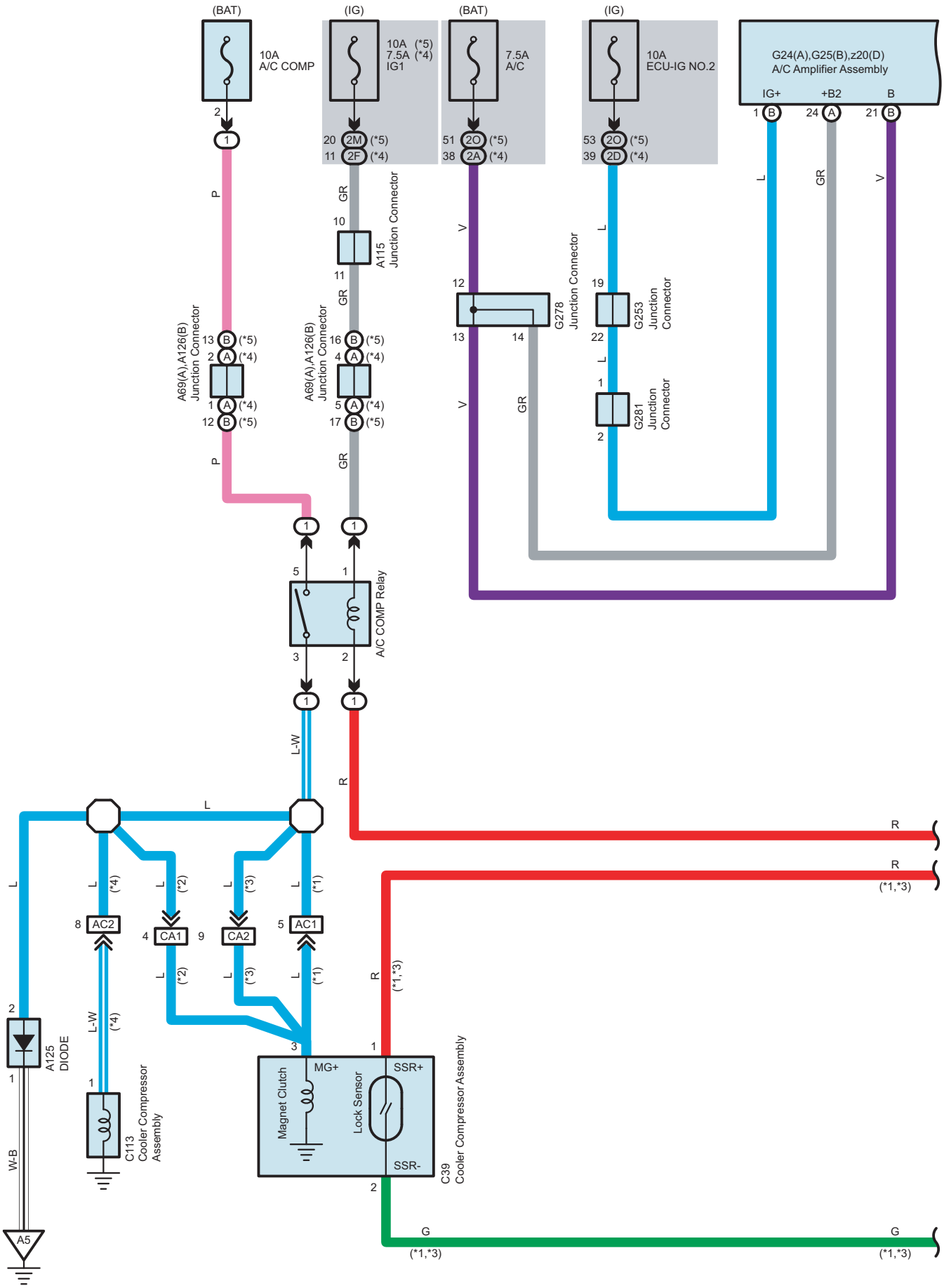
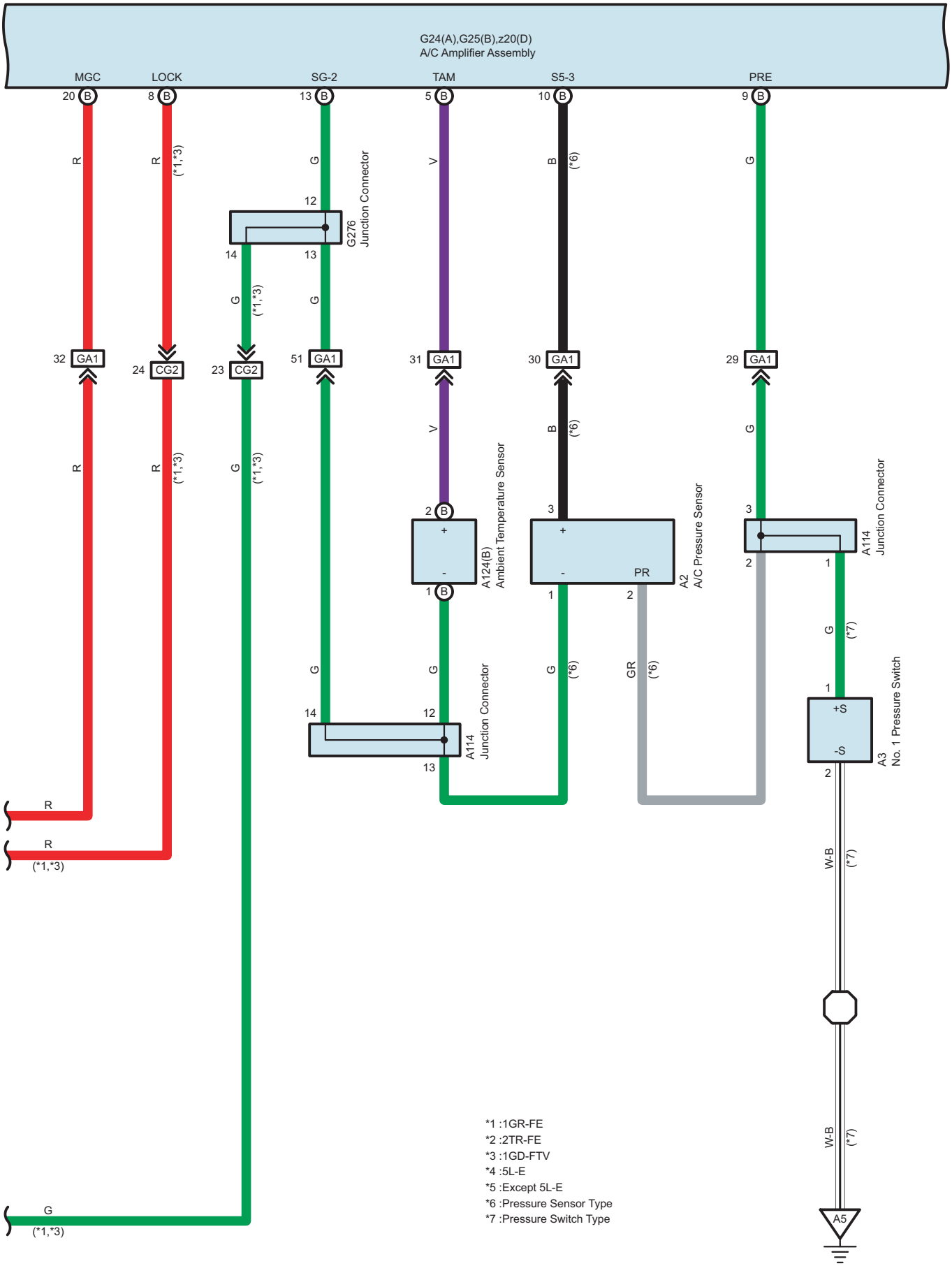
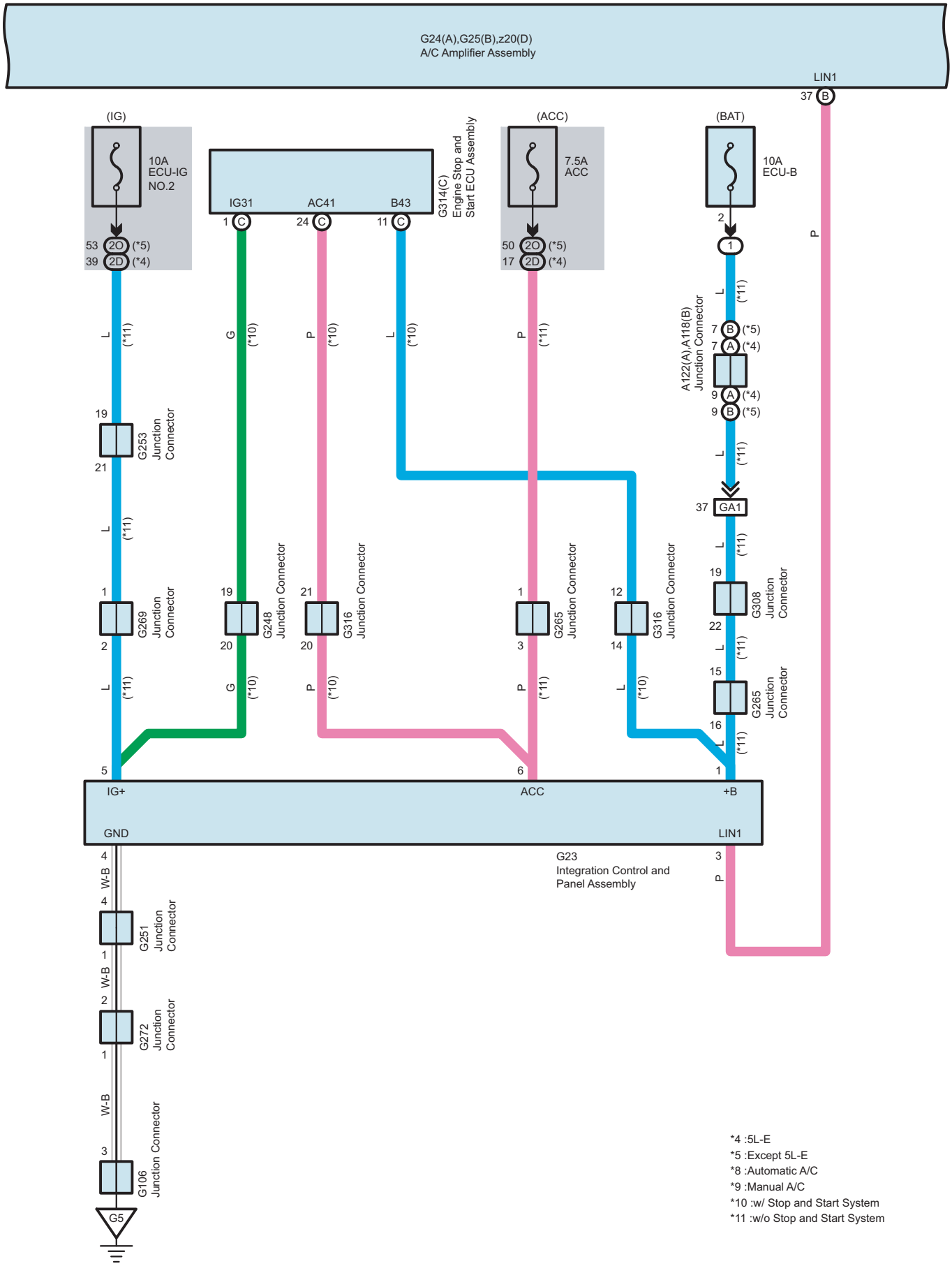
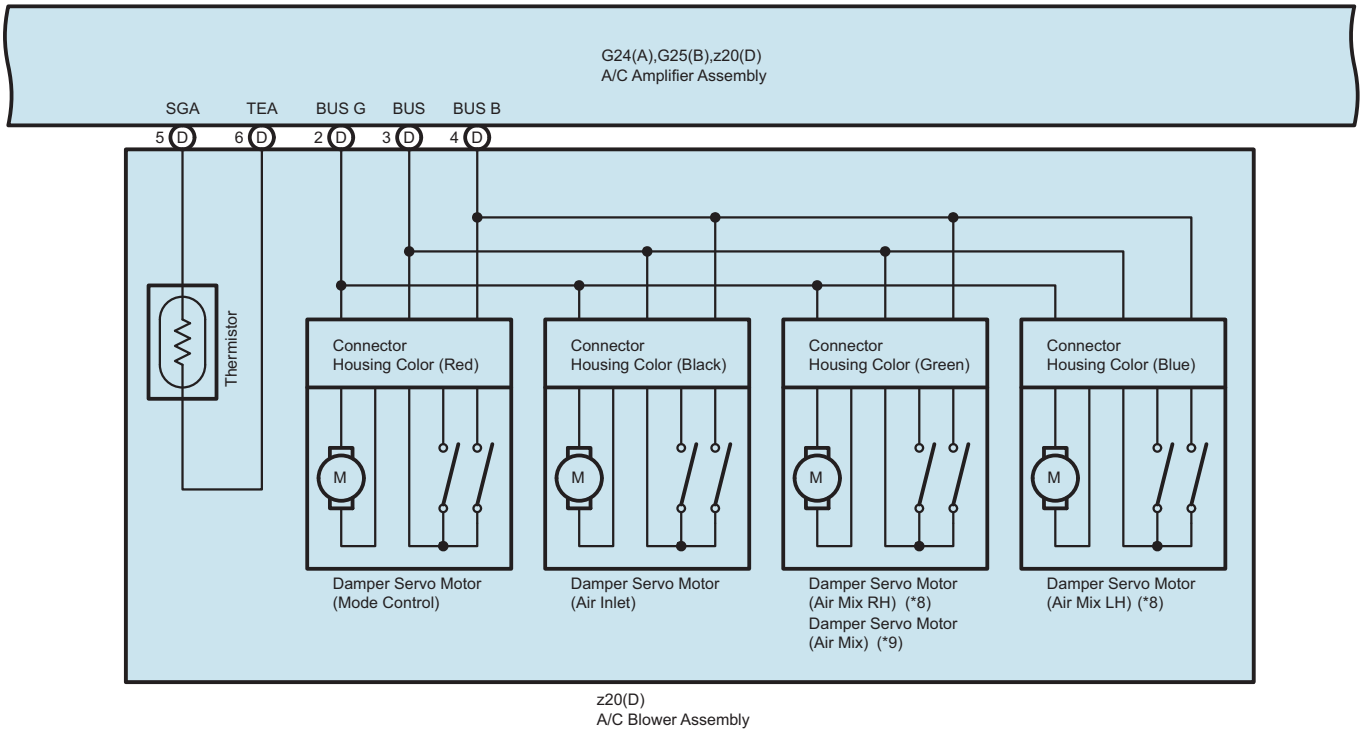
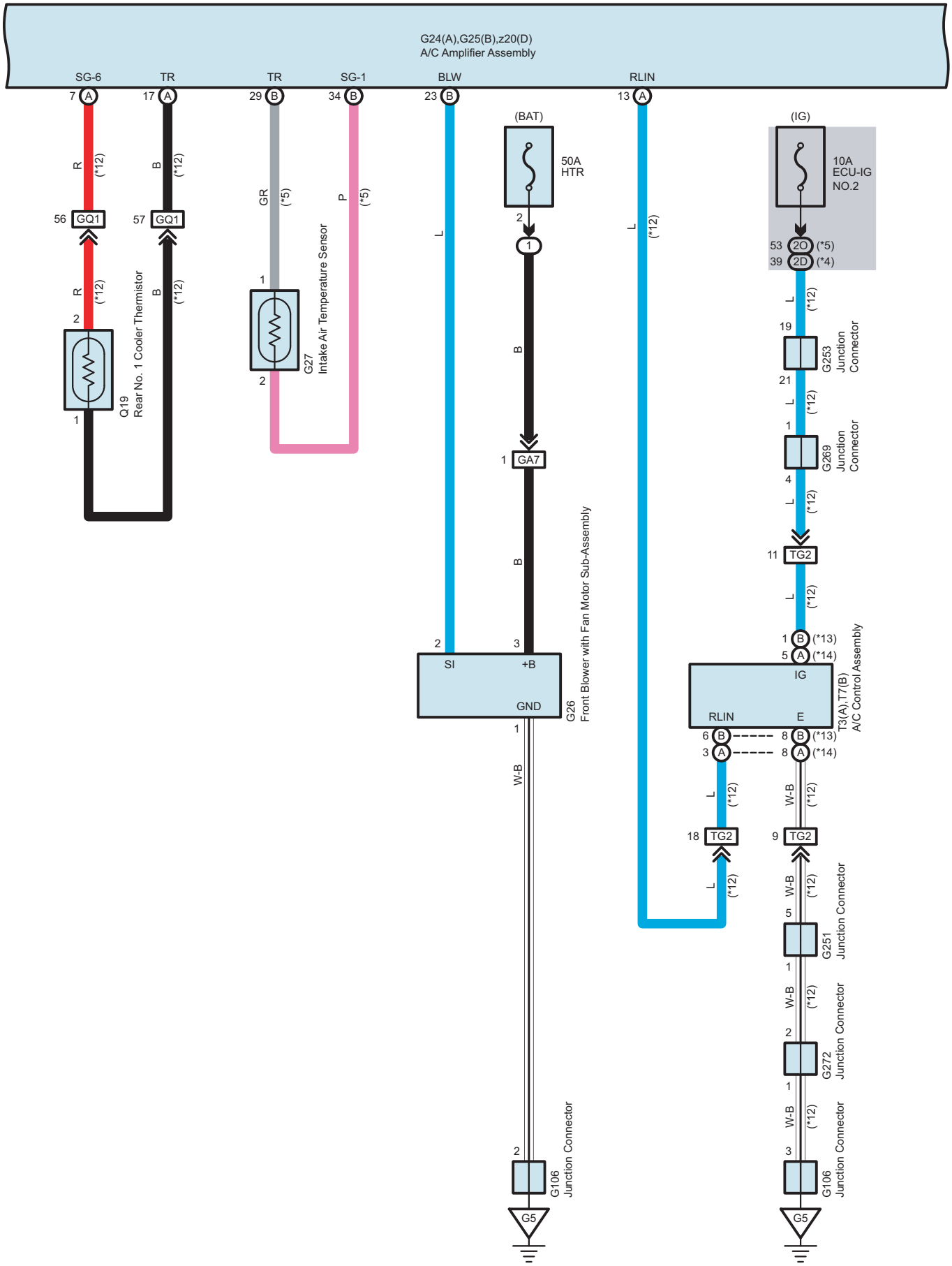
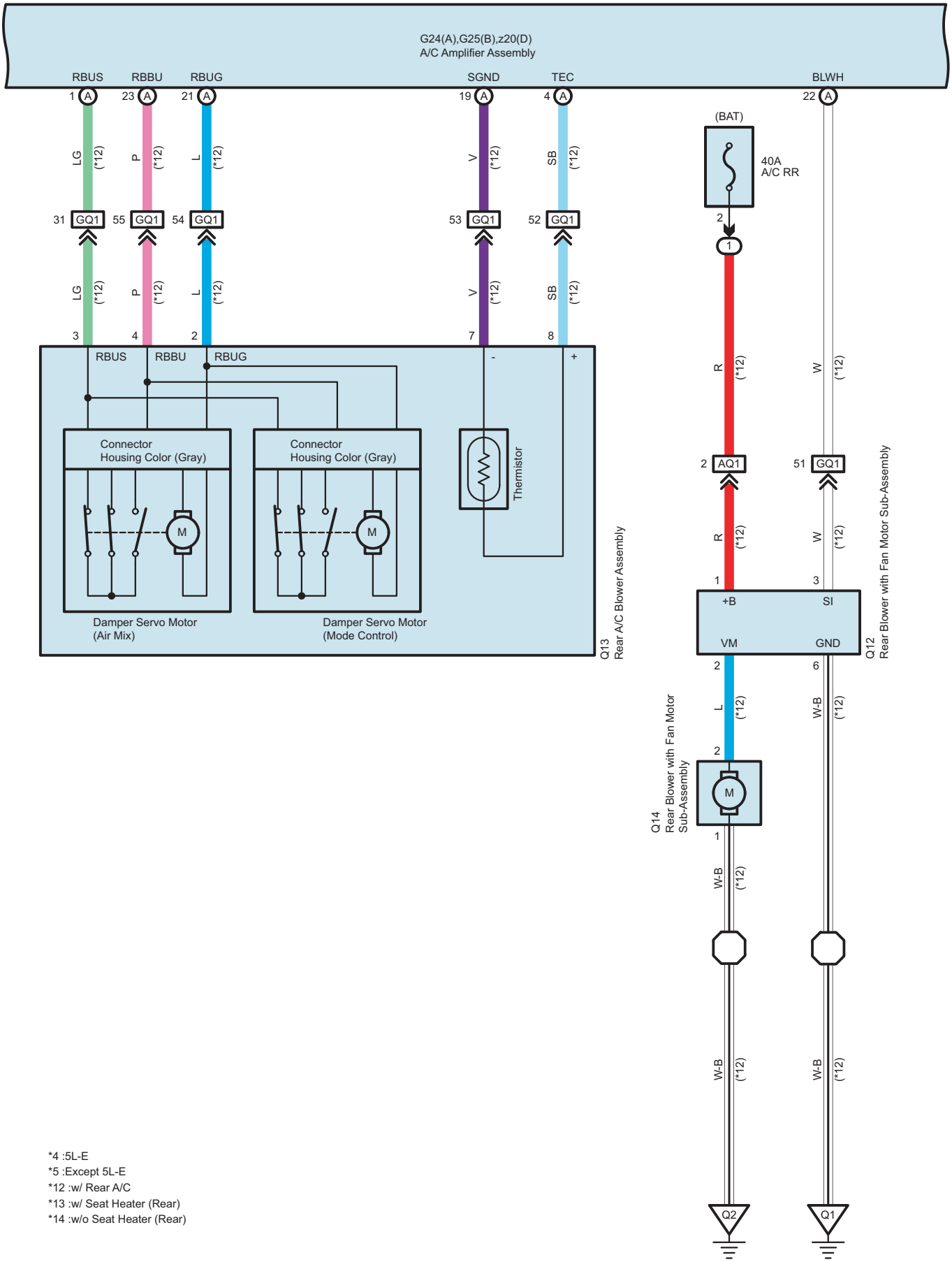

(BAT)
10A
A/C COMP
(IG)
10A (*5)
7.5A (*4)
IG1
(BAT)
7.5A
A/C
(IG)
10A
ECU-IG NO.2
G24(A),G25(B),z20(D)
A/C Amplifier Assembly
IG+
+B2
B
A115
Junction Connector
G278
Junction Connector
G253
Junction Connector
G281
Junction Connector
A69(A),A126(B)
Junction Connector
A/C COMP Relay
AC2
CA1
CA2
AC1
A125
DIODE
C113
Cooler Compressor
Assembly
C39
Cooler Compressor Assembly
Magnet Clutch
Lock Sensor
MG+
SSR+
SSR-
A5


G24(A),G25(B),z20(D)
A/C Amplifier Assembly
MGC
LOCK
SG-2
TAM
S5-3
PRE
20 B
8 B
13 B
5 B
10 B
9 B
R
R (*1,*3)
G
V
B (*6)
G
12
14
13
G276
Junction Connector
G (*1,*3)
G
32 GA1
24 CG2
23 CG2
51 GA1
31 GA1
30 GA1
29 GA1
R
R (*1,*3)
G (*1,*3)
V
B (*6)
G
2 B
+
-
1 B
A124(B)
Ambient Temperature Sensor
3
+
-
PR
1
2
A2
A/C Pressure Sensor
G
14
12
13
A114
Junction Connector
G
(*6)
GR
(*6)
3
2
1
A114
Junction Connector
G
(*7)
1
+S
-S
2
A3
No. 1 Pressure Switch
W-B
(*7)
W-B
(*7)
A5
R
R (*1,*3)
G (*1,*3)
*1 :1GR-FE
*2 :2TR-FE
*3 :1GD-FTV
*4 :5L-E
*5 :Except 5L-E
*6 :Pressure Sensor Type
*7 :Pressure Switch Type

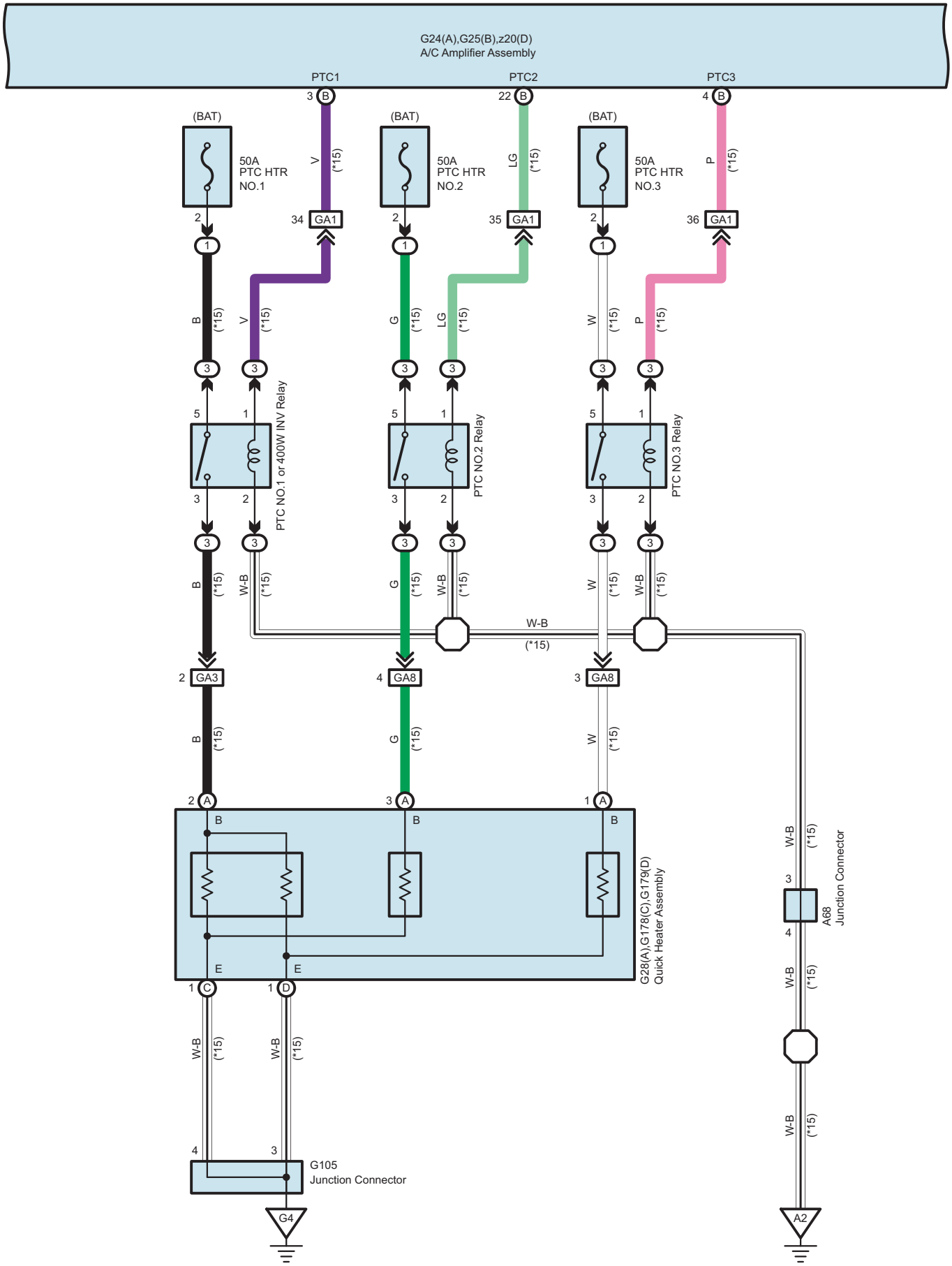

G24(A),G25(B),z20(D)
A/C Amplifier Assembly
LIN1
37 B
(IG)
10A
ECU-IG
NO.2
53 2O (*5)
39 2D (*4)
IG31
AC41
B43
1 C
24 C
11 C
G314(C)
Engine Stop and
Start ECU Assembly
(ACC)
7.5A
ACC
50 2O (*5)
17 2D (*4)
(BAT)
10A
ECU-B
2
1
P
L (*11)
G (*10)
P (*10)
L (*10)
P (*11)
A122(A),A118(B)
Junction Connector
7 B (*5)
7 A (*4)
9 A (*4)
9 B (*5)
37 GA1
19
21
G253
Junction
Connector
1
2
G269
Junction
Connector
19
20
G248
Junction Connector
21
20
G316
Junction Connector
1
3
G265
Junction Connector
12
14
G316
Junction Connector
19
22
G308
Junction
Connector
15
16
G265
Junction
Connector
5
6
1
IG+
ACC
+B
GND
LIN1
G23
Integration Control and
Panel Assembly
4
4
1
2
1
3
W-B
G251
Junction
Connector
G272
Junction
Connector
G106
Junction Connector
G5
*4 :5L-E
*5 :Except 5L-E
*8 :Automatic A/C
*9 :Manual A/C
*10 :w/ Stop and Start System
*11 :w/o Stop and Start System

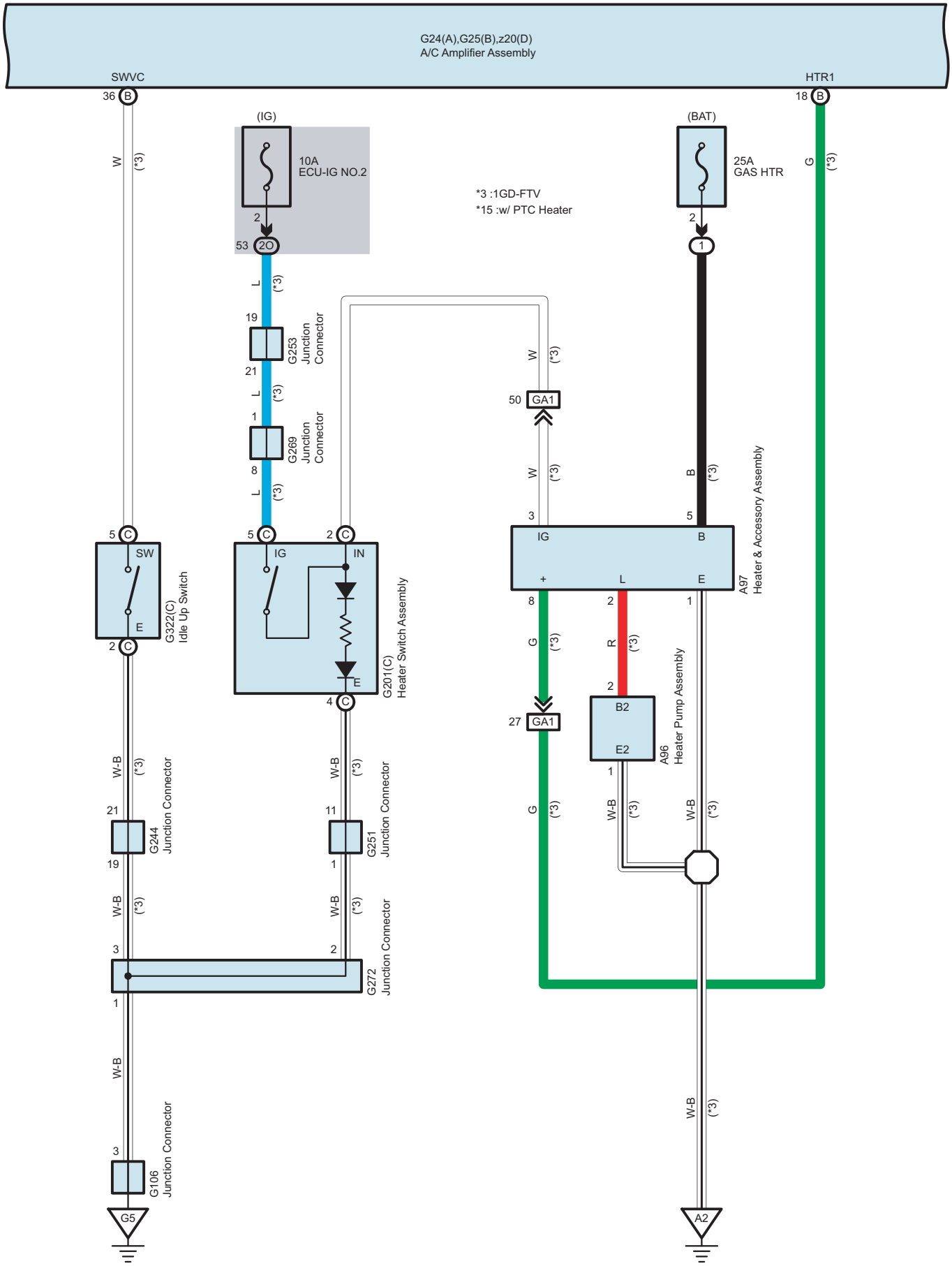

G24(A),G25(B),z20(D)
A/C Amplifier Assembly
SGA
TEA
BUS G
BUS
BUS B
5 D
6 D
2 D
3 D
4 D
Thermistor
Connector
Housing Color (Red)
Connector
Housing Color (Black)
Connector
Housing Color (Green)
Connector
Housing Color (Blue)
M
M
M
M
Damper Servo Motor
(Mode Control)
Damper Servo Motor
(Air Inlet)
Damper Servo Motor
(Air Mix RH) (*8)
Damper Servo Motor
(Air Mix) (*9)
Damper Servo Motor
(Air Mix LH) (*8)
z20(D)
A/C Blower Assembly

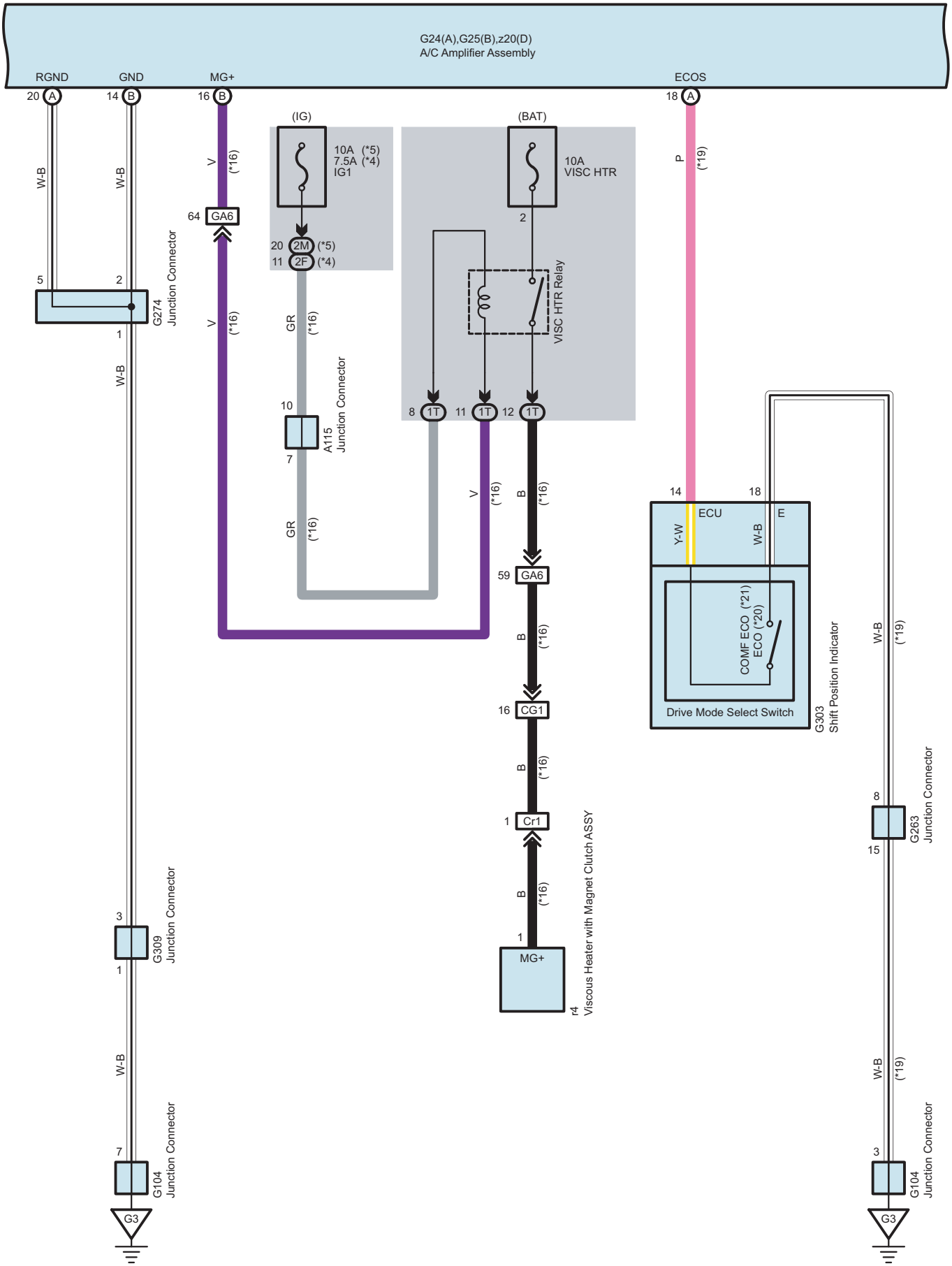

G24(A),G25(B),z20(D)
A/C Amplifier Assembly
SG-6
TR
TR
SG-1
BLW
RLIN
(BAT)
(IG)
7 A
17 A
29 B
34 B
23 B
13 A
R (*12)
B (*12)
GR (*5)
P (*5)
L
L (*12)
56 GQ1
57 GQ1
50A HTR
10A ECU-IG NO.2
53 2O (*5)
39 2D (*4)
Q19
Rear No. 1 Cooler Thermistor
G27
Intake Air Temperature Sensor
1 GA7
B
19
G253 Junction Connector
21
G269 Junction Connector
11 TG2
1 B (*13)
5 A (*14)
SI
+B
GND
G26
Front Blower with Fan Motor Sub-Assembly
IG
RLIN
E
T3(A),T7(B)
A/C Control Assembly
6 B
3 A
8 B (*13)
8 A (*14)
18 TG2
9 TG2
W-B (*12)
G251 Junction Connector
G272 Junction Connector
G106 Junction Connector
G5

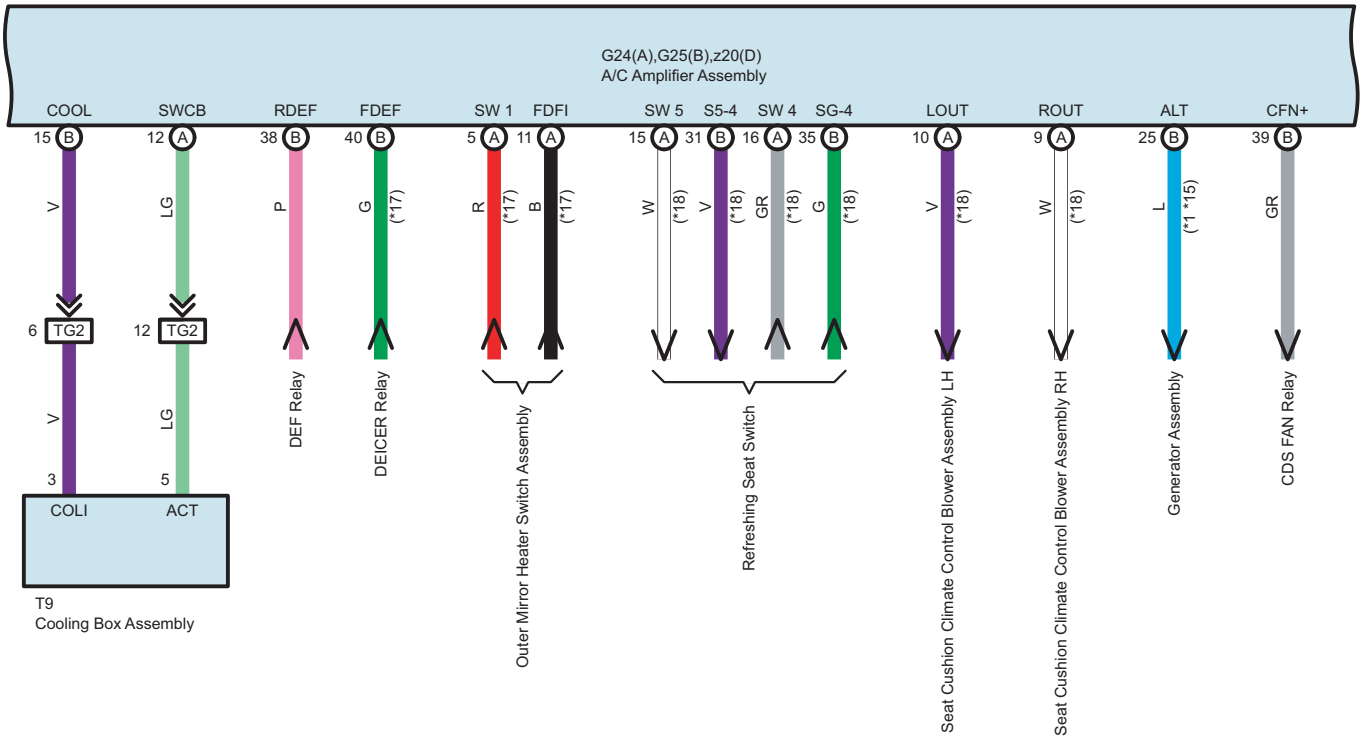


*4 :5L-E
*5 :Except 5L-E
*12 :w/ Rear A/C
*13 :w/ Seat Heater (Rear)
*14 :w/o Seat Heater (Rear)

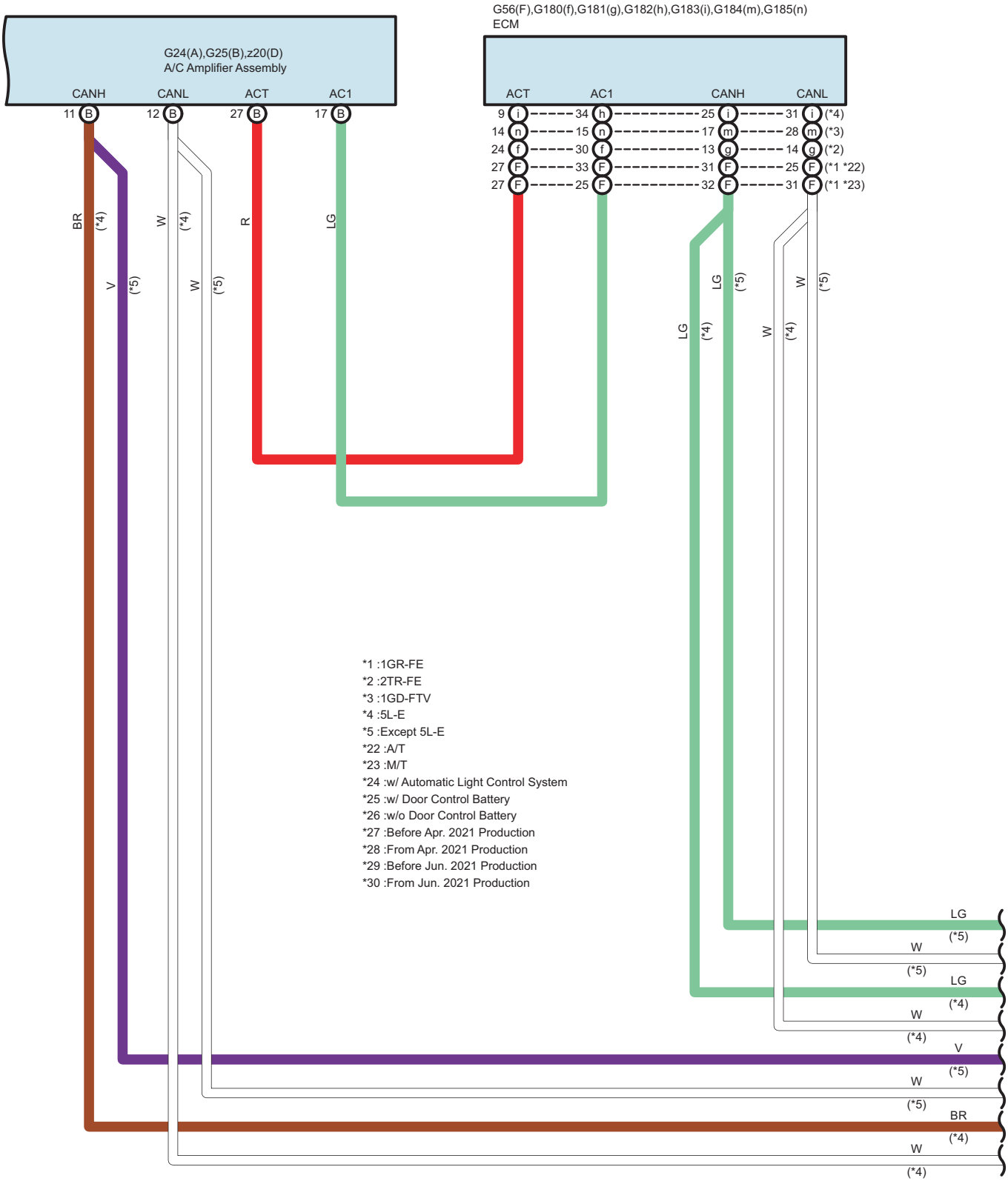

G24(A),G25(B),z20(D)
A/C Amplifier Assembly
PTC1
PTC2
PTC3
(BAT)
50A
PTC HTR
NO.1
50A
PTC HTR
NO.2
50A
PTC HTR
NO.3
PTC NO.1 or 400W INV Relay
PTC NO.2 Relay
PTC NO.3 Relay
GA1
GA3
GA8
W-B
(*15)
G28(A),G178(C),G179(D)
Quick Heater Assembly
A68
Junction Connector
G105
Junction Connector
G4
A2

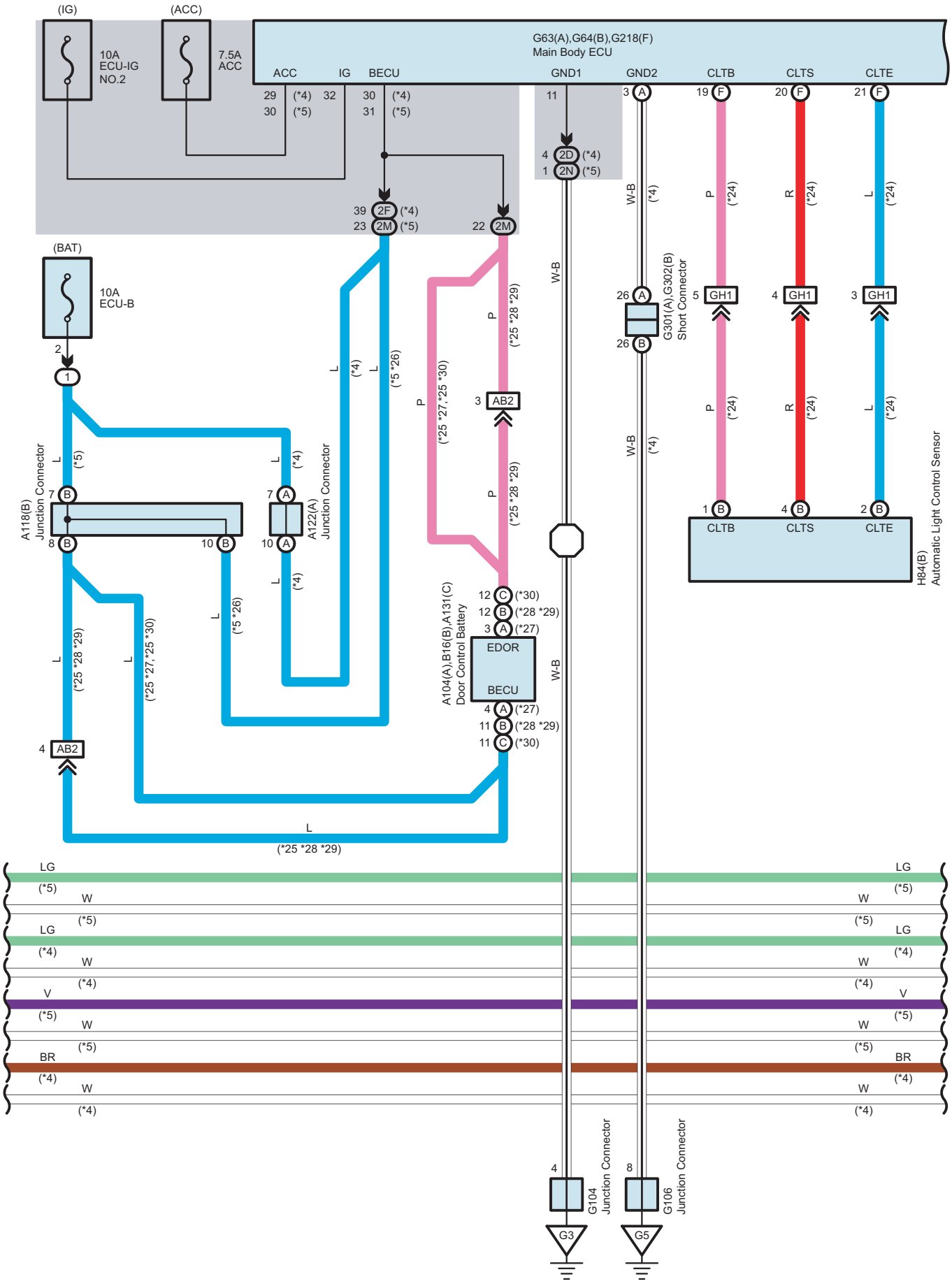

G24(A),G25(B),z20(D)
A/C Amplifier Assembly
SWVC
36 B
HTR1
18 B
(IG)
10A
ECU-IG NO.2
2
53 2O
(BAT)
25A
GAS HTR
2
1
*3 :1GD-FTV
*15 :w/ PTC Heater
W (*3)
G (*3)
L (*3)
19
G253
Junction
Connector
21
L (*3)
1
G269
Junction
Connector
8
L (*3)
W (*3)
50 GA1
W (*3)
B (*3)
3
5
IG
B
+
L
E
A97
Heater & Accessory Assembly
5 C
SW
E
2 C
G322(C)
Idle Up Switch
5 C
IG
2 C
IN
E
4 C
G201(C)
Heater Switch Assembly
8
2
1
G (*3)
R (*3)
2
27 GA1
B2
E2
A96
Heater Pump Assembly
1
W-B (*3)
W-B (*3)
G (*3)
W-B (*3)
21
19
G244
Junction Connector
11
1
G251
Junction Connector
3
2
G272
Junction Connector
1
W-B
3
G106
Junction Connector
G5
W-B (*3)
A2

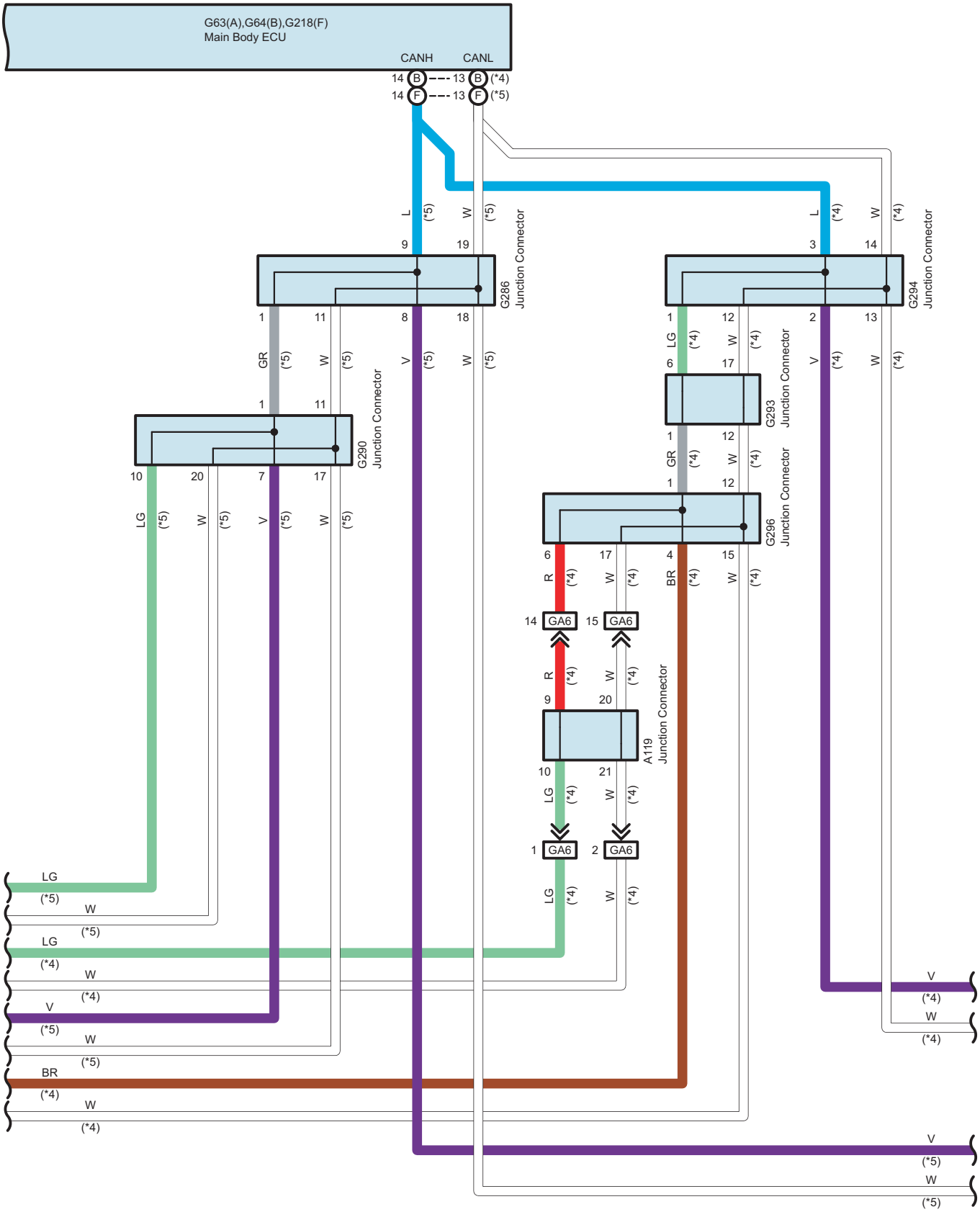

G24(A),G25(B),z20(D)
A/C Amplifier Assembly
RGND
GND
MG+
ECOS
20 A
14 B
16 B
18 A
W-B
W-B
V (*16)
P (*19)
64 GA6
5
2
1
G274 Junction Connector
V (*16)
(IG)
10A (*5)
7.5A (*4)
IG1
20 2M (*5)
11 2F (*4)
GR (*16)
10
7
A115 Junction Connector
GR (*16)
(BAT)
10A
VISC HTR
2
VISC HTR Relay
8 1T
11 1T
12 1T
V (*16)
B (*16)
59 GA6
B (*16)
16 CG1
B (*16)
1 Cr1
B (*16)
1
MG+
r4
Viscous Heater with Magnet Clutch ASSY
14
18
ECU
Y-W
W-B
E
COMF ECO (*21)
ECO (*20)
Drive Mode Select Switch
G303
Shift Position Indicator
W-B (*19)
8
15
G263 Junction Connector
3
1
G309 Junction Connector
W-B
7
G104 Junction Connector
G3
W-B (*19)
3
G104 Junction Connector
G3

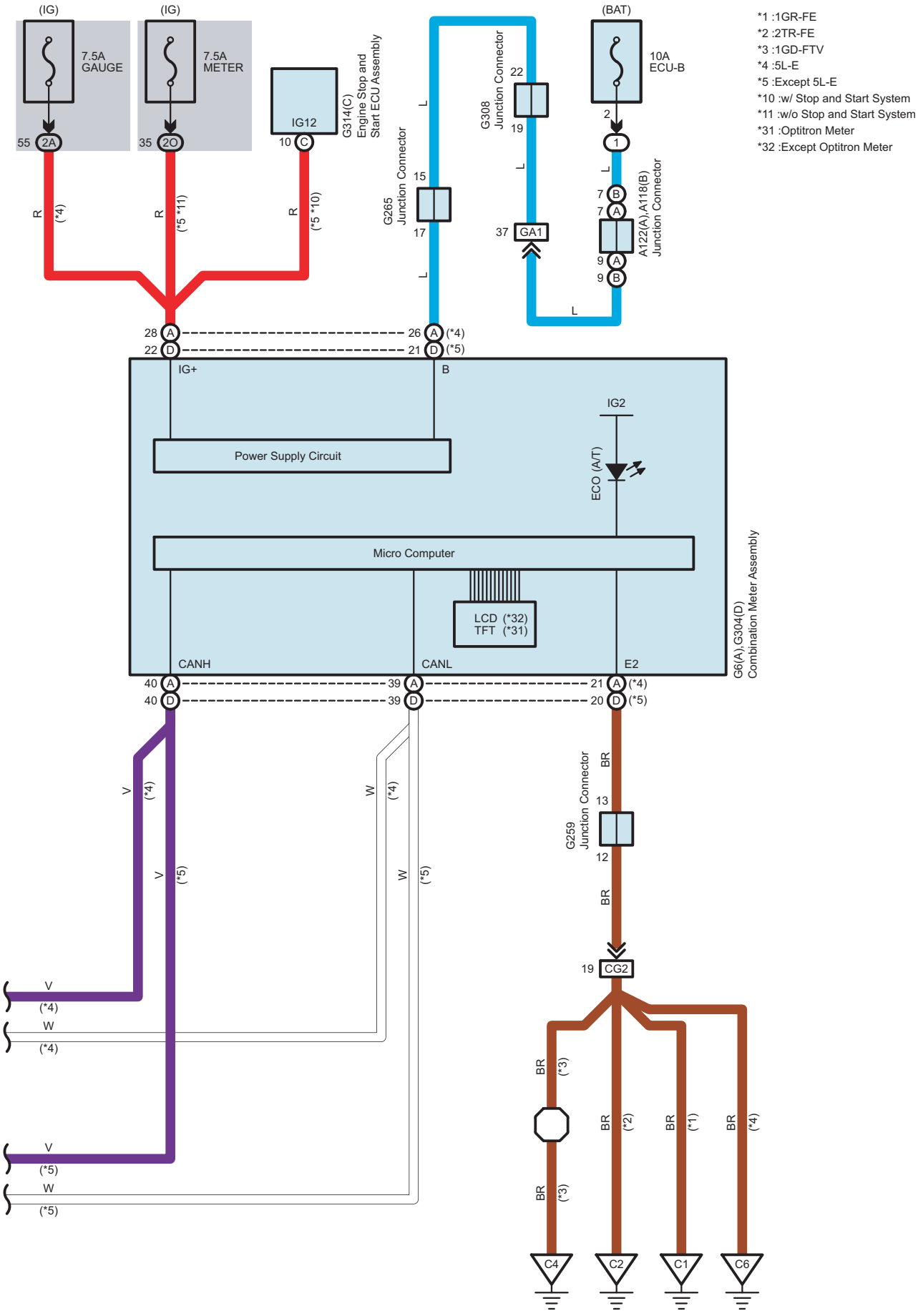


*1 :1GR-FE
*4 :5L-E
*5 :Except 5L-E
*15 :w/ PTC Heater
*16 :w/ Viscous Heater
*17 :w/ Front Window Deicer
*18 :w/ Climate Control Seat
*19 :w/ Drive Mode Select Switch
*20 :3 Mode Type
*21 :5 Mode Type


G24(A),G25(B),z20(D)
A/C Amplifier Assembly
CANH
CANL
ACT
AC1
11 B
12 B
27 B
17 B
G56(F),G180(f),G181(g),G182(h),G183(i),G184(m),G185(n)
ECM
ACT
AC1
CANH
CANL
9 i
34 h
25 i
31 i (*4)
14 n
15 n
17 m
28 m (*3)
24 f
30 f
13 g
14 g (*2)
27 F
33 F
31 F
25 F (*1 *22)
27 F
25 F
32 F
31 F (*1 *23)
BR
(*4)
V
(*5)
W
(*4)
W
(*5)
R
LG
LG
(*4)
LG
(*5)
W
(*4)
W
(*5)
*1 :1GR-FE
*2 :2TR-FE
*3 :1GD-FTV
*4 :5L-E
*5 :Except 5L-E
*22 :A/T
*23 :M/T
*24 :w/ Automatic Light Control System
*25 :w/ Door Control Battery
*26 :w/o Door Control Battery
*27 :Before Apr. 2021 Production
*28 :From Apr. 2021 Production
*29 :Before Jun. 2021 Production
*30 :From Jun. 2021 Production
LG
(*5)
W
(*5)
LG
(*4)
W
(*4)
V
(*5)
W
(*5)
BR
(*4)
W
(*4)


(IG)
(ACC)
10A
ECU-IG
NO.2
7.5A
ACC
G63(A),G64(B),G218(F)
Main Body ECU
ACC
IG
BECU
GND1
GND2
CLTB
CLTS
CLTE
(BAT)
10A
ECU-B
A118(B)
Junction Connector
A122(A)
Junction Connector
A104(A),B16(B),A131(C)
Door Control Battery
EDOR
BECU
G301(A),G302(B)
Short Connector
H84(B)
Automatic Light Control Sensor
G104
Junction Connector
G106
Junction Connector
G3
G5
LG
W
V
BR
L
P
R
W-B


G63(A),G64(B),G218(F)
Main Body ECU
CANH
CANL
14 B
13 B
(*4)
14 F
13 F
(*5)
G286 Junction Connector
G290 Junction Connector
G293 Junction Connector
G294 Junction Connector
G296 Junction Connector
A119 Junction Connector
GA6
L
W
GR
V
LG
R
BR
(*4)
(*5)

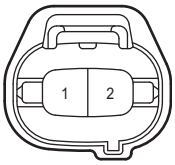

(IG)
(IG)
(BAT)
7.5A GAUGE
7.5A METER
10A ECU-B
55 2A
35 2O
IG12
10 C
G314(C) Engine Stop and Start ECU Assembly
G265 Junction Connector
G308 Junction Connector
A122(A),A118(B) Junction Connector
37 GA1
28 A
22 D
26 A (*4)
21 D (*5)
IG+
B
Power Supply Circuit
IG2
ECO (A/T)
Micro Computer
LCD (*32)
TFT (*31)
CANH
CANL
E2
40 A
40 D
39 A
39 D
21 A (*4)
20 D (*5)
G6(A),G304(D) Combination Meter Assembly
G259 Junction Connector
19 CG2
C4
C2
C1
C6
*1 :1GR-FE
*2 :2TR-FE
*3 :1GD-FTV
*4 :5L-E
*5 :Except 5L-E
*10 :w/ Stop and Start System
*11 :w/o Stop and Start System
*31 :Optitron Meter
*32 :Except Optitron Meter

A2
Black



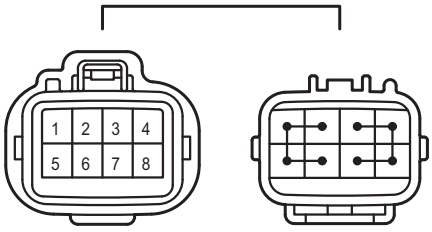
90980-10845

A3
Gray



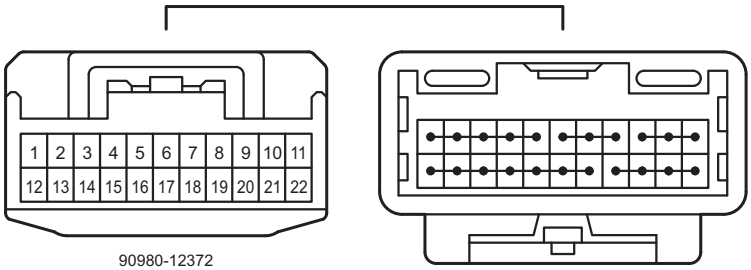
90980-11149

A68
Dark Gray



90980-10891

A69
White



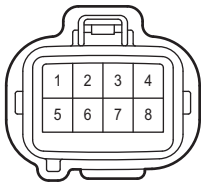
90980-12372

A96
Black



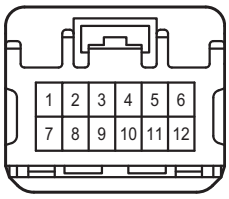
90980-11029

A97
Black



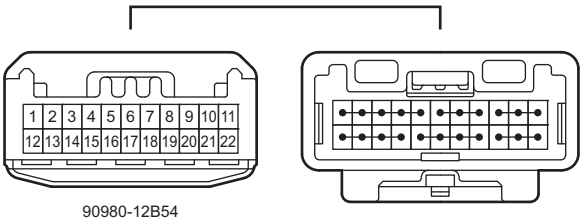
90980-10897

A104
Gray



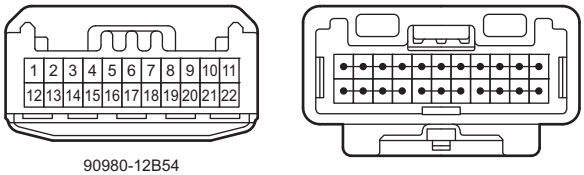
90980-12737

A114
Blue



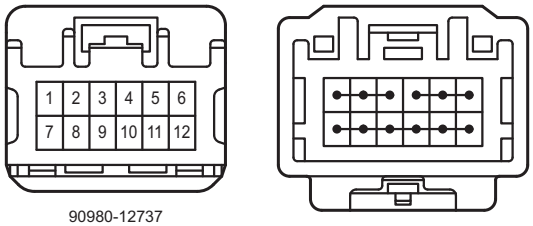
90980-12B54

A115
Gray



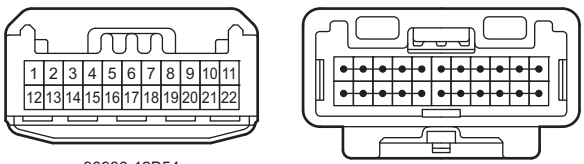
90980-12B54

A118
Gray



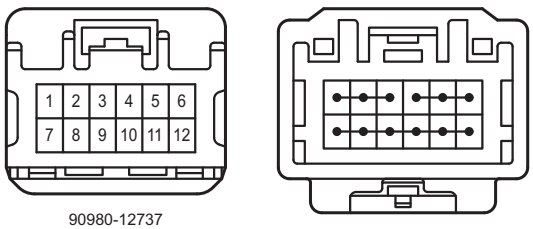
90980-12737

A119
Black



90980-12B54

A122
Black



90980-12737

A124
Black



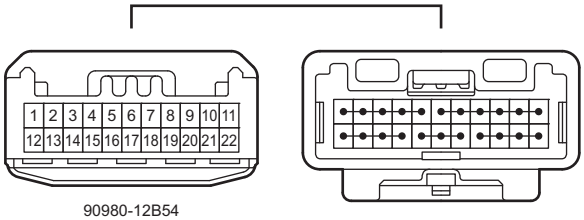
90980-12416

A125
White



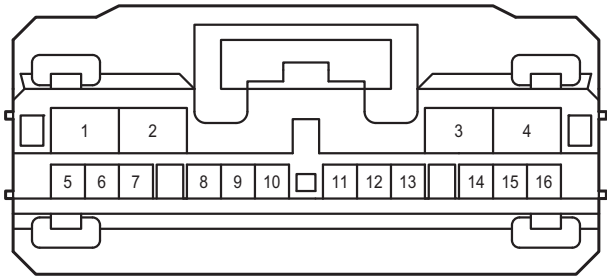
90980-11608

A126
White



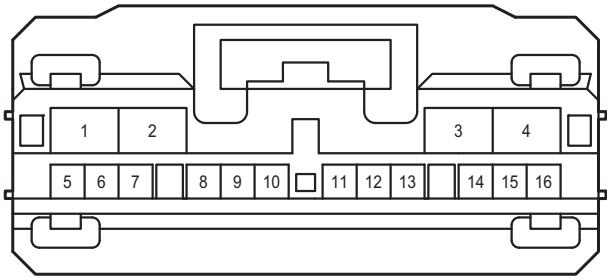
90980-12B54

A131
White



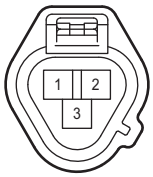
90980-12763

B16
White



90980-12763

C39
Gray



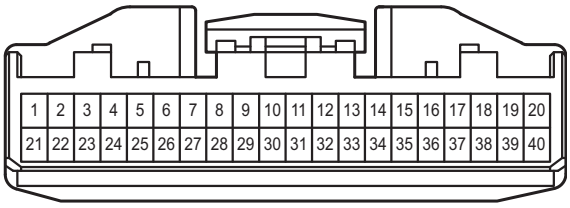
90980-11016

C113
Gray



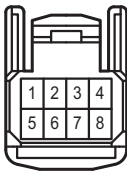
90980-11271

G6
Black



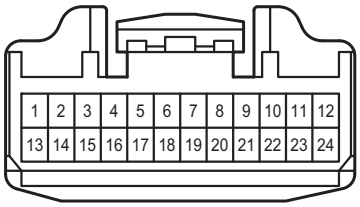
90980-12557

G23
Black



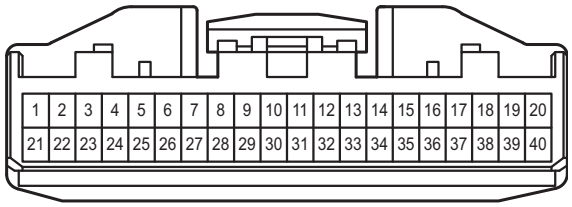
90980-12551

G24
White



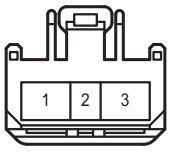
90980-12554

G25
White



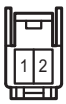
90980-12557

G26
Black



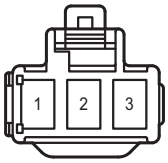
90980-11667

G27
Black



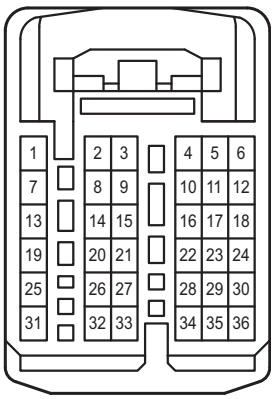
90980-11918

G28
White



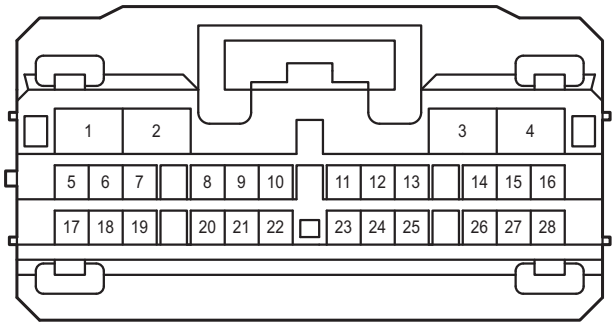
90980-10956

G56
White



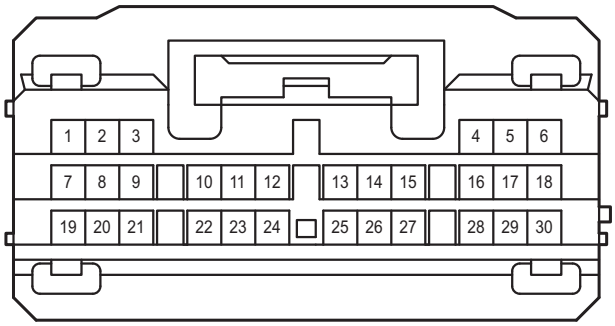
82824-26120

G63
White



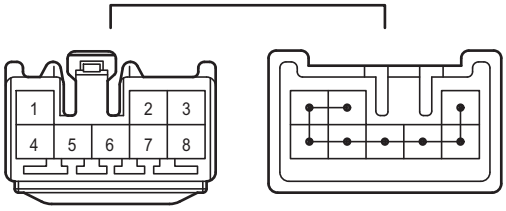
90980-12793

G64
White



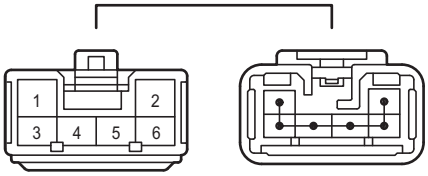
90980-12753

G104
White (Before Aug. 2017 Production) / Gray (From Aug. 2017 Production)



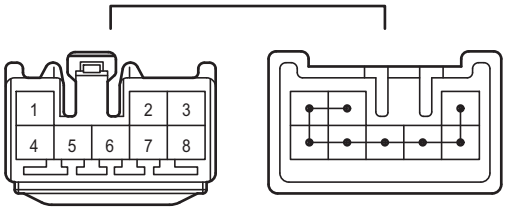
90980-11686

G105
White



90980-10976

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



90980-11686

G178
Gray



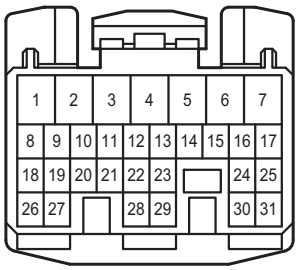
90980-10995

G179
White



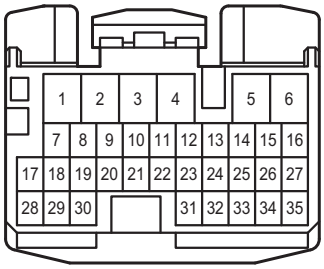
90980-10995

G180
White



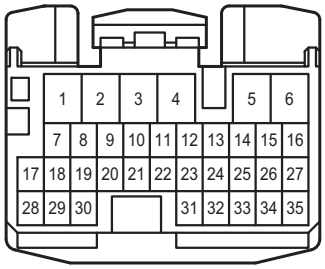
90980-12525

G181
White



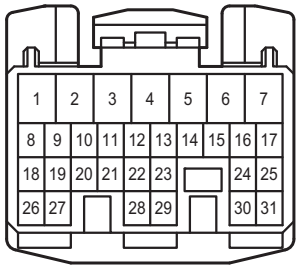
90980-12529

G182
White



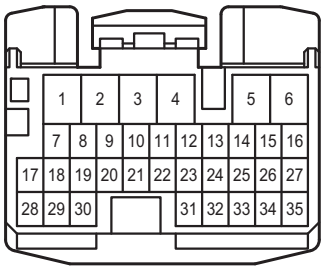
90980-12529

G183
White



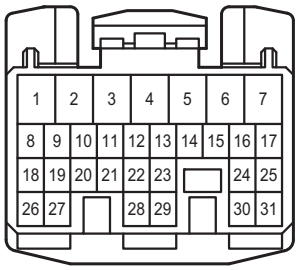
90980-12525

G184
White



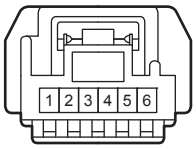
90980-12529

G185
White



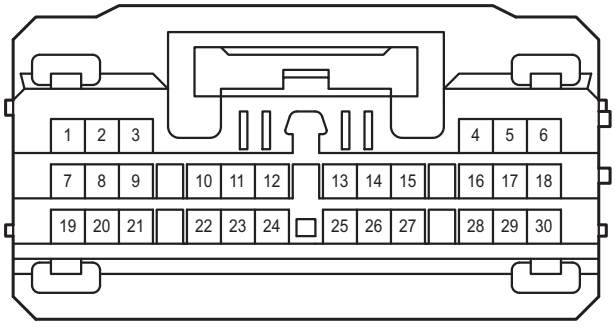
90980-12525

G201
Gray



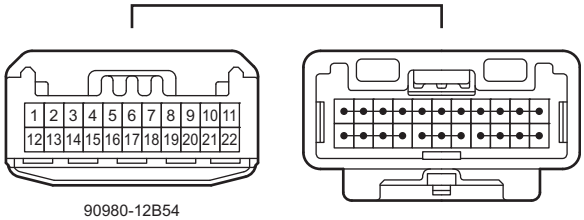
90980-12C76

G218
White



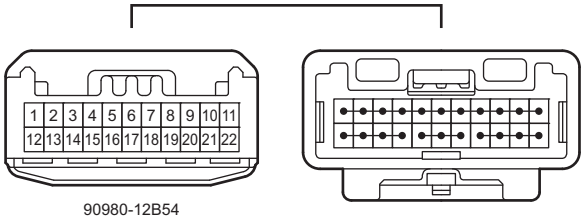
90980-12909

G244
White



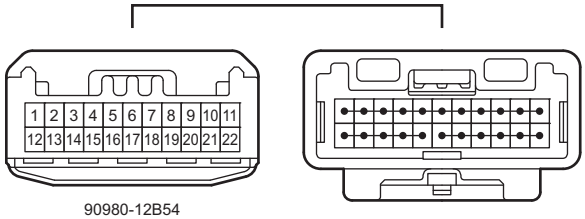
90980-12B54

G248
White



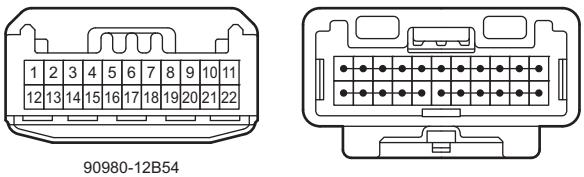
90980-12B54

G251
Blue



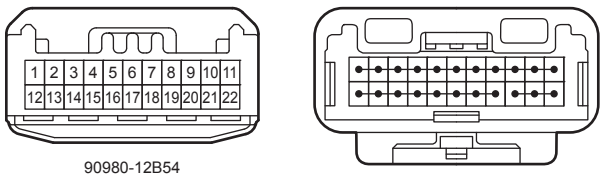
90980-12B54

G253
White



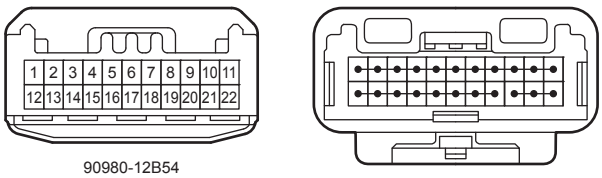
90980-12B54

G259
Blue



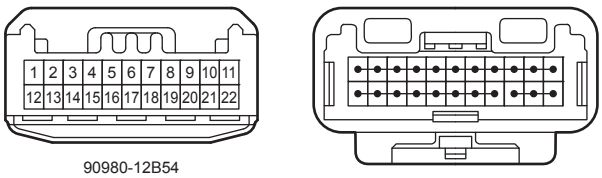
90980-12B54

G263
Blue



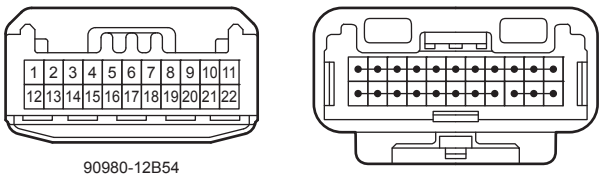
90980-12B54

G265
White



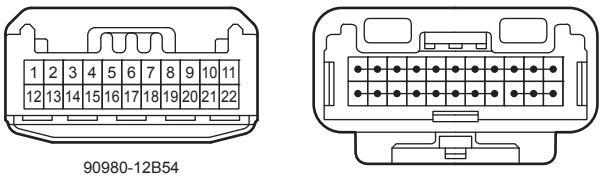
90980-12B54

G269
White



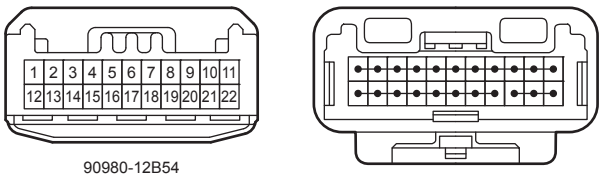
90980-12B54

G272
Gray



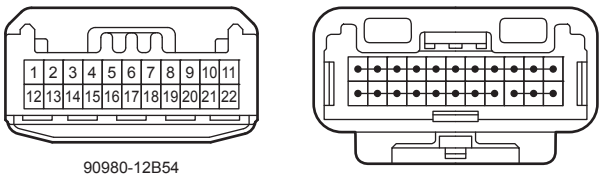
90980-12B54

G274
Blue



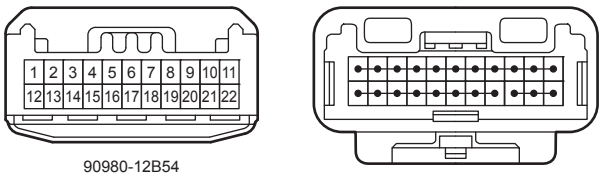
90980-12B54

G276
White



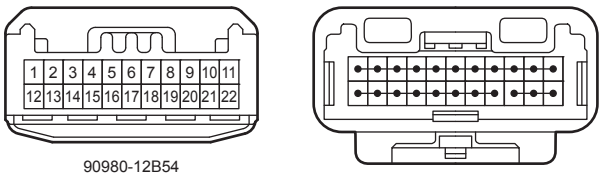
90980-12B54

G278
Gray



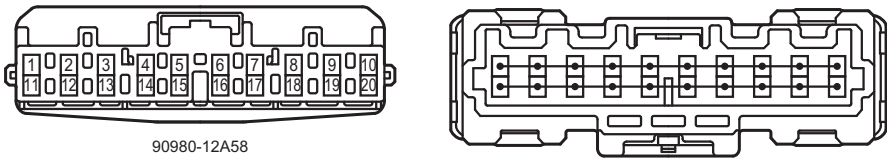
90980-12B54

G281
White



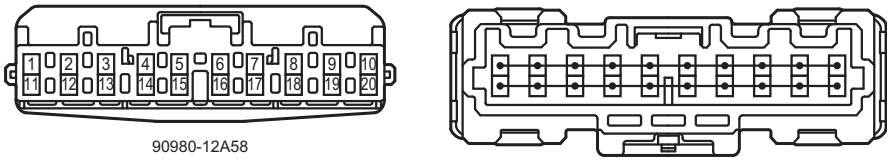
90980-12B54

G286
White



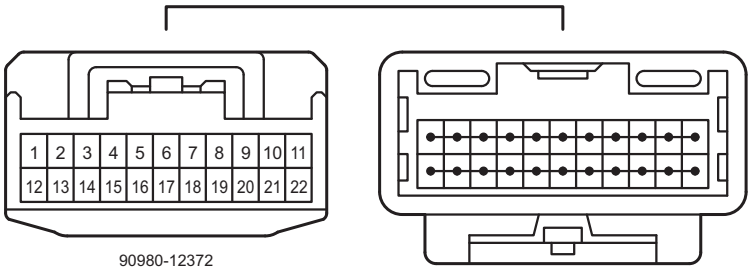
90980-12A58

G290
White



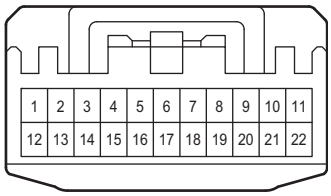
90980-12A58

G293
Gray



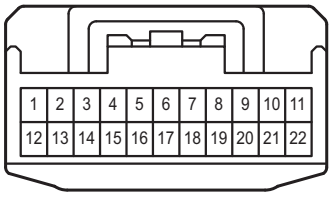
90980-12372

G294
White



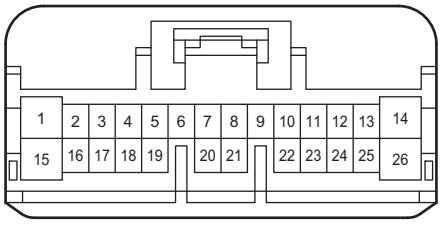
82824-30420

G296
White



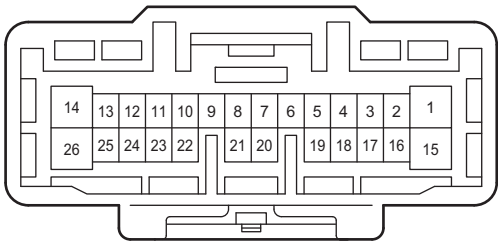
90980-12372

G301
White



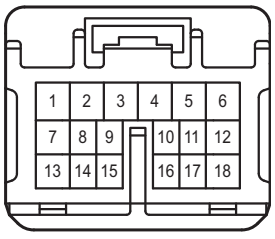
90980-12771

G302
White



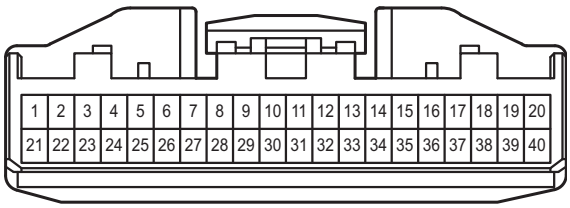
90980-12770

G303
White



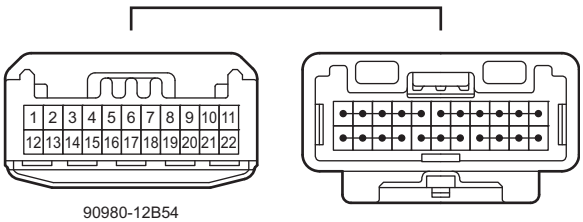
90980-12745

G304
White



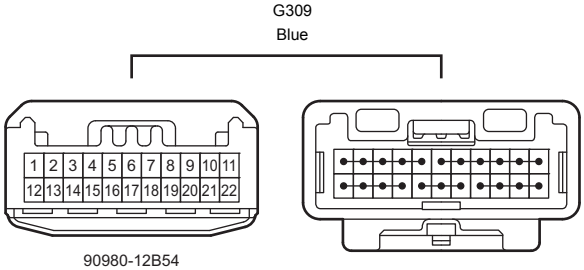
90980-12557

G308
Blue



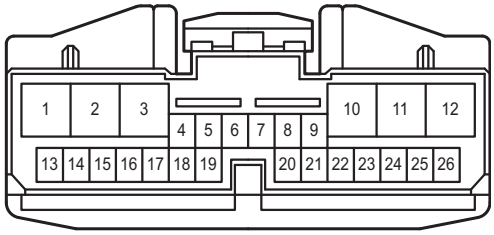
90980-12B54

G309
Blue



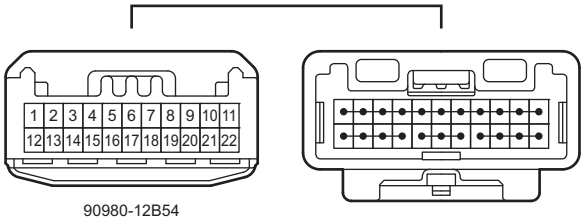
90980-12B54

G314
White



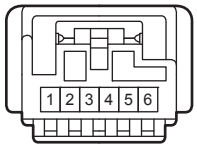
82824-12510

G316
White



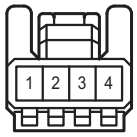
90980-12B54

G322
White



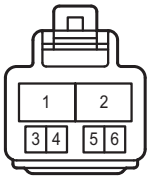
90980-12C78

H84
White



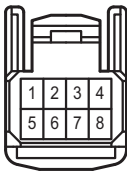
82824-50130

Q12
Black



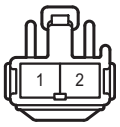
90980-10910

Q13
White



90980-12551

Q14
Black



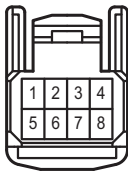
90980-10916

Q19
Black



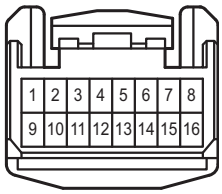
90980-11918

T3
Black



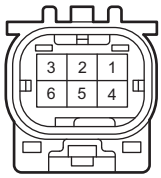
90980-12551

T7
Black



90980-12553

T9
Gray



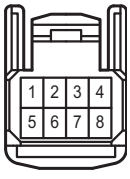
90980-12A80

r4
Gray



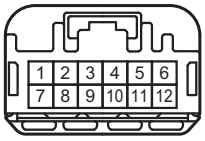
90980-11271

z20
White



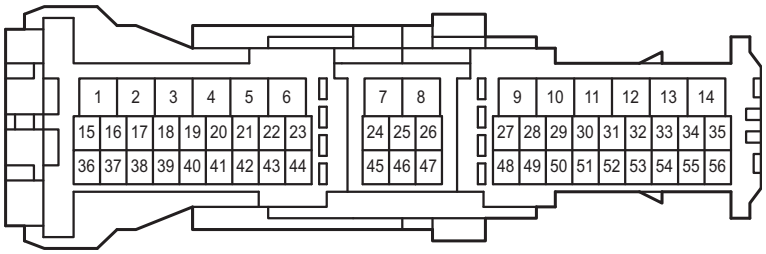
90980-12551

1T
White



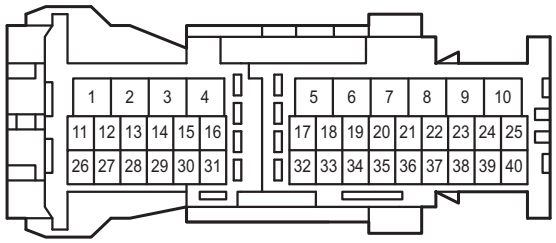
90980-12A56

2A
White



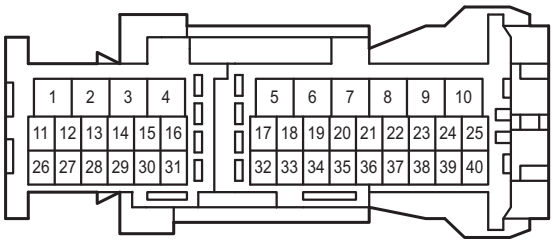
90980-12822

2D
White



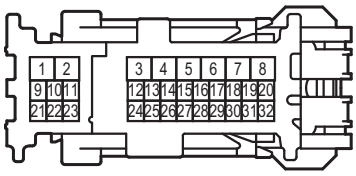
90980-12818

2F
White



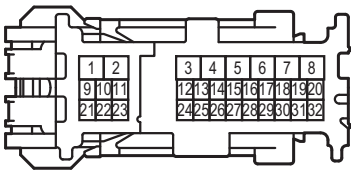
90980-12794

2M
White



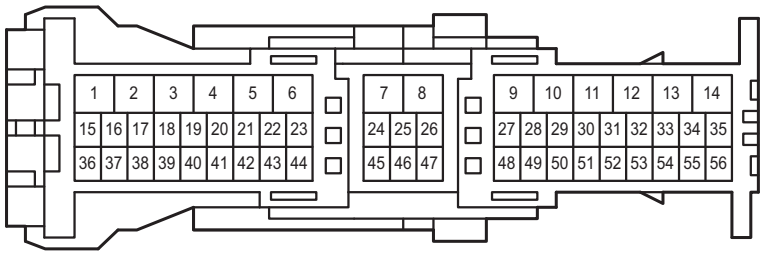
90980-12A47

2N
White



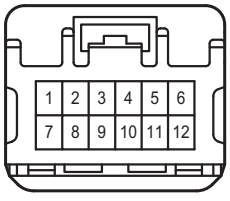
90980-12A48

2O
White

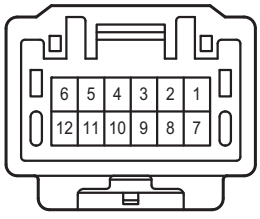


90980-12943

AB2
Gray

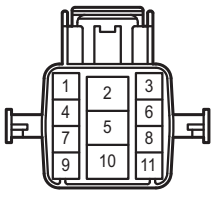


90980-12737

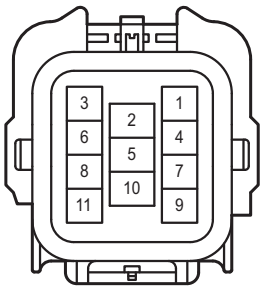


90980-12736

AC1
Black



90980-11612



90980-11609

AC2
Dark Gray

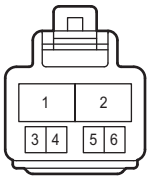


90980-11242

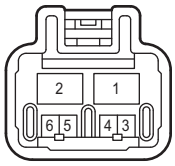


90980-11241

AQ1
White

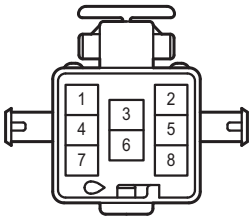


90980-10910

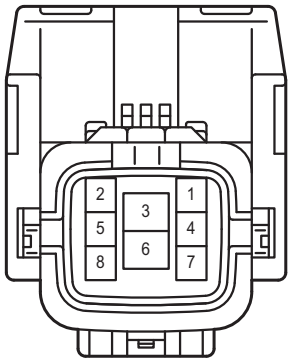


90980-10909

CA1
Black

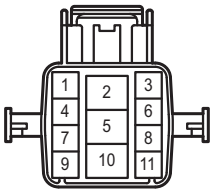


90980-11461

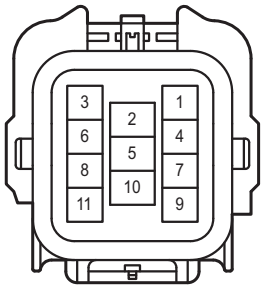


90980-11460

CA2
Black

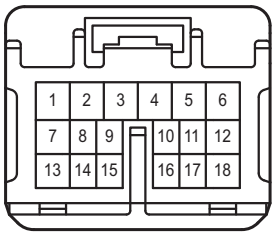


90980-11612

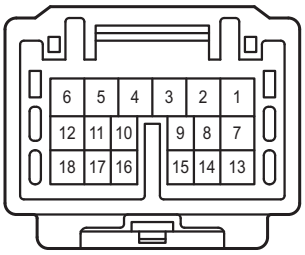


90980-11609

CG1
White

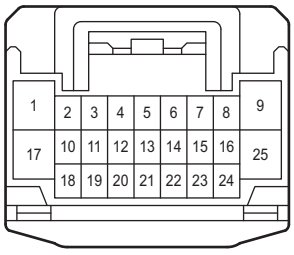


90980-12745

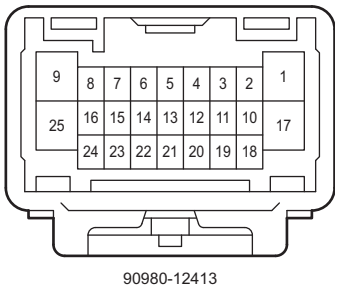


90980-12744

CG2
White



90980-12414



90980-12413

Cr1
Black

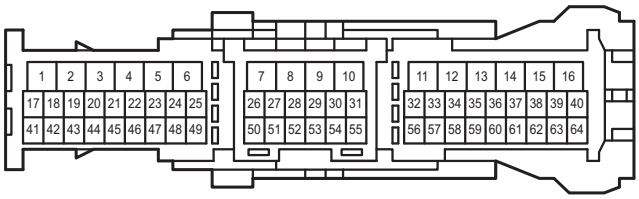


90980-10893

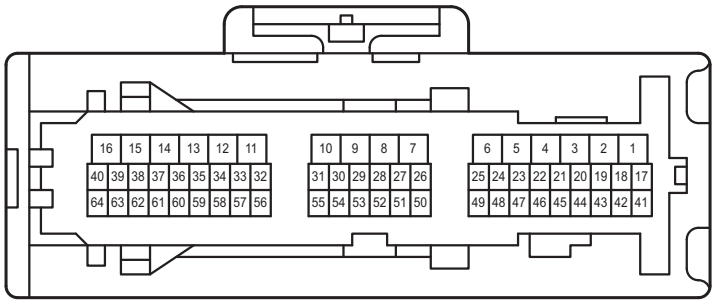


90980-10982

GA1
White

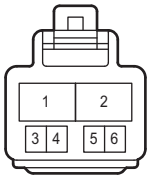


90980-12774

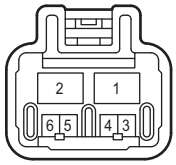


90980-12798

GA3
Black

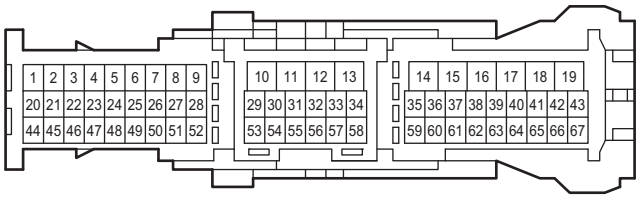


90980-10910

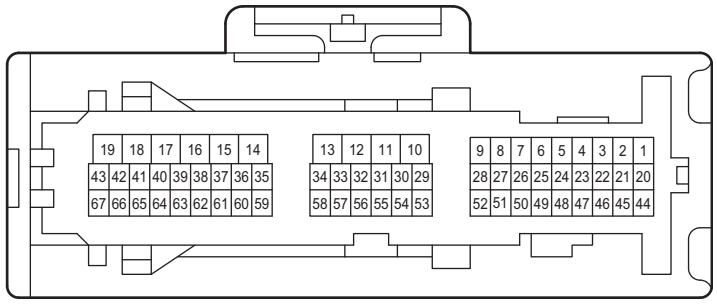


90980-10909

GA6
White

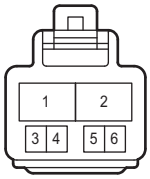


90980-12783

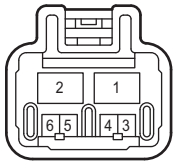


90980-12800

GA7
Black

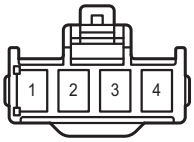


90980-10910

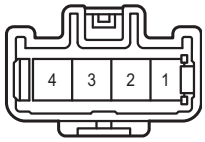


90980-10909

GA8
White

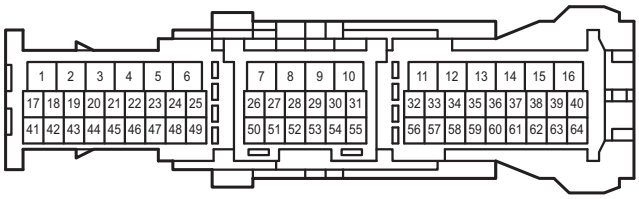


90980-10867

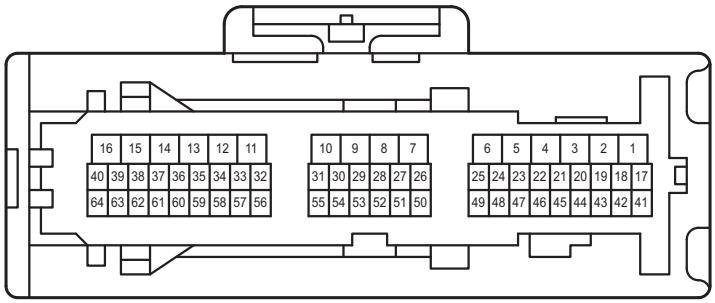


90980-10866

GH1
White

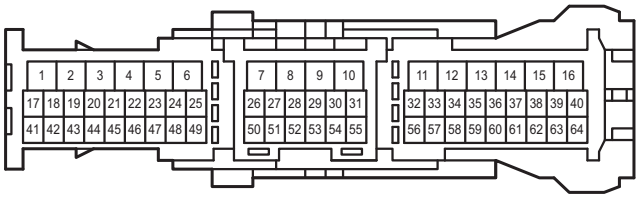


90980-12774

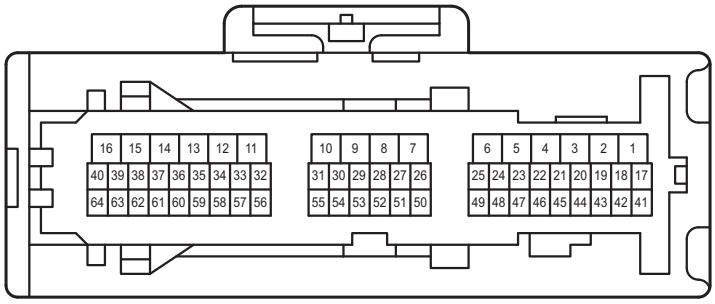


90980-12798

GQ1
White

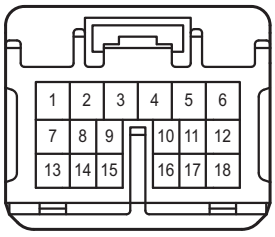


90980-12774

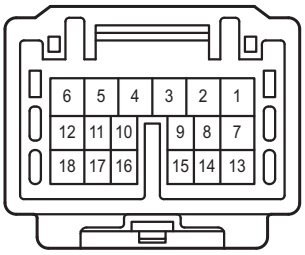


90980-12798

TG2
White



90980-12745



90980-12744