

Restraints Control Module (RCM)

Removal

⚠ **WARNING:** The following procedure prescribes critical repair steps required for correct restraint system operation during a crash. Follow all notes and steps carefully. Failure to follow step instructions may result in incorrect operation of the restraint system and increases the risk of serious personal injury or death in a crash.

NOTE: Removal steps in this procedure may contain installation details.

1. ⚠ **WARNING:** Before beginning any service procedure in this manual, refer to health and safety warnings in section 100-00 General Information. Failure to follow this instruction may result in serious personal injury.

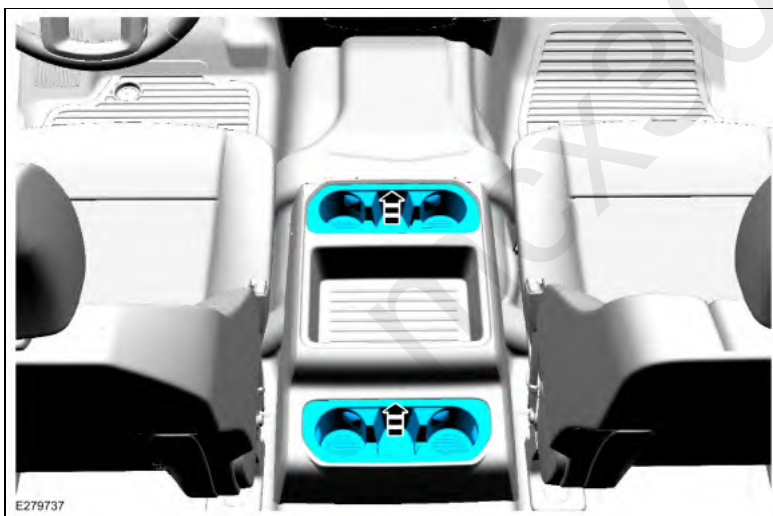
Refer to: Pyrotechnic Device Health and Safety Precautions (100-00 General Information, Description and Operation).

2. **NOTE:** This step is only necessary when installing a new component.

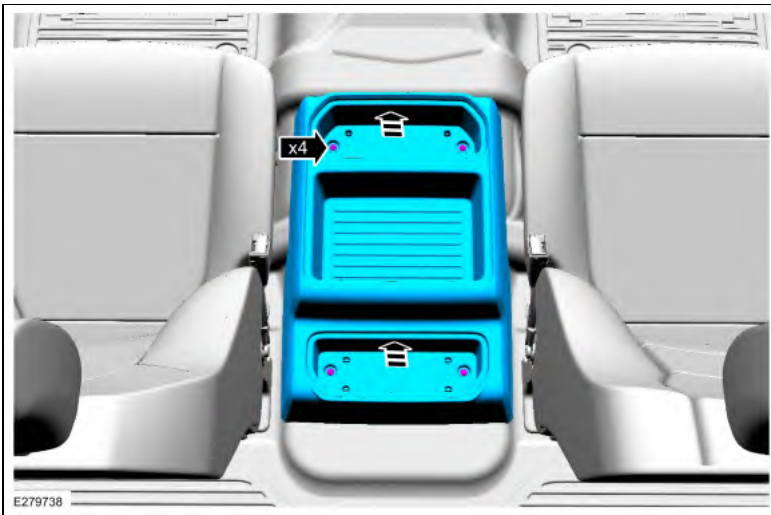
NOTE: The PMI process must begin with the current RCM installed. If the current RCM does not respond to the diagnostic scan tool, the tool may prompt for As-Built Data as part of the repair.

Using a diagnostic scan tool, begin the PMI process for the RCM following the on-screen instructions.

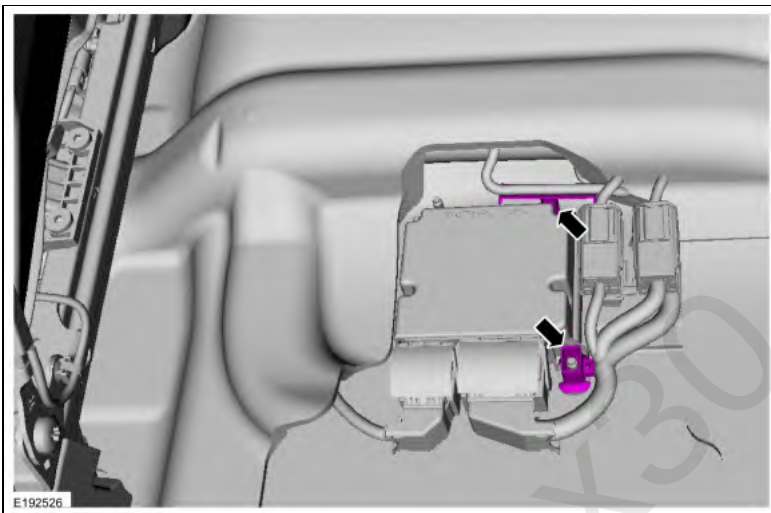
3. Depower the SRS.
Refer to: Supplemental Restraint System (SRS) Depowering (501-20B Supplemental Restraint System, General Procedures).
4.
 - If equipped.
Remove the floor console.
Refer to: Floor Console (501-12 Instrument Panel and Console, Removal and Installation).
 - If equipped.
Remove the front center seat.
Refer to: Front Center Seat (501-10A Front Seats, Removal and Installation).
5. If equipped.
Remove the cupholder inserts.



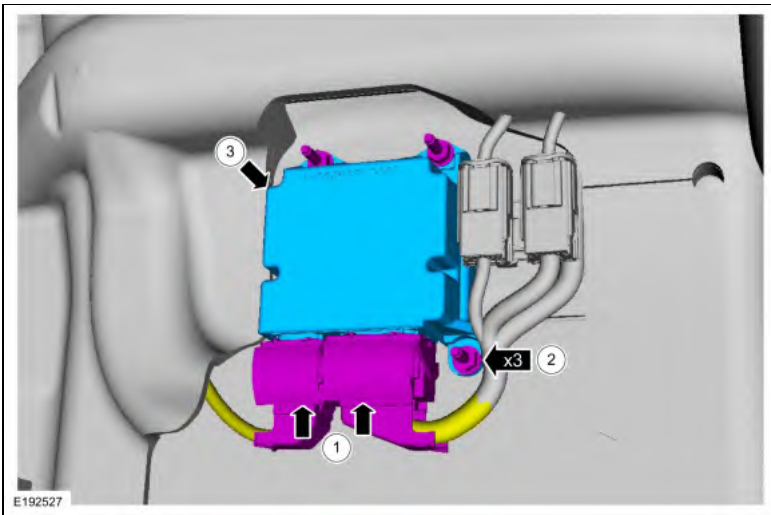
6. If equipped.
Remove the screws and the consolette.



7. Detach the wire harness retainers.



8.
 1. Disconnect the RCM electrical connectors.
 2. Remove the bolts.
Torque: 106 lb.in (12 Nm)
 3. Remove the RCM.



Installation

WARNING: Incorrect repair techniques or actions can cause an accidental Supplemental Restraint System deployment. Make sure the restraint system is depowered before reconnecting the component. Refer to the Supplemental Restraint System depowering General Procedure in section 501-20B. Failure to precisely follow depowering instructions could result in serious personal injury from an accidental deployment.

1. To install, reverse the removal procedure.
2. Repower the SRS. For a new RCM, do not prove out the SRS at this time.
Refer to: Supplemental Restraint System (SRS) Depowering (501-20B Supplemental Restraint System, General Procedures).
3. **NOTE:** This step is only necessary when installing a new component.

Using a diagnostic scan tool, complete the PMI process for the RCM following the on-screen instructions.

4. **NOTE:** This step is only necessary when installing a new component.

Using a diagnostic scan tool, carry out the ABS module initialization following the on-screen instruction.

5.
 - If a new RCM was installed, prove out the SRS as follows: Turn the ignition from ON to OFF. Wait 10 seconds, then turn the ignition back to ON and monitor the air bag warning indicator with the air bag modules installed. The air bag warning indicator illuminates continuously for approximately 6 seconds and then turns off. If a SRS fault is present, the air bag warning indicator either fails to light, remains lit continuously or flashes.
 - The flashing might not occur until approximately 30 seconds after the ignition has been turned from OFF to ON. 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 sounds in a pattern of 5 sets of 5 beeps. If this occurs, diagnose and repair the air bag warning indicator and any SRS faults.