

Fuel Tank and Lines - V8 S/C 4.2L Petrol - Fuel Tank

Removal and Installation

Removal

- WARNINGS:



Place the vehicle in a well ventilated, quarantined area and arrange 'No Smoking/Petrol Fumes' signs about the vehicle.



Do not carry or operate cellular phones when working on or near any fuel related components. Highly flammable vapors are always present and may ignite. Failure to follow these instructions may result in personal injury.



Do not smoke or carry lighted tobacco or open flame of any type when working on or near any fuel related components. Highly flammable vapors are always present and may ignite. Failure to follow these instructions may result in personal injury.




The spilling of fuel is unavoidable during this operation. Ensure that all necessary precautions are taken to prevent fire and explosion.



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

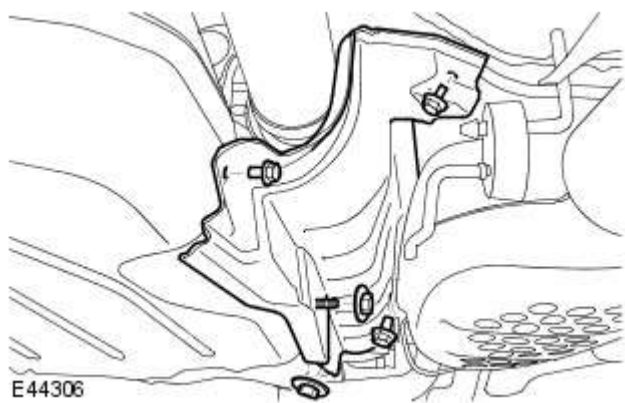
1. Disconnect the battery ground cable.
For additional information, refer to: [Specifications](#) (414-00 Battery and Charging System - General Information, Specifications).
2. Drain the fuel tank.
For additional information, refer to: [Fuel Tank Draining](#) (310-00 Fuel System - General Information, General Procedures).

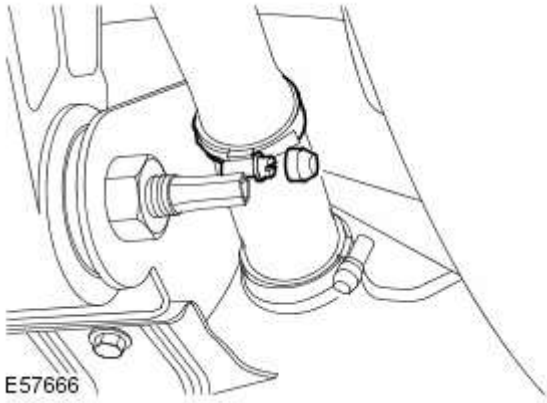
3.  **WARNING:** Do not work on or under a vehicle supported only by a jack. Always support the vehicle on safety stands.


Raise and support the vehicle.

4. Remove the fuel tank heat shield.

- Remove the 3 bolts and 2 nuts.






5.  **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.

Disconnect the fuel filler neck from the filler neck hose.


- Remove the tamper proof cover.
- Remove and discard the hose clip.



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

Disconnect the fuel supply and purge lines quick release connections at the front of the fuel tank.



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

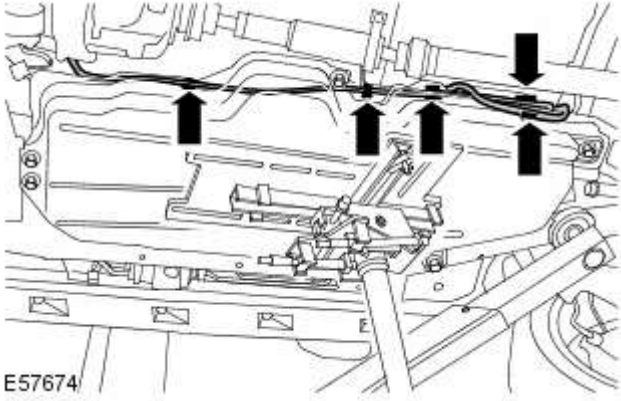
Disconnect the fuel tank vent line.

8. Release the fuel tank harness.

9. Release the parking brake emergency release cable.

- Release from the 4 clips.

10. Remove the 2 emergency release cable clips.



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11.  **WARNING:** Secure the component to the transmission jack.

• **CAUTIONS:**



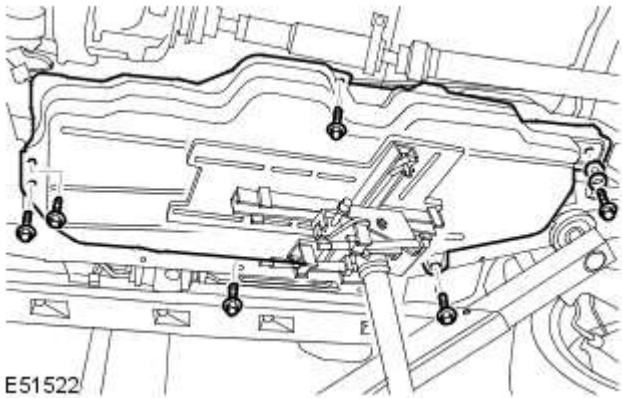
Do not lower the fuel tank more than 250 mm (9.75 in)



Note the rear bolt is fitted with 2 washers.

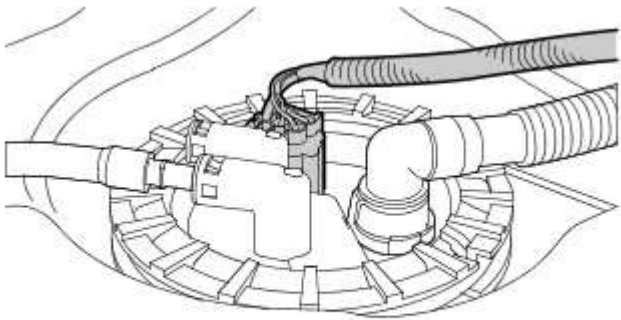
Using a transmission jack, lower the fuel tank sufficiently only to access the top of the fuel tank.

- Remove the 6 bolts.



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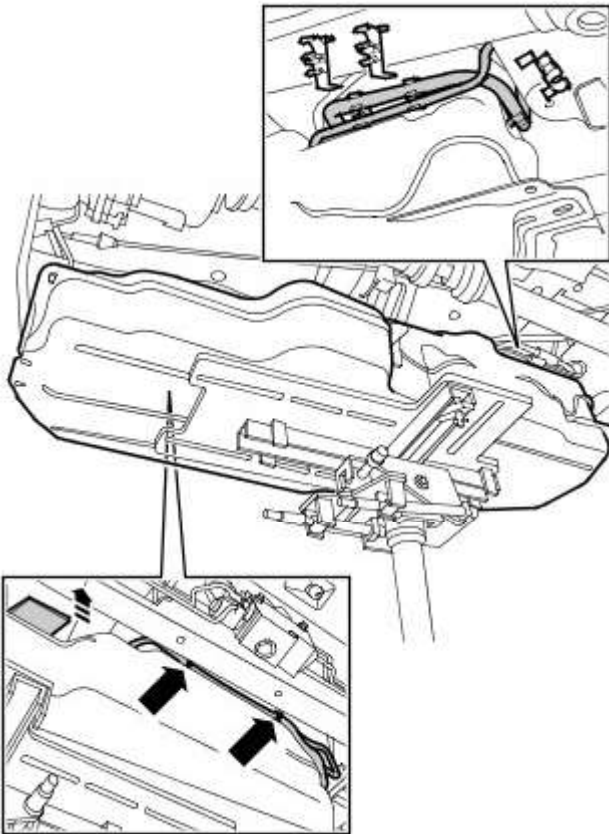
12. Disconnect the fuel pump module electrical connector.



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13. Release the purge line from the top of the fuel tank.


- Remove the adhesive pad.
- Release from the 5 clips.



14. Remove the fuel tank.

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

With assistance, remove the fuel tank from the transmission jack.

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

Remove the fuel tank vent line.

- Disconnect the quick release connector.
- Remove from the 3 clips.

