

### ABBREVIATIONS

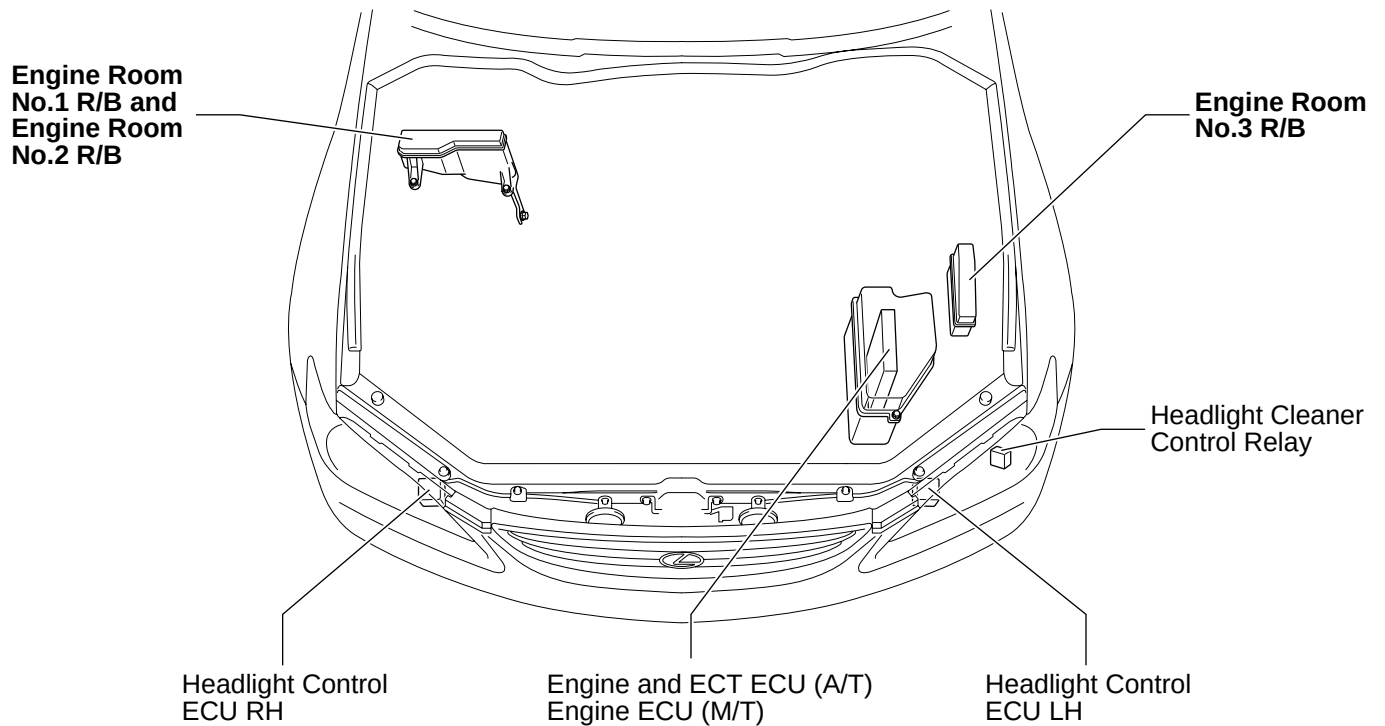
The following abbreviations are used in this manual.

|        |   |                                                |
|--------|---|------------------------------------------------|
| A/C    | = | Air Conditioner                                |
| A/T    | = | Automatic Transmission                         |
| ABS    | = | Anti-Lock Brake System                         |
| ACIS   | = | Acoustic Control Induction System              |
| BA     | = | Brake Assist                                   |
| COMB.  | = | Combination                                    |
| DLC3   | = | Data Link Connector 3                          |
| ECT    | = | Electronic Control Transmission                |
| ECU    | = | Electronic Control Unit                        |
| EFI    | = | Electronic Fuel Injection                      |
| ESA    | = | Electronic Spark Advance                       |
| ETCS-i | = | Electronic Throttle Control System-intelligent |
| EVAP   | = | Evaporative Emission                           |
| FFC    | = | Flexible Flat Circuit                          |
| HID    | = | High Intensity Discharge                       |
| IC     | = | Integrated Circuit                             |
| J/B    | = | Junction Block                                 |
| LED    | = | Light Emitting Diode                           |
| LH     | = | Left-Hand                                      |
| LHD    | = | Left-Hand Drive                                |
| M/T    | = | Manual Transmission                            |
| MPX    | = | Multiplex                                      |
| O/D    | = | Overdrive                                      |
| R/B    | = | Relay Block                                    |
| RH     | = | Right-Hand                                     |
| RHD    | = | Right-Hand Drive                               |
| S/D    | = | Sedan Type                                     |
| SRS    | = | Supplemental Restraint System                  |
| SW     | = | Switch                                         |
| TEMP.  | = | Temperature                                    |
| TRC    | = | Traction Control                               |
| VSC    | = | Vehicle Stability Control                      |
| VSV    | = | Vacuum Switching Valve                         |
| W/G    | = | Wagon Type                                     |
| w/     | = | With                                           |
| w/o    | = | Without                                        |

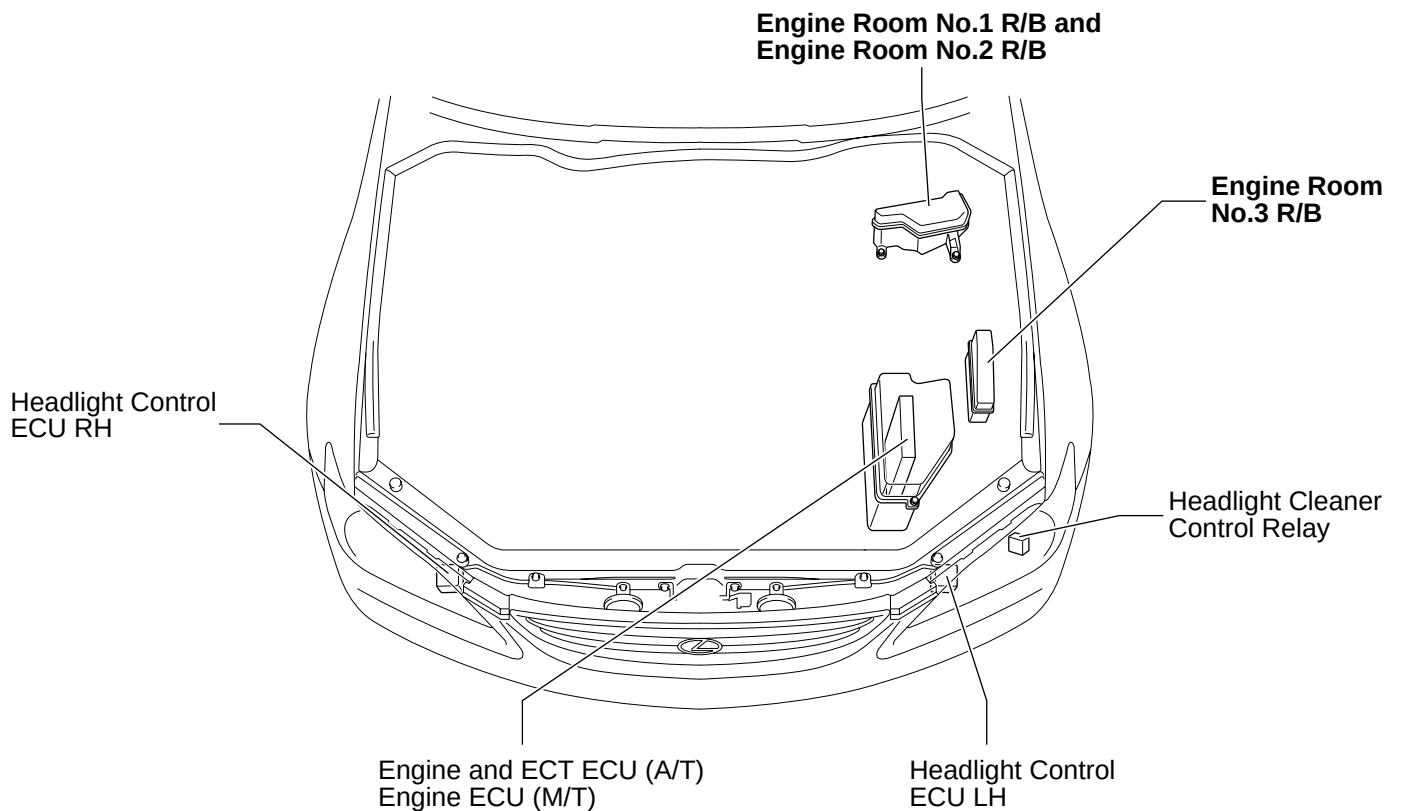
\* The titles given inside the components are the names of the terminals (terminal codes) and are not treated as being abbreviations.

## D RELAY LOCATIONS

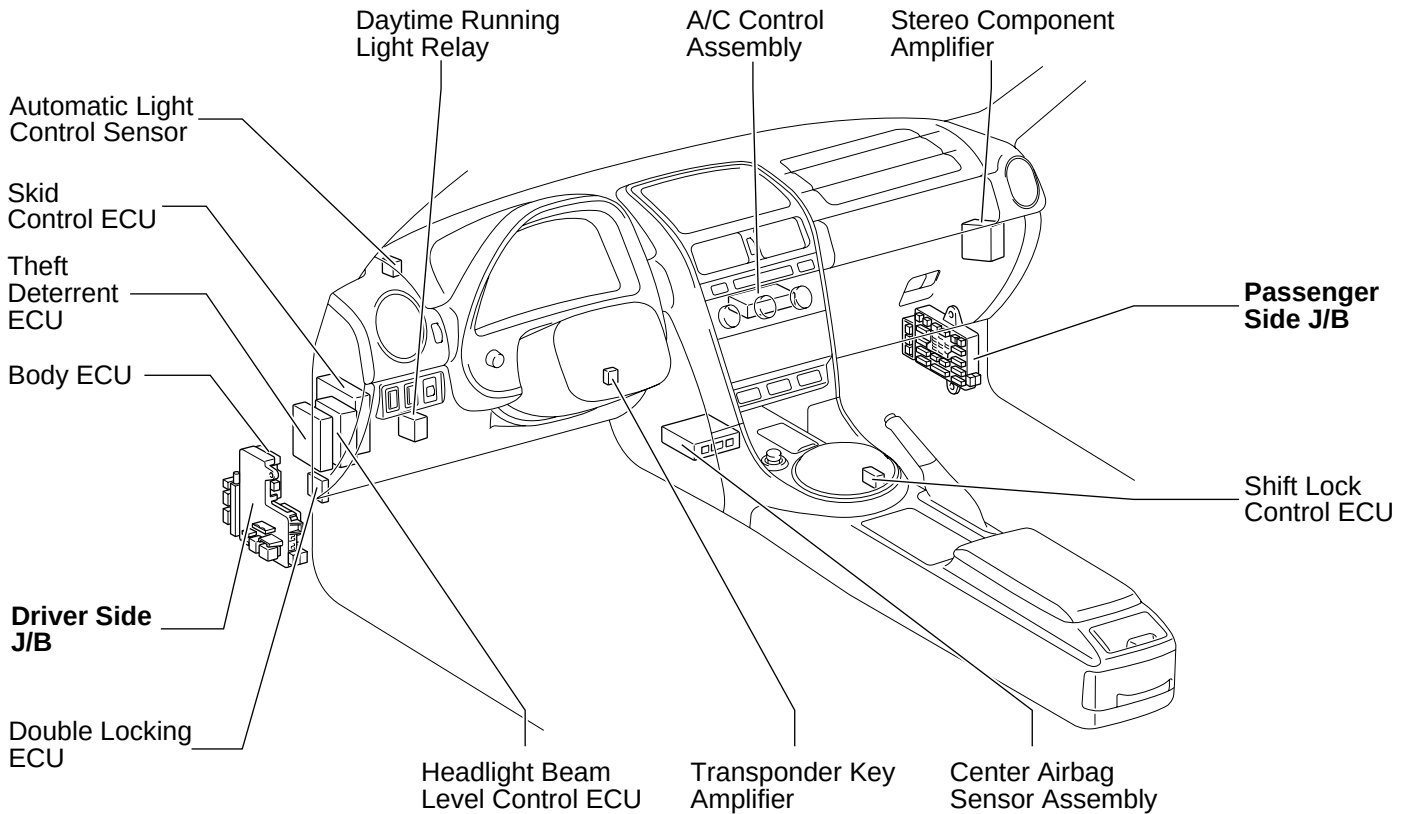
### [Engine Compartment] (LHD)



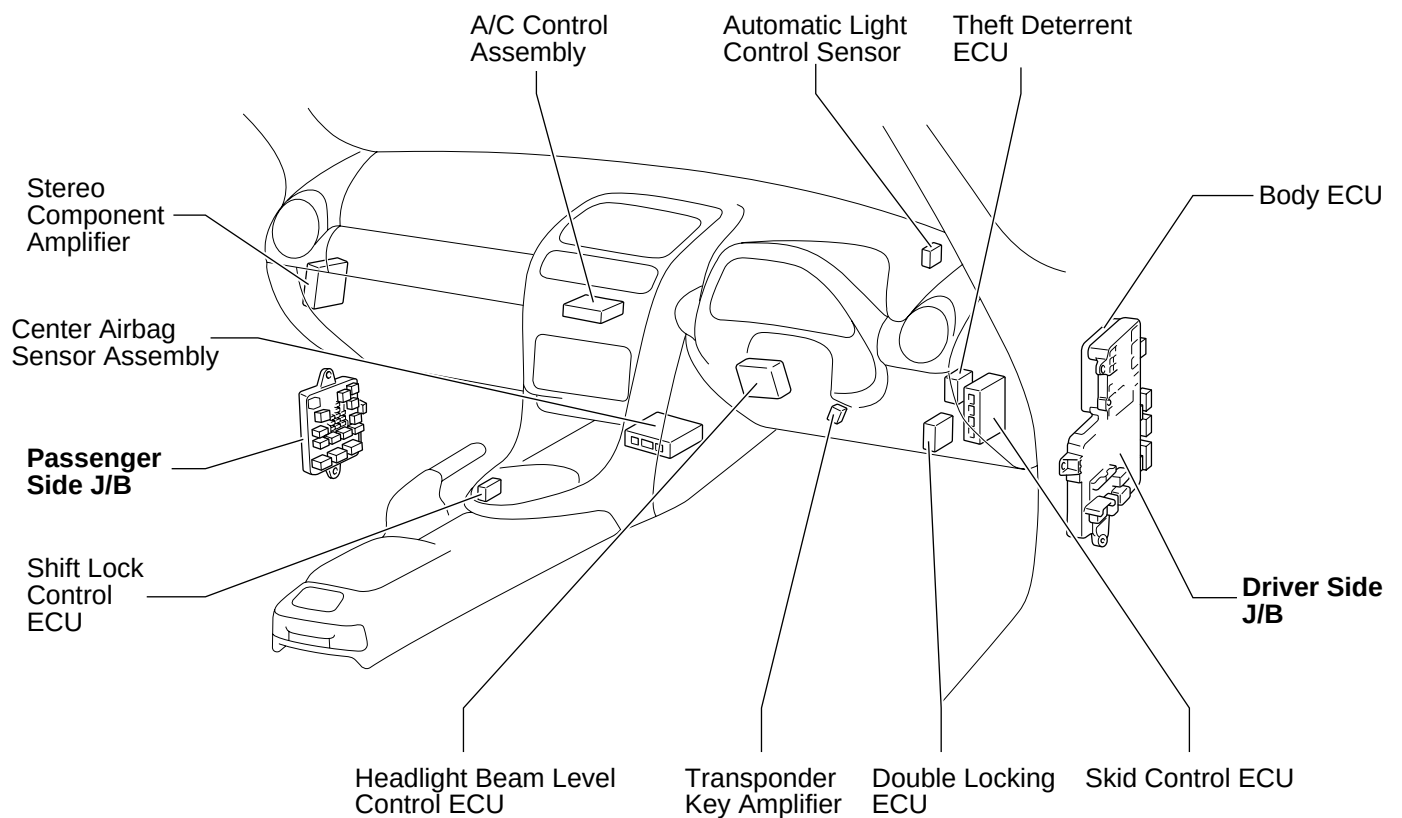
### (RHD)



## [Instrument Panel] (LHD)

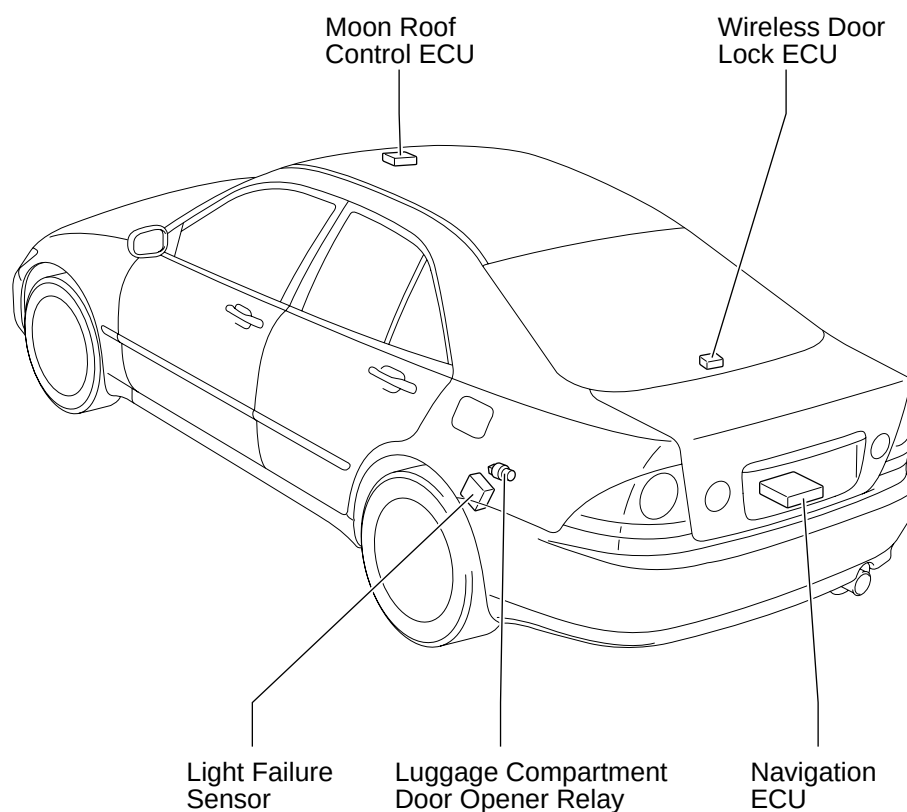


## (RHD)

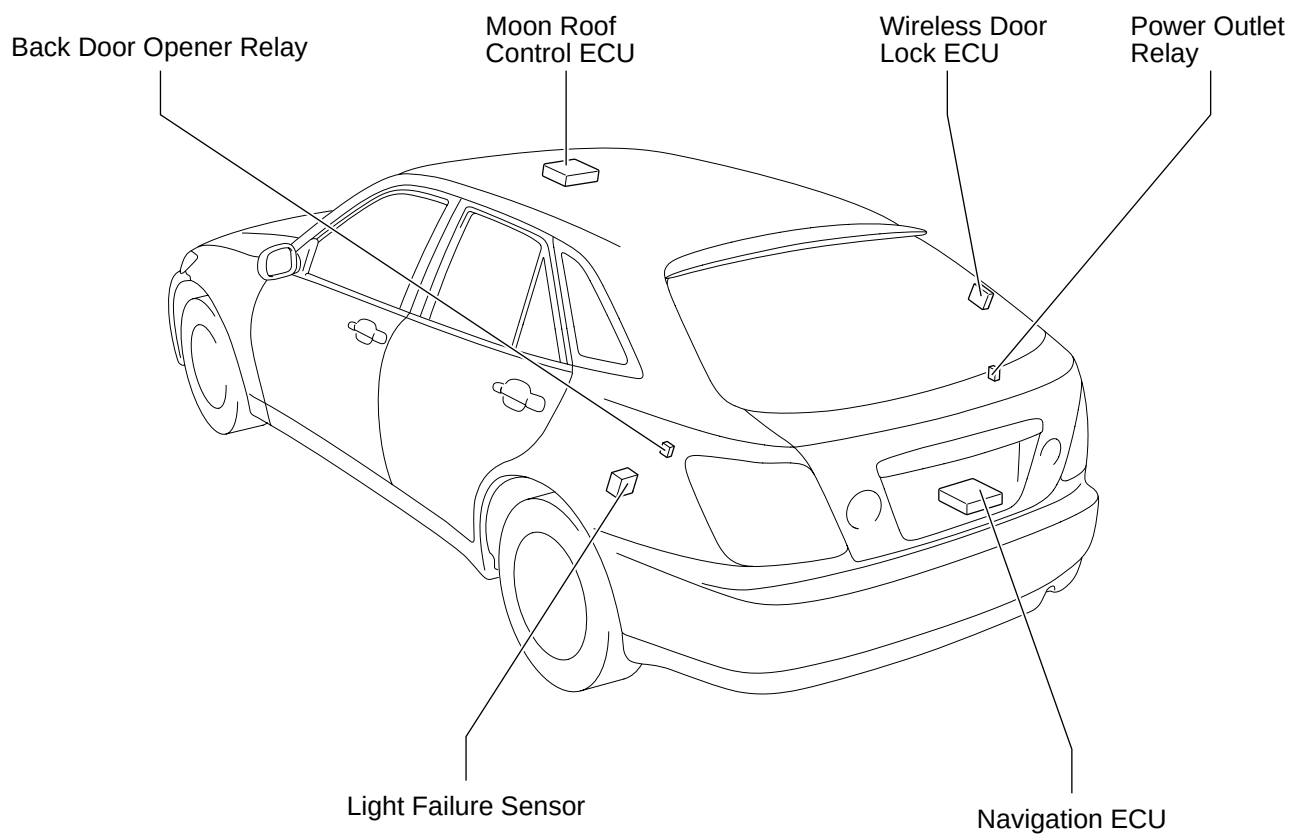


## D RELAY LOCATIONS

[Body]  
(S/D)



(W/G)

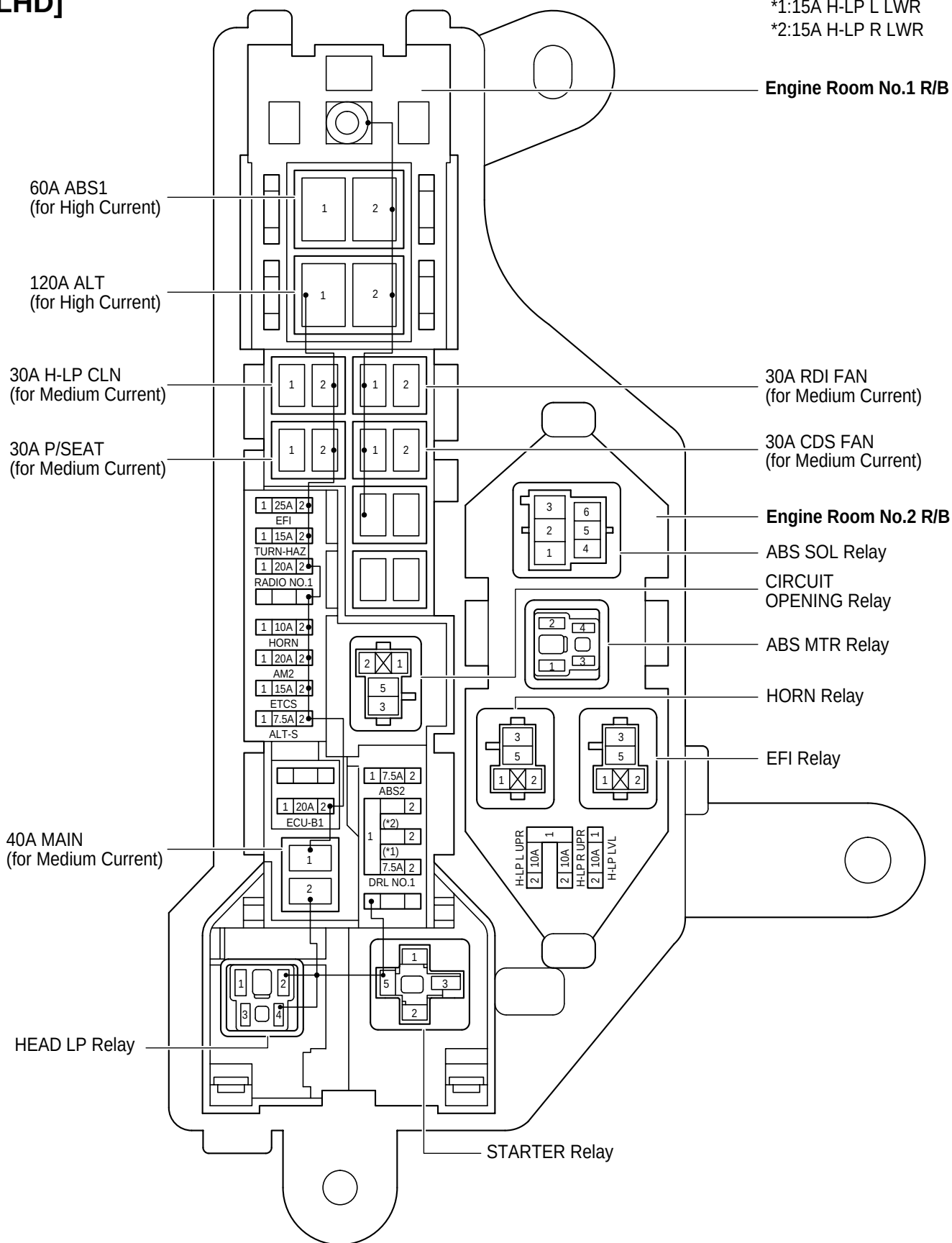


## D RELAY LOCATIONS

|                          |                                       |
|--------------------------|---------------------------------------|
| ① : Engine Room No.1 R/B | Engine Compartment Right (See Page 8) |
| ② : Engine Room No.2 R/B |                                       |

[LHD]

\*1:15A H-LP L LWR  
\*2:15A H-LP R LWR



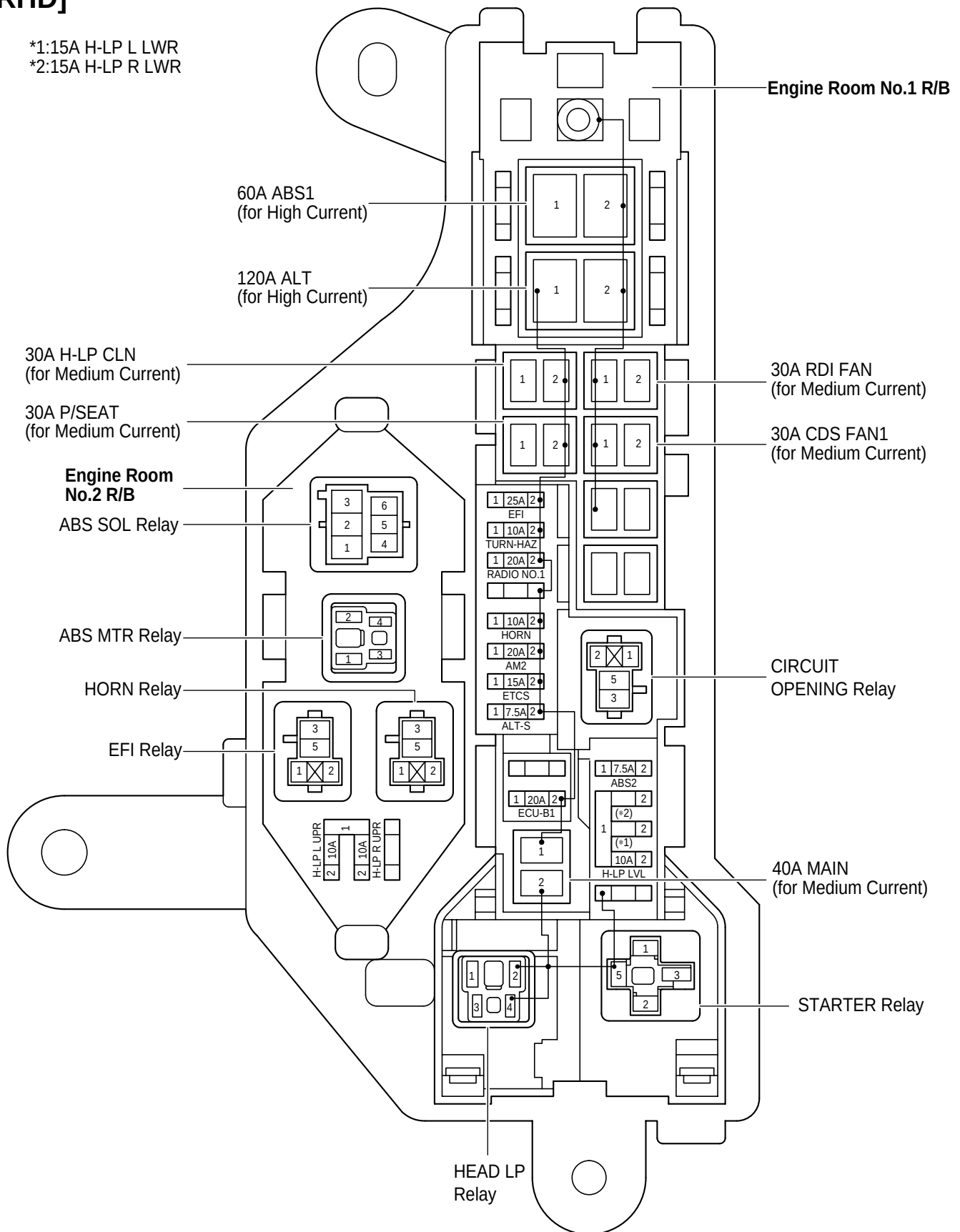
① : Engine Room No.1 R/B

② : Engine Room No.2 R/B

## Engine Compartment Left (See Page 8)

[RHD]

\*1:15A H-LP L LWR  
 \*2:15A H-LP R LWR

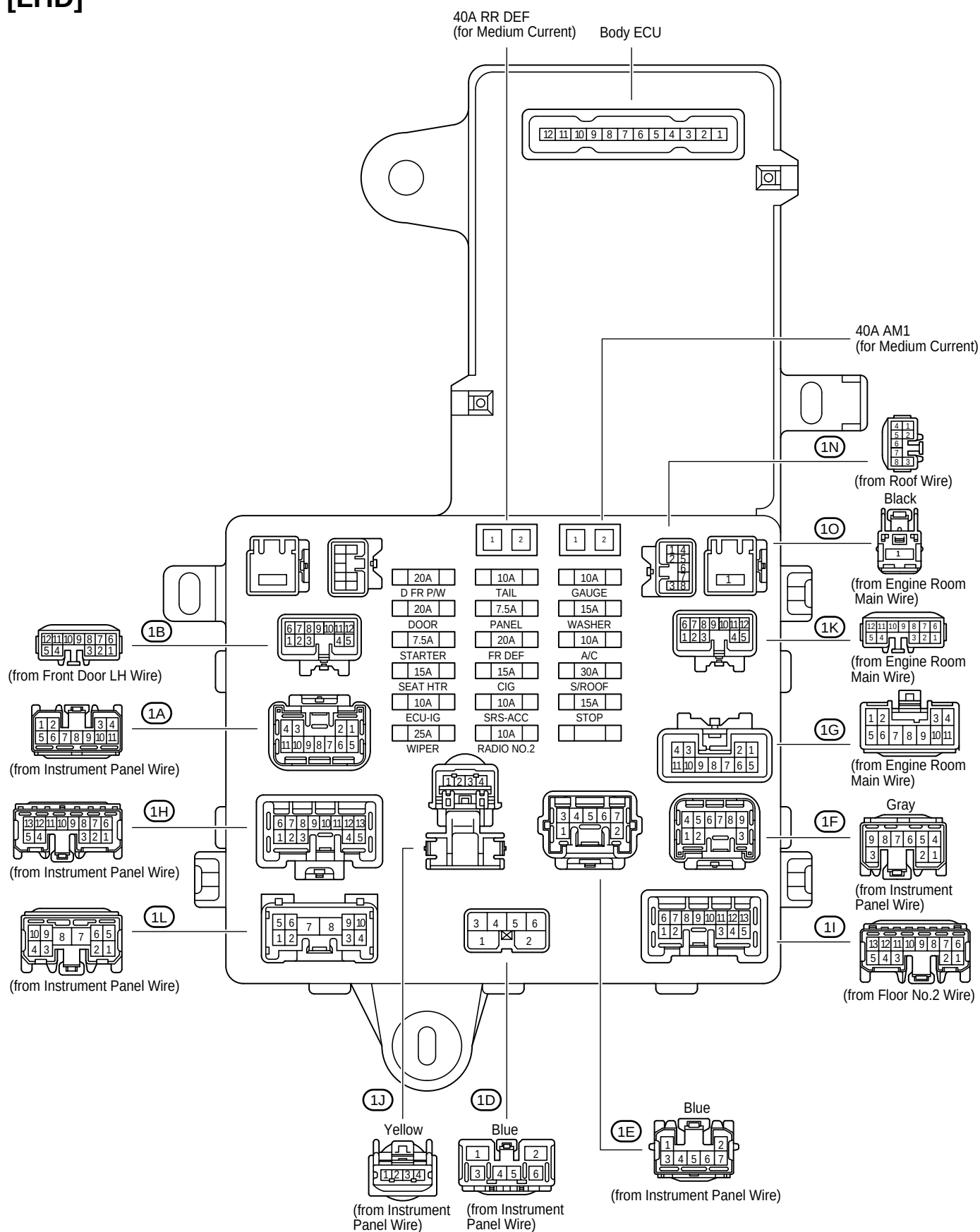


## D RELAY LOCATIONS

○ : Driver Side J/B

Left Kick Panel (See Page 9)

[LHD]

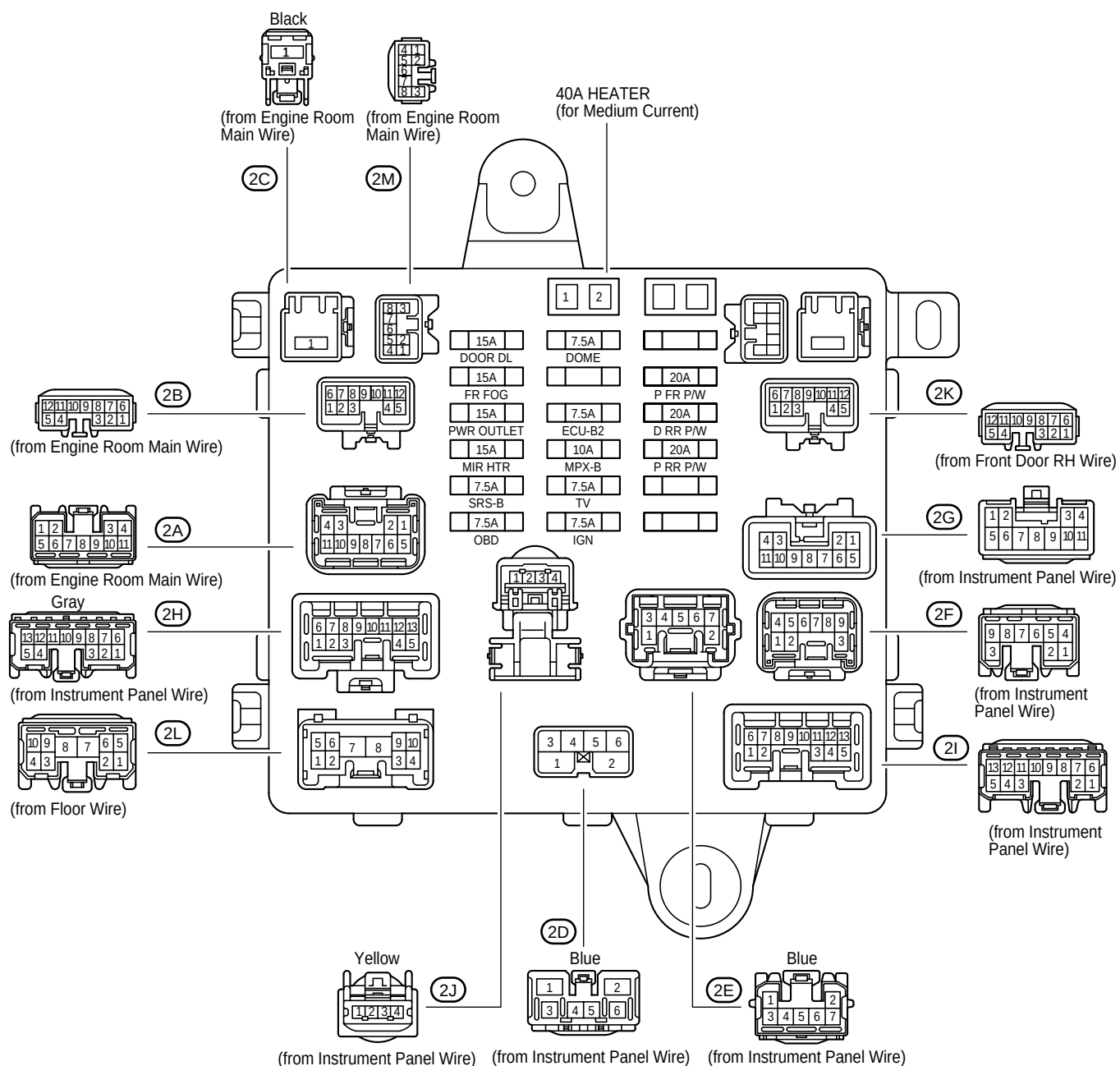


## D RELAY LOCATIONS

○ : Passenger Side J/B

Right Kick Panel (See Page 9)

[LHD]

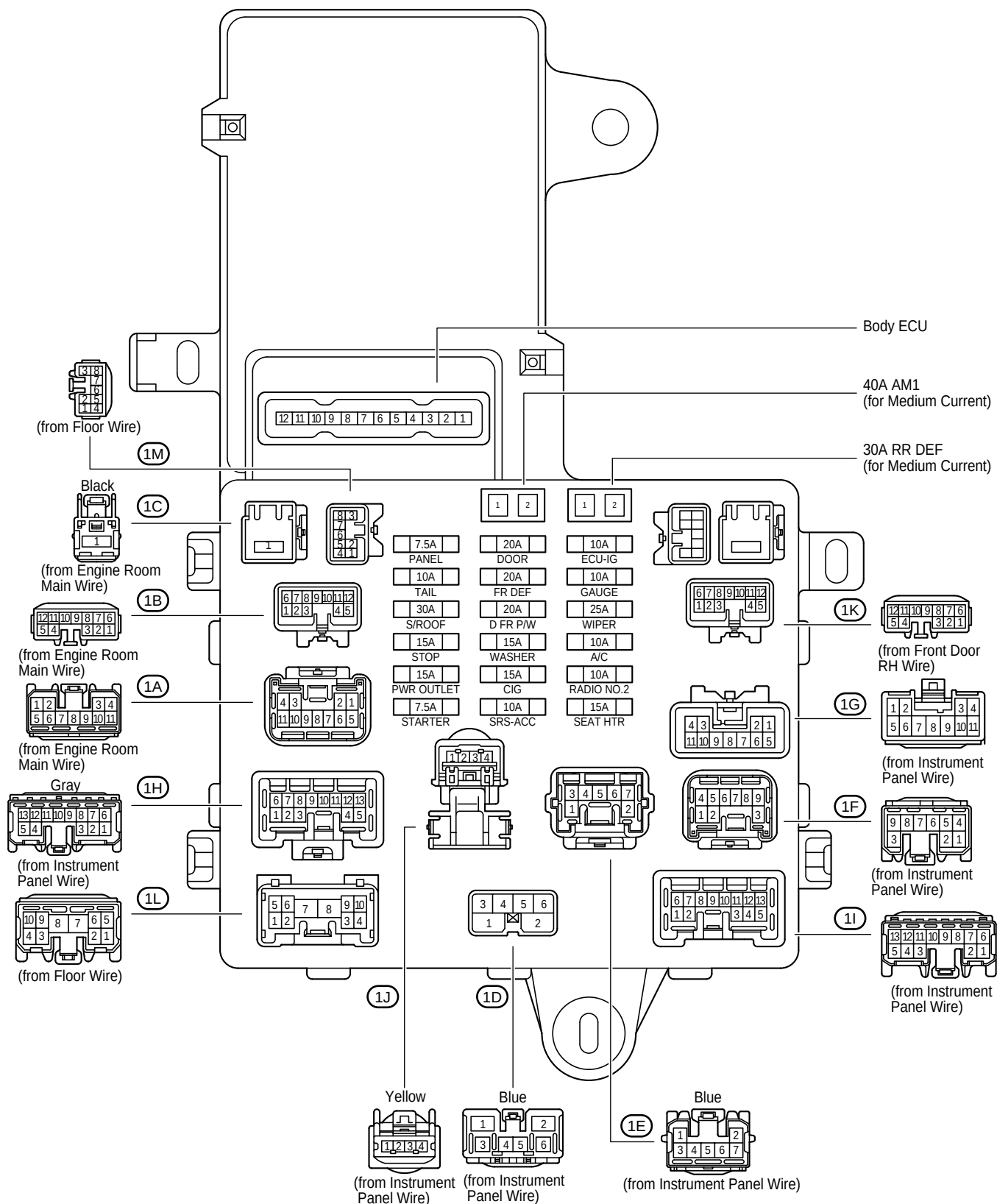


## D RELAY LOCATIONS

○ : Driver Side J/B

Right Kick Panel (See Page 9)

[RHD]

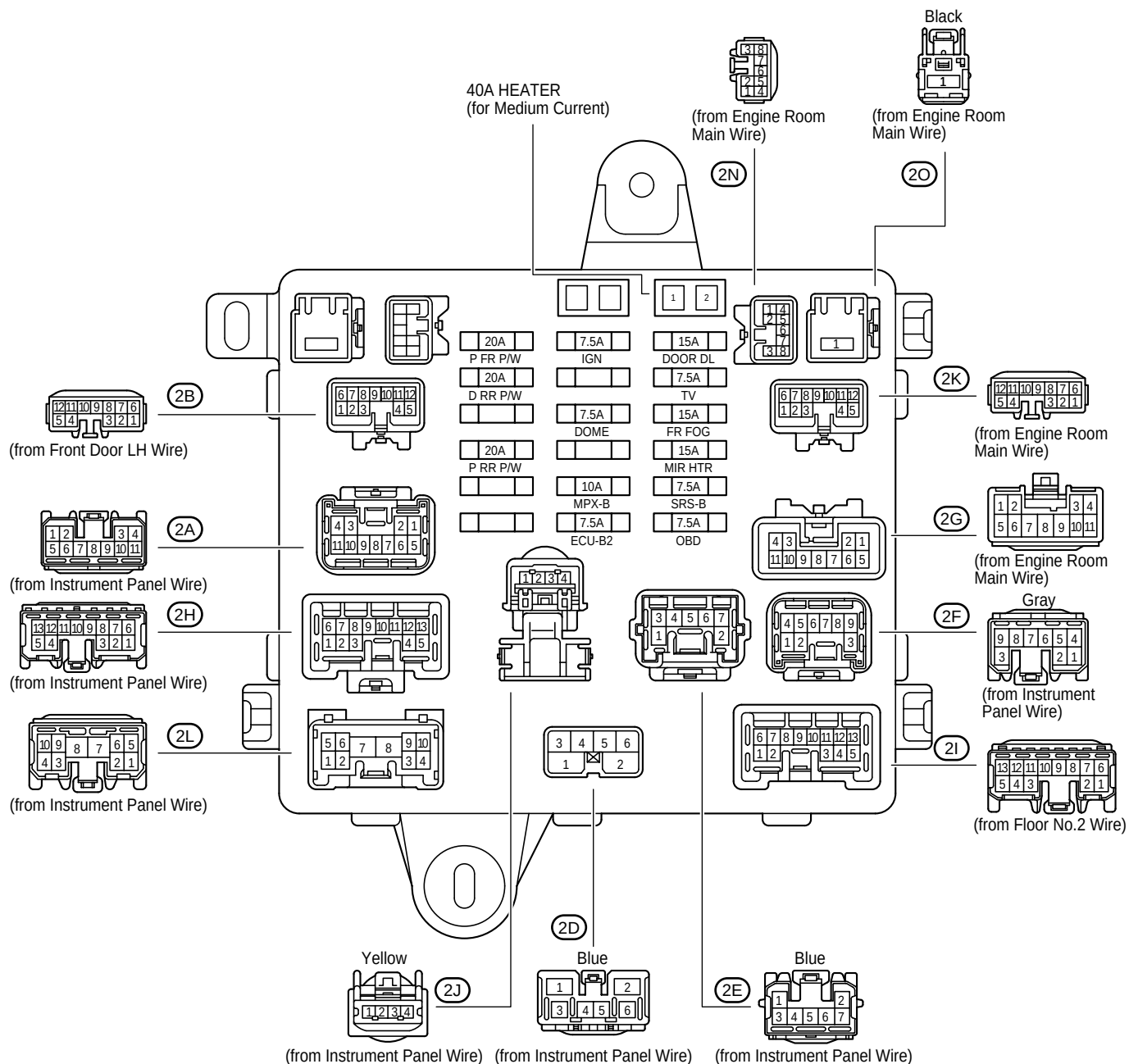


## D RELAY LOCATIONS

○ : Passenger Side J/B

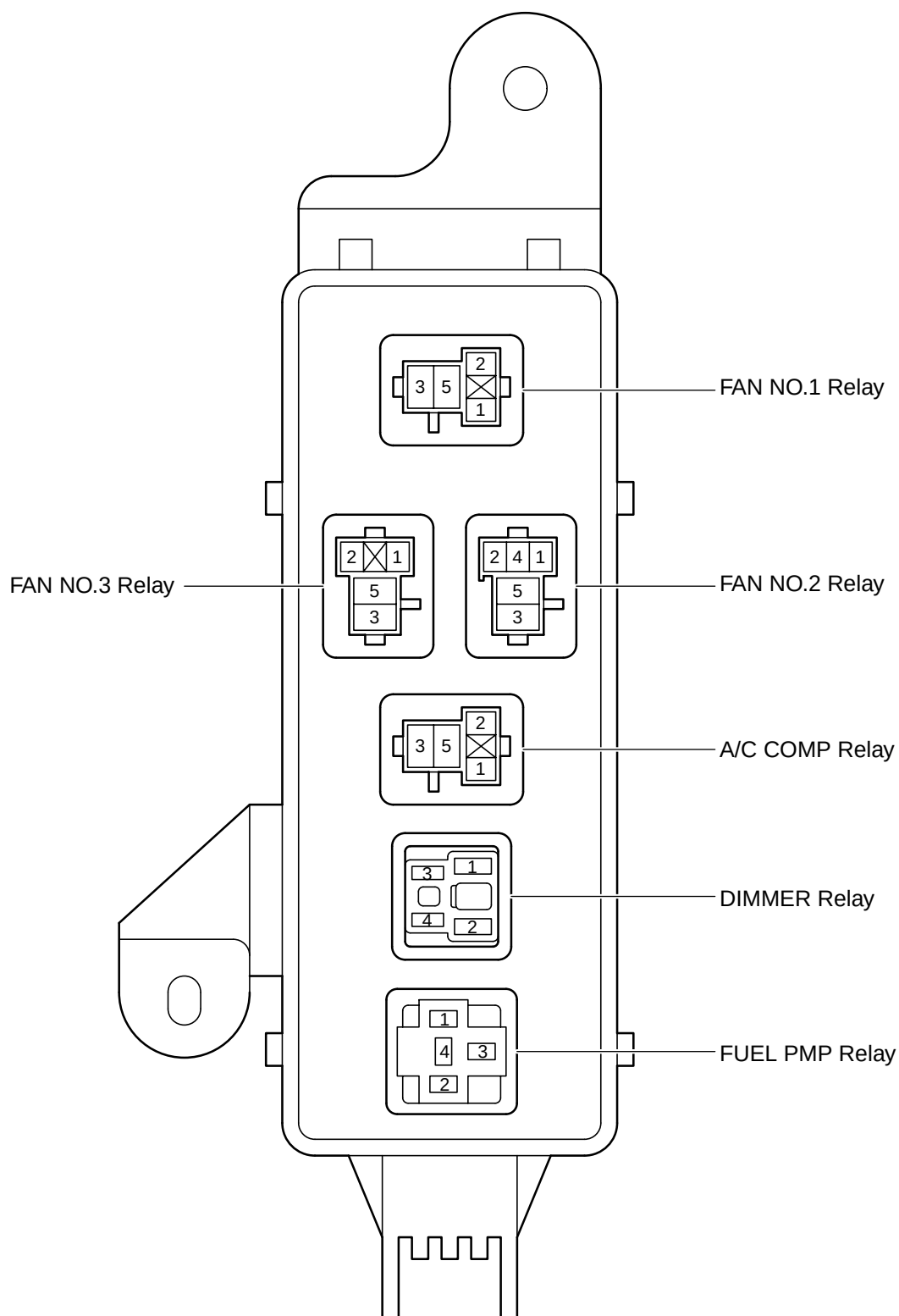
Left Kick Panel (See Page 9)

[RHD]



## D RELAY LOCATIONS

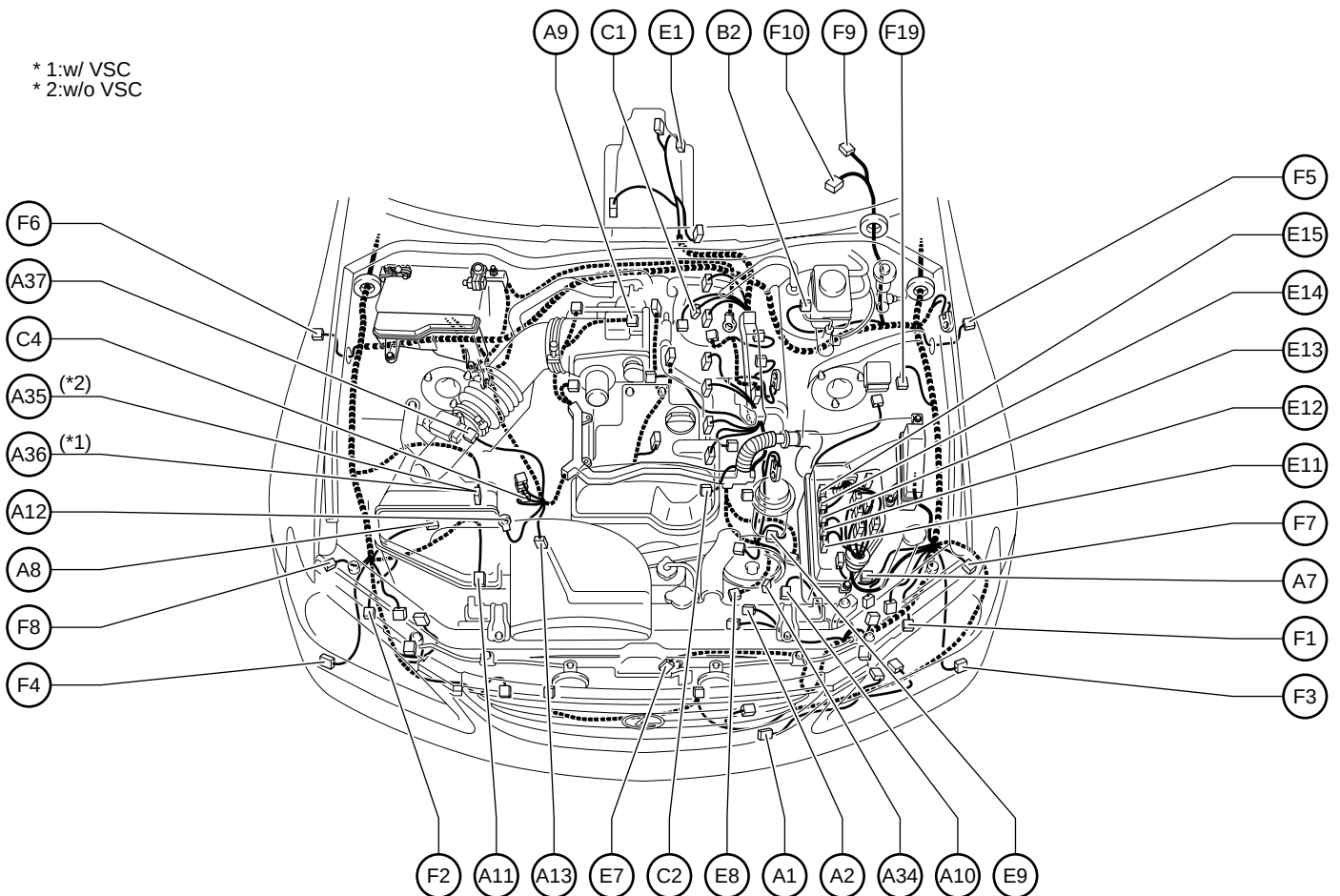
③ : Engine Room No.3 R/B Engine Compartment Left (See Page 8)



## E ELECTRICAL WIRING ROUTING

### Position of Parts in Engine Compartment

[LHD : 2JZ-GE]



\* 1:w/ VSC  
\* 2:w/o VSC

A 1 A/C Ambient Temp. Sensor  
A 2 A/C Condenser Fan Motor  
A 7 ABS Speed Sensor Front LH  
A 8 ABS Speed Sensor Front RH  
A 9 Accel Position Sensor  
A10 Airbag Sensor Front LH  
A11 Airbag Sensor Front RH  
A12 Alternator  
A13 Alternator  
A34 A/C Magnetic Clutch and Lock Sensor  
A35 ABS & BA & TRC Actuator  
A36 ABS & BA & TRC & VSC Actuator  
A37 Air Flow Meter

B 2 Brake Fluid Level Warning SW

C 1 Camshaft Position Sensor  
C 2 Camshaft Timing Oil Control Valve  
C 4 Crankshaft Position Sensor

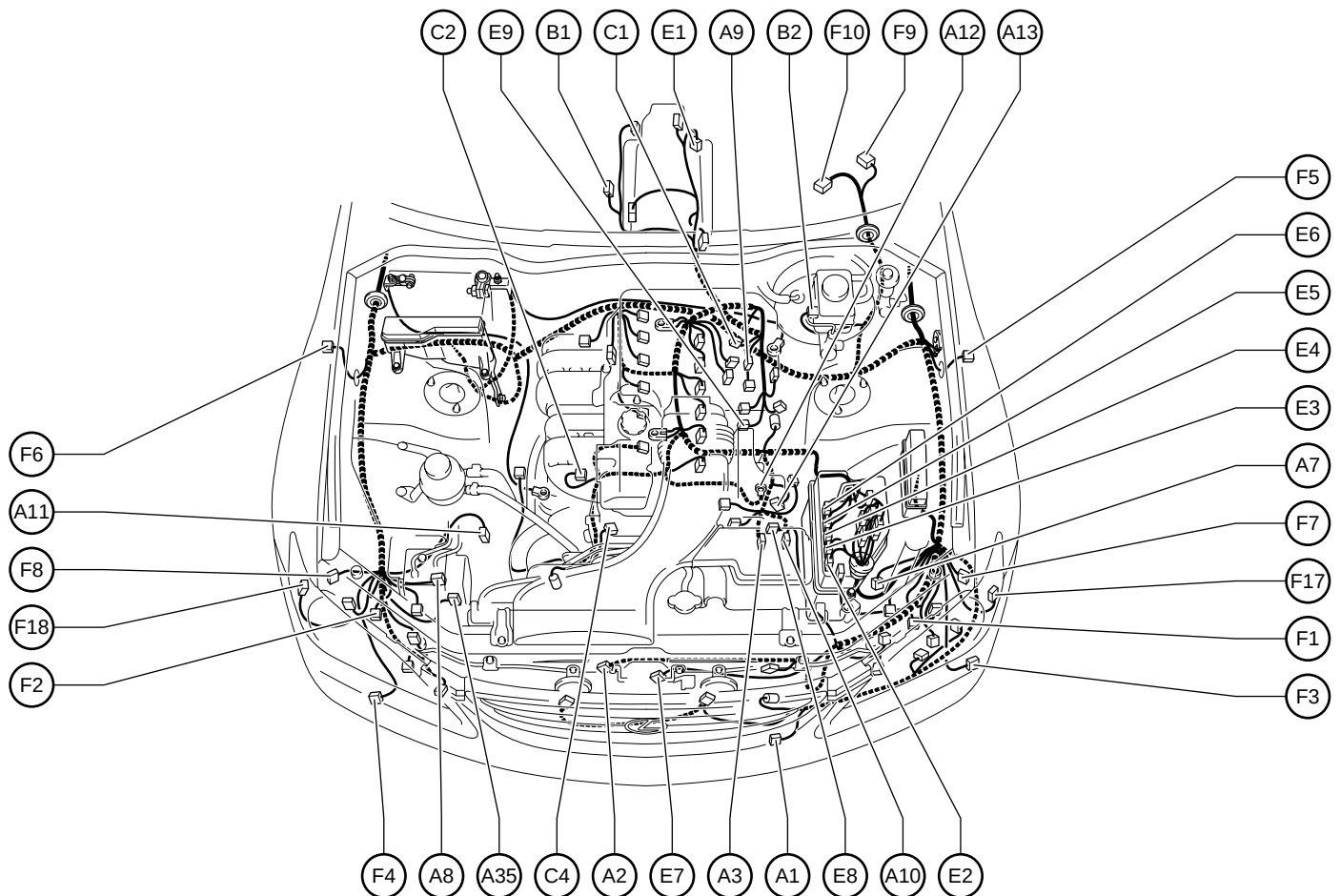
E 1 ECT Solenoid  
E 7 Engine Hood Courtesy SW  
E 8 Engine Oil Level Sensor  
E 9 Engine Oil Pressure SW  
E11 Engine and ECT ECU  
E12 Engine and ECT ECU  
E13 Engine and ECT ECU  
E14 Engine and ECT ECU  
E15 Engine and ECT ECU

F 1 Front Clearance Light LH  
F 2 Front Clearance Light RH  
F 3 Front Fog Light LH  
F 4 Front Fog Light RH  
F 5 Front Side Turn Signal Light LH  
F 6 Front Side Turn Signal Light RH  
F 7 Front Turn Signal Light LH  
F 8 Front Turn Signal Light RH  
F 9 Front Window Deicer  
F10 Front Wiper Motor  
F19 Fuel Pump Resistor

## E ELECTRICAL WIRING ROUTING

### Position of Parts in Engine Compartment

[LHD : 1G-FE]



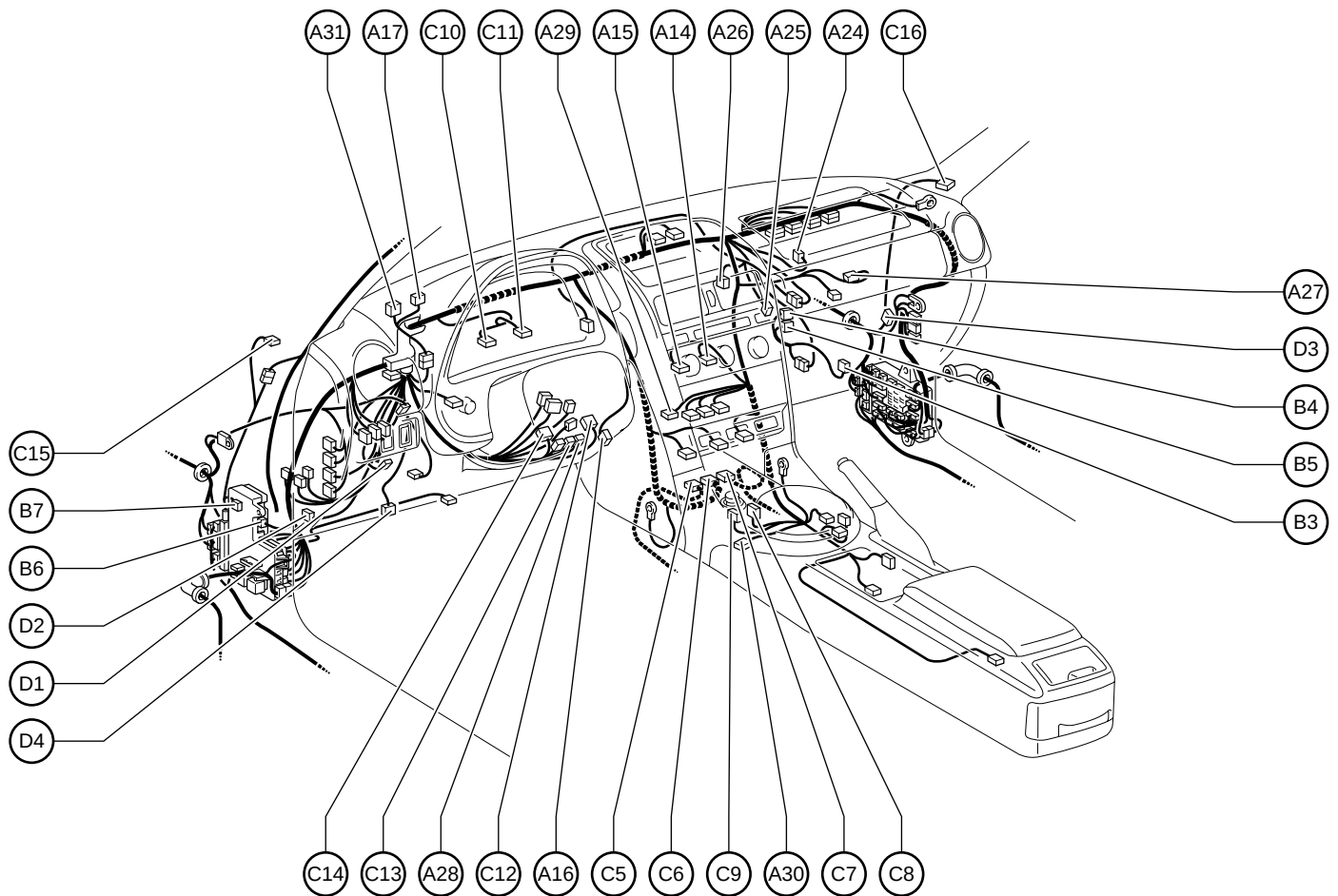
- A 1 A/C Ambient Temp. Sensor
- A 2 A/C Condenser Fan Motor
- A 3 A/C Magnetic Clutch
- A 7 ABS Speed Sensor Front LH
- A 8 ABS Speed Sensor Front RH
- A 9 Accel Position Sensor
- A10 Airbag Sensor Front LH
- A11 Airbag Sensor Front RH
- A12 Alternator
- A13 Alternator
- A35 ABS & BA & TRC Actuator
  
- B 1 Back-Up Light SW
- B 2 Brake Fluid Level Warning SW
  
- C 1 Camshaft Position Sensor
- C 2 Camshaft Timing Oil Control Valve
- C 4 Crankshaft Position Sensor
  
- E 1 ECT Solenoid
- E 2 Engine and ECT ECU (A/T)  
Engine ECU (M/T)
- E 3 Engine and ECT ECU (A/T)  
Engine ECU (M/T)

- E 4 Engine and ECT ECU (A/T)
- E 5 Engine and ECT ECU (A/T)  
Engine ECU (M/T)
- E 6 Engine and ECT ECU (A/T)  
Engine ECU (M/T)
- E 7 Engine Hood Courtesy SW
- E 8 Engine Oil Level Sensor
- E 9 Engine Oil Pressure SW
  
- F 1 Front Clearance Light LH
- F 2 Front Clearance Light RH
- F 3 Front Fog Light LH
- F 4 Front Fog Light RH
- F 5 Front Side Turn Signal Light LH
- F 6 Front Side Turn Signal Light RH
- F 7 Front Turn Signal Light LH
- F 8 Front Turn Signal Light RH
- F 9 Front Window Deicer
- F10 Front Wiper Motor
- F17 Front Side Marker Light LH
- F18 Front Side Marker Light RH

## E ELECTRICAL WIRING ROUTING

### Position of Parts in Instrument Panel

[LHD]



A14 A/C Control Assembly  
 A15 A/C Control Assembly  
 A16 A/C Room Temp. Sensor  
 A17 A/C Solar Sensor  
 A24 Air Inlet Control Servo Motor  
 A25 Air Mix Control Servo Motor  
 A26 Air Vent Mode Control Servo Motor  
 A27 Airbag Squib (Front Passenger Airbag Assembly)  
 A28 Airbag Squib (Steering Wheel Pad)  
 A29 Antenna Amplifier  
 A30 Ashtray Illumination  
 A31 Automatic Light Control Sensor

B 3 Blower Motor  
 B 4 Blower Motor Controller  
 B 5 Blower Motor Controller  
 B 6 Body ECU  
 B 7 Body ECU

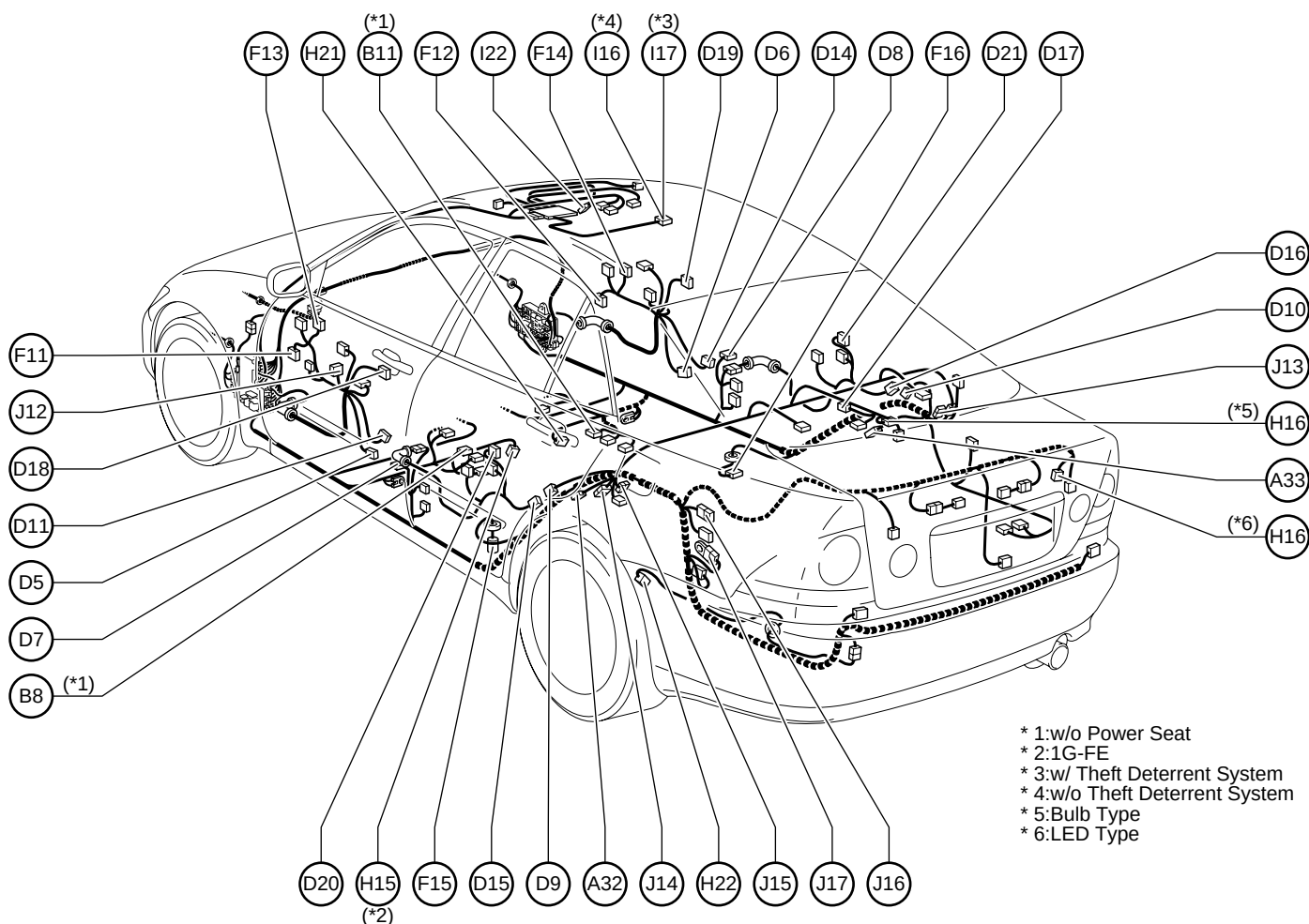
C 5 Center Airbag Sensor Assembly  
 C 6 Center Airbag Sensor Assembly  
 C 7 Center Airbag Sensor Assembly  
 C 8 Cigarette Lighter  
 C 9 Cigarette Lighter Illumination  
 C10 Combination Meter  
 C11 Combination Meter  
 C12 Combination SW  
 C13 Combination SW  
 C14 Combination SW  
 C15 Curtain Shield Airbag Squib LH  
 C16 Curtain Shield Airbag Squib RH

D 1 Daytime Running Light Relay  
 Short Connector  
 D 2 Double Locking ECU  
 D 3 Diode (A/C)  
 D 4 DLC3

# E ELECTRICAL WIRING ROUTING

## Position of Parts in Body

[LHD : S/D]



- \* 1:w/o Power Seat
- \* 2:1G-FE
- \* 3:w/ Theft Deterrent System
- \* 4:w/o Theft Deterrent System
- \* 5:Bulb Type
- \* 6:LED Type

A 32 ABS Speed Sensor Rear LH  
A 33 ABS Speed Sensor Rear RH

B 8 Buckle SW LH  
B 11 Buckle SW RH and  
Seat Belt Warning Occupant Detection Sensor

D 5 Door Courtesy Light Front LH  
D 6 Door Courtesy Light Front RH  
D 7 Door Courtesy SW Front LH  
D 8 Door Courtesy SW Front RH  
D 9 Door Courtesy SW Rear LH  
D 10 Door Courtesy SW Rear RH  
D 11 Door Key Lock and Unlock SW Front LH  
Door Lock Detection SW Front LH  
Door Lock Motor Front LH  
D 14 Door Lock Detection SW Front RH  
Door Lock Motor Front RH  
D 15 Door Lock Detection SW Rear LH  
Door Lock Motor Rear LH  
D 16 Door Lock Detection SW Rear RH  
Door Lock Motor Rear RH  
D 17 Diode (Luggage Compartment)  
D 18 Door Lock Detection SW Front LH  
Door Lock Motor Front LH  
Double Lock Motor Front LH  
Double Lock Position SW Front LH  
D 19 Door Lock Detection SW Front RH  
Door Lock Motor Front RH  
Double Lock Motor Front RH  
Double Lock Position SW Front RH  
D 20 Door Lock Detection SW Rear LH  
Door Lock Motor Rear LH  
Double Lock Motor Rear LH  
Double Lock Position SW Rear LH

D 21 Door Lock Detection SW Rear RH  
Door Lock Motor Rear RH  
Double Lock Motor Rear RH  
Double Lock Position SW Rear RH

F 11 Front Door Speaker LH  
F 12 Front Door Speaker RH  
F 13 Front Door Tweeter Speaker LH  
F 14 Front Door Tweeter Speaker RH  
F 15 Fuel Pump  
Fuel Sender  
F 16 Fuel Sender (Sub)

H 15 Heated Oxygen Sensor (Bank 1 Sensor 2)  
H 16 High Mounted Stop Light  
H 21 Heated Oxygen Sensor (Bank 2 Sensor 2)  
H 22 Height Control Sensor Rear LH

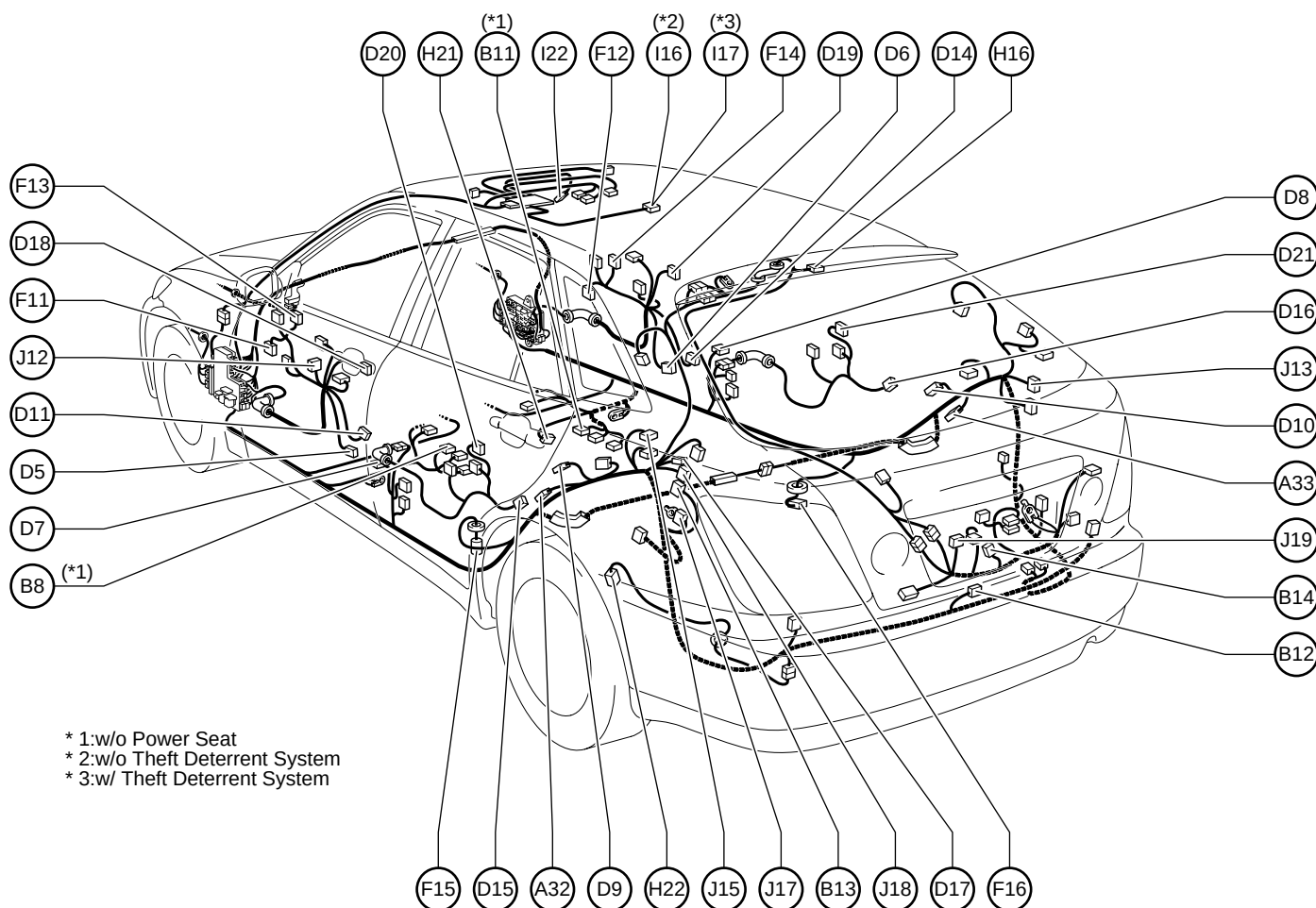
I 16 Interior Light  
I 17 Interior Light  
Radar Sensor  
I 22 Inner Mirror

J 12 Junction Connector  
J 13 Junction Connector  
J 14 Junction Connector  
J 15 Junction Connector  
J 16 Junction Connector  
J 17 Junction Connector

# E ELECTRICAL WIRING ROUTING

## Position of Parts in Body

[LHD : W/G]



- \* 1:w/o Power Seat
- \* 2:w/o Theft Deterrent System
- \* 3:w/ Theft Deterrent System

A 32 ABS Speed Sensor Rear LH  
A 33 ABS Speed Sensor Rear RH

B 8 Buckle SW LH  
B 11 Buckle SW RH and  
Seat Belt Warning Occupant Detection Sensor  
B 12 Back Door Courtesy SW and Opener Motor  
B 13 Back Door Opener Relay  
B 14 Back Door Opener SW

D 5 Door Courtesy Light Front LH  
D 6 Door Courtesy Light Front RH  
D 7 Door Courtesy SW Front LH  
D 8 Door Courtesy SW Front RH  
D 9 Door Courtesy SW Rear LH  
D 10 Door Courtesy SW Rear RH  
D 11 Door Key Lock and Unlock SW Front LH  
Door Lock Detection SW Front LH  
Door Lock Motor Front LH  
D 14 Door Lock Detection SW Front RH  
Door Lock Motor Front RH  
D 15 Door Lock Detection SW Rear LH  
Door Lock Motor Rear LH  
D 16 Door Lock Detection SW Rear RH  
Door Lock Motor Rear RH  
D 17 Diode (Luggage Compartment)  
D 18 Door Lock Detection SW Front LH  
Door Lock Motor Front LH  
Double Lock Motor Front LH  
Double Lock Position SW Front LH  
D 19 Door Lock Detection SW Front RH  
Door Lock Motor Front RH  
Double Lock Motor Front RH  
Double Lock Position SW Front RH

D 20 Door Lock Detection SW Rear LH  
Door Lock Motor Rear LH  
Double Lock Motor Rear LH  
Double Lock Position SW Rear LH  
D 21 Door Lock Detection SW Rear RH  
Door Lock Motor Rear RH  
Double Lock Motor Rear RH  
Double Lock Position SW Rear RH

F 11 Front Door Speaker LH  
F 12 Front Door Speaker RH  
F 13 Front Door Tweeter Speaker LH  
F 14 Front Door Tweeter Speaker RH  
F 15 Fuel Pump  
Fuel Sender  
F 16 Fuel Sender (Sub)

H 16 High Mounted Stop Light  
H 21 Heated Oxygen Sensor (Bank 2 Sensor 2)  
H 22 Height Control Sensor Rear LH

I 16 Interior Light  
I 17 Interior Light  
Radar Sensor  
I 22 Inner Mirror

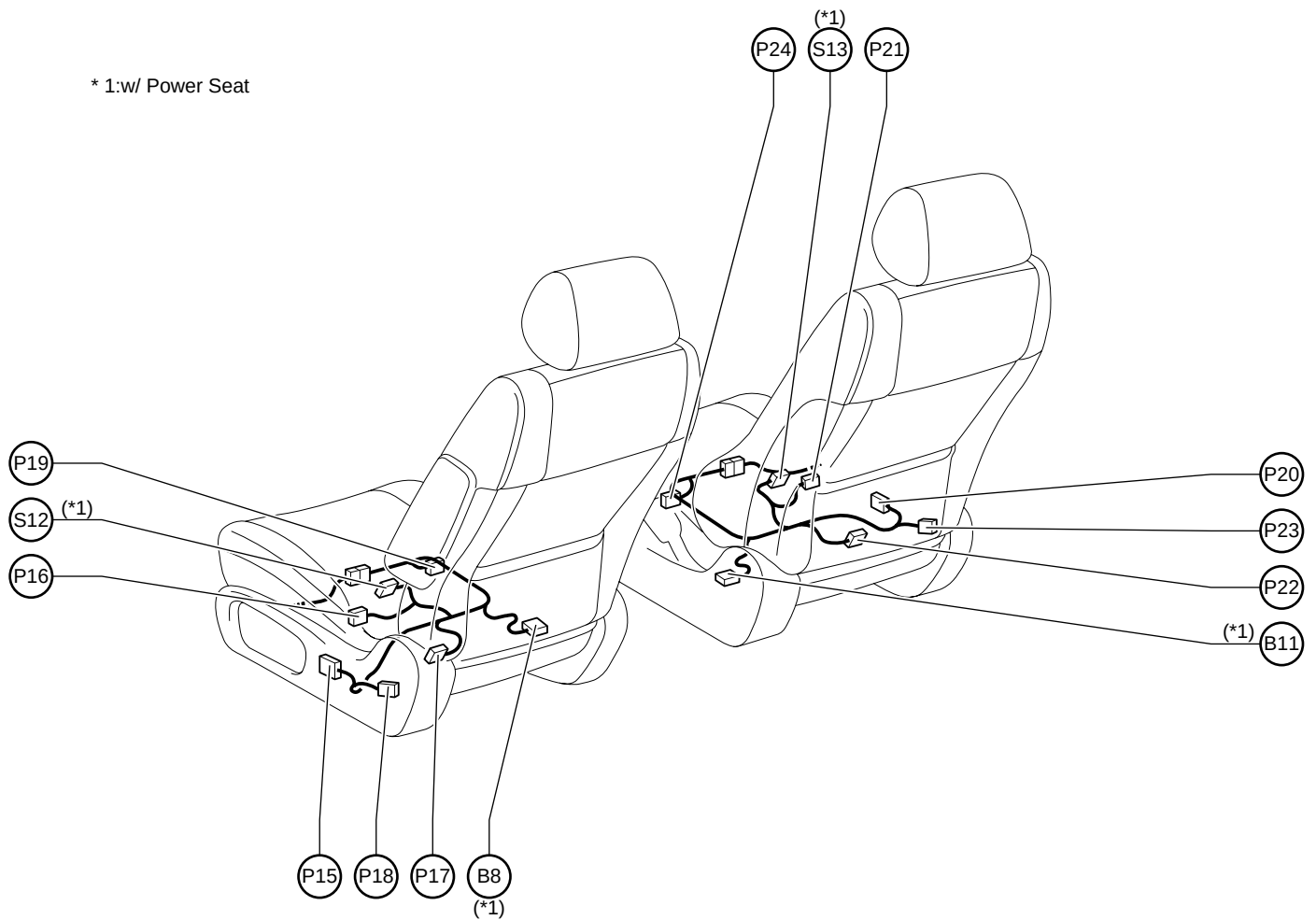
J 12 Junction Connector  
J 13 Junction Connector  
J 15 Junction Connector  
J 17 Junction Connector  
J 18 Junction Connector  
J 19 Junction Connector

## E ELECTRICAL WIRING ROUTING

### Position of Parts in Seat

[LHD]

\* 1:w/ Power Seat



B 8 Buckle SW LH  
 B 11 Buckle SW RH and  
 Seat Belt Warning Occupant Detection Sensor

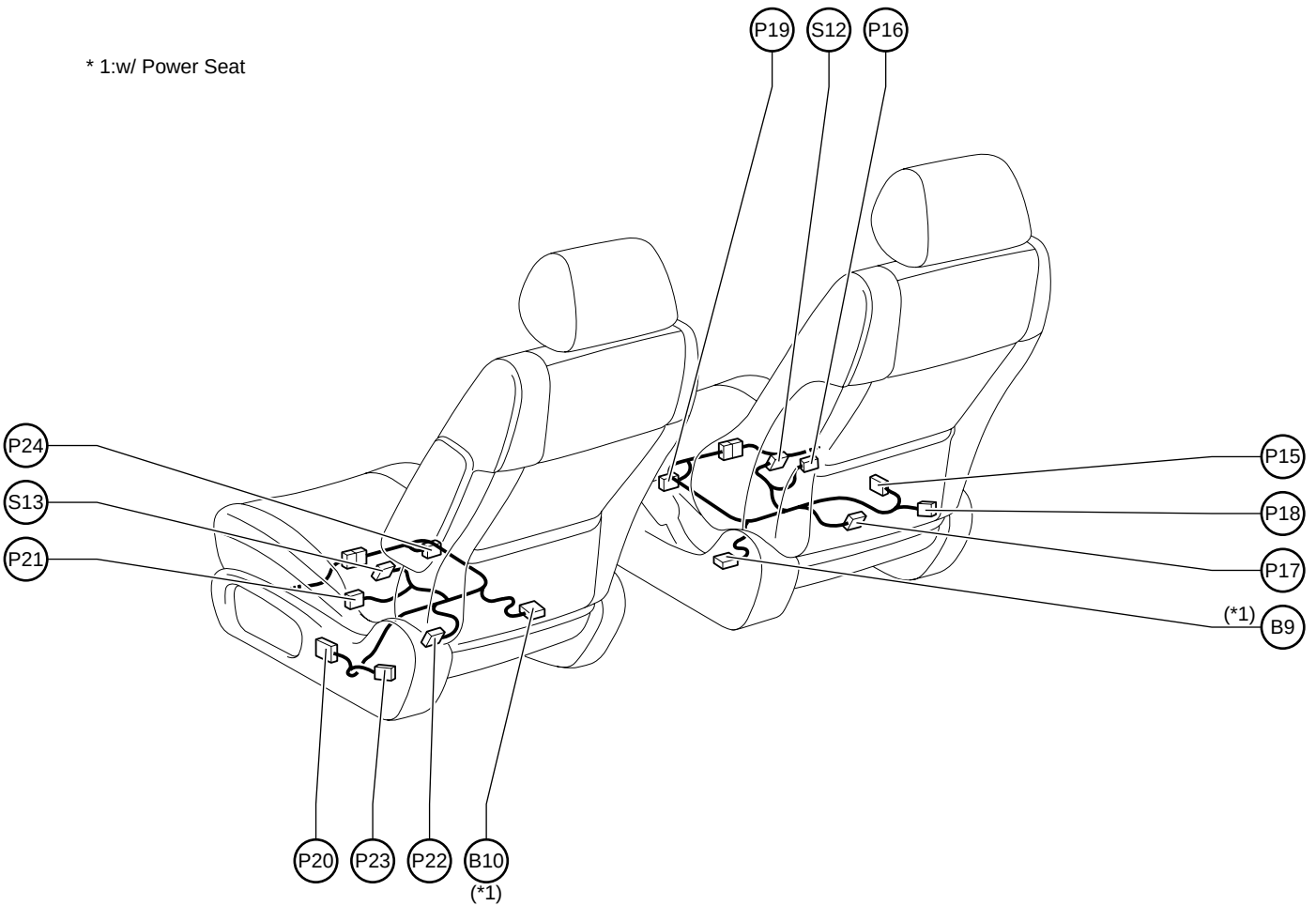
S 12 Seat Heater (Driver's Seat)  
 S 13 Seat Heater (Passenger's Seat)

P 15 Power Seat Control SW (Driver's Seat)  
 P 16 Power Seat Motor (Driver's Seat Front Vertical Control)  
 P 17 Power Seat Motor (Driver's Seat Rear Vertical Control)  
 P 18 Power Seat Motor (Driver's Seat Reclining Control)  
 P 19 Power Seat Motor (Driver's Seat Slide Control)  
 P 20 Power Seat Control SW (Front Passenger's Seat)  
 P 21 Power Seat Motor  
 (Front Passenger's Seat Front Vertical Control)  
 P 22 Power Seat Motor  
 (Front Passenger's Seat Rear Vertical Control)  
 P 23 Power Seat Motor  
 (Front Passenger's Seat Reclining Control)  
 P 24 Power Seat Motor  
 (Front Passenger's Seat Slide Control)

## Position of Parts in Seat

**[RHD]**

\* 1:w/ Power Seat



B 9 Buckle SW RH  
 B10 Buckle SW LH and  
 Seat Belt Warning Occupant Detection Sensor

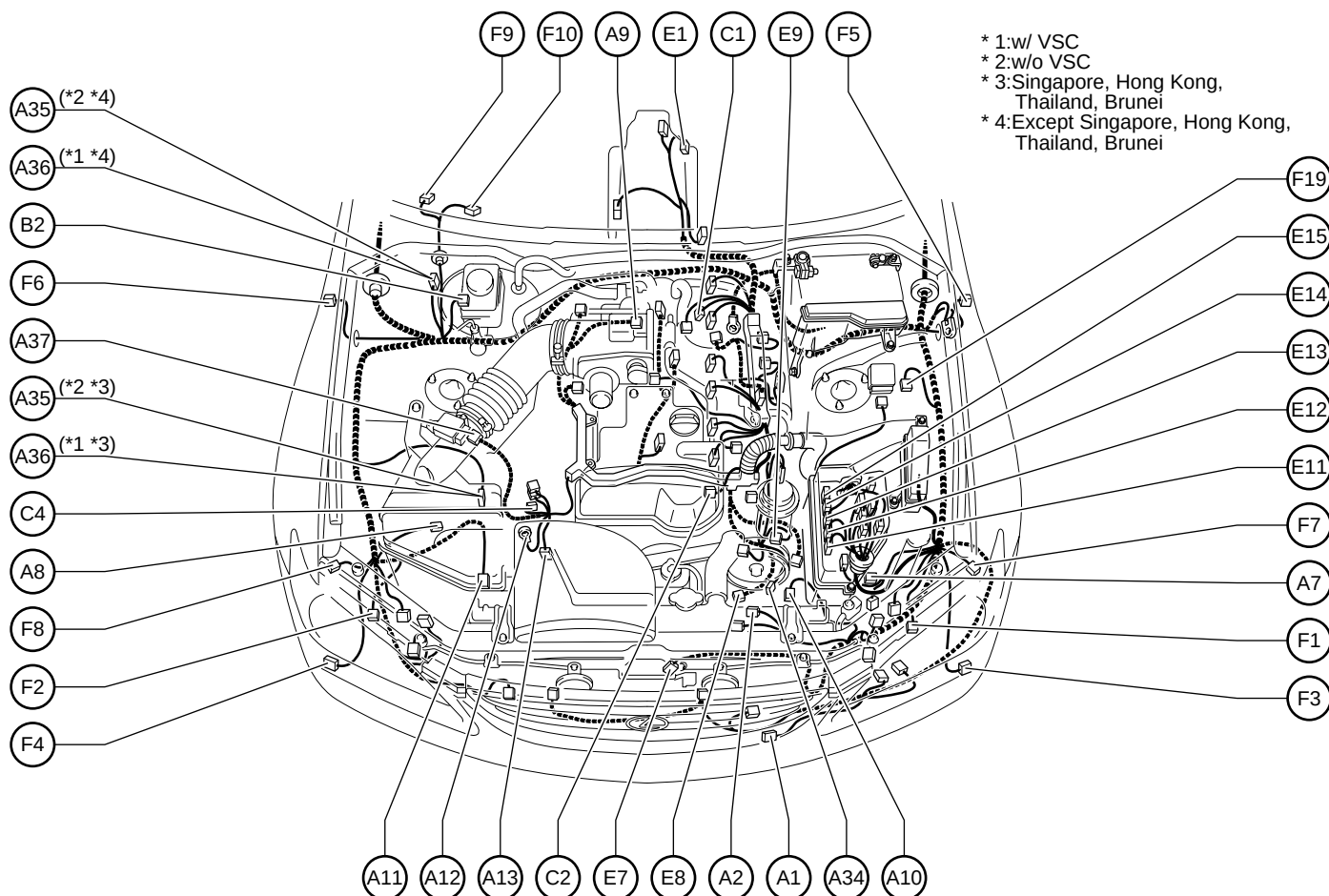
S12 Seat Heater (Driver's Seat)  
 S13 Seat Heater (Passenger's Seat)

P15 Power Seat Control SW (Driver's Seat)  
 P16 Power Seat Motor (Driver's Seat Front Vertical Control)  
 P17 Power Seat Motor (Driver's Seat Rear Vertical Control)  
 P18 Power Seat Motor (Driver's Seat Reclining Control)  
 P19 Power Seat Motor (Driver's Seat Slide Control)  
 P20 Power Seat Control SW (Front Passenger's Seat)  
 P21 Power Seat Motor  
 (Front Passenger's Seat Front Vertical Control)  
 P22 Power Seat Motor  
 (Front Passenger's Seat Rear Vertical Control)  
 P23 Power Seat Motor  
 (Front Passenger's Seat Reclining Control)  
 P24 Power Seat Motor  
 (Front Passenger's Seat Slide Control)

## E ELECTRICAL WIRING ROUTING

### Position of Parts in Engine Compartment

[RHD : 2JZ-GE]



- \* 1:w/ VSC
- \* 2:w/o VSC
- \* 3:Singapore, Hong Kong, Thailand, Brunei
- \* 4:Except Singapore, Hong Kong, Thailand, Brunei

A 1 A/C Ambient Temp. Sensor  
 A 2 A/C Condenser Fan Motor  
 A 7 ABS Speed Sensor Front LH  
 A 8 ABS Speed Sensor Front RH  
 A 9 Accel Position Sensor  
 A10 Airbag Sensor Front LH  
 A11 Airbag Sensor Front RH  
 A12 Alternator  
 A13 Alternator  
 A34 A/C Magnetic Clutch and Lock Sensor  
 A35 ABS & BA & TRC Actuator  
 A36 ABS & BA & TRC & VSC Actuator  
 A37 Air Flow Meter

B 2 Brake Fluid Level Warning SW

C 1 Camshaft Position Sensor  
 C 2 Camshaft Timing Oil Control Valve  
 C 4 Crankshaft Position Sensor

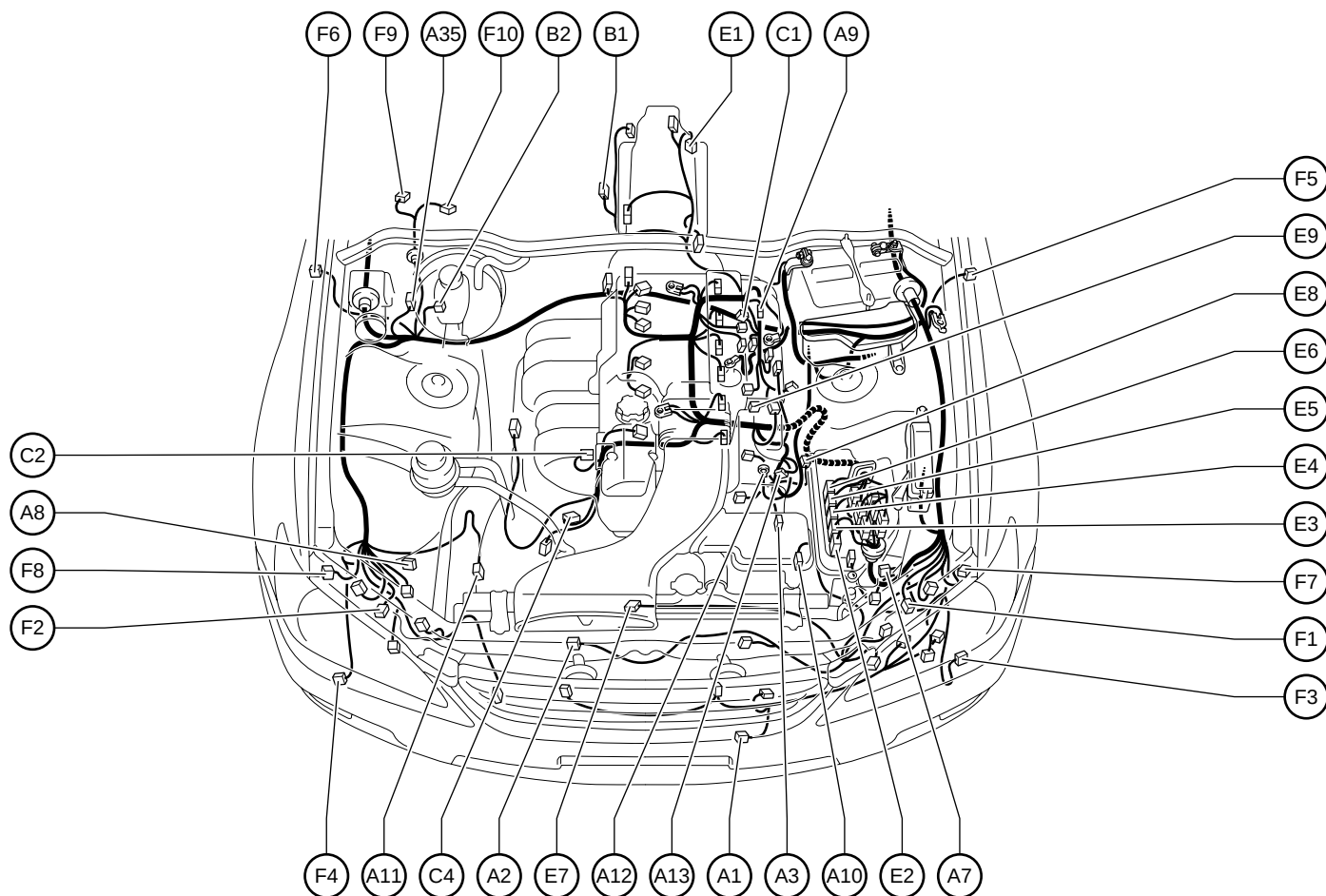
E 1 ECT Solenoid  
 E 7 Engine Hood Courtesy SW  
 E 8 Engine Oil Level Sensor  
 E 9 Engine Oil Pressure SW  
 E11 Engine and ECT ECU  
 E12 Engine and ECT ECU  
 E13 Engine and ECT ECU  
 E14 Engine and ECT ECU  
 E15 Engine and ECT ECU

F 1 Front Clearance Light LH  
 F 2 Front Clearance Light RH  
 F 3 Front Fog Light LH  
 F 4 Front Fog Light RH  
 F 5 Front Side Turn Signal Light LH  
 F 6 Front Side Turn Signal Light RH  
 F 7 Front Turn Signal Light LH  
 F 8 Front Turn Signal Light RH  
 F 9 Front Window Deicer  
 F10 Front Wiper Motor  
 F19 Fuel Pump Resistor

## E ELECTRICAL WIRING ROUTING

### Position of Parts in Engine Compartment

[RHD : 1G-FE]



A 1 A/C Ambient Temp. Sensor

A 2 A/C Condenser Fan Motor

A 3 A/C Magnetic Clutch

A 7 ABS Speed Sensor Front LH

A 8 ABS Speed Sensor Front RH

A 9 Accel Position Sensor

A10 Airbag Sensor Front LH

A11 Airbag Sensor Front RH

A12 Alternator

A13 Alternator

A35 ABS & BA & TRC Actuator

B 1 Back-Up Light SW

B 2 Brake Fluid Level Warning SW

C 1 Camshaft Position Sensor

C 2 Camshaft Timing Oil Control Valve

C 4 Crankshaft Position Sensor

E 1 ECT Solenoid

E 2 Engine and ECT ECU (A/T)  
Engine ECU (M/T)

E 3 Engine and ECT ECU (A/T)  
Engine ECU (M/T)

E 4 Engine and ECT ECU (A/T)  
Engine ECU (M/T)

E 5 Engine and ECT ECU (A/T)  
Engine ECU (M/T)

E 6 Engine and ECT ECU (A/T)  
Engine ECU (M/T)

E 7 Engine Hood Courtesy SW

E 8 Engine Oil Level Sensor

E 9 Engine Oil Pressure SW

F 1 Front Clearance Light LH

F 2 Front Clearance Light RH

F 3 Front Fog Light LH

F 4 Front Fog Light RH

F 5 Front Side Turn Signal Light LH

F 6 Front Side Turn Signal Light RH

F 7 Front Turn Signal Light LH

F 8 Front Turn Signal Light RH

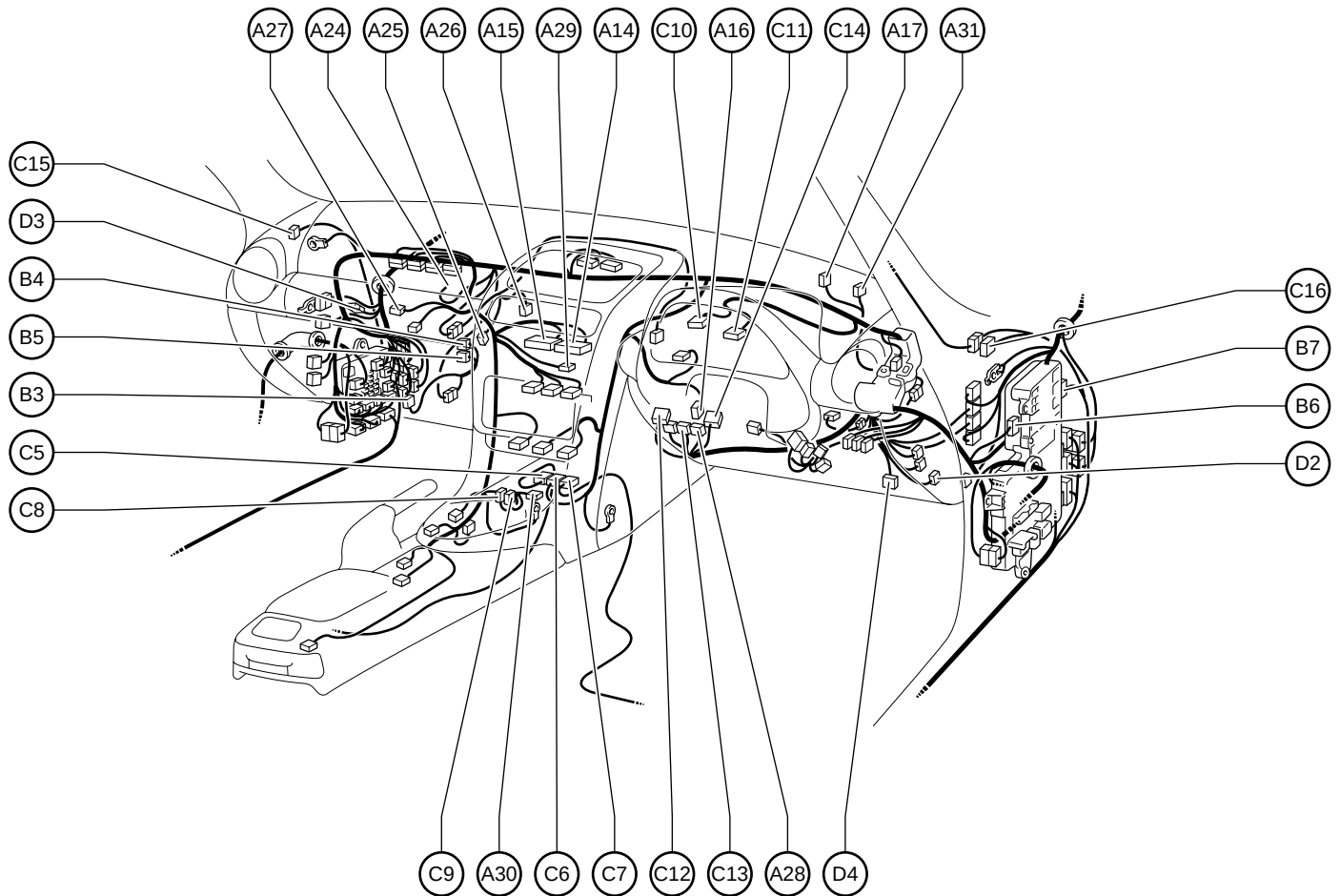
F 9 Front Window Deicer

F10 Front Wiper Motor

## E ELECTRICAL WIRING ROUTING

### Position of Parts in Instrument Panel

[RHD]



A14 A/C Control Assembly  
 A15 A/C Control Assembly  
 A16 A/C Room Temp. Sensor  
 A17 A/C Solar Sensor  
 A24 Air Inlet Control Servo Motor  
 A25 Air Mix Control Servo Motor  
 A26 Air Vent Mode Control Servo Motor  
 A27 Airbag Squib (Front Passenger Airbag Assembly)  
 A28 Airbag Squib (Steering Wheel Pad)  
 A29 Antenna Amplifier  
 A30 Ashtray Illumination  
 A31 Automatic Light Control Sensor

B 3 Blower Motor  
 B 4 Blower Motor Controller  
 B 5 Blower Motor Controller  
 B 6 Body ECU  
 B 7 Body ECU

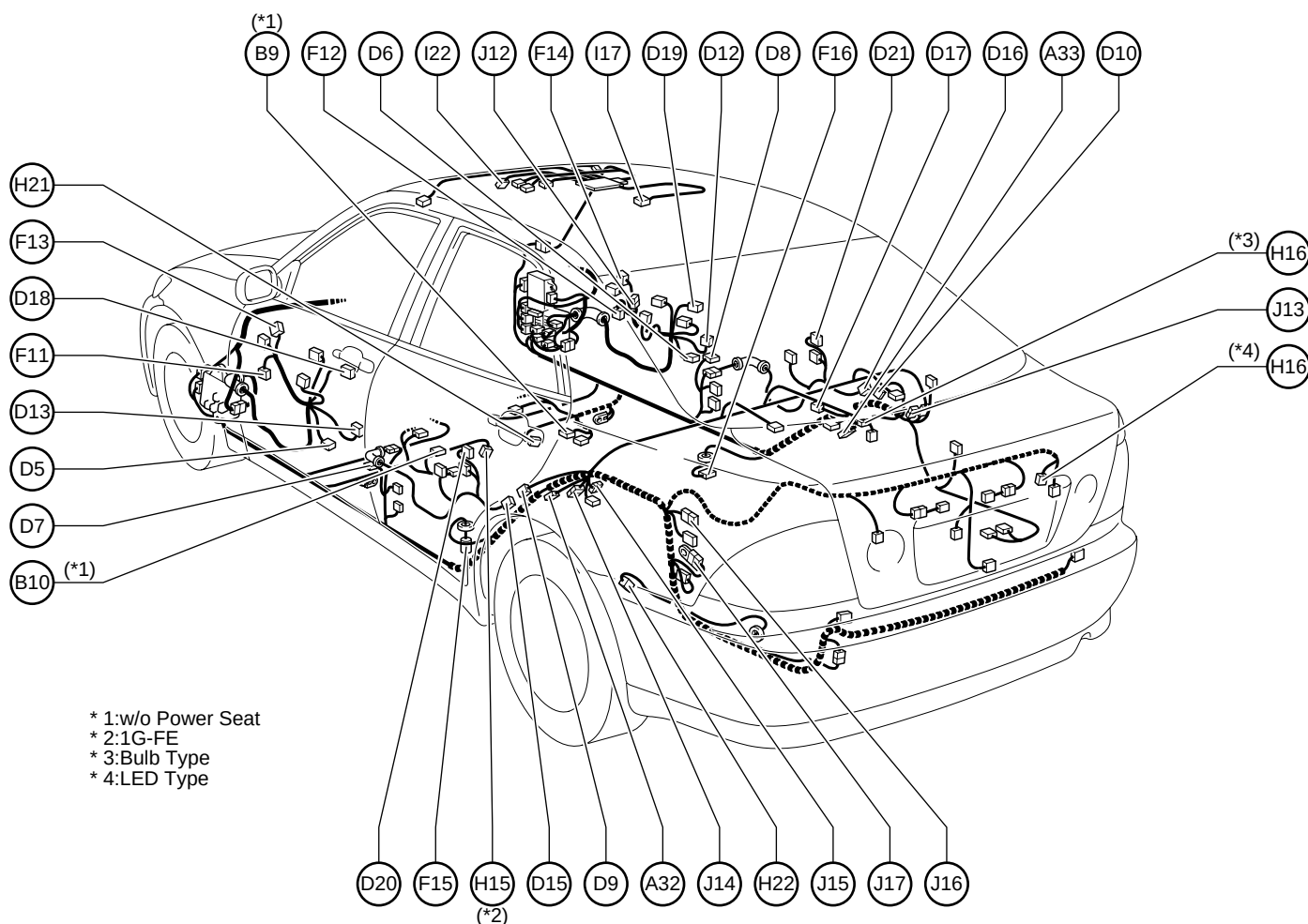
C 5 Center Airbag Sensor Assembly  
 C 6 Center Airbag Sensor Assembly  
 C 7 Center Airbag Sensor Assembly  
 C 8 Cigarette Lighter  
 C 9 Cigarette Lighter Illumination  
 C10 Combination Meter  
 C11 Combination Meter  
 C12 Combination SW  
 C13 Combination SW  
 C14 Combination SW  
 C15 Curtain Shield Airbag Squib LH  
 C16 Curtain Shield Airbag Squib RH

D 2 Double Locking ECU  
 D 3 Diode (A/C)  
 D 4 DLC3

# E ELECTRICAL WIRING ROUTING

## Position of Parts in Body

[RHD : S/D]



- \* 1:w/o Power Seat
- \* 2:1G-FE
- \* 3:Bulb Type
- \* 4:LED Type

A 32 ABS Speed Sensor Rear LH  
A 33 ABS Speed Sensor Rear RH

B 9 Buckle SW RH  
B 10 Buckle SW LH and  
Seat Belt Warning Occupant Detection Sensor

D 5 Door Courtesy Light Front LH  
D 6 Door Courtesy Light Front RH  
D 7 Door Courtesy SW Front LH  
D 8 Door Courtesy SW Front RH  
D 9 Door Courtesy SW Rear LH  
D 10 Door Courtesy SW Rear RH  
D 12 Door Key Lock and Unlock SW Front RH  
Door Lock Detection SW Front RH  
Door Lock Motor Front RH  
D 13 Door Lock Detection SW Front LH  
Door Lock Motor Front LH  
D 15 Door Lock Detection SW Rear LH  
Door Lock Motor Rear LH  
D 16 Door Lock Detection SW Rear RH  
Door Lock Motor Rear RH  
D 17 Diode (Luggage Compartment)  
D 18 Door Lock Detection SW Front LH  
Door Lock Motor Front LH  
Double Lock Motor Front LH  
Double Lock Position SW Front LH  
D 19 Door Lock Detection SW Front RH  
Door Lock Motor Front RH  
Double Lock Motor Front RH  
Double Lock Position SW Front RH  
D 20 Door Lock Detection SW Rear LH  
Door Lock Motor Rear LH  
Double Lock Motor Rear LH  
Double Lock Position SW Rear LH

D 21 Door Lock Detection SW Rear RH  
Door Lock Motor Rear RH  
Double Lock Motor Rear RH  
Double Lock Position SW Rear RH

F 11 Front Door Speaker LH  
F 12 Front Door Speaker RH  
F 13 Front Door Tweeter Speaker LH  
F 14 Front Door Tweeter Speaker RH  
F 15 Fuel Pump  
Fuel Sender  
F 16 Fuel Sender (Sub)

H 15 Heated Oxygen Sensor (Bank 1 Sensor 2)  
H 16 High Mounted Stop Light  
H 21 Heated Oxygen Sensor (Bank 2 Sensor 2)  
H 22 Height Control Sensor Rear LH

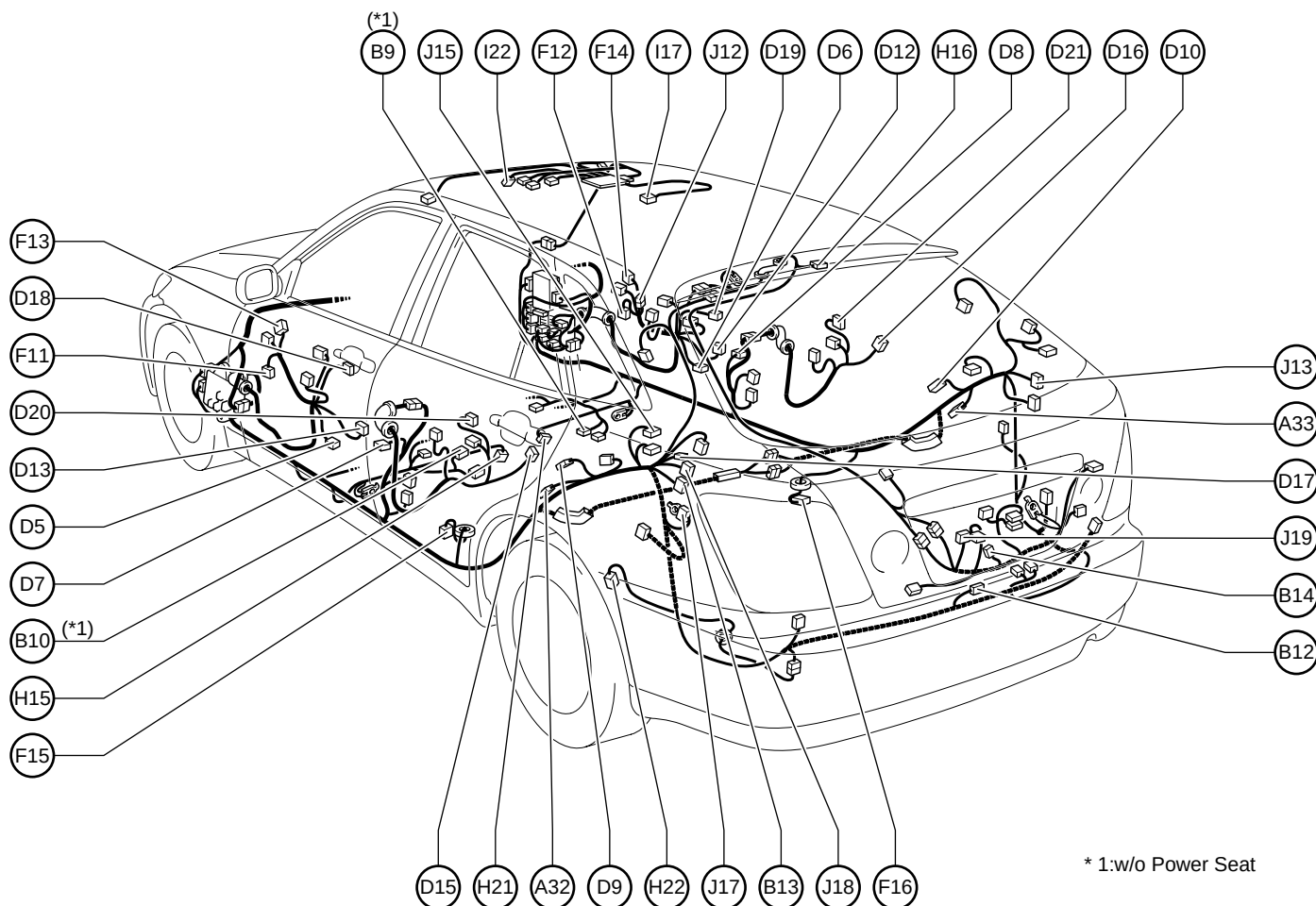
I 17 Interior Light  
Radar Sensor  
I 22 Inner Mirror

J 12 Junction Connector  
J 13 Junction Connector  
J 14 Junction Connector  
J 15 Junction Connector  
J 16 Junction Connector  
J 17 Junction Connector

# E ELECTRICAL WIRING ROUTING

## Position of Parts in Body

[RHD : W/G]



A 32 ABS Speed Sensor Rear LH  
A 33 ABS Speed Sensor Rear RH

B 9 Buckle SW RH  
B 10 Buckle SW LH and  
Seat Belt Warning Occupant Detection Sensor  
B 12 Back Door Courtesy SW and Opener Motor  
B 13 Back Door Opener Relay  
B 14 Back Door Opener SW

D 5 Door Courtesy Light Front LH  
D 6 Door Courtesy Light Front RH  
D 7 Door Courtesy SW Front LH  
D 8 Door Courtesy SW Front RH  
D 9 Door Courtesy SW Rear LH  
D 10 Door Courtesy SW Rear RH  
D 12 Door Key Lock and Unlock SW Front RH  
Door Lock Detection SW Front RH  
Door Lock Motor Front RH  
D 13 Door Lock Detection SW Front LH  
Door Lock Motor Front LH  
D 15 Door Lock Detection SW Rear LH  
Door Lock Motor Rear LH  
D 16 Door Lock Detection SW Rear RH  
Door Lock Motor Rear RH  
D 17 Diode (Luggage Compartment)  
D 18 Door Lock Detection SW Front LH  
Door Lock Motor Front LH  
Double Lock Motor Front LH  
Double Lock Position SW Front LH  
D 19 Door Lock Detection SW Front RH  
Door Lock Motor Front RH  
Double Lock Motor Front RH  
Double Lock Position SW Front RH

D 20 Door Lock Detection SW Rear LH  
Door Lock Motor Rear LH  
Double Lock Motor Rear LH  
Double Lock Position SW Rear LH  
D 21 Door Lock Detection SW Rear RH  
Door Lock Motor Rear RH  
Double Lock Motor Rear RH  
Double Lock Position SW Rear RH

F 11 Front Door Speaker LH  
F 12 Front Door Speaker RH  
F 13 Front Door Tweeter Speaker LH  
F 14 Front Door Tweeter Speaker RH  
F 15 Fuel Pump  
Fuel Sender  
F 16 Fuel Sender (Sub)

H 15 Heated Oxygen Sensor (Bank 1 Sensor 2)  
H 16 High Mounted Stop Light  
H 21 Heated Oxygen Sensor (Bank 2 Sensor 2)  
H 22 Height Control Sensor Rear LH

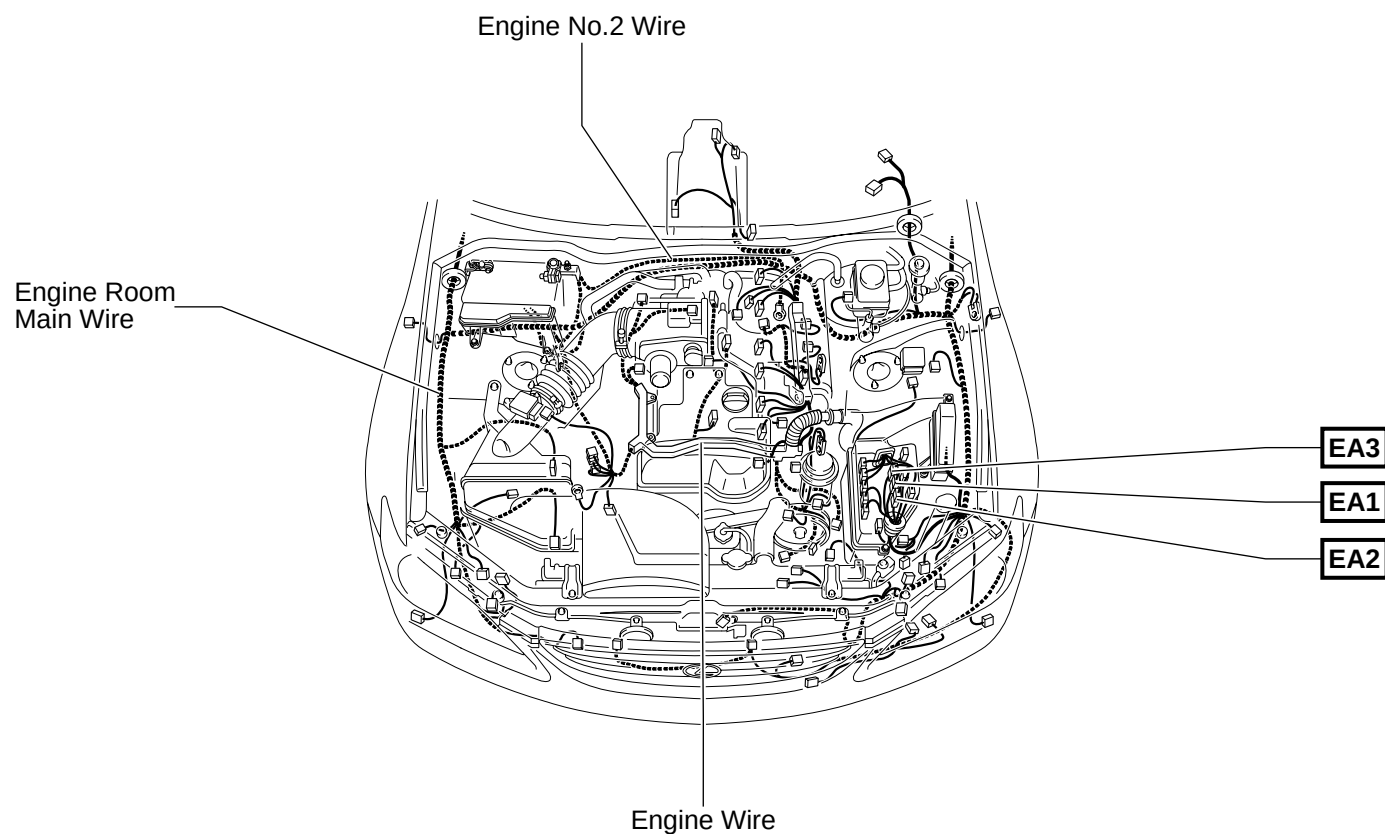
I 17 Interior Light  
Radar Sensor  
I 22 Inner Mirror

J 12 Junction Connector  
J 13 Junction Connector  
J 15 Junction Connector  
J 17 Junction Connector  
J 18 Junction Connector  
J 19 Junction Connector

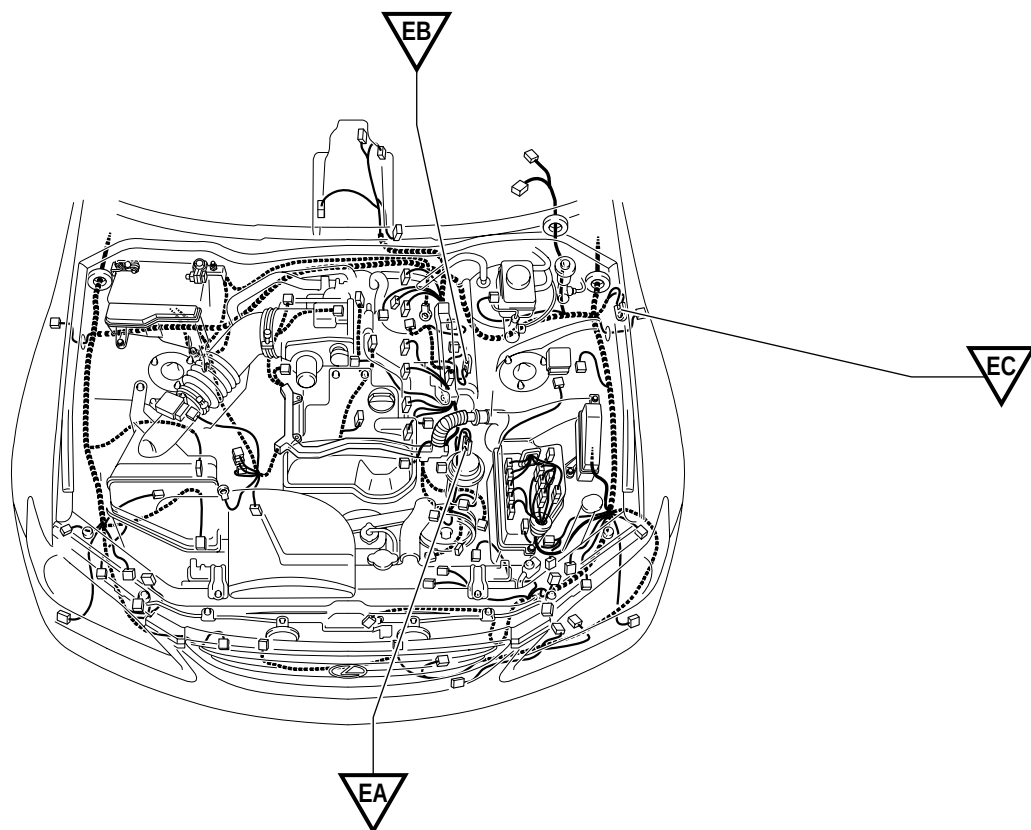
## E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

[LHD : 2JZ-GE]



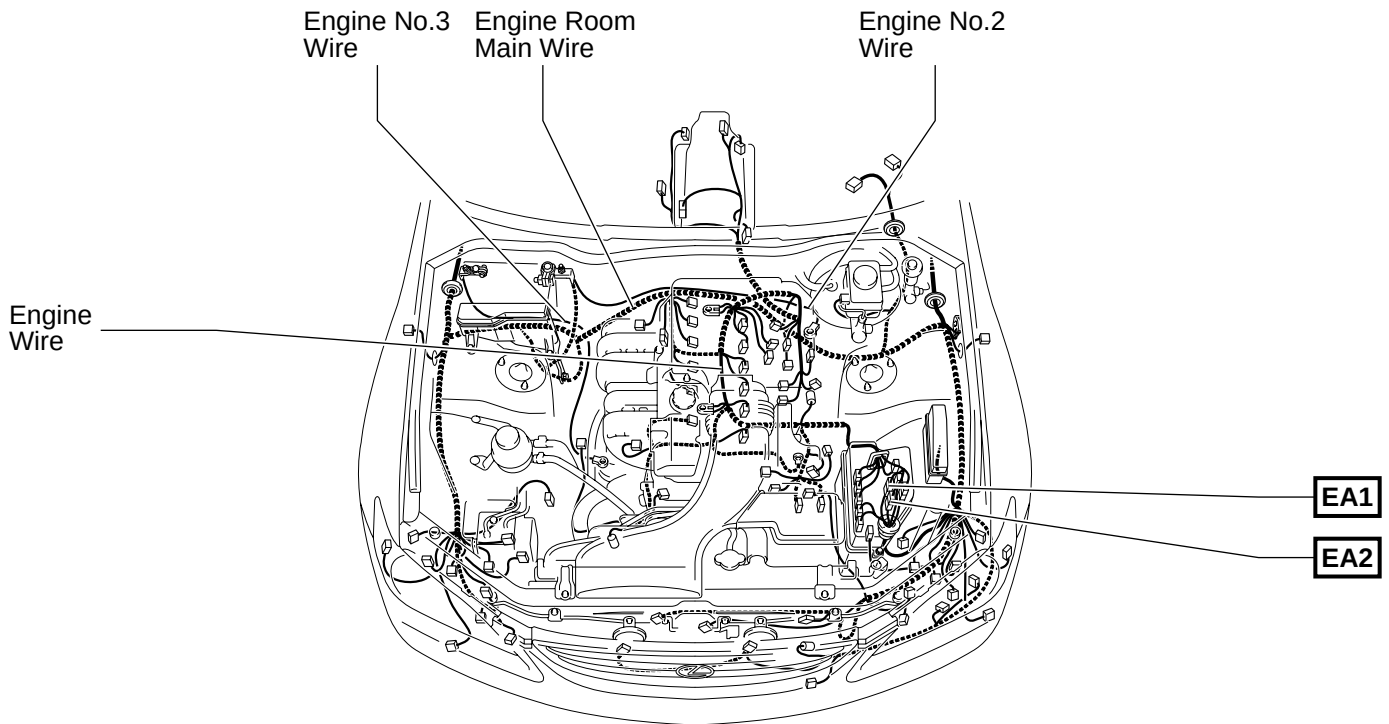
▽ : Location of Ground Points



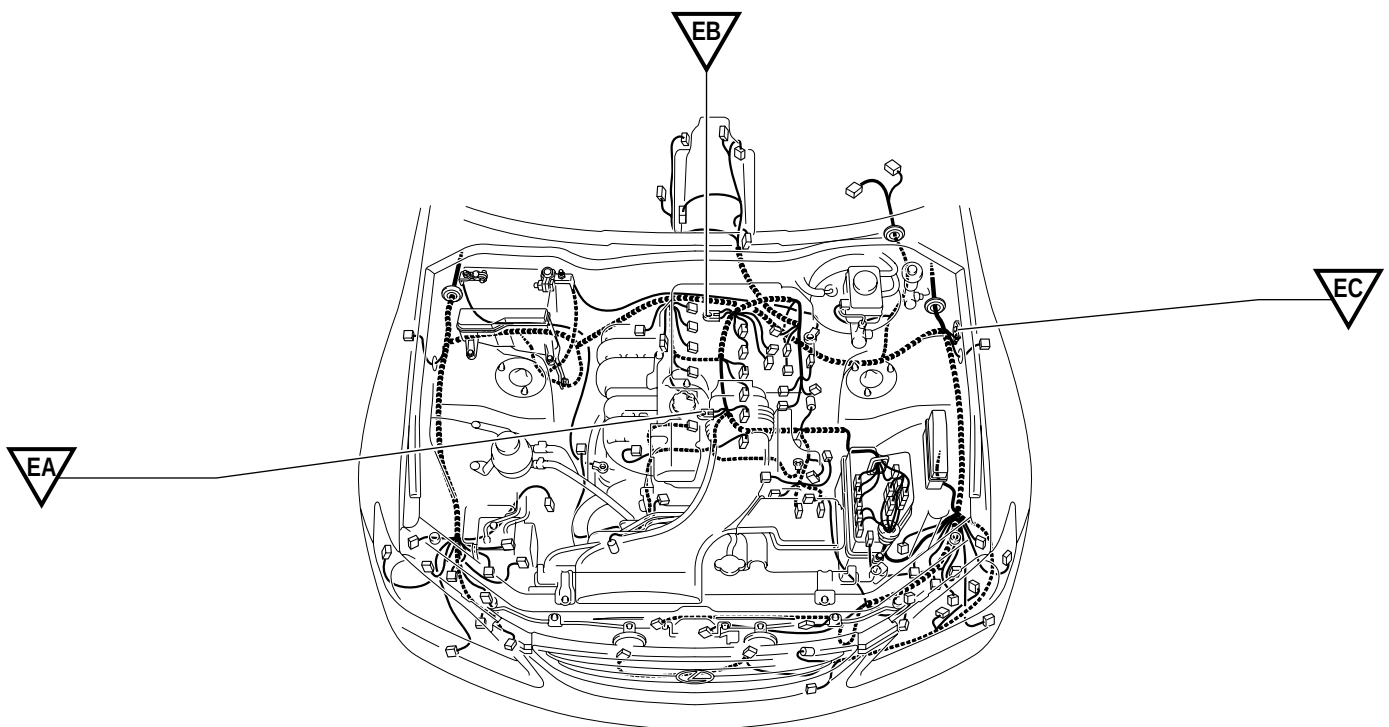
## E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

[LHD : 1G-FE]



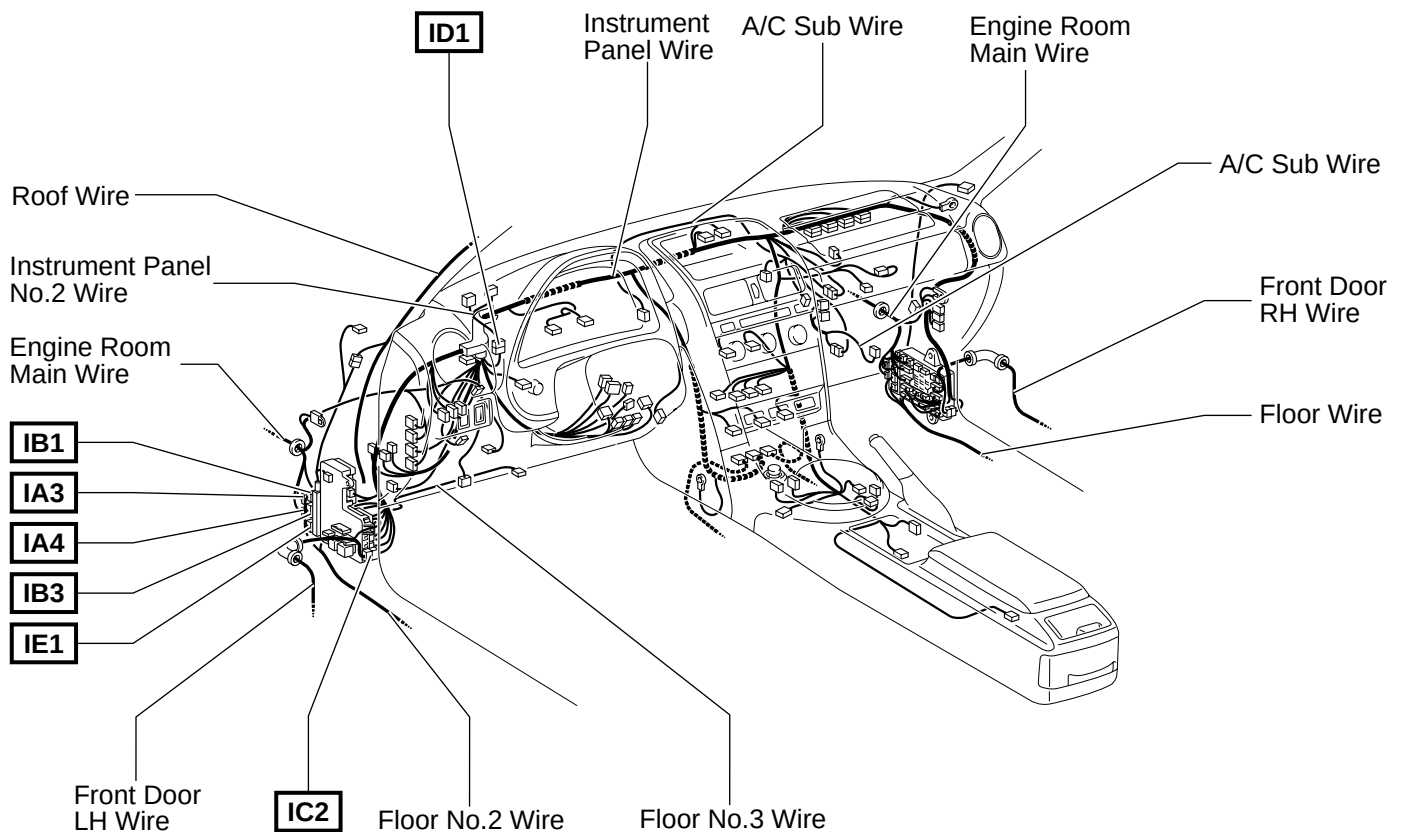
▽ : Location of Ground Points



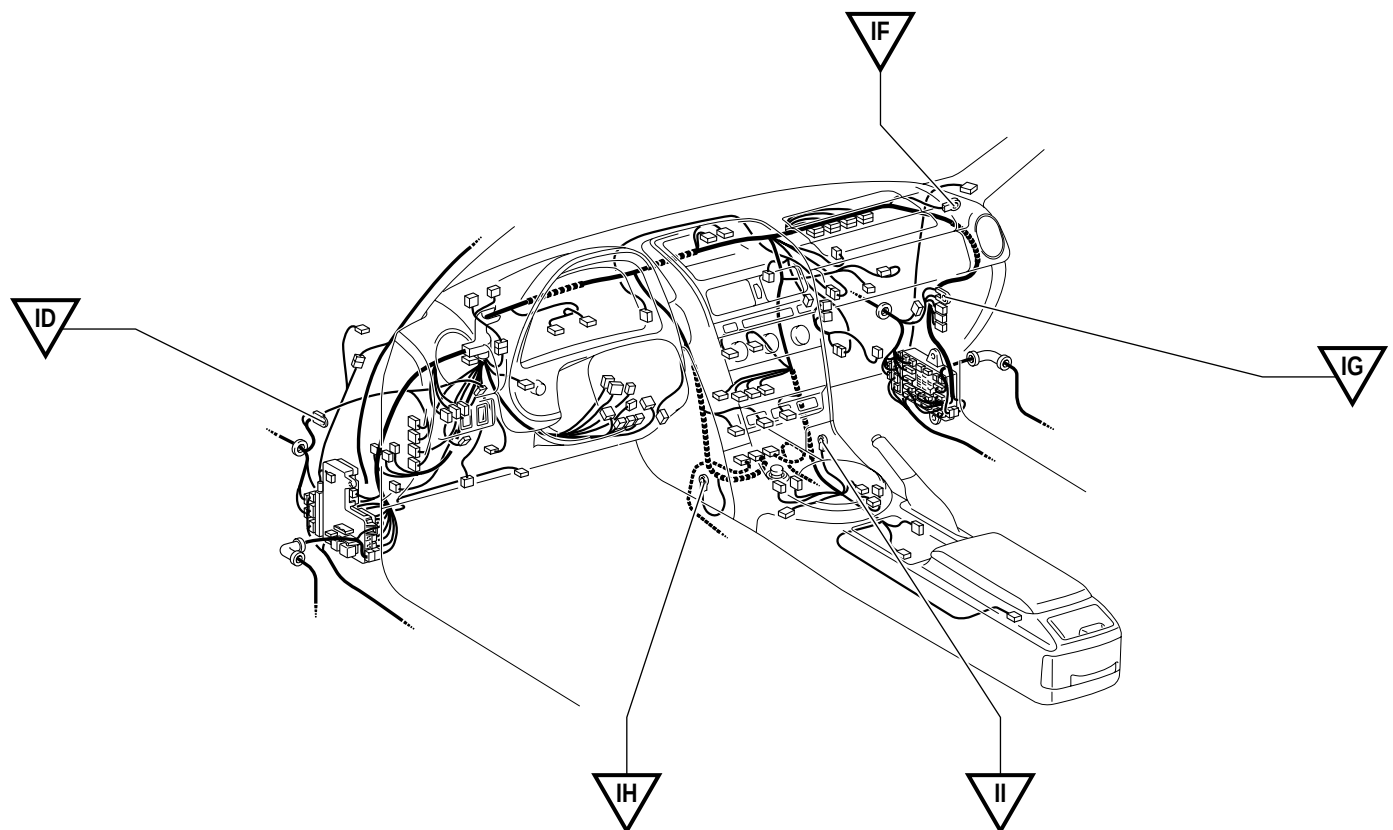
## E ELECTRICAL WIRING ROUTING

  : Location of Connector Joining Wire Harness and Wire Harness

[LHD]



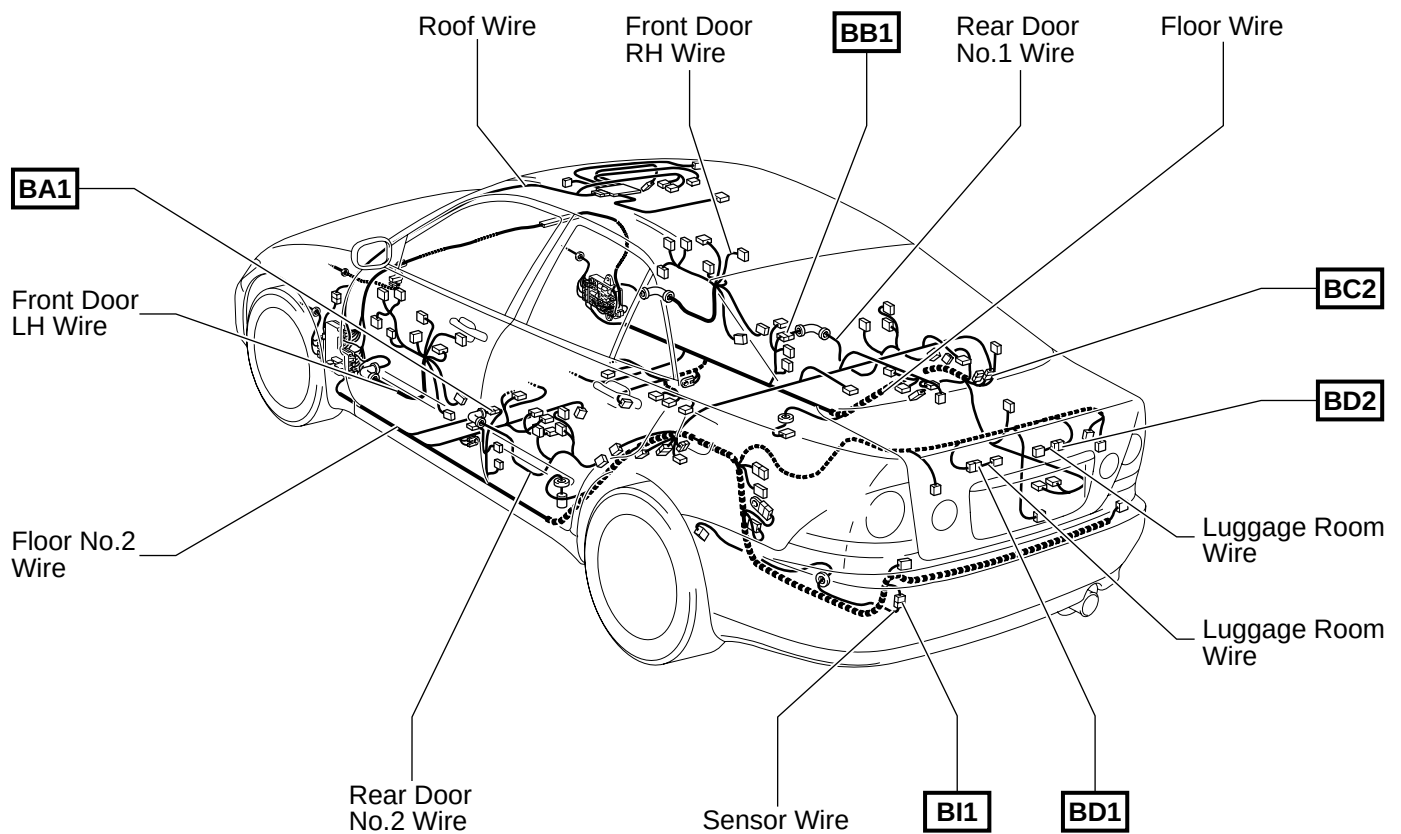
▽ : Location of Ground Points



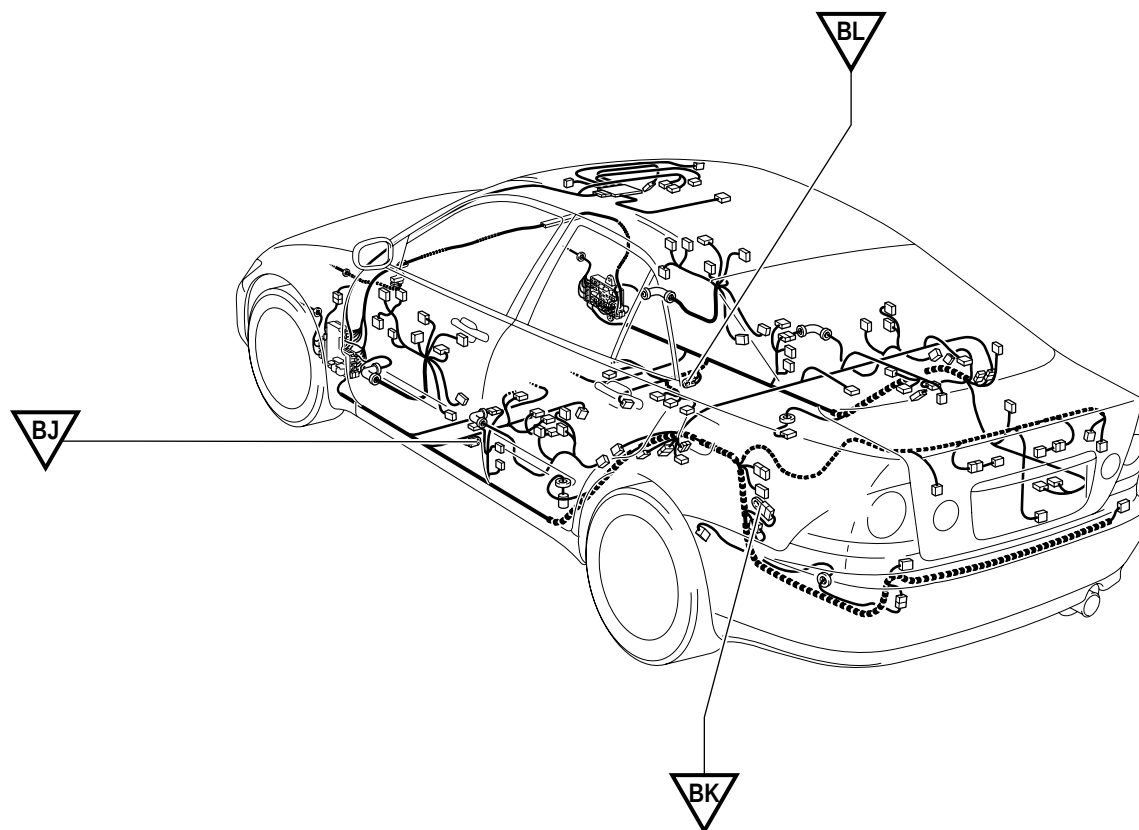
## E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

[LHD : S/D]



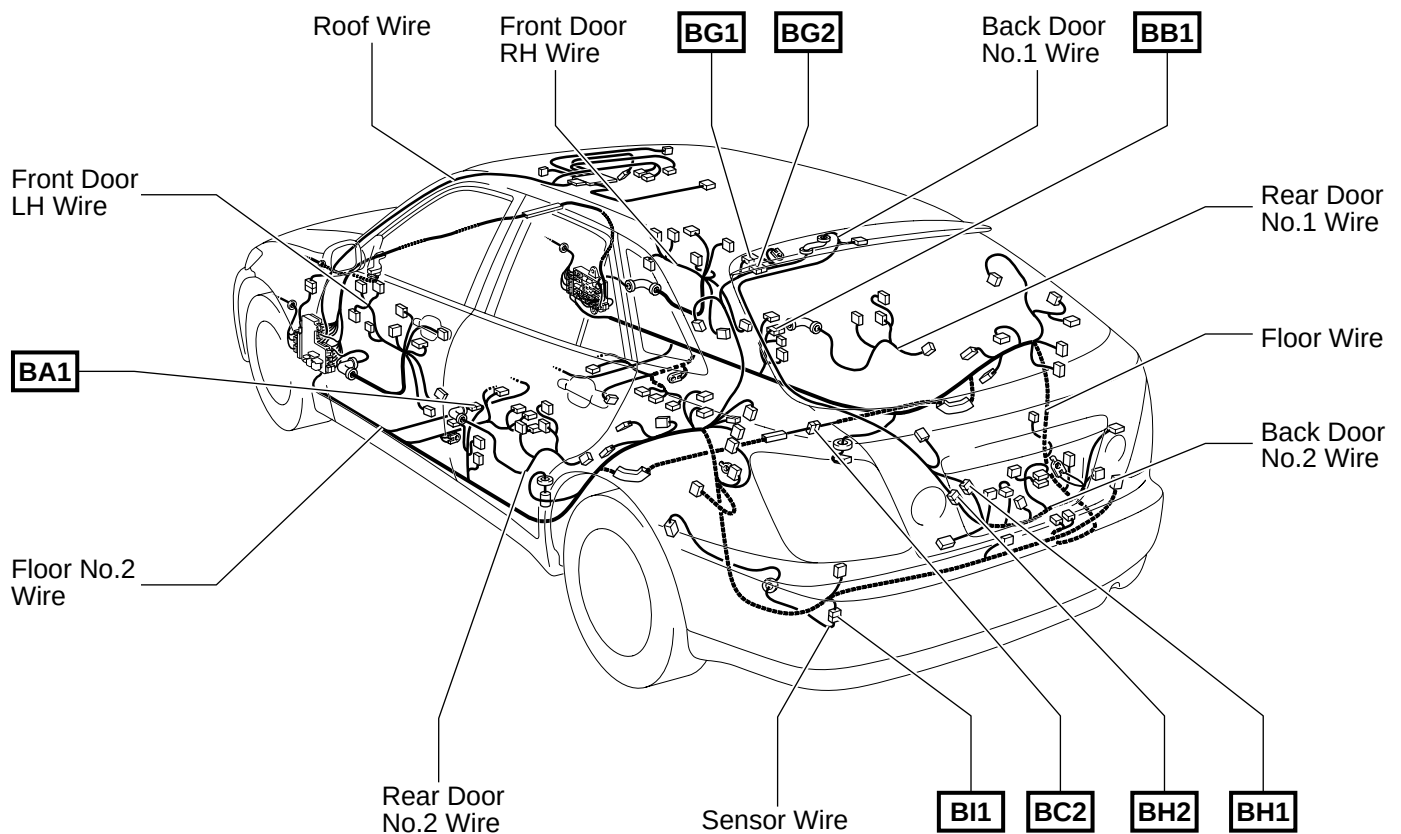
▽ : Location of Ground Points



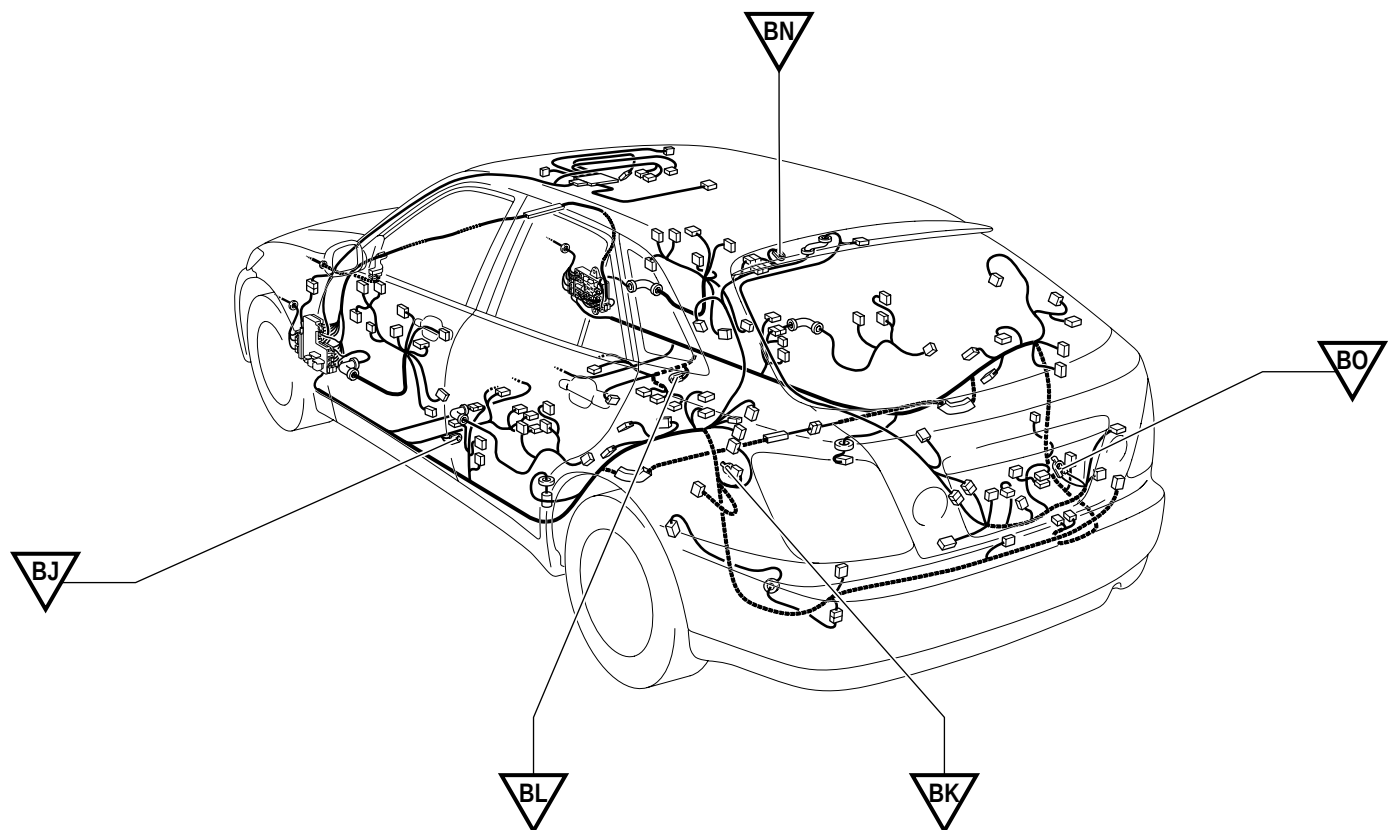
## E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

[LHD : W/G]



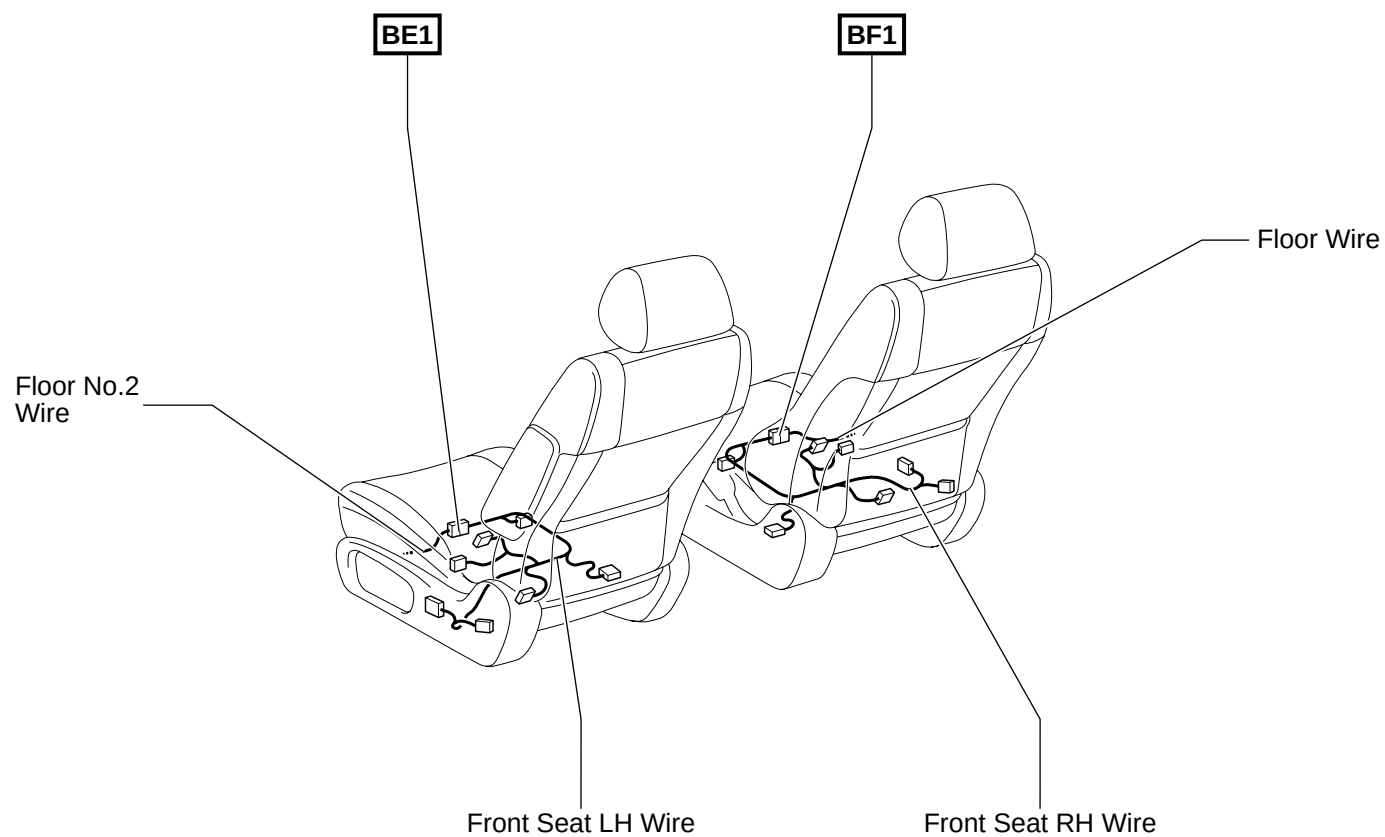
▽ : Location of Ground Points



## E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

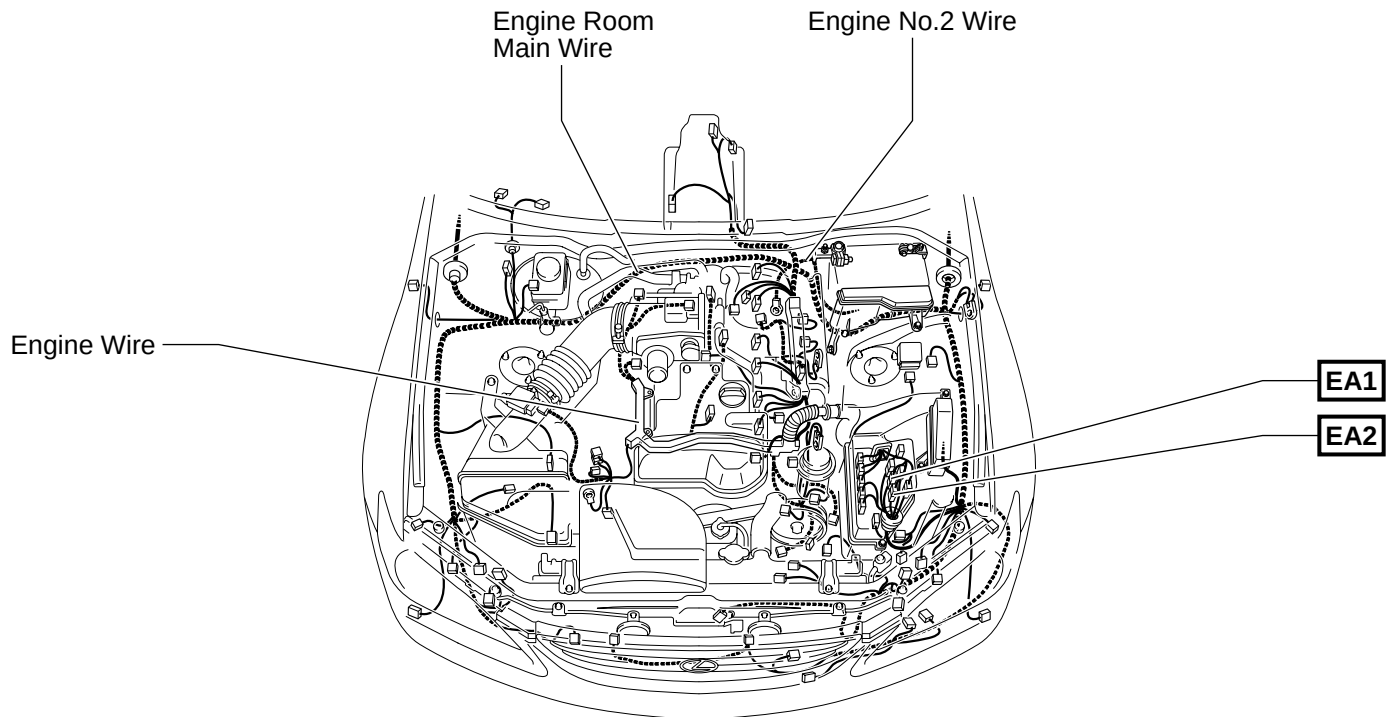
[LHD]



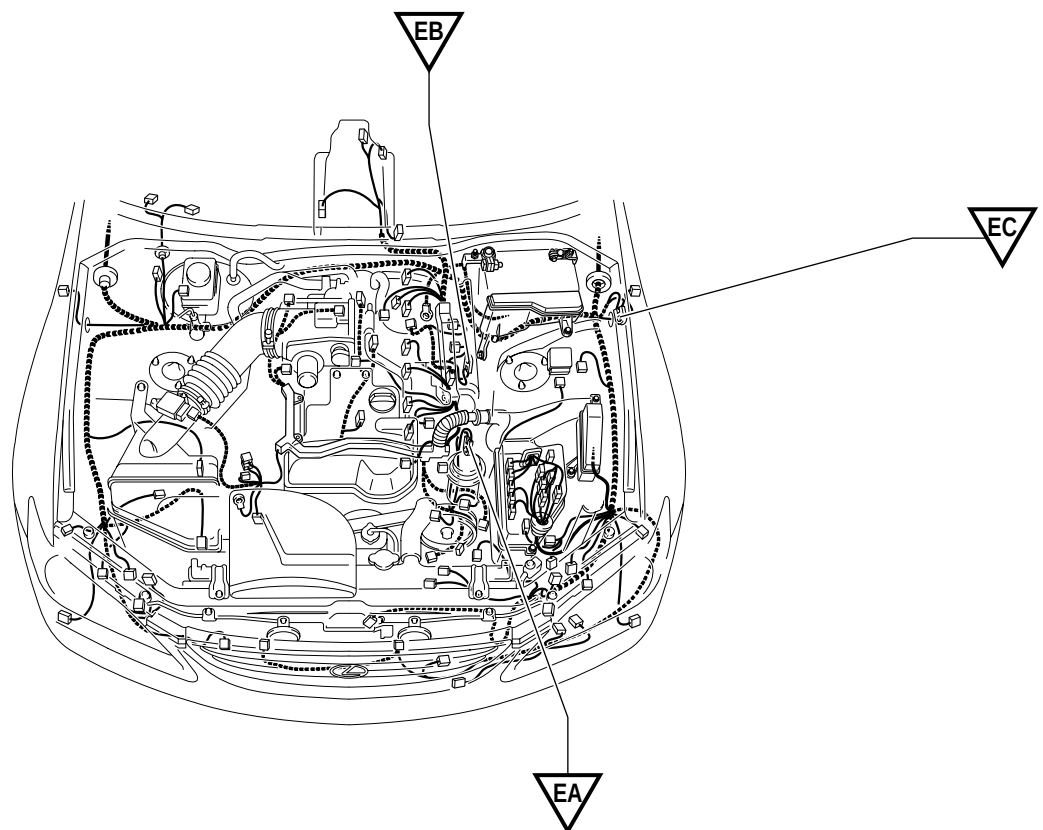
## E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

[RHD : 2JZ-GE]



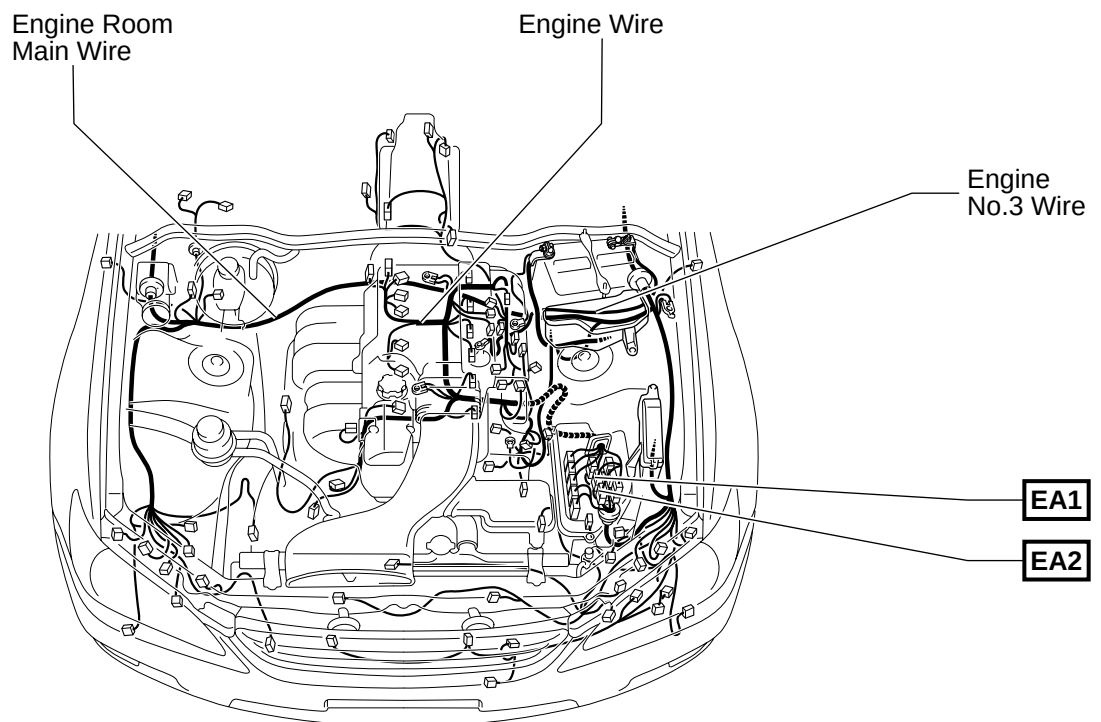
▽ : Location of Ground Points



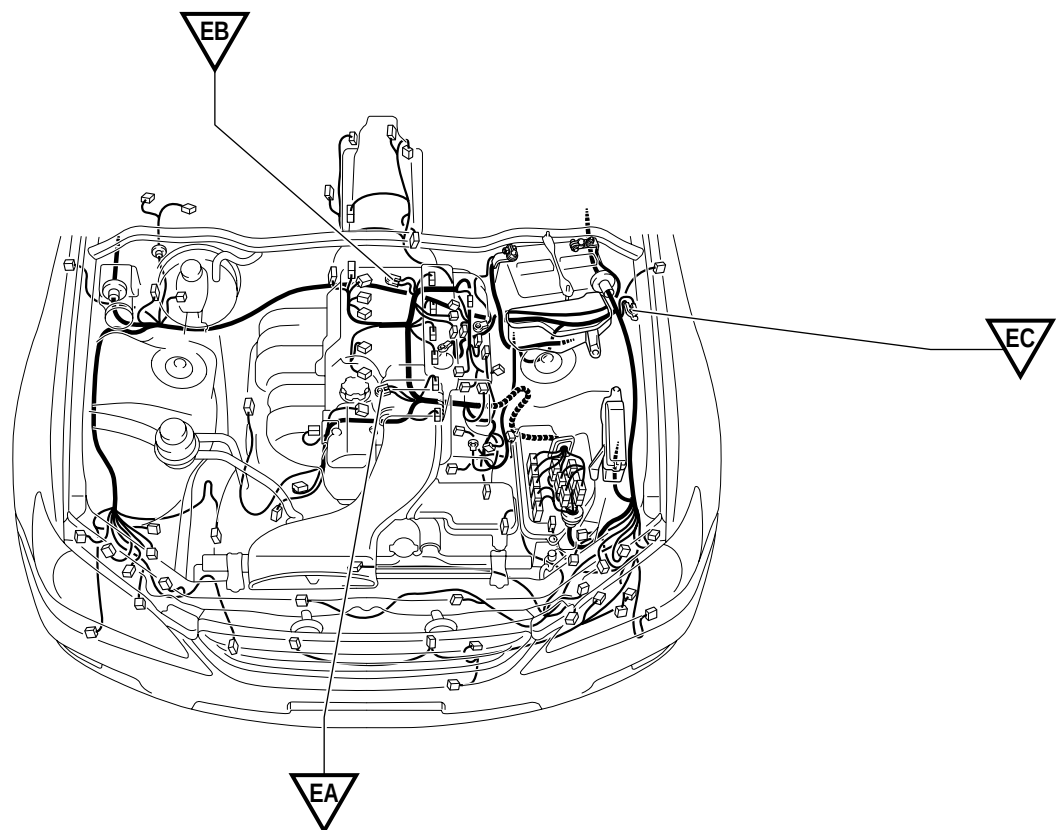
## E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

[RHD : 1G-FE]



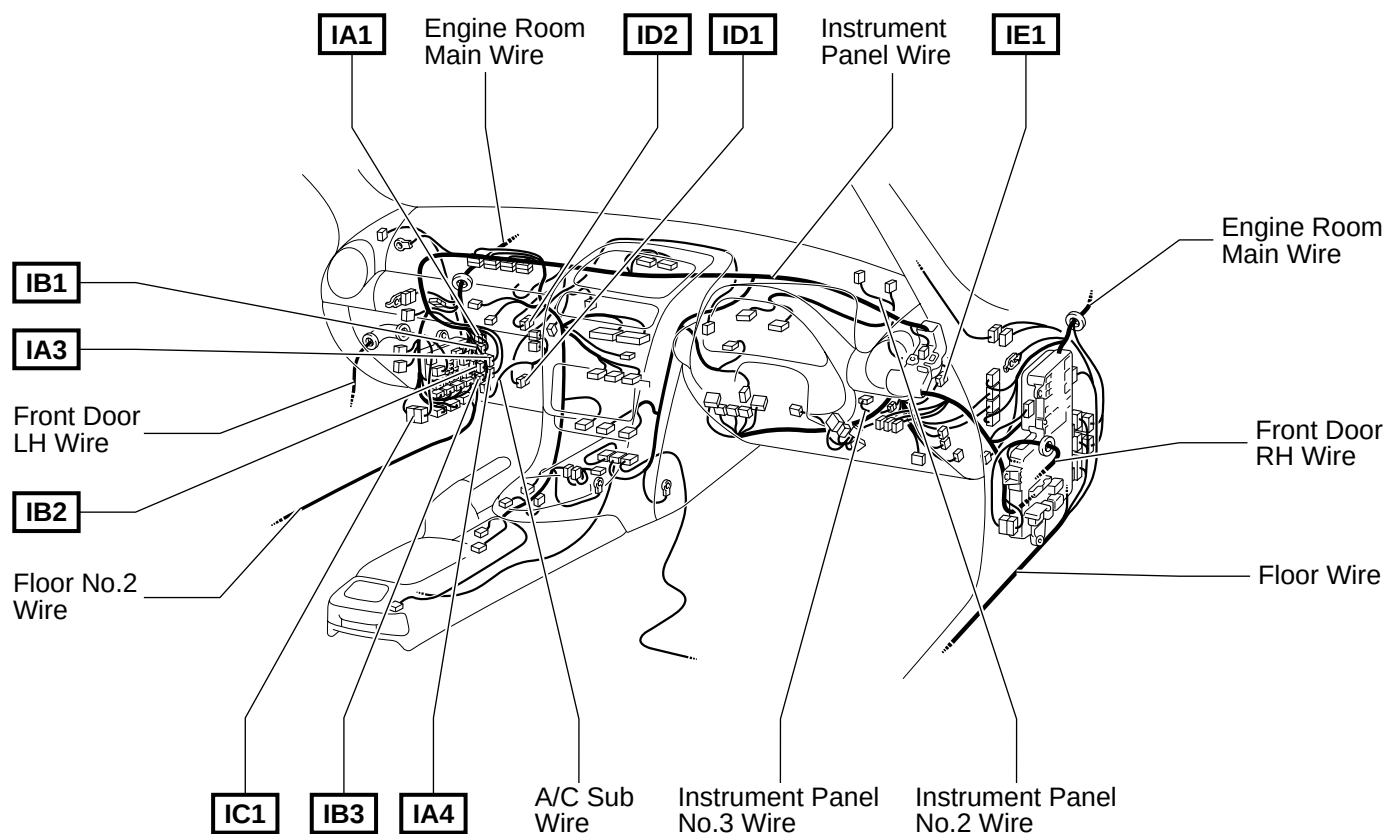
▽ : Location of Ground Points



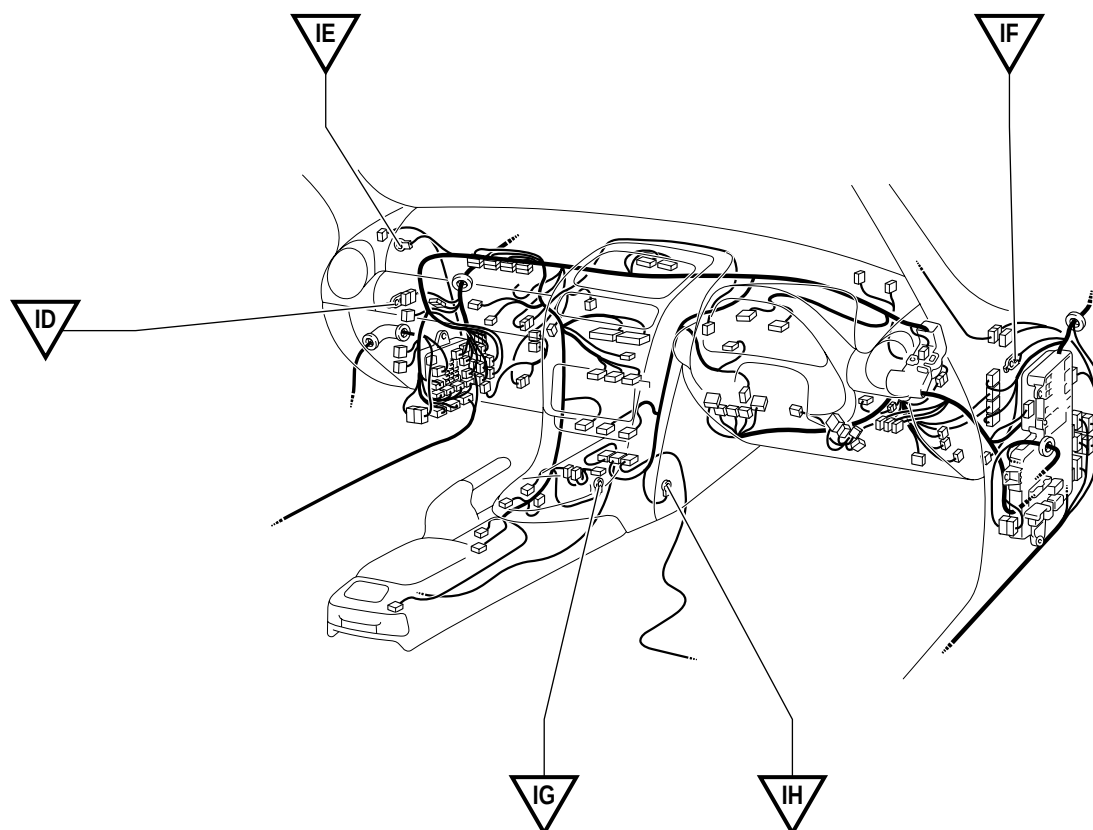
## E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

[RHD]



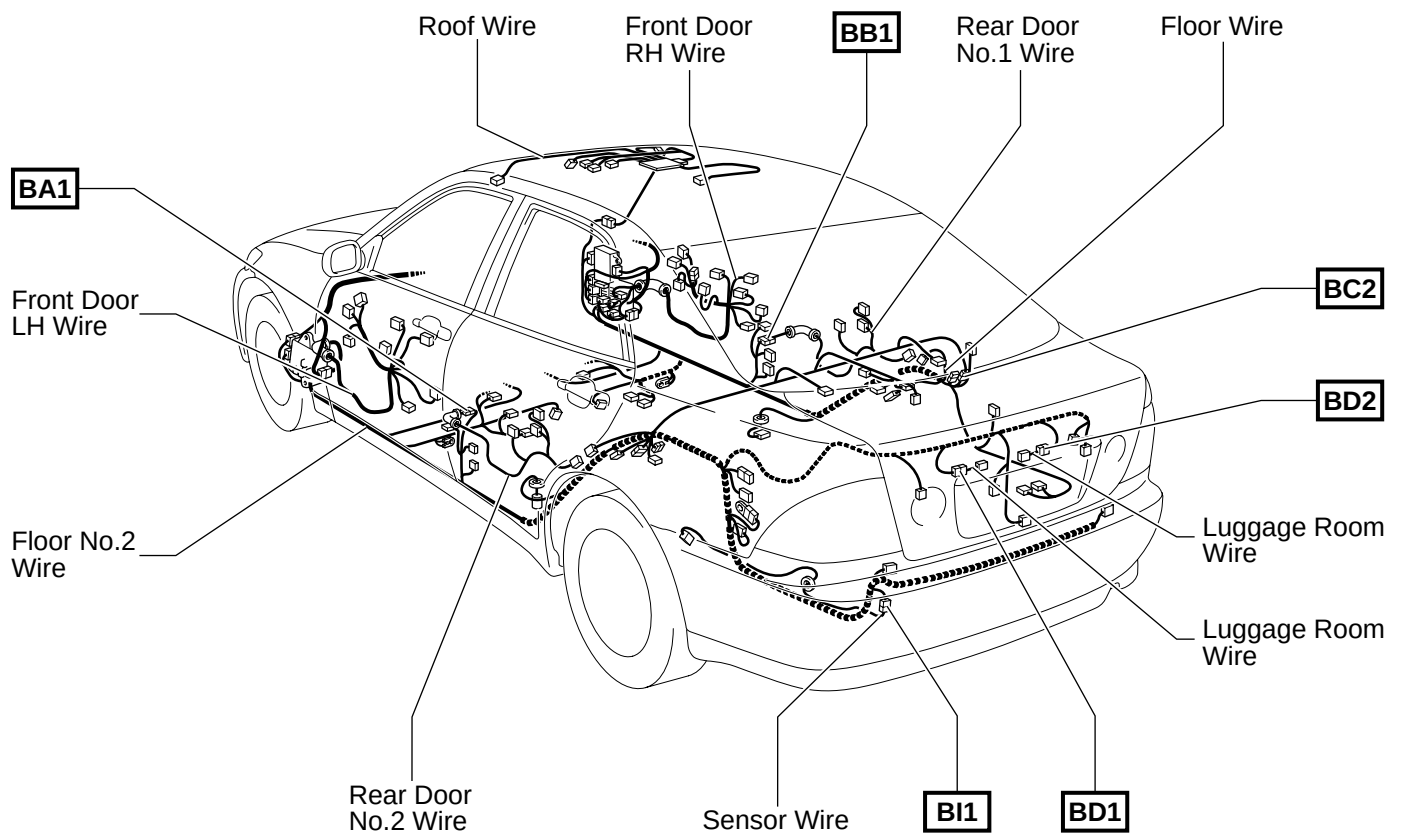
▽ : Location of Ground Points



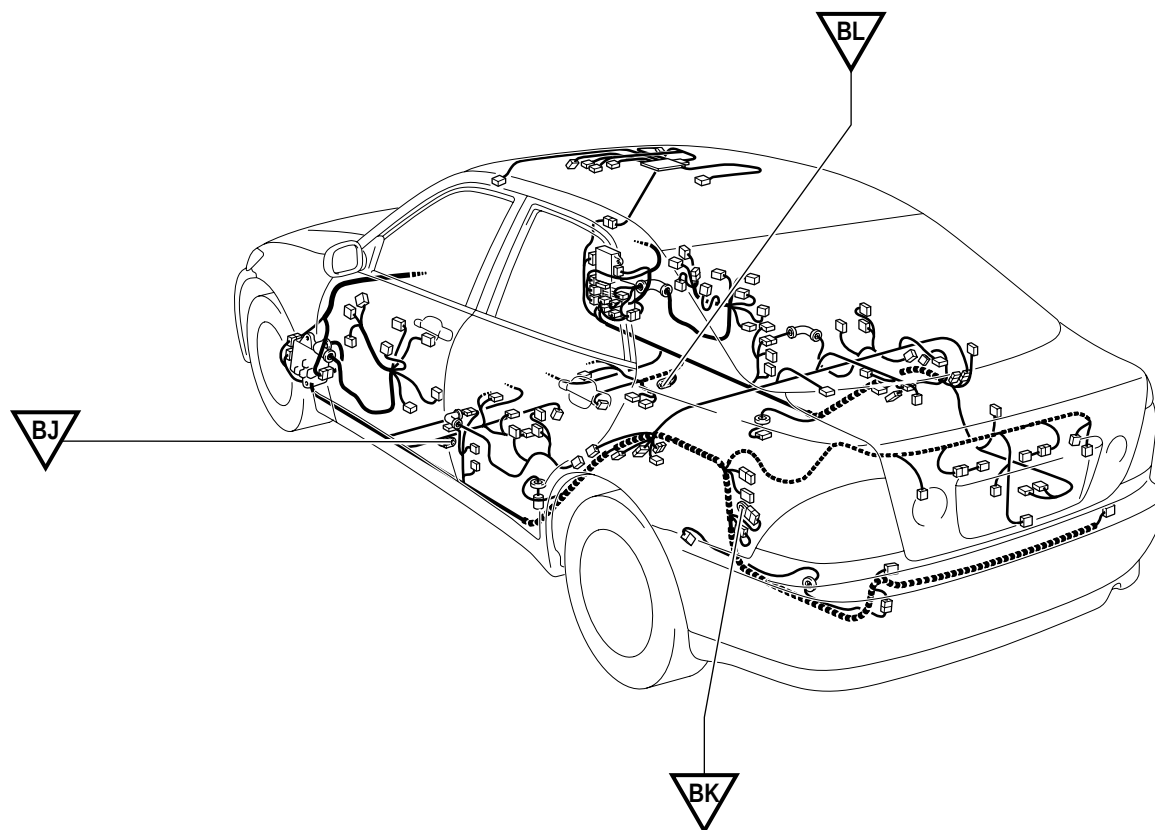
## E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

[RHD : S/D]



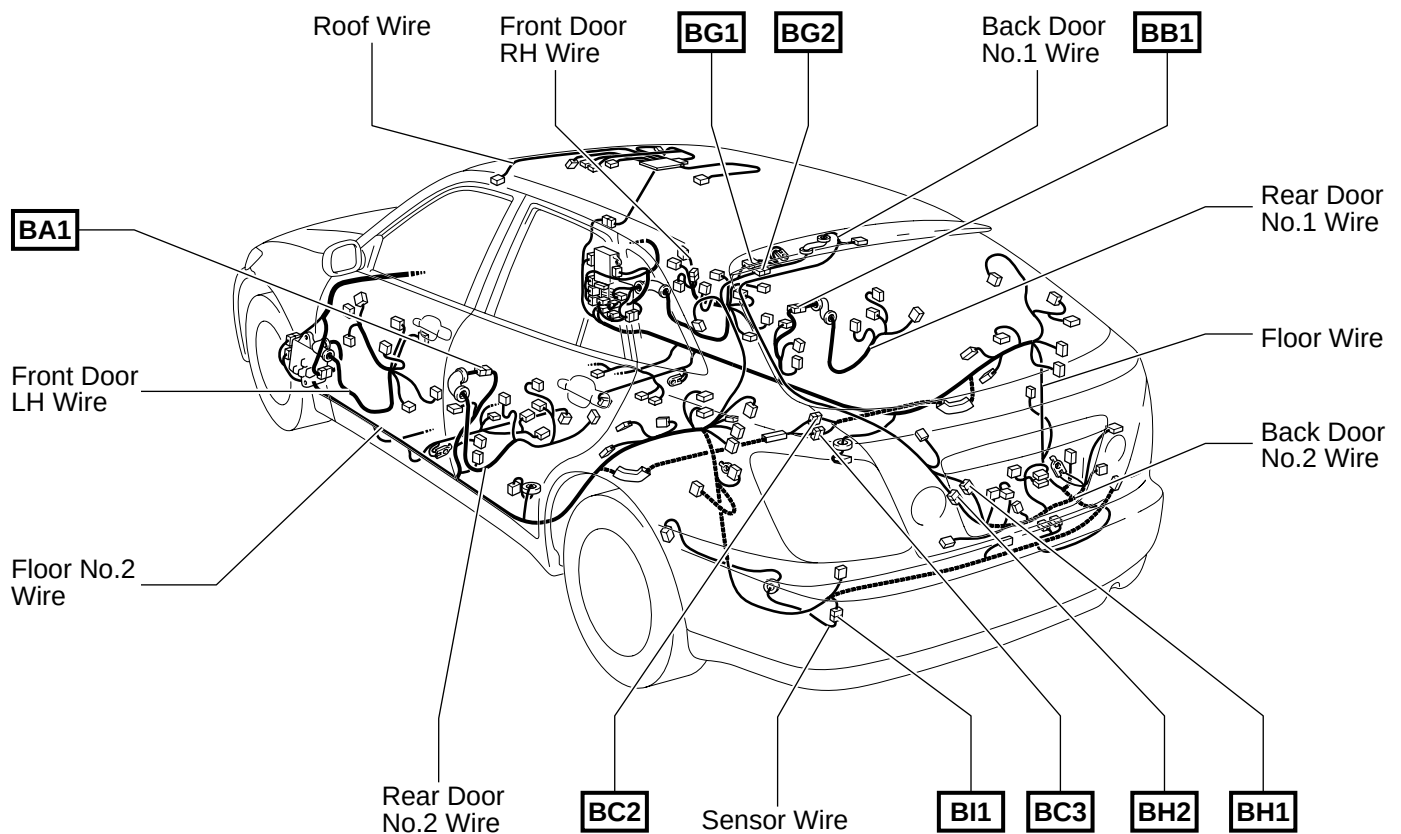
▽ : Location of Ground Points



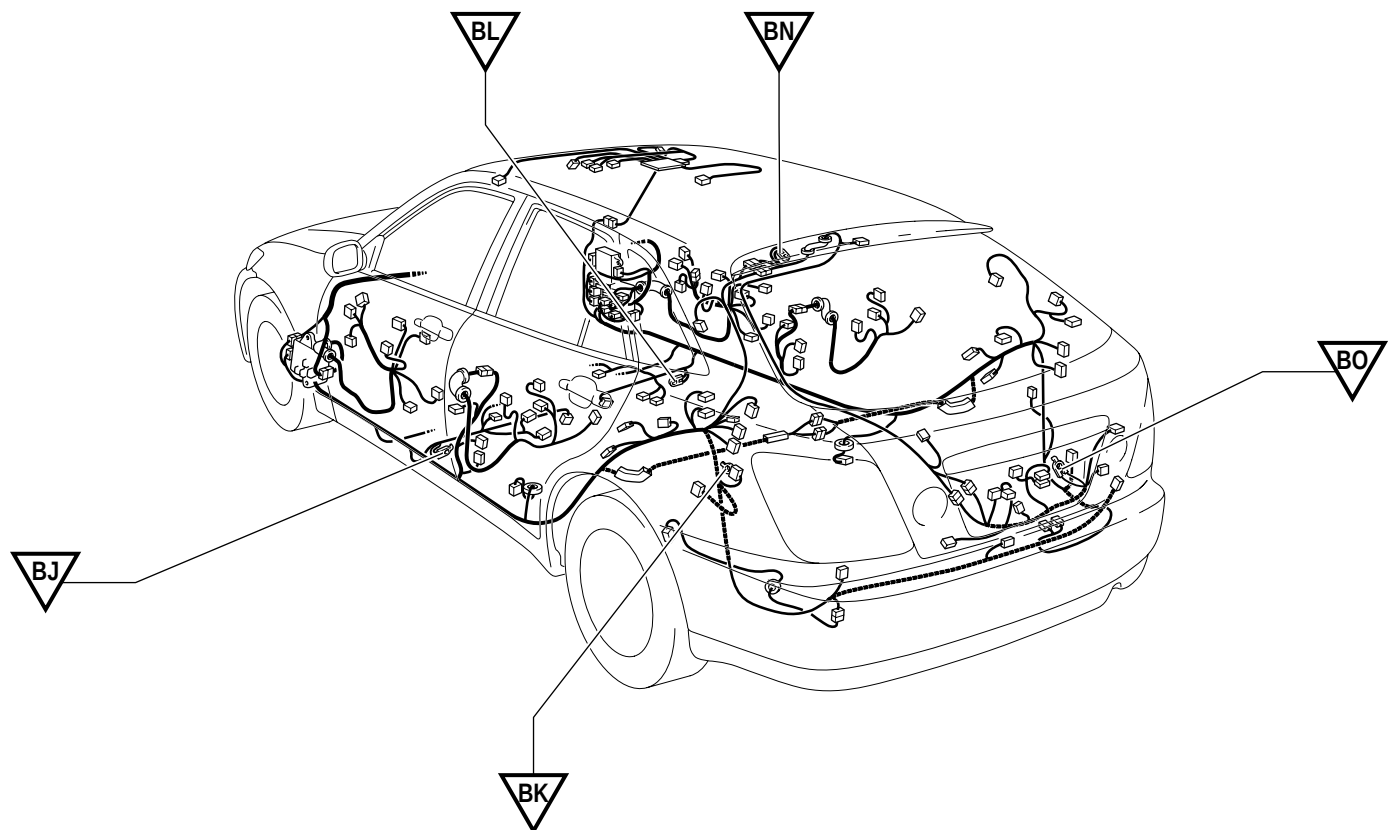
## E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

[RHD : W/G]



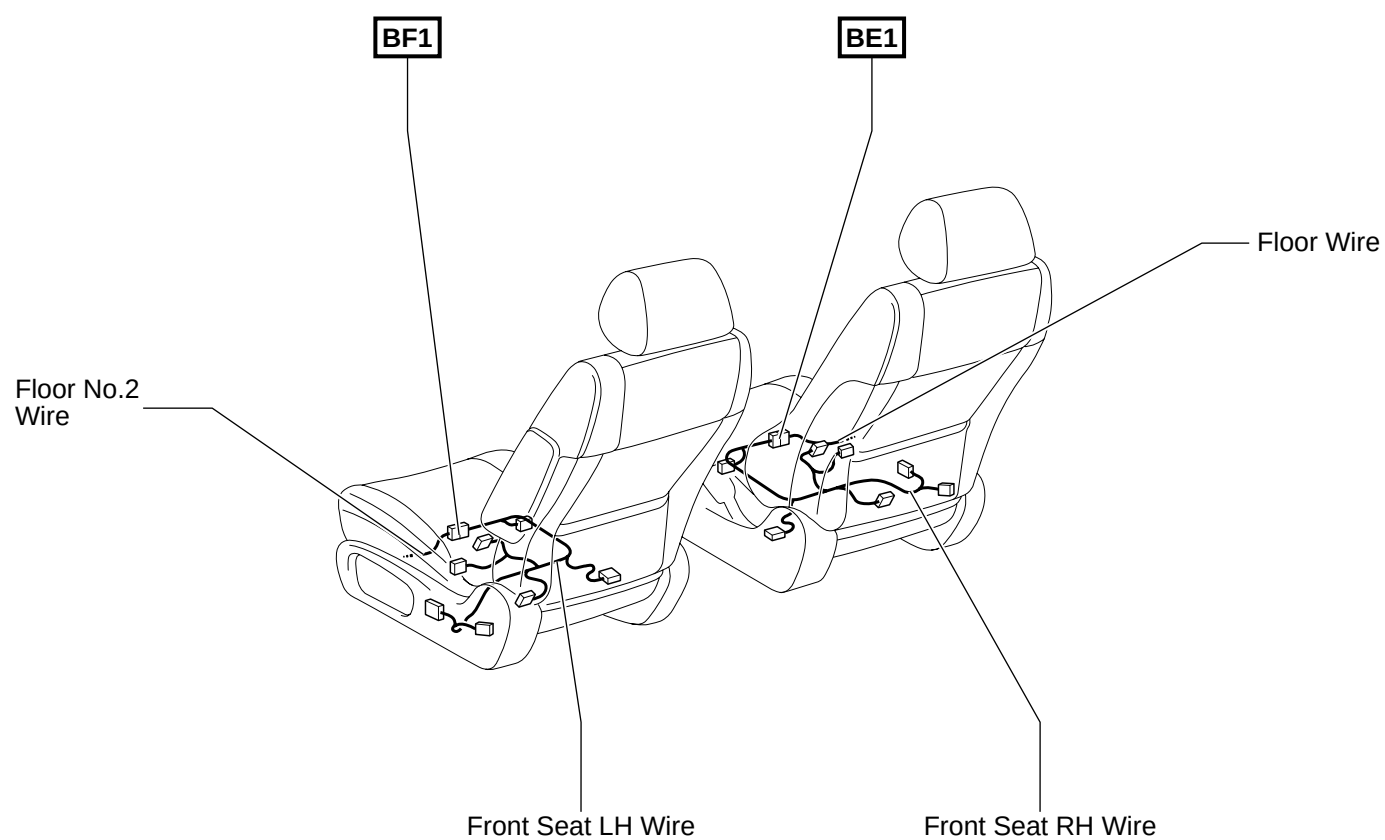
▽ : Location of Ground Points



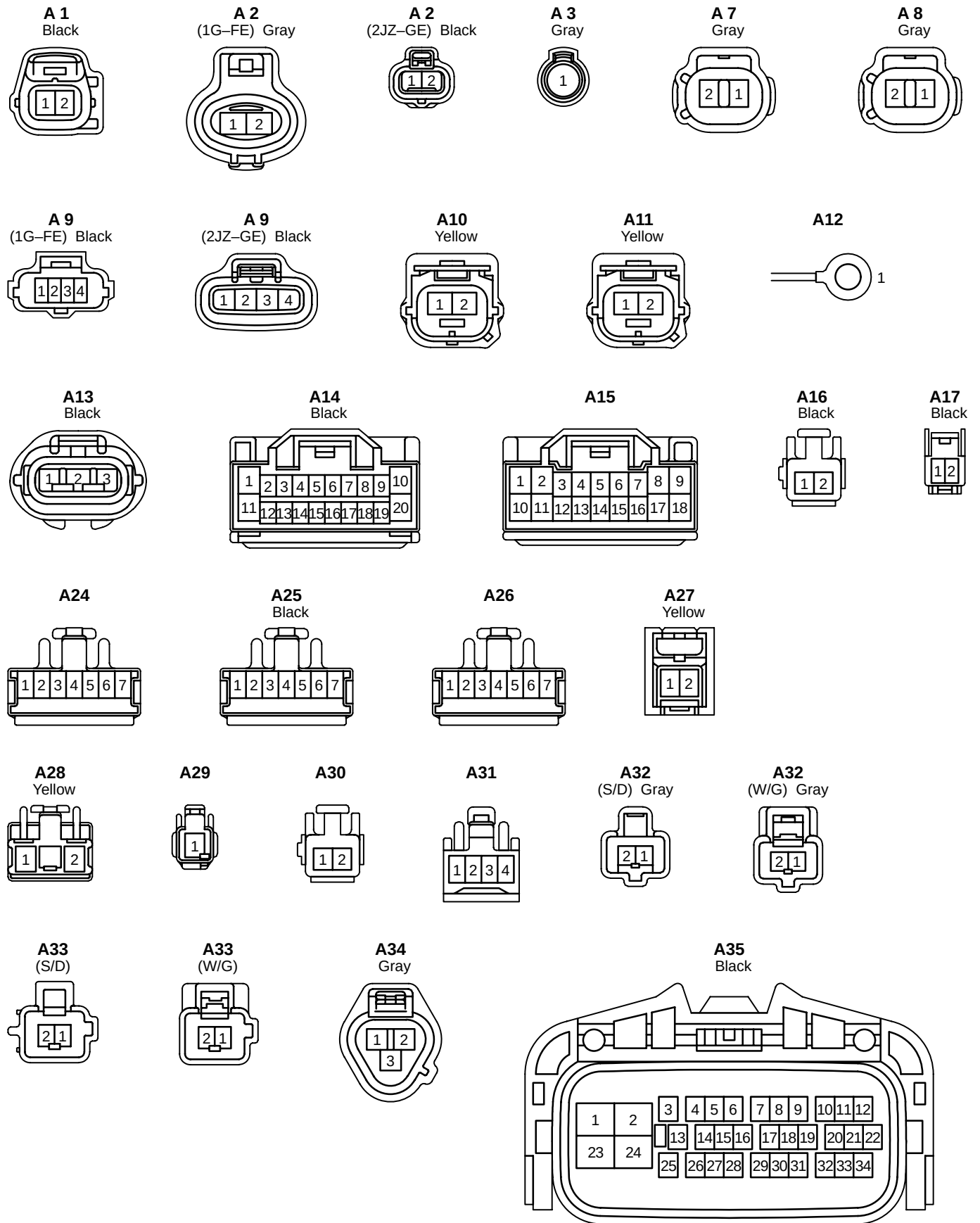
## E ELECTRICAL WIRING ROUTING

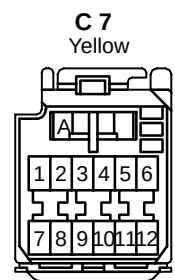
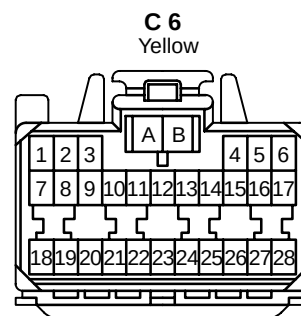
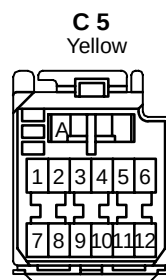
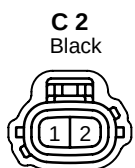
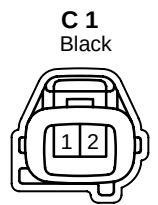
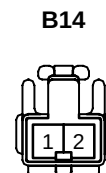
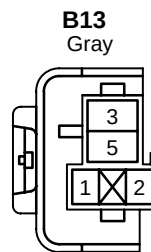
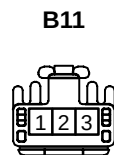
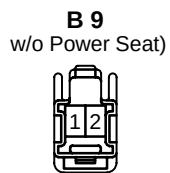
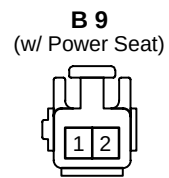
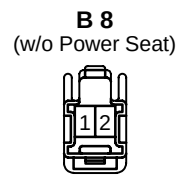
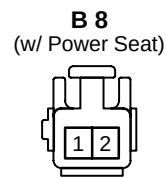
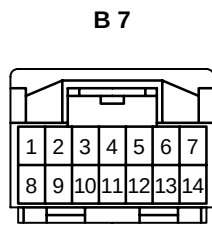
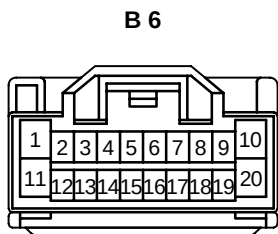
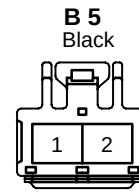
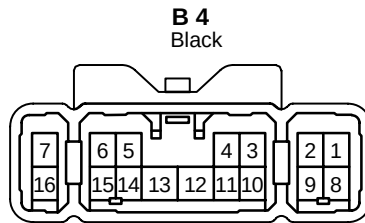
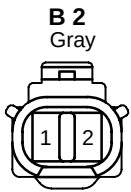
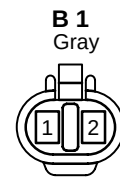
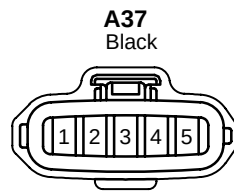
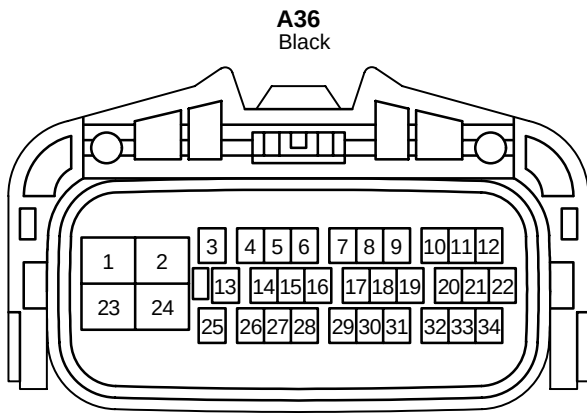
□ : Location of Connector Joining Wire Harness and Wire Harness

[RHD]



## F CONNECTOR LIST





# F CONNECTOR LIST

\*1 : Australia w/ VSC  
\*2 : Australia w/o VSC

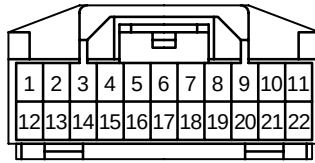
**C 8**



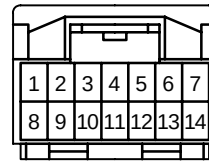
**C 9**  
Gray



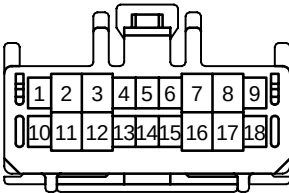
**C10**



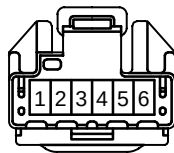
**C11**



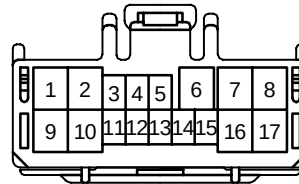
**C12**  
Black



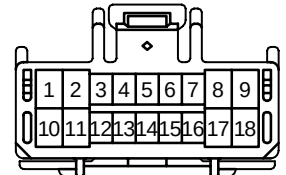
**C13**  
Black



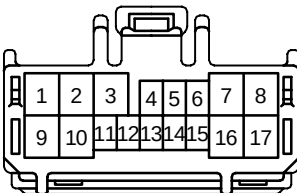
**C14**  
(\*1)



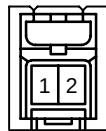
**C14**  
(\*2)



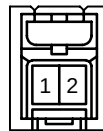
**C14**  
(Europe) Black



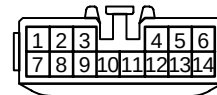
**C15**  
Yellow



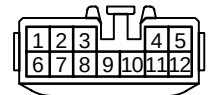
**C16**  
Yellow



**D 1**  
Blue



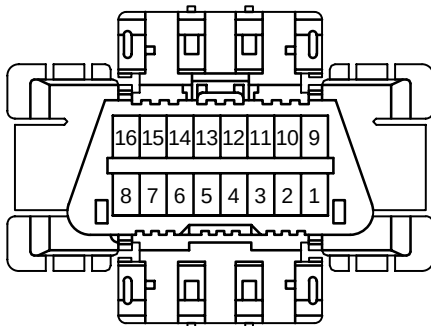
**D 2**



**D 3**



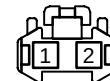
**D 4**



**D 5**



**D 6**



**D 7**



**D 8**



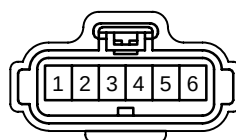
**D 9**



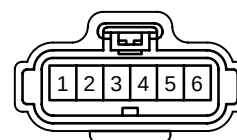
**D10**



**D11**  
Black



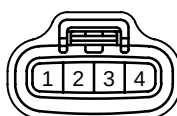
**D12**  
Black



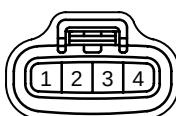
**D13**  
Black



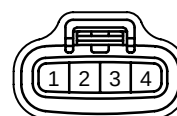
**D14**  
Black



**D15**  
Black

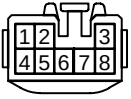
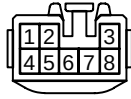
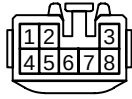
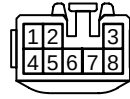
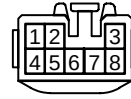
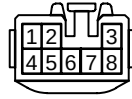
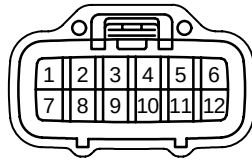
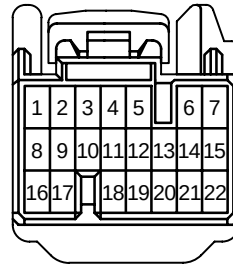
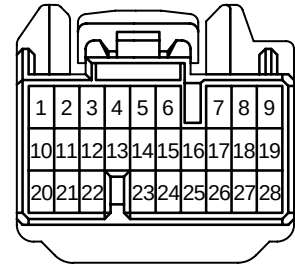
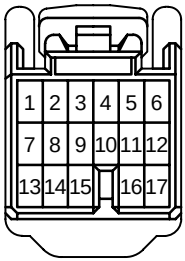
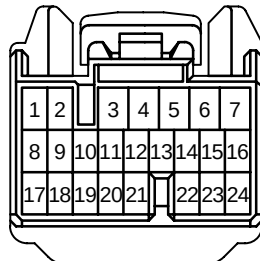
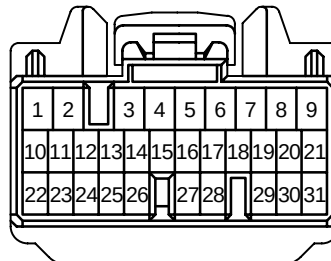
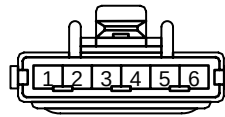
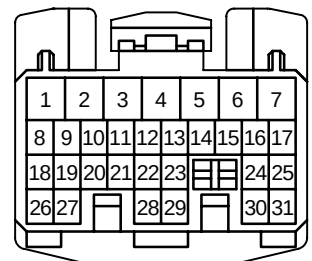
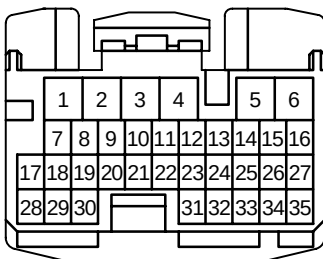
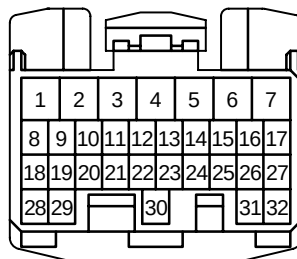
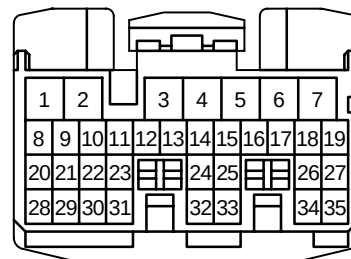


**D16**  
Black



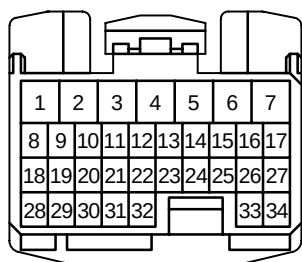
**D17**  
Black



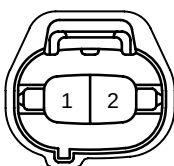
**D18**  
(LHD) Black**D18**  
(RHD)**D19**  
(LHD) Black**D19**  
(RHD)**D20****D21****E 1**  
(1G-FE) Gray**E 1**  
(2JZ-GE) Gray**E 2****E 3****E 4****E 5****E 6****E 7**  
Black**E 8**  
(1G-FE) Gray**E 8**  
(2JZ-GE) Gray**E 9**  
Gray**E10**  
Black**E11****E12****E13****E14**

# F CONNECTOR LIST

**E15**



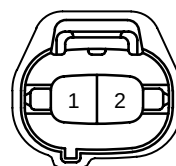
**F 1**  
(w/ HID) Black



**F 1**  
(w/o HID) Gray



**F 2**  
(w/ HID) Black



**F 2**  
(w/o HID) Gray



**F 3**  
Brown



**F 4**  
Brown



**F 5**  
Gray



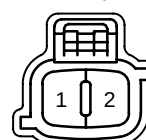
**F 6**  
Gray



**F 7**  
Gray



**F 8**  
Gray



**F 9**  
Gray



**F10**  
Black



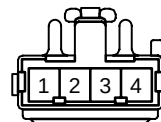
**F11**



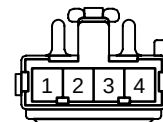
**F12**



**F13**  
Black



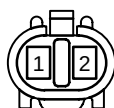
**F14**



**F15**  
Dark Gray



**F16**



**F17**  
Gray



**F18**  
Gray



**F19**  
Dark Gray



**G 1**



**H 1**  
(w/ HID) Gray



**H 1**  
(w/o HID) Gray



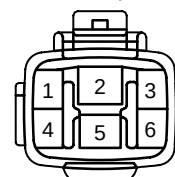
**H 2**  
(w/ HID) Gray



**H 2**  
(w/o HID) Gray



**H 3**  
Gray



**H 4**  
Black



**H 5**  
Black



**H 6**  
Brown



**H 7**  
Black

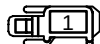
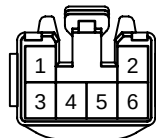
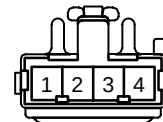
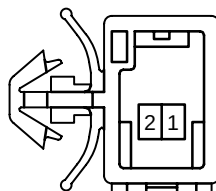
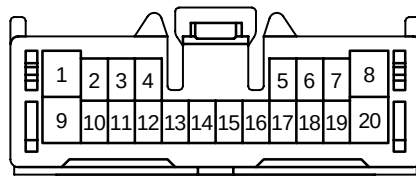
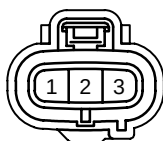
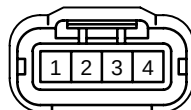
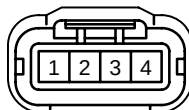
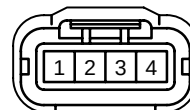
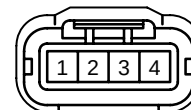
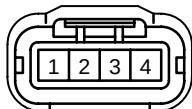
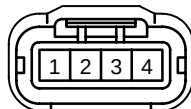
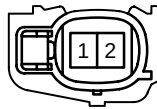
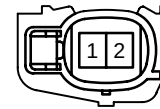
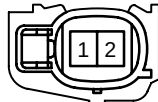
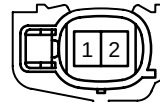
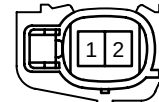
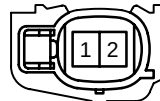
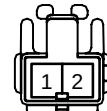
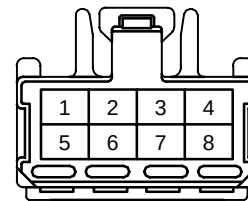


**H 8**  
Brown



**H 9**  
Dark Gray



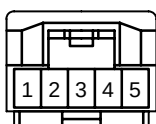
**H10**  
(1G-FE) Dark Gray**H10**  
(2JZ-GE) Dark Gray**H11**  
Black**H12**  
Black**H13****H14**  
Black**H15**  
(1G-FE) Dark Gray**H15**  
(2JZ-GE) Dark Gray**H16**  
(Bulb Type)**H16**  
(LED Type)**H17**  
Gray**H18**  
Gray**H19**  
Gray**H20****H21**  
Dark Gray**H22**  
Black**I1**  
Gray**I2**  
Brown**I3**  
Gray**I4**  
Brown**I5**  
Gray**I6**  
Brown**I7**  
(1G-FE) Gray**I7**  
(2JZ-GE) Dark Gray**I8**  
(1G-FE) Brown**I8**  
(2JZ-GE) Brown**I9**  
(1G-FE) Gray**I9**  
(2JZ-GE) Dark Gray**I10**  
(1G-FE) Brown**I10**  
(2JZ-GE) Brown**I11**  
(1G-FE) Gray**I11**  
(2JZ-GE) Dark Gray**I12**  
(1G-FE) Brown**I12**  
(2JZ-GE) Brown**I13**  
Black**I14****I15**

# F CONNECTOR LIST

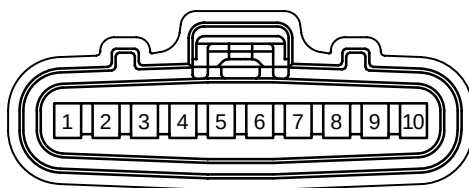
**I16**



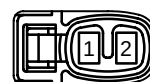
**I17**



**I18**  
Black



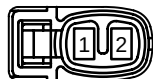
**I19**  
Black



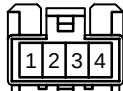
**I20**  
Black



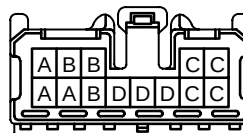
**I21**  
Black



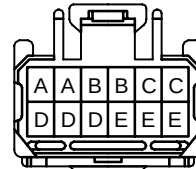
**I22**



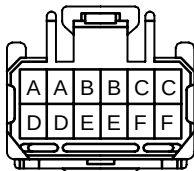
**J 1**



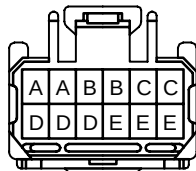
**J 2**  
(1G-FE) Black



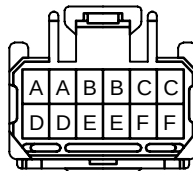
**J 2**  
(2JZ-GE)



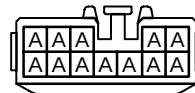
**J 3**  
(1G-FE) Black



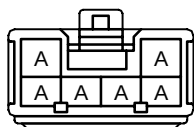
**J 3**  
(2JZ-GE)



**J 4**



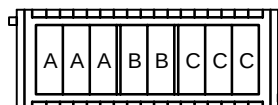
**J 5**



**J 6**  
(LHD) Gray



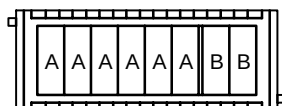
**J 6**  
(RHD) Black



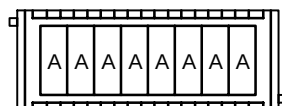
**J 7**  
Blue



**J 8**  
(LHD) Gray



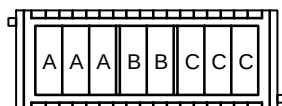
**J 8**  
(RHD) Blue



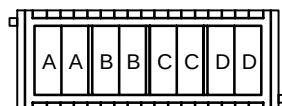
**J 9**  
Gray



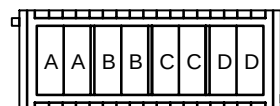
**J11**  
(LHD) Black



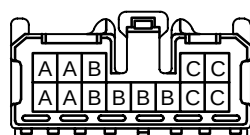
**J11**  
(RHD)



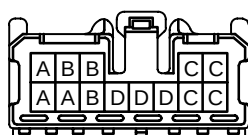
**J12**



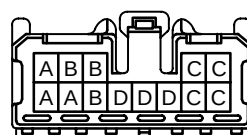
**J13**  
(S/D)



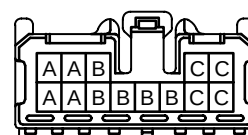
**J13**  
(W/G)

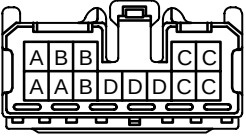
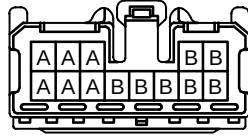
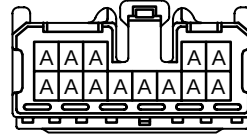
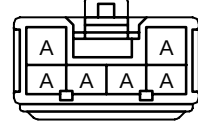
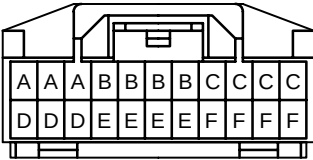
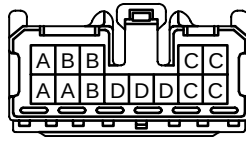
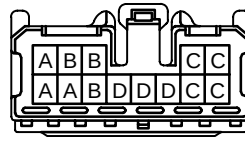
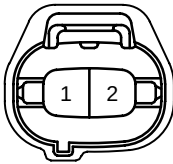
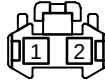
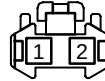
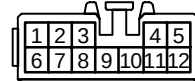
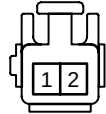
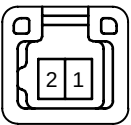
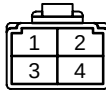
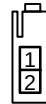
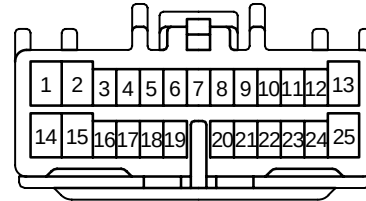
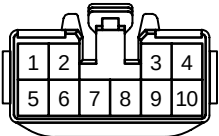
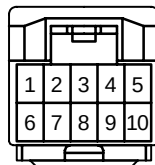
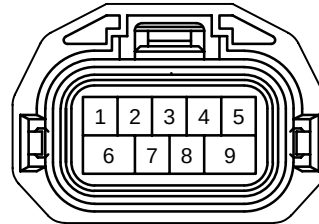
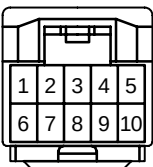
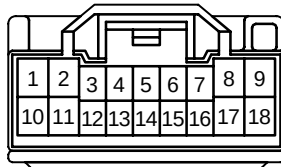
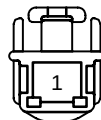
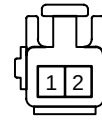


**J14**

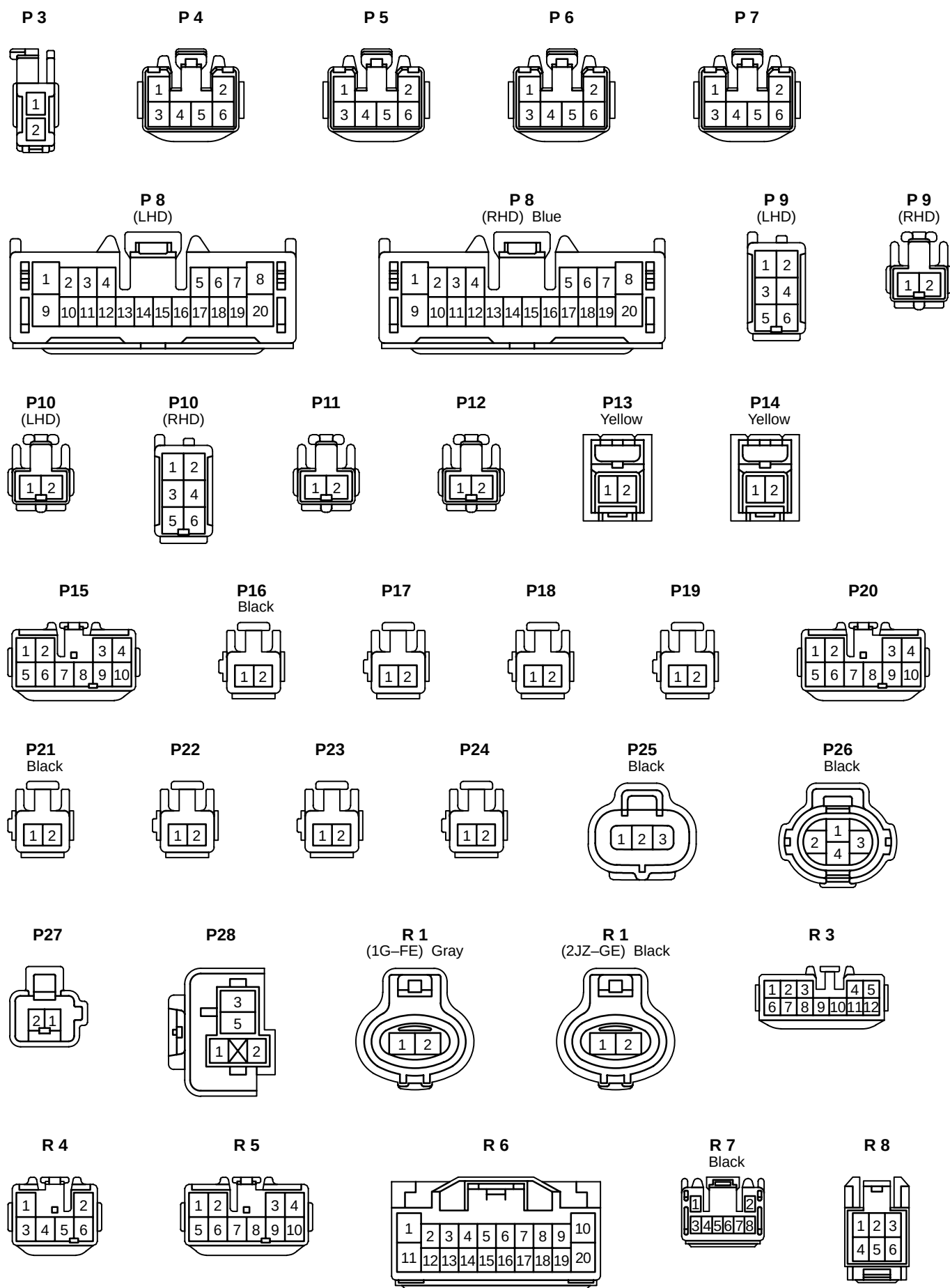


**J15**  
(LHD S/D)

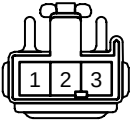
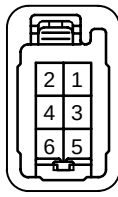
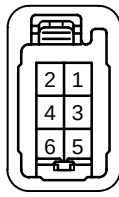
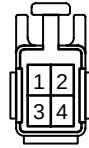
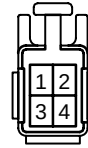
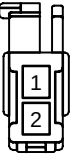
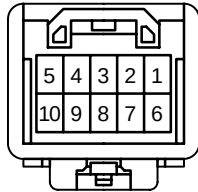
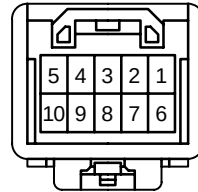
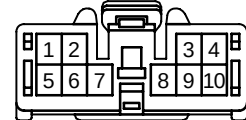
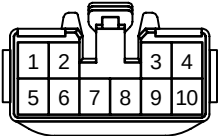
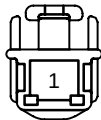
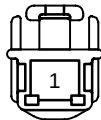
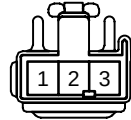
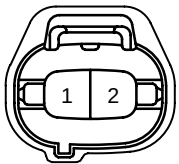
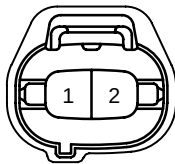
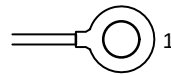
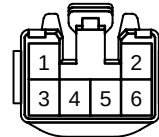
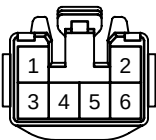
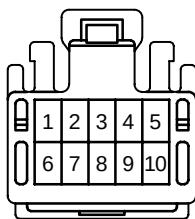
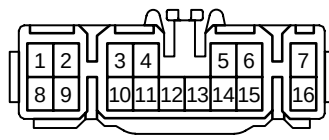
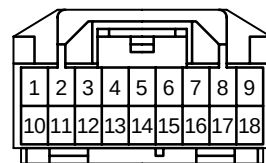
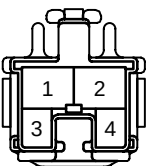
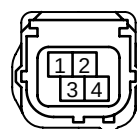


**J15**  
(LHD W/G, RHD)**J16**  
(LHD)**J16**  
(RHD)**J17****J18****J19****J20****K 1**  
Dark Gray**K 2**  
Dark Gray**K 3**  
Black**L 1**  
Gray**L 2**  
Gray**L 3****L 4**  
Black**L 5****L 6****L 7**  
(S/D) Gray**L 7**  
(W/G)**M 1****M 2****M 3****M 4****N 1**  
Gray**N 2**  
Gray**N 3****N 4****N 7****N 8****P 1**  
Black**P 2**  
Black

# F CONNECTOR LIST



\*3 : Except South Korea

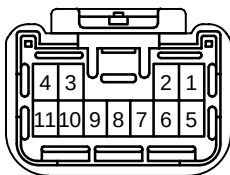
**R 9****R10****R11****R12****R13****R14**  
(S/D)**R14**  
(W/G)**R15**  
(S/D)**R15**  
(W/G)**R16****R17****R18**  
(\*3)**R18**  
(South Korea)**R19****R20****R21**  
Black**R22****S 1**  
Black**S 2**  
Black**S 3**  
Black**S 4**  
Black**S 5****S 6**  
Blue**S 7****S 8****S 9****S10****S11****S12****S13****S14**  
Yellow**S15**  
Yellow**S16**  
Yellow

# F CONNECTOR LIST

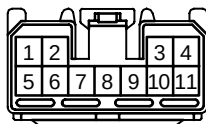
**S17**  
Yellow



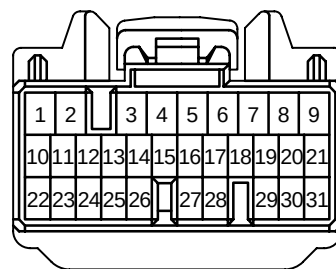
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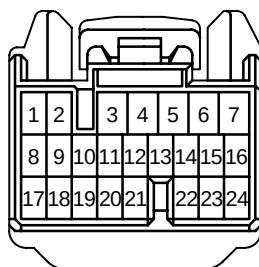
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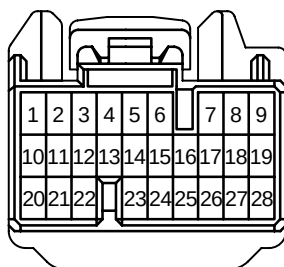
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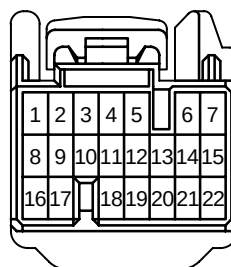
**S21**



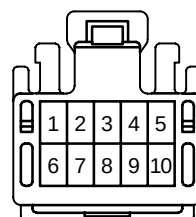
**S22**



**S23**



**S24**



**S25**



**S26**



**T 1**  
(1G-FE) Gray



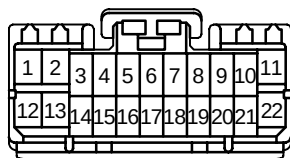
**T 1**  
(2JZ-GE) Black



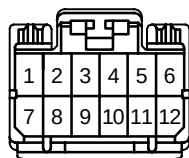
**T 2**  
Black



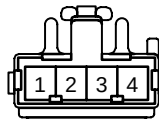
**T 4**



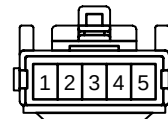
**T 5**



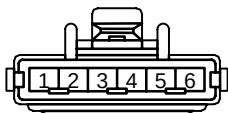
**T 6**  
Black



**T 7**  
(LHD)



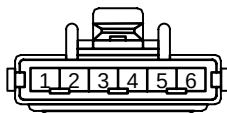
**T 7**  
(RHD) Black



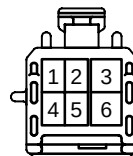
**T10**  
Gray



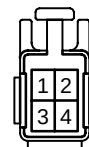
**T11**  
Black



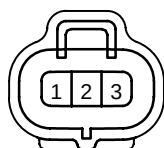
**T12**



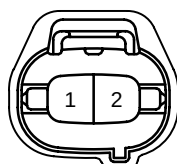
**U 1**



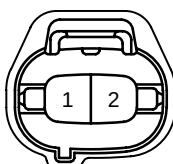
**V 1**  
Black



**V 2**  
Brown



**V 3**  
Blue



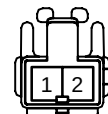
**V 4**

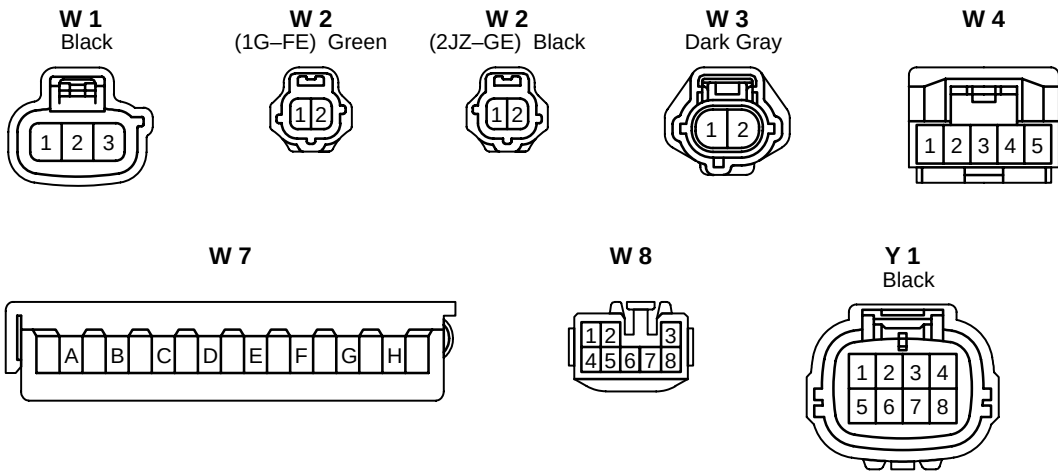


**V 5**



**V 6**  
Black





## G PART NUMBER OF CONNECTORS

| Code | Part Name                                      | Part Number | Code | Part Name                                                    | Part Number |
|------|------------------------------------------------|-------------|------|--------------------------------------------------------------|-------------|
| A 1  | A/C Ambient Temp. Sensor                       | 90980-11070 | B 9  | Buckle SW RH (w/ Power Seat)                                 | 90980-10825 |
| A 2  | A/C Condenser Fan Motor (1G-FE)                | 90980-10928 |      | Buckle SW RH (w/o Power Seat)                                | 90980-11212 |
|      | A/C Condenser Fan Motor (2JZ-GE)               | 90980-11410 | B10  | Buckle SW LH and Seat Belt Warning Occupant Detection Sensor | 90980-11212 |
| A 3  | A/C Magnetic Clutch                            | 90980-11271 | B11  | Buckle SW RH and Seat Belt Warning Occupant Detection Sensor | 90980-11471 |
| A 7  | ABS Speed Sensor Front LH                      | 90980-11002 | B12  | Back Door Courtesy SW and Opener Motor                       | 90980-10795 |
| A 8  | ABS Speed Sensor Front RH                      |             | B13  | Back Door Opener Relay                                       | 82660-53010 |
| A 9  | Accel Position Sensor (1G-FE)                  | 90980-10711 | B14  | Back Door Opener SW                                          | 90980-10860 |
|      | Accel Position Sensor (2JZ-GE)                 | 90980-11150 | C 1  | Camshaft Position Sensor                                     | 90980-10947 |
| A10  | Airbag Sensor Front LH                         | 90980-11856 | C 2  | Camshaft Timing Oil Control Valve                            | 90980-11162 |
| A11  | Airbag Sensor Front RH                         |             | C 4  | Crankshaft Position Sensor                                   | 90980-10947 |
| A12  | Alternator (1G-FE)                             | 90980-09213 | C 5  | Center Airbag Sensor Assembly                                | 90980-11873 |
|      | Alternator (2JZ-GE)                            | 90980-09363 | C 6  | Center Airbag Sensor Assembly                                | 90980-11872 |
| A13  | Alternator                                     | 90980-11349 | C 7  | Center Airbag Sensor Assembly                                | 90980-11871 |
| A14  | A/C Control Assembly                           | 90980-11971 | C 8  | Cigarette Lighter                                            | 90980-10760 |
| A15  | A/C Control Assembly                           | 90980-11973 | C 9  | Cigarette Lighter Illumination                               | 90980-11148 |
| A16  | A/C Room Temp. Sensor                          | 90980-10825 | C10  | Combination Meter                                            | 90980-11915 |
| A17  | A/C Solar Sensor                               | 90980-11918 | C11  | Combination Meter                                            | 90980-11911 |
| A24  | Air Inlet Control Servo Motor                  | 90980-11165 | C12  | Combination SW                                               | 90980-11594 |
| A25  | Air Mix Control Servo Motor                    |             | C13  | Combination SW                                               | 90980-11616 |
| A26  | Air Vent Mode Control Servo Motor              |             | C14  | Combination SW (Australia w/ VSC)                            | 90980-11671 |
| A27  | Airbag Squib (Front Passenger Airbag Assembly) | 90980-11886 |      | Combination SW (Australia w/o VSC)                           | 90980-11595 |
| A28  | Airbag Squib (Steering Wheel Pad)              | 90980-10850 |      | Combination SW (Europe)                                      | 90980-11672 |
| A29  | Antenna Amplifier                              | 90980-10871 | C15  | Curtain Shield Airbag Squib LH                               | 90980-11886 |
| A30  | Ashtray Illumination                           | 90980-10825 | C16  | Curtain Shield Airbag Squib RH                               |             |
| A31  | Automatic Light Control Sensor                 | 90980-11107 | D 1  | Daytime Running Light Relay                                  | 90980-10807 |
| A32  | ABS Speed Sensor Rear LH (S/D)                 | 90980-11060 |      | Short Connector                                              |             |
|      | ABS Speed Sensor Rear LH (W/G)                 | 90980-10859 | D 2  | Double Locking ECU                                           | 90980-10803 |
| A33  | ABS Speed Sensor Rear RH (S/D)                 | 90980-11299 | D 3  | Diode (A/C)                                                  | 90980-11251 |
|      | ABS Speed Sensor Rear RH (W/G)                 | 90980-10824 | D 4  | DLC3                                                         | 90980-11665 |
| A34  | A/C Magnetic Clutch and Lock Sensor            | 90980-11016 | D 5  | Door Courtesy Light Front LH                                 | 90980-11148 |
| A35  | ABS & BA & TRC Actuator                        | 90980-12020 | D 6  | Door Courtesy Light Front RH                                 |             |
| A36  | ABS & BA & TRC & VSC Actuator                  |             | D 7  | Door Courtesy SW Front LH                                    | 90980-10871 |
| A37  | Air Flow Meter                                 | 90980-11317 | D 8  | Door Courtesy SW Front RH                                    |             |
| B 1  | Back-Up Light SW                               | 90980-11142 | D 9  | Door Courtesy SW Rear LH                                     |             |
| B 2  | Brake Fluid Level Warning SW                   | 90980-11207 | D10  | Door Courtesy SW Rear RH                                     | 90980-11858 |
| B 3  | Blower Motor                                   | 90980-10214 | D11  | Door Key Lock and Unlock SW Front LH                         |             |
| B 4  | Blower Motor Controller                        | 90980-11167 |      | Door Lock Detection SW Front LH                              |             |
| B 5  | Blower Motor Controller                        | 90980-11579 |      | Door Lock Motor Front LH                                     |             |
| B 6  | Body ECU                                       | 90980-11971 | D12  | Door Key Lock and Unlock SW Front RH                         |             |
| B 7  | Body ECU                                       | 90980-11911 |      | Door Lock Detection SW Front RH                              |             |
| B 8  | Buckle SW LH (w/ Power Seat)                   | 90980-10825 |      | Door Lock Motor Front RH                                     |             |
|      | Buckle SW LH (w/o Power Seat)                  | 90980-11212 |      |                                                              |             |

Note: Not all of the above part numbers of the connector are established for the supply.

| Code                            | Part Name                          | Part Number             | Code                           | Part Name                                          | Part Number         |
|---------------------------------|------------------------------------|-------------------------|--------------------------------|----------------------------------------------------|---------------------|
| D13                             | Door Lock Detection SW Front LH    | 90980-11150             | E15                            | Engine and ECT ECU                                 | 90980-12144         |
|                                 | Door Lock Motor Front LH           |                         | F 1                            | Front Clearance Light LH (w/ HID)                  | 90980-11156         |
| Door Lock Detection SW Front RH | Front Clearance Light LH (w/o HID) |                         |                                | 90980-11162                                        |                     |
| D14                             | Door Lock Motor Front RH           |                         | F 2                            | Front Clearance Light RH (w/ HID)                  | 90980-11156         |
|                                 | Door Lock Detection SW Rear LH     |                         |                                | Front Clearance Light RH (w/o HID)                 | 90980-11162         |
| D15                             | Door Lock Motor Rear LH            |                         | F 3                            | Front Fog Light LH                                 | 90980-11096         |
|                                 | D16                                |                         | Door Lock Detection SW Rear RH | F 4                                                |                     |
| Door Lock Motor Rear RH         |                                    |                         | F 5                            | Front Side Turn Signal Light LH                    | 90980-11162         |
| D17                             | Diode (Luggage Compartment)        | 90980-10962             | F 6                            | Front Side Turn Signal Light RH                    |                     |
| D18                             | Door Lock Detection SW Front LH    | 90980-10799             | F 7                            | Front Turn Signal Light LH                         | 90980-11019         |
|                                 | Door Lock Motor Front LH           |                         | F 8                            | Front Turn Signal Light RH                         |                     |
|                                 | Double Lock Motor Front LH         |                         | F 9                            | Front Window Deicer                                | 90980-11295         |
|                                 | Double Lock Position SW Front LH   |                         | F10                            | Front Wiper Motor                                  | 90980-11599         |
| D19                             | Door Lock Detection SW Front RH    |                         | F11                            | Front Door Speaker LH                              | 90980-10935         |
|                                 | Door Lock Motor Front RH           |                         | F12                            | Front Door Speaker RH                              |                     |
|                                 | Double Lock Motor Front RH         |                         | F13                            | Front Door Tweeter Speaker LH                      | 90980-11013         |
|                                 | Double Lock Position SW Front RH   |                         | F14                            | Front Door Tweeter Speaker RH                      |                     |
| D20                             | Door Lock Detection SW Rear LH     |                         | F15                            | Fuel Pump                                          | 90980-11077         |
|                                 | Door Lock Motor Rear LH            |                         |                                | Fuel Sender                                        |                     |
|                                 | Double Lock Motor Rear LH          |                         | F16                            | Fuel Sender (Sub)                                  | 90980-11140         |
|                                 | Double Lock Position SW Rear LH    |                         | F17                            | Front Side Marker Light LH                         | 90980-11162         |
| D21                             | Door Lock Detection SW Rear RH     |                         | F18                            | Front Side Marker Light RH                         |                     |
|                                 | Door Lock Motor Rear RH            |                         | F19                            | Fuel Pump Resistor                                 | 90980-10901         |
|                                 | Double Lock Motor Rear RH          |                         | G 1                            | Glove Box Light                                    | 90980-11098         |
|                                 | Double Lock Position SW Rear RH    |                         | H 1                            | Headlight Beam Level Control Actuator LH (w/ HID)  | 90980-11144         |
| E 1                             | ECT Solenoid (1G-FE)               | 90980-10891             |                                | Headlight Beam Level Control Actuator LH (w/o HID) | 90980-11016         |
| E 2                             | ECT Solenoid (2JZ-GE)              | 90980-11151             | H 2                            | Headlight Beam Level Control Actuator RH (w/ HID)  | 90980-11144         |
|                                 | Engine and ECT ECU (A/T)           | 90980-11638             |                                | Headlight Beam Level Control Actuator RH (w/o HID) | 90980-11016         |
| E 3                             | Engine ECU (M/T)                   |                         | H 3                            | Headlight Cleaner Control Relay                    | 90980-10939         |
|                                 | Engine and ECT ECU (A/T)           | 90980-11586             | H 4                            | Headlight Cleaner Motor                            | 90980-11410         |
| E 5                             | Engine ECU (M/T)                   |                         | 90980-11476                    | H 5                                                | Headlight LH (High) |
|                                 | Engine and ECT ECU (A/T)           | 90980-11421             |                                | H 6                                                | Headlight LH (Low)  |
| E 6                             | Engine ECU (M/T)                   |                         | H 7                            | Headlight RH (High)                                | 90980-11095         |
|                                 | E 7                                | Engine Hood Courtesy SW | 90980-11189                    | H 8                                                | Headlight RH (Low)  |
| E 8                             | Engine Oil Level Sensor (1G-FE)    | 90980-10532             | H 9                            | Heated Oxygen Sensor (Bank 1 Sensor 1)             | 90980-11028         |
|                                 | Engine Oil Level Sensor (2JZ-GE)   | 90980-11235             | H10                            | Heated Oxygen Sensor (Bank 2 Sensor 1) (1G-FE)     | 90980-11028         |
| E 9                             | Engine Oil Pressure SW             | 90980-11363             |                                | Heated Oxygen Sensor (Bank 2 Sensor 1) (2JZ-GE)    | 90980-10869         |
| E10                             | ECT Pattern Select SW              | 90980-10933             | H11                            | Horn LH                                            | 90980-10619         |
| E11                             | Engine and ECT ECU                 | 90980-12142             | H12                            | Horn RH                                            |                     |
| E12                             | Engine and ECT ECU                 | 90980-12146             | H13                            | Headlight Beam Level Control SW                    | 90980-10797         |
| E13                             | Engine and ECT ECU                 | 90980-12143             |                                |                                                    |                     |
| E14                             | Engine and ECT ECU                 | 90980-12145             |                                |                                                    |                     |

## G PART NUMBER OF CONNECTORS

| Code | Part Name                                       | Part Number | Code | Part Name                                             | Part Number |
|------|-------------------------------------------------|-------------|------|-------------------------------------------------------|-------------|
| H14  | Headlight Cleaner SW                            | 90980-11013 | J 5  | Junction Connector                                    | 90980-10976 |
| H15  | Heated Oxygen Sensor (Bank 1 Sensor 2) (1G-FE)  | 90980-11028 | J 6  | Junction Connector (LHD)                              | 82824-16060 |
|      | Heated Oxygen Sensor (Bank 1 Sensor 2) (2JZ-GE) | 90980-10869 |      | Junction Connector (RHD)                              | 82824-10020 |
| H16  | High Mounted Stop Light (Bulb Type)             | 90980-11148 | J 7  | Junction Connector                                    | 82824-10030 |
|      | High Mounted Stop Light (LED Type)              | 90980-11967 | J 8  | Junction Connector (LHD)                              | 82824-16060 |
| H17  | Headlight Control ECU LH                        | 90980-11255 |      | Junction Connector (RHD)                              | 82824-10030 |
| H18  | Headlight Control ECU RH                        |             | J 9  | Junction Connector                                    | 82824-16060 |
| H19  | Height Control Sensor Front LH                  | 90980-11016 | J11  | Junction Connector (LHD)                              | 82824-10020 |
| H20  | Headlight Beam Level Control ECU                | 90980-11469 |      | Junction Connector (RHD)                              | 82824-10010 |
| H21  | Heated Oxygen Sensor (Bank 2 Sensor 2)          | 90980-11028 | J12  | Junction Connector                                    | 82824-10010 |
| H22  | Height Control Sensor Rear LH                   | 90980-11860 | J13  | Junction Connector                                    | 90980-11542 |
| I 1  | Ignition Coil and Igniter No.1                  | 90980-11885 | J14  | Junction Connector                                    |             |
| I 2  | Ignition Coil and Igniter No.2                  |             | J15  | Junction Connector                                    |             |
| I 3  | Ignition Coil and Igniter No.3                  |             | J16  | Junction Connector                                    |             |
| I 4  | Ignition Coil and Igniter No.4                  |             | J17  | Junction Connector                                    | 90980-10976 |
| I 5  | Ignition Coil and Igniter No.5                  |             | J18  | Junction Connector                                    | 90980-11915 |
| I 6  | Ignition Coil and Igniter No.6                  |             | J19  | Junction Connector                                    | 90980-11542 |
| I 7  | Injector No.1 (1G-FE)                           | 90980-11875 | J20  | Junction Connector                                    |             |
|      | Injector No.1 (2JZ-GE)                          | 90980-11153 | K 1  | Knock Sensor 1                                        | 90980-11166 |
| I 8  | Injector No.2 (1G-FE)                           | 90980-11875 | K 2  | Knock Sensor 2                                        |             |
|      | Injector No.2 (2JZ-GE)                          | 90980-11153 | K 3  | Kick Down SW                                          | 90980-11156 |
| I 9  | Injector No.3 (1G-FE)                           | 90980-11875 | L 1  | License Plate Light LH                                | 90980-11148 |
|      | Injector No.3 (2JZ-GE)                          | 90980-11153 | L 2  | License Plate Light RH                                |             |
| I10  | Injector No.4 (1G-FE)                           | 90980-11875 | L 3  | Light Failure Sensor                                  | 90980-10803 |
|      | Injector No.4 (2JZ-GE)                          | 90980-11153 | L 4  | Luggage Compartment Door Courtesy SW and Opener Motor | 90980-10825 |
| I11  | Injector No.5 (1G-FE)                           | 90980-11875 | L 5  | Luggage Compartment Door Key Unlock SW                | 90980-11368 |
|      | Injector No.5 (2JZ-GE)                          | 90980-11153 | L 6  | Luggage Compartment Door Opener Relay                 | 90980-10171 |
| I12  | Injector No.6 (1G-FE)                           | 90980-11875 | L 7  | Luggage Compartment Light (S/D)                       | 90980-11148 |
|      | Injector No.6 (2JZ-GE)                          | 90980-11153 |      | Luggage Compartment Light (W/G)                       | 90980-10121 |
| I13  | Intake Air Temp. Sensor                         | 90980-11163 | M 1  | Multi-Display                                         | 90980-11877 |
| I14  | Ignition Key Cylinder Light                     | 90980-10906 | M 2  | Moon Roof Control ECU                                 | 90980-10801 |
| I15  | Ignition SW                                     | 90980-11615 | M 3  | Moon Roof Control SW                                  | 90980-10367 |
| I16  | Interior Light                                  | 90980-10935 |      | Personal Light                                        |             |
| I17  | Interior Light                                  | 90980-11909 | M 4  | Multi-Display                                         | 90980-11923 |
|      | Radar Sensor                                    |             | N 1  | Neutral Start SW                                      | 90980-11784 |
| I18  | Igniter                                         | 90980-11653 | N 2  | Noise Filter (Ignition)                               | 90980-10843 |
| I19  | Ignition Coil No.1                              | 90980-11246 | N 3  | Navigation ECU                                        | 90980-11923 |
| I20  | Ignition Coil No.2                              |             | N 4  | Navigation ECU                                        | 90980-11973 |
| I21  | Ignition Coil No.3                              |             | N 7  | Noise Filter (Rear Window Defogger)                   | 90980-11259 |
| I22  | Inner Mirror                                    | 90980-11950 | N 8  | Noise Filter (Stop Light)                             | 90980-10825 |
| J 1  | Junction Connector                              | 90980-11542 | P 1  | Power Steering Oil Pressure SW                        | 90980-11428 |
| J 2  | Junction Connector                              | 90980-11661 | P 2  | Parking Brake SW                                      | 90980-10871 |
| J 3  | Junction Connector                              |             | P 3  | Personal Light                                        | 90980-10935 |
| J 4  | Junction Connector                              | 90980-10803 |      |                                                       |             |

Note: Not all of the above part numbers of the connector are established for the supply.

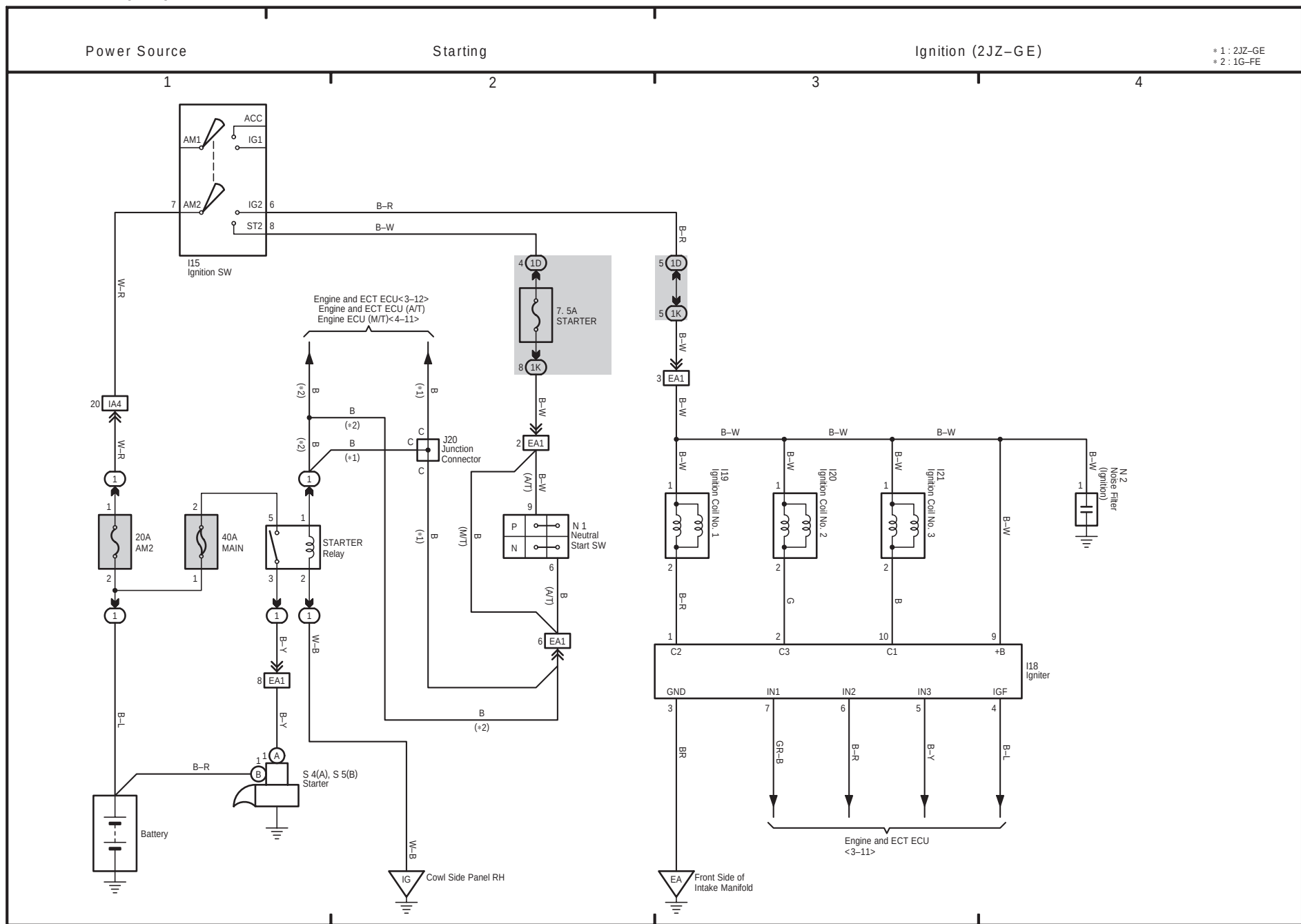
| Code | Part Name                                                        | Part Number | Code | Part Name                                     | Part Number |
|------|------------------------------------------------------------------|-------------|------|-----------------------------------------------|-------------|
| P 4  | Power Window Control SW Front LH                                 | 90980-10797 | R14  | Rear Speaker LH (S/D)                         | 90980-11399 |
| P 5  | Power Window Control SW Front RH                                 |             |      | Rear Speaker LH (W/G)                         | 90980-10935 |
| P 6  | Power Window Control SW Rear LH                                  |             | R15  | Rear Speaker RH (S/D)                         | 90980-11399 |
| P 7  | Power Window Control SW Rear RH                                  |             |      | Rear Speaker RH (W/G)                         | 90980-10935 |
| P 8  | Power Window Master SW                                           | 90980-11469 | R16  | Remote Control Mirror LH                      | 90980-11922 |
| P 9  | Power Window Motor Front LH (LHD)                                | 90980-11011 | R17  | Remote Control Mirror RH                      |             |
|      | Power Window Motor Front LH (RHD)                                | 90980-10860 | R18  | Remote Control Mirror SW (Except South Korea) | 90980-11450 |
| P10  | Power Window Motor Front RH (LHD)                                |             |      | Remote Control Mirror SW (South Korea)        | 90980-10801 |
|      | Power Window Motor Front RH (RHD)                                | 90980-11011 | R19  | Rear Window Defogger                          | 90980-11259 |
| P11  | Power Window Motor Rear LH                                       | 90980-10860 | R20  | Rear Window Defogger                          |             |
| P12  | Power Window Motor Rear RH                                       |             | R21  | Rear Wiper Motor                              | 90980-11296 |
| P13  | Pretensioner LH                                                  | 90980-11886 | R22  | Rear Wiper Motor                              | 90980-10871 |
| P14  | Pretensioner RH                                                  |             | S 1  | Speed Sensor (Combination Meter)              | 90980-11143 |
| P15  | Power Seat Control SW (Driver's Seat)                            | 90980-10997 | S 2  | Speed Sensor (Transmission Input)             | 90980-11156 |
| P16  | Power Seat Motor (Driver's Seat Front Vertical Control)          | 90980-10825 | S 3  | Speed Sensor (Transmission Output)            |             |
| P17  | Power Seat Motor (Driver's Seat Rear Vertical Control)           |             | S 4  | Starter                                       | 90980-11400 |
| P18  | Power Seat Motor (Driver's Seat Reclining Control)               |             | S 5  | Starter (1G-FE)                               | 90980-09506 |
| P19  | Power Seat Motor (Driver's Seat Slide Control)                   |             |      | Starter (2JZ-GE)                              | 90980-09531 |
| P20  | Power Seat Control SW (Front Passenger's Seat)                   | 90980-10997 | S 6  | Seat Heater SW (Driver's Seat)                | 90980-10797 |
| P21  | Power Seat Motor (Front Passenger's Seat Front Vertical Control) | 90980-10825 | S 7  | Seat Heater SW (Passenger's Seat)             |             |
| P22  | Power Seat Motor (Front Passenger's Seat Rear Vertical Control)  |             | S 8  | Shift Lock Control ECU                        | 90980-11581 |
| P23  | Power Seat Motor (Front Passenger's Seat Reclining Control)      |             | S 9  | Stereo Component Amplifier                    | 90980-10848 |
| P24  | Power Seat Motor (Front Passenger's Seat Slide Control)          |             | S10  | Stereo Component Amplifier                    | 90980-11913 |
| P25  | Power Steering Oil Pressure Sensor                               | 90980-10845 | S11  | Stop Light SW                                 | 90980-11118 |
| P26  | Pressure SW                                                      | 90980-10943 | S12  | Seat Heater (Driver's Seat)                   | 90980-10905 |
| P27  | Power Outlet                                                     | 90980-11300 | S13  | Seat Heater (Passenger's Seat)                |             |
| P28  | Power Outlet Relay                                               | 82660-20340 | S14  | Side Airbag Sensor LH                         | 90980-11857 |
| R 1  | Radiator Fan Motor                                               | 90980-10928 | S15  | Side Airbag Sensor RH                         |             |
| R 3  | Radio and Player                                                 | 90980-10803 | S16  | Side Airbag Squib LH                          | 90980-11864 |
| R 4  | Radio and Player                                                 | 90980-10996 | S17  | Side Airbag Squib RH                          |             |
| R 5  | Radio and Player                                                 | 90980-10997 | S18  | Short Connector                               | 90980-11538 |
| R 6  | Radio and Player                                                 | 90980-12038 | S19  | Short Connector                               | 90980-11539 |
| R 7  | Rear Fog Light SW                                                | 90980-11533 | S20  | Skid Control ECU                              | 90980-11421 |
| R 8  | Remote Controller (Navigation)                                   | 90980-12012 | S21  | Skid Control ECU                              | 90980-11476 |
| R 9  | Rheostat                                                         | 90980-11296 | S22  | Skid Control ECU                              | 90980-11637 |
| R10  | Rear Combination Light LH                                        | 90980-11587 | S23  | Skid Control ECU                              | 90980-11638 |
| R11  | Rear Combination Light RH                                        |             | S24  | Steering Sensor                               | 90980-11581 |
| R12  | Rear Fog Light LH                                                | 90980-10795 | S25  | Squawker LH                                   | 90980-11399 |
| R13  | Rear Fog Light RH                                                |             | S26  | Squawker RH                                   |             |
|      |                                                                  |             | T 1  | Throttle Control Motor                        | 90980-10942 |
|      |                                                                  |             | T 2  | Throttle Position Sensor                      | 90980-10711 |
|      |                                                                  |             | T 4  | Theft Deterrent ECU                           | 90980-11392 |
|      |                                                                  |             | T 5  | Theft Deterrent ECU                           | 90980-11424 |
|      |                                                                  |             | T 6  | Traction Cut SW                               | 90980-11013 |

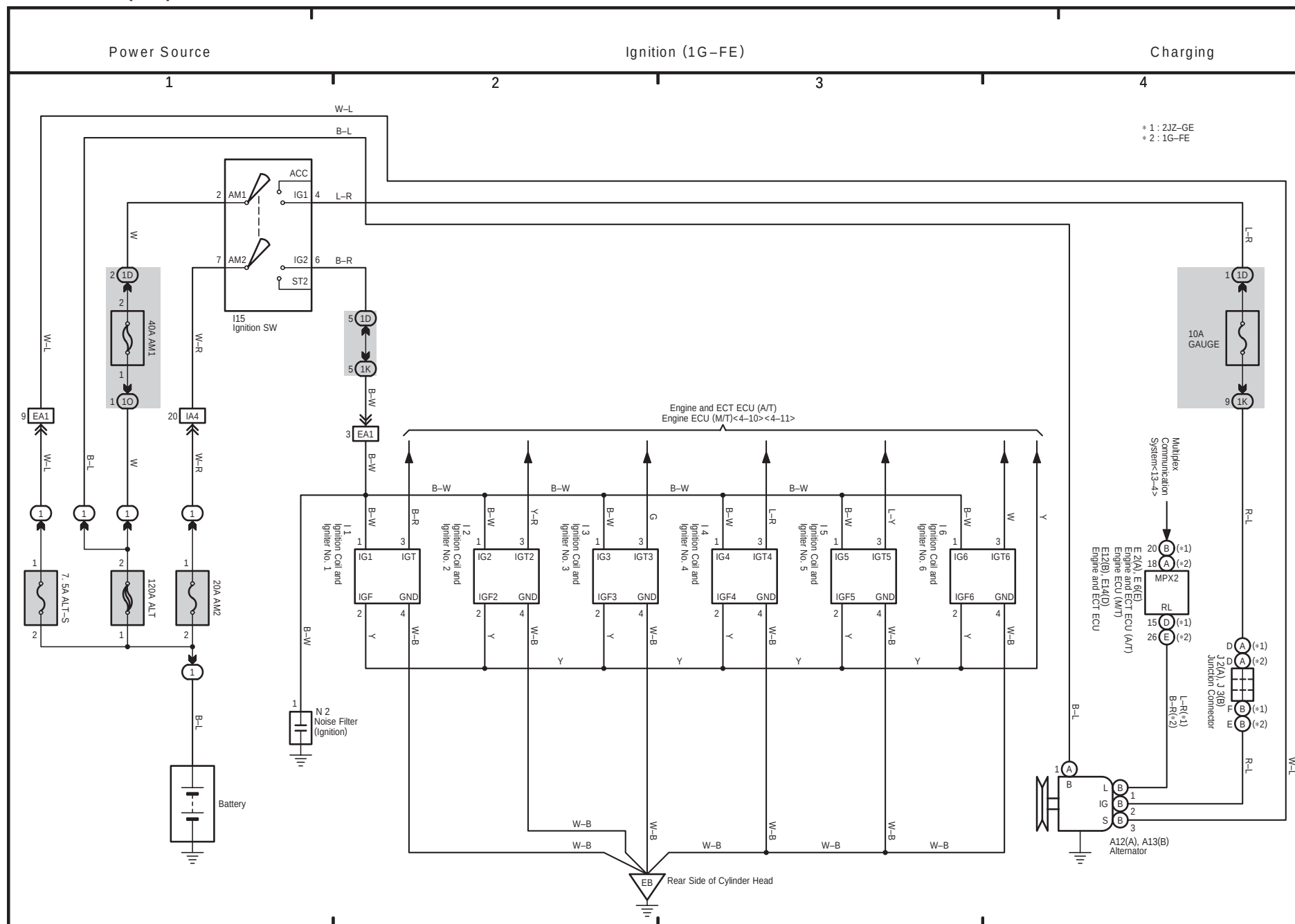
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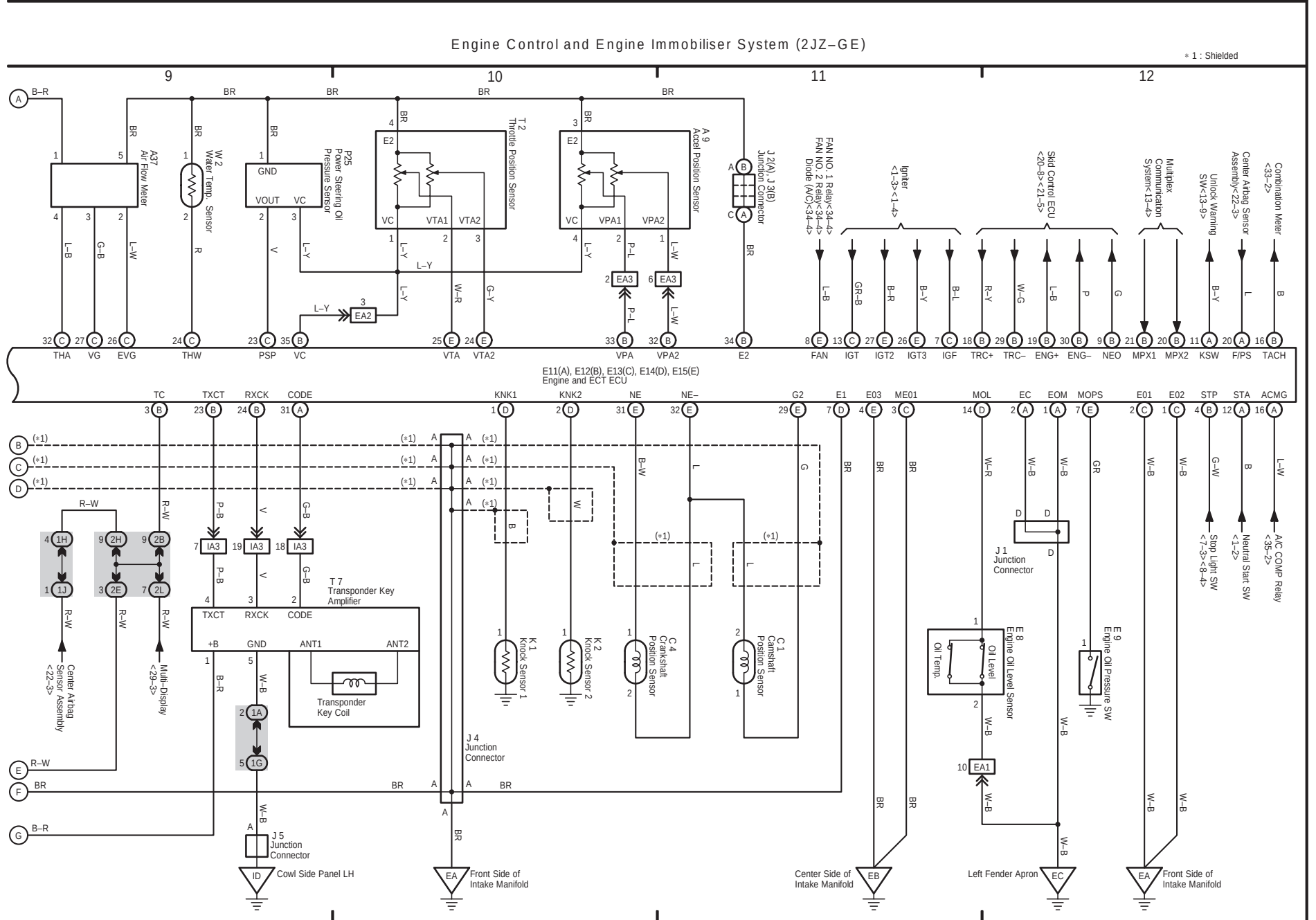
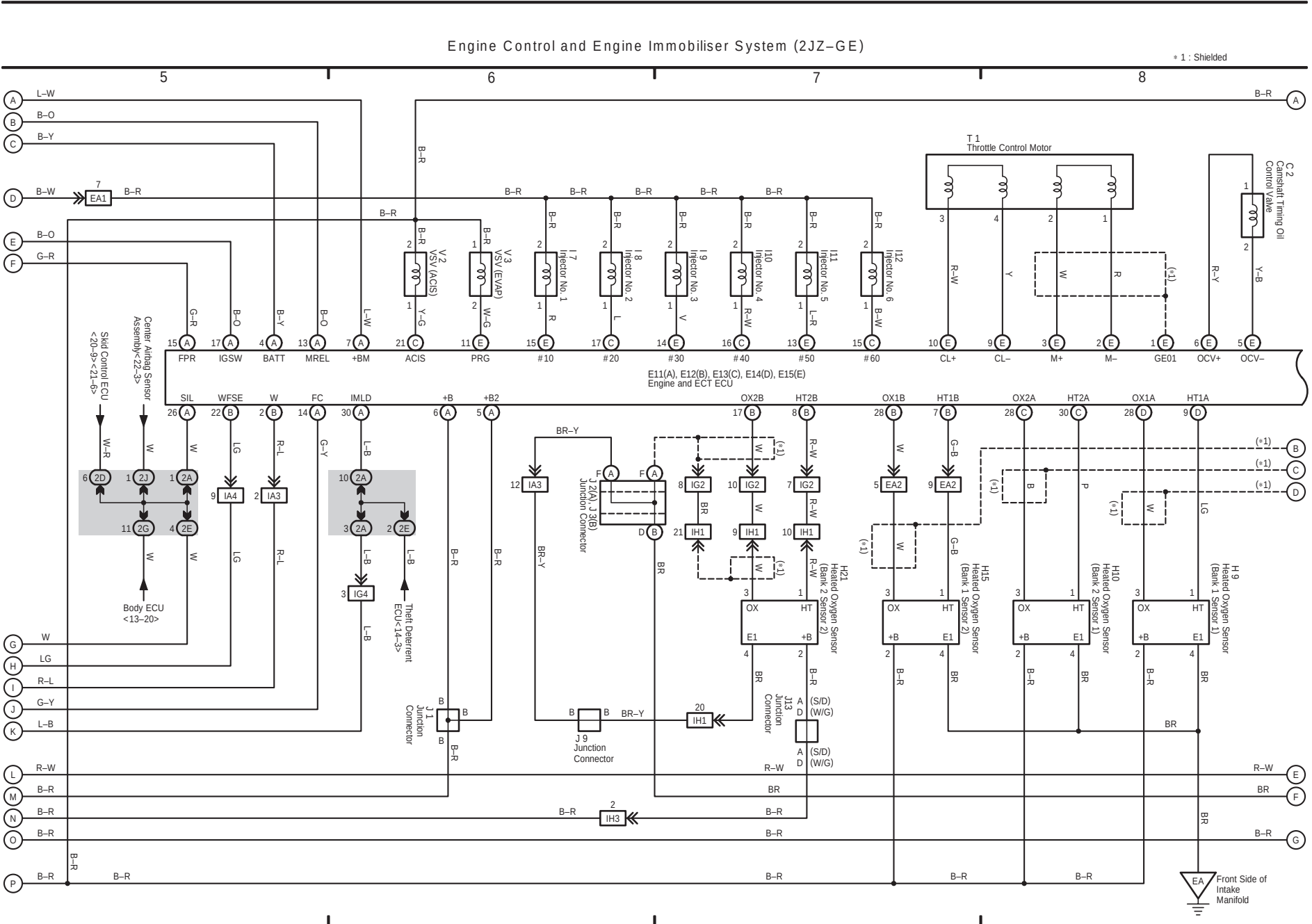
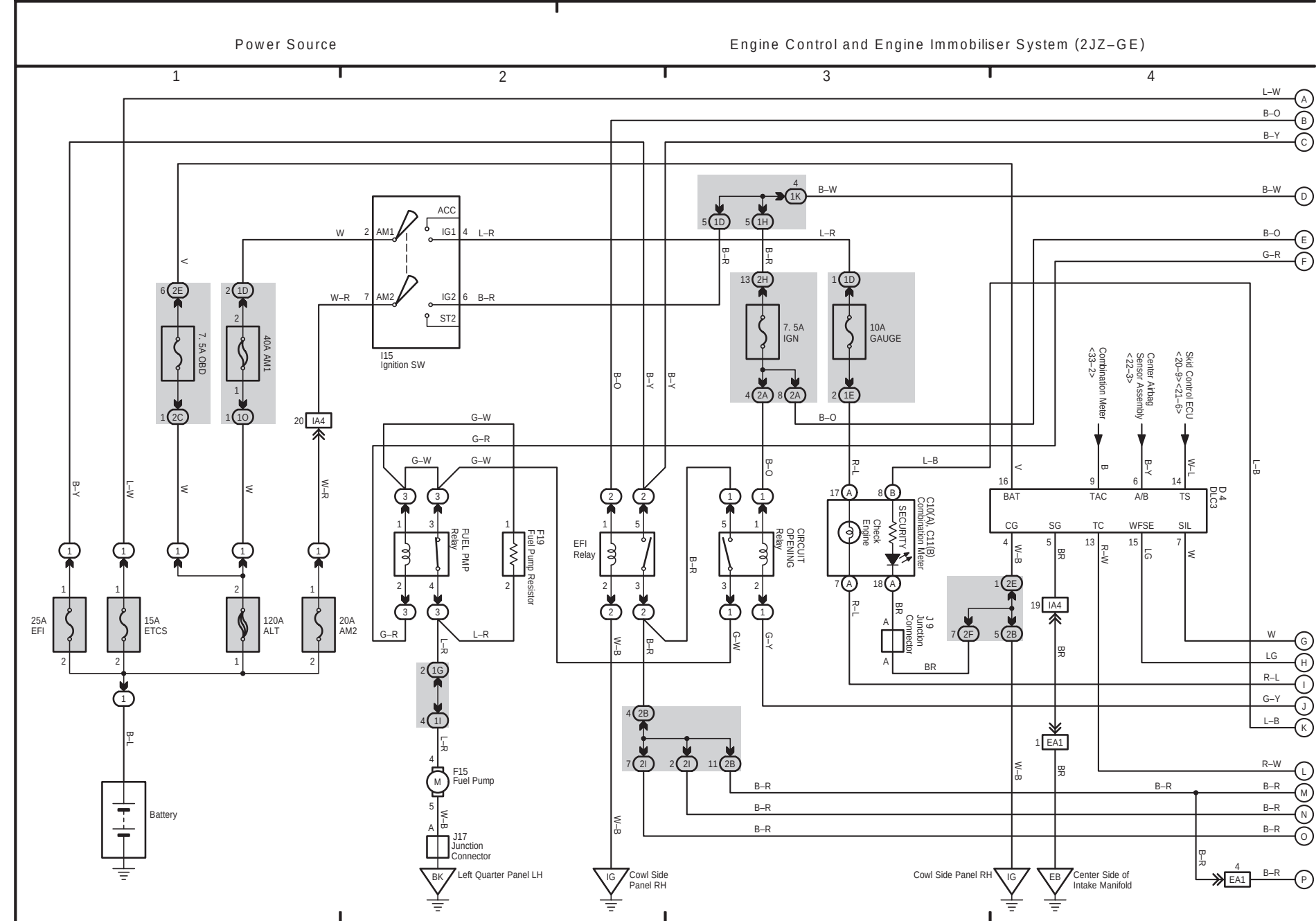
| Code | Part Name                       | Part Number | Code | Part Name                   | Part Number |
|------|---------------------------------|-------------|------|-----------------------------|-------------|
| T 7  | Transponder Key Amplifier (LHD) | 90980-10789 | V 6  | VSC Warning Buzzer          | 90980-10906 |
|      | Transponder Key Amplifier (RHD) | 90980-10933 | W 1  | Washer Motor                | 90980-10981 |
| T10  | Theft Warning Siren             | 90980-10942 | W 2  | Water Temp. Sensor (1G-FE)  | 90980-10737 |
| T11  | Traction Cut SW and Snow SW     | 90980-10933 |      | Water Temp. Sensor (2JZ-GE) | 90980-10736 |
| T12  | Transmission Control SW (L-2)   | 90980-11493 | W 3  | Water Temp. SW              | 90980-11235 |
| U 1  | Unlock Warning SW               | 90980-10795 | W 4  | Wireless Door Lock ECU      | 90980-11909 |
| V 1  | Vacuum Sensor                   | 90980-10845 | W 7  | Wire to FFC Holder          | 82824-53010 |
| V 2  | VSV (ACIS)                      | 90980-11149 | W 8  | Woofer                      | 90980-10799 |
| V 3  | VSV (EVAP)                      | 90980-11156 | Y 1  | Yaw Rate Sensor             | 90980-12080 |
| V 4  | Vanity Light LH                 | 90980-11918 |      |                             |             |
| V 5  | Vanity Light RH                 |             |      |                             |             |

Note: Not all of the above part numbers of the connector are established for the supply.

## LEXUS IS 300 / 200 (EWD452E)

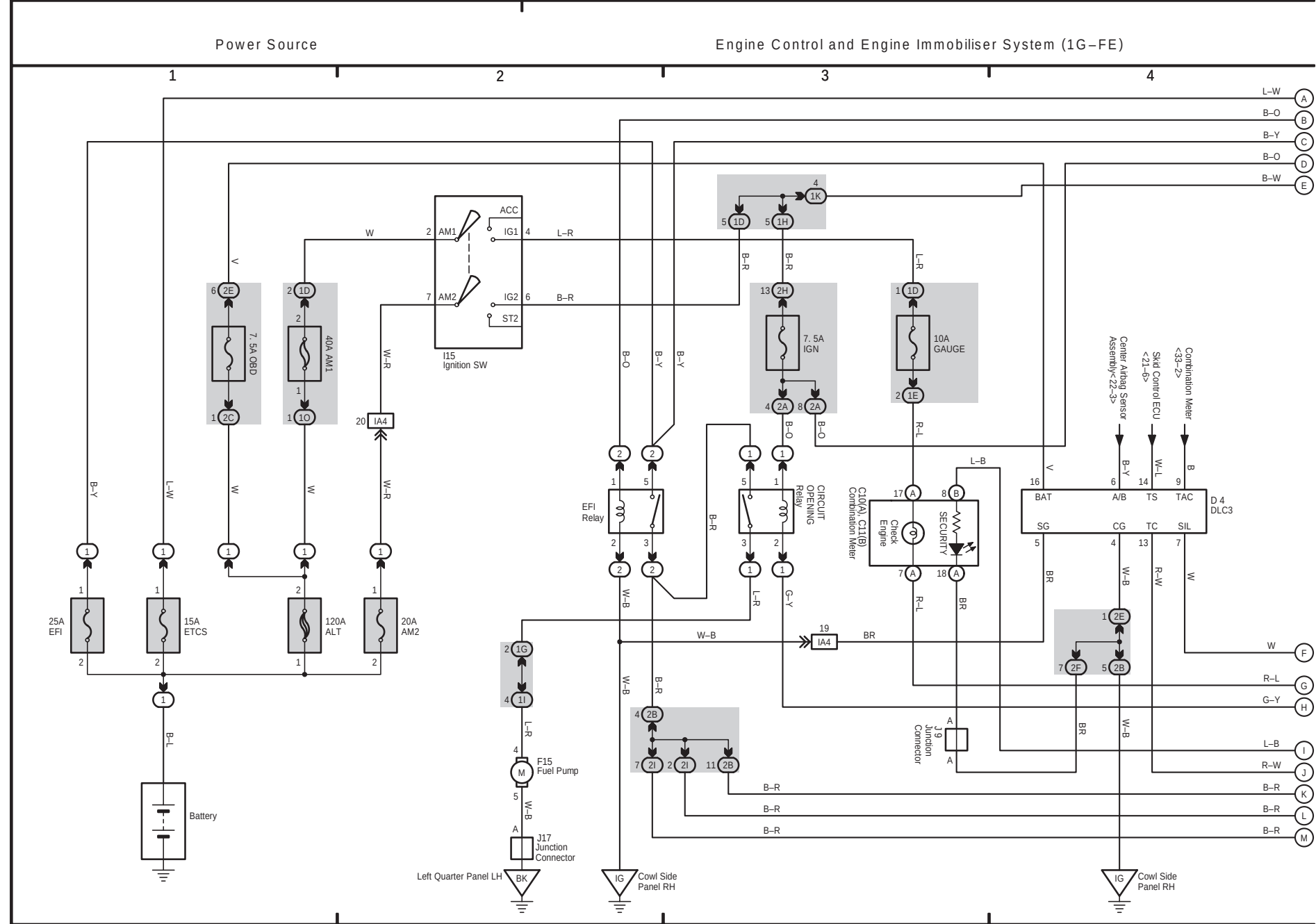






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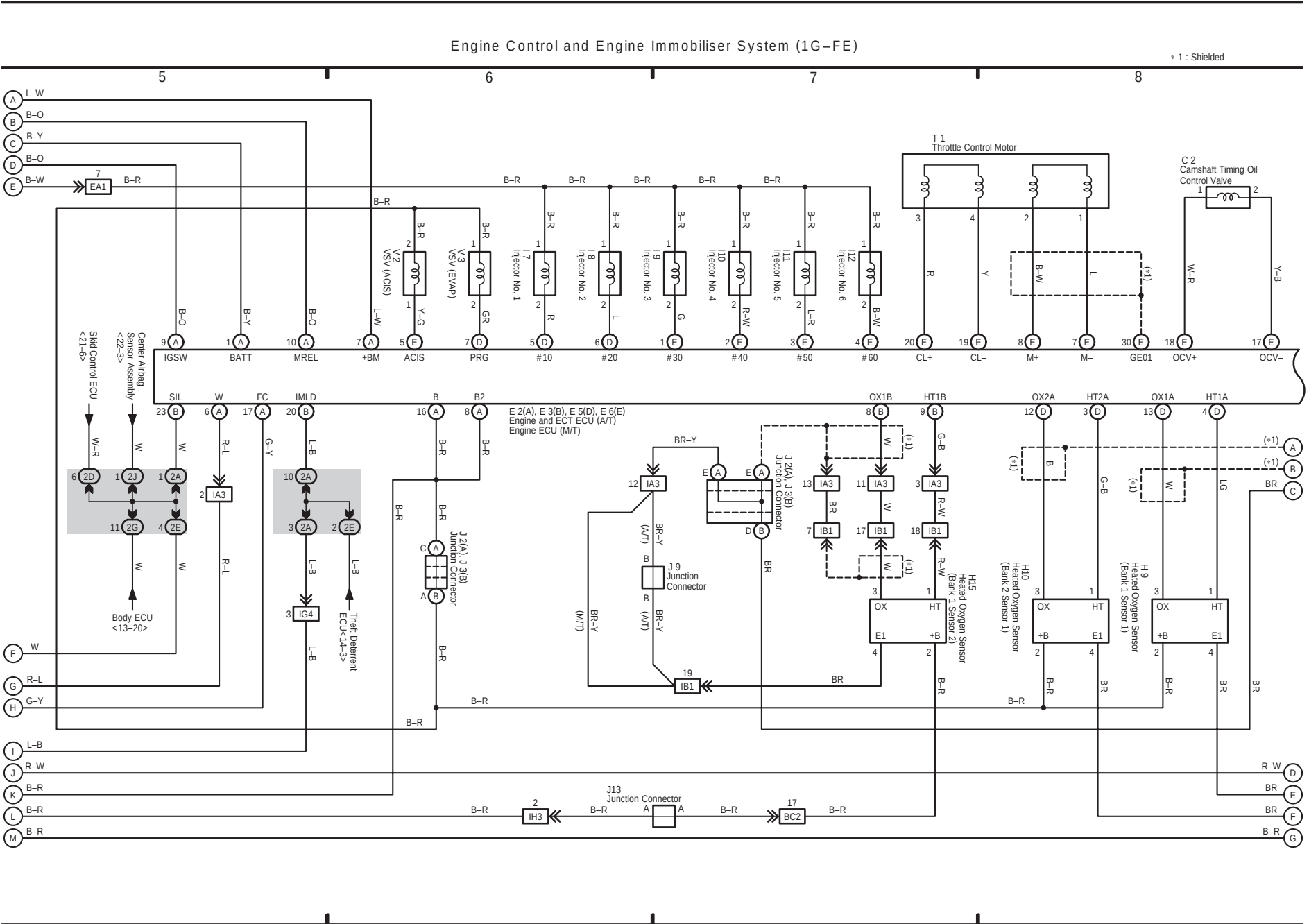
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OVERALL ELECTRICAL WIRING DIAGRAM

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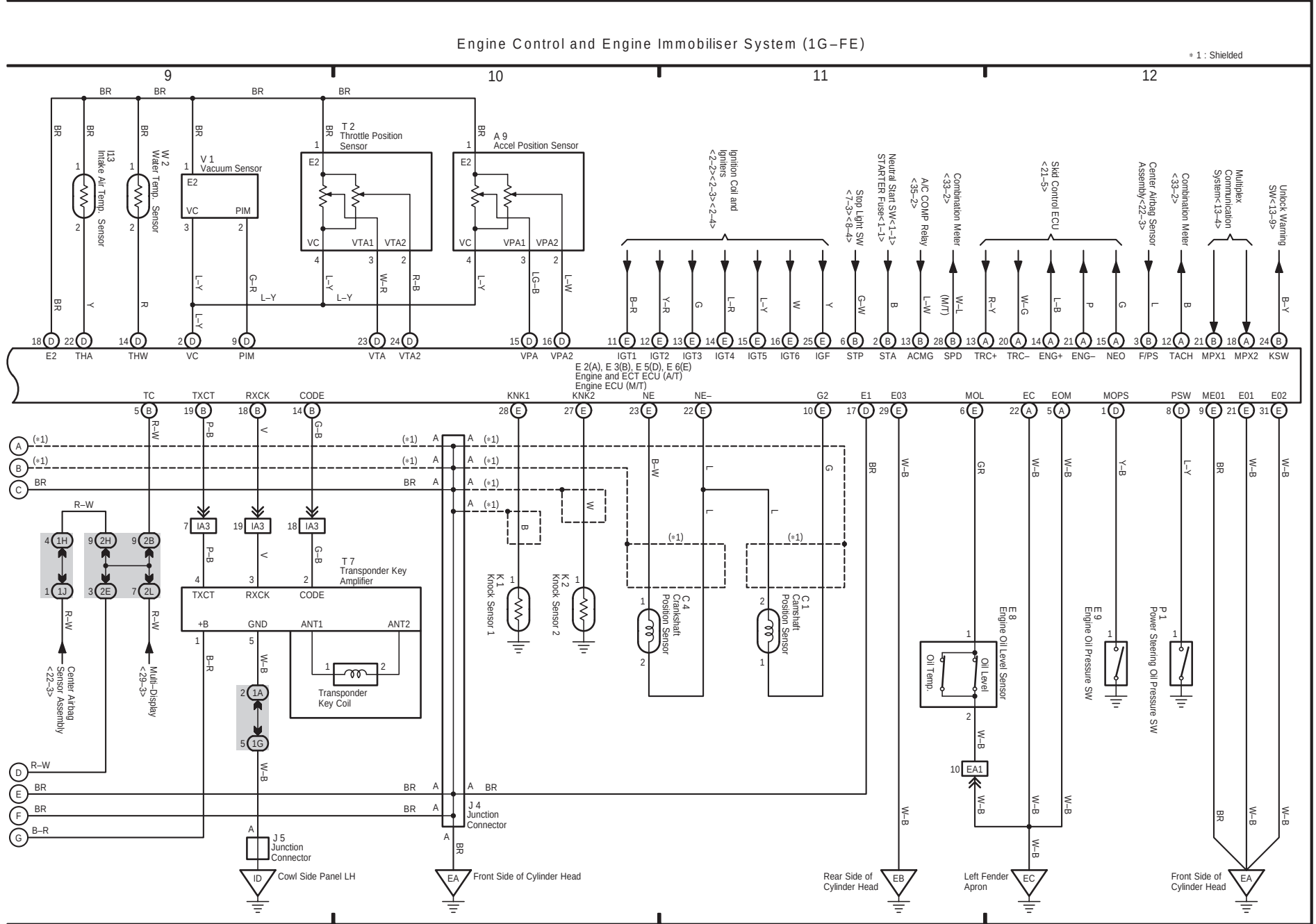
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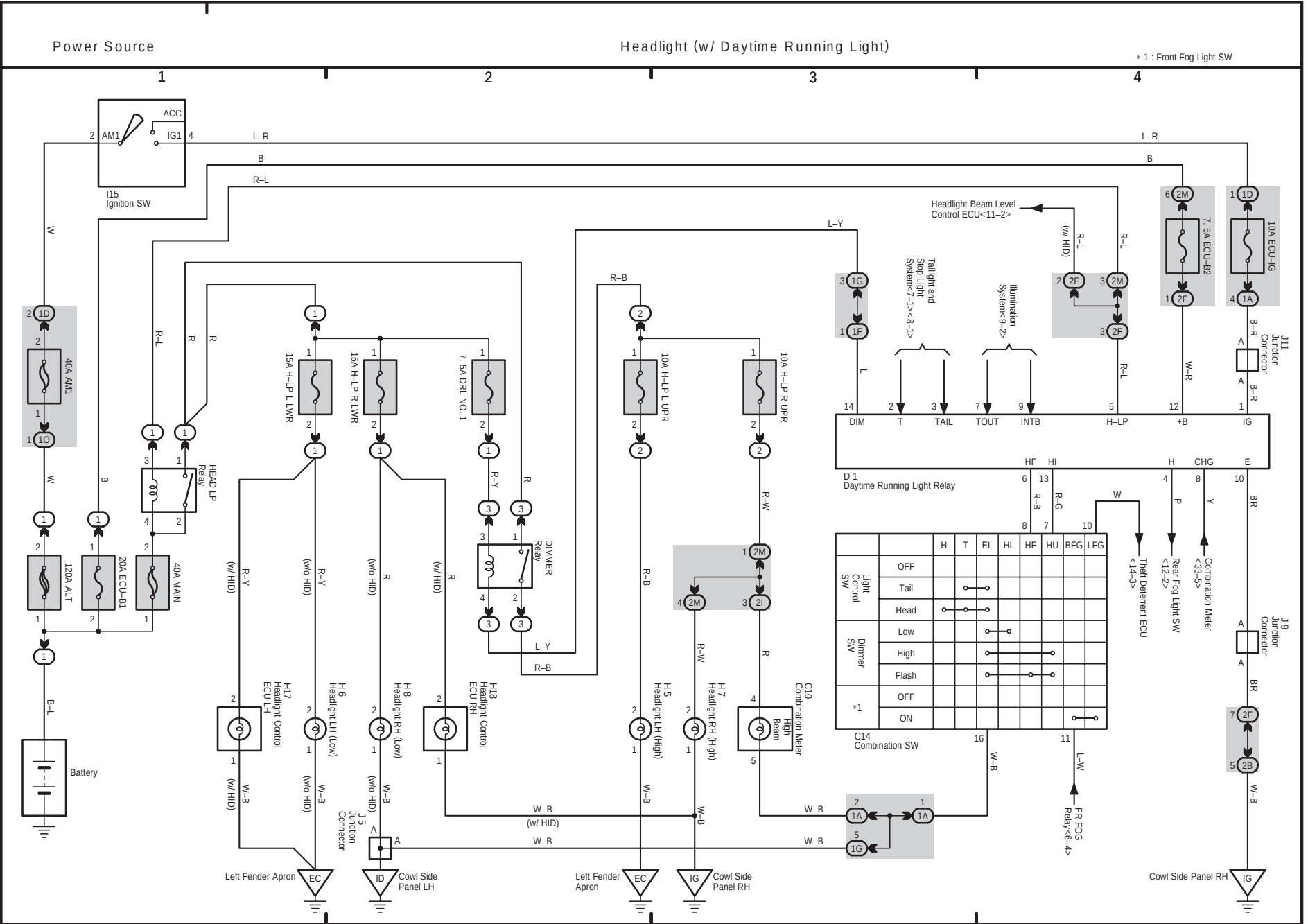
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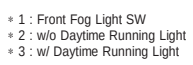
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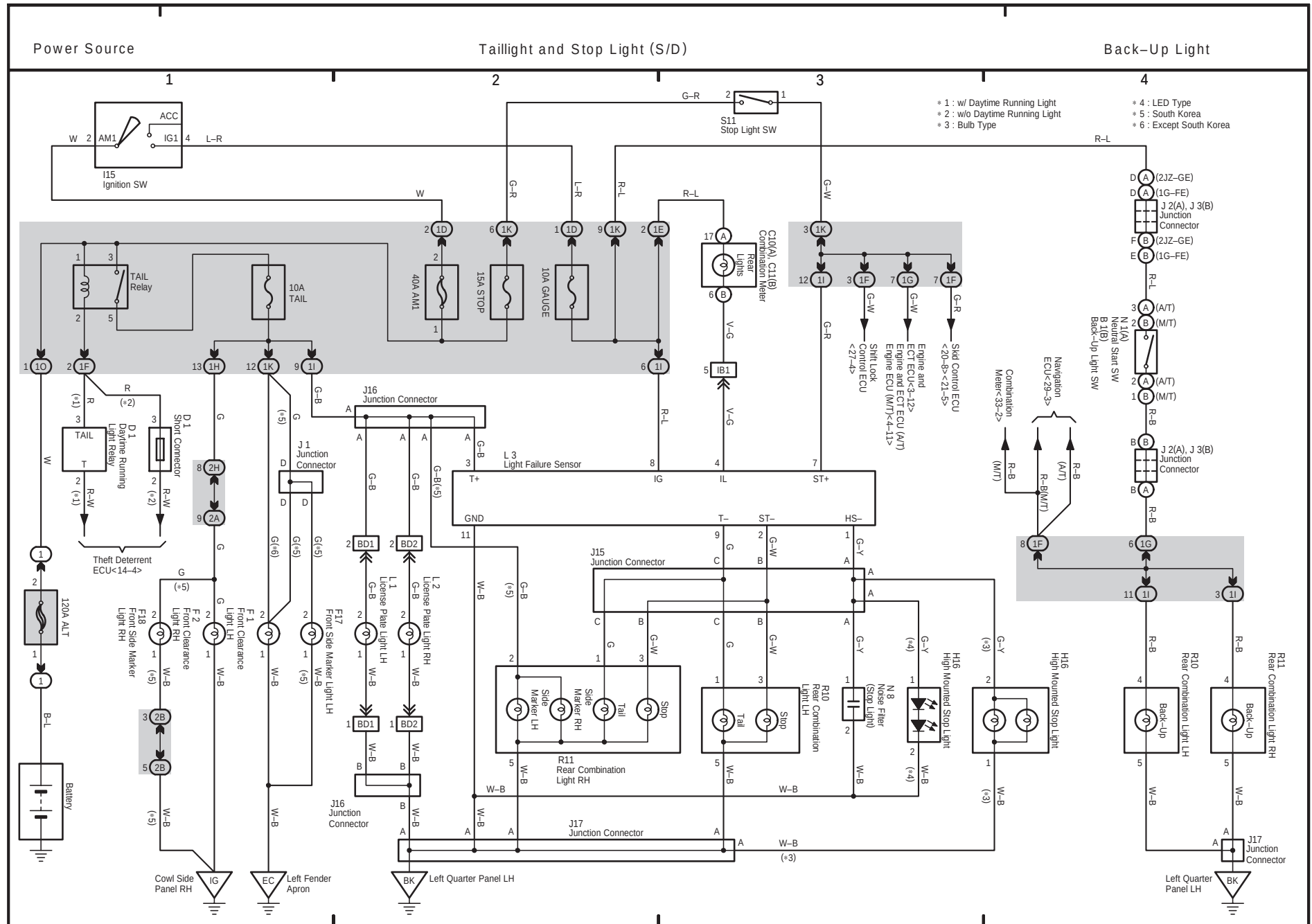
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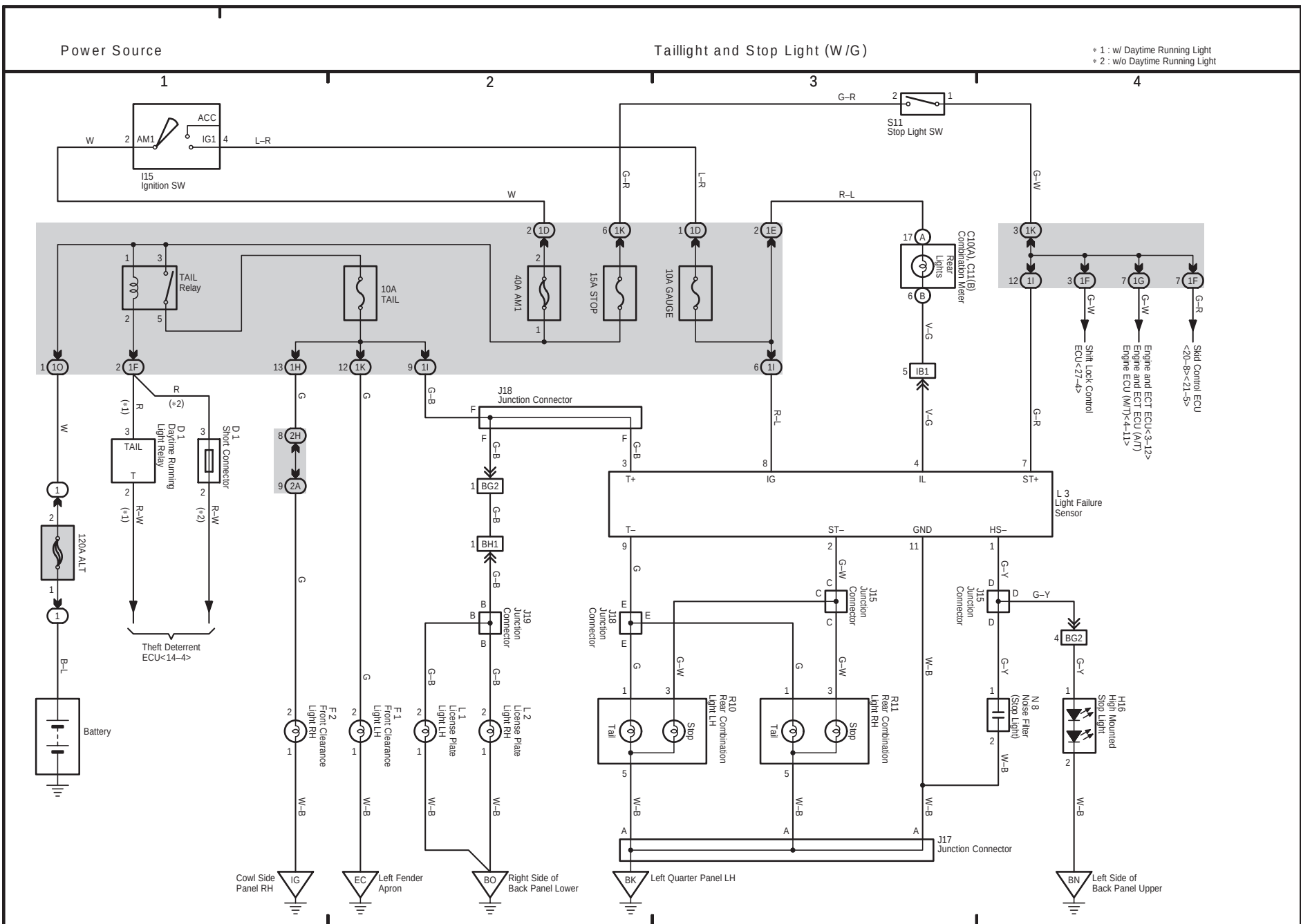


OVERALL ELECTRICAL WIRING DIAGRAM



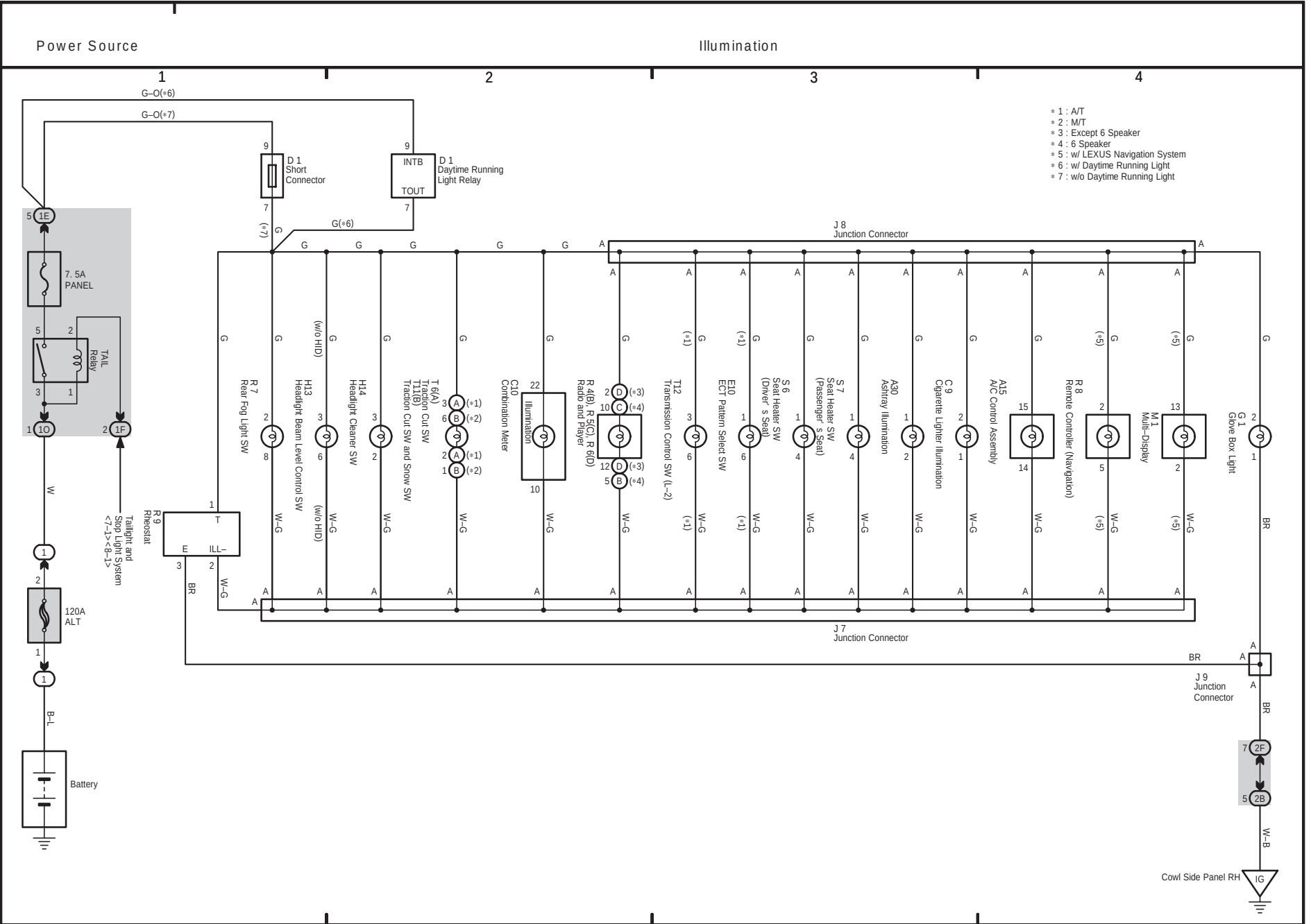




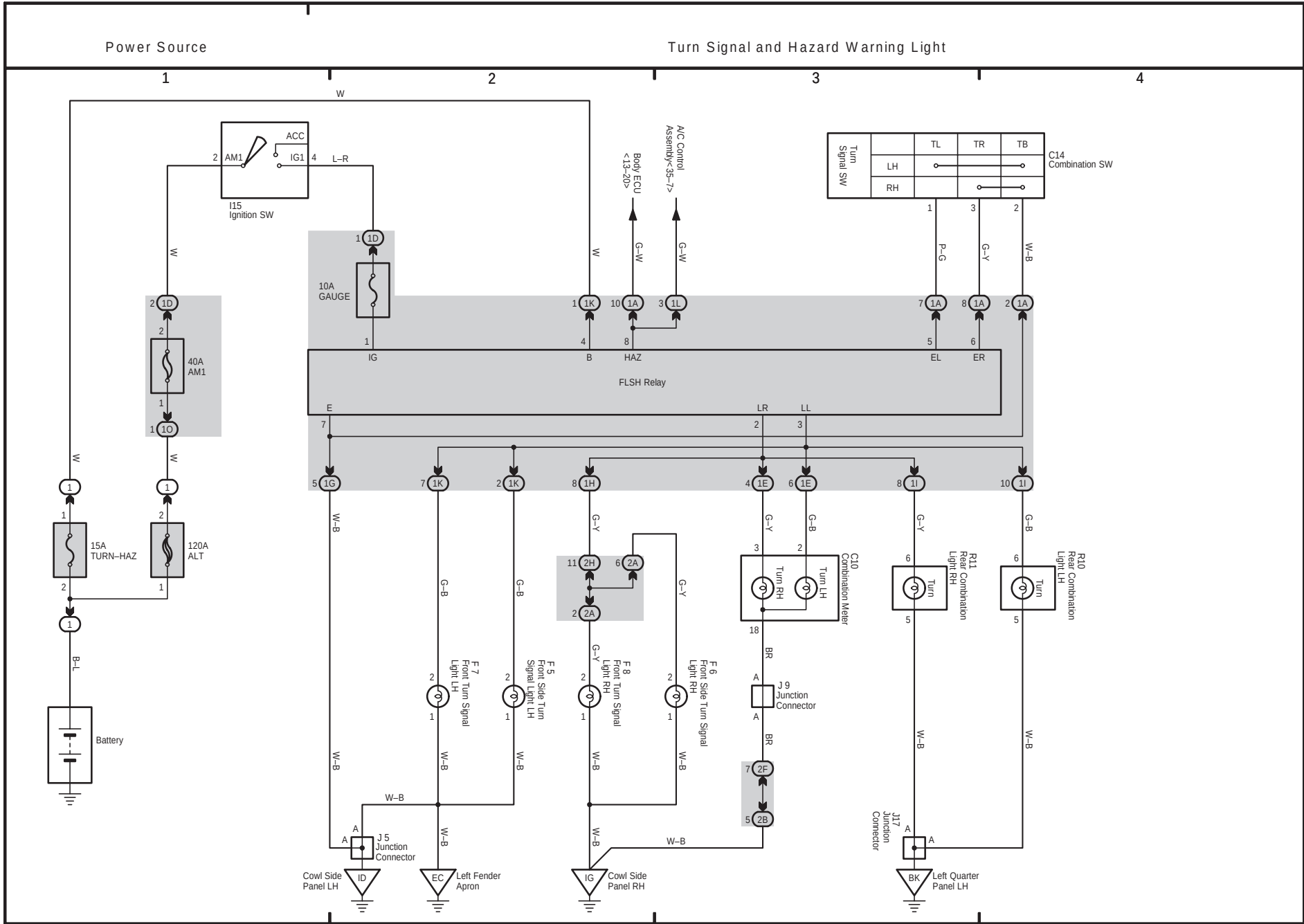


# 9 IS 300 / 200 (LHD)

LEXUS IS 300 / 200 (EWD452E)



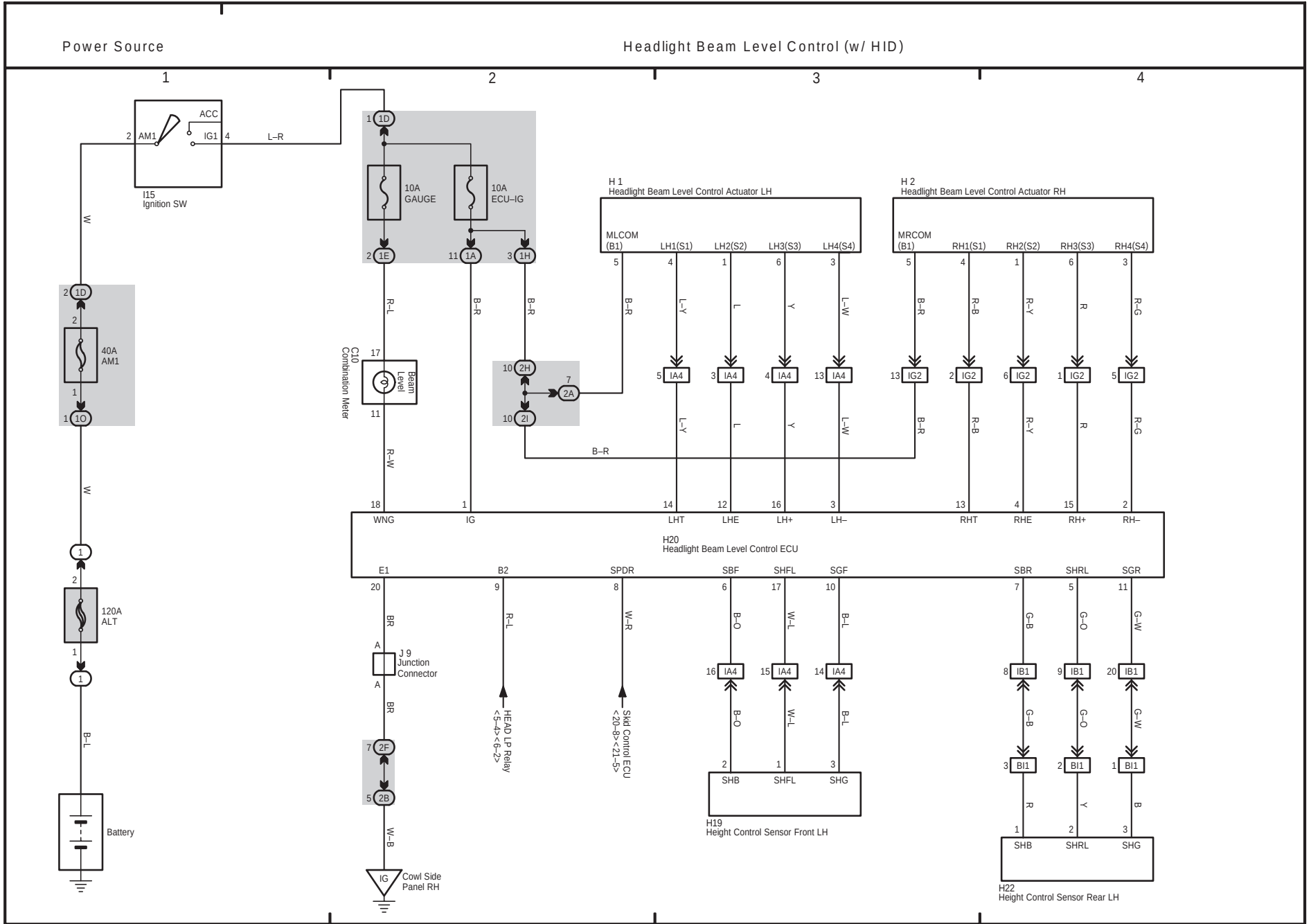
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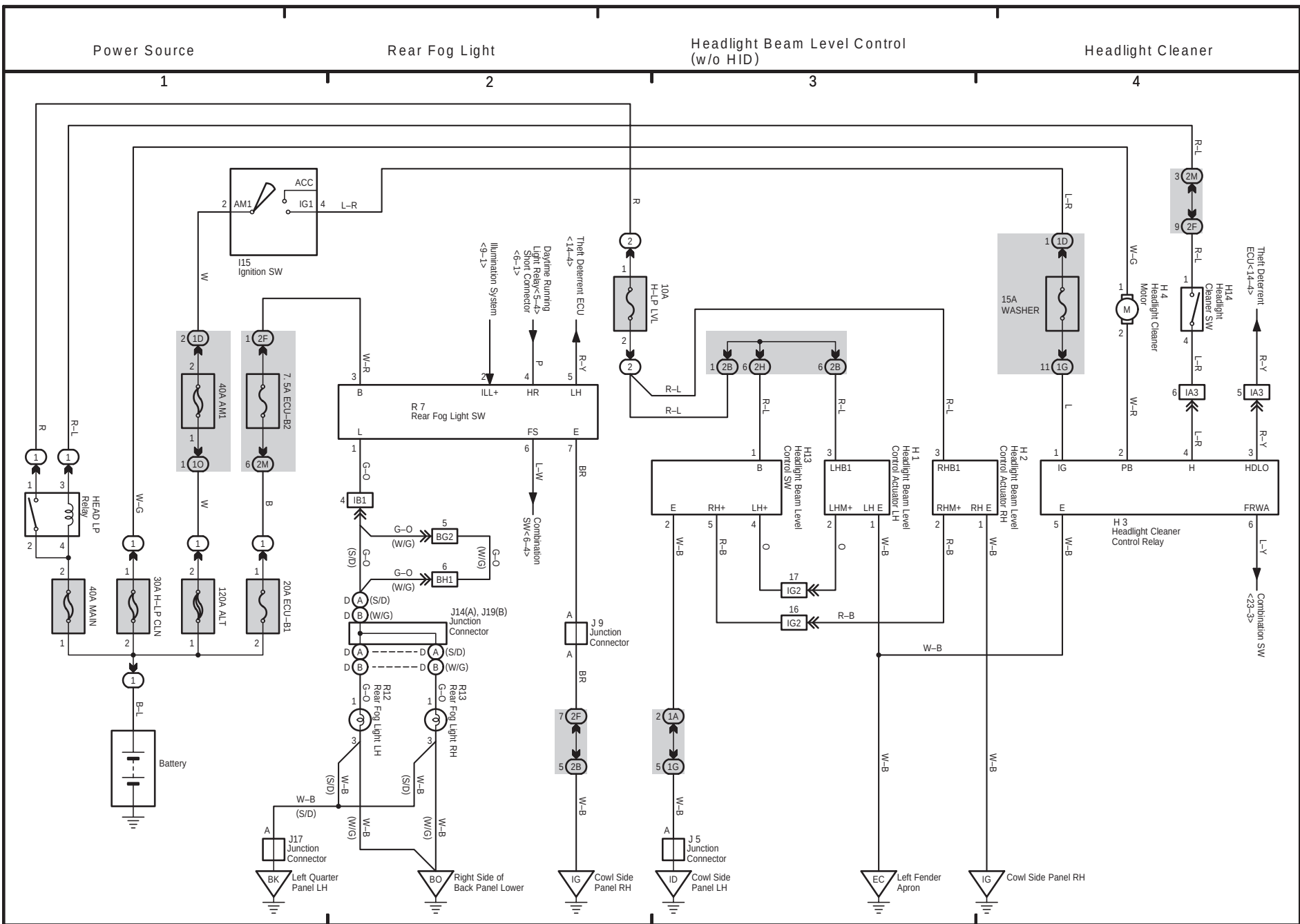


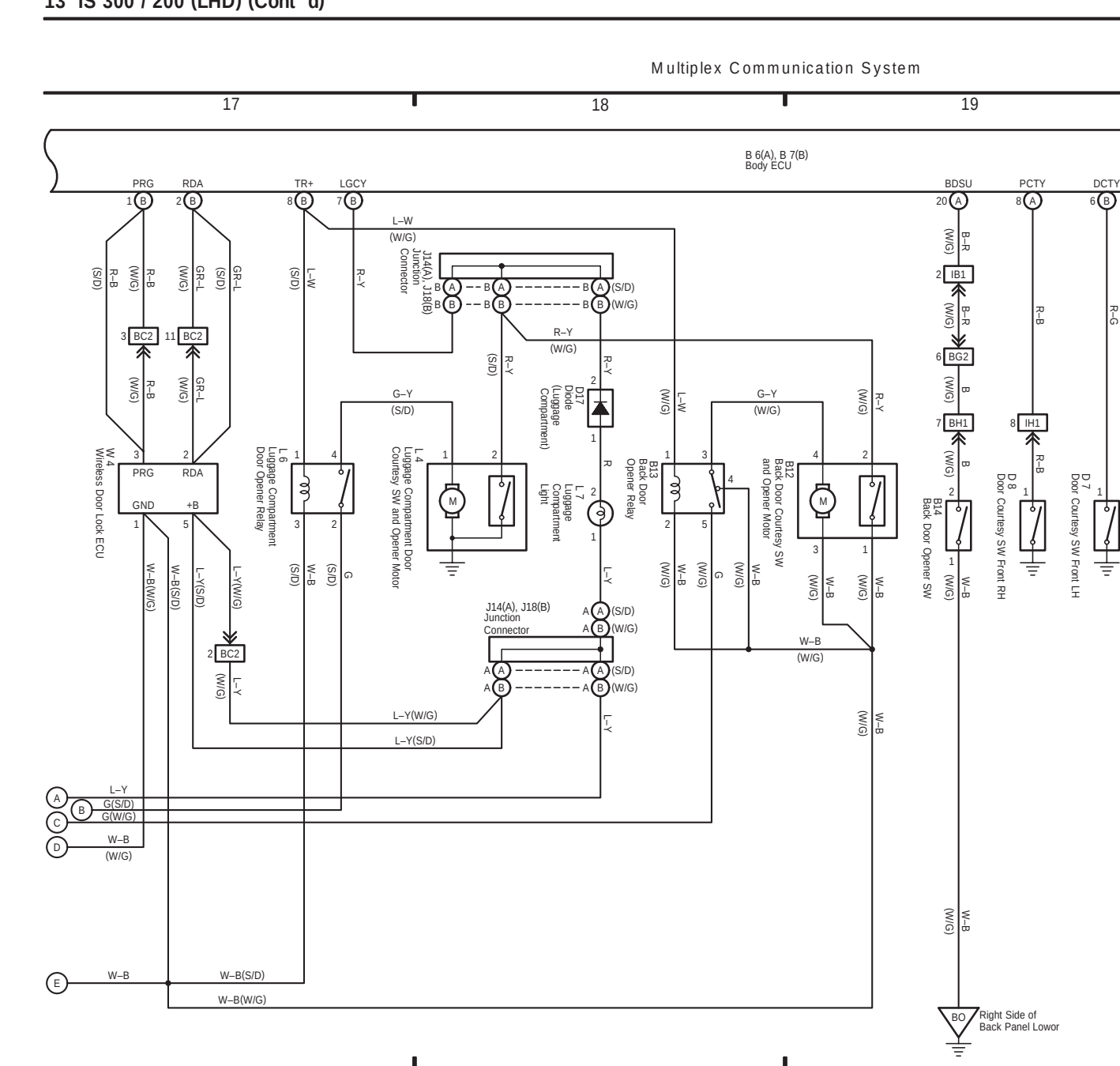
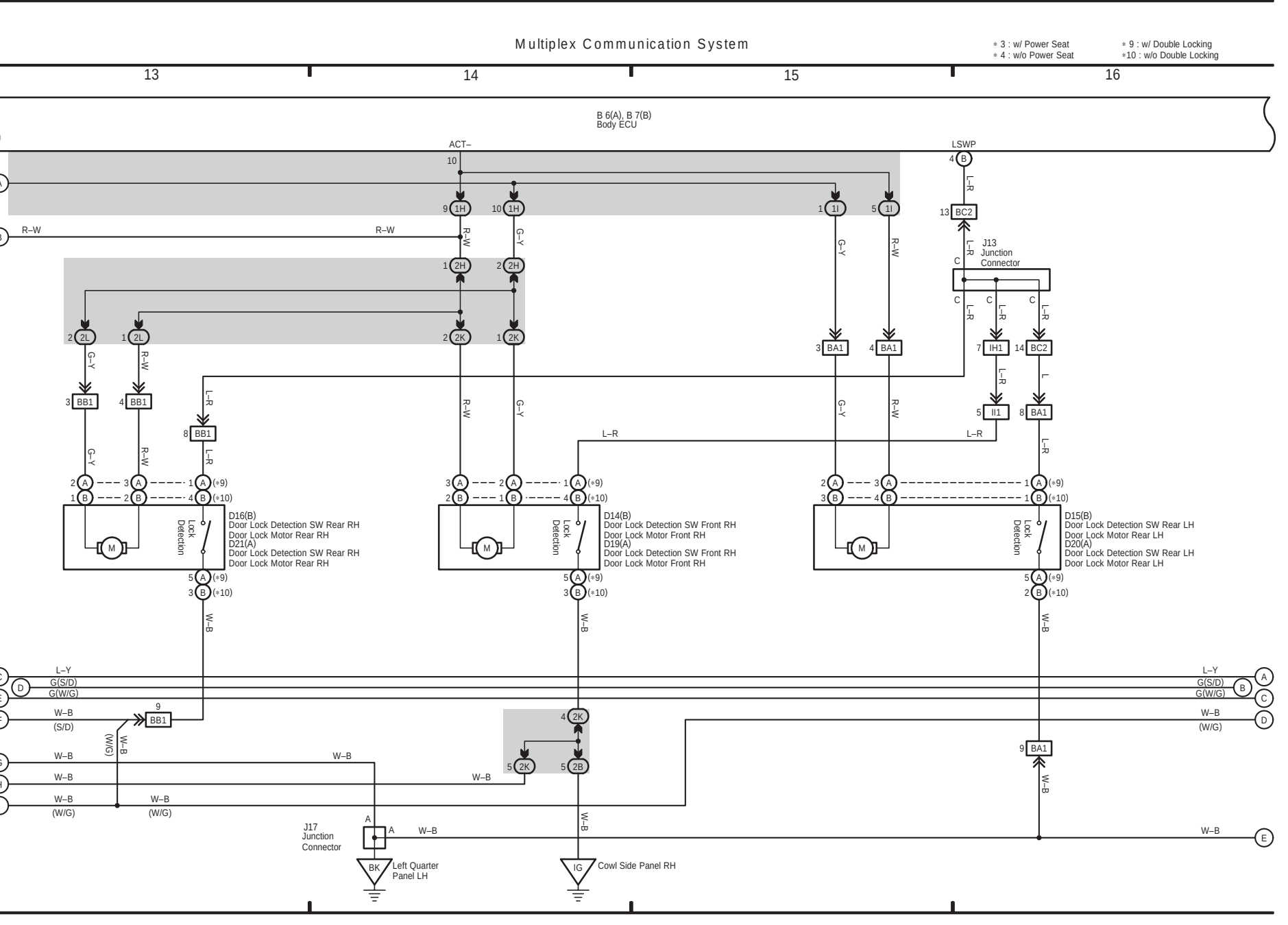
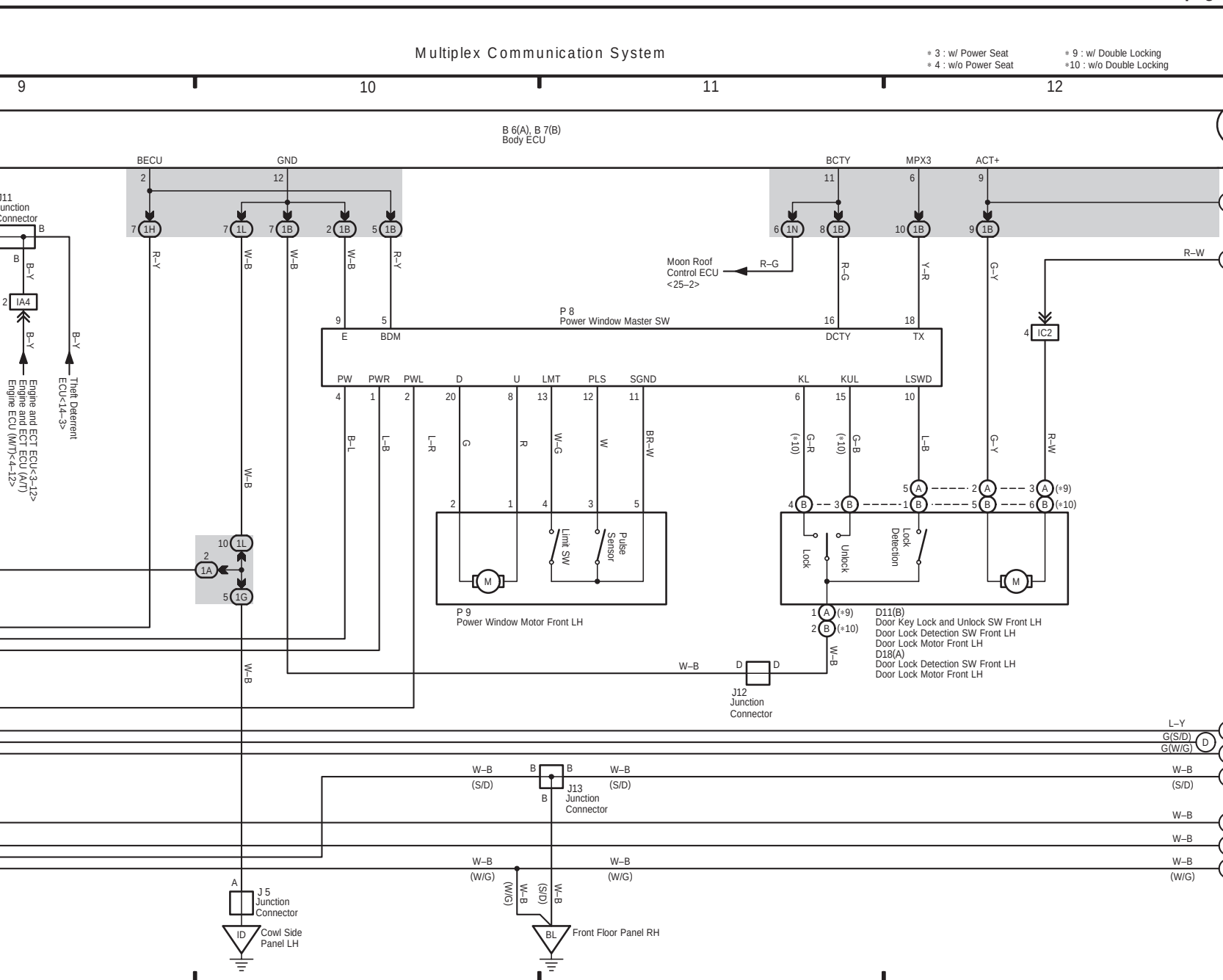
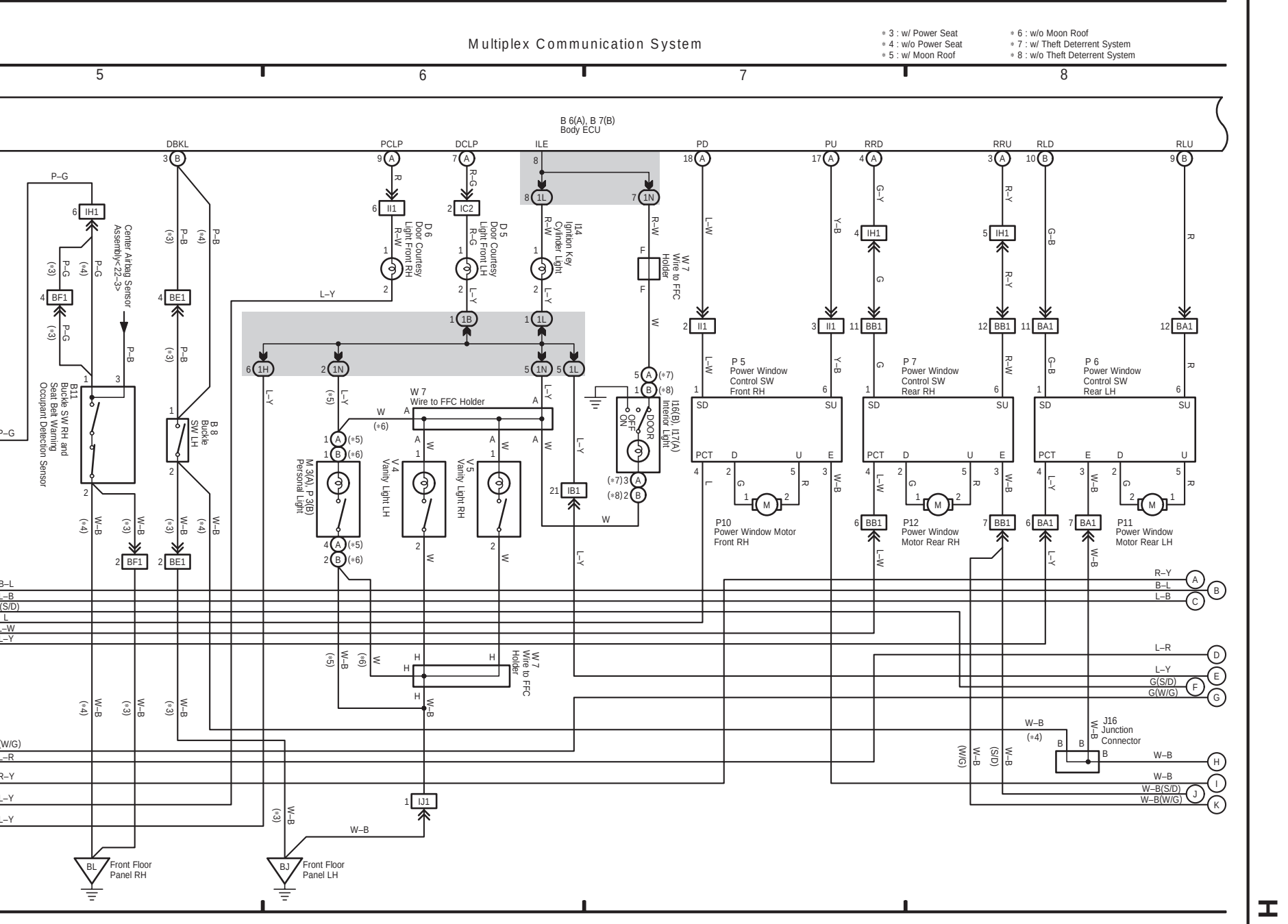
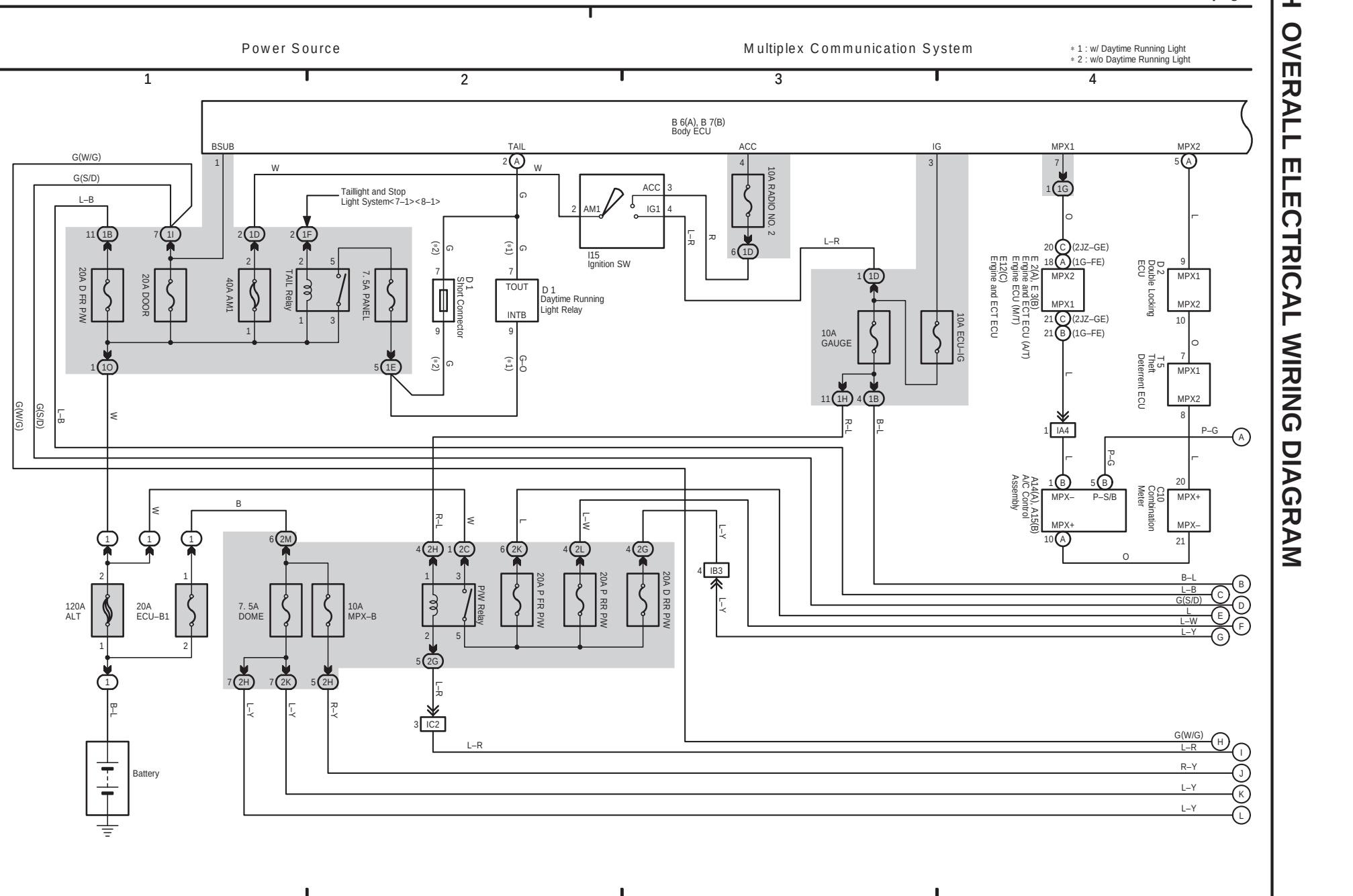
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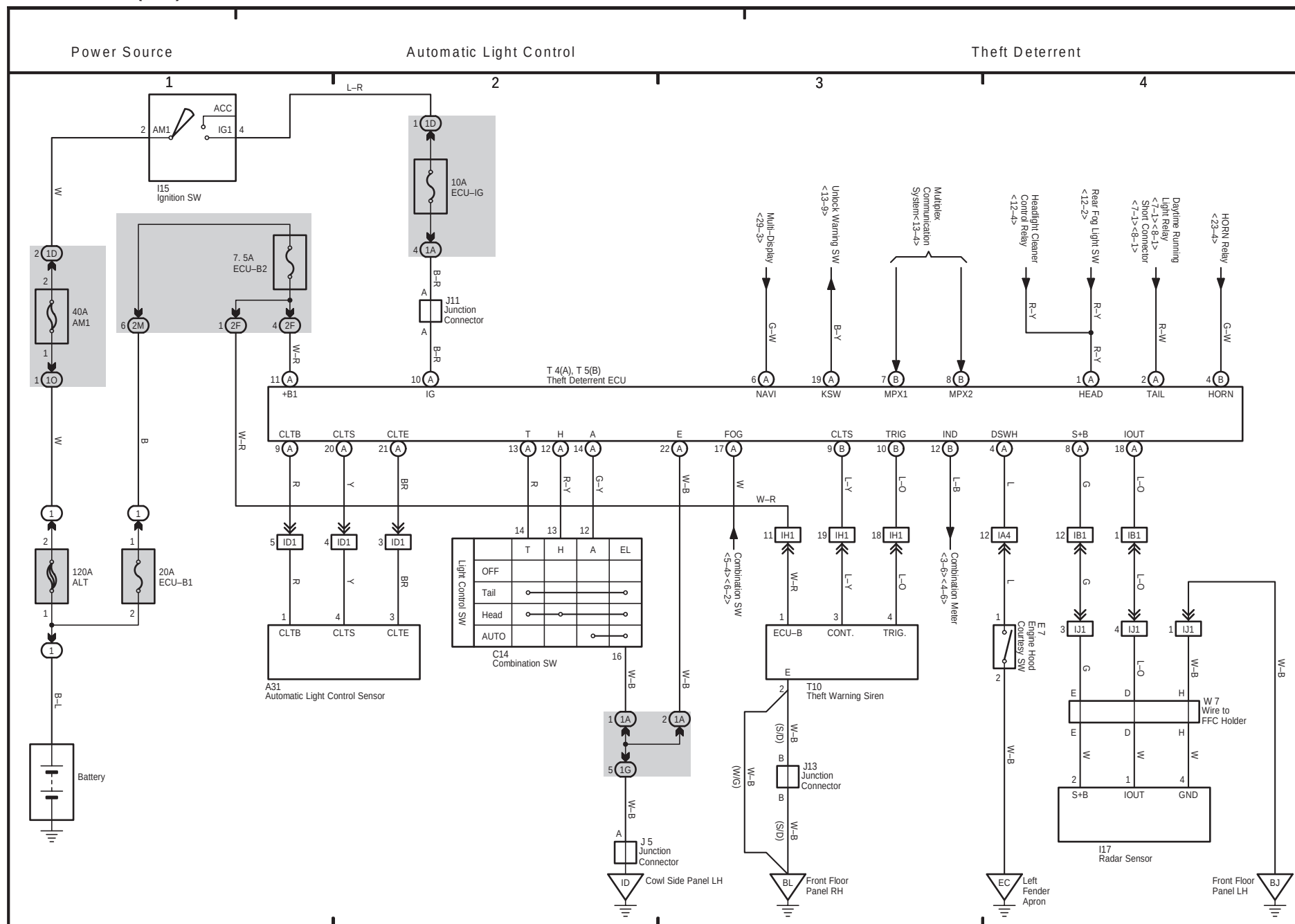
LEXUS IS 300 / 200 (EWD452E)

111

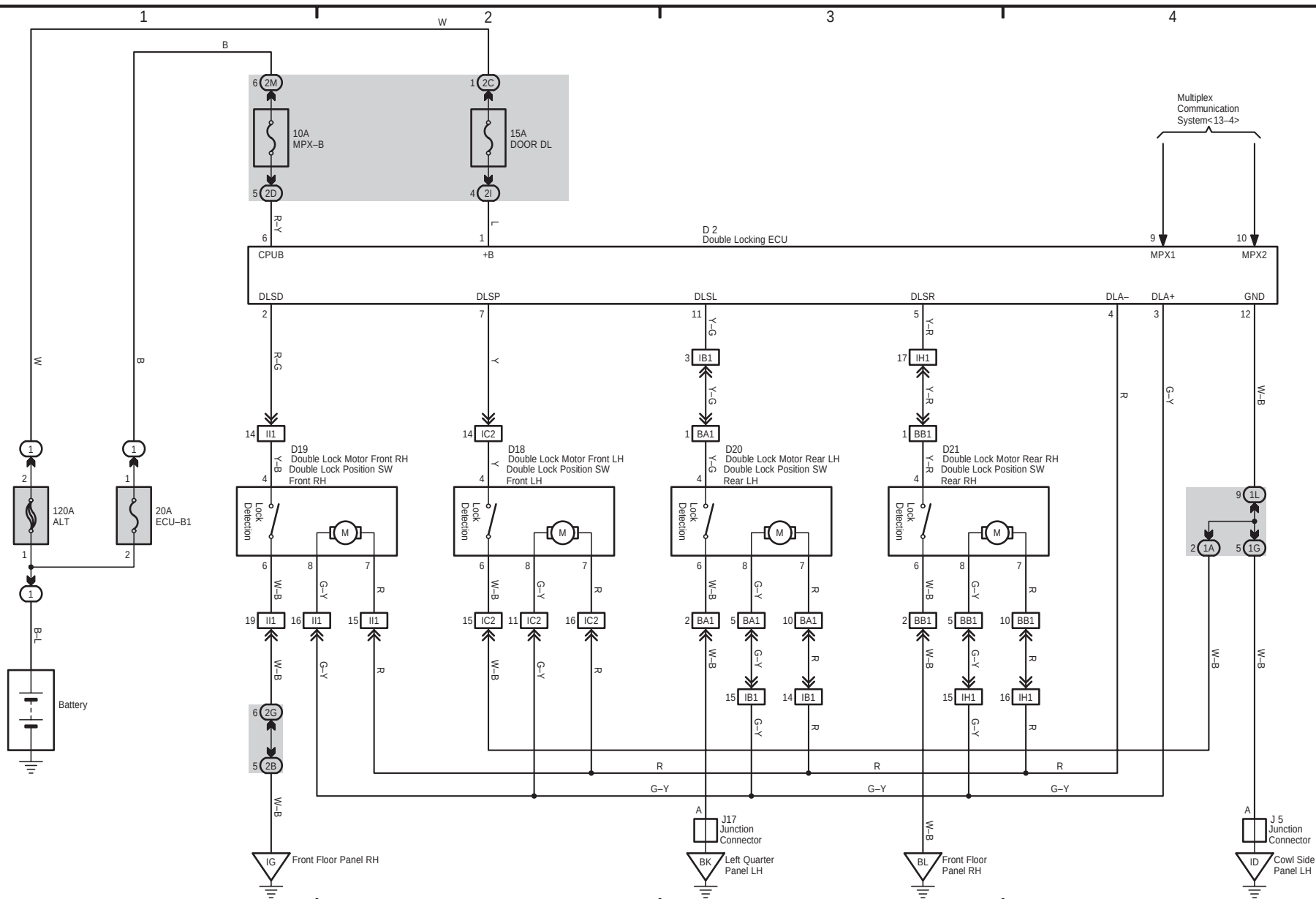


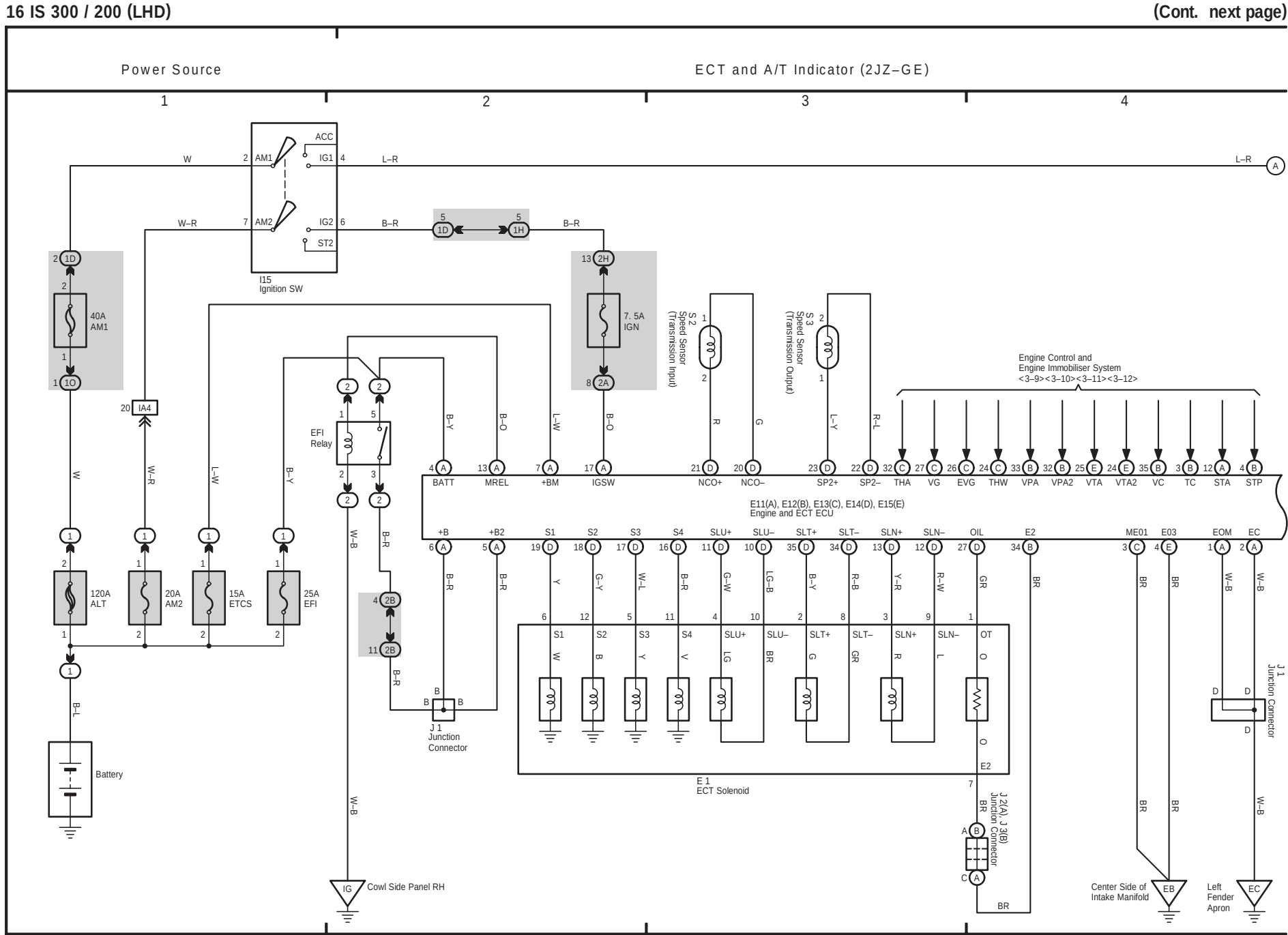






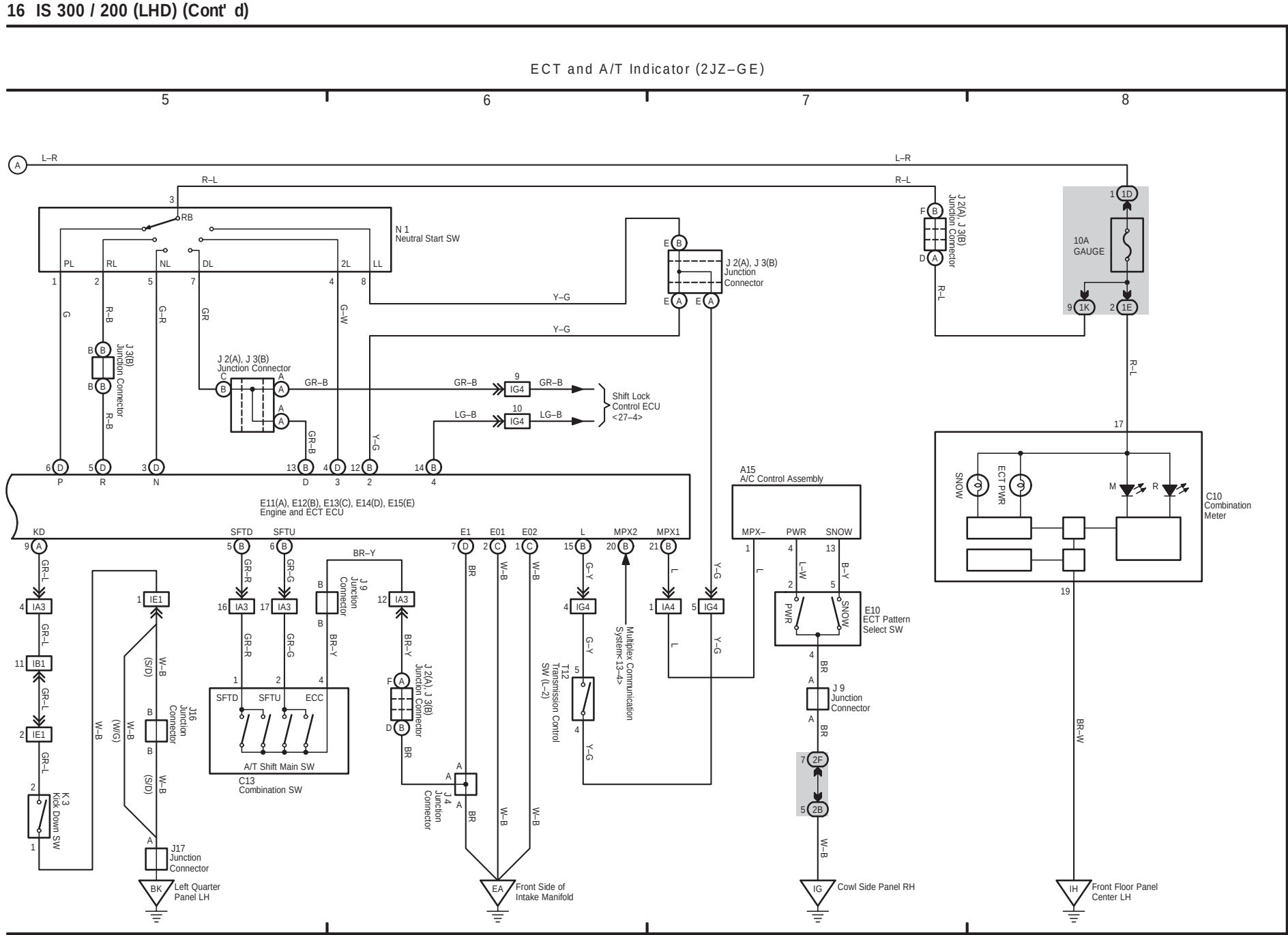
## Double Locking





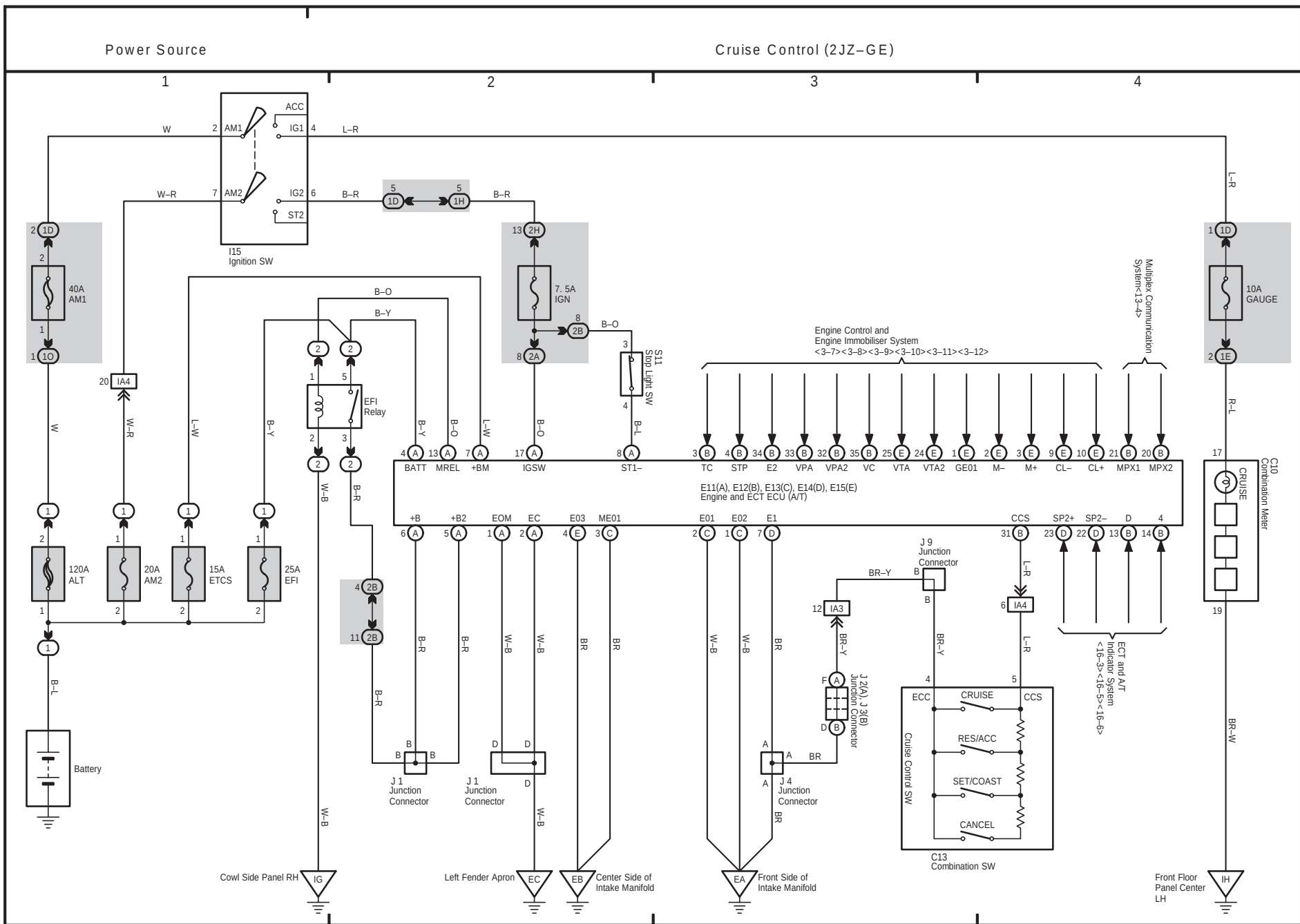
H OVERALL ELECTRICAL WIRING DIAGRAM

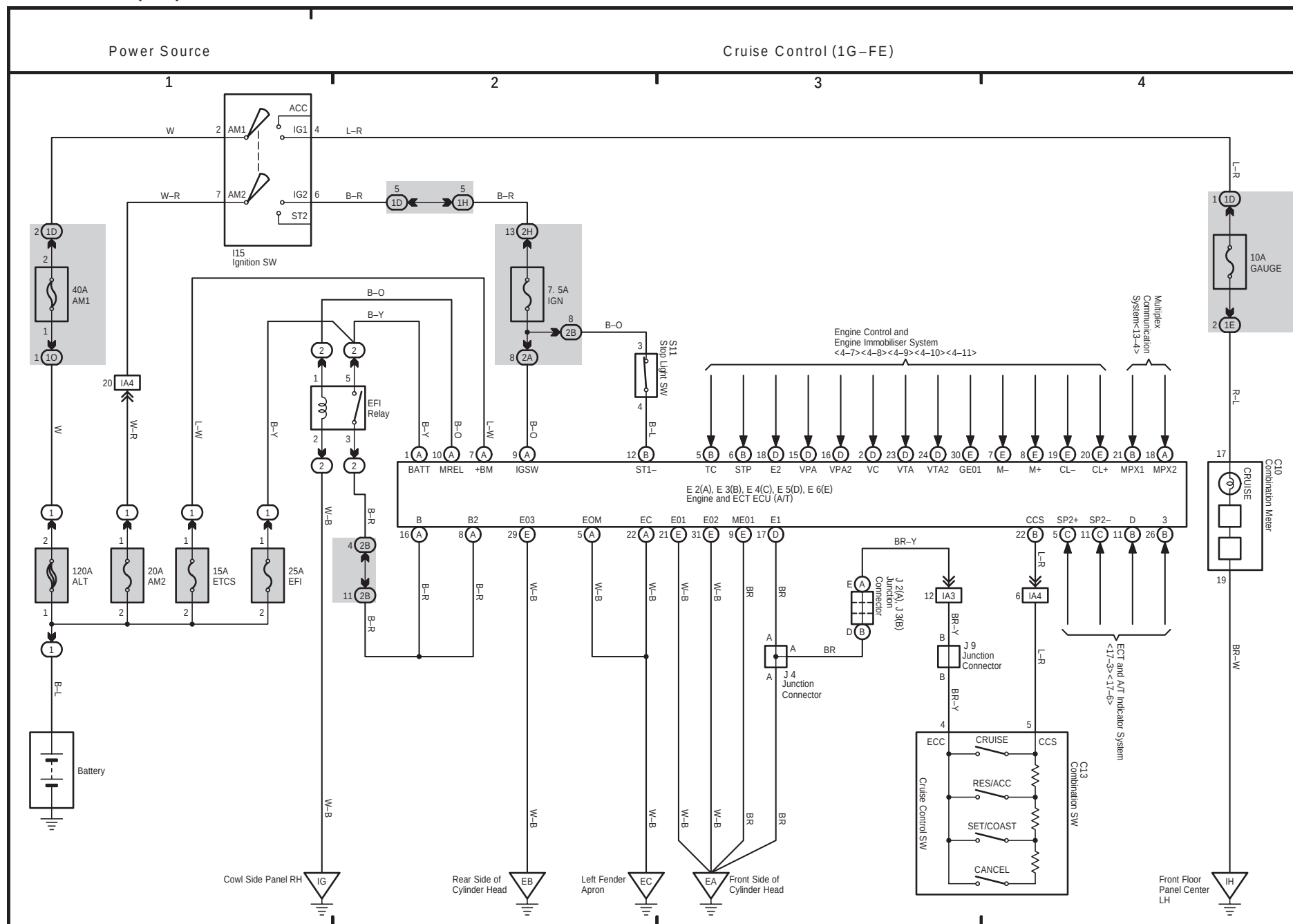
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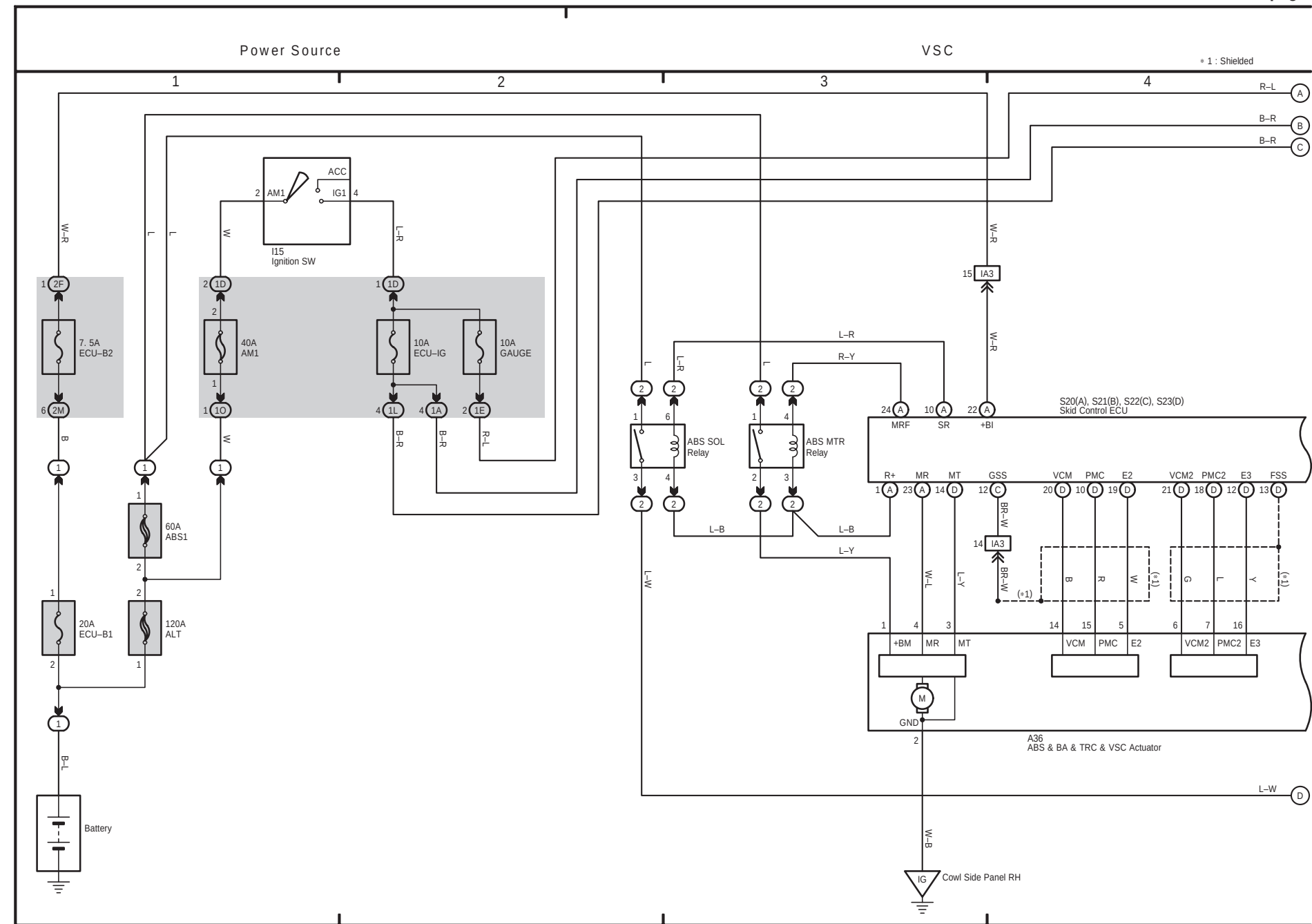




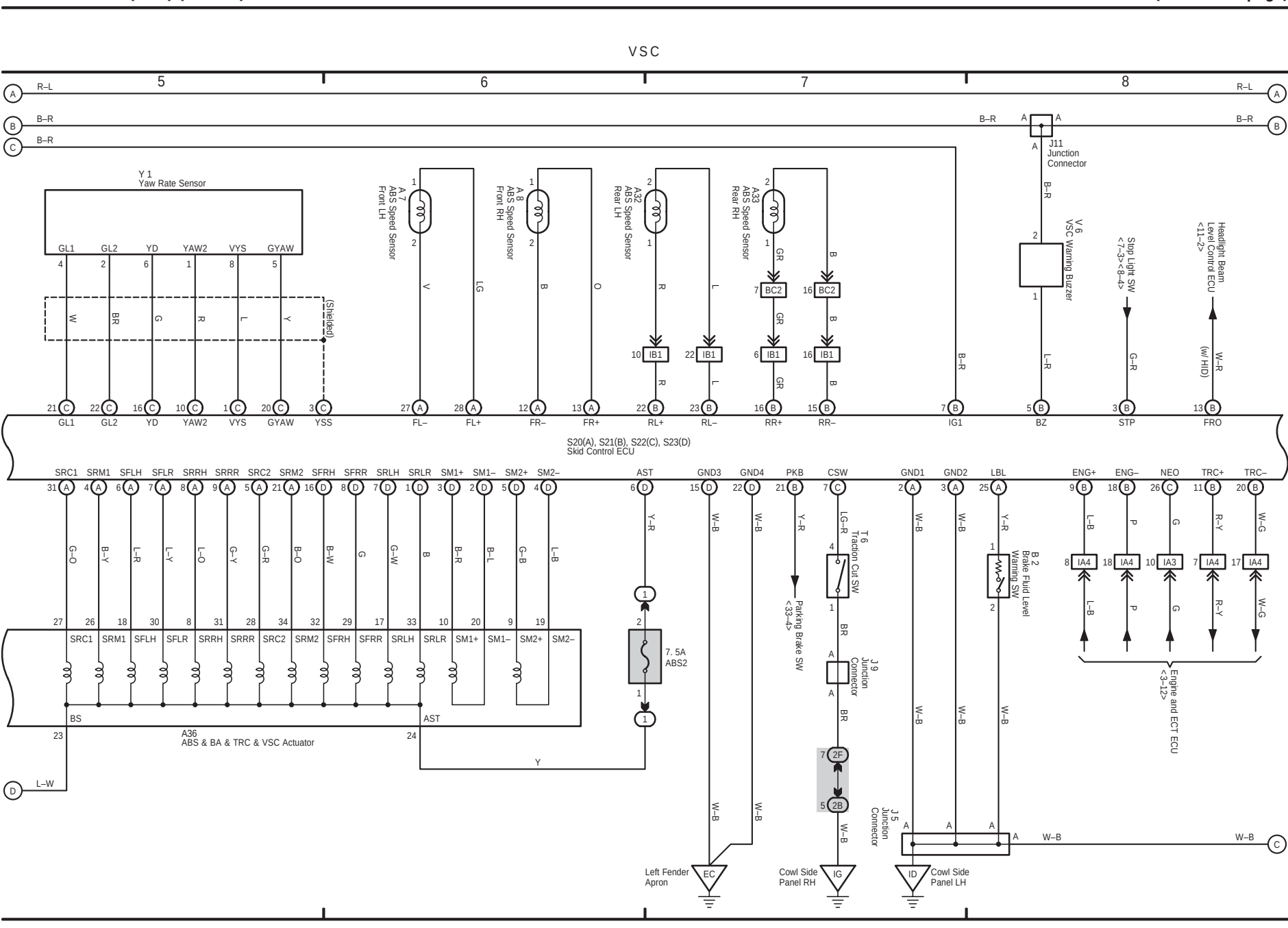
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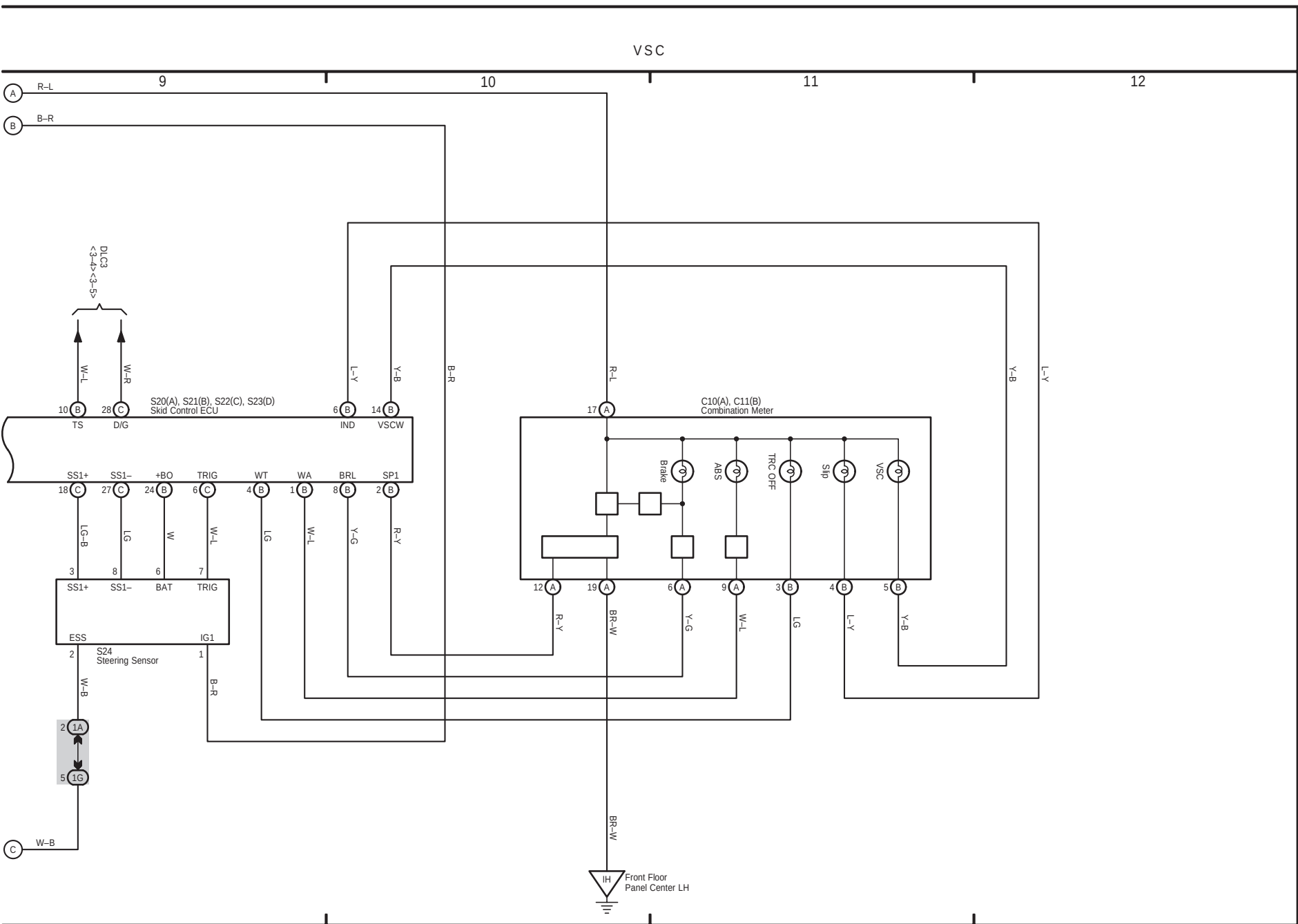




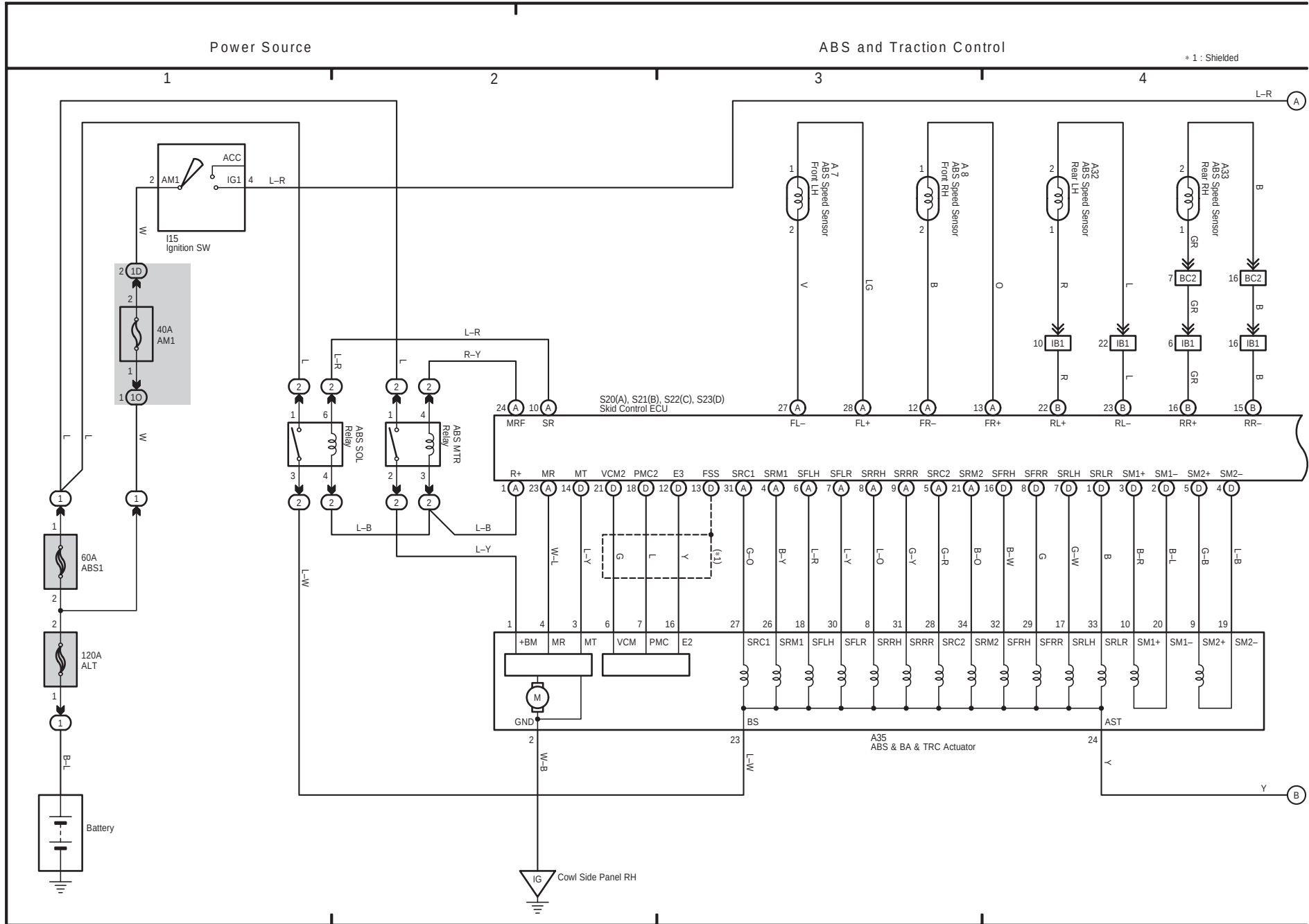
## OVERALL ELECTRICAL WIRING DIAGRAM



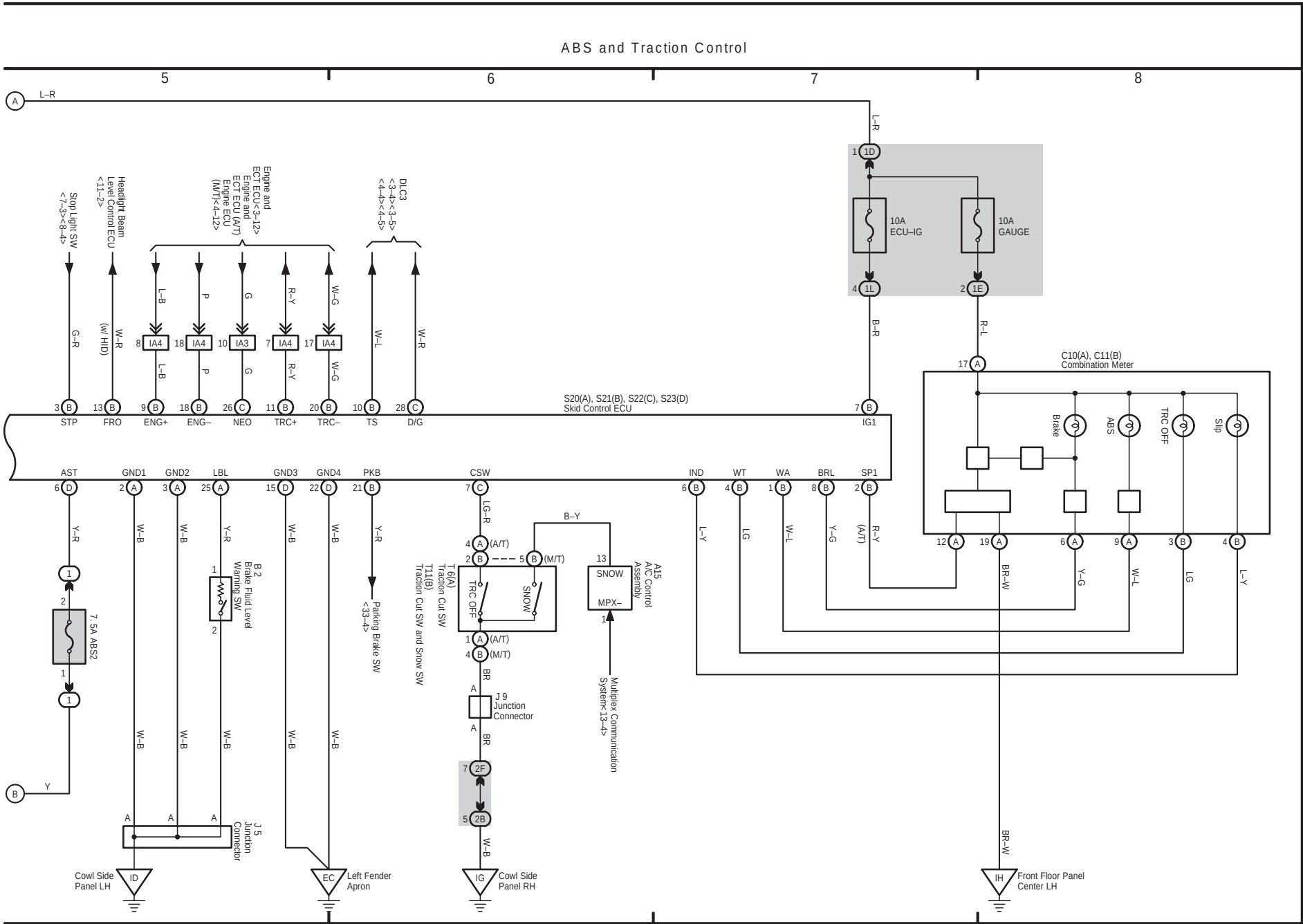
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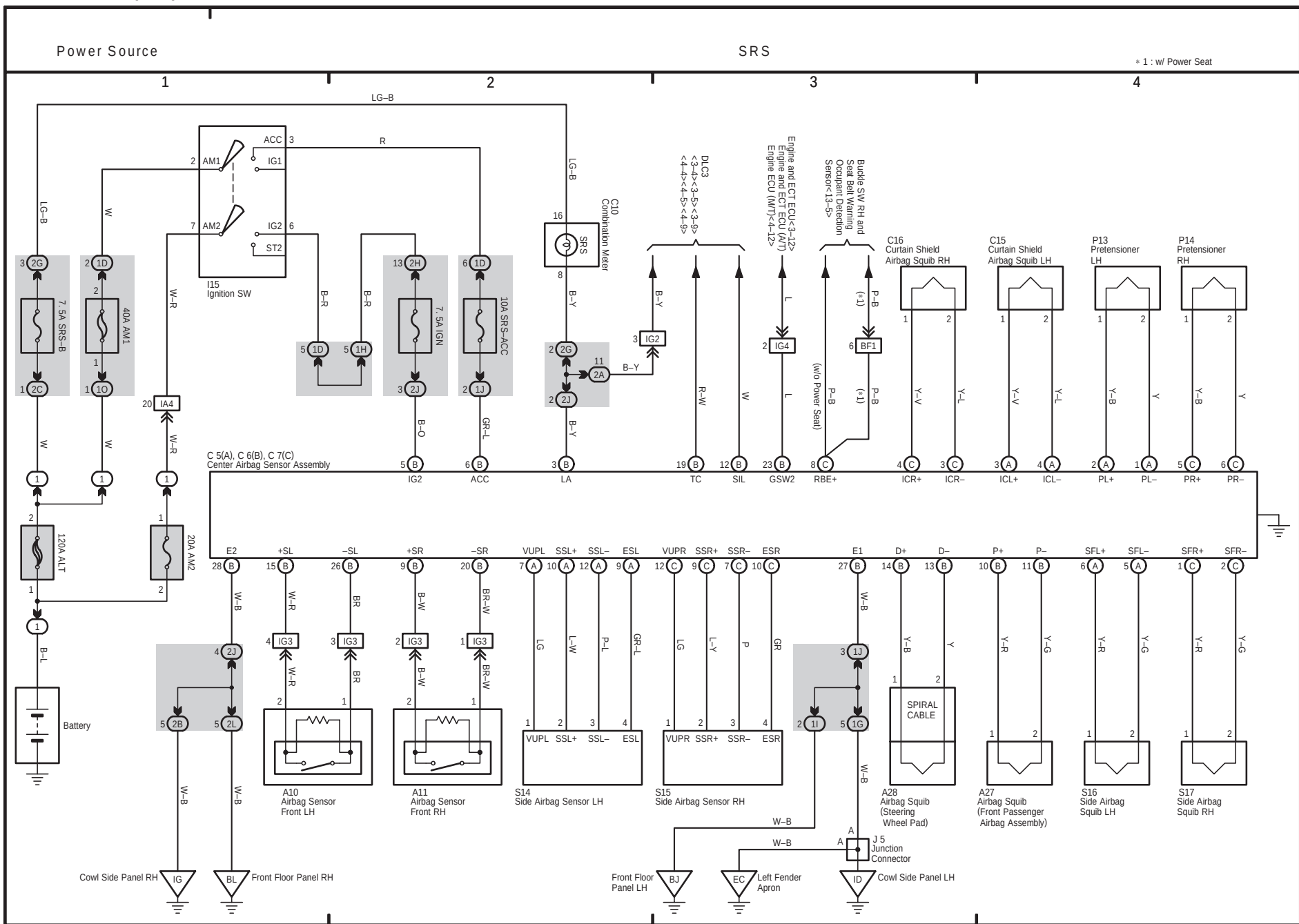


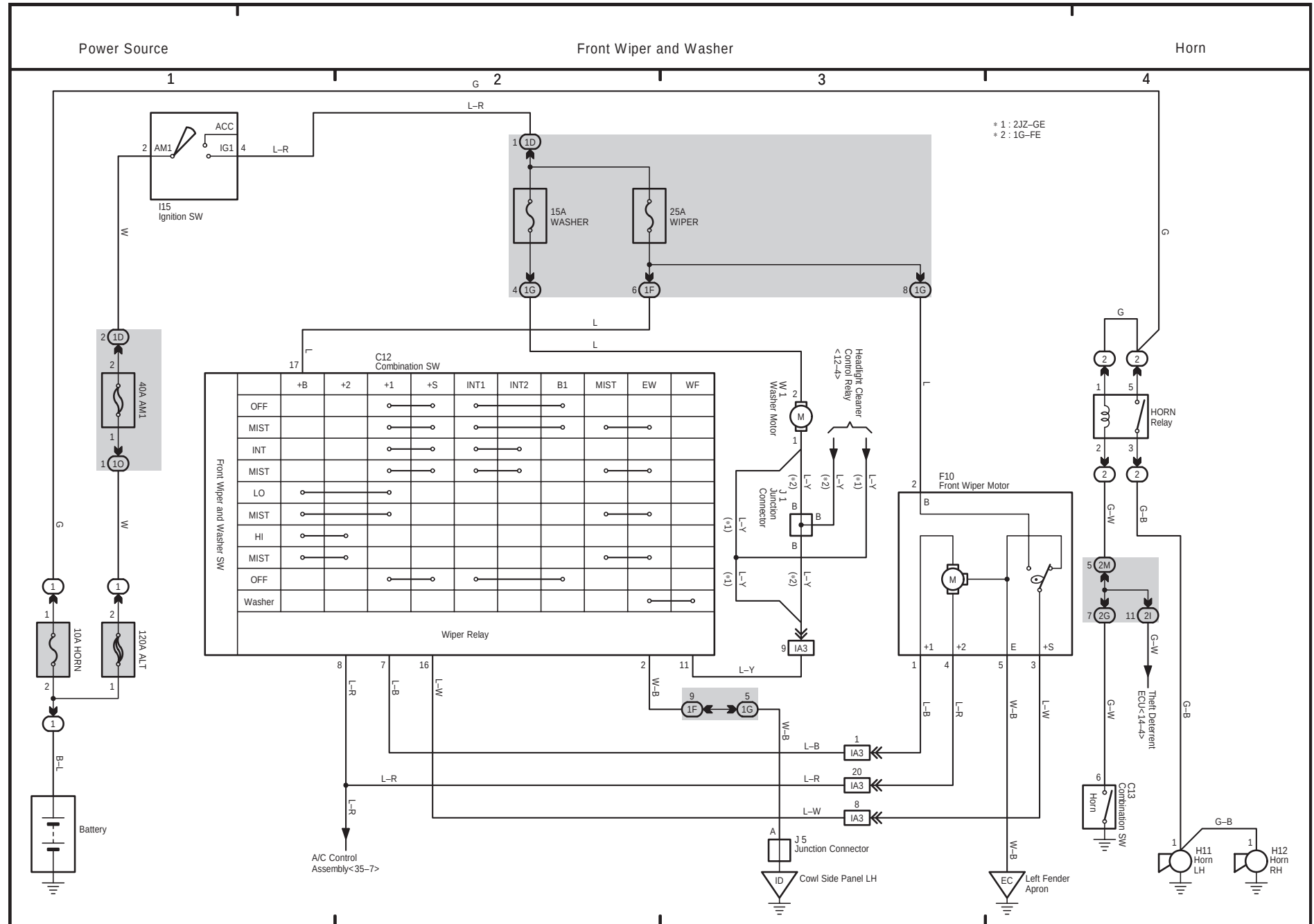
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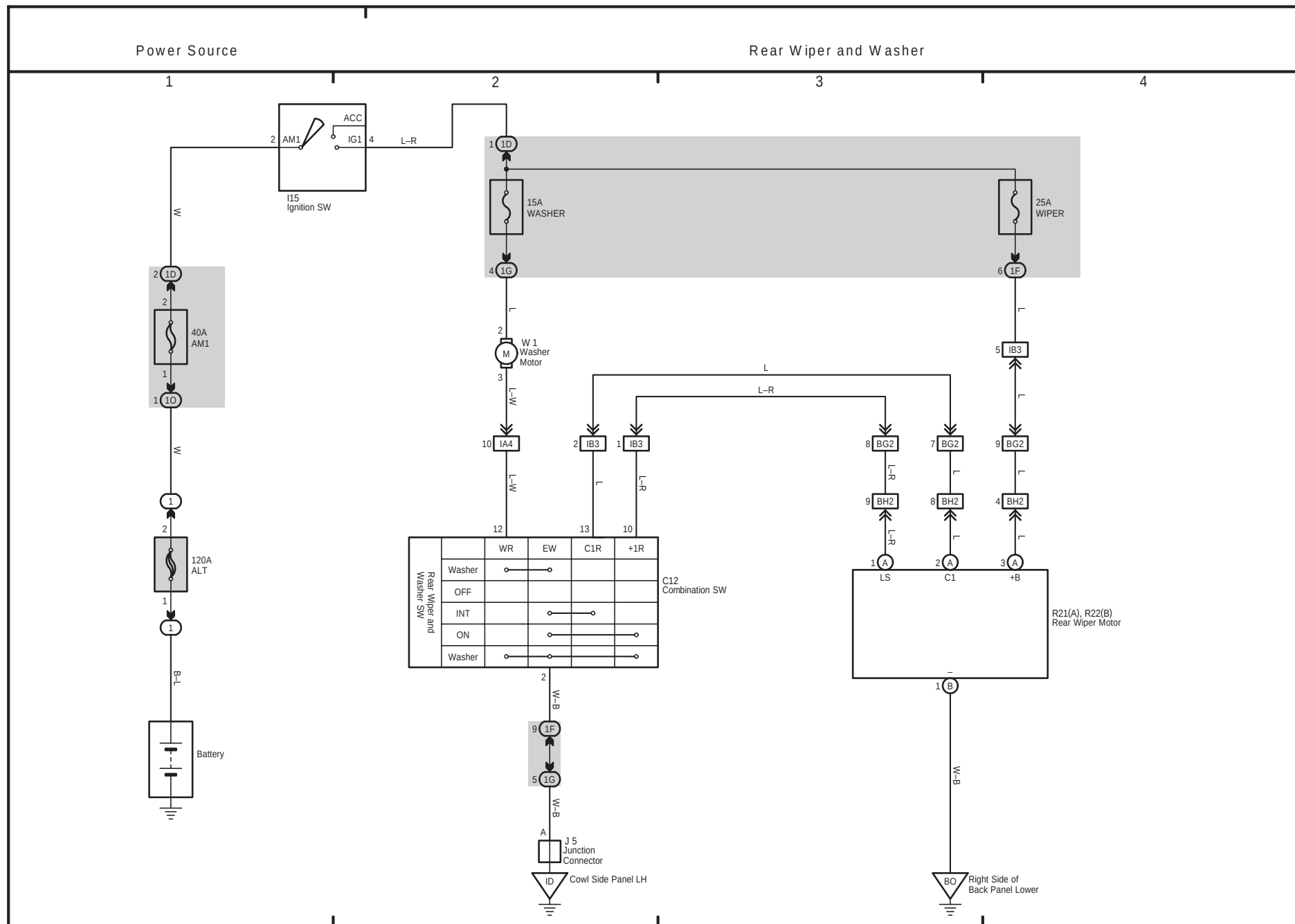


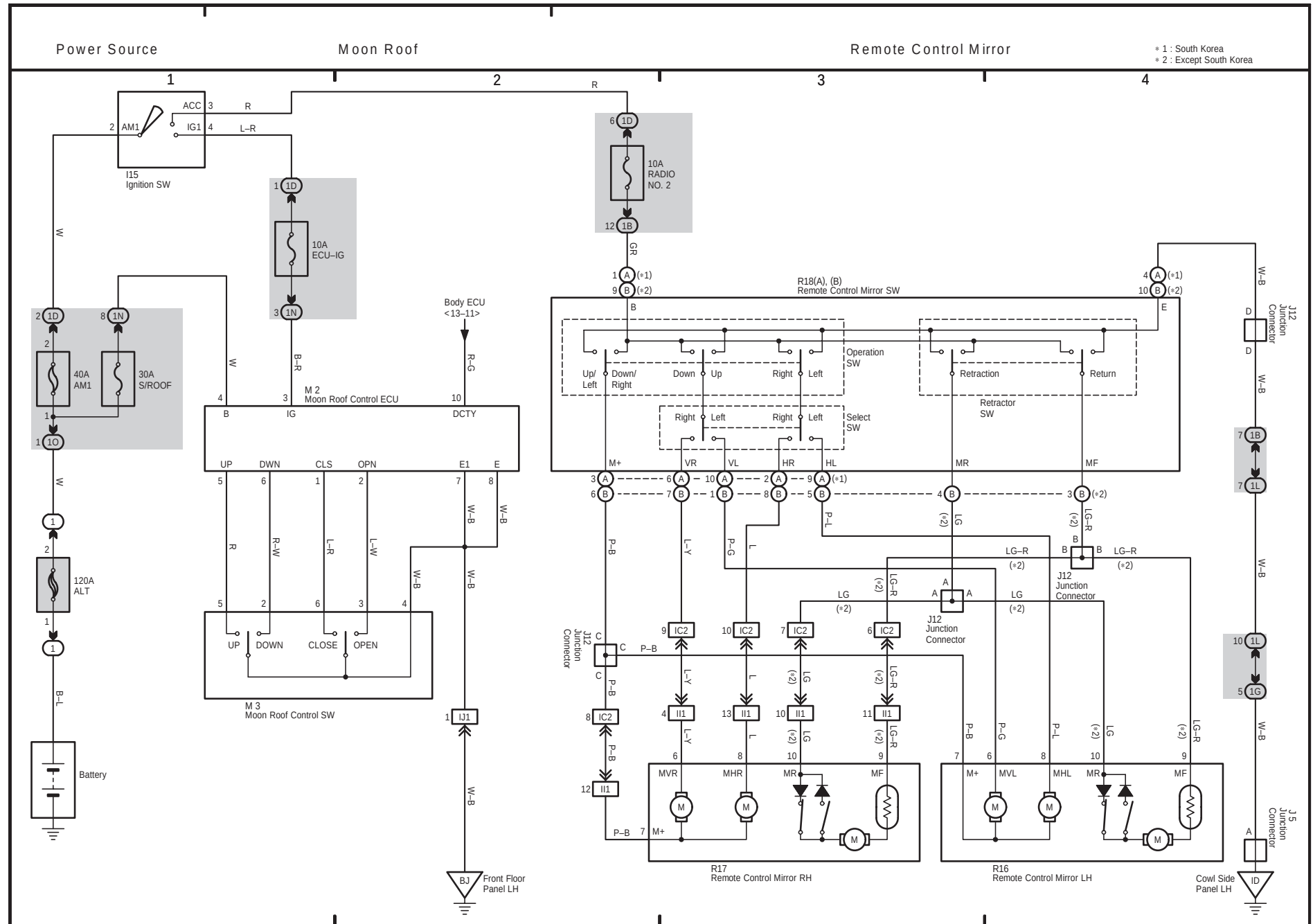
## OVERALL ELECTRICAL WIRING DIAGRAM



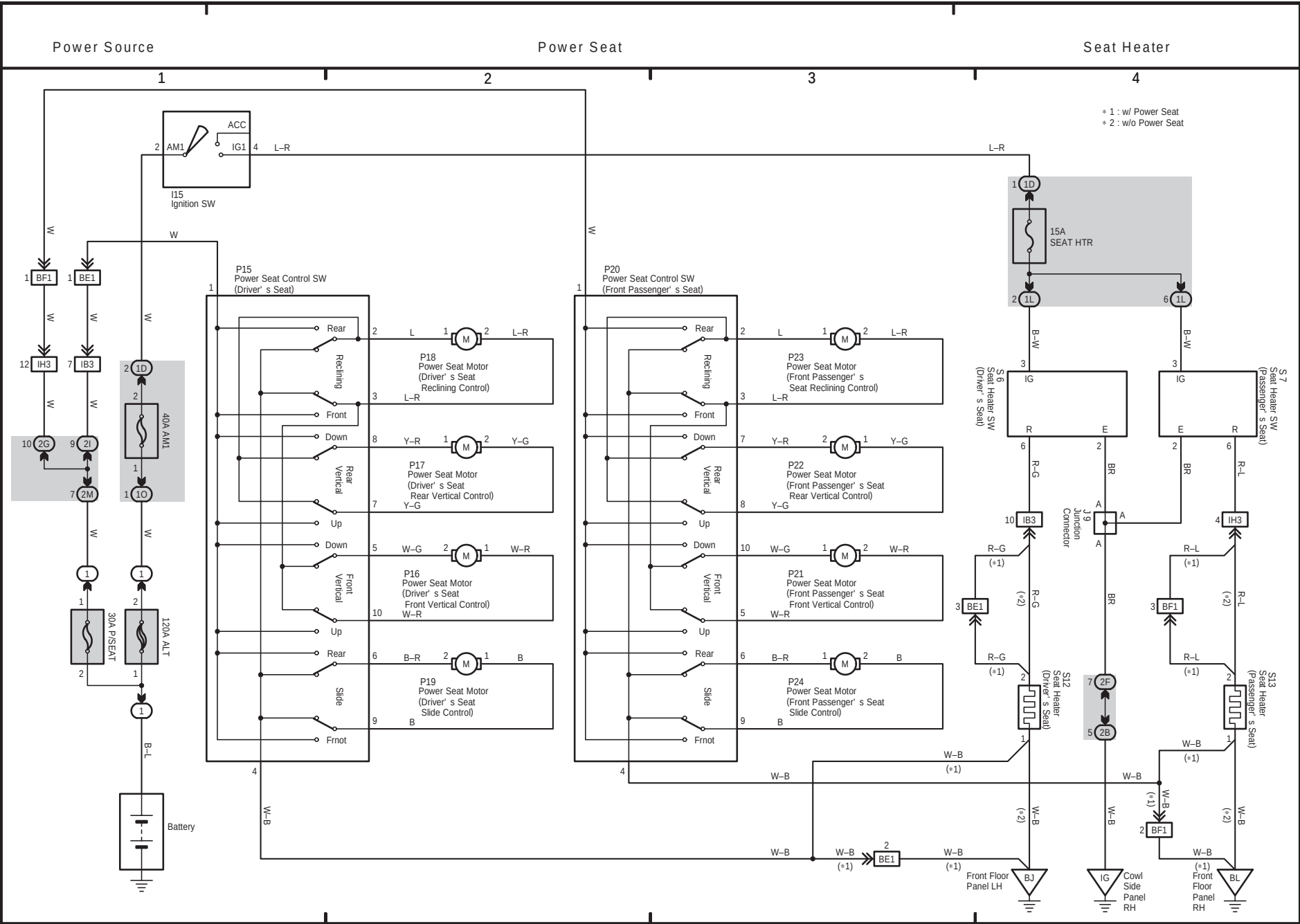




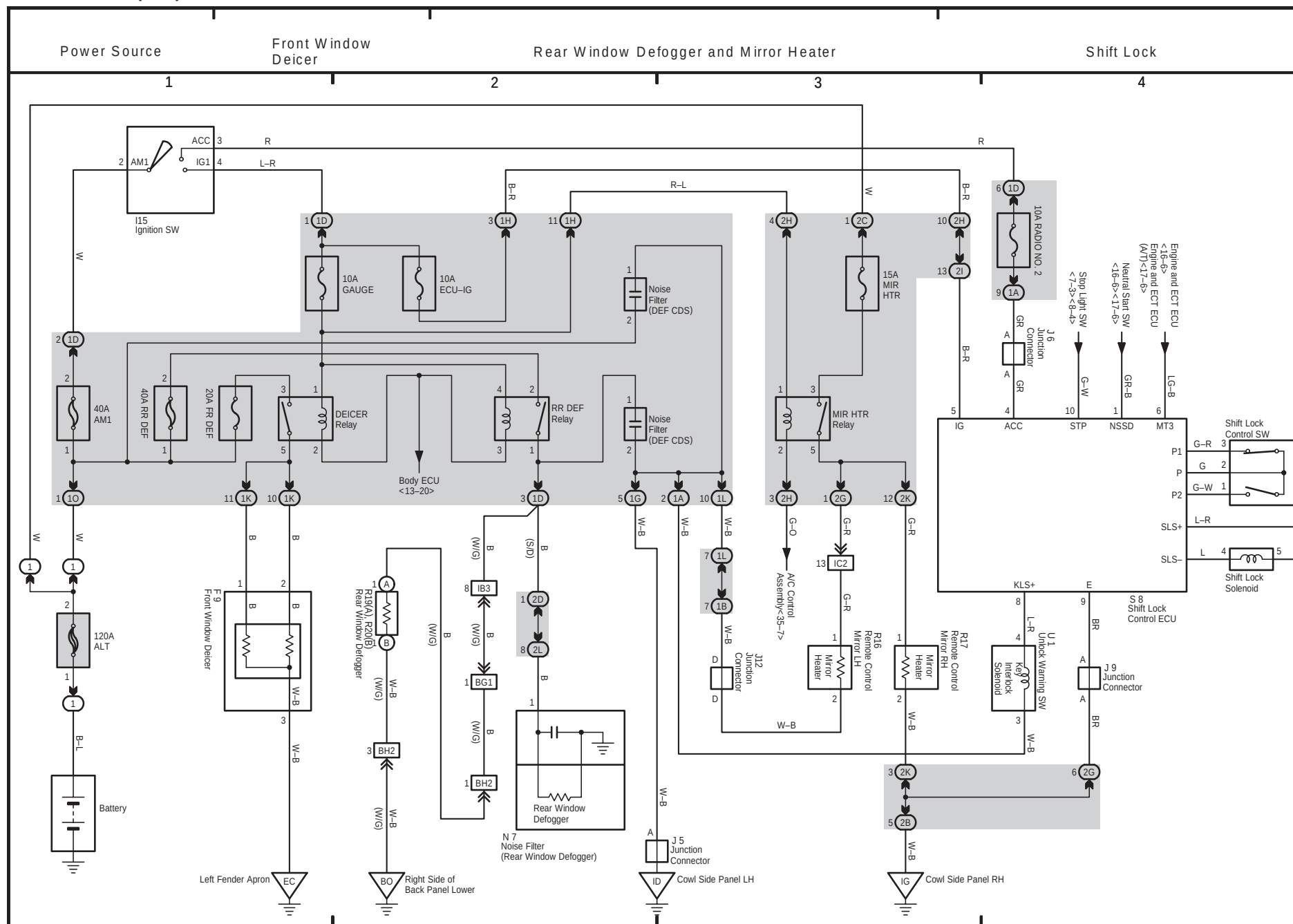


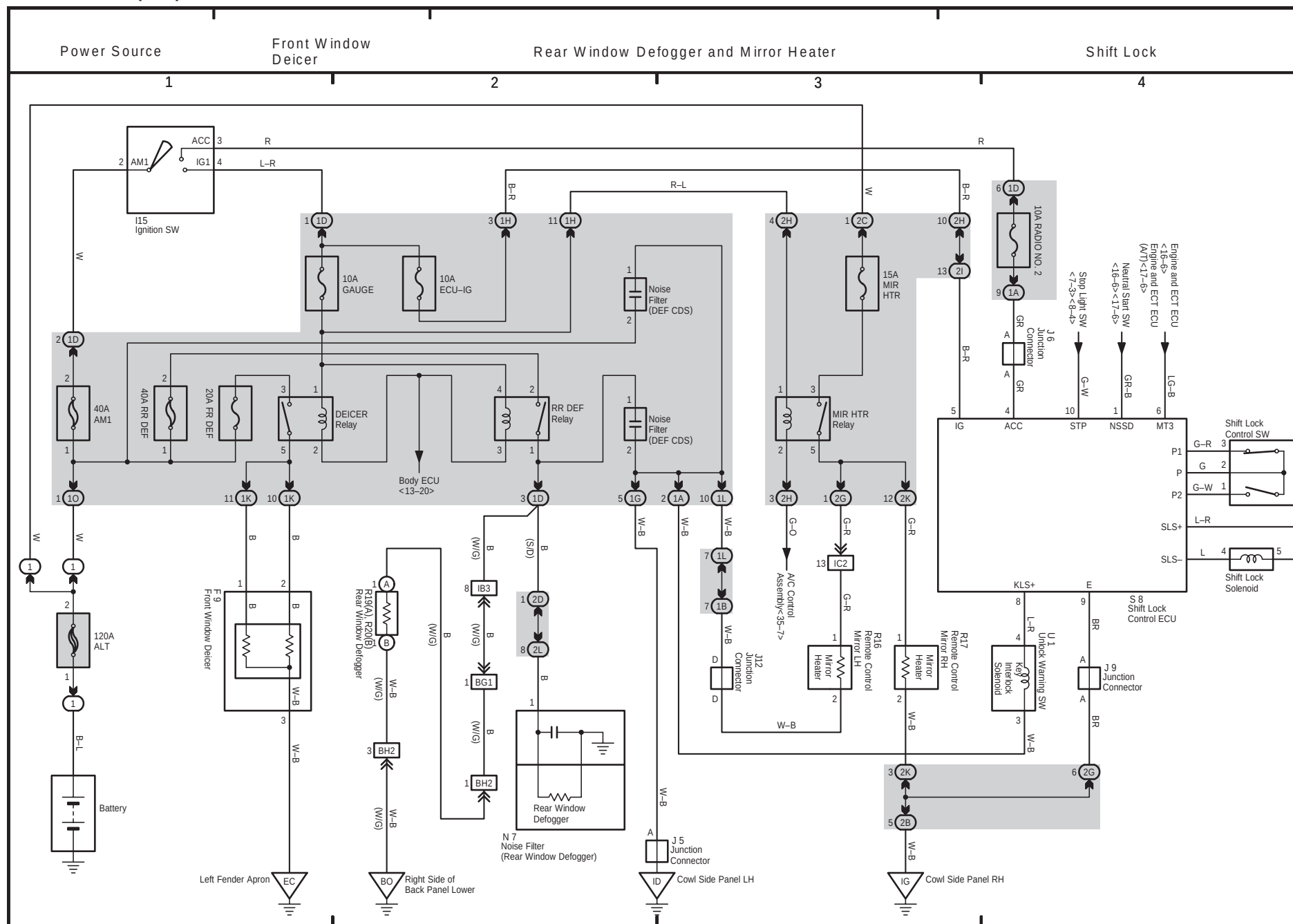


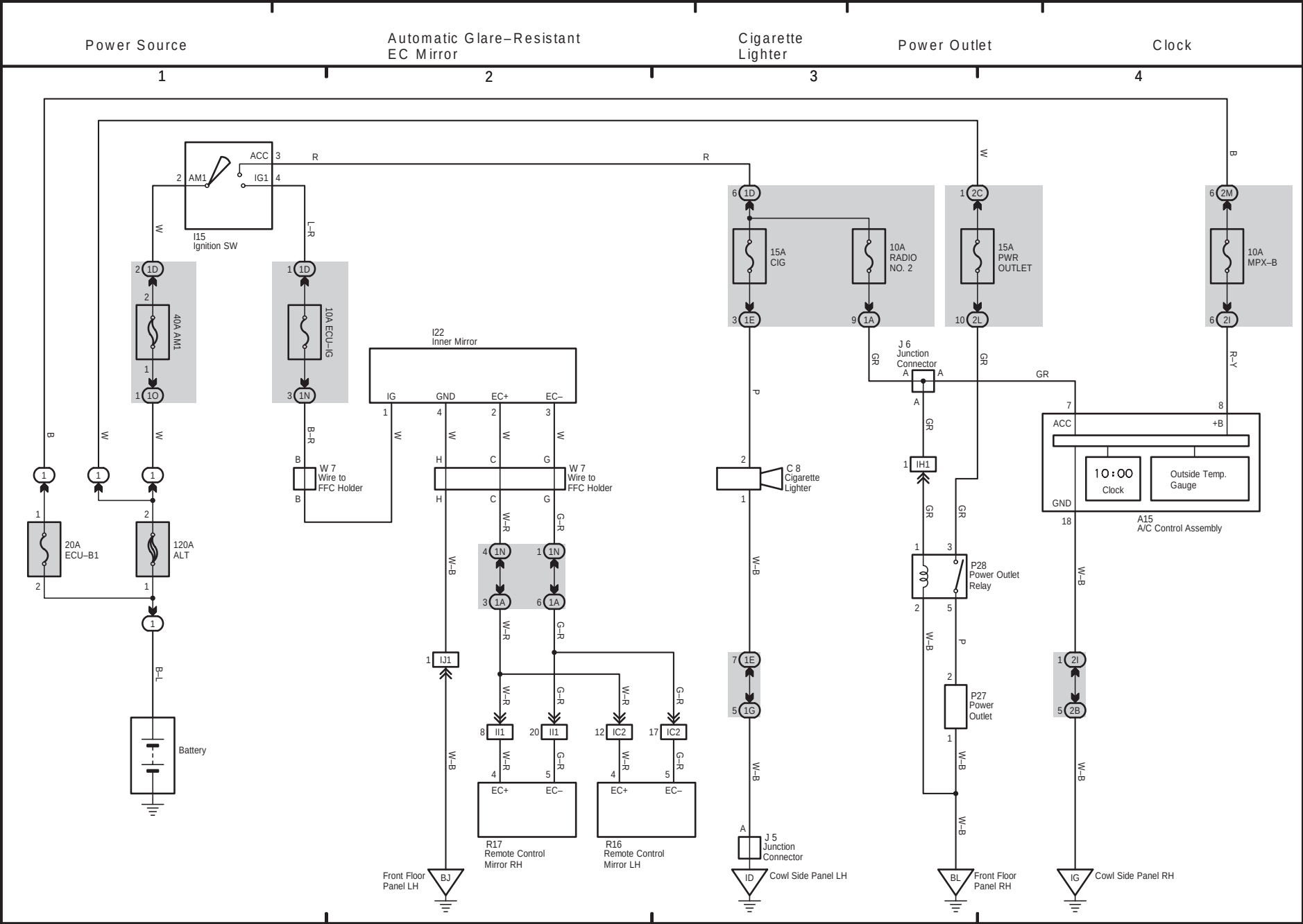
26 IS 300 / 200 (LHD)

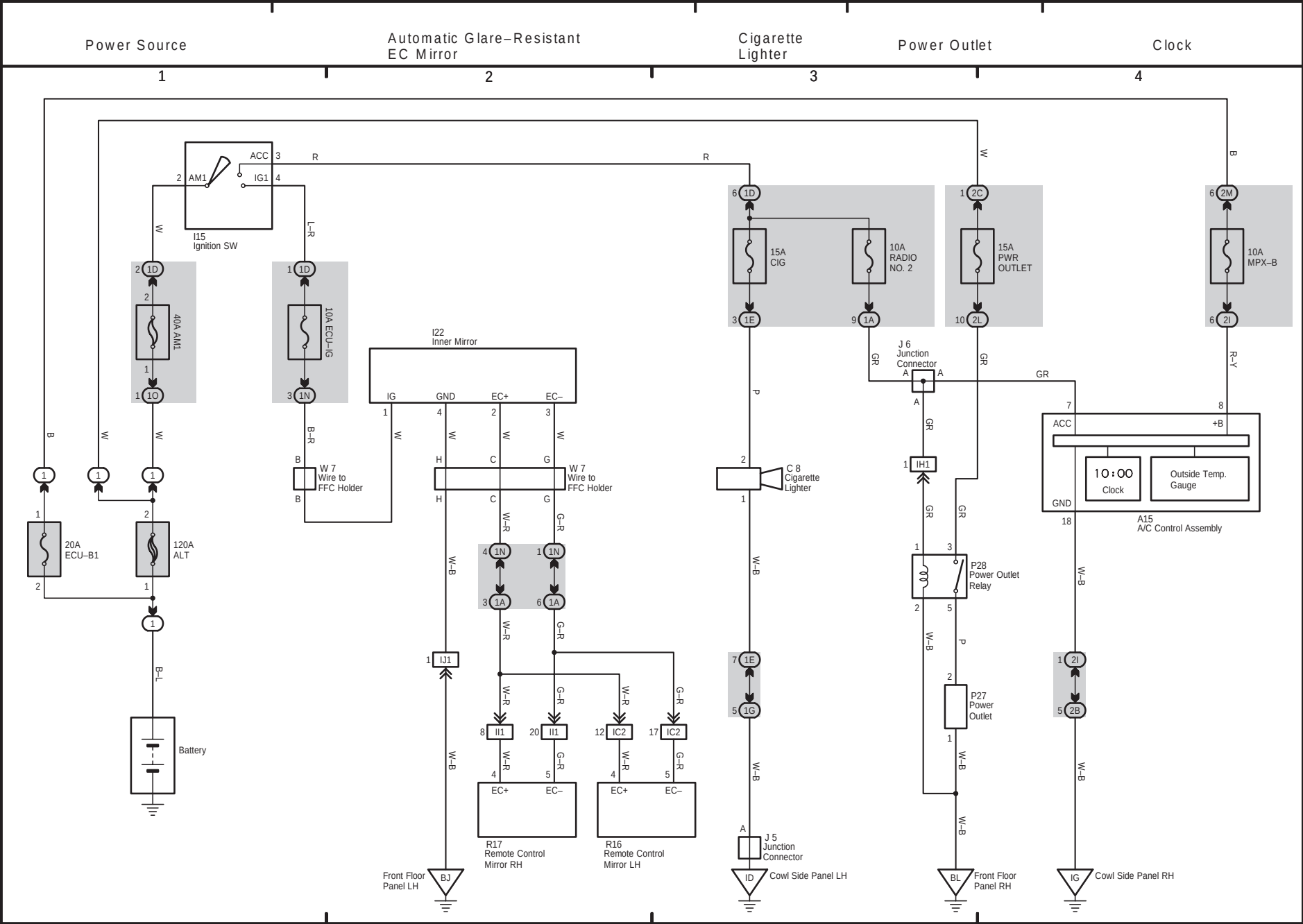


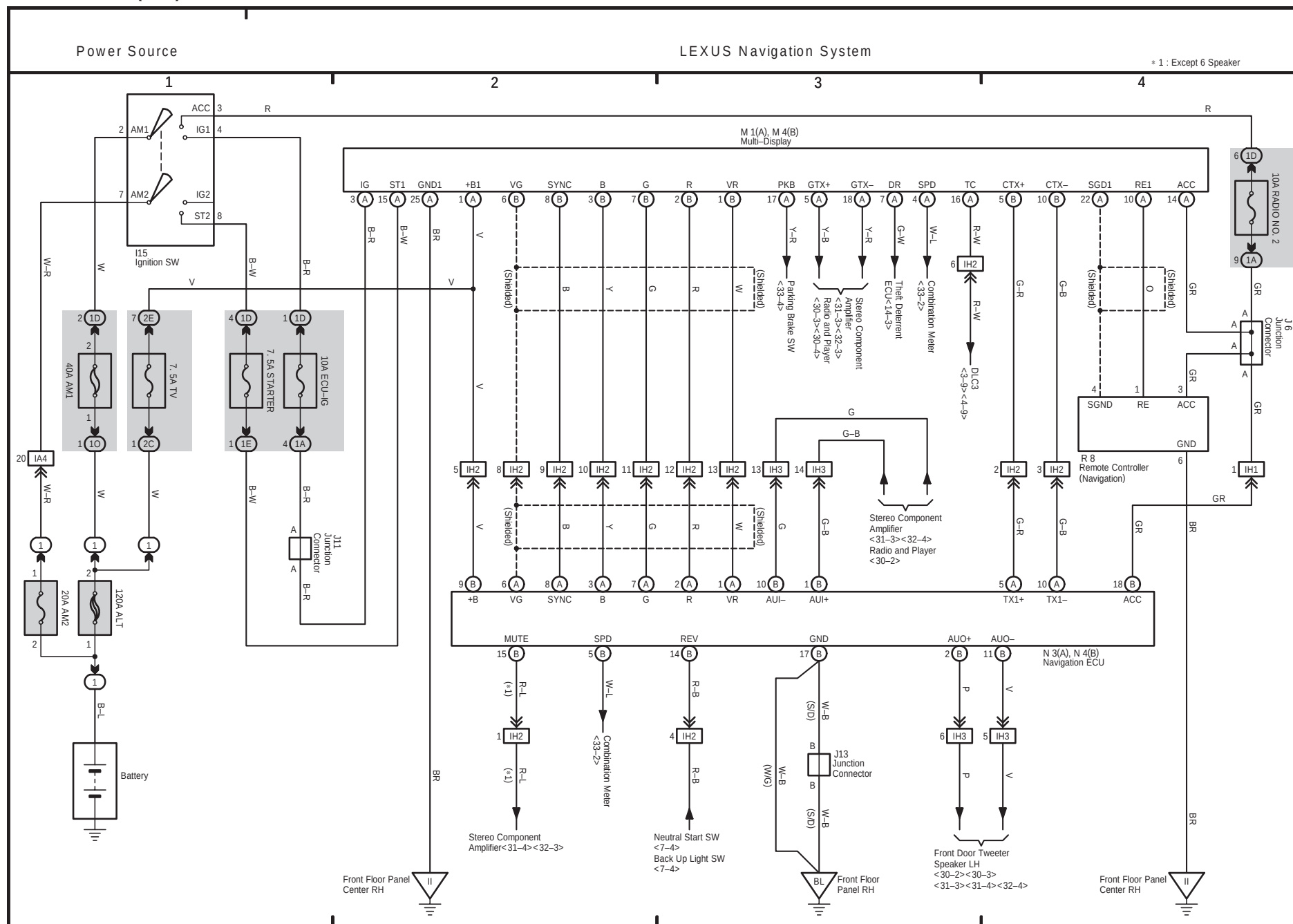
H OVERALL ELECTRICAL WIRING DIAGRAM









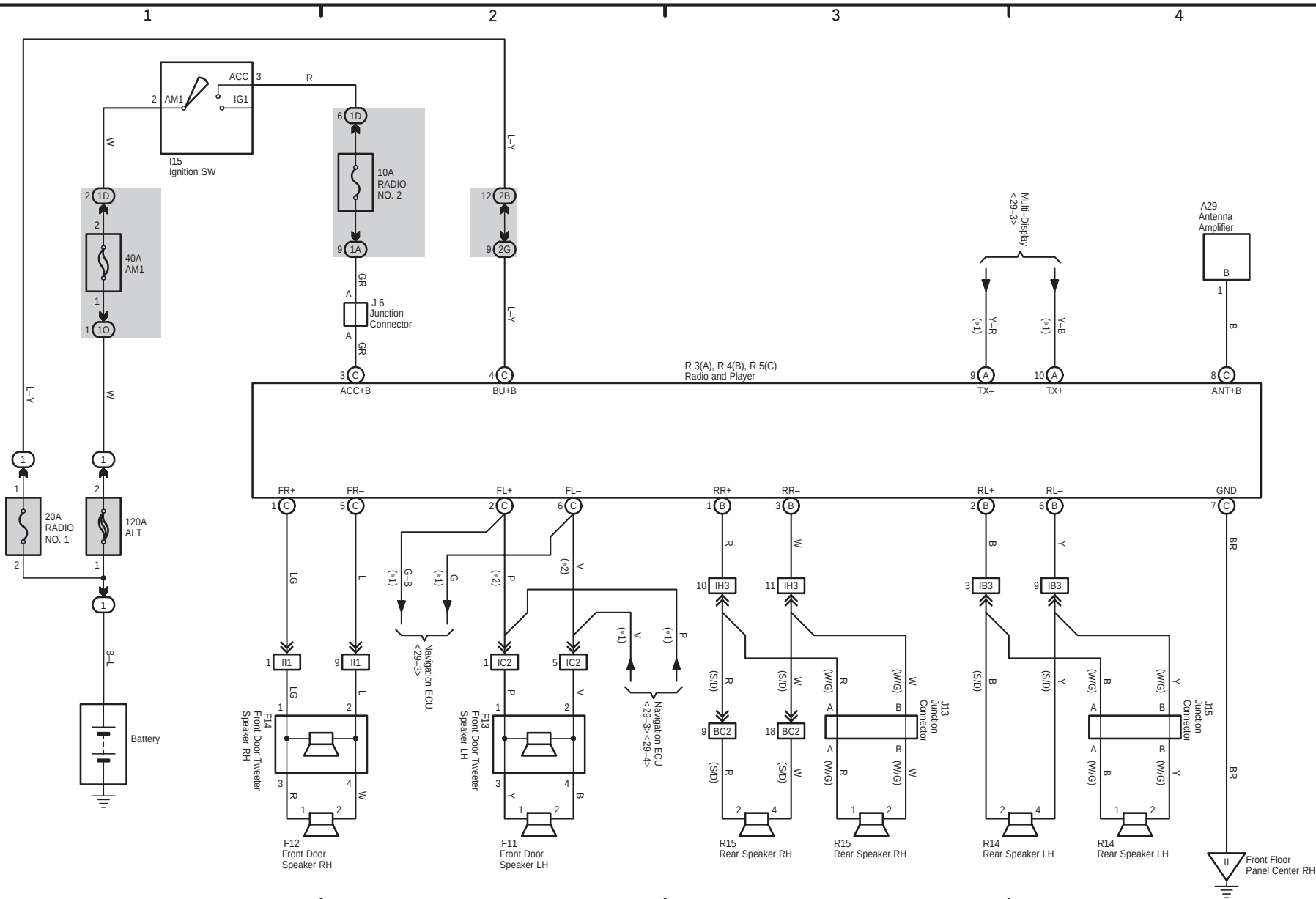


30 IS 300 / 200 (LHD)

Power Source

Radio and Player (6 Speaker)

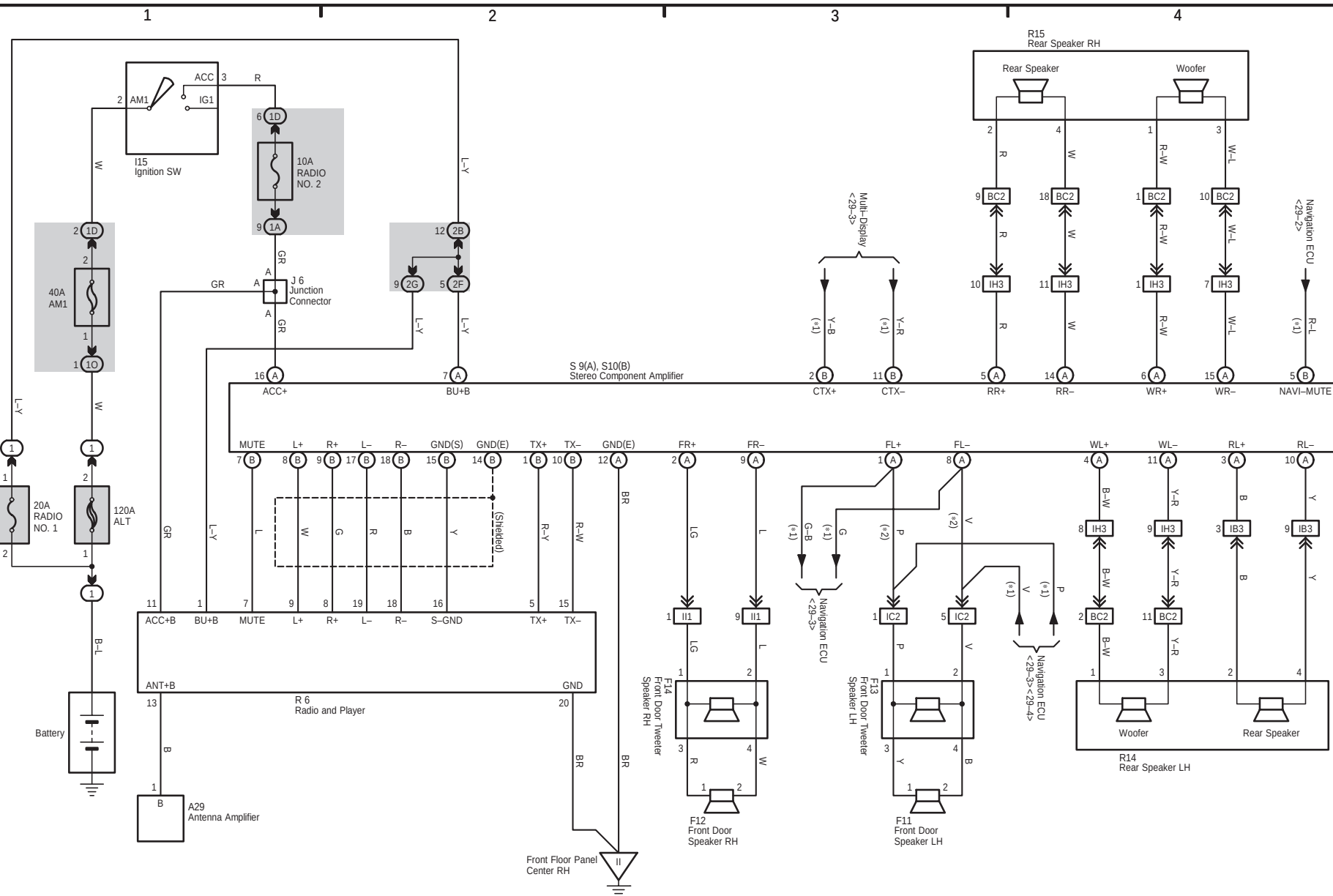
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 \* 2 : w/o LEXUS Navigation System

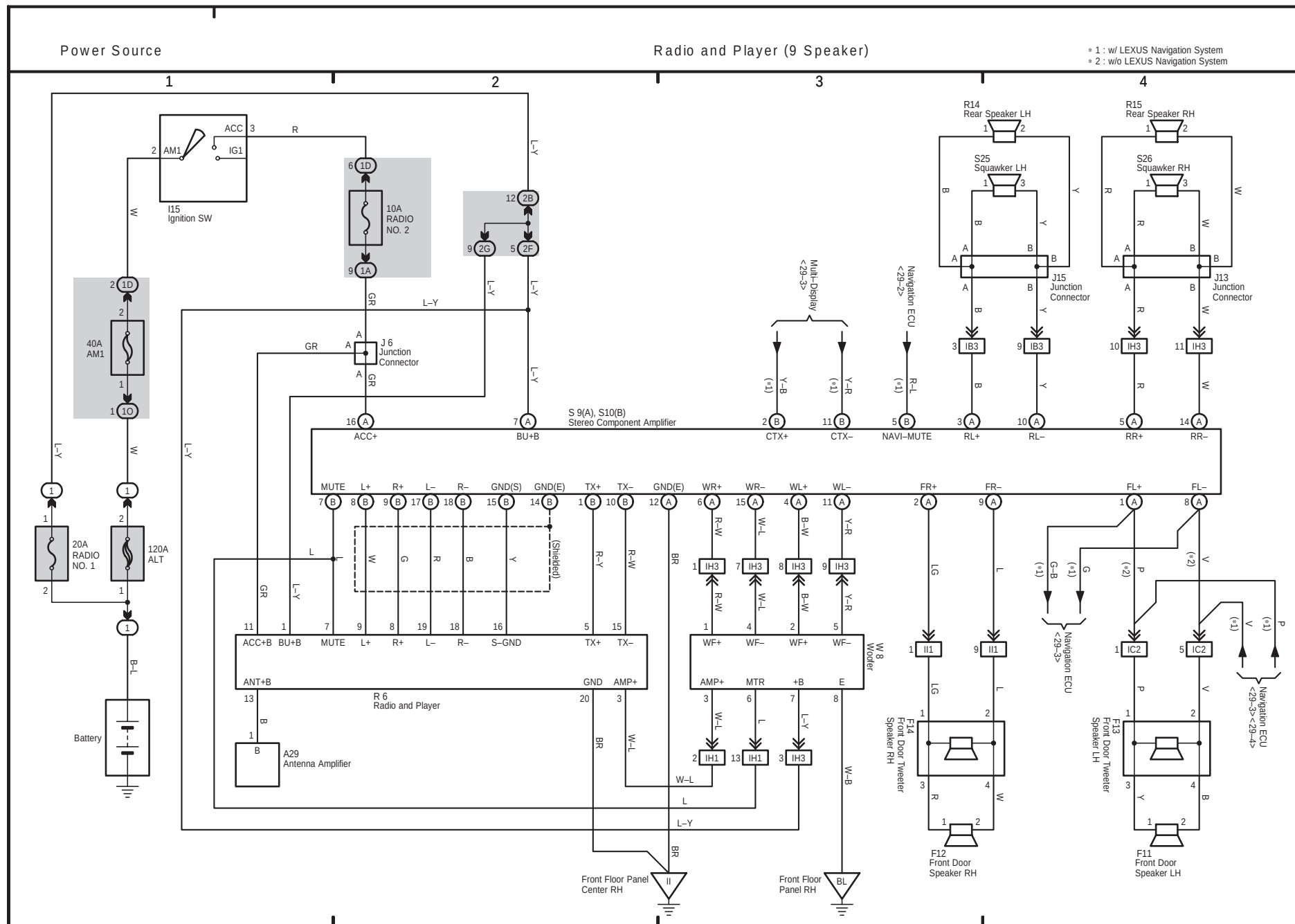


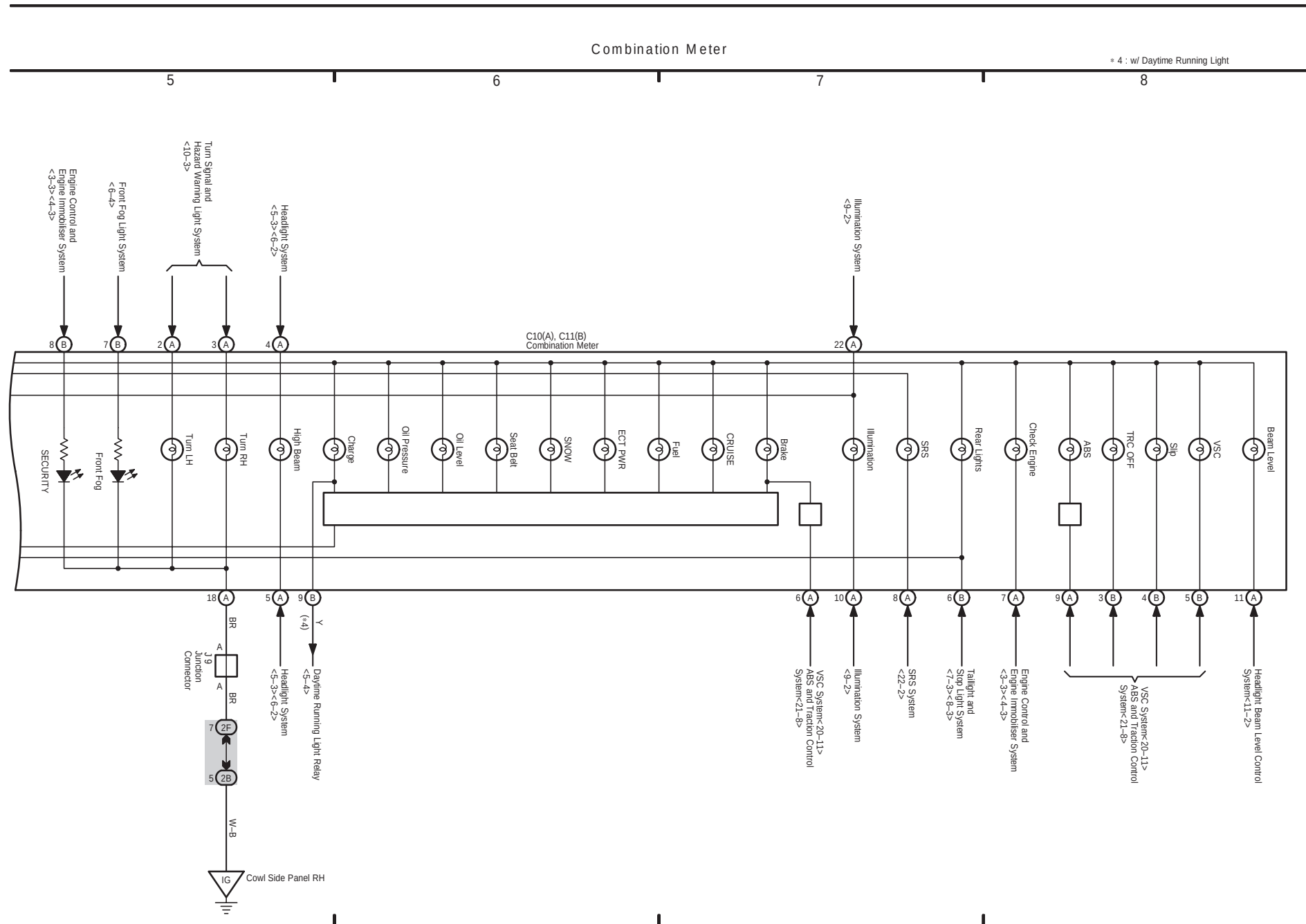
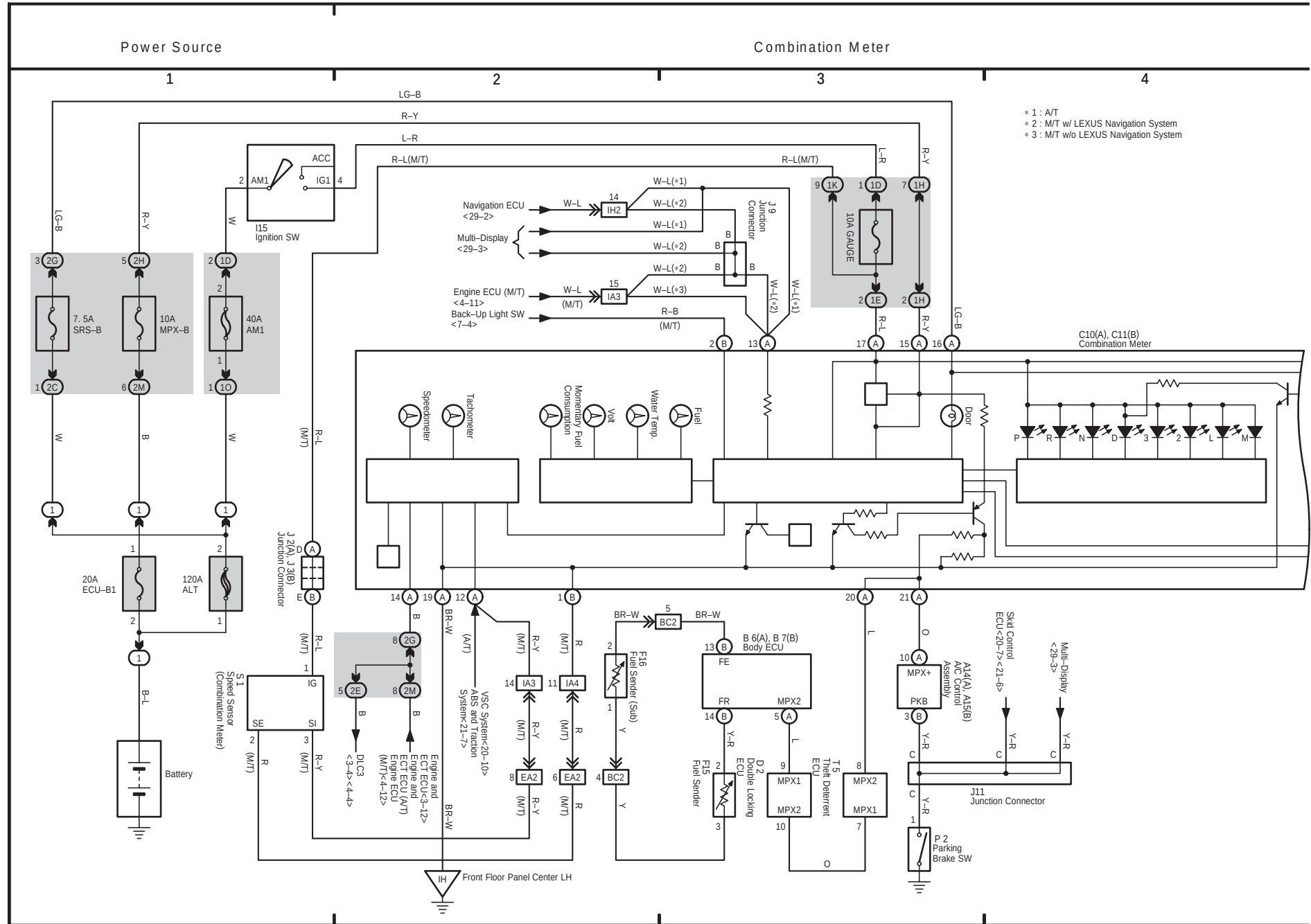
## Power Source

## Radio and Player (8 Speaker)

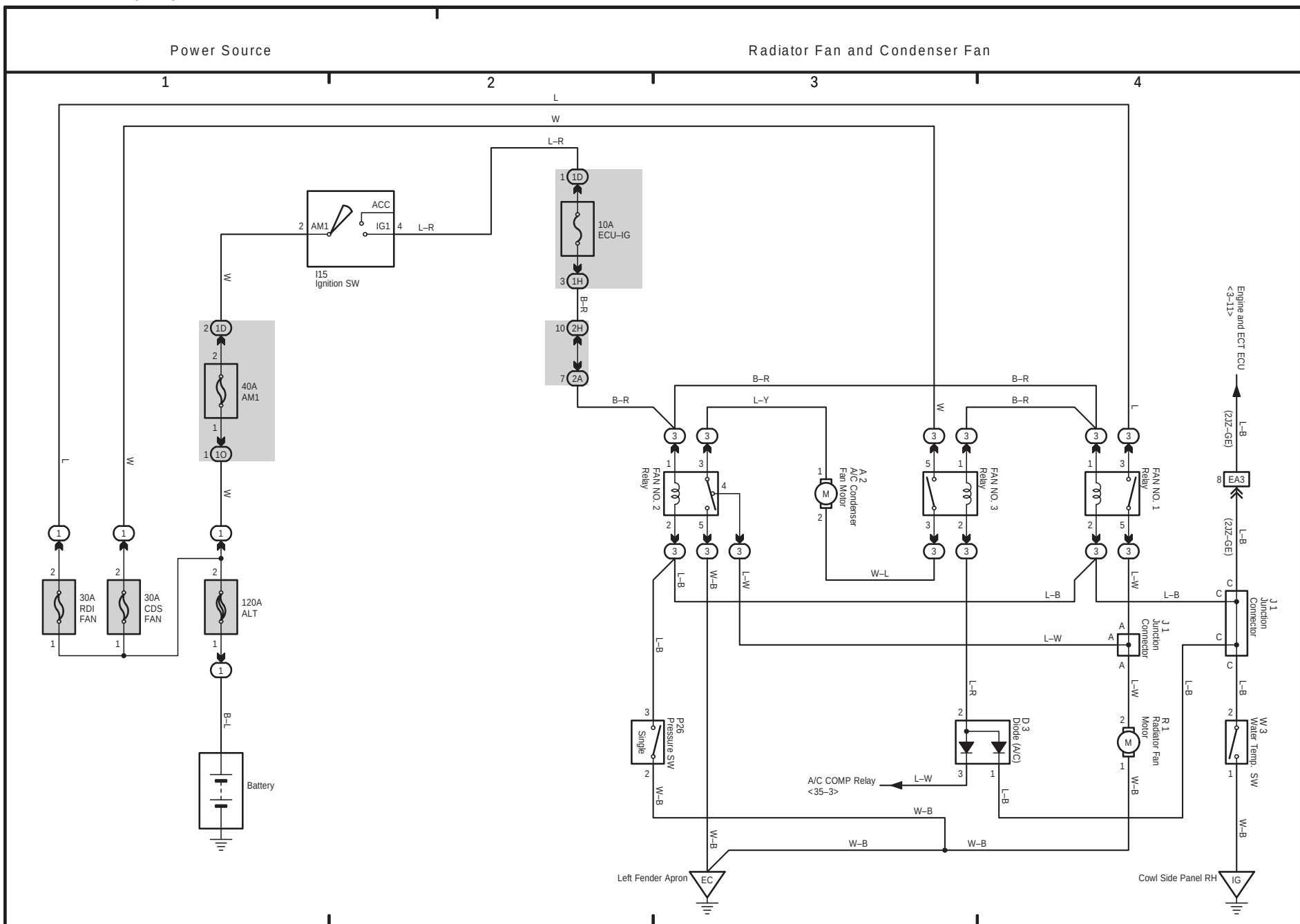
\* 1 : w/ LEXUS Navigation System  
 \* 2 : w/o LEXUS Navigation System





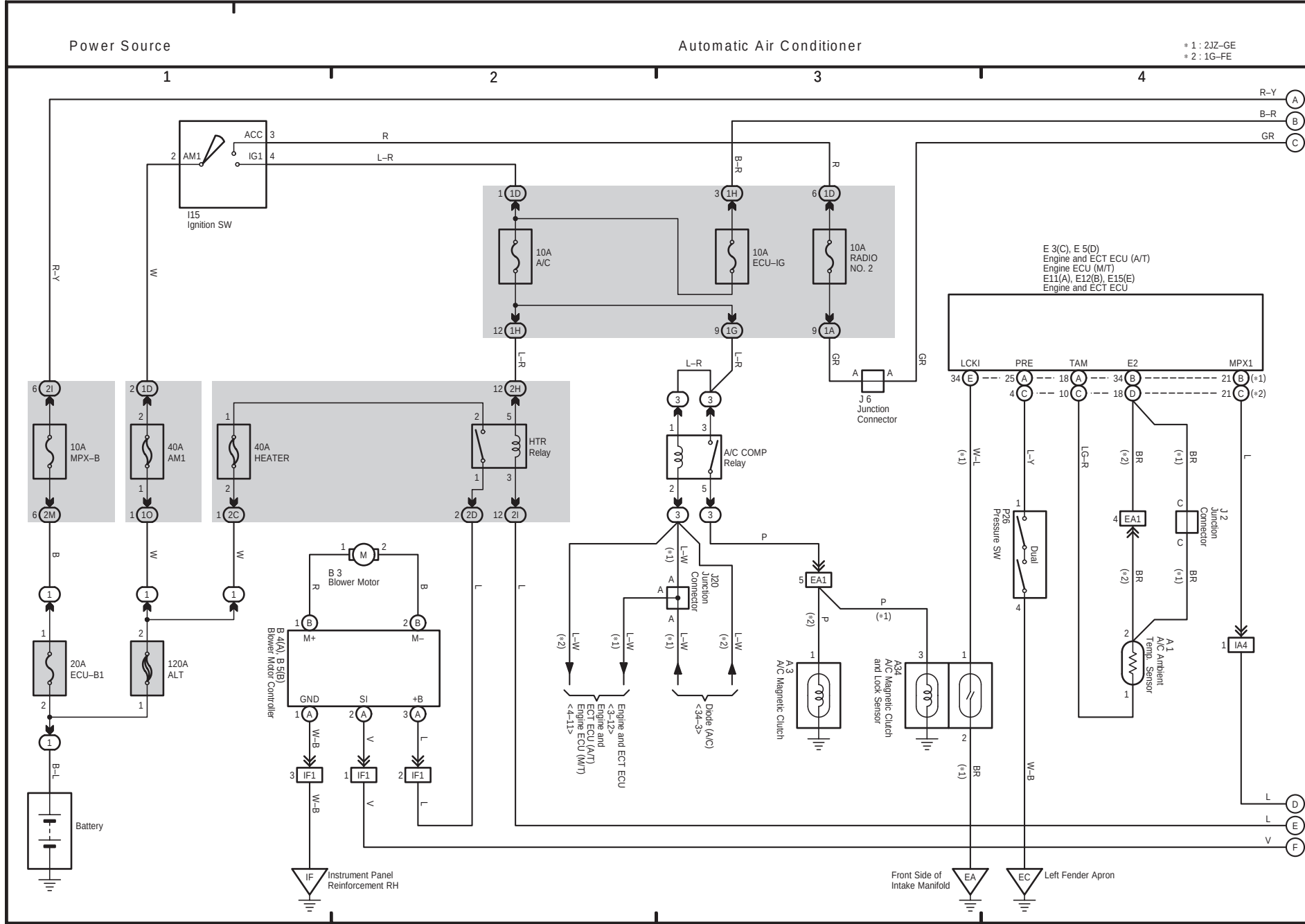


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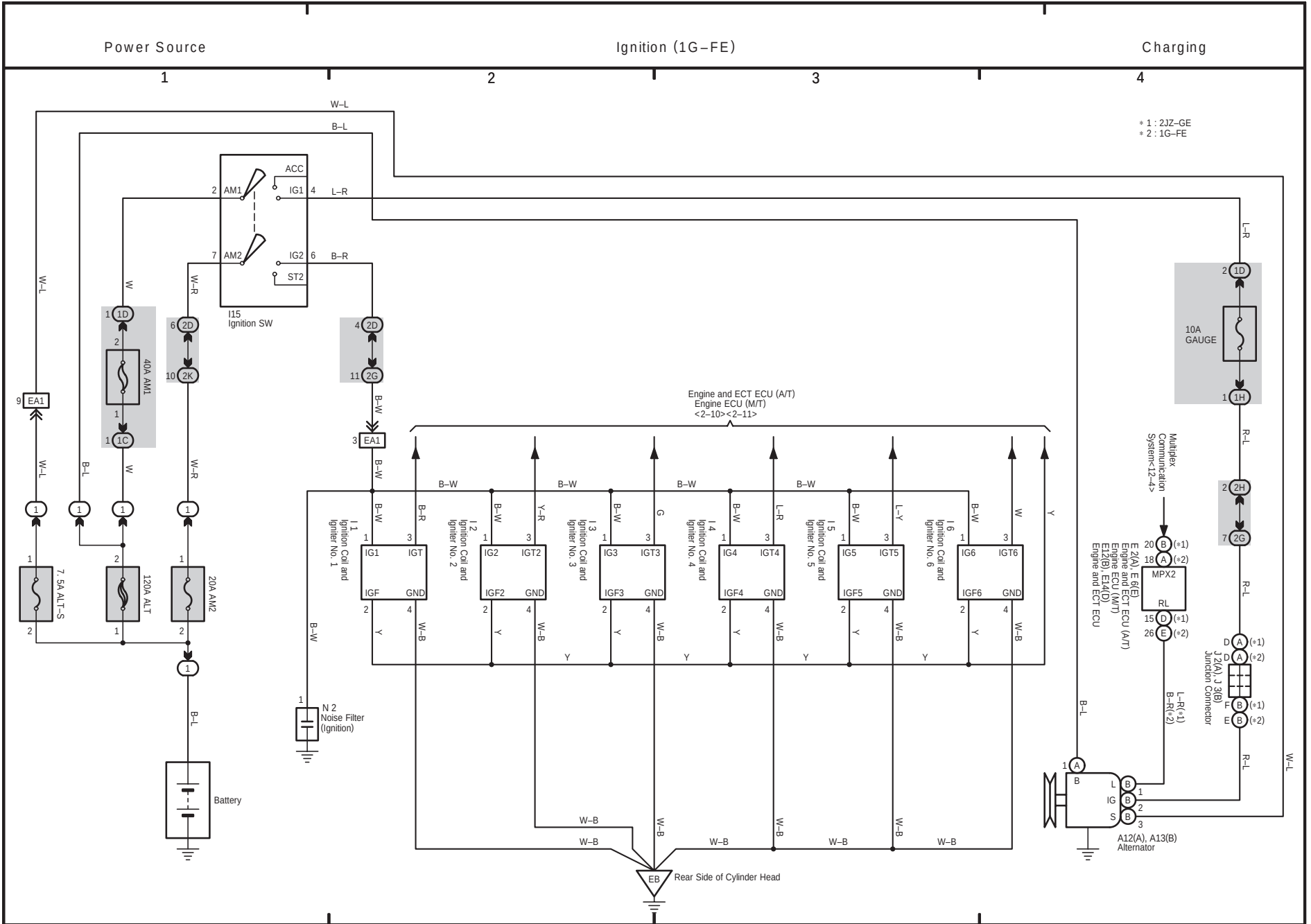


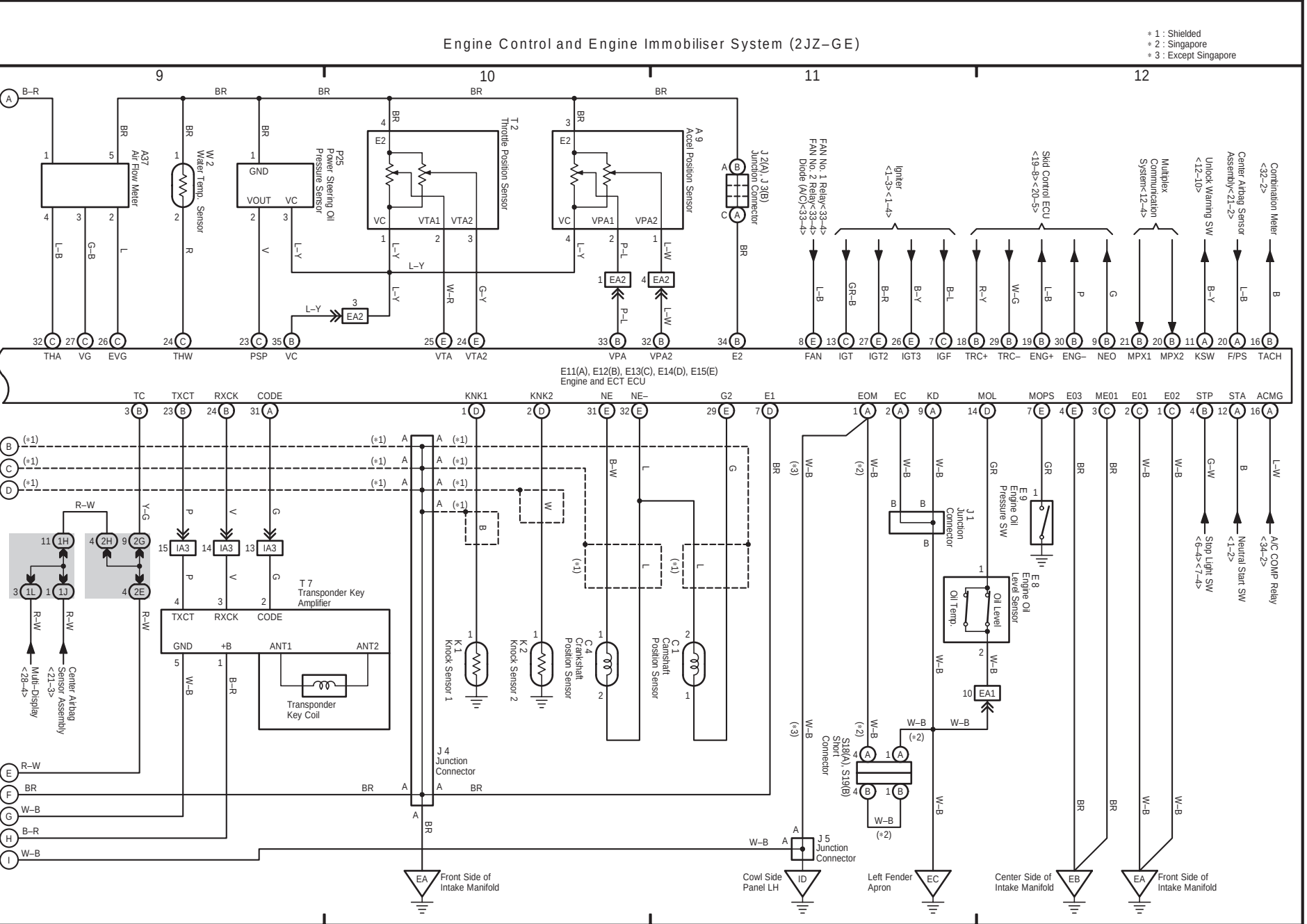
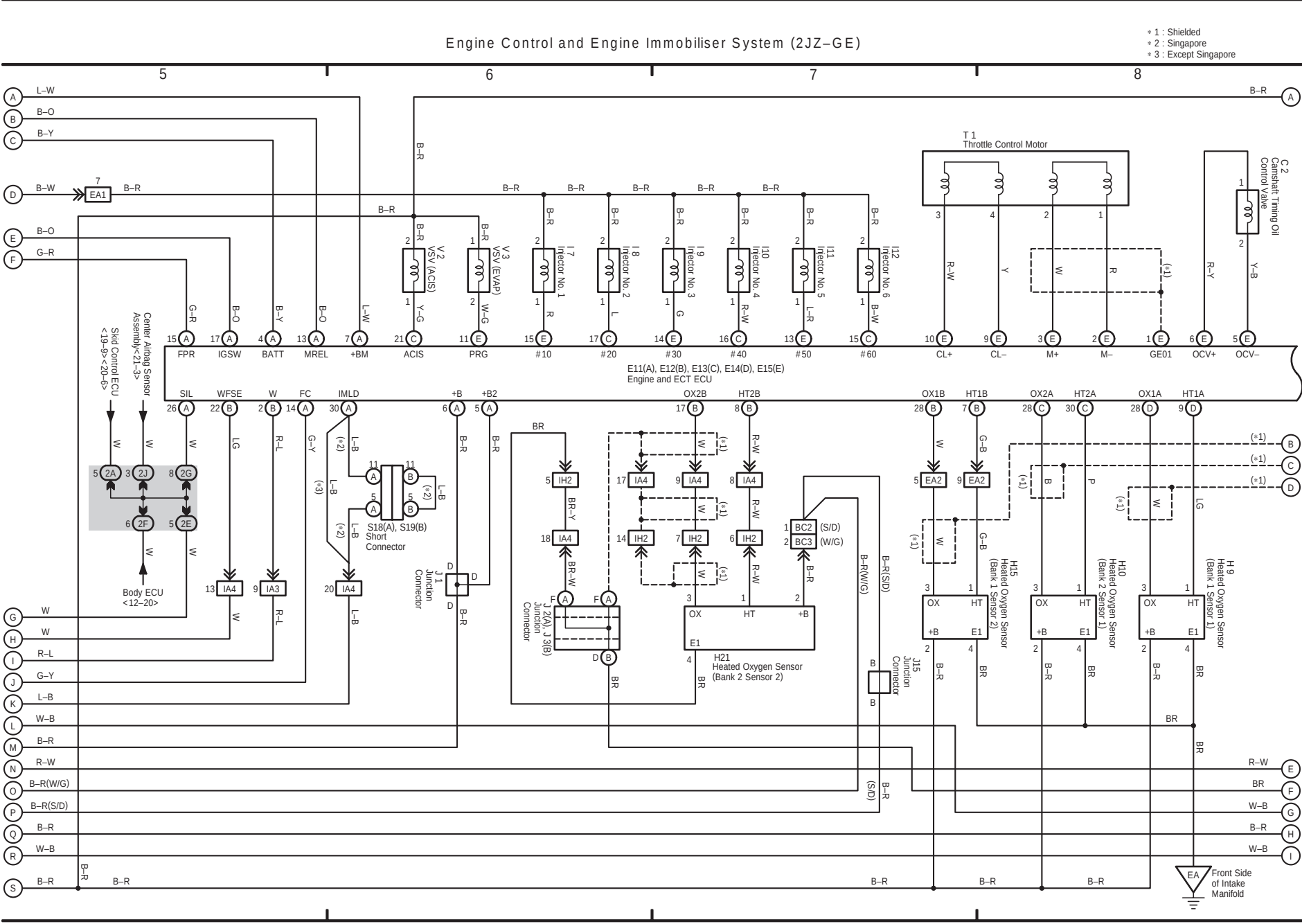
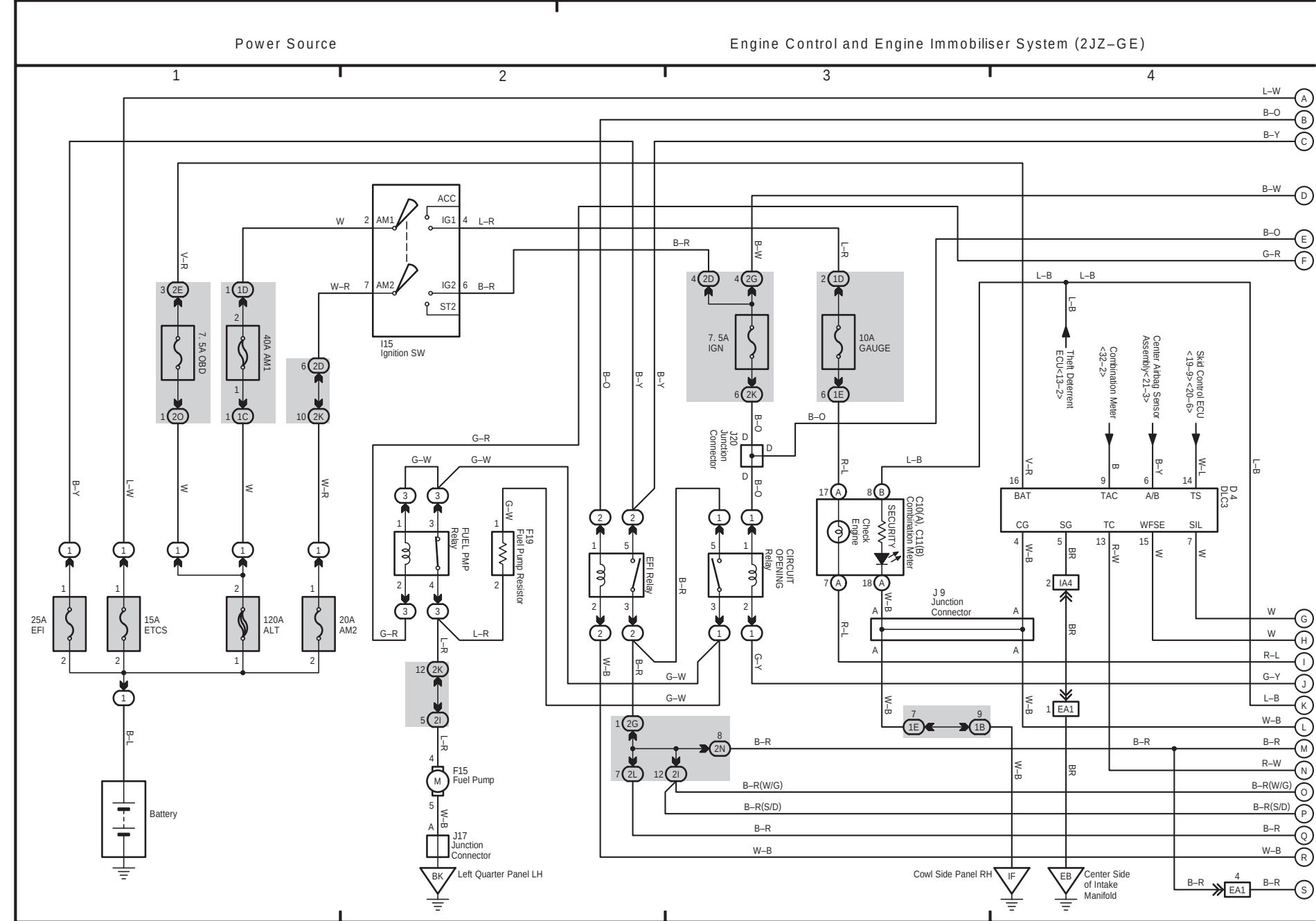
35 IS 300 / 200 (LHD)

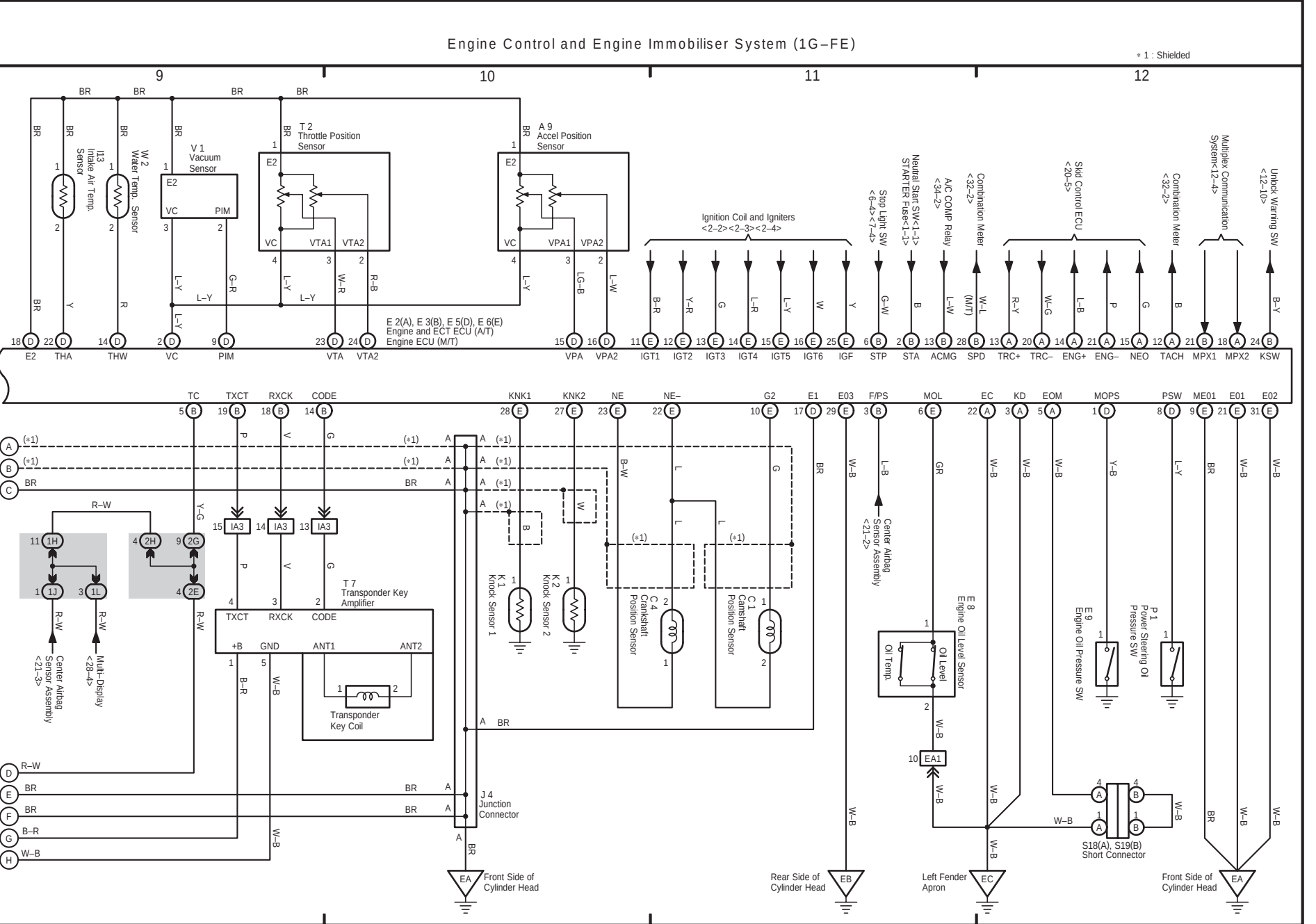
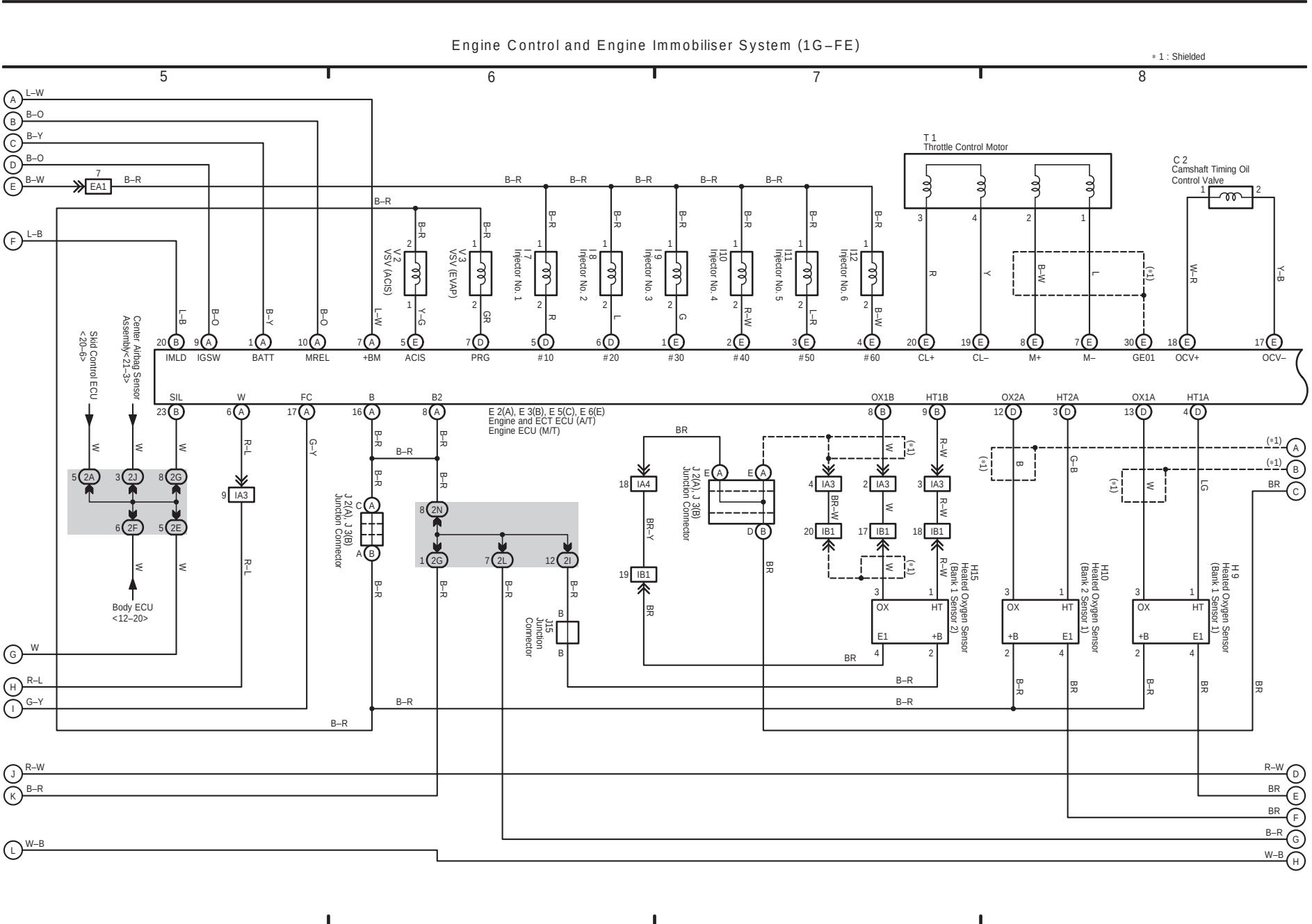
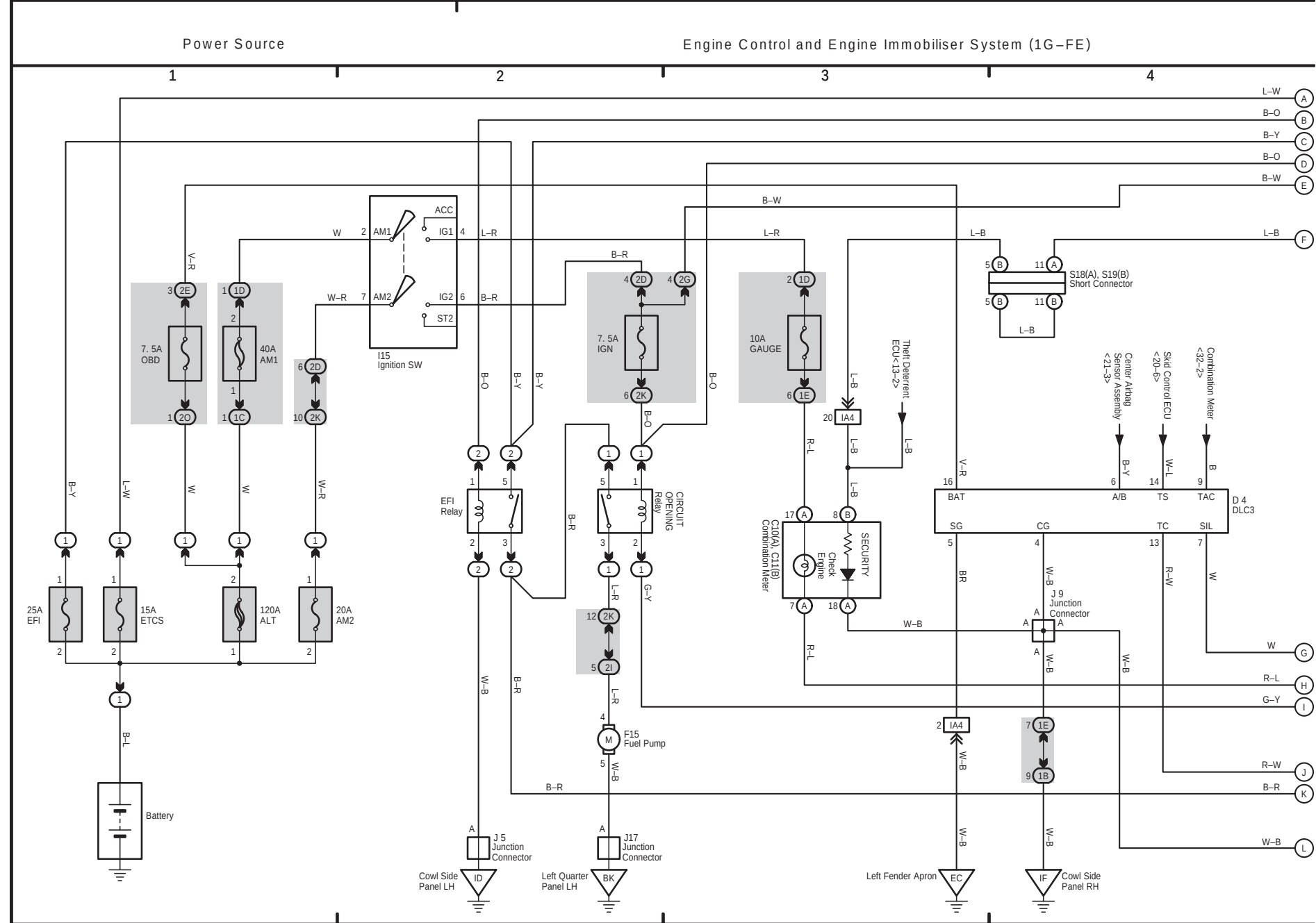
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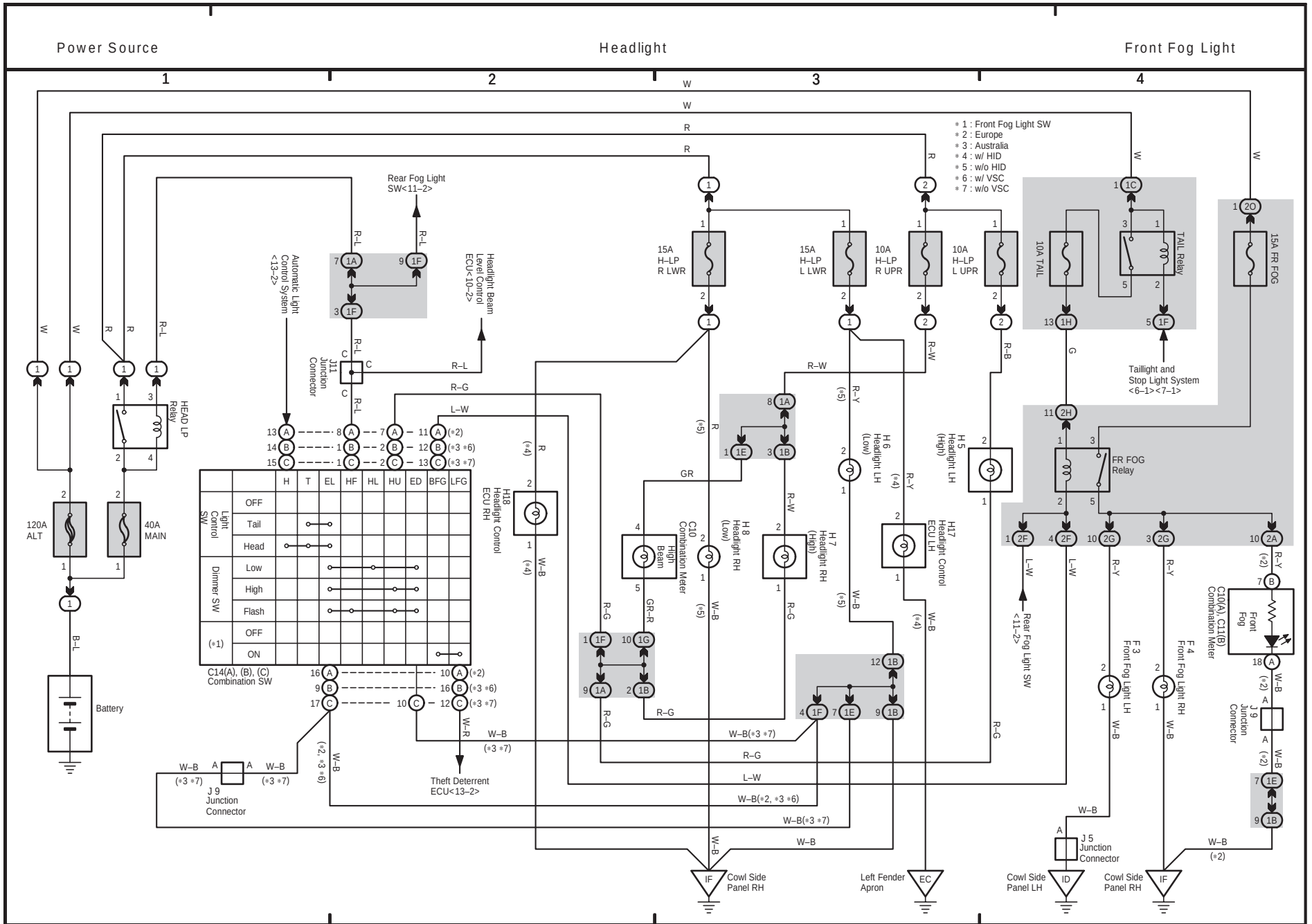


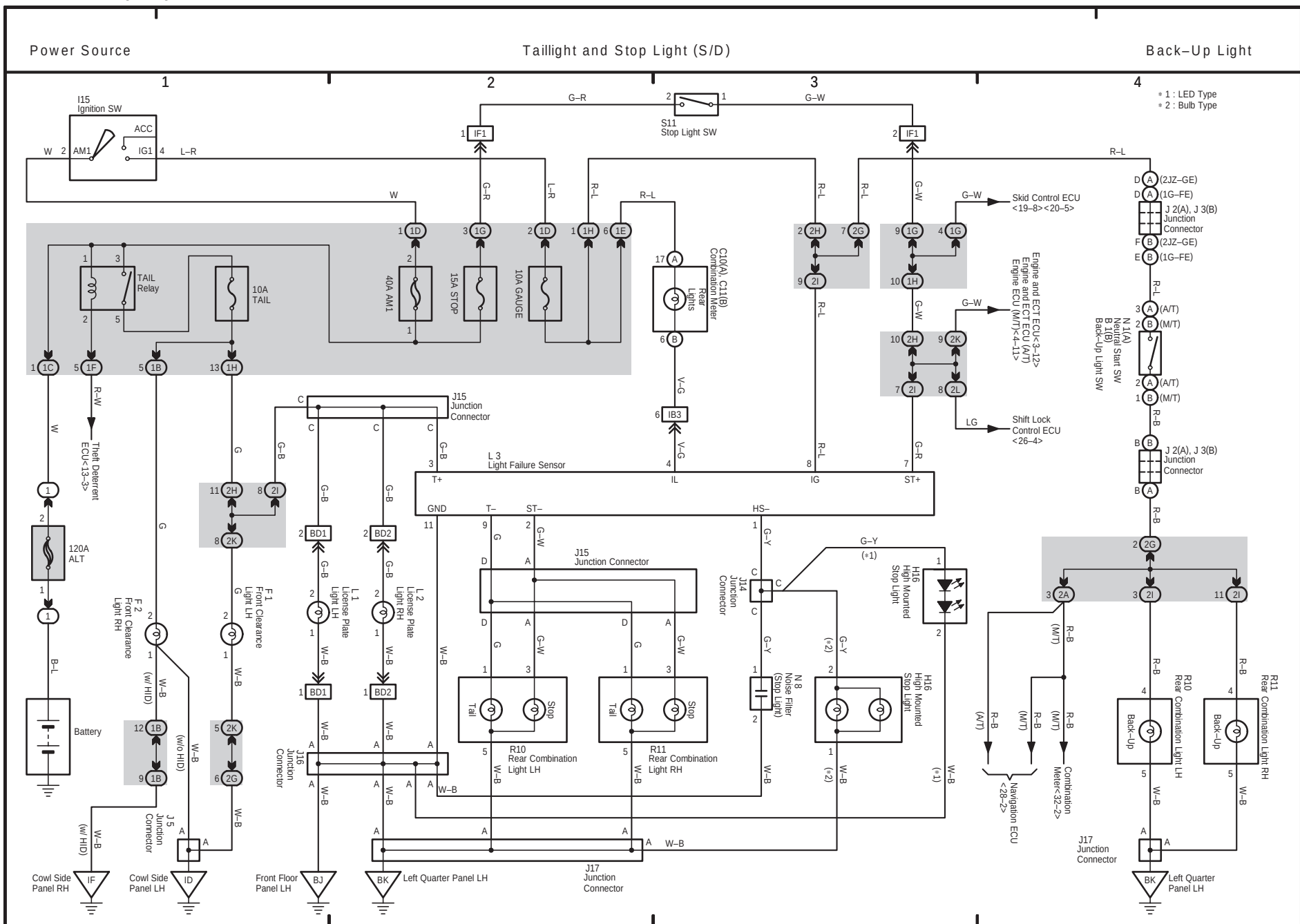


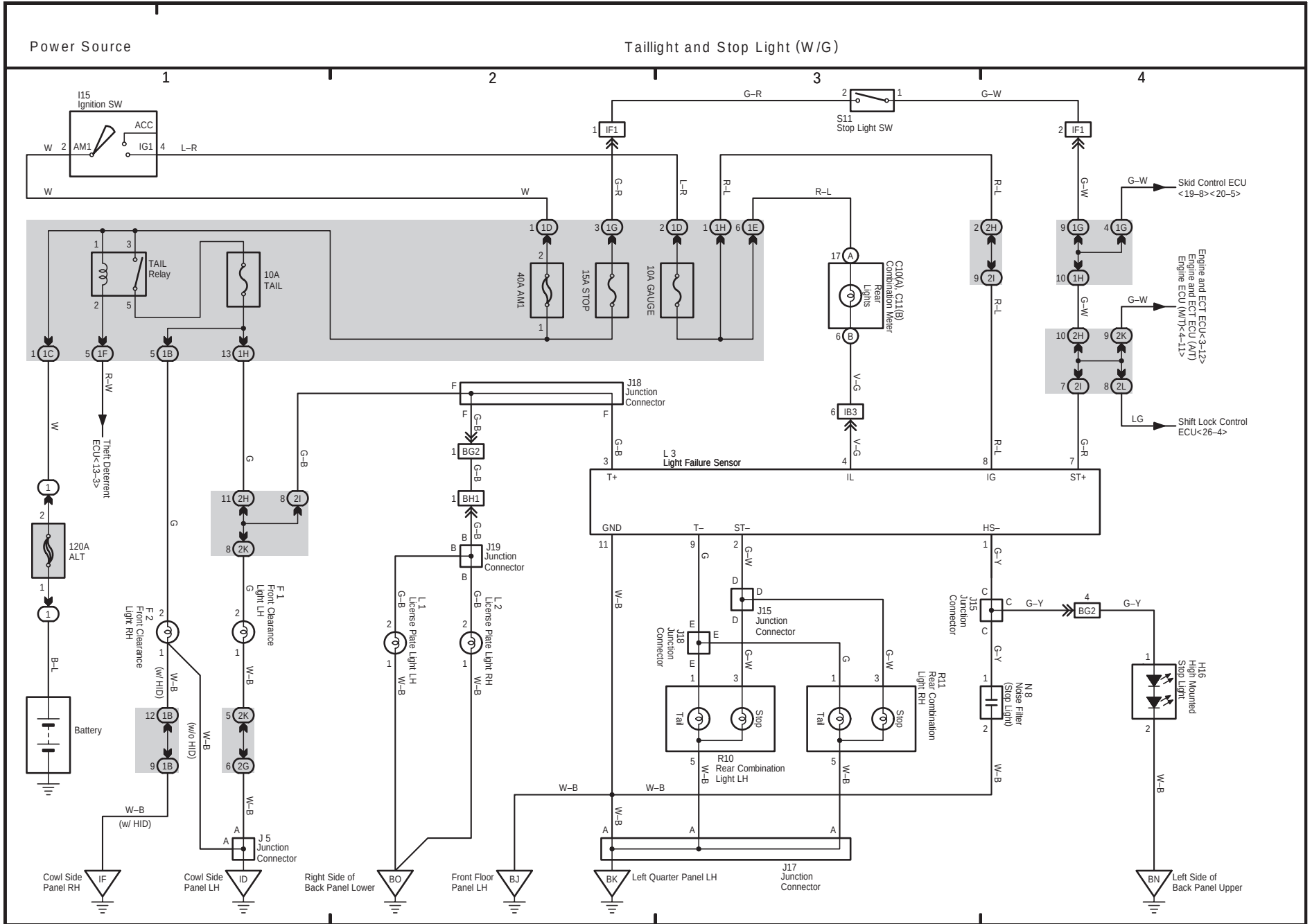




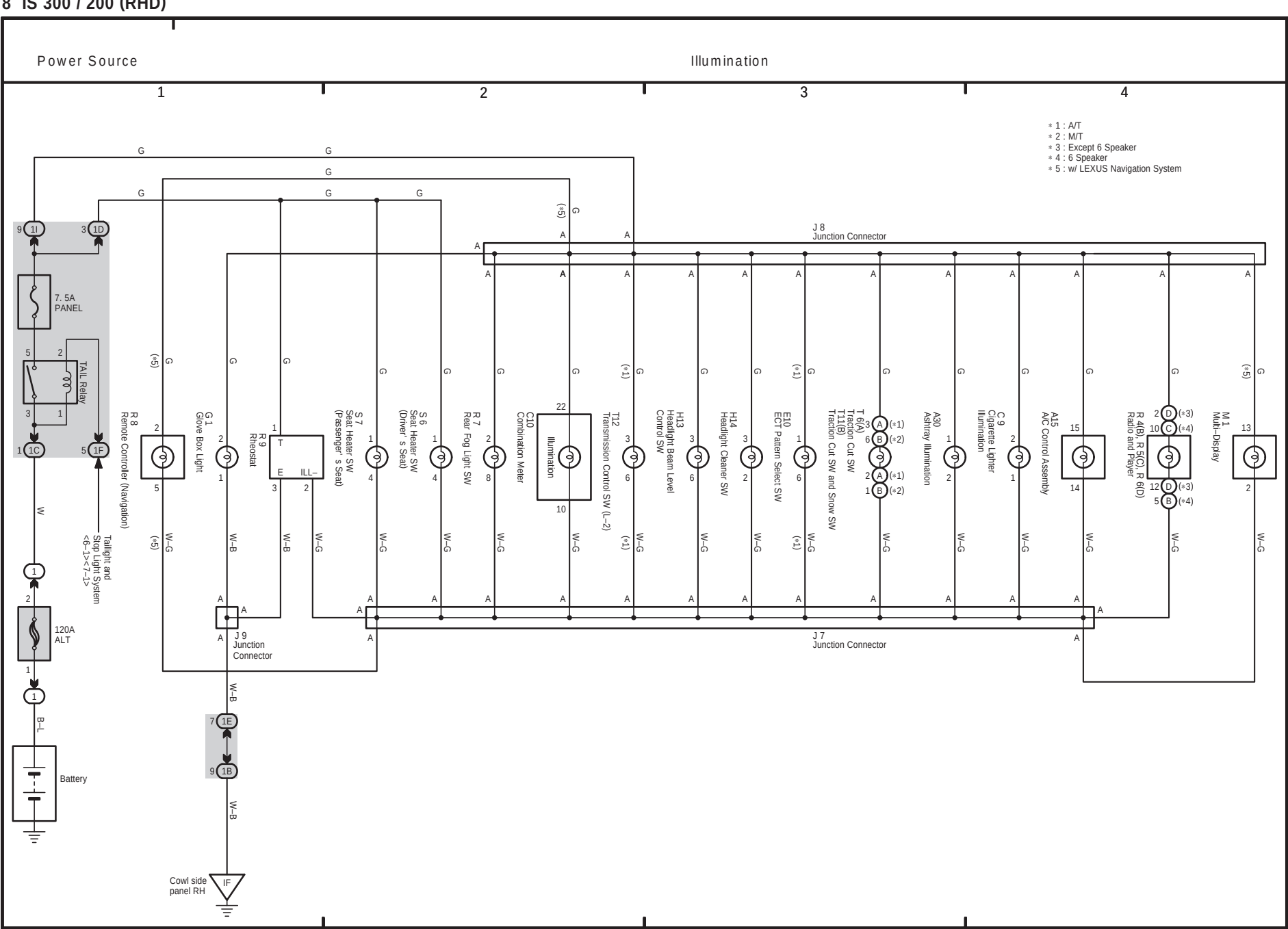




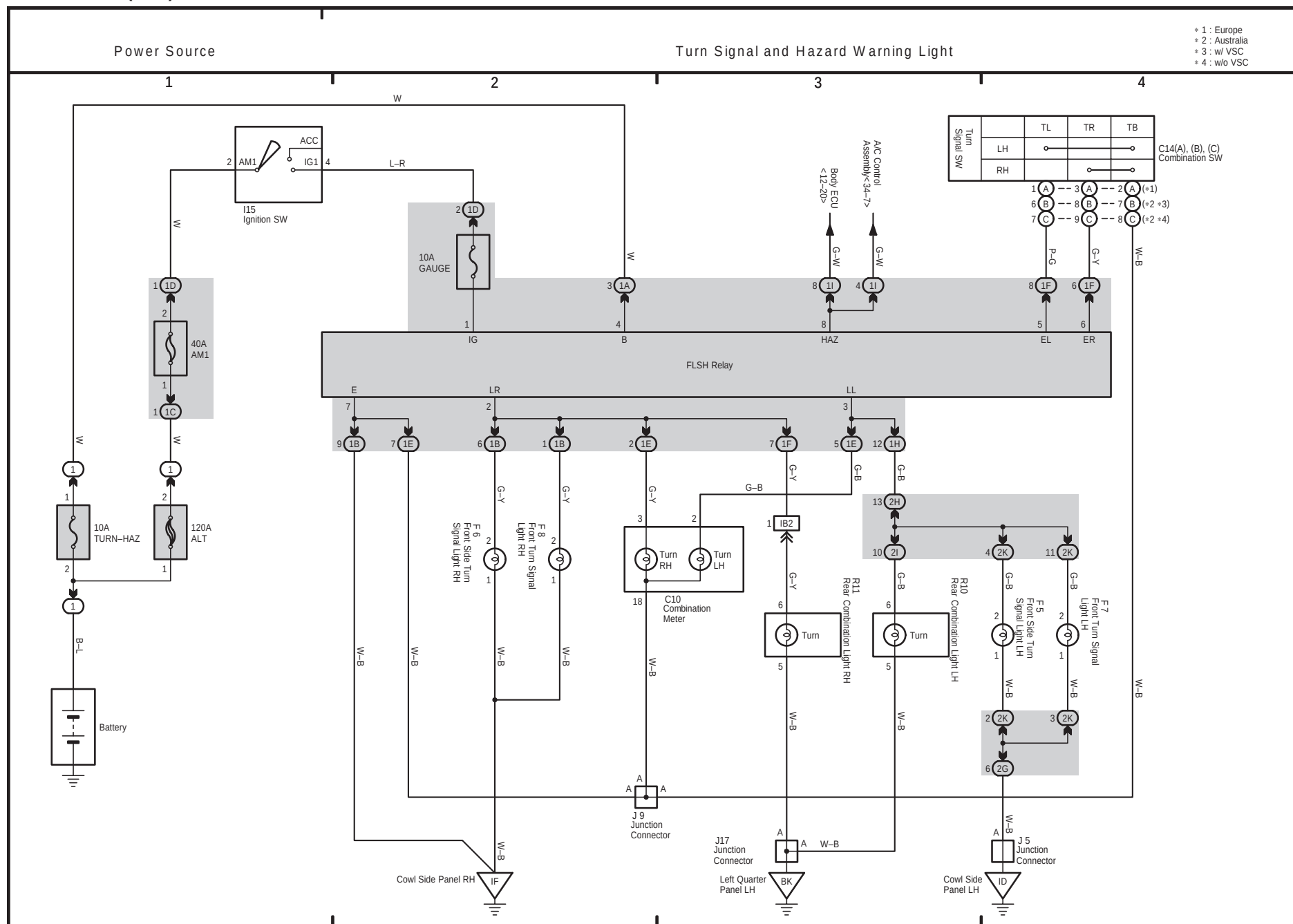


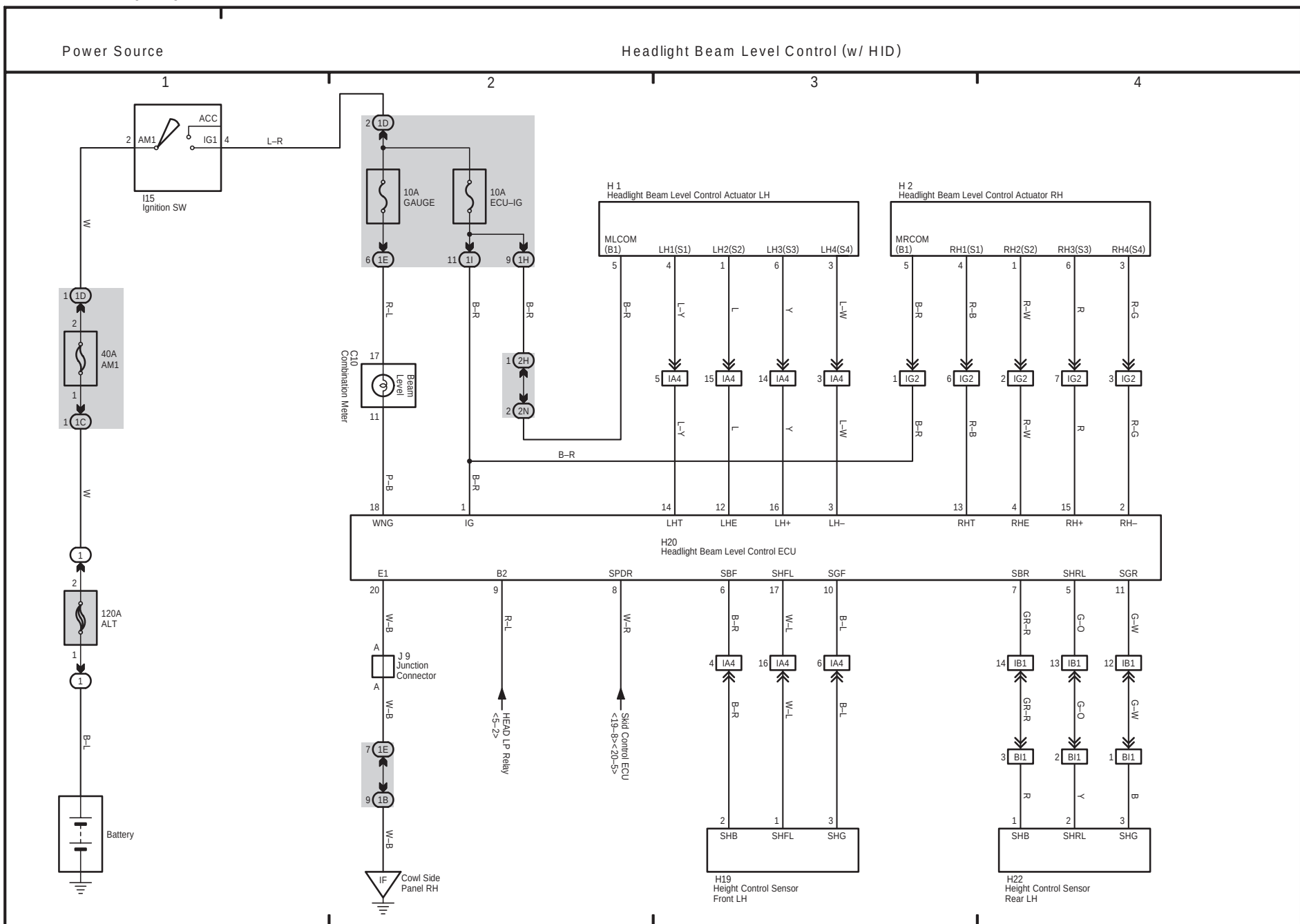


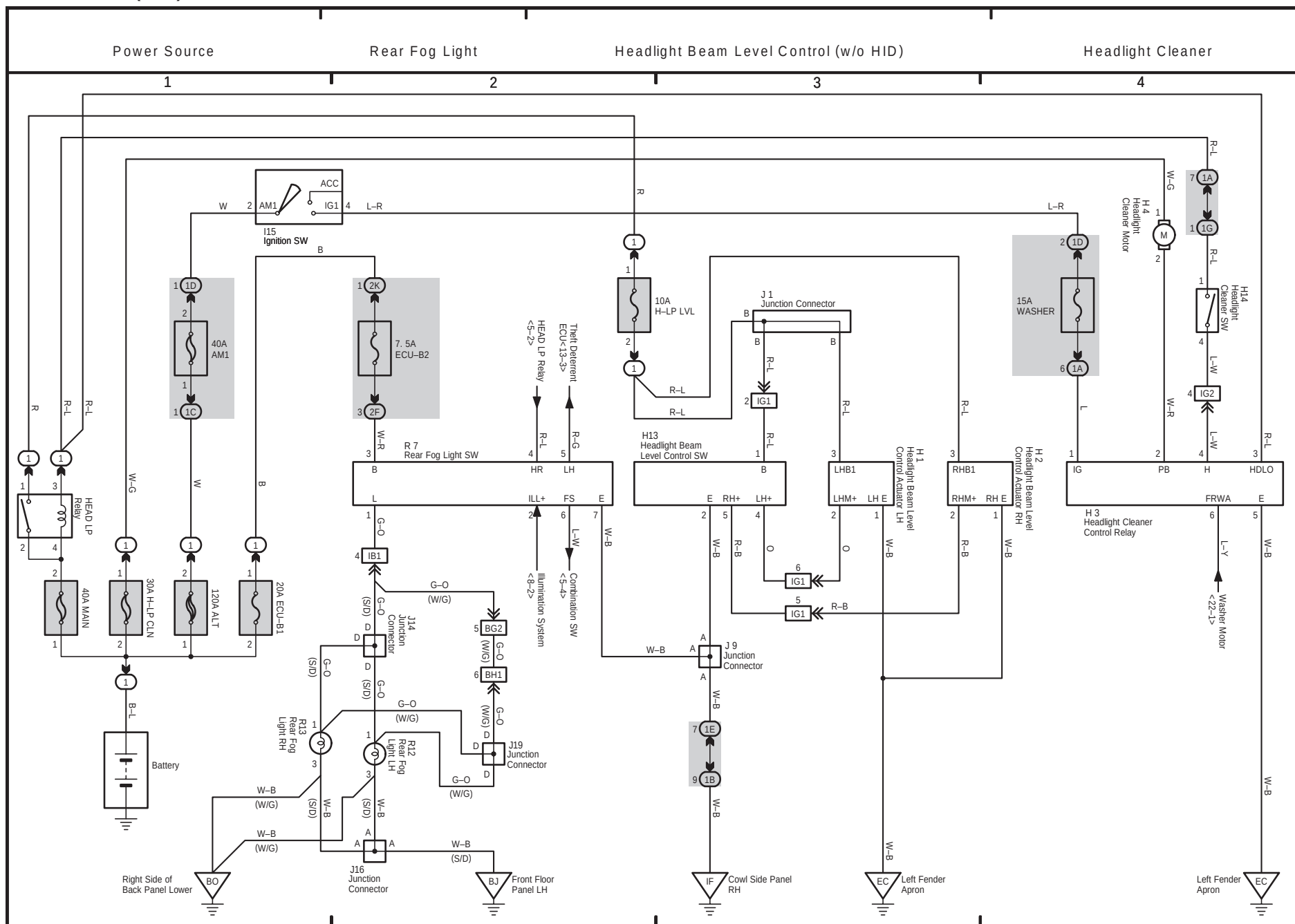
H OVERALL ELECTRICAL WIRING DIAGRAM

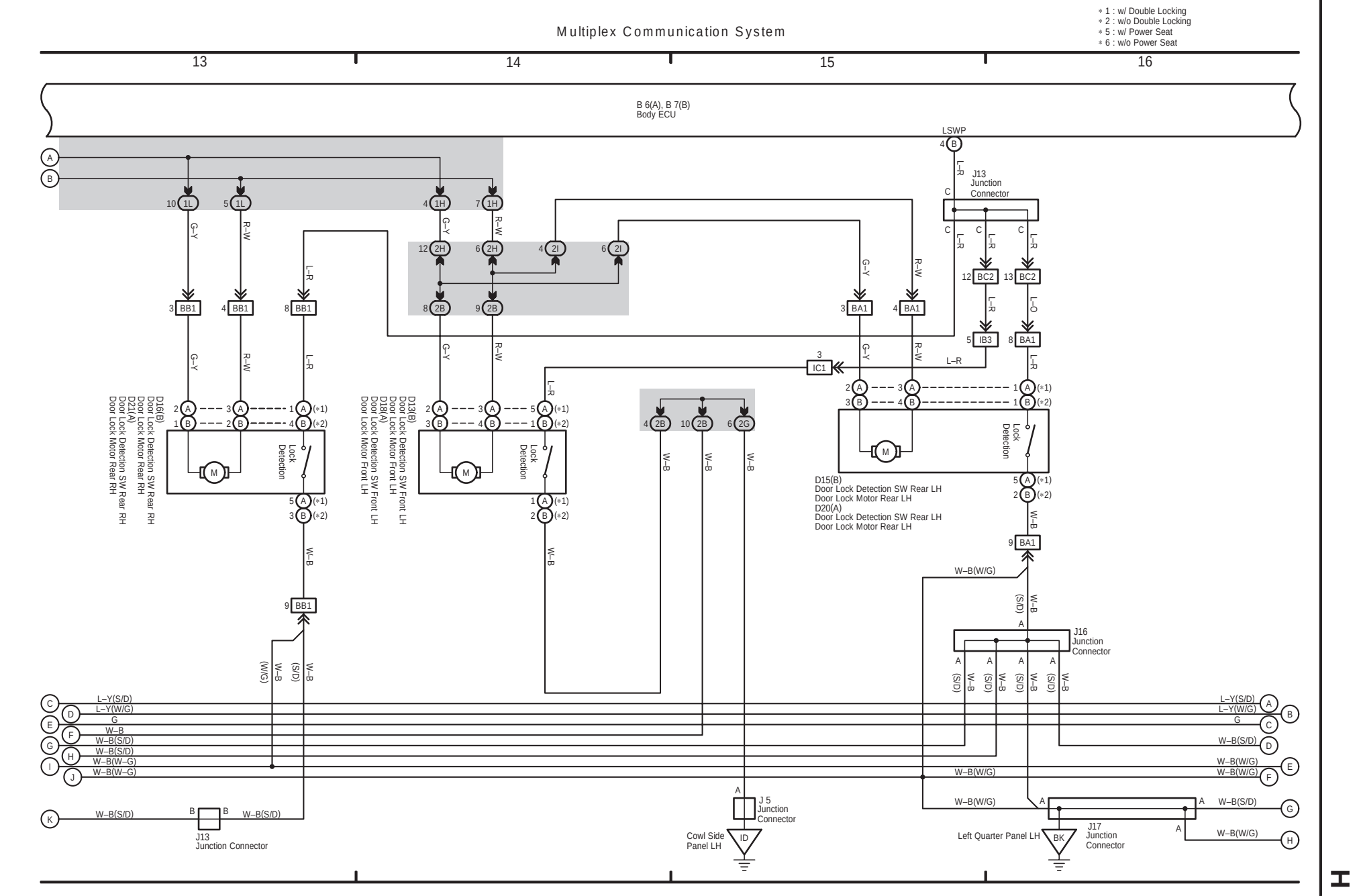
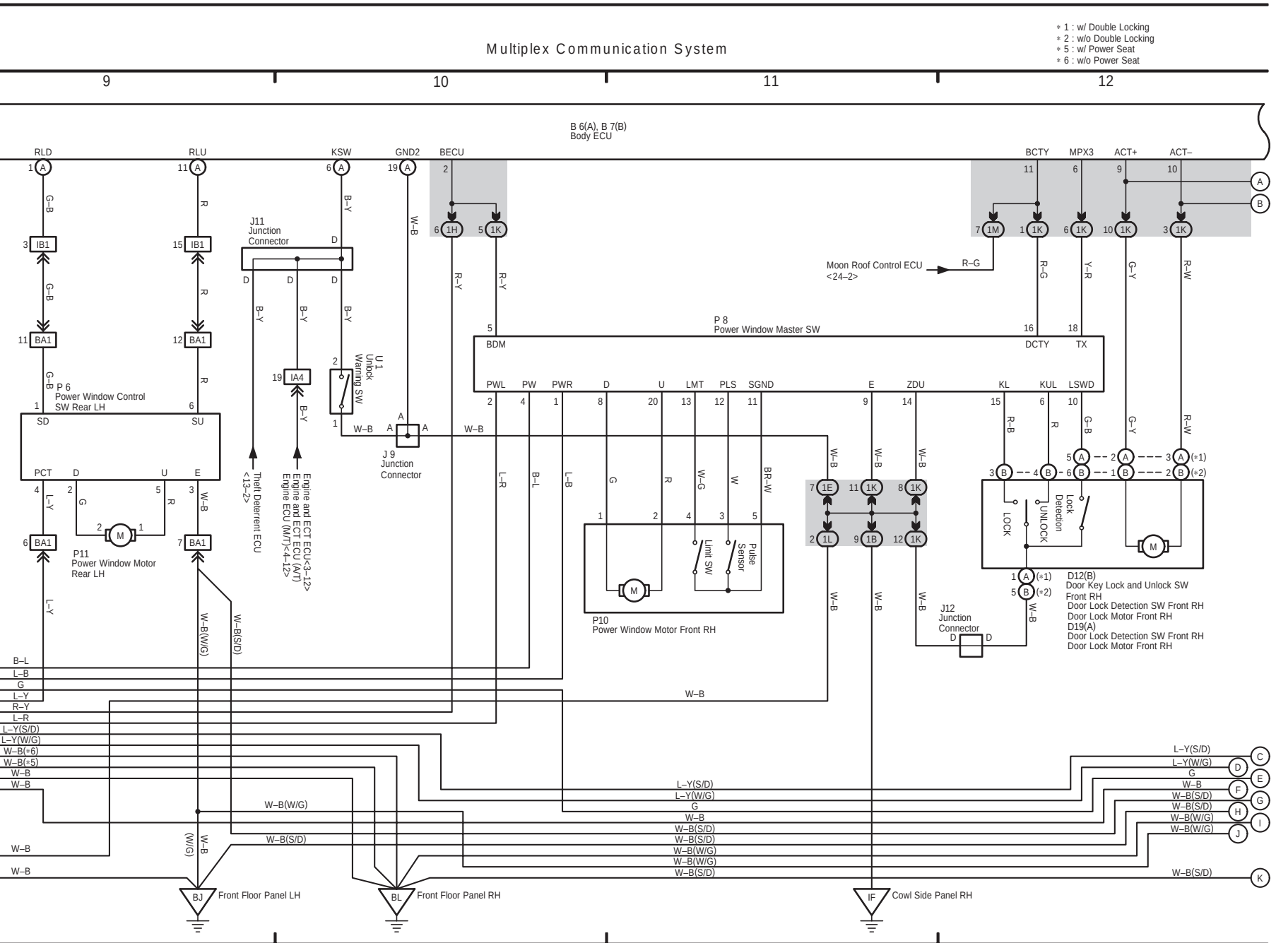
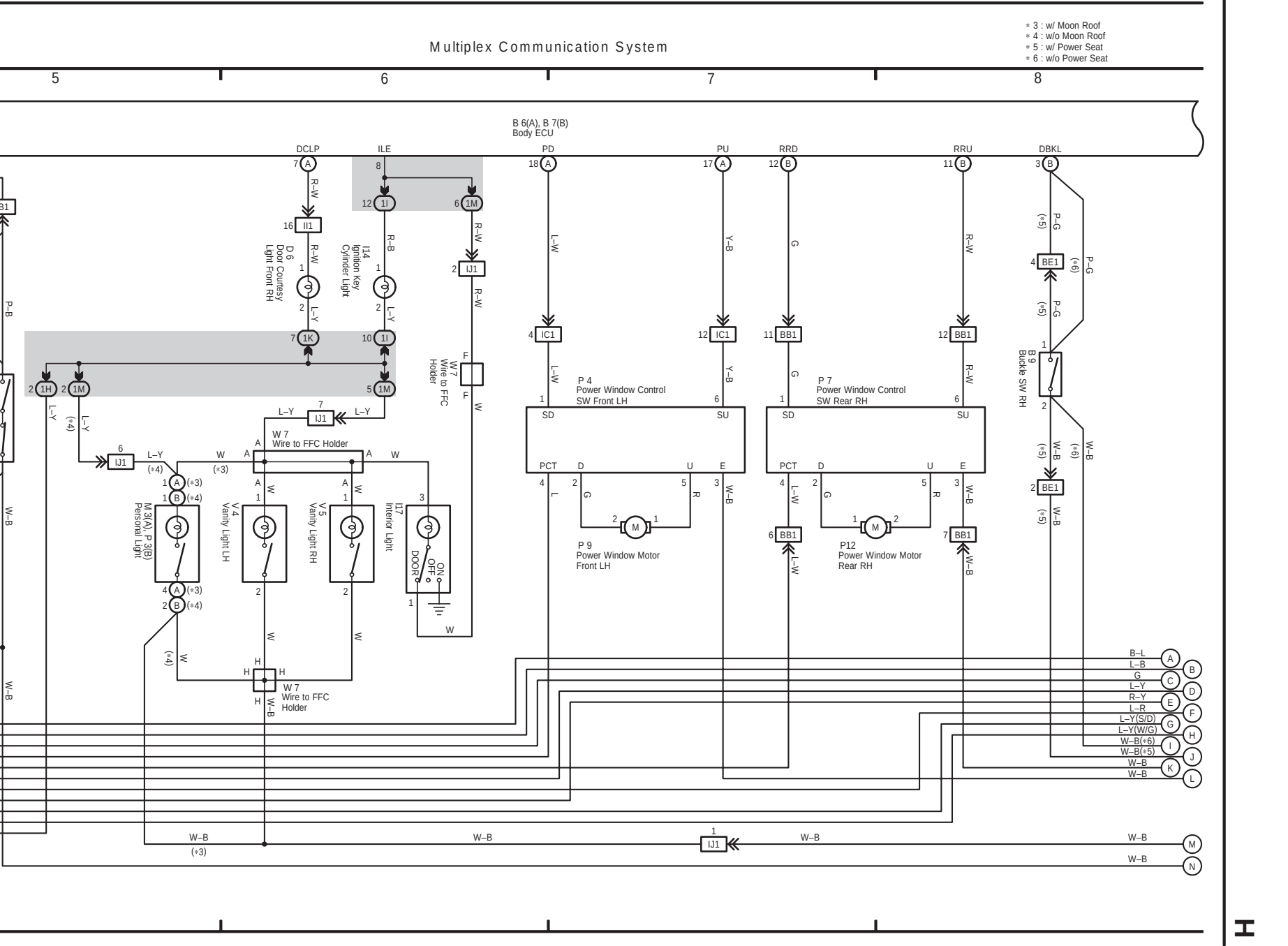
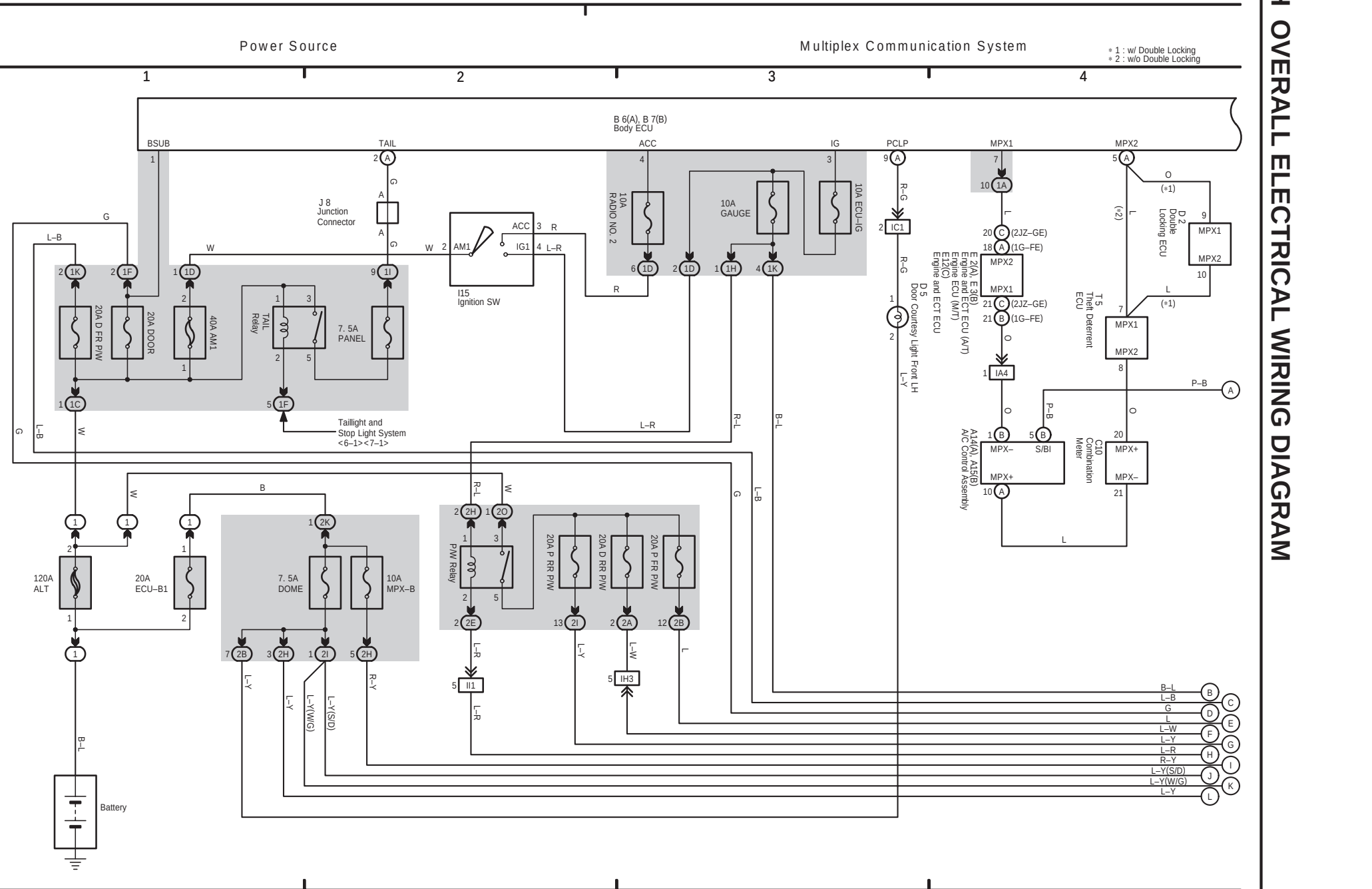


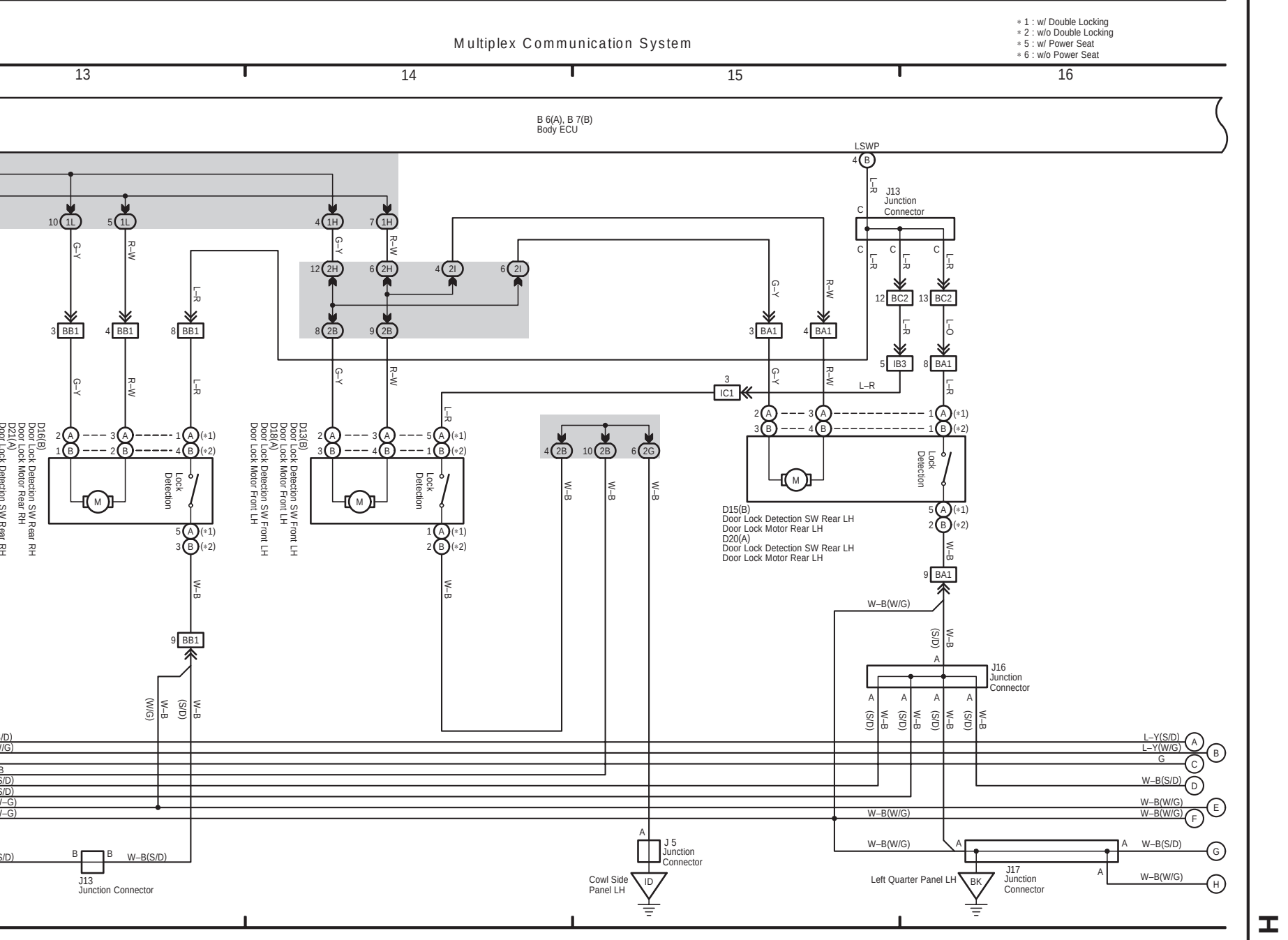
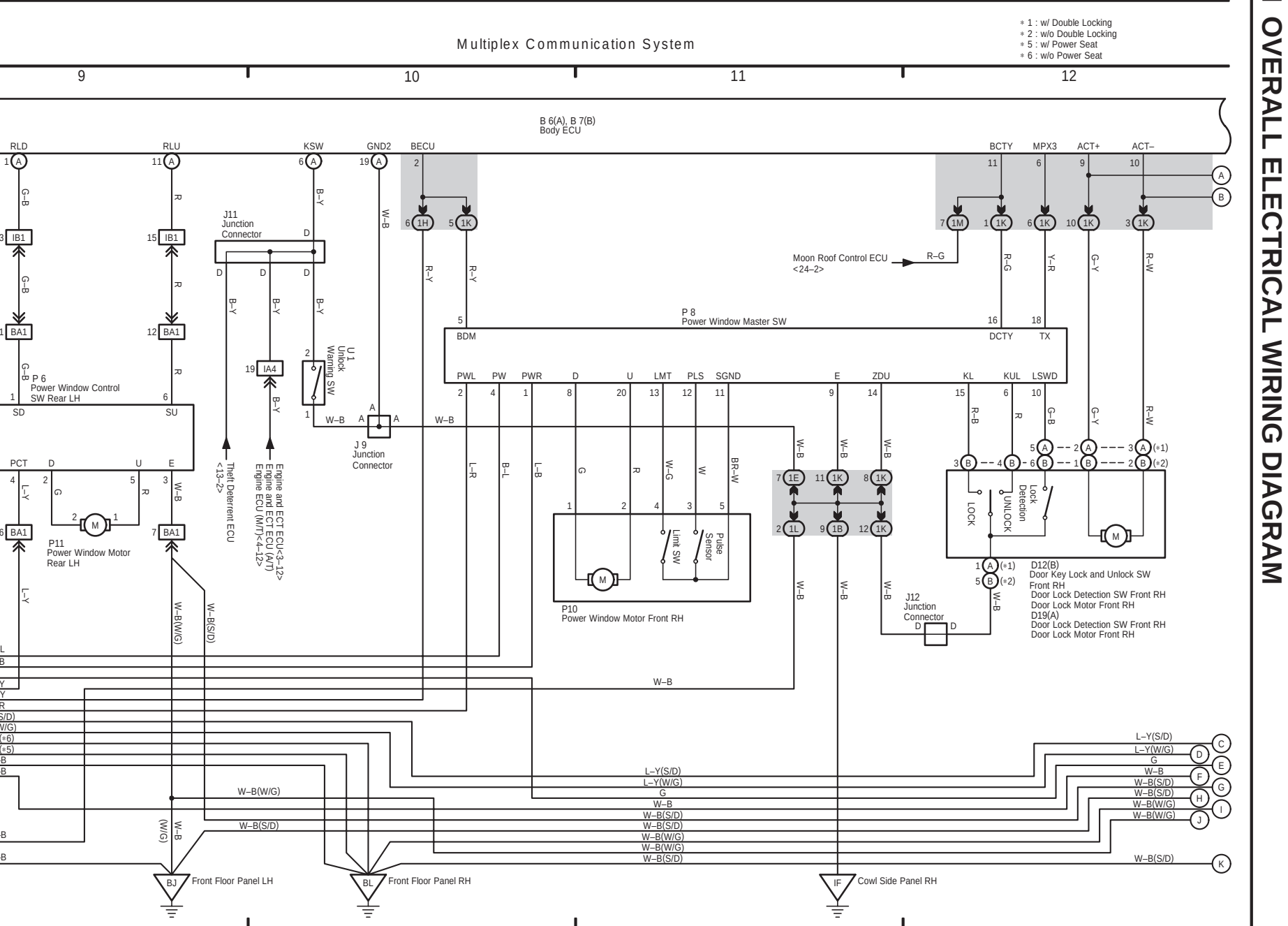
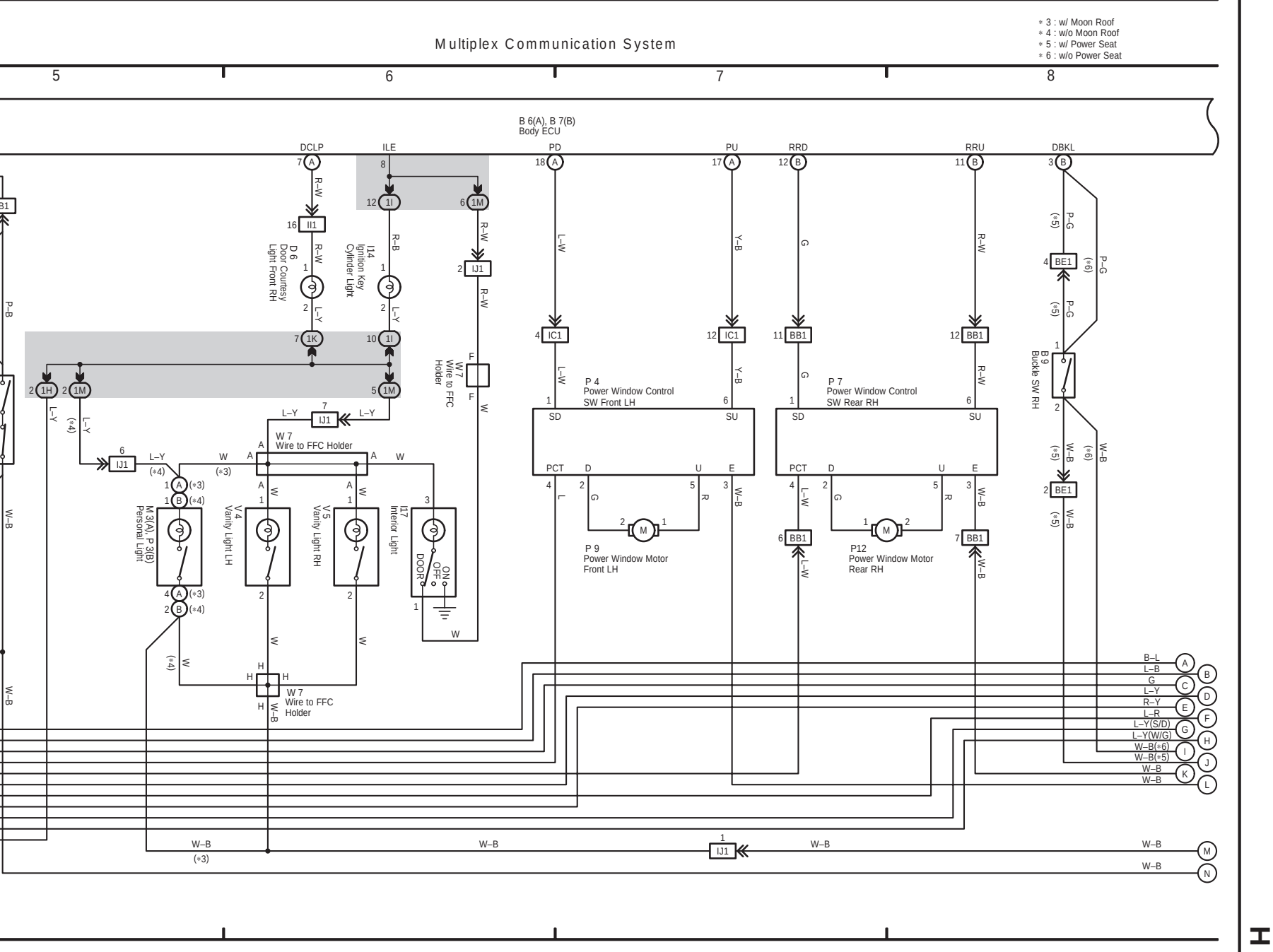
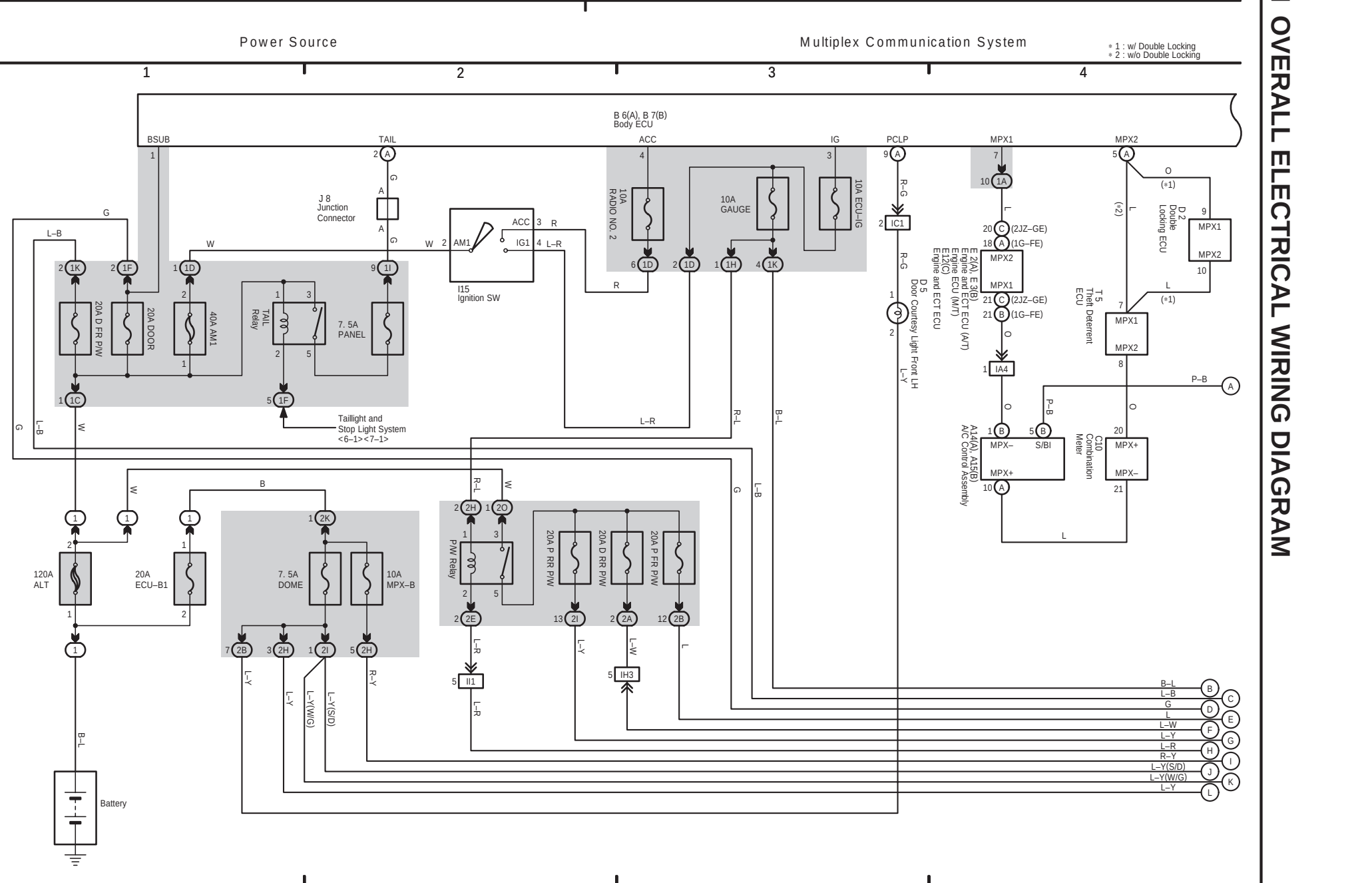
8 IS 300 / 200 (RHD)

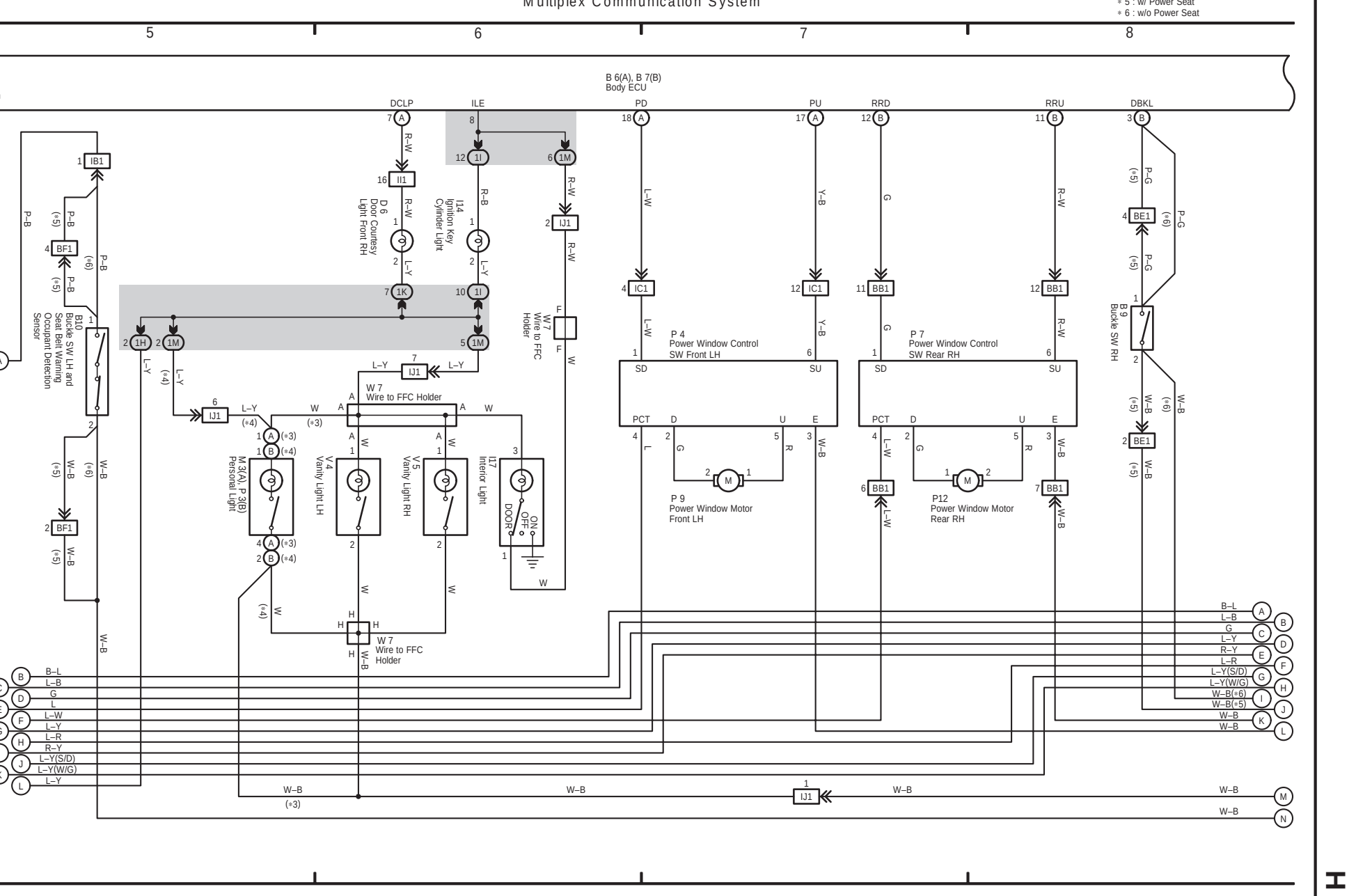
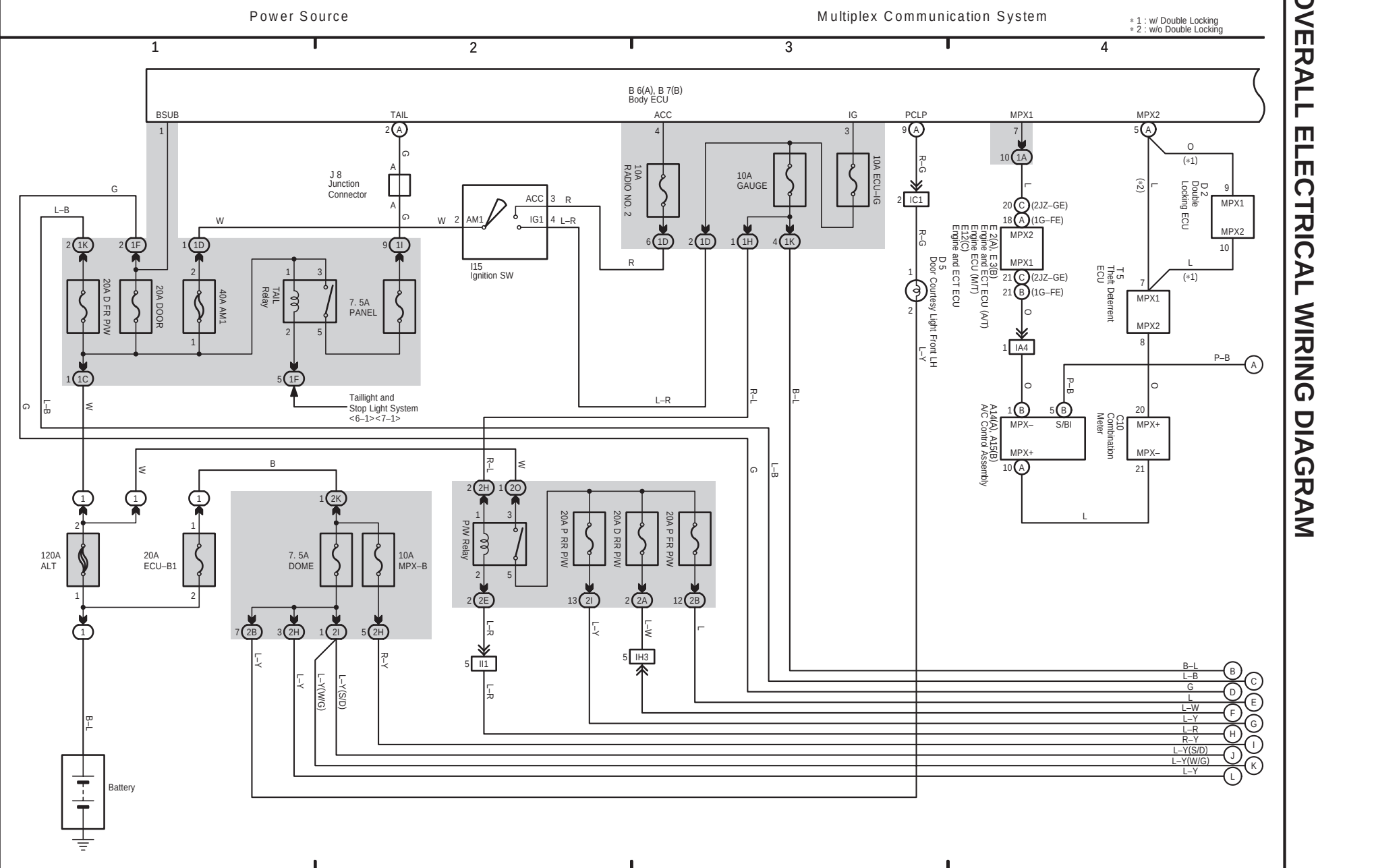




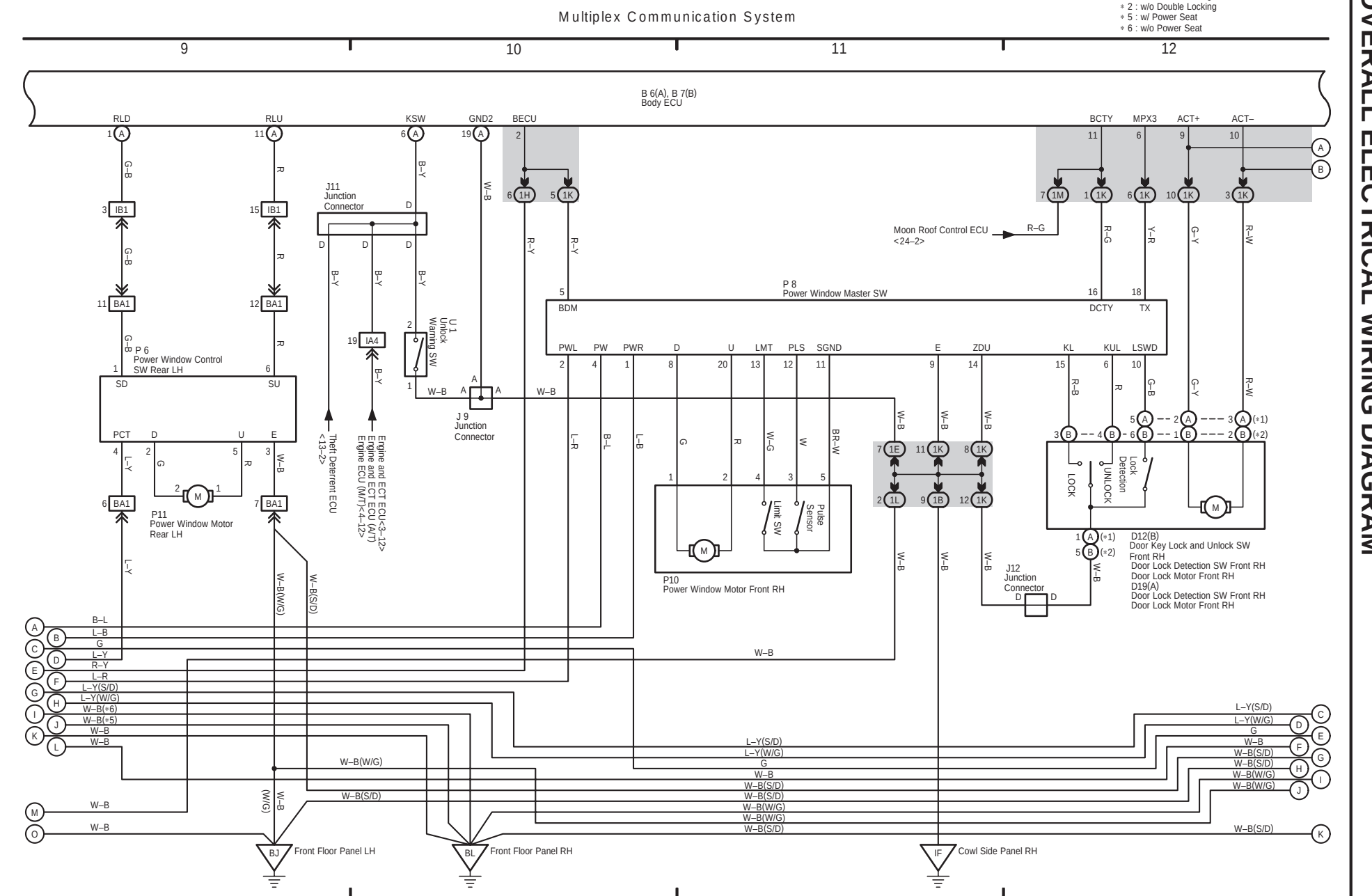




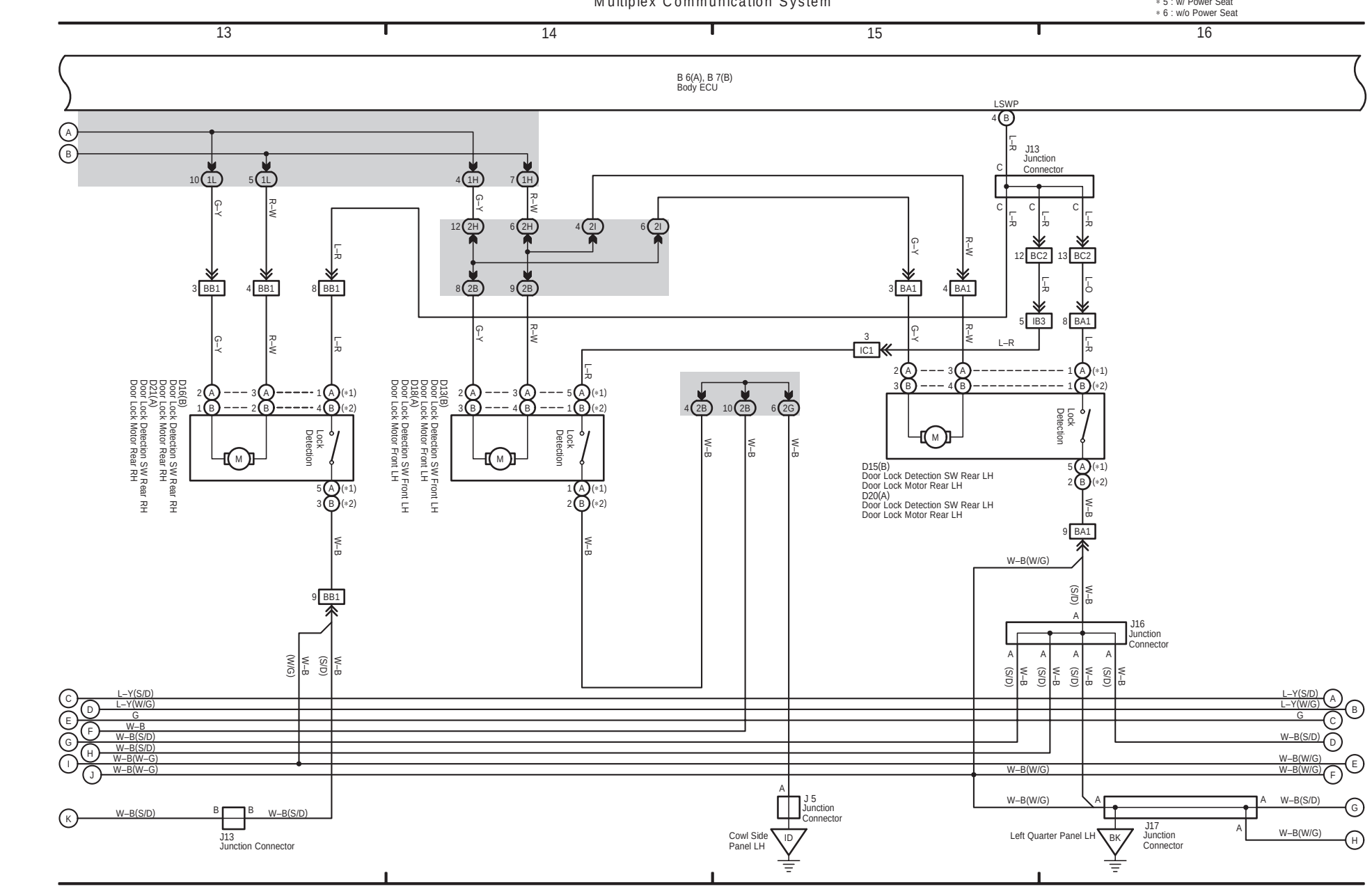




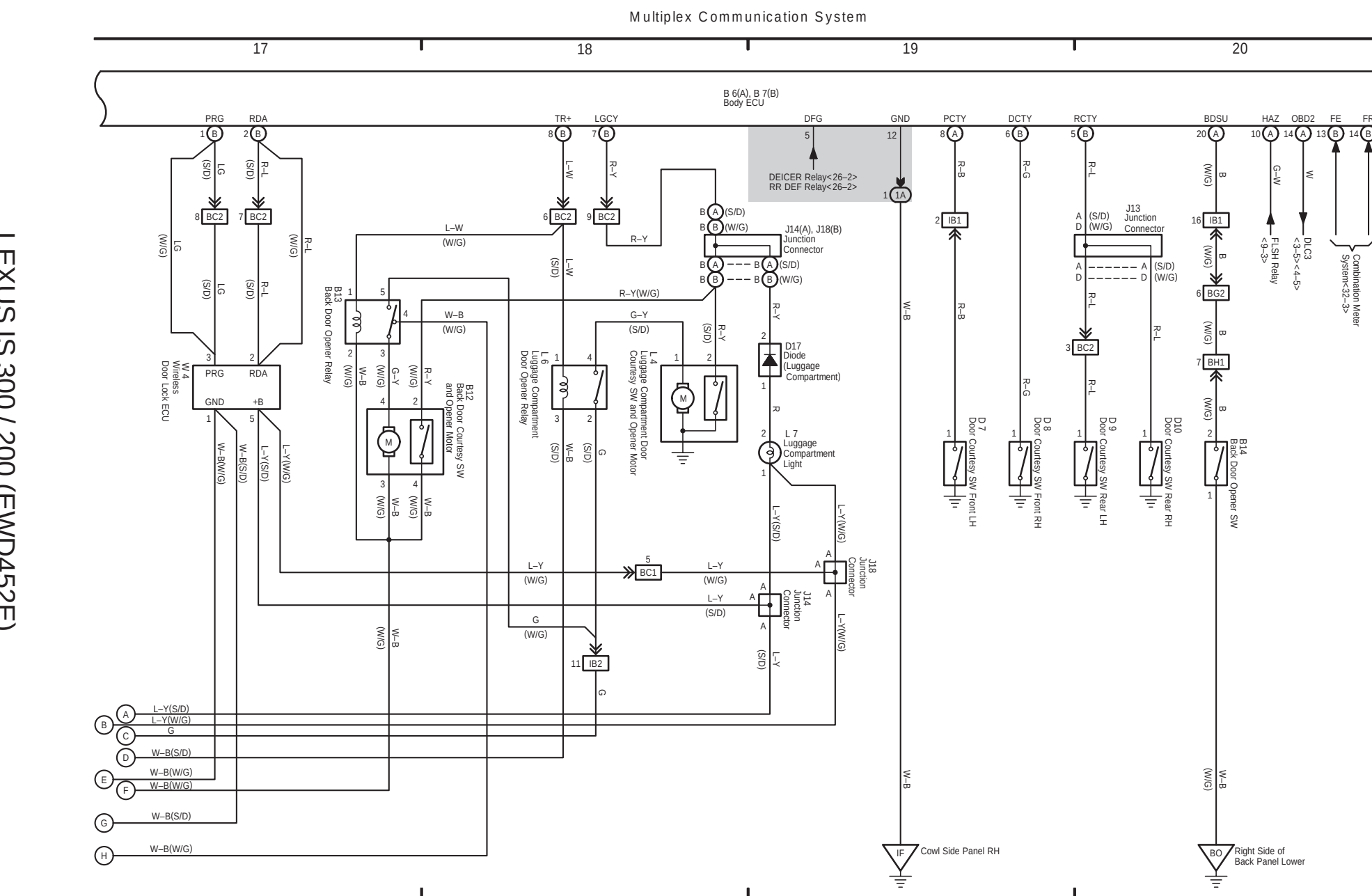
LEXUS IS 300 / 200 (EWD452E)



LEXUS IS 300 / 200 (EWD452E)



LEXUS IS 300 / 200 (EWD452E)



LEXUS IS 300 / 200 (EWD452E)

## 171

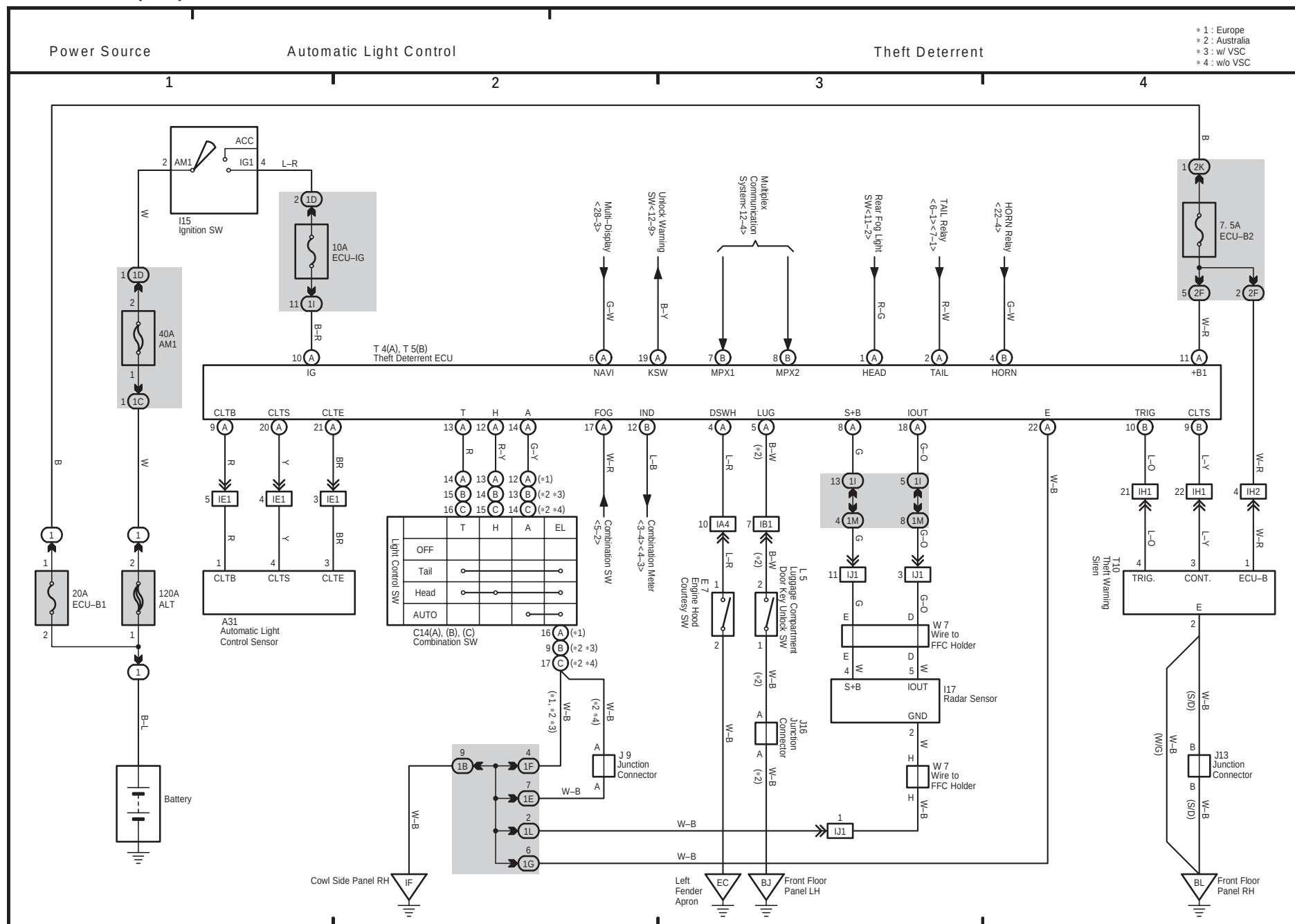


## I

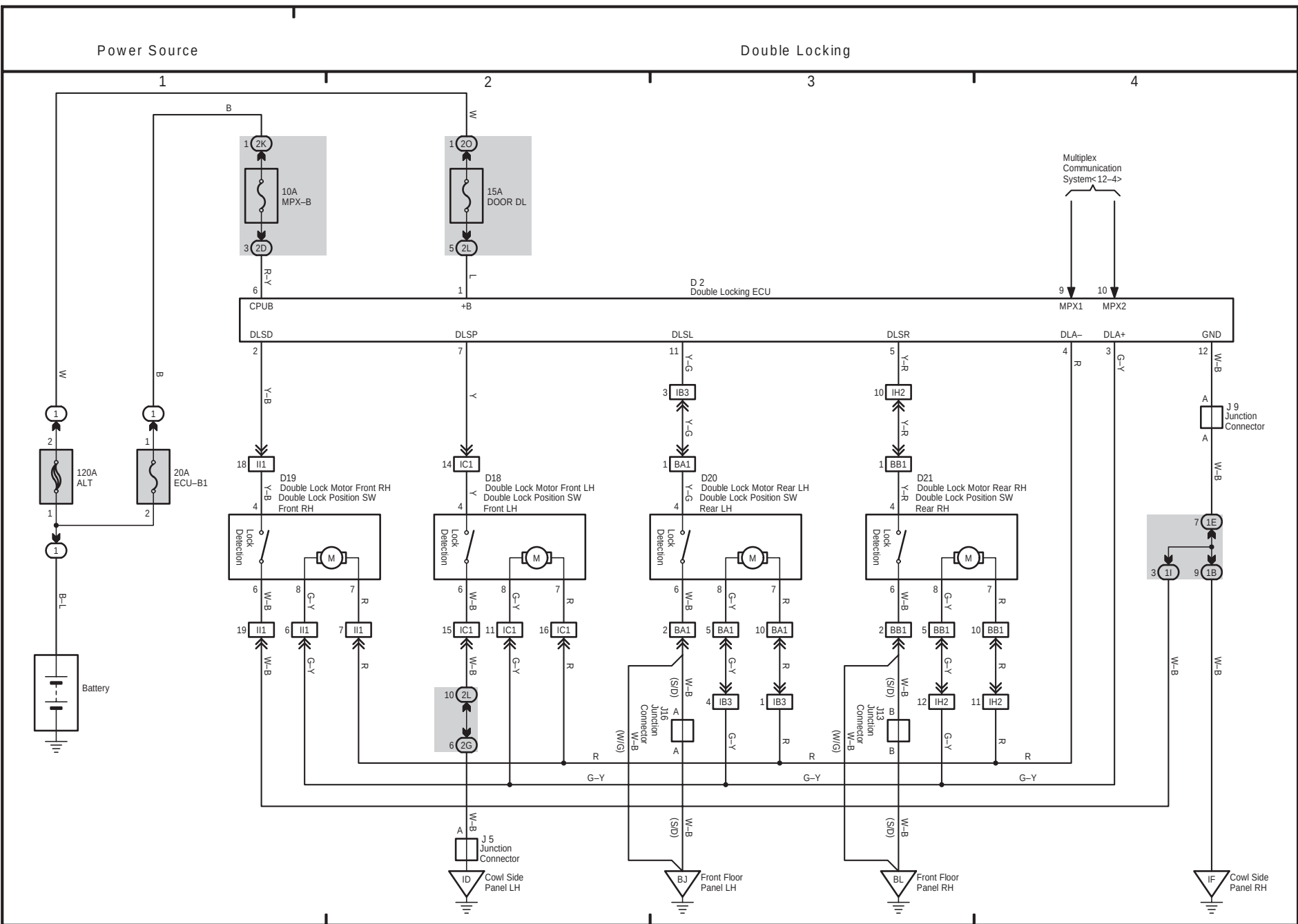


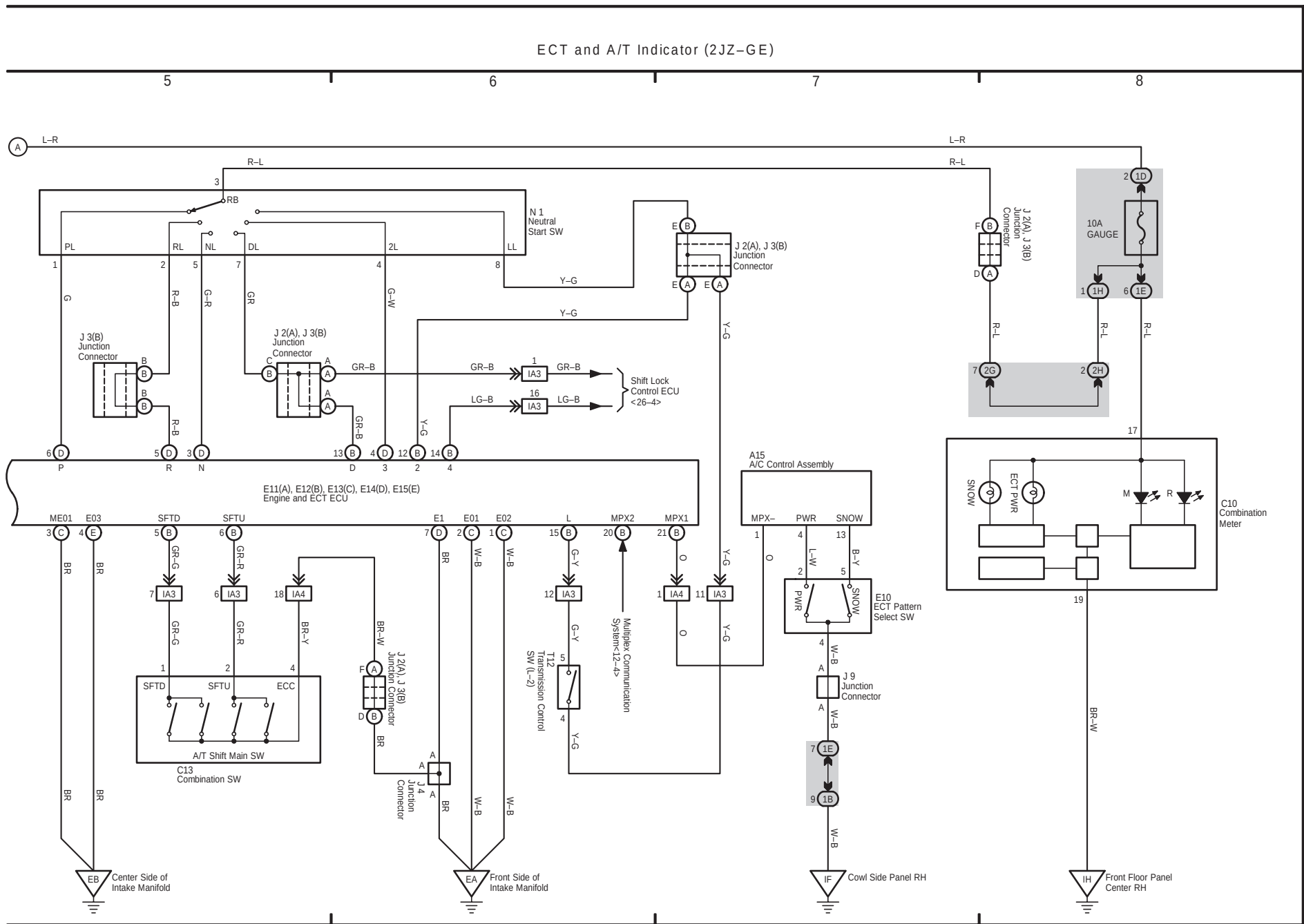
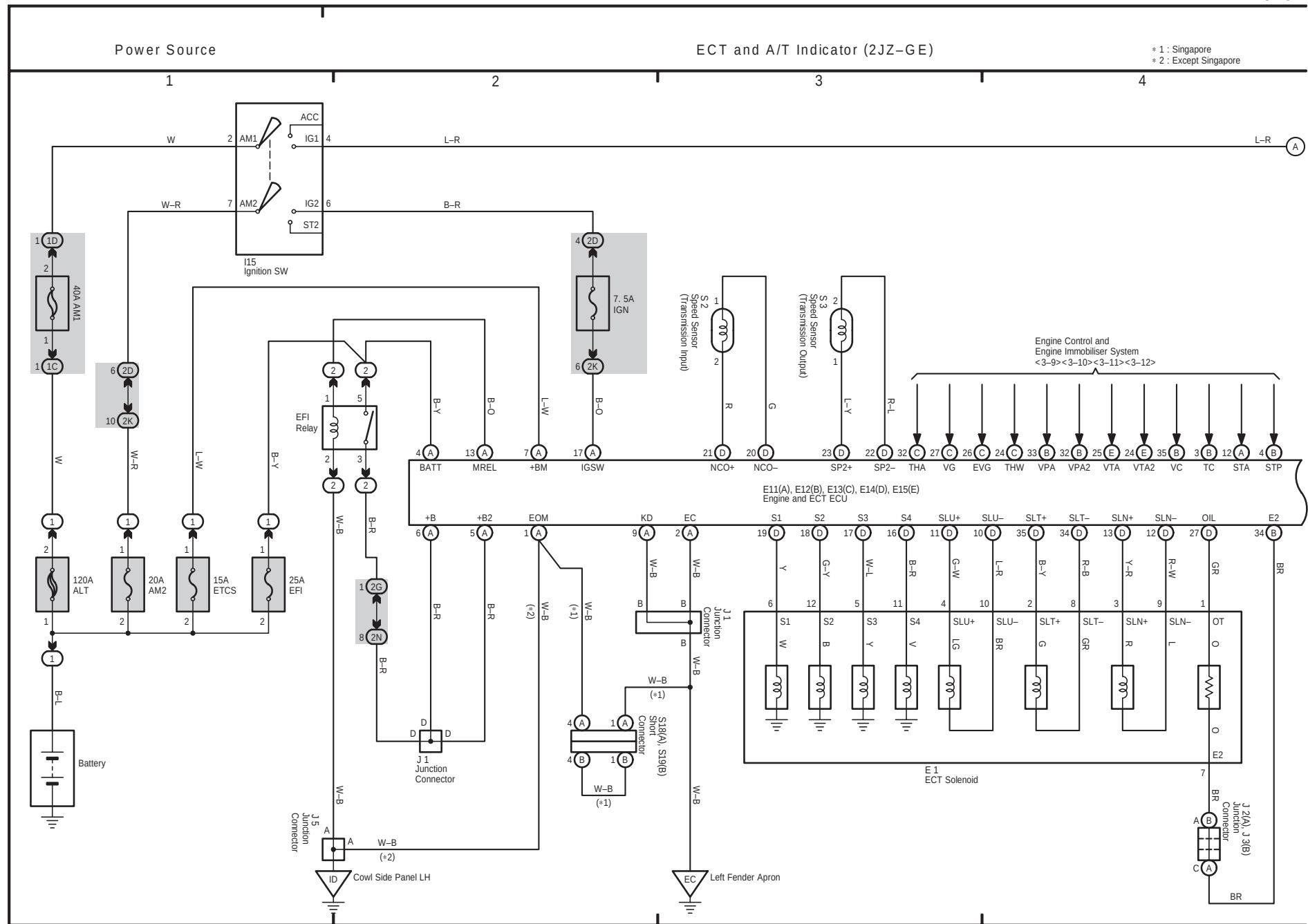
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14 IS 300 / 200 (RHD)

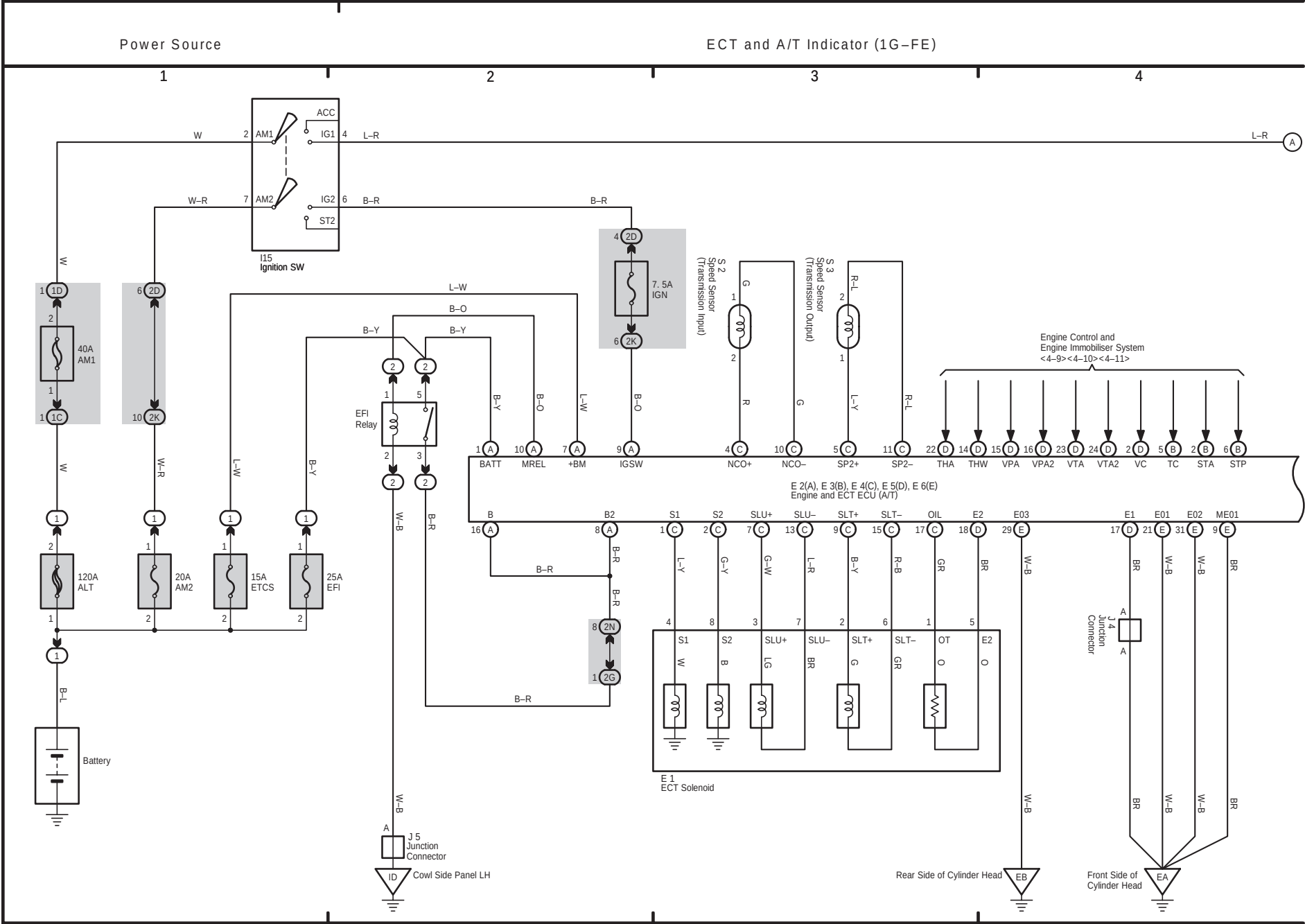




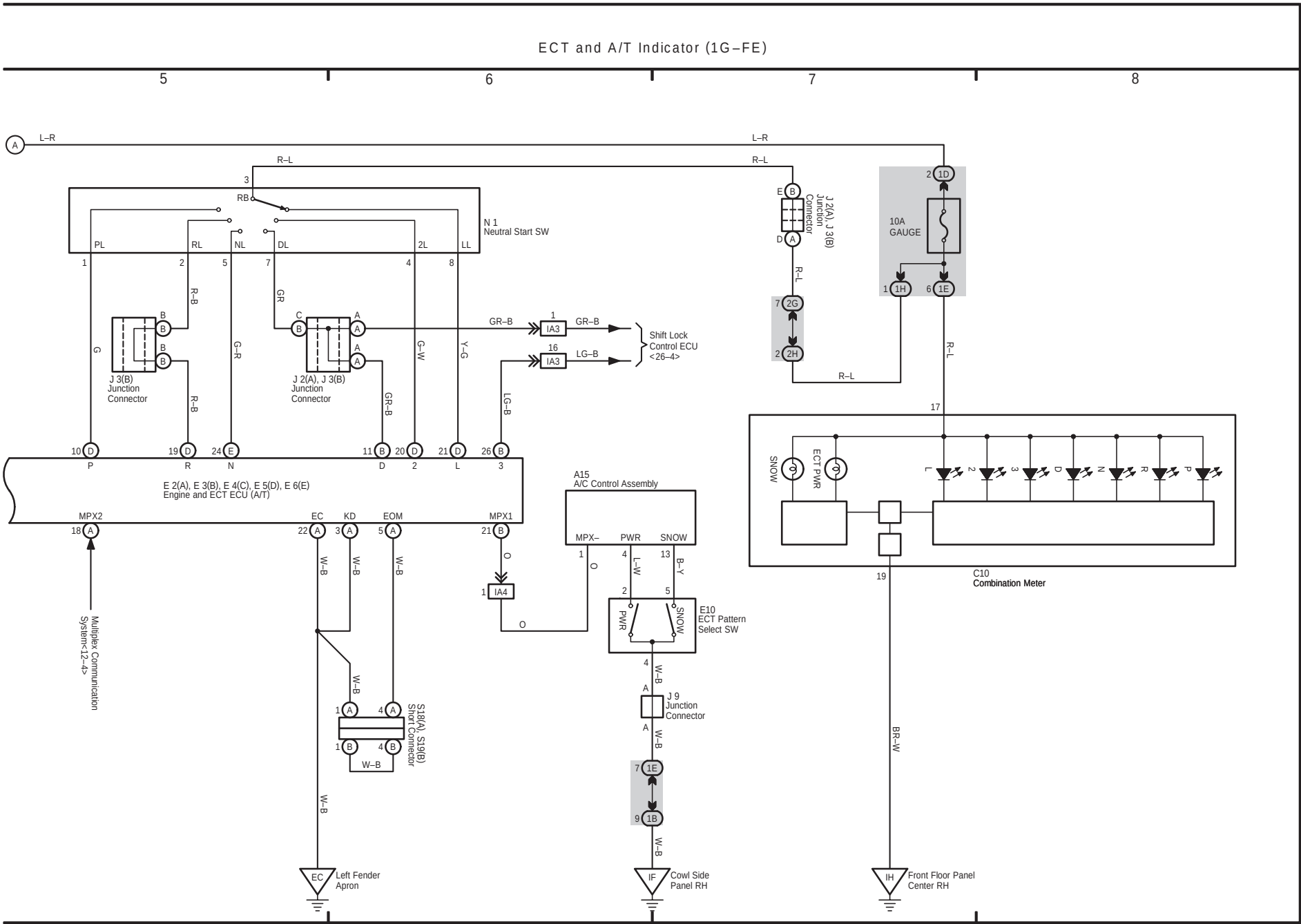
16 IS 300 / 200 (RHD)

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H OVERALL ELECTRICAL WIRING DIAGRAM



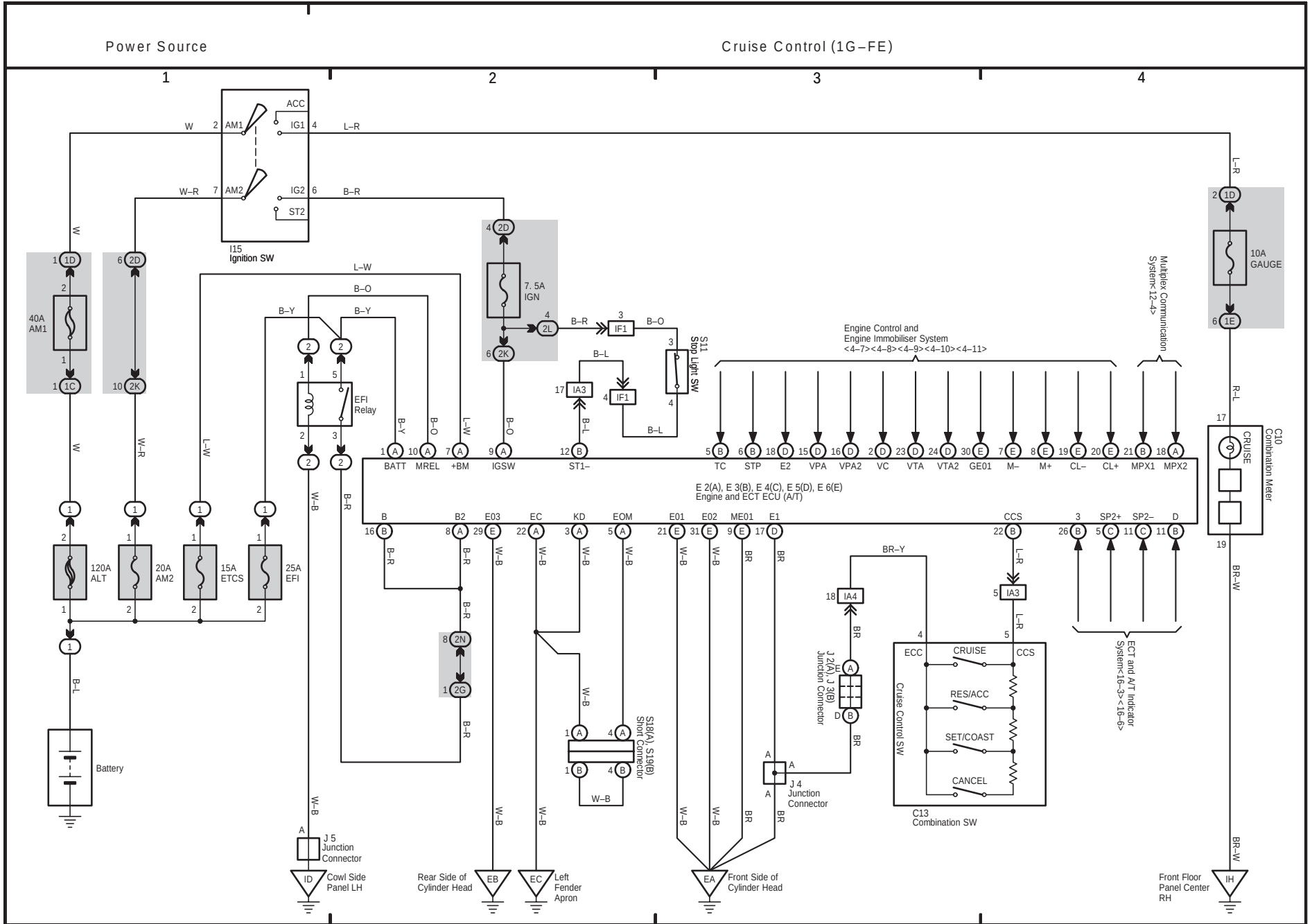
16 IS 300 / 200 (RHD) (Cont' d)

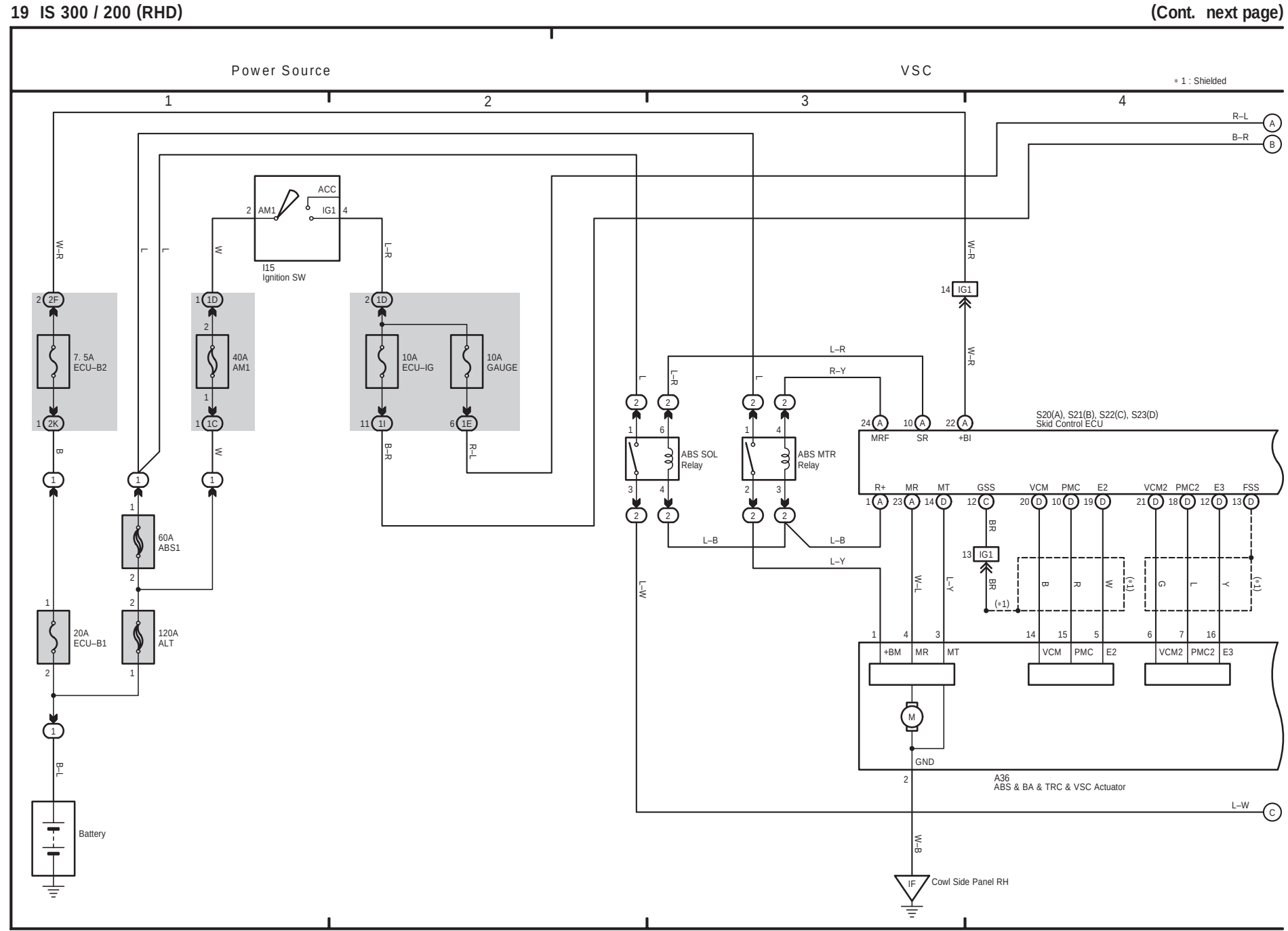


LEXUS IS 300 / 200 (EWD452E)

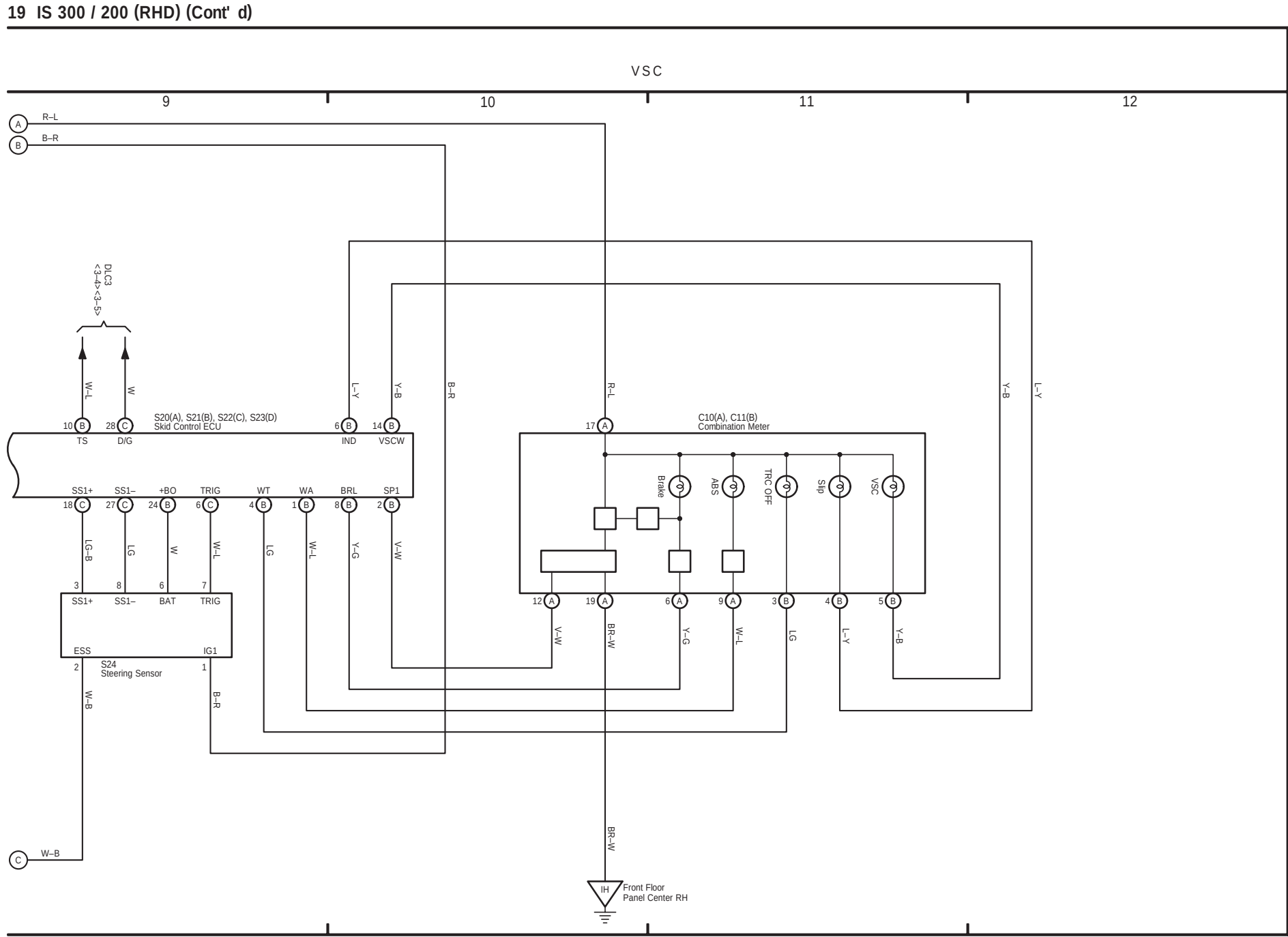
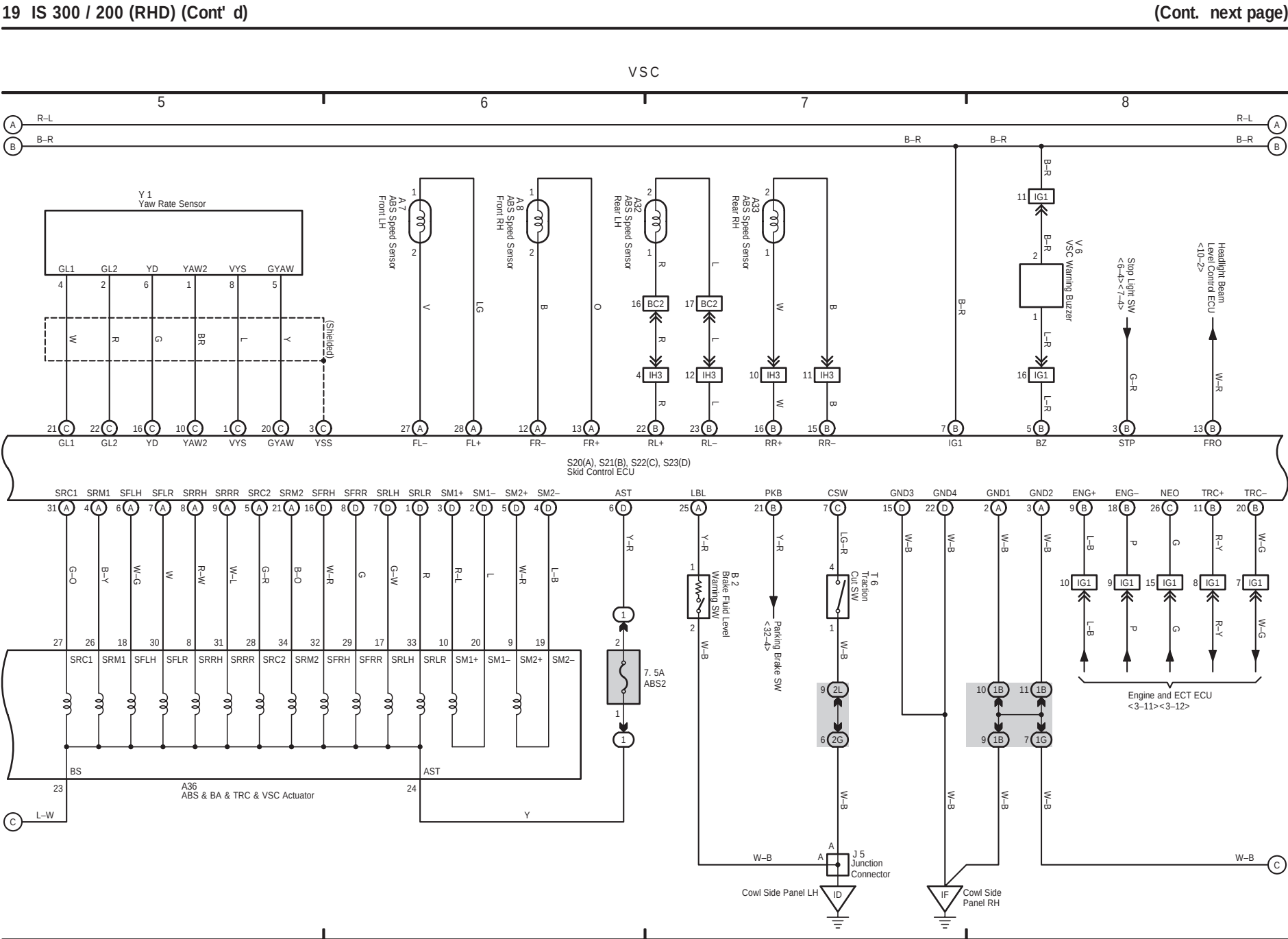
LEXUS IS 300 / 200 (EWD452E)



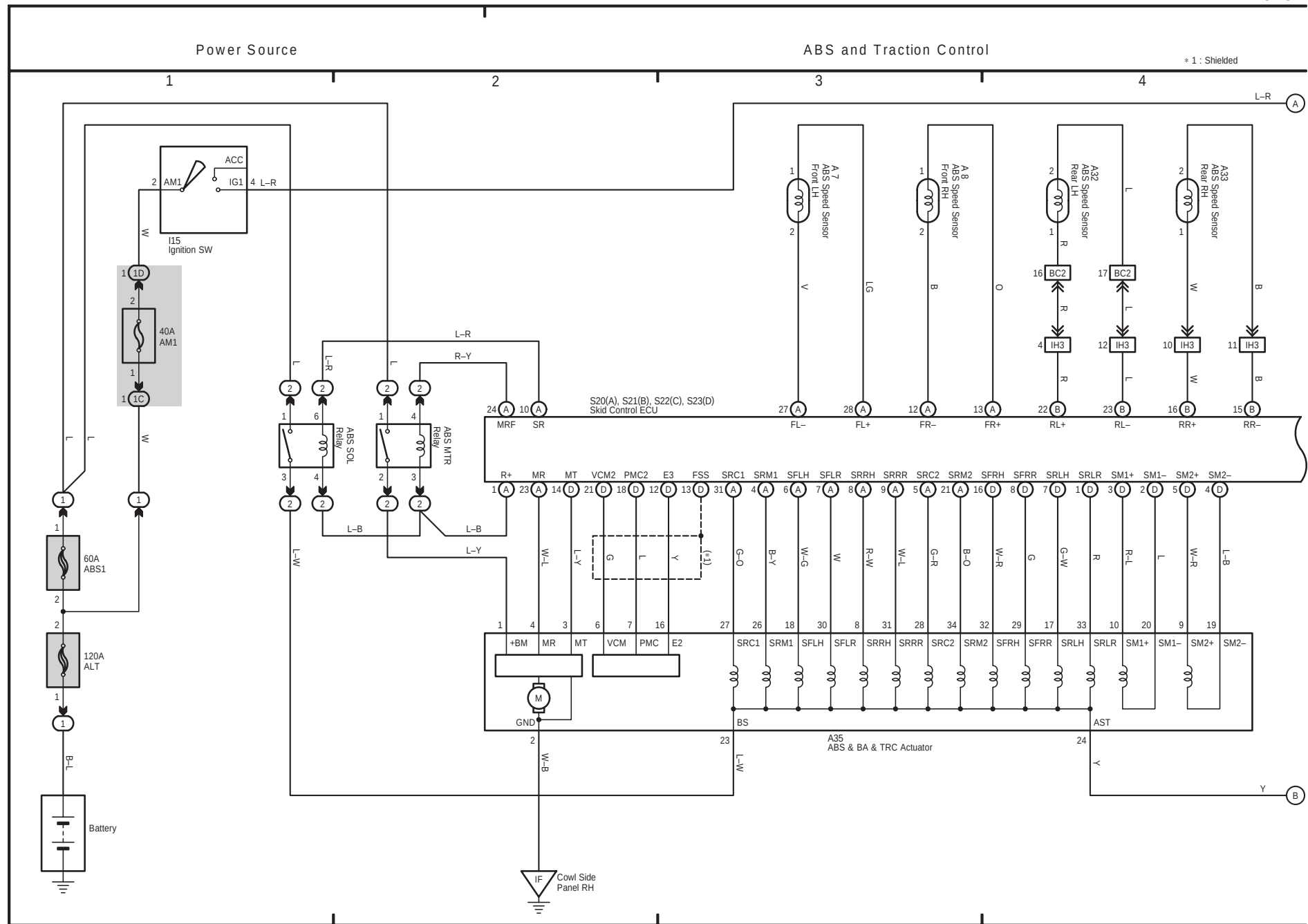




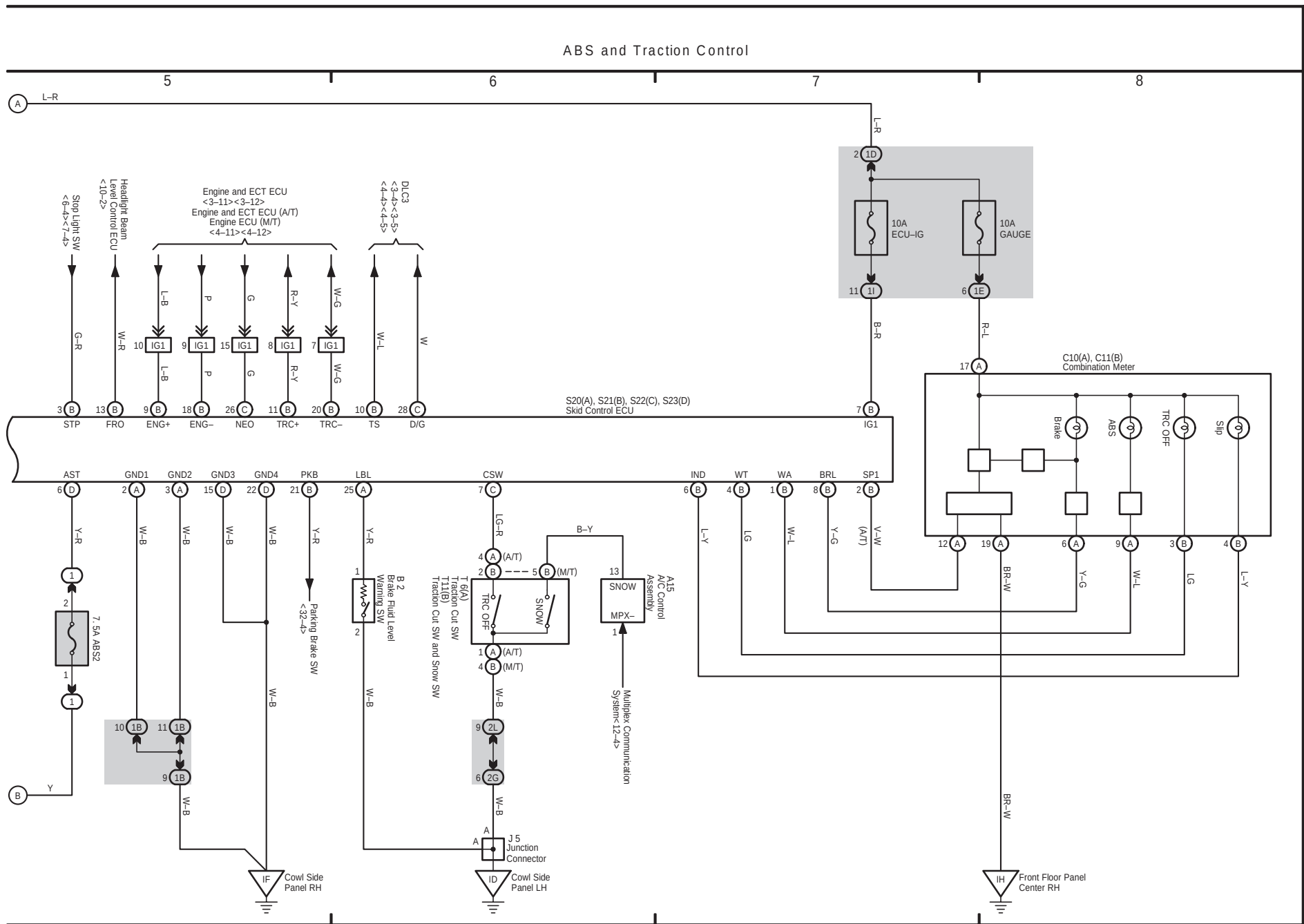
H OVERALL ELECTRICAL WIRING DIAGRAM



H OVERALL ELECTRICAL WIRING DIAGRAM

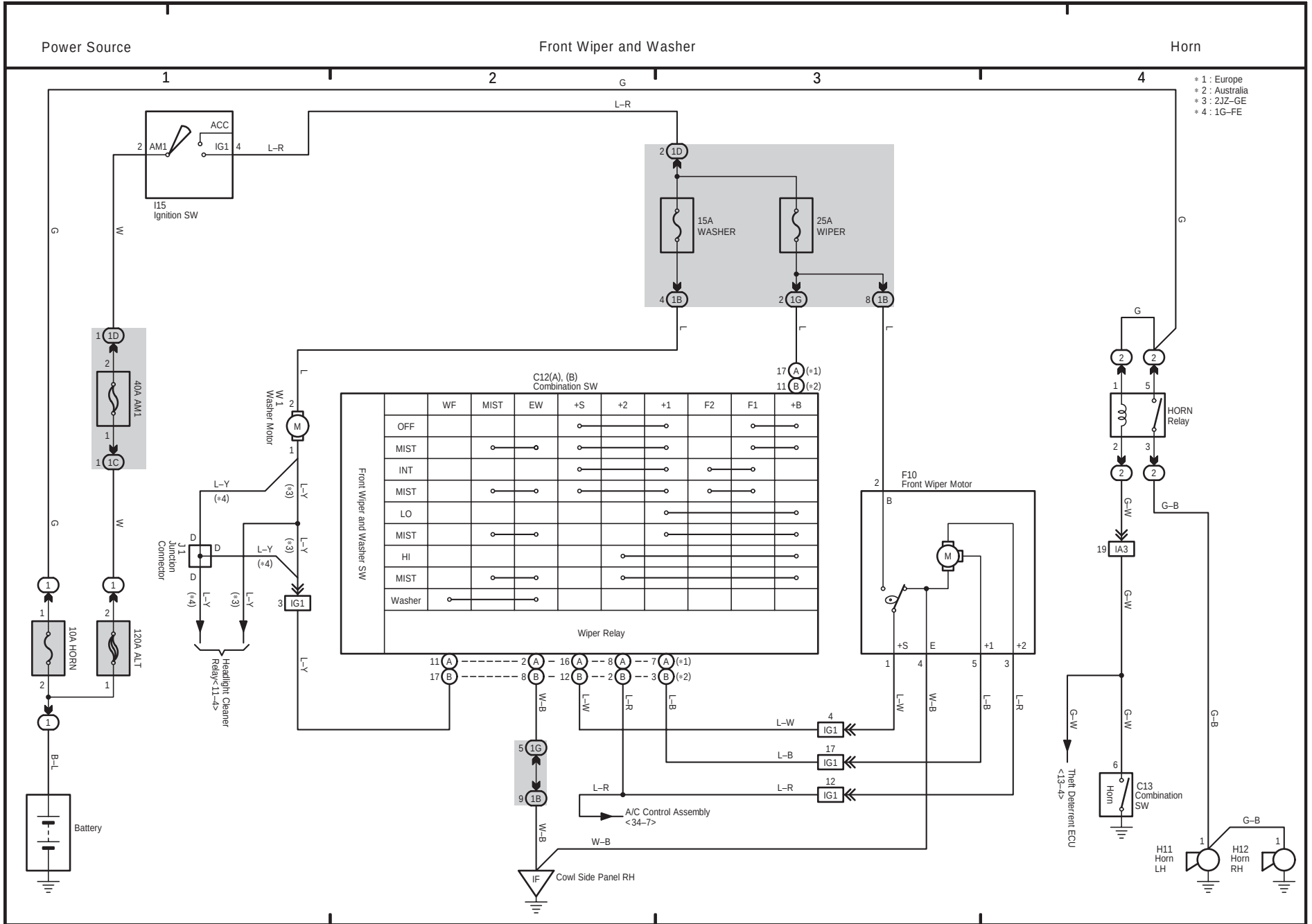


## OVERALL ELECTRICAL WIRING DIAGRAM

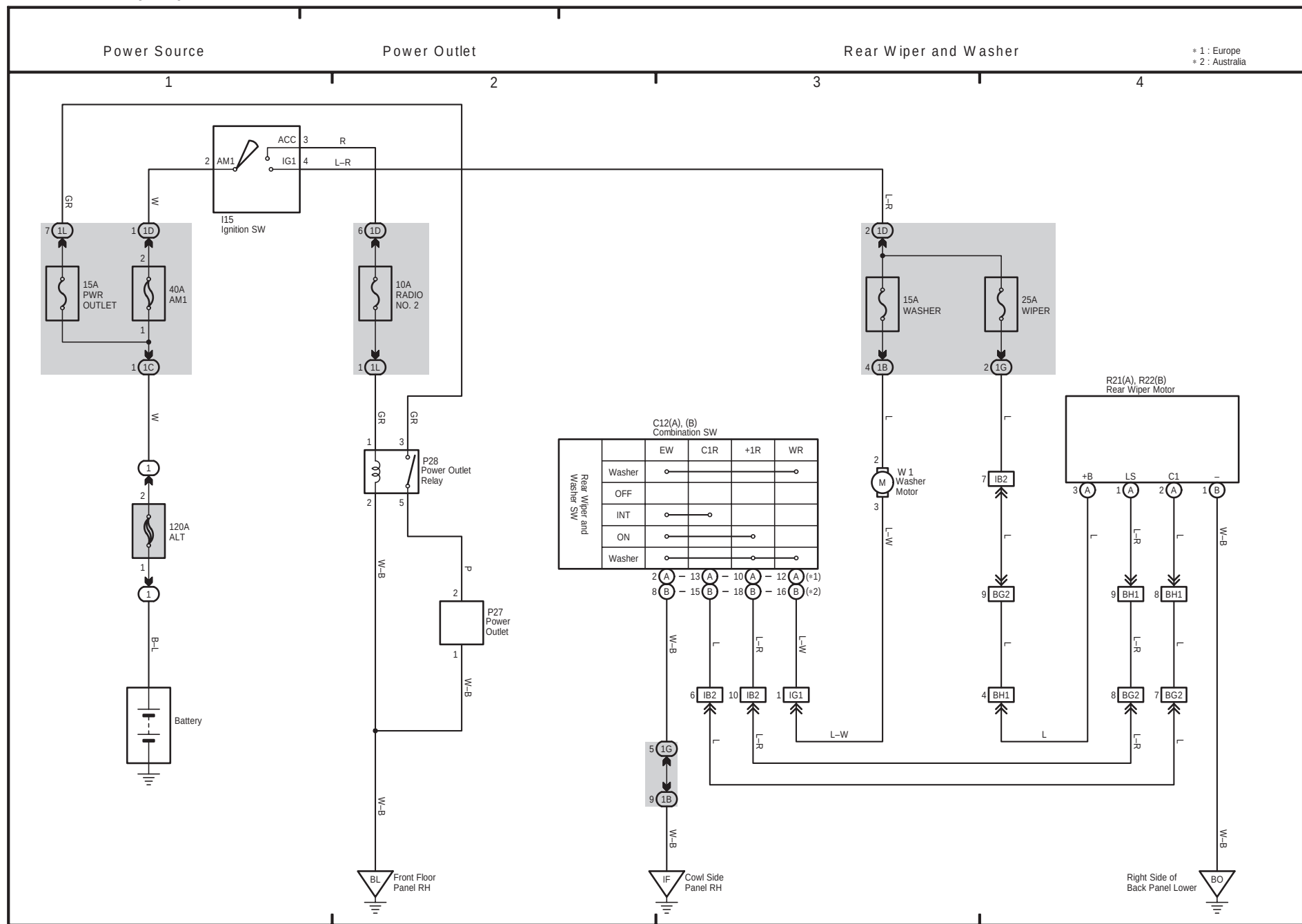


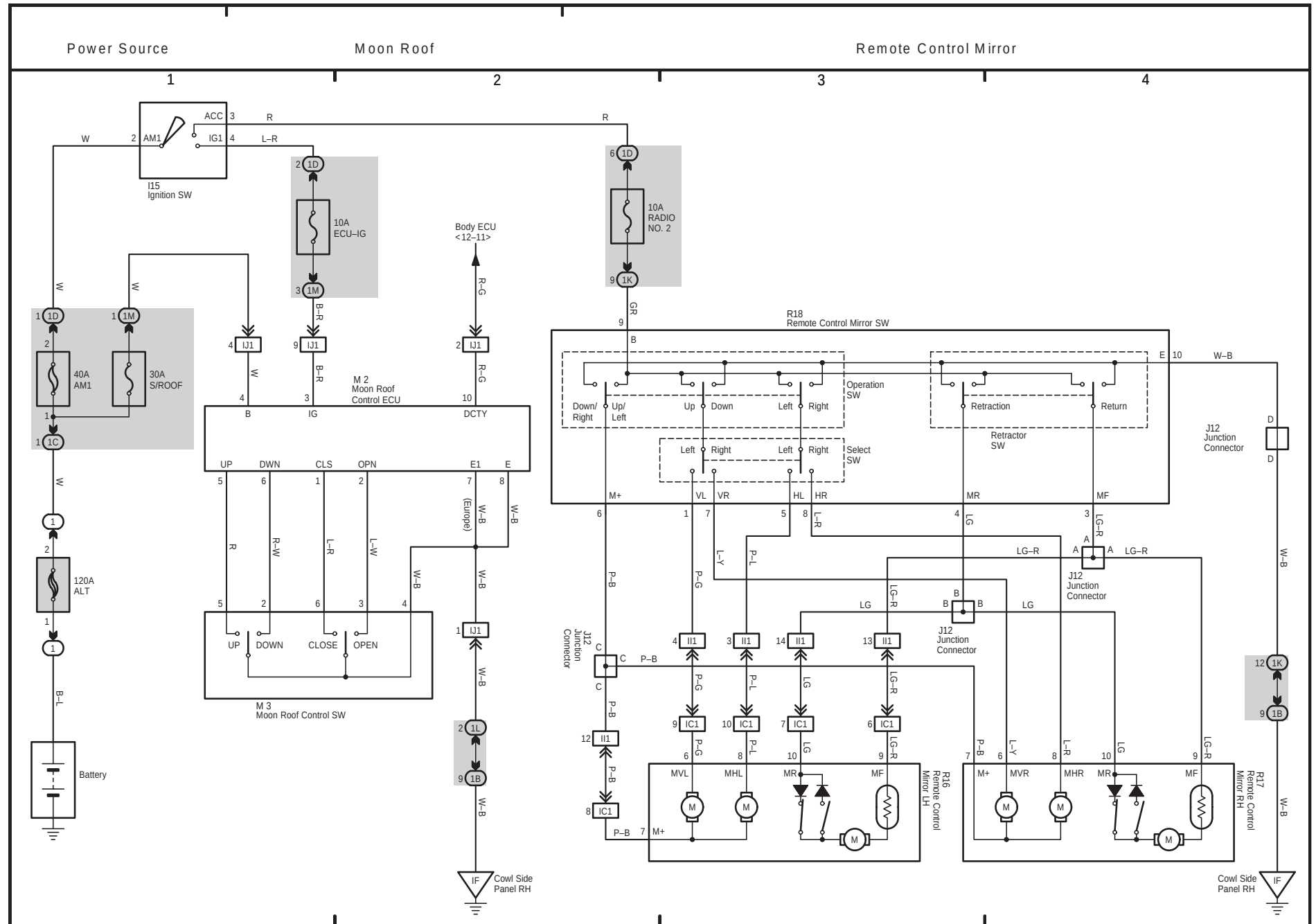
SRS





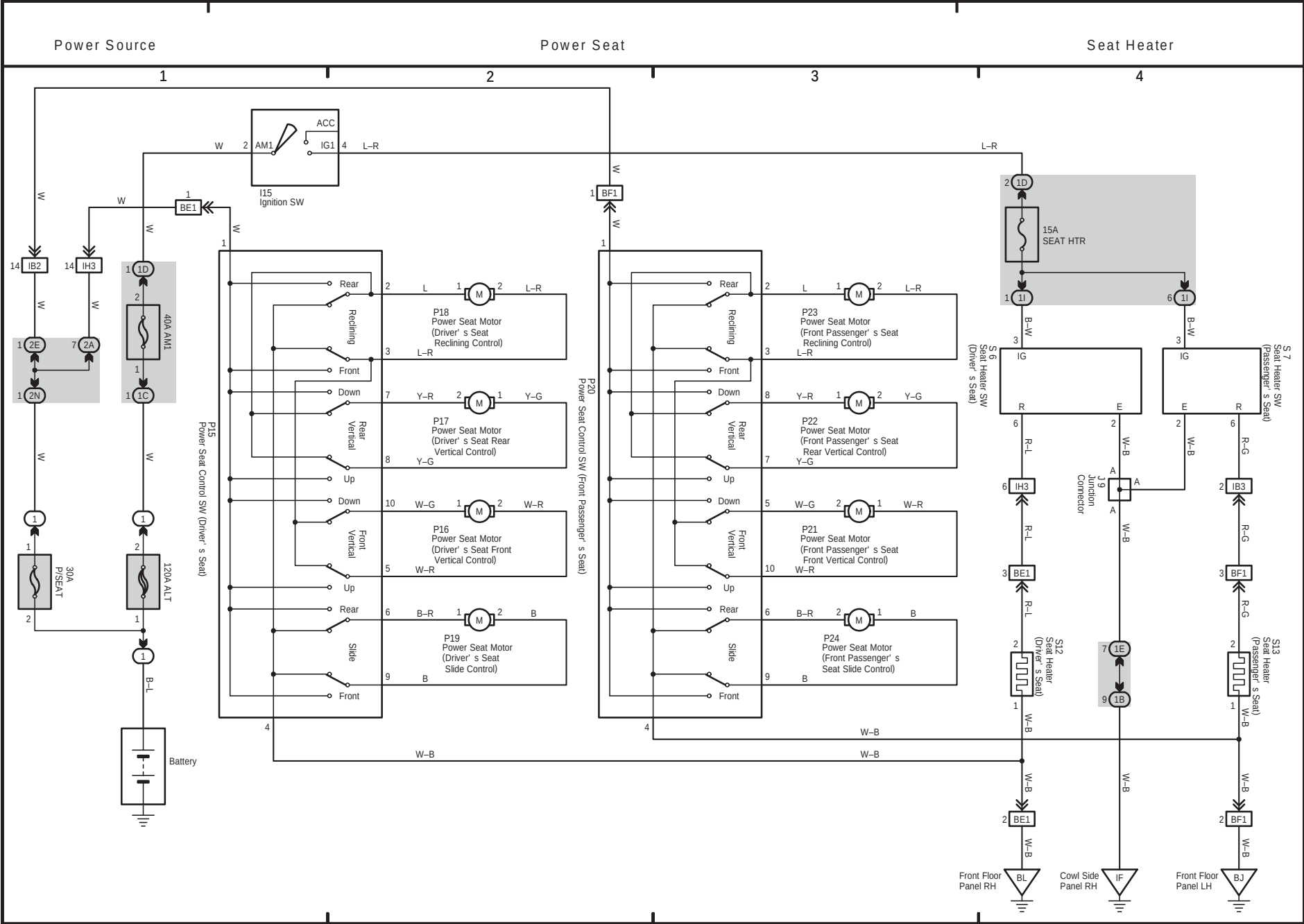
**23 IS 300 / 200 (RHD)**

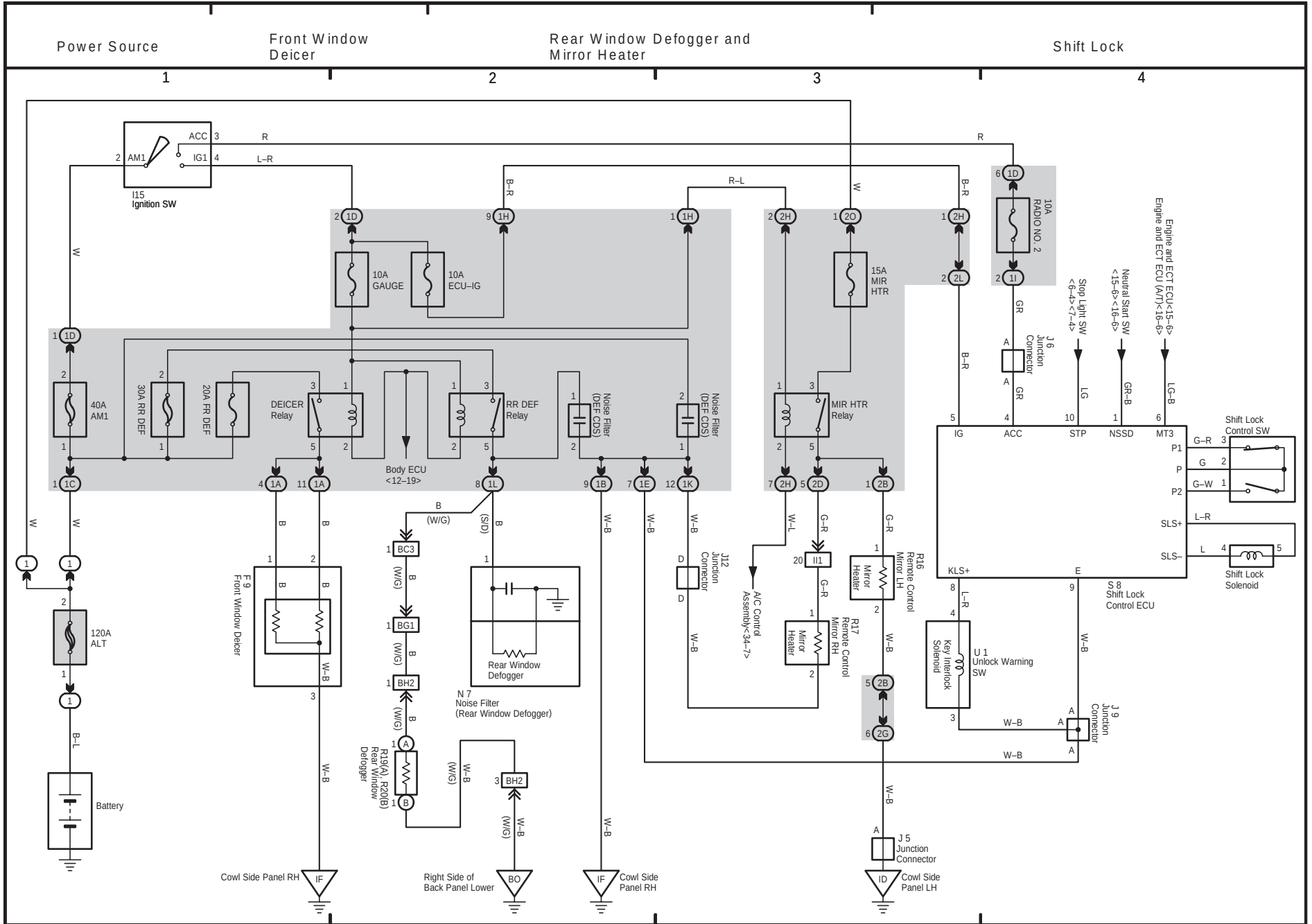


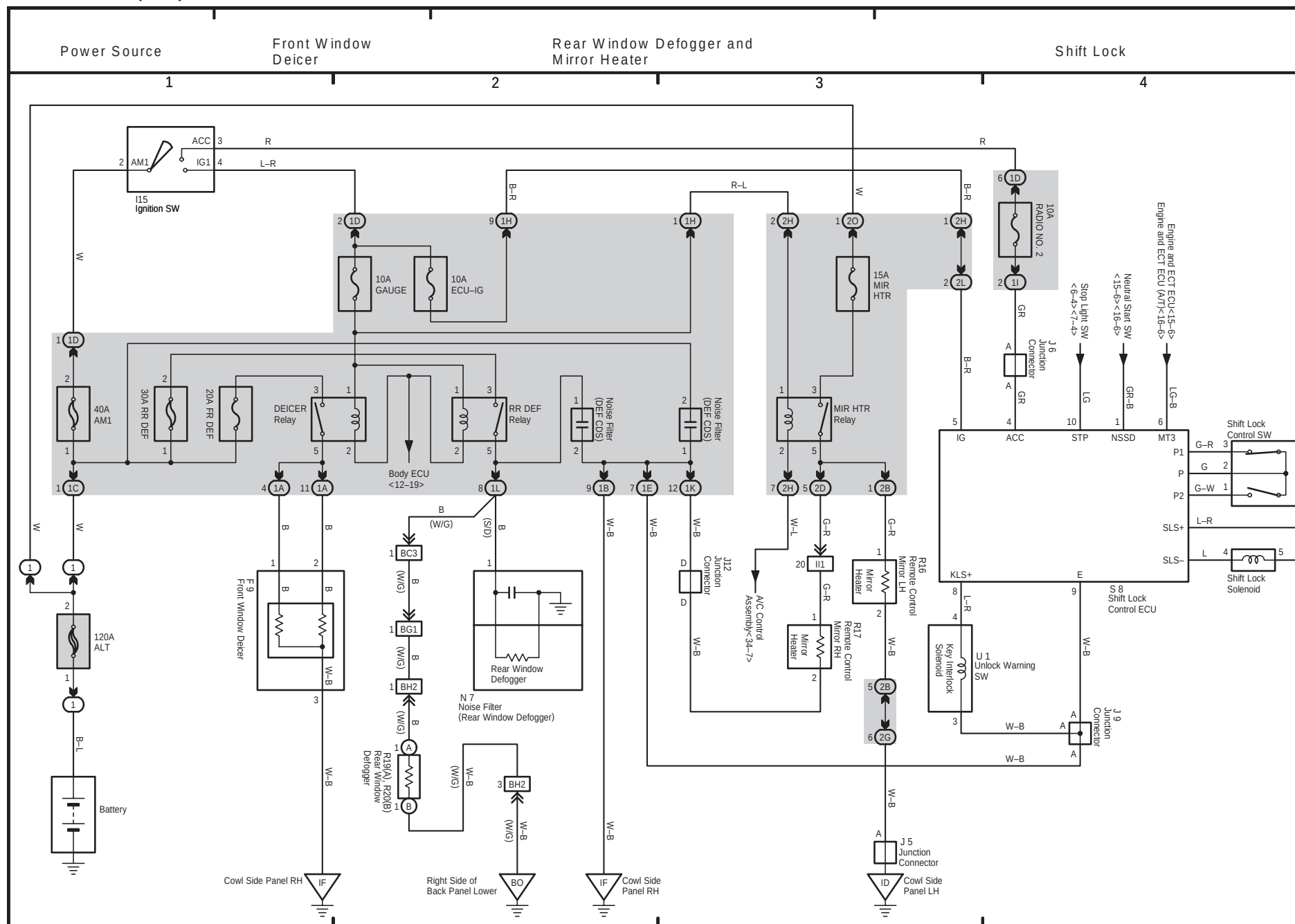


H OVERALL ELECTRICAL WIRING DIAGRAM

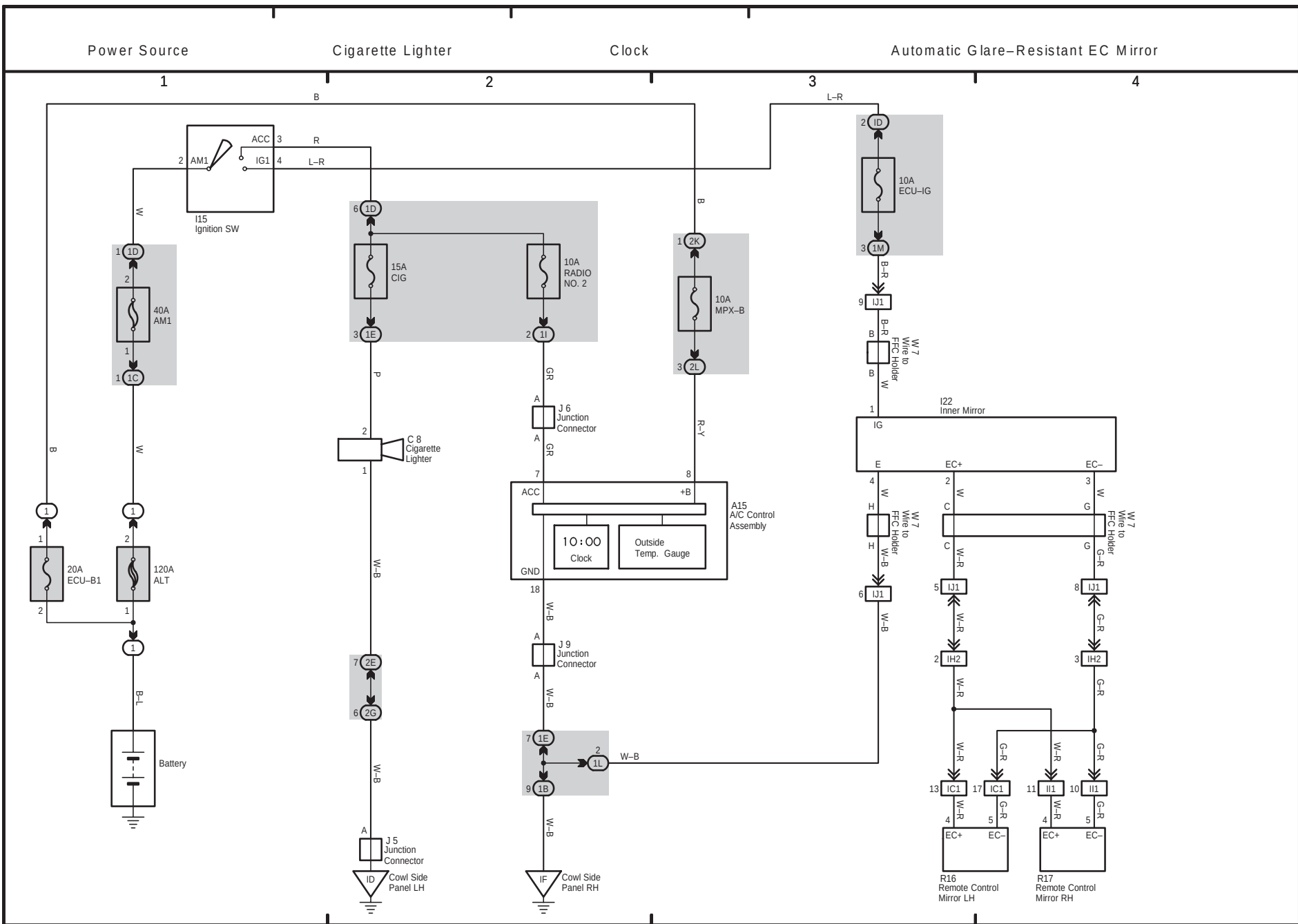
25 IS 300 / 200 (RHD)

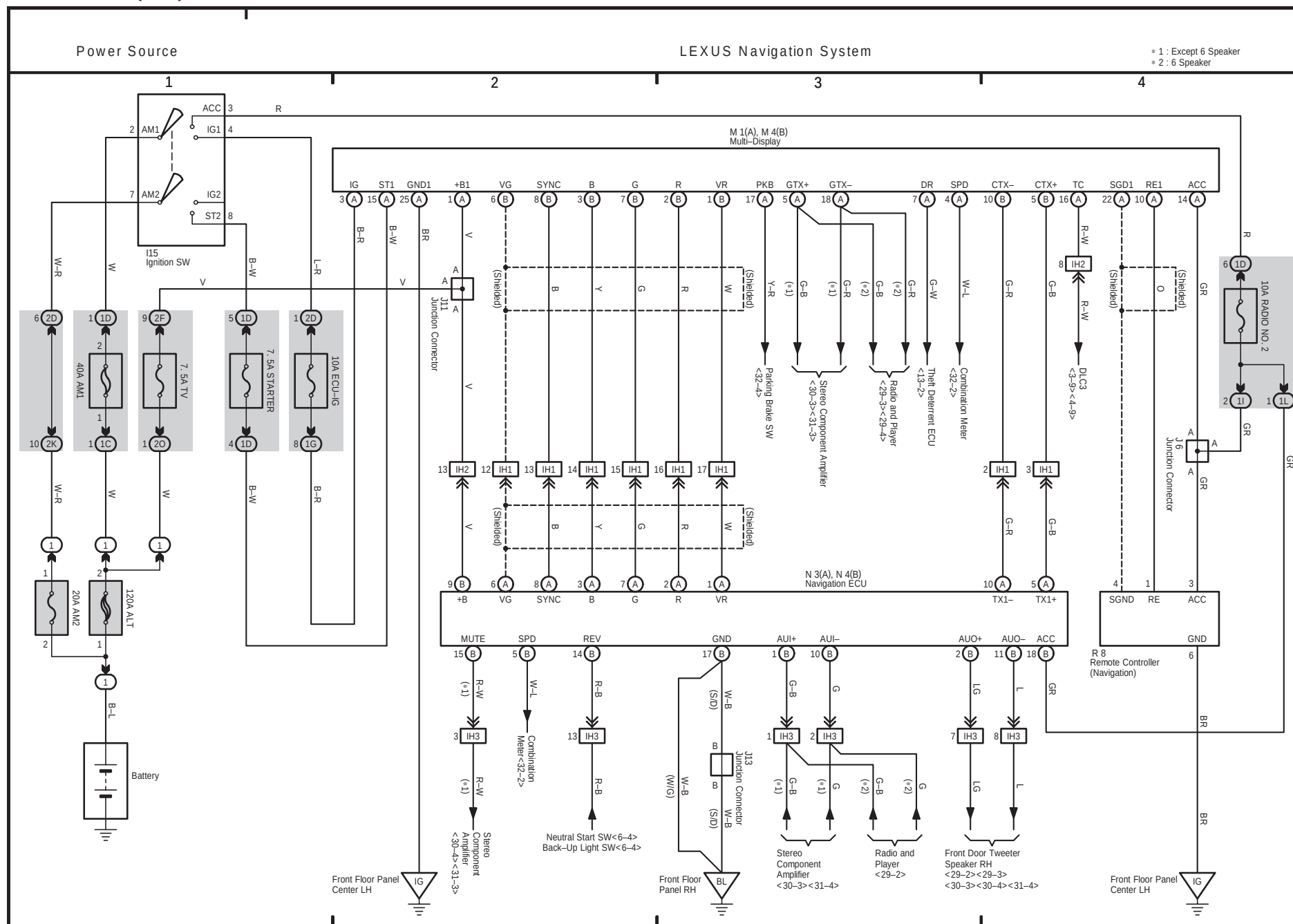


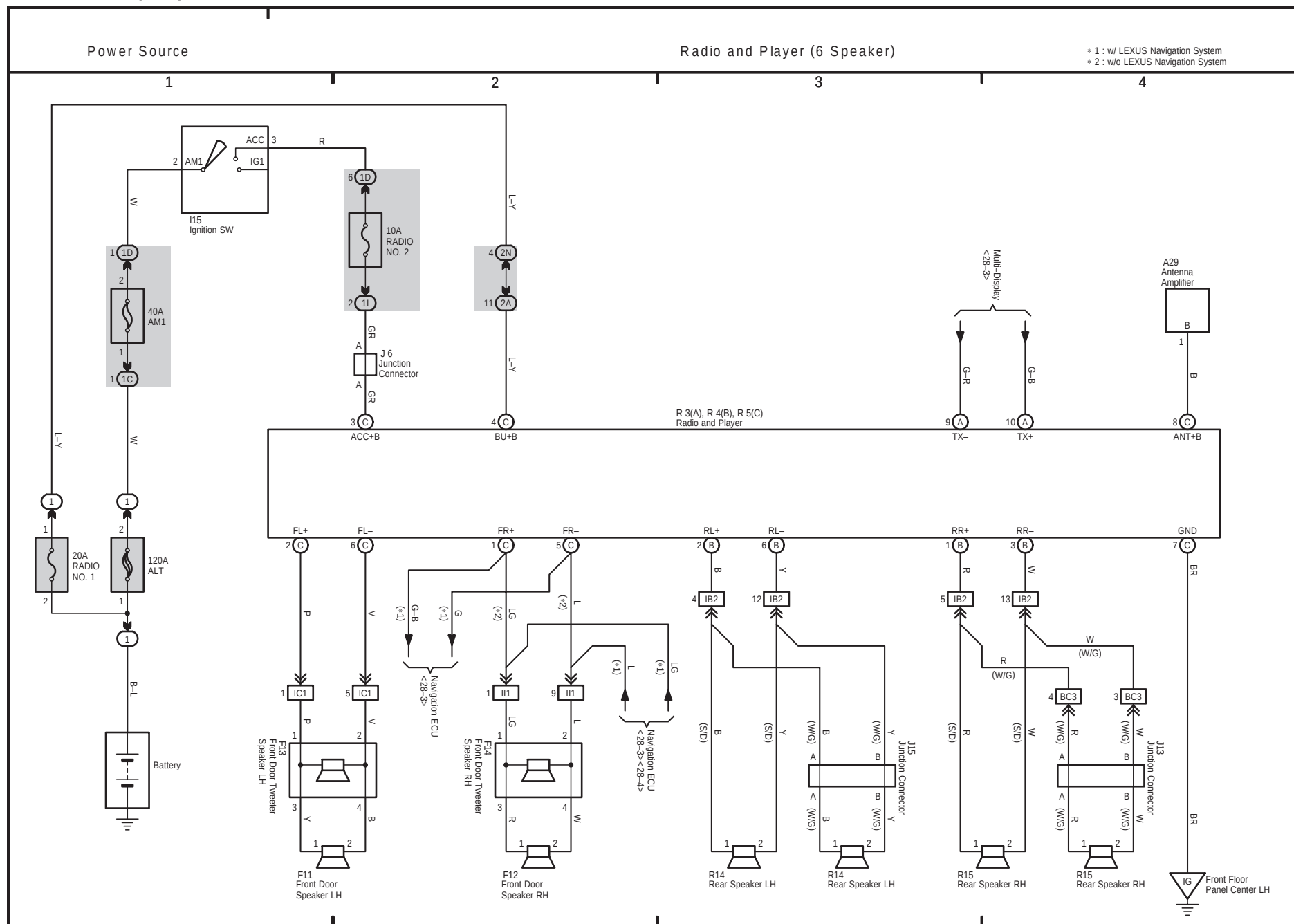




27 IS 300 / 200 (RHD)



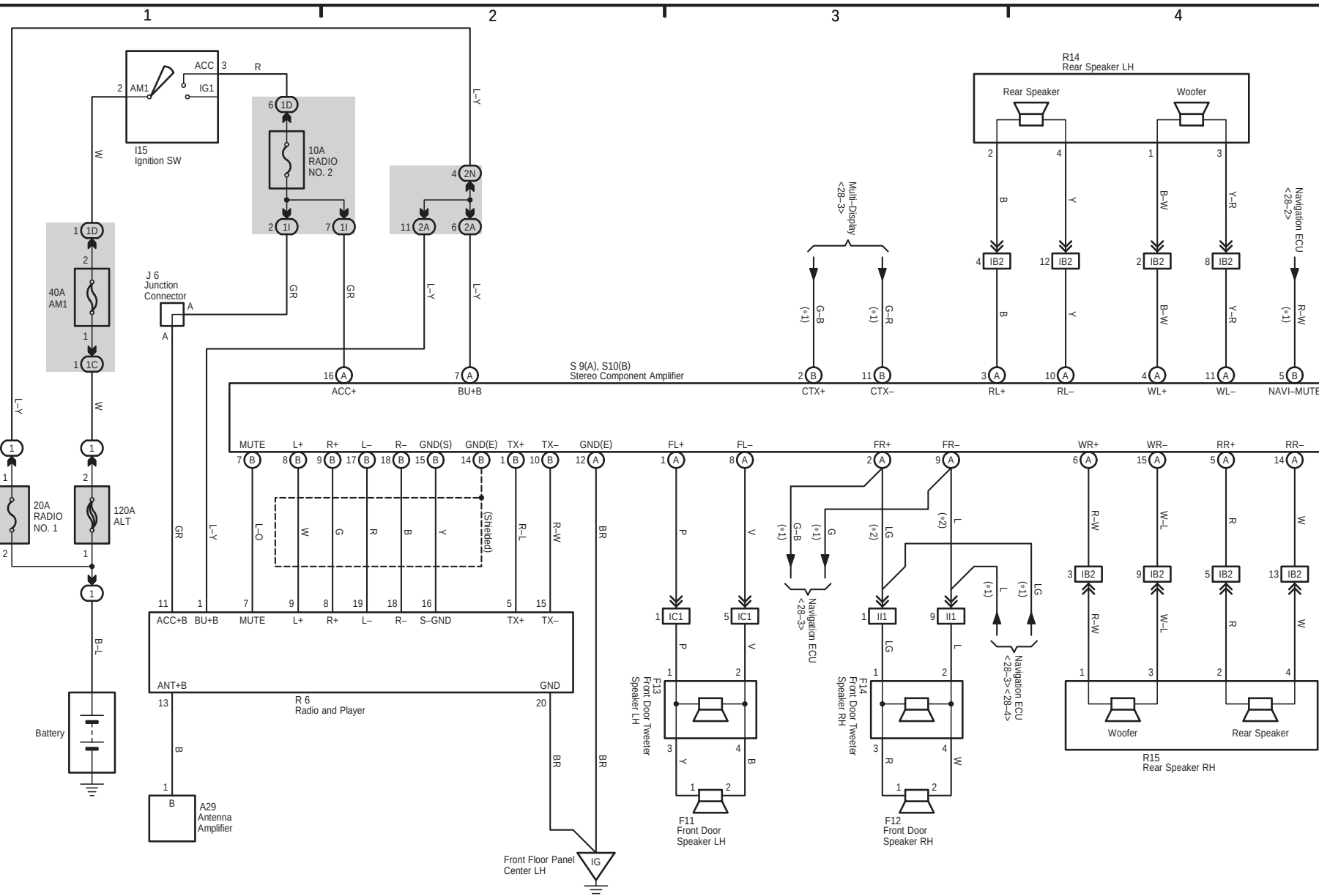


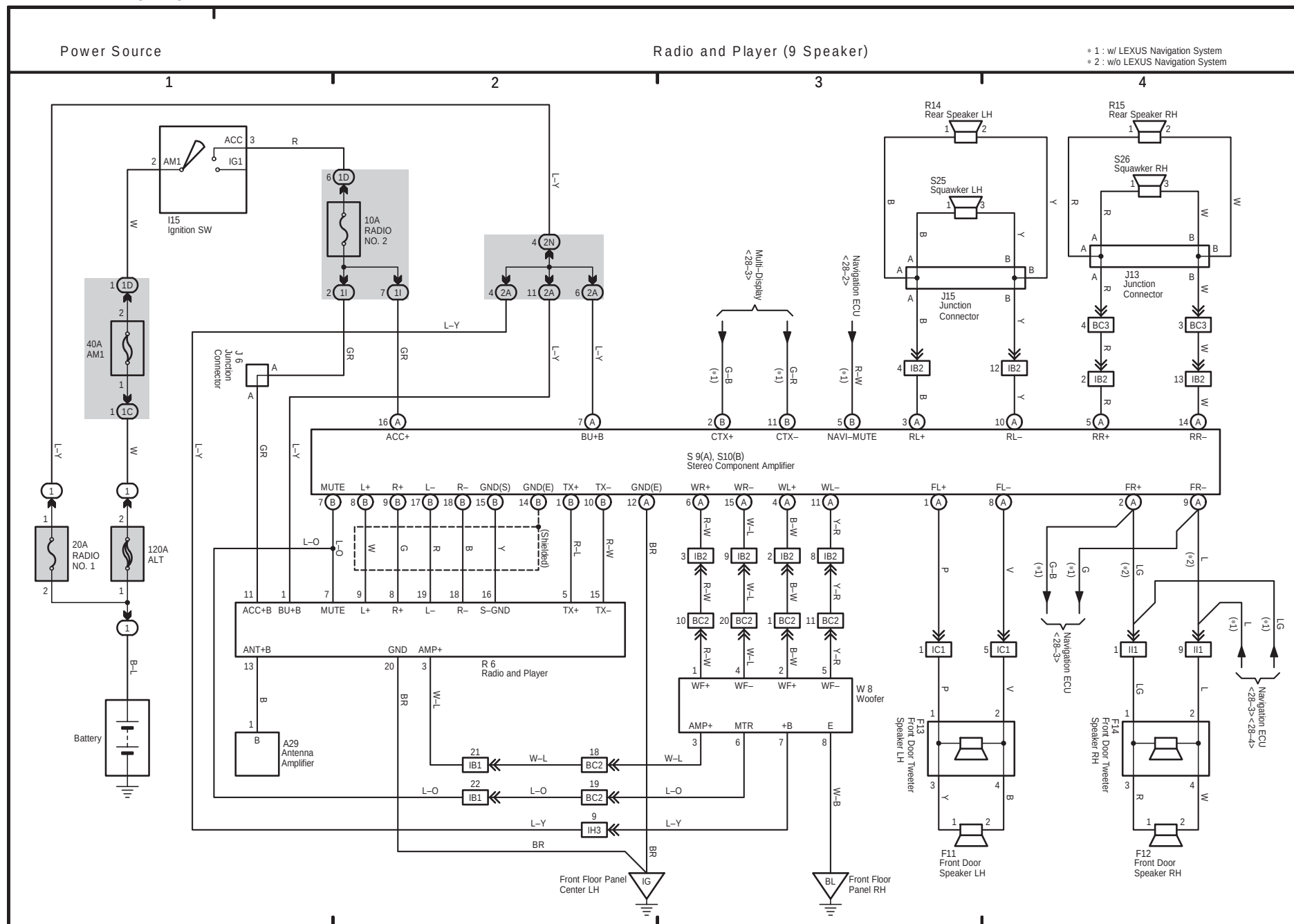


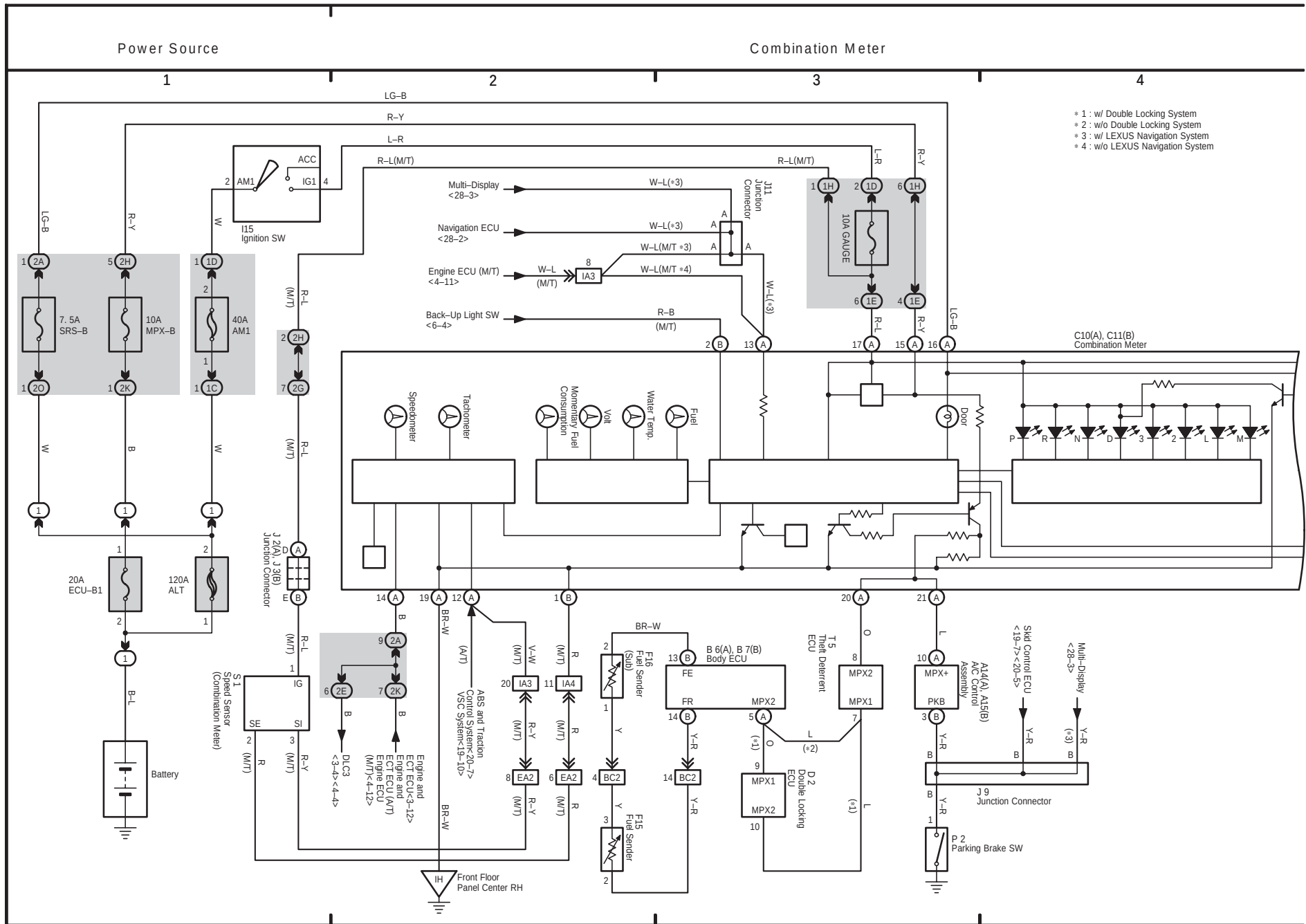
## Power Source

## Radio and Player (8 Speaker)

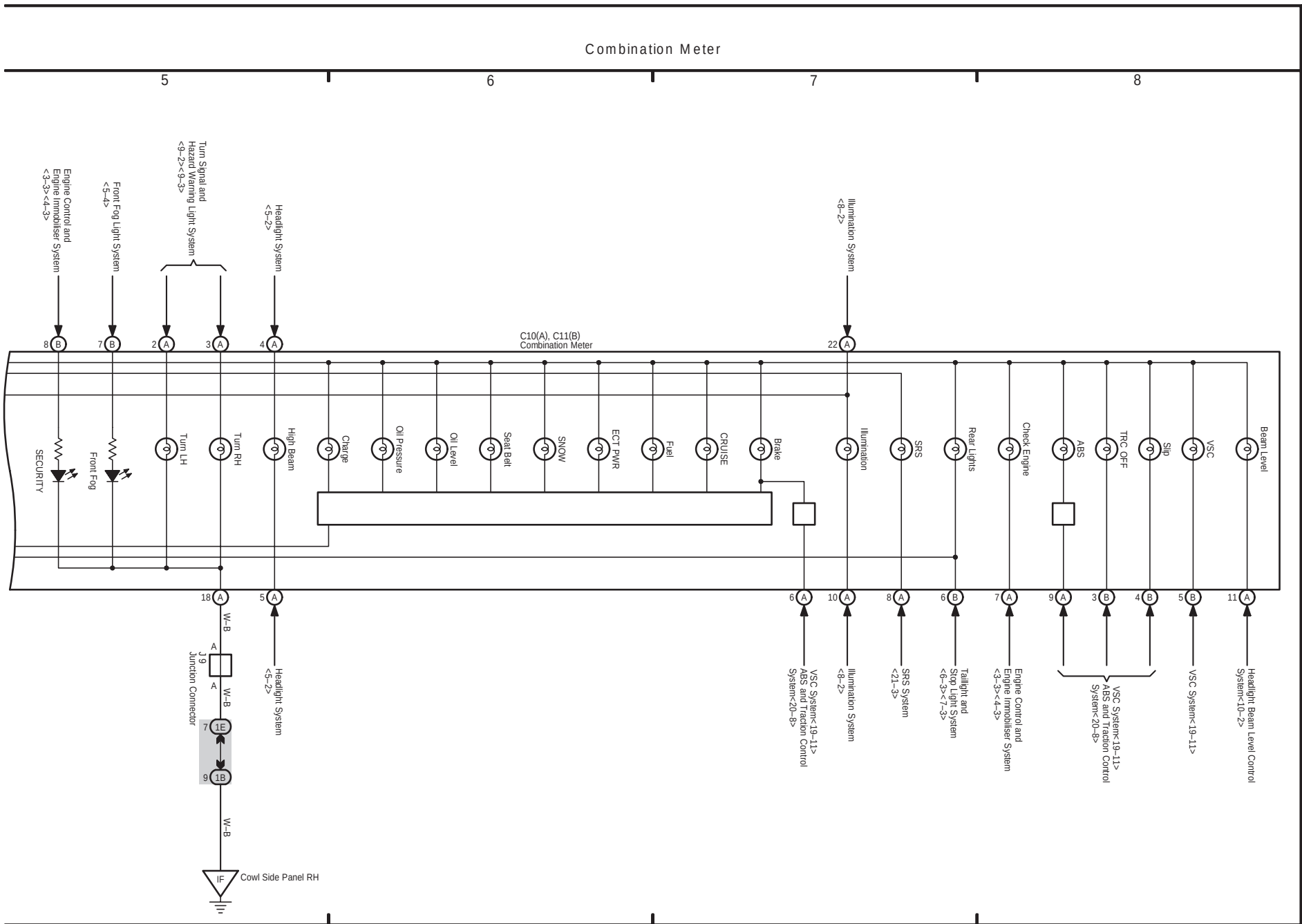
\* 1 : w/ LEXUS Navigation System  
 \* 2 : w/o LEXUS Navigation System







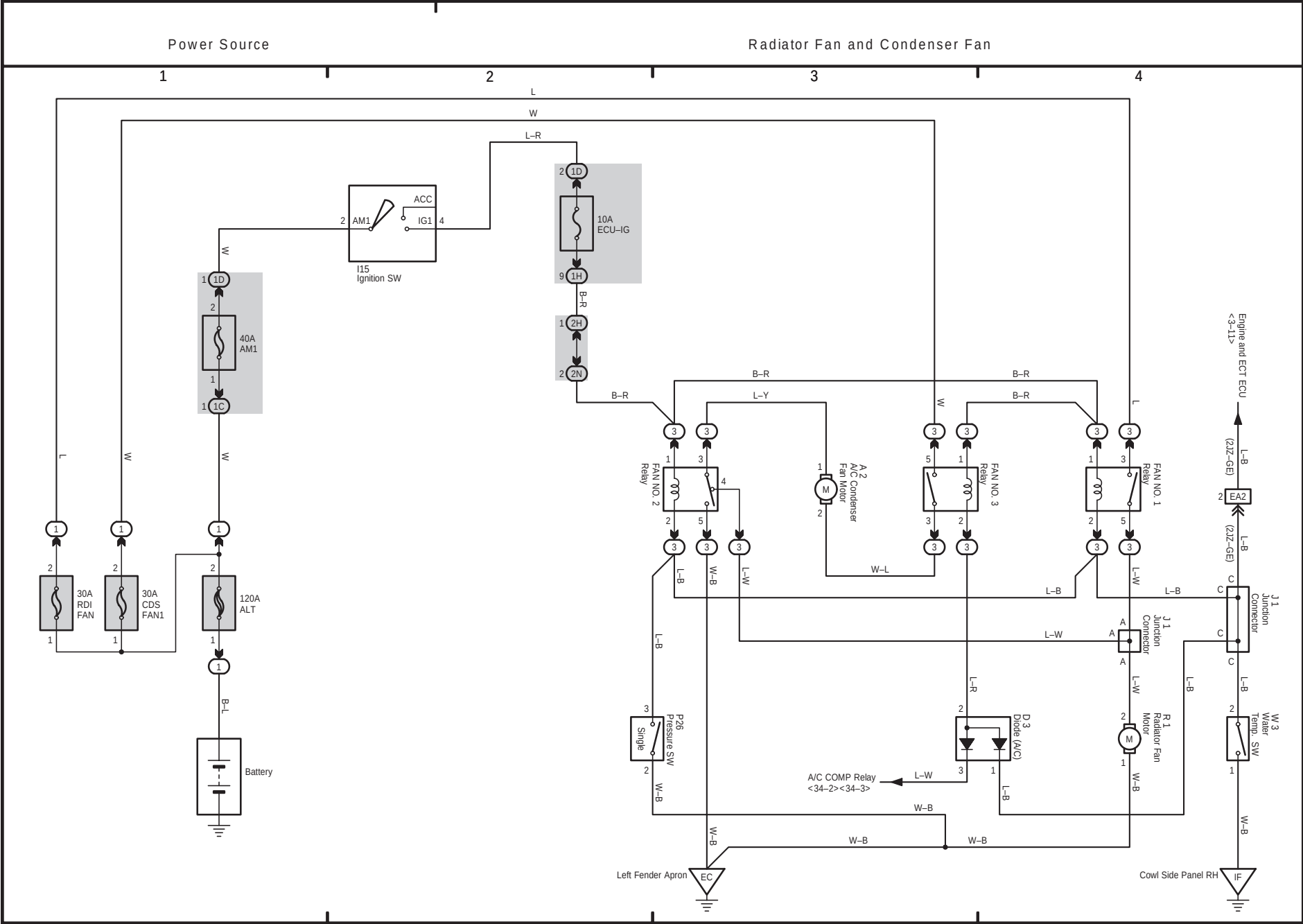
## OVERALL ELECTRICAL WIRING DIAGRAM



## LEXUS IS 300 / 200 (EWD452E)

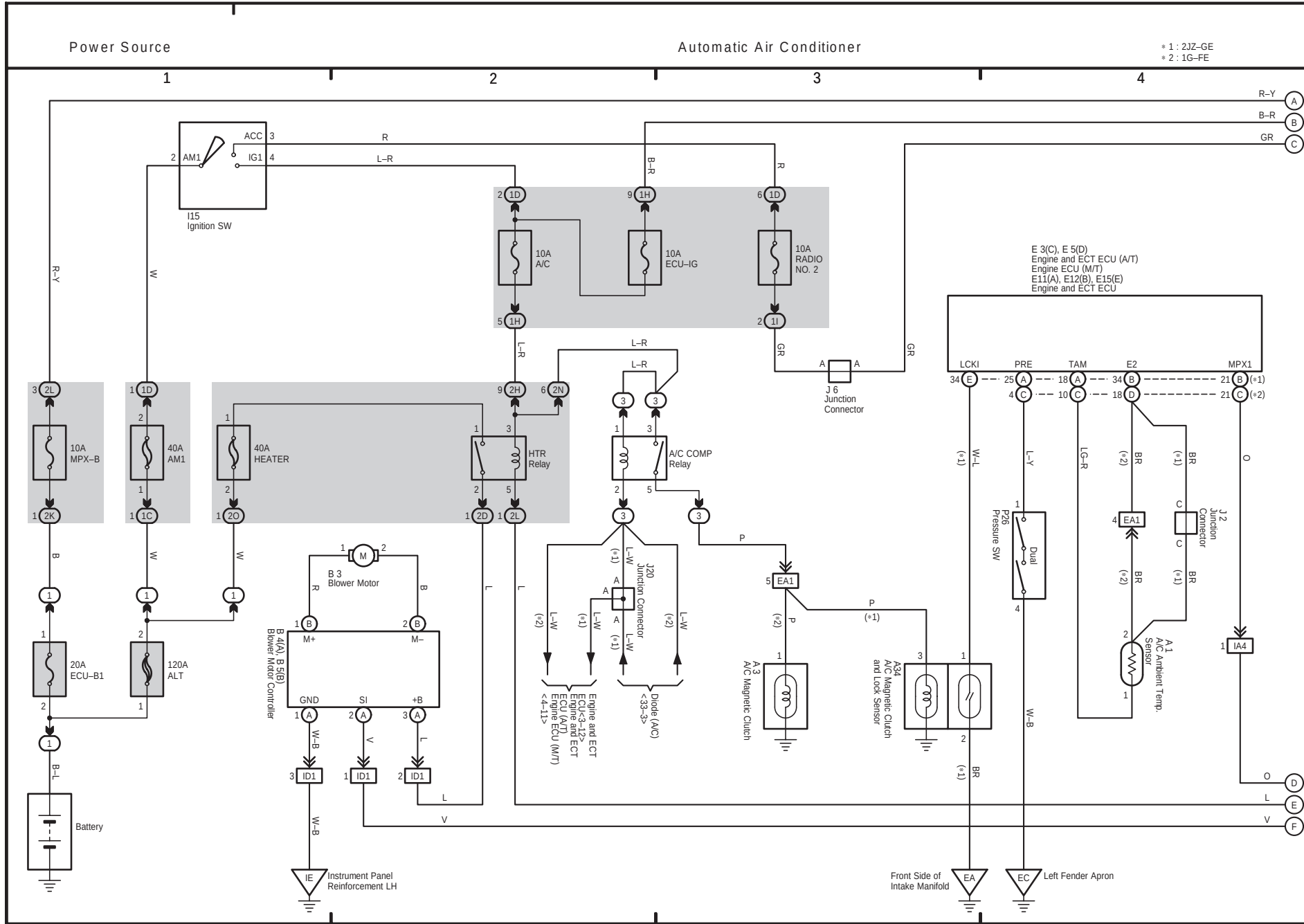
H OVERALL ELECTRICAL WIRING DIAGRAM

33 IS 300 / 200 (RHD)



34 IS 300 / 200 (RHD)

(Cont. next page)



H OVERALL ELECTRICAL WIRING DIAGRAM

LEXUS IS 300 / 200 (EWD452E)

34 IS 300 / 200 (RHD) (Cont' d)

