

N039NAS1

TECHNICAL BULLETIN

28 JUL 2017



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NOTE: The information in Technical Bulletins is intended for use by trained, professional Technicians with the knowledge, tools, and equipment required to do the job properly and safely. It informs these Technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by 'do-it-yourselfers'. If you are not a Retailer, do not assume that a condition described affects your vehicle. Contact an authorized Land Rover service facility to determine whether this bulletin applies to a specific vehicle.

INFORMATION

SECTION:

309-00A: Exhaust System - TDV6 3.0L Diesel

SUBJECT/CONCERN:

Service Action: Engine Heatshield Fixings Loose

AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:	APPLICABILITY:
Range Rover Sport (LW)	2017	683510-684084	Solihull	TDV6 3.0L Diesel

MARKETS:

NORTH AMERICA

CONDITION SUMMARY:

SITUATION:

An issue has been identified on certain vehicles within the listed Affected Vehicle Range which may have been manufactured with engine heatshield fasteners not tightened to the correct torque value. In cases where fasteners are not to the correct torque value, a heatshield may: become loose, leading to an audible noise; or dislodge from its location and drop down onto the engine undershield. In an instance where the heatshield dislodges, any component within 150mm/6in that is not metallic or ceramic that would have been protected will be at risk of heat damage.

ACTION:

Retailers are required to **HOLD** affected new vehicles that are within your control and refrain from releasing the vehicles for **new vehicle sale** pending completion of the Workshop Procedure detailed in this Technical Bulletin. Unsold vehicles should have this performed as part of the Pre-Delivery Inspection (PDI) process but **must** have it completed prior to vehicle handover to the customer.

Affected vehicles already in the hands of customers should be updated at the next available opportunity.

PARTS:

No parts required.

SPECIAL TOOLS:

Refer to TOPIx Workshop Manual/Workshop Procedure for any required special tools.

WARRANTY:

NOTE:

Check DDW to ensure that a vehicle is affected by this program prior to undertaking any rework action.

At the time of confirming a booking for vehicle repair, ensure that **all** outstanding Recall and Service Actions are identified to ensure the correct parts are available and adequate workshop time is allocated for repairs to be completed at one visit.

Warranty claims must be submitted quoting the Program Code together with the relevant Option Code. The SRO and parts information is included for information only. The Option Code(s) that allows for the drive in/drive out allowance can only be claimed if the vehicle is brought back into the workshop for this action alone to be undertaken.

Repair procedures are under constant review and therefore times / prices are subject to change; those quoted here must be taken as guidance only. Refer to TOPIx to obtain the latest repair time.

This program is valid for a limited time only. Warranty claims with a repair date prior to the **30 June 2019** closure date must be submitted or payment within 30 calendar days of completion of the repair.

PROGRAM CODE	OPTION CODE	DESCRIPTION	SRO	TIME (HOURS)	PARTS/SUNDRY CODE	QTY./VALUE
N039	B	Torque heatshield fasteners	05.10.40	0.4	-	-
N039	C	Torque heatshield fasteners Drive in/drive out	05.10.40 02.02.02	0.4 0.2	- -	- -

Normal Warranty policies and procedures apply.

WORKSHOP PROCEDURE:

CAUTION:

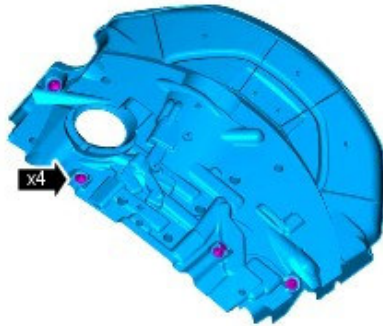
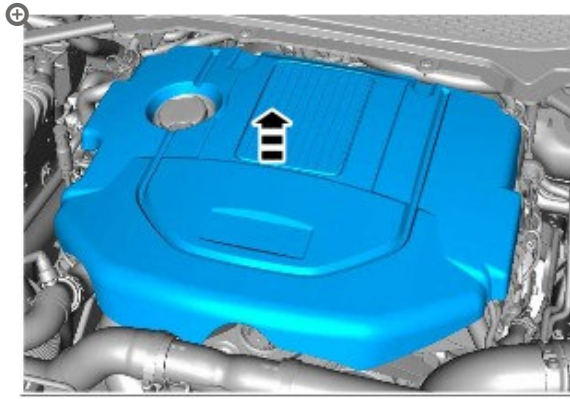
Observe due care when working near a hot exhaust system.

NOTE:

Some components are shown removed for clarity.

1 Open the hood.

2



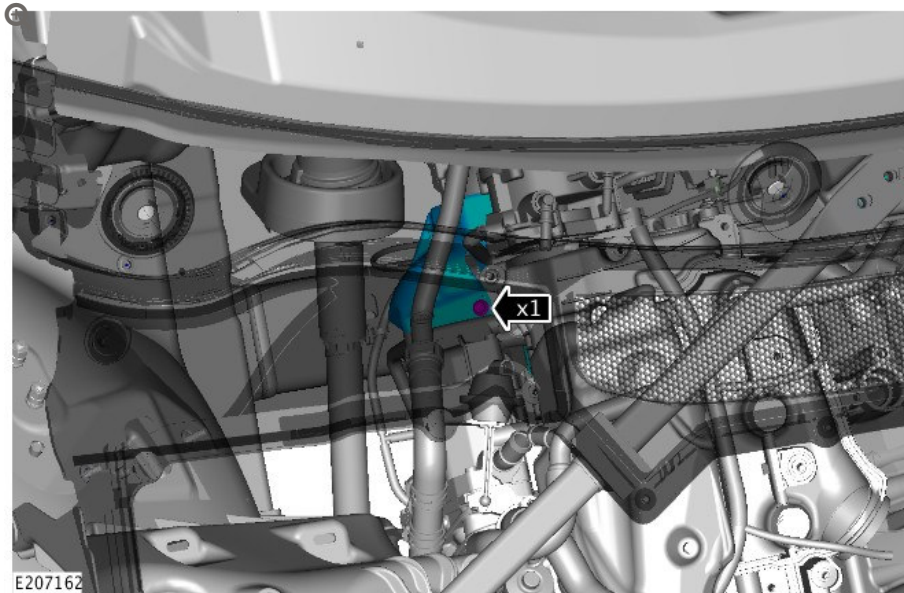
E142106

Remove the engine cover (see TOPIx Workshop Manual section 501-05: Interior Trim and Ornamentation - Engine Cover - TDV6 3.0L Diesel).

3

NOTE:

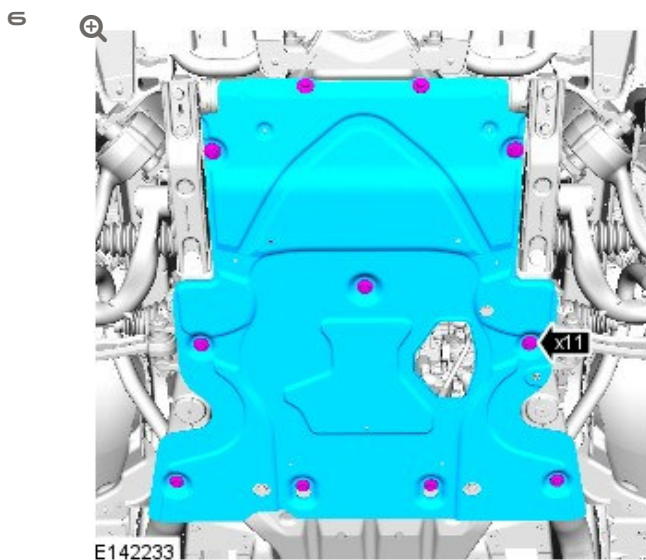
The cowl panel is shown semi-transparent as a direct line of sight from above is not possible.



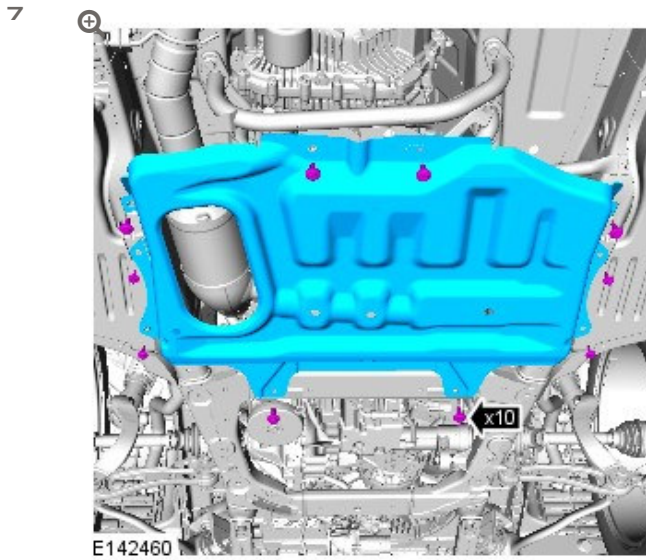
Tighten the heatshield fastener.

- Torque: **10 Nm**

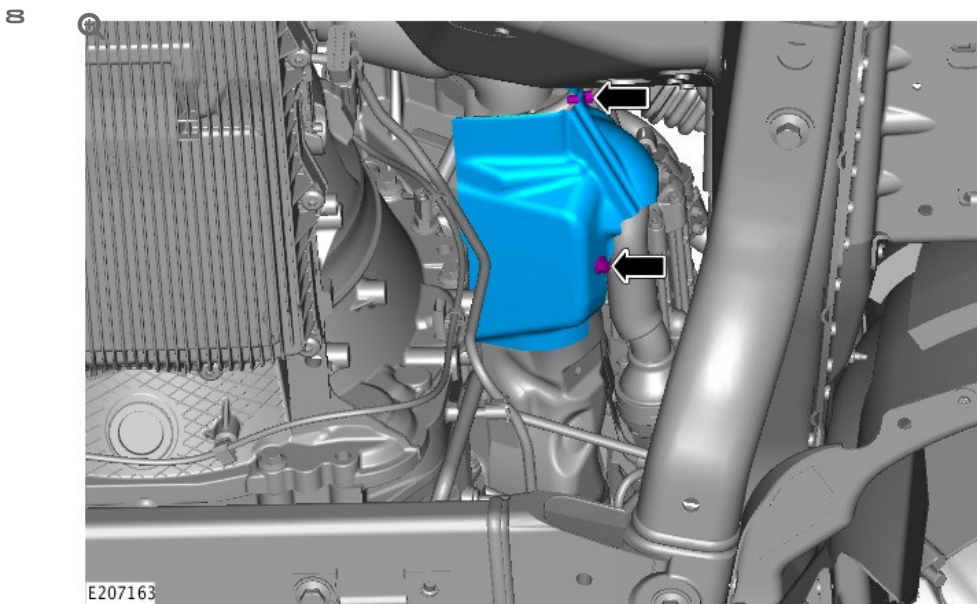
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- 4 Install the engine cover (see TOPIx Workshop Manual section 501-05: Interior Trim and Ornamentation - Engine Cover - TDV6 3.0L Diesel).
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- 5 Raise and support the vehicle (see TOPIx Workshop Manual section 100-02: Jacking and Lifting).
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Remove the engine undershield.



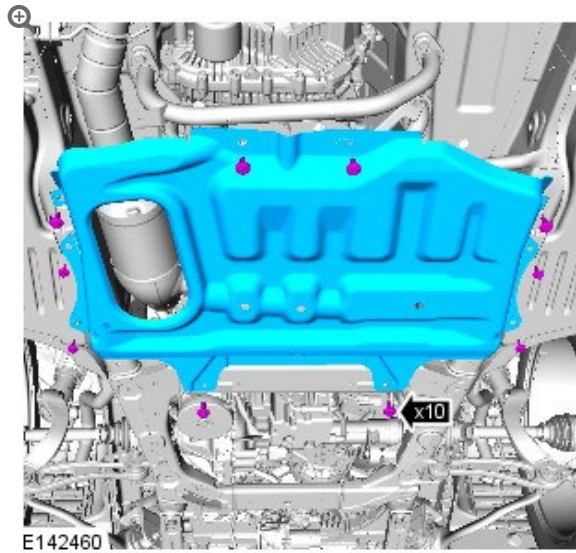
Remove the transmission undershield.



Tighten the 2 heatshield fasteners.

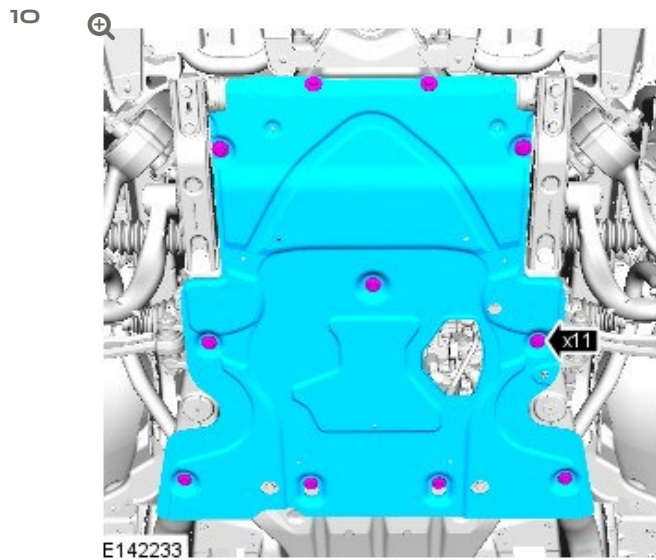
- Torque: **10 Nm**

9



Install the transmission undershield.

- Torque:
 - M10: **60 Nm**
 - M6: **10 Nm**



Install the engine undershield.

- Torque: **60 Nm**

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- 11 Lower the vehicle (see TOPIx Workshop Manual section100-02: Jacking and Lifting).

12 Close the hood.