

N302NAS1



TECHNICAL BULLETIN

11 APR 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.

SECTION:

501-30

SUBJECT/CONCERN:

Service Action: Rear Right Wheel Arch Inner Panel Crack

AFFECTED VEHICLE RANGE:

| MODEL: | MODEL YEAR: | VIN: | ASSEMBLY PLANT: |
|----------------|-------------|---------------|------------------|
| Discovery (LR) | 2019 | 092531-096624 | Solihull |
| Discovery (LR) | 2019 | 401706-402990 | Nitra (Slovakia) |

MARKETS:

NORTH AMERICA

CONDITION SUMMARY:

SITUATION:

A potential issue has been identified on certain vehicles within the listed Affected Vehicle Range which may have develop a crack in the rear right wheel arch inner panel. The crack may allow water ingress into the vehicle and could lead to electrical system faults.

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 Diagnostic/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:**NOTES:**

- Order only the expected percentage demand of parts as identified.
- Use the Vehicle Identification Number (VIN) and the Electronic Parts Catalog (EPC) to confirm part number(s) necessary to perform repairs.

| DESCRIPTION | PART NUMBER/SUNDRY CODE | QUANTITY/VALUE | EXPECTED PERCENTAGE DEMAND |
|--|-------------------------|----------------|----------------------------|
| Clip - trim - pillar | LR034879 | 1 | 12 |
| Clip - trim | LR090727 | 3 | 12 |
| Clip | LR082272 | 2 | 12 |
| Clip - trim | LR036129 | 4 | 12 |
| Butyl patch | LR133400 | 1 | 12 |
| Sanding paper P2000 Anti-corrosion paint NEXA P565-9081 Sealant TEROSON PU9200 Isopropanol | ZZZ001 | \$6.50 | 12 |

An allowance of \$6.50 USD or local equivalent has been provided to cover the cost of the sanding paper, anti-corrosion paint, sealant, and isopropanol. Claim using Sundry Code 'ZZZ001'..

SPECIAL TOOLS:

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

WARRANTY:

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 and the relevant Option Code; this will result in payment of the stated time. The SRO and parts information is included for information only. The Option Code(s) that allows for the drive in/drive out allowance may 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. Use 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 April 30, 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) | PART NUMBER/SUNDRY CODE | QUANTITY/VALUE |
|--------------|-------------|--|----------------------|--------------|-------------------------|----------------|
| N302 | A | Inspection - No further action | 05.10.10 | 0.1 | - | - |
| N302 | B | Inspection - no further action Drive in/drive out | 05.10.10 02.02.02 | 0.1 0.2 | - - | - - |

| PROGRAM CODE | OPTION CODE | DESCRIPTION | SRO | TIME (HOURS) | PART NUMBER/SUNDRY CODE | QUANTITY/VALUE |
|--------------|-------------|--|---|--|---|--------------------------------------|
| N302 | C | Inspection and rear right body panel crack - Repair | 77.40.89.41 | 1.5 | LR034879 LR090727 LR082272 LR036129 LR133400 ZZZ001 | 1 3 2 4 1 \$6.50 |
| N302 | D | Inspection and rear right body panel crack - Repair - - - - - - - Drive in/drive out | 77.40.89.41 - - - - - - 02.02.02 | 1.5 - - - - - - 0.2 | LR034879 LR090727 LR082272 LR036129 LR133400 ZZZ001 - | 1 3 2 4 1 \$6.50 - |

Normal Warranty policies and procedures apply.

An allowance of \$6.50 USD or local equivalent has been provided to cover the cost of the sanding paper, anti-corrosion paint, sealant, and isopropanol. Claim using Sundry Code 'ZZZ001'..

INSPECTION PROCEDURE:

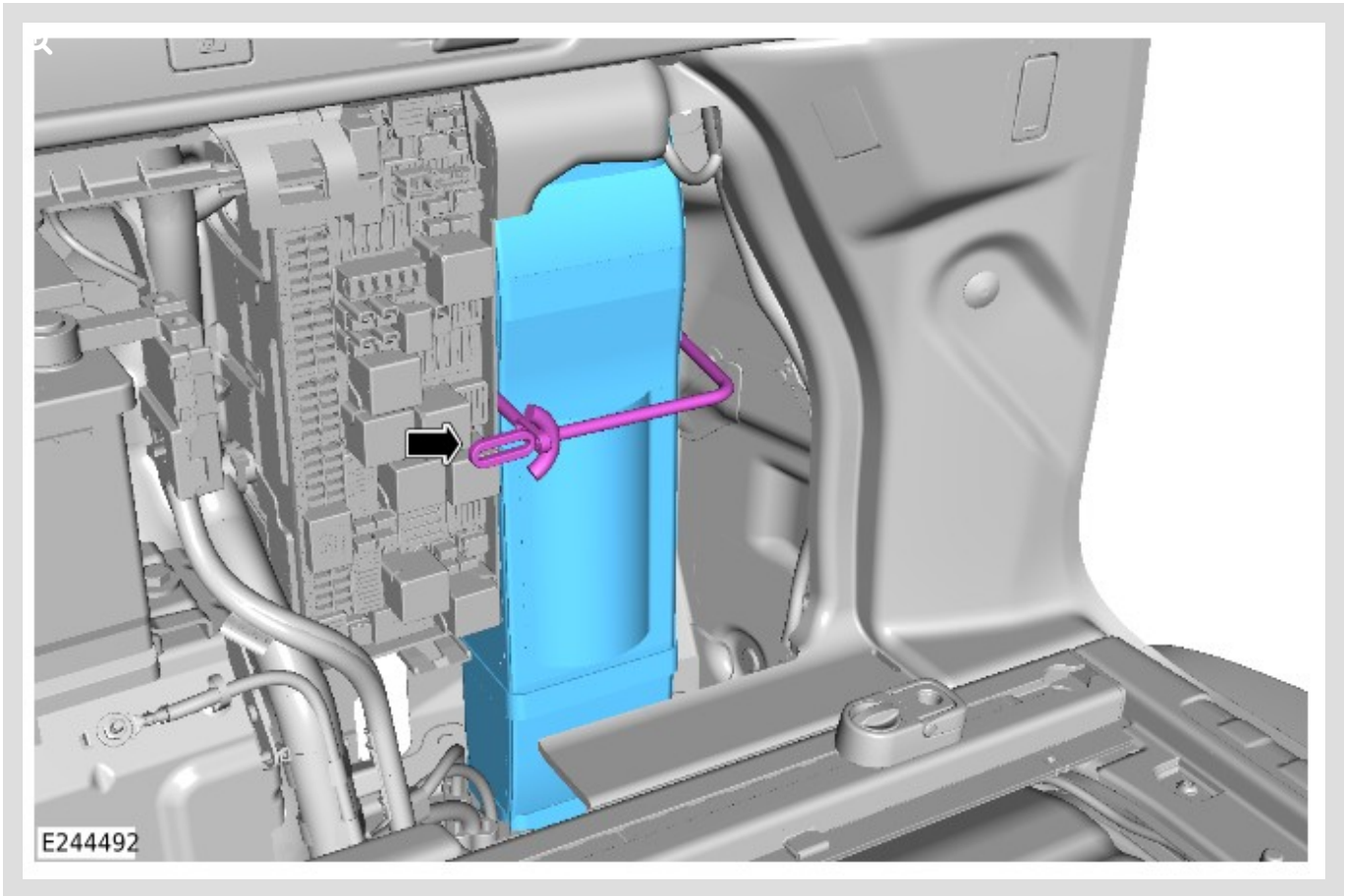
NOTES:

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

1 Open the tailgate.

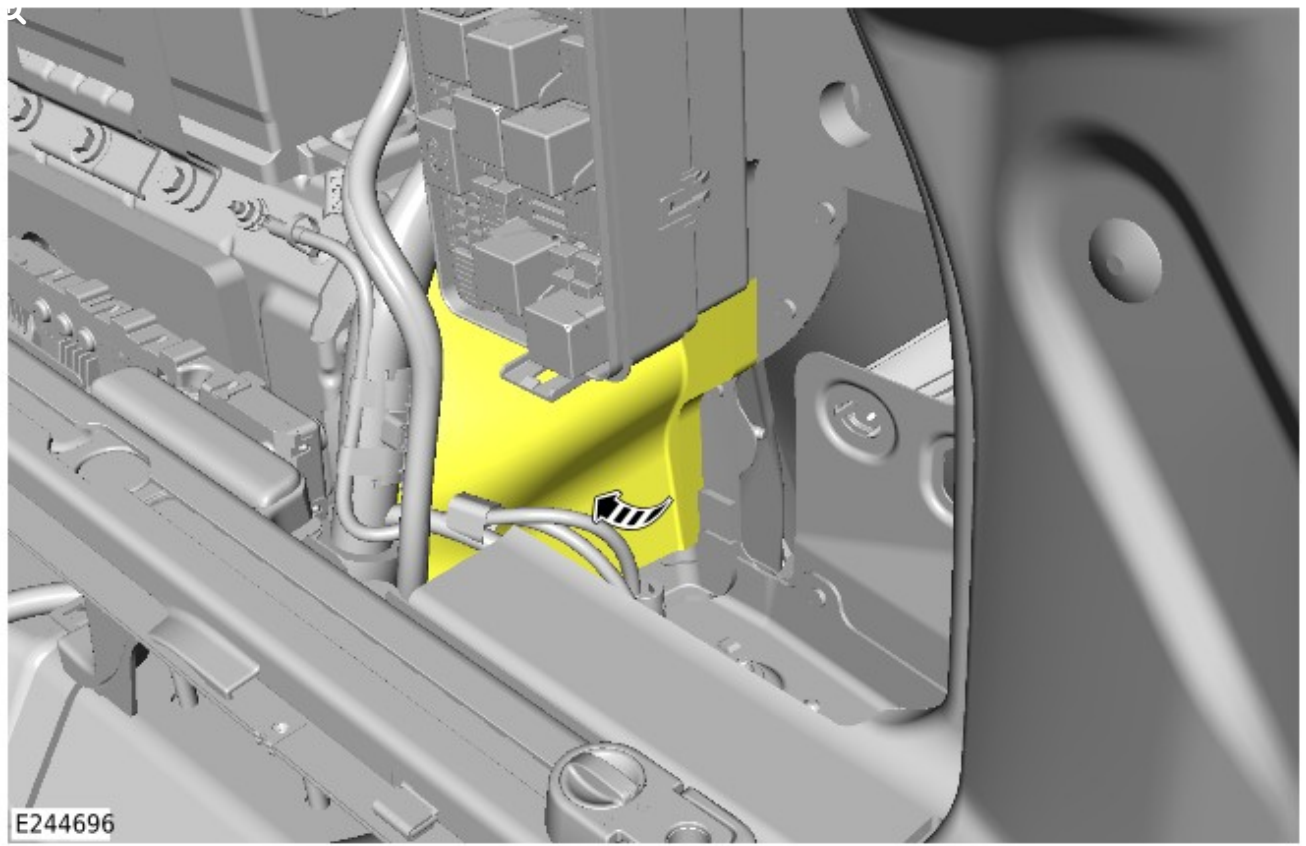
2 Remove the right loadspace trim panel (see TOPIx Workshop Manual section 501-05: Interior Trim and Ornamentation - Right Loadspace Trim Panel).

3



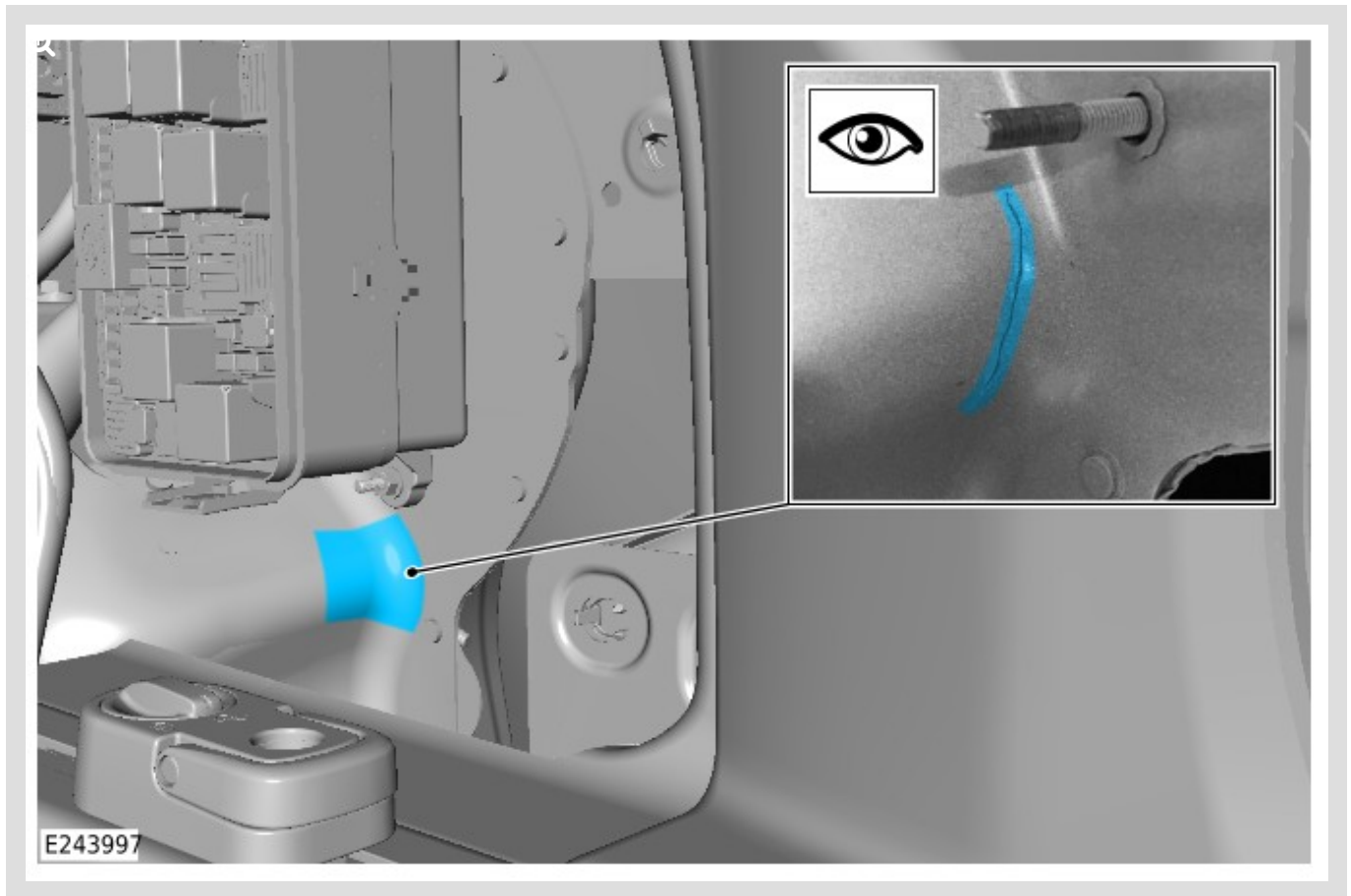
Remove the vehicle jacking tool kit.

4



Position the Noise, Vibration and Harshness (NVH) material to the side.

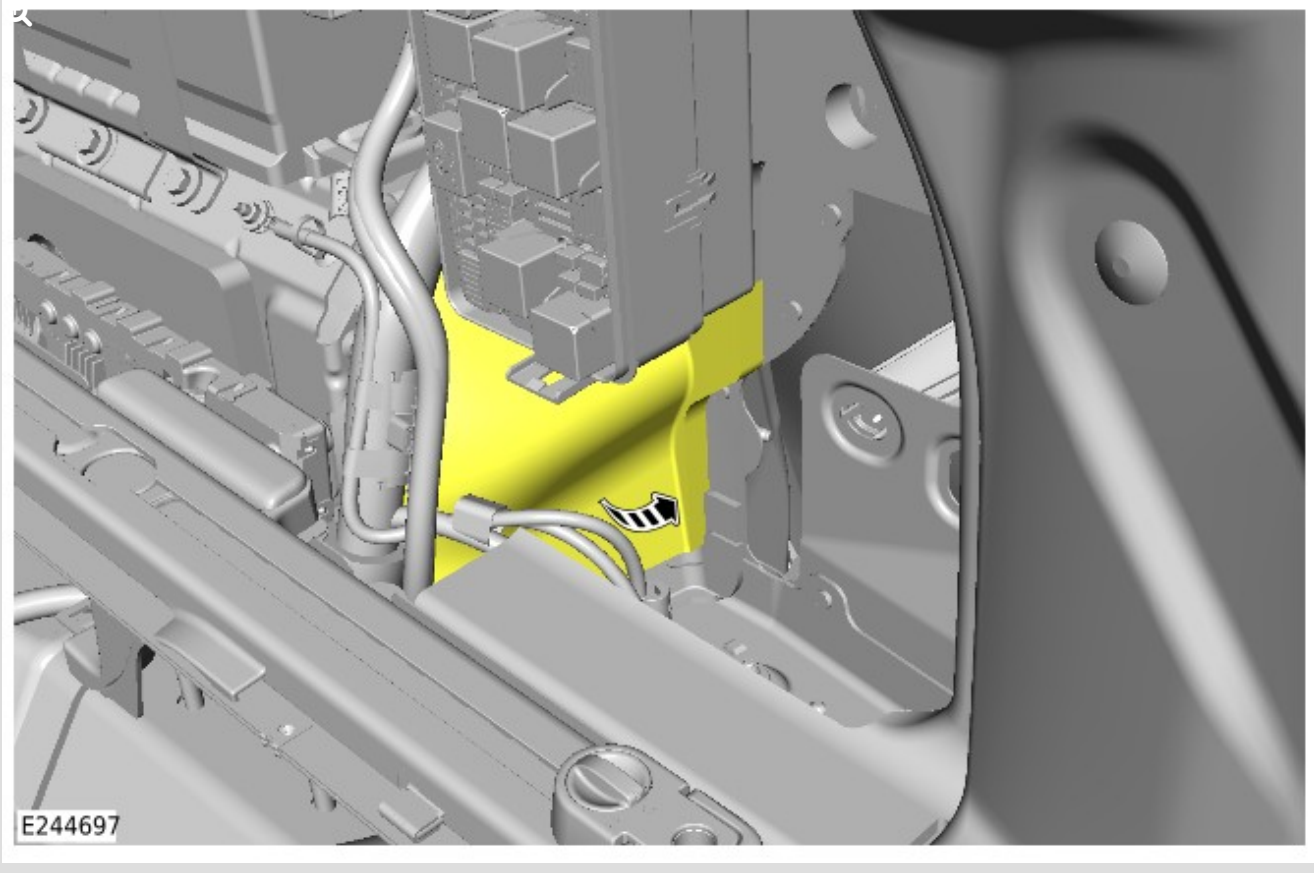
5



Inspect the area shown.

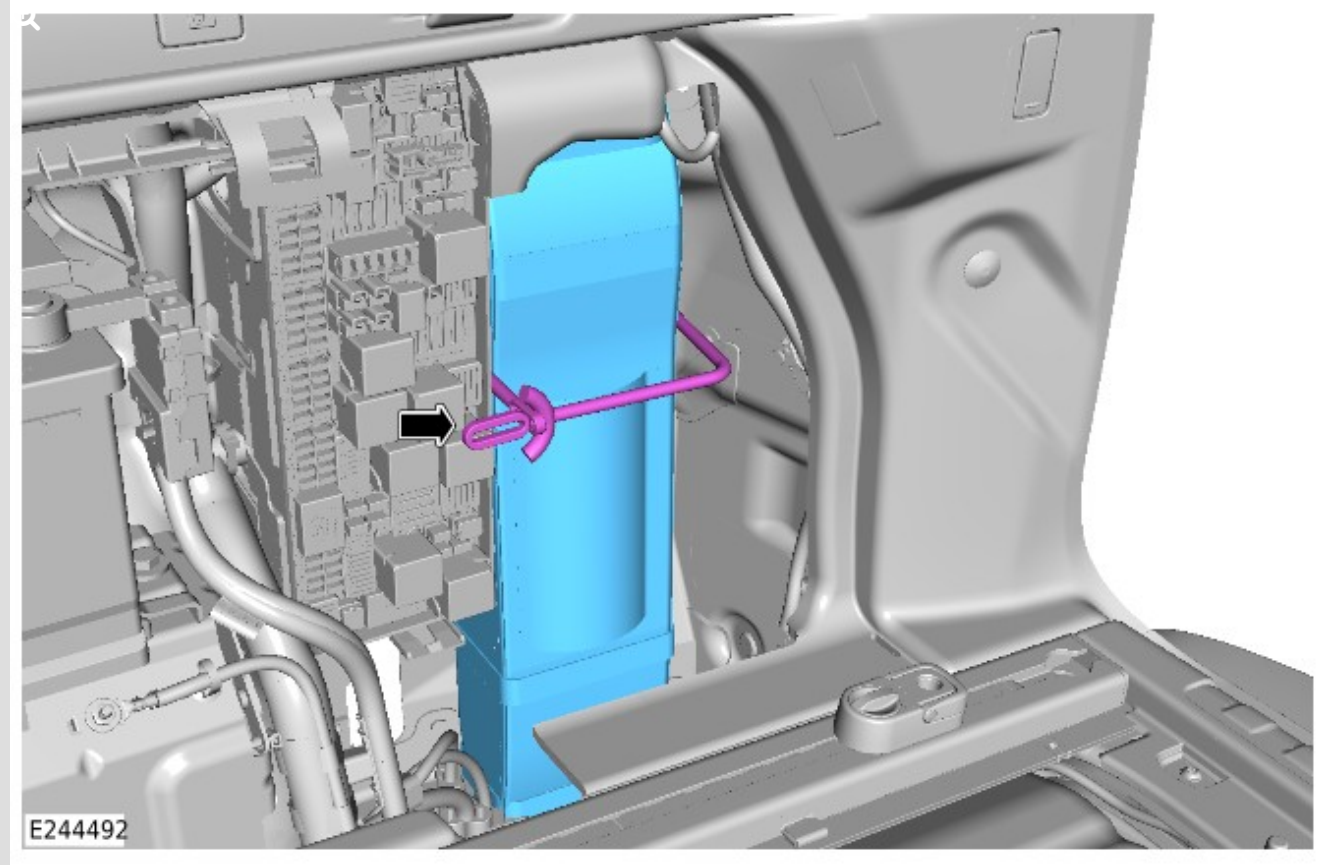
- If the body panel is cracked, go to the Workshop Procedure below.
- If the body panel is not cracked, go to Step 6.

6



Install the NVH material.

7



Install the vehicle jacking tool kit.

8 Install the right loadspace trim panel (see TOPIx Workshop Manual section 501-05: Interior Trim and Ornamentation - Right Loadspace Trim Panel).

9 Close the tailgate.

10 Release the vehicle.

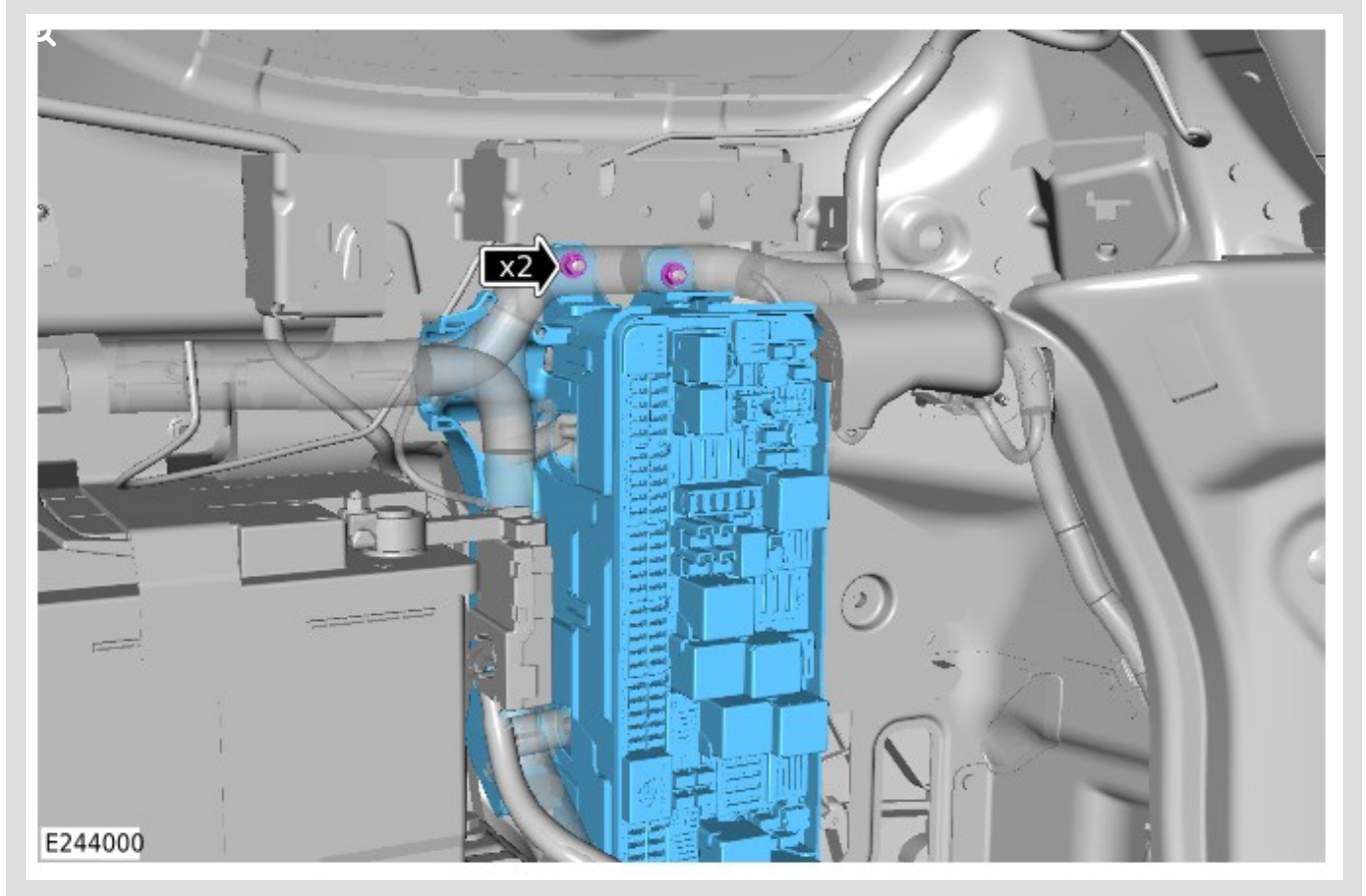
WORKSHOP PROCEDURE:

NOTES:

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

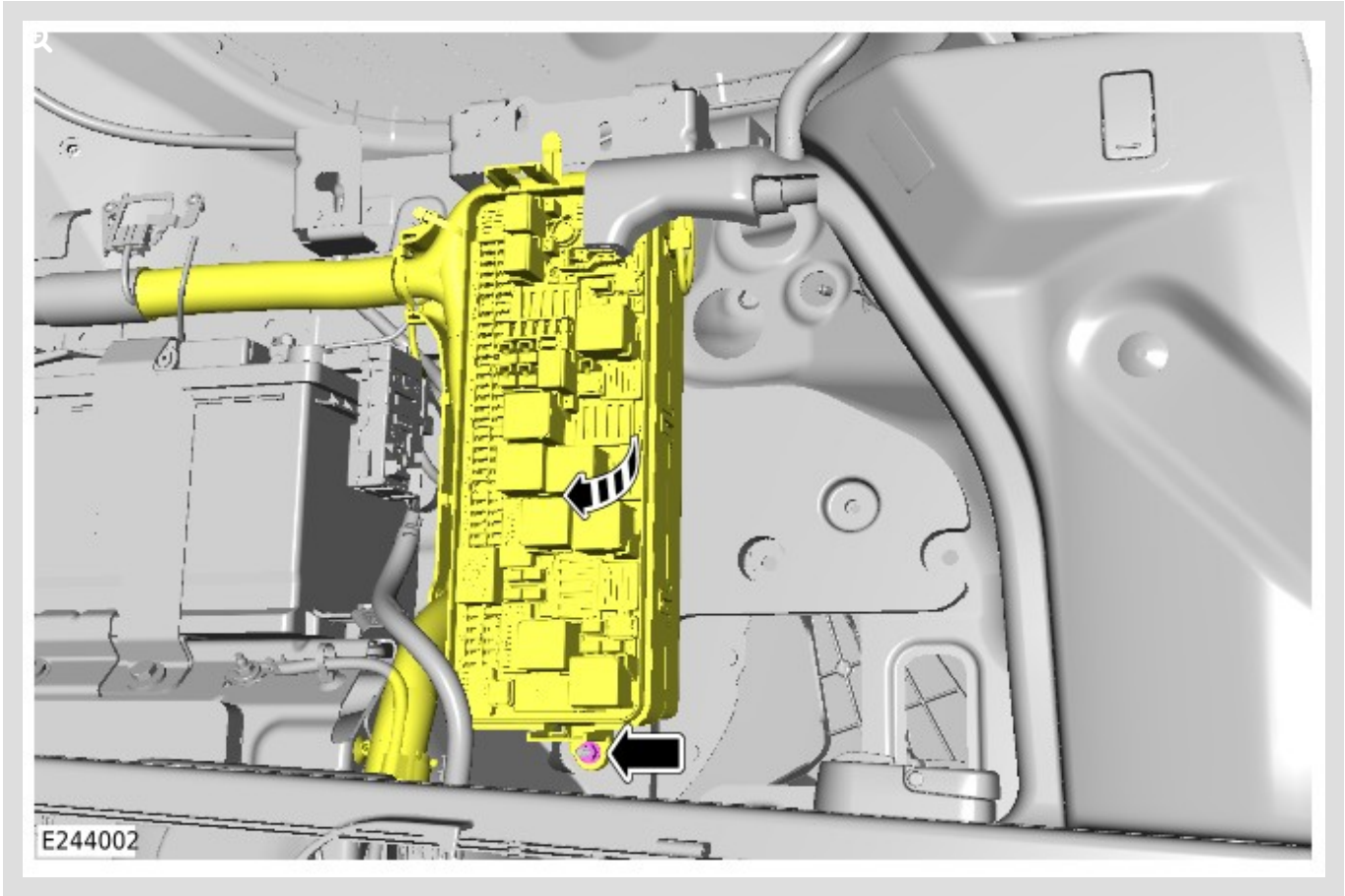
- 1 Remove the C-pillar and D-pillar upper trim panel (see TOPIx Workshop Manual section 501-05: Interior Trim and Ornamentation - C-Pillar and D-Pillar Upper Trim Panel).

2



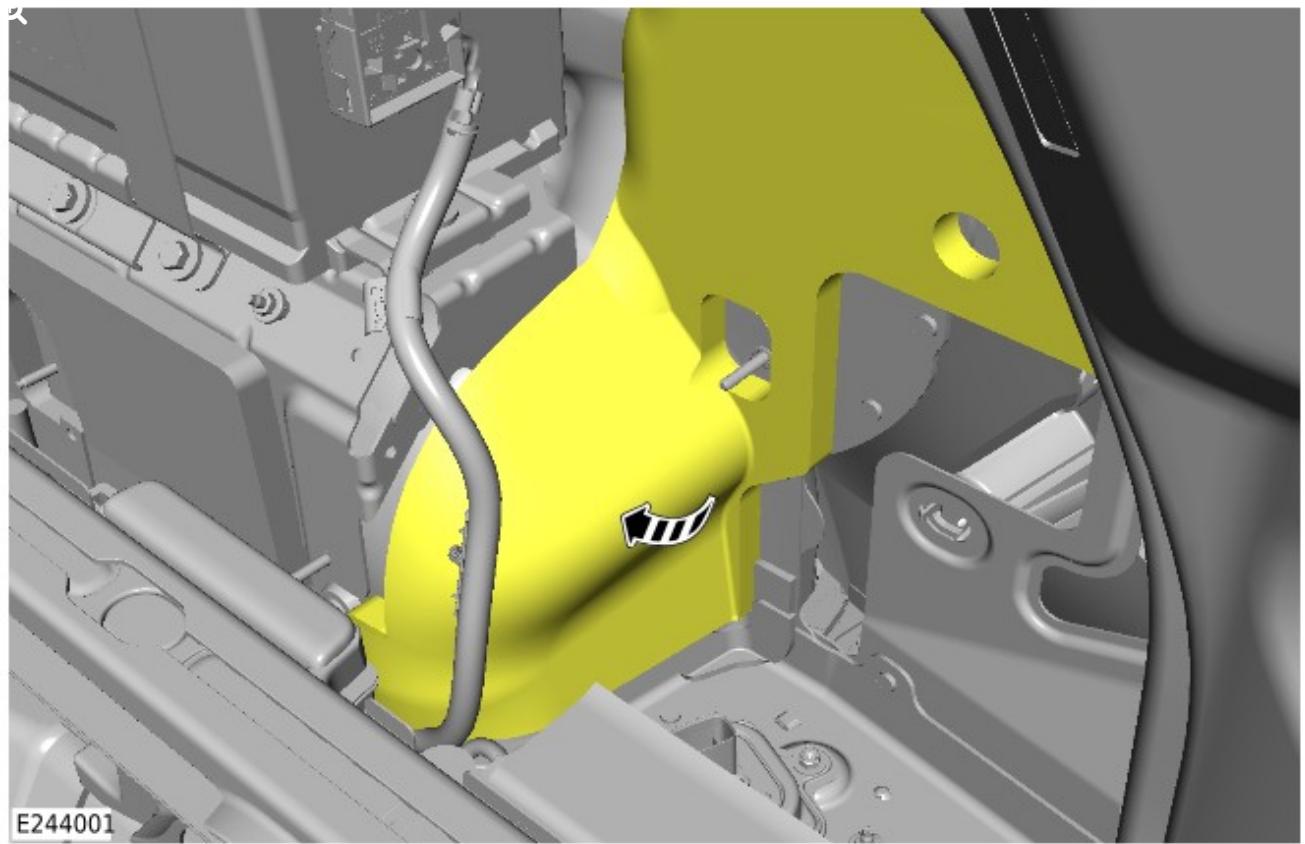
Remove the upper Rear Junction Box (RJB) nut(s).

3



Position the RJB to the side.

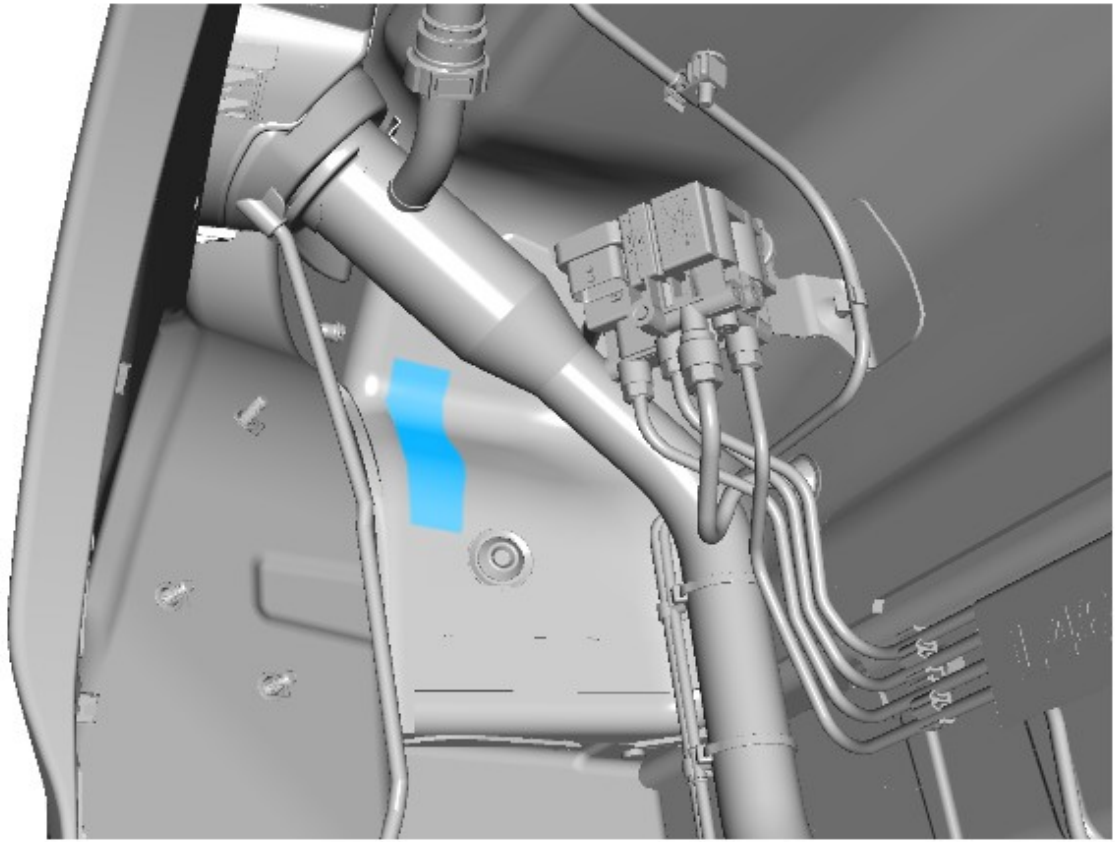
4



Position the Noise, Vibration and Harshness (NVH) material to one side.

-
- 5 Remove the rear right fender splash shield (see TOPIx Workshop Manual section 501-08: Exterior Trim and Ornamentation - Rear Fender Splash Shield).
-

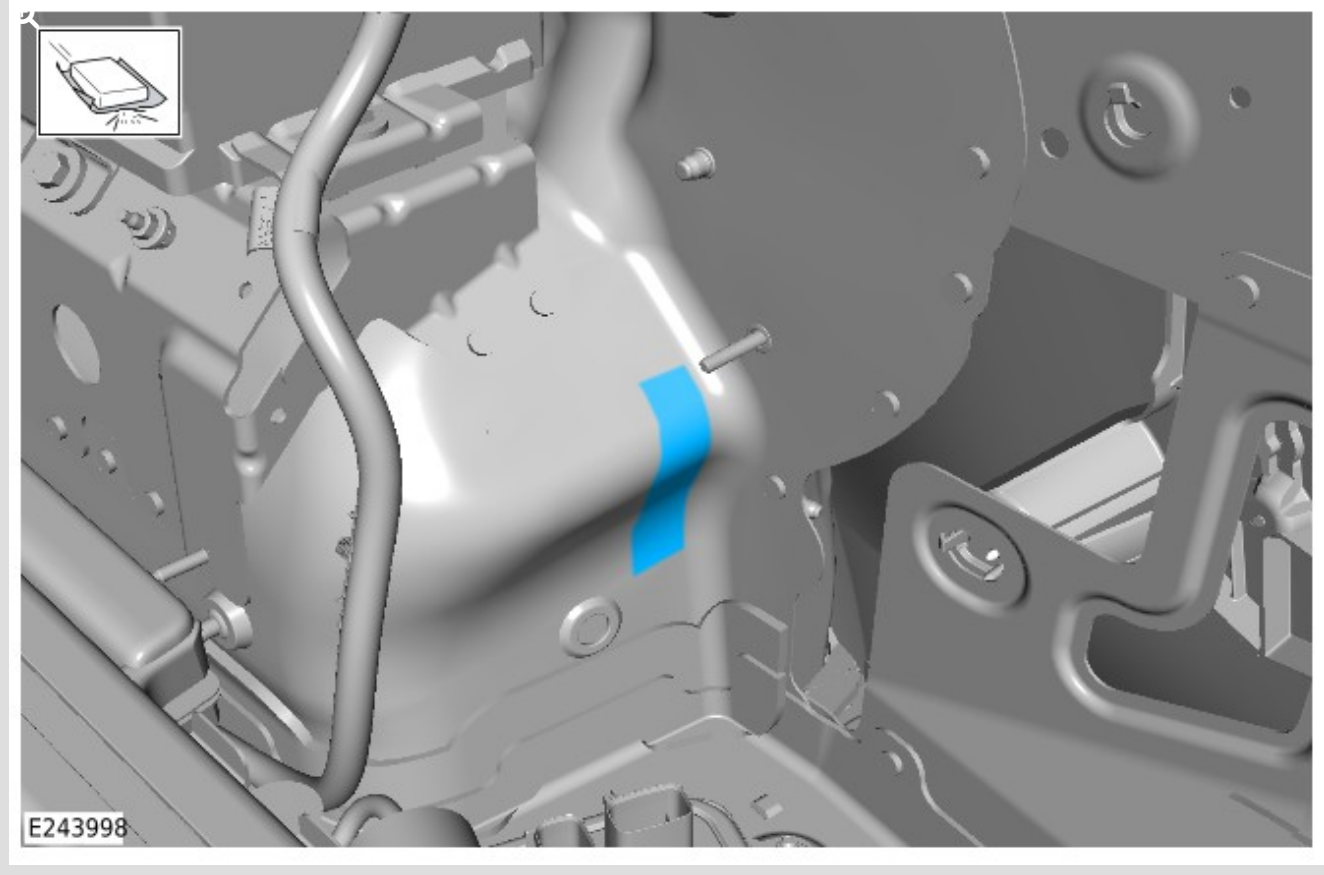
6



Lightly sand the area shown using P2000 sanding paper.

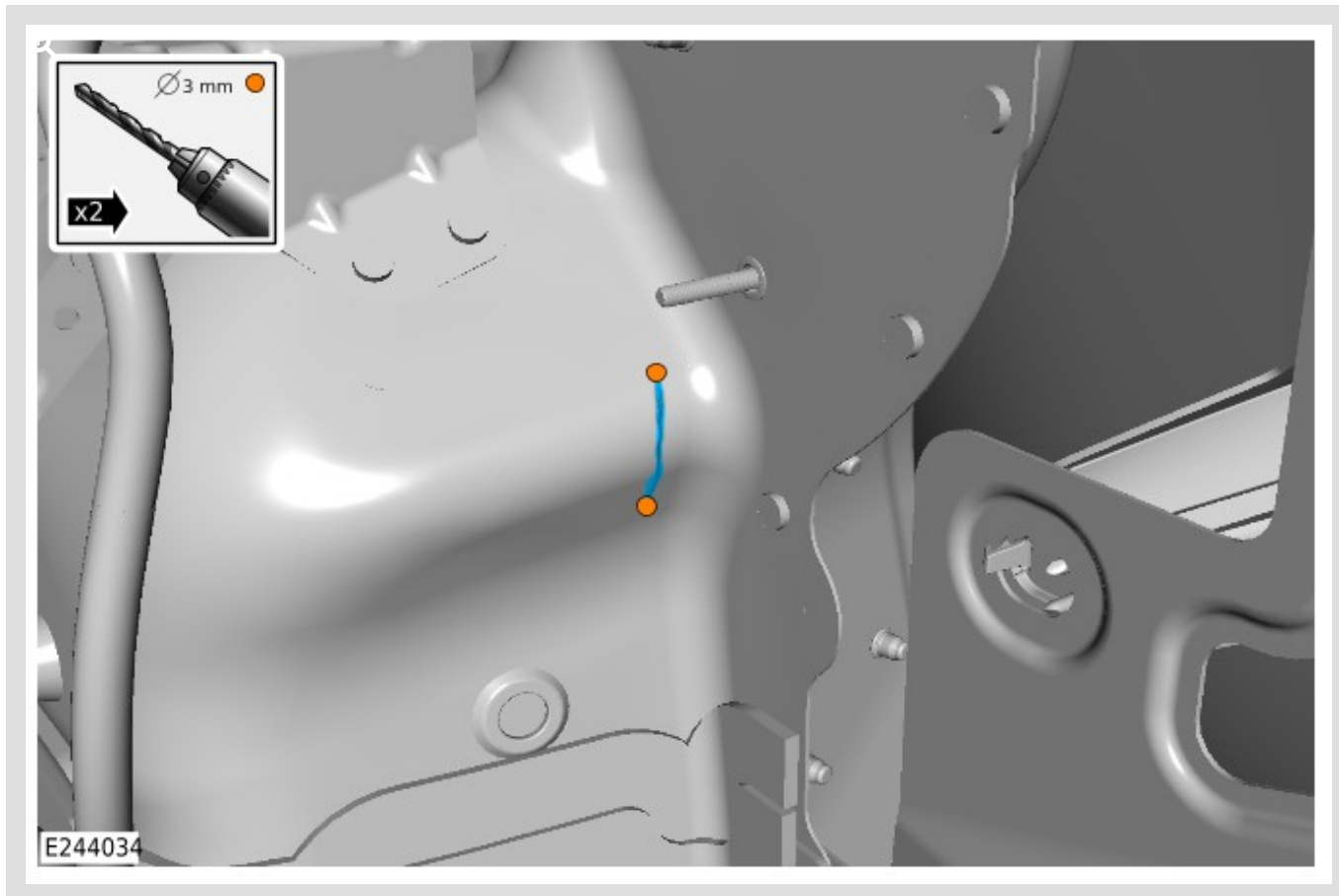
7 Lower the vehicle on the ramp.

8



Lightly sand the area shown using P2000 sanding paper.

9



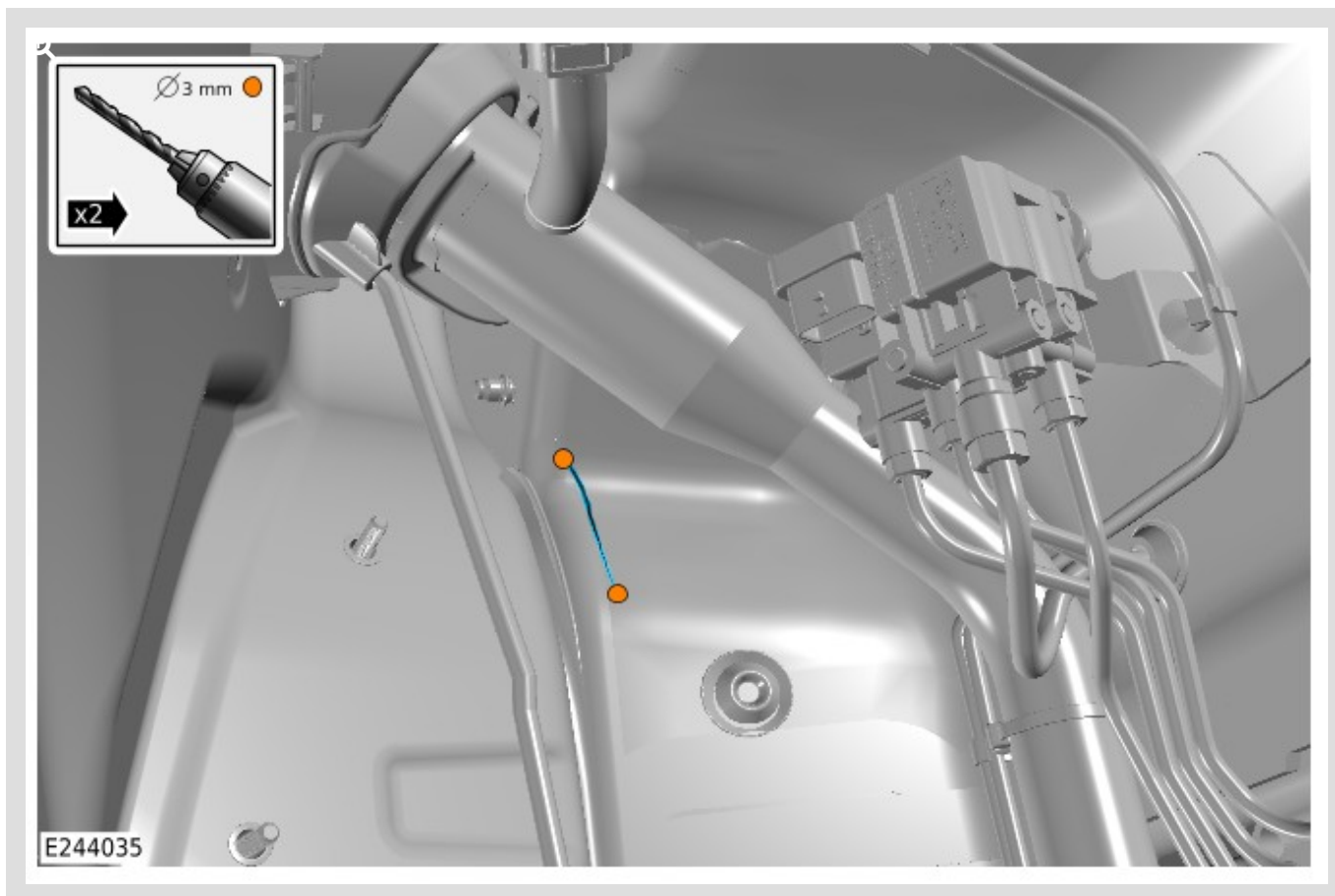
Drill a 3mm hole at each end of the body panel crack.

10 Raise the vehicle on the ramp.

11

△ NOTE:

The ends of the body panel crack may be in different positions from either side of the body panel.

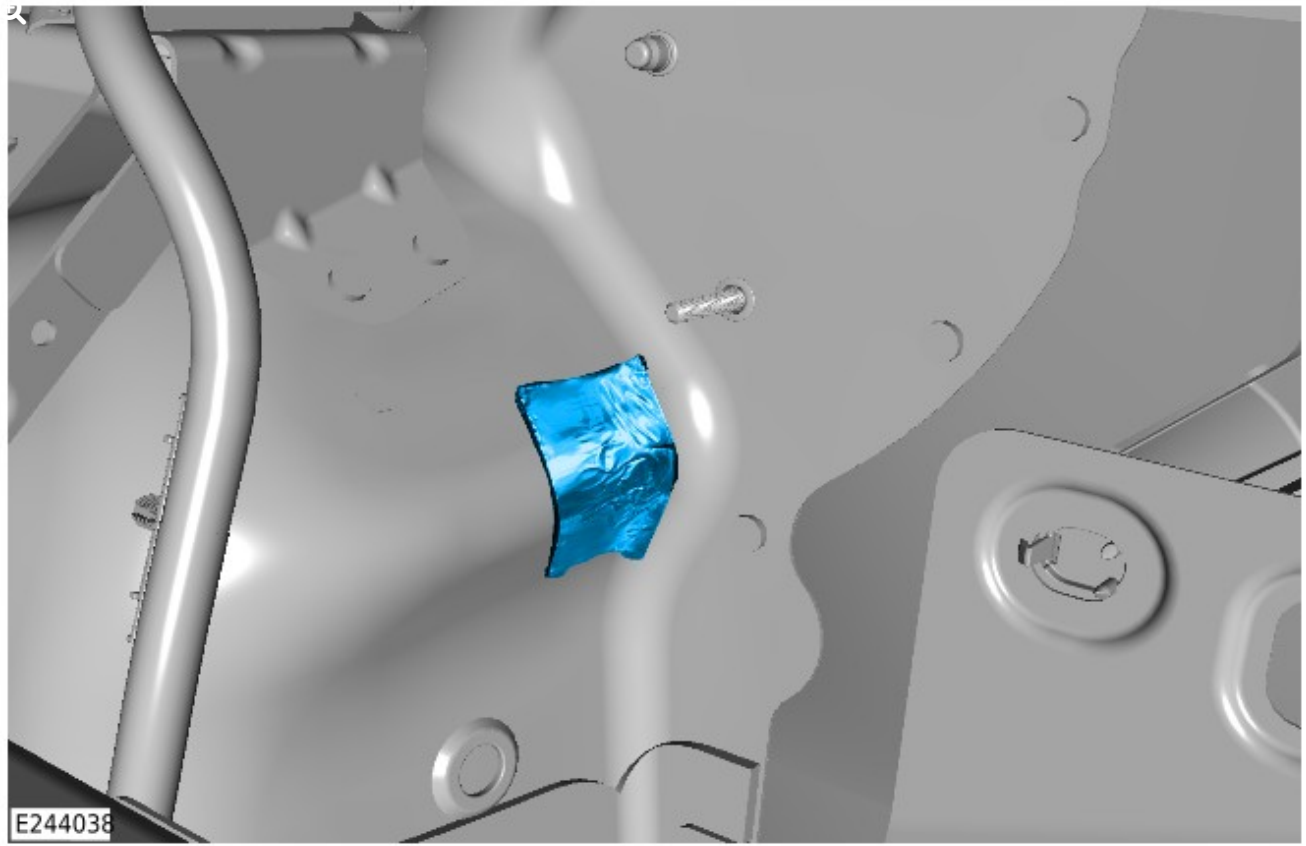


If required: drill a 3 mm hole at each end of the body panel crack.

12 Lower the vehicle on the ramp.

13 Clean the drilled and sanded areas on both sides of the body panel to make sure they are free from foreign material.

14



Install the butyl patch to the inside of the body panel.

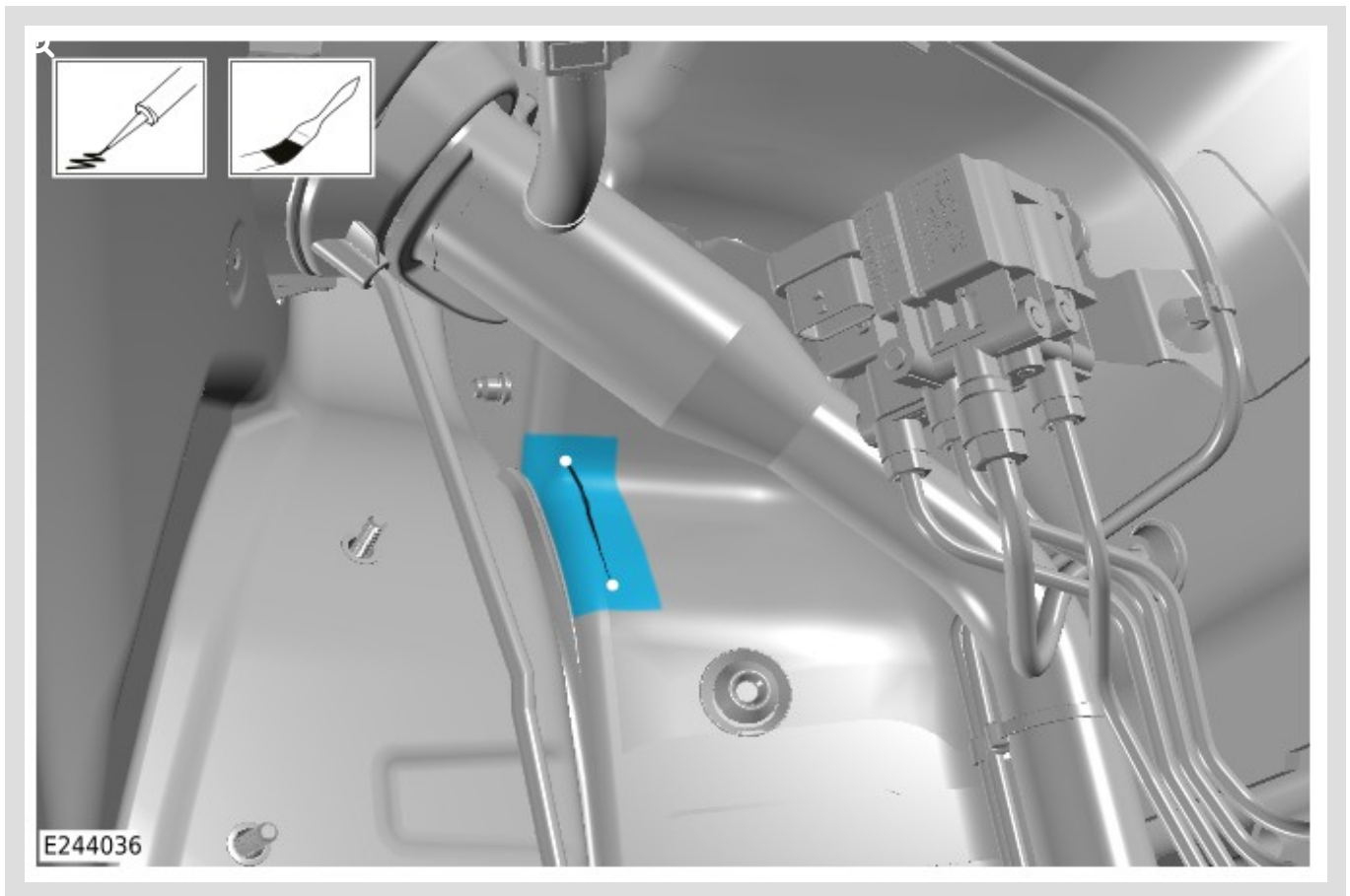
15 Raise the vehicle on the ramp.

16 **ⓘ CAUTION:**

Corrosion protection primer paints may only be applied on to cured TEROSON PU 9200.

△ NOTE:

Apply heat using a heat applicator to allow the sealant to cure for a minimum of 35 minutes before continuing to Step 17.



Apply sealant TEROSON PU9200 to the outer body panel and brush over the area.

- 17 Apply anti-corrosion paint to the inner and outer affected areas that have been repaired.
- 18 Install the rear right fender splash shield (see TOPIx Workshop Manual section 501-08: Exterior Trim and Ornamentation - Rear Fender Splash Shield).
- 19 Install the C-pillar and D-pillar upper trim panel (see TOPIx Workshop Manual section 501-05: Interior Trim and Ornamentation - C-Pillar and D-Pillar Upper Trim Panel).
- 20 Install the right loadspace trim panel (see TOPIx Workshop Manual section 501-05: Interior Trim and Ornamentation - Right Loadspace Trim Panel).
- 21 Close the tailgate.
- 22 Release the vehicle.