





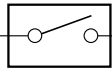
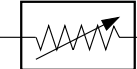
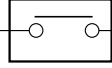
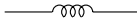
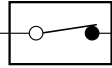
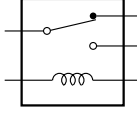

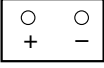

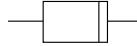



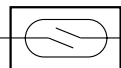


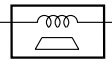
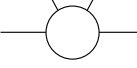
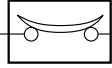
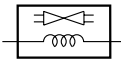


## SYMBOLS AND ABBREVIATIONS

### SYMBOLS

Symbol	Meaning of Symbol	Symbol	Meaning of Symbol
	Fuse		Bulb
	Fusible link		Double filament bulb
	Fusible link wire		Motor
	Switch		Variable resistor Rheostat
	Switch		Coil (inductor), solenoid, magnetic valve
	Switch (Normal close type)		Relay
	Contact wiring		
	Battery		
	Diode		Connector
	Electronic Parts		Light emitting diode
	Resistor		Reed switch
	Speaker		Condenser
	Buzzer		Horn
	Circuit breaker		Vacuum switching valve

## READING THE CIRCUIT DIAGRAM

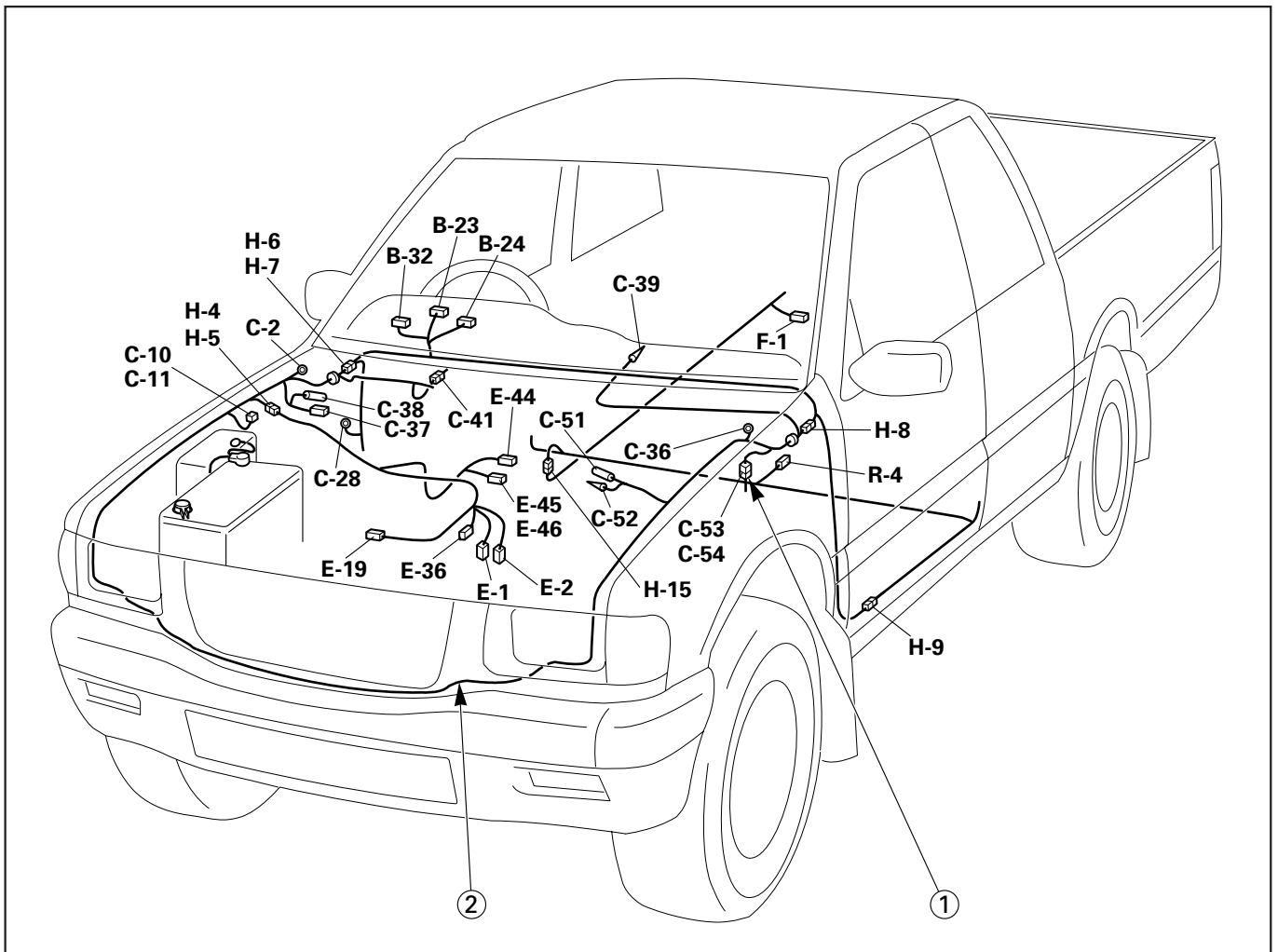
In this manual, each system has its own parts location illustration and circuit diagram. And connector configurations used in the circuit diagram are shown at the end of this manual.

**PARTS LOCATION:** The parts location shows the location of the connectors ① and the harnesses ② used in the each system.

**CIRCUIT DIAGRAM:** The circuit diagram shows the power supply ③, the load or loads ④ and the grounding point(s) ⑤.

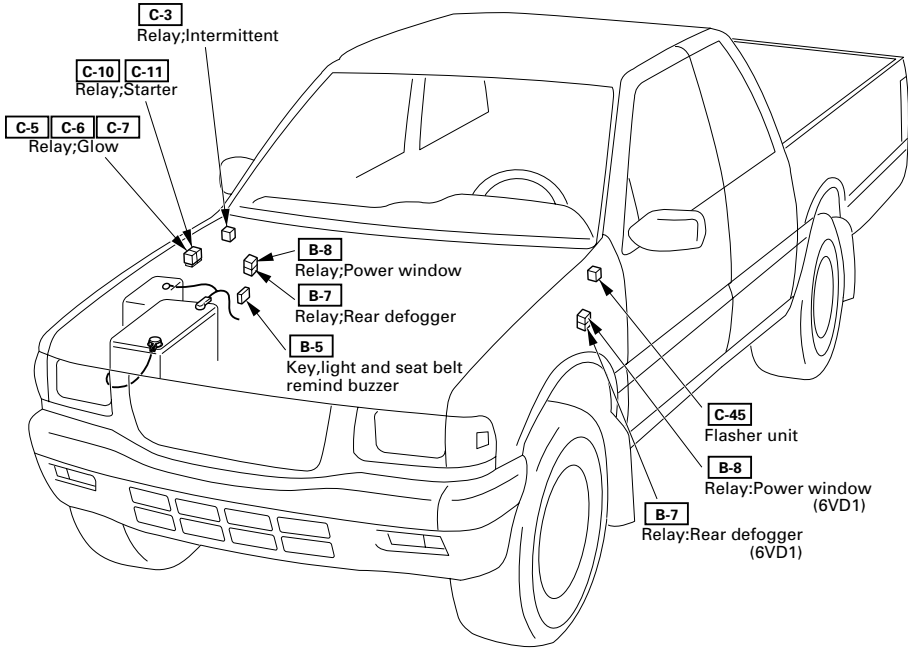
**CONNECTOR LIST:** The connector configuration shows each connector's number ⑥, configuration ⑦ and the pin numbers ⑧.

### PARTS LOCATION



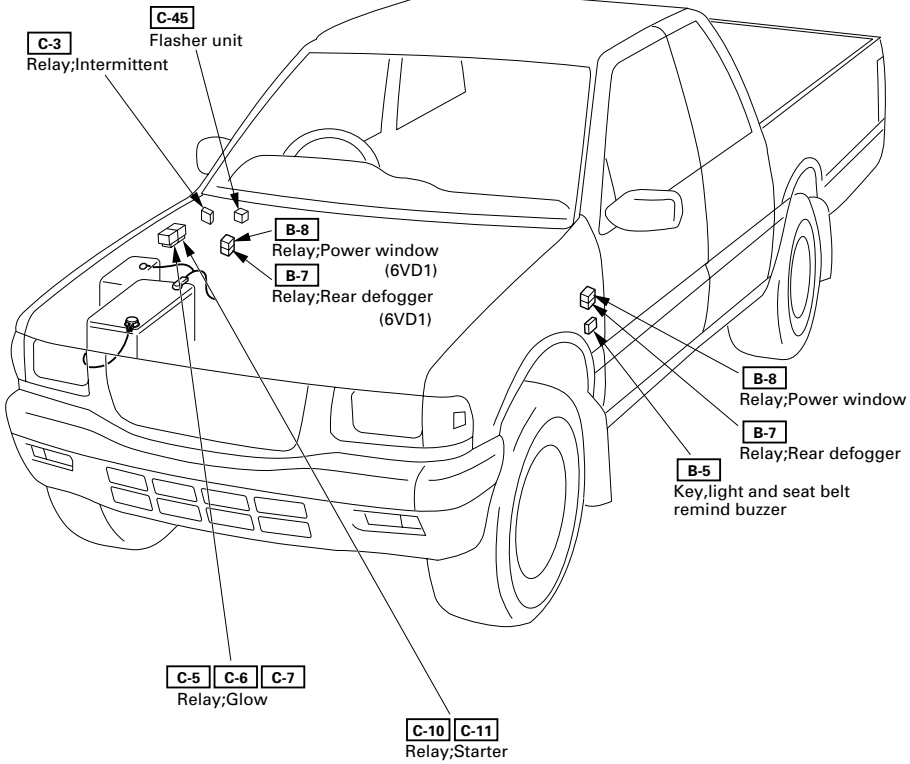
**RELAY LOCATION-3**

(LHD)



D08RW552

(RHD)



D08RW553

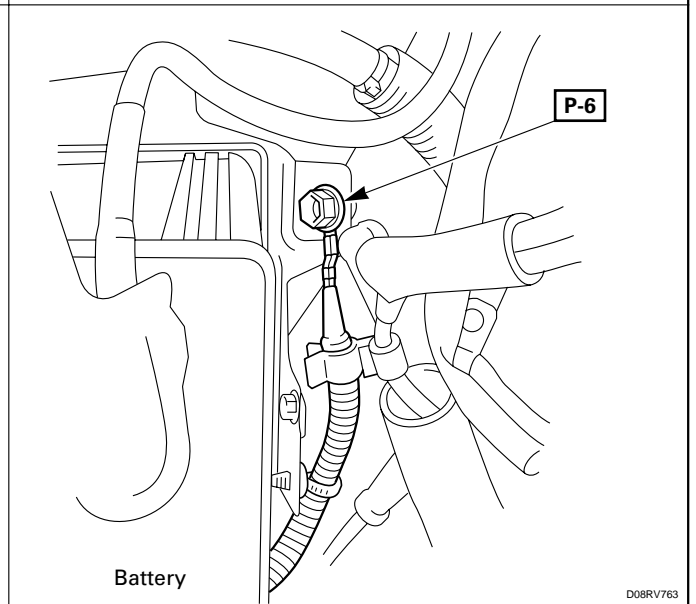
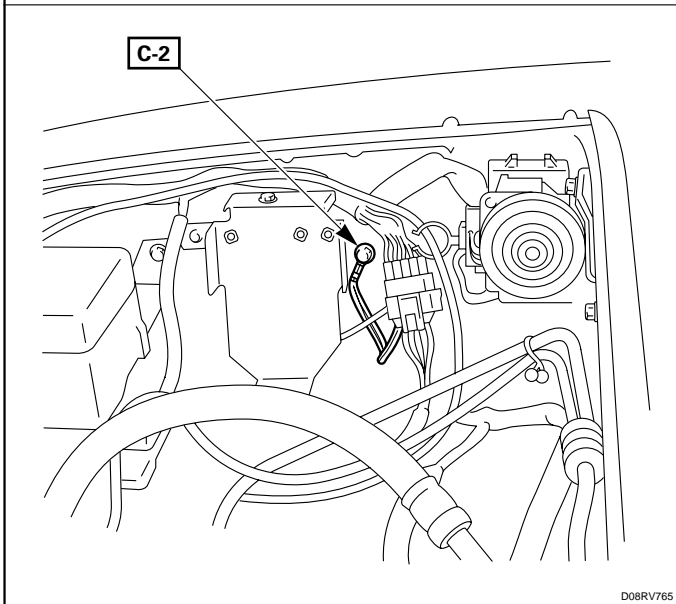
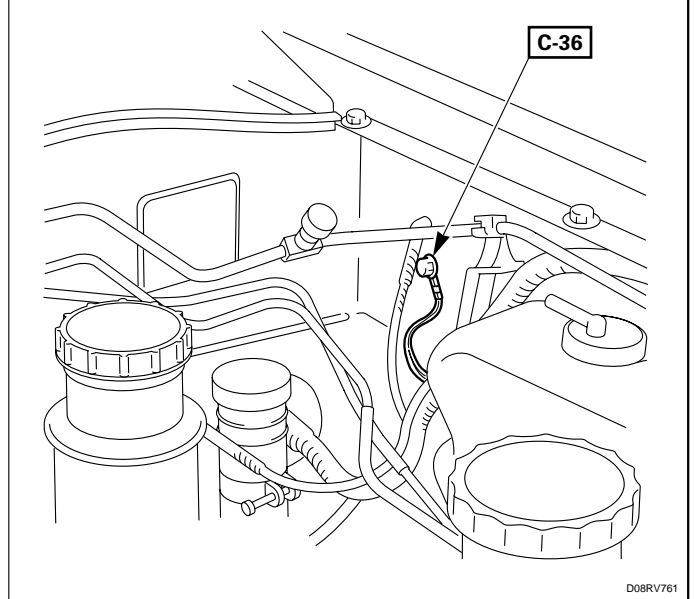
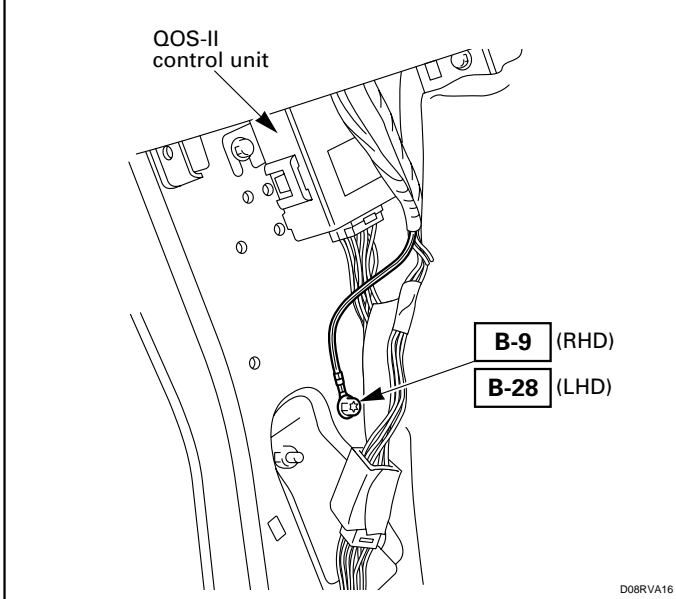
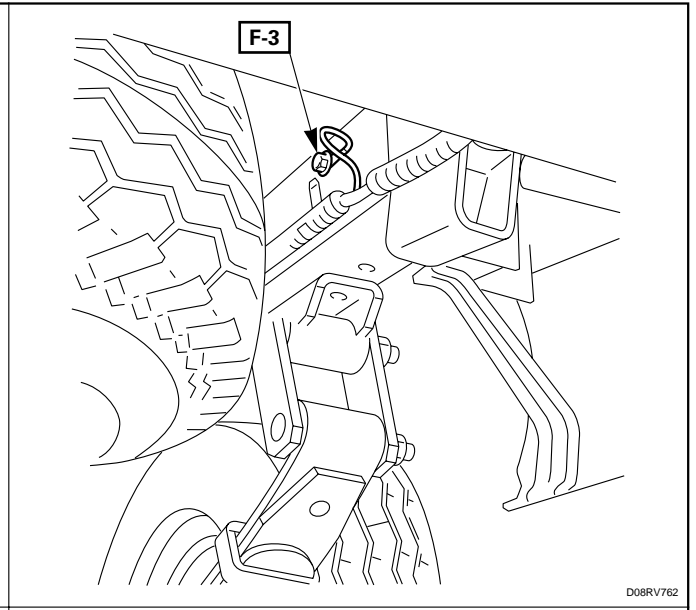
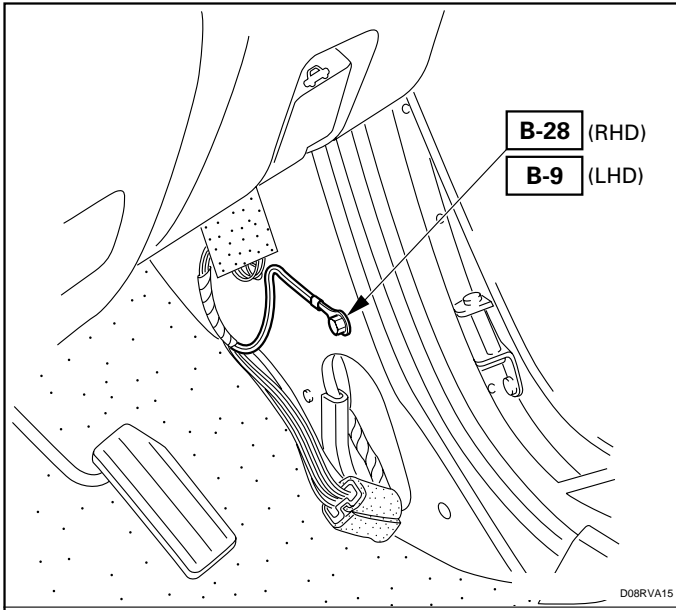
**RELAY**

Connector No.	C-3	C-5	C-6	C-7	C-10	C-11	B-7	B-8
Relay	WINDSHIELD INTERMITTENT	GLOW			STARTER		RR DEFOGGER	POWER WINDOW
Engine model								
4Z Series	○	—			—		○	○
4J Series	○	○			○		○	○
6VD1	○	—			—		○	○

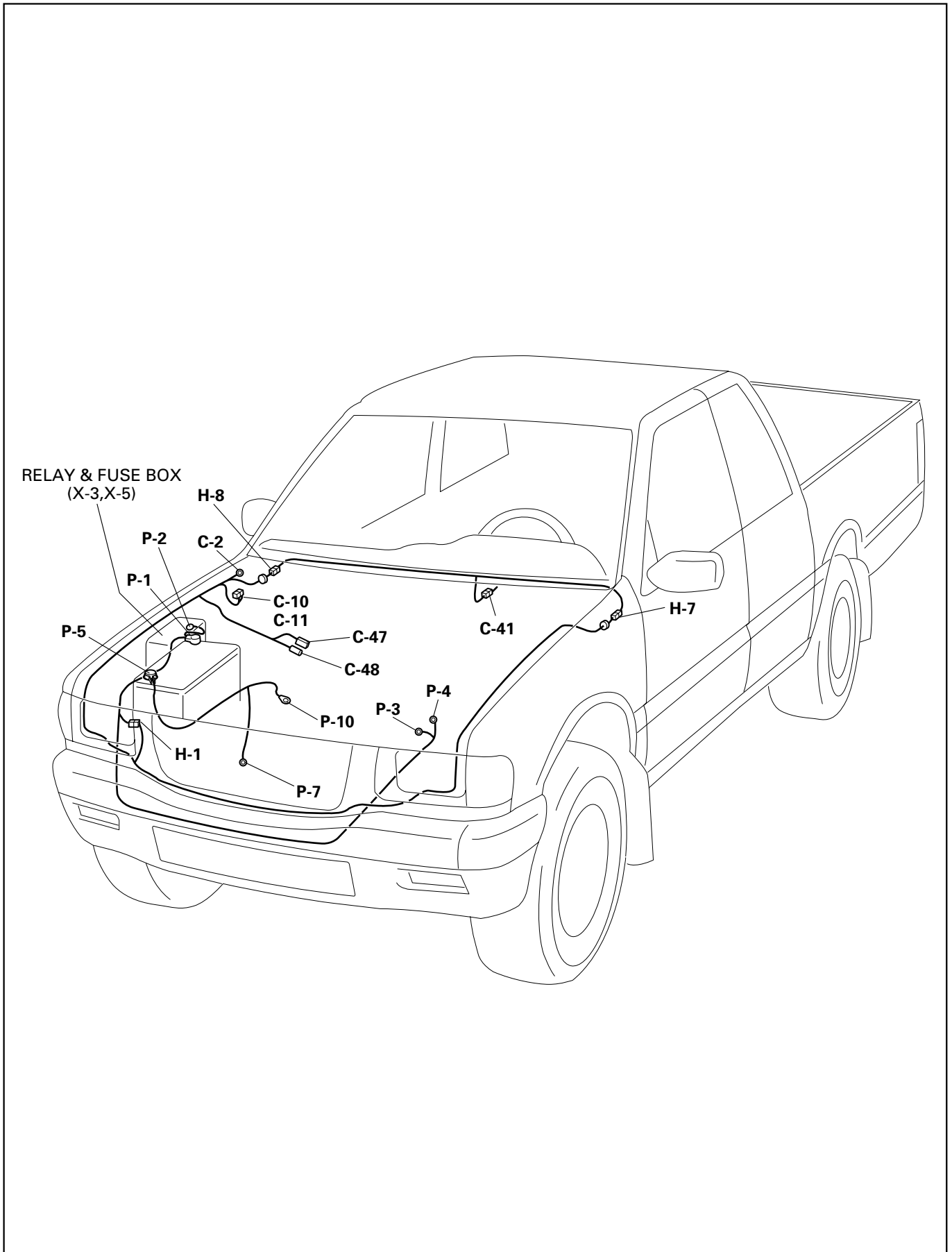
**GROUNDING POINT****REFERENCE TABLE****(GASOLINE ENGINE – LHD)**

Connector No.	Cable harness	Location	Parts (Load)
<b>B-9</b>	Body harness	Body-RH	Fan SW, FRT power window & door lock SW-passenger side, Key, light & seat belt remind buzzer (SAUDI ARABIA)
<b>B-28</b>		Body-LH	Turn signal indicator light, Illumination light (Meter, Heater & A/C control panel, Cigarette lighter, RR defogger SW, Audio, Hazard SW), FRT power window & door lock SW-driver side, RR power window SW, Power window relay, Door mirror control SW, RR defogger, RR defogger SW, Door lock SW-driver side, Audio, Clock, Cigarette lighter, High mounted stop light, Seat belt SW (SAUDI ARABIA)
<b>B-37</b>		Body-RR	Fuel pump
<b>C-2</b>	Engine room harness	Fender-RH	Heater relay, Dimmer-passing SW, Lighting SW, Charge relay, Idle SW (4ZE1), Accel SW (4ZC1, 4ZD1), Engine speed sensor, EFE heater, Starter relay, Radiator level sensor, Radiator level control unit, Windshield intermittent relay, Windshield wiper motor, Side turn signal light-RH
<b>C-36</b>		Fender-LH	Vehicle speed sensor, Speed warning buzzer (SAUDI ARABIA), Speedometer, Fuel tank unit, 4WD SW, Brake fluid level SW, Tachometer (W/Tachometer), Fuel gauge, Clearance light, Seat belt SW (SAUDI ARABIA), Windshield washer motor, Flasher unit, Side turn signal light-LH, FRT turn signal light, Engine coolant temperature gauge (W/Tachometer)
<b>C-81</b>		Engine-RH	Crank angle sensor, Data link connector, ECM, ECM main relay, Oxygen sensor (4ZD1 (MPI))
<b>E-5</b>	Engine harness	Engine	Air regulator, FICD (4ZD1 (MPI))
<b>E-72</b>		Common chamber-RH	Data link connector, ECM, Crank angle sensor
<b>E-73</b>			Ignition coil, ECM
<b>E-74</b>		Common chamber-LH	Ignition coil, ECM, MAF sensor shield, Cam angle sensor shield, Throttle position sensor shield
<b>F-3</b>	Chassis harness	Frame	Tail light, License plate light, Back up light, RR turn signal light, Stop light, Fuel pump

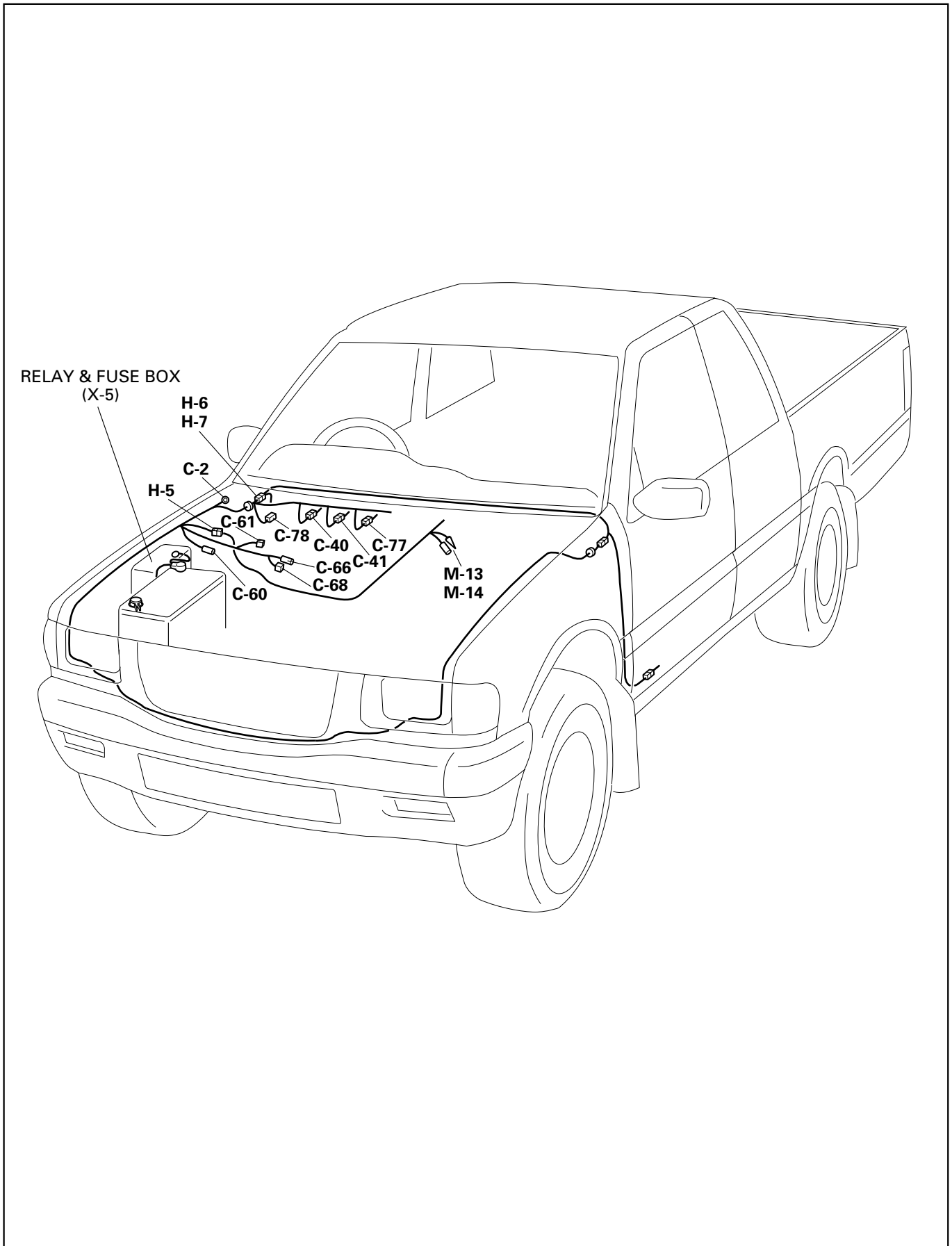
LOCATION



PARTS LOCATION (DIESEL ENGINE - LHD)



PARTS LOCATION (RHD)



**Installation**

Follow the removal procedure in the reverse order to install the headlight.

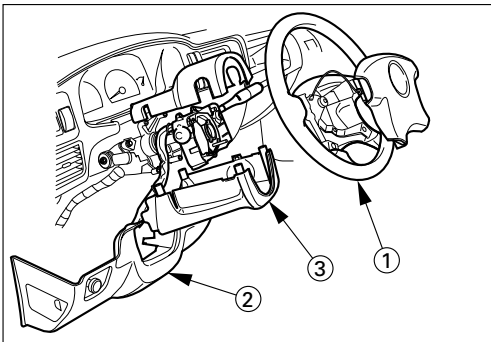


Pay close attention to the important points mentioned in the following paragraphs.

**Connector**

Be absolutely sure that the headlight connector is securely connected.

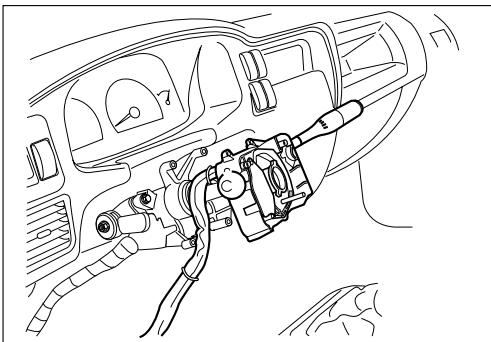
This will prevent a contact and an open circuit.



D08RV888

**LIGHTING SWITCH****Removal**

1. Remove the steering wheel ①.  
Refer to the "STEERING" Section of this manual.
2. Remove the Instrument panel lower cover ②.
3. Remove the steering column cover ③.
4. Disconnect the connector.
5. Remove the lighting switch from the steering shaft.



D08RV747

**Installation**

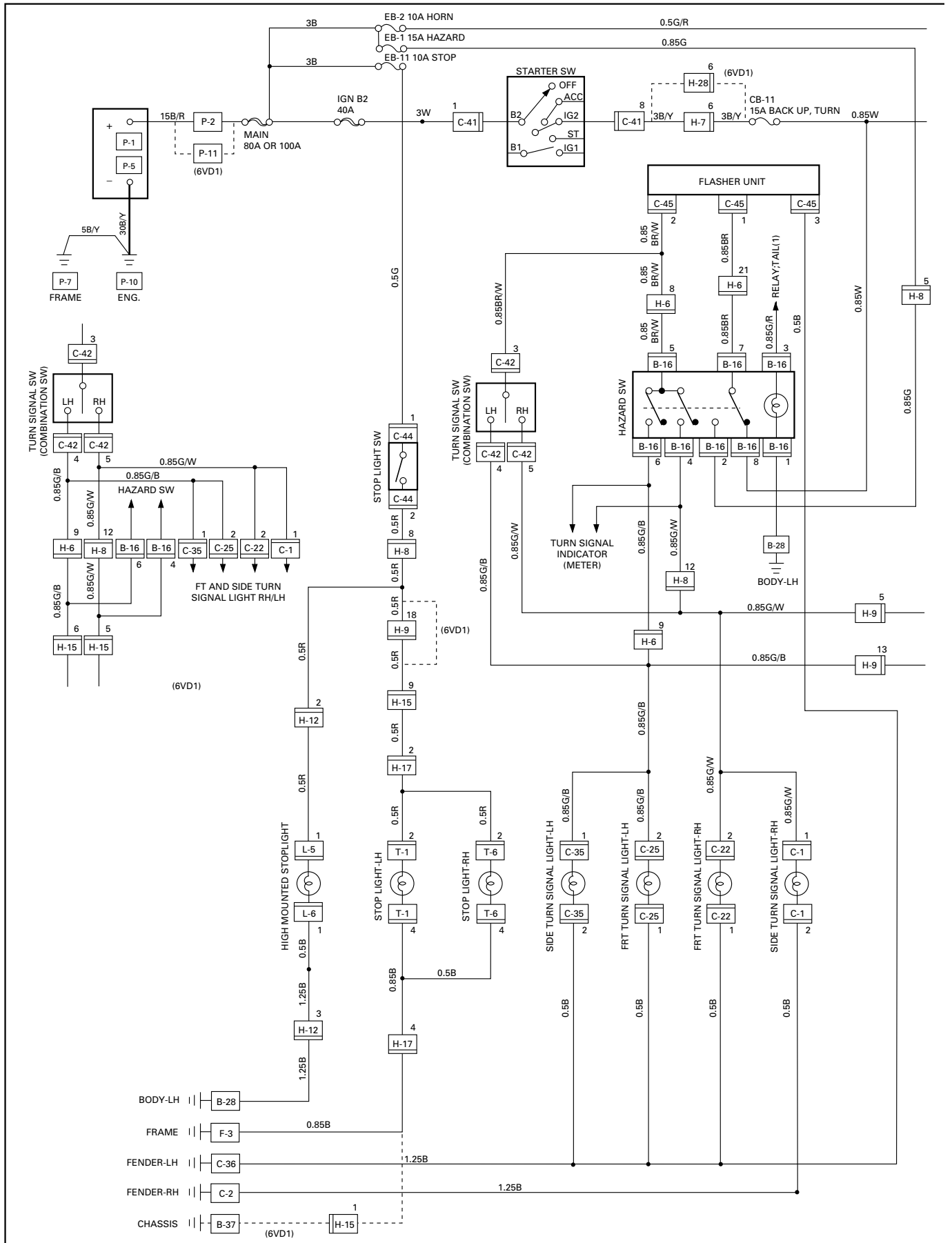
Follow the removal procedure in the reverse order to install the lighting switch.

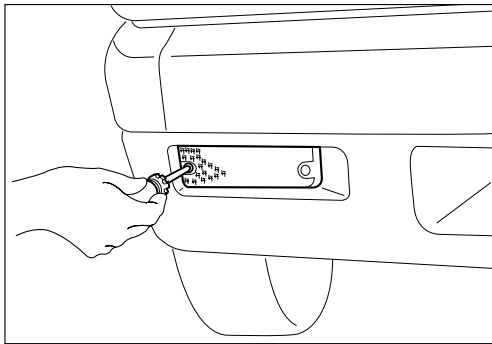


Pay close attention to the important points mentioned in the following paragraphs.

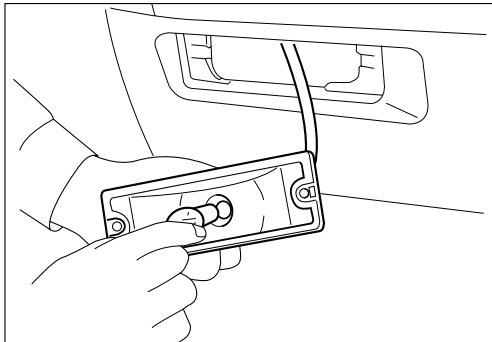


CIRCUIT DIAGRAM (6VD1-LHD)





D08RV862



D08RV863

## FRONT TURN LIGHT



### Removal

1. Remove the front turn light lens.
2. Pull the light housing free.

3. Push the bulb in and turn it counterclockwise to remove it from the light housing.



### Installation

Follow the removal procedure in the reverse order to install the front turn light.



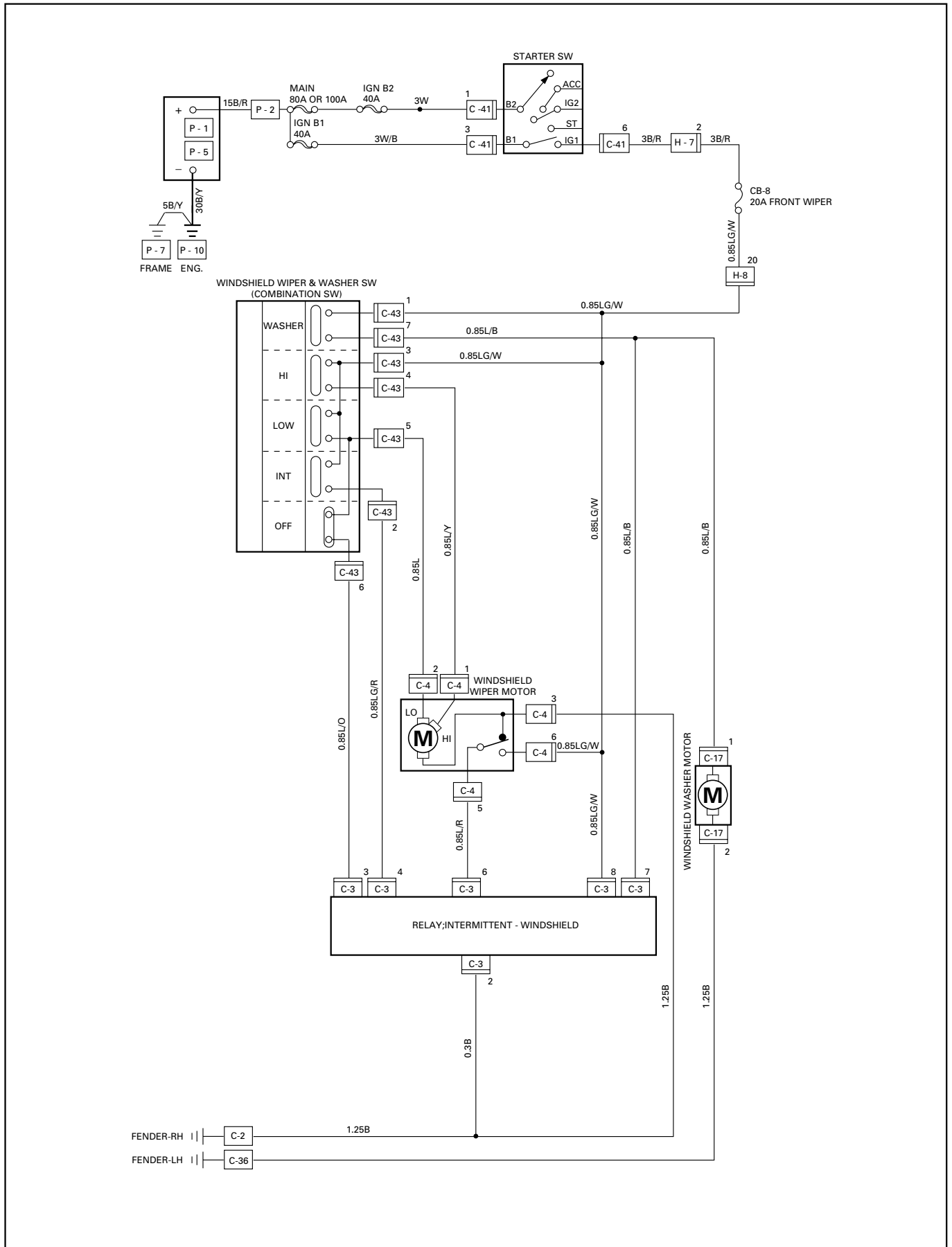
Pay close attention to the important points mentioned in the following paragraphs.

### Bulb

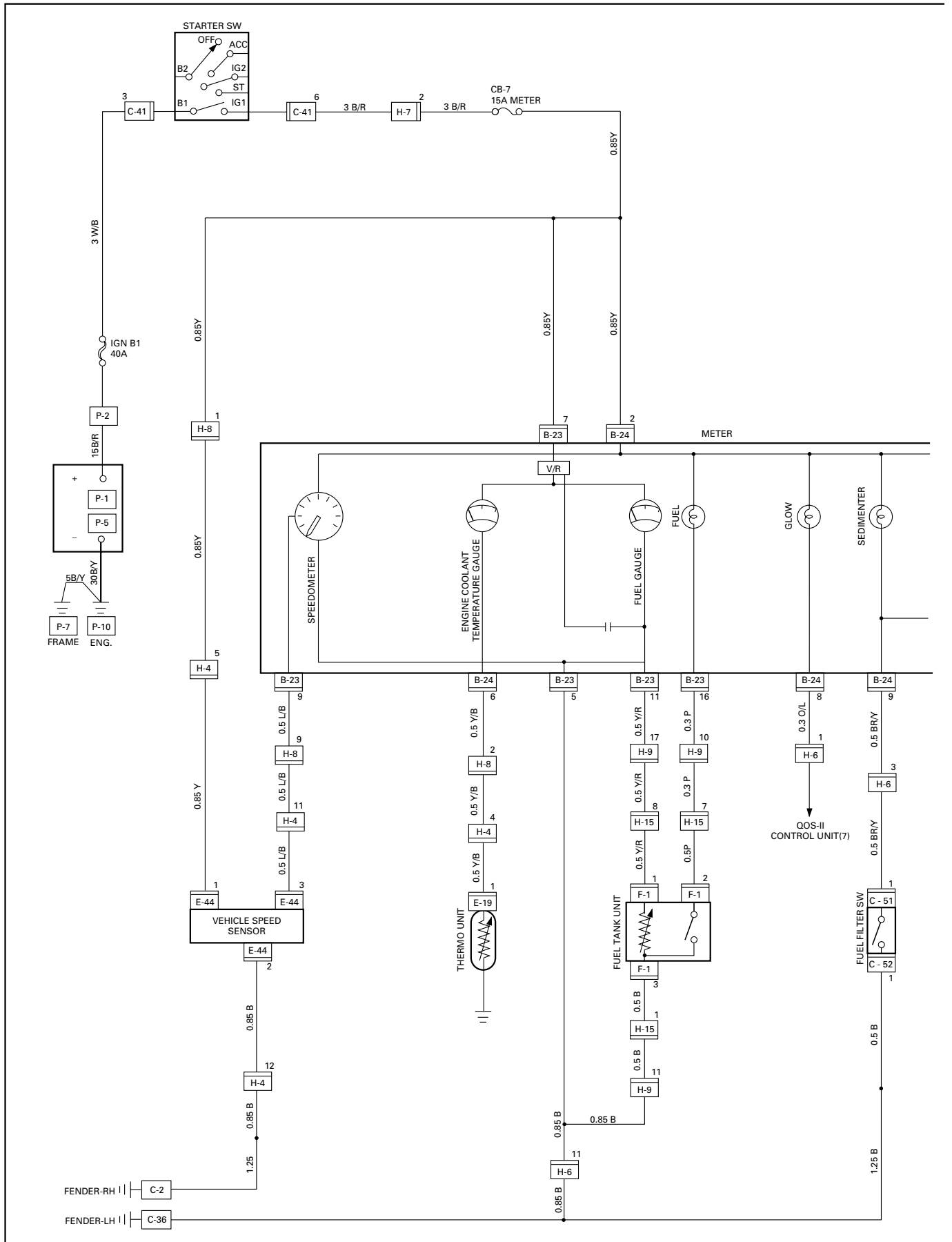
Be absolutely sure that the front turn light bulb is correctly installed.

This will prevent a poor contact and an open circuit.

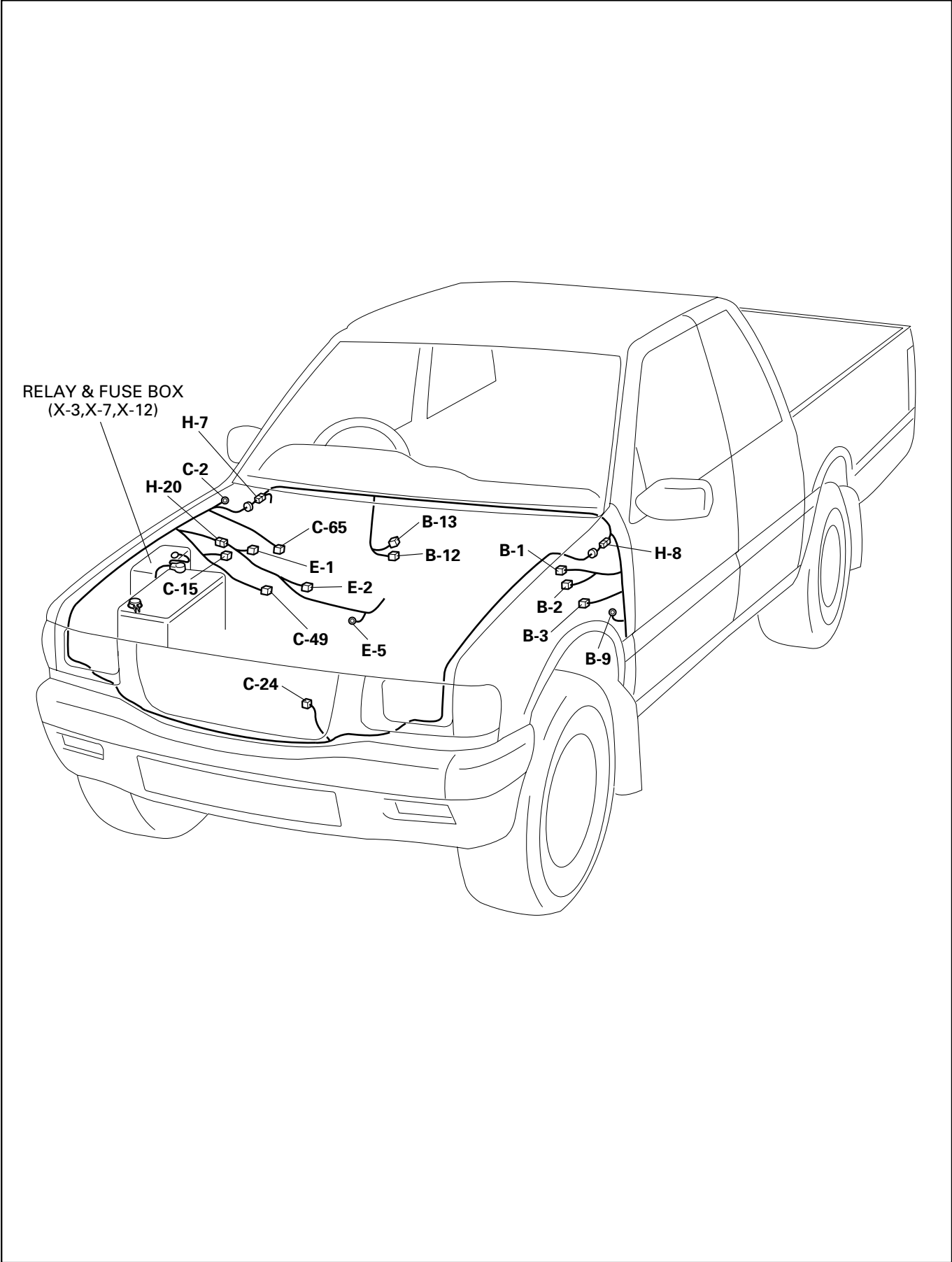
CIRCUIT DIAGRAM (LHD)



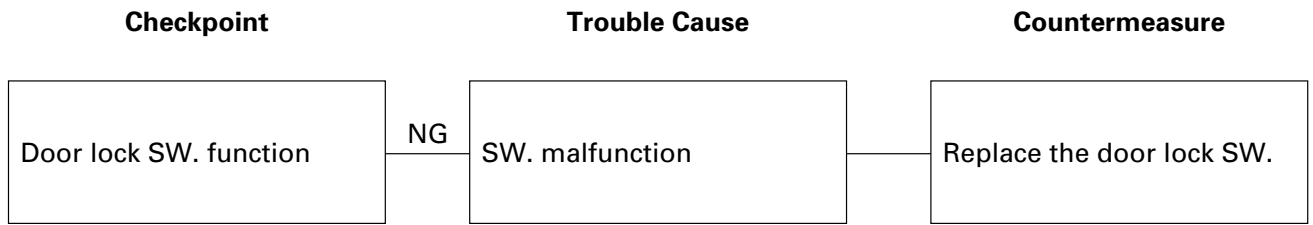
CIRCUIT DIAGRAM (W/O TACHOMETER - DIESEL ENGINE (LHD))



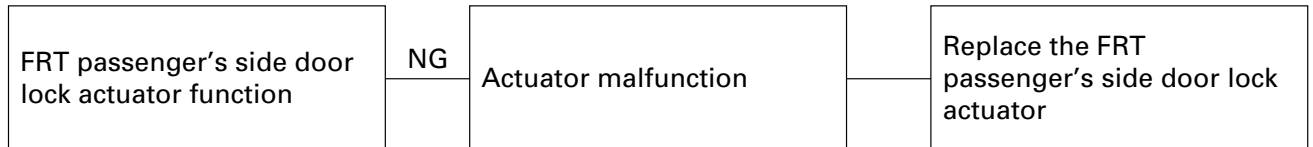
PARTS LOCATION (RHD)



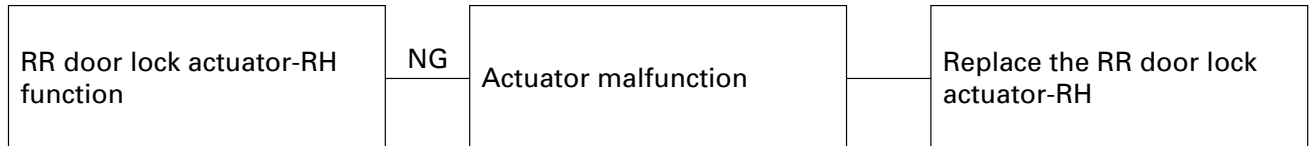
3. Driver's side door does not get locked (or unlocked)



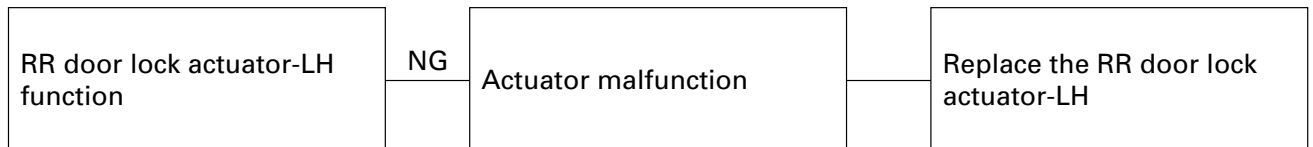
4. FRT passenger's side door does not get locked (or unlocked)



5. RR door-RH does not get locked (or unlocked)



6. RR door-LH does not get locked (or unlocked)



7. Door lock does not operate when operated from the driver's seat side

