


Fuel Tank (19.55.01)


Removal

All vehicles


1. Disconnect the battery ground cable.
For additional information, refer to [Specifications](#)
2. Drain the fuel tank.
For additional information, refer to [Fuel Tank Draining \(19.55.02\)](#)

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.

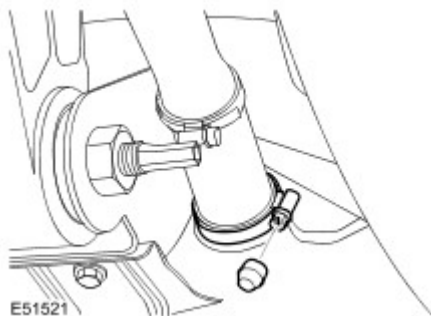
4. Remove the fuel tank heat shield.
 Remove the 3 bolts and 2 nuts.



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 fuel tank.

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



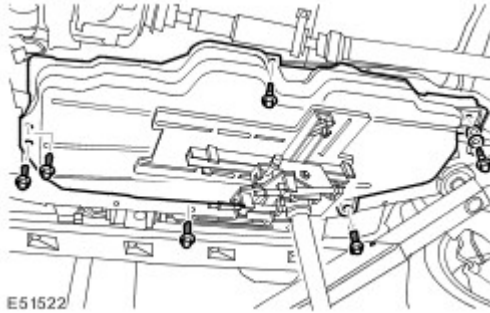
6 .



WARNING: Secure the component to the transmission jack.

Using a transmission jack, lower the fuel tank.

- ▶ Remove the 5 bolts.



7 . Release the parking brake emergency release cable.

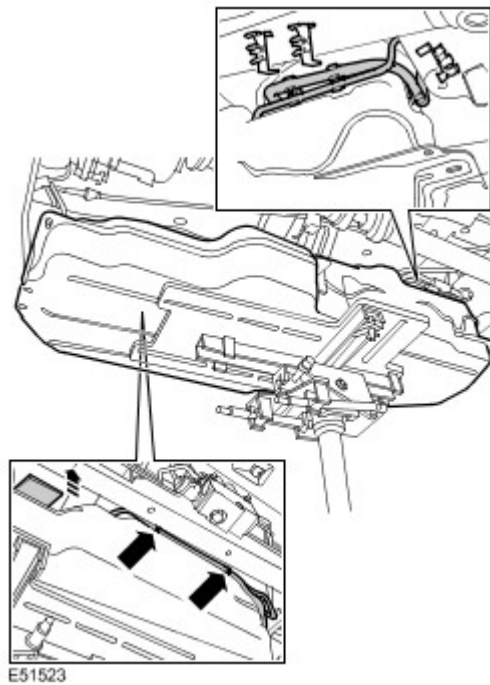
- ▶ Release it from the 4 clips

8 . **NOTE:**

Note the fitted position.

Release the fuel tank vent and fuel lines.

- ▶ Remove the retainers.
- ▶ Release from the clips.
- ▶ Remove the adhesive pad.




9



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 2 fuel tank vent lines.

 Release the clip.


Vehicles with fuel fired heater

10



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 fired booster heater fuel line.

 Release the clip.


All vehicles

11



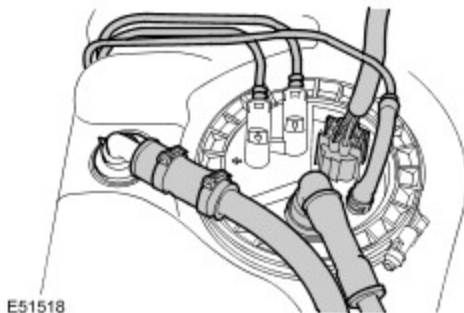
CAUTION: Before disconnecting or removing components, ensure the area around the joint faces and connections are clean. Plug open connections to prevent contamination.

Disconnect the 2 fuel lines.

 Release the 2 clips.

12 . Disconnect the fuel pump module electrical connector.

13 . Remove the fuel tank.



14 . **NOTE:**

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

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

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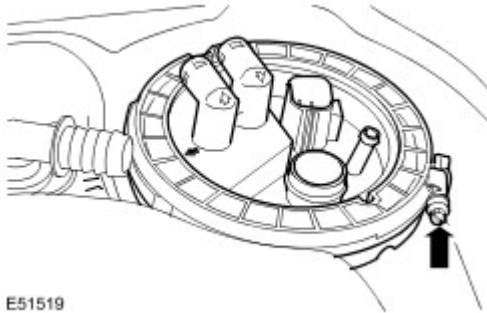
CAUTION: Before disconnecting or removing the components, ensure the area around the joint faces and connections are clean. Plug open connections to prevent contamination.

NOTE:

Note the fitted position.

Release the fuel pump module access flange.

- ▶ Loosen the screw.
- ▶ Remove the clamp.



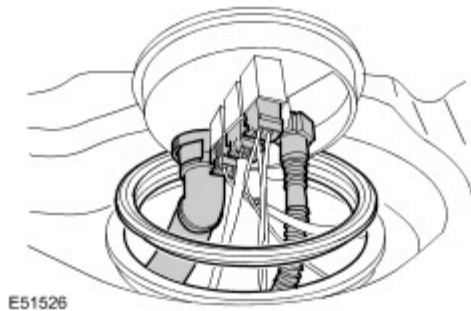
16



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

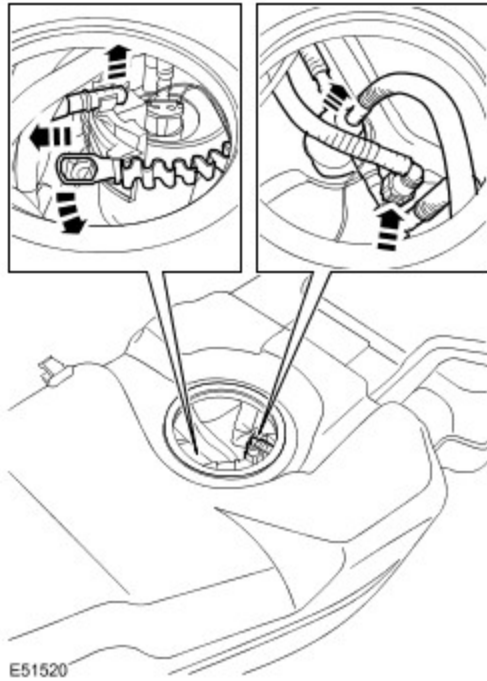
Remove the fuel pump module access flange.

- ▶ Disconnect the vent line.
- ▶ Disconnect the fuel supply line.
- ▶ Disconnect the 3 electrical connectors.
- ▶ Remove and discard the seal.



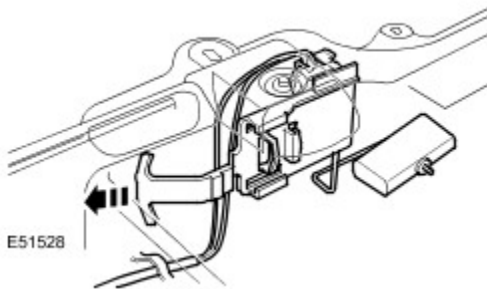
17 . Remove the fuel pump module.

- ▶ Release the strap.
- ▶ Release the fuel pressure regulator.
- ▶ Disconnect the 2 fuel lines.



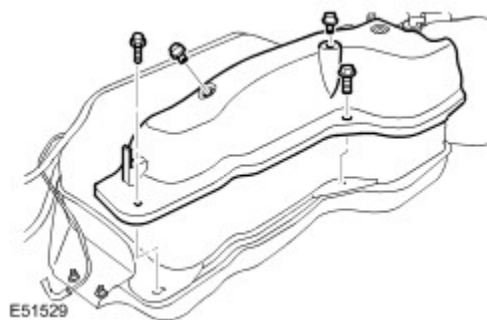
18 . Remove the fuel tank front fuel level sender unit.

- ▶ Release the lead.
- ▶ Release the clip.



19 . Remove the fuel tank bracket.

- ▶ Remove the 2 clips.
- ▶ Remove the 2 bolts.
- ▶ Remove the retaining plate.



Installation


All vehicles

- 1 . Install the fuel tank bracket.
 - ▶ Install the retaining plate.
 - ▶ Install the clips.
 - ▶ Tighten the bolts to 10 Nm (7 lb.ft).

- 2 . Install the fuel tank front fuel level sender unit.
 - ▶ Secure the clip.
 - ▶ Secure the lead.

- 3 . Install the fuel pump module.
 - ▶ Connect the fuel lines.
 - ▶ Secure with the strap.
 - ▶ Secure the fuel pressure regulator.

- 4 . Install the fuel pump module access flange.
 - ▶ Clean the component mating faces.
 - ▶ Install a new seal.
 - ▶ Connect the 3 electrical connectors.
 - ▶ Connect the fuel supply line.
 - ▶ Connect the vent line.

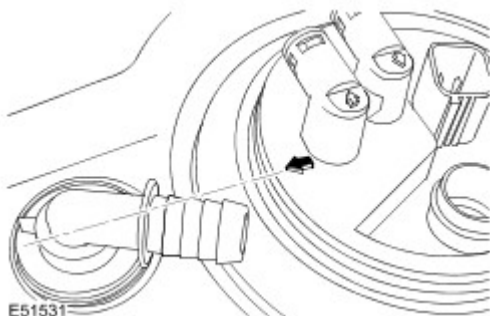
- 5 .  **CAUTION: Make sure the seal is installed correctly.**

NOTE:

Align to the position noted on removal.

Secure the fuel pump module access flange.

- ▶ Install the clamp.
- ▶ Tighten the screw to 4 Nm (3 lb.ft).



6 . With assistance, install the fuel tank to the transmission jack.

7 . Position the fuel tank to the vehicle.

8 . Connect the fuel lines.

▶ Secure with the clip.

Vehicles with fuel fired heater

9 . Connect the fuel fired booster heater fuel line.

▶ Secure with the clip.

All vehicles

10 . Connect the vent lines.

▶ Secure with the clip.

11 . Connect the electrical connector.

12 . Secure the fuel and vent lines.

▶ Secure in the clips.

▶ Install the retainers.

▶ Install the adhesive pad.

13 . Secure the parking brake emergency release cable.

▶ Secure in the 4 clips.

14 . Install the fuel tank.

▶ Tighten the bolts to 45 Nm (33 lb.ft).

15 .



CAUTION: Tighten the new tamper proof clip until the hexagon shears.

Connect the fuel filler neck.

▶ Install a new retaining clip.

16 . Install the fuel tank heat shield.

▶ Tighten the bolts to 5 Nm (4 lb.ft).

▶ Tighten the nuts to 3 Nm (2 lb.ft).

17 . Refill the fuel tank.

For additional information, refer to [Fuel Tank Draining \(19.55.02\)](#).

18 . Bleed the fuel system.

For additional information, refer to [Low-Pressure Fuel System Bleeding \(19.50.07\)](#).