

Condenser - 6.7L Power Stroke Diesel

Materials

Name	Specification
Motorcraft® PAG Refrigerant Compressor Oil YN-12-D	WSH-M1C231-B

Removal

NOTICE: During the removal of components, cap, tape or otherwise appropriately protect all openings to prevent the ingress of dirt or other contamination. Remove protective materials prior to installation.

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

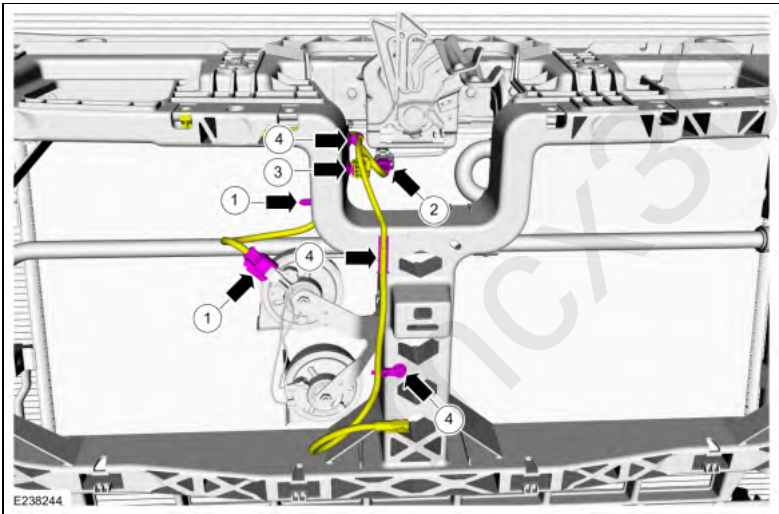
1. Recover the refrigerant.
Refer to: Air Conditioning (A/C) System Recovery, Evacuation and Charging (412-00 Climate Control System - General Information, General Procedures).
2. Remove both headlamp assemblies.
Refer to: Headlamp Assembly (417-01 Exterior Lighting, Removal and Installation).
3.

1. All Vehicles.
Disconnect the horn electrical connector and detach the wiring harness retainer.

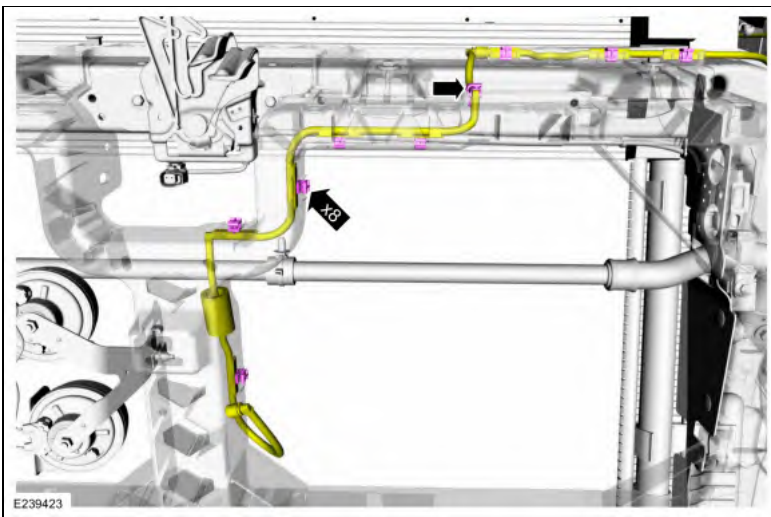
2. Vehicles Equipped With Hood Ajar Switch.
Disconnect the electrical connector.

3. Vehicles Not Equipped With Hood Ajar Switch.
Detach the wiring harness retainer.

4. Vehicles With Park Aid Camera.
Detach the wiring harness retainers.



4. Detach the pin-type retainer, release the clips and position the washer fluid hose aside.

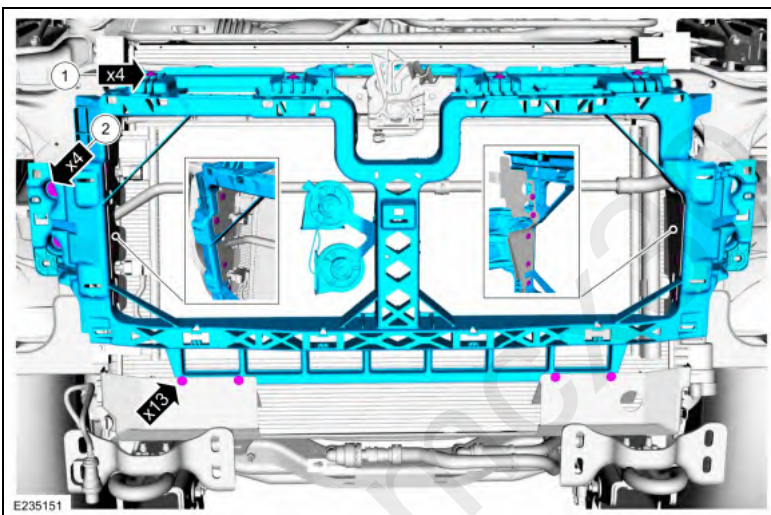


5. Remove the bolts, push-pins and the radiator grille bracket.

Torque:

Stage 1: 62 lb.in (7 Nm)

Stage 2: 22 lb.ft (30 Nm)



6.

1. Remove the A/C condenser inlet and outlet line nuts and disconnect the fittings.

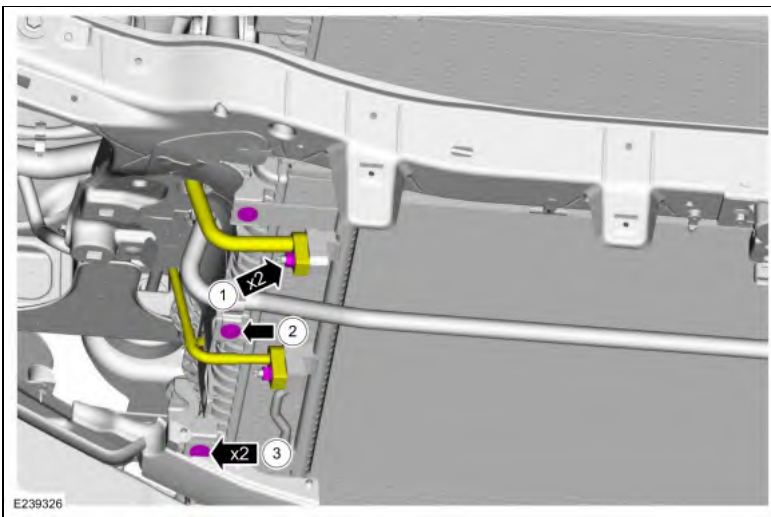
Torque: 159 lb.in (18 Nm)

2. Remove the bolt.

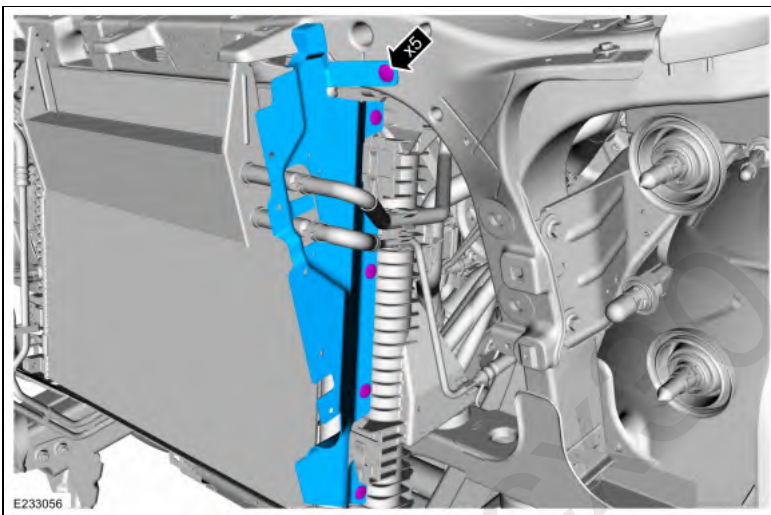
3. Remove the condenser mounting bolts.

Torque: 89 lb.in (10 Nm)

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

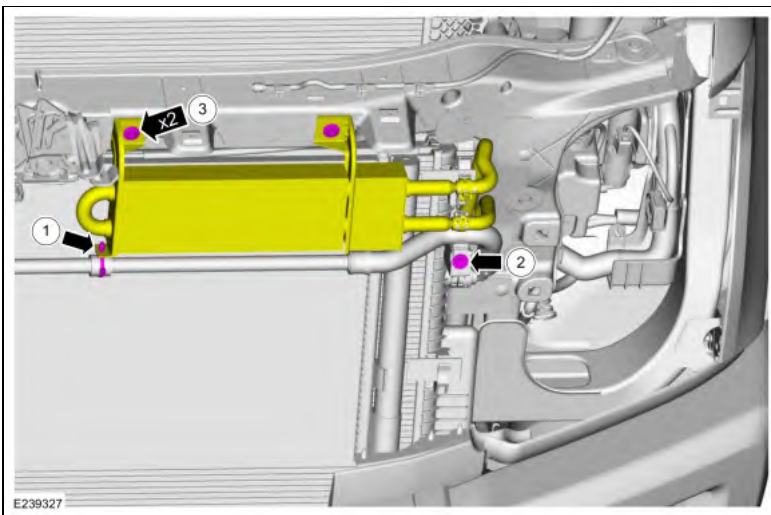


7. Remove the push-pins and the LH air deflector.

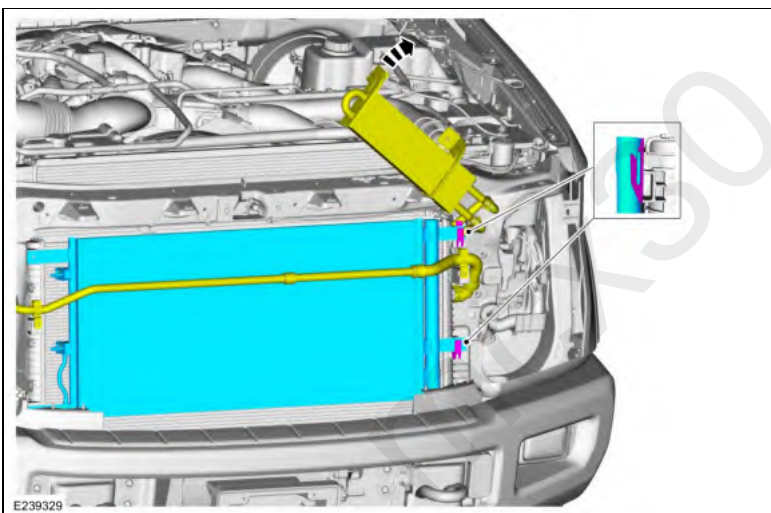


8.
 1. Remove the coolant hose support retainer.
 2. Remove the bolt.
 3. Remove the power steering cooler bolts.

Torque: 26 lb.ft (35 Nm)



9. Position the power steering cooler aside and remove the condenser.



Installation

1. To install, reverse the removal procedure.
2. **NOTICE: Only use the specified material to lubricate the seals.**

Install new O-ring seals.

Material: Motorcraft® PAG Refrigerant Compressor Oil / YN-12-D (WSH-M1C231-B)

3. Lubricate the refrigerant system with the correct amount of clean PAG oil.
Refer to: Refrigerant Oil Adding (412-00 Climate Control System - General Information, General Procedures).

