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2020.0 DEFENDER (LE), 102-03

EXTERIOR

RAISED AIR INTAKE - PART NUMBER: VPLEP0435 [G2409775]

REMOVAL AND INSTALLATION

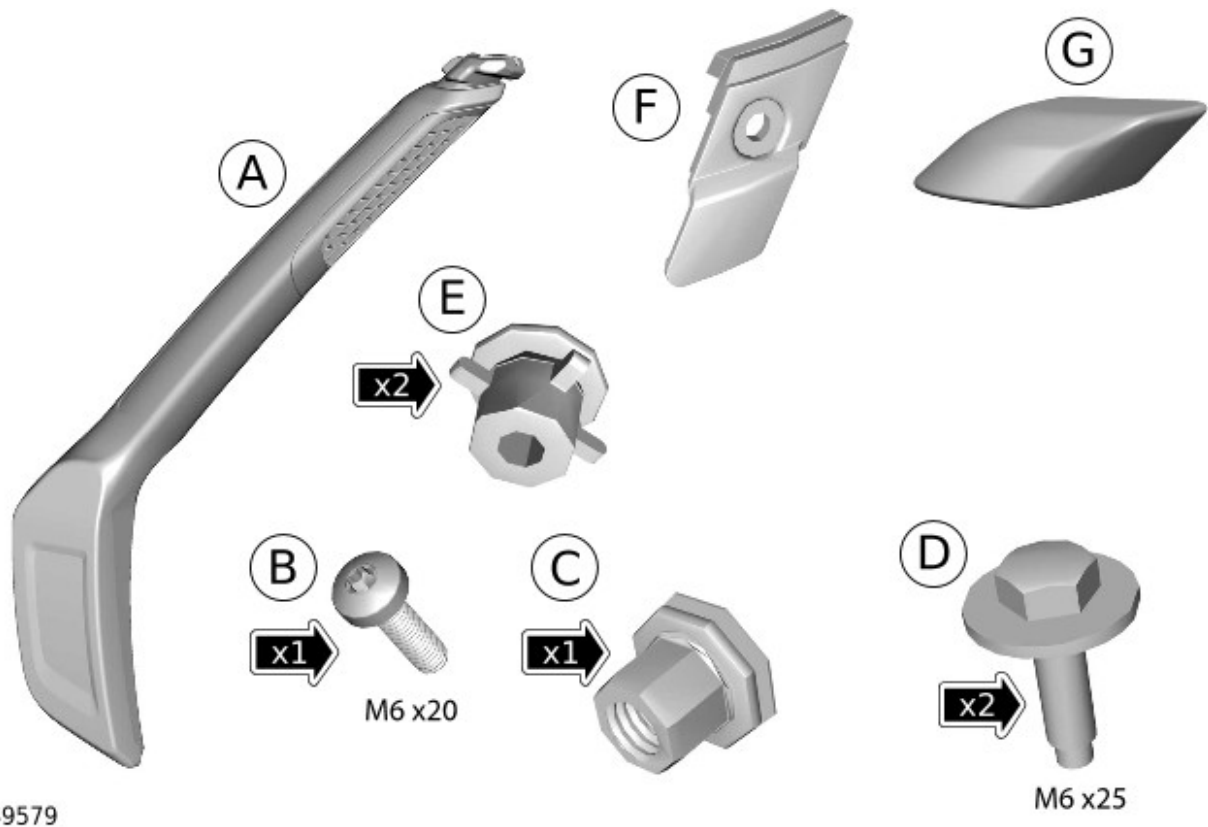
VPLEP0435

WARNING:

Accessories which are not correctly installed can be dangerous. Read the instructions carefully prior to installation. Comply with instructions at all times. If in doubt, contact your nearest approved retailer.

NOTES:

- The raised air intake is always installed to the left side of the vehicle.
- This procedure contains some variation in the illustrations depending on the vehicle specification, but the essential information is always correct.
- This procedure contains illustrations showing certain components removed to provide extra clarity.
- Appearance of part (F) may vary. Install process remains the same.



REMOVAL

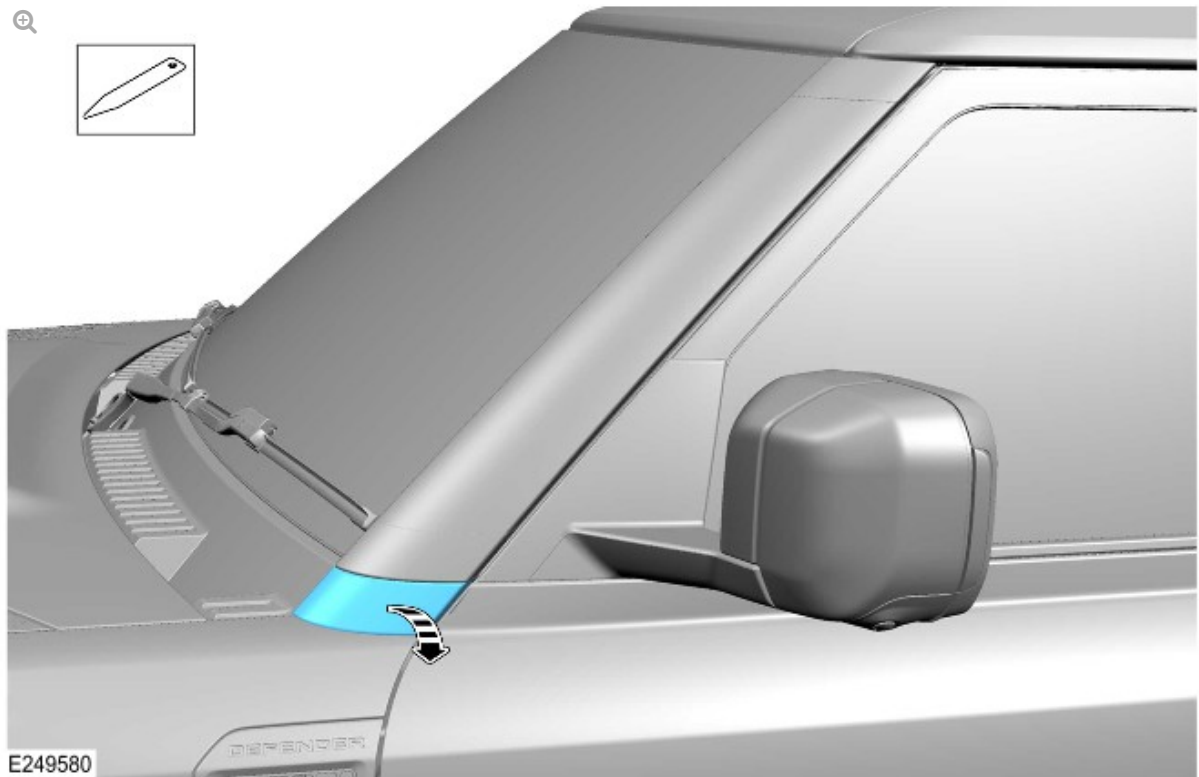
1.

CAUTIONS:

- Take care to avoid damage to the vehicle paintwork and exterior finishers.
- Retain the lower section of the A-pillar trim.

NOTE:

The raised air intake is always installed to the left side of the vehicle.

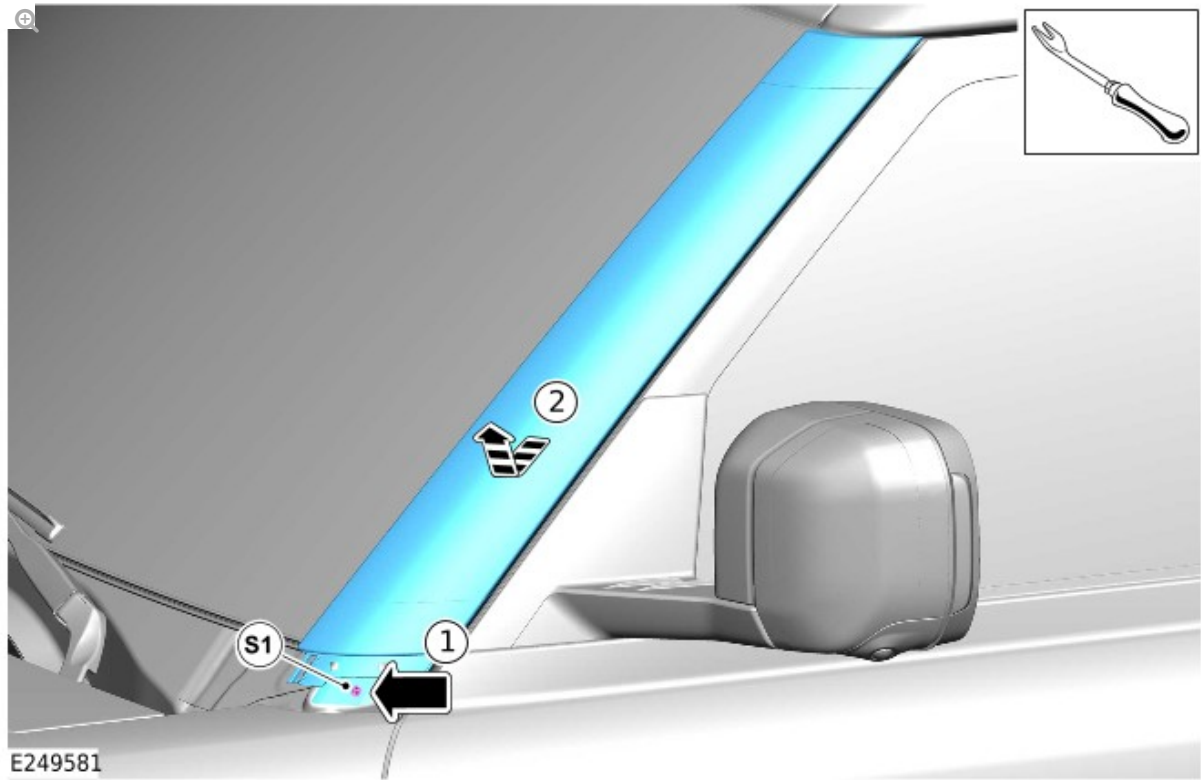


Use a suitable plastic trim tool to remove the lower section of the A-pillar trim.

2.

CAUTIONS:

- Take care to avoid damage to the vehicle paintwork and exterior finishers.
- Retain the A-pillar trim and the fixing.



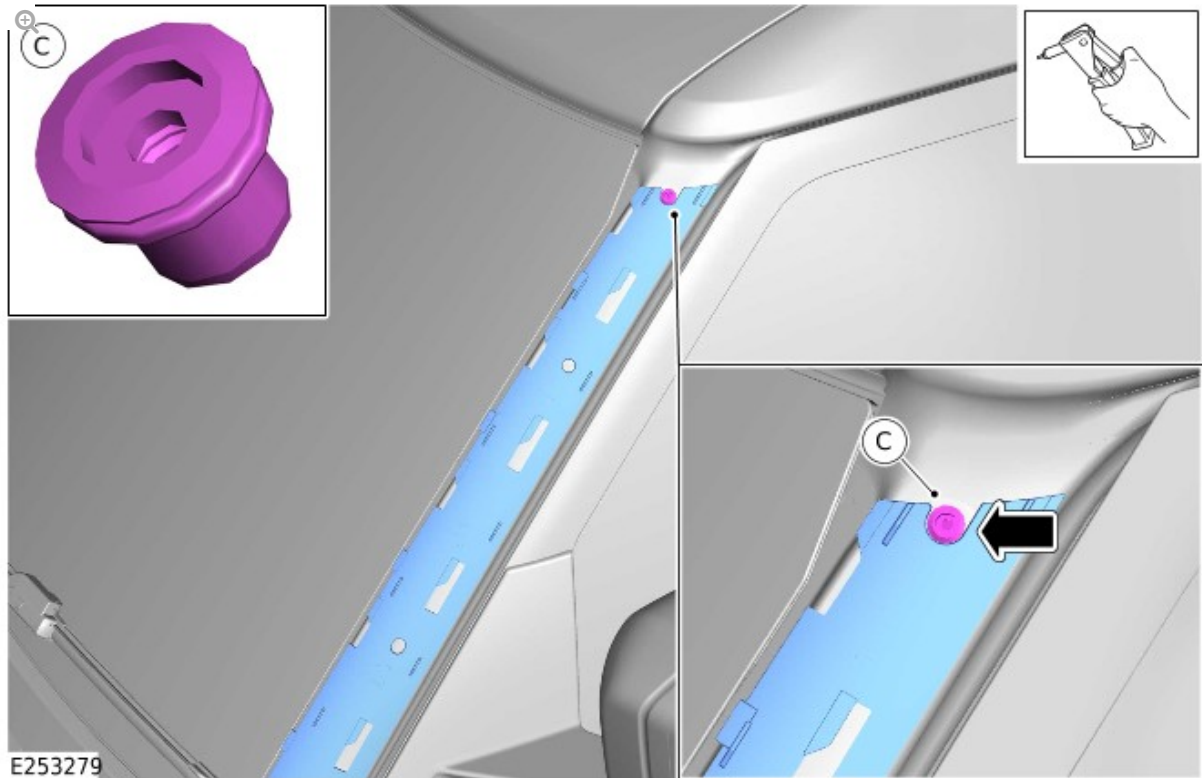
Use a suitable plastic trim tool to remove the A-pillar trim.

1. Remove the fixing (S1).
2. Remove the A-pillar trim by sliding downward first and then lifting away.

3.

WARNING:

Make sure that the rivet nut (C) is correctly formed in the A pillar and is checked to make sure it is secure before moving to the next step.



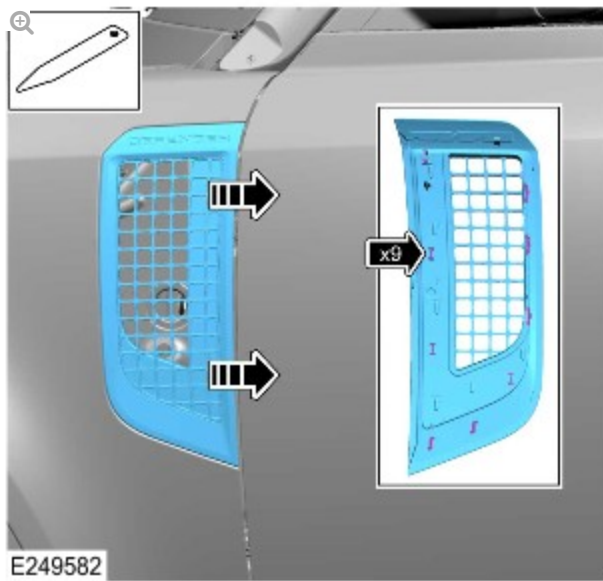
Use a rivet nut installation tool to install the rivet nut (C) to the vehicle body as illustrated.

1. There is a sticker over the hole that will need to be pierced before you install the rivet nut.
2. There is a cutout in the A-pillar trim that allows the rivet nut to be installed at the correct location.

4.

CAUTION:

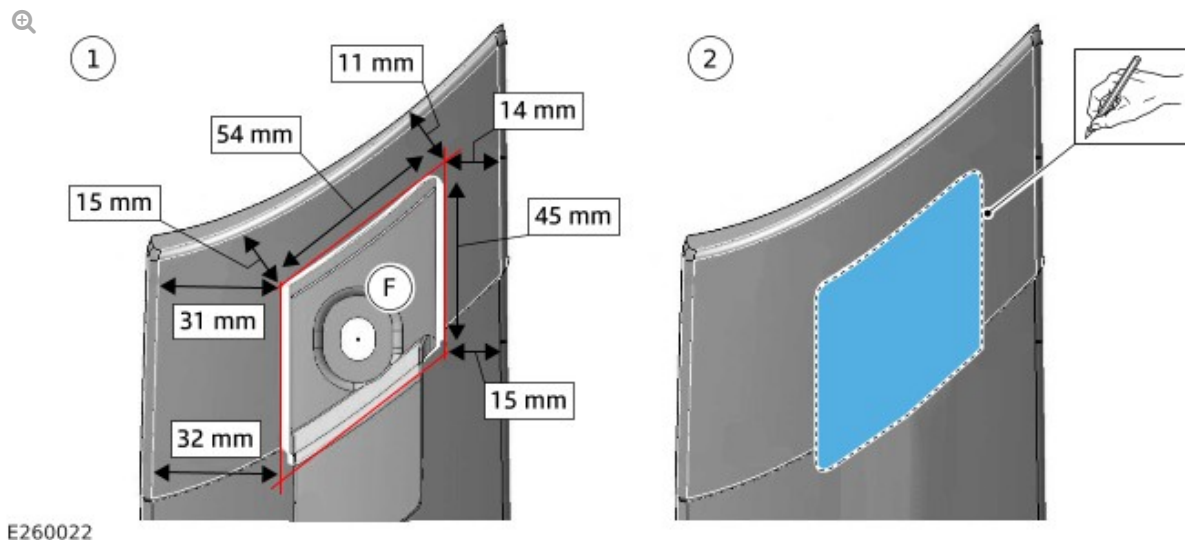
Take care to avoid damage to the vehicle paintwork and exterior finishers.



Use a suitable plastic trim tool to remove the side vent trim. Discard the side vent trim.

INSTALLATION

1.

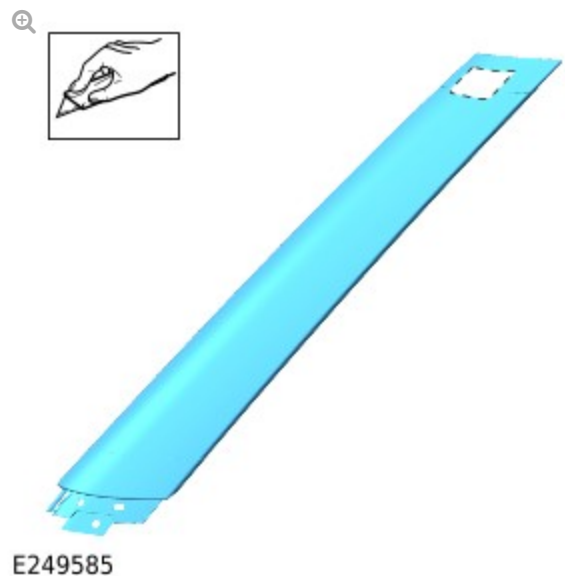


Create guide lines that define the area to be cut from the A-pillar trim.

1. Use the dimensions as illustrated to mark the area on the A-pillar trim that needs to be cut. Use the bracket (F) to check the guide lines are correct and help identify the cut guide lines.
2. Mark the cut guide line.

2.

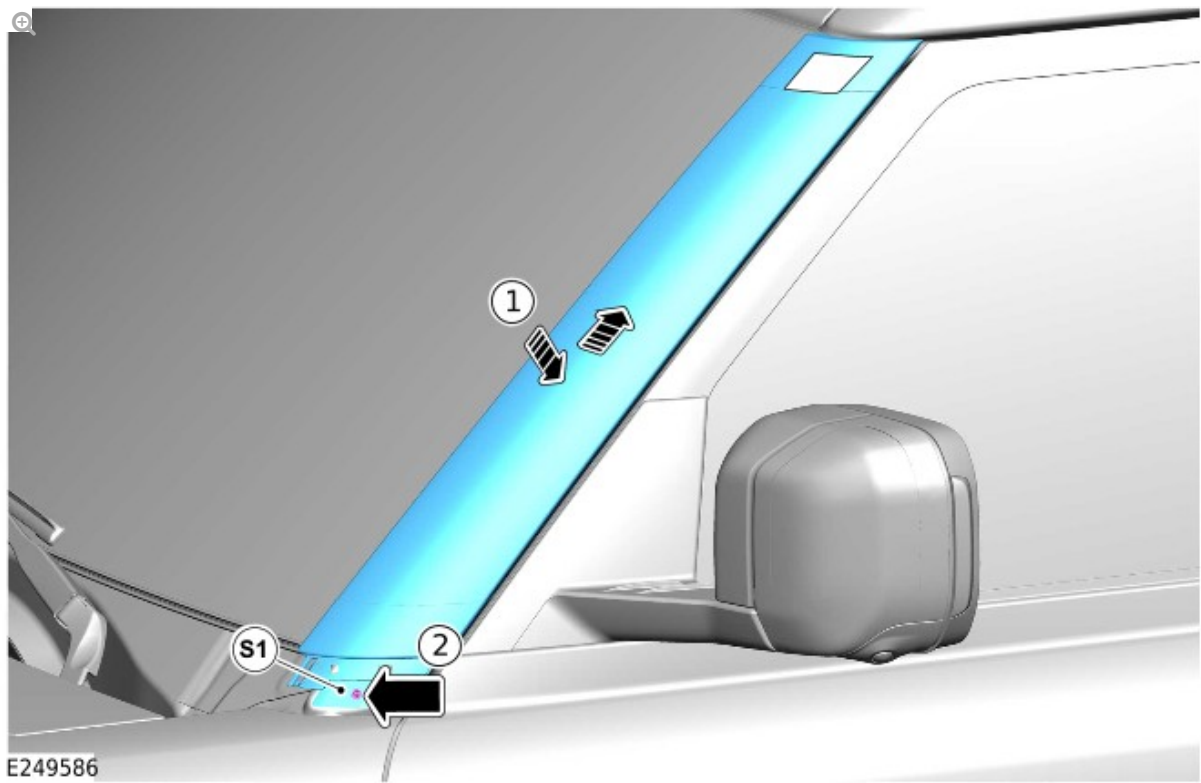
WARNING:
Make sure to wear suitable personal protective equipment.



Use suitable tooling to cut the A-pillar trim as illustrated.

- Cut the A-pillar trim by following the cut guide line.

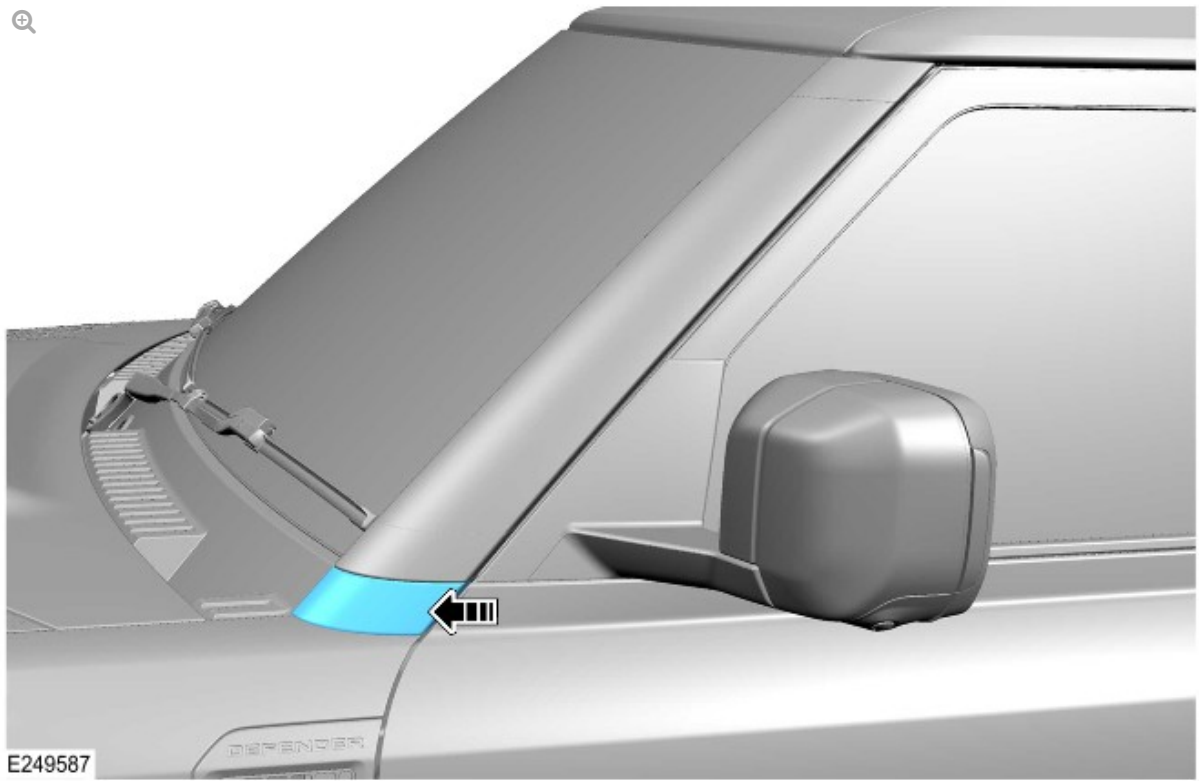
3.



Install the A-pillar trim.

1. Install the A-pillar trim. Locate onto the A-pillar and then slide upwards.
2. Install the fixing (S1).

4.

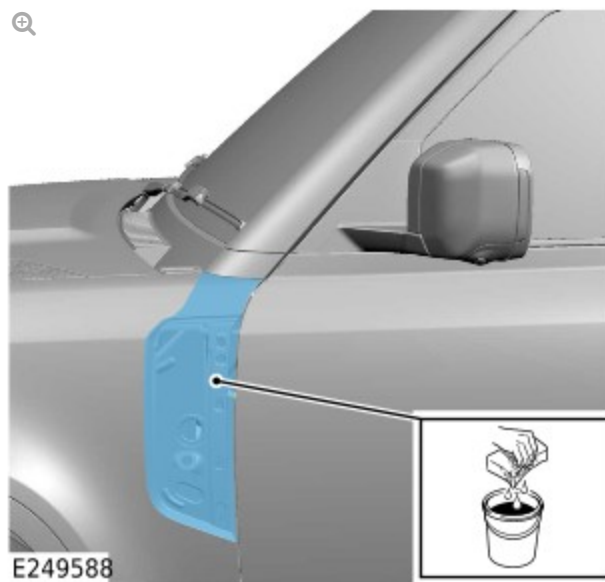


Install the lower section of the A-pillar trim.

5.

WARNING:

Make sure to wear suitable personal protective equipment.

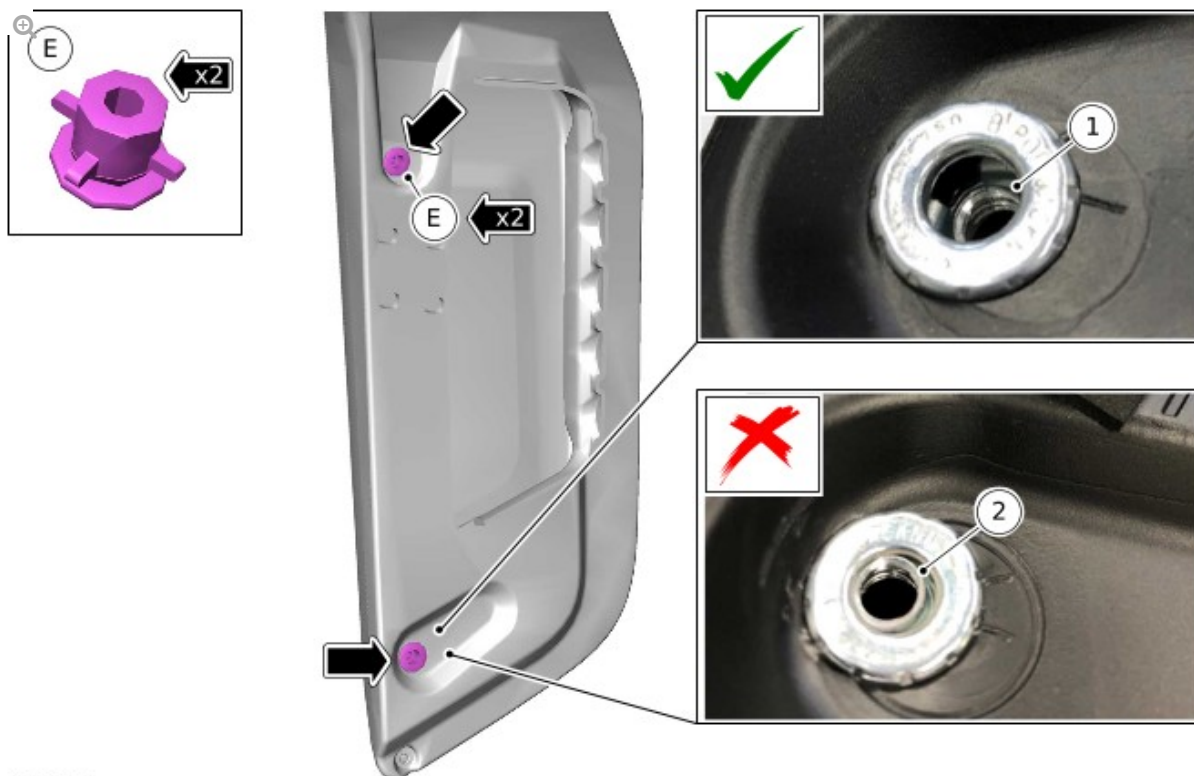


Clean the illustrated area.

6.

CAUTIONS:

- Take care to avoid damage to the raised air intake (A) when installing the rivet type nuts. Place protective material under the raised air intake during this step.
- Take care that the rivet type nuts are not over tightened. Check the appearance of the rivet type nut as illustrated.



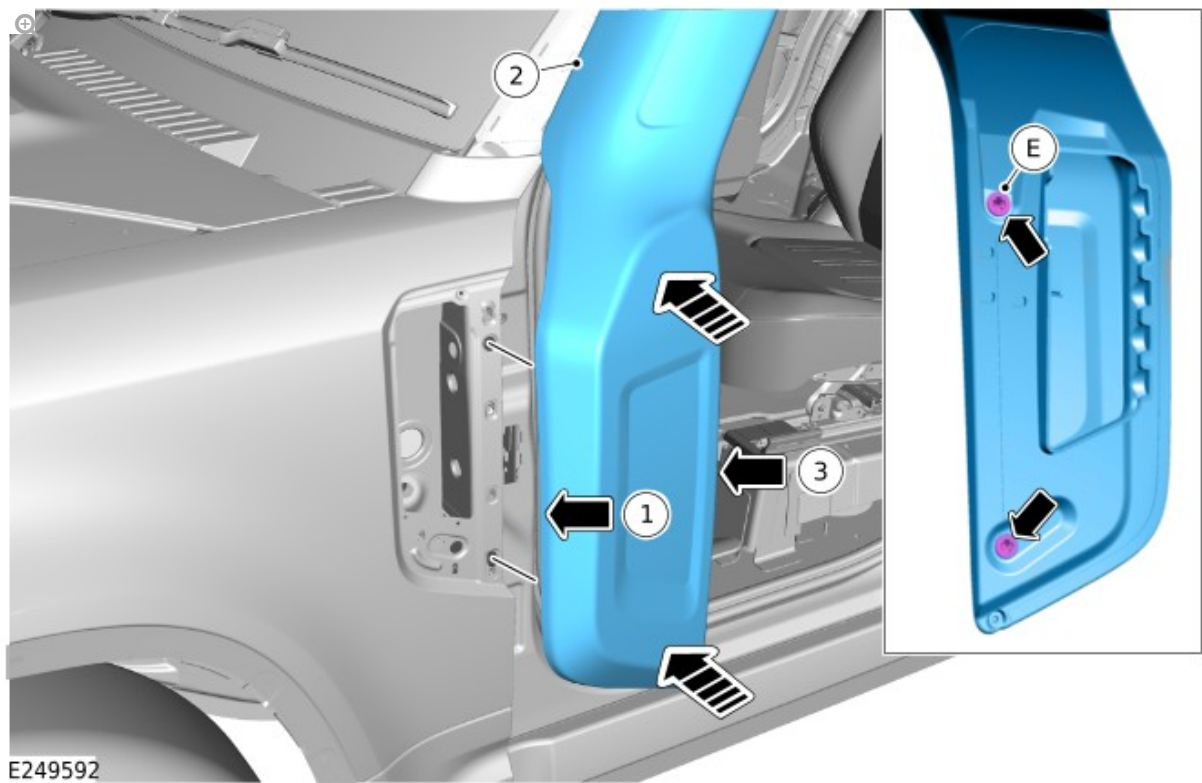
E260023

Use suitable tooling to install the 2 rivet type nuts (E) to the raised air intake (A) as illustrated. Do not over tighten the nuts.

1. Rivet type nut correctly installed. Note the correct recessed position of the thread. The thread must also be concentric to the fixing.
2. Rivet type nut damaged. Note the incorrect positioning of the thread which is sitting flush with the face of the fixing. The thread may also appear to one side within the fixing.

7. Remove the front left door. For additional information, refer to: [Front Door](#) (501-03 Body Closures, Removal and Installation). Ask your Jaguar Land Rover Retailer for a copy of this instruction if you do not have access to TOPIx.

8.



Align and position the raised air intake (A) against the vehicle.

1. Install the arrowed edge.
2. Check the alignment of the full height of the raised air intake against the A-pillar.
3. Install the arrowed edge. Make sure the rivet type nuts (E) align with the matching holes.

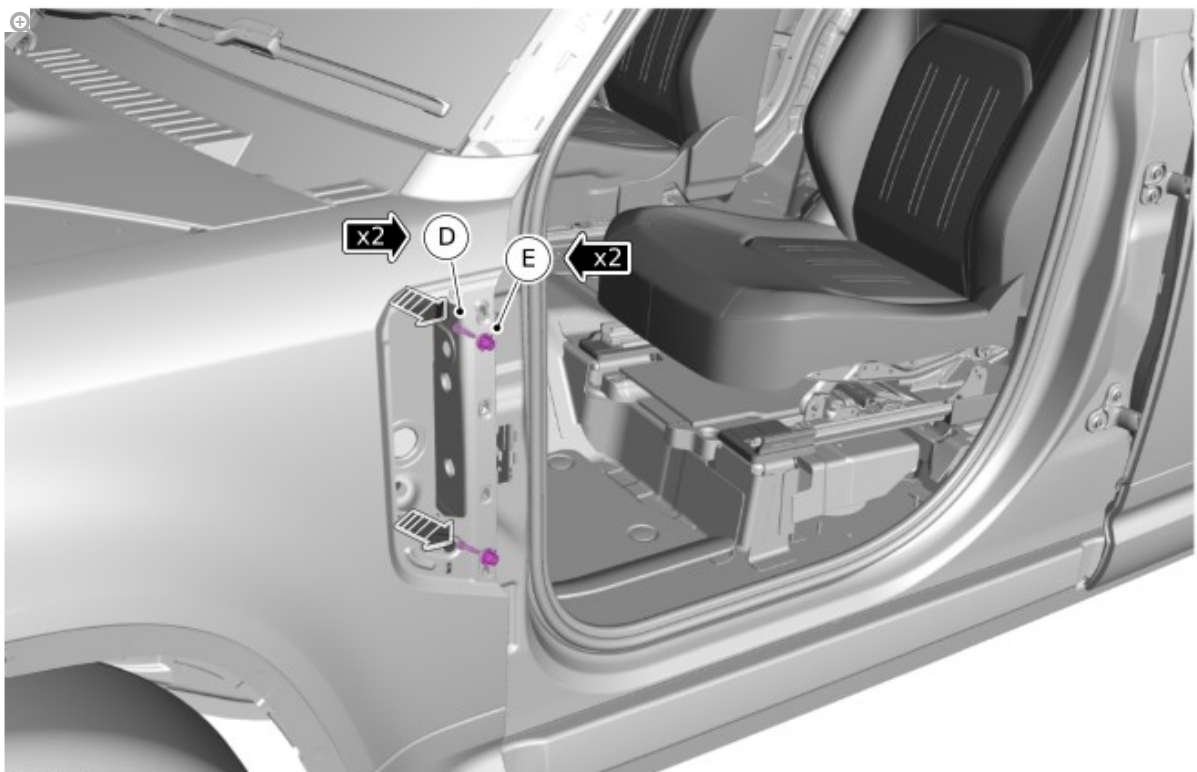
9.

CAUTIONS:

- Protect the gap between the door and the fender to prevent fixings from dropping into the void.
- Check the alignment of the raised air intake against the vehicle before installing.

NOTES:

- This step requires the aid of another person.
- Only the rivet nuts (E) in the raised air intake are shown. The remaining part of the raised air intake is hidden to provide extra clarity.



E260024

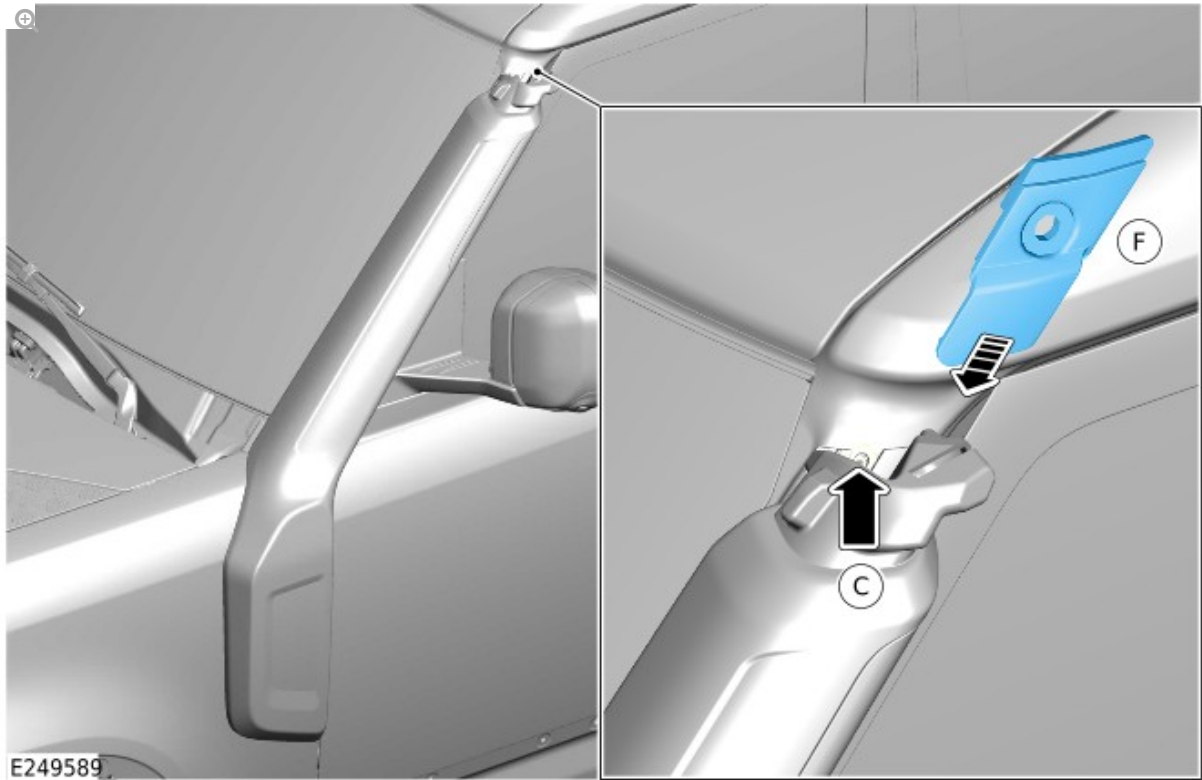
Install, but do not fully tighten the 2 bolts (D) to the 2 rivet type nuts (E) that are part of the raised air intake.

1. Install the bolts (D) from the inside of the vehicle side panel.

10.

NOTES:

- The A-pillar trim is hidden to provide extra clarity.
- Make sure the foam pad is attached to the top part of the bracket (F).



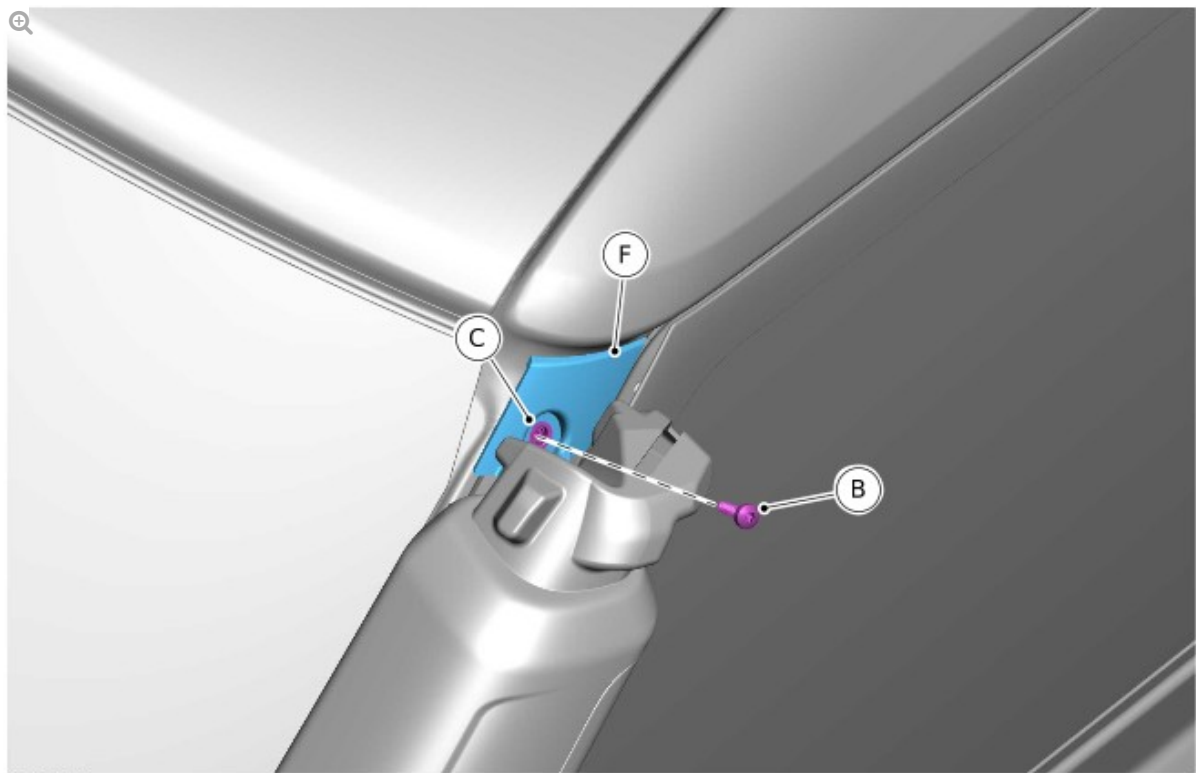
Install bracket (F) into the slot in the raised air intake.

- Make sure the hole in the bracket (F) aligns with the fixing (C).

11.

NOTE:

The A-pillar trim is hidden to provide extra clarity.



E249594

Install the bolt (B) through the bracket (F) and into the rivet nut (C).

- Torque: **4 Nm**

12.

WARNINGS:

- Risk of injury if the door closes when completing step. Make sure the door cannot move.
- If rivet type nut (E) is over torqued it will be damaged and result in the raised air intake not being securely held against the body.

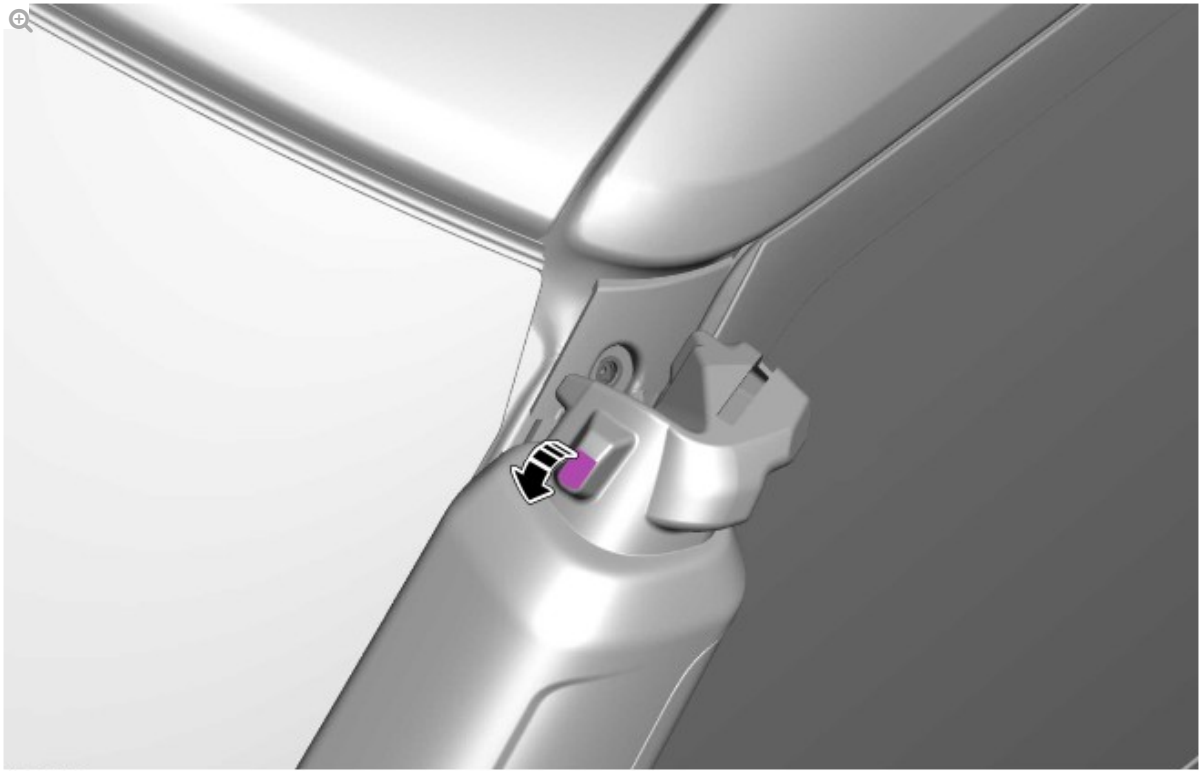
Torque the bolt (D) installed in step 9.

- Torque: **3 Nm**

13.

NOTE:

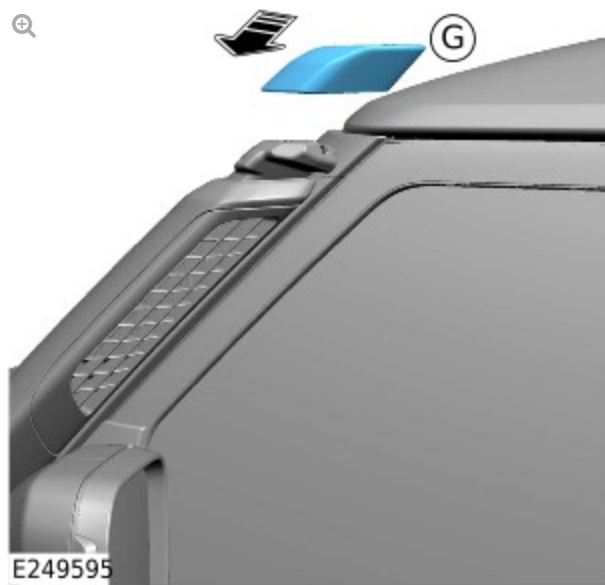
The A-pillar trim is hidden to provide extra clarity.



E253280

Remove the section of tape at the top of the raised air intake as illustrated.

14.



Install the cap (G) to the raised air intake.

- Apply pressure to the cap for 15 seconds to secure the cap to the adhesive tape on the raised air intake.

15.



Make sure the raised air intake is correctly installed.

- Make sure that the top of the raised air intake is aligned with the top of the A-pillar trim.