




Evaporator Core (82.25.20)


Removal

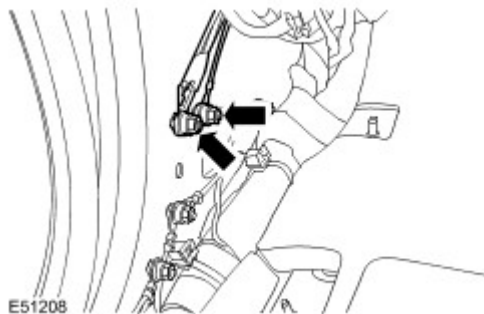
1. Remove the engine cover. For additional information, refer to [Engine Cover - 4.4L \(12.30.50\)](#) (Section 501-05)
2. Evacuate the A/C system. For additional information, refer to [Air Conditioning \(A/C\) System Recovery, Evacuation and Charging \(82.30.02\)](#) (Section 412-00)

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

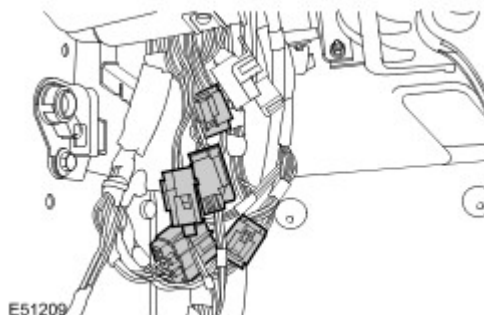
Raise and support the vehicle.

4. Drain the cooling system. For additional information, refer to [Cooling System Draining, Filling and Bleeding \(26.10.01\)](#) (Section 303-03)
5. Remove the driver side front seat. For additional information, refer to [Front Seat \(78.10.44/99\)](#) (Section 501-10)
6. Remove the instrument panel upper section.
7. Release the 3 ground cables from the driver side lower A-pillar.

 Remove the 2 nuts.

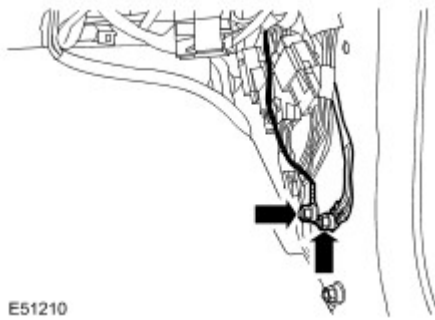


8. Disconnect the 5 electrical connectors from the driver side lower A-pillar.



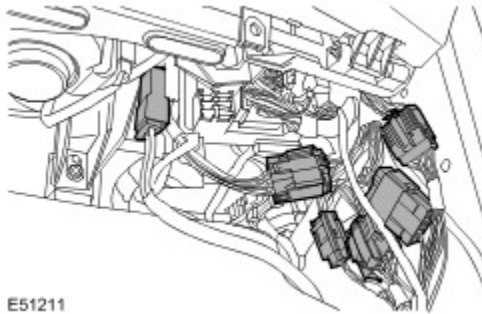
9. Release the 3 ground cables from the passenger side lower A-pillar.

➤ Remove the 2 nuts.

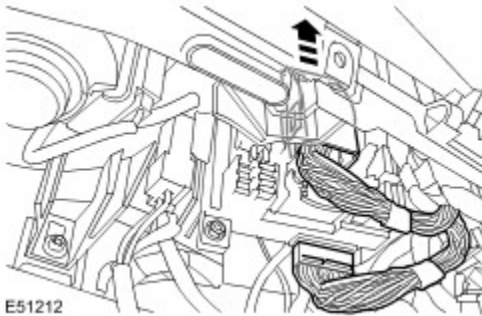


10. Disconnect the heater motor electrical connector.


11. Disconnect the 5 electrical connectors from the passenger side lower A-pillar.



12. Disconnect 2 central junction box (CJB) electrical connectors.



13. Disconnect 2 electrical connectors from the instrument panel center reinforcement.

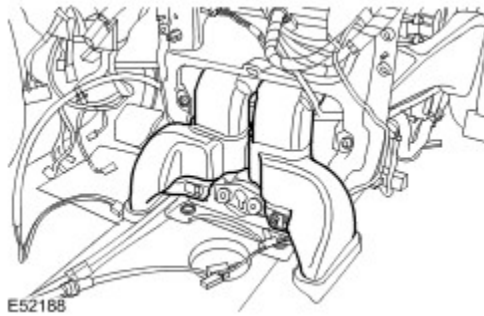
14.  **CAUTION: Cover fibre optic cable connectors to minimise dust ingress and avoid bending the cables in a radius of less than 30 mm.**

If installed, disconnect the instrument panel center reinforcement fibre optic cables.

➤ Disconnect the electrical connector.



15. Remove the heater housing center ducts.



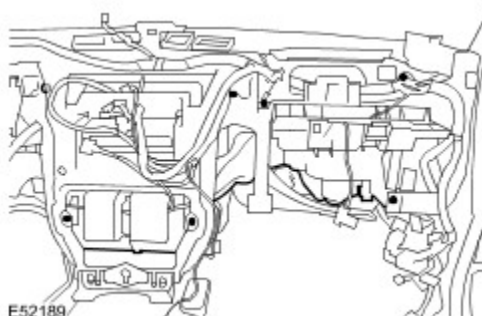
16. Disconnect the steering column intermediate shaft from the steering column.

- Note the fitted position.
- Remove the special bolt and discard the nut.



17. Release the heater housing from the instrument panel carrier.

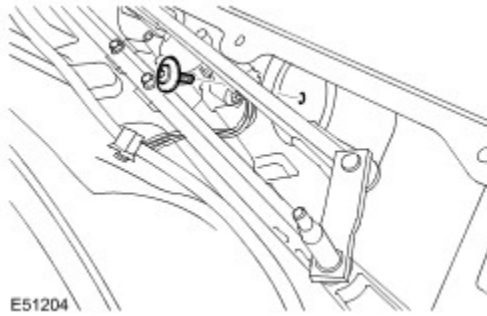
- Remove the 7 Torx screws.



18. Remove the plenum chamber panel. For additional information, refer to [Plenum Chamber](#)

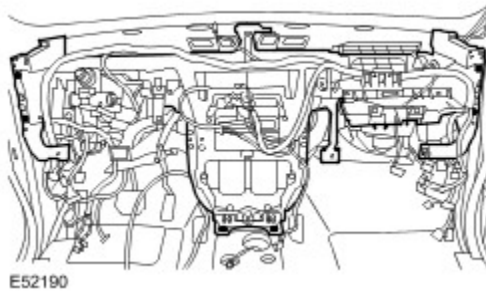
(80.15.62) (Section 412-01)


19. Remove the instrument panel carrier to bulkhead Torx bolt.



20. With assistance, remove the instrument panel.

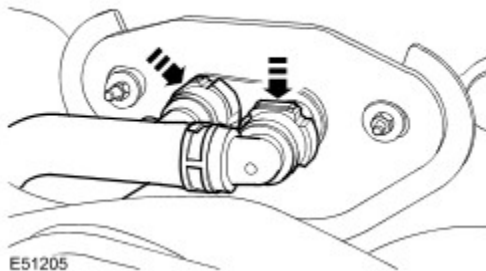
▶ Remove the 6 Torx bolts.



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

Disconnect 2 heater hoses from the bulkhead.

▶ Release the 2 clips.



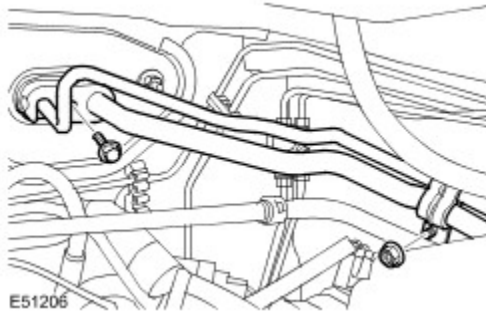
22. Release 2 A/C lines from the body.

▶ Remove the nut.

23.  **CAUTION:** Immediately cap all refrigerant lines to prevent ingress of dirt and moisture.

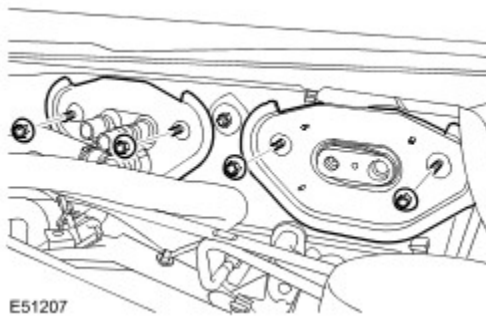
Release 2 A/C lines from the bulkhead.

- Remove the bolt.
- Remove and discard the O-ring seals.

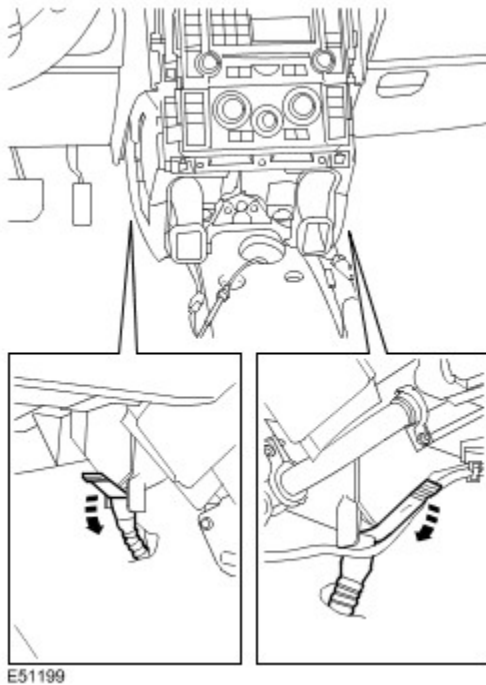


24 . Remove the 2 adaptor panels.

- Remove the 4 nuts.

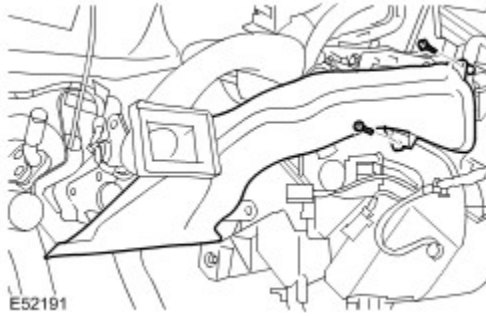


25 . Disconnect 2 drain tubes from the heater housing.



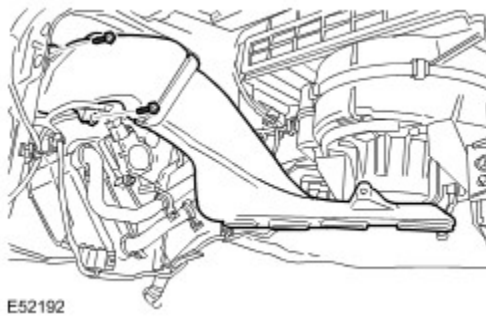
26 . Remove the driver side footwell duct.

▶ Remove the 2 Torx screws.



27. Remove the passenger side footwell duct.

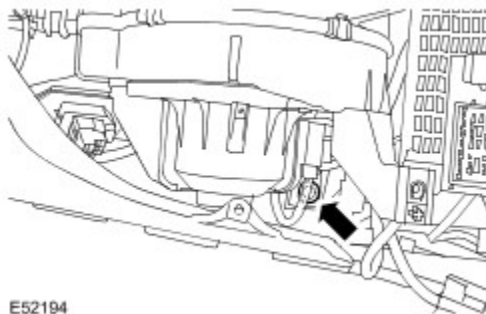
▶ Remove the 2 Torx screws.



28. Driver side: Remove the heater housing to bulkhead Torx bolt.

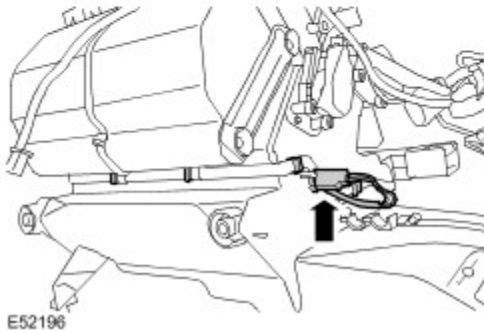
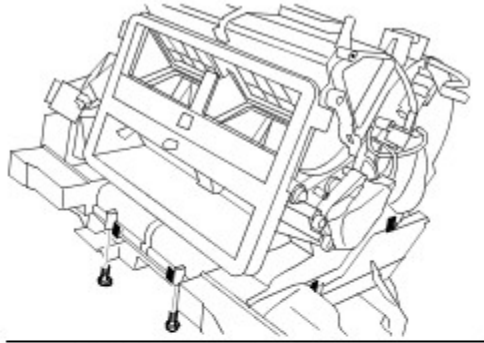


29. Passenger side: Remove the heater housing to bulkhead Torx bolt.

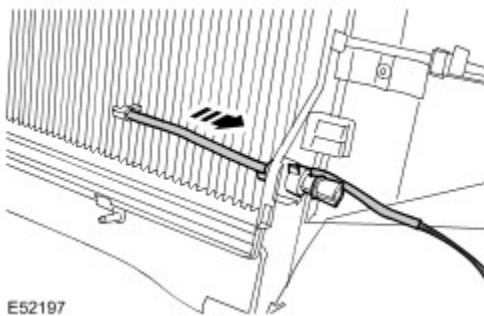


30. Remove the heater housing.

- 31 . Disconnect the evaporator core temperature sensor electrical connector.
- 32 . Release the heater core housing.
 - Remove the 2 screws.
 - Remove the 8 clips.














- 33 . Remove the evaporator core.
 - Release the temperature sensor.



Installation

- 1 . Install the evaporator core.
 - Secure the temperature sensor.
- 2 . Secure the heater core housing.
 - Install the clips.
 - Tighten the screws.

- 3 . Connect the temperature sensor electrical connector.
- 4 . Install the heater housing.
- 5 . Passenger side: Install the heater housing to bulkhead Torx bolt and tighten to 6 Nm (4 lb.ft).
- 6 . Driver side: Install the heater housing to bulkhead Torx bolt and tighten to 6 Nm (4 lb.ft).
- 7 . Install the footwell ducts.
 -  Tighten the Torx screws.
- 8 . Connect the drain tubes to the heater housing.
- 9 . Install the adaptor panels.
 -  Tighten the nuts to 6 Nm (4 lb.ft).
- 10 . Secure the A/C lines to the bulkhead.
 -  Clean the components.
 -  Install new O-ring seals.
 -  Tighten the bolt to 6 Nm (4 lb.ft).
- 11 . Secure the A/C lines to the body.
 -  Tighten the nut to 6 Nm (4 lb.ft).
- 12 . Connect the bulkhead heater hoses.
- 13 . With assistance, install the instrument panel.
 -  Tighten the Torx bolts to 25 Nm (18 lb.ft).
- 14 . Install the instrument panel carrier to bulkhead Torx bolt and tighten to 25 Nm (18 lb.ft).
- 15 . Install the plenum chamber panel. For additional information, refer to [Plenum Chamber \(80.15.62\)](#) (Section 412-01)
- 16 . Secure the heater housing.
 -  Tighten the screws.
- 17 . Connect the steering column intermediate shaft.
 -  Install the special bolt and tighten the new nut to 22 Nm (16 lb.ft).
- 18 . Install the heater housing center ducts.
- 19 . Connect the instrument panel center reinforcement fibre optic cables.
- 20 .

- Connect the instrument panel center reinforcement electrical connectors.
- 21 . Connect the CJB electrical connectors.
 - 22 . Connect the heater motor electrical connector.
 - 23 . Connect the electrical connectors to the passenger side lower A-pillar.
 - 24 . Connect the ground cables to the passenger side lower A-pillar.
 Tighten the nuts to 10 Nm (7 lb.ft).
 - 25 . Connect the electrical connectors to the driver side lower A-pillar.
 - 26 . Connect the ground cables to the driver side lower A-pillar.
 Tighten the nuts to 10 Nm (7 lb.ft).
 - 27 . Install the instrument panel upper section.
 - 28 . Install the front seat. For additional information, refer to [Front Seat \(78.10.44/99\)](#) (Section 501-10)
 - 29 . Recharge the A/C system. For additional information, refer to [Air Conditioning \(A/C\) System Recovery, Evacuation and Charging \(82.30.02\)](#) (Section 412-00)
 - 30 . Refill the cooling system. For additional information, refer to [Cooling System Draining, Filling and Bleeding \(26.10.01\)](#) (Section 303-03)
 - 31 . Install the engine cover. For additional information, refer to [Engine Cover - 4.4L \(12.30.50\)](#) (Section 501-05)