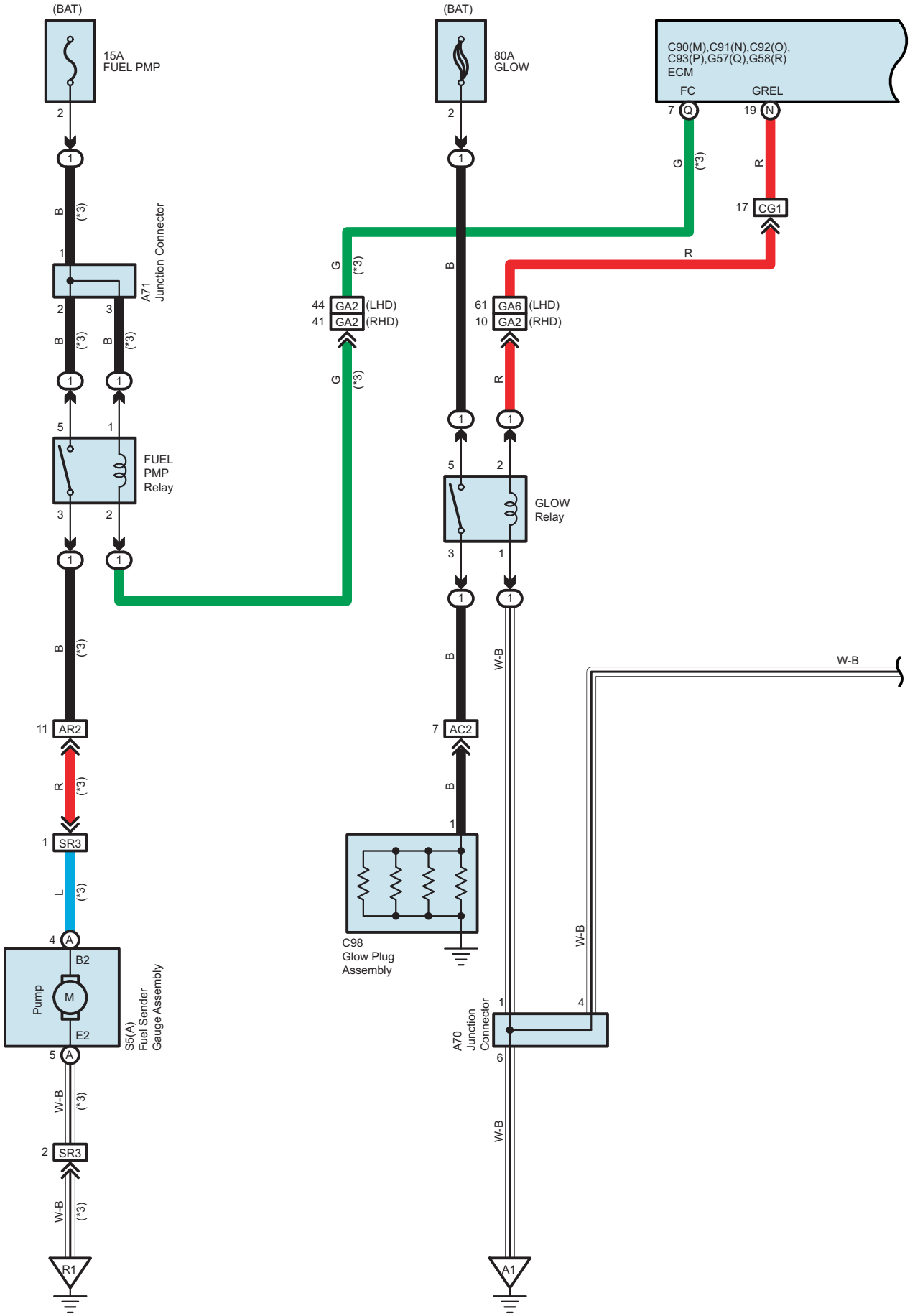
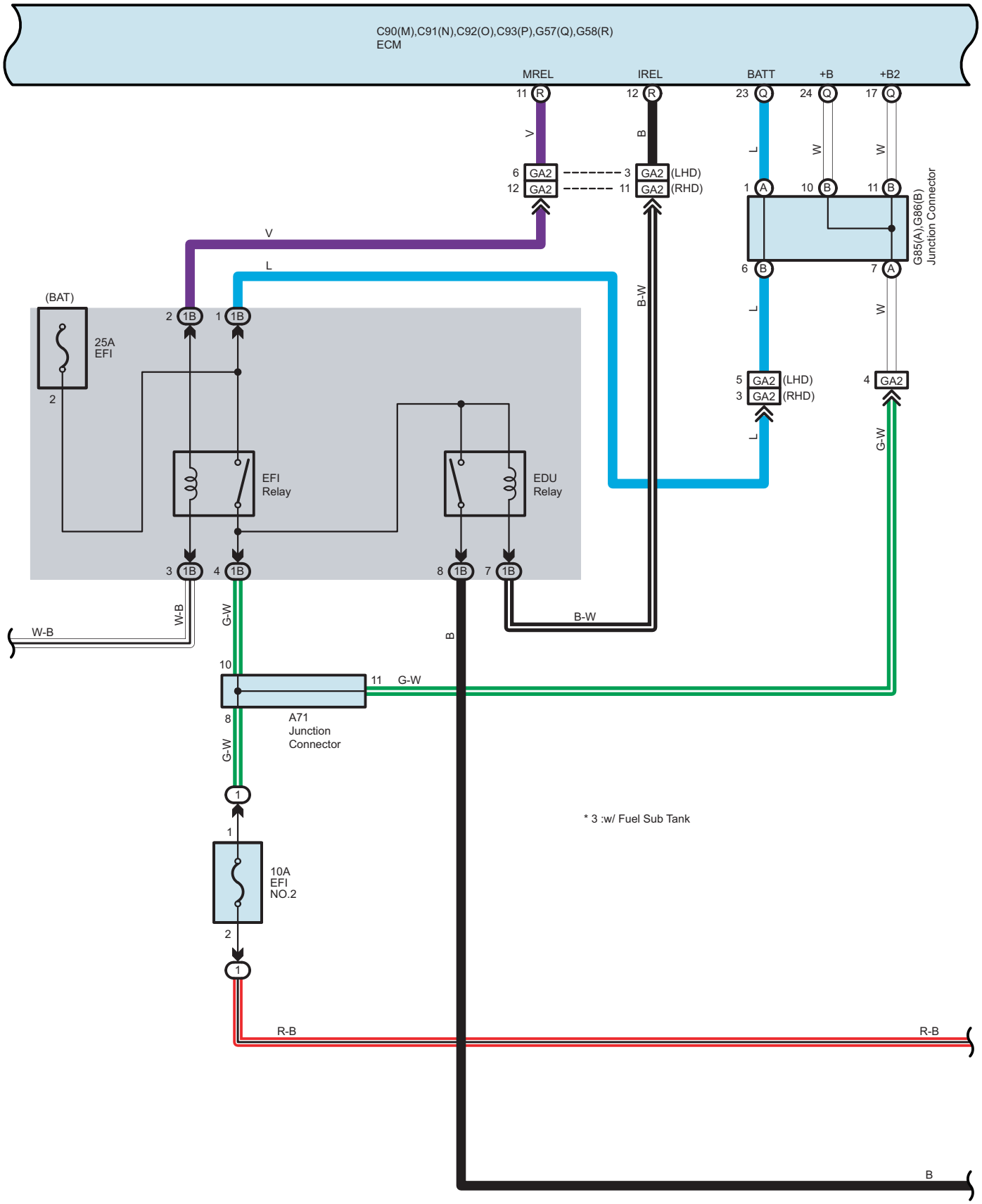
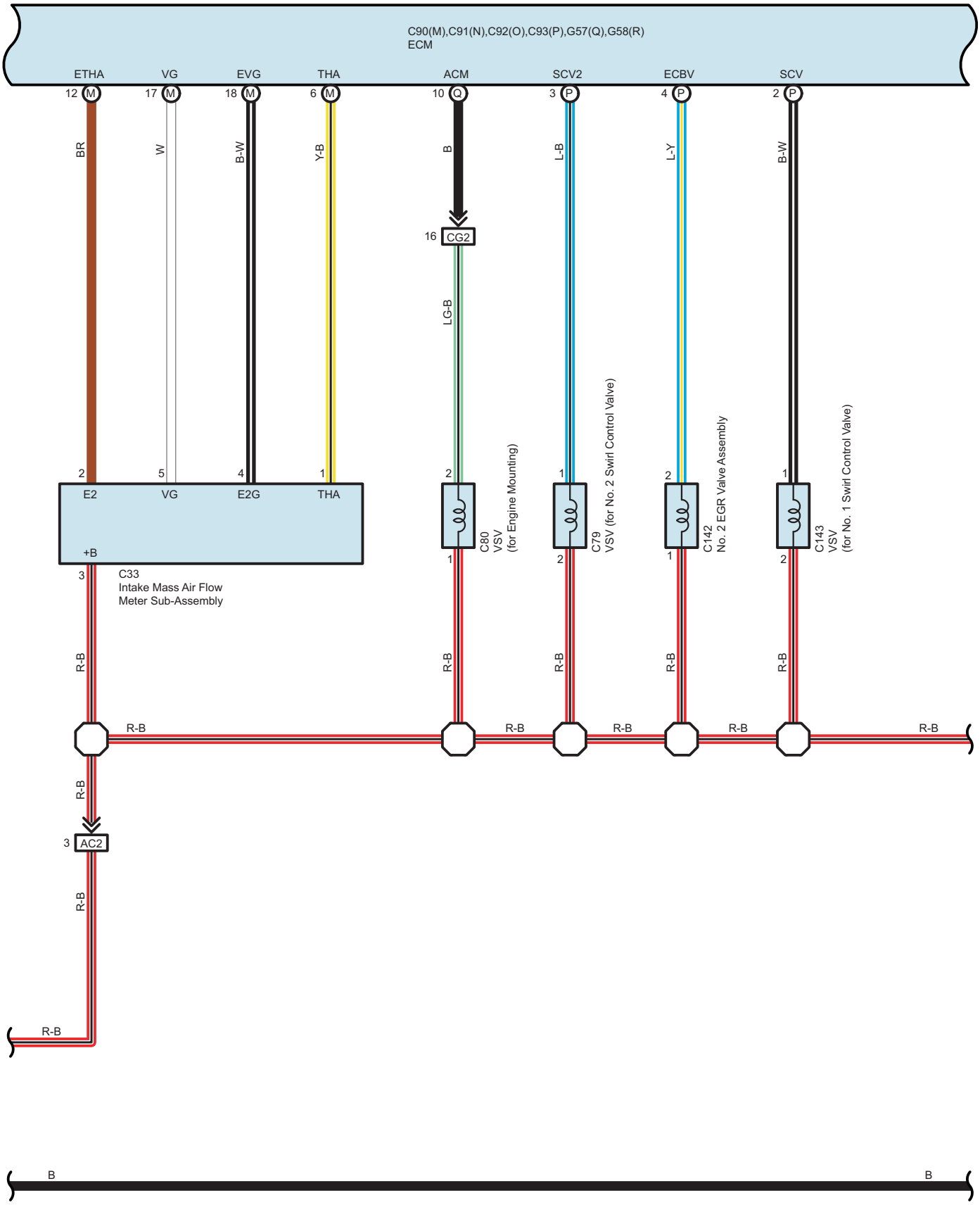
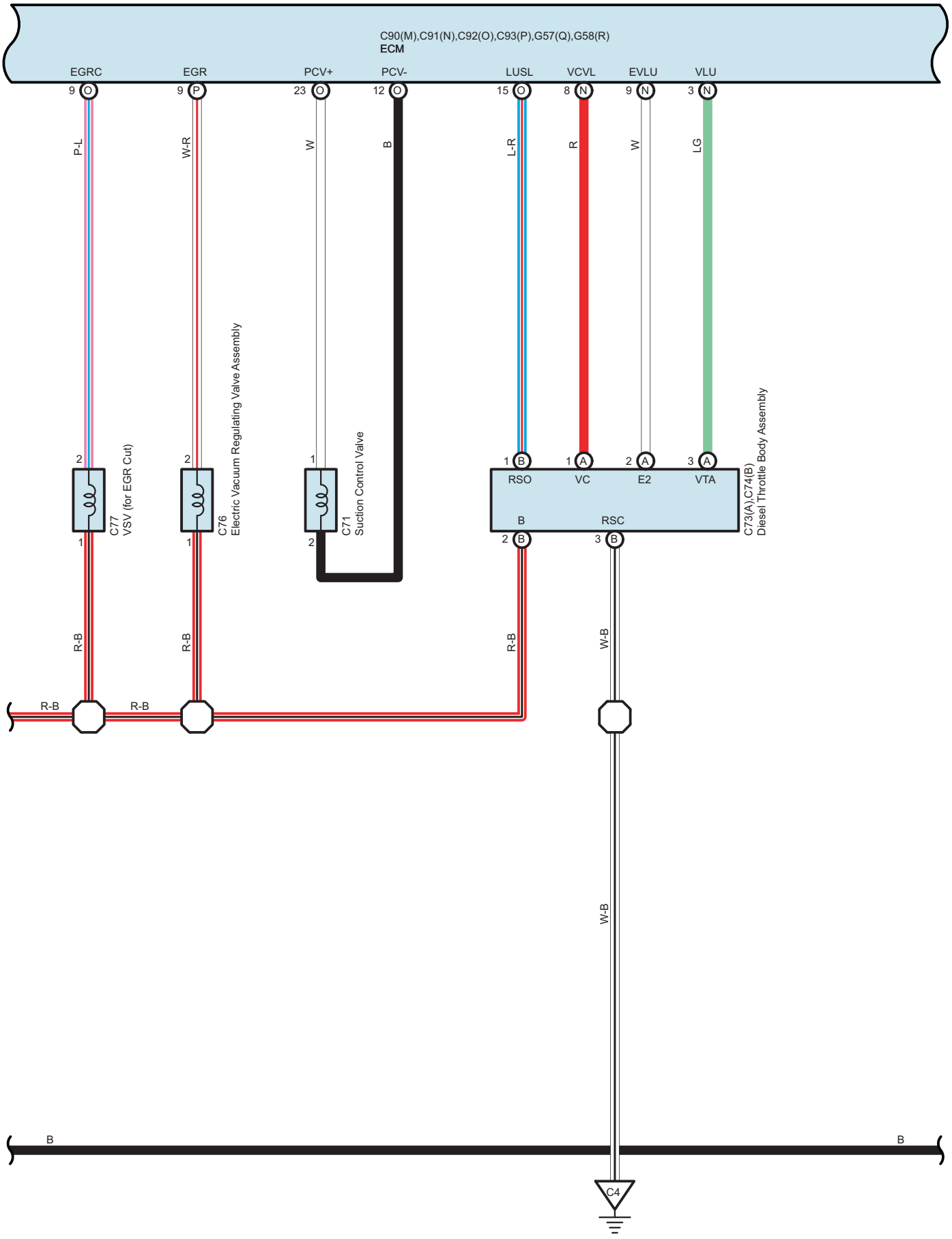
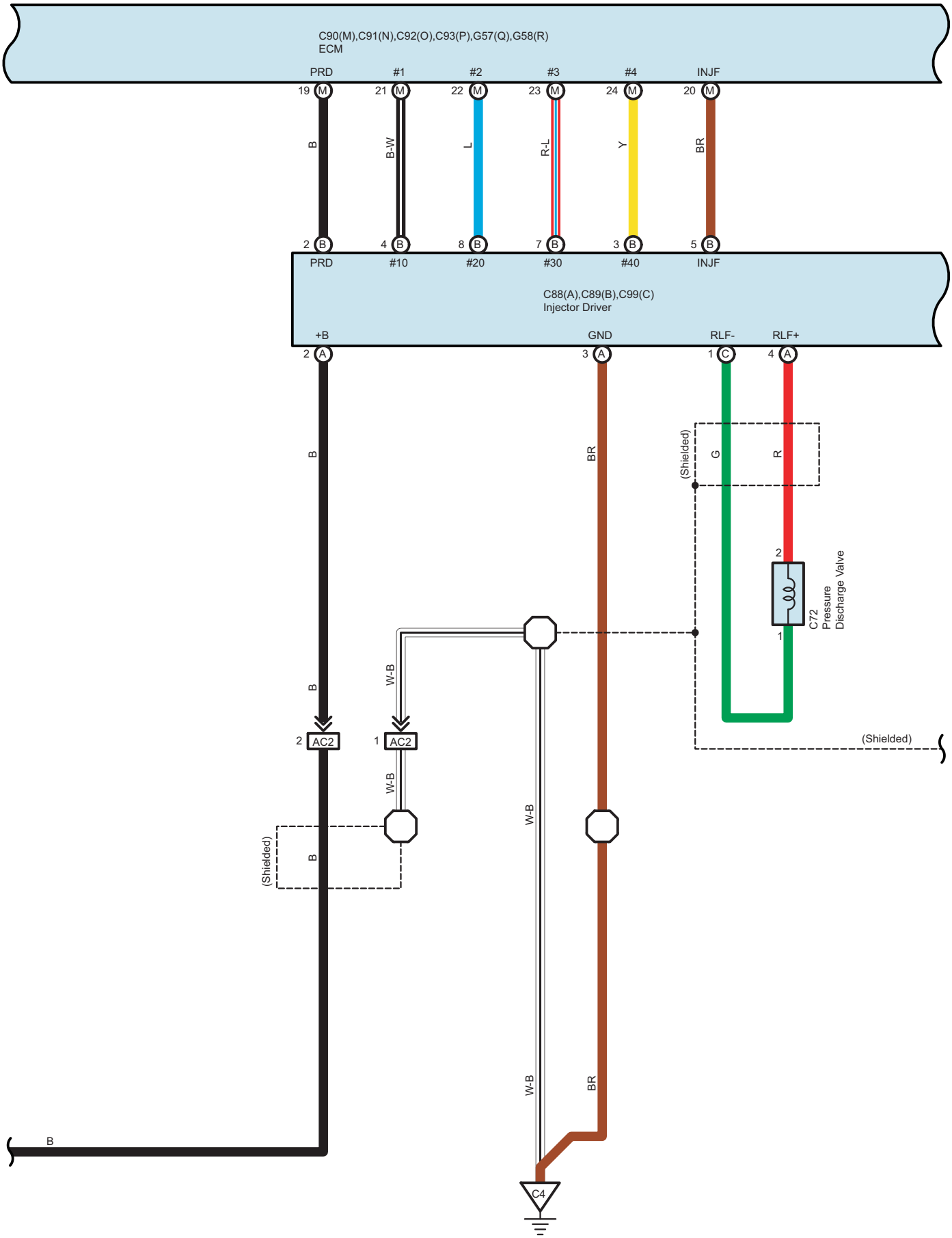
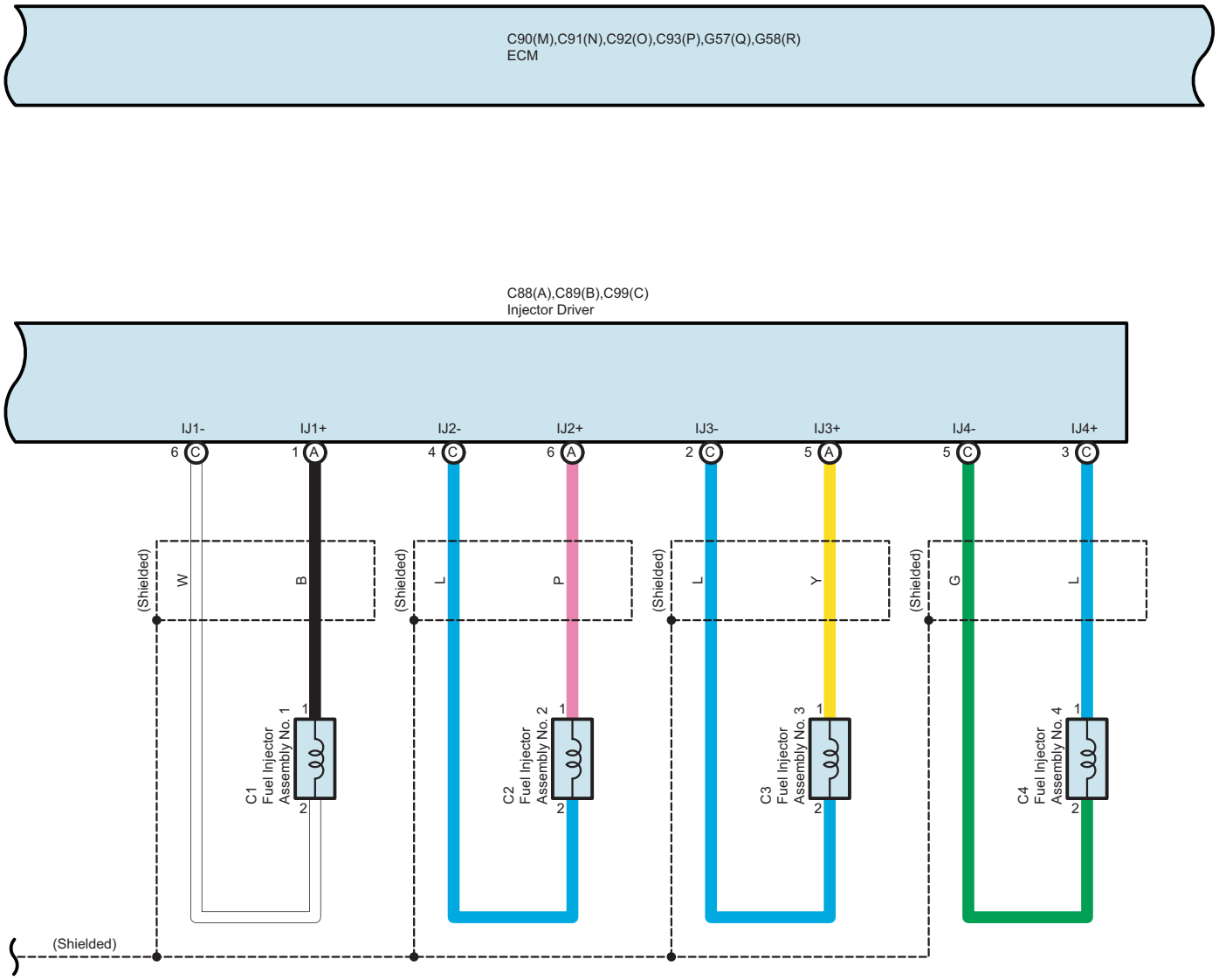

(BAT)
15A
FUEL PMP
2
1
B
(*3)
1
A71
Junction Connector
2
B
(*3)
3
B
(*3)
1
1
5
1
FUEL
PMP
Relay
3
2
1
1
B
(*3)
11
AR2
R
(*3)
1
SR3
L
(*3)
4
A
B2
Pump
M
E2
S5(A)
Fuel Sender
Gauge Assembly
5
A
W-B
(*3)
2
SR3
W-B
(*3)
R1
(BAT)
80A
GLOW
2
1
G
(*3)
44
GA2
(LHD)
41
GA2
(RHD)
G
(*3)
B
61
GA6
(LHD)
10
GA2
(RHD)
R
1
1
5
2
GLOW
Relay
3
1
1
1
B
7
AC2
B
1
C98
Glow Plug
Assembly
C90(M),C91(N),C92(O),
C93(P),G57(Q),G58(R)
ECM
FC
GREL
7
Q
19
N
G
(*3)
R
17
CG1
R
W-B
W-B
1
4
A70
Junction
Connector
6
W-B
A1

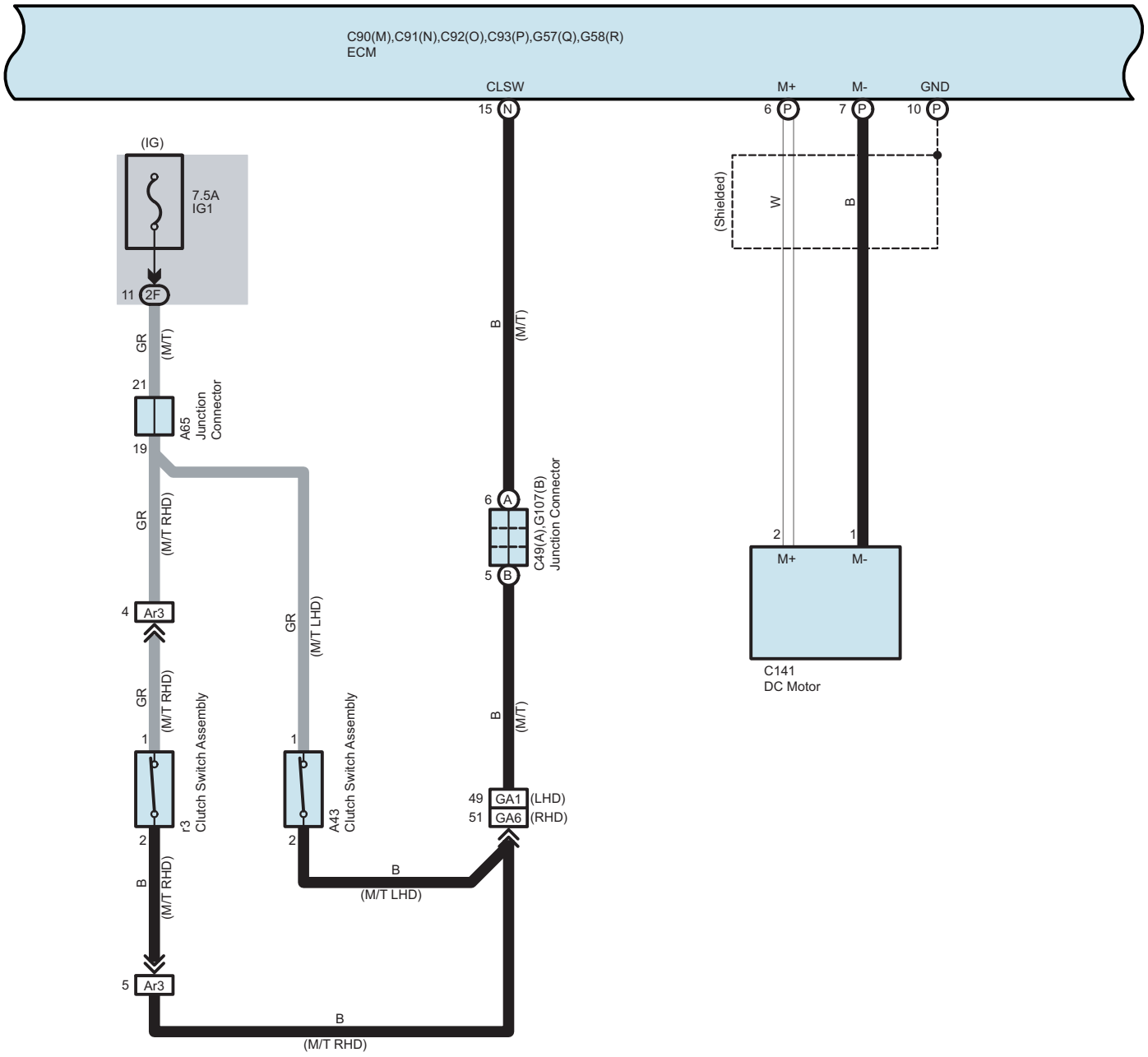

C90(M),C91(N),C92(O),C93(P),G57(Q),G58(R)
ECM
MREL
IREL
BATT
+B
+B2
11 R
12 R
23 Q
24 Q
17 Q
V
B
L
W
W
6 GA2
12 GA2
3 GA2 (LHD)
11 GA2 (RHD)
1 A
10 B
11 B
G85(A),G86(B)
Junction Connector
6 B
7 A
V
L
B-W
(BAT)
2 1B
1 1B
25A
EFI
2
L
W
5 GA2 (LHD)
3 GA2 (RHD)
4 GA2
EFI
Relay
EDU
Relay
3 1B
4 1B
8 1B
7 1B
W-B
W-B
G-W
B-W
B
10
11 G-W
8
A71
Junction
Connector
G-W
1
1
10A
EFI
NO.2
2
1
* 3 :w/ Fuel Sub Tank
R-B
R-B
B

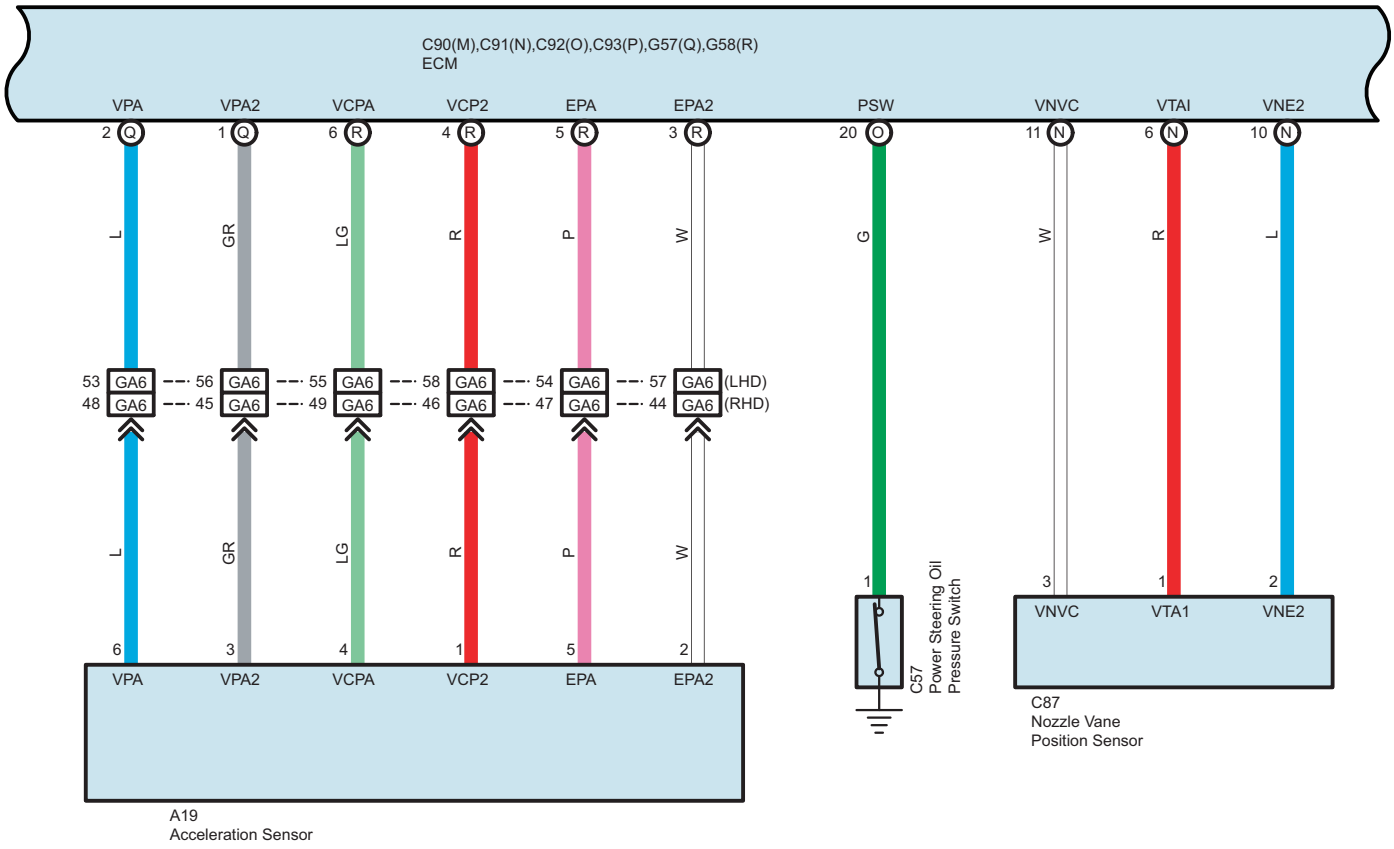

C90(M),C91(N),C92(O),C93(P),G57(Q),G58(R)
ECM
ETHA
VG
EVG
THA
ACM
SCV2
ECBV
SCV
12 M
17 M
18 M
6 M
10 Q
3 P
4 P
2 P
BR
W
B-W
Y-B
B
L-B
L-Y
B-W
16 CG2
LG-B
2
5
4
1
2
1
2
1
E2
VG
E2G
THA
+B
3
C33
Intake Mass Air Flow
Meter Sub-Assembly
C80
VSV
(for Engine Mounting)
C79
VSV (for No. 2 Swirl Control Valve)
C142
No. 2 EGR Valve Assembly
C143
VSV
(for No. 1 Swirl Control Valve)
R-B
3 AC2
B

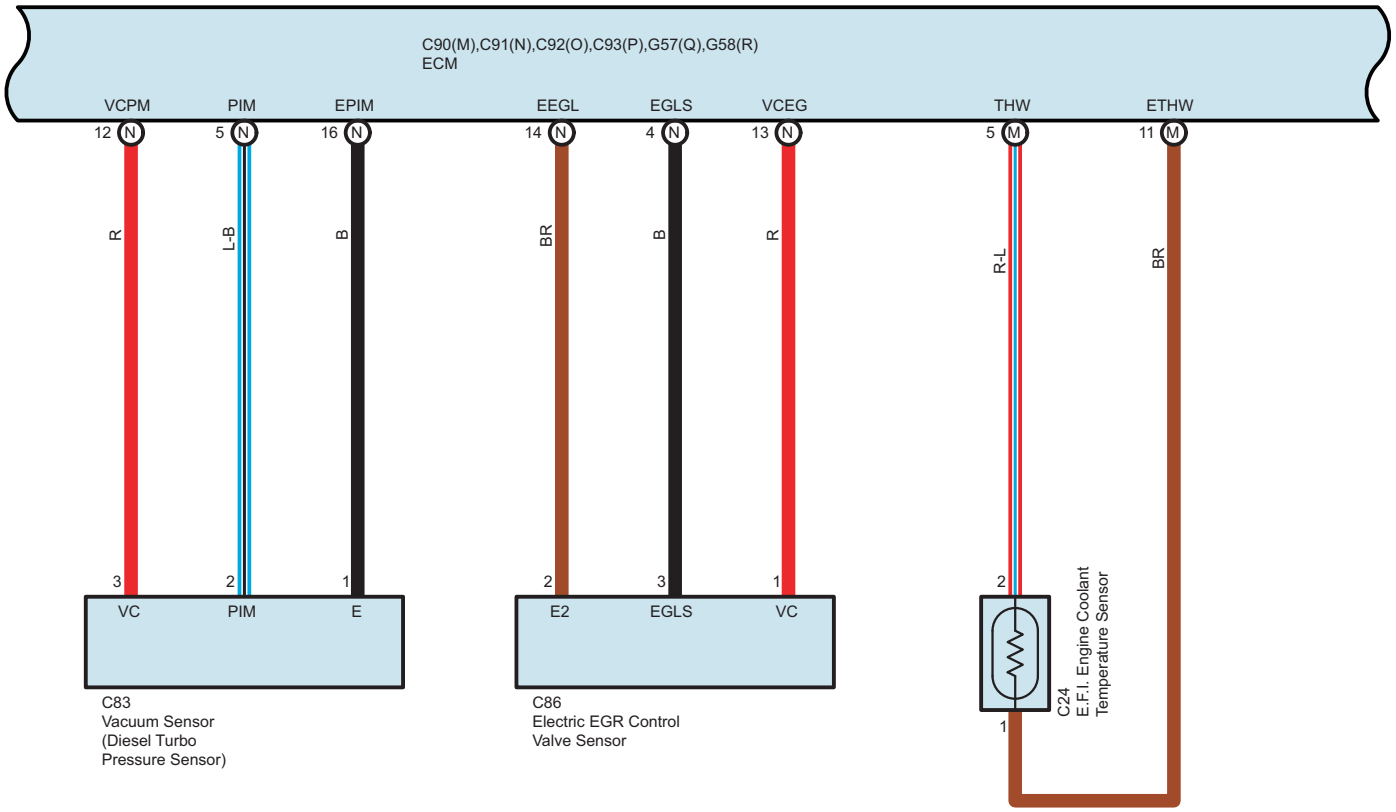

C90(M),C91(N),C92(O),C93(P),G57(Q),G58(R)
ECM
EGRC
EGR
PCV+
PCV-
LUSL
VCVL
EVLU
VLU
9 O
9 P
23 O
12 O
15 O
8 N
9 N
3 N
P-L
W-R
W
B
L-R
R
W
LG
2
1
C77
VSV (for EGR Cut)
C76
Electric Vacuum Regulating Valve Assembly
C71
Suction Control Valve
1 B
1 A
2 A
3 A
RSO
VC
E2
VTA
C73(A),C74(B)
Diesel Throttle Body Assembly
B
RSC
2 B
3 B
R-B
W-B
B
C4

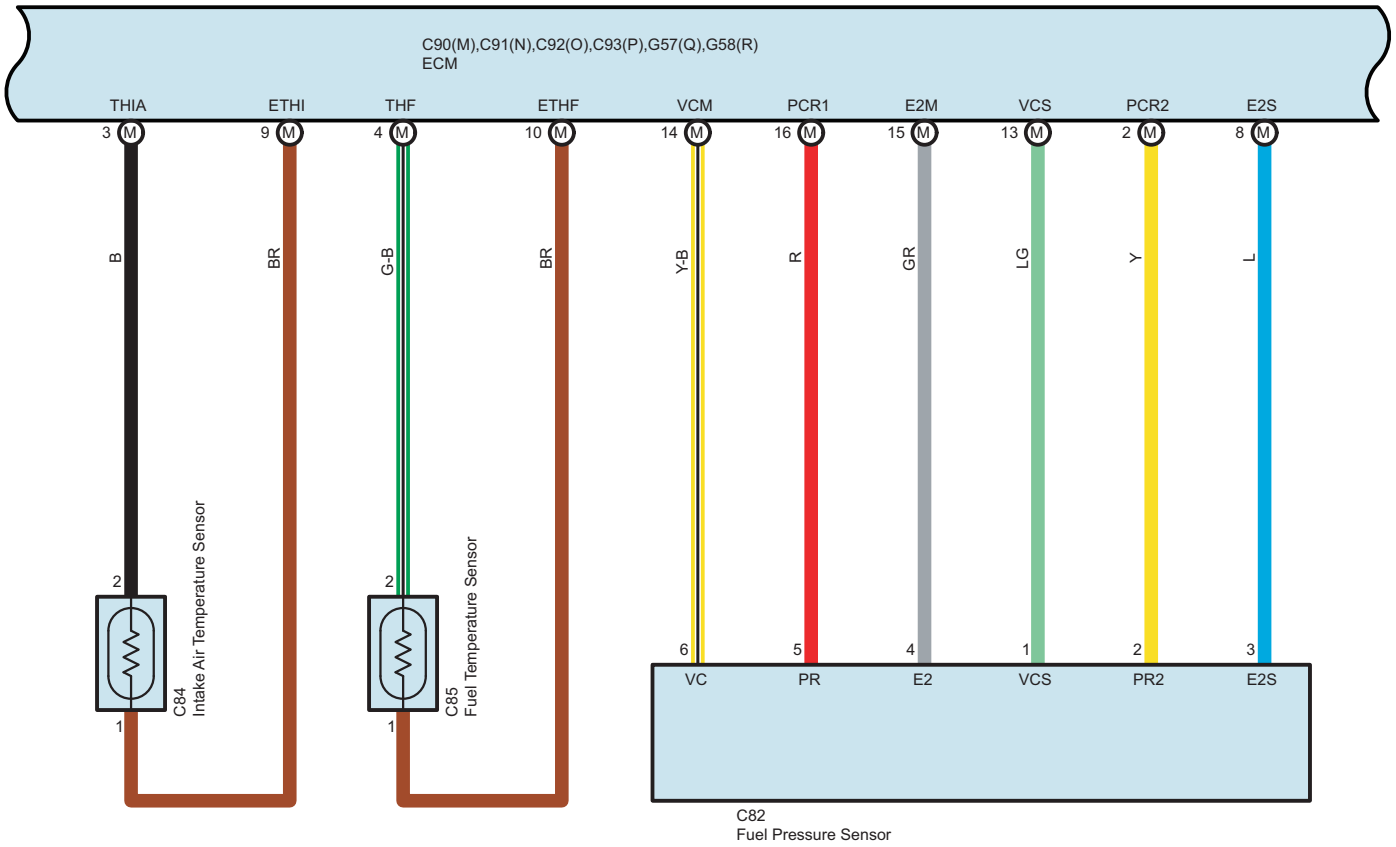

C90(M),C91(N),C92(O),C93(P),G57(Q),G58(R)
ECM
PRD
#1
#2
#3
#4
INJF
19 M
21 M
22 M
23 M
24 M
20 M
B
B-W
L
R-L
Y
BR
2 B
4 B
8 B
7 B
3 B
5 B
PRD
#10
#20
#30
#40
INJF
C88(A),C89(B),C99(C)
Injector Driver
+B
GND
RLF-
RLF+
2 A
3 A
1 C
4 A
B
BR
(Shielded)
G
R
2
C72
Pressure
Discharge Valve
1
W-B
2 AC2
1 AC2
W-B
(Shielded)
B
W-B
(Shielded)
B
W-B
BR
C4

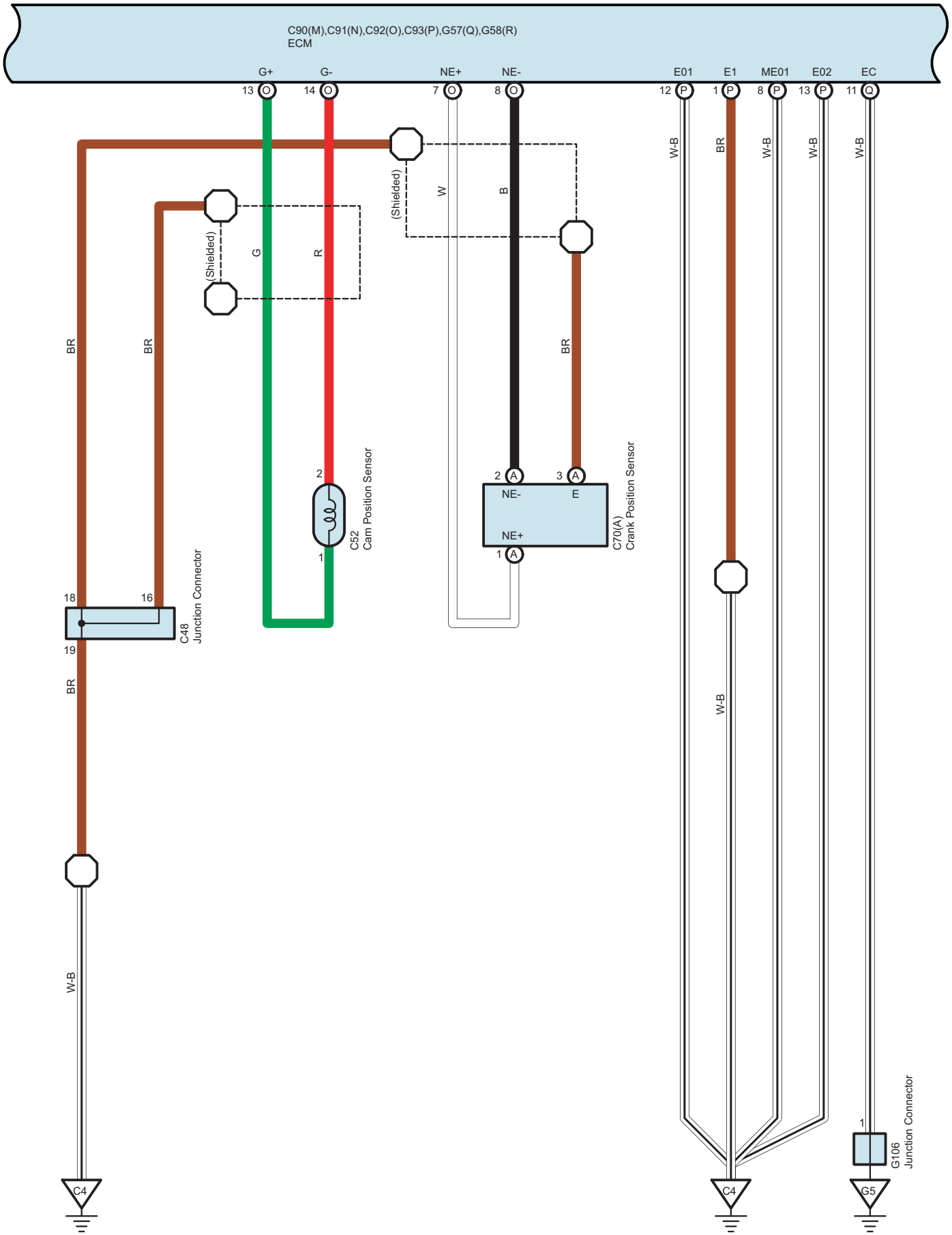

C90(M),C91(N),C92(O),C93(P),G57(Q),G58(R)
ECM
C88(A),C89(B),C99(C)
Injector Driver
IJ1-
IJ1+
IJ2-
IJ2+
IJ3-
IJ3+
IJ4-
IJ4+
6 C
1 A
4 C
6 A
2 C
5 A
5 C
3 C
(Shielded)
W
B
L
P
L
Y
G
L
C1 Fuel Injector Assembly No. 1
C2 Fuel Injector Assembly No. 2
C3 Fuel Injector Assembly No. 3
C4 Fuel Injector Assembly No. 4
1
2
(Shielded)

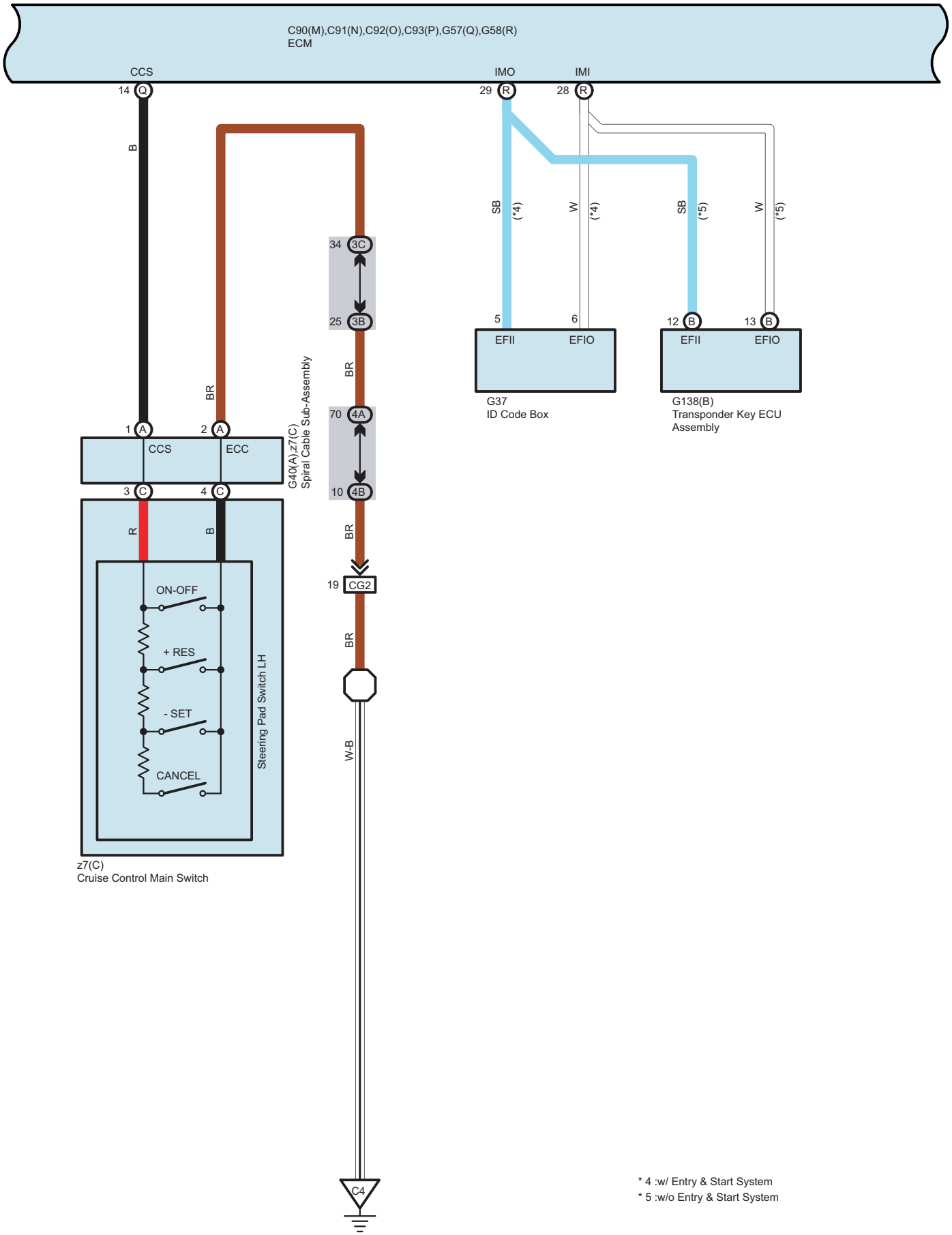

C90(M),C91(N),C92(O),C93(P),G57(Q),G58(R)
ECM
CLSW
15 N
M+
M-
GND
6 P
7 P
10 P
(IG)
7.5A
IG1
11 2F
GR
(M/T)
21
A65
Junction
Connector
19
GR
(M/T RHD)
4 Ar3
GR
(M/T RHD)
1
r3
Clutch Switch Assembly
2
B
(M/T RHD)
5 Ar3
B
(M/T RHD)
GR
(M/T LHD)
1
A43
Clutch Switch Assembly
2
B
(M/T LHD)
B
(M/T)
6 A
C49(A),G107(B)
Junction Connector
5 B
B
(M/T)
49 GA1 (LHD)
51 GA6 (RHD)
(Shielded)
W
B
2
1
M+
M-
C141
DC Motor

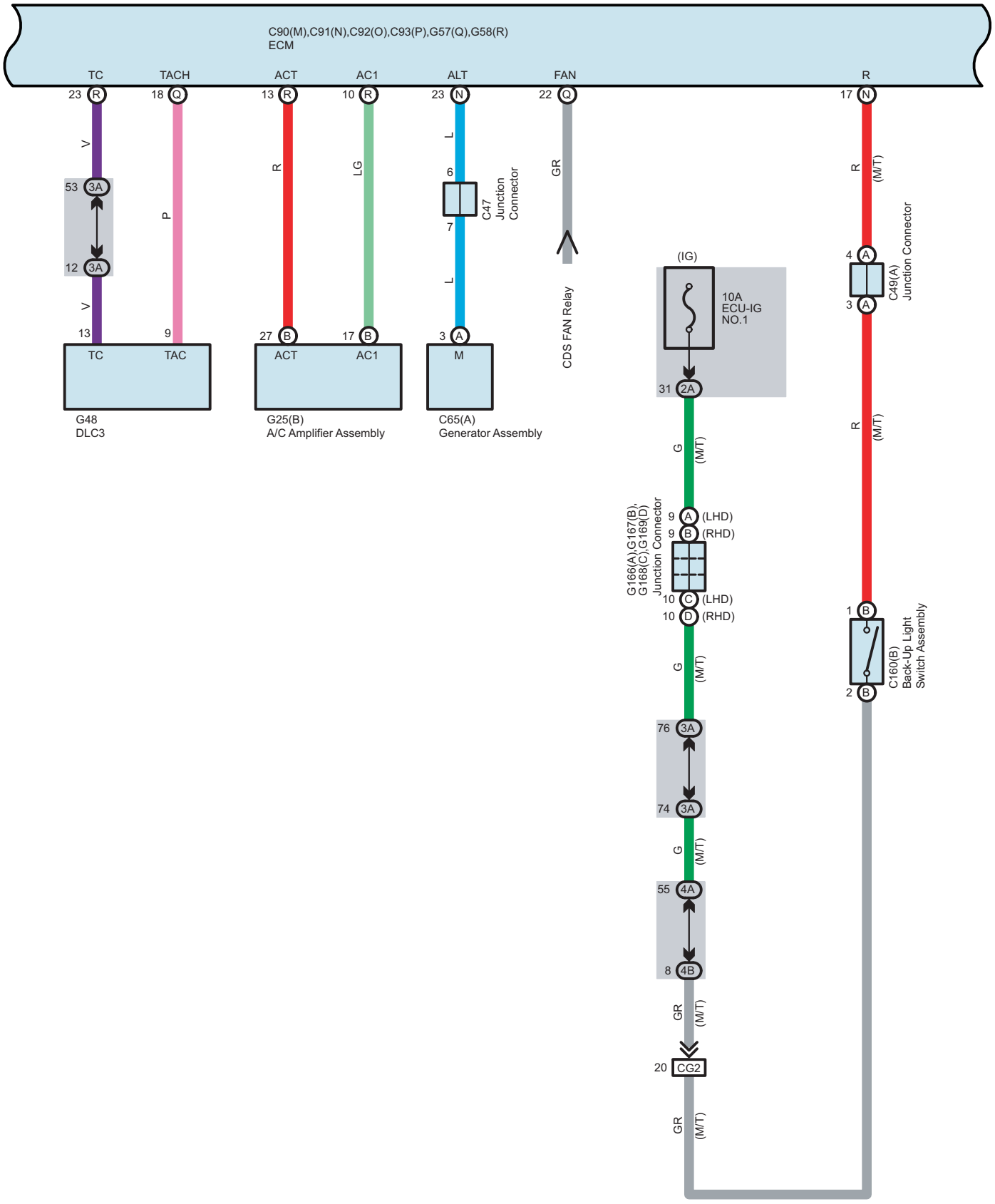

C90(M),C91(N),C92(O),C93(P),G57(Q),G58(R)
ECM
VPA
VPA2
VCPA
VCP2
EPA
EPA2
PSW
VNVC
VTAI
VNE2
2 Q
1 Q
6 R
4 R
5 R
3 R
20 O
11 N
6 N
10 N
L
GR
LG
R
P
W
G
W
R
L
53 GA6
48 GA6
56
45
55
49
58
46
54
47
57
44
(LHD)
(RHD)
6
3
4
1
5
2
1
3
1
2
VPA
VPA2
VCPA
VCP2
EPA
EPA2
VNVC
VTA1
VNE2
A19
Acceleration Sensor
C57
Power Steering Oil
Pressure Switch
C87
Nozzle Vane
Position Sensor

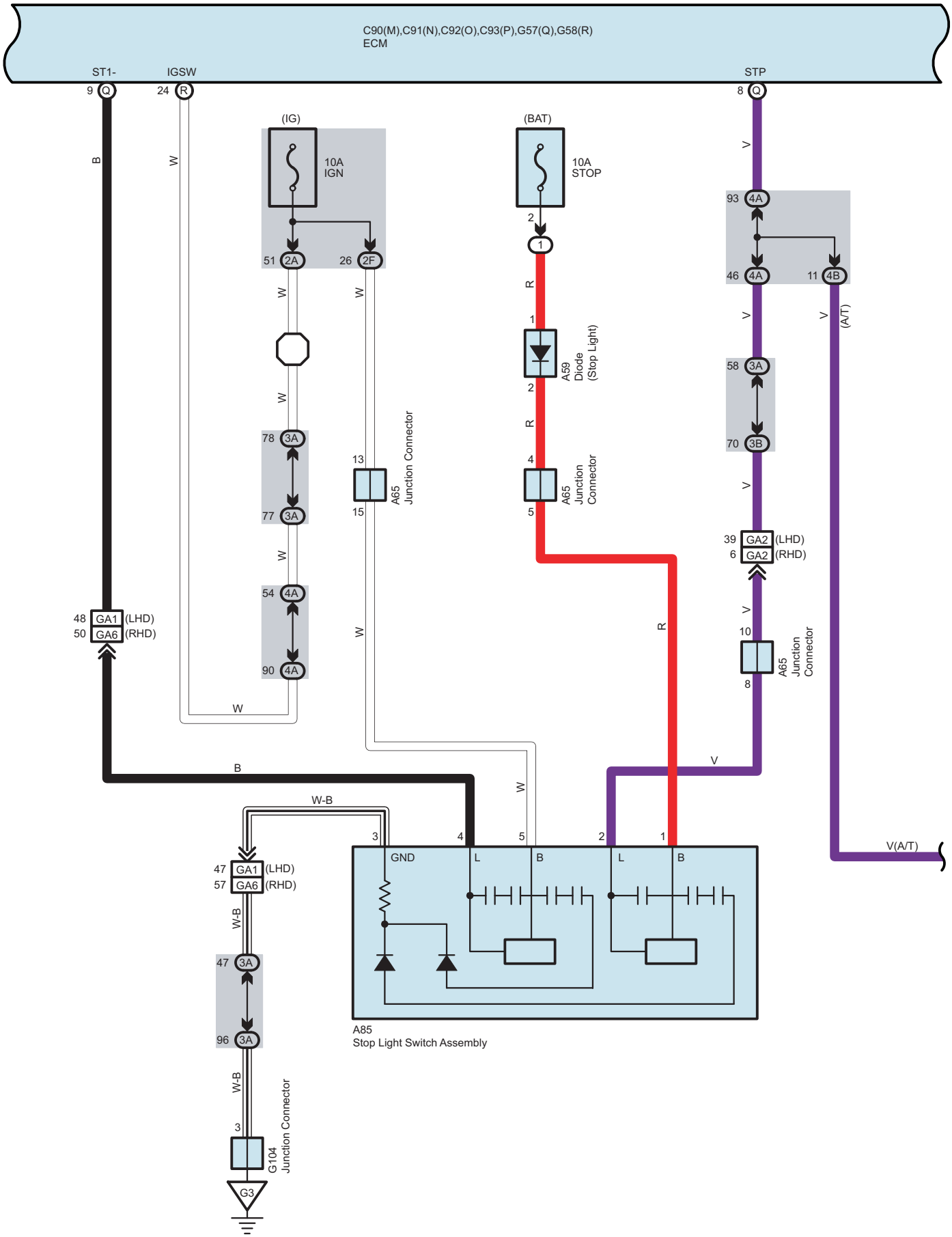

C90(M),C91(N),C92(O),C93(P),G57(Q),G58(R)
ECM
VCPM
PIM
EPIM
EEGL
EGLS
VCEG
THW
ETHW
12 N
5 N
16 N
14 N
4 N
13 N
5 M
11 M
R
L-B
B
BR
B
R
R-L
BR
3
2
1
2
3
1
2
1
VC
PIM
E
E2
EGLS
VC
C83
Vacuum Sensor
(Diesel Turbo
Pressure Sensor)
C86
Electric EGR Control
Valve Sensor
C24
E.F.I. Engine Coolant
Temperature Sensor

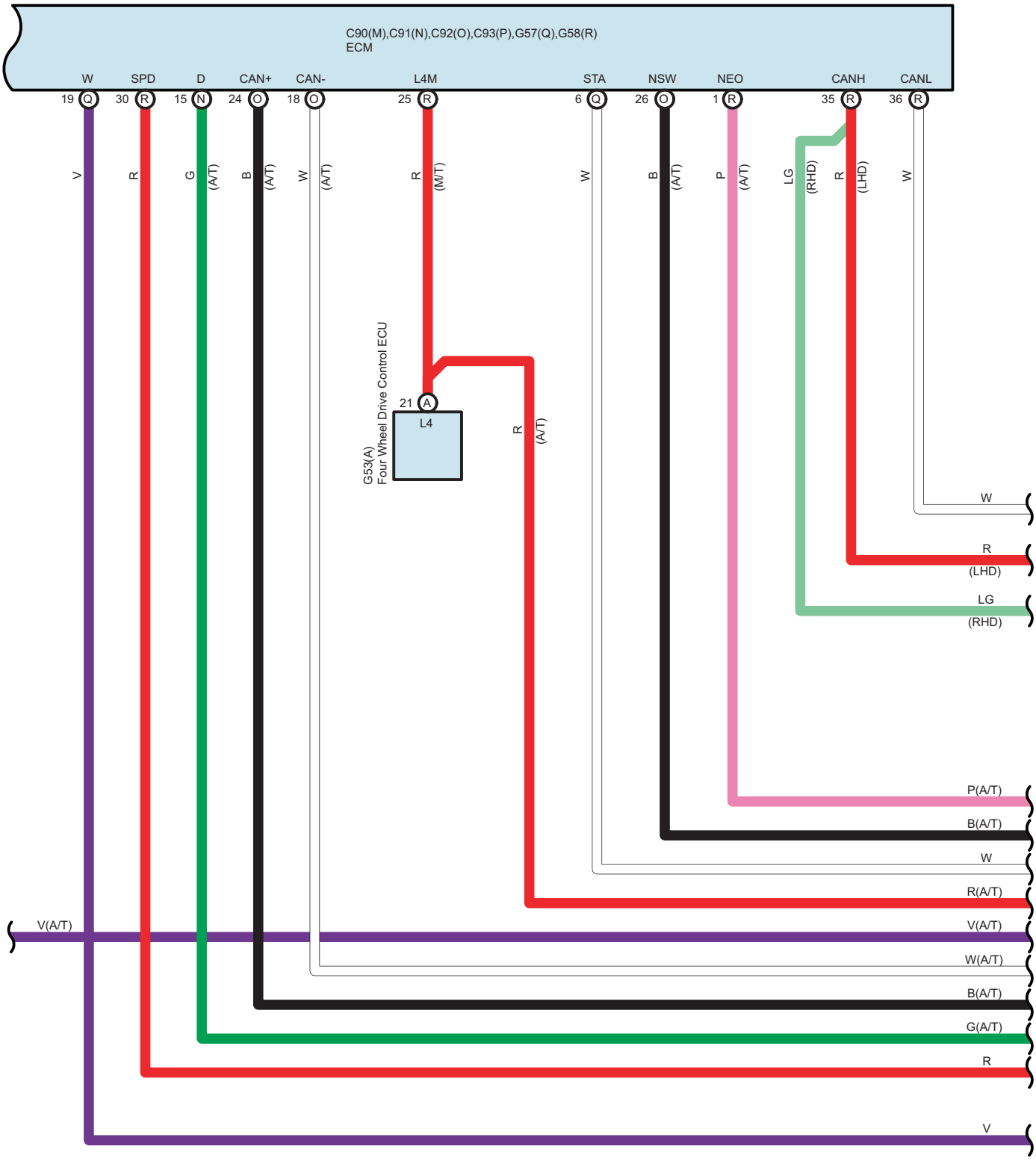

C90(M),C91(N),C92(O),C93(P),G57(Q),G58(R)
ECM
THIA
ETHI
THF
ETHF
VCM
PCR1
E2M
VCS
PCR2
E2S
3
9
4
10
14
16
15
13
2
8
B
BR
G-B
BR
Y-B
R
GR
LG
Y
L
2
2
C84
Intake Air Temperature Sensor
C85
Fuel Temperature Sensor
1
1
6
5
4
1
2
3
VC
PR
E2
VCS
PR2
E2S
C82
Fuel Pressure Sensor

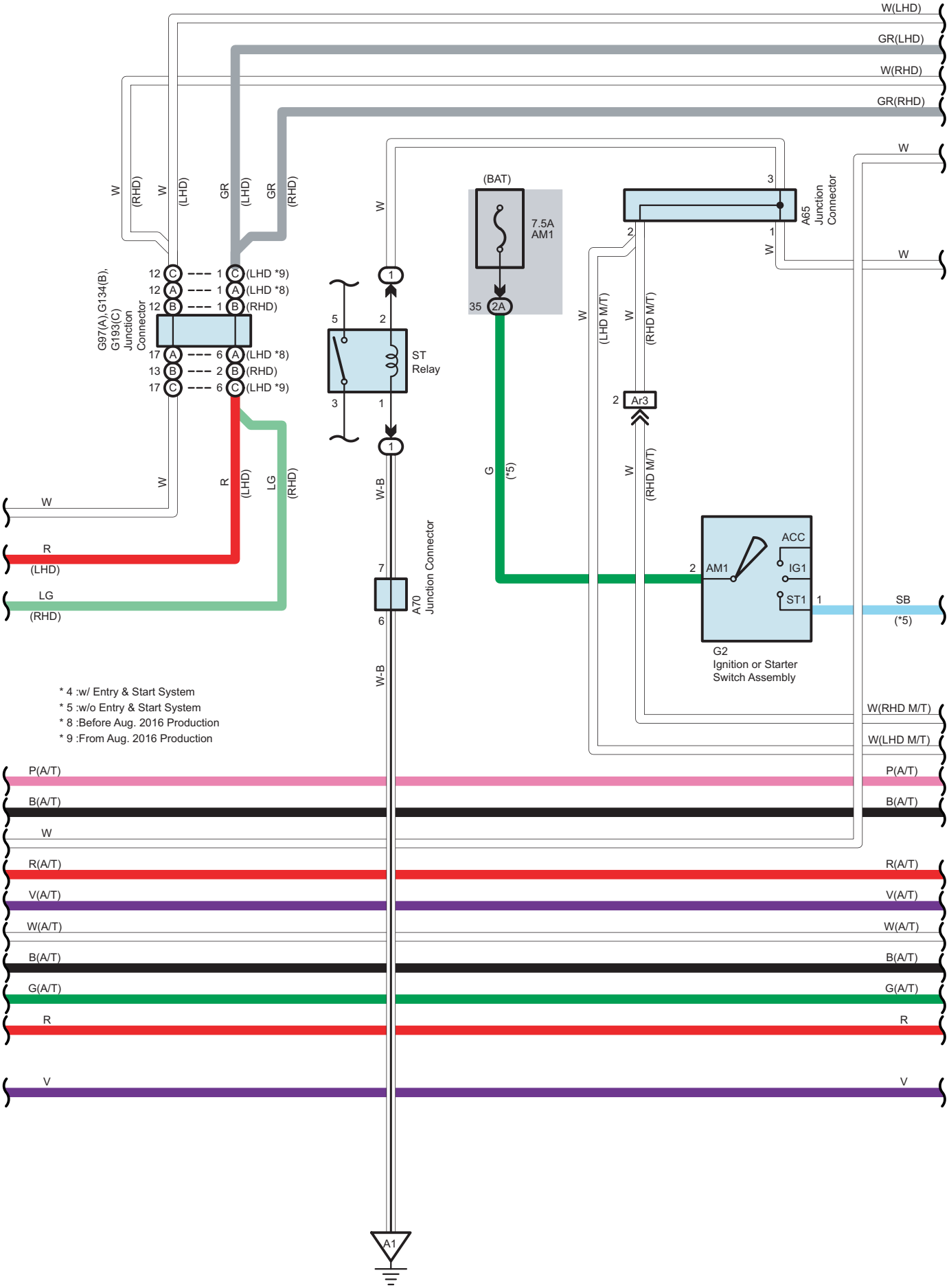

C90(M),C91(N),C92(O),C93(P),G57(Q),G58(R)
ECM
G+
G-
NE+
NE-
E01
E1
ME01
E02
EC
13 O
14 O
7 O
8 O
12 P
1 P
8 P
13 P
11 Q
W-B
BR
W-B
W-B
W-B
(Shielded)
W
B
(Shielded)
G
R
BR
BR
BR
2
1
C52
Cam Position Sensor
2 A
3 A
NE-
E
NE+
1 A
C70(A)
Crank Position Sensor
18
16
19
C48
Junction Connector
BR
W-B
W-B
C4
C4
1
G106
Junction Connector
G5

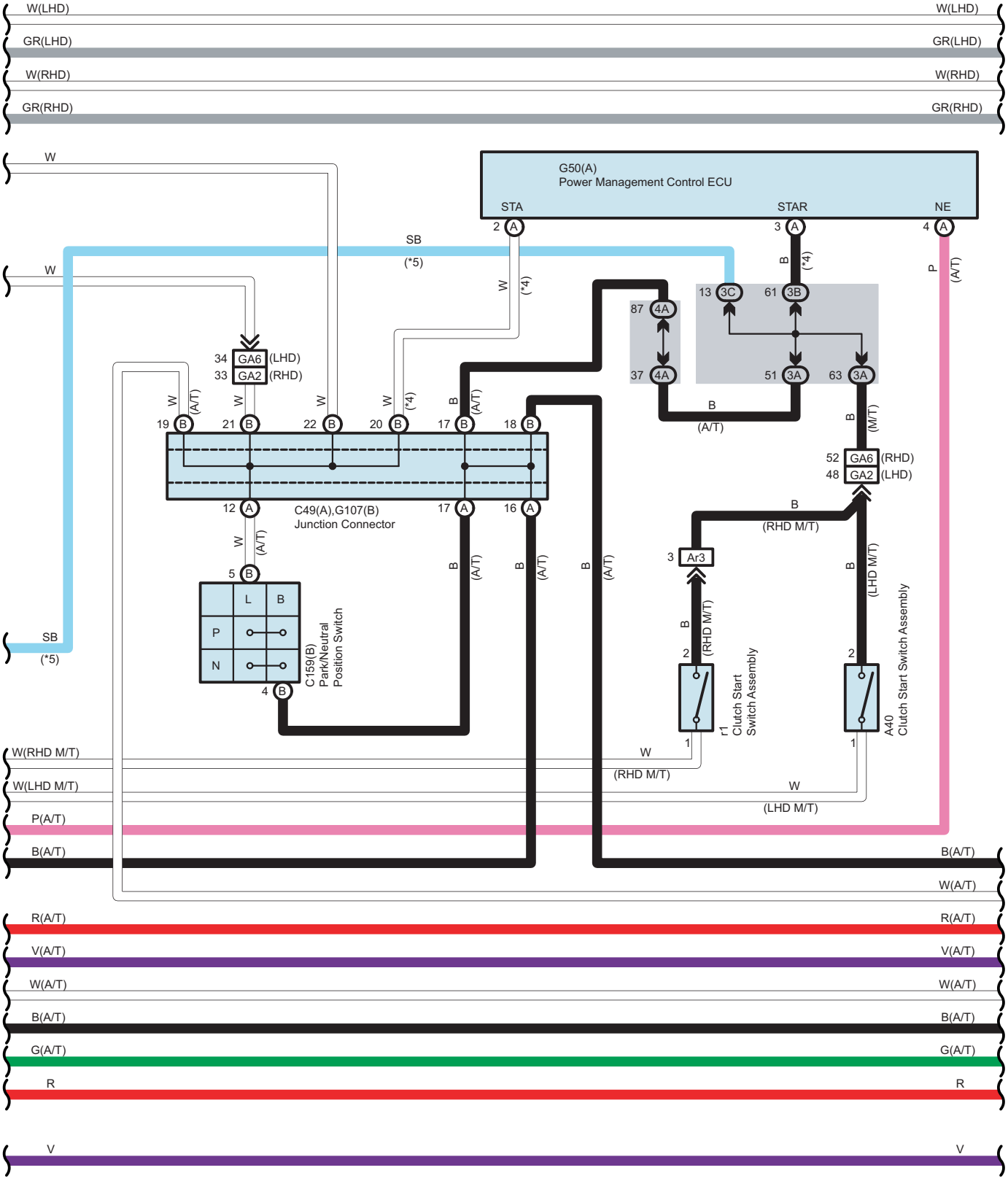

C90(M),C91(N),C92(O),C93(P),G57(Q),G58(R)
ECM
CCS
14 Q
B
IMO
29 R
IMI
28 R
SB
(*4)
W
(*4)
SB
(*5)
W
(*5)
5
EFII
6
EFIO
G37
ID Code Box
12 B
EFII
13 B
EFIO
G138(B)
Transponder Key ECU
Assembly
BR
34 3C
25 3B
BR
70 4A
10 4B
BR
19 CG2
BR
W-B
G40(A),z7(C)
Spiral Cable Sub-Assembly
1 A
CCS
2 A
ECC
3 C
4 C
R
B
ON-OFF
+ RES
- SET
CANCEL
Steering Pad Switch LH
z7(C)
Cruise Control Main Switch
C4
* 4 :w/ Entry & Start System
* 5 :w/o Entry & Start System

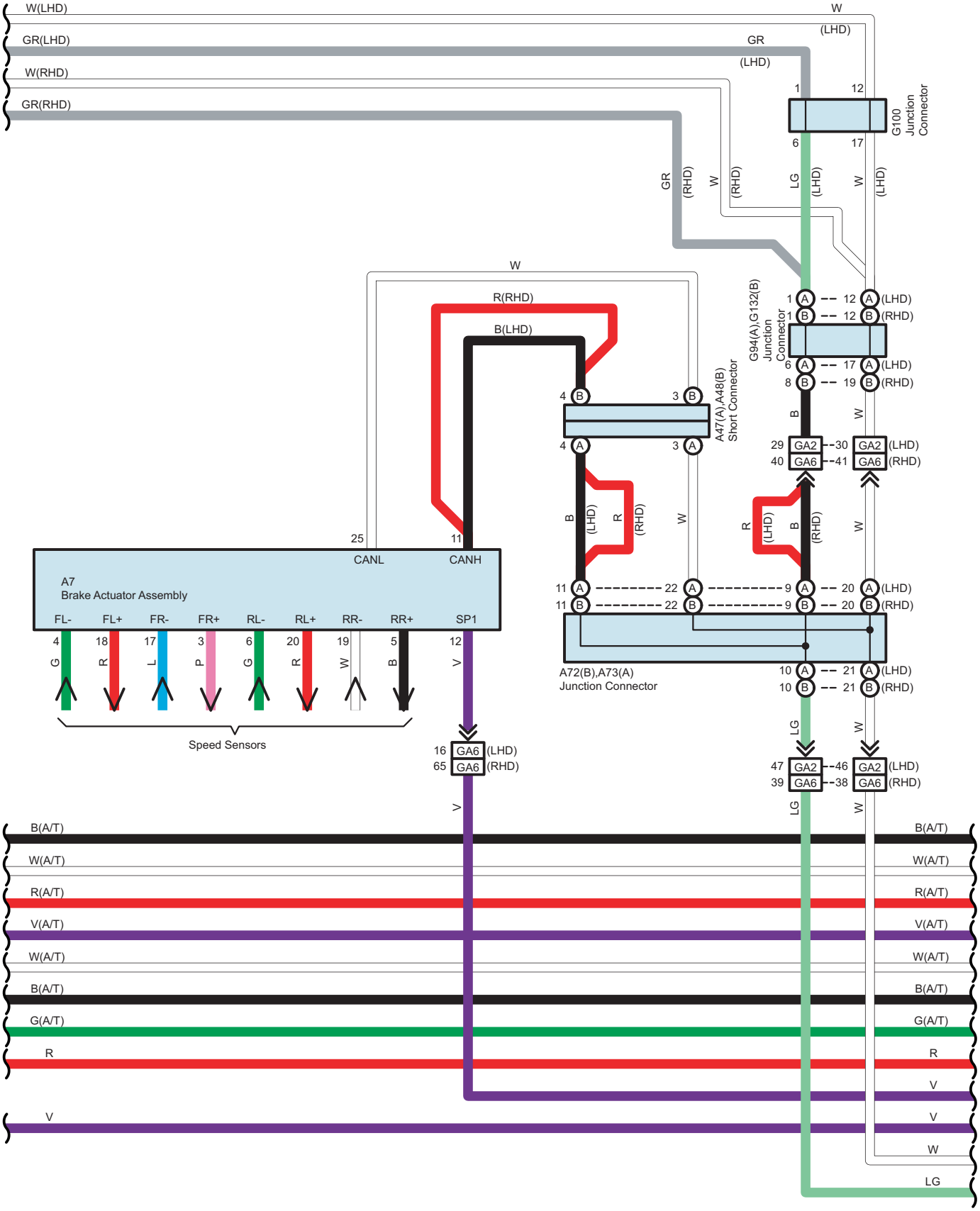

C90(M),C91(N),C92(O),C93(P),G57(Q),G58(R)
ECM
TC
TACH
ACT
AC1
ALT
FAN
R
23 R
18 Q
13 R
10 R
23 N
22 Q
17 N
V
P
R
LG
L
GR
R (M/T)
53 3A
12 3A
6
7
C47
Junction
Connector
4 A
3 A
C49(A)
Junction Connector
13
9
27 B
17 B
3 A
TC
TAC
ACT
AC1
M
G48
DLC3
G25(B)
A/C Amplifier Assembly
C65(A)
Generator Assembly
CDS FAN Relay
(IG)
10A
ECU-IG
NO.1
31 2A
G (M/T)
R (M/T)
G166(A),G167(B),
G168(C),G169(D)
Junction Connector
9 A (LHD)
9 B (RHD)
10 C (LHD)
10 D (RHD)
1 B
2 B
C160(B)
Back-Up Light
Switch Assembly
76 3A
74 3A
55 4A
8 4B
20 CG2
GR (M/T)

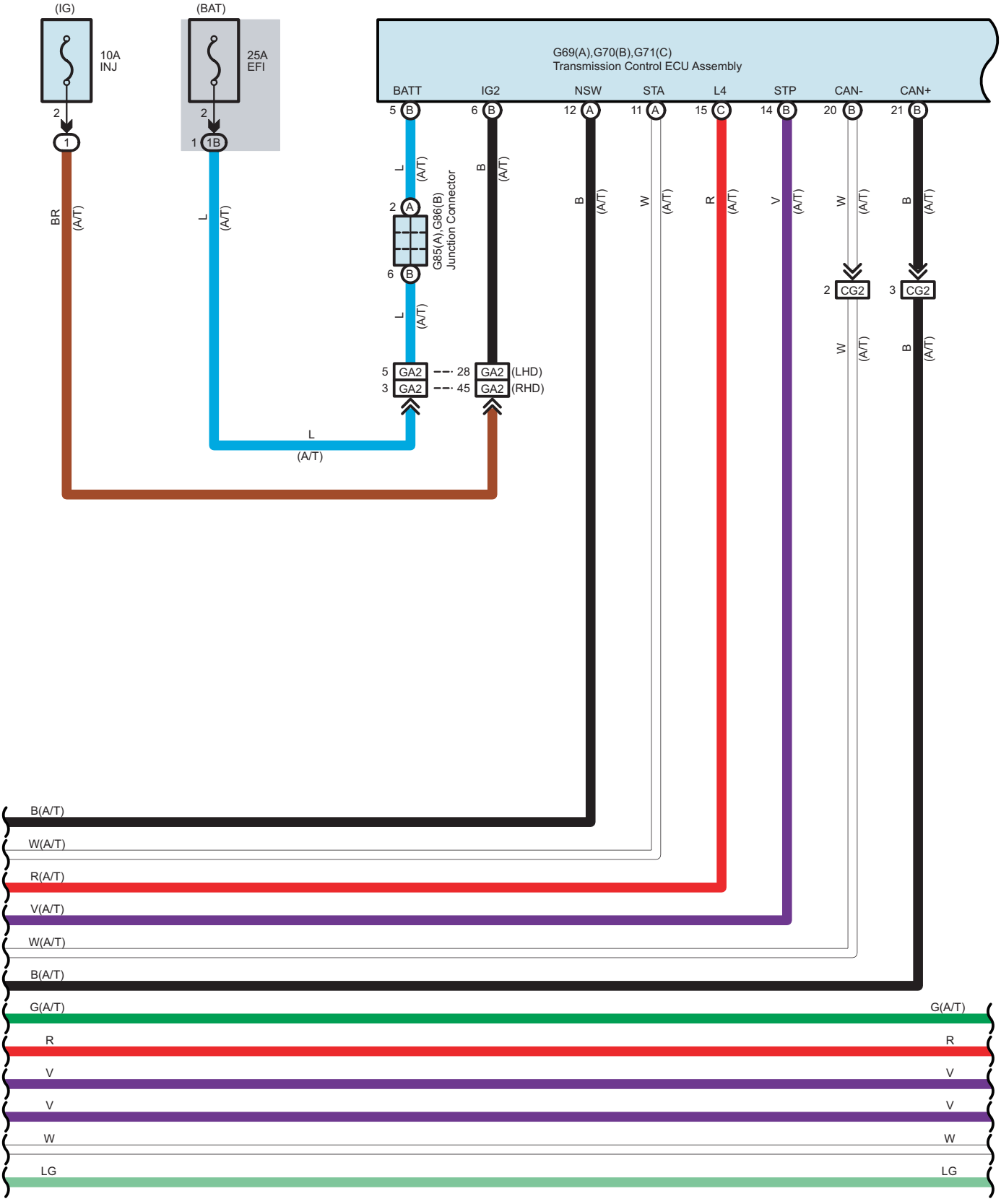

C90(M),C91(N),C92(O),C93(P),G57(Q),G58(R)
ECM
ST1-
IGSW
STP
9 Q
24 R
8 Q
(IG)
(BAT)
10A
IGN
10A
STOP
51 2A
26 2F
2
1
93 4A
46 4A
11 4B
B
W
R
V
(A/T)
A59
Diode
(Stop Light)
78 3A
77 3A
54 4A
90 4A
58 3A
70 3B
13
15
A65
Junction Connector
4
5
39 GA2 (LHD)
6 GA2 (RHD)
10
8
48 GA1 (LHD)
50 GA6 (RHD)
W-B
47 GA1 (LHD)
57 GA6 (RHD)
47 3A
96 3A
3
G104
Junction Connector
G3
GND
L
B
A85
Stop Light Switch Assembly
V(A/T)

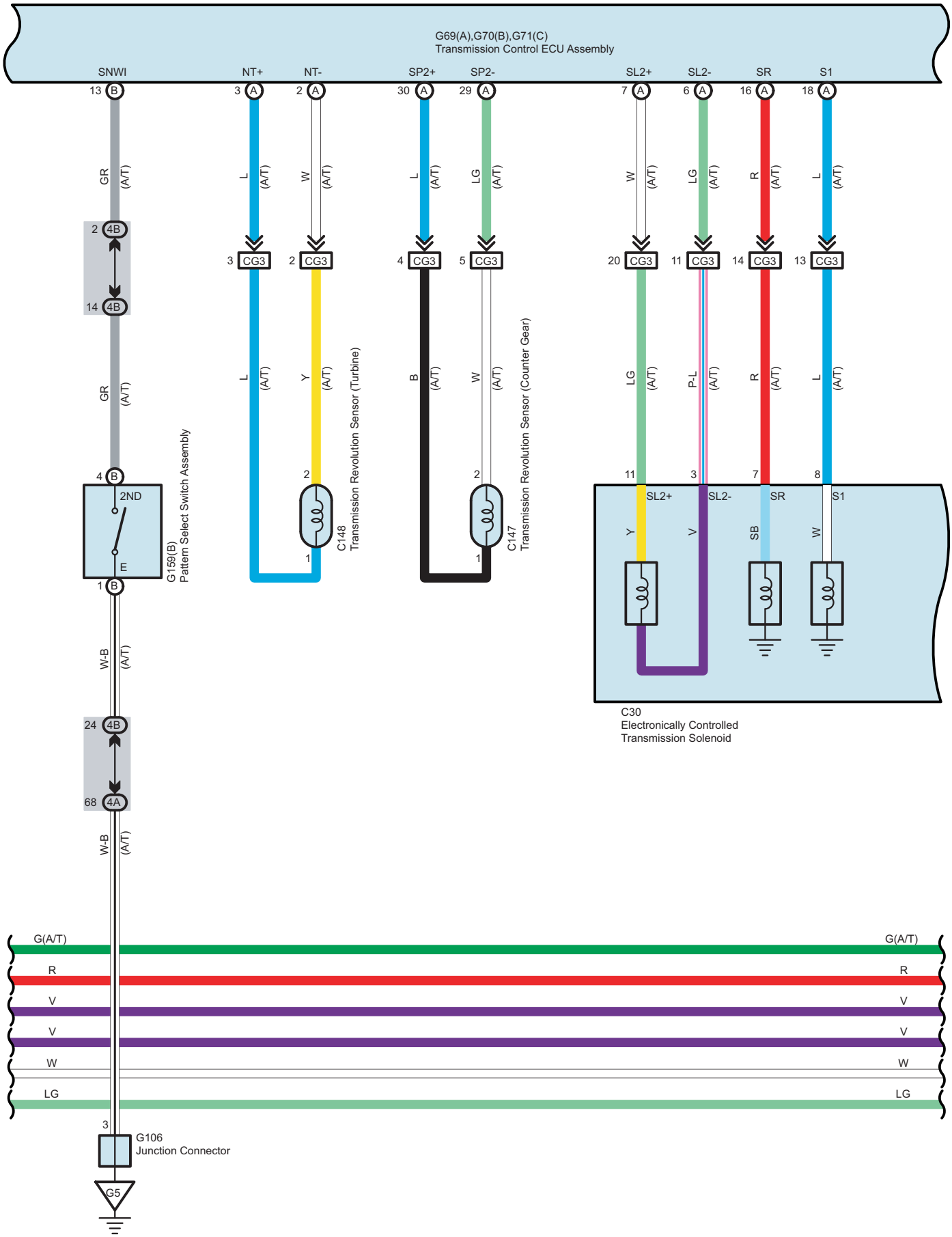

C90(M),C91(N),C92(O),C93(P),G57(Q),G58(R)
ECM
W
SPD
D
CAN+
CAN-
L4M
STA
NSW
NEO
CANH
CANL
19 Q
30 R
15 N
24 O
18 O
25 R
6 Q
26 O
1 R
35 R
36 R
V
R
G (A/T)
B (A/T)
W (A/T)
R (M/T)
W
B (A/T)
P (A/T)
LG (RHD)
R (LHD)
W
G53(A)
Four Wheel Drive Control ECU
21 A
L4
R (A/T)
W
R (LHD)
LG (RHD)
P(A/T)
B(A/T)
W
R(A/T)
V(A/T)
V(A/T)
W(A/T)
B(A/T)
G(A/T)
R
V

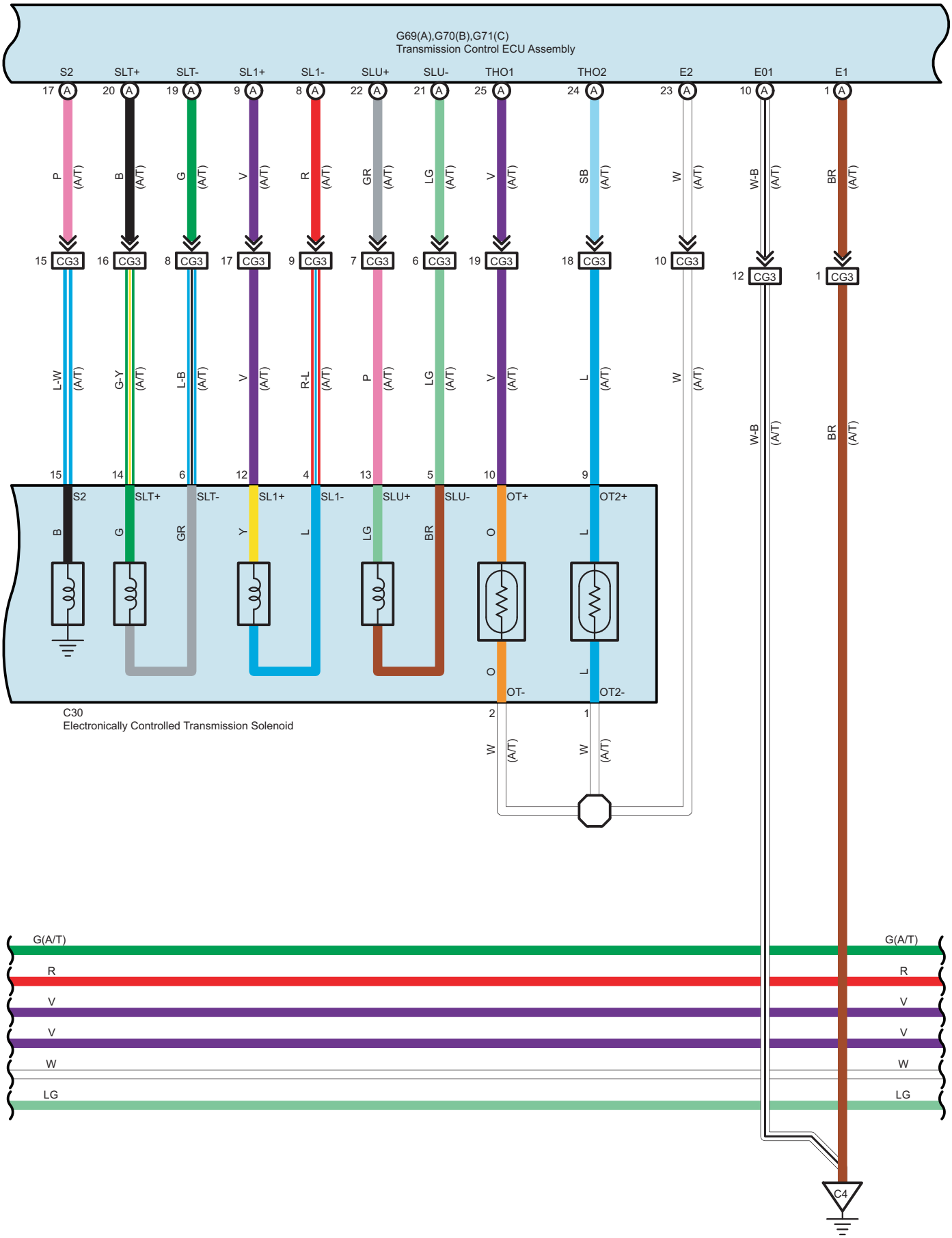

W(LHD)
GR(LHD)
W(RHD)
GR(RHD)
W (RHD)
W (LHD)
GR (LHD)
GR (RHD)
G97(A),G134(B),
G193(C)
Junction
Connector
12 C 1 C (LHD *9)
12 A 1 A (LHD *8)
12 B 1 B (RHD)
17 A 6 A (LHD *8)
13 B 2 B (RHD)
17 C 6 C (LHD *9)
W
R (LHD)
LG (RHD)
(BAT)
7.5A
AM1
35 2A
ST
Relay
W-B
A70
Junction Connector
A65
Junction
Connector
W (LHD M/T)
W (RHD M/T)
G (*5)
2 Ar3
ACC
IG1
ST1
AM1
SB (*5)
G2
Ignition or Starter
Switch Assembly
* 4 :w/ Entry & Start System
* 5 :w/o Entry & Start System
* 8 :Before Aug. 2016 Production
* 9 :From Aug. 2016 Production
P(A/T)
B(A/T)
W
R(A/T)
V(A/T)
W(A/T)
B(A/T)
G(A/T)
R
V
A1

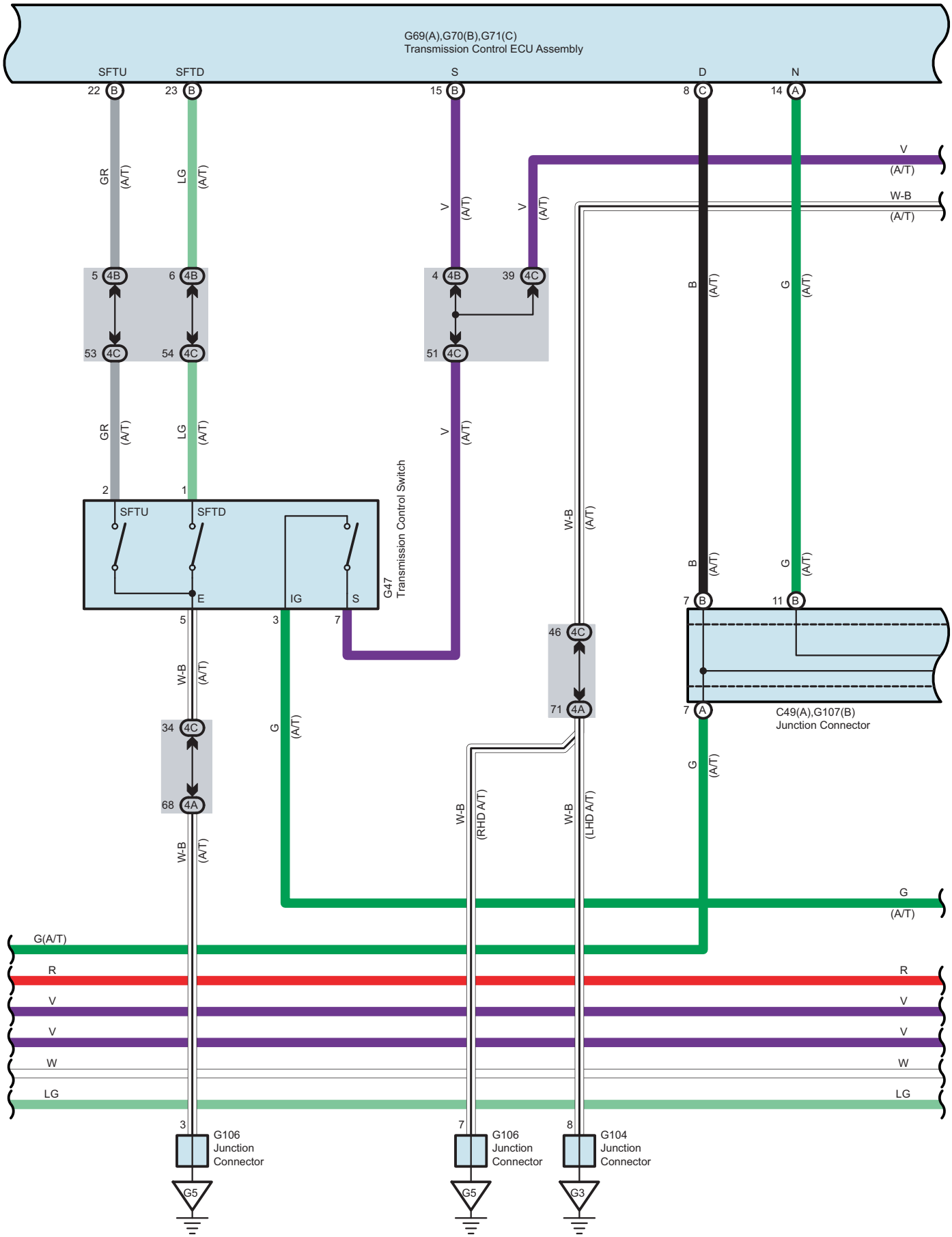

W(LHD)
GR(LHD)
W(RHD)
GR(RHD)
G50(A)
Power Management Control ECU
STA
STAR
NE
SB
(*5)
(*4)
34 GA6 (LHD)
33 GA2 (RHD)
C49(A),G107(B)
Junction Connector
C159(B)
Park/Neutral
Position Switch
L
B
P
N
Ar3
Clutch Start
Switch Assembly
r1
A40
Clutch Start Switch Assembly
52 GA6 (RHD)
48 GA2 (LHD)
(A/T)
(M/T)
(RHD M/T)
(LHD M/T)
W(RHD M/T)
W(LHD M/T)
P(A/T)
B(A/T)
W(A/T)
R(A/T)
V(A/T)
G(A/T)
R
V

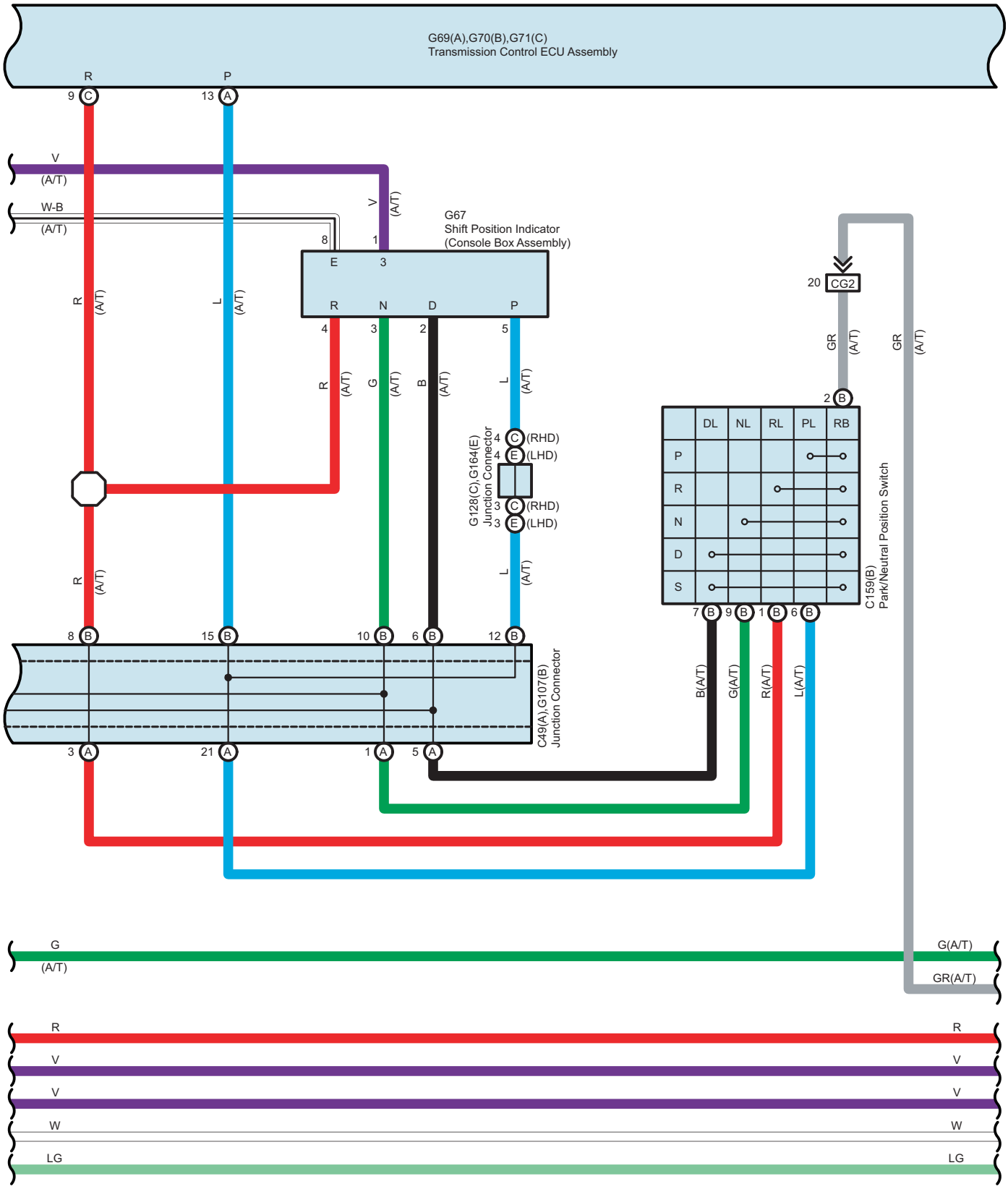

W(LHD)
GR(LHD)
W(RHD)
GR(RHD)
W (LHD)
GR (LHD)
G100 Junction Connector
GR (RHD)
W (RHD)
LG (LHD)
W (LHD)
W
R(RHD)
B(LHD)
G94(A),G132(B) Junction Connector
A47(A),A48(B) Short Connector
B (LHD)
R (RHD)
R (LHD)
B (RHD)
W
A7
Brake Actuator Assembly
CANL
CANH
FL-
FL+
FR-
FR+
RL-
RL+
RR-
RR+
SP1
Speed Sensors
A72(B),A73(A) Junction Connector
LG
B(A/T)
W(A/T)
R(A/T)
V(A/T)
G(A/T)
R
V
W
LG

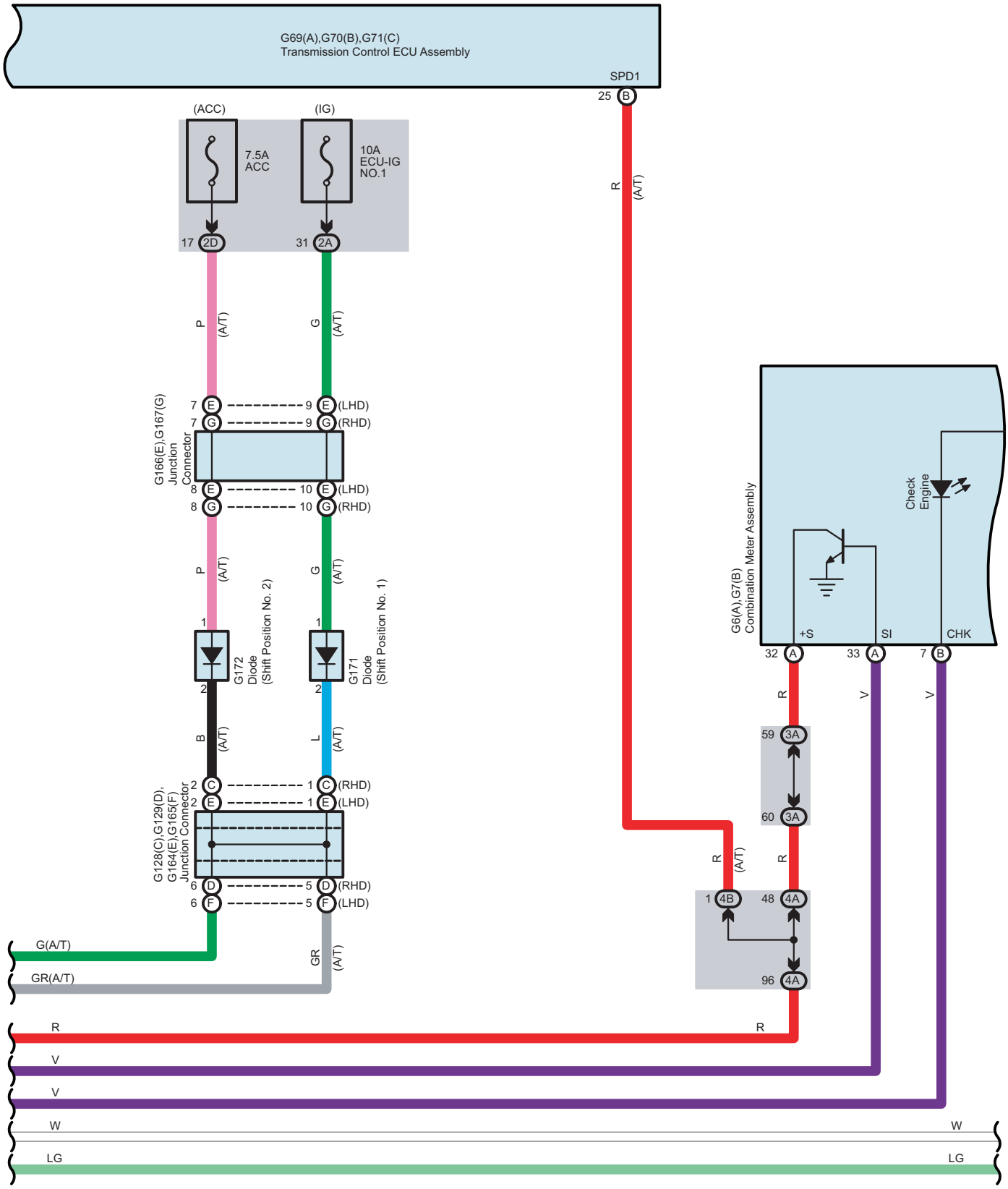

(IG)
(BAT)
10A
INJ
25A
EFI
G69(A),G70(B),G71(C)
Transmission Control ECU Assembly
BATT
IG2
NSW
STA
L4
STP
CAN-
CAN+
G85(A),G86(B)
Junction Connector
CG2
GA2
(LHD)
(RHD)
(A/T)
B(A/T)
W(A/T)
R(A/T)
V(A/T)
W(A/T)
B(A/T)
G(A/T)
R
V
V
W
LG

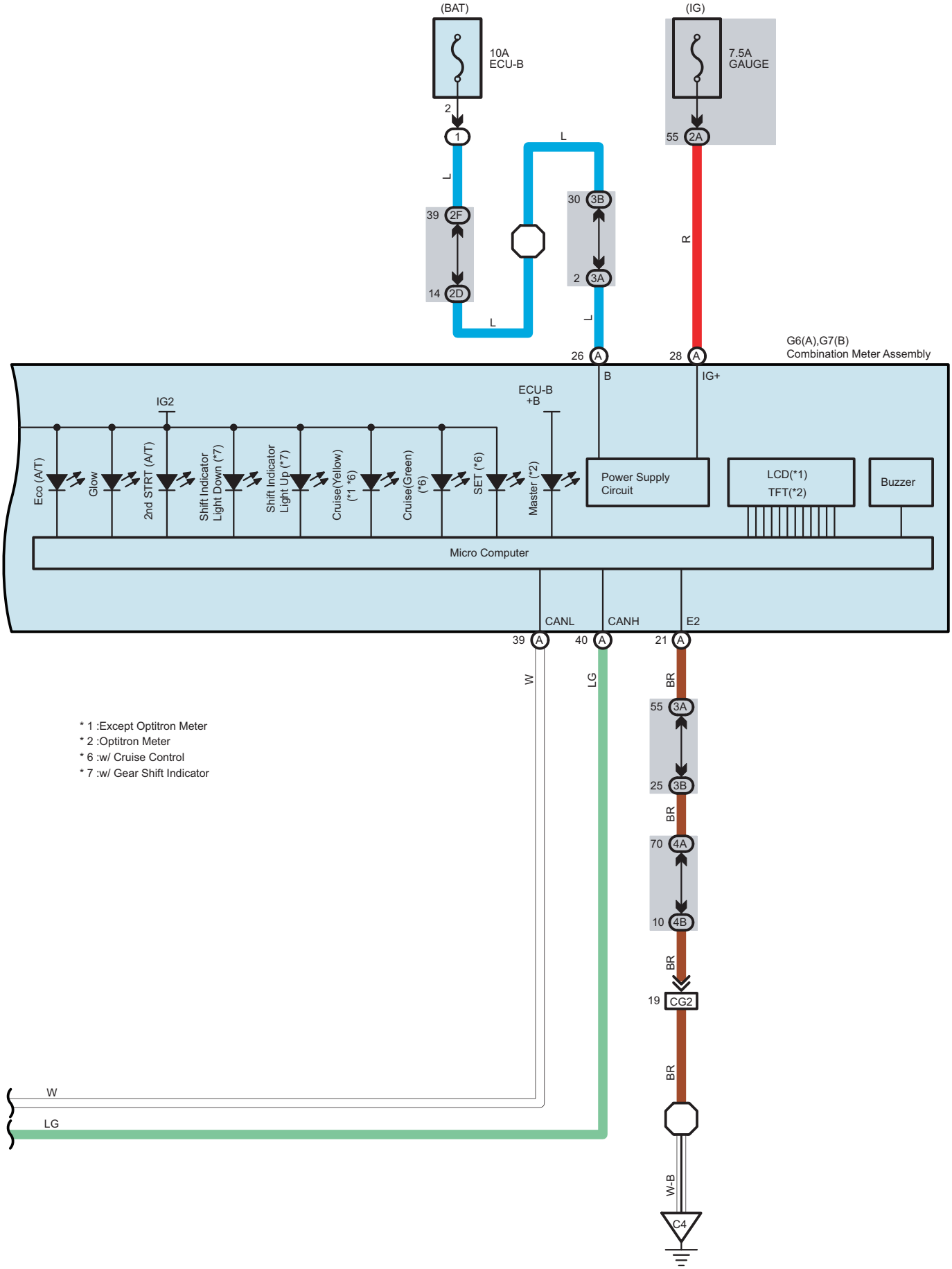

G69(A),G70(B),G71(C)
Transmission Control ECU Assembly
SNWI
NT+
NT-
SP2+
SP2-
SL2+
SL2-
SR
S1
13 B
3 A
2 A
30 A
29 A
7 A
6 A
16 A
18 A
GR (A/T)
L (A/T)
W (A/T)
L (A/T)
LG (A/T)
W (A/T)
LG (A/T)
R (A/T)
L (A/T)
2 4B
14 4B
3 CG3
2 CG3
4 CG3
5 CG3
20 CG3
11 CG3
14 CG3
13 CG3
GR (A/T)
L (A/T)
Y (A/T)
B (A/T)
W (A/T)
LG (A/T)
P-L (A/T)
R (A/T)
L (A/T)
4 B
2ND
E
1 B
G159(B)
Pattern Select Switch Assembly
2
1
C148
Transmission Revolution Sensor (Turbine)
2
1
C147
Transmission Revolution Sensor (Counter Gear)
11
3
7
8
SL2+
SL2-
SR
S1
Y
V
SB
W
C30
Electronically Controlled
Transmission Solenoid
W-B (A/T)
24 4B
68 4A
W-B (A/T)
G(A/T)
R
V
V
W
LG
G(A/T)
R
V
V
W
LG
3
G106
Junction Connector
G5


G69(A),G70(B),G71(C)
Transmission Control ECU Assembly
S2
SLT+
SLT-
SL1+
SL1-
SLU+
SLU-
THO1
THO2
E2
E01
E1
C30
Electronically Controlled Transmission Solenoid
OT+
OT-
OT2+
OT2-
C4
G(A/T)
R
V
V
W
LG

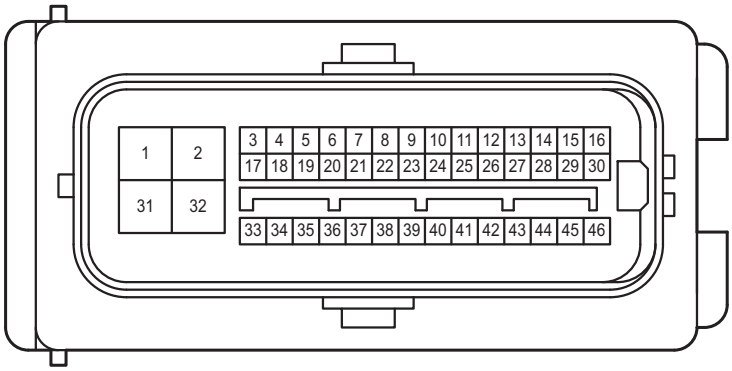

G69(A),G70(B),G71(C)
Transmission Control ECU Assembly
SFTU
SFTD
S
D
N
22 B
23 B
15 B
8 C
14 A
GR (A/T)
LG (A/T)
V (A/T)
V (A/T)
V (A/T)
W-B (A/T)
B (A/T)
G (A/T)
5 4B
6 4B
4 4B
39 4C
53 4C
54 4C
51 4C
GR (A/T)
LG (A/T)
V (A/T)
2
1
SFTU
SFTD
E
IG
S
G47
Transmission Control Switch
5
3
7
W-B (A/T)
G (A/T)
W-B (A/T)
B (A/T)
G (A/T)
7 B
11 B
46 4C
71 4A
7 A
C49(A),G107(B)
Junction Connector
34 4C
68 4A
W-B (A/T)
G (A/T)
W-B (RHD A/T)
W-B (LHD A/T)
G (A/T)
G(A/T)
R
V
V
W
LG
3
7
8
G106
Junction
Connector
G106
Junction
Connector
G104
Junction
Connector
G5
G5
G3


G69(A),G70(B),G71(C)
Transmission Control ECU Assembly
R
P
9 C
13 A
V
(A/T)
W-B
(A/T)
G67
Shift Position Indicator
(Console Box Assembly)
8
1
E
3
R
N
D
P
4
3
2
5
R (A/T)
G (A/T)
B (A/T)
L (A/T)
G128(C),G164(E)
Junction Connector
4 C (RHD)
4 E (LHD)
3 C (RHD)
3 E (LHD)
20 CG2
GR (A/T)
2 B
DL
NL
RL
PL
RB
P
R
N
D
S
C159(B)
Park/Neutral Position Switch
7 B
9 B
1 B
6 B
8 B
15 B
10 B
6 B
12 B
C49(A),G107(B)
Junction Connector
3 A
21 A
1 A
5 A
B(A/T)
G(A/T)
R(A/T)
L(A/T)
G
(A/T)
G(A/T)
GR(A/T)
R
V
V
W
LG


G69(A),G70(B),G71(C)
Transmission Control ECU Assembly
SPD1
25 B
R
(A/T)
(ACC)
(IG)
7.5A
ACC
10A
ECU-IG
NO.1
17 2D
31 2A
P
(A/T)
G
(A/T)
G166(E),G167(G)
Junction
Connector
7 E
7 G
9 E
9 G
(LHD)
(RHD)
8 E
8 G
10 E
10 G
(LHD)
(RHD)
G172
Diode
(Shift Position No. 2)
G171
Diode
(Shift Position No. 1)
1
2
B
(A/T)
L
(A/T)
G128(C),G129(D),
G164(E),G165(F)
Junction Connector
2 C
2 E
1 C
1 E
(RHD)
(LHD)
6 D
6 F
5 D
5 F
(RHD)
(LHD)
G(A/T)
GR(A/T)
GR
(A/T)
G6(A),G7(B)
Combination Meter Assembly
+S
SI
CHK
Check
Engine
32 A
33 A
7 B
R
V
V
59 3A
60 3A
R
(A/T)
1 4B
48 4A
96 4A
R
R
V
V
W
W
LG
LG

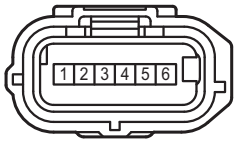

(BAT)
10A
ECU-B
(IG)
7.5A
GAUGE
2
1
L
55 2A
30 3B
39 2F
2 3A
14 2D
R
L
L
26 A
28 A
G6(A),G7(B)
Combination Meter Assembly
B
IG+
ECU-B
+B
IG2
Eco (A/T)
Glow
2nd STRT (A/T)
Shift Indicator
Light Down (*7)
Shift Indicator
Light Up (*7)
Cruise(Yellow)
(*1 *6)
Cruise(Green)
(*6)
SET (*6)
Master (*2)
Power Supply
Circuit
LCD(*1)
TFT(*2)
Buzzer
Micro Computer
CANL
CANH
E2
39 A
40 A
21 A
W
LG
BR
55 3A
25 3B
BR
70 4A
10 4B
BR
19 CG2
BR
W-B
C4
* 1 :Except Optitron Meter
* 2 :Optitron Meter
* 6 :w/ Cruise Control
* 7 :w/ Gear Shift Indicator
W
LG

A7
Black



90980-12297

A19
Black



90980-12303

A40
Black



90980-10825

A43
White



90980-10906

A47
Gray



90980-10945

A48
Gray



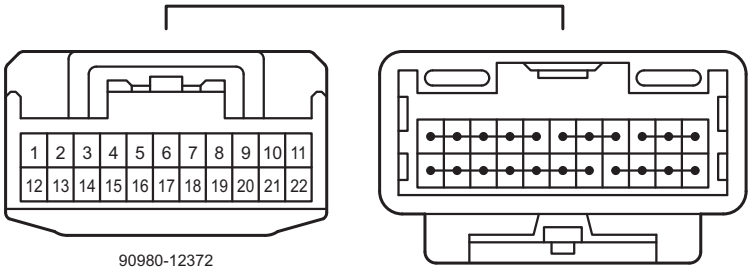
90980-10946

A59
Black



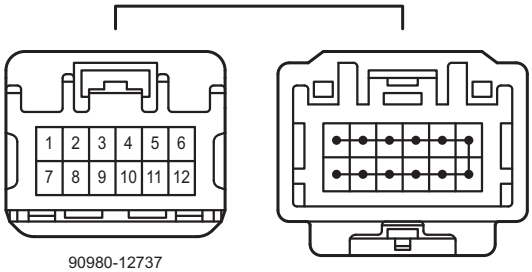
90980-10962

A65
White



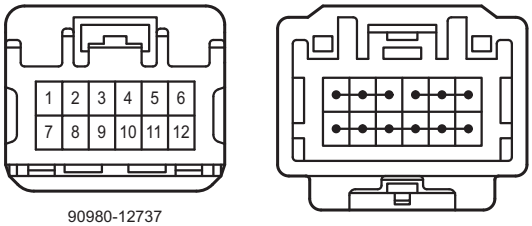
90980-12372

A70
White



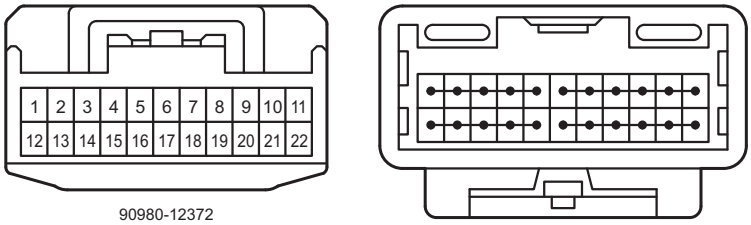
90980-12737

A71
White



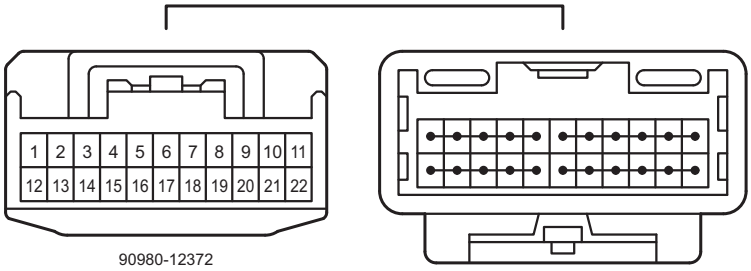
90980-12737

A72
White



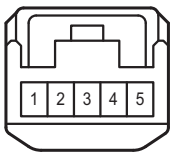
90980-12372

A73
White



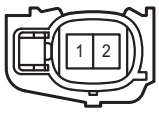
90980-12372

A85
White



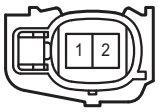
90980-12366

C1
Gray



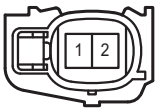
90980-11875

C2
Gray



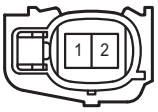
90980-11875

C3
Gray



90980-11875

C4
Gray



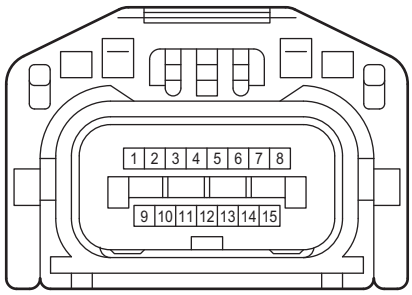
90980-11875

C24
Black (1GR-FE 2TR-FE 1KD-FTV ,1GD-FTV Before Jun. 2018 Production ,1GD-FTV w/o Urea SCR From Jun. 2018 Production) / White (1GD-FTV w/ Urea SCR From Jun. 2018 Production)



90980-10735

C30
Gray



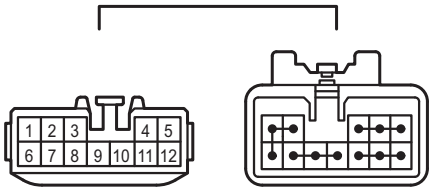
90980-12293

C33
Black



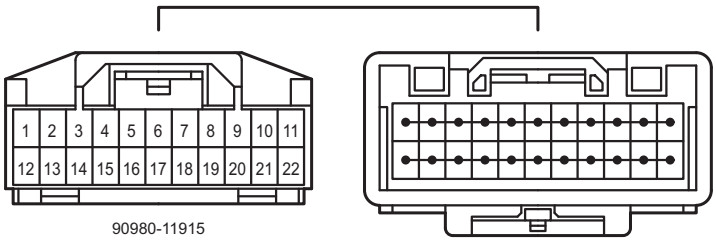
90980-12292

C47
Black



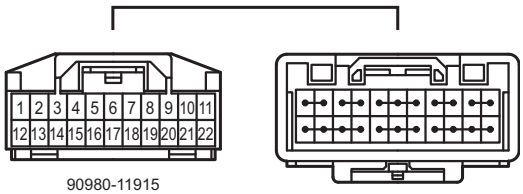
90980-10803

C48
White



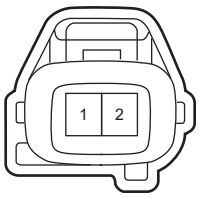
90980-11915

C49
Blue



90980-11915

C52
Black



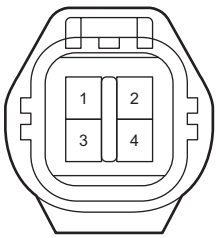
90980-10947

C57
Black



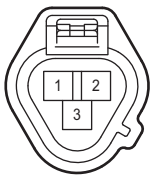
90980-11428

C65
Black



90980-11964

C70
Gray



90980-11016

C71
Gray



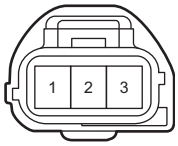
90980-11285

C72
Black



90980-11162

C73
Black



90980-11261

C74
Black



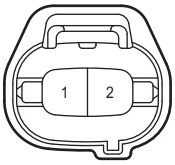
90980-11145

C76
Brown



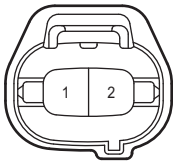
90980-11162

C77
Brown



90980-11149

C79
Brown



90980-11149

C80
Brown



90980-10617

C82
Black



90980-11194

C83
Black



90980-10845

C84
Gray



90980-11025

C85
Dark Gray



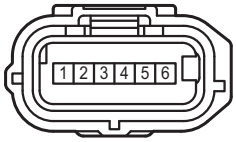
90980-10737

C86
Black



90980-11143

C87
Black



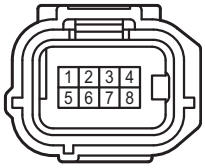
90980-12303

C88
Dark Gray



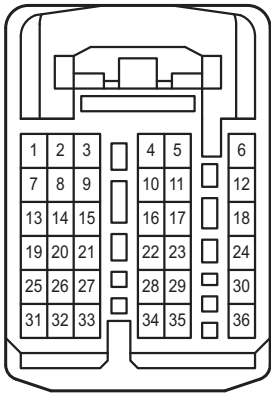
90980-11144

C89
Gray



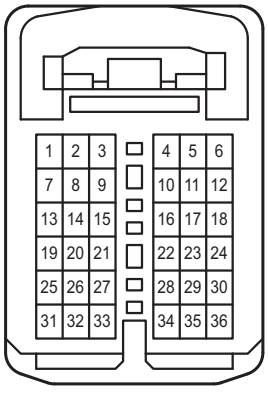
90980-12520

C90
White



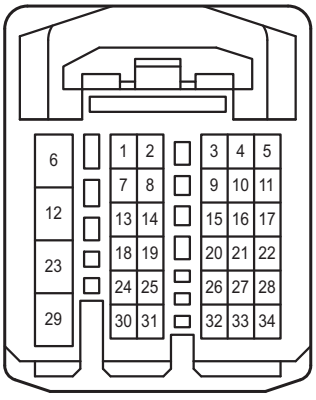
82824-26130

C91
White



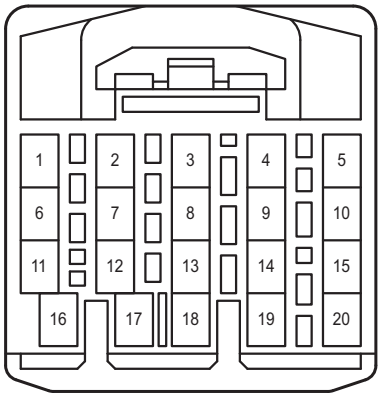
82824-26140

C92
White



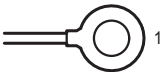
82824-26150

C93
White



82824-26160

C98



C99
Black



90980-11194

C141
Black



90980-12B06

C142
Gray



90980-12B06

C143
Gray



90980-12B06

C147
Black



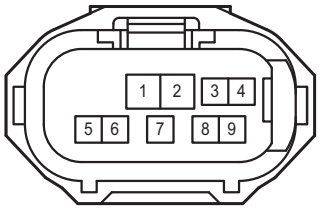
90980-12B06

C148
Black



90980-12B06

C159
Gray



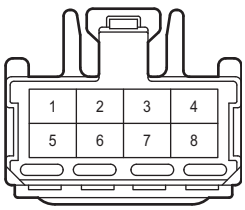
90980-12A23

C160
White



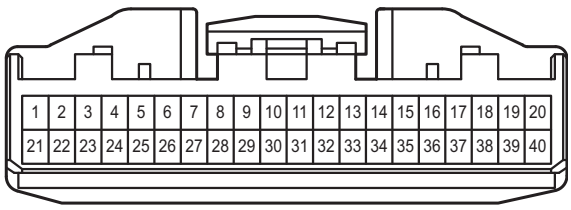
90980-12B06

G2
White



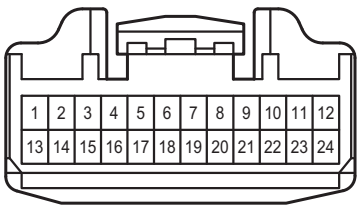
90980-11615

G6
Black



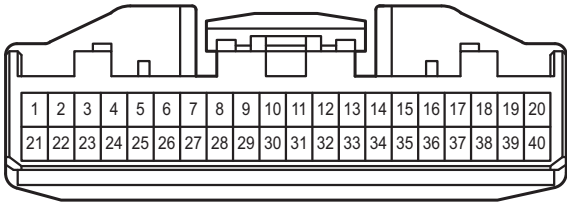
90980-12557

G7
Black



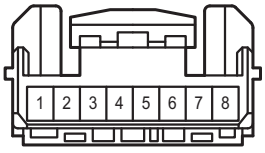
90980-12554

G25
White



90980-12557

G37
White



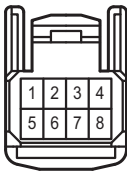
90980-12558

G40
Black



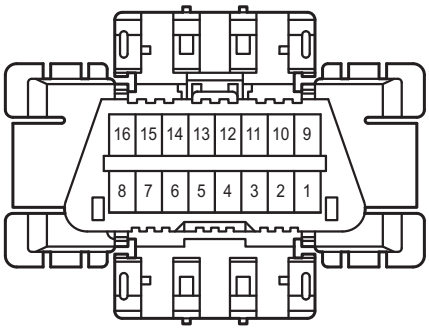
90980-12552

G47
Black



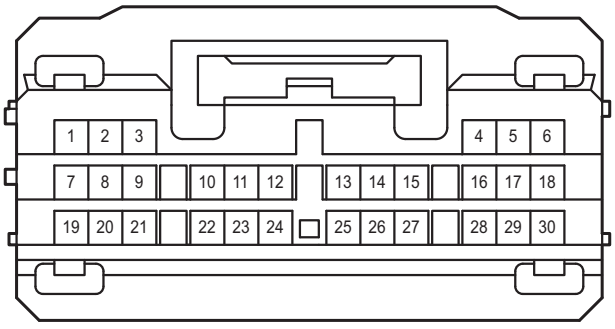
90980-12551

G48
White



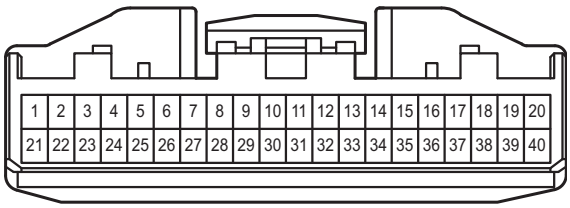
90980-11978

G50
White



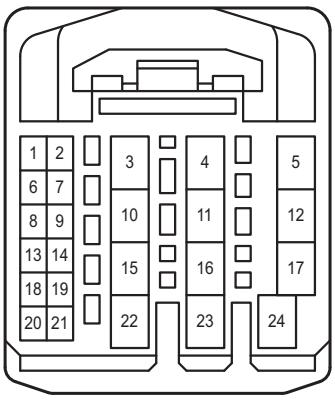
90980-12843

G53
Black



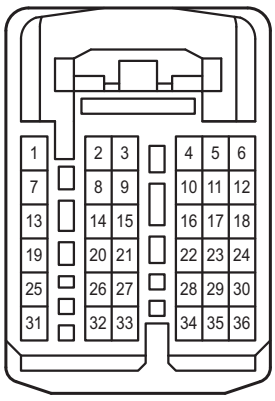
90980-12557

G57
White



82824-26110

G58
White



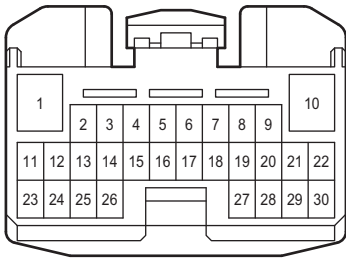
82824-26120

G67
White



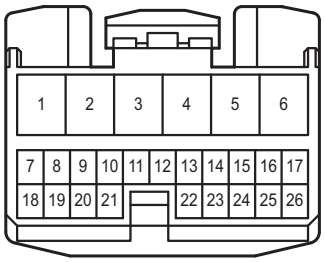
90980-12368

G69
White



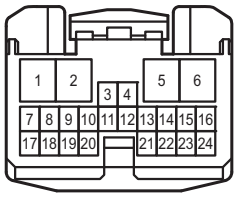
90980-12562

G70
White



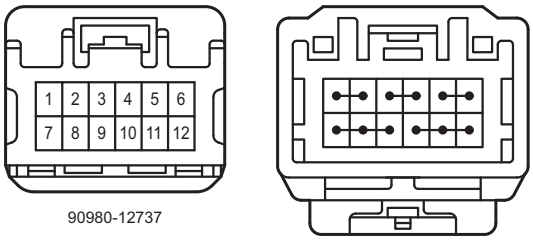
90980-12561

G71
White



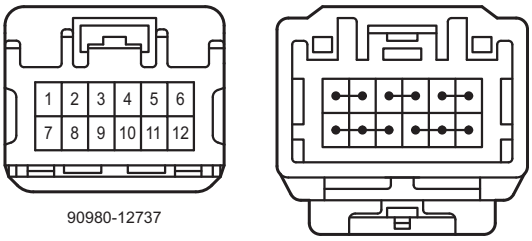
90980-12560

G85
Black



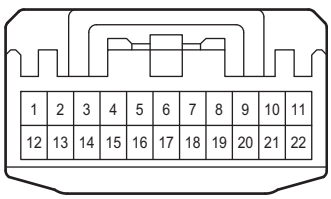
90980-12737

G86
Black



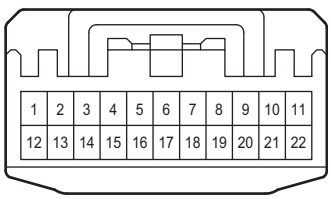
90980-12737

G94
White



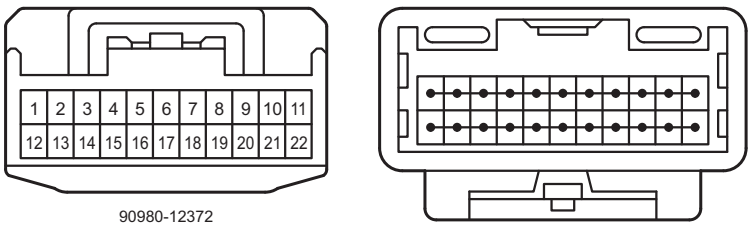
82824-30420

G97
White



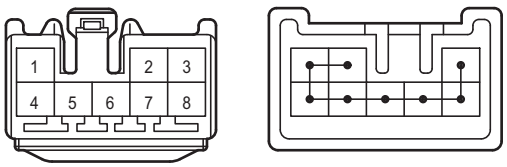
82824-30420

G100
Gray



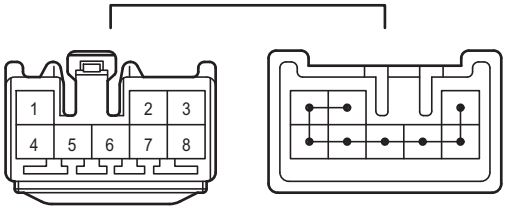
90980-12372

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



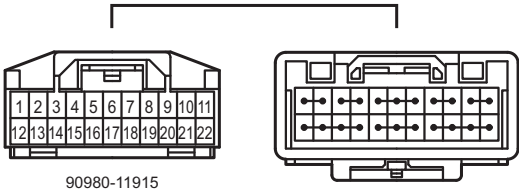
90980-11686

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



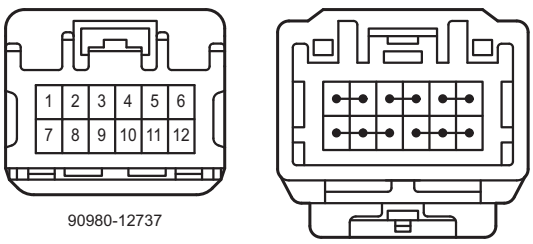
90980-11686

G107
Blue



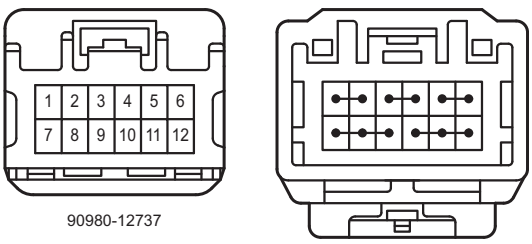
90980-11915

G128
Black



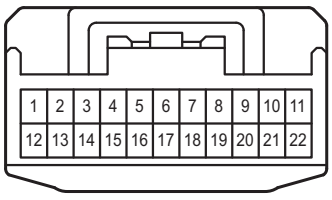
90980-12737

G129
Black



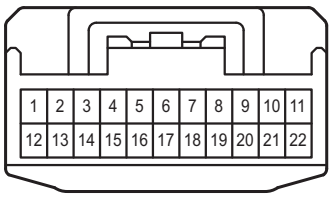
90980-12737

G132
Gray



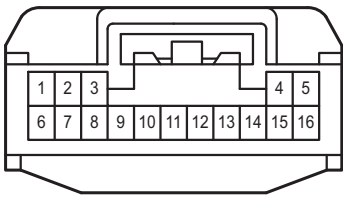
90980-12372

G134
Gray



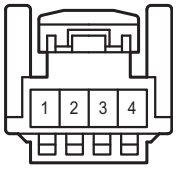
90980-12372

G138
White



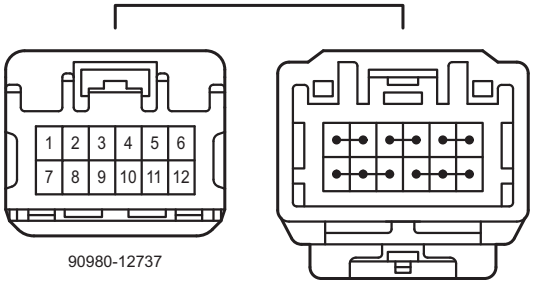
90980-12423

G159
Gray



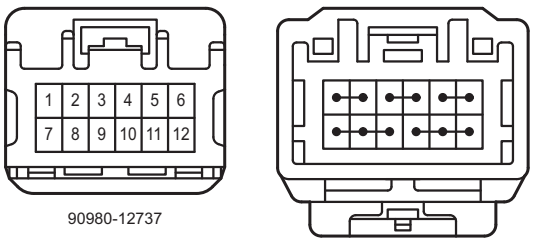
90980-12876

G164
Black



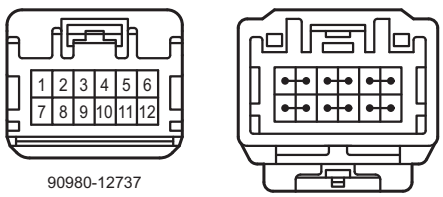
90980-12737

G165
Black



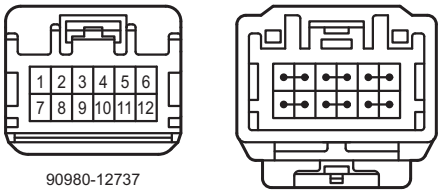
90980-12737

G166
Blue



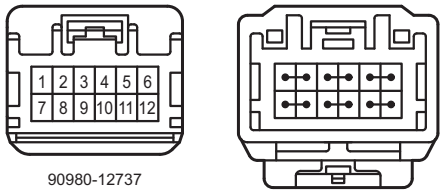
90980-12737

G167
Blue



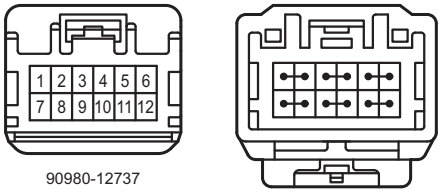
90980-12737

G168
Blue



90980-12737

G169
Blue



90980-12737

G171
Gray



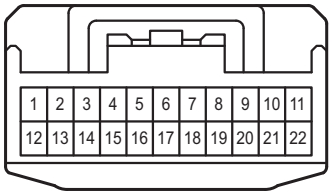
90980-11608

G172
Gray



90980-11608

G193
White



90980-12372

S5
White



90980-11077

r1
Black



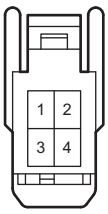
90980-10825

r3
White



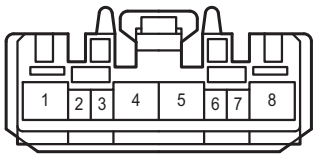
90980-10906

z7
White



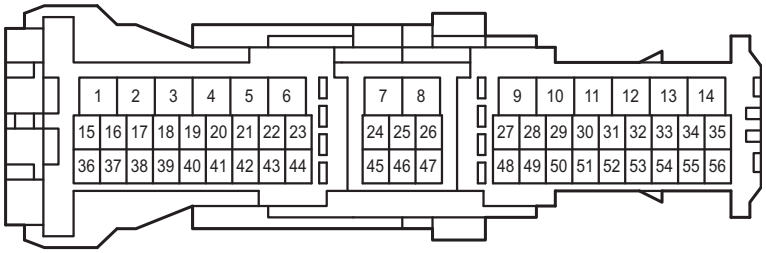
90980-12360

1B
White



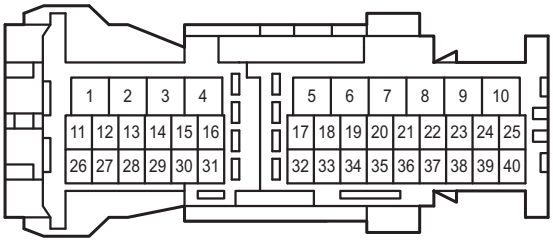
90980-12486

2A
White



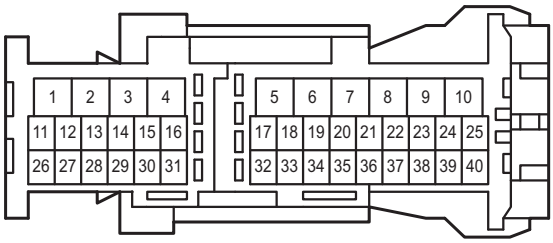
90980-12822

2D
White



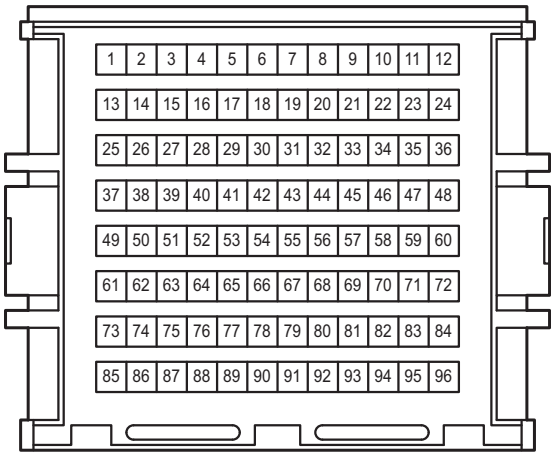
90980-12818

2F
White



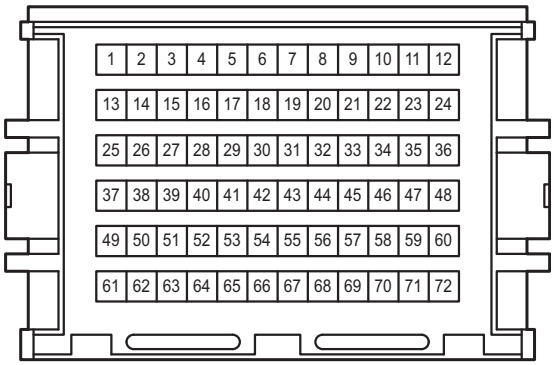
90980-12794

3A
White



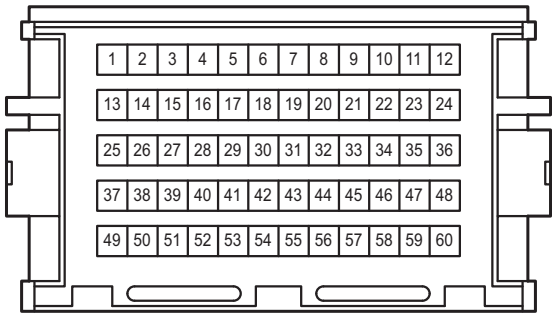
82890-12030

3B
White



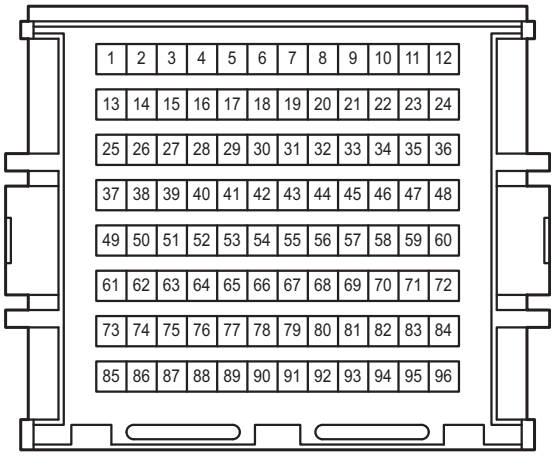
82890-42010

3C
White



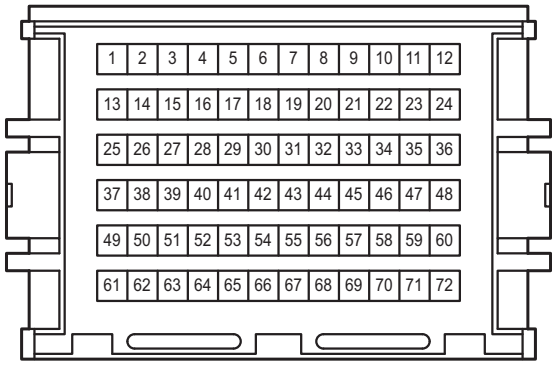
82890-12020

4A
White



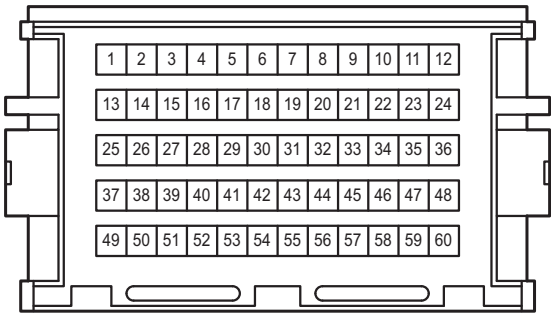
82890-12030

4B
White



82890-42010

4C
White



82890-12020

AC2
Dark Gray

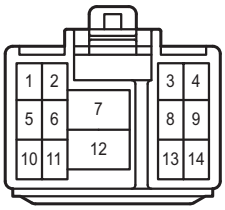


90980-11242

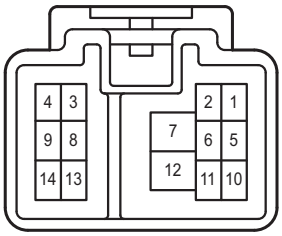


90980-11241

AR2
Gray



90980-10813

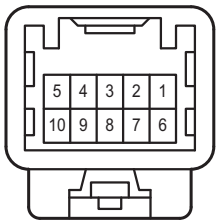


90980-10812

Ar3
Gray

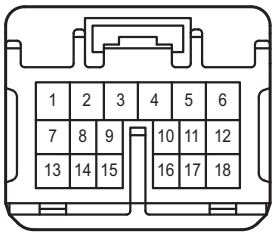


90980-12368

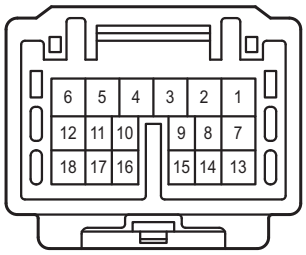


90980-12367

CG1
White

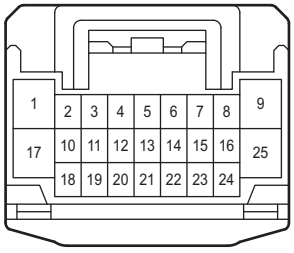


90980-12745

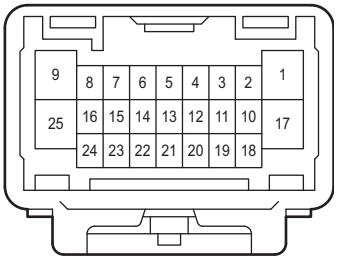


90980-12744

CG2
White

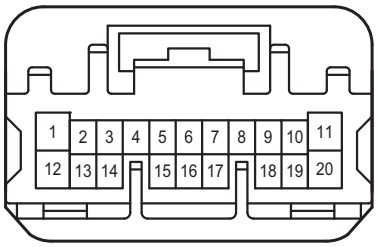


90980-12414

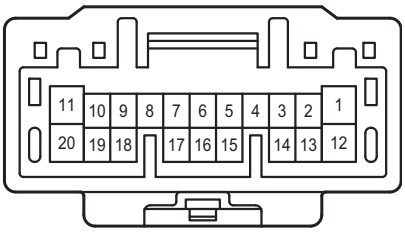


90980-12413

CG3
White

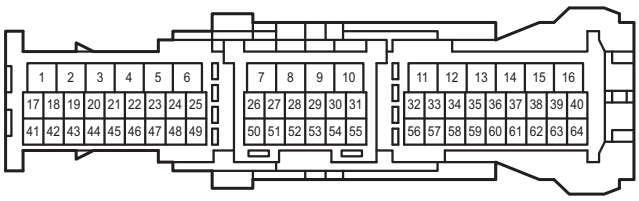


90980-12741

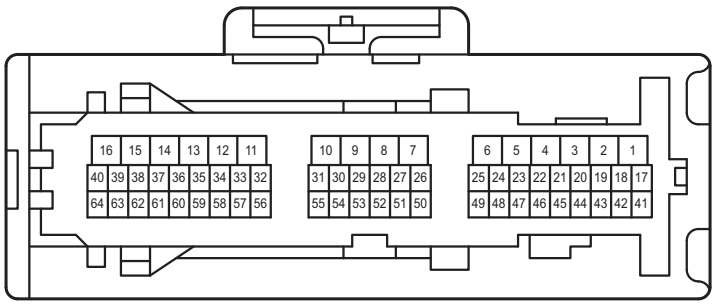


90980-12740

GA1
White

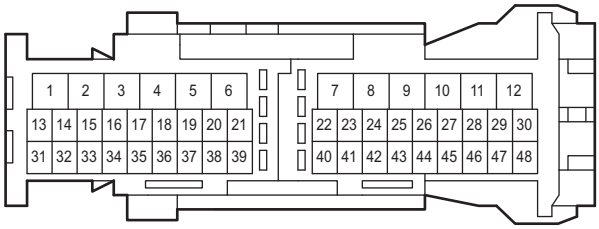


90980-12774

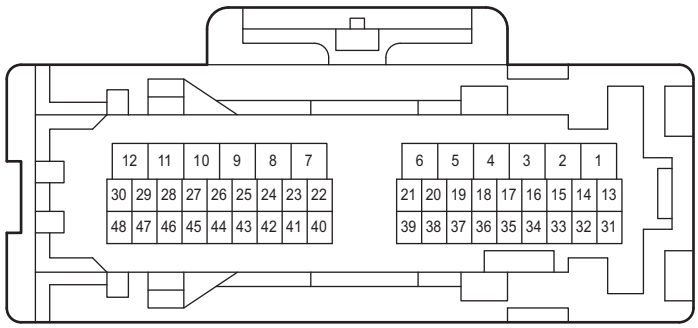


90980-12798

GA2
White

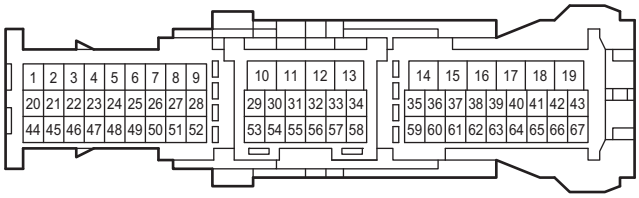


90980-12779

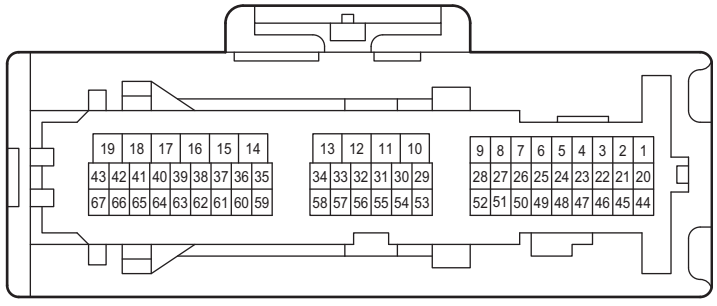


90980-12799

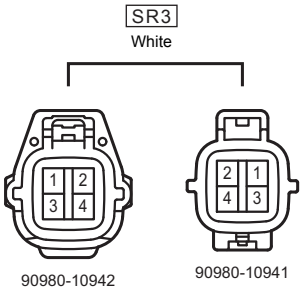
GA6
White



90980-12783



90980-12800


SR3
White
1
2
3
4
2
1
4
3
90980-10942
90980-10941