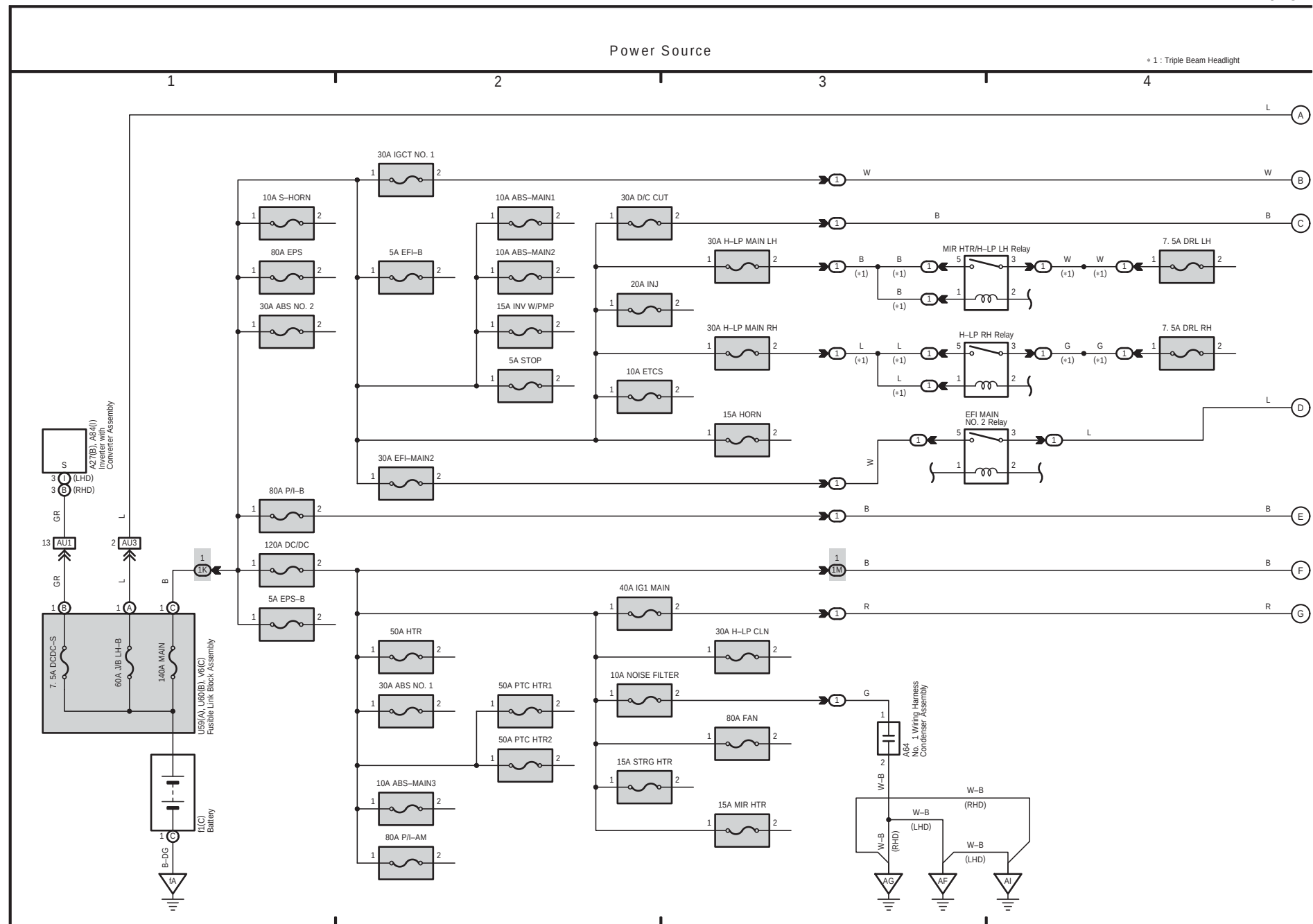
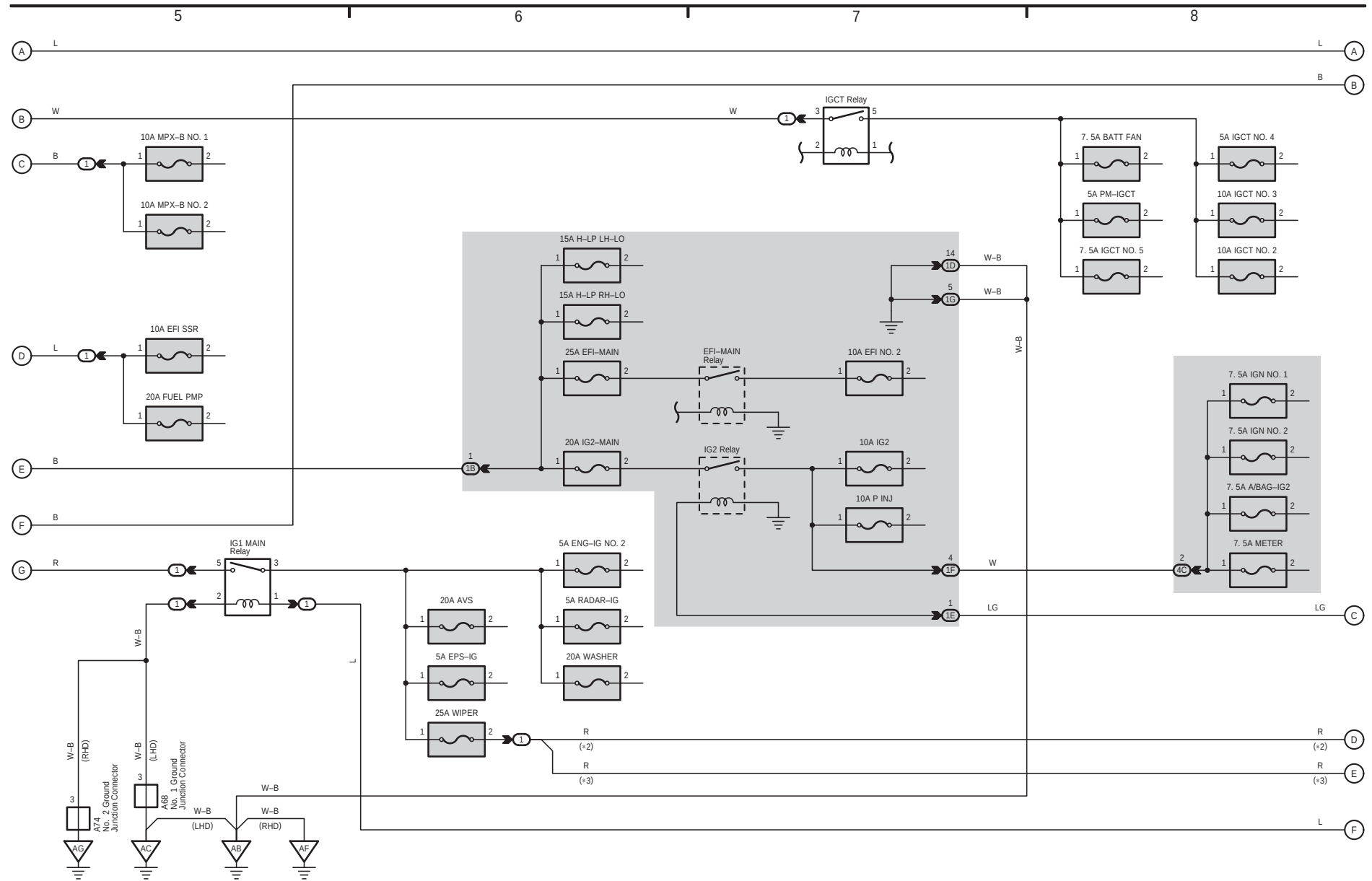
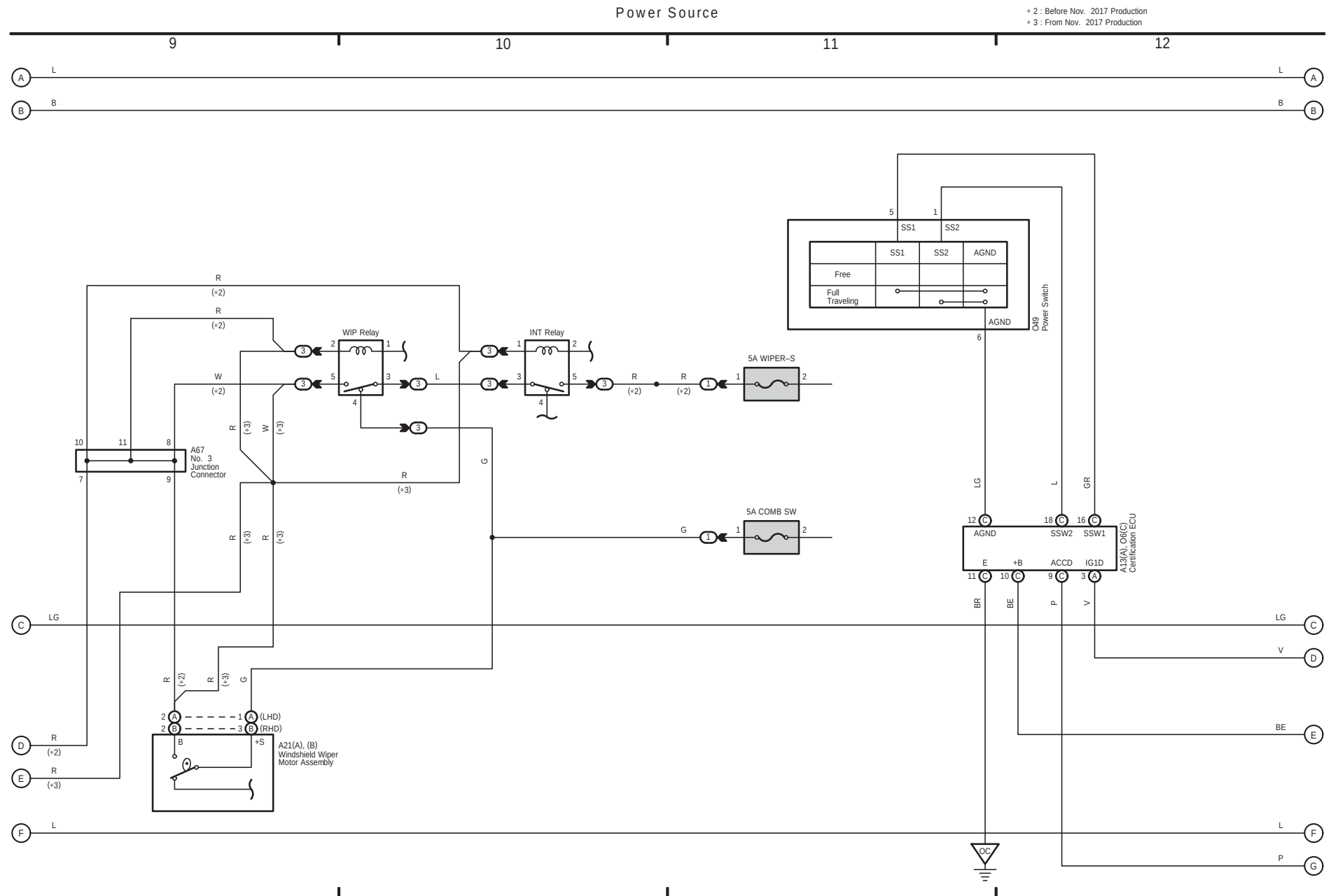




Power Source

* 2 : Before Nov. 2017 Production
 * 3 : From Nov. 2017 Production

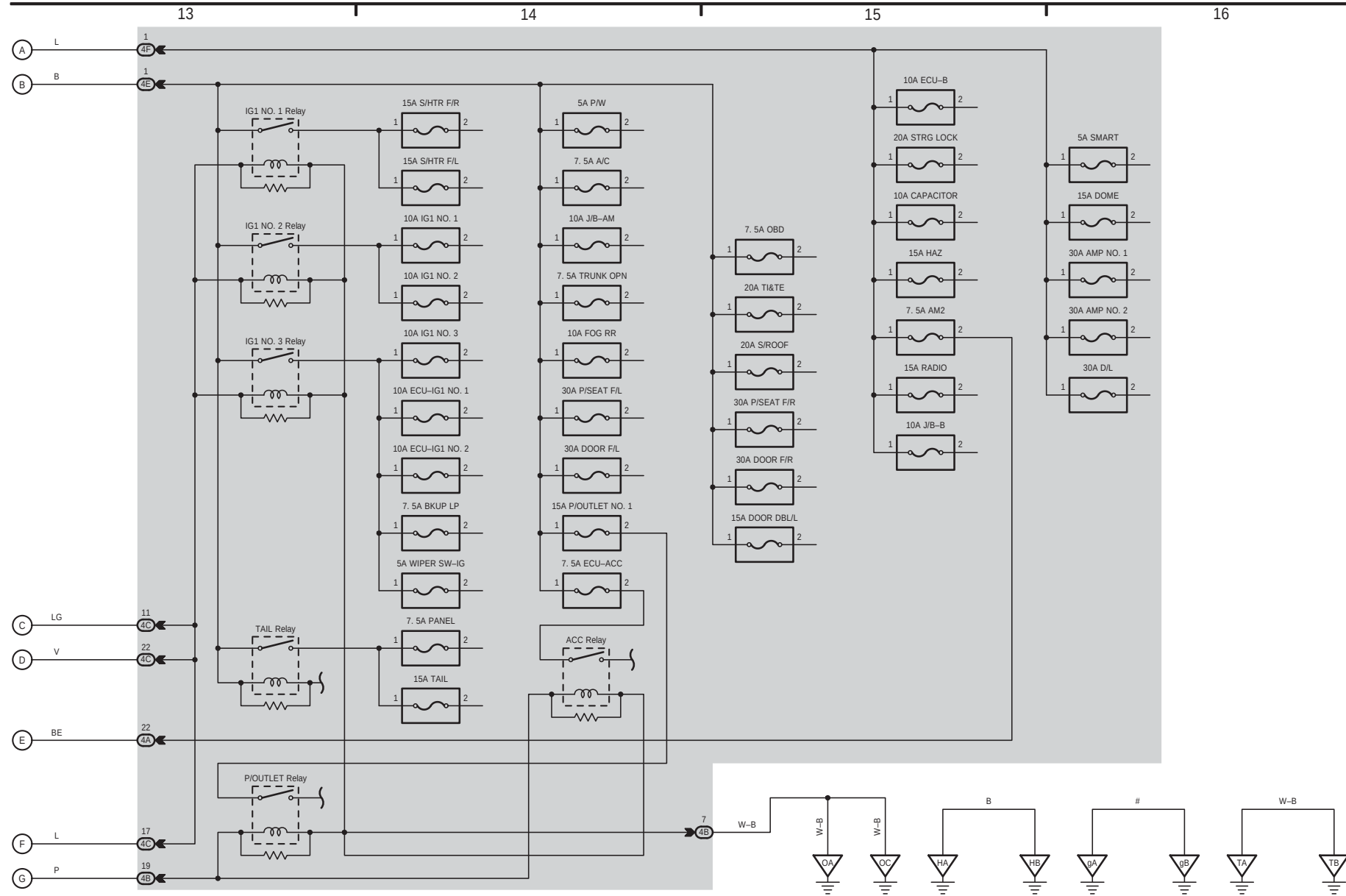




1 RC 300h (Cont' d)

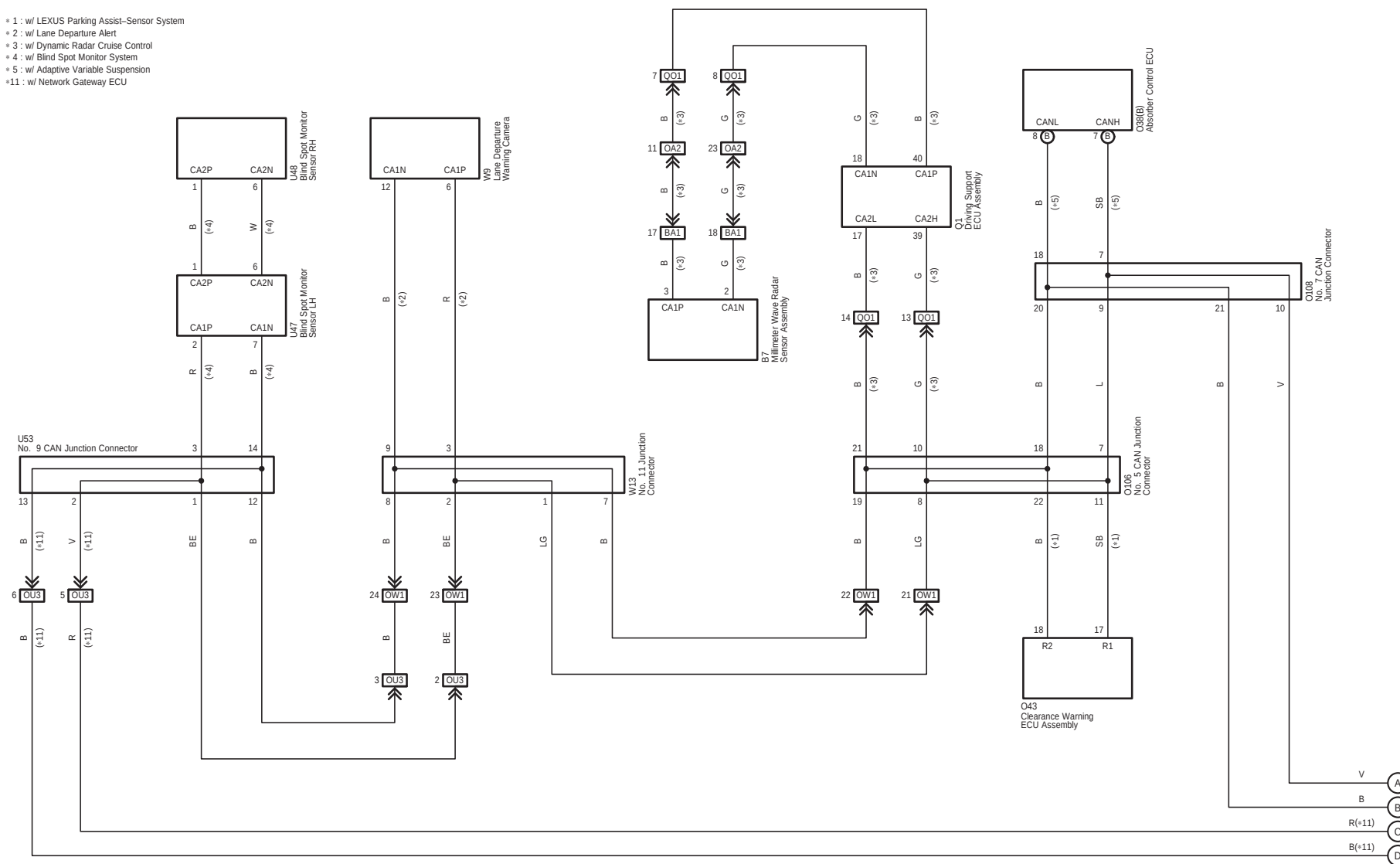
Power Source

: There is no wire color information.

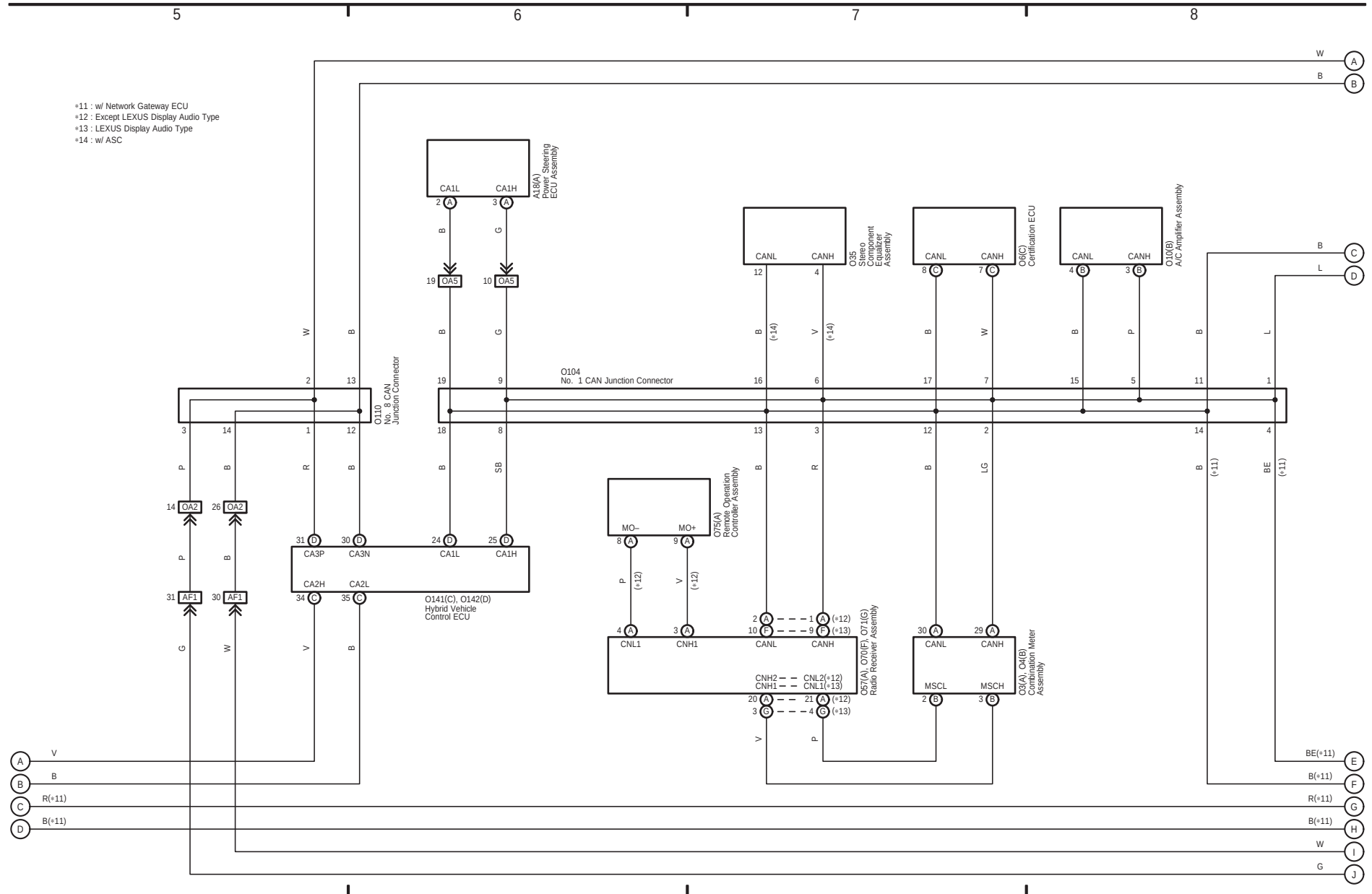


Multiplex Communication System (CAN LHD) (Before Nov. 2017 Production)

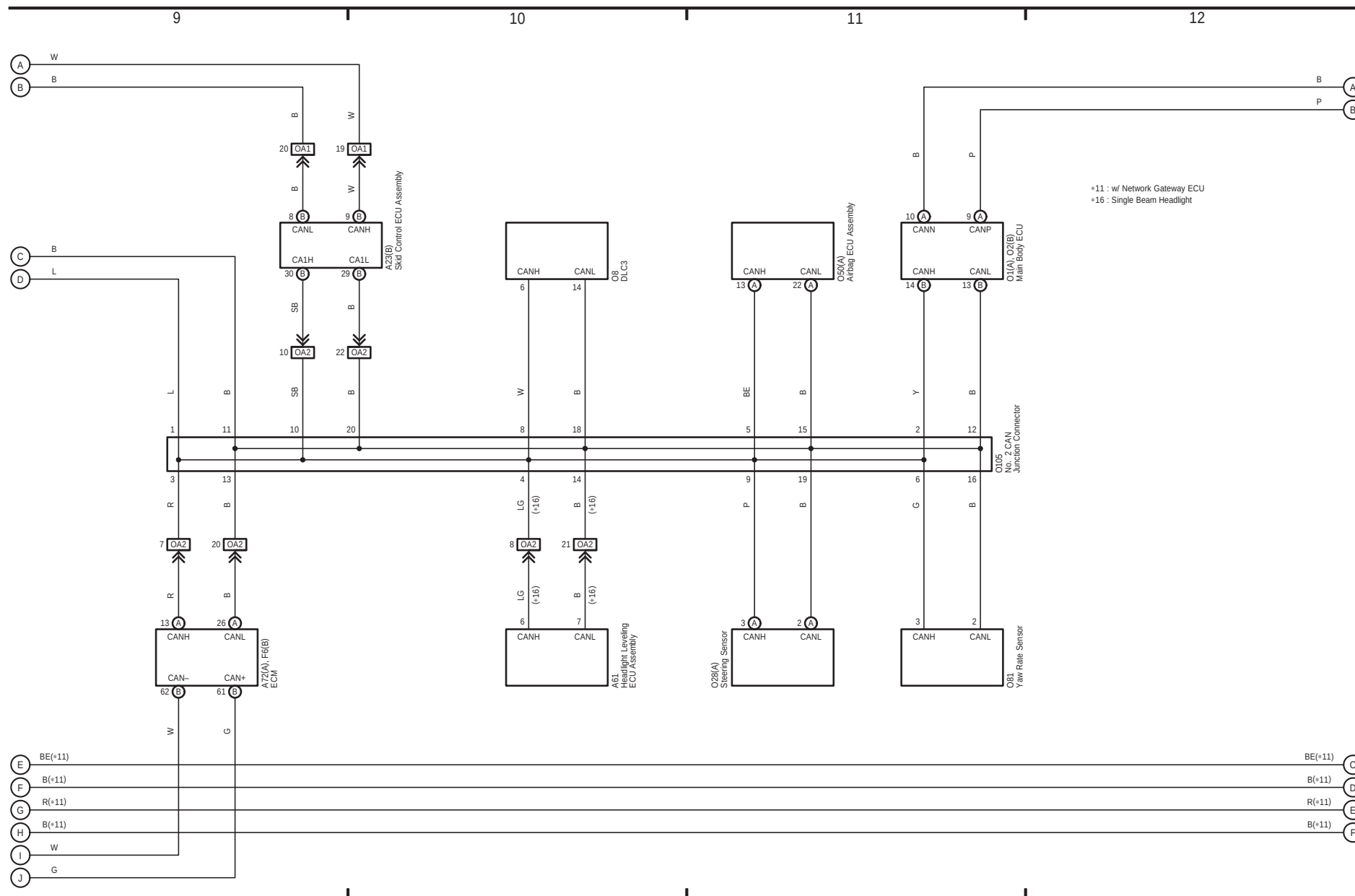
- * 1 : w/ LEXUS Parking Assist-Sensor System
- * 2 : w/ Lane Departure Alert
- * 3 : w/ Dynamic Radar Cruise Control
- * 4 : w/ Blind Spot Monitor System
- * 5 : w/ Adaptive Variable Suspension
- * 11 : w/ Network Gateway ECU



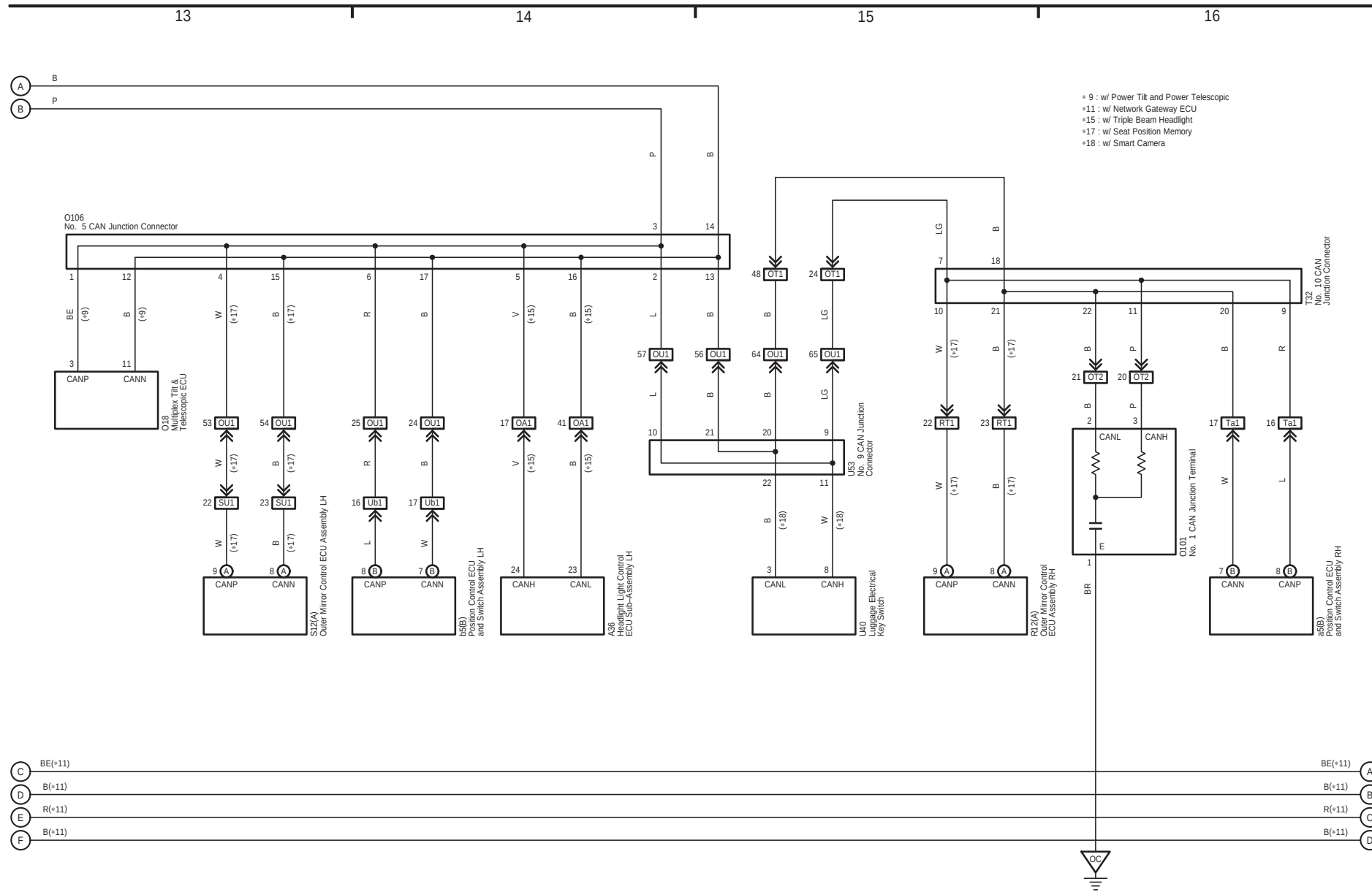
Multiplex Communication System (CAN LHD) (Before Nov. 2017 Production)



Multiplex Communication System (CAN LHD) (Before Nov. 2017 Production)



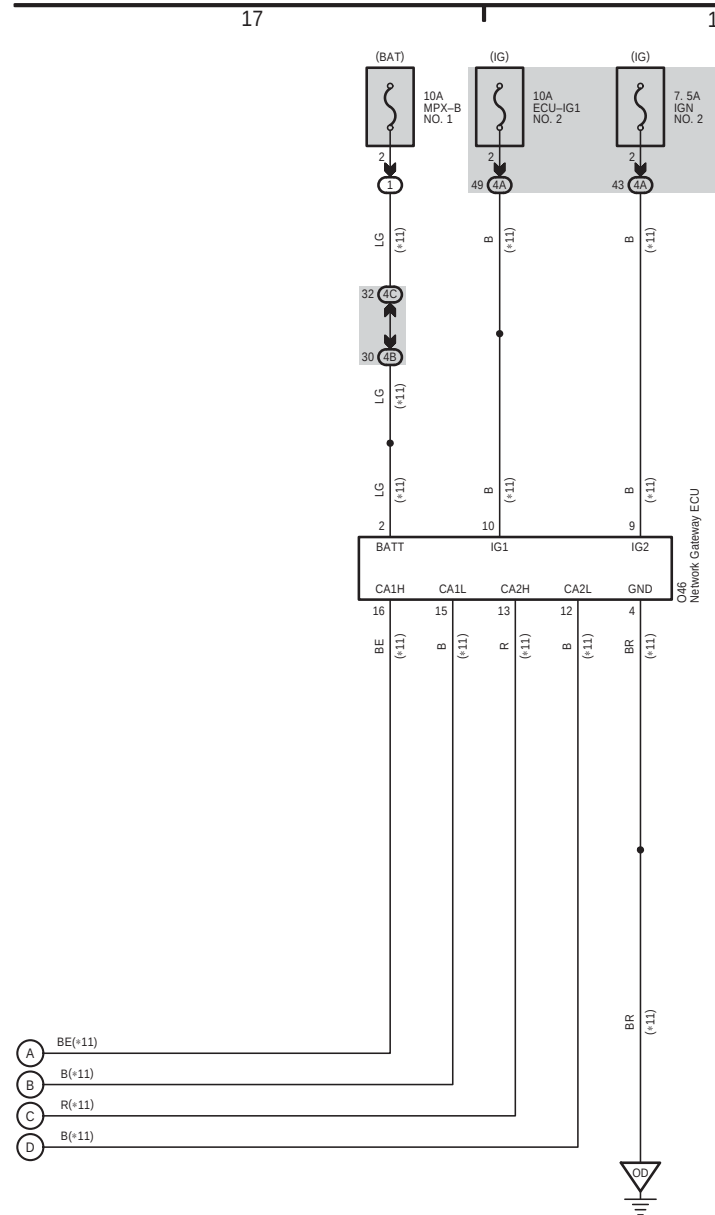
Multiplex Communication System (CAN LHD) (Before Nov. 2017 Production)



2 RC 300h (Cont' d)

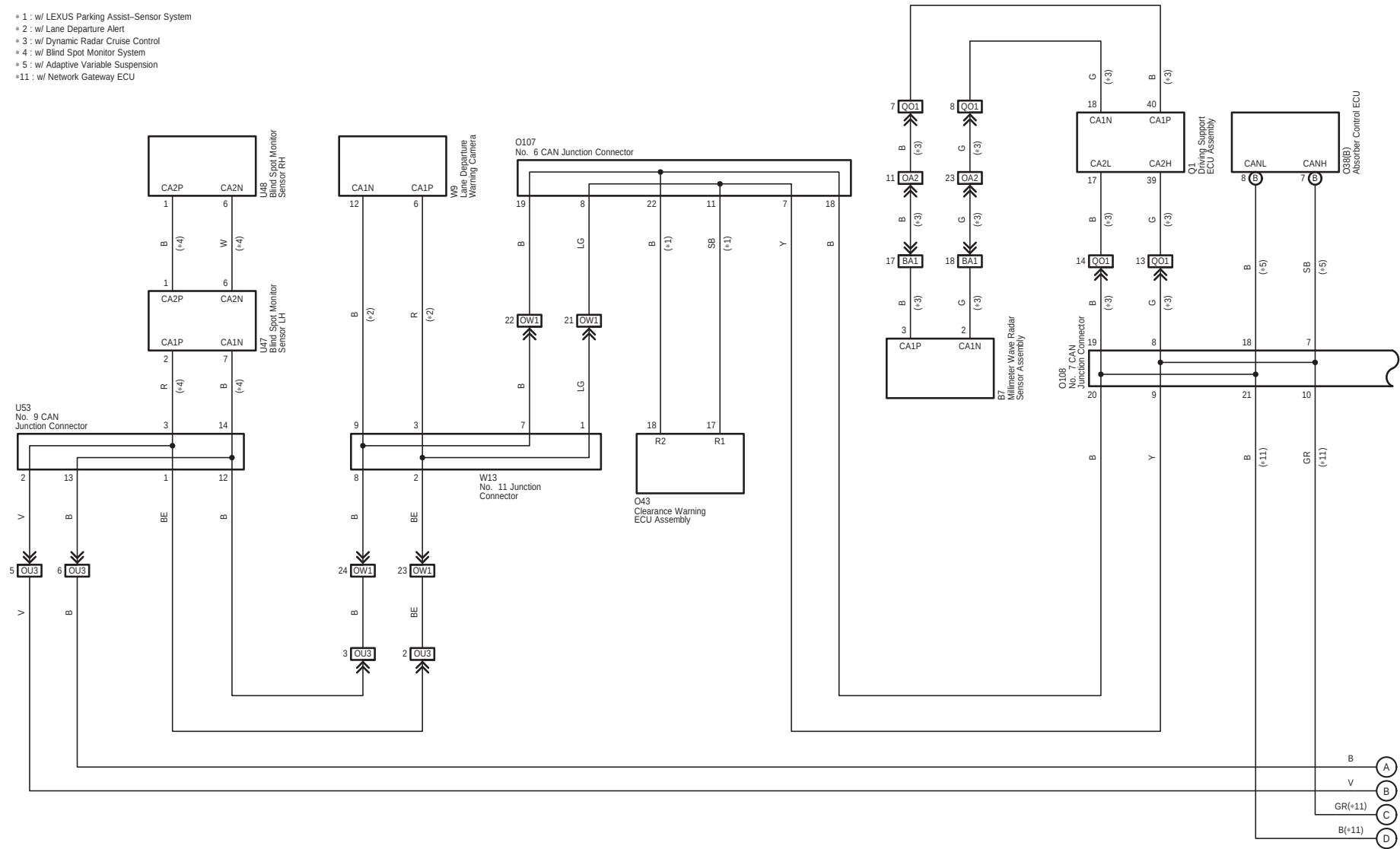
Multiplex Communication System (CAN LHD) (Before Nov. 2017 Production)

*11 : w/ Network Gateway ECU

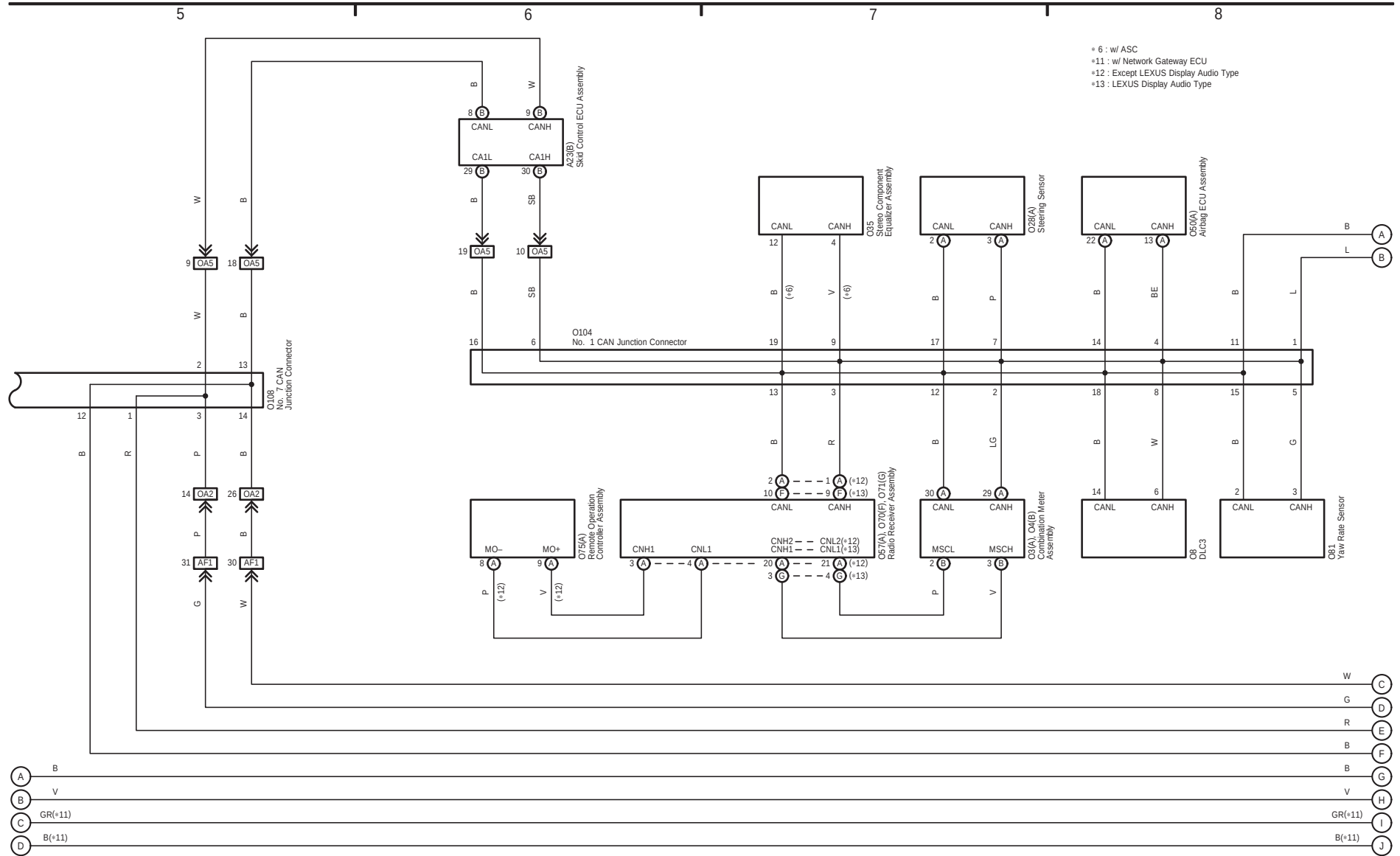


Multiplex Communication System (CAN RHD) (Before Nov. 2017 Production)

- * 1 : w/ LEXUS Parking Assist-Sensor System
- * 2 : w/ Lane Departure Alert
- * 3 : w/ Dynamic Radar Cruise Control
- * 4 : w/ Blind Spot Monitor System
- * 5 : w/ Adaptive Variable Suspension
- * 11 : w/ Network Gateway ECU

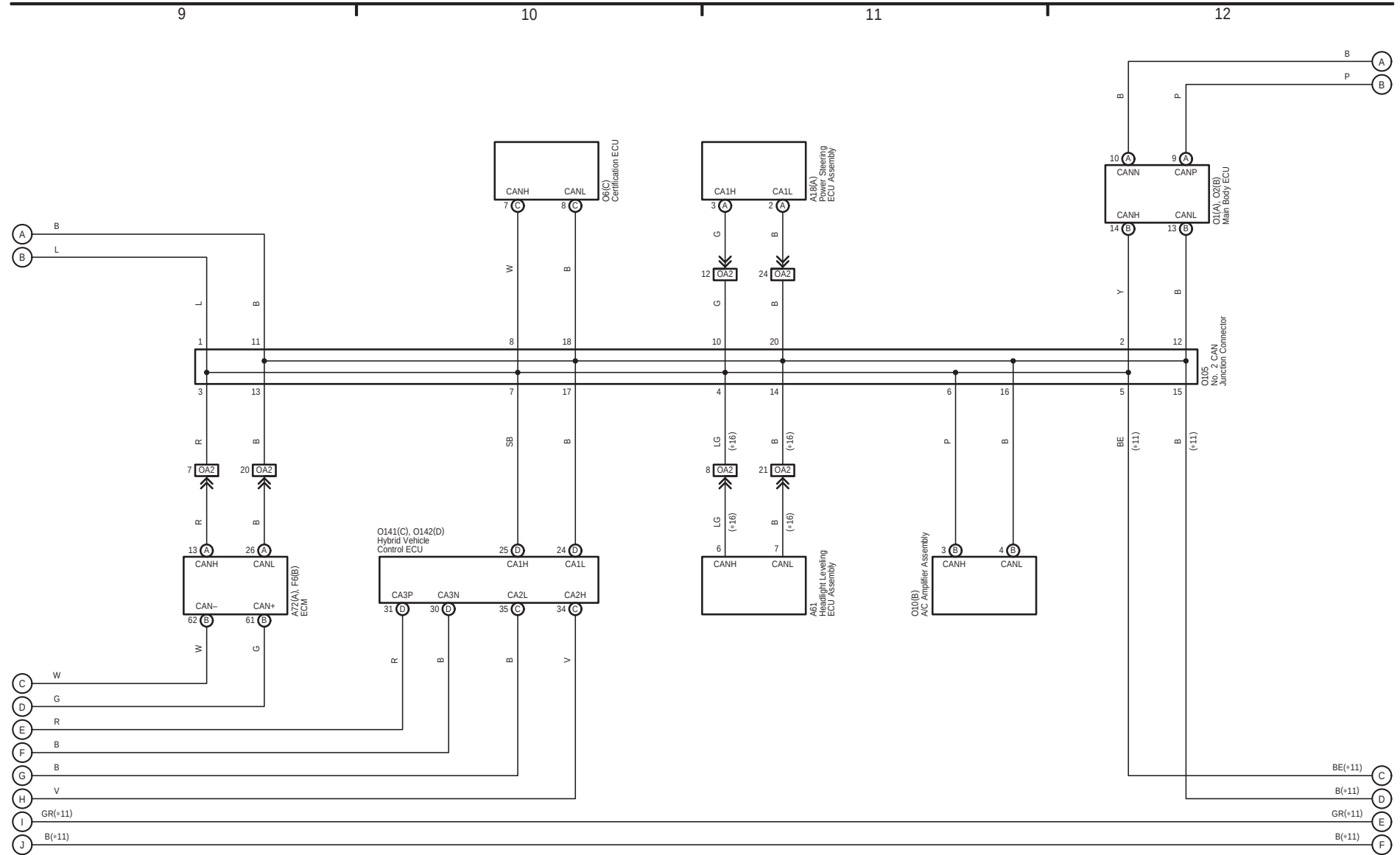


Multiplex Communication System (CAN RHD) (Before Nov. 2017 Production)

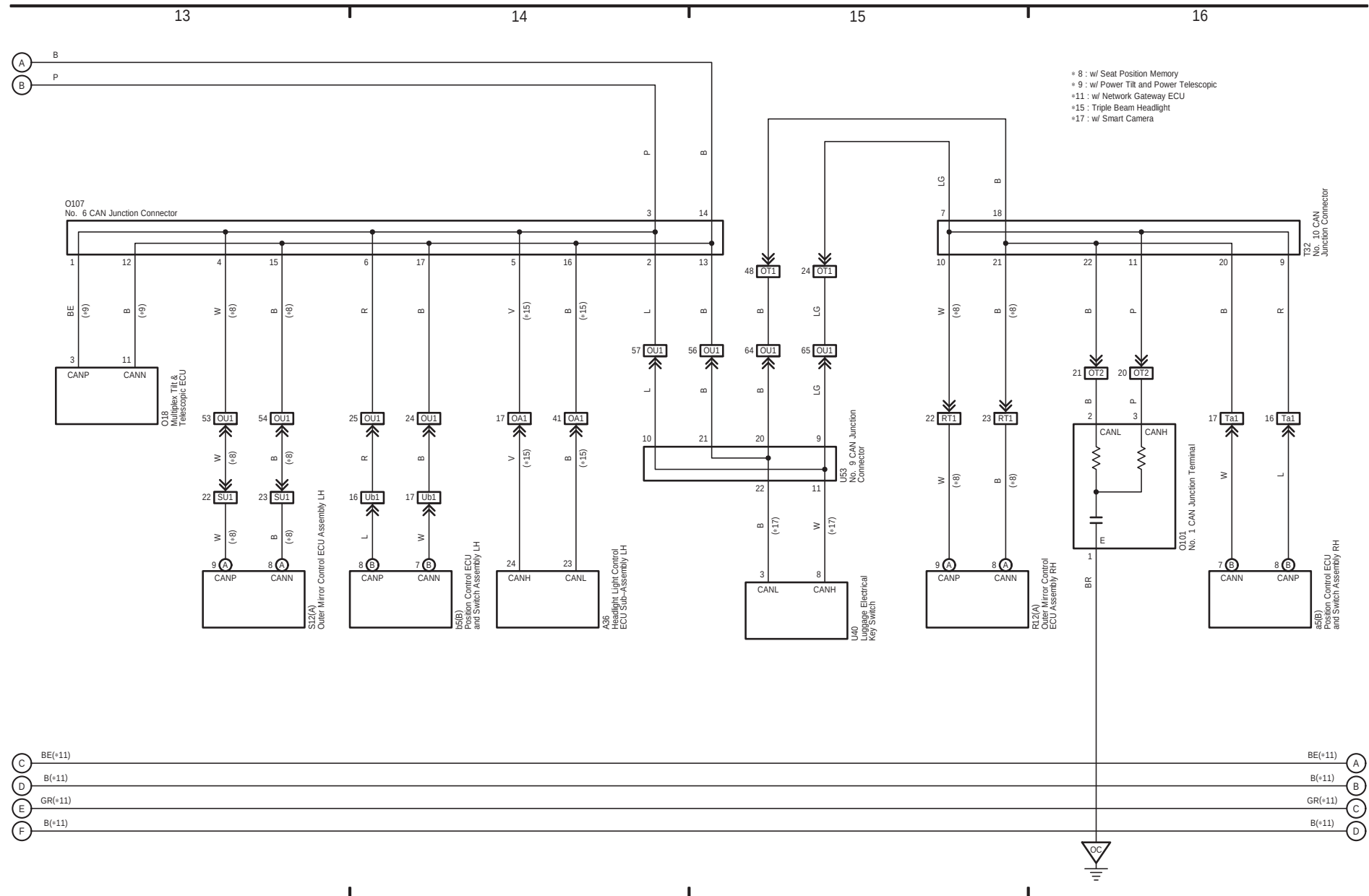


Multiplex Communication System (CAN RHD) (Before Nov. 2017 Production)

*11 : w/ Network Gateway ECU
 *16 : Single Beam Headlight



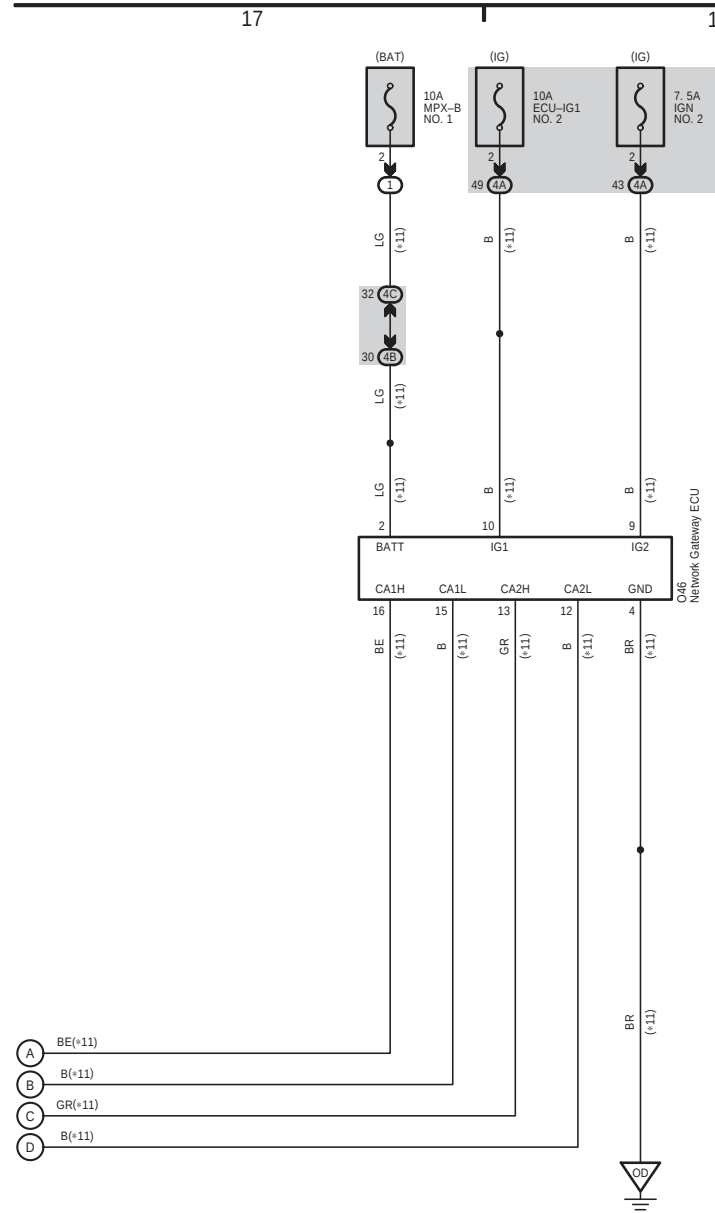
Multiplex Communication System (CAN RHD) (Before Nov. 2017 Production)



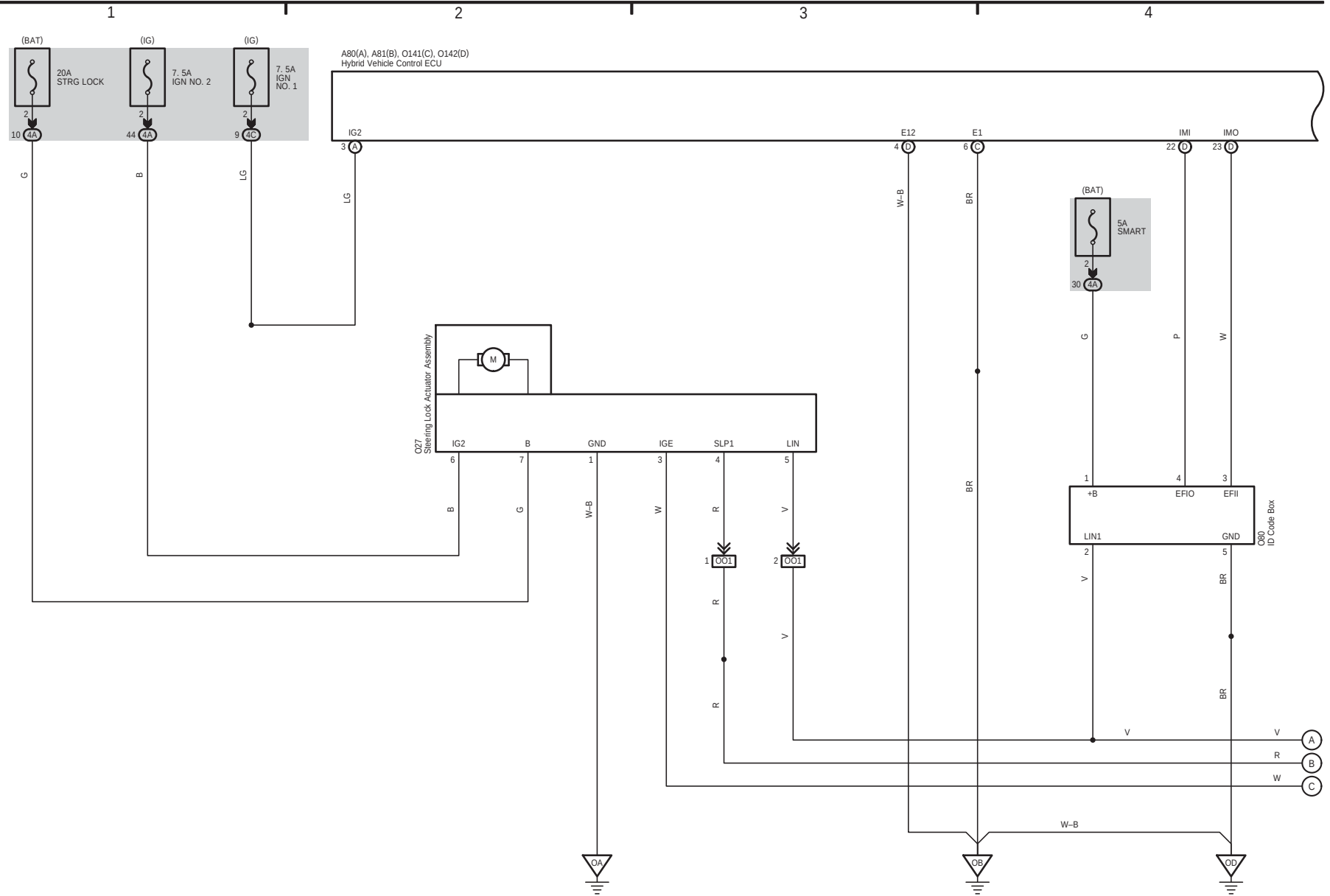
3 RC 300h (Cont' d)

Multiplex Communication System (CAN RHD) (Before Nov. 2017 Production)

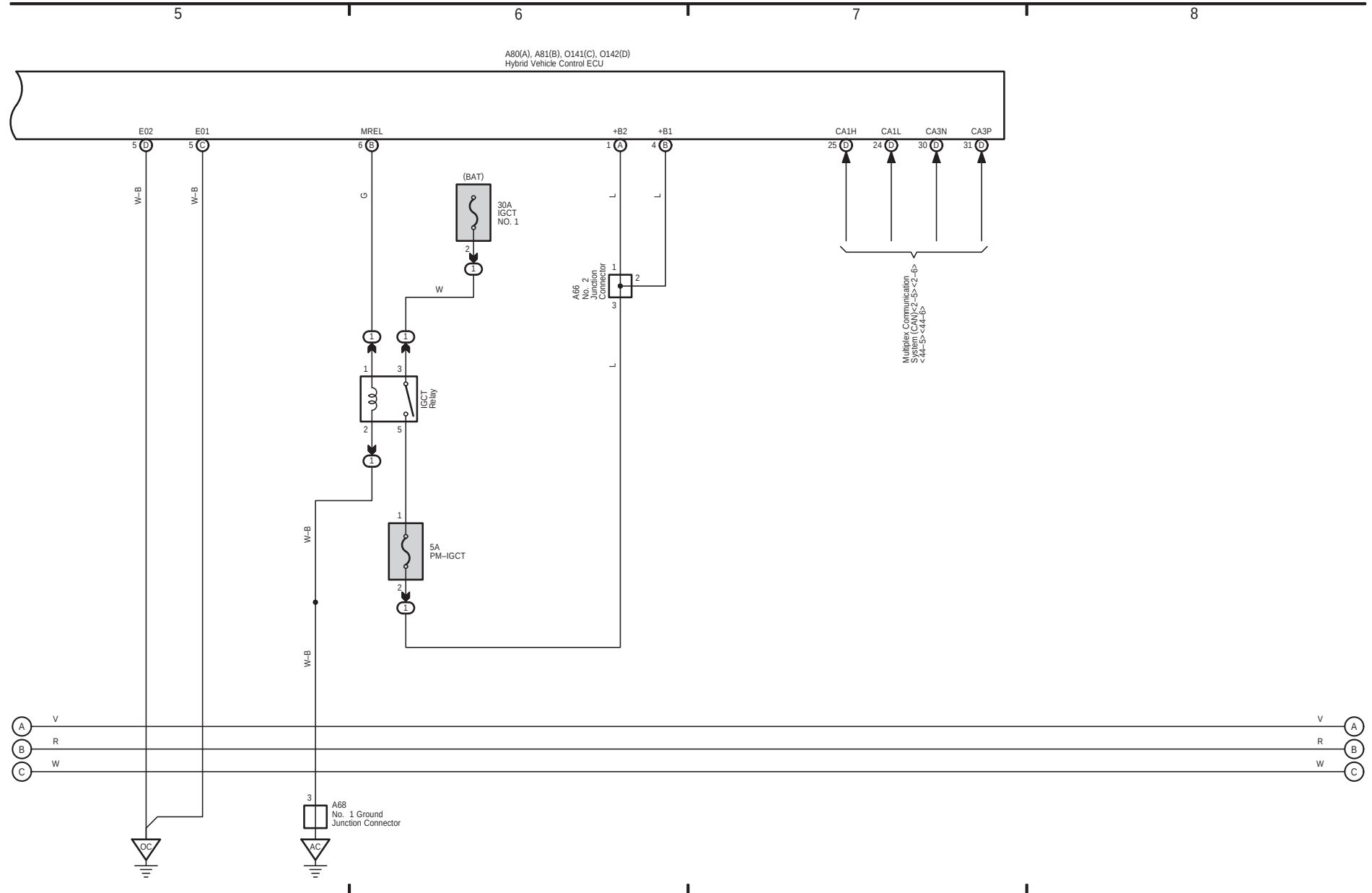
*11 : w/ Network Gateway ECU



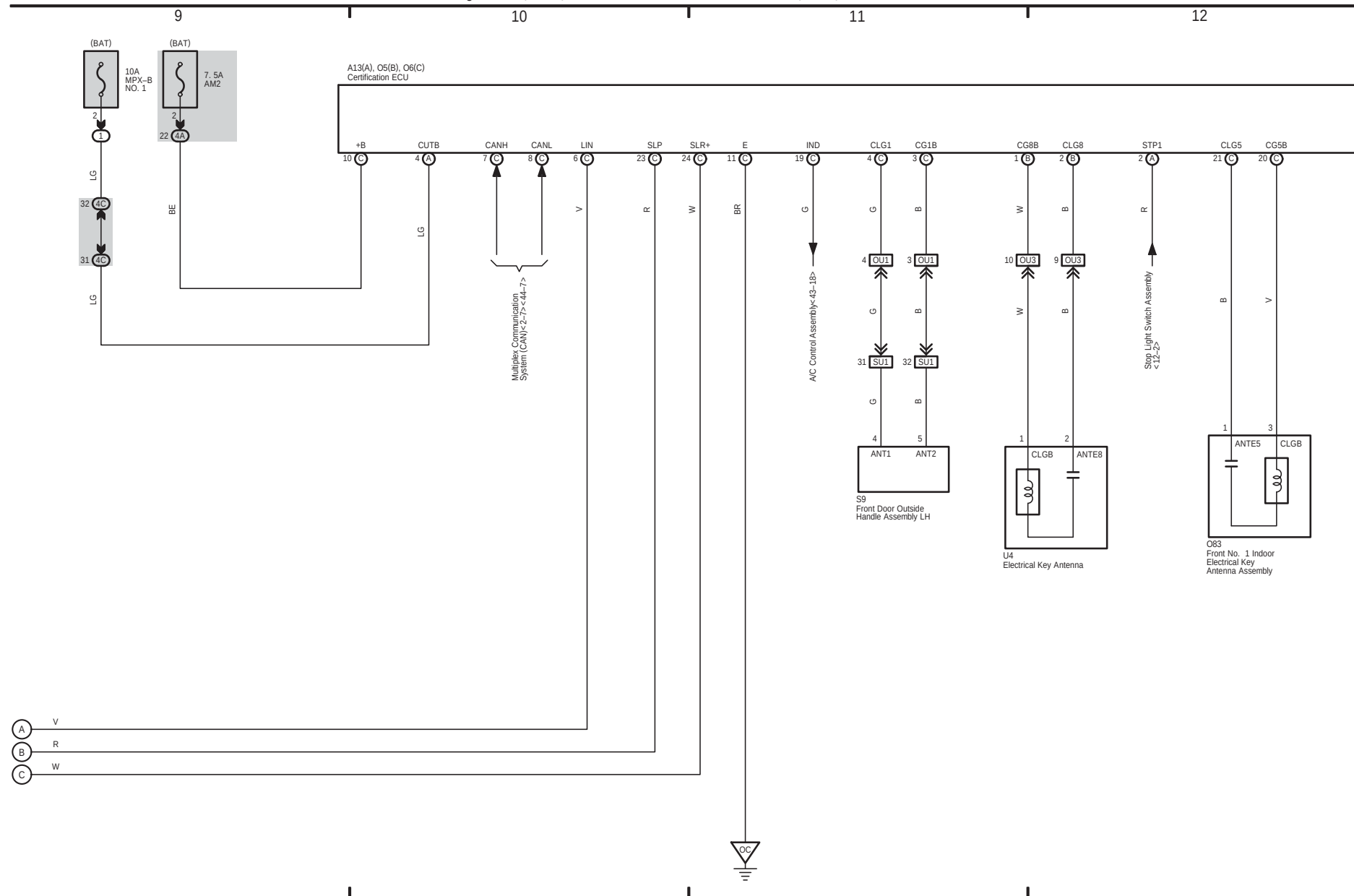
Entry & Start System (LHD), Immobiliser System (LHD), Starting (LHD),
Steering Lock (LHD), Wireless Door Lock Control (LHD)



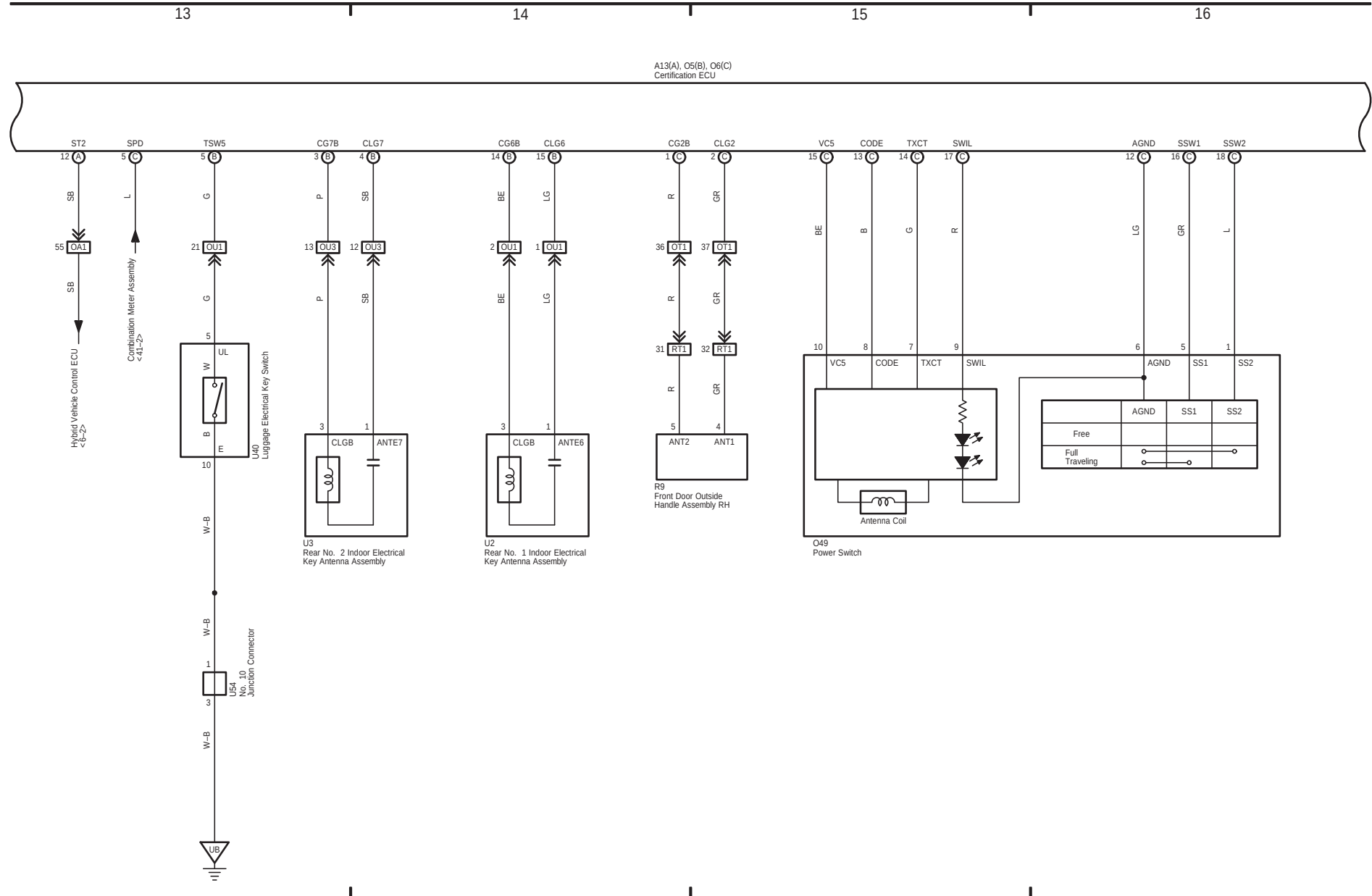
Entry & Start System (LHD), Immobiliser System (LHD), Starting (LHD),
Steering Lock (LHD), Wireless Door Lock Control (LHD)



Entry & Start System (LHD), Immobiliser System (LHD), Starting (LHD),
Steering Lock (LHD), Wireless Door Lock Control (LHD)

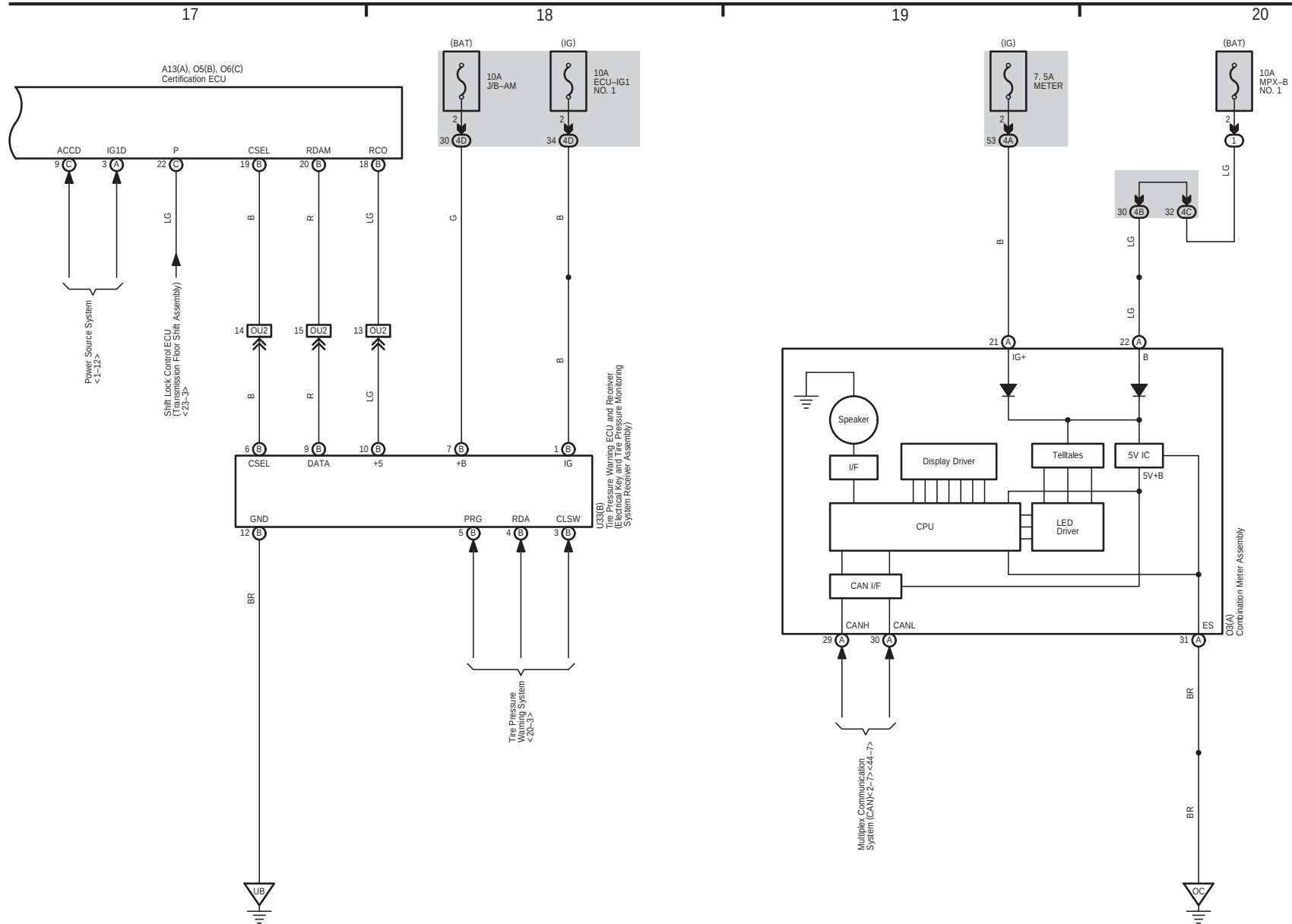


Entry & Start System (LHD), Immobiliser System (LHD), Starting (LHD),
Steering Lock (LHD), Wireless Door Lock Control (LHD)



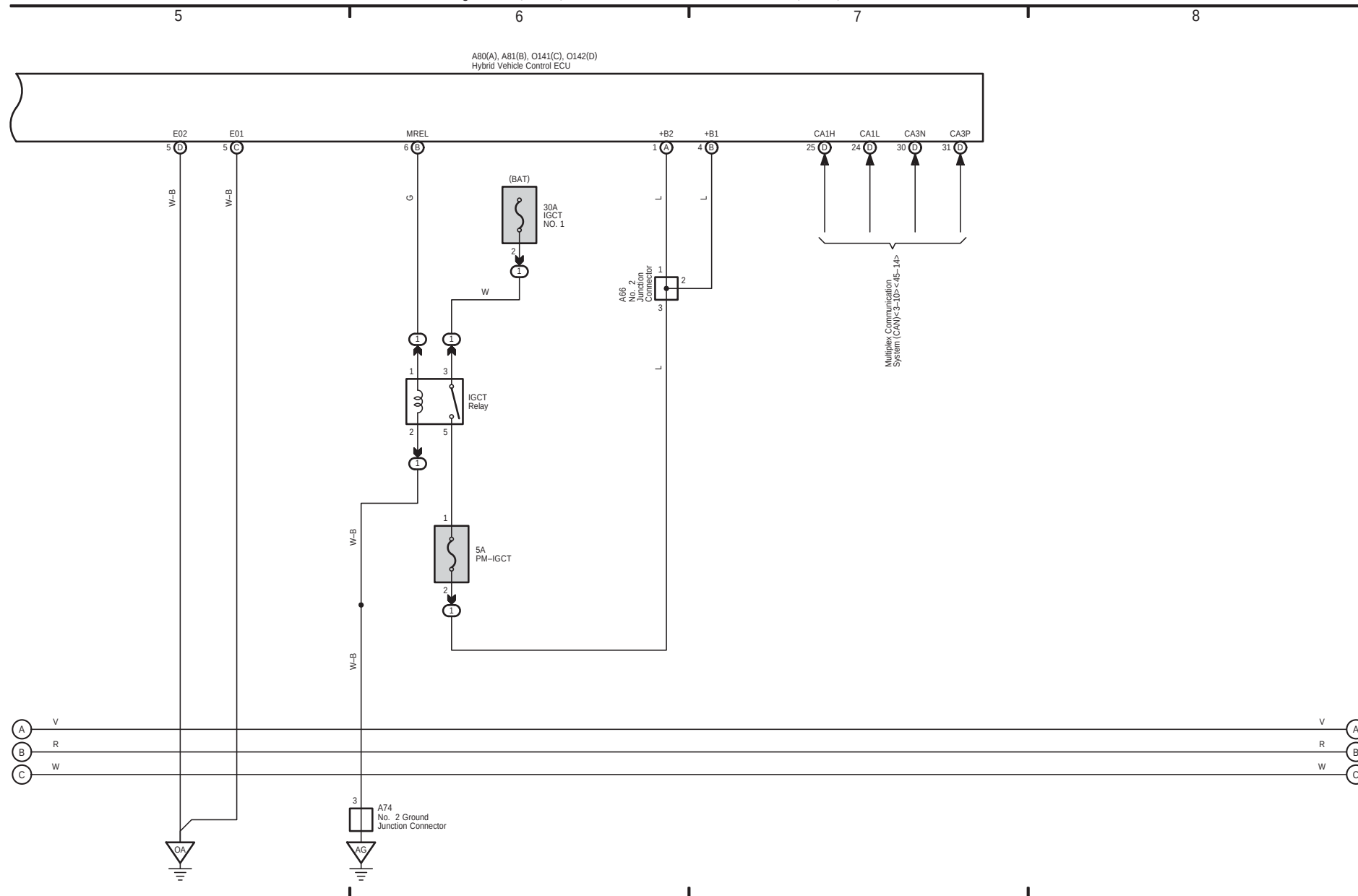
4 RC 300h (Cont' d)

Entry & Start System (LHD), Immobiliser System (LHD), Starting (LHD),
Steering Lock (LHD), Wireless Door Lock Control (LHD)

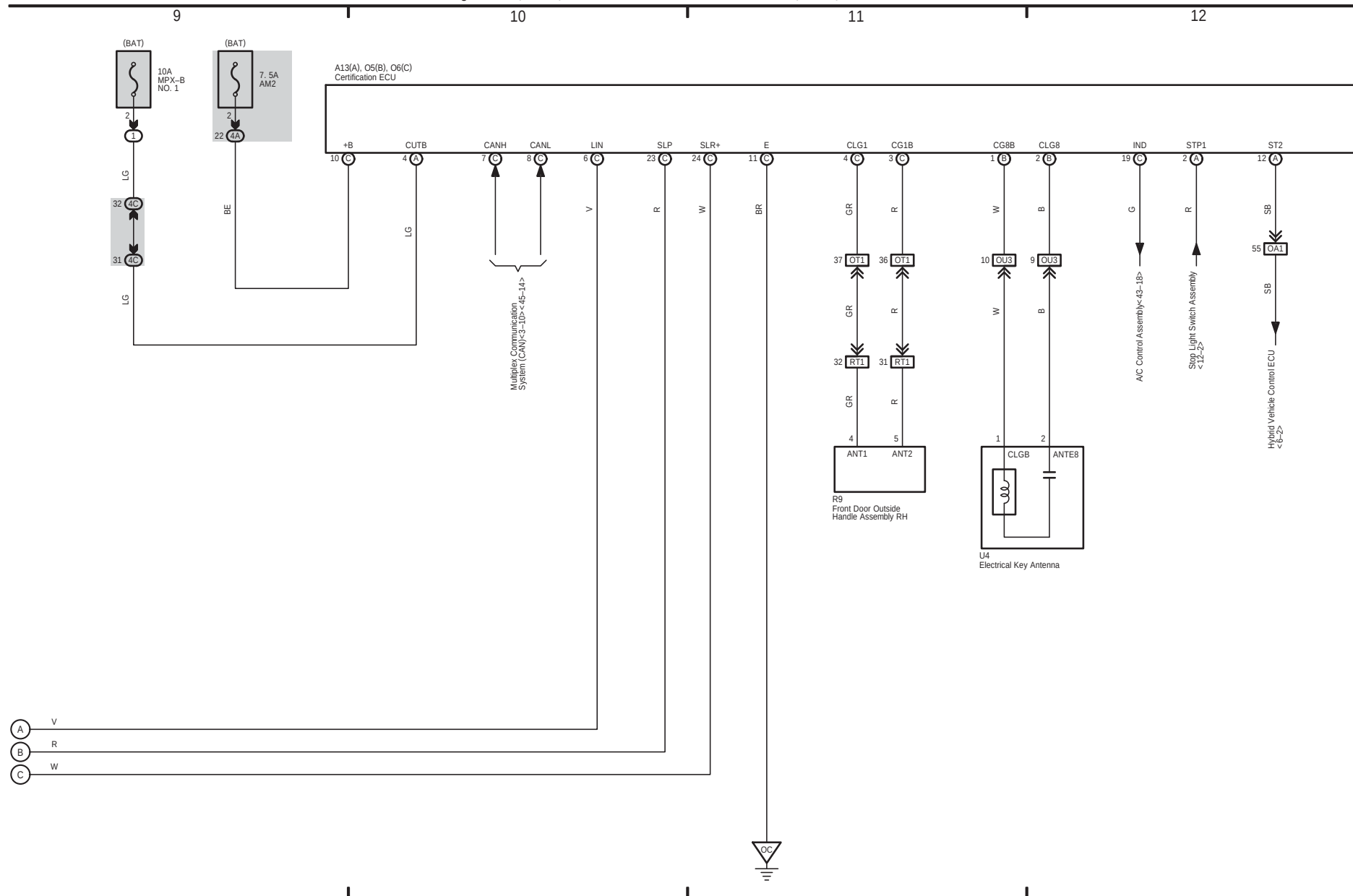




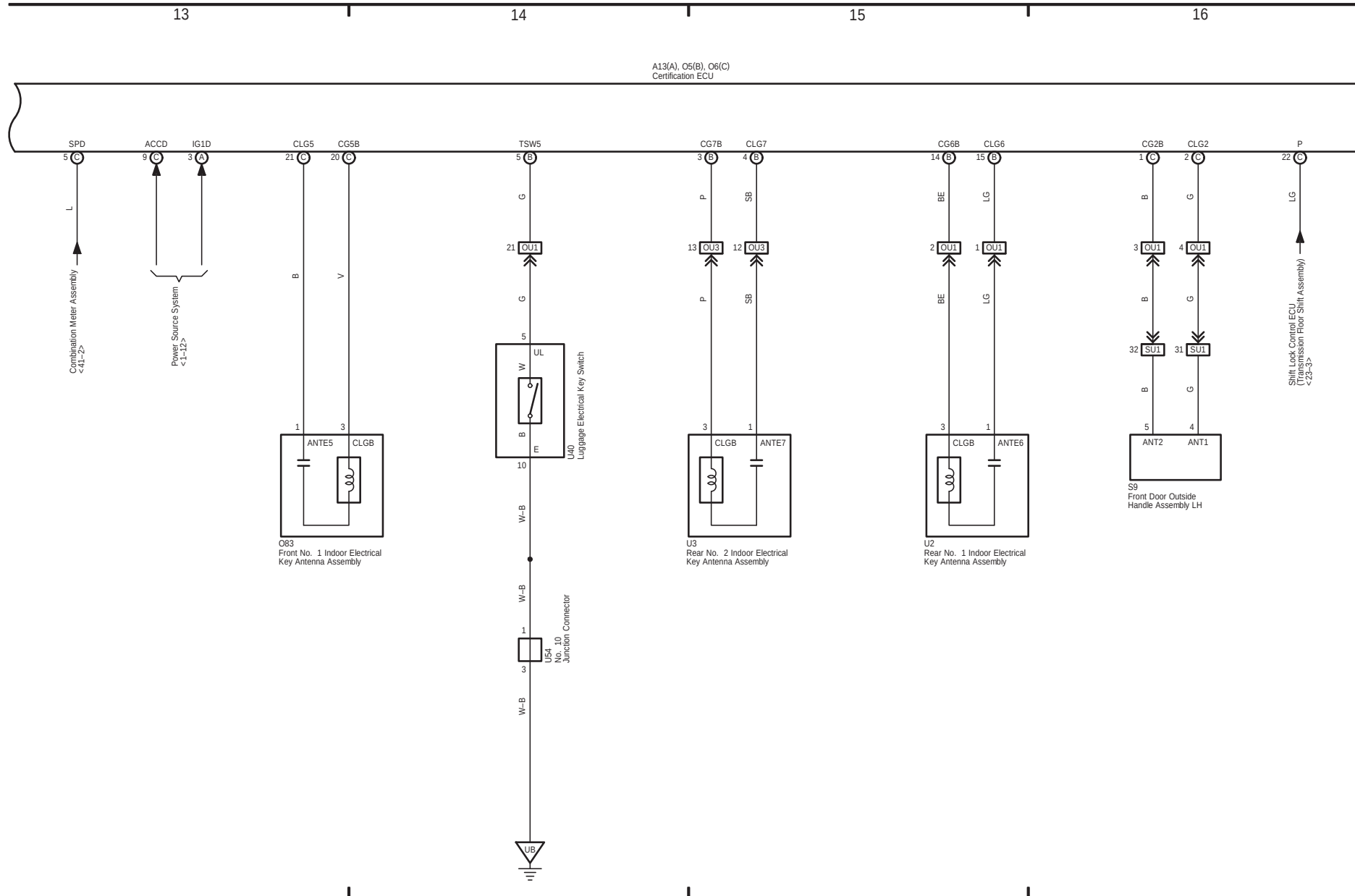
Entry & Start System (RHD), Immobiliser System (RHD), Starting (RHD),
Steering Lock (RHD), Wireless Door Lock Control (RHD)



Entry & Start System (RHD), Immobiliser System (RHD), Starting (RHD),
Steering Lock (RHD), Wireless Door Lock Control (RHD)



Entry & Start System (RHD), Immobiliser System (RHD), Starting (RHD),
Steering Lock (RHD), Wireless Door Lock Control (RHD)



- * 2 : Except *3
- * 3 : 12 Pin Type
- * 5 : FMVSS138 Type



5 RC 300h (Cont' d)

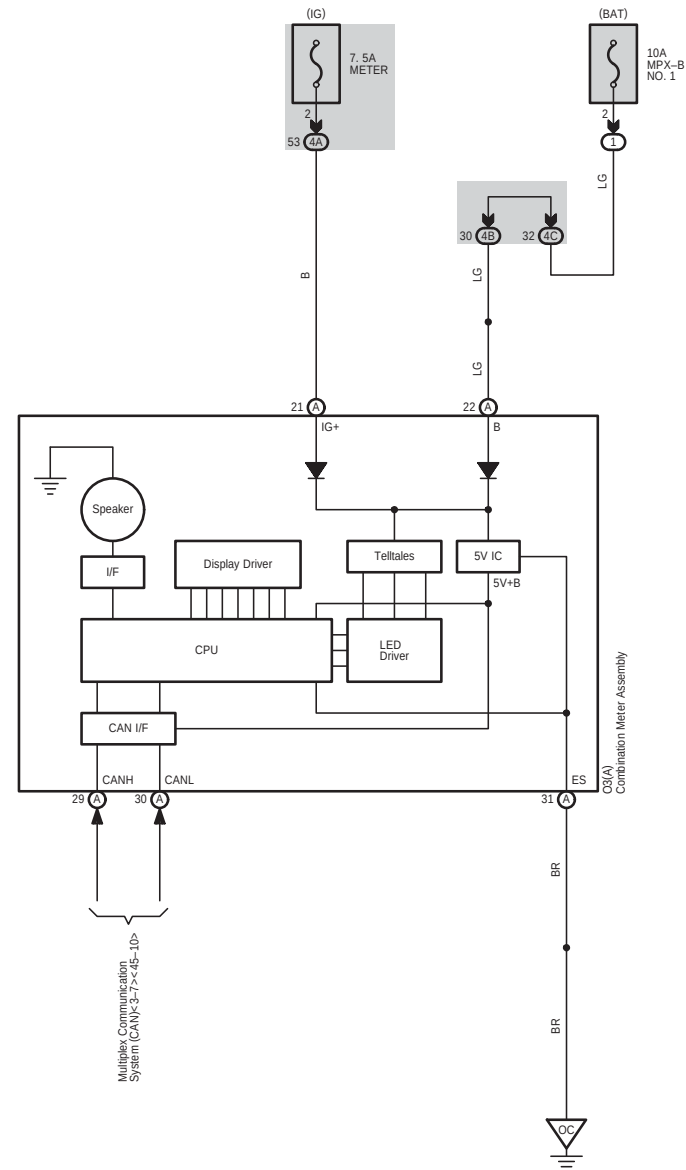
Entry & Start System (RHD), Immobiliser System (RHD), Starting (RHD),
Steering Lock (RHD), Wireless Door Lock Control (RHD)

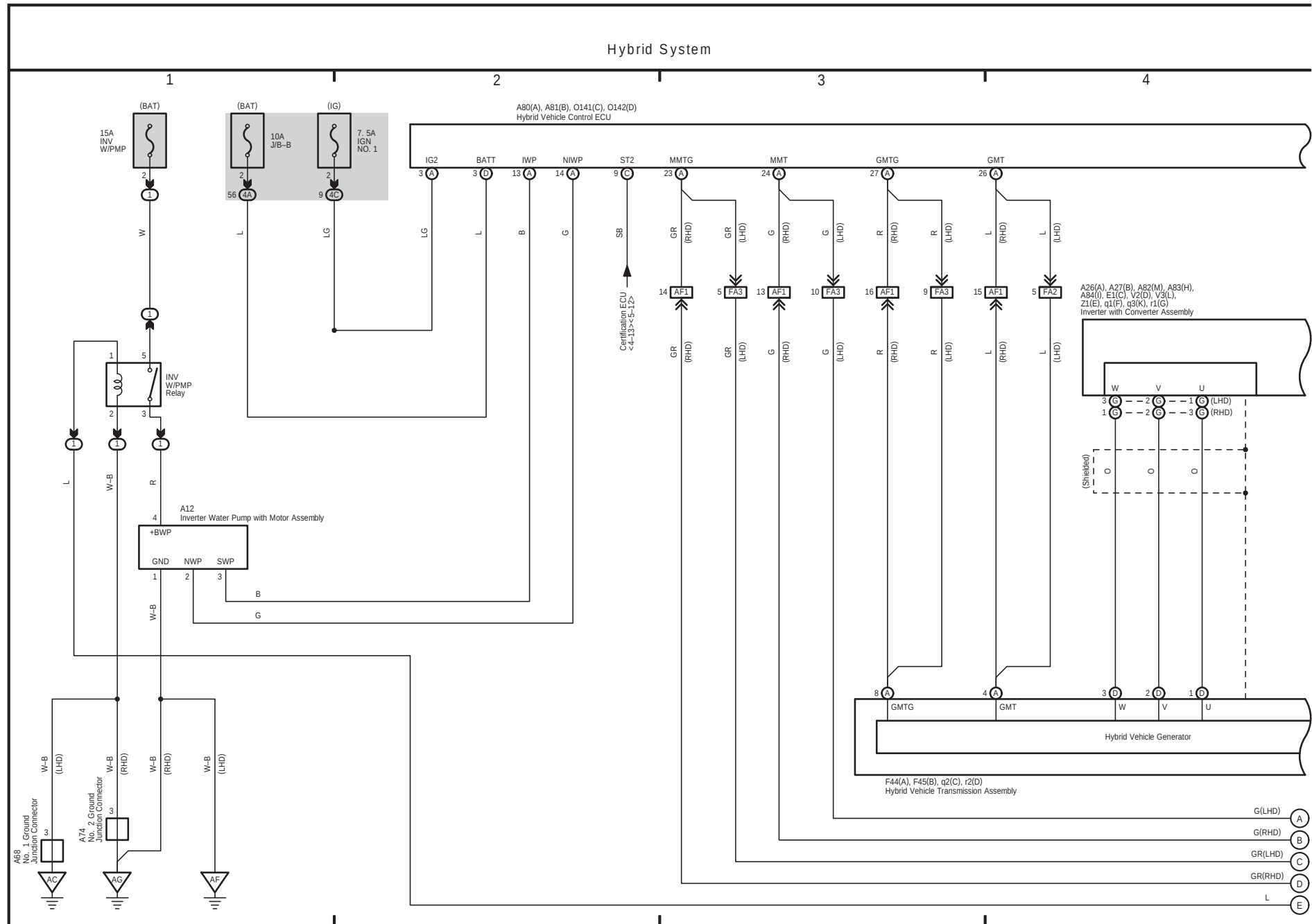
21

22

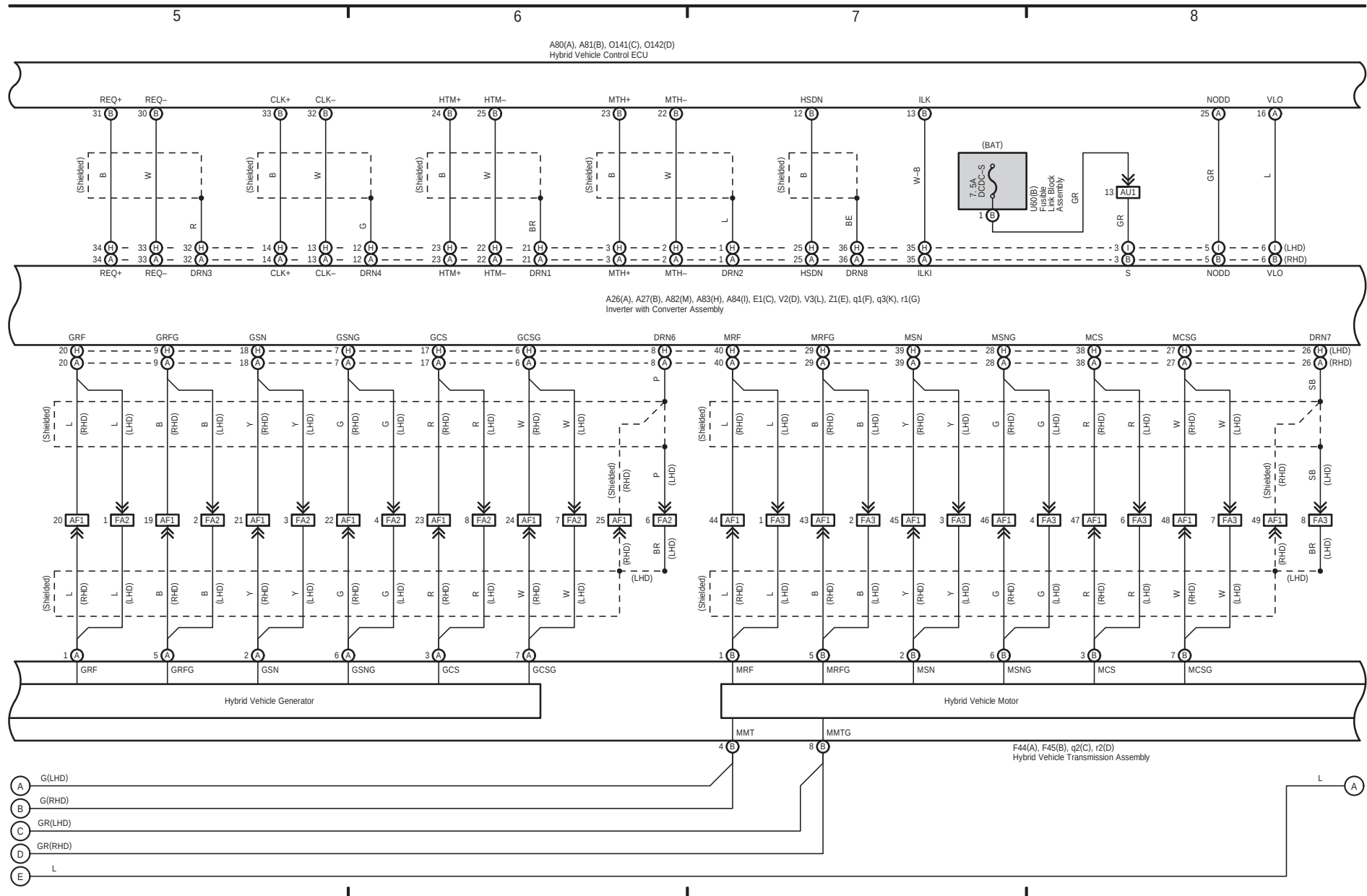
23

24

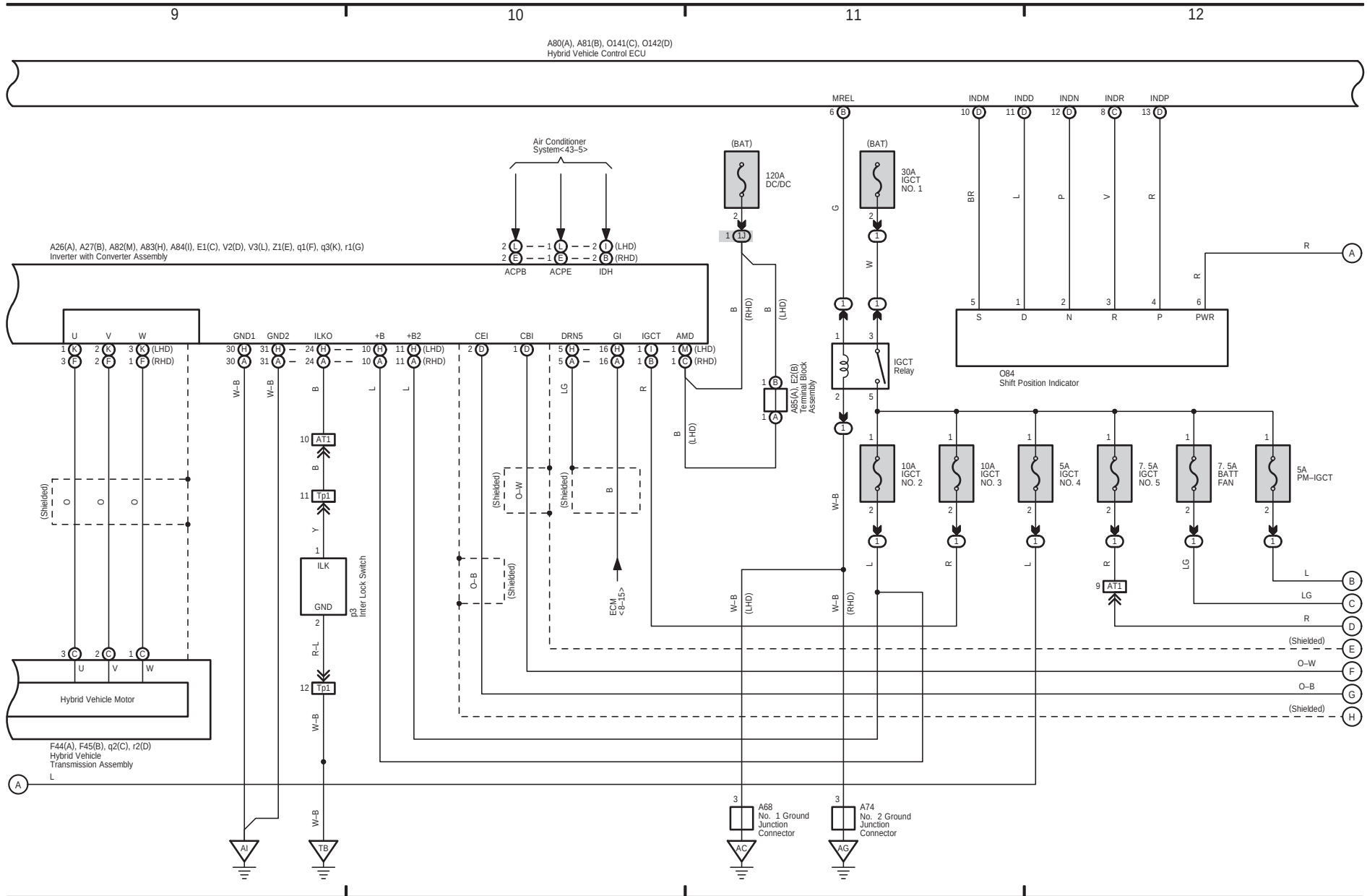




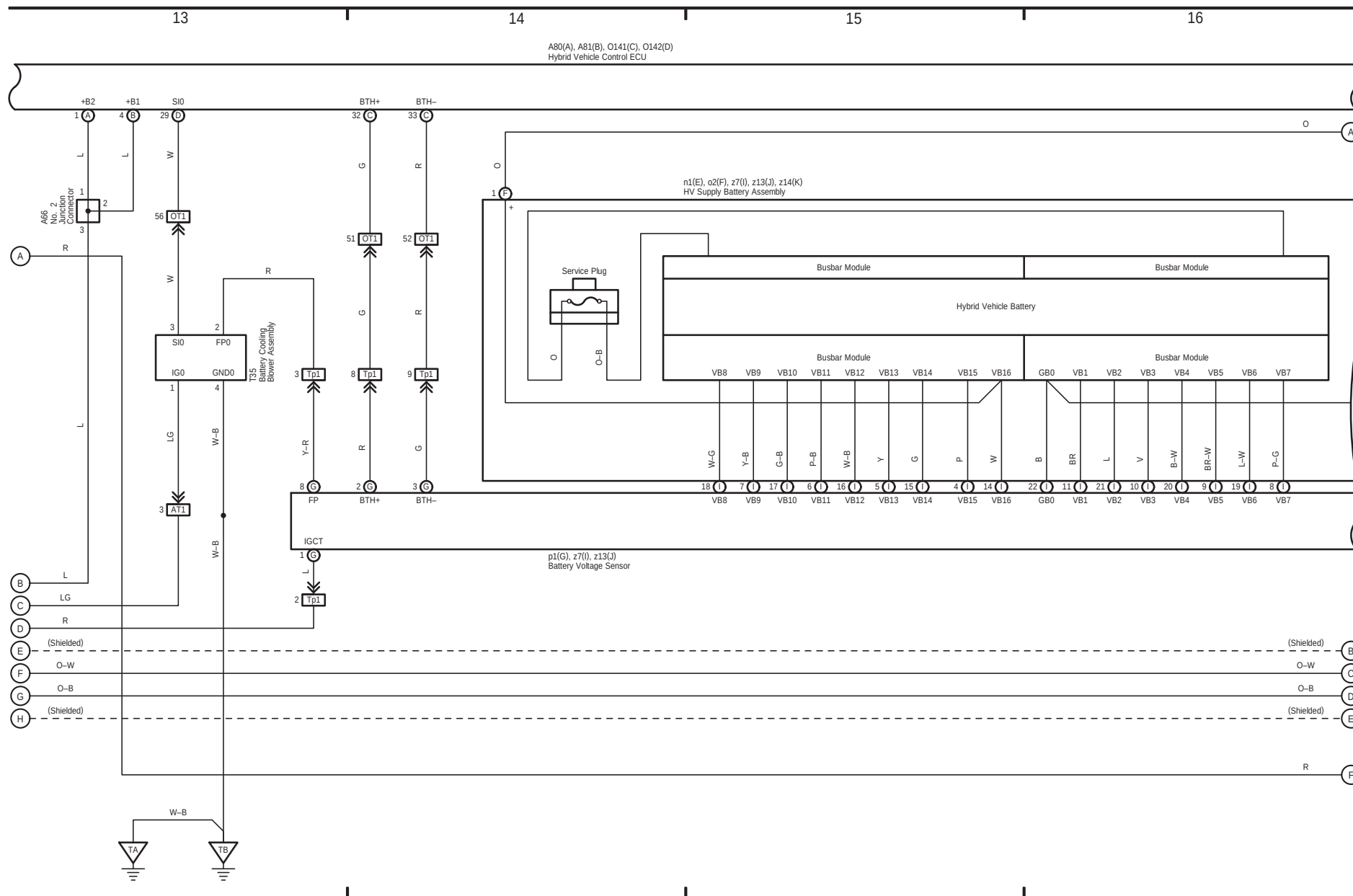
Hybrid System



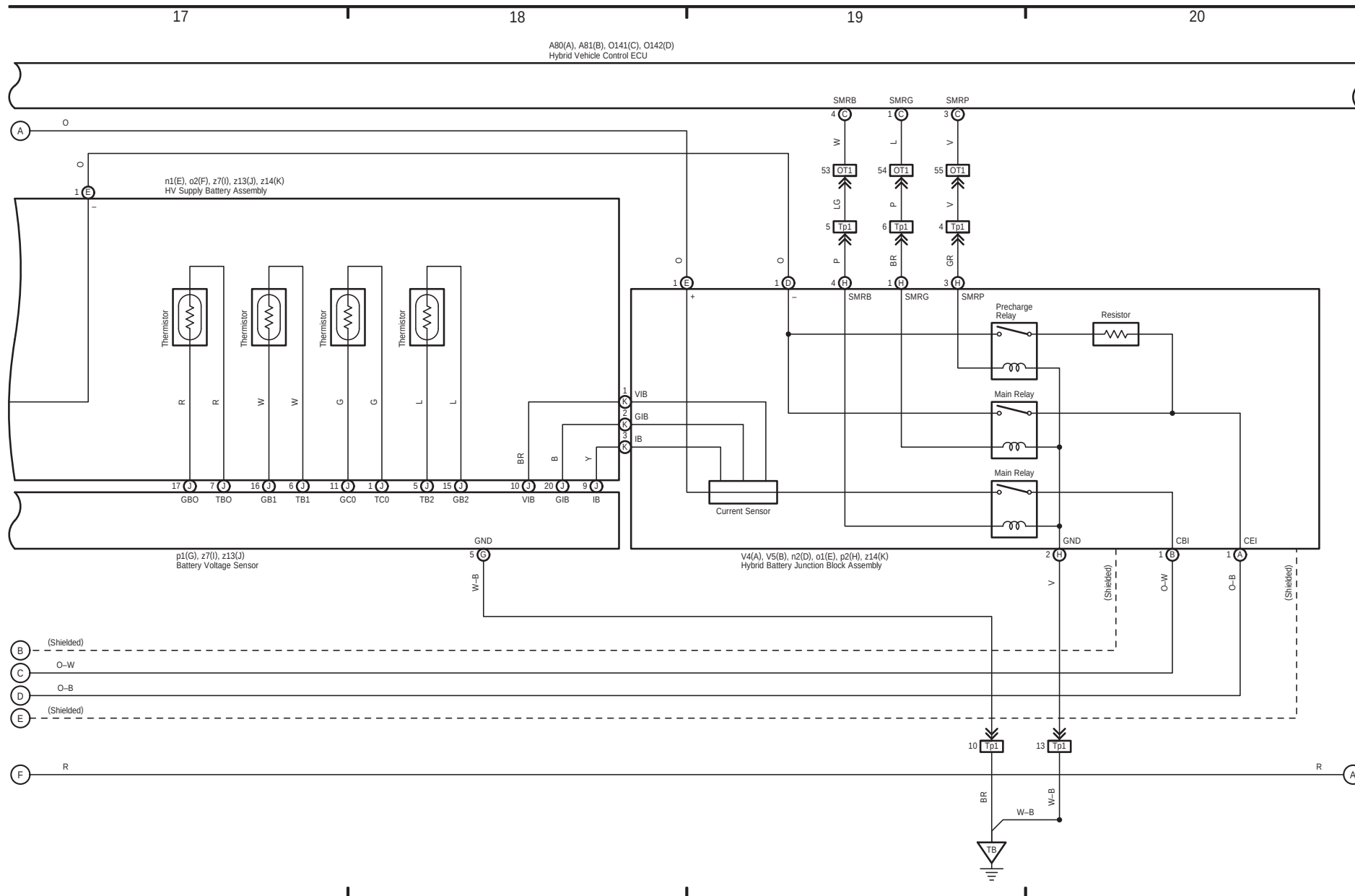
Hybrid System



Hybrid System

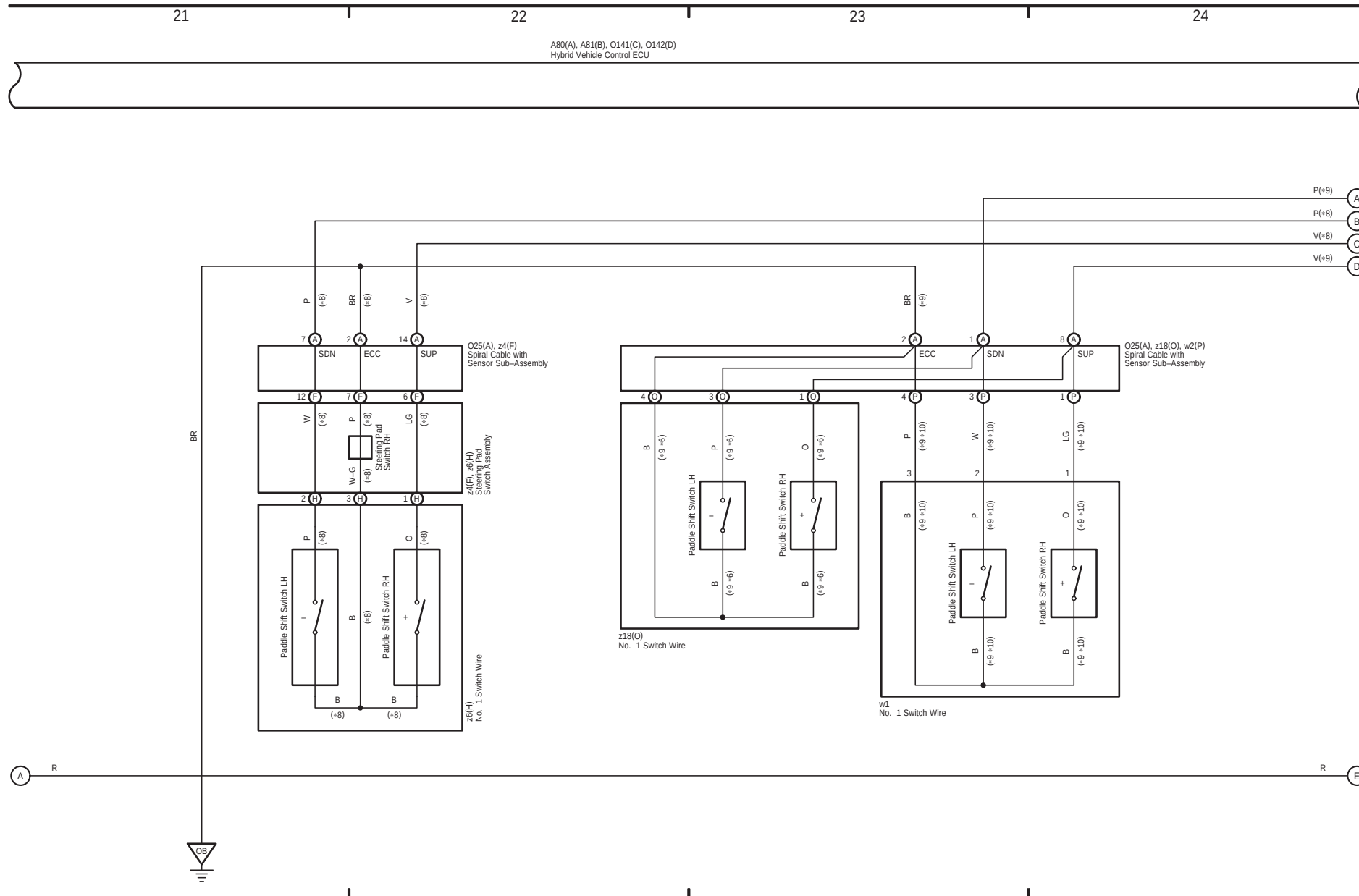


Hybrid System



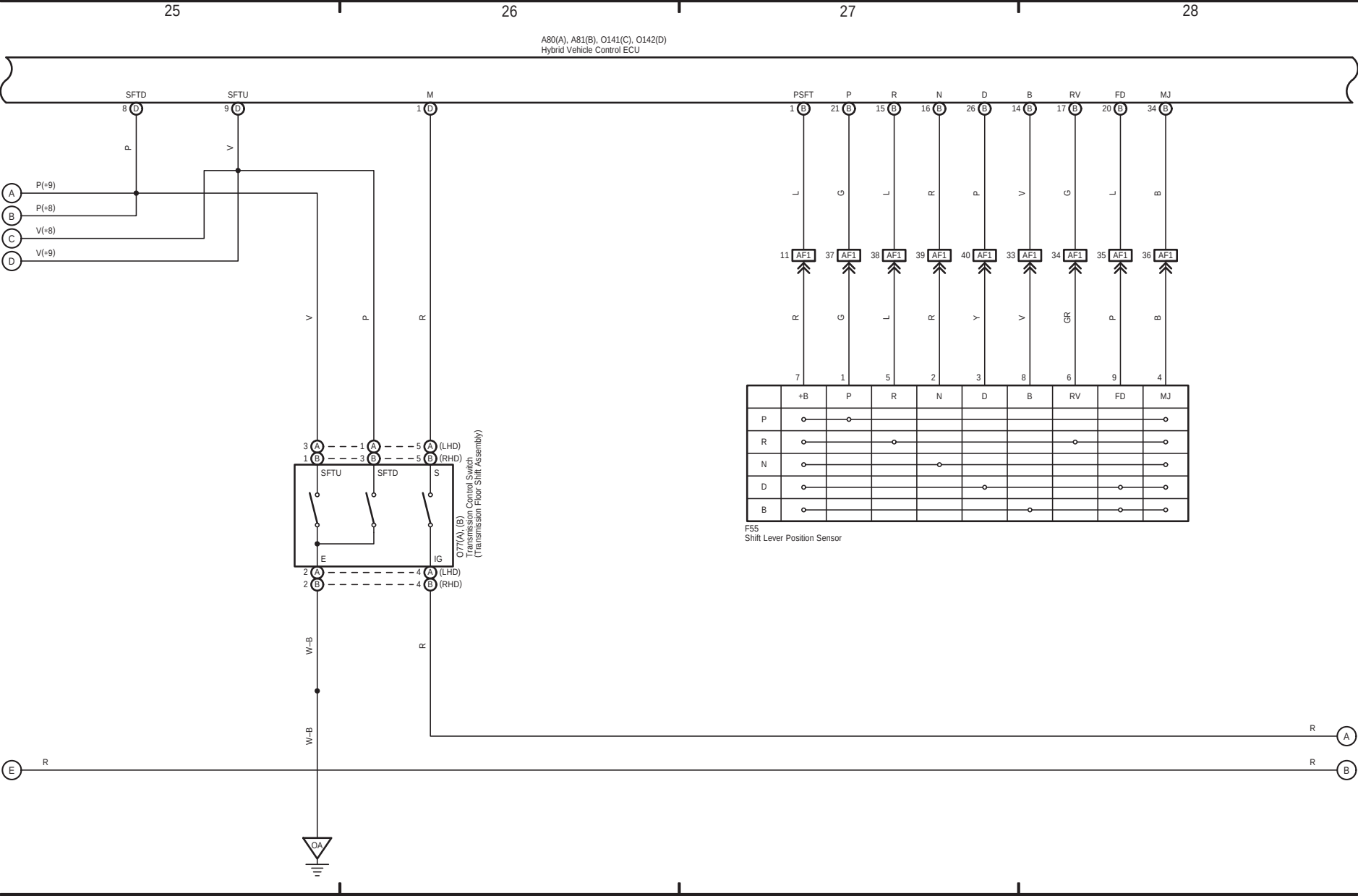
Shift Control System

- * 6 : w/ Lane Departure Alert
- * 8 : Before Nov. 2017 Production
- * 9 : From Nov. 2017 Production
- * 10 : w/o Lane Departure Alert

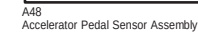


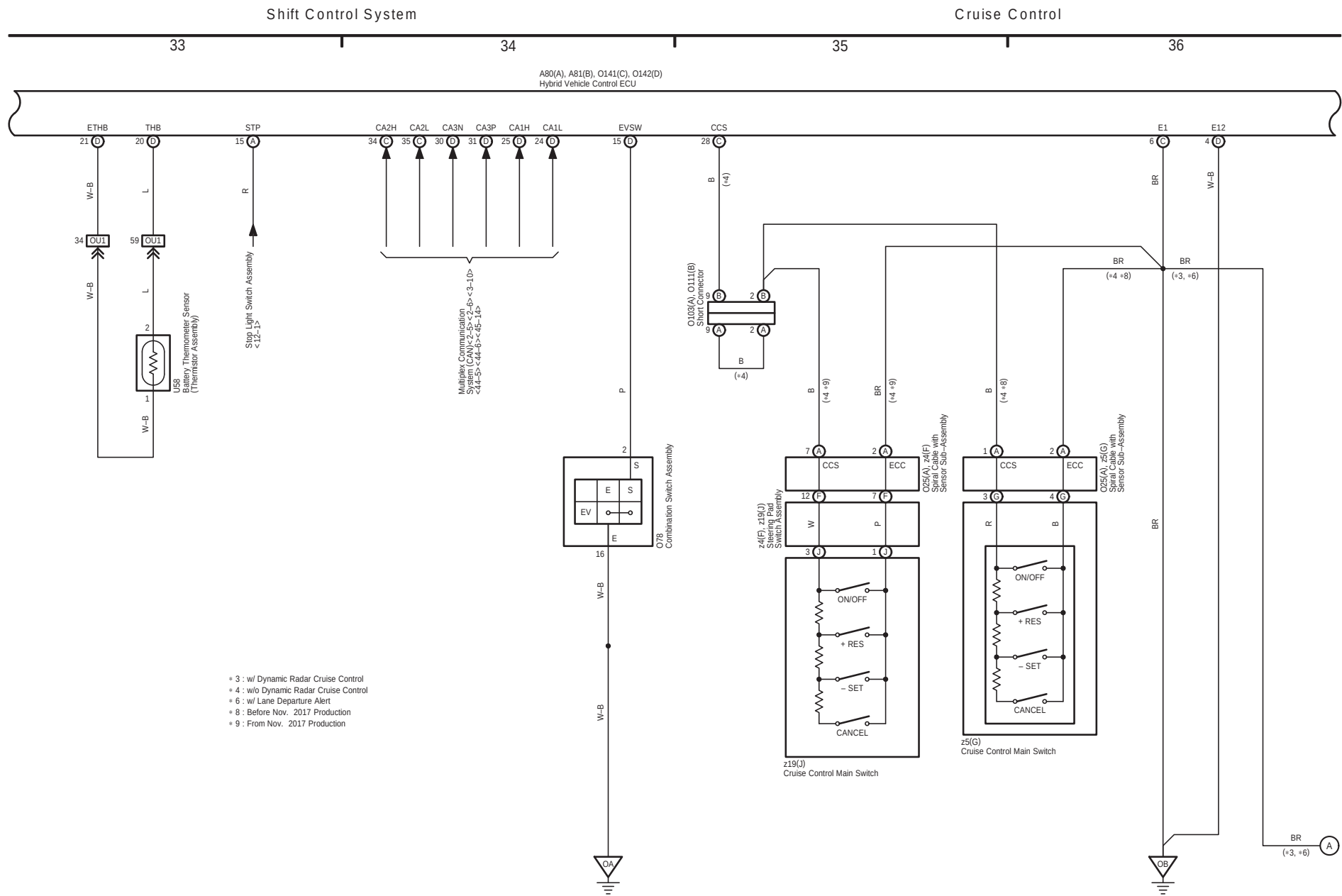
Shift Control System

* 8 : Before Nov. 2017 Production
* 9 : From Nov. 2017 Production

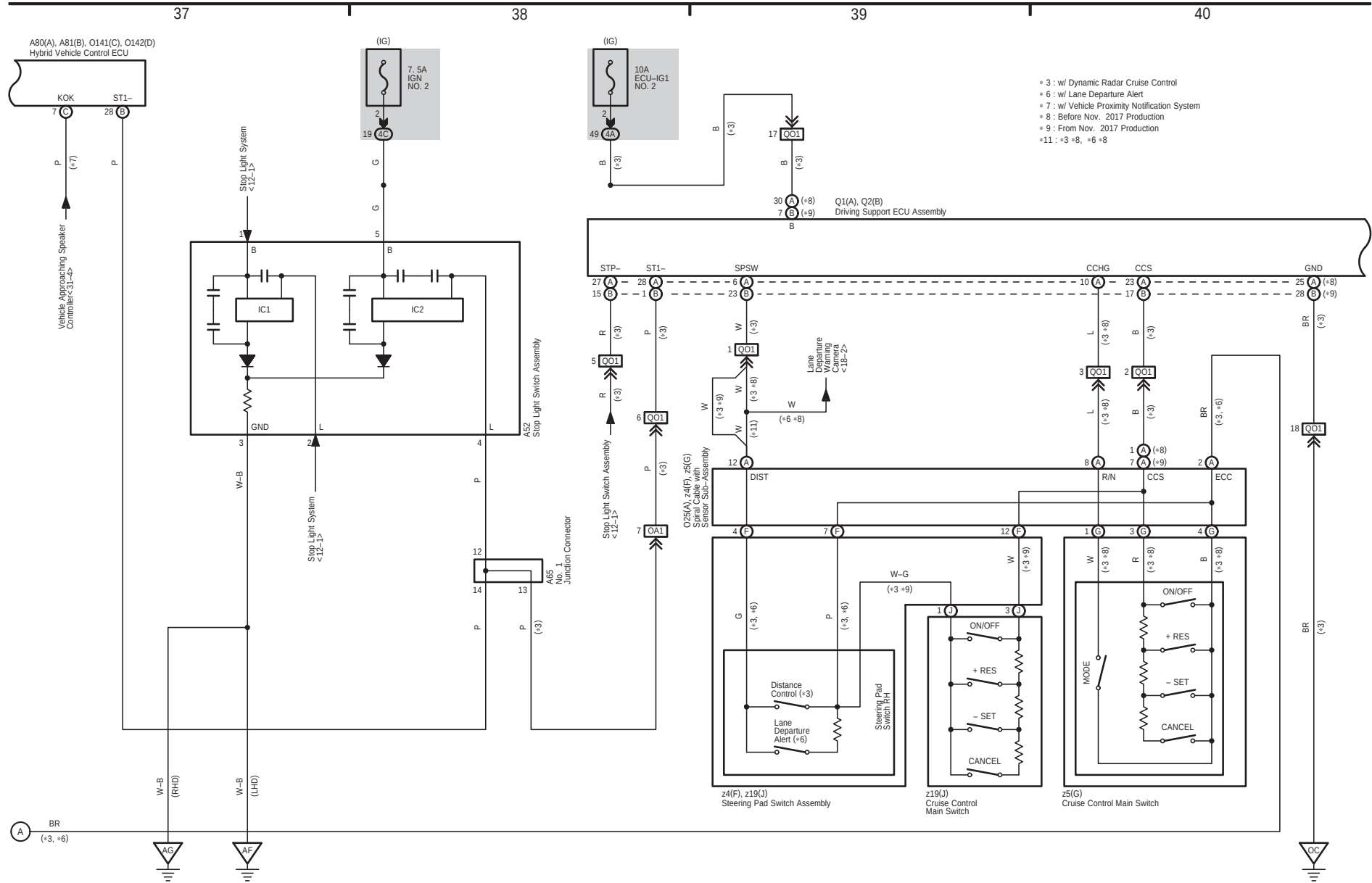


Shift Control System



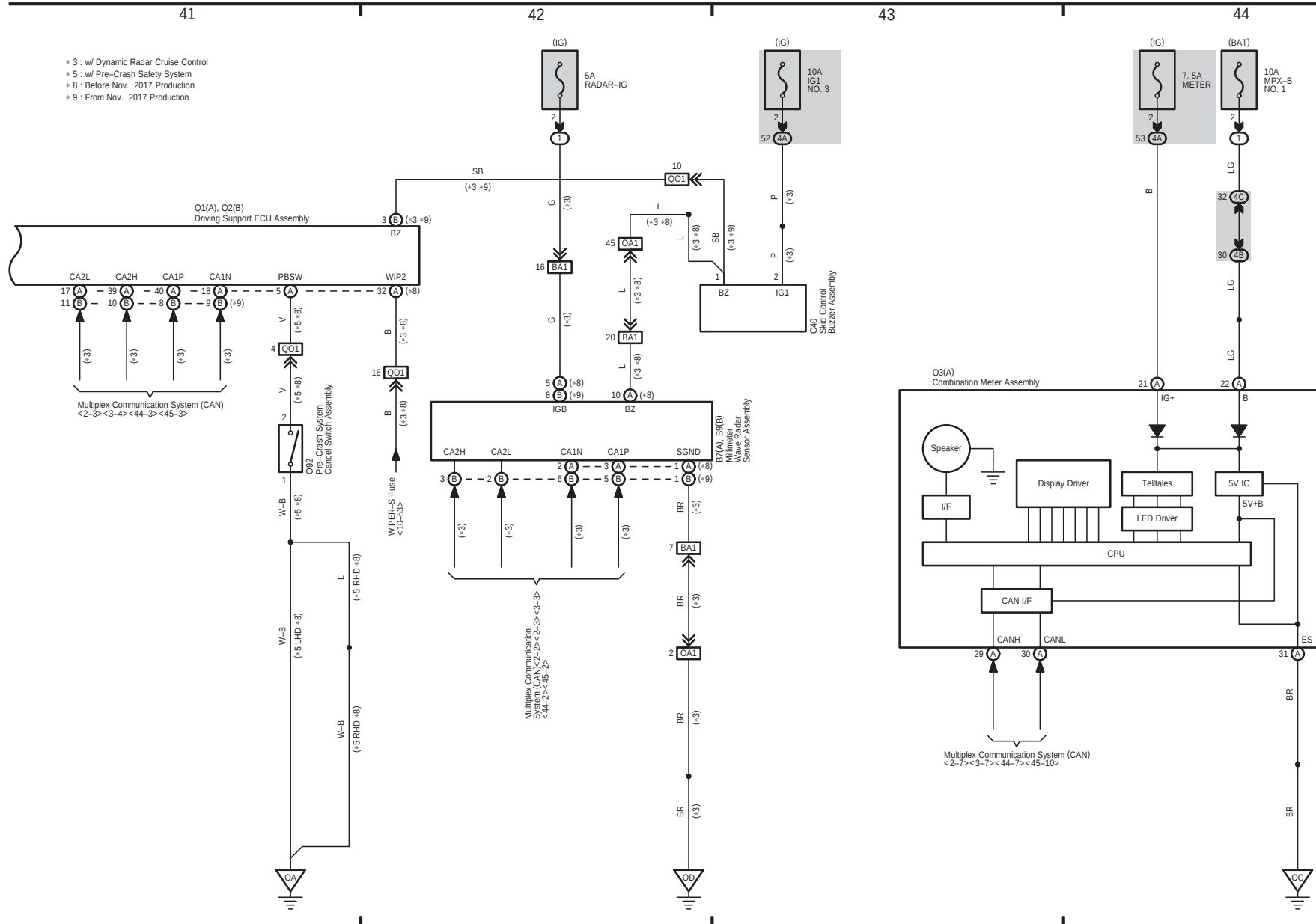


Dynamic Radar Cruise Control, Pre-Crash Safety System (Before Nov. 2017 Production),
Pre-Collision System (From Nov. 2017 Production)

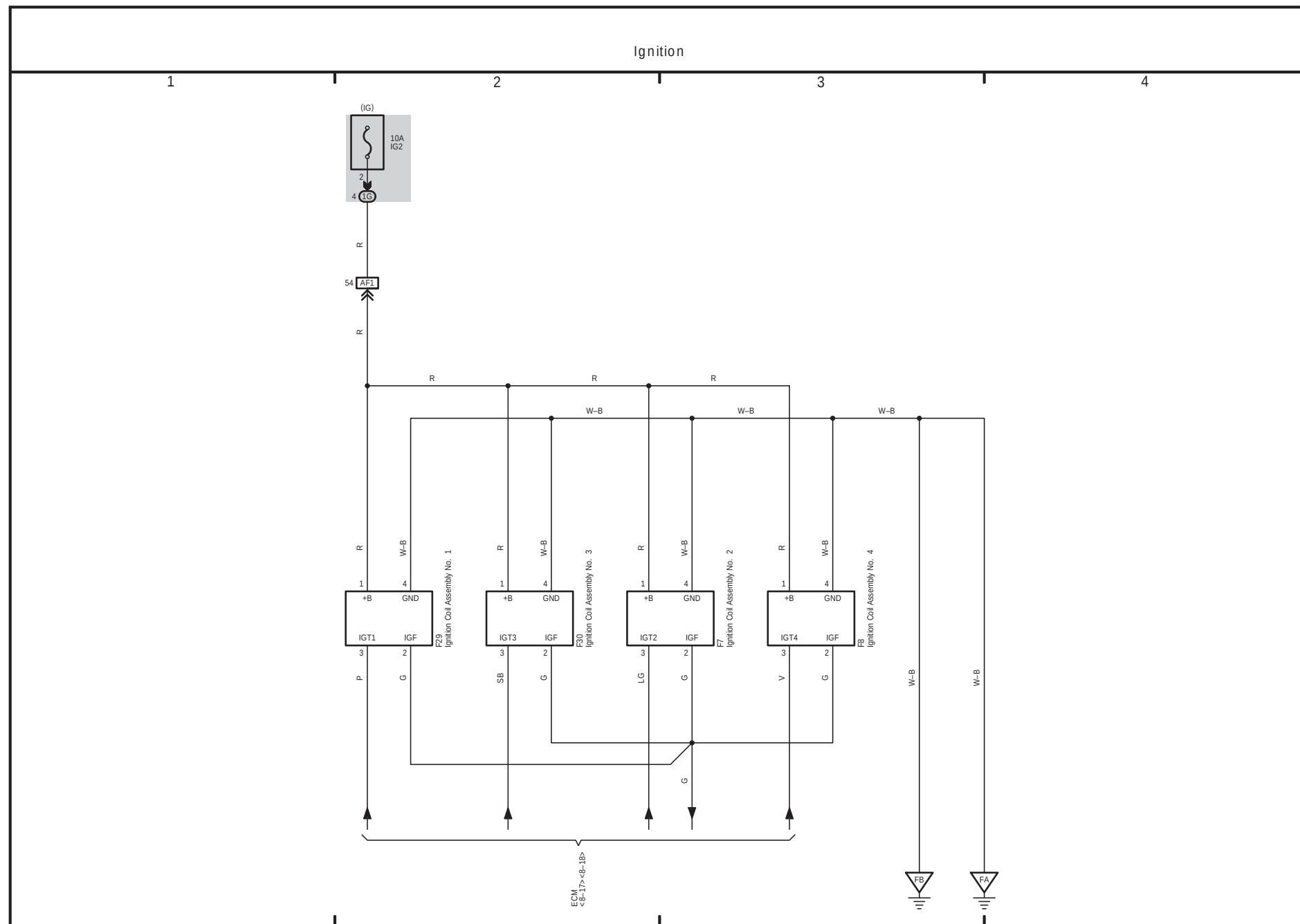


6 RC 300h (Cont' d)

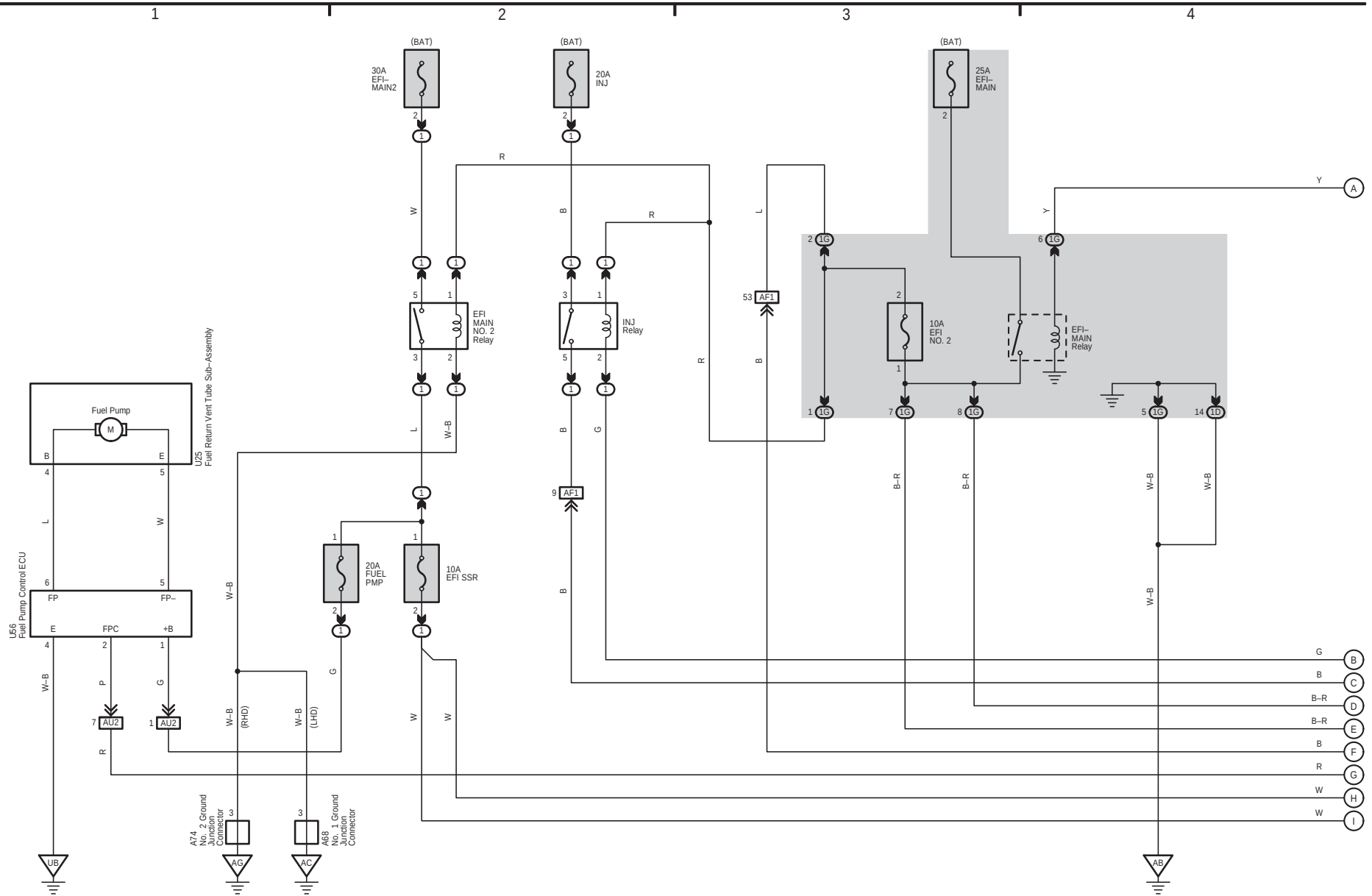
Dynamic Radar Cruise Control, Pre-Crash Safety System (Before Nov. 2017 Production), Pre-Collision System (From Nov. 2017 Production)



7 RC 300h



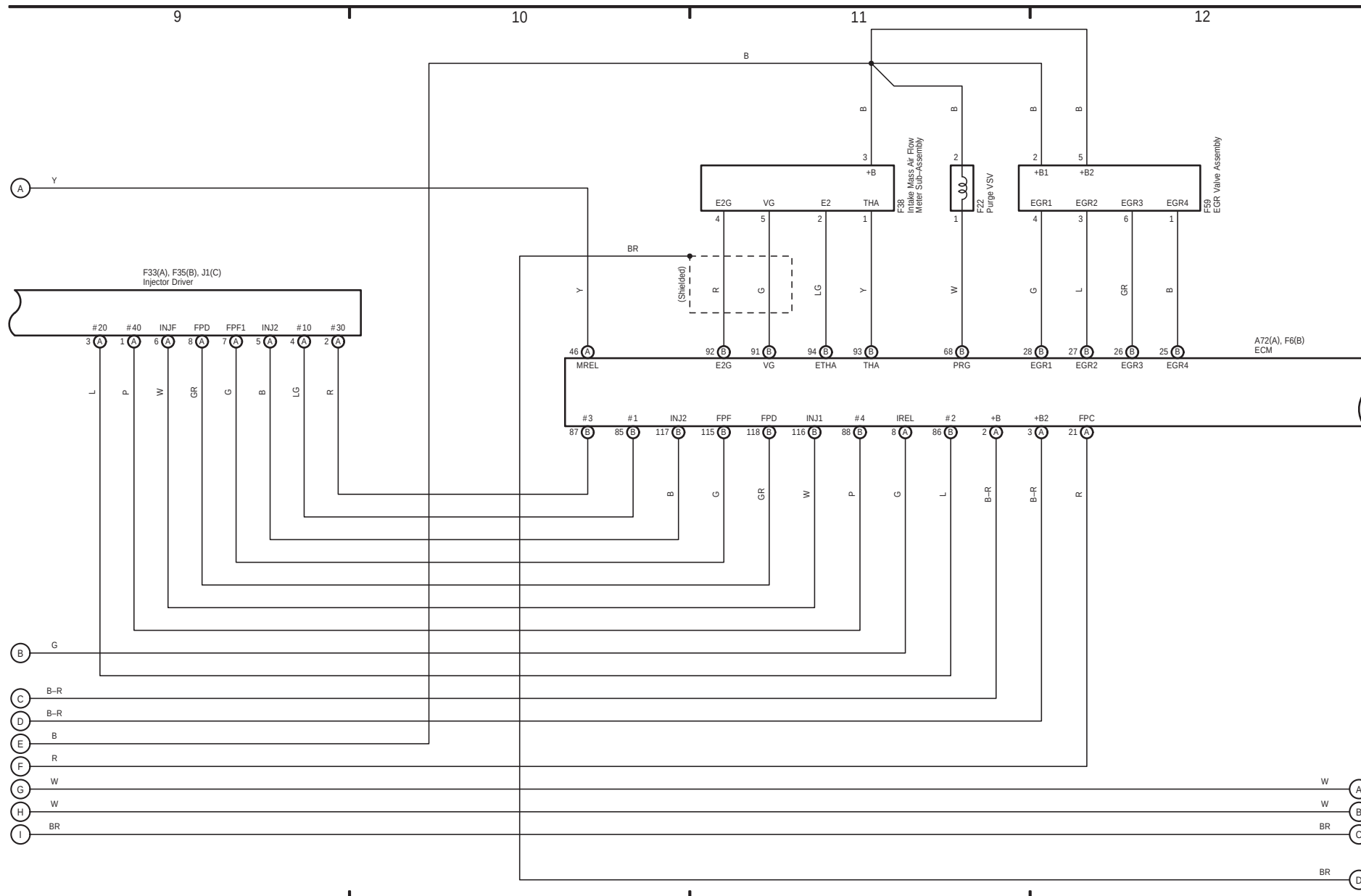
Engine Control



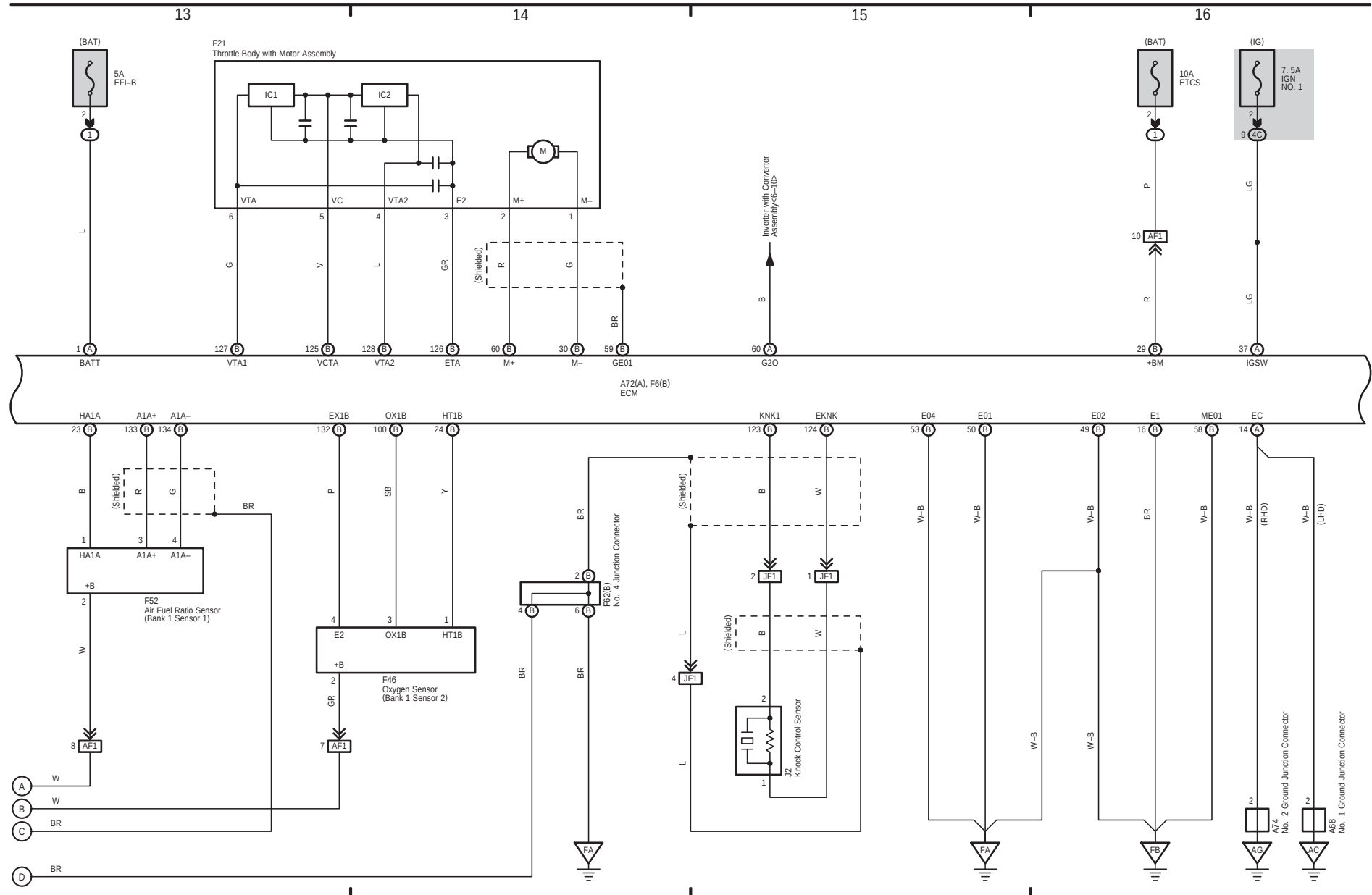
A horizontal number line with tick marks at 5, 6, 7, and 8. The numbers are written below the line.



Engine Control



Engine Control



17

18

19

20

The diagram illustrates the electrical system for the 2007 Toyota Camry Hybrid, specifically focusing on the engine and transmission components. It is divided into two main sections: the top section for the engine and the bottom section for the transmission.

Engine Section (Top):

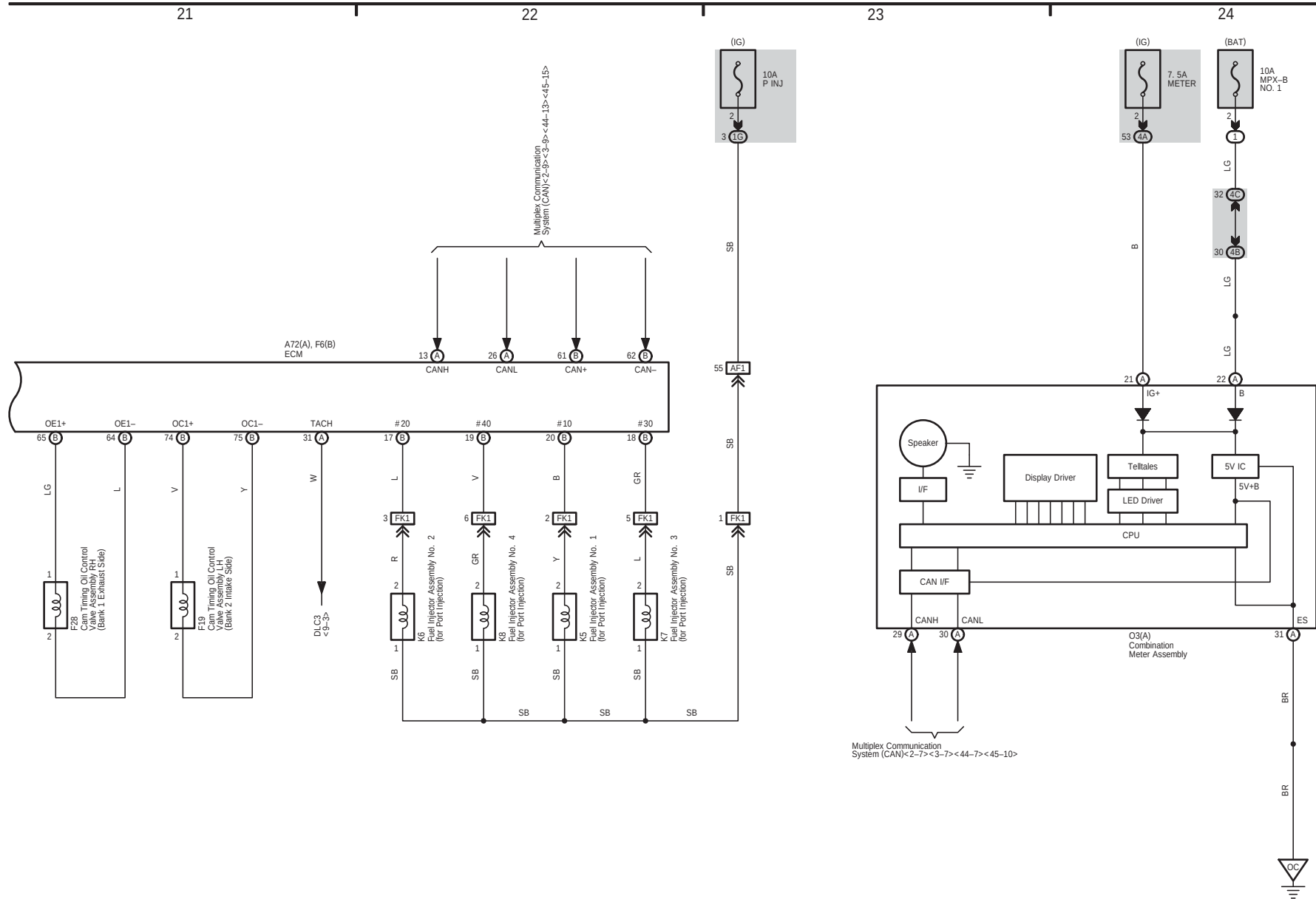
- Ignition Coil Assemblies:** Labeled with codes C, P, SB, LG, and V, connected to terminals 51 (IGF1), 57 (IGT1), 55 (IGT3), 56 (IGT2), and 54 (IGT4) respectively.
- Cooling Fan ECU:** Labeled with code G, connected to terminal 44 (RFC).
- F11 E. F. I. Vacuum Sensor Assembly:** Includes terminals VC (3), E2 (2), and PIM (1), connected to terminals 78 (VCPM), 80 (EPIM), and 79 (PIM) respectively.
- ECM:** Labeled A72(A), F6(B) ECM.

Transmission Section (Bottom):

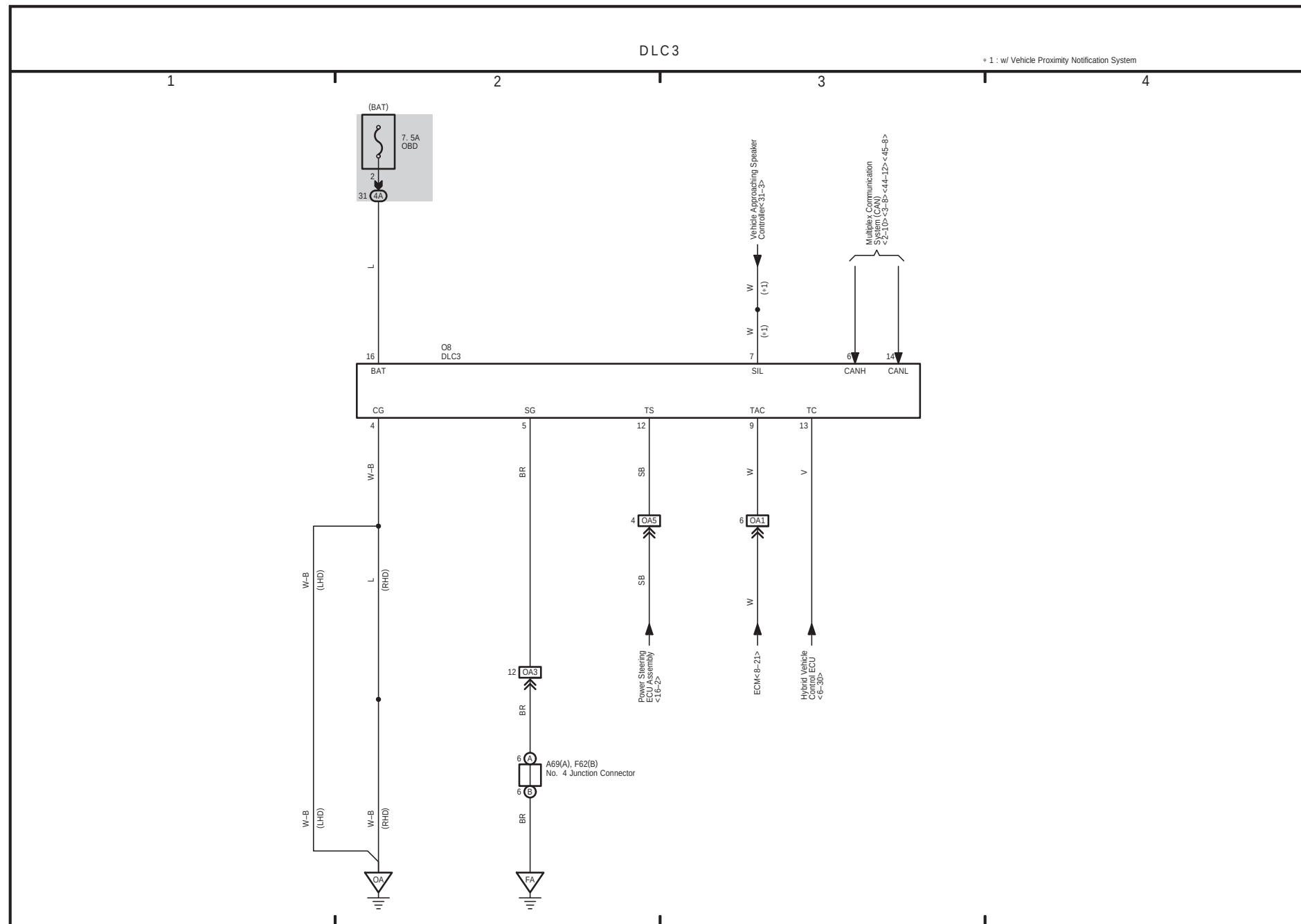
- F40 Fuel Pressure Sensor:** Labeled with code L, connected to terminal 101 (PR) and 102 (VCPM).
- F49 E. F. I. Engine Coolant Temperature Sensor:** Labeled with code B, connected to terminal 95 (THW) and 96 (ETHW).
- F32 VVT Sensor (Bank 1 Exhaust Side):** Labeled with codes P and W, connected to terminals 81 (EVE+) and 112 (EVE-).
- F13 VVT Sensor (Bank 2 Intake Side):** Labeled with code V, connected to terminals 82 (VVE+) and 114 (VVE-).
- F66 Crank Position Sensor:** Labeled with code BR, connected to terminals 76 (NE+) and 109 (NE-).
- O78 Combination Switch Assembly:** Includes terminals SPCN (99), PWMS (9), SPSW (42), and SNWI (43), connected to terminals 50 (AF1), 28 (OA1), 22 (OA1), and 21 (OA1) respectively.
- ECM:** Labeled A69(A), F62(B) No. 4 Junction Connector.

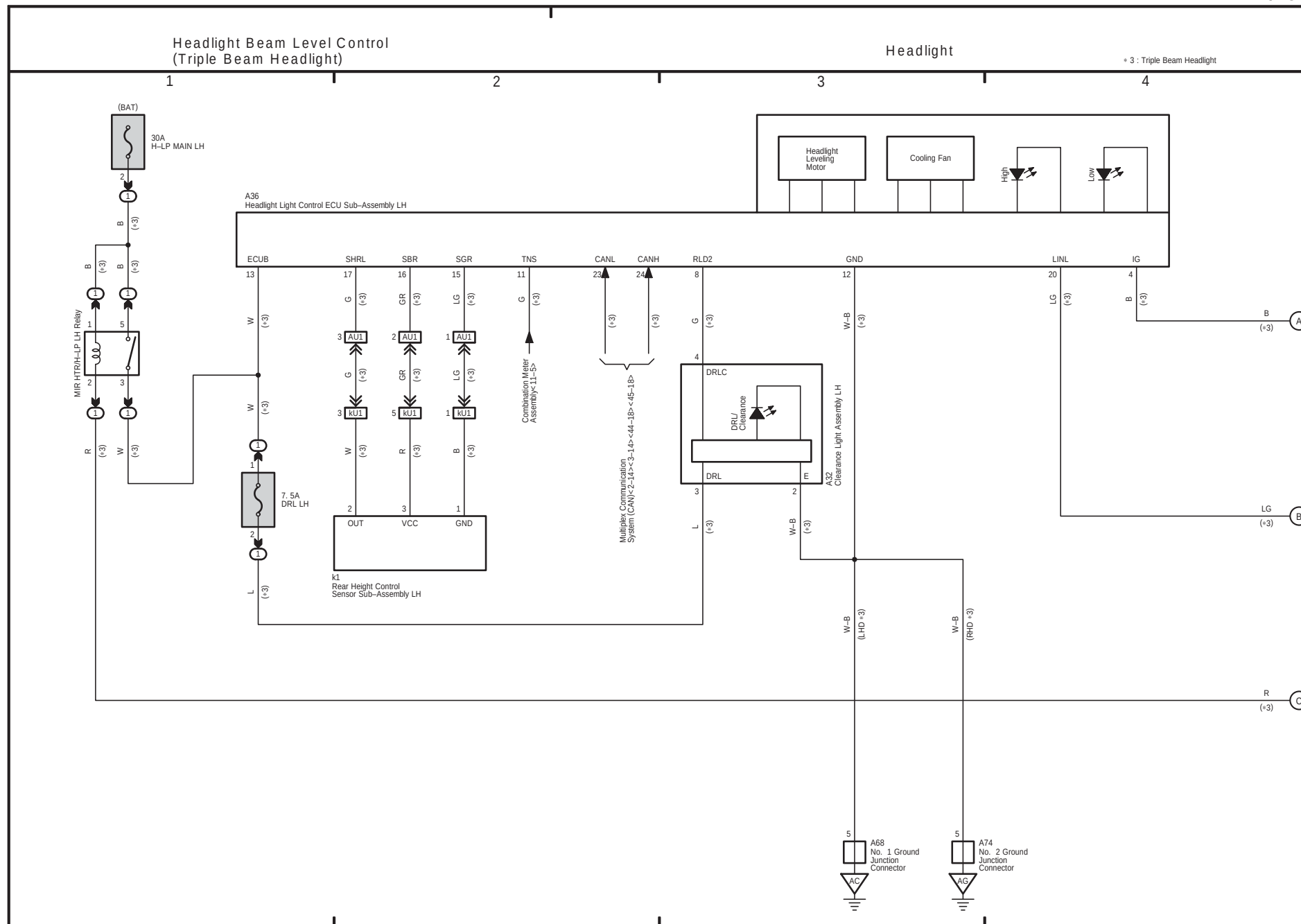
The diagram also shows various other components and their connections, including the A72(A), F6(B) ECM, the A69(A), F62(B) No. 4 Junction Connector, and the O78 Combination Switch Assembly.

Engine Control



9 RC 300h



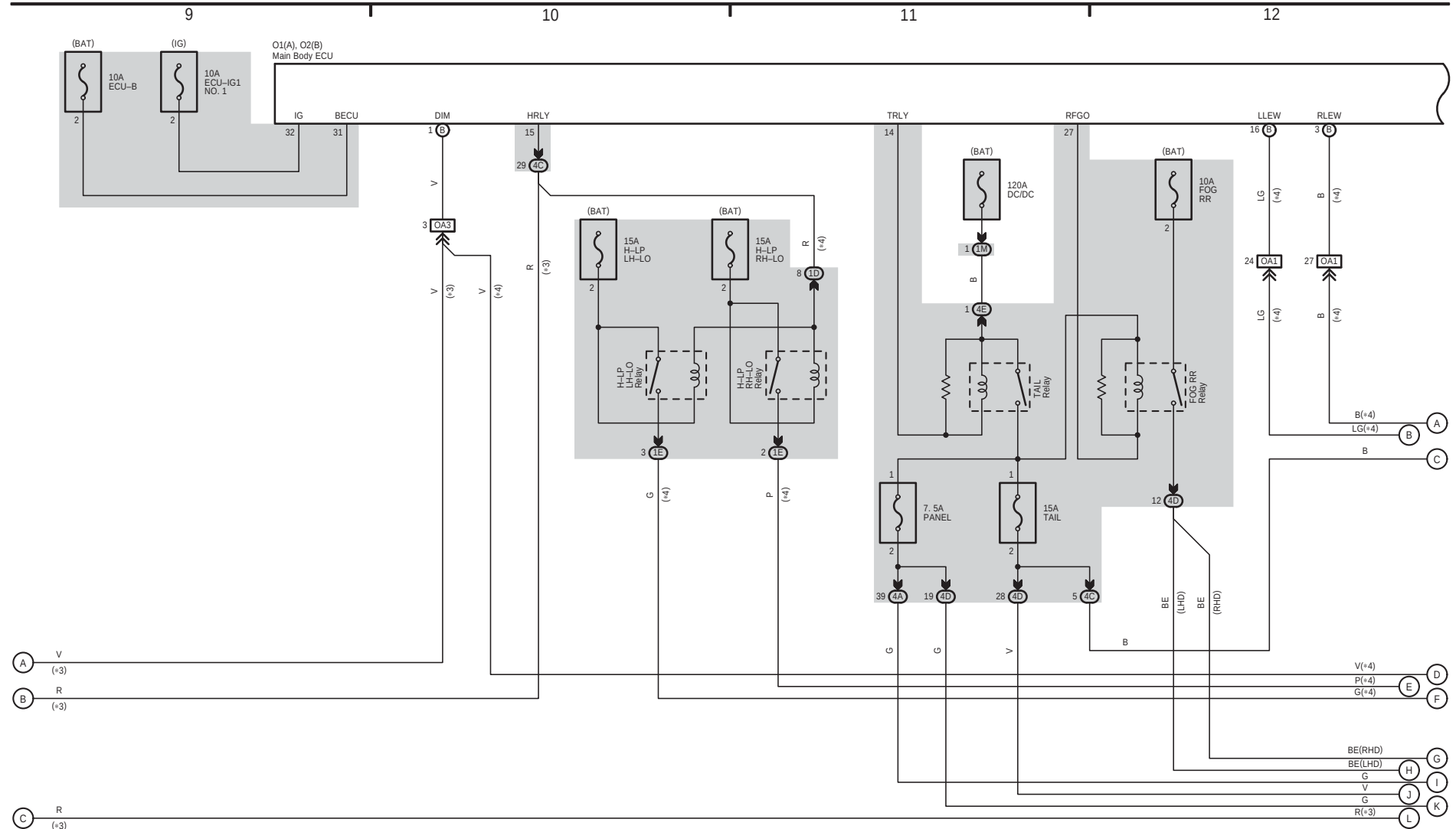


* 3 : Triple Beam Headlight

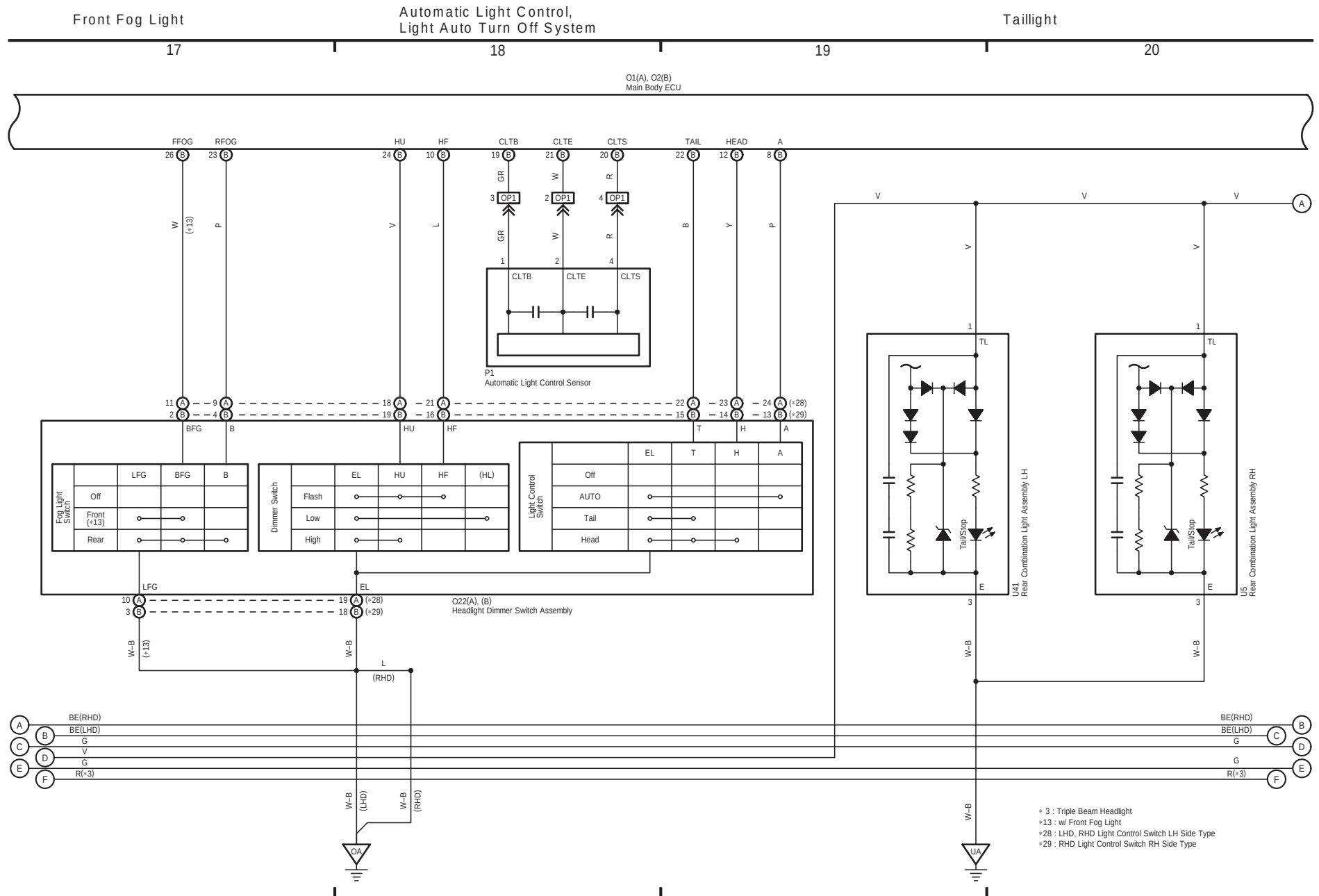


Headlight

* 3 : Triple Beam Headlight
 * 4 : Single Beam Headlight





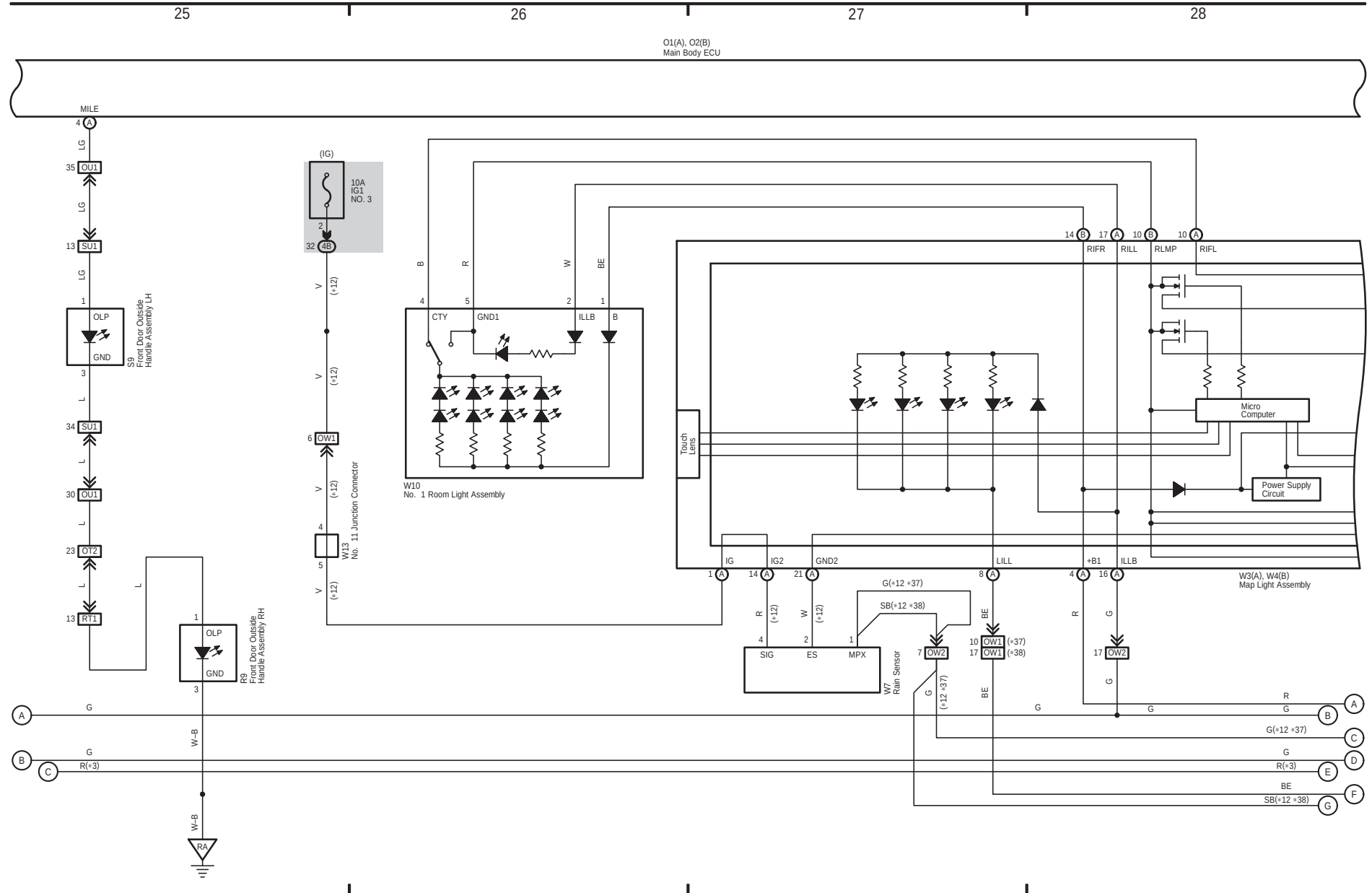


Interior Light

24

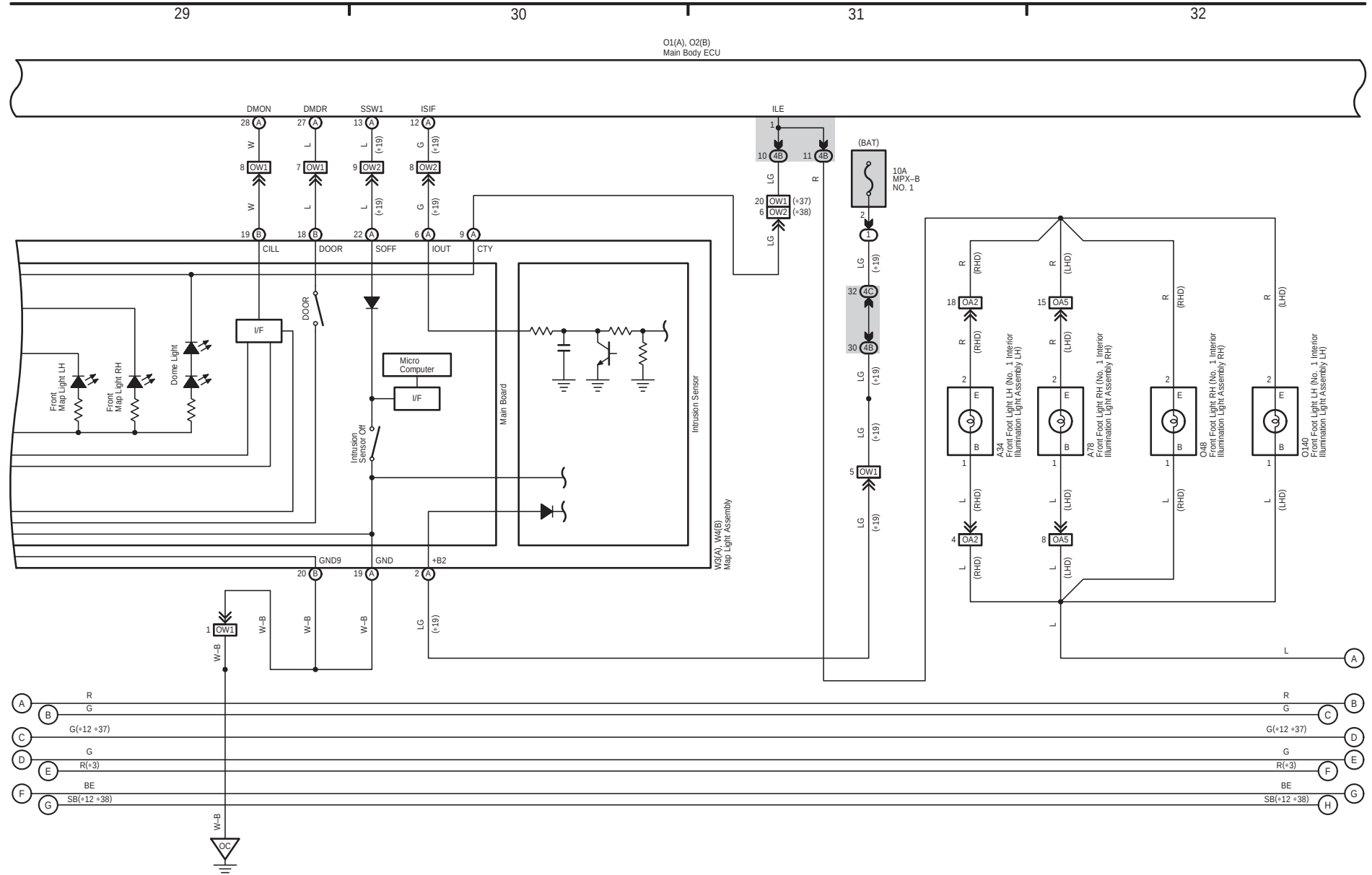


O1(A), O2(B)
Main Body ECU

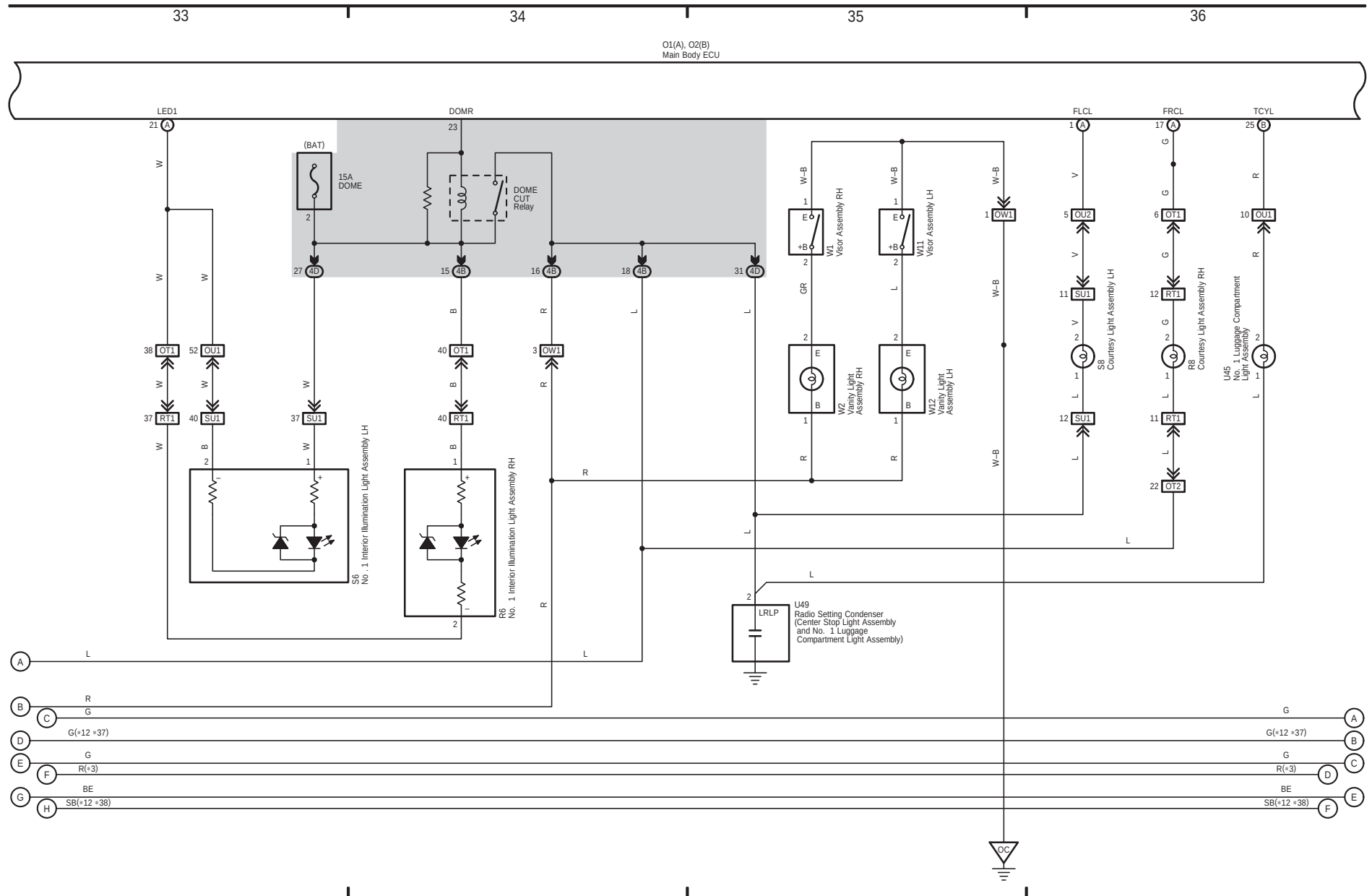


- * 3 : Triple Beam Headlight
- * 12 : w/ Auto Wiper System
- * 19 : w/ Intrusion Sensor

*37 : Before Nov. 2017 Production
*38 : From Nov. 2017 Production



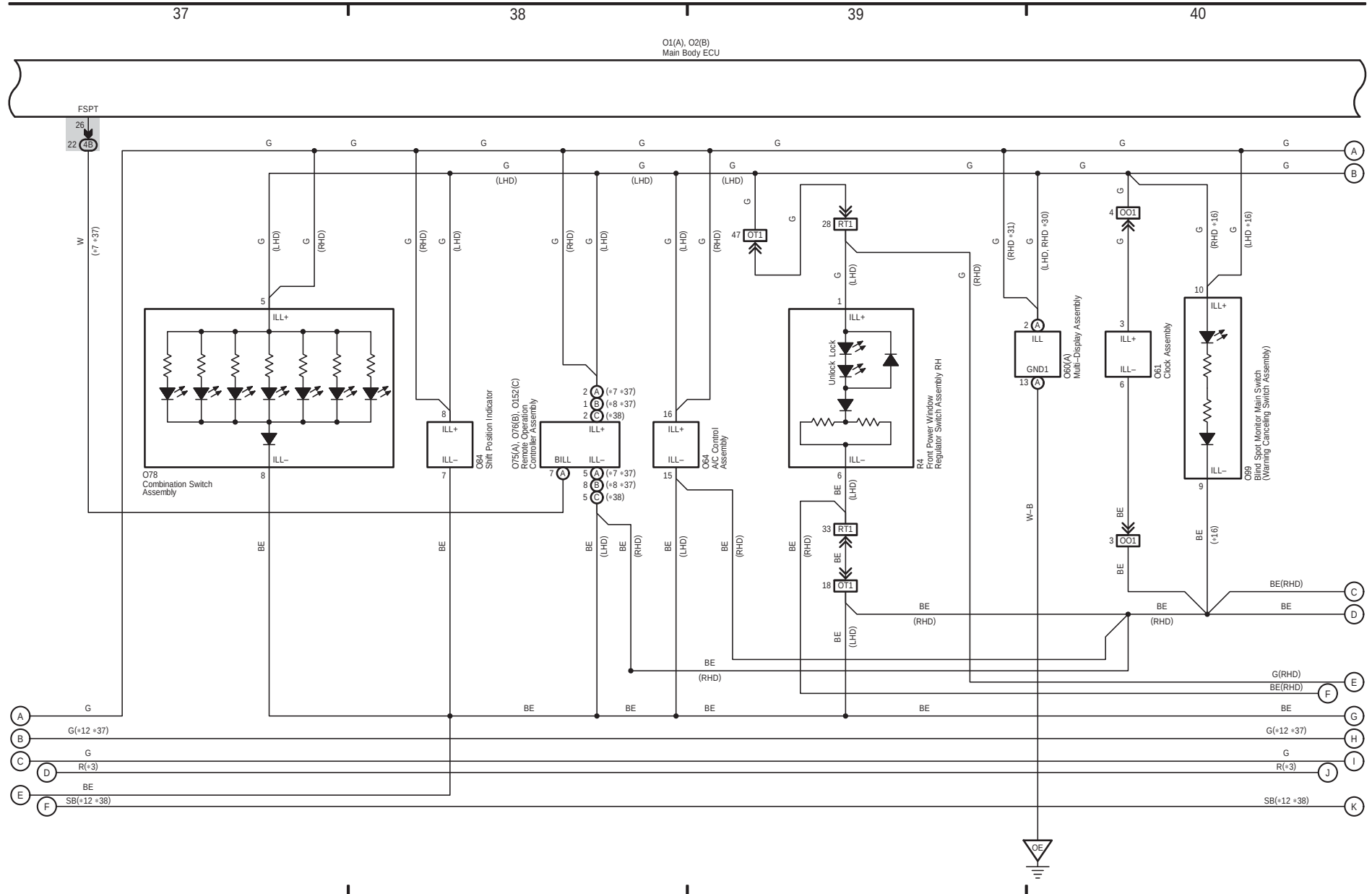
- * 3 : Triple Beam Headlight
- *12 : w/ Auto Wiper System
- *37 : Before Nov. 2017 Production
- *38 : From Nov. 2017 Production



Illumination

* 3 : Triple Beam Headlight
 * 7 : Except LEXUS Display Audio Type
 * 8 : LEXUS Display Audio Type
 * 12 : w/ Auto Wiper System
 * 16 : w/ Blind Spot Monitor System

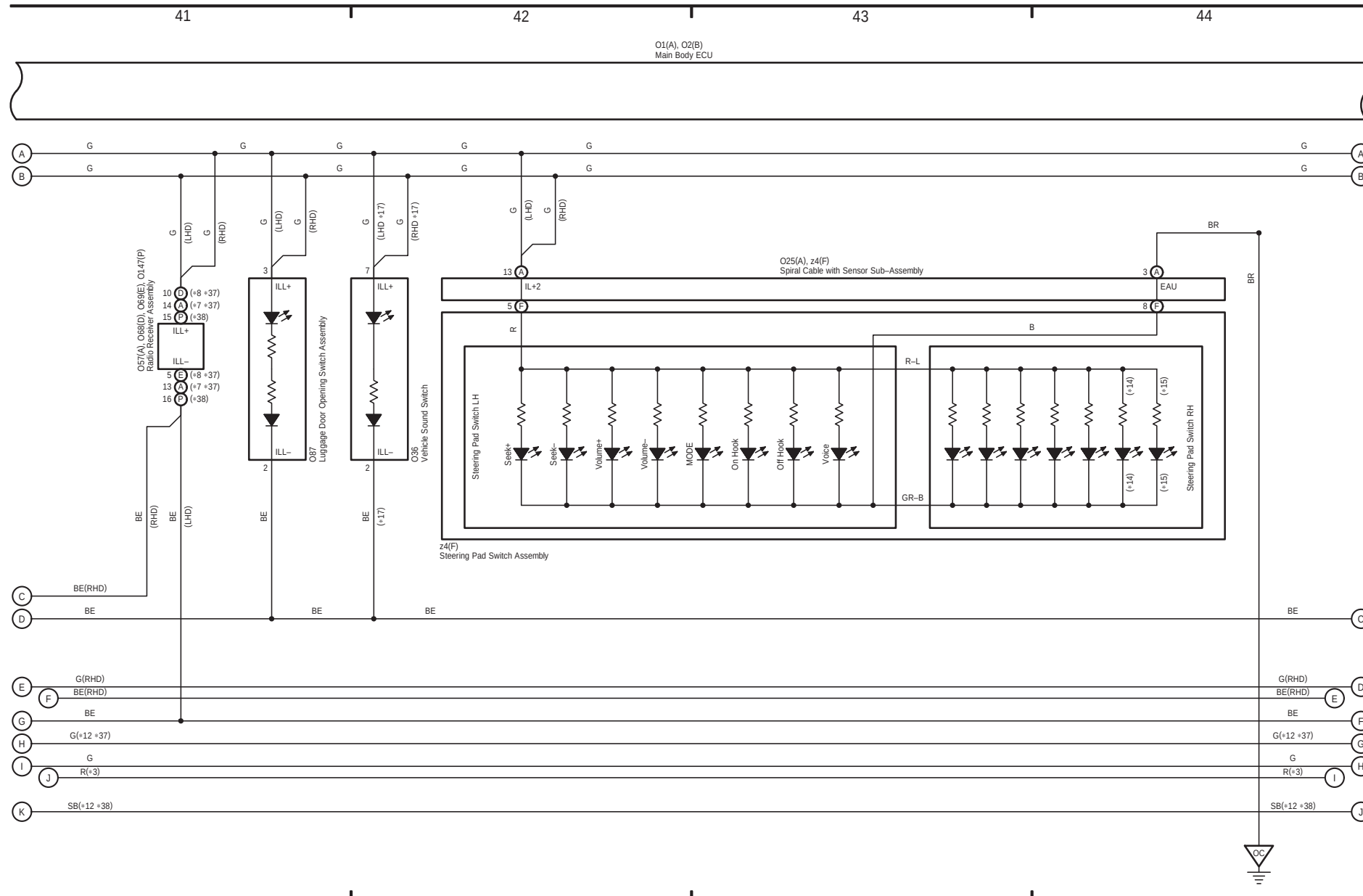
*30 : 6 Speaker
 *31 : Except *30
 *37 : Before Nov. 2017 Production
 *38 : From Nov. 2017 Production



Illumination

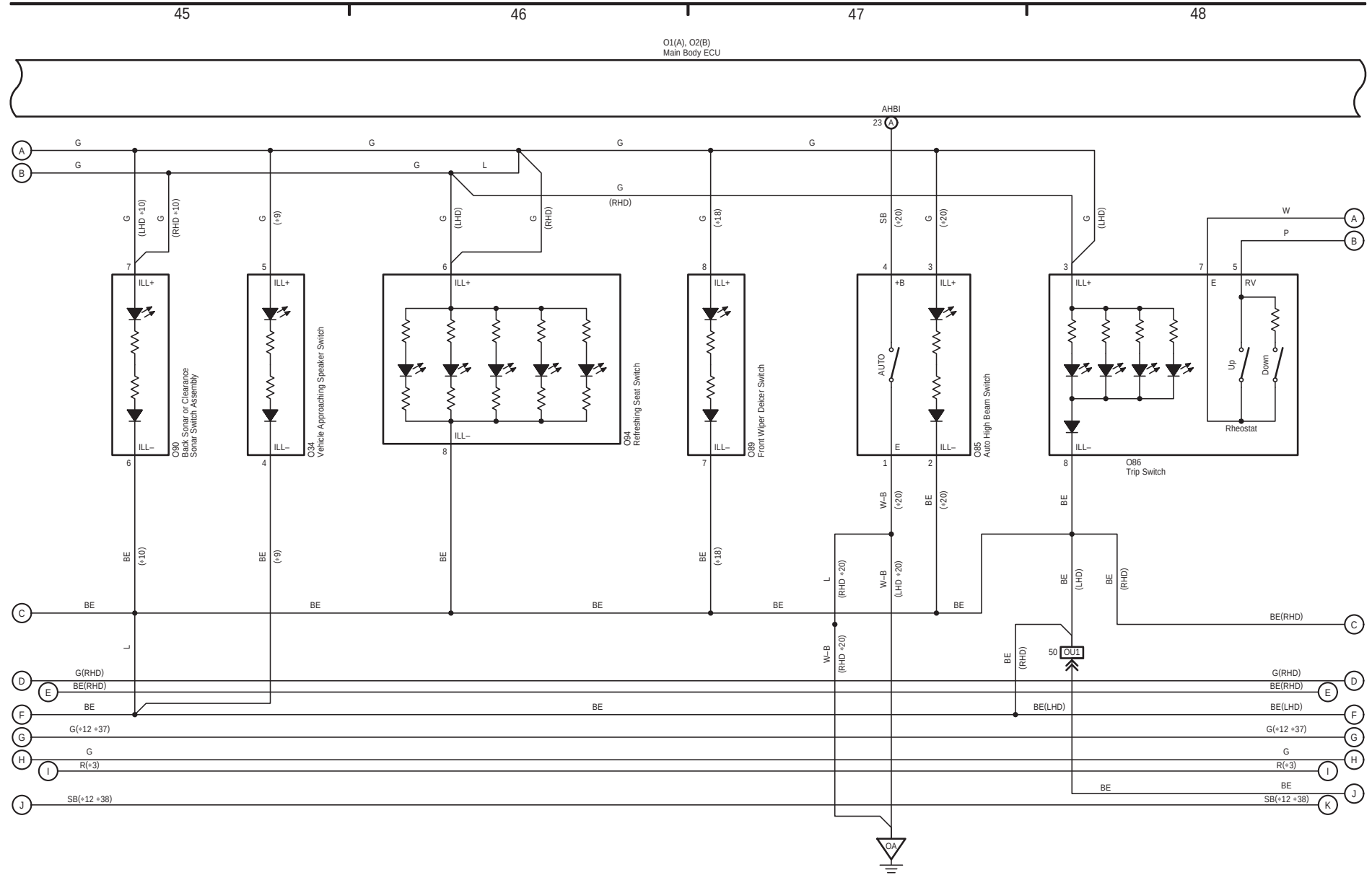
* 3 : Triple Beam Headlight
 * 7 : Except LEXUS Display Audio Type
 * 8 : LEXUS Display Audio Type
 * 12 : w/ Auto Wiper System
 * 14 : w/ Dynamic Radar Cruise Control

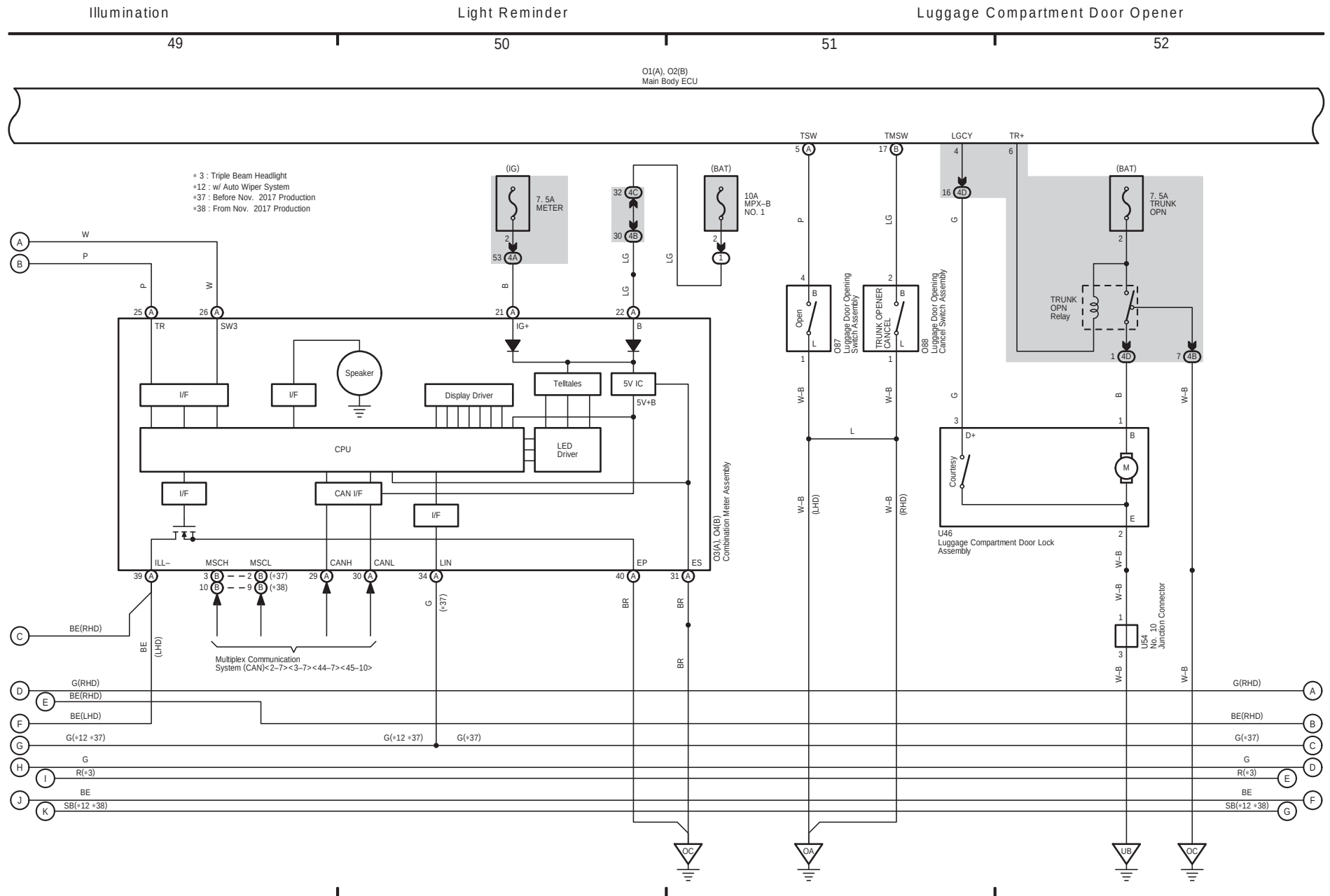
* 15 : w/ Lane Departure Alert
 * 17 : w/ ASC
 * 37 : Before Nov. 2017 Production
 * 38 : From Nov. 2017 Production



- * 3 : Triple Beam Headlight
- * 9 : Vehicle Proximity Notification System
- *10 : w/ LEXUS Parking Assist-Sensor System
- *12 : w/ Auto Wiper System

- *18 : w/ Front Window Deicer
- *20 : w/ Automatic High Beam System
- *37 : Before Nov. 2017 Production
- *38 : From Nov. 2017 Production

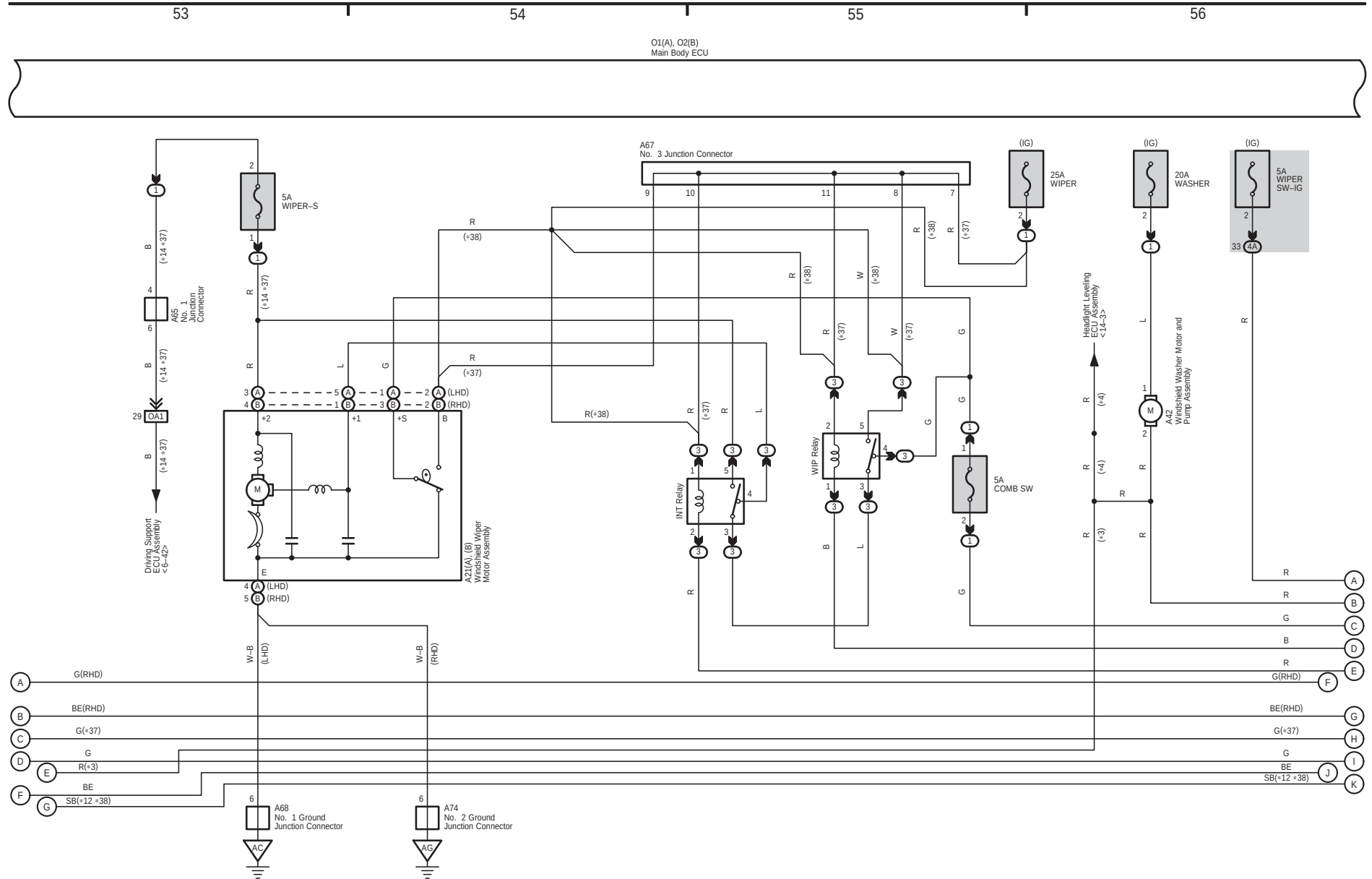




Wiper and Washer

* 3 : Triple Beam Headlight
 * 4 : Single Beam Headlight
 * 12 : w/ Auto Wiper System

* 14 : w/ Dynamic Radar Cruise Control
 * 37 : Before Nov. 2017 Production
 * 38 : From Nov. 2017 Production

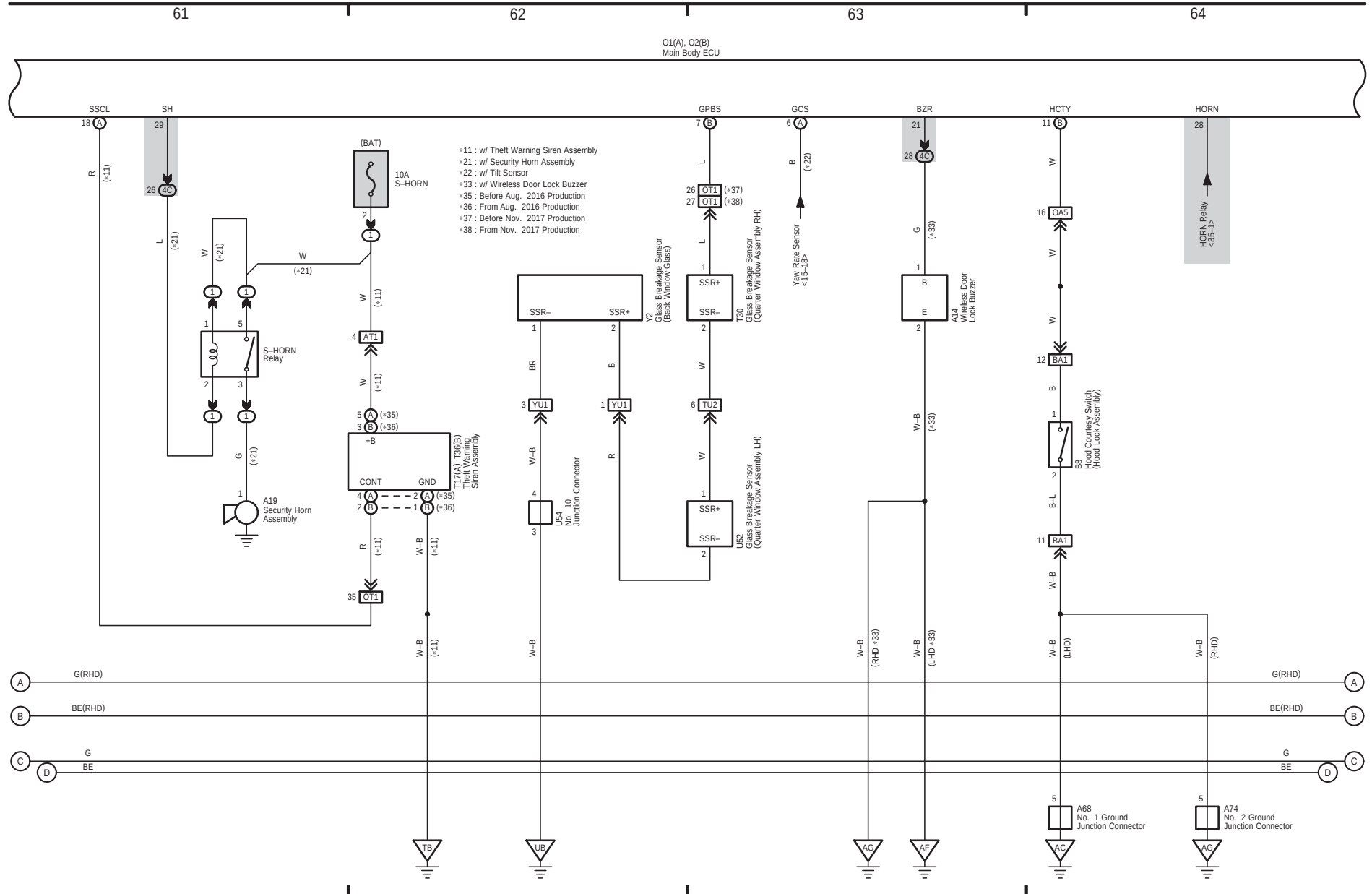


- *12 : w/ Auto Wiper System
- *28 : LHD, RHD Light Control Switch LH Side Type
- *29 : RHD Light Control Switch RH Side Type
- *37 : Before Nov. 2017 Production
- *38 : From Nov. 2017 Production



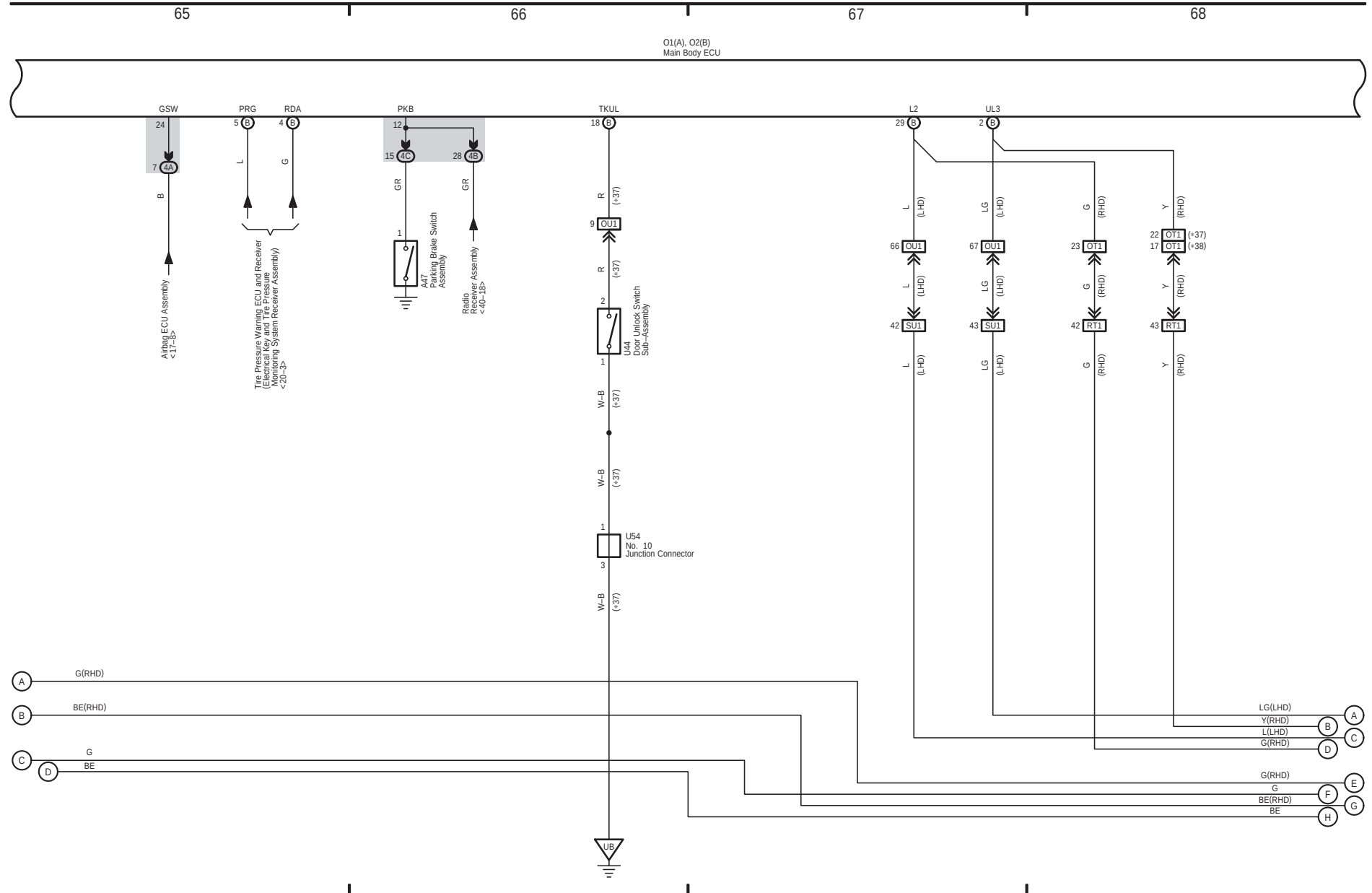
Theft Deterrent

Door Lock Control

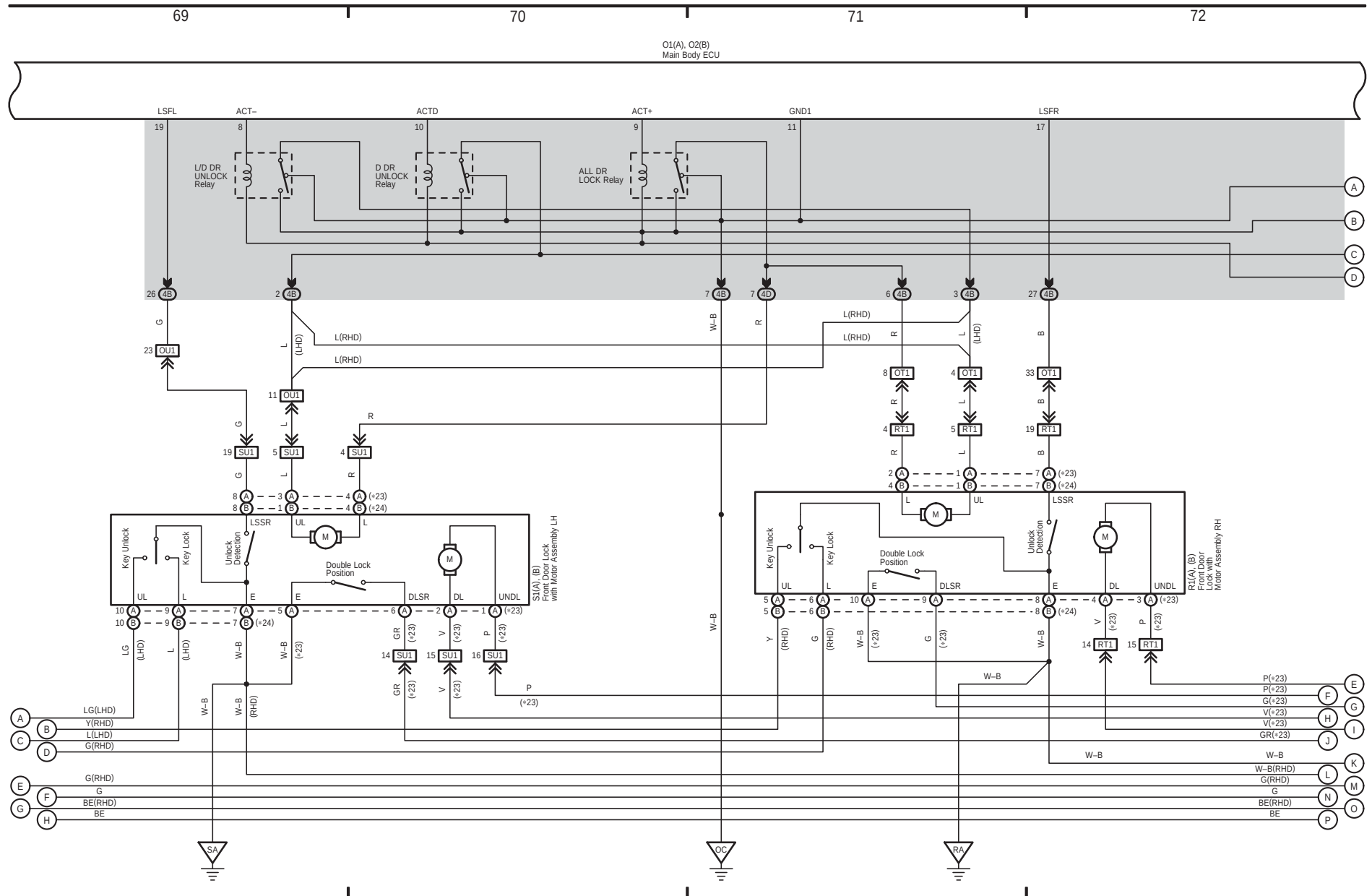


Door Lock Control

*37 : Before Nov. 2017 Production
 *38 : From Nov. 2017 Production



*23 : w/ Double Locking
*24 : w/o Double Locking





- *23 : w/ Double Locking
- *32 : w/ Sliding Roof
- *37 : Before Nov. 2017 Production
- *38 : From Nov. 2017 Production

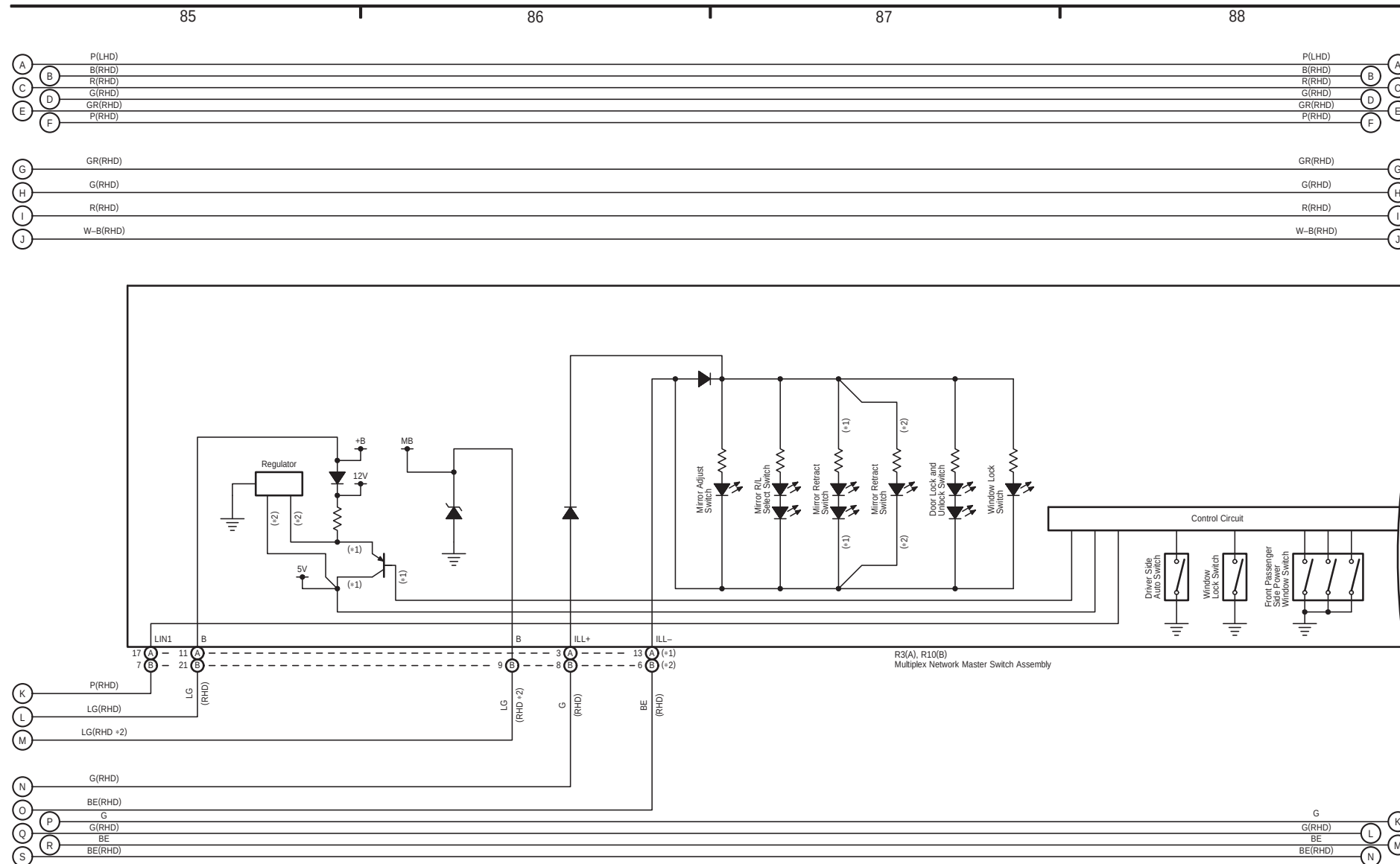


* 2 : w/o Seat Position Memory



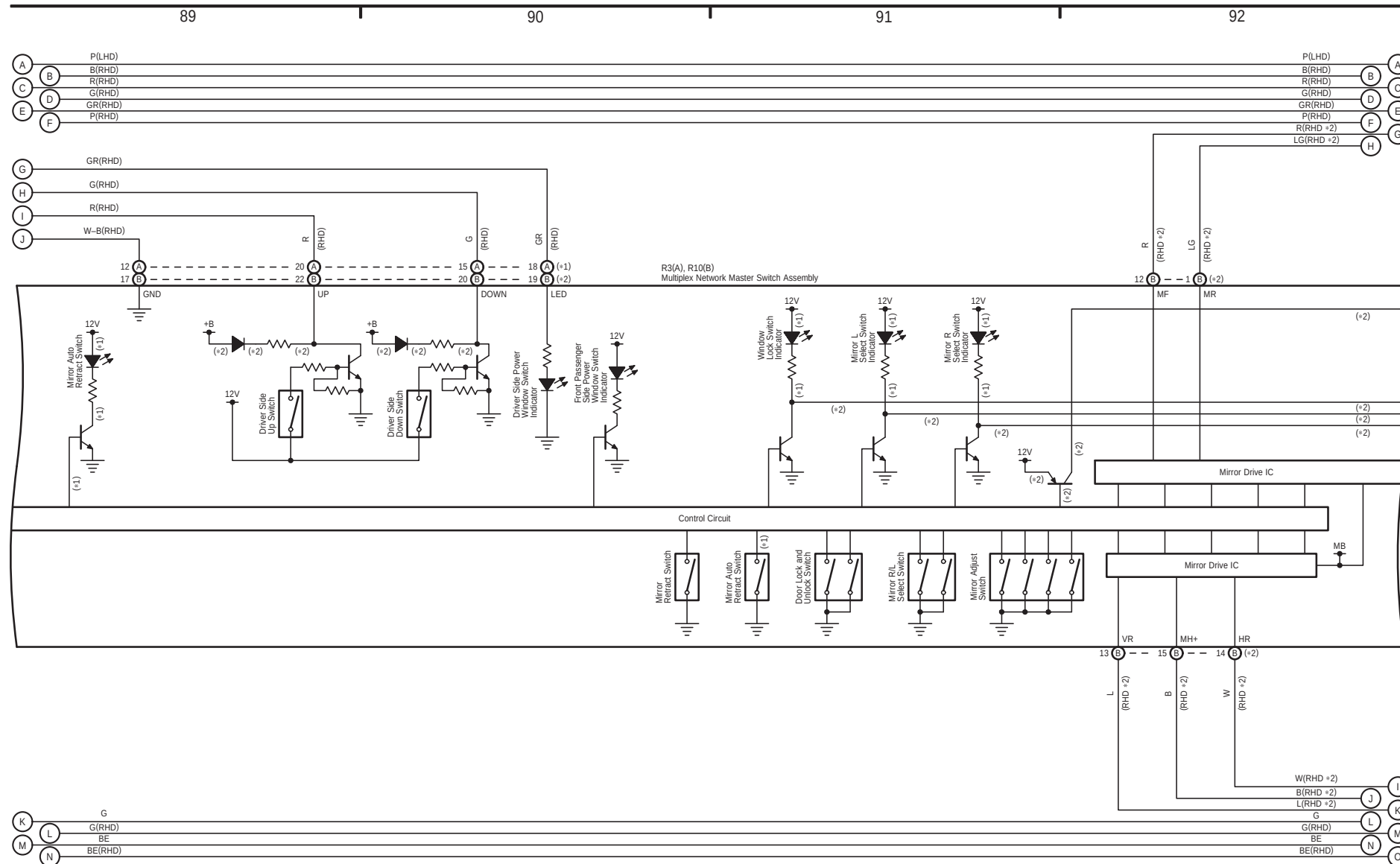
Power Window (RHD)

* 1 : w/ Seat Position Memory
 * 2 : w/o Seat Position Memory



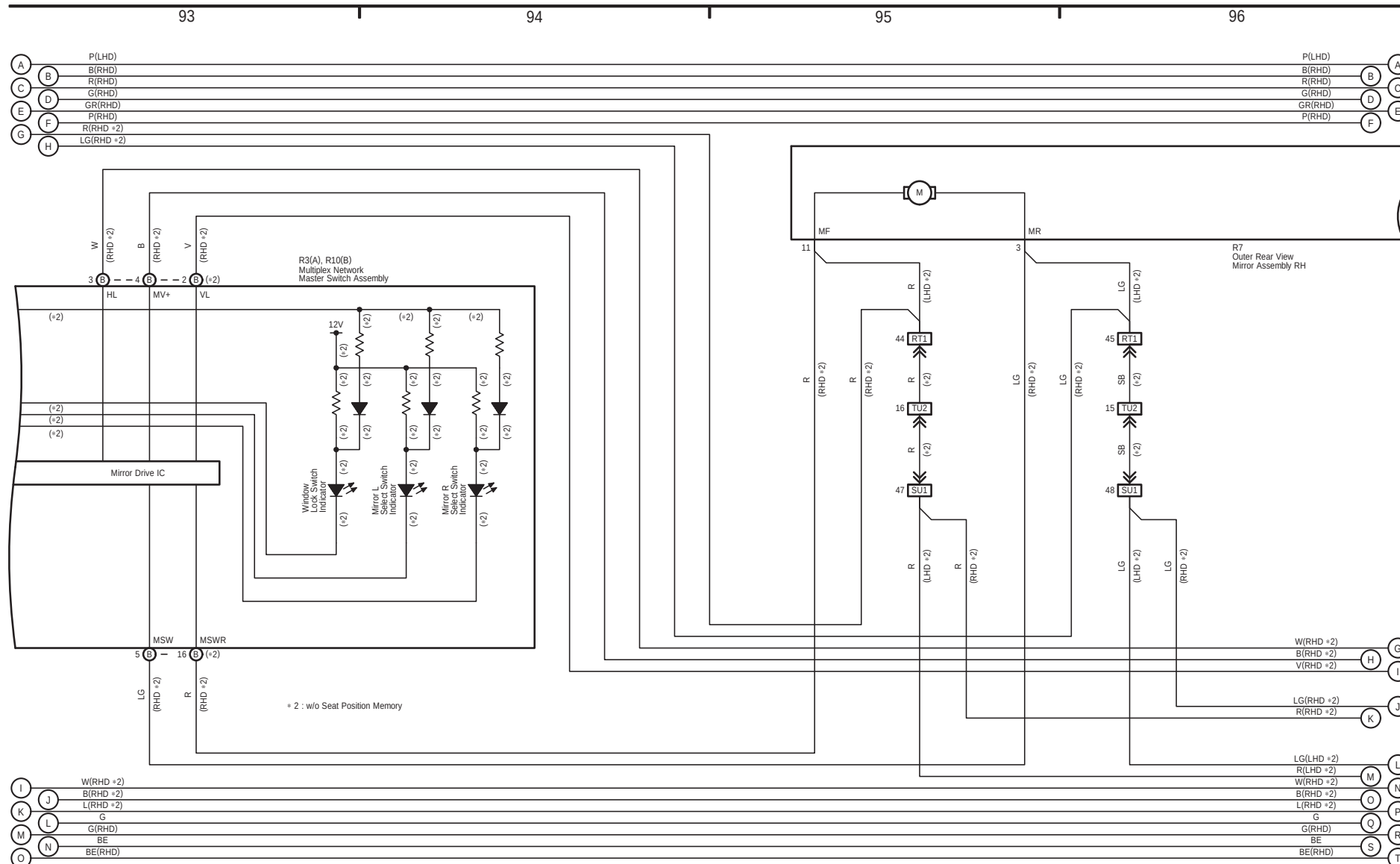
Power Window (RHD)

* 1 : w/ Seat Position Memory
 * 2 : w/o Seat Position Memory



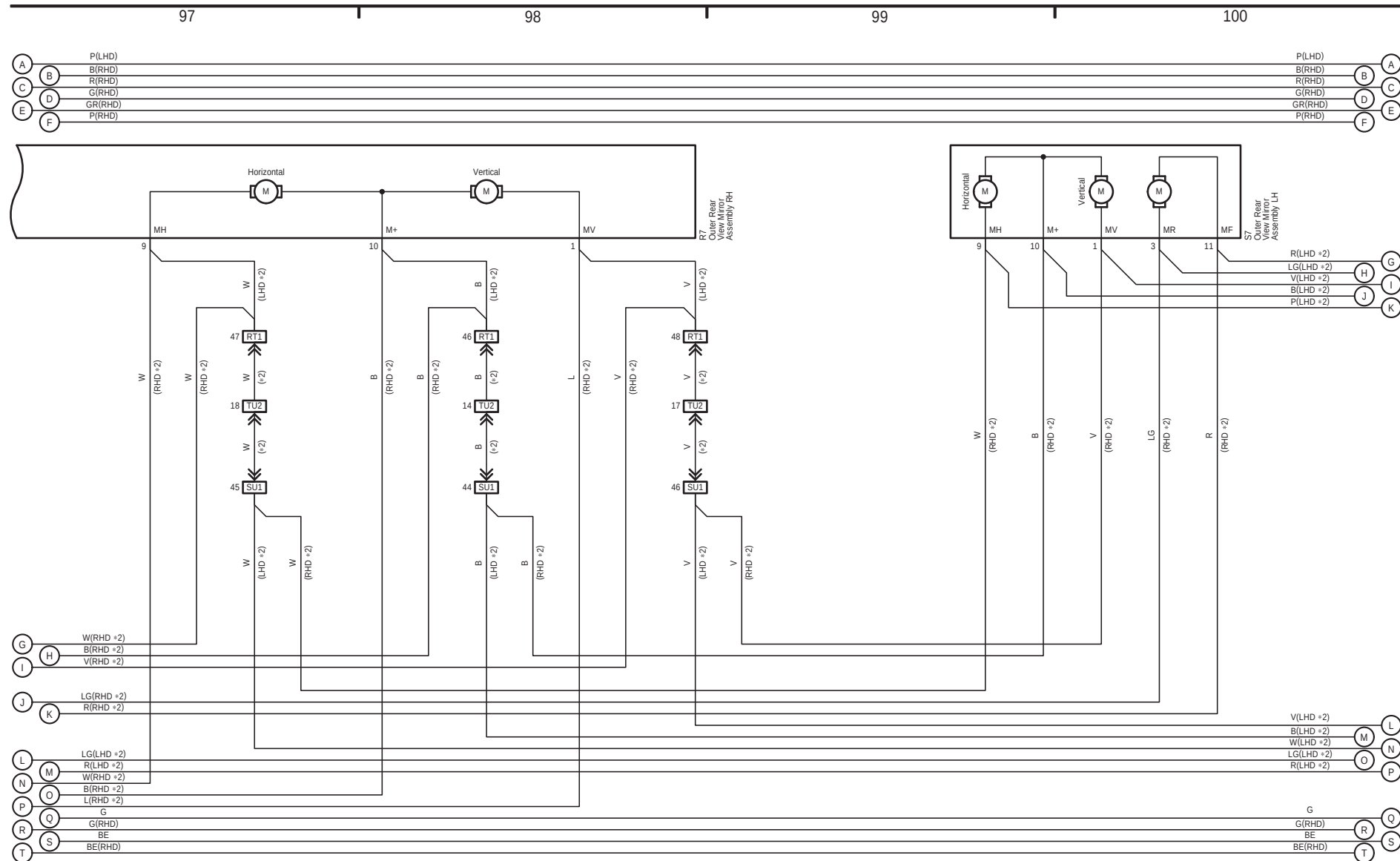
Power Window (RHD)

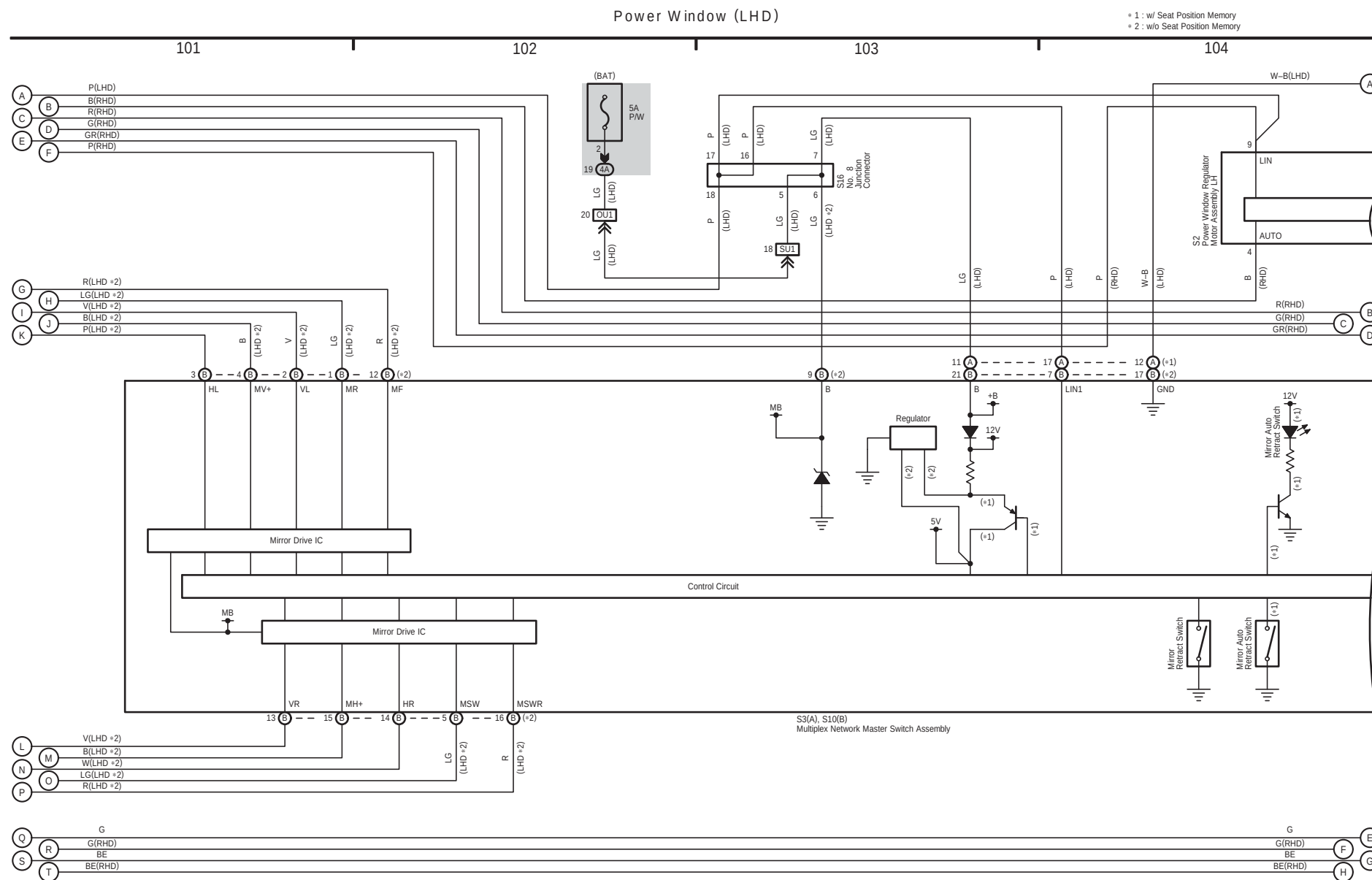
Remote Control Mirror (w/o Seat Position Memory)



Remote Control Mirror (w/o Seat Position Memory)

* 2 : w/o Seat Position Memory

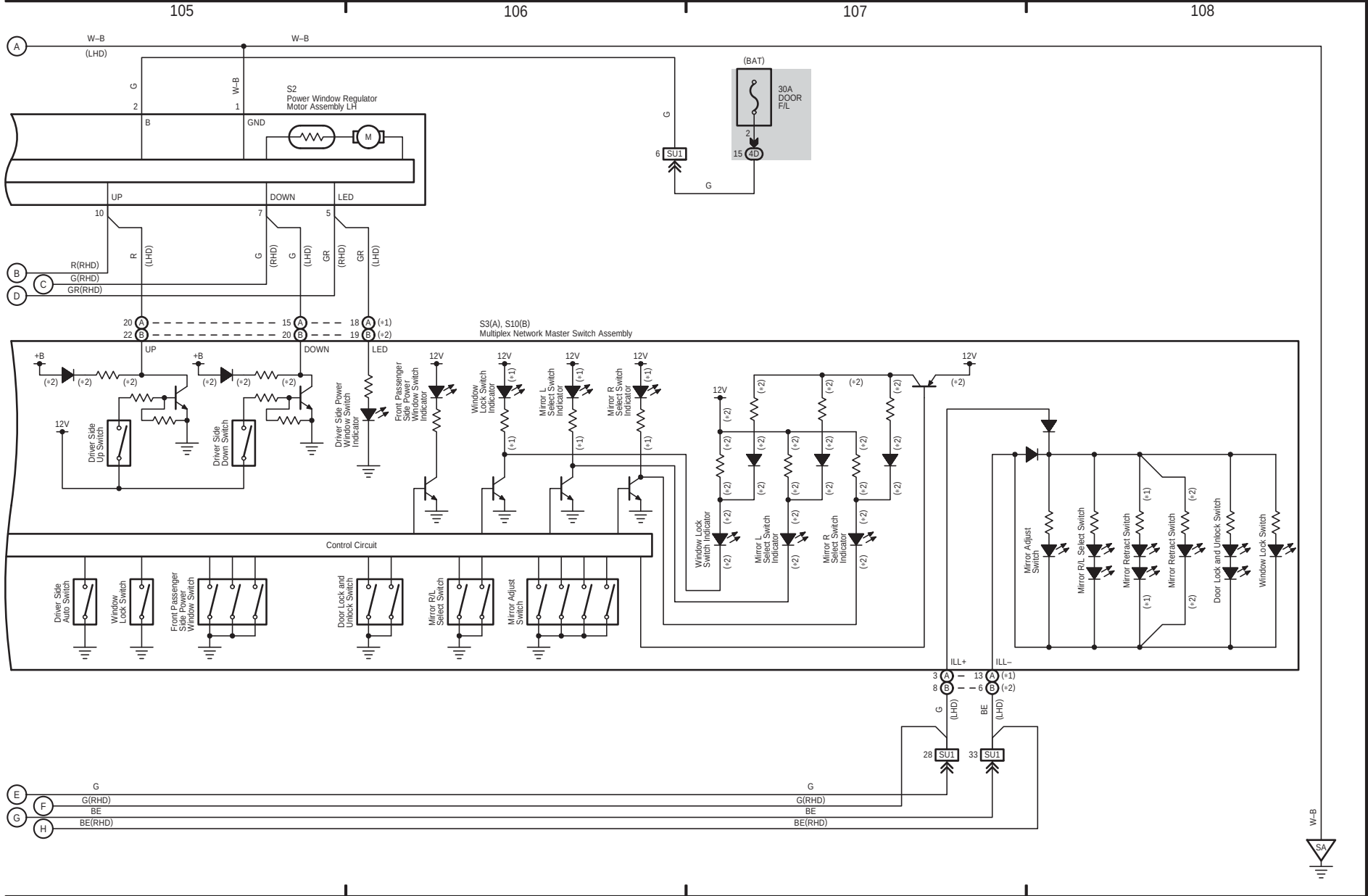




10 RC 300h (Cont' d)

Power Window (LHD)

* 1 : w/ Seat Position Memory
* 2 : w/o Seat Position Memory

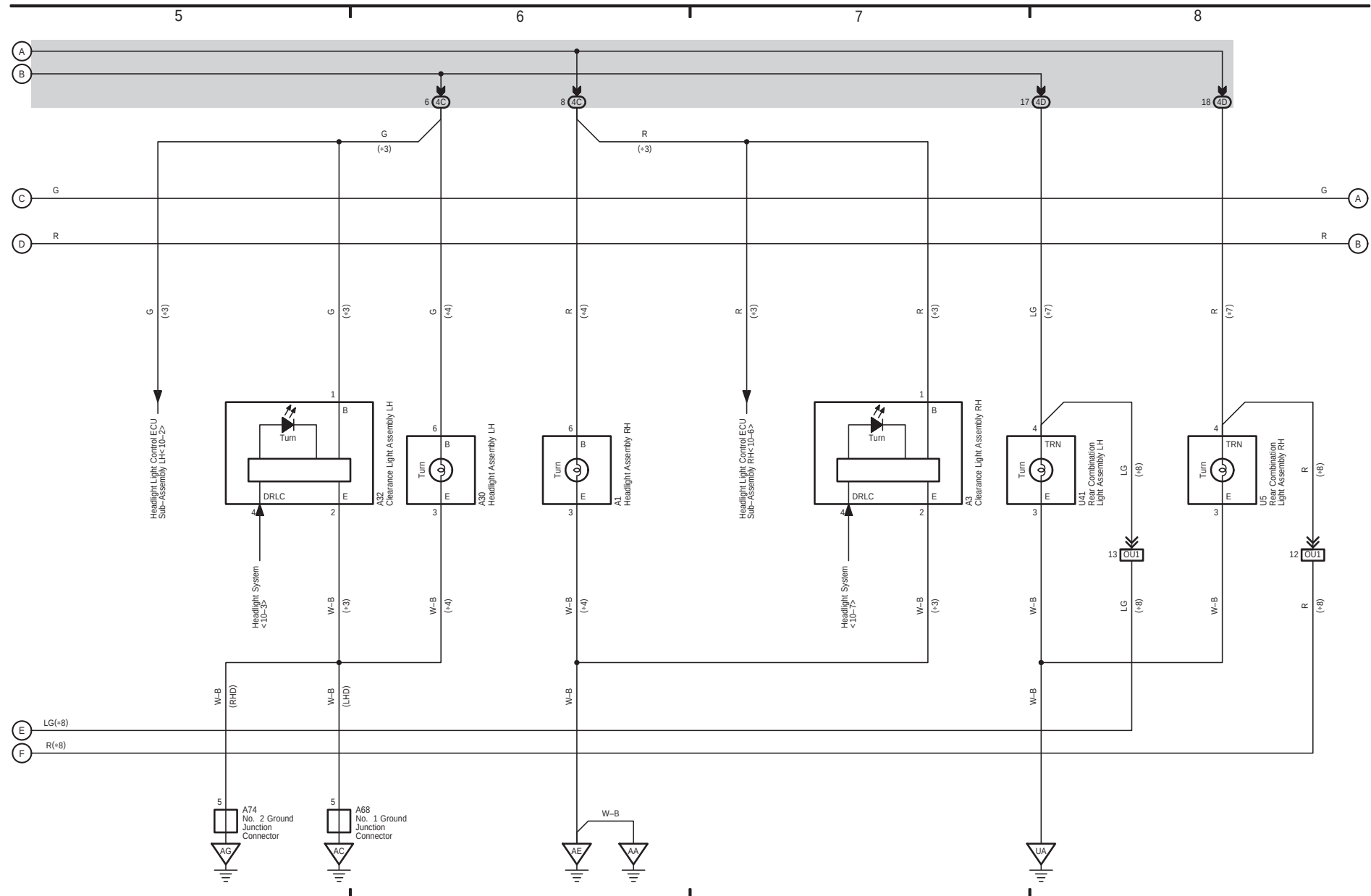


- * 5 : LHD, RHD Light Control Switch LH Side Type
- * 6 : RHD Light Control Switch RH Side Type
- * 7 : Before Nov. 2017 Production
- * 8 : From Nov. 2017 Production



- * 3 : Triple Beam Headlight
- * 4 : Single Beam Headlight
- * 7 : Before Nov. 2017 Production
- * 8 : From Nov. 2017 Production

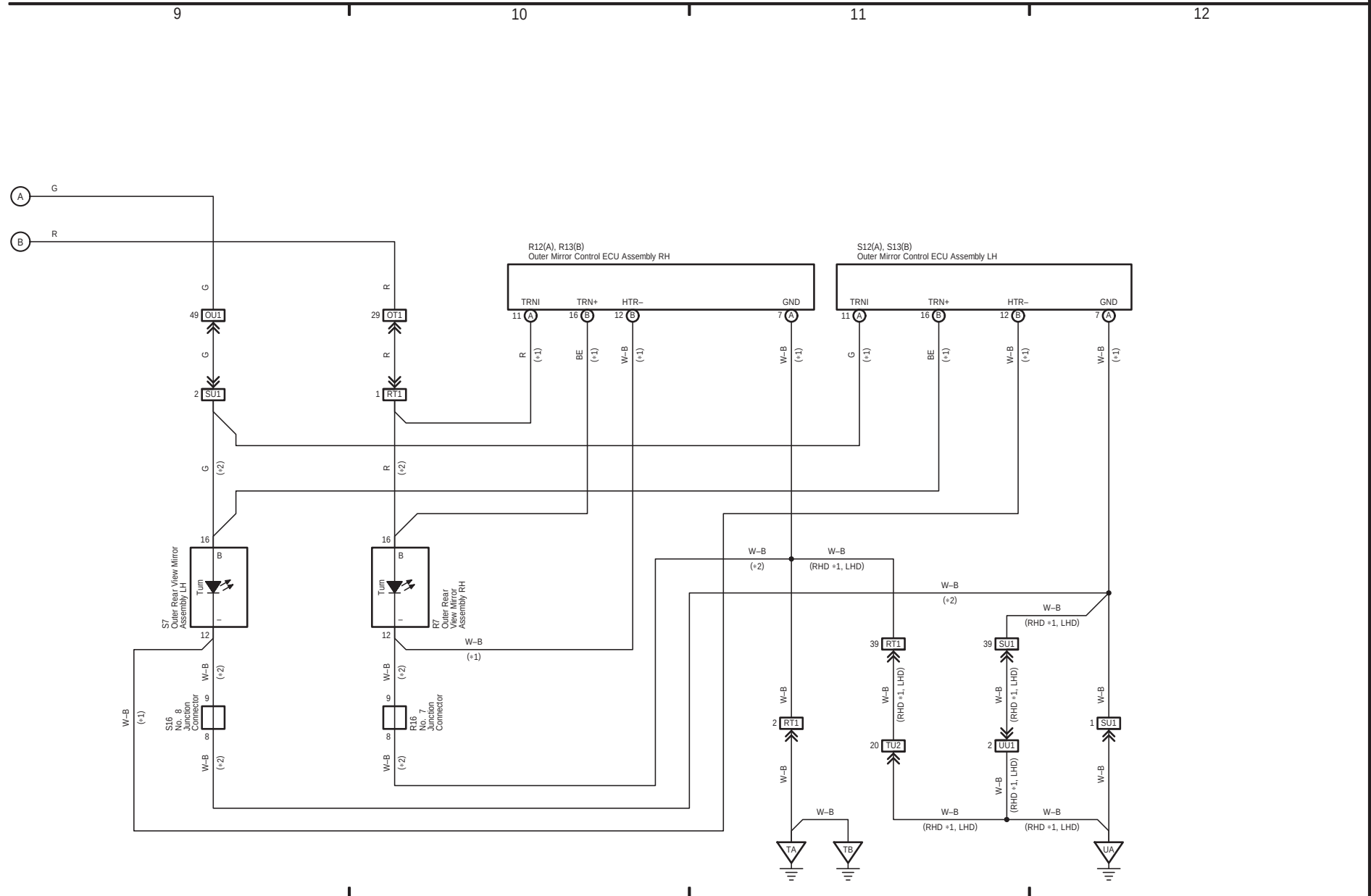
Turn Signal and Hazard Warning Light



11 RC 300h (Cont' d)

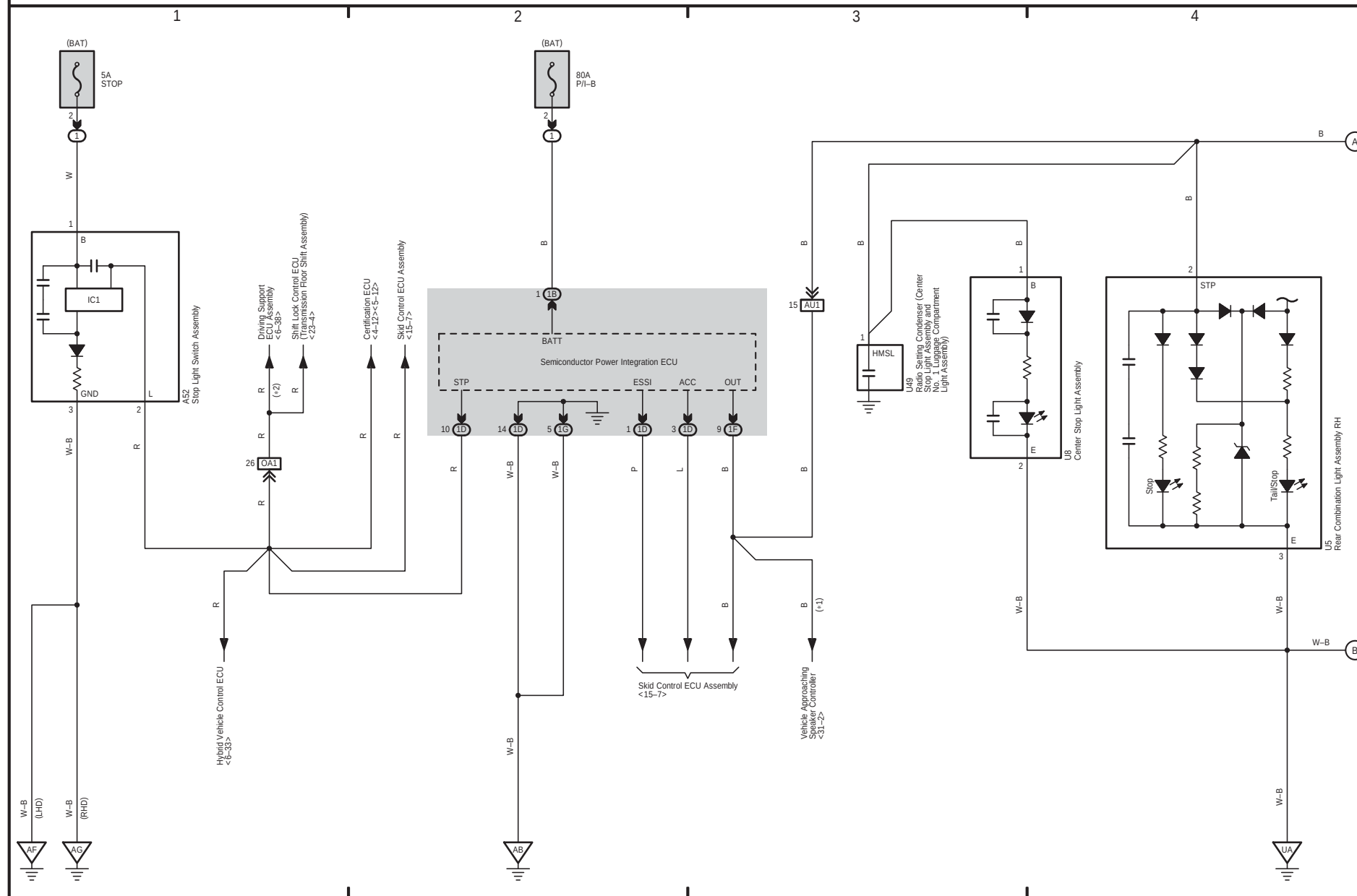
Turn Signal and Hazard Warning Light

* 1 : w/ Seat Position Memory
 * 2 : w/o Seat Position Memory

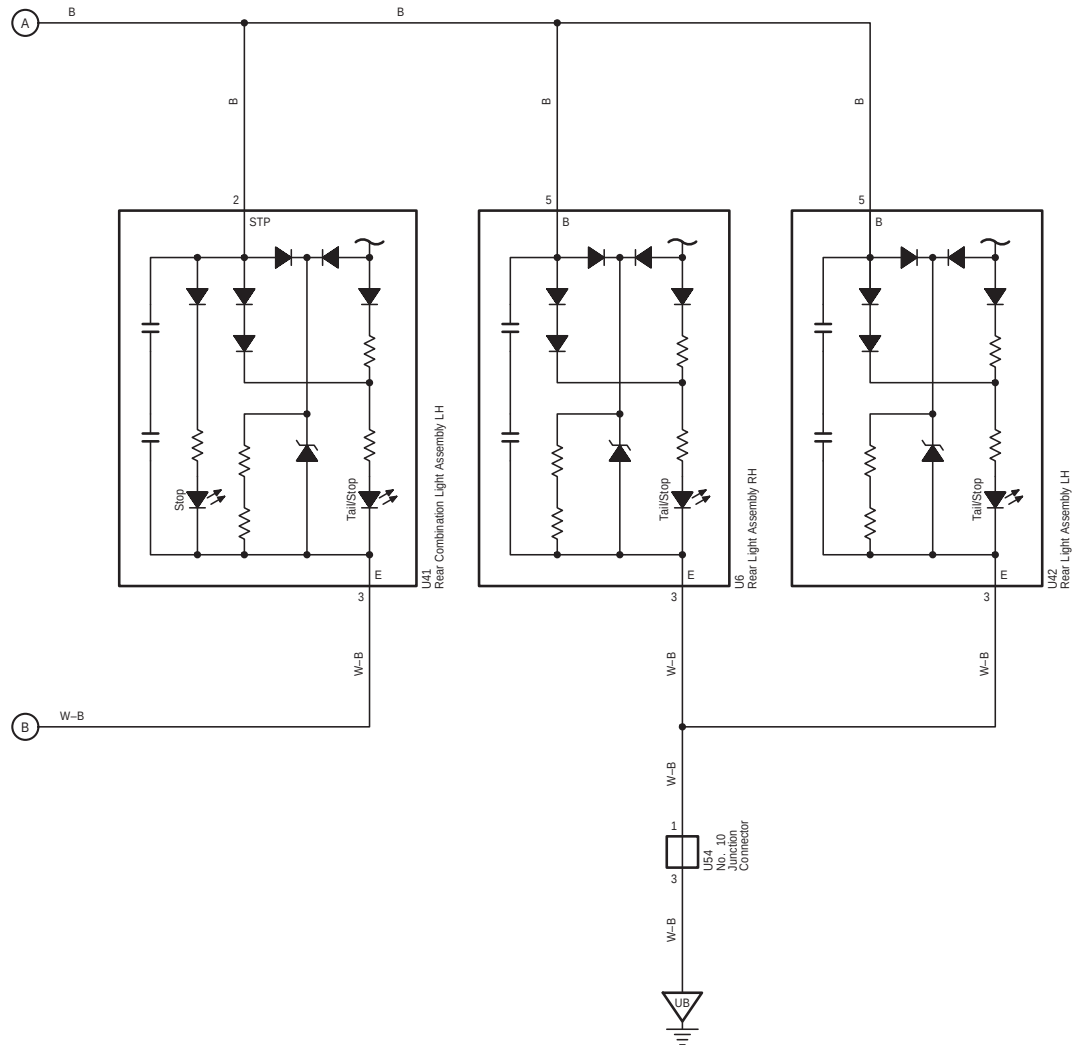


Stop Light

* 1 : w/ Vehicle Proximity Notification System
 * 2 : w/ Dynamic Radar Cruise Control



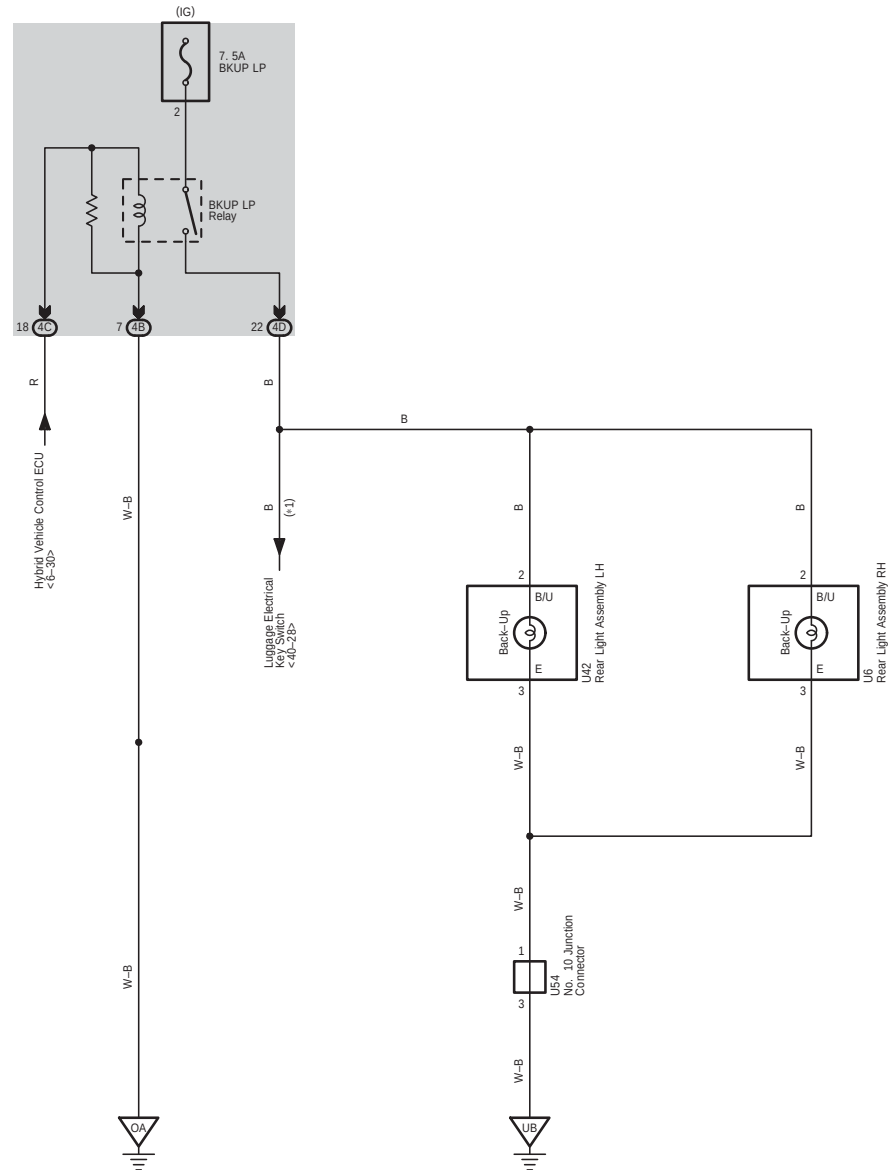
Stop Light



13 RC 300h

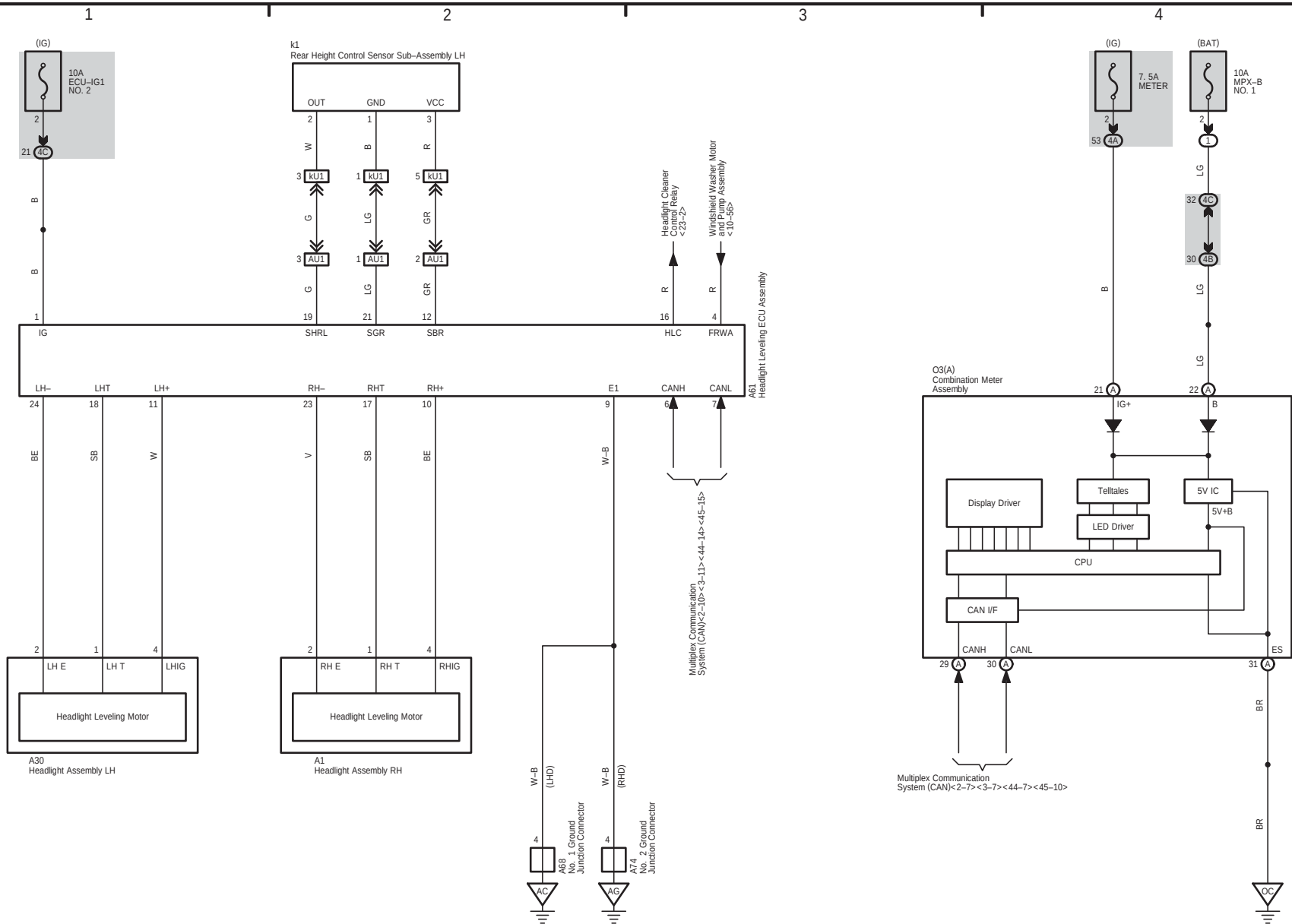
Back-Up Light

* 1 : From Nov. 2017 Production

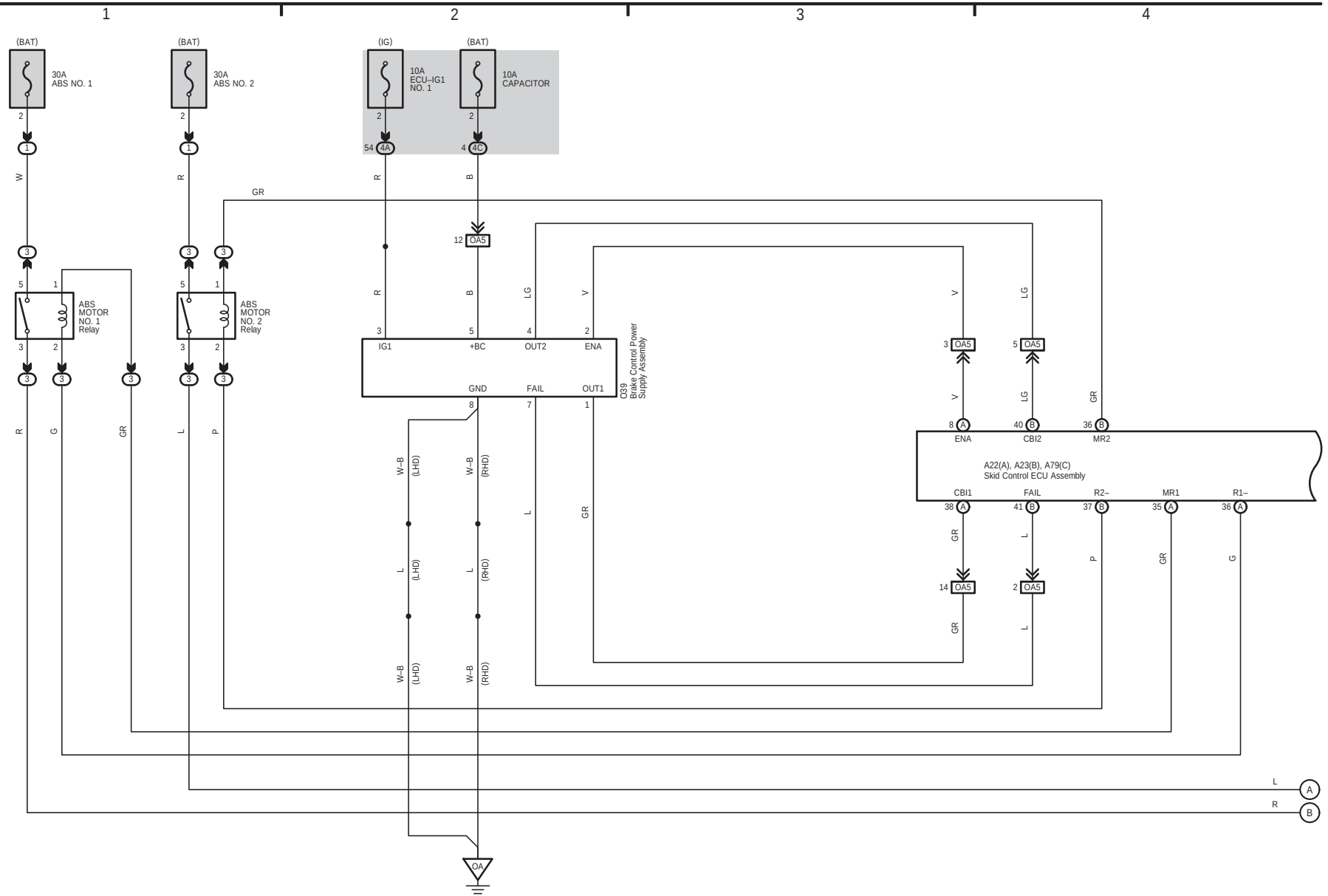


14 RC 300h

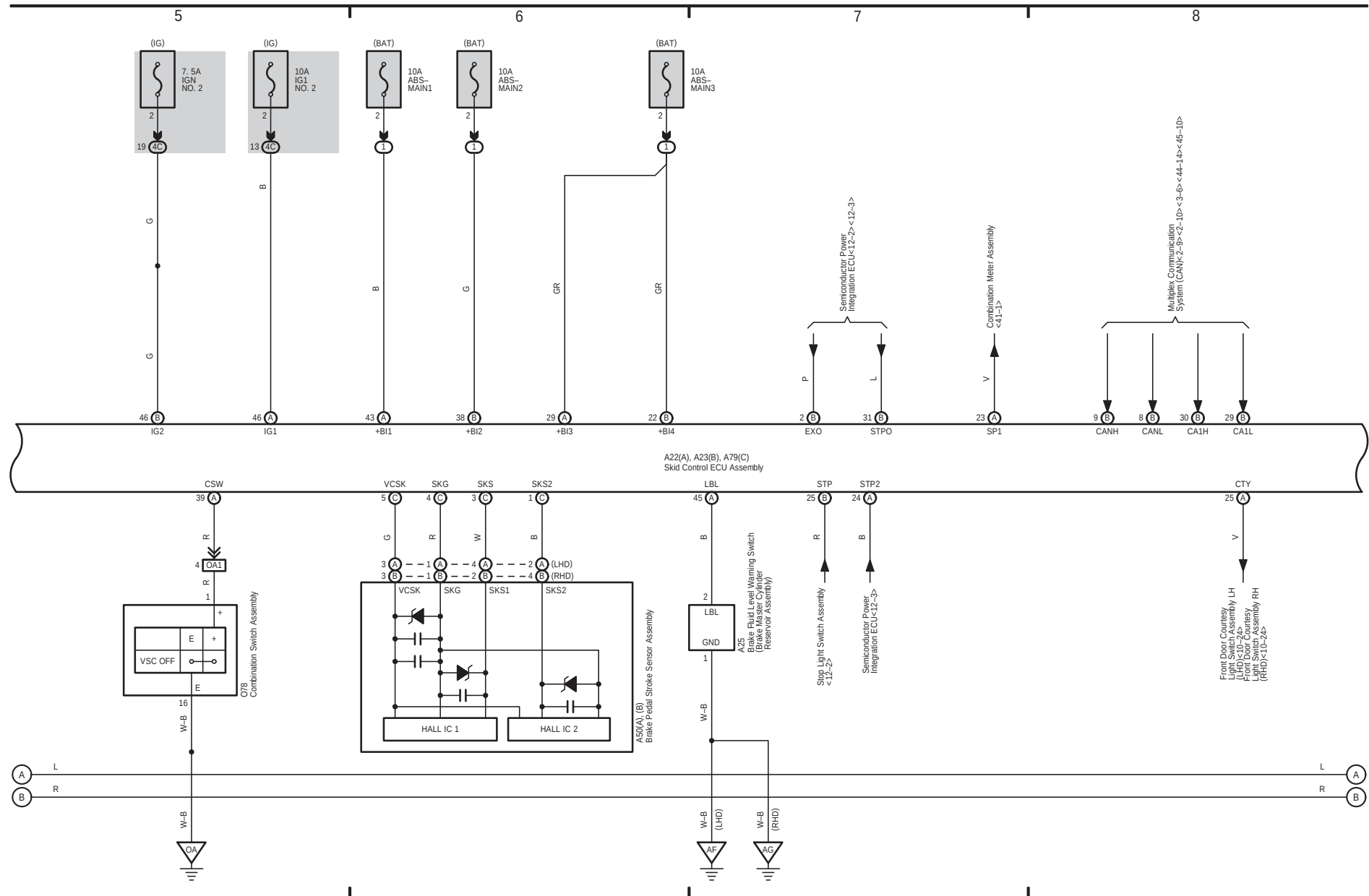
Headlight Beam Level Control (Single Beam Headlight)



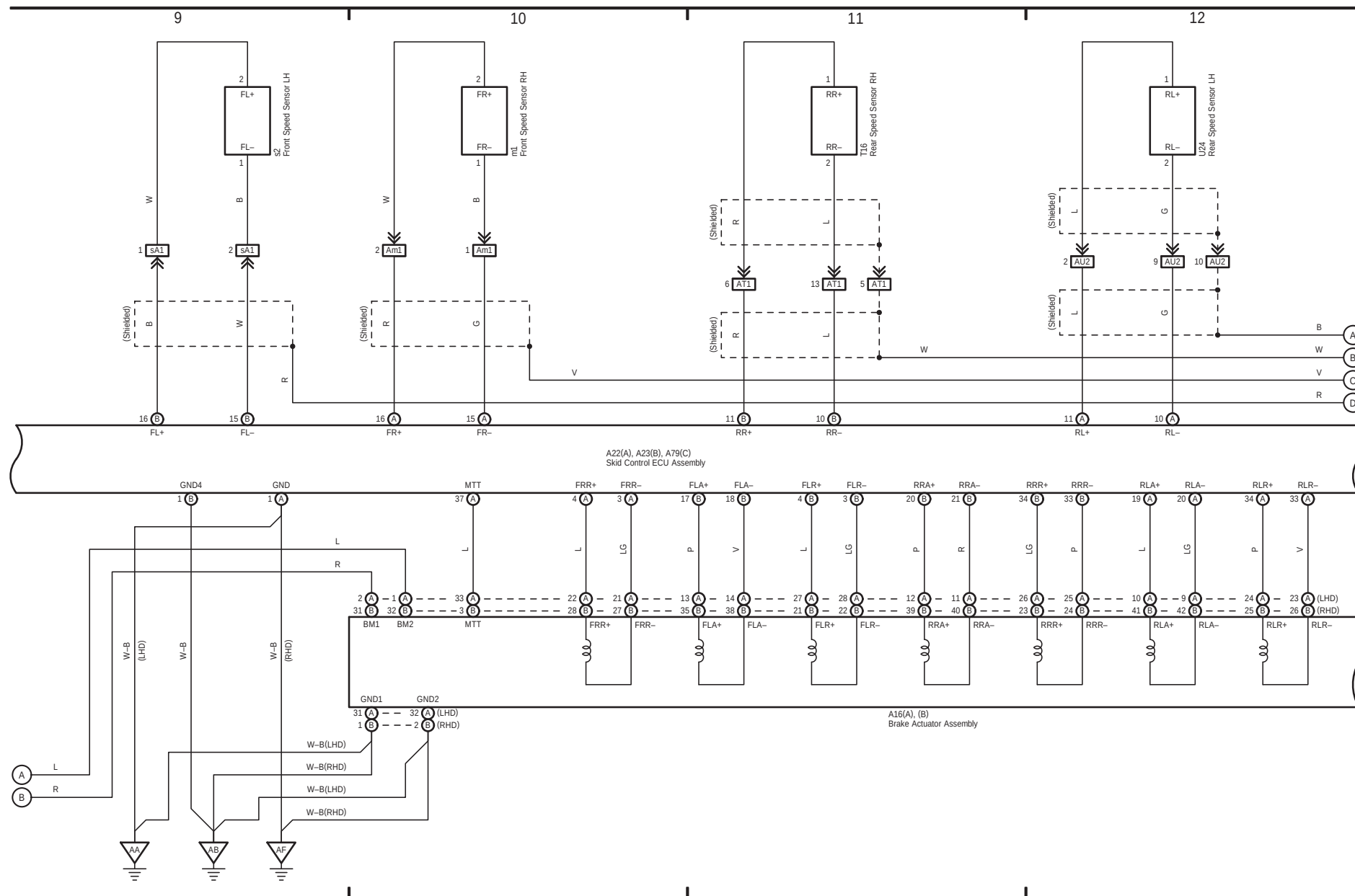
Vehicle Dynamics Integrated Management (for Hybrid Vehicle)



Vehicle Dynamics Integrated Management (for Hybrid Vehicle)

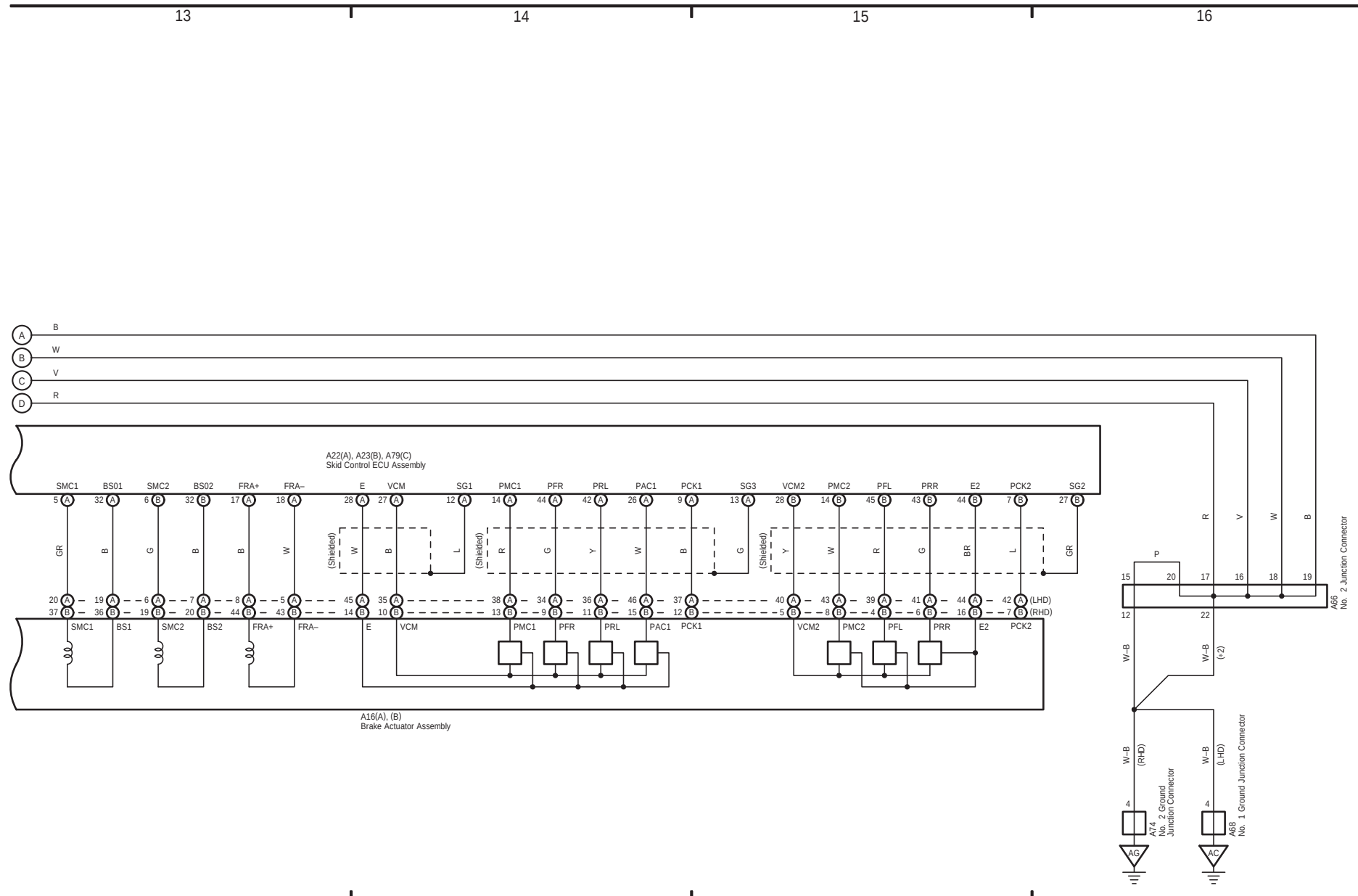


Vehicle Dynamics Integrated Management (for Hybrid Vehicle)



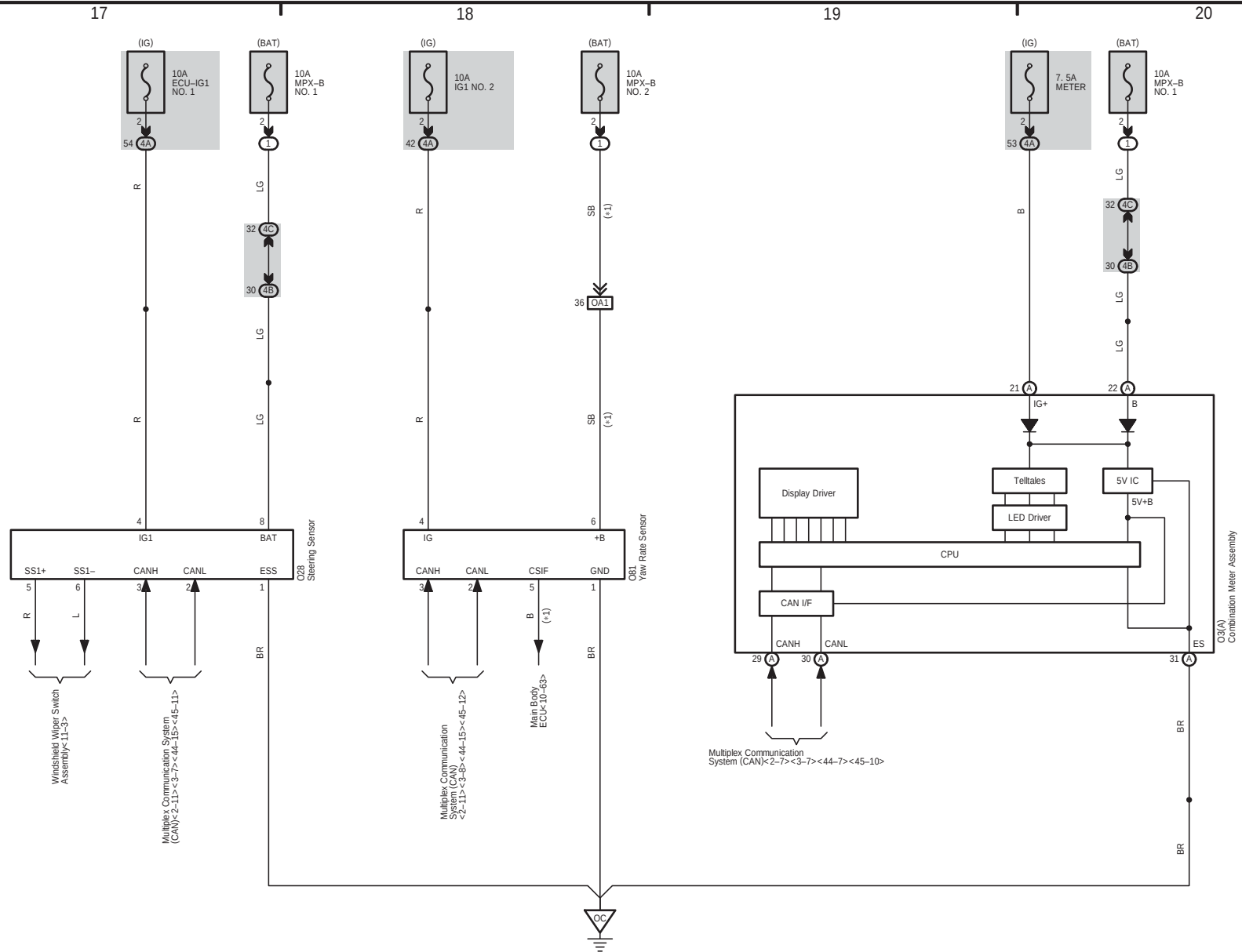
Vehicle Dynamics Integrated Management (for Hybrid Vehicle)

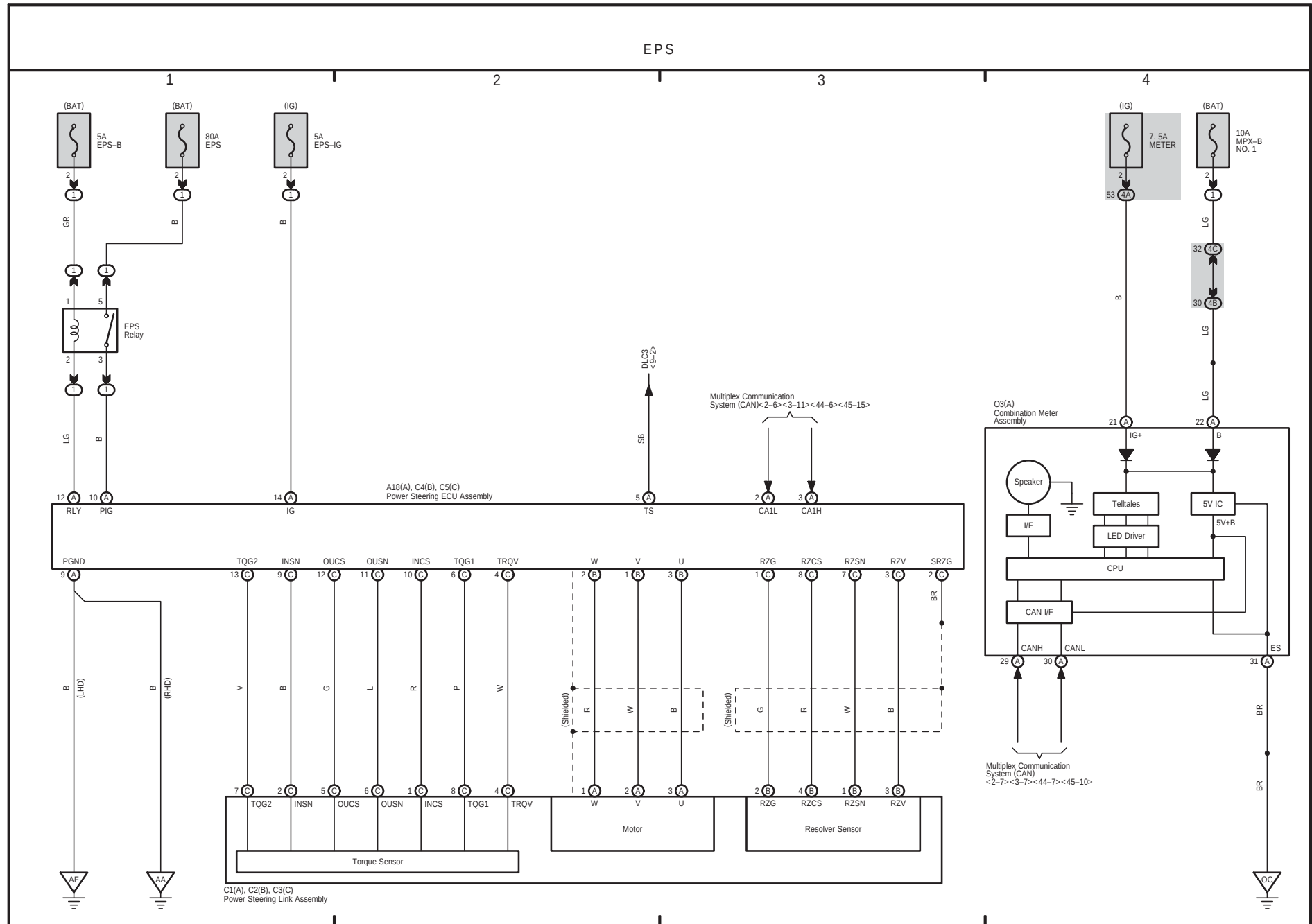
* 2 : w/ Adaptive Variable Suspension



Vehicle Dynamics Integrated Management (for Hybrid Vehicle)

* 1 : w/ Tilt Sensor

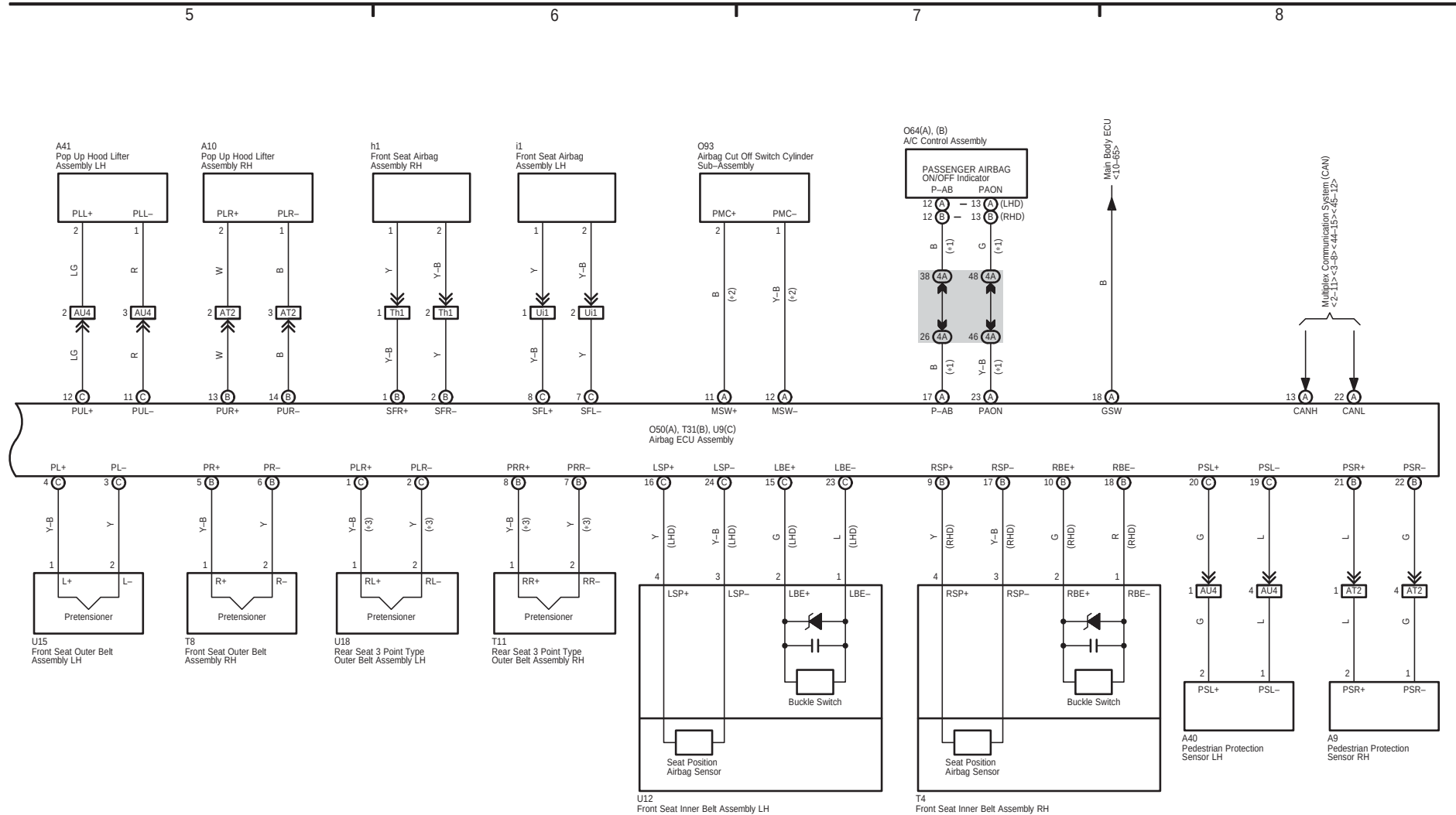






SRS

- * 1 : w/ PASSENGER AIRBAG ON/OFF Indicator
- * 2 : w/ Airbag Cut Off Switch
- * 3 : w/ Rear Pretensioner

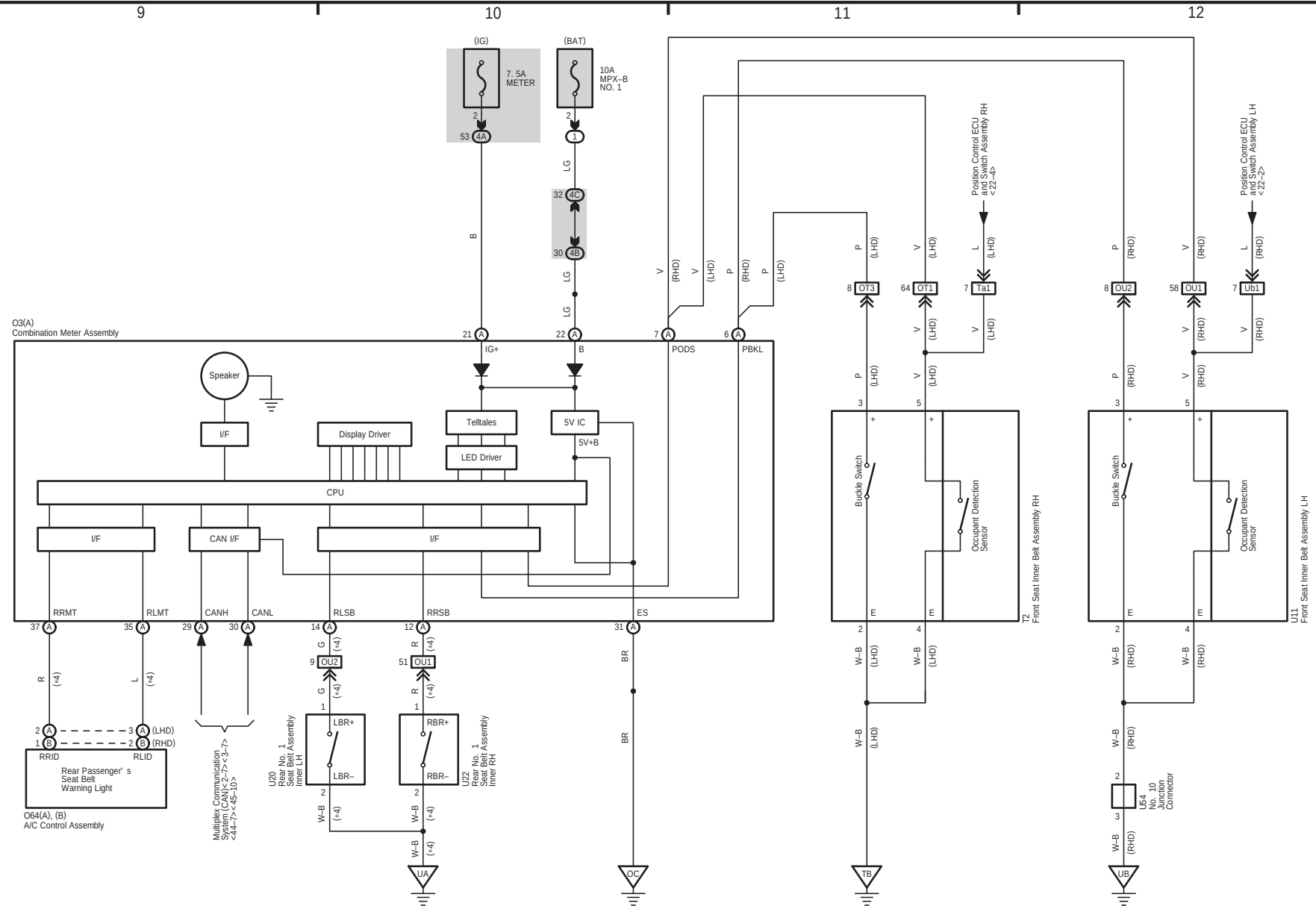


17 RC 300h (Cont' d)

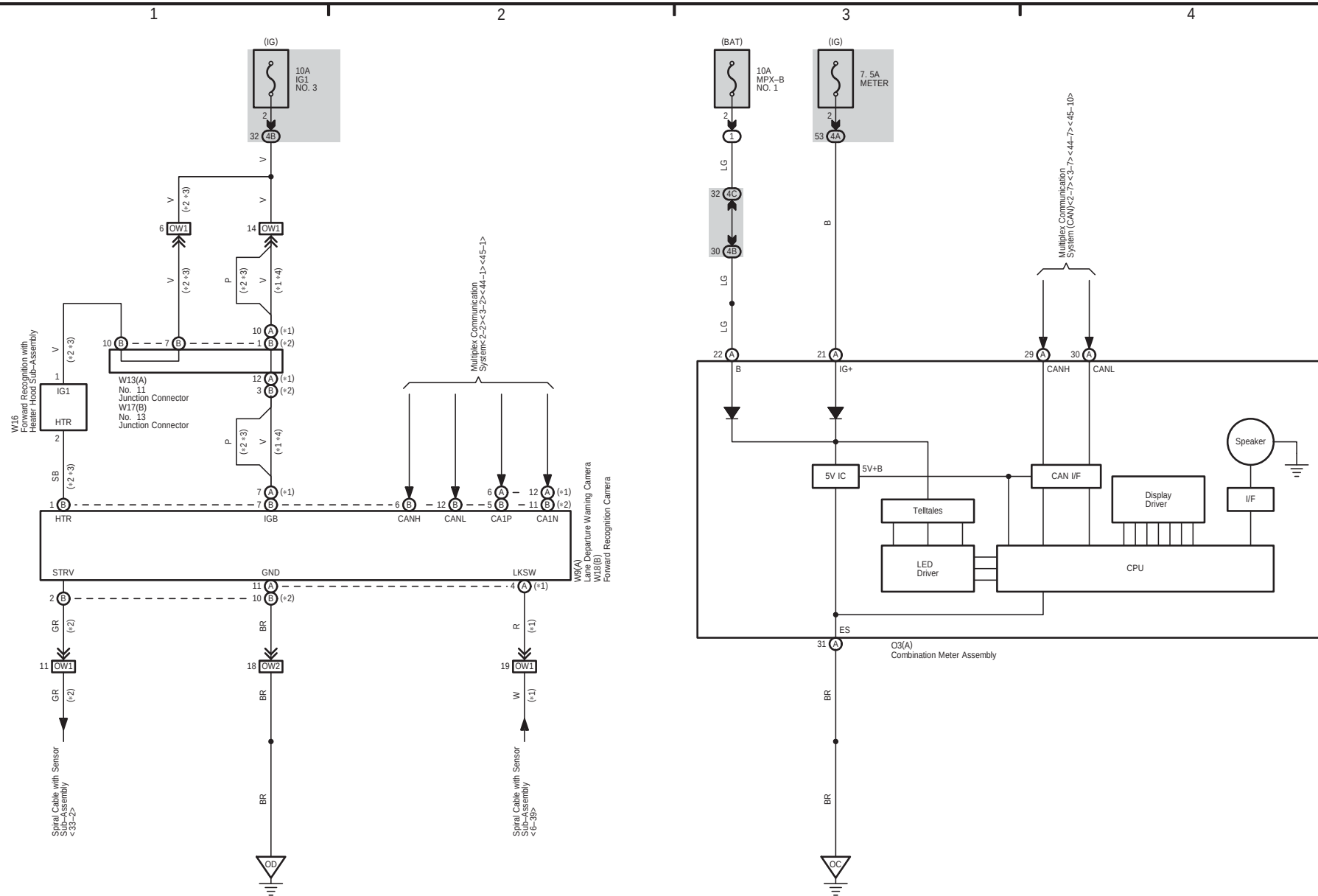
SRS

Seat Belt Warning

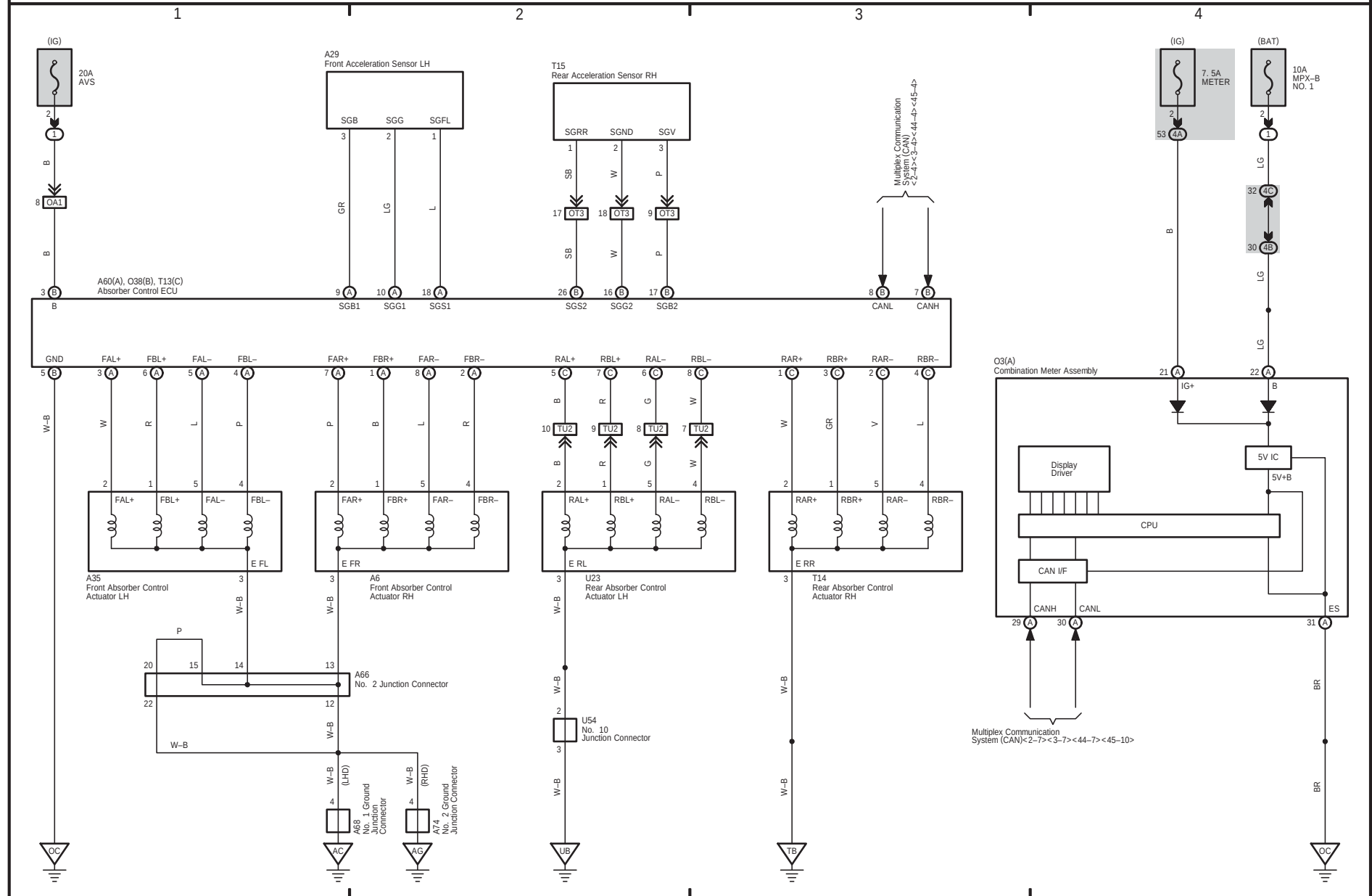
* 4 : w/ Rear Passenger' s Seat Belt Warning



* 1 : Before Nov. 2017 Production
* 2 : From Nov. 2017 Production
* 3 : w/ Forward Recognition with Heater Hood Sub-Assembly
* 4 : w/o Forward Recognition with Heater Hood Sub-Assembly

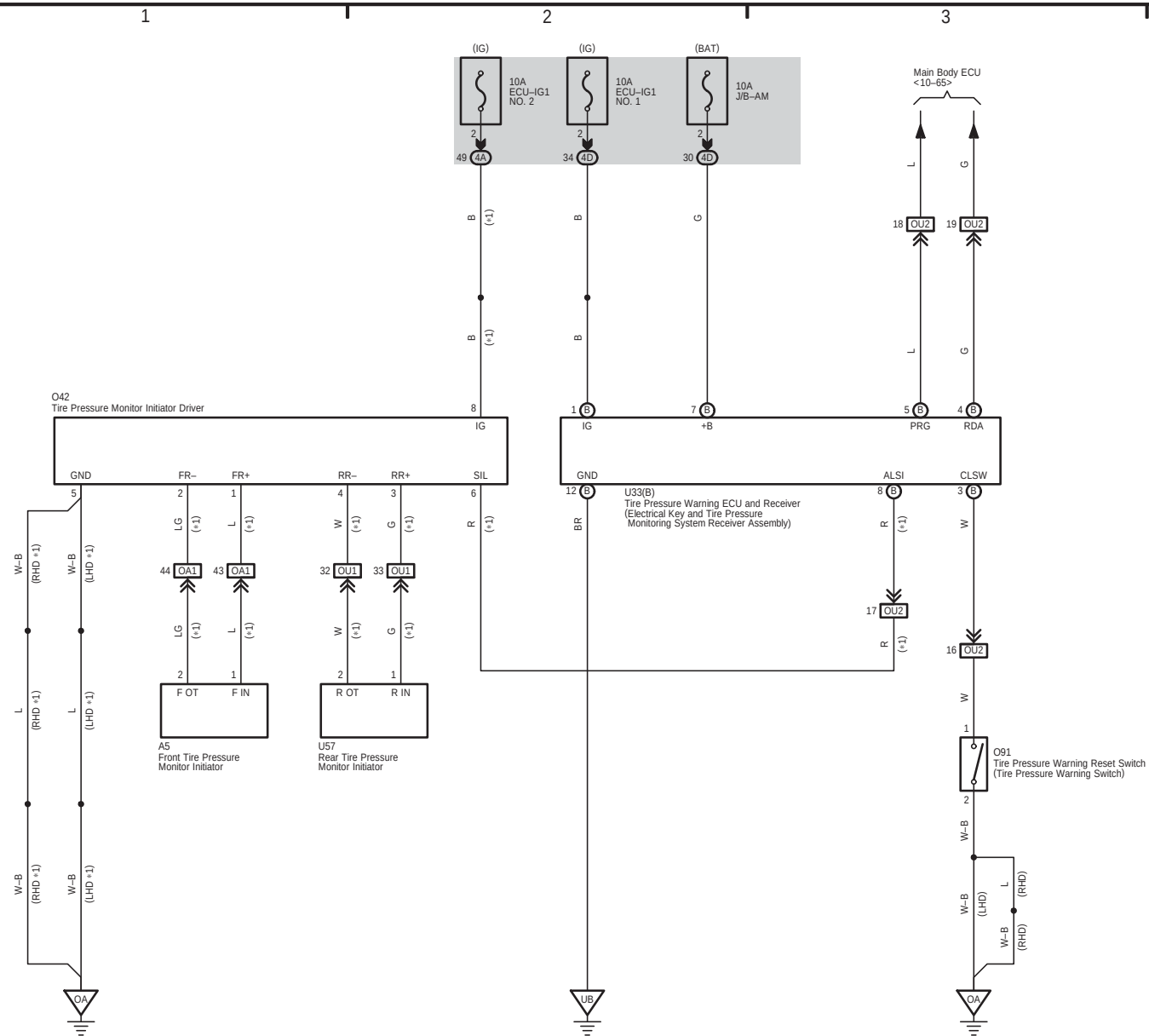


Adaptive Variable Suspension

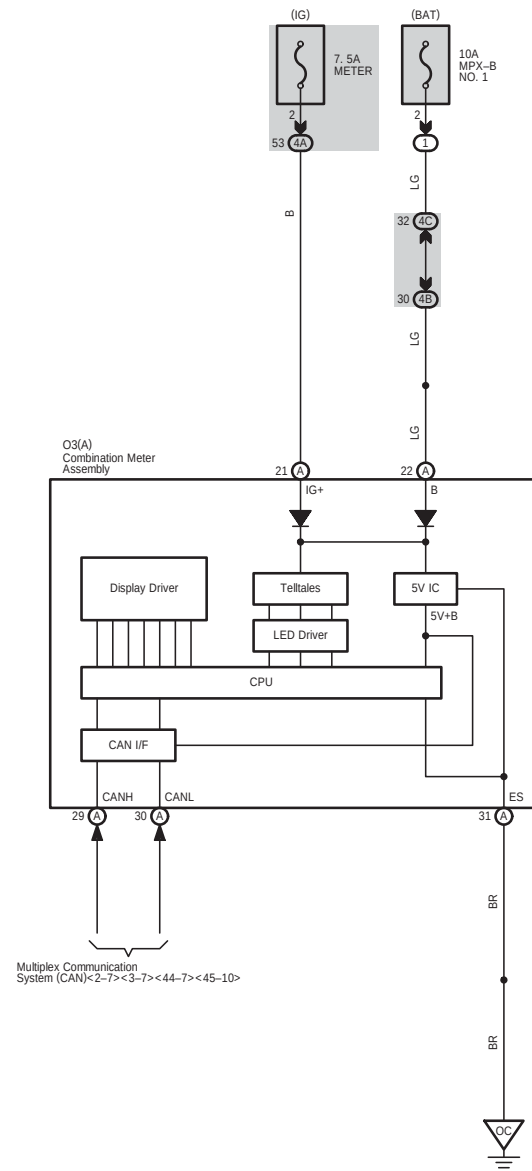


Tire Pressure Warning System

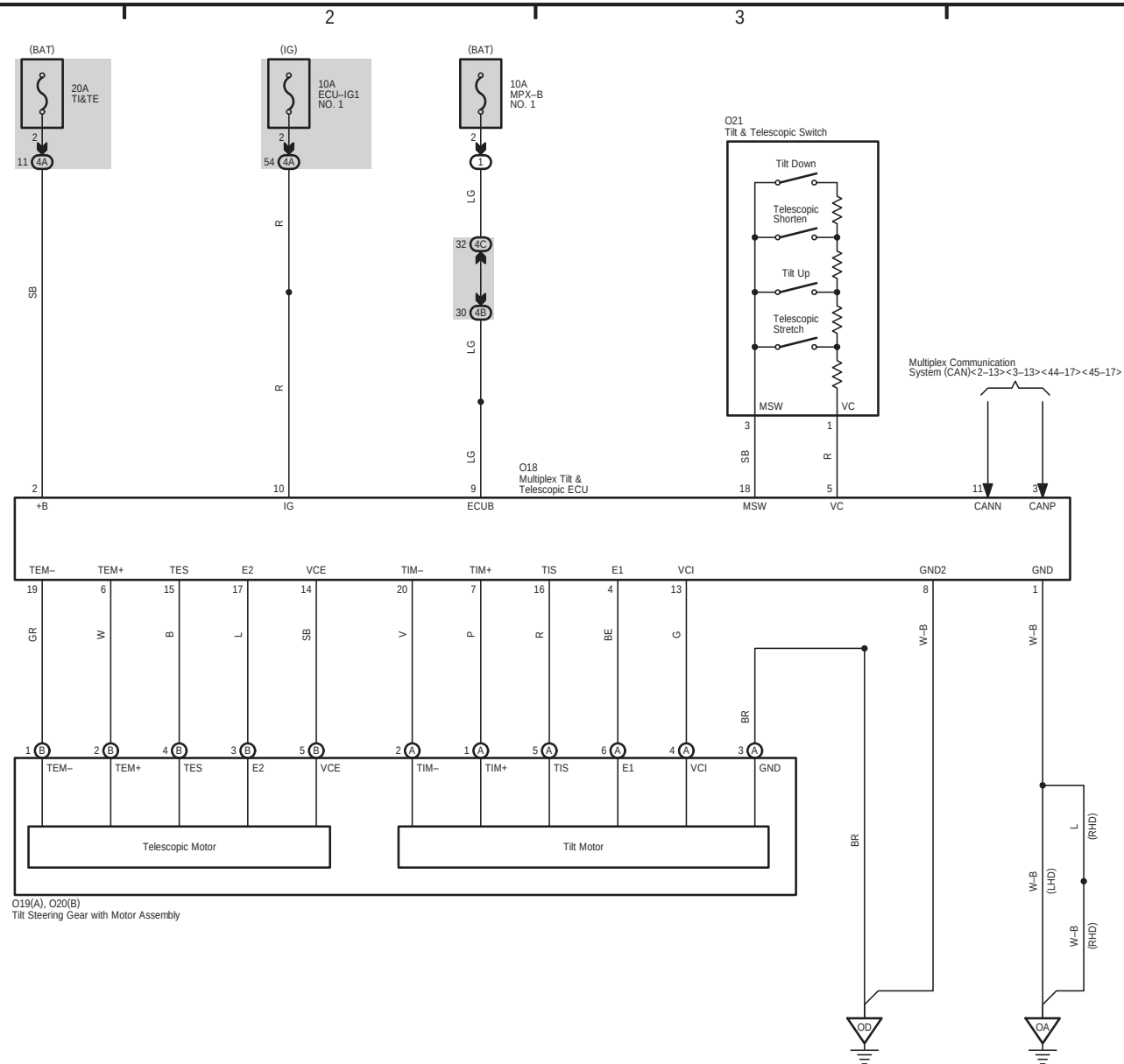
* 1 : w/ Auto Location



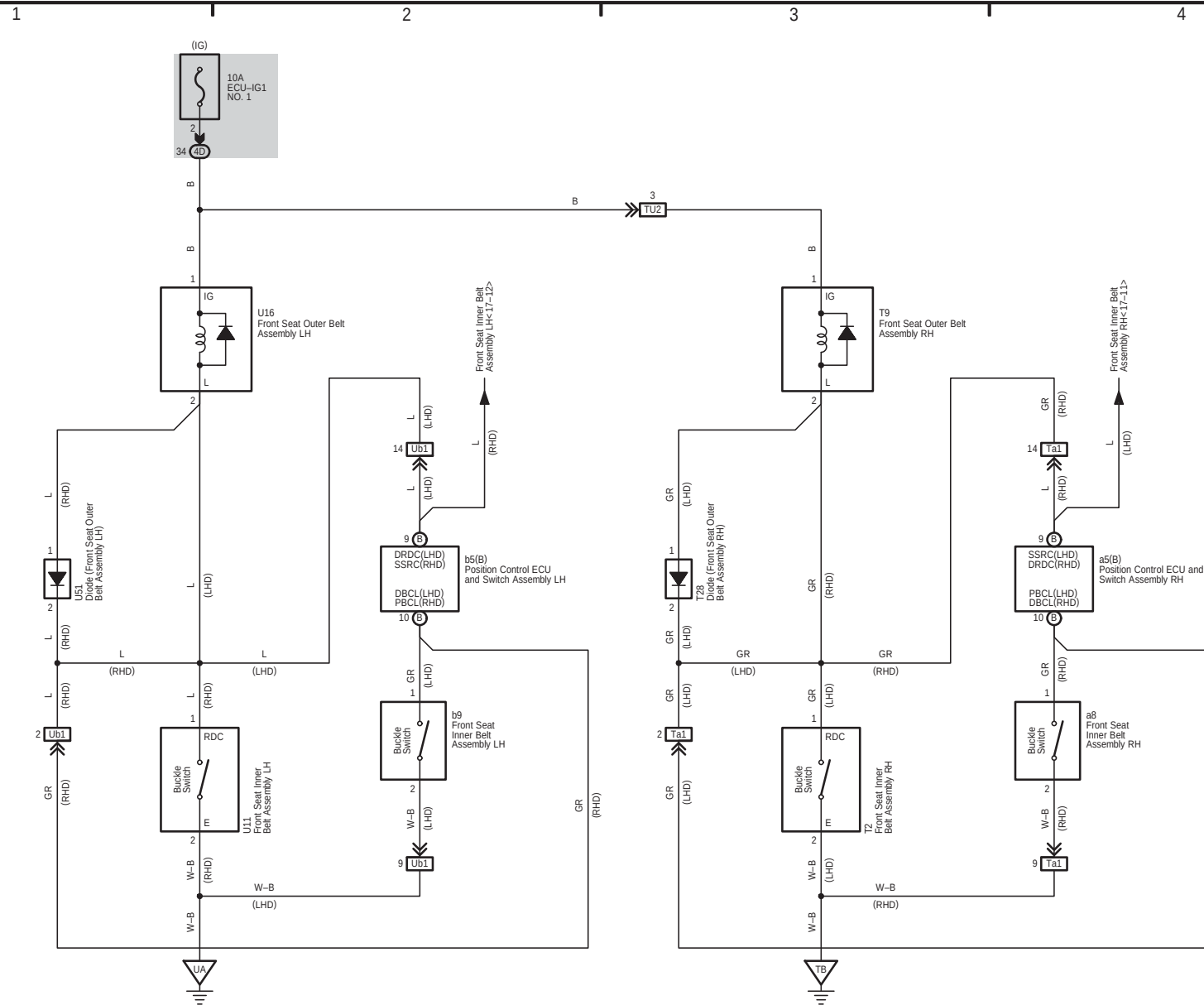
Tire Pressure Warning System

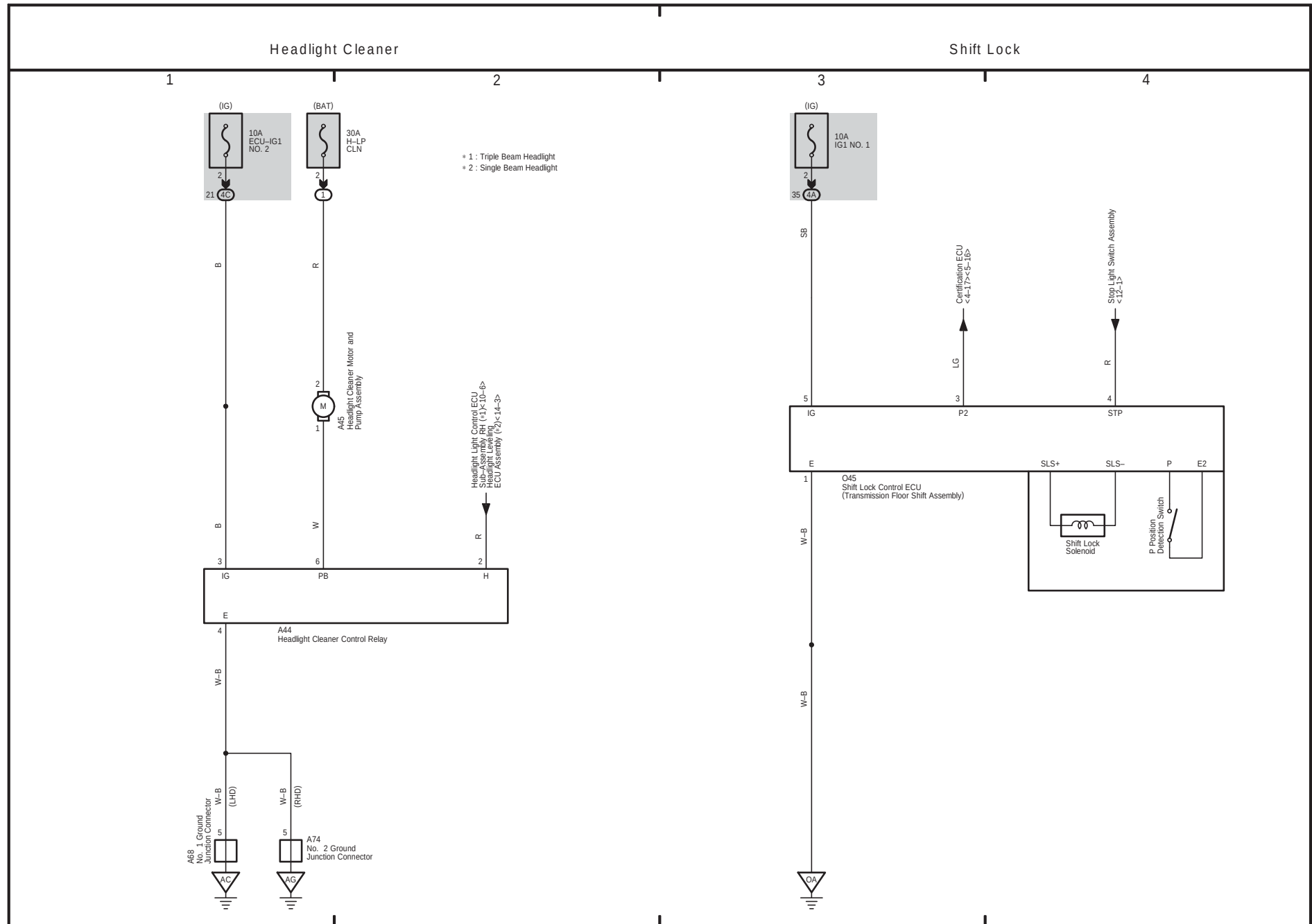


Power Tilt and Power Telescopic

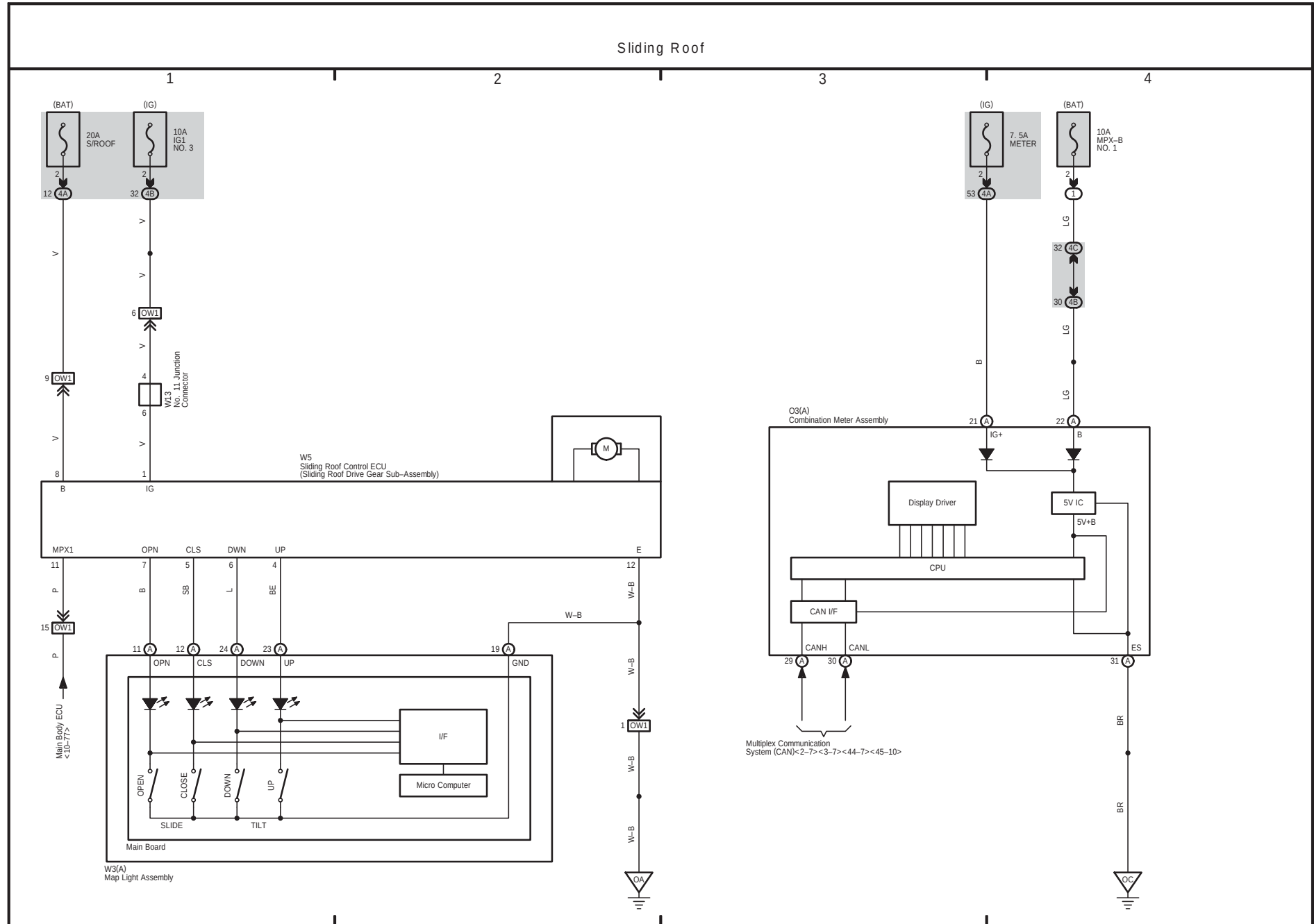


Electric Tension Reducer



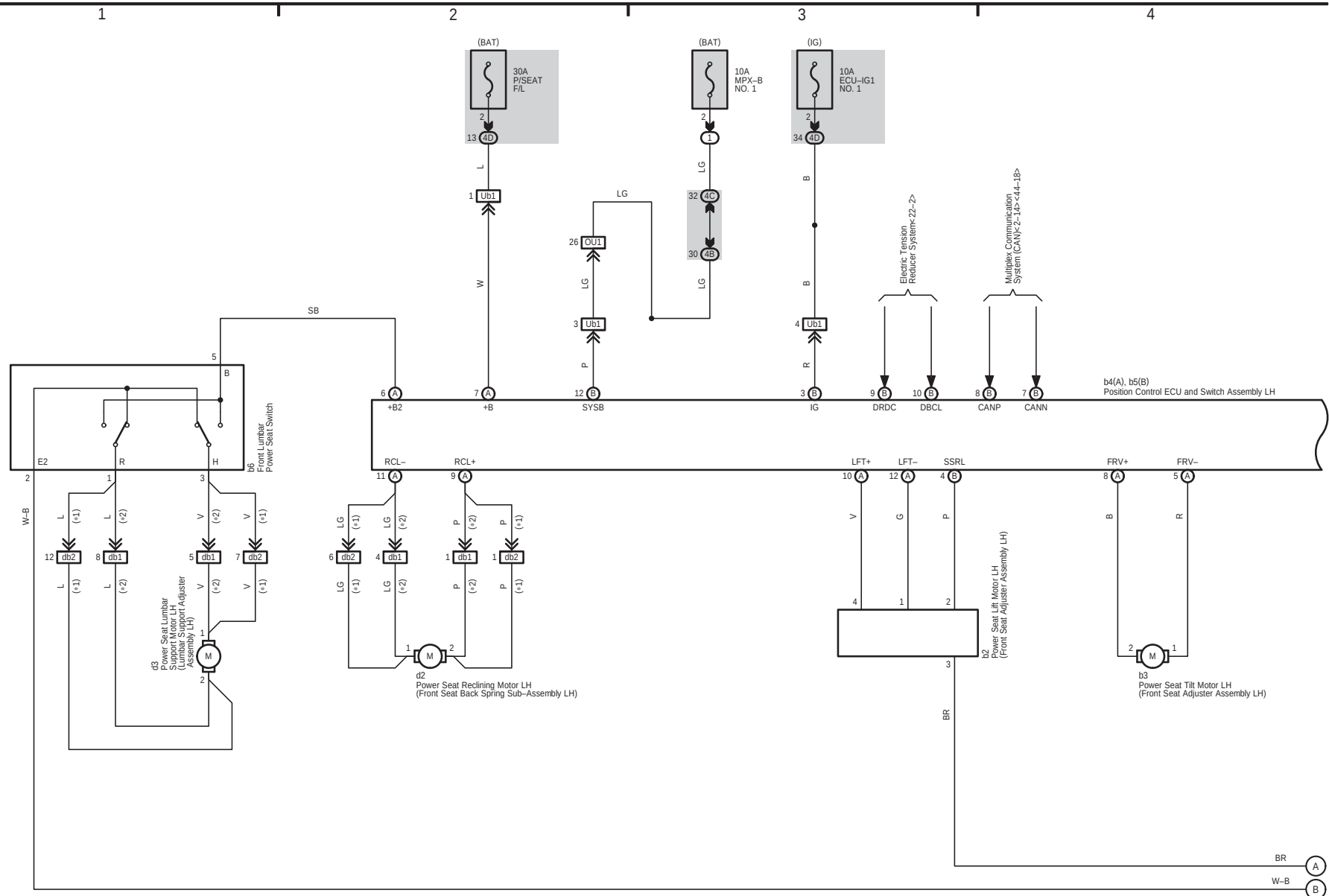


24 RC 300h



Power Seat (LHD Driver's Seat)

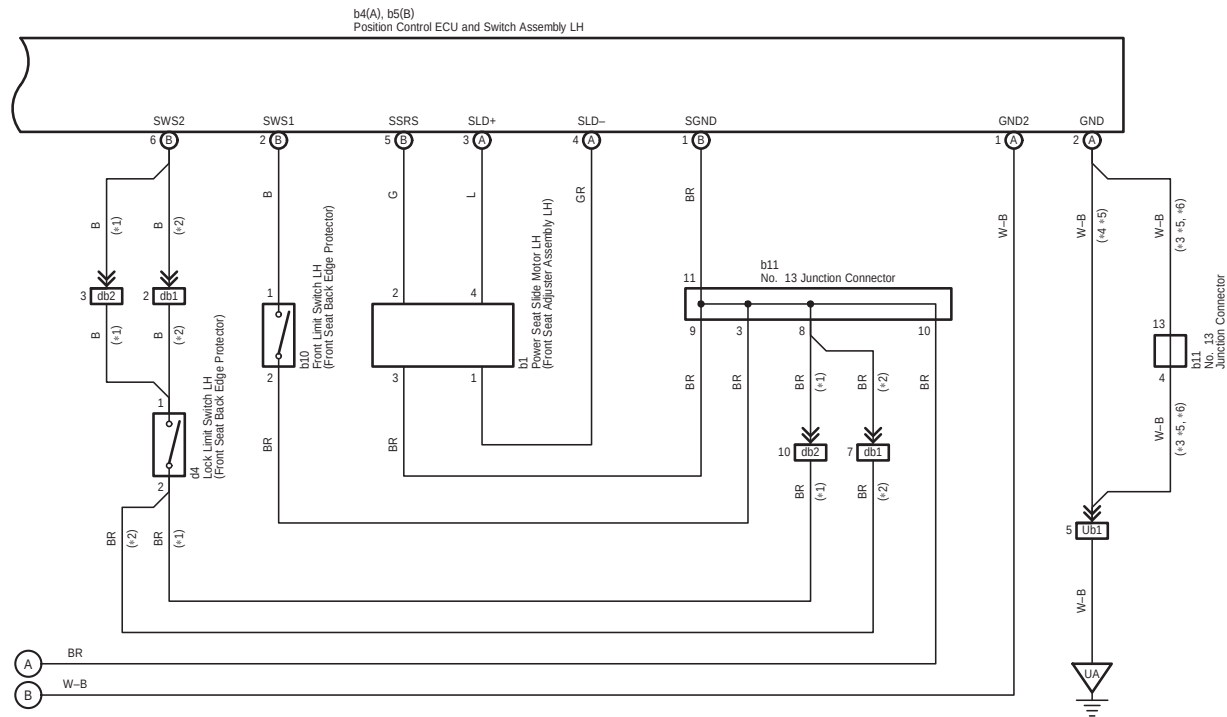
* 1 : w/ Climate Control Seat
 * 2 : w/o Climate Control Seat



Power Seat (LHD Driver' s Seat)

* 1 : w/ Climate Control Seat
 * 2 : w/o Climate Control Seat
 * 3 : w/ Seat Heater

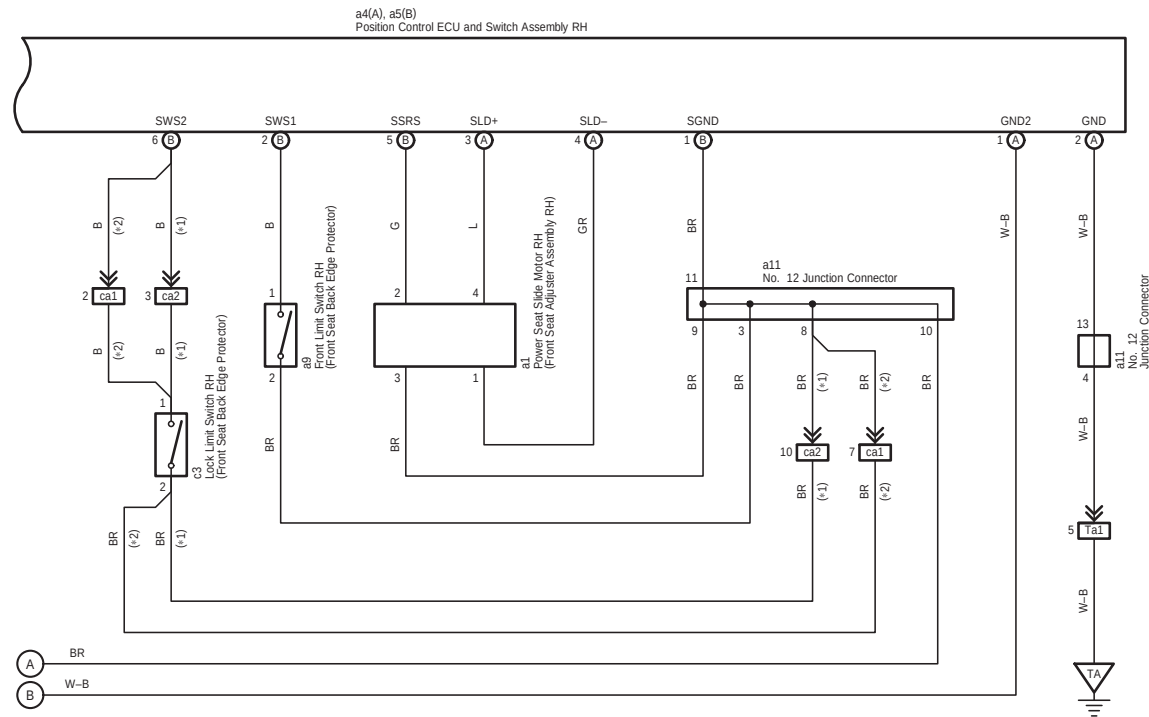
* 4 : w/o Seat Heater
 * 5 : Before Nov. 2017 Production
 * 6 : From Nov. 2017 Production





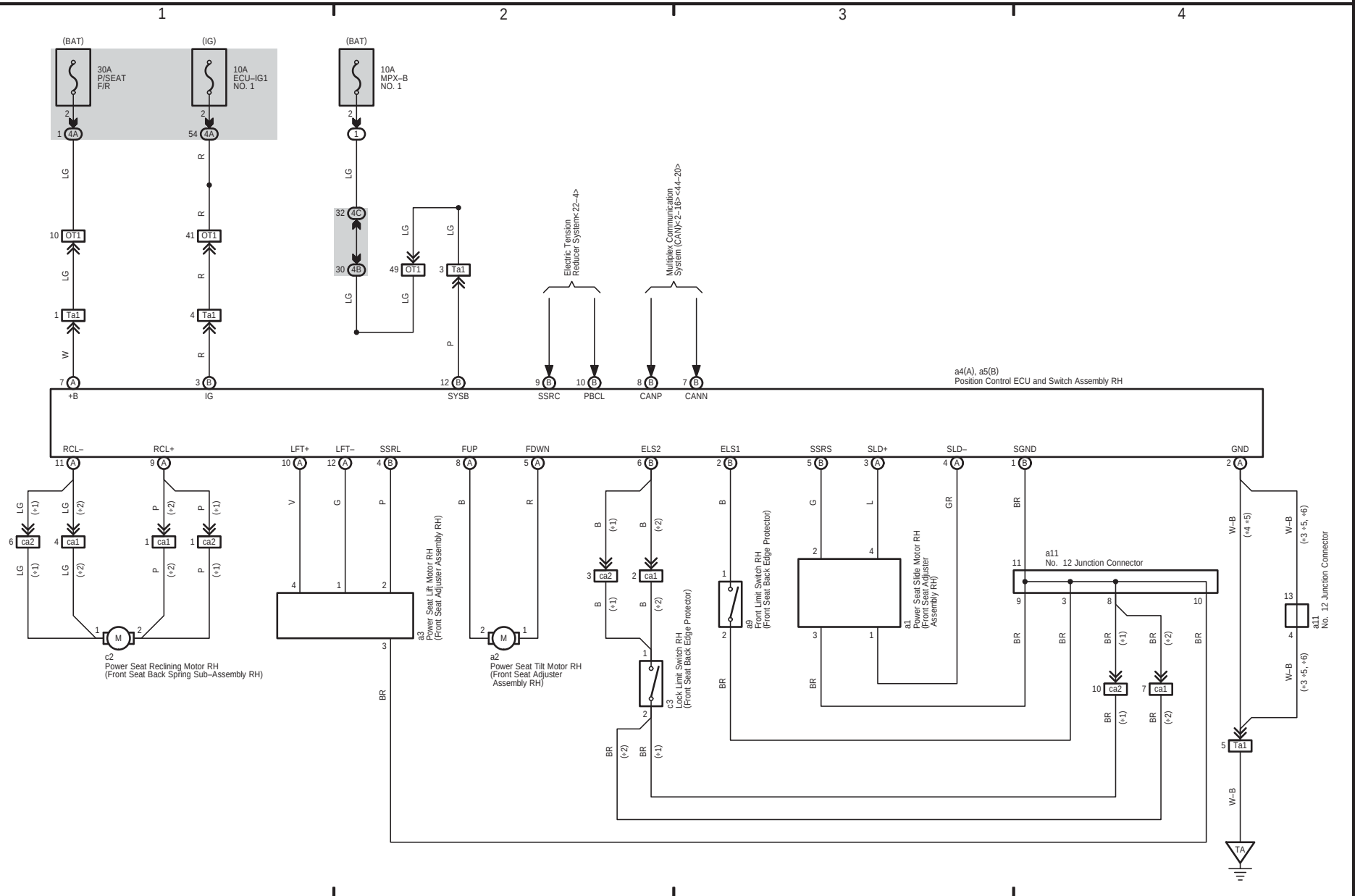
Power Seat (RHD Driver' s Seat)

* 1 : w/ Climate Control Seat
 * 2 : w/o Climate Control Seat



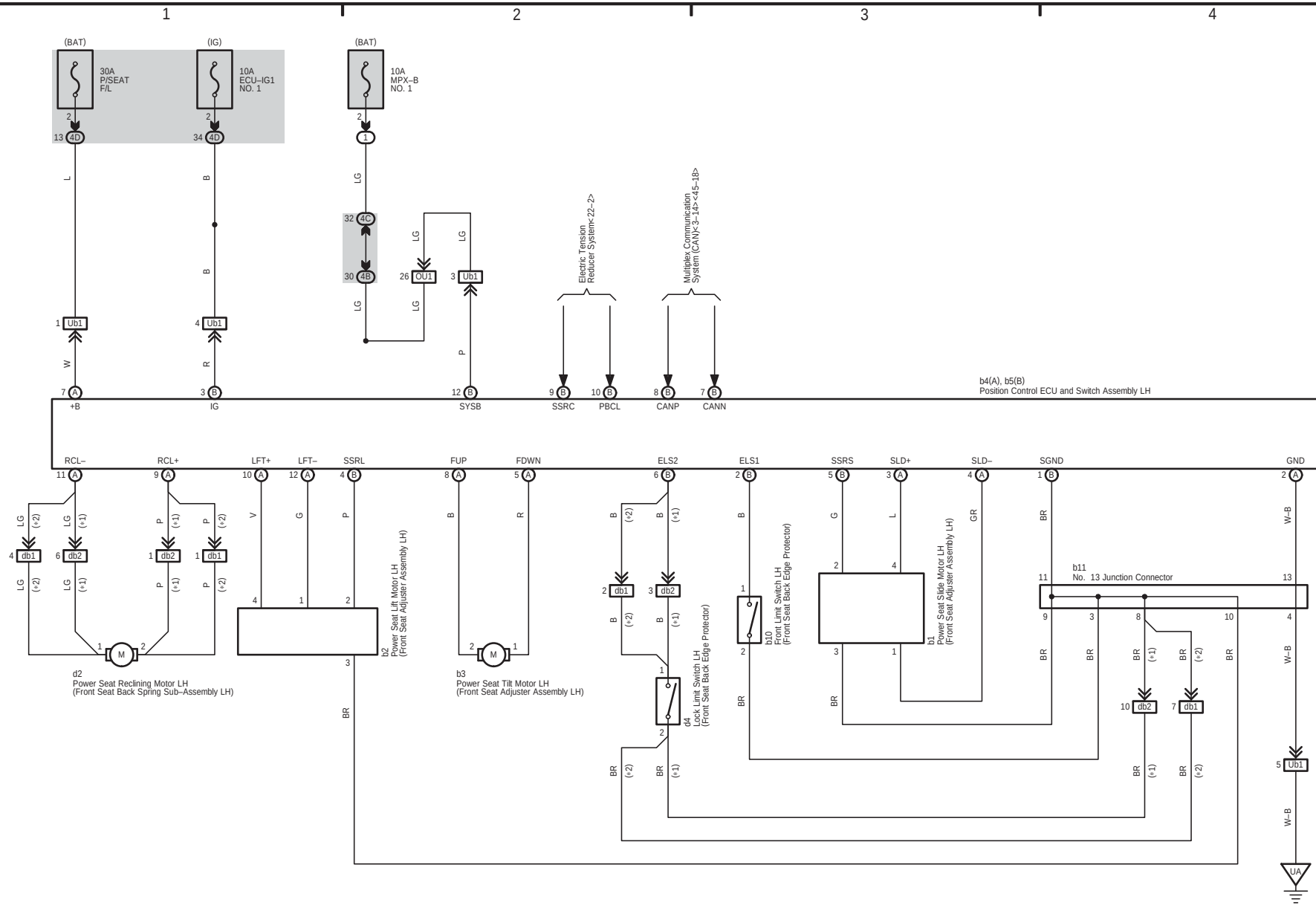
- * 1 : w/ Climate Control Seat
- * 2 : w/o Climate Control Seat
- * 3 : w/ Seat Heater

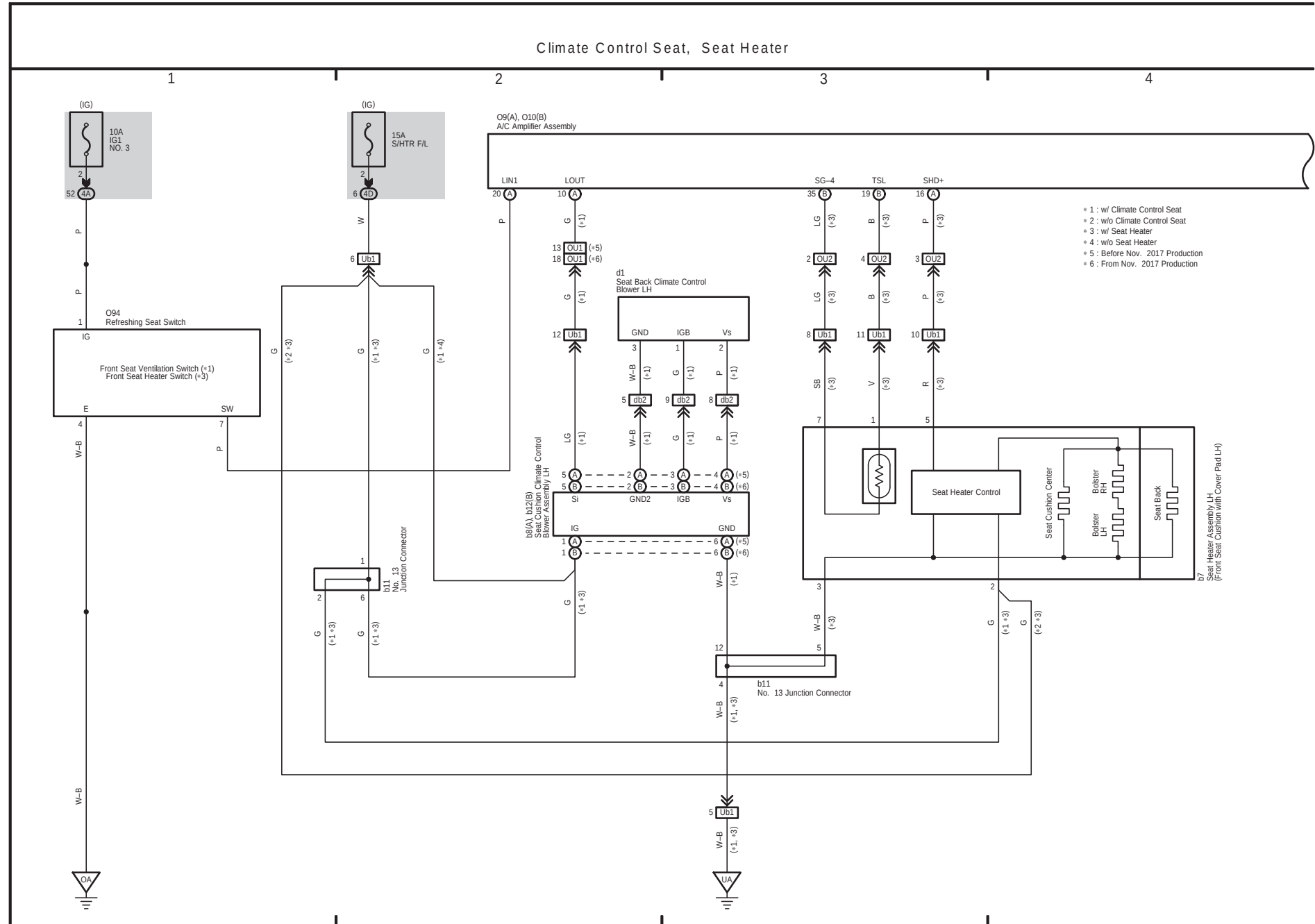
- * 4 : w/o Seat Heater
- * 5 : Before Nov. 2017 Production
- * 6 : From Nov. 2017 Production



Power Seat (RHD Front Passenger's Seat)

* 1 : w/ Climate Control Seat
 * 2 : w/o Climate Control Seat

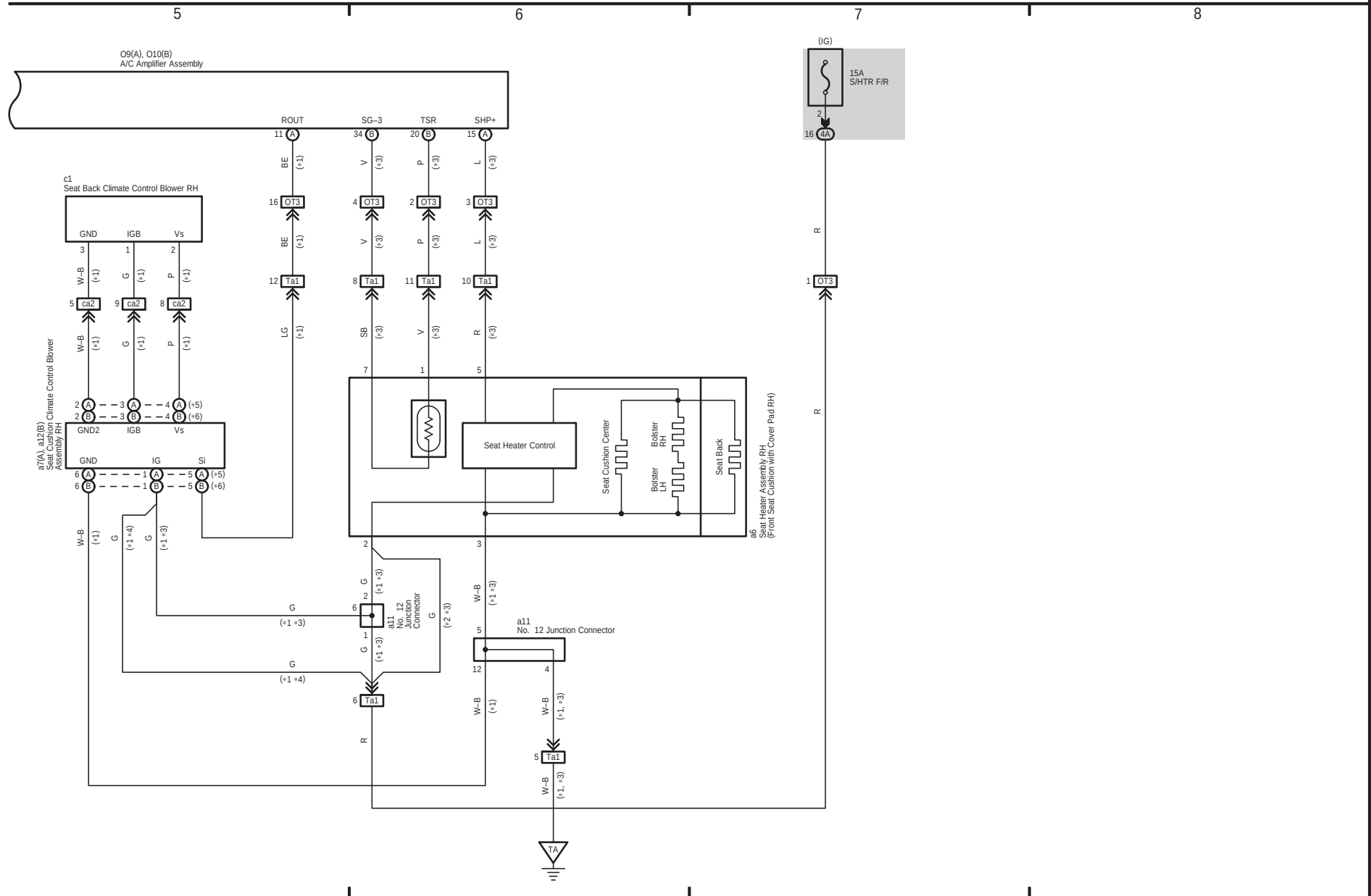




Climate Control Seat, Seat Heater

* 1 : w/ Climate Control Seat
 * 2 : w/o Climate Control Seat
 * 3 : w/ Seat Heater

* 4 : w/o Seat Heater
 * 5 : Before Nov. 2017 Production
 * 6 : From Nov. 2017 Production



Automatic Glare-Resistant EC Mirror

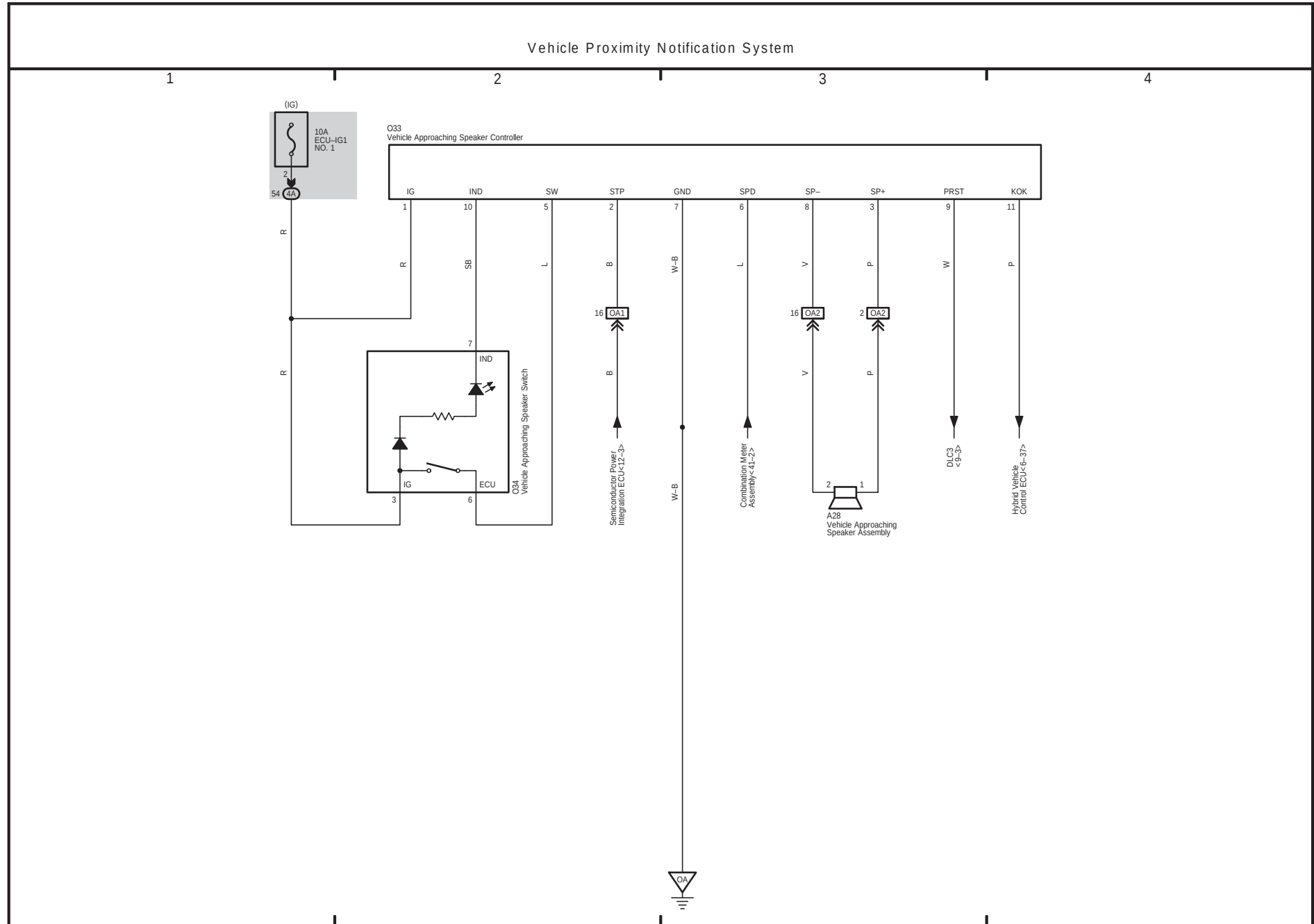
The diagram illustrates the electrical system for an Automatic Glare-Resistant EC Mirror. It is divided into four main sections:

- 1. Main Board:** Shows the power source (BAT) and ground (GND) connections. The power line (LG) passes through a 10A MPX-B fuse (NO. 1) and a 10A IG1 fuse (NO. 3). The ground line (W-B) passes through a 10A MPX-B fuse (NO. 1) and a 10A IG1 fuse (NO. 3). The Main Board is connected to the Inner Rear View Mirror Assembly (W6) and the Outer Mirror Control ECU Assembly LH (S12(A), S13(B)).
- 2. Inner Rear View Mirror Assembly (W6):** This assembly is connected to the Main Board and the Outer Mirror Control ECU Assembly LH. It includes a 10A IG1 fuse (NO. 3) and a 10A MPX-B fuse (NO. 1). The assembly is connected to the Outer Mirror Control ECU Assembly LH (S12(A), S13(B)) via a 10A IG1 fuse (NO. 3) and a 10A MPX-B fuse (NO. 1).
- 3. Outer Mirror Control ECU Assembly LH (S12(A), S13(B)):** This ECU is connected to the Main Board and the Outer Rear View Mirror Assembly LH (S7). It includes a 10A IG1 fuse (NO. 3) and a 10A MPX-B fuse (NO. 1).
- 4. Outer Rear View Mirror Assembly LH (S7):** This assembly is connected to the Outer Mirror Control ECU Assembly LH (S12(A), S13(B)) and the Outer Rear View Mirror Assembly RH (R7). It includes a 10A IG1 fuse (NO. 3) and a 10A MPX-B fuse (NO. 1).

Legend:

- * 2 : w/ Seat Position Memory
- * 3 : w/o Seat Position Memory
- * 4 : Outer Rear View Mirror w/ Automatic Glare-Resistant EC Mirror
- * 7 : Before Nov. 2017 Production
- * 8 : From Nov. 2017 Production

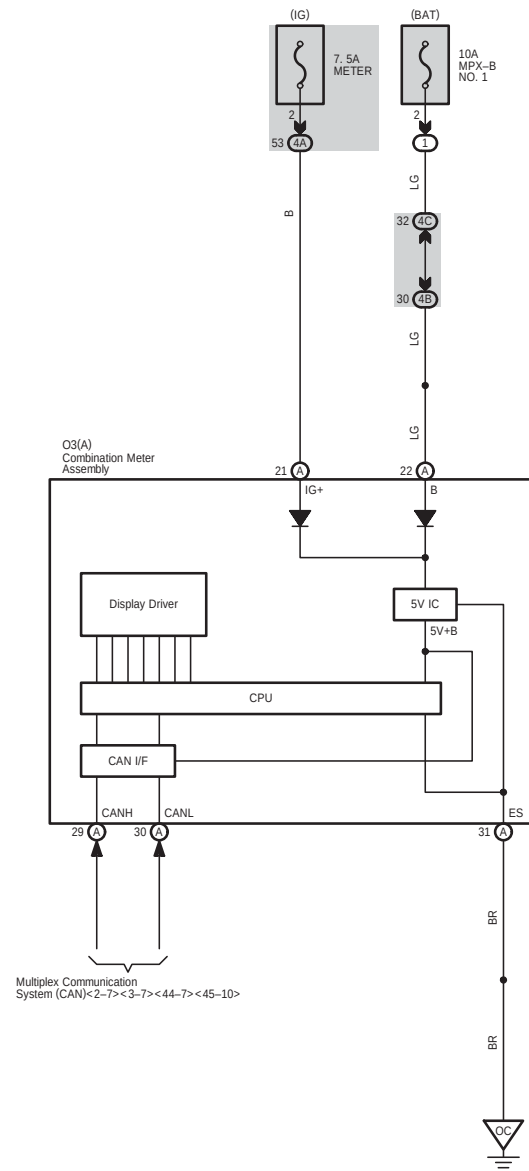
- * 2 : w/ Seat Position Memory
- * 3 : w/o Seat Position Memory
- * 4 : Outer Rear View Mirror
w/ Automatic Glare-Resistant EC Mirror
- * 7 : Before Nov. 2017 Production
- * 8 : From Nov. 2017 Production



* 1 : w/ Seat Position Memory
* 2 : w/o Seat Position Memory

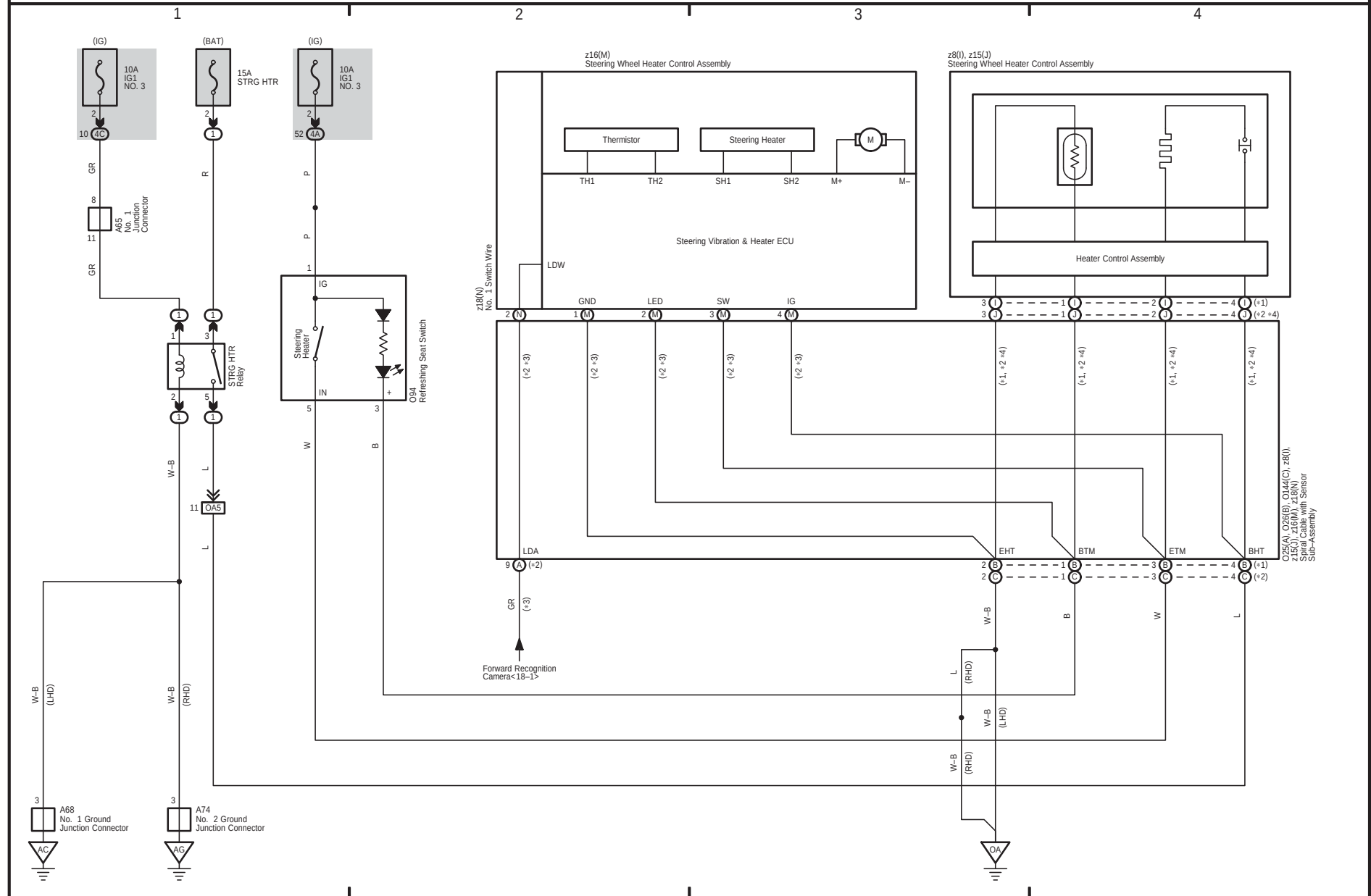


Blind Spot Monitor System

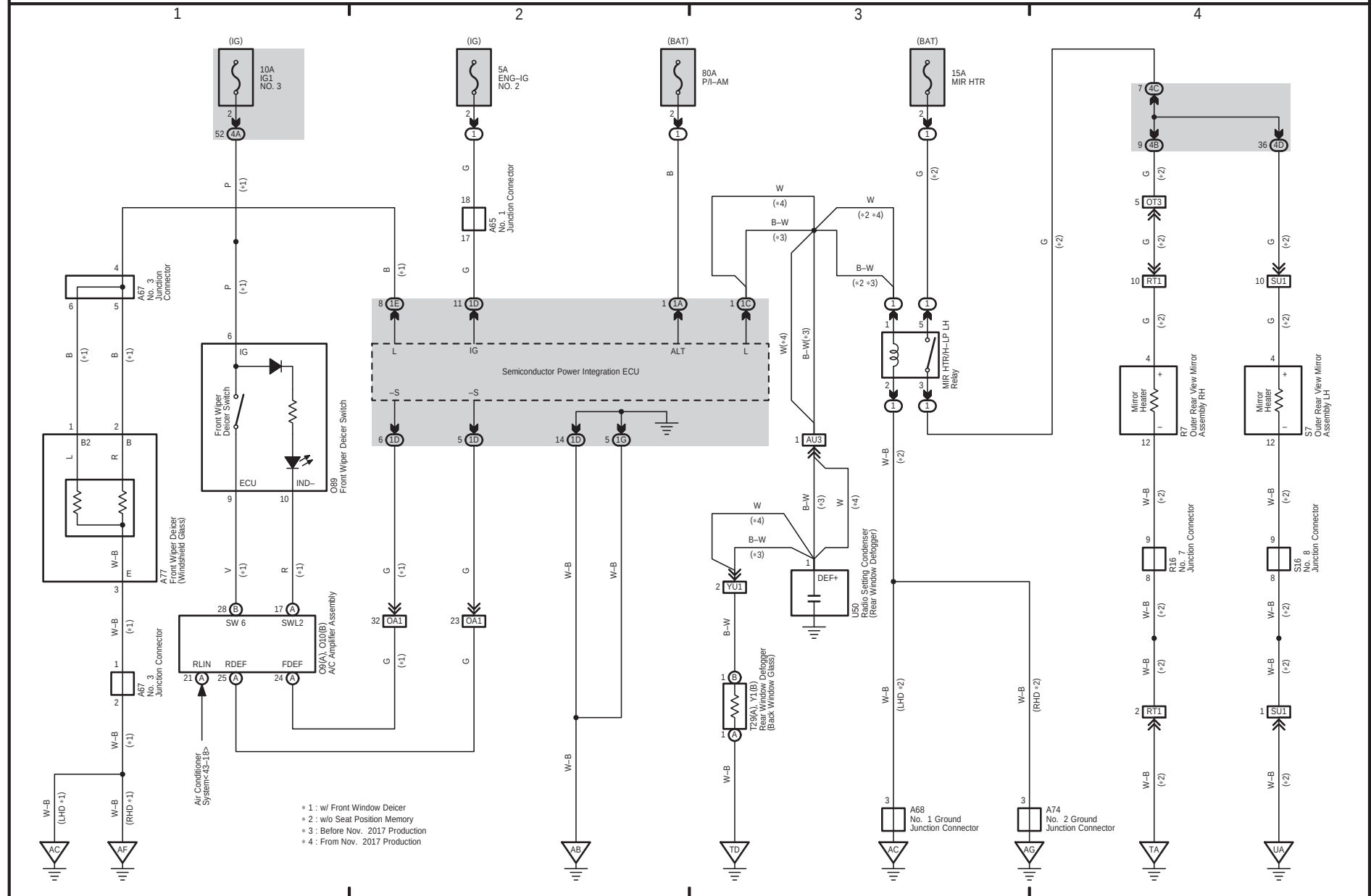


Heated Steering Wheel System

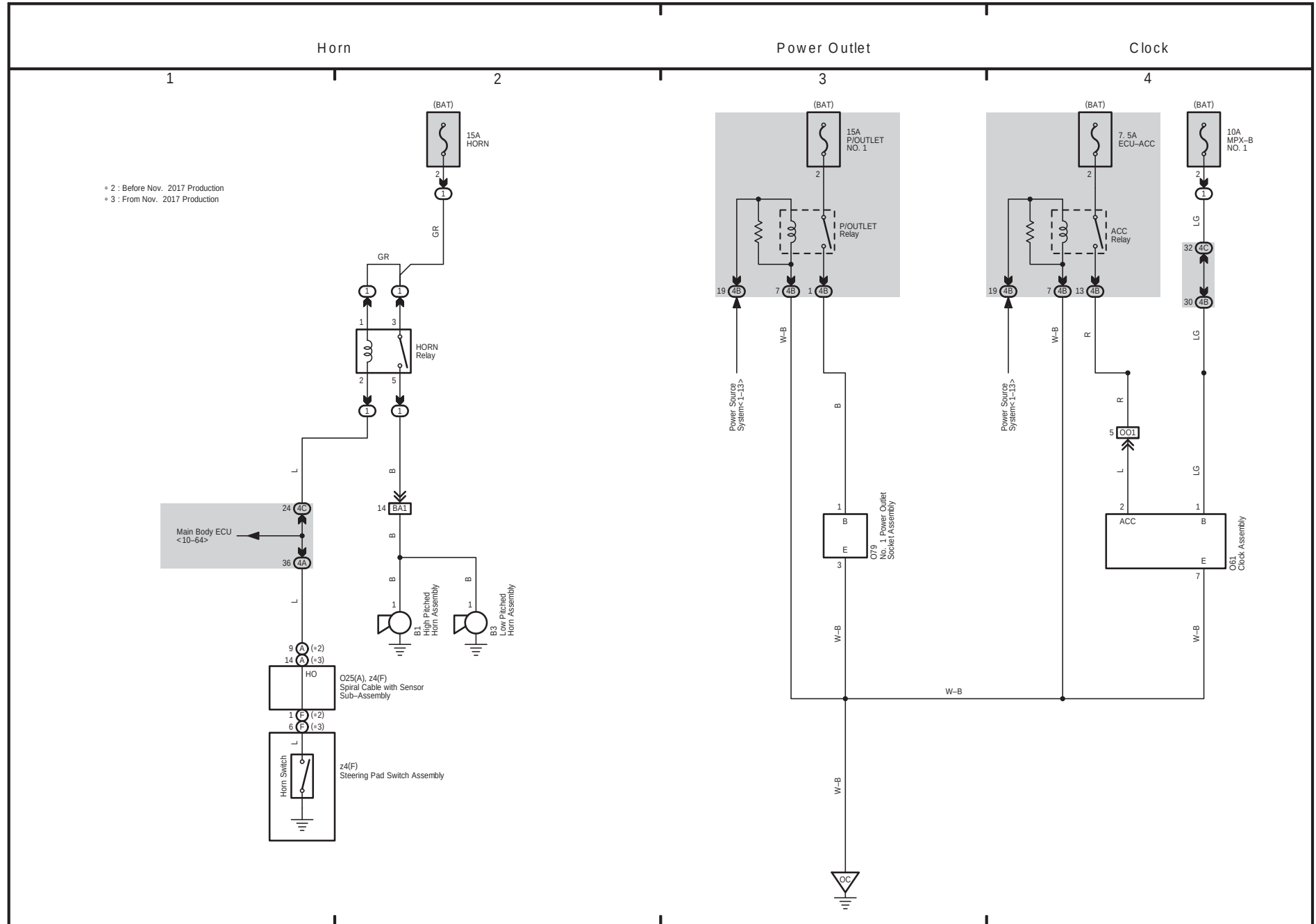
- * 1 : Before Nov. 2017 Production
- * 2 : From Nov. 2017 Production
- * 3 : w/ Lane Departure Alert
- * 4 : w/o Lane Departure Alert



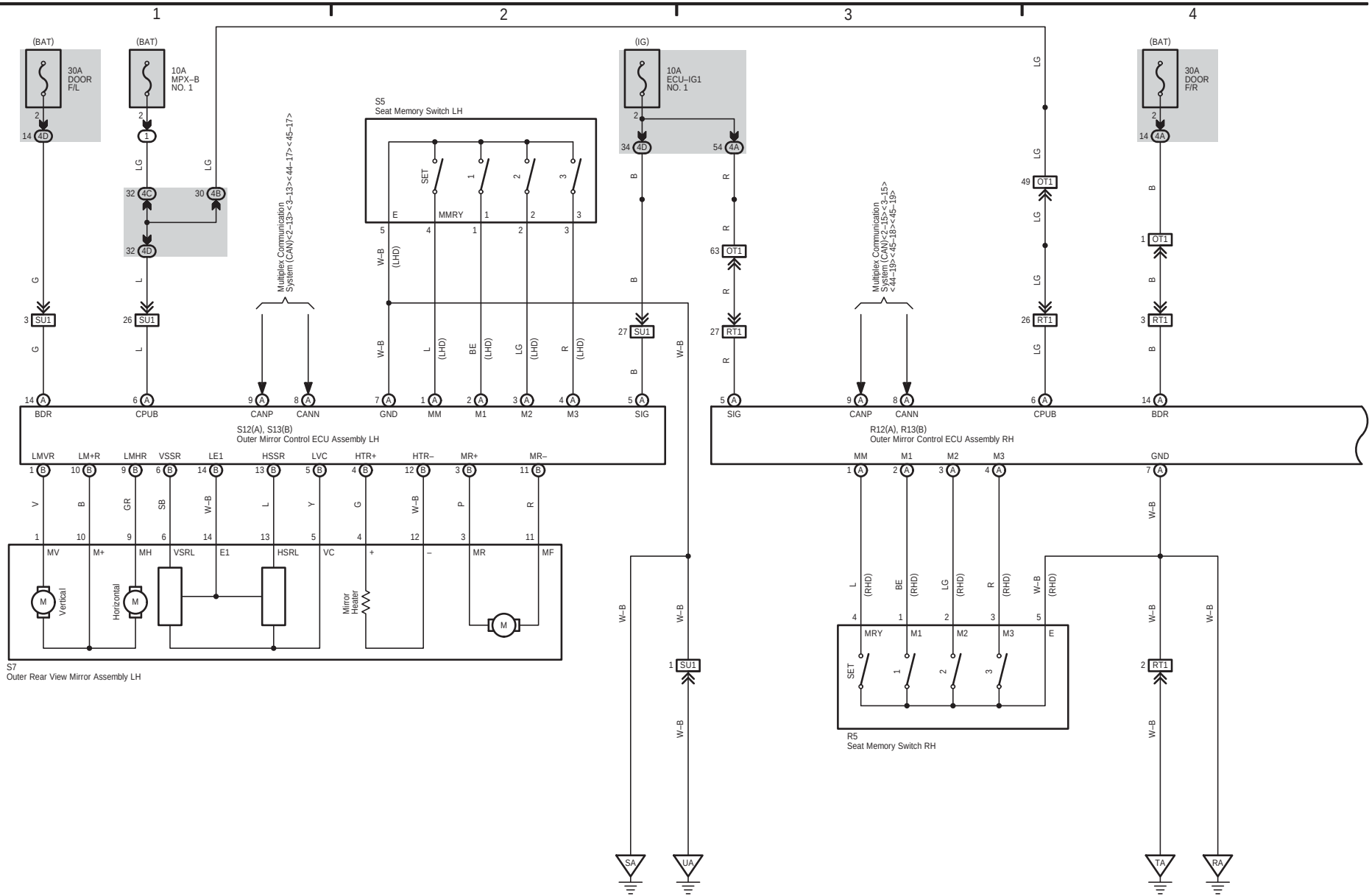
Front Window Deicer

Mirror Heater (w/o Seat Position Memory),
Rear Window Defogger

35 RC 300h



Remote Control Mirror (w/ Seat Position Memory), Mirror Heater (w/ Seat Position Memory)



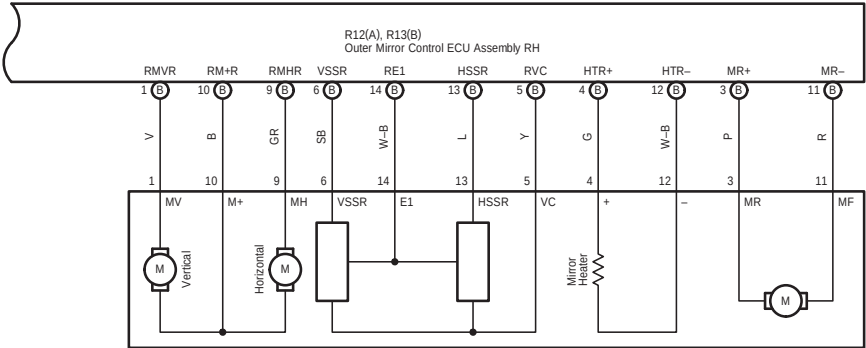
Remote Control Mirror (w/ Seat Position Memory), Mirror Heater (w/ Seat Position Memory)

5

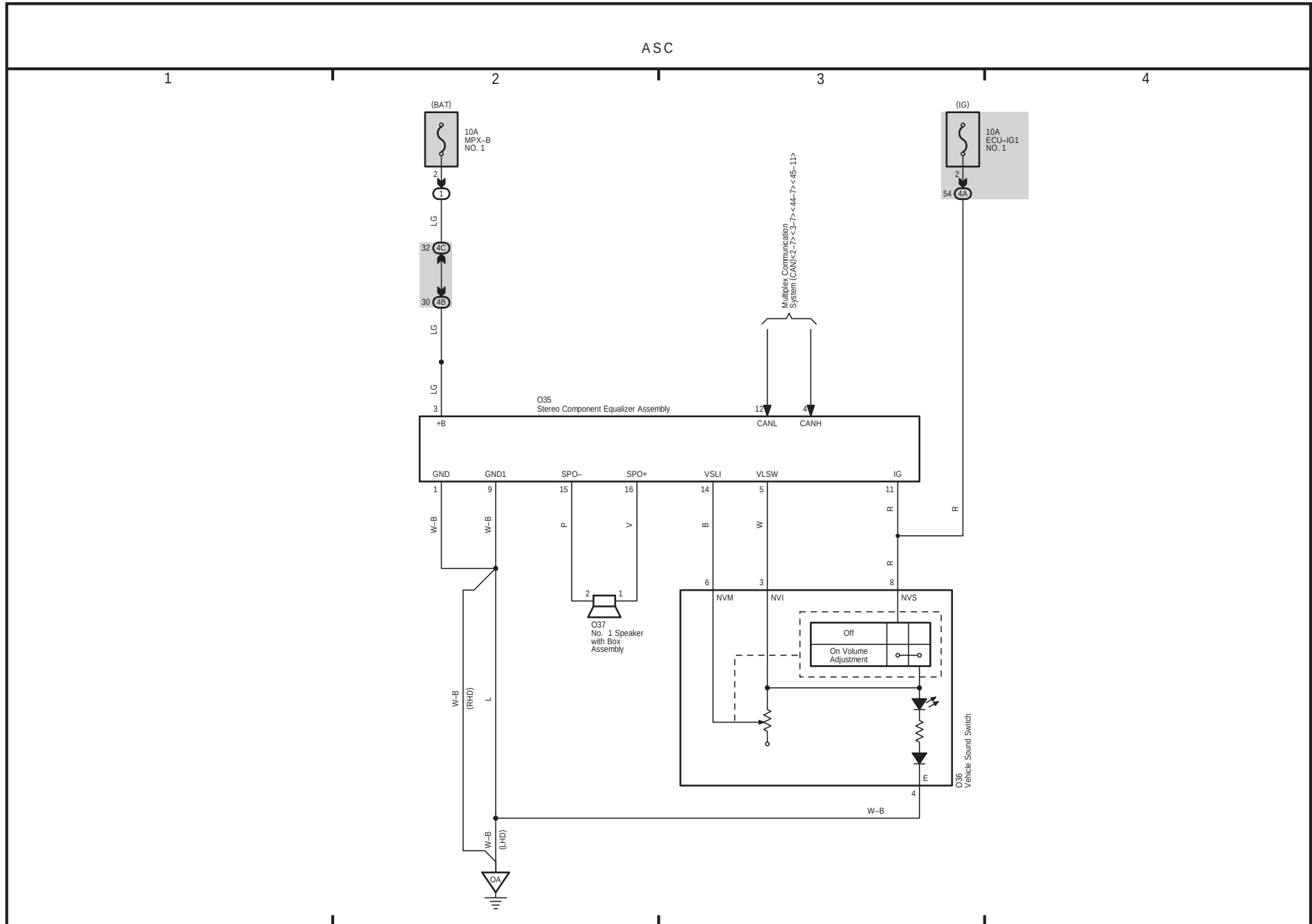
6

7

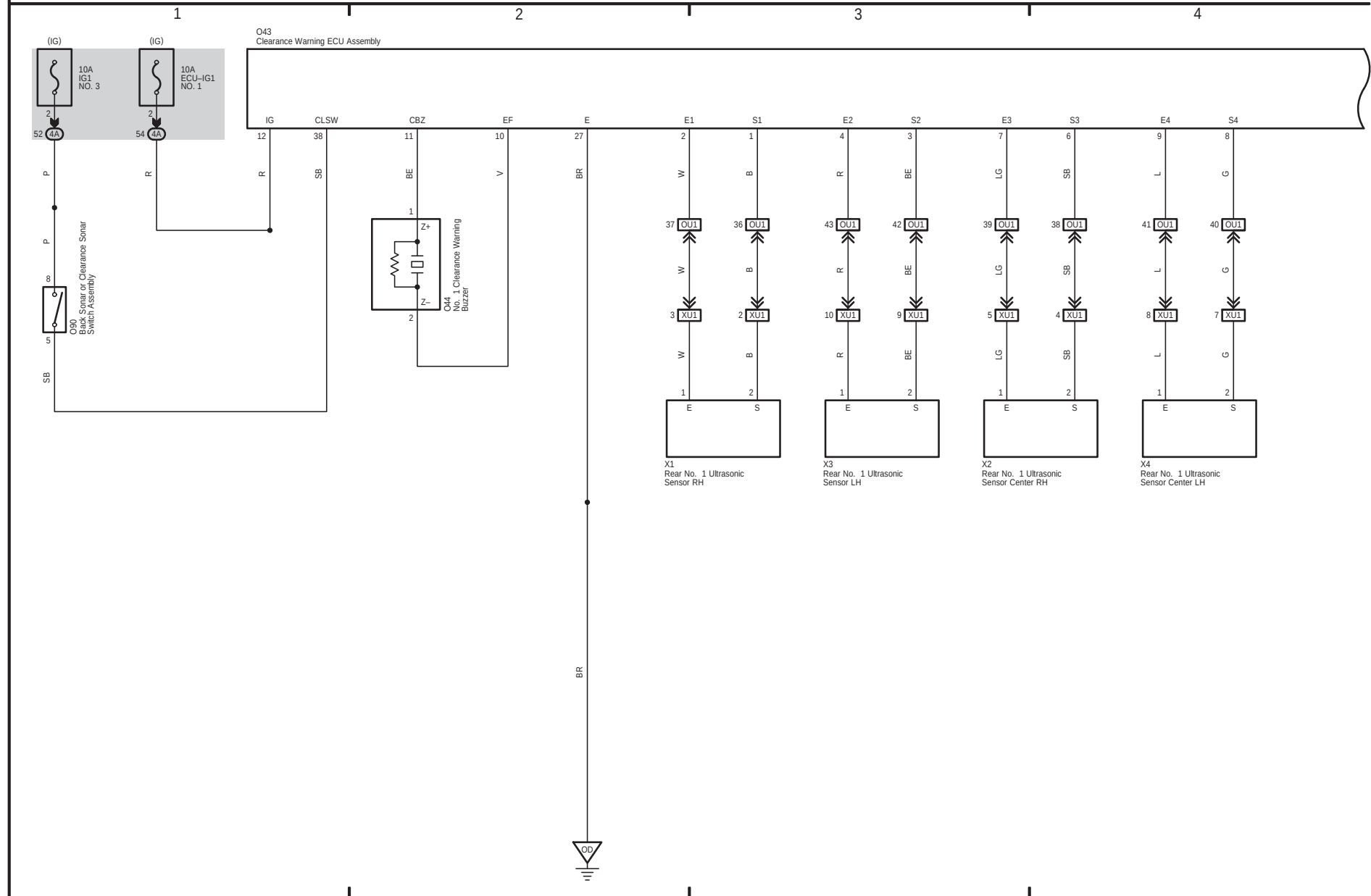
8



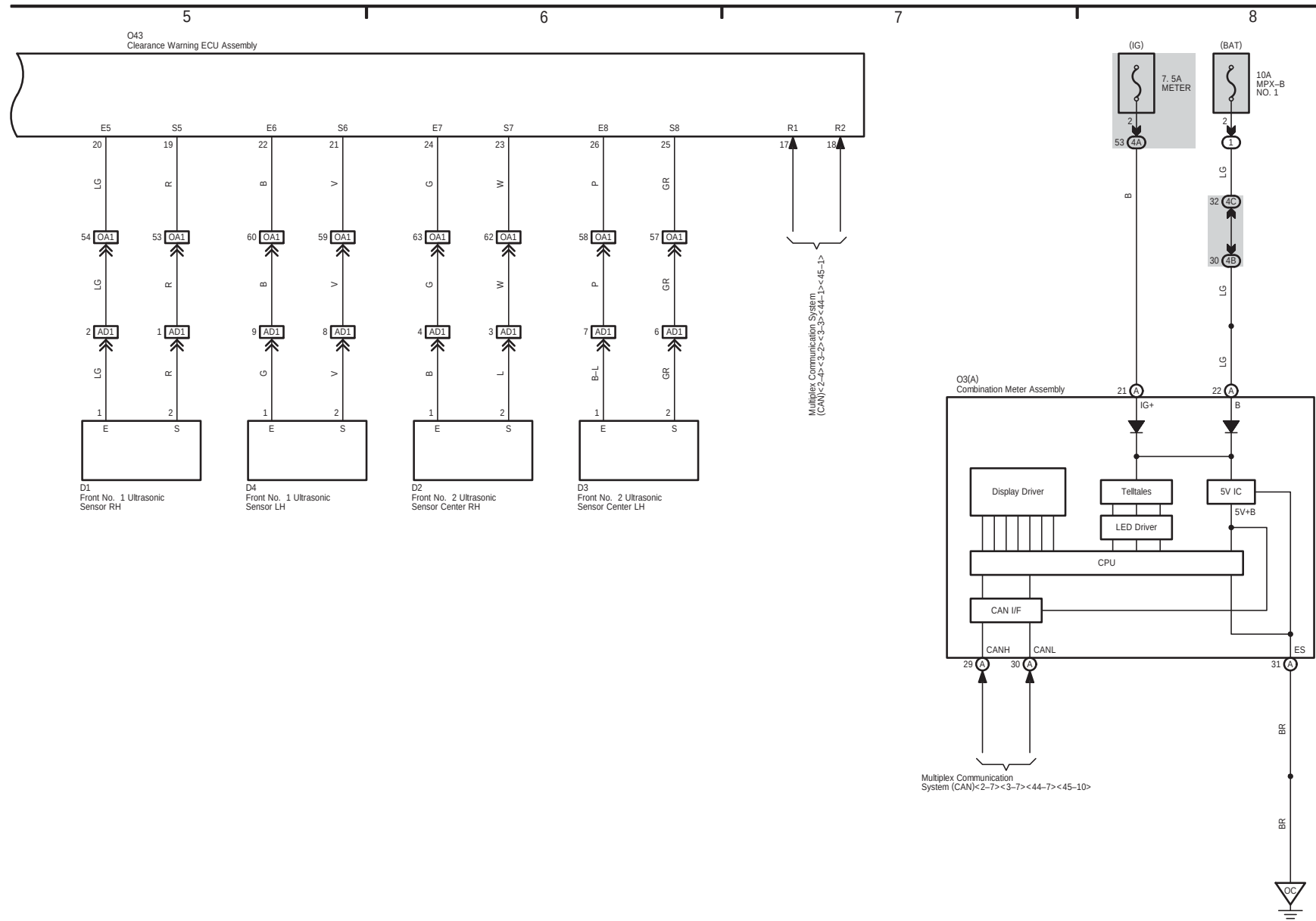
R7
Outer Rear View Mirror Assembly RH



LEXUS Parking Assist–Sensor System



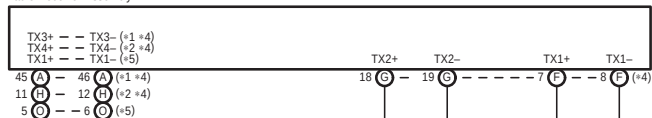
LEXUS Parking Assist-Sensor System



Multiplex Communication System (AVC-LAN)

- * 1 : Except LEXUS Display Audio Type
- * 2 : LEXUS Display Audio Type
- * 3 : w/ Stereo Component Amplifier Assembly
- * 4 : Before Nov. 2017 Production
- * 5 : From Nov. 2017 Production

O57(A), O70(F), O71(G), O72(H), O146(O)
Radio Receiver Assembly

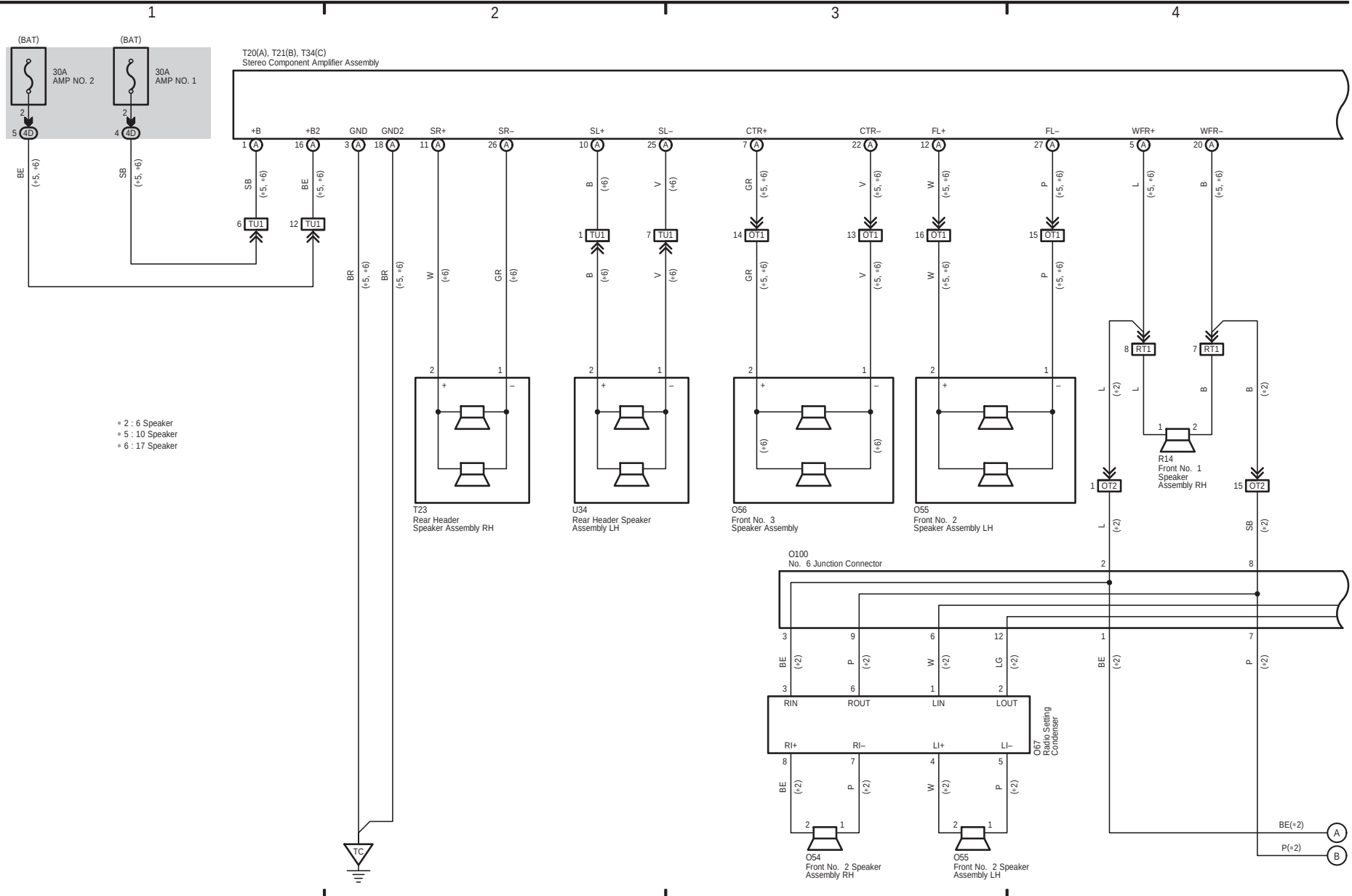


O60(A)
Multi-Display
Assembly

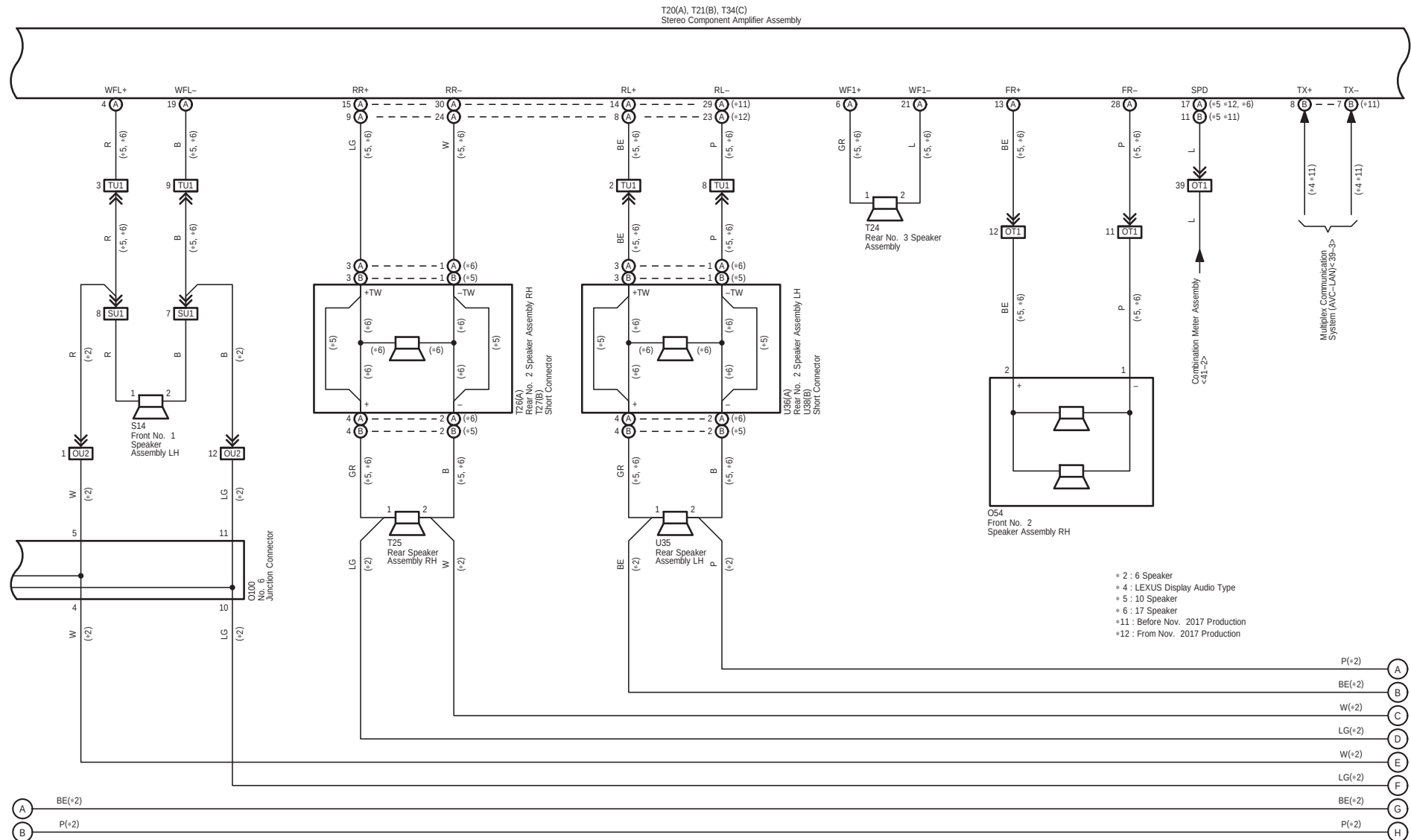
O76(B)
Remote Operation
Controller Assembly

T21(B)
Stereo Component Amplifier Assembly

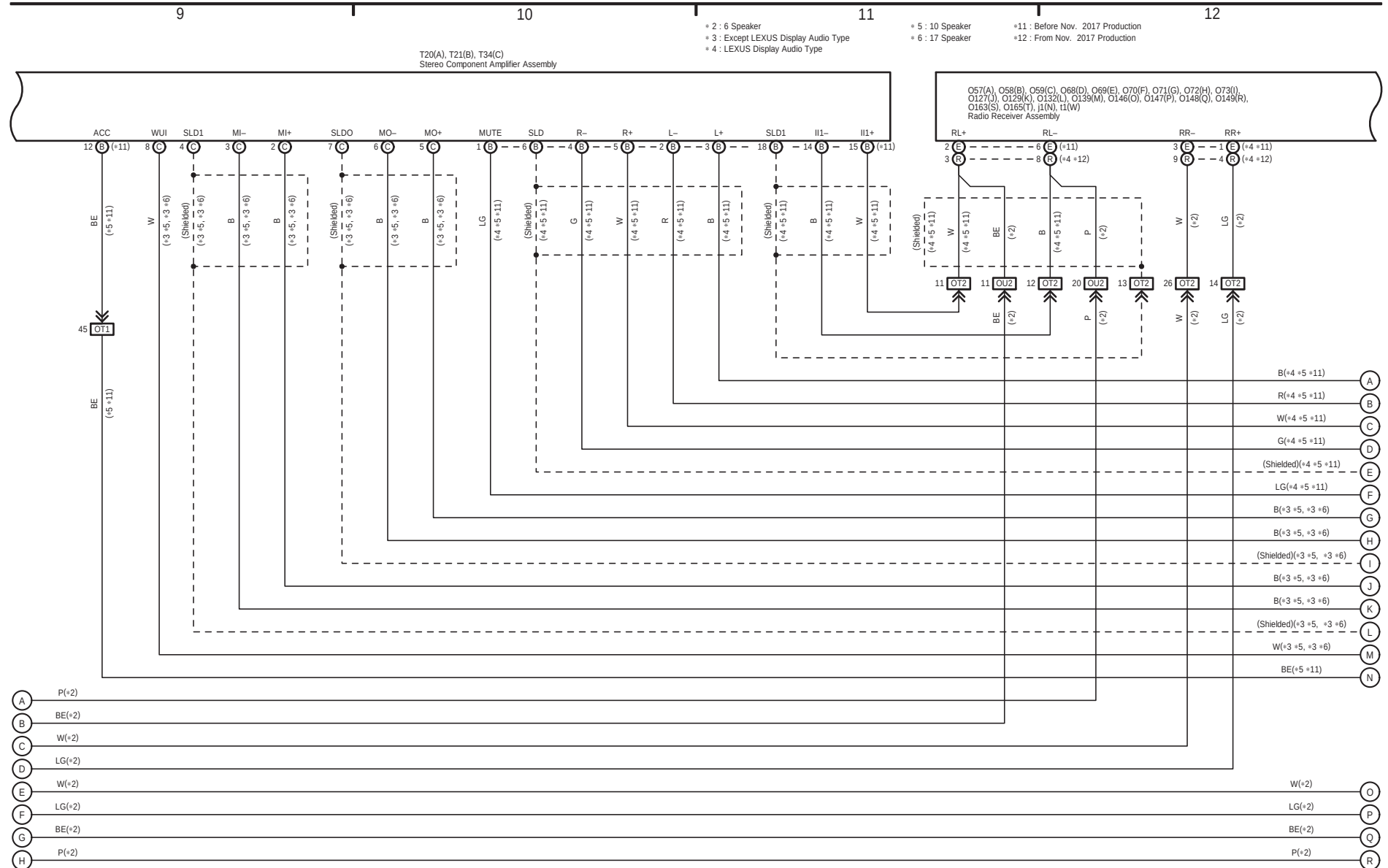
Audio System, Back Guide Monitor System, LEXUS Navigation System, Rear View Monitor System



A horizontal number line with tick marks at 5, 6, 7, and 8. The numbers are written below the line.



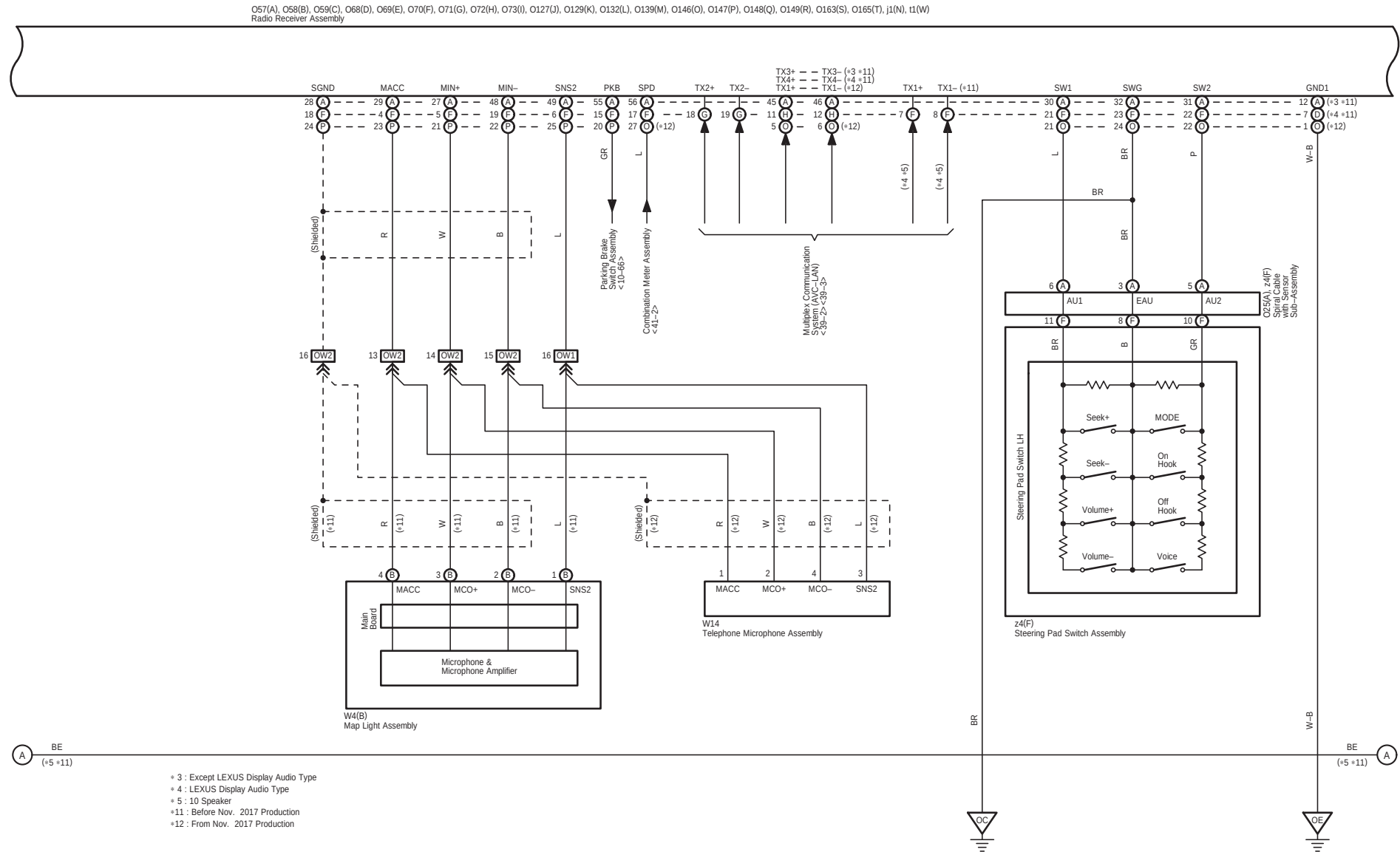
Audio System, Back Guide Monitor System, LEXUS Navigation System, Rear View Monitor System



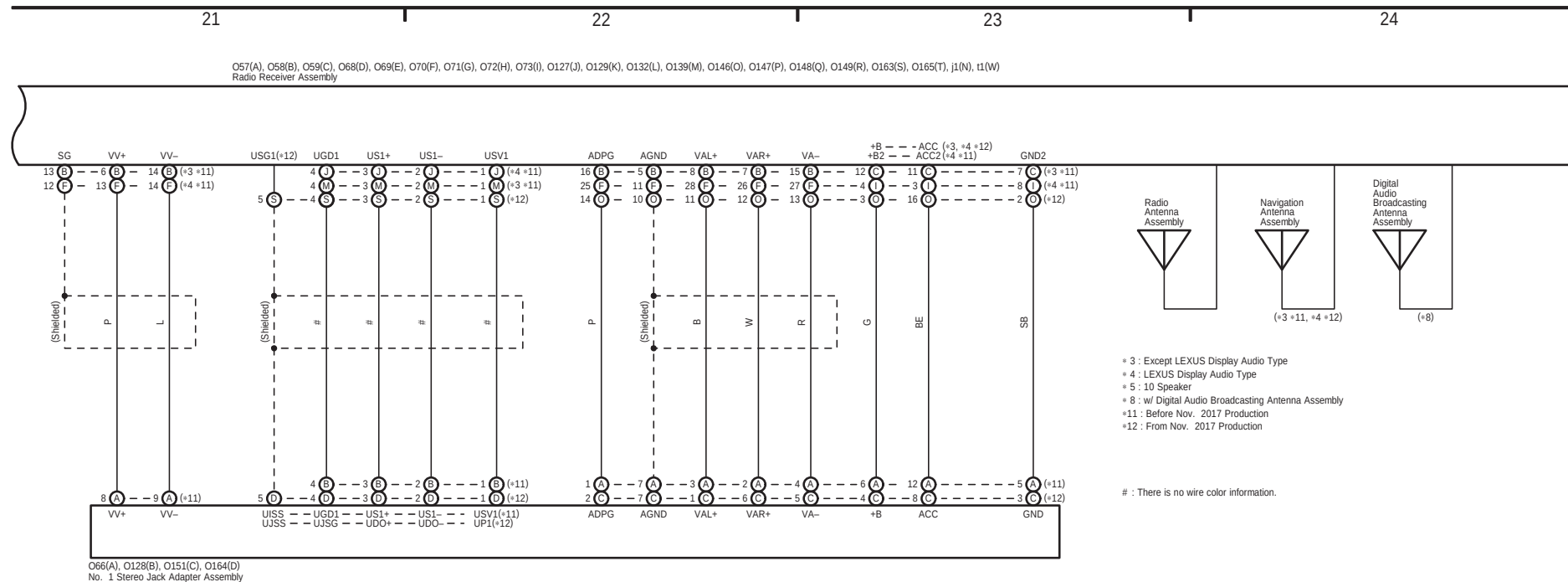
16



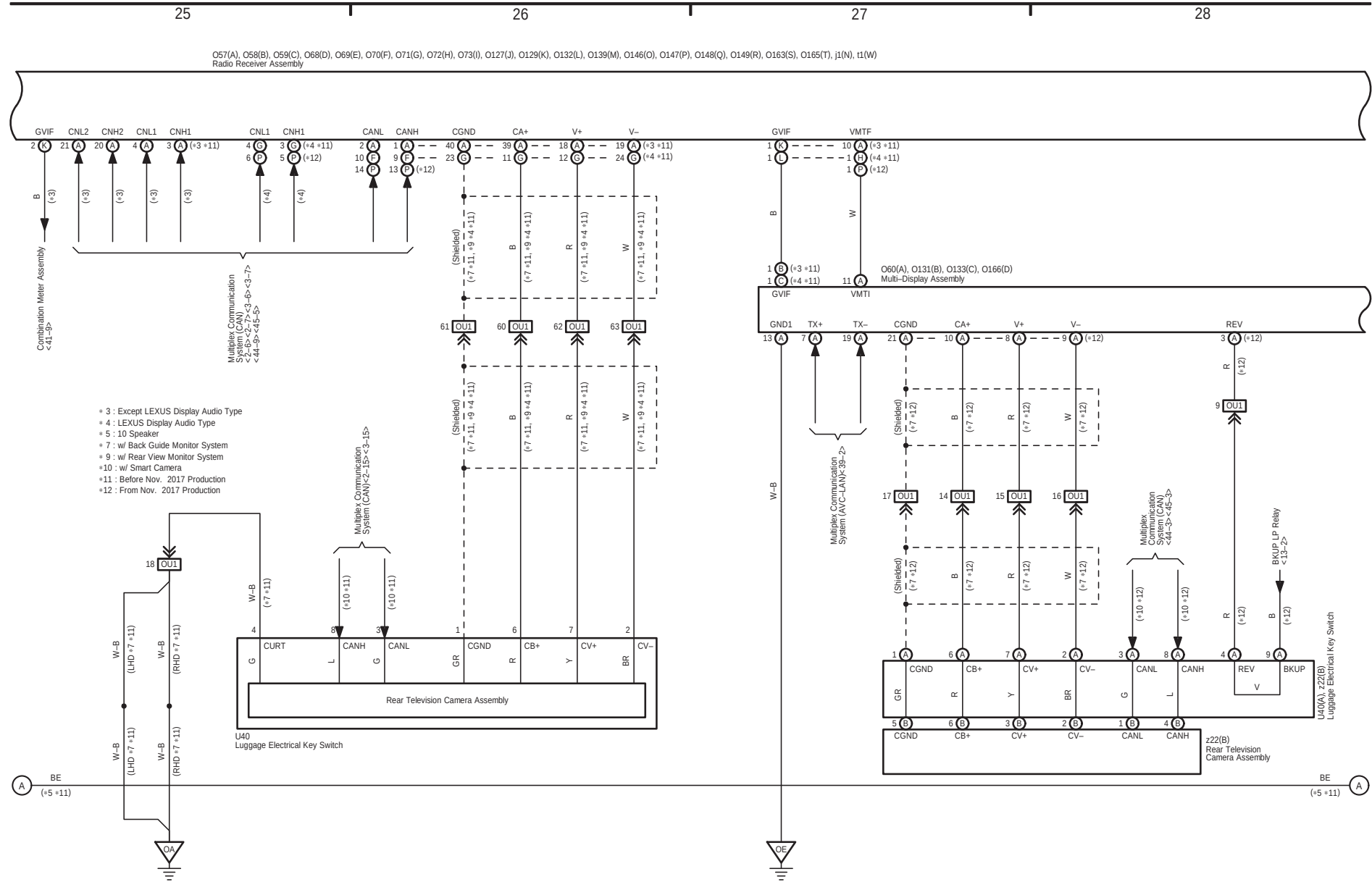
20



Audio System, Back Guide Monitor System, LEXUS Navigation System, Rear View Monitor System



Audio System, Back Guide Monitor System, LEXUS Navigation System, Rear View Monitor System



057(A), 058(B), 059(C), 068(D), 069(E), 070(F), 071(G), 072(H), 073(I), 0127(J), 0129(K), 0132(L), 0139(M), 0146(O), 0147(P), 0148(Q), 0149(R), 0163(S), 0165(T), j1(N), i1(W)

Radio Receiver Assembly

29 30 31 32

GND GVIF+ GVIF- (+12)

3 2 1

(Shielded) GR GR

3 1 2 (+12)

GND GVIF+ GVIF-

ACC B

24 12

BE V

060(A), 0131(B), 0133(C), 0166(D)

Multi-Display Assembly

LG (*3 +12)

7 28 19

SUP REV2 RST

22 23

SI+ SI-

(Shielded) (*3 +12) R L

24 25 26

SGND MCO+ MCO-

(Shielded) (*3 +12) B W

6 5 4

USBS USB- USB+

(Shielded) (*3 +12) B

3 2 1

GND GVIF+ GVIF-

B (*3 +12) B (*3 +12) B (*3 +12)

21 19 22

SUP REV2 RST

8 6 7

SLD1 VOI+ VOI-

13 14

MIC+ MIC-

6 5 4

USBS USB- USB+

3 2 1

GND GVIF+ GVIF-

+B

0150(A), i2(B)

Navigation ECU

23 9

GND SPD

W-B (*3 +12) L (*3 +12)

Navigation Antenna Assembly

(+3 +12)

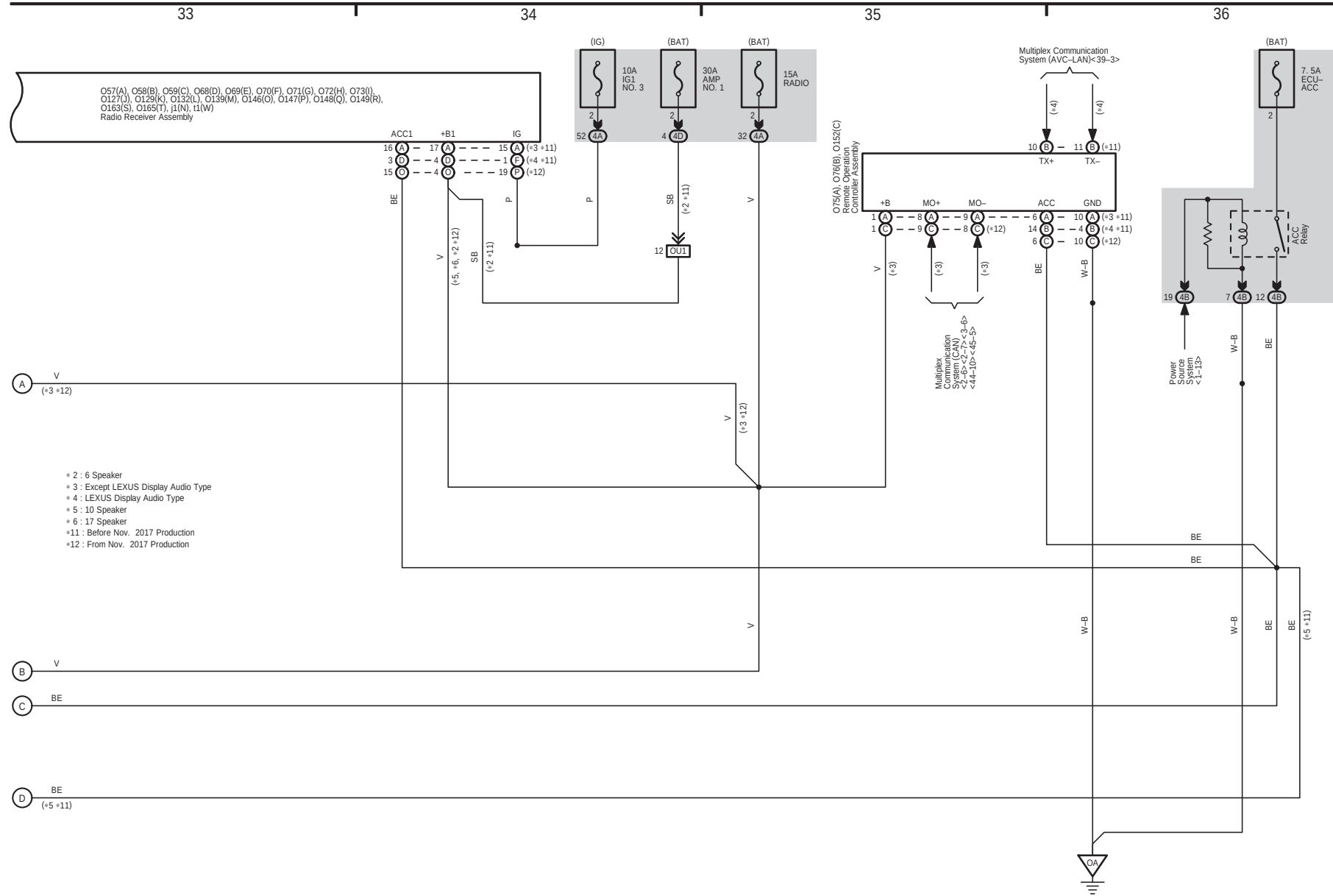
Combination Meter Assembly<41-1>

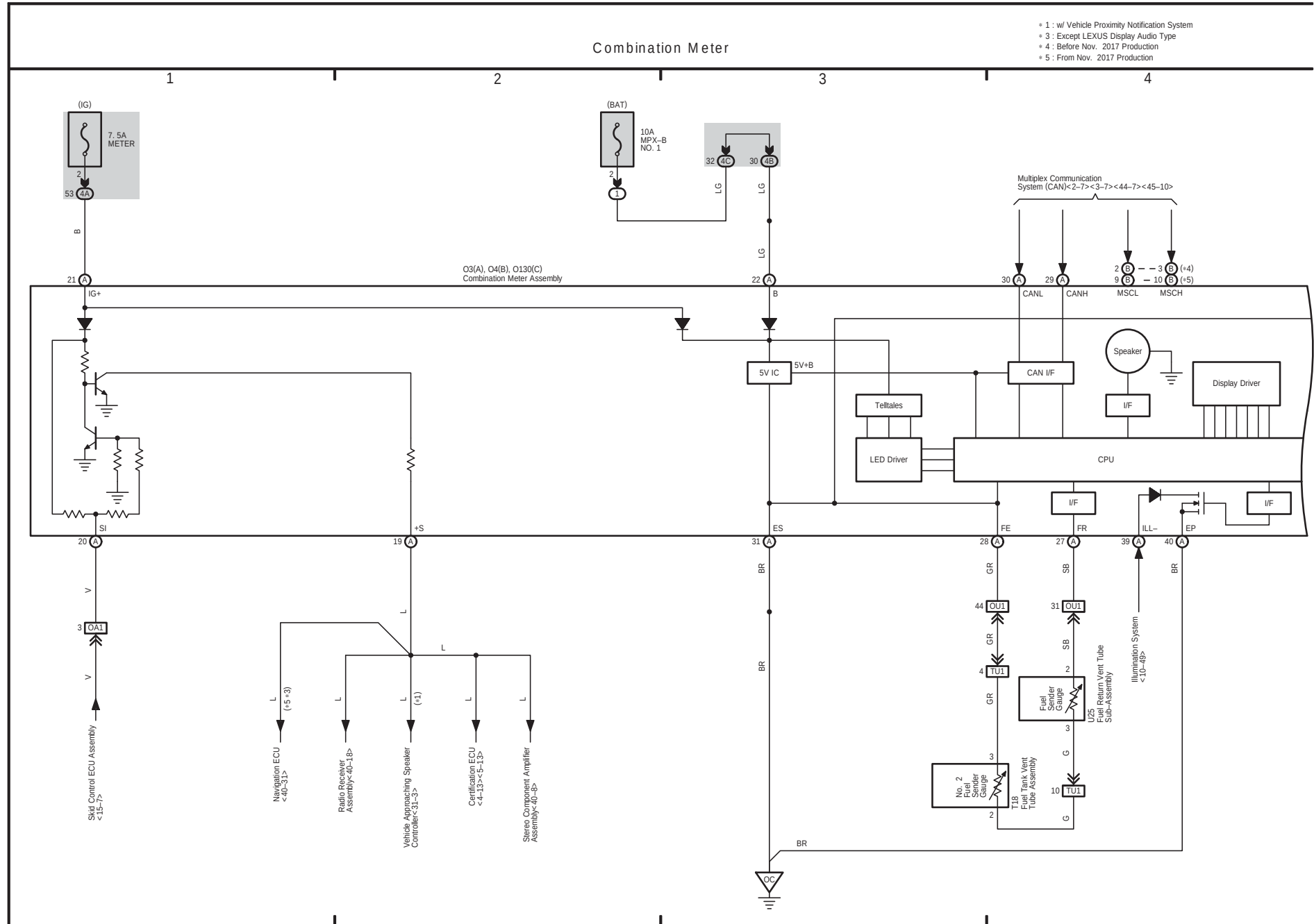
* 3 : Except LEXUS Display Audio Type
* 5 : 10 Speaker
*11 : Before Nov. 2017 Production
*12 : From Nov. 2017 Production

BE V BE BE

(+5 +11) (+3 +12) (+5 +11) (+5 +11)

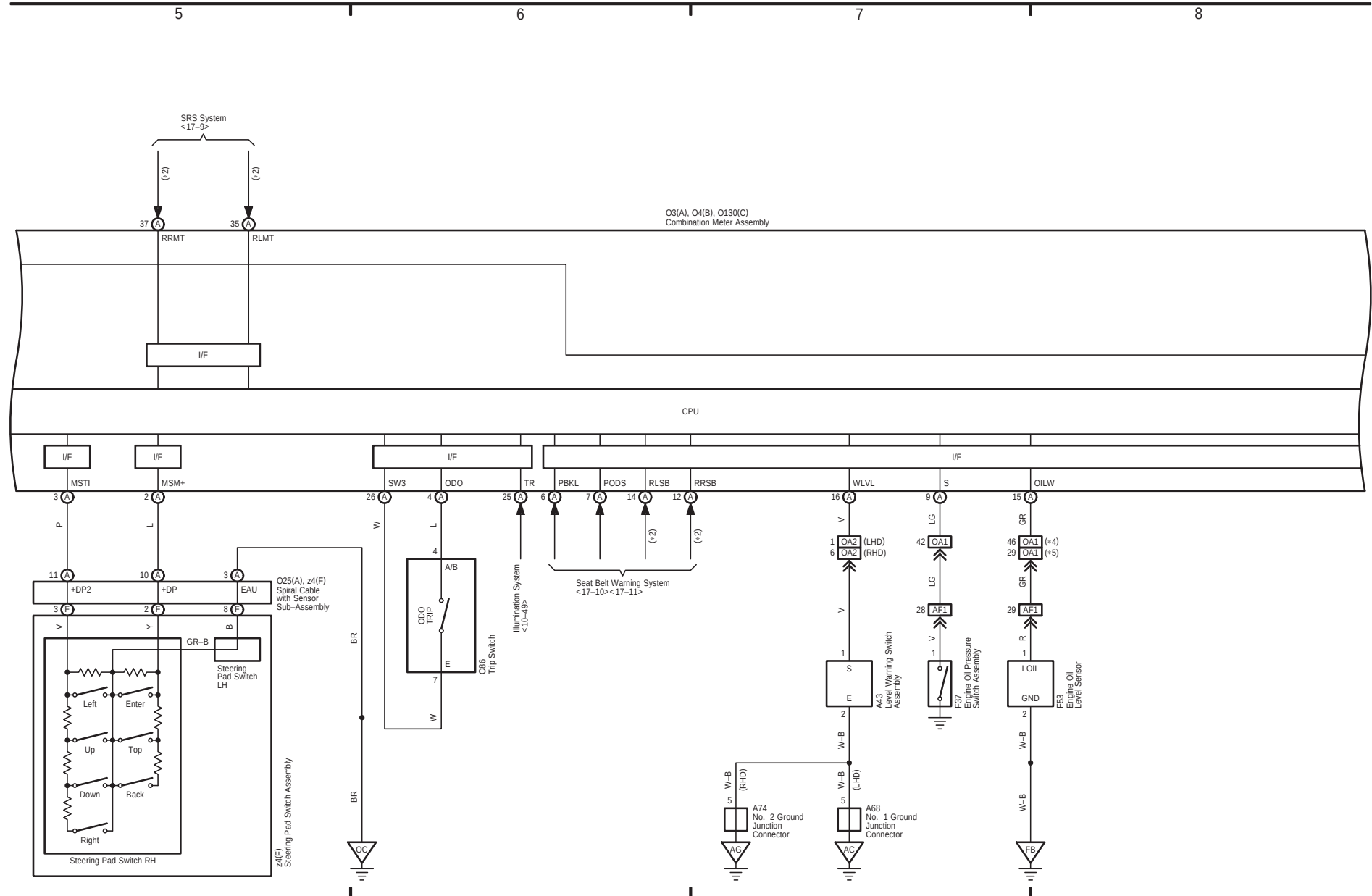
Audio System, Back Guide Monitor System, LEXUS Navigation System, Rear View Monitor System





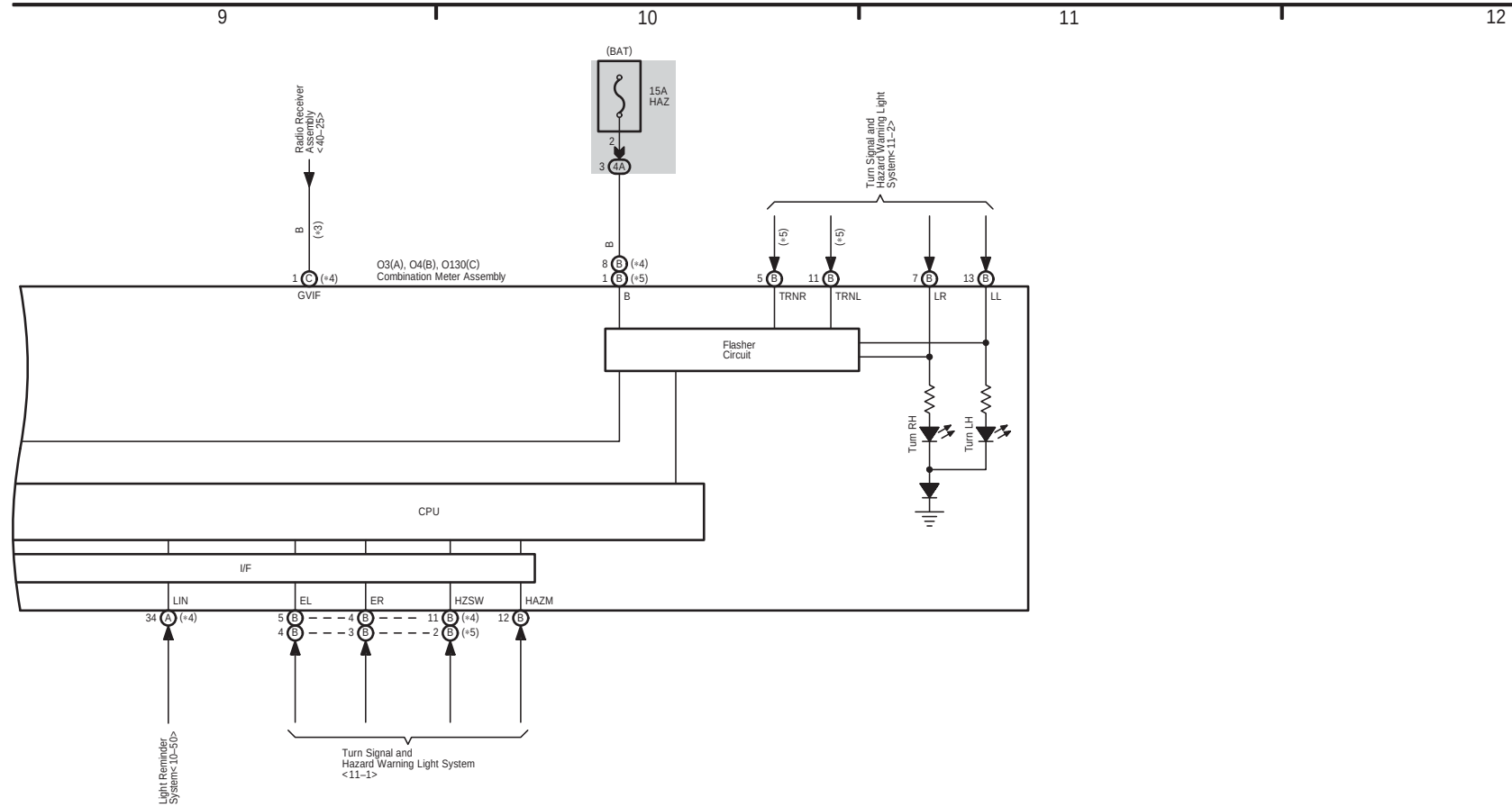
Combination Meter

- * 2 : w/ Rear Passenger' s Seat Belt Warning
- * 4 : Before Nov. 2017 Production
- * 5 : From Nov. 2017 Production

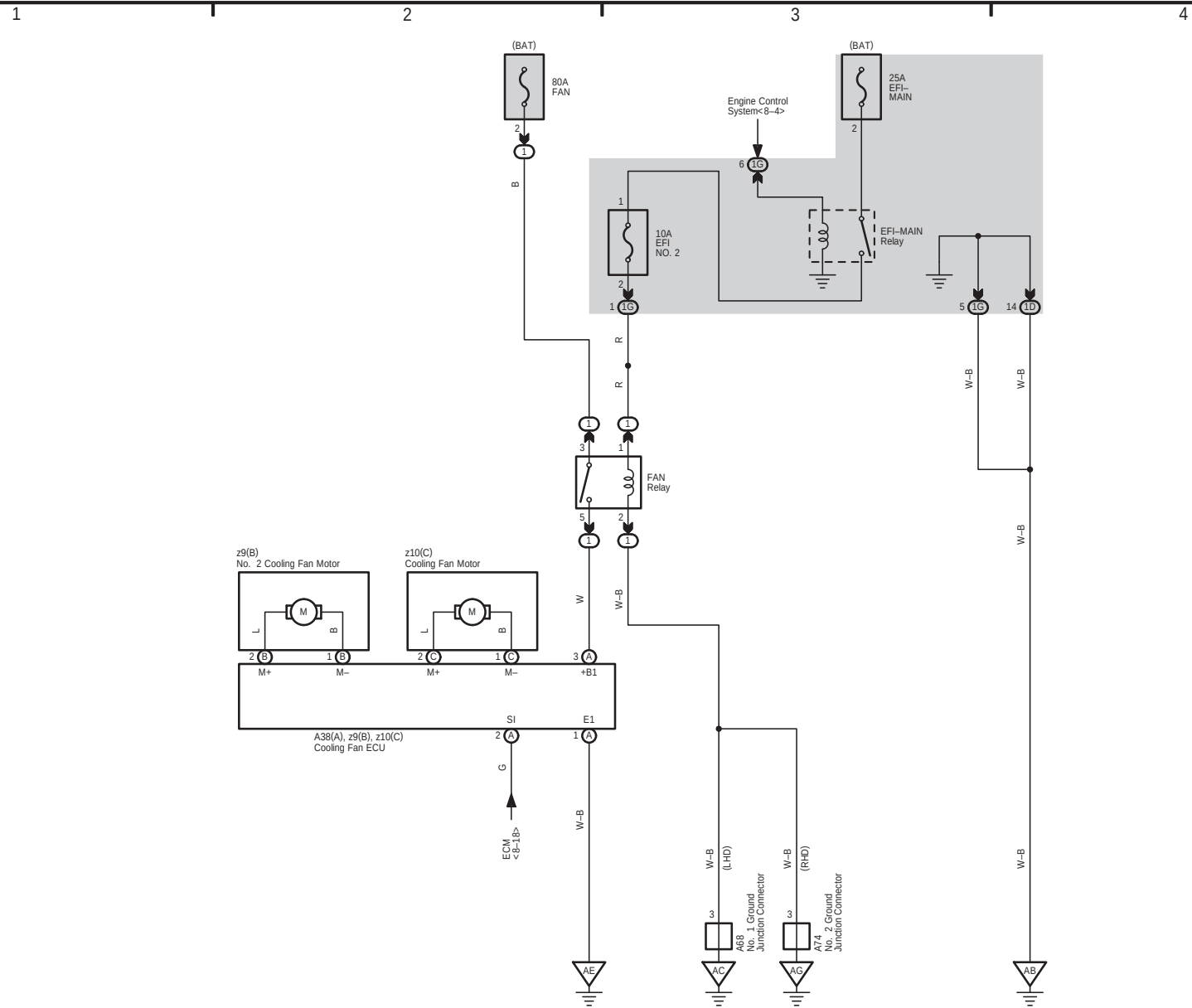


Combination Meter

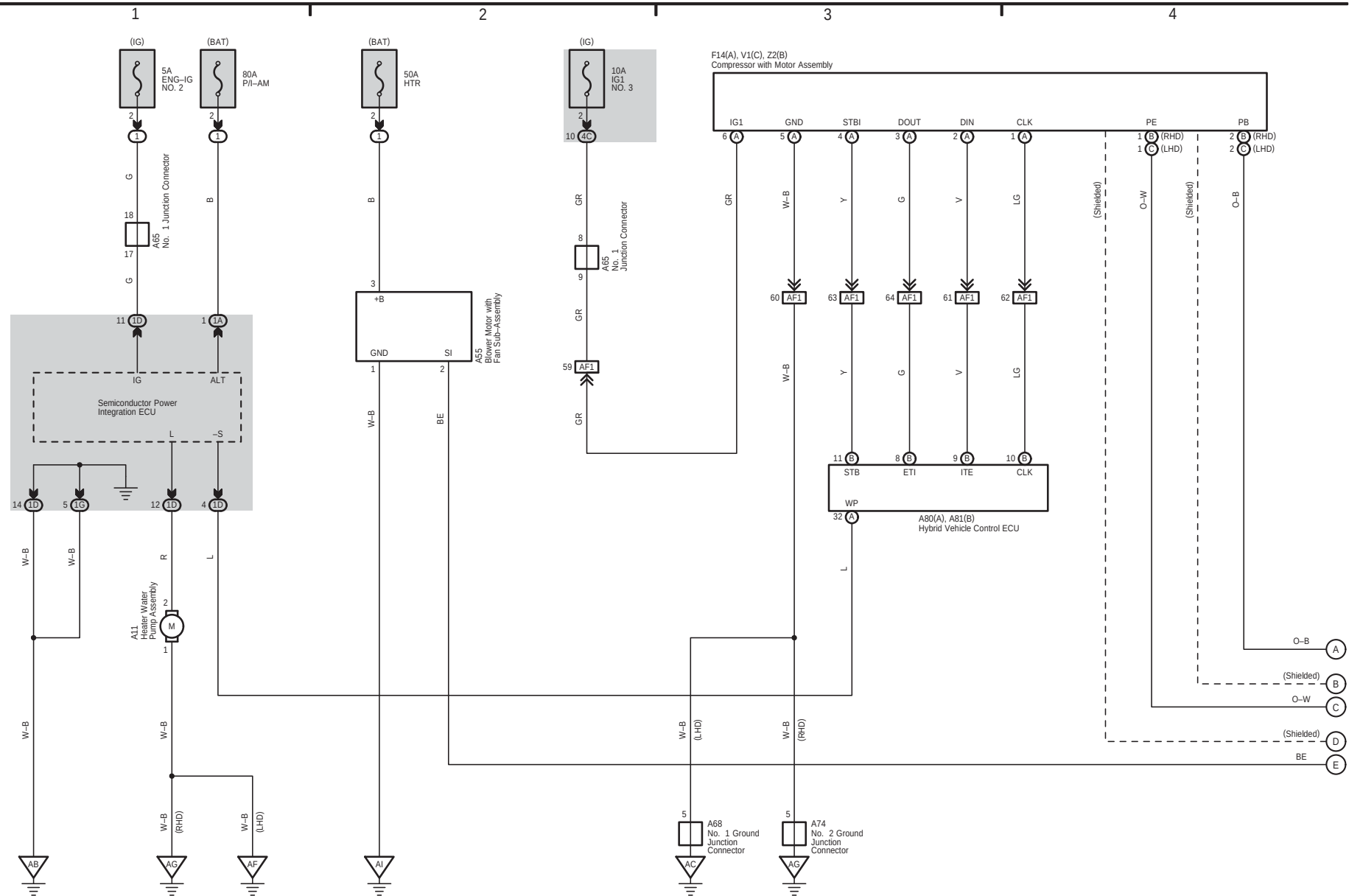
- * 3 : Except LEXUS Display Audio Type
- * 4 : Before Nov. 2017 Production
- * 5 : From Nov. 2017 Production



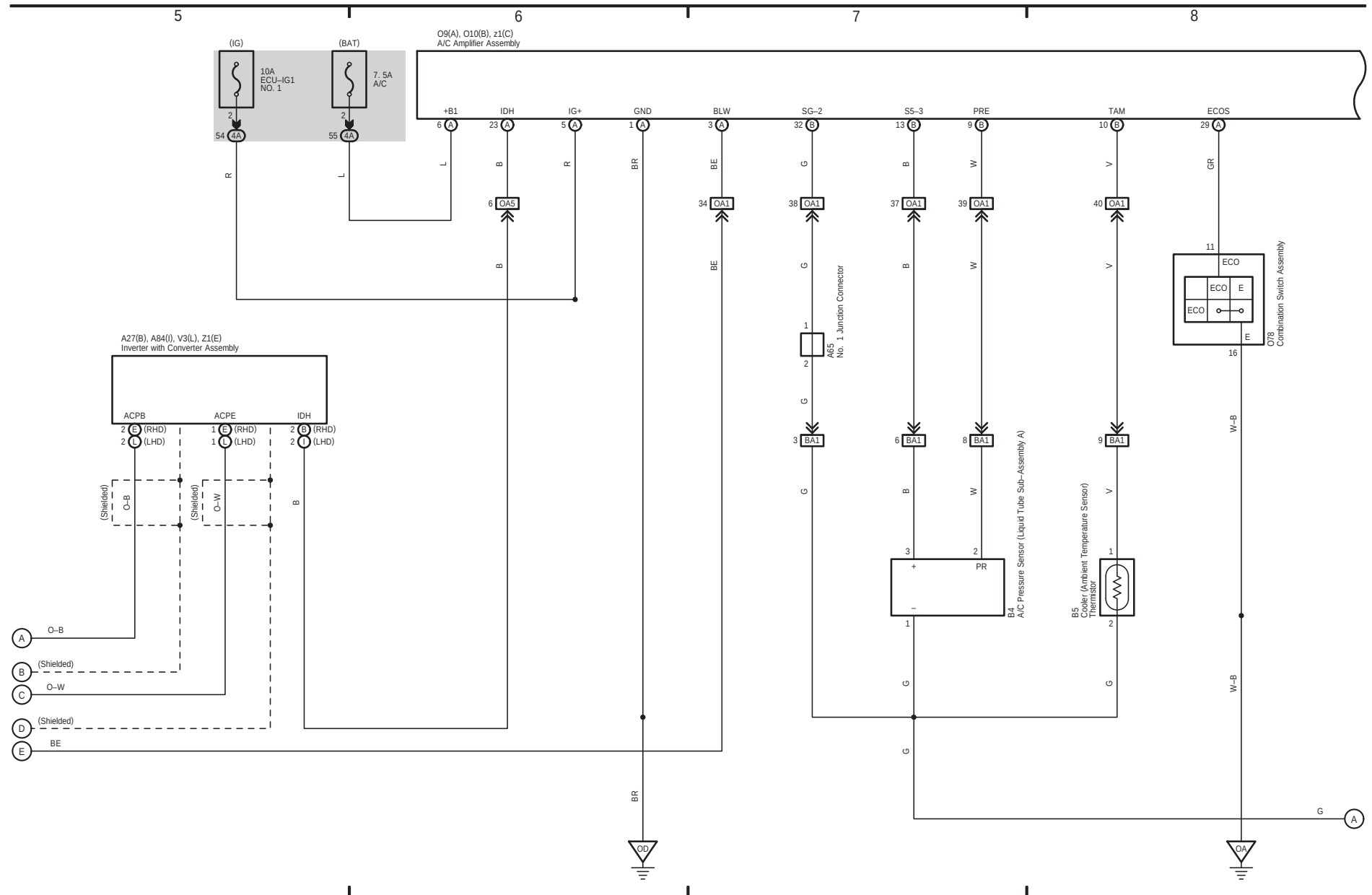
Cooling Fan

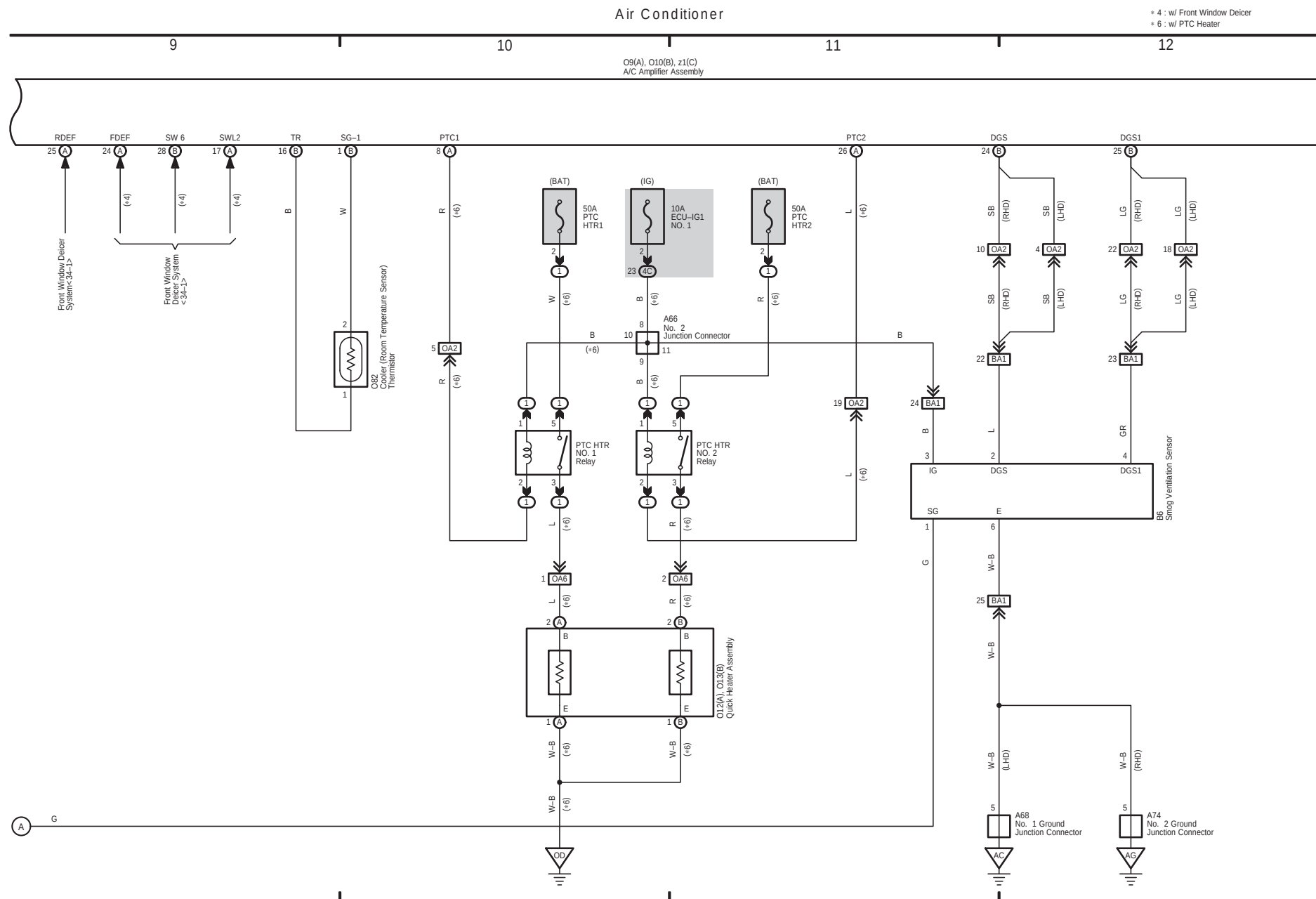


Air Conditioner



Air Conditioner





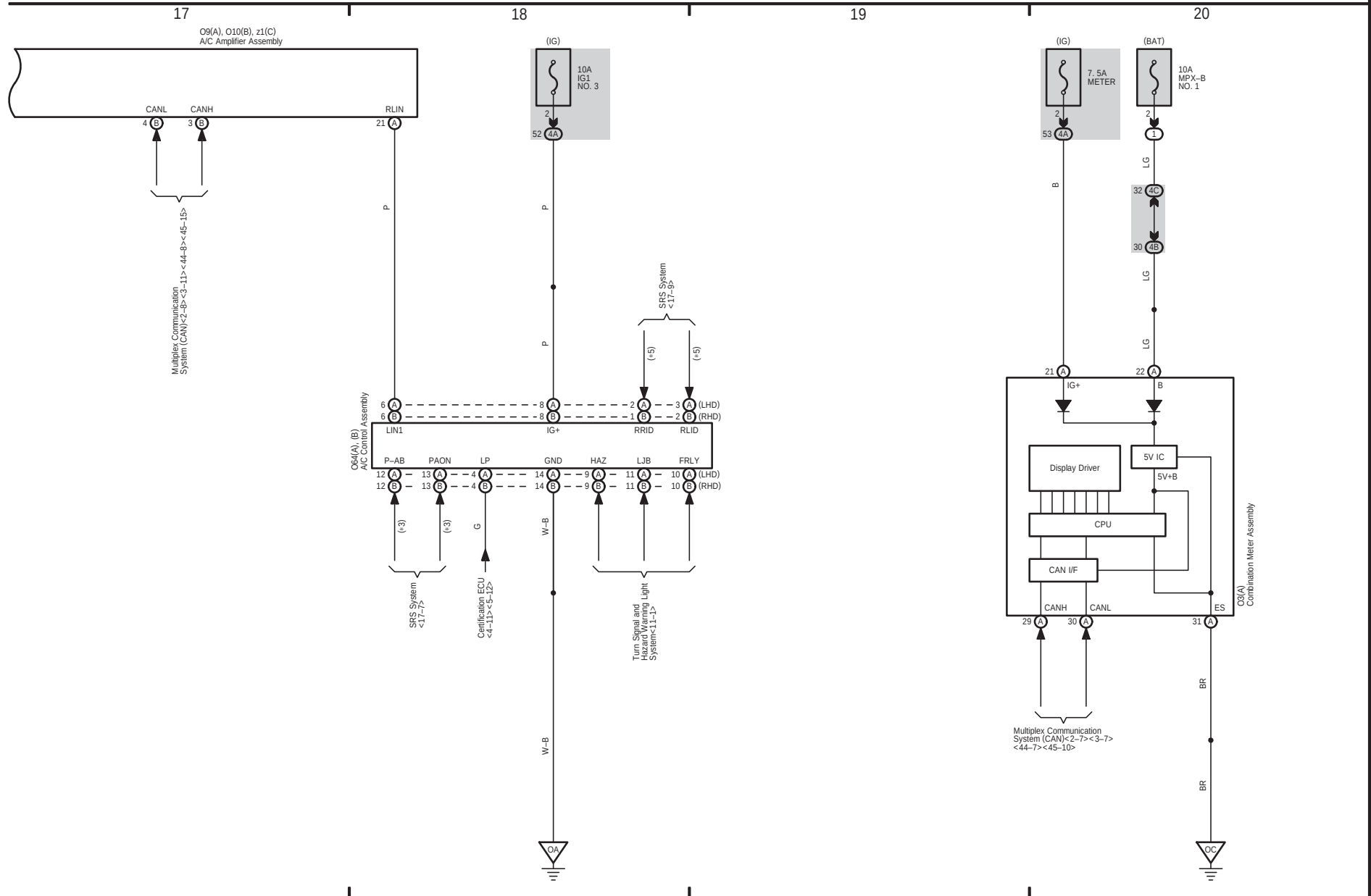
O9(A), O10(B), z1(C)
A/C Amplifier Assembly



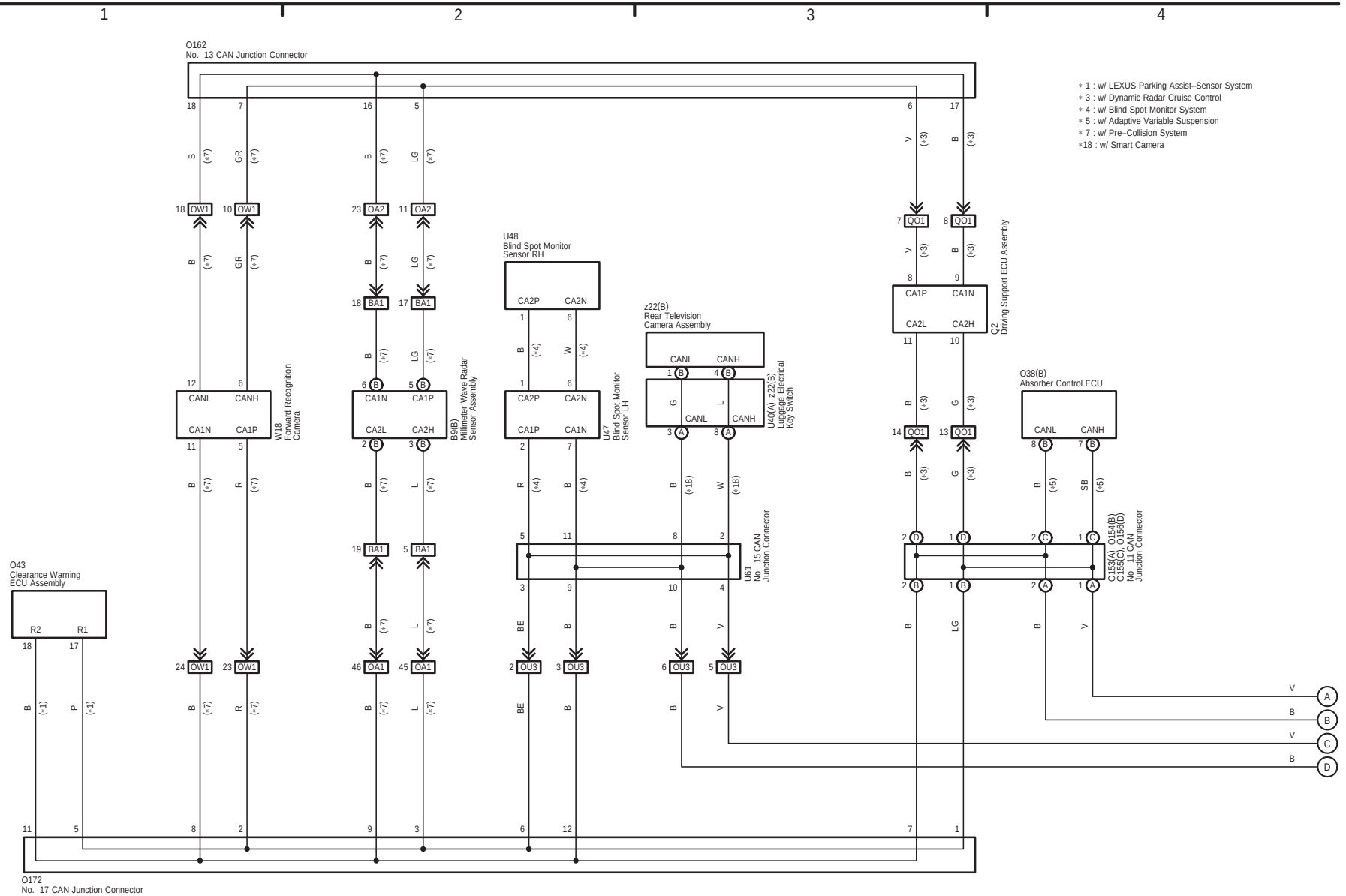
43 RC 300h (Cont' d)

Air Conditioner

* 3 : w/ PASSENGER AIRBAG ON/OFF Indicator
* 5 : w/ Rear Passenger's Seat Belt Warning



Multiplex Communication System (CAN LHD) (From Nov. 2017 Production)

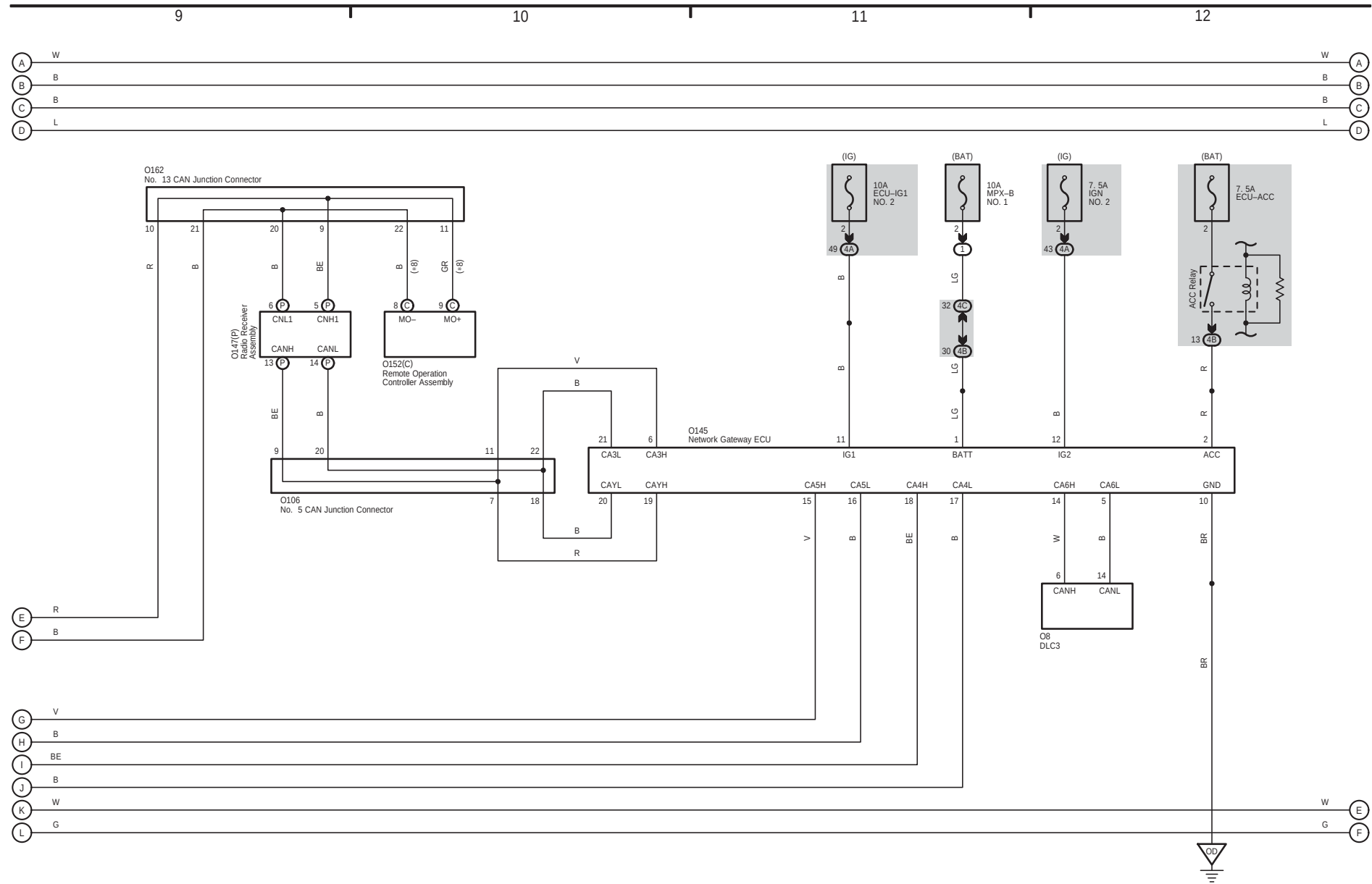


*14 : w/ ASC



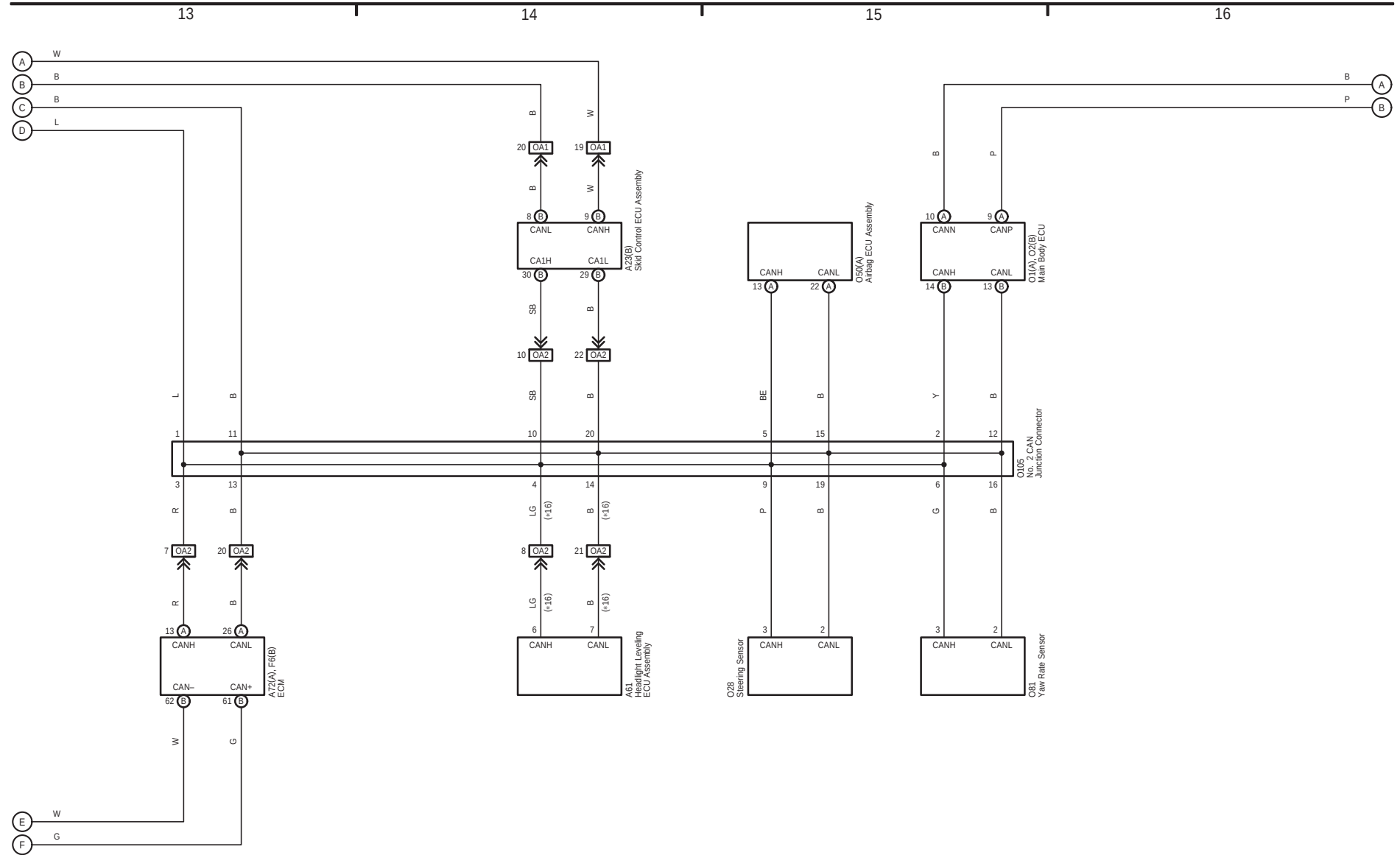
Multiplex Communication System (CAN LHD) (From Nov. 2017 Production)

* 8 : w/ LEXUS Navigation System



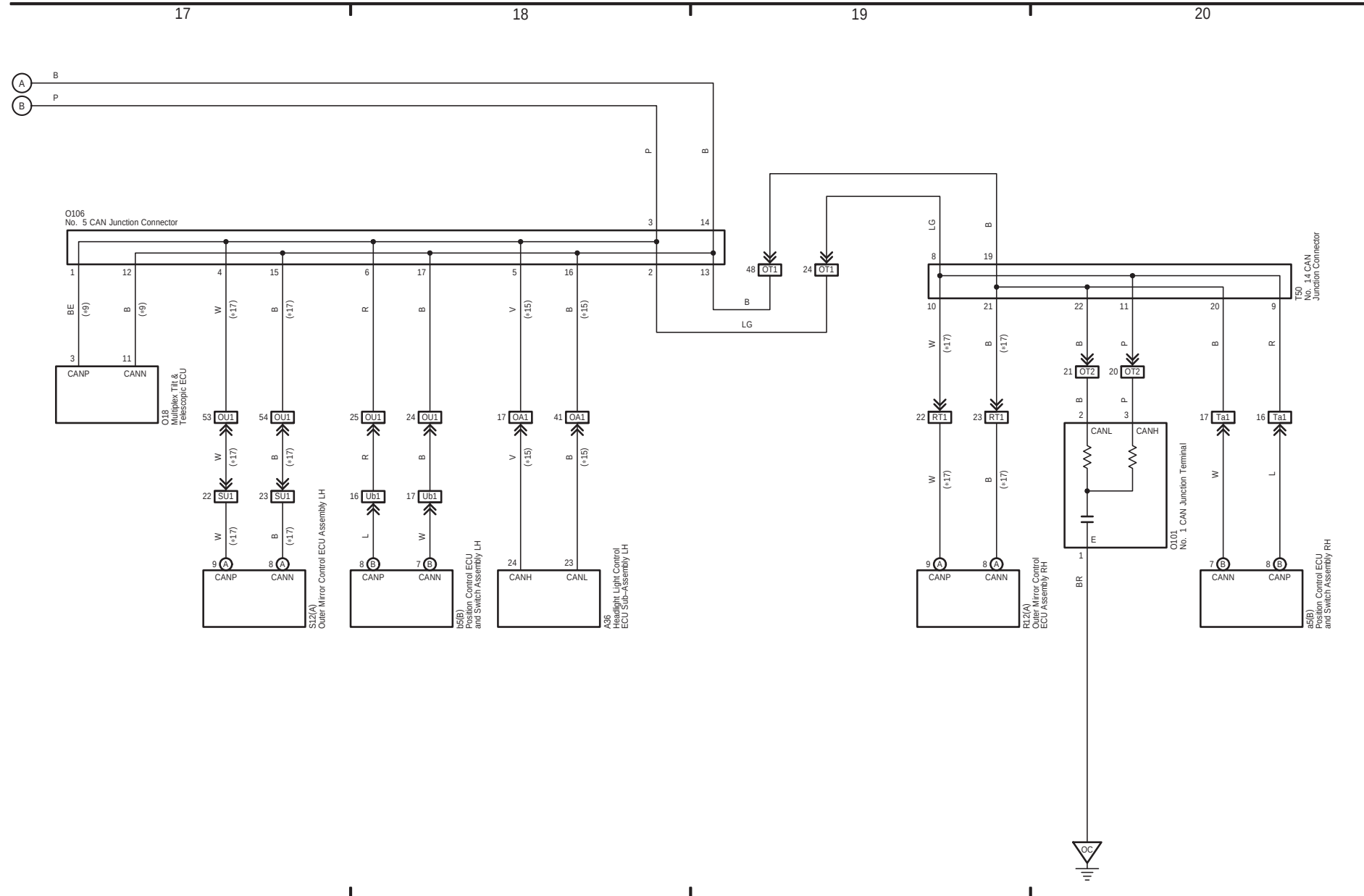
Multiplex Communication System (CAN LHD) (From Nov. 2017 Production)

*16 : Single Beam Headlight

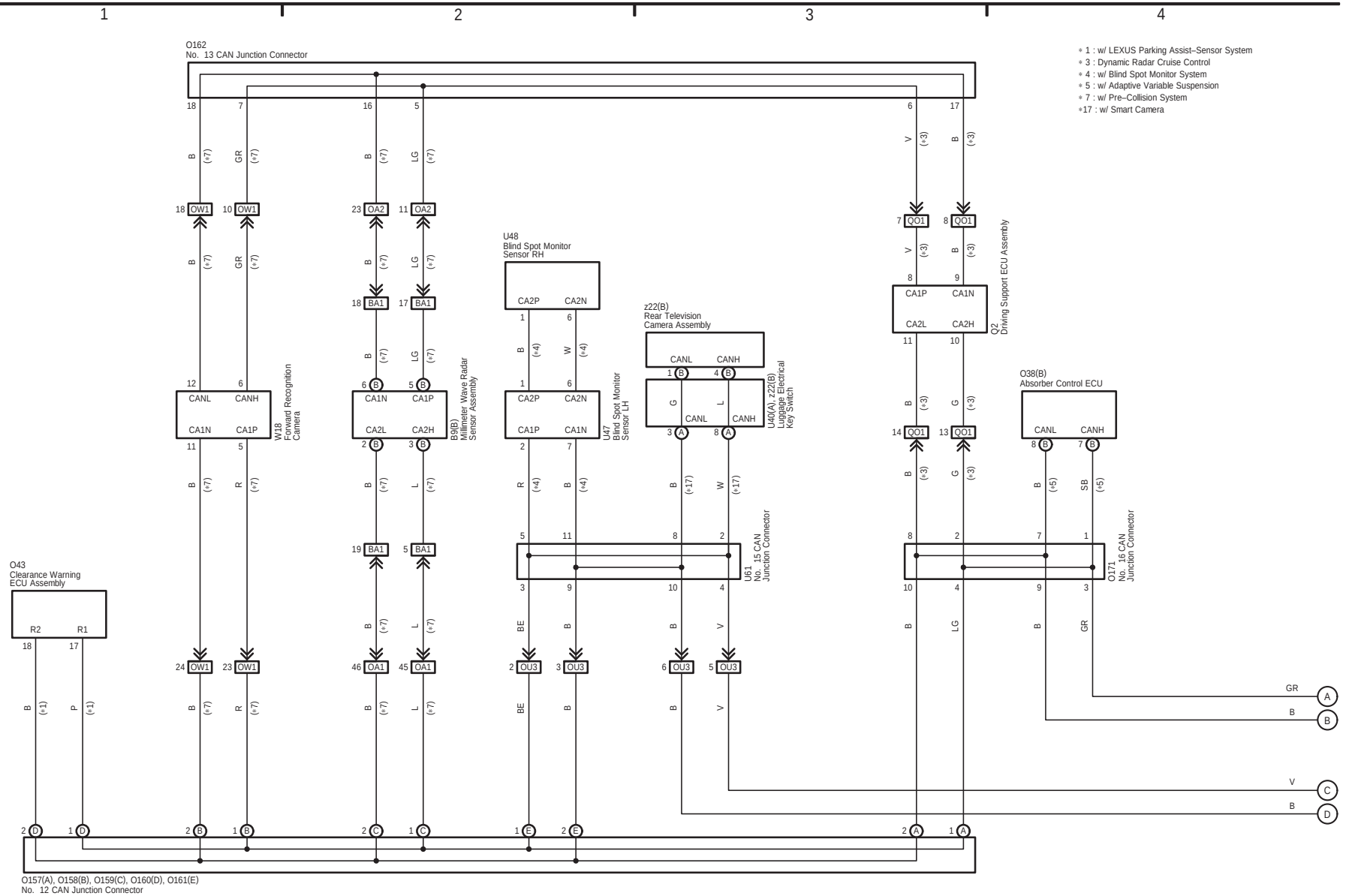


Multiplex Communication System (CAN LHD) (From Nov. 2017 Production)

* 9 : w/ Power Tilt and Power Telescopic
 *15 : w/ Triple Beam Headlight
 *17 : w/ Seat Position Memory

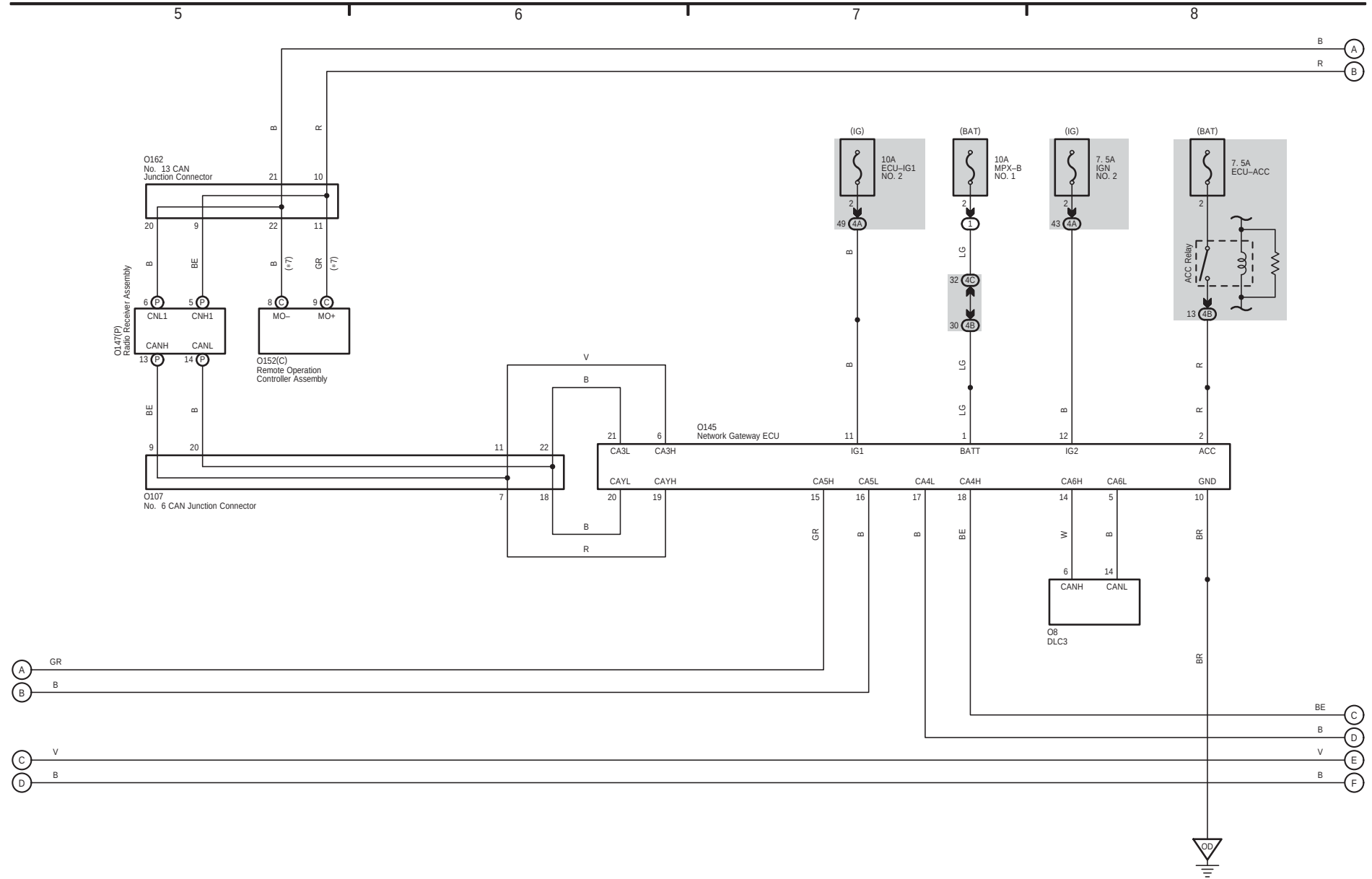


Multiplex Communication System (CAN RHD) (From Nov. 2017 Production)



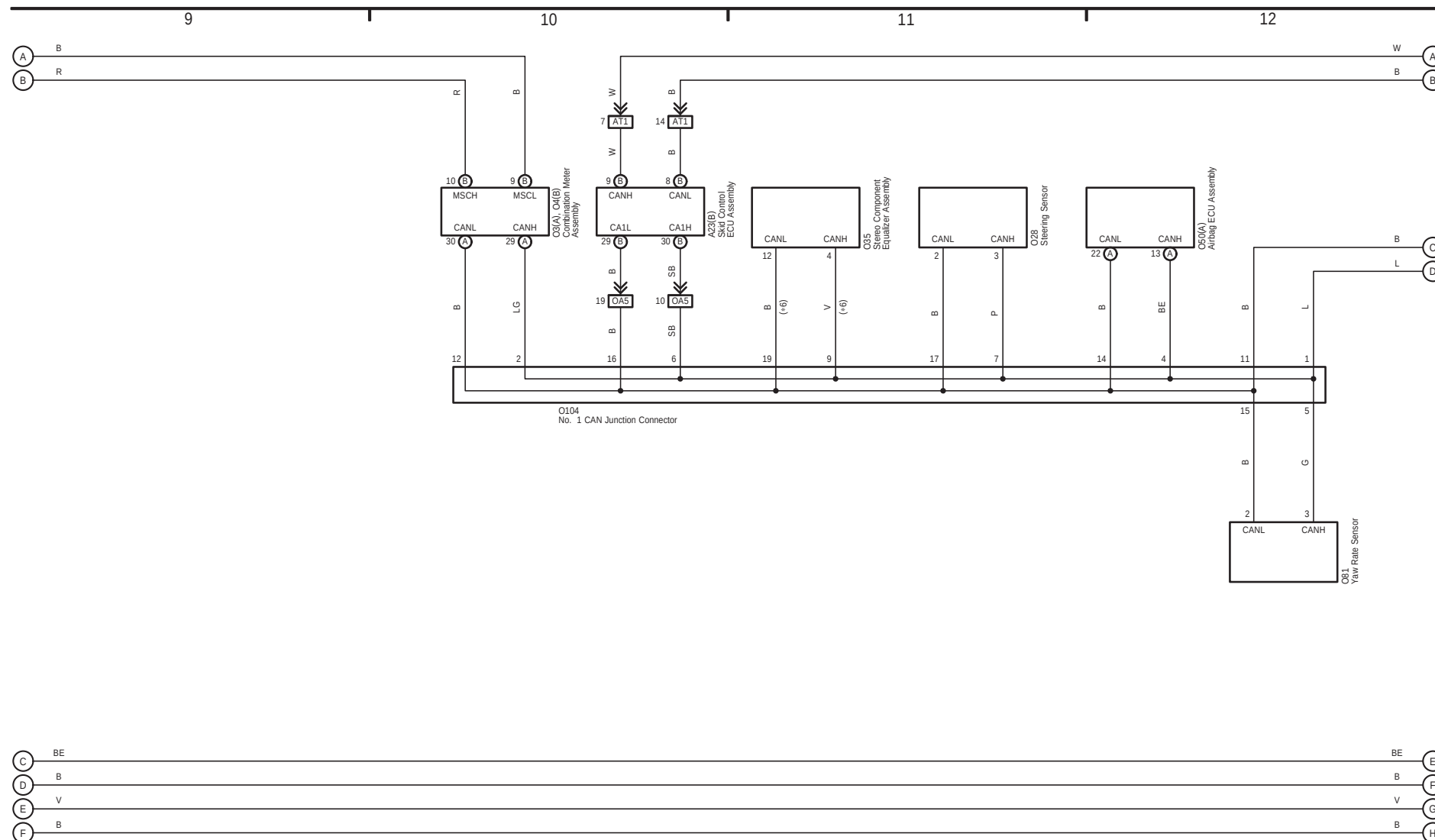
Multiplex Communication System (CAN RHD) (From Nov. 2017 Production)

* 7 : w/ Pre-Collision System



Multiplex Communication System (CAN RHD) (From Nov. 2017 Production)

* 6 : w/ ASC



Multiplex Communication System (CAN RHD) (From Nov. 2017 Production)

*16 : Single Beam Headlight

