

Radiator

Base Part Number: 8005

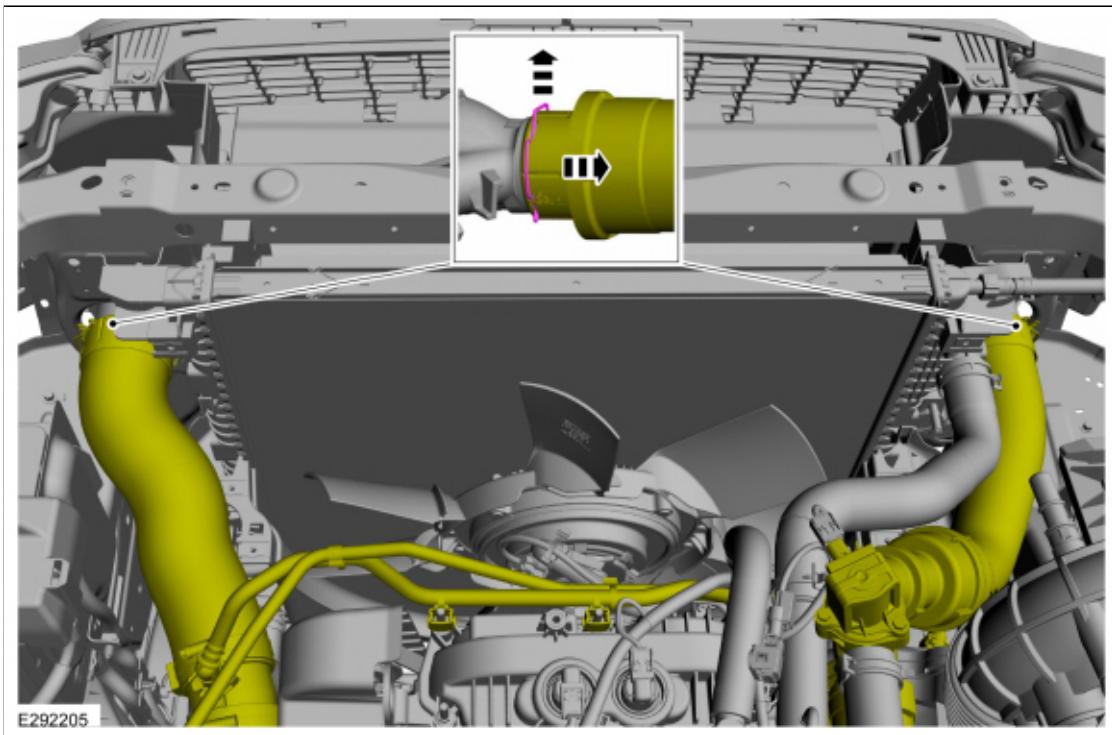
Special Tool(s) / General Equipment**Hose Clamp Remover/Installer****Removal**

WARNING: Always allow the engine to cool before opening the cooling system. Do not unscrew the coolant pressure relief cap when the engine is operating or the cooling system is hot. The cooling system is under pressure; steam and hot liquid can come out forcefully when the cap is loosened slightly. Failure to follow these instructions may result in serious personal injury.

NOTE: Removal steps in this procedure may contain installation details.

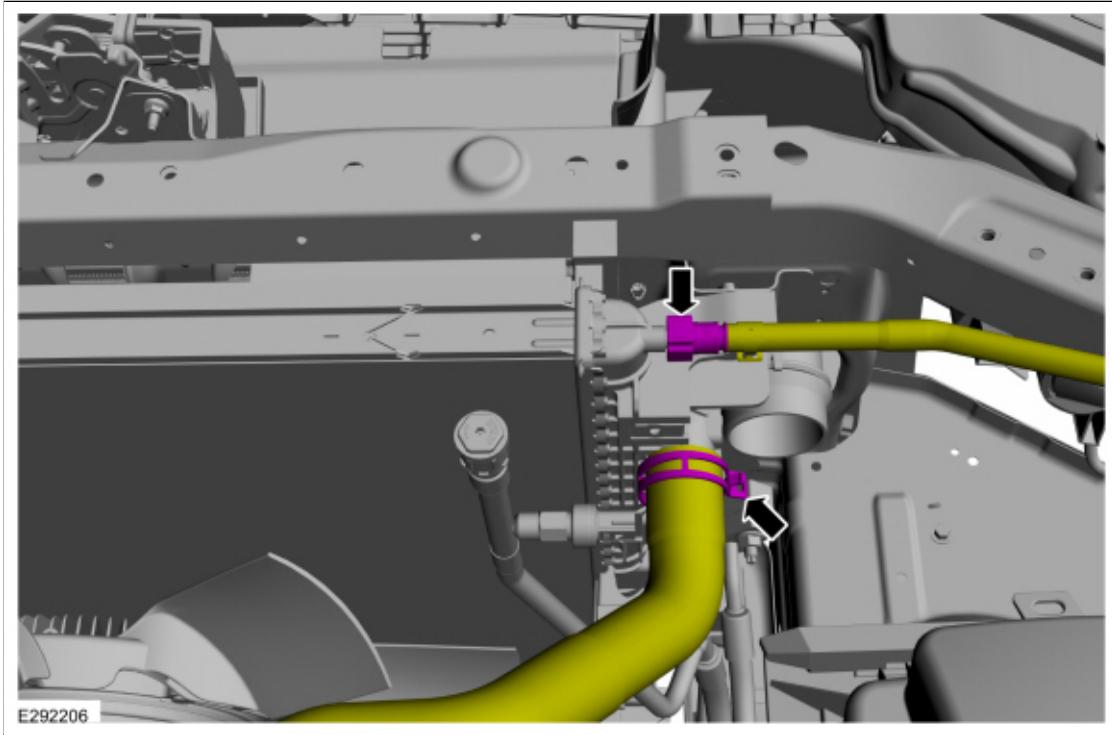
1. Drain the cooling system.
Refer to: [Cooling System Draining, Vacuum Filling and Bleeding](#) (303-03 Engine Cooling - 2.3L EcoBoost (201kW/273PS), General Procedures).
2. Recover the refrigerant.
Refer to: [Air Conditioning \(A/C\) System Recovery, Evacuation and Charging](#) (412-00 Climate Control System - General Information, General Procedures).
3. Remove the cooling fan upper shroud.
Refer to: [Cooling Fan Upper Shroud](#) (303-03 Engine Cooling - 2.3L EcoBoost (201kW/273PS), Removal and Installation).
4. Release the clip and disconnect CAC outlet pipe and inlet pipe.





5.

- Disconnect the quick release coupling.
- Release the clamp and disconnect the upper radiator hose.
Use the General Equipment: Hose Clamp Remover/Installer

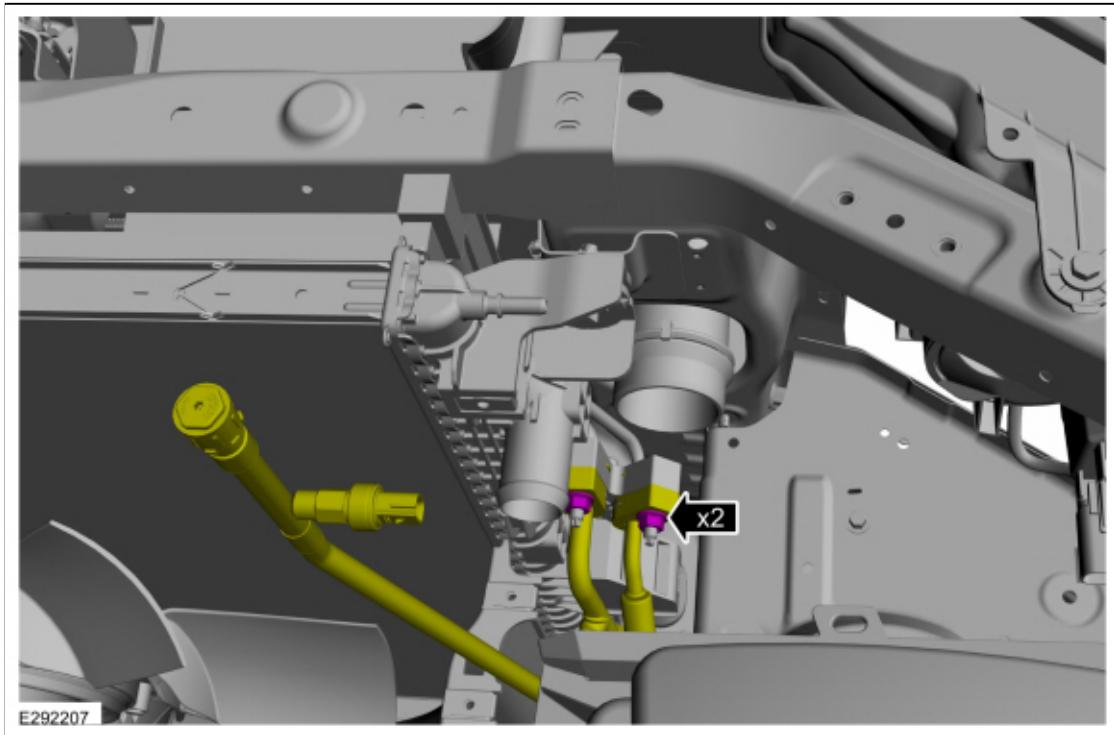


6. **NOTE:** Take extra care not to damage the A/C refrigerant filling pipe.

NOTE: Make sure to cover any open ports to prevent debris from entering the system.

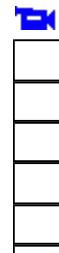
Remove the condenser inlet, outlet nuts and disconnect the fittings.

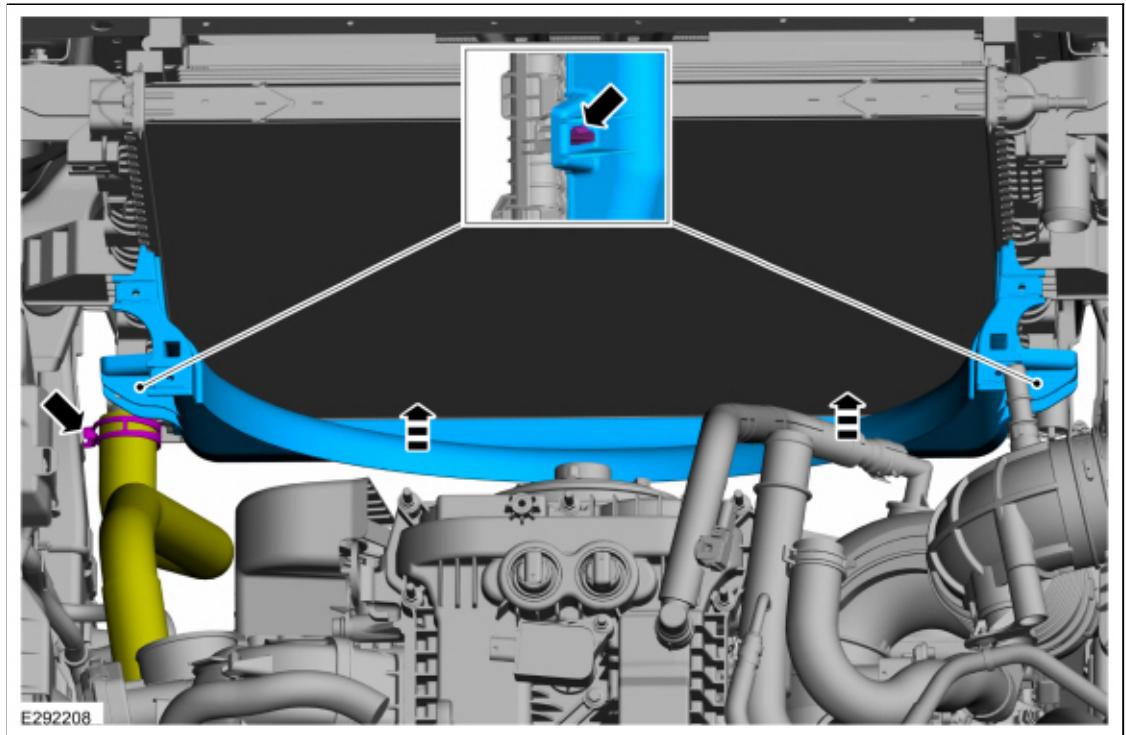
Torque: 155 lb.in (17.5 Nm)



7.

- Release the clamp and disconnect the lower radiator hose.
Use the General Equipment: Hose Clamp Remover/Installer
- Remove the lower cooling fan shroud.

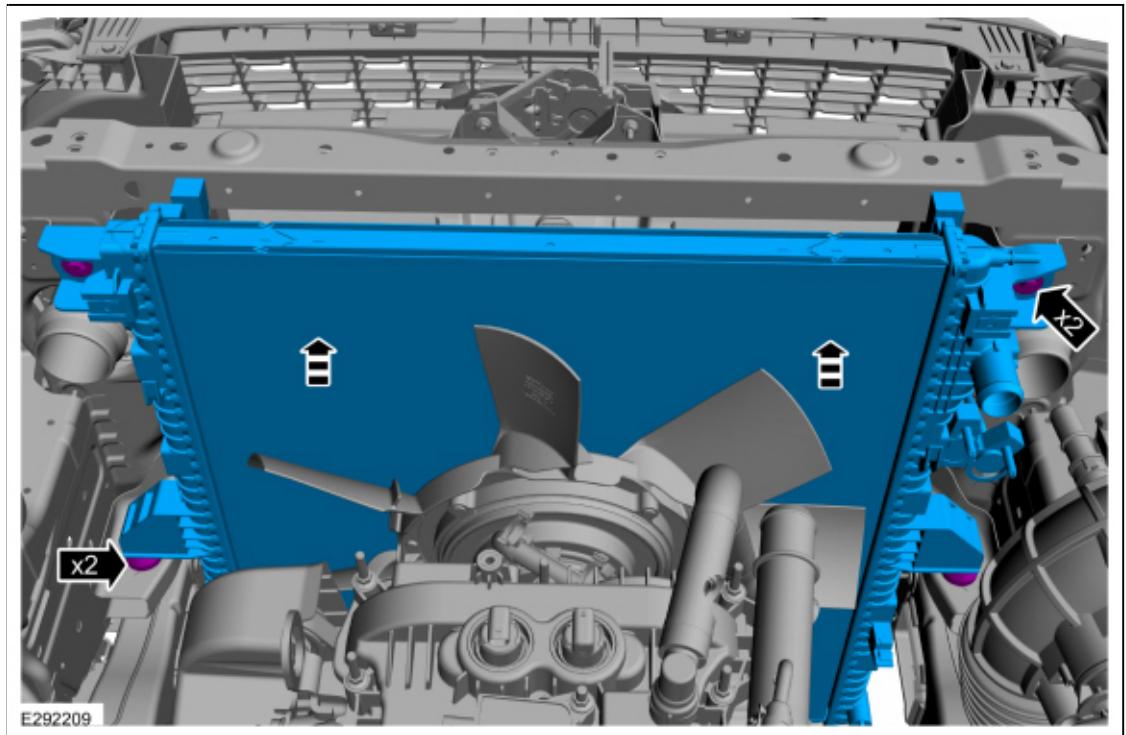




8. **NOTE:** Take extra care not to damage the radiator during removal.

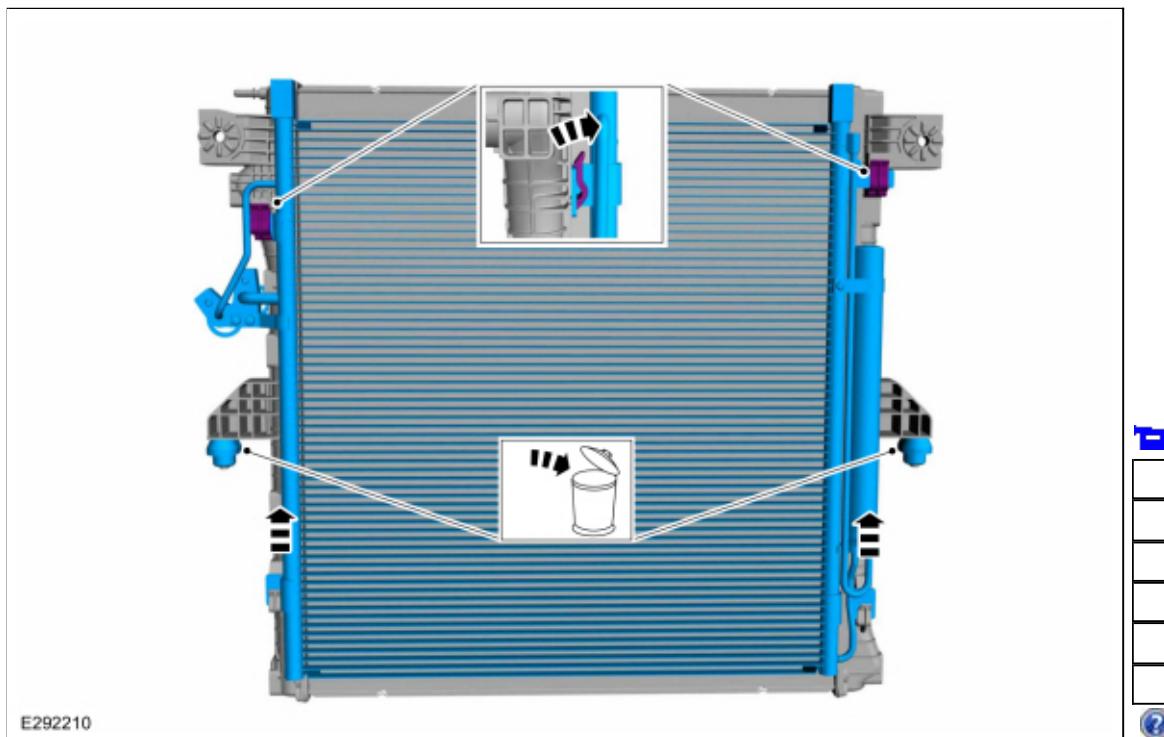
Remove the bolt and the radiator.

Torque: 177 lb.in (20 Nm)



9. **NOTE:** Radiator insulators are to be reused unless damaged.

Release the tabs and separate the condenser assembly from the radiator. Discard the radiator isolators.

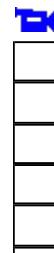


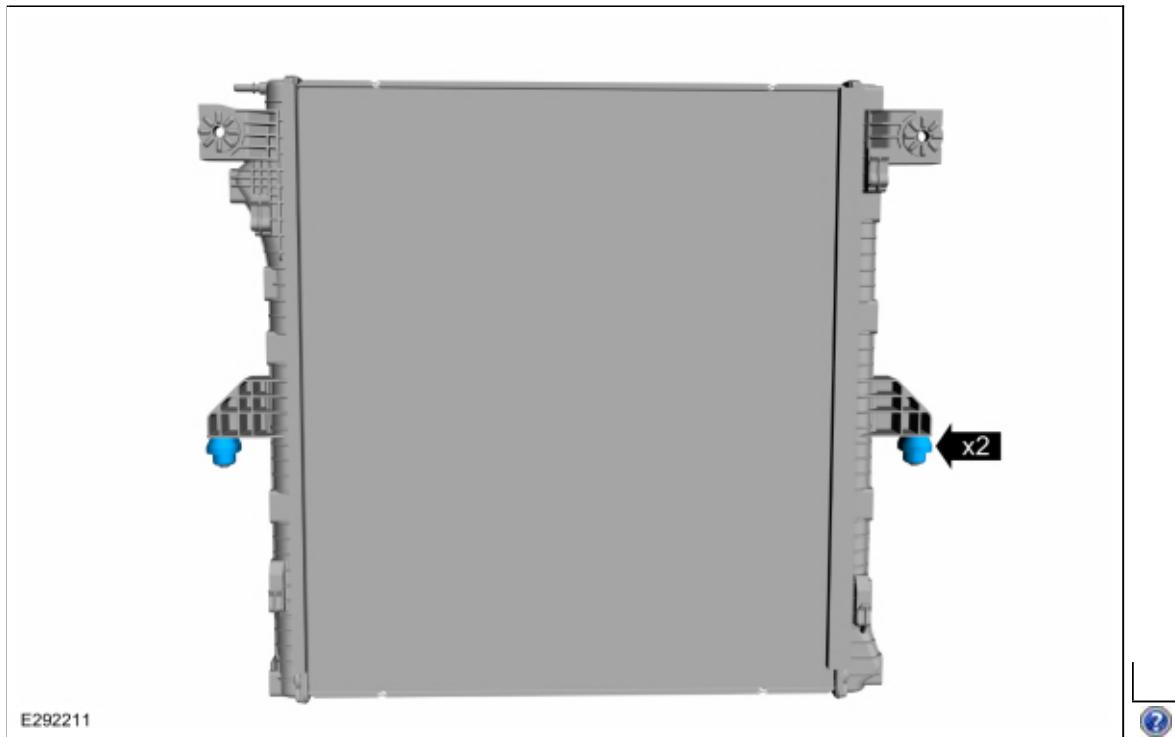
Installation

1. **NOTE:** Take extra care not to damage the radiator during installation.

NOTE: Radiator isolators are to be reused unless damaged.

Install the new radiator isolators.





2. **NOTE:** Make sure that no components catch when installing the radiator.

To install, reverse the removal procedure.

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