



LTB00668V6

# TECHNICAL BULLETIN

27 JUL 2017

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## SECTION:

310-00

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## SUBJECT/CONCERN:

Fuel Tank 'Slosh' 'Slap' Noise

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## MARKETS:

ASIA PACIFIC; CHINA; EUROPE; JAPAN; MENA; OVERSEAS

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## CONDITION SUMMARY:

### SITUATION:

A customer may express a concern of a 'sloshing' or 'slapping' noise from the rear of the vehicle when braking and accelerating at low speeds. The noise is most prominent when the fuel level is just below full.

**This version has been issued due to a change in the affected vehicle range and warranty.**

### CAUSE:

No internal baffles installed in the fuel tank.

**Suggested customer concern code - MB6.**

### ACTION:

Should a customer express concern, follow the service instruction below.

## PARTS :

PART NUMBER	DESCRIPTION	QUANTITY
LR065678	Fuel tank baffle kit	1
LR000966	Fuel pump module O-ring seal	1

## WARRANTY :

### NOTES:

- Repair procedures are under constant review, and therefore times are subject to change; those quoted here must be taken as guidance only. Use TOPIx to obtain the latest repair time.
- The JLR claims submission system requires the use of causal part numbers. Labor only claims must show the causal part number with a quantity of zero.

DESCRIPTION	SRO	TIME (HOURS)	CONDITION CODE	CAUSAL PART
Range Rover Sport (LW) - Installation of foam baffles into fuel tank - 2.0 INGENIUM Diesel	19.55.89.57	3.7	42	LR044702
Range Rover Sport (LW) - Installation of foam baffles into fuel tank - 3.0 TDV6 with Diesel Particulate Filter (DPF)	19.55.89.57	4.1	42	LR044702
Range Rover Sport (LW) - Installation of foam baffles into fuel tank - 3.0 TDV6 with DPF - with Diesel Exhaust Fluid (DEF)	19.55.89.57	4.6	42	LR044702
Range Rover Sport (LW) - Installation of foam baffles into fuel tank - 3.0 TDV6 without DPF	19.55.89.57	4.0	42	LR044702
Range Rover Sport (LW) - Installation of foam baffles into fuel tank - 3.0 TDV6 Hybrid Electric Vehicle (HEV) without DPF	19.55.89.57	4.2	42	LR044702
Range Rover Sport (LW) - Installation of foam baffles into fuel tank - 3.0 TDV6 HEV with DPF	19.55.89.57	4.3	42	LR044702
Range Rover Sport (LW) - Installation of foam baffles into fuel tank - 3.0 TDV6 HEV with DPF- with DEF	19.55.89.57	4.8	42	LR044702

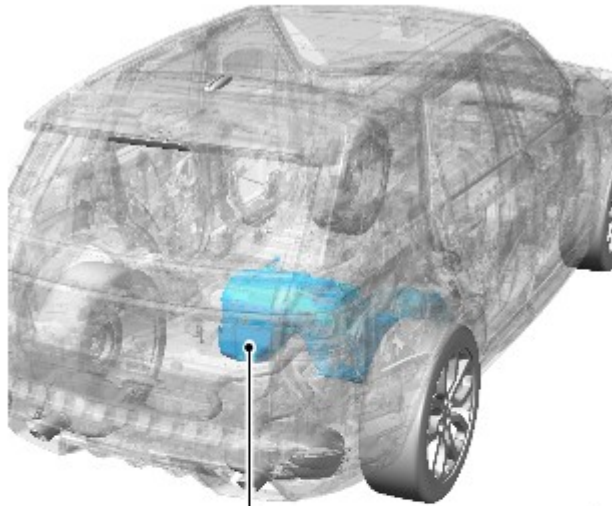
DESCRIPTION	SRO	TIME (HOURS)	CONDITION CODE	CAUSAL PART
Range Rover Sport (LW) - Installation of foam baffles into fuel tank - 4.4 TDV8 with DPF - with DEF	19.55.89.57	5.0	42	LR044702
Range Rover (LG) - Installation of foam baffles into fuel tank - 3.0 TDV6 with DPF - with DEF -	19.55.89.57	4.5	42	LR044702
Range Rover (LG) - Installation of foam baffles into fuel tank - 3.0 TDV6 HEV - with DPF - with DEF	19.55.89.57	4.9	42	LR044702
Range Rover (LG) - Installation of foam baffles into fuel tank - 3.0 TDV6 HEV - with DPF	19.55.89.57	4.0	42	LR044702
Range Rover (LG) - Installation of foam baffles into fuel tank - 3.0 TDV6 HEV - without DPF	19.55.89.57	4.0	42	LR044702
Range Rover (LG) - Installation of foam baffles into fuel tank - 4.4 TDV8 with DPF - with DEF	19.55.89.57	5.1	42	LR044702
Range Rover (LG) - Installation of foam baffles into fuel tank - 3.0 TDV6 without DPF	19.55.89.57	4	42	LR044702
Range Rover (LG) - Installation of foam baffles into fuel tank - 3.0 TDV6 with DPF - without DEF	19.55.89.57	4.2	42	LR044702

**NOTE:**

Normal Warranty procedures apply.

## COMPONENT LOCATION

1.



E184780

The illustration shows the location of the fuel tank.

SERVICE INSTRUCTION:

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**NOTES:**

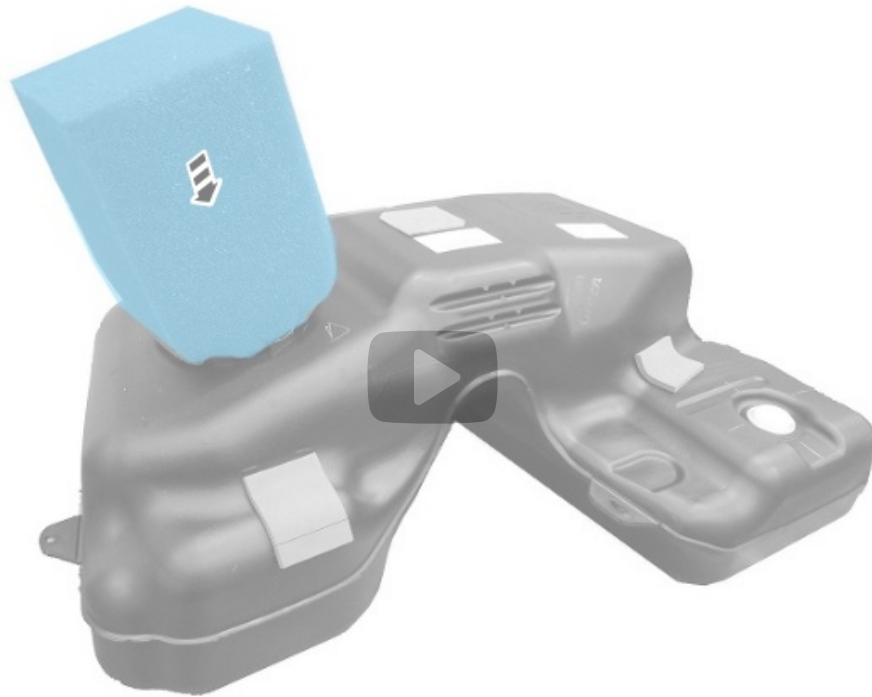
- Vehicles with TDV8 4.4 engines - This technical bulletin is only applicable to vehicles equipped with Diesel Exhaust Fluid (DEF) and Short Wheel Base. For TDV8 4.4 engines without Diesel Exhaust Fluid (DEF) or Long Wheel Base refer to technical bulletin LTB00560.
- Range Rover (LG) vehicles with TDV6 3.0 engines, this technical bulletin is only applicable to 16 Model Year (MY) onwards vehicles and all Hybrid Electric Vehicles (HEV). For TDV6 3.0 Range Rover (LG) vehicles prior to 16MY (non HEV) refer to technical bulletin LTB00560.
- The animation file to view the installation procedure can be found by clicking the icon located adjacent to illustration E165466 (refer to step 4 in the service instruction) or see TOPIx Workshop Manual section: 310-00 - Fuel Tank Baffle Installation.
- Some images in this procedure show the fuel tank with parts of its structure missing, the sections that are cut away are only there to provide extra clarity.

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1. Remove the fuel tank, (see TOPIx Workshop Manual section: 310-01A - Fuel Tank).
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2. Remove the fuel pump and sensor unit, (see TOPIx Workshop Manual section 310-01A - Fuel Pump and Sensor Unit).
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3. Remove the fuel level sensor, (see TOPIx Workshop Manual section: 310-01A - Fuel Level Sensor).
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4.

**CAUTION:**

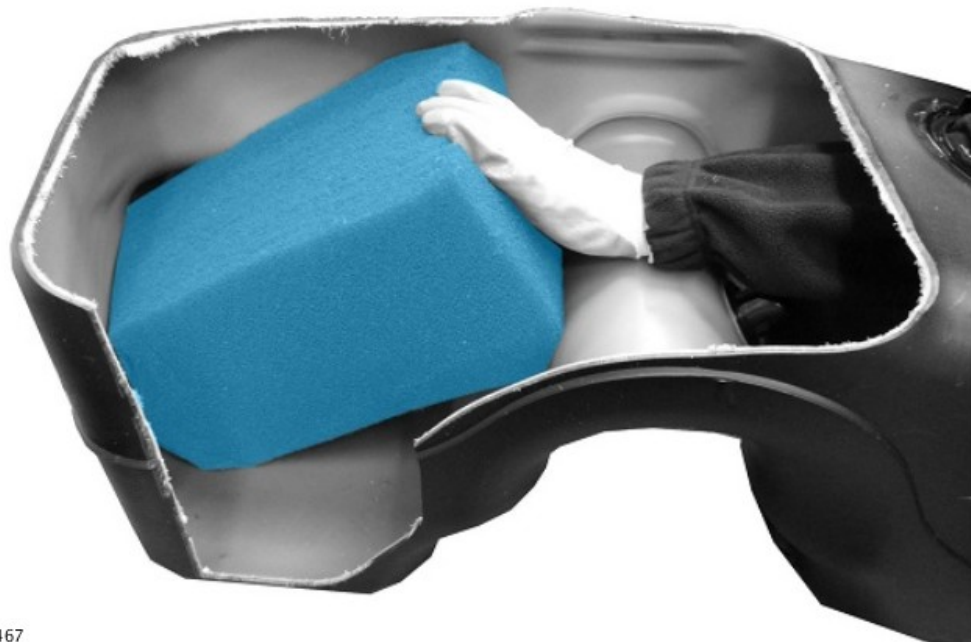
Make sure the foam baffle is not damaged during this step.



E165466

Install the large foam baffle into the active side of the fuel tank.

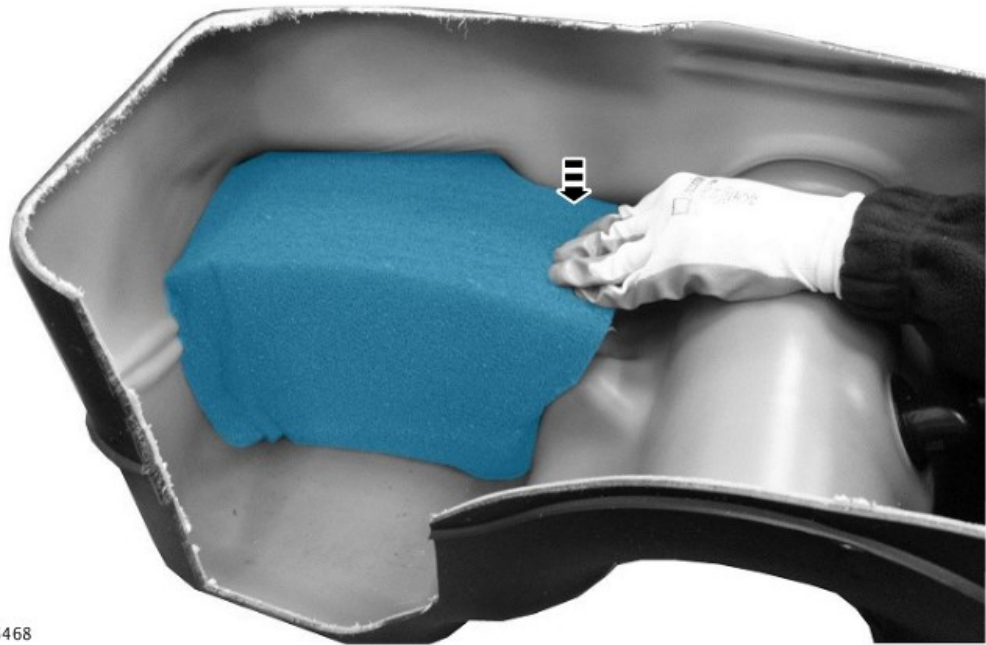
5.



E165467

Position the foam baffle into the passive side of the fuel tank.

6.



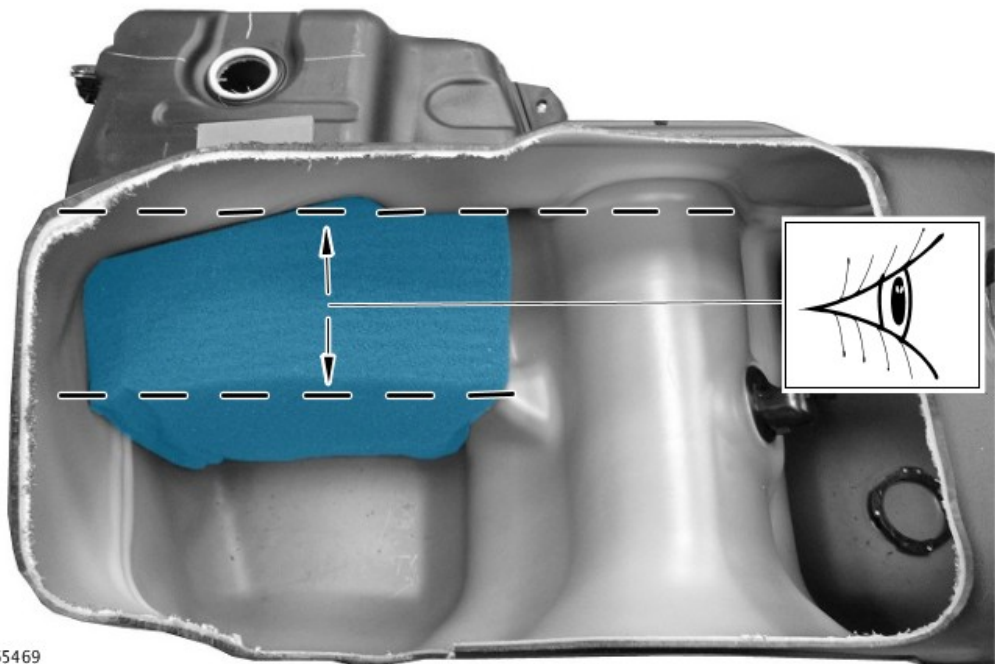
E165468

Make sure the foam baffle is located correctly, as shown in the illustration.

7.

**NOTE:**

It is essential that the foam baffle is parallel to the end of the fuel tank before proceeding with the next step.



E165469

Make sure the foam baffle is aligned correctly, as shown in the illustration.

8.

**E165470**

From the fuel tank baffle kit, connect the hose adapter to the hose end, as shown in the illustration.

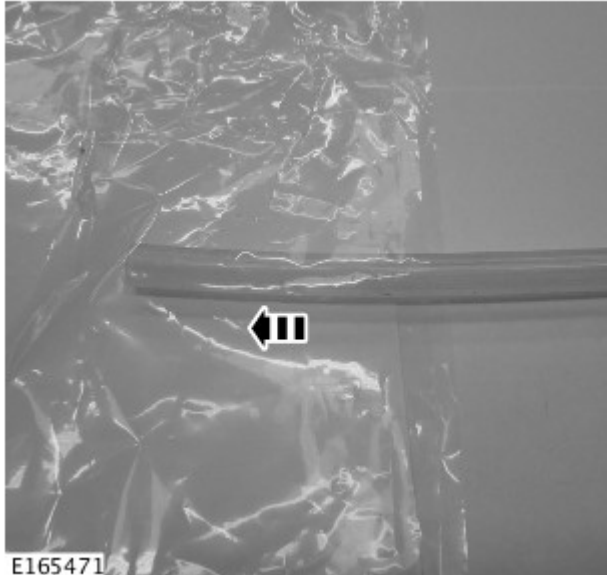
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9.

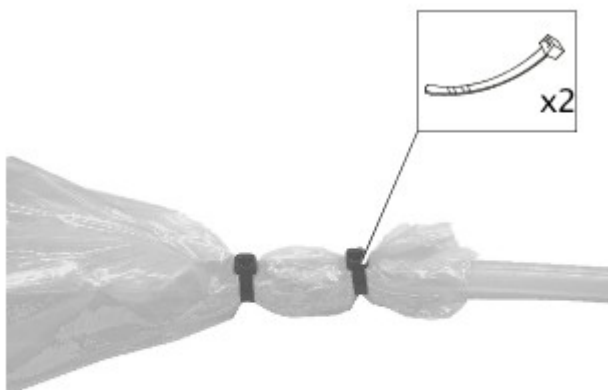
**NOTE:**

A second polythene bag is provided in the fuel tank baffle kit should it be required.



Install the hose inside the polythene bag supplied in the fuel tank baffle kit, as shown in the illustration.

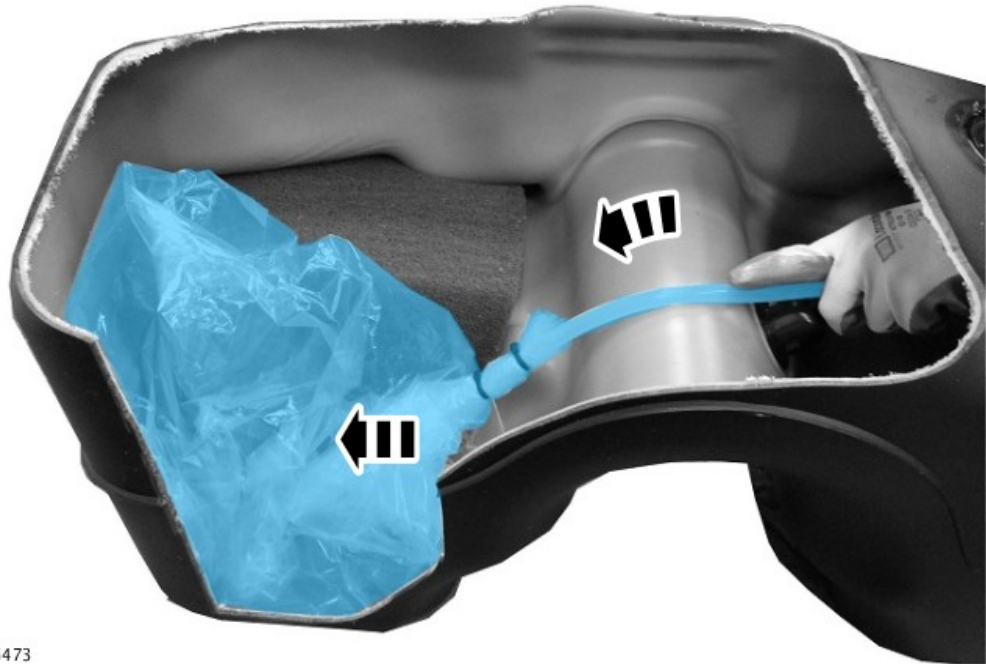
10.



E165472

Secure the polythene bag to the hose using the cable ties from the fuel tank baffle kit, as shown in the illustration.

11.

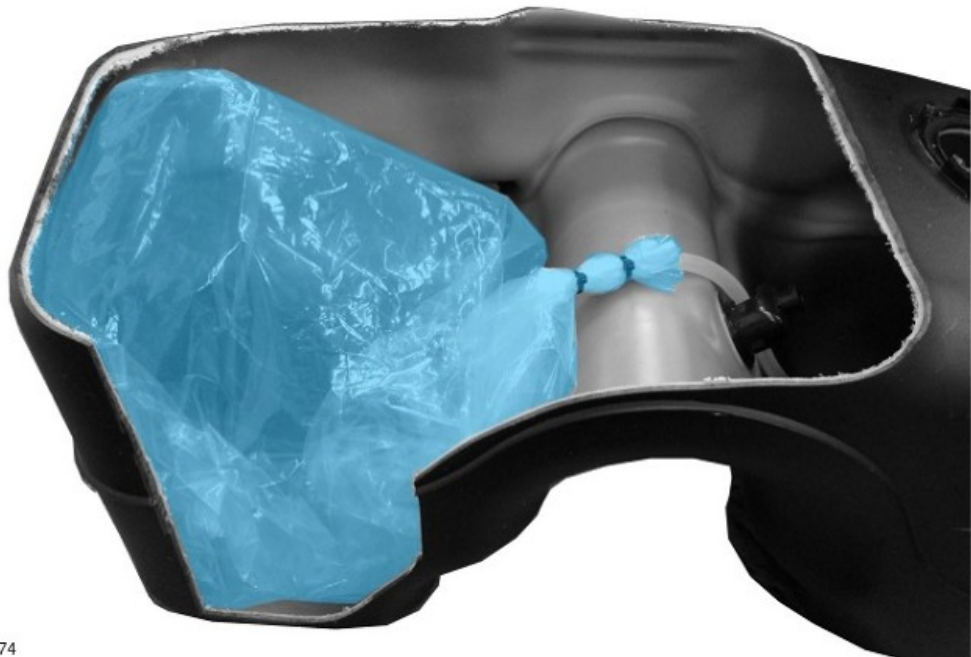


E165473

Install the polythene bag and hose assembly into the passive side of the fuel tank.

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12.

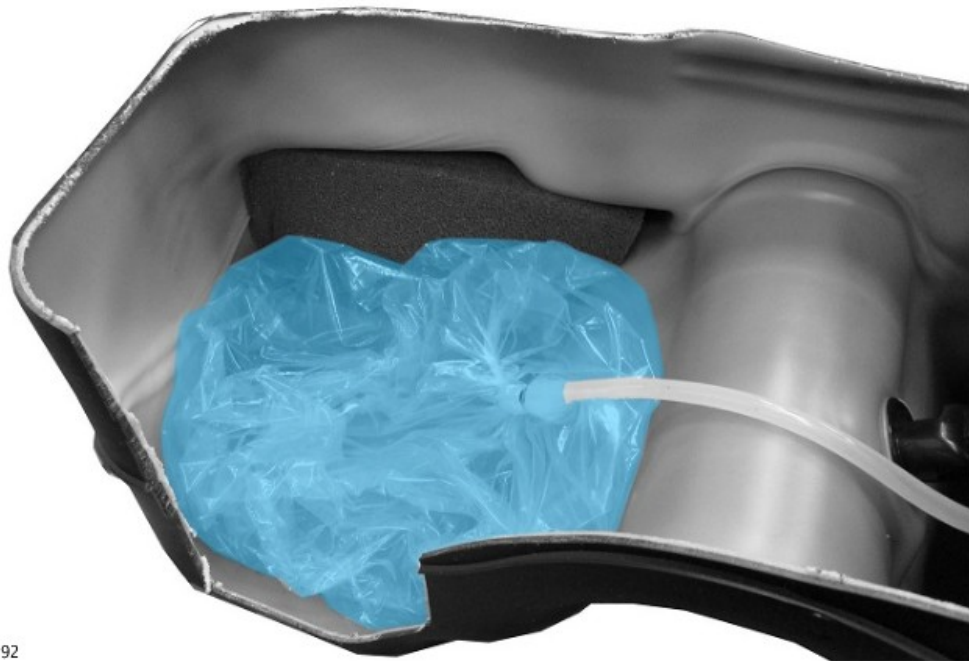


E165474

Inflate the polythene bag with a compressed air line and a tire inflator.

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13.



E166592

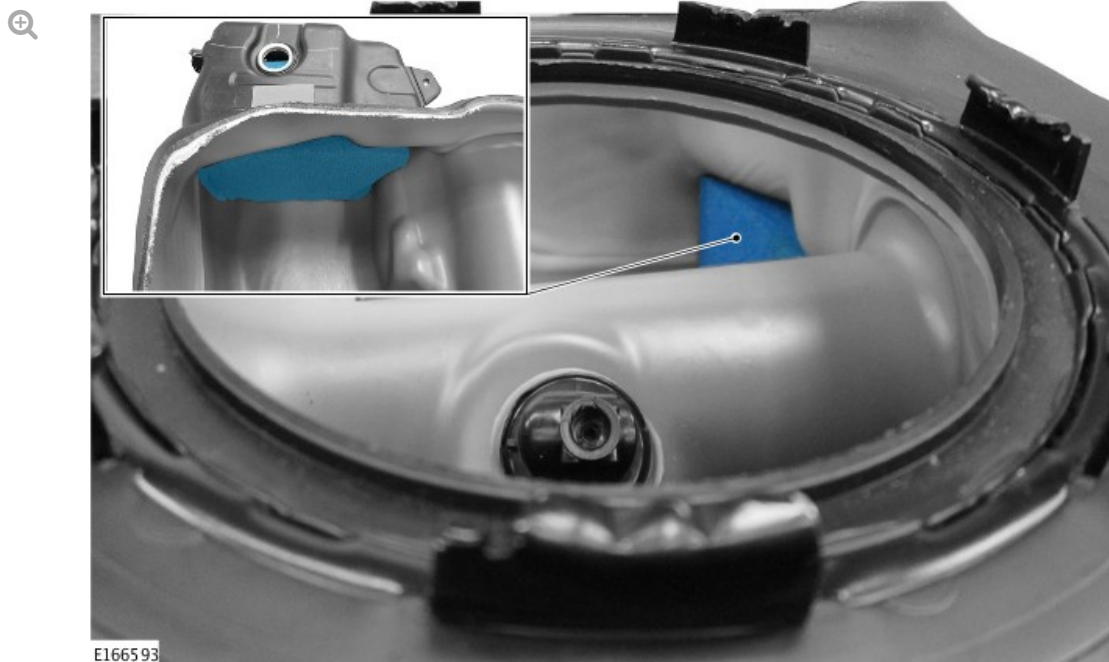
Inflate the polythene bag until the bag bursts and deflates. Remove the polythene bag and hose. Inspect the positioning of the foam baffle.

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14.

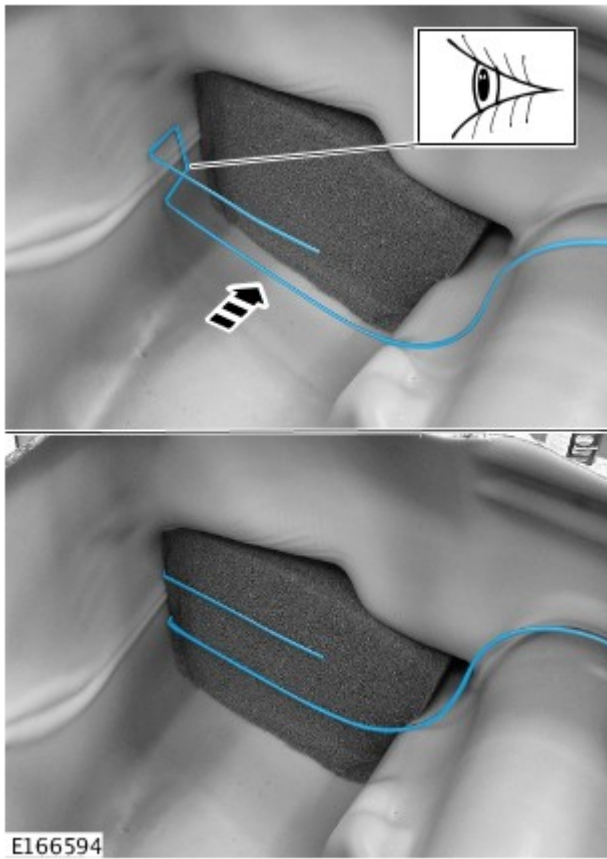
**NOTE:**

A second polythene bag is provided in the fuel tank baffle kit should it be required.



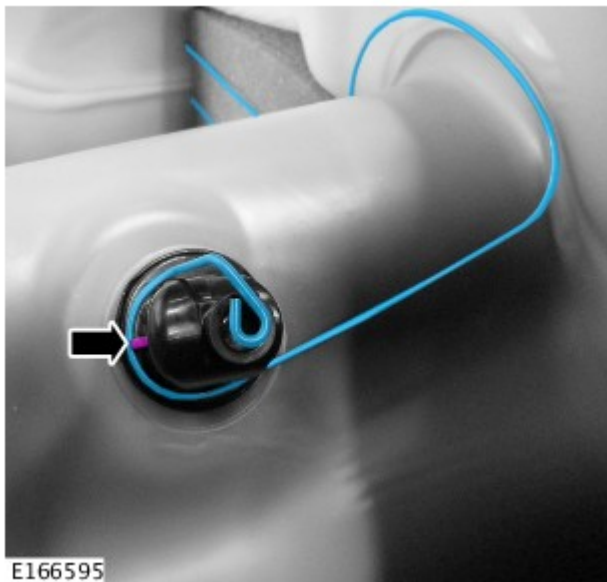
The foam baffle block should now be positioned as shown. If the block is not positioned as shown repeat steps 9 to 13 and inspect again.

15.



From the fuel tank baffle kit, install the retaining frame onto the foam baffle in the fuel tank.

16.



Install the retaining frame onto the tank, as shown in the illustration.

17. Install the passive side fuel level sender unit and carrier arm using the longer screw from the fuel tank baffle kit, (see TOPIx Workshop Manual section 310-01A - Fuel Level Sensor).

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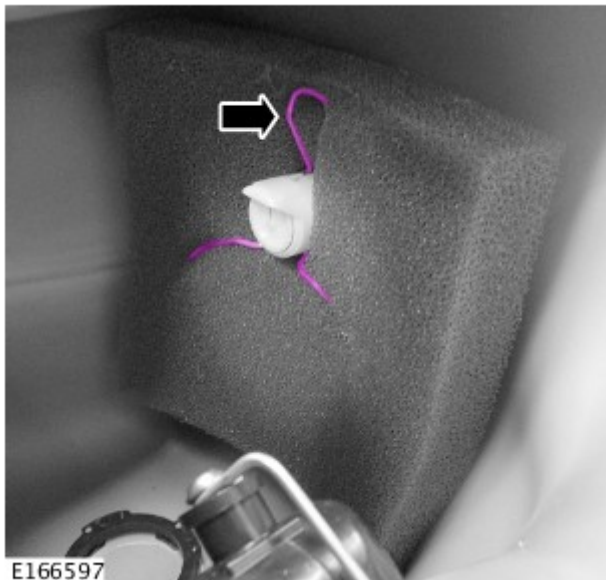
18.



Install the small foam baffle in the active side of the fuel tank.

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19.



Install the retaining frame onto the smaller foam baffle in the fuel tank.

20. Install the fuel pump and sensor unit, (see TOPIx Workshop Manual section 310-01A - Fuel Pump and Sensor Unit).

21. Install the fuel level sensor, (see TOPIx Workshop Manual section: 310-01A - Fuel Level Sensor).
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22. Install the fuel tank, (see TOPIx Workshop Manual section 310-01A - Fuel Tank).

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