

Radiator

Special Tool(s) / General Equipment

 E158906	307-569 Disconnect Tool TOC Line (1/2) TKIT-2006U-F/FM TKIT-2006U-FLM/LM TKIT-2006U-ROW1 TKIT-2006U-ROW2
	Hose Clamp Remover/Installer

Removal

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

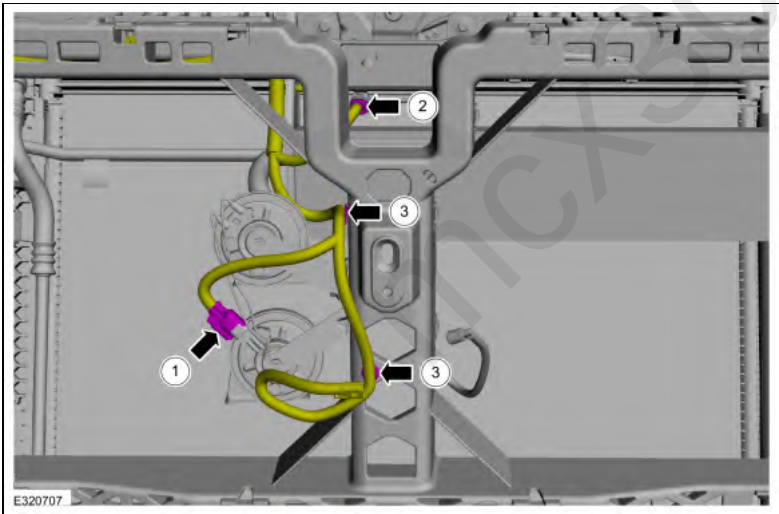
All vehicles

1. Drain the cooling system.
Refer to: Engine Cooling System Draining, Vacuum Filling and Bleeding (303-03A Engine Cooling - 6.2L V8, General Procedures).
2. Remove the cooling fan and the cooling fan shroud.
Refer to: Cooling Fan Shroud (303-03A Engine Cooling - 6.2L V8, Removal and Installation).
3. Remove the headlamp assemblies.
Refer to: Headlamp Assembly (417-01 Exterior Lighting, Removal and Installation).
4.

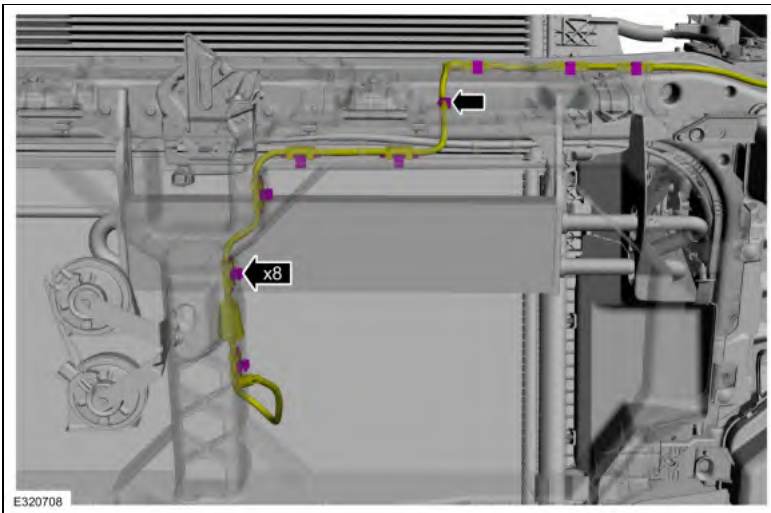
1. All Vehicles.
Disconnect the horn electrical connector.

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

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



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

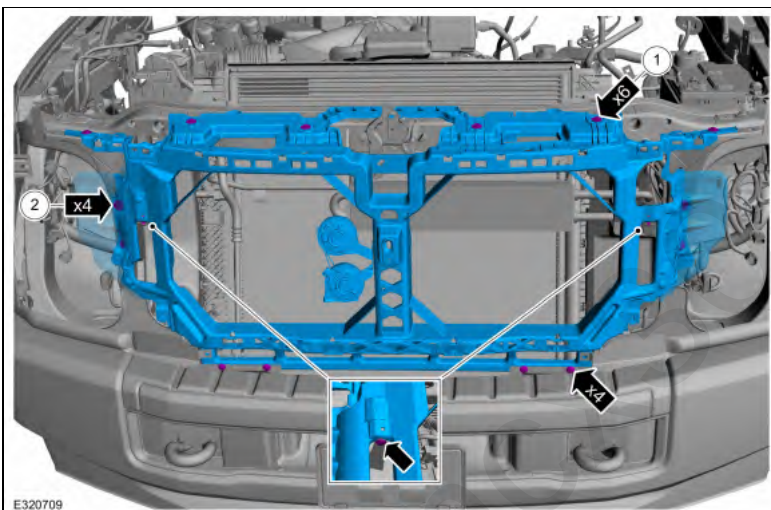


6. Remove the bolts, push-pins and the radiator grille bracket.

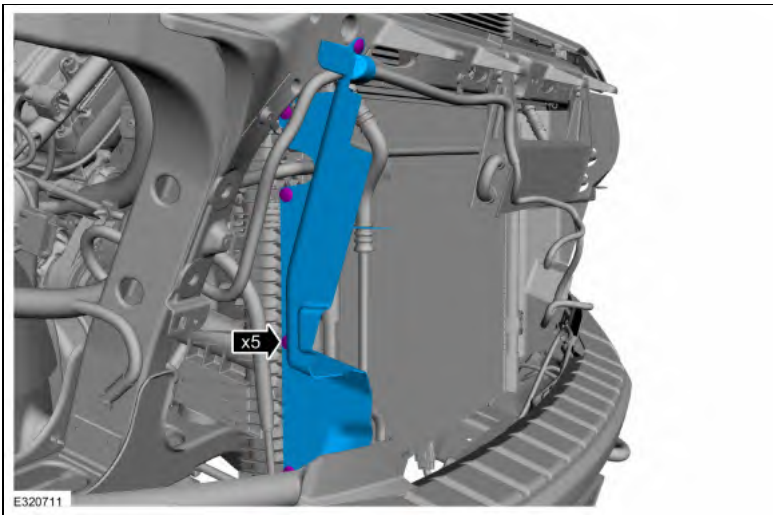
Torque:

Stage 1: 62 lb.in (7 Nm)

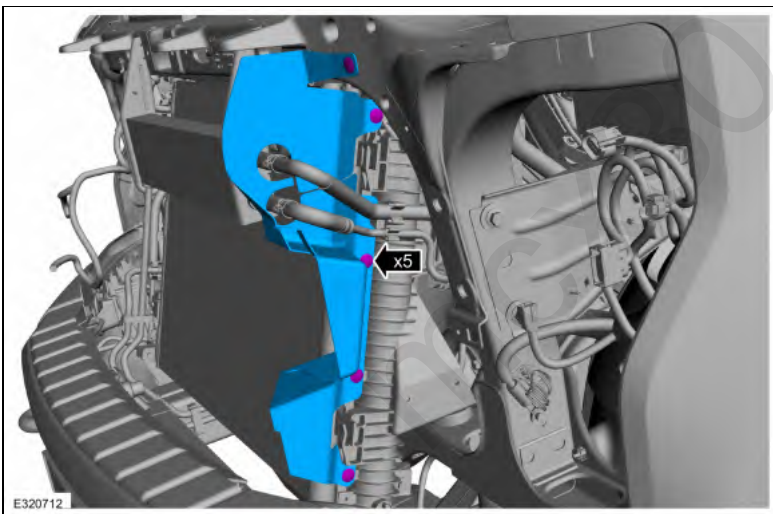
Stage 2: 22 lb.ft (30 Nm)



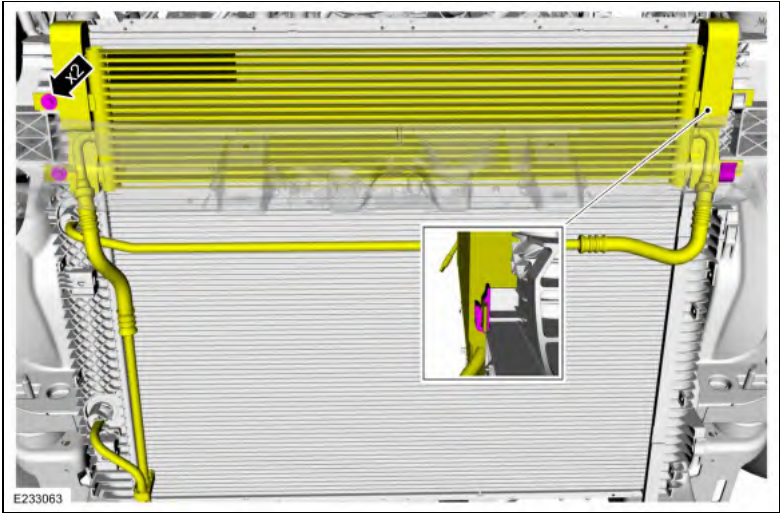
7. Remove the push-pins and the RH air deflector.



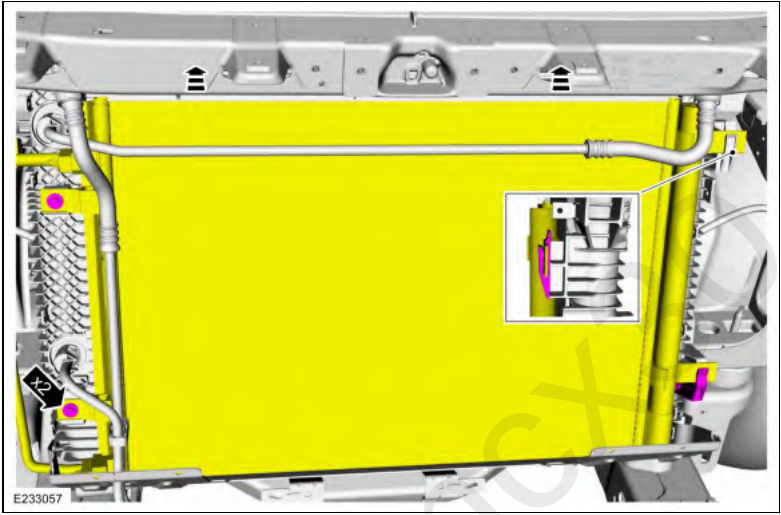
8. Remove the push-pins and the LH air deflector.



9. Remove the bolts and position the transmission cooler aside.
Torque: 18 lb.ft (25 Nm)

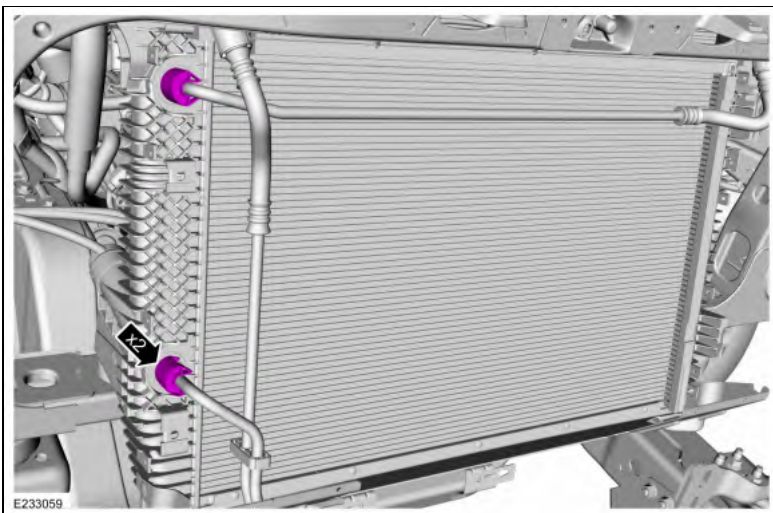


10. Remove the bolts and position the A/C condenser aside.
Torque: 71 lb.in (8 Nm)

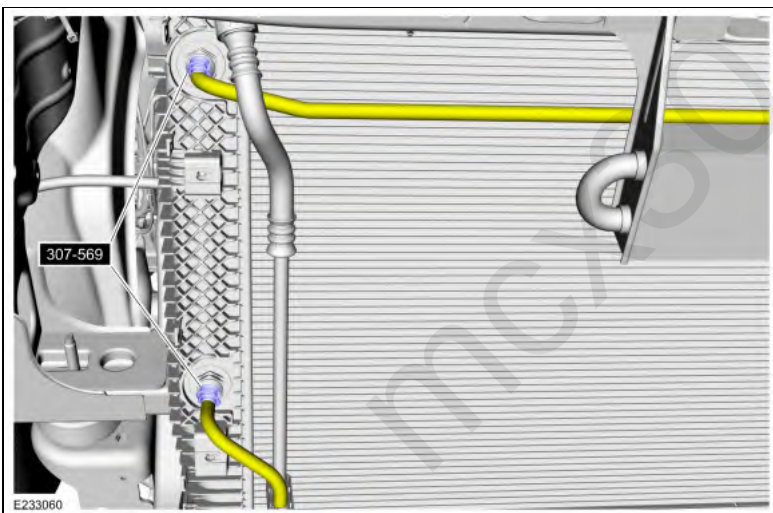


All vehicles

11. Remove the quick-connect coupling secondary latches from the radiator.



12. Using the special tool, disconnect the transmission fluid cooler tubes from the radiator. Use Special Service Tool: 307-569 Disconnect Tool TOC Line (1/2).

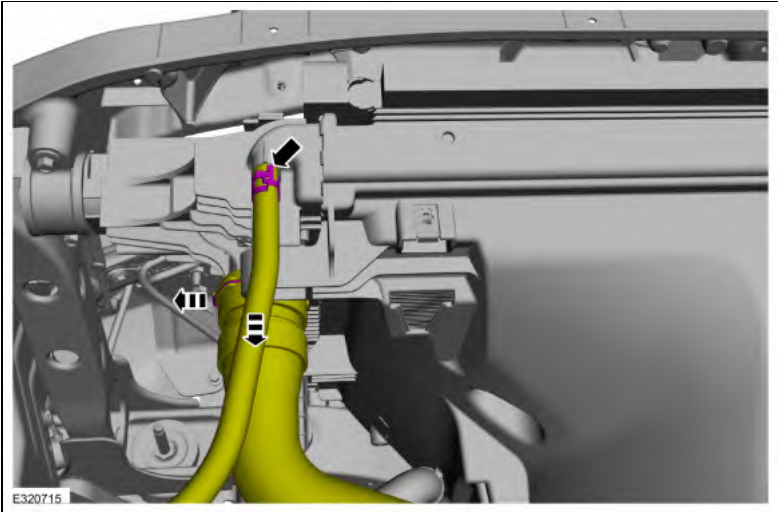


All vehicles

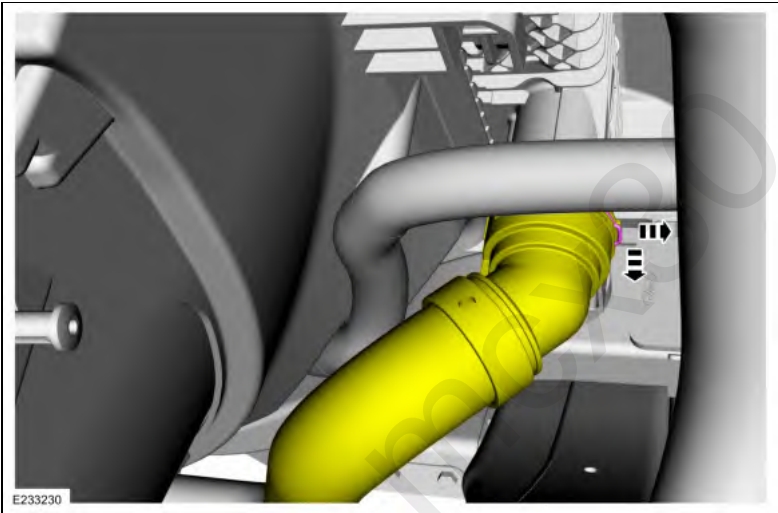
13. Detach the hose retainer from the radiator.



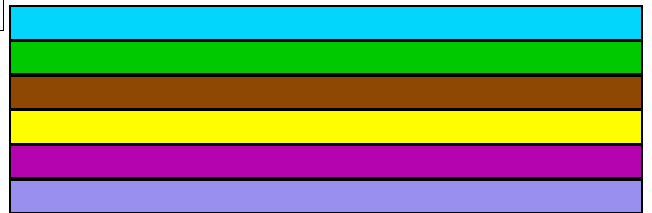
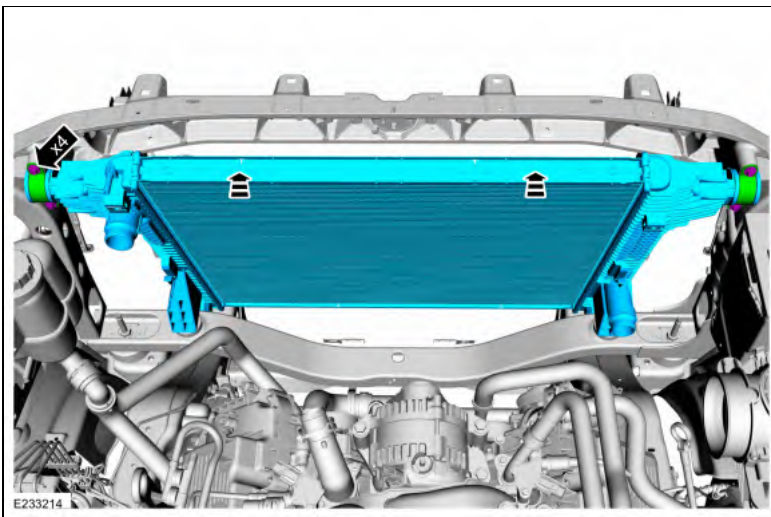
15.
 - Release the clamp and disconnect coolant hose.
Use the General Equipment: Hose Clamp Remover/Installer
 - Pull the upper radiator hose spring clip until the end of the clip is in the detent on the quick connect coupling and disconnect the upper radiator hose.



16. 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.



17. 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 (303-03A Engine Cooling - 6.2L V8, General Procedures).
3. Check the transmission fluid level.
Refer to: Transmission Fluid Level Check (307-01A Automatic Transmission, Transfer Case and Power Transfer Unit - 6-Speed Automatic Transmission â€“ 6R100, General Procedures).