

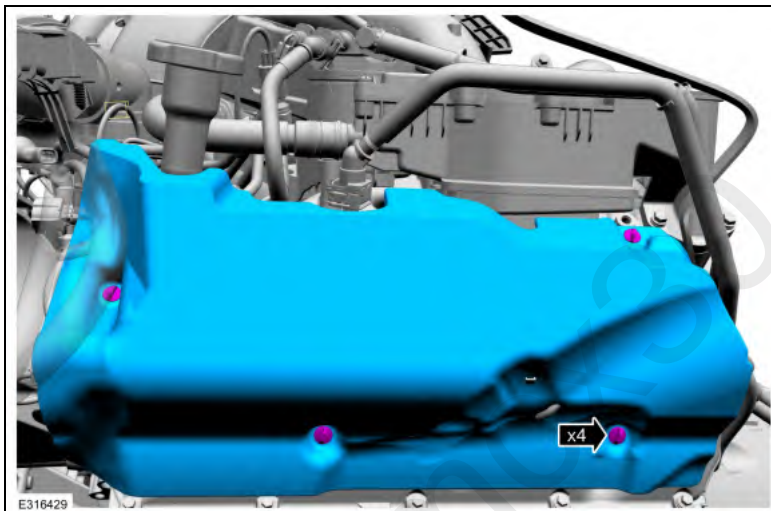
Fuel Injector Supply Tube LH

Removal

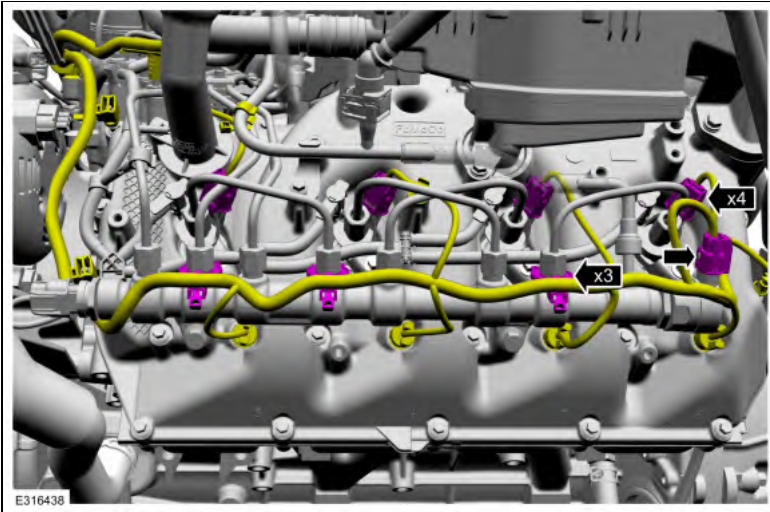
NOTICE: Do not work on the fuel system until the pressure has been released and the engine has cooled. Fuel in the high-pressure fuel system is hot and under very high pressure. High-pressure fuel may cause cuts and contact with hot fuel may cause burns. Failure to follow these instructions may result in serious personal injury.

NOTICE: Fuel injection equipment is manufactured to very precise tolerances and fine clearances. To prevent fuel system damage, it is essential that absolute cleanliness is observed when working with these components.

1. Release the fuel system pressure.
Refer to: Fuel System Pressure Release (310-00B Fuel System - General Information - 6.7L Power Stroke Diesel, General Procedures).
2. With the vehicle in NEUTRAL, position it on a hoist.
Refer to: Jacking and Lifting - Overview (100-02 Jacking and Lifting, Description and Operation).
3. Disconnect the battery.
Refer to: Battery Disconnect and Connect (414-01 Battery, Mounting and Cables, General Procedures).
4. Remove the left fender splash shield.
Refer to: Fender Splash Shield (501-02 Front End Body Panels, Removal and Installation).
5. **NOTE:** It may be necessary to unthread the engine sound shield retainers from the engine.
Remove the left engine sound shield retainers, then remove the sound shield.



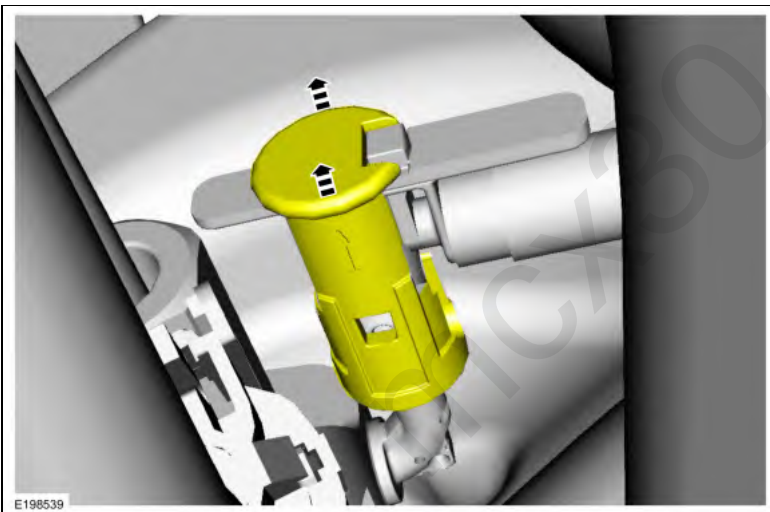
6.
 - Disconnect the fuel injector electrical connectors.
 - Disconnect the electrical connector.
 - Disconnect the fuel charging wiring harness retainers from the fuel rail and position out of the way.

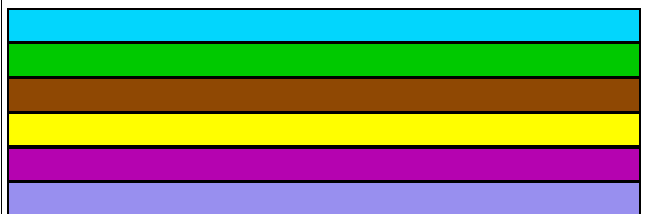




7. **NOTE:** The use of a pair of long needle nose pliers or another commercially available tool may aid in the releasing of the center fuel injector return hose fitting lock.

Pull up on the center of the fuel injector return hose fittings to release the center fuel injector return hose fitting locks.





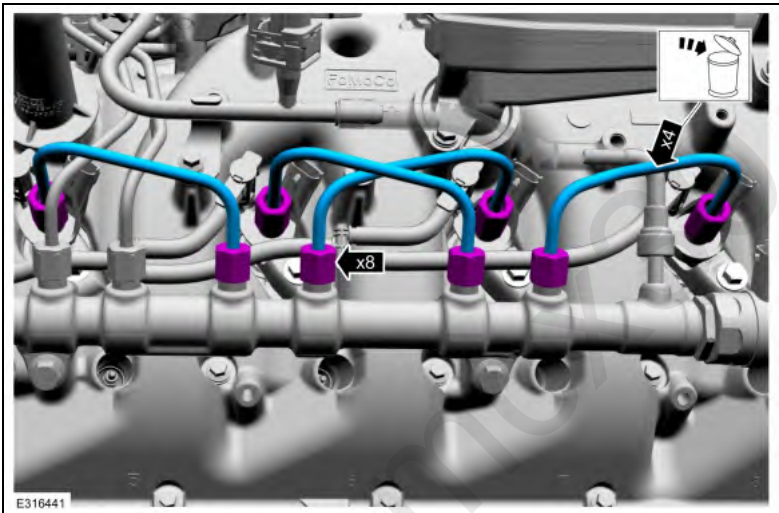
8. Pull up on the fuel injector return hose fittings to disconnect the fuel injector return hose fittings from the fuel injectors.



9. **NOTICE:** Fuel injection equipment is manufactured to very precise tolerances and fine clearances. To prevent fuel system damage, it is essential that absolute cleanliness is observed when working with these components.

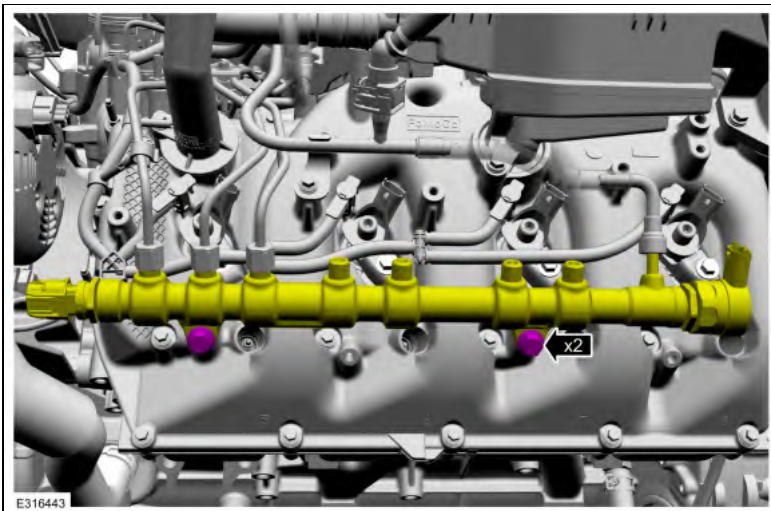
NOTE: The fuel injector supply tube cannot be reused.

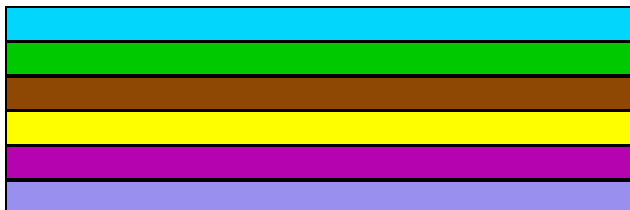
Remove and discard the fuel injector supply tubes.



Installation

- 1. Loosen the fuel rail mounting bolts.



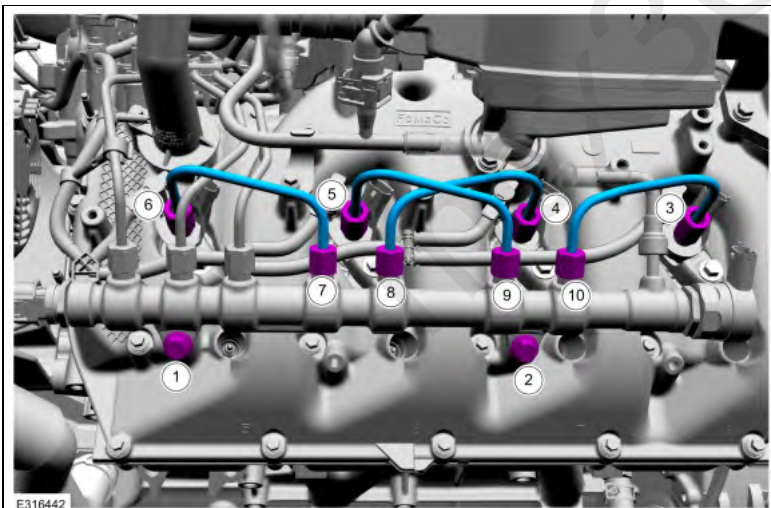


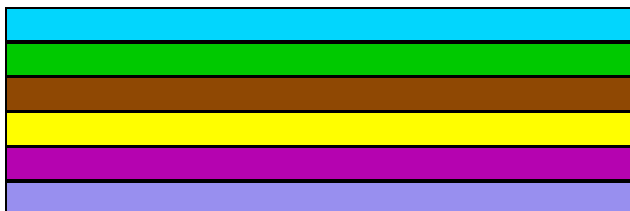
2. **NOTE:** Use a deep-well crowfoot socket to tighten the fuel injector supply tube.

Position the new fuel injector supply tubes between the fuel rail and the fuel injectors. Fully hand-start and seat the fuel injector supply tube fittings onto the fuel rail and the fuel injectors. Tighten in the stages and in the sequence shown.

Torque:

- 1-2 fuel rail mounting bolts : 18 lb.ft (24 Nm)
- 3-6 fuel injector supply tube fittings to fuel injectors : 89 lb.in (10 Nm)
- 7-10 fuel injector supply tube fittings to fuel rail : 89 lb.in (10 Nm)
- 3-6 fuel injector supply tube fittings to fuel injectors : 65Å°
- 7-10 fuel injector supply tube fittings to fuel rail : 65Å°

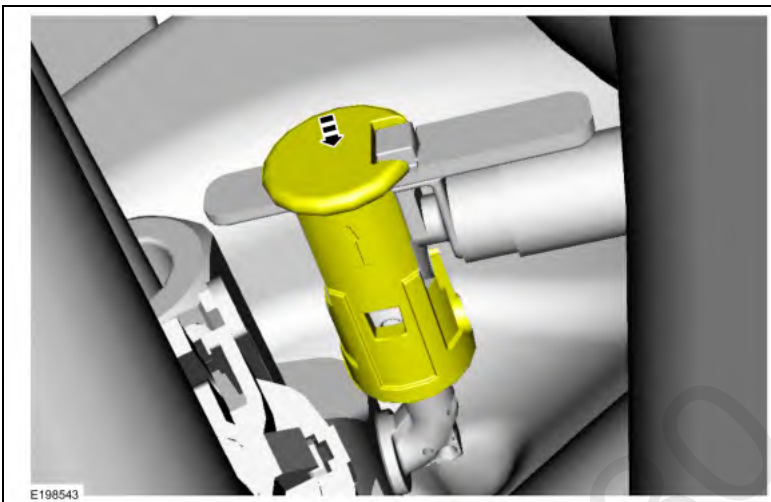




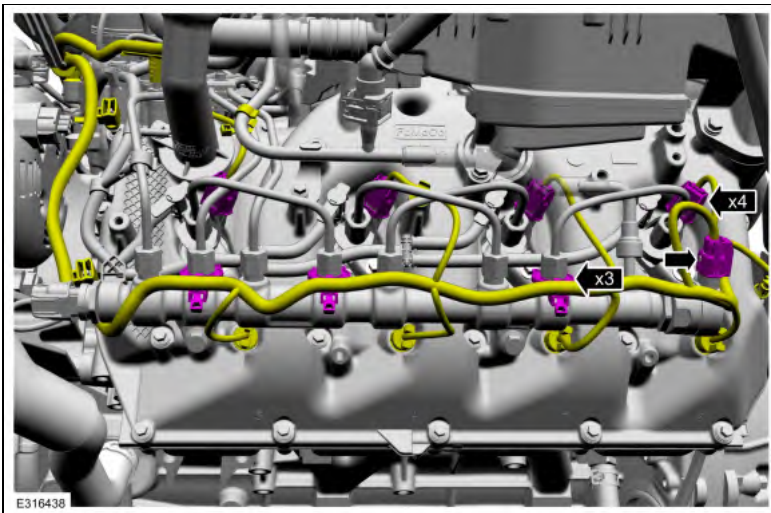
3. Push down on the fuel injector return hose fitting tabs to connect the fuel injector return hose fittings to the fuel injectors.



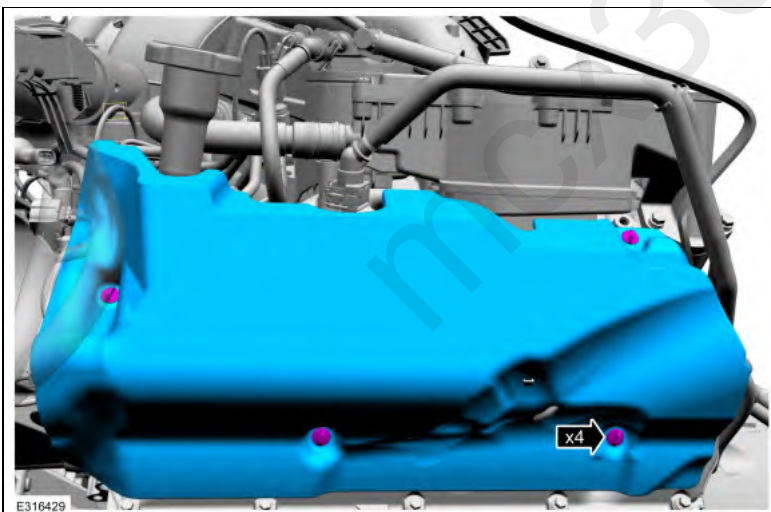
4. Push down on the center of the fuel injector return hose fittings to lock the fittings to the fuel injectors.



- 5.
- Connect the fuel injector electrical connectors.
 - Connect the electrical connector.
 - Connect the fuel charging wiring harness retainers to the fuel rail.



6. Install the left engine sound shield, then install the sound shield retainers.



7. Install the left fender splash shield.
Refer to: Fender Splash Shield (501-02 Front End Body Panels, Removal and Installation).
8. Connect the battery.
Refer to: Battery Disconnect and Connect (414-01 Battery, Mounting and Cables, General Procedures).
9. Bleed the Fuel System.
Refer to: Fuel System Bleeding (310-00B Fuel System - General Information - 6.7L Power Stroke Diesel, General Procedures).

