

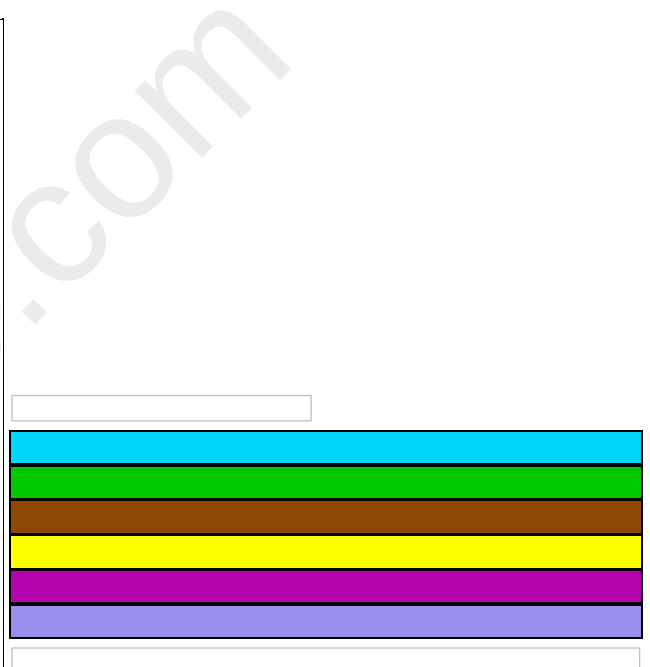
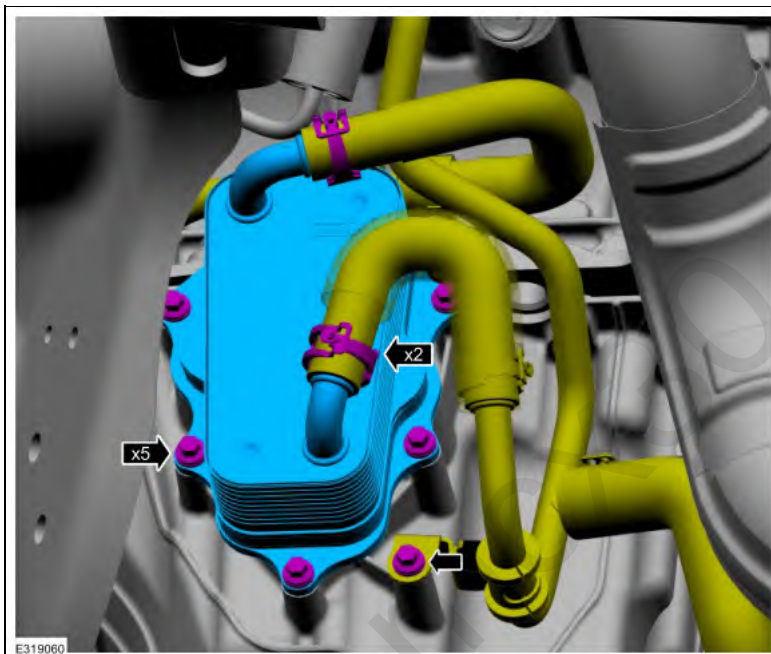
Oil Cooler

Special Tool(s) / General Equipment

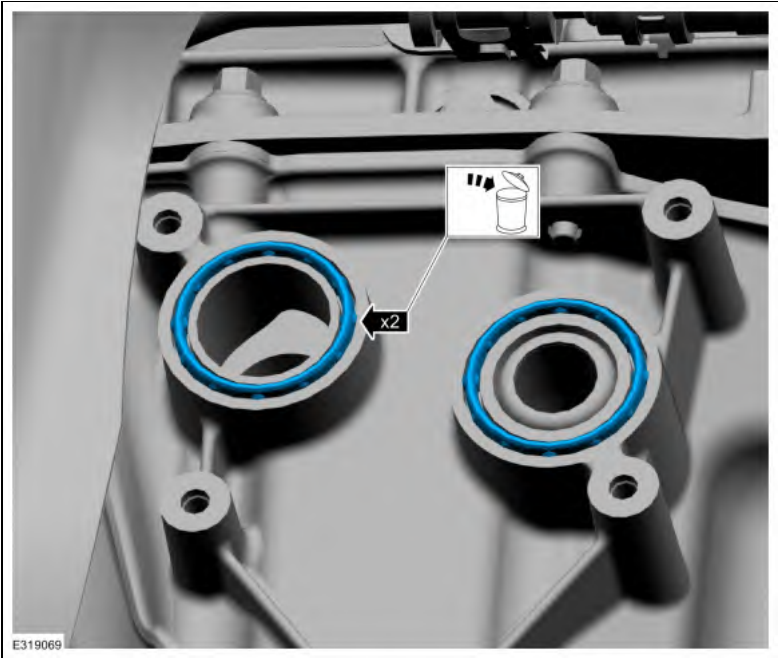
Oil Drain Equipment

Removal

1. With the vehicle in NEUTRAL, position it on a hoist.
Refer to: Jacking and Lifting - Overview (100-02 Jacking and Lifting, Description and Operation).
2. Drain the engine cooling system.
Refer to: Engine Cooling System Draining, Vacuum Filling and Bleeding (303-03D Engine Cooling - 7.3L 2V DEVCT V8 (239kW/320PS) (J0), General Procedures).
3. Drain the engine oil and remove and discard the engine oil filter.
Refer to: Engine Oil Draining and Filling (303-01C Engine - 7.3L 2V DEVCT V8 (239kW/320PS) (J0), General Procedures).
4.
 1. Remove the coolant hose bracket bolt.
 2. Release the clamps and disconnect the coolant hoses.
 3. Remove the bolts and the oil cooler.Use the General Equipment: Oil Drain Equipment

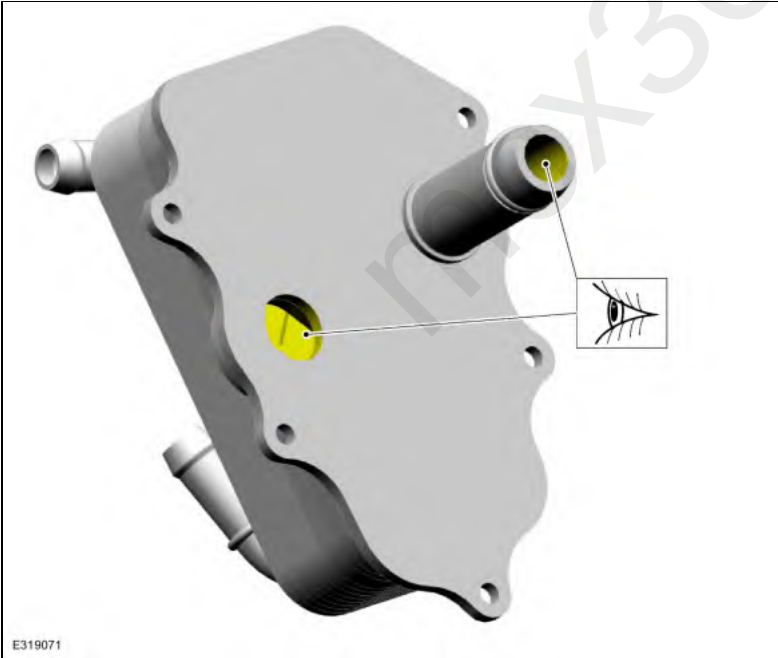


5. Remove and discard the gaskets.

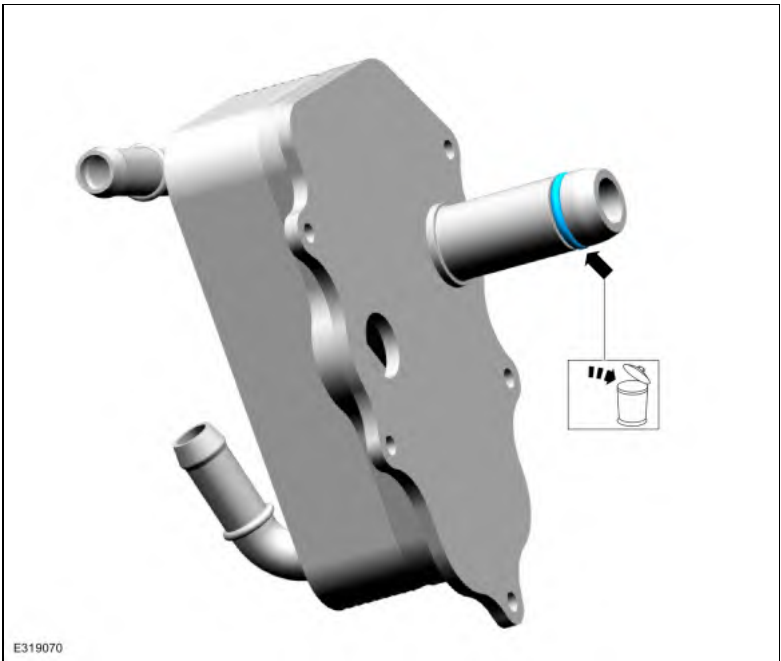


6. **NOTICE:** If metal or aluminum material is present in the oil cooler, mechanical concerns exist. Failure to correct these concerns may cause engine failure. To diagnose mechanical concerns, refer to Section 303-00.

Inspect the oil cooler.

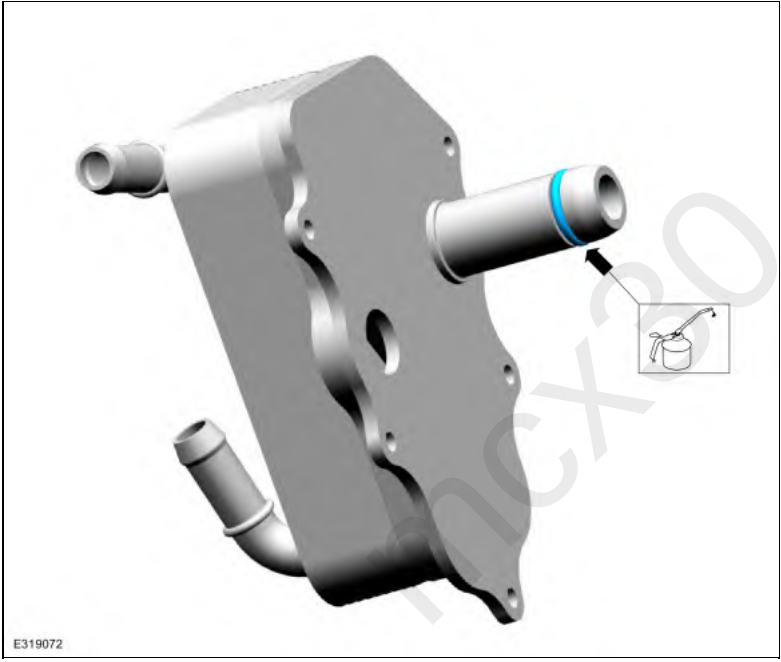


7. Remove and discard the O-ring seal.

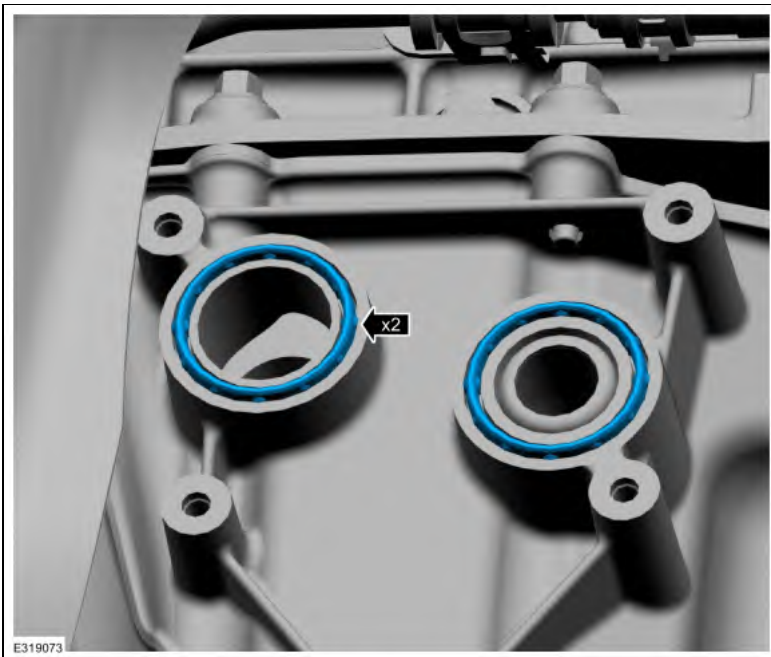


Installation

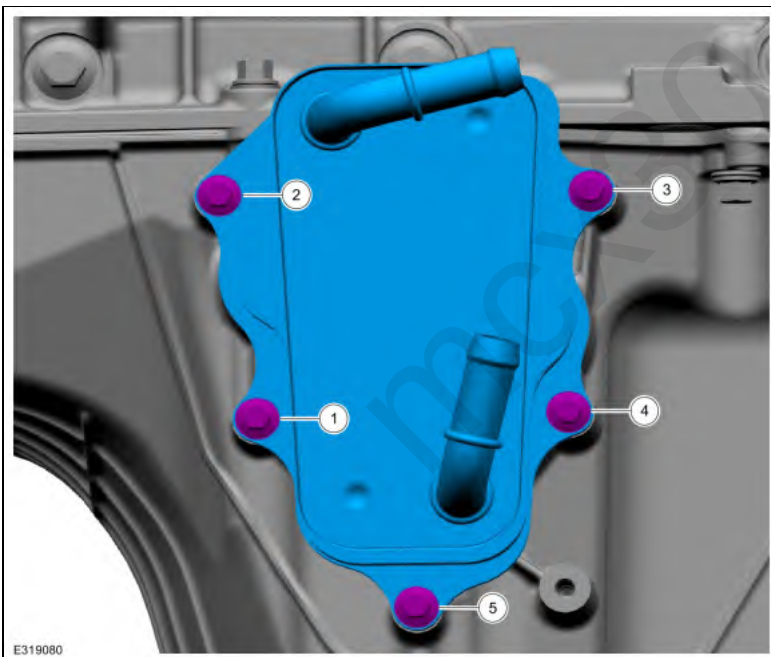
- 1. Install a new O-ring seal and lubricate with clean engine oil.



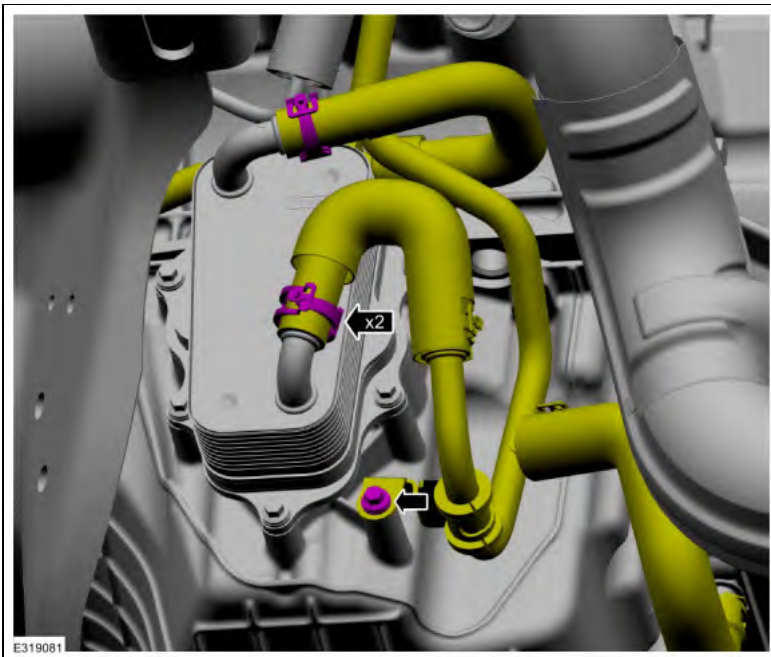
- 2. Install new gaskets.



3. Install the oil cooler and the bolts.
Torque: 89 lb.in (10 Nm)



- 4.
1. Connect the coolant hoses and clamps.
 2. Install the coolant hose bracket bolt.
Torque: 97 lb.in (11 Nm)



5. Install a new oil filter and fill the engine with clean engine oil.
Refer to: Engine Oil Draining and Filling (303-01C Engine - 7.3L 2V DEVCT V8 (239kW/320PS) (J0), General Procedures).
6. Fill and bleed the engine cooling system.
Refer to: Engine Cooling System Draining, Vacuum Filling and Bleeding (303-03D Engine Cooling - 7.3L 2V DEVCT V8 (239kW/320PS) (J0), General Procedures).

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