

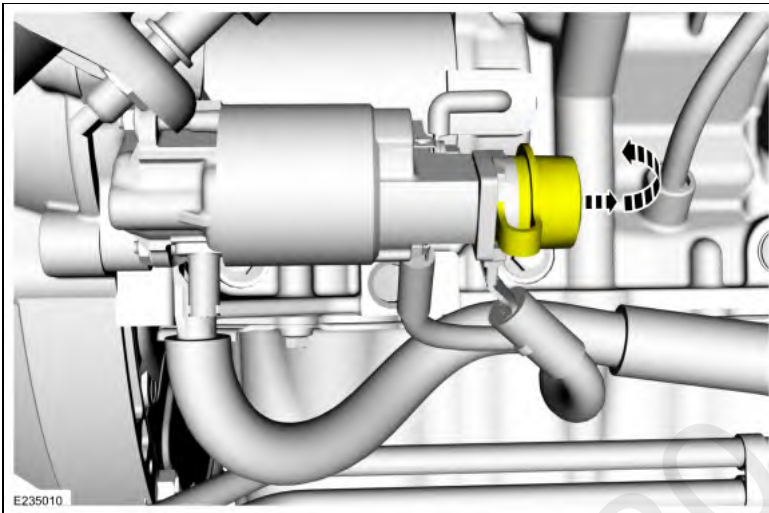
Starter Motor

Removal

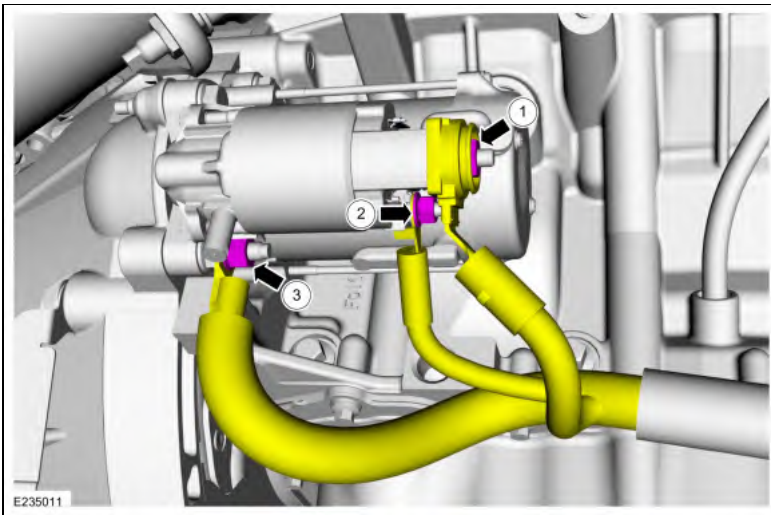
WARNING: Always disconnect the battery ground cable at the battery before disconnecting the starter motor battery terminal lead. If a tool is shorted at the starter motor battery terminal, the tool can quickly heat enough to cause a skin burn. Failure to follow this instruction may result in serious personal injury.

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

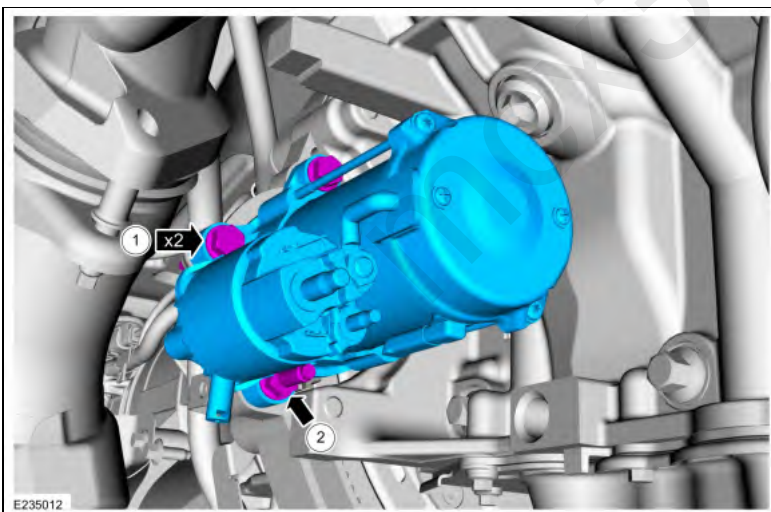
1. With the vehicle in N, position it on a hoist.
Refer to: Jacking and Lifting - Overview (100-02 Jacking and Lifting, Description and Operation).
2. Disconnect the battery.
Refer to: Battery Disconnect and Connect (414-01 Battery, Mounting and Cables, General Procedures).
3. Open the starter motor solenoid battery cable cover.



4.
 1. Remove the nut and disconnect the starter motor solenoid battery cable.
Torque: 106 lb.in (12 Nm)
 2. Remove the nut and disconnect the starter motor solenoid control wire.
Torque: 53 lb.in (6 Nm)
 3. Remove the nut and disconnect the ground cable.
Torque: 18 lb.ft (25 Nm)



- 5.
1. Remove the bolts.
Torque: 18 lb.ft (25 Nm)
 2. Remove the studbolt and the starter motor.
Torque: 18 lb.ft (25 Nm)



6. Inspect the starter motor drive gear and the flywheel/flexplate ring gear.
Refer to: Starter Motor Drive Gear and Flywheel Ring Gear Inspection (303-06A Starting System - 6.2L V8, General Procedures).

Installation

1. To install, reverse the removal procedure.

