

2001 Dodge CARAVAN

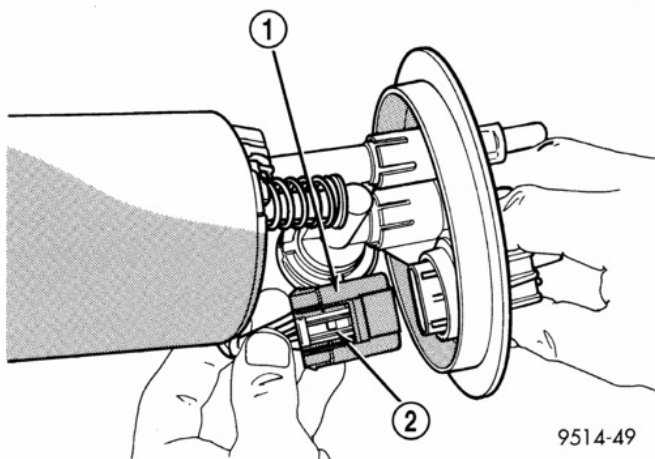
Submodel: SE | Engine Type: V6 | Liters: 3.3

Fuel Delivery: FI | Fuel: GAS

REMOVAL

Remove fuel pump module. Refer to Fuel Pump Module in this section.

1. Depress retaining tab and remove the fuel pump/level sensor connector from the **BOTTOM** of the fuel pump module electrical connector [Fuel Pump/Level Sensor Electrical Connector](#).



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Fuel Pump/Level Sensor Electrical Connector

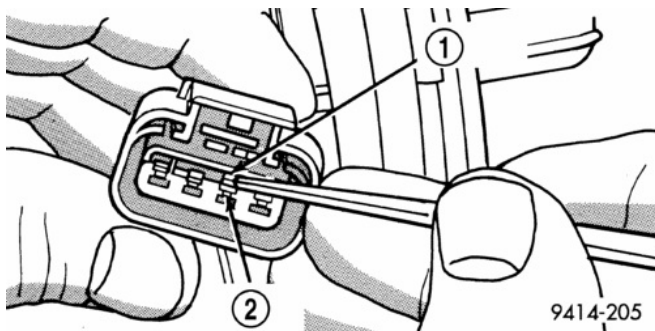
1 - ELECTRICAL CONNECTOR

2 - RETAINING TAB

Important:

The pump module harness on TOP of flange is not serviceable or removable.

1. Pull off the locking wedge.
2. Using a small screwdriver lift locking finger away from terminal and push terminal out of connector [Wire Terminal Locking Finger](#).



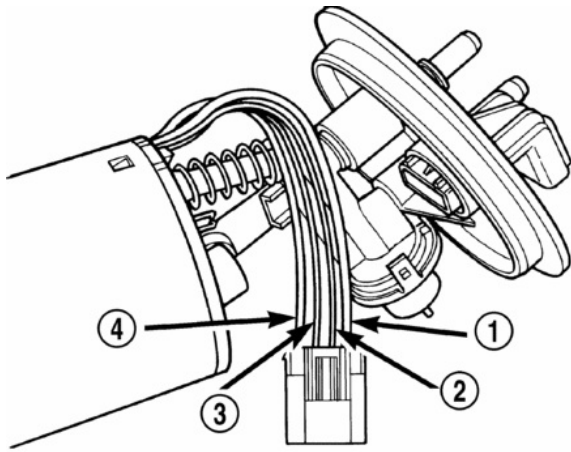
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Wire Terminal Locking Finger

1 - LOCKING FINGER

2 - WIRE TERMINAL

3. Push level sensor signal and ground terminals out of the connector [Removing Wires From](#).



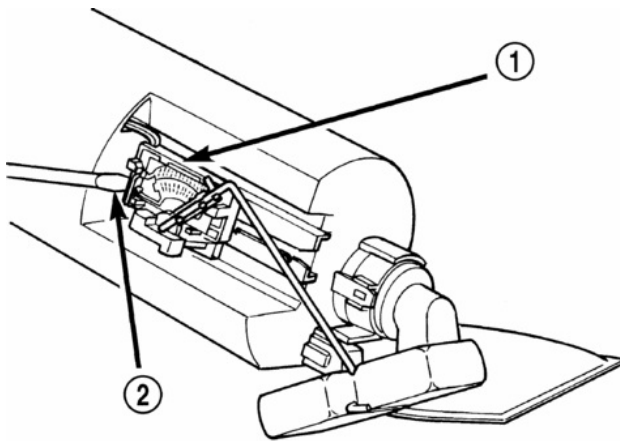
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Removing Wires From

- 1 - FUEL PUMP FEED (RED B+)
- 2 - LEVEL SENSOR SIGNAL
- 3 - LEVEL SENSOR GROUND
- 4 - FUEL PUMP GROUND (BK)

4. Insert a screwdriver between the fuel pump module and the top of the level sensor housing [Loosening Level Sensor](#). Push level sensor down slightly.



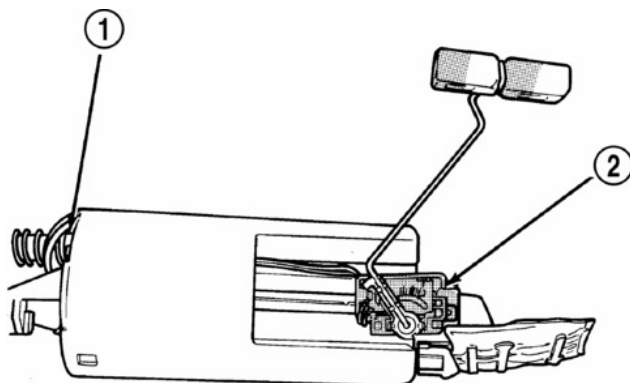
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Loosening Level Sensor

- 1 - LEVEL SENSOR
- 2 - PRY DOWN ON LEVEL SENSOR

5. Slide level sensor wires through opening fuel pump module [Level Sensor Removal/Installation](#).



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Level Sensor Removal/Installation

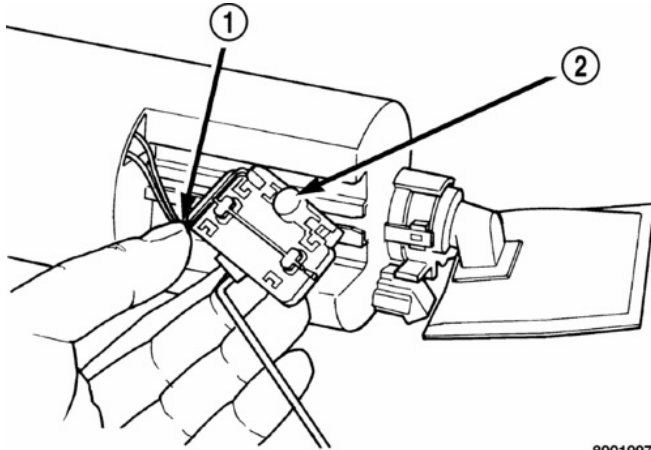
1 - OPENING IN MODULE

2 - FUEL LEVEL SENSOR

6. Slide level sensor out of installation channel in module.

INSTALLATION

1. Insert level sensor wires into bottom of opening in module.
2. Wrap wires into groove in back of level sensor [Groove in Back Side of Level Sensor](#).



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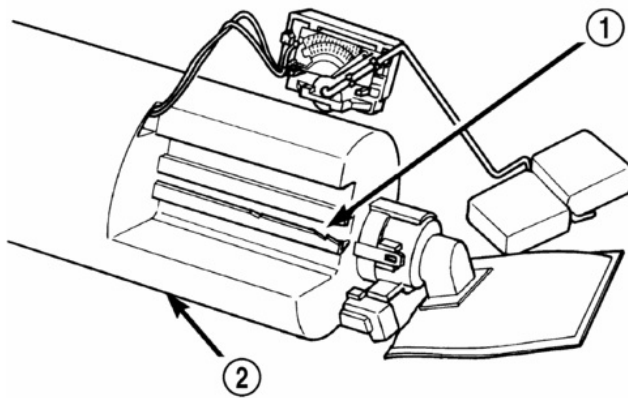
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Groove in Back Side of Level Sensor

1 - WRAP WIRES IN GROOVE

2 - REAR VIEW OF LEVEL SENSOR

3. While feeding wires into guide grooves, slide level sensor up into channel until it snaps into place [Installation Channel](#). Ensure tab at bottom of sensor locks in place.



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Installation Channel

1 - CHANNEL FOR LEVEL SENSOR

2 - PUMP MODULE

4. Install level sensor wires in connector. Push the wires up through the connector and then pull them down until they lock in place. Ensure signal and ground wires are installed in the correct position.
5. Install locking wedge on connector.
6. Push connector up into bottom of fuel pump module electrical connector.
7. Install fuel pump module. Refer to Fuel Pump Module in this section.