

FUEL LEVEL SENDING UNIT / SENSOR

REMOVAL

- (1) Release the fuel pressure, refer to the Fuel Pressure Release Procedure in this section.
- (2) Disconnect the negative battery cable.
- (3) Fold the driverside rear seat, and tilt forward (Fig. 1).

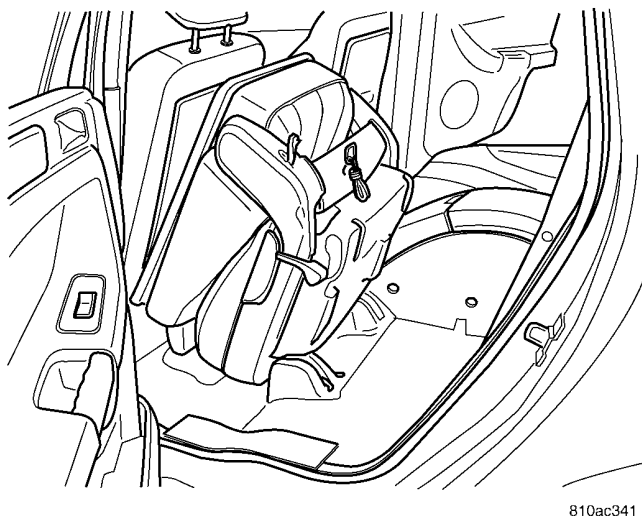


Fig. 1 REAR SEAT

- (4) Remove the 2 mounting bolts for the rear seat (Fig. 2).

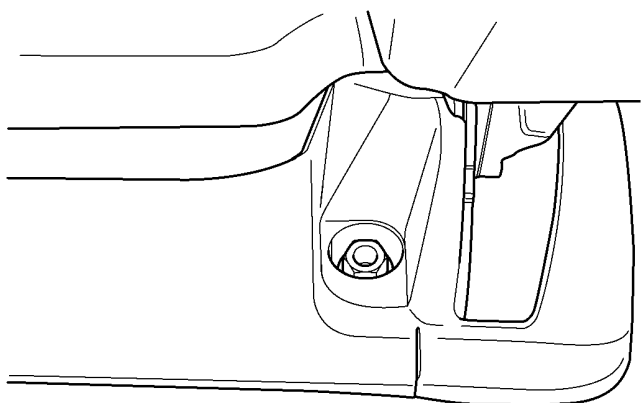


Fig. 2 REAR SEAT MOUNTING

- (5) Disconnect the seat electrical connector (Fig. 3).

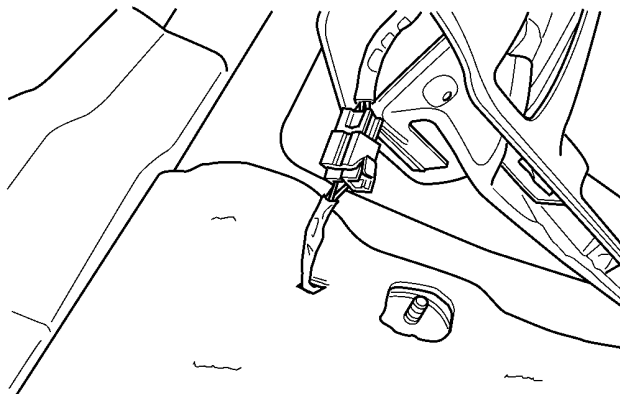


Fig. 3 REAR SEAT ELECTRICAL CONNECTOR

- (6) Remove seat from vehicle (Fig. 4).

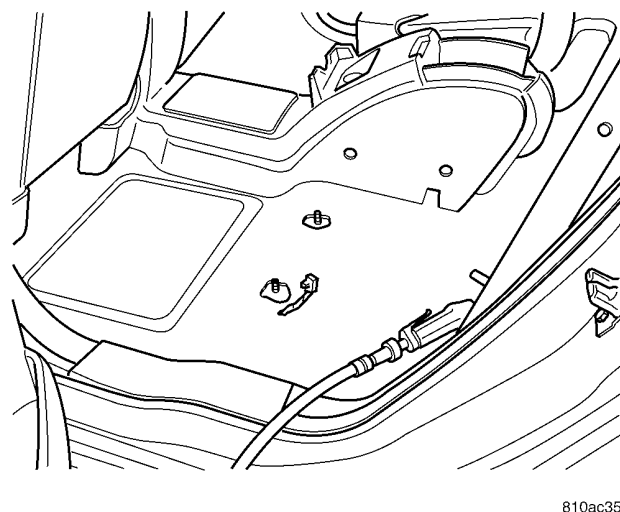


Fig. 4 REAR SEAT REMOVED

FUEL LEVEL SENDING UNIT / SENSOR (Continued)

(7) Remove the rear console scuff plate (Fig. 5).

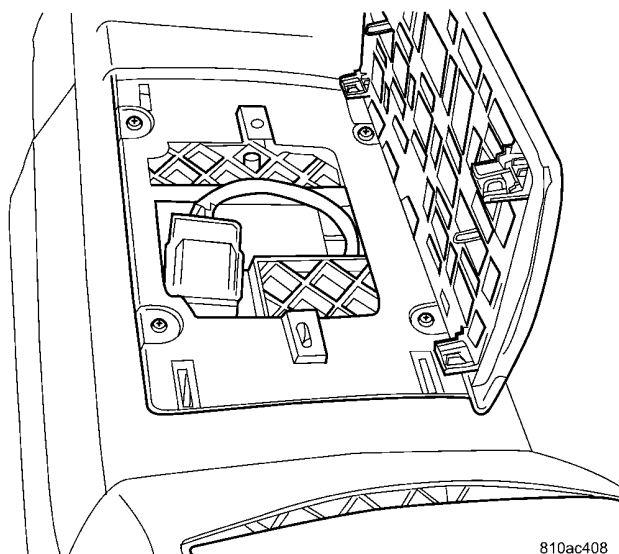


Fig. 5 CENTER CONSOLE SCUFF PLATE

(8) Disconnect the rear console electrical connector (Fig. 6).

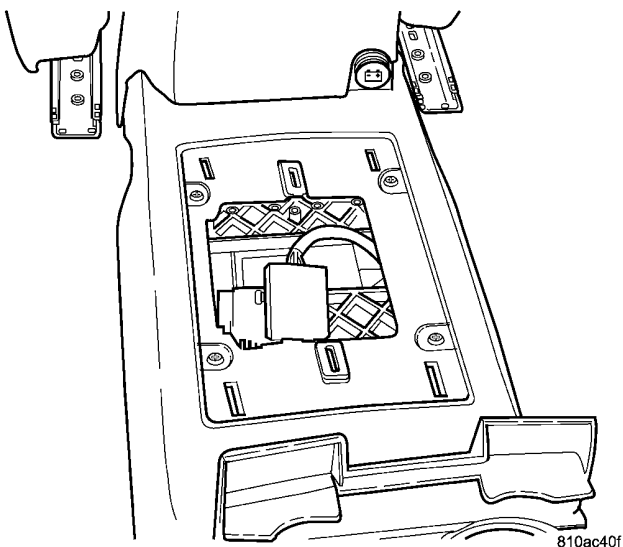


Fig. 6 CENTER CONSOLE ELECTRICAL CONNECTOR

(9) Remove the 14 screws for the mounting of the rear center console (Fig. 7).

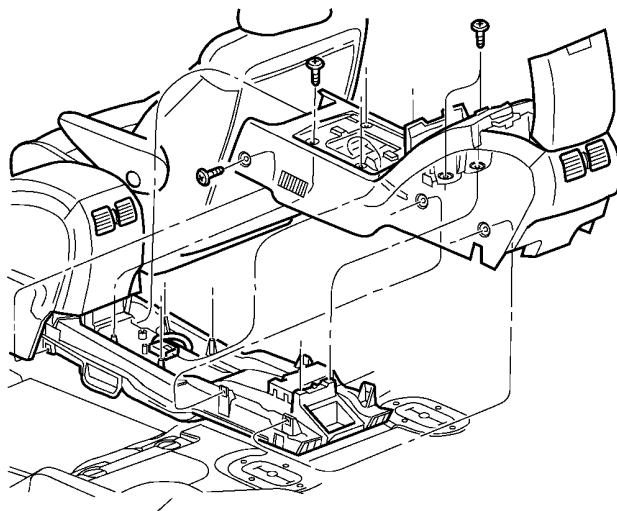
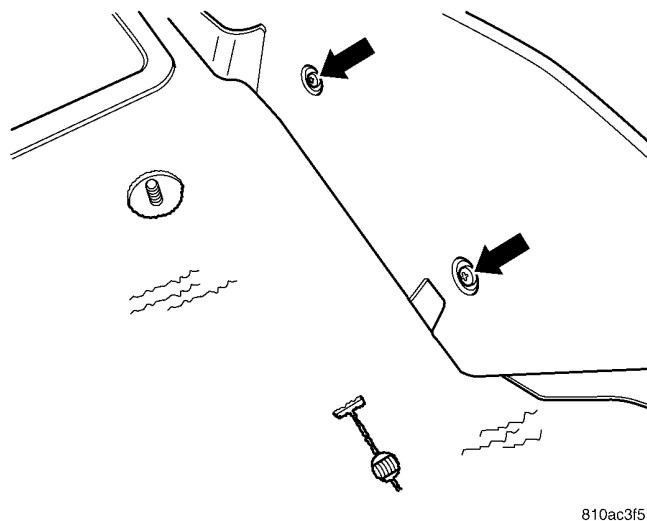
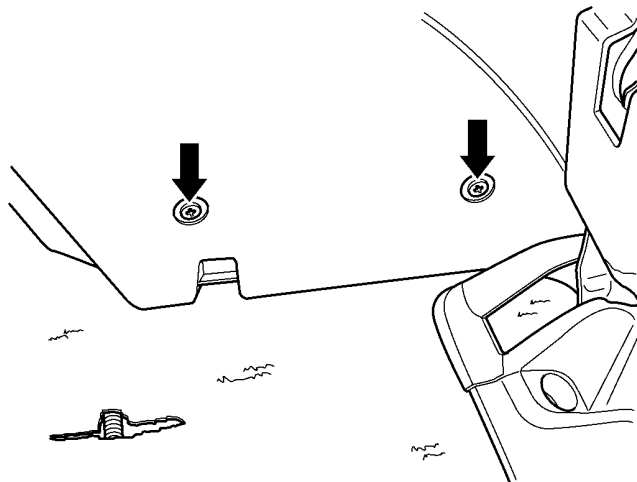


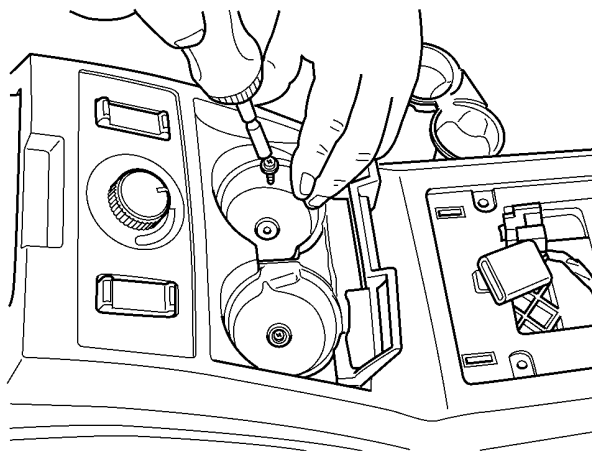
Fig. 7 CONSOLE ASSEMBLY



CENTER CONSOLE LEFT SIDE SCREWS

FUEL LEVEL SENDING UNIT / SENSOR (Continued)

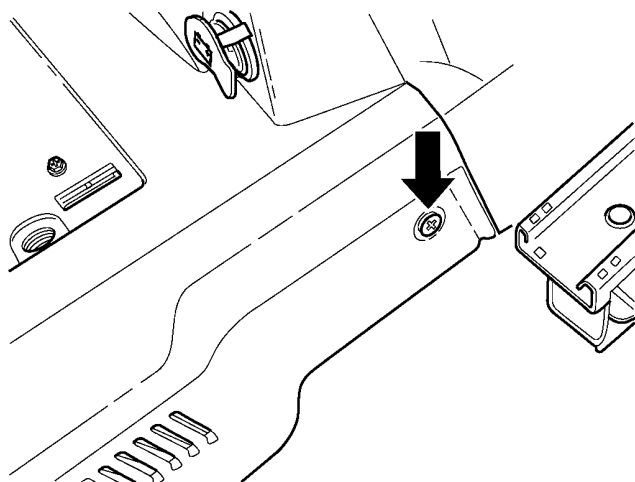
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CENTER CONSOLE RIGHT SIDE SCREWS

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Fig. 8 CENTER CONSOLE CUP HOLDER SCREWS

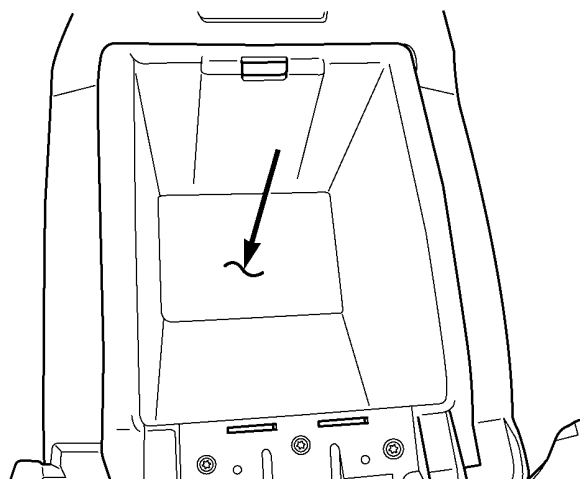
(11) Remove screws (Fig. 10) from console pocket under rubber mat (Fig. 9).



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CENTER CONSOLE FRONT SCREW BOTH SIDES

(10) Remove screws from cup holder pockets (Fig. 8).



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Fig. 9 CENTER CONSOLE COMPARTMENT PAD

FUEL LEVEL SENDING UNIT / SENSOR (Continued)

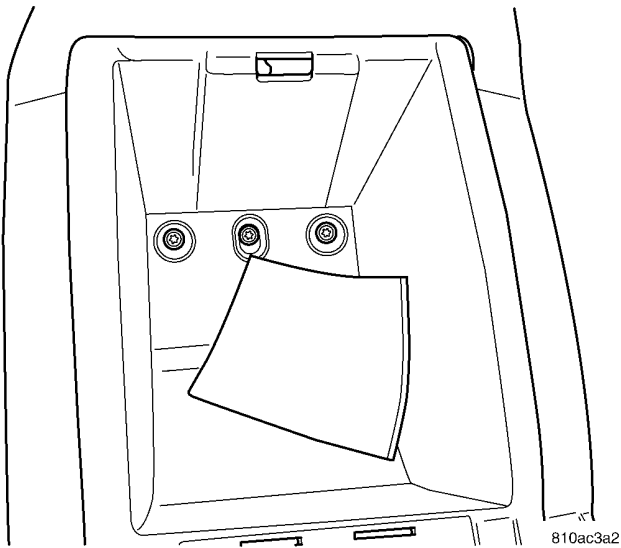


Fig. 10 CENTER CONSOLE COMPARTMENT SCREWS

(12) Remove the left rear door sill plate (Fig. 11).

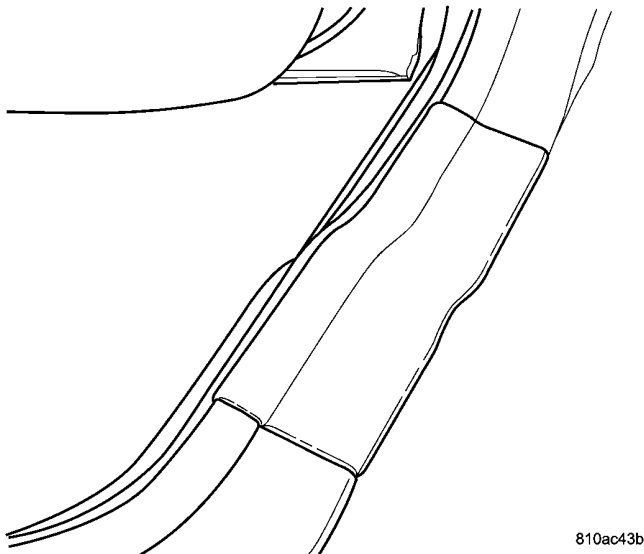


Fig. 11 DOOR SCUFF PLATE

(13) Sill plate removed (Fig. 12).

NOTE: The carpet will have to be cut to access the fuel pump module access cover. Extreme care must be used when cutting the carpet. The cut is made at an angle under the center console mounting bracket.

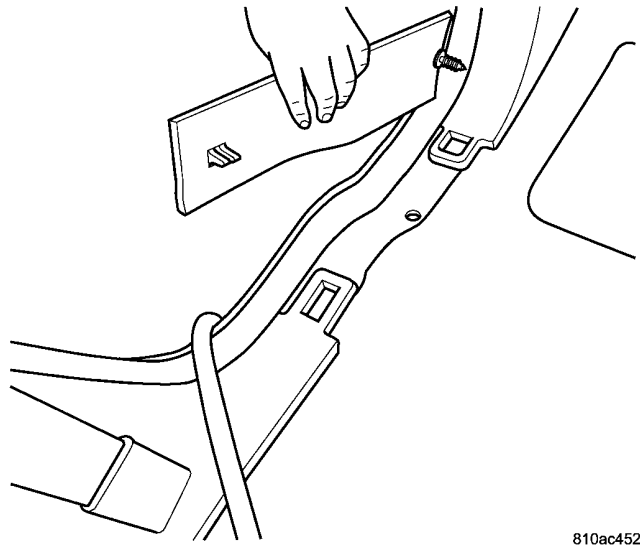
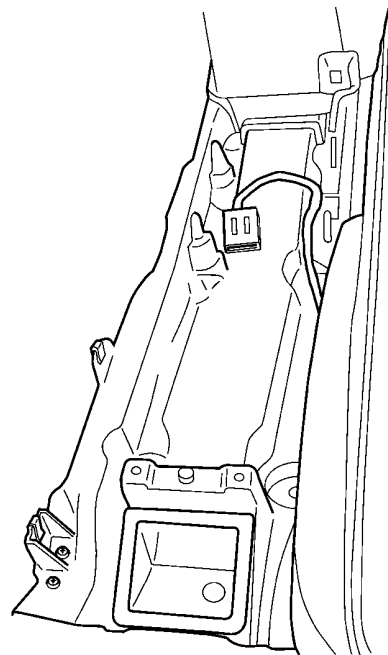


Fig. 12 DOOR SCUFF PLATE REMOVED

(14) Cut carpet along the mounting bracket for the center console. **THE CUT DOES NOT NEED TO BE MORE THAN 1 FOOT LONG (Fig. 13).**

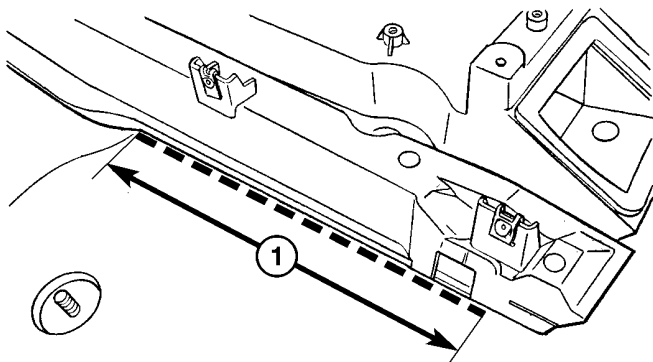


CENTER CONSOLE REMOVED

(15) Pull carpet back to access Fuel Pump Module Cover (Fig. 14).

FUEL LEVEL SENDING UNIT / SENSOR (Continued)

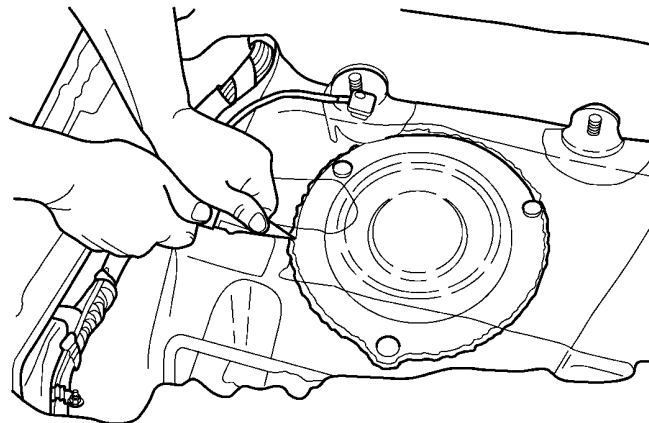
(16) Cut seal for access panel for fuel pump module (Fig. 15) and (Fig. 16).



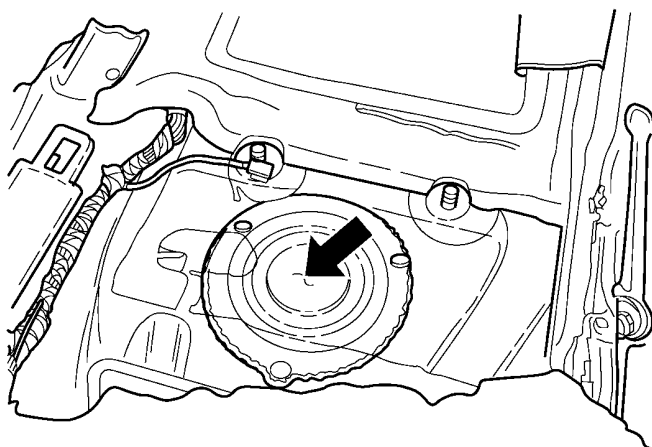
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Fig. 13 WHERE TO CUT CARPET

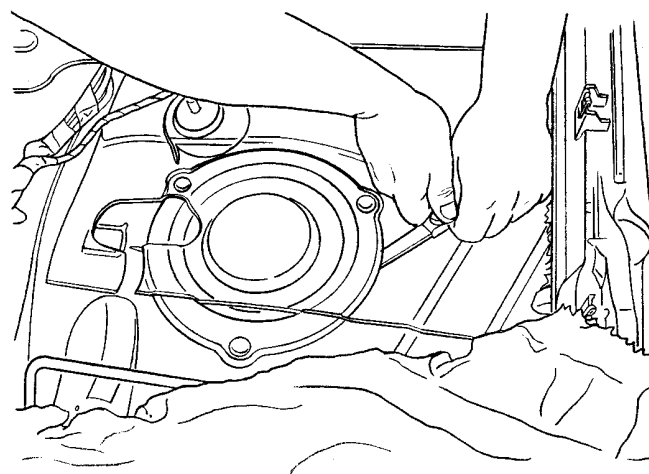
1 - Cut NO longer than 1 Foot



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Fig. 15 CUTTING ACCESS COVER

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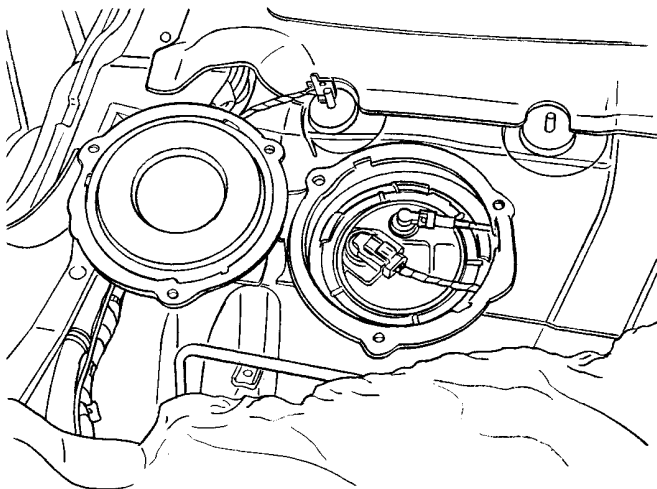
Fig. 14 MODULE ACCESS COVER

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Fig. 16 CUTTING ACCESS COVER

FUEL LEVEL SENDING UNIT / SENSOR (Continued)

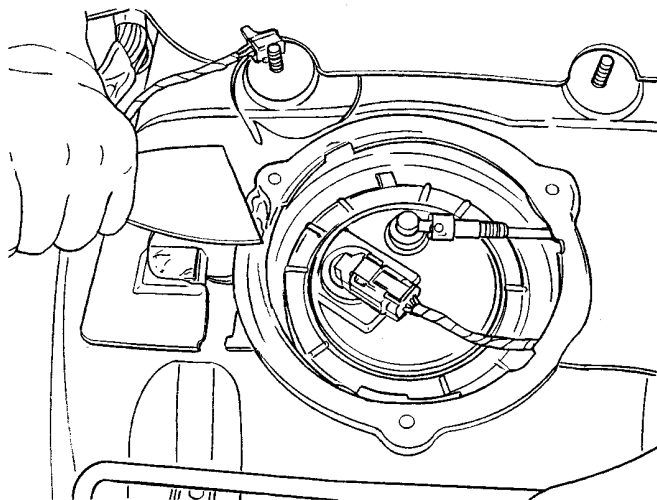
(17) Access cover removed (Fig. 17).



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Fig. 17 ACCESS COVER REMOVED

(18) Clean sealer from floor pan and access cover (Fig. 18).

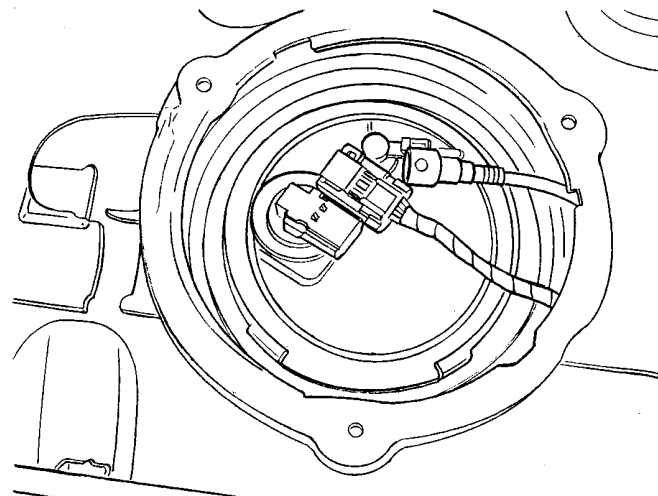


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Fig. 18 REMOVING COVER SEALER

(19) Vacuum area before removing fuel pump module lock ring.

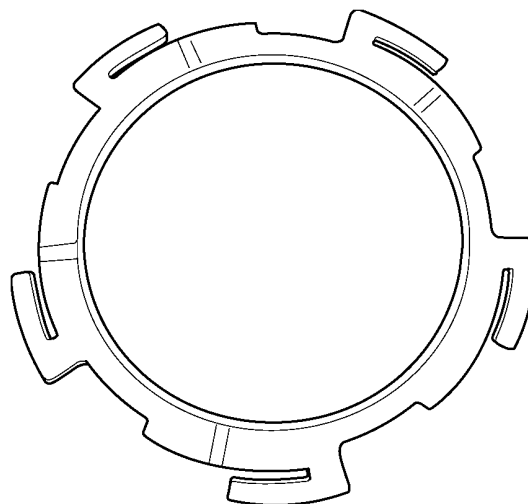
(20) Disconnect the vapor line and electrical connector (Fig. 19).



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Fig. 19 ELECTRICAL & VAPOR CONNECTOR

(21) Fuel Pump Module Lock ring contact points (Fig. 20) and (Fig. 21).

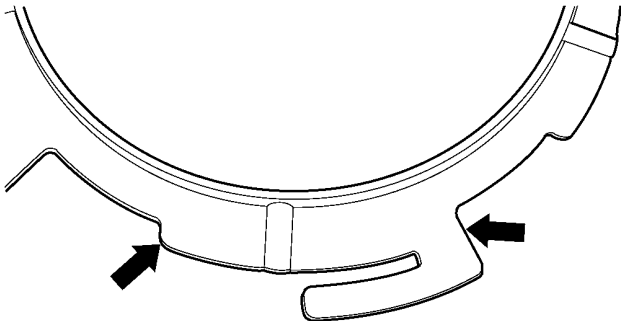


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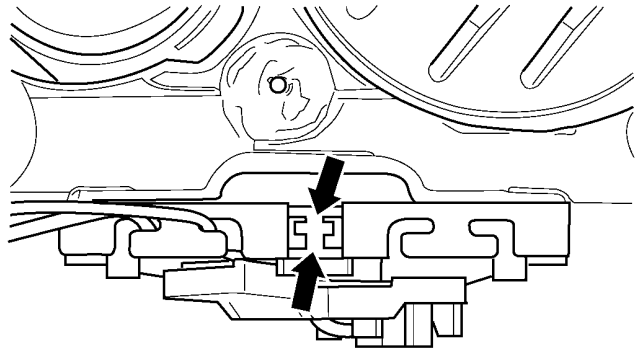
Fig. 20 PUMP MODULE LOCKING RING

(22) Remove the Fuel Pump Module lock ring (Fig. 22).

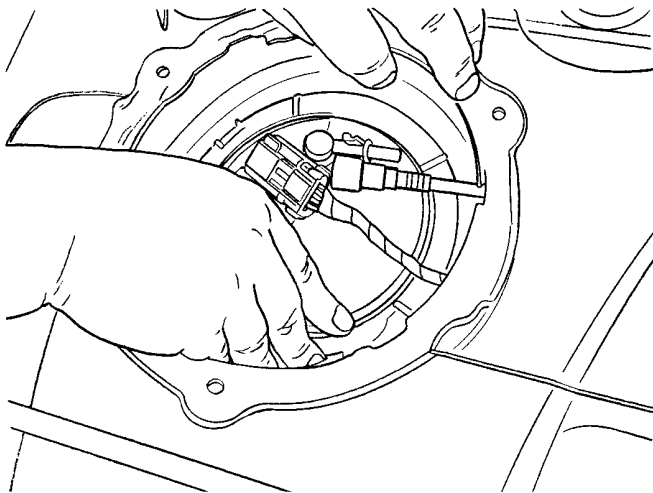
NOTE: Use a brass punch to remove the 1/4 turn lock ring.

FUEL LEVEL SENDING UNIT / SENSOR (Continued)

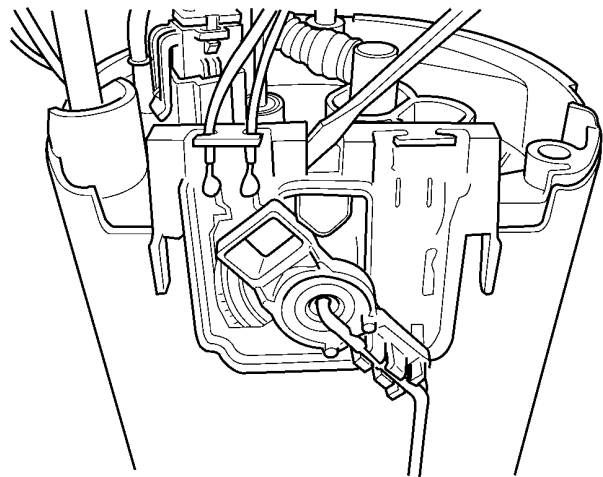
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Fig. 21 LOCKING RING CONTACT POINTS

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Fig. 23 SENDING CARD LOCKING TABS

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Fig. 22 MODULE LOCK RING

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Fig. 24 SENDING CARD REMOVAL

- (23) Remove the fuel pump module top.
- (24) Tip Fuel Pump Module on to it's side to drain fuel from the reservoir in the module.
- (25) Drain Fuel Tank, use an approved GASOLINE draining station.
- (26) Disconnect the electrical connector for the fuel level sending card.
- (27) Remove the fuel level sending card by prying on the locking tab (Fig. 23) and pulling the card down toward the bottom of the pump module. There are 2 locking tabs on the sending card, one on the front and one on the back (Fig. 24).

INSTALLATION

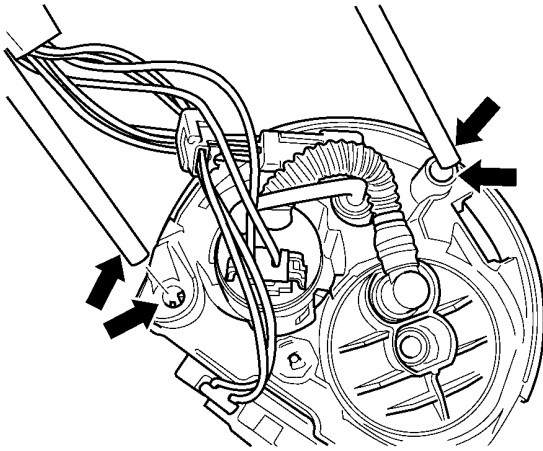
- (1) Install the fuel level sending card to module.

- (2) Connect the electrical connector for the fuel level sending card.
- (3) Install the fuel pump module top to the module (Fig. 25) and (Fig. 26).
- (4) Install the Fuel Pump Module lock ring (Fig. 22).

NOTE: Use a brass punch to install the 1/4 turn lock ring. Make sure all 5 tabs are properly seated.

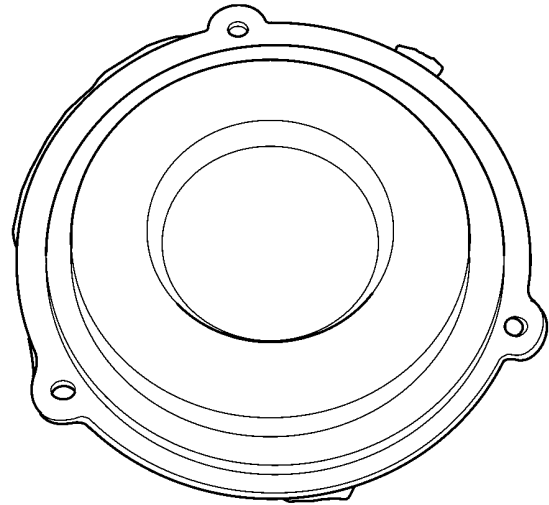
- (5) Connect the vapor line and electrical connector (Fig. 19).
- (6) Connect the negative battery cable.
- (7) Fill fuel tank. Use the DRBIII® scan tool to pressurize the fuel system. Check for leaks.
- (8) Disconnect the negative battery cable.

FUEL LEVEL SENDING UNIT / SENSOR (Continued)



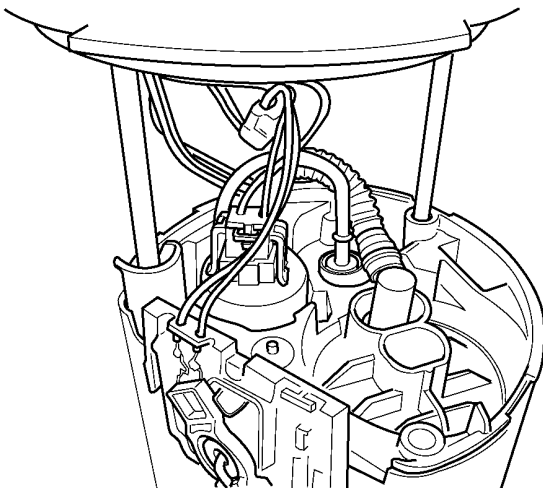
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Fig. 25 MODULE TOP ALIGNMENT PINS



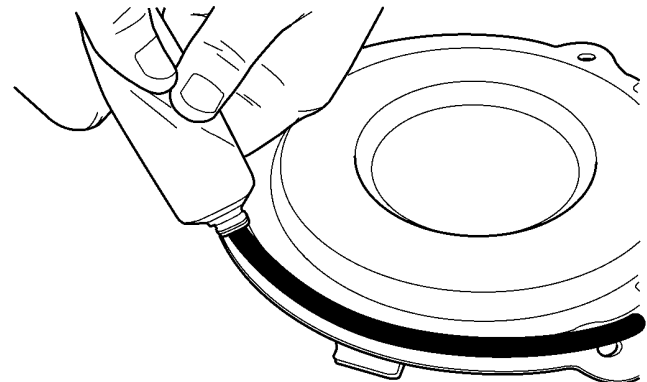
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Fig. 27 ACCESS PANEL BOTTOM



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Fig. 26 Alignment PINS IN PLACE



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Fig. 28 ACCESS PANEL SEALER

(9) Clean sealer from floor pan and access cover (Fig. 27).

(10) Apply sealer to the outer edge of the access cover and around the push pin holes (Fig. 28).

(11) Install the access cover (Fig. 29).

(12) Install the push pins into the holes (Fig. 30).

(13) Pull carpet back into place.

(14) Install the left rear door sill plate (Fig. 11).

(15) Install screws (Fig. 10) into console pocket under rubber mat (Fig. 9).

(16) Install screws into cup holder pockets (Fig. 8).

(17) Install the 14 screws for the mounting of the rear center console.

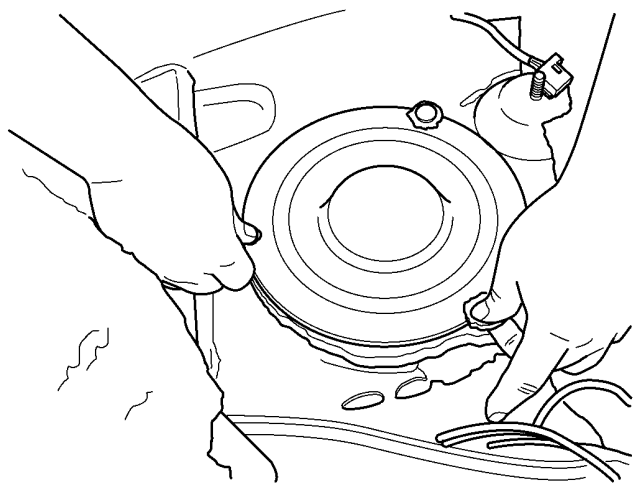
(18) Connect the rear console electrical connector (Fig. 6).

(19) Install the rear console scuff plate (Fig. 5).

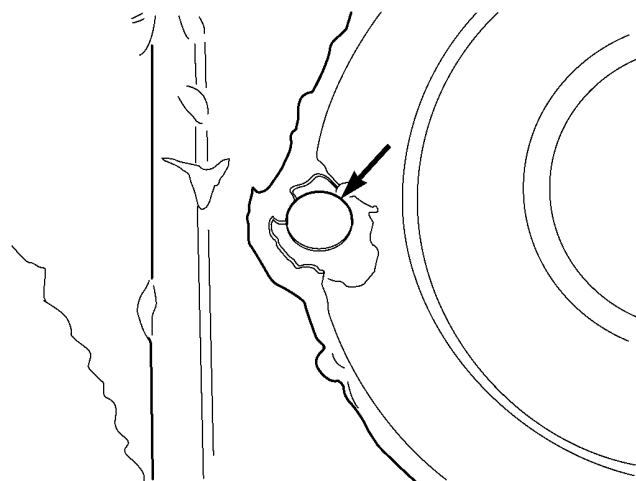
(20) Install seat into vehicle (Fig. 4).

(21) Connect the seat electrical connector (Fig. 3).

(22) Install the 2 mounting nuts for the rear seat (Fig. 2).

FUEL LEVEL SENDING UNIT / SENSOR (Continued)

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Fig. 29 INSTALLING ACCESS PANEL

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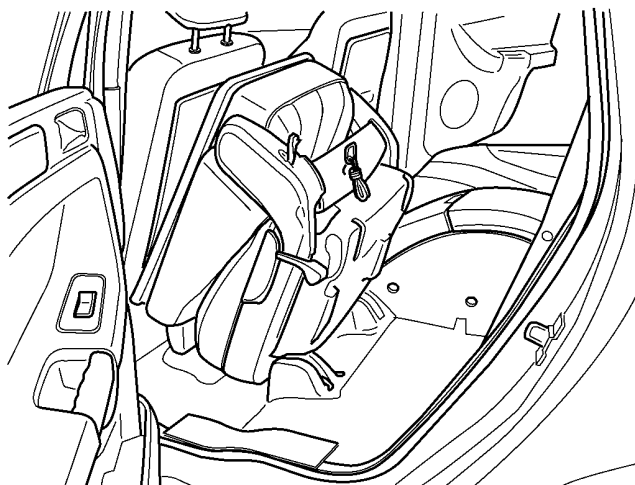
Fig. 30 PANEL PUSH PINS

- (23) Vacuum vehicle.
- (24) Connect the negative battery cable.

FUEL PRESSURE REGULATOR**REMOVAL**

NOTE: THE FUEL PRESSURE REGULATOR IS ON THE PASSENGER SIDE OF THE FUEL TANK. THE ART SHOWS THE DRIVER SIDE, IT IS THE OPPOSITE FOR THE PASSENGER SIDE.

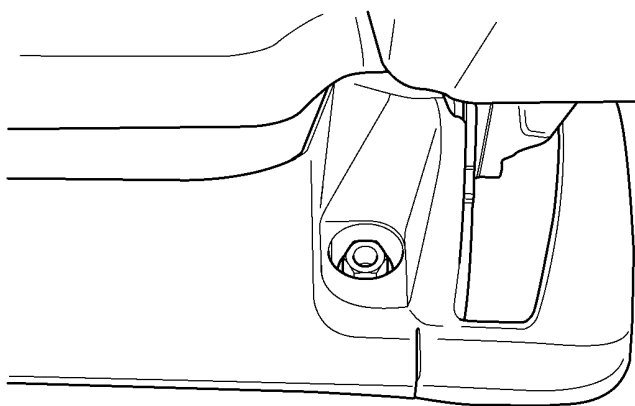
- (1) Release the fuel pressure, refer to the Fuel Pressure Release Procedure in this section.
- (2) Disconnect the negative battery cable.
- (3) Fold the driverside rear seat, and tilt forward (Fig. 31).



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Fig. 31 REAR SEAT

- (4) Remove the 2 mounting bolts for the rear seat (Fig. 32).



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Fig. 32 REAR SEAT MOUNTING

- (5) Disconnect the seat electrical connector (Fig. 33).
- (6) Remove seat from vehicle (Fig. 34).
- (7) Remove the rear console scuff plate (Fig. 35).