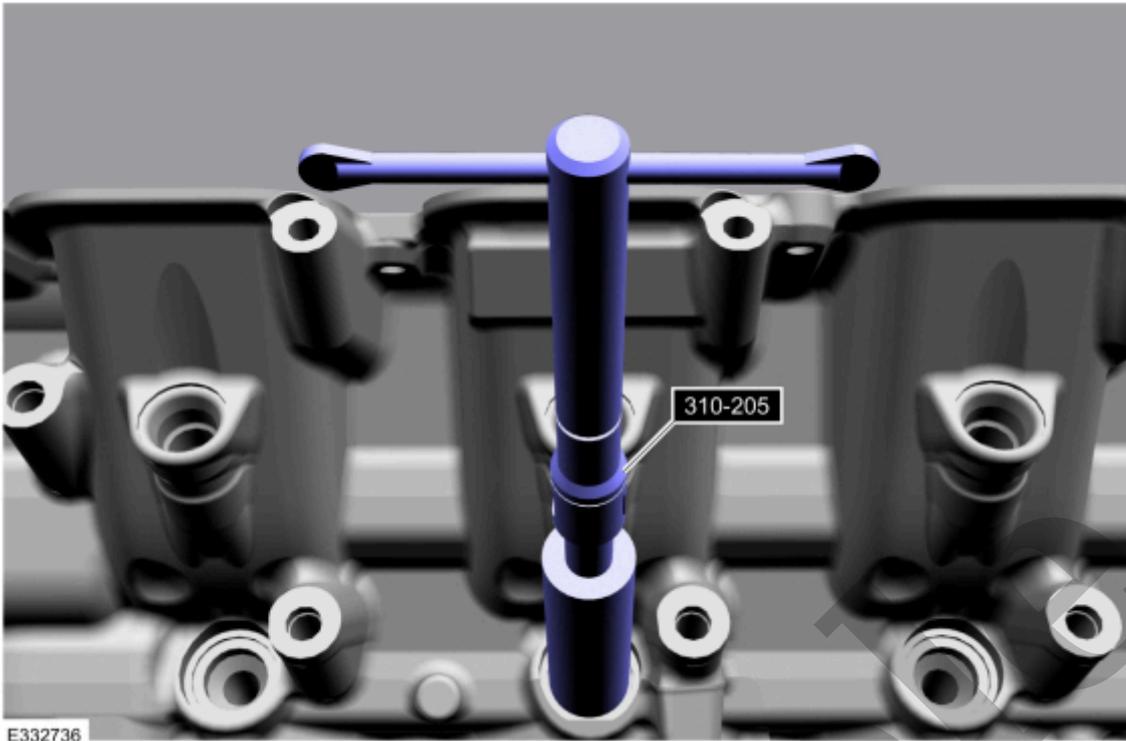


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2022 Ford Escape Service and Repair Manual

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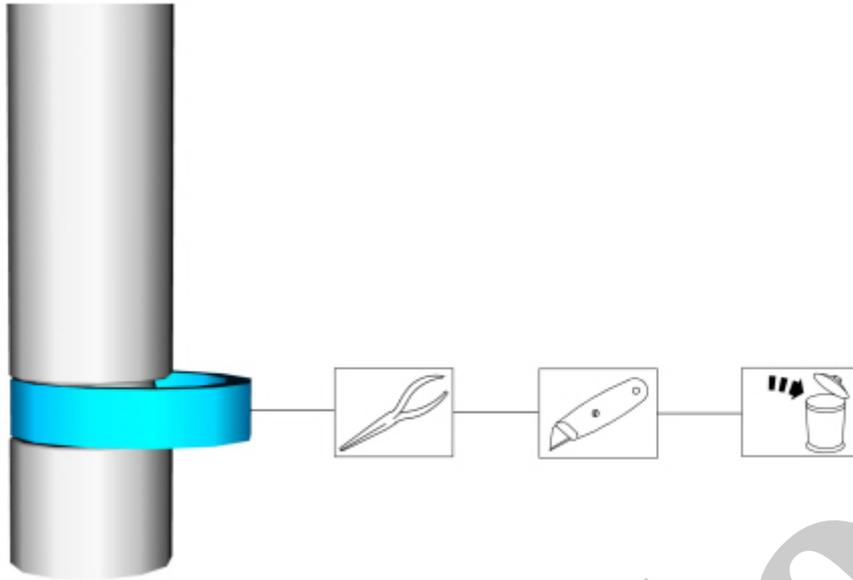
10. 1. Remove and discard the fuel injector O-ring seals.

2. **NOTE**

Note the correct orientation of the fuel injector support rings for correct installation of the new fuel injector support rings.

Remove and discard the fuel injector support rings.

3. Inspect the inlet stopper, if it is damaged or comes off then discard the inlet stopper. The inlet stopper is not needed for proper function. Ensure that any debris from the inlet stopper are removed. If the inlet stopper is intact and undamaged do not remove the inlet stopper from the fuel injector.



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Installation

1. NOTICE

Do not lubricate the new lower Teflon® fuel injector seals.

1. Install the Teflon® Seal Guide onto the fuel injector tip.

Use Special Service Tool : 310-207 Installer, Fuel Injector Seal Assembly

2. NOTICE

Once the Teflon® seal is installed on the Teflon® Seal Guide, it should immediately be installed onto the fuel injector to avoid excessive expansion of the Teflon® seal.

NOTE

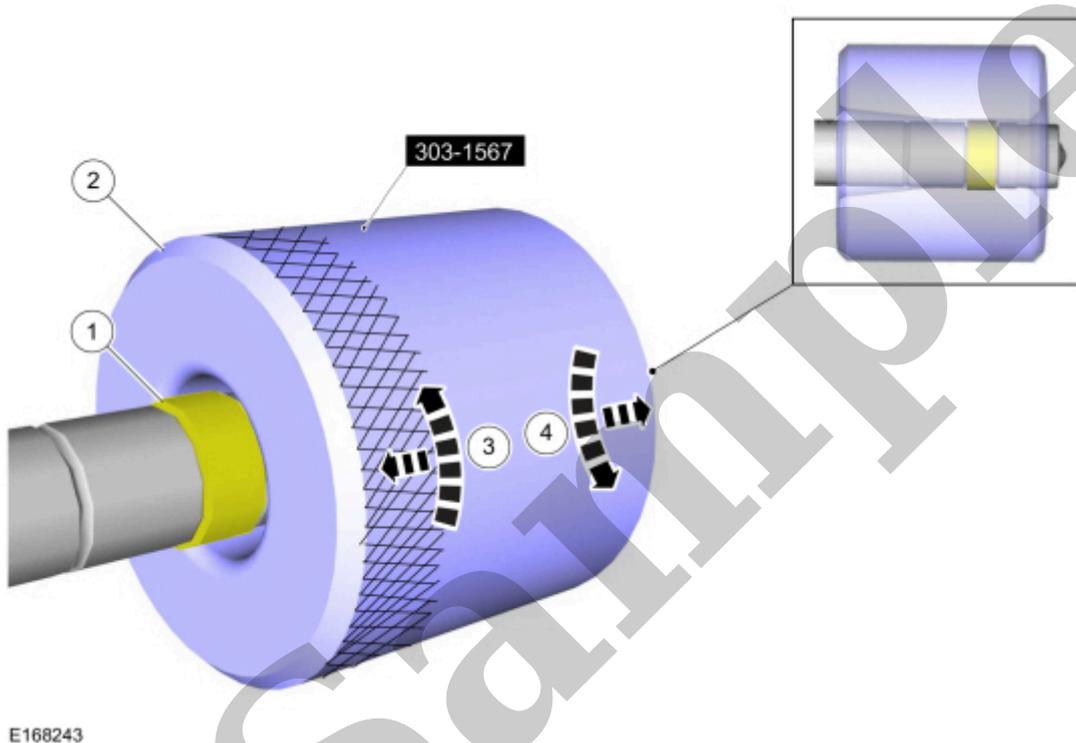
Make sure that new lower fuel injector Teflon® seals are installed.

Install the new Teflon® seals onto the Teflon® Seal Guide, using the Pusher Tool, slide the Teflon® seals along the Teflon® Seal Guide.

2. Massage and warm the Teflon® seal with your fingers before the Teflon® seal sizer tool is installed. This will aid in installing the Teflon® seal sizer tool.
3. Position the Teflon® seal sizer tool with the larger opening towards the Teflon® seal. Push while turning the Teflon® seal sizer tool 180 degrees.

Use Special Service Tool : 303-1567 Sizer, Teflon Seal

4. Once the Teflon® seal sizer tool is installed, check and make sure the Teflon® seal is in the sizing portion of the Teflon® seal sizer tool.
5. After one minute, turn the Teflon® seal sizer tool back 180 degrees and remove.



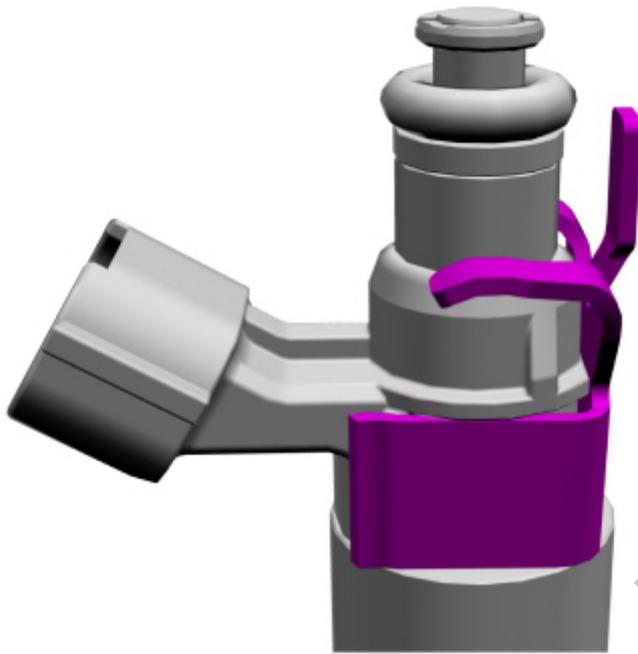
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3. NOTE

Make sure that new fuel injector support rings and new fuel injector O-ring seals are installed.

1. Install the new fuel injector O-rings. The O-rings are pre-lubricated, no additional lubricant is required.

2. NOTICE



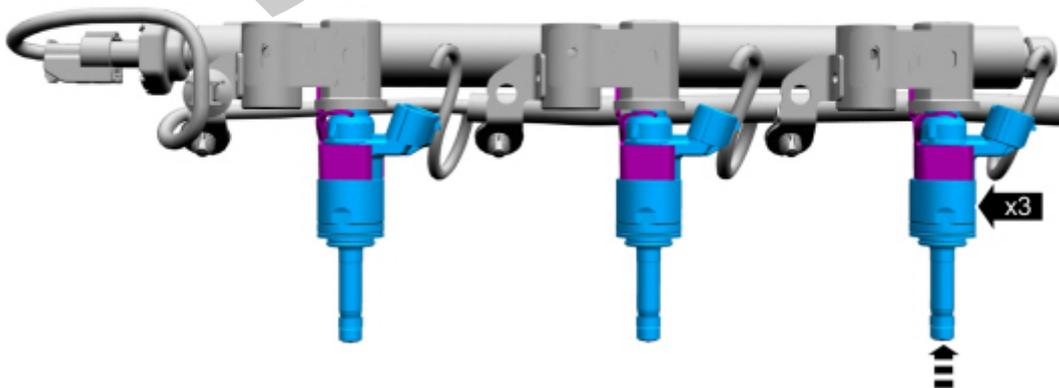
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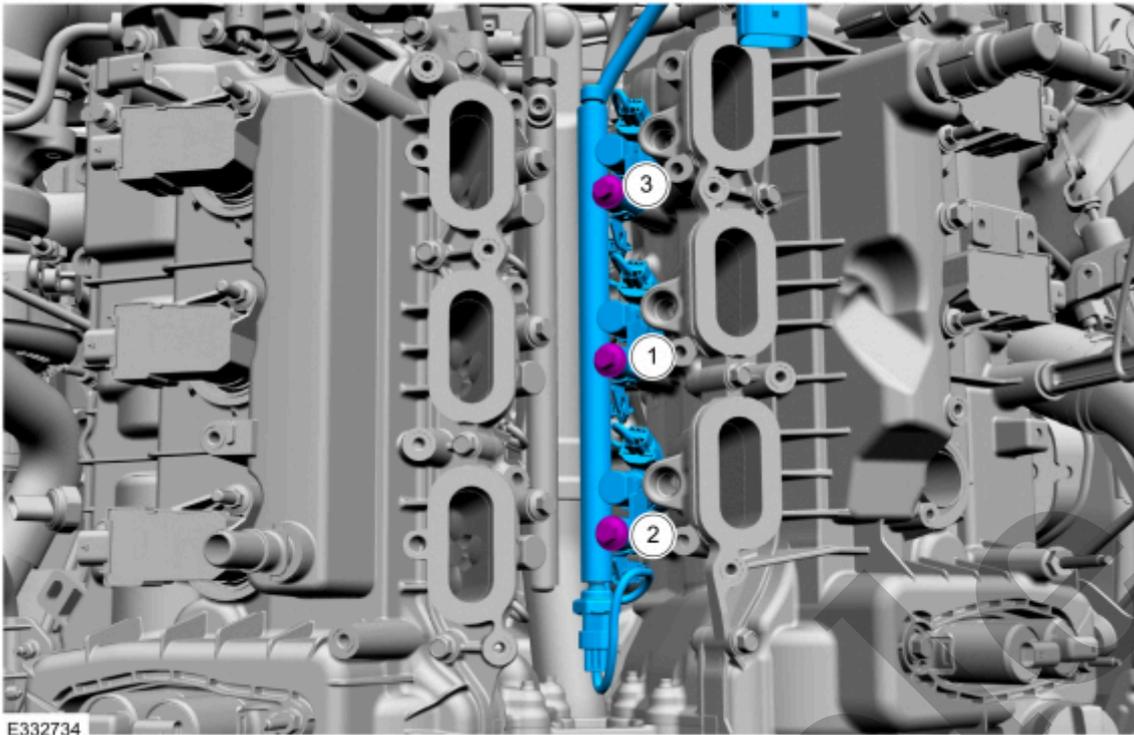
5. **NOTE**

The anti-rotation finger of the fuel injector must slip into the groove of the fuel rail cup.

Install the fuel injectors to the fuel rail.

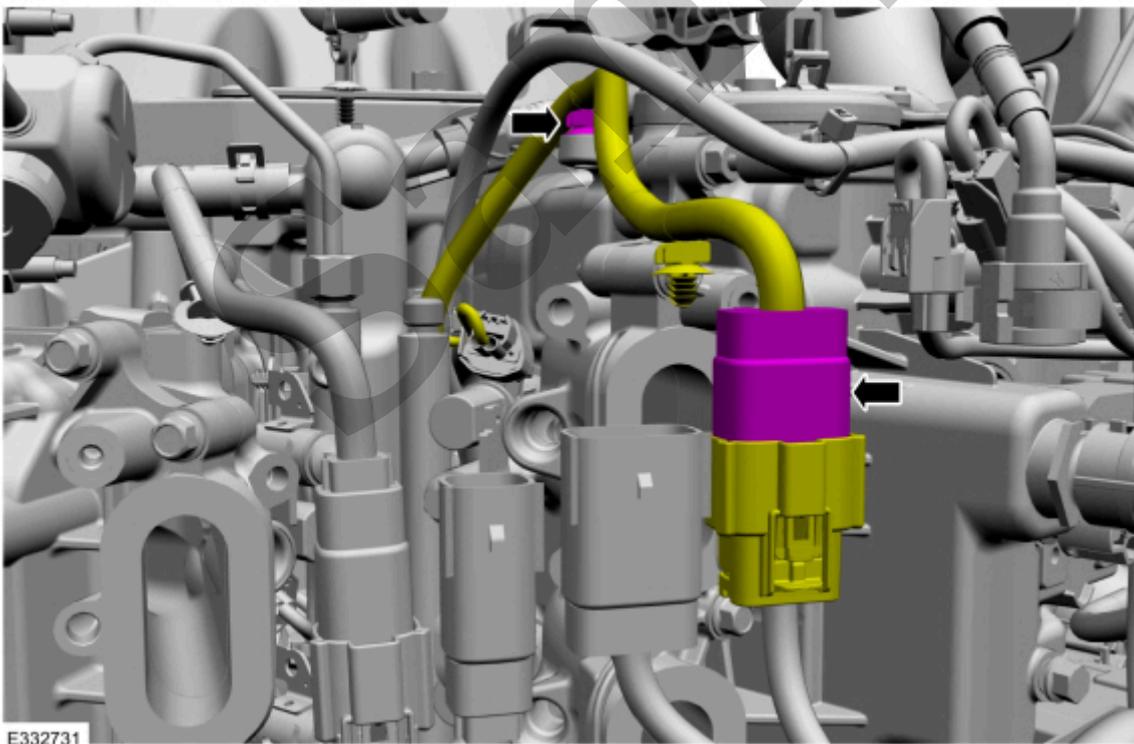


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8. Attach the harness retainer, then connect the fuel injector main harness electrical connector.



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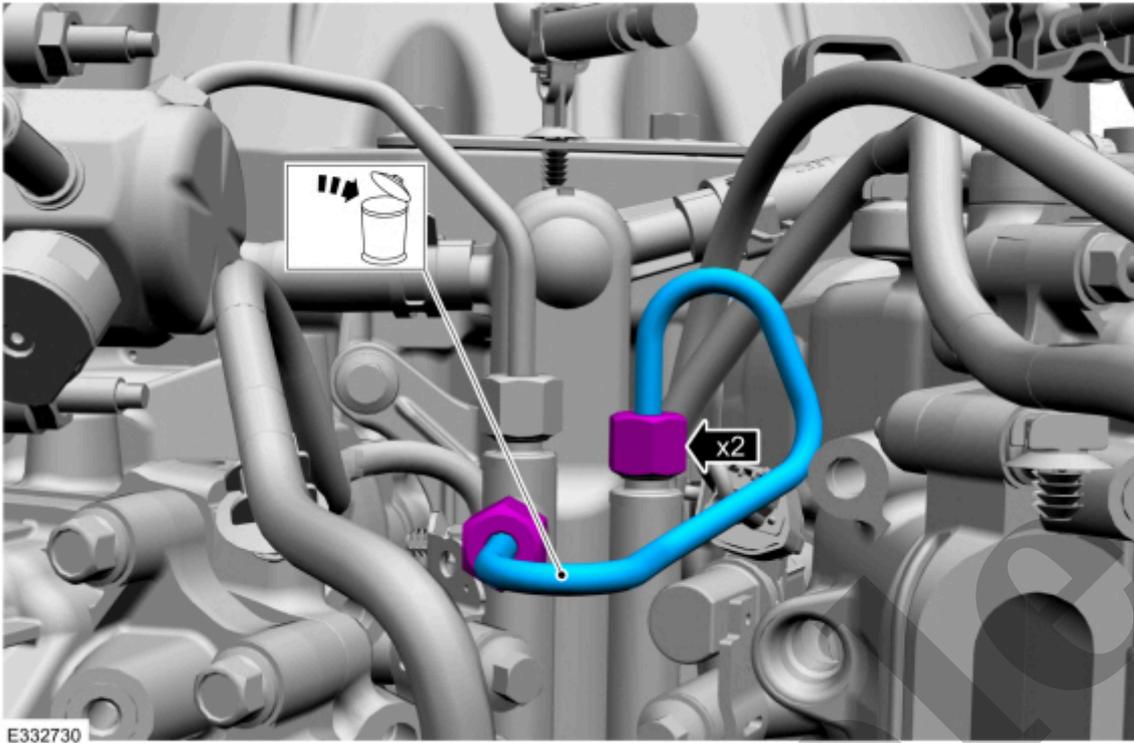
10. Install the port injection fuel rail LH and RH.

Refer to: [Port Injection Fuel Rail LH](#)(303-04A Fuel Charging and Controls - 2.7L EcoBoost (238kW/324PS), Removal and Installation).

Refer to: [Port Injection Fuel Rail RH](#)(303-04A Fuel Charging and Controls - 2.7L EcoBoost (238kW/324PS), Removal and Installation).

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Sample

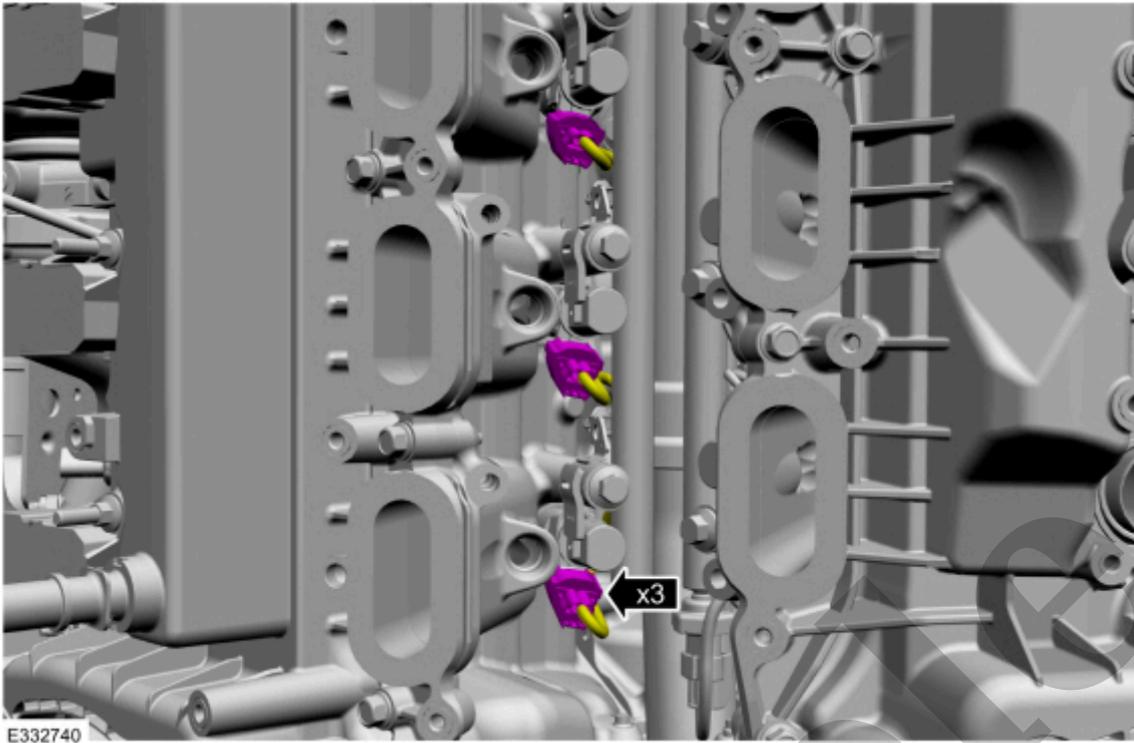


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3. 1. **NOTICE**

To release the fuel pressure in the high-pressure fuel tube, wrap the high-pressure fuel tube flare nuts with a shop towel to absorb any residual fuel pressure during the loosening of high-pressure fuel tube flare nuts.

2. Disconnect the high-pressure fuel pump-to-fuel rail high-pressure fuel tube flare nuts, then remove and discard the high-pressure fuel pump-to-fuel rail high-pressure fuel tube.

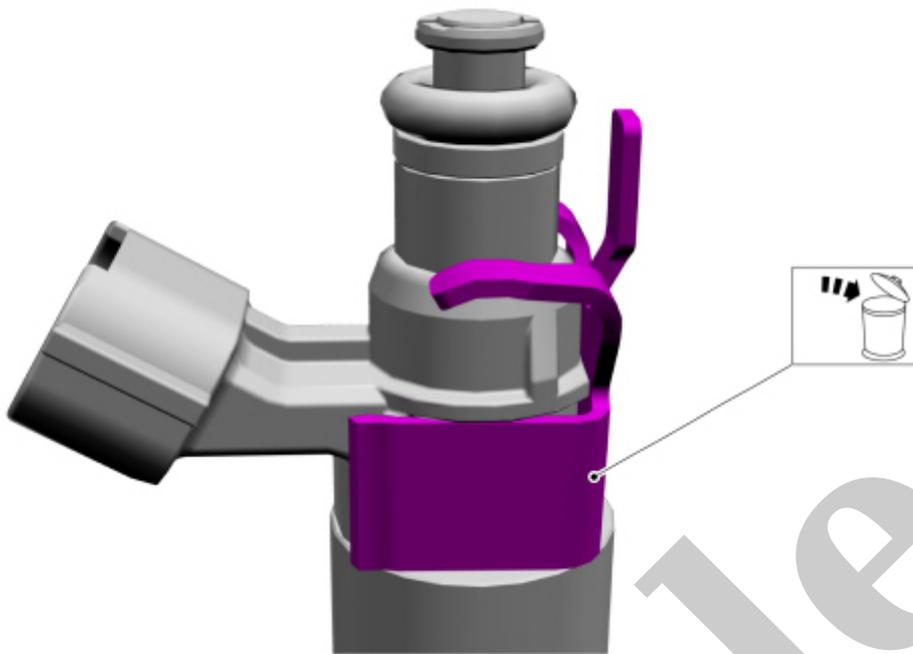


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6. NOTICE

Pull out the fuel rails in the direction of the fuel injector axis or damage may occur to the fuel injectors.

1. Use compressed air and remove any dirt or foreign material from the cylinder head, block and general surrounding area of the fuel rail and injectors.
 2. Remove the fuel rail bolts, then remove the fuel rail.
- Should any of the fuel injectors remain in the head, then the fuel injector electrical connectors will need to be disconnected as the fuel rail is being removed.
 - When removing the fuel rails, the fuel injectors may remain in the cylinder heads and require the use of a Fuel Injector Remover tool to extract. Wiggling the injector by hand to break it loose may allow the injector to be removed by hand.



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9. NOTICE

Use minimal force to remove the fuel injectors that remained in the cylinder head with the Fuel Injector Remover tool or damage to the fuel injector assembly may occur. Wiggling the injector by hand to break it loose may allow the injector to be removed by hand.

NOTE

Commercially available OTC 5028 8-1/2" long slide hammer may be substituted for 307-005 where there are clearance concerns.

Using the special tools, remove any of the fuel injectors that remained in the cylinder head.

Use Special Service Tool : 307-005 (T59L-100-B) Slide Hammer , 310-206 Remover, Fuel Injector