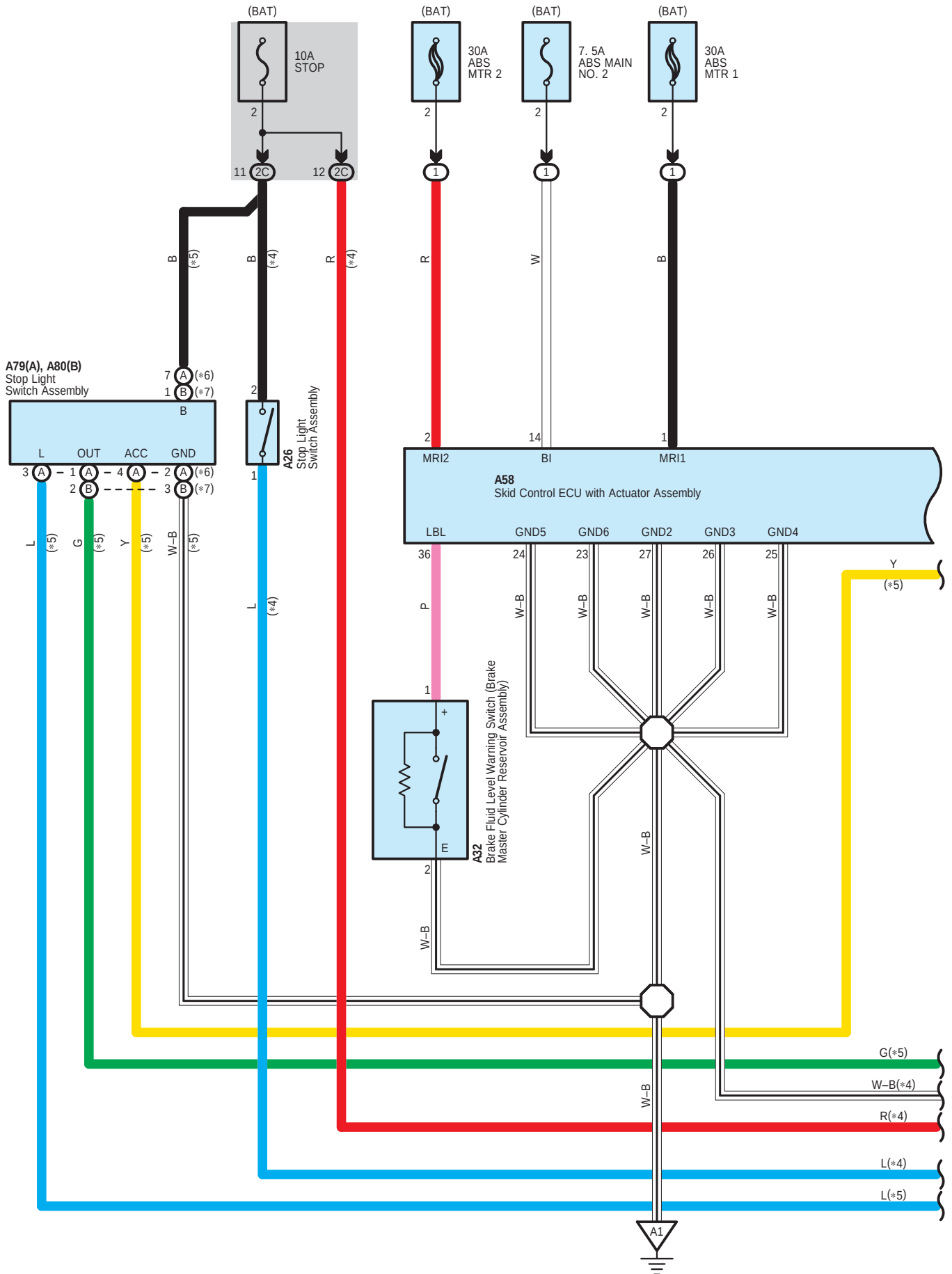
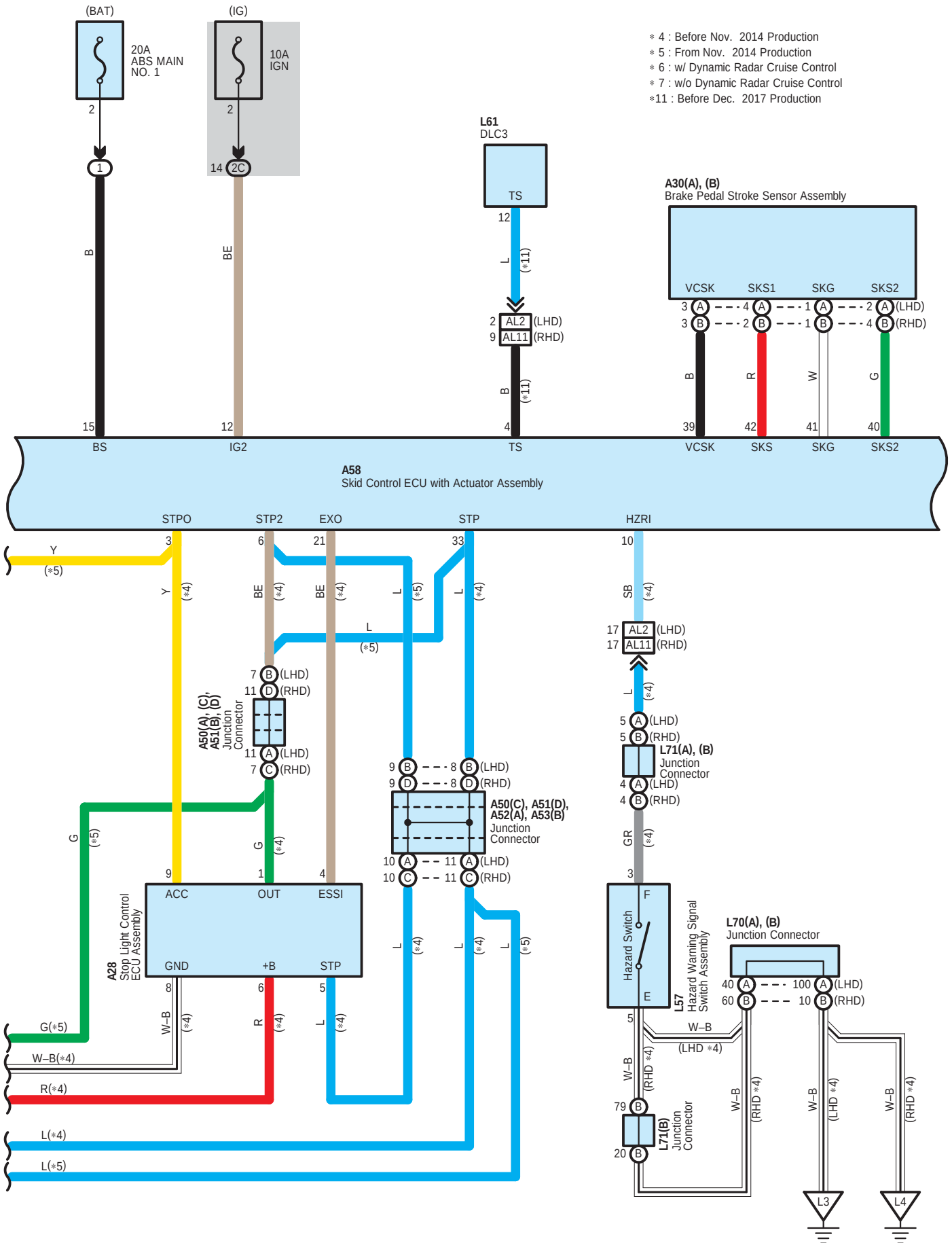
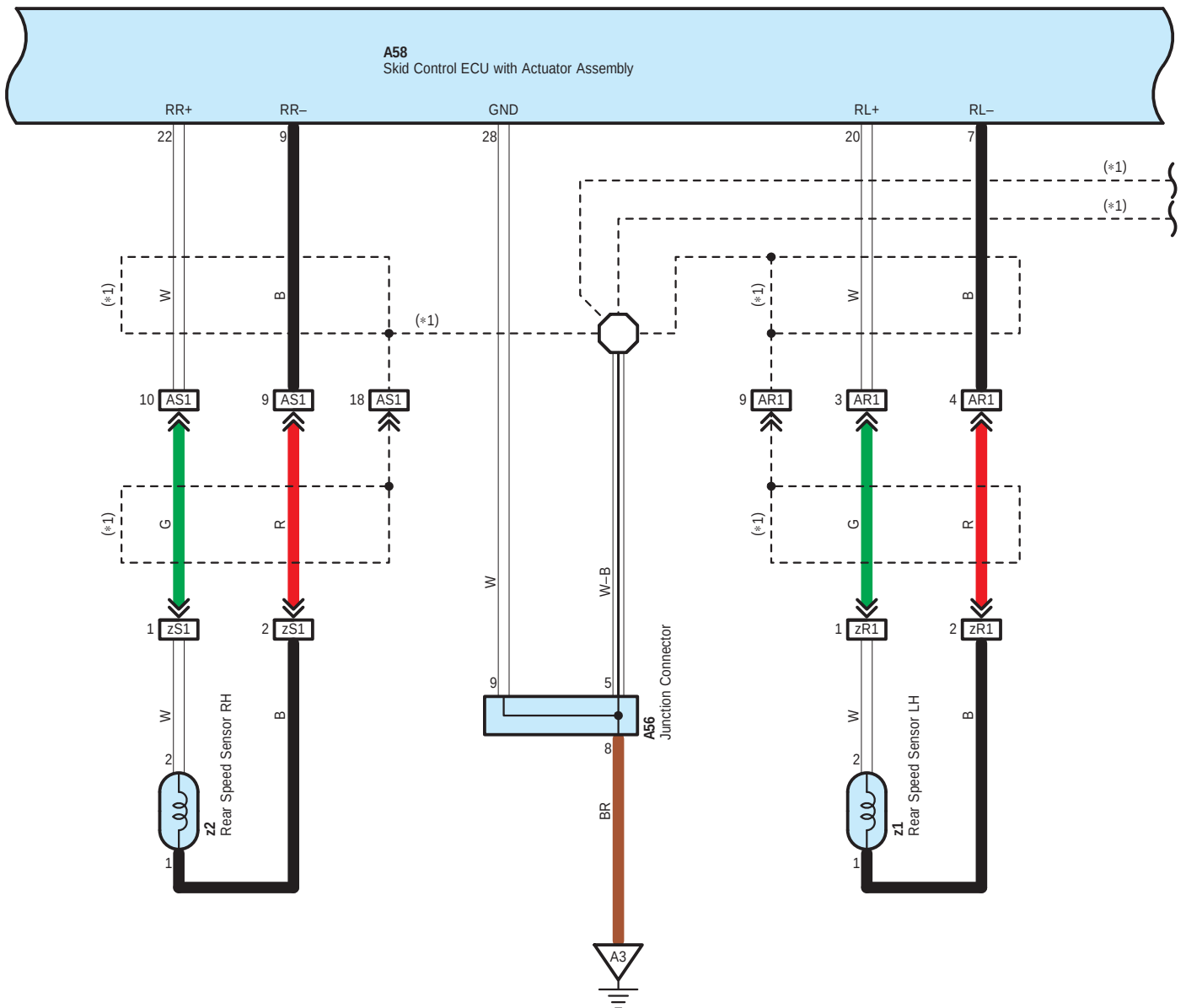
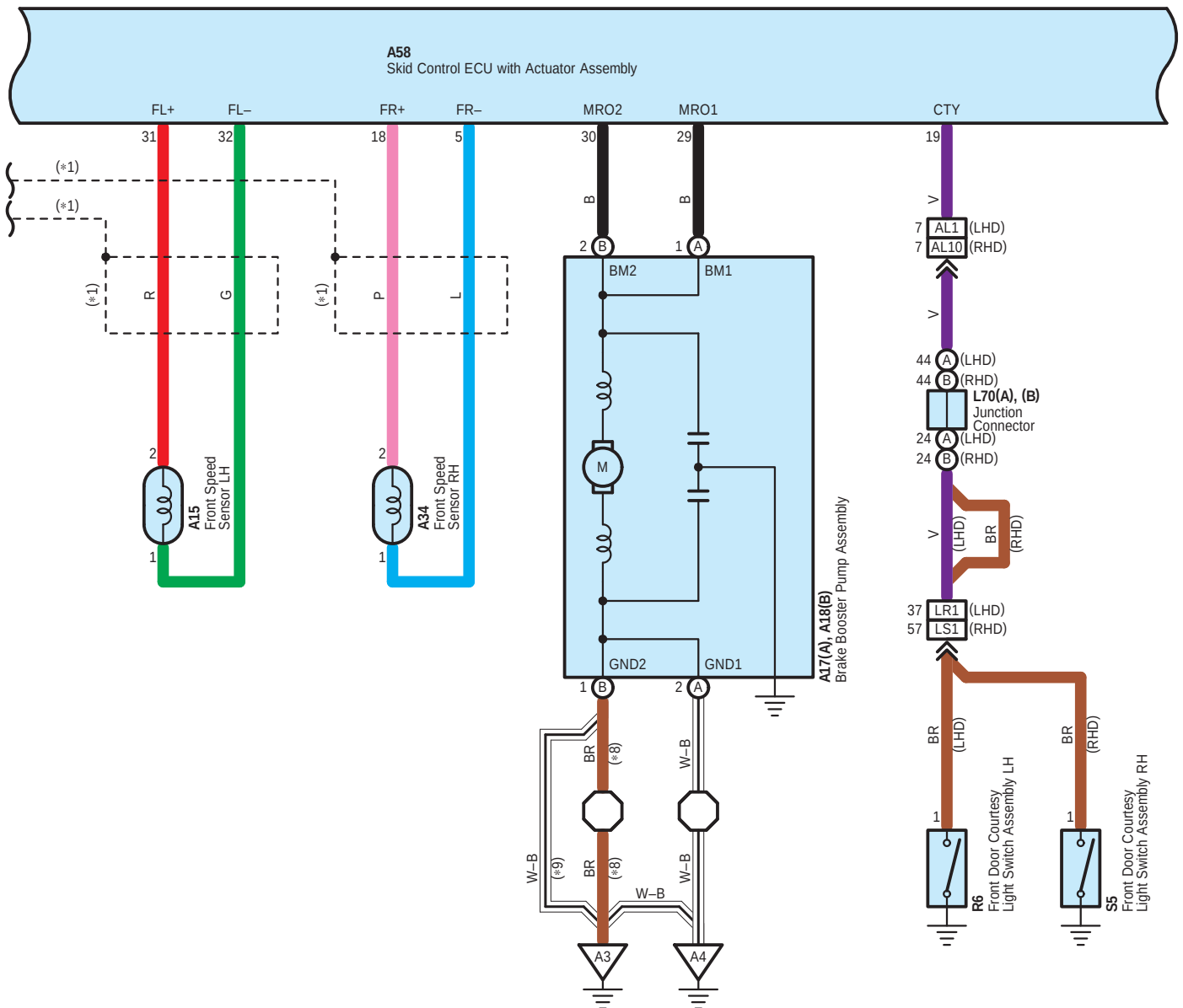






- * 1 : Shielded
- * 8 : Before May 2016 Production
- * 9 : From May 2016 Production





Wiring diagram for the Skid Control ECU with Actuator Assembly (A58) and Skid Control Buzzer Assembly (L46).

Legend:

- * 1 : Shielded
- * 2 : w/ Skid Control Buzzer Assembly
- * 4 : Before Nov. 2014 Production
- * 5 : From Nov. 2014 Production
- * 8 : Before May 2016 Production
- * 9 : From May 2016 Production

Components and Connections:

- 10A ECU-IG NO. 2**: Connected to (IG) and 26 (2C).
- A54(A), A55(B) Junction Connector**: Connects to B (LHD), B (RHD), and 2 (A), 5 (B).
- A74(C) Junction Connector**: Connects to B (LHD), B (RHD), and 2 (C), 5 (C).
- A58 Skid Control ECU with Actuator Assembly**: Connects to CA1L, CA1H, CA2H, CA2L, IG1, and BZ.
- L46 Skid Control Buzzer Assembly**: Connects to IG1, BZ, and L (*2 *4).
- A57(A), D28(B) ECM**: Connects to CANP, CANN, NE+, NE-, 12 (A), 4 (A), 74 (B), and 120 (B).
- A67(A), L132(B) Junction Connector**: Connects to B, W, 4 (A), 10 (A), 3 (B), and 9 (B).
- L101(A), L102(B) Junction Connector**: Connects to B, W, 2 (A), 4 (A), 5 (B), and 3 (B).
- D27 Crankshaft Position Sensor**: Connects to NE, NE-, 1, and 2.
- L70(A), (B) Junction Connector**: Connects to 75 (A), 55 (B), 35 (A), 35 (B), 25 (A), 25 (B), 85 (A), and 85 (B).

Vehicle Wires:

- P (RHD), V (RHD), G, L (*8)
- P (LHD), V (LHD), W, B, LG, L

Grounding:

- D1

The diagram illustrates the electrical system for the 2005 Nissan Xterra 2.5S, focusing on the Main Body ECU and its connections to various body components. The Main Body ECU is shown with terminals for CANH, CANL, IG, ACC, ALT, and BECU. The A67(A), C, L132(B), (b) Junction Connector is shown with terminals for A, B, C, D, and L. The diagram includes color-coded wires (pink, purple, grey, black, green, blue, red, light blue) and labels for terminals and components.

Wiring Details:

- IG (Ignition):** 10A ECU-IG NO. 1, 2, 32, IG
- ACC (Accessory):** 10A ECU-ACC, 2, 29, ACC
- BAT (Battery):** 25A DOOR NO. 1, 2, 31, ALT
- BECU (Body ECU):** 7.5A ECU-B, 2, 18, 30, BECU
- Body Components:**
 - W(RHD) *5, R(RHD) *4, SB(RHD), G(RHD) *5, SB(RHD) *4, G(RHD) *4
 - W(LHD) *5, R(LHD) *4, SB(LHD), G(LHD) *5, SB(LHD) *4, G(LHD) *4
 - W(RHD) *5, R(RHD) *4, SB(RHD), G(RHD) *5, SB(RHD) *5, W, B, SB(RHD) *4, G(RHD) *4

The diagram illustrates the CAN bus system wiring for a vehicle, showing connections between the Main Body ECU and various junction connectors, and external components like the Power Steering ECU and Airbag ECU Assembly.

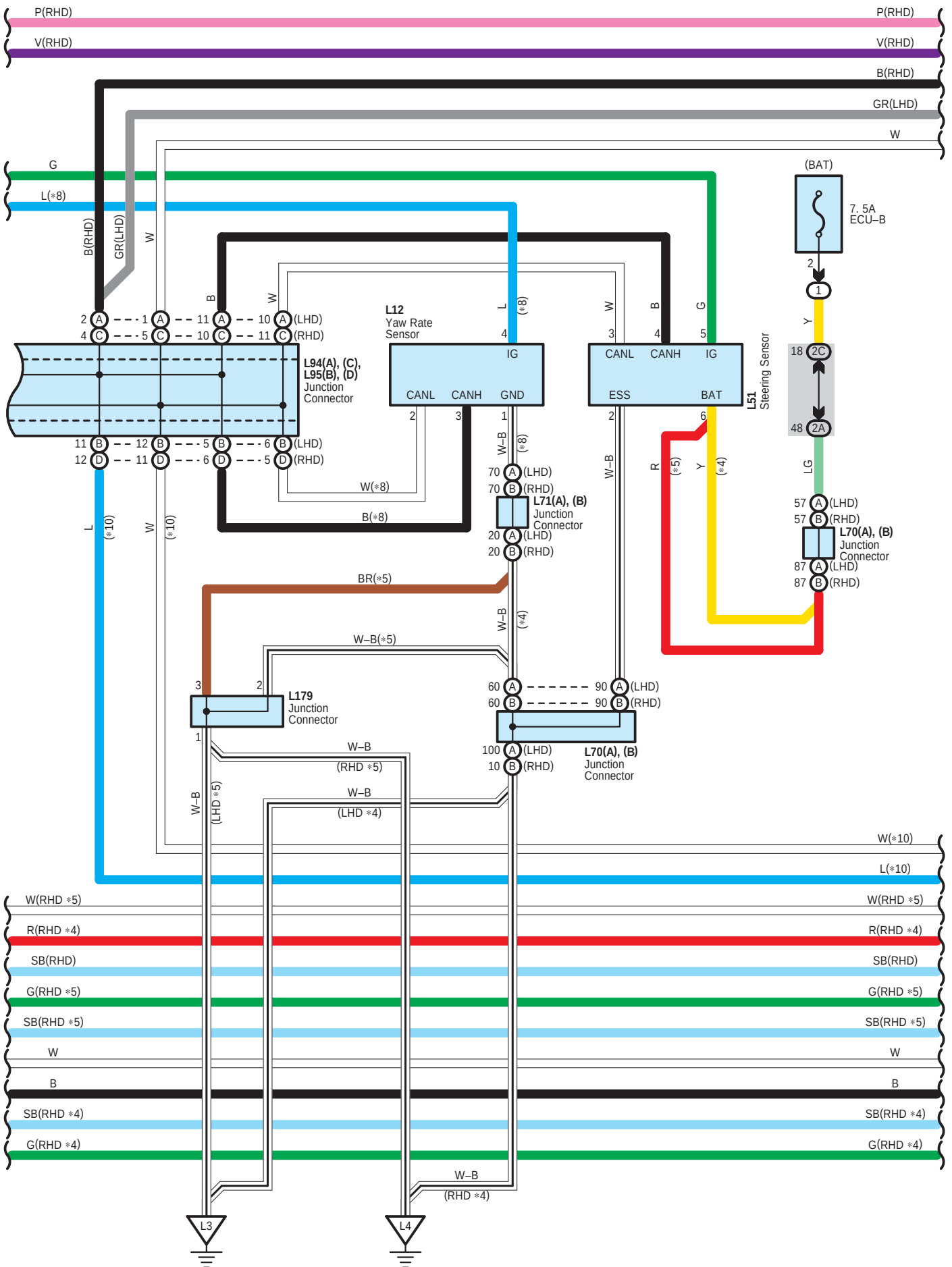
Legend:

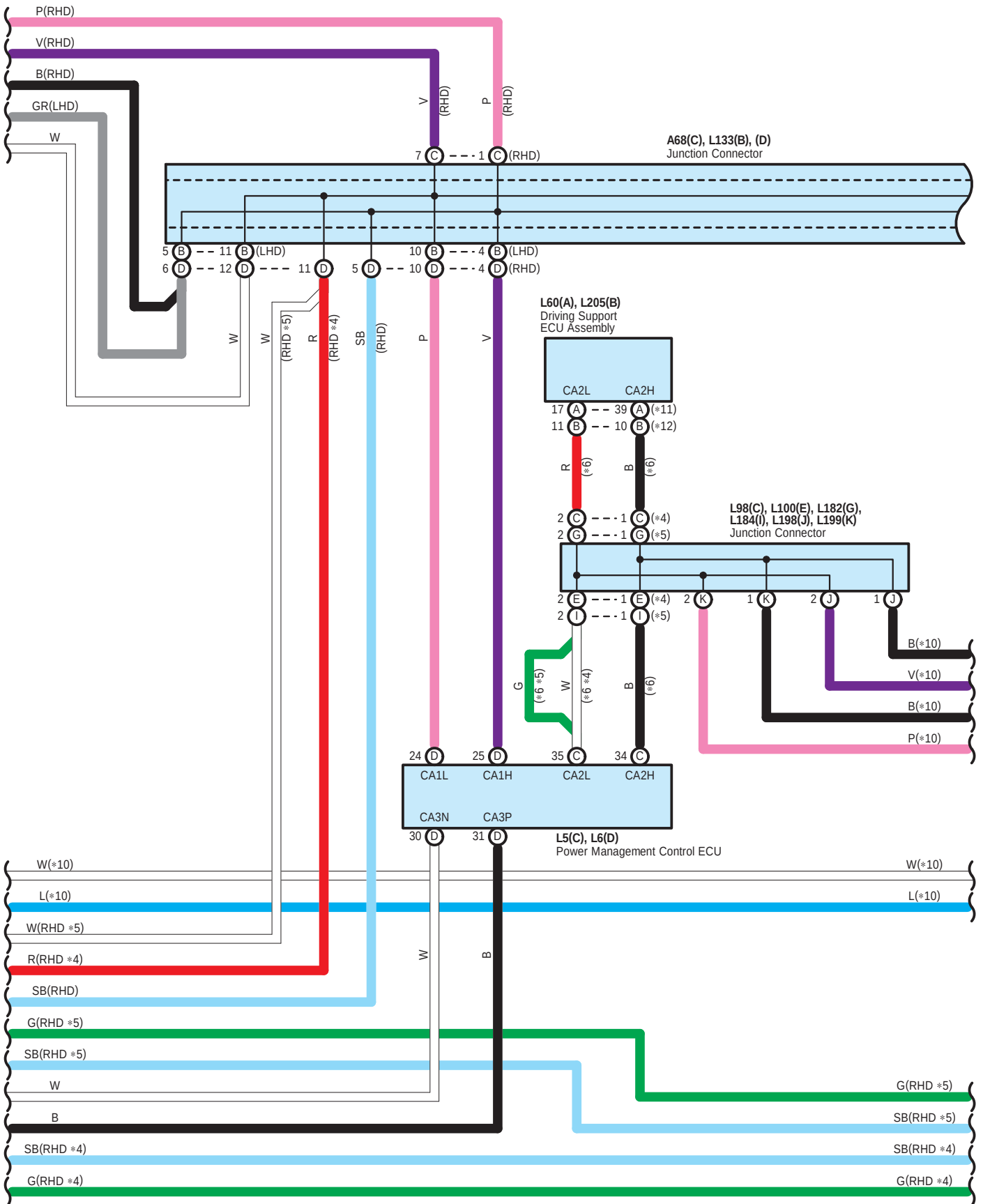
- * 4 : Before Nov. 2014 Production
- * 5 : From Nov. 2014 Production
- * 8 : Before May 2016 Production
- * 9 : From May 2016 Production
- *10 : w/ Network Gateway ECU

Wiring Details:

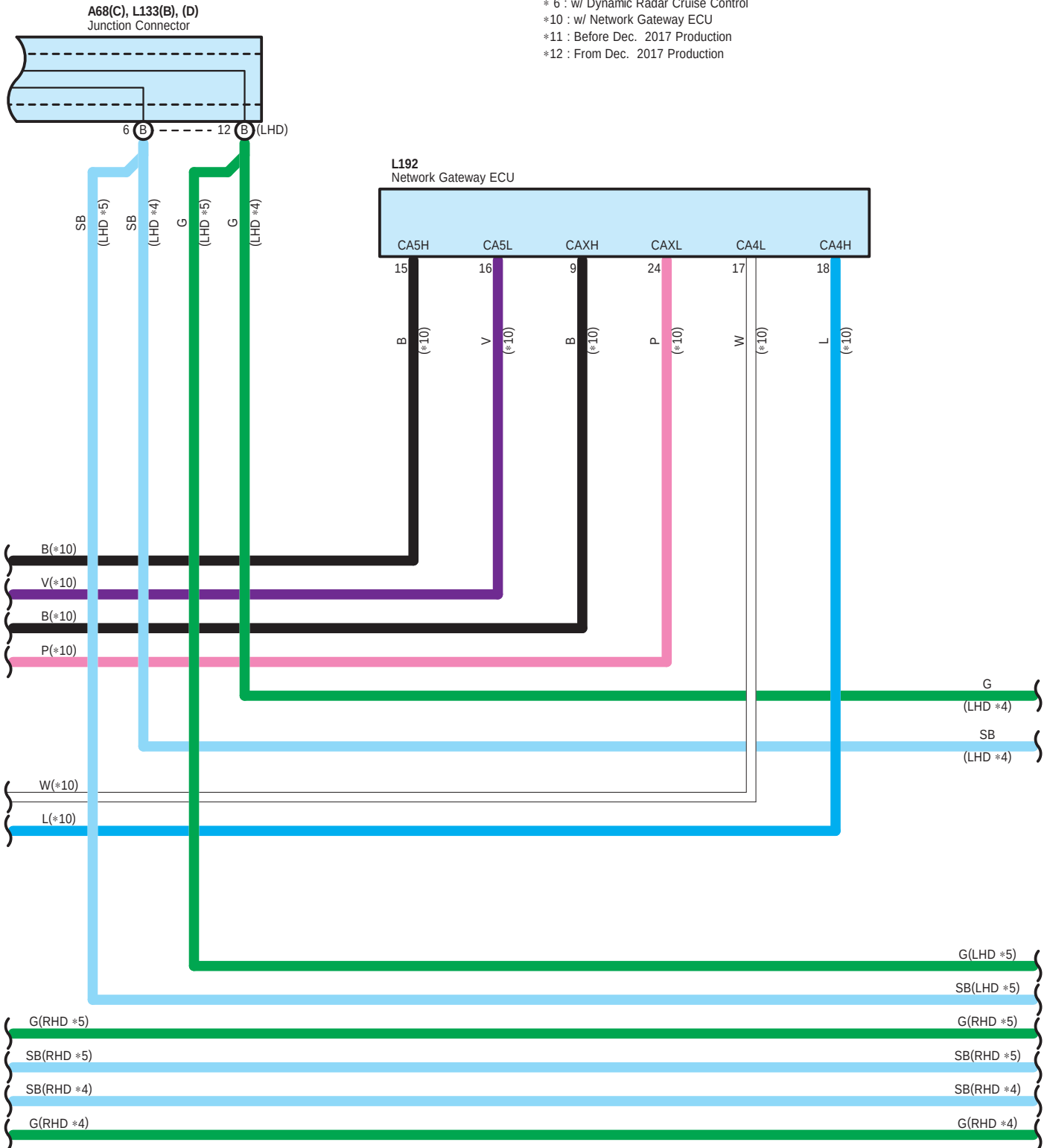
- Main Body ECU (L7(A), L8(B), L190(C), L201(D))** is connected to **GND2** (3 B(*8), 3 C(*9)), **GND1** (11), and **PKB** (12).
- L79 Junction Connector** connects to **L70(A, B) Junction Connector** (3, 2, 1, 60 A, 50 A, 60 B, 100 A, 10 B).
- L71(B) Junction Connector** connects to **L70(A, B) Junction Connector** (30 B, 20 B, 60 A, 50 A, 60 B, 100 A, 10 B).
- L92 Junction Connector** connects to **L70(A, B) Junction Connector** (3, 7, 100 A, 10 B).
- A25 Parking Brake Switch Assembly** is connected to **L92 Junction Connector** (1) and **GND1** (12).
- L54(B) Power Steering ECU Assembly** is connected to **L94(A, C), L95(B, D) Junction Connector** (1 B, 7 B, 13 A, 22 A).
- L16(A) Airbag ECU Assembly** is connected to **L94(A, C), L95(B, D) Junction Connector** (13 A, 22 A).
- External Connections:**
 - W(RHD *5)**, **R(RHD *4)**, **SB(RHD)**, **G(RHD *5)**, **SB(RHD *5)**, **W**, **B**, **SB(RHD *4)**, **G(RHD *4)** are connected to **L4**.
 - W(RHD *5)**, **R(RHD *4)**, **SB(RHD)**, **G(RHD *5)**, **SB(RHD *5)**, **W**, **B**, **SB(RHD *4)**, **G(RHD *4)** are connected to **L3**.
 - W(RHD *5)**, **R(RHD *4)**, **SB(RHD)**, **G(RHD *5)**, **SB(RHD *5)**, **W**, **B**, **SB(RHD *4)**, **G(RHD *4)** are connected to **L6**.

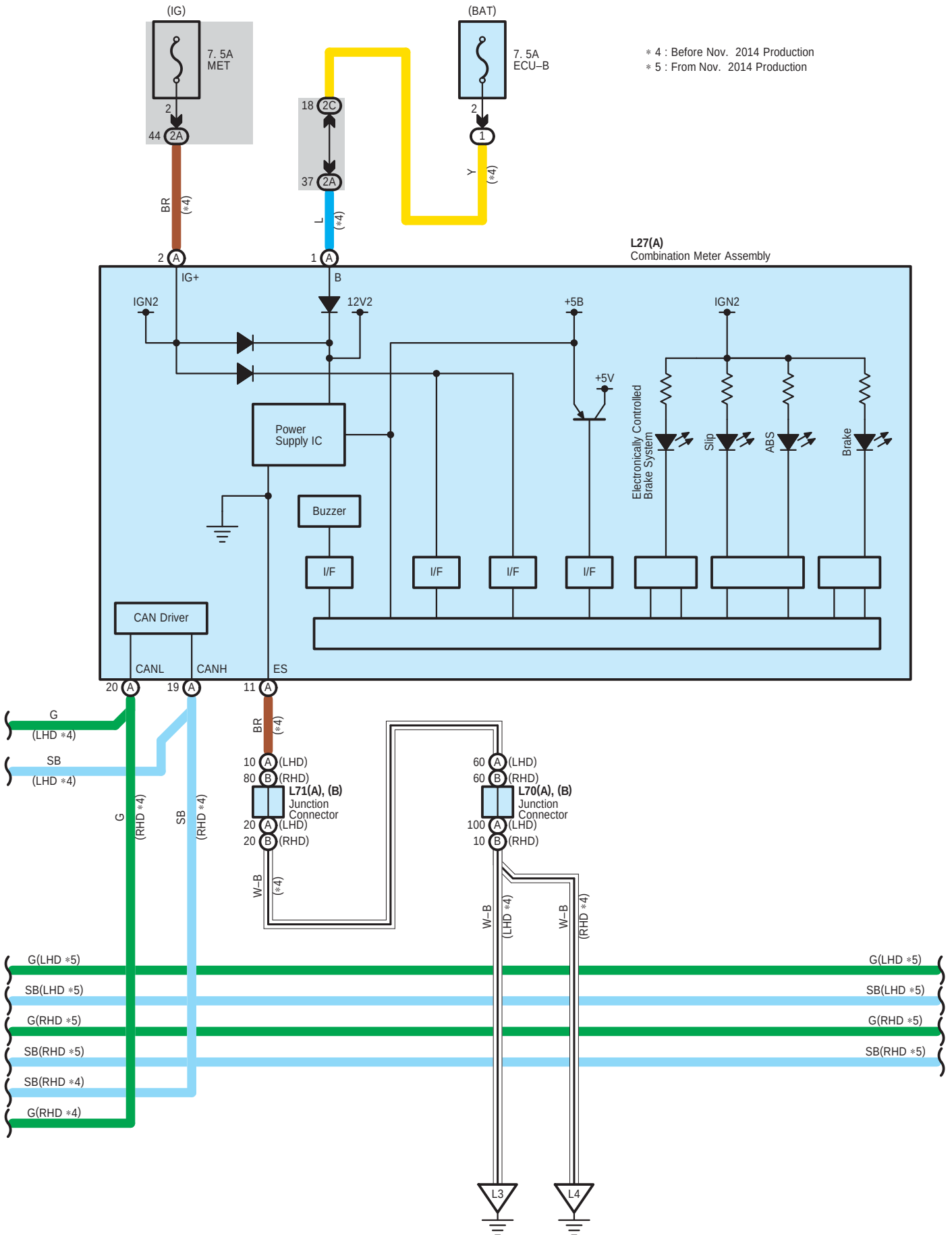
ABS, Brake Assist, Hill-Start Assist Control, TRC, VSC

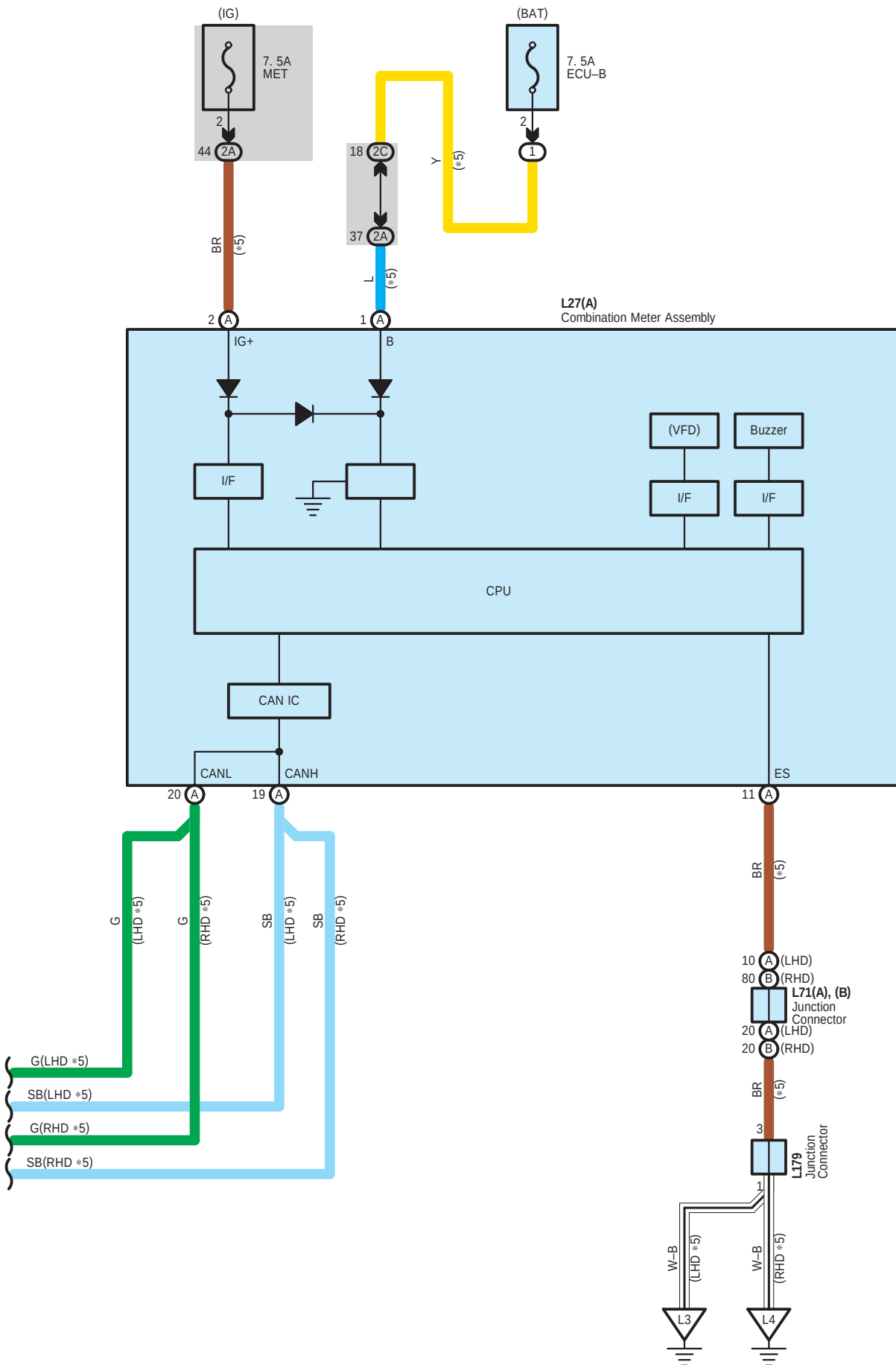


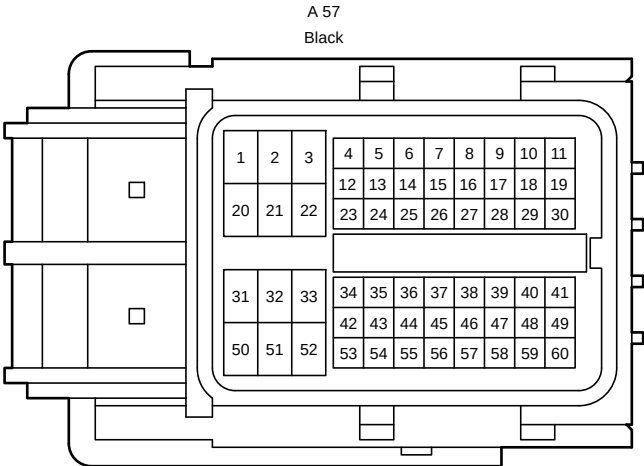
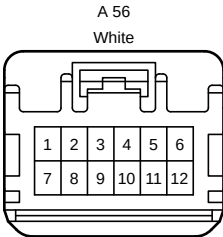
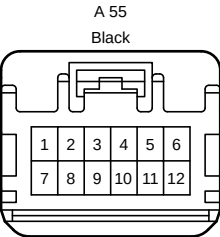
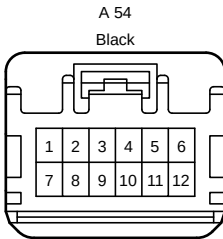
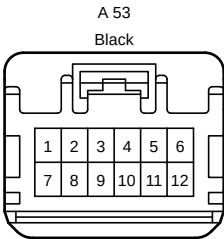
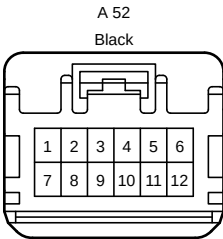
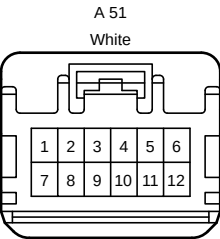
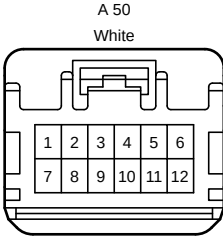
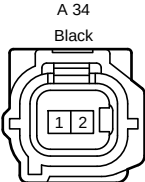
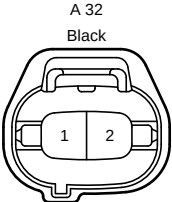
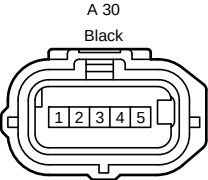
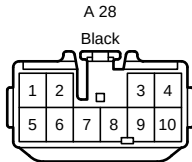
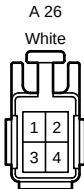
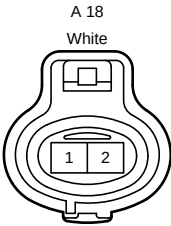
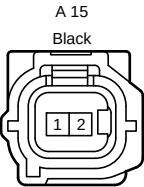


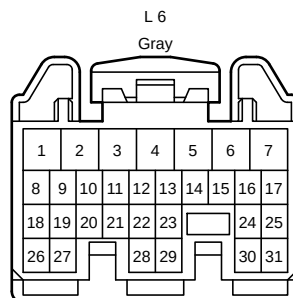
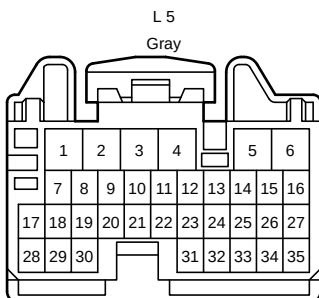
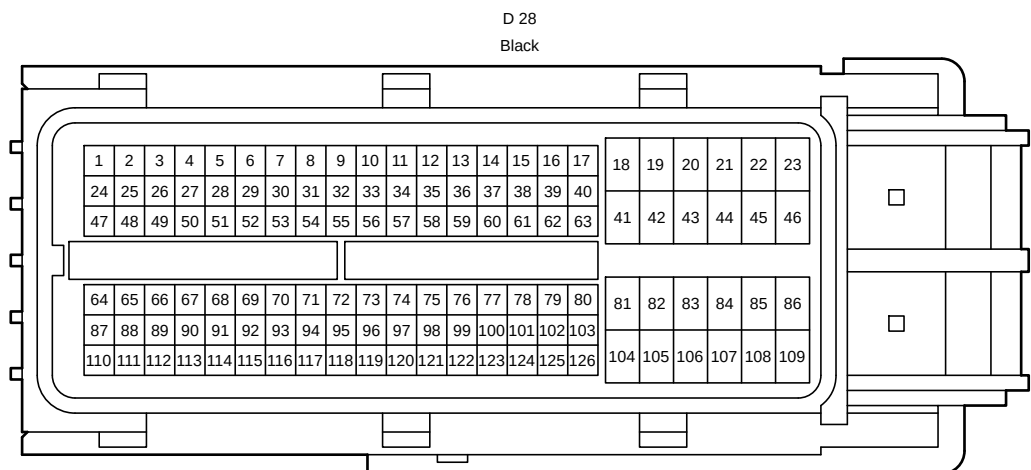
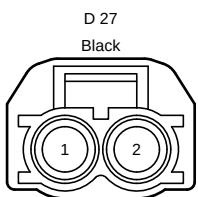
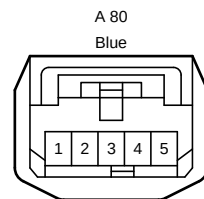
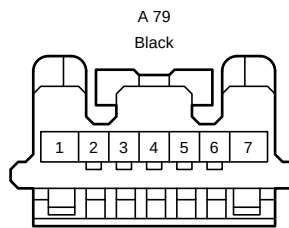
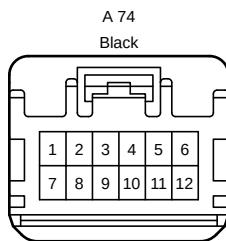
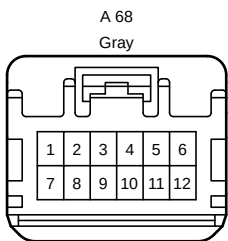
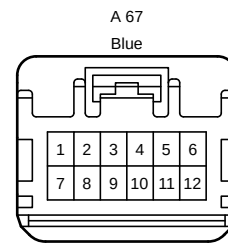
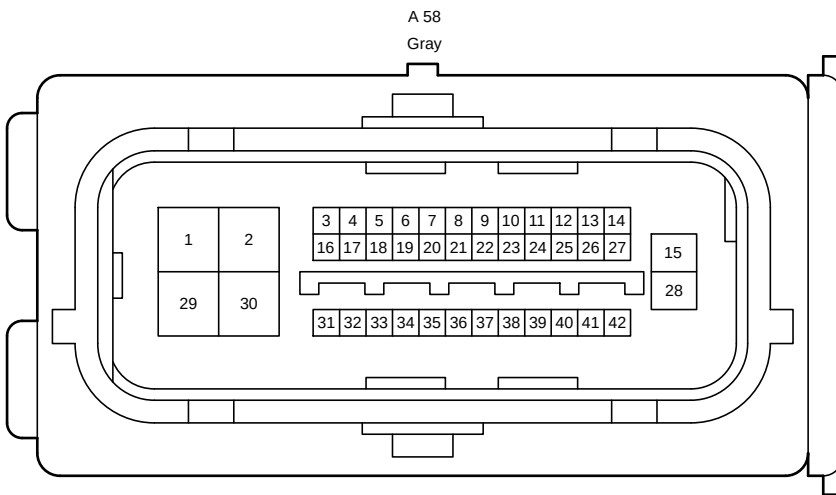
- * 4 : Before Nov. 2014 Production
- * 5 : From Nov. 2014 Production
- * 6 : w/ Dynamic Radar Cruise Control
- *10 : w/ Network Gateway ECU
- *11 : Before Dec. 2017 Production
- *12 : From Dec. 2017 Production



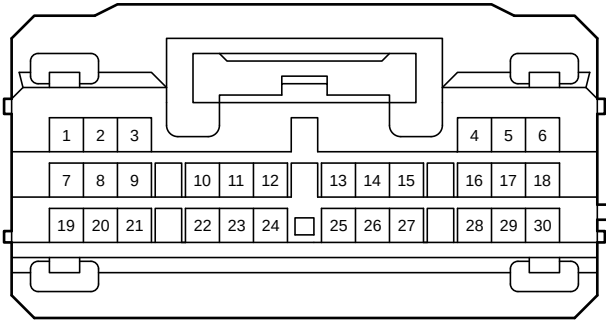




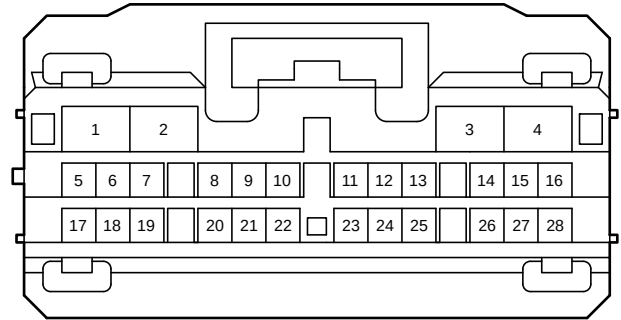




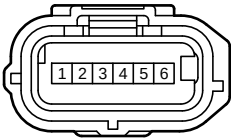
L 7
White



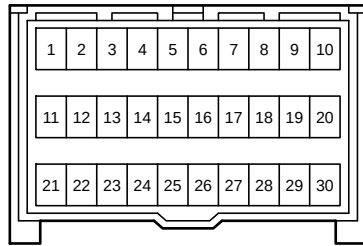
L 8
White



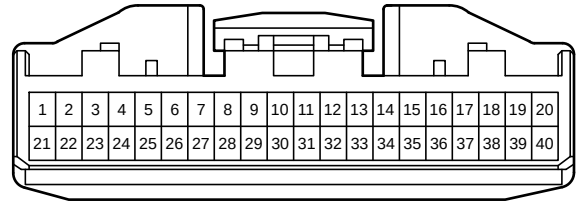
L 12
Black



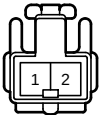
L 16
Yellow



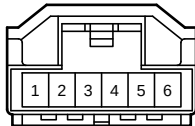
L 27
White



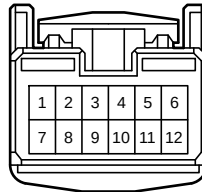
L 46
Blue



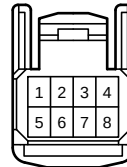
L 51
White



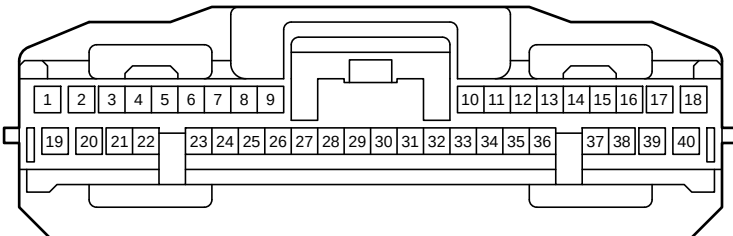
L 54
White



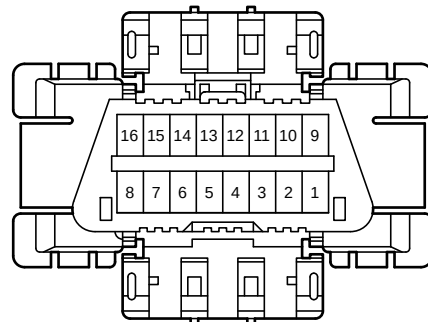
L 57
Black

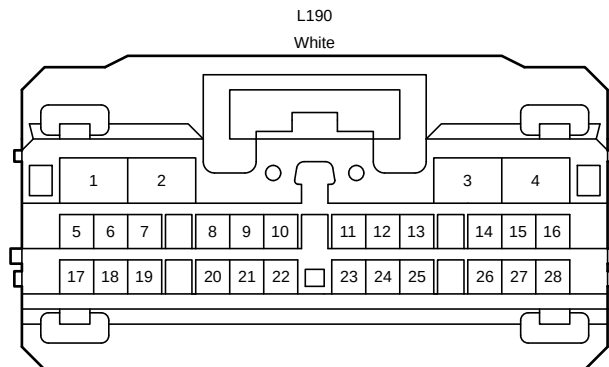
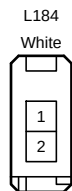
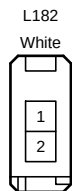
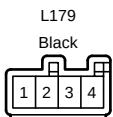
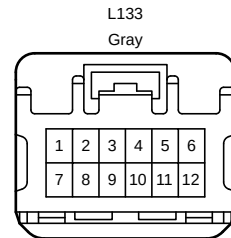
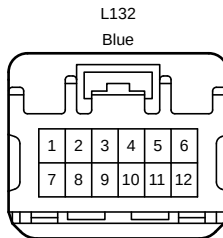
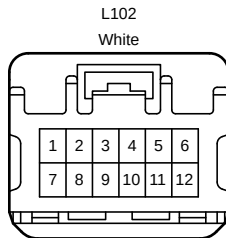
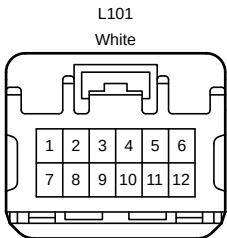
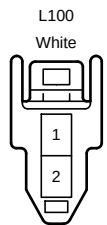
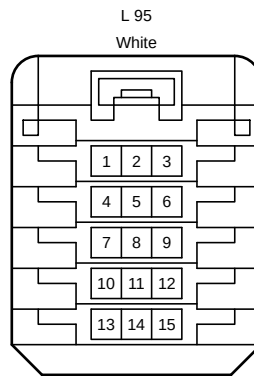
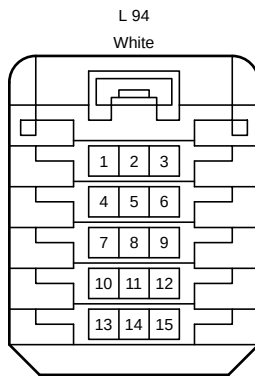
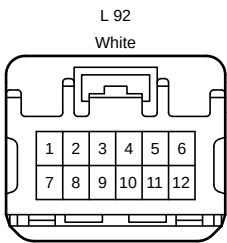
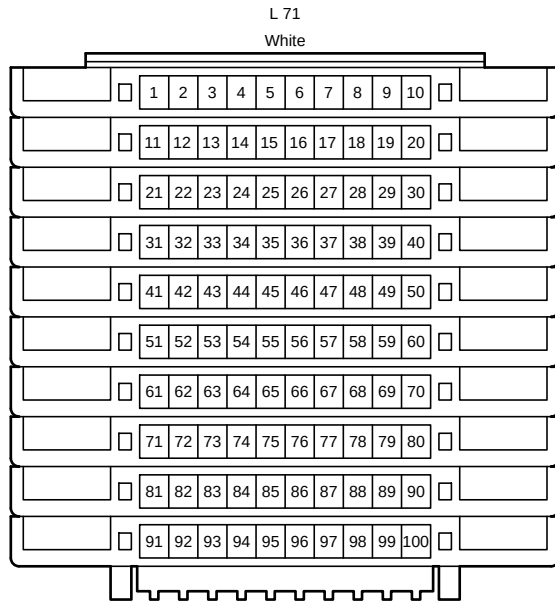
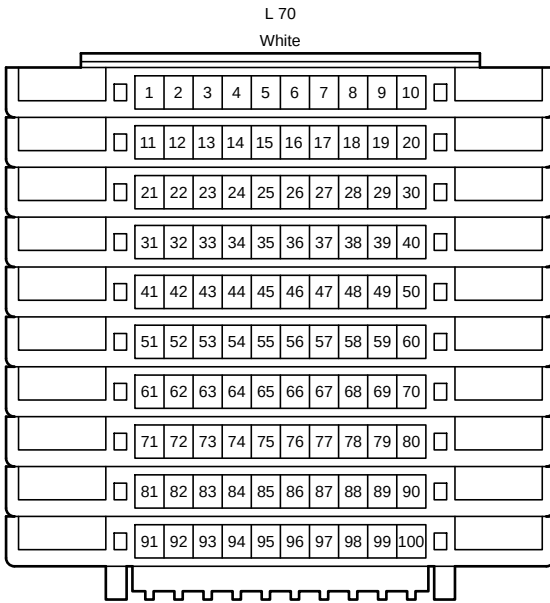


L 60
White

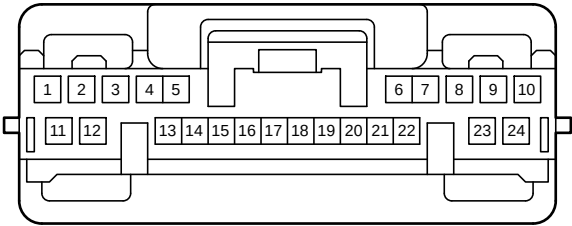


L 61
White

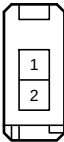




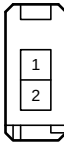
L192
Black



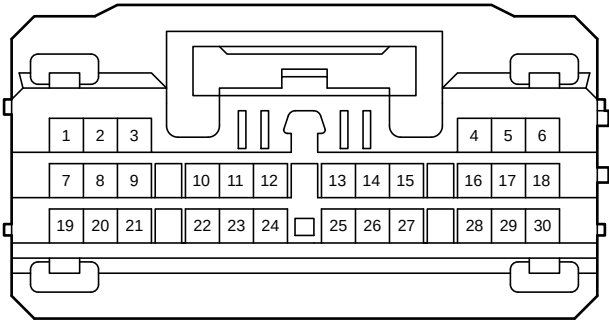
L198
White



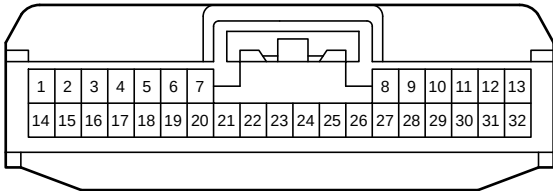
L199
White



L201
White



L205
White



R 6

Black



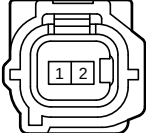
S 5

Black



z 1

Black

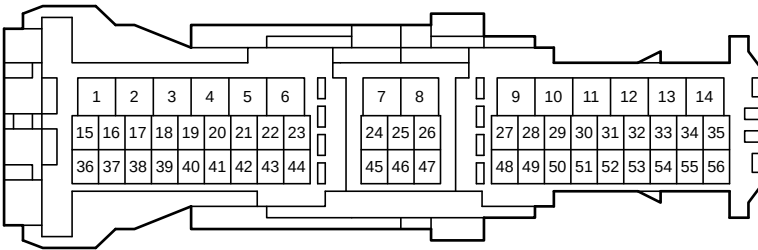


z 2

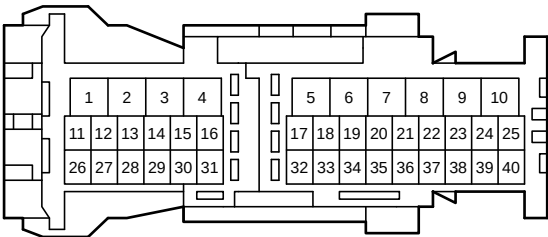
Black



2A
White



2B
White



2C
White

