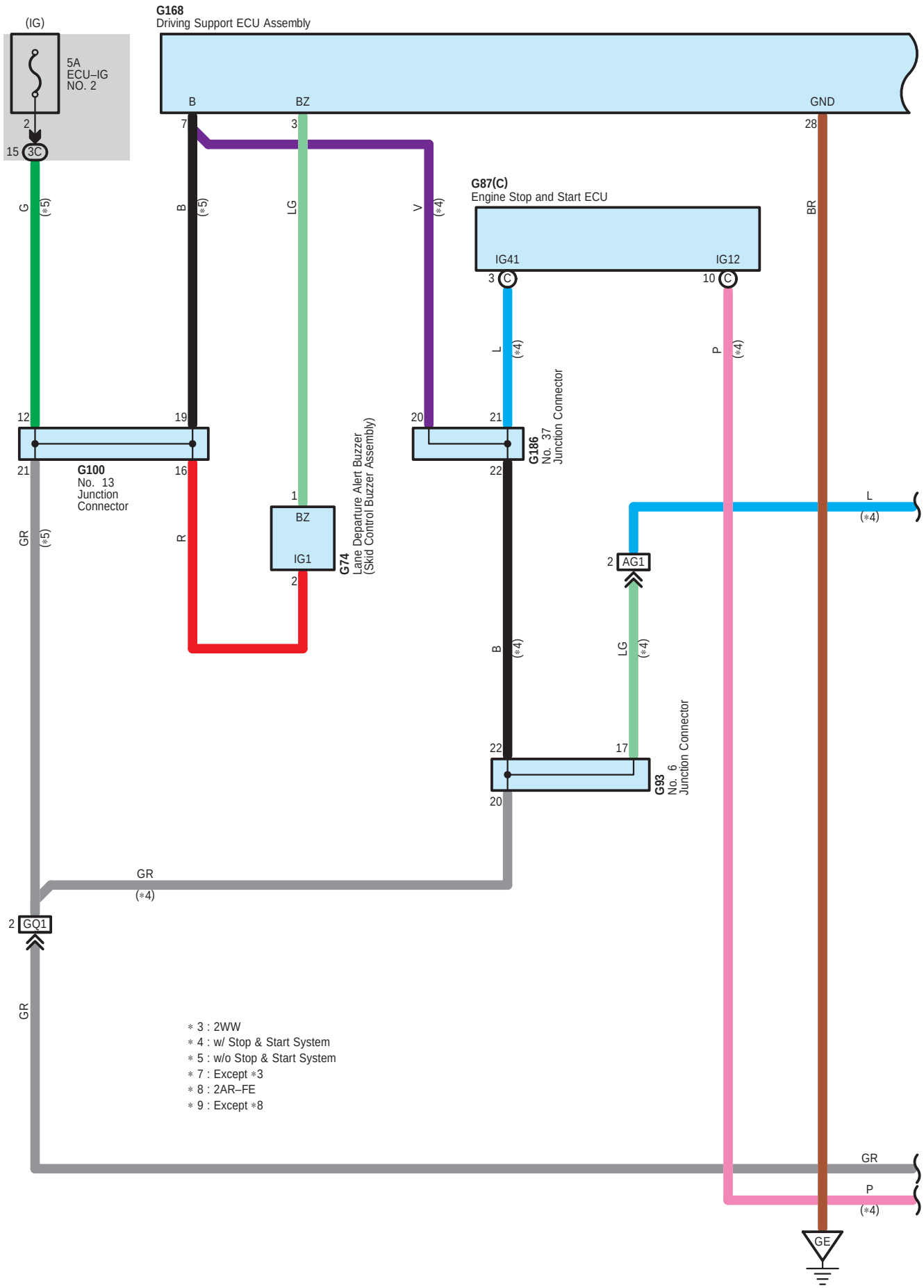
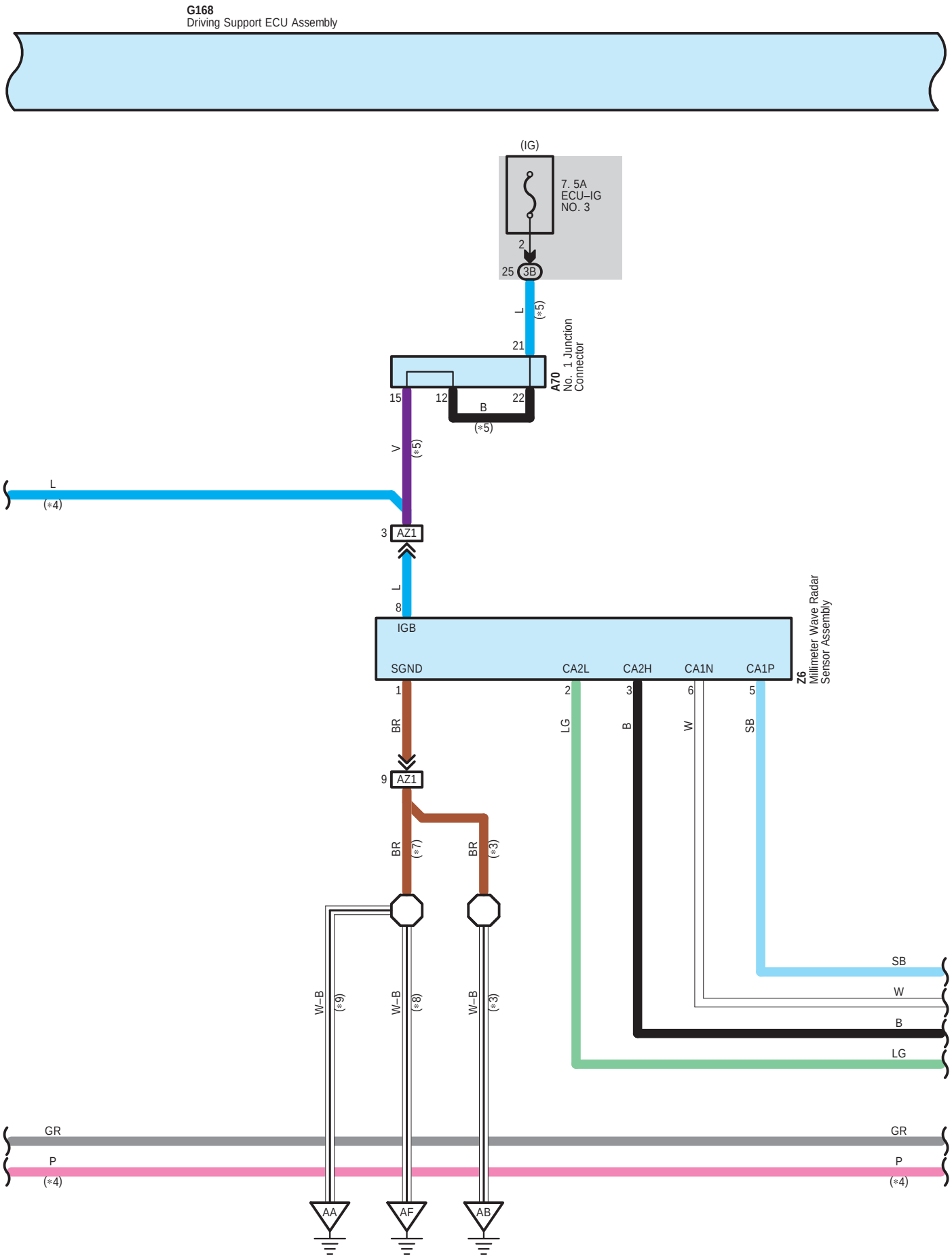
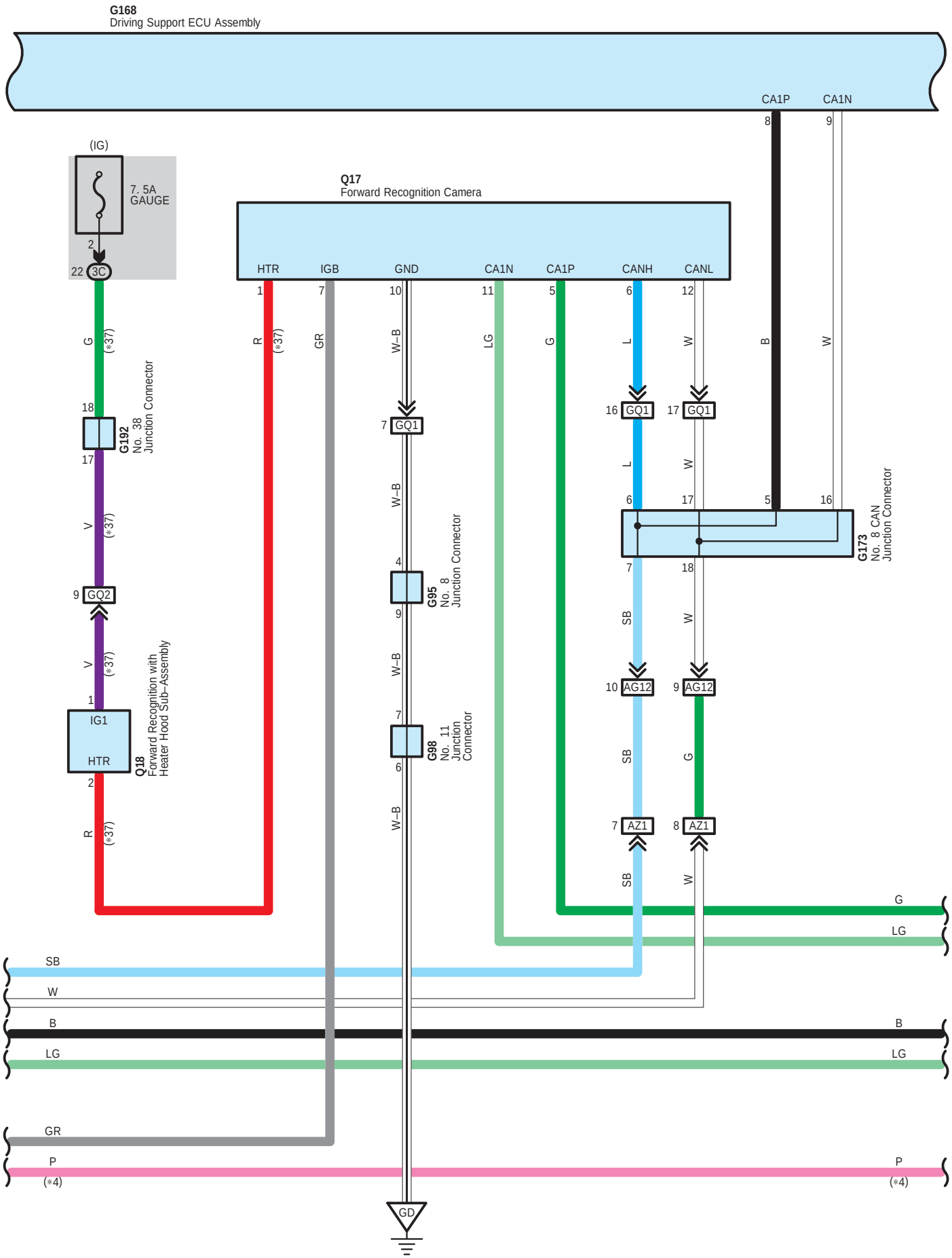
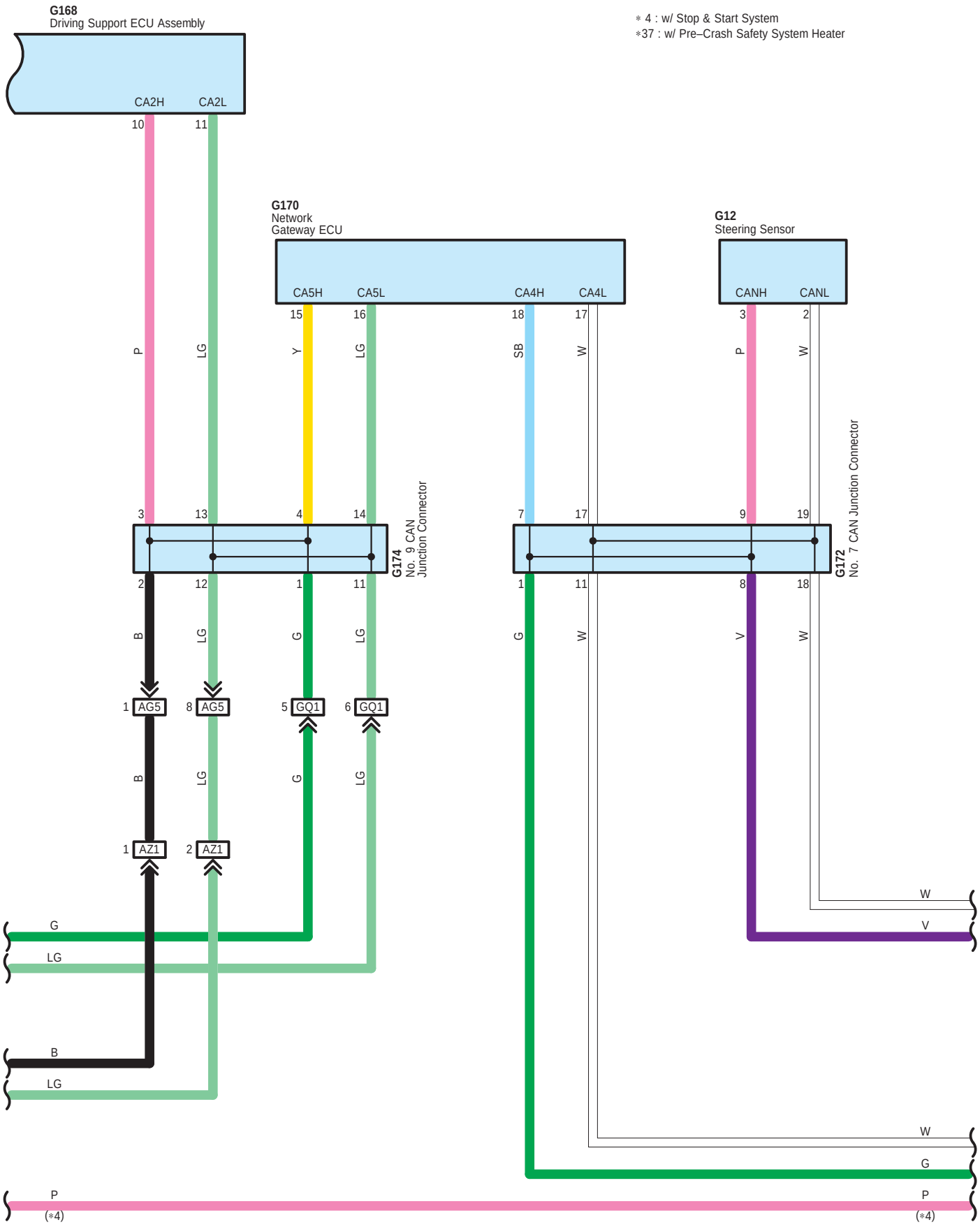
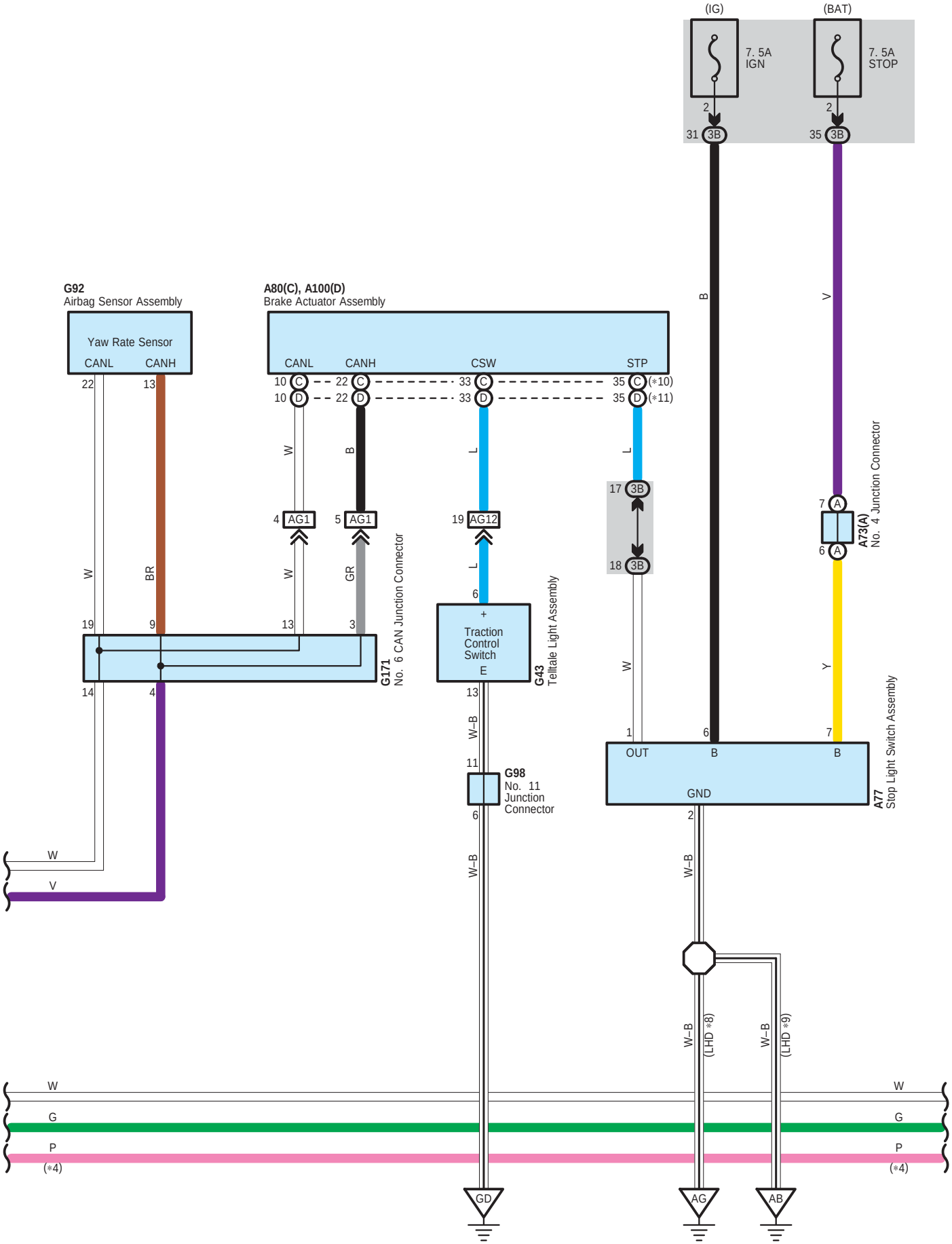
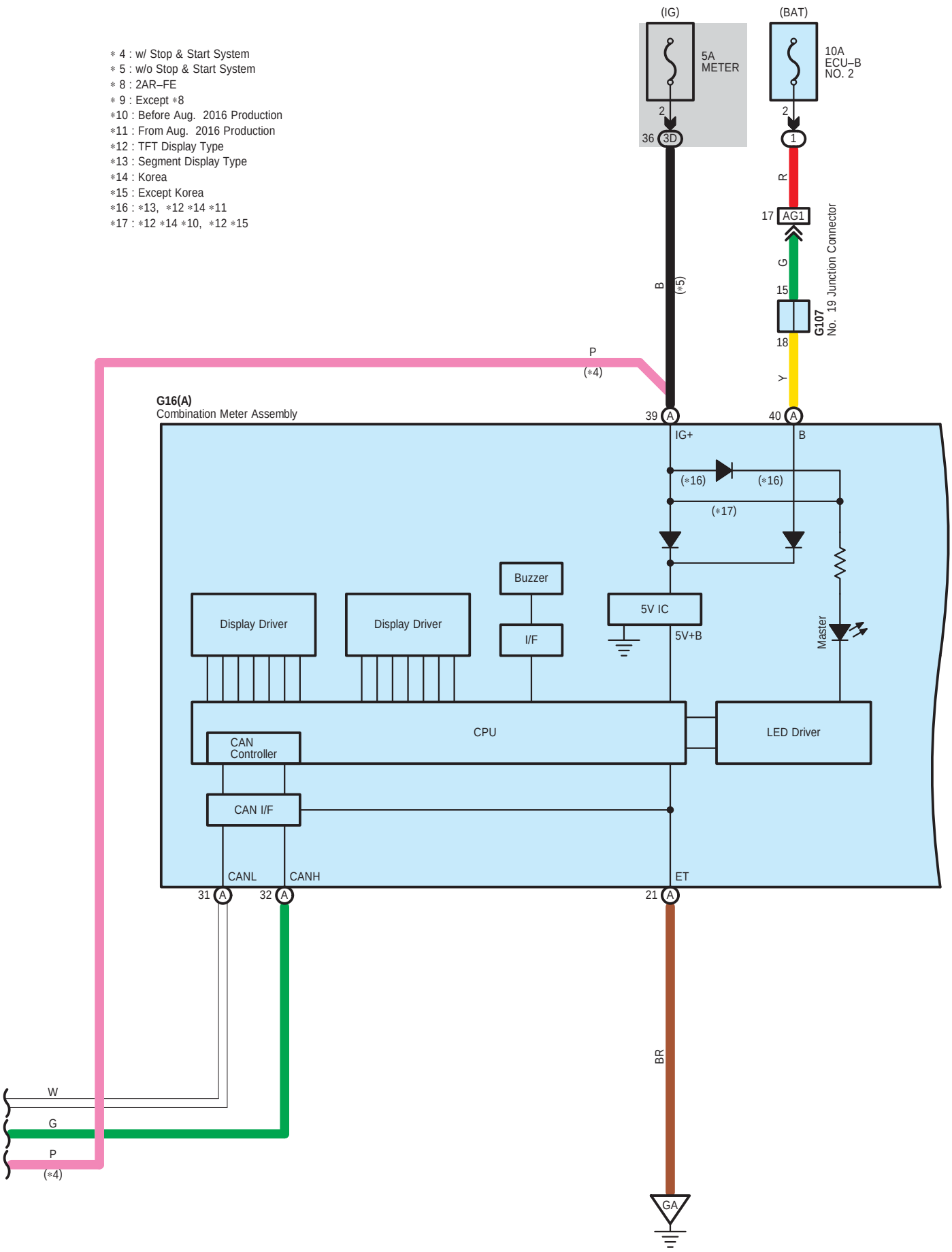

(IG)
5A
ECU–IG
NO. 2
2
15 3C
G168
Driving Support ECU Assembly
B
BZ
GND
7
3
28
G
(*5)
B
(*5)
LG
V
(*4)
BR
G87(C)
Engine Stop and Start ECU
IG41
IG12
3 C
10 C
L
(*4)
P
(*4)
12
19
20
21
21
16
22
G100
No. 13
Junction
Connector
G186
No. 37
Junction Connector
1
BZ
IG1
2
G74
Lane Departure Alert Buzzer
(Skid Control Buzzer Assembly)
GR
(*5)
R
L
(*4)
2 AG1
B
(*4)
LG
(*4)
22
17
20
G93
No. 6
Junction Connector
GR
(*4)
2 GQ1
GR
* 3 : 2WW
* 4 : w/ Stop & Start System
* 5 : w/o Stop & Start System
* 7 : Except *3
* 8 : 2AR–FE
* 9 : Except *8
GR
P
(*4)
GE

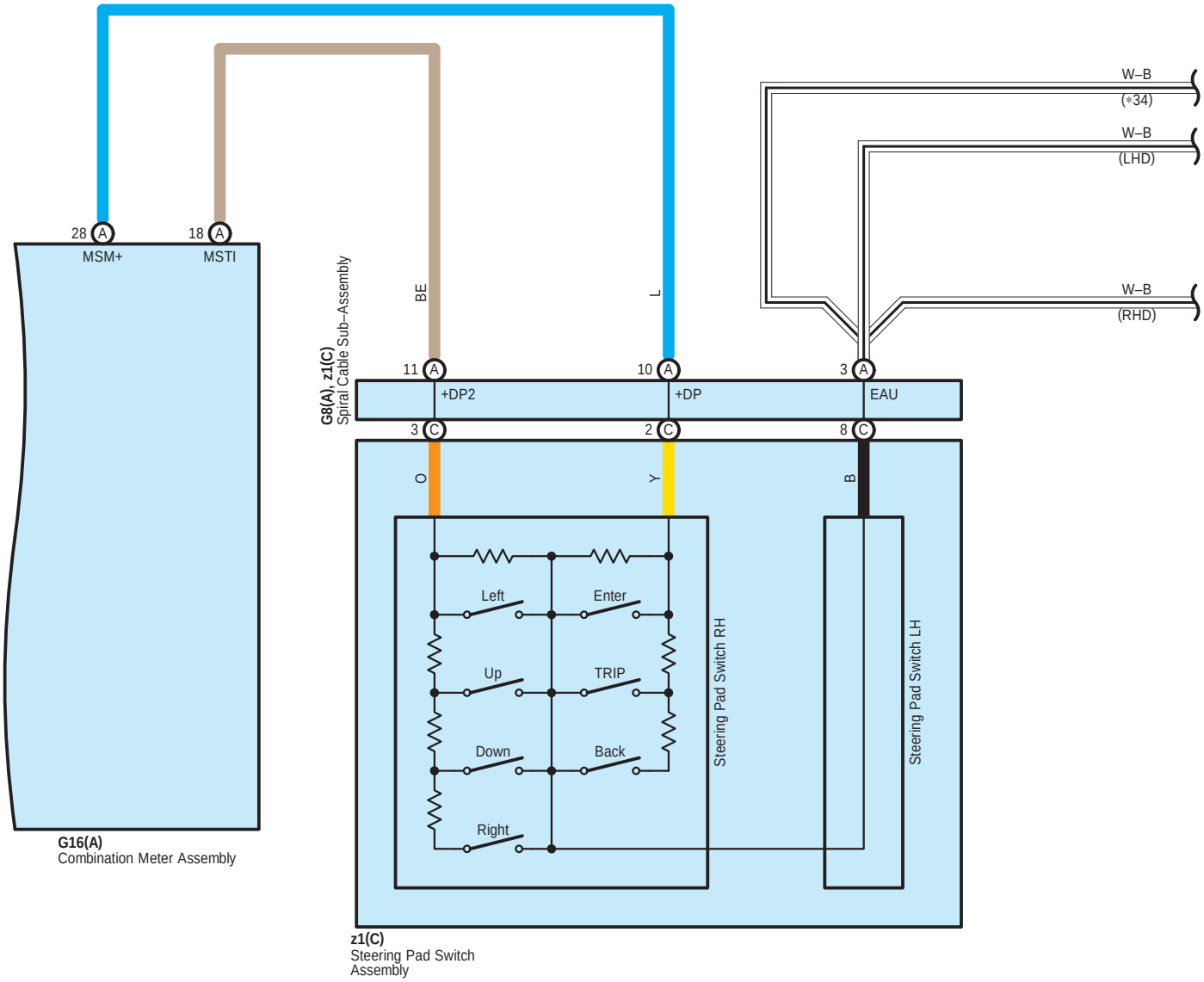

G168
Driving Support ECU Assembly
(IG)
7. 5A
ECU–IG
NO. 3
2
25
3B
L
(*5)
21
A70
No. 1 Junction
Connector
15
12
22
B
(*5)
V
(*5)
L
(*4)
3
AZ1
L
8
IGB
SGND
CA2L
CA2H
CA1N
CA1P
Z6
Millimeter Wave Radar
Sensor Assembly
1
2
3
6
5
BR
LG
B
W
SB
9
AZ1
BR
(*7)
BR
(*3)
W–B
(*9)
W–B
(*8)
W–B
(*3)
SB
W
B
LG
GR
P
(*4)
GR
P
(*4)
AA
AF
AB


G168
Driving Support ECU Assembly
CA1P
CA1N
(IG)
7. 5A
GAUGE
Q17
Forward Recognition Camera
HTR
IGB
GND
CA1N
CA1P
CANH
CANL
G192
No. 38
Junction Connector
G95
No. 8
Junction Connector
G98
No. 11
Junction
Connector
G173
No. 8 CAN
Junction Connector
Q18
Forward Recognition with
Heater Hood Sub-Assembly
IG1
HTR
GQ1
GQ2
AG12
AZ1
(*37)
(*4)
GD

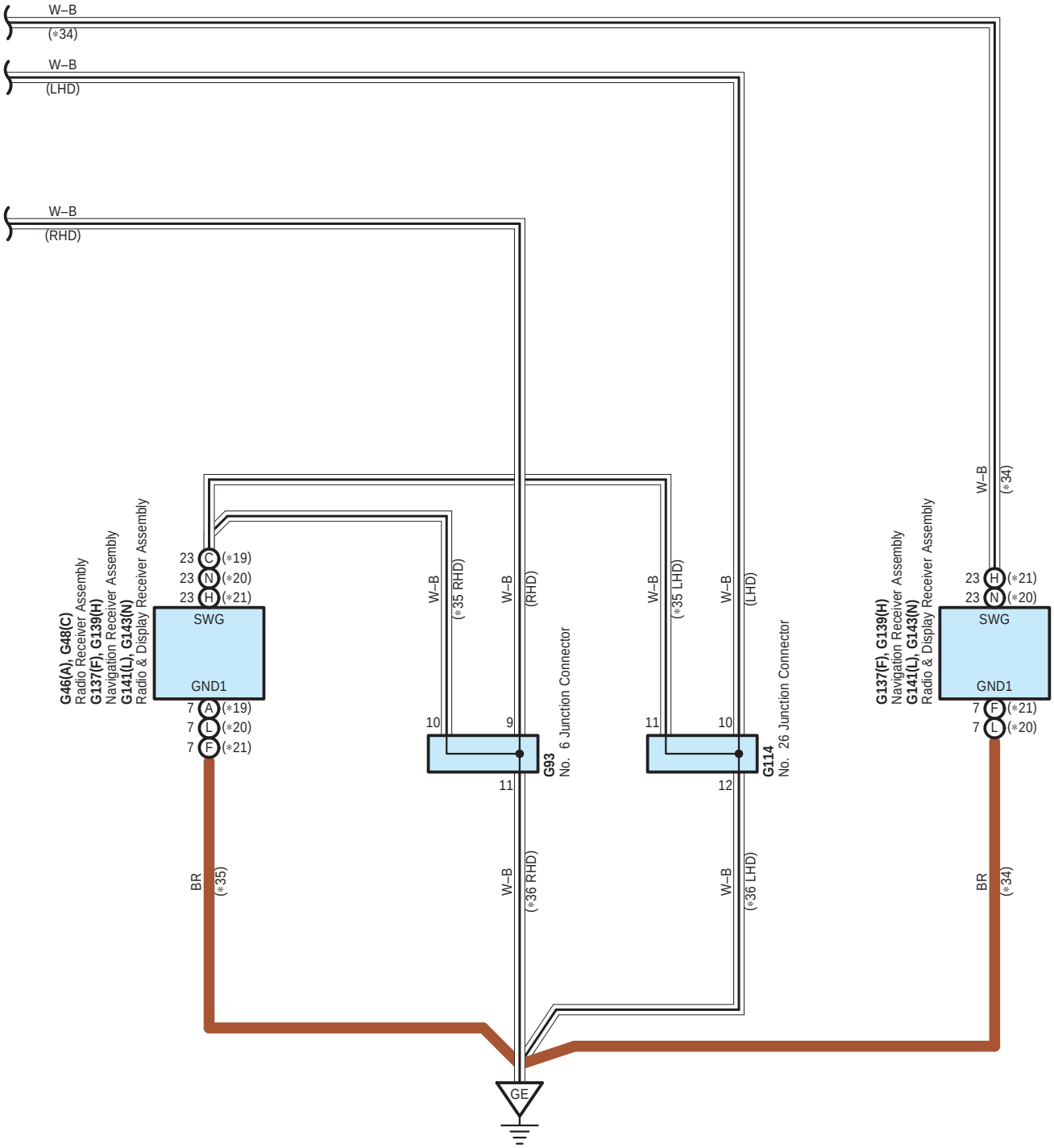

G168
Driving Support ECU Assembly
CA2H
CA2L
10
11
∗ 4 : w/ Stop & Start System
∗37 : w/ Pre–Crash Safety System Heater
G170
Network
Gateway ECU
CA5H
CA5L
CA4H
CA4L
15
16
18
17
G12
Steering Sensor
CANH
CANL
3
2
P
LG
Y
LG
SB
W
P
W
3
13
4
14
7
17
9
19
G174
No. 9 CAN
Junction Connector
G172
No. 7 CAN Junction Connector
2
12
1
11
1
11
8
18
B
LG
G
LG
G
W
V
W
1 AG5
8 AG5
5 GQ1
6 GQ1
B
LG
G
LG
1 AZ1
2 AZ1
W
V
G
LG
B
LG
W
G
P
(∗4)
P
(∗4)


(IG)
(BAT)
7. 5A
IGN
7. 5A
STOP
2
31 3B
35 3B
G92
Airbag Sensor Assembly
Yaw Rate Sensor
CANL
CANH
22
13
A80(C), A100(D)
Brake Actuator Assembly
CANL
CANH
CSW
STP
10 C
22 C
33 C
35 C (*10)
10 D
22 D
33 D
35 D (*11)
W
B
L
L
B
V
4 AG1
5 AG1
19 AG12
17 3B
18 3B
7 A
6 A
A73(A)
No. 4 Junction Connector
W
BR
W
GR
L
W
Y
19
9
13
3
6
14
4
G171
No. 6 CAN Junction Connector
+
Traction
Control
Switch
E
G43
Telltale Light Assembly
13
W–B
11
G98
No. 11
Junction
Connector
6
W–B
1
6
7
OUT
B
B
GND
A77
Stop Light Switch Assembly
2
W–B
W
V
W–B
(LHD *8)
W–B
(LHD *9)
W
G
P
(*4)
W
G
P
(*4)
GD
AG
AB

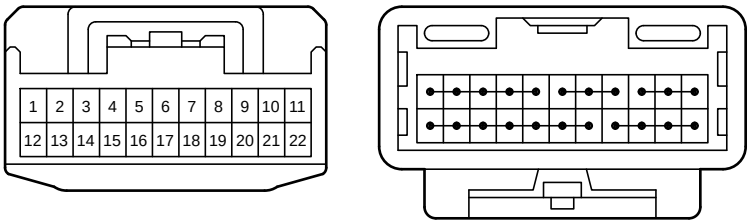

∗ 4 : w/ Stop & Start System
∗ 5 : w/o Stop & Start System
∗ 8 : 2AR–FE
∗ 9 : Except ∗8
∗10 : Before Aug. 2016 Production
∗11 : From Aug. 2016 Production
∗12 : TFT Display Type
∗13 : Segment Display Type
∗14 : Korea
∗15 : Except Korea
∗16 : ∗13, ∗12 ∗14 ∗11
∗17 : ∗12 ∗14 ∗10, ∗12 ∗15
(IG)
5A
METER
(BAT)
10A
ECU–B
NO. 2
2
36 3D
2
1
R
17 AG1
G
15
18
G107
No. 19 Junction Connector
Y
B
(∗5)
P
(∗4)
G16(A)
Combination Meter Assembly
39 A
40 A
IG+
B
(∗16)
(∗16)
(∗17)
Buzzer
Display Driver
Display Driver
I/F
5V IC
5V+B
Master
CPU
LED Driver
CAN
Controller
CAN I/F
CANL
CANH
ET
31 A
32 A
21 A
BR
W
G
P
(∗4)
GA


W–B
(*34)
W–B
(LHD)
W–B
(RHD)
28 A
MSM+
18 A
MSTI
BE
L
G8(A), z1(C)
Spiral Cable Sub–Assembly
11 A
+DP2
10 A
+DP
3 A
EAU
3 C
2 C
8 C
O
Y
B
Left
Enter
Up
TRIP
Down
Back
Right
Steering Pad Switch RH
Steering Pad Switch LH
G16(A)
Combination Meter Assembly
z1(C)
Steering Pad Switch
Assembly

∗19 : Radio Receiver Type
∗20 : Radio & Display Receiver Type
∗21 : Navigation Receiver Type
∗34 : w/ Audio System (Separate Type Amplifier)
∗35 : w/ Audio System (Built–in Type Amplifier)
∗36 : w/o Audio System

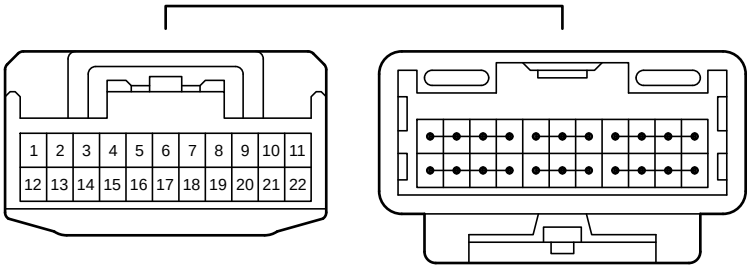


A70
White



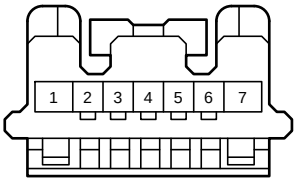

90980-12372

A73
Blue



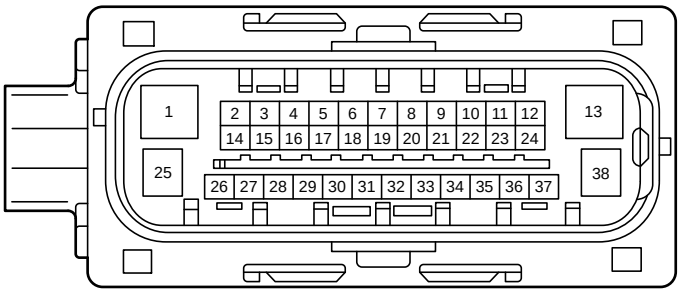

90980-12372

A77
Black



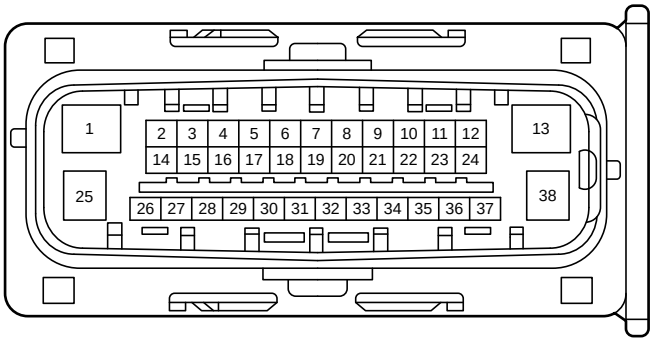

90980-12092

A80
Black



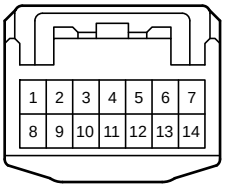

90980-12A95

A100
Black



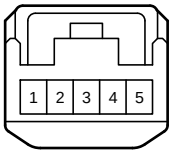

90980-12B01

G8
Black



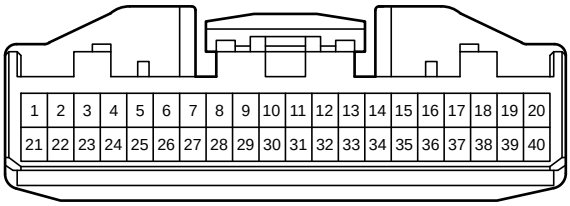

90980-12370

G12
Black



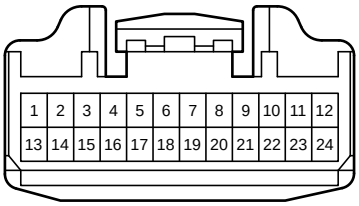

90980-12366

G16
Black



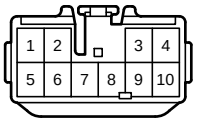

90980-12557

G43
Black



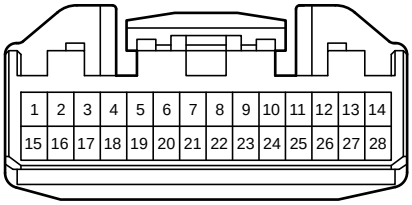

90980-12554

G46
White



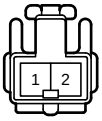

90980-10997

G48
White



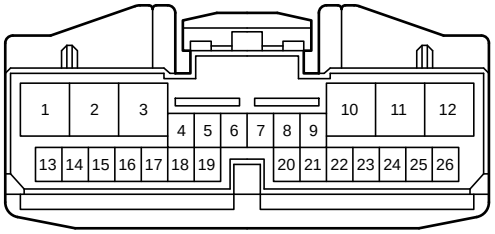

90980-12555

G74
Blue



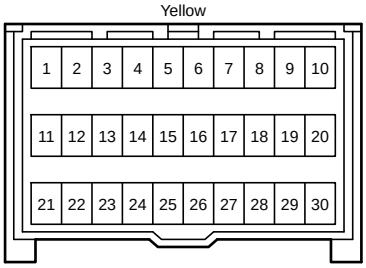

90980-10860

G87
Black



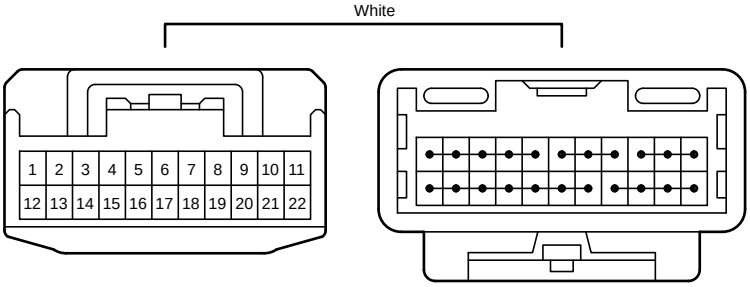

82824-12510

G92
Yellow



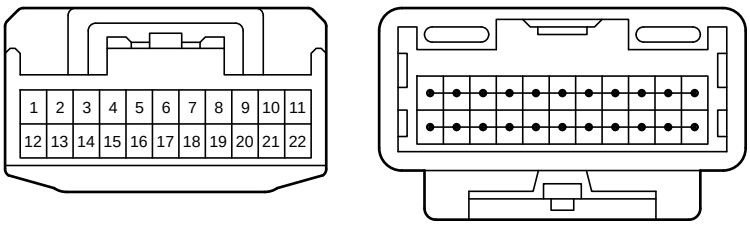

90980-12391

G93
White



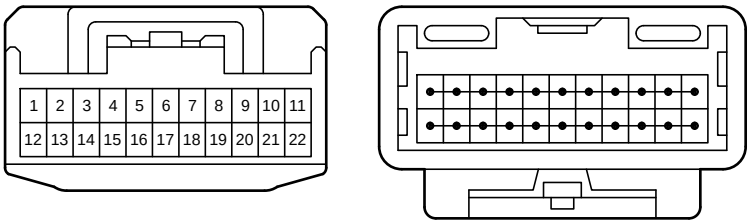

90980-12372

G95
Gray



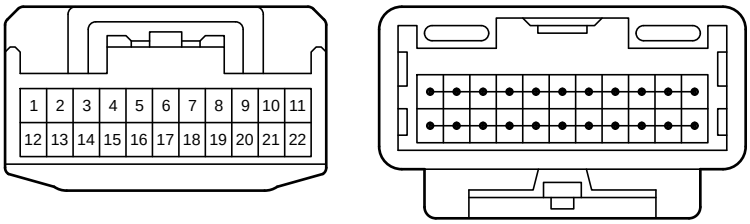

90980-12372

G98
Gray



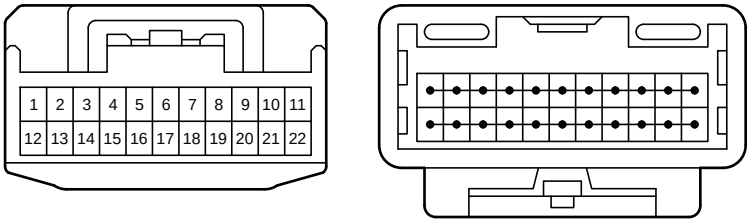

90980-12372

G100
Gray



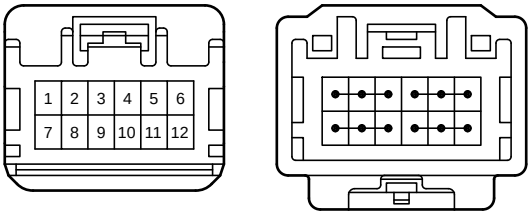

90980-12372

G107
Gray



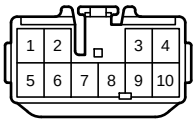

90980-12372

G114
Gray



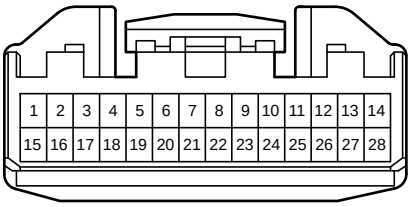

90980-12737

G137
White



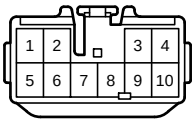

90980-10997

G139
White



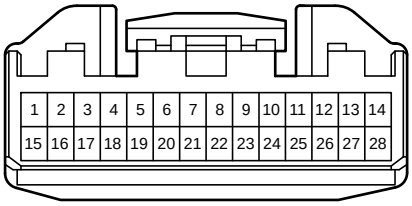

90980-12555

G141
White



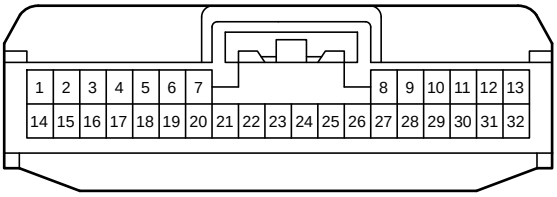

90980-10997

G143
White



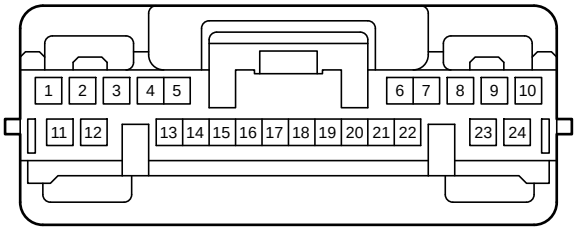

90980-12555

G168
White




90980-12422

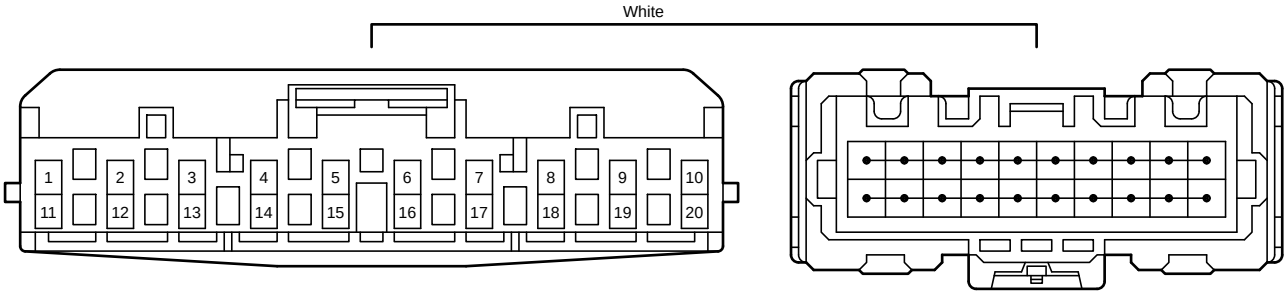
G170
Black




90980-12912

G171

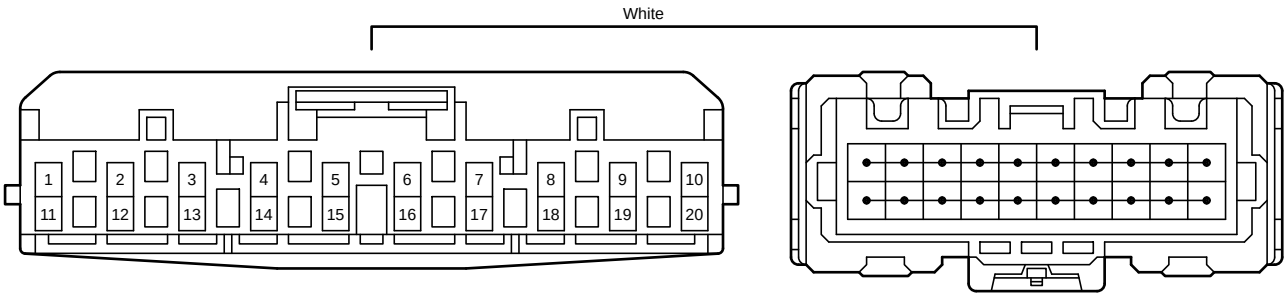
White




90980-12A58

G172

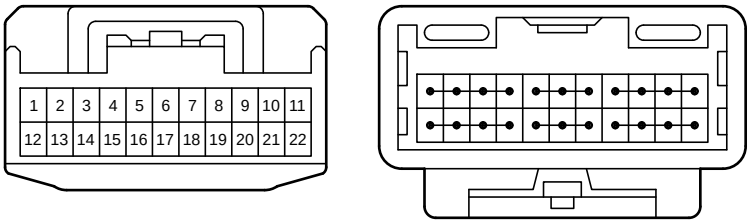
White




90980-12A58

G173

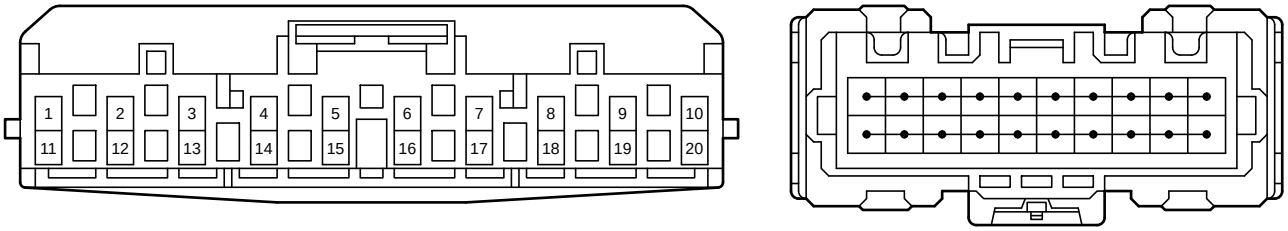
Blue




90980-12372

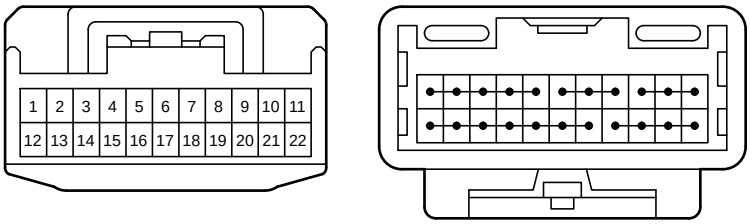
G174

White



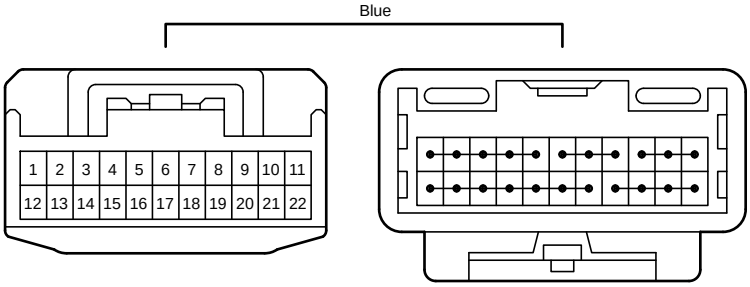

90980-12A58

G186
White



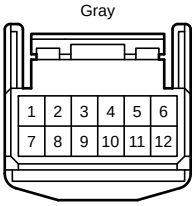

90980-12372

G192
Blue



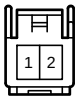

90980-12372

Q17
Gray



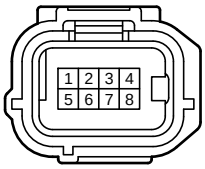

90980-12559

Q18
White



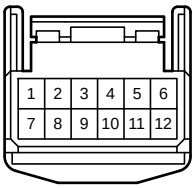

90980-12063

Z6
Black



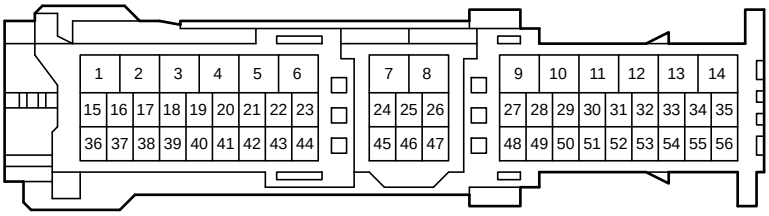

90980-12520

z1
Black



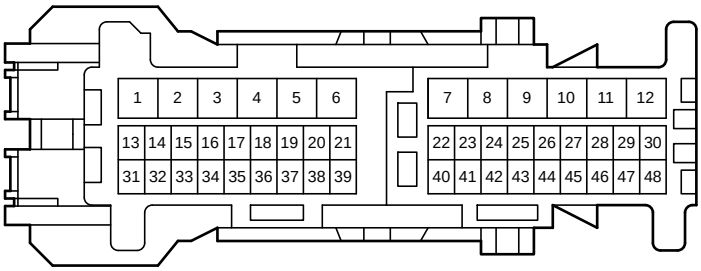

90980-12559

3B
White



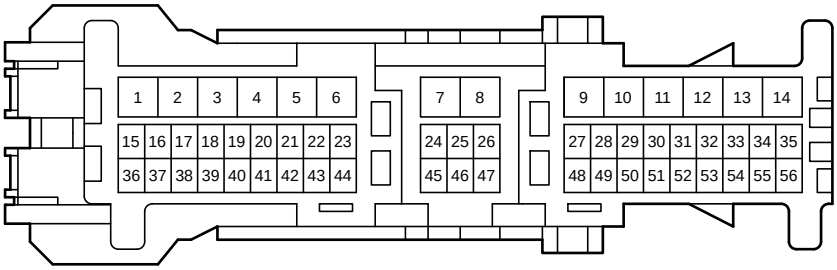

90980-12A15

3C
White



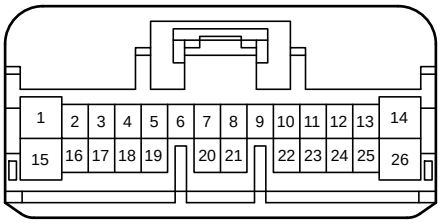

90980-12887

3D
White

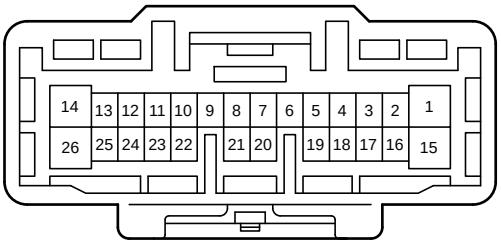



90980-12890

AG1
Blue

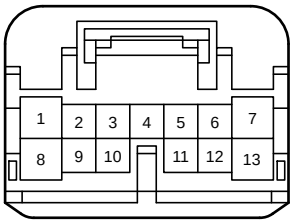



90980-12771

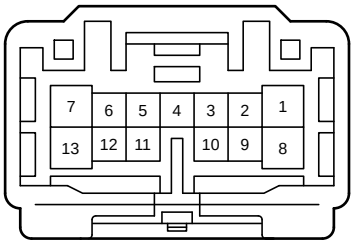



90980-12770

AG5
White

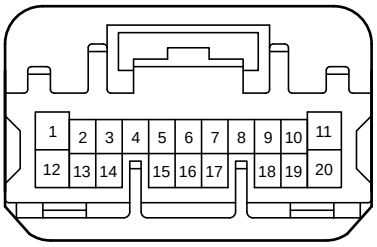



90980-12767

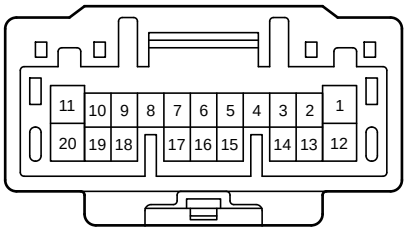



90980-12766

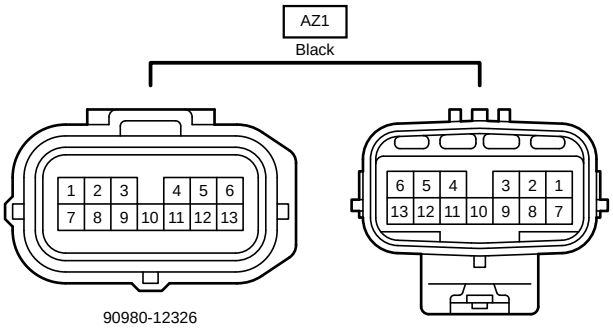
AG12
Blue

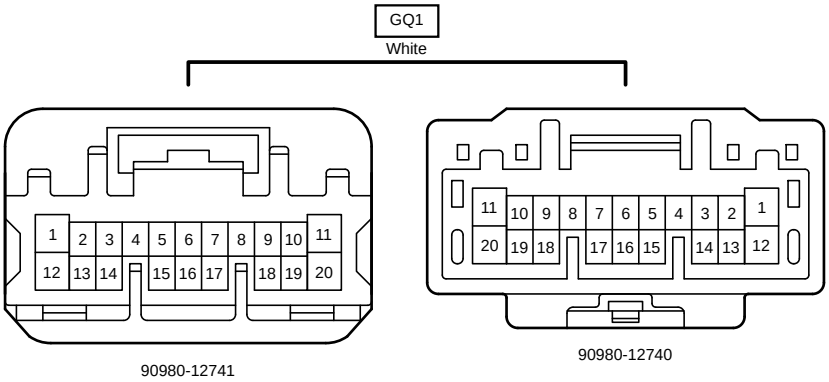



90980-12741




90980-12740


AZ1
Black
1 2 3 4 5 6
7 8 9 10 11 12 13
6 5 4 3 2 1
13 12 11 10 9 8 7
90980-12326
90980-12716


GQ1
White
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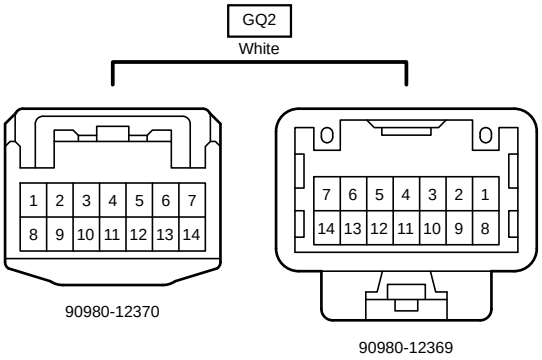
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12
90980-12741
90980-12740


GQ2
White
1 2 3 4 5 6 7
8 9 10 11 12 13 14
7 6 5 4 3 2 1
14 13 12 11 10 9 8
90980-12370
90980-12369