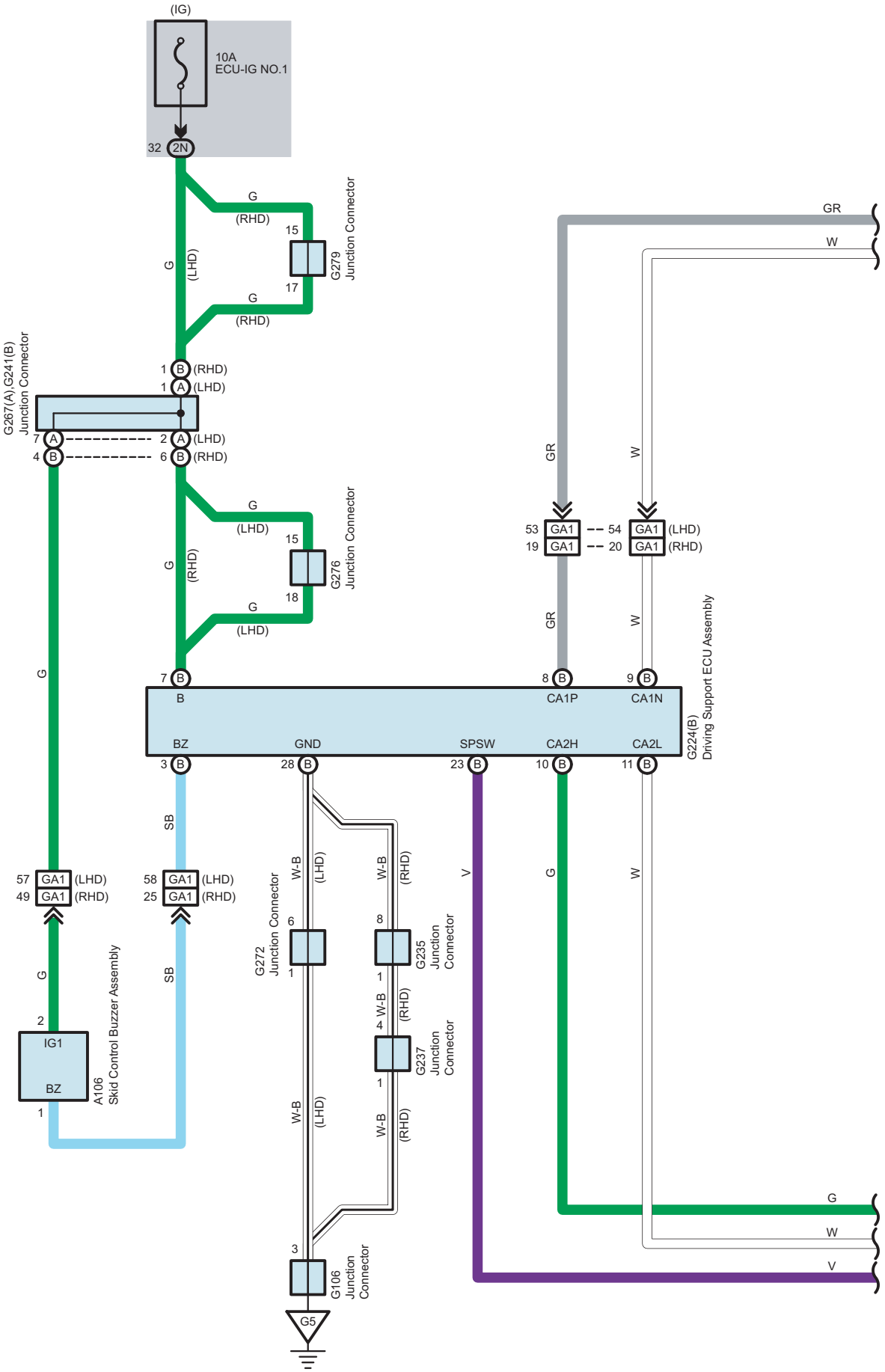
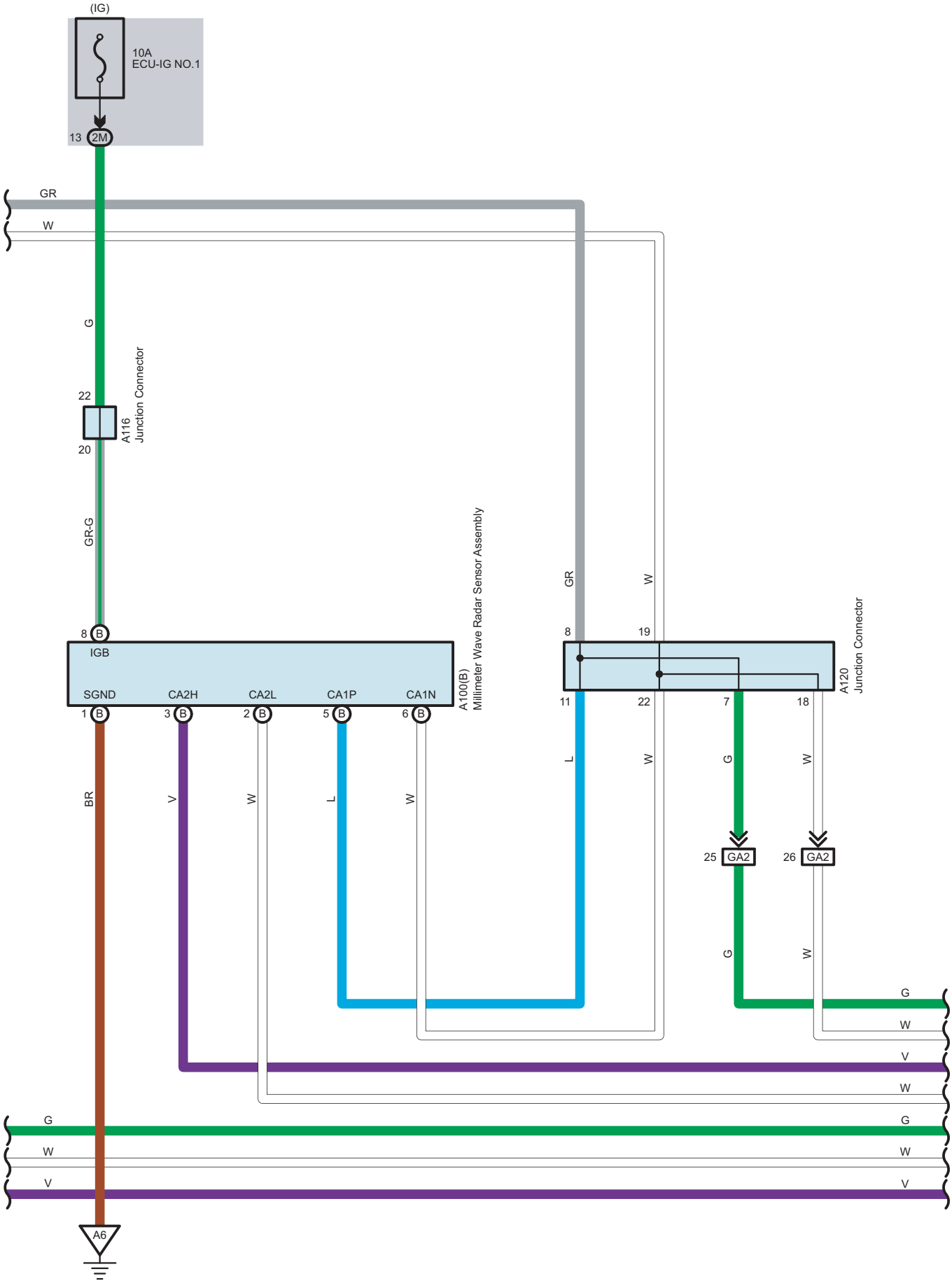
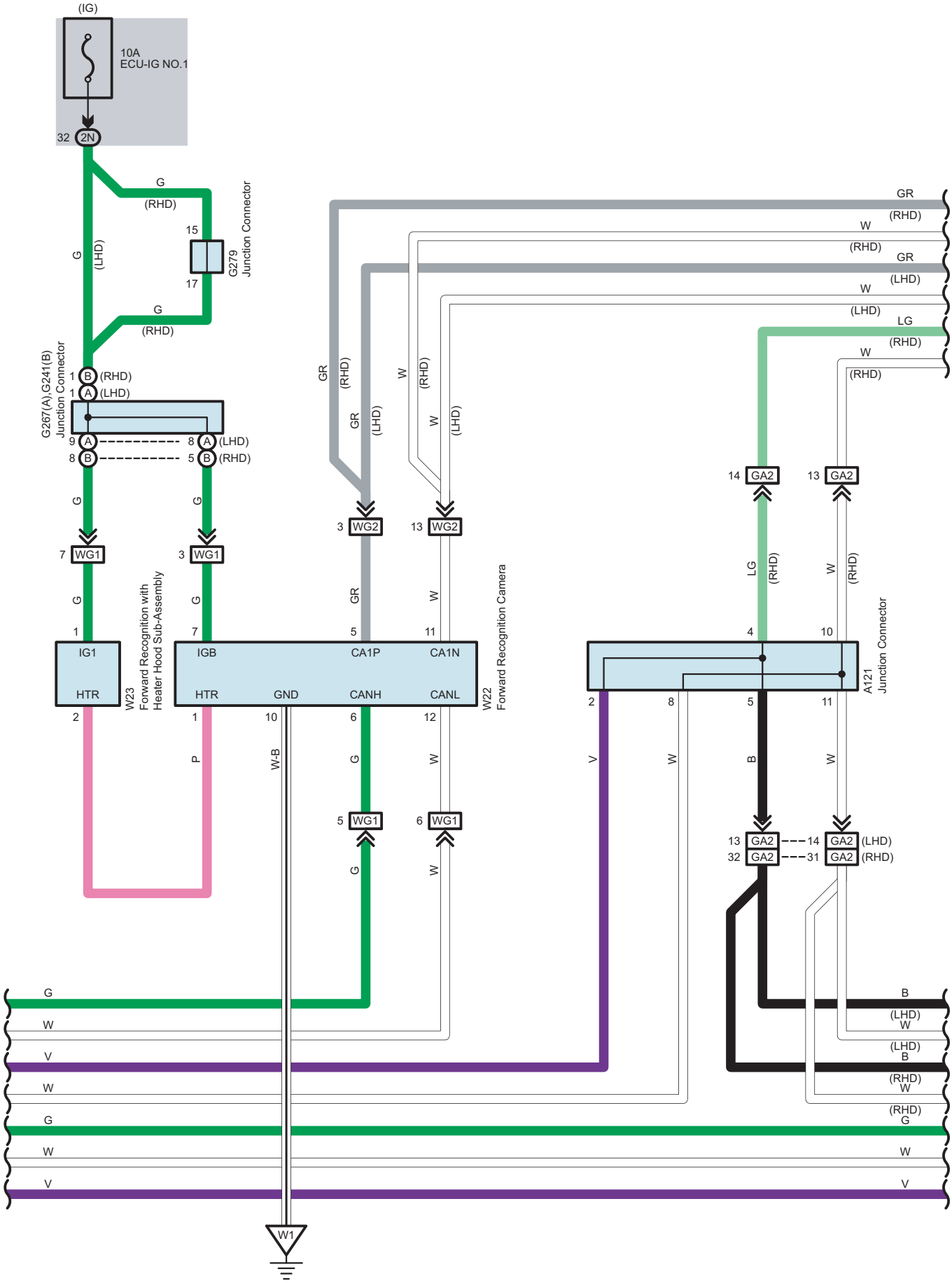
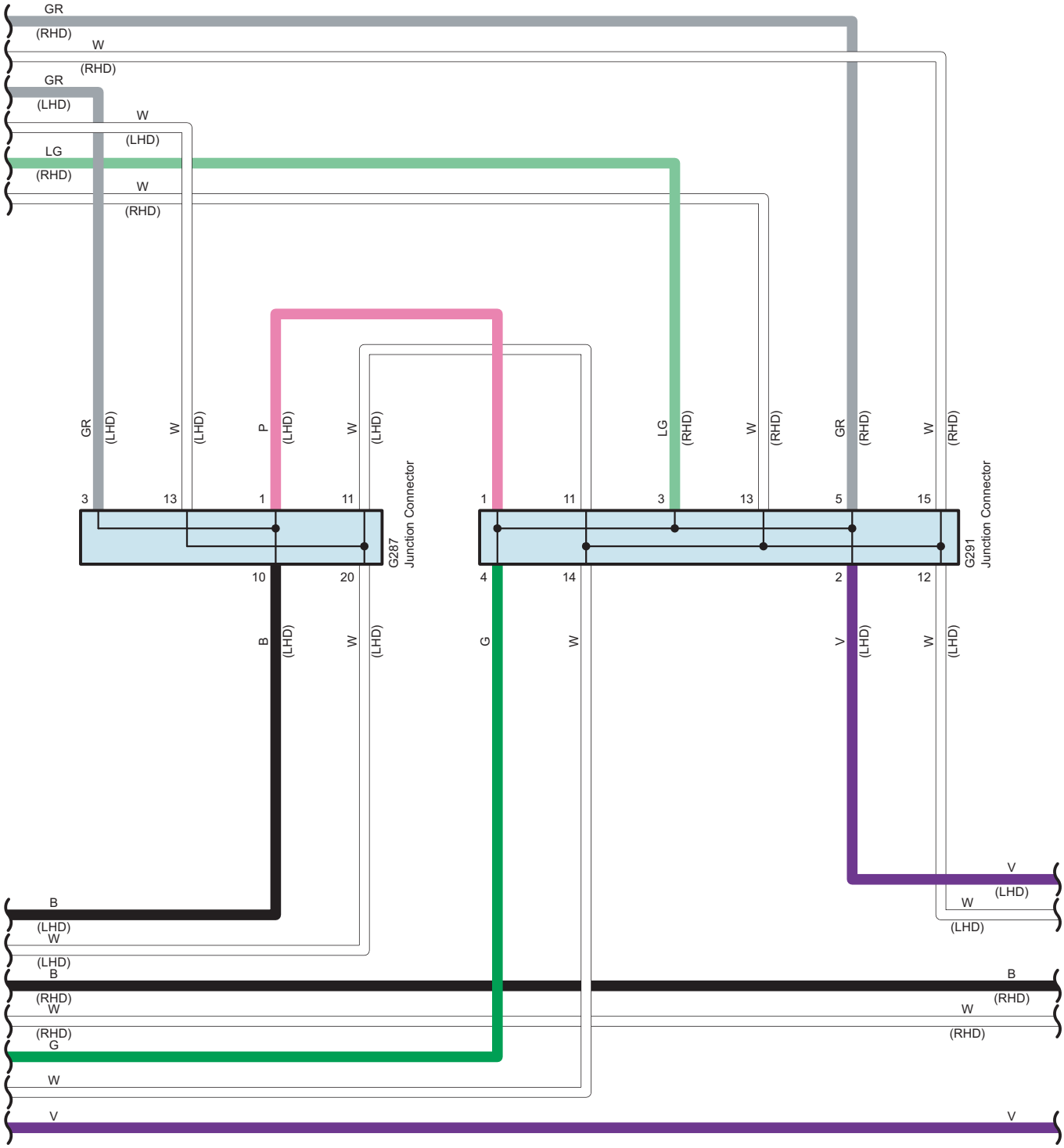
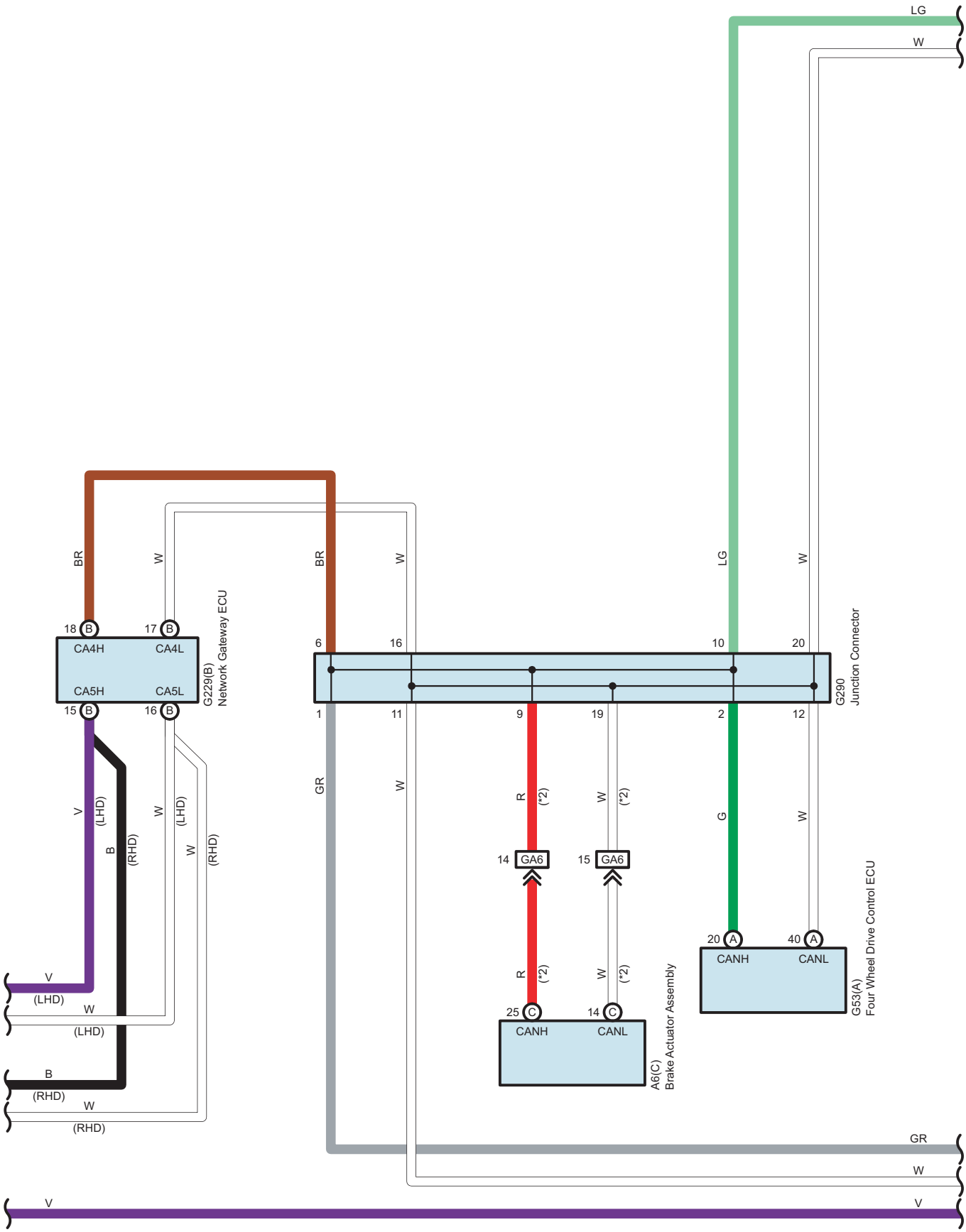
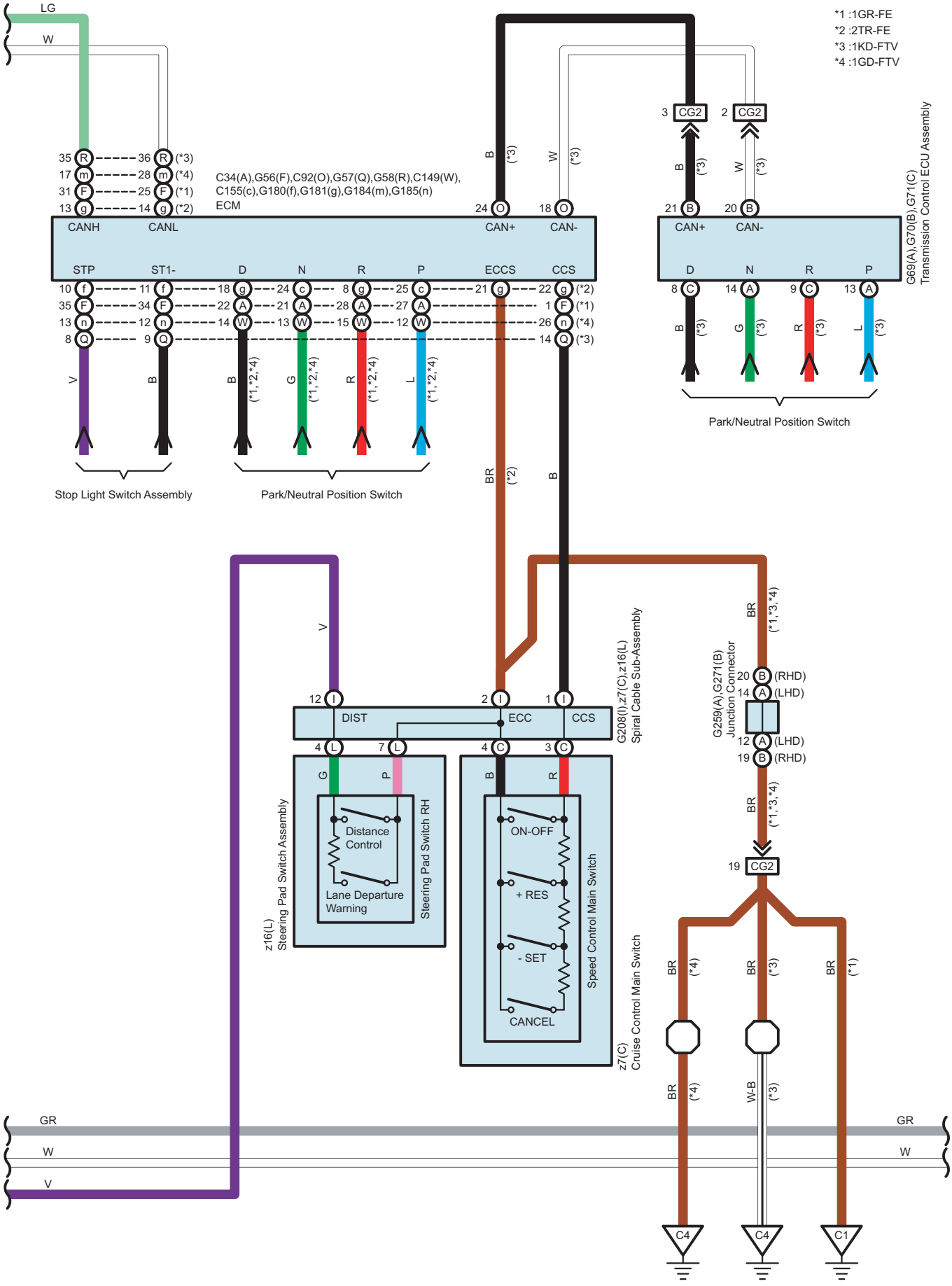

(IG)
10A
ECU-IG NO.1
32 2N
G
(RHD)
G
(LHD)
15
17
G279
Junction Connector
G267(A),G241(B)
Junction Connector
1 B (RHD)
1 A (LHD)
7 A
4 B
2 A (LHD)
6 B (RHD)
G276
Junction Connector
18
GR
W
53 GA1
19 GA1
54 GA1 (LHD)
20 GA1 (RHD)
7 B
B
8 B
CA1P
9 B
CA1N
G224(B)
Driving Support ECU Assembly
BZ
GND
SPSW
CA2H
CA2L
3 B
28 B
23 B
10 B
11 B
SB
V
57 GA1 (LHD)
49 GA1 (RHD)
58 GA1 (LHD)
25 GA1 (RHD)
W-B
G272
Junction Connector
G235
Junction Connector
G237
Junction Connector
2
IG1
BZ
1
A106
Skid Control Buzzer Assembly
3
G106
Junction Connector
G5

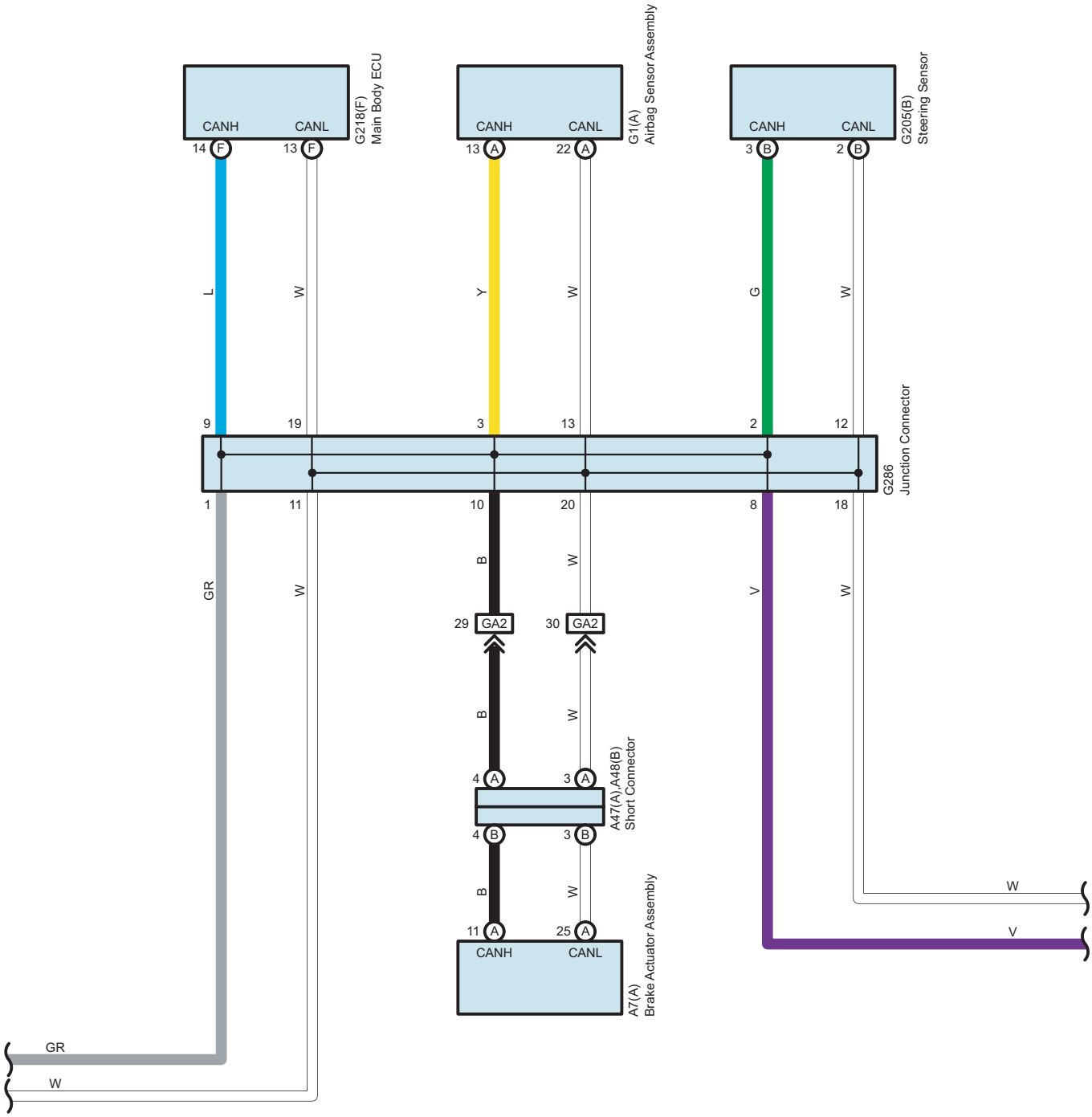

(IG)
10A
ECU-IG NO.1
13 2M
GR
W
G
22
A116
Junction Connector
20
GR-G
8 B
IGB
SGND
CA2H
CA2L
CA1P
CA1N
1 B
3 B
2 B
5 B
6 B
A100(B)
Millimeter Wave Radar Sensor Assembly
BR
V
W
L
W
GR
W
8
19
11
22
7
18
A120
Junction Connector
L
W
G
W
25 GA2
26 GA2
G
W
G
W
G
W
V
W
G
W
V
A6

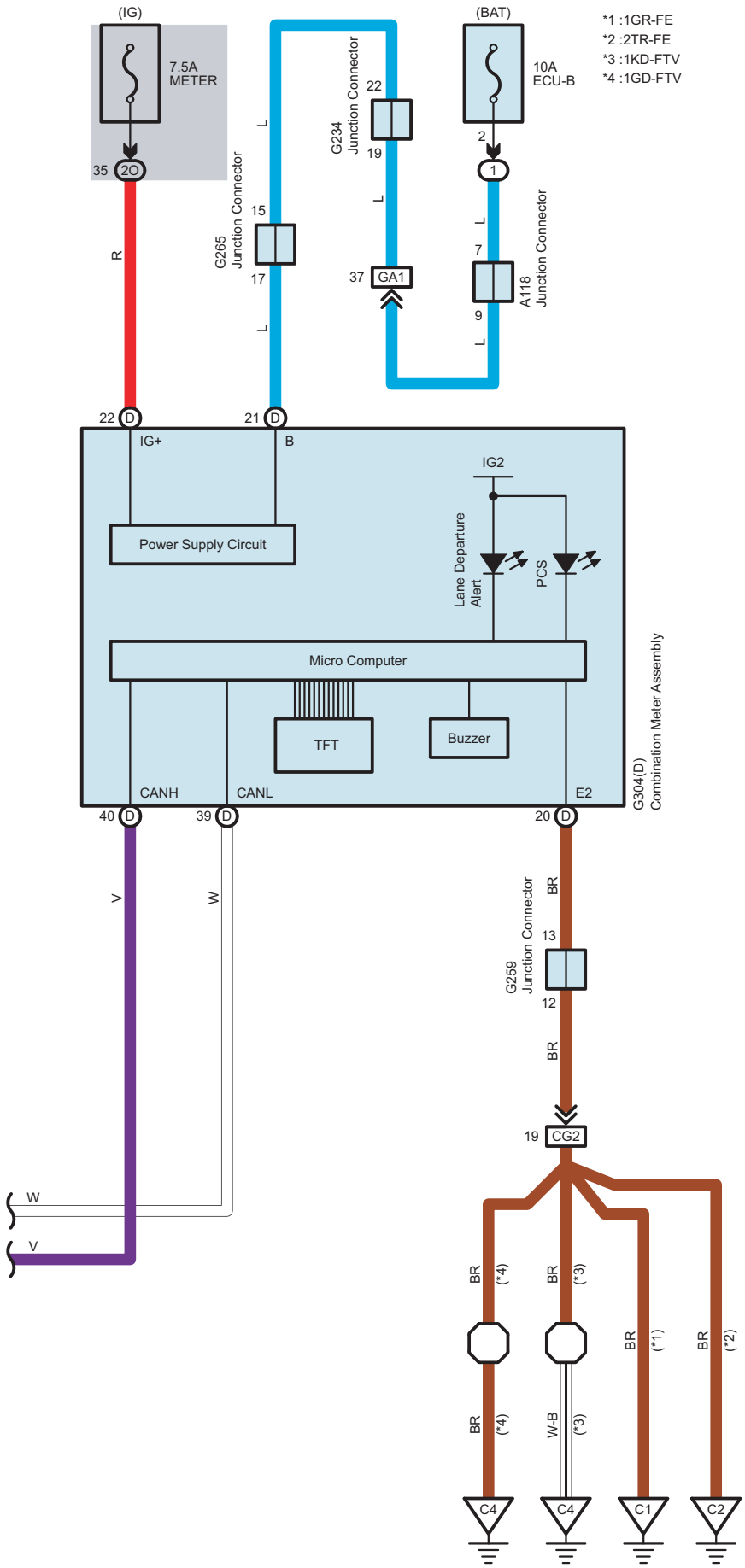

(IG)
10A
ECU-IG NO.1
32 2N
G
(RHD)
G
(LHD)
15
17
G279
Junction Connector
G
(RHD)
G267(A),G241(B)
Junction Connector
1 B (RHD)
1 A (LHD)
9 A
8 B
8 A (LHD)
5 B (RHD)
G
G
7 WG1
3 WG1
G
G
1
7
IG1
HTR
IGB
HTR
GND
CANH
CANL
2
1
10
6
12
W23
Forward Recognition with
Heater Hood Sub-Assembly
P
W-B
G
W
5 WG1
6 WG1
G
W
W22
Forward Recognition Camera
GR
(RHD)
GR
(LHD)
W
(RHD)
W
(LHD)
3 WG2
13 WG2
GR
W
5
11
GR
(RHD)
W
(RHD)
GR
(LHD)
W
(LHD)
LG
(RHD)
W
(RHD)
14 GA2
13 GA2
LG
(RHD)
W
(RHD)
4
10
A121
Junction Connector
2
8
5
11
V
W
B
W
13 GA2
32 GA2
14 GA2 (LHD)
31 GA2 (RHD)
B
(LHD)
W
(LHD)
B
(RHD)
W
(RHD)
G
G
W
V
W
G
W
V
W1


GR
(RHD)
W
(RHD)
GR
(LHD)
W
(LHD)
LG
(RHD)
W
(RHD)
GR (LHD)
W (LHD)
P (LHD)
W (LHD)
LG (RHD)
W (RHD)
GR (RHD)
W (RHD)
3
13
1
11
1
11
3
13
5
15
G287 Junction Connector
G291 Junction Connector
10
20
4
14
2
12
B (LHD)
W (LHD)
G
W
V (LHD)
W (LHD)
B
(LHD)
W
(LHD)
B
(RHD)
W
(RHD)
G
W
V
V
(LHD)
W
(LHD)
B
(RHD)
W
(RHD)
V

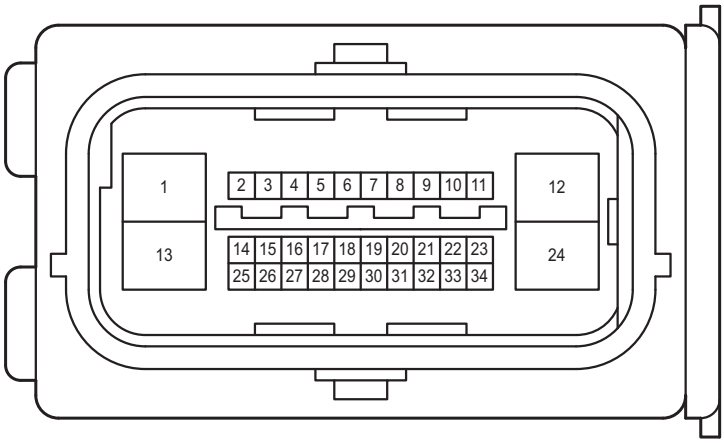

LG
W
BR
W
BR
W
LG
W
18 B
CA4H
17 B
CA4L
CA5H
CA5L
15 B
16 B
G229(B)
Network Gateway ECU
6
16
10
20
1
11
9
19
2
12
G290
Junction Connector
GR
W
R
(*2)
W
(*2)
G
W
14 GA6
15 GA6
V
(LHD)
B
(RHD)
W
(LHD)
W
(RHD)
20 A
CANH
40 A
CANL
G53(A)
Four Wheel Drive Control ECU
V
(LHD)
W
(LHD)
B
(RHD)
W
(RHD)
R
(*2)
W
(*2)
25 C
CANH
14 C
CANL
A6(C)
Brake Actuator Assembly
GR
W
V
V


*1 :1GR-FE
*2 :2TR-FE
*3 :1KD-FTV
*4 :1GD-FTV
LG
W
C34(A),G56(F),C92(O),G57(Q),G58(R),C149(W),
C155(c),G180(f),G181(g),G184(m),G185(n)
ECM
CANH
CANL
CAN+
CAN-
STP
ST1-
D
N
R
P
ECCS
CCS
Stop Light Switch Assembly
Park/Neutral Position Switch
G69(A),G70(B),G71(C)
Transmission Control ECU Assembly
Park/Neutral Position Switch
V
BR
G259(A),G271(B)
Junction Connector
G208(I),z7(C),z16(L)
Spiral Cable Sub-Assembly
DIST
ECC
CCS
z16(L)
Steering Pad Switch Assembly
Steering Pad Switch RH
Distance
Control
Lane Departure
Warning
z7(C)
Cruise Control Main Switch
Speed Control Main Switch
ON-OFF
+ RES
- SET
CANCEL
GR
W
V
C4
C4
C1


CANH
CANL
14 F
13 F
G218(F)
Main Body ECU
13 A
22 A
G1(A)
Airbag Sensor Assembly
3 B
2 B
G205(B)
Steering Sensor
L
W
Y
W
G
W
9
19
3
13
2
12
G286
Junction Connector
1
11
10
20
8
18
GR
W
B
W
V
W
29 GA2
30 GA2
B
W
4 A
3 A
A47(A),A48(B)
Short Connector
4 B
3 B
B
W
11 A
25 A
CANH
CANL
A7(A)
Brake Actuator Assembly
W
V
GR
W

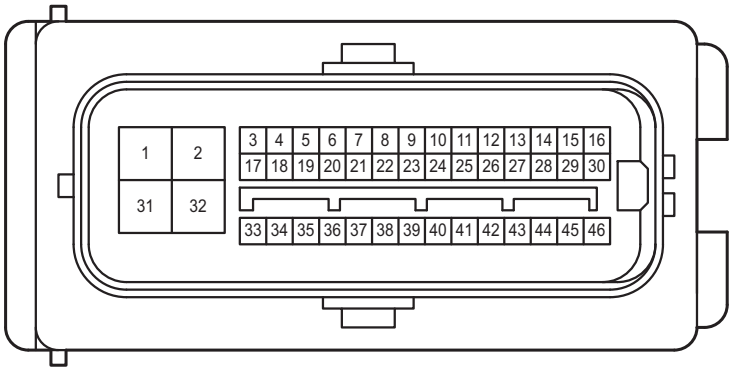

(IG)
7.5A
METER
35
2O
R
G265
Junction Connector
15
17
L
L
G234
Junction Connector
22
19
L
37
GA1
(BAT)
10A
ECU-B
2
1
L
7
9
L
A118
Junction Connector
*1 :1GR-FE
*2 :2TR-FE
*3 :1KD-FTV
*4 :1GD-FTV
22
D
IG+
21
D
B
IG2
Power Supply Circuit
Lane Departure
Alert
PCS
Micro Computer
TFT
Buzzer
CANH
CANL
E2
G304(D)
Combination Meter Assembly
40
D
39
D
20
D
V
W
BR
13
12
BR
G259
Junction Connector
19
CG2
W
V
BR
(*4)
BR
(*3)
BR
(*1)
BR
(*2)
BR
(*4)
W-B
(*3)
C4
C4
C1
C2

A6
Black



90980-12686

A7
Black



90980-12297

A47
Gray



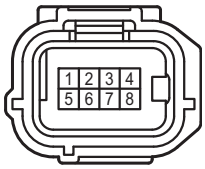
90980-10945

A48
Gray



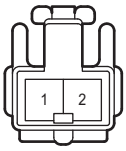
90980-10946

A100
Black



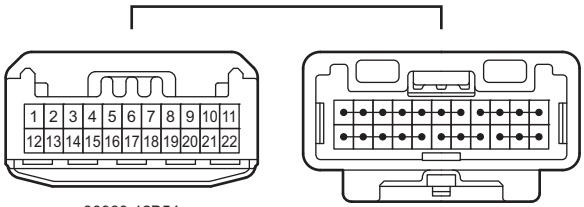
90980-12520

A106
Blue



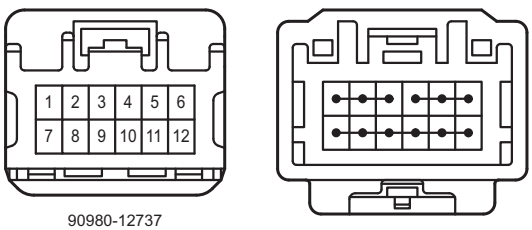
90980-10860

A116
White



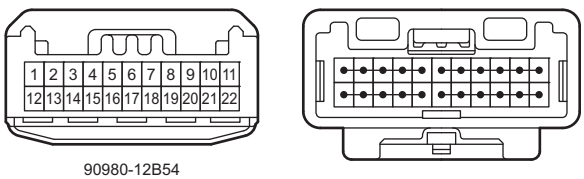
90980-12B54

A118
Gray



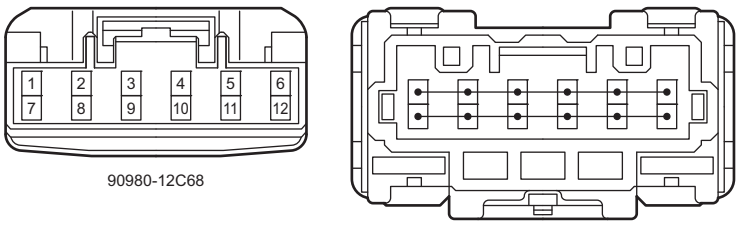
90980-12737

A120
Black



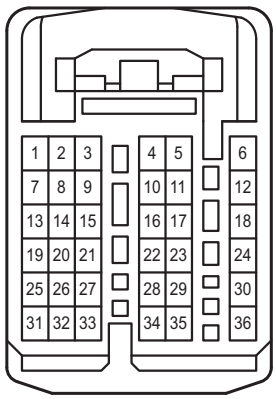
90980-12B54

A121
White



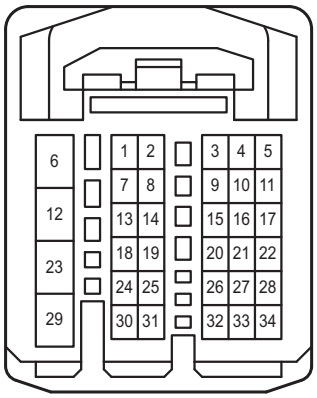
90980-12C68

C34
White



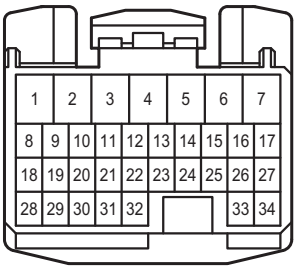
82824-26130

C92
White



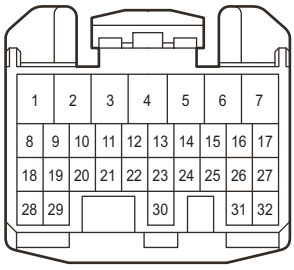
82824-26150

C149
White



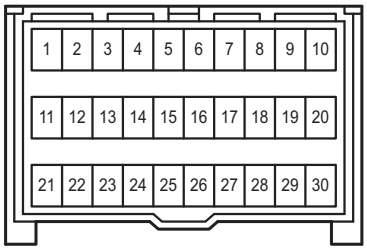
90980-12527

C155
White



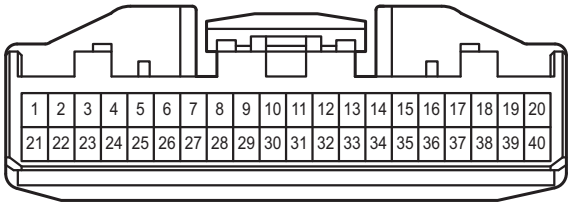
90980-12526

G1
Yellow



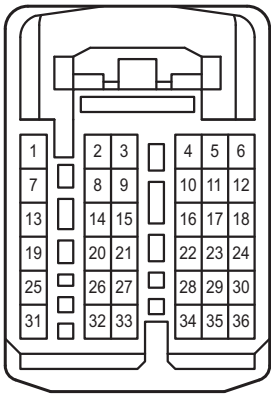
90980-12391

G53
Black



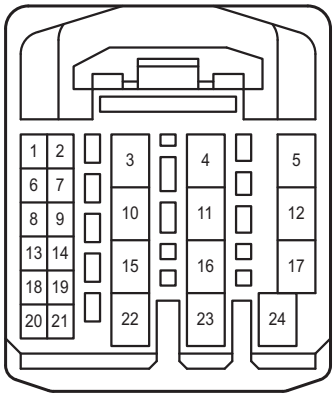
90980-12557

G56
White



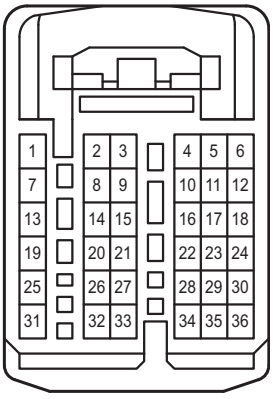
82824-26120

G57
White



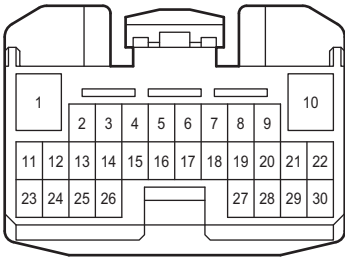
82824-26110

G58
White



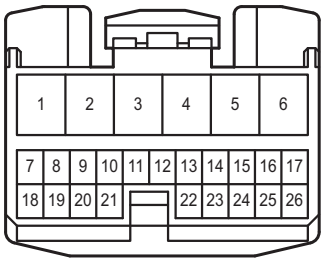
82824-26120

G69
White



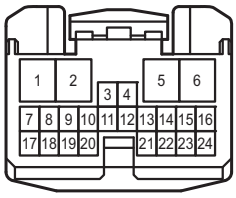
90980-12562

G70
White



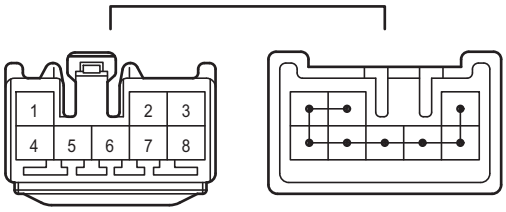
90980-12561

G71
White



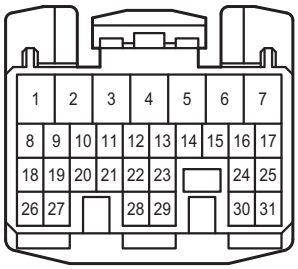
90980-12560

G106
White (Before Aug. 2017 Production) / Gray (From Aug. 2017 Production)



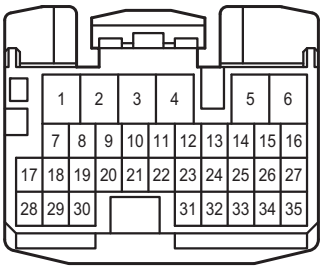
90980-11686

G180
White



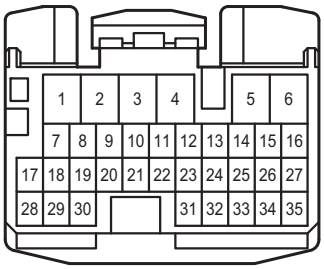
90980-12525

G181
White



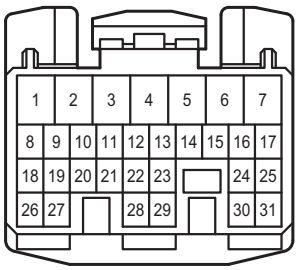
90980-12529

G184
White



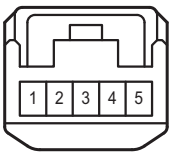
90980-12529

G185
White



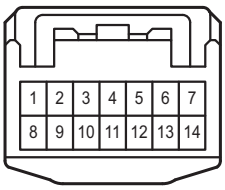
90980-12525

G205
Black



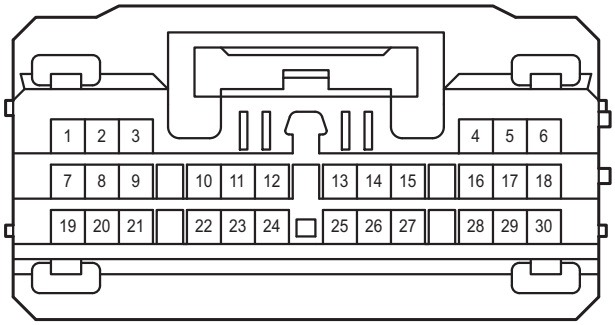
90980-12366

G208
Black



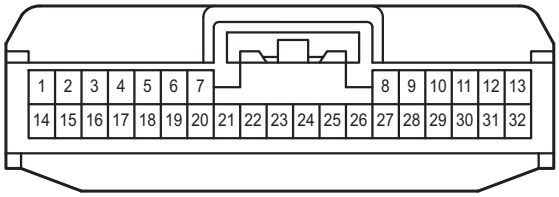
90980-12370

G218
White



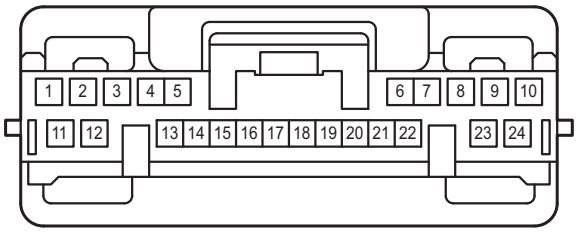
90980-12909

G224
White



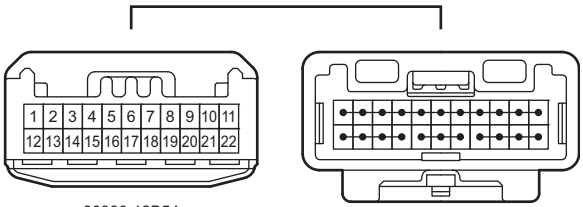
90980-12422

G229
Black



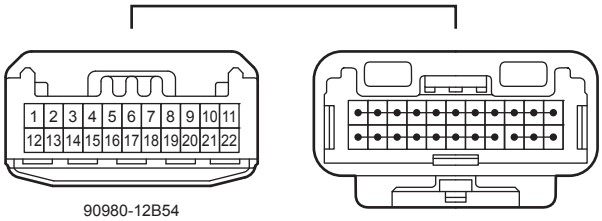
90980-12912

G234
Blue



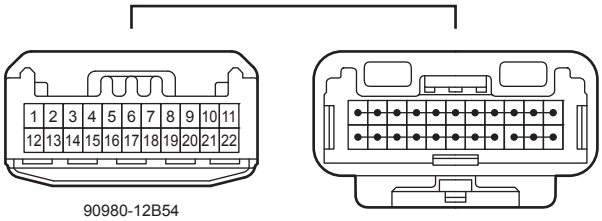
90980-12B54

G235
Gray



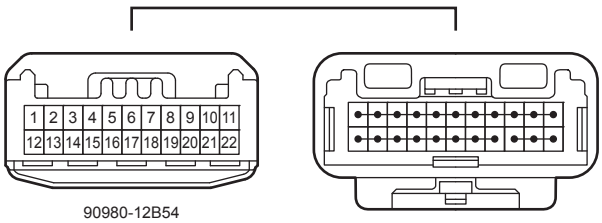
90980-12B54

G237
Blue



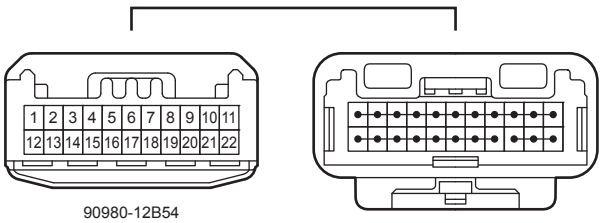
90980-12B54

G241
Gray



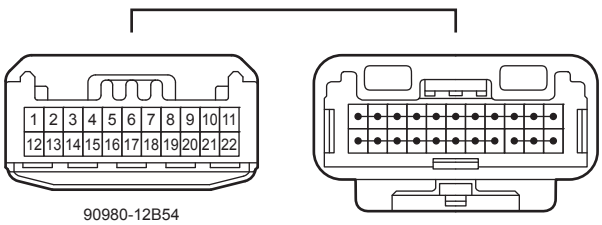
90980-12B54

G259
Blue



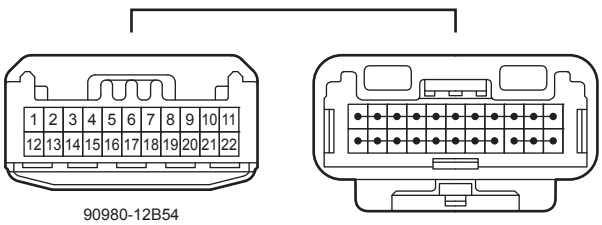
90980-12B54

G265
White



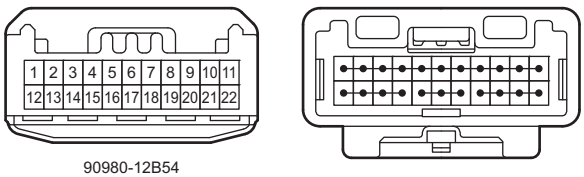
90980-12B54

G267
Blue



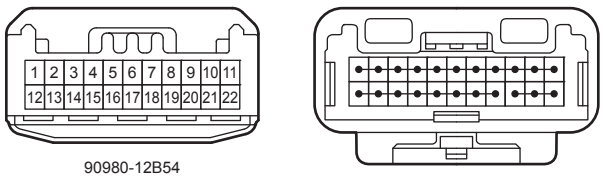
90980-12B54

G271
White



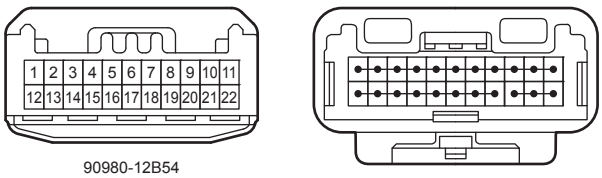
90980-12B54

G272
Gray



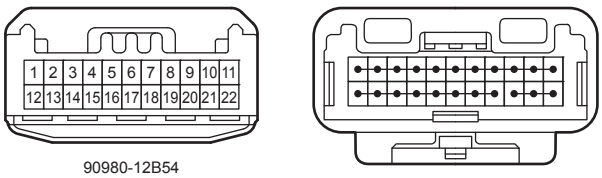
90980-12B54

G276
White



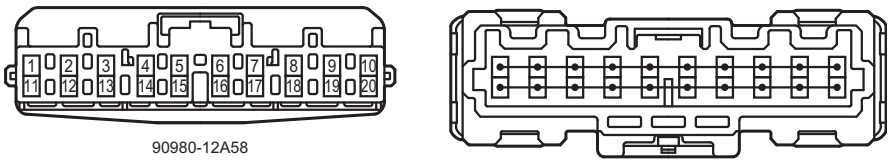
90980-12B54

G279
White



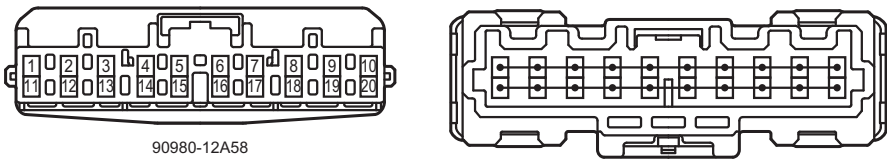
90980-12B54

G286
White



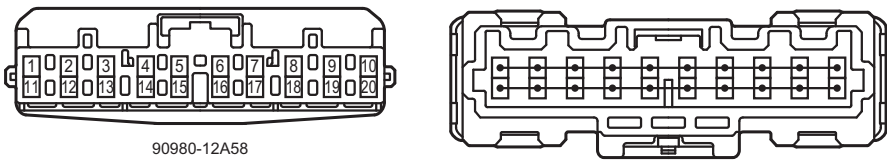
90980-12A58

G287
White



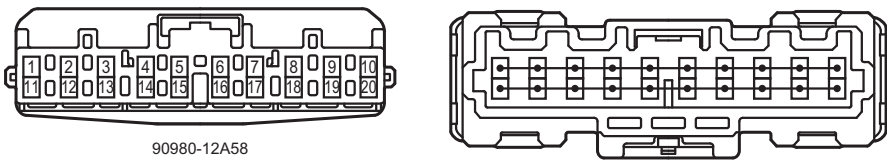
90980-12A58

G290
White



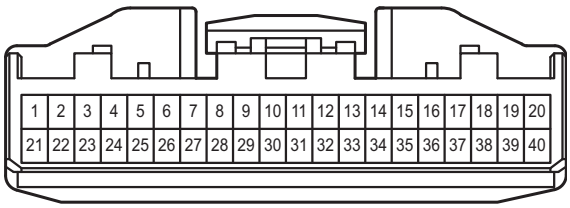
90980-12A58

G291
White



90980-12A58

G304
White



90980-12557

W22
Gray



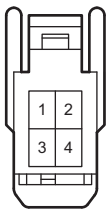
90980-12552

W23
Black



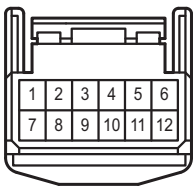
90980-12063

z7
White



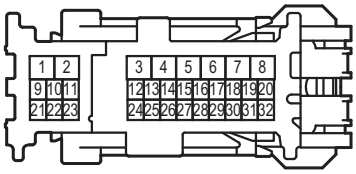
90980-12360

z16
Black



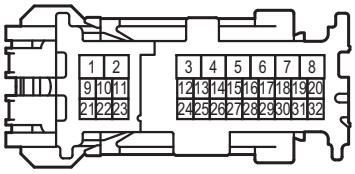
90980-12559

2M
White



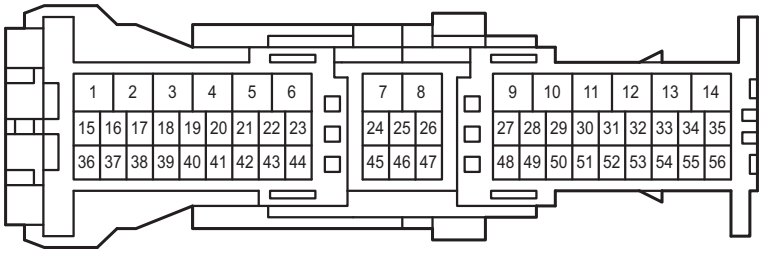
90980-12A47

2N
White



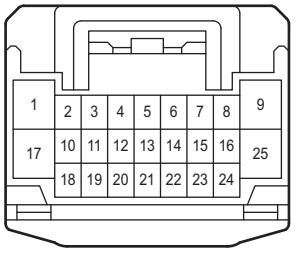
90980-12A48

2O
White

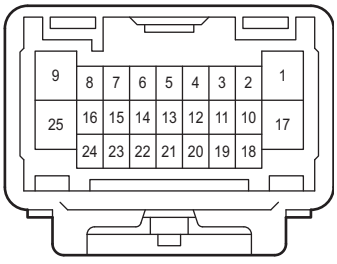


90980-12943

CG2
White

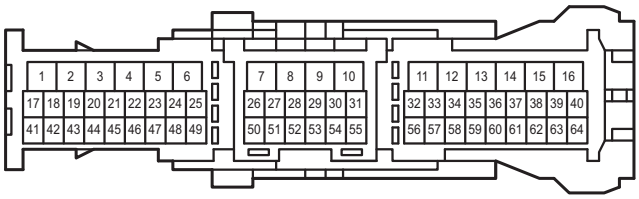


90980-12414

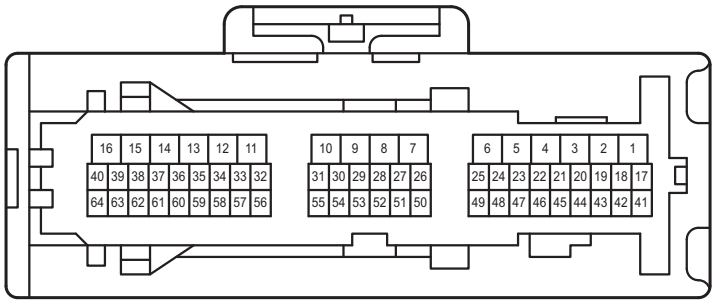


90980-12413

GA1
White

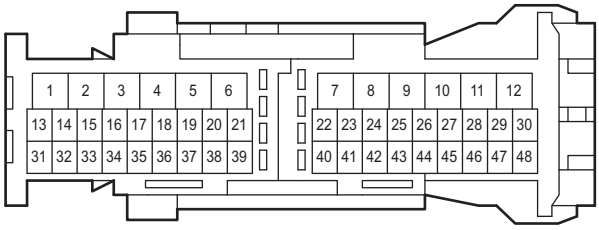


90980-12774

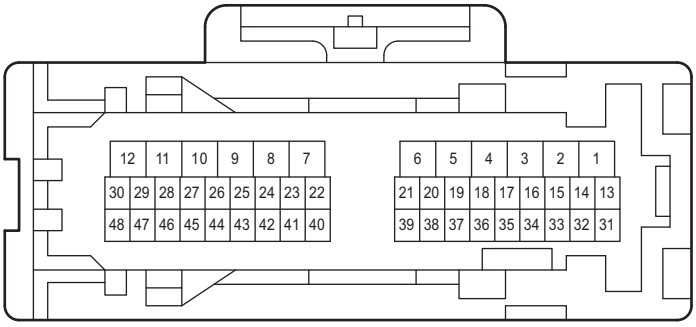


90980-12798

GA2
White

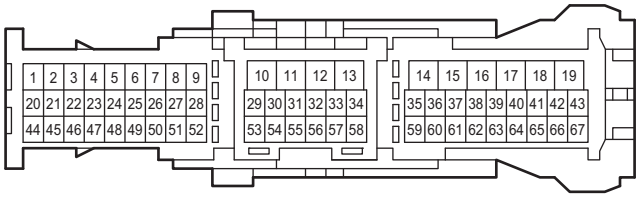


90980-12779

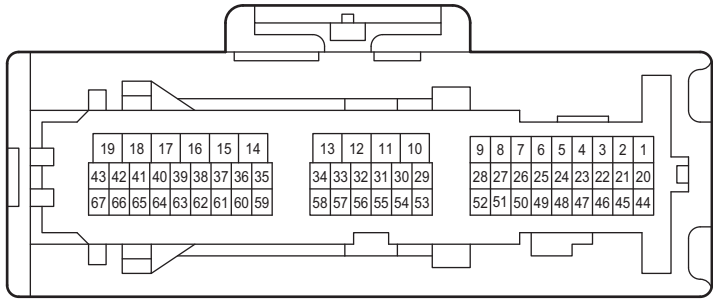


90980-12799

GA6
White

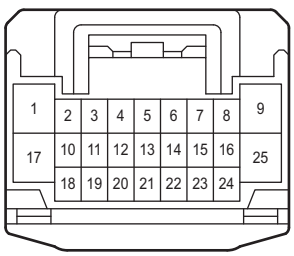


90980-12783

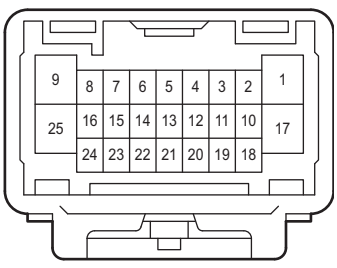


90980-12800

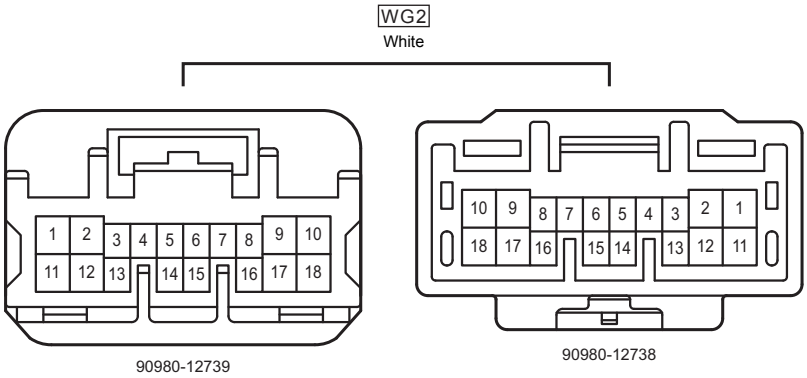
WG1
White



90980-12414



90980-12413


WG2
White
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
90980-12739
90980-12738