

Battery Cable: Service and Repair

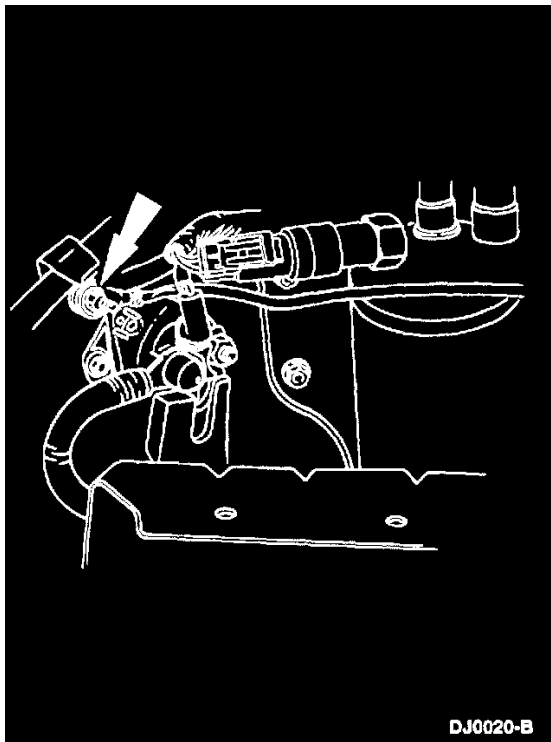
Primary

REMOVAL

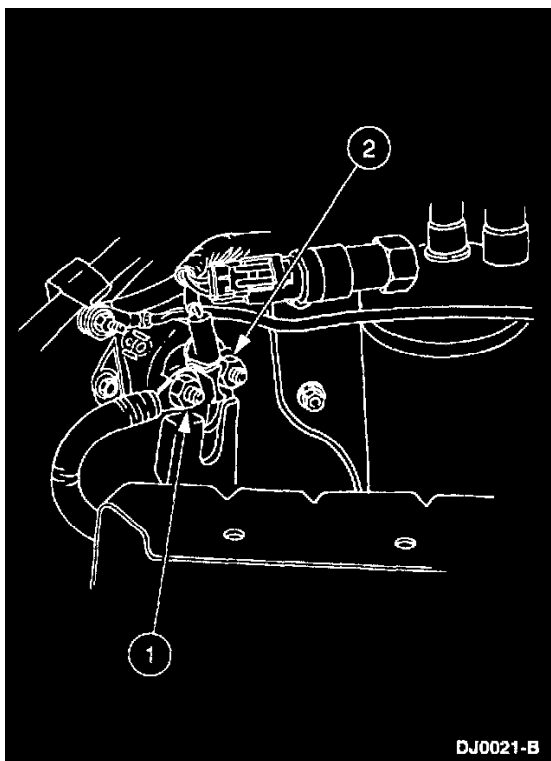
1. Disable the vehicle electrical supply.

CAUTION: Failure to accurately follow the battery disconnect procedures will result in vehicle or component damage.

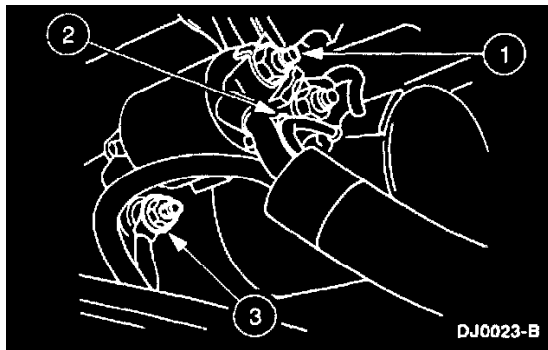
2. Disconnect the primary battery positive cable, and remove the hold-down wedge and the primary battery.
3. Remove the four bolts retaining the battery tray and remove the battery tray.



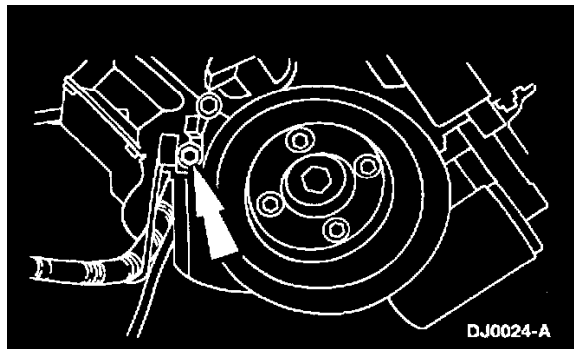
4. Remove the primary battery negative cable ground nut and disengage the eyelet terminal.
5. Remove the starter motor relay B+ terminal rubber cap.



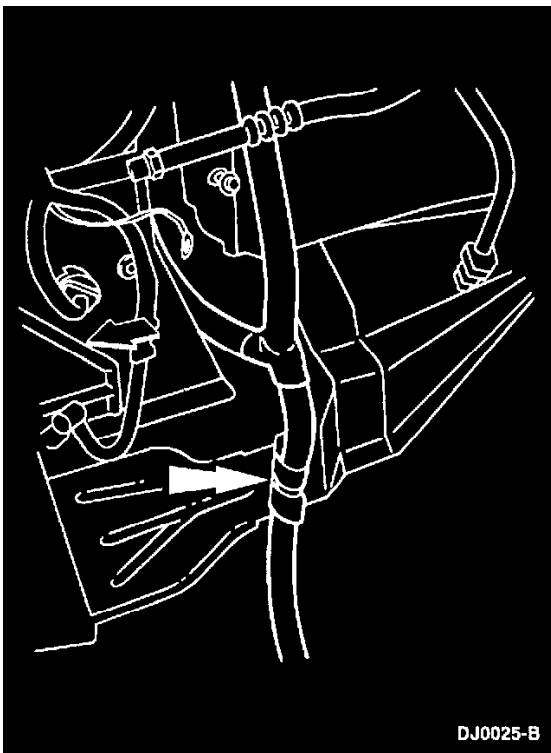
6. Remove the starter motor relay eyelet terminals.
 1. Remove the B+ terminal nut and disengage the wire.
 2. Remove the enable terminal nut and disengage the wire.
7. Remove the three harness locators in between the primary battery tray mounts.



8. Remove the starter motor/solenoid eyelet terminals.
 1. Remove the B+ terminal nut and disengage the wire.
 2. Remove the enable nut and disengage the wire.
 3. Remove the ground nut and disengage the wire.
9. Disengage the three engine splash shield plastic clips and remove the engine splash shield.

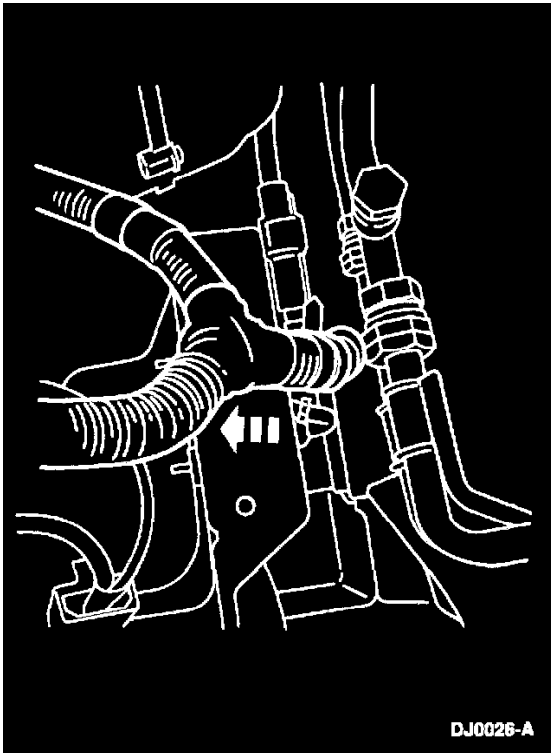


10. Remove the transmission cooler line/primary battery cable bracket nut.
11. Pull the primary battery cable assembly through the engine support crossmember under the vehicle.



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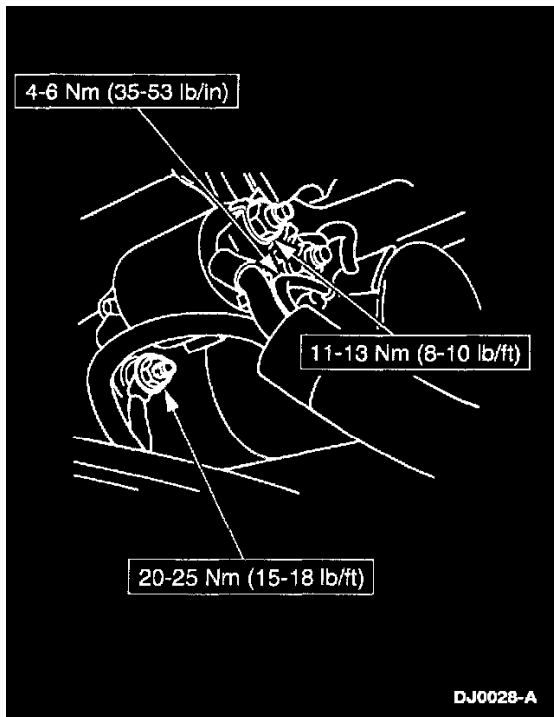
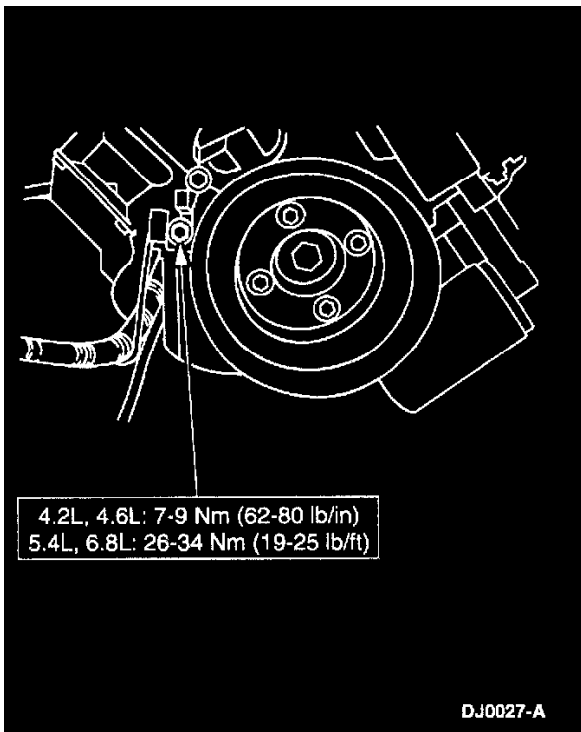
12. Disengage the harness locator, located below the battery tray mounts.

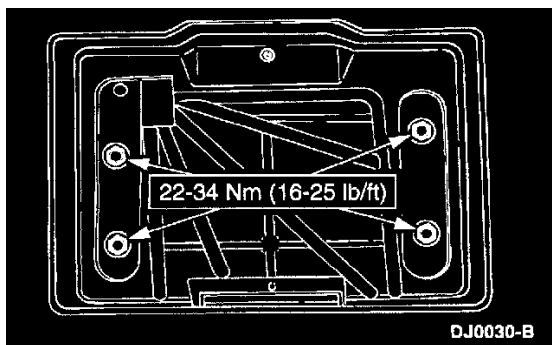
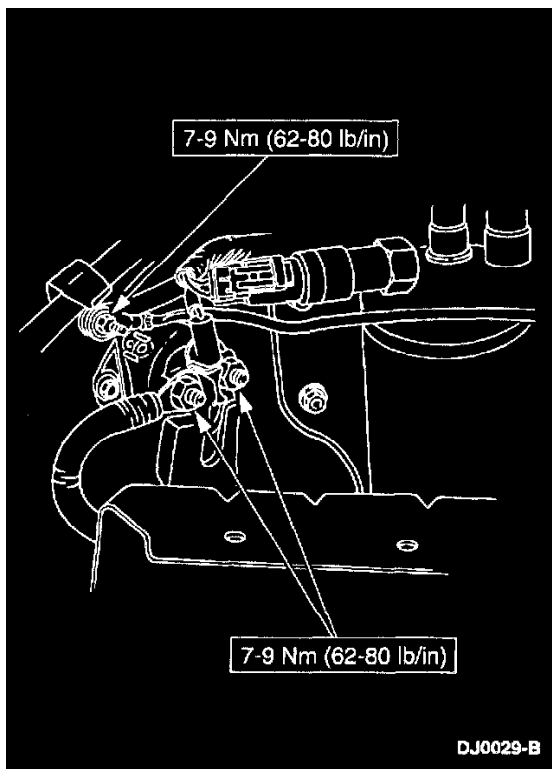


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13. Pull the primary battery cable assembly out of the vehicle from the engine compartment.

INSTALLATION





1. Follow the removal procedure in reverse order.

CAUTION: Failure to accurately follow the battery reconnect procedures will result in vehicle or component damage.

NOTE: When the battery has been disconnected and reconnected, some abnormal drive symptoms may occur while the powertrain control module relearns its adaptive strategy. The vehicle may need to be driven **16 km (10 miles)** or more to relearn the strategy.