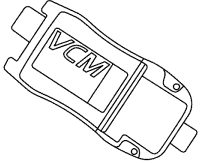


REMOVAL AND INSTALLATION

Seat Backrest — Front

Special Tool(s)

 <p>ST2834-A</p>	<p>Vehicle Communication Module (VCM) and Integrated Diagnostic System (IDS) software with appropriate hardware, or equivalent scan tool</p>
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Removal and Installation

⚠ WARNING: Always wear safety glasses when repairing an air bag supplemental restraint system (SRS) vehicle and when handling an airbag module. This will reduce the risk of injury in the event of an accidental deployment.

⚠ WARNING: To reduce the risk of personal injury, do not use any memory saver devices.

⚠ WARNING: After deployment, the air bag surface can contain deposits of sodium hydroxide, a product of the gas generant combustion that is irritating to the skin. Wash your hands with soap and water afterwards.

⚠ WARNING: Never probe the connectors on the air bag module. Doing so can result in air bag deployment, which can result in personal injury.

⚠ CAUTION: It is necessary to carry out the occupant classification sensor (OCS) system reset when a front passenger seat backrest is separated from the seat cushion, the seat cushion is disassembled, a new trim cover is installed or an OCS service kit is installed. A scan tool is used to trigger the active command to carry out the OCS system reset.

NOTE: If a seat equipped with a supplemental restraint system (SRS) component is being serviced, the supplemental restraint system (SRS) must be depowered.

NOTE: The air bag warning lamp illuminates when the restraints control module (RCM) fuse is removed and the ignition switch is ON. This is normal operation and does not indicate a supplemental restraint system (SRS) fault.

NOTE: The SRS must be fully operational and free of faults before releasing the vehicle to the customer.

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

All seats

1. Position the seat to gain access to the seat track-to-floor nuts and bolts.
2. Depower the SRS. For additional information, refer to Supplemental Restraint System (SRS) Depowering and Repowering in the General Procedures portion of Section 501-20B.
3. Remove the front seat. For additional information, refer to Seat — Front in this section.
4. Remove the clip and the recline handle.

Driver seat with manual height adjust

5. Remove the manual height adjust handle center cover.
6. Remove the 2 screws and the manual height adjust handle.

All seats

7. **⚠ CAUTION:** Inspect the cushion side shield retaining clips for damage. Install new retainers if damage is present.

Remove the screw at the rear of the cushion side shield. Pull out on the side of the cushion side shield, release the retaining clips and pin-type retainer and separate the side shield.

- Vehicles with a manual seat, remove the cushion side shield.

REMOVAL AND INSTALLATION (Continued)

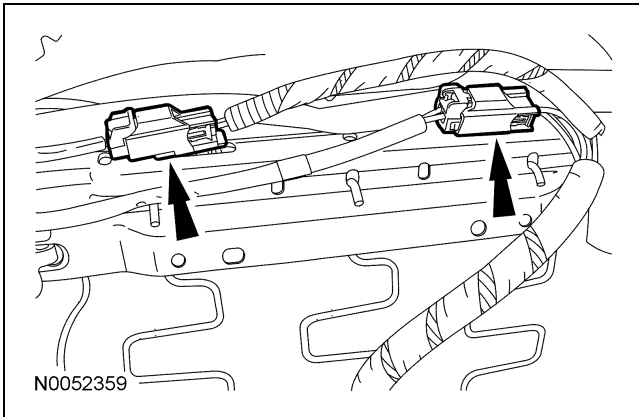
Seats with side air bags

- Separate the side air bag module electrical connector and the wire harness pin-type retainers from the seat track bracket and cushion frame.

Driver seat with power lumbar and heated seats

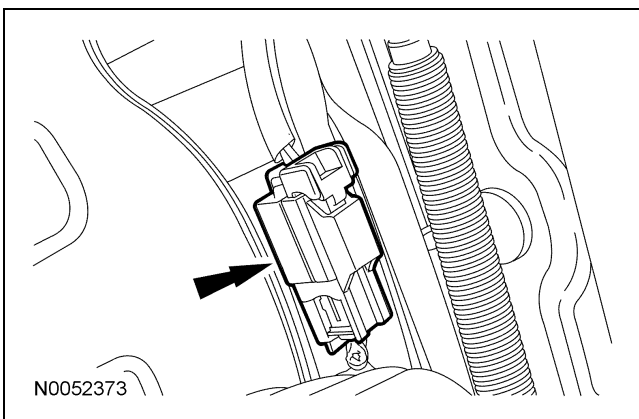
- NOTE:** Note the harness routing for installation.

Release the cushion trim cover rear lower J-clip and disconnect the power lumbar and heated seat cushion electrical connector and separate the connectors from the seat cushion frame.



- NOTE:** Note the harness routing for installation.

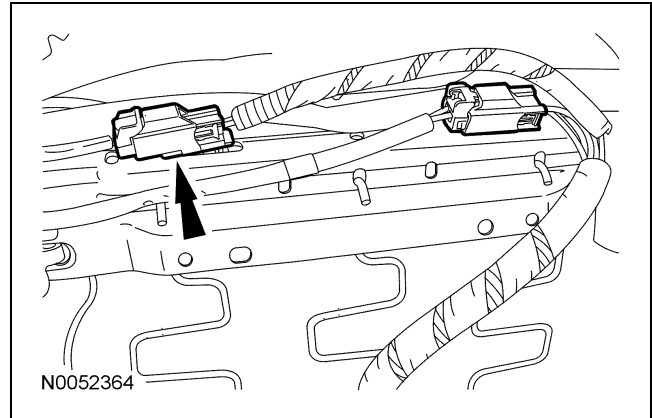
Disconnect the backrest heated seat electrical connector and separate it from the bottom of the seat cushion frame.



Passenger heated seat

- NOTE:** Note the harness routing for installation.


Release the cushion cover rear J-clip and disconnect the backrest heated seat electrical connector and detach the connector from the seat cushion frame.





All seats


- Remove the 2 outboard recliner-to-cushion frame bolts.
 - To install, tighten to 55 Nm (41 lb-ft).
- At the rear inboard side of the seat, release the cushion trim cover flap from the cushion frame bracket.
- Remove the 2 inboard recliner-to-cushion frame bolts and remove the backrest.
 - To install, tighten to 55 Nm (41 lb-ft).
- To install, reverse the removal procedure.
- Install the seat. For additional information, refer to Seat — Front in this section.
- 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.

REMOVAL AND INSTALLATION (Continued)**Passenger seat**

18.  **WARNING:** Do not separate the occupant classification sensor (OCS) system components. Failure to follow these instructions could increase the risk of injury in a collision.

 **CAUTION:** It is necessary to carry out the occupant classification sensor (OCS) system reset when a front passenger seat backrest is separated from the seat cushion, the seat cushion is disassembled, a new trim cover is installed or an OCS service kit is installed. A scan tool is used to trigger the active command to carry out the OCS system reset.

 **CAUTION:** Make sure the seat is completely assembled before carrying out the system reset.

 **CAUTION:** The following precautions must be taken before carrying out the OCS system reset.

- Make sure the OCS system components are connected and no faults are present.
- Make sure the OCS system is not at a temperature below 0°C (32°F) or above 45°C (113°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, 0°C to 45°C (32°F to 113°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 OCS system reset process.

NOTE: For best results, the OCS system should be at or near room temperature, 10°C to 29°C (50°F to 85°F).

NOTE: If the first attempt to carry out the OCS system reset is unsuccessful, a second attempt must be made.

Carry out the OCS system reset active command using the scan tool.

- With the front passenger seat empty, use a scan tool to trigger the active command.

19. **NOTE:** The ignition switch must be cycled after the OCS system reset.

Cycle the ignition switch from ON to OFF.

All seats

20. 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 indicator with the air bag modules installed. The air bag indicator will light continuously for approximately 6 seconds and then turn off. If an air bag SRS fault is present, the air bag 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 restraints control module (RCM) to complete the testing of the SRS. If the air bag 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 indicator and any SRS fault discovered must be diagnosed and repaired.

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

REMOVAL AND INSTALLATION (Continued)