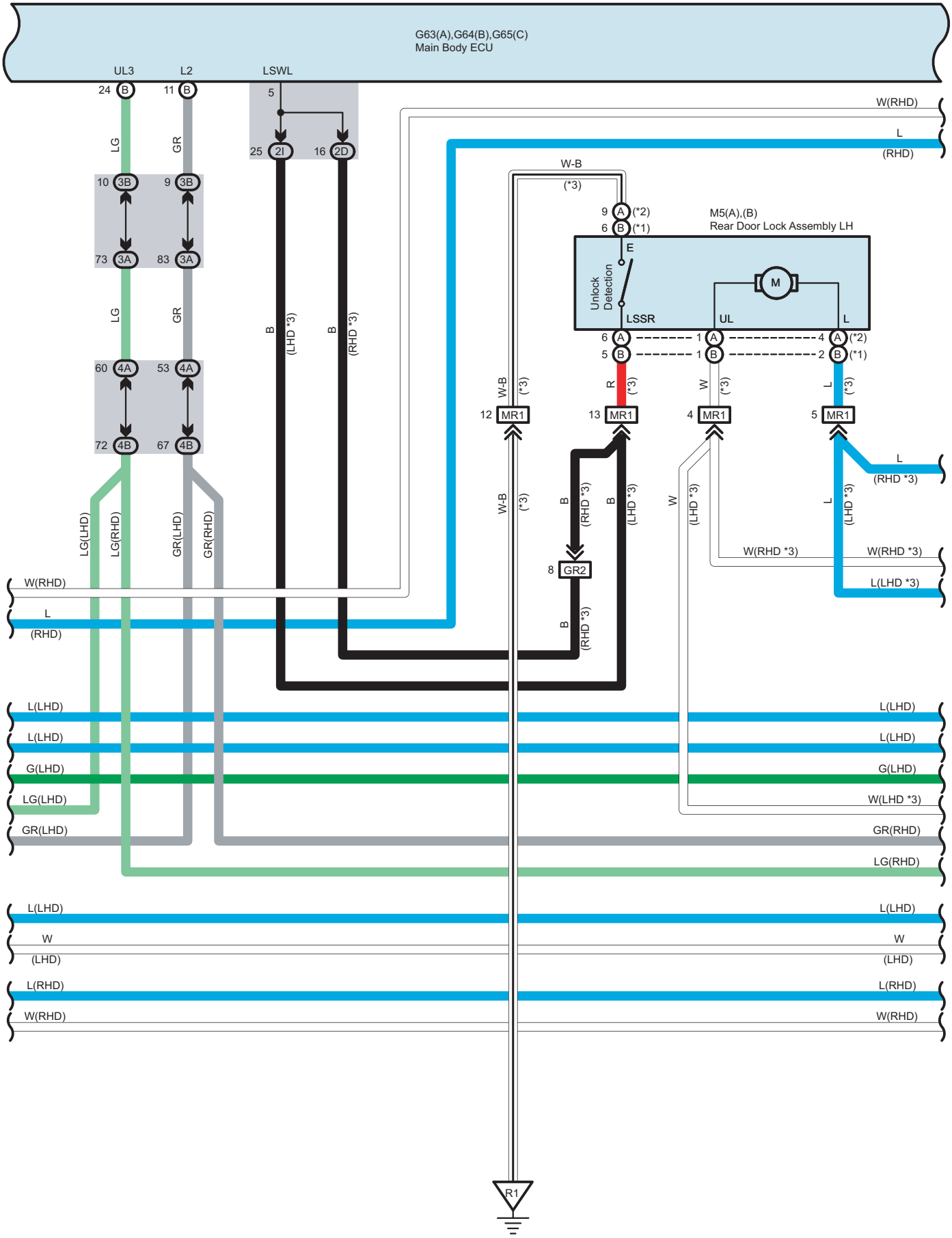


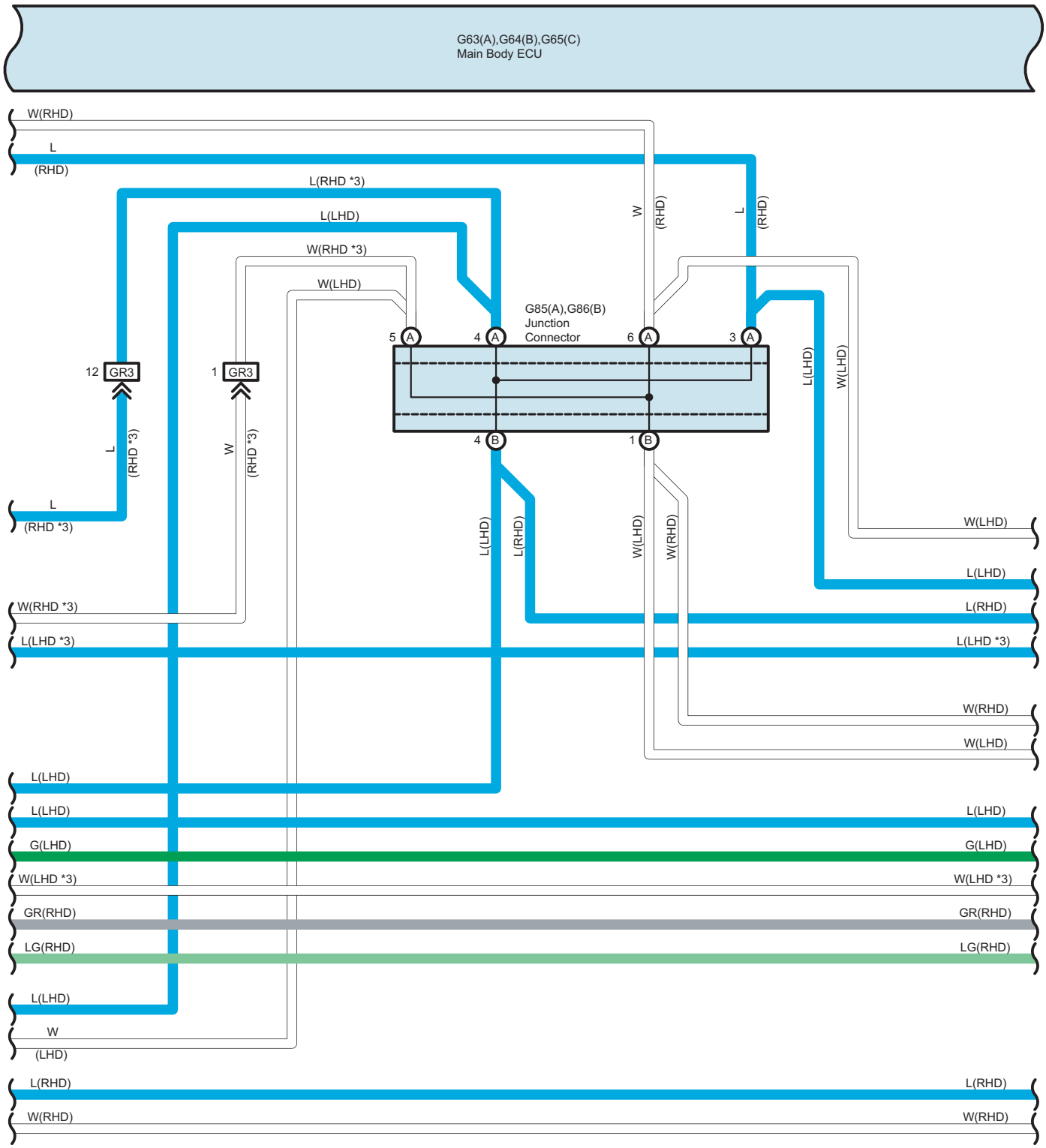
* 1 :w/ Double Locking
* 2 :w/o Double Locking
* 3 :5-Door
* 4 :w/o Entry & Start System
*12 :Before Oct. 2010 Production
*13 :From Oct. 2010 Production
*14 :Before Aug. 2013 Production
*15 :From Aug. 2013 Production


G63(A),G64(B),G65(C)
Main Body ECU
LSWB
LSWR
L5(A),(B)
Rear Door Lock Assembly RH
Unlock Detection
LSSR
UL
L
GQ1
XQ2
LQ1
Q23(A),Q24(B)
Junction
Connector
ACT-
ACT+
X2
Back Door Lock Assembly
X1
Q1
L(LHD)
L(RHD)
W(LHD)
W(RHD)
W
(LHD)

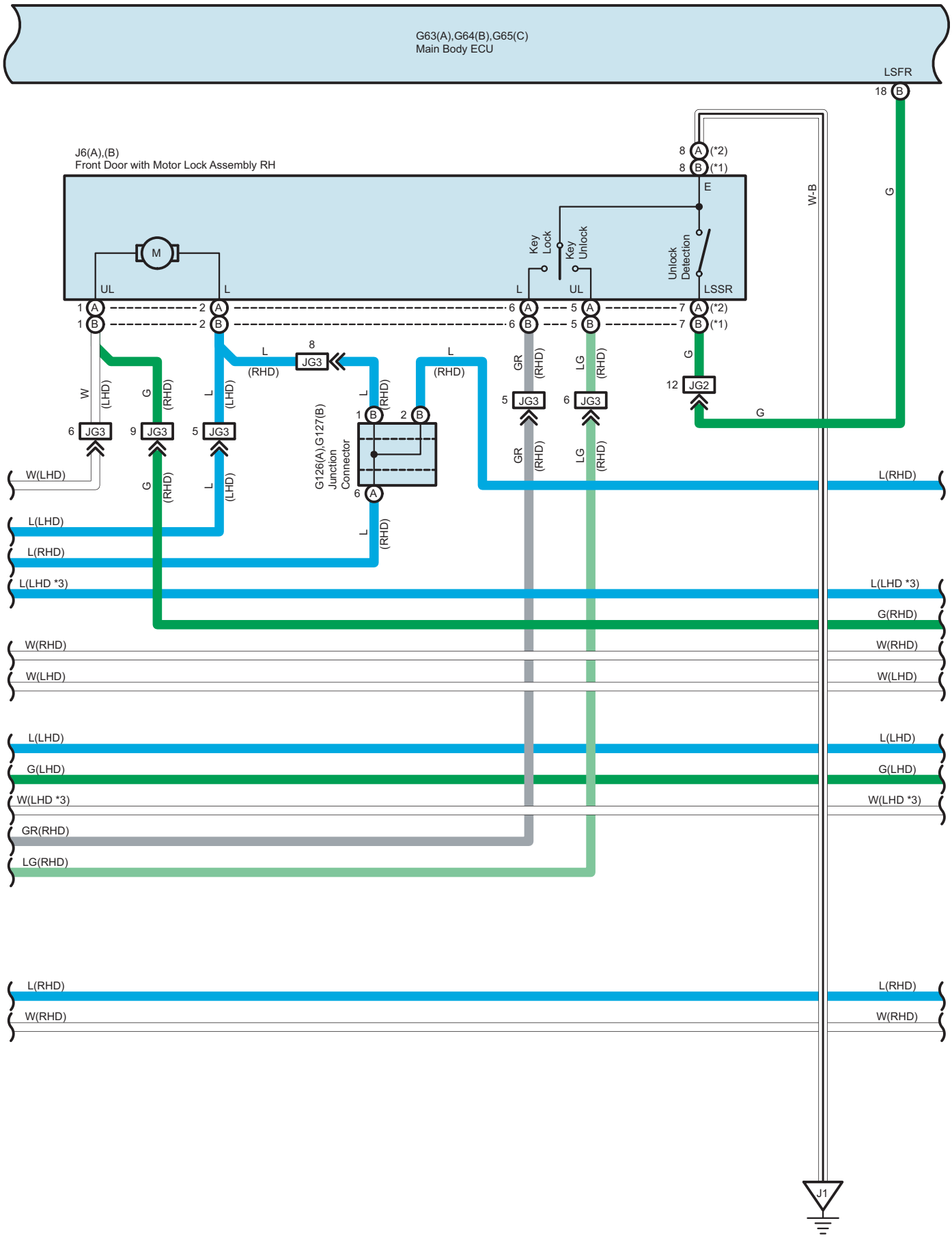


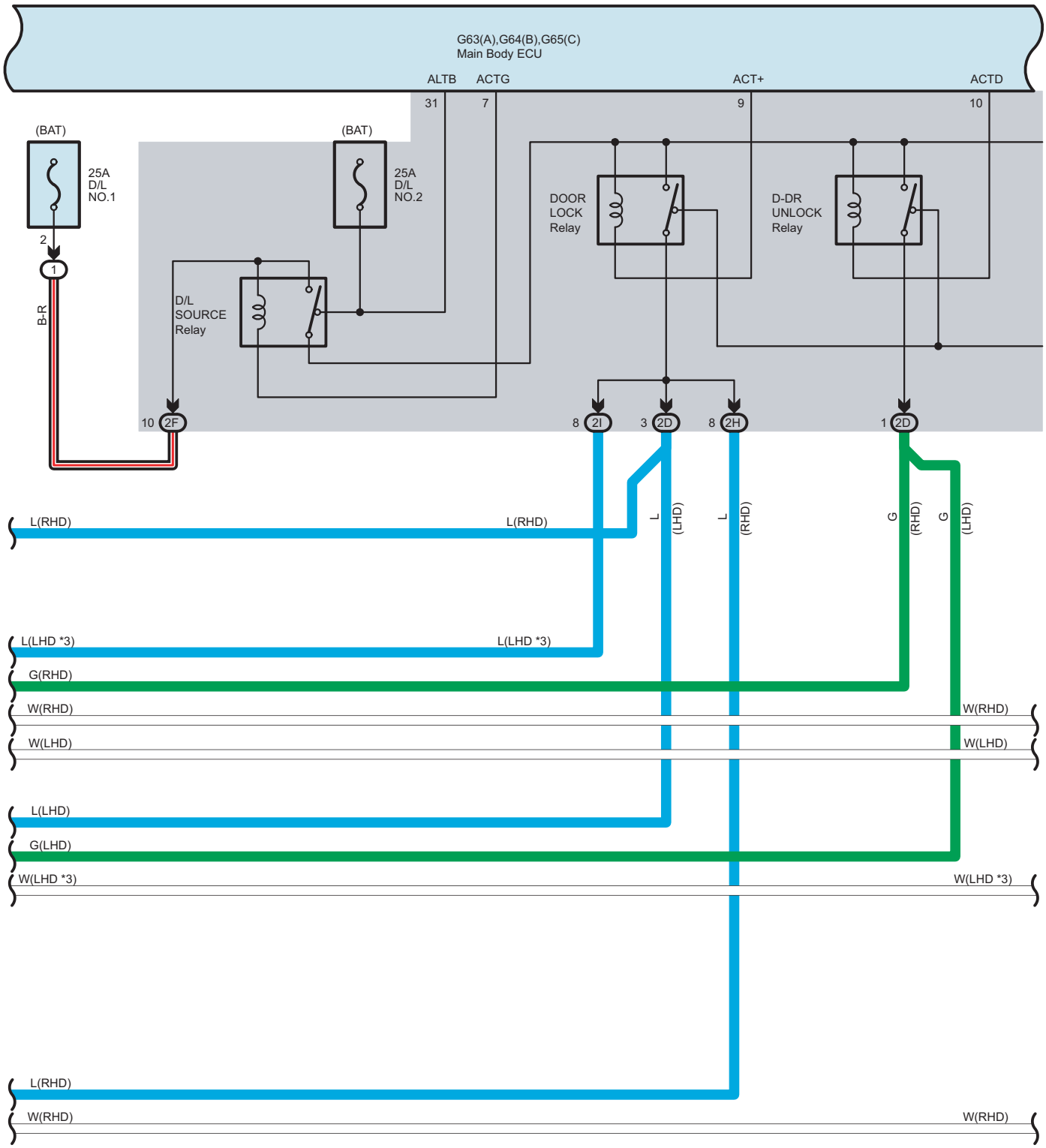
* 1 :w/ Double Locking
* 2 :w/o Double Locking
* 3 :5-Door


G63(A),G64(B),G65(C)
Main Body ECU
UL3
L2
LSWL
M5(A),(B)
Rear Door Lock Assembly LH
Unlock Detection
LSSR
UL
L
M
E
MR1
GR2
R1
W(RHD)
L
(RHD)
W-B
(*3)
(*2)
(*1)
(LHD *3)
(RHD *3)
LG(LHD)
LG(RHD)
GR(LHD)
GR(RHD)
L(LHD)
G(LHD)
LG(LHD)
GR(LHD)
W(LHD *3)
GR(RHD)
LG(RHD)
W
(LHD)
L(RHD)
W(RHD)

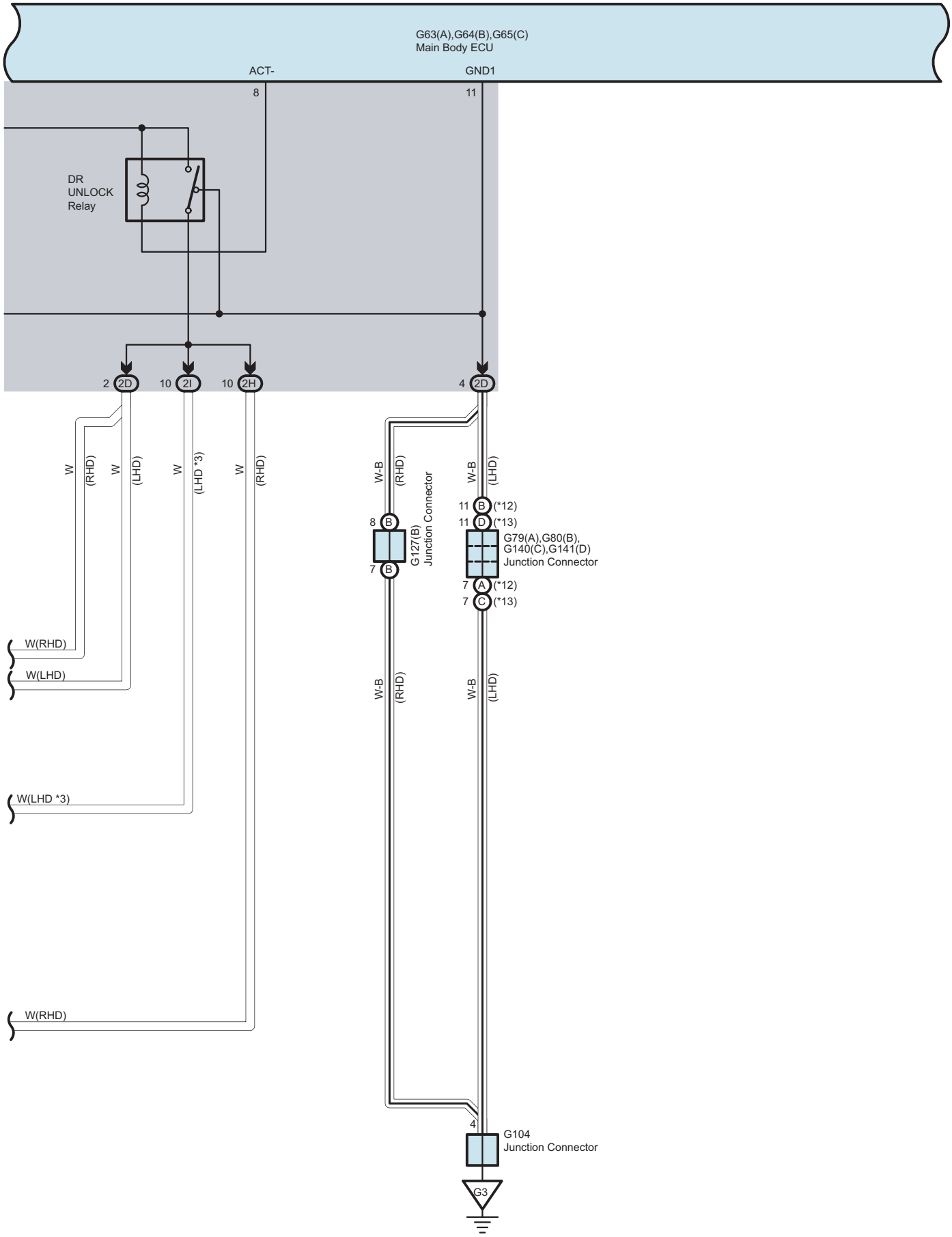


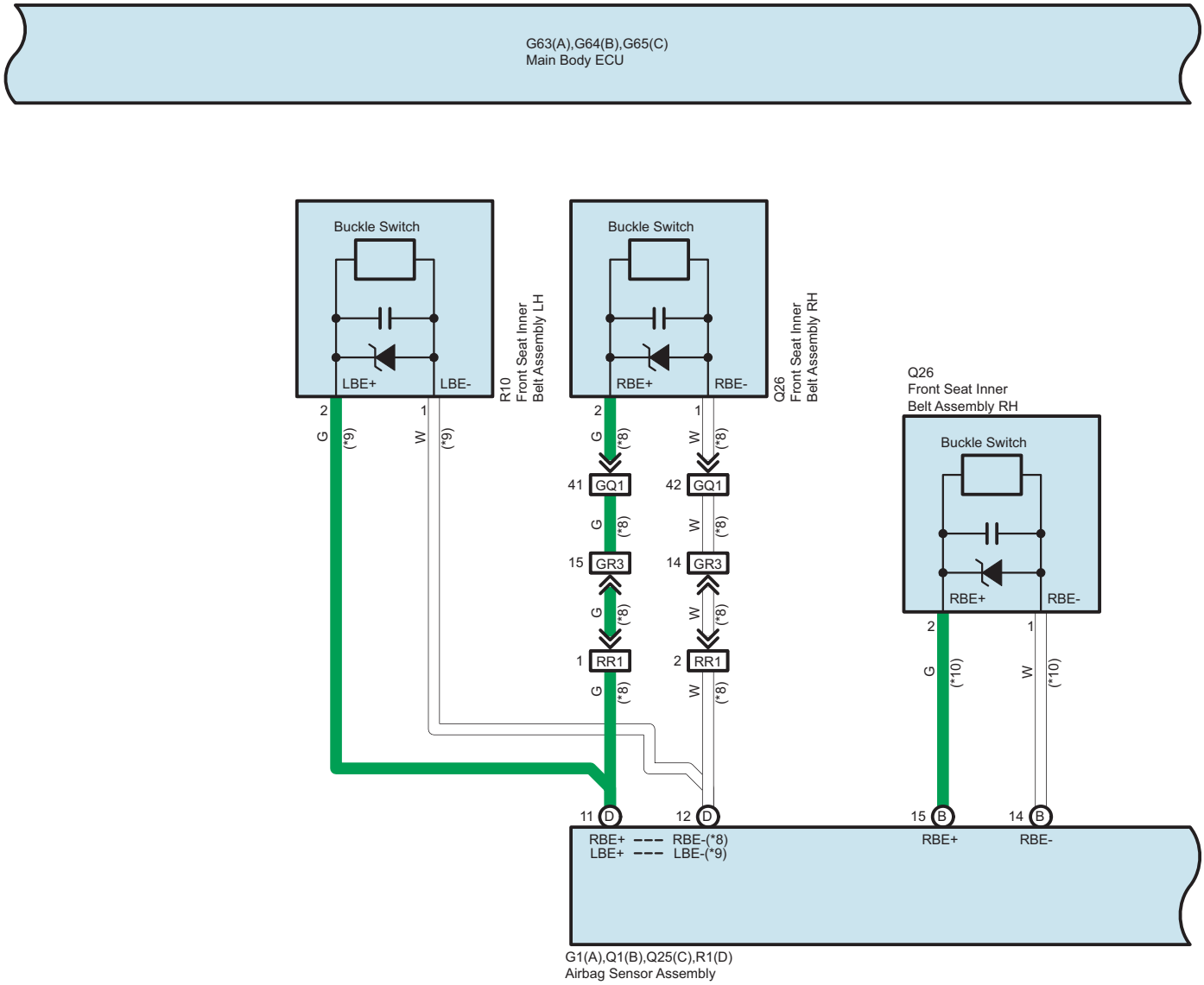
* 1 :w/ Double Locking
* 2 :w/o Double Locking
* 3 :5-Door


G63(A),G64(B),G65(C)
Main Body ECU
LSFR
18 B
J6(A),(B)
Front Door with Motor Lock Assembly RH
8 A (*2)
8 B (*1)
E
W-B
G
M
UL
L
Key Lock
Key Unlock
Unlock Detection
LSSR
1 A
1 B
2 A
2 B
6 A
6 B
5 A
5 B
7 A (*2)
7 B (*1)
W (LHD)
G (RHD)
L (LHD)
L (RHD)
8 JG3
6 JG3
9 JG3
5 JG3
5 JG3
6 JG3
12 JG2
GR (RHD)
LG (RHD)
G126(A),G127(B)
Junction Connector
1 B
2 B
6 A
W(LHD)
L(RHD)
L(LHD)
L(RHD)
L(LHD *3)
L(LHD *3)
G(RHD)
W(RHD)
W(RHD)
W(LHD)
W(LHD)
L(LHD)
L(LHD)
G(LHD)
G(LHD)
W(LHD *3)
W(LHD *3)
GR(RHD)
LG(RHD)
L(RHD)
L(RHD)
W(RHD)
W(RHD)
J1

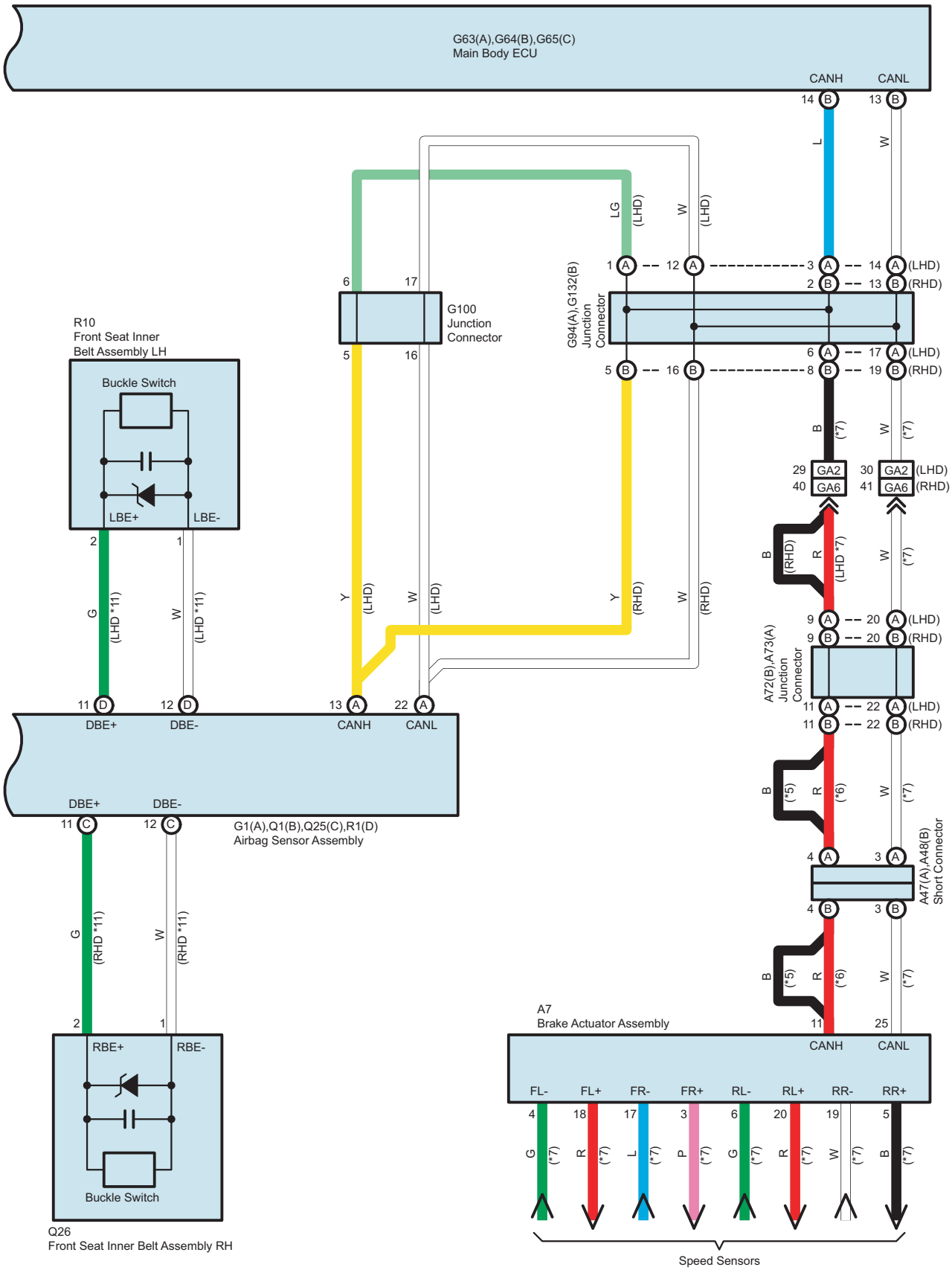


* 3 :5-Door
*12 :Before Oct. 2010 Production
*13 :From Oct. 2010 Production

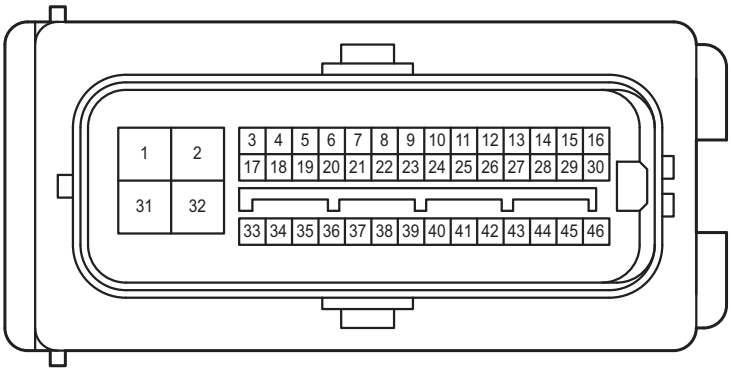

G63(A),G64(B),G65(C)
Main Body ECU
ACT-
GND1
8
11
DR
UNLOCK
Relay
2 2D
10 2I
10 2H
4 2D
W
(RHD)
W
(LHD)
W
(LHD *3)
W
(RHD)
W-B
(RHD)
W-B
(LHD)
11 B (*12)
11 D (*13)
8 B
7 B
G127(B)
Junction Connector
G79(A),G80(B),
G140(C),G141(D)
Junction Connector
7 A (*12)
7 C (*13)
W(RHD)
W(LHD)
W-B
(RHD)
W-B
(LHD)
W(LHD *3)
W(RHD)
4
G104
Junction Connector
G3



* 5 :LHD 1GR-FE, LHD 1KD-FTV
* 6 :RHD 1GR-FE, RHD 1KD-FTV
* 7 :1GR-FE,1KD-FTV
* 8 :RHD 5-Door w/ Curtain Shield Airbag
* 9 :LHD w/ Curtain Shield Airbag
*10 :RHD 3-Door w/ Curtain Shield Airbag
*11 :w/o Curtain Shield Airbag


G63(A),G64(B),G65(C)
Main Body ECU
CANH
CANL
G100
Junction
Connector
G94(A),G132(B)
Junction
Connector
R10
Front Seat Inner
Belt Assembly LH
Buckle Switch
LBE+
LBE-
DBE+
DBE-
CANH
CANL
G1(A),Q1(B),Q25(C),R1(D)
Airbag Sensor Assembly
A72(B),A73(A)
Junction
Connector
A47(A),A48(B)
Short Connector
A7
Brake Actuator Assembly
FL-
FL+
FR-
FR+
RL-
RL+
RR-
RR+
RBE+
RBE-
Buckle Switch
Q26
Front Seat Inner Belt Assembly RH
Speed Sensors

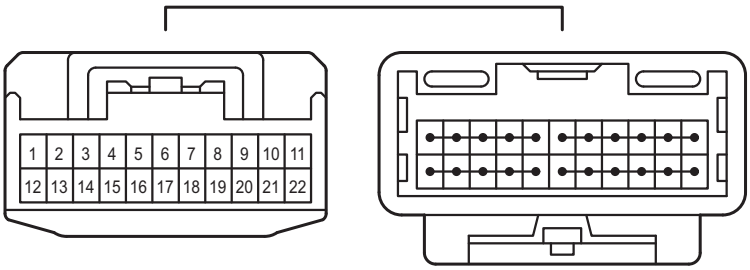
A7
Black



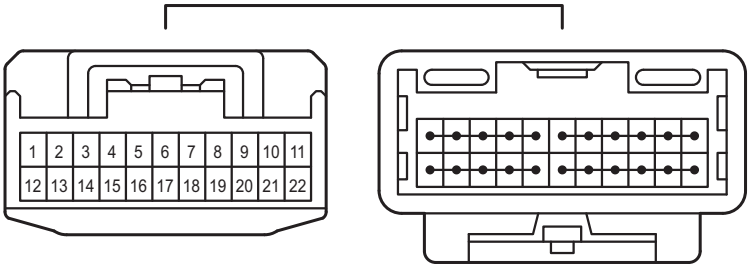
A47
Gray

A48
Gray

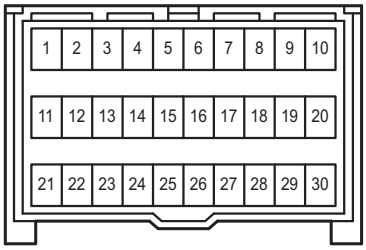
A72
White



A73
White

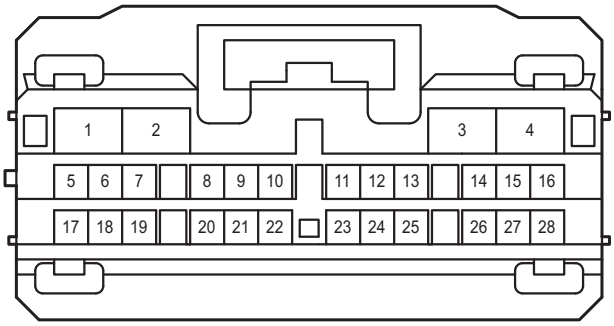


G1
Yellow

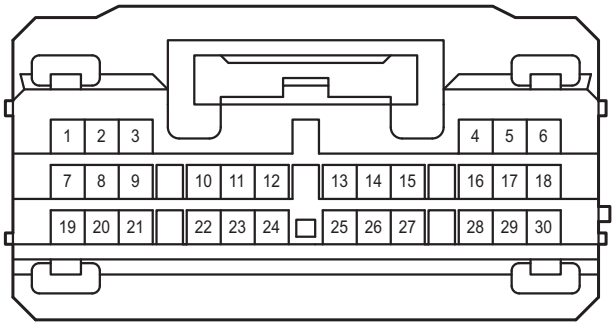


G3
White

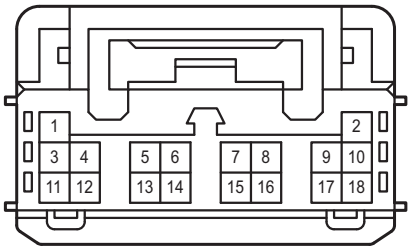
G63
White



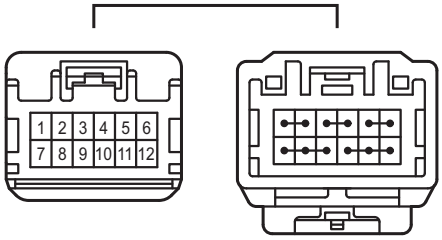
G64
White



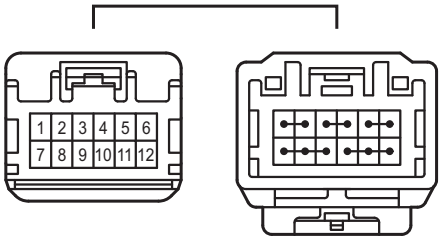
G65
White



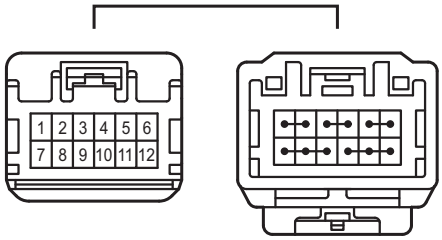
G79
White



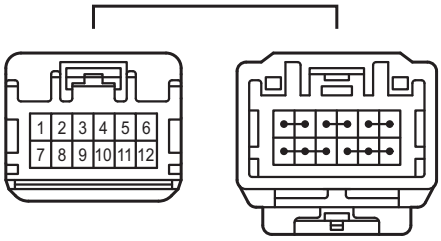
G80
White



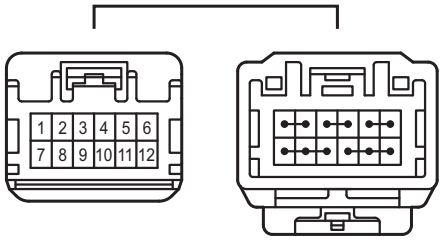
G81
White



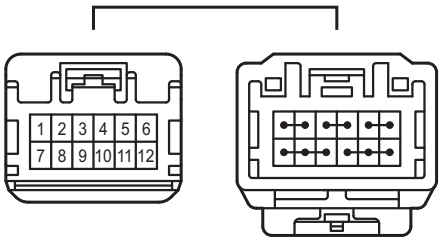
G82
White



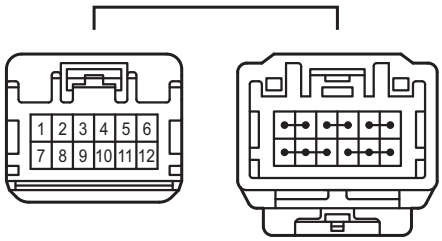
G83
Black



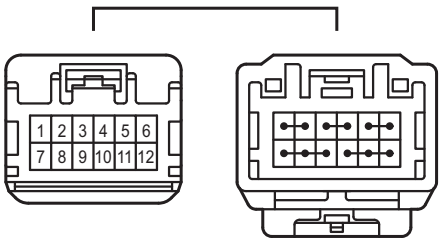
G84
Black



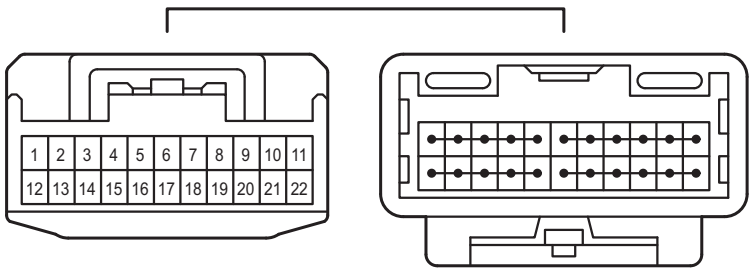
G85
Black



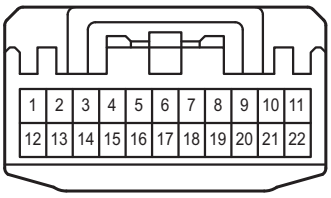
G86
Black



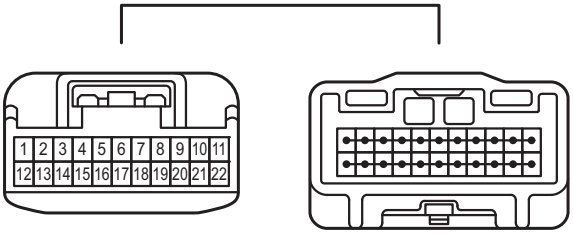
G92
White



G94
White



G100
Gray



G104
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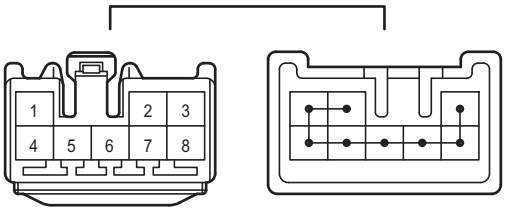
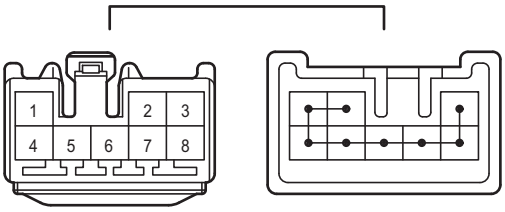
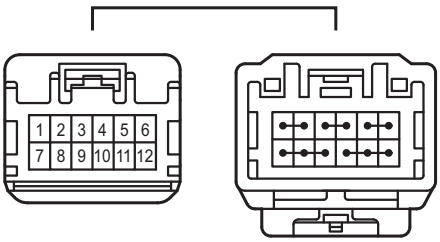


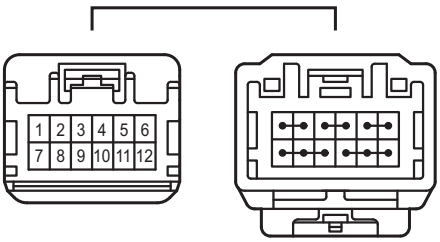
G106
White



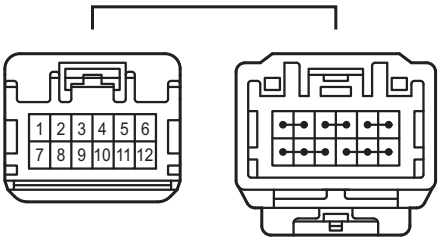
G126
Black



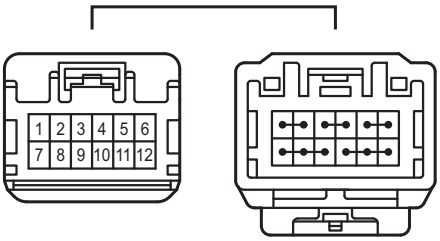
G127
Black



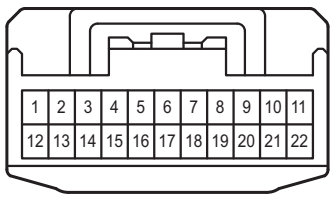
G128
Black



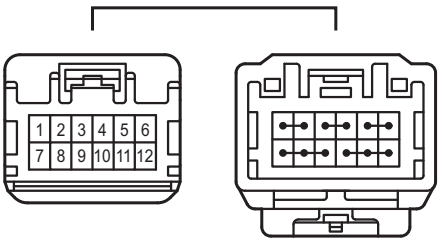
G129
Black



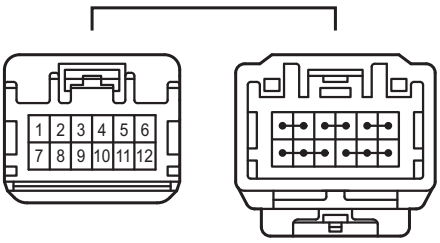
G132
Gray



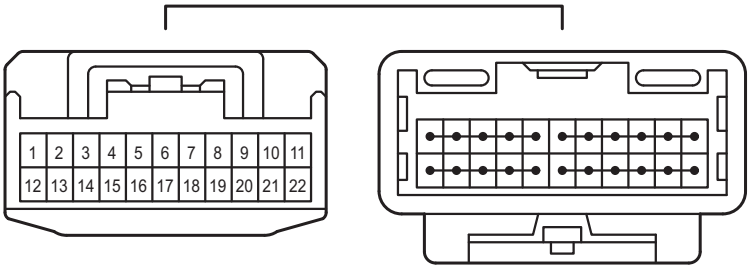
G140
Black



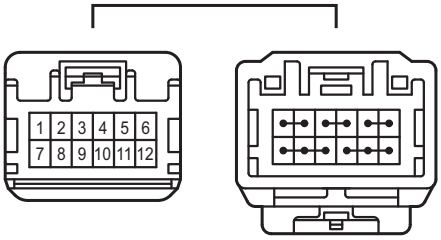
G141
Black



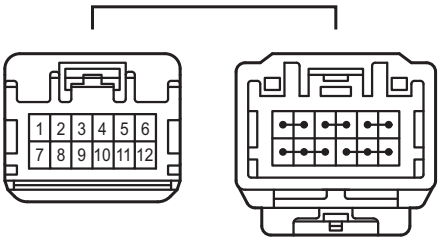
G143
Black



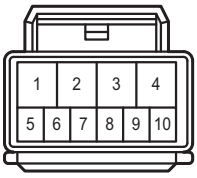
G164
Black



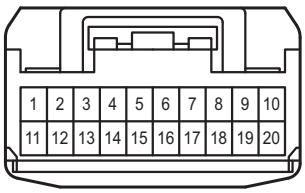
G165
Black



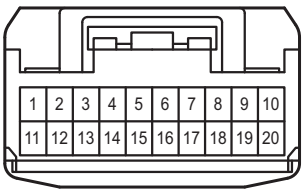
J6
White



J9
White



K4
White

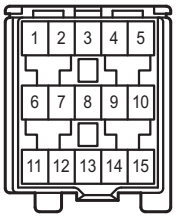


K6
White

L5
White

M5
White

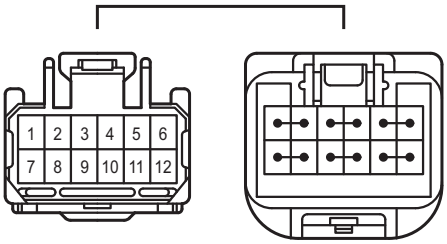
Q1
Yellow



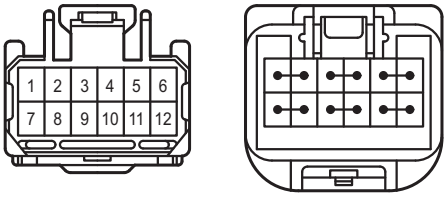
Q8
Black

Q9
White

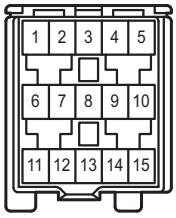
Q23
White



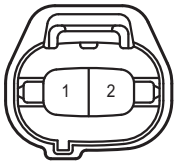
Q24
White



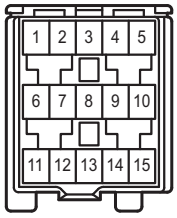
Q25
Yellow



Q26
Gray



R1
Yellow

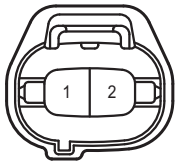


R7
Black

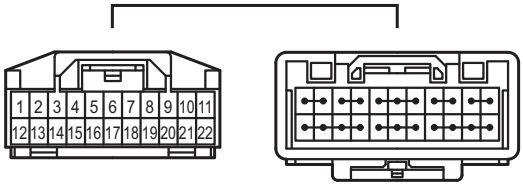
R8
White

R9
Black

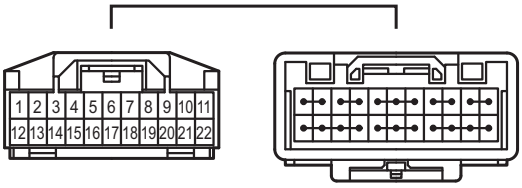
R10
Gray



R29
Blue



R30
Blue



X2
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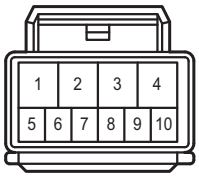
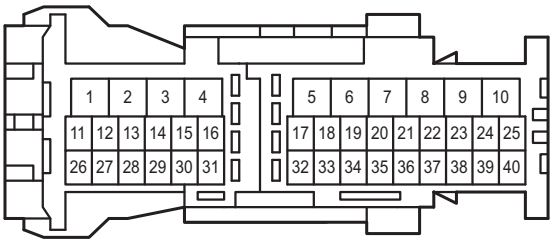
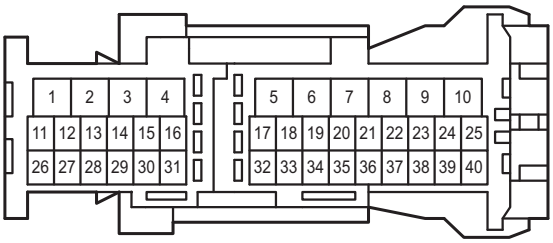


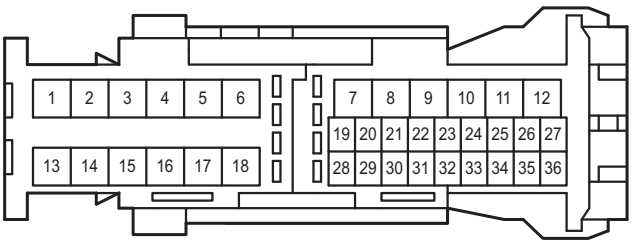
2D
White



2F
White



2H
White



2I
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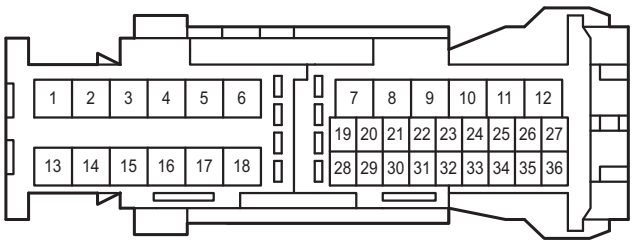
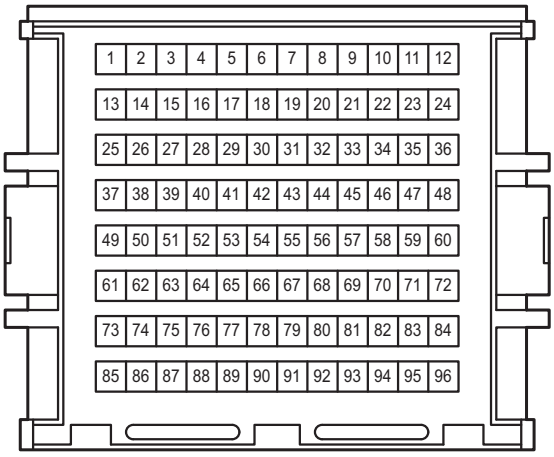
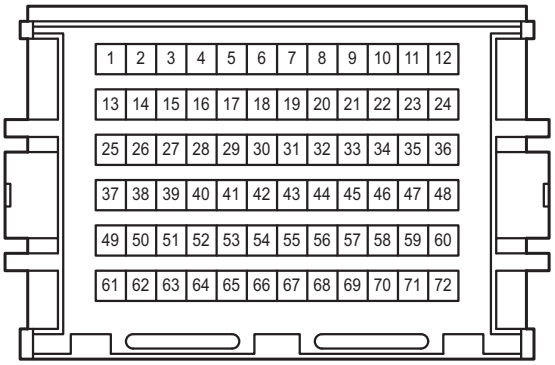


3A
White



3B
White



3C
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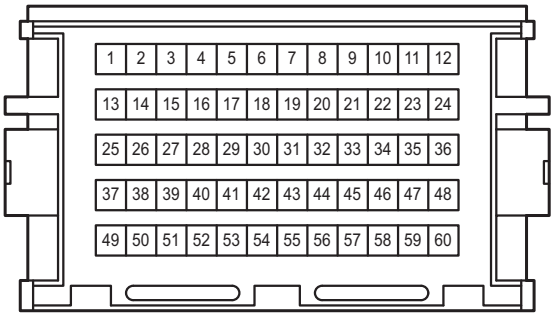

4A
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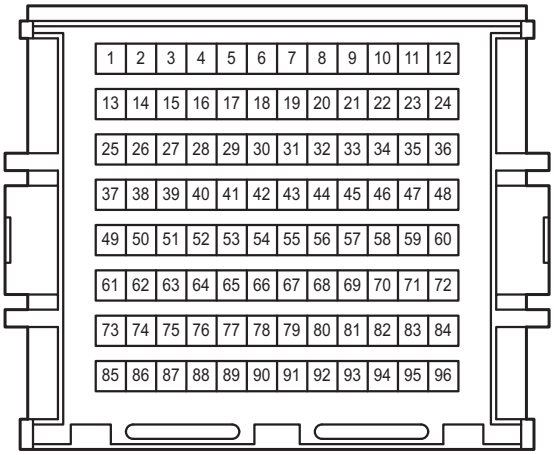

4B
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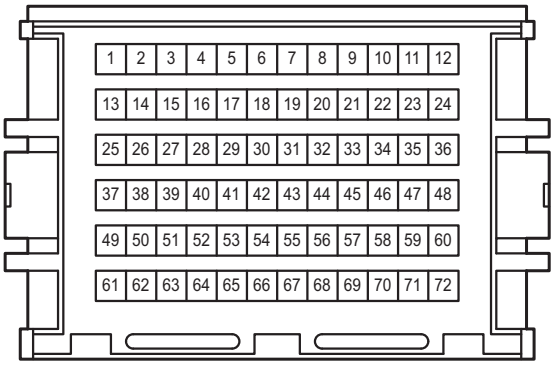
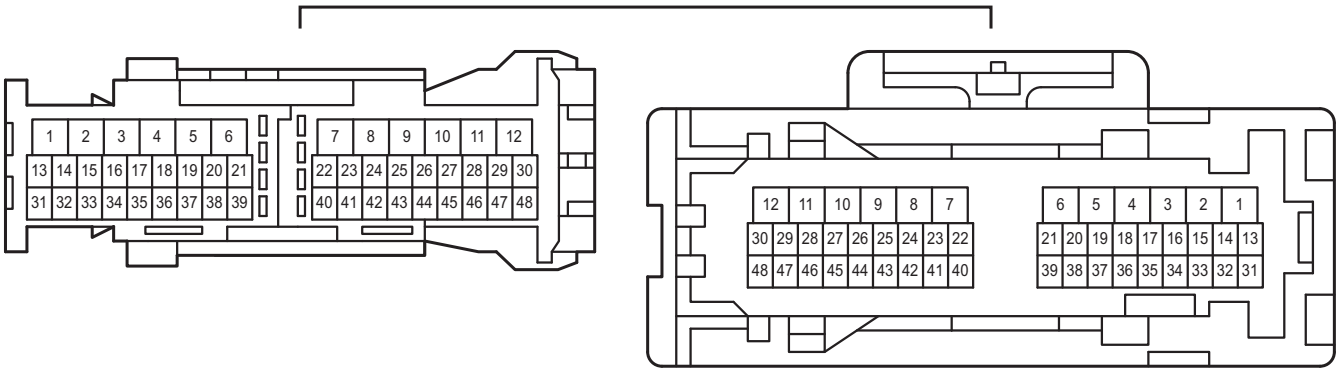


GA2
White



GA6
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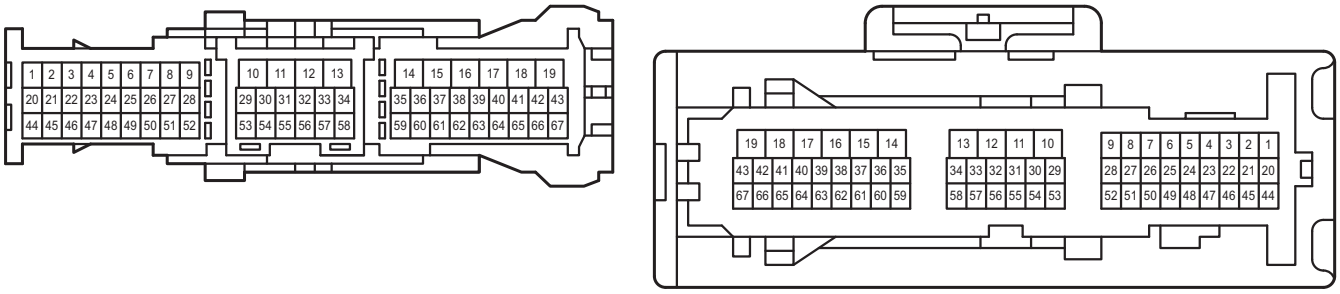
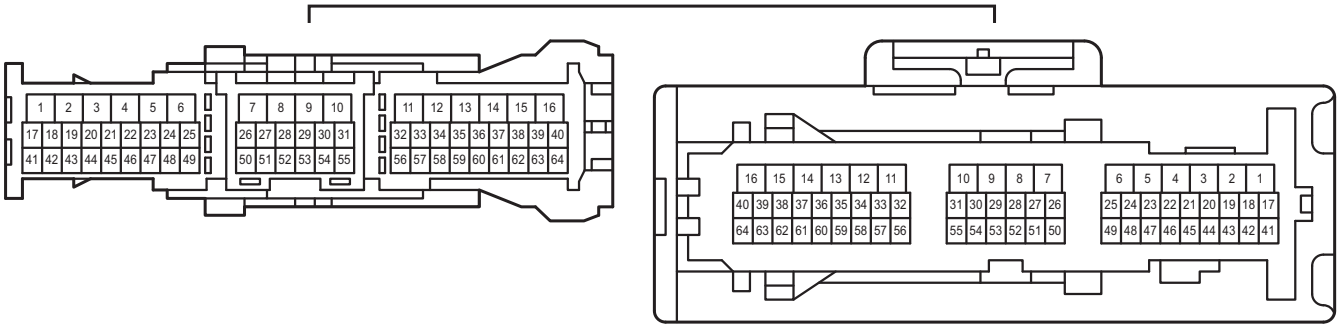


GQ1
White



GR1
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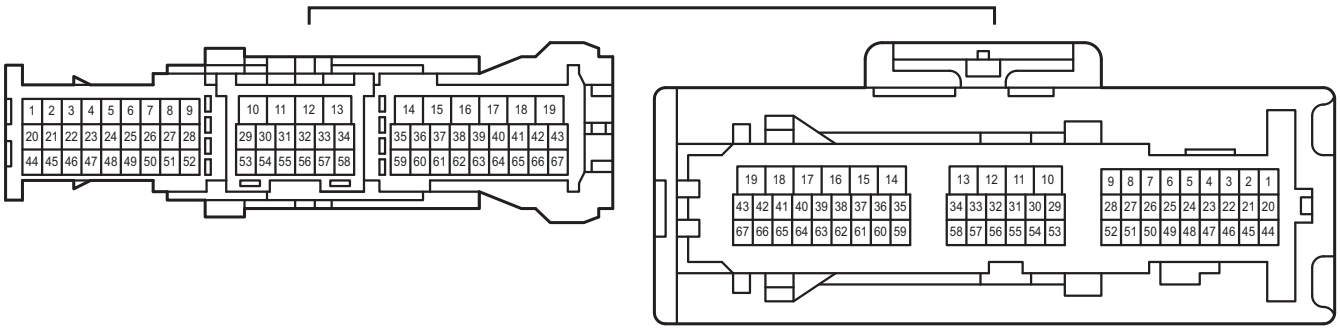
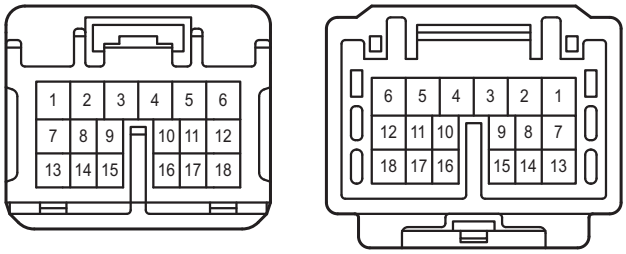
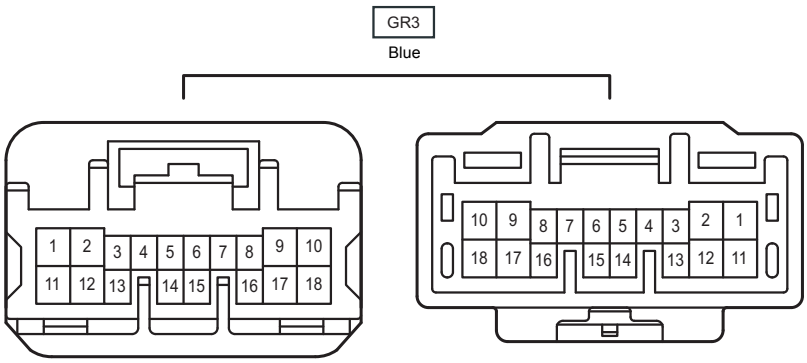
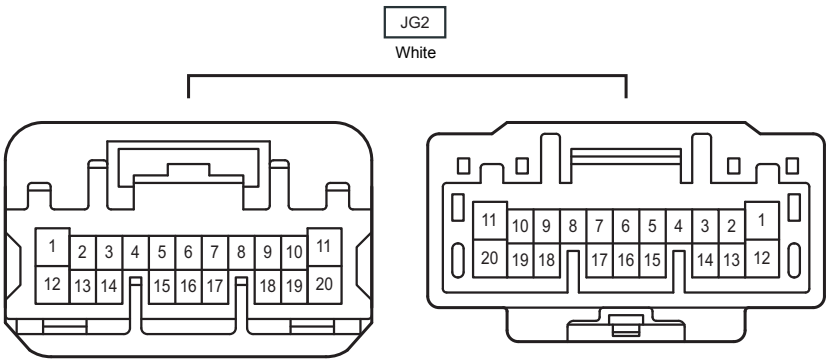
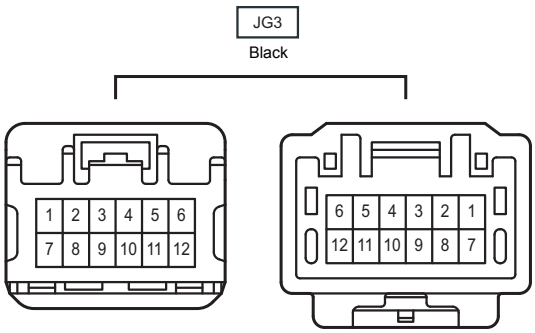


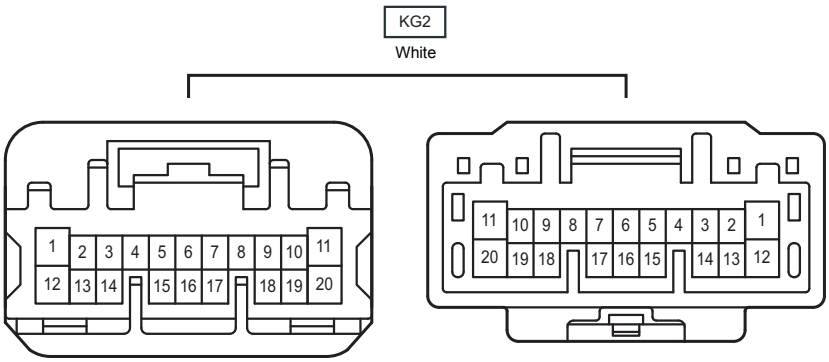
GR2
Gray




GR3
Blue
1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18
10 9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11


JG2
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12


JG3
Black
1 2 3 4 5 6
7 8 9 10 11 12
6 5 4 3 2 1
12 11 10 9 8 7


KG2
White
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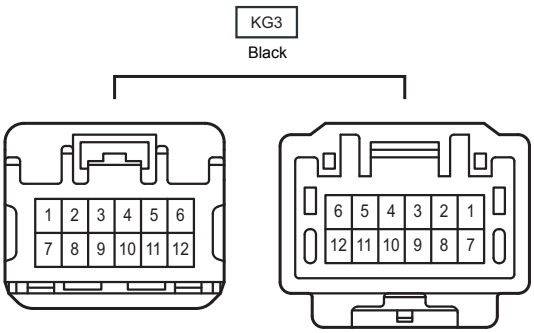
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12


KG3
Black
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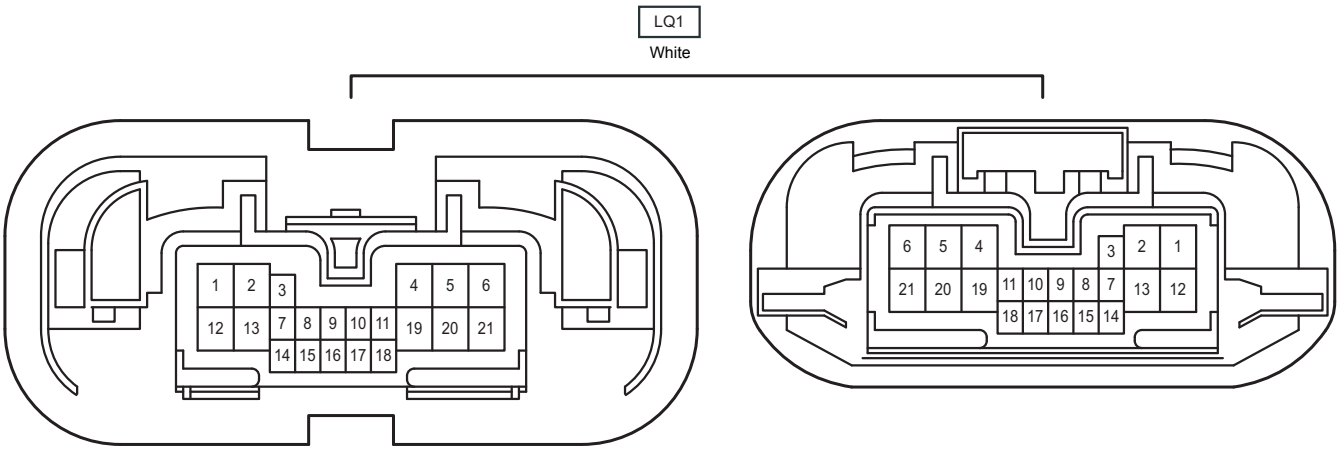
7 8 9 10 11 12
6 5 4 3 2 1
12 11 10 9 8 7


LQ1
White
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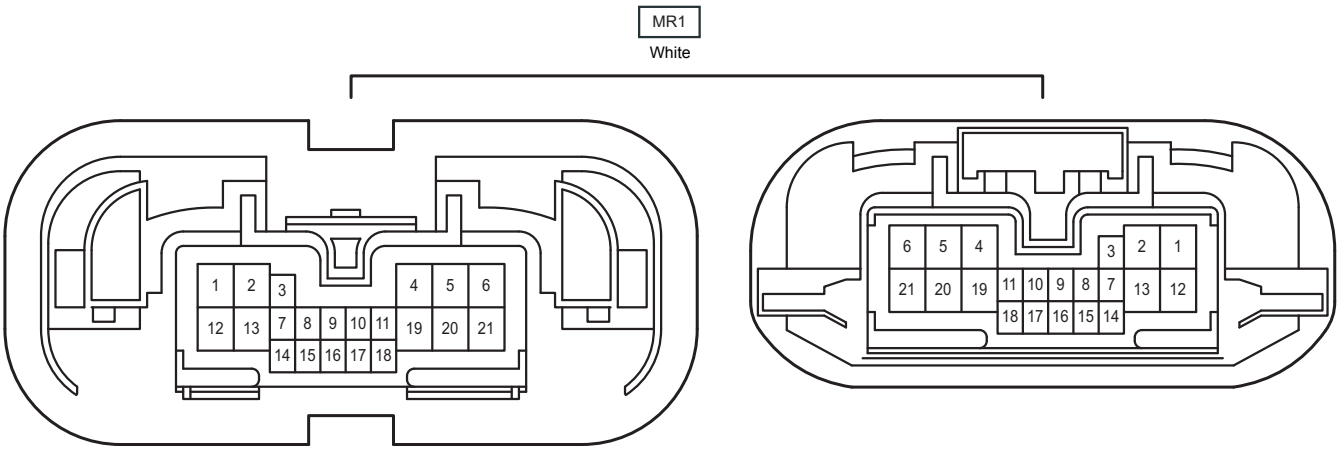
12 13 7 8 9 10 11 19 20 21
14 15 16 17 18
6 5 4 3 2 1
21 20 19 11 10 9 8 7 13 12
18 17 16 15 14


MR1
White
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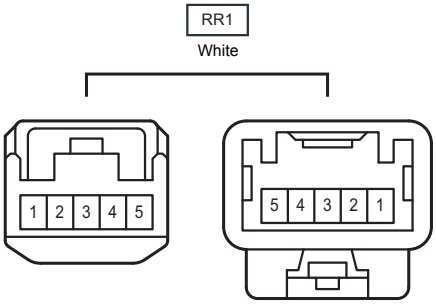
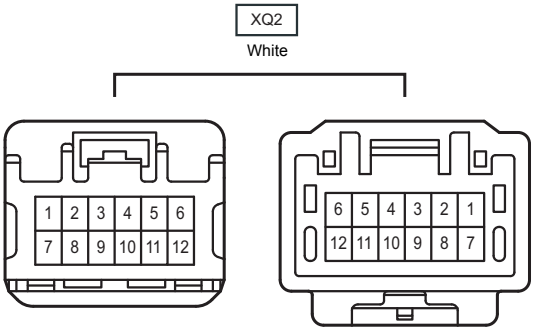
14 15 16 17 18
6 5 4 3 2 1
21 20 19 11 10 9 8 7 13 12
18 17 16 15 14


RR1
White
1 2 3 4 5
5 4 3 2 1


XQ2
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