


Seat Cushion Cover — Front

Special Tool(s)

	Vehicle Communication Module (VCM) and Integrated Diagnostic System (IDS) software with appropriate hardware, or equivalent scan tool
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Removal and Installation

NOTICE: To prevent system failure, it is necessary to carry out the Occupant Classification Sensor (OCS) system reset when a front passenger seat cushion is disassembled, a new trim cover is installed or an **OCS** system service kit is installed. A scan tool is used to carry out the **OCS** system reset.

NOTICE: Use care when separating the seat cushion trim cover from the hook-and-loop strip. The hook-and-loop strip can be torn from the seat cushion foam.

NOTE: If a driver or passenger seat cushion heater mat is faulty, a new seat cushion foam pad must be installed with the heater mat. Do not reuse the original seat cushion foam pad.

NOTE: When installing an Occupant Classification Sensor (OCS) system service kit equipped with heated seats, a new seat cushion heater mat must be installed. Do not reuse the OEM **OCS** seat cushion heater mat. The **OCS** system service kit does not come with a new seat cushion heater mat.

NOTE: The air bag warning indicator illuminates when the correct Restraints Control Module (RCM) fuse is removed and the ignition switch is ON.

NOTE: The Supplemental Restraint System (SRS) must be fully operational and free of faults before releasing the vehicle to the customer.

All seats

1. Remove the front seat. For additional information, refer to [Seat — Front](#) in this section.
2. Remove the front seat backrest. For additional information, refer to [Seat Backrest — Front](#) in this section.
3. Release all seat cushion trim cover-to-cushion frame retainers.
4. Separate the hook-and-loop strips, remove the hog rings and separate the cushion trim cover from the cushion foam pad.
5. To install, reverse the removal procedure.
6. Install the seat. For additional information, refer to [Seat — Front](#) in this section.
7. Repower the **SRS**. **If the passenger seat has been serviced, do not prove out the **SRS** at this time.** For additional information, refer to Supplemental Restraint System (SRS) Depowering and Repowering in the General Procedures portion of [Section 501-20B](#).

Passenger seat

8.  **WARNING:** Make sure the front passenger seat repair is complete, the seat and all attached

components (head restraint, seat side shield, etc.) are correctly assembled, and the seat is correctly installed to the vehicle before carrying out the System Reset. Failure to follow these instructions may result in incorrect operation of the occupant classification sensor (OCS) system and increases the risk of serious personal injury or death in a crash.



WARNING: Install a new occupant classification sensor (OCS) system service kit as a complete assembly. Never install only part of the kit components. Failure to follow this instruction may result in incorrect operation of the OCS system and increases the risk of serious personal injury or death in a crash.

NOTICE: To prevent system failure, the following precautions must be taken before carrying out the Occupant Classification Sensor (OCS) system reset:

- Make sure the voltage to the Occupant Classification System Module (OCSM) is above 8 volts and less than 18 volts.
- Make sure the **OCS** system is not at a temperature below 6°C (42°F) or above 36°C (97°F) when initiating the **OCS** system reset process. If the vehicle has been exposed to extreme cold or hot temperatures, the vehicle must be exposed and kept at a temperature within the limits, 6°C to 36°C (42°F to 97°F) for a minimum of 30 minutes.
- Make sure nothing is present on the passenger seat before carrying out the **OCS** system reset and nothing is placed on the seat during the process.
- Make sure a minimum 8-second time period has passed after cycling the ignition switch ON before the carrying out the **OCS** system reset process.

Carry out the **OCS** system reset.

9. If the first system reset attempt was unsuccessful, carry out a thorough visual inspection of the following and repair any concerns found.
 - **OCS** system connector and wiring for damage
 - Pressure sensor hose for kinks and/or damage
 - Seat-related wiring harness and body wiring harness terminals and connectors for damage
10. **NOTE:** The ignition switch must be cycled after the **OCS** system reset.

Carry out a second **OCS** system reset. If the second attempt is unsuccessful, install a new **OCS** system service kit. For additional information, refer to Occupant Classification Sensor in [Section 501-20B](#).

All seats

11. Prove out the **SRS** as follows:

Turn the ignition key from ON to OFF. Wait 10 seconds, then turn the key back to ON and visually monitor the air bag warning indicator with the air bag modules installed. The air bag warning indicator will light continuously for approximately 6 seconds and then turn off. If an air bag **SRS** fault is detected, the air bag warning indicator will:

 - fail to light.
 - remain lit continuously.
 - flash.

The flashing might not occur until approximately 30 seconds after the ignition switch has been turned from the OFF to the ON position. This is the time required for the **RCM** to complete the testing of the **SRS**. If the air bag warning indicator is inoperative and a **SRS** fault exists, a chime will sound in a pattern of 5 sets of 5 beeps. If this occurs, the air bag warning indicator and any **SRS** fault discovered must be diagnosed and repaired.

Clear all continuous DTCs from the **RCM** using a scan tool.
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