

Exhaust Gas Recirculation (EGR) Temperature Sensor

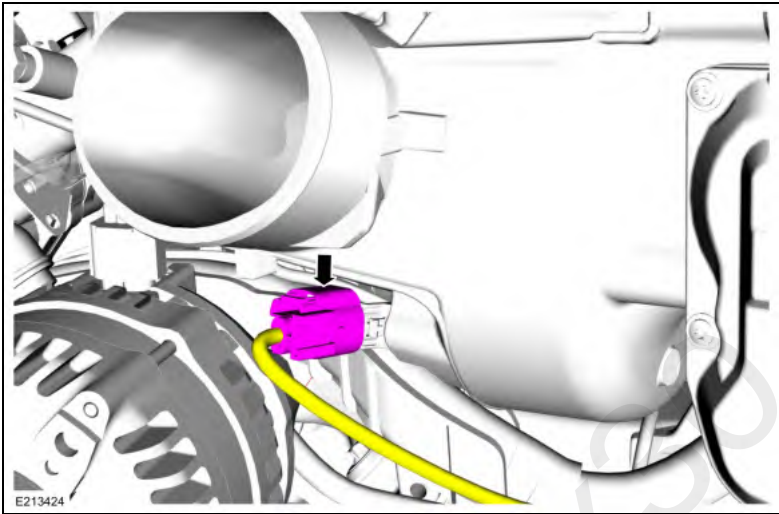
Materials

Name	Specification
Motorcraft® High Temperature Nickel Anti-Seize Lubricant XL-2	-
Motorcraft® Penetrating and Lock Lubricant XL-1	-

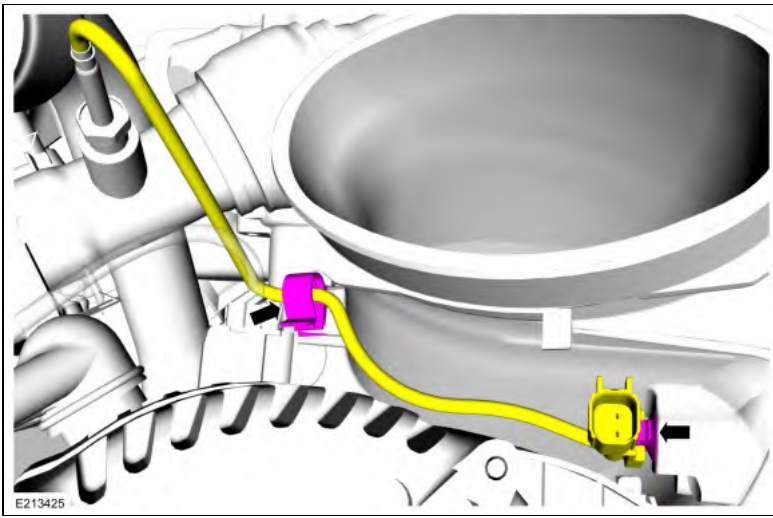
Removal

EGR Cooler outlet Exhaust Gas Recirculation (EGR) Temperature 12 Sensor

1. Remove air cleaner outlet pipe.
Refer to: Air Cleaner Outlet Pipe (303-12B Intake Air Distribution and Filtering - 6.7L Power Stroke Diesel, Removal and Installation).
2. Disconnect the EGRT (exhaust gas recirculation temperature) sensor electrical connector.



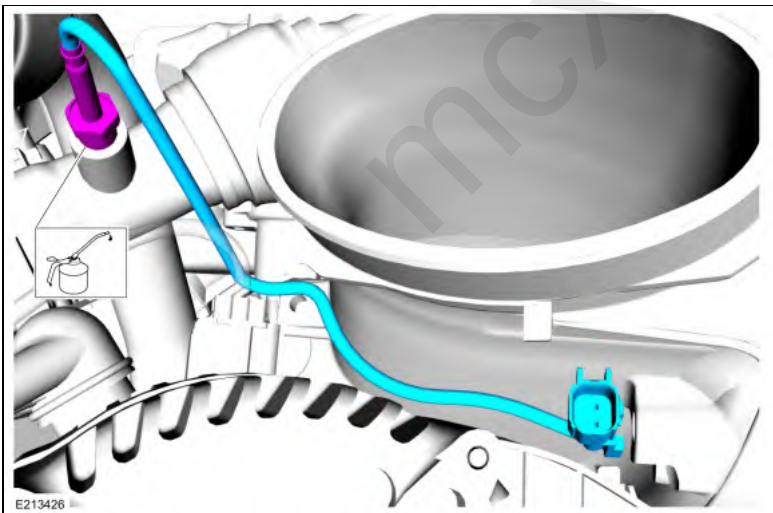
3. Detach the Exhaust Gas Recirculation Temperature (EGRT) sensor electrical connector retainer and then detach the wire from the wire retainer.



4. **NOTE:** Lubricate the EGRT (exhaust gas recirculation temperature) sensor threads with penetrating and lock lubricant to assist in removal of the EGRT (exhaust gas recirculation temperature) sensor.

Remove the EGRT (exhaust gas recirculation temperature) sensor.

Material: Motorcraft® Penetrating and Lock Lubricant / XL-1

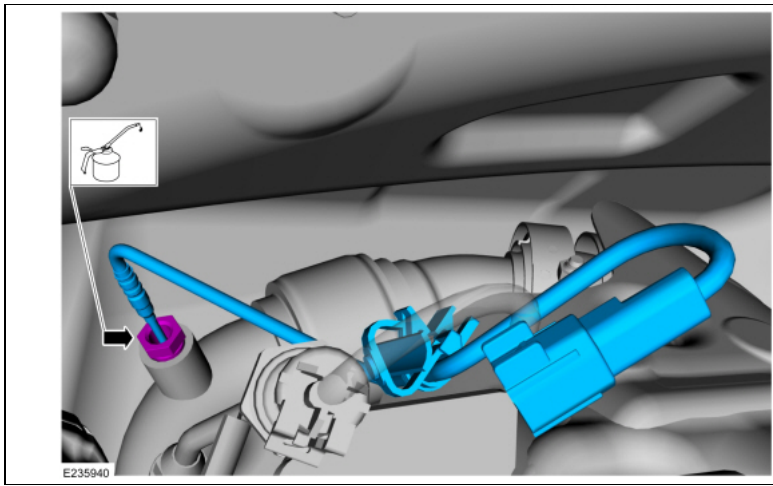


EGR Cooler inlet Exhaust Gas Recirculation (EGR) Temperature 11 Sensor

5. Remove the upper intake manifold.
Refer to: Upper Intake Manifold (303-01B Engine - 6.7L Power Stroke Diesel, Removal and Installation).
6. **NOTE:** Lubricate the EGRT (exhaust gas recirculation temperature) sensor threads with penetrating and lock lubricant to assist in removal of the EGRT (exhaust gas recirculation temperature) sensor.

Remove the EGRT (exhaust gas recirculation temperature) sensor.

Material: Motorcraft® Penetrating and Lock Lubricant / XL-1



Installation

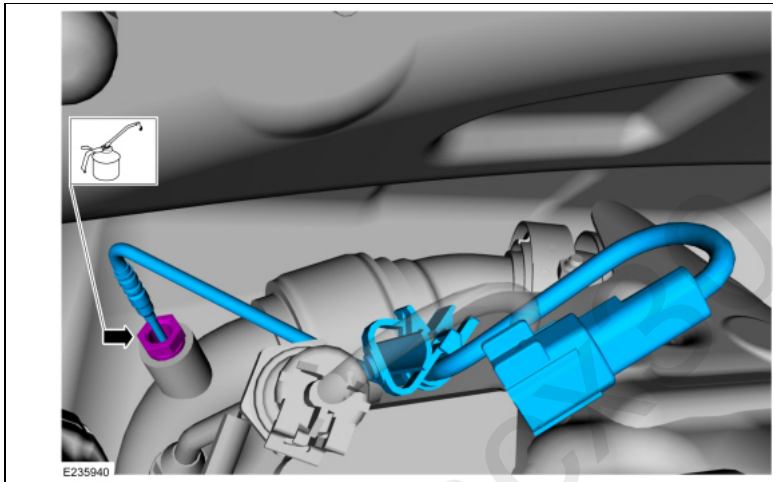
EGR Cooler inlet Exhaust Gas Recirculation (EGR) Temperature 11 Sensor

- NOTE:** Before installing the EGRT (exhaust gas recirculation temperature) sensor apply a light coat of anti-seize lubricant to the threads of the EGRT (exhaust gas recirculation temperature) sensor.

Install and tighten the EGRT (exhaust gas recirculation temperature) sensor.

Material: Motorcraft® High Temperature Nickel Anti-Seize Lubricant / XL-2

Torque: 22 lb.ft (30 Nm)



- Install the upper intake manifold.
Refer to: Upper Intake Manifold (303-01B Engine - 6.7L Power Stroke Diesel, Removal and Installation).

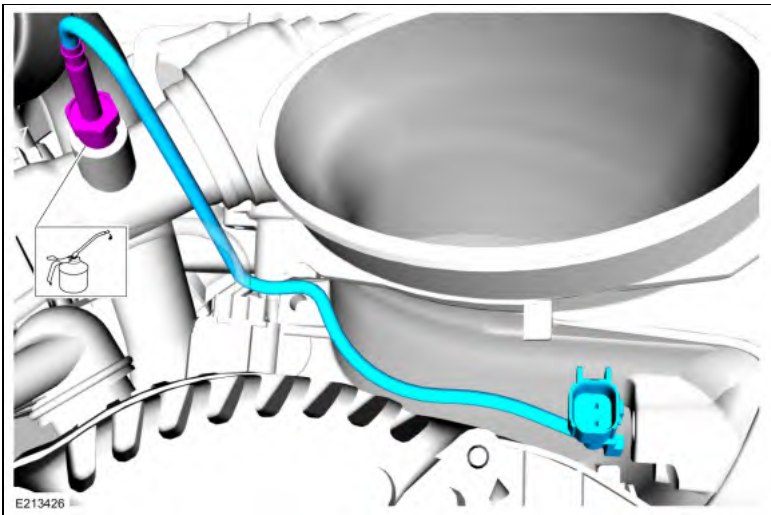
EGR Cooler outlet Exhaust Gas Recirculation (EGR) Temperature 12 Sensor

- NOTE:** Before installing the EGRT (exhaust gas recirculation temperature) sensor apply a light coat of anti-seize lubricant to the threads of the EGRT (exhaust gas recirculation temperature) sensor.

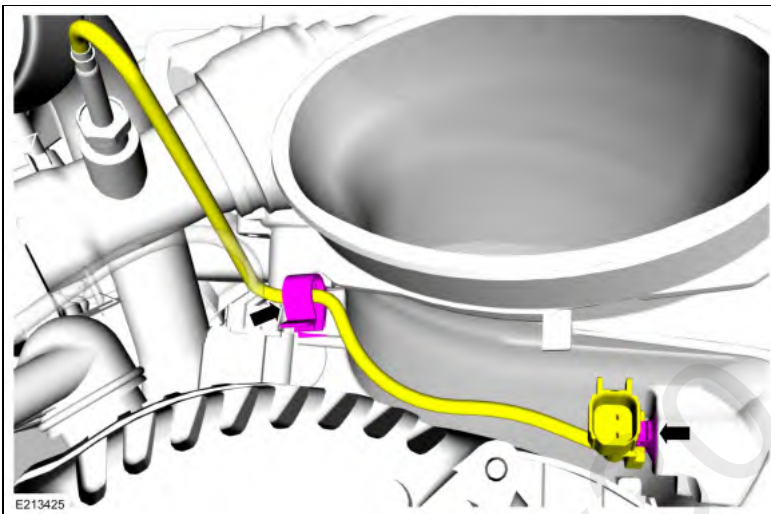
Install and tighten the EGRT (exhaust gas recirculation temperature) sensor.

Material: Motorcraft® High Temperature Nickel Anti-Seize Lubricant / XL-2

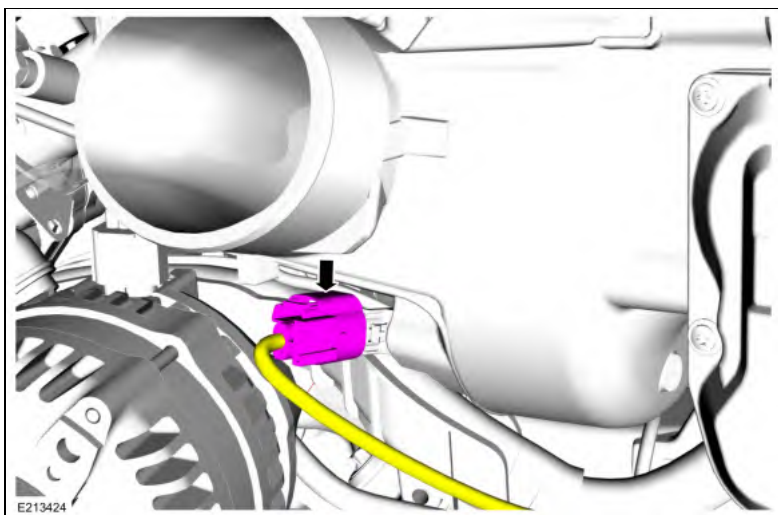
Torque: 32 lb.ft (44 Nm)



4. Attach the EGRT (exhaust gas recirculation temperature) sensor wire to the wire retainer and then attach the EGRT (exhaust gas recirculation temperature) sensor electrical connector retainer.



5. Connect the EGRT (exhaust gas recirculation temperature) sensor electrical connector.



6. Install air cleaner outlet pipe.

Refer to: Air Cleaner Outlet Pipe (303-12B Intake Air Distribution and Filtering - 6.7L Power Stroke Diesel, Removal and Installation).