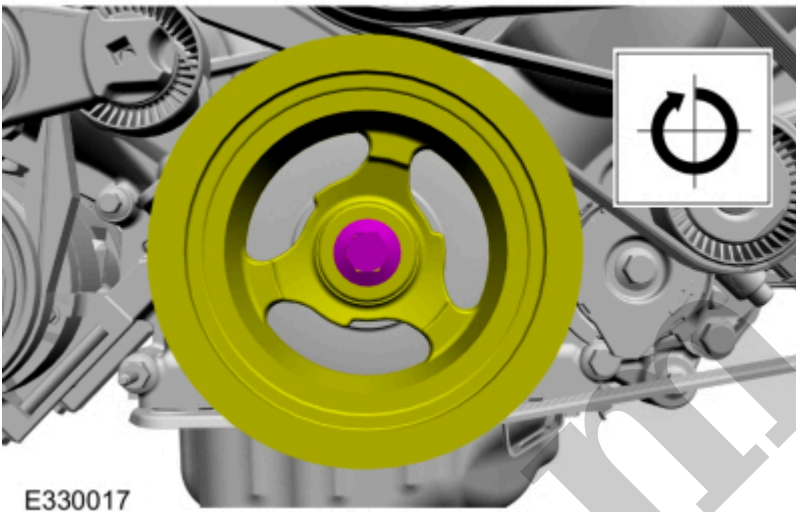
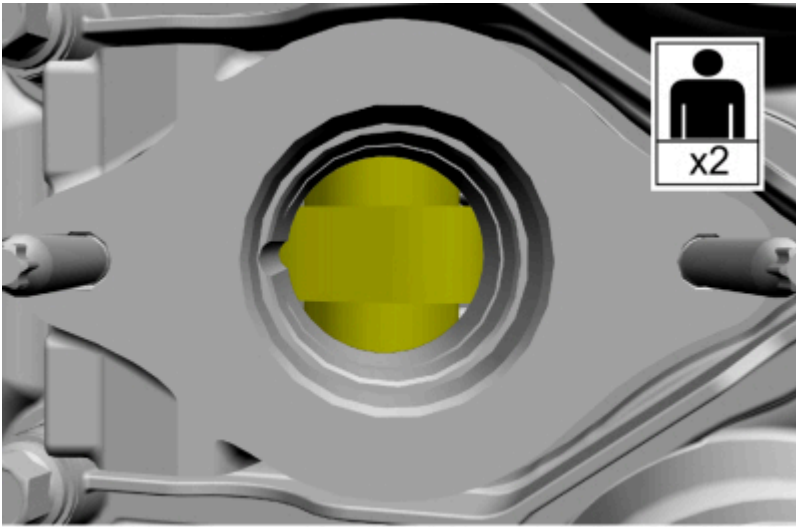


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## 2024 Ford Police Interceptor Utility Service and Repair Manual

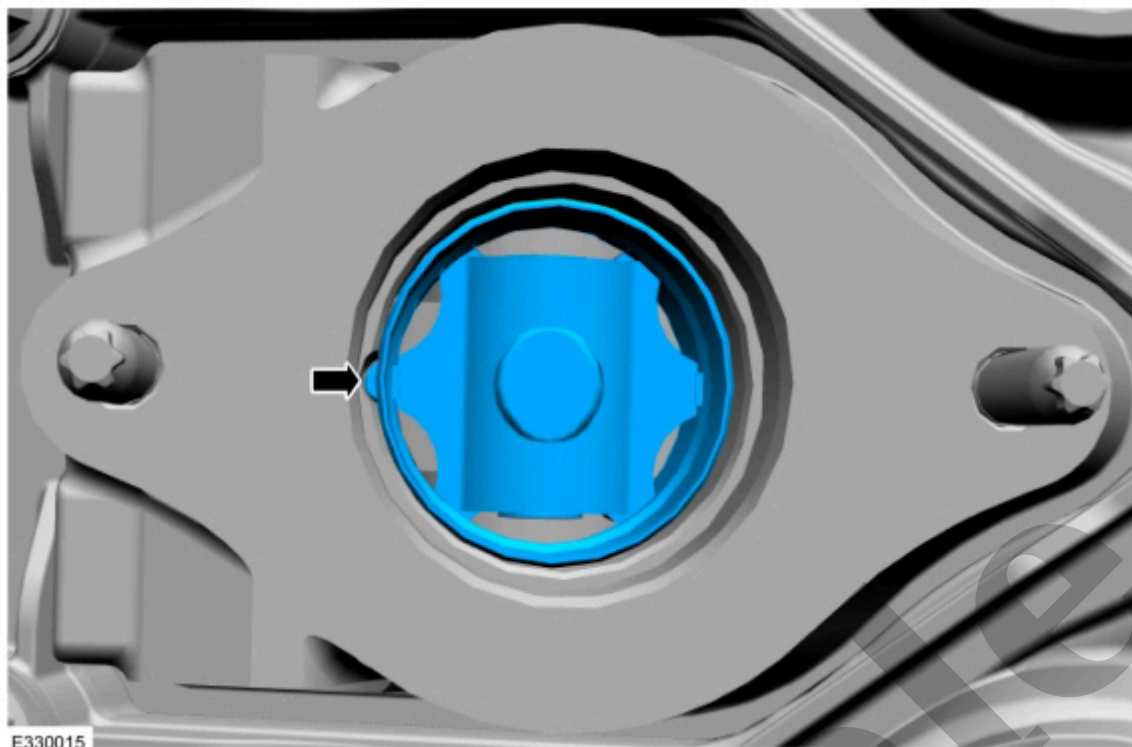
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2. Apply clean engine oil to the high-pressure fuel pump mounting pedestal bore, the drive lobe and all of the roller tappet.

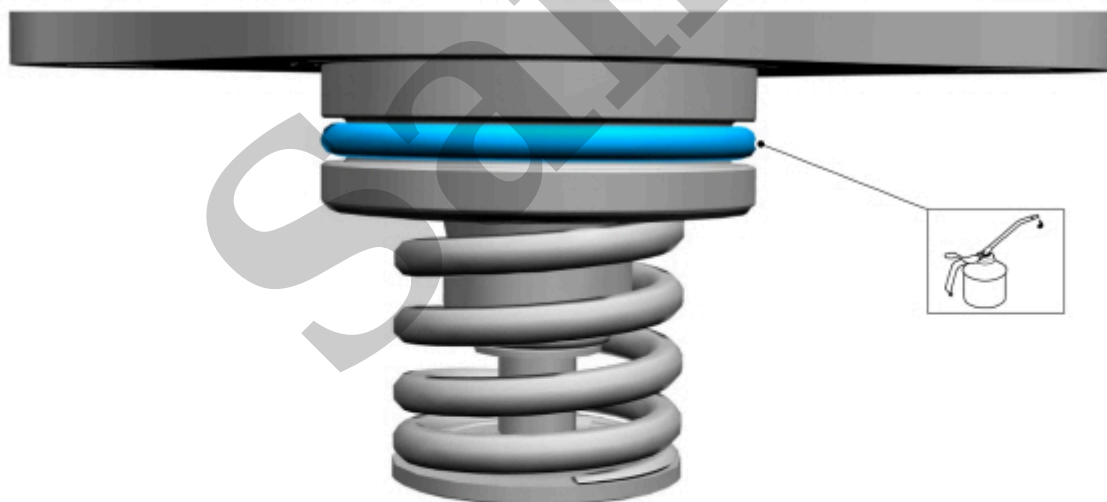
Refer to: [Specifications](#)(303-01E Engine - 5.0L 32V Ti-VCT, Specifications).



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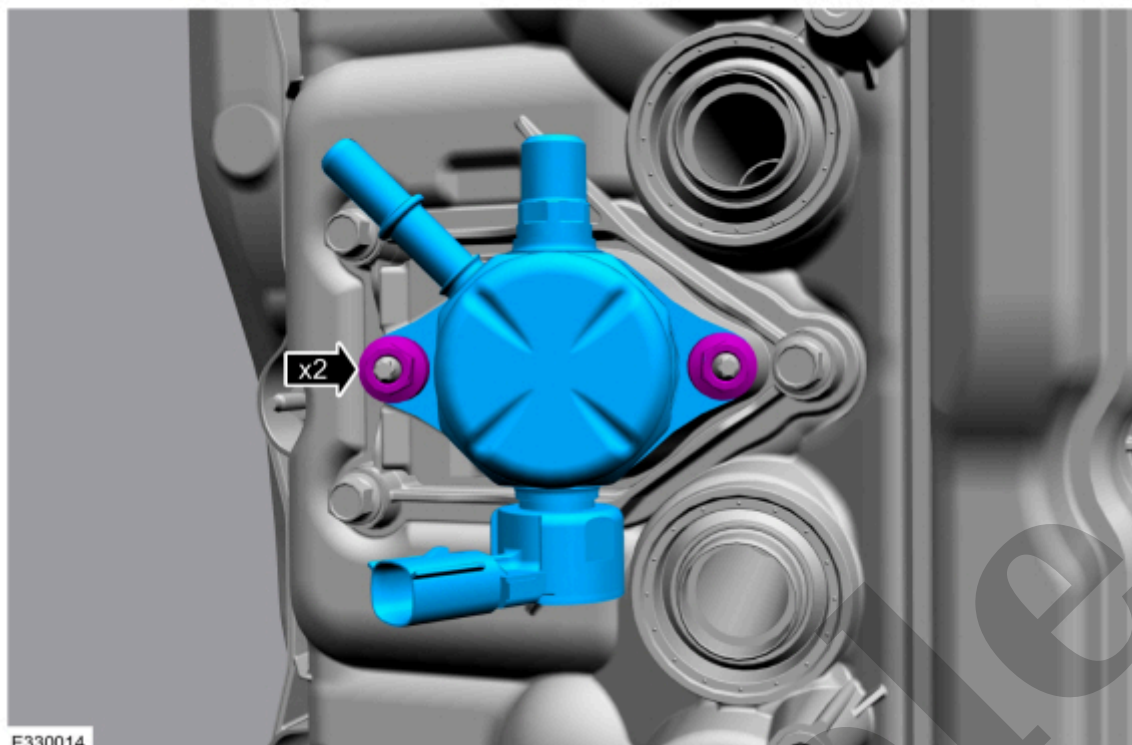
4. Install a new high-pressure fuel pump O-ring seal. Lubricate with clean engine oil.

Refer to: [Specifications](#)(303-01E Engine - 5.0L 32V Ti-VCT, Specifications).



E242553

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#### 7. NOTICE

In stage 7, if the torque required to tighten any flare nut on the new high-pressure fuel tube reaches or exceeds 37 lb.ft (50 Nm), then that high pressure fuel tube must be discarded and replaced with another new high-pressure fuel tube.

#### NOTICE

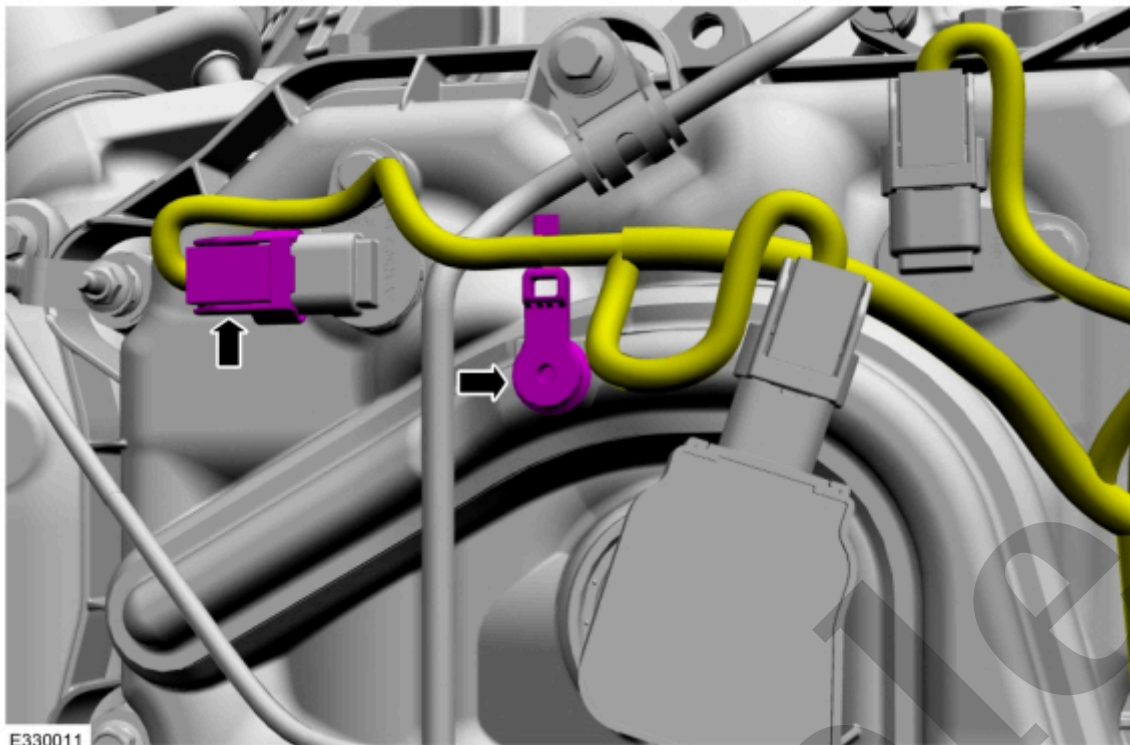
Do not use oil on the threads.

#### NOTE

Calculate the correct torque wrench setting for the following torque using the Torque Wrench Adapter Formulas.

#### NOTE

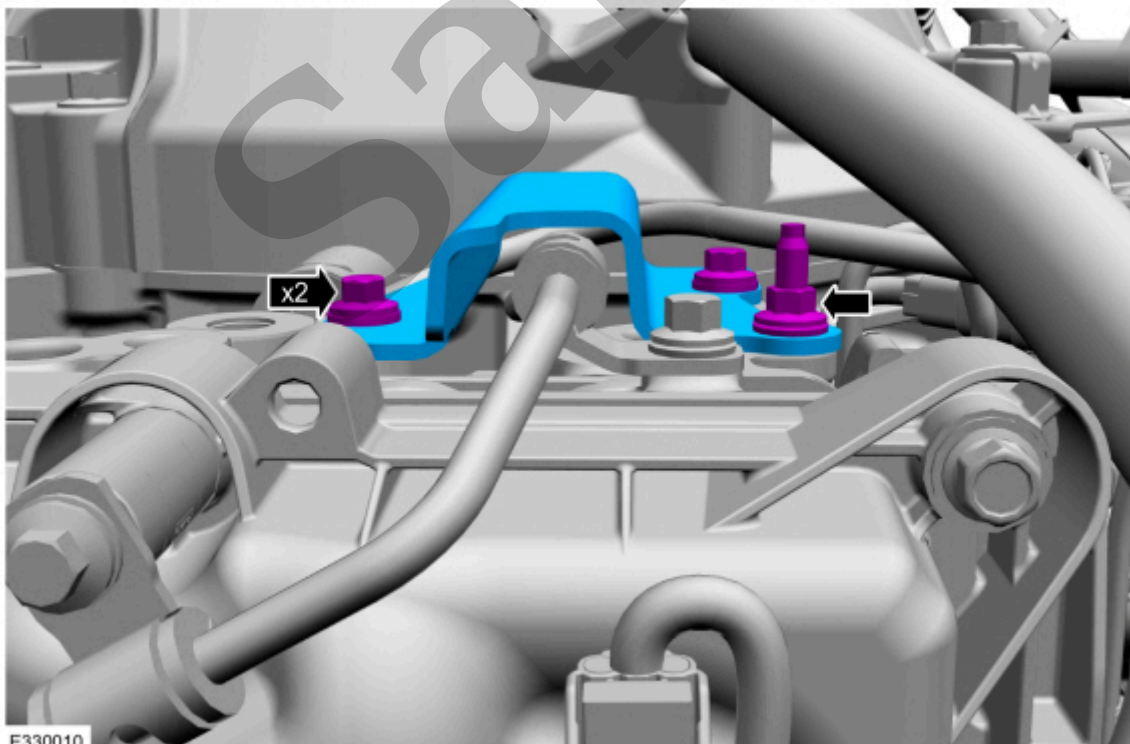
Make sure that a new high-pressure fuel tube is installed.

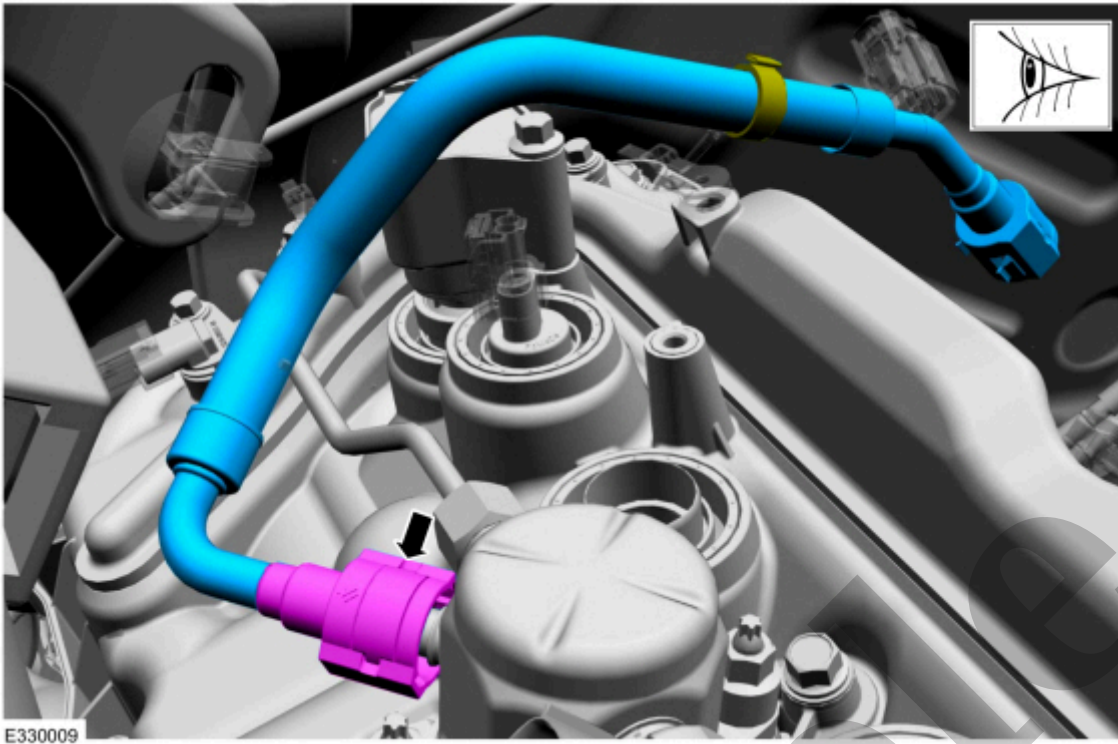


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9. Install the high-pressure fuel line shield, then install and tighten the high-pressure fuel line shield retainers.

***Torque*** : 89 lb.in (10 Nm)





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12. **NOTE**

When removing or installing the fuel injection pump noise insulator, spreading the openings will reduce the risk of damage.

Install the fuel injection pump noise insulator, then engage the retainer.

14. Inspect the ignition coil-on-plug assembly for cracks, rips, or tears. Replace any damaged coil-on-plug assemblies.



E330005

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15. **NOTE**

Ensure that the ignition coil-on-plug is fully seated on the spark plug by pushing down on the boot end until it stops.

Install the ignition coil-on-plugs, then install and tighten the bolts..

**Torque** : 89 lb.in (10 Nm)

Refer to: [Intake Manifold](#)(303-01E Engine - 5.0L 32V Ti-VCT, Removal and Installation).

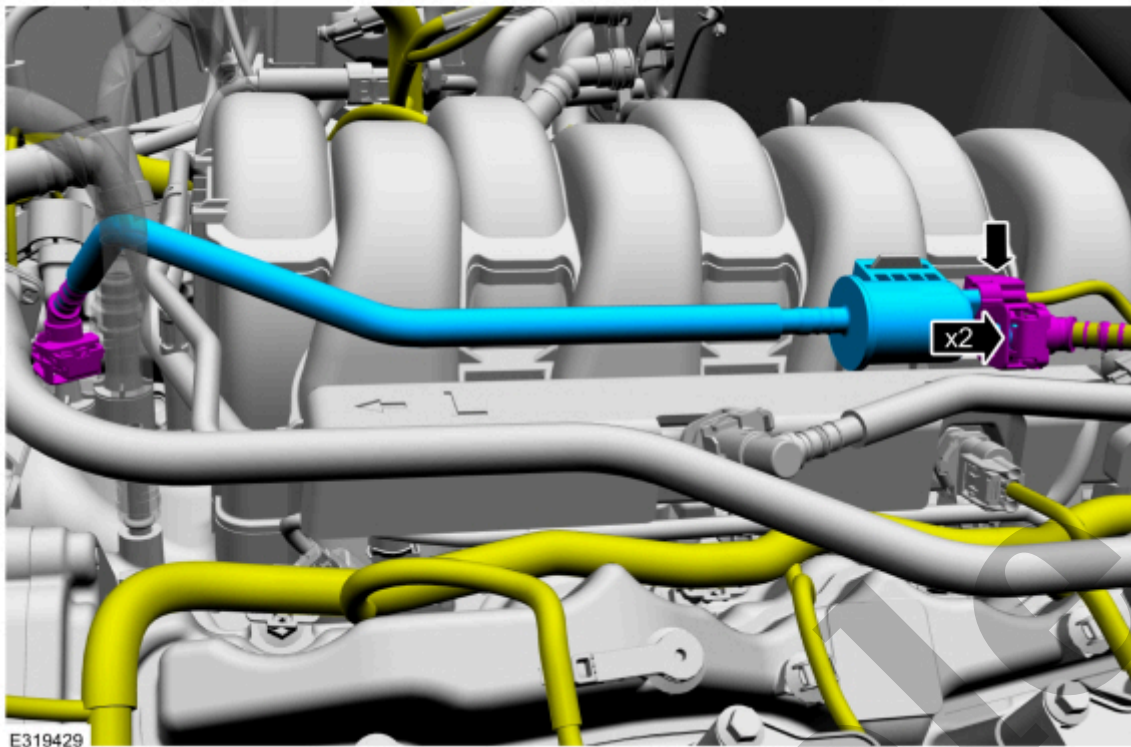
18. Pressurize the fuel system.

Refer to: [Fuel System Pressure Release](#)(310-00E Fuel System - General Information - 5.0L 32V Ti-VCT, General Procedures).

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Sample

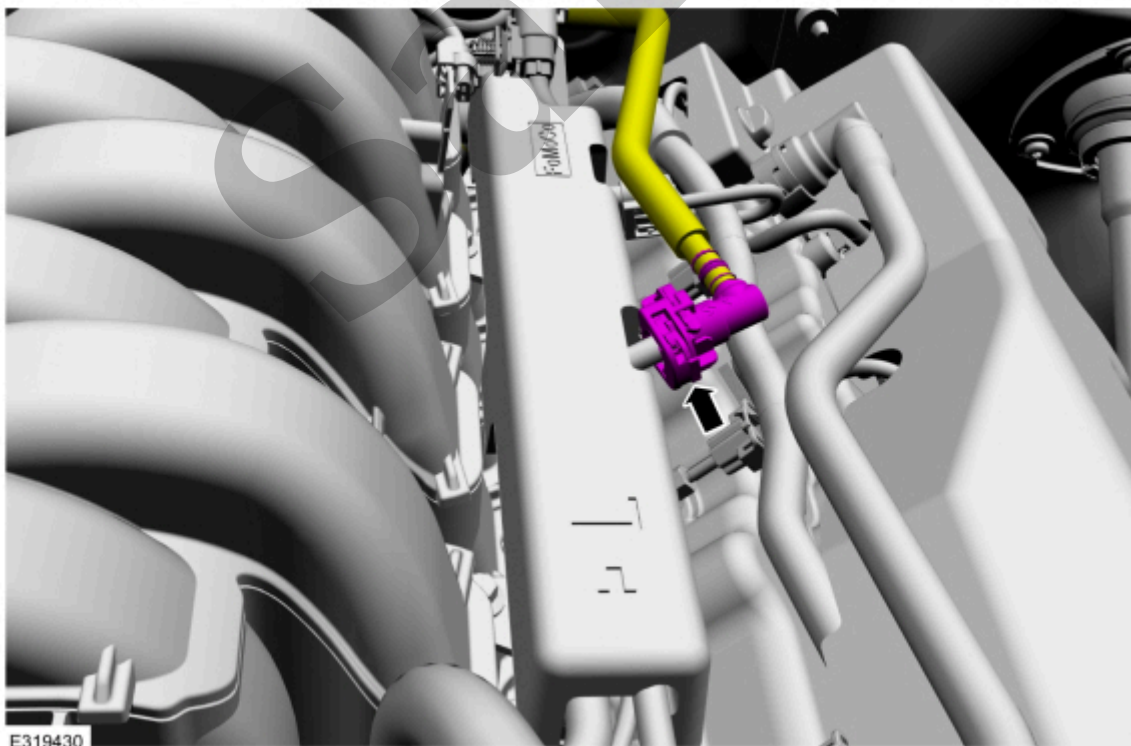


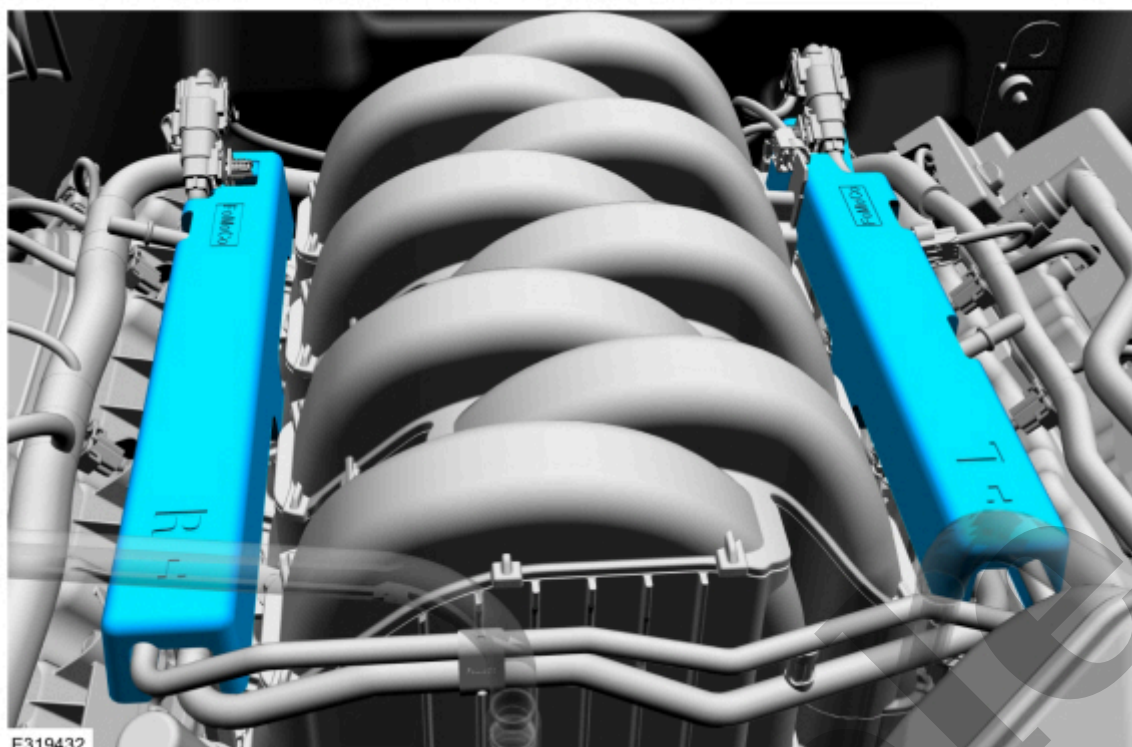


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4. Disconnect the quick release couplings. Follow the directions for the quick release coupling type 1.

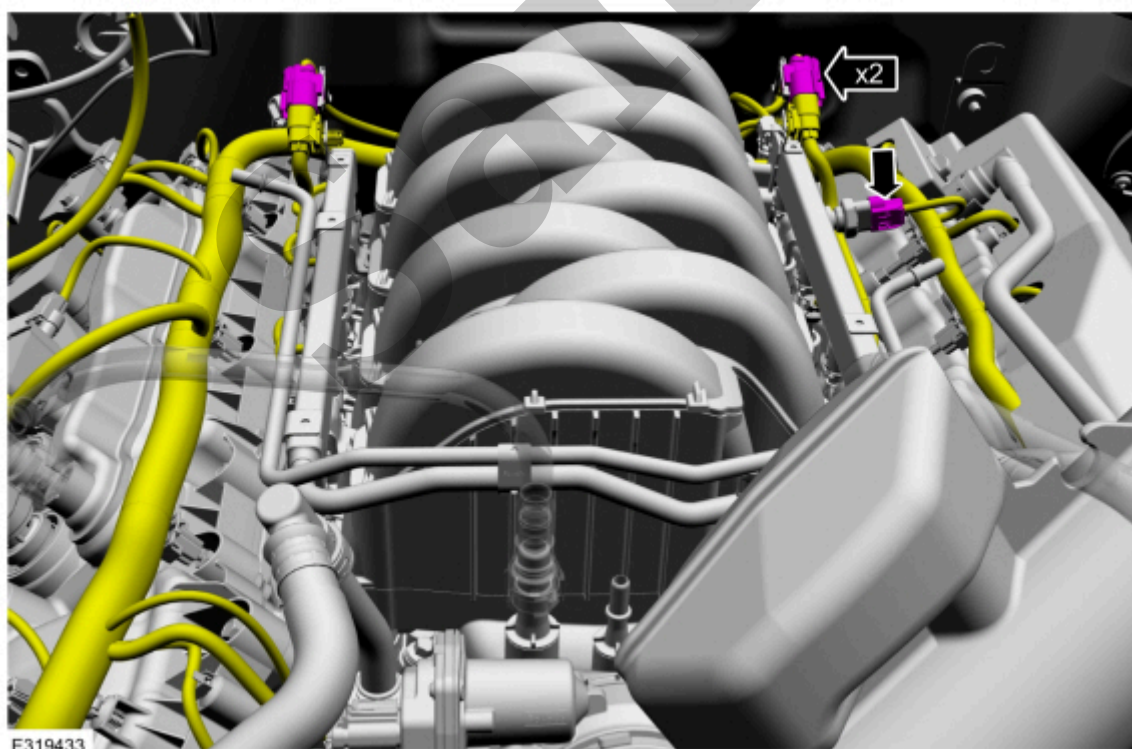
Refer to: [Quick Release Coupling](#)(310-00E Fuel System - General Information - 5.0L 32V Ti-VCT, General Procedures).





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7. Disconnect the fuel injector wiring harness main electrical connectors and the fuel sensor electrical connector.



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