

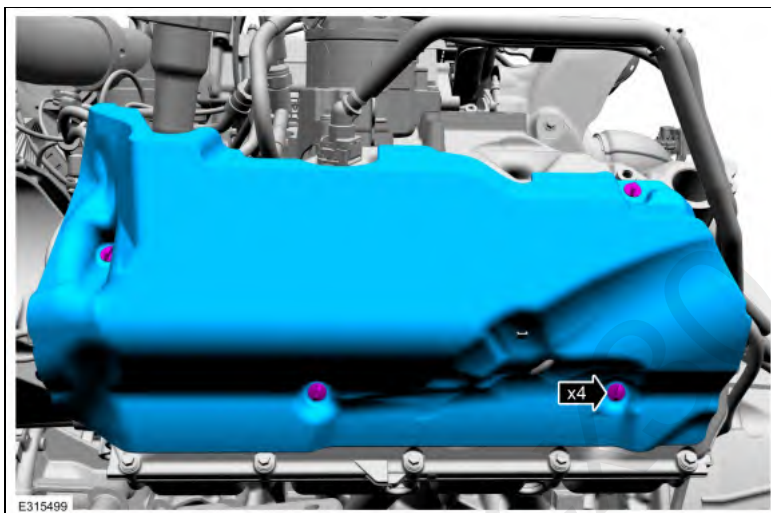
Fuel Injection Pump Supply Tube Assembly

Removal

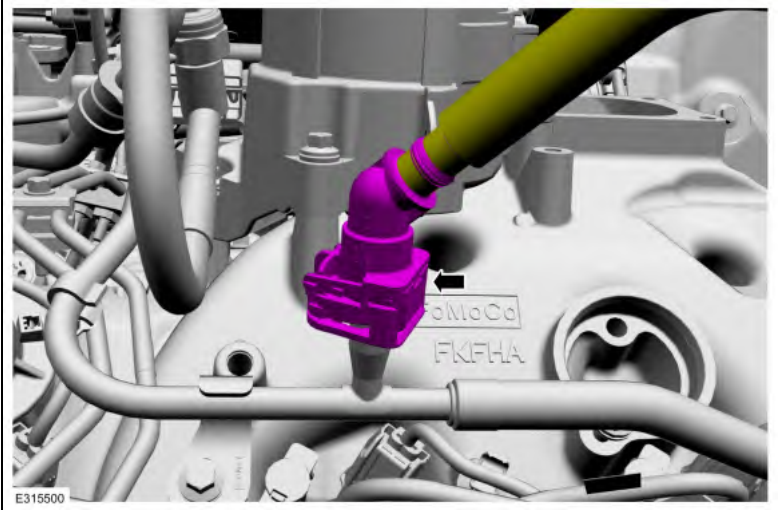
NOTICE: Do not work on the fuel system until the pressure has been released and the engine has cooled. Fuel in the high-pressure fuel system is hot and under very high pressure. High-pressure fuel may cause cuts and contact with hot fuel may cause burns. Failure to follow these instructions may result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

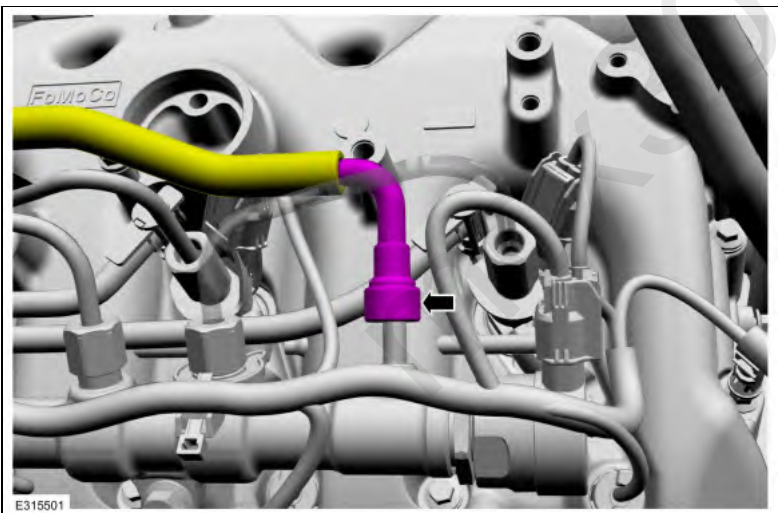
1. Release the fuel system pressure.
Refer to: Fuel System Pressure Release (310-00B Fuel System - General Information - 6.7L Power Stroke Diesel, General Procedures).
2. Disconnect the battery.
Refer to: Battery Disconnect and Connect (414-01 Battery, Mounting and Cables, General Procedures).
3. Remove the lower intake manifold.
Refer to: Lower Intake Manifold (303-01B Engine - 6.7L Power Stroke Diesel, Removal and Installation).
4. **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 left engine sound shield.



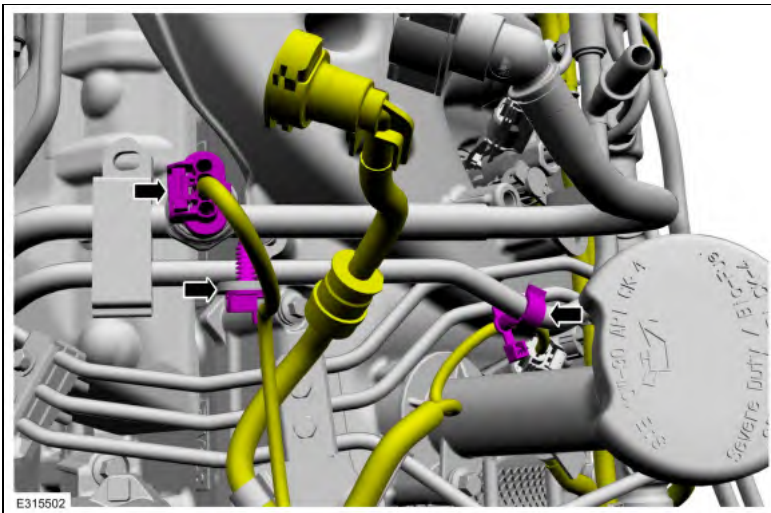
5. Follow the directions for the quick release coupling type 4. Disconnect the quick connect coupling.
Refer to: Quick Release Coupling (310-00 Fuel System - General Information - 6.7L Power Stroke Diesel).



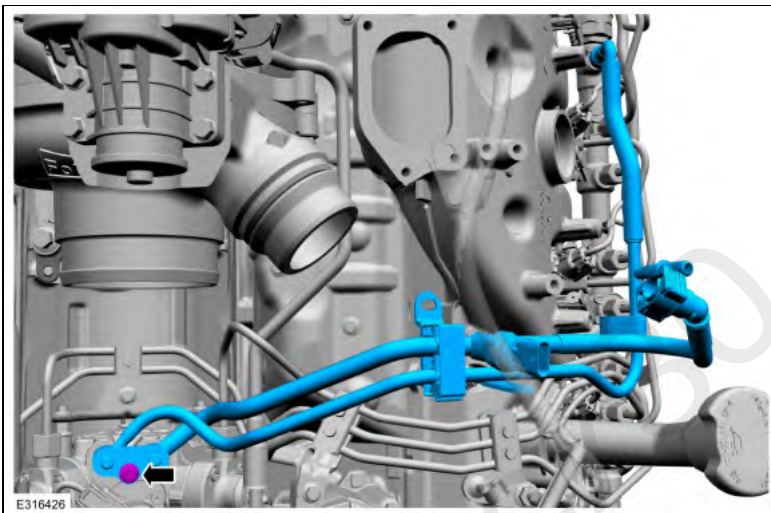
6. Disconnect the fuel rail supply tube spring lock coupling.
Refer to: Spring Lock Couplings (310-00B Fuel System - General Information - 6.7L Power Stroke Diesel, General Procedures).



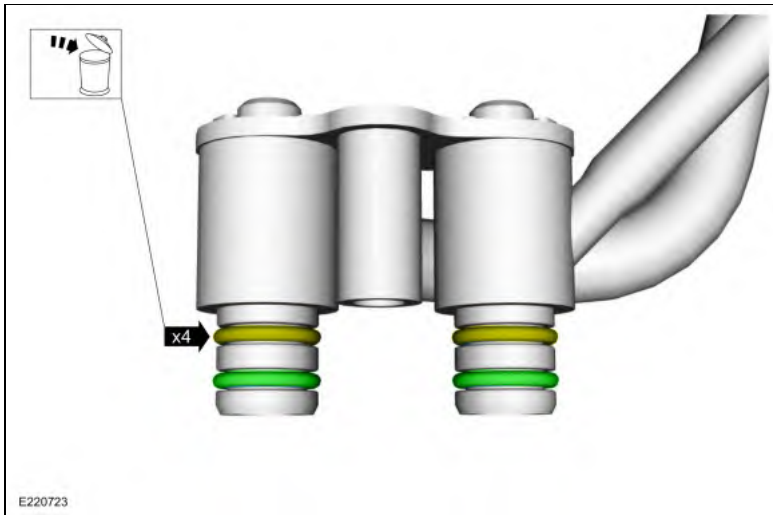
7. Disconnect the electrical connector, then release the wire retainers.



8. Remove the fuel injection pump supply tube bolt, then remove the tube assembly.

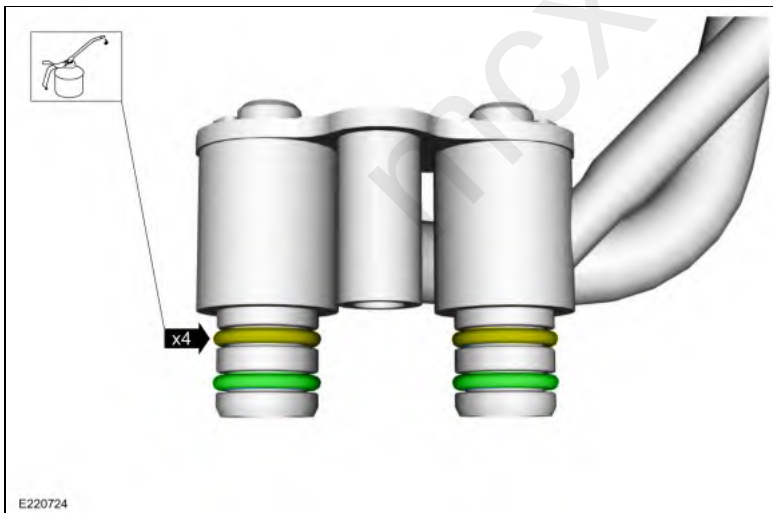


9. Remove and discard the O-rings.



Installation

1.
 - Lubricate the new O-ring seals with clean engine oil.
Refer to: Specifications (303-01B Engine - 6.7L Power Stroke Diesel, Specifications).
 - Install the 2 new yellow O-ring seals on the top positions.
 - Install the 2 new green O-ring seals on the lower positions.



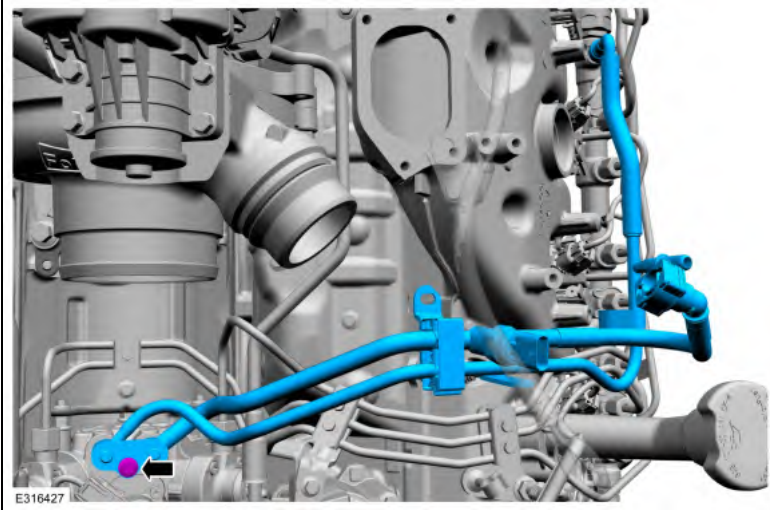
2. **NOTE:** Fully seat the O-ring seals before torquing the fuel injection pump supply tube assembly manifold bolt.

Install the fuel injection pump supply tube assembly, then install and tighten the bolt.

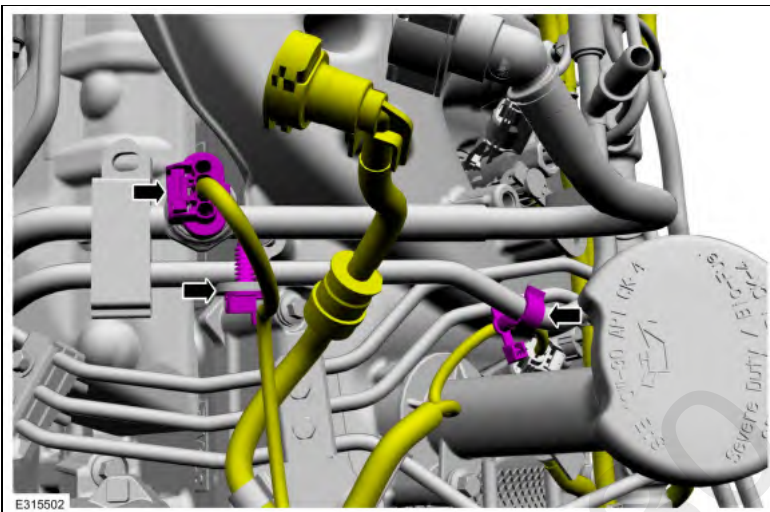
Torque:

Stage 1: Tighten to: : 89 lb.in (10 Nm)

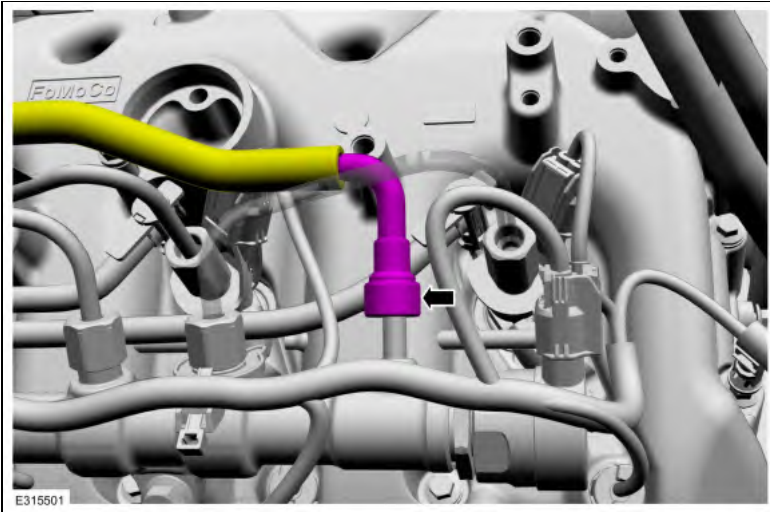
Stage 2: Tighten an additional: : 45°



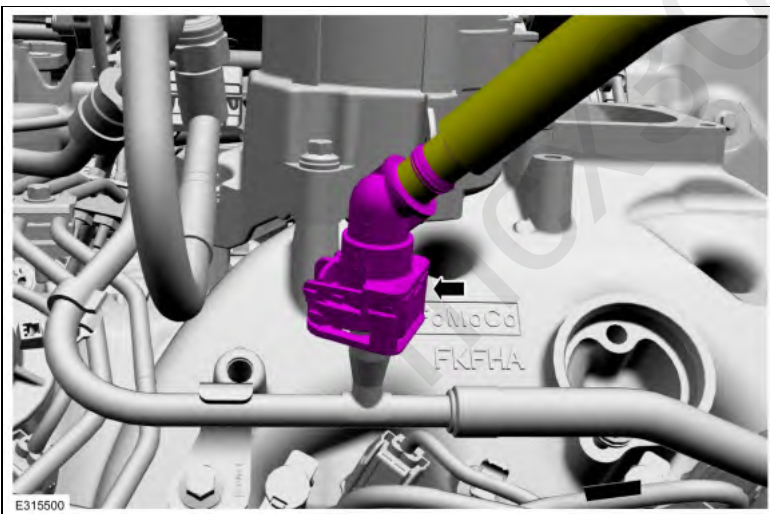
3. Connect the electrical connector, then attach the wire retainers.



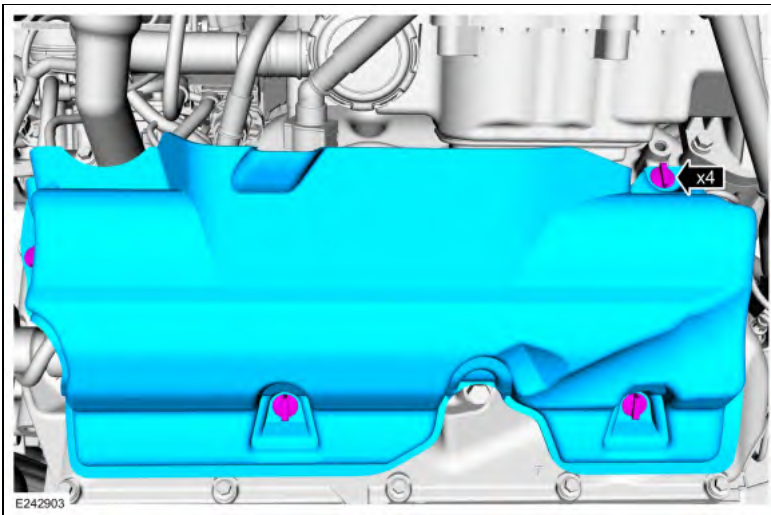
4. Connect the fuel rail supply tube spring lock coupling.
Refer to: Spring Lock Couplings (310-00B Fuel System - General Information - 6.7L Power Stroke Diesel, General Procedures).



5. Follow the directions for the quick release coupling type 4. Connect the fuel return tube quick connect coupling.
Refer to: Quick Release Coupling (310-00 Fuel System - General Information - 6.7L Power Stroke Diesel) .



6. Install the left engine sound shield and install the left engine sound shield retainers.



7. Install the lower intake manifold.
Refer to: Lower Intake Manifold (303-01B Engine - 6.7L Power Stroke Diesel, 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).

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