

LTB01091NAS4

# TECHNICAL BULLETIN

28 JAN 2019

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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.

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This reissue replaces all previous versions. Please destroy all previous versions.

SECTION:

307-05

SUBJECT/CONCERN:

Transmission Heatshield Mounting Bracket Cracked

AFFECTED VEHICLE RANGE:

MODEL: MODEL VIN: ASSEMBLY PLANT: APPLICABILITY:

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:	APPLICABILITY:
Discovery (LR)	2017 Onwards	000127 Onwards	Solihull	V6 S/C 3.0L Petrol
Discovery (LR)	2019 Onwards	400488 Onwards	Nitra (Slovakia)	V6 S/C 3.0L Petrol
Range Rover Sport (LW)	2014 Onwards	000002 Onwards	Solihull	V6 S/C 3.0L Petrol /V8 S/C 5.0L Petrol
Range Rover (LG)	2013 Onwards	000010 Onwards	Solihull	V6 S/C 3.0L Petrol /V8 N/A 5.0L Petrol/V8 S/C 5.0L Petrol

#### MARKETS:

#### **NORTH AMERICA**

### CONDITION SUMMARY:

#### SITUATION:

A rattle/vibration noise may be evident from under the vehicle when driving on an uneven road surface.

#### CAUSE:

This may be caused by the transmission heatshield bracket being cracked at the mounting point.

#### ACTION:

Should a customer express this concern, follow the Workshop Procedure below.

### PARTS:



### △ NOTE:

2017-18MY vehicles with V6 3.0L S/C Petrol; 2018MY vehicles with V8 5.0L S/C Petrol - only Transmission heatshield (LR106479) is required.

PART NUMBER	DESCRIPTION	QUANTITY		
LR106479	Transmission heatshield	1		
FS106126	Bolt(s) - M6	1		
TYC500140	Clip(s)	2		
FN106046	Nut(s) - M6	1		
LR110225	Stud bolt(s) - M6xM5	1		
LR110224	Plastic fixing	1		

### TOOLS:

Refer to Workshop Manual for any required special tools.

### 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
Transmission heatshield - Modification - 2013-16MY V6 3.0L S/C Petrol	44.90.89.41	0.5	01	LR073535
Transmission heatshield - Modification - 2017MY-onwards V6 3.0L S/C Petrol	44.90.89.41	0.4	01	LR073535
Transmission heatshield - Modification - V8 5.0L S/C Petrol	44.90.89.41	0.5	01	LR073535



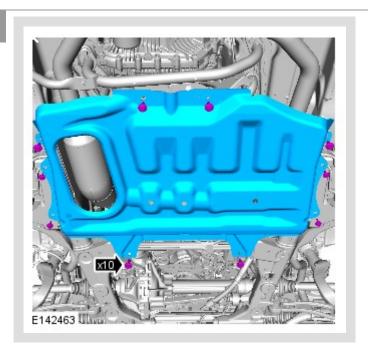
#### ∧ NOTE:

Normal Warranty procedures apply.

#### WORKSHOP PROCEDURE

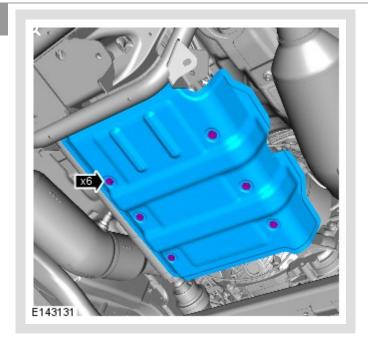
Raise and support the vehicle (see TOPIx Workshop Manual section 100-02: Jacking and lifting - Lifting).

2



Remove the transmission undershield.

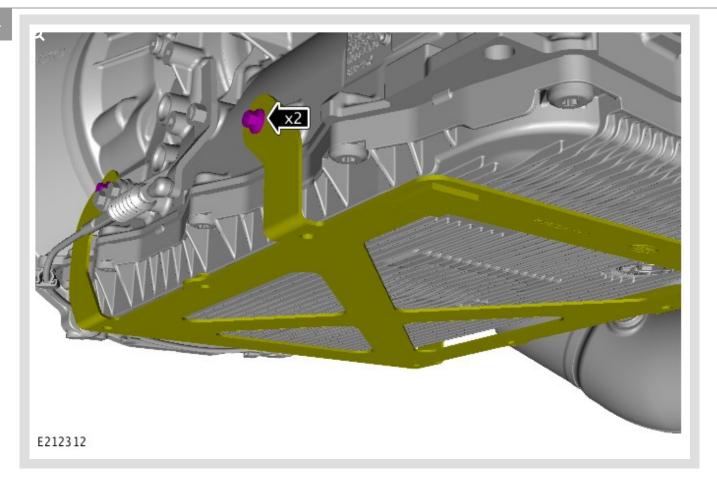
3



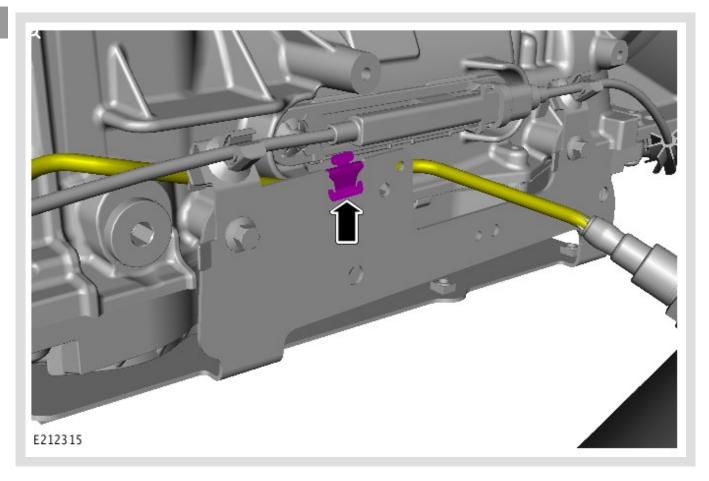
Remove the transmission heatshield retaining bolt(s).

- Retain 2 of the bolt(s); discard the remaining 4 bolt(s).
- Remove and discard the transmission heatshield.

4



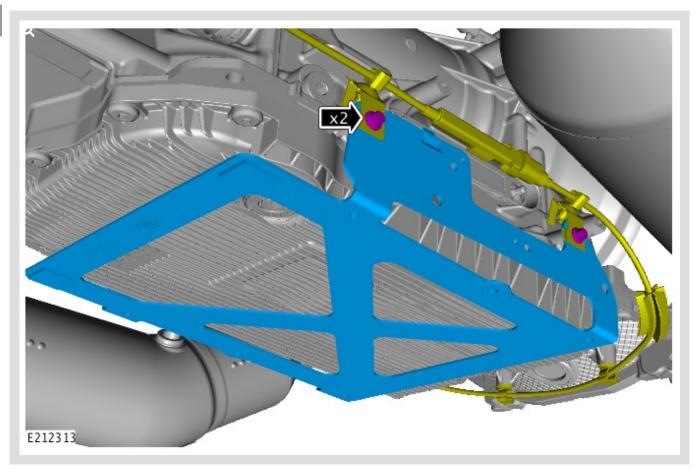
Remove the 2 transmission heatshield mounting bracket retaining bolt(s).



Release the Heated Oxygen Sensor (HO2S) electrical wiring harness from the retaining clip(s).

- 1 All 2017-18MY vehicles with V6 3.0L S/C Petrol; 2018MY vehicles with V8 5.0L S/C Petrol: after all tasks are finished, go to Step 13.
- 2 All except 2017-18MY vehicles with V6 3.0L S/C Petrol; 2018MY vehicles with V85.0L S/C Petrol: after all tasks are finished, go to Step 6.





Remove the transmission heatshield mounting bracket retaining bolt(s).

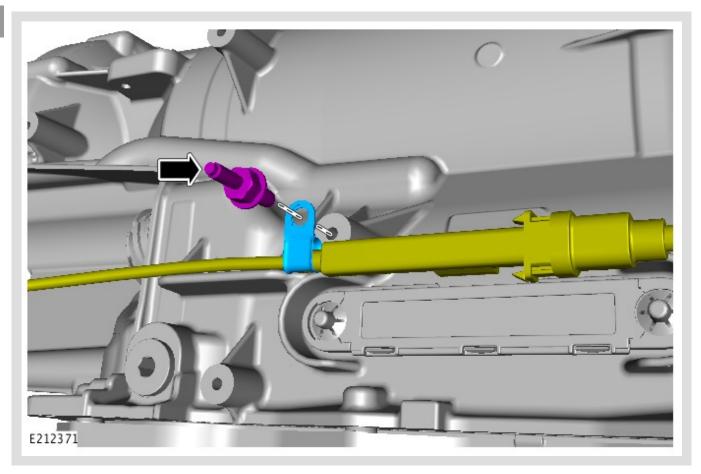
- Position the EPB (Electric Park Brake) cable to the side.
- Remove and discard the transmission heatshield mounting bracket.





Remove and discard the  $\underline{\mathtt{EPB}}$  cable rear mounting bracket.

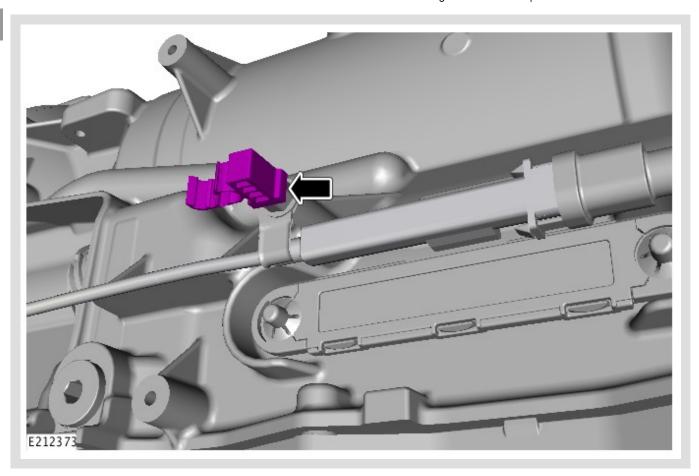




Install the <u>EPB</u> cable.

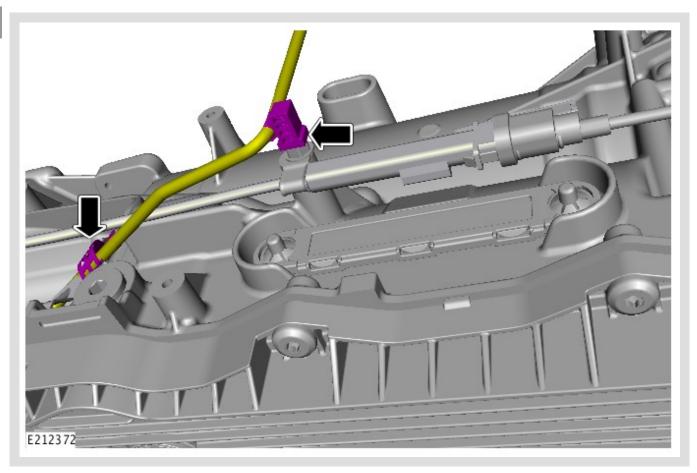
■ Torque: 9 Nm.



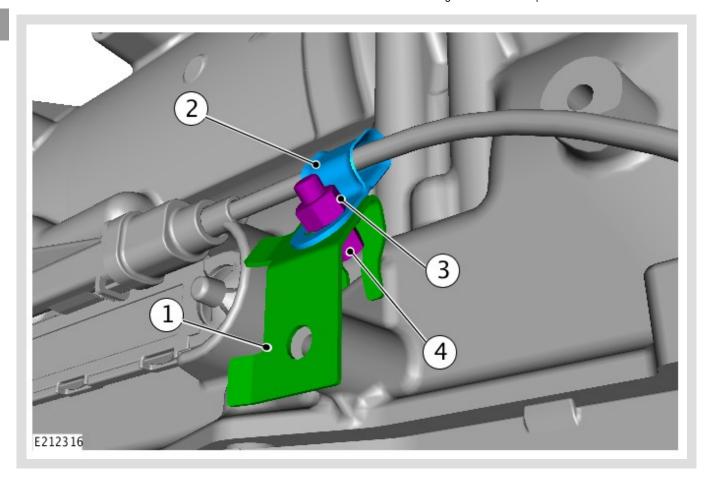


Install the HO2S electrical wiring harness retaining clip(s).





Install the HO2S electrical wiring harness.



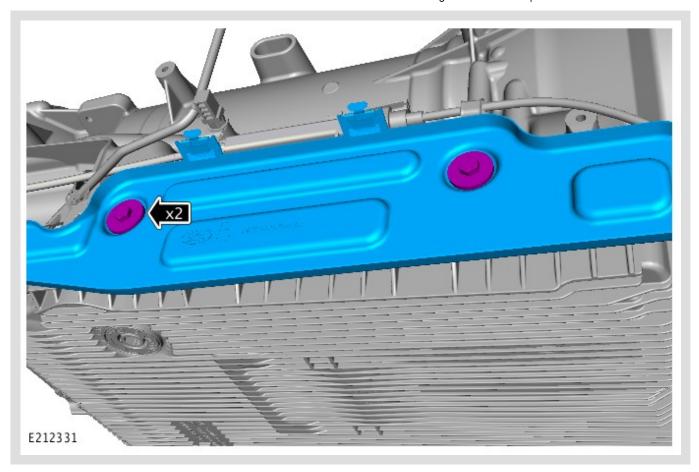
Install the EPB cable mounting bracket as shown:

- 1 Mounting bracket
- 2 P-clip
- **3** M6 nut(s)
- **4** M6 bolt(s)
  - Torque: 9 Nm.

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# △ NOTE:

Install the transmission heatshield using the retaining bolt(s) removed in Step 3.



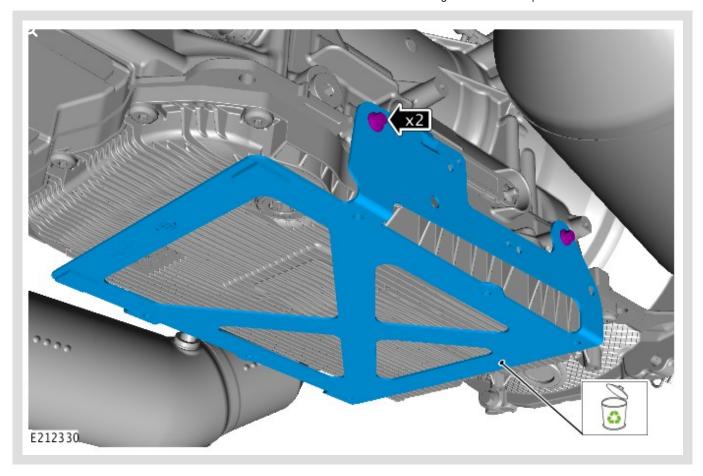
Install the transmission heatshield

■ Torque: 9 Nm.

13

# △ NOTE:

2017-18MY V6 3.0L S/C Petrol, 2018MY V8 5.0L S/C Petrol only.



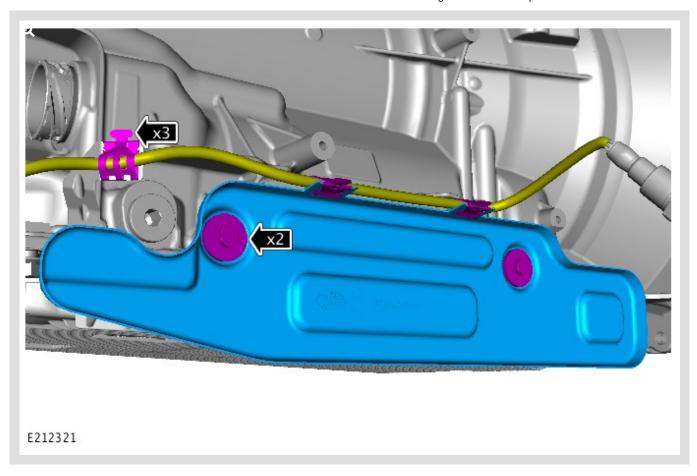
Remove the transmission heatshield mounting bracket retaining bolt(s).

1 Remove and discard the transmission heatshield mounting bracket.

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## △ NOTES:

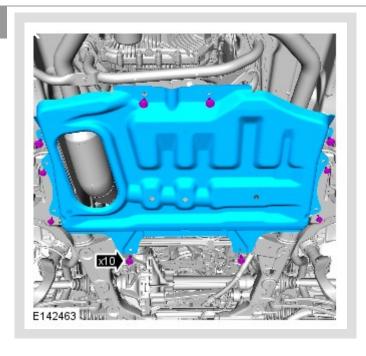
- 2017-18MY V6 3.0L S/C Petrol, 2018MY V8 5.0L S/C Petrol only.
- Install the transmission heatshield using the 2 bolt(s) retained in Step 3.



Install the transmission heatshield.

- 1 Install the HO2S electrical wiring harness.
  - Torque: 9 Nm.





Install the transmission undershield.

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

Lower the vehicle (see TOPIx Workshop Manual section 100-02: Jacking and lifting - Lifting).