



SERVICE ACTION

Global Service Action
Number: N770

Subject: Transmission Bell Housing Bolt - Torque Check	Publication No.: N770
	Model: Range Rover (LK)
	Model Year: 2023
	Model: Range Rover Sport (L1)
	Model Year: 2023
	Date of Issue: 21 February 2023
	Expiry Date: 28 February 2025

To:	All National Sales Companies (NSCs), importers, retailers and authorized repairers.
For the Attention of:	The approved Jaguar Land Rover (JLR) retailer/authorized repairer.
Important:	<p>NOTE: The information in this campaign is intended for use by professional technicians. If you are not a JLR retailer/authorized repairer, do not assume that a condition described affects a specific vehicle. Contact an authorized JLR retailer/authorized repairer to determine if this campaign applies to a specific vehicle.</p> <p>This campaign has been issued to provide the relevant repair instructions, parts and warranty information. This campaign is valid for two years only. Repairs must be completed prior to the expiry date at the top of this campaign.</p>

FOR THE ATTENTION OF ALL:

DESCRIPTION OF ISSUE

A potential concern has been identified on specific vehicles within the above vehicle range.

On certain 2023 model year Range Rover and Range Rover Sport vehicles, the transmission bell housing bolts may not have been tightened to the correct torque specification.

ACTION TO BE TAKEN

At the next opportunity, you are requested to repair the vehicle.

Check the JLR Warranty Portal to make sure affected vehicles are correctly identified prior to starting this campaign. The Warranty Portal will be updated to reflect only those vehicles affected.

An owner may indicate that a repair has already been completed for this concern, in which case the full cost of the repair should be reimbursed. Refer to the warranty section of this campaign for details of the Customer Reimbursement and Related Damage Process. At the time of confirming a booking for a vehicle repair, make sure you check the Warranty Portal to confirm if there are any other outstanding campaigns, to make sure the correct parts are available and adequate workshop time is allocated for repairs to be completed in one visit.

FOR THE ATTENTION OF NORTH AMERICAN TERRITORIES ONLY:

Visit the British Brands Sales Suite (BBSS) website for a list of affected vehicles at your retailer/authorized repairer. Unsold vehicles must be repaired prior to handover of the vehicle for retail sale.

Yours faithfully

Steve Oldham

Global Customer Care Quality Director

SERVICE INSTRUCTION - N770

SROs

Description	SRO	Time
N770 - Transmission bell housing bolt - Torque check - Ingenium I6 3.0L Diesel	05.11.10	1.0
N770 - Transmission bell housing bolt - Torque check - Ingenium I6 3.0L Petrol	05.11.11	1.1
Drive in/drive out	02.02.02	0.2

NOTE:

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

Warranty Information

Warranty claims should be submitted quoting program code N770 with the relevant option code from the table below. As option codes are used there is no requirement for you to enter SROs or parts, these are included for information only.

Program Code	Option	Description	SRO
N770	A	N770 - Transmission bell housing bolt - Torque check - Ingenium I6 3.0L Diesel	05.11.10
N770	B	N770 - Transmission bell housing bolt - Torque check - Ingenium I6 3.0L Diesel Drive in/drive out	05.11.10 02.02.02
N770	C	N770 - Transmission bell housing bolt - Torque check - Ingenium I6 3.0L Petrol	05.11.11
N770	D	N770 - Transmission bell housing bolt - Torque check - Ingenium I6 3.0L Petrol Drive in/drive out	05.11.11 02.02.02

NOTE:

The option that contains the drive in/drive out allowance may only be claimed when the vehicle has been brought back into the workshop for this action alone to be undertaken.

Warranty claims should be submitted in accordance with the current [Jaguar Land Rover \(JLR\) Global Warranty Manual](#), and its amendments, unless stated otherwise in this bulletin.

Customer Reimbursement and Related Damage Process

NOTE:

If there is a requirement to claim for related/consequential damage or customer reimbursement, refer to the related instruction that can be found in TOPIx (in the Search box, search for 'Related Damage Claim' and open the related bulletin link).

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SERVICE INSTRUCTION - INGENIUM I6 3.0L DIESEL

NOTES:

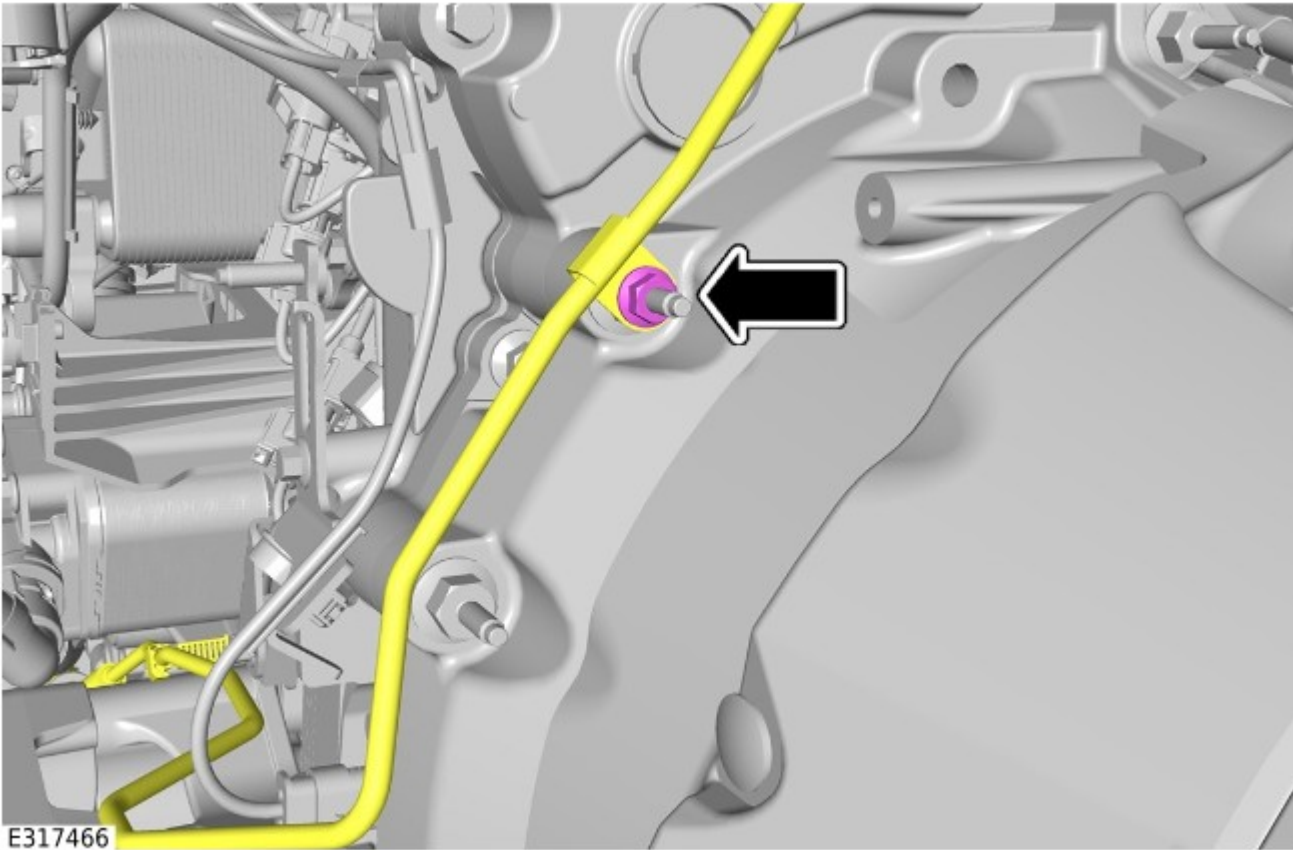
- Some components shown removed for clarity.
- Some variation in the illustrations may occur, but the essential information is always correct.

1. Remove the transmission undershield (see TOPIx Workshop Manual section 501-02: Front End Body Panels - Removal and Installation - Transmission Undershield).

2. Reposition the front differential breather pipe to access the transmission bell housing bolt.

Remove the nut.

Torque: **22 Nm**

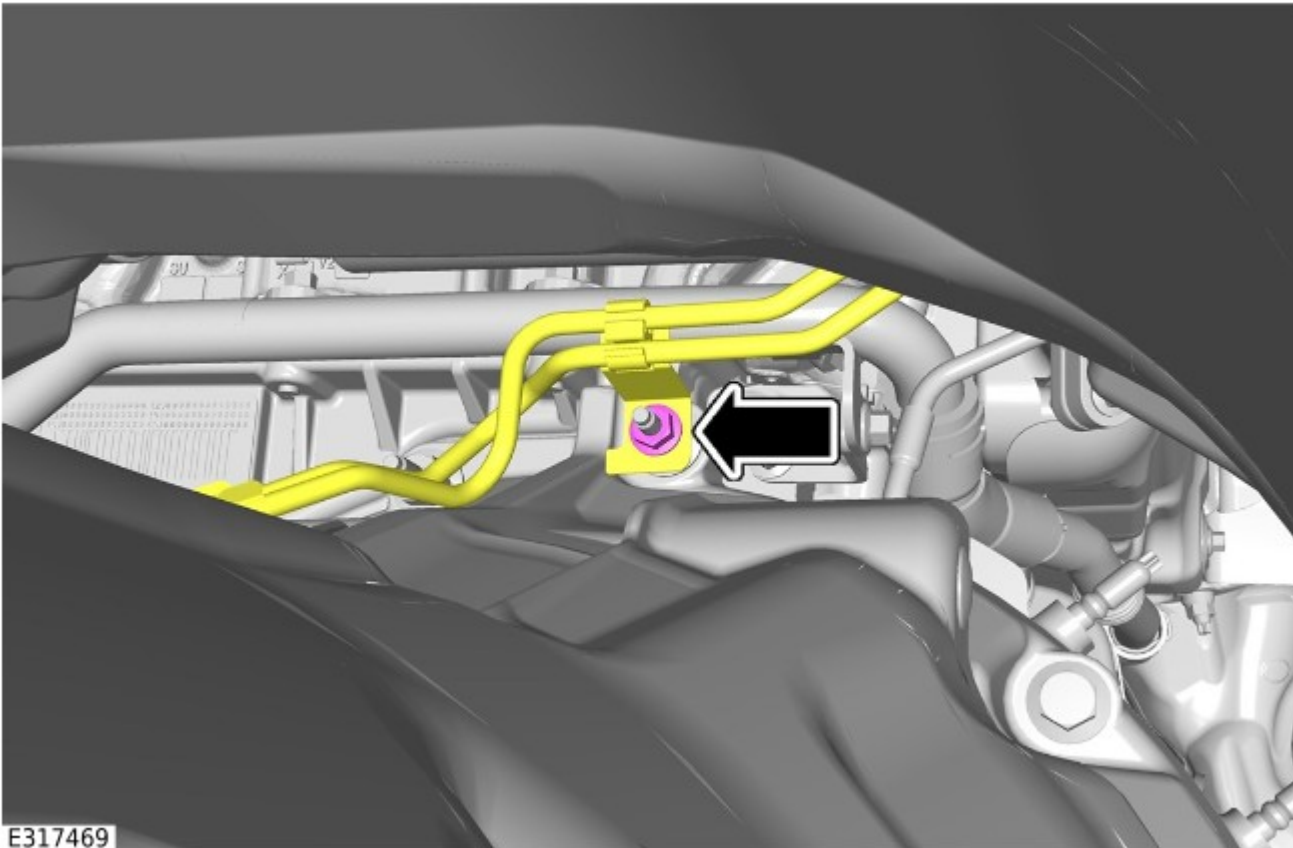


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3. Reposition the transmission breather pipes to access the transmission bell housing bolt.

Using a suitable extension and universal joint, remove the nut.

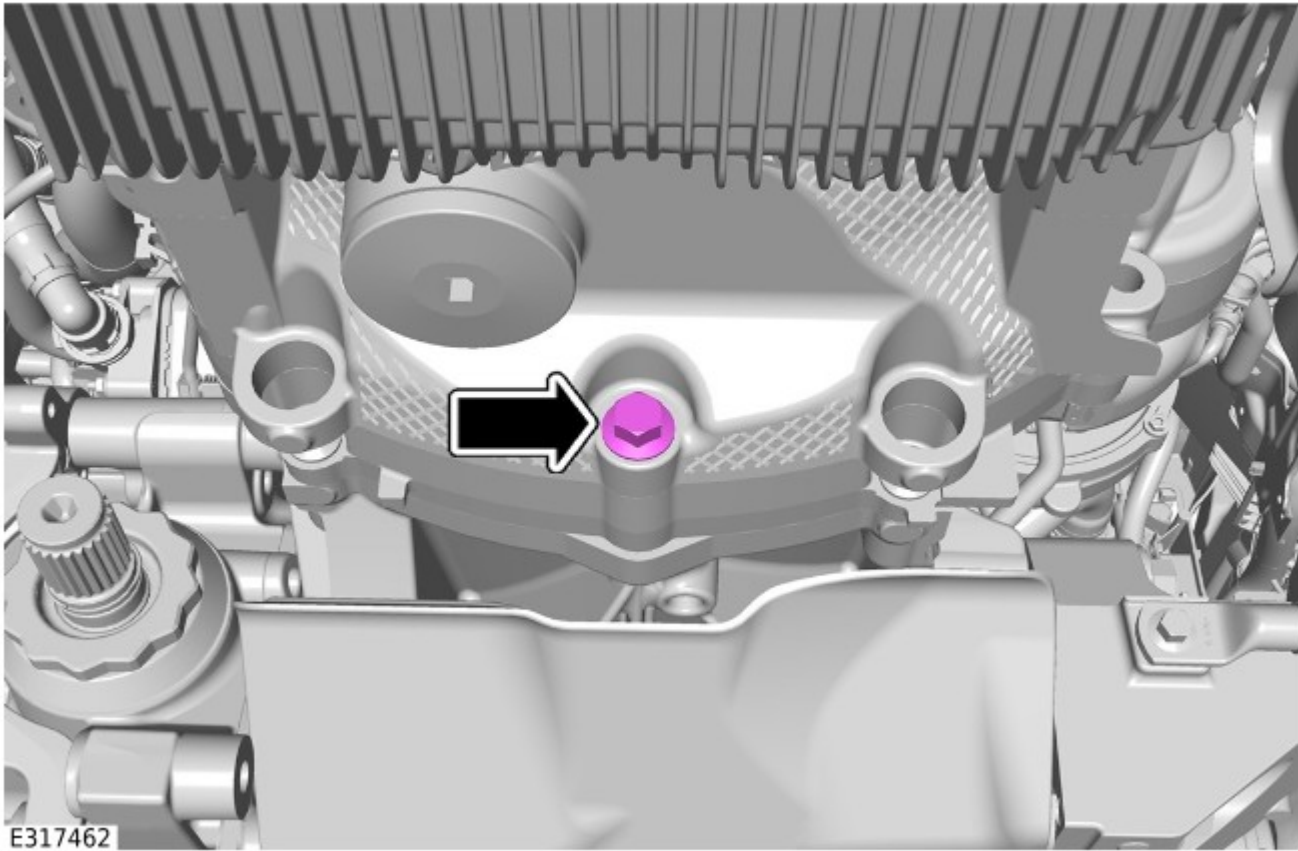
Torque: **22 Nm**



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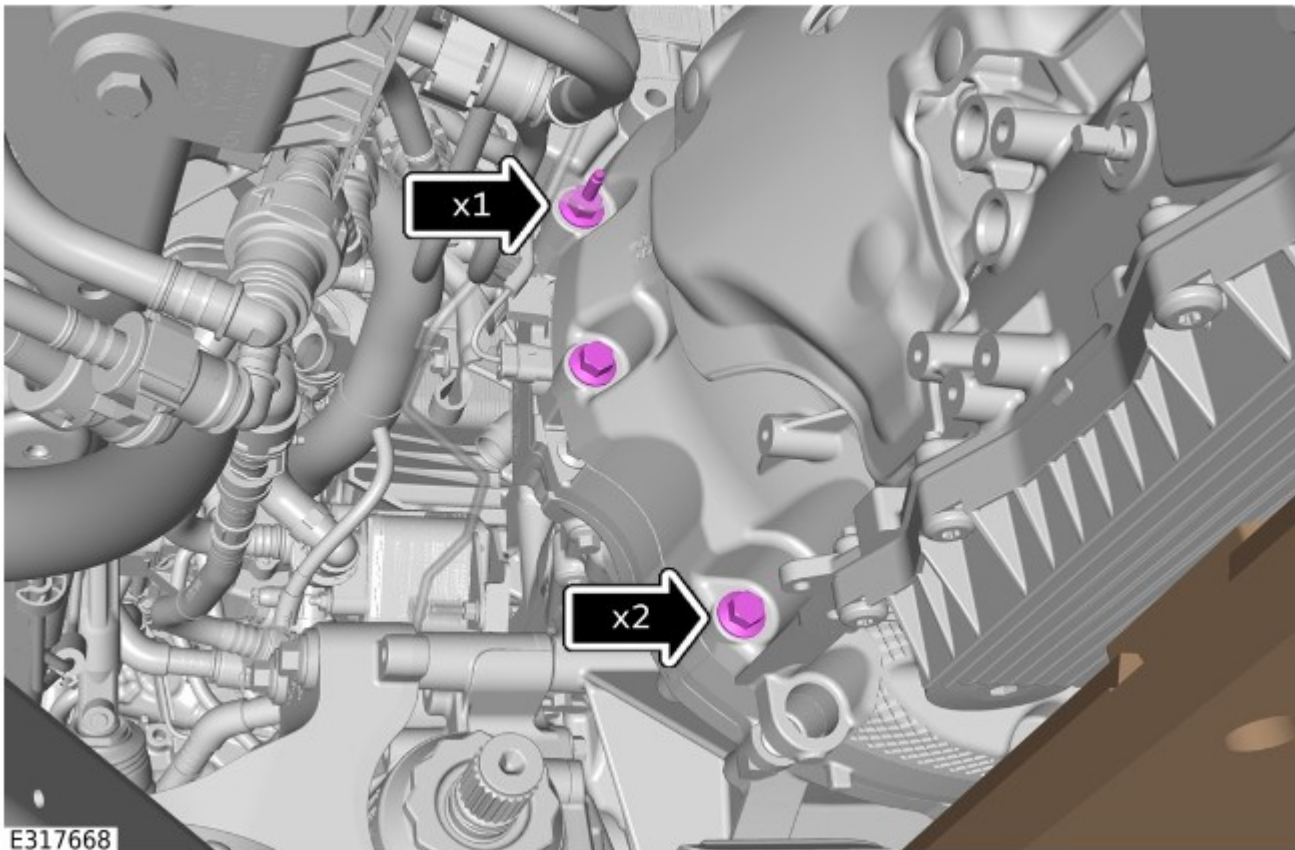
4. Tighten the transmission bell housing bolt.

Torque: **40 Nm**



5. Tighten the 3 transmission bell housing bolts.

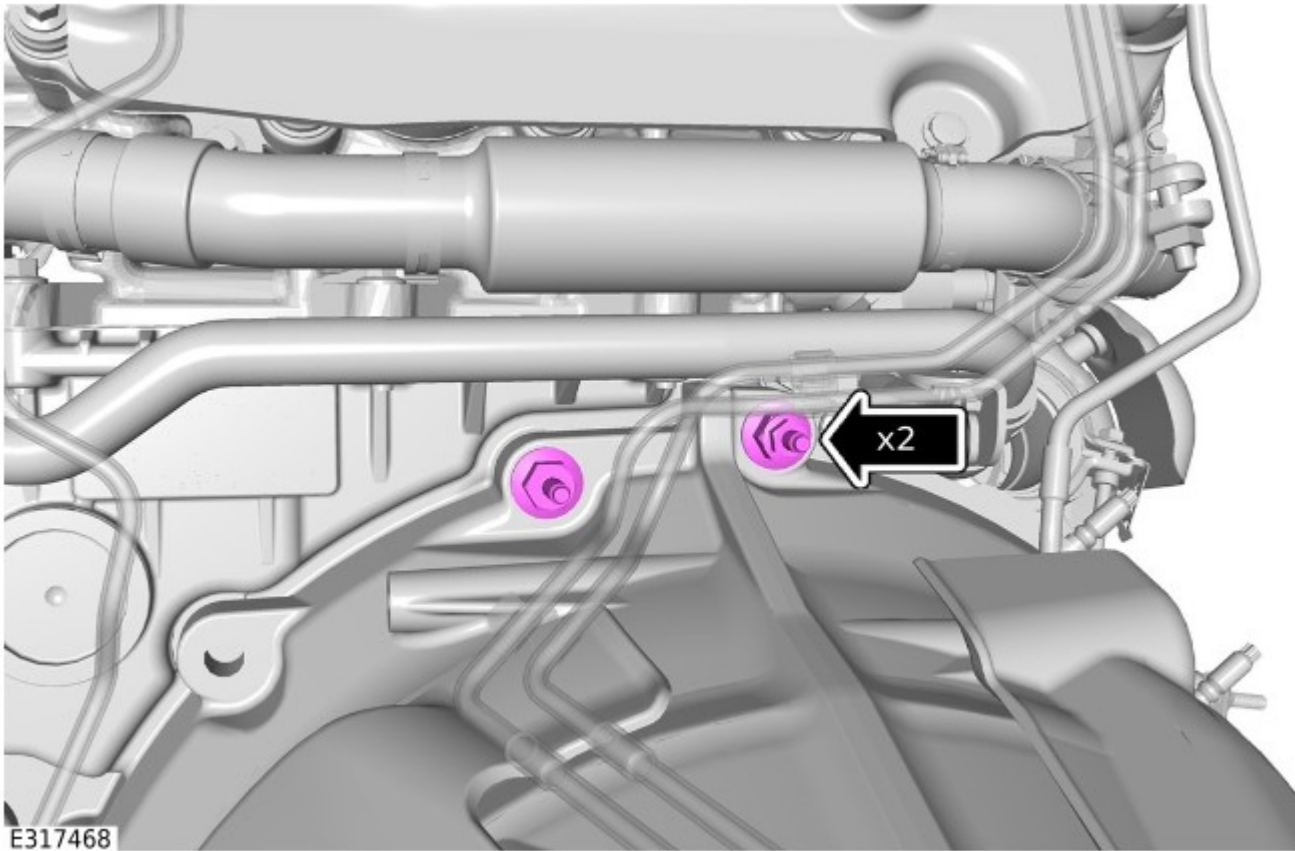
Torque: 40 Nm



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6. Using a suitable extension and universal joint, tighten the 2 transmission bell housing bolts.

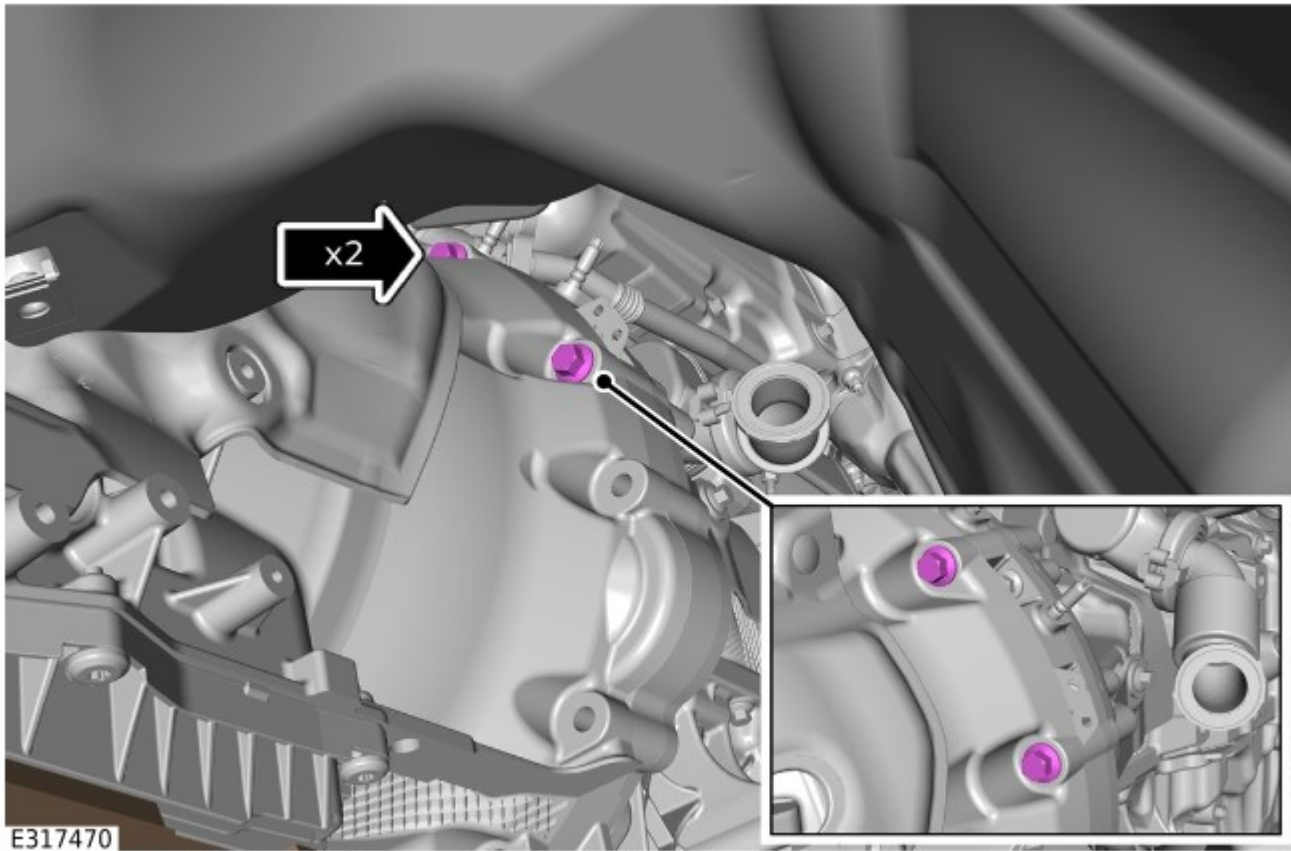
Torque: **40 Nm**



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7. Using a suitable extension and universal joint, tighten the 2 transmission bell housing bolts.

Torque: **40 Nm**



8. Reverse steps 1 to 3.

SERVICE INSTRUCTION - INGENIUM I6 3.0L PETROL

NOTES:

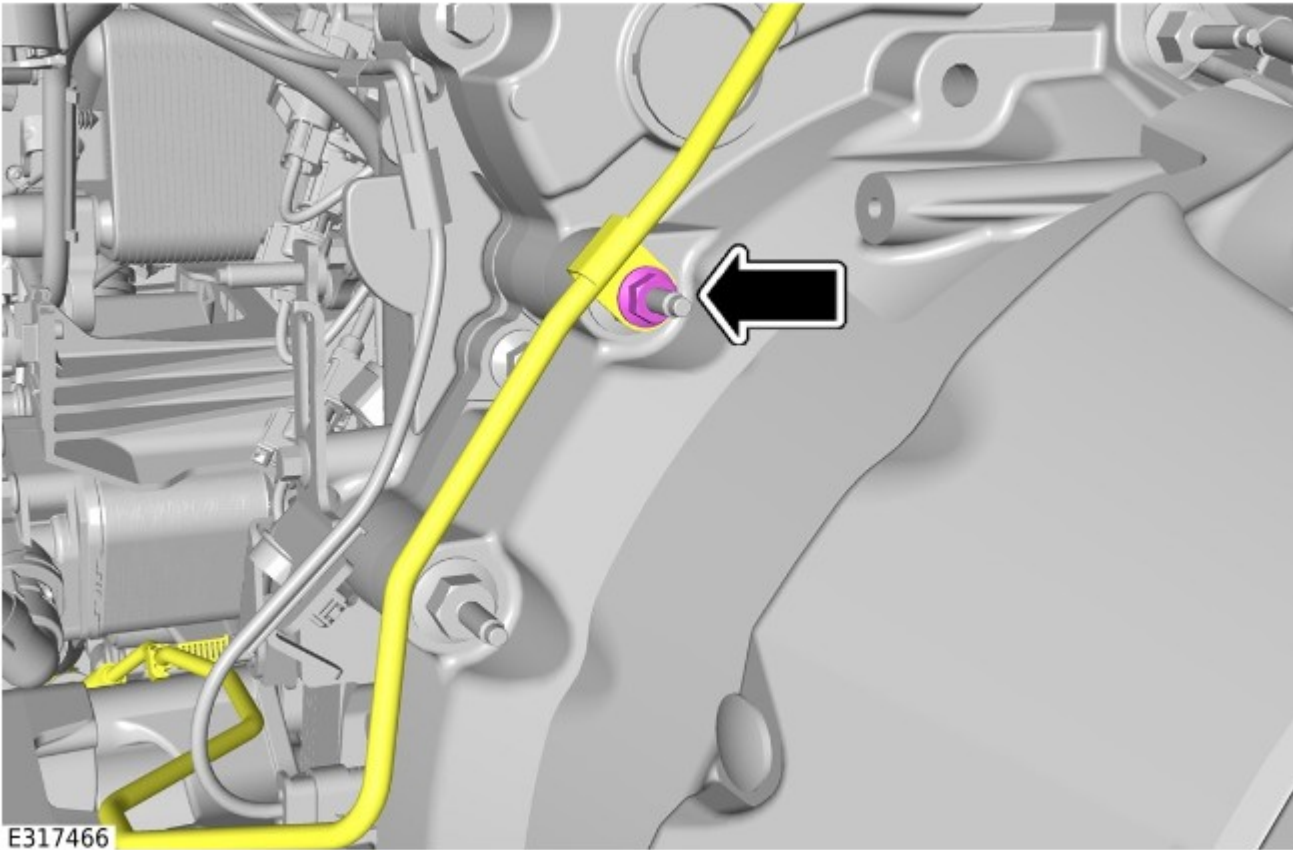
- Some components shown removed for clarity.
- Some variation in the illustrations may occur, but the essential information is always correct.

1. Remove the transmission undershield (see TOPlx Workshop Manual section 501-02: Front End Body Panels - Removal and Installation - Transmission Undershield).

2. Reposition the front differential breather pipe to access the transmission bell housing bolt.

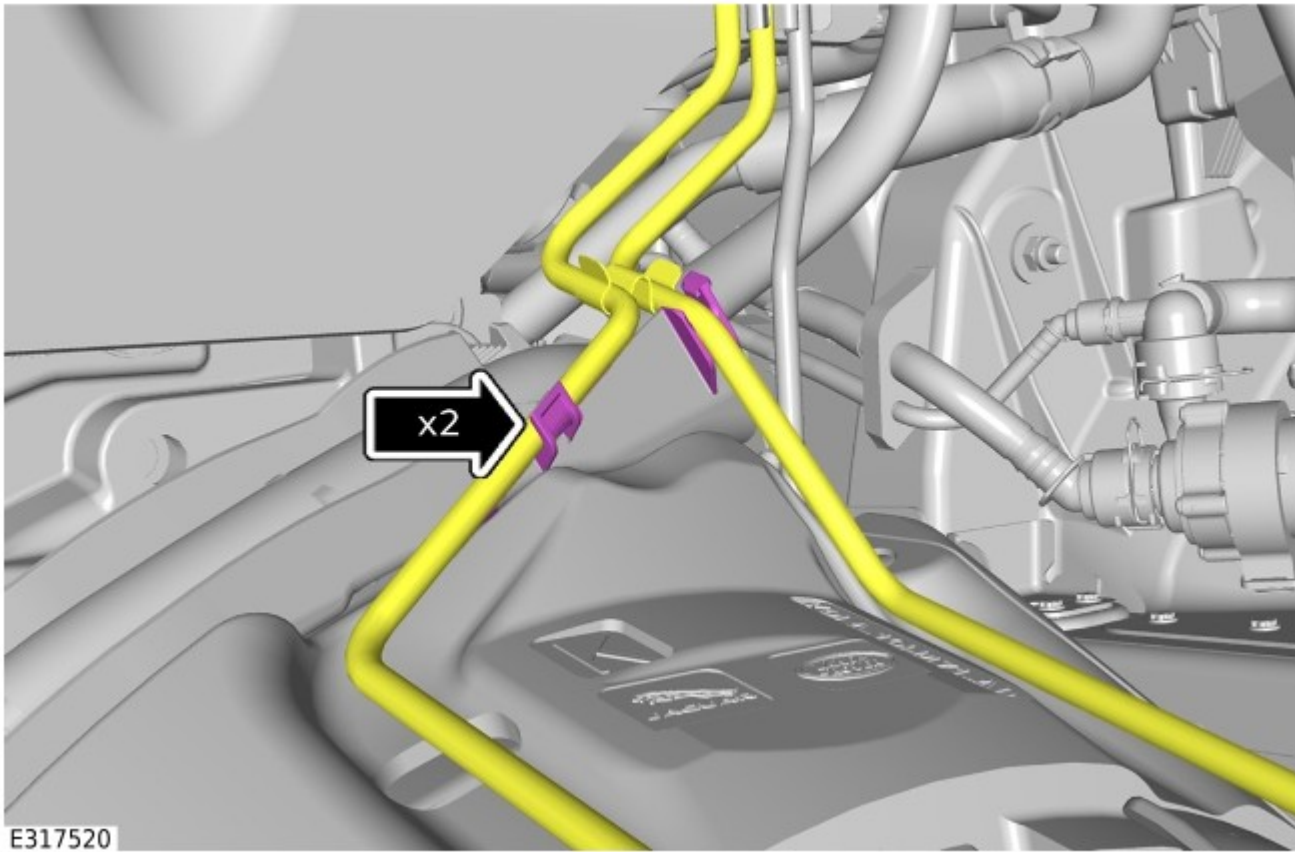
Remove the nut.

Torque: **22 Nm**



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3. Release the 2 transmission breather pipes from the [Mild Hybrid Electric Vehicle \(MHEV\)](#) cable bracket.



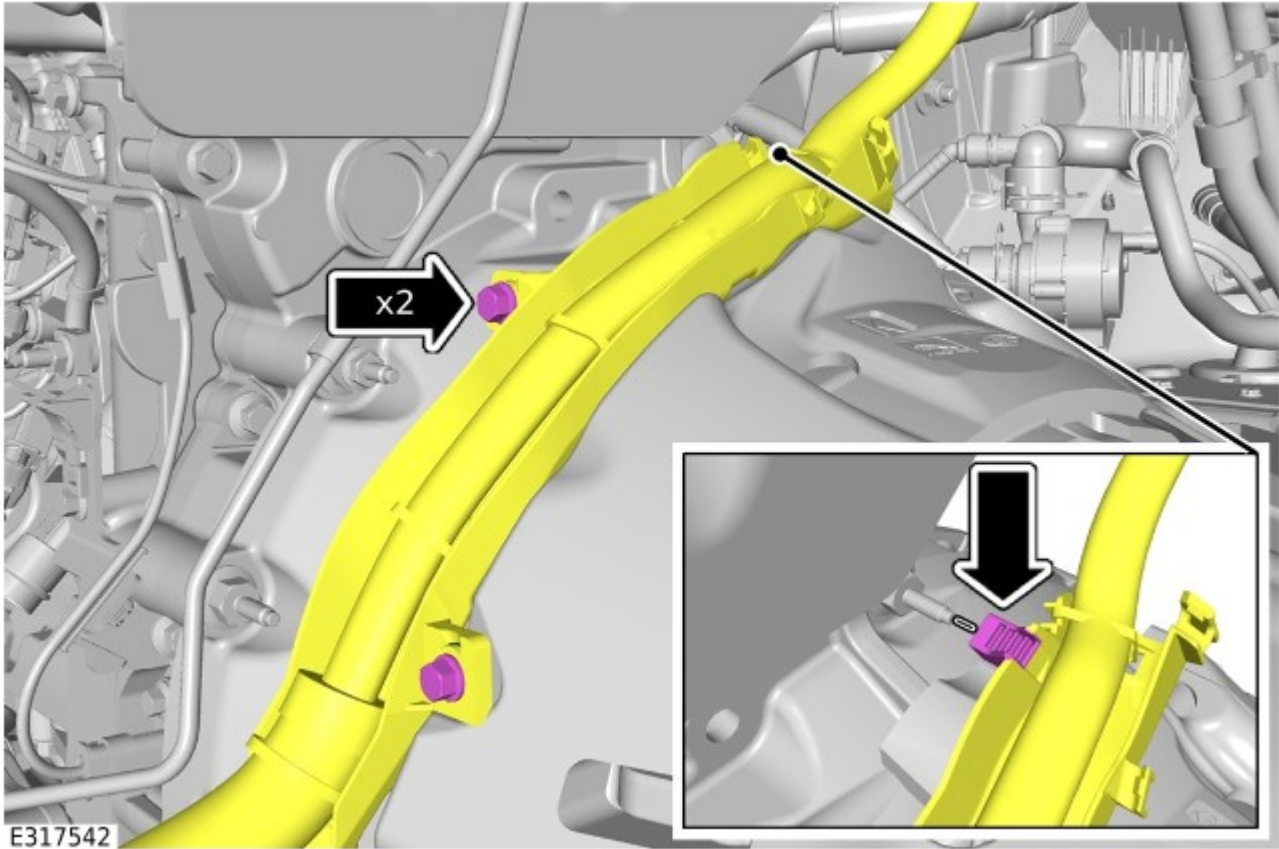
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4. Reposition the [MHEV](#) cable to access the transmission bolts.

Remove the 2 bolts.

Torque: **10 Nm**

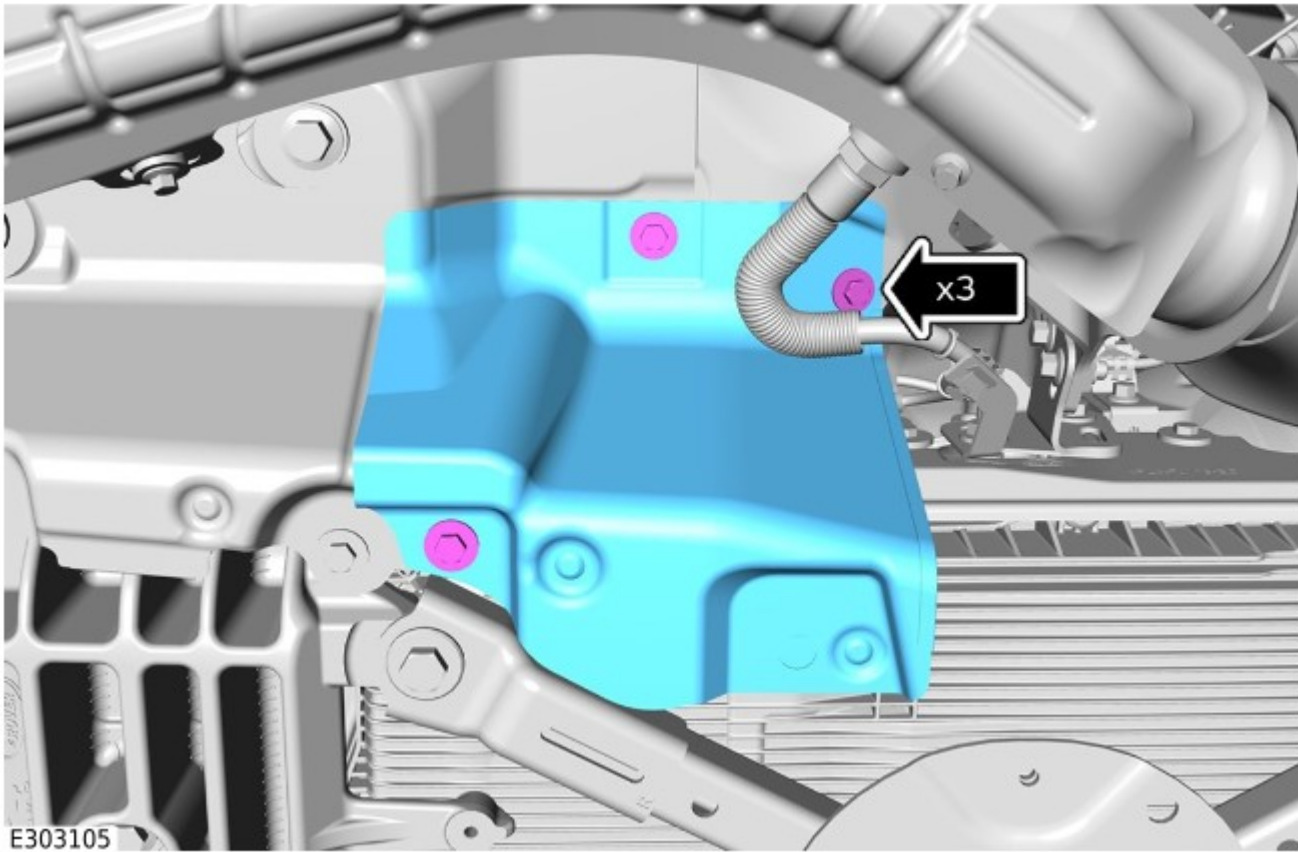
Release the clip from the transmission bell housing bolt.



5. Remove the exhaust heatshield.

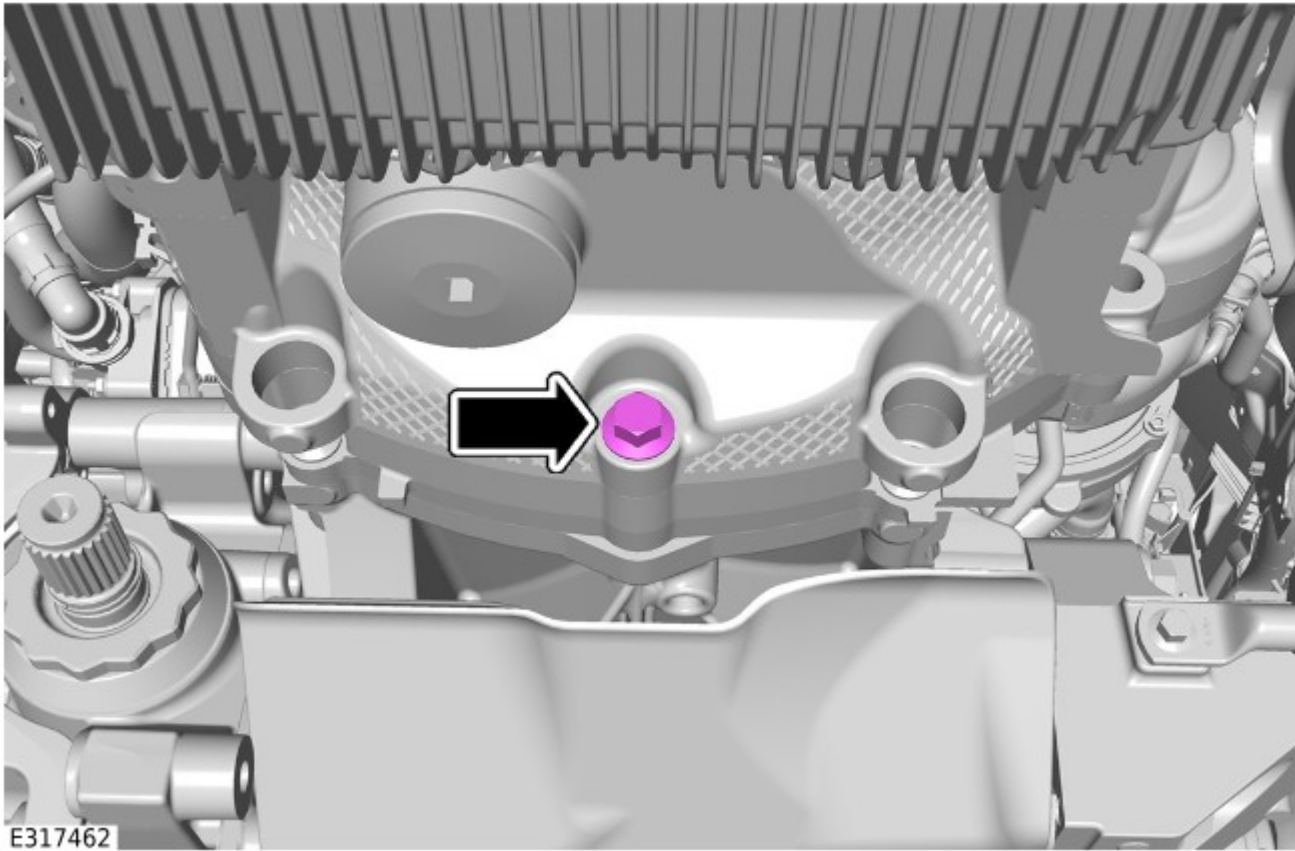
Remove the 3 bolts.

Torque: 5 Nm



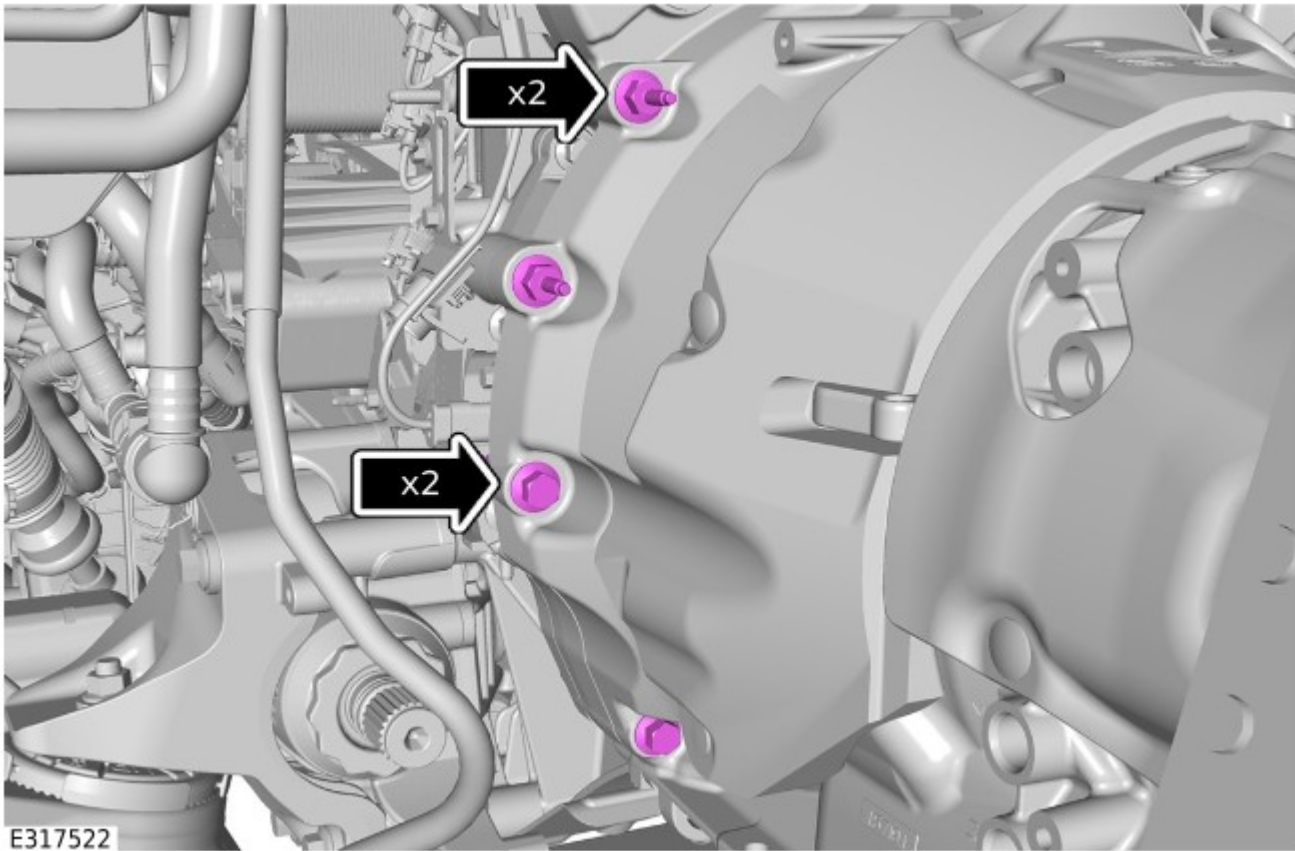
6. Tighten the transmission bell housing bolt.

Torque: **40 Nm**



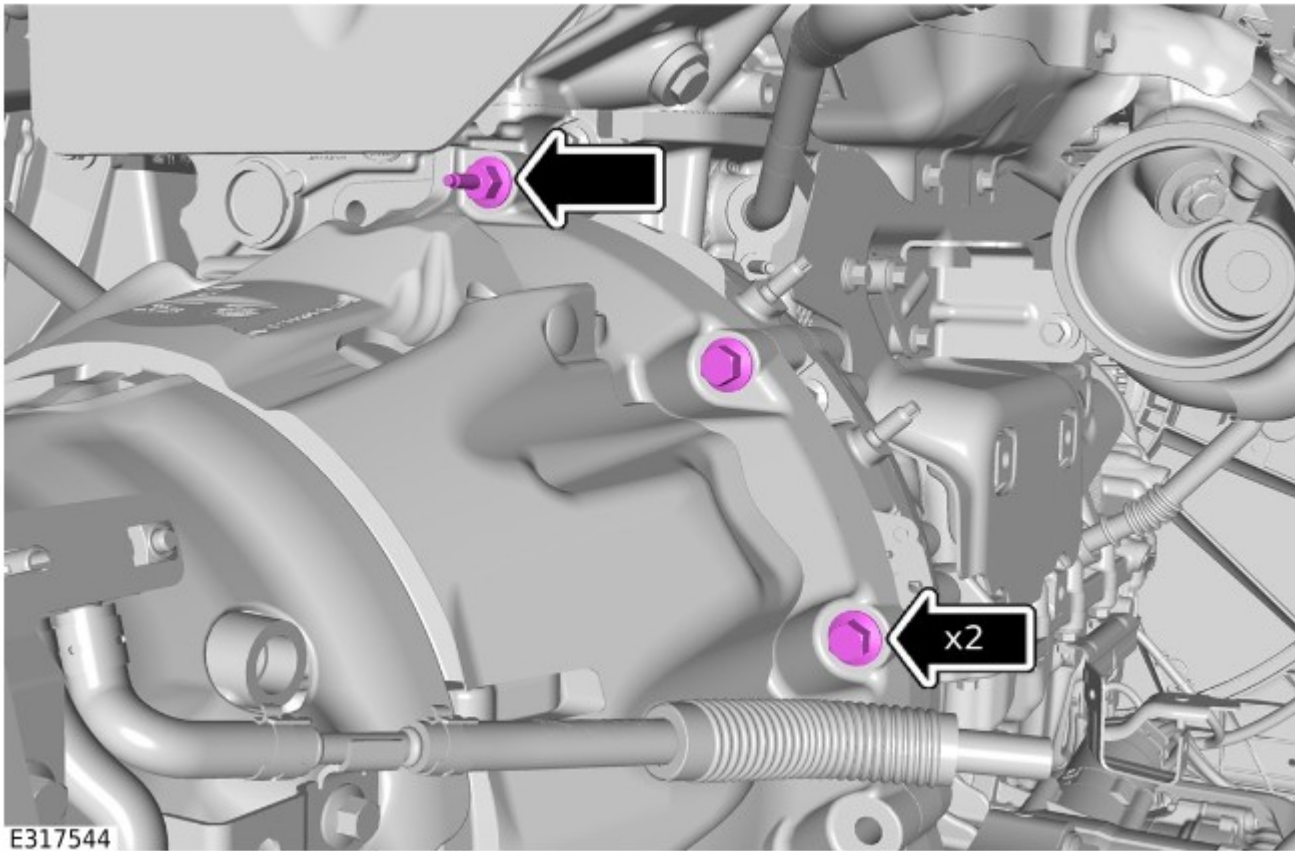
7. Using a suitable extension and universal joint, tighten the 4 transmission bell housing bolts.

Torque: **40 Nm**



8. Using a suitable extension and universal joint, tighten the 3 transmission bell housing bolts.

Torque: **40 Nm**



9. Reverse steps 1 to 5.