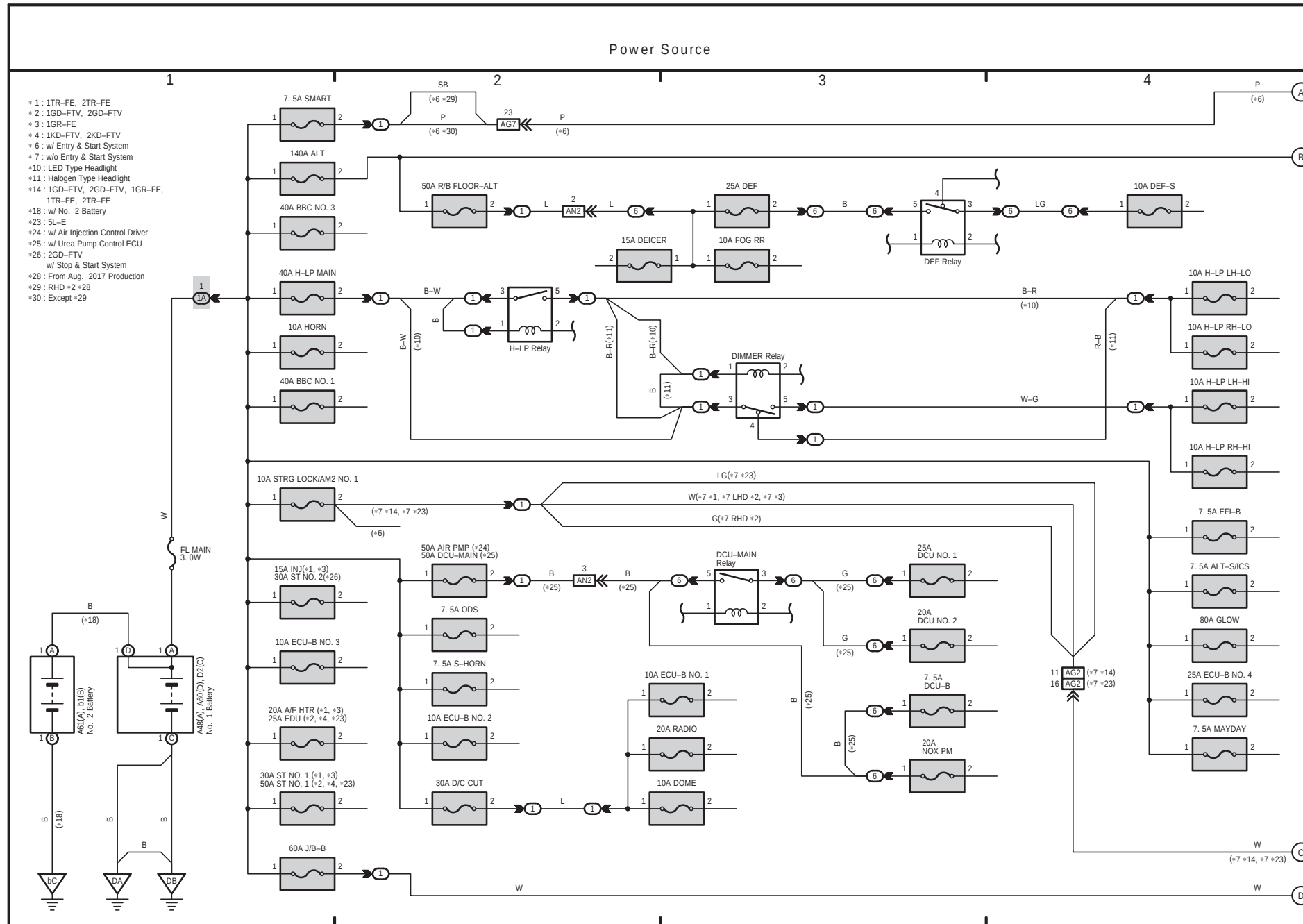
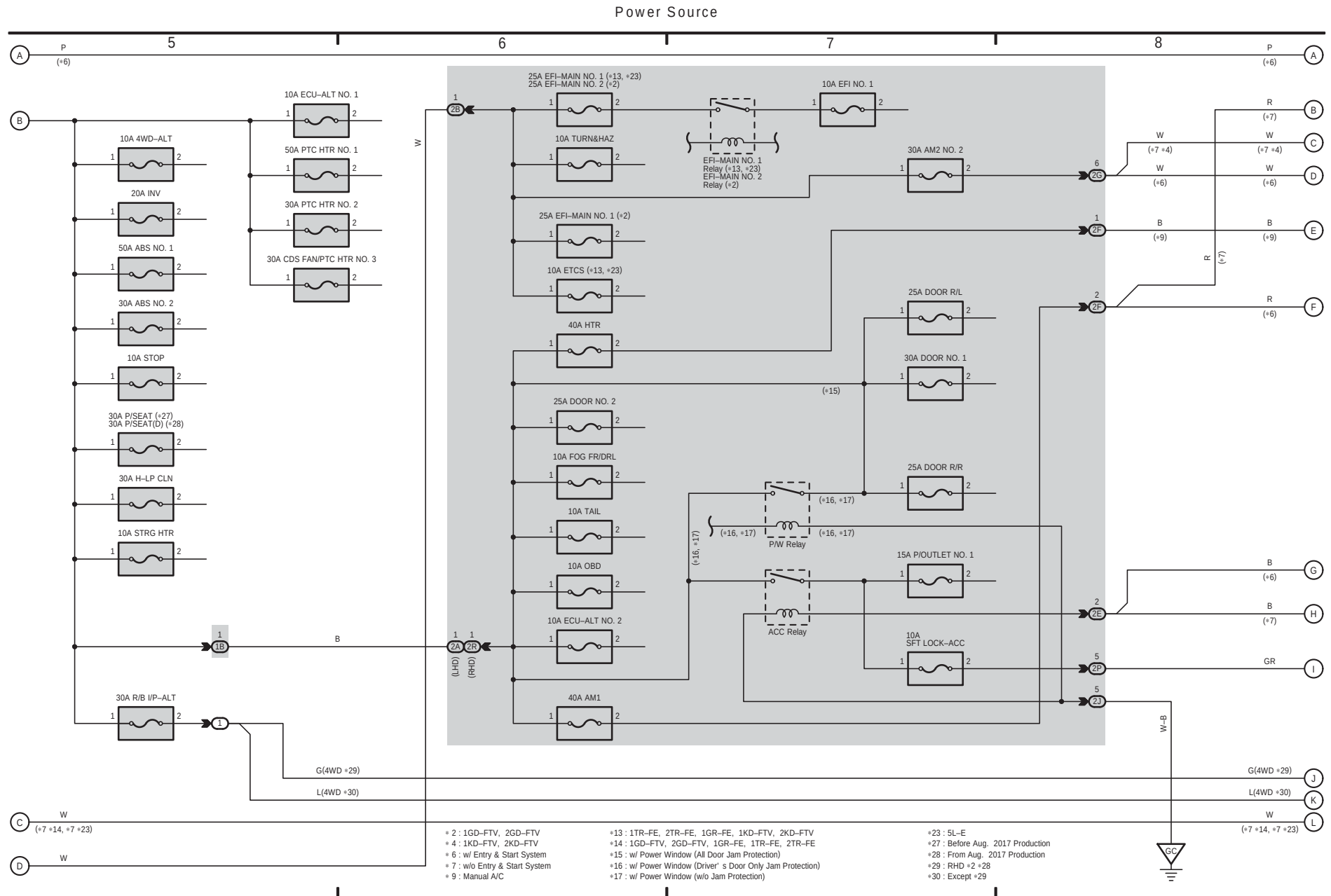
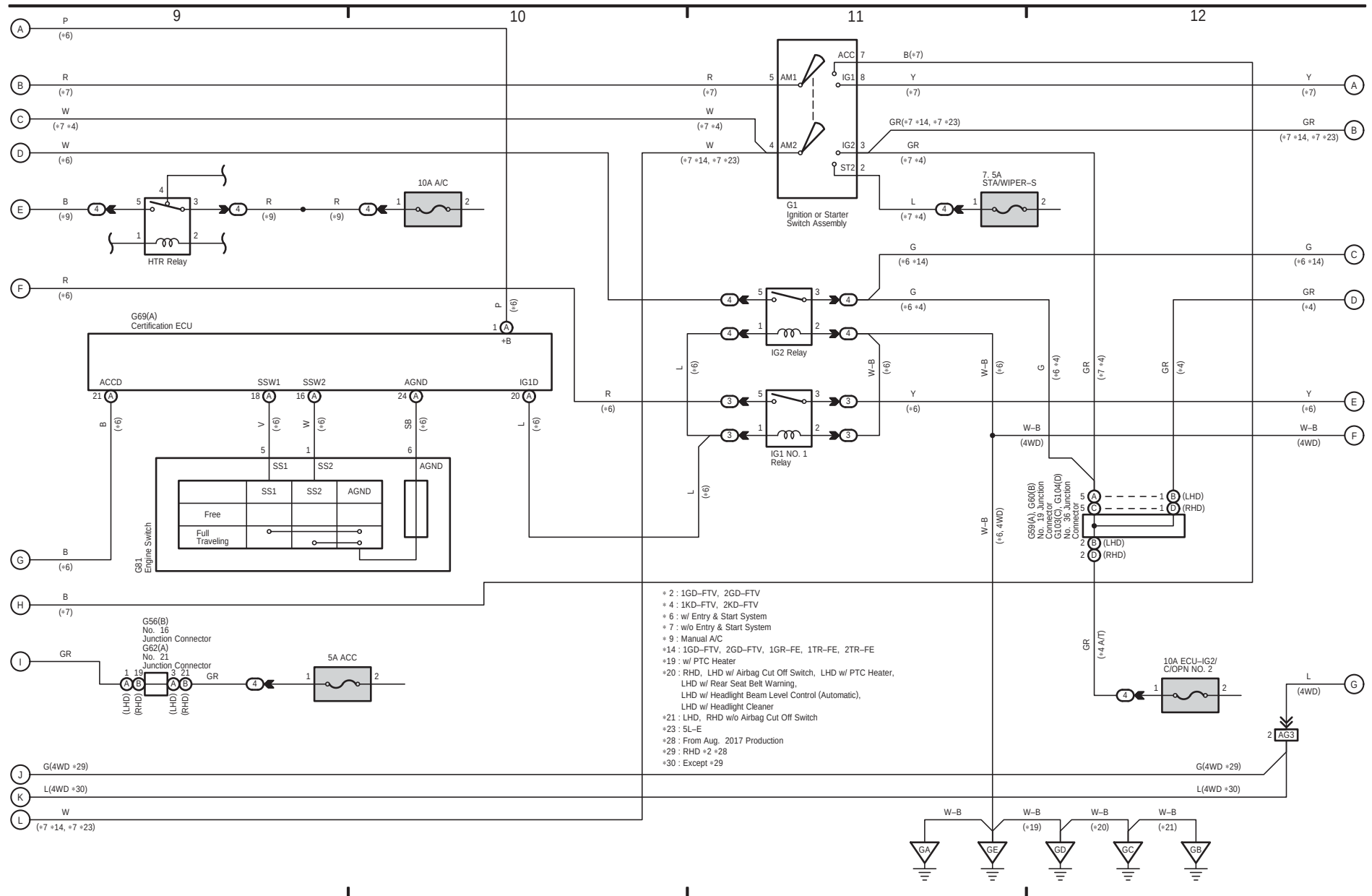


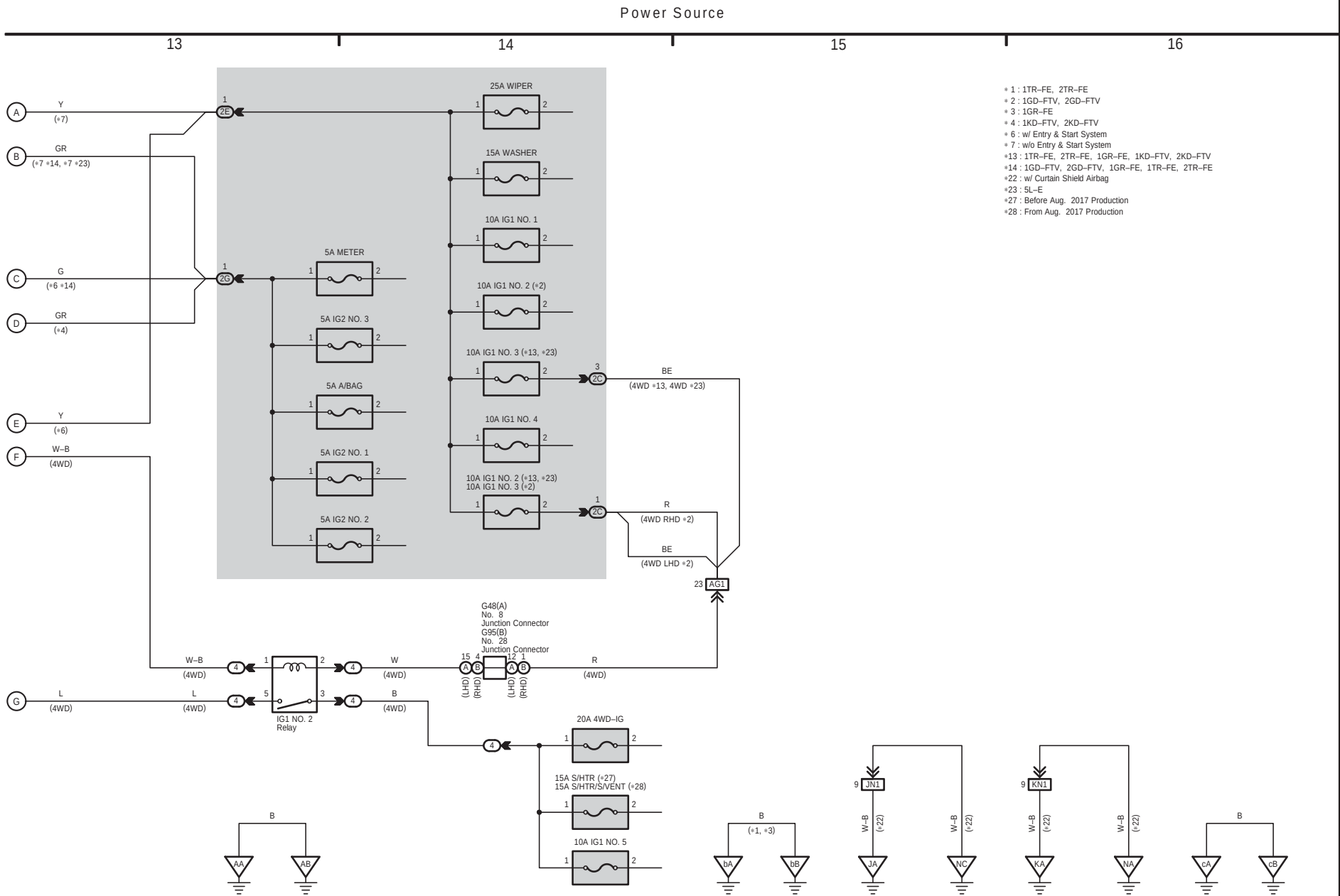


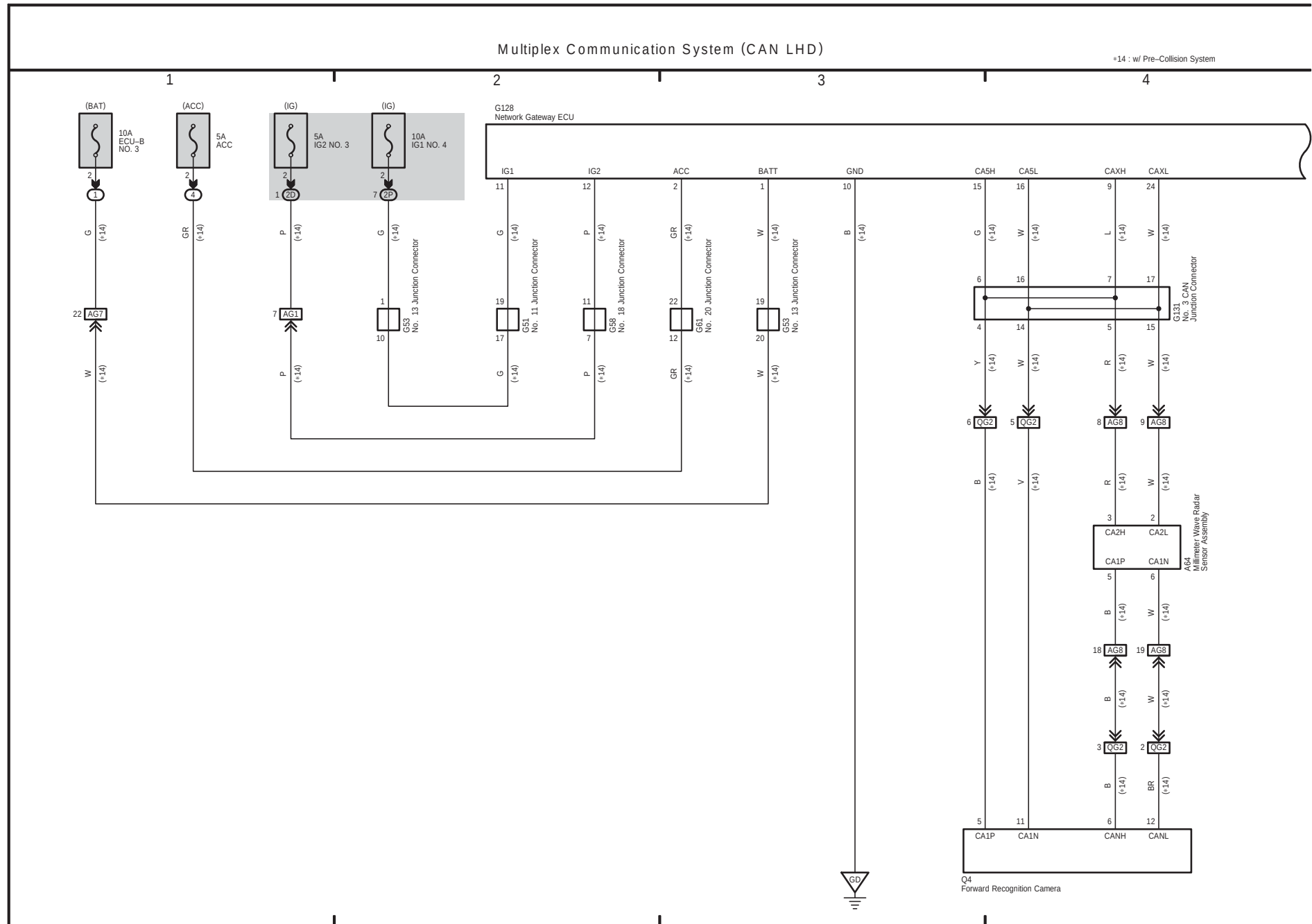


Power Source

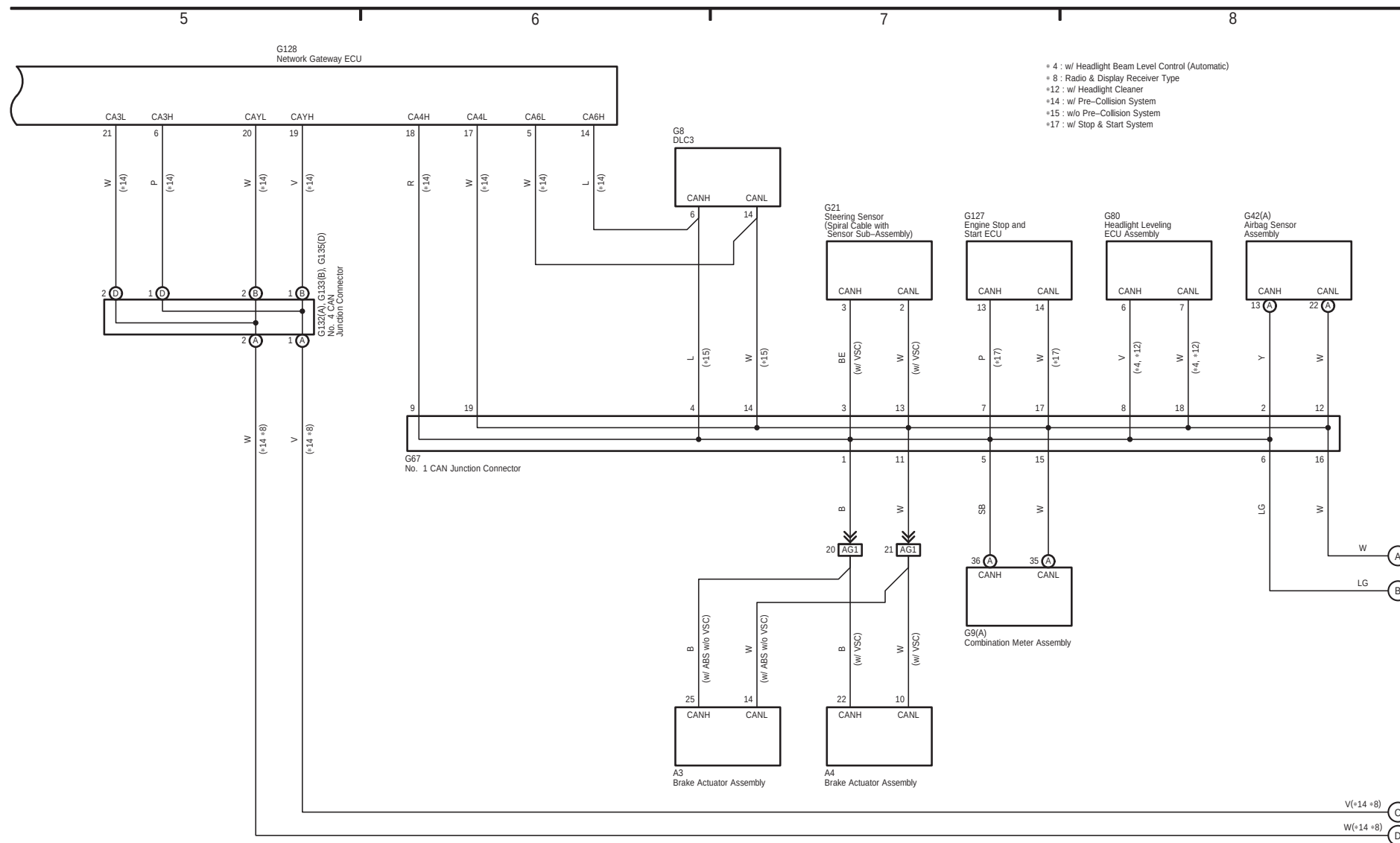


1 HILUX (Cont' d)



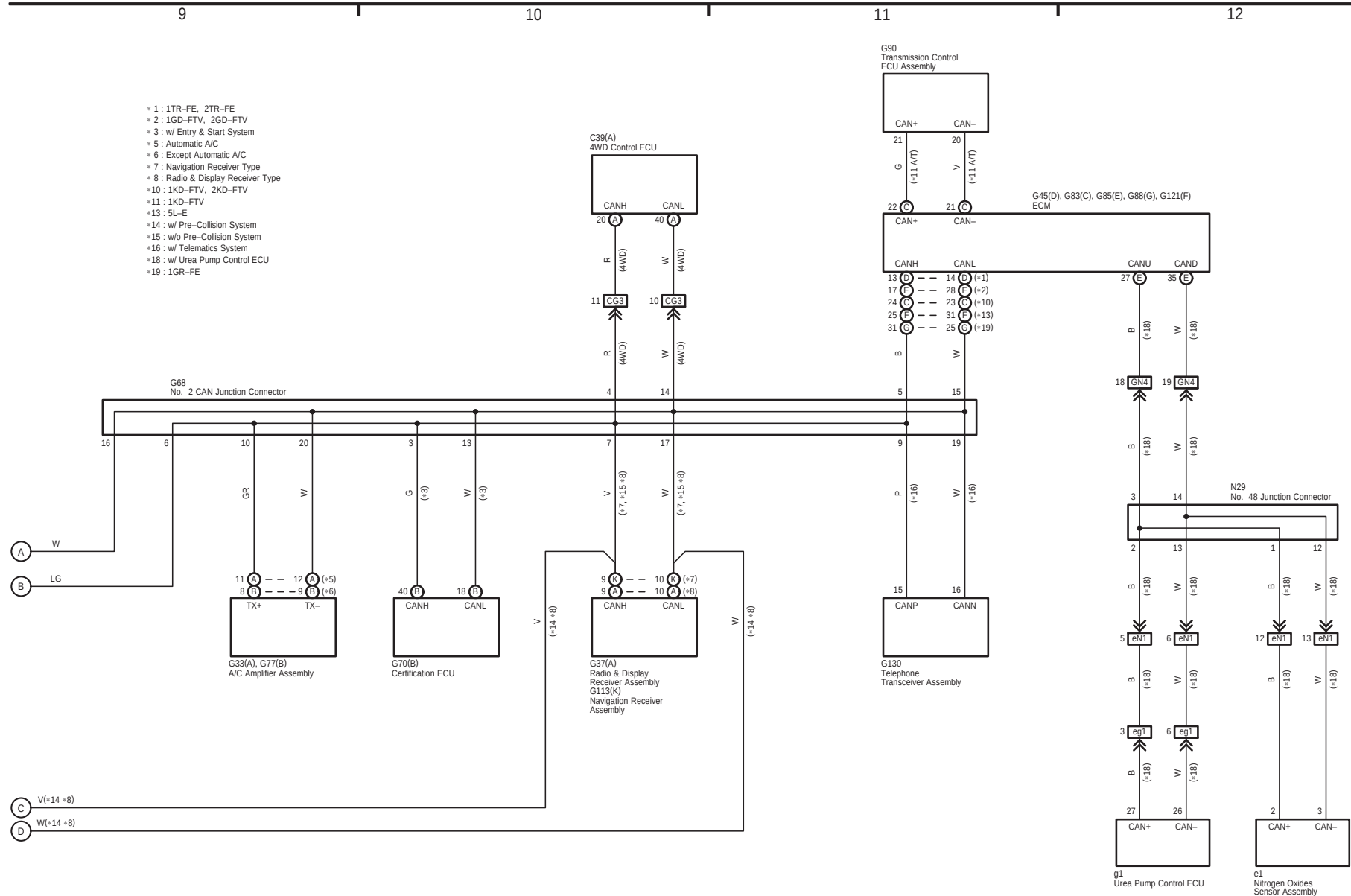


Multiplex Communication System (CAN LHD)



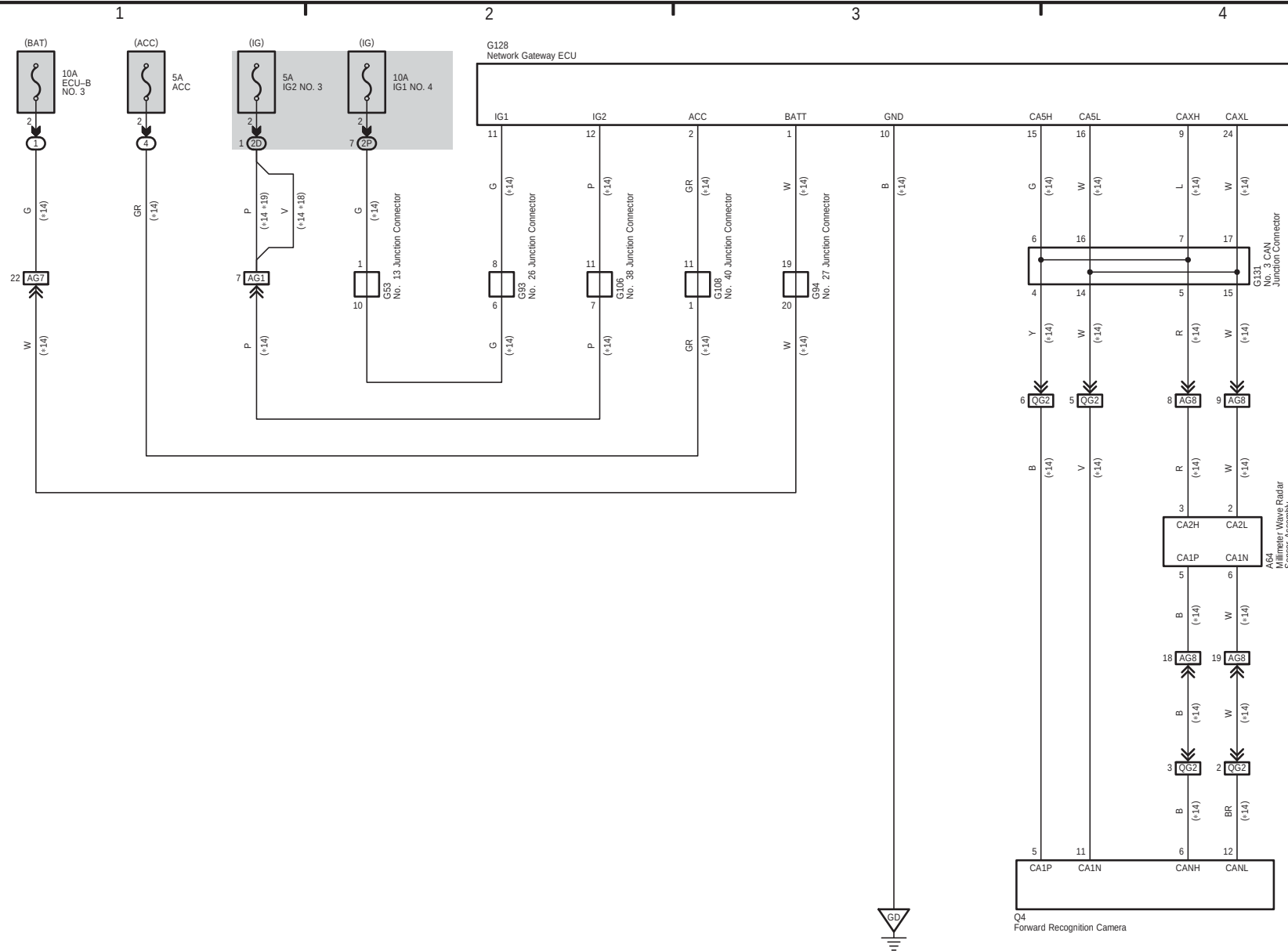
2 HILUX (Cont' d)

Multiplex Communication System (CAN LHD)

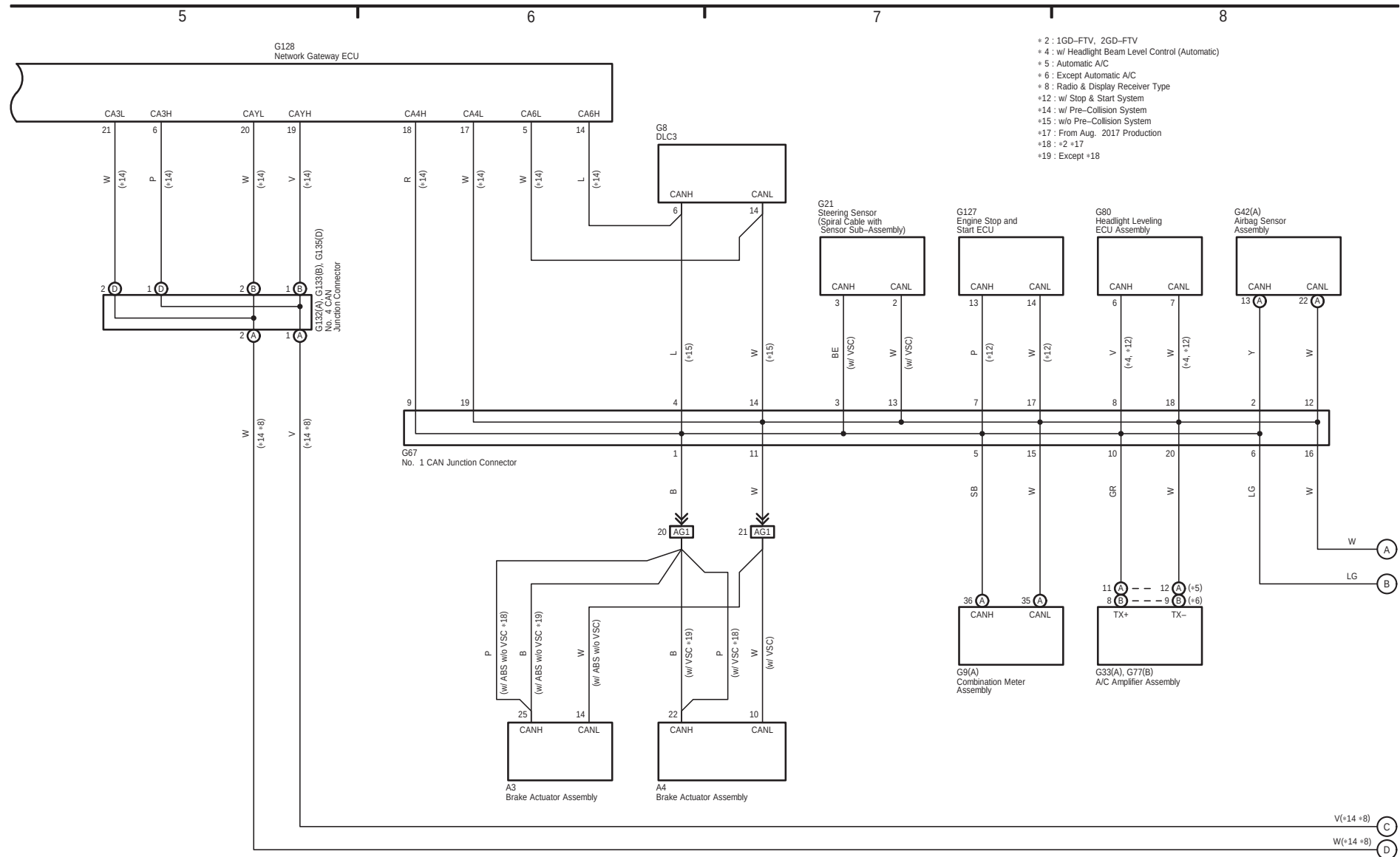


Multiplex Communication System (CAN RHD)

* 2 : 1GD-FTV, 2GD-FTV
 * 14 : w/ Pre-Collision System
 * 17 : From Aug. 2017 Production
 * 18 : * 2 * 17
 * 19 : Except * 18

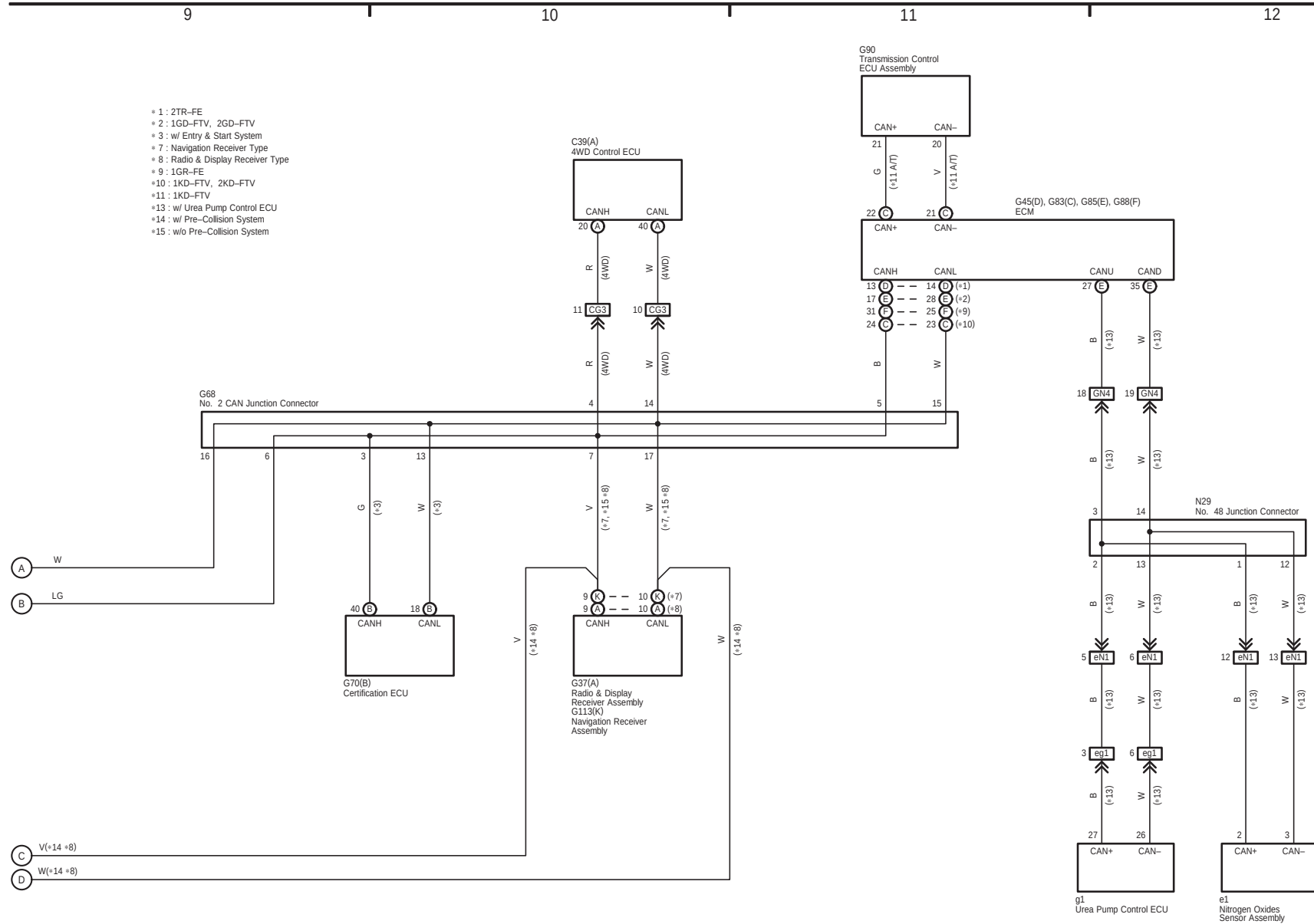


Multiplex Communication System (CAN RHD)

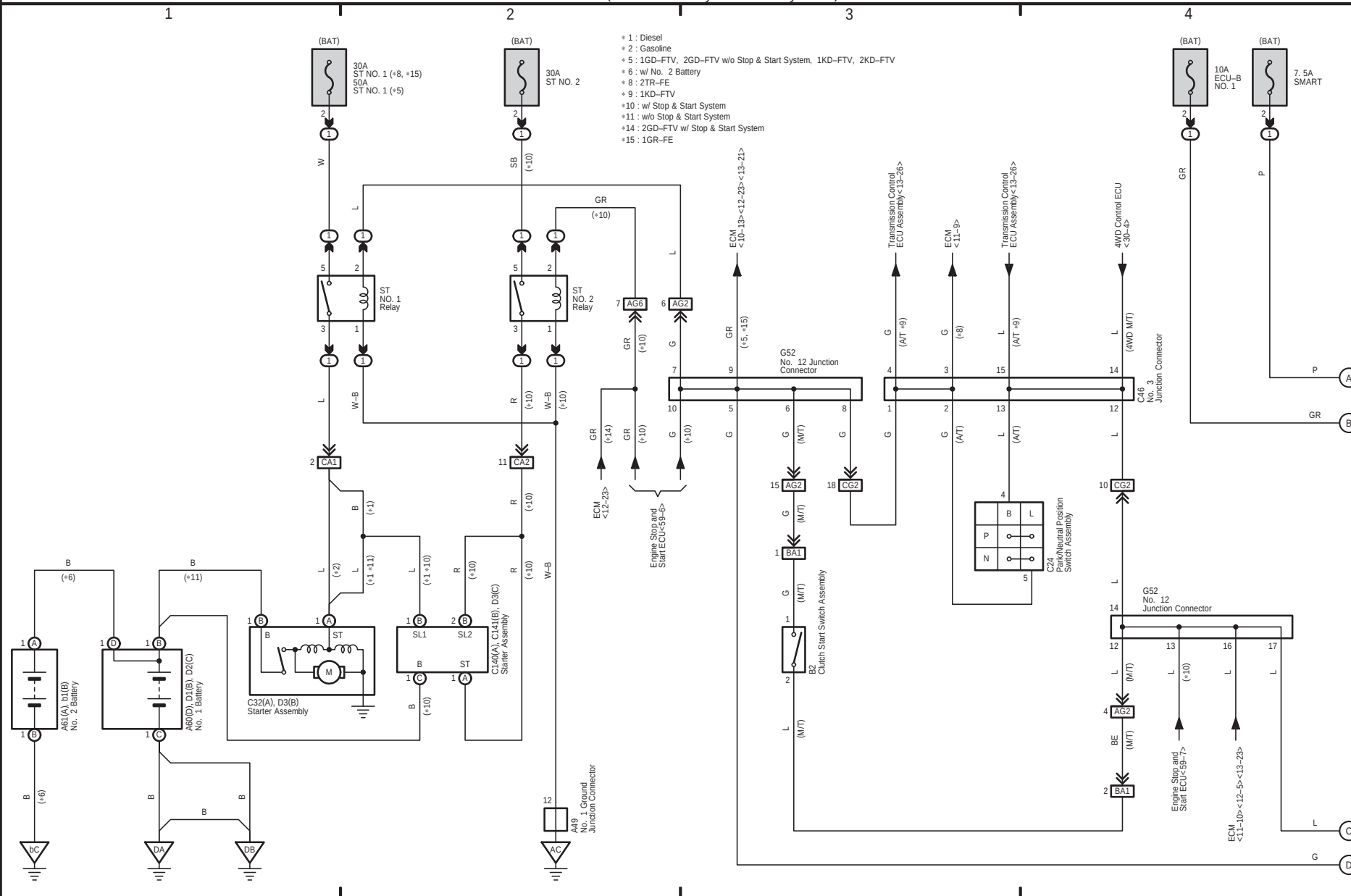


3 HILUX (Cont' d)

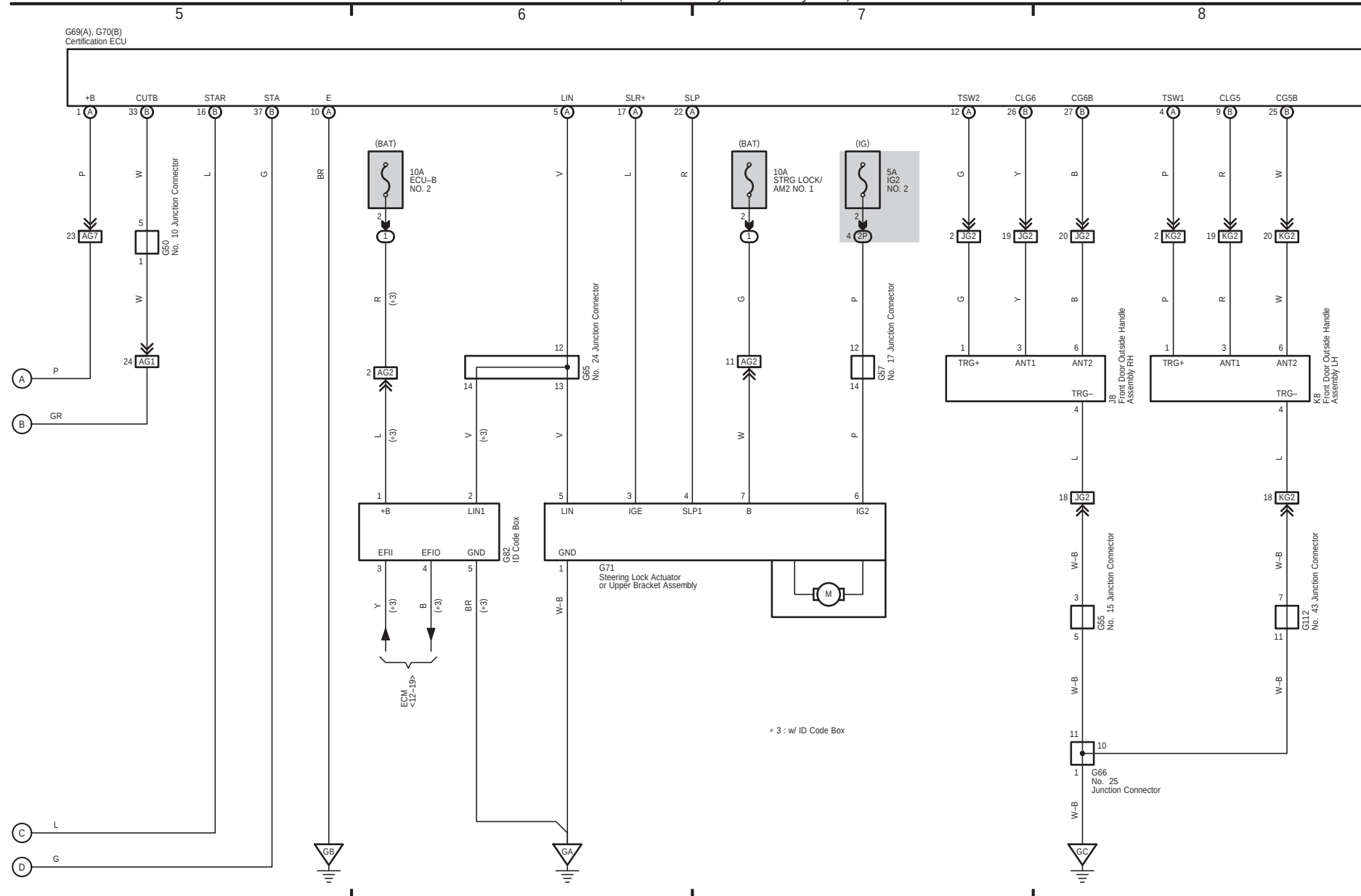
Multiplex Communication System (CAN RHD)



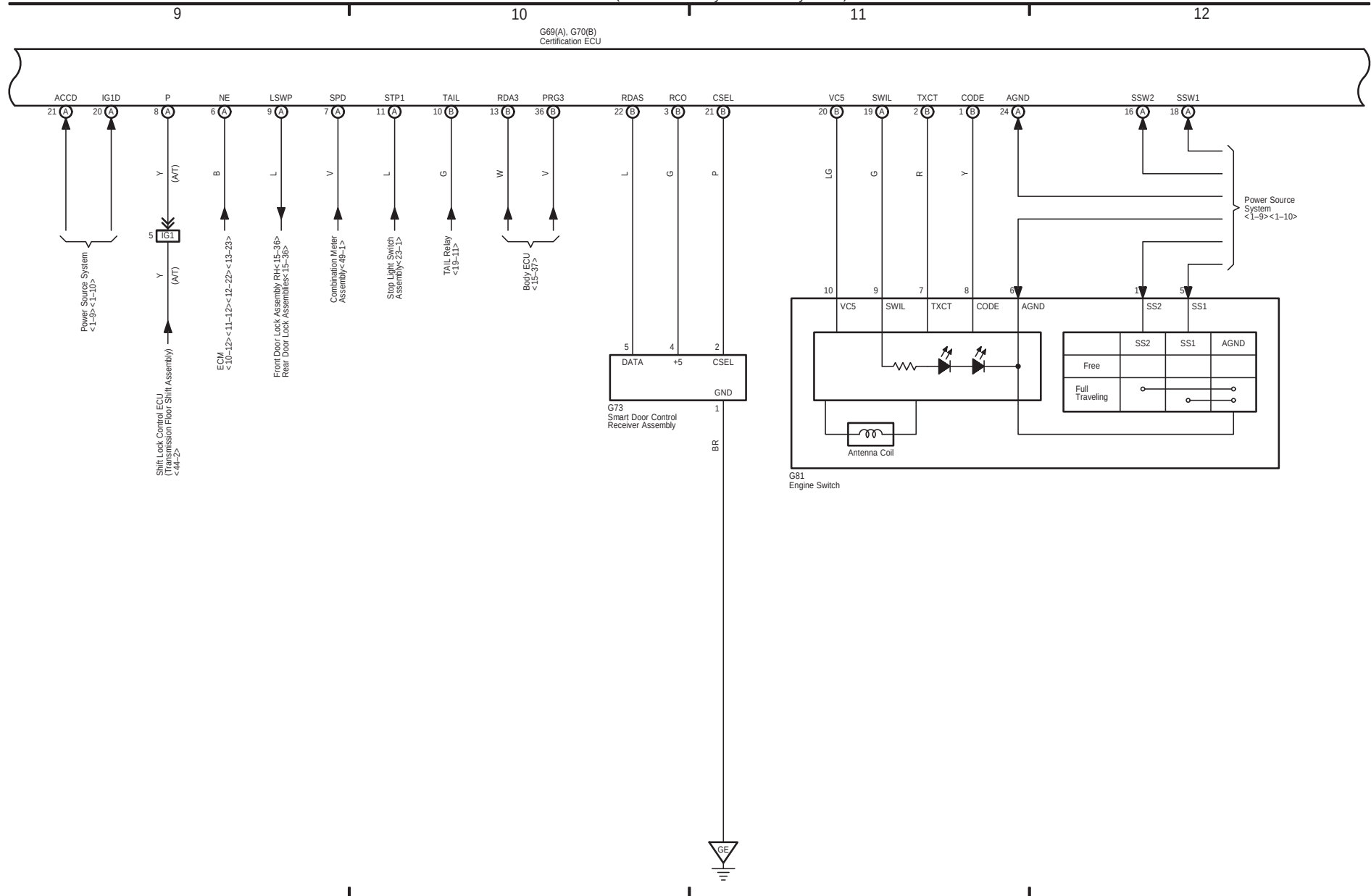
Entry & Start System (LHD), Immobiliser System (LHD w/ Entry & System), Starting (LHD w/ Entry & Start System), Steering Lock (LHD), Wireless Door Lock Control (LHD w/ Entry & Start System)



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

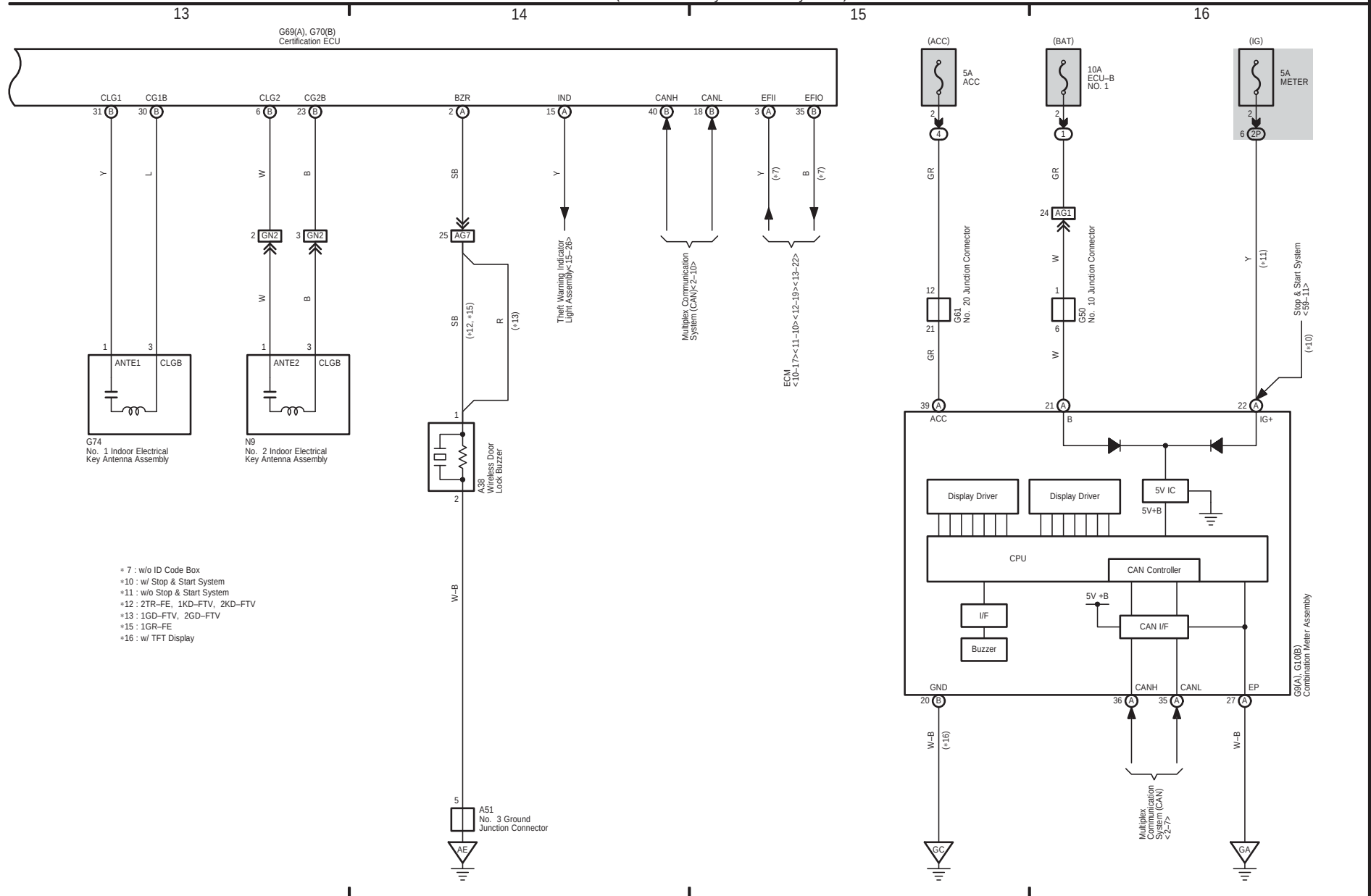


Entry & Start System (LHD), Immobiliser System (LHD w/ Entry & System),
Starting (LHD w/ Entry & Start System), Steering Lock (LHD),
Wireless Door Lock Control (LHD w/ Entry & Start System)

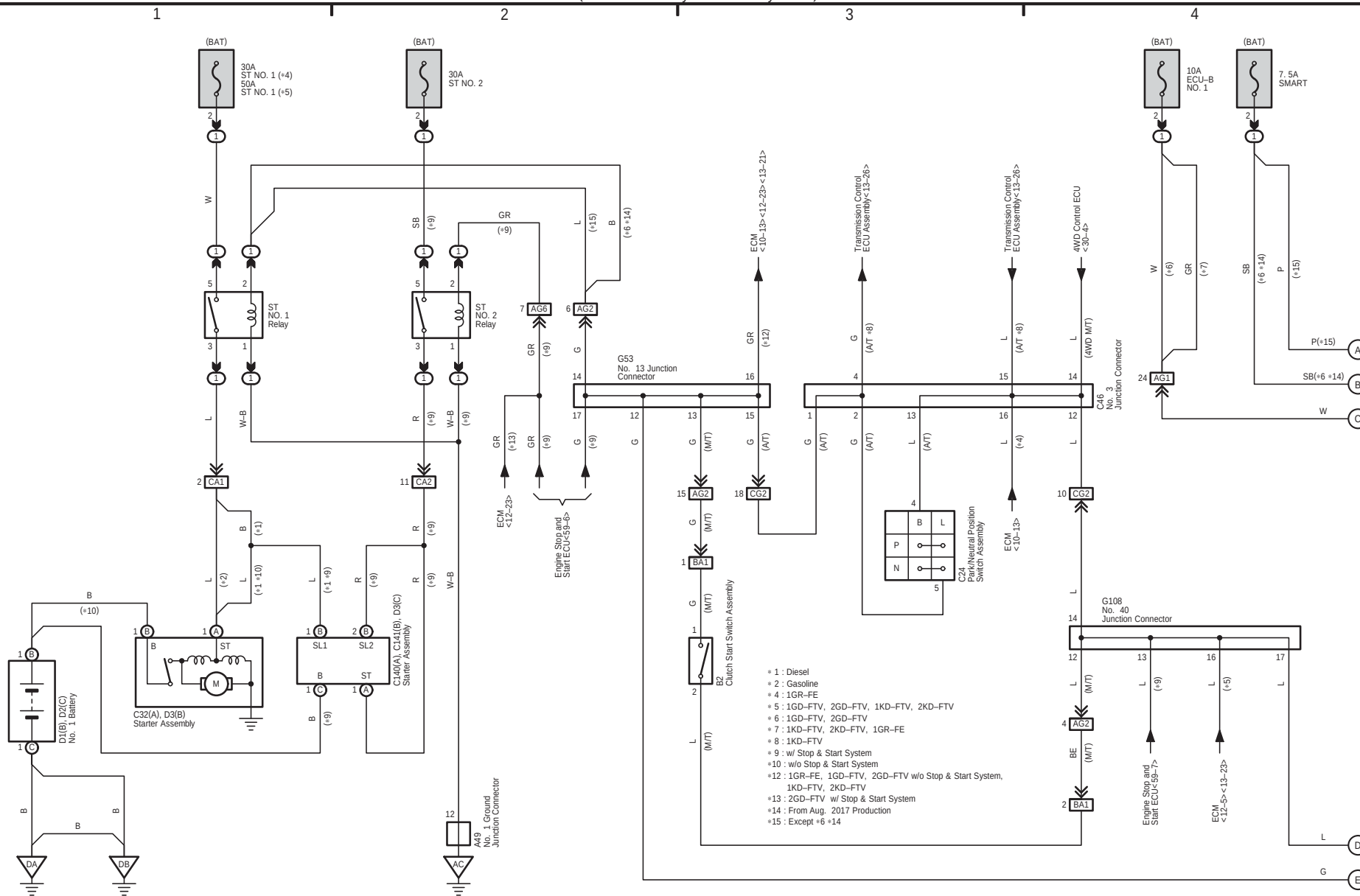


4 HILUX (Cont' d)

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



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



The diagram illustrates the electrical system for the front door outside handle assembly, including the LH and RH sides. It shows the connection of the handle assembly to the G69(A), G70(B) Certification ECU and various components like the steering lock actuator, ID code box, and antenna modules.

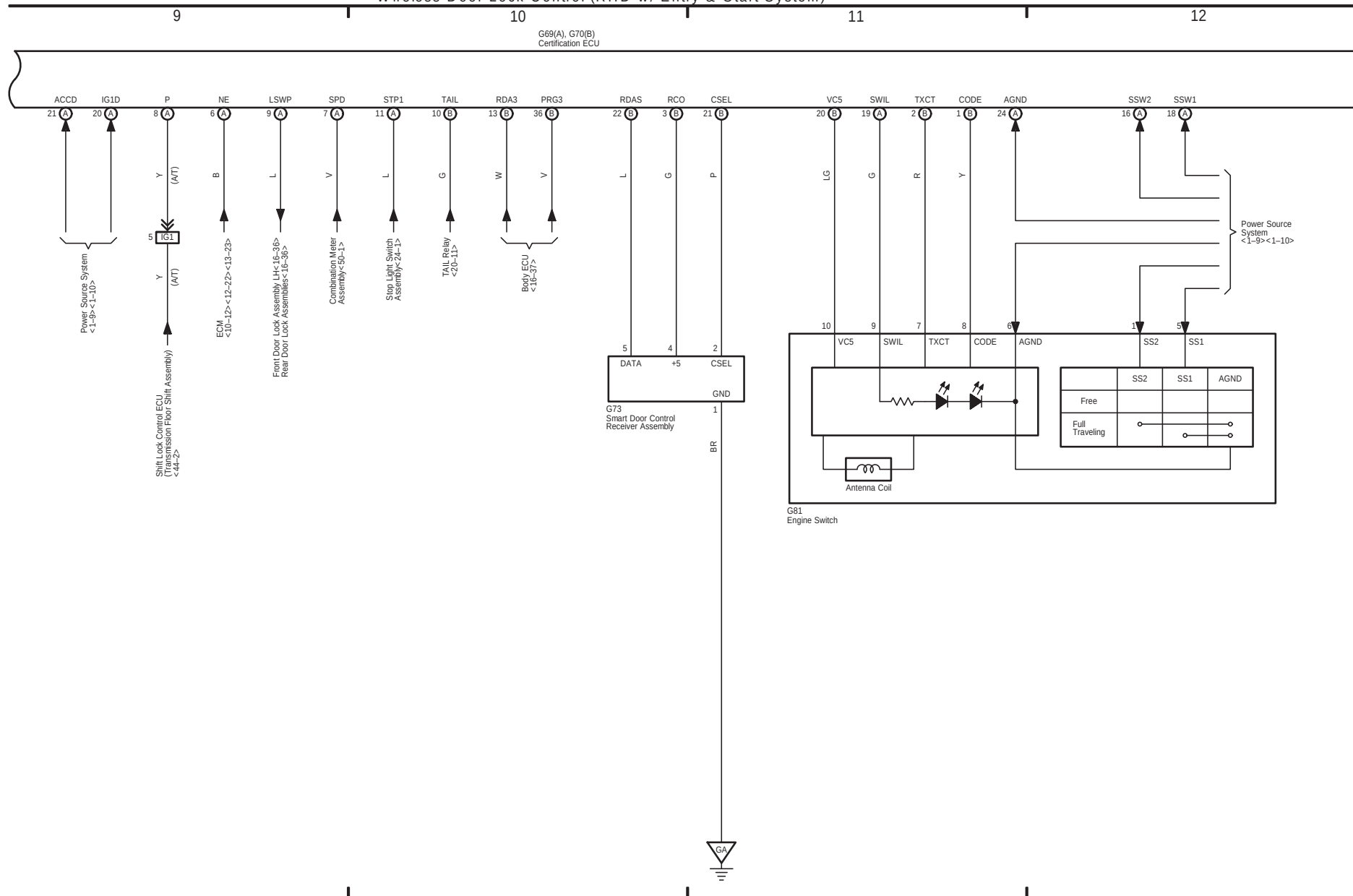
Legend:

- * 3 : w/ ID Code Box
- * 6 : 1GD-FTV, 2GD-FTV
- * 7 : 1KD-FTV, 2KD-FTV, 1GR-FE
- *14 : From Aug. 2017 Production
- *15 : Except +6 +14

Components and Connections:

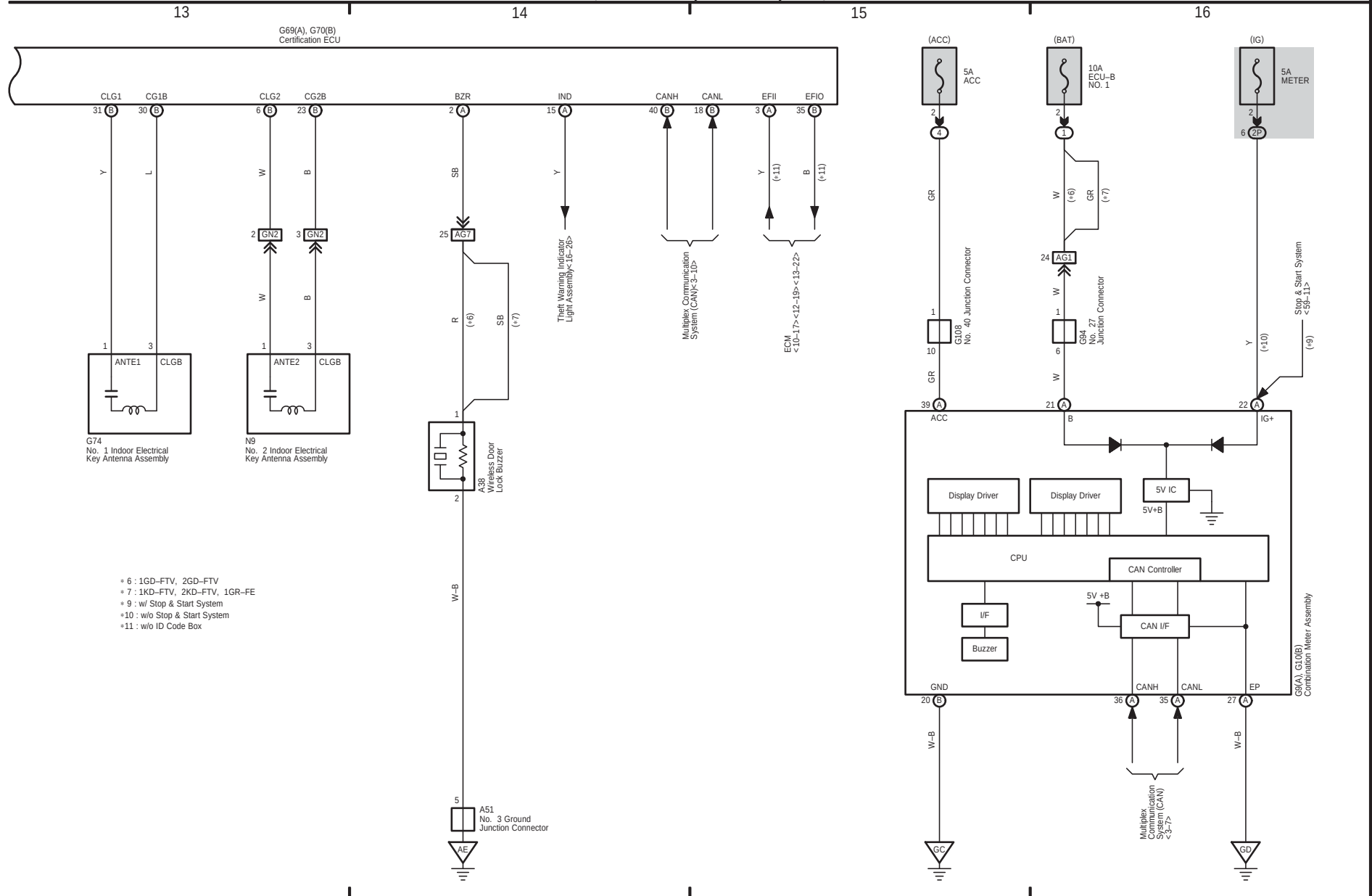
- ECU (G69(A), G70(B) Certification ECU):** Provides power to the system via terminals +B, CUTB, STAR, STA, E, LIN, SLR+, SLP, TSW2, CLG6, CG6B, TSW1, CLG5, and CG5B.
- Antenna Modules (ANT1, ANT2):** Connected to the ECU via TRG+ and TRG- lines. ANT1 and ANT2 are connected to the ECU via TRG+ and TRG- lines.
- Steering Lock Actuator or Upper Bracket Assembly (G71):** Connected to the ECU via LIN, IGE, SLP1, B, and IG2 lines. It also includes a motor (M) and a ground connection (GND).
- ID Code Box (G72):** Connected to the ECU via LIN1, EFII, EFIO, and GND lines. It also includes a ground connection (GND).
- Antenna Modules (ANT1, ANT2):** Connected to the ECU via TRG+ and TRG- lines. ANT1 and ANT2 are connected to the ECU via TRG+ and TRG- lines.
- Antenna Modules (ANT1, ANT2):** Connected to the ECU via TRG+ and TRG- lines. ANT1 and ANT2 are connected to the ECU via TRG+ and TRG- lines.
- Antenna Modules (ANT1, ANT2):** Connected to the ECU via TRG+ and TRG- lines. ANT1 and ANT2 are connected to the ECU via TRG+ and TRG- lines.

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



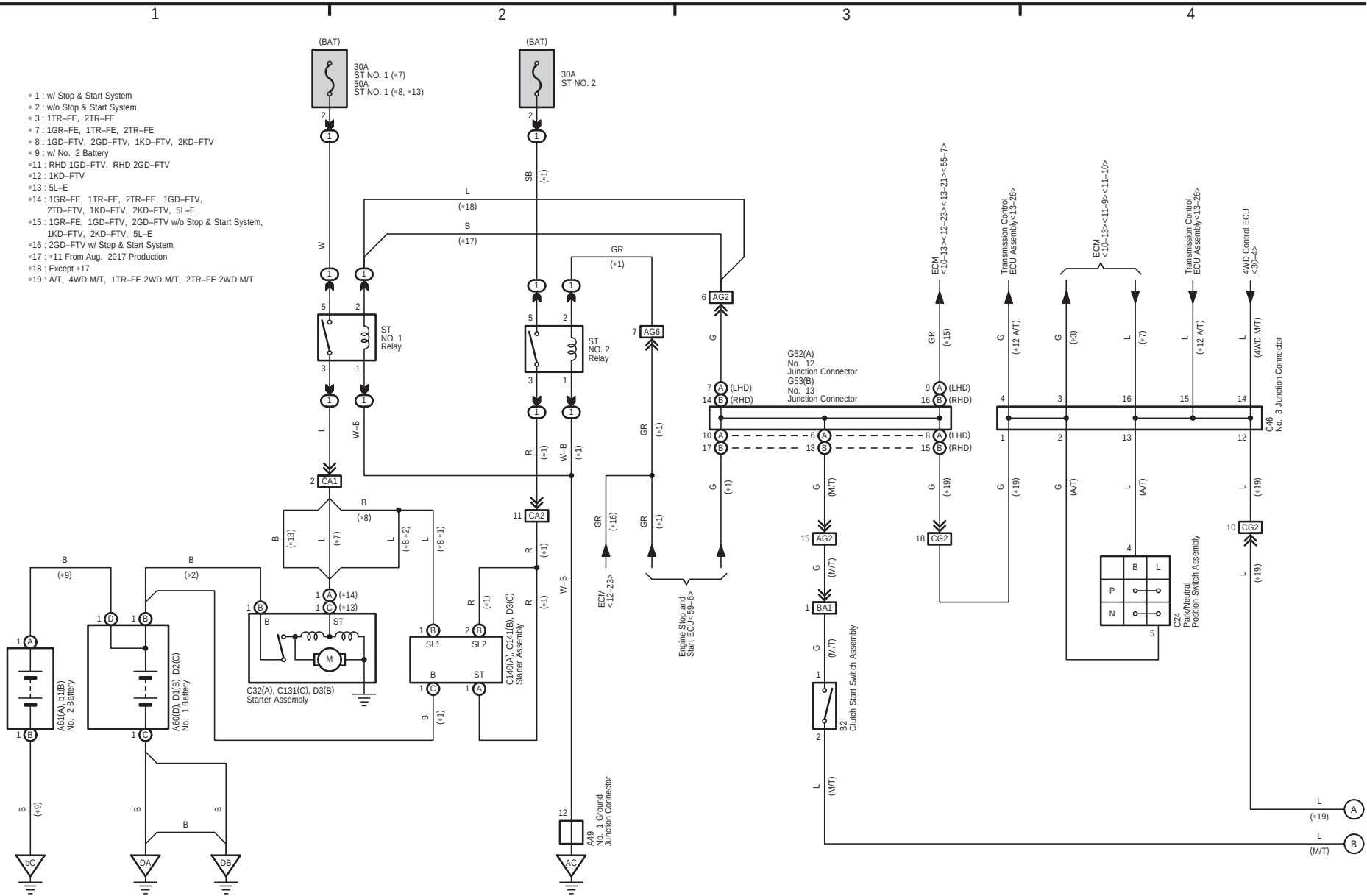
5 HILUX (Cont' d)

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



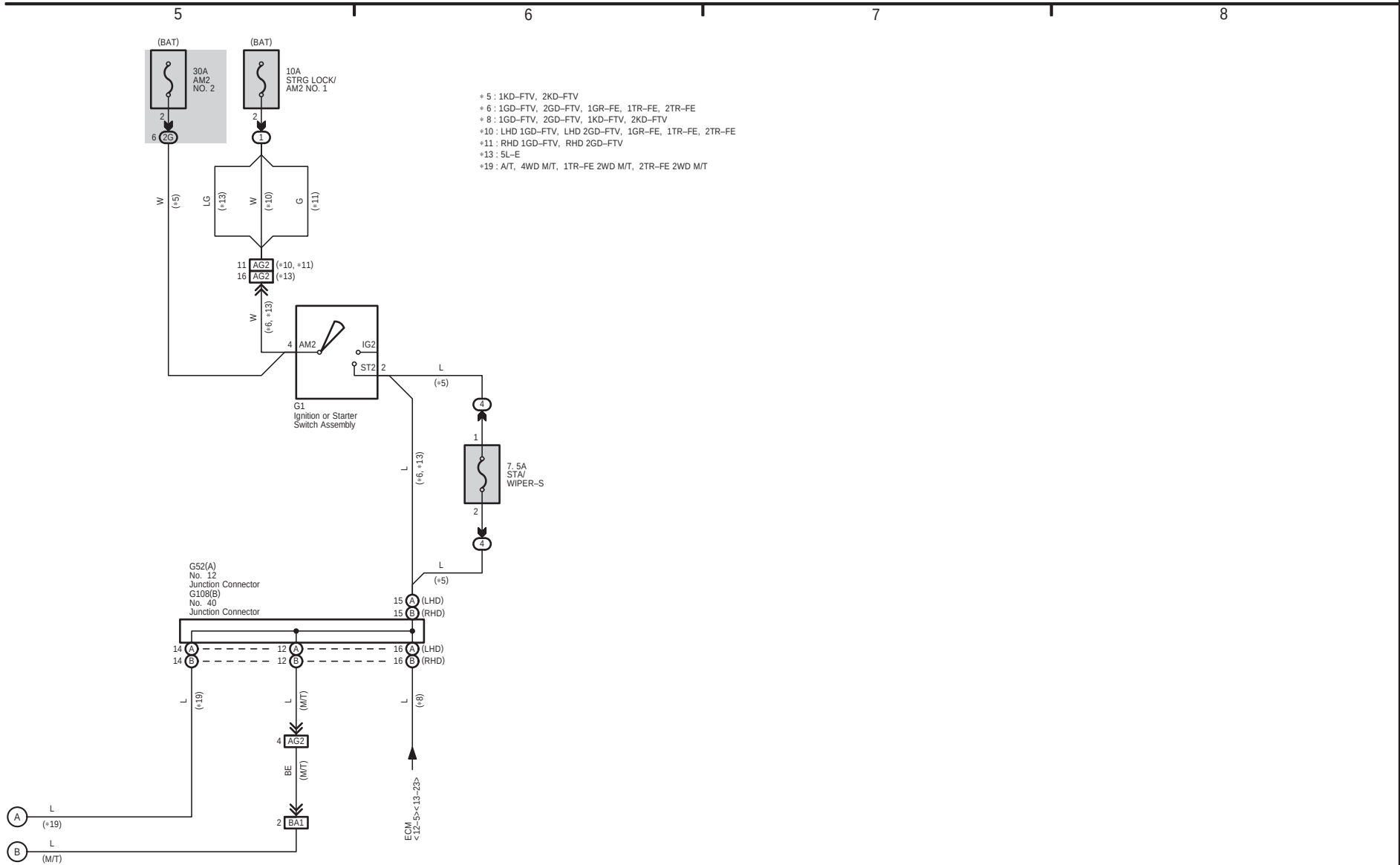
Starting (w/o Entry & Start System)

- * 1 : w/ Stop & Start System
- * 2 : w/o Stop & Start System
- * 3 : 1TR-FE, 2TR-FE
- * 7 : 1GR-FE, 1TR-FE, 2TR-FE
- * 8 : 1GD-FTV, 2GD-FTV, 1KD-FTV, 2KD-FTV
- * 9 : w/ No. 2 Battery
- * 11 : RHD 1GD-FTV, RHD 2GD-FTV
- * 12 : 1KD-FTV
- * 13 : 5L-E
- * 14 : 1GR-FE, 1TR-FE, 2TR-FE, 1GD-FTV, 2TD-FTV, 1KD-FTV, 2KD-FTV, 5L-E
- * 15 : 1GR-FE, 1GD-FTV, 2GD-FTV w/o Stop & Start System, 1KD-FTV, 2KD-FTV, 5L-E
- * 16 : 2GD-FTV w/ Stop & Start System
- * 17 : *11 From Aug. 2017 Production
- * 18 : Except *17
- * 19 : A/T, 4WD M/T, 1TR-FE 2WD M/T, 2TR-FE 2WD M/T



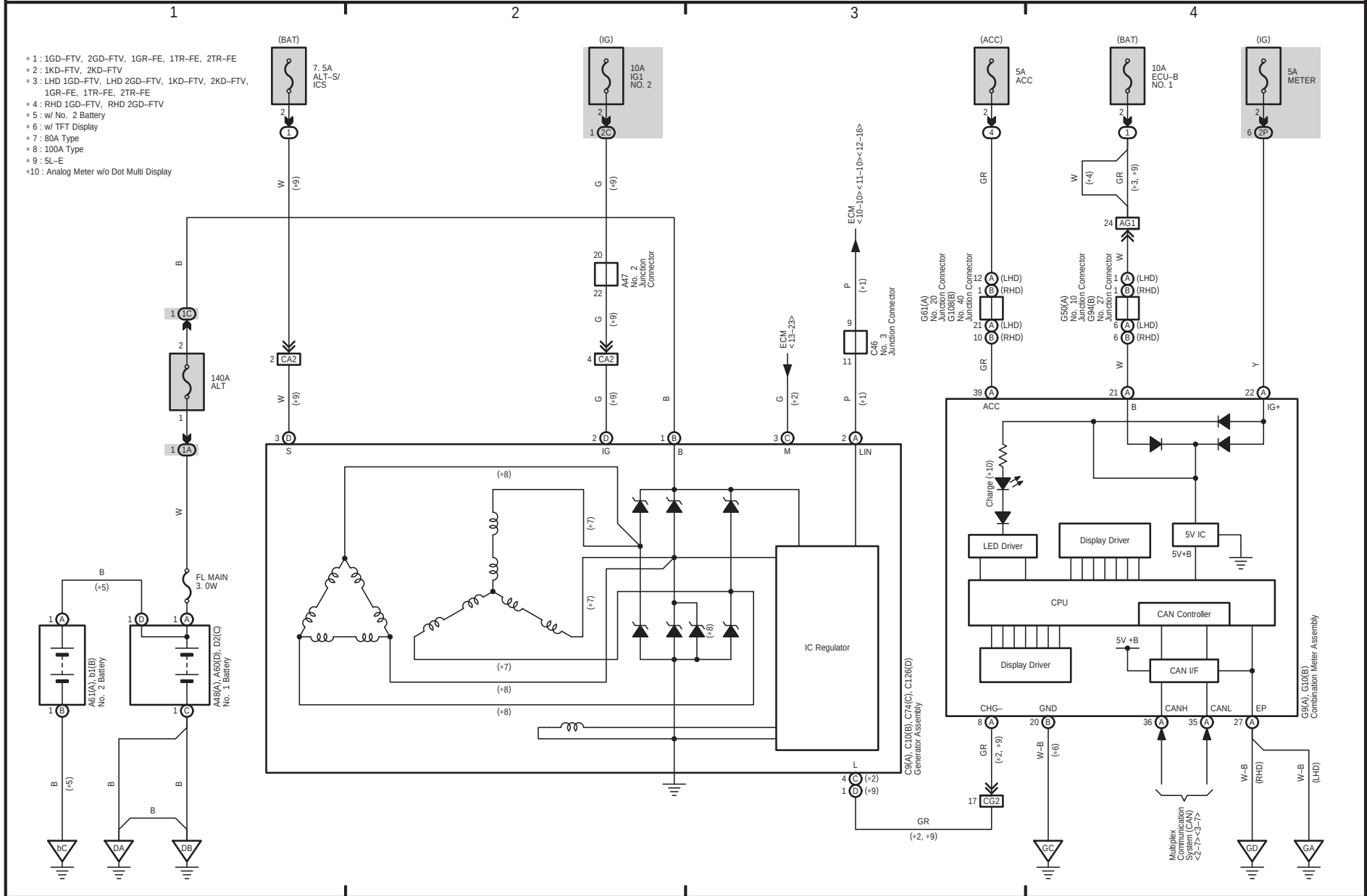
6 HILUX (Cont' d)

Starting (w/o Entry & Start System)

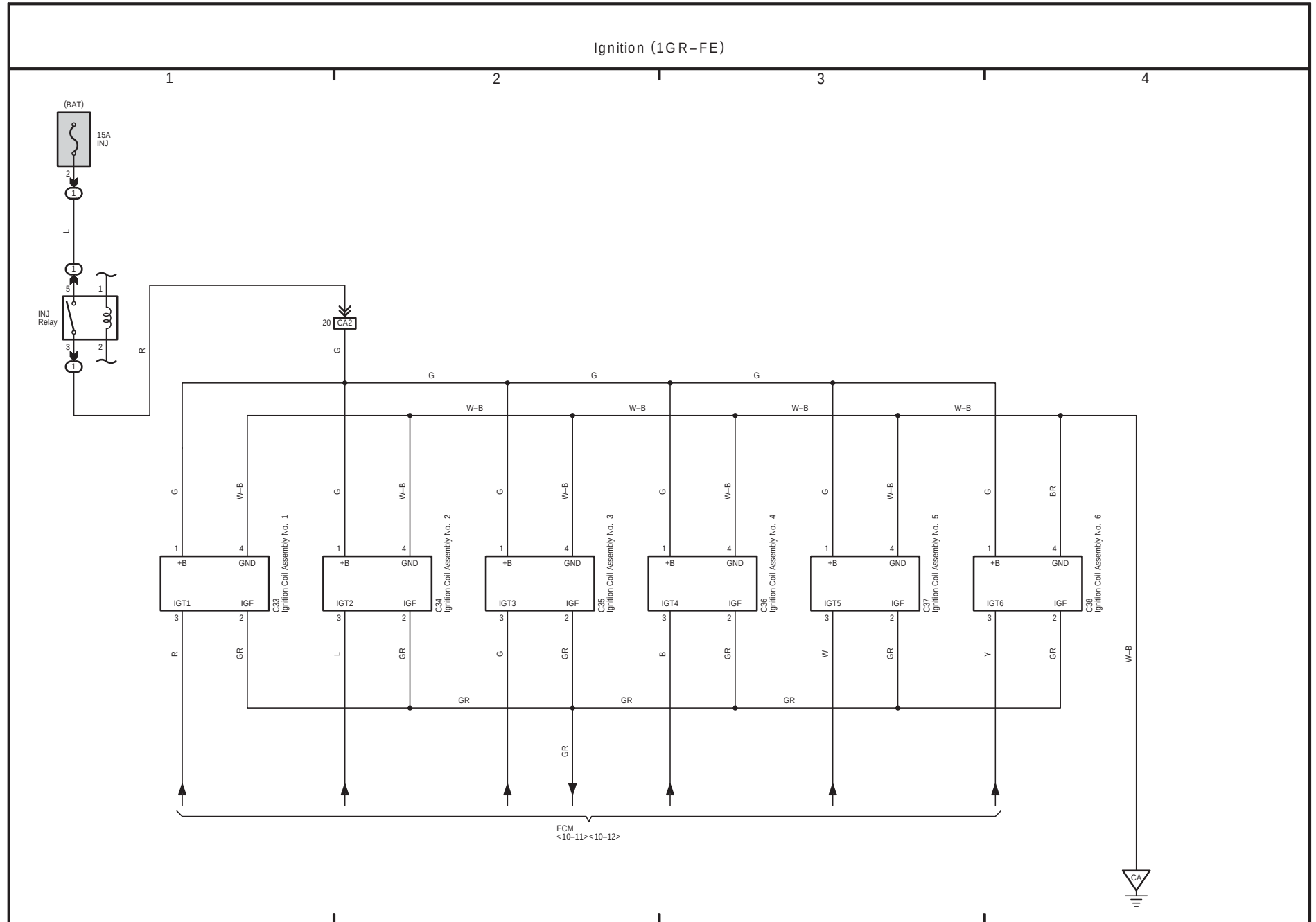


7 HILUX

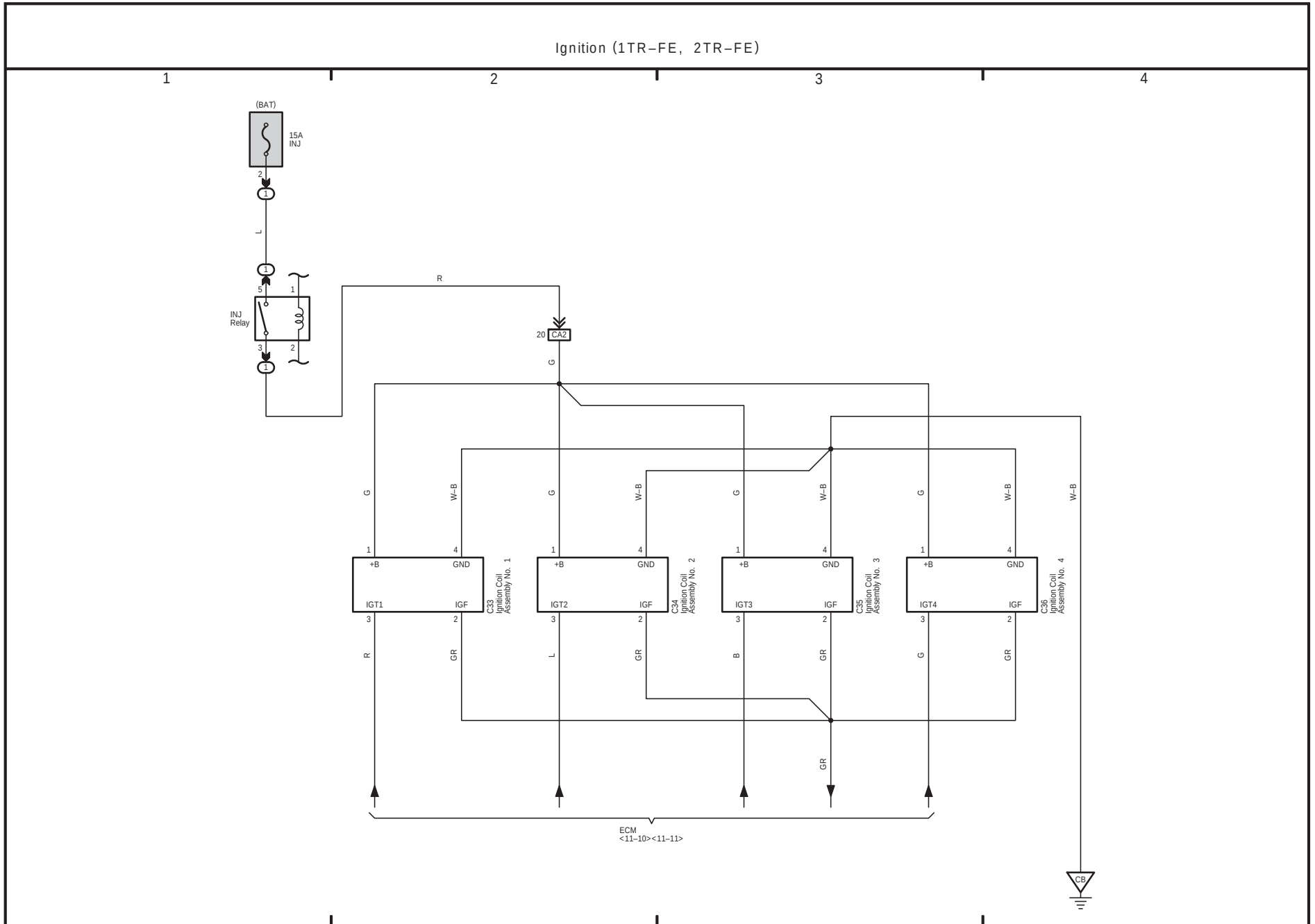
Charging (w/o Stop & Start System)



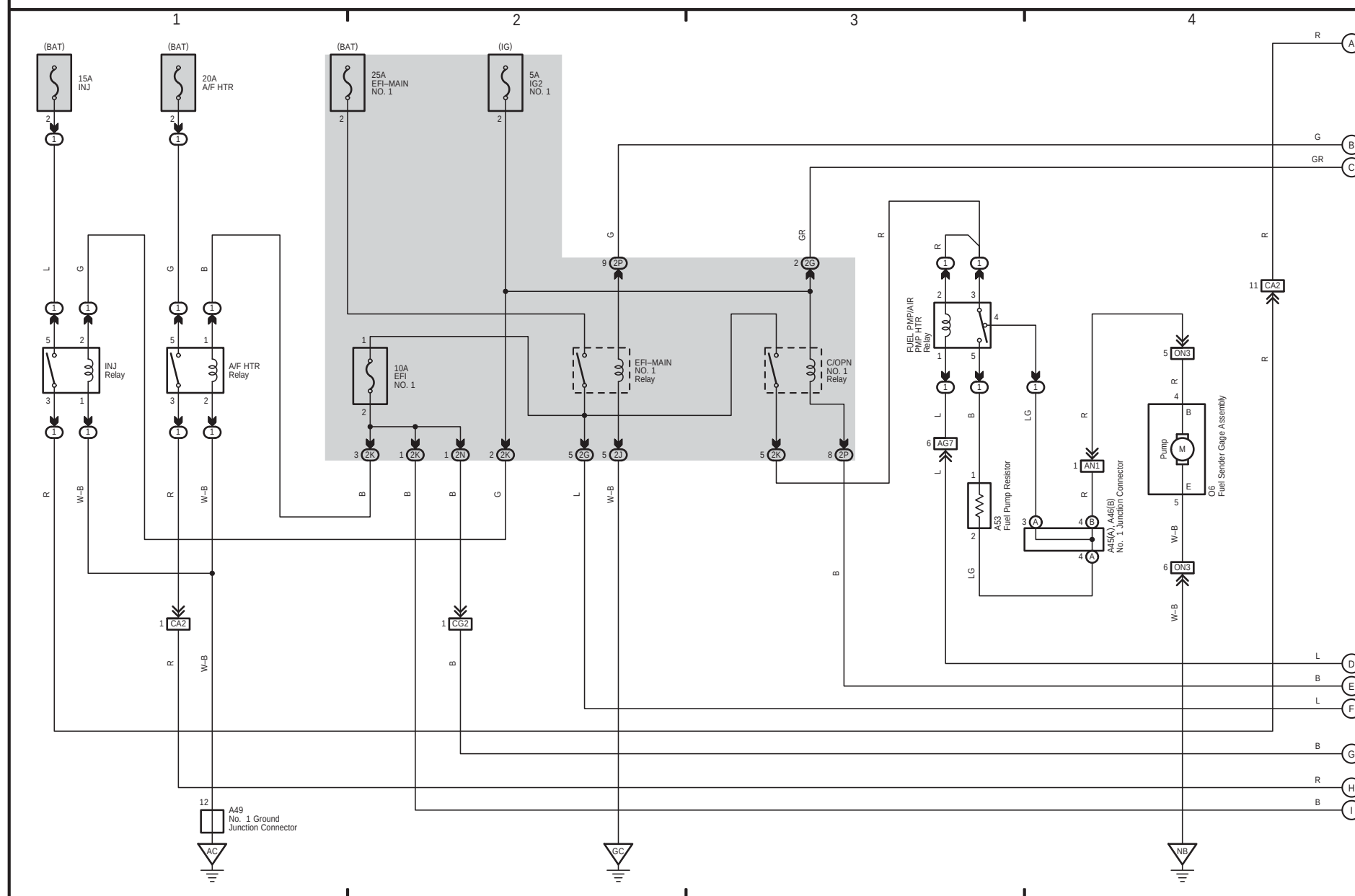
8 HILUX



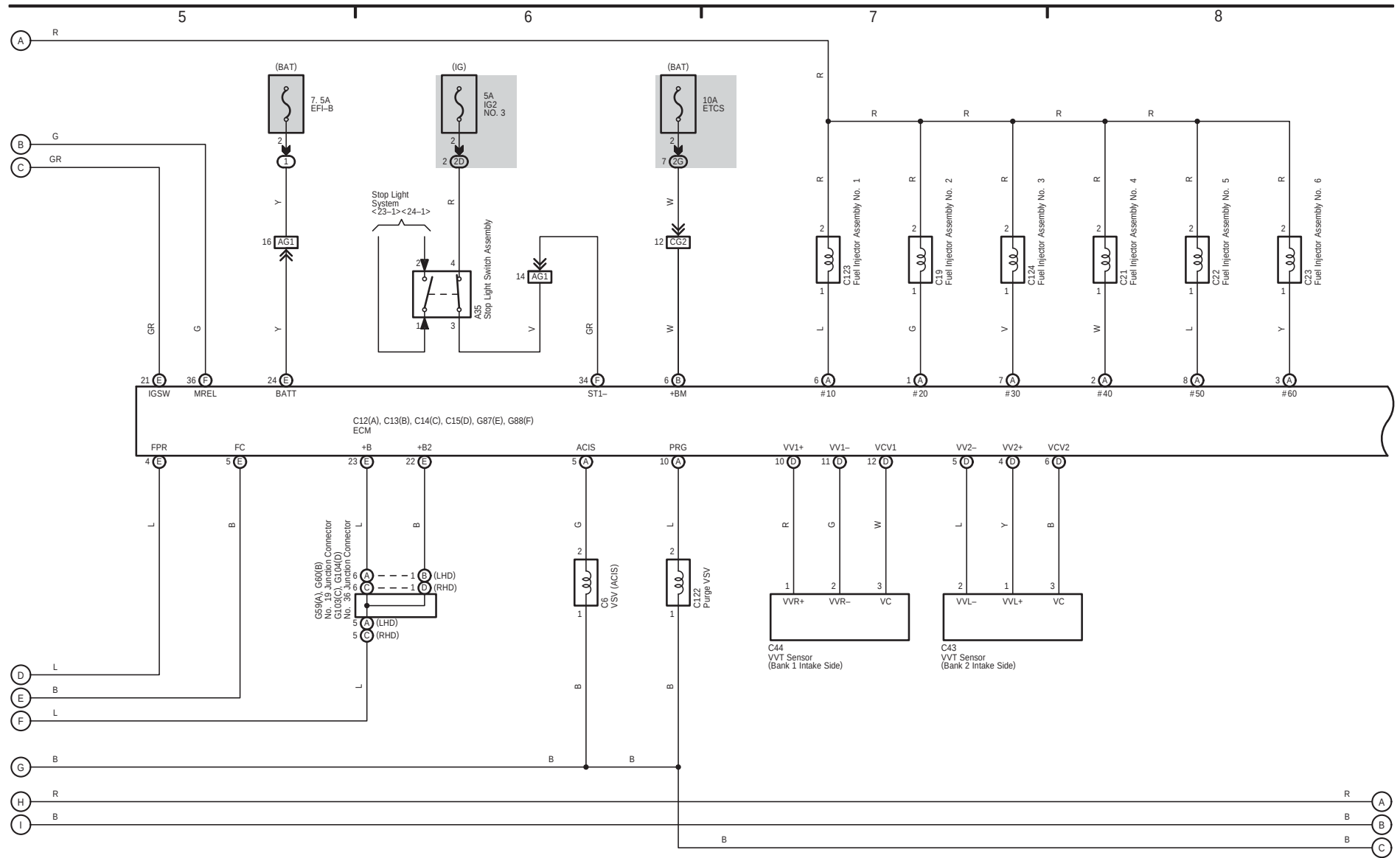
9 HILUX



Engine Control (1GR-FE)

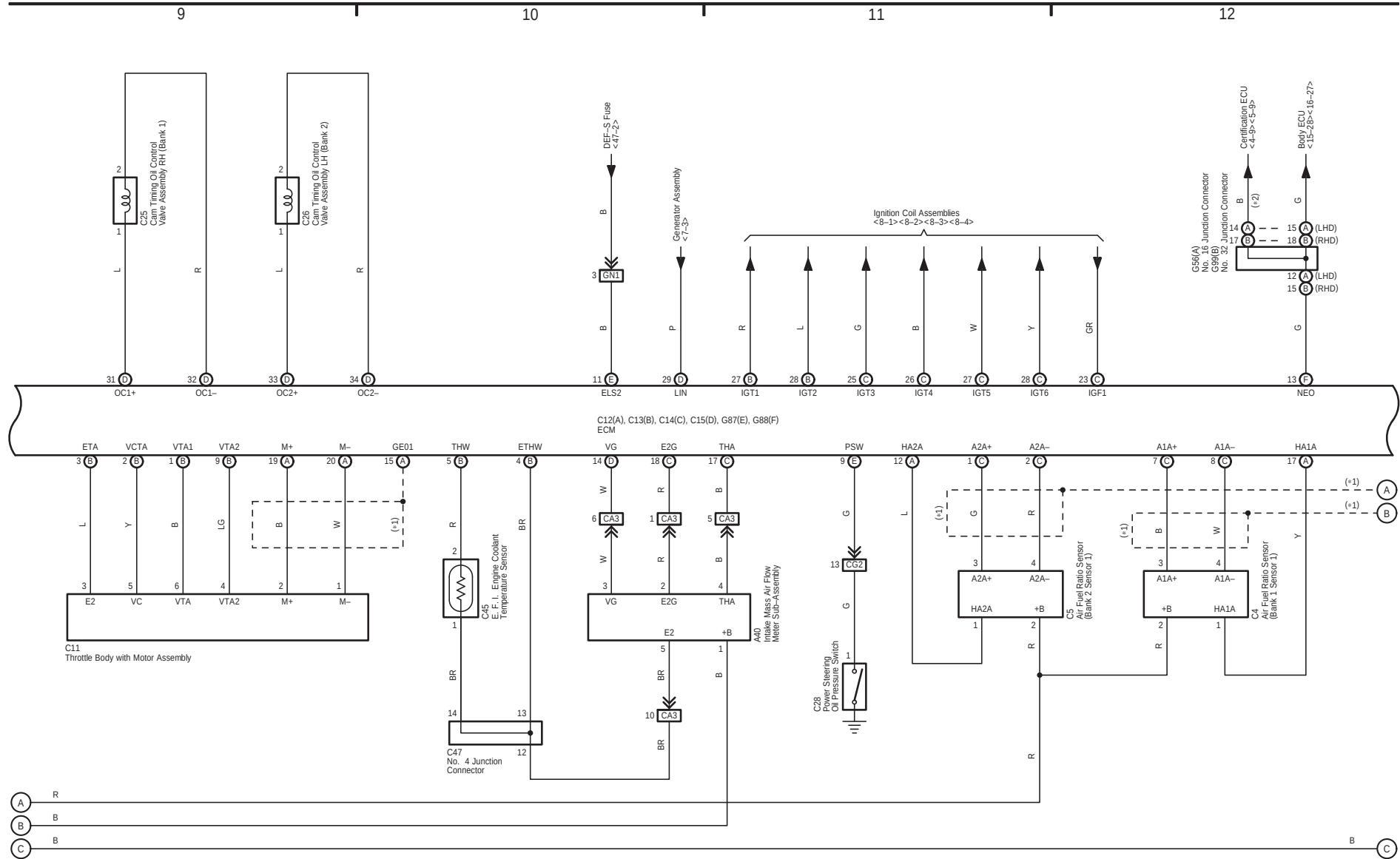


Engine Control (1GR-FE)



Engine Control (1GR-FE)

* 1 : Shielded
 * 2 : w/ Entry & Start System



- * 1 : Shielded
- * 5 : w/ A/C



Engine Control (1GR-FE)

Cruise Control (1GR-FE)

ECT and A/T Indicator (1GR-FE)

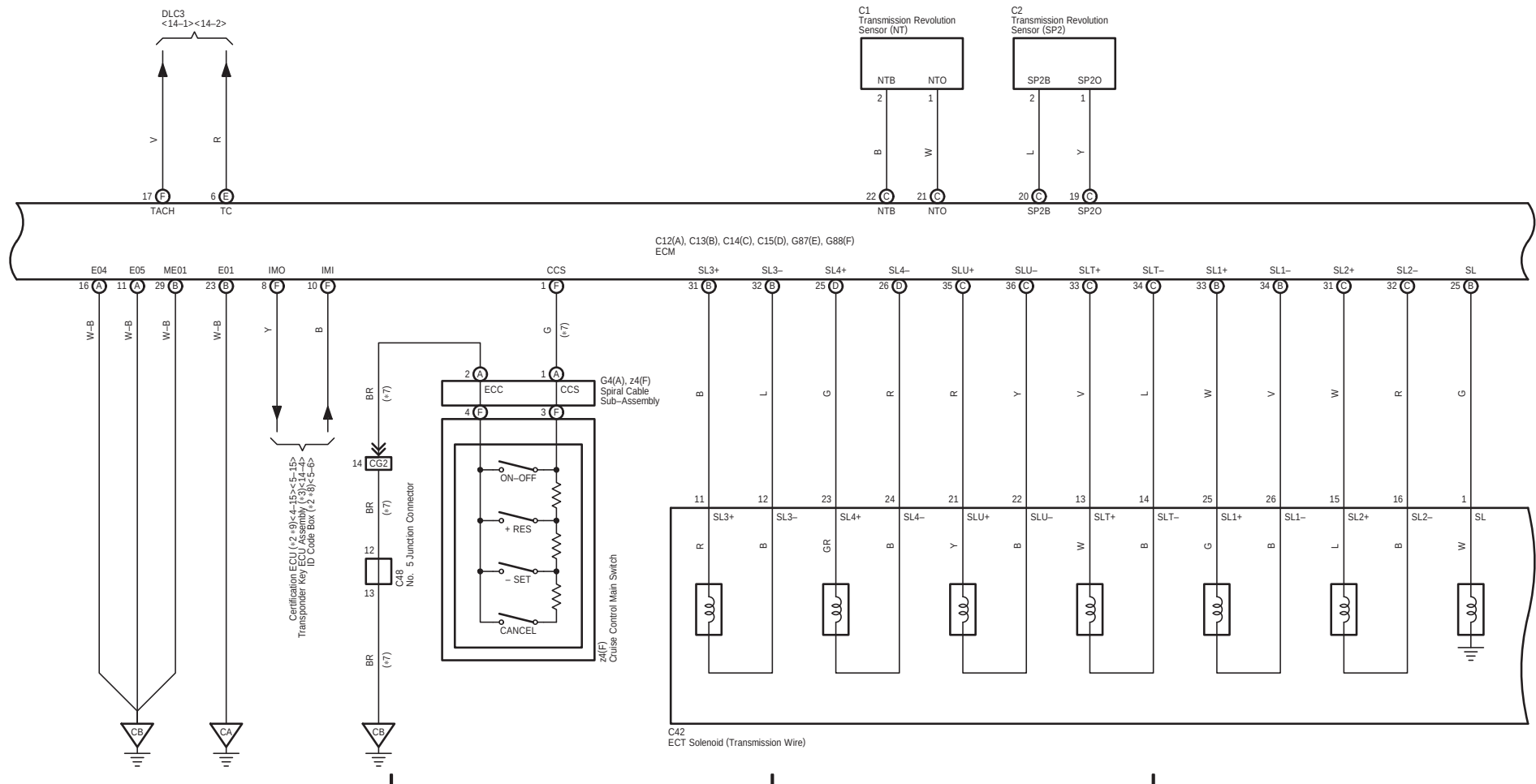
17

18

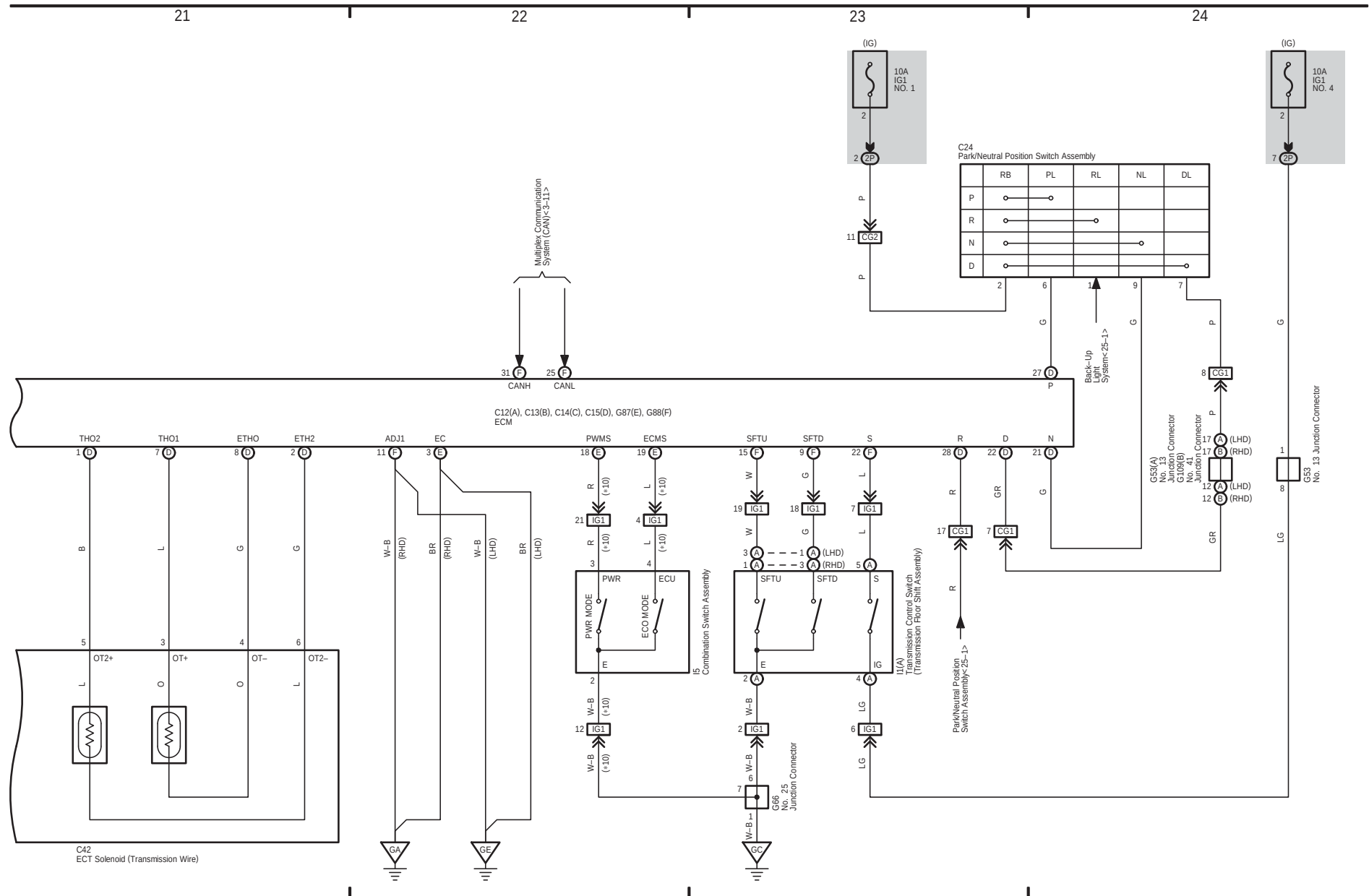
19

20

- * 2 : w/ Entry & Start System
- * 3 : w/o Entry & Start System
- * 7 : w/ Cruise Control
- * 8 : w/ ID Code Box
- * 9 : w/o ID Code Box

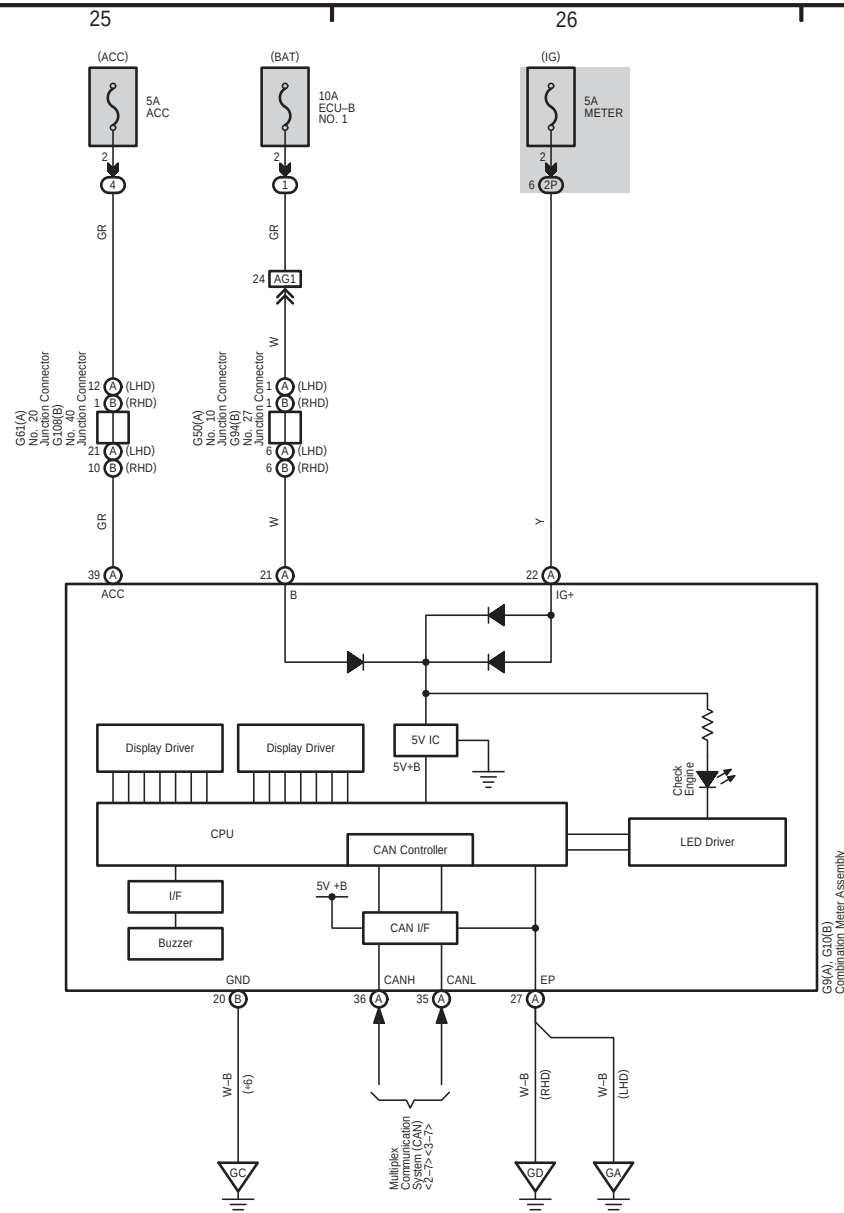


*10 : w/ Combination Switch Assembly



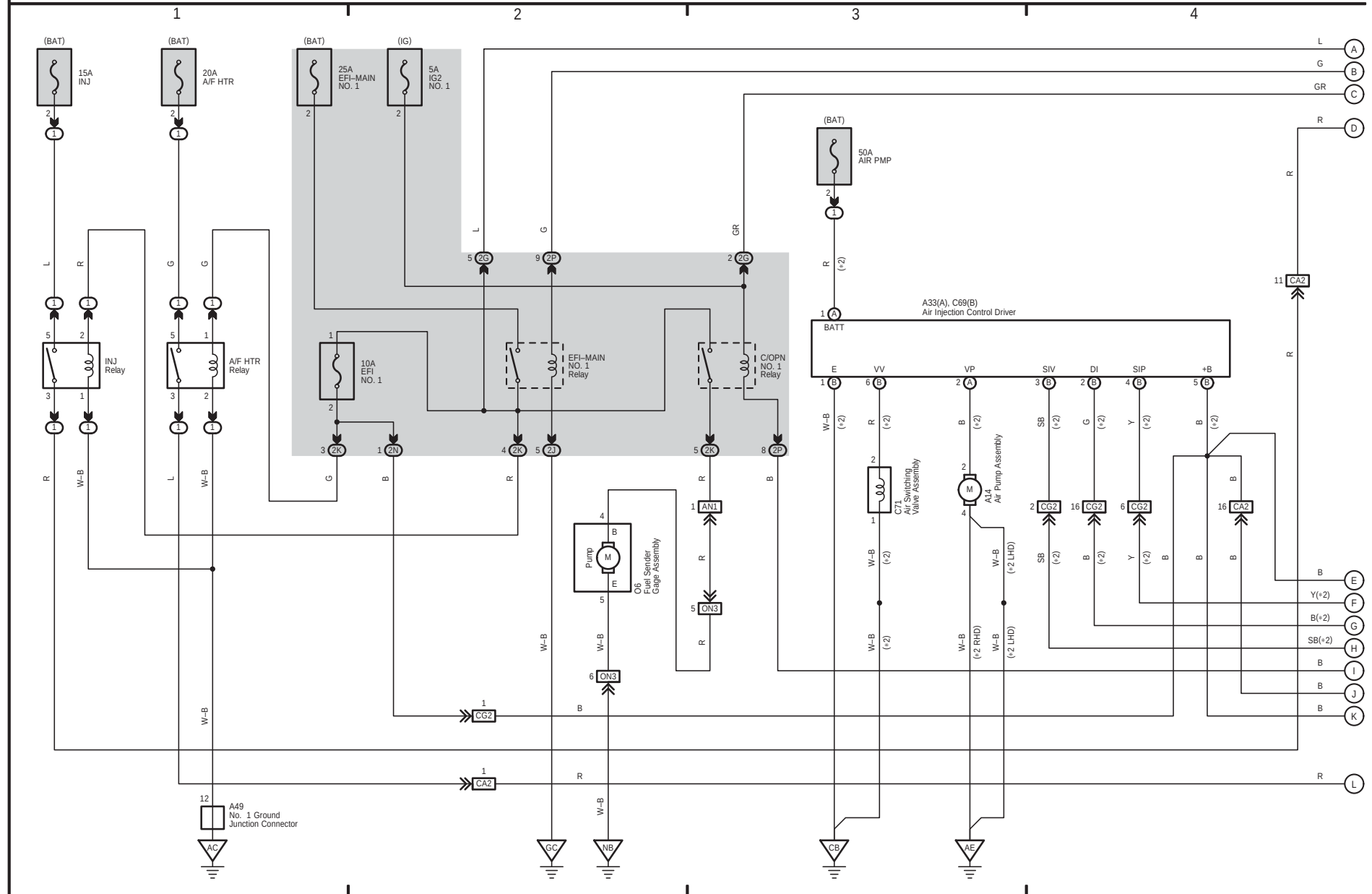
ECT and A/T Indicator (1GR-FE)

* 6 : w/ TFT Display



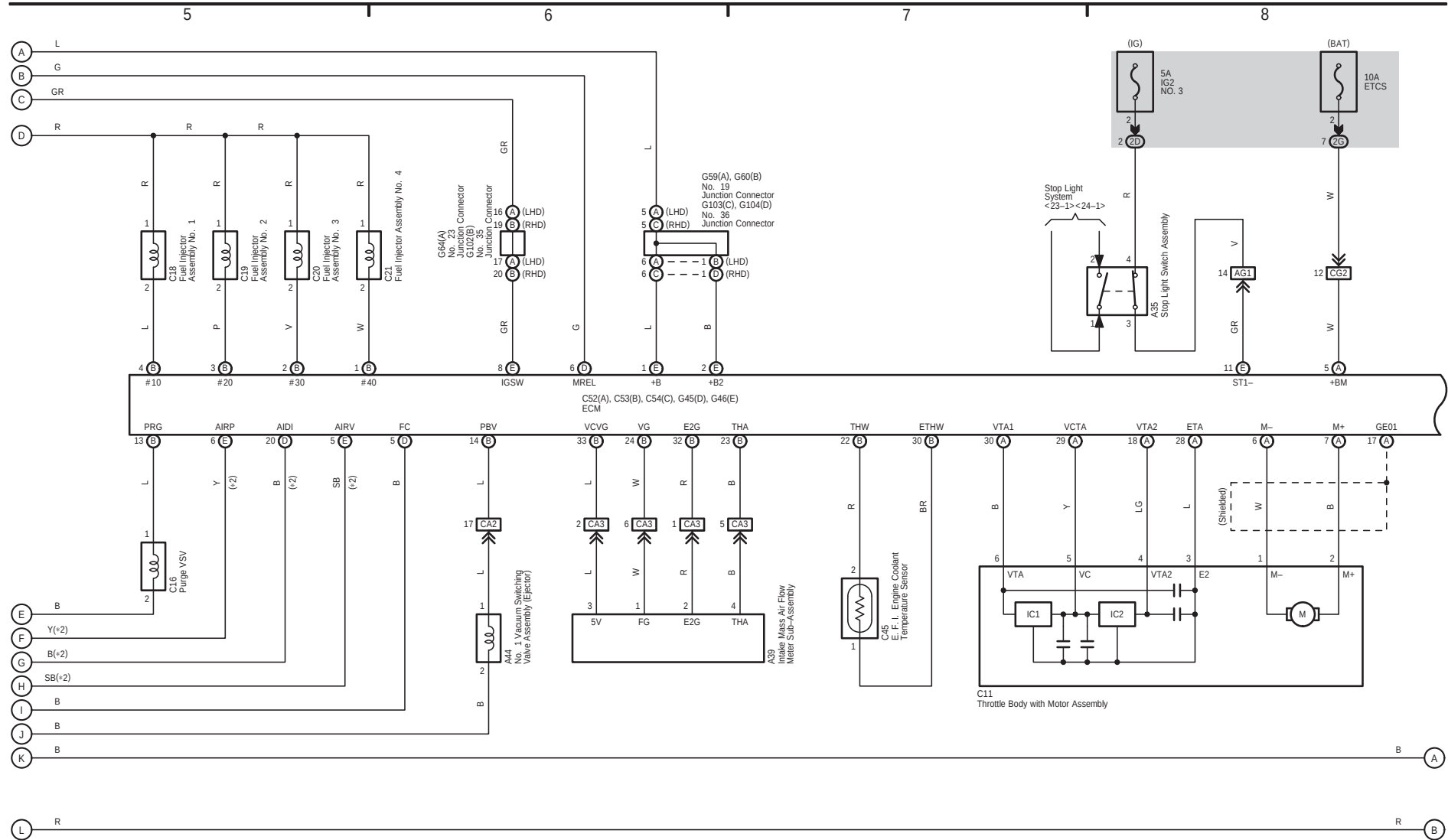
Engine Control (1TR-FE, 2TR-FE)

* 2 : w/ Air Injection Control Driver



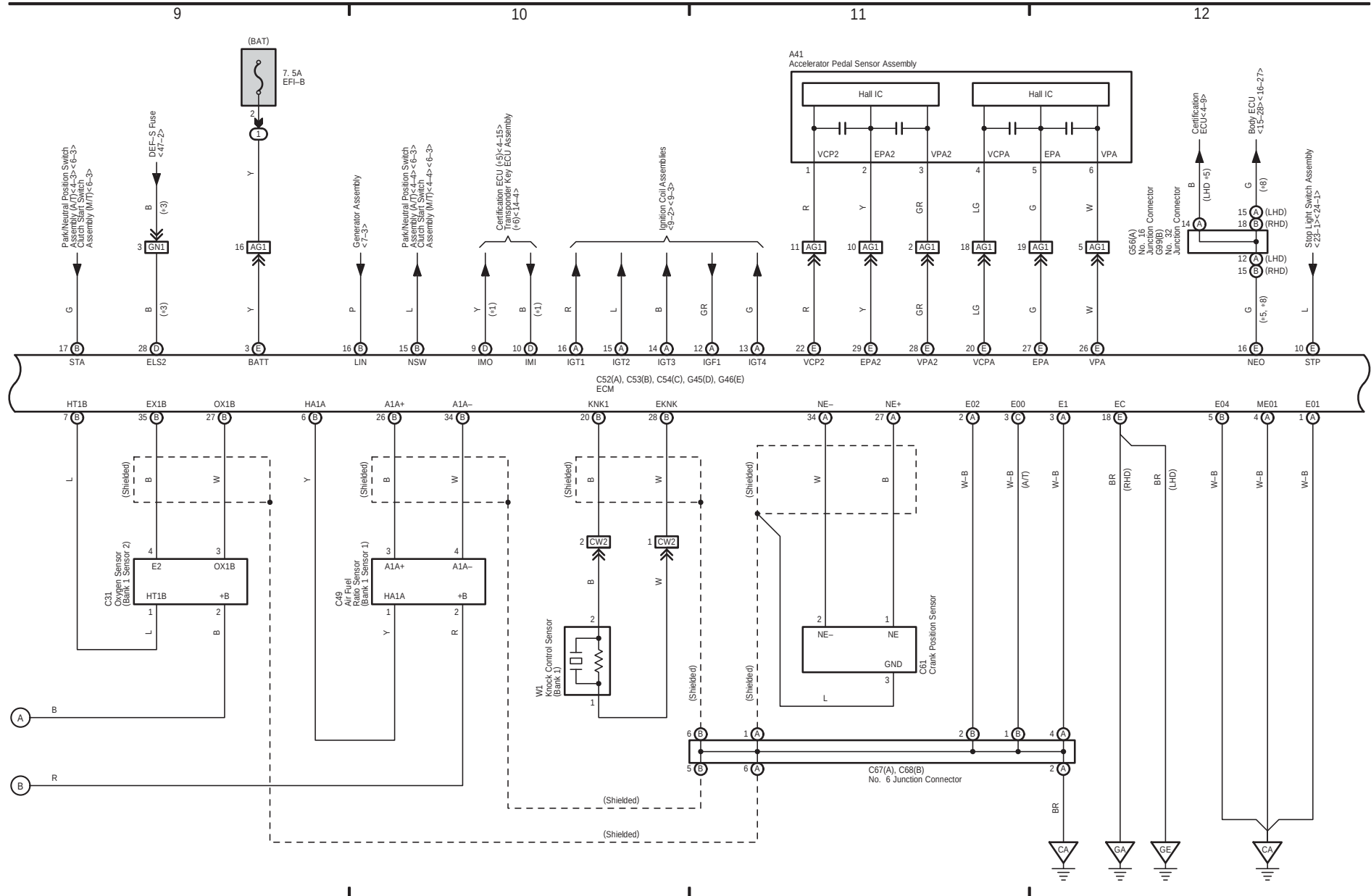
Engine Control (1TR-FE, 2TR-FE)

* 2 : w/ Air Injection Control Driver



Engine Control (1TR-FE, 2TR-FE)

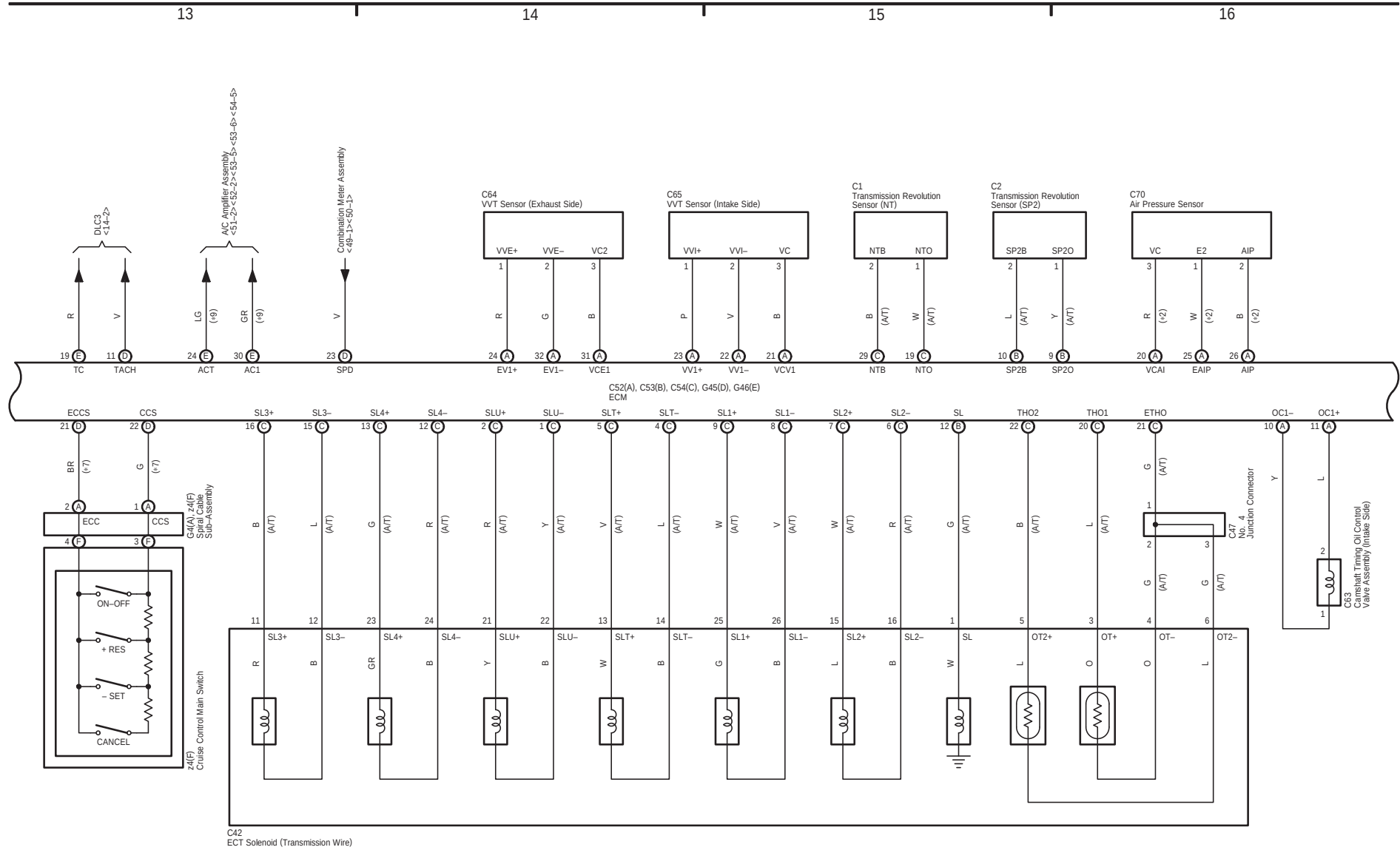
- * 1 : w/ Immobiliser System
- * 3 : w/ Rear Window Defogger
- * 5 : w/ Entry & Start System
- * 6 : w/o Entry & Start System
- * 8 : w/ Body ECU



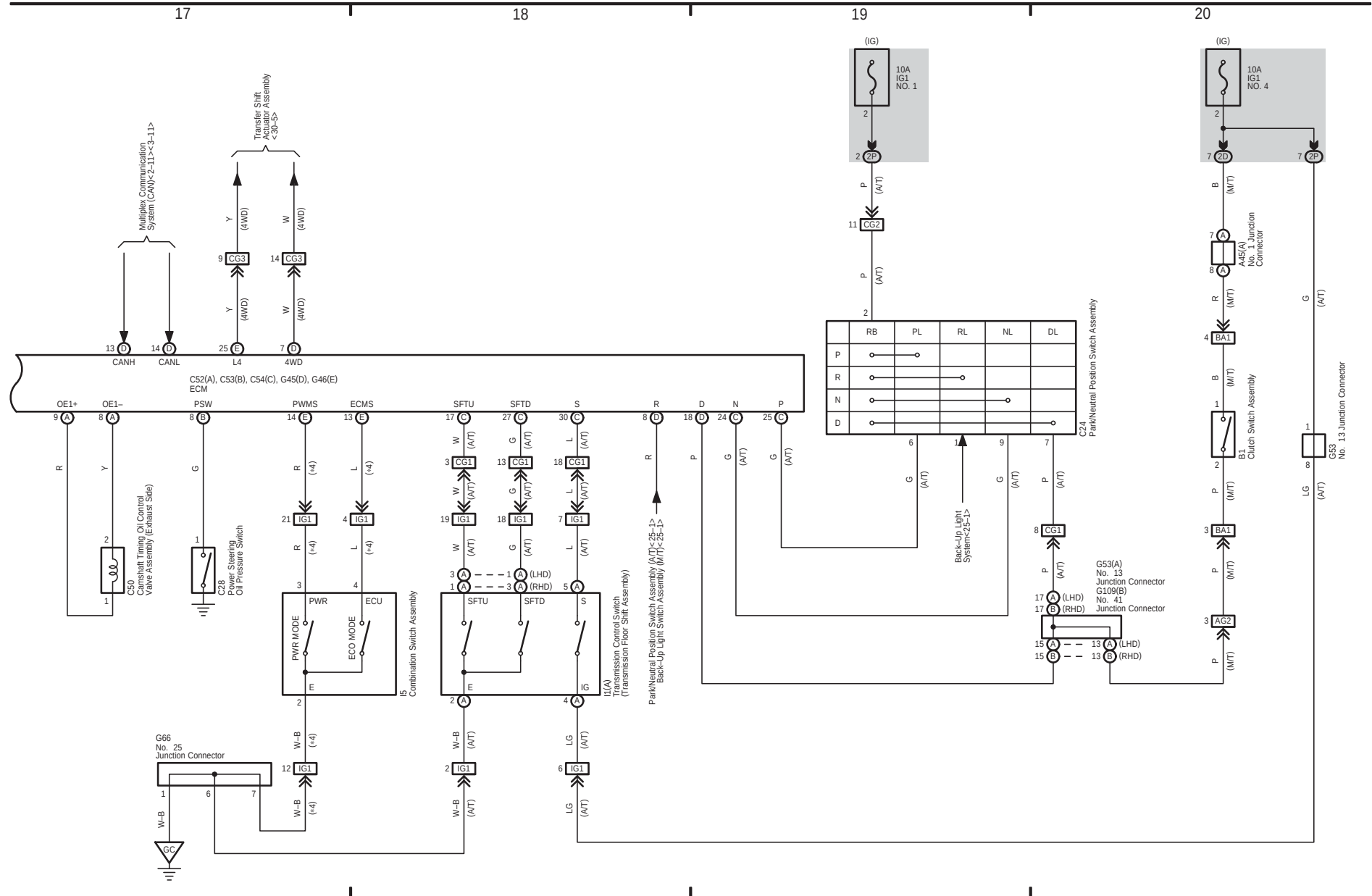
Cruise Control (2TR-FE)

ECT and A/T Indicator (2TR-FE)

* 2 : w/ Air Injection Control Driver
 * 7 : w/ Cruise Control
 * 9 : w/ A/C



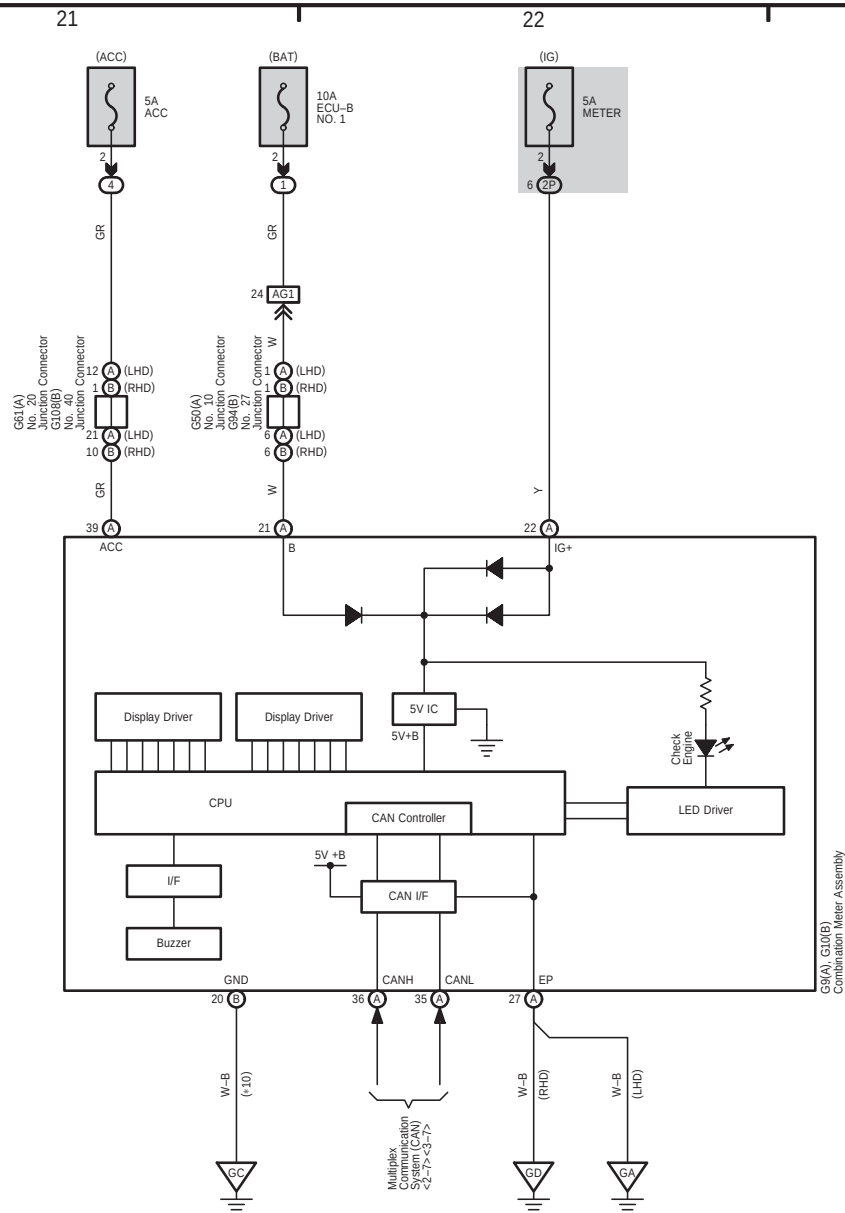
* 4 : w/ Combination Switch Assembly



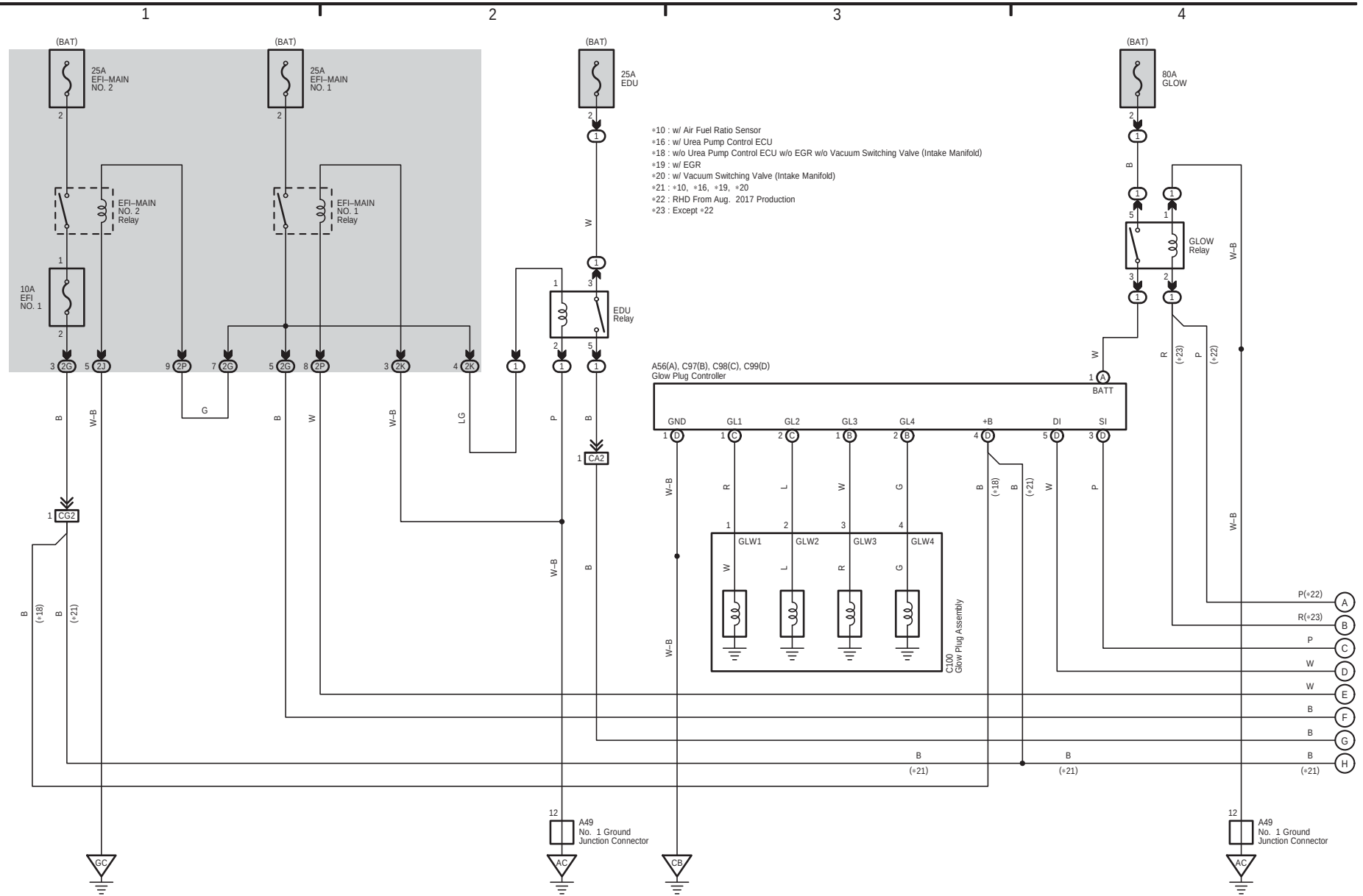
11 HILUX (Cont' d)

ECT and A/T Indicator (2TR-FE)

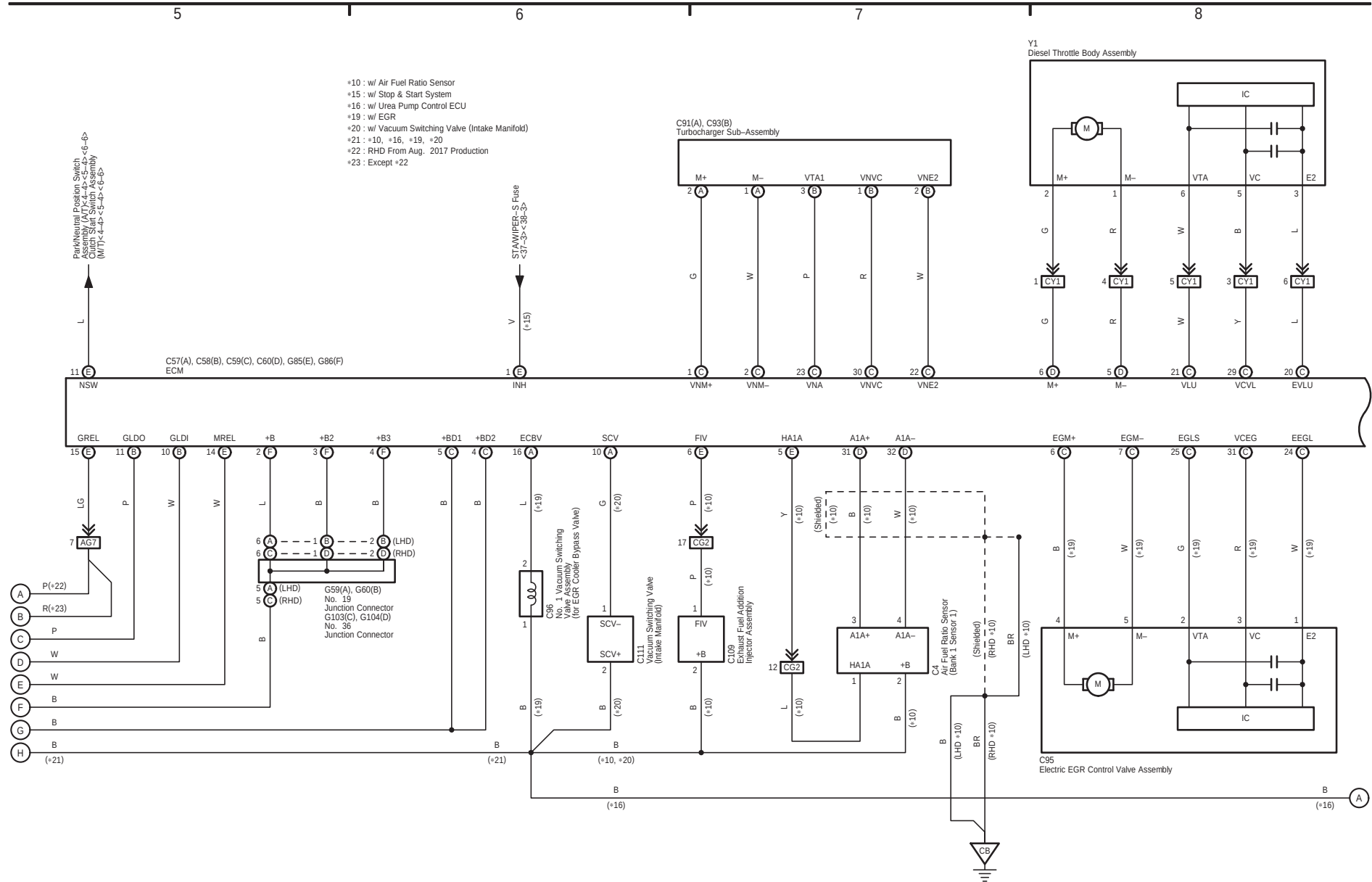
*10 : w/ TFT Display



Engine Control (1GD-FTV, 2GD-FTV)

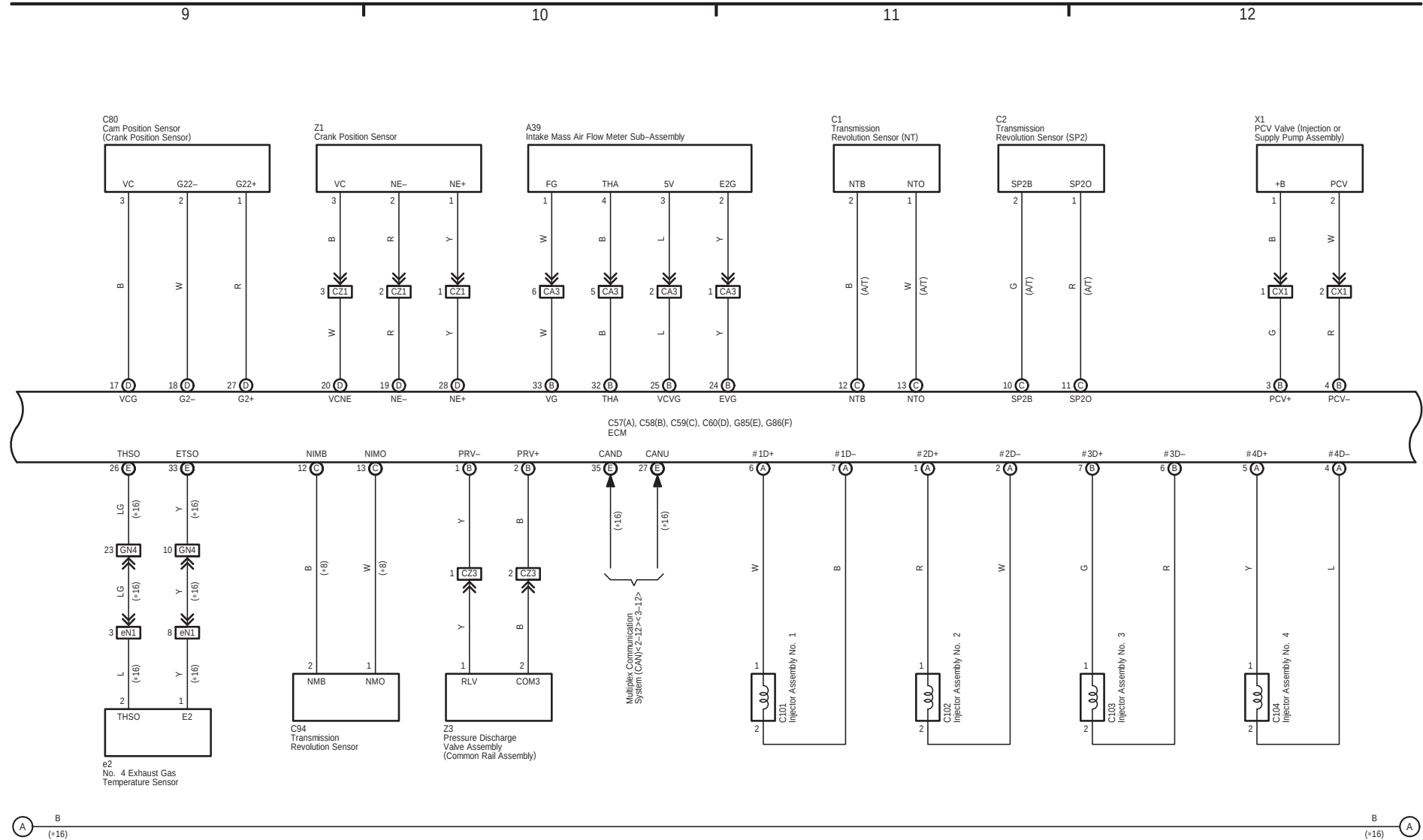


Engine Control (1GD-FTV, 2GD-FTV)



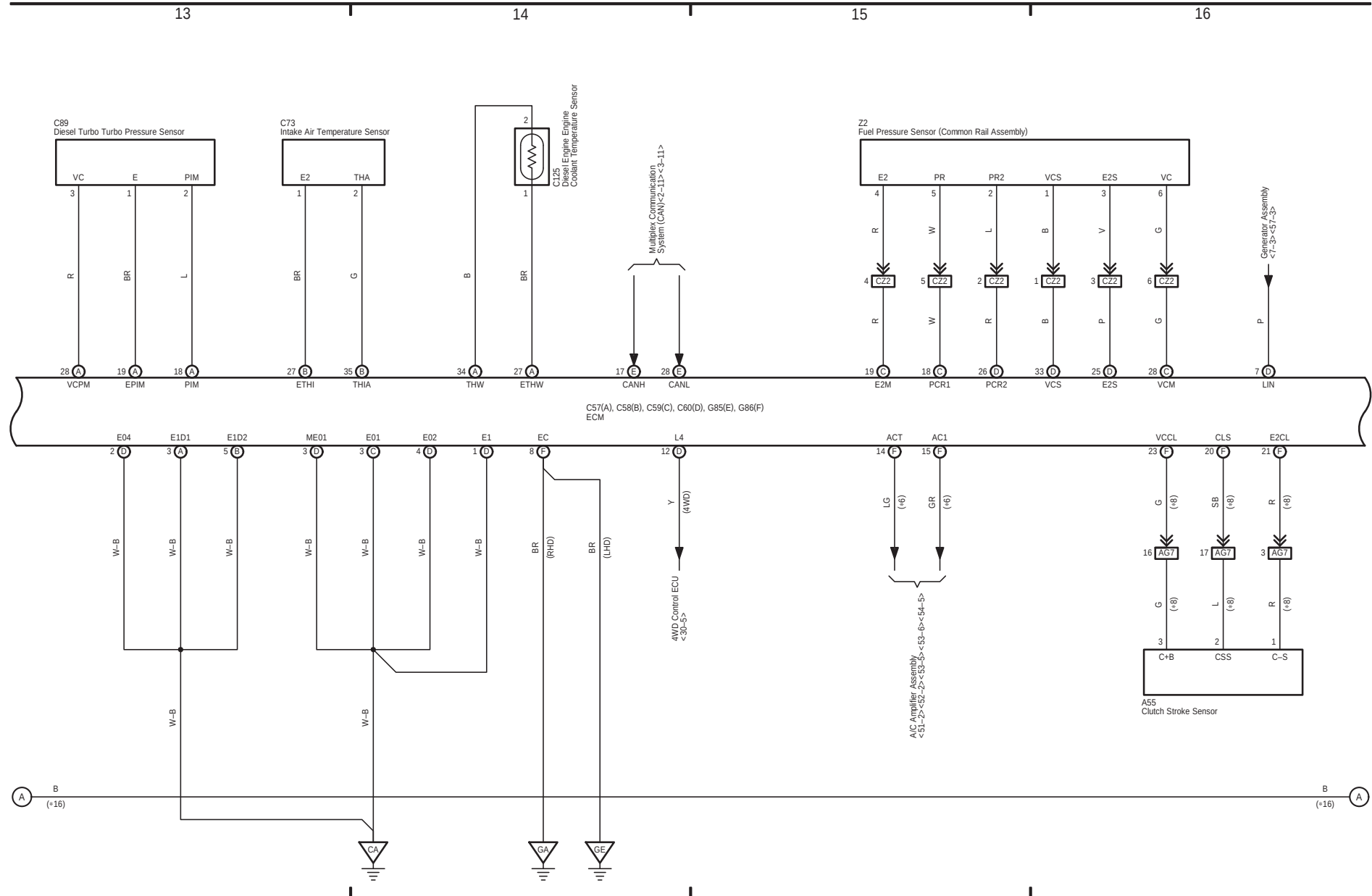
Engine Control (1GD-FTV, 2GD-FTV)

* 8 : Intelligent Manual Transmission
 *16 : w/ Urea Pump Control ECU



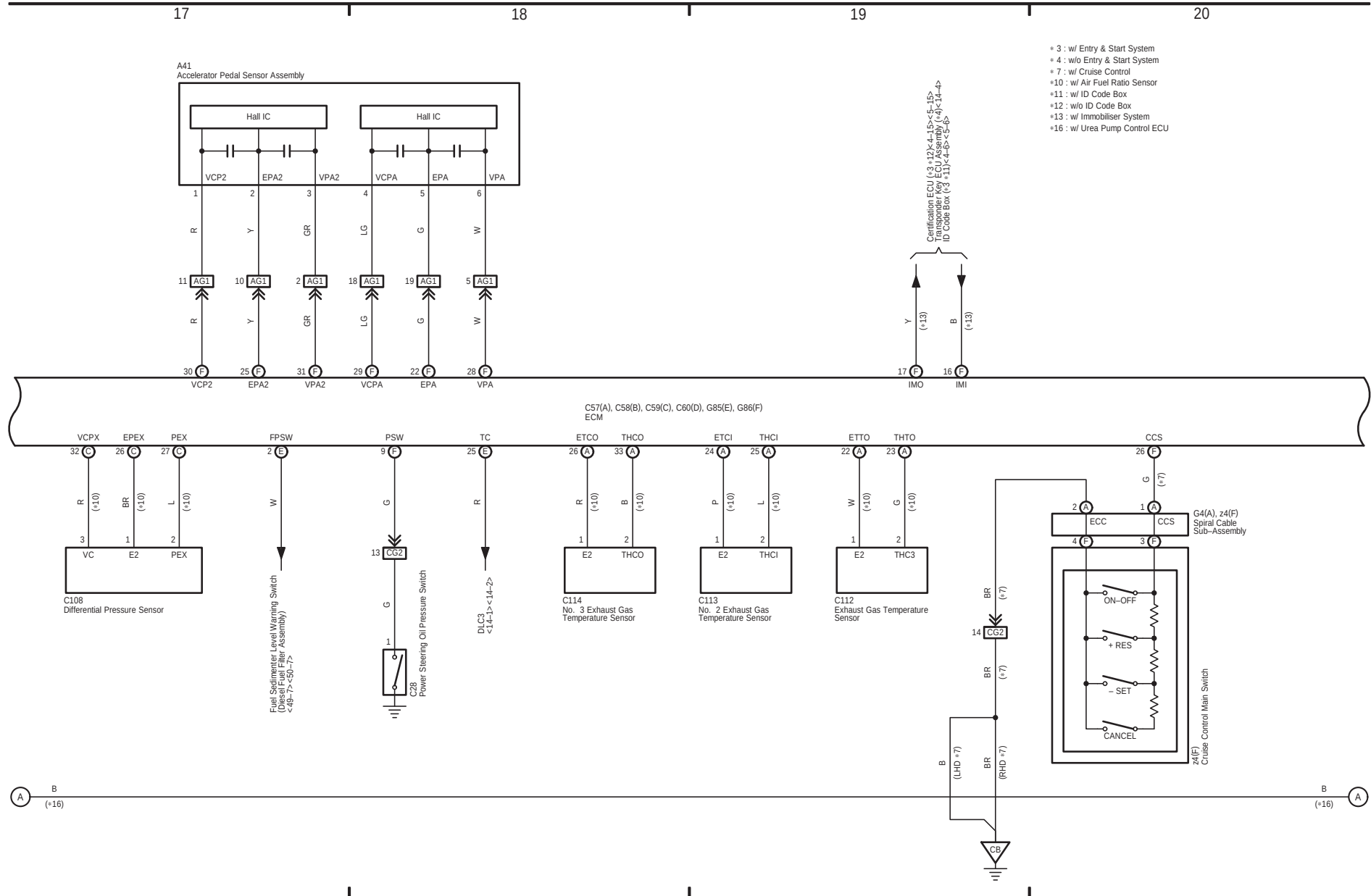
Engine Control (1GD-FTV, 2GD-FTV)

* 6 : w/ A/C
 * 8 : Intelligent Manual Transmission
 * 16 : w/ Urea Pump Control ECU

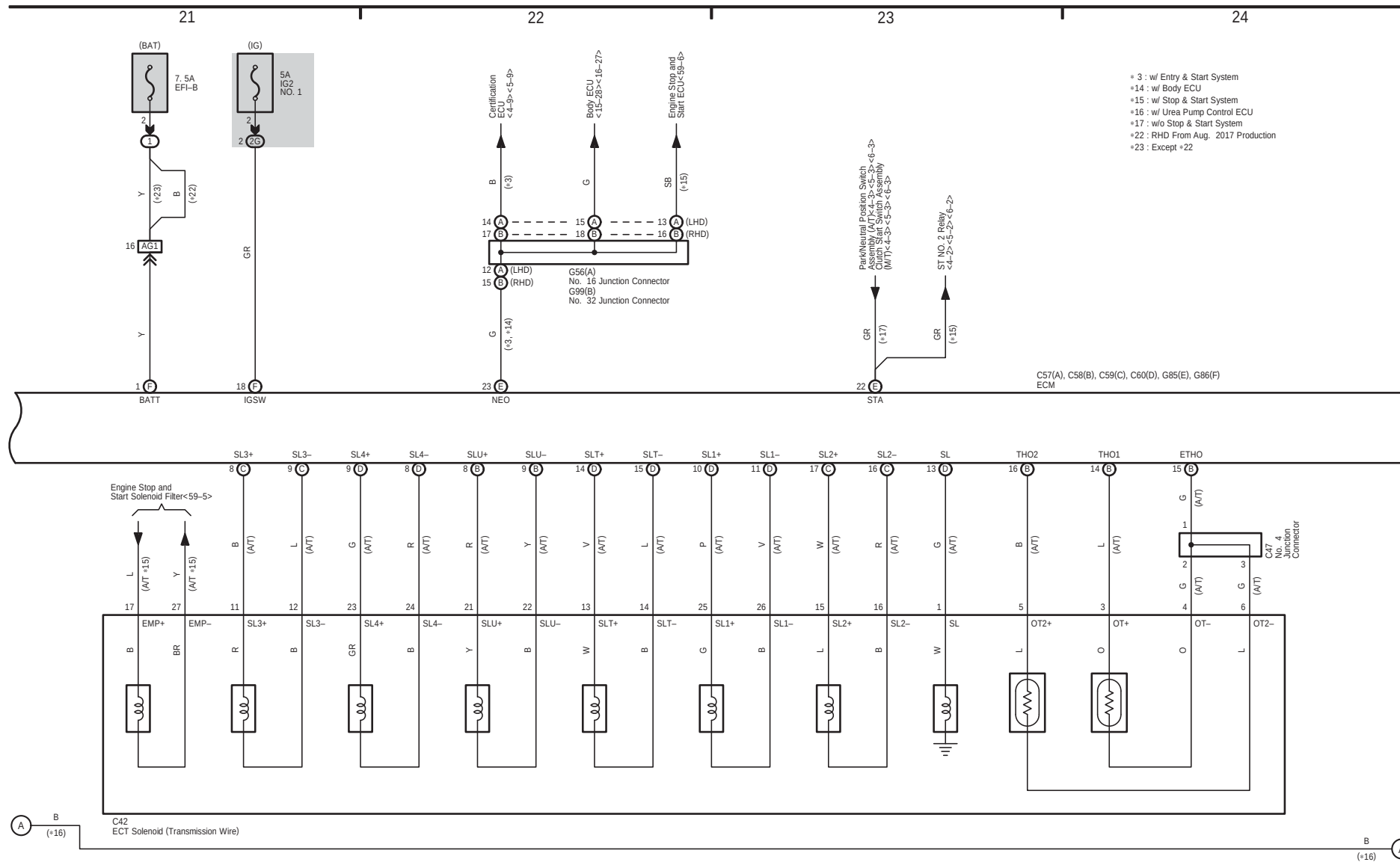


Engine Control (1GD-FTV, 2GD-FTV)

Cruise Control (1GD-FTV, 2GD-FTV)



ECT and A/T Indicator (1GD-FTV, 2GD-FTV)



25

26

27

28

Wiring Diagram for the 2017 Hyundai Tucson 2.0L Hybrid, showing the electrical system for the 2017 production model.

Key components and wiring details:

- Battery (A) (+16):** Connected to ground (B) (-16).
- Engine Stop and Start System:** Includes the Engine Stop and Start ECU (ECU-98-8S) and the Engine Stop and Start Switch Assembly (MTY-25-1).
- Transmission Control:** Includes the Transmission Control Switch (Transmission Floor Shift Assembly) and the Transmission Control Switch Assembly (MTY-25-1).
- Stop Light System:** Includes the Stop Light Switch Assembly (MTY-25-1) and the Stop Light System (22-1-24-1).
- Back-Up Light System:** Includes the Back-Up Light Switch Assembly (MTY-25-1) and the Back-Up Light System (25-1).
- Combination Meter Assembly:** Includes the Combination Meter Assembly (MTY-25-1) and the Combination Meter Assembly (MTY-25-1).
- Sensors and Switches:** Includes the Stop Light Switch Assembly (MTY-25-1), Back-Up Light Switch Assembly (MTY-25-1), and Combination Meter Assembly (MTY-25-1).

Legend:

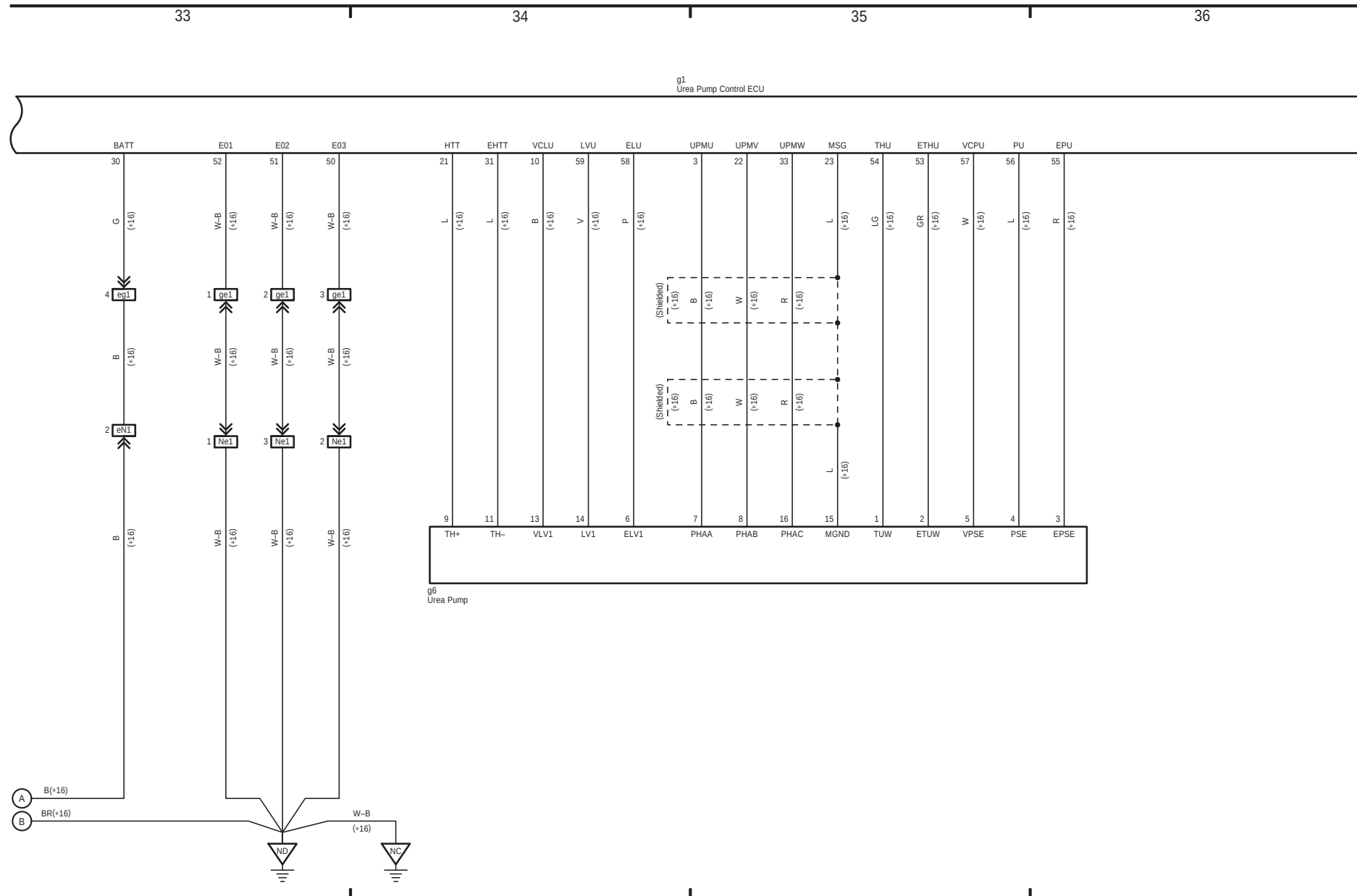
- * 8 : Intelligent Manual Transmission
- * 9 : w/ Combination Switch Assembly
- * 15 : w/ Stop & Start System
- * 16 : w/ Urea Pump Control ECU
- * 22 : RHD From Aug. 2017 Production
- * 23 : Except *22

*16 : w/ Urea Pump Control ECU
*22 : RHD From Aug. 2017 Production
*23 : Except *22



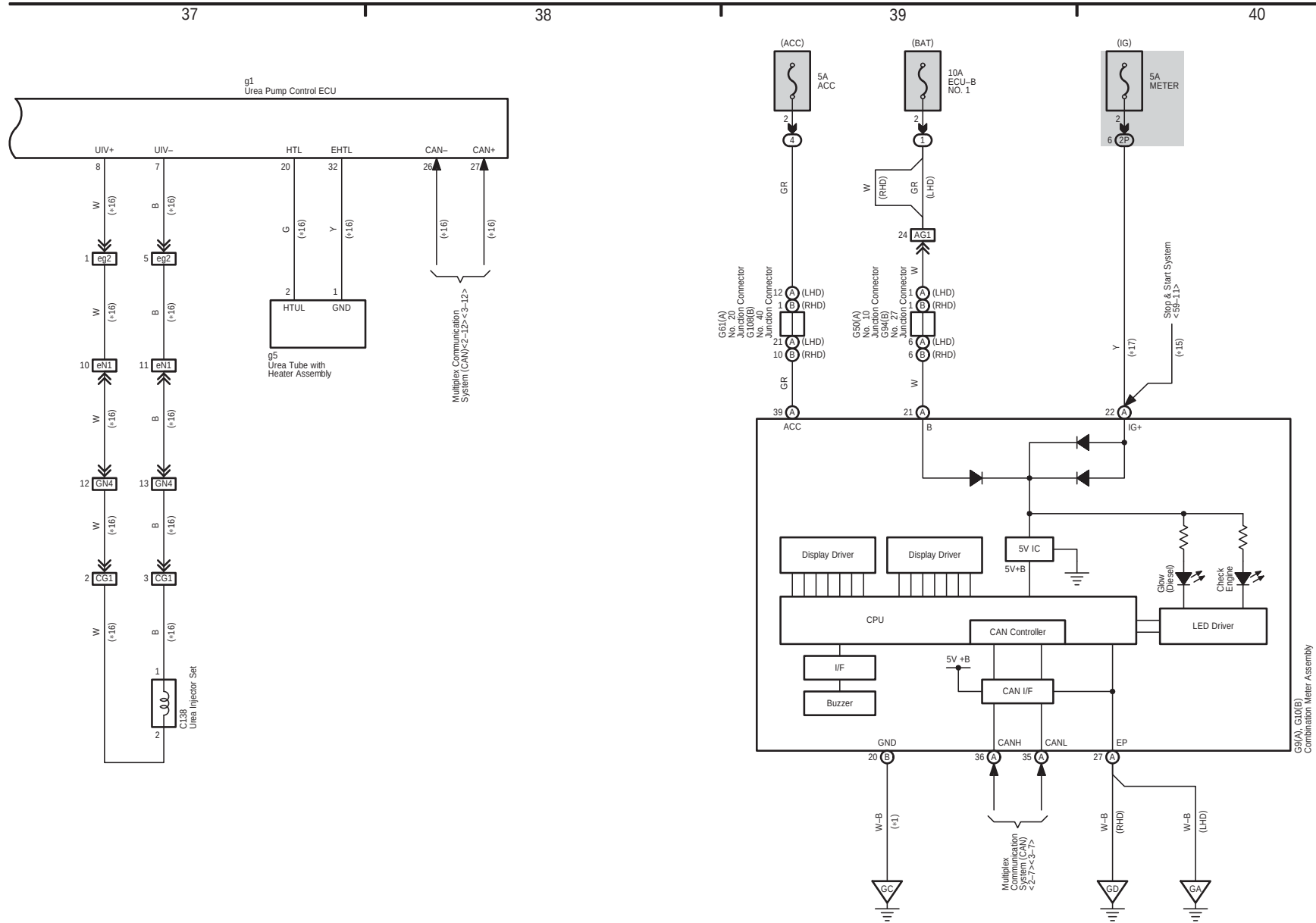
ECT and A/T Indicator (1GD-FTV, 2GD-FTV)

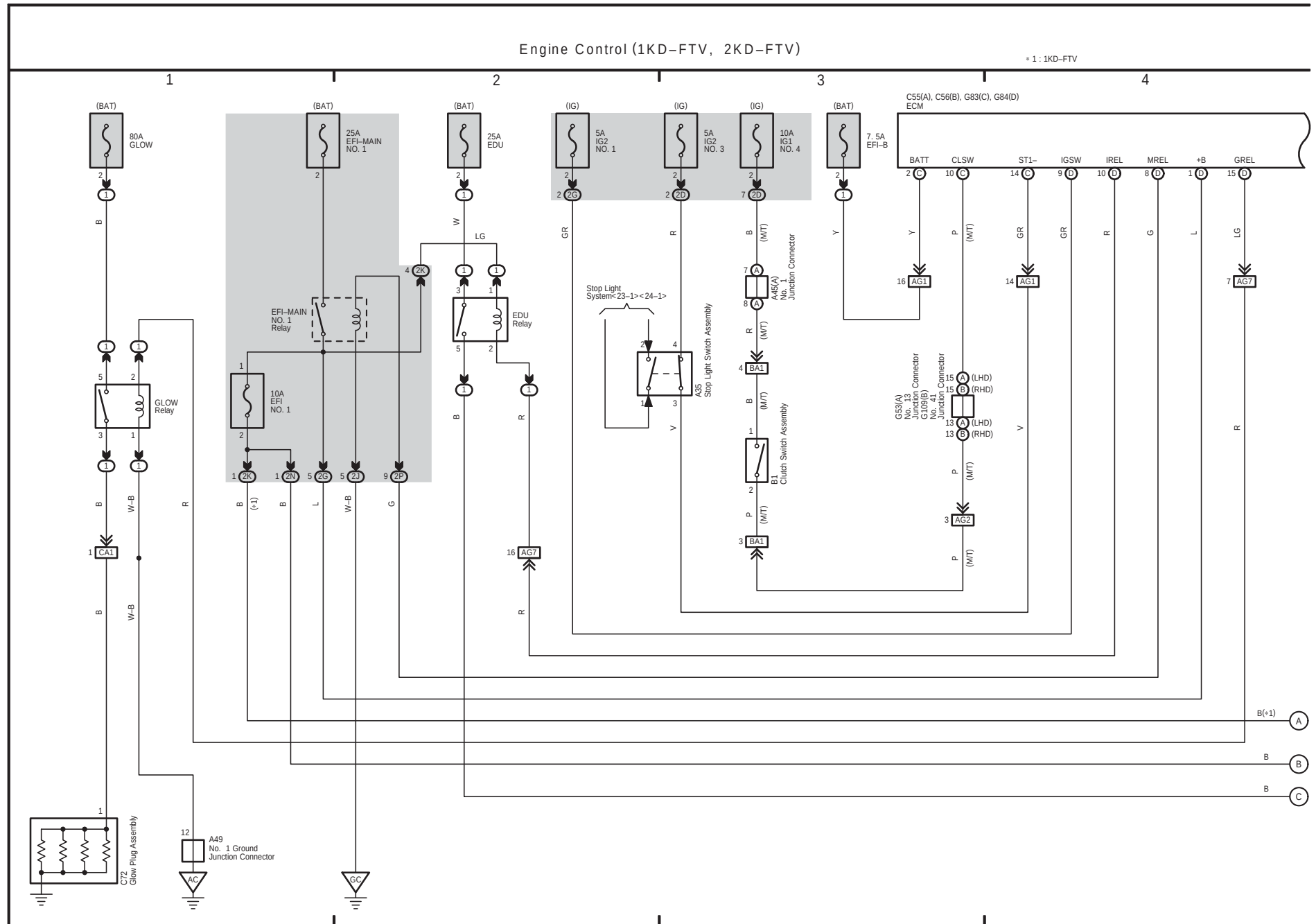
*16 : w/ Urea Pump Control ECU



ECT and A/T Indicator (1GD-FTV, 2GD-FTV)

- * 1 : w/ TFT Display
- * 15 : w/ Stop & Start System
- * 16 : w/ Urea Pump Control ECU
- * 17 : w/o Stop & Start System

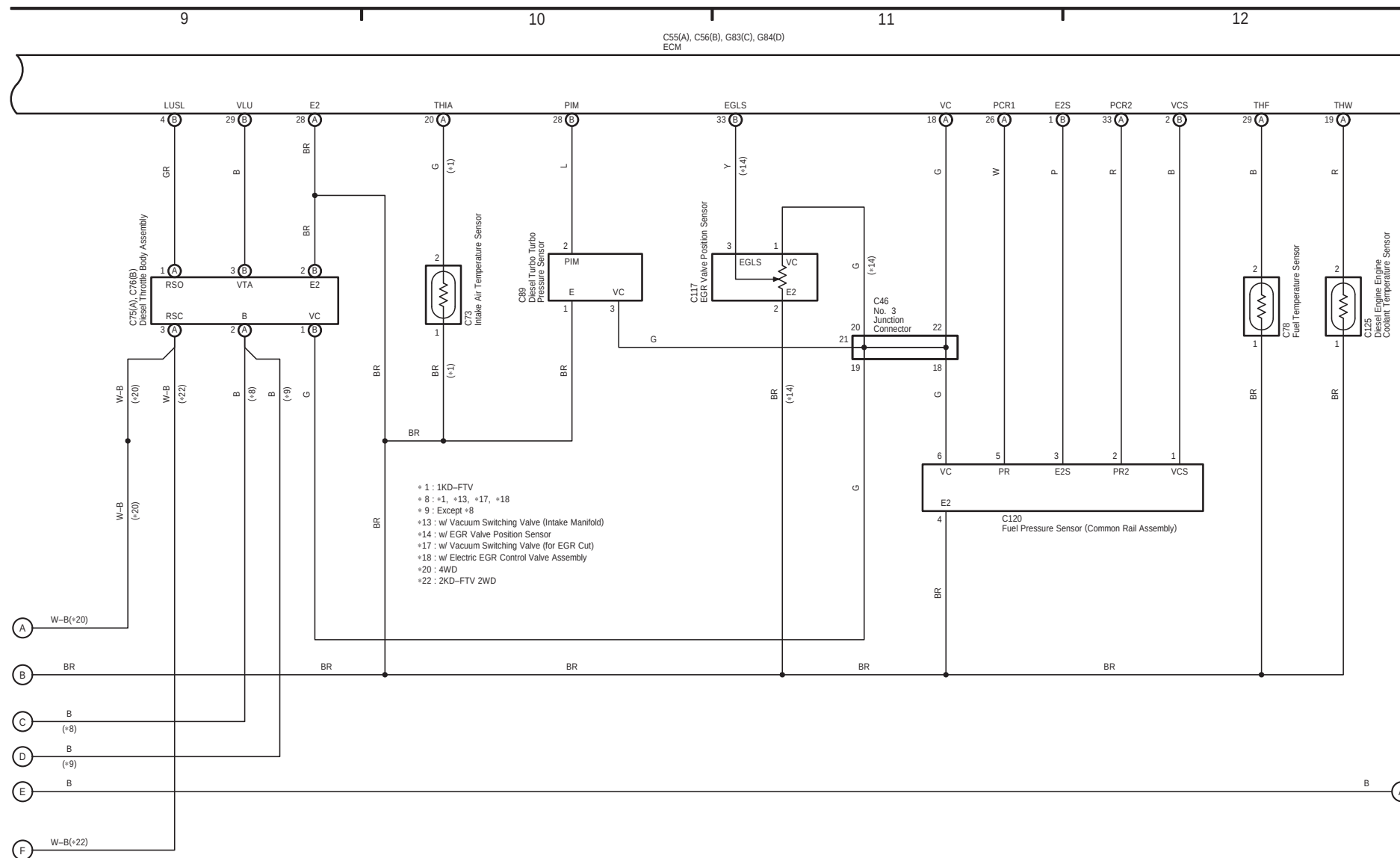


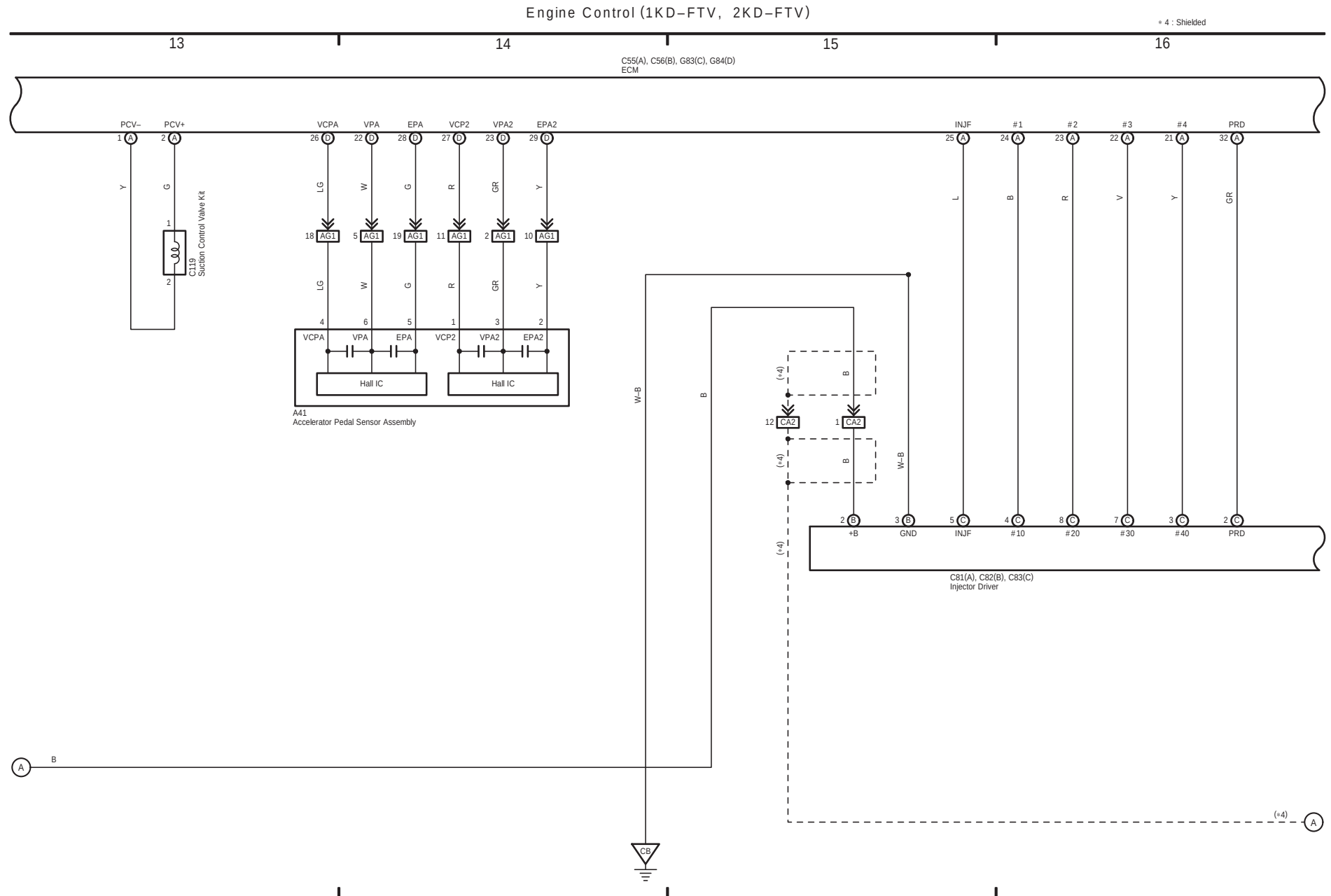


Engine Control (1KD-FTV, 2KD-FTV)



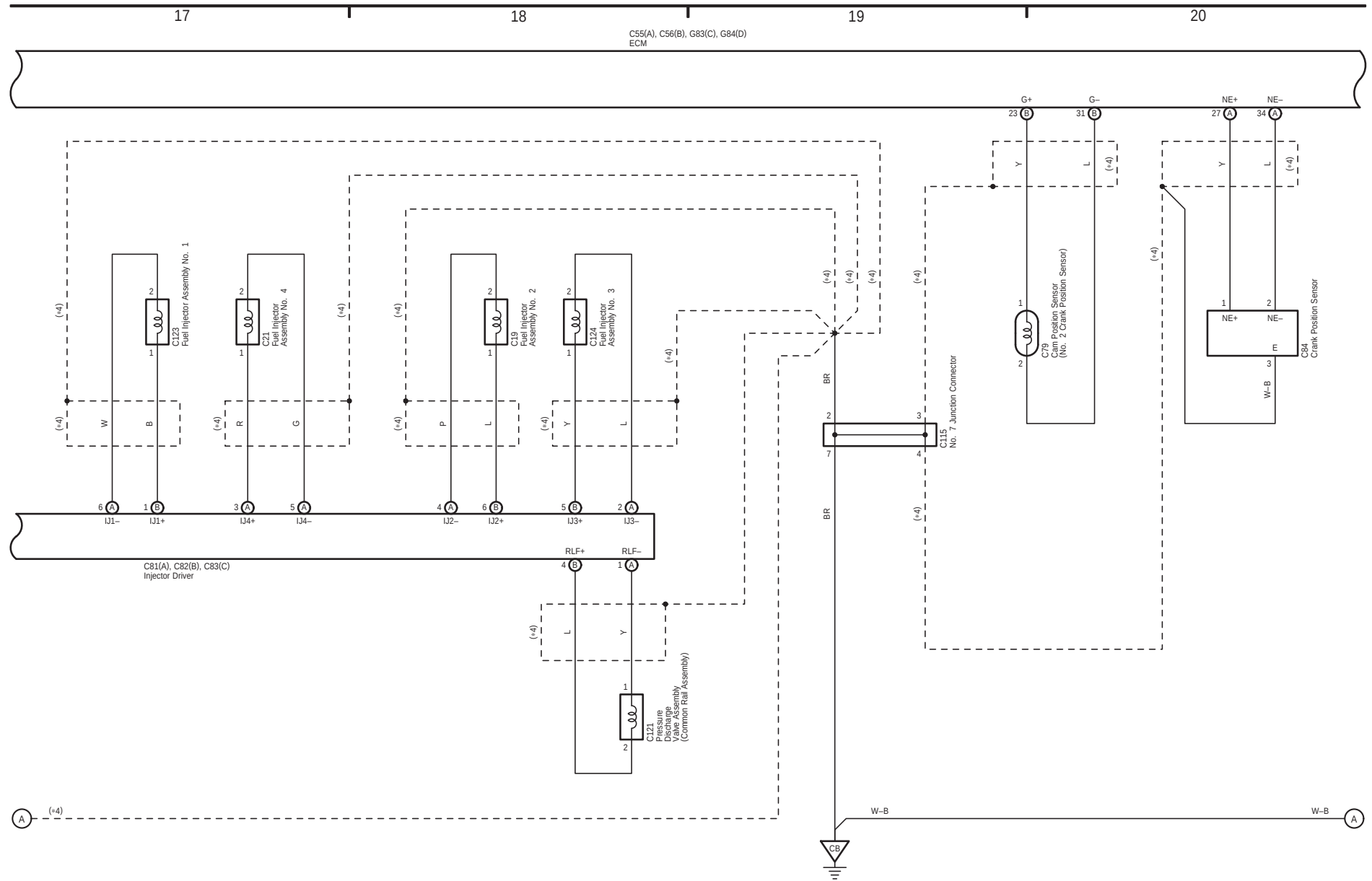
Engine Control (1KD-FTV, 2KD-FTV)

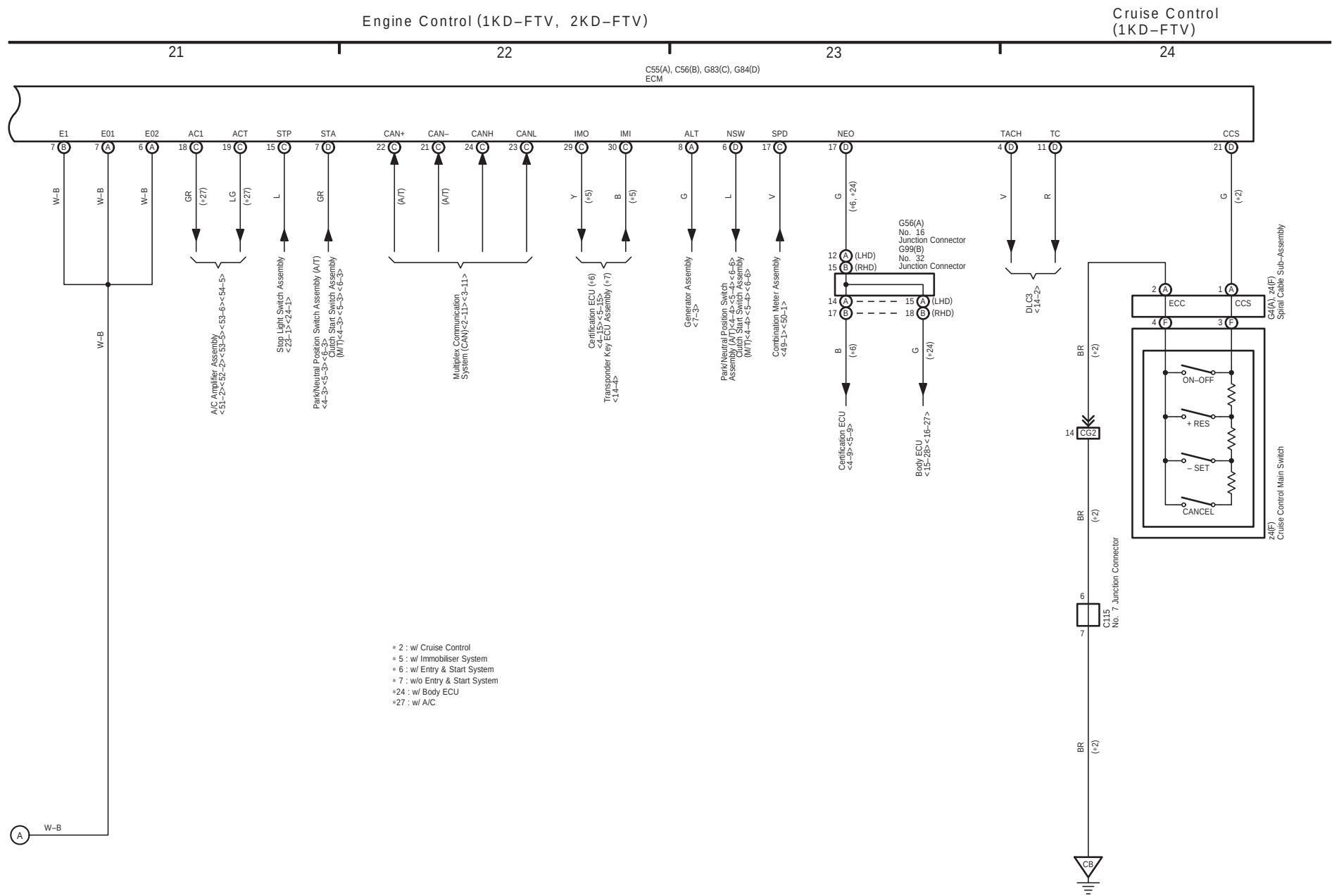




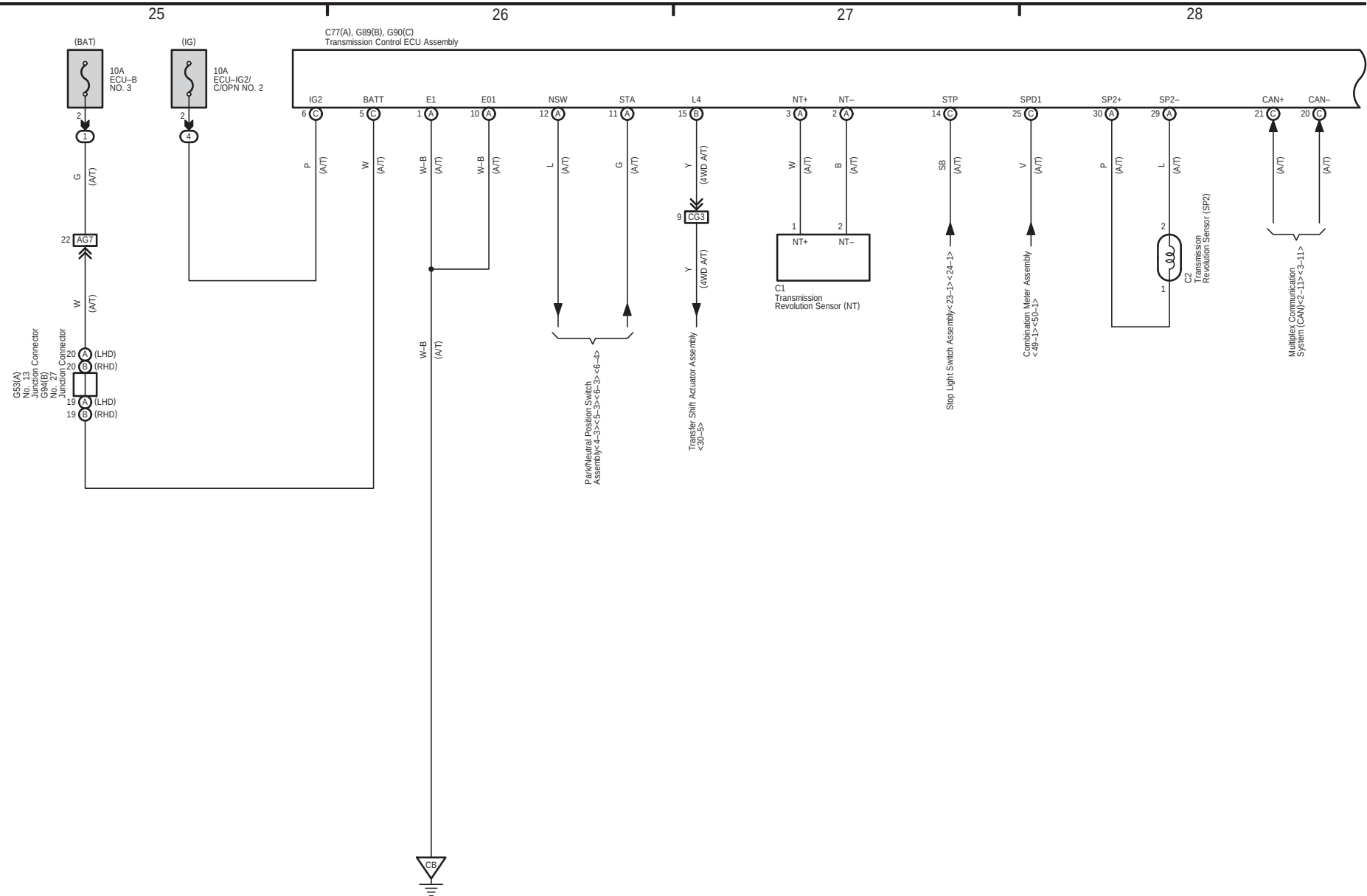
Engine Control (1KD-FTV, 2KD-FTV)

* 4 : Shielded

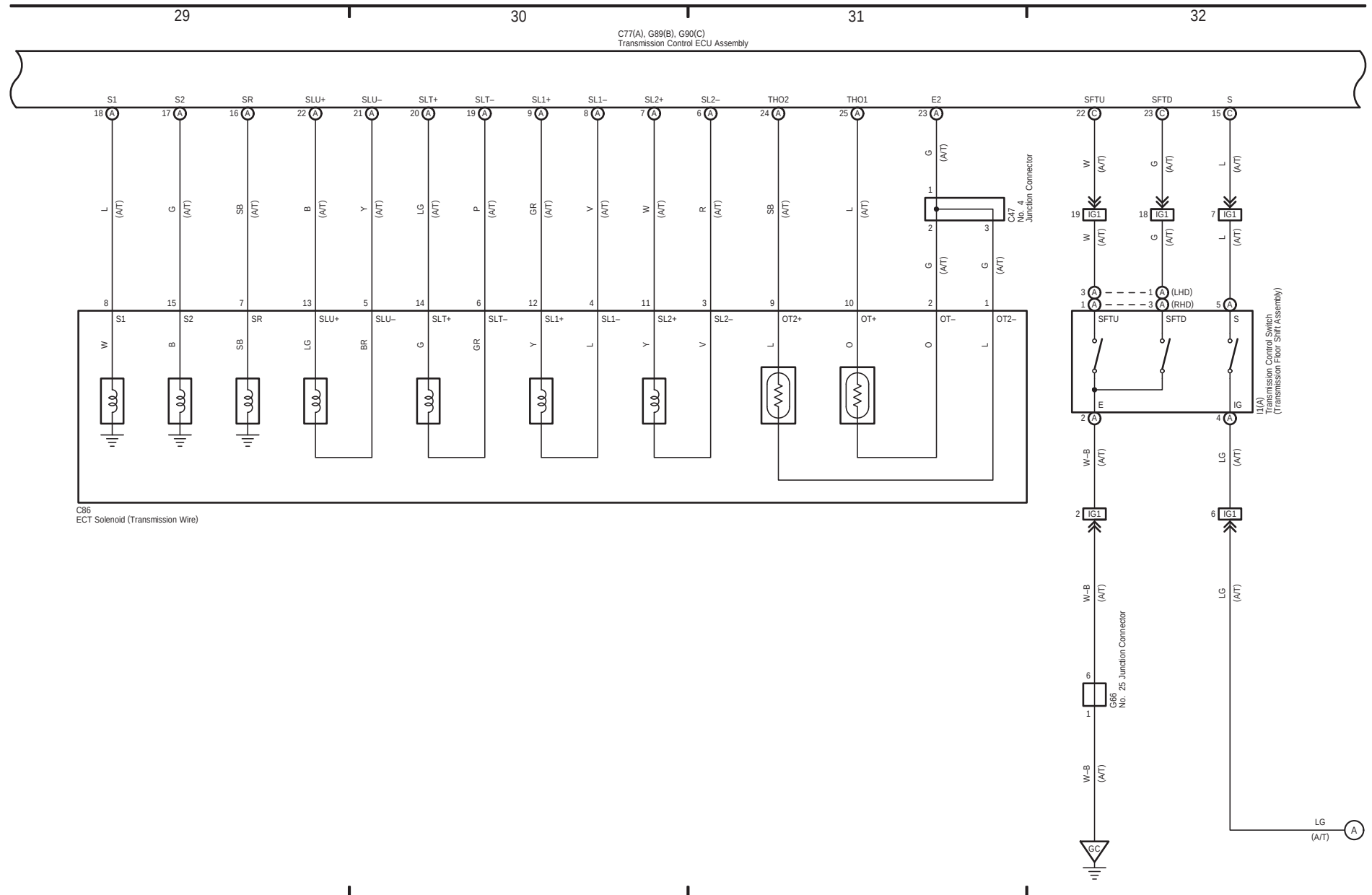




ECT and A/T Indicator (1KD-FTV)



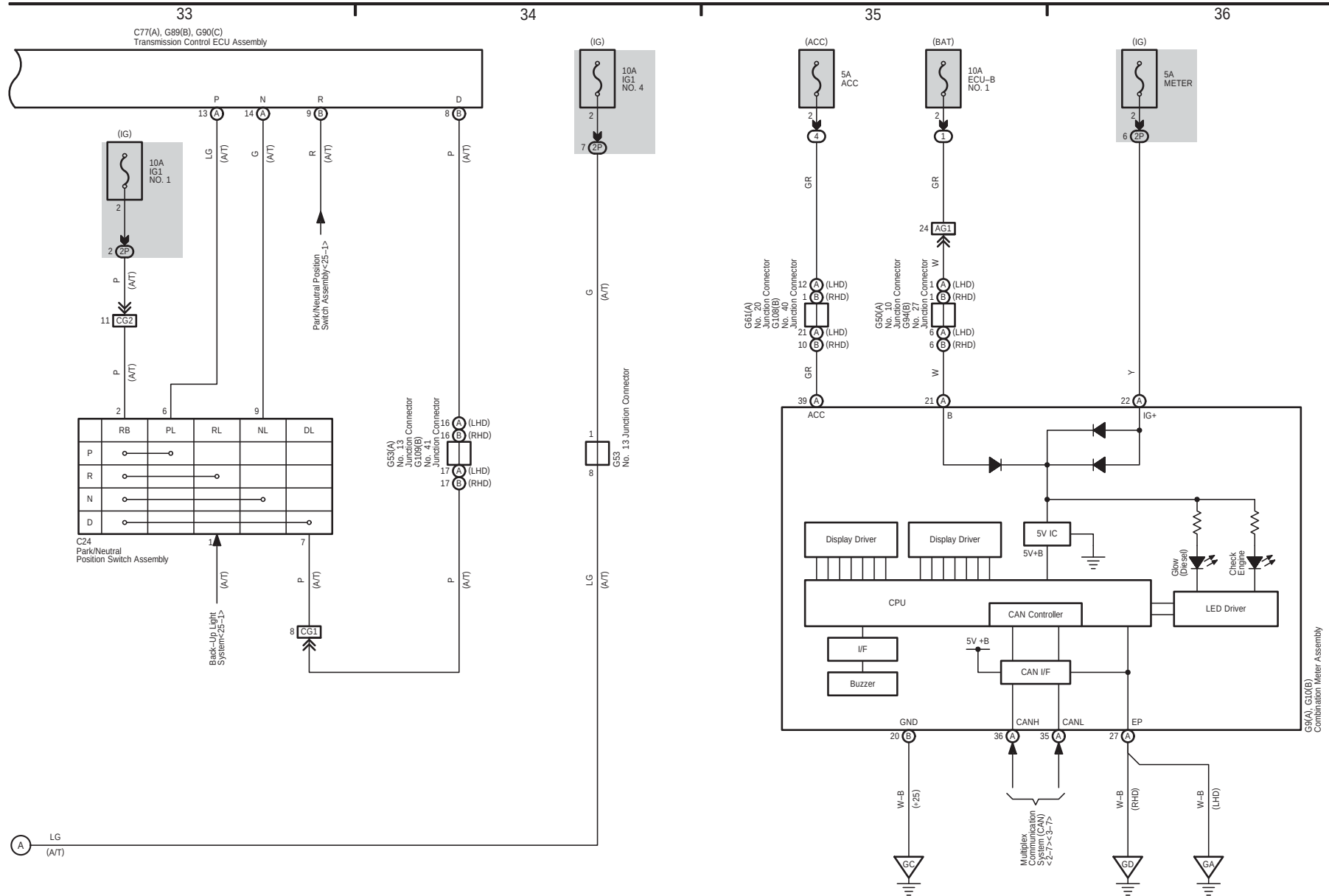
ECT and A/T Indicator (1KD-FTV)

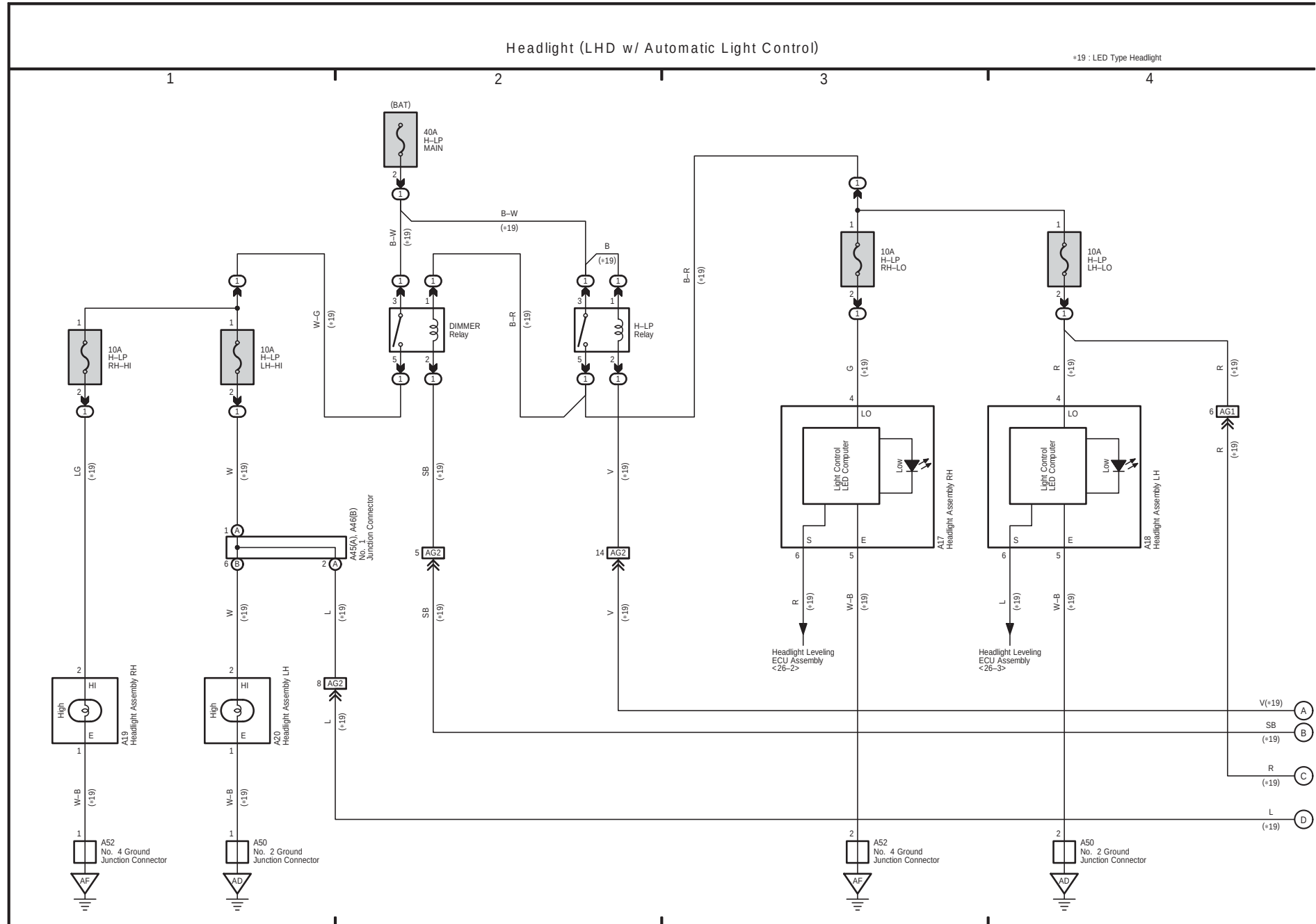


13 HILUX (Cont' d)

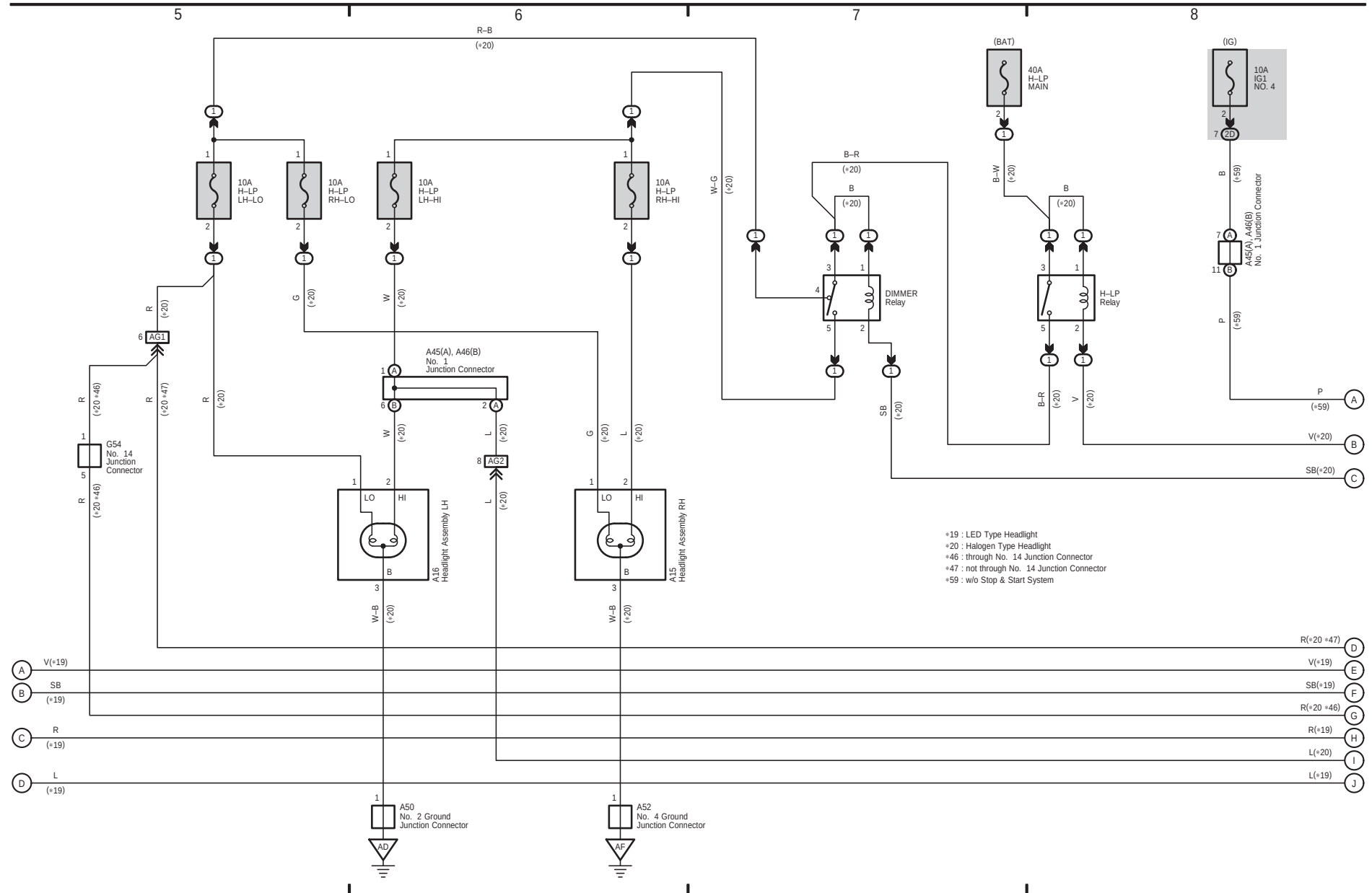
ECT and A/T Indicator (1KD–FTV)

*25 : w/ TFT Display

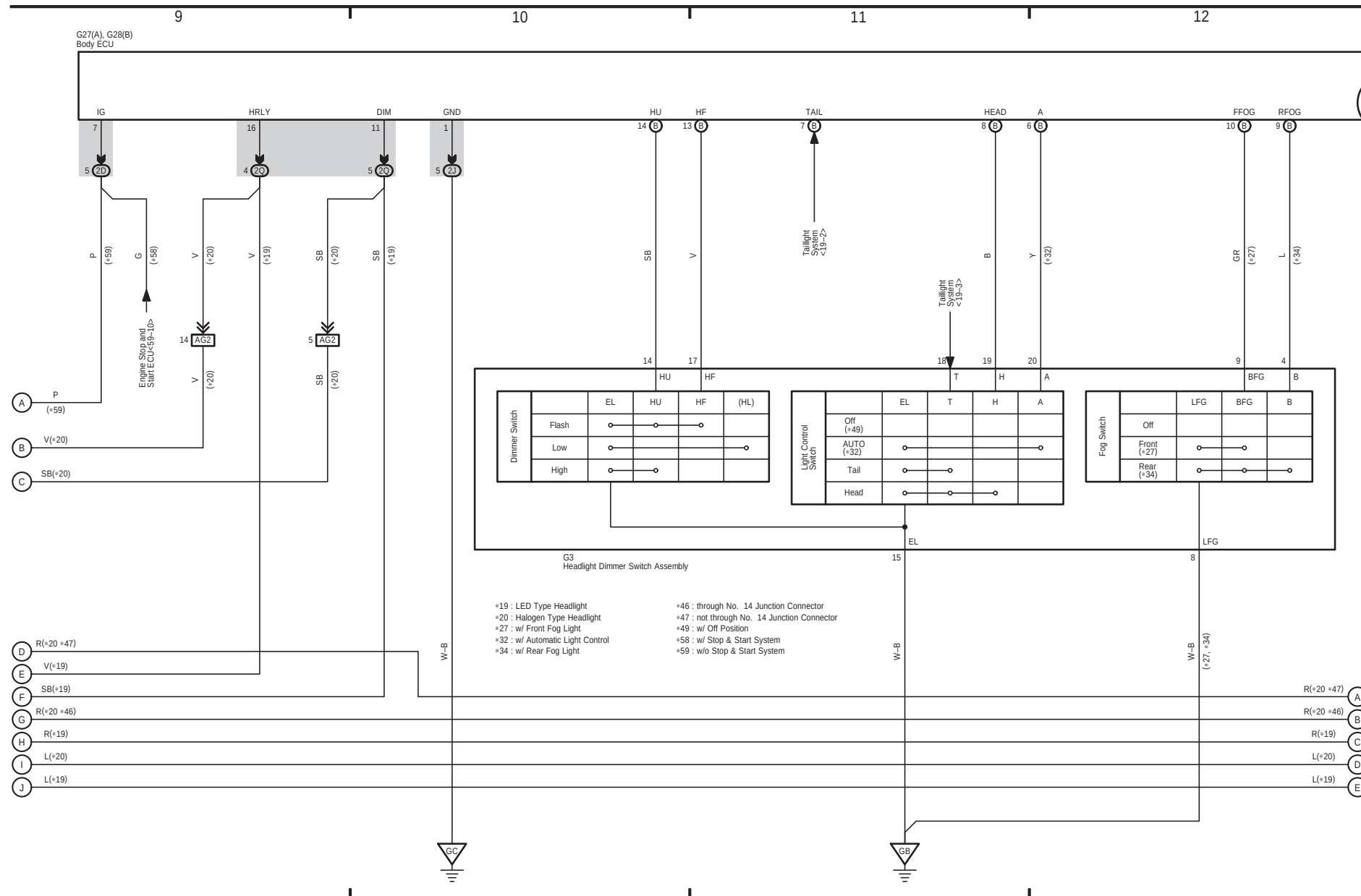


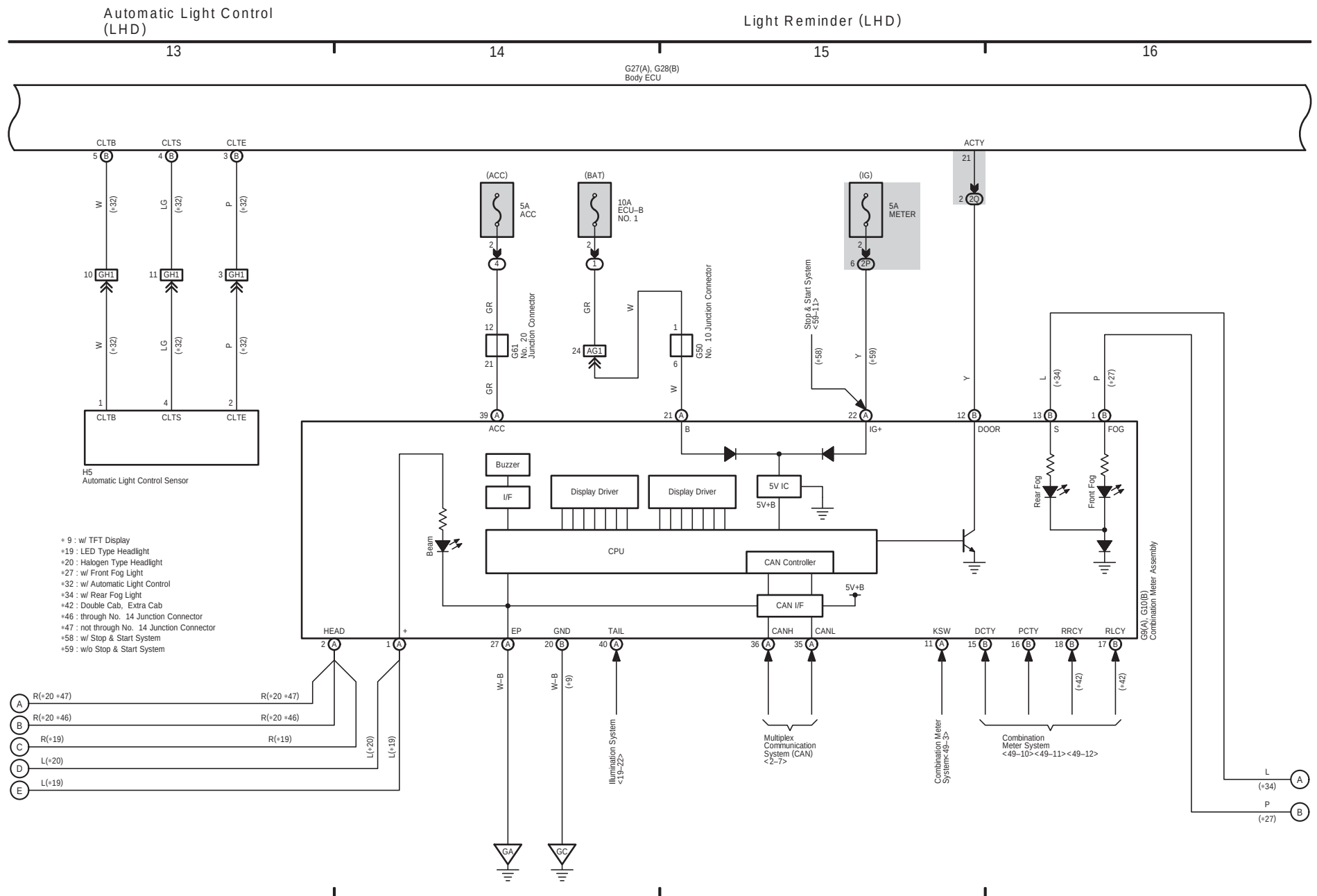


Headlight (LHD w/ Automatic Light Control)



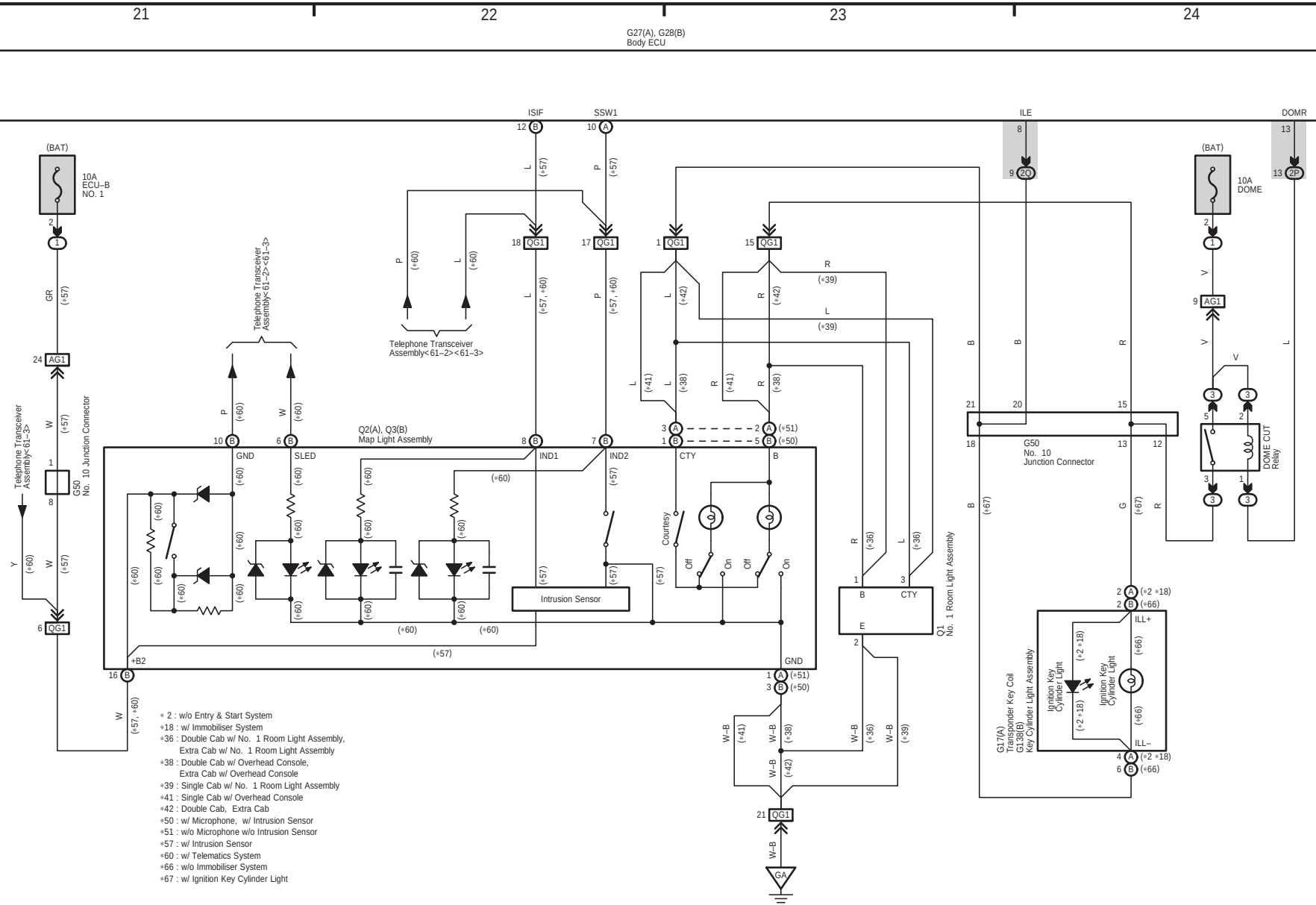
Headlight (LHD w/ Automatic Light Control)



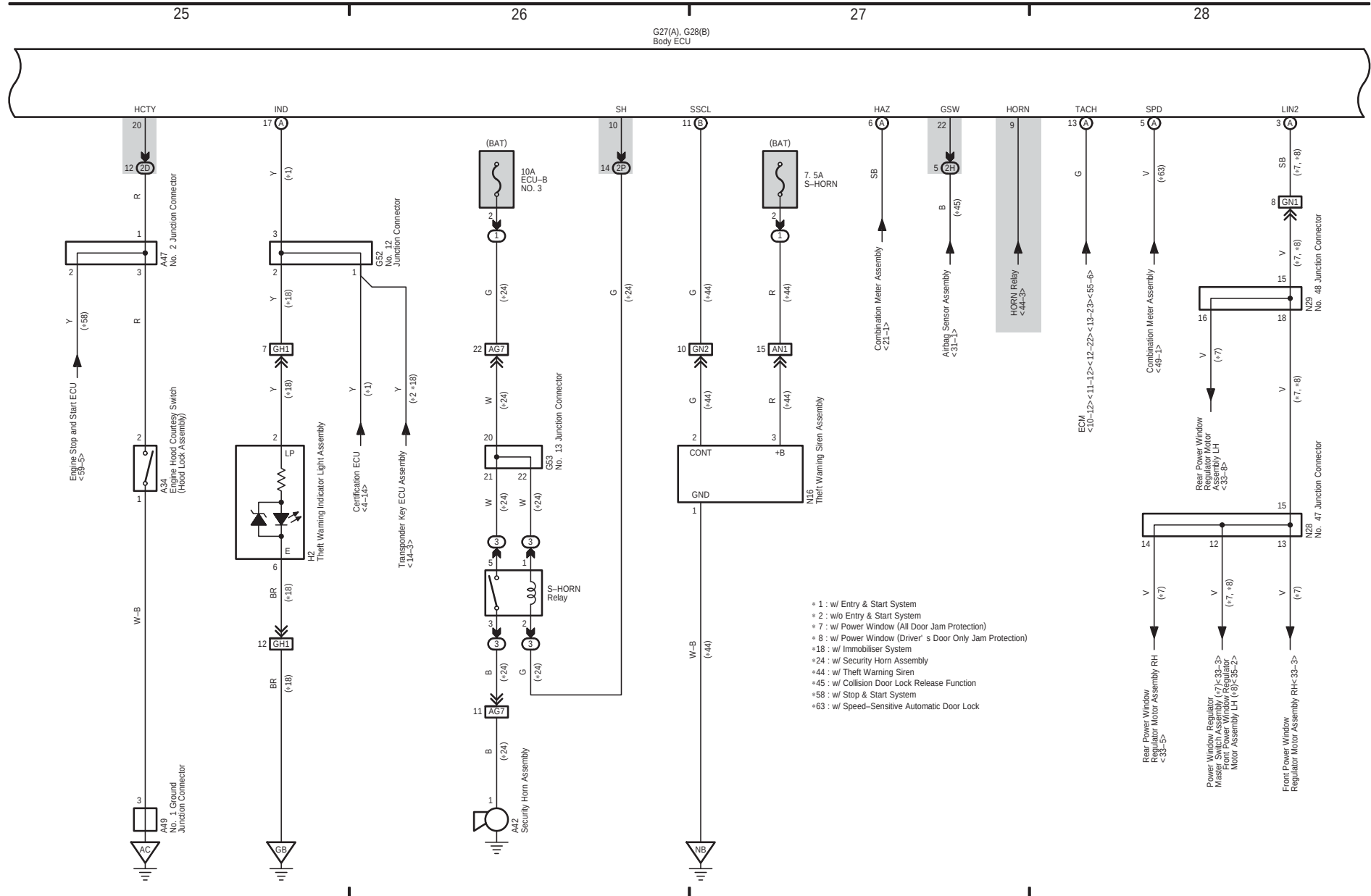




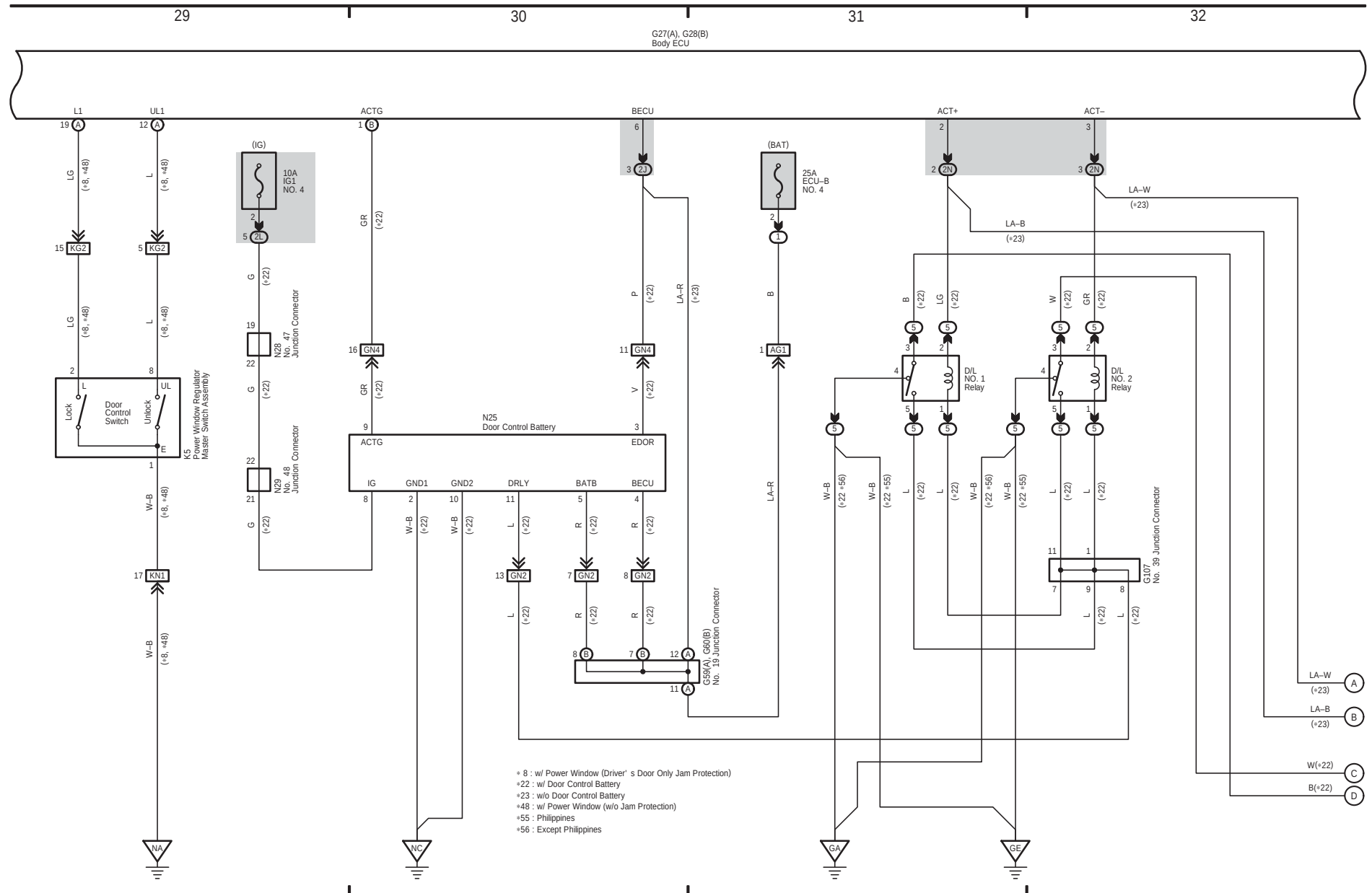
Interior Light (LHD w/ Body ECU)



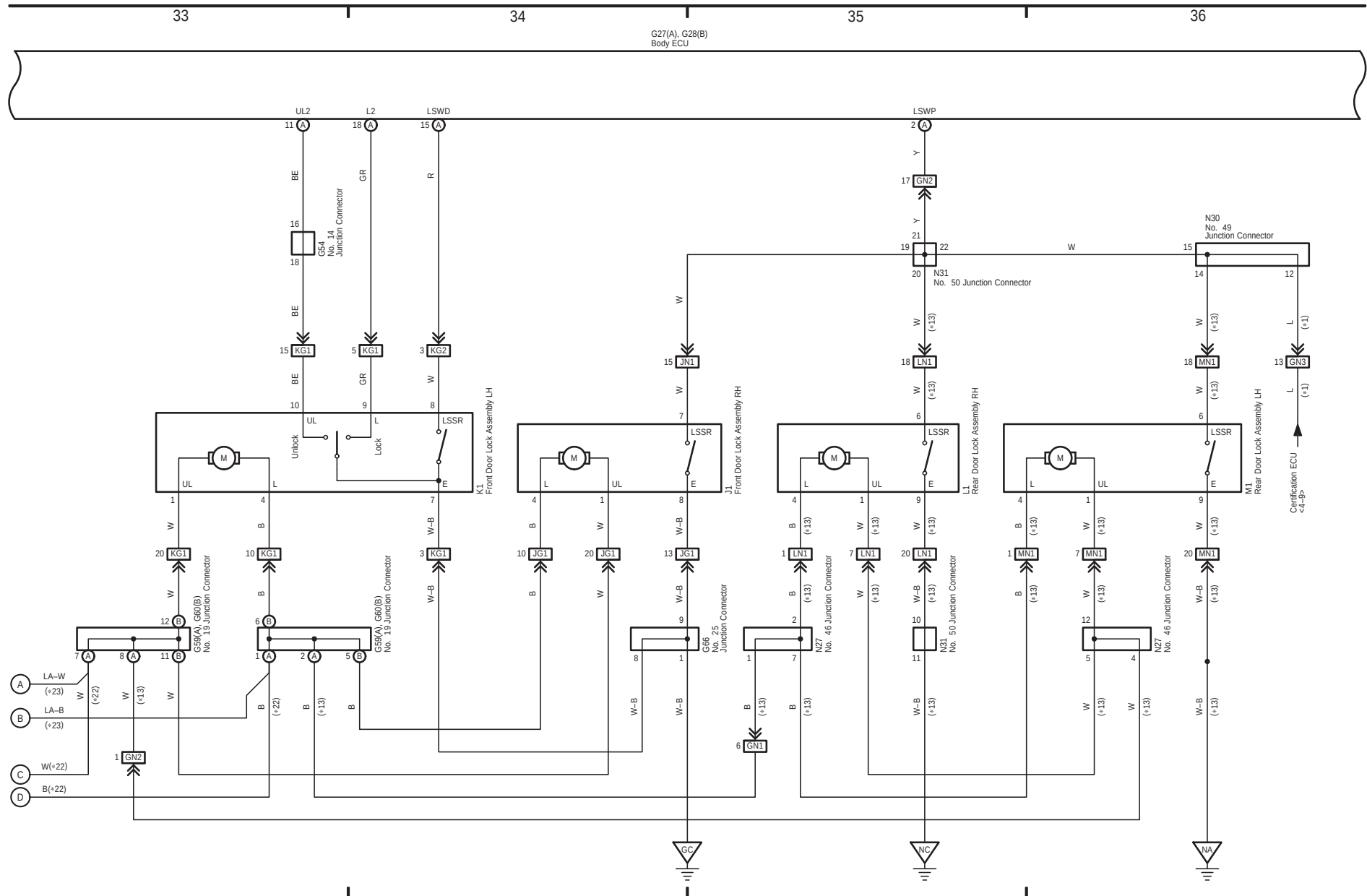
Theft Deterrent (LHD)



Door Lock Control (LHD)

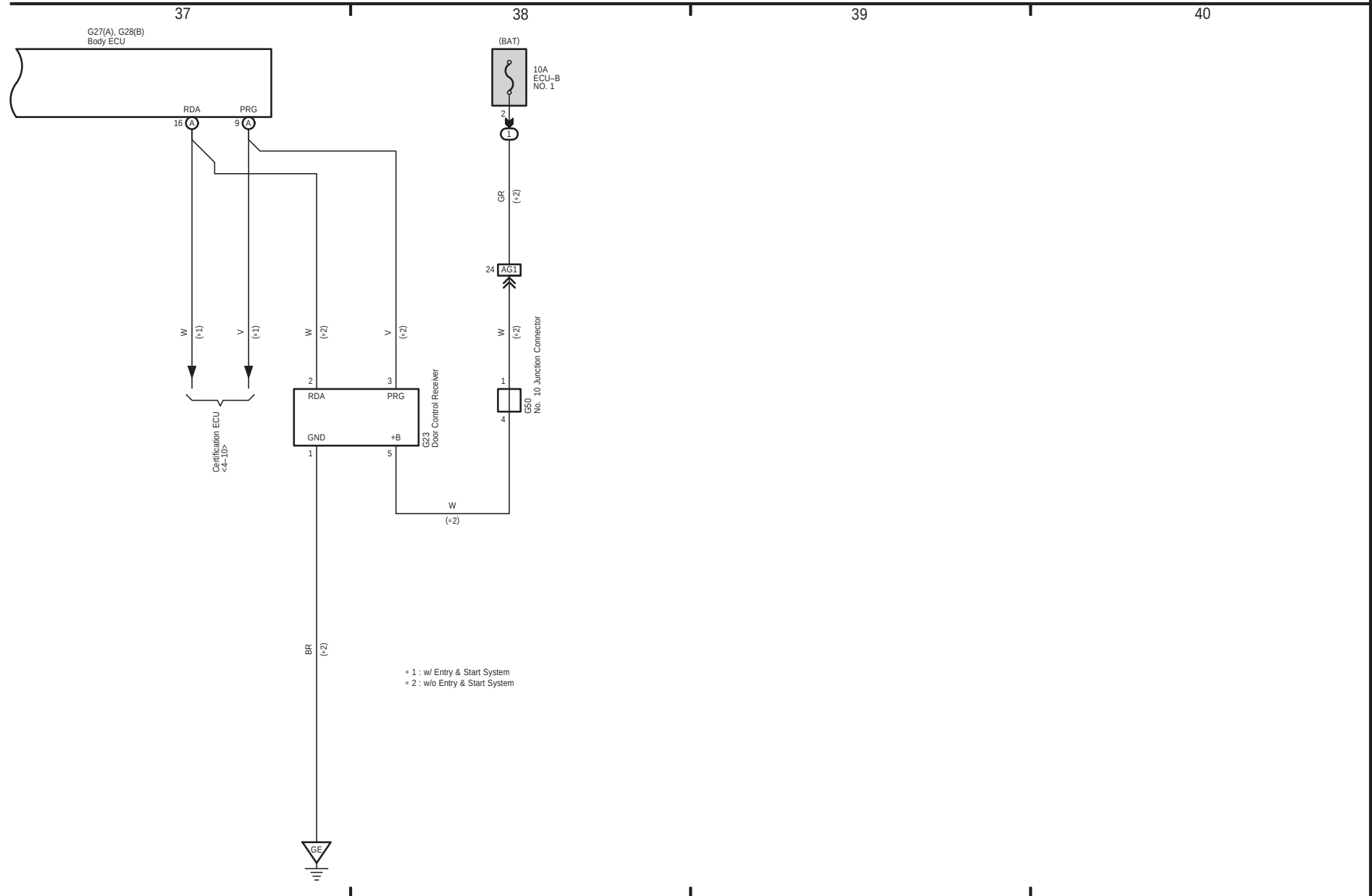


- * 1 : w/ Entry & Start System
- * 13 : Double Cab
- * 22 : w/ Door Control Battery
- * 23 : w/o Door Control Battery



15 HILUX (Cont' d)

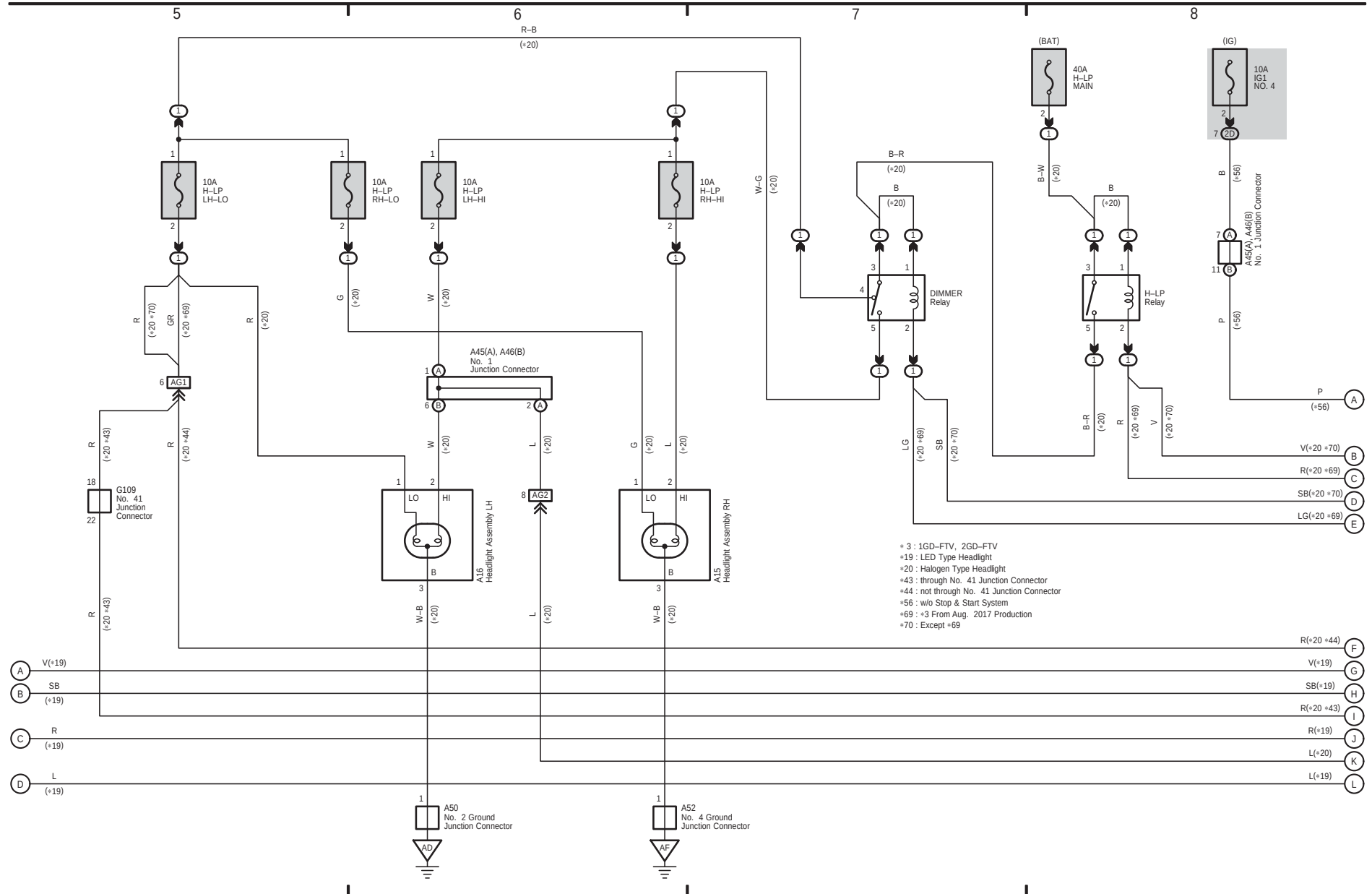
Wireless Door Lock Control (LHD w/o Entry & Start System)



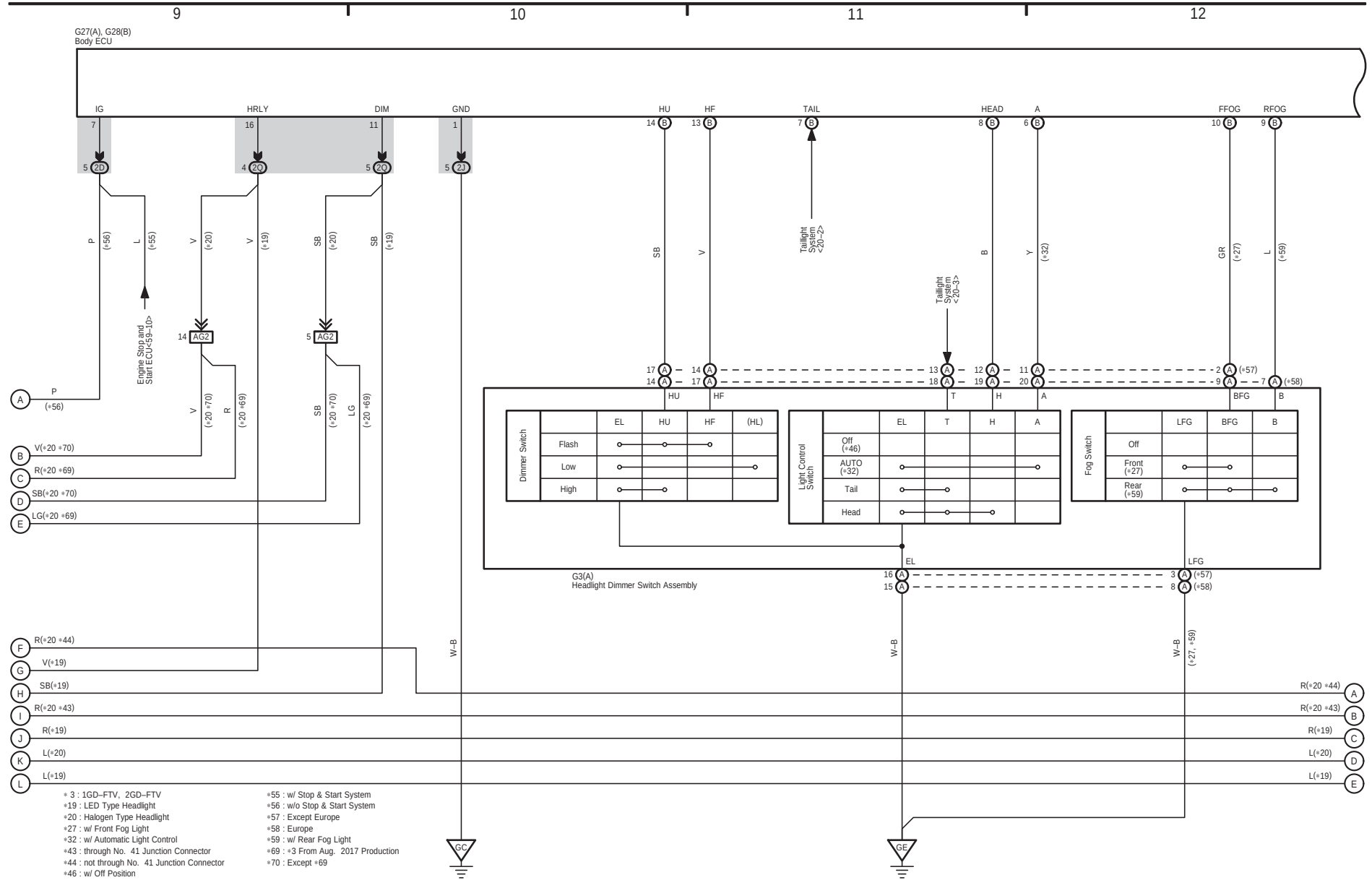
- * 3 : 1GD-FTV, 2GD-FTV
- *19 : LED Type Headlight
- *69 : *3 From Aug. 2017 Production
- *70 : Except *69

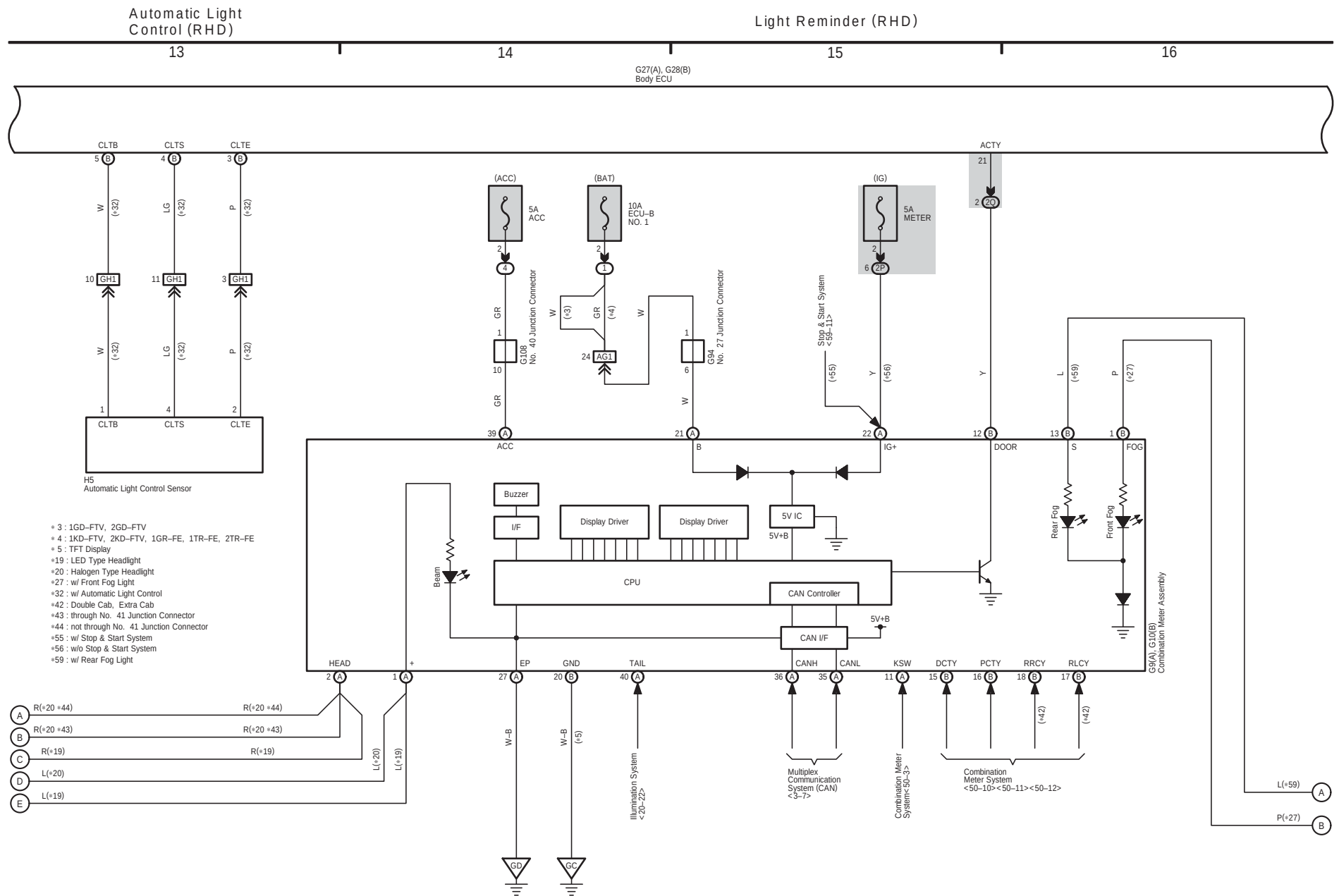


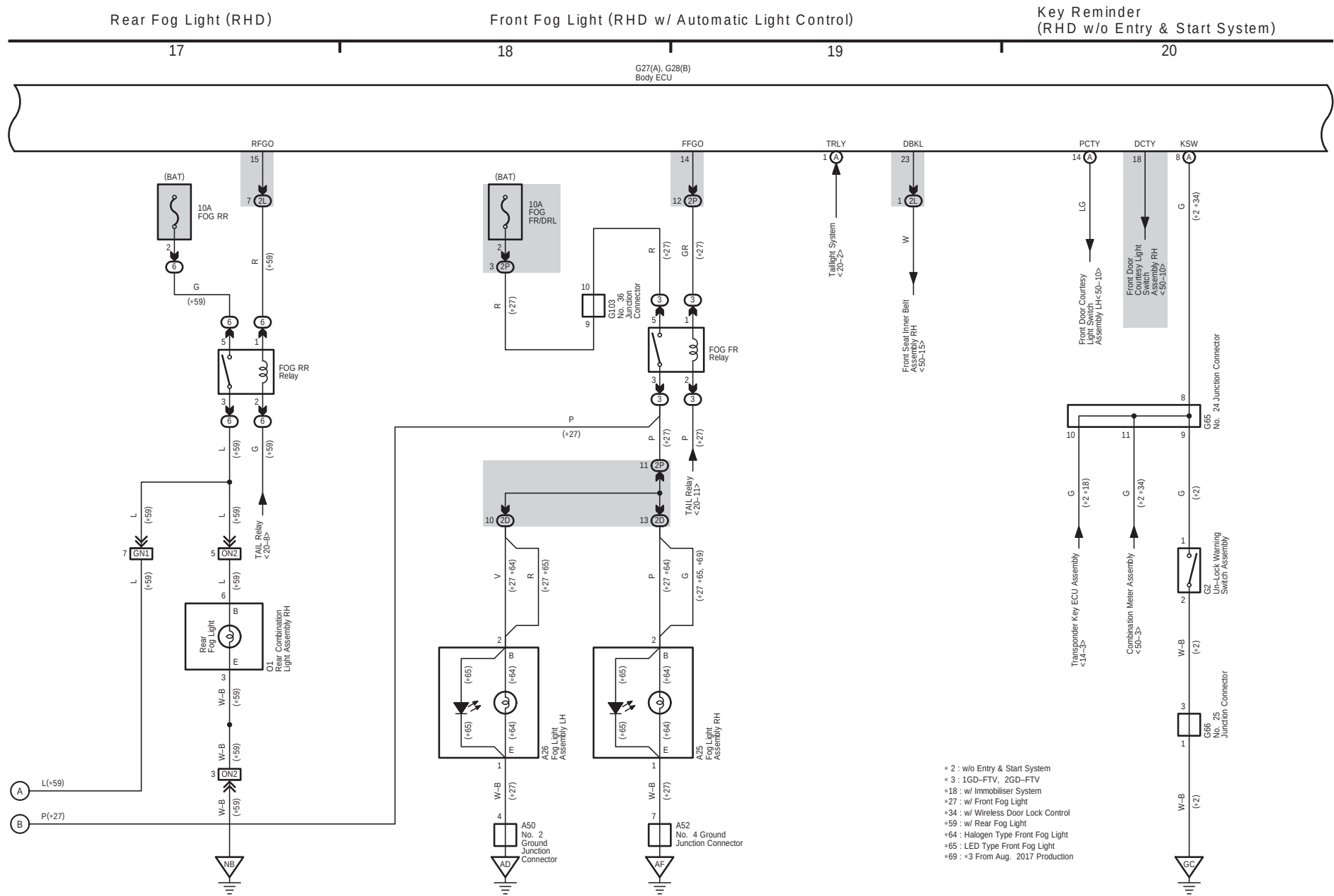
Headlight (RHD w/ Automatic Light Control)



Headlight (RHD w/ Automatic Light Control)

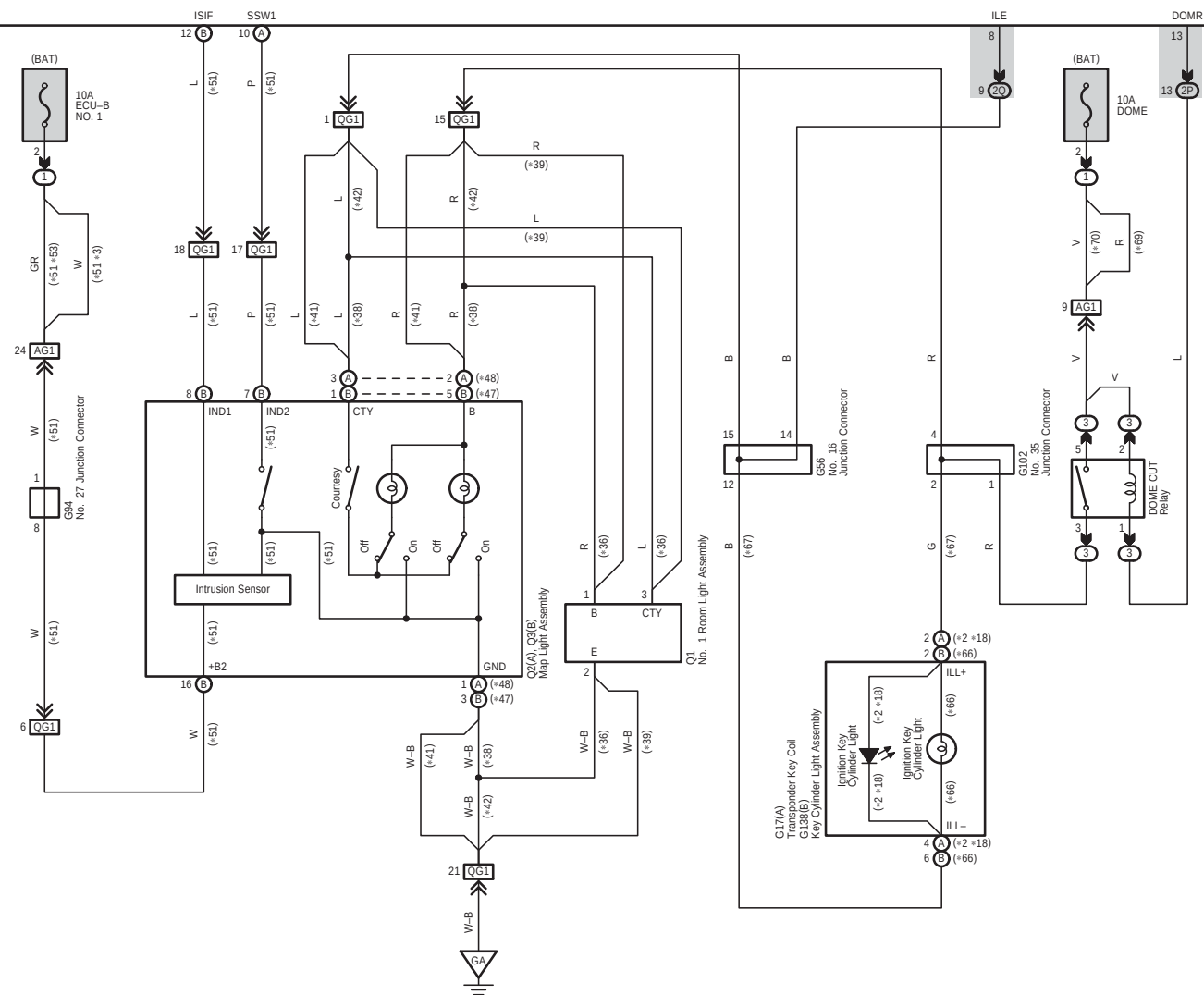




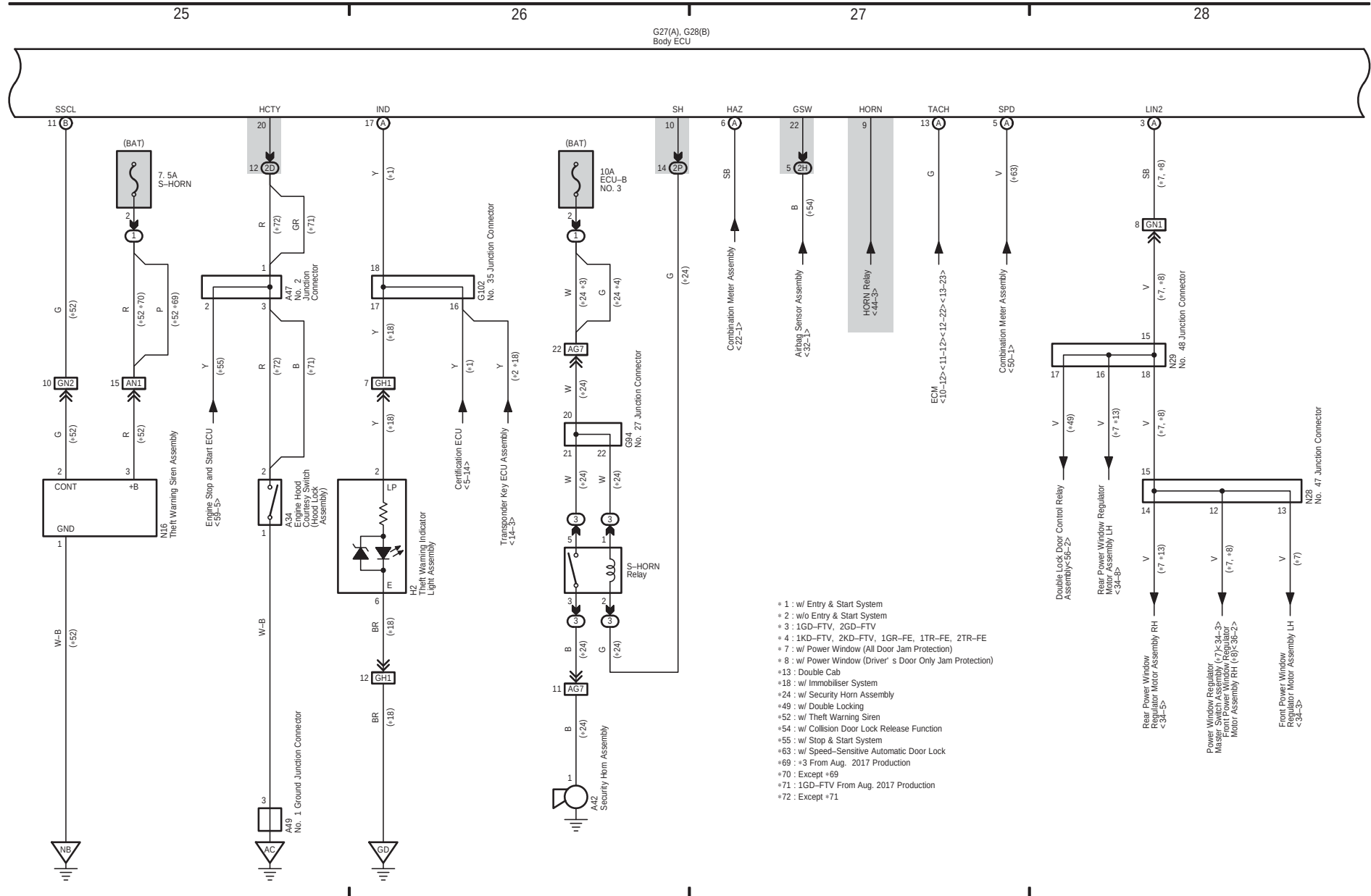


Interior Light (RHD w/ Body ECU)

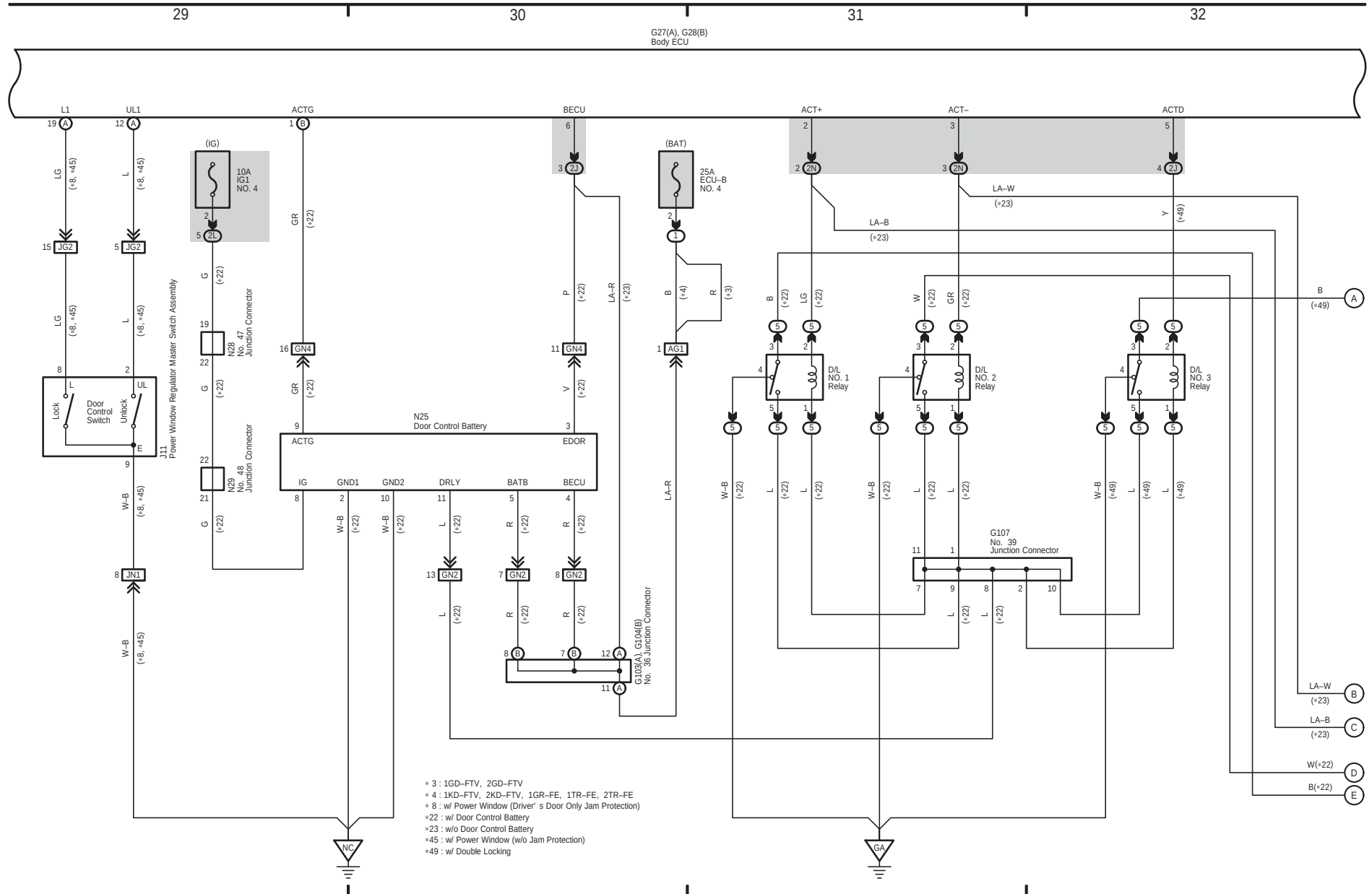
- * 2 : w/o Entry & Start System
- * 3 : 1GD-FTV, 2GD-FTV
- * 18 : w/ Immobiliser System
- * 36 : Double Cab w/ No. 1 Room Light Assembly,
Extra Cab w/ No. 1 Room Light Assembly
- * 38 : Double Cab w/ Overhead Console,
Extra Cab w/ Overhead Console
- * 39 : Single Cab w/ No. 1 Room Light Assembly
- * 41 : Single Cab w/ Overhead Console
- * 42 : Double Cab, Extra Cab
- * 47 : w/ Microphone, w/ Intrusion Sensor
- * 48 : w/o Microphone w/o Intrusion Sensor
- * 51 : w/ Intrusion Sensor
- * 53 : 1GR-FE, 1TR-FE, 2TR-FE, 1KD-FTV, 2KD-FTV
- * 66 : w/o Immobiliser System
- * 67 : w/ Ignition Key Cylinder Light
- * 69 : *3 From Aug. 2017 Production
- * 70 : Except *69



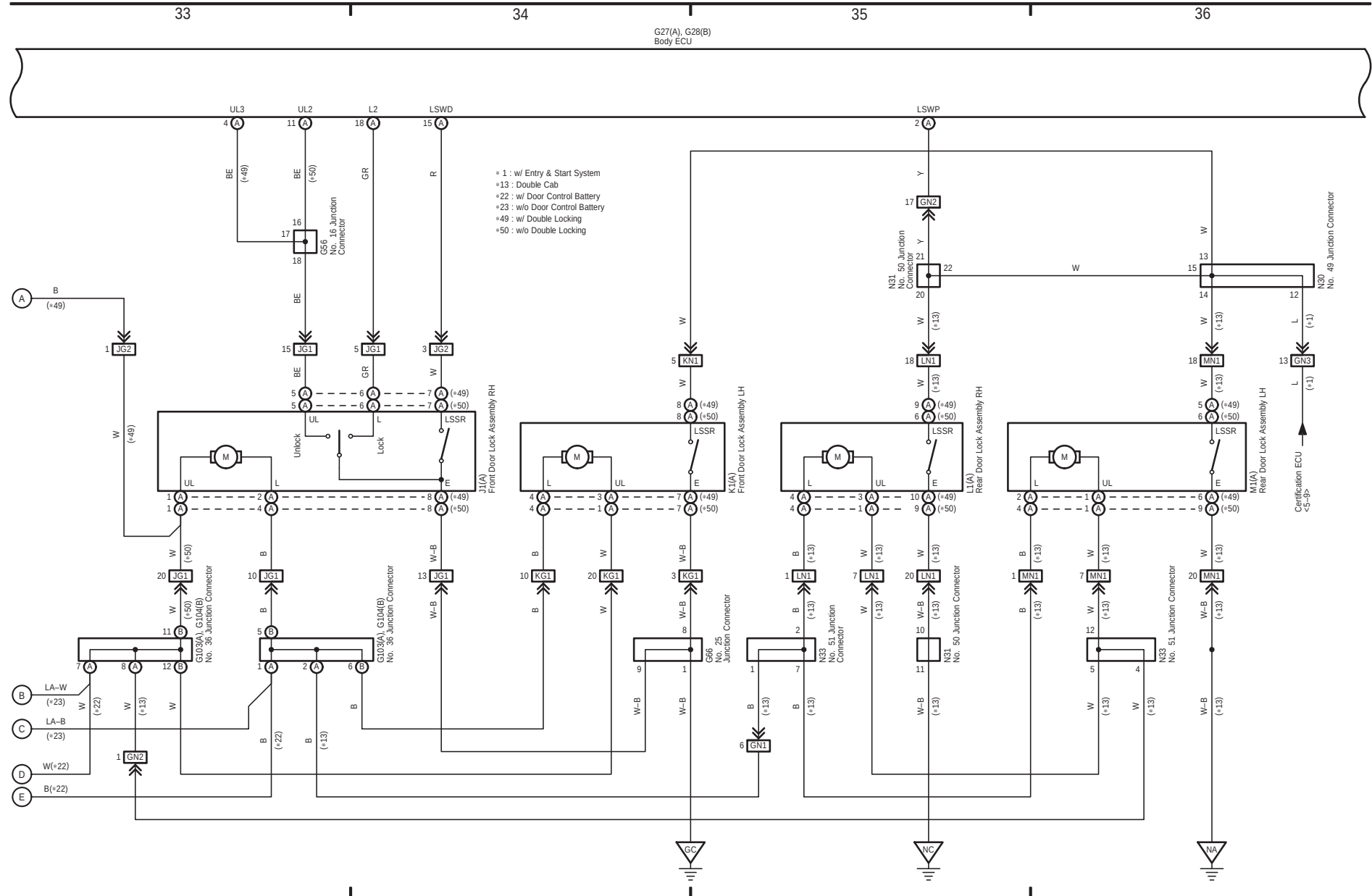
Theft Deterrent (RHD)



Door Lock Control (RHD)

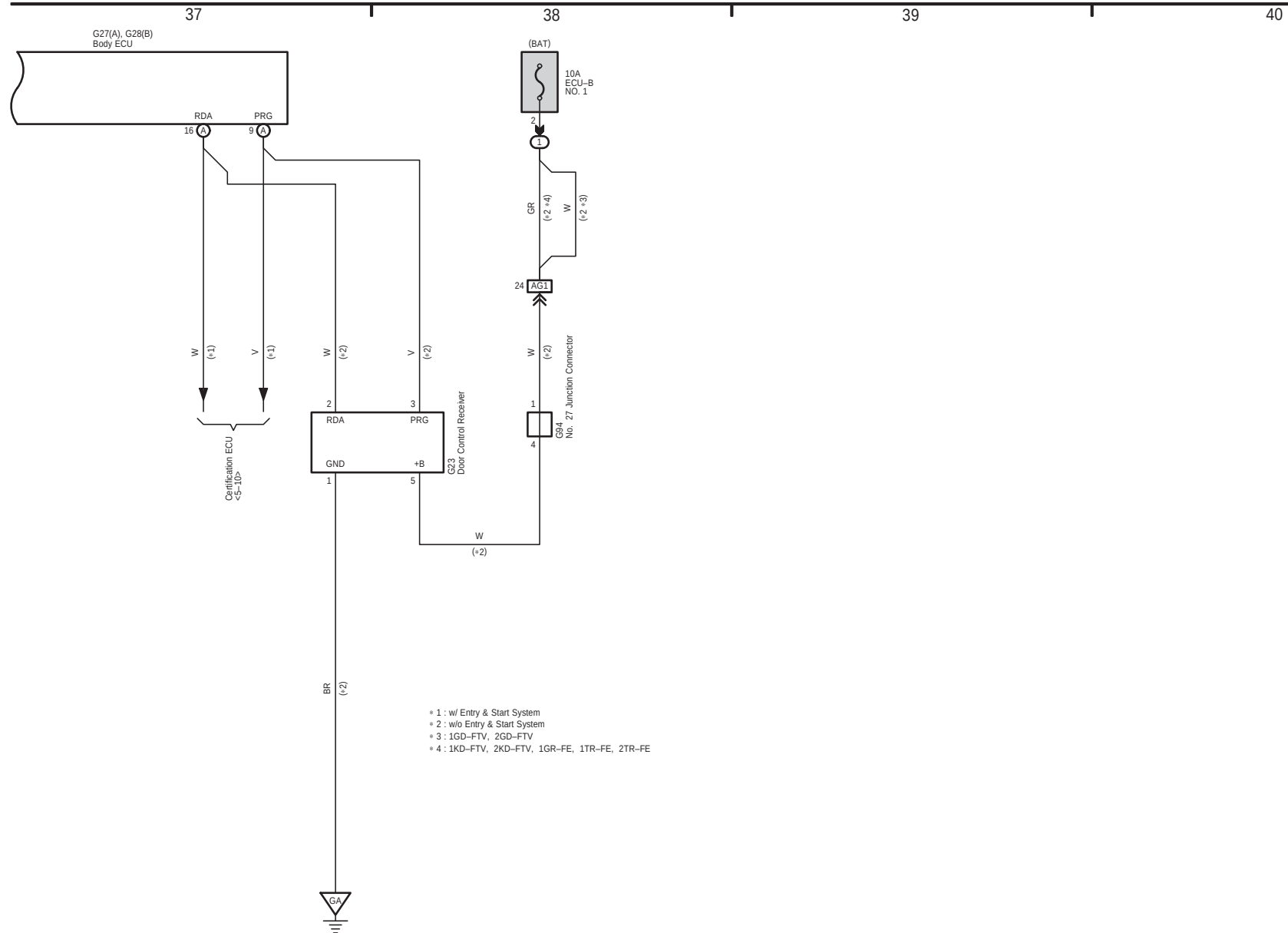


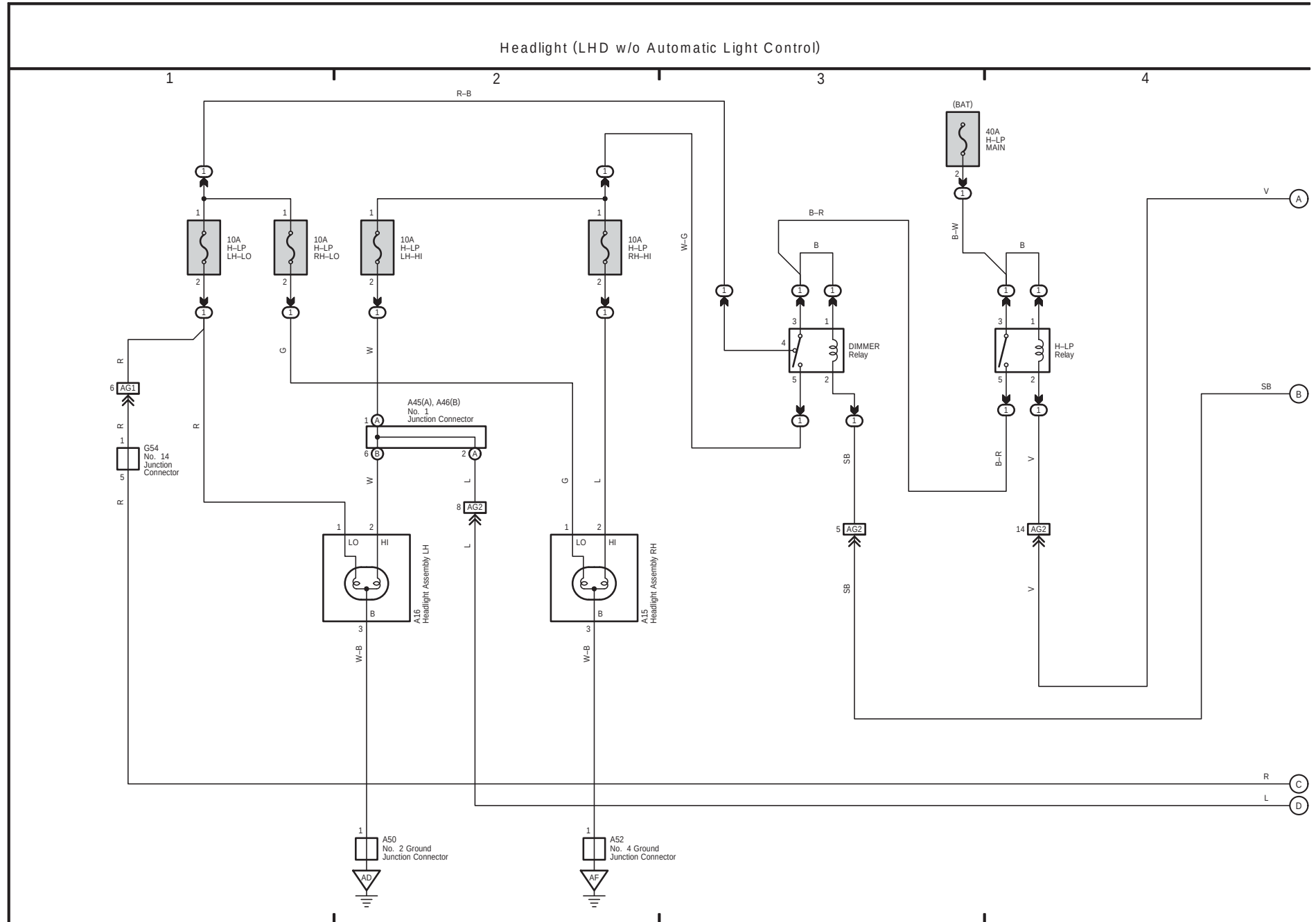
Door Lock Control (RHD)

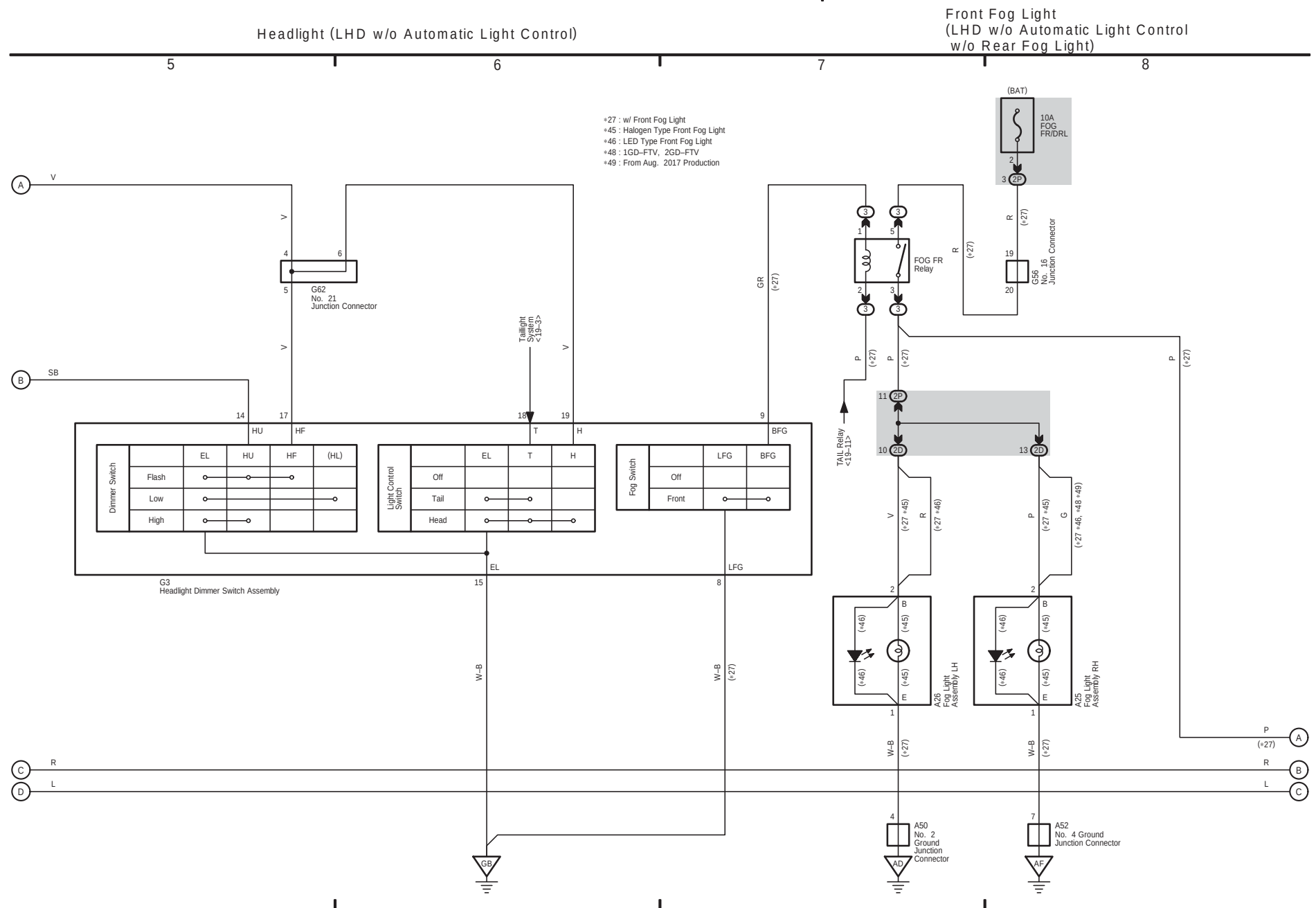


16 HILUX (Cont' d)

Wireless Door Lock Control (RHD w/o Entry & Start System)





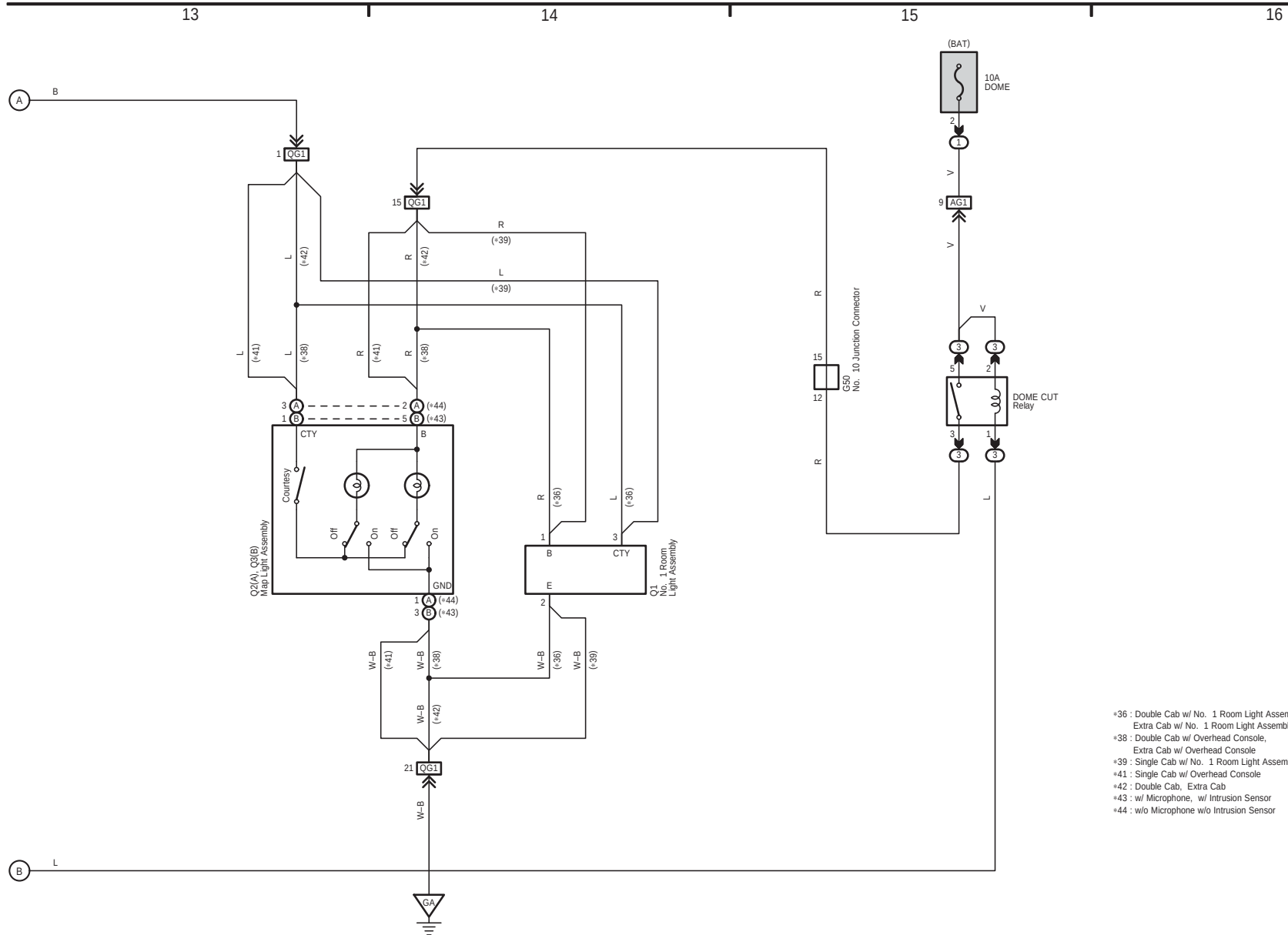


Interior Light (LHD w/o Body ECU)



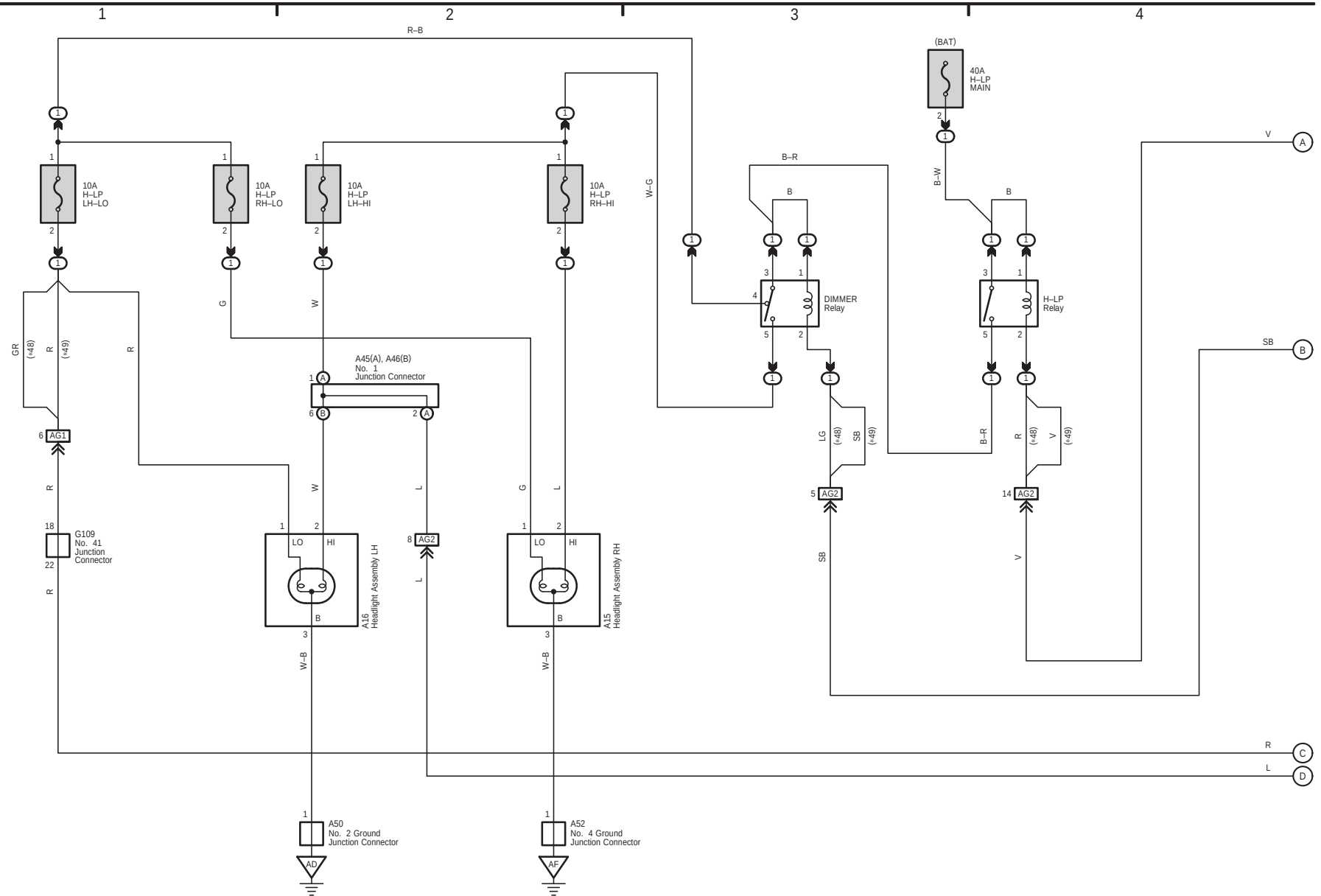
17 HILUX (Cont' d)

Interior Light (LHD w/o Body ECU)



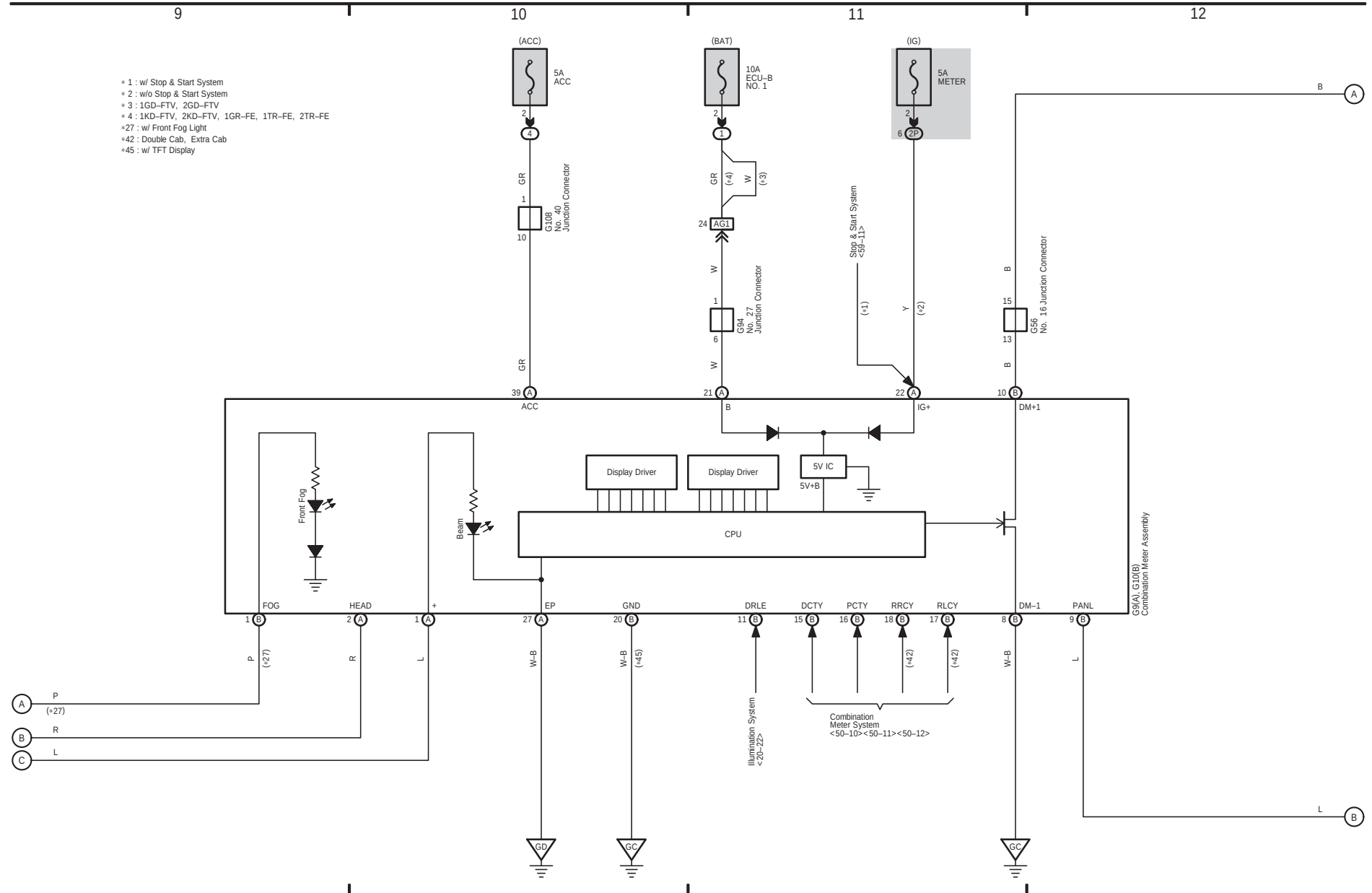
Headlight (RHD w/o Automatic Light Control)

* 3 : 1GD-FTV, 2GD-FTV
 *48 : *3 From Aug. 2017 Production
 *49 : Except *48



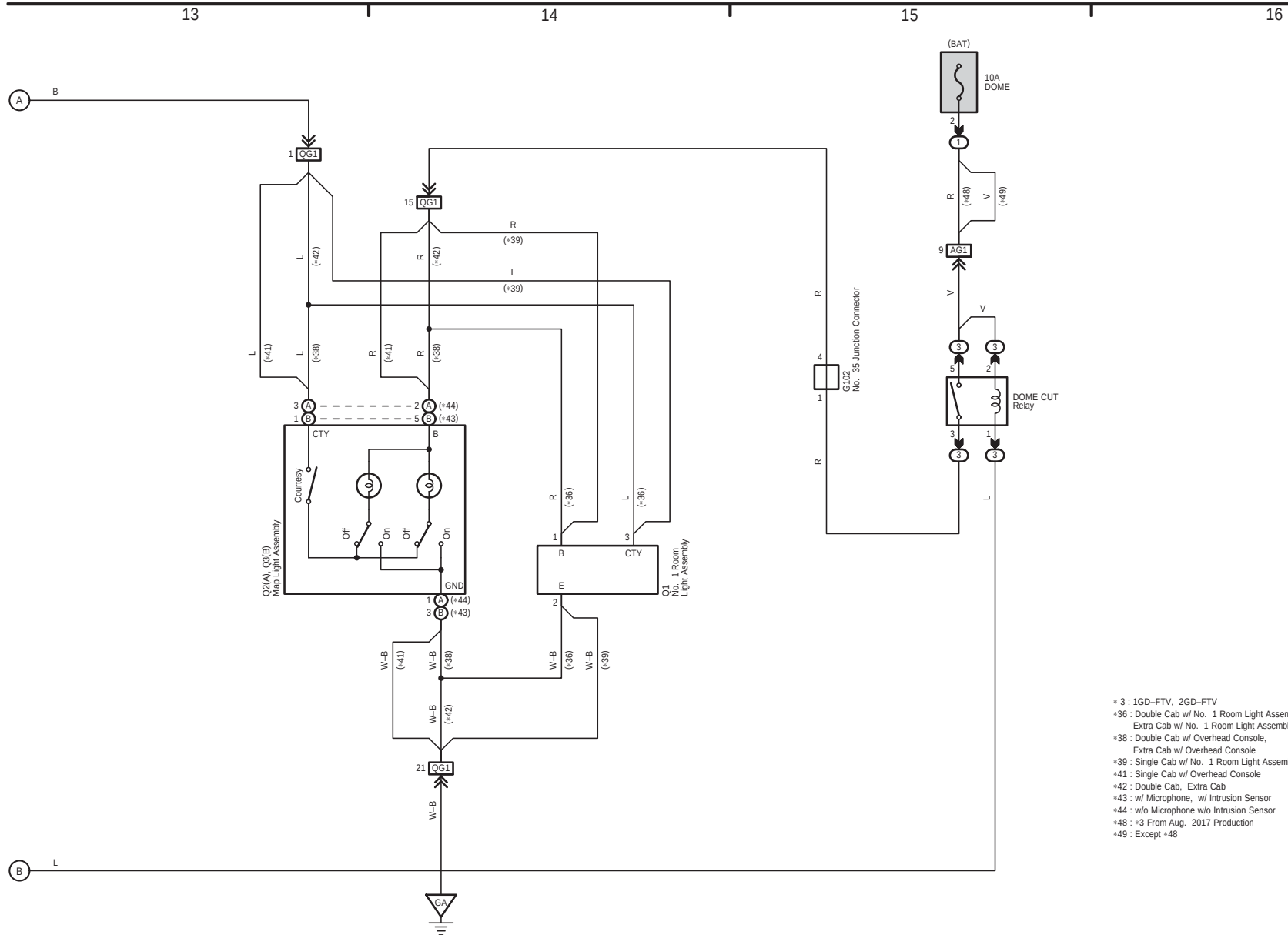


Interior Light (RHD w/o Body ECU)

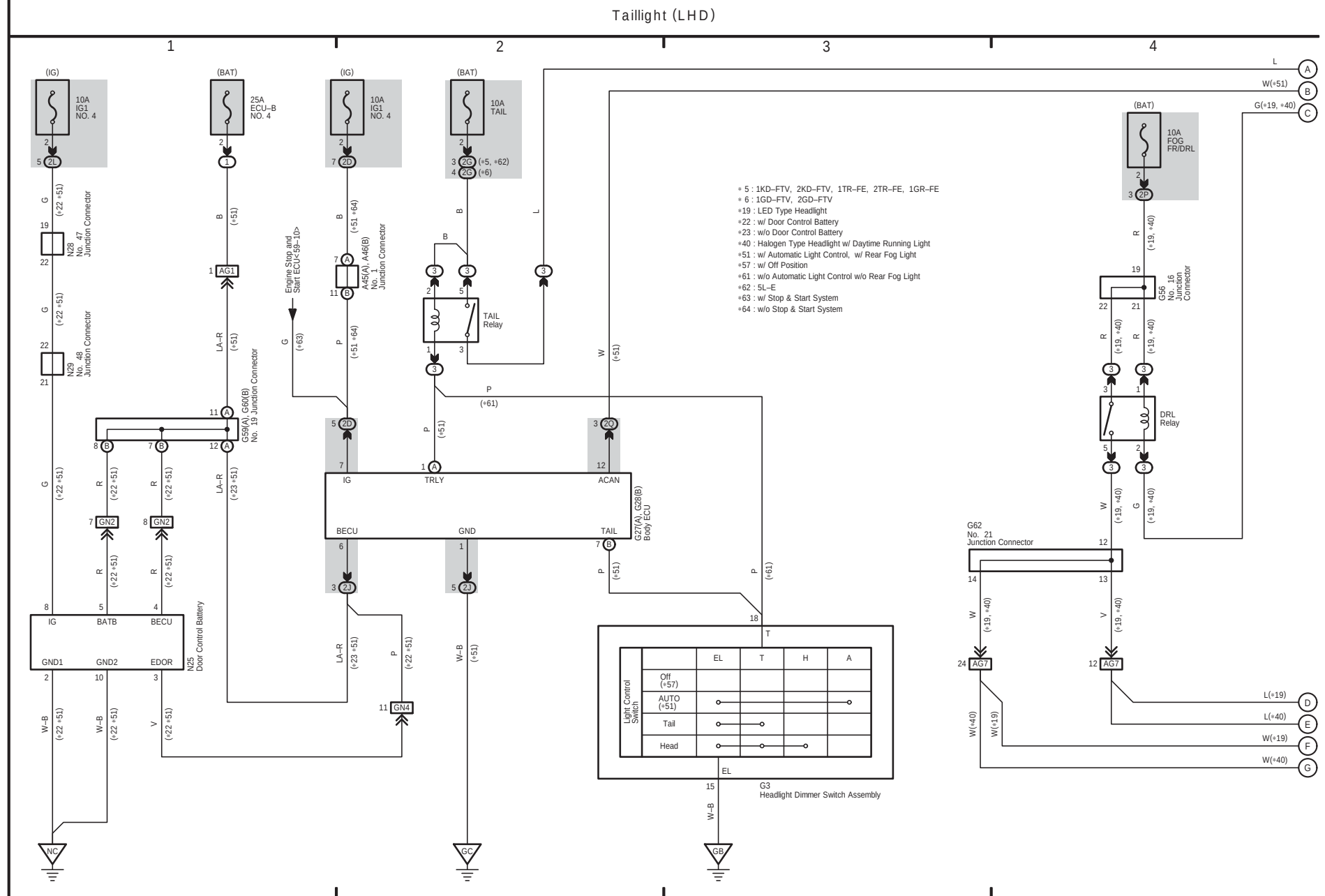


18 HILUX (Cont' d)

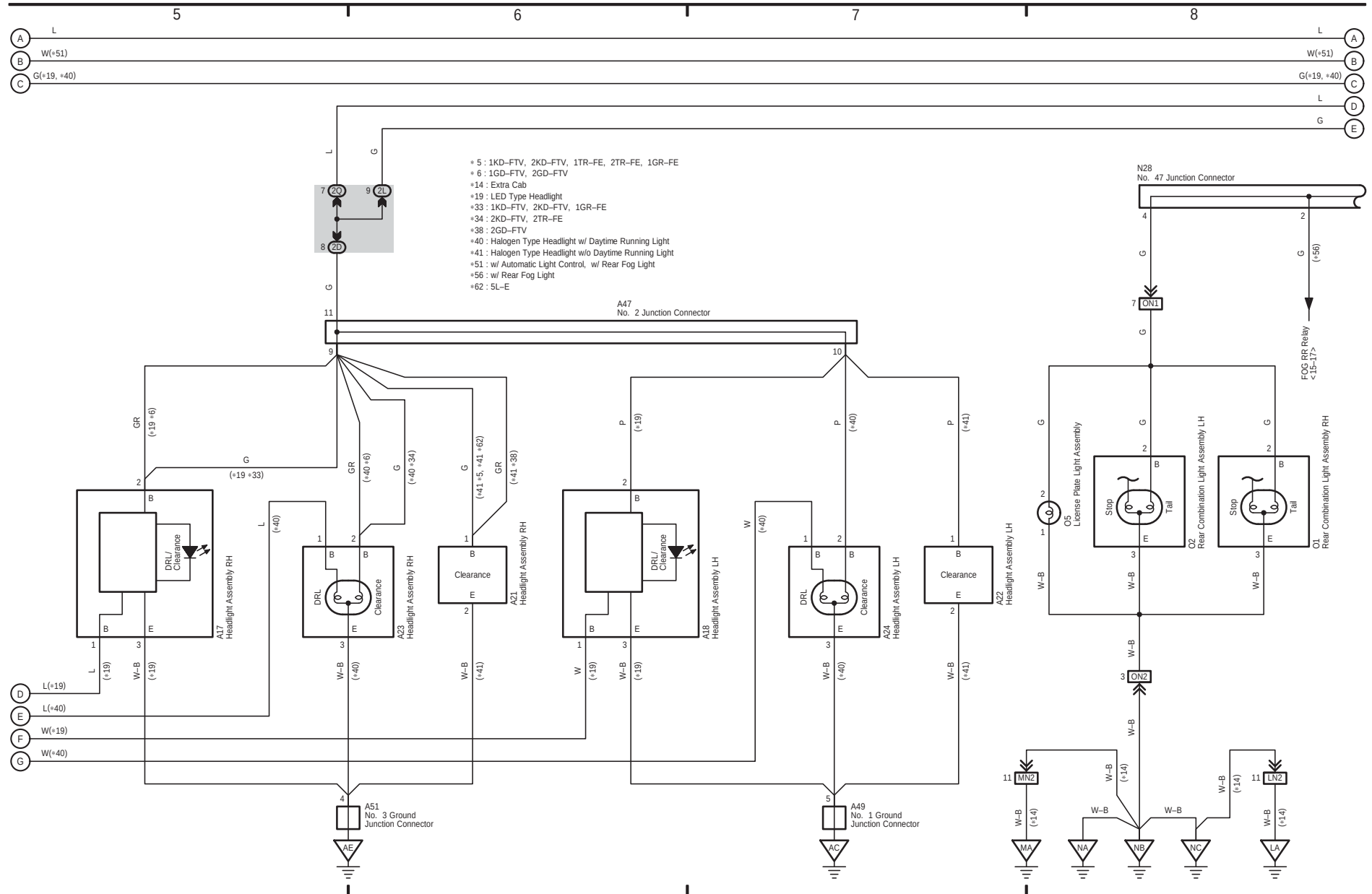
Interior Light (RHD w/o Body ECU)



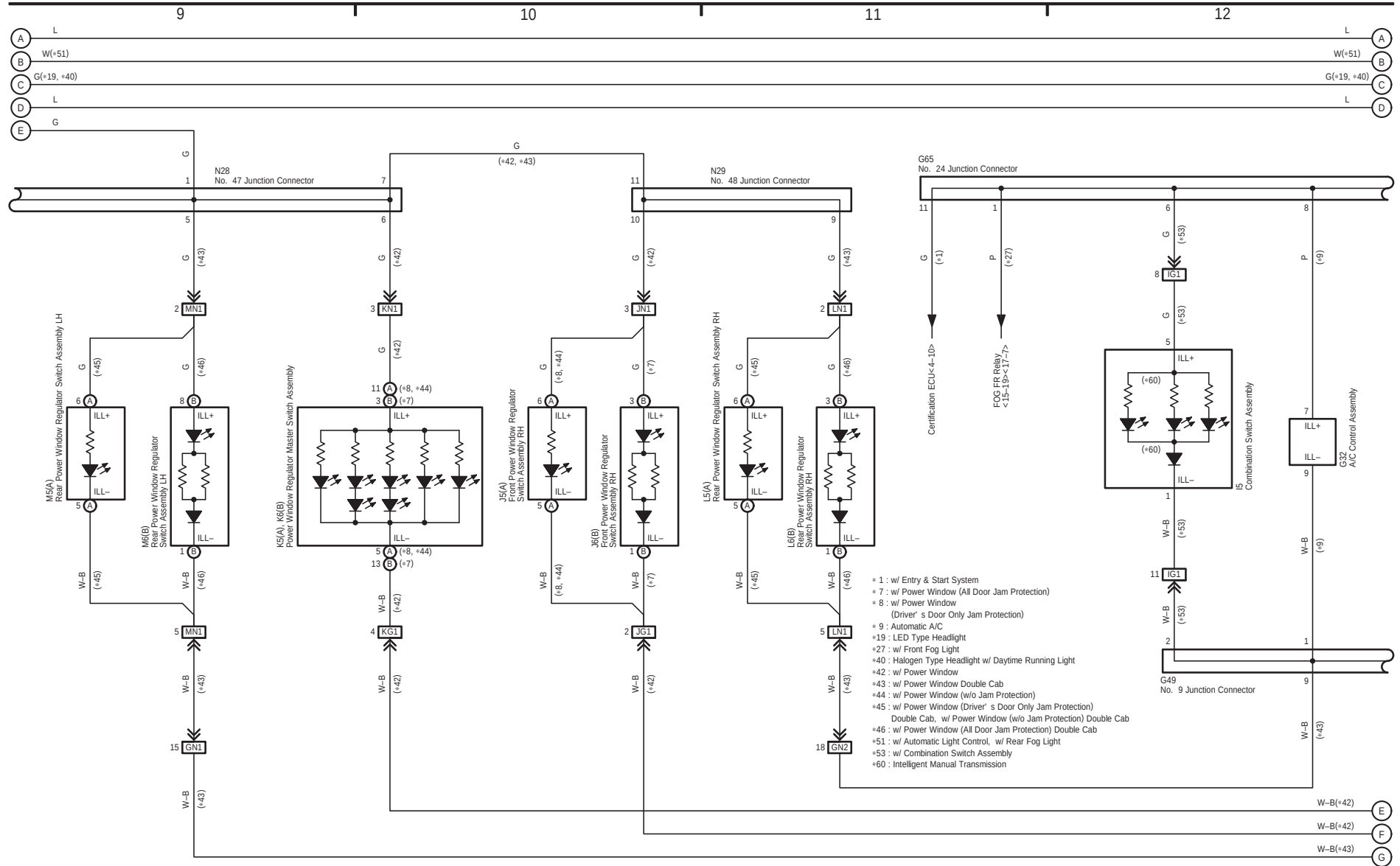
- * 3: 1GD-FTV, 2GD-FTV
- *36: Double Cab w/ No. 1 Room Light Assembly, Extra Cab w/ No. 1 Room Light Assembly
- *38: Double Cab w/ Overhead Console, Extra Cab w/ Overhead Console
- *39: Single Cab w/ No. 1 Room Light Assembly
- *41: Single Cab w/ Overhead Console
- *42: Double Cab, Extra Cab
- *43: w/ Microphone, w/ Intrusion Sensor
- *44: w/ Microphone w/o Intrusion Sensor
- *48: *3 From Aug. 2017 Production
- *49: Except *48



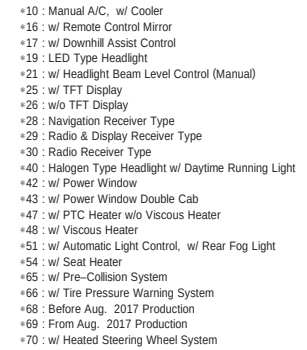
Taillight (LHD)



Illumination (LHD)



Illumination (LHD)

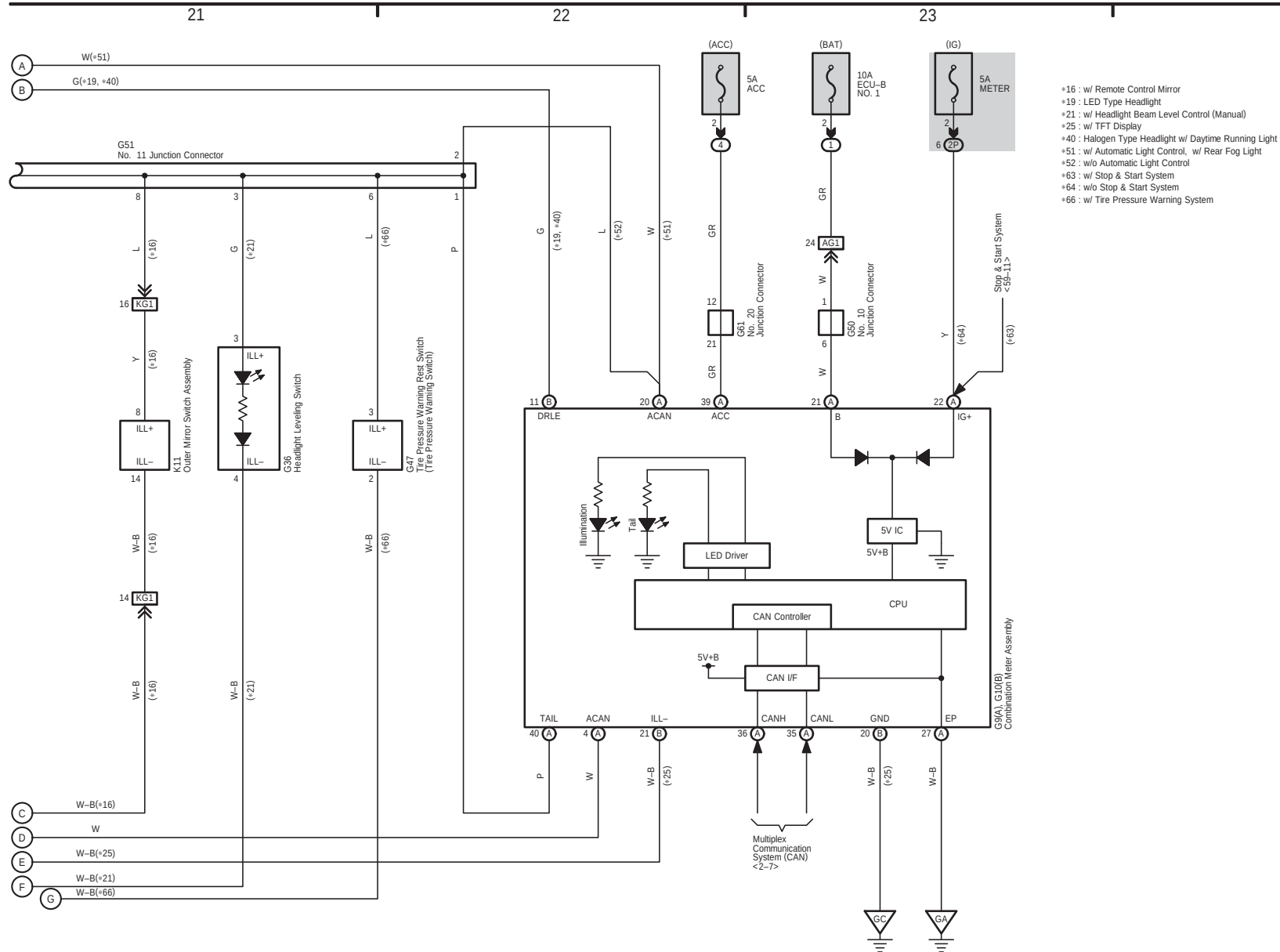


Illumination (LHD)

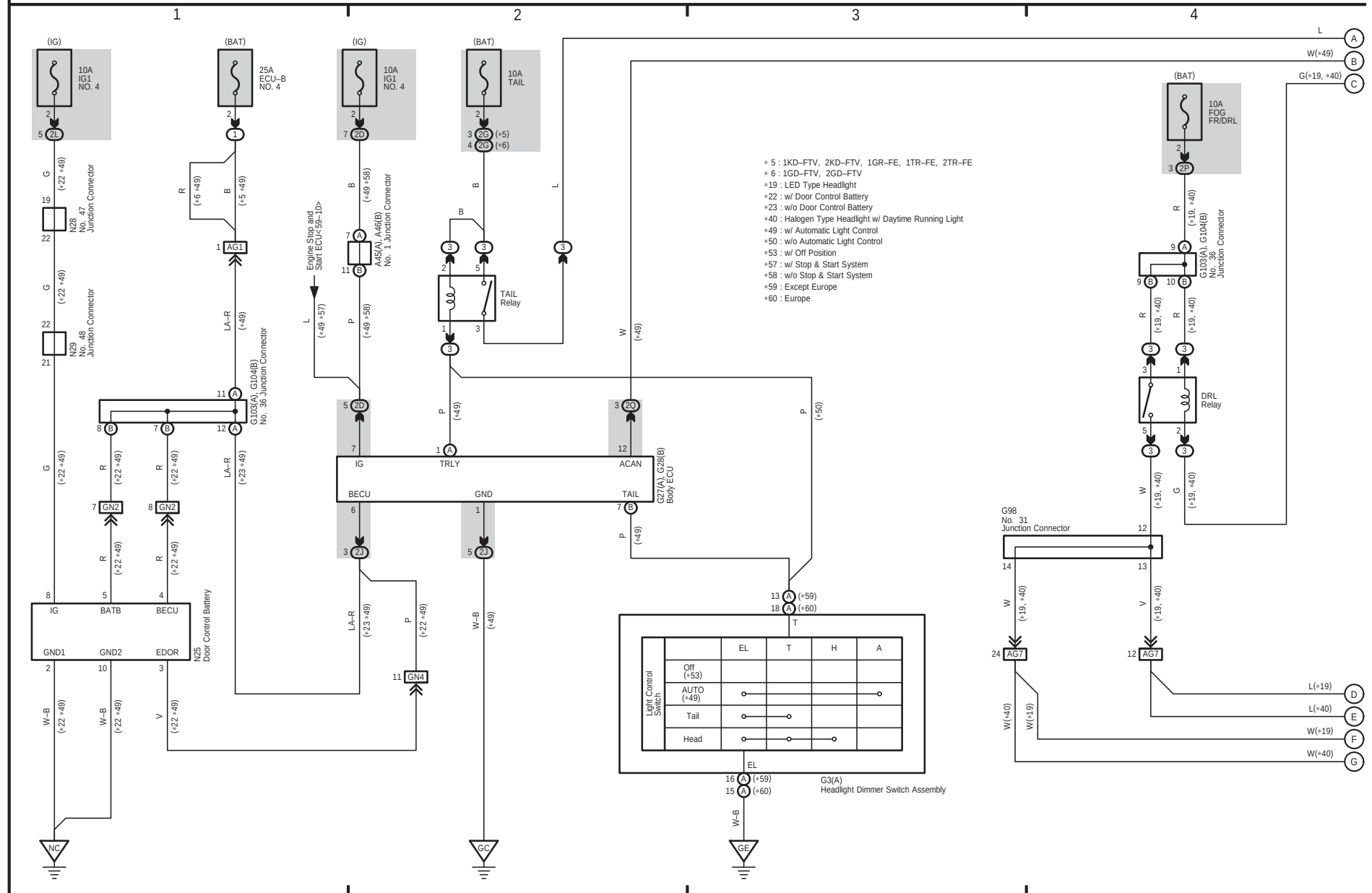


19 HILUX (Cont' d)

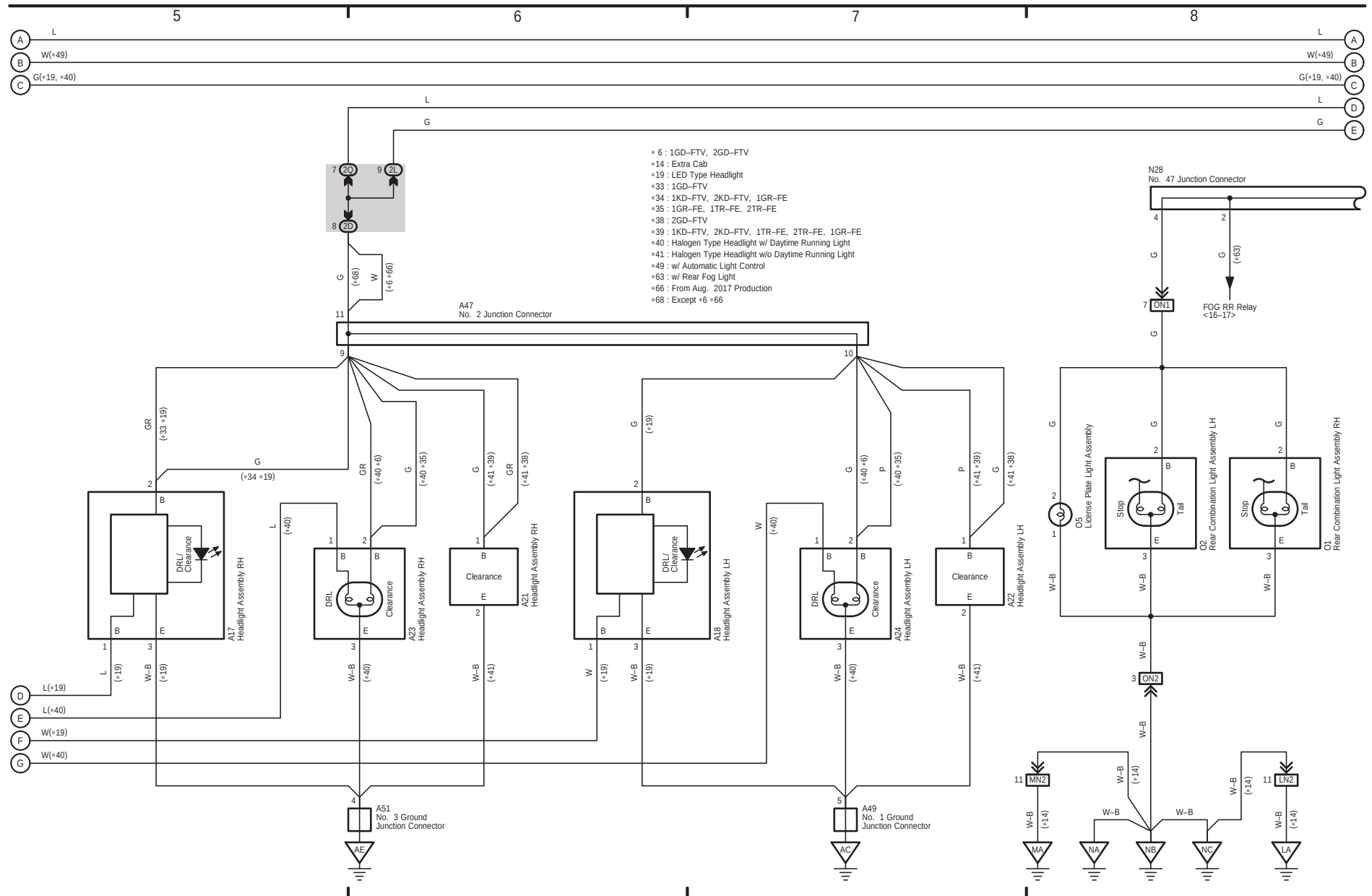
Illumination (LHD)



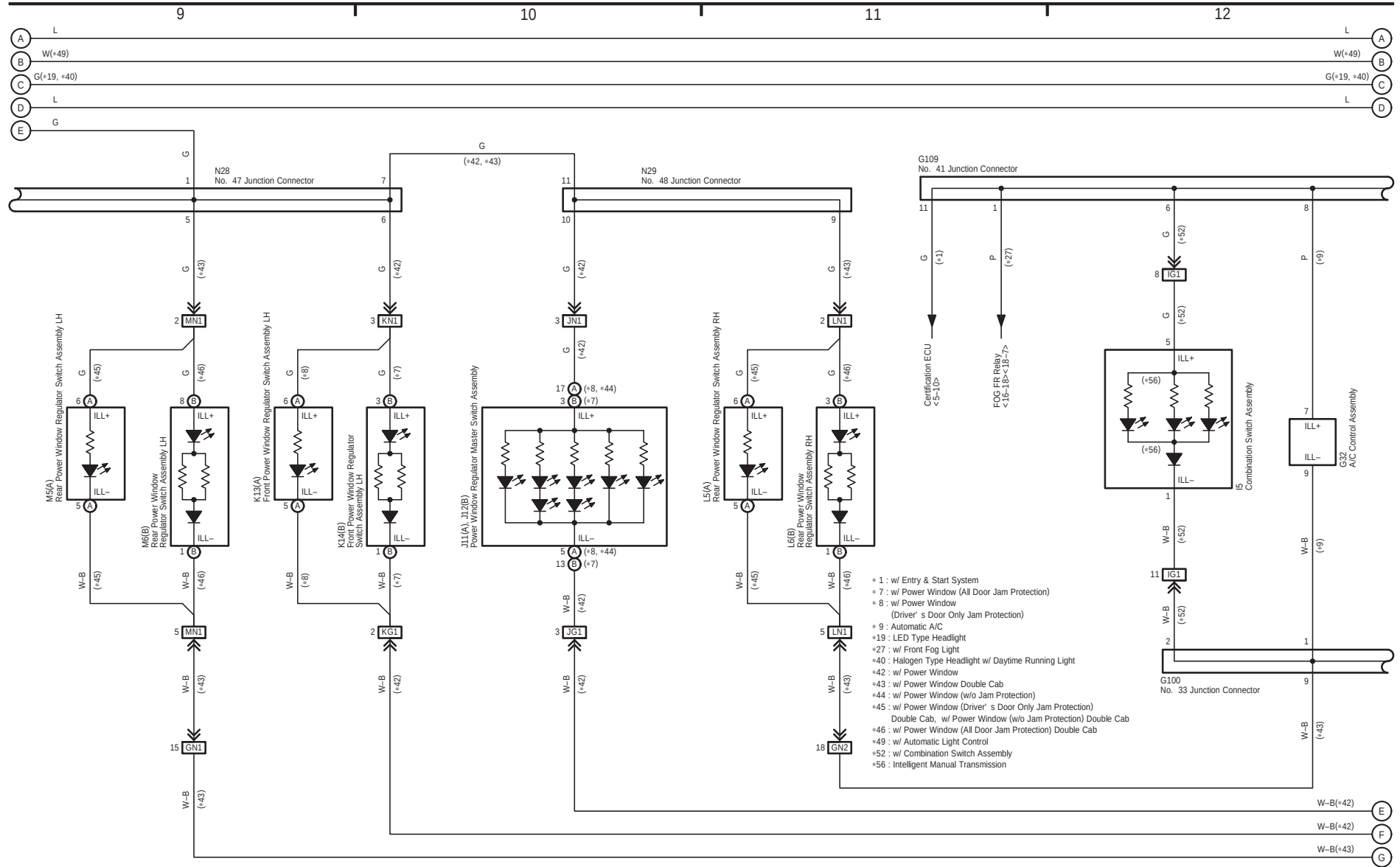
Taillight (RHD)



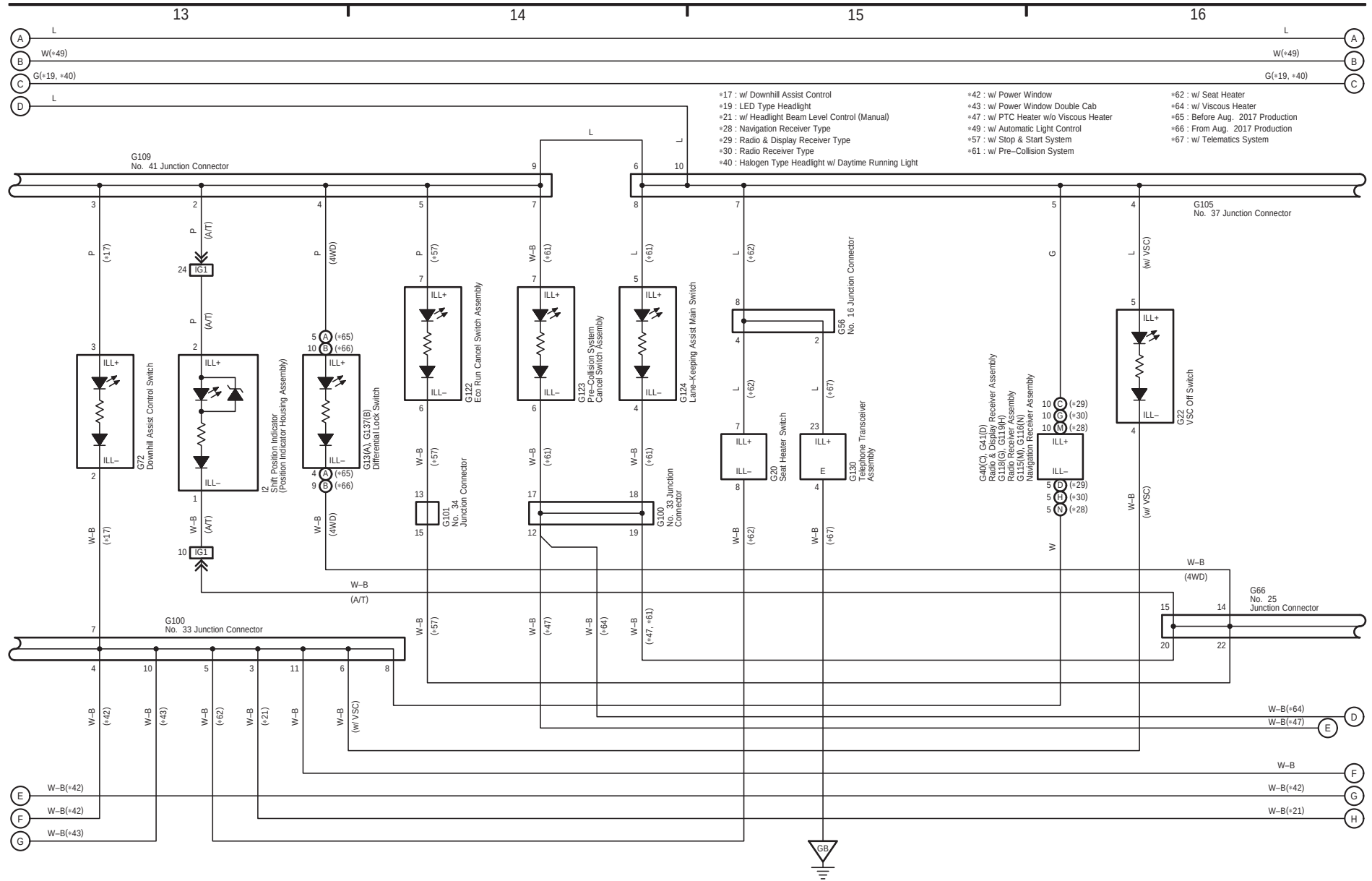
Taillight (RHD)



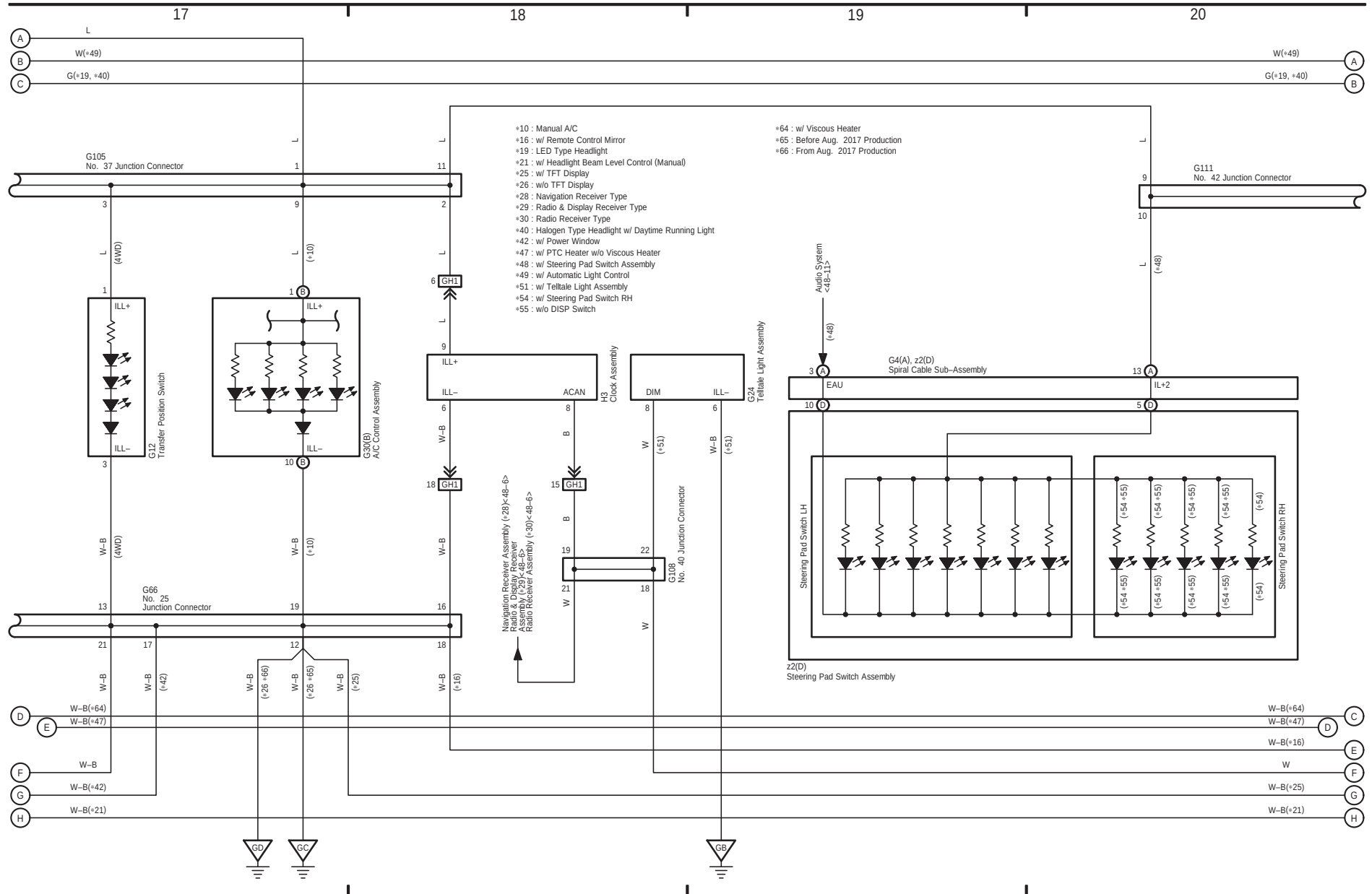
Illumination (RHD)



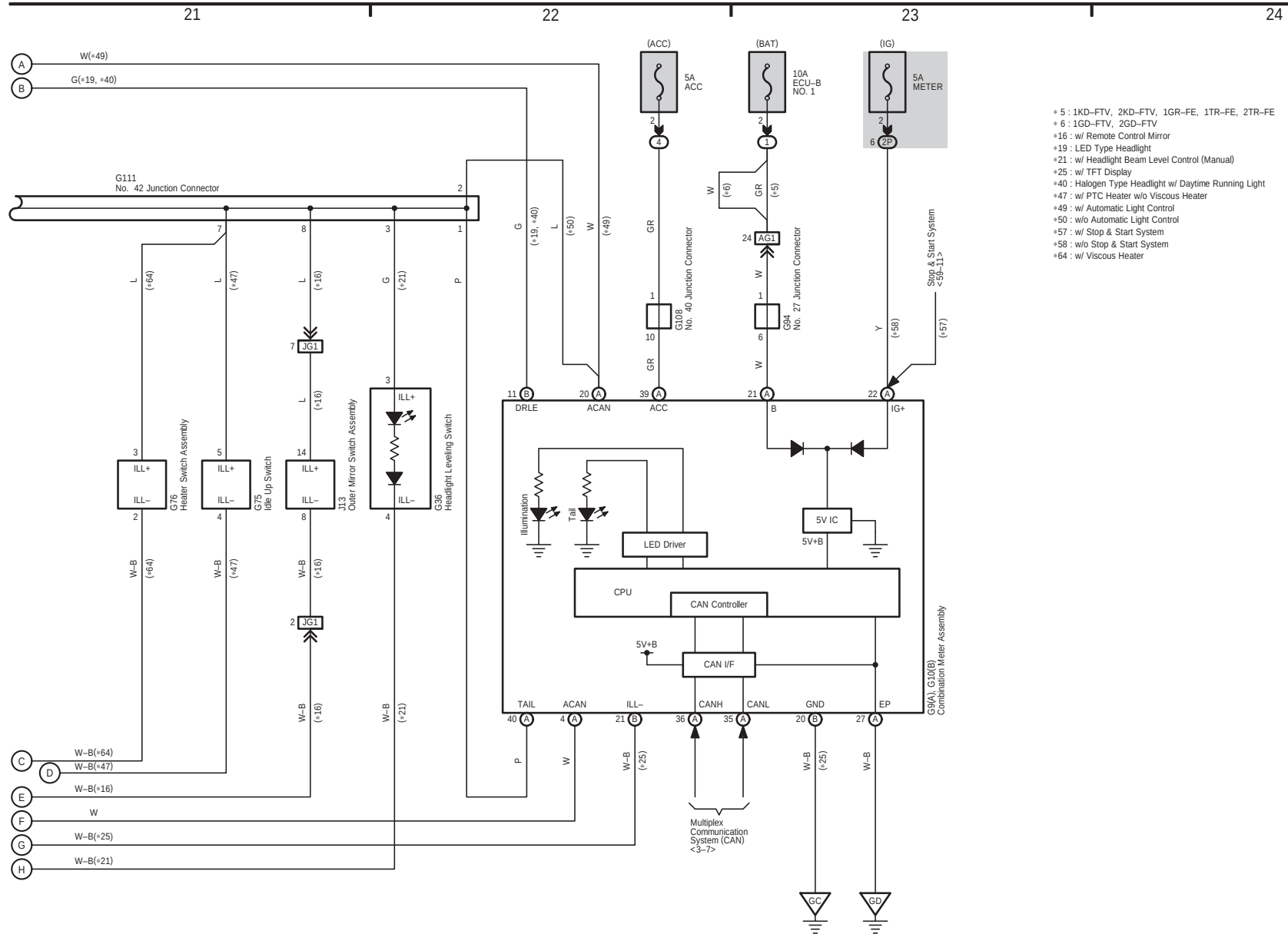
Illumination (RHD)

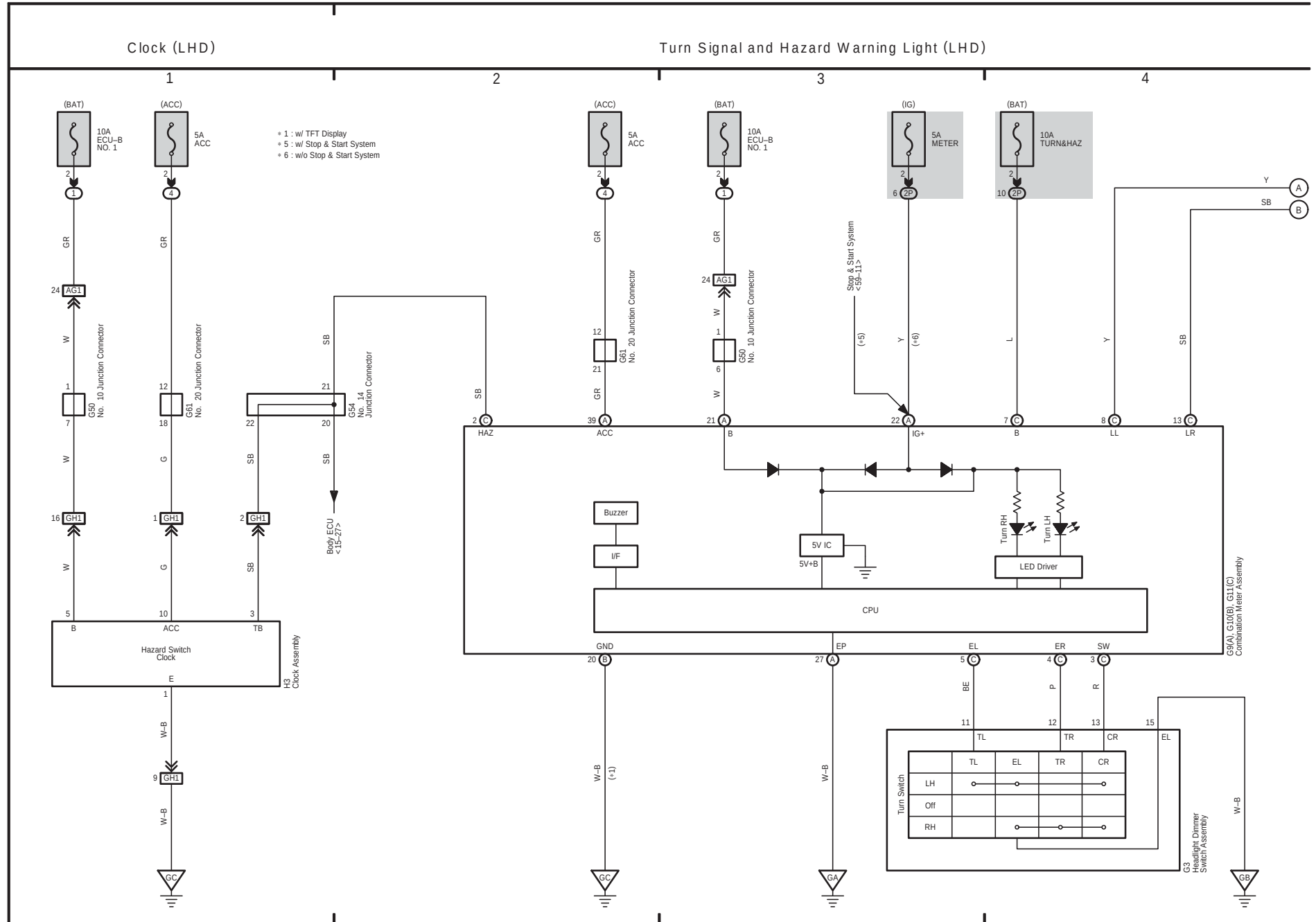


Illumination (RHD)



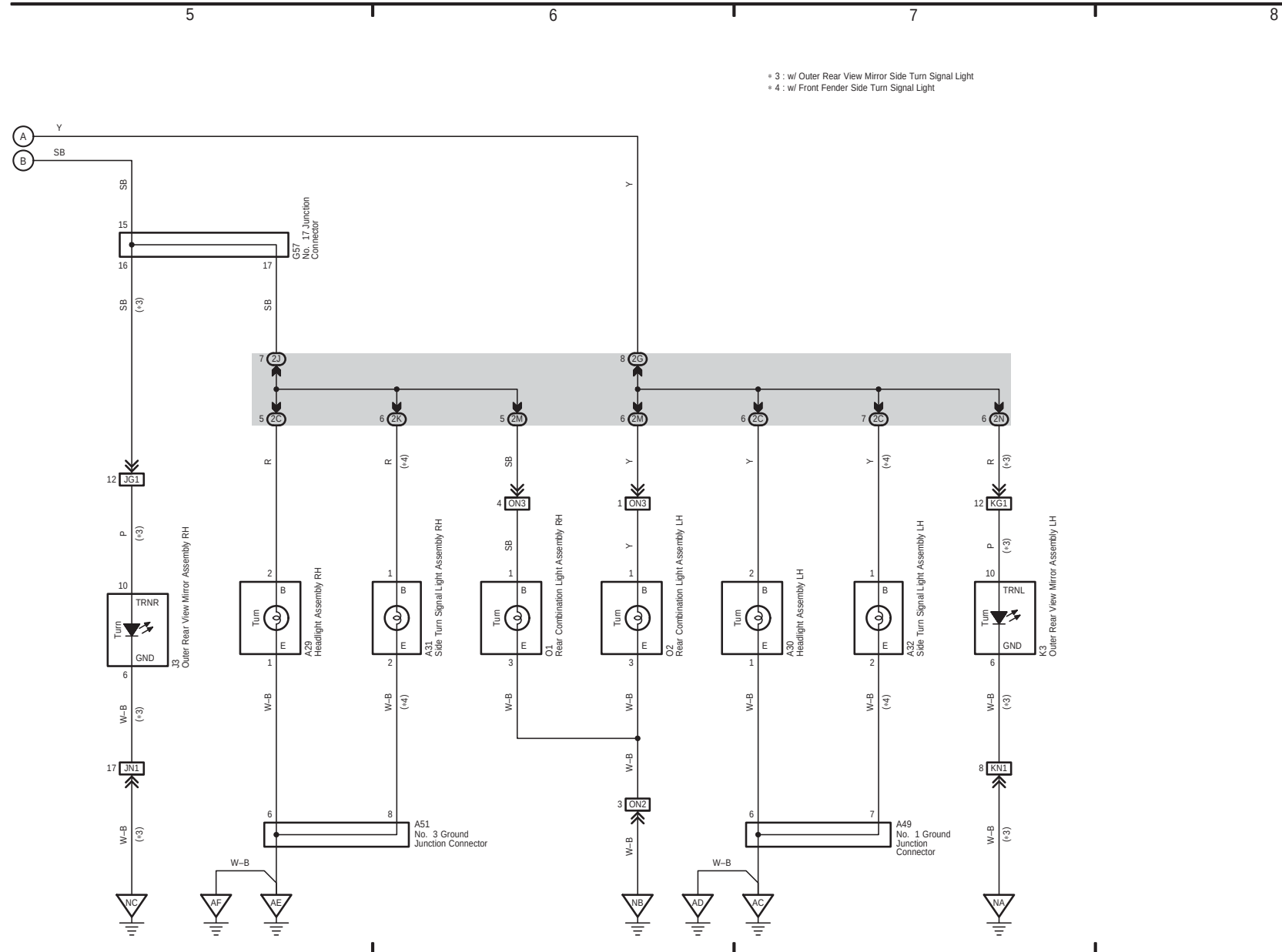
Illumination (RHD)

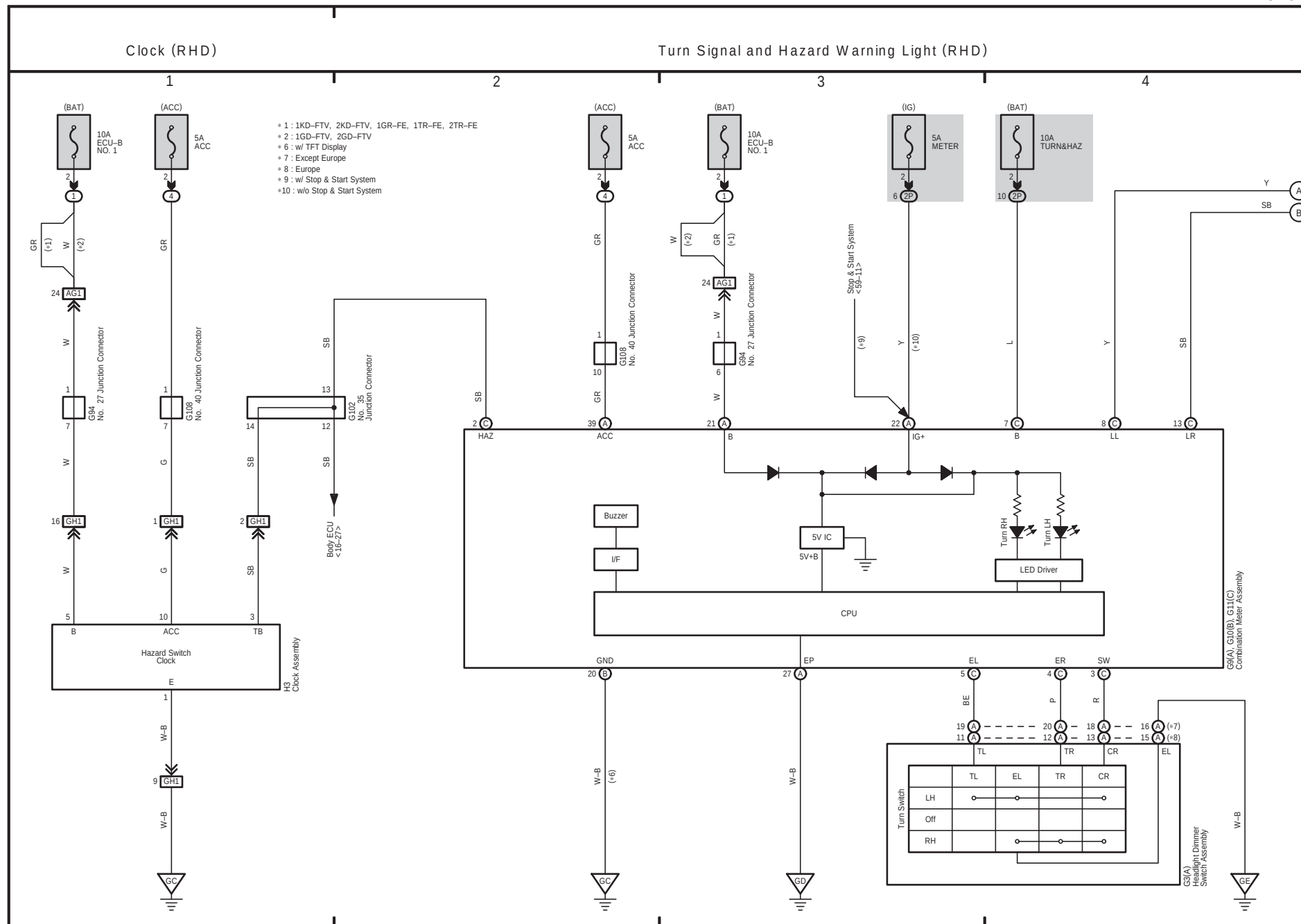




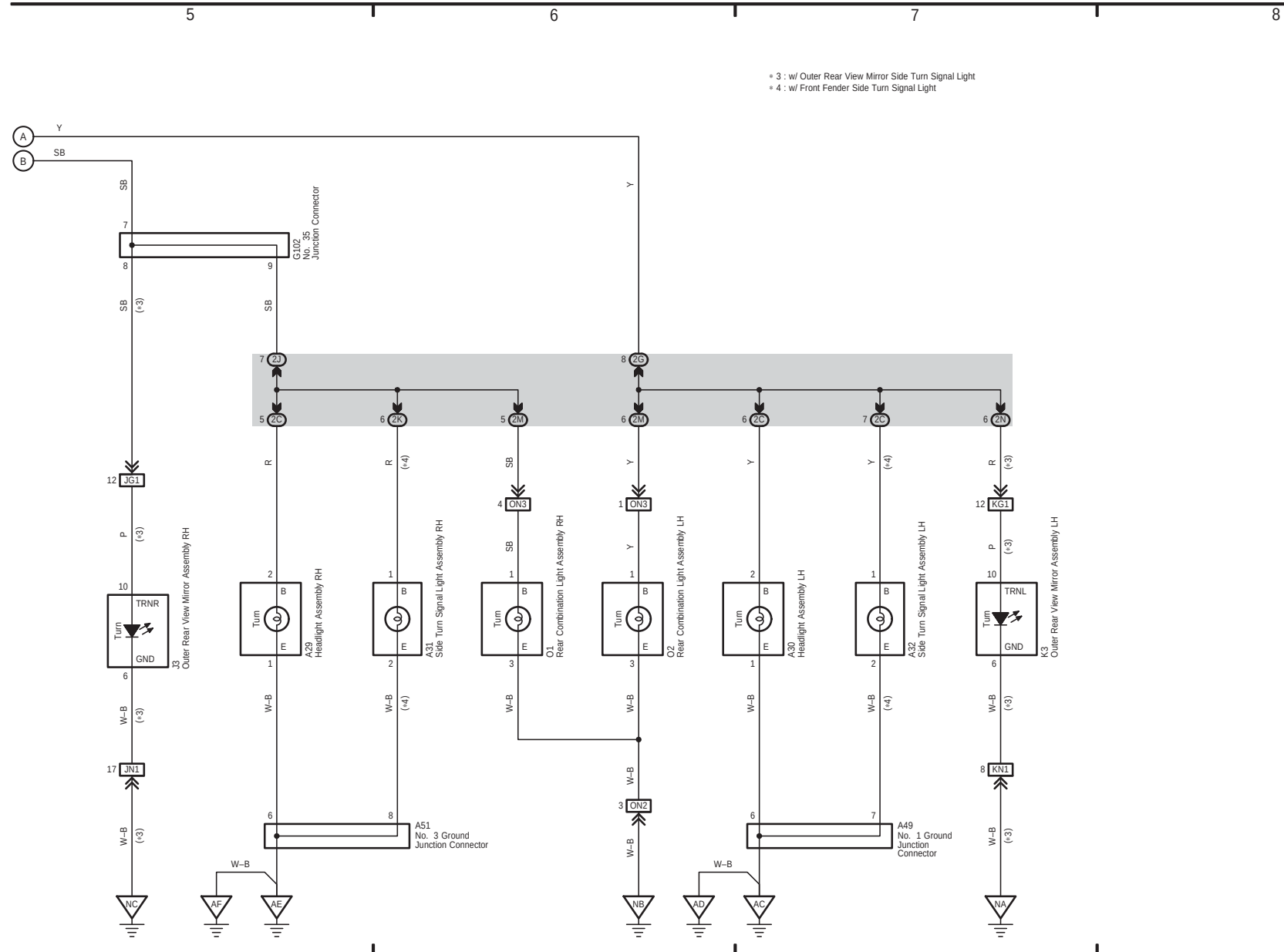
21 HILUX (Cont' d)

Turn Signal and Hazard Warning Light (LHD)

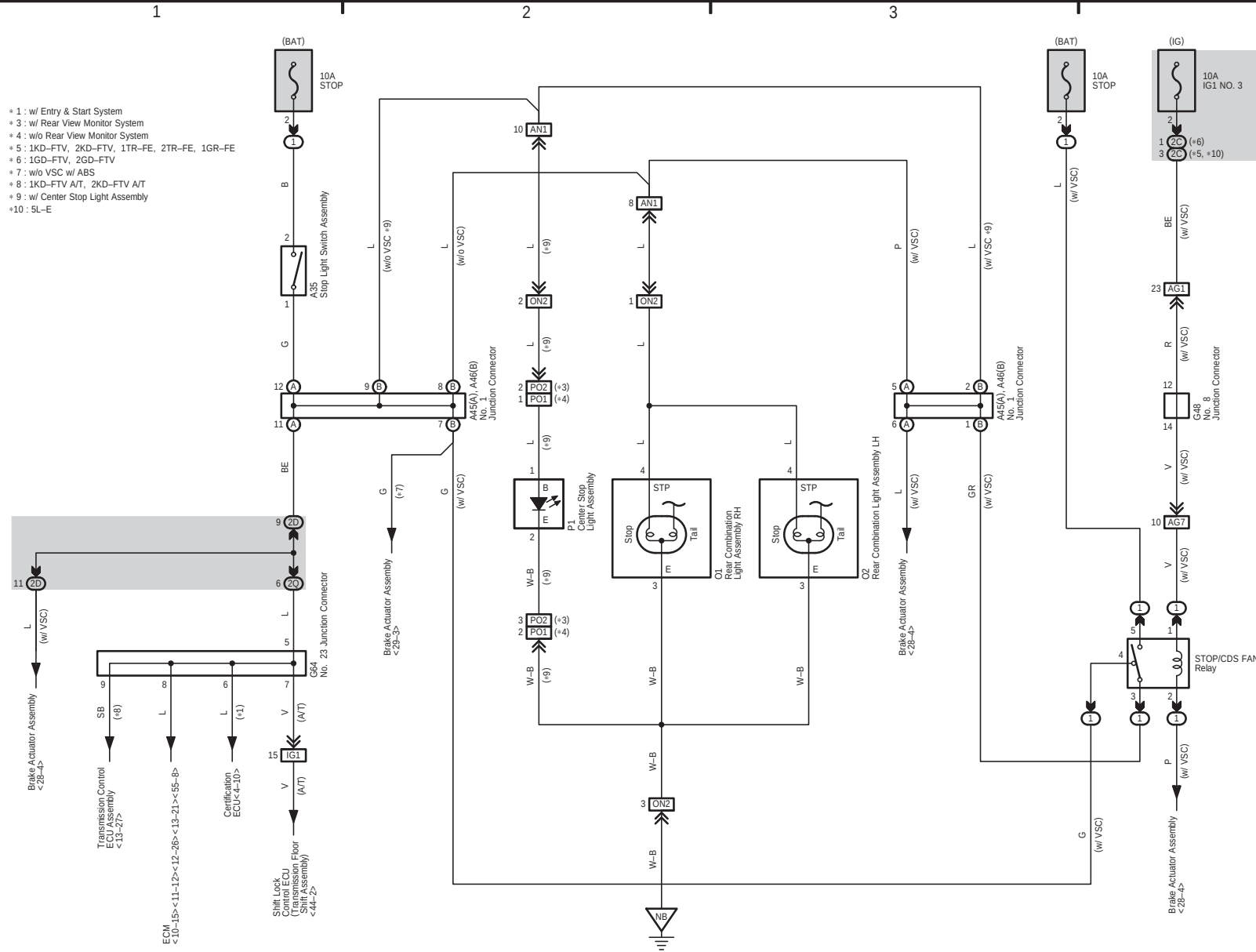




Turn Signal and Hazard Warning Light (RHD)

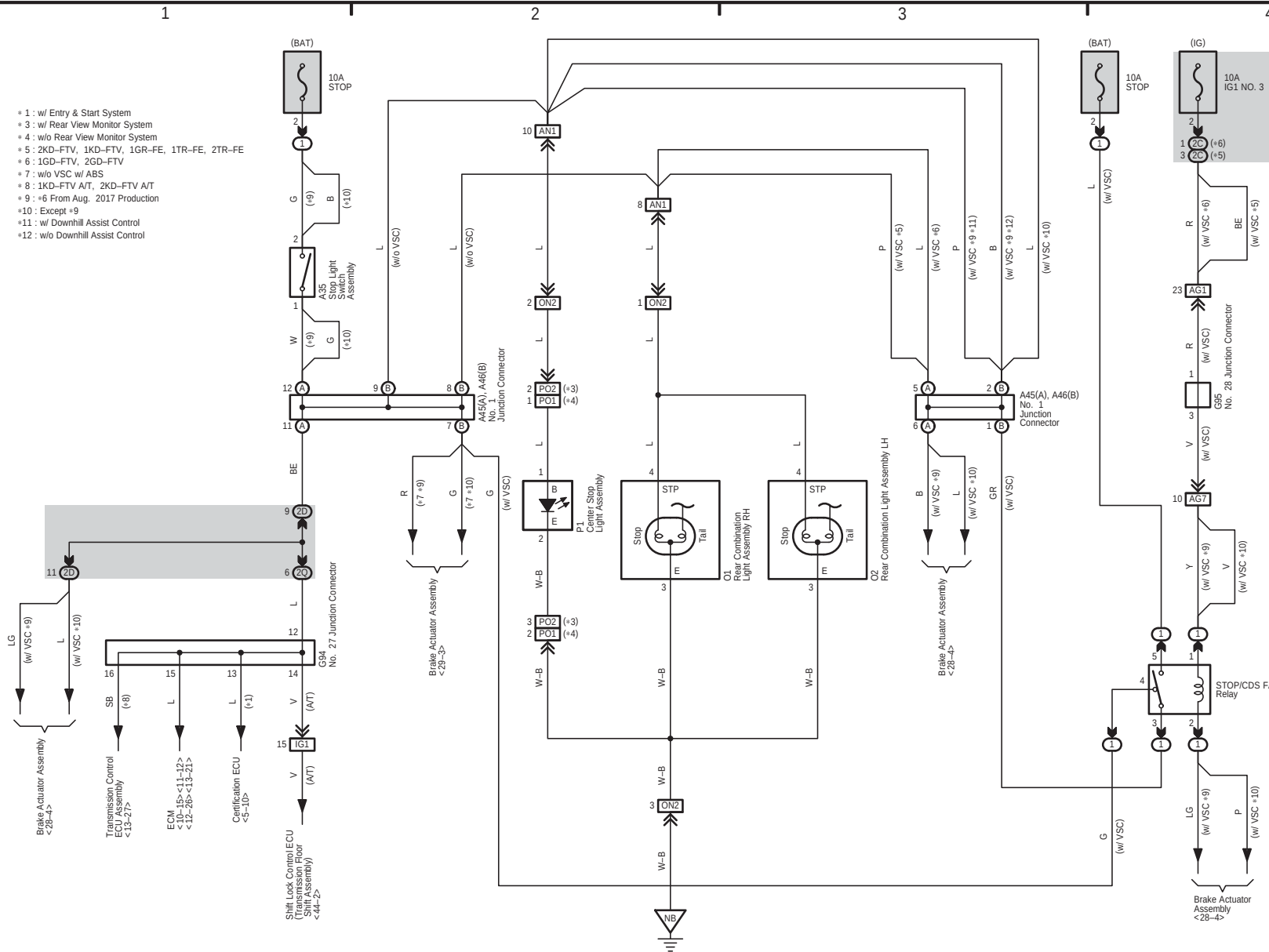


Stop Light (LHD)

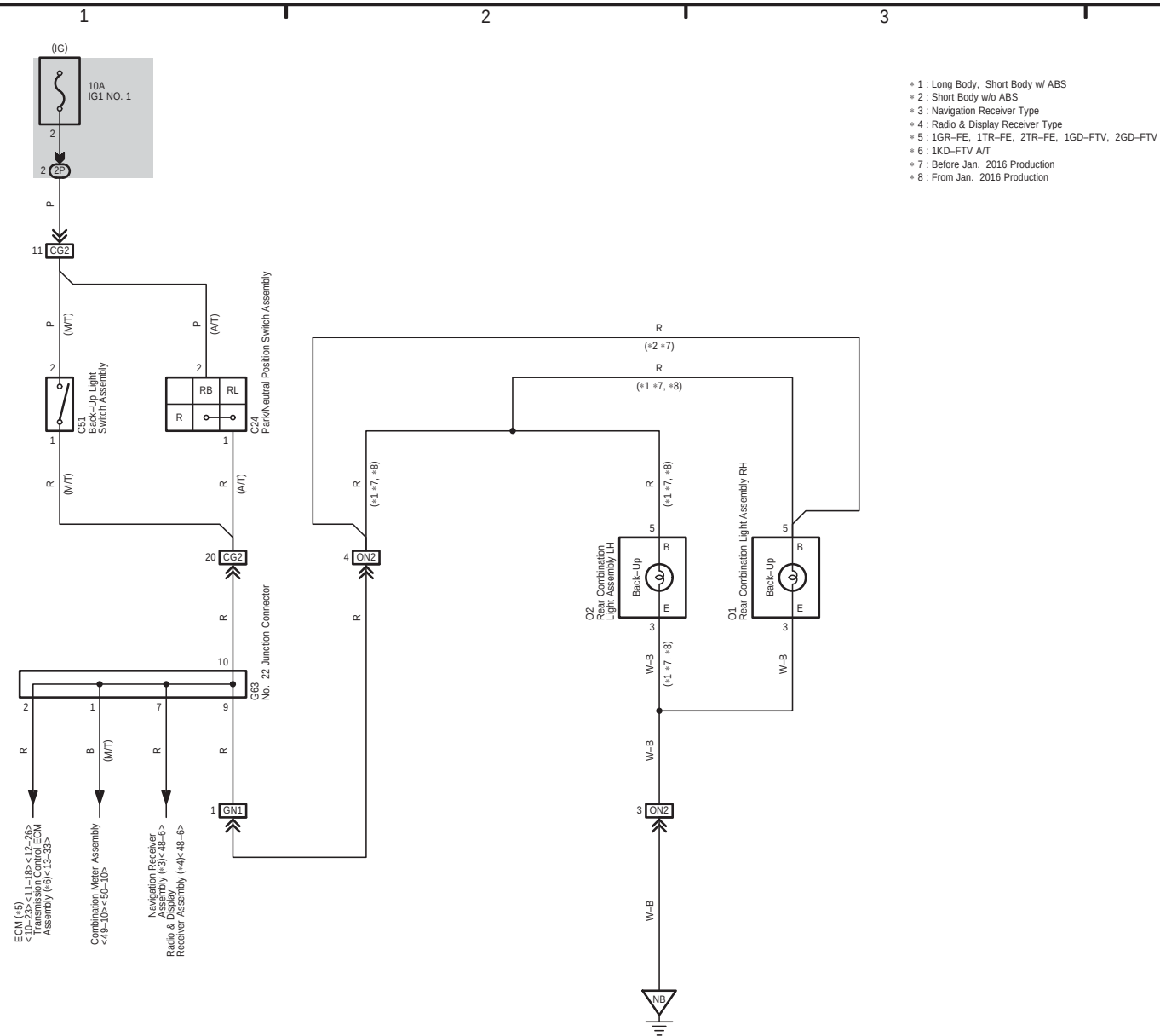


Stop Light (RHD)

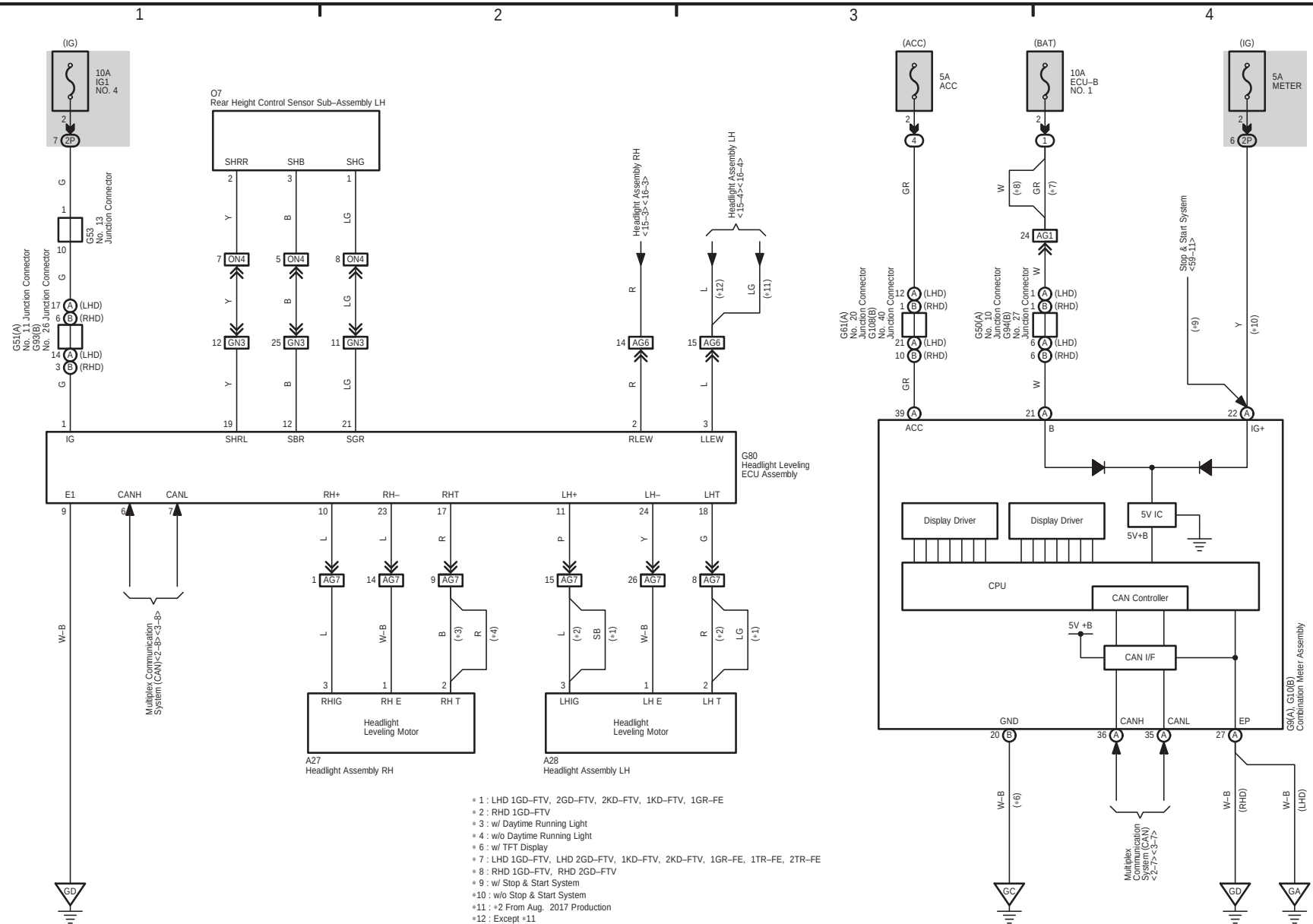
- * 1 : w/ Entry & Start System
- * 3 : w/ Rear View Monitor System
- * 4 : w/o Rear View Monitor System
- * 5 : 2KD-FTV, 1KD-FTV, 1GR-FE, 1TR-FE, 2TR-FE
- * 6 : 1GD-FTV, 2GD-FTV
- * 7 : w/o VSC w/ ABS
- * 8 : 1KD-FTV A/T, 2KD-FTV A/T
- * 9 : * 6 From Aug. 2017 Production
- * 10 : Except * 9
- * 11 : w/ Downhill Assist Control
- * 12 : w/o Downhill Assist Control



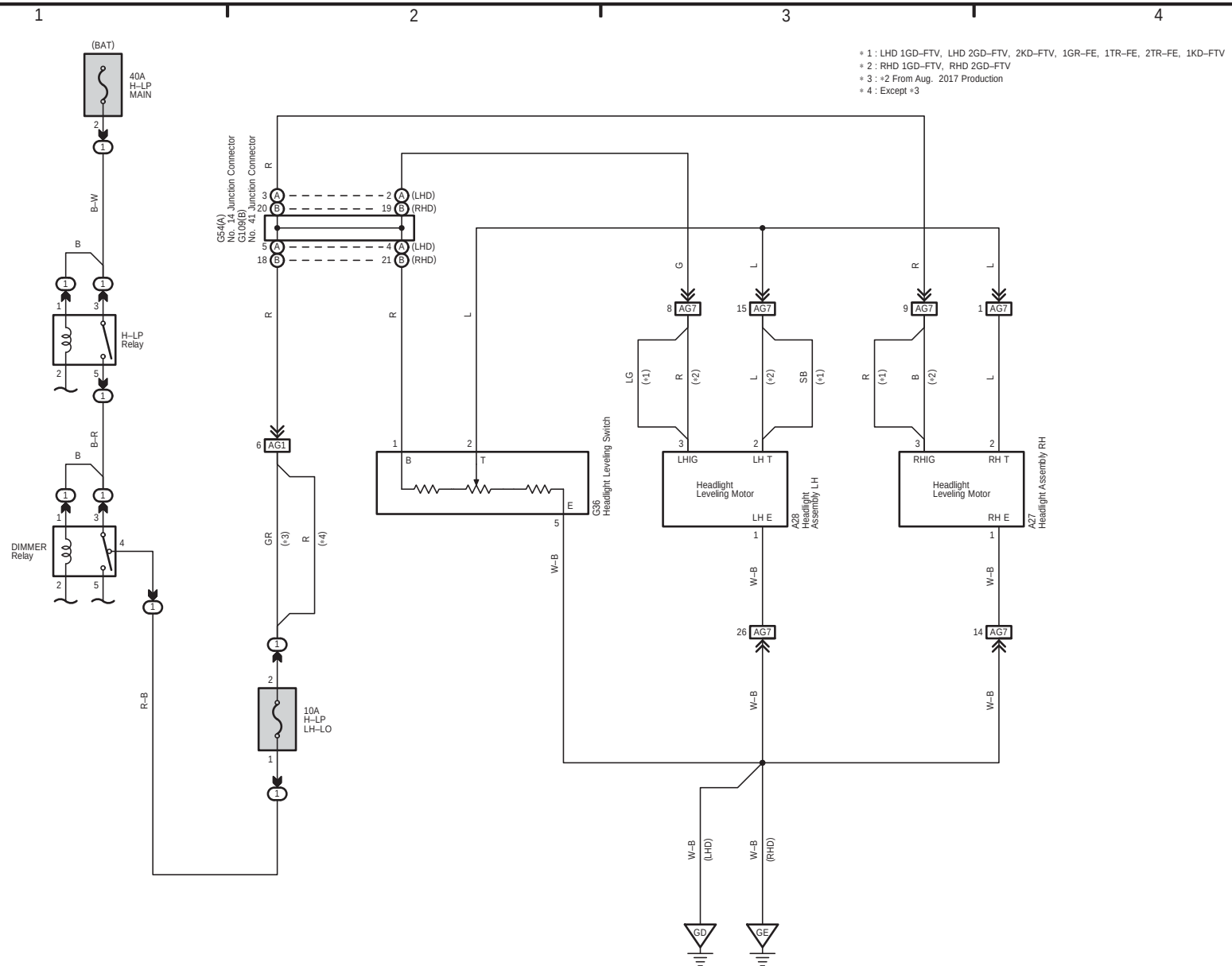
Back-Up Light



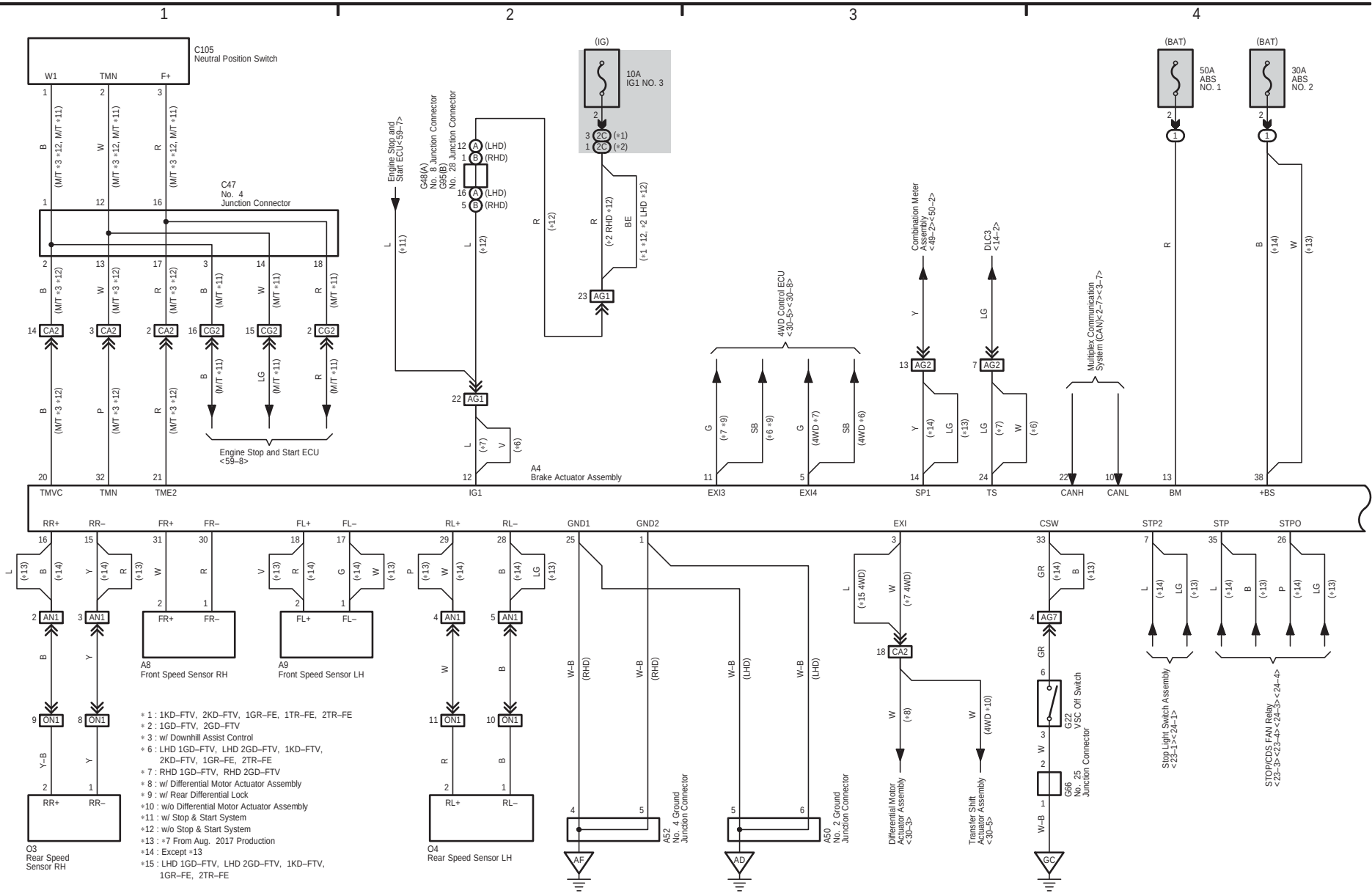
Headlight Beam Level Control (Automatic)



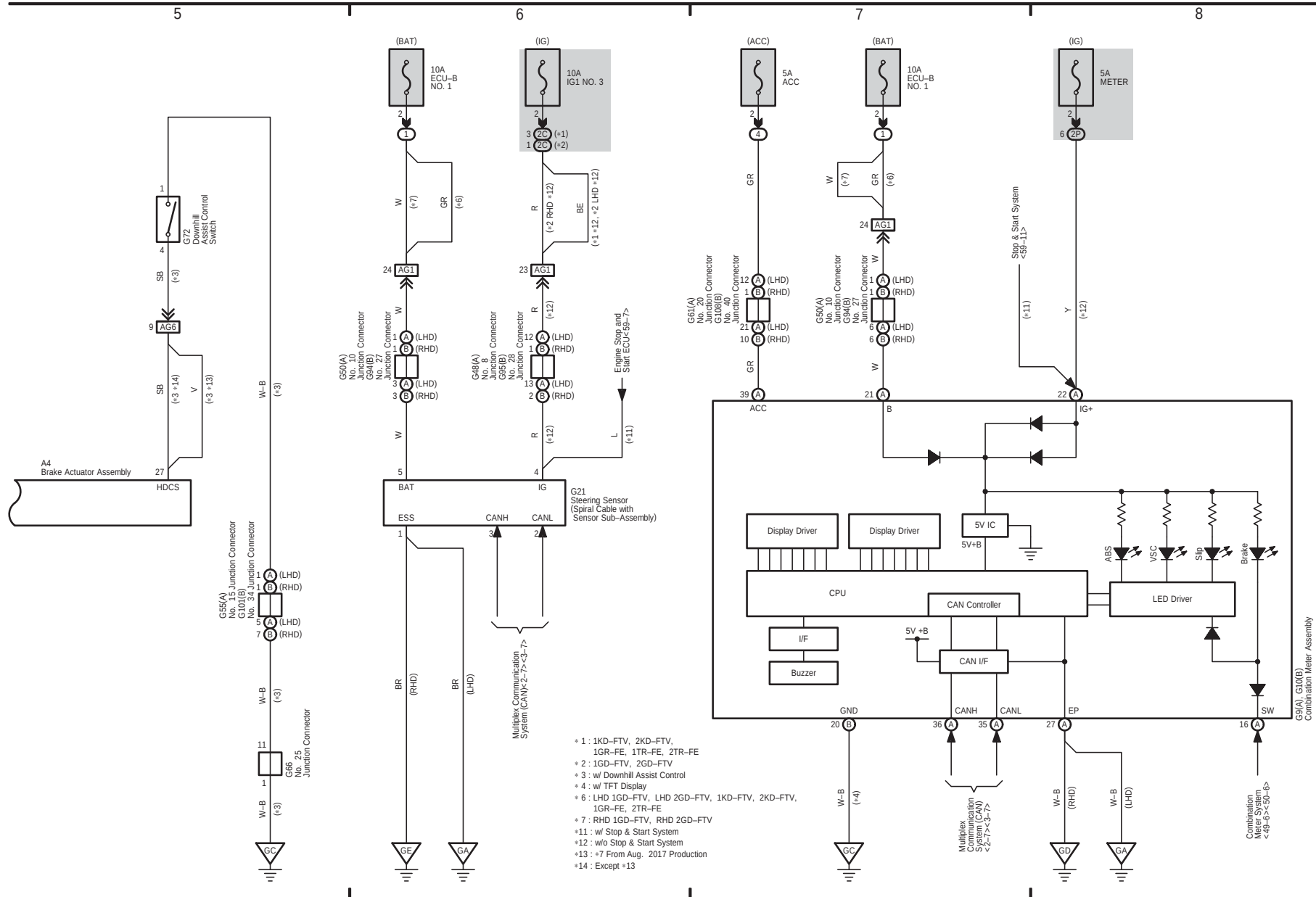
Headlight Beam Level Control (Manual)



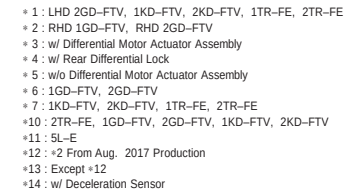
ABS (w/ VSC), Downhill Assist Control, Hill-Start Assist Control, TRC, VSC



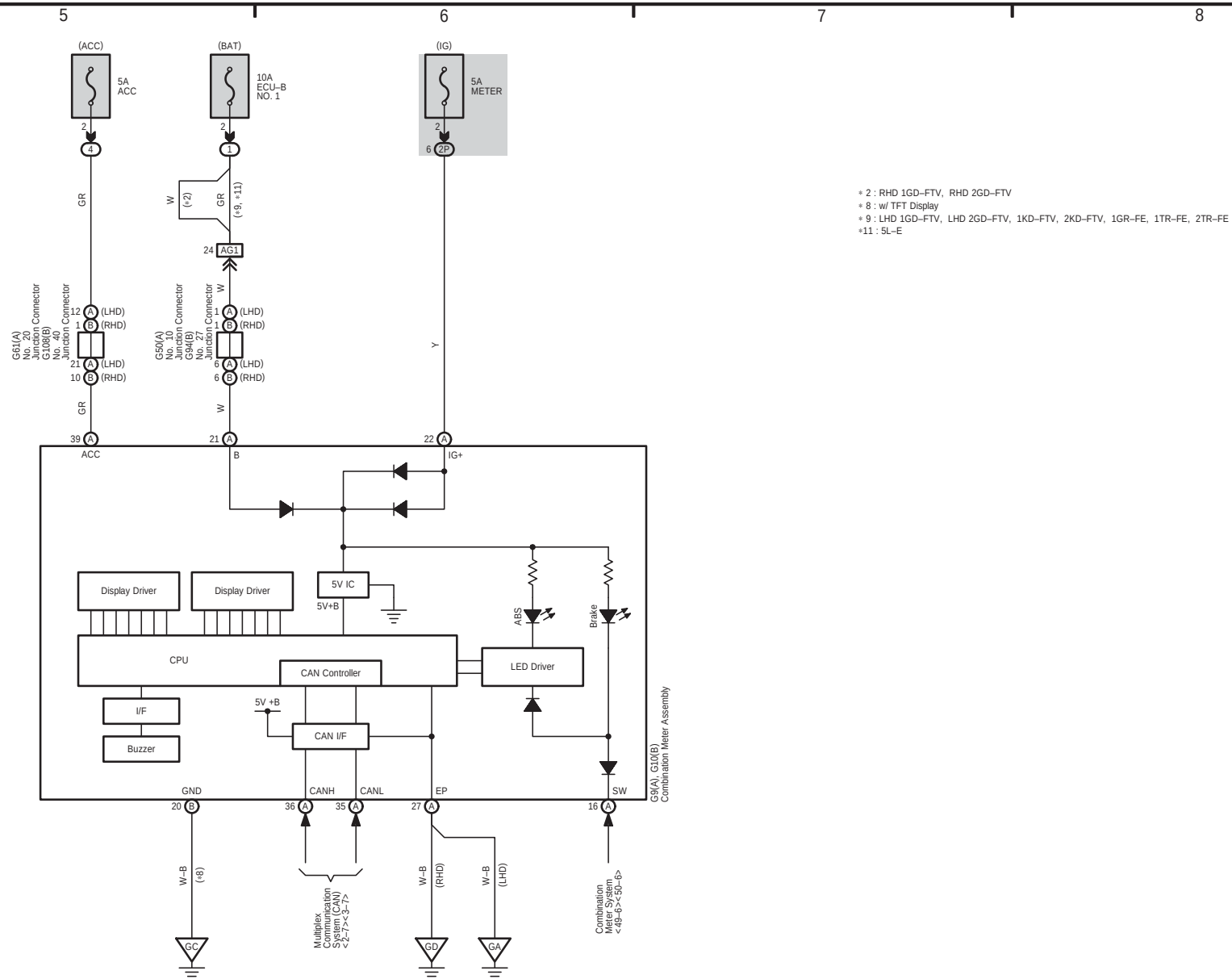
ABS (w/ VSC), Downhill Assist Control, Hill-Start Assist Control, TRC, VSC

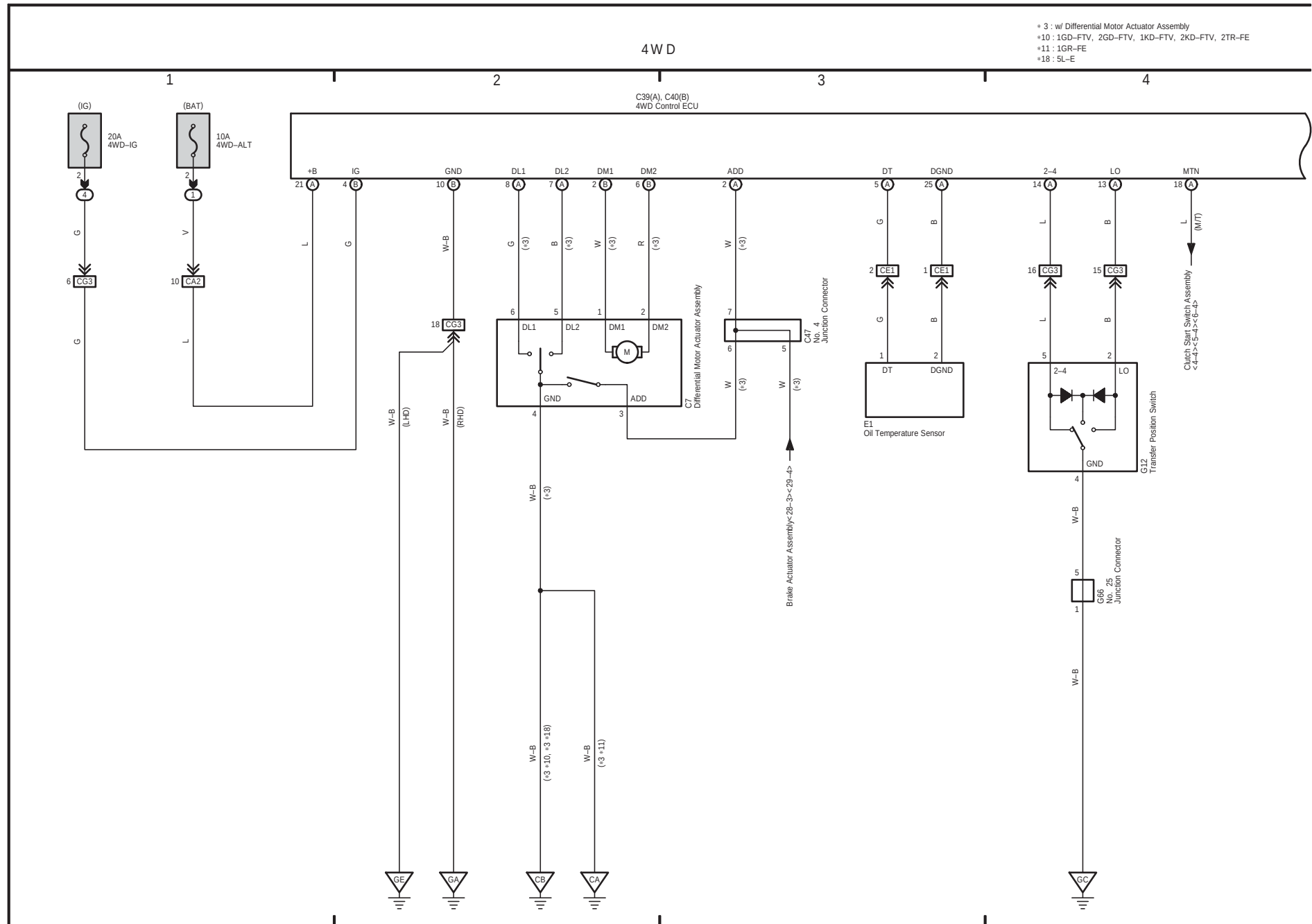


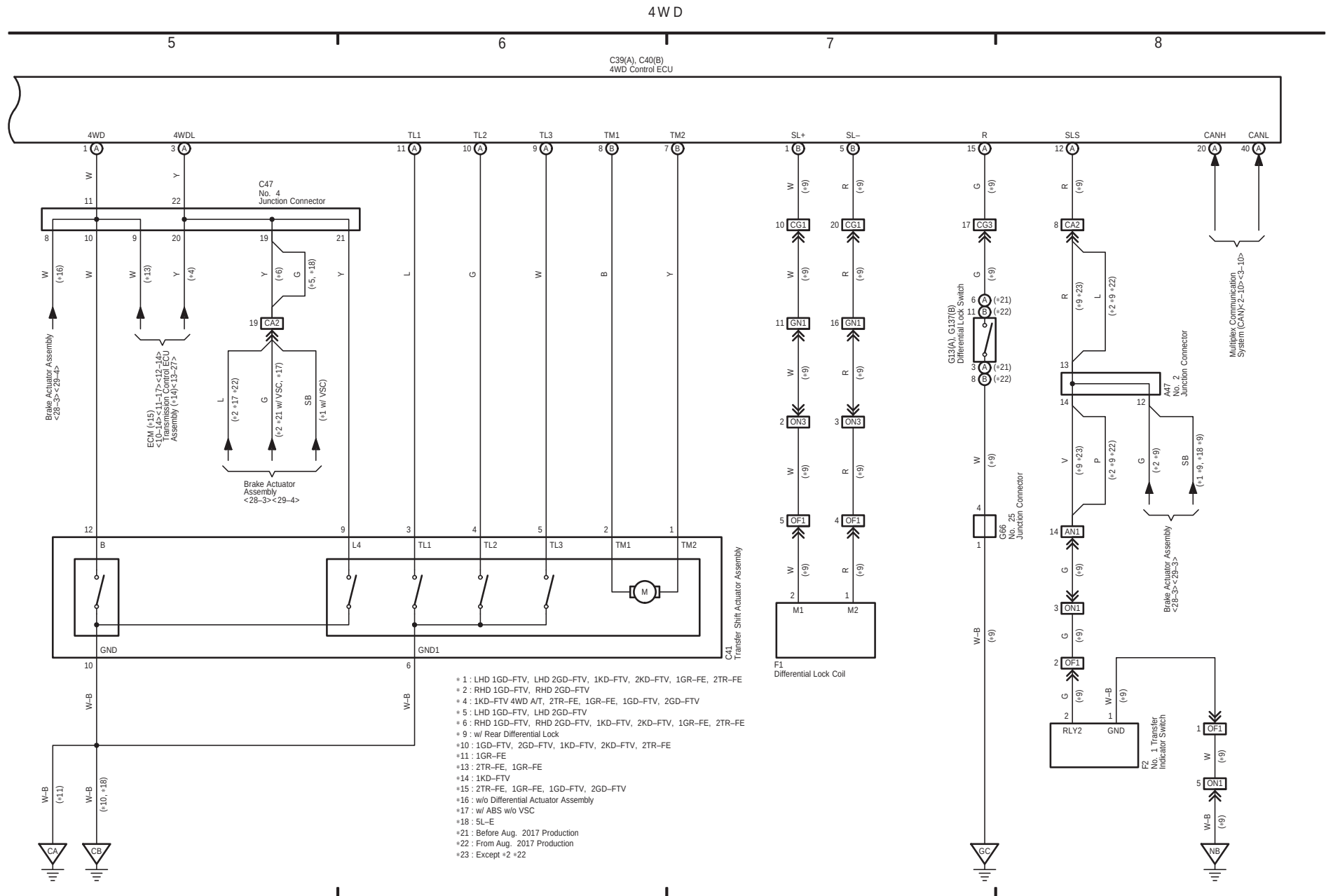
ABS (w/o VSC)

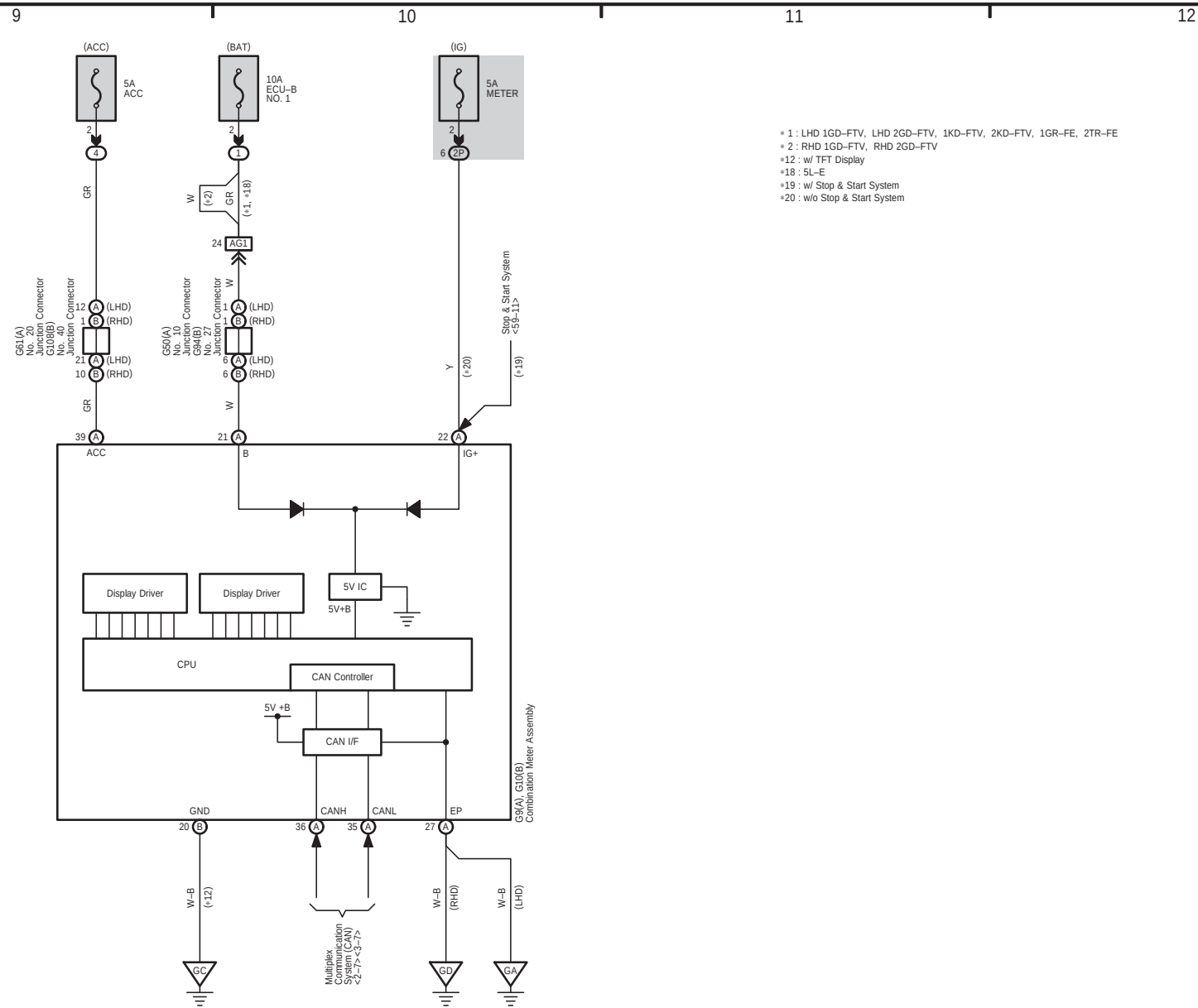


ABS (w/o VSC)

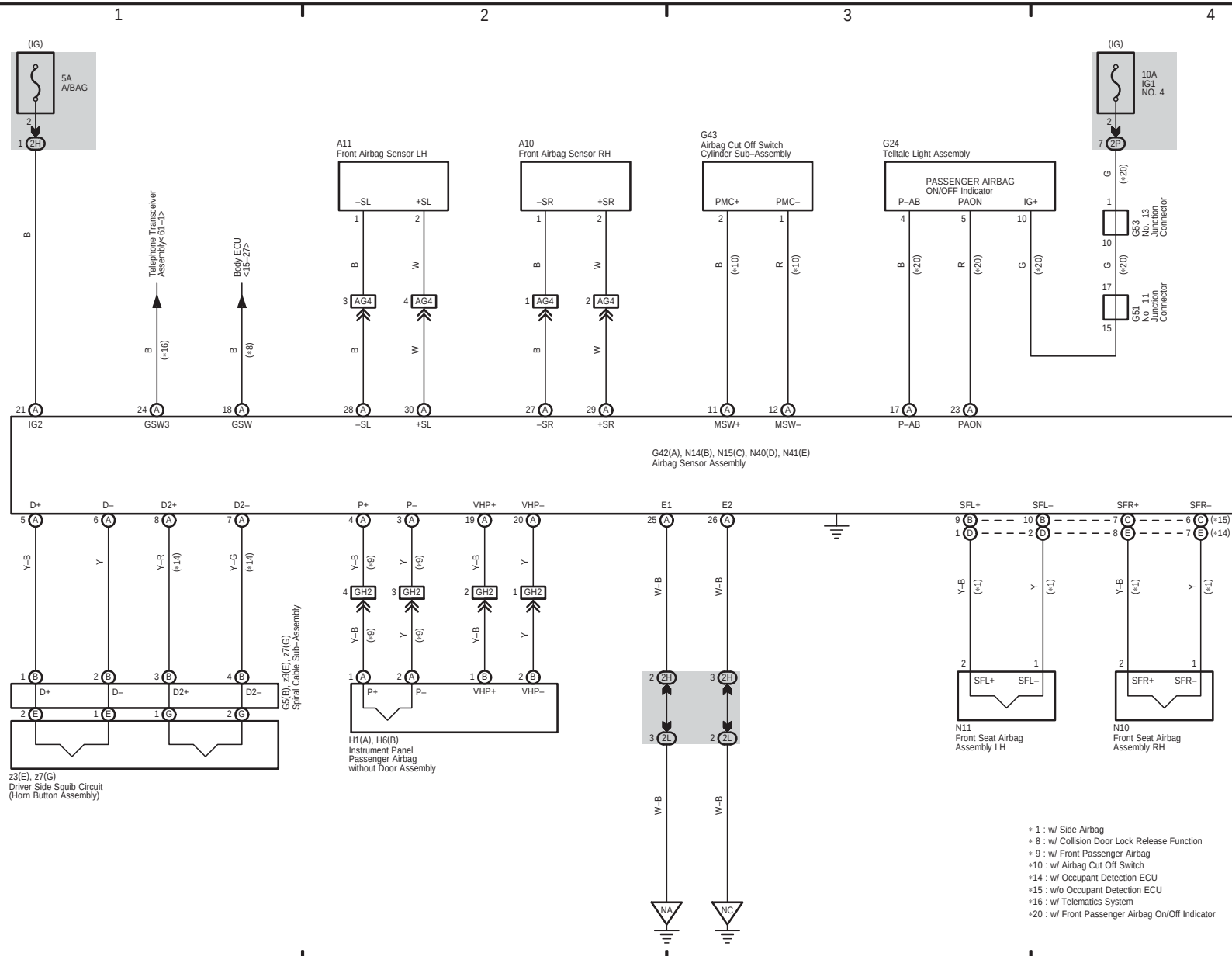




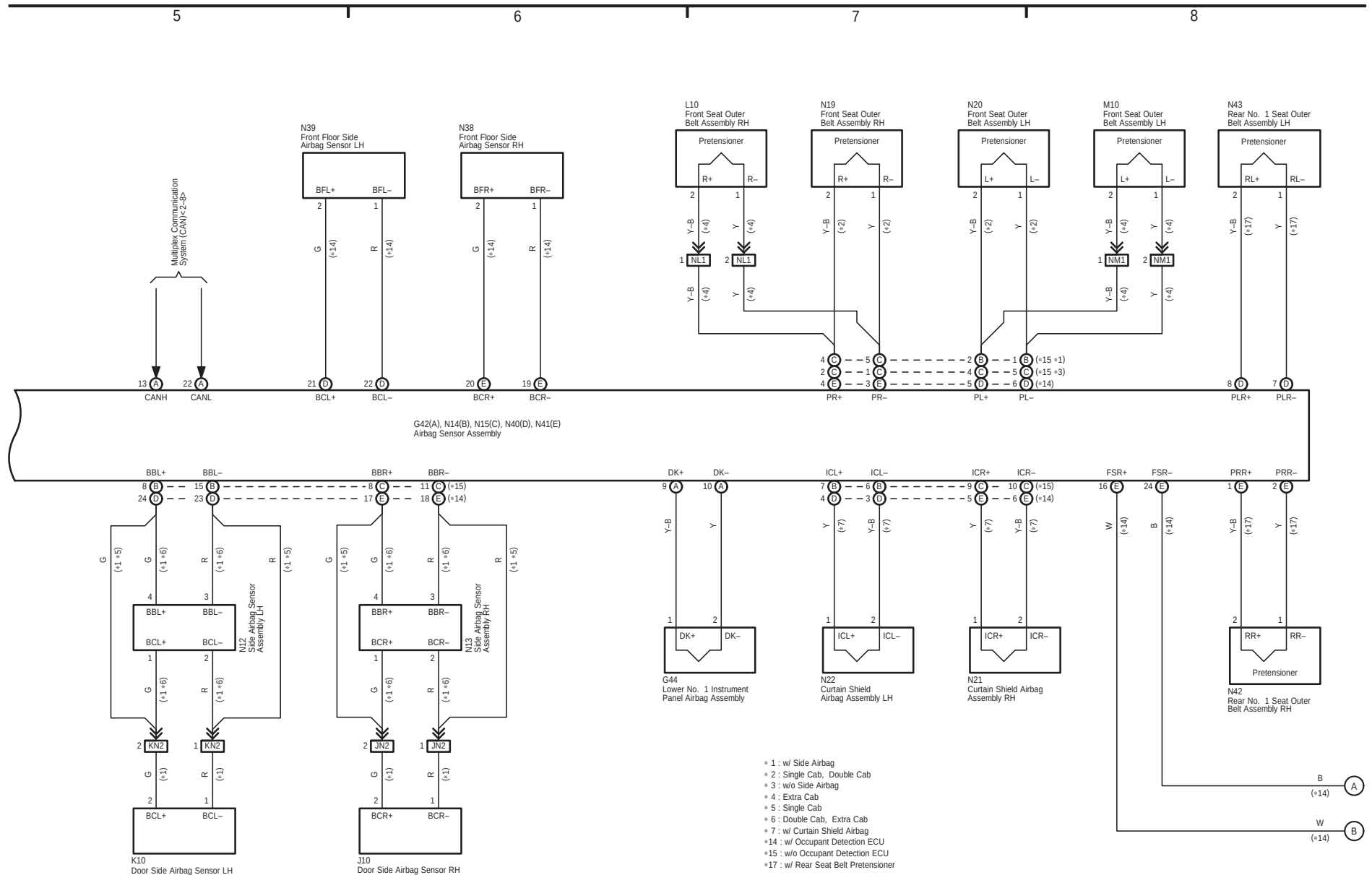




SRS (LHD)

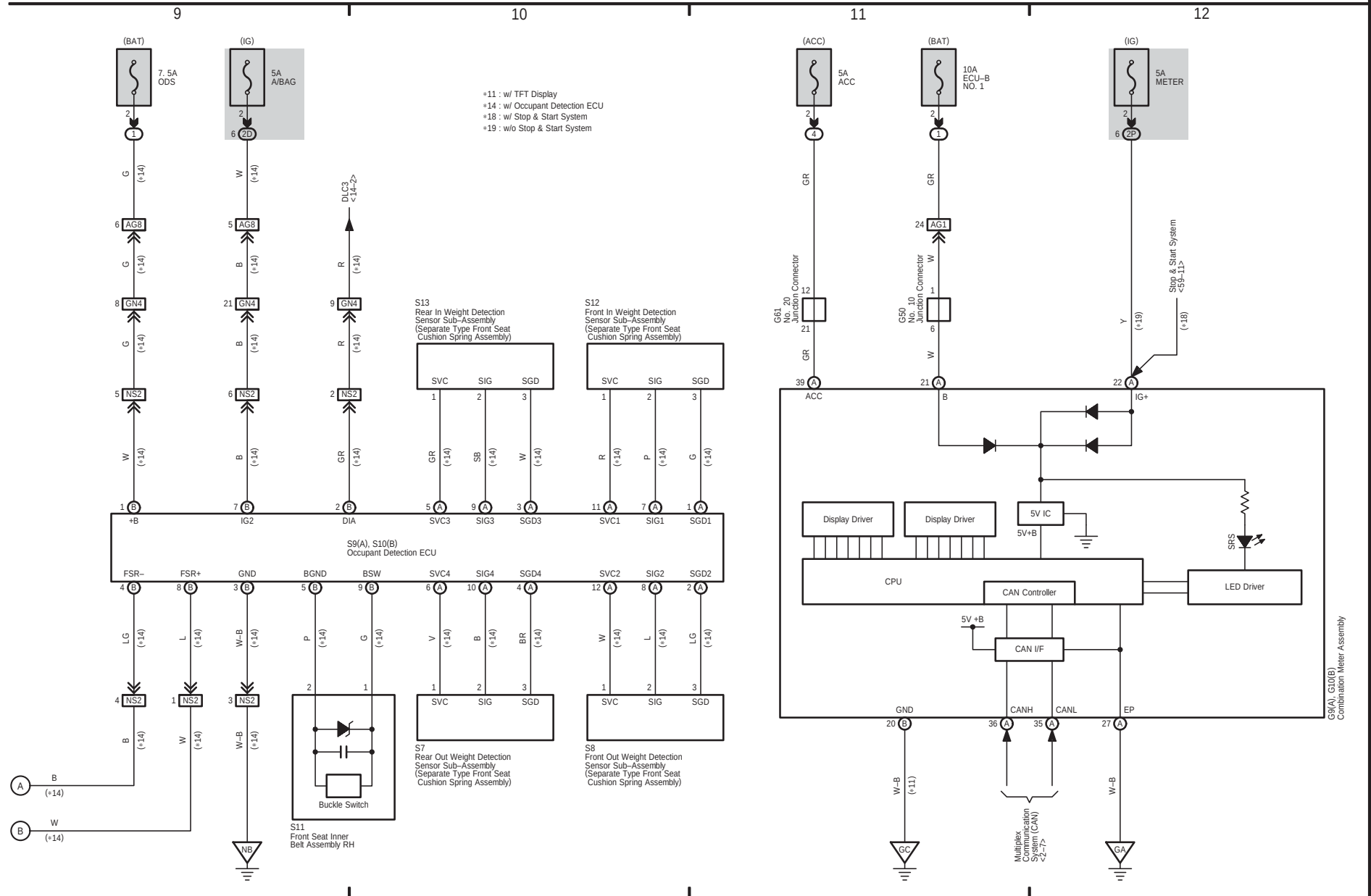


SRS (LHD)

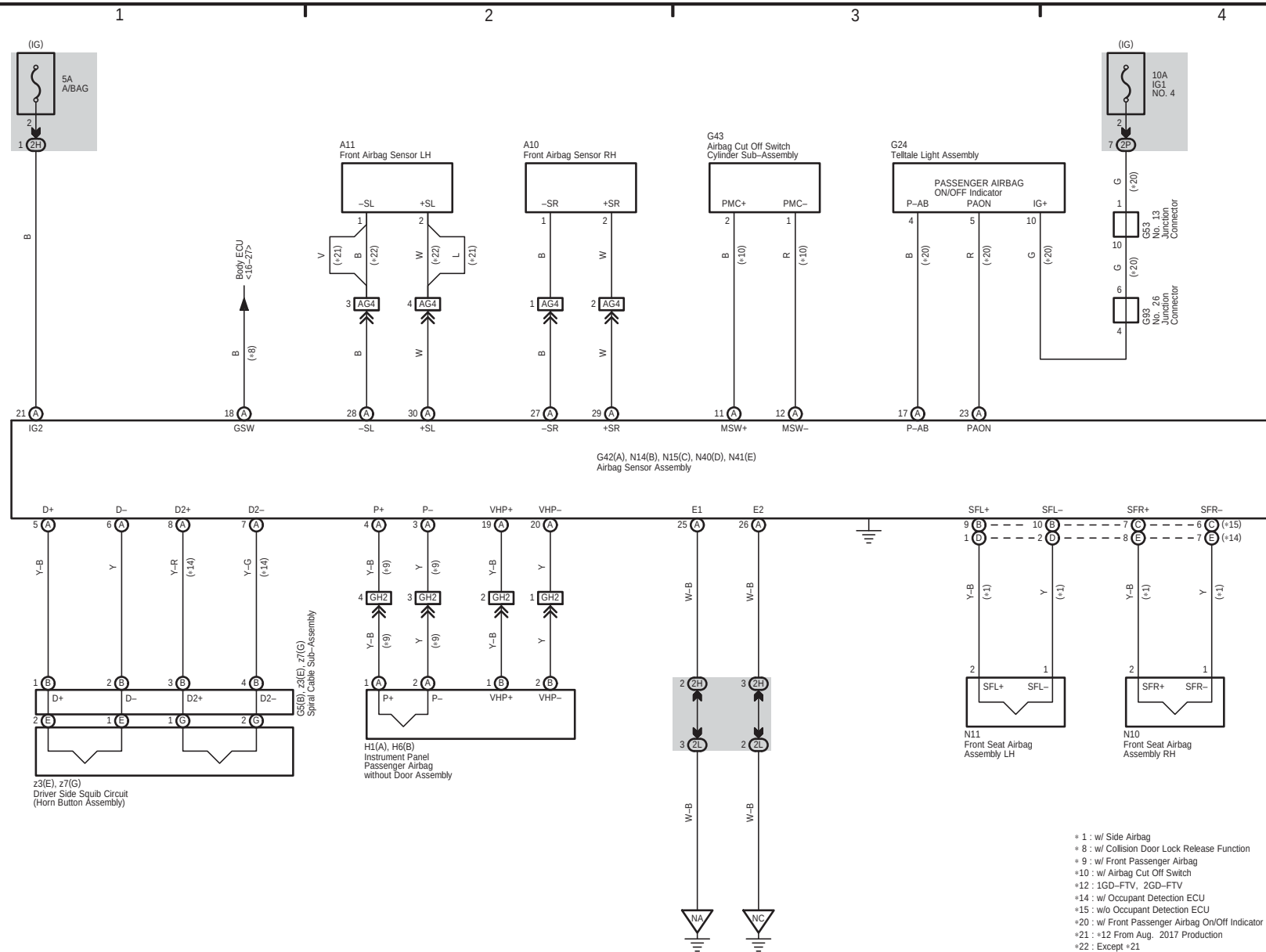


31 HILUX (Cont' d)

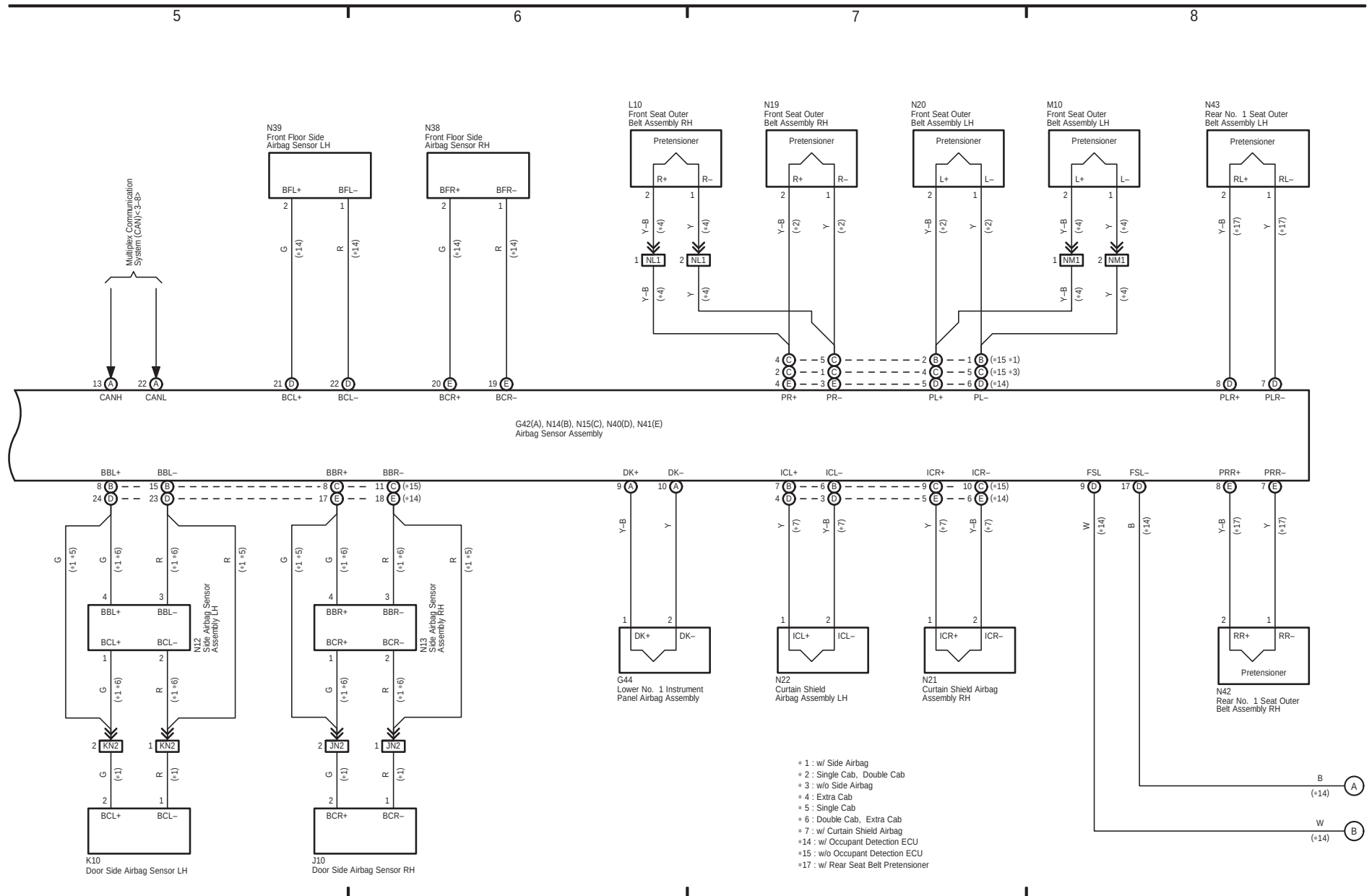
SRS (LHD)



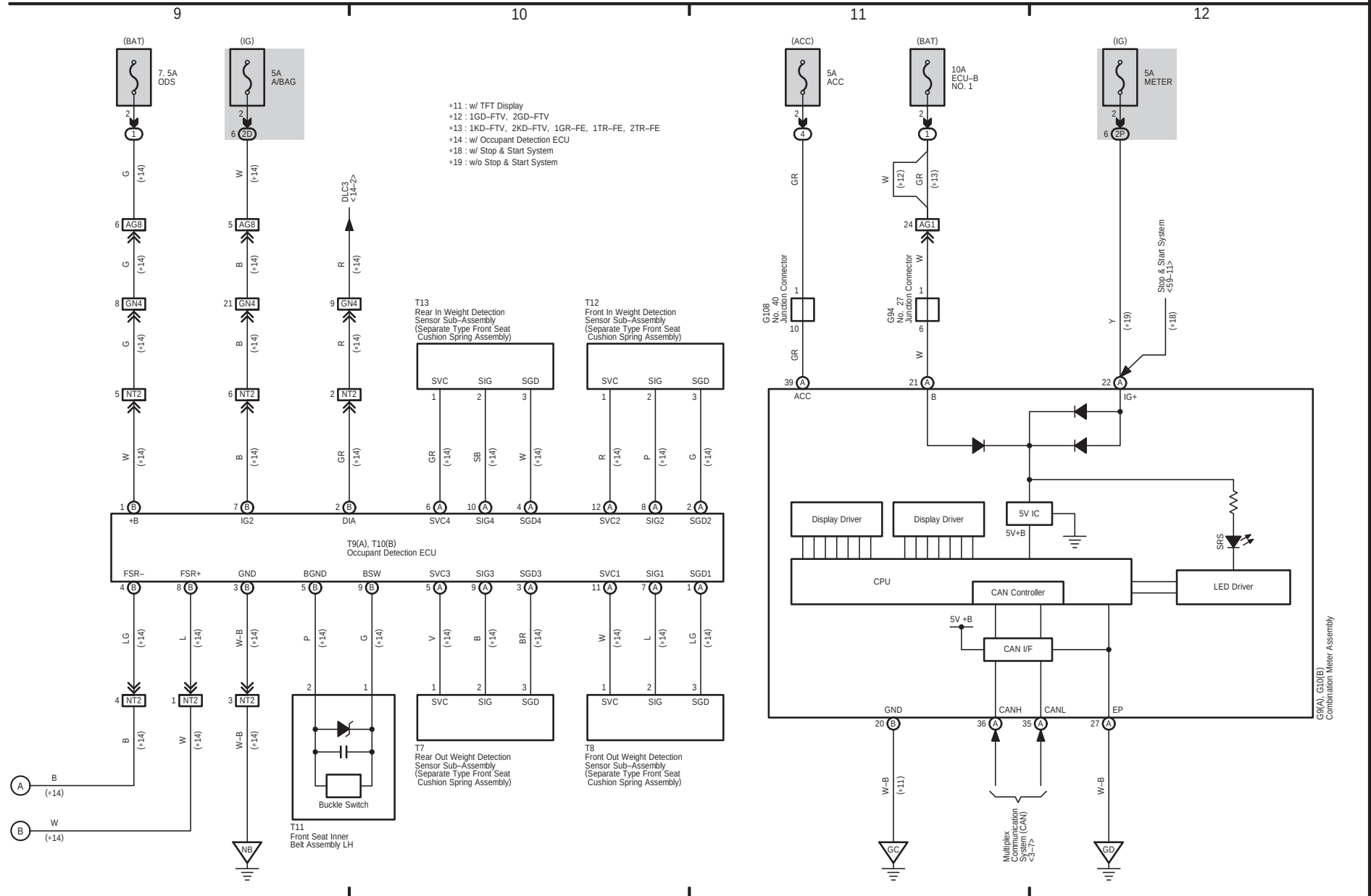
SRS (RHD)



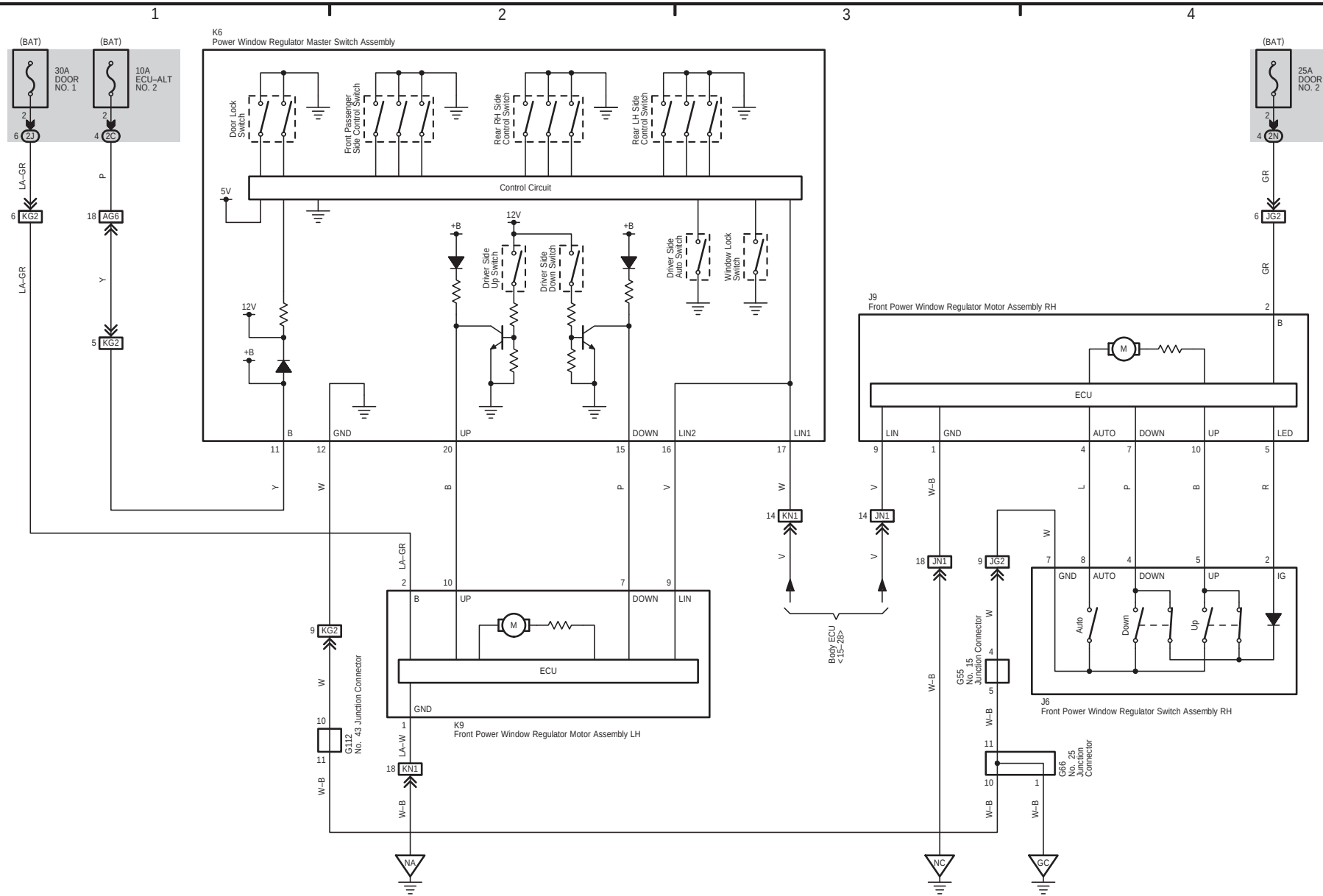
SRS (RHD)



SRS (RHD)



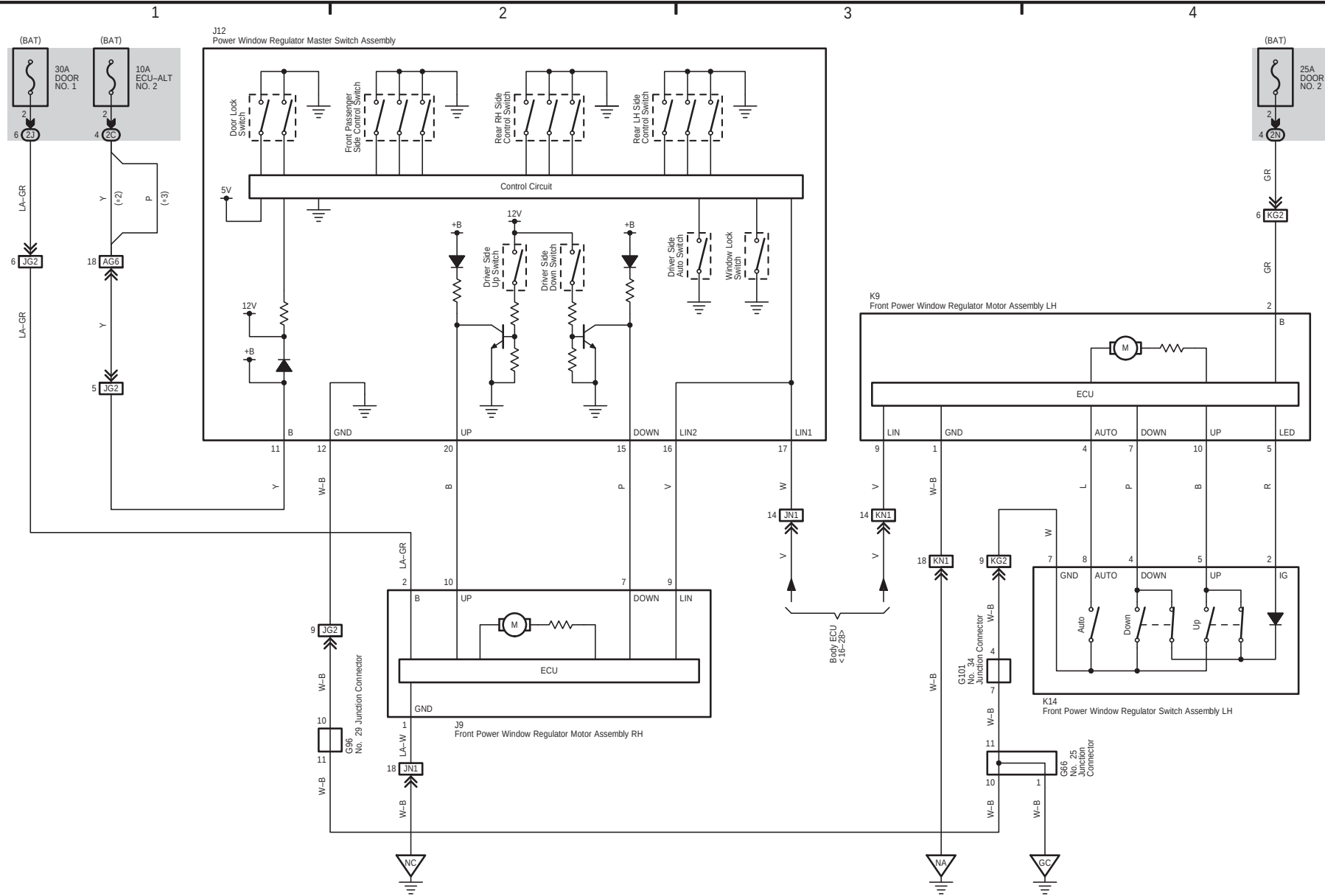
Power Window (LHD All Door Jam Protection)



The diagram shows the electrical connections for the Rear Power Window Regulator Motor Assembly. It includes the motor assembly (L4 for RH, M4 for LH), the switch assembly (L6 for RH, M6 for LH), and the junction connector (N31). The motor assembly contains an ECU and a motor. The switch assembly contains switches for Auto, Down, Up, and IG. The junction connector connects the motor assembly to the switch assembly. The diagram also shows the connection to the battery (BAT) and the door lock (25A DOOR R/R or L/L).

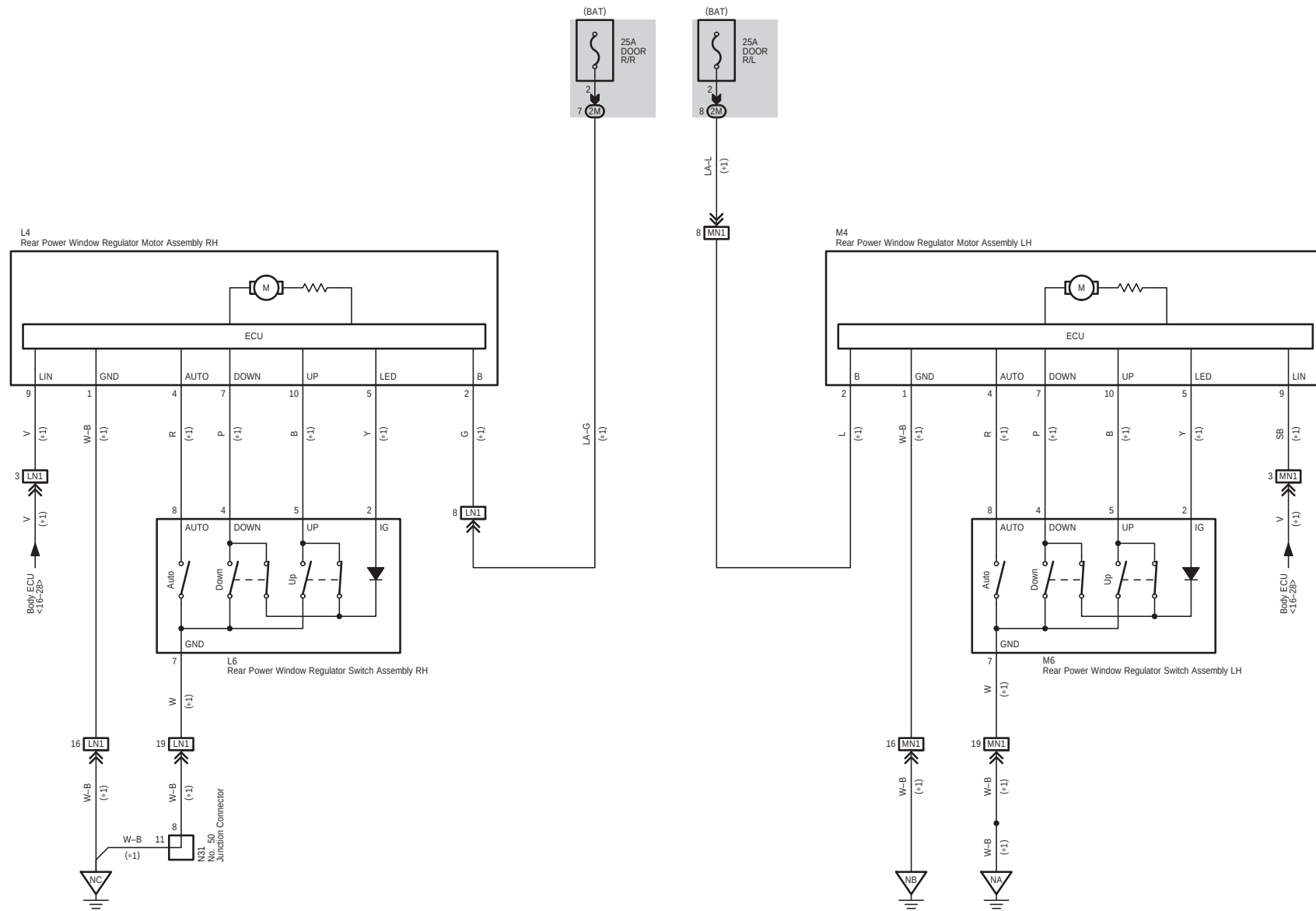
Power Window (RHD All Door Jam Protection)

* 2 : 1GD-FTV
 * 3 : 1KD-FTV, 2KD-FTV, 1GR-FE



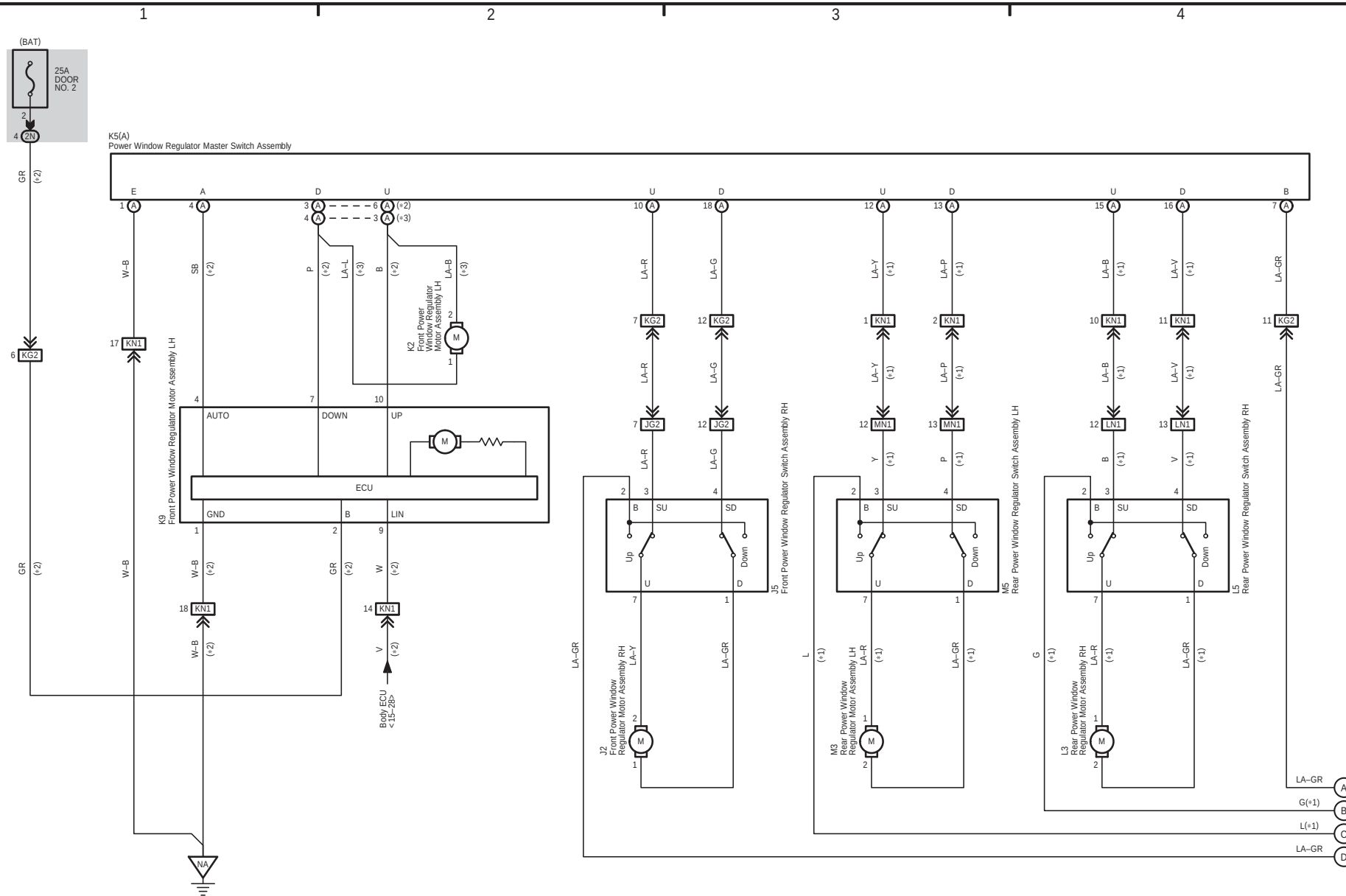
Power Window (RHD All Door Jam Protection)

* 1 : Double Cab



Power Window (LHD Driver's Door Only Jam Protection, LHD w/o Jam Protection)

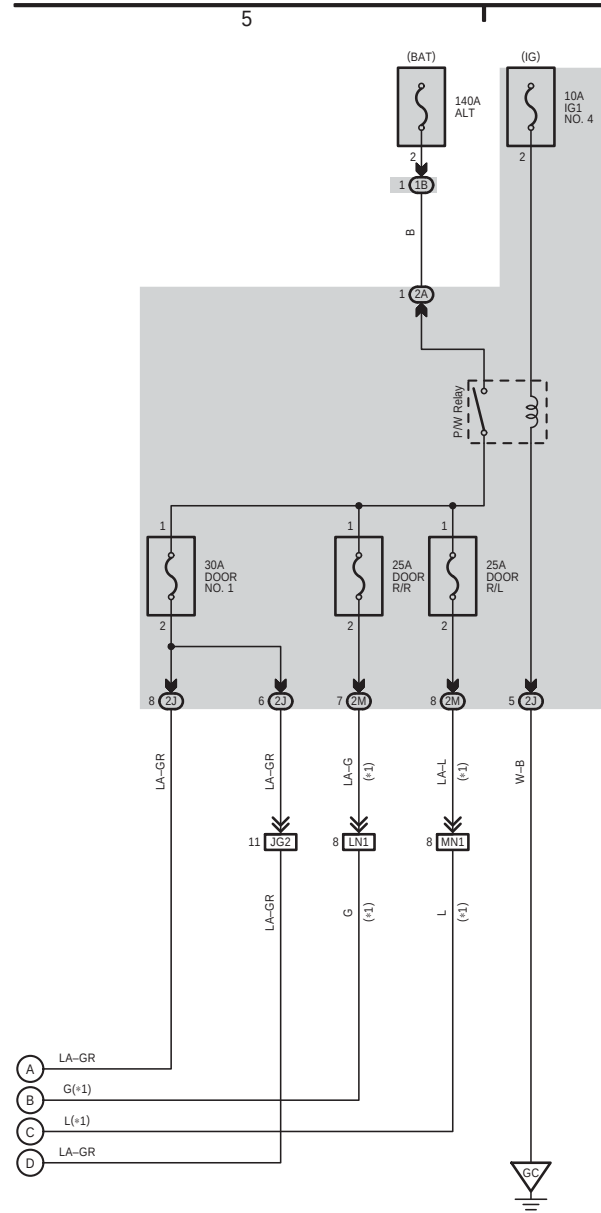
- * 1 : Double Cab
- * 2 : w/ Jam Protection
- * 3 : w/o Jam Protection



35 HILUX (Cont' d)

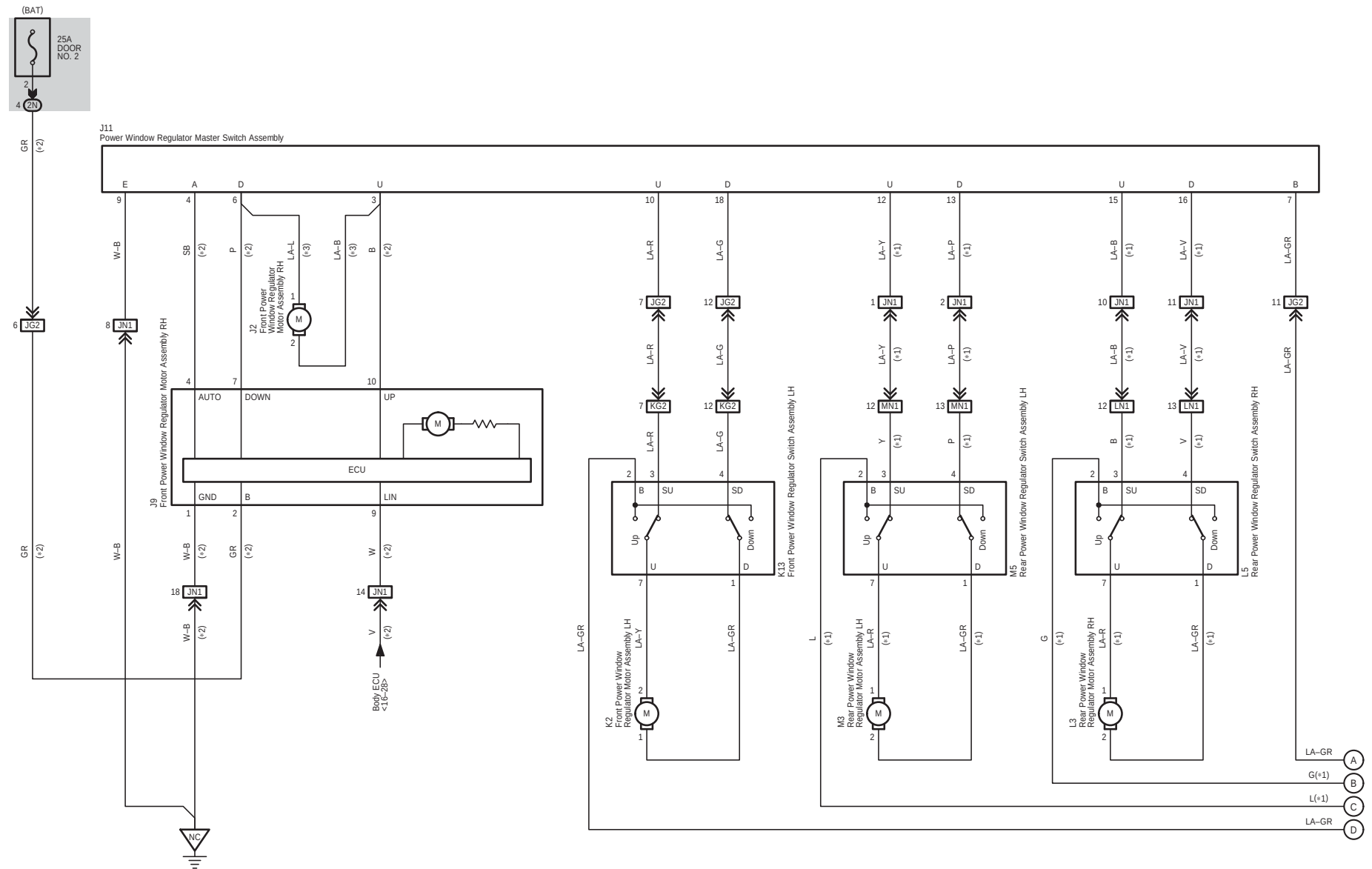
Power Window (LHD Driver' s Door Only Jam Protection, LHD w/o Jam Protection)

* 1 : Double Cab

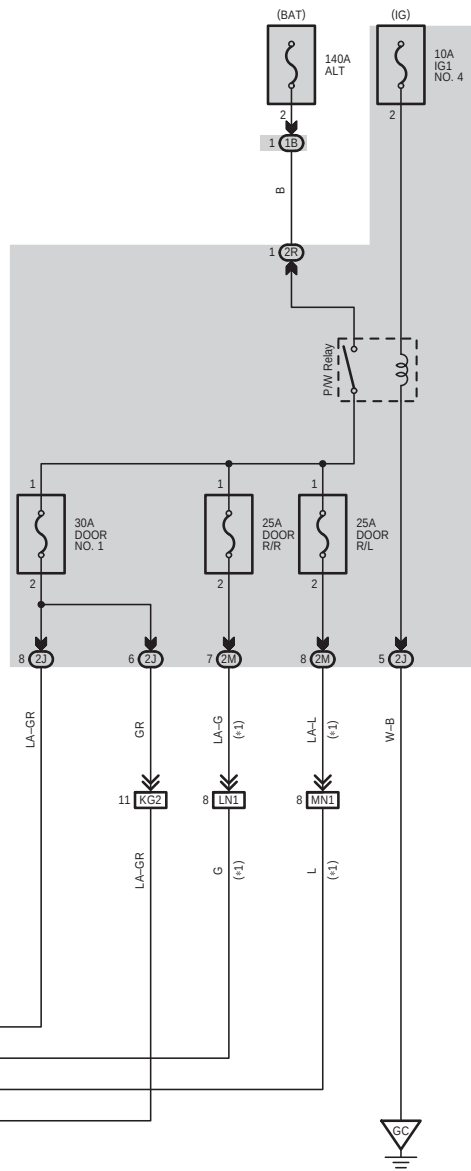


Power Window (RHD Driver's Door Only Jam Protection, RHD w/o Jam Protection)

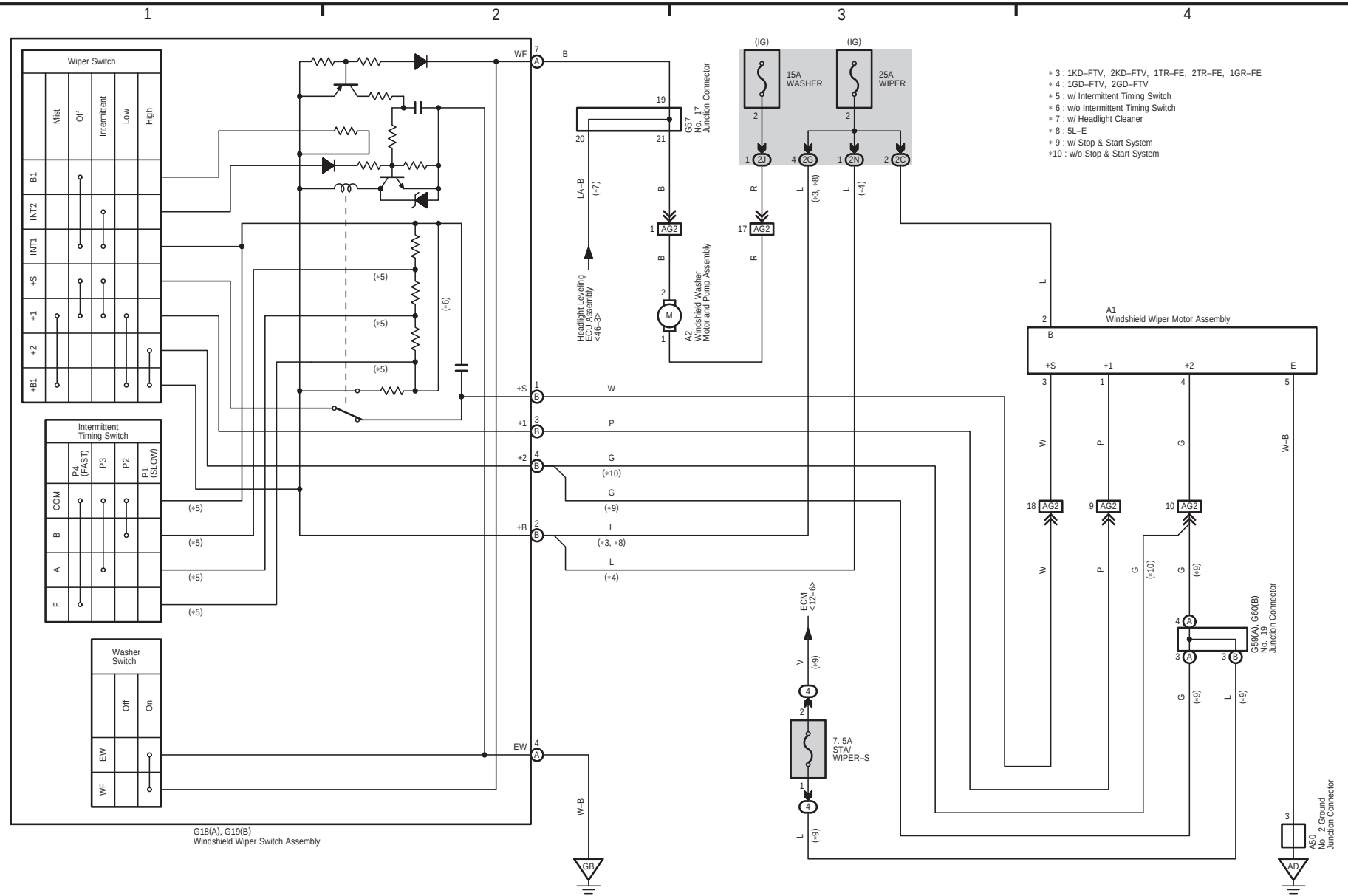
- * 1 : Double Cab
- * 2 : w/ Jam Protection
- * 3 : w/o Jam Protection



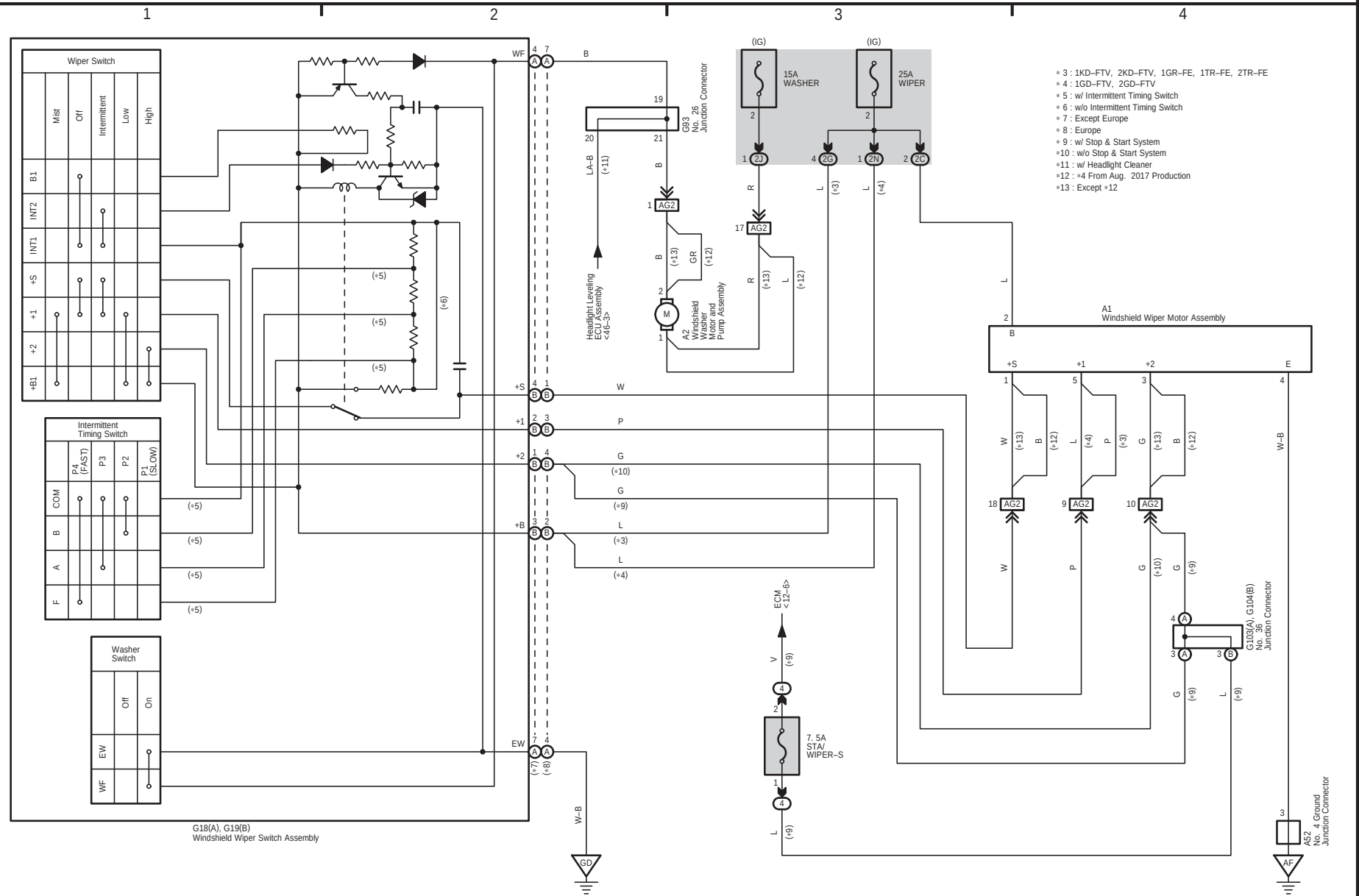
* 1 : Double Cab



Front Wiper and Washer (LHD)

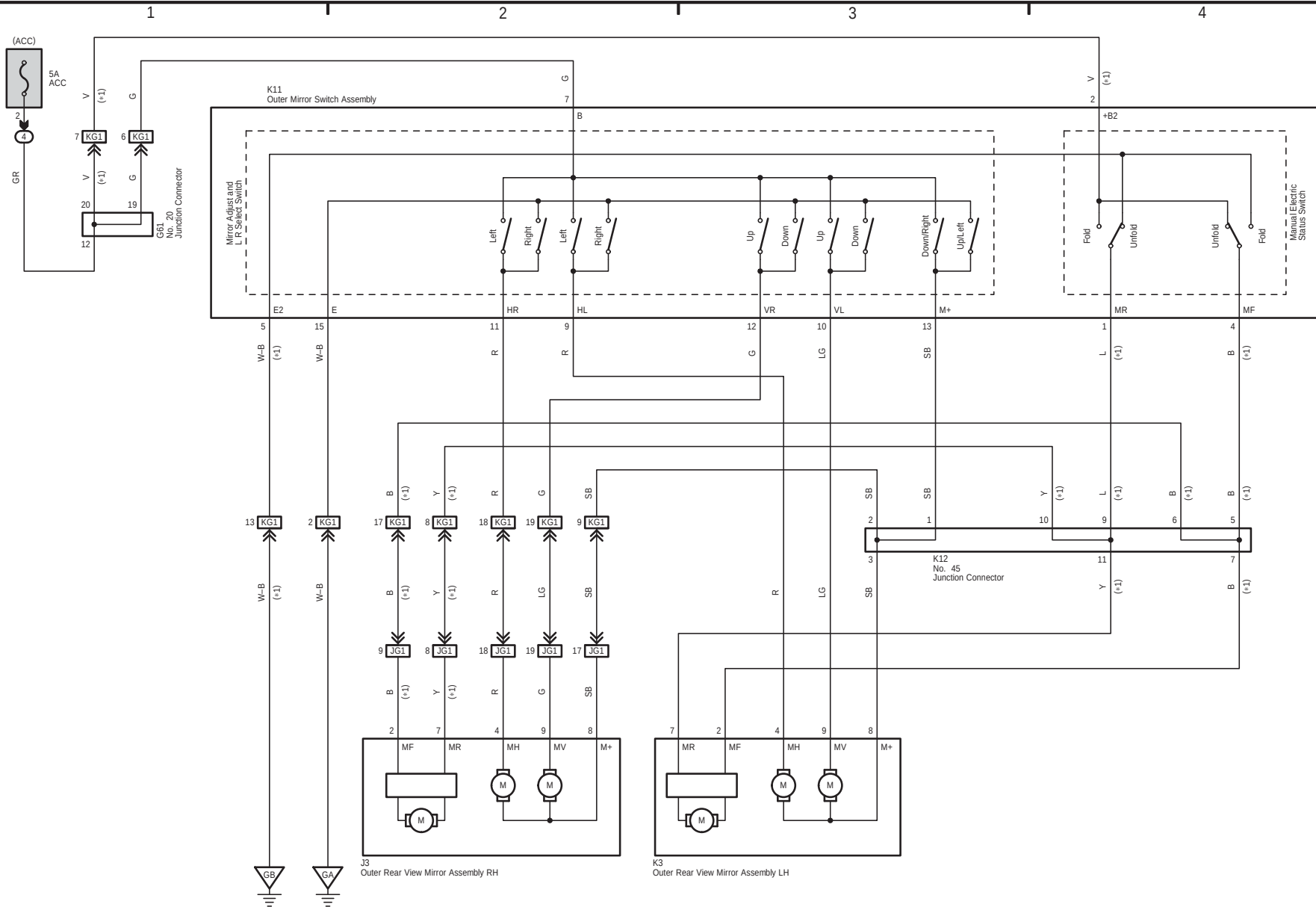


Front Wiper and Washer (RHD)



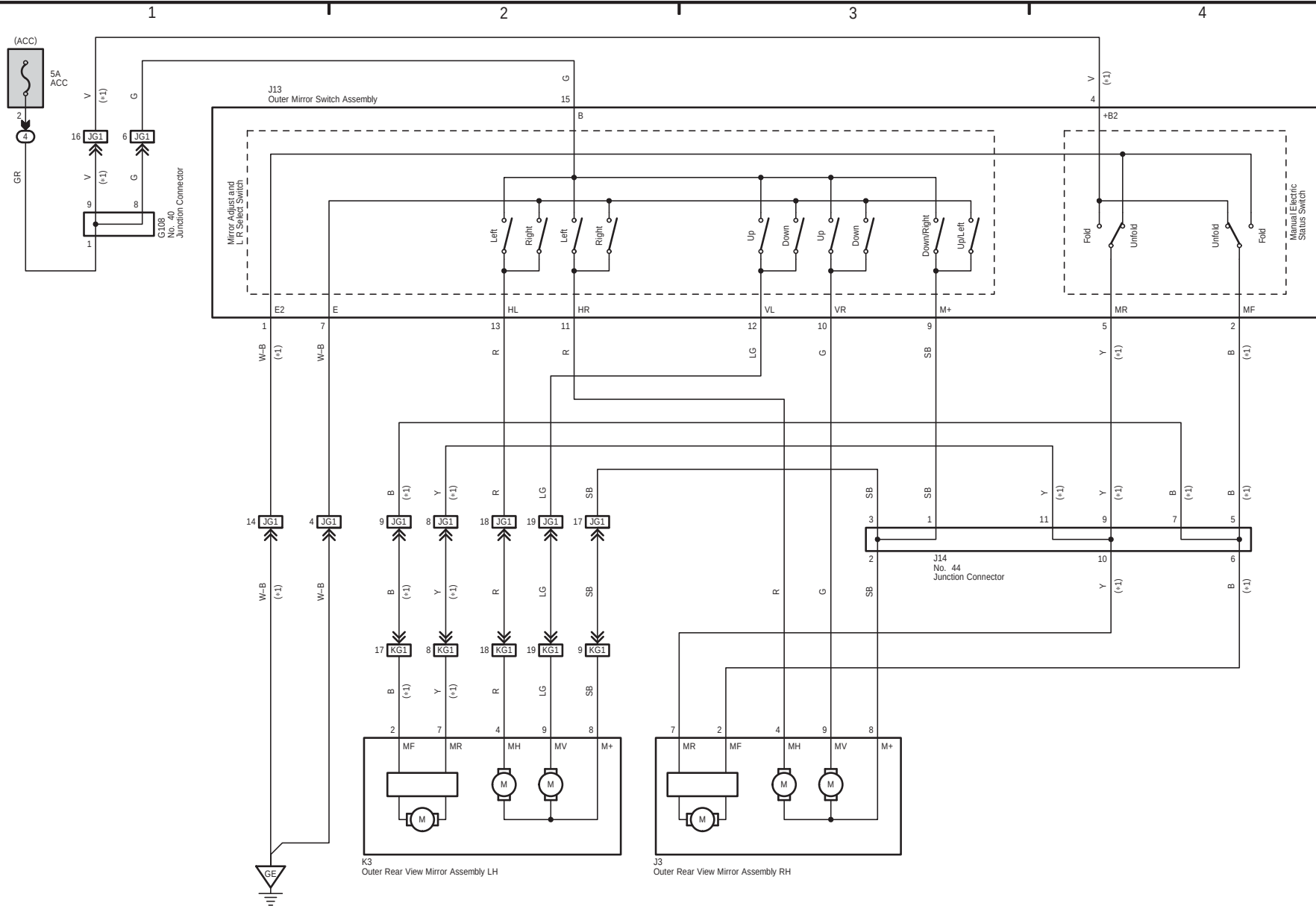
Remote Control Mirror (LHD)

* 1 : w/ Retractor



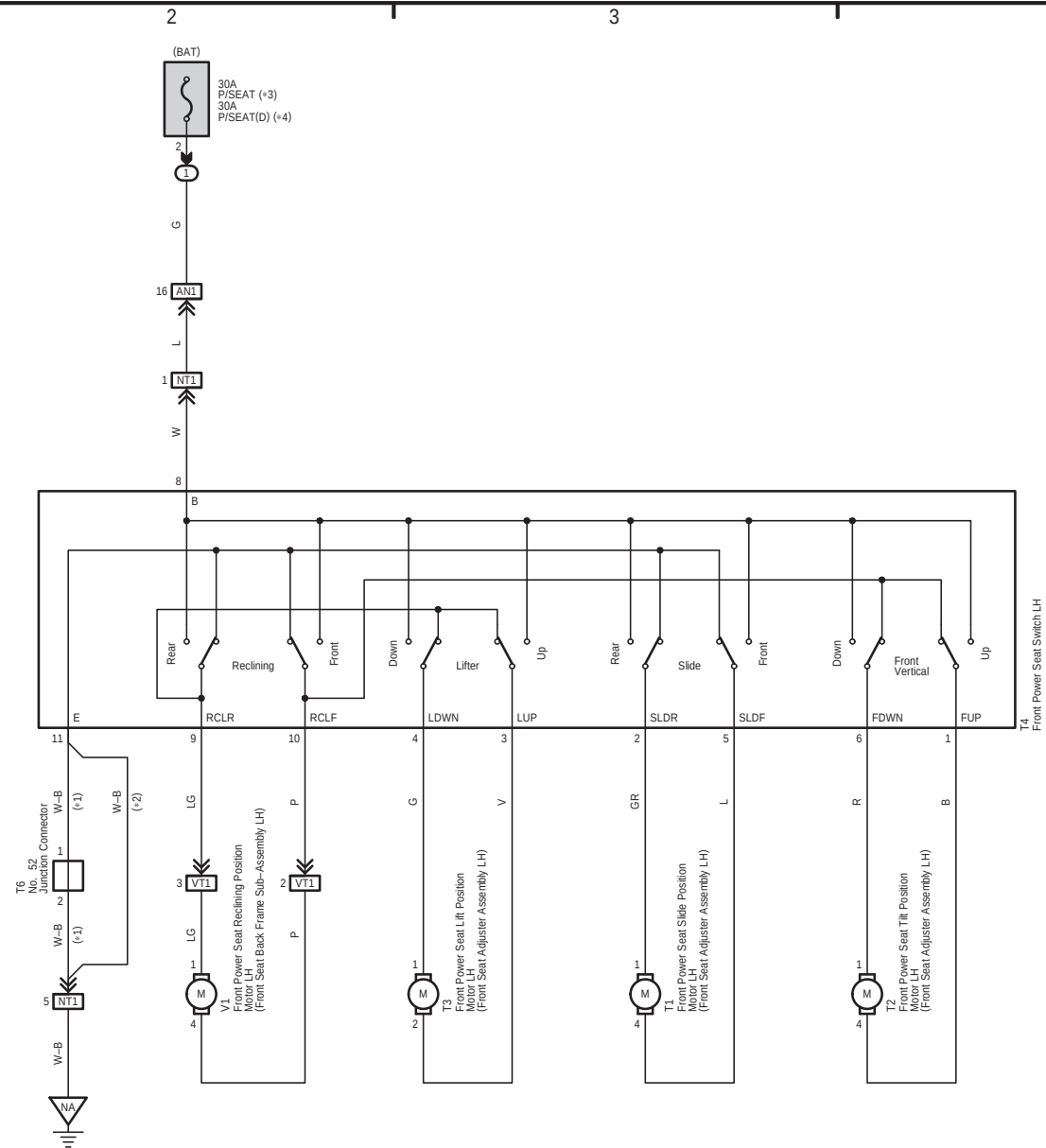
Remote Control Mirror (RHD)

* 1 : w/ Retractor

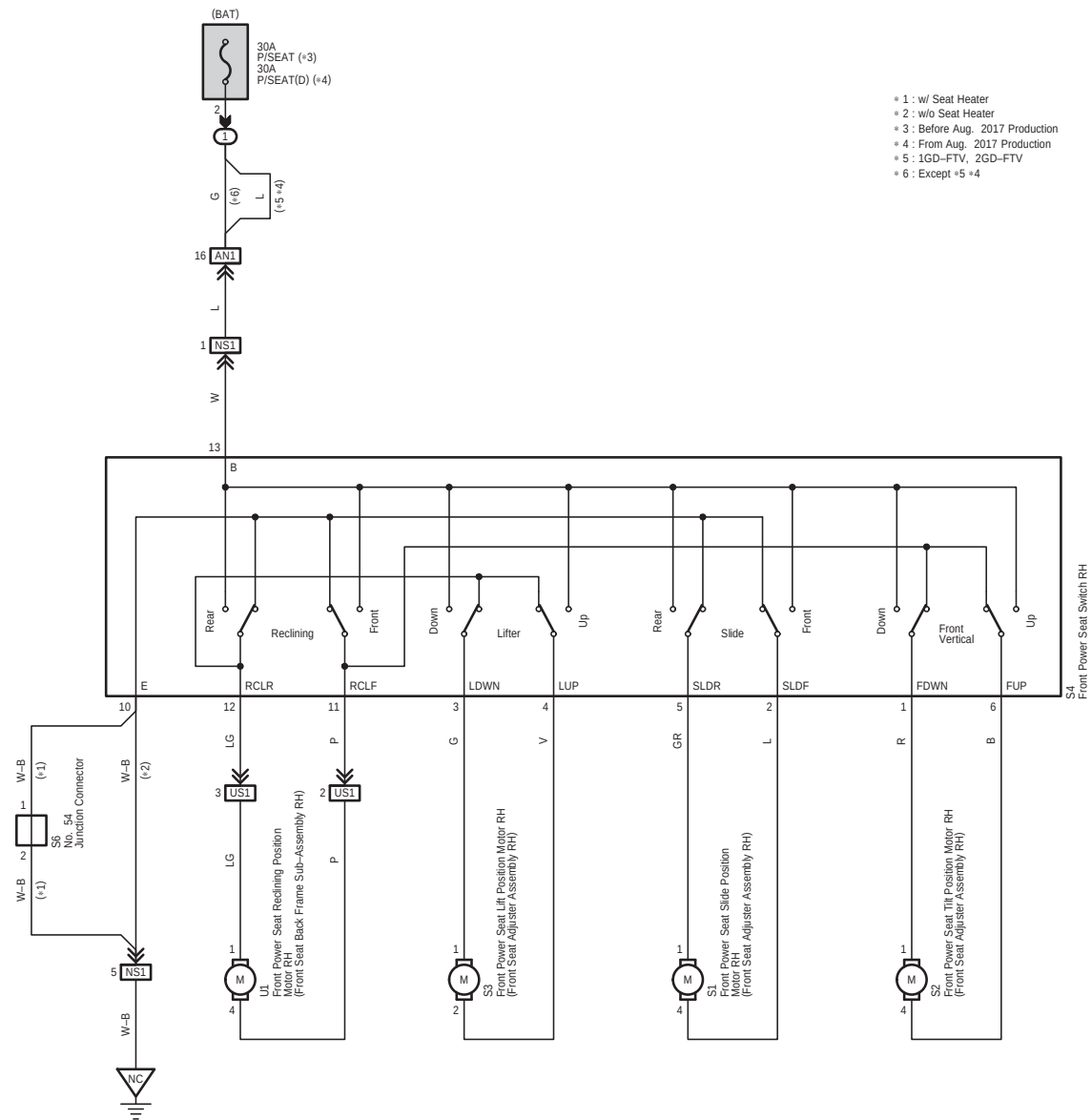


Power Seat (LHD)

- * 1 : w/ Seat Heater
- * 2 : w/o Seat Heater
- * 3 : Before Aug. 2017 Production
- * 4 : From Aug. 2017 Production



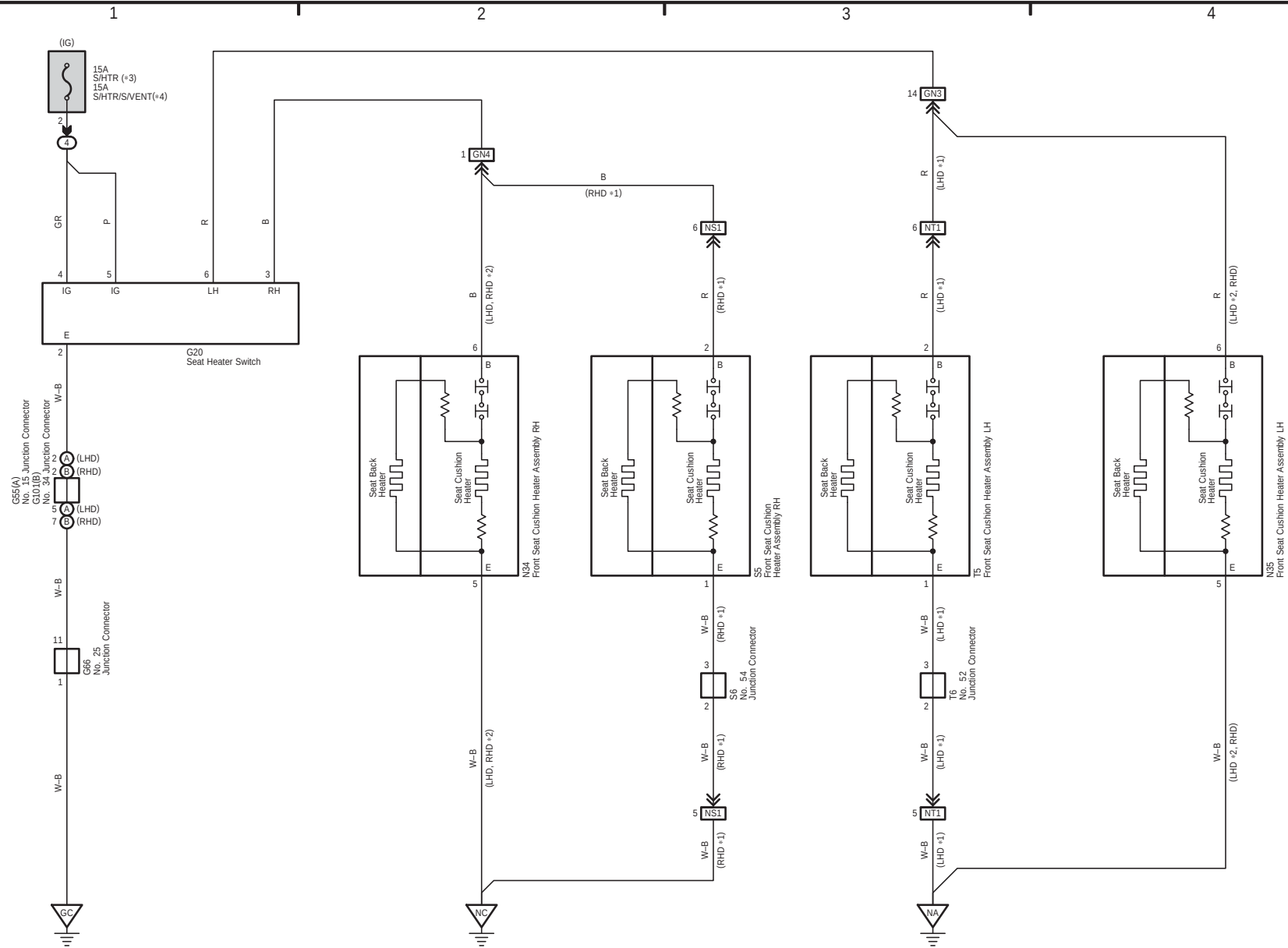
Power Seat (RHD)



- * 1 : w/ Seat Heater
- * 2 : w/o Seat Heater
- * 3 : Before Aug. 2017 Production
- * 4 : From Aug. 2017 Production
- * 5 : 1GD-FTV, 2GD-FTV
- * 6 : Except +5 +4

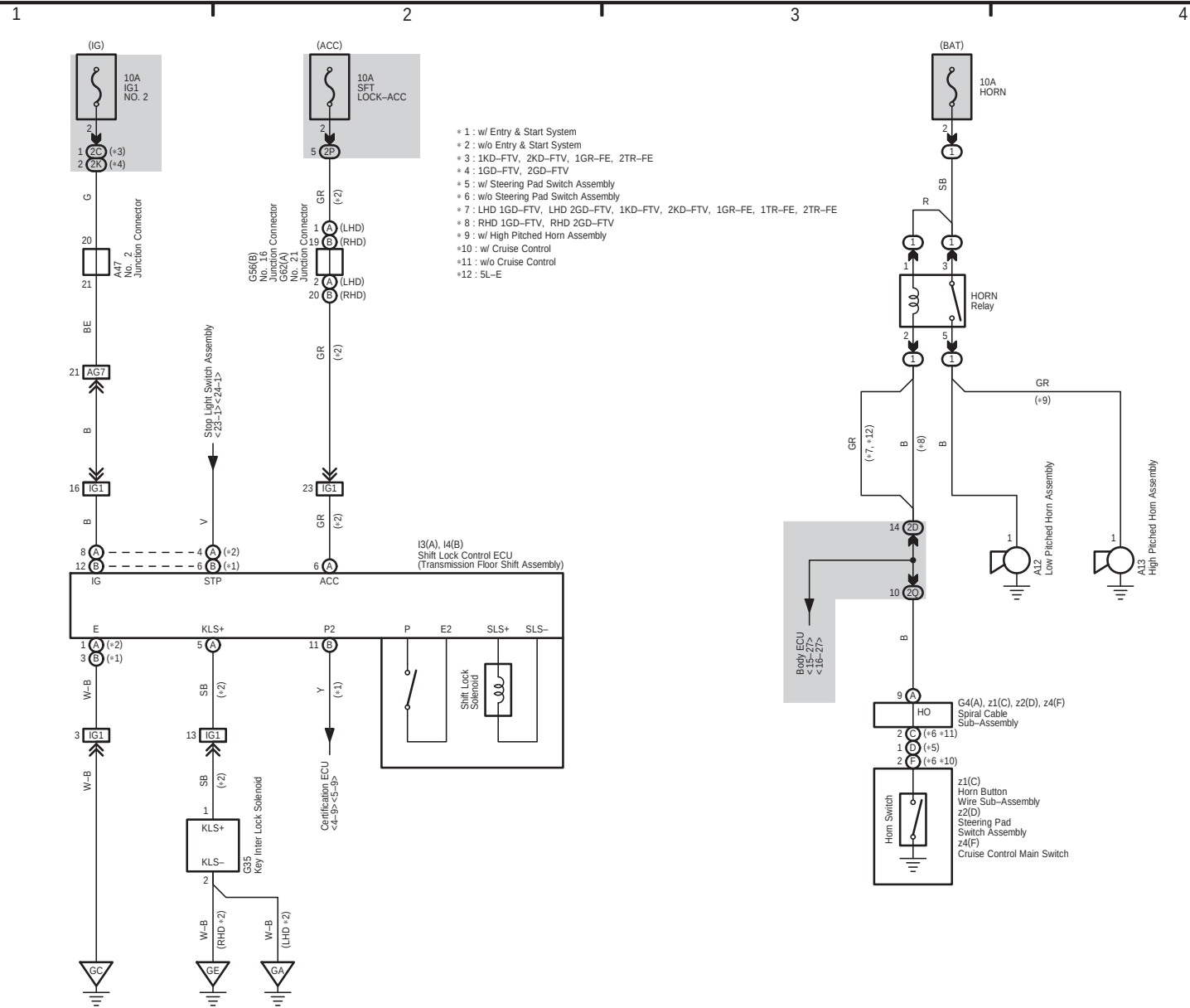
Seat Heater

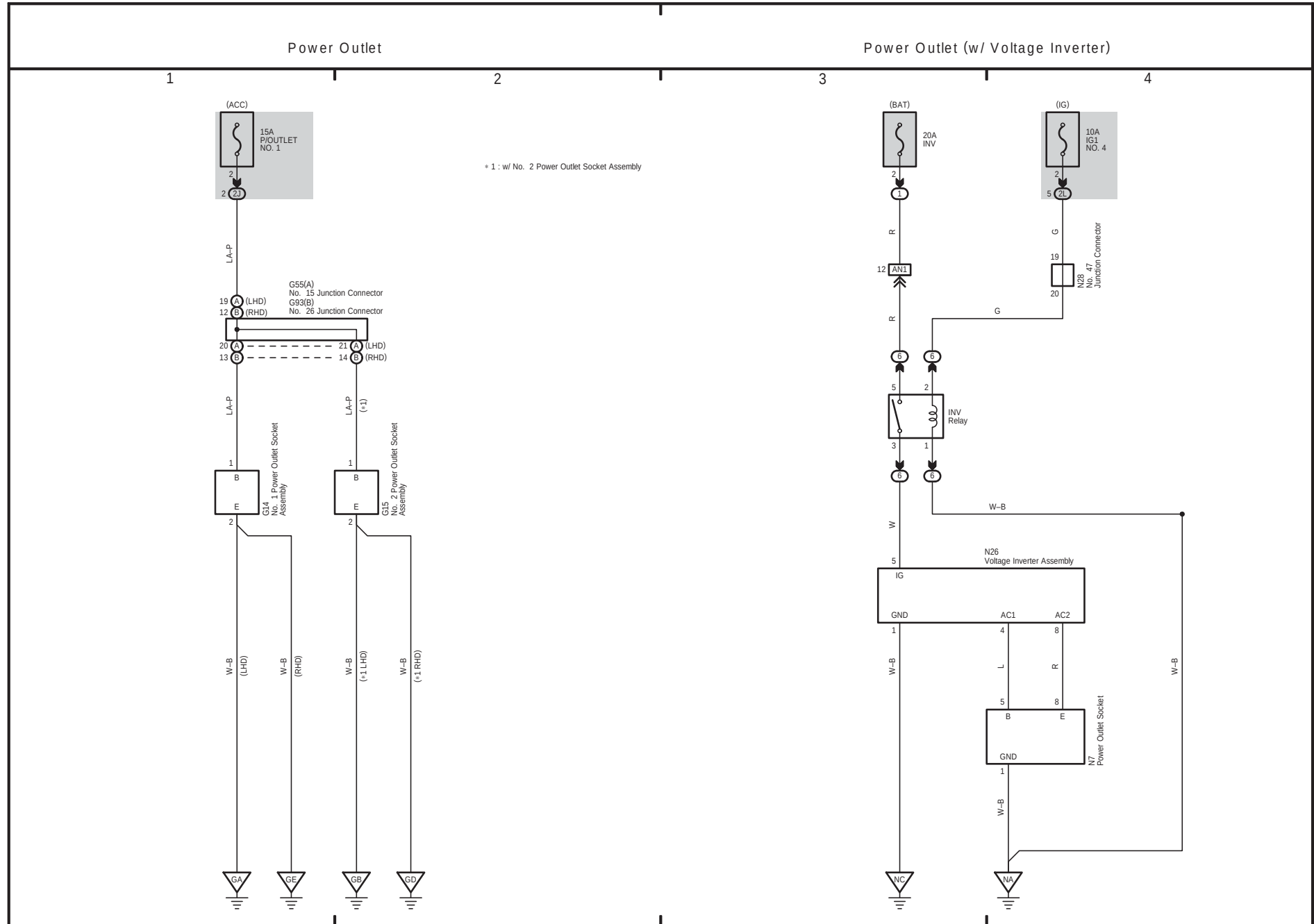
- * 1 : w/ Power Seat
- * 2 : w/o Power Seat
- * 3 : Before Aug. 2017 Production
- * 4 : From Aug. 2017 Production



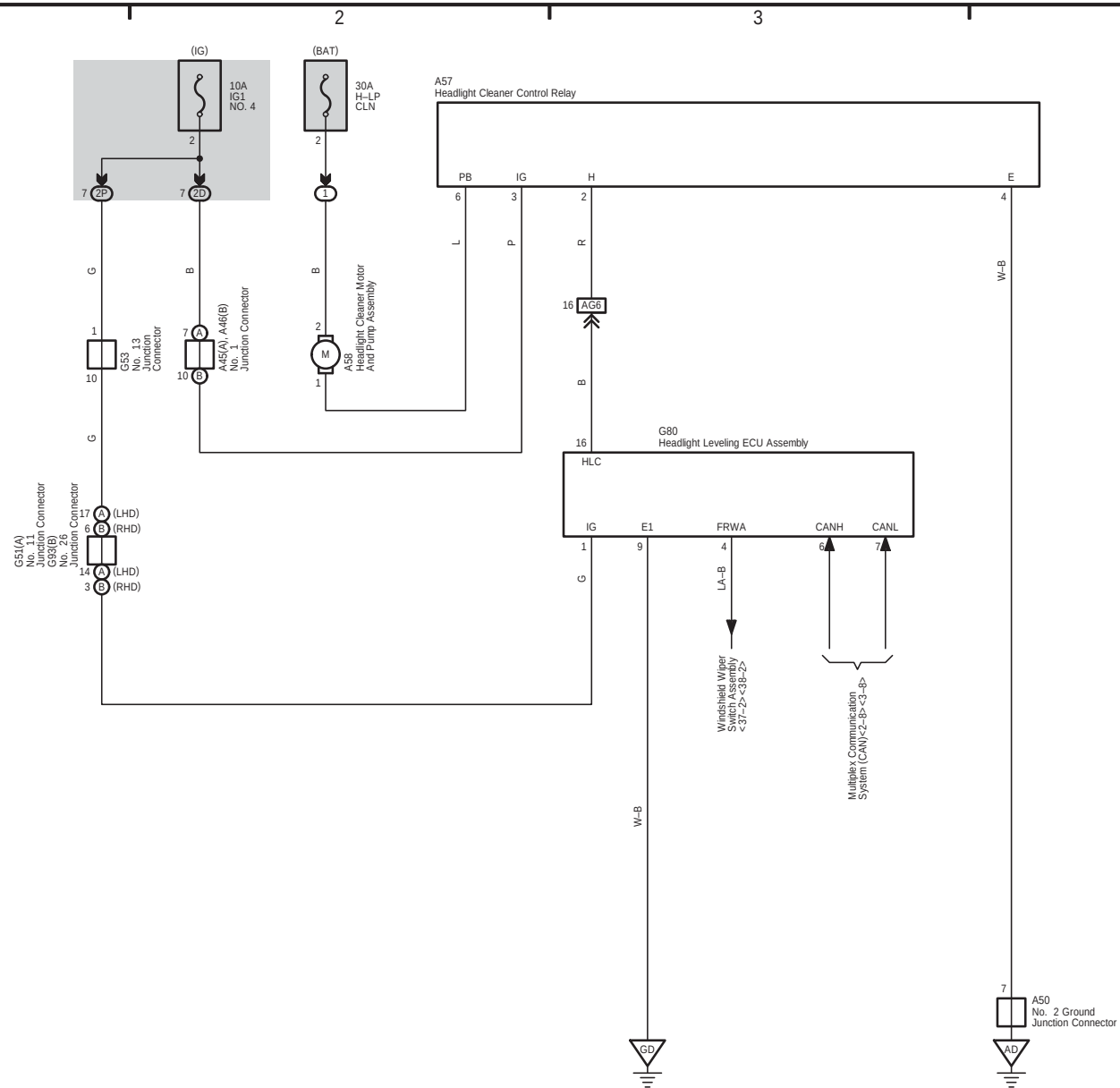
Shift Lock

Horn



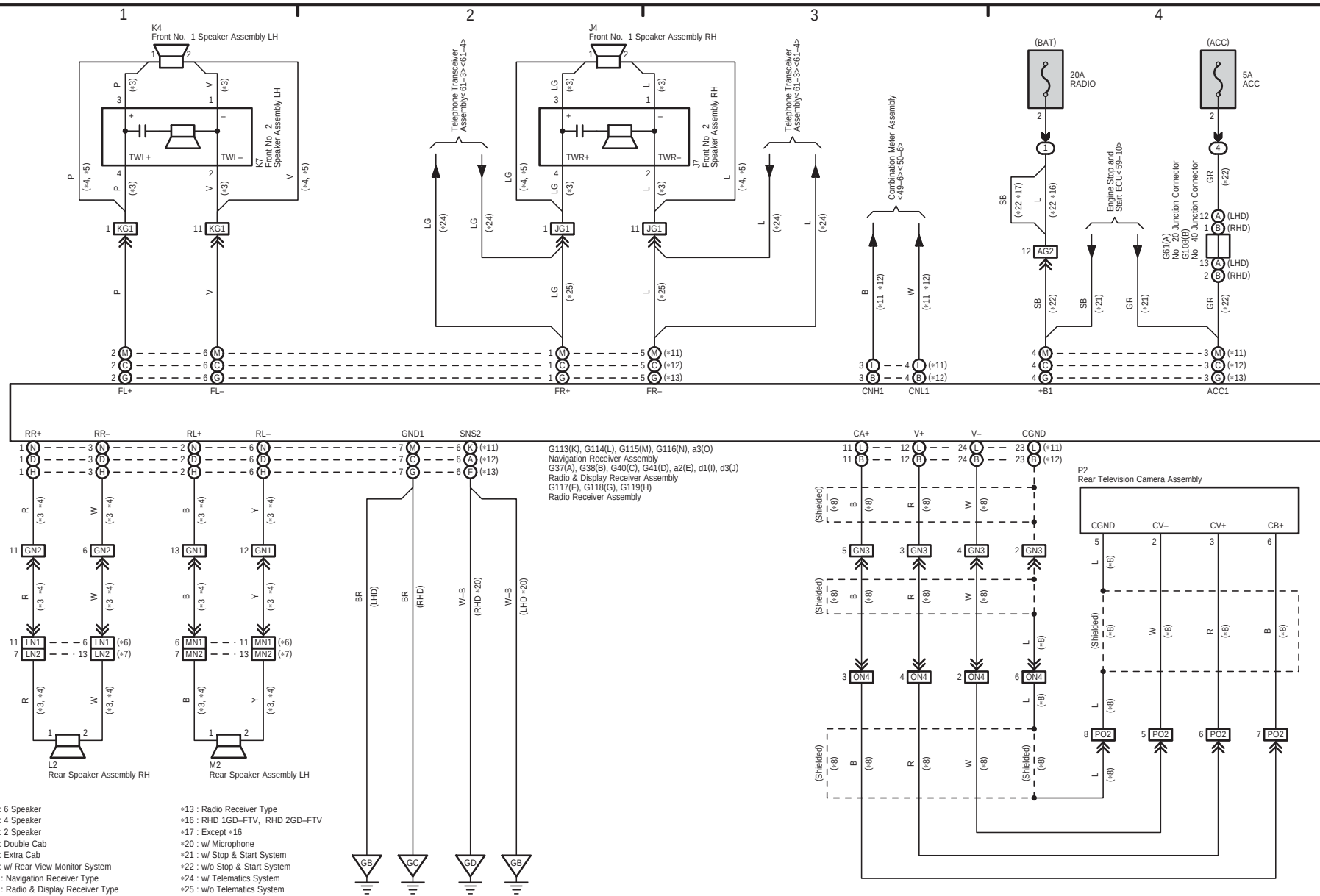


Headlight Cleaner





Audio System, Navigation System, Rear View Monitor System

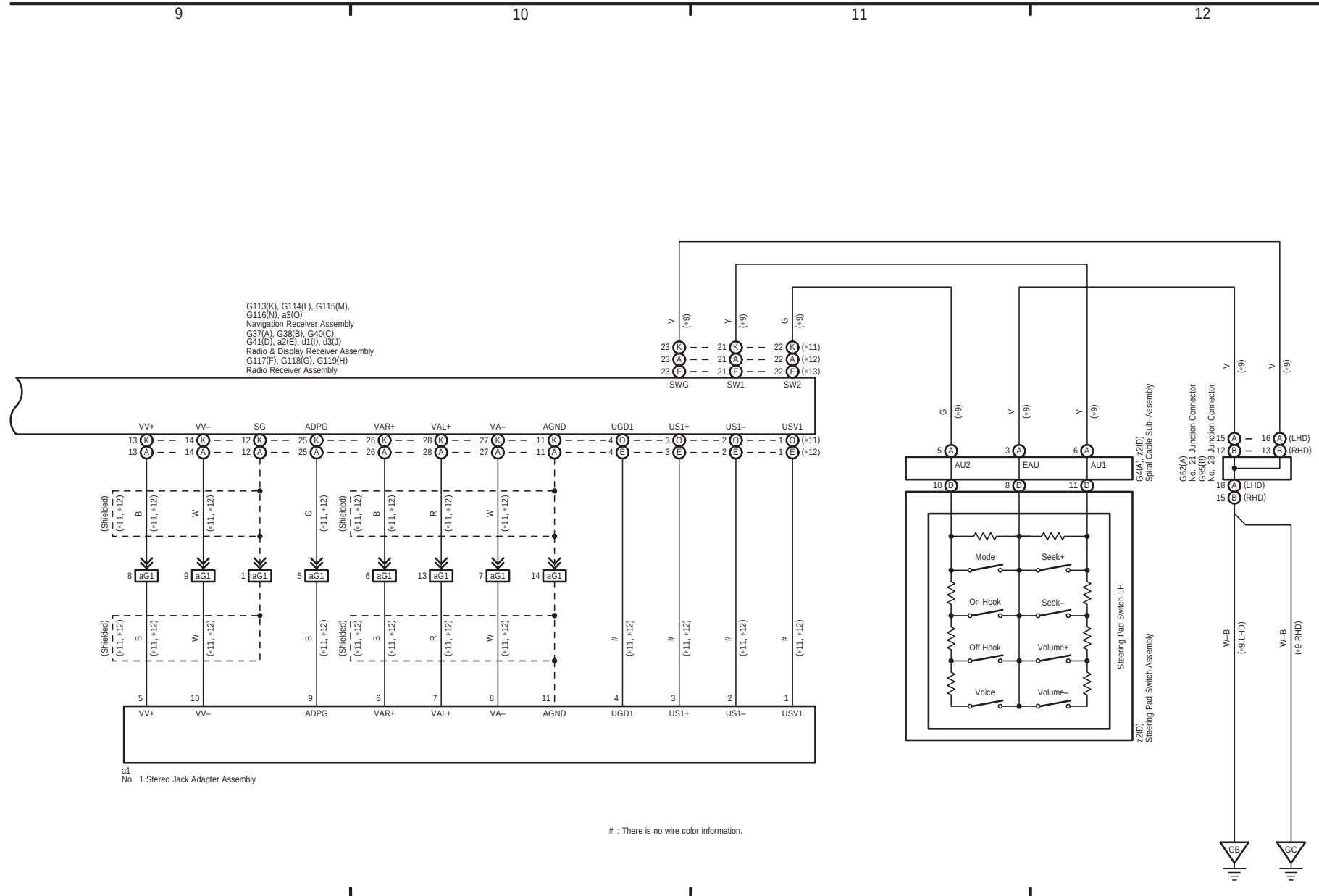


Audio System, Navigation System, Rear View Monitor System

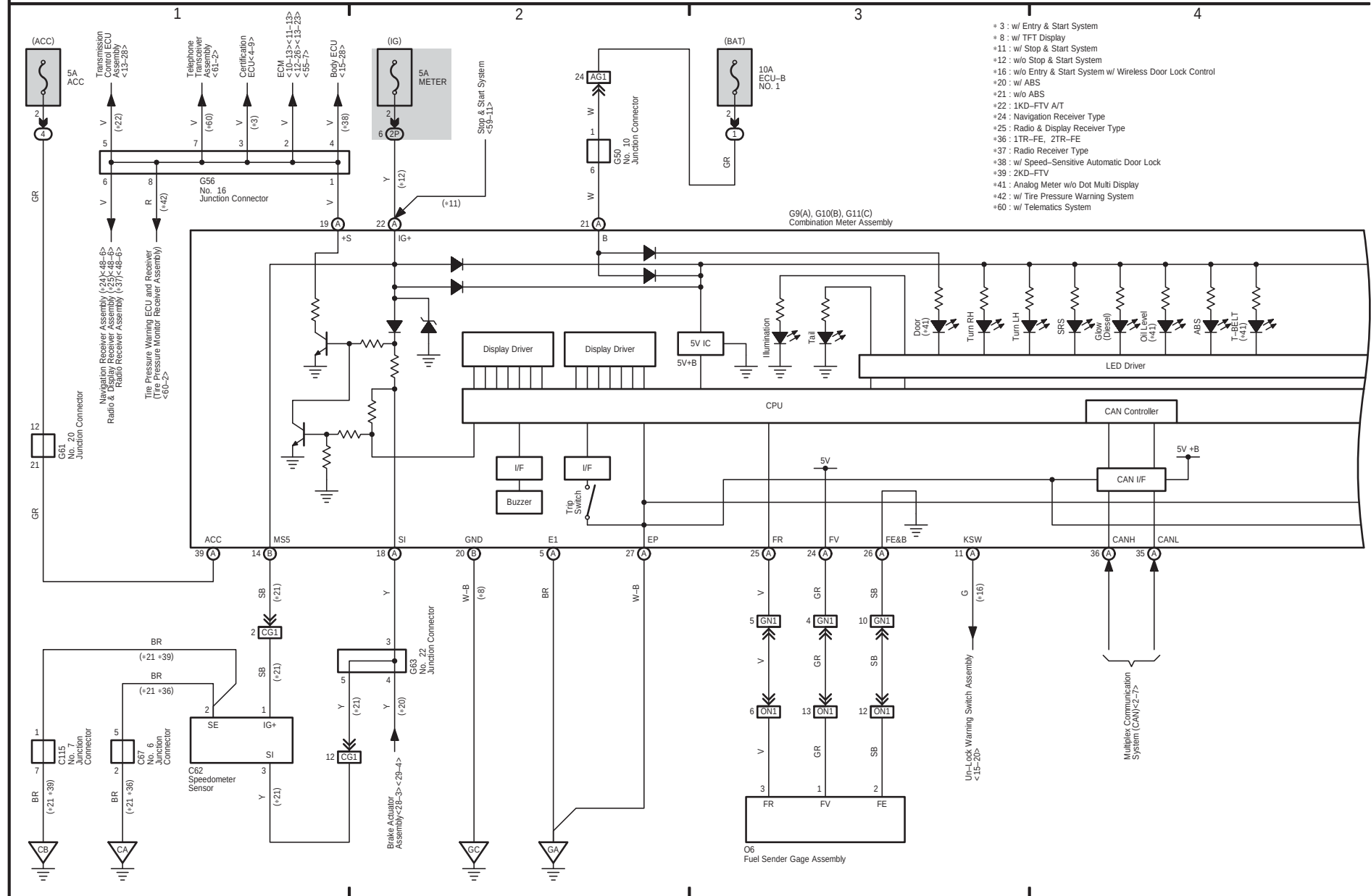


Audio System, Navigation System, Rear View Monitor System

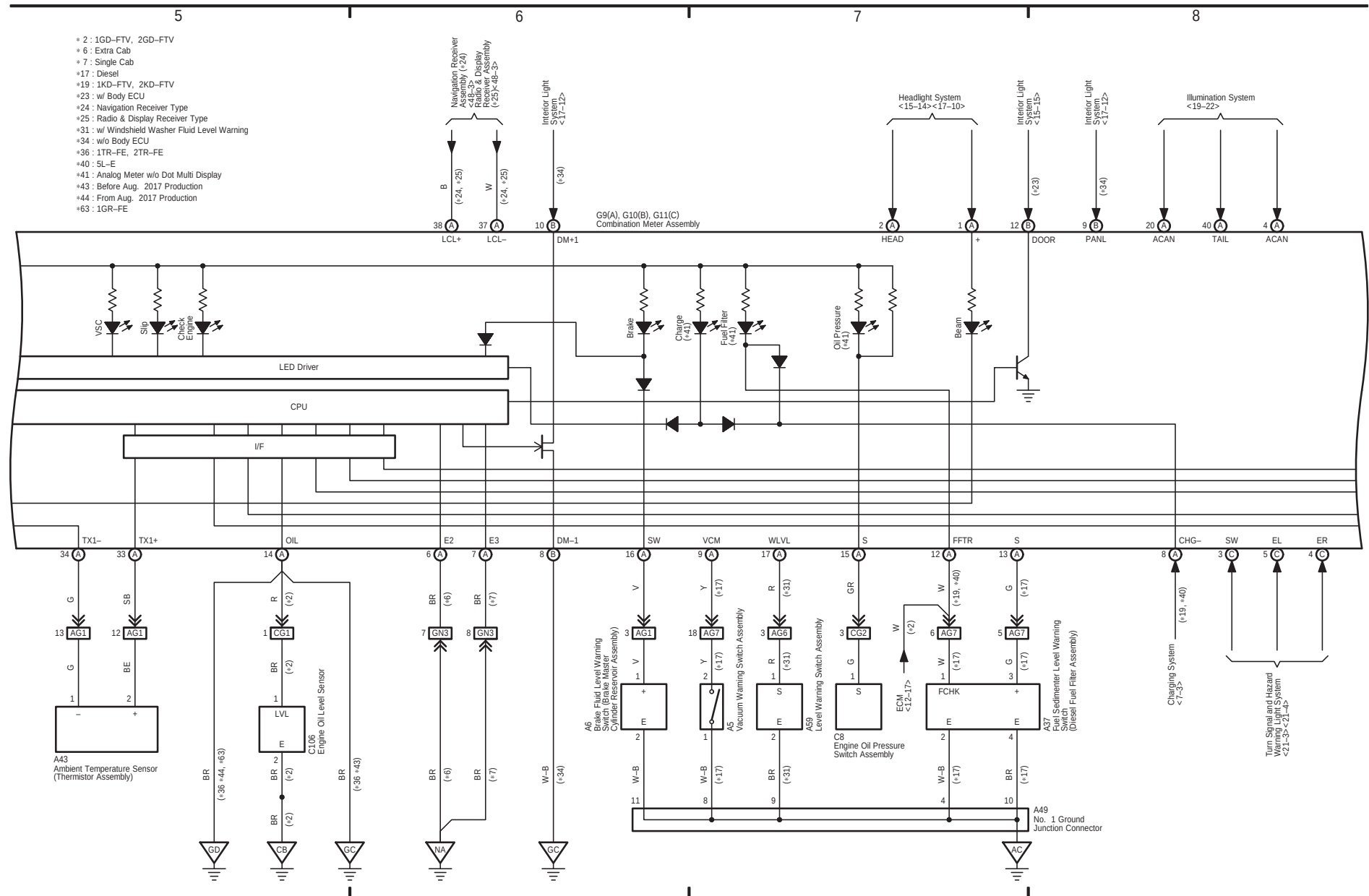
* 9 : w/ Steering Pad Switch Assembly
 *11 : Navigation Receiver Type
 *12 : Radio & Display Receiver Type
 *13 : Radio Receiver Type



Combination Meter (LHD)

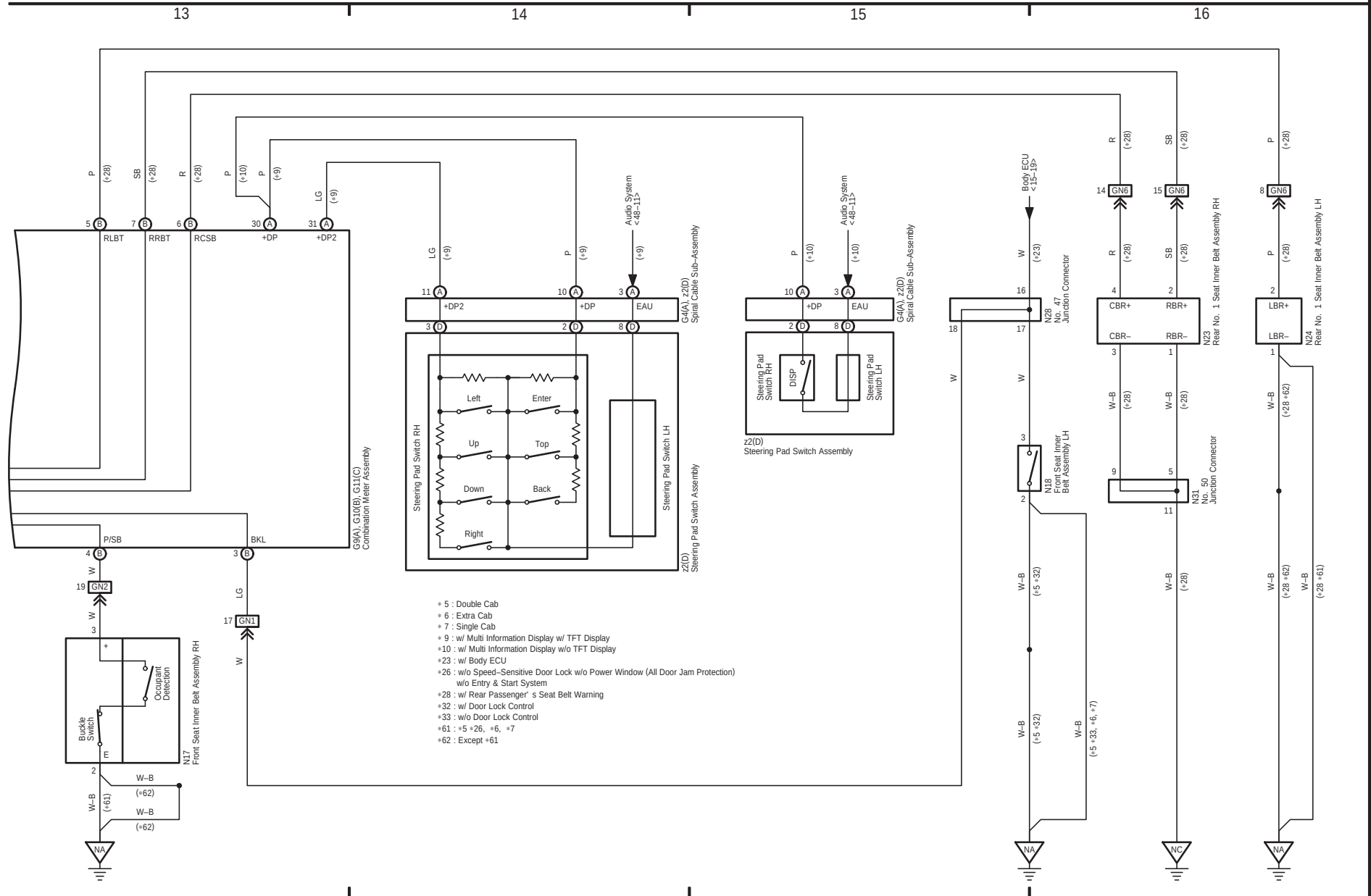


Combination Meter (LHD)



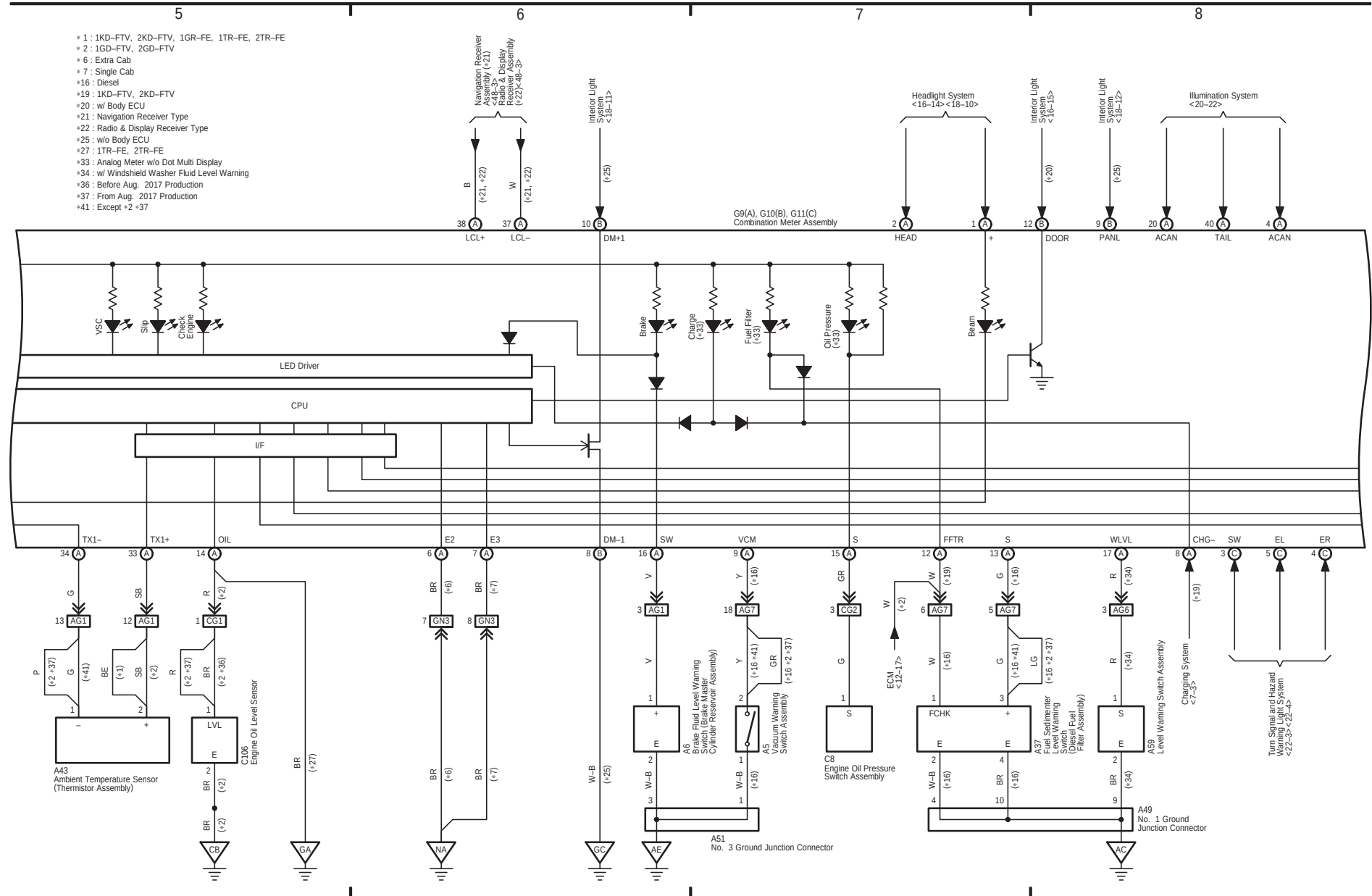


Seat Belt Warning (LHD)



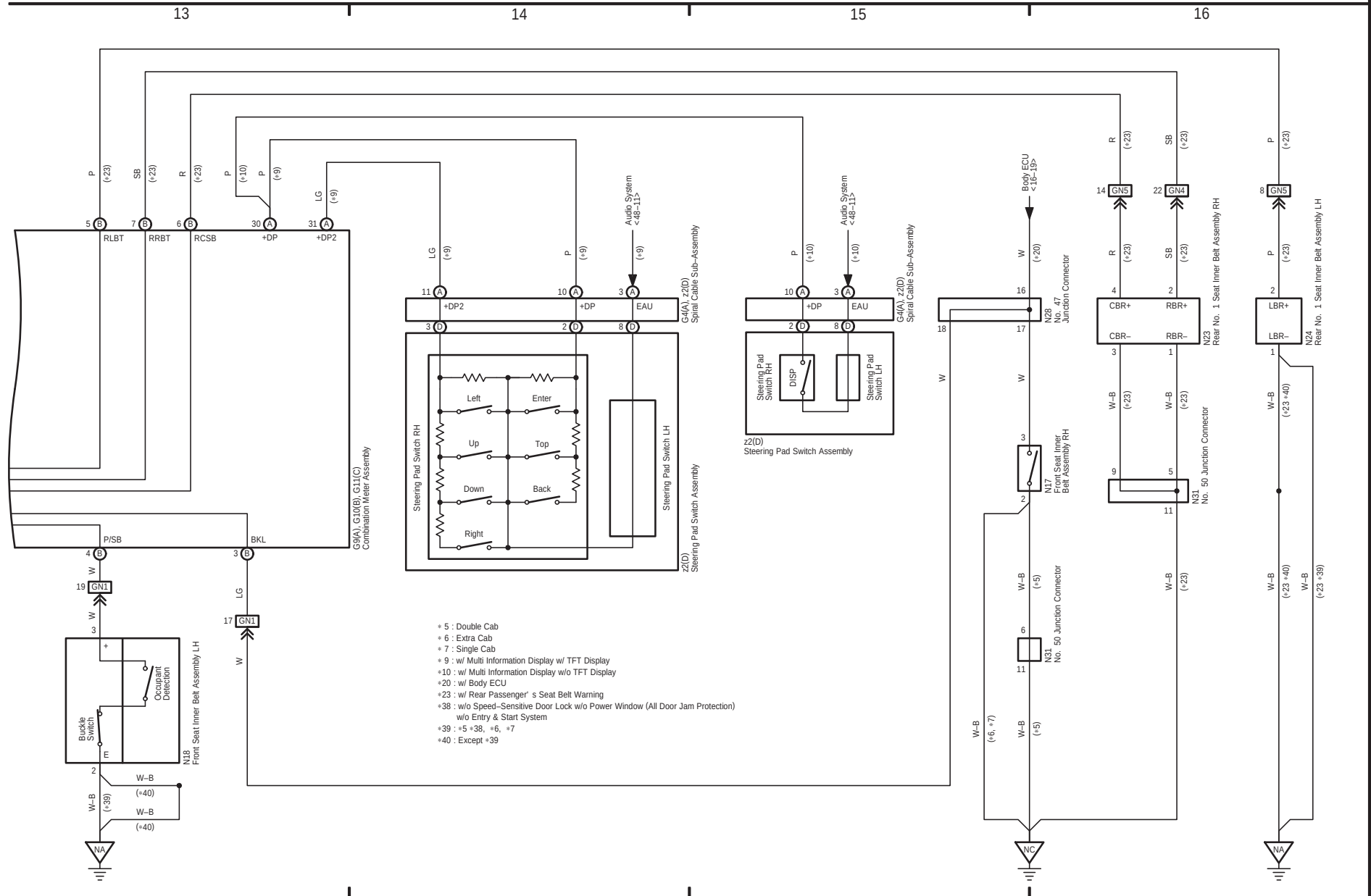


Combination Meter (RHD)

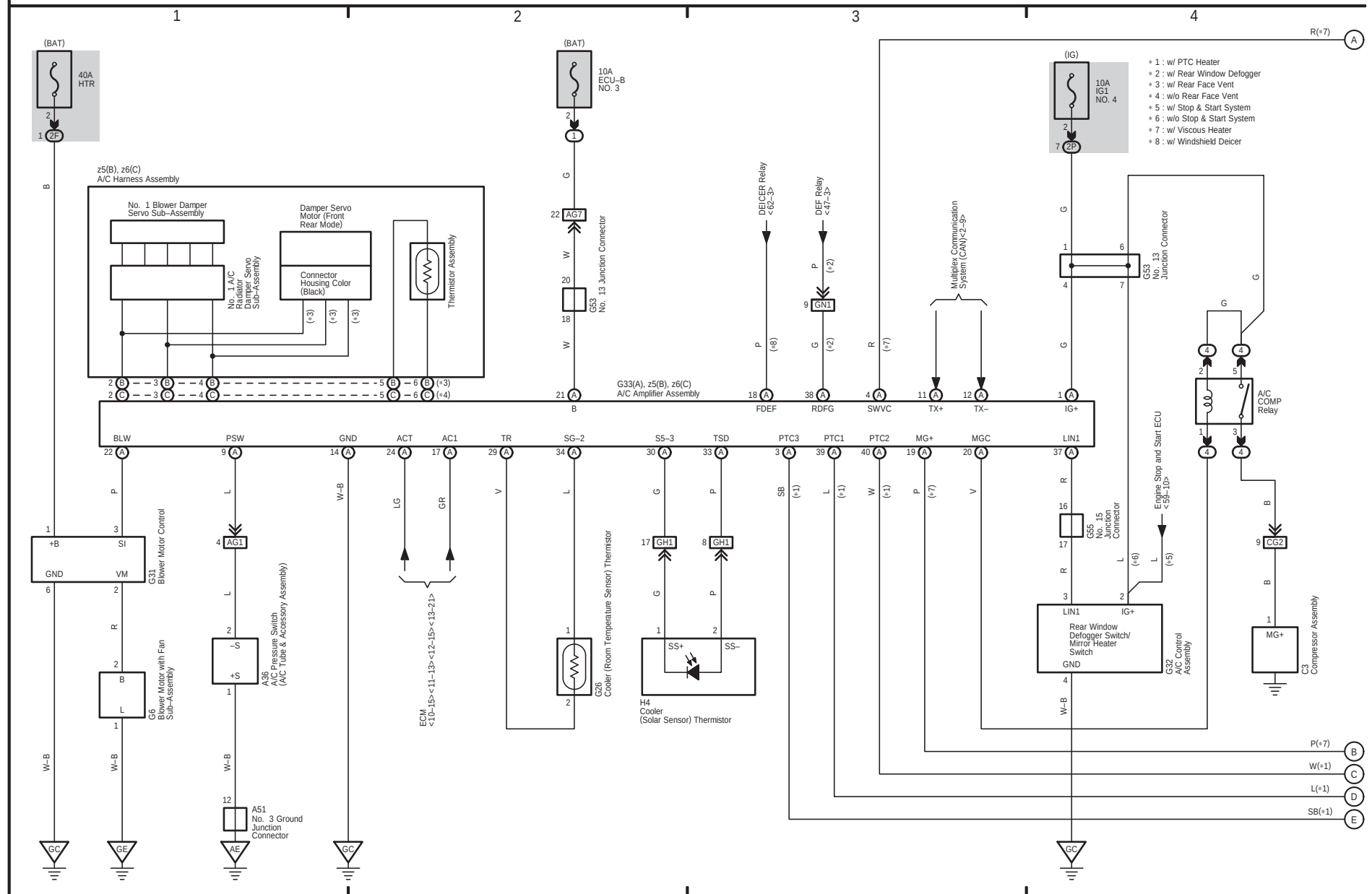




Seat Belt Warning (RHD)



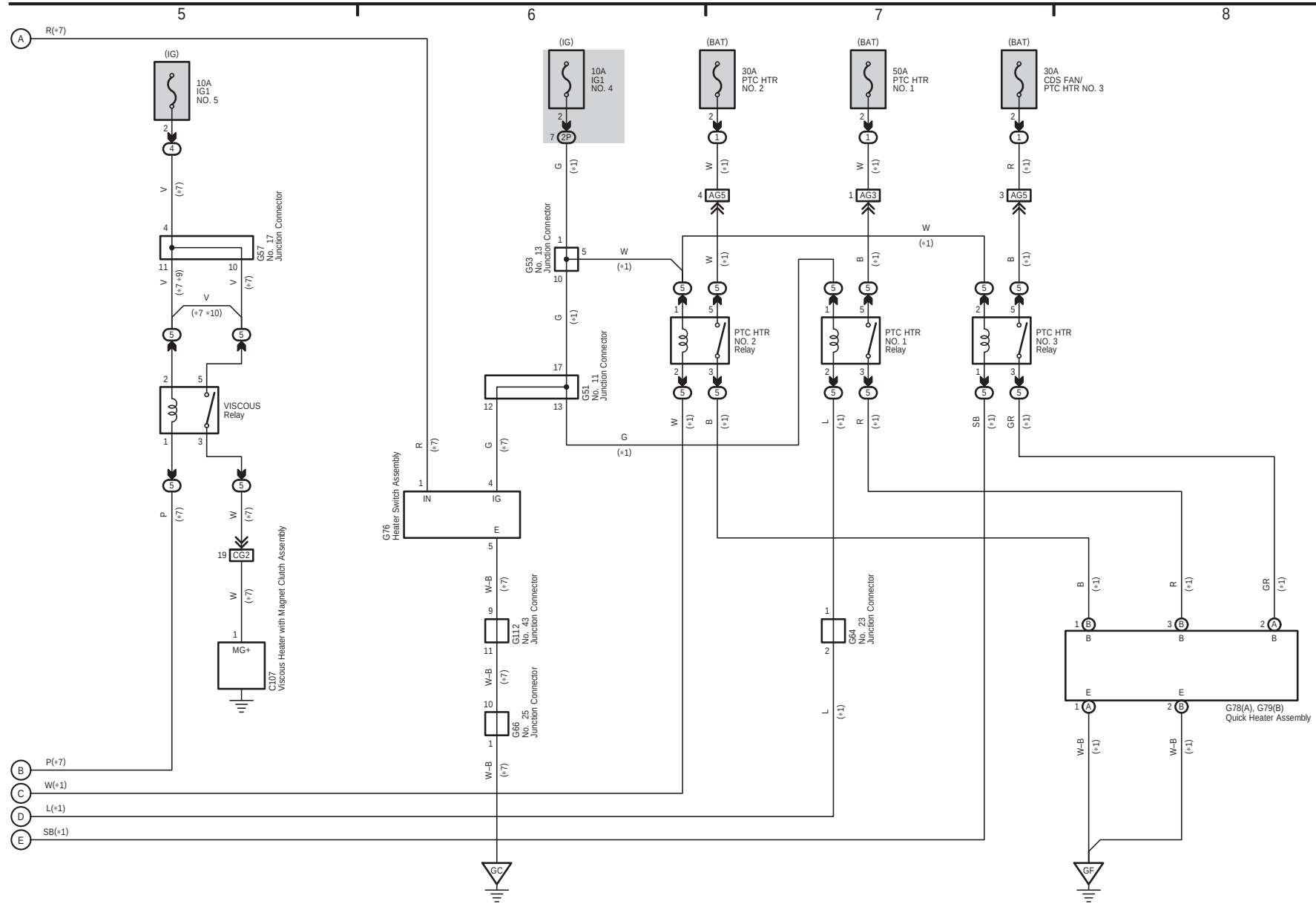
Air Conditioner (LHD Automatic)



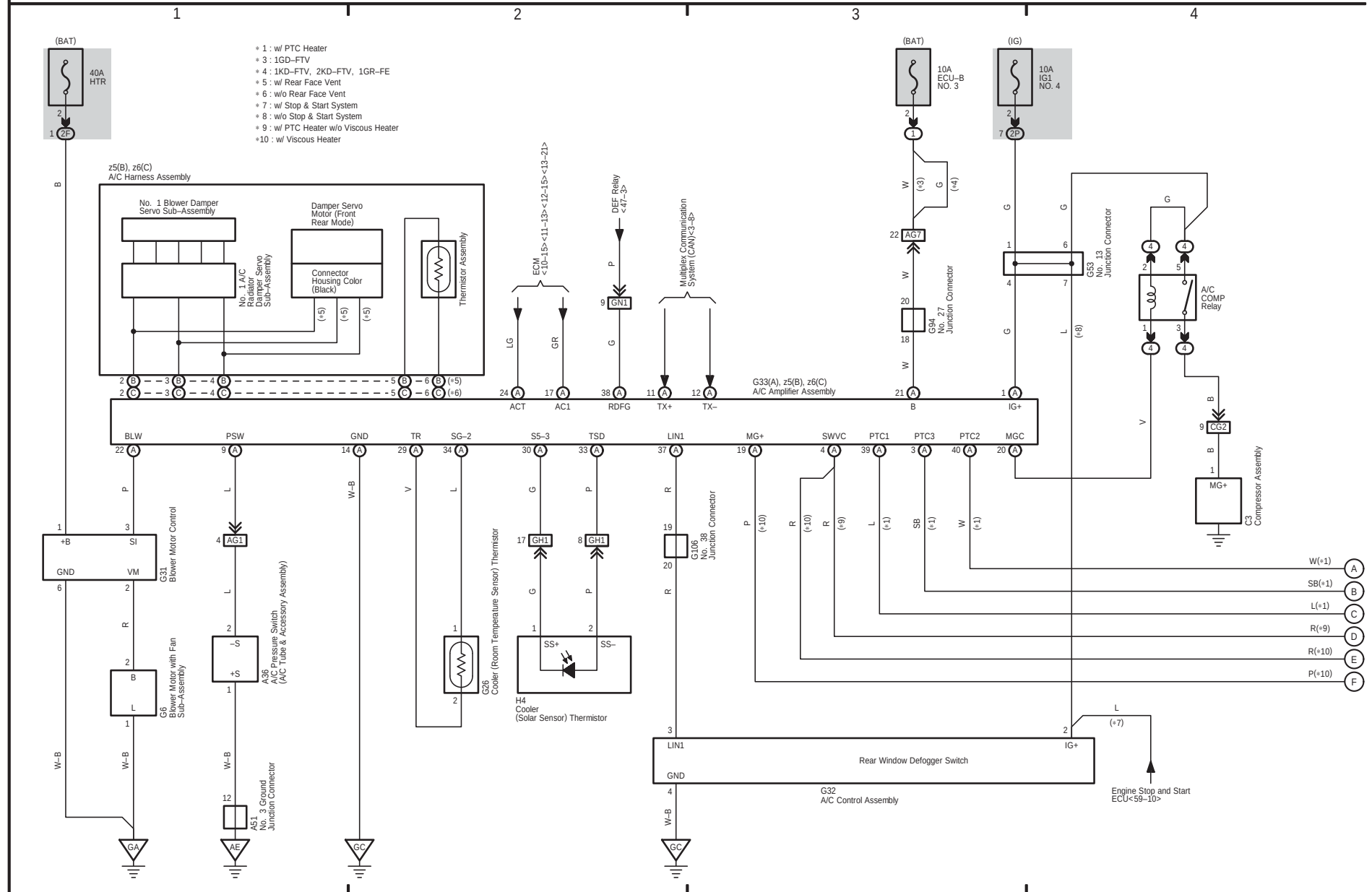
51 HILUX (Cont' d)

Air Conditioner (LHD Automatic)

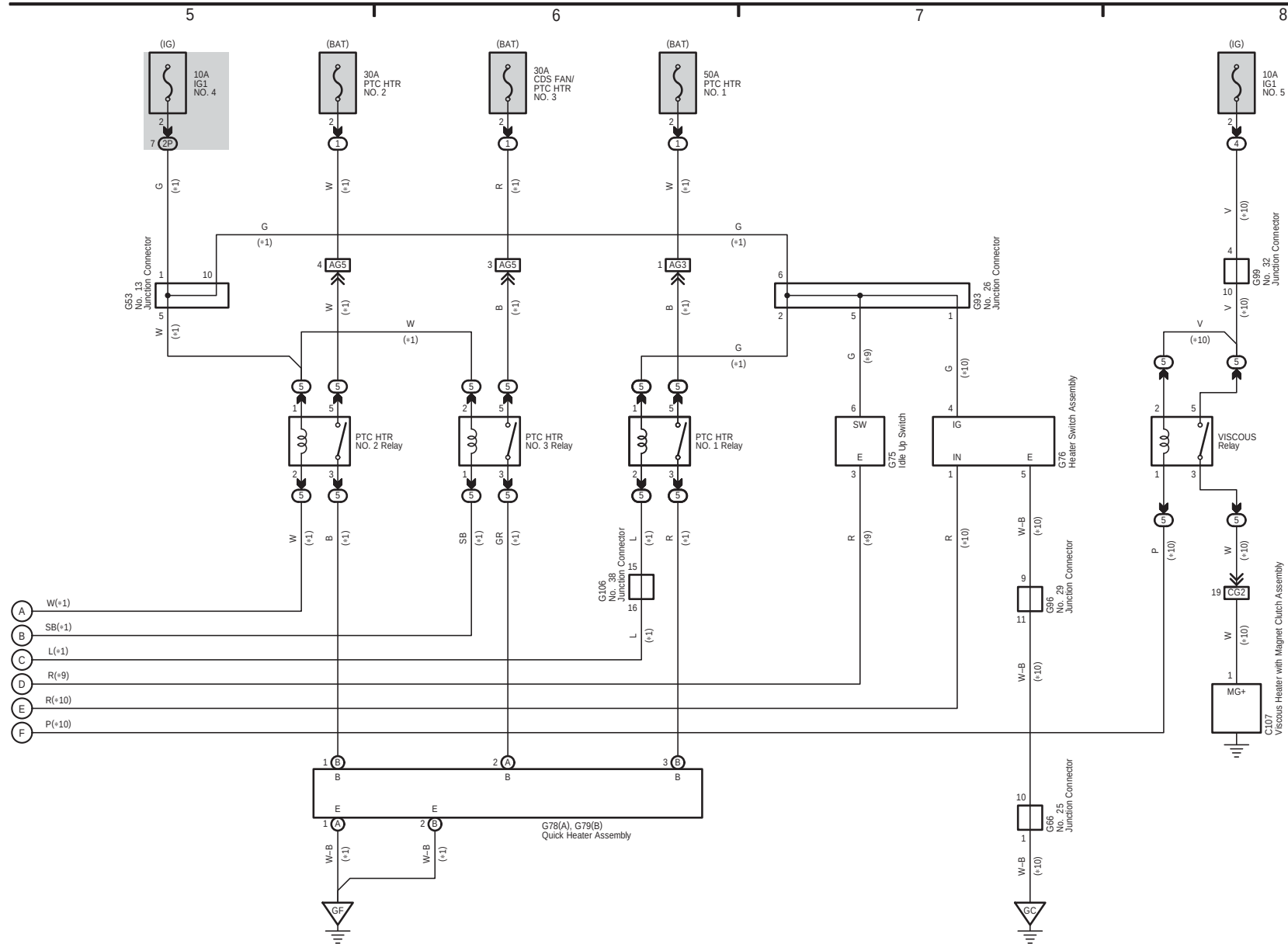
* 1 : w/ PTC Heater
 * 7 : w/ Viscous Heater
 * 9 : Before Aug. 2017 Production
 * 10 : From Aug. 2017 Production



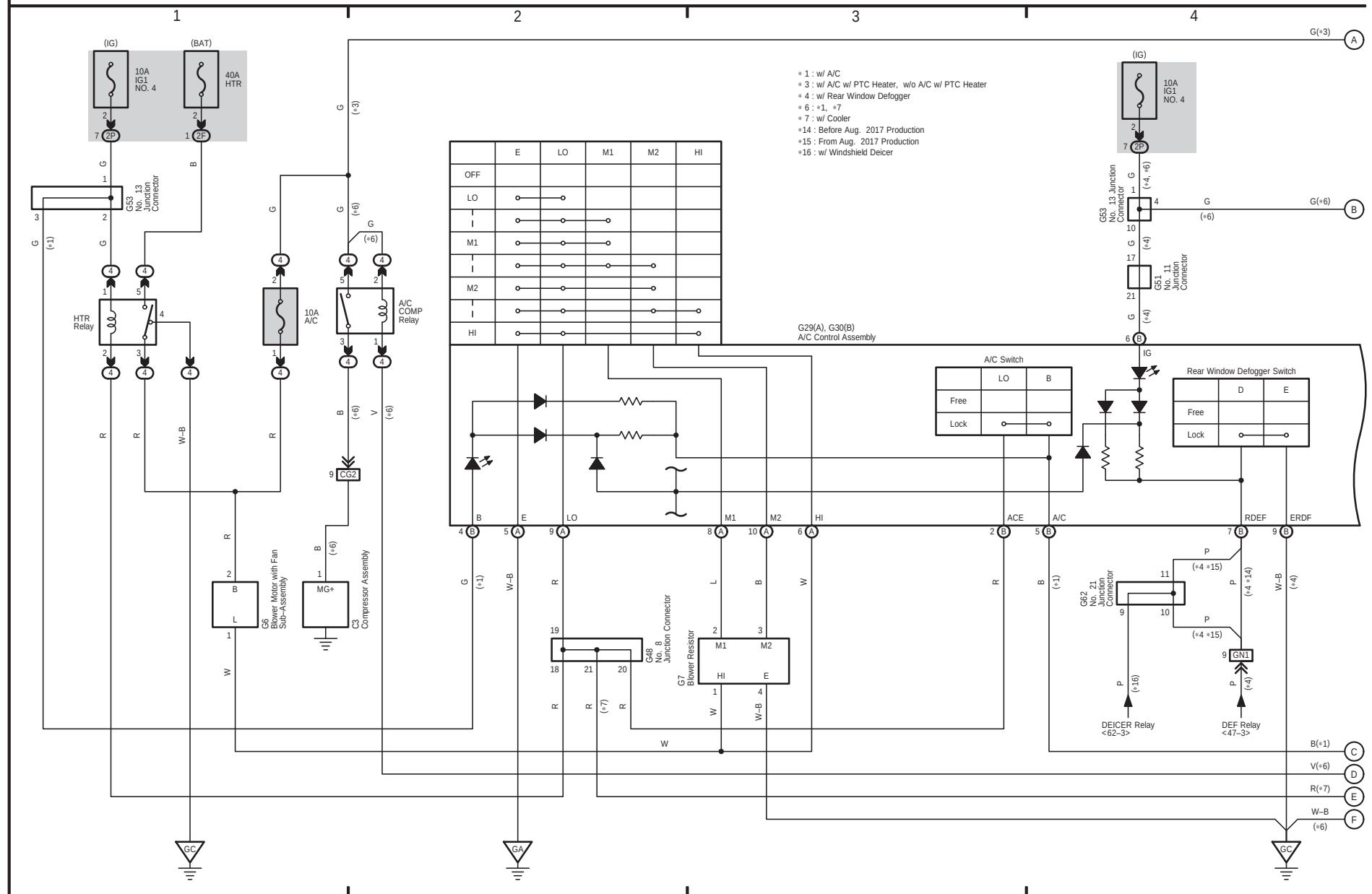
Air Conditioner (RHD Automatic)



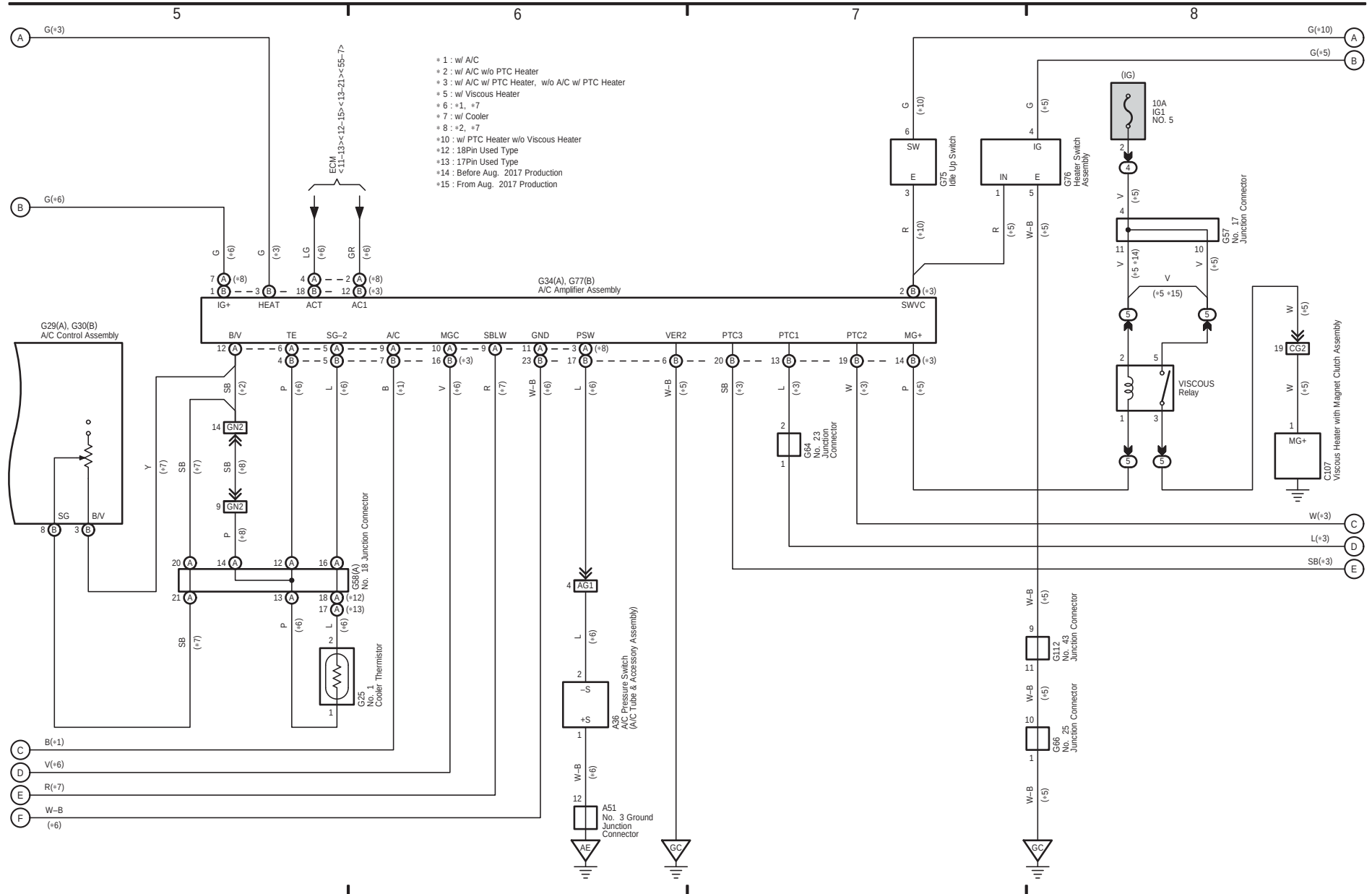
- * 1 : w/ PTC Heater
- * 9 : w/ PTC Heater w/o Viscous Heater
- *10 : w/ Viscous Heater



Air Conditioner (LHD Manual)

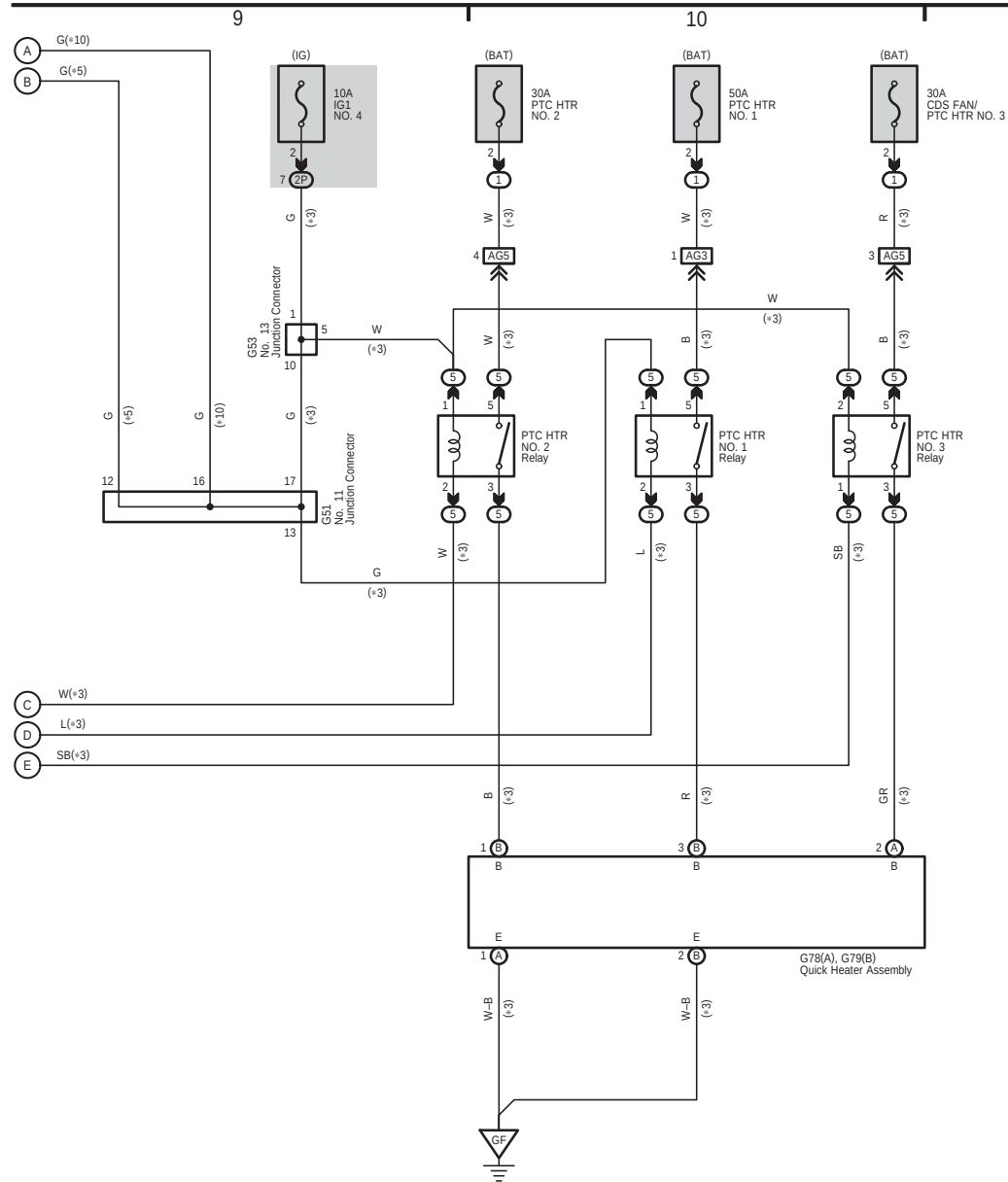


Air Conditioner (LHD Manual)



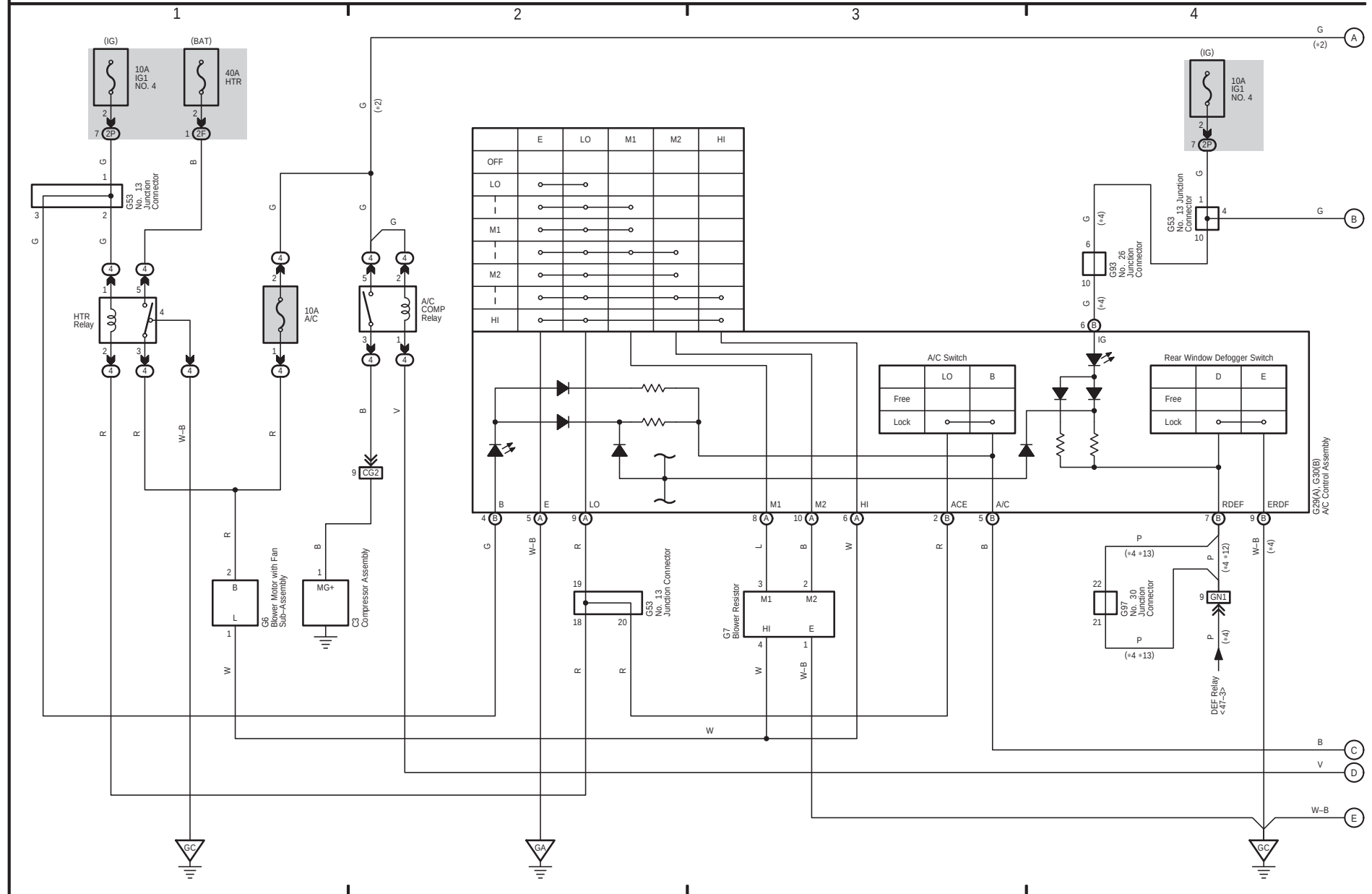
Air Conditioner (LHD Manual)

* 3 : w/ A/C w/ PTC Heater, w/o A/C w/ PTC Heater
 * 5 : w/ Viscous Heater
 *10 : w/ PTC Heater w/o Viscous Heater

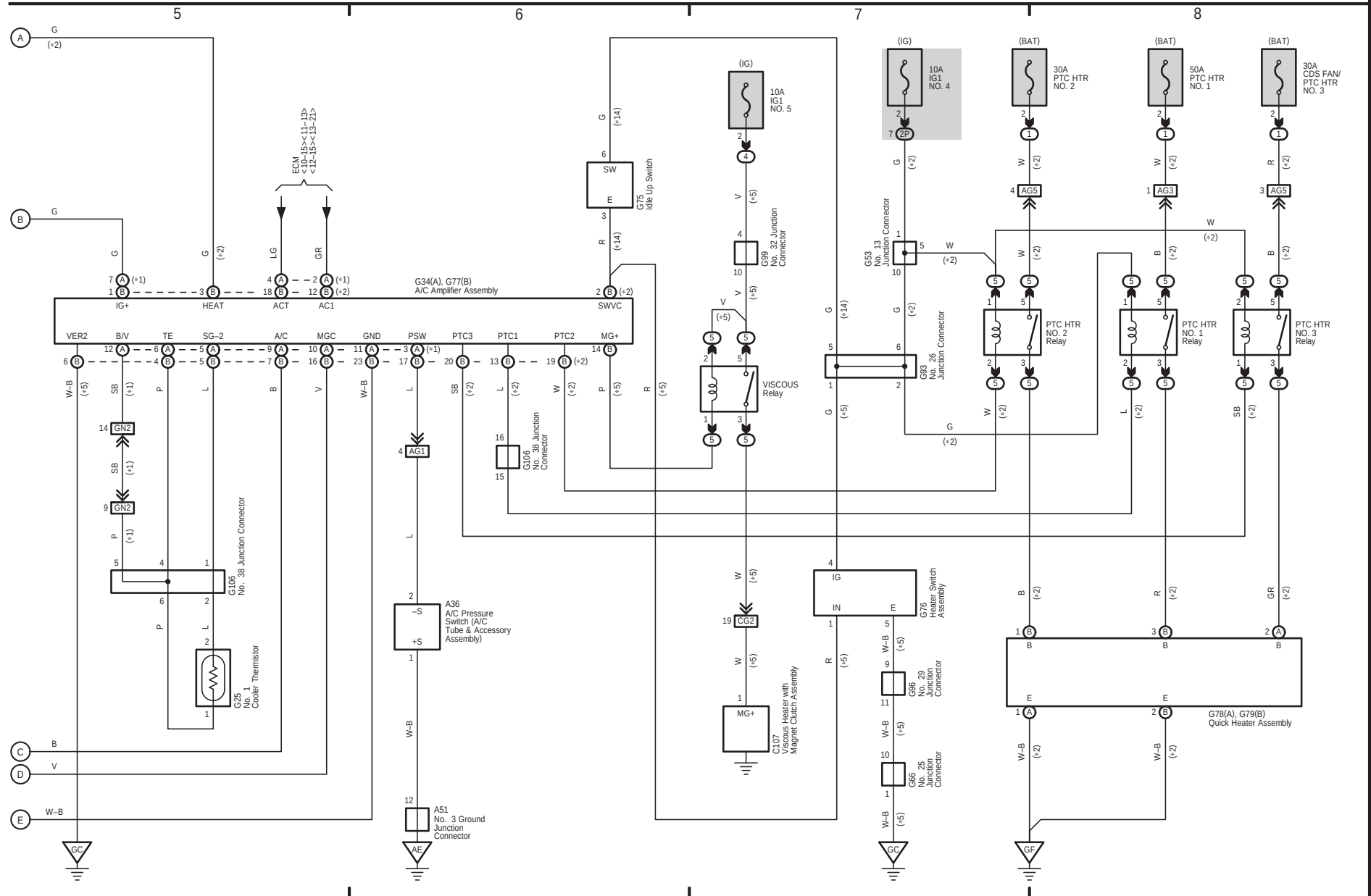


Air Conditioner (RHD Manual)

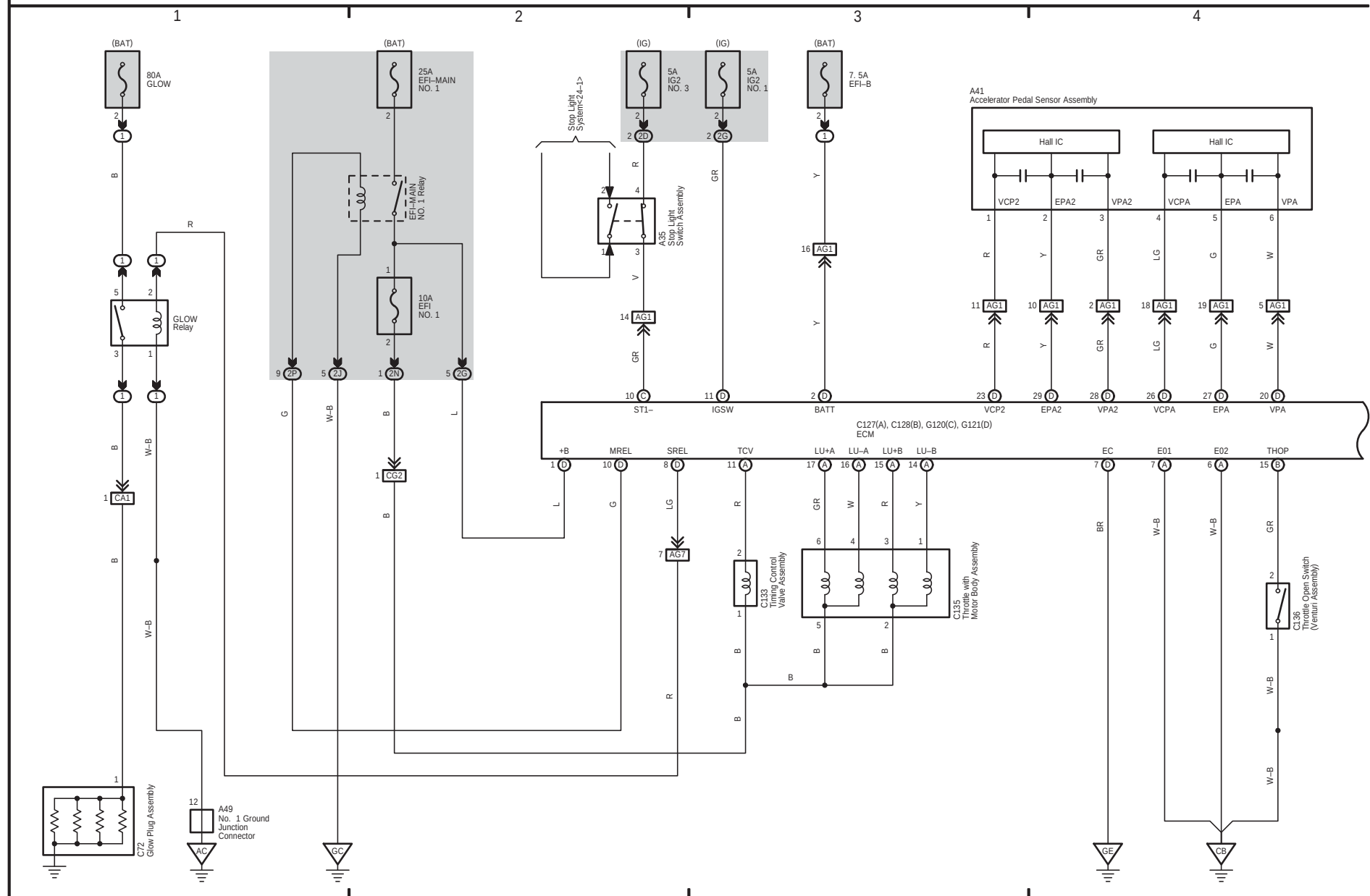
- * 2 : w/ PTC Heater
- * 4 : w/ Rear Window Defogger
- * 12 : Before Aug. 2017 Production
- * 13 : From Aug. 2017 Production



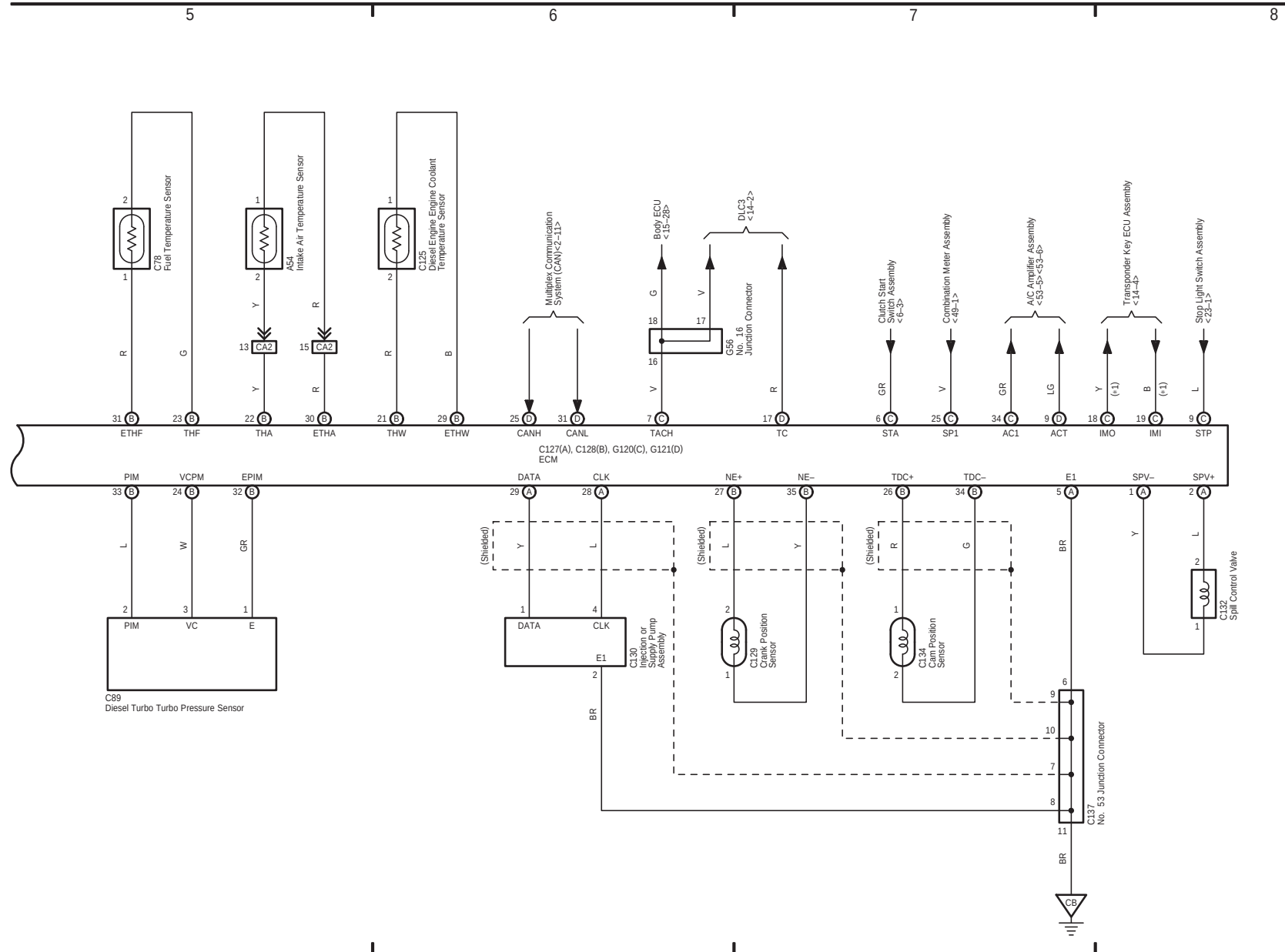
- * 1 : w/o PTC Heater
- * 2 : w/ PTC Heater
- * 5 : w/ Viscous Heater
- *14 : w/ PTC Heater, w/o Viscous Heater



Engine Control (5L-E)



* 1 : w/ Immobiliser System



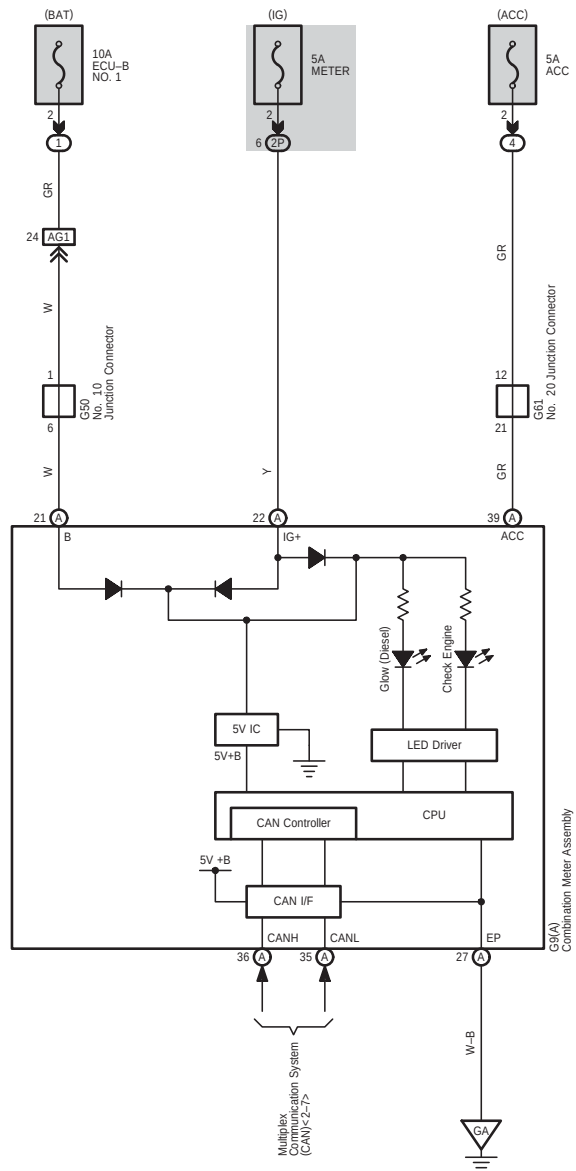
Engine Control (5L-E)

9

10

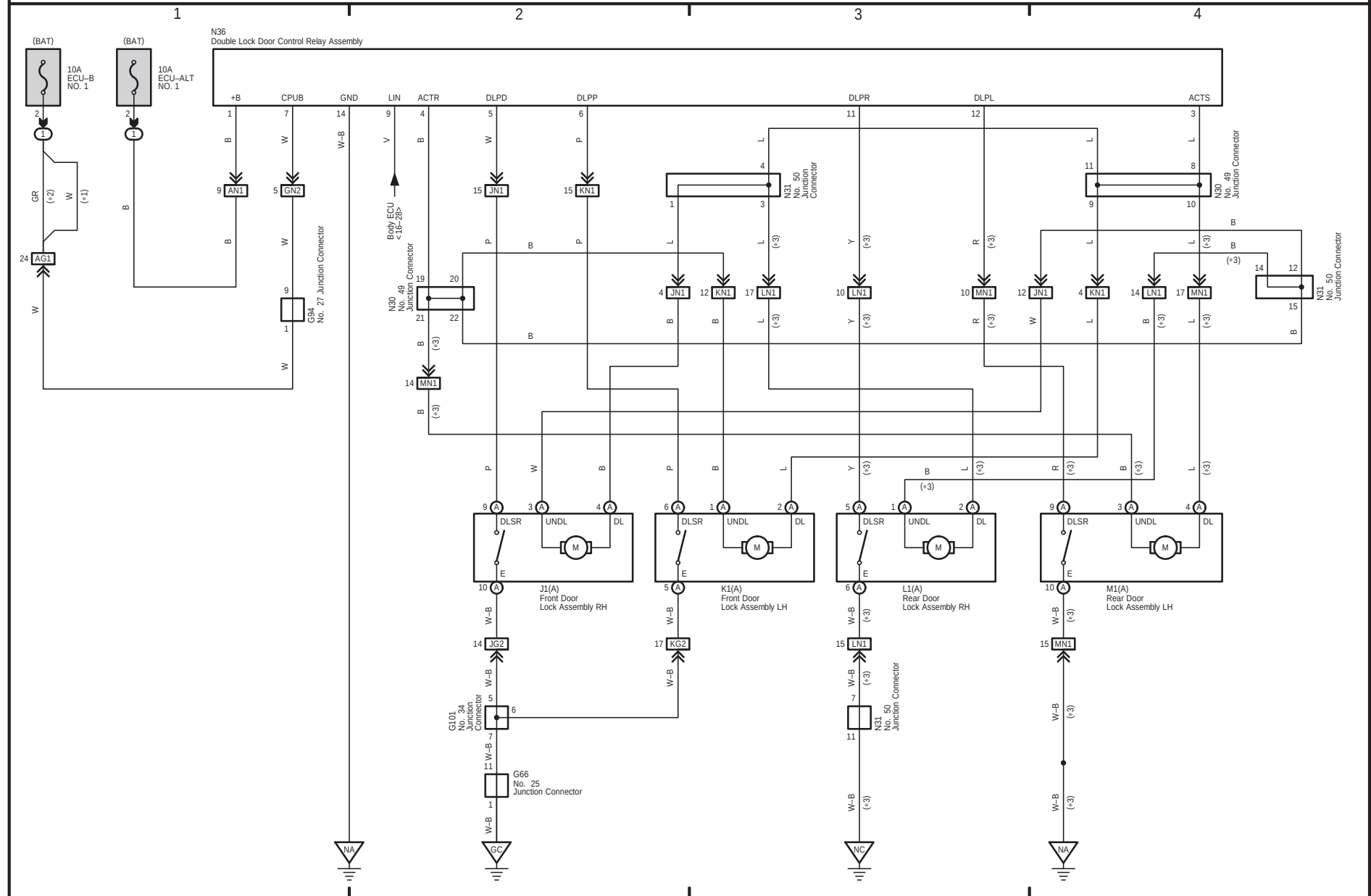
11

12

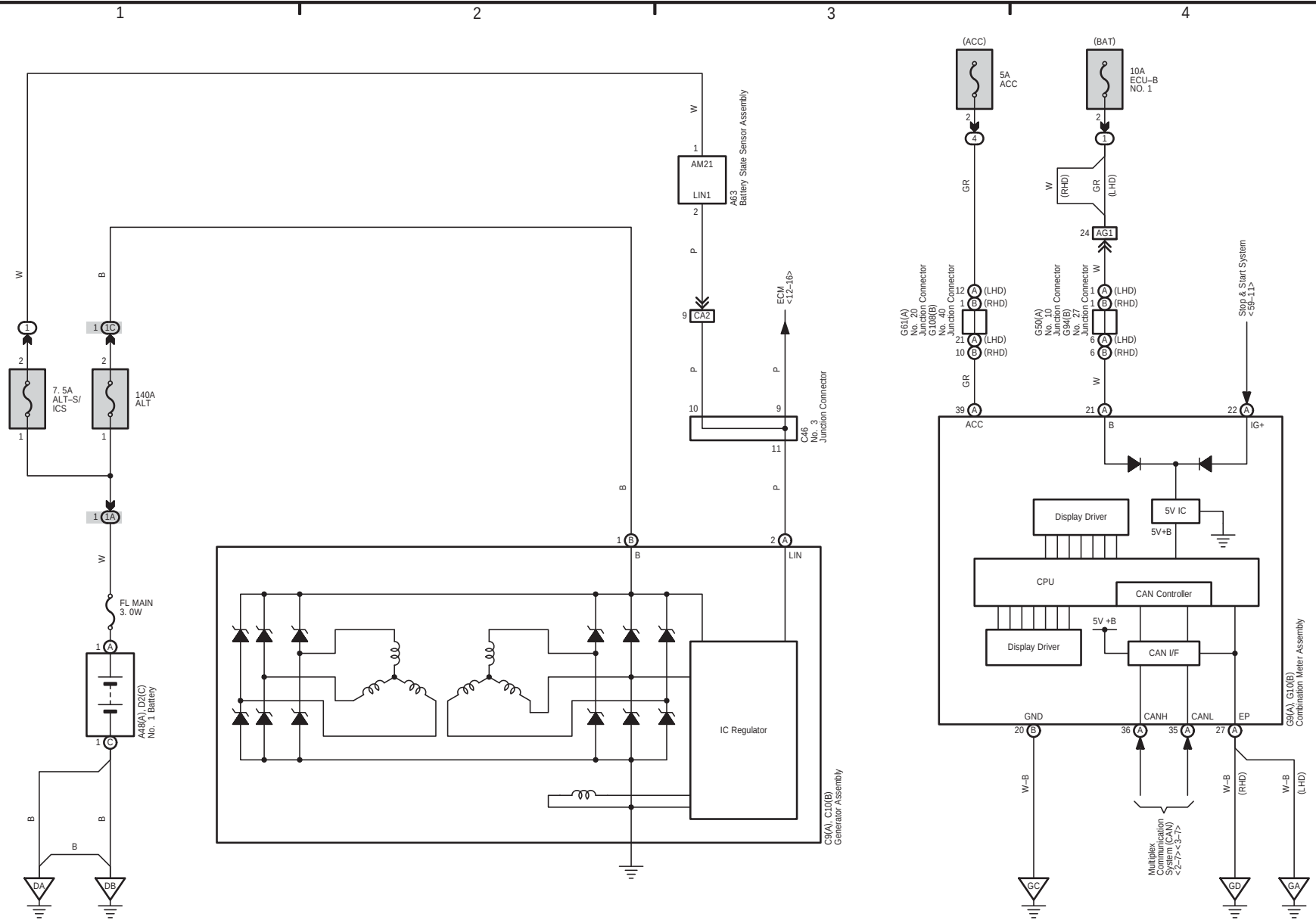


Double Locking

* 1 : 1GD-FTV, 2GD-FTV
 * 2 : 1GR-FE, 1TR-FE, 2TR-FE
 * 3 : Double Cab

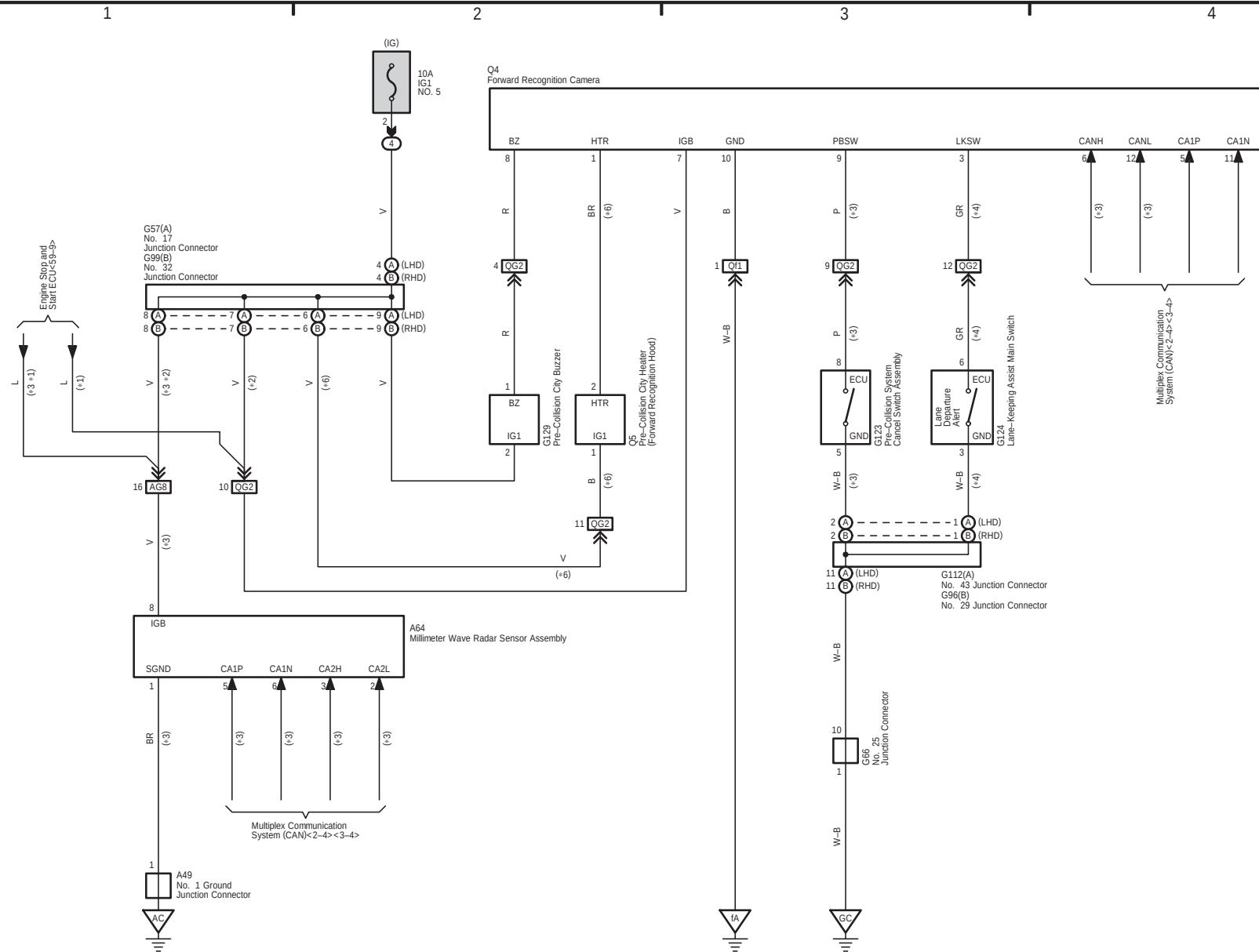


Charging (w/ Stop & Start System)



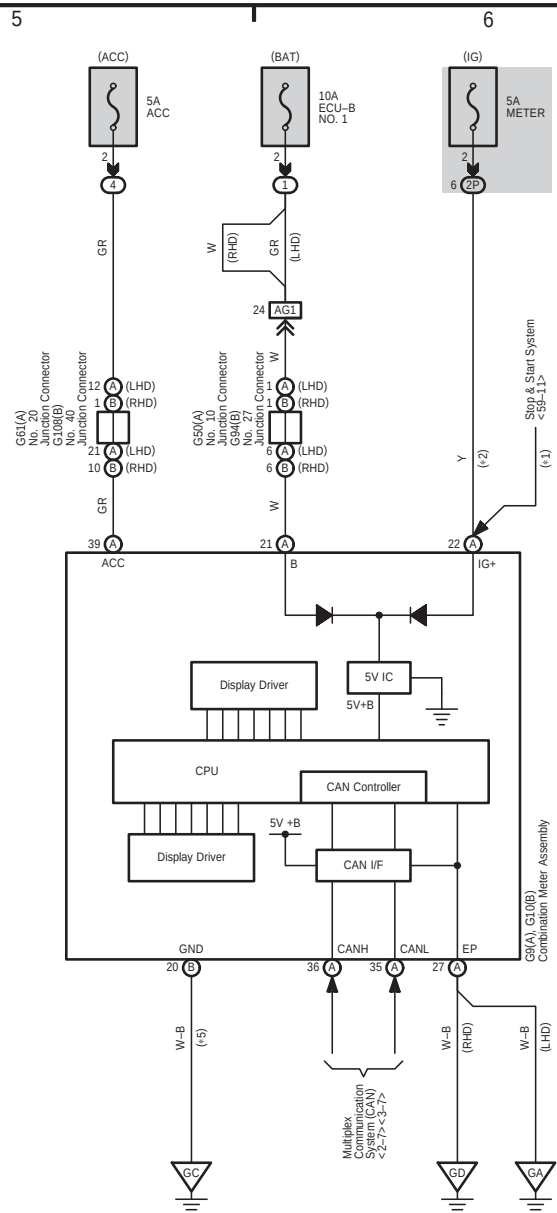
Lane Departure Alert, Pre-Collision System

- * 1 : w/ Stop & Start System
- * 2 : w/o Stop & Start System
- * 3 : w/ Pre-Collision System
- * 4 : w/ Lane Departure Alert
- * 6 : w/ Pre-Collision City Heater (Forward Recognition Hood)

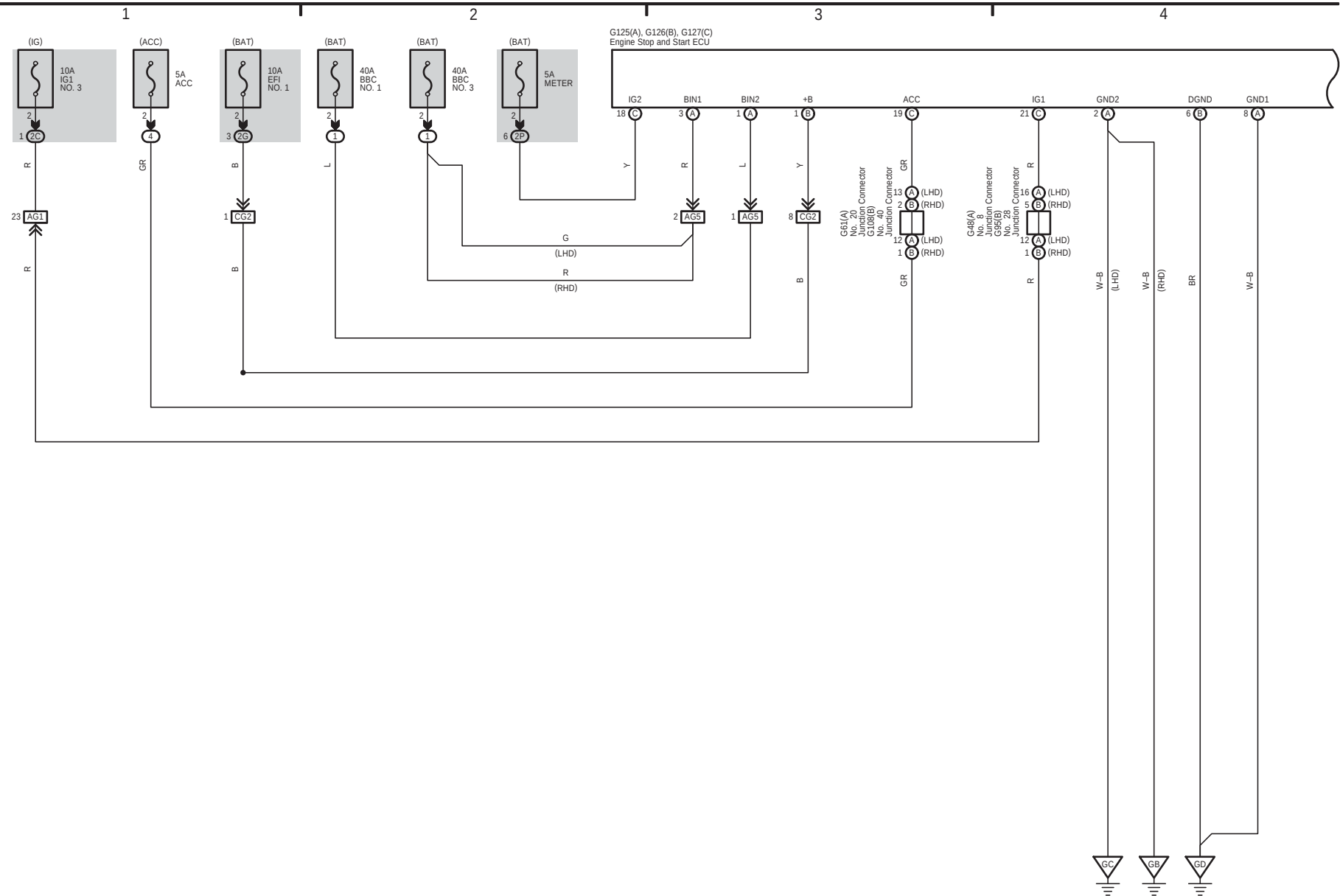


Lane Departure Alert, Pre-Collision System

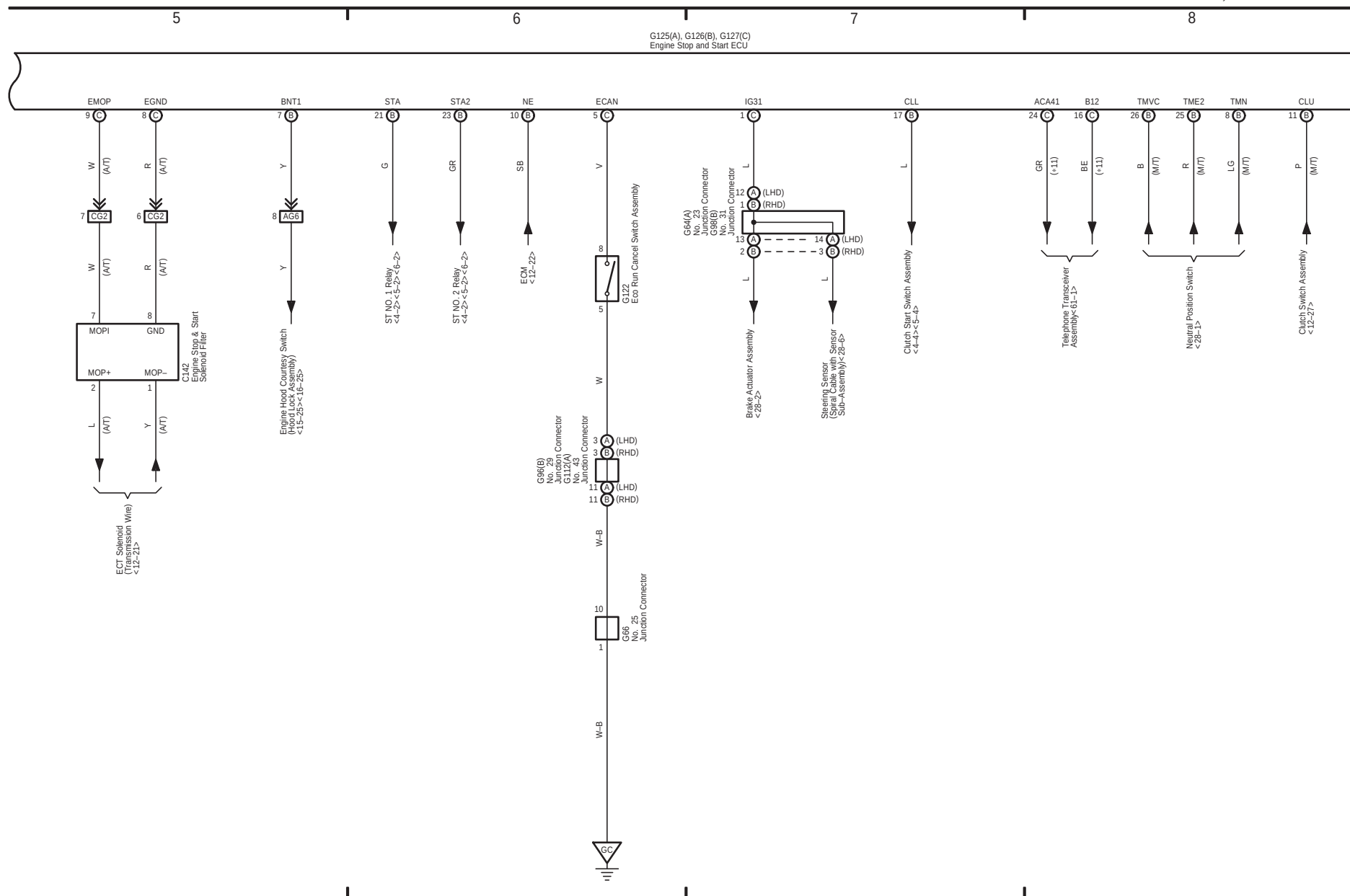
- * 1 : w/ Stop & Start System
- * 2 : w/o Stop & Start System
- * 5 : w/ TFT Display



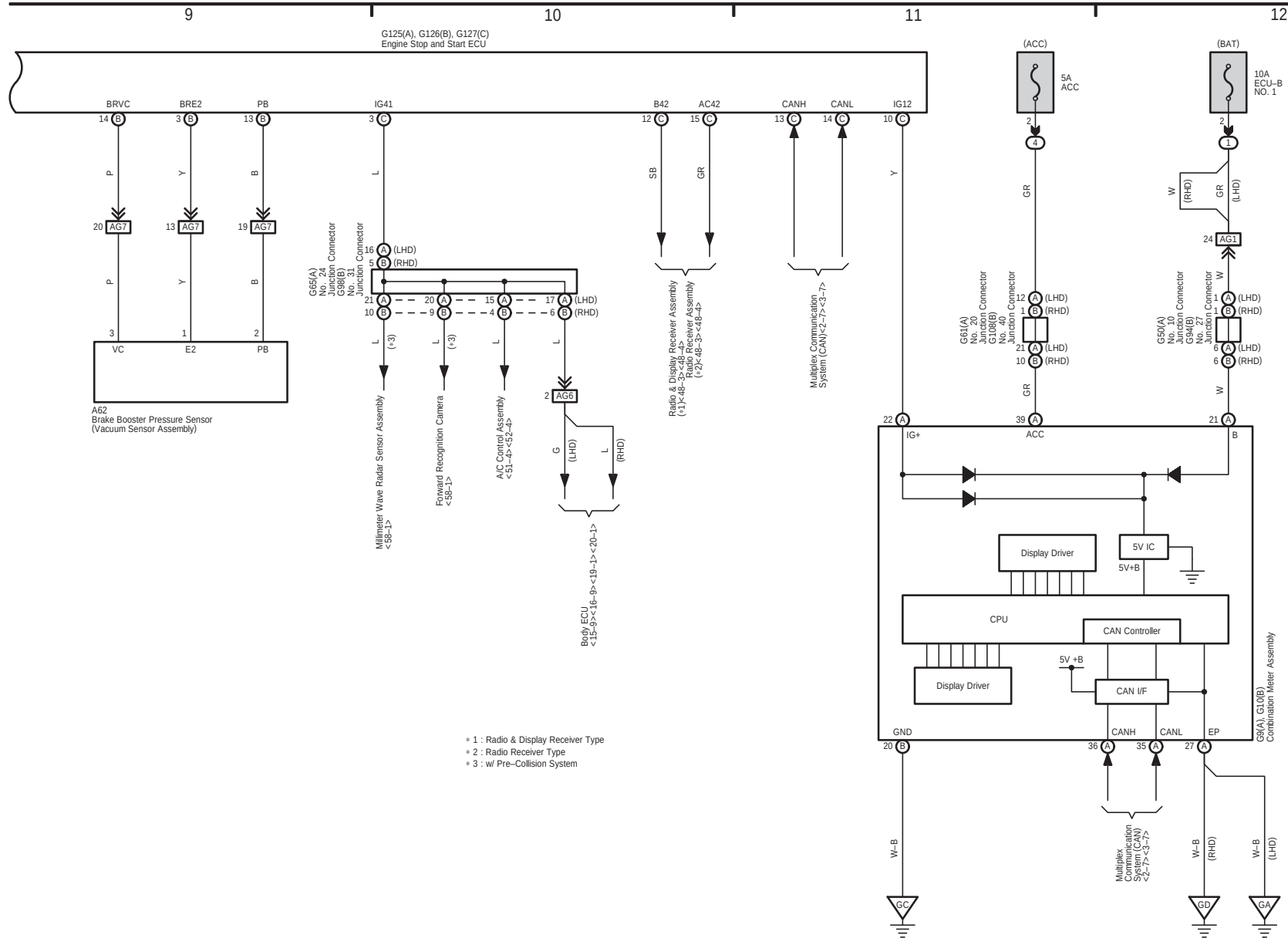
Stop & Start System



*11 : w/ Telematics System

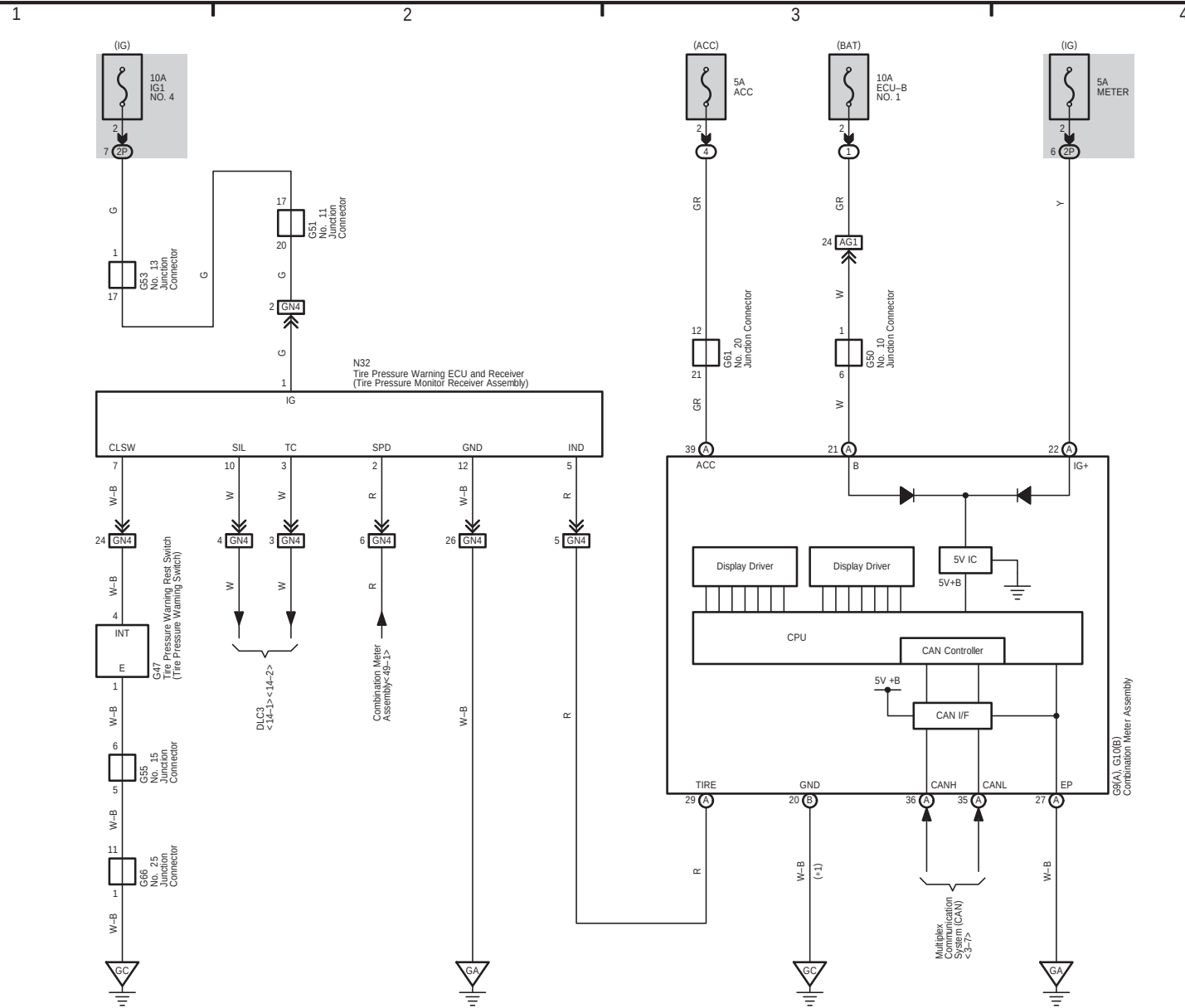


Stop & Start System

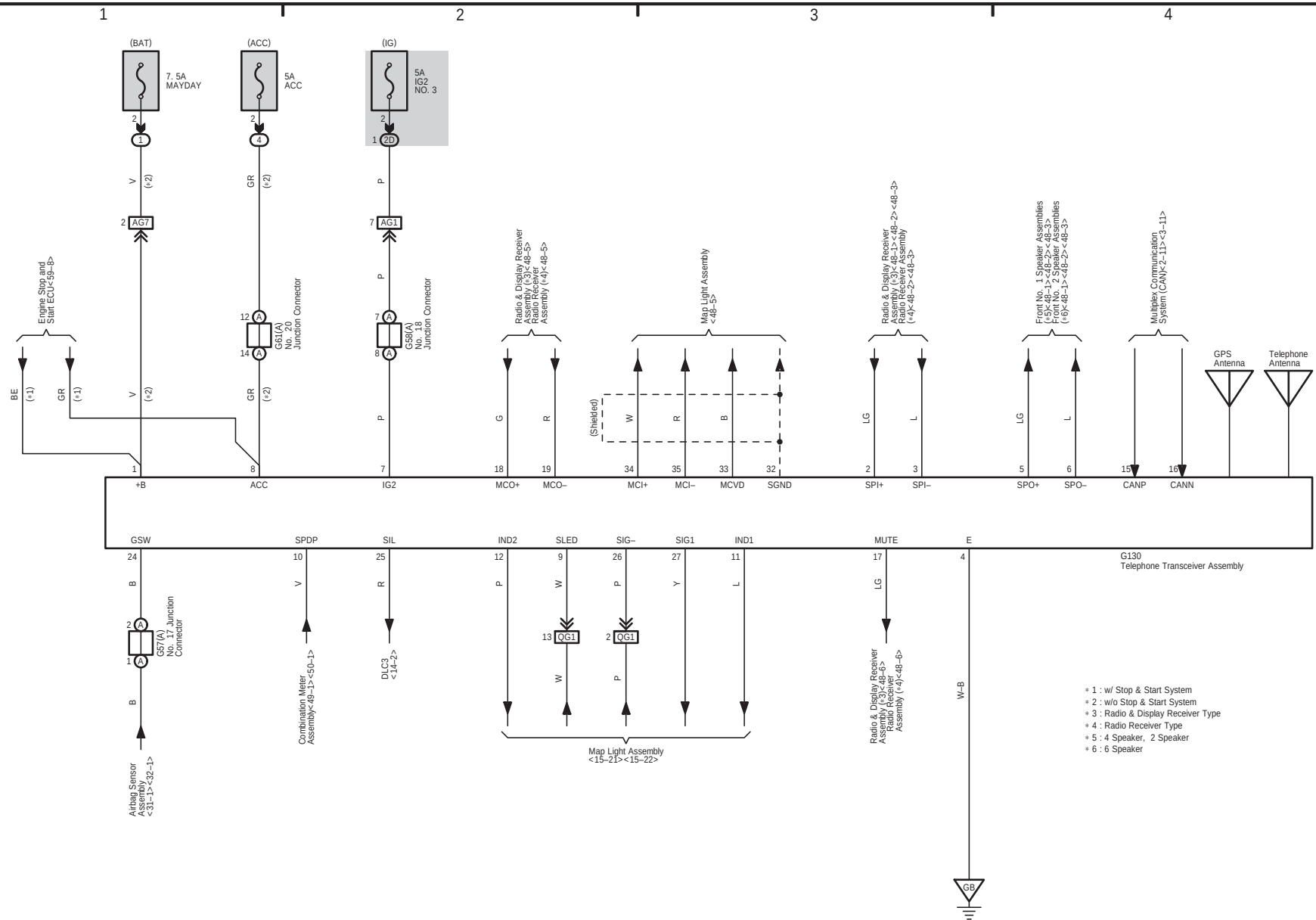


Tire Pressure Warning System

* 1 : w/ TFT Display

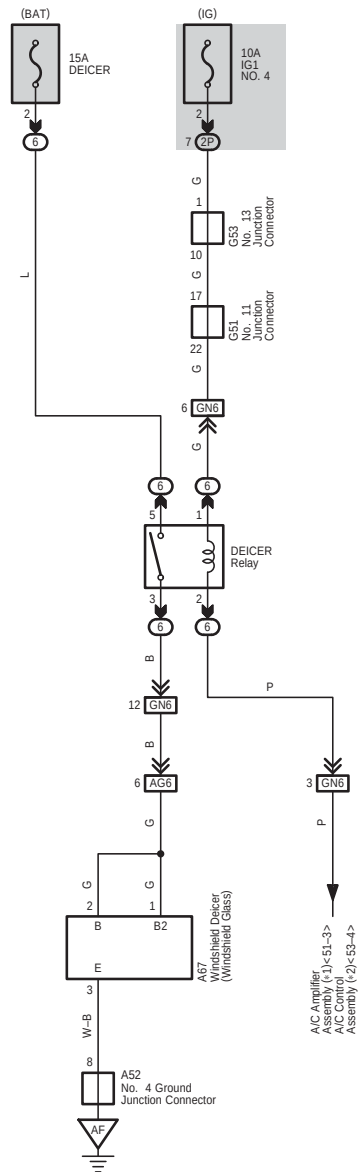


Telematics System



Windshield Deicer

• 1 : Automatic A/C
• 2 : Manual A/C



The diagram illustrates the wiring for a Heated Steering Wheel System. It is organized into four main sections:

- Section 1: Power Sources**
 - (BAT) 10A STRG HTR**: A 10A fuse connected to the battery.
 - (IG) 10A IG1 NO. 4**: A 10A fuse connected to the ignition.
- Section 2: Steering Wheel Assembly**
 - 28(I) Steering Wheel Assembly**: The main component being heated, with terminals for **EHT**, **BHT**, and **Heater**.
 - G138(I/O) 28(I) Spiral Cable Sub-Assembly**: Connects the steering wheel assembly to the heater.
- Section 3: Control and Switching**
 - STRG HTR Relay**: A relay that controls the heater.
 - Steering Heater Switch**: A switch that controls the relay.
 - G140 Steering Heater Switch**: The switch component.
- Section 4: Junctions and Grounds**
 - W-B**: Wire-to-Battery connection.
 - IG**: Ignition connection.
 - GR**: Ground connection.
 - GE**: Ground connection.
 - GC**: Ground connection.
 - Junction Connectors**: Various connectors labeled with numbers (e.g., 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100).