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## Power Steering Fluid Cooler - 2.7L Diesel (57.15.11)

### Special Service Tools



Spring lock decoupler  
310-044

### Removal

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 .

Remove the cooling fan lower shroud. For additional information, refer to [Cooling Fan Shroud \(26.25.11\)](#) (Section 303-03)

4 .

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

5 .

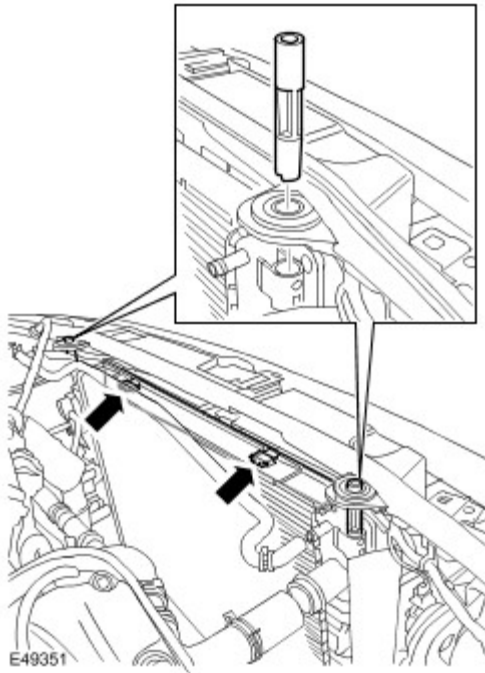
Remove the radiator securing pegs.

6 .

Remove the radiator upper deflector.

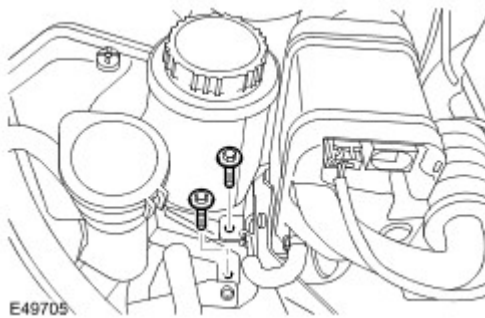


Release the 2 clips.



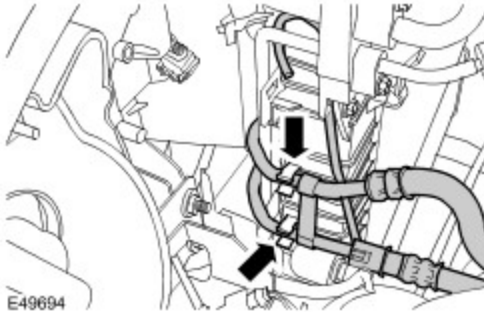
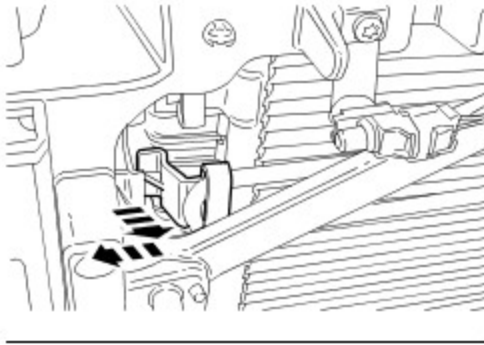
- 7 . Release the coolant expansion tank.

➤ Remove the 2 bolts.

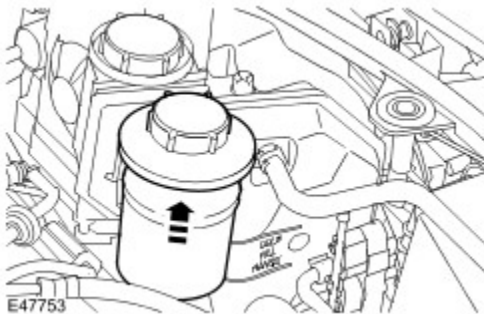



- 8 . Tie the engine air intake duct towards the engine.
- 9 . Tie the fuel fired booster heater coolant lines towards the engine.
- 10 . **NOTE :**  
Note the position of the differential breather line.  
Release the power steering fluid cooler.

➤ Release it from 3 clips.



- 11 . Release the power steering fluid reservoir.





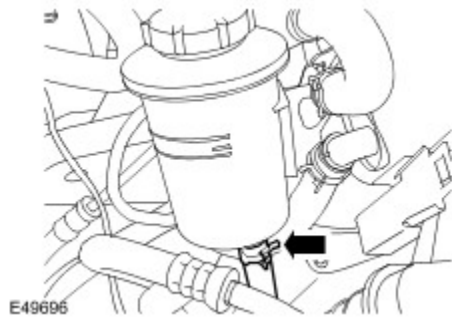
- 12 .  **CAUTION:** Before the disconnection or removal of any components, ensure the area around joint faces and connections are clean. Plug any open connections to prevent contamination.

**NOTE :**

Some fluid spillage is inevitable during this operation.

Disconnect the power steering cooler line from the fluid reservoir.

-  Release the clip.
-  Allow the fluid to drain into a container.



13.



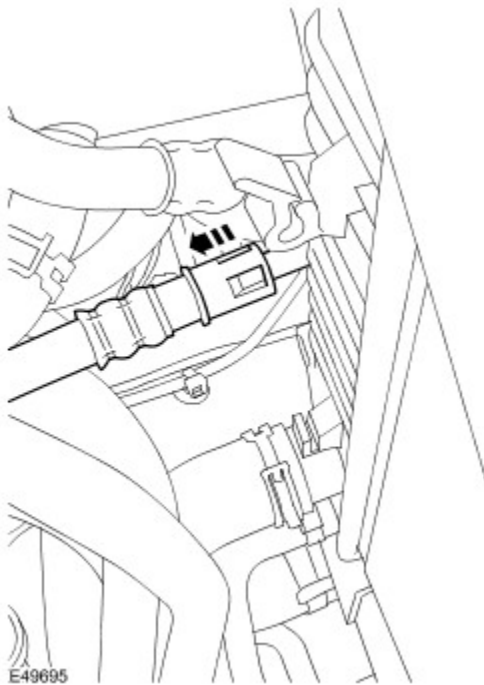
**CAUTION:** Before the disconnection or removal of any components, ensure the area around joint faces and connections are clean. Plug any open connections to prevent contamination.

**NOTE :**

Some fluid spillage is inevitable during this operation.

Remove the power steering fluid cooler.

➤ Using the special tool, release the clip.



## Installation

1. Install the power steering fluid cooler.
  - Clean the component mating faces.
  - Secure the clip.
2. Connect the power steering cooler line to the fluid reservoir.
  - Clean the component mating faces.
  - Secure with the clip.



- 3 . Install the power steering fluid reservoir.
- 4 . Position the front differential breather line.
- 5 . Secure the power steering fluid cooler line.
  - Secure in the 3 clips.
- 6 . Secure the coolant expansion tank.
  - Tighten the 2 bolts to 10 Nm (7 lb.ft).
- 7 . Install the radiator upper deflector.
- 8 . Install the radiator securing pegs.
- 9 . Connect the A/C condenser refrigerant lines.
  - Clean the component mating faces.
  - Install new O-ring seals.
  - Tighten the bolts to 25 Nm (18 lb.ft).
- 10 . Install the radiator grille. For additional information, refer to [Radiator Grille \(76.55.03\)](#) (Section 501-08)
- 11 . Install the cooling fan lower shroud. For additional information, refer to [Cooling Fan Shroud \(26.25.11\)](#) (Section 303-03)
- 12 . Connect the battery ground cable. For additional information, refer to [Specifications](#) (Section 414-00)
- 13 . Fill and bleed the power steering system. For additional information, refer to [Power Steering System Filling and Bleeding](#) (Section 211-00)