

Radiator (26.40.01)

Removal



WARNING: Since injury such as scalding could be caused by escaping steam or coolant, do not remove the filler cap from the coolant expansion tank while the system is hot.



CAUTION: Engine coolant will damage the paint finished surfaces. If spilt, immediately remove the coolant and clean the area with water.

NOTE :

Always protect the cooling pack elements to prevent accidental damage.

1 .



WARNING: Do not work on or under a vehicle supported only by a jack. Always support the vehicle on safety stands.

Raise and support the vehicle.

2 .

Disconnect the battery ground cable. For additional information, refer to [Specifications](#) (Section 414-00)

3 .

Drain the cooling system. For additional information, refer to [Cooling System Draining, Filling and Bleeding \(26.10.01\)](#) (Section 303-03)

4 .

Remove the viscous fan assembly. For additional information, refer to [Cooling Fan \(26.25.19\)](#) (Section 303-03)

5 .

Remove the radiator grille. For additional information, refer to [Radiator Grille \(76.55.03\)](#) (Section 501-08)

6 .

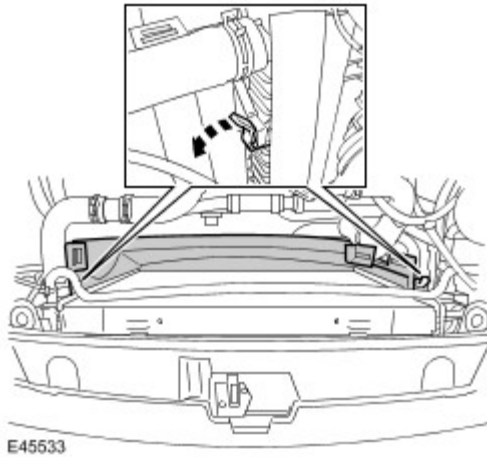
Remove the lower fan shroud.



Release the 4 clips.



Release the coolant hose.

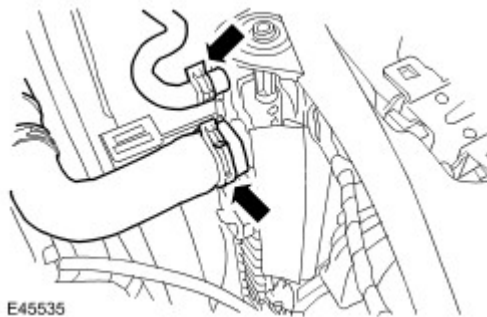



7. Disconnect the coolant expansion tank hose.

▶ Release the clip.

8. Disconnect the radiator upper hose.

▶ Release the clip.



9.  **CAUTION: Always plug any open connections to prevent contamination.**

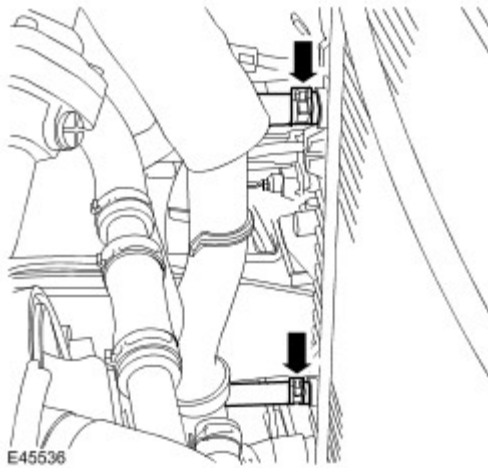
NOTE :

Some fluid spillage is inevitable during this operation.

Disconnect the transmission cooler hoses.

▶ Release the 2 clips.

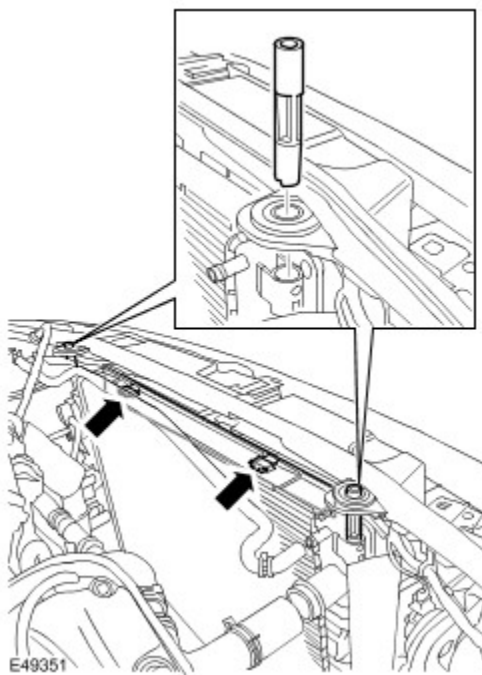
▶ Position a container to collect the fluid.



10 . Remove the radiator securing pegs.

11 . Remove the radiator upper deflector.

➤ Release the 2 clips.

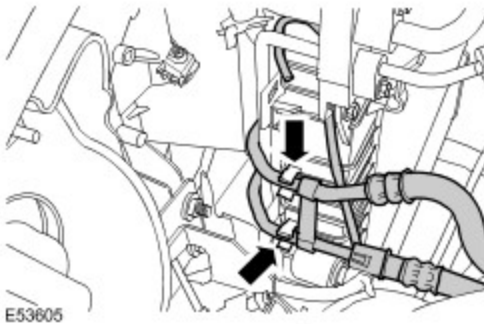
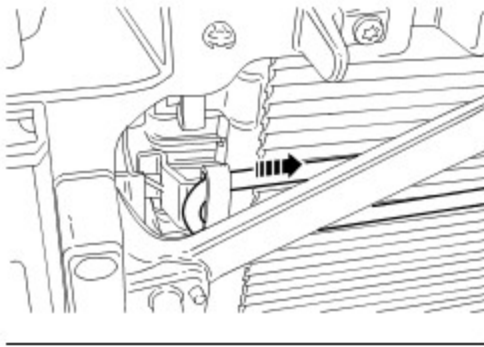


12 . Release the power steering fluid cooler.

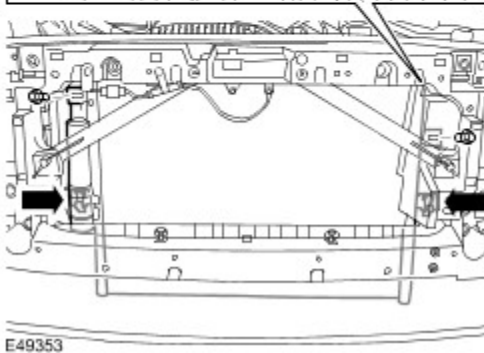
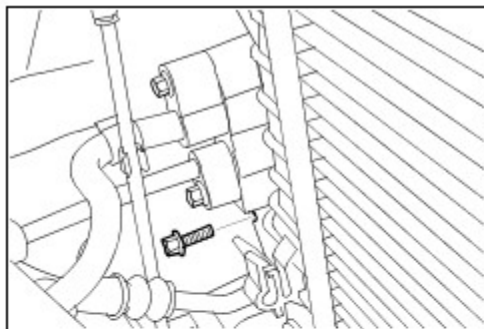
➤ Release the clips.

➤ Tie the line aside.

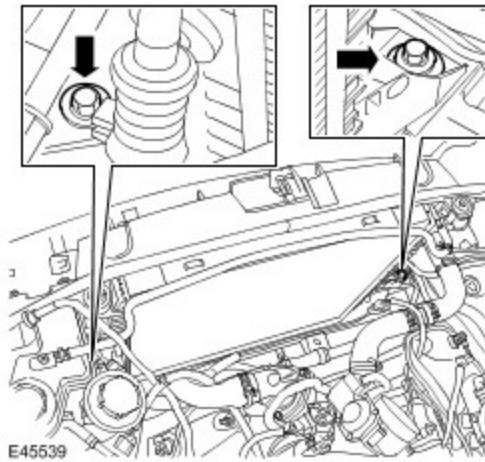
13 . Release the front differential breather line.



- 14 . Release the A/C condenser.
- Remove the 2 screws.
 - Remove the bolt.
 - Release from the 2 clips.




- 15 . Remove the radiator.
- Protect the elements from damage.
 - Remove the 2 radiator retaining bolts.




- 16 . **NOTE :**
Do not disassemble further if the component is removed for access only.
Remove the power steering fluid cooler line clip.


Installation

- 1 . Install the power steering fluid cooler line clip.
- 2 . Install the radiator.
 - Remove the element protection.
 - Tighten the bolts to 25 Nm (18 lb.ft).
- 3 . Install the radiator upper deflector.
- 4 . Install the A/C condenser.
 - Secure in the clips.
 - Tighten the screws.
 - Tighten the bolt to 6 Nm (4 lb.ft).
- 5 . Install the power steering fluid cooler.
 - Secure in the 3 clips.
- 6 . Install the radiator securing pegs.
- 7 . Install the transmission cooler hoses.
 - Install the clips.
- 8 . Connect the radiator upper hose.
 - Secure with the clip.
- 9 . Connect the expansion tank hose.

 Secure with the clip.

10 . Install the lower fan shroud.

 Secure in the clips.

 Secure the coolant hose.

11 . Install the radiator grille. For additional information, refer to [Radiator Grille \(76.55.03\)](#) (Section 501-08)

12 . Install the viscous fan assembly. For additional information, refer to [Cooling Fan \(26.25.19\)](#) (Section 303-03)

13 . Refill the cooling system. For additional information, refer to [Cooling System Draining, Filling and Bleeding \(26.10.01\)](#) (Section 303-03)

14 . Connect the battery ground cable. For additional information, refer to [Specifications](#) (Section 414-00)

15 . Check automatic transmission fluid level. For additional information, refer to [Transmission Fluid Level Check \(44.24.06\)](#) (Section 307-01)