

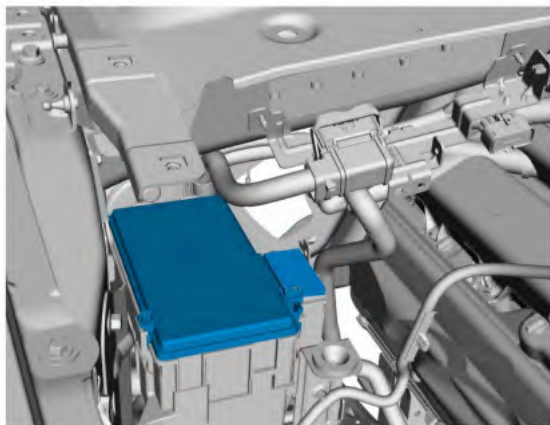
Evaporator Inlet and Outlet Manifold - 6.7L Power Stroke Diesel

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.

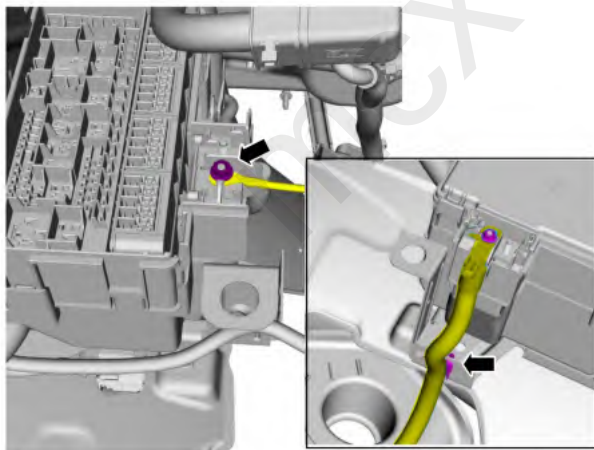
1. Recover the refrigerant. Refer to the appropriate Recovery procedure in Group 412.
2. Disconnect the battery/batteries.
Refer to: Battery Disconnect and Connect (414-01 Battery, Mounting and Cables, General Procedures).
3. Detach the RH battery buss cover.



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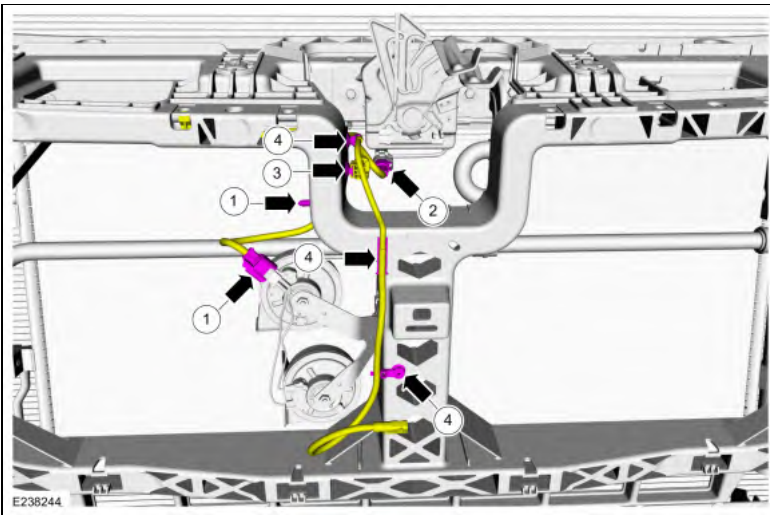
4. Remove the nut and disconnect the RH battery positive cable from the RH battery buss and detach the cable retainer clip.
Torque: 89 lb.in (10 Nm)



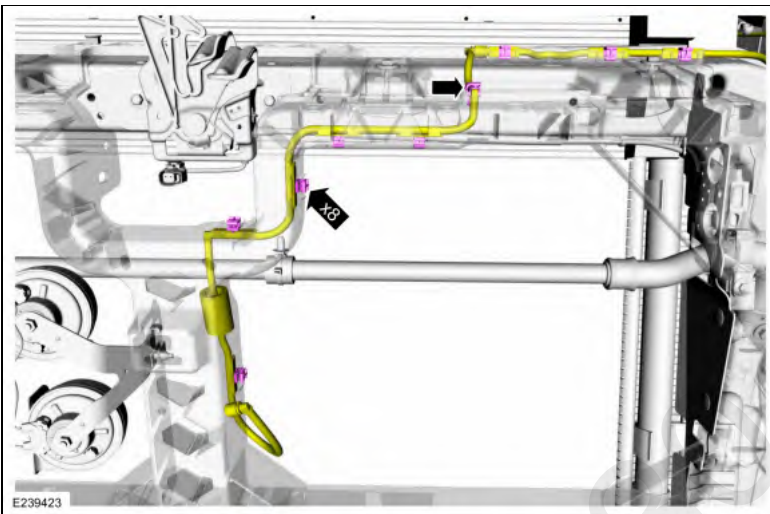
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5. Remove both headlamp assemblies.
Refer to: Headlamp Assembly (417-01 Exterior Lighting, Removal and Installation).
6.
 1. All Vehicles.
Disconnect the horn electrical connector and detach the wiring harness retainer.
 2. Vehicles Equipped With Hood 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.



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

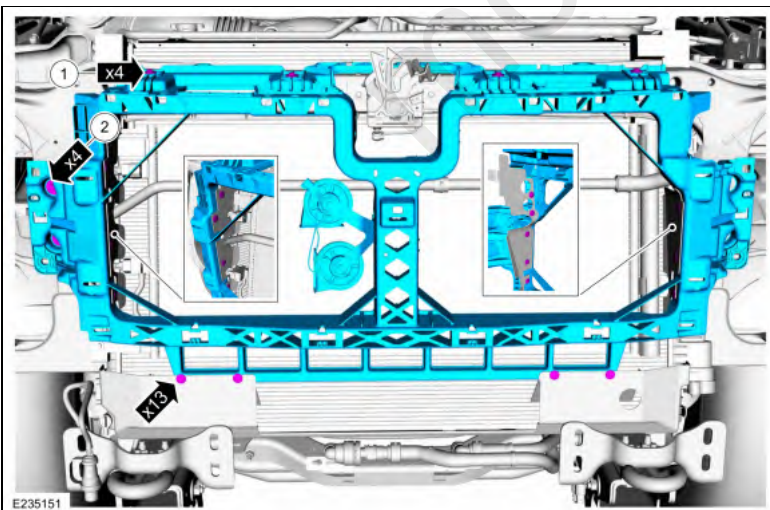


8. Remove the bolts, push-pins and the radiator grille bracket.

Torque:

Stage 1: 62 lb.in (7 Nm)

Stage 2: 22 lb.ft (30 Nm)



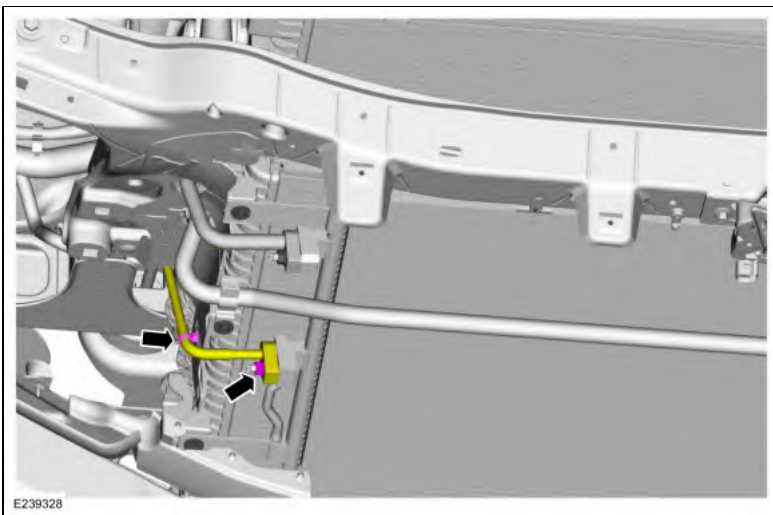
9.

Remove the condenser outlet line nut and disconnect the fitting and clip.

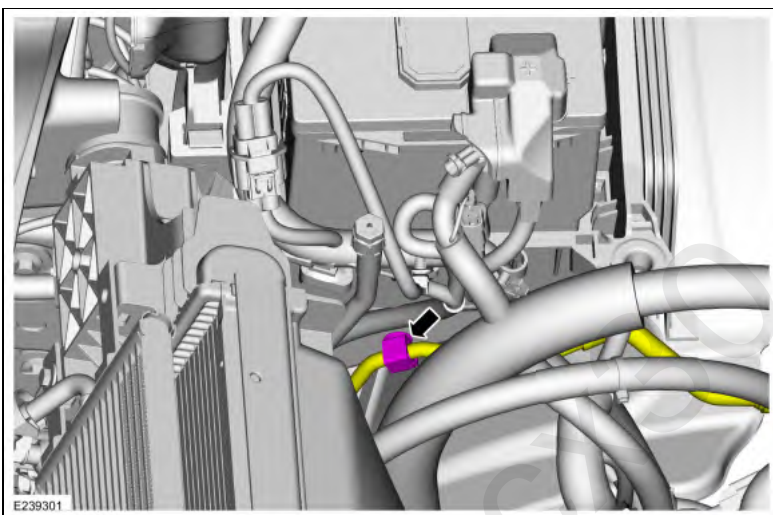
- Make sure to cover any open ports to prevent debris from entering the system.

Torque: 159 lb.in (18 Nm)



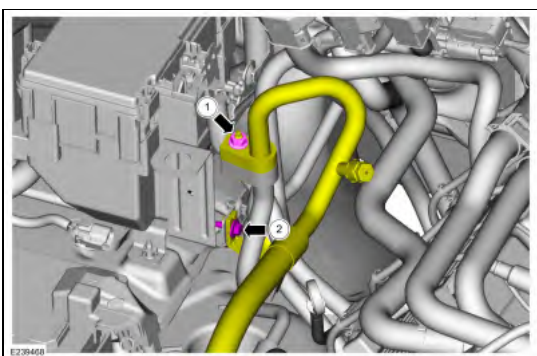


10. Remove the air cleaner outlet pipe.
Refer to: Air Cleaner Outlet Pipe (303-12B Intake Air Distribution and Filtering - 6.7L Power Stroke Diesel, Removal and Installation).
11. Remove the air cleaner.
Refer to: Air Cleaner (303-12B Intake Air Distribution and Filtering - 6.7L Power Stroke Diesel, Removal and Installation).
12. Detach the routing clip.



13.
 1. Remove the retainer and position aside the A/C compressor inlet line.
 2. Remove the evaporator inlet and outlet manifold tube bracket bolt.
 - Make sure to cover any open ports to prevent debris from entering the system.

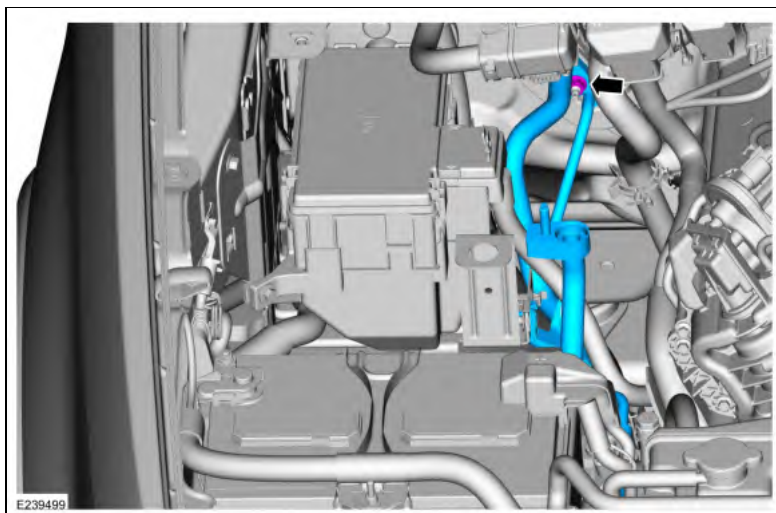
Torque:
 inlet line nut: 159 lb.in (18 Nm)
 bracket bolt: 97 lb.in (11 Nm)



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Remove the nut and the evaporator inlet and outlet manifold.

- Make sure to cover any open ports to prevent debris from entering the system
Torque: 159 lb.in (18 Nm)



Installation

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

Install and lubricate new O-ring seals. Refer to the appropriate Specifications in Group 412.

3. Lubricate the refrigerant system with the correct amount of clean PAG oil. Refer to the appropriate Refrigerant Oil Adding procedure in Group 412.