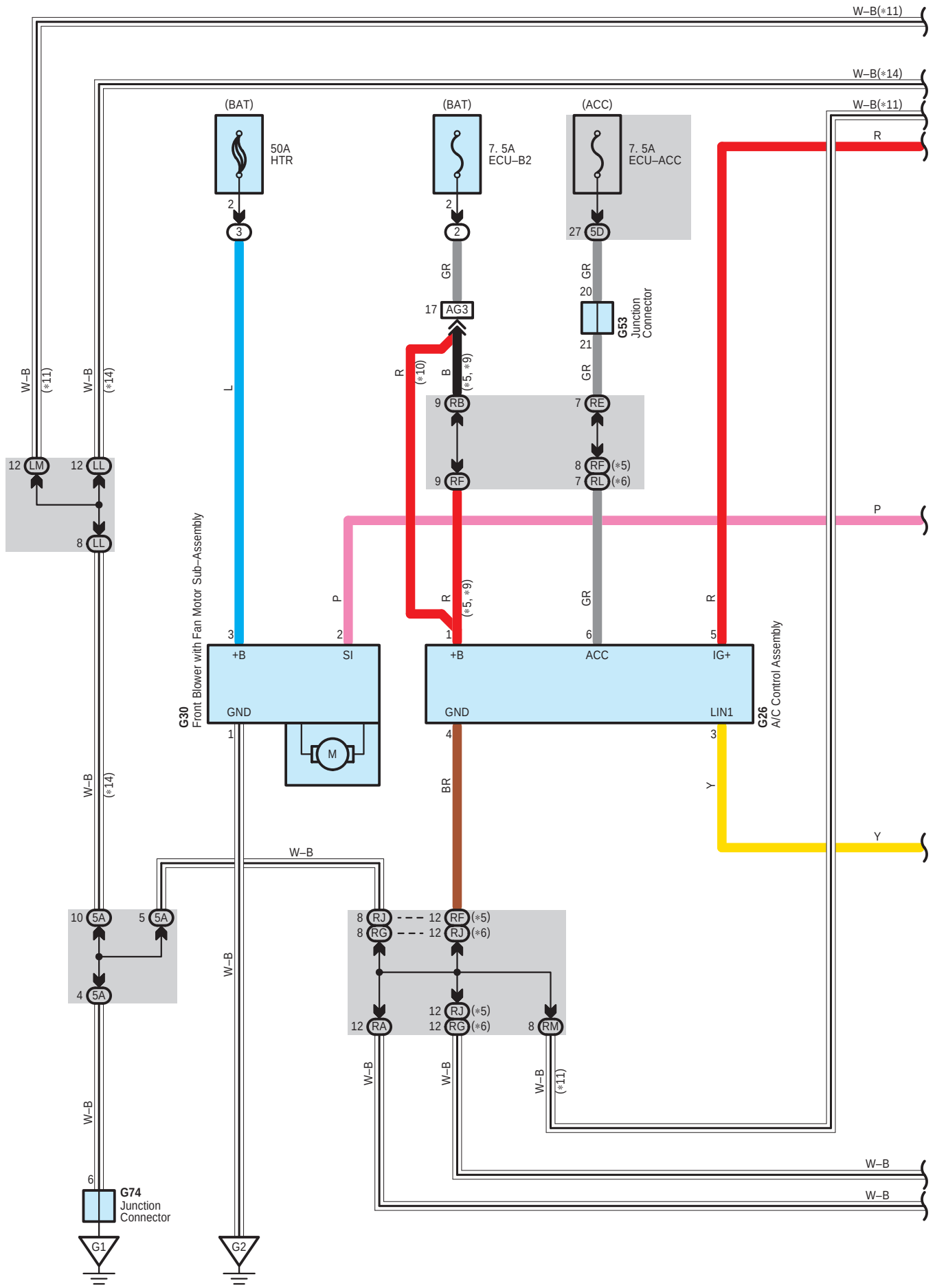




Wiring Diagram for G33(A), G34(B), z12(C) A/C Amplifier Assembly

Legend:

- * 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
- * 15 : Before Sep. 2012 Production
- * 16 : From Sep. 2012 Production

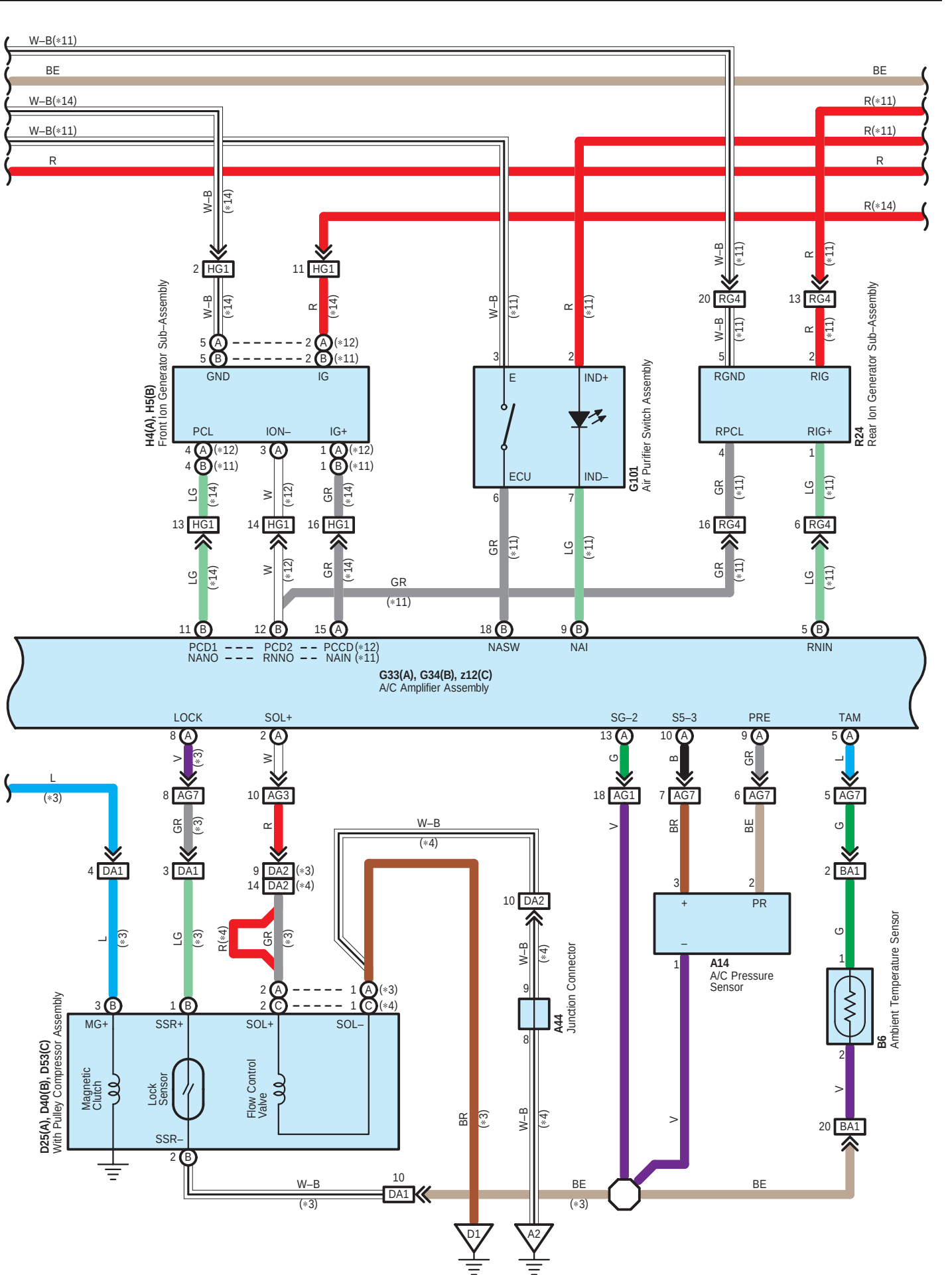
Components and Connections:

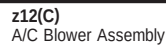
- MG CLT Relay:** Connected to BE (*1), BE (*3), L (*3), and LG (*3).
- D21(B) Generator Assembly:** Connected to B (*4 *7), P (*3 *7), and Y (*4 *7).
- G100(A), G105(B) Heater Switch Assembly:** Includes ECU and E terminals. Connected to 9 (A, B), 6 (A, B), and 6 (A, B).
- G33(A), G34(B), z12(C) A/C Amplifier Assembly:**
 - Inputs:** BLW (23 A), MGC (20 A), ALT (25 A), ECON (36 A), SG-1 (34 A), RDEF (38 A).
 - Outputs:** LIN1 (37 A), GND2 (20 B), GND (14 A), DGS (6 A), SG-5 (6 B), DGS1 (7 A).
- B7 Smog Ventilation Sensor:**
 - Inputs:** R (*1), W (*1), G (*1), LG (*1), W-B (*1).
 - Outputs:** IG, DGS, SG, DGS1, E.

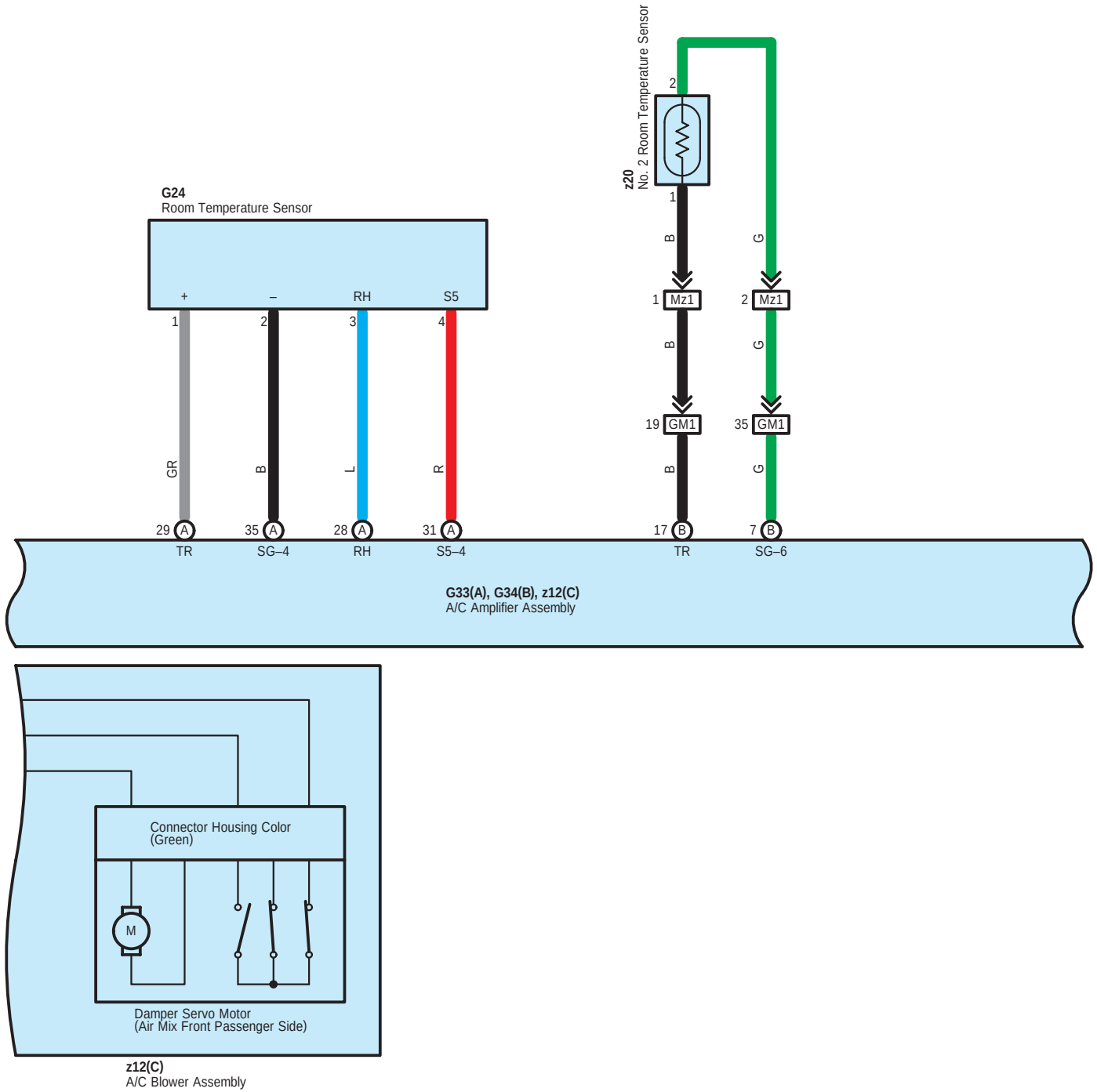
Internal Circuitry of B7 Smog Ventilation Sensor:

The sensor's internal circuit includes a diode (IG), a resistor network, and a control unit. The connections are as follows:

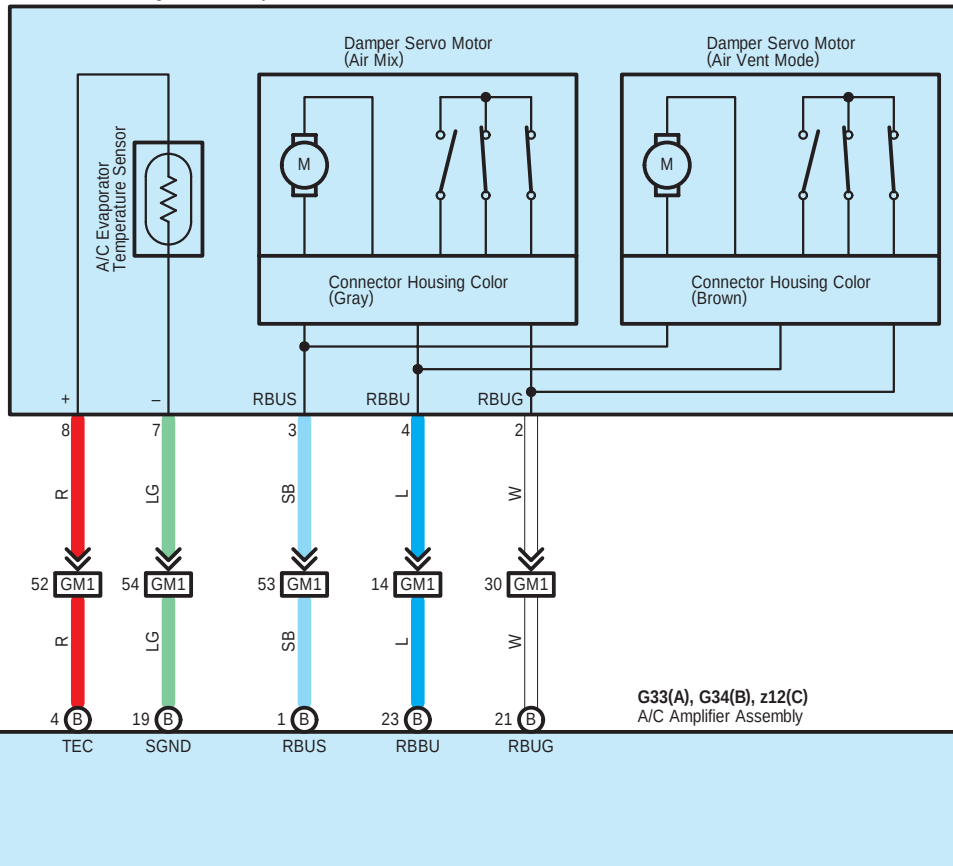
- IG:** Connected to R (*1).
- DGS:** Connected to W (*1).
- SG:** Connected to G (*1).
- DGS1:** Connected to LG (*1).
- E:** Connected to W-B (*1).



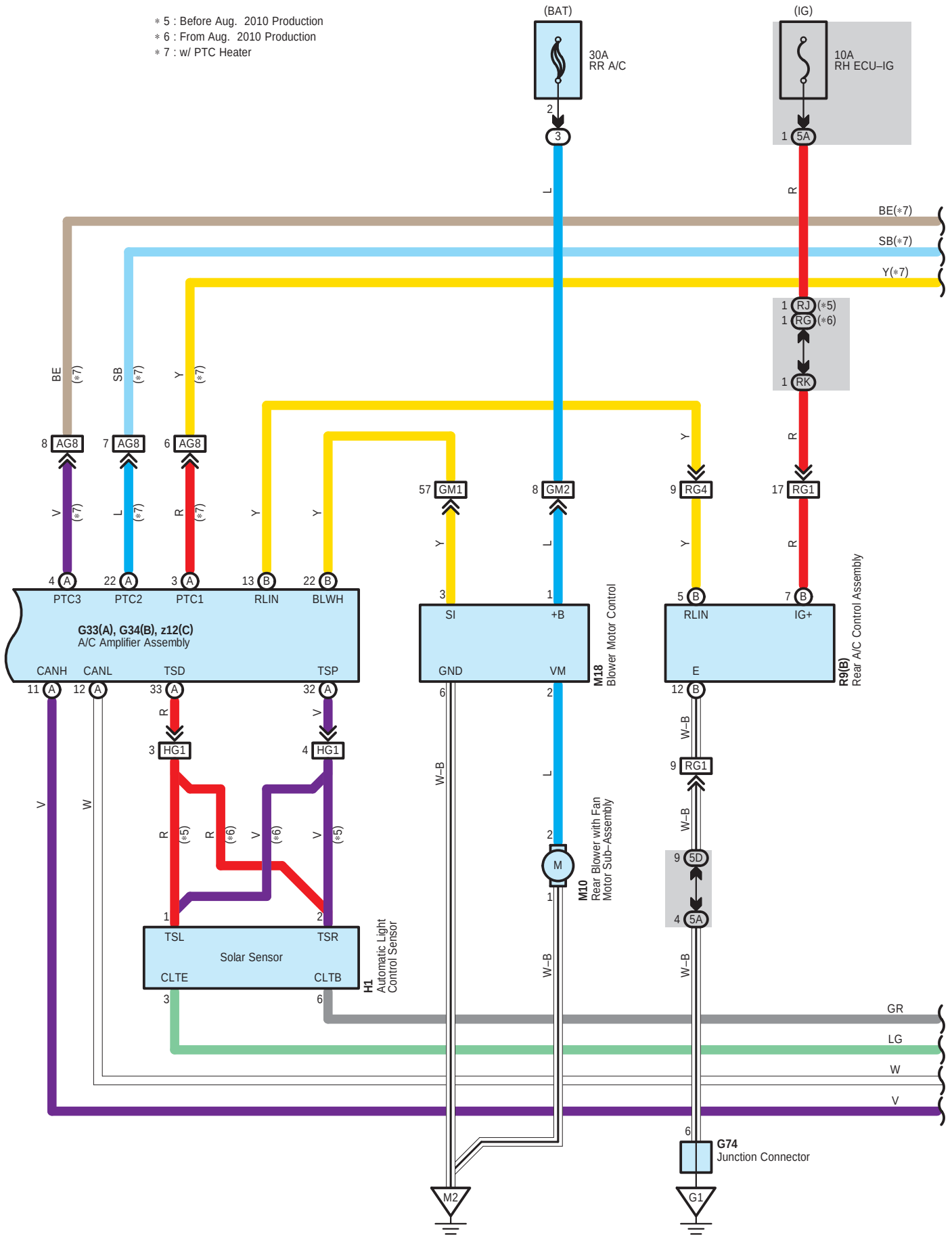


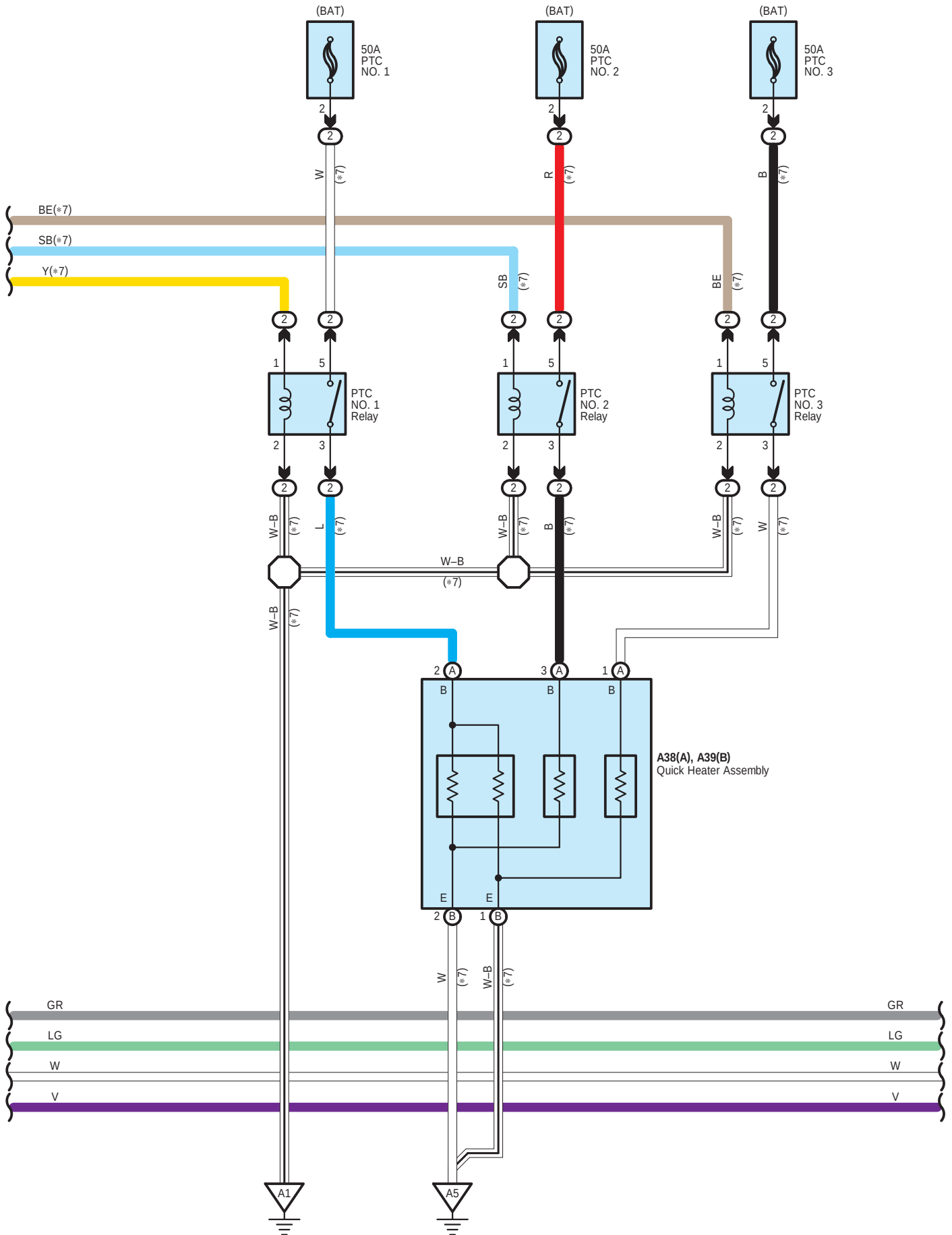


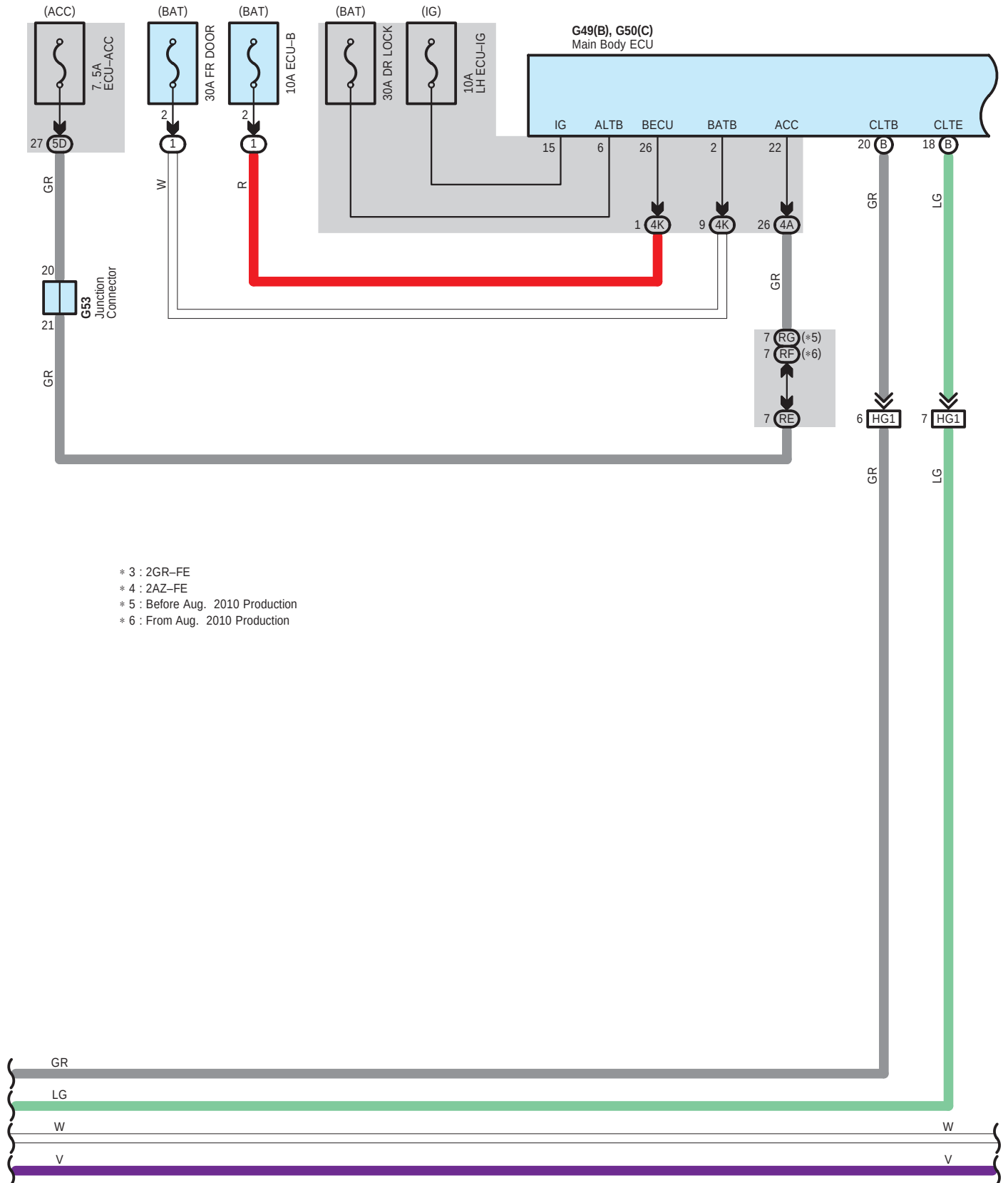
M19
Rear Cooling Unit Assembly

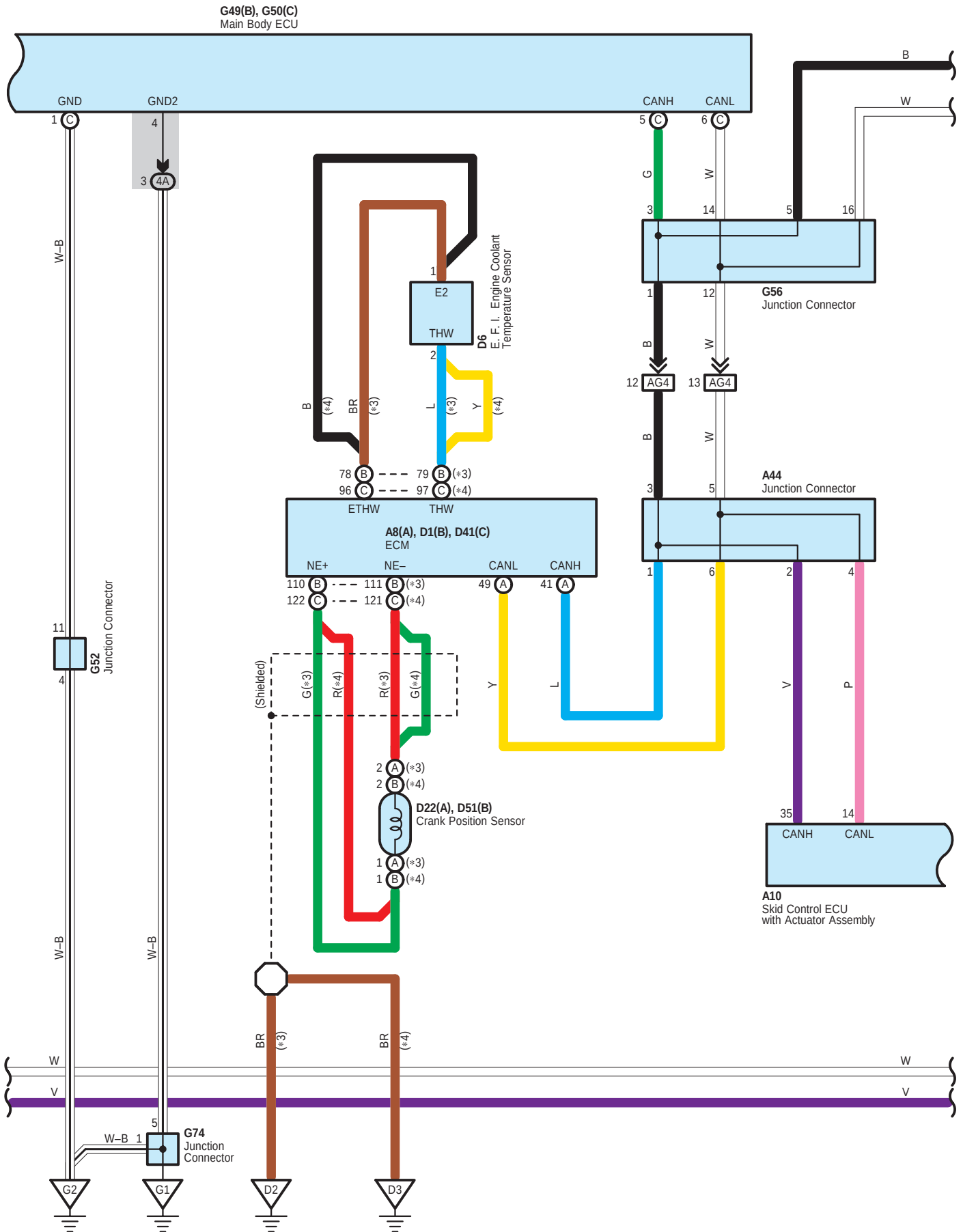


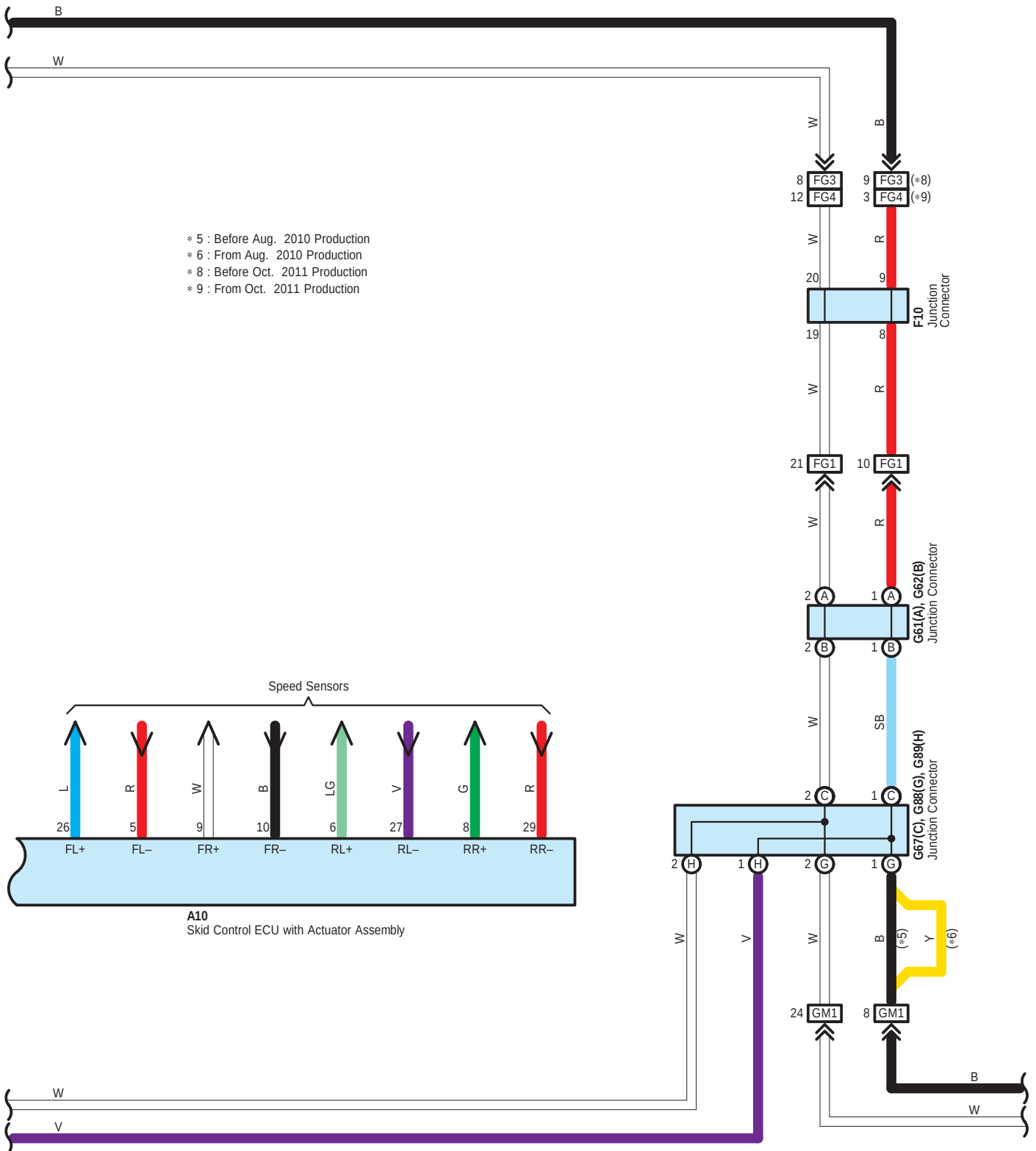
- * 5 : Before Aug. 2010 Production
- * 6 : From Aug. 2010 Production
- * 7 : w/ PTC Heater

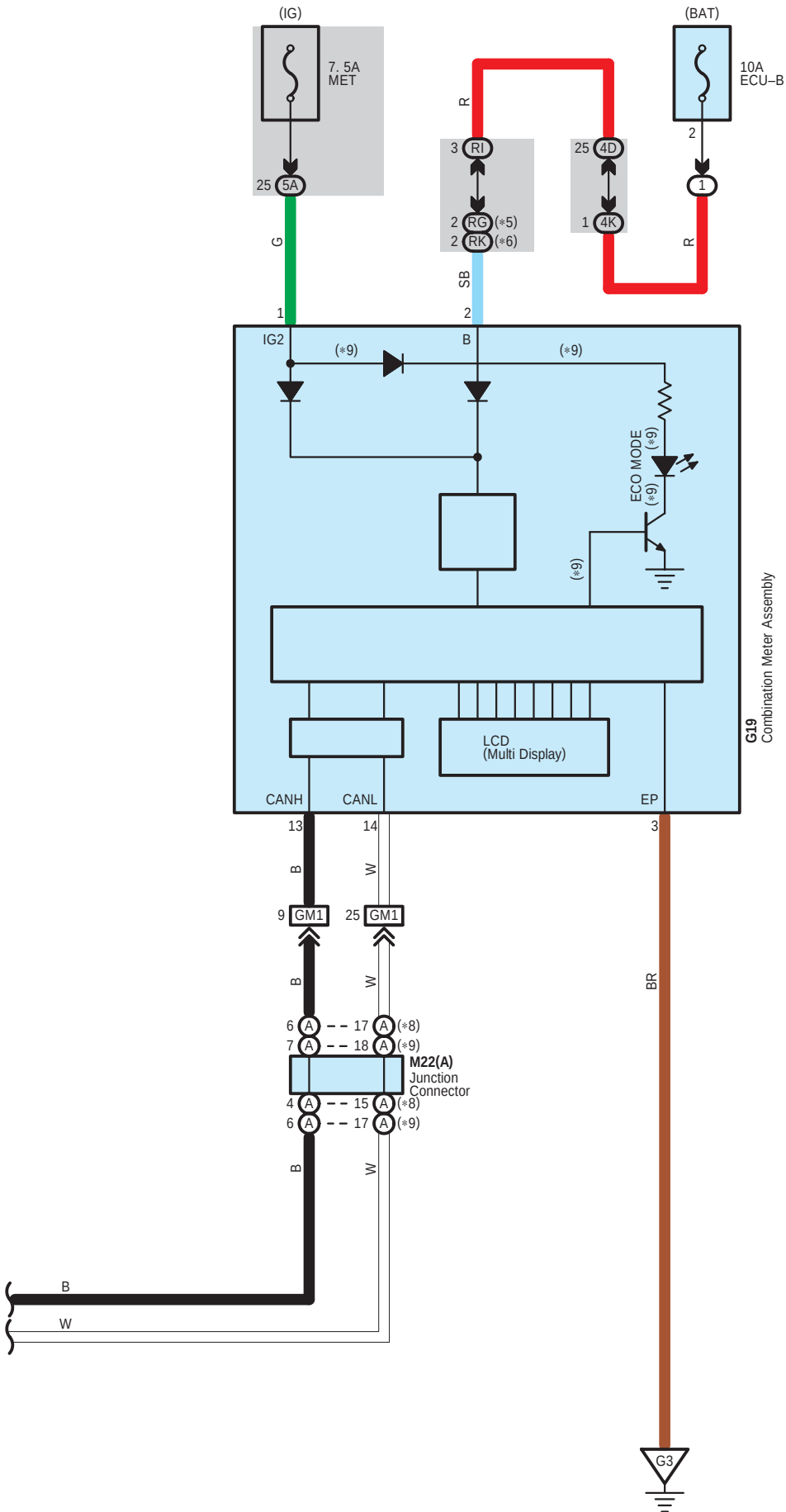




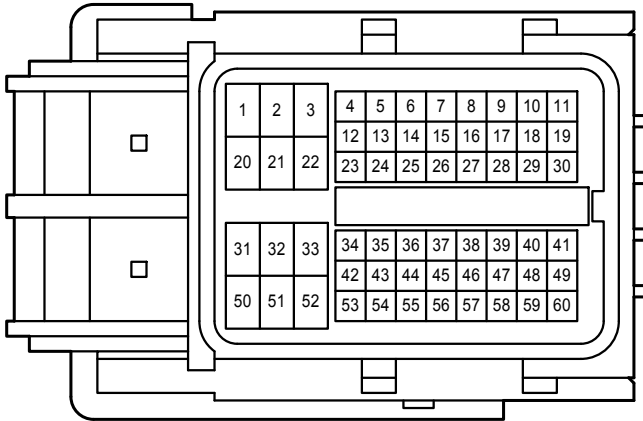




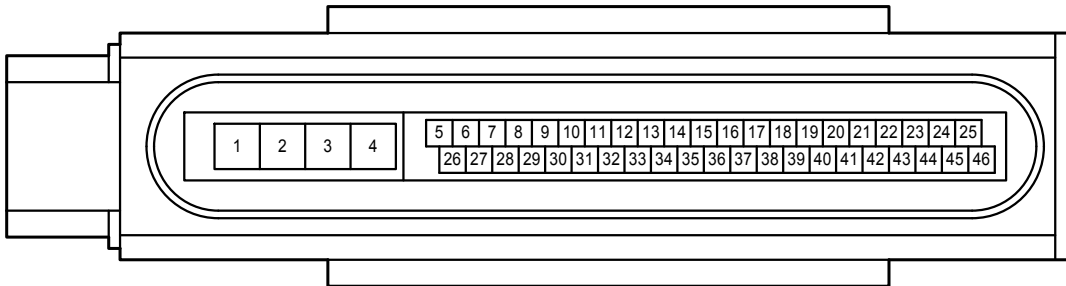




A 8
Black



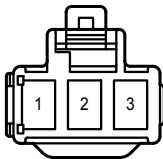
A 10
Black



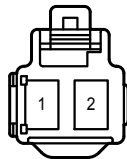
A 14
Black



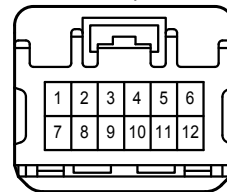
A 38
White



A 39
White

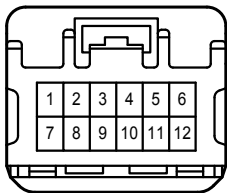


A 44
Gray



(Before Oct. 2011 Production)

A 44
Black



(From Oct. 2011 Production)

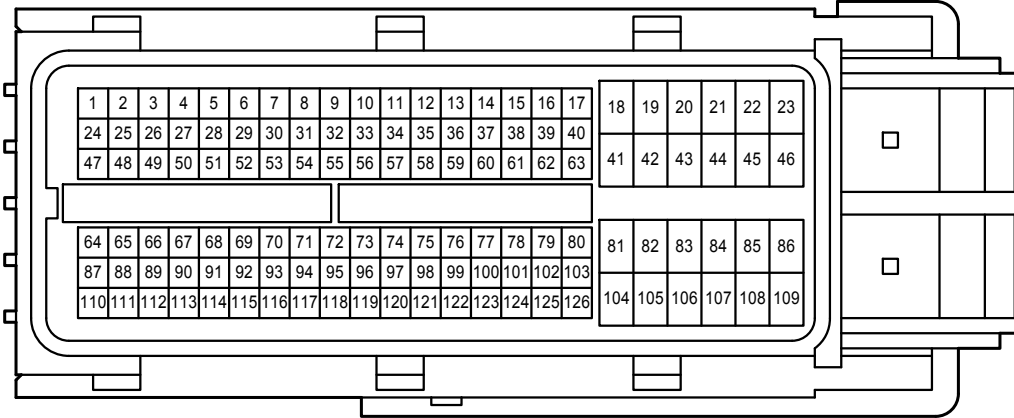
B 6
Black



B 7
Black



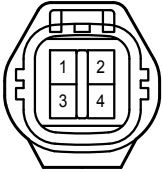
D 1
Black



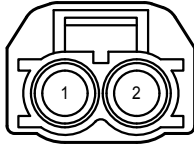
D 6
Black



D 21
Black



D 22
Black



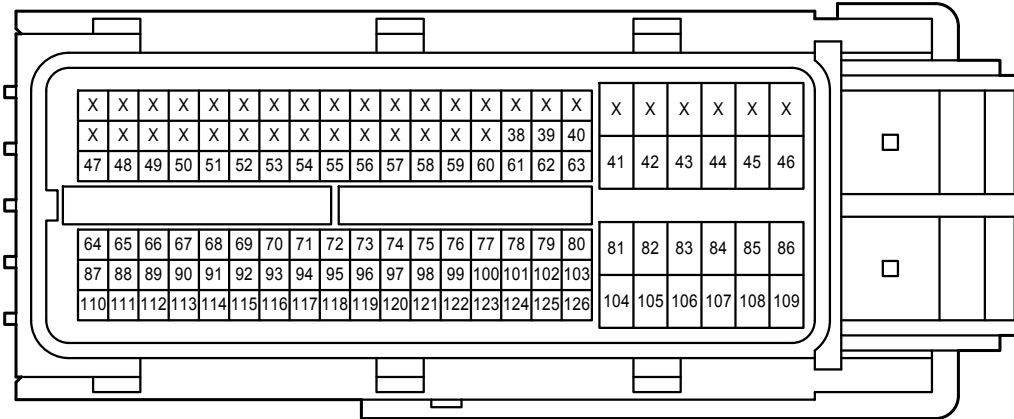
D 25
Black



D 40
Gray



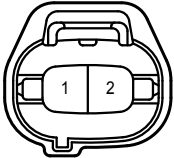
D 41
Black



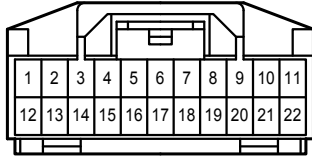
D 51
Gray



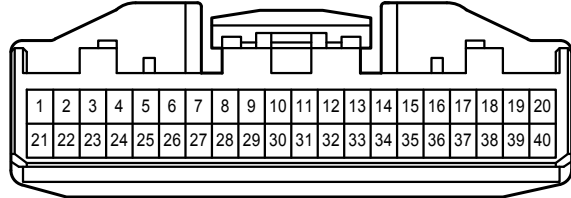
D 53
Gray



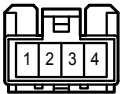
F 10
Black



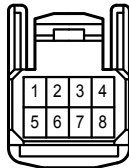
G 19
White



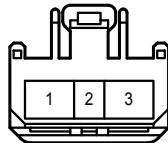
G 24
Black



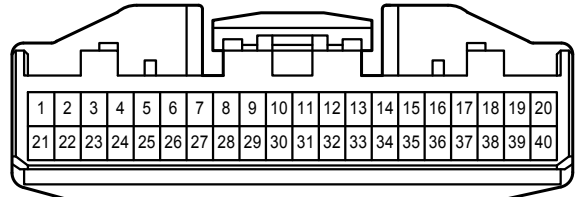
G 26
Black



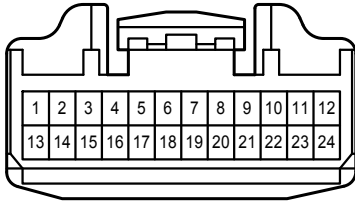
G 30
Black



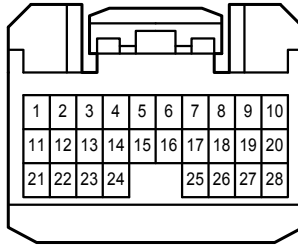
G 33
White



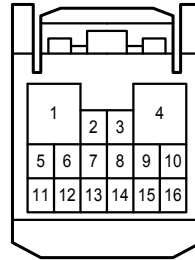
G 34
White



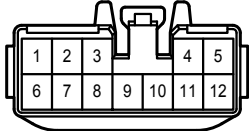
G 49
White



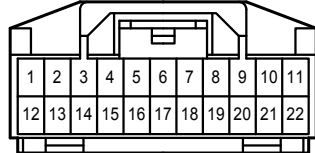
G 50
White



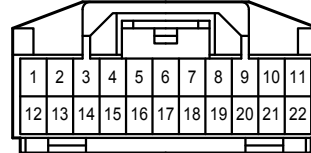
G 52
Gray



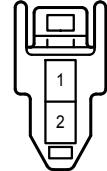
G 53
Black



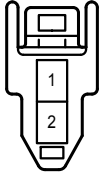
G 56
Gray



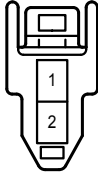
G 61
Brown



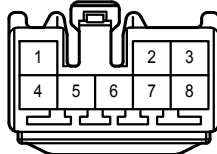
G 62
Brown



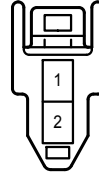
G 67
White



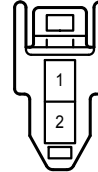
G 74
White



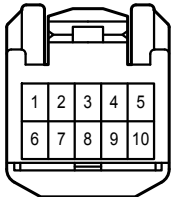
G 88
White



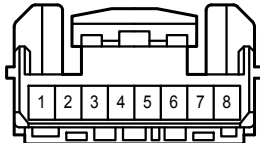
G 89
White



G100
White



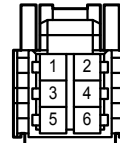
G101
Black



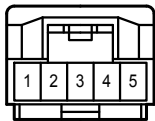
G105
Black



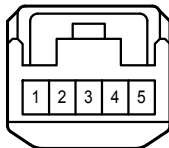
H 1
Black



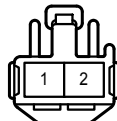
H 4
White



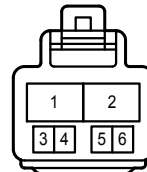
H 5
White



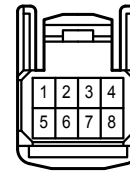
M 10
Black



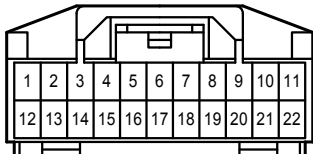
M 18
Black



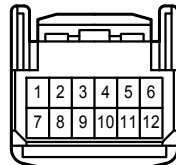
M 19
White



M 22
Black

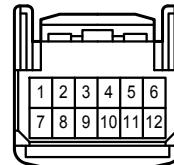


R 9
White



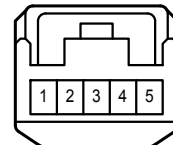
(Before Jun. 2009 Production)

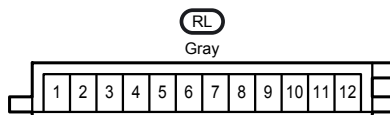
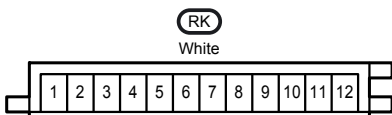
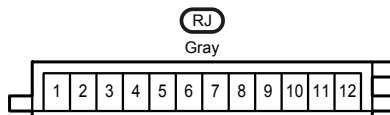
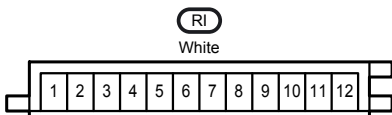
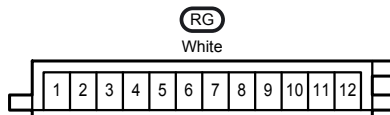
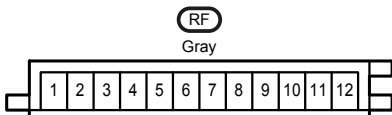
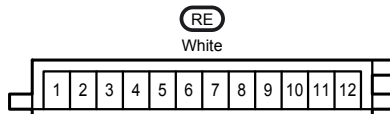
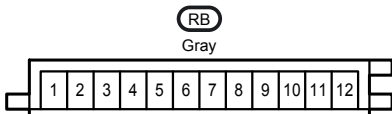
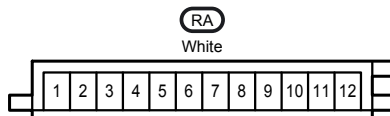
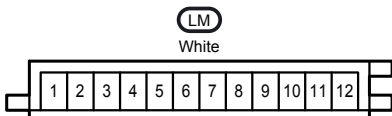
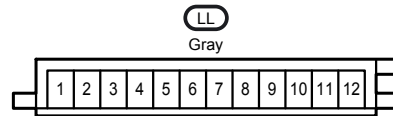
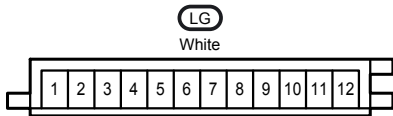
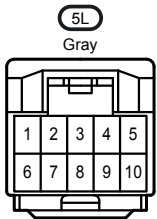
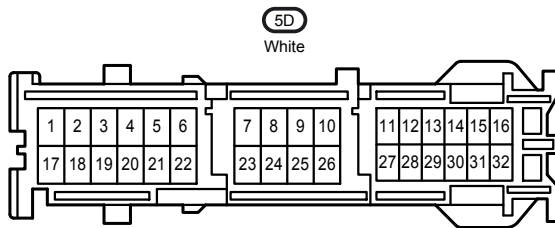
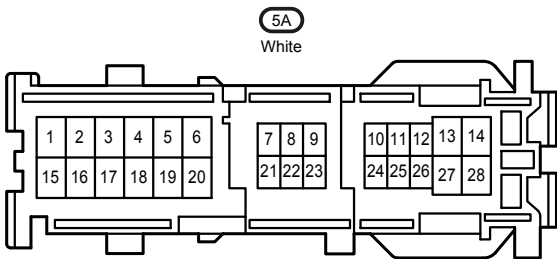
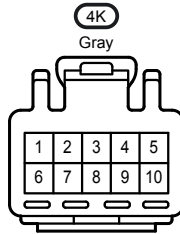
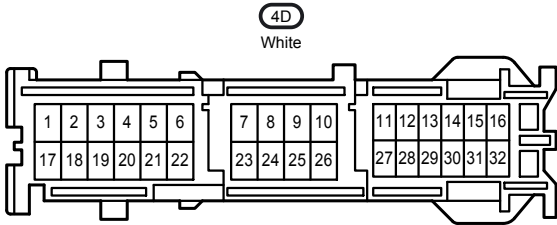
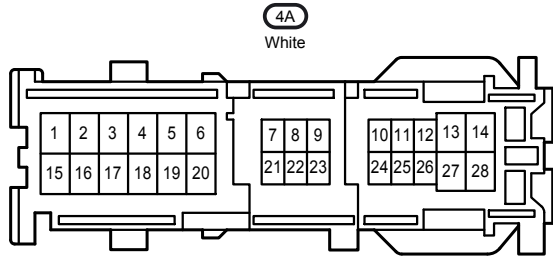
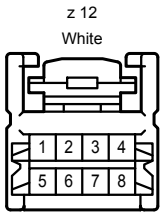
R 9
Black

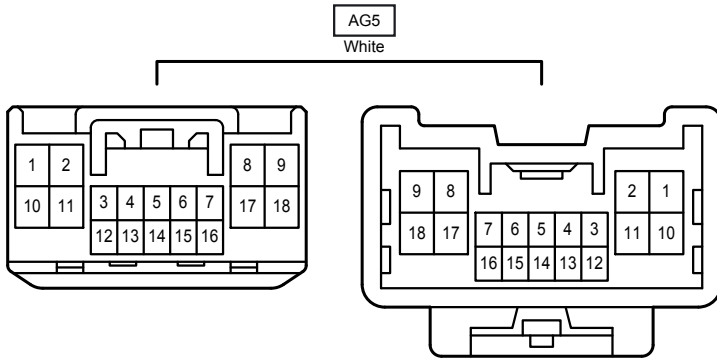
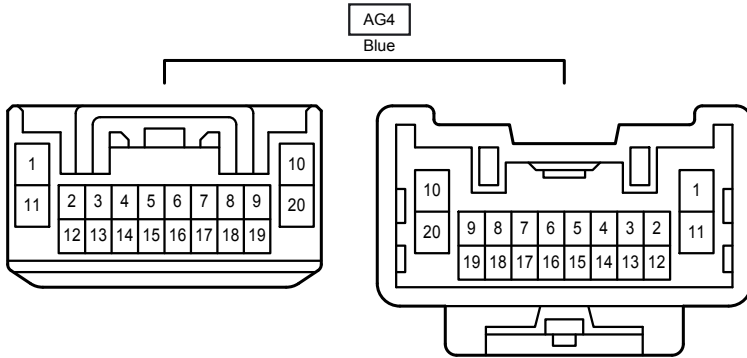
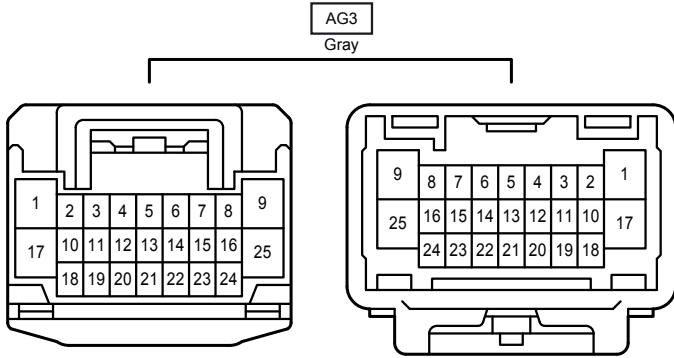
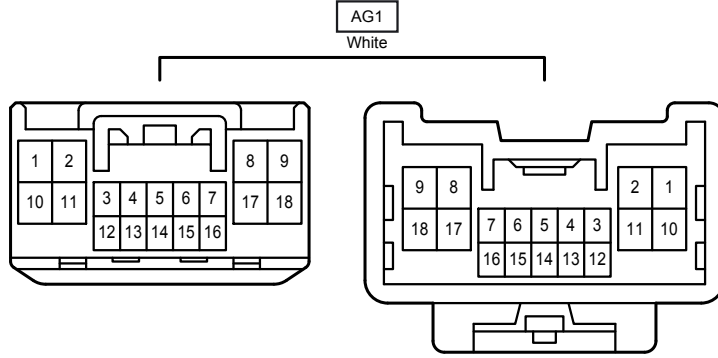
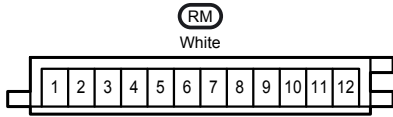


(From Jun. 2009 Production)

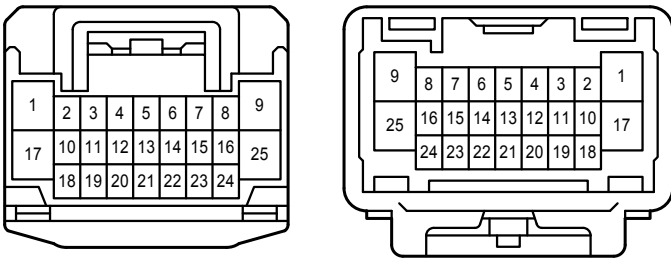
R 24
White



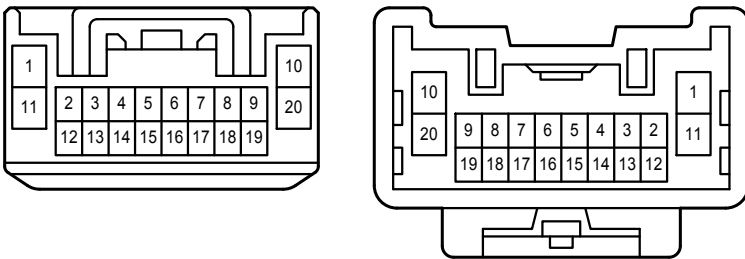




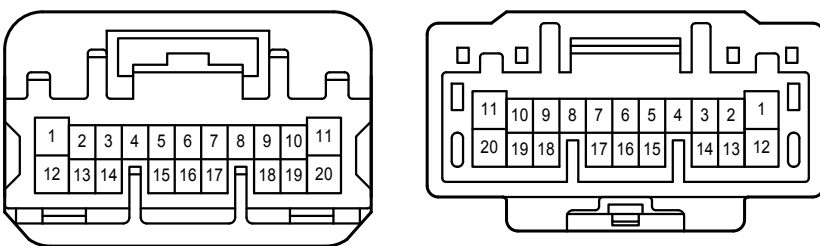
AG7
Gray



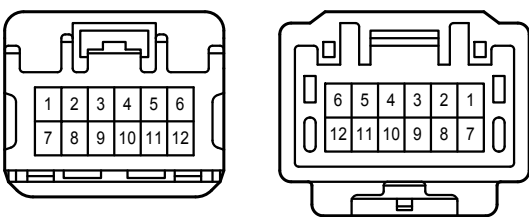
AG8
Blue



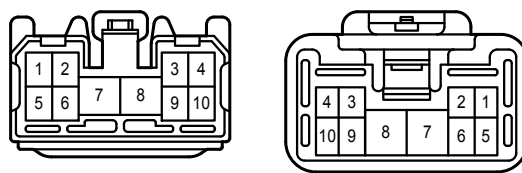
BA1
Blue



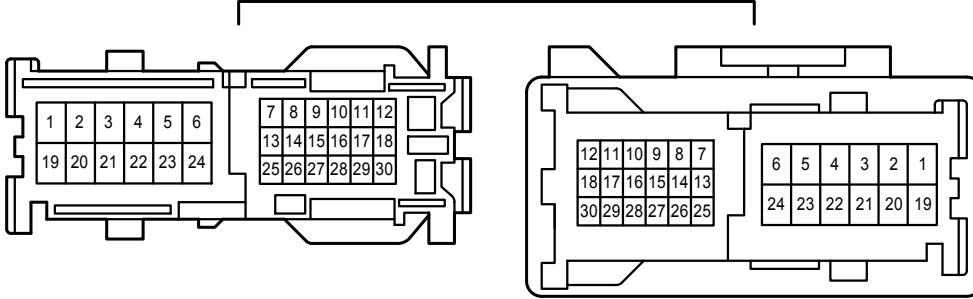
BA3
White



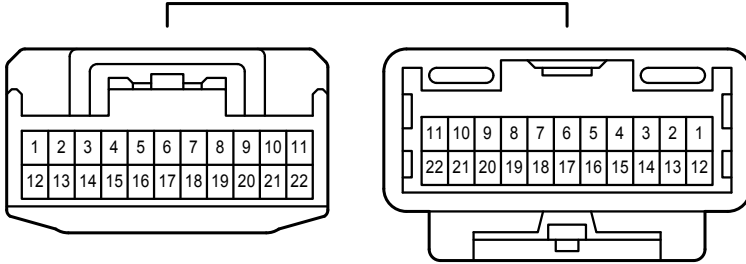
DA1
White



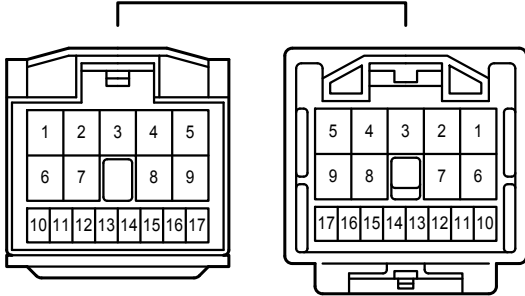
DA2
White



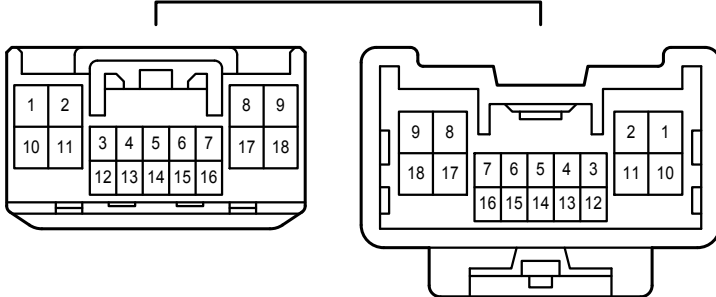
FG1
Blue



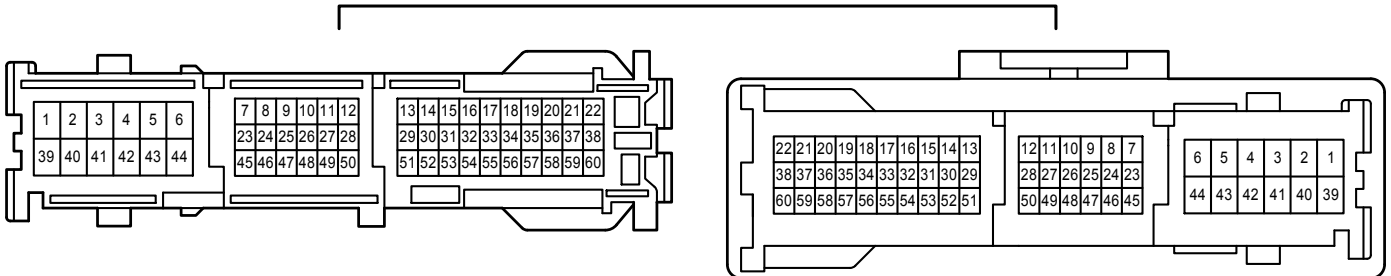
FG3
White



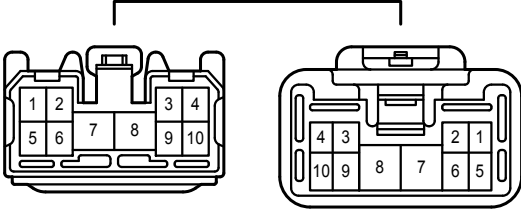
FG4
Gray



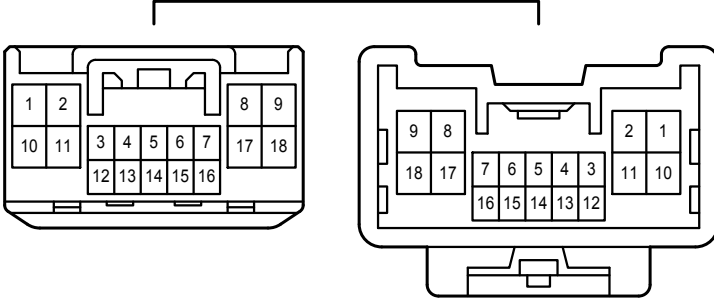
GM1
White



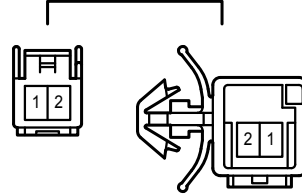
GM2
White



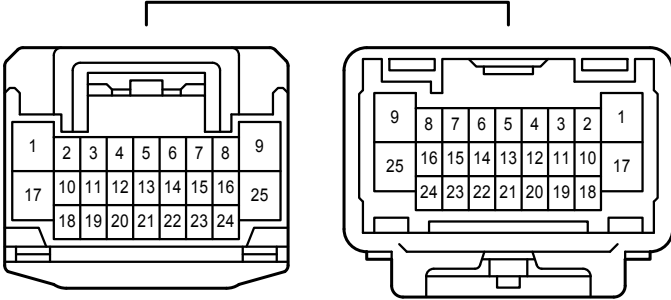
HG1
White



Mz1
White



RG1
White



RG4
Gray

