

## Radiator (26.40.01)


### Removal

#### All vehicles

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](#)


3.  **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.

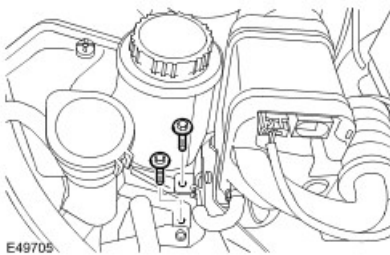
Drain the cooling system.  
For additional information, refer to


4. Remove the cooling fan lower shroud.  
For additional information, refer to [Cooling Fan Shroud \(26.25.11\)](#)

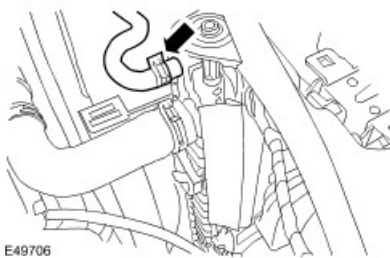
5. Remove the radiator grille.  
For additional information, refer to


6. Remove the LH headlamp assembly.  
For additional information, refer to

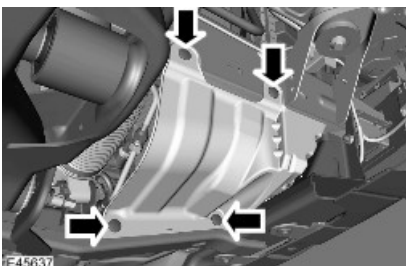
7. Release the coolant expansion tank.  
 Remove the 2 bolts.




8. Disconnect the radiator bleed hose.  
 Release the clip.



9. Remove the front RH splash shield.  
 Remove the 4 retaining clips.



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

Disconnect the charge air cooler inlet hose.

- Loosen the clip.
- Tie aside.

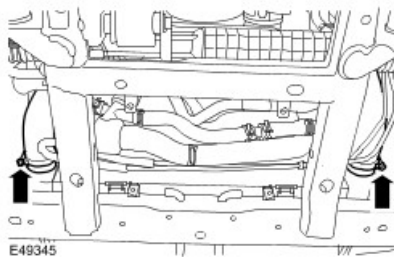
11 .



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

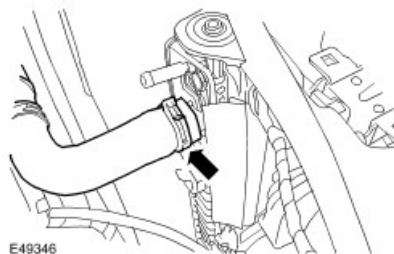
Disconnect the charge air cooler outlet hose.

- Loosen the clip.
- Tie aside.



12 . Disconnect the radiator upper hose.

- Release the clip.
- Tie aside.

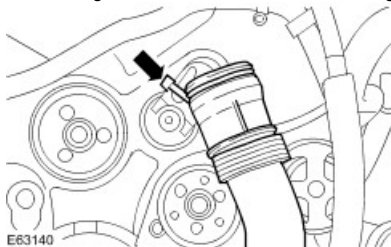


13 . Disconnect the radiator lower hose.

- Release the clip.
- Tie aside.



14 . Tie the engine air intake duct towards the engine.



## Vehicles with automatic transmission

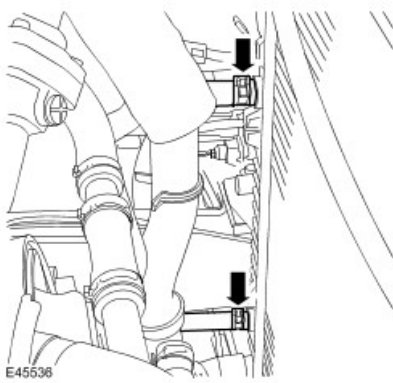
15 .



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

Disconnect the 2 transmission fluid cooler pipes.

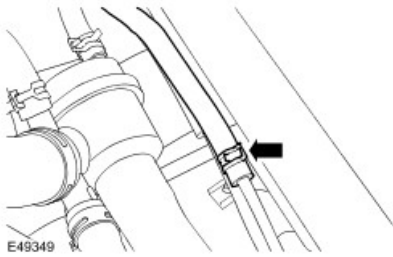
- Release the clips.
- Position a container to collect the fluid spillage.
- Tie aside.



## All vehicles

16 . Disconnect the fuel cooler line.

➤ Release the clip.

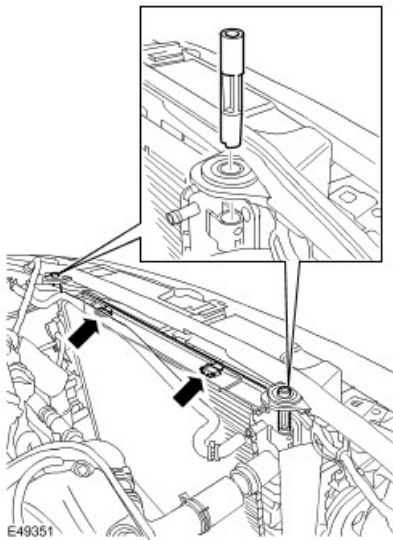


17 . Remove the radiator securing pegs.

➤ Release the clips.

18 . Remove the radiator upper deflector.

➤ Release the 2 clips.

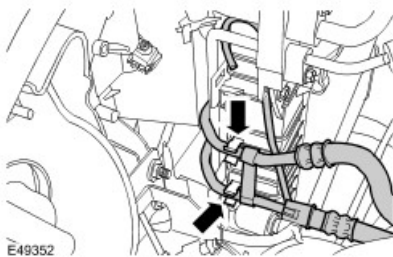


19 . Release the power steering fluid cooler.

➤ Release the 2 clips.

➤ Tie the line aside.

20 . Release the front differential breather line.

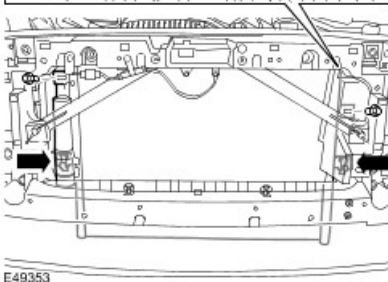
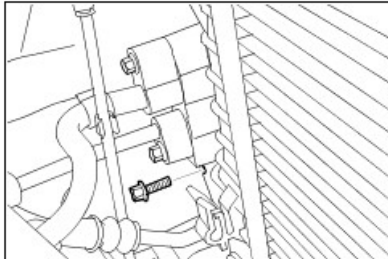


21 . Remove the power steering fluid cooler line retaining clip.



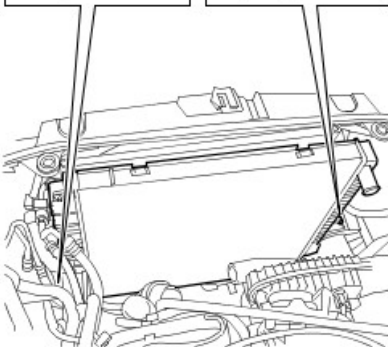
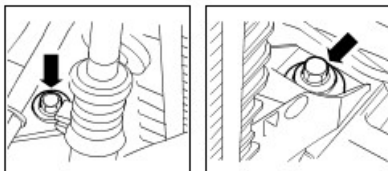
22 . Release the A/C condenser.

- Remove the 3 bolts.
- Release the 2 clips.



23 . Release the radiator.

- Remove the 2 bolts.
- Lift the radiator clear of its mountings.

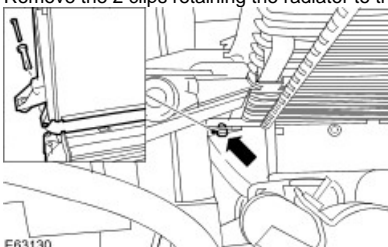


24 . Tie the A/C condenser forwards, clear of the radiator.

25 . **NOTE:**

Left-hand shown, right-hand similar.

Remove the 2 clips retaining the radiator to the charge air cooler.



26 .



**CAUTION: Protect the radiator during this operation.**

**NOTE:**

Do not disassemble further if the component is removed for access only.

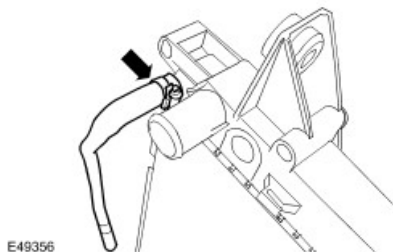
Carefully remove the radiator.

27 . **NOTE:**

Note the fitted position.

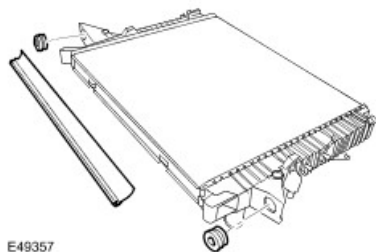
Remove the fuel cooler hose.

▶ Loosen the clip.



28 . Remove the radiator lower deflector.

29 . Remove the radiator rubber insulators.



## Installation

### All vehicles

1 . Install the rubber insulators.

2 . Install the radiator lower deflector.

3 . Install the fuel cooler hose.

▶ Tighten the clip.

4 .



**CAUTION: Protect the radiator during this operation.**

Carefully install the radiator.

5 . Install the 2 clips, to retain the charge air cooler to the radiator.

6 . Position the radiator.

▶ Lift the radiator onto its mountings.

▶ Tighten the bolts to 25 Nm (18 lb.ft).

7 . Attach the A/C condenser.

▶ Remove and discard the 2 cable ties.

▶ Lift it into the clips.

▶ Tighten the bolt to 6 Nm (4 lb.ft).


8 . Position the front differential breather line.

9 . Attach the power steering fluid cooler.


▶ Secure into the 3 clips.

10 . Install the radiator upper deflector.












11 . Install the radiator securing pegs.

- 12 . Connect the fuel cooler line.
-  Secure with the clip.

## Vehicles with automatic transmission

- 13 . Connect the transmission fluid cooler coolant hoses.
-  Install the clips.

## All vehicles

- 14 . Install the radiator lower hose.
-  Secure with the clip.
- 15 . Release the air intake duct.
-  Remove and discard the cable tie.
- 16 . Connect the radiator upper hose.
-  Remove and discard the cable tie.
-  Secure with the clip.
- 17 . Connect the radiator lower hose.
-  Remove and discard the cable tie.
-  Secure with the clip.
- 18 . Connect the charge air outlet hose.
-  Tighten the clip to 10 Nm (7 lb.ft).
- 19 . Connect the charge air inlet hose.
-  Tighten the clip to 10 Nm (7 lb.ft).
- 20 . Install the front RH splash shield.
-  Install the four clips.
- 21 . Secure the coolant expansion tank.
-  Tighten the two retaining bolts to 10 Nm (7 lb.ft).
- 22 . Connect the radiator bleed hose.
-  Secure with the clip.
- 23 . Install the LH headlamp assembly.  
For additional information, refer to
- 24 . Install the radiator grille.  
For additional information, refer to
- 25 . Install the cooling fan lower shroud.  
For additional information, refer to [Cooling Fan Shroud \(26.25.11\)](#)
- 26 . Connect the battery ground cable.  
For additional information, refer to [Specifications](#)
- 27 . Refill the cooling system.  
For additional information, refer to

## Vehicles with automatic transmission

- 28 . Check automatic transmission fluid level.