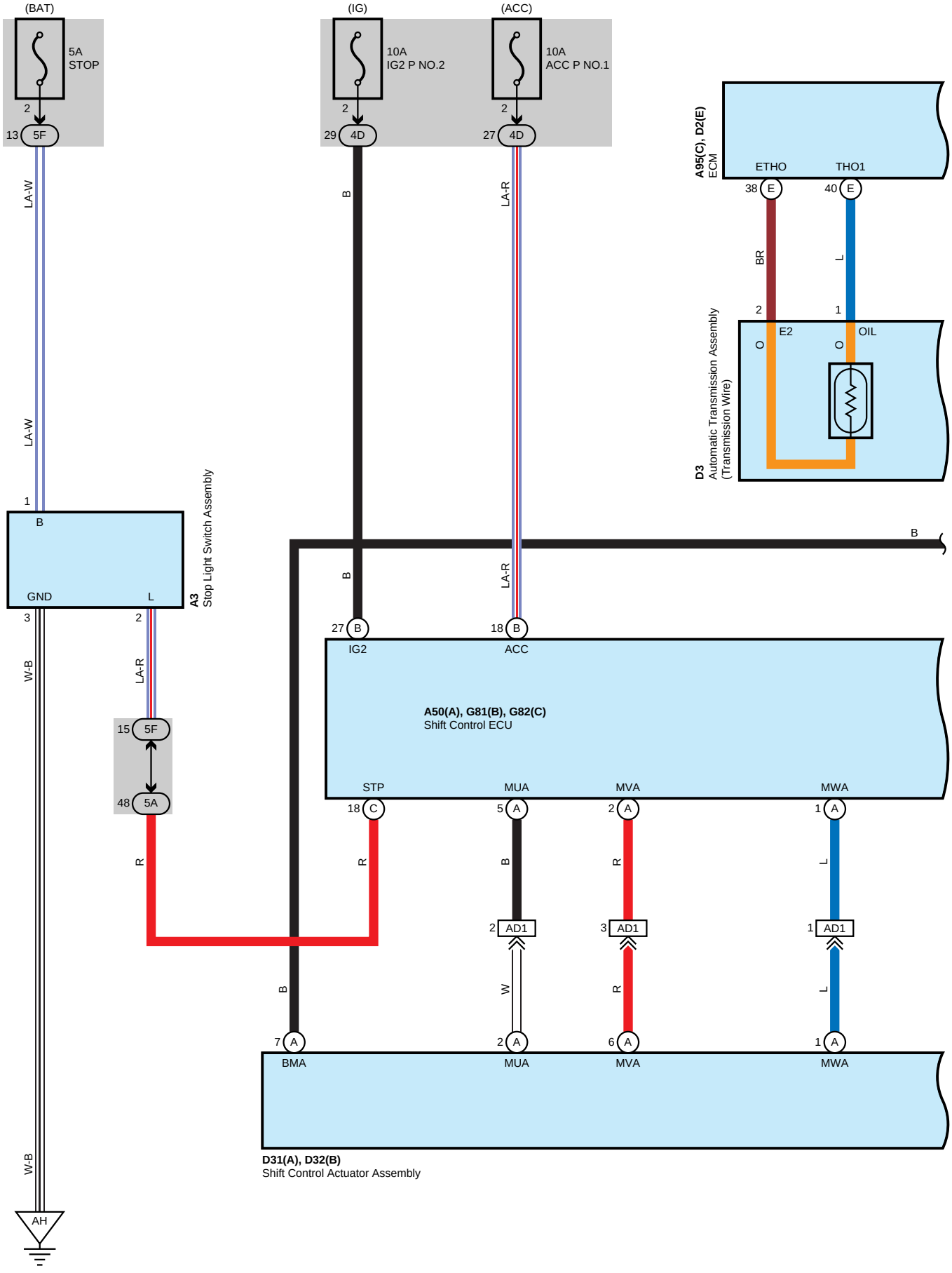
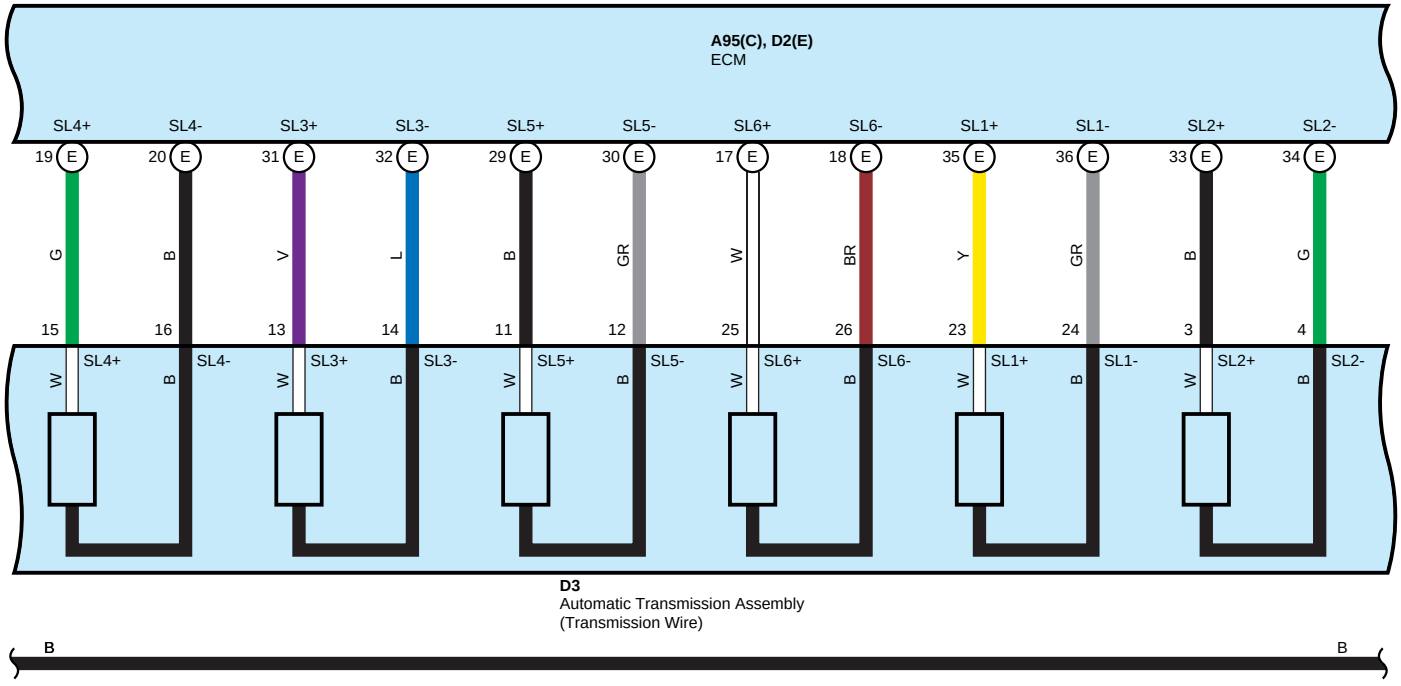
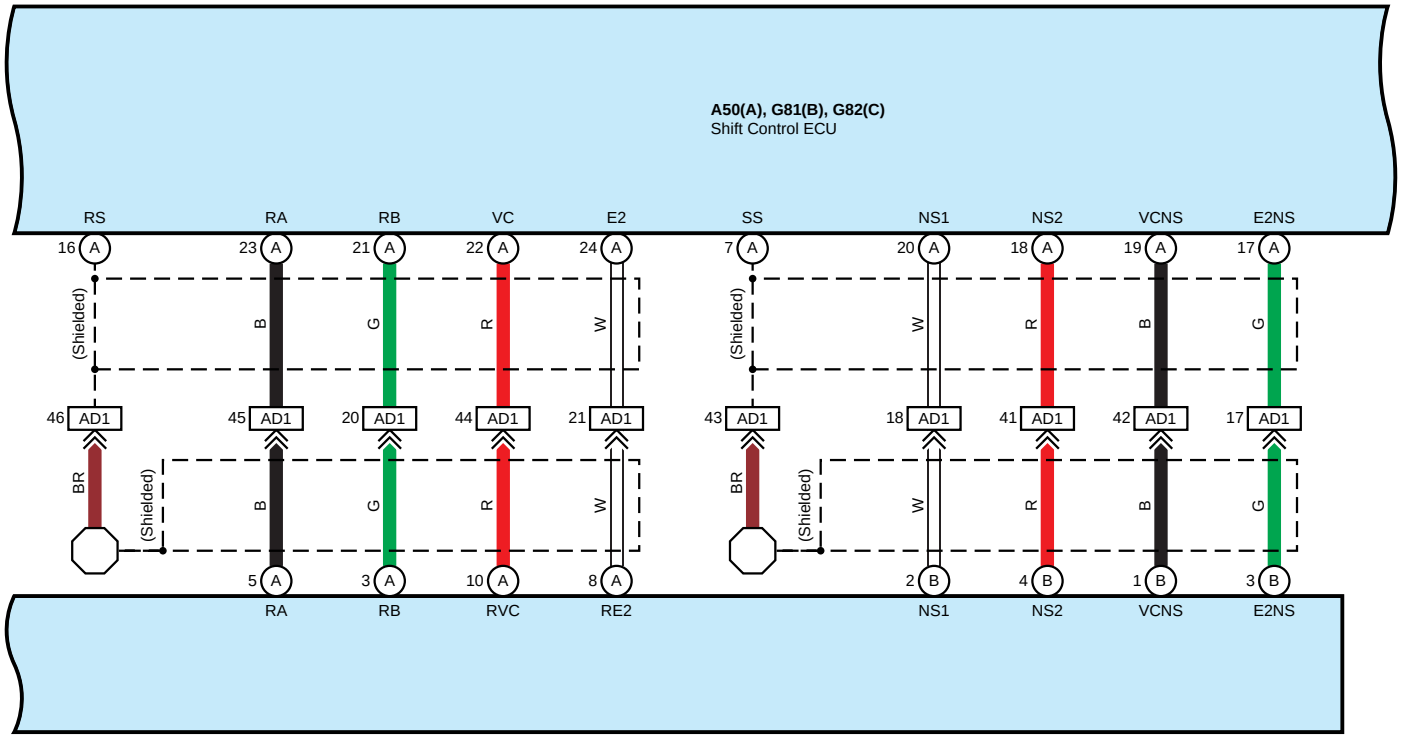
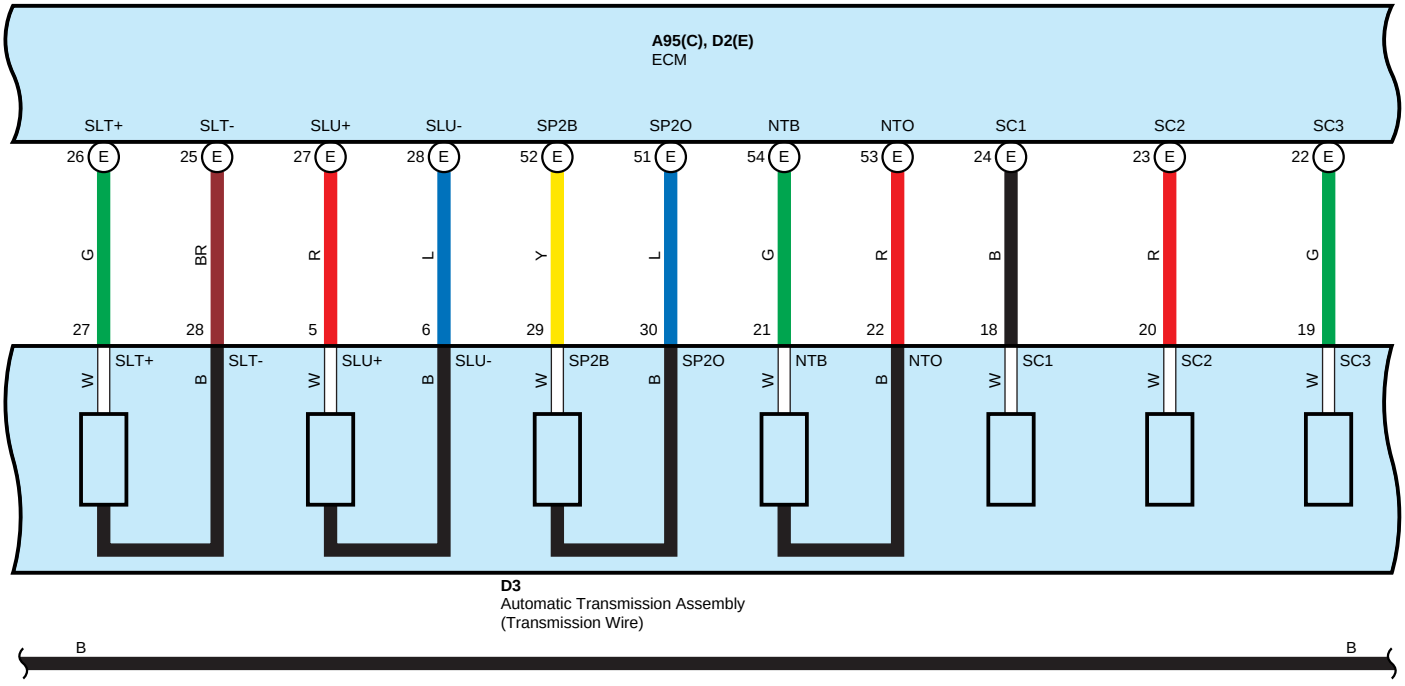
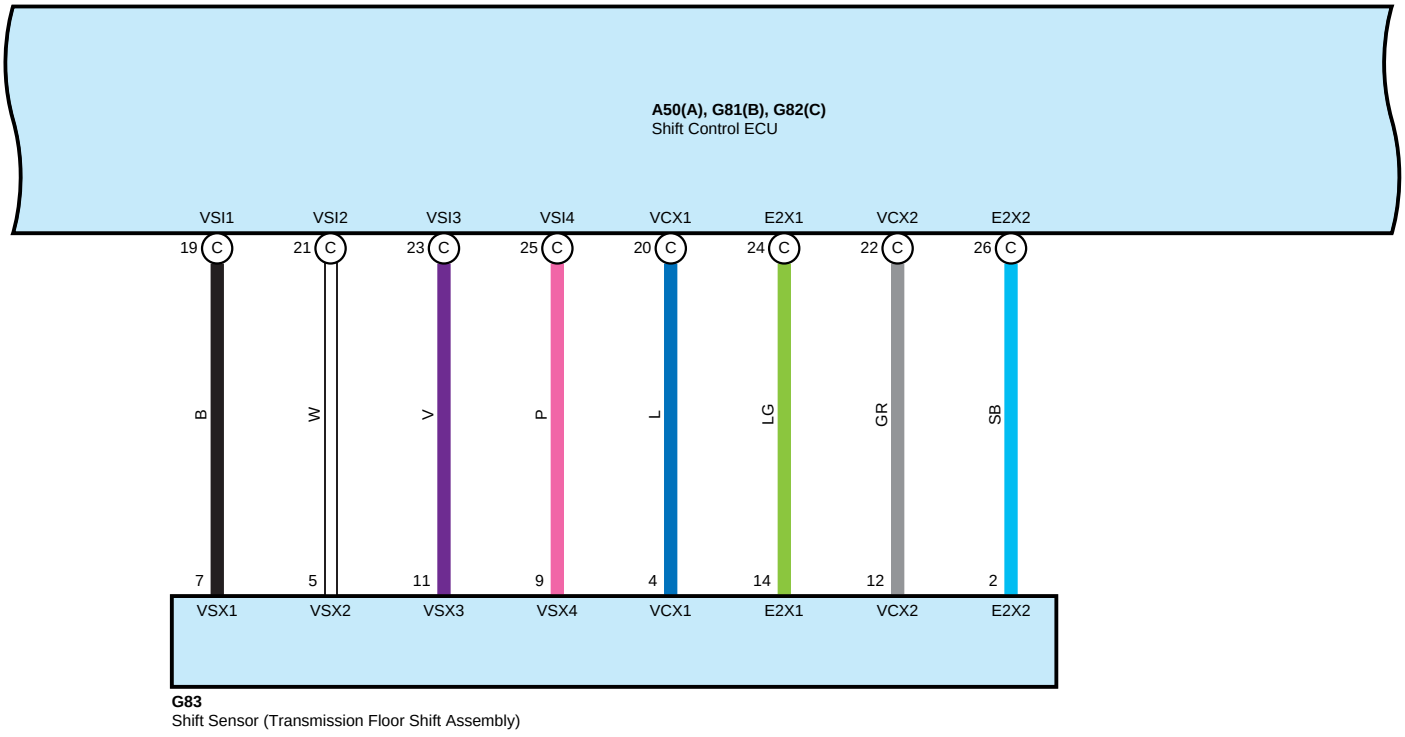
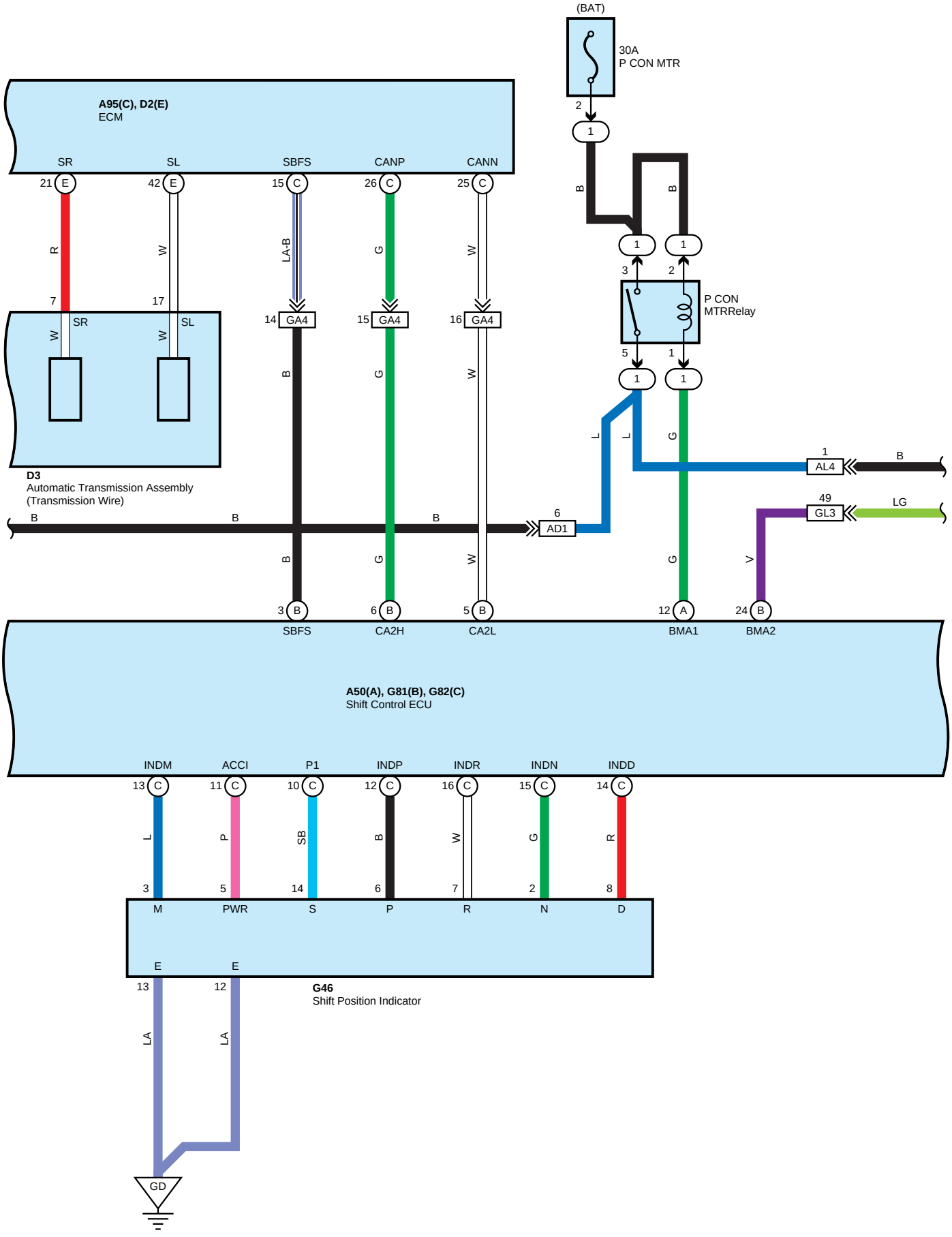

(BAT)
5A
STOP
2
13 5F
LA-W
LA-W
1
B
GND
L
3
2
A3
Stop Light Switch Assembly
W-B
LA-R
15 5F
48 5A
R
W-B
AH
(IG)
10A
IG2 P NO.2
2
29 4D
B
B
27 B
IG2
(ACC)
10A
ACC P NO.1
2
27 4D
LA-R
LA-R
18 B
ACC
B
A95(C), D2(E)
ECM
ETHO
THO1
38 E
40 E
BR
L
2
1
E2
OIL
O
O
D3
Automatic Transmission Assembly
(Transmission Wire)
A50(A), G81(B), G82(C)
Shift Control ECU
STP
MUA
MVA
MWA
18 C
5 A
2 A
1 A
R
R
B
R
L
2 AD1
3 AD1
1 AD1
W
R
L
B
7 A
BMA
2 A
MUA
6 A
MVA
1 A
MWA
D31(A), D32(B)
Shift Control Actuator Assembly

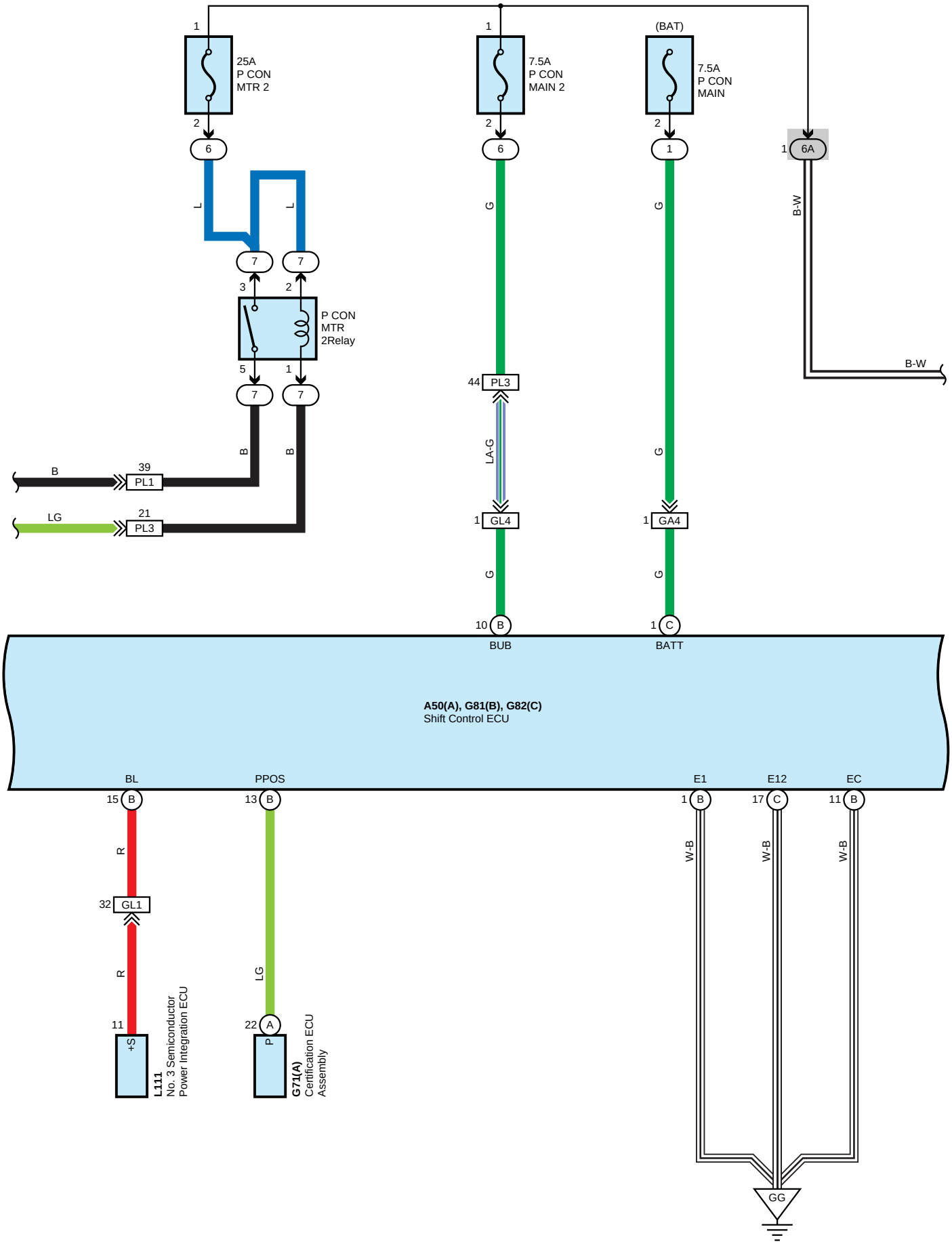

A95(C), D2(E)
ECM
SL4+ SL4- SL3+ SL3- SL5+ SL5- SL6+ SL6- SL1+ SL1- SL2+ SL2-
19 20 31 32 29 30 17 18 35 36 33 34
G B V L B GR W BR Y GR B G
15 16 13 14 11 12 25 26 23 24 3 4
W B W B W B W B W B W B
D3
Automatic Transmission Assembly
(Transmission Wire)
B
B

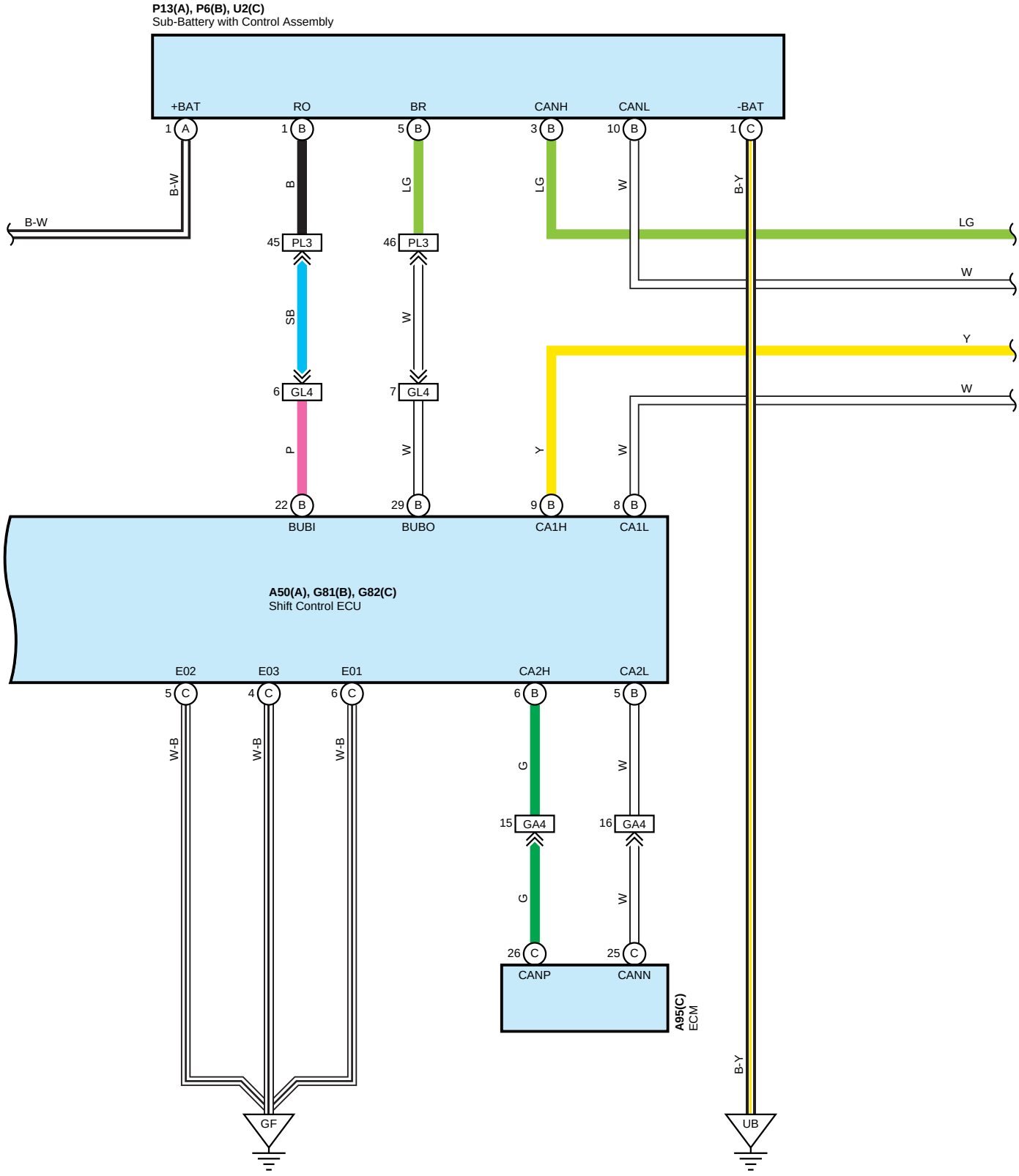

A50(A), G81(B), G82(C)
Shift Control ECU
RS RA RB VC E2 SS NS1 NS2 VCNS E2NS
16 23 21 22 24 7 20 18 19 17
(Shielded)
B G R W W R B G
46 45 20 44 21 43 18 41 42 17
AD1
BR
5 3 10 8 2 4 1 3
RA RB RVC RE2 NS1 NS2 VCNS E2NS
D31(A), D32(B)
Shift Control Actuator Assembly

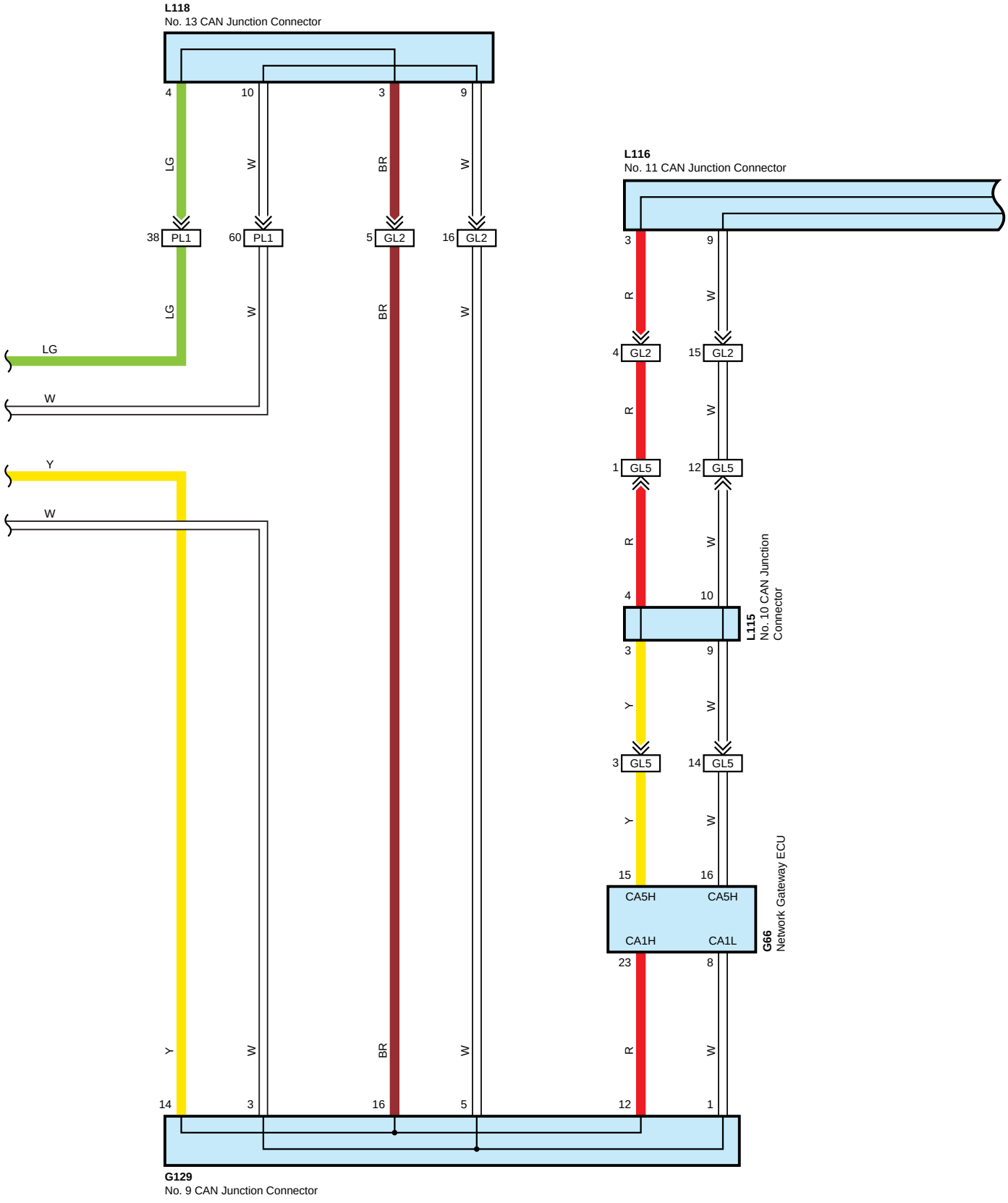

A95(C), D2(E)
ECM
SLT+
SLT-
SLU+
SLU-
SP2B
SP2O
NTB
NTO
SC1
SC2
SC3
26 E
25 E
27 E
28 E
52 E
51 E
54 E
53 E
24 E
23 E
22 E
G
BR
R
L
Y
L
G
R
B
R
G
27
28
5
6
29
30
21
22
18
20
19
W
B
W
B
W
B
W
B
W
W
W
SLT+
SLT-
SLU+
SLU-
SP2B
SP2O
NTB
NTO
SC1
SC2
SC3
D3
Automatic Transmission Assembly
(Transmission Wire)
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)

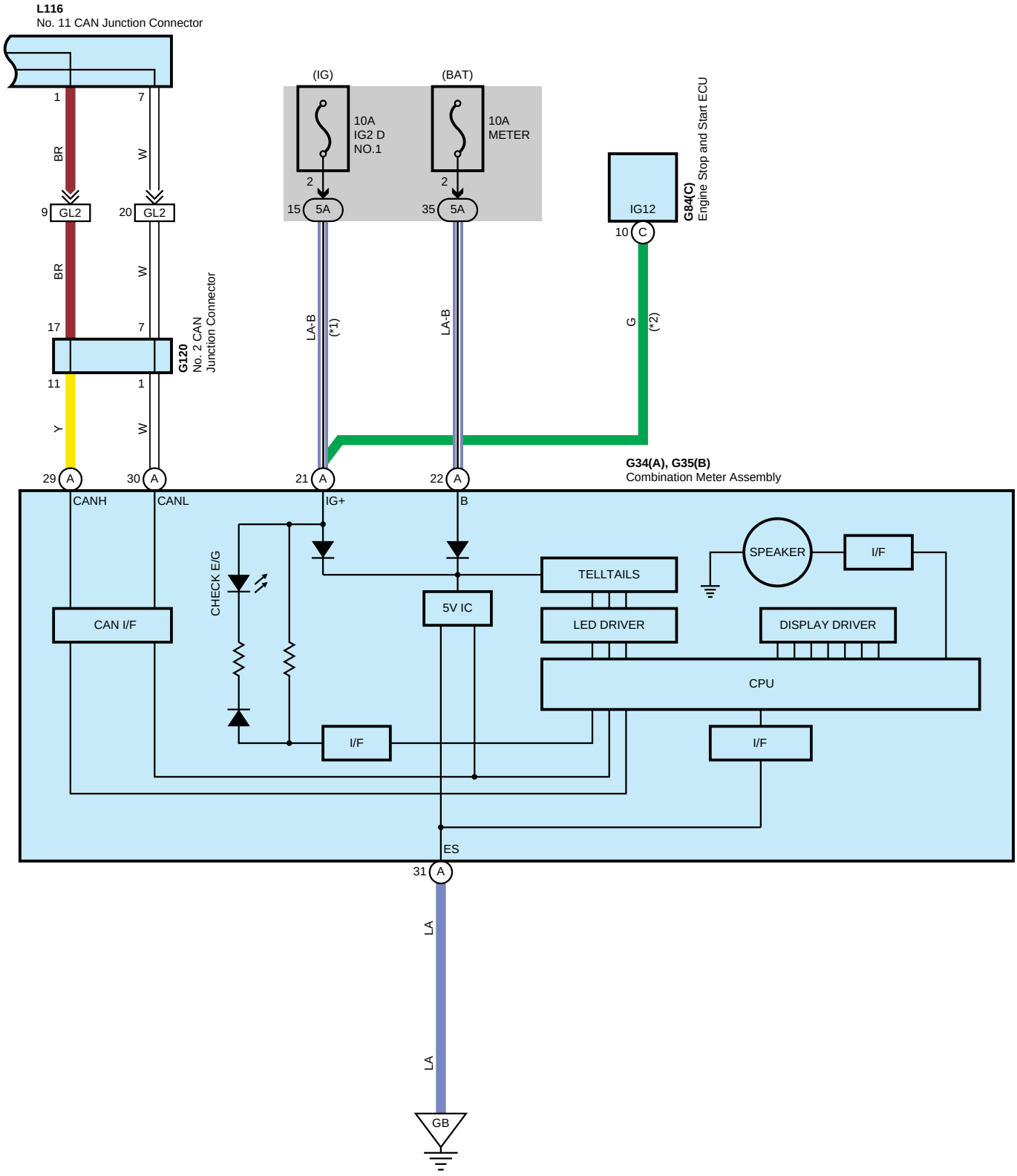

(BAT)
30A
P CON MTR
A95(C), D2(E)
ECM
SR
SL
SBFS
CANP
CANN
21 E
42 E
15 C
26 C
25 C
R
W
LA-B
G
W
7
17
14 GA4
15 GA4
16 GA4
SR
SL
W
W
B
G
W
D3
Automatic Transmission Assembly
(Transmission Wire)
B
B
B
6
AD1
B
G
W
3 B
6 B
5 B
SBFS
CA2H
CA2L
B
B
1
1
3
2
P CON
MTRRelay
5
1
1
1
L
L
G
1
AL4
B
49
GL3
LG
G
V
12 A
24 B
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
6A
P CON
MTR
2Relay
PL3
PL1
GL4
GA4
BUB
BATT
A50(A), G81(B), G82(C)
Shift Control ECU
BL
PPOS
E1
E12
EC
GL1
L111
No. 3 Semiconductor
Power Integration ECU
G71(A)
Certification ECU
Assembly
GG

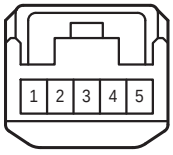

P13(A), P6(B), U2(C)
Sub-Battery with Control Assembly
+BAT
RO
BR
CANH
CANL
-BAT
1 A
1 B
5 B
3 B
10 B
1 C
B-W
B
LG
LG
W
B-Y
B-W
LG
45 PL3
46 PL3
W
SB
W
Y
6 GL4
7 GL4
W
P
W
Y
W
22 B
29 B
9 B
8 B
BUBI
BUBO
CA1H
CA1L
A50(A), G81(B), G82(C)
Shift Control ECU
E02
E03
E01
CA2H
CA2L
5 C
4 C
6 C
6 B
5 B
W-B
W-B
W-B
G
W
15 GA4
16 GA4
G
W
26 C
25 C
CANP
CANN
A95(C)
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
BR
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

*1 : Korea
*2 : Except Korea

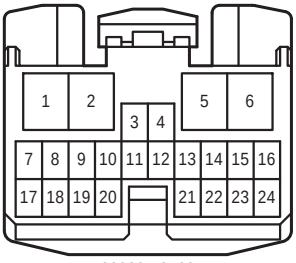


A3
Black



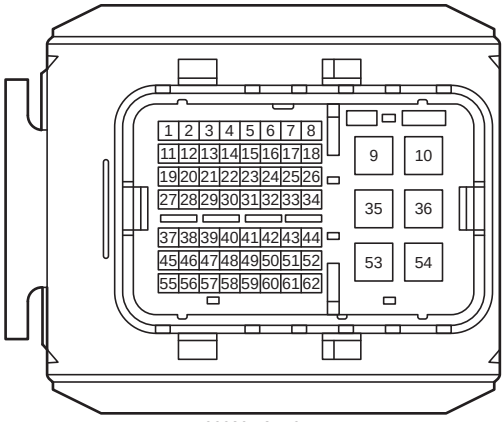
90980-12366

A50
White



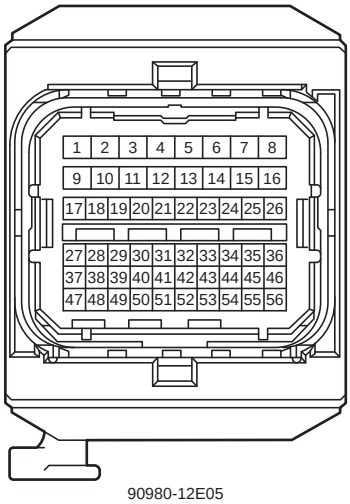
90980-12560

A95
Black



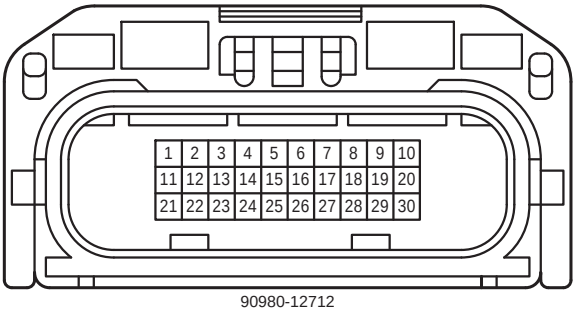
90980-12D10

D2
Black



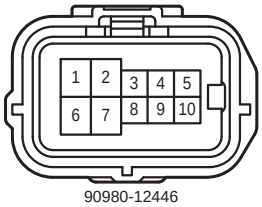
90980-12E05

D3
Gray



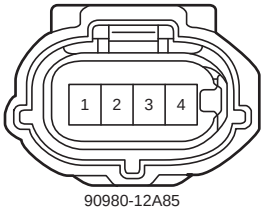
90980-12712

D31
Black



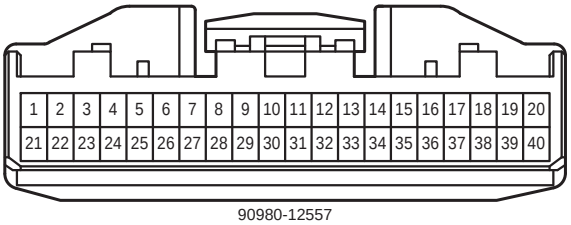
90980-12446

D32
Black



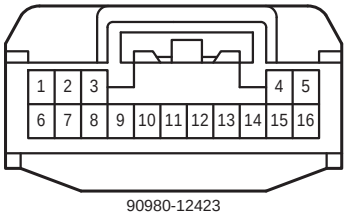
90980-12A85

G34
Black



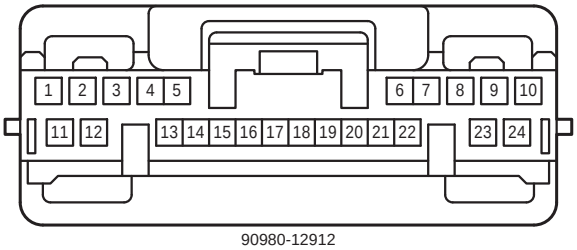
90980-12557

G46
White



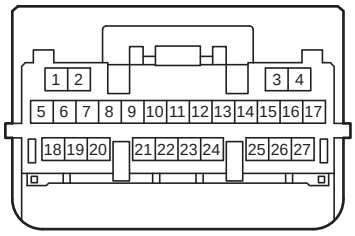
90980-12423

G66
Black



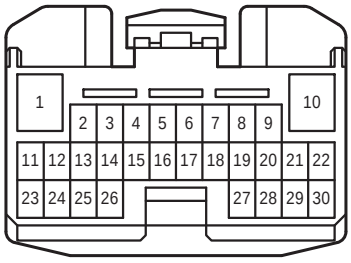
90980-12912

G71
White



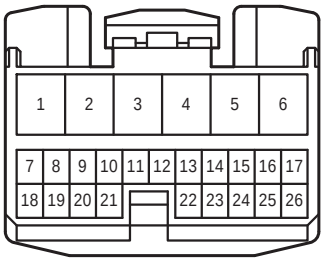
90980-12B78

G81
White



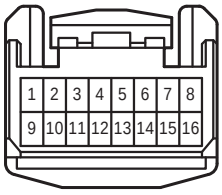
90980-12562

G82
White



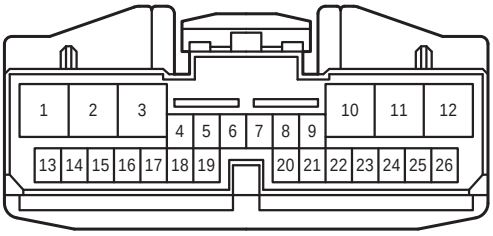
90980-12561

G83
White



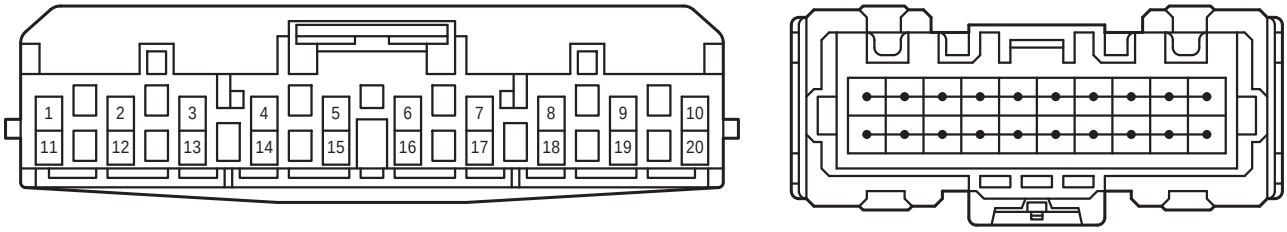
90980-12553

G84
Black



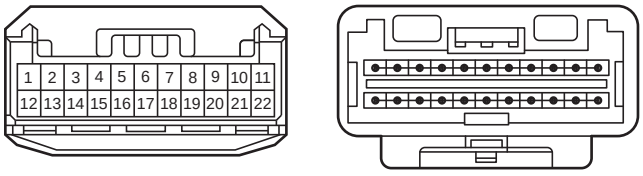
82824-12510

G120
White



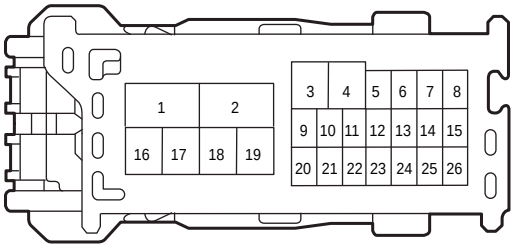
90980-12A58

G129
White



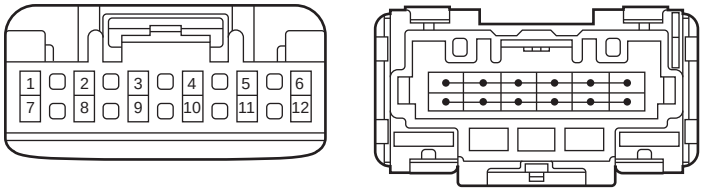
90980-12B54

L111
Black



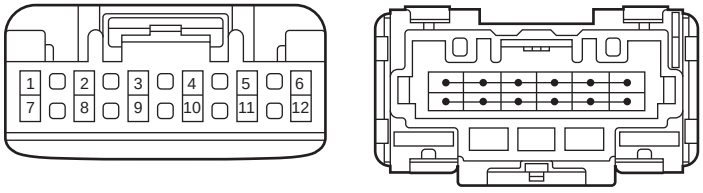
90980-12C41

L115
White



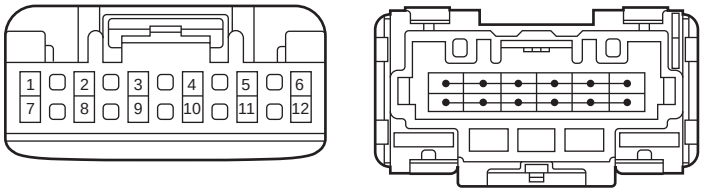
90980-12C68

L116
White



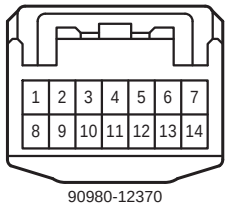
90980-12C68

L118
White



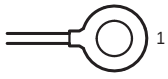
90980-12C68

P6
White



90980-12370

P13

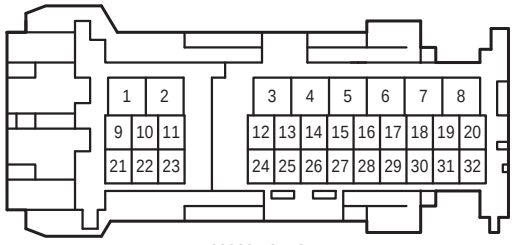


82675-28470

U2

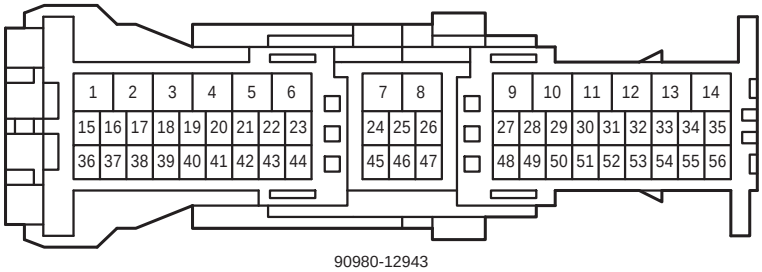
82675-28470

4D
White



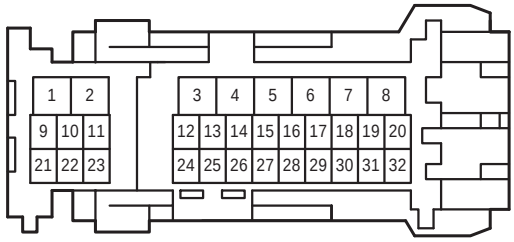
90980-12A48

5A
White



90980-12943

5F
White



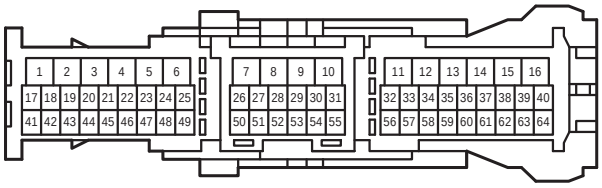
90980-12A47

6A

82675-33060

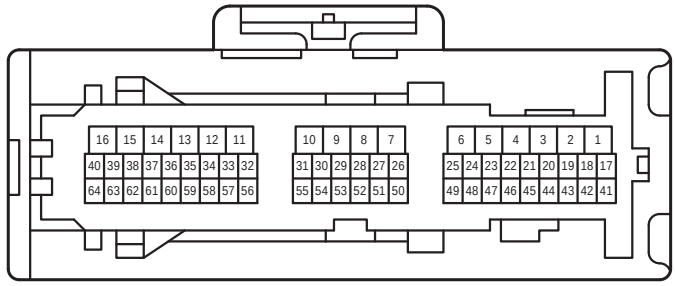
AD1

White



90980-12774

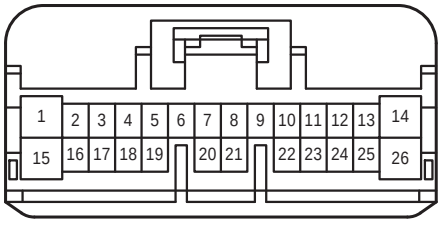
Black



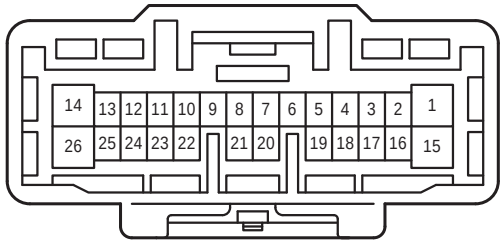
90980-12798

AL4

White



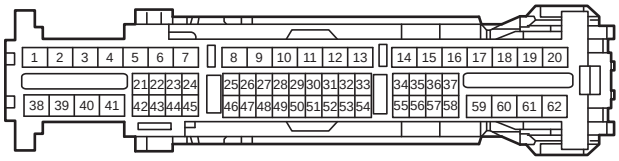
90980-12771



90980-12770

GA1

White



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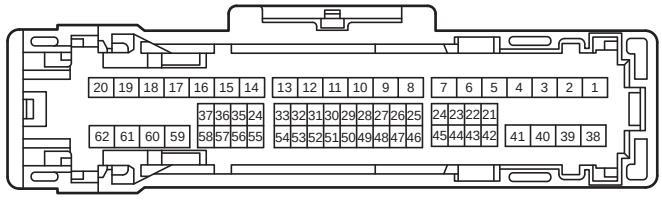

90980-12B21

GA4

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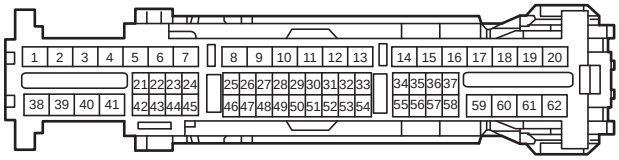

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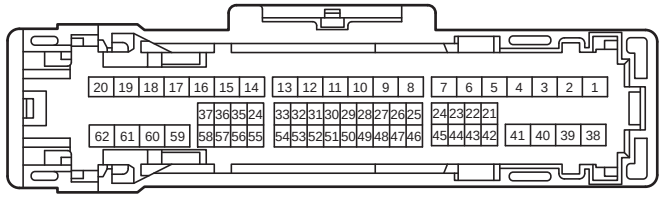
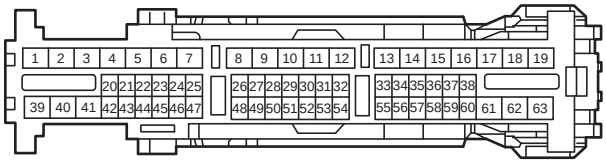


90980-12B21

GL1
Gray



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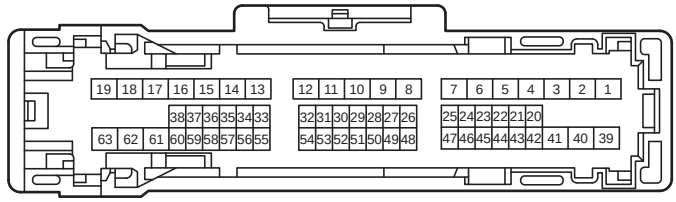

90980-12B19

GL2
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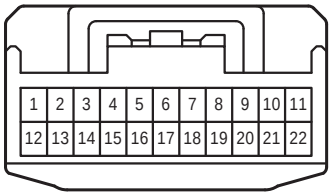

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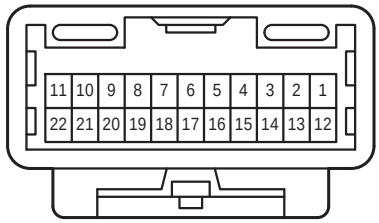

90980-12371

GL3
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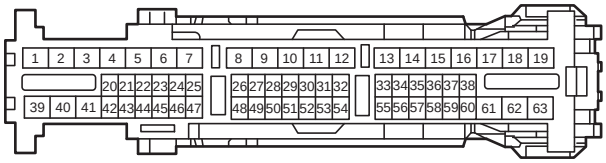

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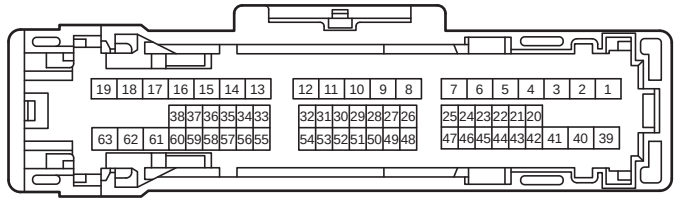
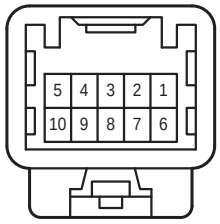


90980-12B19

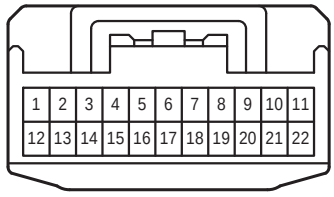
GL4
White

90980-12368



90980-12367

GL5
White



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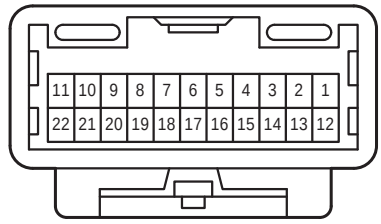

90980-12371

PL1
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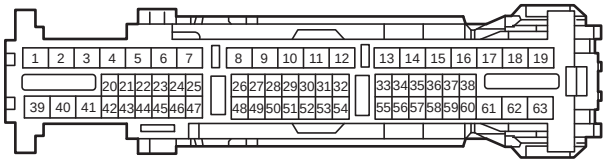

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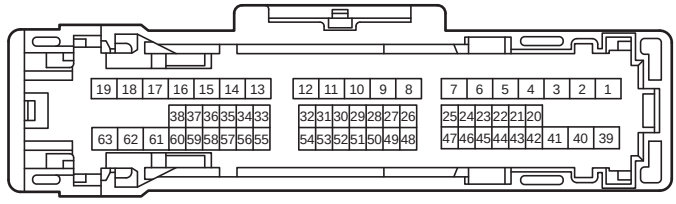

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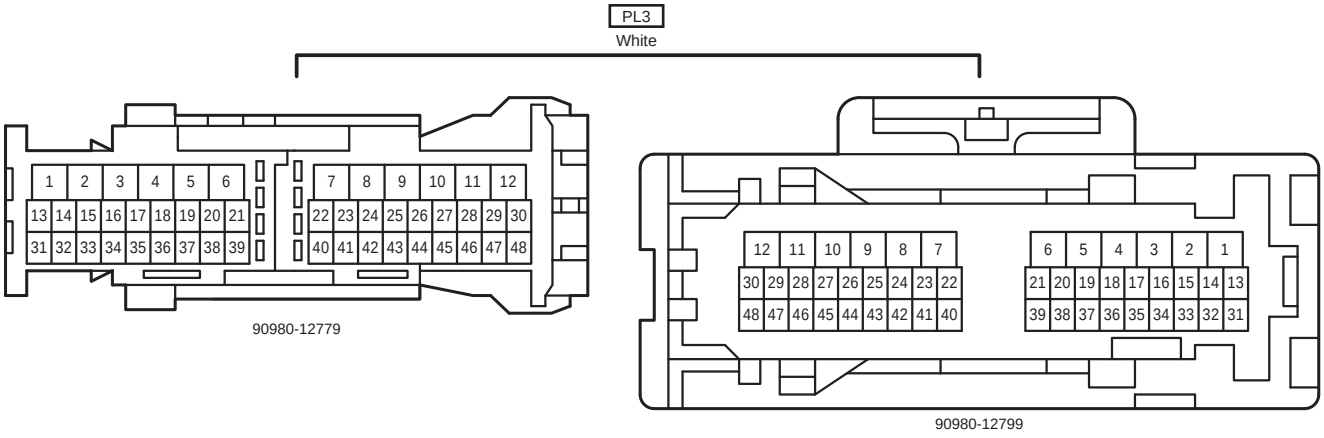
PL3
White
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