

Auxiliary Climate Control Assembly (82.26.22)

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.

- 1 . Disconnect the battery ground cable. For additional information, refer to [Specifications](#) (Section 414-00)
- 2 . Remove the LH C-pillar lower trim panel For additional information, refer to [C-Pillar Lower Trim Panel \(76.13.34\)](#) (Section 501-05)
- 3 . Evacuate the A/C system. For additional information, refer to [Air Conditioning \(A/C\) System Recovery, Evacuation and Charging \(82.30.02\)](#) (Section 412-00)

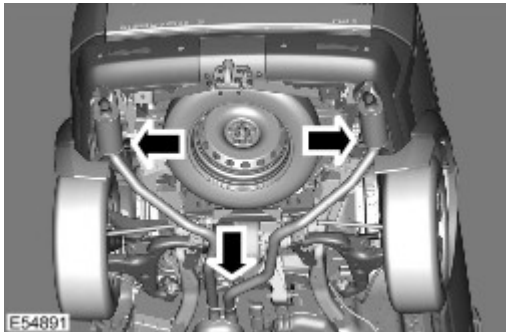
4 .



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.

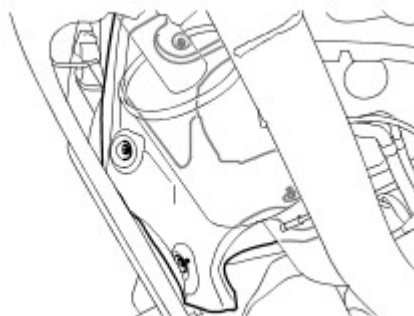
- 5 . Support the exhaust system. Release the center, left and right rear mountings.



- 6 . Remove the exhaust heat shield.



Remove the 4 nuts.



- 7 . Remove the spare wheel and tire.

8. Clamp the relevant hose, to minimise coolant loss.

9.



CAUTION: Before disconnecting or removing the components, ensure the area around the joint faces and connections are clean. Plug open connections to prevent contamination.

NOTE :

The receiver drier need only be changed under the following circumstances: There is dirt in the refrigerant circuit (eg. compressor seizure). The system is leaking and refrigerant has been lost to atmosphere. Refrigerant circuit has been open more than 24 hours due to repair.

Disconnect the A/C pipes.

- Remove the 2 bolts.
- Discard the O-ring seals.

10.



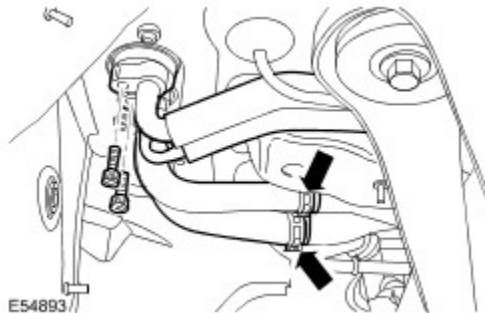
CAUTION: Engine coolant will damage the paint finished surfaces. If spilt, immediately remove the coolant and clean the area with water.

NOTE :

Some fluid spillage is inevitable during this operation.

Disconnect the 2 coolant hoses.

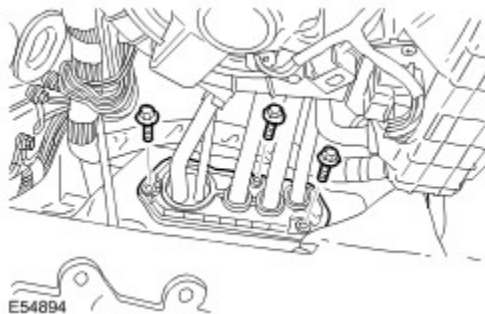
- Position a container to collect the fluid.
- Release the 2 clips.



11.

Release the sealing plate.

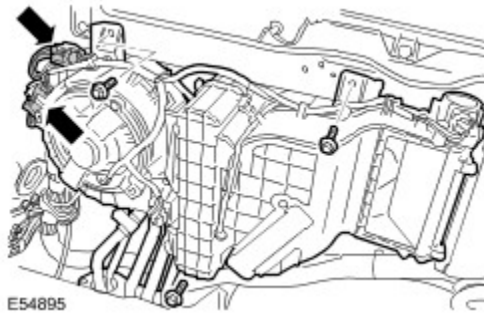
- Remove the 3 bolts.



12.

Remove the climate control assembly.

- Disconnect the 2 electrical connectors.
- Remove the 3 bolts.



Installation

1. Install the climate control assembly.
 - Tighten the bolts to 10 Nm (7 lb.ft).
 - Connect and secure the electrical connectors.
2. Install the sealing plate.
 - Tighten the bolts to 10 Nm (7 lb.ft).
3. Connect and secure the coolant hoses.
 - Secure the clips.
 - Remove the hose clamps.
4. Connect the A/C pipes.
 - Clean the component mating faces.
 - Install the O-ring seals.
 - Tighten the 2 bolts to 10 Nm (7 lb.ft).
5. Install the heat shield.
 - Tighten the 4 nuts.
6. Secure the exhaust mountings.
7. Fill the A/C system. For additional information, refer to [Air Conditioning \(A/C\) System Recovery, Evacuation and Charging \(82.30.02\)](#) (Section 412-00)
8. Install the C-pillar lower trim panel. For additional information, refer to [C-Pillar Lower Trim Panel \(76.13.34\)](#) (Section 501-05)
9. Connect the battery ground cable. For additional information, refer to [Specifications](#) (Section 414-00)
10. Install the spare wheel and tire.

- ▶ Stow the tool kit.
- 11 . Connect the exhaust extraction hoses to the tail pipes.
- 12 . Remove the coolant expansion tank cap.
 - ▶ Top-up the coolant.
- 13 . Start and run the engine.
 - ▶ Hold the engine speed at 2,500 RPM for 30 seconds.
 - ▶ Return the engine to idle for 30 seconds.
 - ▶ Repeat the above procedure a further four times.
- 14 . **NOTE :**
When the coolant bleed is complete and prior to installing the expansion tank cap, top up the expansion tank 30mm above the maximum level.
Install the coolant expansion tank cap.
- 15 . Run the engine until the thermostat opens.
- 16 . Switch the engine off and allow to cool.
- 17 . Check and top-up the coolant if required.

