

Radiator

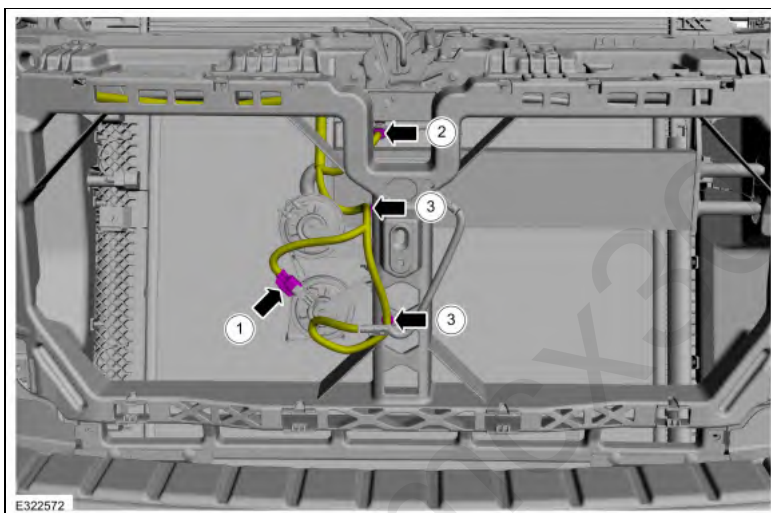
Special Tool(s) / General Equipment

Hose Clamp Remover/Installer

Removal

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

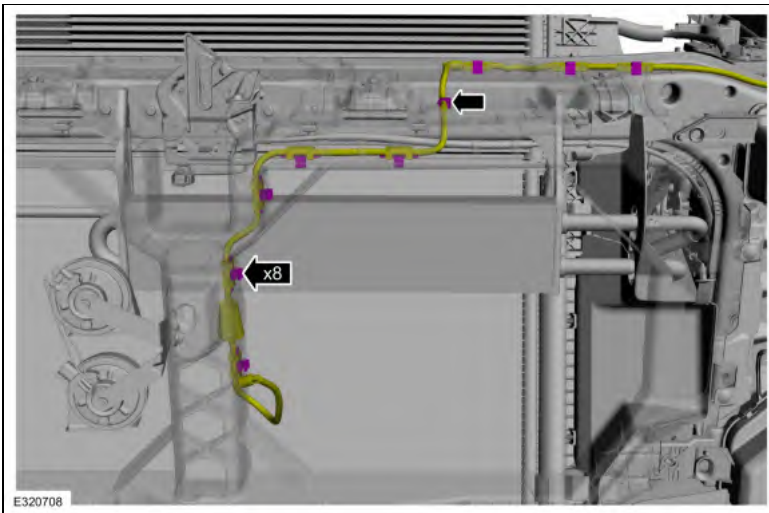
1. Drain the cooling system.
Refer to: Engine Cooling System Draining, Vacuum Filling and Bleeding (303-03D Engine Cooling - 7.3L 2V DEVCT V8 (239kW/320PS) (J0), General Procedures).
2. Remove the cooling fan and the cooling fan shroud.
Refer to: Cooling Fan Shroud (303-03D Engine Cooling - 7.3L 2V DEVCT V8 (239kW/320PS) (J0), Removal and Installation).
3. Remove the headlamp assemblies.
Refer to: Headlamp Assembly (417-01 Exterior Lighting, Removal and Installation).
4.
 1. All Vehicles.
Disconnect the horn electrical connector.
 2. Vehicles Equipped With Hood Ajar Switch.
Disconnect the electrical connector.
 3. Vehicles Not Equipped With Hood Ajar Switch.
Detach the wiring harness retainer.



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

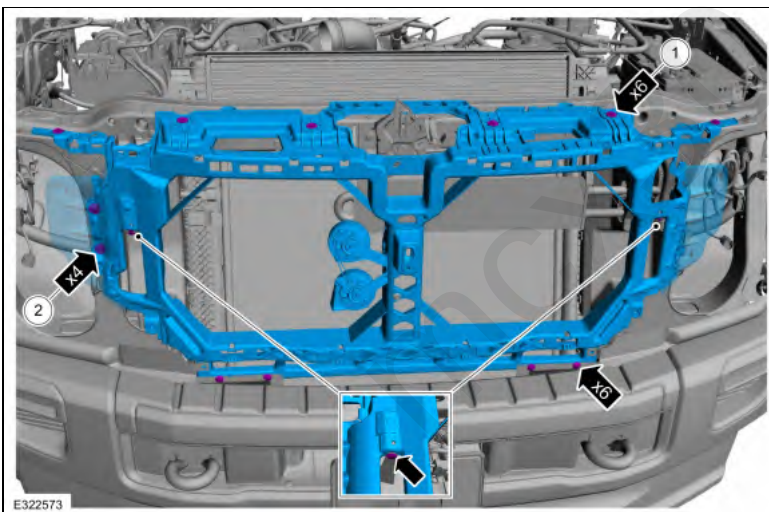


6. Remove the bolts, push-pins and the radiator grille bracket.

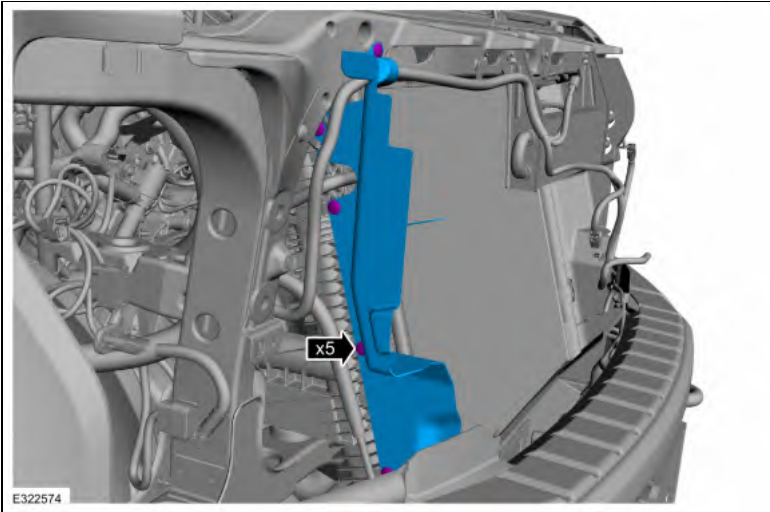
Torque:

Stage 1: 62 lb.in (7 Nm)

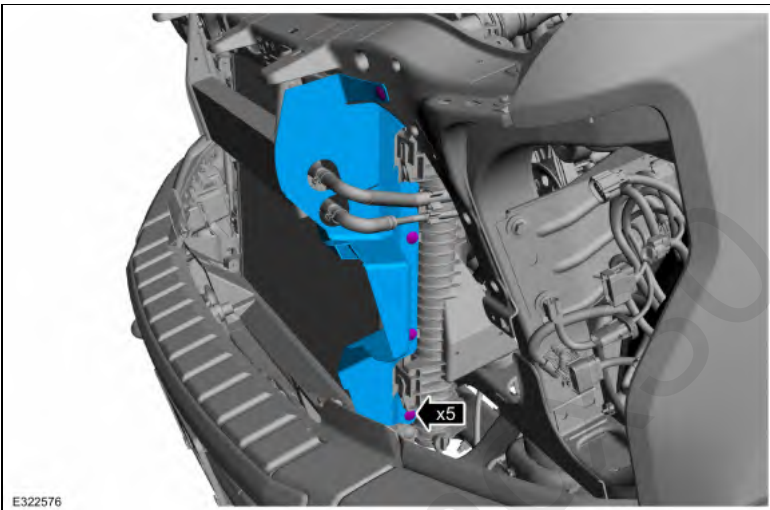
Stage 2: 22 lb.ft (30 Nm)



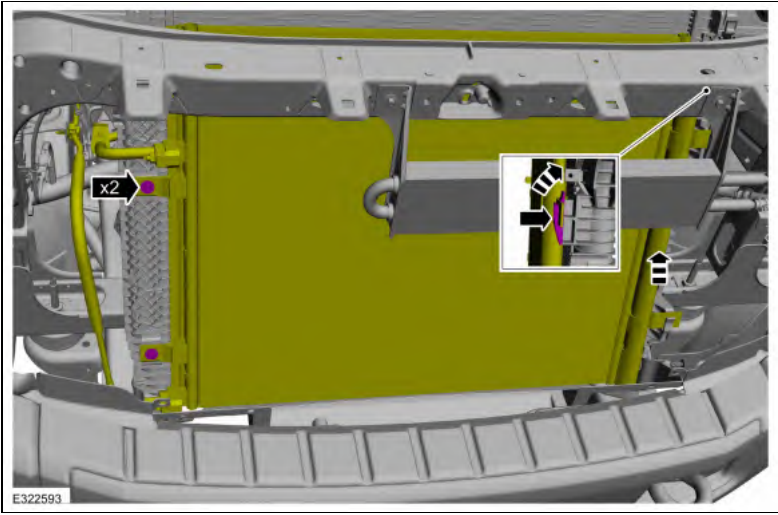
7. Remove the push-pins and the RH air deflector.



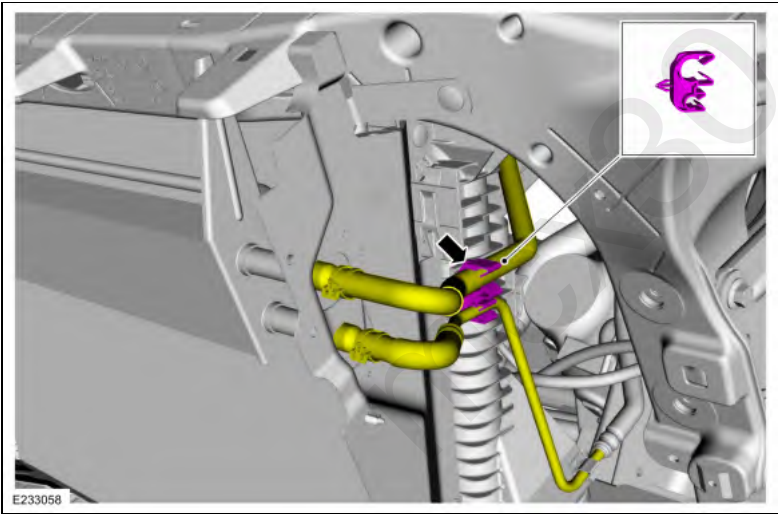
8. Remove the push-pins and the LH air deflector.



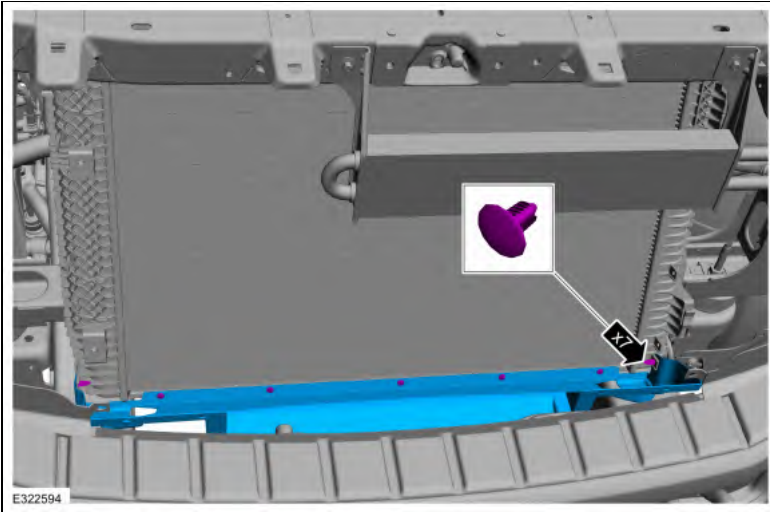
9. Remove the bolts and position the A/C condenser aside.
Torque: 71 lb.in (8 Nm)

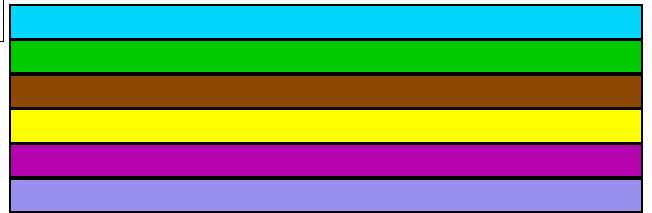


10. Detach the hose retainer from the radiator.

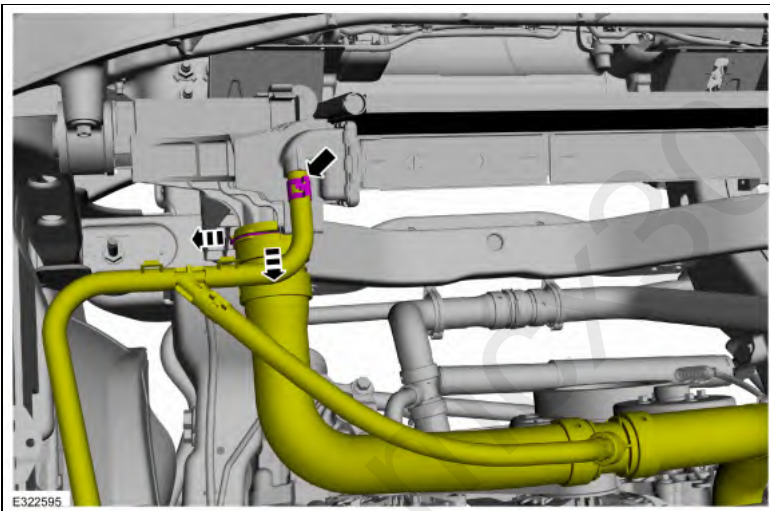


11. Remove the push-pins and the lower air deflector.



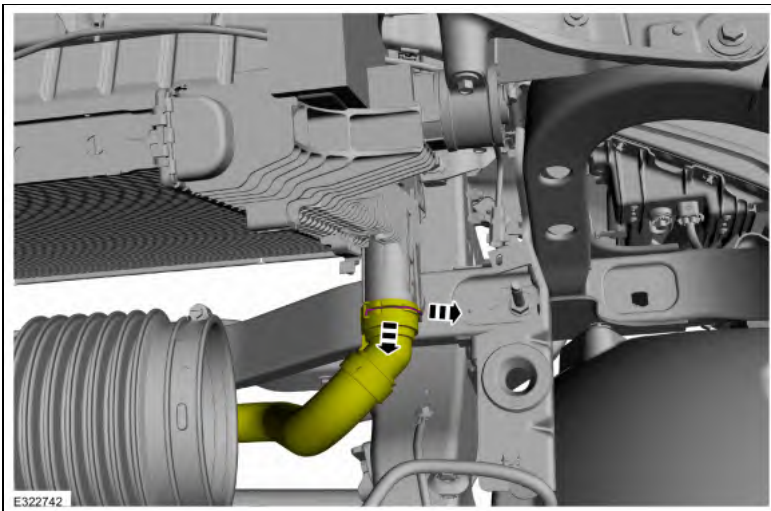


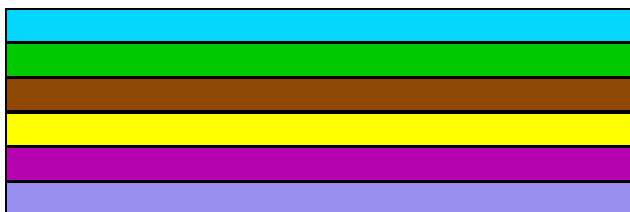
- 12.
- Release the clamp and disconnect coolant hose.
Use the General Equipment: Hose Clamp Remover/Installer
 - Pull the upper radiator hose spring clip until the end of the clip is in the detent on the quick connect coupling and disconnect the upper radiator hose.



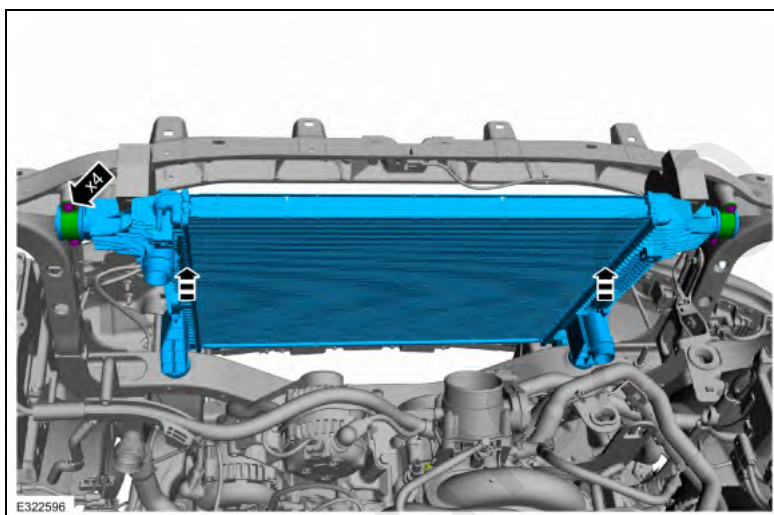


13. Pull the lower radiator hose spring clip until the end of the clip is in the detent on the quick connect coupling and disconnect the lower radiator hose.





14. Remove the bolts, radiator brackets and the radiator.
Torque: 26 lb.ft (35 Nm)





Installation

1. To install, reverse the removal procedure.
2. Fill and bleed the 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).