

Oil Cooler

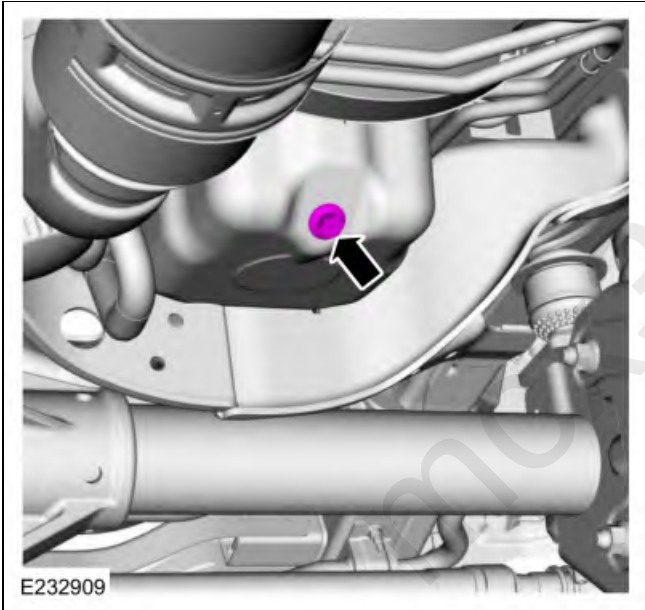
Special Tool(s) / General Equipment

Oil Drain Equipment
Locking Pliers

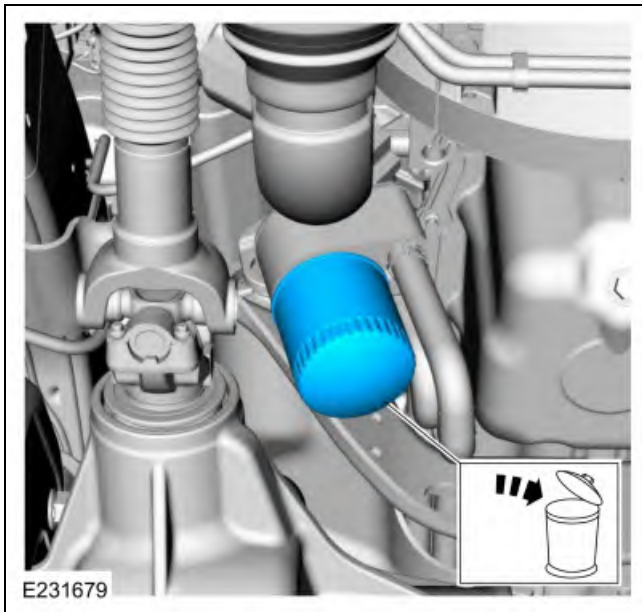
Removal

NOTICE: During engine repair procedures, cleanliness is extremely important. Any foreign material, including any material created while cleaning gasket surfaces, that enters the oil passages, coolant passages or the oil pan, can cause engine failure.

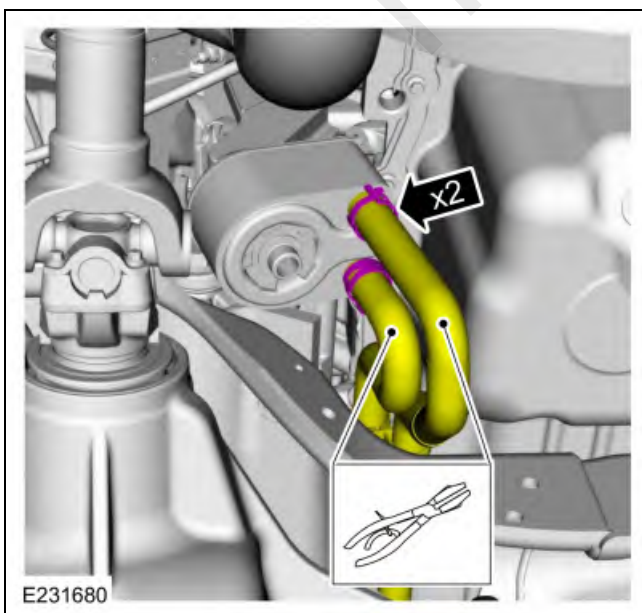
1. With the vehicle in NEUTRAL, position it on a hoist.
Refer to: Jacking and Lifting - Overview (100-02 Jacking and Lifting, Description and Operation).
2.
 - Remove the drain plug and drain the engine oil.
Use the General Equipment: Oil Drain Equipment
 - Install the drain plug.
Torque: 17 lb.ft (23 Nm)



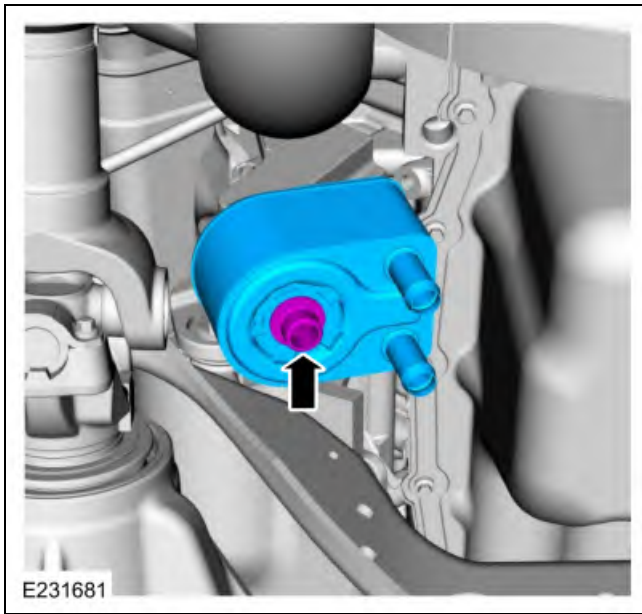
3. **NOTICE:** Be prepared to collect escaping fluid.
Remove and discard the engine oil filter.
Use the General Equipment: Oil Drain Equipment



- 4.
- Using hose locking pliers, clamp the oil cooler coolant hoses. Use the General Equipment: Locking Pliers
 - **NOTICE: Be prepared to collect escaping fluid.**
- Disconnect the coolant hoses.

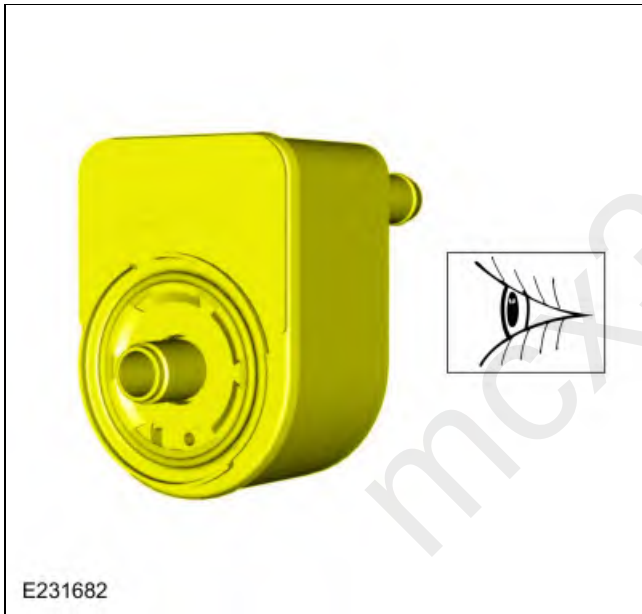


5. Remove the retainer and the engine oil cooler.



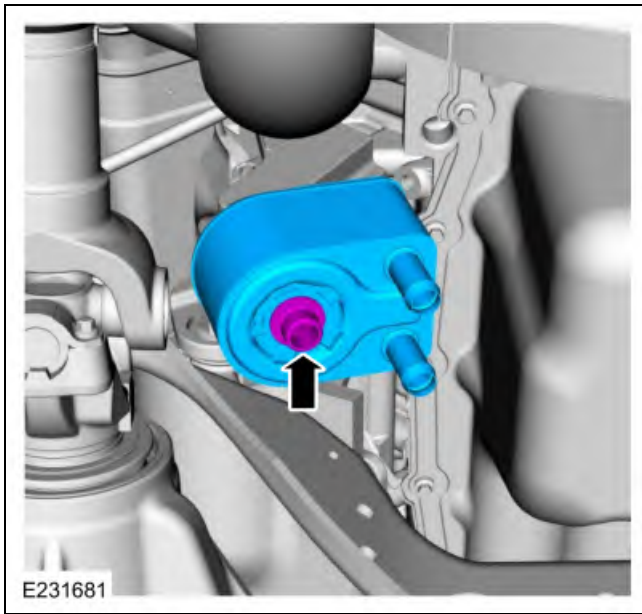
6. **NOTICE:** If metal or aluminum material is present in the oil cooler, mechanical concerns exist. Failure to correct these concerns may cause engine failure. To diagnose mechanical concerns, refer to Section 303-00.

Inspect the oil cooler.
 Refer to: Engine (303-00 Engine System - General Information, Diagnosis and Testing).



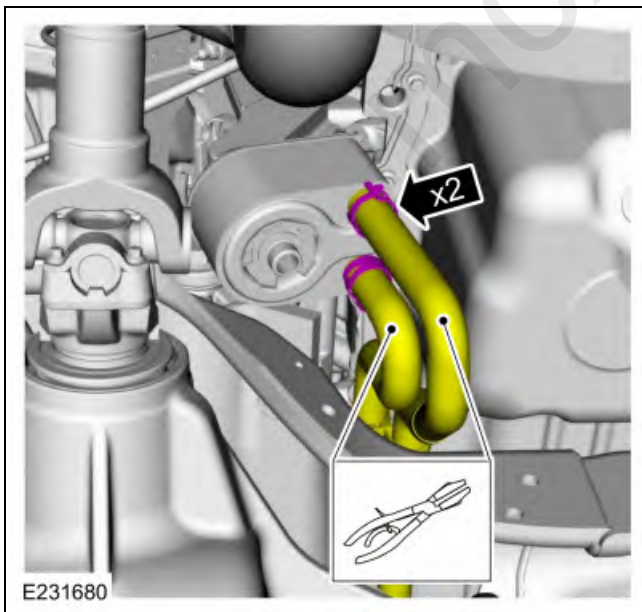
Installation

1. Install the engine oil cooler and the retainer.
Torque: 43 lb.ft (58 Nm)

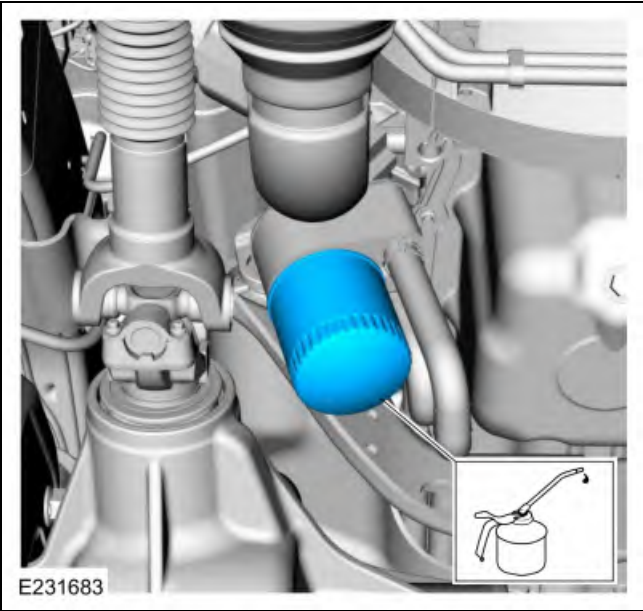


2.

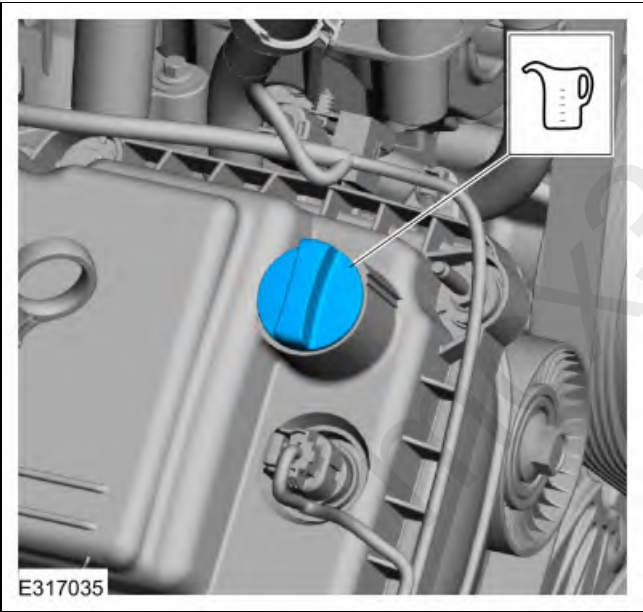
- Connect the coolant hoses.
- Remove the hose locking pliers
Use the General Equipment: Locking Pliers



3. Lubricate the oil filter gasket with clean engine oil and install a new engine oil filter.



4. Fill the engine with clean engine oil.
Refer to: Specifications (303-01A Engine - 6.2L V8, Specifications).



5. Inspect and adjust the coolant level in the degas bottle.
Refer to: Specifications (303-03A Engine Cooling - 6.2L V8, Specifications).
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