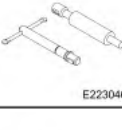


Fuel Rail

Special Tool(s) / General Equipment

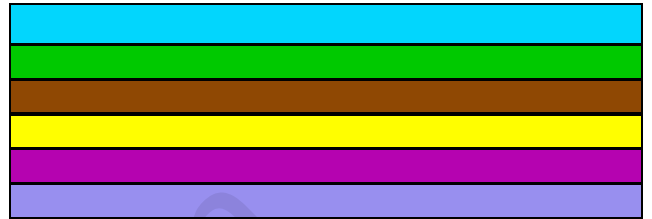
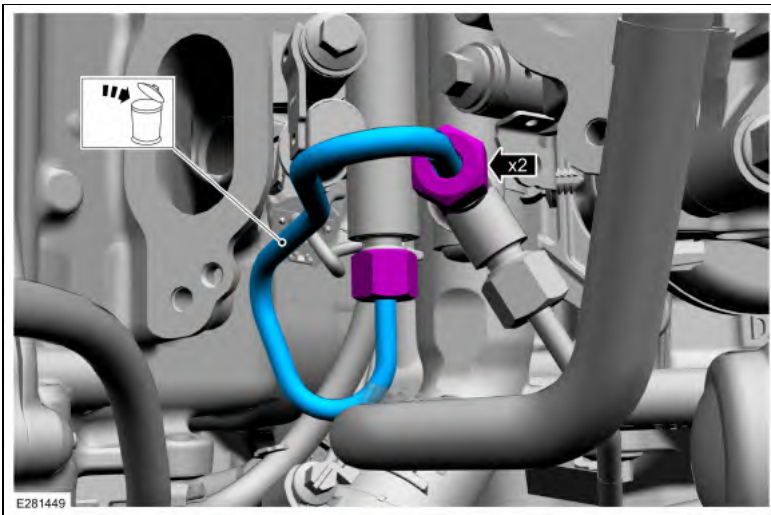
 E222987	303-1567 Sizer, Teflon Seal TKIT-2010C-FLM
 E222982	307-005 (T59L-100-B) Slide Hammer
 E223046	310-205 Fuel Injector Brush
 E168032	310-206 Remover, Fuel Injector TKIT-2009A-FLM
 E223047	310-207 Installer, Fuel Injector Seal Assembly TKIT-2009A-FLM

Removal

Both fuel rails

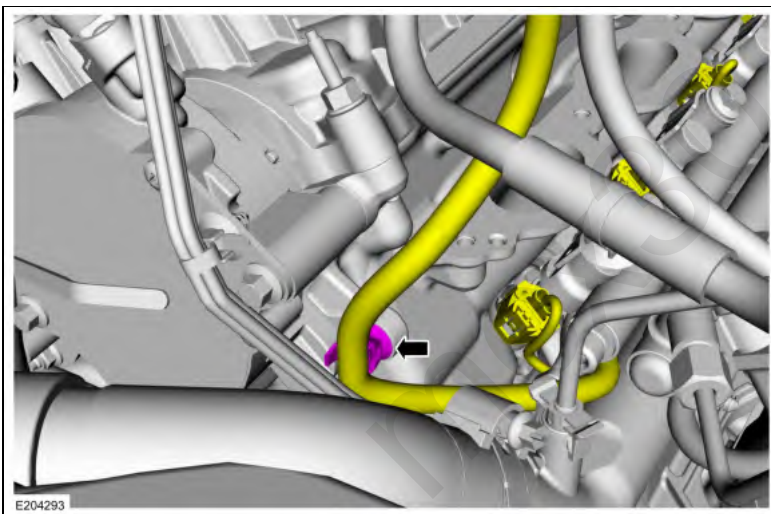
1. Release the fuel system pressure.
Refer to: Fuel System Pressure Release (310-00B Fuel System - General Information - 2.7L EcoBoost (238kW/324PS), General Procedures).
2. Disconnect the battery.
Refer to: Battery Disconnect and Connect (414-01 Battery, Mounting and Cables, General Procedures).
3. Remove the intake manifold.
Refer to: Intake Manifold (303-01B Engine - 2.7L EcoBoost (238kW/324PS), Removal and Installation).
4. **NOTICE: To release the fuel pressure in the fuel rail to fuel rail high-pressure fuel tube, wrap the fuel rail to fuel rail high-pressure fuel tube flare nuts with a shop towel to absorb any residual fuel pressure during the loosening of the fuel rail to fuel rail high-pressure fuel tube flare nuts.**

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



Left fuel rail

5. Detach the wiring harness retainer.



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

NOTICE: The isolator on the bottom of the fuel injector may fall off during removal. Look for any loose pieces and remove them. If this occurs replace the fuel injector.

NOTE: 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.

NOTE: 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.

NOTE: 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.

Remove the fuel rail bolts, then remove the fuel rail.