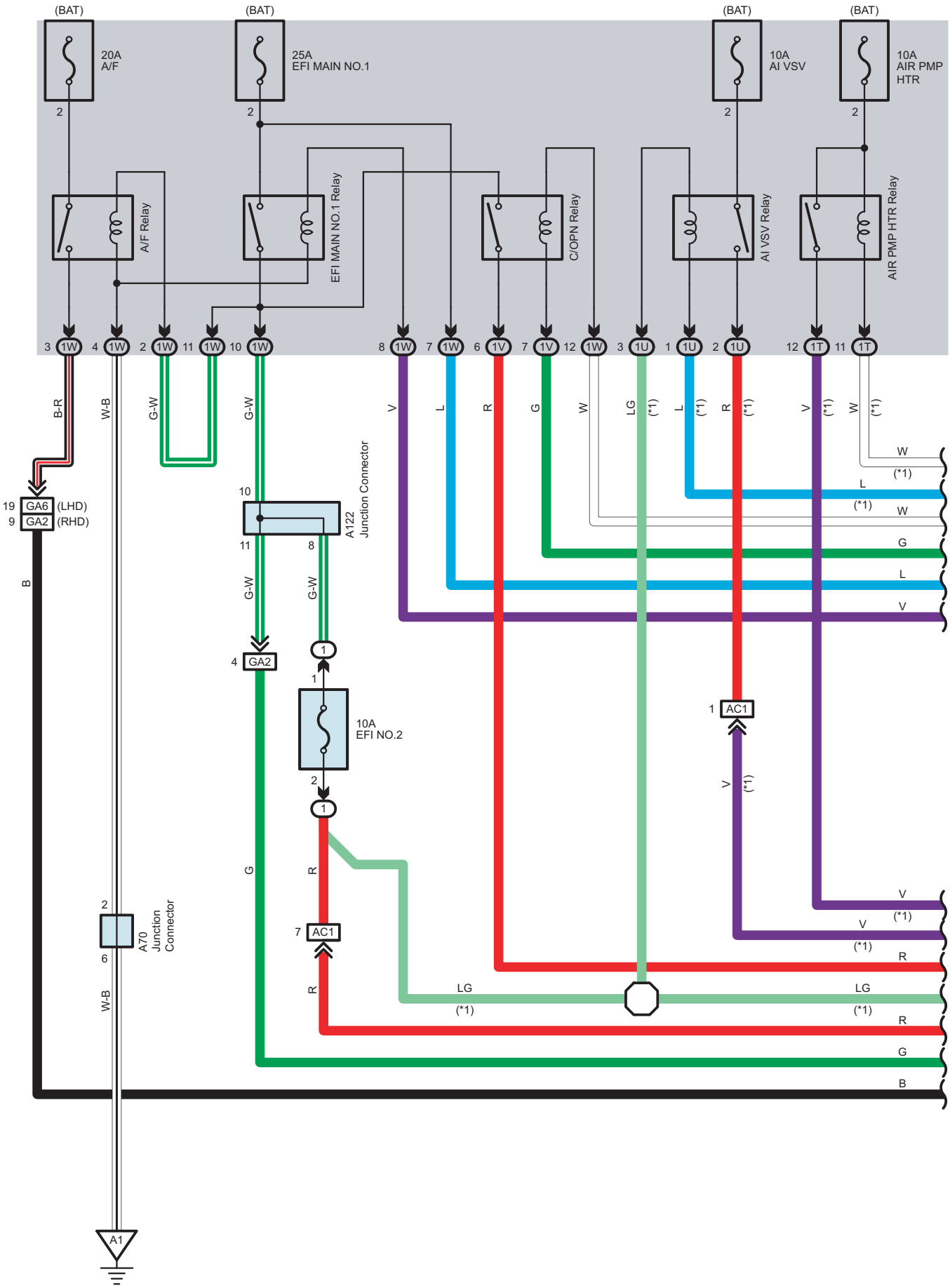
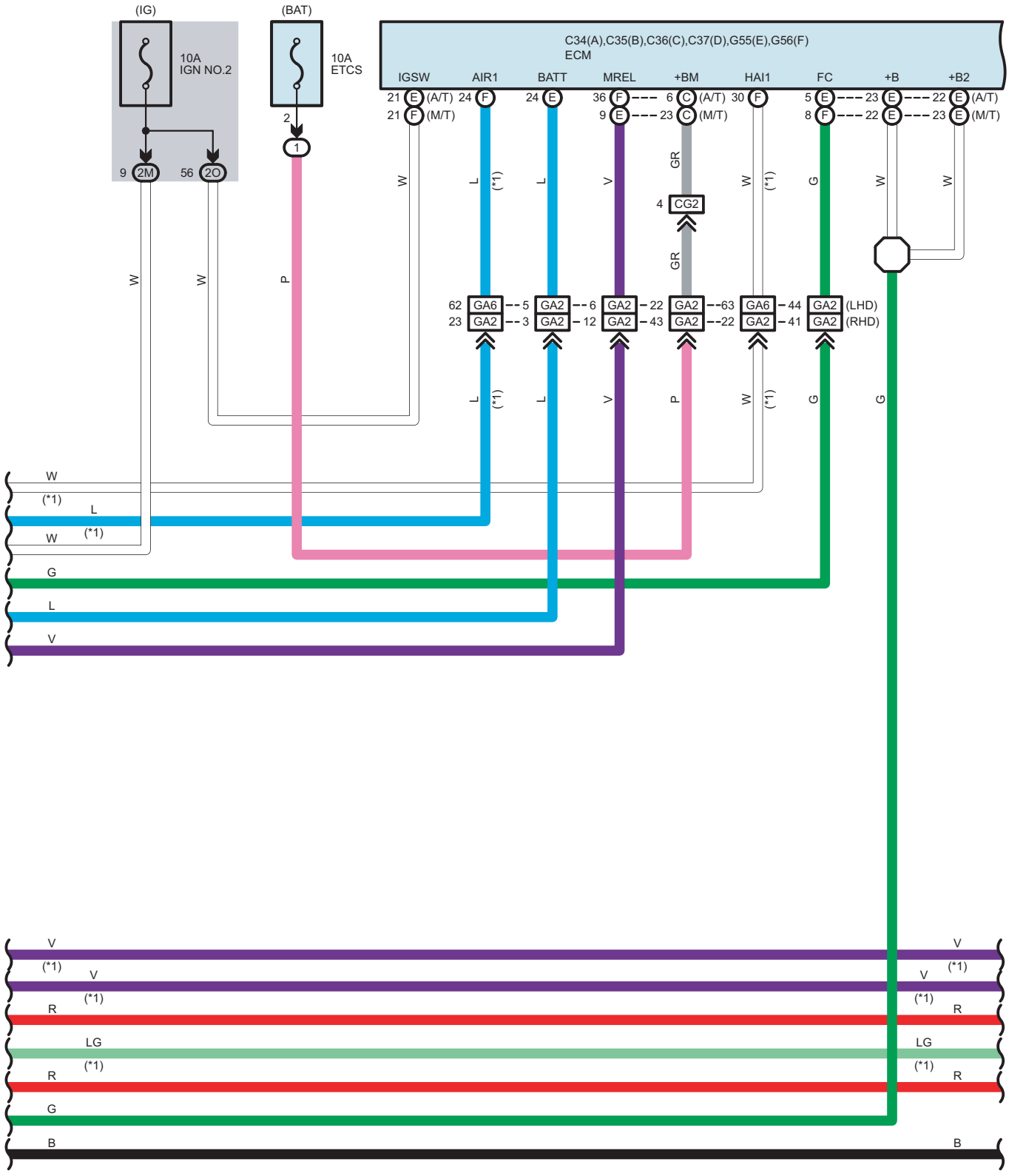
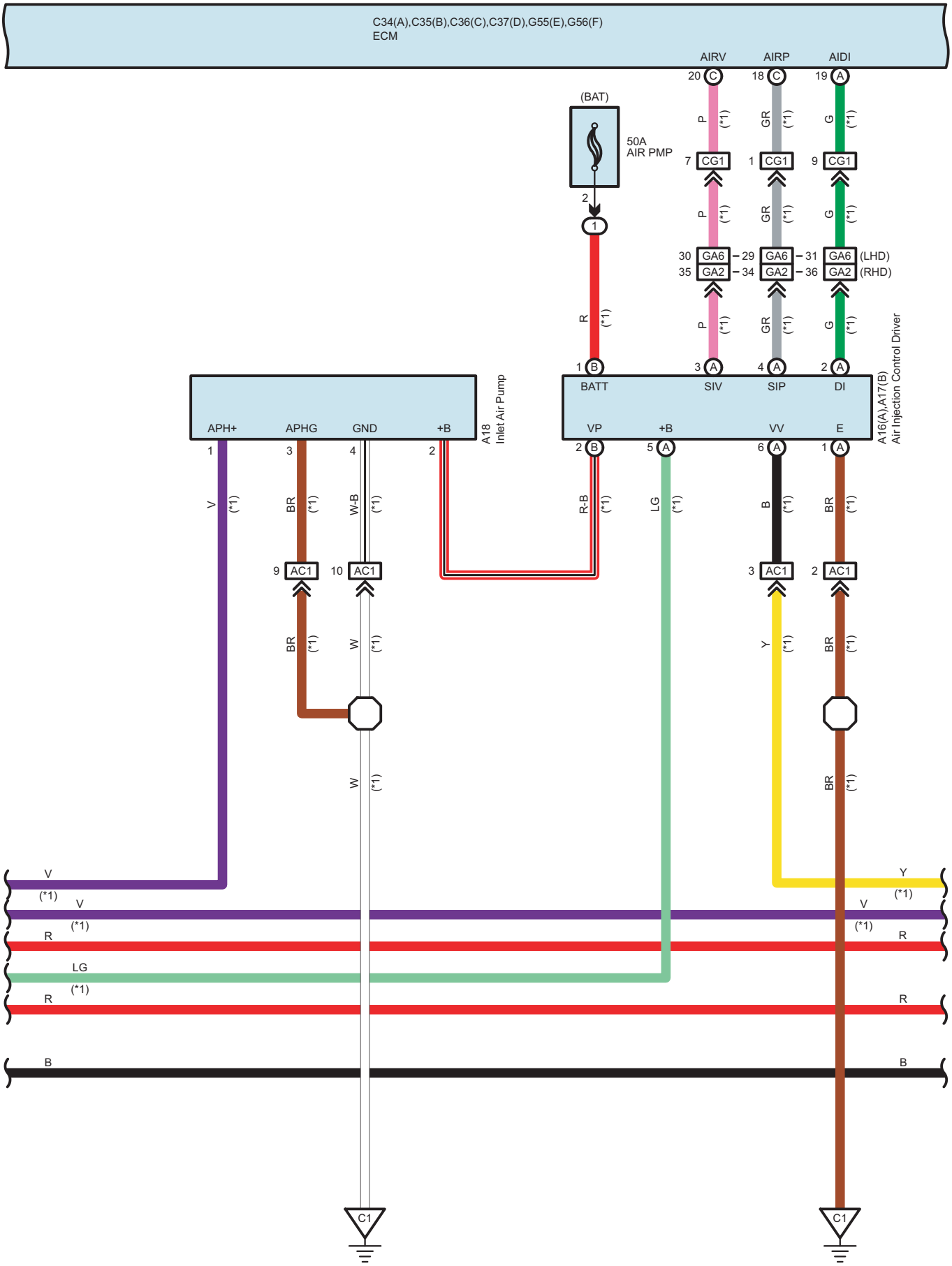
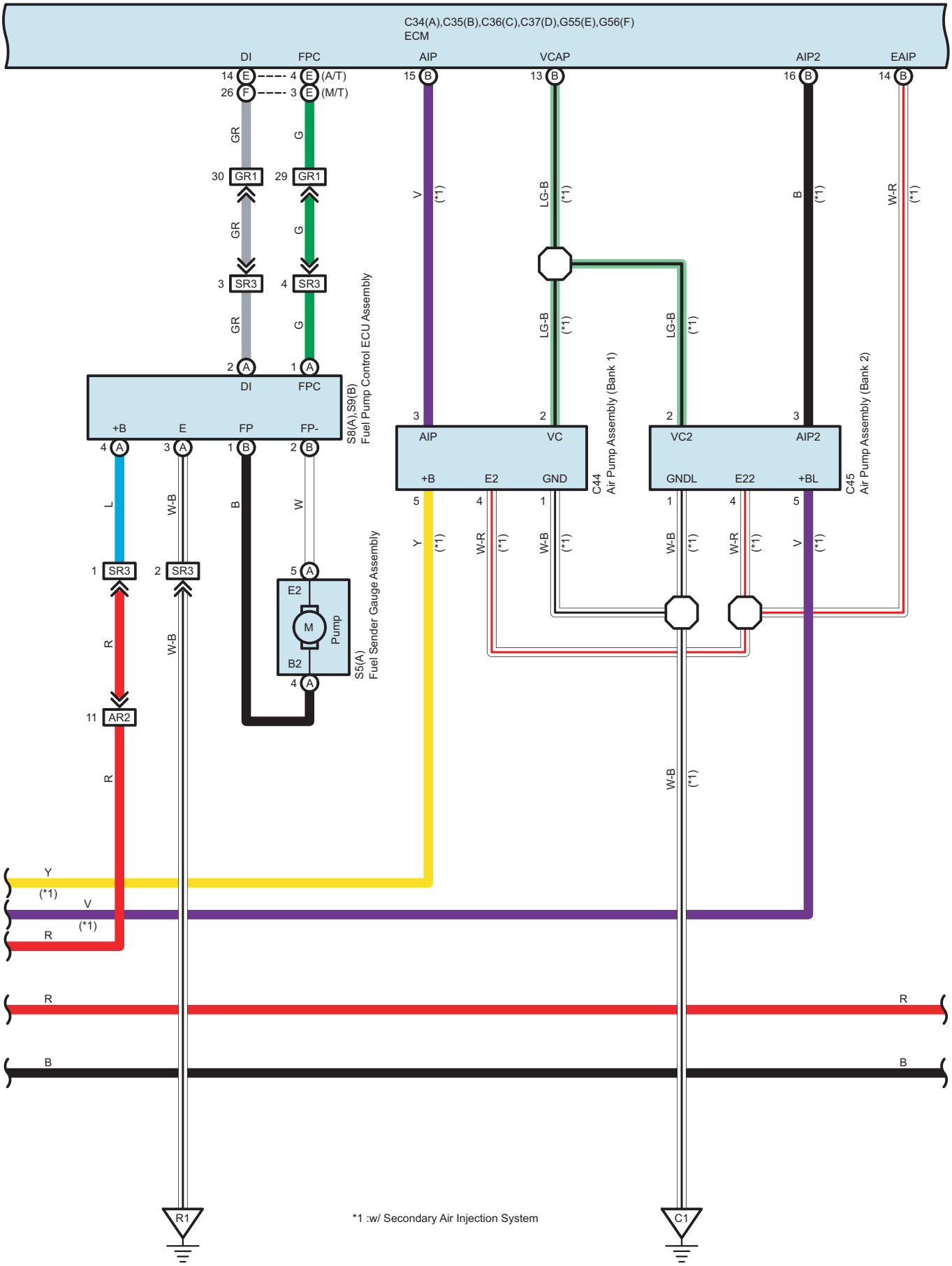
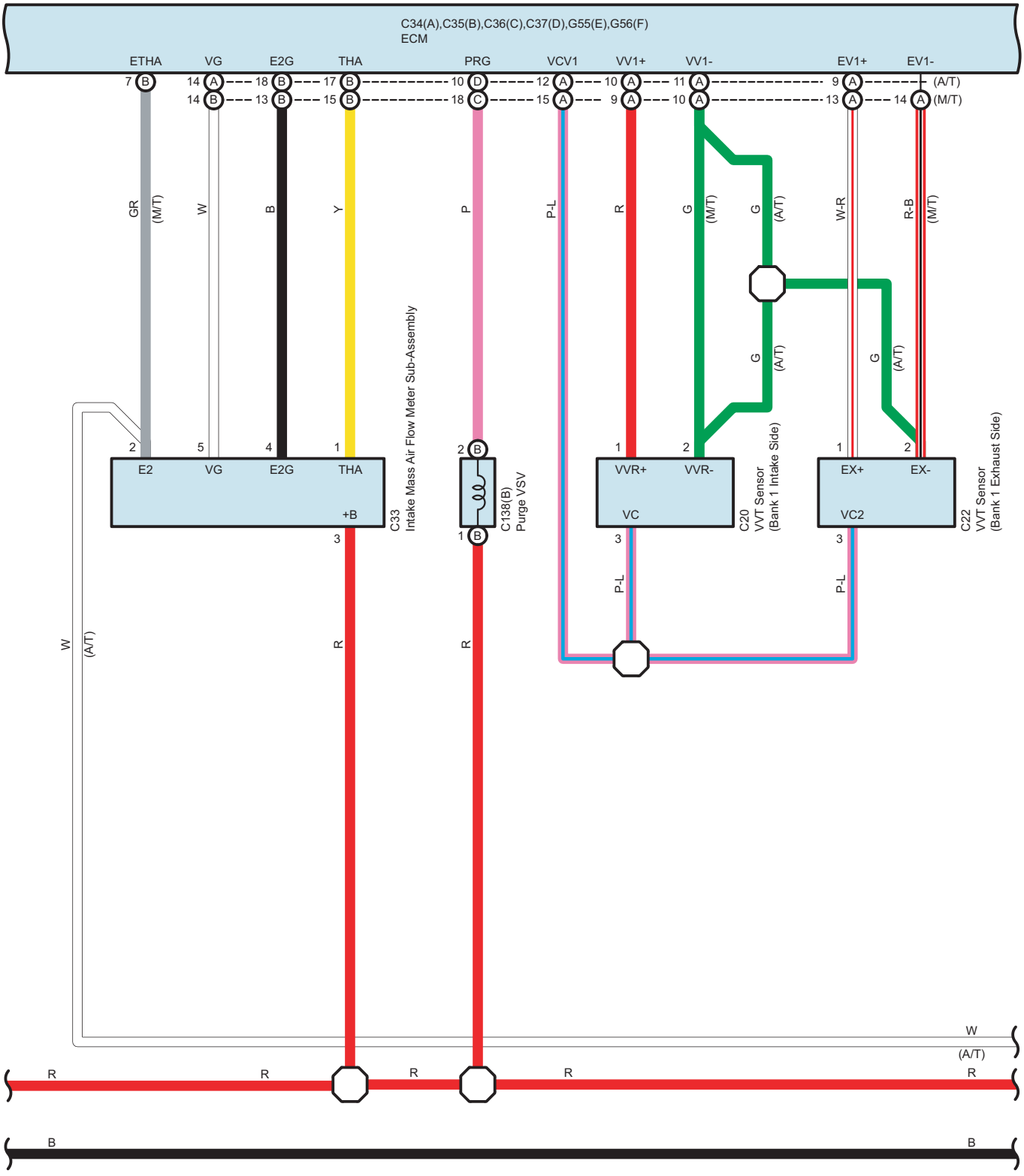

(BAT)
20A
A/F
25A
EFI MAIN NO.1
10A
AI VSV
10A
AIR PMP
HTR
A/F Relay
EFI MAIN NO.1 Relay
C/OPN Relay
AI VSV Relay
AIR PMP HTR Relay
GA6 (LHD)
GA2 (RHD)
A122
Junction Connector
GA2
10A
EFI NO.2
AC1
A70
Junction
Connector
A1
B-R
W-B
G-W
B
G
R
LG
L
V
W
(*1)

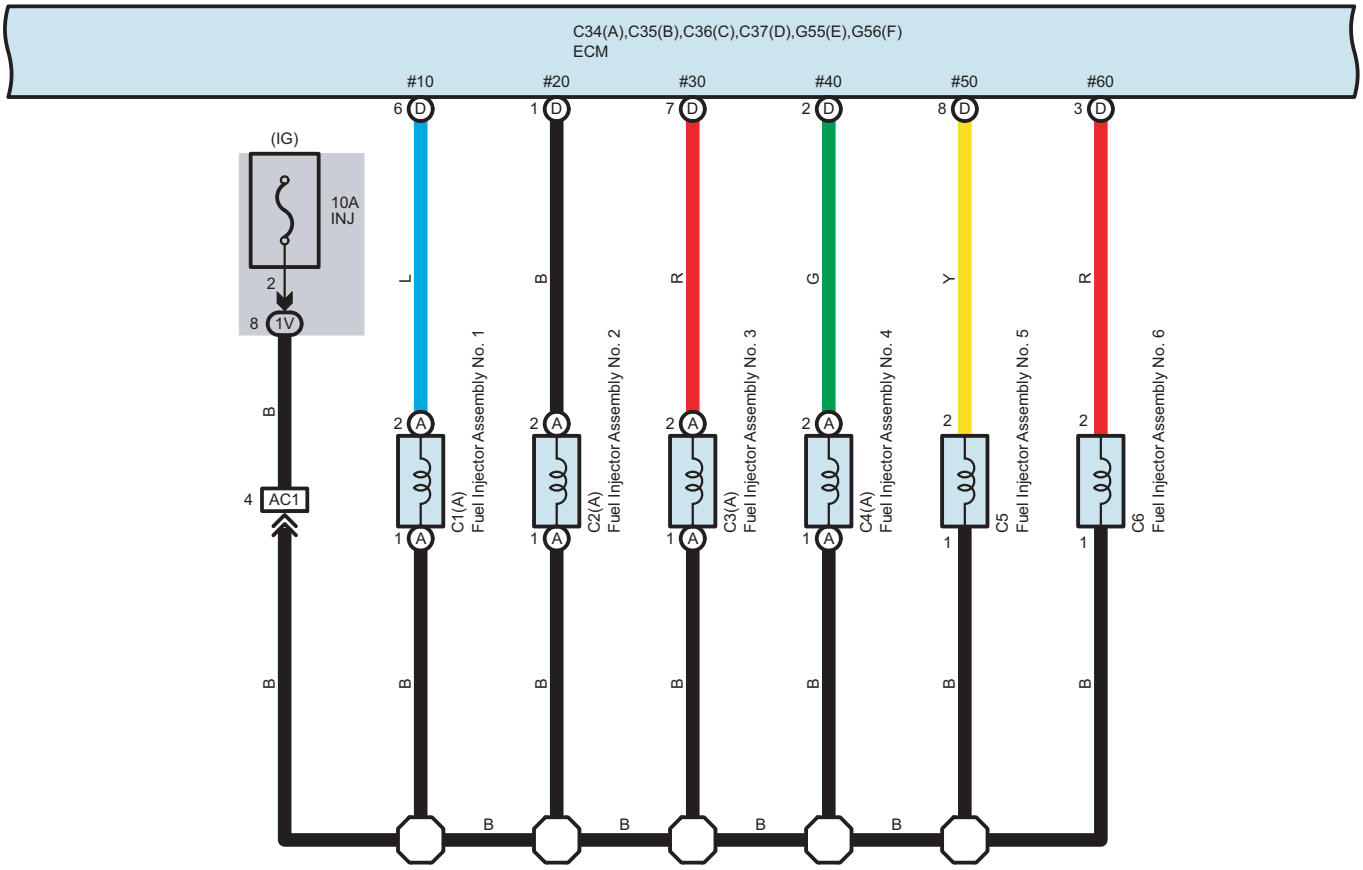



*1 :w/ Secondary Air Injection System

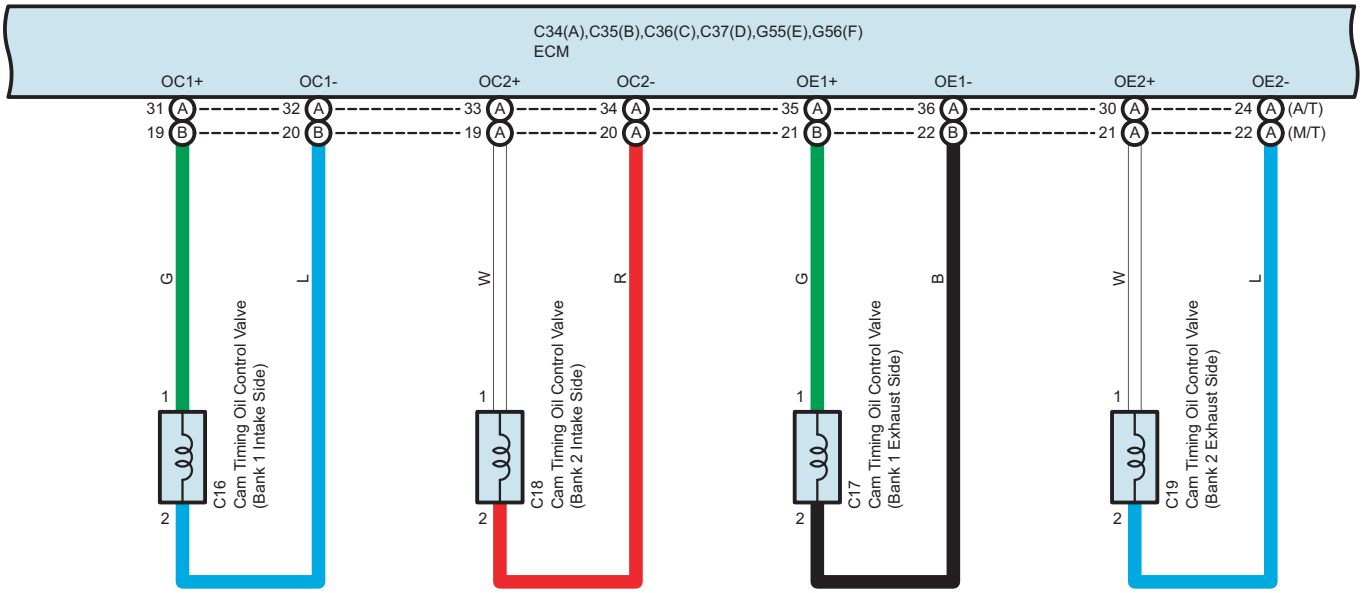

C34(A),C35(B),C36(C),C37(D),G55(E),G56(F)
ECM
AIRV
AIRP
AIDI
20 C
18 C
19 A
(BAT)
50A
AIR PMP
2
1
P
GR
G
(*1)
7 CG1
1 CG1
9 CG1
30 GA6 – 29 GA6 – 31 GA6 (LHD)
35 GA2 – 34 GA2 – 36 GA2 (RHD)
R
1 B
3 A
4 A
2 A
BATT
SIV
SIP
DI
A16(A),A17(B)
Air Injection Control Driver
APH+
APHG
GND
+B
A18
Inlet Air Pump
VP
+B
VV
E
1
3
4
2
2 B
5 A
6 A
1 A
V
BR
W-B
R-B
LG
B
Y
W
9 AC1
10 AC1
3 AC1
2 AC1
C1
C1


C34(A),C35(B),C36(C),C37(D),G55(E),G56(F)
ECM
DI
FPC
AIP
VCAP
AIP2
EAIP
14 E
26 F
4 E (A/T)
3 E (M/T)
15 B
13 B
16 B
14 B
GR
G
V
LG-B
B
W-R
(*1)
30 GR1
29 GR1
3 SR3
4 SR3
2 A
1 A
S8(A),S9(B)
Fuel Pump Control ECU Assembly
+B
E
FP
FP-
4 A
3 A
1 B
2 B
L
W-B
B
W
1 SR3
2 SR3
5 A
E2
M
Pump
B2
4 A
S5(A)
Fuel Sender Gauge Assembly
R
11 AR2
3
2
AIP
VC
+B
E2
GND
5
4
1
C44
Air Pump Assembly (Bank 1)
Y
W-R
W-B
VC2
AIP2
GNDL
E22
+BL
C45
Air Pump Assembly (Bank 2)
V
Y
(*1)
V
(*1)
R
R
B
R
B
R1
C1
*1 :w/ Secondary Air Injection System

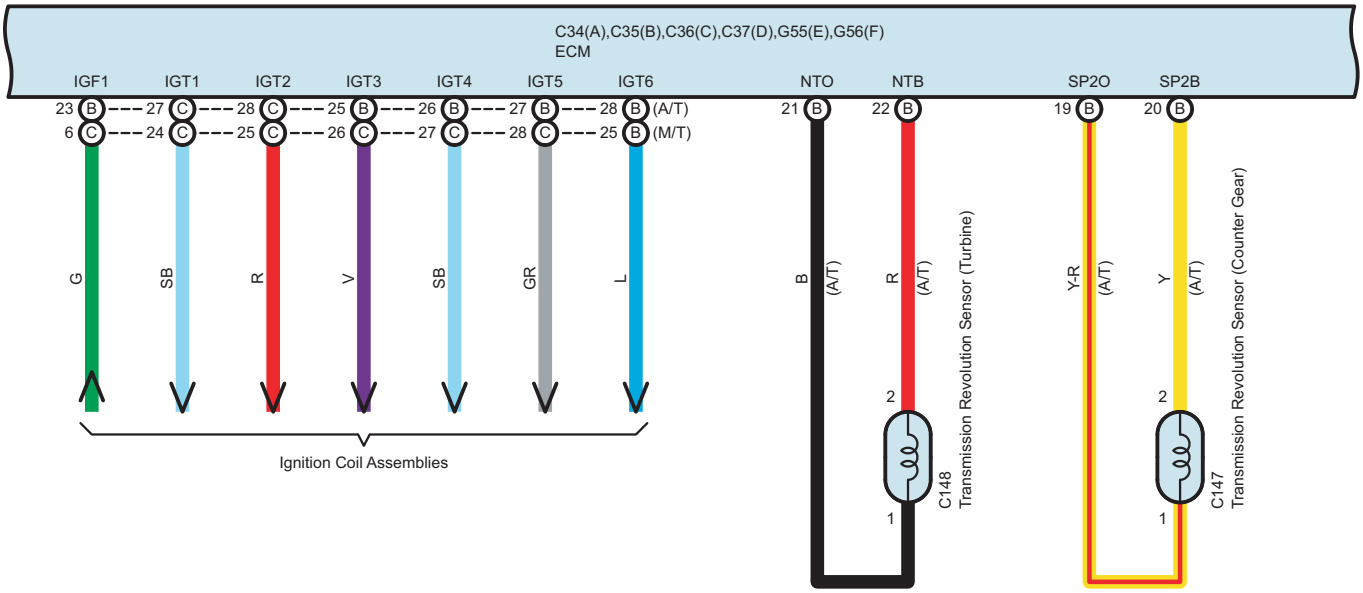

C34(A),C35(B),C36(C),C37(D),G55(E),G56(F)
ECM
ETHA
VG
E2G
THA
PRG
VCV1
VV1+
VV1-
EV1+
EV1-
(A/T)
(M/T)
GR
W
B
Y
P
P-L
R
G
W-R
R-B
E2
VG
E2G
THA
+B
C33
Intake Mass Air Flow Meter Sub-Assembly
C138(B)
Purge VSV
VVR+
VVR-
VC
C20
VVT Sensor
(Bank 1 Intake Side)
EX+
EX-
VC2
C22
VVT Sensor
(Bank 1 Exhaust Side)


C34(A),C35(B),C36(C),C37(D),G55(E),G56(F)
ECM
#10
#20
#30
#40
#50
#60
(IG)
10A
INJ
1V
AC1
C1(A) Fuel Injector Assembly No. 1
C2(A) Fuel Injector Assembly No. 2
C3(A) Fuel Injector Assembly No. 3
C4(A) Fuel Injector Assembly No. 4
C5 Fuel Injector Assembly No. 5
C6 Fuel Injector Assembly No. 6
L
B
R
G
Y

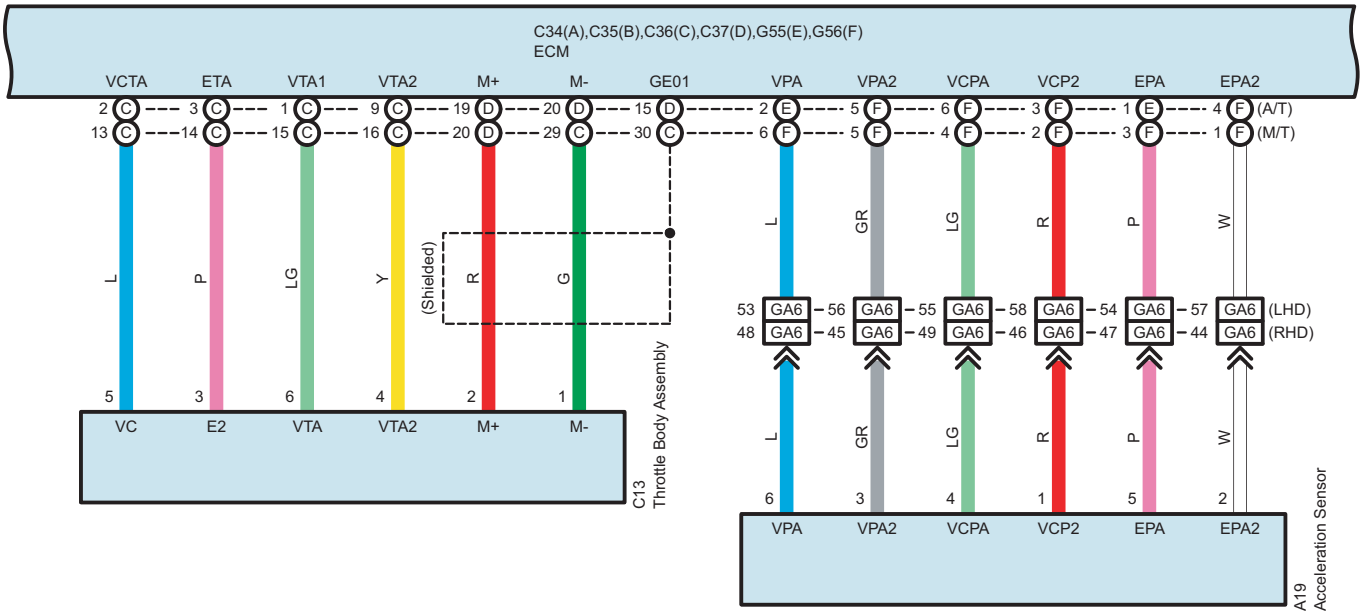

W
(A/T)
R
B


C34(A),C35(B),C36(C),C37(D),G55(E),G56(F)
ECM
OC1+
OC1-
OC2+
OC2-
OE1+
OE1-
OE2+
OE2-
31 A
19 B
32 A
20 B
33 A
19 A
34 A
20 A
35 A
21 B
36 A
22 B
30 A
21 A
24 A (A/T)
22 A (M/T)
G
L
W
R
G
B
W
L
1
2
C16
Cam Timing Oil Control Valve
(Bank 1 Intake Side)
C18
Cam Timing Oil Control Valve
(Bank 2 Intake Side)
C17
Cam Timing Oil Control Valve
(Bank 1 Exhaust Side)
C19
Cam Timing Oil Control Valve
(Bank 2 Exhaust Side)

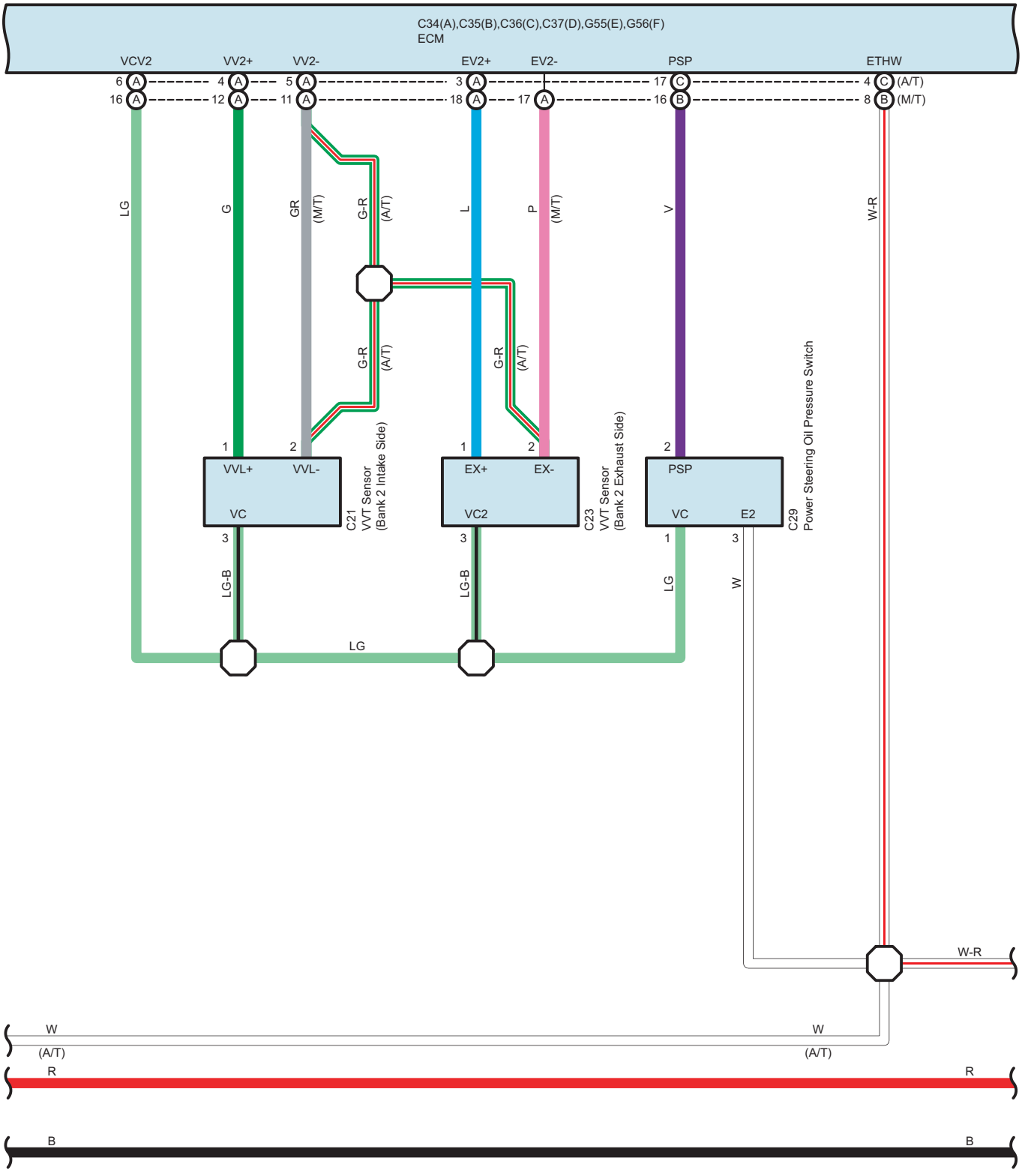

W
(A/T)
R
B
W
(A/T)
R
B

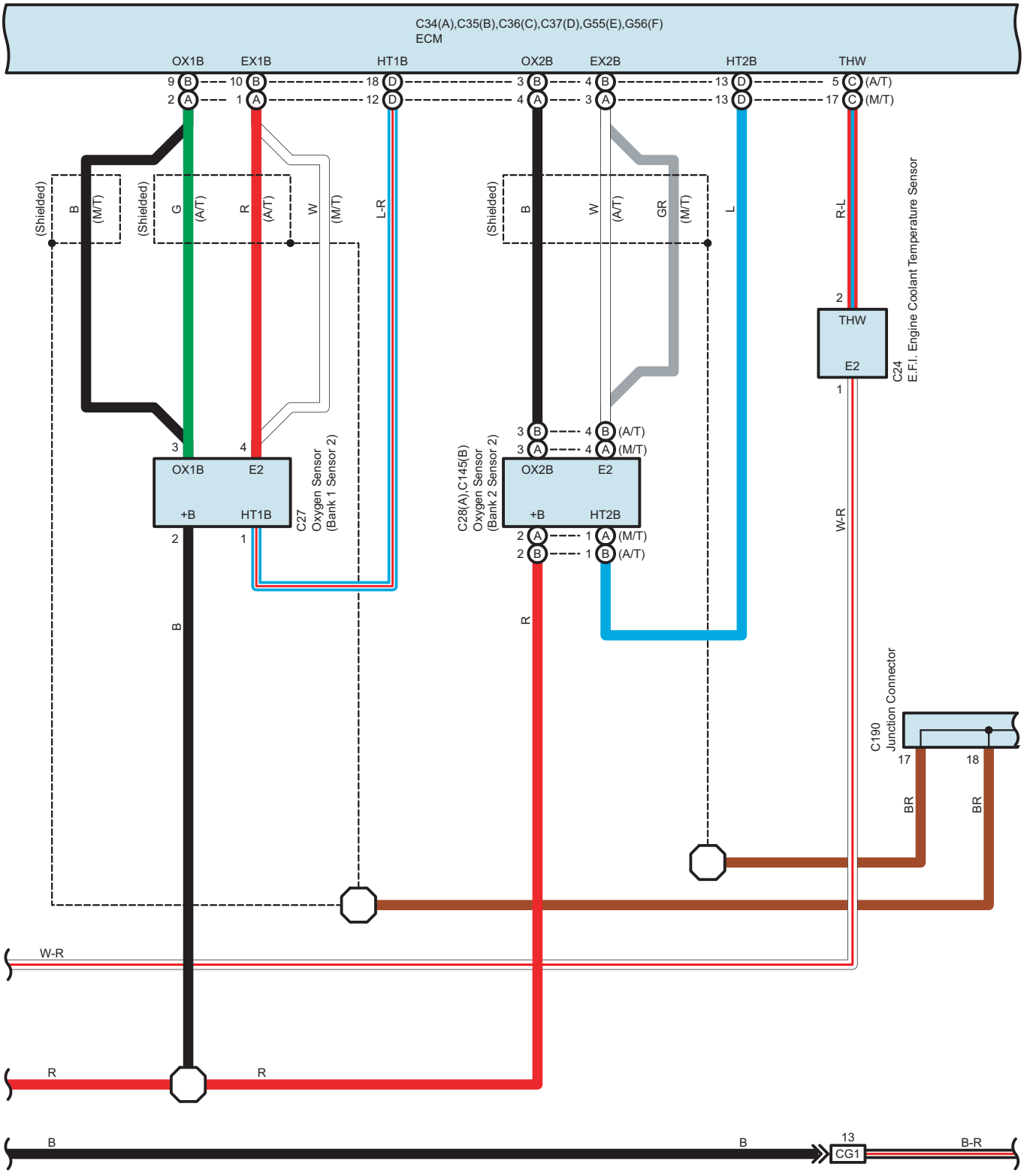

C34(A),C35(B),C36(C),C37(D),G55(E),G56(F)
ECM
IGF1
IGT1
IGT2
IGT3
IGT4
IGT5
IGT6
NTO
NTB
SP2O
SP2B
23 B 27 C 28 C 25 B 26 B 27 B 28 B (A/T)
6 C 24 C 25 C 26 C 27 C 28 C 25 B (M/T)
21 B
22 B
19 B
20 B
G
SB
R
V
SB
GR
L
B (A/T)
R (A/T)
Y-R (A/T)
Y (A/T)
2
1
C148
Transmission Revolution Sensor (Turbine)
C147
Transmission Revolution Sensor (Counter Gear)
Ignition Coil Assemblies

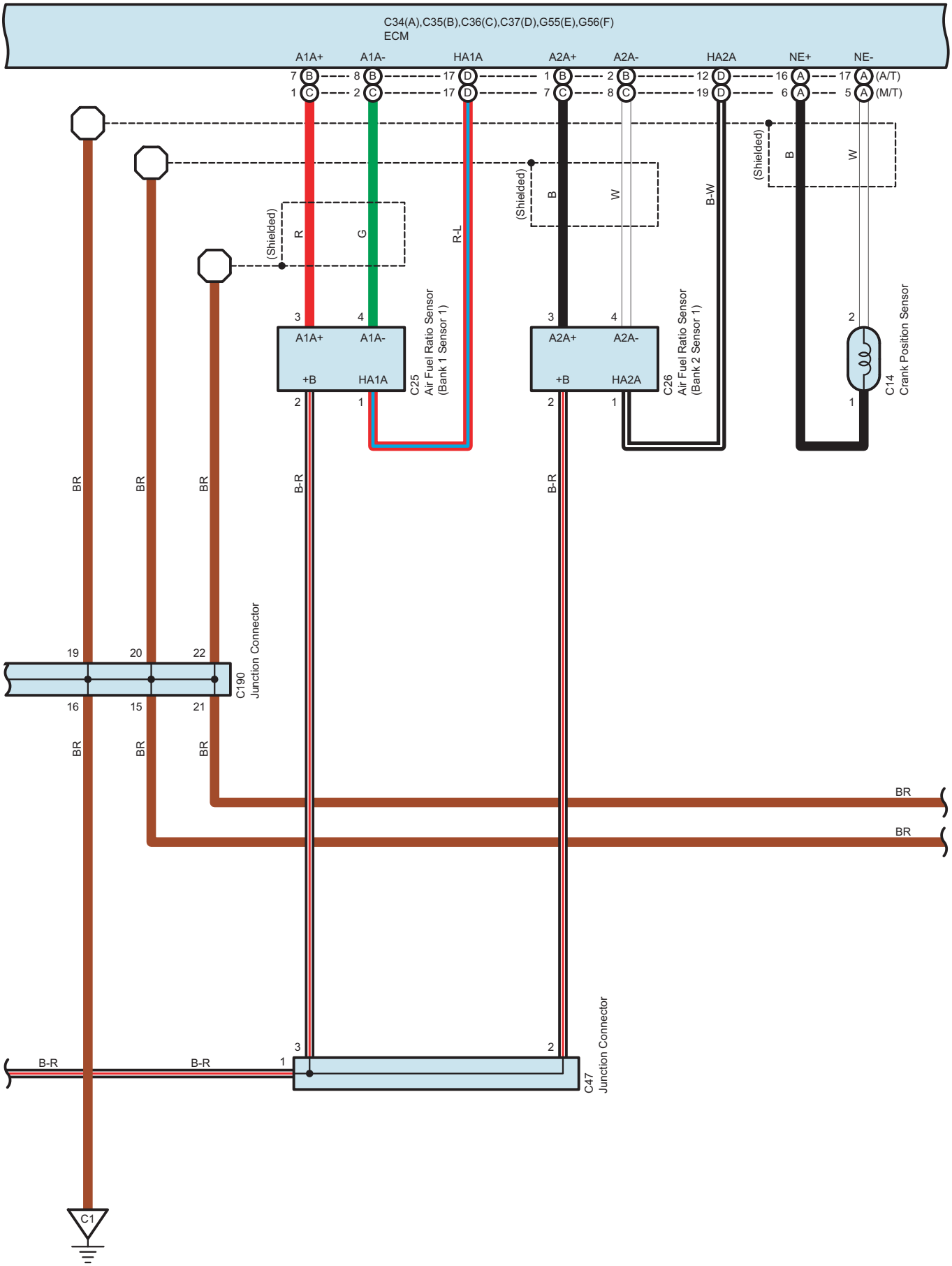

W
(A/T)
R
B
W
(A/T)
R
B

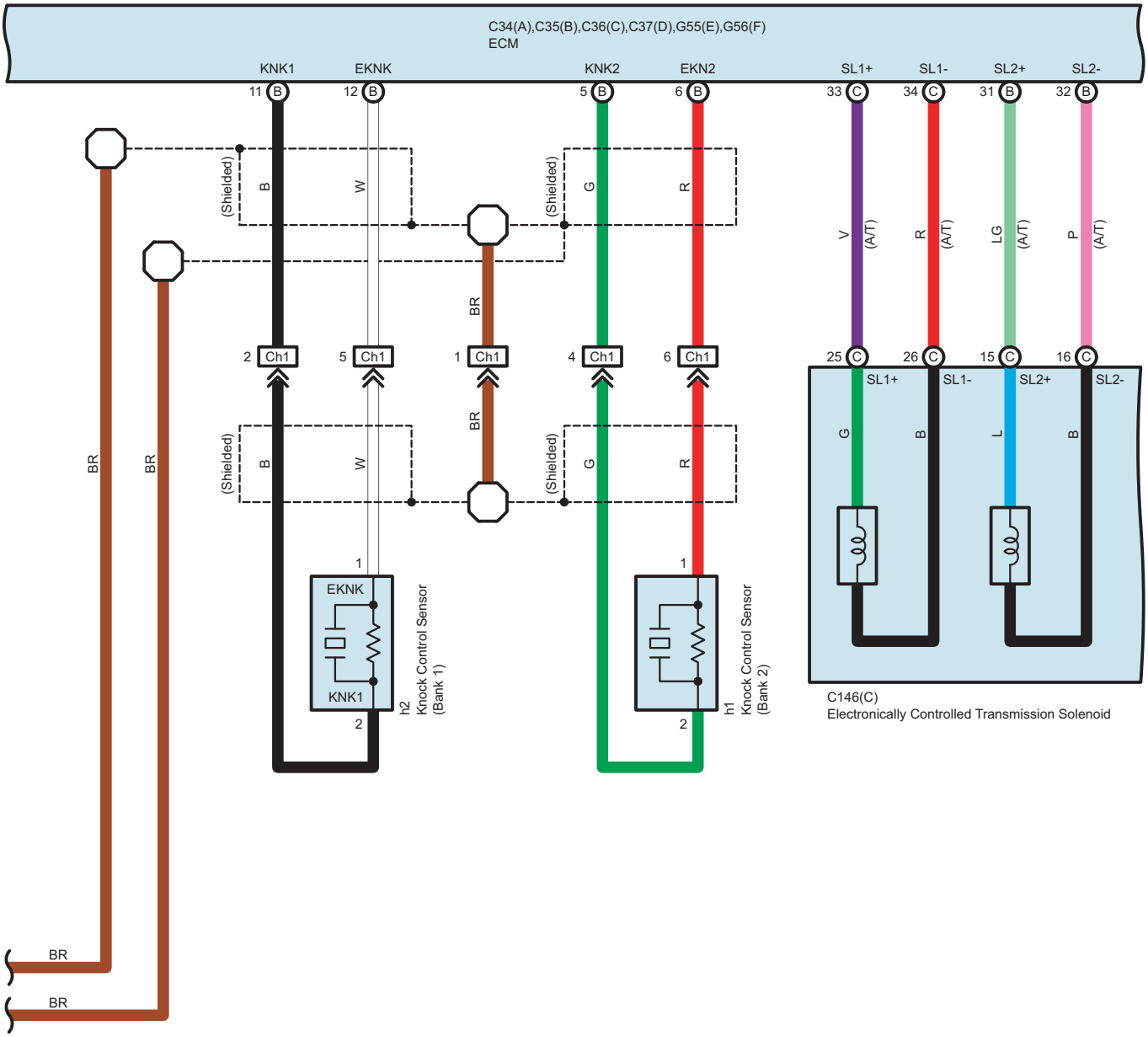

C34(A),C35(B),C36(C),C37(D),G55(E),G56(F)
ECM
VCTA
ETA
VTA1
VTA2
M+
M-
GE01
VPA
VPA2
VCPA
VCP2
EPA
EPA2
(A/T)
(M/T)
L
P
LG
Y
(Shielded)
R
G
GR
W
GA6
(LHD)
(RHD)
VC
E2
VTA
VTA2
M+
M-
C13
Throttle Body Assembly
A19
Acceleration Sensor

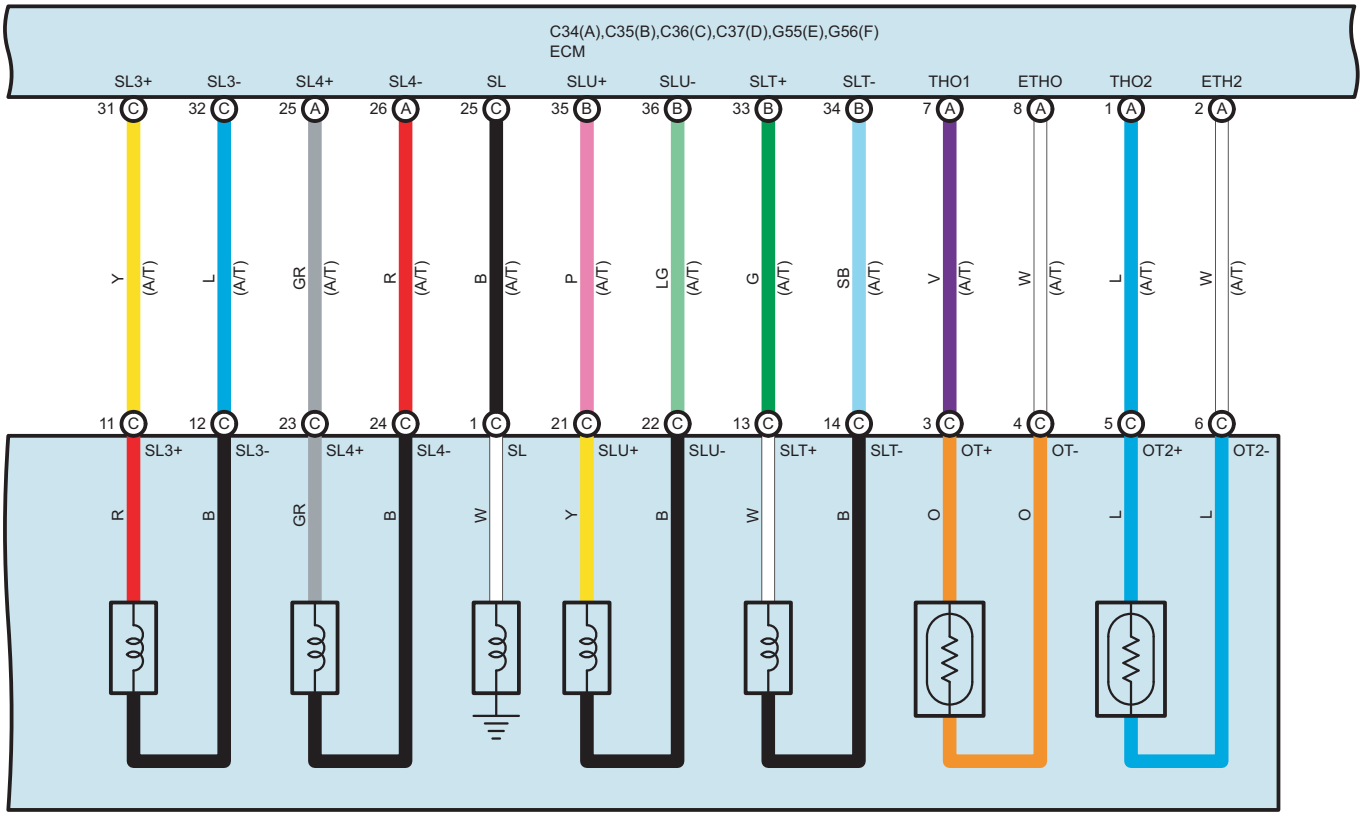

W
(A/T)
R
B

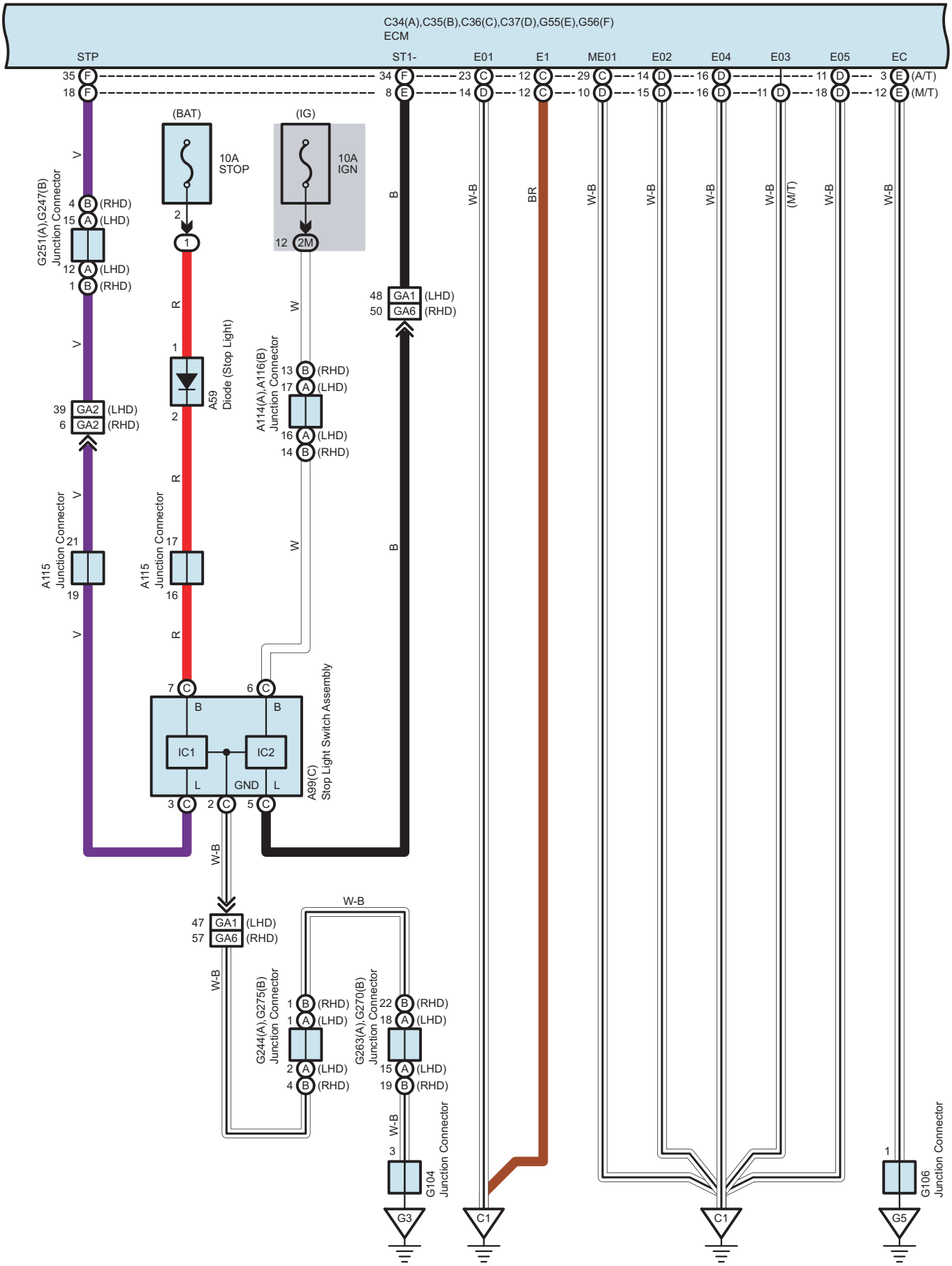

C34(A),C35(B),C36(C),C37(D),G55(E),G56(F)
ECM
VCV2
VV2+
VV2-
EV2+
EV2-
PSP
ETHW
6 A
16 A
4 A
12 A
5 A
11 A
3 A
18 A
17 A
17 C
16 B
4 C (A/T)
8 B (M/T)
LG
G
GR
(M/T)
G-R
(A/T)
L
P
(M/T)
V
W-R
1
2
VVL+
VVL-
VC
C21
VVT Sensor
(Bank 2 Intake Side)
EX+
EX-
VC2
C23
VVT Sensor
(Bank 2 Exhaust Side)
PSP
VC
E2
C29
Power Steering Oil Pressure Switch
3
LG-B
LG
W
W-R
W
(A/T)
R
B

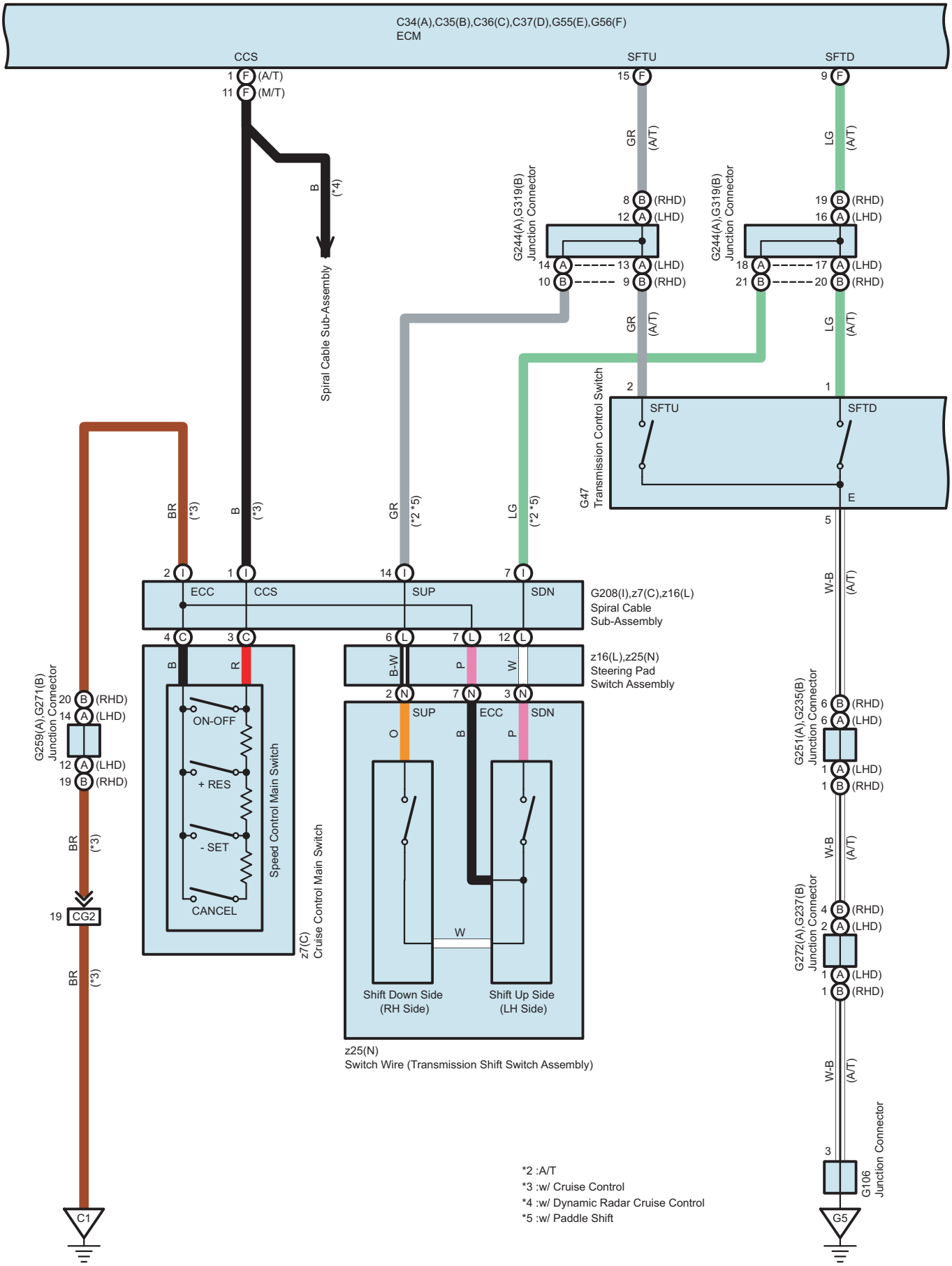

C34(A),C35(B),C36(C),C37(D),G55(E),G56(F)
ECM
OX1B
EX1B
HT1B
OX2B
EX2B
HT2B
THW
(A/T)
(M/T)
(Shielded)
B
G
R
W
L-R
GR
L
R-L
W-R
OX1B
E2
+B
HT1B
C27
Oxygen Sensor
(Bank 1 Sensor 2)
OX2B
HT2B
C28(A),C145(B)
Oxygen Sensor
(Bank 2 Sensor 2)
THW
E2
C24
E.F.I. Engine Coolant Temperature Sensor
C190
Junction Connector
BR
CG1
B-R

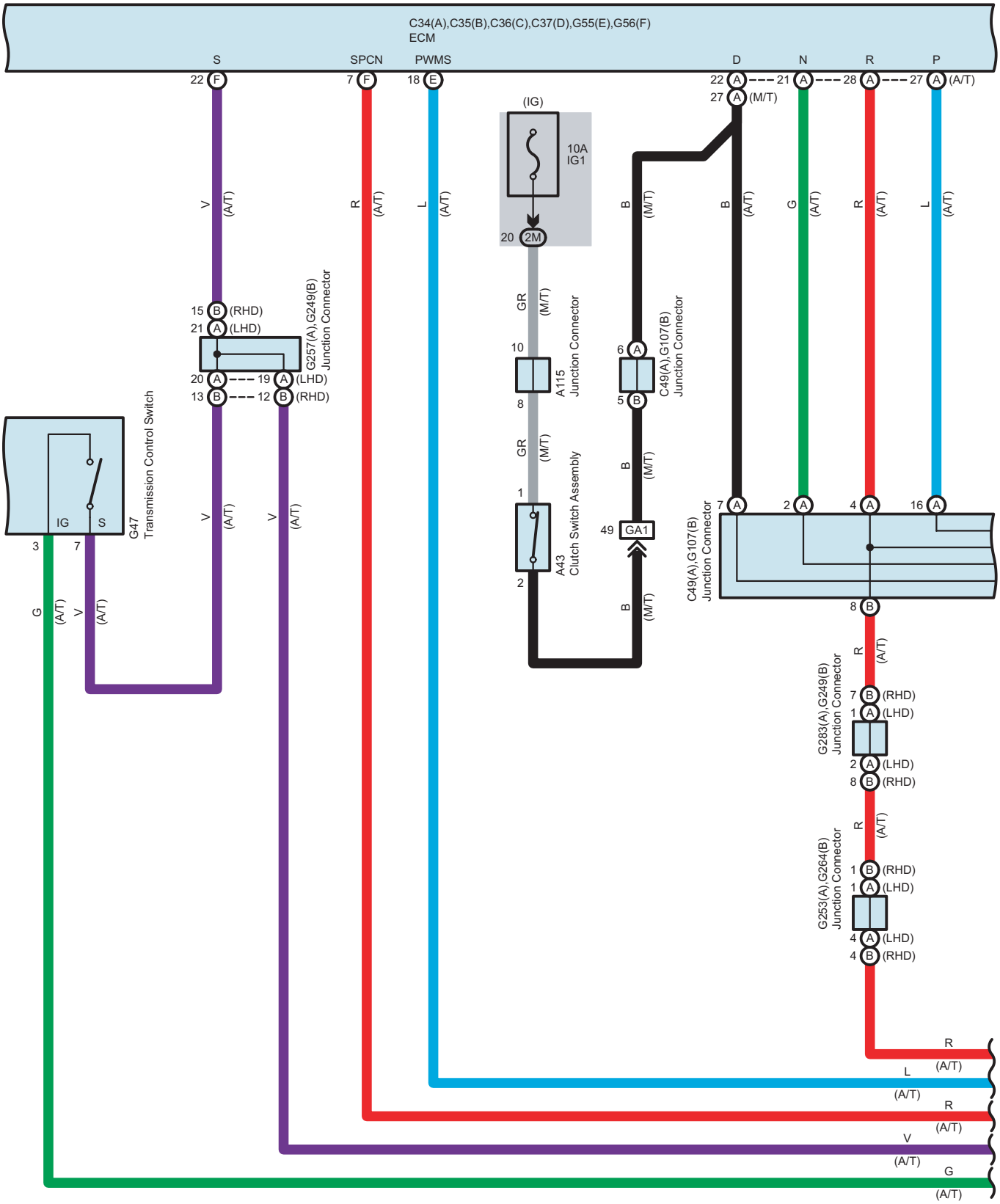

C34(A),C35(B),C36(C),C37(D),G55(E),G56(F)
ECM
A1A+
A1A-
HA1A
A2A+
A2A-
HA2A
NE+
NE-
(A/T)
(M/T)
(Shielded)
R
G
R-L
B
W
B-W
C25
Air Fuel Ratio Sensor
(Bank 1 Sensor 1)
C26
Air Fuel Ratio Sensor
(Bank 2 Sensor 1)
C14
Crank Position Sensor
+B
HA1A
HA2A
BR
B-R
C190
Junction Connector
C47
Junction Connector
C1

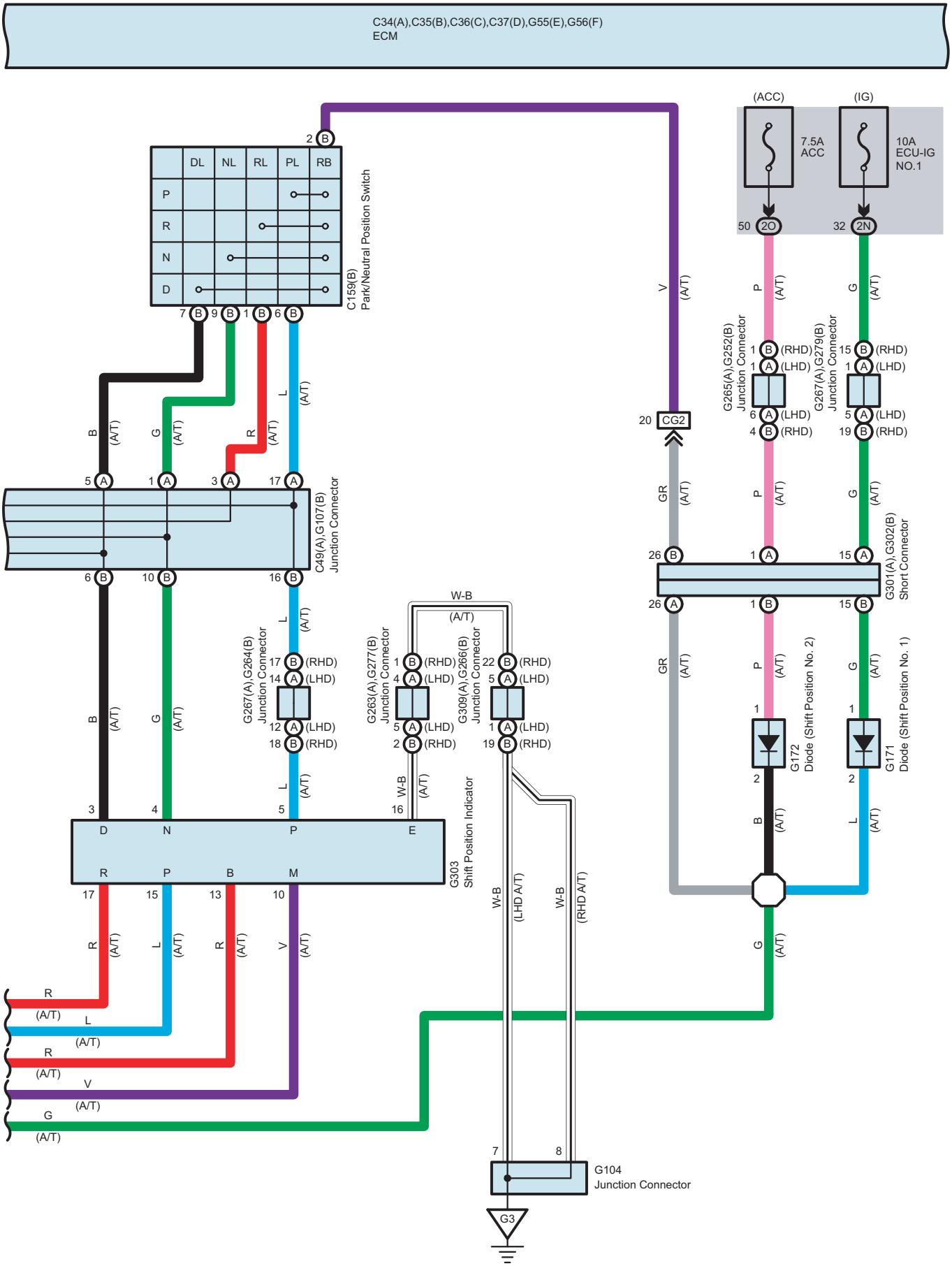

C34(A),C35(B),C36(C),C37(D),G55(E),G56(F)
ECM
KNK1
EKNK
KNK2
EKN2
SL1+
SL1-
SL2+
SL2-
11 B
12 B
5 B
6 B
33 C
34 C
31 B
32 B
(Shielded)
B
W
G
R
V (A/T)
R (A/T)
LG (A/T)
P (A/T)
BR
2 Ch1
5 Ch1
1 Ch1
4 Ch1
6 Ch1
25 C
26 C
15 C
16 C
G
B
L
B
1
EKNK
KNK1
2
h2
Knock Control Sensor
(Bank 1)
h1
Knock Control Sensor
(Bank 2)
C146(C)
Electronically Controlled Transmission Solenoid

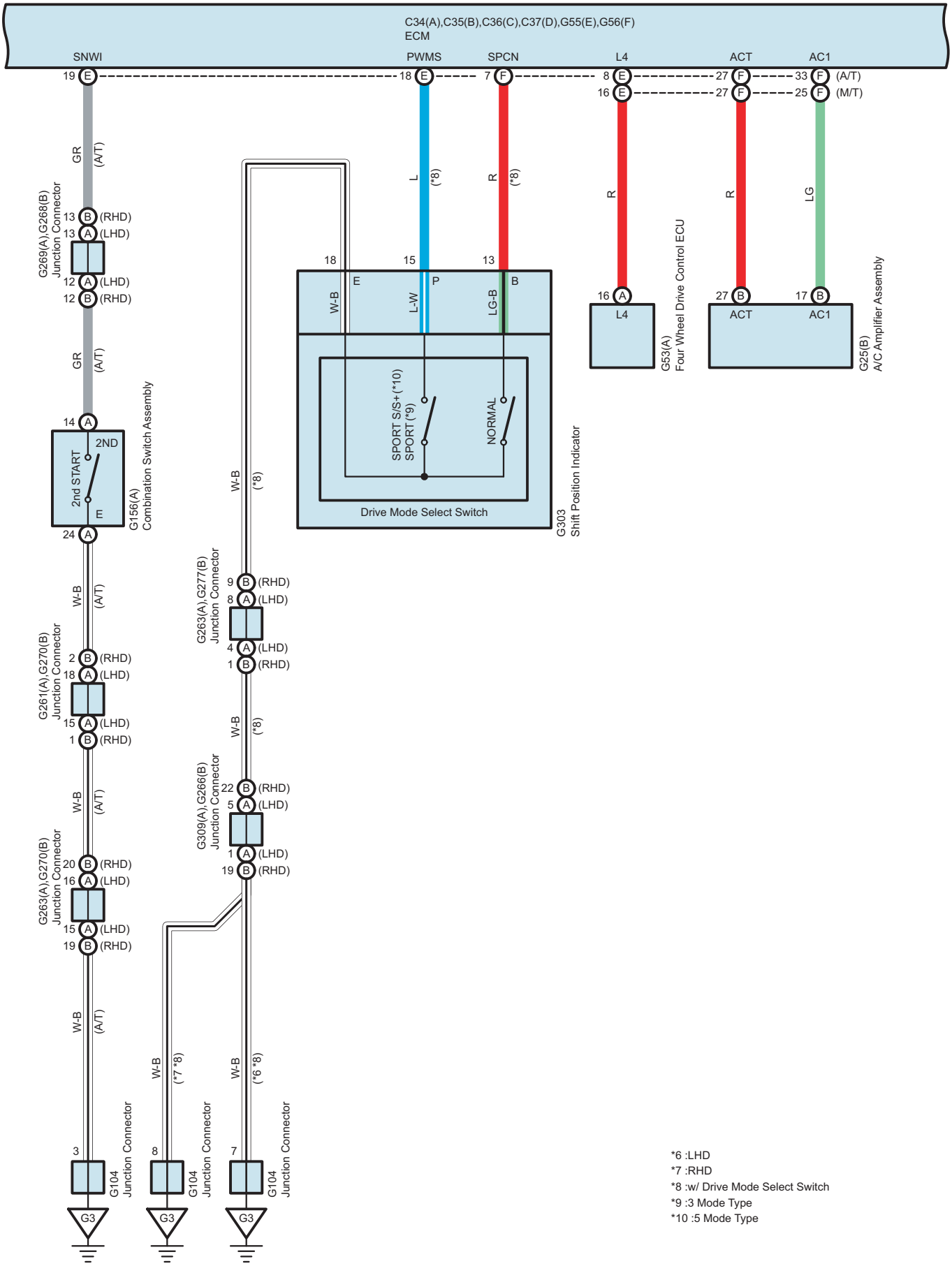

C34(A),C35(B),C36(C),C37(D),G55(E),G56(F)
ECM
SL3+
SL3-
SL4+
SL4-
SL
SLU+
SLU-
SLT+
SLT-
THO1
ETHO
THO2
ETH2
31 C
32 C
25 A
26 A
25 C
35 B
36 B
33 B
34 B
7 A
8 A
1 A
2 A
Y (A/T)
L (A/T)
GR (A/T)
R (A/T)
B (A/T)
P (A/T)
LG (A/T)
G (A/T)
SB (A/T)
V (A/T)
W (A/T)
L (A/T)
W (A/T)
11 C
12 C
23 C
24 C
1 C
21 C
22 C
13 C
14 C
3 C
4 C
5 C
6 C
SL3+
SL3-
SL4+
SL4-
SL
SLU+
SLU-
SLT+
SLT-
OT+
OT-
OT2+
OT2-
R
B
GR
B
W
Y
B
W
B
O
O
L
L
C146(C)
Electronically Controlled Transmission Solenoid


C34(A),C35(B),C36(C),C37(D),G55(E),G56(F)
ECM
STP
ST1-
E01
E1
ME01
E02
E04
E03
E05
EC
(A/T)
(M/T)
(BAT)
(IG)
10A
STOP
10A
IGN
G251(A),G247(B)
Junction Connector
A59
Diode (Stop Light)
A114(A),A116(B)
Junction Connector
A115
Junction Connector
A115
Junction Connector
A99(C)
Stop Light Switch Assembly
IC1
IC2
GND
G244(A),G275(B)
Junction Connector
G263(A),G270(B)
Junction Connector
G104
Junction Connector
G106
Junction Connector
(RHD)
(LHD)
W-B
BR
(M/T)
G3
C1
C1
G5

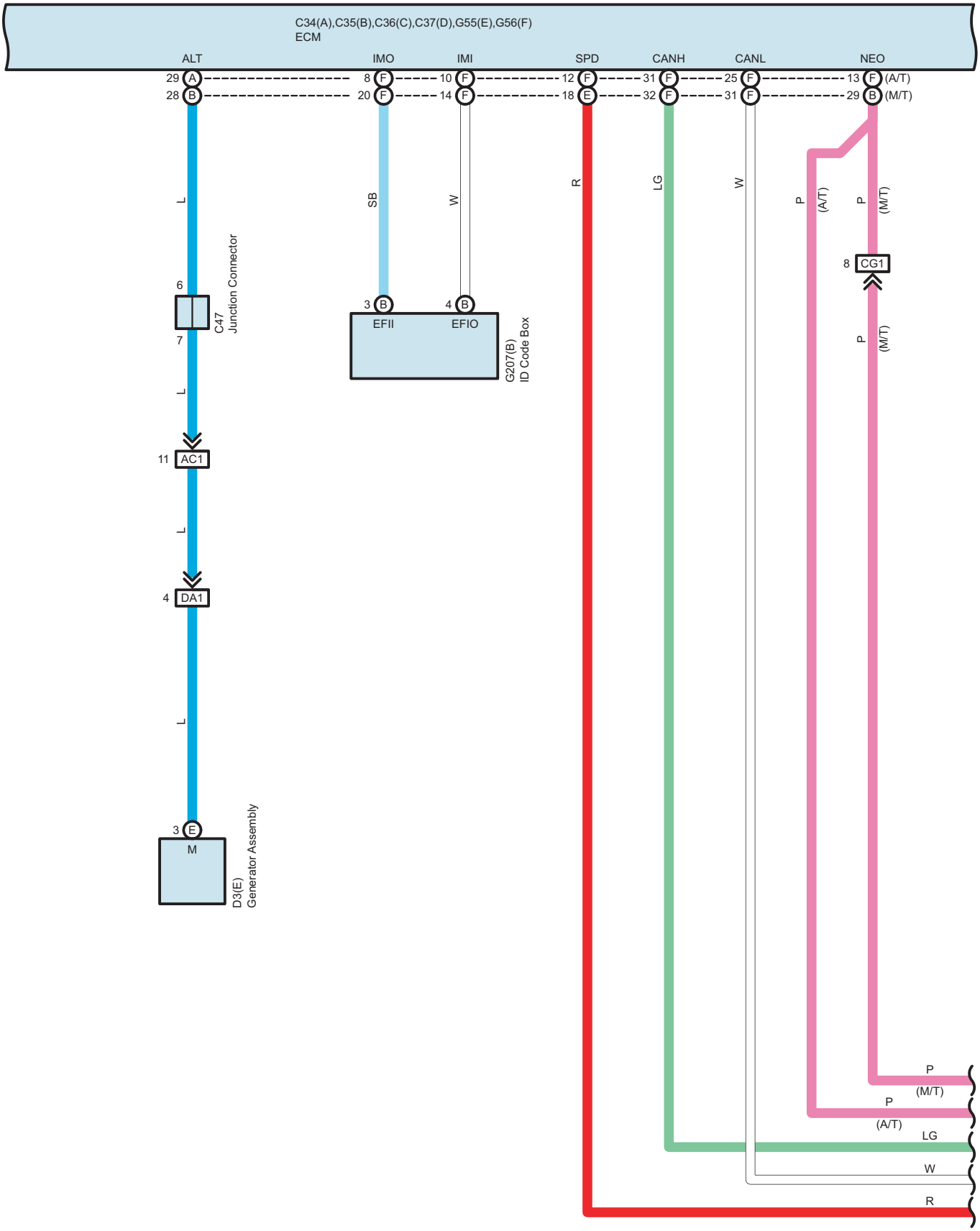

C34(A),C35(B),C36(C),C37(D),G55(E),G56(F)
ECM
CCS
SFTU
SFTD
1 F (A/T)
11 F (M/T)
15 F
9 F
GR (A/T)
LG (A/T)
B (*4)
Spiral Cable Sub-Assembly
G244(A),G319(B) Junction Connector
8 B (RHD)
12 A (LHD)
14 A
13 A (LHD)
10 B
9 B (RHD)
19 B (RHD)
16 A (LHD)
18 A
17 A (LHD)
21 B
20 B (RHD)
G47 Transmission Control Switch
2
1
SFTU
SFTD
E
BR (*3)
B (*3)
GR (*2 *5)
LG (*2 *5)
5
W-B (A/T)
2 I
1 I
14 I
7 I
ECC
CCS
SUP
SDN
G208(I),z7(C),z16(L)
Spiral Cable
Sub-Assembly
4 C
3 C
6 L
7 L
12 L
B
R
B-W
P
W
z16(L),z25(N)
Steering Pad
Switch Assembly
2 N
7 N
3 N
SUP
ECC
SDN
O
B
P
G259(A),G271(B) Junction Connector
20 B (RHD)
14 A (LHD)
12 A (LHD)
19 B (RHD)
ON-OFF
+ RES
- SET
CANCEL
Speed Control Main Switch
z7(C)
Cruise Control Main Switch
W
Shift Down Side
(RH Side)
Shift Up Side
(LH Side)
z25(N)
Switch Wire (Transmission Shift Switch Assembly)
G251(A),G235(B) Junction Connector
6 B (RHD)
6 A (LHD)
1 A (LHD)
1 B (RHD)
W-B (A/T)
G272(A),G237(B) Junction Connector
4 B (RHD)
2 A (LHD)
1 A (LHD)
1 B (RHD)
W-B (A/T)
3
G106 Junction Connector
19 CG2
BR (*3)
BR (*3)
C1
G5
*2 :A/T
*3 :w/ Cruise Control
*4 :w/ Dynamic Radar Cruise Control
*5 :w/ Paddle Shift

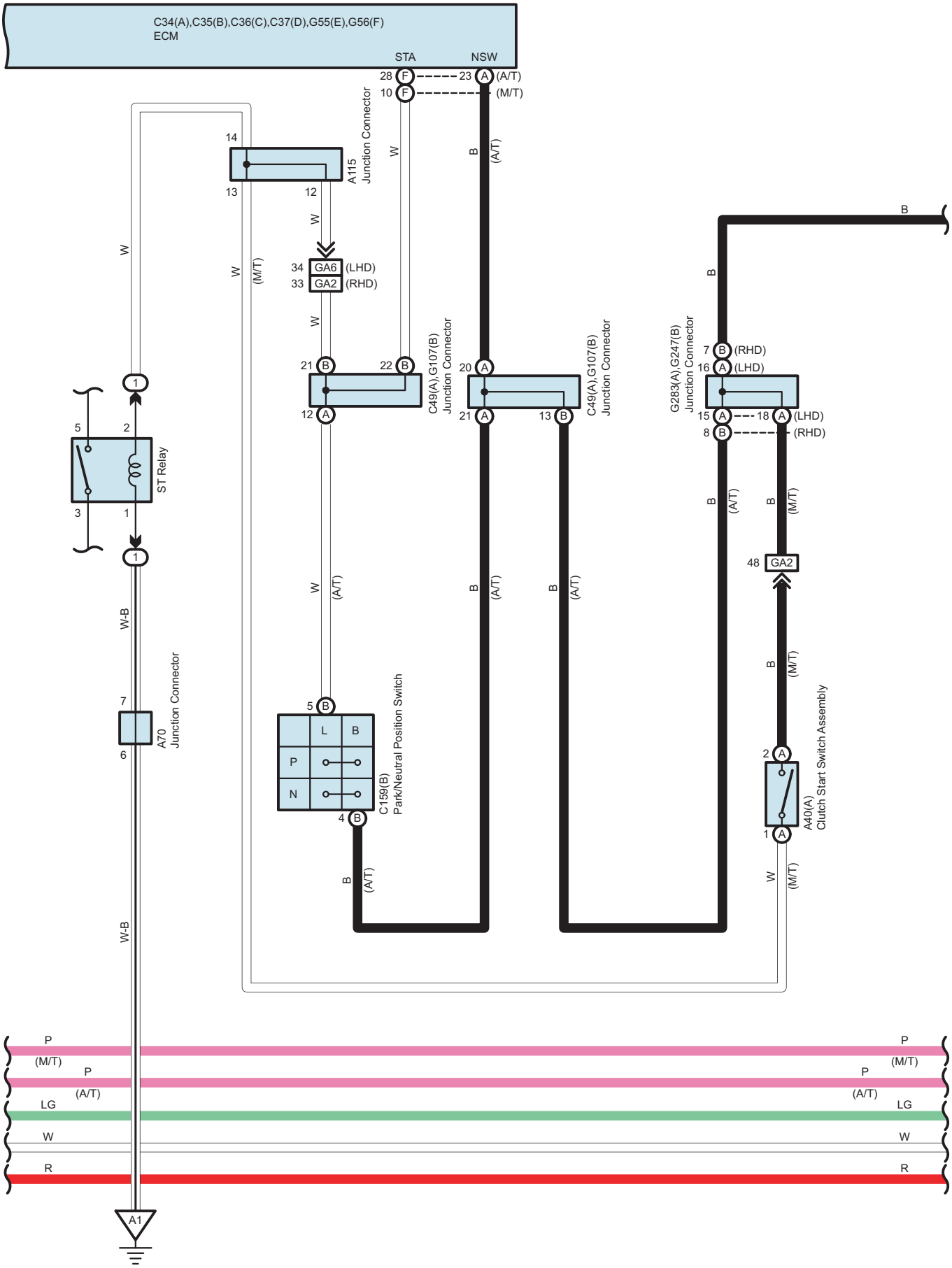

C34(A),C35(B),C36(C),C37(D),G55(E),G56(F)
ECM
S
SPCN
PWMS
D
N
R
P
22 F
7 F
18 E
22 A
27 A (M/T)
21 A
28 A
27 A (A/T)
(IG)
10A
IG1
20 2M
V (A/T)
R (A/T)
L (A/T)
B (M/T)
B (A/T)
G (A/T)
R (A/T)
L (A/T)
GR (M/T)
15 B (RHD)
21 A (LHD)
20 A
19 A (LHD)
13 B
12 B (RHD)
G257(A),G249(B)
Junction Connector
10
8
A115
Junction Connector
6 A
5 B
C49(A),G107(B)
Junction Connector
GR (M/T)
1
2
A43
Clutch Switch Assembly
49 GA1
B (M/T)
B (M/T)
IG
S
3
7
G47
Transmission Control Switch
G (A/T)
V (A/T)
V (A/T)
V (A/T)
7 A
2 A
4 A
16 A
C49(A),G107(B)
Junction Connector
8 B
R (A/T)
7 B (RHD)
1 A (LHD)
2 A (LHD)
8 B (RHD)
G283(A),G249(B)
Junction Connector
R (A/T)
1 B (RHD)
1 A (LHD)
4 A (LHD)
4 B (RHD)
G253(A),G264(B)
Junction Connector
R (A/T)
L (A/T)
R (A/T)
V (A/T)
G (A/T)

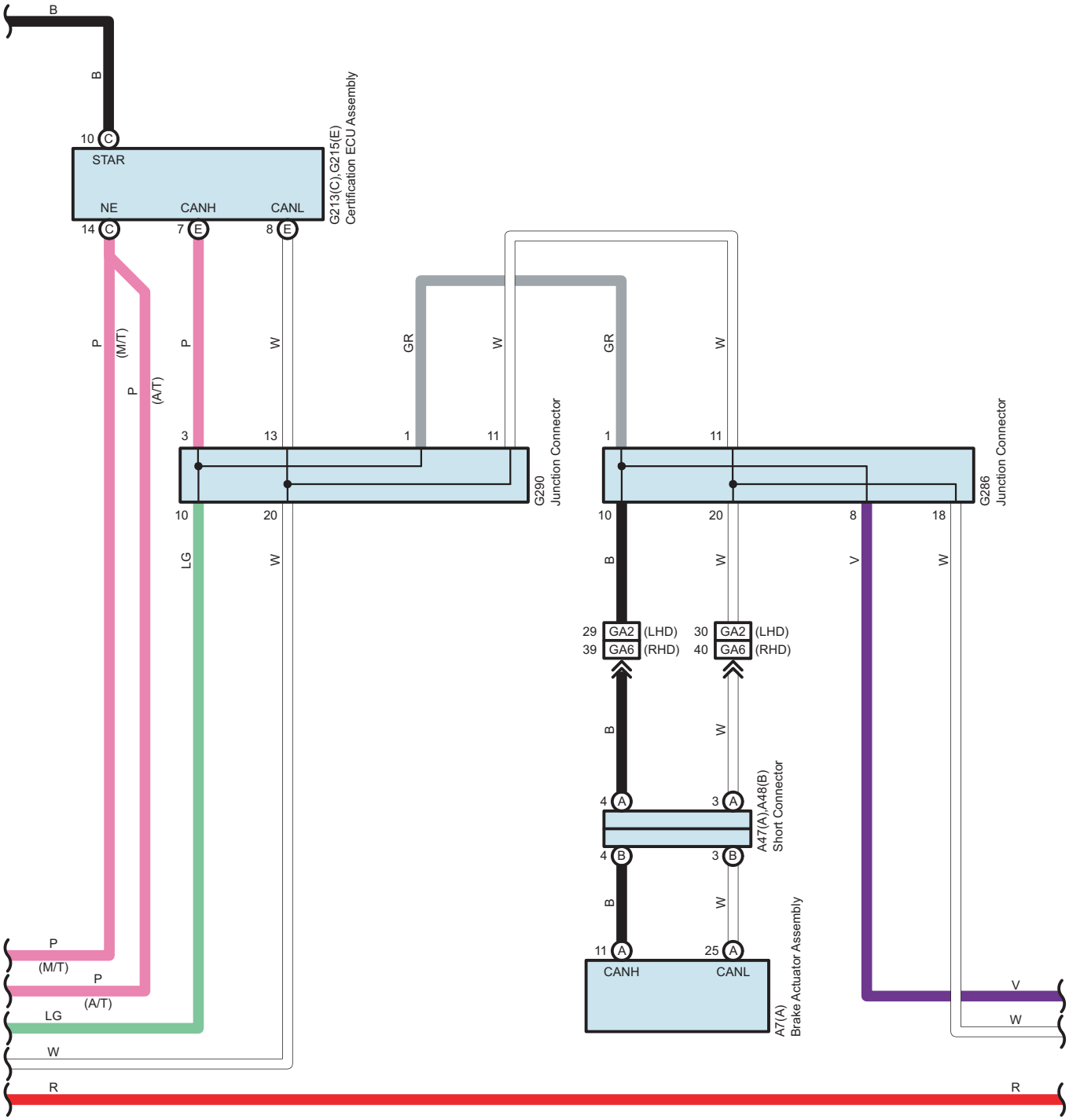

C34(A),C35(B),C36(C),C37(D),G55(E),G56(F)
ECM
(ACC)
(IG)
7.5A
ACC
10A
ECU-IG
NO.1
50 2O
32 2N
DL NL RL PL RB
P
R
N
D
C159(B)
Park/Neutral Position Switch
7 B 9 B 1 B 6 B
2 B
V (A/T)
20 CG2
B (A/T)
G (A/T)
R (A/T)
L (A/T)
5 A 1 A 3 A 17 A
C49(A),G107(B)
Junction Connector
6 B 10 B 16 B
GR (A/T)
P (A/T)
G (A/T)
G265(A),G252(B)
Junction Connector
1 B (RHD)
1 A (LHD)
6 A (LHD)
4 B (RHD)
G267(A),G279(B)
Junction Connector
15 B (RHD)
1 A (LHD)
5 A (LHD)
19 B (RHD)
26 B
26 A
1 A
1 B
15 A
15 B
G301(A),G302(B)
Short Connector
G267(A),G264(B)
Junction Connector
17 B (RHD)
14 A (LHD)
12 A (LHD)
18 B (RHD)
W-B (A/T)
G263(A),G277(B)
Junction Connector
1 B (RHD)
4 A (LHD)
5 A (LHD)
2 B (RHD)
G309(A),G266(B)
Junction Connector
22 B (RHD)
5 A (LHD)
1 A (LHD)
19 B (RHD)
1
2
G172
Diode (Shift Position No. 2)
G171
Diode (Shift Position No. 1)
3 4 5 16
D N P E
G303
Shift Position Indicator
R P B M
17 15 13 10
W-B (LHD A/T)
W-B (RHD A/T)
R (A/T)
L (A/T)
R (A/T)
V (A/T)
G (A/T)
7 8
G104
Junction Connector
G3

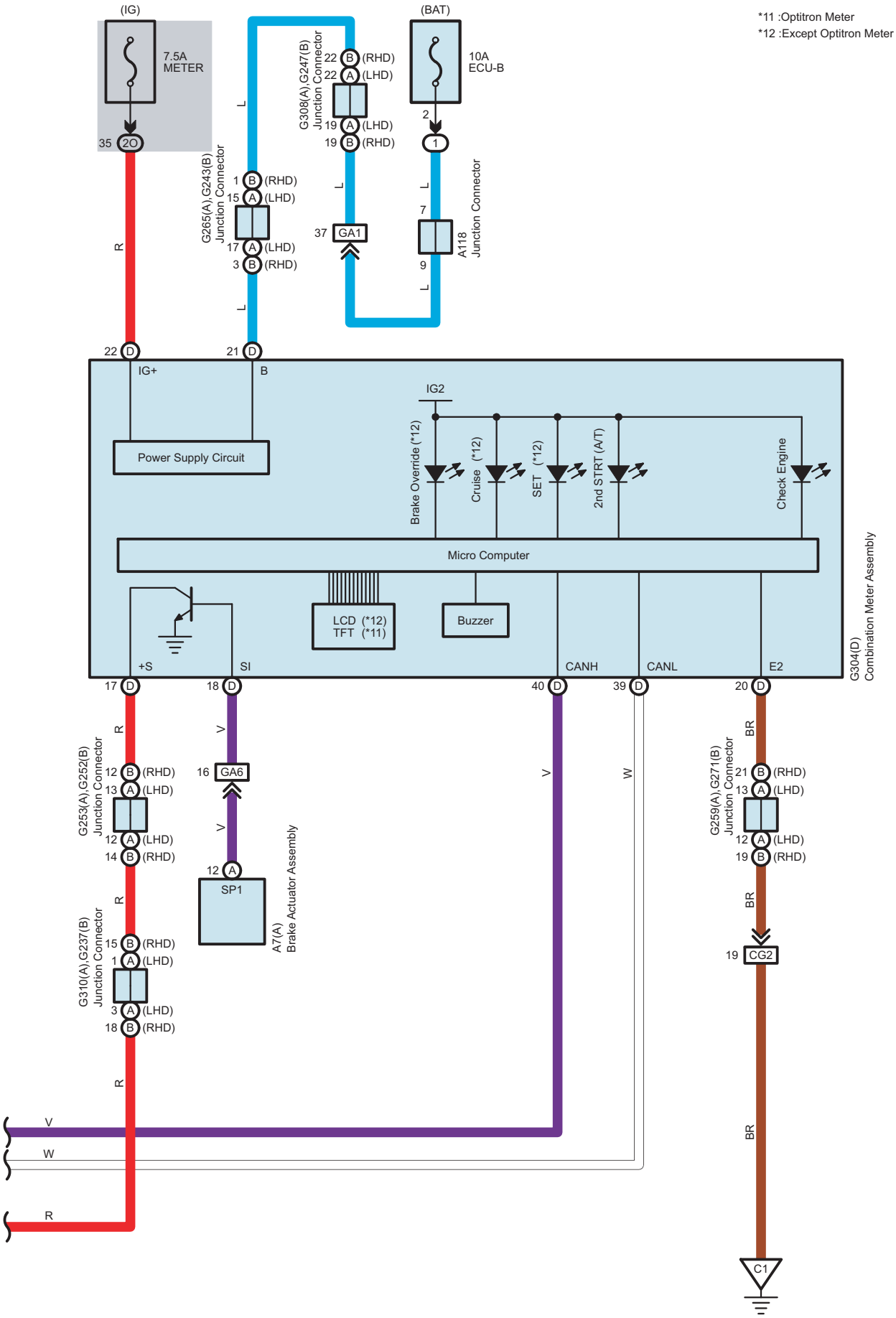



*6 :LHD
*7 :RHD
*8 :w/ Drive Mode Select Switch
*9 :3 Mode Type
*10 :5 Mode Type

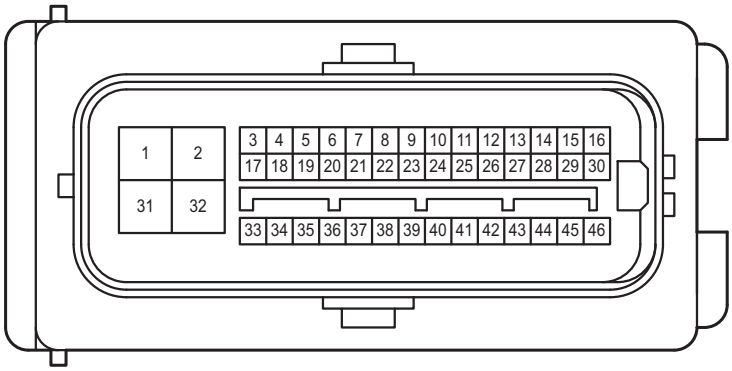

C34(A),C35(B),C36(C),C37(D),G55(E),G56(F)
ECM
ALT
IMO
IMI
SPD
CANH
CANL
NEO
29 A
28 B
8 F
20 F
10 F
14 F
12 F
18 E
31 F
32 F
25 F
31 F
13 F (A/T)
29 B (M/T)
L
SB
W
R
LG
W
P (A/T)
P (M/T)
6
7
C47
Junction Connector
3 B
4 B
EFII
EFIO
G207(B)
ID Code Box
8 CG1
P (M/T)
11 AC1
4 DA1
3 E
M
D3(E)
Generator Assembly
P (M/T)
P (A/T)
LG
W
R


C34(A),C35(B),C36(C),C37(D),G55(E),G56(F)
ECM
STA
NSW
28 F
10 F
23 A (A/T)
(M/T)
A115 Junction Connector
14
13
12
W
B
(A/T)
(M/T)
34 GA6 (LHD)
33 GA2 (RHD)
21 B
22 B
12 A
C49(A),G107(B) Junction Connector
20 A
21 A
13 B
C49(A),G107(B) Junction Connector
G283(A),G247(B) Junction Connector
7 B (RHD)
16 A (LHD)
15 A
18 A (LHD)
8 B (RHD)
48 GA2
5
2
3
1
ST Relay
W-B
7
6
A70 Junction Connector
5 B
L B
P
N
4 B
C159(B) Park/Neutral Position Switch
2 A
1 A
A40(A) Clutch Start Switch Assembly
P
LG
W
R
A1


B
B
10 C
STAR
NE
CANH
CANL
14 C
7 E
8 E
G213(C),G215(E)
Certification ECU Assembly
P
(M/T)
P
(A/T)
P
W
GR
W
GR
W
3
13
1
11
1
11
G290
Junction Connector
G286
Junction Connector
10
20
10
20
8
18
LG
W
B
W
V
W
29 GA2 (LHD)
39 GA6 (RHD)
30 GA2 (LHD)
40 GA6 (RHD)
B
W
4 A
3 A
4 B
3 B
A47(A),A48(B)
Short Connector
B
W
11 A
25 A
CANH
CANL
A7(A)
Brake Actuator Assembly
P
(M/T)
P
(A/T)
LG
W
R
V
W
R

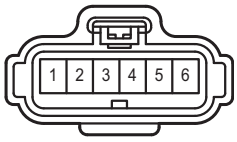

*11 :Optitron Meter
*12 :Except Optitron Meter
(IG)
7.5A METER
35 2O
(BAT)
10A ECU-B
2
1
G308(A),G247(B) Junction Connector
22 B (RHD)
22 A (LHD)
19 A (LHD)
19 B (RHD)
G265(A),G243(B) Junction Connector
1 B (RHD)
15 A (LHD)
17 A (LHD)
3 B (RHD)
37 GA1
A118 Junction Connector
7
9
L
R
22 D
21 D
IG+
B
Power Supply Circuit
IG2
Brake Override (*12)
Cruise (*12)
SET (*12)
2nd STRT (A/T)
Check Engine
Micro Computer
LCD (*12)
TFT (*11)
Buzzer
+S
SI
CANH
CANL
E2
G304(D) Combination Meter Assembly
17 D
18 D
40 D
39 D
20 D
G253(A),G252(B) Junction Connector
12 B (RHD)
13 A (LHD)
12 A (LHD)
14 B (RHD)
16 GA6
12 A
SP1
A7(A) Brake Actuator Assembly
G310(A),G237(B) Junction Connector
15 B (RHD)
1 A (LHD)
3 A (LHD)
18 B (RHD)
G259(A),G271(B) Junction Connector
21 B (RHD)
13 A (LHD)
12 A (LHD)
19 B (RHD)
19 CG2
C1
V
W
R
BR

A7
Black



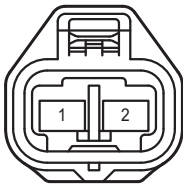

90980-12297

A16
Black



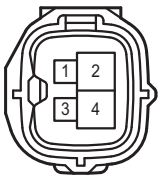

90980-11858

A17
Black



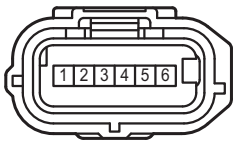

90980-12068

A18
Black




90980-12294

A19
Black




90980-12303

A40
Black




90980-10825

A43
White




90980-10906

A47
Gray




90980-10945

A48
Gray



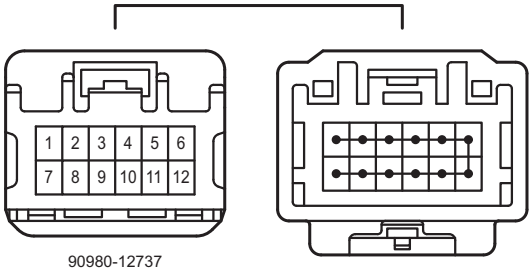

90980-10946

A59
Black



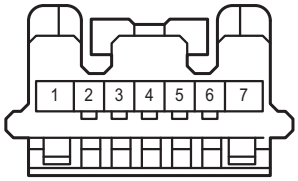

90980-10962

A70
White



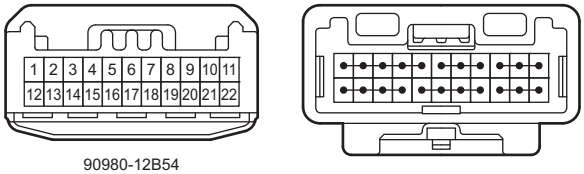

90980-12737

A99
Black



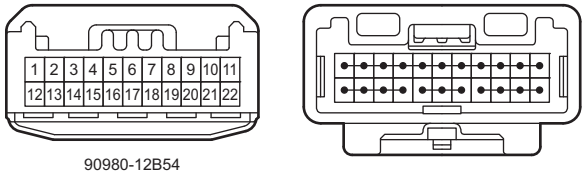

90980-12092

A114
Blue



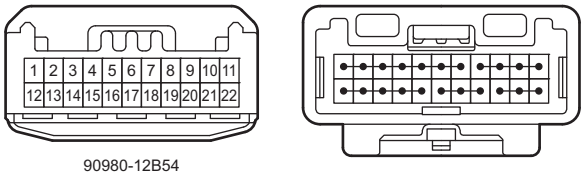

90980-12B54

A115
Gray



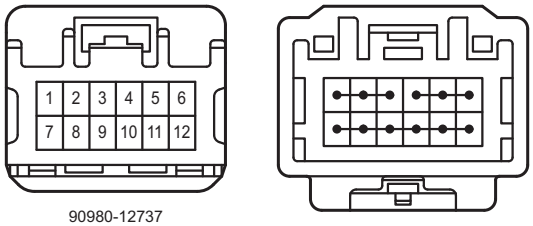

90980-12B54

A116
White



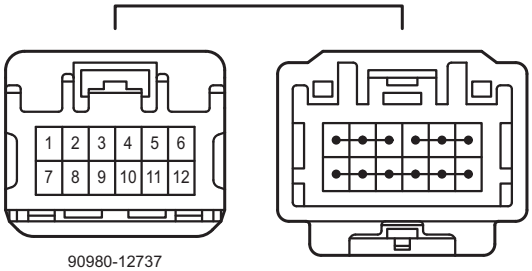

90980-12B54

A118
Gray



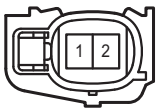

90980-12737

A122
Black



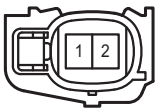

90980-12737

C1
Gray



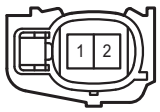

90980-11875

C2
Gray



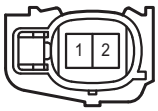

90980-11875

C3
Gray



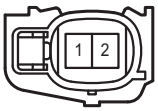

90980-11875

C4
Gray



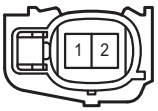

90980-11875

C5
Gray



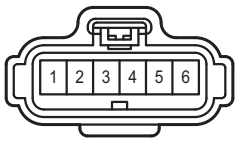

90980-11875

C6
Gray



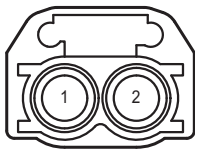

90980-11875

C13
Black




90980-11858

C14
Black




90980-12028

C16
Black




90980-11162

C17
Black




90980-11162

C18
Black




90980-11162

C19
Black



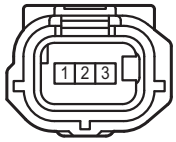

90980-11162

C20
Black



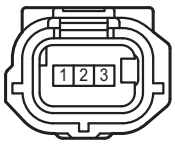

90980-12353

C21
Black



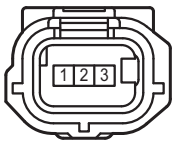

90980-12353

C22
Black




90980-12353

C23
Black




90980-12353

C24
Black




90980-10735

C25
Dark Gray




90980-10869

C26
Dark Gray




90980-10869

C27
Dark Gray




90980-10869

C28
Dark Gray




90980-11028

C29
Gray



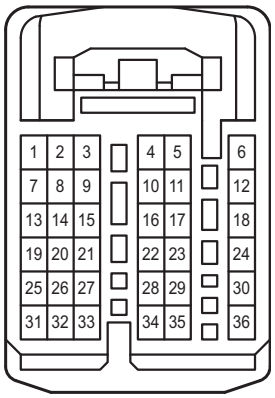

90980-11451

C33
Black



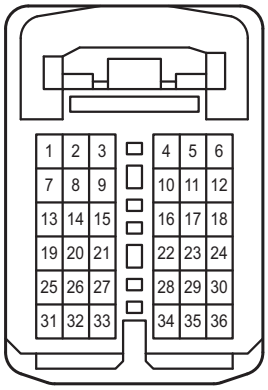

90980-12292

C34
White



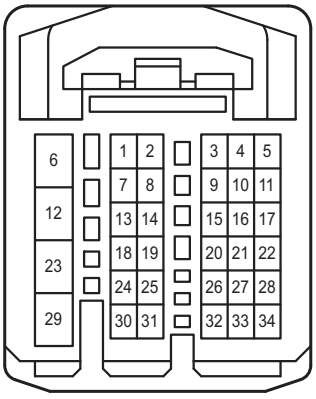

82824-26130

C35
White



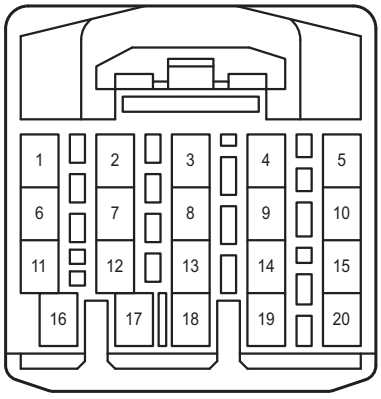

82824-26140

C36
White




82824-26150

C37
White




82824-26160

C44
Black



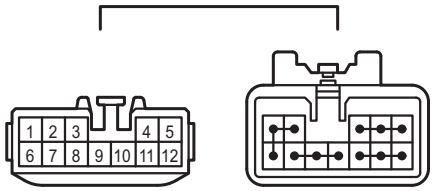

90980-12292

C45
Black



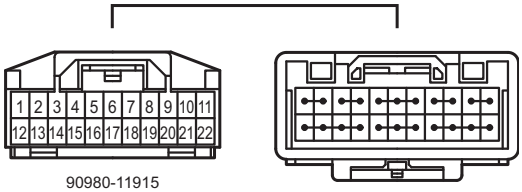

90980-12292

C47
Black




90980-10803

C49
Blue




90980-11915

C138
Black



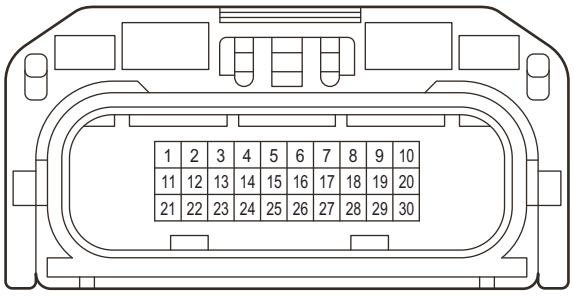

90980-12B06

C145
Dark Gray




90980-10869

C146
Gray




90980-12712

C147
Black



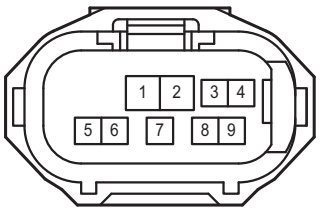

90980-12B06

C148
Black



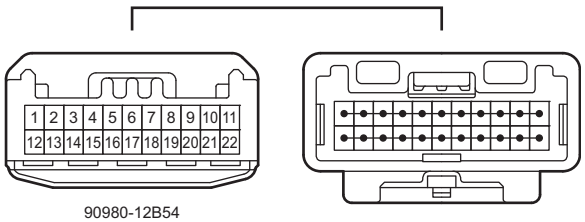

90980-12B06

C159
Gray



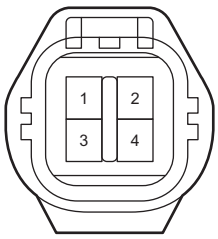

90980-12A23

C190
White



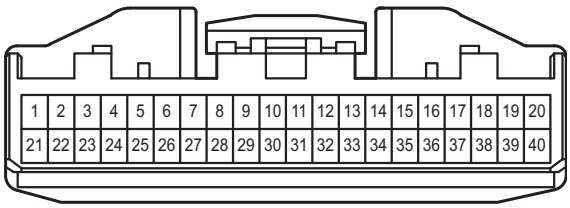

90980-12B54

D3
Black



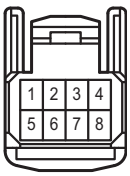

90980-11964

G25
White



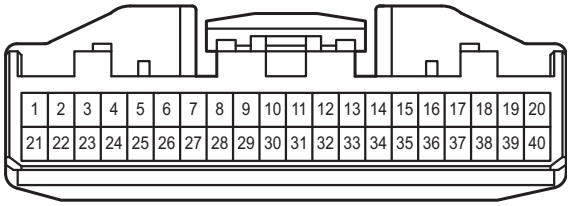

90980-12557

G47
Black



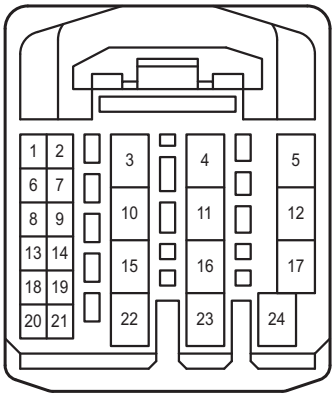

90980-12551

G53
Black



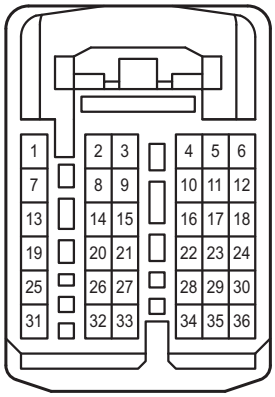

90980-12557

G55
White



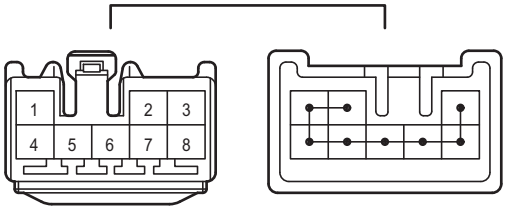

82824-26110

G56
White



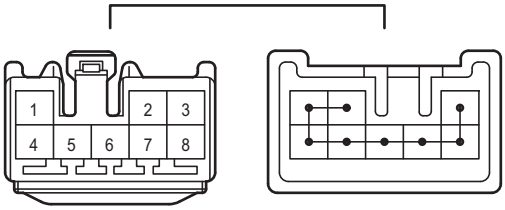

82824-26120

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



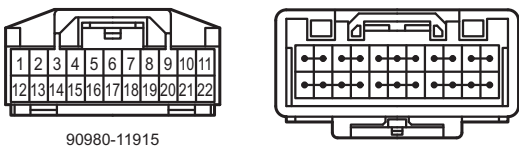

90980-11686

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



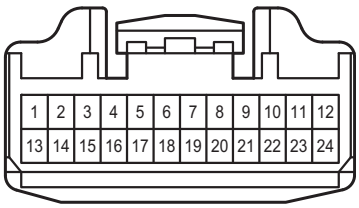

90980-11686

G107
Blue




90980-11915

G156
Black




90980-12554

G171
Gray



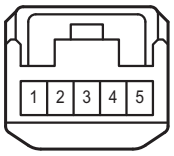

90980-11608

G172
Gray



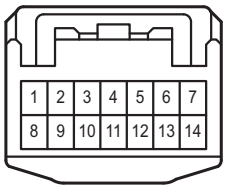

90980-11608

G207
White



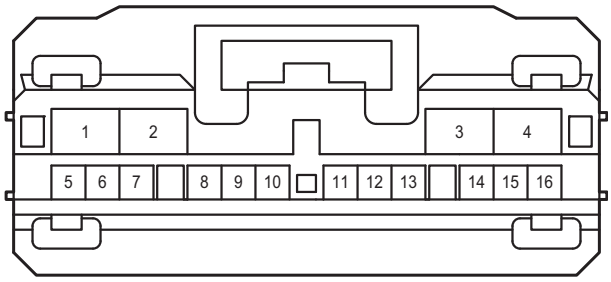

90980-12366

G208
Black



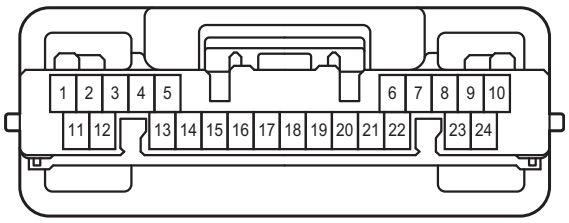

90980-12370

G213
White



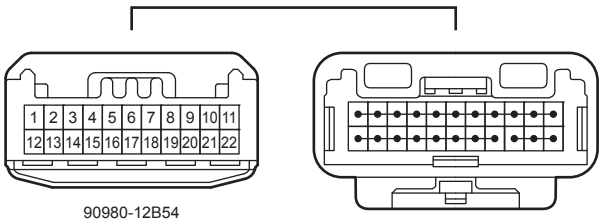

90980-12763

G215
Black



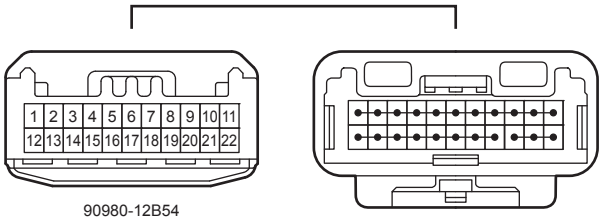

90980-12A42

G235
Gray



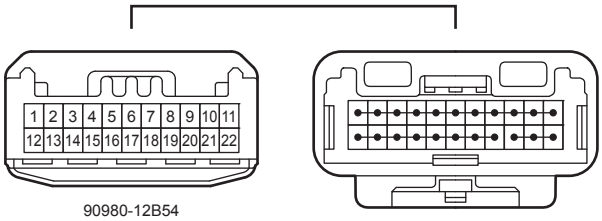

90980-12B54

G237
Blue



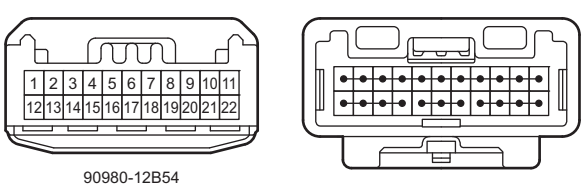

90980-12B54

G243
Blue



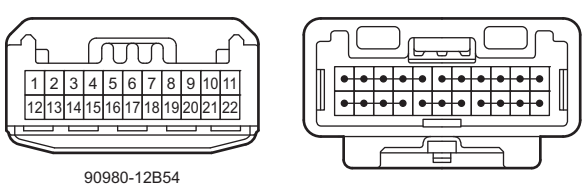

90980-12B54

G244
White



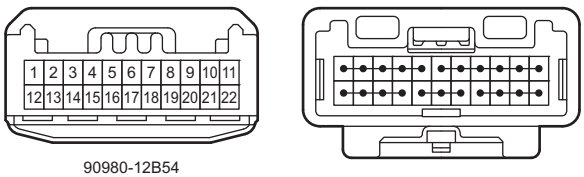

90980-12B54

G247
Gray



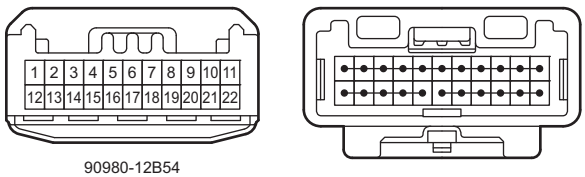

90980-12B54

G249
Blue



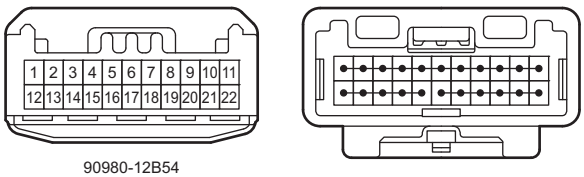

90980-12B54

G251
Blue



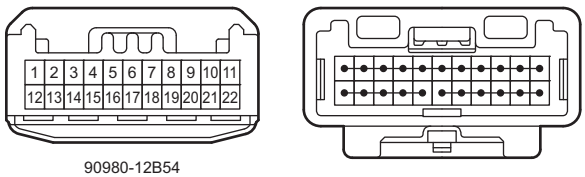

90980-12B54

G252
Gray



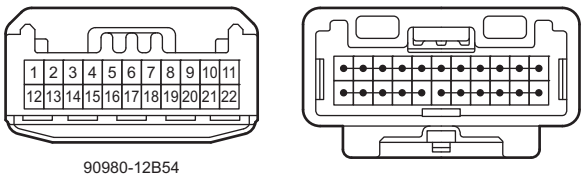

90980-12B54

G253
White



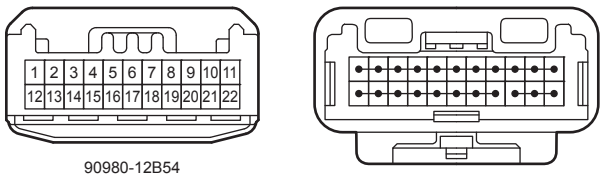

90980-12B54

G257
White



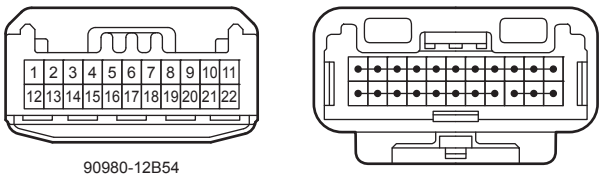

90980-12B54

G259
Blue



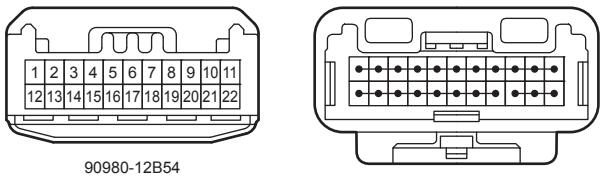

90980-12B54

G261
White



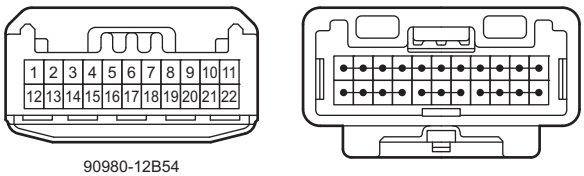

90980-12B54

G263
Blue



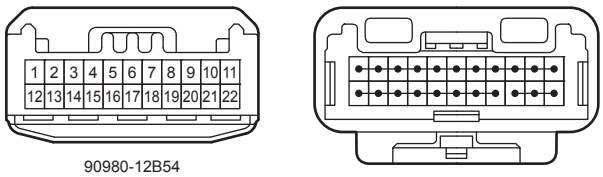

90980-12B54

G264
Gray



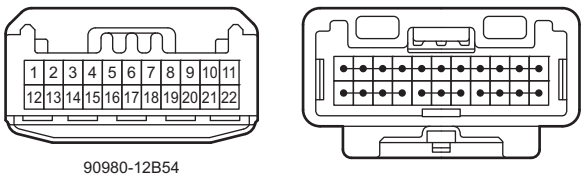

90980-12B54

G265
White



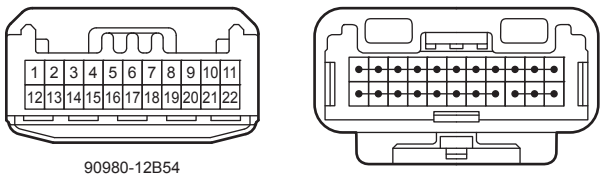

90980-12B54

G266
Blue



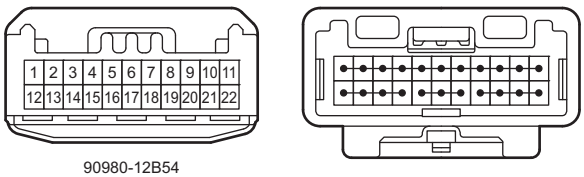

90980-12B54

G267
Blue



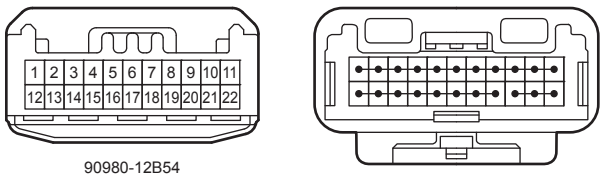

90980-12B54

G268
White



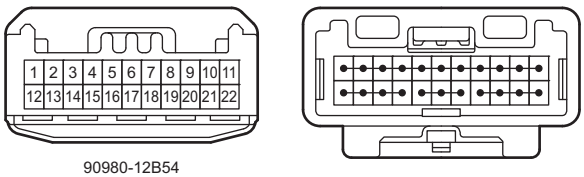

90980-12B54

G269
White



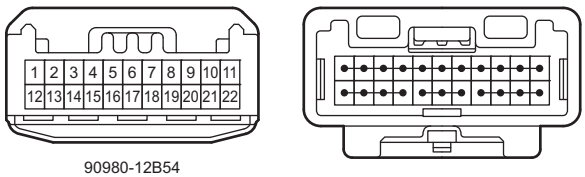

90980-12B54

G270
Blue



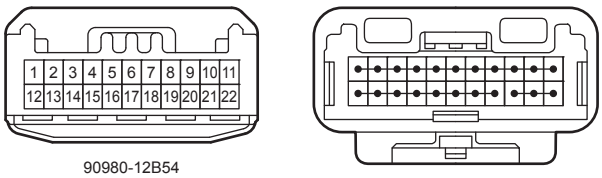

90980-12B54

G271
White



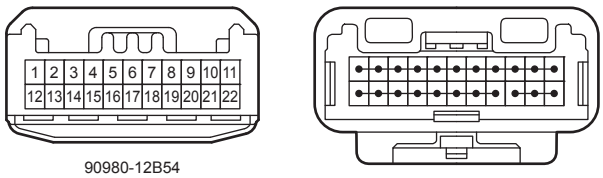

90980-12B54

G272
Gray



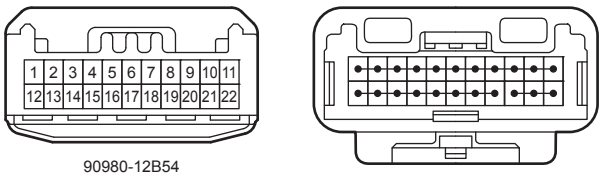

90980-12B54

G275
White



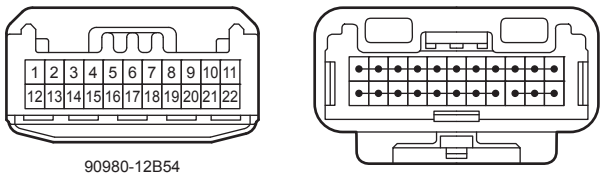

90980-12B54

G277
Blue



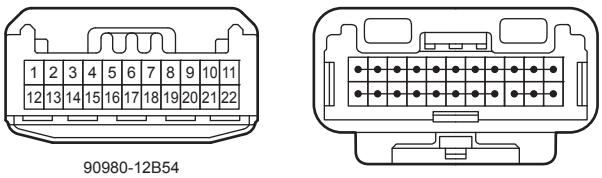

90980-12B54

G279
White



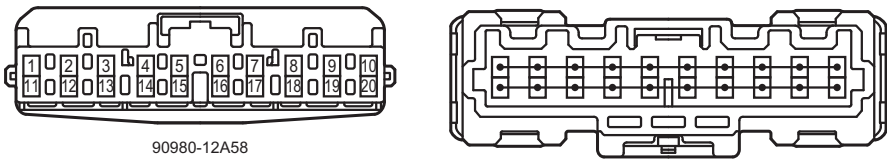

90980-12B54

G283
Blue



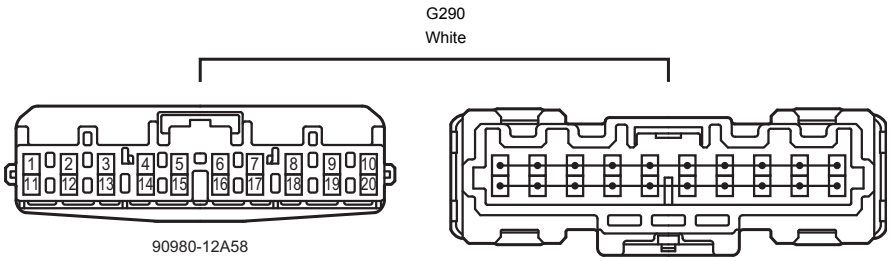

90980-12B54

G286
White



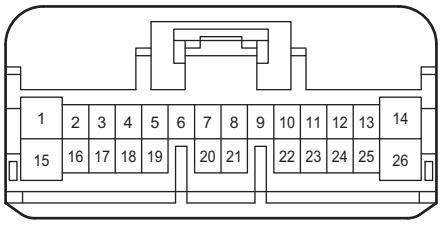

90980-12A58

G290
White



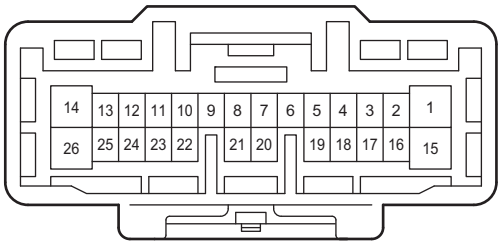

90980-12A58

G301
White



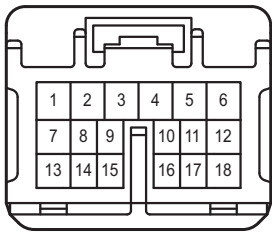

90980-12771

G302
White



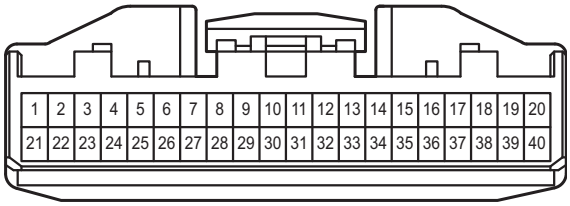

90980-12770

G303
White



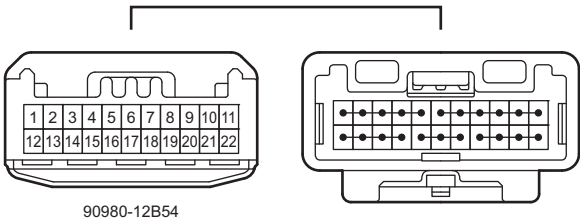

90980-12745

G304
White



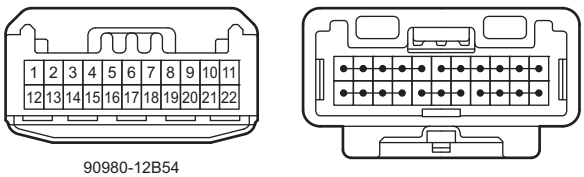

90980-12557

G308
Blue



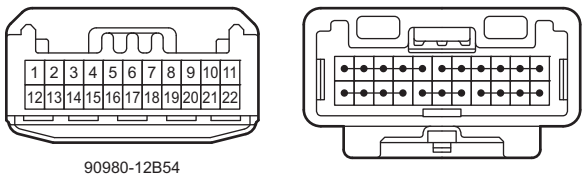

90980-12B54

G309
Blue



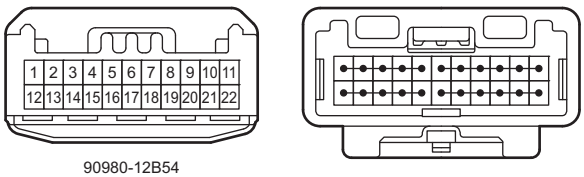

90980-12B54

G310
Gray




90980-12B54

G319
Blue




90980-12B54

S5
White



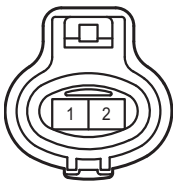

90980-11077

S8
Gray (Before Aug. 2017 Production) / Black (From Aug. 2017 Production)



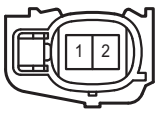

90980-10844

S9
Black



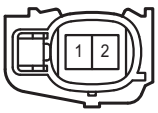

90980-10928

h1
Black



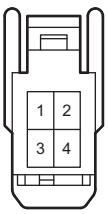

90980-11875

h2
Black



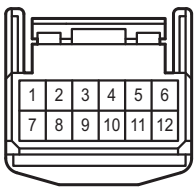

90980-11875

z7
White




90980-12360

z16
Black



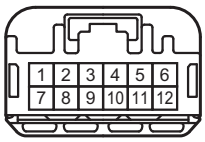

90980-12559

z25
White




90980-12221

1T
White




90980-12A56

1U
White



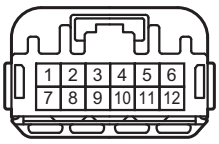

90980-12A55

1V
Black



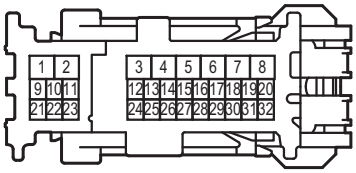

90980-12A54

1W
White



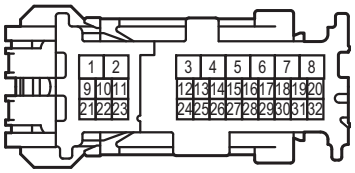

90980-12A91

2M
White



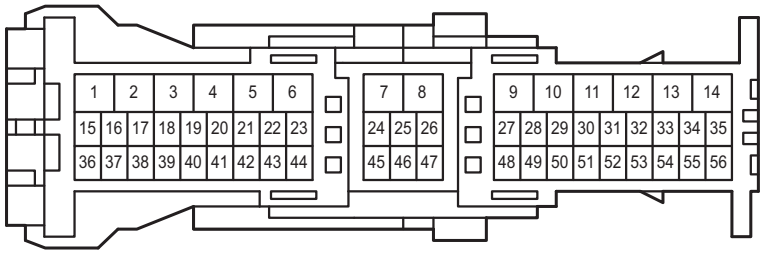

90980-12A47

2N
White



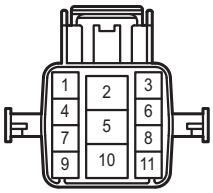

90980-12A48

2O
White

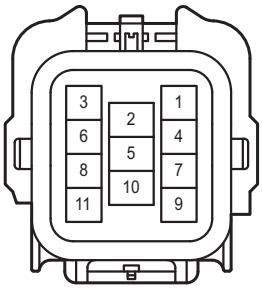



90980-12943

AC1
Black

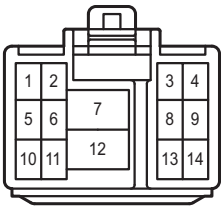



90980-11612

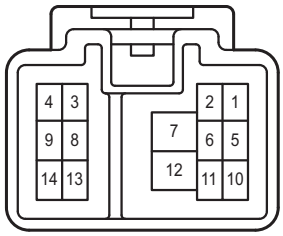



90980-11609

AR2
Gray

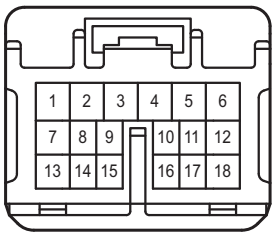



90980-10813

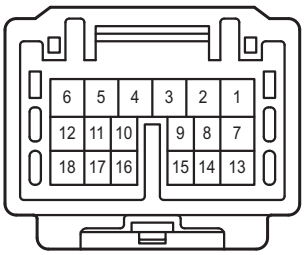



90980-10812

CG1
White

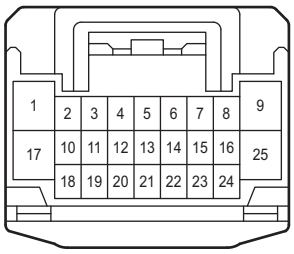



90980-12745

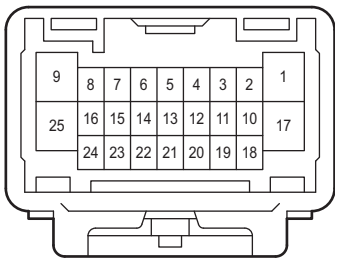



90980-12744

CG2
White




90980-12414




90980-12413

Ch1
Dark Gray

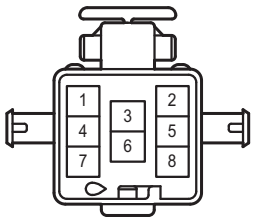



90980-10988

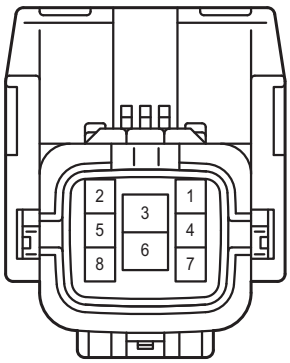



90980-10987

DA1
Black

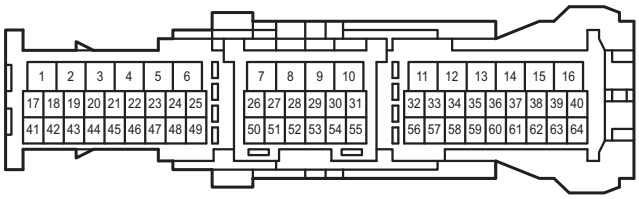



90980-11461

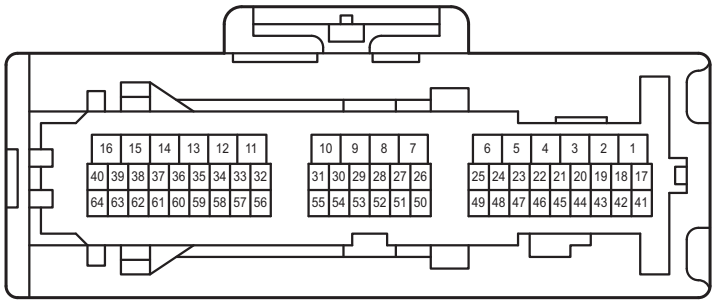



90980-11460

GA1
White

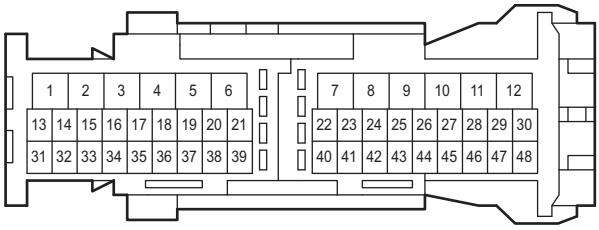



90980-12774

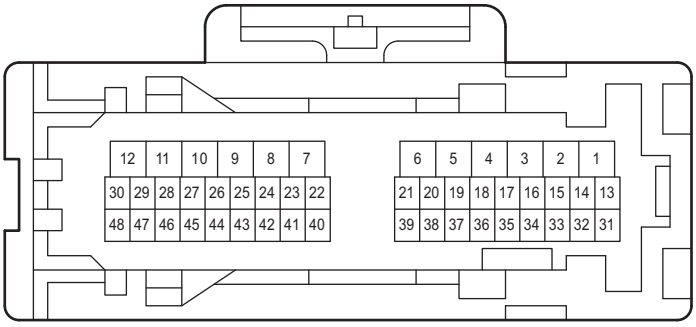



90980-12798

GA2
White

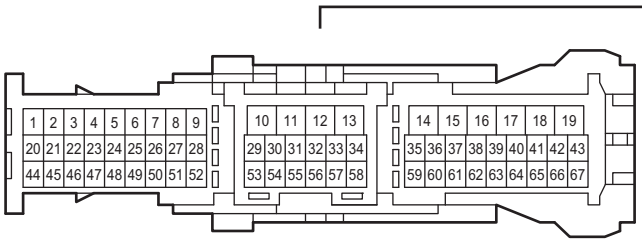



90980-12779

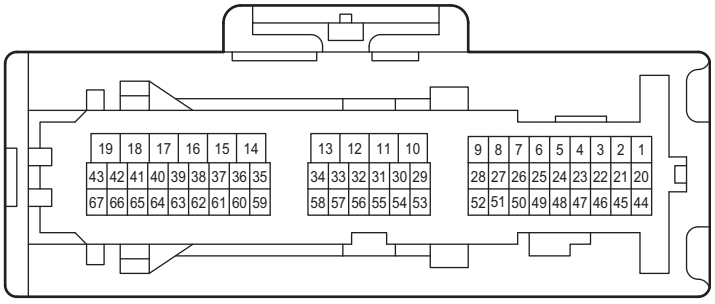



90980-12799

GA6
White

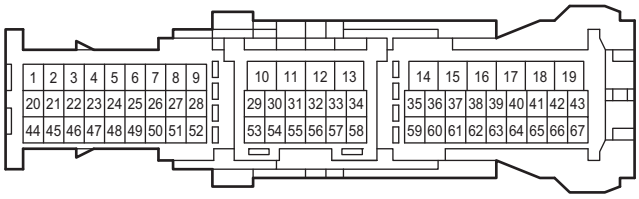



90980-12783

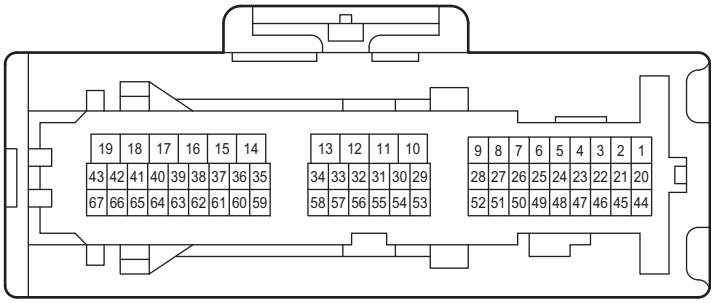



90980-12800

GR1
White




90980-12783




90980-12800

SR3
White




90980-10942




90980-10941