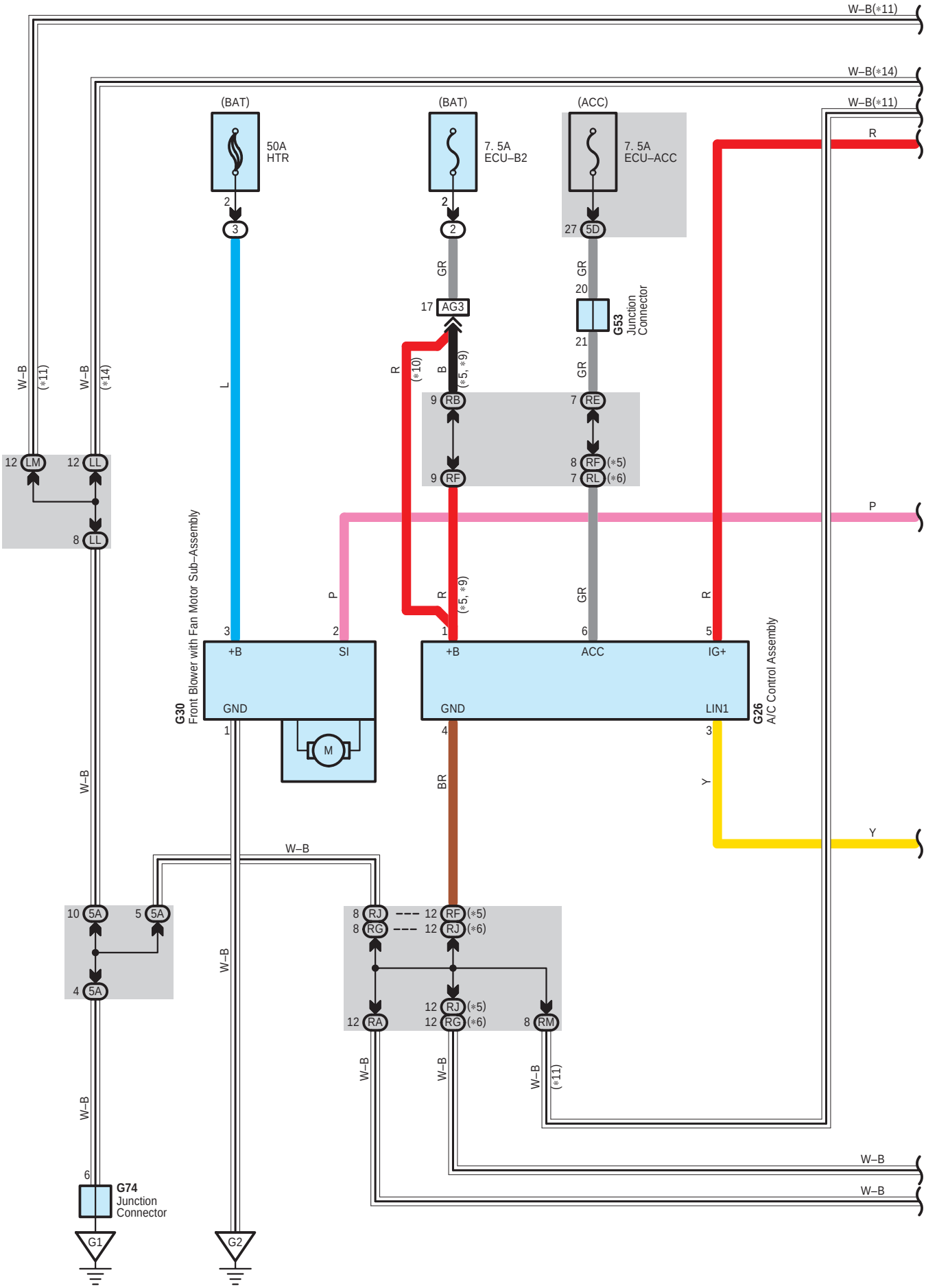
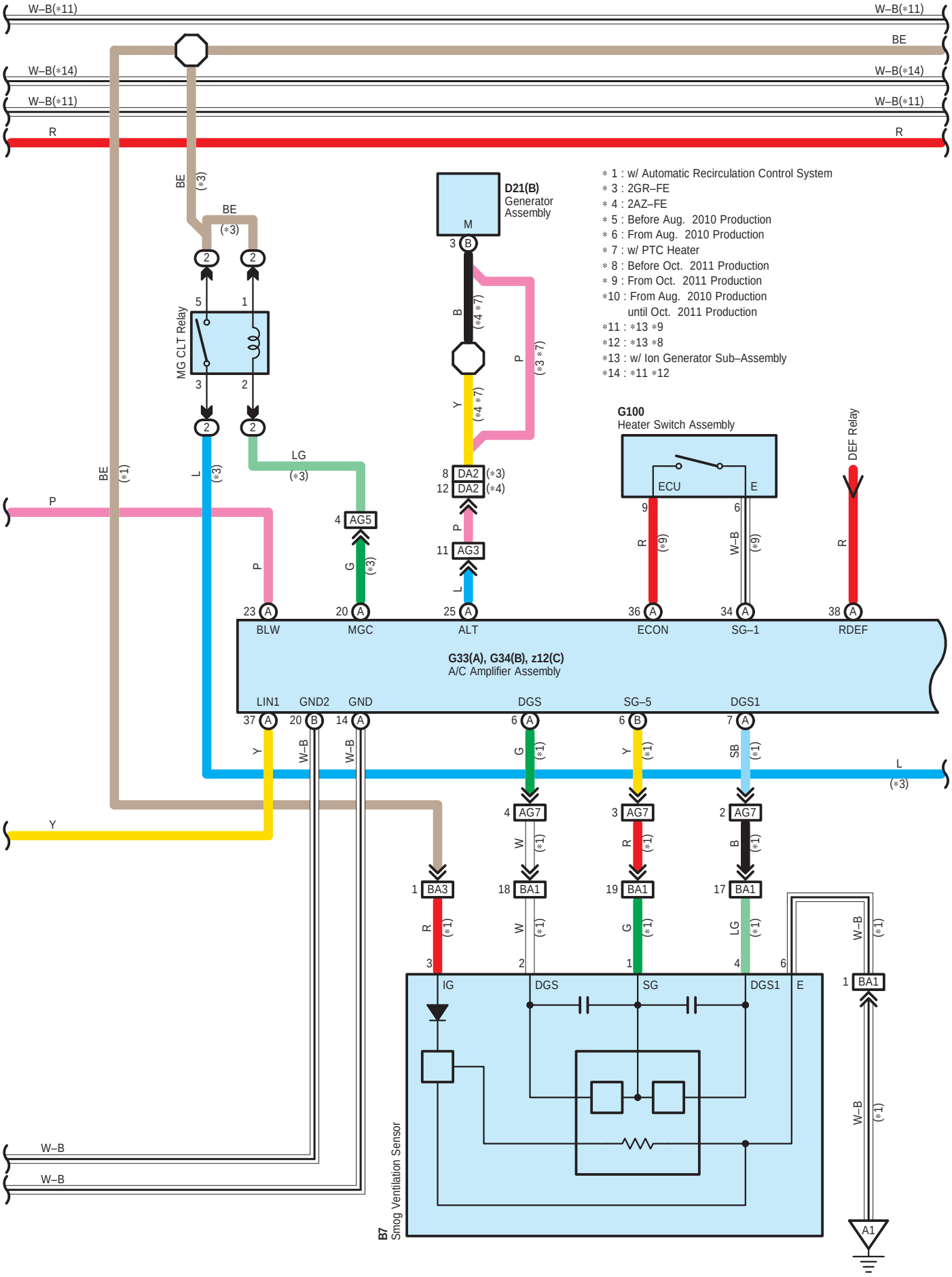
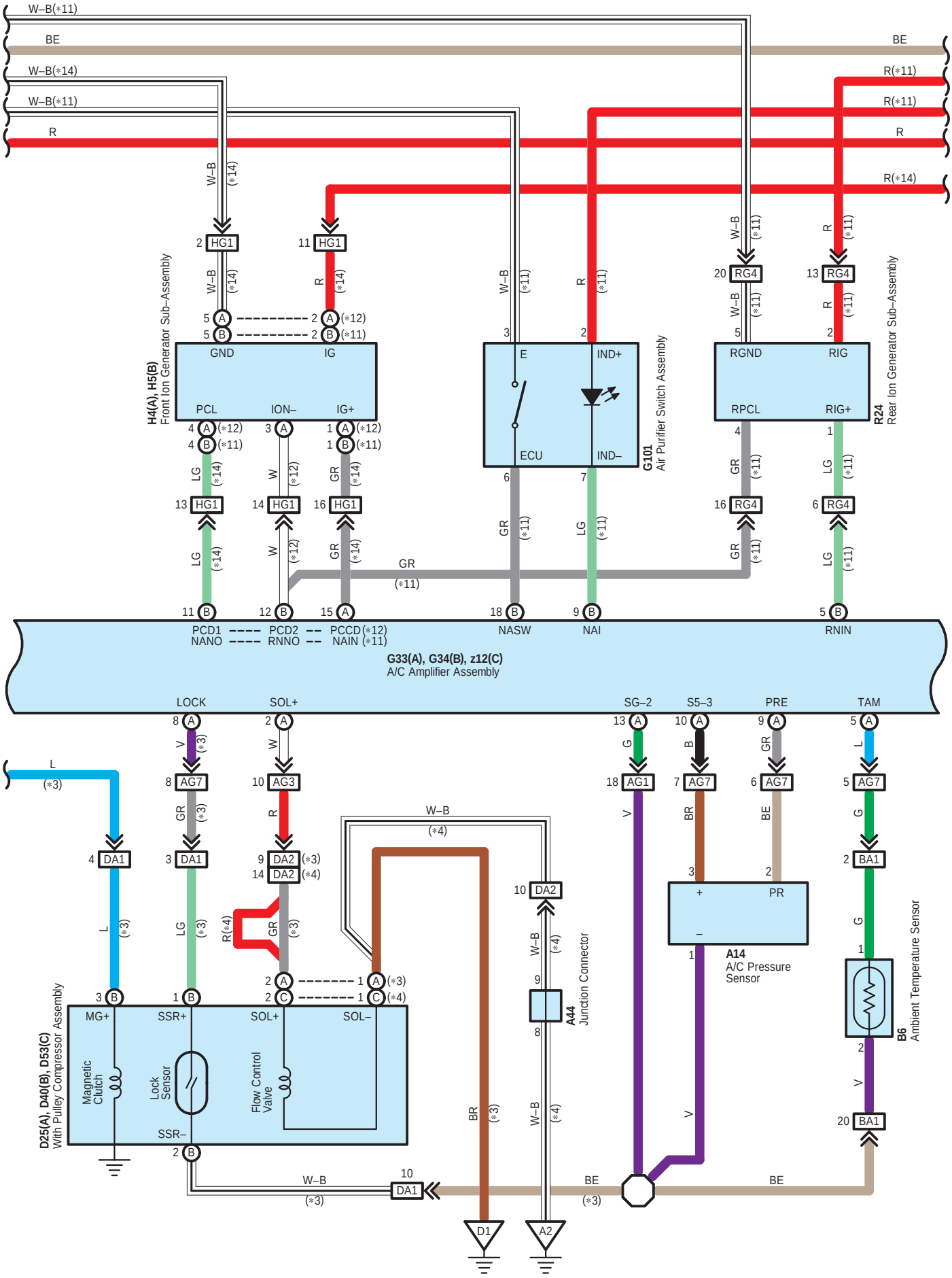
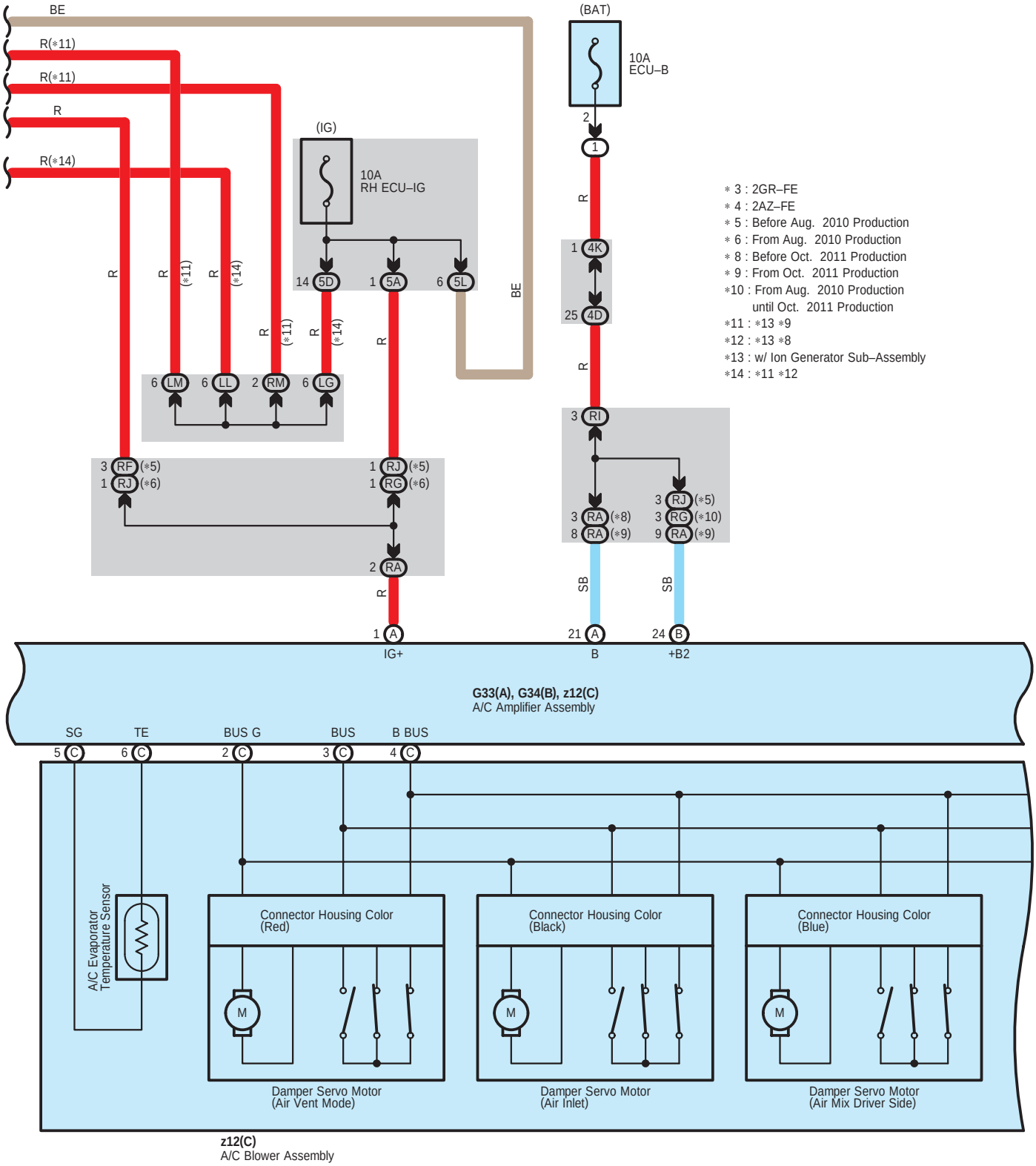
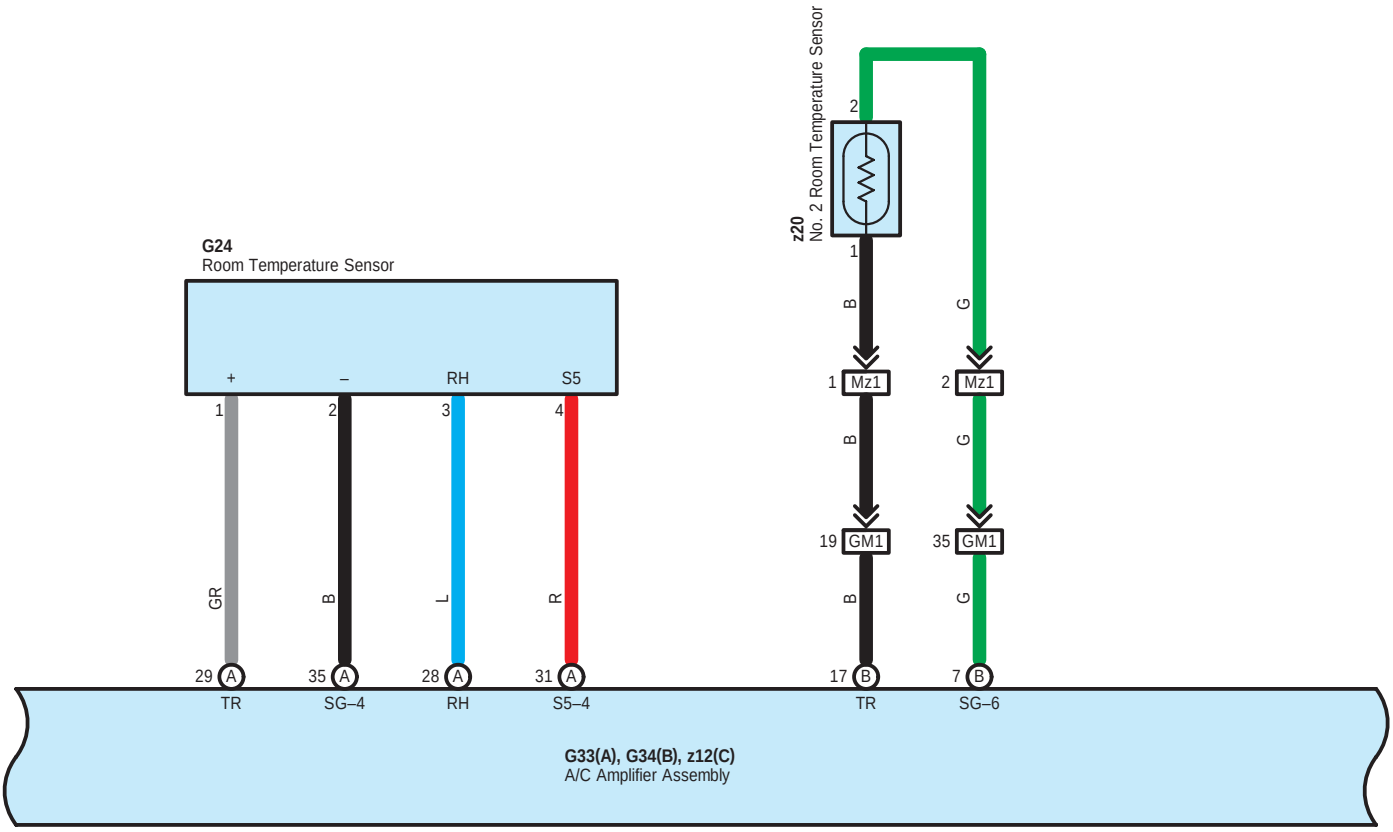
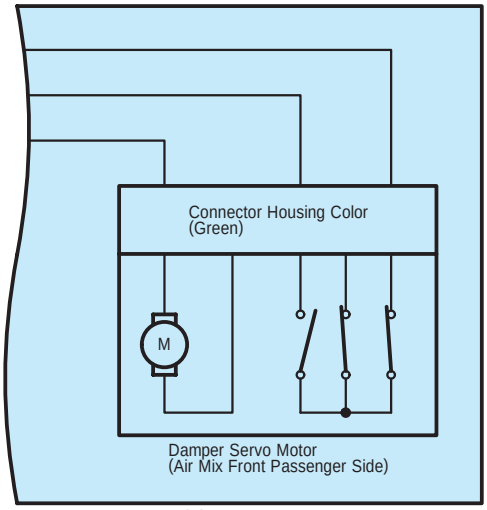

W–B(*11)
W–B(*14)
W–B(*11)
R
(BAT)
50A
HTR
(BAT)
7. 5A
ECU–B2
(ACC)
7. 5A
ECU–ACC
2
3
2
2
27
5D
GR
GR
20
17
AG3
G53
Junction
Connector
21
R
(*10)
B
(*5, *9)
GR
9
RB
7
RE
12
LM
12
LL
8
LL
9
RF
8
RF
(*5)
7
RL
(*6)
P
P
R
(*5, *9)
GR
R
3
2
1
6
5
+B
SI
+B
ACC
IG+
GND
GND
LIN1
G30
Front Blower with Fan Motor Sub–Assembly
G26
A/C Control Assembly
M
1
4
3
BR
Y
Y
W–B
W–B
W–B
W–B
W–B
W–B
10
5A
5
5A
4
5A
8
RJ
8
RG
12
RF
(*5)
12
RJ
(*6)
12
RA
12
RJ
(*5)
12
RG
(*6)
8
RM
W–B
W–B
W–B
(*11)
W–B
W–B
6
G74
Junction
Connector
G1
G2


W–B(∗11)
W–B(∗14)
BE
R
MG CLT Relay
D21(B)
Generator Assembly
M
DA2
AG3
AG5
AG7
BA1
BA3
G100
Heater Switch Assembly
ECU
E
DEF Relay
G33(A), G34(B), z12(C)
A/C Amplifier Assembly
BLW
MGC
ALT
ECON
SG–1
RDEF
LIN1
GND2
GND
DGS
SG–5
DGS1
B7
Smog Ventilation Sensor
IG
SG
W–B
A1
∗ 1 : w/ Automatic Recirculation Control System
∗ 3 : 2GR–FE
∗ 4 : 2AZ–FE
∗ 5 : Before Aug. 2010 Production
∗ 6 : From Aug. 2010 Production
∗ 7 : w/ PTC Heater
∗ 8 : Before Oct. 2011 Production
∗ 9 : From Oct. 2011 Production
∗10 : From Aug. 2010 Production until Oct. 2011 Production
∗11 : ∗13 ∗9
∗12 : ∗13 ∗8
∗13 : w/ Ion Generator Sub–Assembly
∗14 : ∗11 ∗12

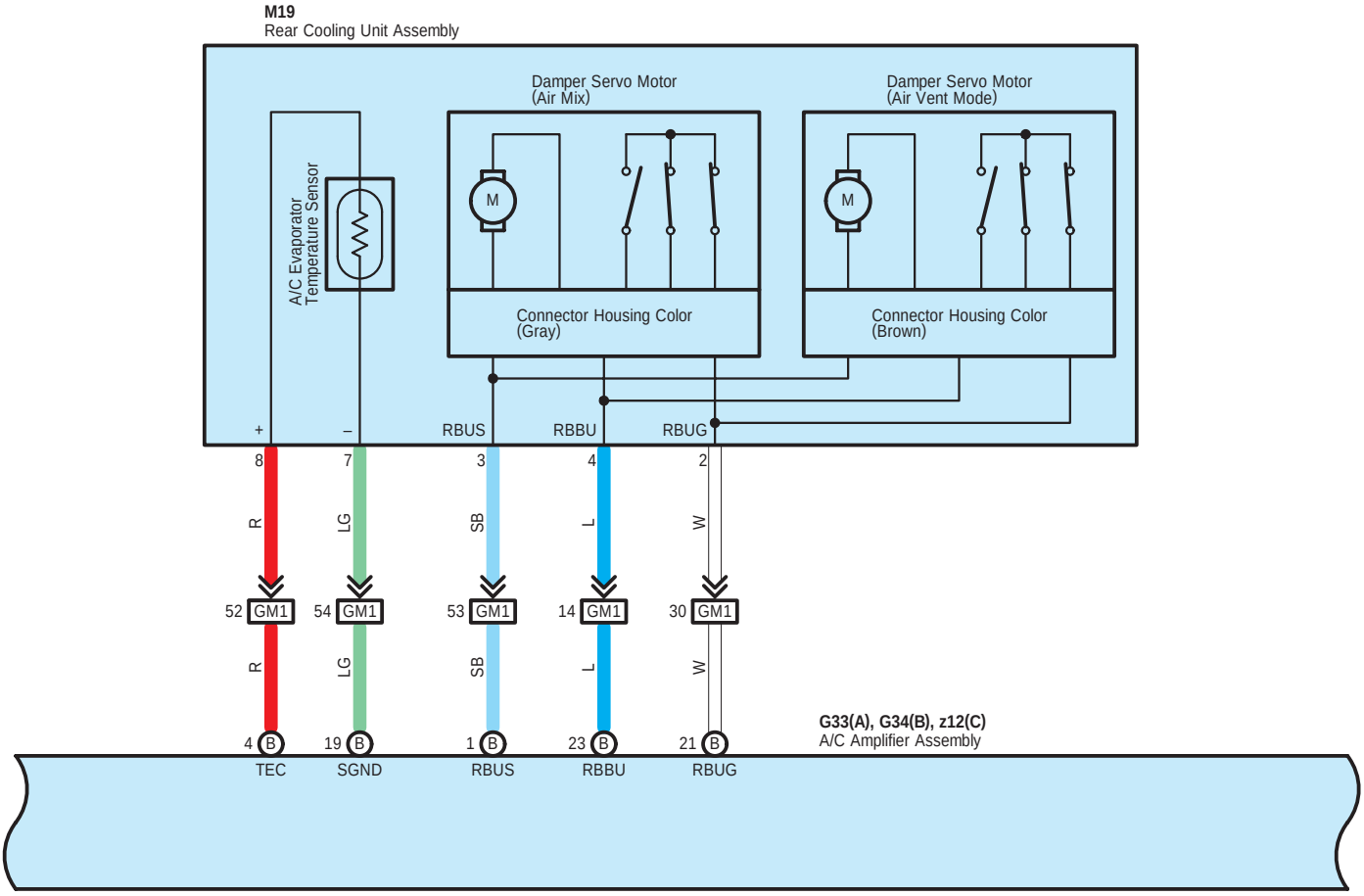

W–B(*11)
BE
W–B(*14)
W–B(*11)
R
R(*11)
R(*11)
R
R(*14)
H4(A), H5(B)
Front Ion Generator Sub–Assembly
GND
IG
PCL
ION–
IG+
G101
Air Purifier Switch Assembly
E
IND+
ECU
IND–
R24
Rear Ion Generator Sub–Assembly
RGND
RIG
RPCL
RIG+
PCD1
NANO
PCD2
RNNO
PCCD
NAIN
NASW
NAI
RNIN
G33(A), G34(B), z12(C)
A/C Amplifier Assembly
LOCK
SOL+
SG–2
S5–3
PRE
TAM
D25(A), D40(B), D53(C)
With Pulley Compressor Assembly
MG+
SSR+
SOL+
SOL–
SSR–
Magnetic Clutch
Lock Sensor
Flow Control Valve
A44
Junction Connector
A14
A/C Pressure Sensor
B6
Ambient Temperature Sensor
D1
A2

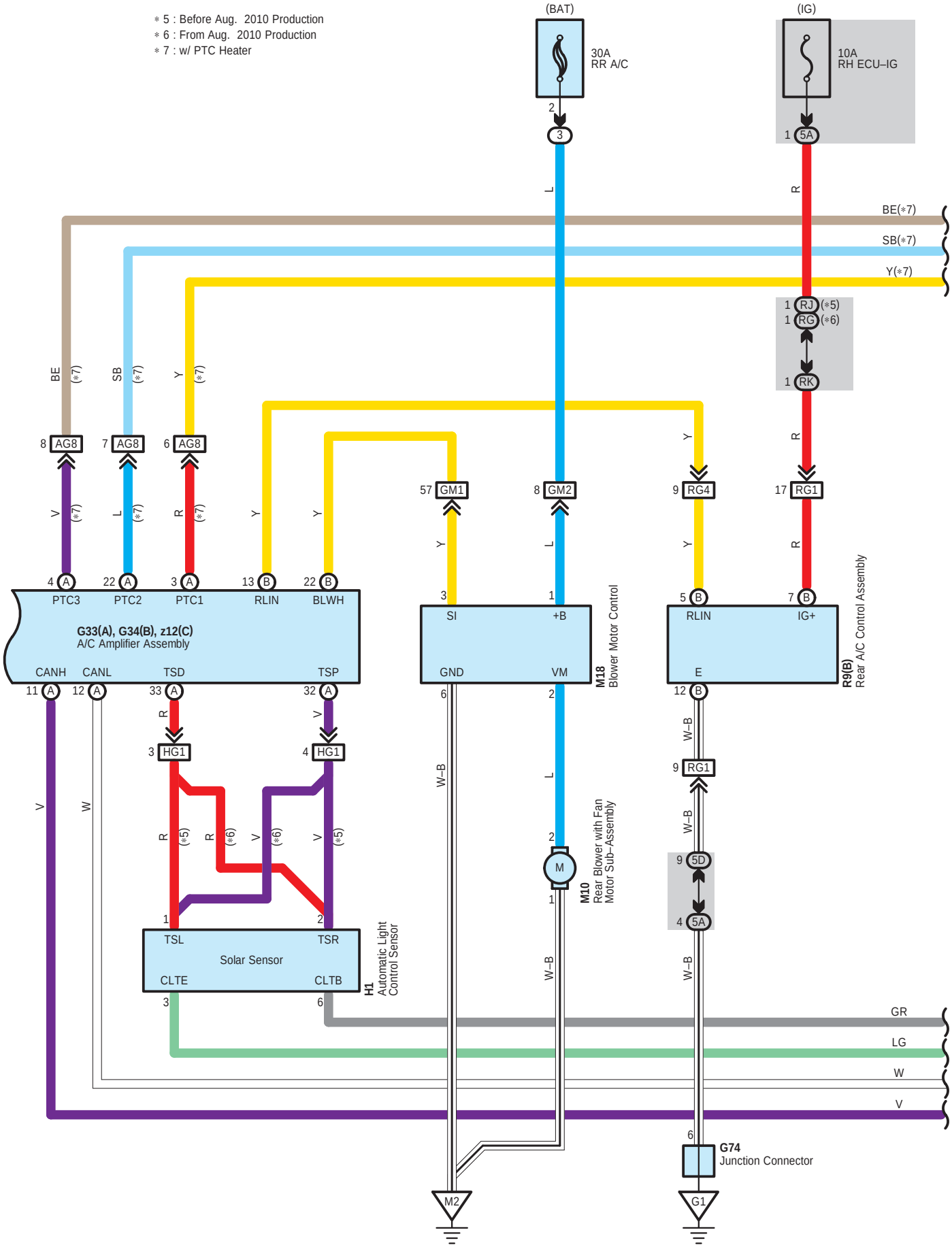

BE
R(∗11)
R(∗11)
R
R(∗14)
(IG)
10A
RH ECU–IG
(BAT)
10A
ECU–B
2
1
R
1 4K
25 4D
R
3 RI
14 5D
1 5A
6 5L
BE
R
R (∗11)
R (∗14)
R (∗11)
R (∗14)
R
6 LM
6 LL
2 RM
6 LG
3 RF (∗5)
1 RJ (∗6)
1 RJ (∗5)
1 RG (∗6)
2 RA
R
1 A
IG+
3 RA (∗8)
8 RA (∗9)
3 RJ (∗5)
3 RG (∗10)
9 RA (∗9)
SB
SB
21 A
B
24 B
+B2
∗ 3 : 2GR–FE
∗ 4 : 2AZ–FE
∗ 5 : Before Aug. 2010 Production
∗ 6 : From Aug. 2010 Production
∗ 8 : Before Oct. 2011 Production
∗ 9 : From Oct. 2011 Production
∗10 : From Aug. 2010 Production
until Oct. 2011 Production
∗11 : ∗13 ∗9
∗12 : ∗13 ∗8
∗13 : w/ Ion Generator Sub–Assembly
∗14 : ∗11 ∗12
G33(A), G34(B), z12(C)
A/C Amplifier Assembly
SG
TE
BUS G
BUS
B BUS
5 C
6 C
2 C
3 C
4 C
A/C Evaporator
Temperature Sensor
Connector Housing Color
(Red)
Connector Housing Color
(Black)
Connector Housing Color
(Blue)
M
M
M
Damper Servo Motor
(Air Vent Mode)
Damper Servo Motor
(Air Inlet)
Damper Servo Motor
(Air Mix Driver Side)
z12(C)
A/C Blower Assembly

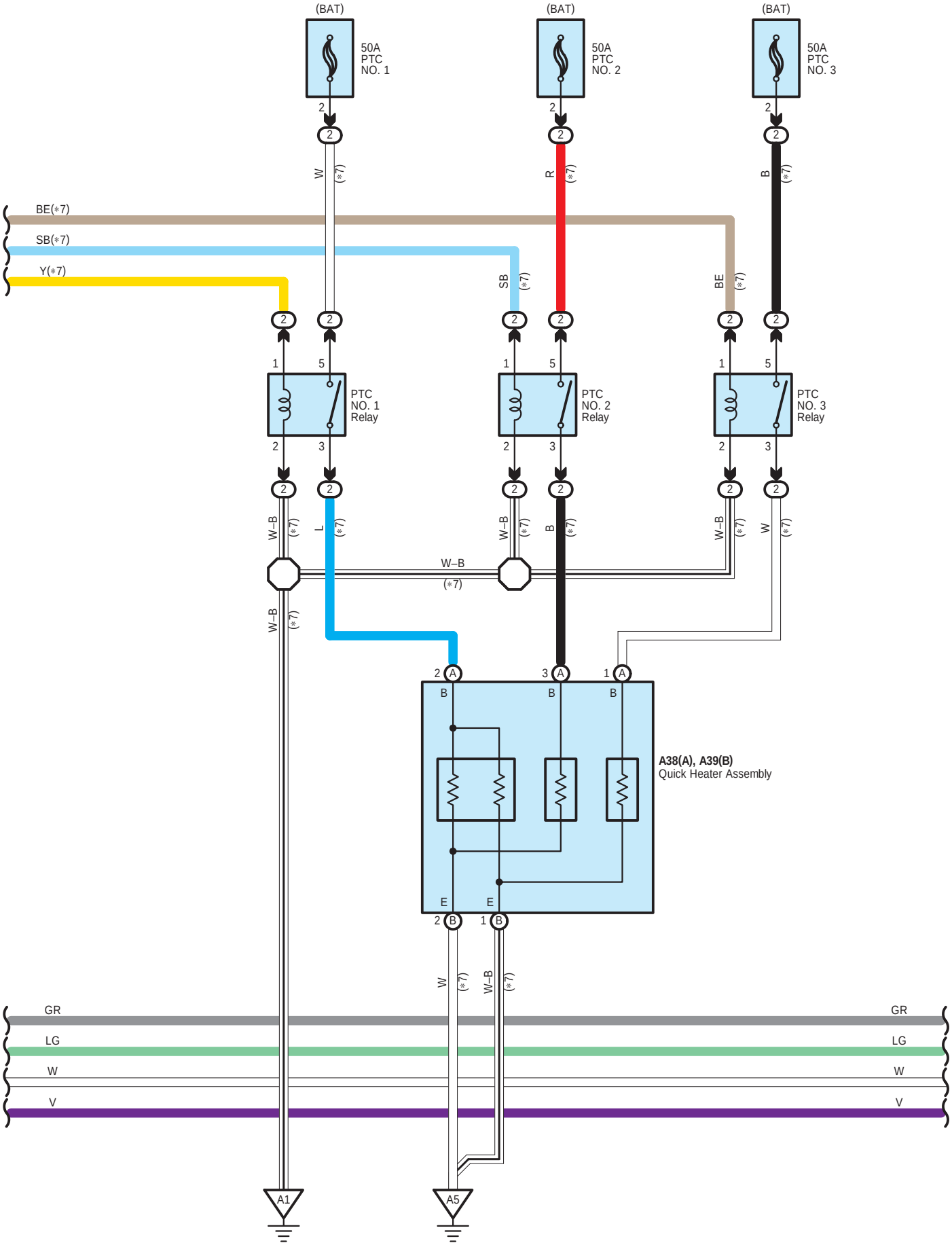


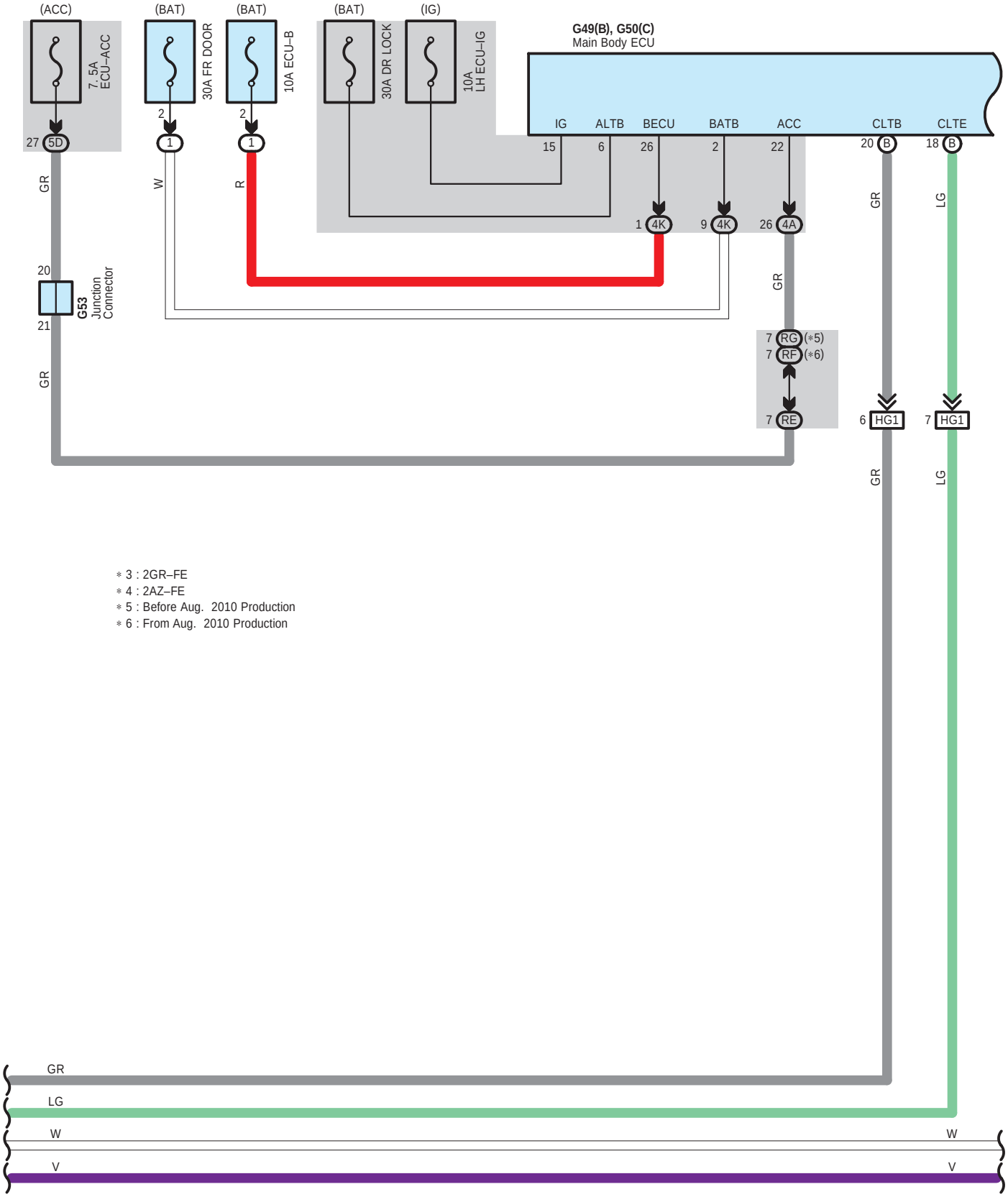


z12(C)
A/C Blower Assembly

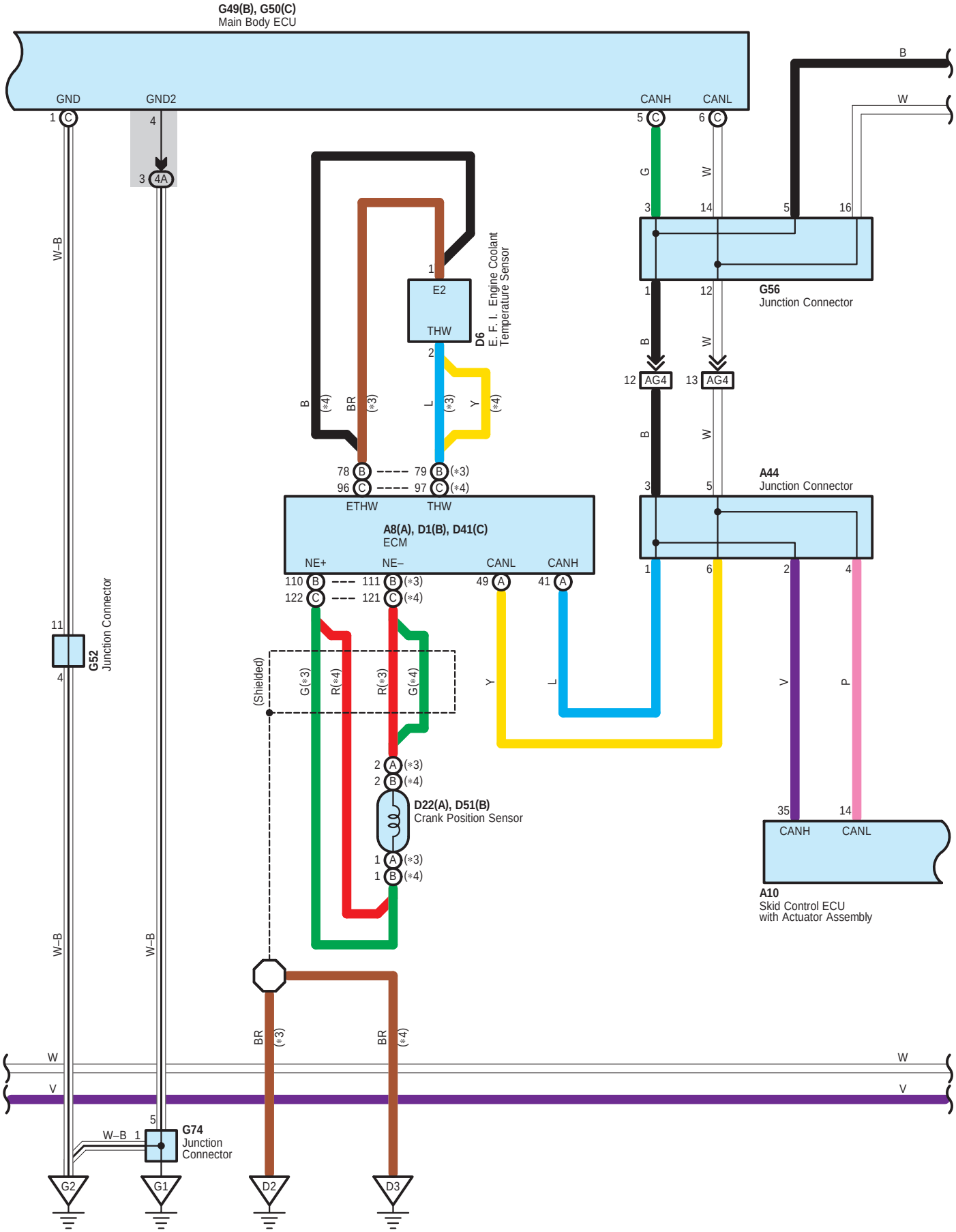

M19
Rear Cooling Unit Assembly
Damper Servo Motor
(Air Mix)
Damper Servo Motor
(Air Vent Mode)
A/C Evaporator
Temperature Sensor
M
M
Connector Housing Color
(Gray)
Connector Housing Color
(Brown)
+
–
RBUS
RBBU
RBUG
8
7
3
4
2
R
LG
SB
L
W
52 GM1
54 GM1
53 GM1
14 GM1
30 GM1
R
LG
SB
L
W
4 B
19 B
1 B
23 B
21 B
TEC
SGND
RBUS
RBBU
RBUG
G33(A), G34(B), z12(C)
A/C Amplifier Assembly

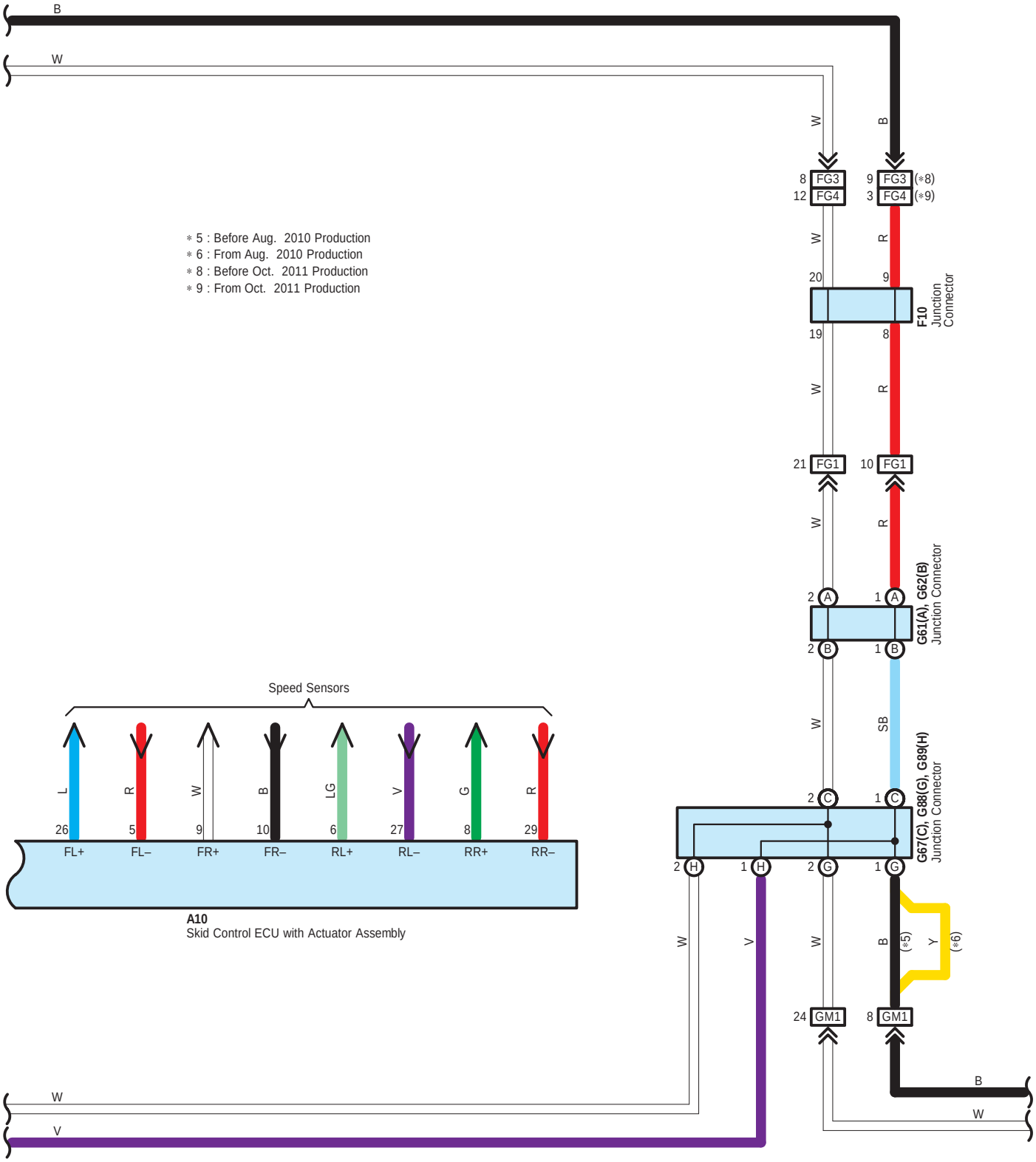

∗5 : Before Aug. 2010 Production
∗6 : From Aug. 2010 Production
∗7 : w/ PTC Heater
(BAT)
30A
RR A/C
(IG)
10A
RH ECU–IG
BE(∗7)
SB(∗7)
Y(∗7)
G33(A), G34(B), z12(C)
A/C Amplifier Assembly
PTC3
PTC2
PTC1
RLIN
BLWH
CANH
CANL
TSD
TSP
M18
Blower Motor Control
SI
+B
GND
VM
R9(B)
Rear A/C Control Assembly
RLIN
IG+
E
M10
Rear Blower with Fan
Motor Sub–Assembly
H1
Automatic Light
Control Sensor
TSL
TSR
Solar Sensor
CLTE
CLTB
G74
Junction Connector
M2
G1
GR
LG
W
V

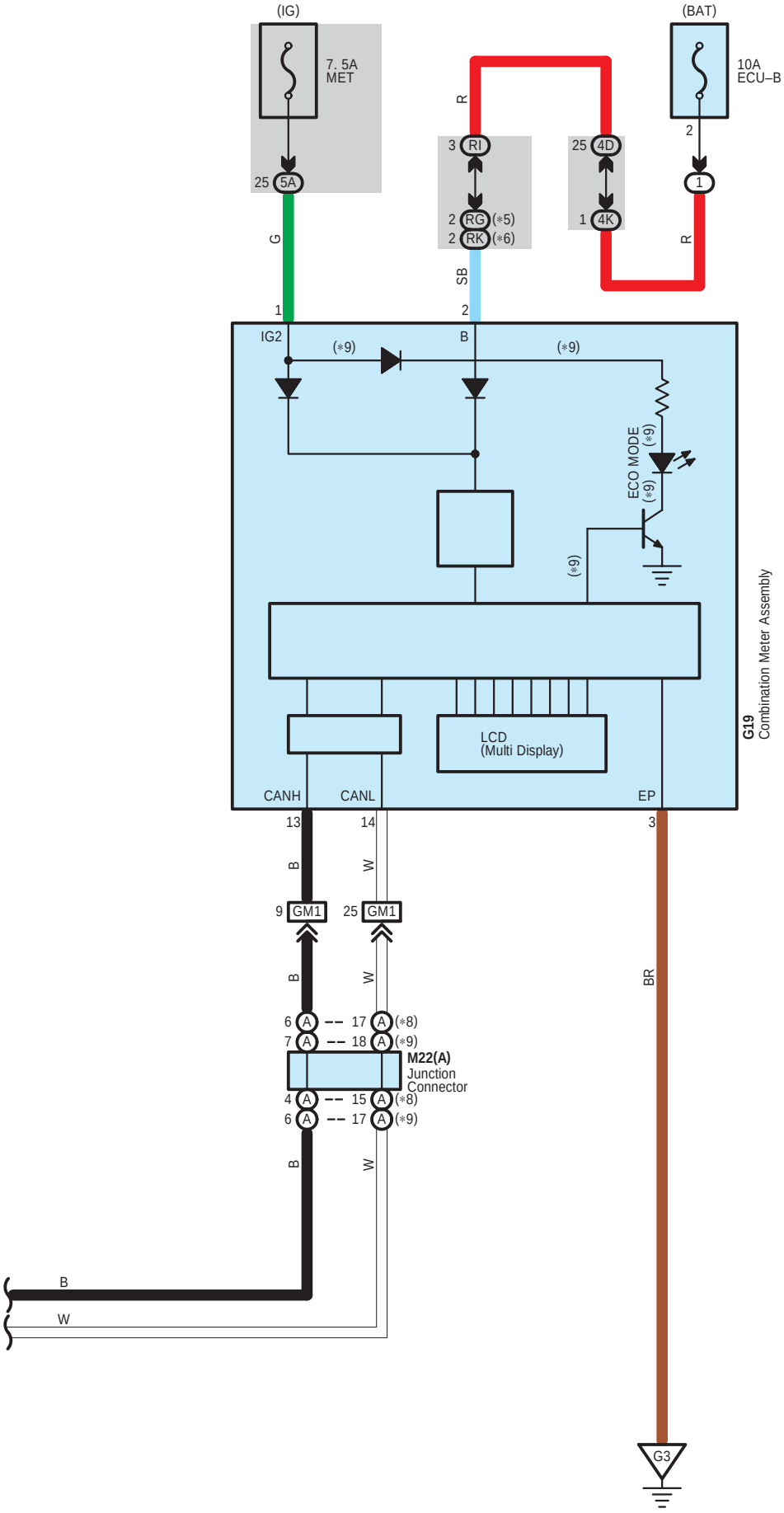

(BAT)
50A
PTC
NO. 1
(BAT)
50A
PTC
NO. 2
(BAT)
50A
PTC
NO. 3
BE(*7)
SB(*7)
Y(*7)
PTC
NO. 1
Relay
PTC
NO. 2
Relay
PTC
NO. 3
Relay
W–B
(*7)
A38(A), A39(B)
Quick Heater Assembly
GR
LG
W
V
A1
A5



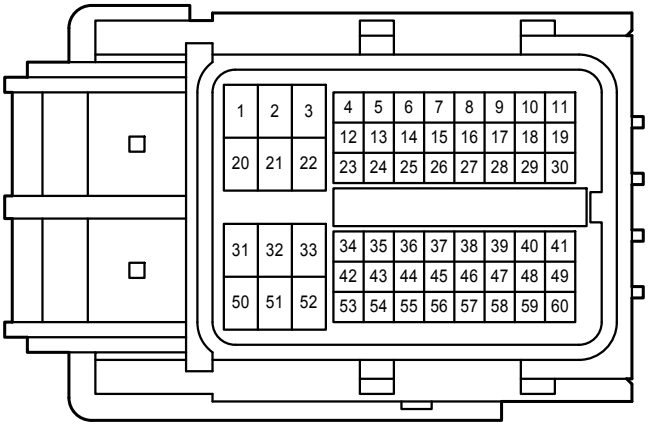
∗ 3 : 2GR–FE
∗ 4 : 2AZ–FE
∗ 5 : Before Aug. 2010 Production
∗ 6 : From Aug. 2010 Production


G49(B), G50(C)
Main Body ECU
GND
GND2
CANH
CANL
E2
THW
D6
E. F. I. Engine Coolant Temperature Sensor
G56
Junction Connector
AG4
A44
Junction Connector
ETHW
A8(A), D1(B), D41(C)
ECM
NE+
NE–
(Shielded)
D22(A), D51(B)
Crank Position Sensor
A10
Skid Control ECU
with Actuator Assembly
G52
Junction Connector
G74
Junction
Connector
G2
G1
D2
D3

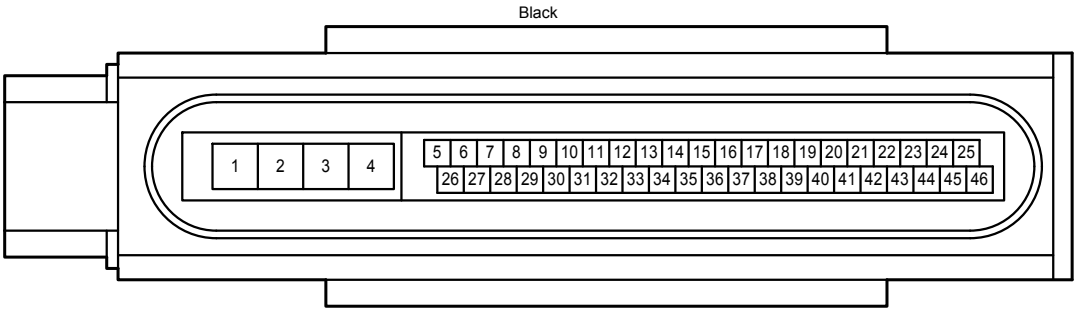

B
W
W
B
8 FG3
12 FG4
9 FG3 (*8)
3 FG4 (*9)
W
R
20
9
F10
Junction
Connector
19
8
W
R
21 FG1
10 FG1
W
R
2 A
1 A
G61(A), G62(B)
Junction Connector
2 B
1 B
W
SB
2 C
1 C
G67(C), G88(G), G89(H)
Junction Connector
2 H
1 H
2 G
1 G
W
V
W
B (*5)
Y (*6)
24 GM1
8 GM1
B
W
W
V
Speed Sensors
L
R
W
B
LG
V
G
R
26
5
9
10
6
27
8
29
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
A10
Skid Control ECU with Actuator Assembly
* 5 : Before Aug. 2010 Production
* 6 : From Aug. 2010 Production
* 8 : Before Oct. 2011 Production
* 9 : From Oct. 2011 Production


(IG)
7. 5A
MET
25 5A
G
1
IG2
(BAT)
10A
ECU–B
2
1
R
3 RI
2 RG (*5)
2 RK (*6)
SB
2
B
25 4D
1 4K
R
(*9)
(*9)
ECO MODE
(*9)
(*9)
(*9)
LCD
(Multi Display)
CANH
CANL
EP
G19
Combination Meter Assembly
13
14
3
B
W
9 GM1
25 GM1
B
W
BR
6 A -- 17 A (*8)
7 A -- 18 A (*9)
M22(A)
Junction
Connector
4 A -- 15 A (*8)
6 A -- 17 A (*9)
B
W
B
W
G3

A 8
Black

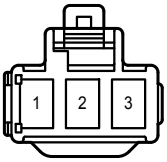


A 10
Black

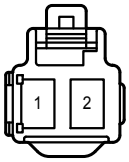


A 14
Black

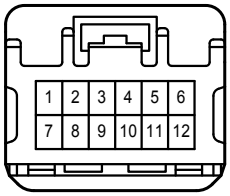
A 38
White



A 39
White

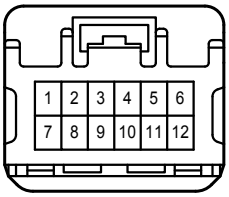


A 44
Gray



(Before Oct. 2011 Production)

A 44
Black

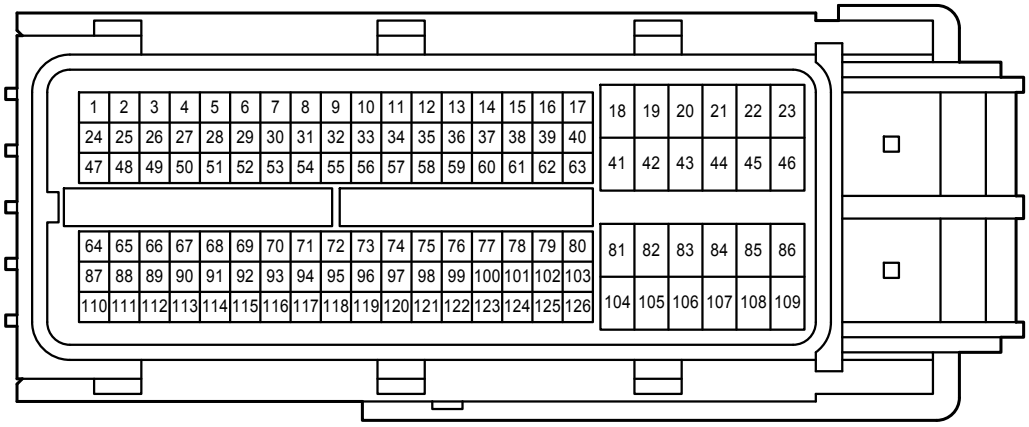


(From Oct. 2011 Production)

B 6
Black

B 7
Black

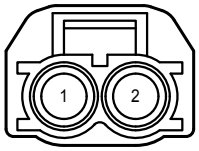
D 1
Black



D 6
Black

D 21
Black

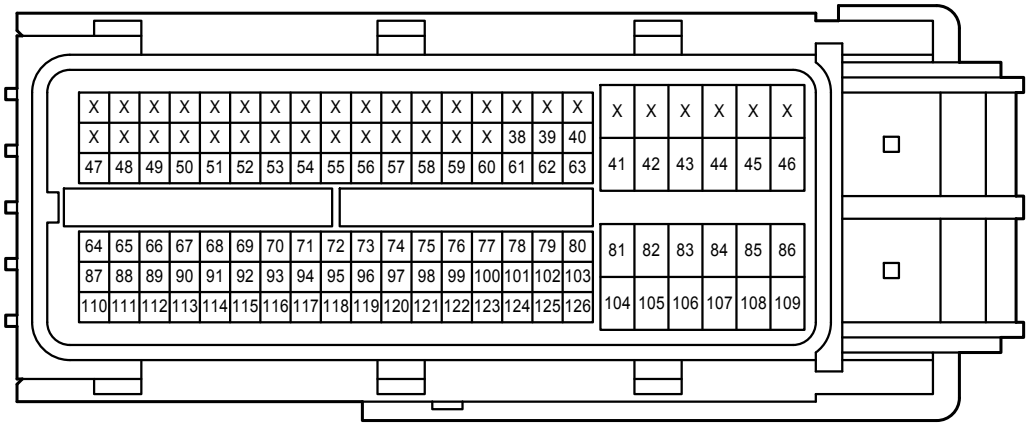
D 22
Black



D 25
Black

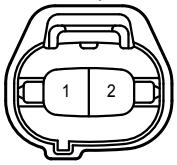
D 40
Gray

D 41
Black

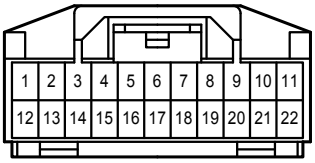


D 51
Gray

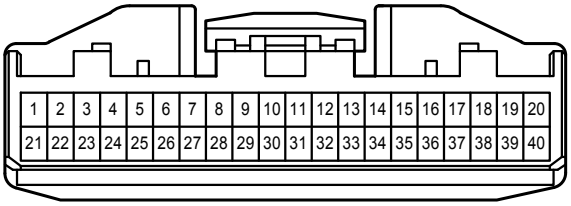
D 53
Gray



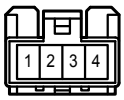
F 10
Black



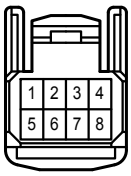
G 19
White



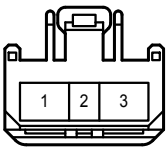
G 24
Black



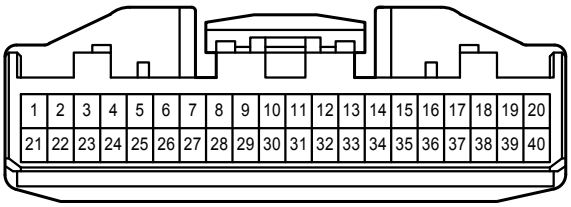
G 26
Black



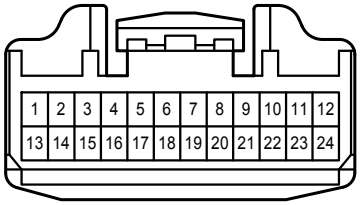
G 30
Black



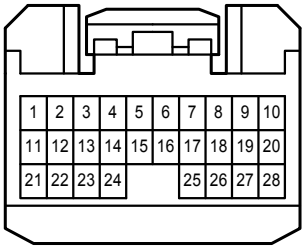
G 33
White



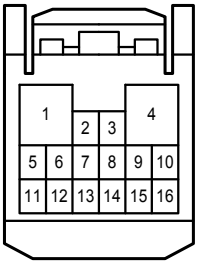
G 34
White



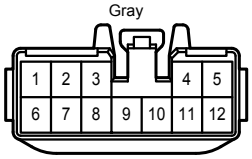
G 49
White



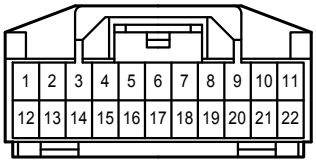
G 50
White



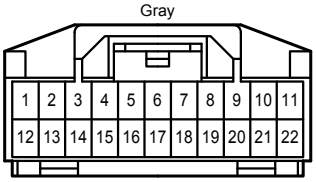
G 52
Gray



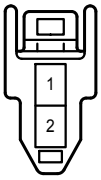
G 53
Black



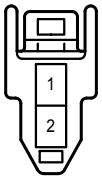
G 56
Gray



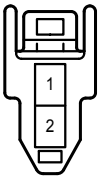
G 61
Brown



G 62
Brown



G 67
White



G 74
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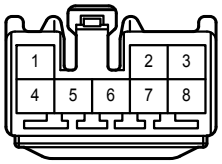

G 88
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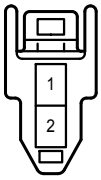

G 89
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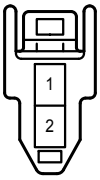

G100
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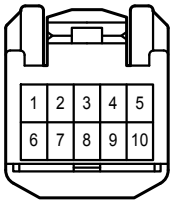

G101
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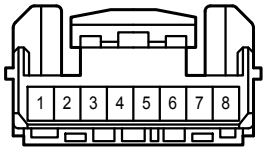

H 1
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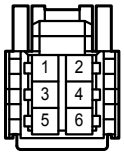

H 4
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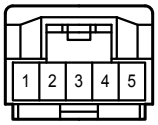

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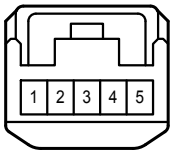

M 10
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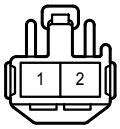
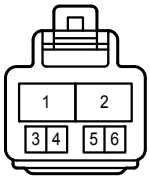


M 18
Black



M 19
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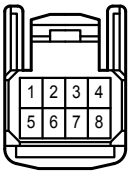

M 22
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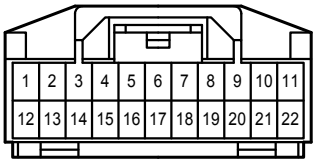
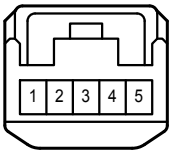


R 9
Black

(From Jun. 2009 Production)

R 24
White



z 12
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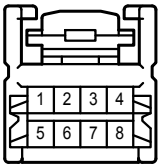
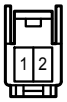
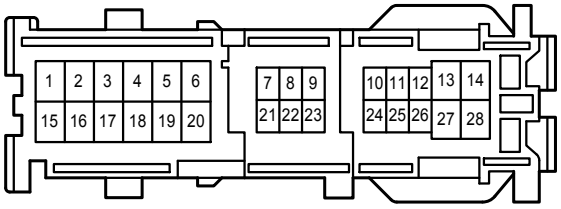


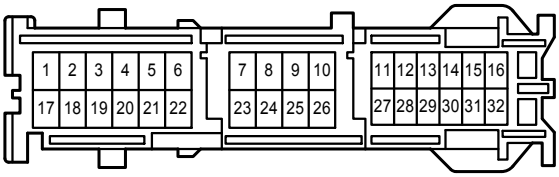
z 20
Black



4A
White

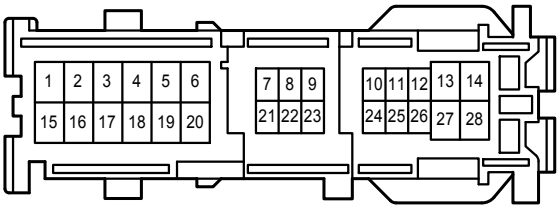


4D
White

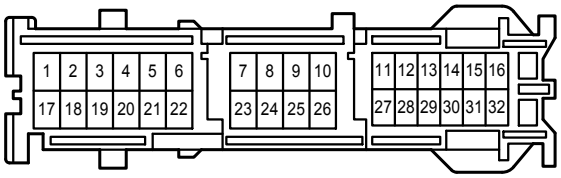


4K
Gray

5A
White



5D
White



5L
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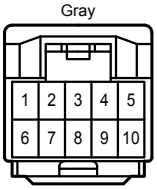

LG
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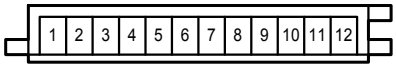

LL
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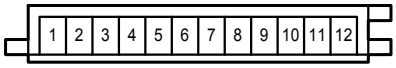

LM
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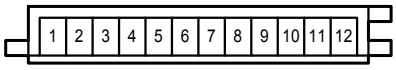

RA
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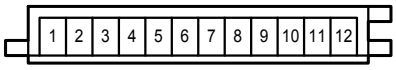

RB
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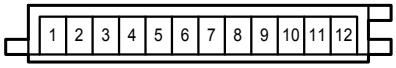

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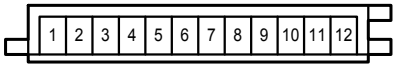

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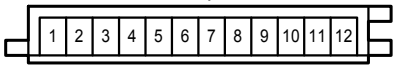

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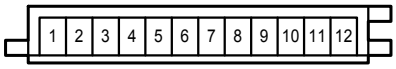

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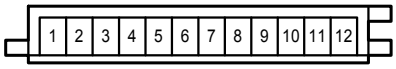

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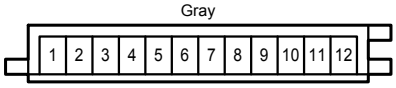

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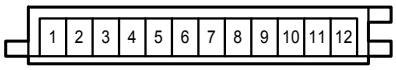

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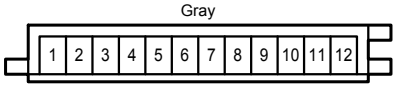

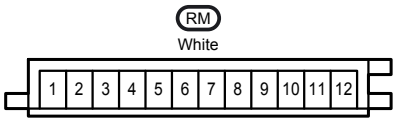
RM
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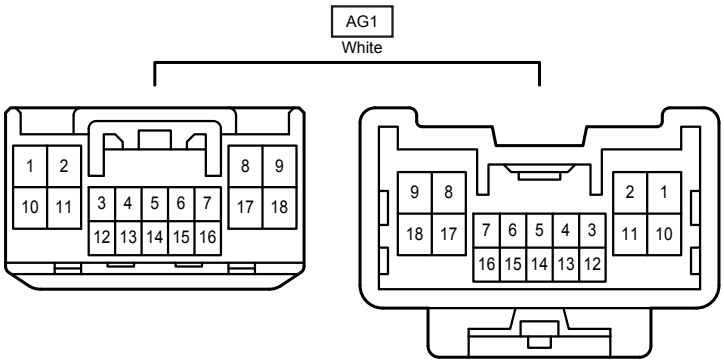
1 2 3 4 5 6 7 8 9 10 11 12


AG1
White
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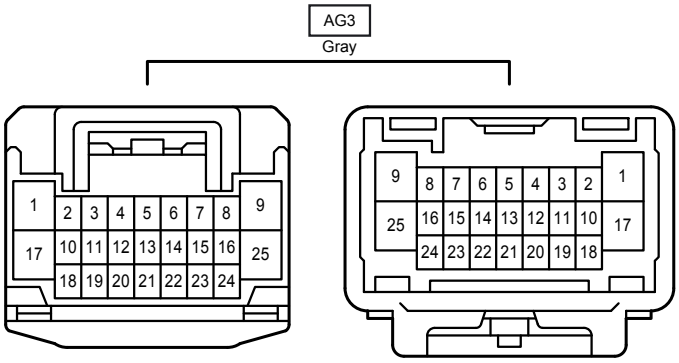
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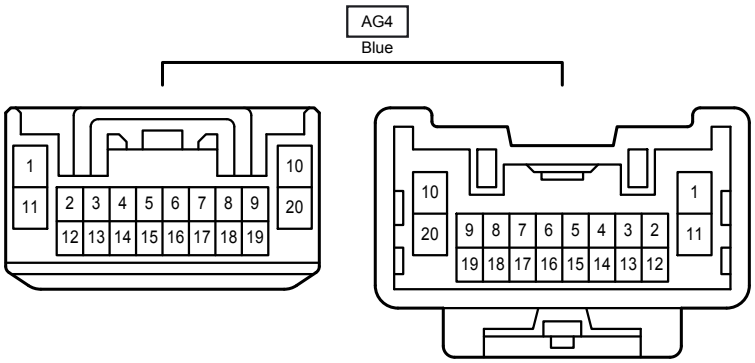
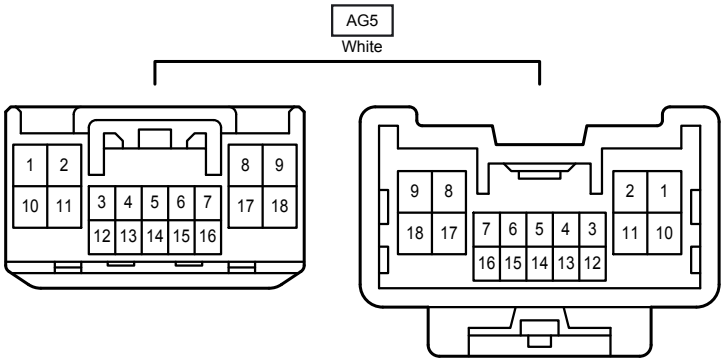
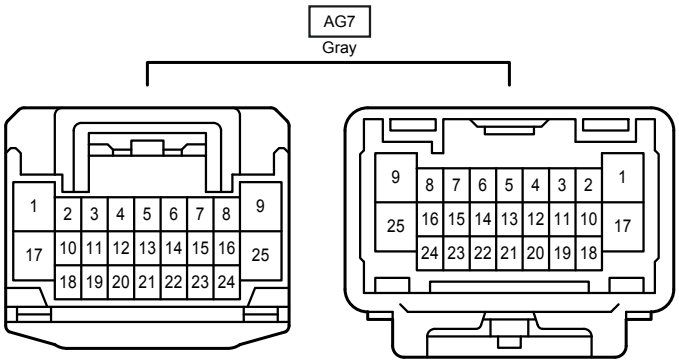
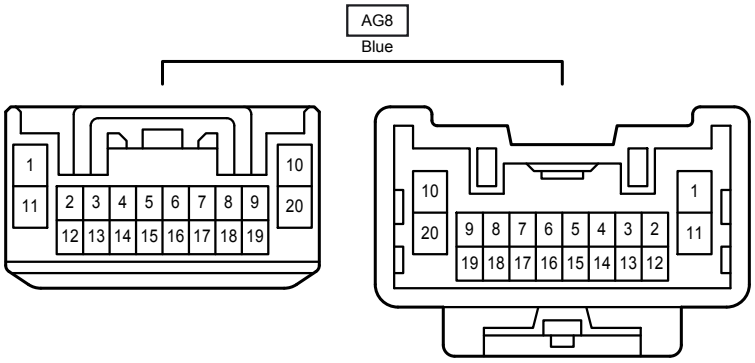
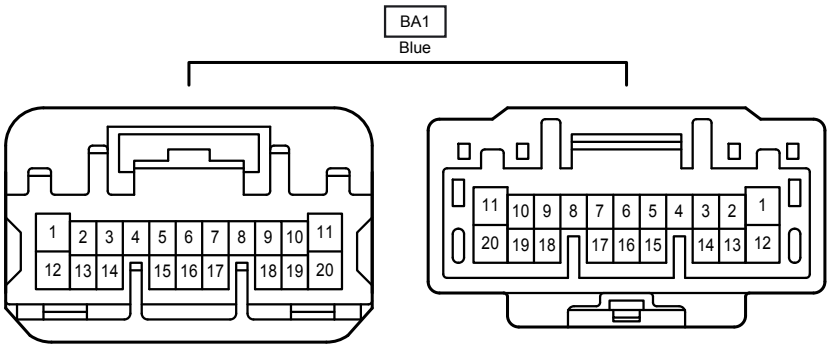
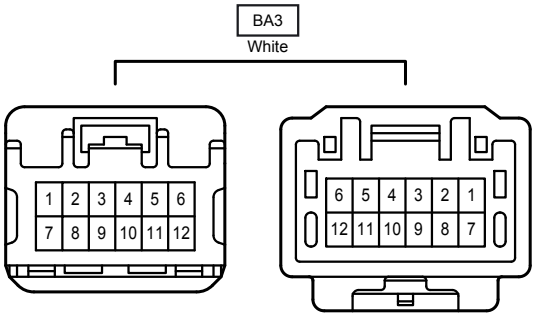

AG4
Blue
1 11 2 3 4 5 6 7 8 9 12 13 14 15 16 17 18 19 10 20
10 20 9 8 7 6 5 4 3 2 19 18 17 16 15 14 13 12 1 11

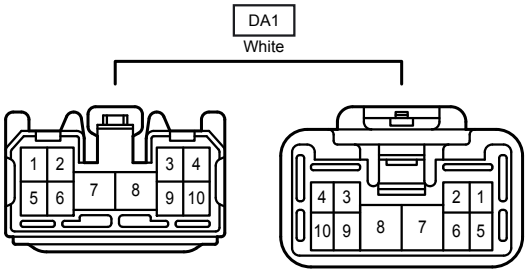

AG5
White
1 2 10 11 3 4 5 6 7 12 13 14 15 16 8 9 17 18
9 8 18 17 7 6 5 4 3 16 15 14 13 12 2 1 11 10


AG7
Gray

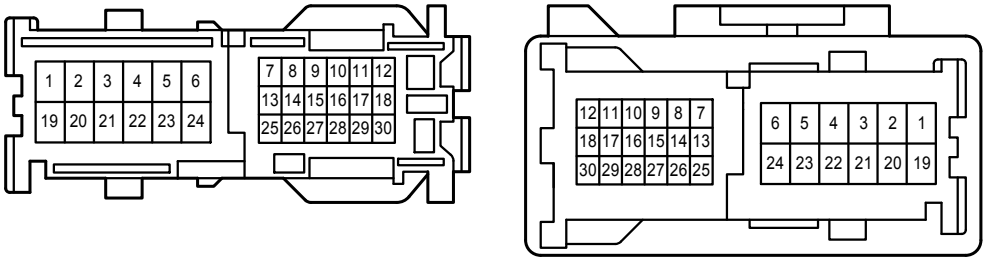

AG8
Blue


BA1
Blue

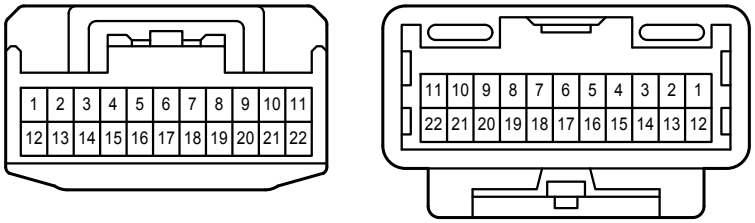

BA3
White


DA1
White

DA2
White



FG1
Blue



FG3
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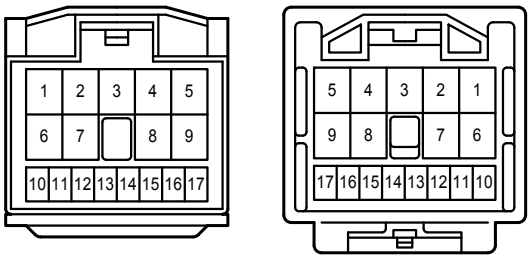
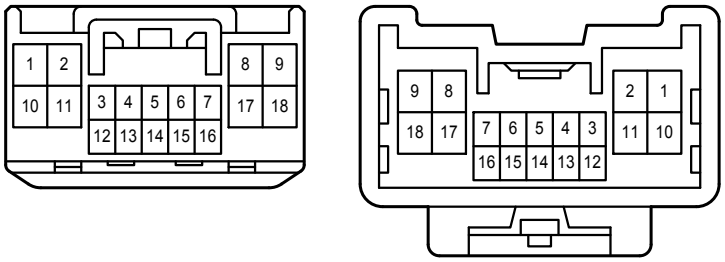


FG4
Gray



GM1
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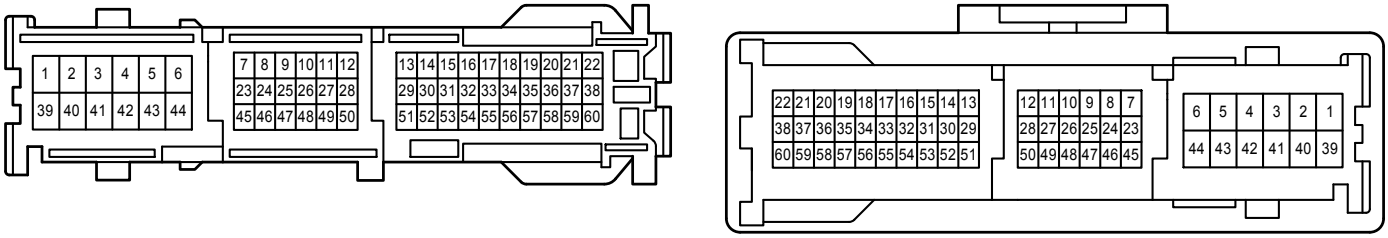
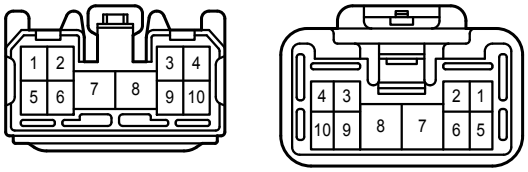
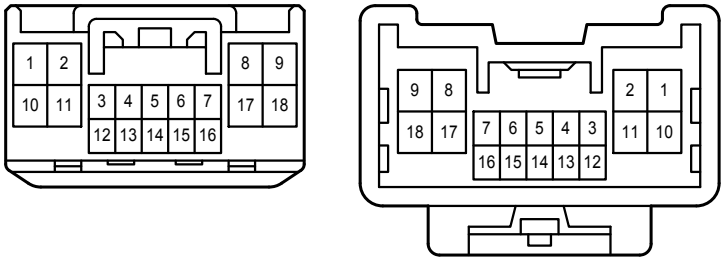


GM2
White



HG1
White



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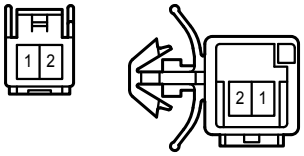

RG1
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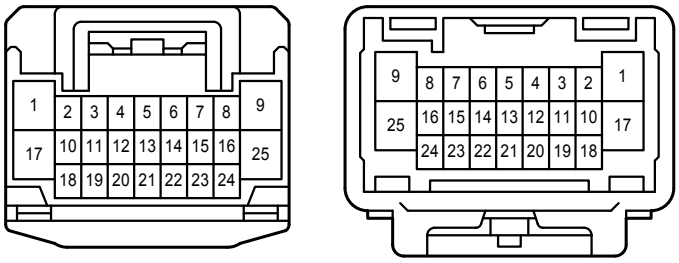
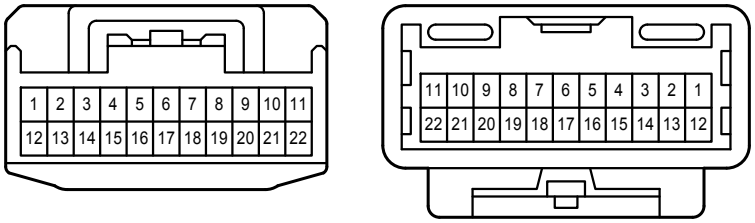
RG4
Gray