

Battery Energy Control Module B (BECMB)

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.

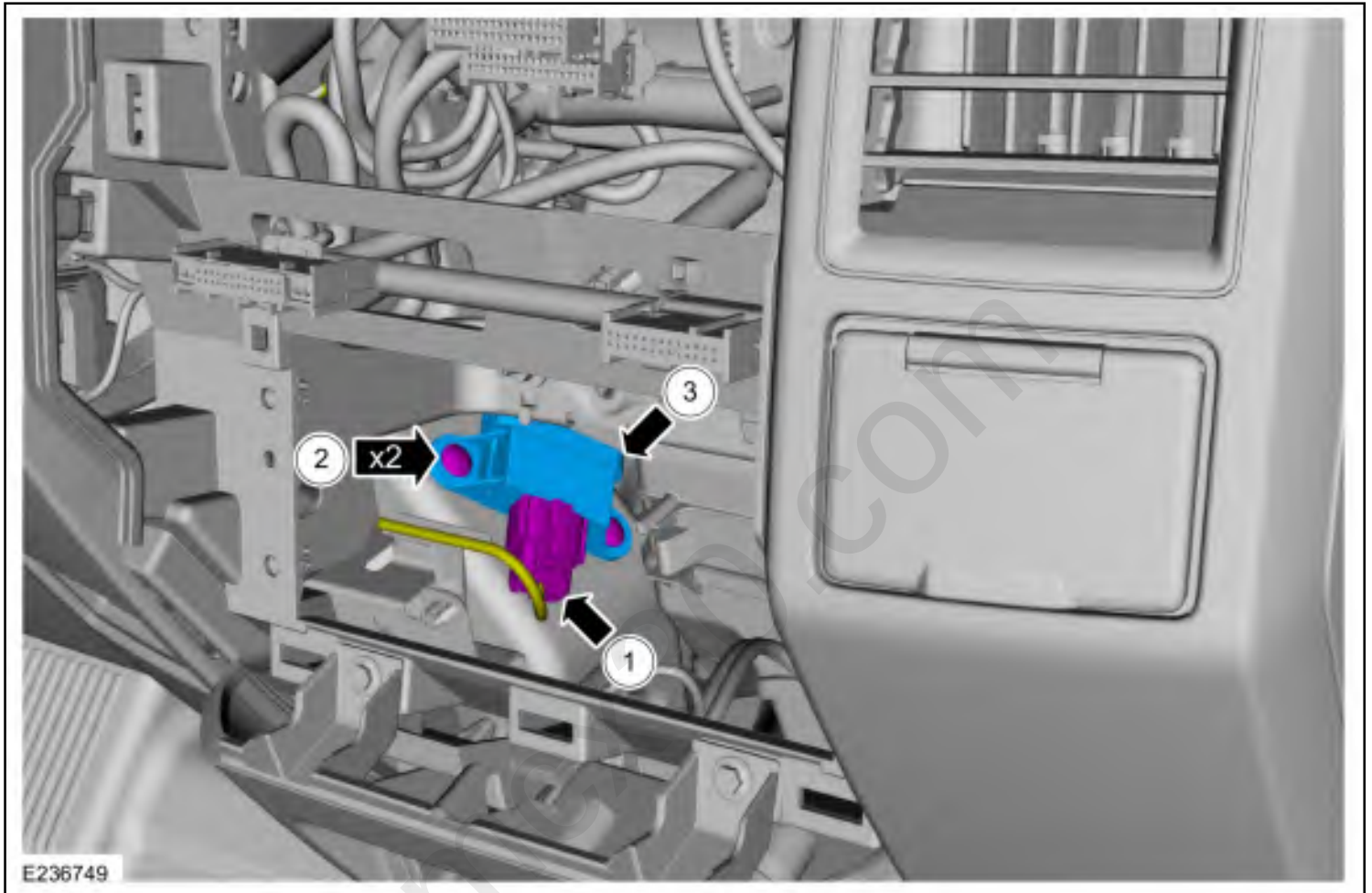
NOTE: The PMI process must begin with the current BECMB installed. If the current BECMB does not respond to the diagnostic scan tool, the tool may prompt for As-Built Data as part of the repair.

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

3. Depower the SRS.
Refer to: [Supplemental Restraint System \(SRS\) Depowering](#) (501-20B Supplemental Restraint System, General Procedures).
4. Remove the ACM.
Refer to: [Audio Front Control Module \(ACM\)](#) (415-00A Information and Entertainment System - General Information - Vehicles Without: SYNC, Removal and Installation).
Refer to: [Audio Front Control Module \(ACM\)](#) (415-00B Information and Entertainment System - General Information - Vehicles With: SYNC Without Touchscreen, Removal and Installation).
Refer to: [Audio Front Control Module \(ACM\)](#) (415-00C Information and Entertainment System -

General Information - Vehicles With: Touchscreen Display, Removal and Installation).
Refer to: Audio Front Control Module (ACM) (415-00D) .

1. Disconnect the electrical connector.
2. Remove the retainers.
3. Remove the BECMB.



Installation

⚠ WARNING: Incorrect repair techniques or actions can cause an accidental pyrotechnic device deployment. Make sure the supplemental restraint and pedestrian protection system (if equipped) is depowered before reconnecting the component. Refer to the 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 BECMB, do not prove out the SRS at this time.
Refer to: [Supplemental Restraint System \(SRS\) Repowering](#) (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 BECMB following the on-screen instructions.

- If a new BECMB 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 airbag warning indicator with the airbag modules installed. The airbag warning indicator illuminates continuously for approximately 6 seconds and then turns off. If a SRS fault is present, the airbag 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 BECMB to complete the testing of the SRS. If the airbag 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 airbag warning indicator and any SRS faults.