

N636NAS1

TECHNICAL BULLETIN

29 OCT 2021



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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.

SECTION:

100-00

SUBJECT/CONCERN:

Service Action - Engine to Body Ground Cable Loose

AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:
Range Rover Velar (LY)	2021	296471-324271

MARKETS:

CANADA, USA

CONDITION SUMMARY:

SITUATION:

An issue has been identified on certain 2021 model year Ingenium I6 3.0L gasoline Range Rover Velar vehicles where, the engine ground cable located on the left side of the engine compartment may be loose.

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 procedure(s) 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.

SPECIAL TOOLS INFORMATION:

Refer to TOPIx Workshop Manual/Service Instruction(s) for any required special tools.

PARTS INFORMATION

The parts below should be ordered through Jaguar Land Rover (JLR) in the normal manner.

DESCRIPTION	PART NUMBER	QTY	% OF VEHICLES REQUIRING THIS PART*
Ground cable fixing	LR124564	1	3.5

* When ordering parts, order no more than the expected percentage failure rate of parts identified

SROS

DESCRIPTION	SRO	TIME
N636 - Inspect ground cable - Torque fixing	05.10.10	0.1

DESCRIPTION	SRO	TIME
N636 - Inspect ground cable - Renew fixing	05.10.10	0.1
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

NOTE:

Use the Jaguar Land Rover claims submission system to make sure that a vehicle is eligible for this program prior to undertaking any rework action.

At the time of confirming a booking for vehicle repair, make sure that all open Recall and Service Actions are identified to make sure 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 N636 and the relevant Option Code from the table below; this will result in payment of the stated time. The SRO and parts information is included for information only. As option codes are used there is no requirement for you to enter SROs or parts, these are included for information only.

This program is valid for a limited time only. Warranty claims with a repair date prior to Oct 31st 2023 closure date must be submitted for payment within 30 calendar days of completion of the repair.

PROGRAM CODE	OPTION	DESCRIPTION	SRO	TIME	PART NUMBER	QTY
N636	A	N636 - Inspect ground cable - Torque fixing	05.10.10	0.1	N/A	N/A
N636	B	N636 - Inspect ground cable - Torque fixing Drive in/drive out	05.10.10 02.02.02	0.1 0.2	N/A	N/A

PROGRAM CODE	OPTION	DESCRIPTION	SRO	TIME	PART NUMBER	QTY
N636	C	N636 - Inspect ground cable - Renew fixing	05.10.10	0.1	LR124564	1
N636	D	N636 - Inspect ground cable - Renew fixing Drive in/drive out	05.10.10 02.02.02	0.1 0.2	LR124564	1

NOTE:

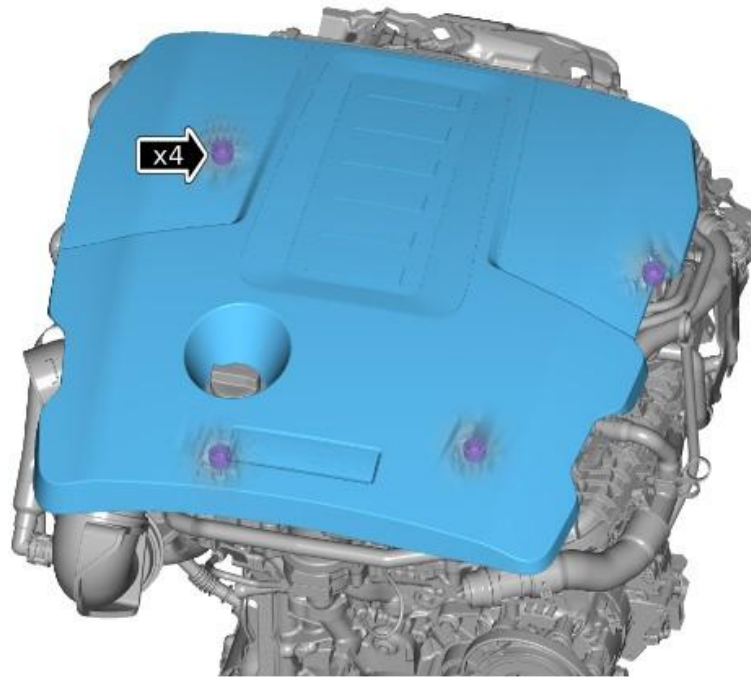
The option that contains the drive in/drive out allowance may only be claimed when the vehicle has been brought back into the workshop for this action alone to be undertaken.

Warranty claims should be submitted in accordance with the current JLR Global Warranty Manual, and its amendments, unless stated otherwise in this bulletin.

SERVICE INFORMATION

1. Open the hood.

2.

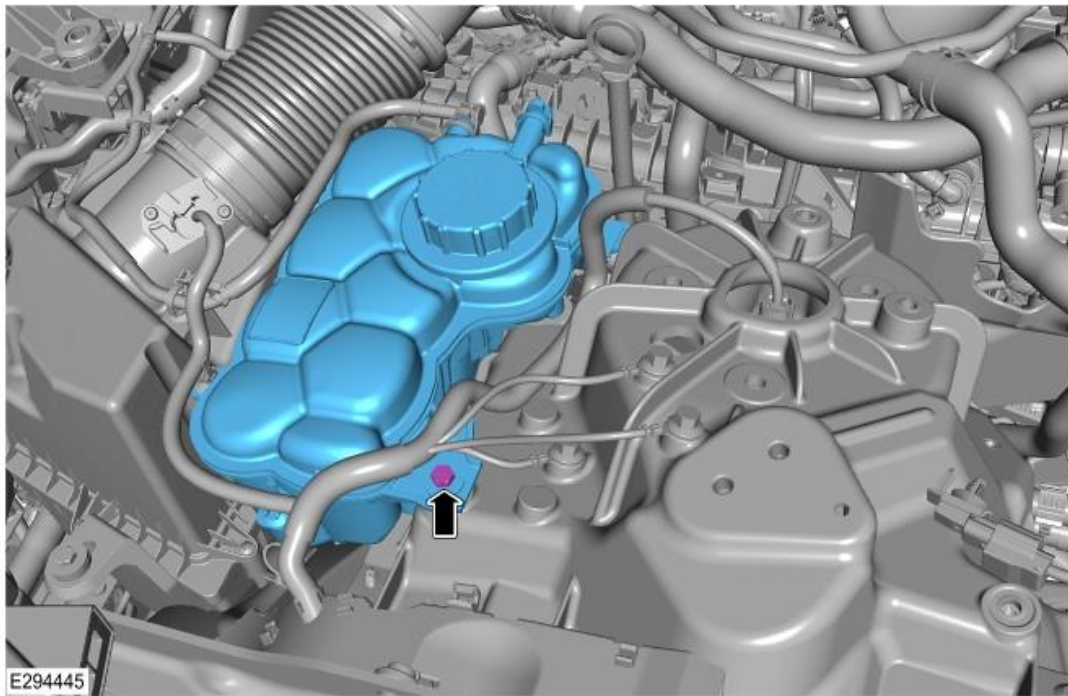


E267862

Remove the engine cover.

- Release the 4 clips.

3.



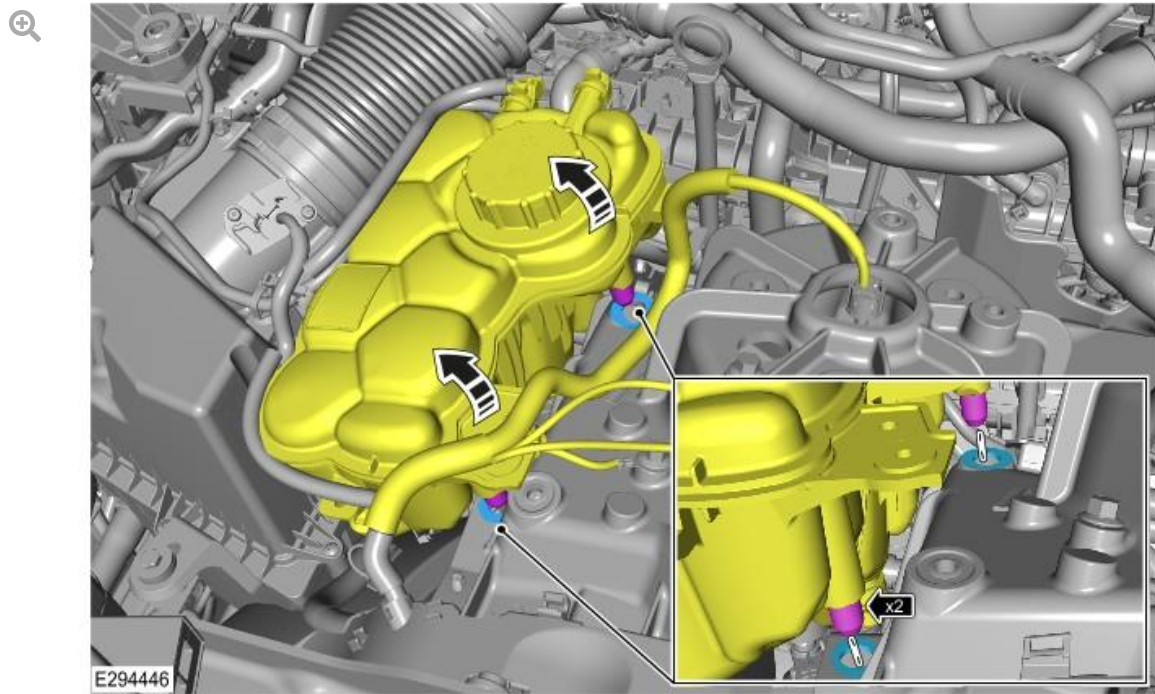
E294445

Remove the coolant expansion tank fixing.

4.

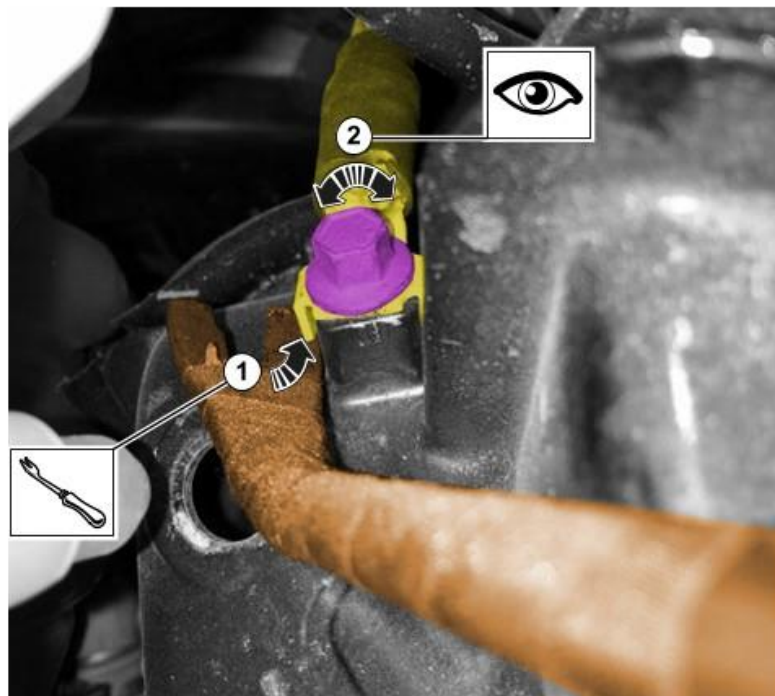
NOTE:

Only lift the coolant expansion tank high enough to access the engine ground cable fixing.



Reposition the coolant expansion tank in the direction shown in the illustration.

5.



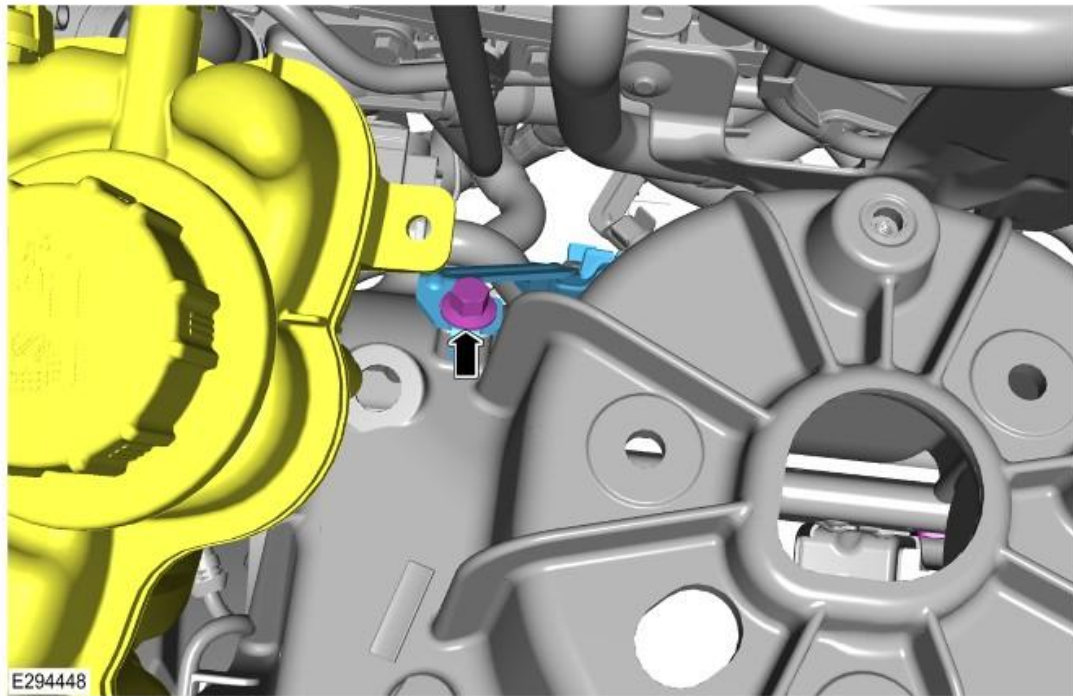
E294447

Complete the engine ground cable eyelet inspection.

1. Using a suitable tool positioned under the locating tab, try to move the engine ground cable eyelet.
2. Visually inspect the engine ground cable eyelet for movement.
 - If engine ground cable eyelet movement is visible, **continue to Service Instruction A.**
 - If engine ground cable eyelet movement is **not** visible, **continue to Service Instruction B.**

SERVICE INSTRUCTION A

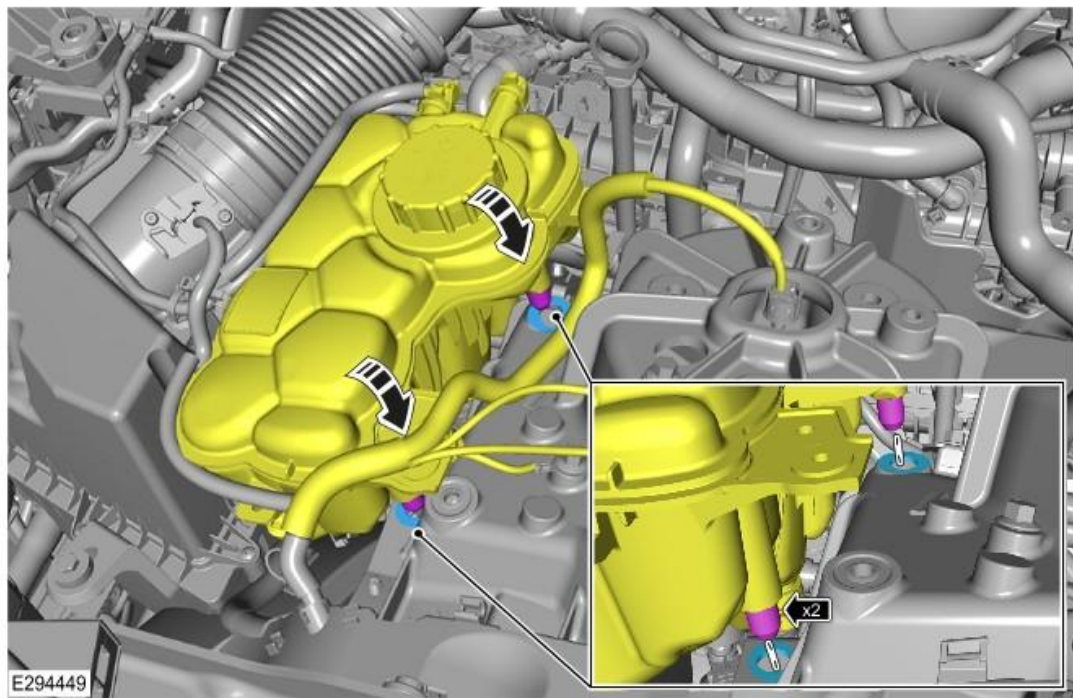
1.



Renew the engine ground cable fixing.

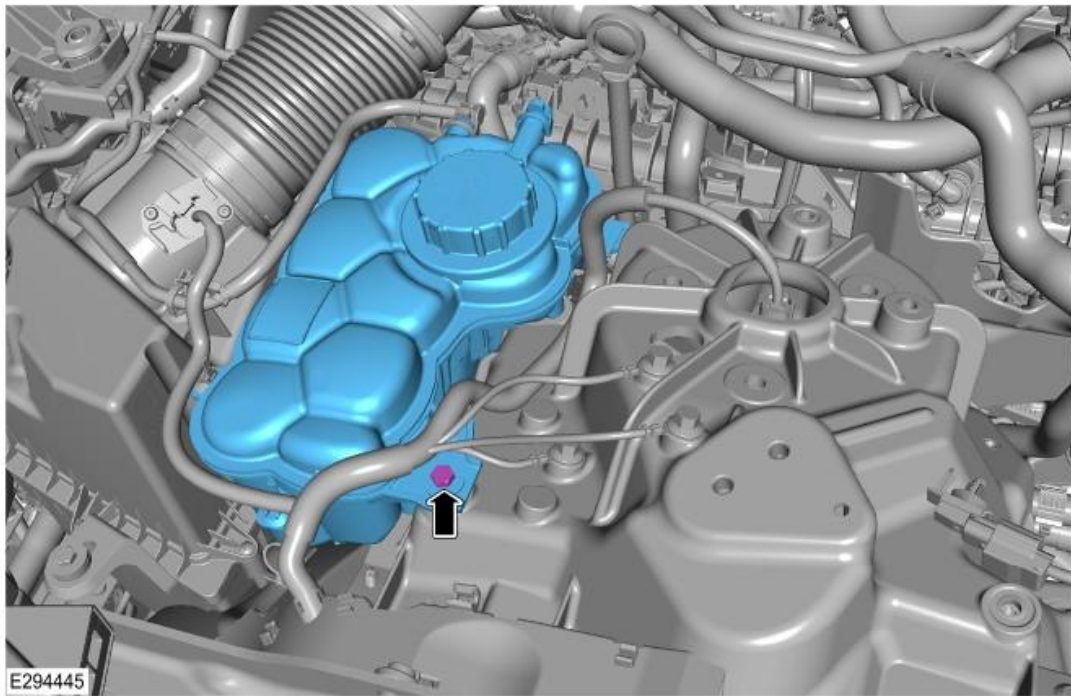
- Torque: 25 Nm

2.



Install the coolant expansion tank into the 2 locating holes.

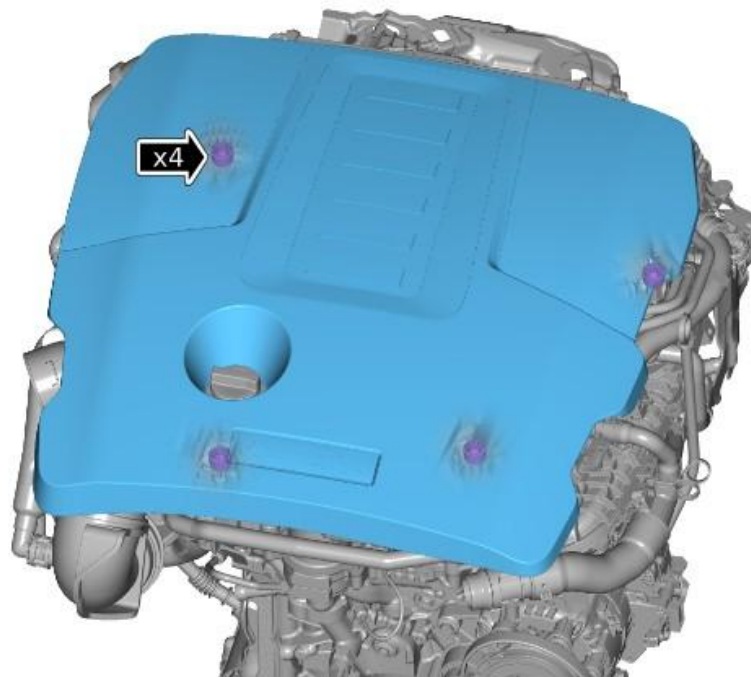
3.



Install the coolant expansion tank fixing.

- Torque: **2.8 Nm**

4.



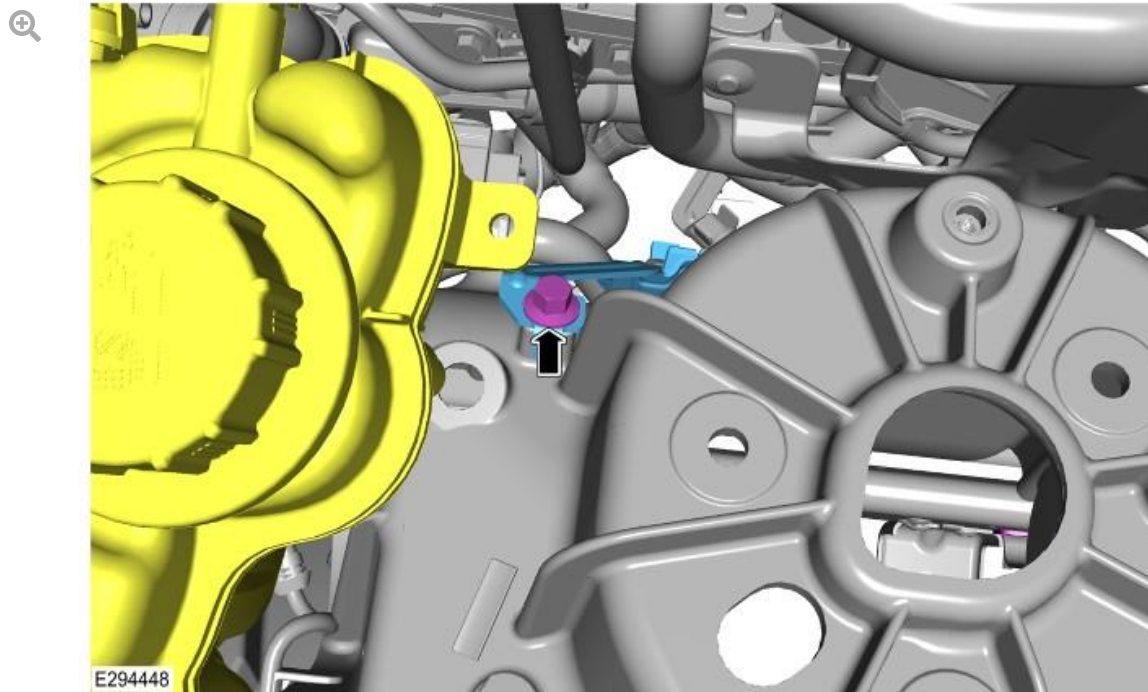
Install the engine cover.

- Secure the 4 clips.

5. Close the hood.

SERVICE INSTRUCTION B

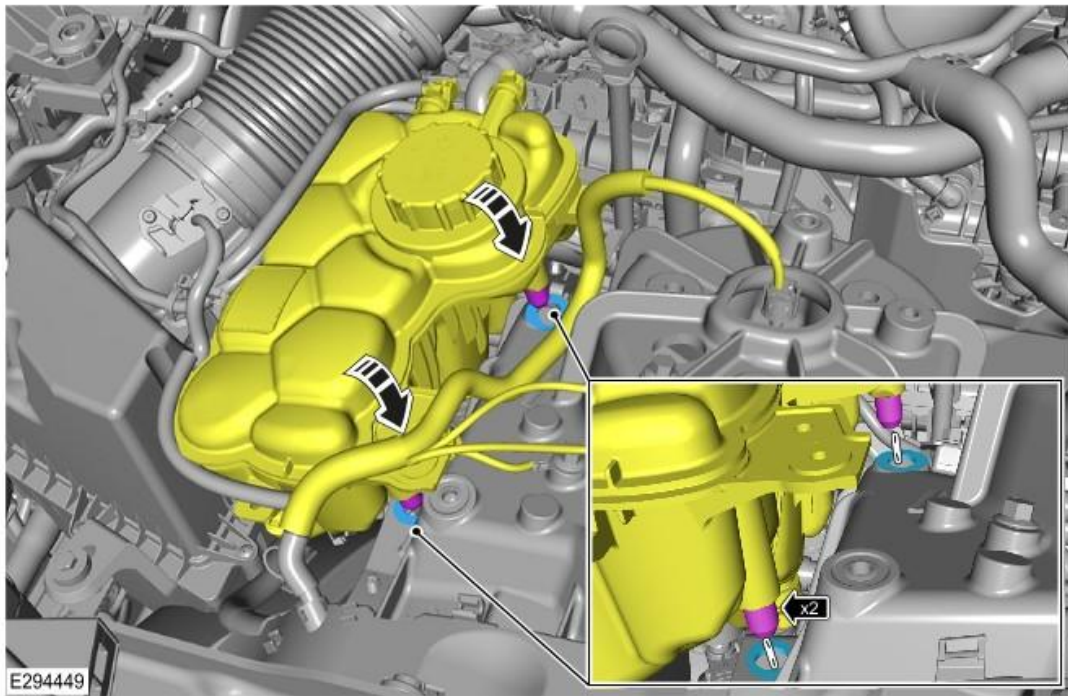
- 1.



Complete a torque check on the engine ground cable fixing.

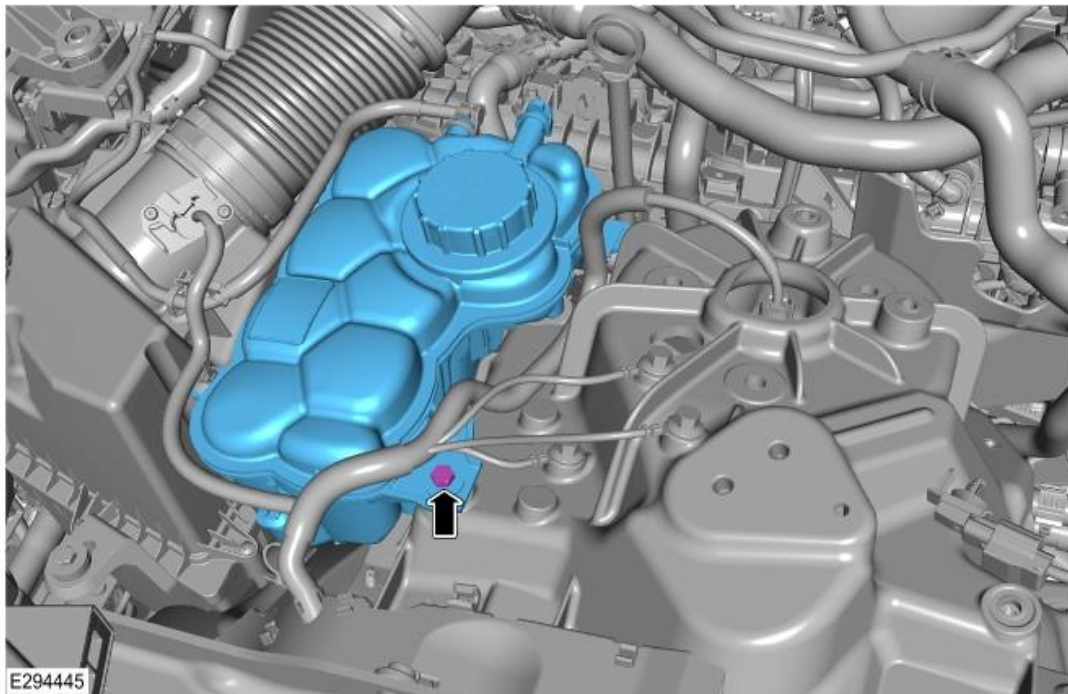
- Vehicles manufactured on or before 31/03/2021 - **Torque: 20 Nm**
- Vehicles manufactured on or after 01/04/2021 - **Torque: 25 Nm**

2.



Install the coolant expansion tank into the 2 locating holes.

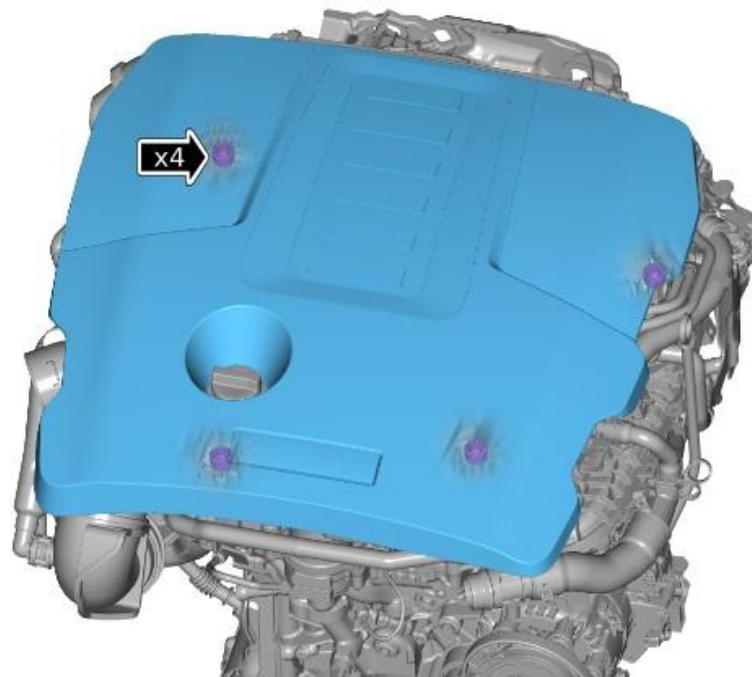
3.



Install the coolant expansion tank fixing.

- Torque: **2.8 Nm**

4.



E267862

Install the engine cover.

- Secure the 4 clips.

5. Close the hood.