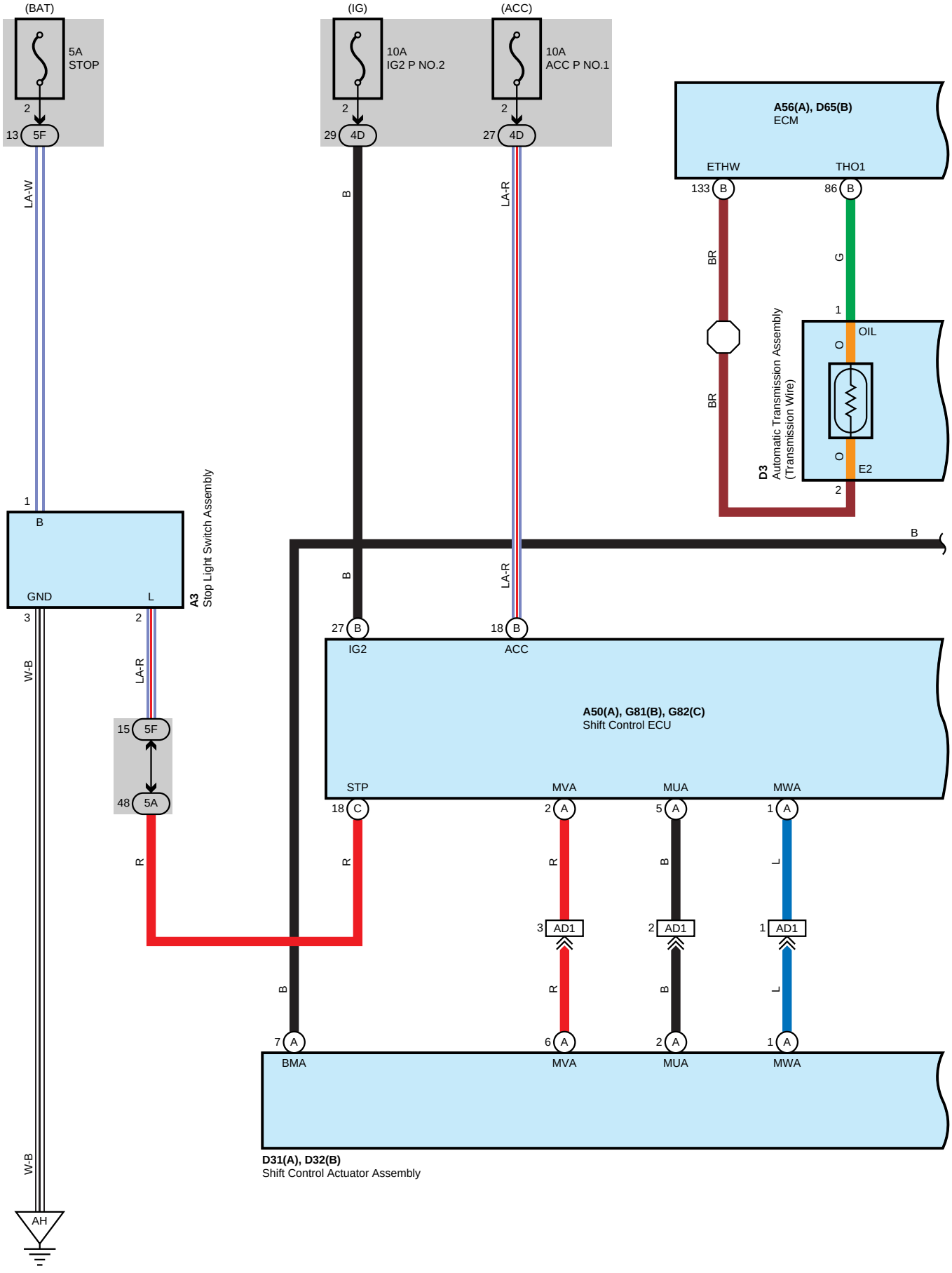
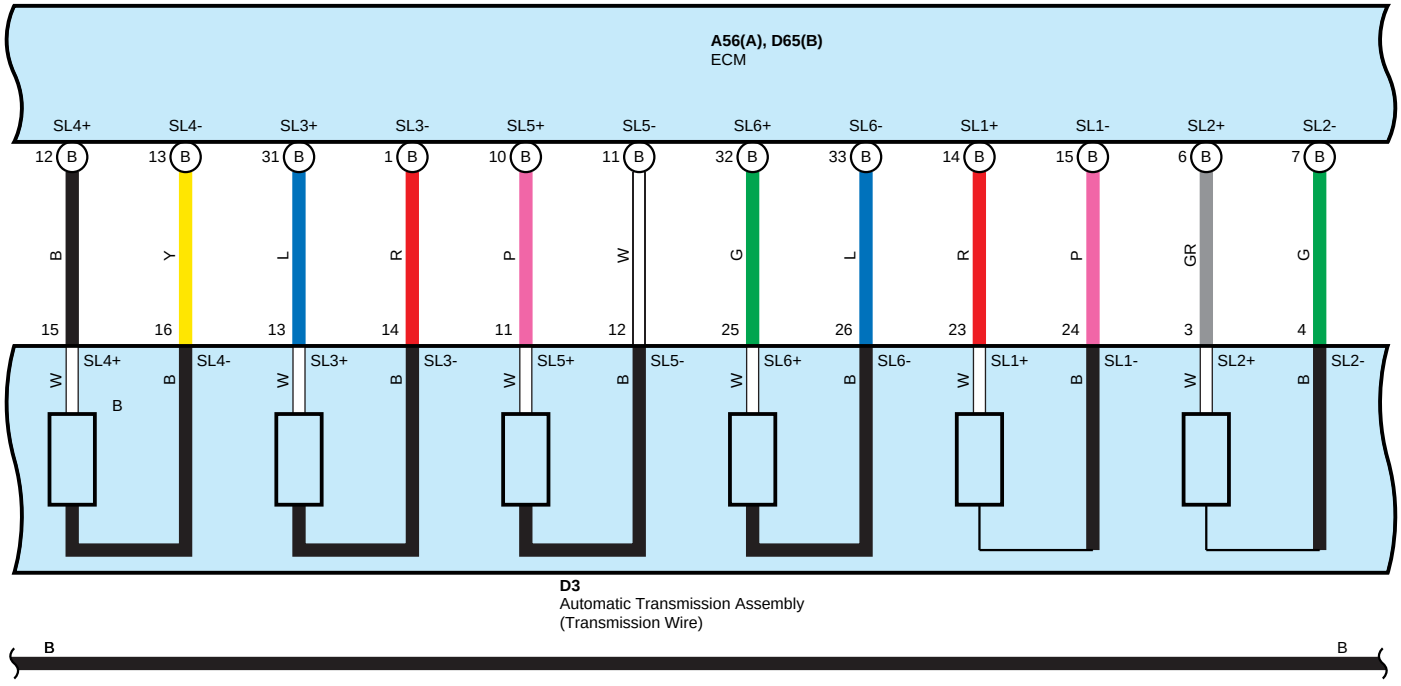
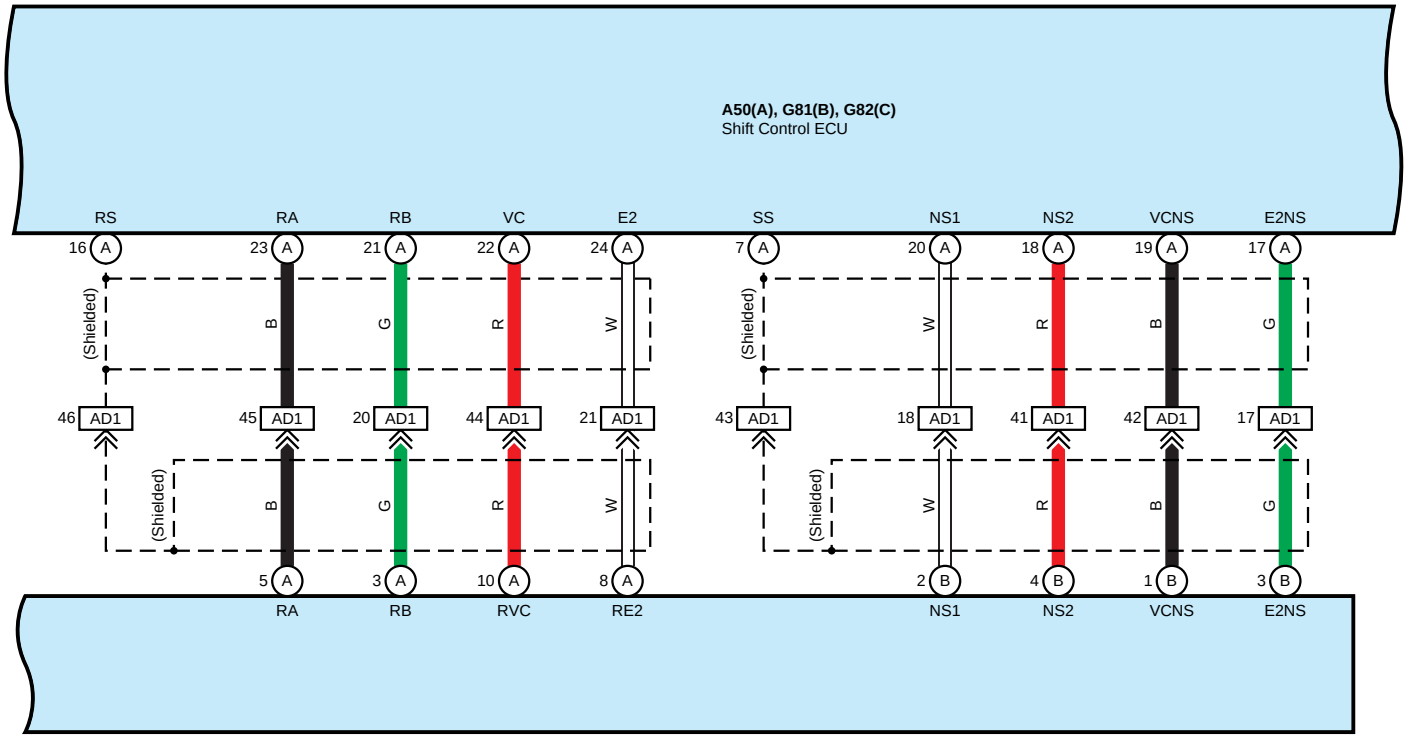
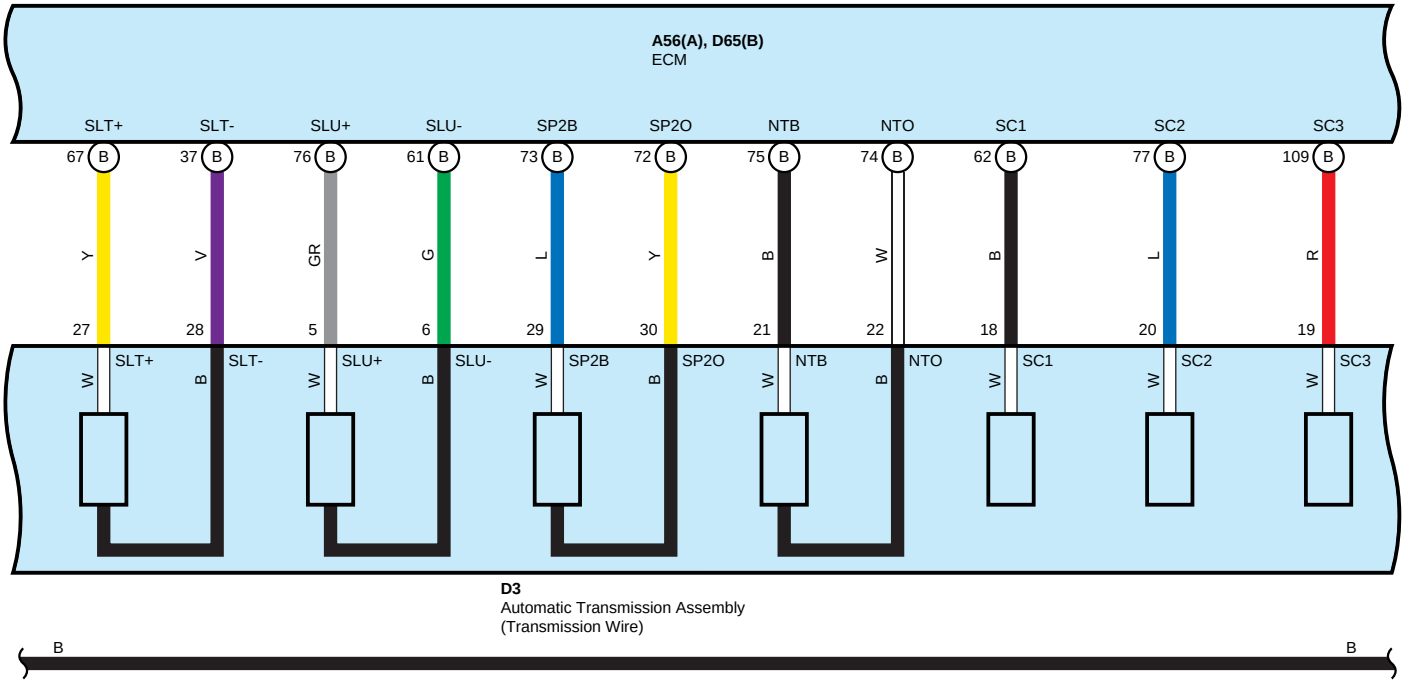
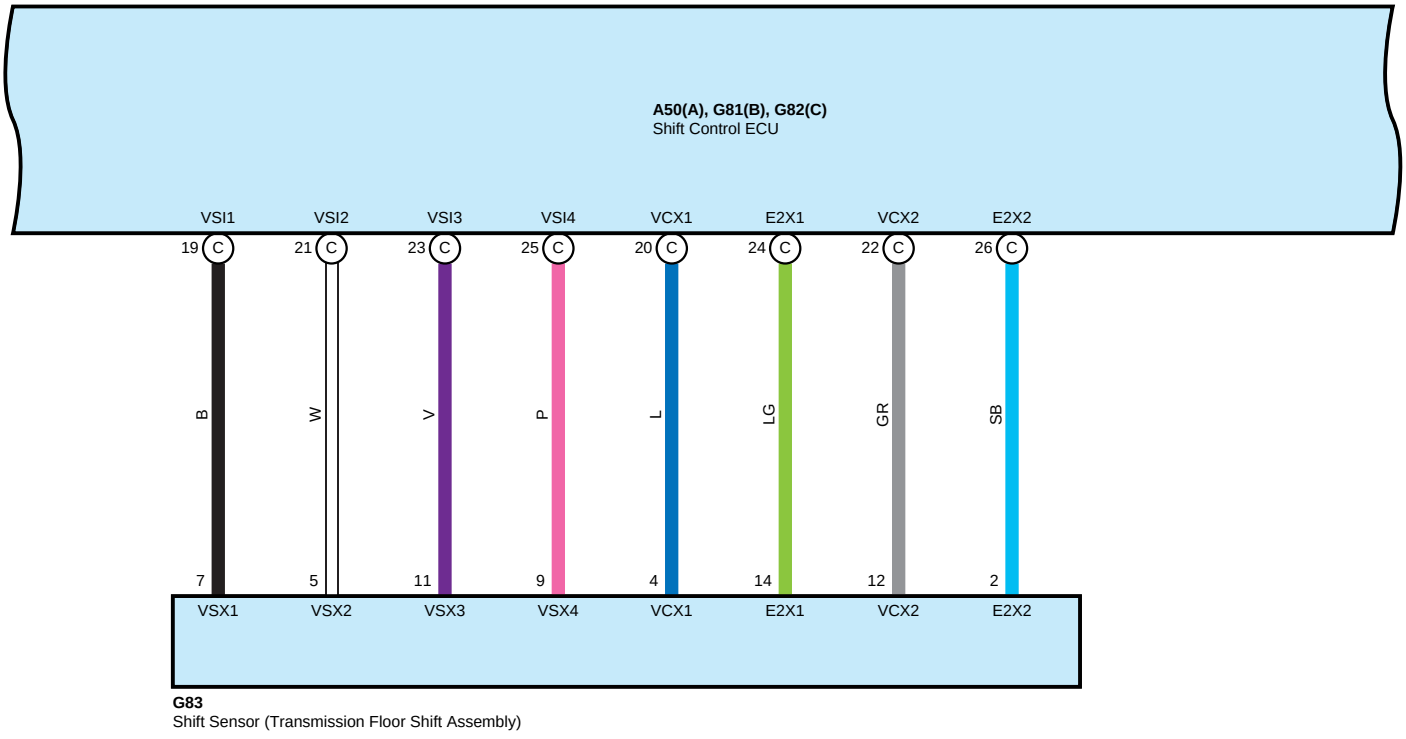
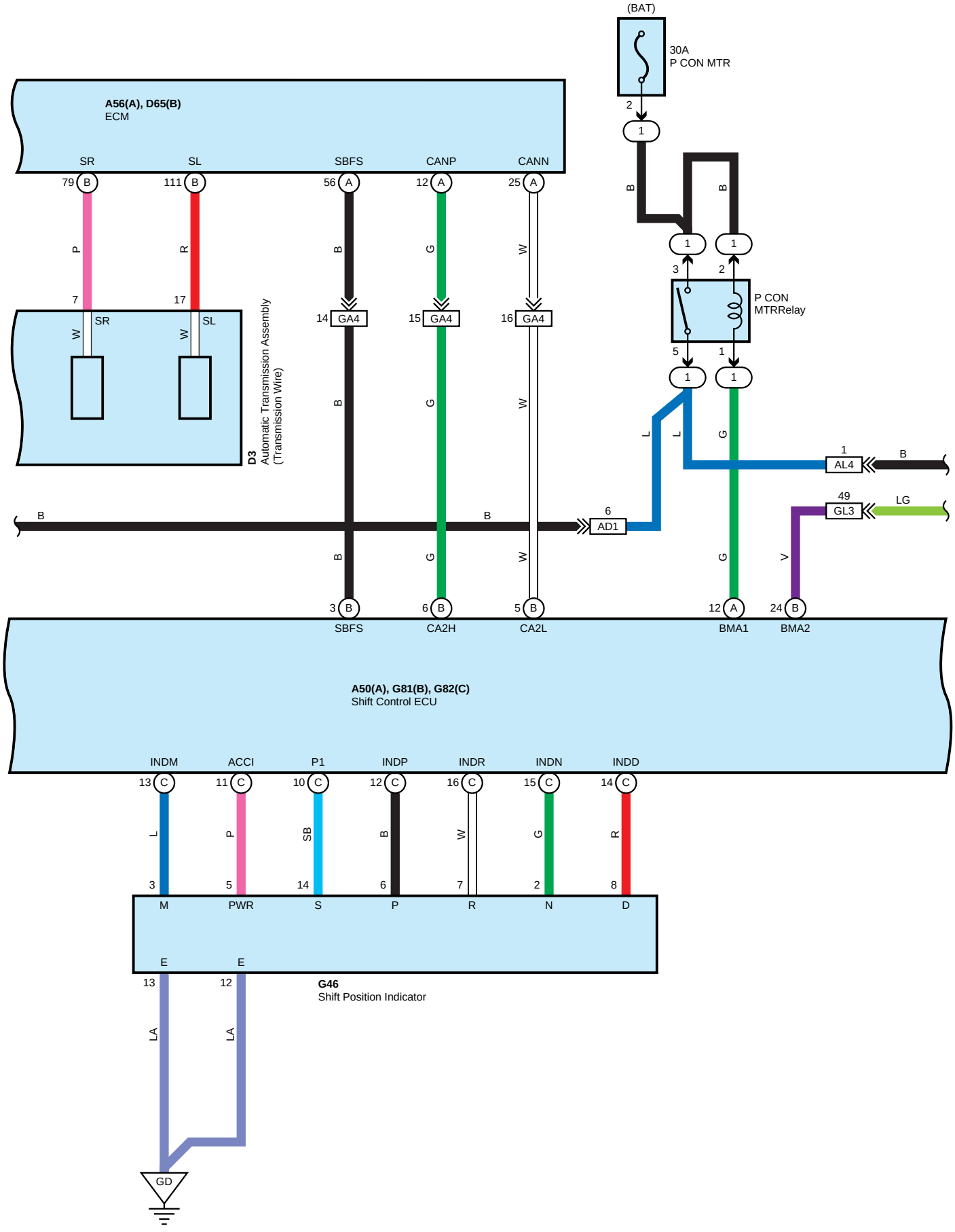

(BAT)
5A
STOP
2
13
5F
LA-W
(IG)
10A
IG2 P NO.2
2
29
4D
B
(ACC)
10A
ACC P NO.1
2
27
4D
LA-R
A56(A), D65(B)
ECM
ETHW
THO1
133
B
86
B
BR
G
1
OIL
O
BR
Automatic Transmission Assembly
(Transmission Wire)
D3
O
E2
2
1
B
GND
L
A3
Stop Light Switch Assembly
3
2
W-B
LA-R
B
B
LA-R
27
B
IG2
18
B
ACC
A50(A), G81(B), G82(C)
Shift Control ECU
15
5F
48
5A
STP
MVA
MUA
MWA
18
C
2
A
5
A
1
A
R
R
R
B
L
3
AD1
2
AD1
1
AD1
B
R
B
L
7
A
BMA
6
A
MVA
2
A
MUA
1
A
MWA
D31(A), D32(B)
Shift Control Actuator Assembly
W-B
AH

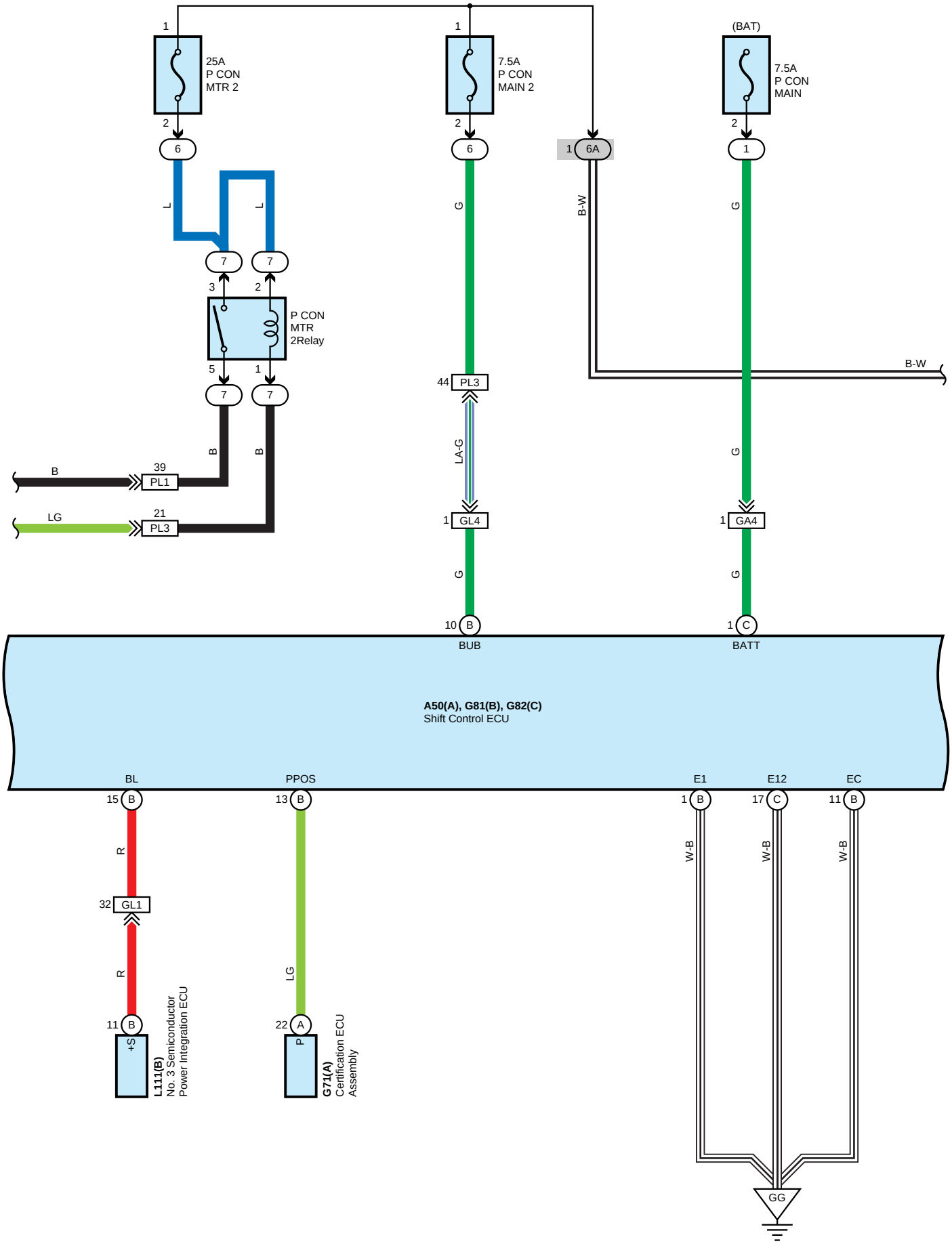

A56(A), D65(B)
ECM
SL4+ SL4- SL3+ SL3- SL5+ SL5- SL6+ SL6- SL1+ SL1- SL2+ SL2-
12 13 31 1 10 11 32 33 14 15 6 7
B Y L R P W G L R P GR G
15 16 13 14 11 12 25 26 23 24 3 4
W B W B W B W B W B W B
SL4+ SL4- SL3+ SL3- SL5+ SL5- SL6+ SL6- SL1+ SL1- SL2+ SL2-
B
D3
Automatic Transmission Assembly
(Transmission Wire)
B
B

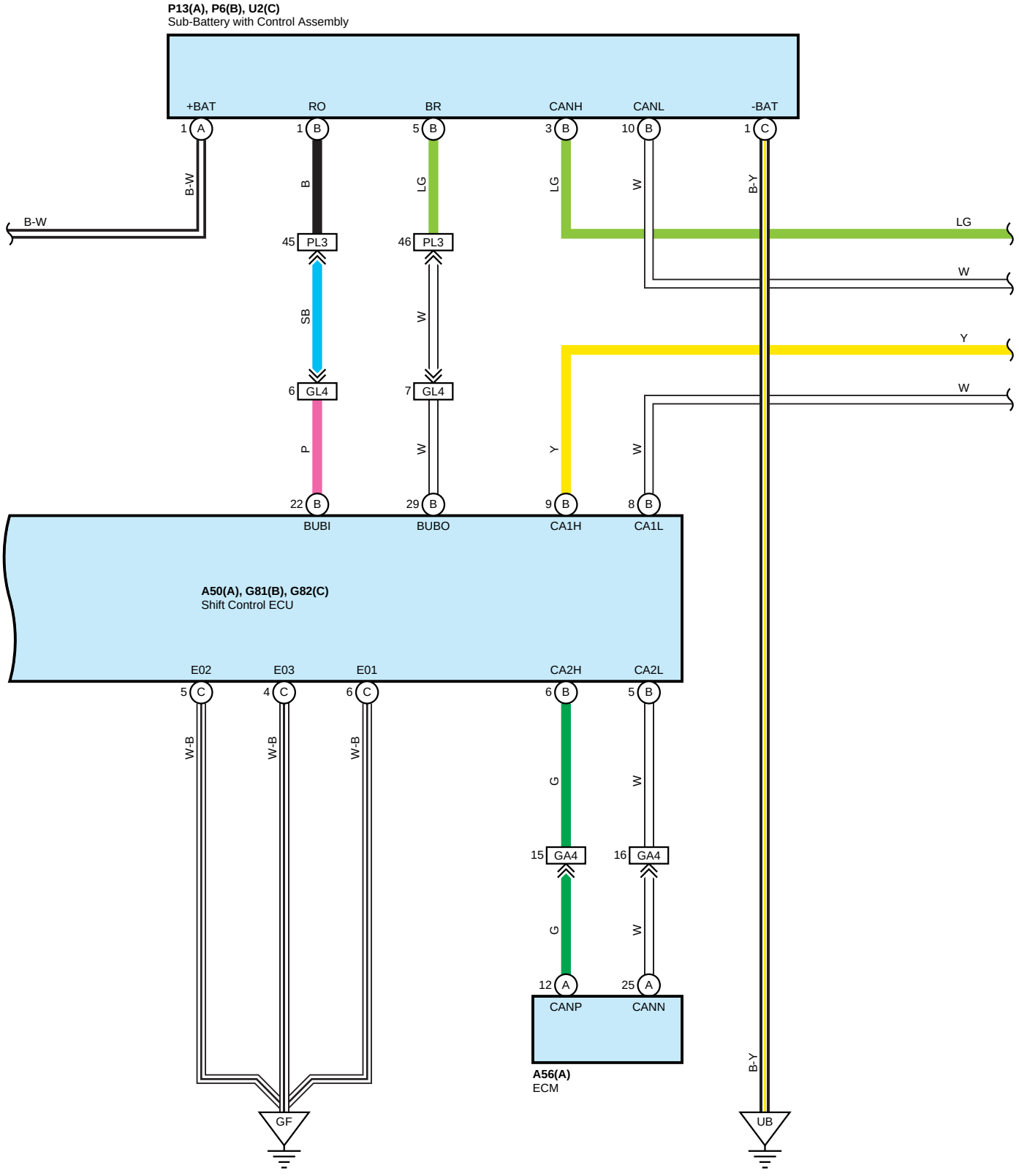

A50(A), G81(B), G82(C)
Shift Control ECU
RS RA RB VC E2 SS NS1 NS2 VCNS E2NS
16 23 21 22 24 7 20 18 19 17
(Shielded)
B G R W W R B G
46 45 20 44 21 43 18 41 42 17
AD1
(Shielded)
B G R W W R B G
5 3 10 8 2 4 1 3
RA RB RVC RE2 NS1 NS2 VCNS E2NS
D31(A), D32(B)
Shift Control Actuator Assembly

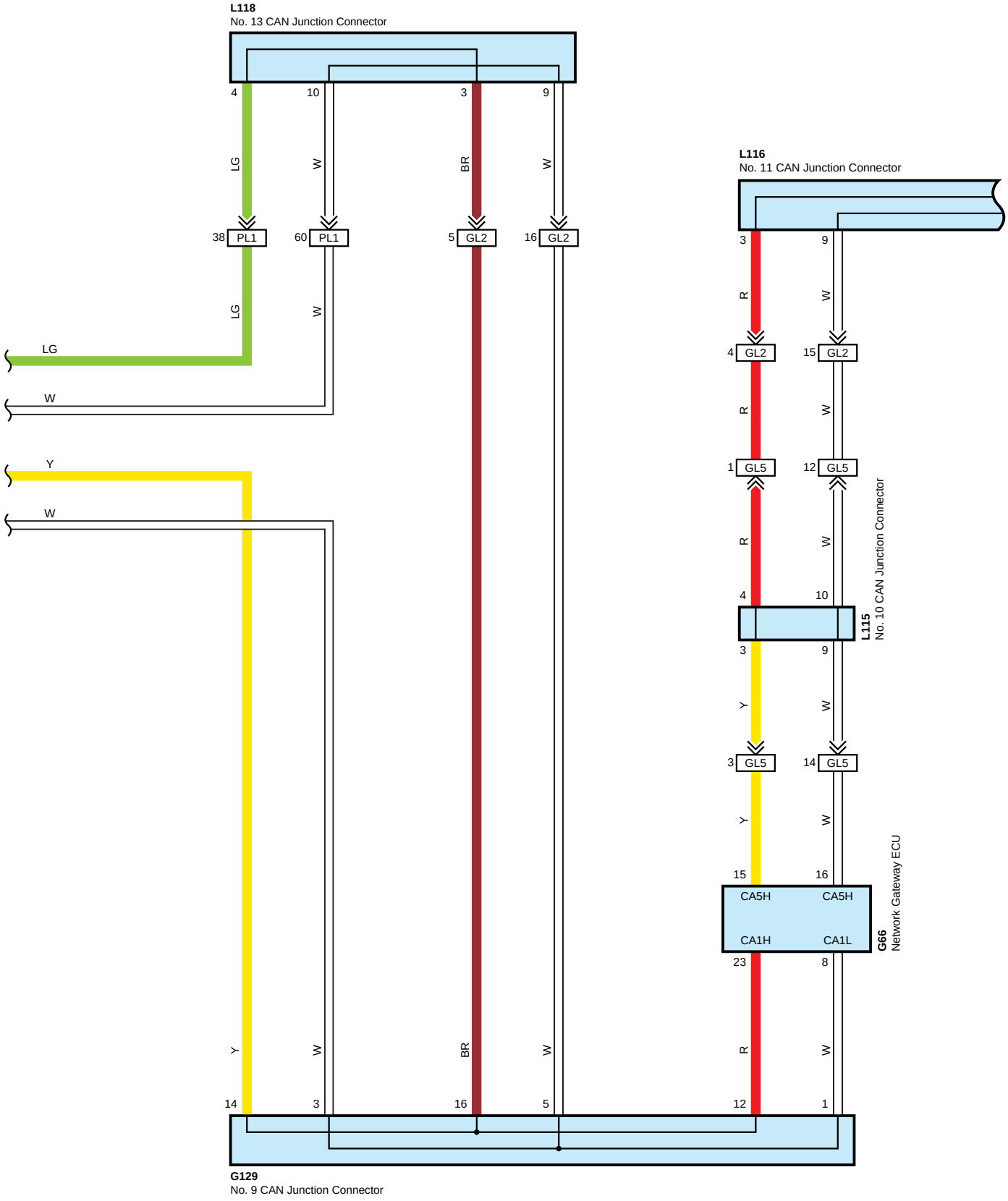

A56(A), D65(B)
ECM
SLT+
SLT-
SLU+
SLU-
SP2B
SP2O
NTB
NTO
SC1
SC2
SC3
67 B
37 B
76 B
61 B
73 B
72 B
75 B
74 B
62 B
77 B
109 B
Y
V
GR
G
L
Y
B
W
B
L
R
27
28
5
6
29
30
21
22
18
20
19
W
SLT+
B
SLT-
W
SLU+
B
SLU-
W
SP2B
B
SP2O
W
NTB
B
NTO
W
SC1
W
SC2
W
SC3
D3
Automatic Transmission Assembly
(Transmission Wire)
B
B

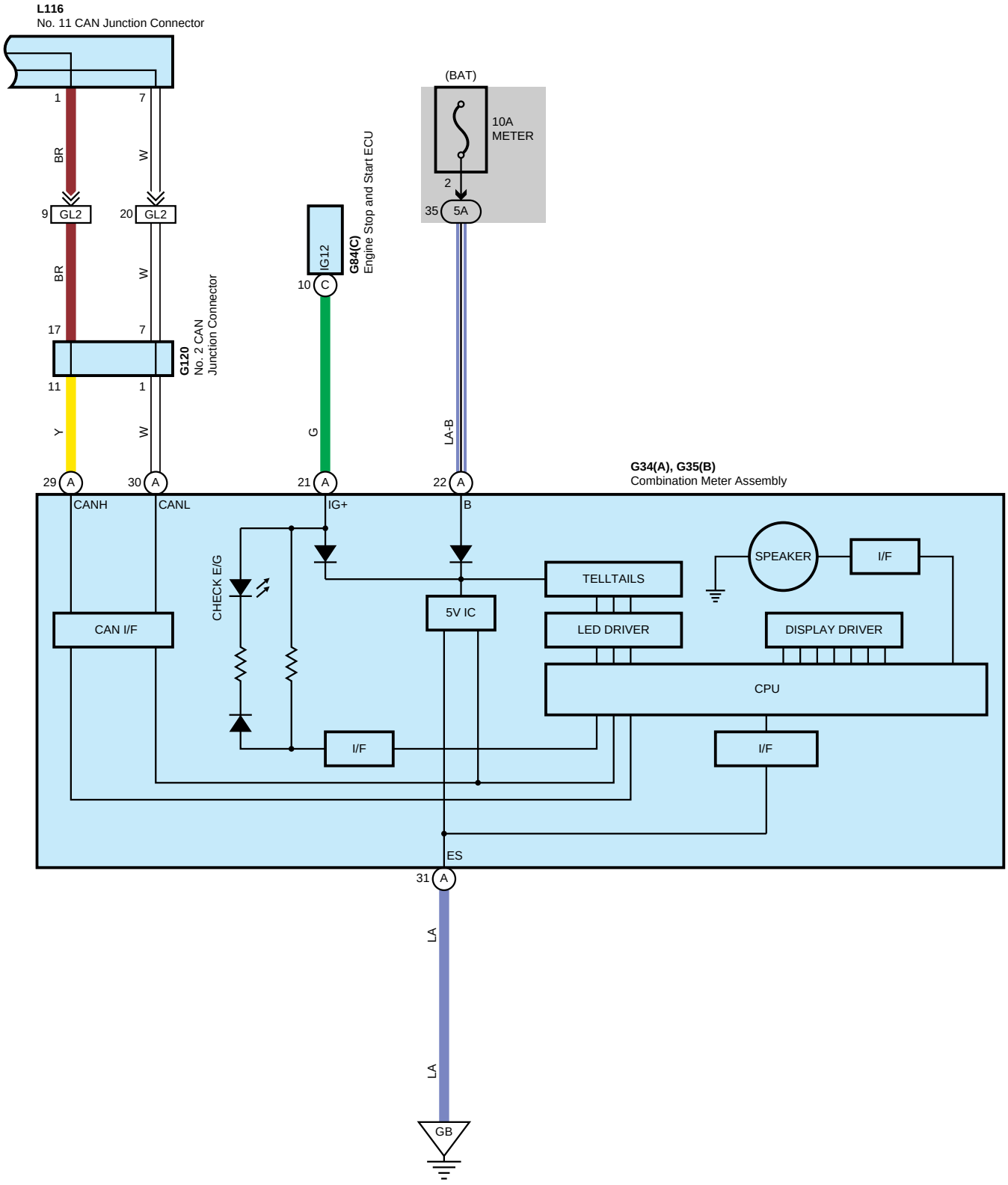

A50(A), G81(B), G82(C)
Shift Control ECU
VSI1
VSI2
VSI3
VSI4
VCX1
E2X1
VCX2
E2X2
19 C
21 C
23 C
25 C
20 C
24 C
22 C
26 C
B
W
V
P
L
LG
GR
SB
7
5
11
9
4
14
12
2
VSX1
VSX2
VSX3
VSX4
VCX1
E2X1
VCX2
E2X2
G83
Shift Sensor (Transmission Floor Shift Assembly)


(BAT)
30A
P CON MTR
A56(A), D65(B)
ECM
SR
SL
SBFS
CANP
CANN
79 B
111 B
56 A
12 A
25 A
P
R
B
G
W
7
17
SR
SL
W
W
14 GA4
15 GA4
16 GA4
D3
Automatic Transmission Assembly
(Transmission Wire)
P CON
MTRRelay
3
2
5
1
L
L
G
1
AL4
B
49
GL3
LG
6
AD1
B
B
B
G
W
G
V
3 B
6 B
5 B
12 A
24 B
SBFS
CA2H
CA2L
BMA1
BMA2
A50(A), G81(B), G82(C)
Shift Control ECU
INDM
ACCI
P1
INDP
INDR
INDN
INDD
13 C
11 C
10 C
12 C
16 C
15 C
14 C
L
P
SB
B
W
G
R
3
5
14
6
7
2
8
M
PWR
S
P
R
N
D
E
E
13
12
G46
Shift Position Indicator
LA
LA
GD

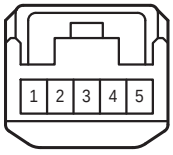

25A
P CON
MTR 2
7.5A
P CON
MAIN 2
(BAT)
7.5A
P CON
MAIN
P CON
MTR
2Relay
PL1
PL3
GL4
GA4
B-W
LA-G
BUB
BATT
A50(A), G81(B), G82(C)
Shift Control ECU
BL
PPOS
E1
E12
EC
GL1
L111(B)
No. 3 Semiconductor
Power Integration ECU
G71(A)
Certification ECU
Assembly
GG


P13(A), P6(B), U2(C)
Sub-Battery with Control Assembly
+BAT
RO
BR
CANH
CANL
-BAT
1 A
1 B
5 B
3 B
10 B
1 C
B-W
B
LG
LG
W
B-Y
B-W
LG
45 PL3
46 PL3
W
SB
W
Y
6 GL4
7 GL4
W
P
W
Y
W
22 B
29 B
9 B
8 B
BUBI
BUBO
CA1H
CA1L
A50(A), G81(B), G82(C)
Shift Control ECU
E02
E03
E01
CA2H
CA2L
5 C
4 C
6 C
6 B
5 B
W-B
W-B
W-B
G
W
15 GA4
16 GA4
G
W
12 A
25 A
CANP
CANN
A56(A)
ECM
B-Y
GF
UB


L118
No. 13 CAN Junction Connector
4
10
3
9
LG
W
BR
W
38 PL1
60 PL1
5 GL2
16 GL2
LG
W
LG
W
Y
W
L116
No. 11 CAN Junction Connector
3
9
R
W
4 GL2
15 GL2
R
W
1 GL5
12 GL5
R
W
4
10
L115
No. 10 CAN Junction Connector
3
9
Y
W
3 GL5
14 GL5
Y
W
15
16
CA5H
CA5H
CA1H
CA1L
G66
Network Gateway ECU
23
8
Y
W
BR
W
R
W
14
3
16
5
12
1
G129
No. 9 CAN Junction Connector

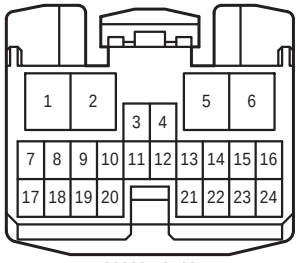

L116
No. 11 CAN Junction Connector
1
7
BR
W
9
GL2
20
GL2
BR
W
17
7
G120
No. 2 CAN
Junction Connector
11
1
Y
W
29
A
30
A
CANH
CANL
(BAT)
10A
METER
2
35
5A
IG12
G84(C)
Engine Stop and Start ECU
10
C
G
21
A
LA-B
22
A
IG+
B
G34(A), G35(B)
Combination Meter Assembly
CHECK E/G
CAN I/F
5V IC
TELLTAILS
LED DRIVER
SPEAKER
I/F
DISPLAY DRIVER
CPU
I/F
I/F
ES
31
A
LA
LA
GB

A3
Black



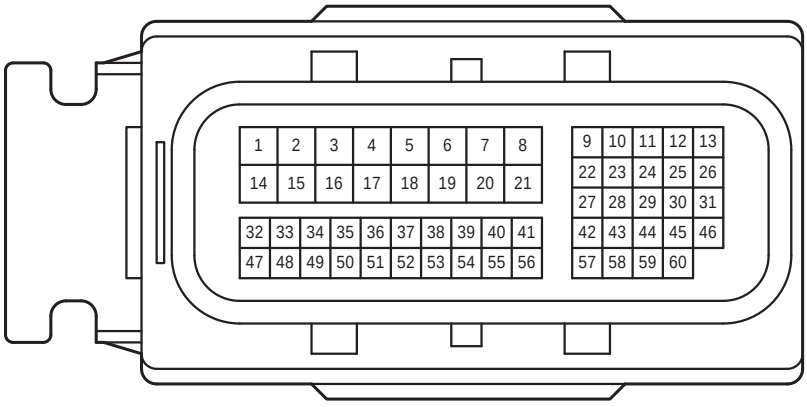
90980-12366

A50
White



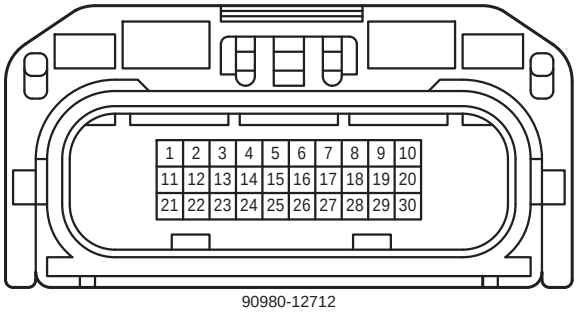
90980-12560

A56
Black



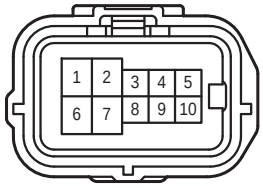
90980-12931

D3
Gray



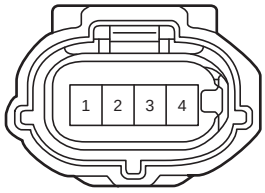
90980-12712

D31
Black



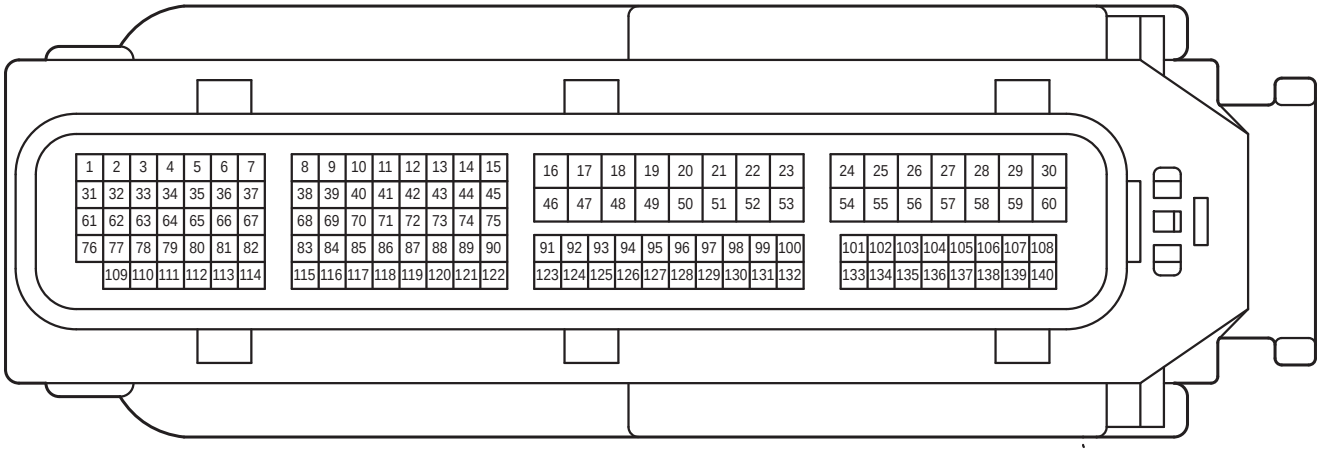
90980-12446

D32
Black



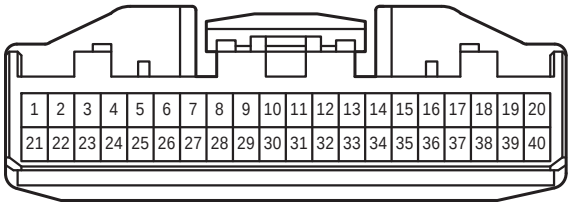
90980-12A85

D65
Black



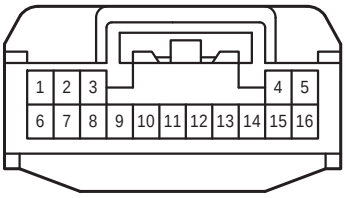
90980-12966

G34
Black



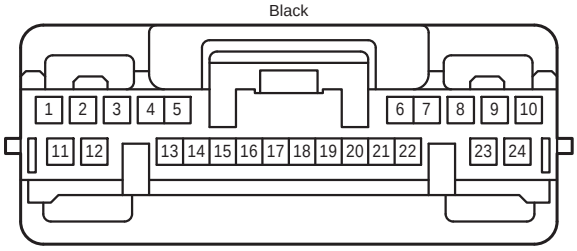
90980-12557

G46
White



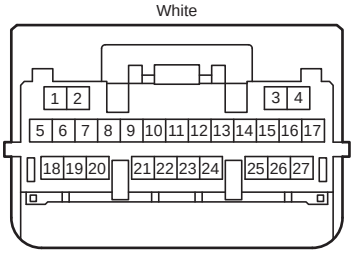
90980-12423

G66
Black



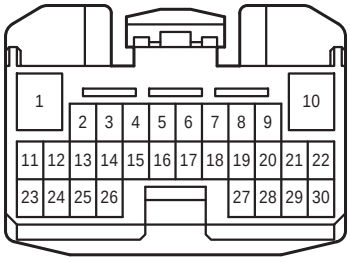
90980-12912

G71
White



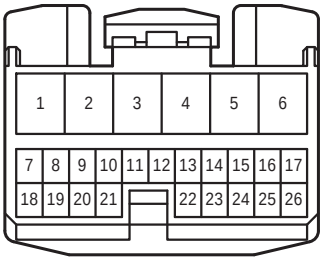
90980-12B78

G81
White



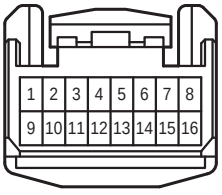
90980-12562

G82
White



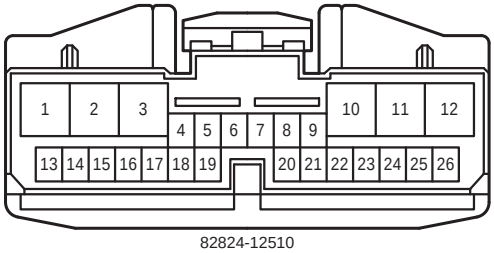
90980-12561

G83
White



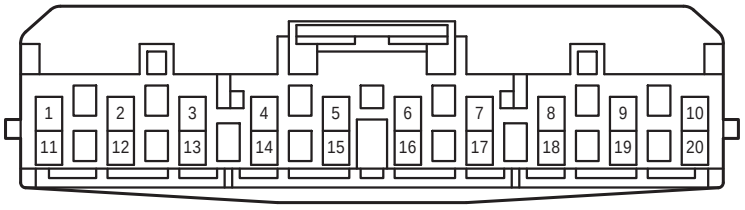
90980-12553

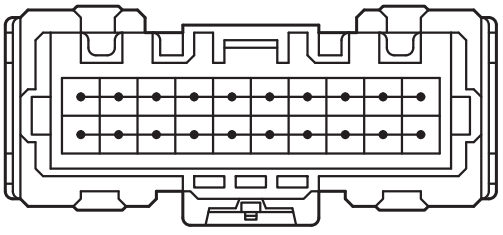
G84
Black



82824-12510

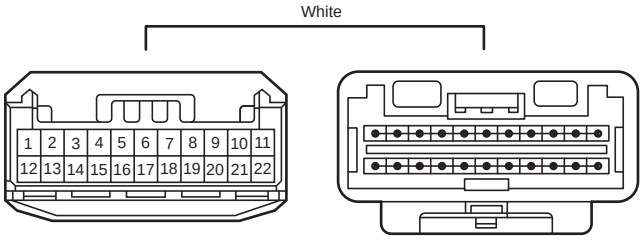
G120
White





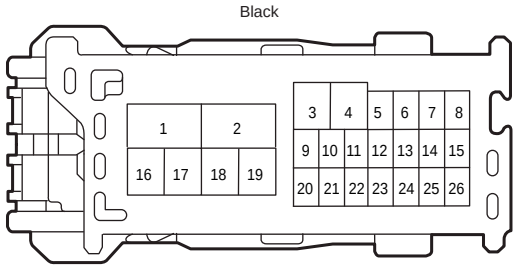
90980-12A58

G129
White



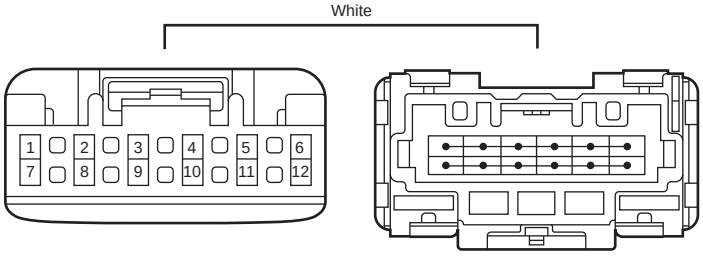
90980-12B54

L111
Black



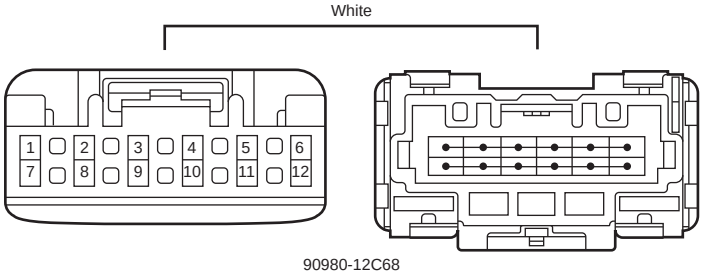
90980-12C41

L115
White



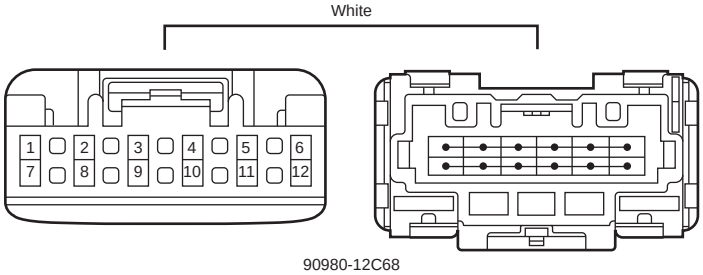
90980-12C68

L116
White



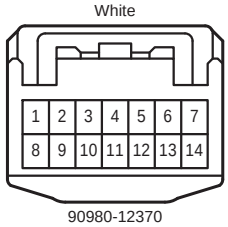
90980-12C68

L118
White



90980-12C68

P6
White



90980-12370

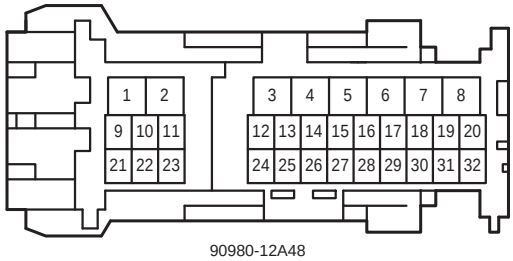
P13

82675-28470

U2

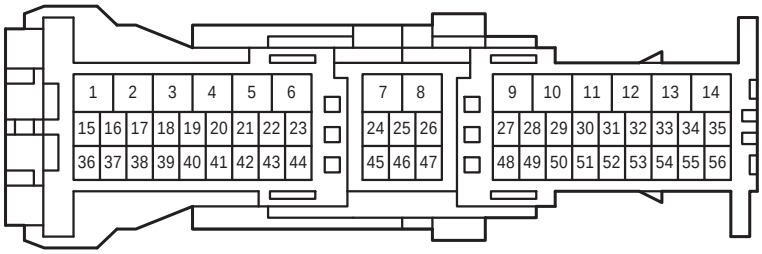
82675-28470

4D
White



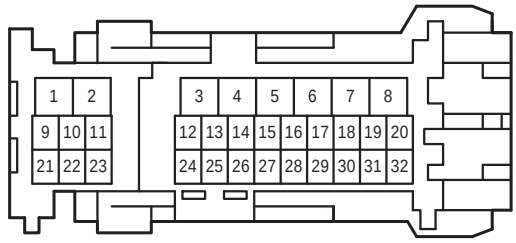
90980-12A48

5A
White



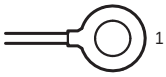
90980-12943

5F
White



90980-12A47

6A



82675-33060

AD1

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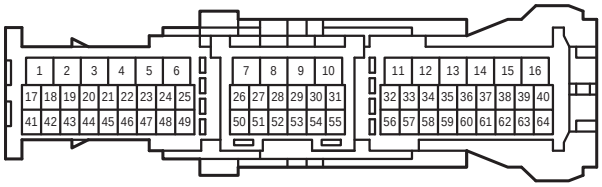

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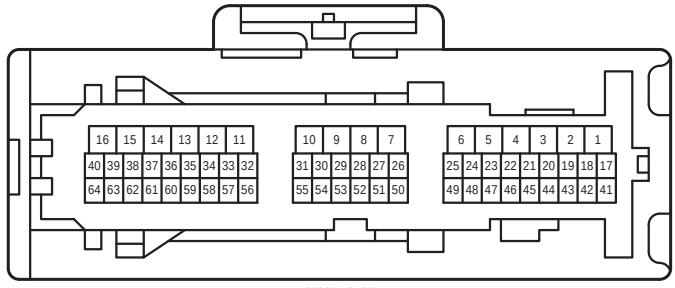

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AL4
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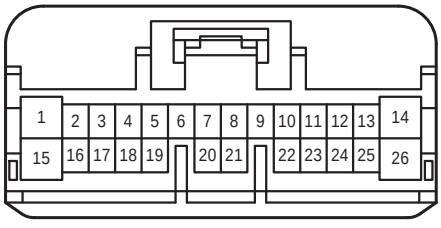

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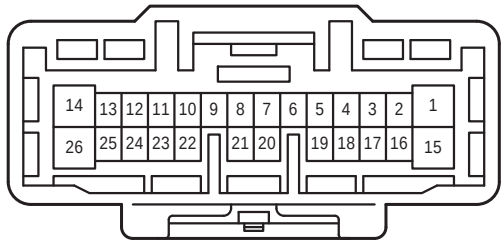

90980-12770

GA4
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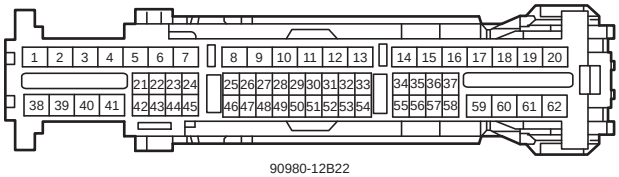

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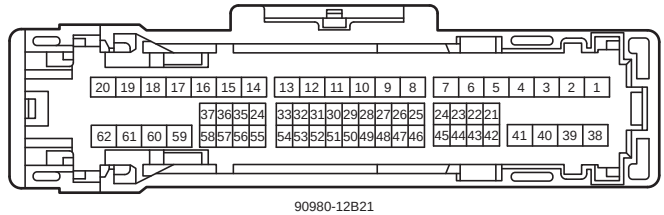

90980-12B21

GL1
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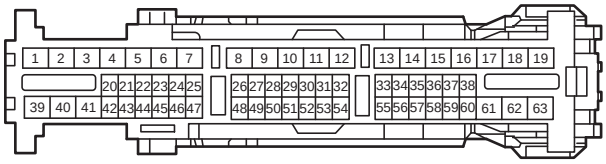

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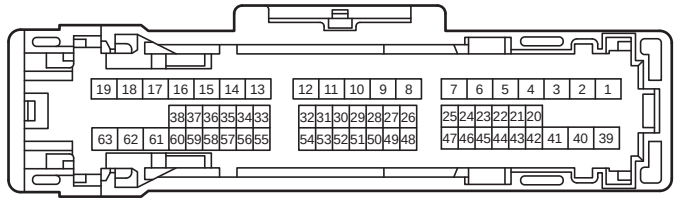

90980-12B19

GL2
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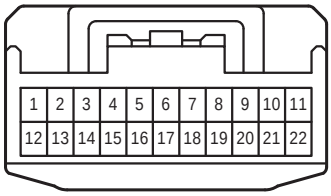
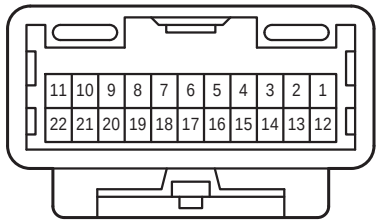


90980-12372



90980-12371

GL3
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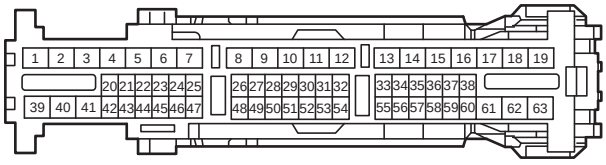

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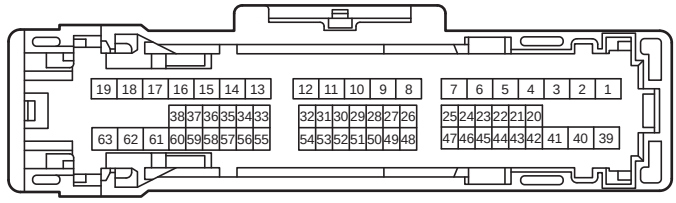

90980-12B19

GL4
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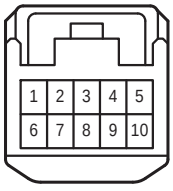

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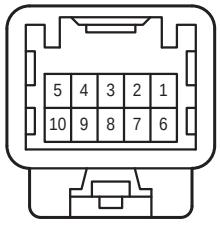

90980-12367

GL5
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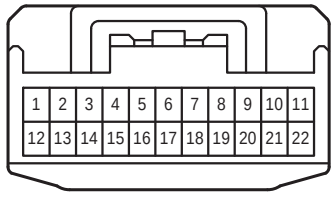

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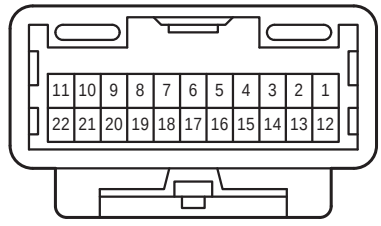

90980-12371

PL1
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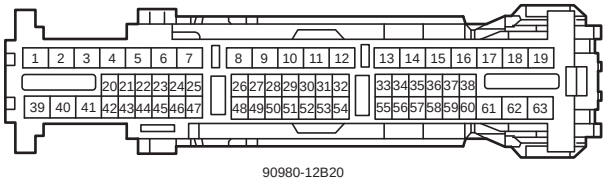

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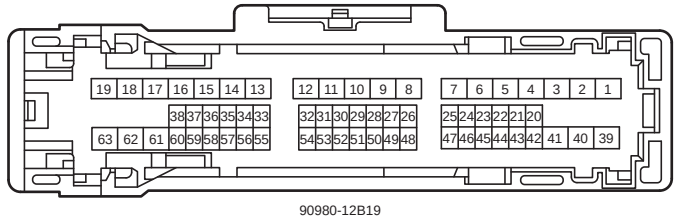

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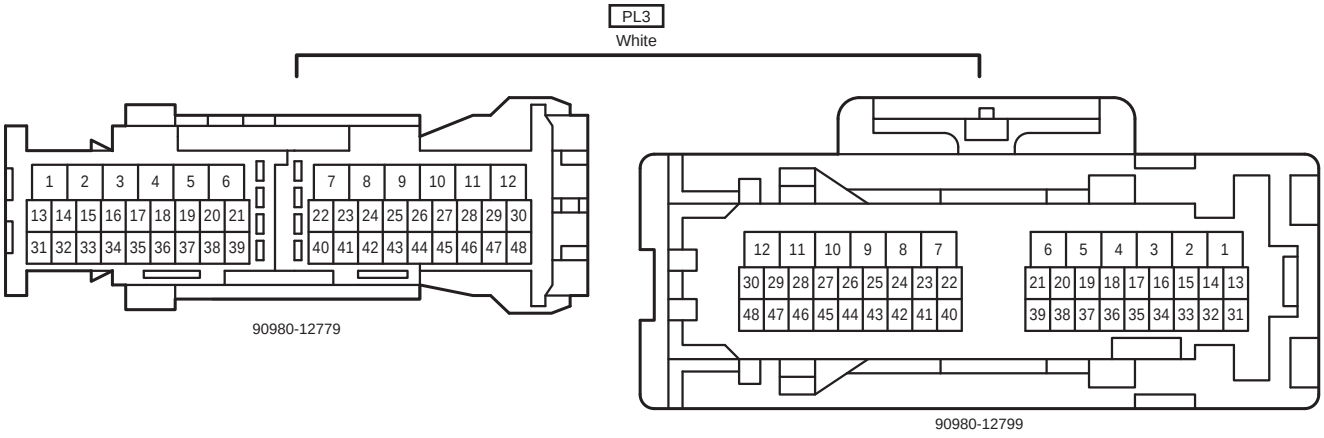
PL3
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