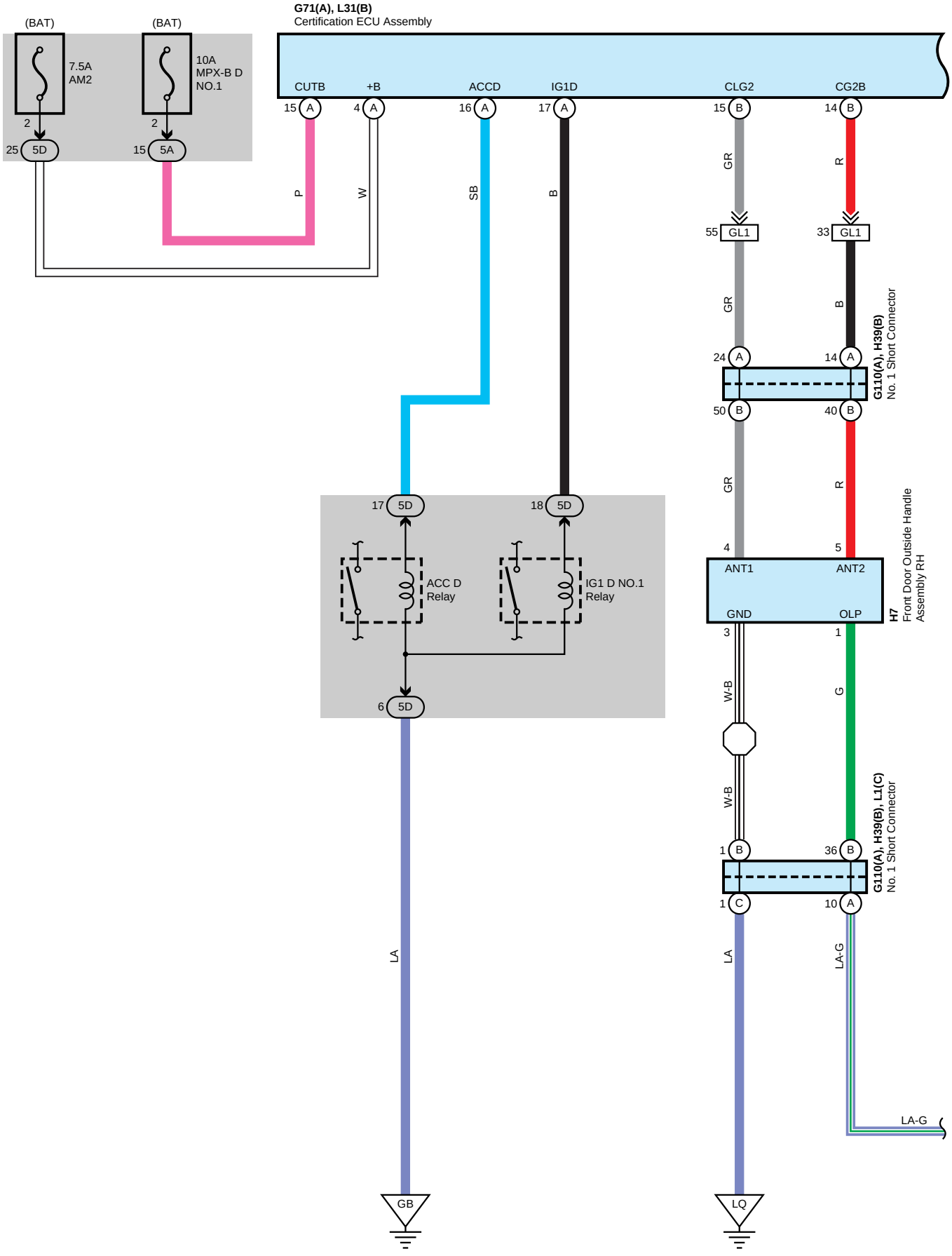
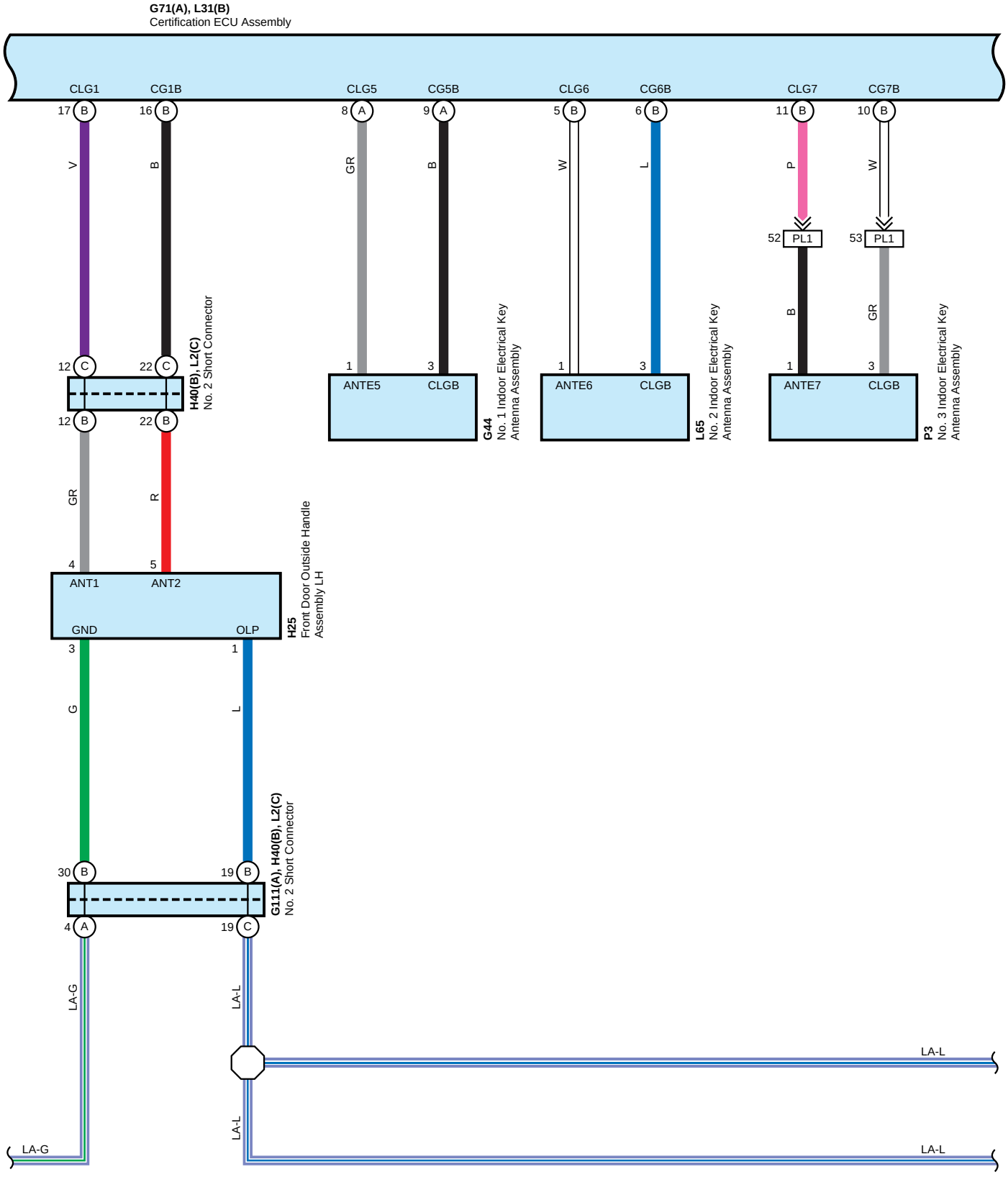
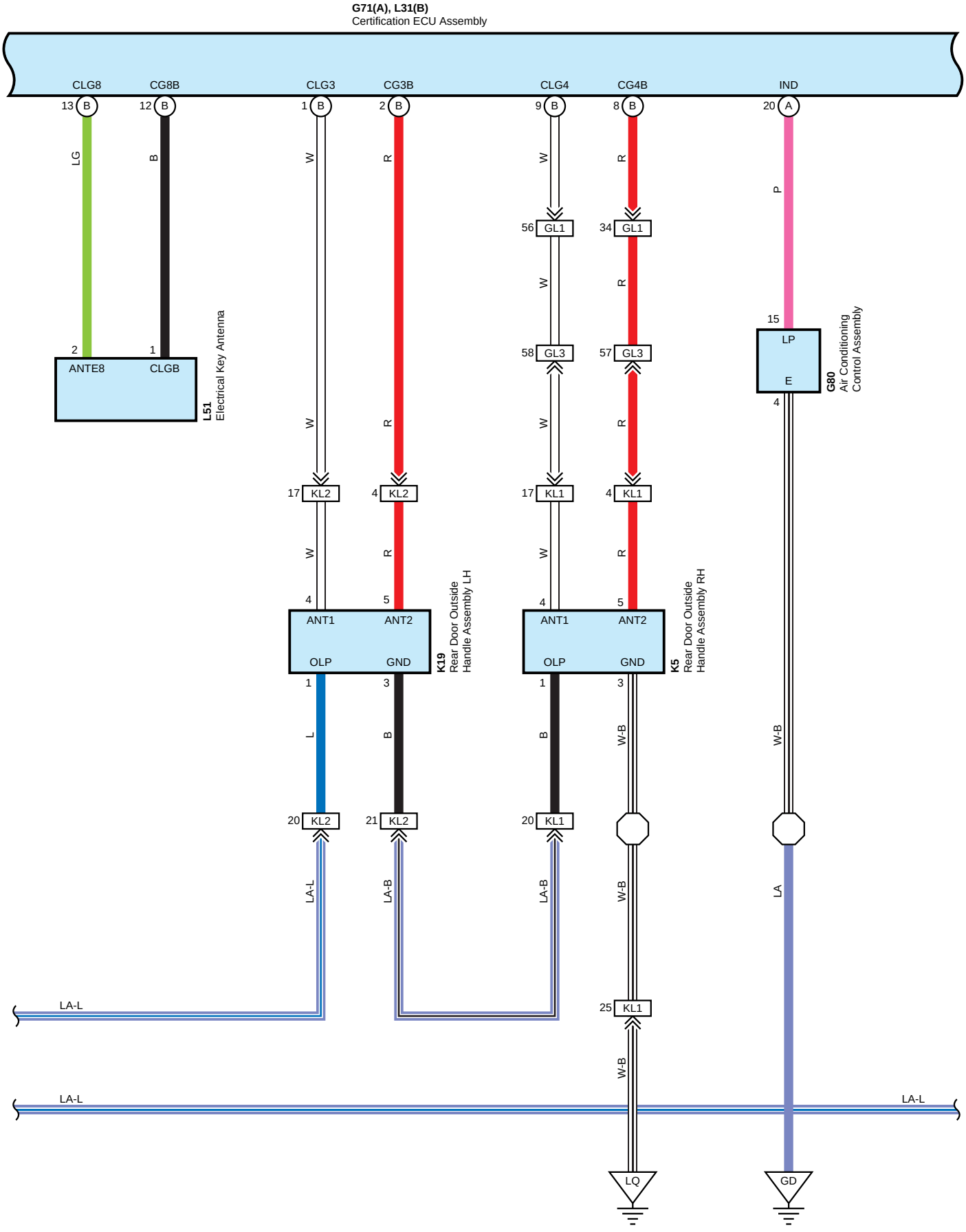
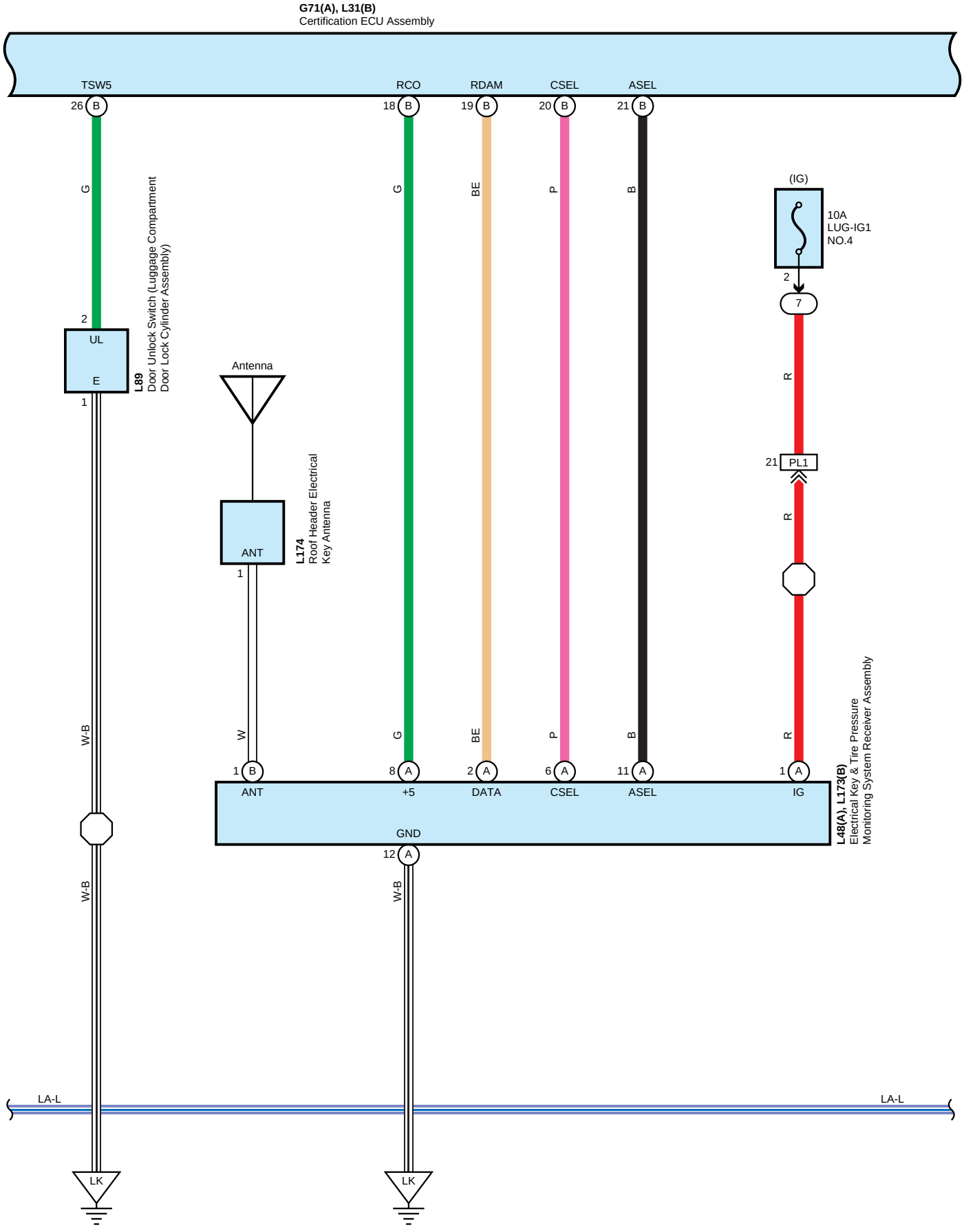
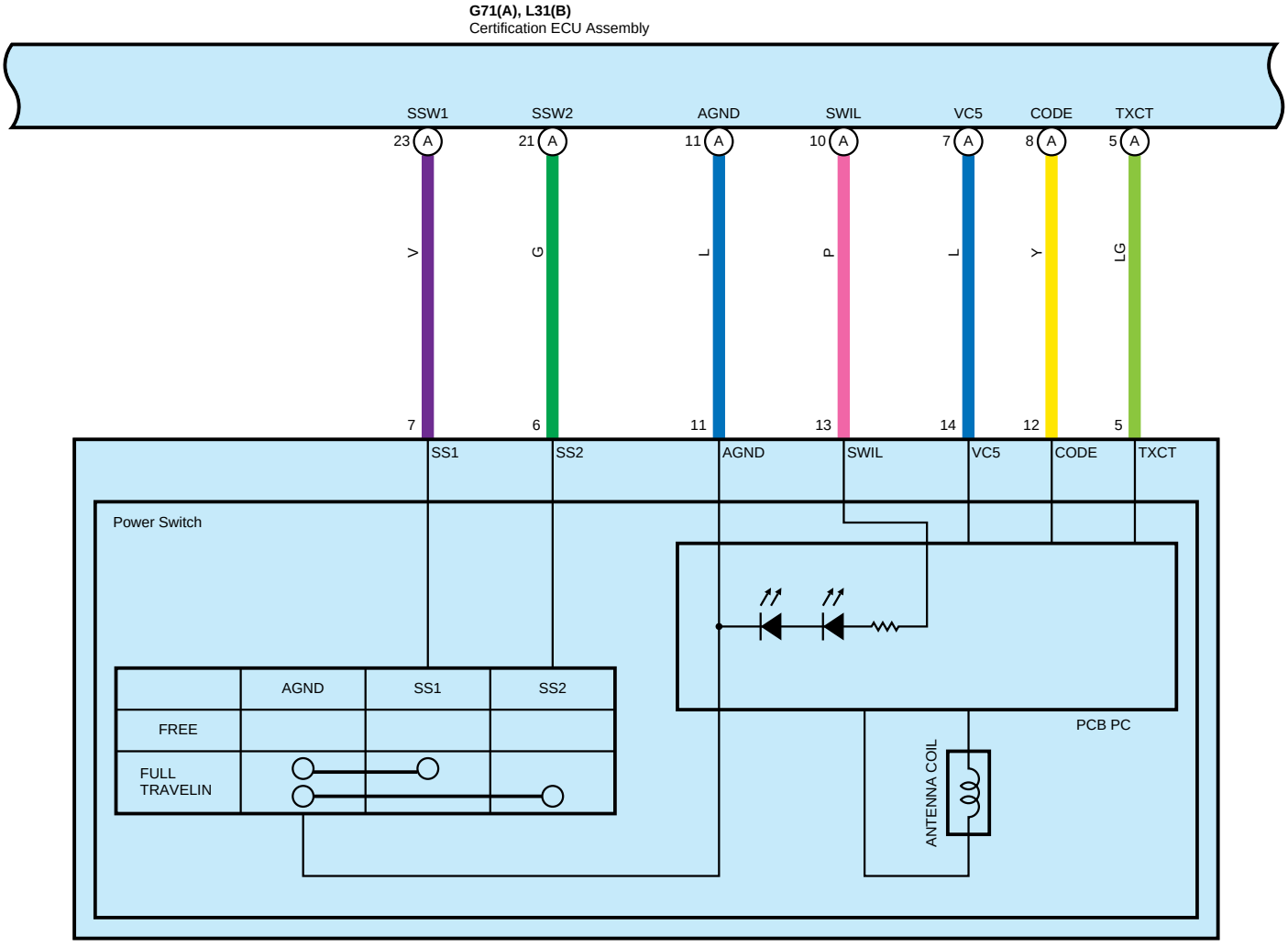

G71(A), L31(B)
Certification ECU Assembly
(BAT)
(BAT)
7.5A
AM2
10A
MPX-B D
NO.1
CUTB
+B
ACCD
IG1D
CLG2
CG2B
15 A
4 A
16 A
17 A
15 B
14 B
2
2
25 5D
15 5A
P
W
SB
B
GR
R
55 GL1
33 GL1
GR
B
24 A
14 A
50 B
40 B
G110(A), H39(B)
No. 1 Short Connector
GR
R
17 5D
18 5D
ACC D
Relay
IG1 D NO.1
Relay
6 5D
4
5
ANT1
ANT2
GND
OLP
H7
Front Door Outside Handle
Assembly RH
3
1
W-B
G
W-B
1 B
36 B
1 C
10 A
G110(A), H39(B), L1(C)
No. 1 Short Connector
LA
LA
LA-G
LA-G
GB
LQ

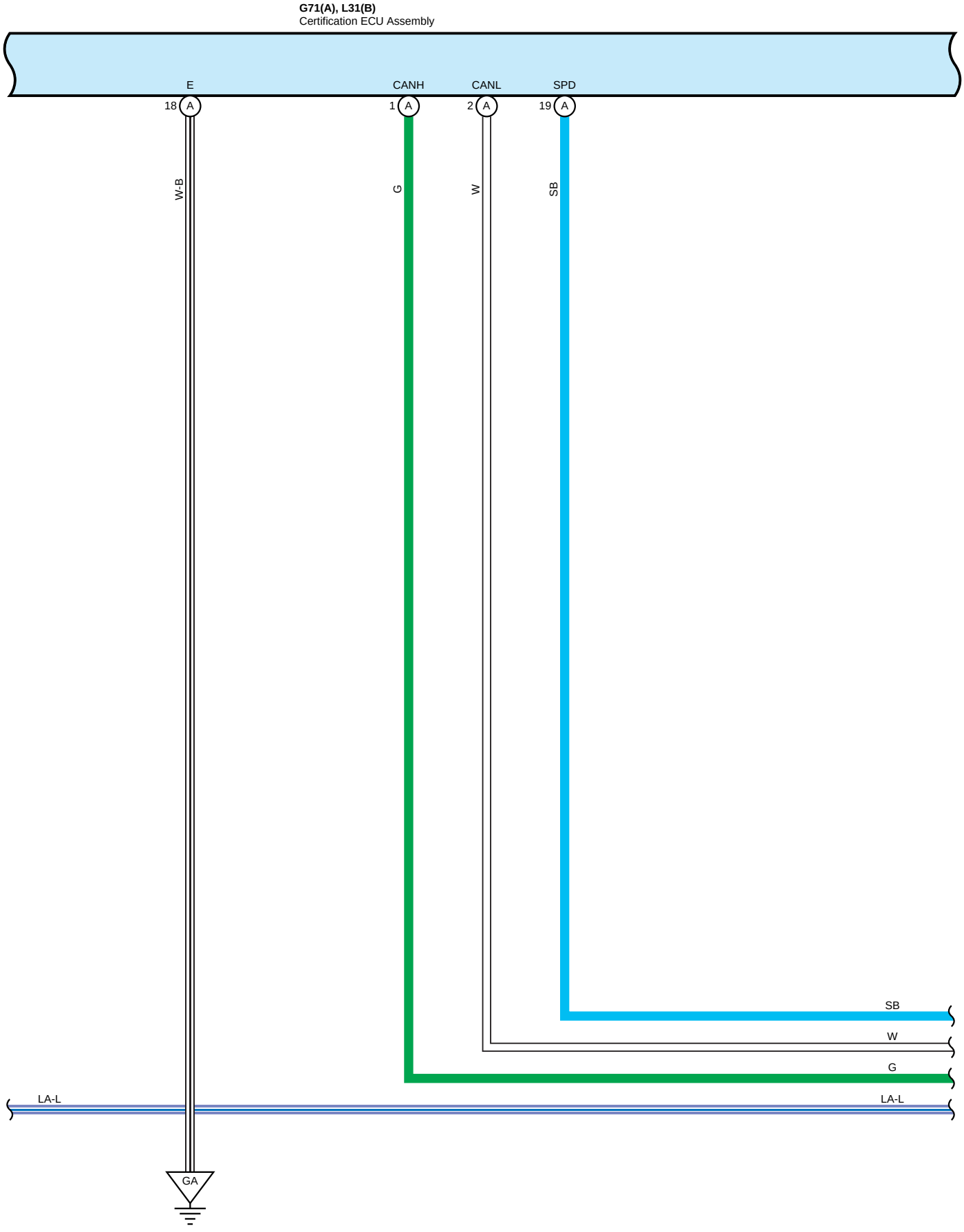

G71(A), L31(B)
Certification ECU Assembly
CLG1
CG1B
CLG5
CG5B
CLG6
CG6B
CLG7
CG7B
17 B
16 B
8 A
9 A
5 B
6 B
11 B
10 B
V
B
GR
B
W
L
P
W
52 PL1
53 PL1
B
GR
12 C
22 C
H40(B), L2(C)
No. 2 Short Connector
1
3
ANTE5
CLGB
G44
No. 1 Indoor Electrical Key
Antenna Assembly
1
3
ANTE6
CLGB
L65
No. 2 Indoor Electrical Key
Antenna Assembly
1
3
ANTE7
CLGB
P3
No. 3 Indoor Electrical Key
Antenna Assembly
12 B
22 B
GR
R
4
5
ANT1
ANT2
GND
OLP
H25
Front Door Outside Handle
Assembly LH
3
1
G
L
30 B
19 B
G111(A), H40(B), L2(C)
No. 2 Short Connector
4 A
19 C
LA-G
LA-L
LA-L
LA-L
LA-G
LA-L

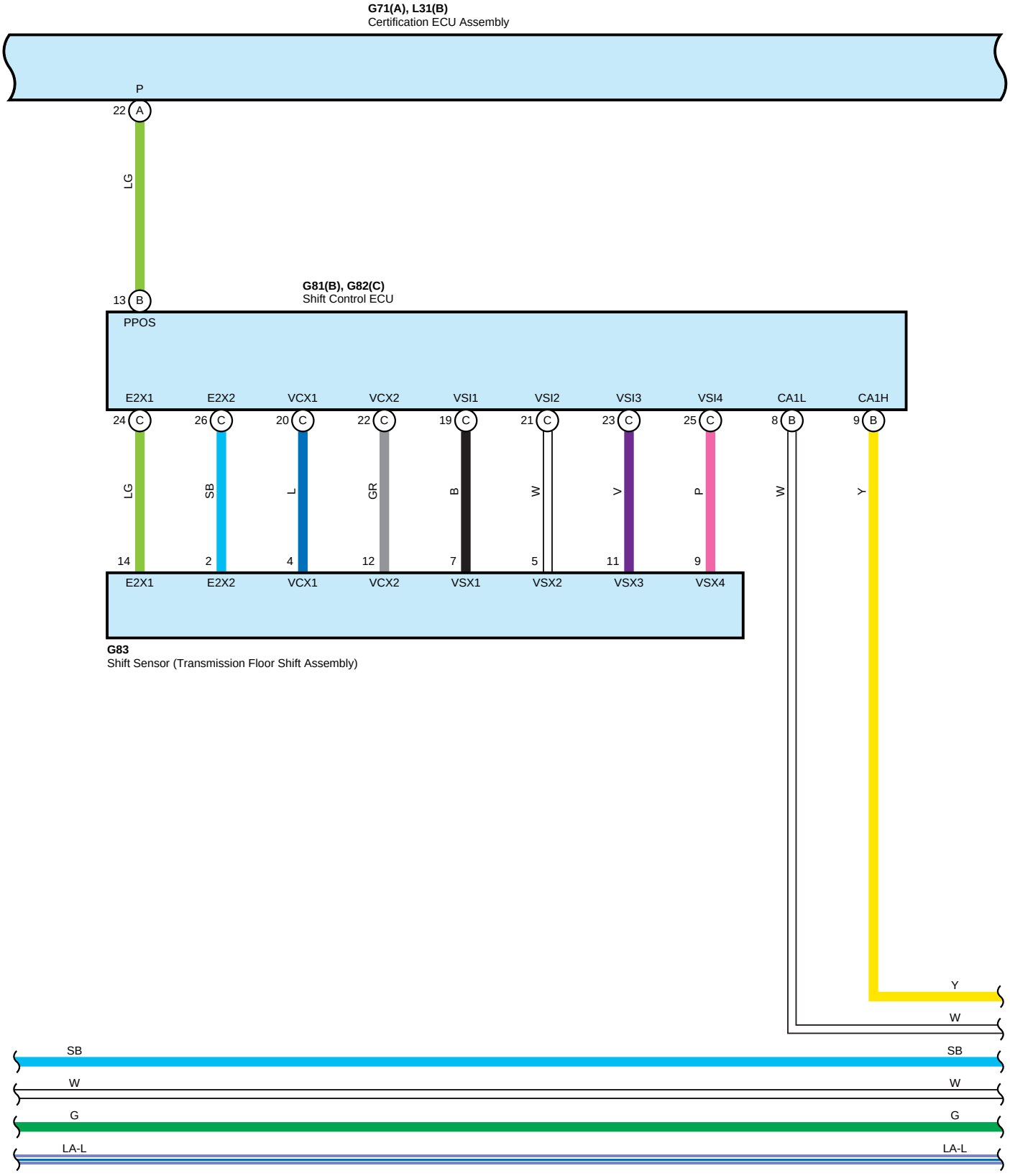

G71(A), L31(B)
Certification ECU Assembly
CLG8
CG8B
CLG3
CG3B
CLG4
CG4B
IND
13 B
12 B
1 B
2 B
9 B
8 B
20 A
LG
B
W
R
W
R
P
56 GL1
34 GL1
W
R
15
LP
E
4
58 GL3
57 GL3
2
1
ANTE8
CLGB
L51
Electrical Key Antenna
G80
Air Conditioning
Control Assembly
W
R
W
R
17 KL2
4 KL2
17 KL1
4 KL1
W
R
W
R
4
5
4
5
ANT1
ANT2
OLP
GND
K19
Rear Door Outside
Handle Assembly LH
ANT1
ANT2
OLP
GND
K5
Rear Door Outside
Handle Assembly RH
1
3
1
3
L
B
B
W-B
W-B
20 KL2
21 KL2
20 KL1
LA-L
LA-B
LA-B
W-B
LA
LA-L
25 KL1
W-B
LA-L
LA-L
LQ
GD

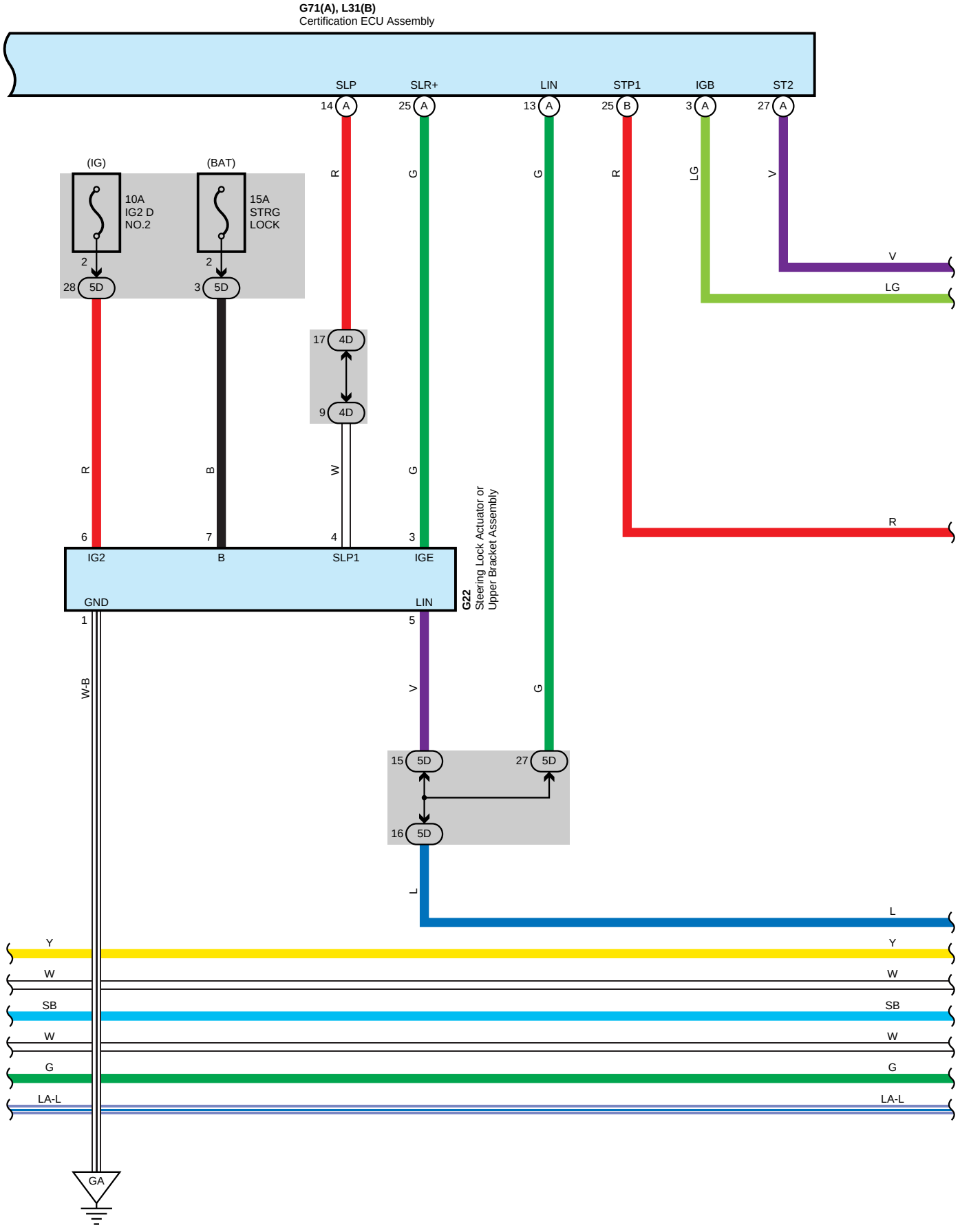

G71(A), L31(B)
Certification ECU Assembly
TSW5
RCO
RDAM
CSEL
ASEL
26 B
18 B
19 B
20 B
21 B
G
BE
P
B
(IG)
10A
LUG-IG1
NO.4
2
7
2
UL
E
1
L89
Door Unlock Switch (Luggage Compartment
Door Lock Cylinder Assembly)
Antenna
ANT
1
L174
Roof Header Electrical
Key Antenna
R
21 PL1
R
W-B
W
G
BE
P
B
R
1 B
8 A
2 A
6 A
11 A
1 A
ANT
+5
DATA
CSEL
ASEL
IG
GND
12 A
L48(A), L173(B)
Electrical Key & Tire Pressure
Monitoring System Receiver Assembly
W-B
W-B
LA-L
LA-L
LK
LK

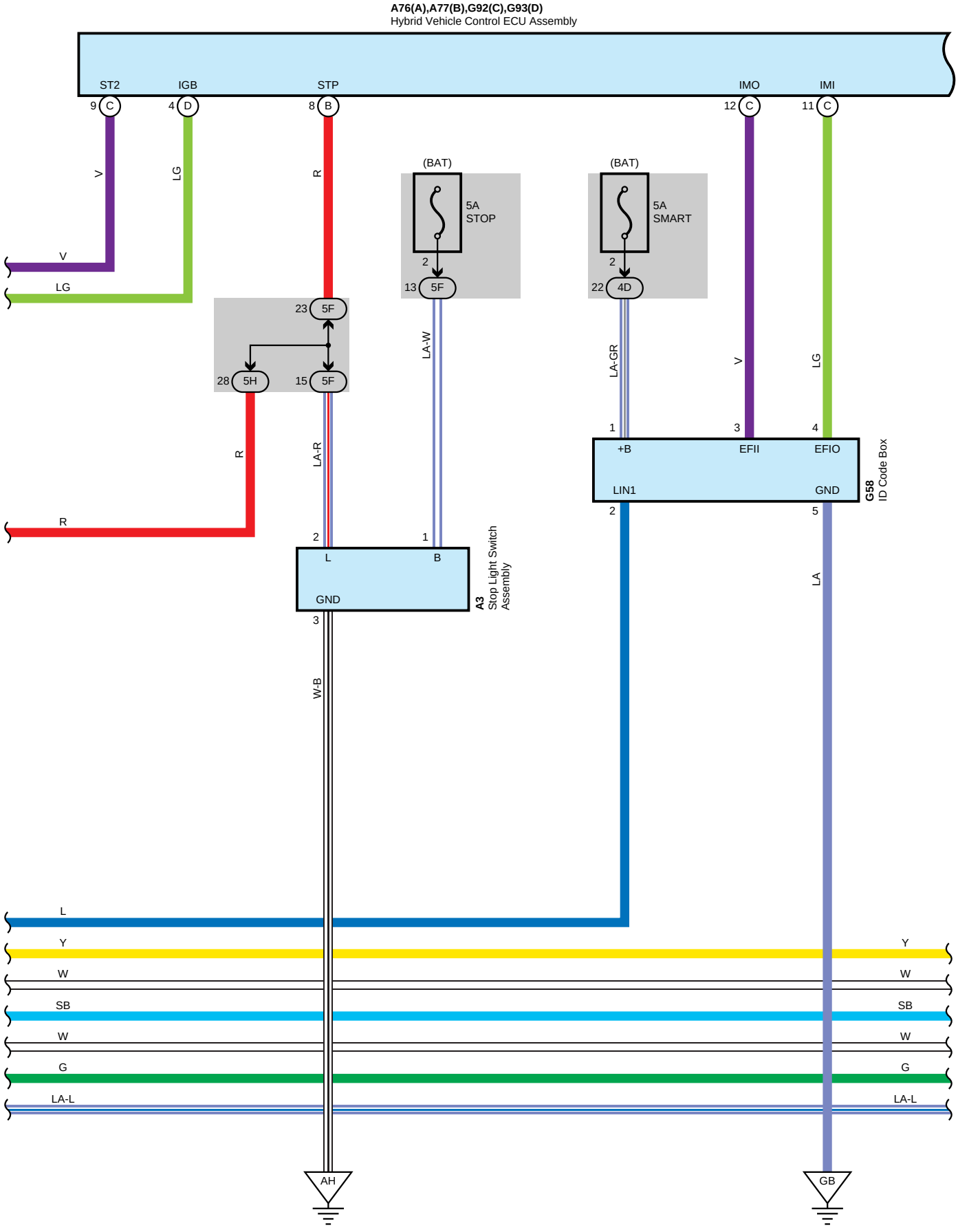


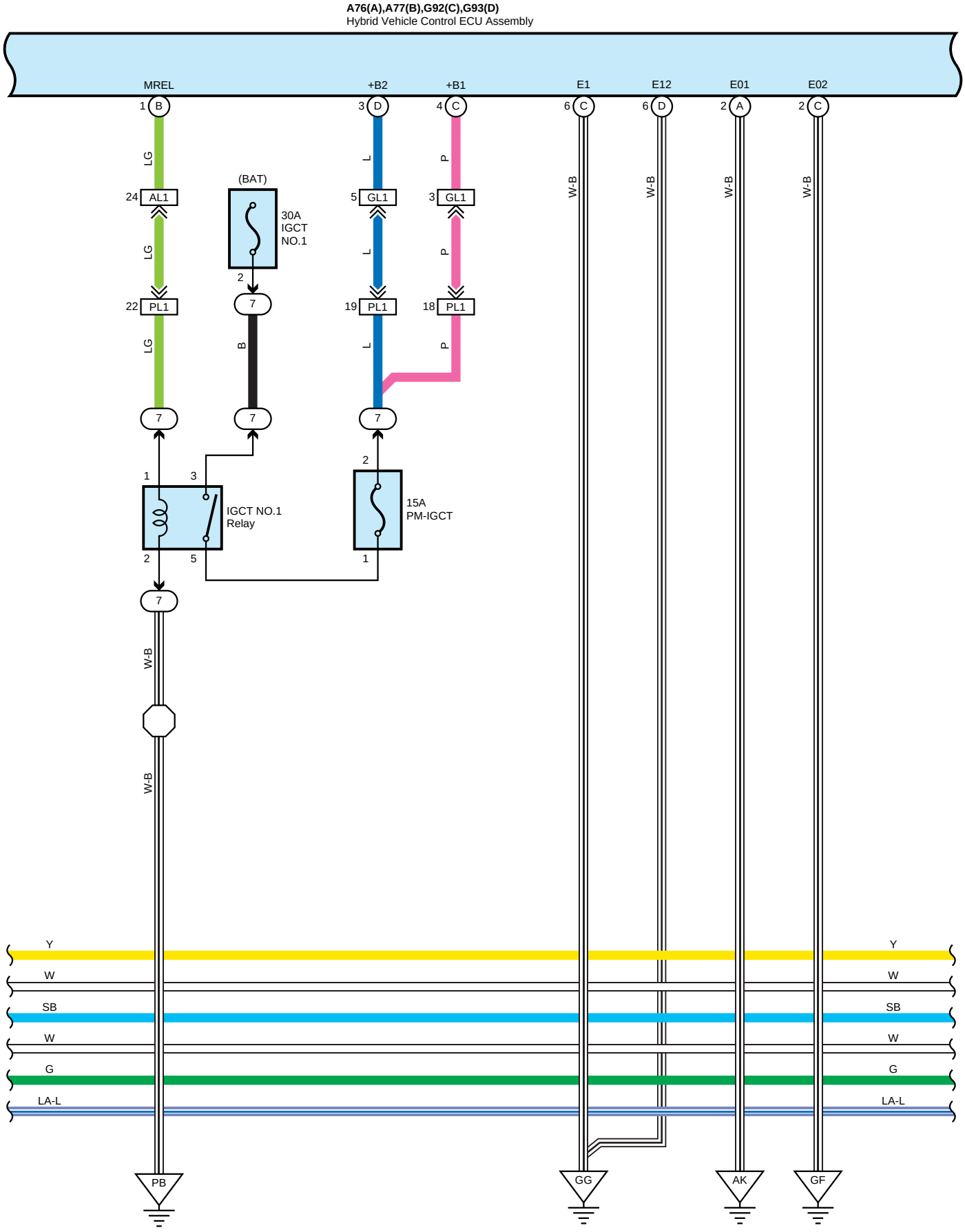
G91
Instrument Cluster Finish Panel Garnish Assembly
(No.3 Instrument Panel Wire & Center Instrument Panel Register Assembly &
Hazard Warning Signal Switch Assembly & Power Switch)

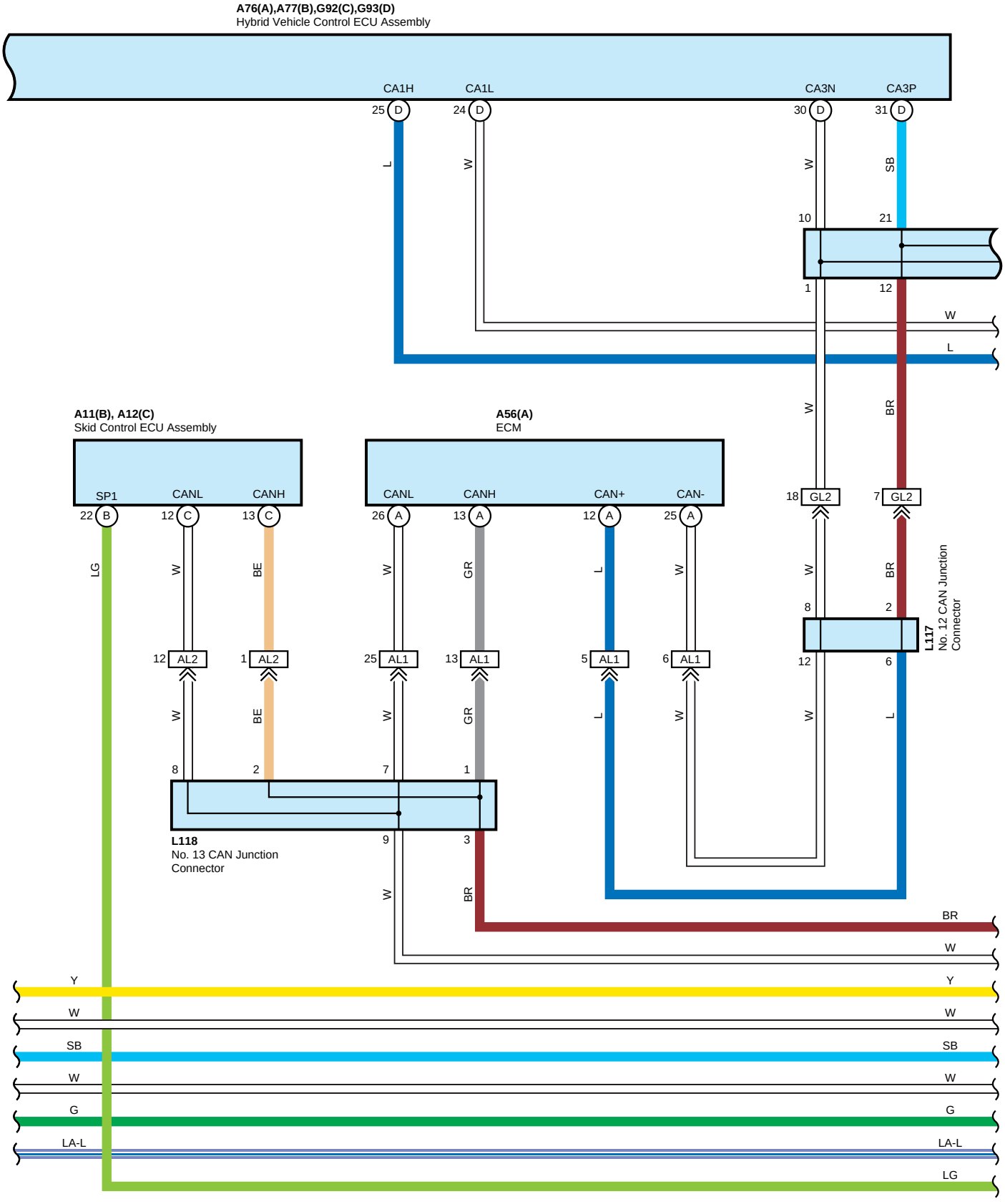

G71(A), L31(B)
Certification ECU Assembly
E
CANH
CANL
SPD
18 A
1 A
2 A
19 A
W-B
G
W
SB
SB
W
G
LA-L
LA-L
GA

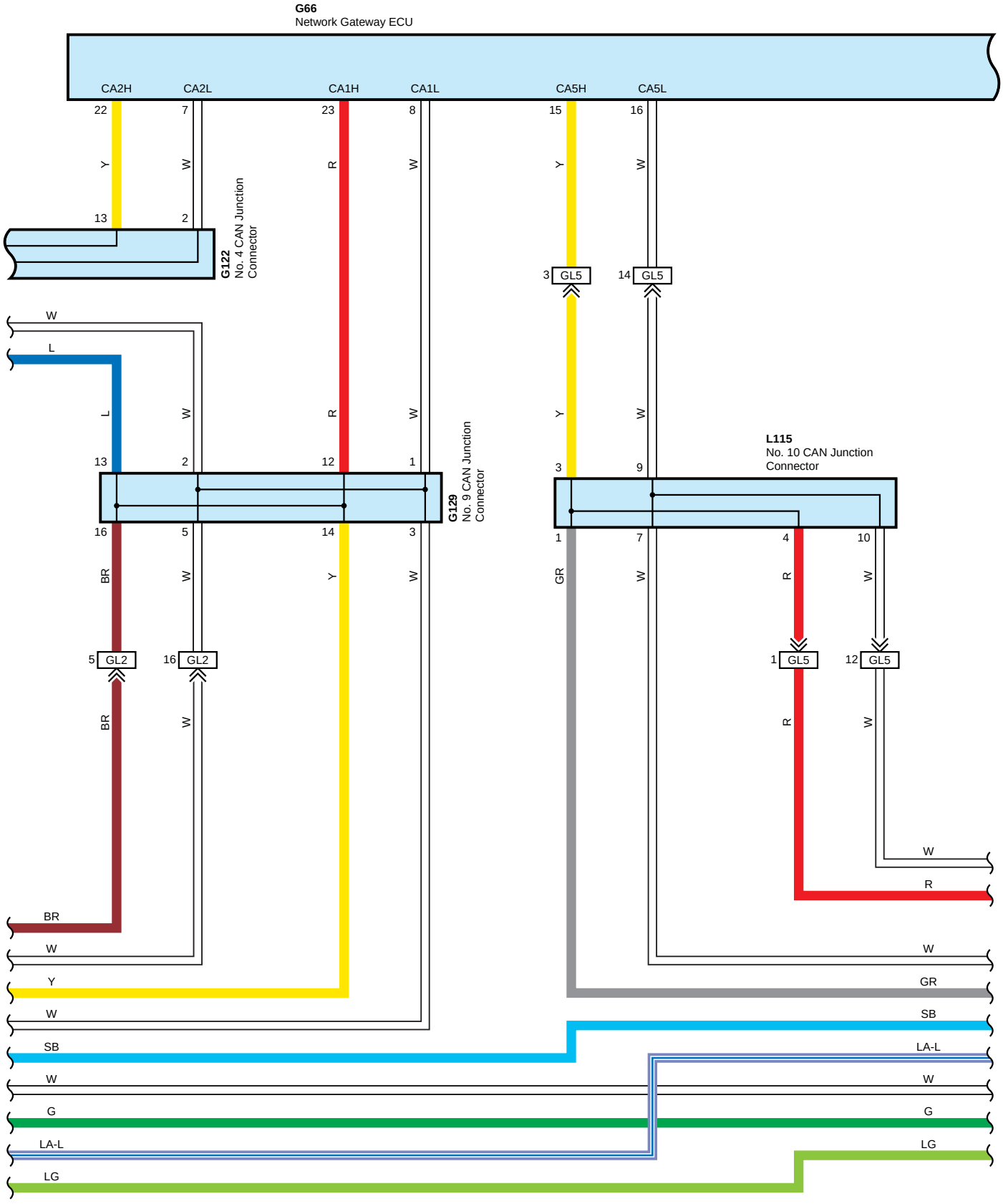

G71(A), L31(B)
Certification ECU Assembly
P
22 A
LG
13 B
G81(B), G82(C)
Shift Control ECU
PPOS
E2X1
E2X2
VCX1
VCX2
VSI1
VSI2
VSI3
VSI4
CA1L
CA1H
24 C
26 C
20 C
22 C
19 C
21 C
23 C
25 C
8 B
9 B
LG
SB
L
GR
B
W
V
P
W
Y
14
2
4
12
7
5
11
9
E2X1
E2X2
VCX1
VCX2
VSX1
VSX2
VSX3
VSX4
G83
Shift Sensor (Transmission Floor Shift Assembly)
Y
W
SB
SB
W
W
G
G
LA-L
LA-L


G71(A), L31(B)
Certification ECU Assembly
SLP
SLR+
LIN
STP1
IGB
ST2
14 A
25 A
13 A
25 B
3 A
27 A
(IG)
(BAT)
10A
IG2 D
NO.2
15A
STRG
LOCK
2
28 5D
3 5D
17 4D
9 4D
6
7
4
3
IG2
B
SLP1
IGE
GND
LIN
1
5
G22
Steering Lock Actuator or
Upper Bracket Assembly
15 5D
27 5D
16 5D
R
G
B
W
V
LG
L
W-B
Y
SB
LA-L
GA

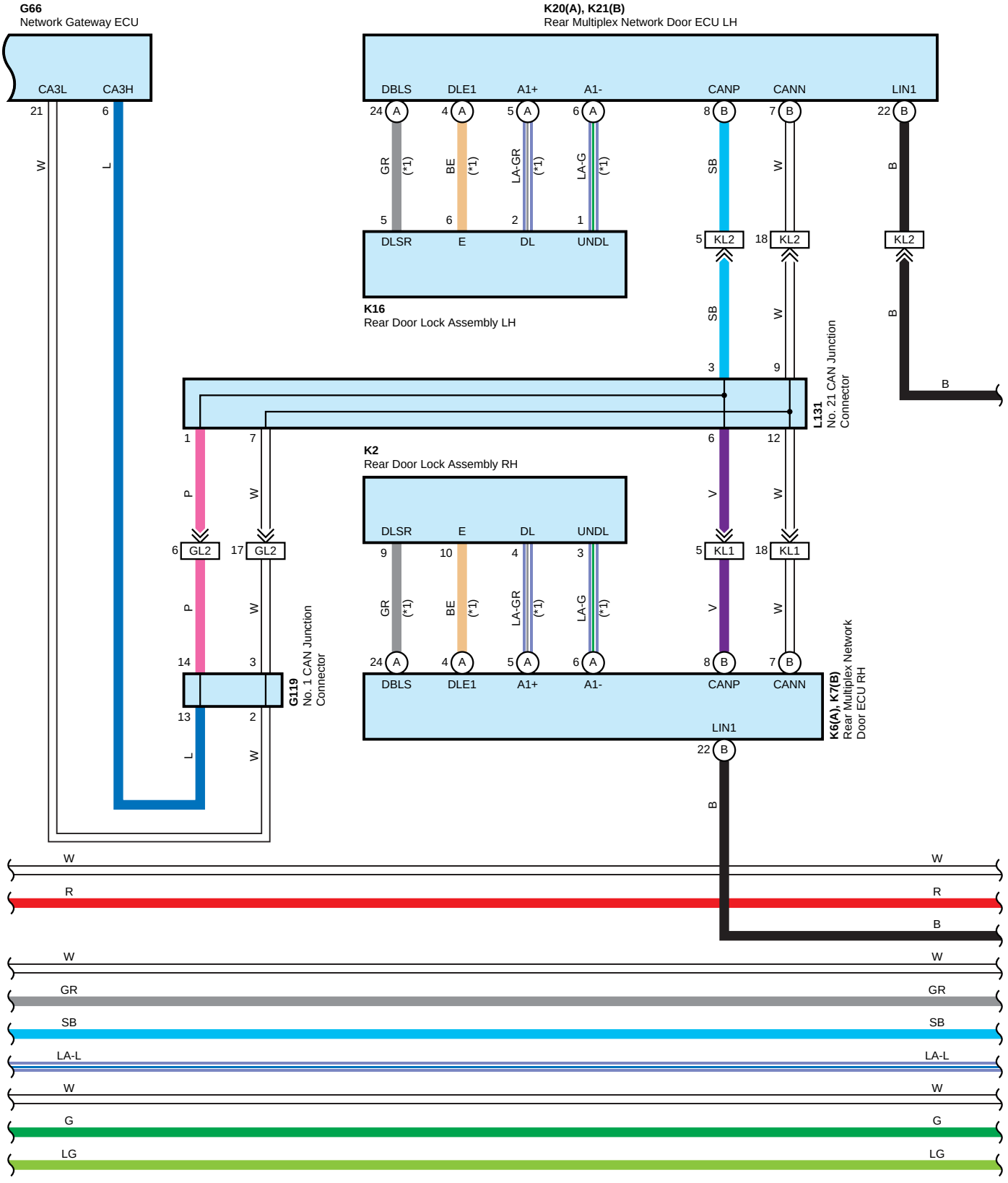

A76(A),A77(B),G92(C),G93(D)
Hybrid Vehicle Control ECU Assembly
ST2
IGB
STP
IMO
IMI
9 C
4 D
8 B
12 C
11 C
V
LG
R
(BAT)
5A
STOP
2
13 5F
(BAT)
5A
SMART
2
22 4D
23 5F
28 5H
15 5F
LA-W
LA-GR
V
LG
1
3
4
+B
EFII
EFIO
LIN1
GND
G58
ID Code Box
2
5
R
LA-R
2
1
L
B
GND
A3
Stop Light Switch
Assembly
3
LA
W-B
L
Y
W
SB
W
G
LA-L
AH
GB


A76(A),A77(B),G92(C),G93(D)
Hybrid Vehicle Control ECU Assembly
MREL
+B2
+B1
E1
E12
E01
E02
1 B
3 D
4 C
6 C
6 D
2 A
2 C
LG
L
P
W-B
24 AL1
5 GL1
3 GL1
(BAT)
30A
IGCT
NO.1
2
22 PL1
19 PL1
18 PL1
7
B
1
3
2
5
IGCT NO.1
Relay
15A
PM-IGCT
Y
W
SB
G
LA-L
PB
GG
AK
GF

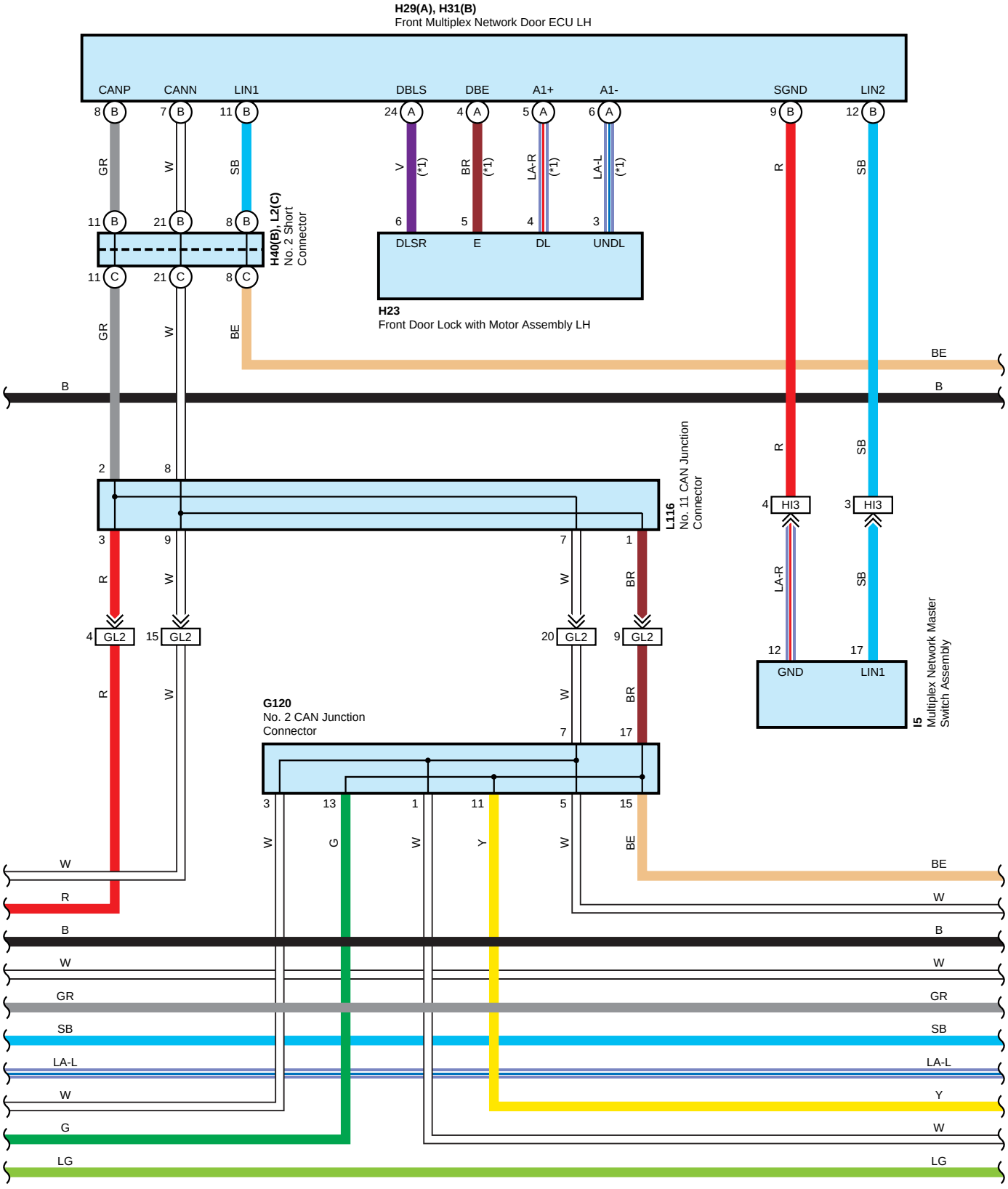

A76(A),A77(B),G92(C),G93(D)
Hybrid Vehicle Control ECU Assembly
CA1H
CA1L
CA3N
CA3P
A11(B), A12(C)
Skid Control ECU Assembly
SP1
CANL
CANH
A56(A)
ECM
CANL
CANH
CAN+
CAN-
GL2
AL2
AL1
L118
No. 13 CAN Junction Connector
L117
No. 12 CAN Junction Connector
Y
W
SB
W
G
LA-L
LG

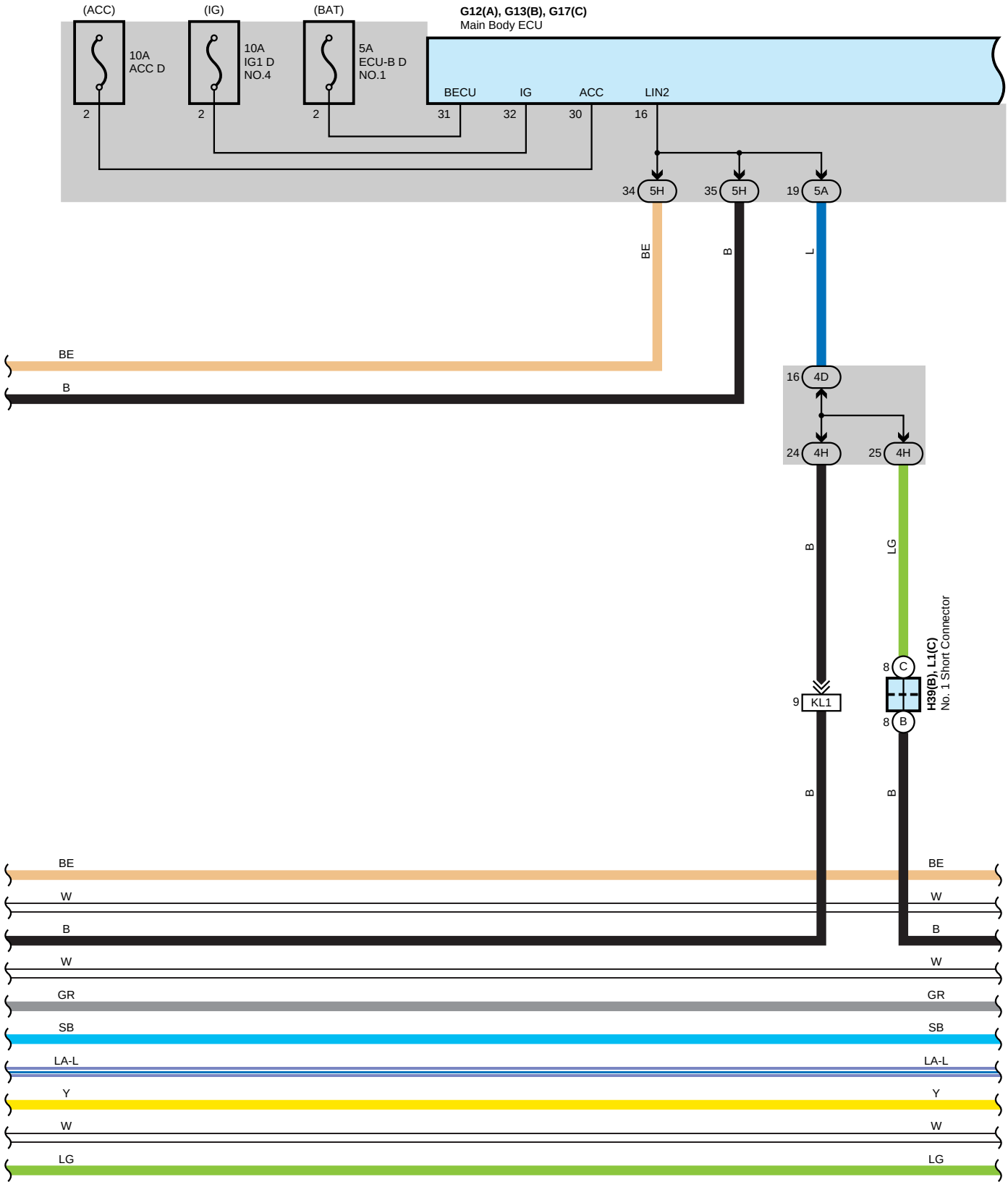

G66
Network Gateway ECU
CA2H
CA2L
CA1H
CA1L
CA5H
CA5L
G122
No. 4 CAN Junction Connector
G129
No. 9 CAN Junction Connector
L115
No. 10 CAN Junction Connector
GL5
GL2

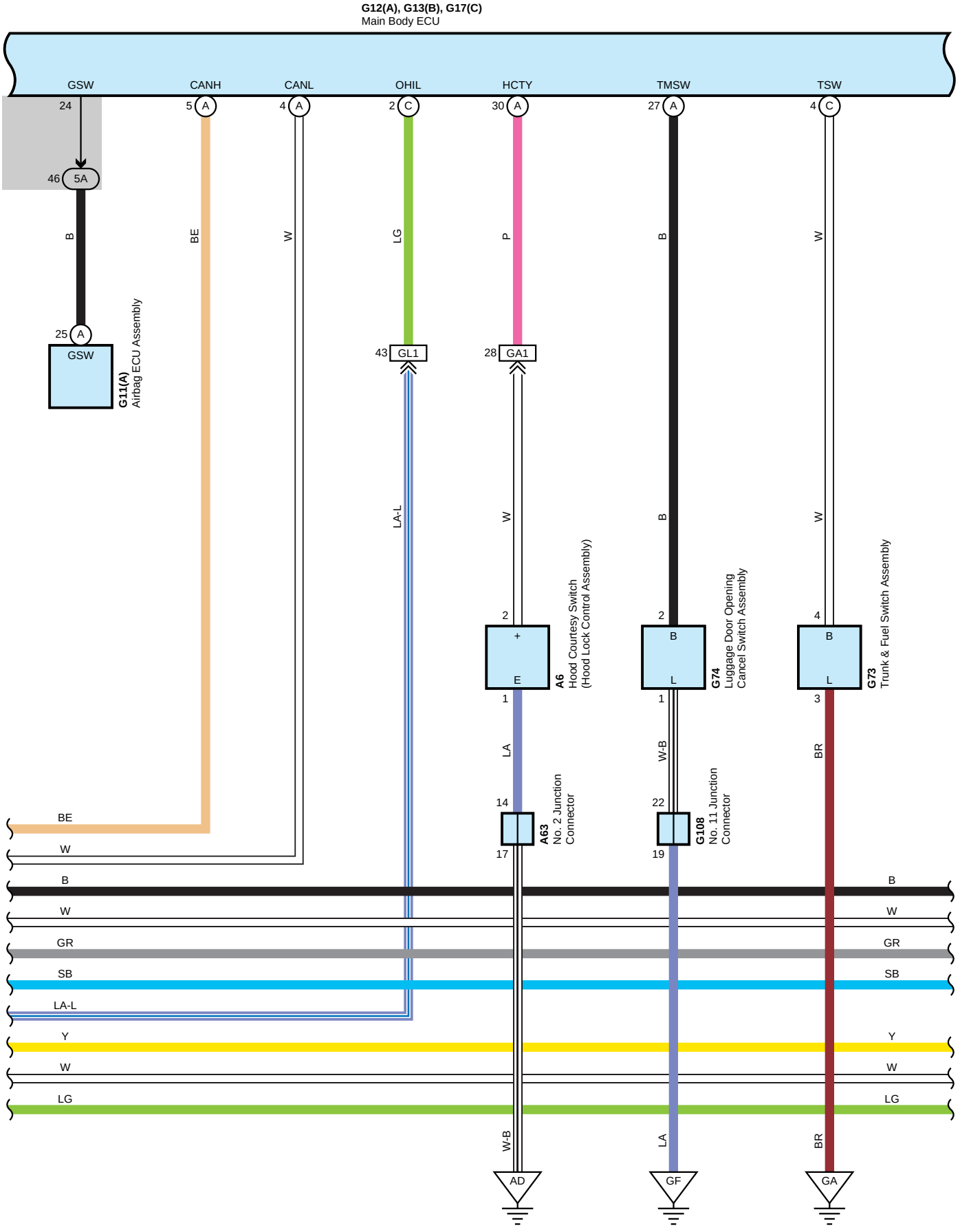
*1 : w/ Double Lock

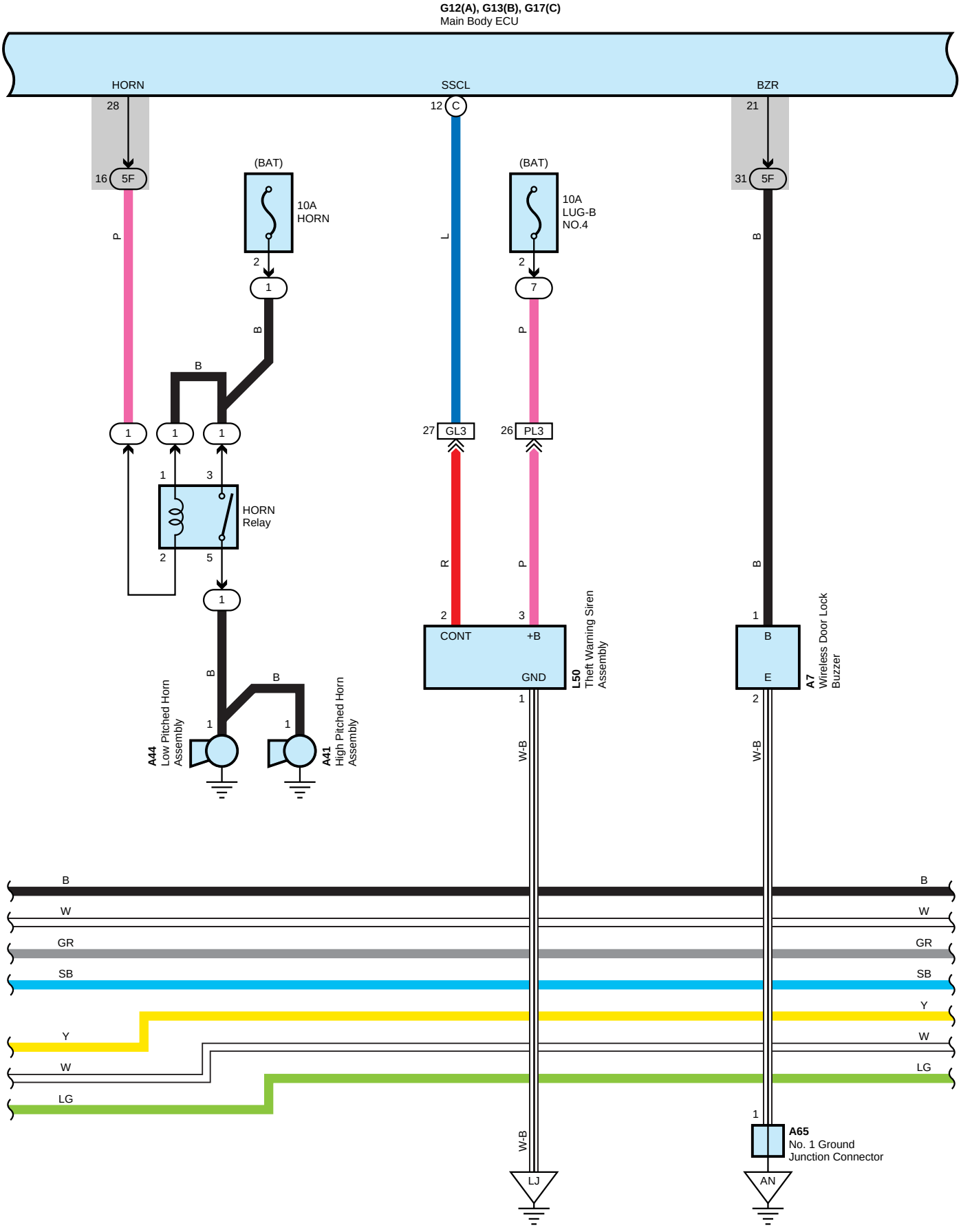


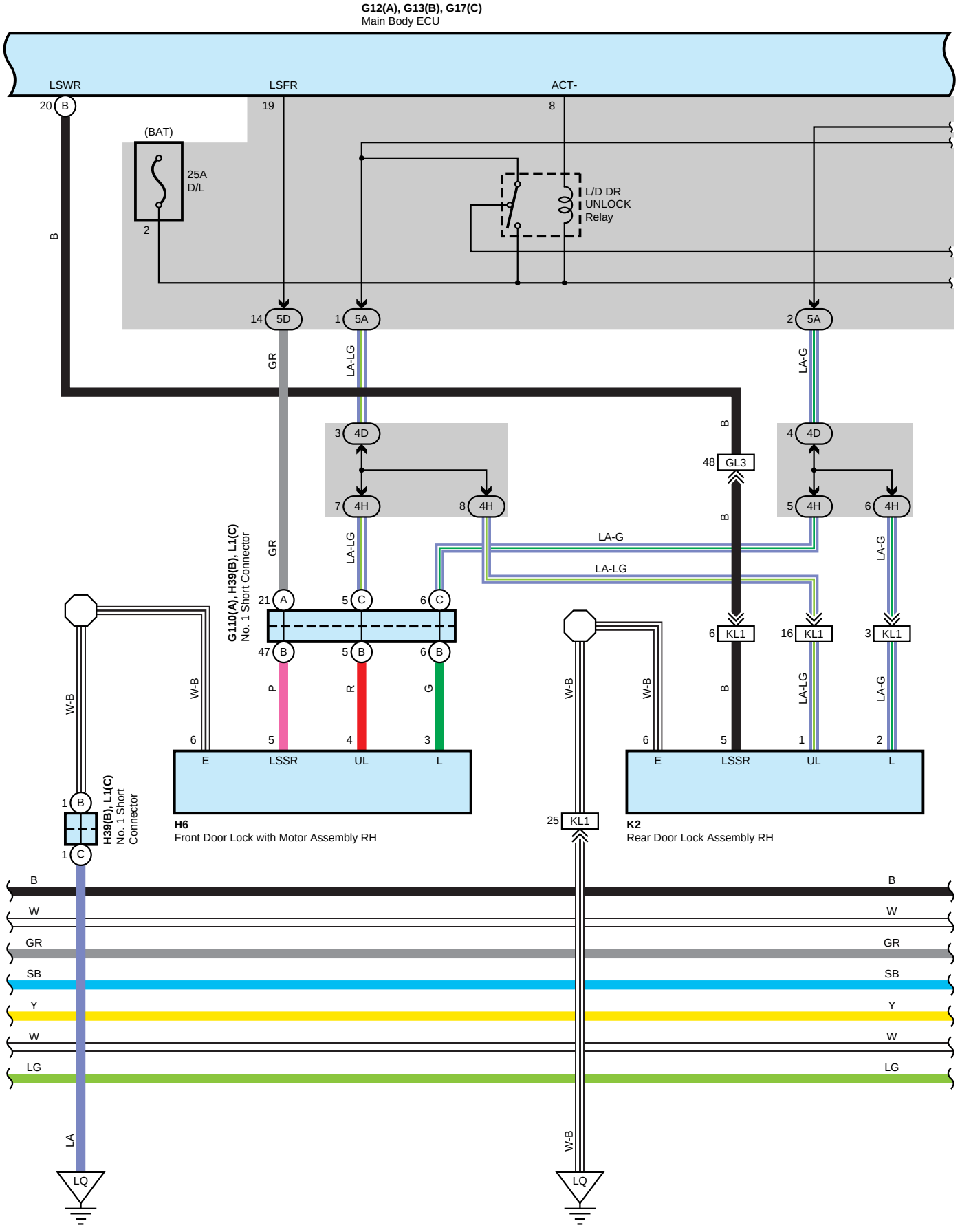
*1 : w/ Double Lock

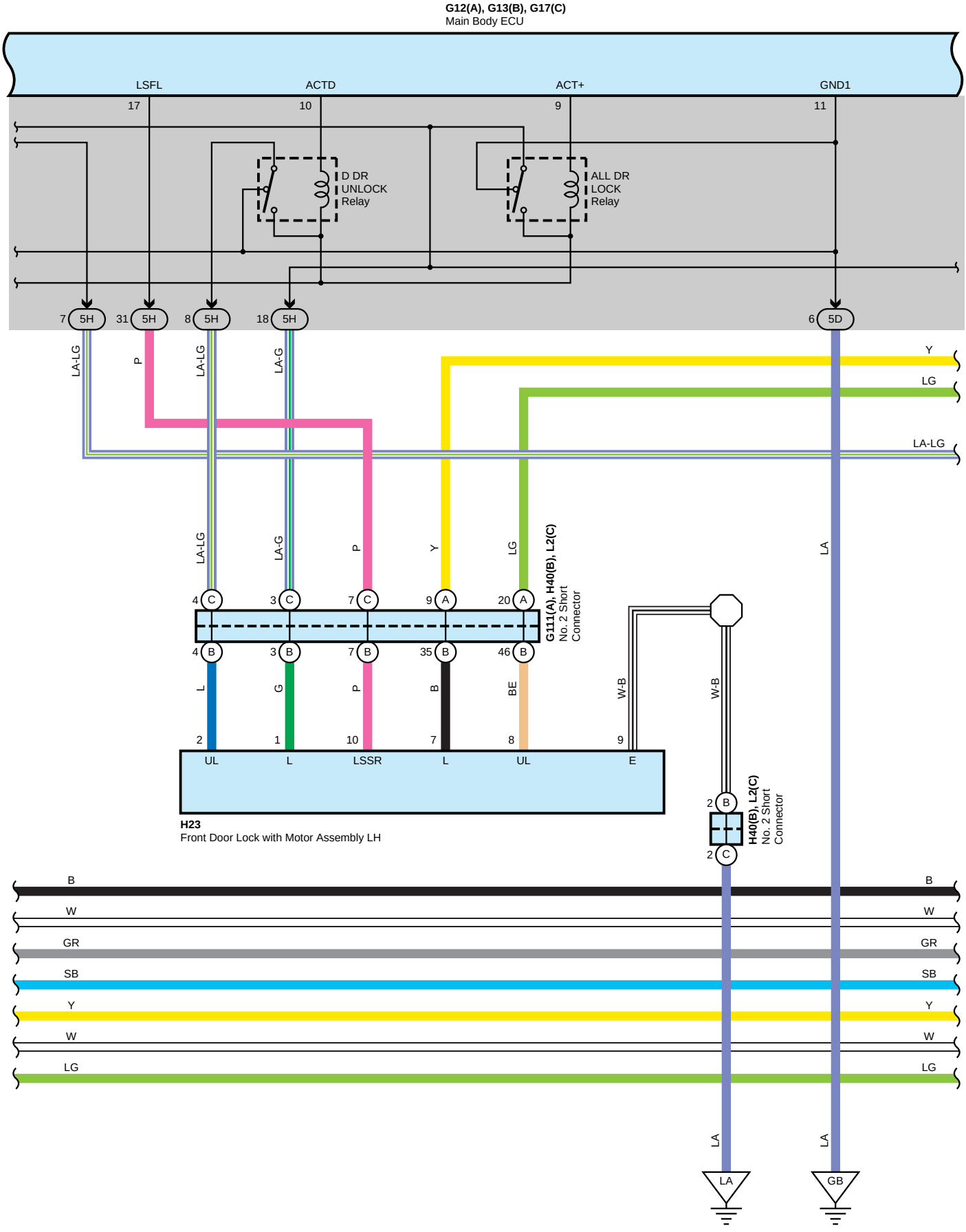


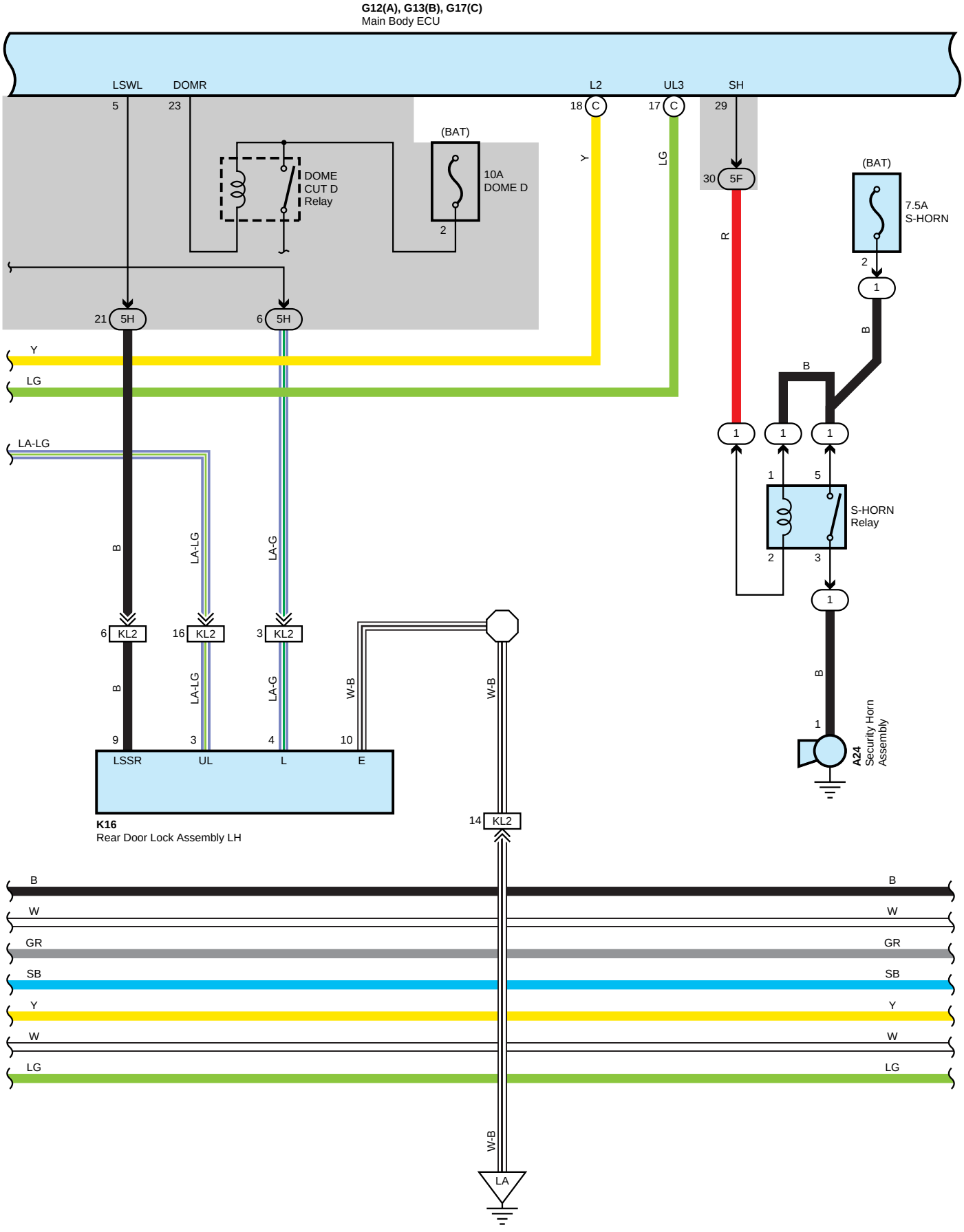

(ACC)
(IG)
(BAT)
10A
ACC D
10A
IG1 D
NO.4
5A
ECU-B D
NO.1
G12(A), G13(B), G17(C)
Main Body ECU
BECU
IG
ACC
LIN2
2
2
2
31
32
30
16
34 5H
35 5H
19 5A
BE
B
L
BE
B
16 4D
24 4H
25 4H
B
LG
9 KL1
8 C
8 B
H39(B), L1(C)
No. 1 Short Connector
B
B
BE
W
B
W
GR
SB
LA-L
Y
W
LG
BE
W
B
W
GR
SB
LA-L
Y
W
LG

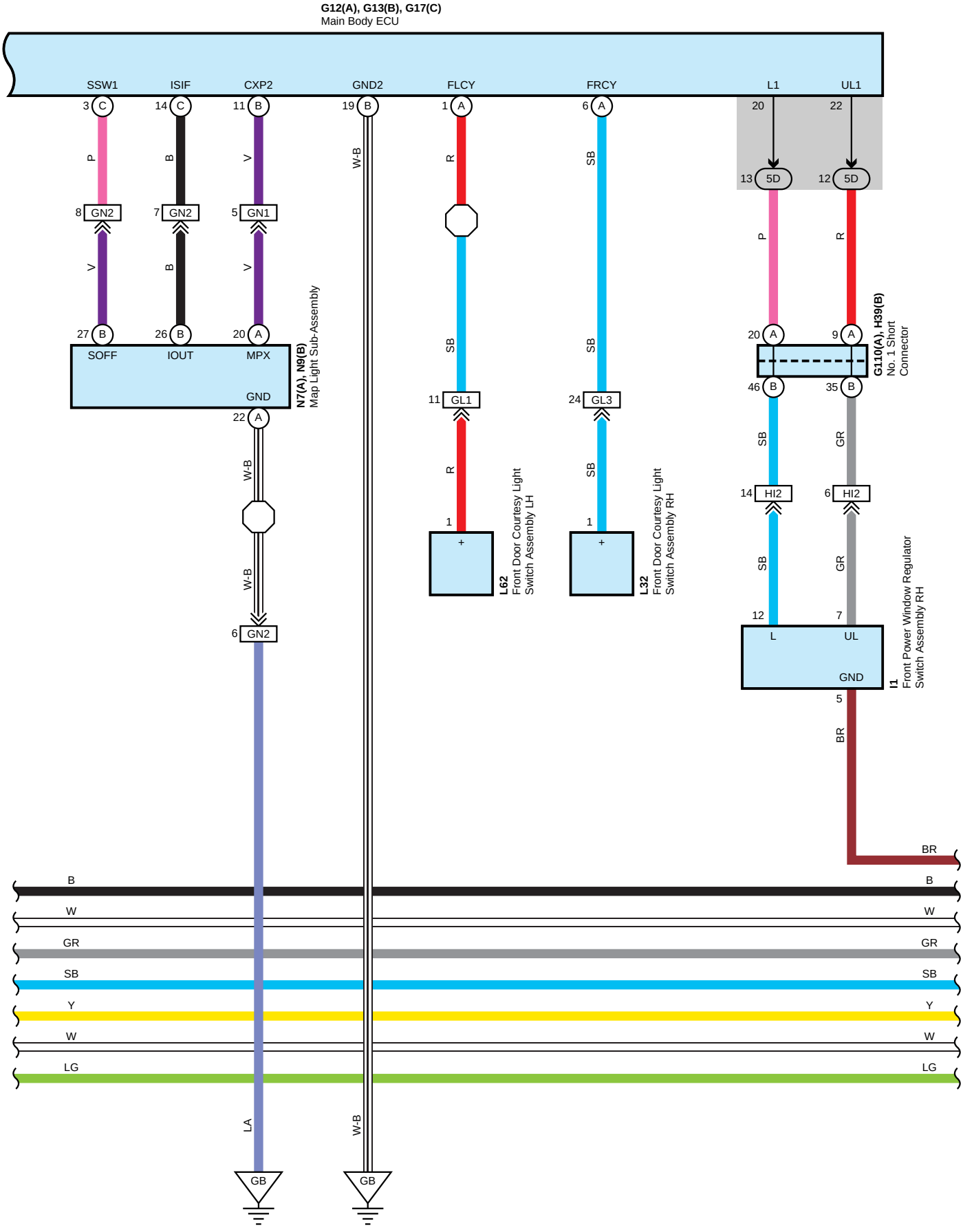

G12(A), G13(B), G17(C)
Main Body ECU
GSW
CANH
CANL
OHIL
HCTY
TMSW
TSW
24
5 A
4 A
2 C
30 A
27 A
4 C
46 5A
B
BE
W
LG
P
B
W
25 A
GSW
G11(A)
Airbag ECU Assembly
43 GL1
28 GA1
LA-L
W
B
W
2
+
E
1
A6
Hood Courtesy Switch
(Hood Lock Control Assembly)
2
B
L
1
G74
Luggage Door Opening
Cancel Switch Assembly
4
B
L
3
G73
Trunk & Fuel Switch Assembly
LA
W-B
BR
14
17
A63
No. 2 Junction
Connector
22
19
G108
No. 11 Junction
Connector
BE
W
B
W
GR
SB
LA-L
Y
W
LG
W-B
LA
BR
AD
GF
GA


G12(A), G13(B), G17(C)
Main Body ECU
HORN
SSCL
BZR
28
12
C
21
16
5F
31
5F
(BAT)
10A
HORN
(BAT)
10A
LUG-B
NO.4
P
L
B
2
1
2
7
B
B
P
1
1
1
27
GL3
26
PL3
1
3
HORN
Relay
2
5
R
P
B
1
2
3
CONT
+B
GND
L50
Theft Warning Siren
Assembly
1
B
E
A7
Wireless Door Lock
Buzzer
2
B
B
A44
Low Pitched Horn
Assembly
1
1
A41
High Pitched Horn
Assembly
W-B
W-B
B
W
GR
SB
Y
W
LG
B
W
GR
SB
Y
W
LG
W-B
1
A65
No. 1 Ground
Junction Connector
LJ
AN

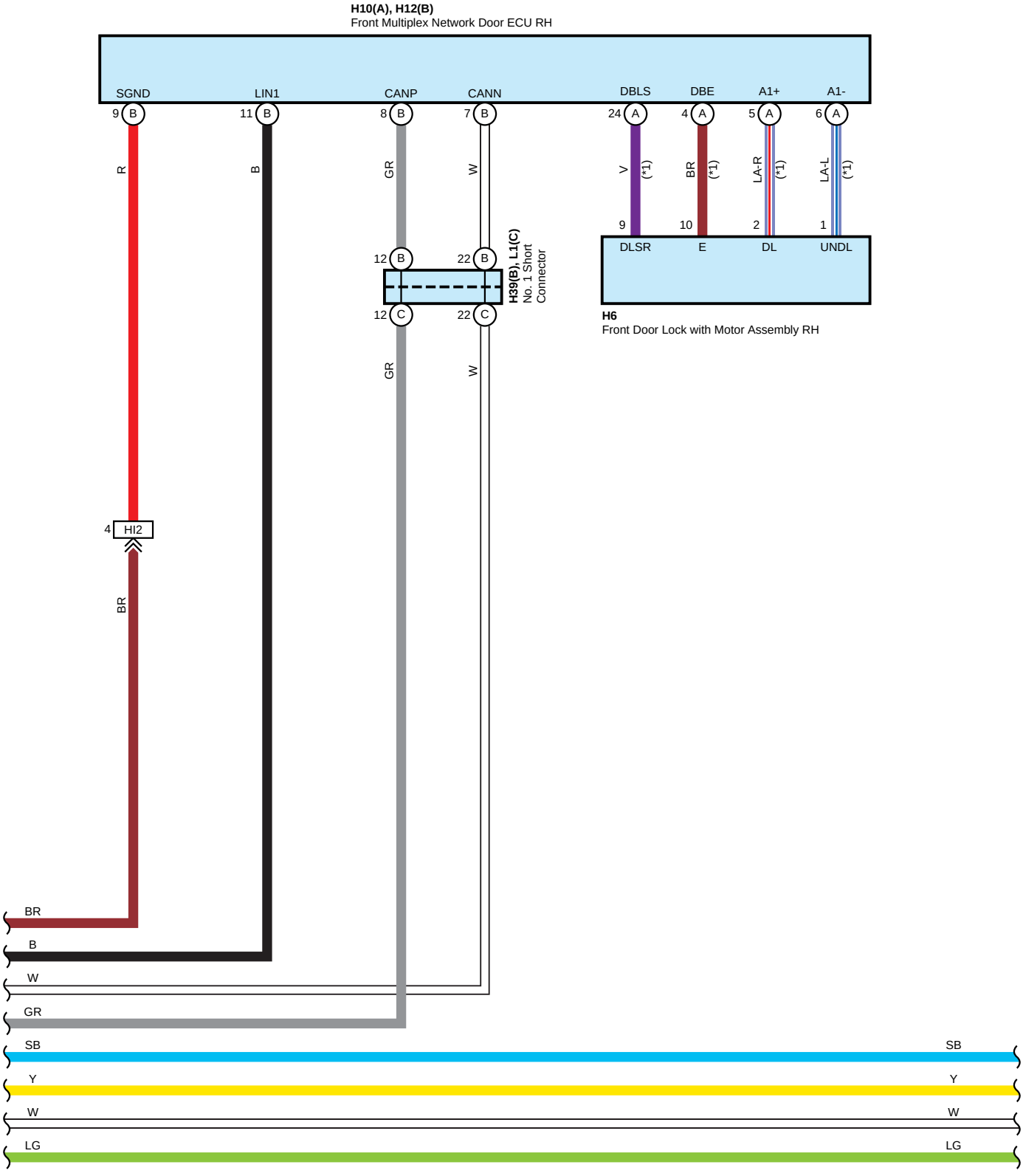

G12(A), G13(B), G17(C)
Main Body ECU
LSWR
LSFR
ACT-
20 B
19
8
(BAT)
25A
D/L
2
L/D DR
UNLOCK
Relay
B
14 5D
1 5A
2 5A
GR
LA-LG
LA-G
3 4D
4 4D
48 GL3
7 4H
8 4H
5 4H
6 4H
G110(A), H39(B), L1(C)
No. 1 Short Connector
21 A
5 C
6 C
47 B
5 B
6 B
6 KL1
16 KL1
3 KL1
W-B
P
R
G
6
5
4
3
E
LSSR
UL
L
1 B
1 C
H39(B), L1(C)
No. 1 Short
Connector
H6
Front Door Lock with Motor Assembly RH
25 KL1
K2
Rear Door Lock Assembly RH
1
2
B
W
GR
SB
Y
W
LG
LA
LQ

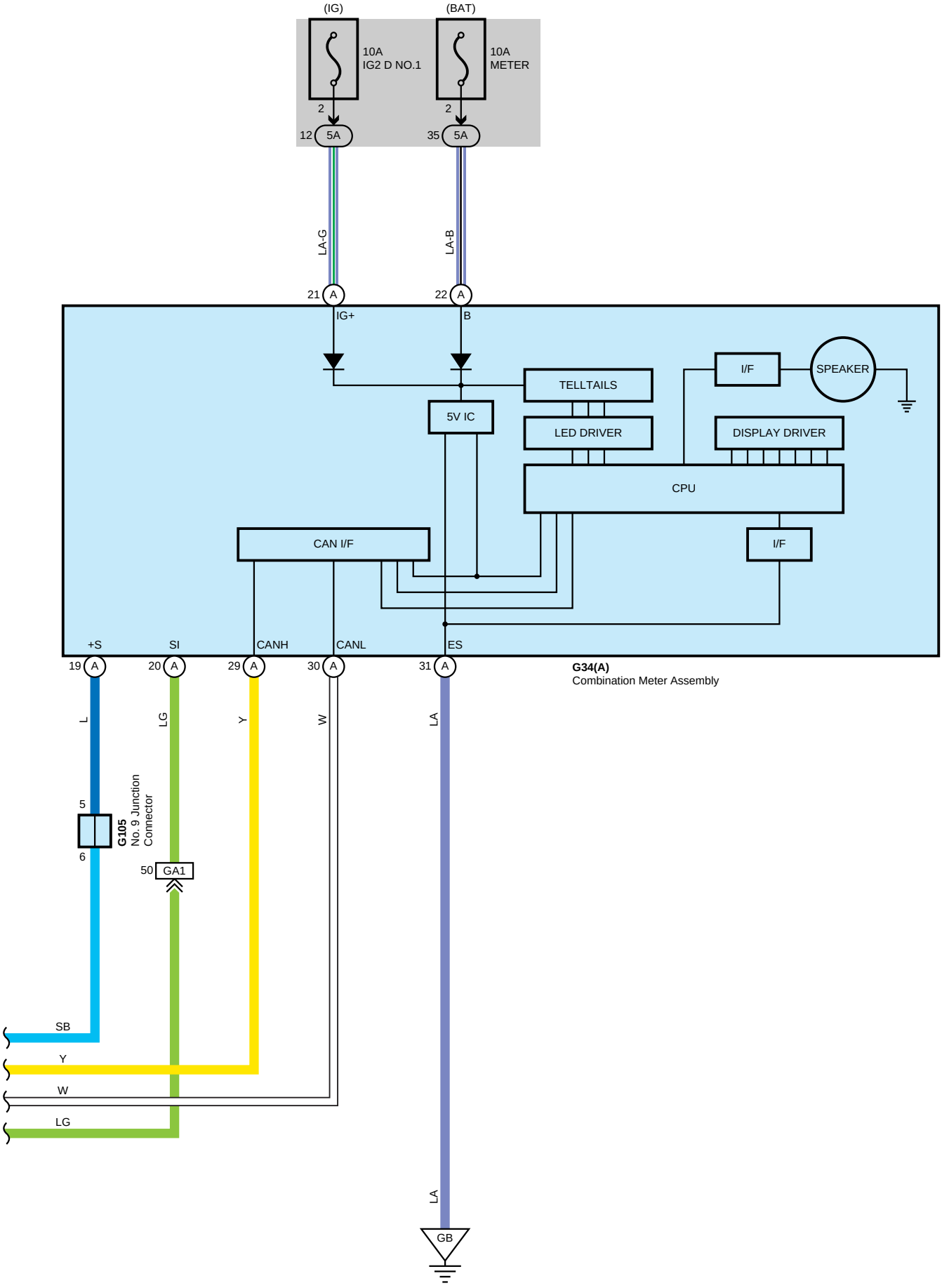

G12(A), G13(B), G17(C)
Main Body ECU
LSFL
ACTD
ACT+
GND1
17
10
9
11
D DR
UNLOCK
Relay
ALL DR
LOCK
Relay
7 5H
31 5H
8 5H
18 5H
6 5D
LA-LG
P
LA-LG
LA-G
Y
LG
LA-LG
LA-LG
LA-G
P
Y
LG
LA
G111(A), H40(B), L2(C)
No. 2 Short
Connector
4 C
3 C
7 C
9 A
20 A
4 B
3 B
7 B
35 B
46 B
L
G
P
B
BE
W-B
W-B
2
1
10
7
8
9
UL
L
LSSR
L
UL
E
H23
Front Door Lock with Motor Assembly LH
2 B
2 C
H40(B), L2(C)
No. 2 Short
Connector
B
W
GR
SB
Y
W
LG
LA
LA
LA
GB


G12(A), G13(B), G17(C)
Main Body ECU
LSWL
DOMR
L2
UL3
SH
5
23
18 C
17 C
29
(BAT)
DOME
CUT D
Relay
10A
DOME D
2
Y
LG
30 5F
R
(BAT)
7.5A
S-HORN
2
1
B
21 5H
6 5H
Y
LG
LA-LG
B
LA-LG
LA-G
1
1
1
1
5
S-HORN
Relay
2
3
1
6 KL2
16 KL2
3 KL2
B
LA-LG
LA-G
W-B
W-B
B
9
3
4
10
1
LSSR
UL
L
E
A24
Security Horn
Assembly
K16
Rear Door Lock Assembly LH
14 KL2
B
W
GR
SB
Y
W
LG
B
W
GR
SB
Y
W
LG
W-B
LA

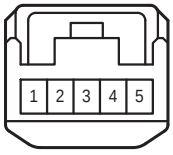

G12(A), G13(B), G17(C)
Main Body ECU
SSW1
ISIF
CXP2
GND2
FLCY
FRCY
L1
UL1
N7(A), N9(B)
Map Light Sub-Assembly
SOFF
IOUT
MPX
GND
L62
Front Door Courtesy Light Switch Assembly LH
L32
Front Door Courtesy Light Switch Assembly RH
G110(A), H39(B)
No. 1 Short Connector
I1
Front Power Window Regulator Switch Assembly RH
GN2
GN1
GL1
GL3
HI2
5D
L
UL
GND
GB

*1 : w/ Double Lock




(IG)
(BAT)
10A
IG2 D NO.1
10A
METER
2
2
12
5A
35
5A
LA-G
LA-B
21
A
22
A
IG+
B
TELLTAILS
I/F
SPEAKER
5V IC
LED DRIVER
DISPLAY DRIVER
CPU
CAN I/F
I/F
+S
SI
CANH
CANL
ES
19
A
20
A
29
A
30
A
31
A
G34(A)
Combination Meter Assembly
L
LG
Y
W
LA
5
6
G105
No. 9 Junction
Connector
50
GA1
SB
Y
W
LG
LA
GB

A3
Black



90980-12366

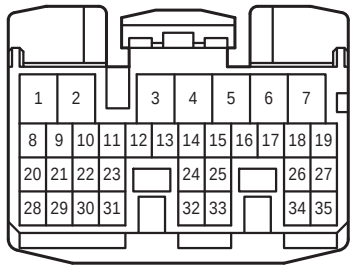
A6
Black

90980-11003

A7
Gray

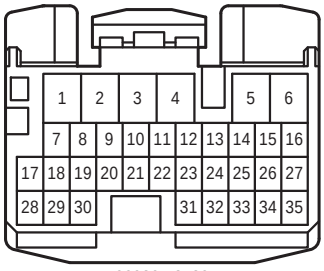
90980-12572

A11
Black



90980-12528

A12
Black



90980-12529

A24
Black

90980-10619

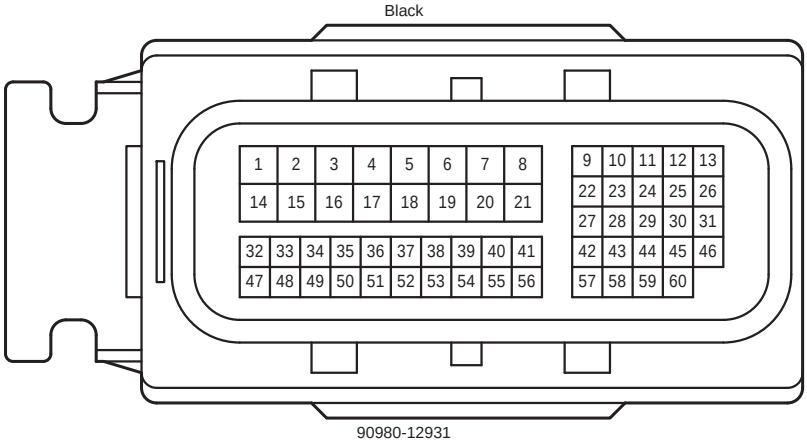
A41
Gray

90980-10619

A44
Black

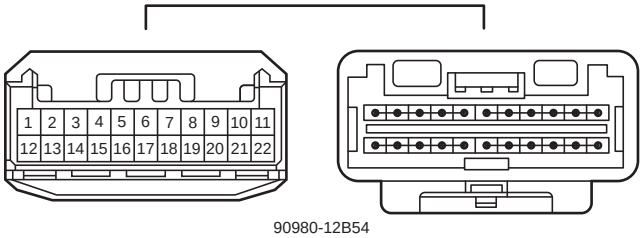
90980-10619

A56
Black



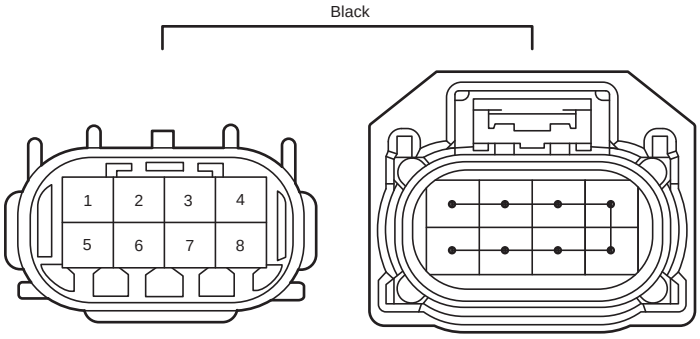
90980-12931

A63
Black



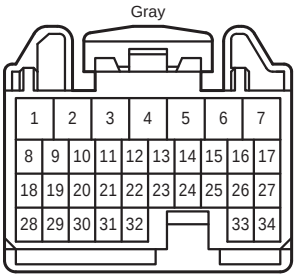
90980-12B54

A65
Black



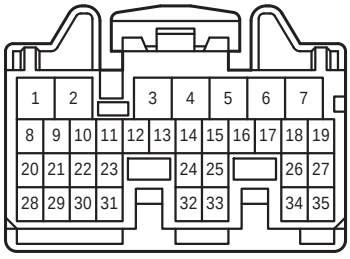
90980-12B56

A76
Gray



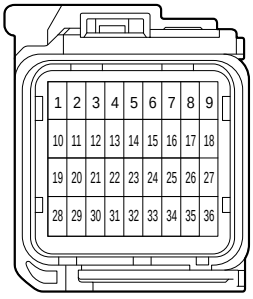
90980-12430

A77
Gray



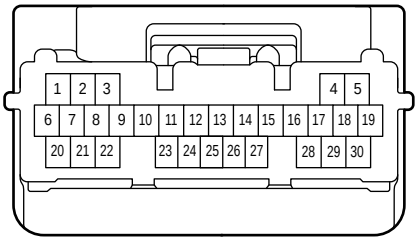
90980-12428

G11
Yellow



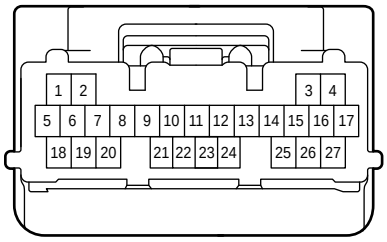
90980-12C56

G12
Black



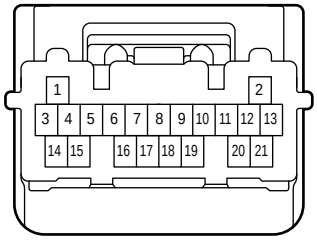
90980-12C62

G13
Black



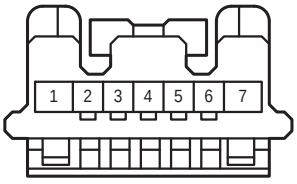
90980-12C63

G17
Black



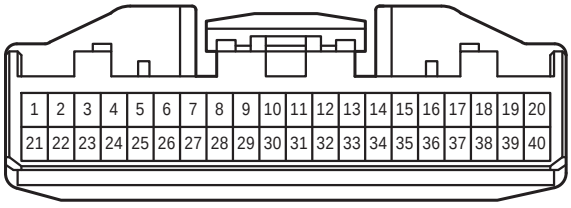
90980-12C61

G22
Black



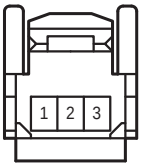
90980-12092

G34
Black



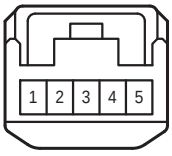
90980-12557

G44
White



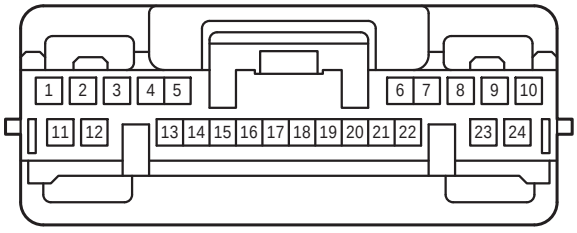
90980-12795

G58
White



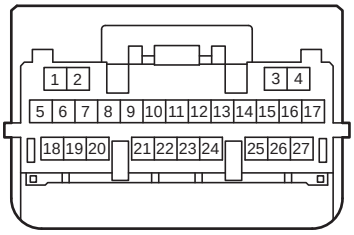
90980-12366

G66
Black



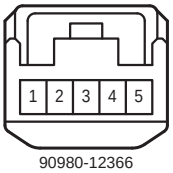
90980-12912

G71
White



90980-12B78

G73
White

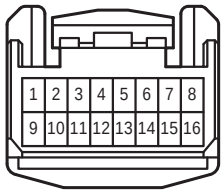


90980-12366

G74
Blue

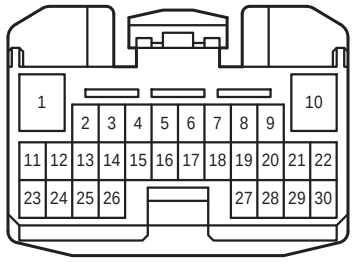
90980-10825

G80
White



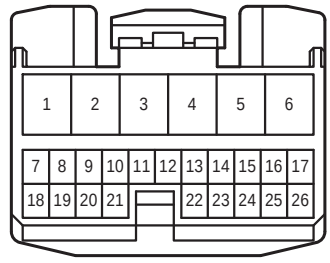
90980-12553

G81
White



90980-12562

G82
White



90980-12561

G83
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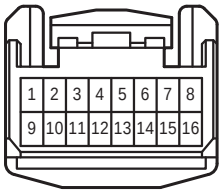
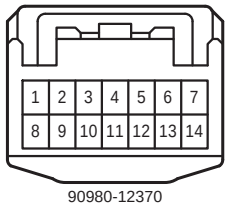


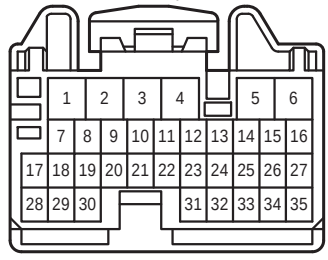
90980-12553

G91
White



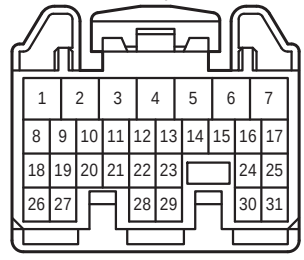
90980-12370

G92
Gray



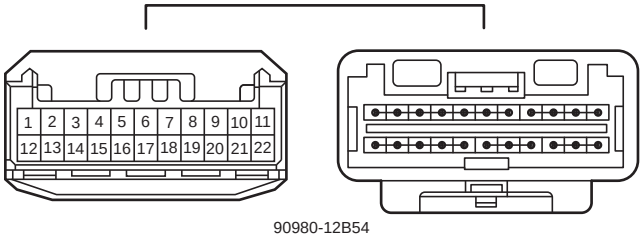
90980-12429

G93
Gray



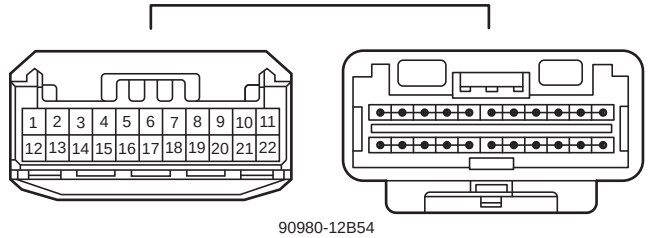
90980-12431

G105
Blue



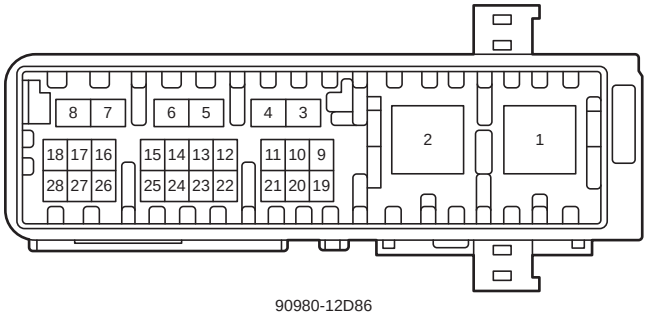
90980-12B54

G108
Black



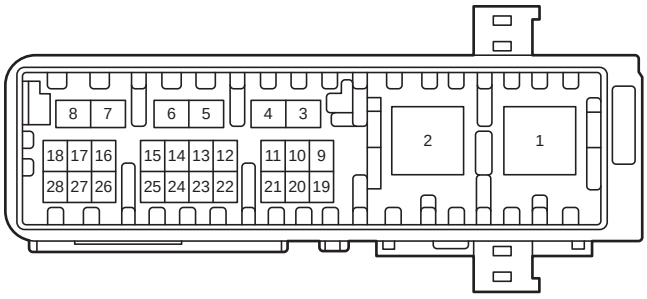
90980-12B54

G110
White



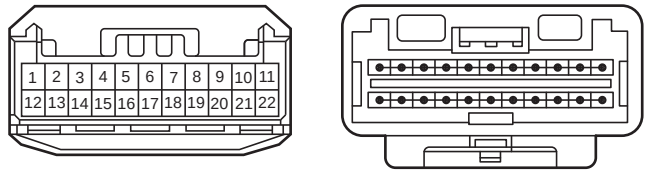
90980-12D86

G111
White



90980-12D86

G119
Blue



90980-12B54

G120
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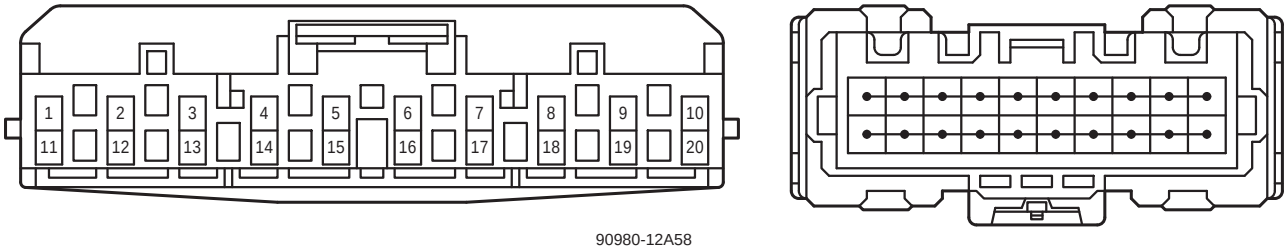

90980-12A58

G122
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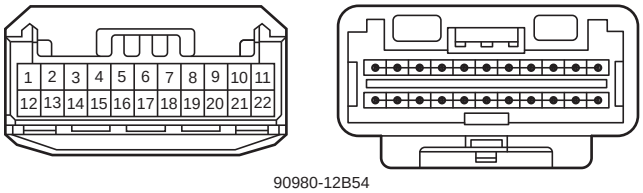

90980-12B54

G129
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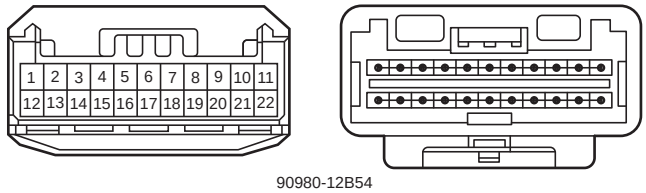
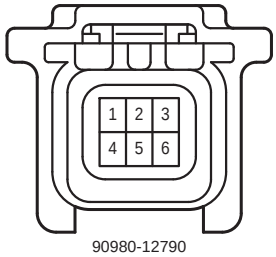


90980-12B54

H6
White

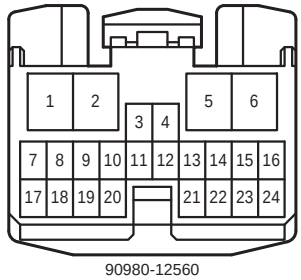
90980-12226

H7
Gray



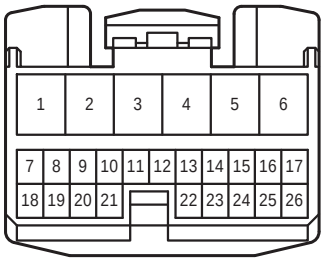
90980-12790

H10
White



90980-12560

H12
White



90980-12561

H23
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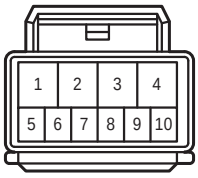
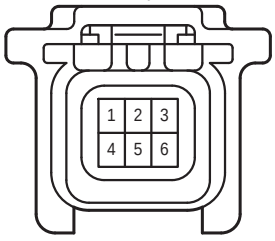


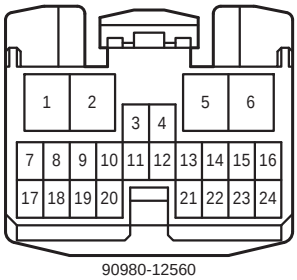
90980-12226

H25
Gray



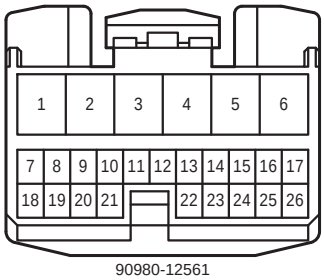
90980-12790

H29
White



90980-12560

H31
White



90980-12561

H39
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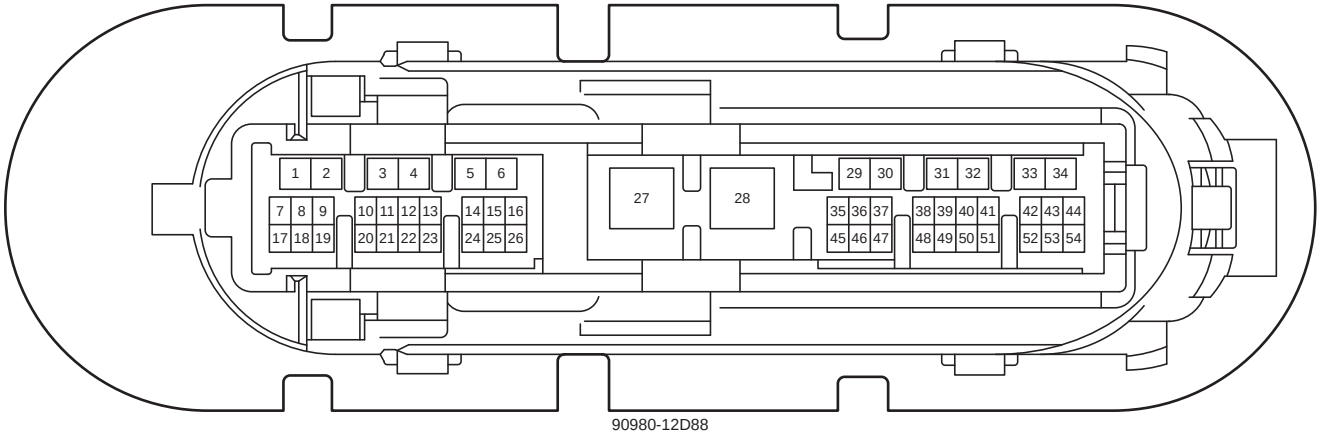
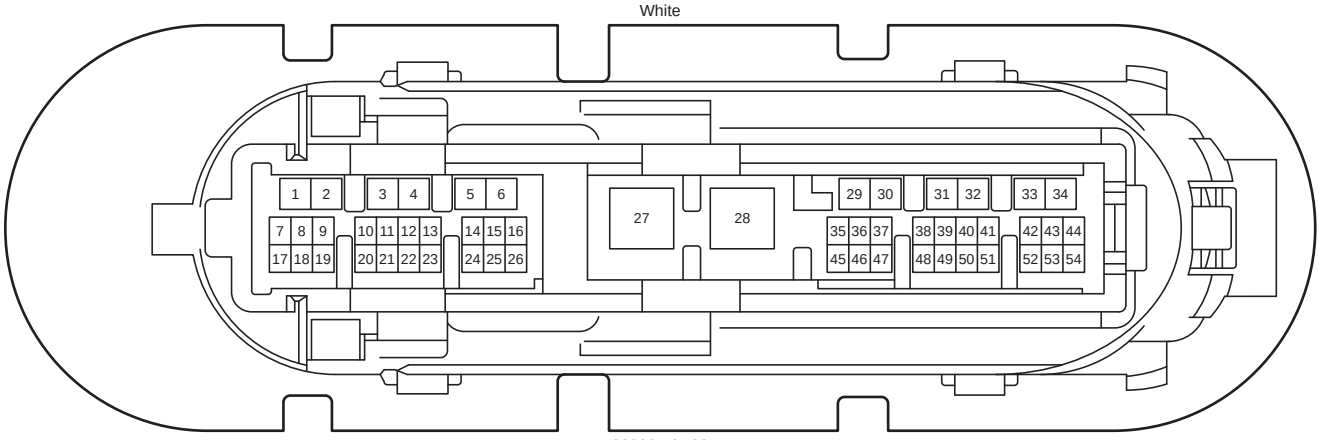


90980-12D88

H40
White

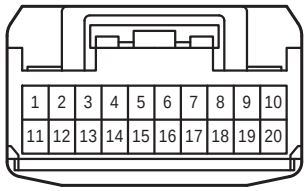


90980-12D88

I1
Black

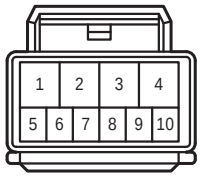
90980-12552

I5
White



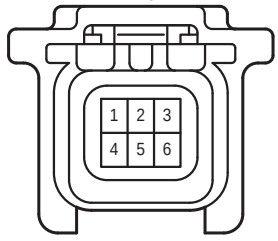
90980-12460

K2
White



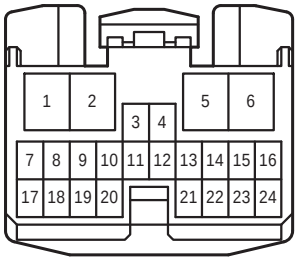
90980-12226

K5
Gray



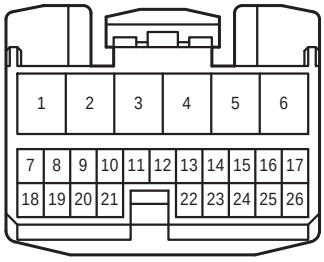
90980-12790

K6
White



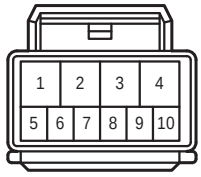
90980-12560

K7
White



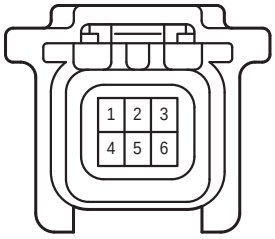
90980-12561

K16
White



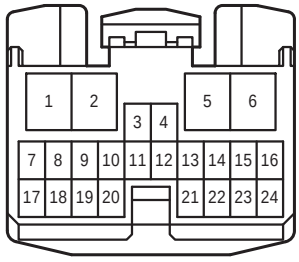
90980-12226

K19
Gray



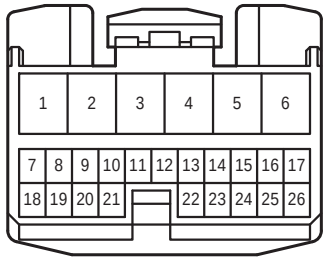
90980-12790

K20
White



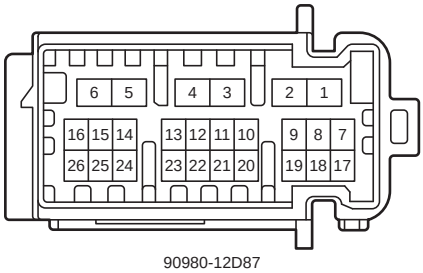
90980-12560

K21
White



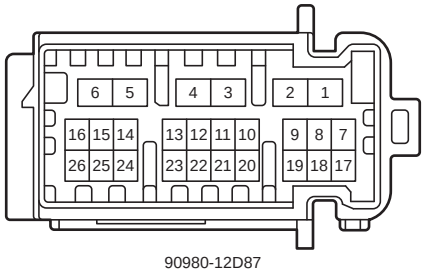
90980-12561

L1
Yellow



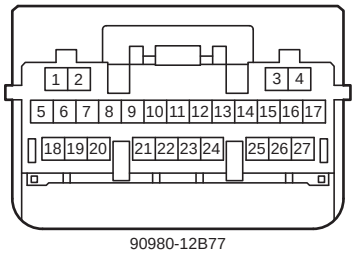
90980-12D87

L2
Yellow



90980-12D87

L31
White



90980-12B77

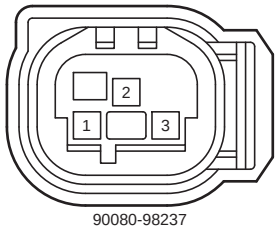
L32
White

90980-10871

L48
White

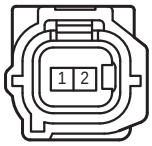
90980-12552

L50
Black



90080-98237

L51
Black



90980-12416

L62
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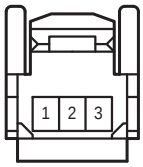
90980-10871

L65
White



90980-12795

L89
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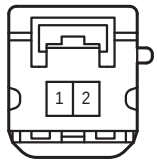

90980-12808

L115
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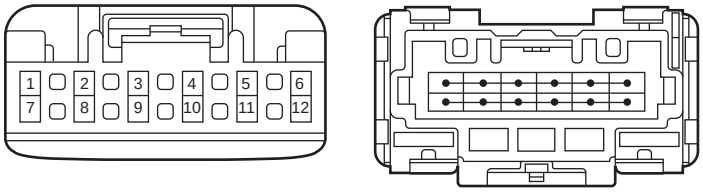

90980-12C68

L116
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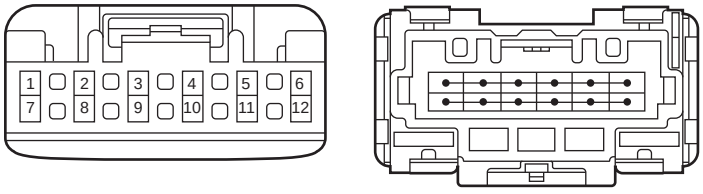

90980-12C68

L117
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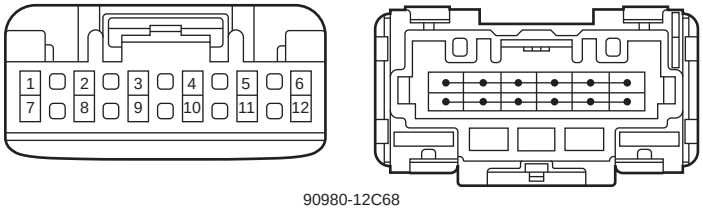

90980-12C68

L118
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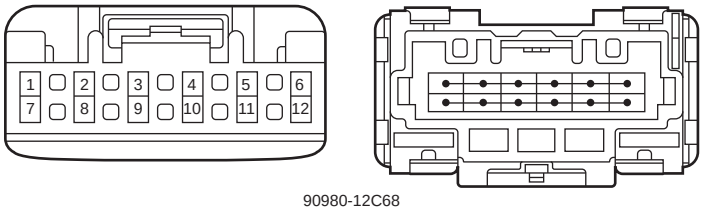
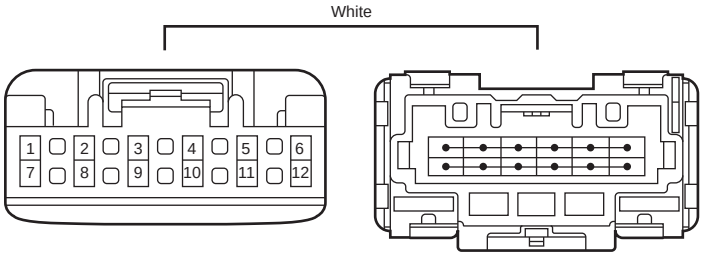


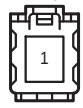
90980-12C68

L131
White



90980-12C68

L173
Gray



90980-12043

L174
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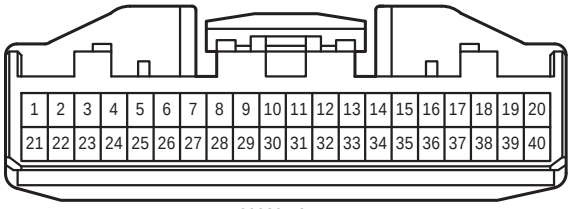
90980-50024

N7
White



90980-12557

N9
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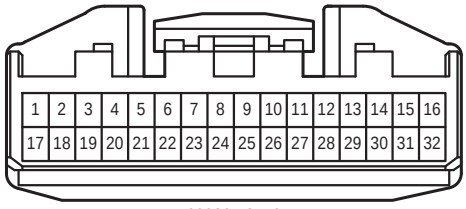

90980-12556

P3
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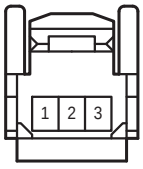

90980-12795

4D
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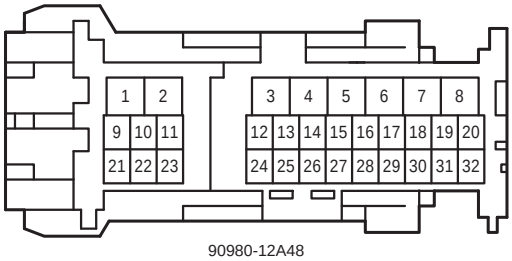
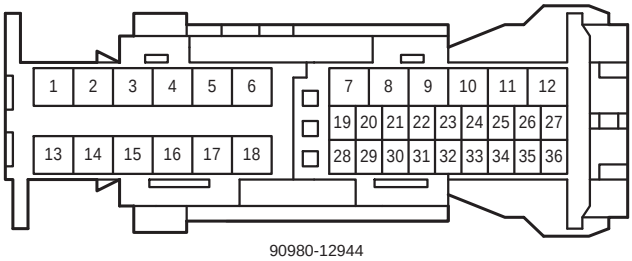


90980-12A48

4H
White



90980-12944

5A
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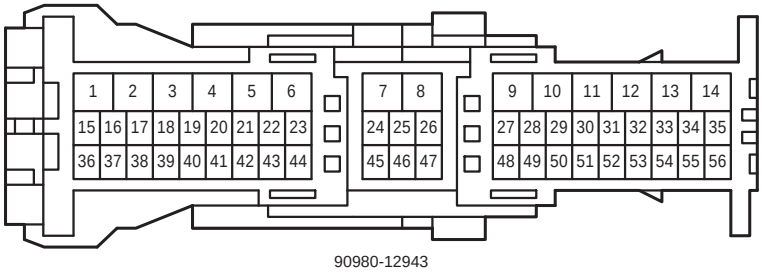

90980-12943

5D
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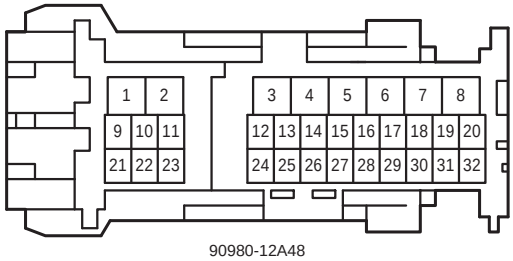
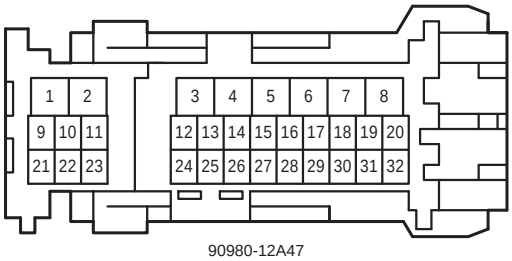


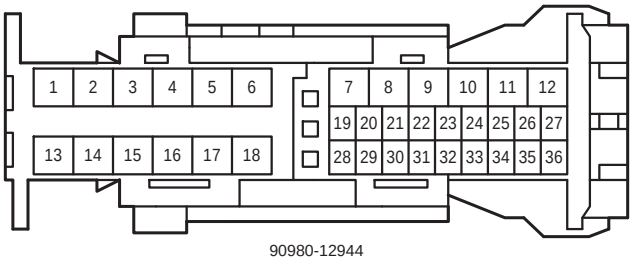
90980-12A48

5F
White



90980-12A47

5H
White



90980-12944

AL1
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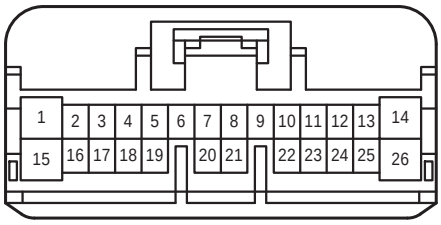
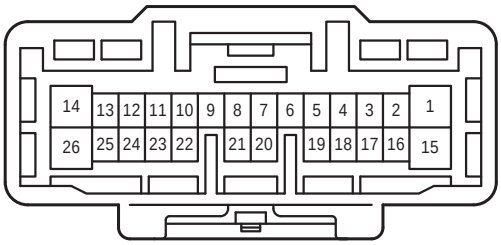


90980-12771



90980-12770

AL2
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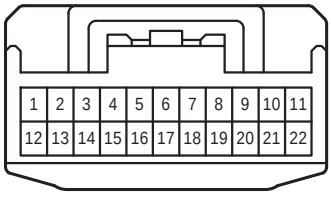
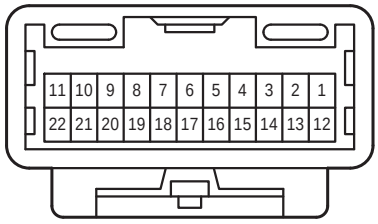


90980-12372



90980-12371

GA1
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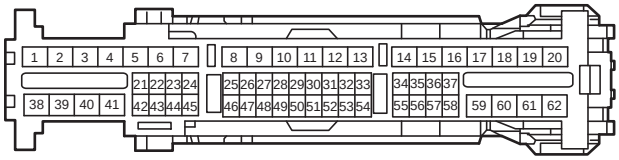
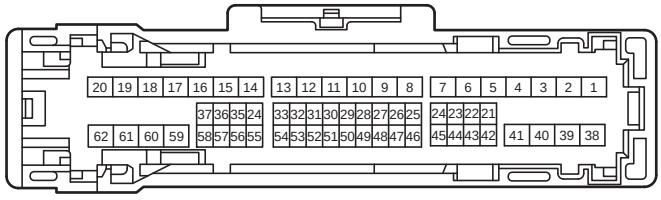
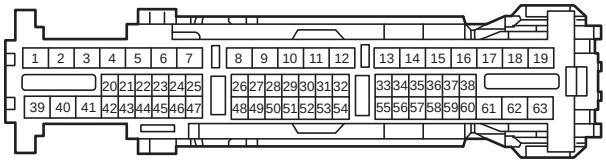


90980-12B22

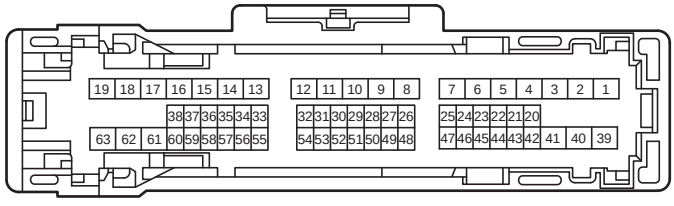


90980-12B21

GL1
Gray

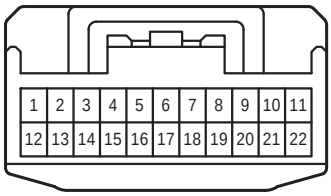


90980-12B20

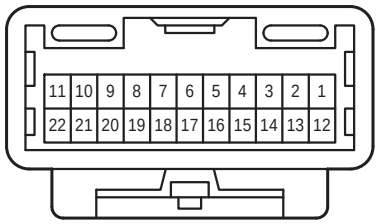


90980-12B19

GL2
White

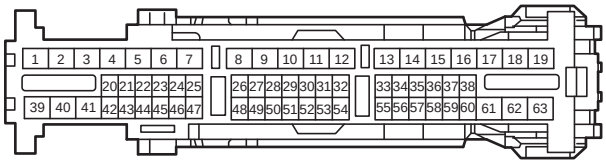


90980-12372

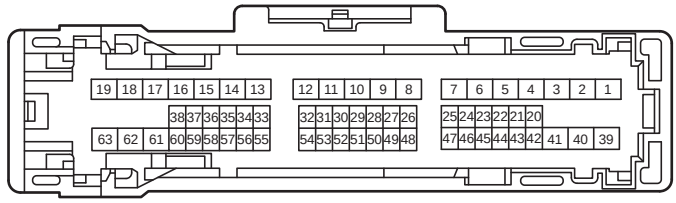


90980-12371

GL3
Gray

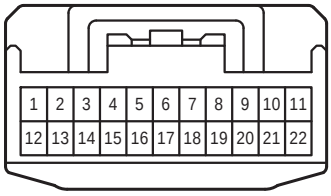


90980-12B20

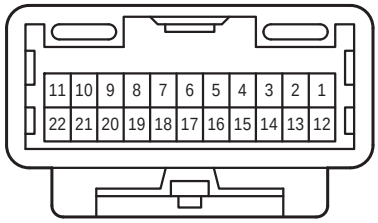


90980-12B19

GL5
White

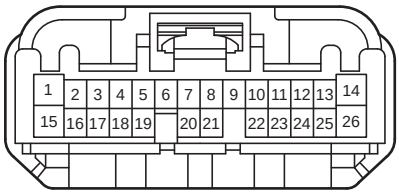


90980-12372

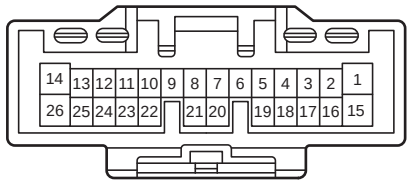


90980-12371

GN1
White



82824-24090



82824-24080

GN2
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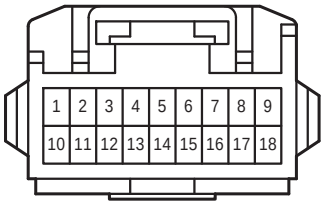
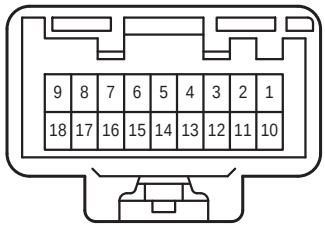


82824-53070



82824-53060

HI2
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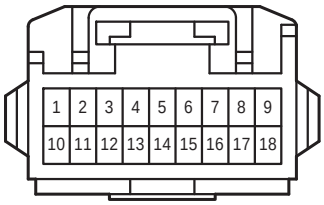

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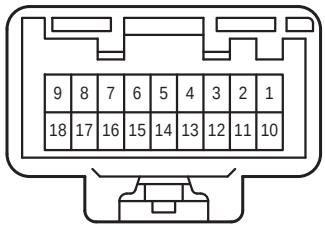

82824-53060

HI3
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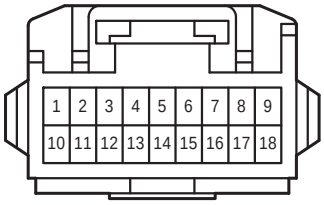
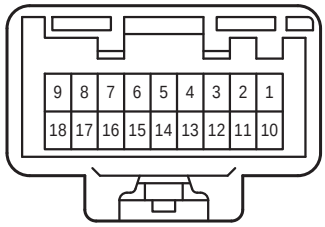


82824-53070



82824-53060

KL1
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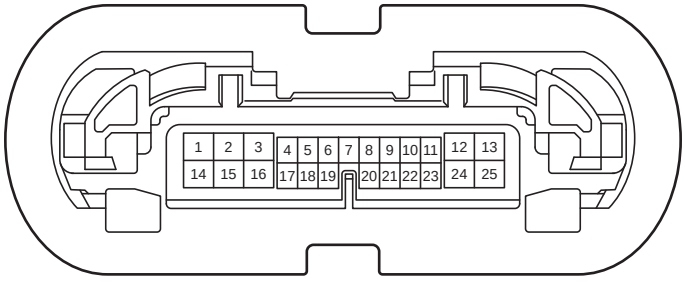
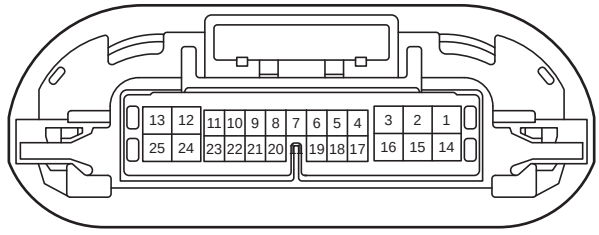
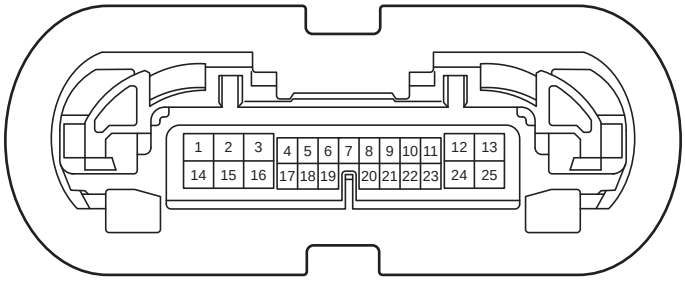


90980-12D82

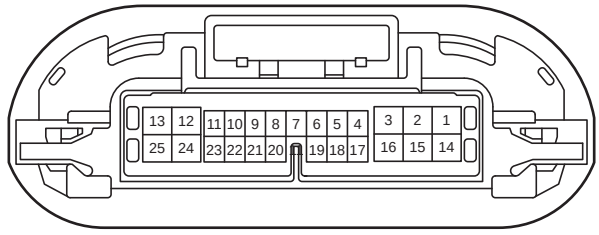


90980-12D81

KL2
White

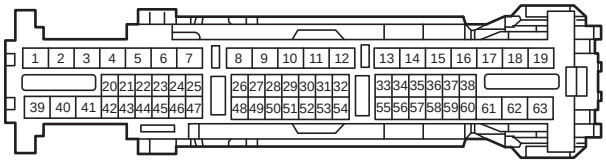


90980-12D82

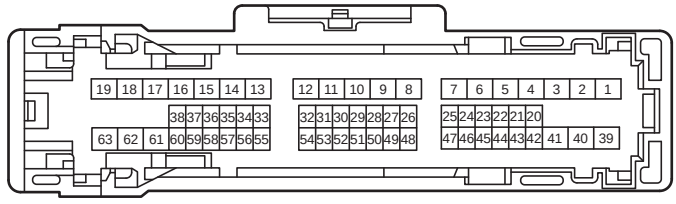


90980-12D81

PL1
Gray

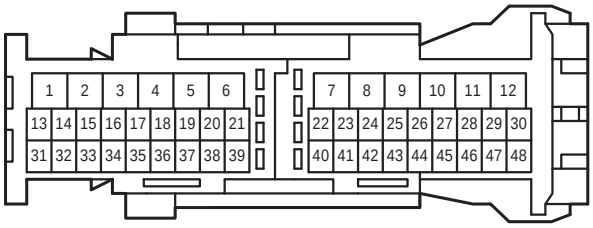


90980-12B20



90980-12B19

PL3
White



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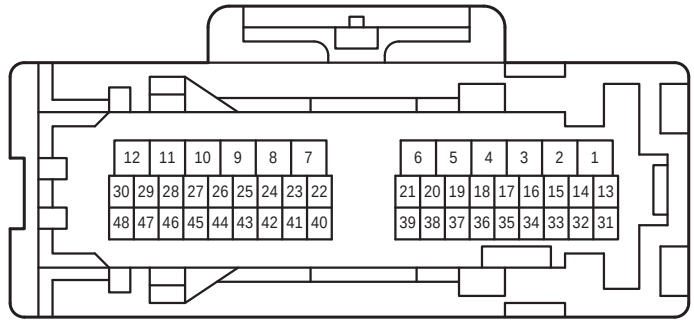

90980-12799