

Battery Disconnect and Connect

Disconnect

NOTICE: Be careful not to damage the battery monitoring sensor when removing the terminal from the battery post. Do not pry on the terminals or component damage may occur.

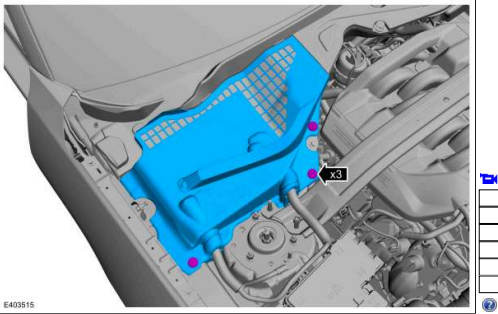
NOTE: When the battery is disconnected and connected, some abnormal drive symptoms may occur while the vehicle relearns its adaptive strategy. The vehicle may need to be driven to allow the *PCM* to relearn the adaptive strategy values.

NOTE: For vehicles equipped with an electric park brake, a warning message displays in the message center for "park brake malfunction service immediately" when the ignition is on and the 12 volt battery has been disconnected. Follow the steps in the connect portion of this procedure to clear the warning message.

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

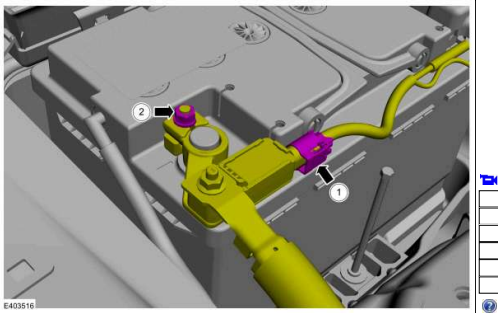
NOTE: Left hand drive (LHD) shown, right hand drive (RHD) similar.

1. Refer to: [Battery and Battery Charging Health and Safety Precautions](#) (100-00 General Information, Description and Operation).
2. Remove the retainers and the battery cover.

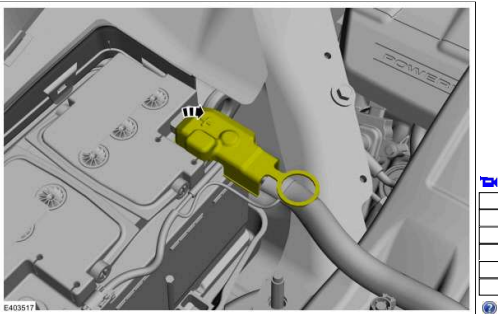


3. **NOTE:** Disconnecting the negative battery cable to interrupt power to the vehicle electrical system. It is not necessary to disconnect the positive battery cable.

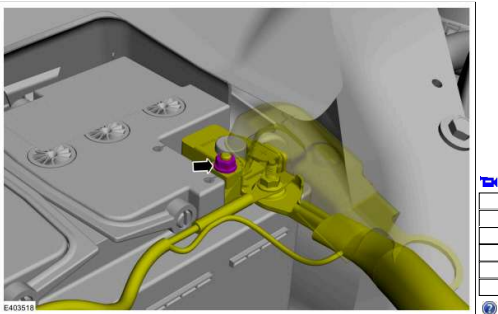
1. Disconnect the battery monitoring sensor electrical connector.
 2. Loosen, but do not remove the nut. Position the negative battery cable aside.
- Torque: 48 lb.in (5,4 Nm)



4. Position the positive battery terminal cover.



5. Loosen, but do not remove the nut. Position the positive battery cable aside.
- Torque: 48 lb.in (5,4 Nm)



Connect

1. To connect, reverse the disconnect procedure.
2. **NOTE:** Carry out this step if the vehicle is equipped with an electric park brake and the message "parking brake malfunction, service immediately" is displayed in the message center.
Press the brake pedal and release the electric park brake. Then apply the electric park brake.
3. For vehicles with window one-touch open and close front windows, perform the power door window initialization.
Refer to: [Power Door Window Initialization](#) (501-11 Glass, Frames and Mechanisms, General Procedures).