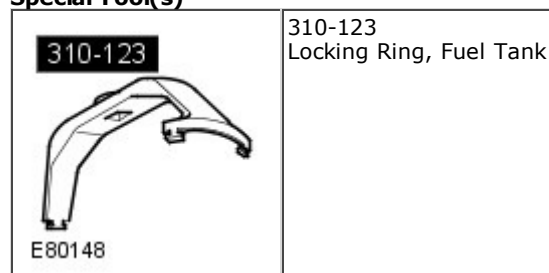


Published: 11-May-2011

Fuel Tank and Lines - TD4 2.2L Diesel - Fuel Tank

Removal and Installation

Special Tool(s)



General Equipment

Powertrain Jack

Removal

• WARNINGS:



Fuel may still be present in the fuel tank after draining.



Avoid flames, sparks or lighted substances.

• CAUTIONS:



Extreme cleanliness must be exercised when handling these components.



Make sure that all openings are sealed. Use new blanking caps.

- NOTE: Some variation in the illustrations may occur, but the essential information is always correct.

All vehicles

1. Disconnect the battery ground cable.

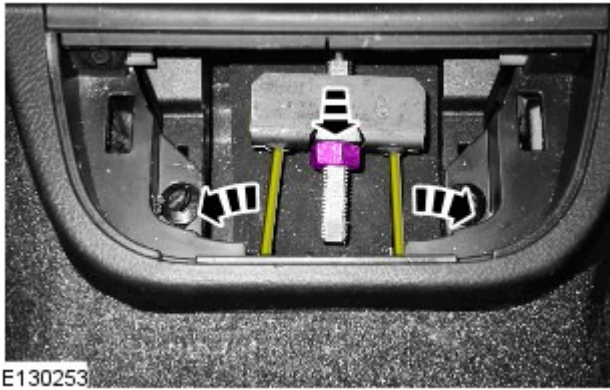
Refer to: [Specifications](#) (414-00 Battery and Charging System - General Information, Specifications).

2. Drain the fuel tank.

Refer to: [Fuel Tank Draining](#) (310-00 Fuel System - General Information, General Procedures).

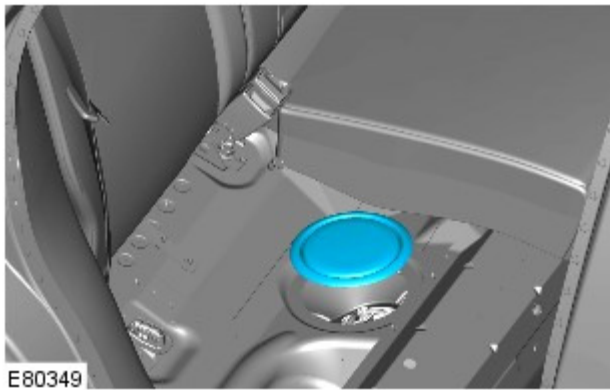
3. Remove the coin tray.





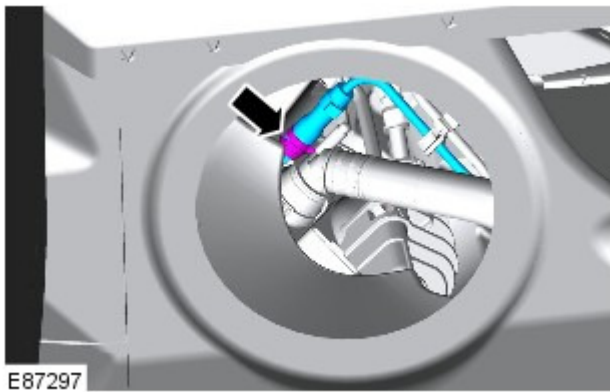
4. Release the adjusting nut and disconnect the parking brake cables from the compensator.

5. Fold the RH rear seat cushion forwards.



6. Release the carpet and remove the grommet.

Vehicles with fuel fired heater



7. **7. CAUTIONS:**

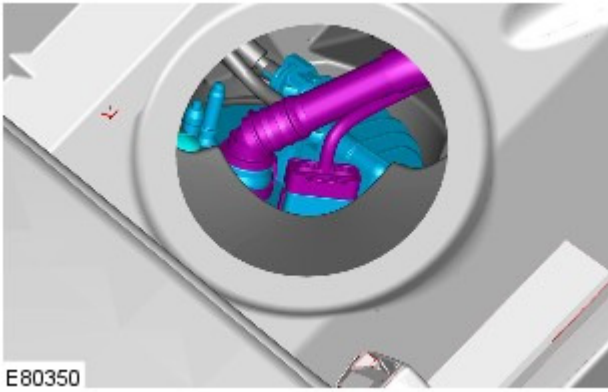


Extreme cleanliness must be exercised when handling these components.



Make sure that all openings are sealed. Use new blanking caps.

All vehicles



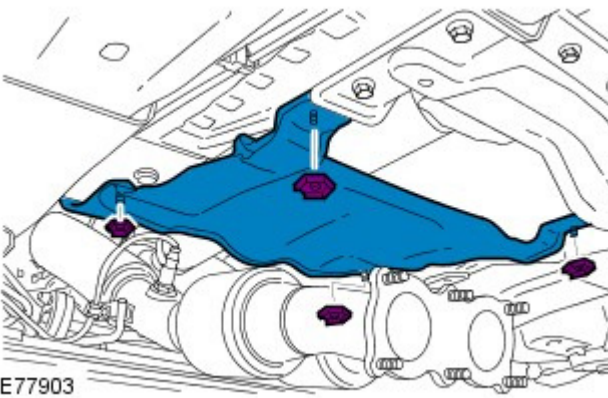
8. Disconnect the electrical connector and the breather hose.

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

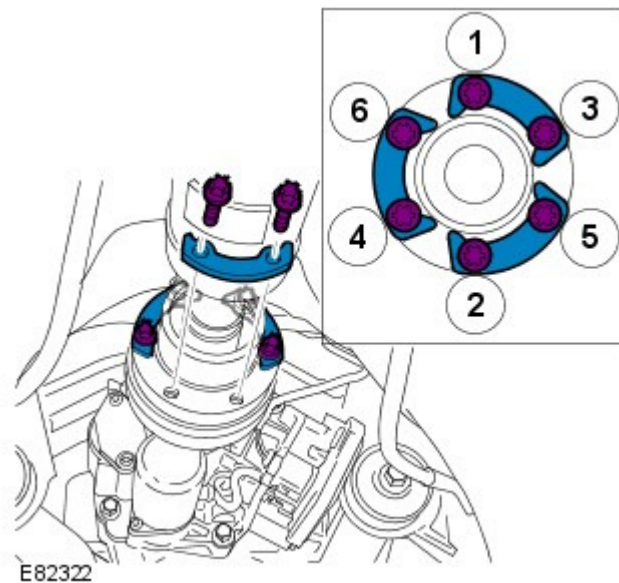
Raise and support the vehicle.

10. Remove the exhaust system.

Refer to: [Exhaust System](#) (309-00A Exhaust System - I6 3.2L Petrol, Removal and Installation).



- 11.



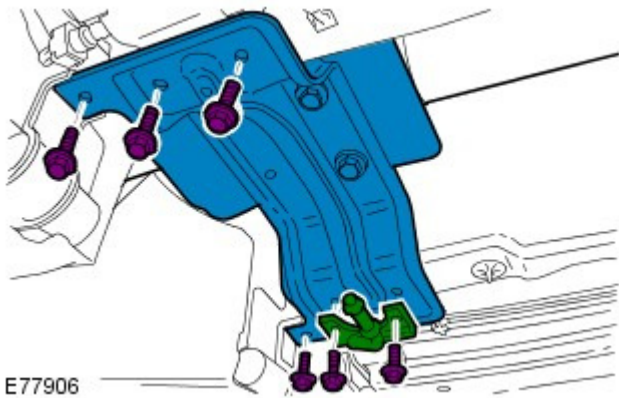
12. **12. ⚠ WARNING:** Do not lever the driveshaft joints to release from the power transfer unit or the rear differential flanges.

• CAUTIONS:

⚠ Make sure that the driveshaft is supported with suitable retaining straps.

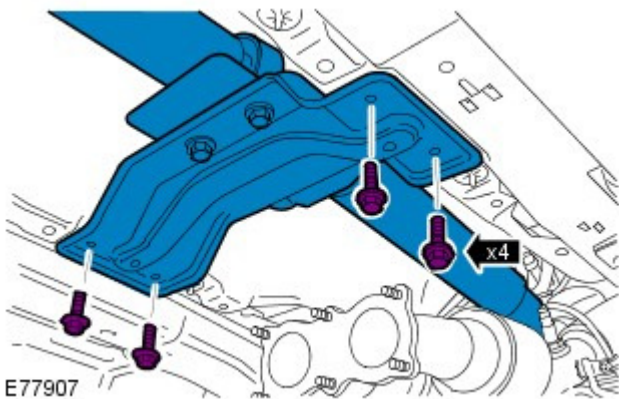
⚠ Make sure that new bolts are installed.

Torque: 40 Nm



13. **13.** NOTE: All vehicles built up to VIN 180237, and all TD4 Automatics built from VIN 180238

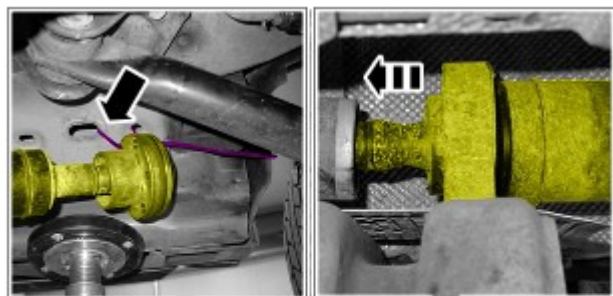
- Torque: 25 Nm



14. **14.** NOTE: All vehicles.

- NOTE: This step requires the aid of another technician.

- Torque: 25 Nm



15. **15.** CAUTIONS:



Make sure that the centre driveshaft joint is compressed. Failure to follow this instruction may result in damage to the component.

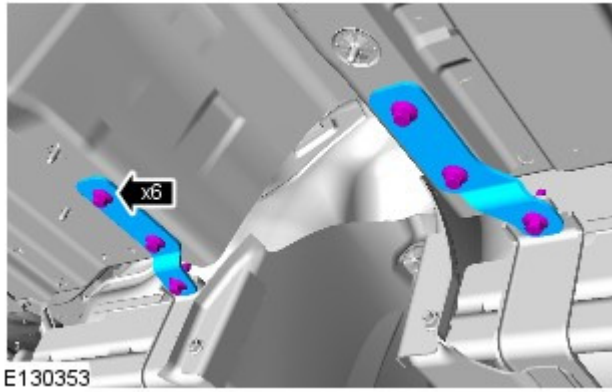


To avoid damage to the joint or gaiter, do not allow the driveshaft to hang.

- NOTE: This step requires the aid of another technician.

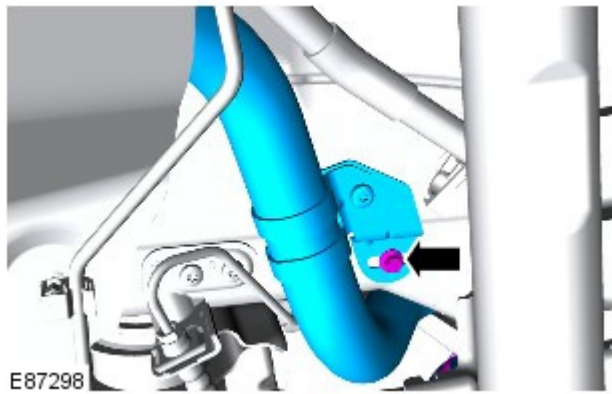
- Compress the propshaft centre joint.
- Tie the propshaft to the right hand side of the vehicle.



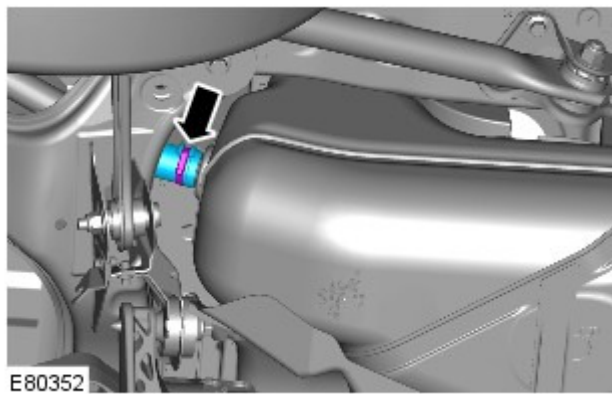


16. **16.** NOTE: TD4 Manual built from VIN 180238

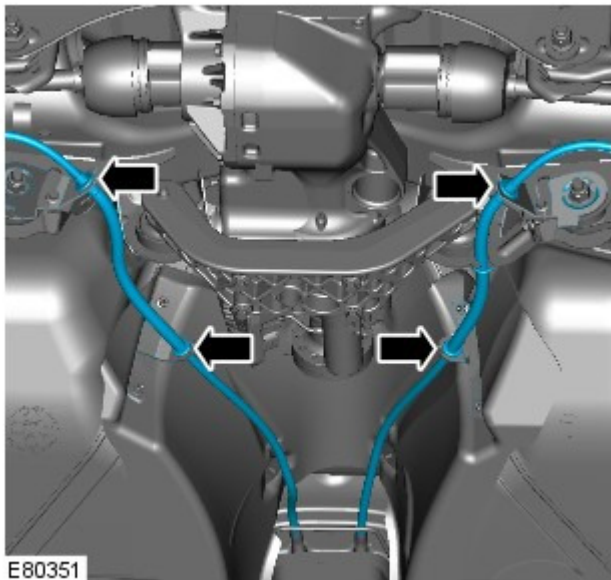
- Torque: 25 Nm



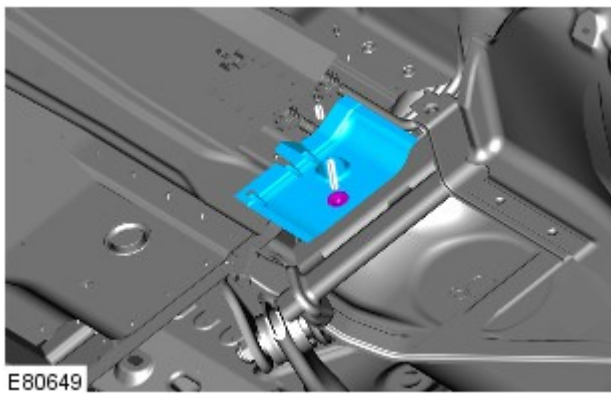
17.



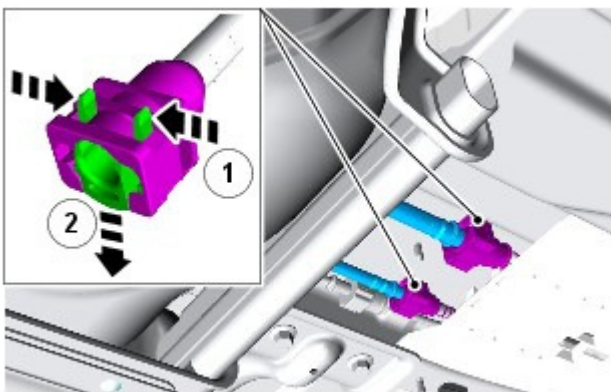
18.



19. Release the parking brake cables from the fuel tank cradle.



20. Remove the fuel line cover.



21. **21. CAUTIONS:**



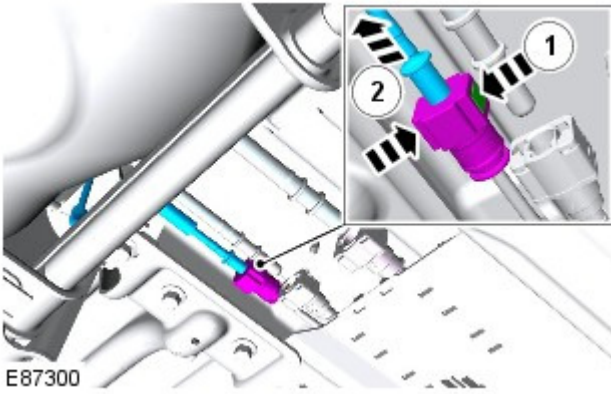
Extreme cleanliness must be exercised when handling these components.



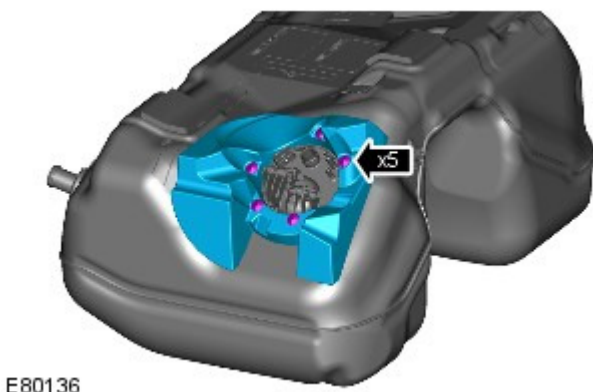
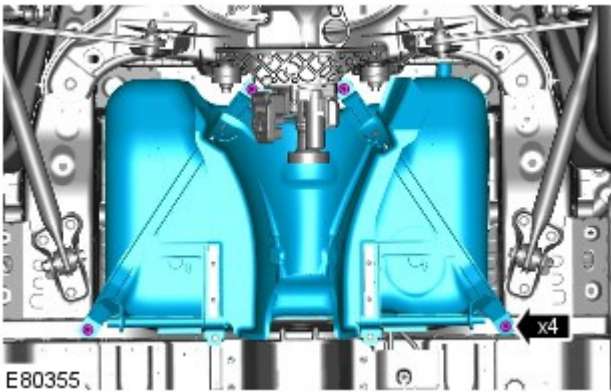
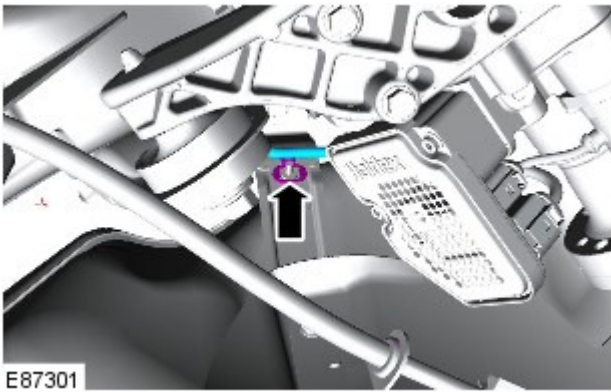
Make sure that all openings are sealed. Use new blanking caps.

Disconnect the 2 fuel lines.

Vehicles with fuel fired heater



All vehicles



22. 22. CAUTIONS:



Extreme cleanliness must be exercised when handling these components.



Make sure that all openings are sealed. Use new blanking caps.

23.

24. 24. WARNING: This step requires the aid of another technician.



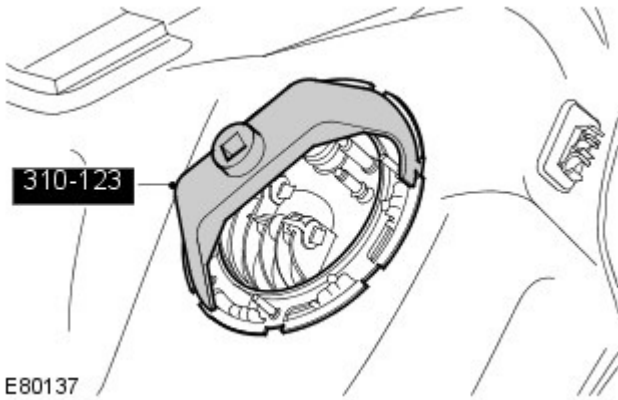
CAUTION: Make sure that new bolts are installed.


Remove the fuel tank.

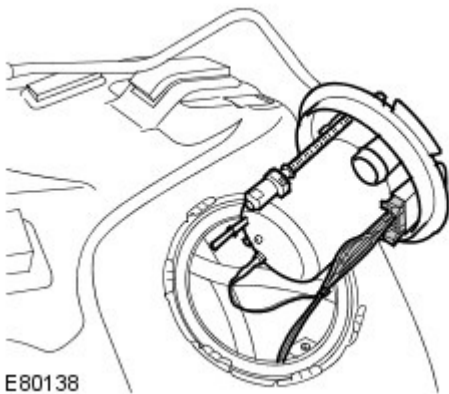
General Equipment: [Powertrain Jack](#)
Torque: 25 Nm

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

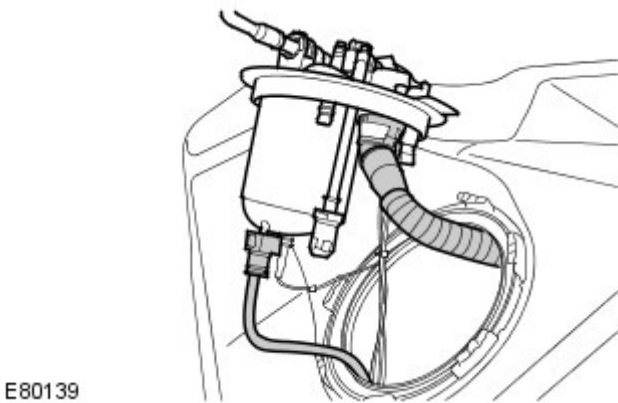
Remove the fuel tank pad.



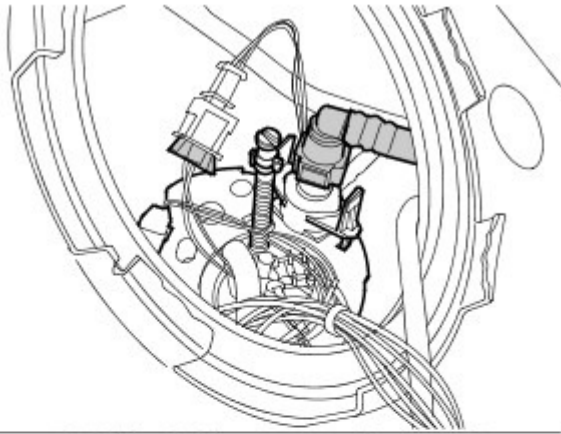
26. **26.**  **CAUTION:** Extreme cleanliness must be exercised when handling these components.
- Remove the fuel pump module locking ring.
- Special Tool(s):* [310-123](#)
- *Torque:* 200 Nm



27. **27.**  **CAUTION:** A new O-ring seal is to be installed.
- Release the fuel filter.

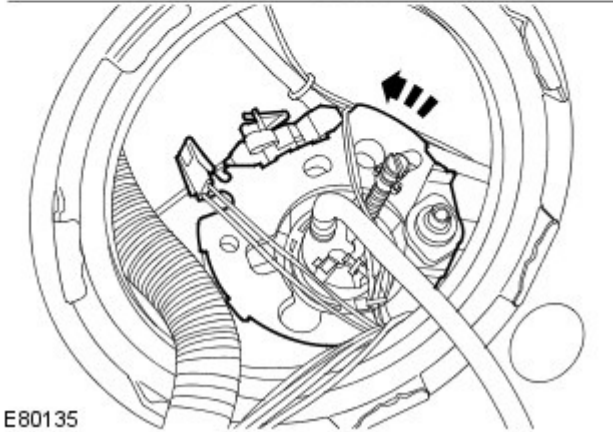


28. **28.** **NOTE:** Petrol illustration shown, diesel similar.
- Remove the fuel filter.



29. **29.** NOTE: Petrol illustration shown, diesel similar.

Remove the fuel pump module.



30.

- Push down to release the fuel sender from clip.
- Slide fuel sender assembly forward to release from the bracket.
- Manoeuvre fuel sender out of the tank.



31. Remove the fuel tank cradle.



Installation

1. To install, reverse the removal procedure.

2. Refill the fuel tank.
3. Adjust the parking brake.

Refer to: [Parking Brake Cable Adjustment](#) (206-05 Parking Brake and Actuation, General Procedures).