

JLRTB02133NAS

TECHNICAL BULLETIN

10 JUN 2025



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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.

INFORMATION

SECTION:

501-08

SUBJECT /CONCERN:

Tapping Noise From A-Pillar Area

AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:
Defender (LE)	2020 Onwards	000584 Onwards	Nitra (Slovakia)

MARKETS:

NORTH AMERICA

CONDITION SUMMARY:

SITUATION:

When traveling at speeds over 60 km/h (37 mph) a constant low-level tapping noise can be heard coming from the A-pillar area, on one or both sides of the vehicle. In some cases, further investigation may have found that the windshield moulding may have become loose.

CAUSE:

Insufficient windshield moulding clip tension.

ACTION:

Follow the instructions below.

PARTS:

NOTES:

- *A total allowance equivalent to £0.20 Sterling **per repair** has been allocated to locally source the parts listed below for '**vehicles without raise air intakes**'.
- **A total allowance equivalent to £0.40 Sterling **per repair** has been allocated to locally source the parts listed below for '**vehicles with raised air intakes**'.

PART NUMBER	DESCRIPTION	QUANTITY
Vehicles without raised air intake		
*ZZZ001	3M™ PX5008 adhesive tape	£0.20
Vehicles with raised air intake		
LR131675	Door hinge bolts	2
**ZZZ001	3M™ PX5008 adhesive tape	£0.20
**ZZZ001	3M™ double sided adhesive tape - PT 1100 (or equivalent)	£0.20

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
JLRTB - Windshield Moulding - Modification - Both sides - Without raised air intake	99.01.31	0.3	*	LR131995
JLRTB - Windshield Moulding - Modification - Both sides - With raised air intake	99.01.36	0.4	*	LR131995

 NOTE:

Normal Warranty procedures apply.

SERVICE INSTRUCTION: **CAUTION:**

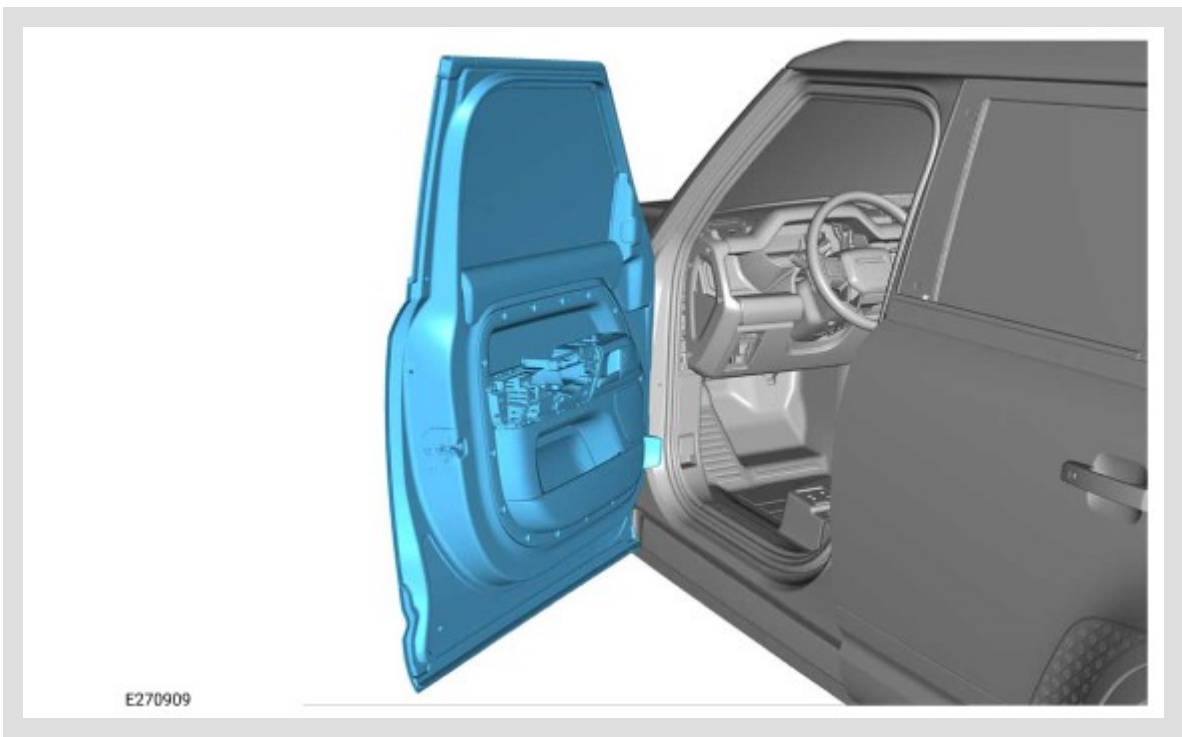
Always protect the paintwork and windows when removing exterior components.

 NOTES:

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

All vehicles

1.



Open the front left door.

Vehicles installed with raised air intakes only

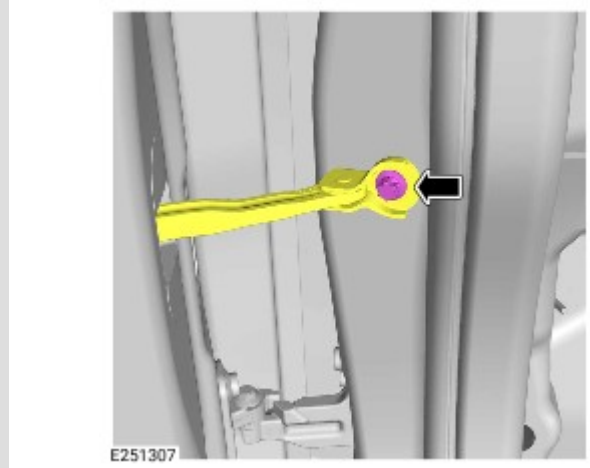
NOTE:

Raised air intakes are only installed on the left side of the vehicle. Do not complete steps 2 to 9 for the right side of the vehicle.

2.

Disconnect the startup battery ground cable (see TOPIx Workshop Manual section 414-00: Battery and Charging System - General Information - General Procedures - Startup Battery Disconnect and Connect).

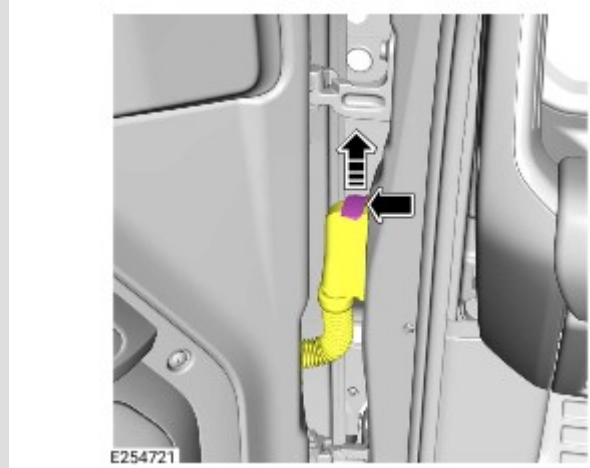
3.



Disconnect the front door check arm.

- Remove the bolt.

4.



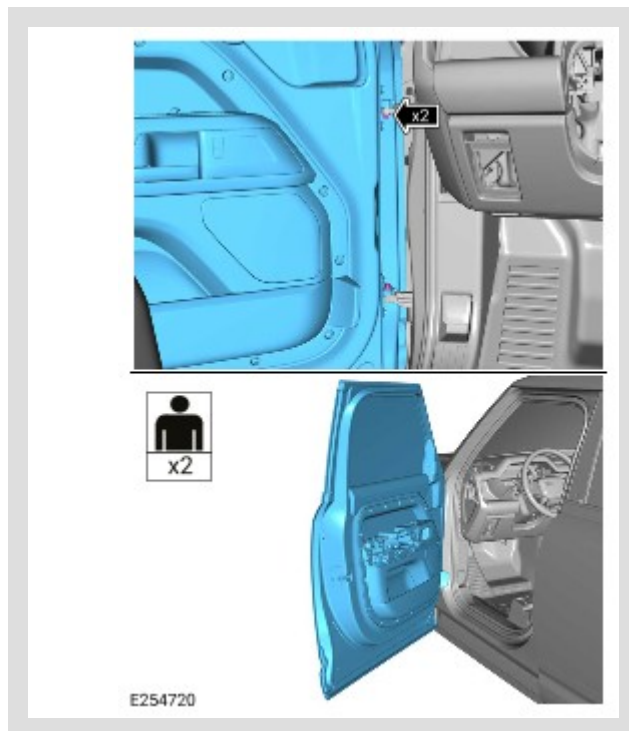
Disconnect the front door wiring harness from the body wiring harness.

⚠ CAUTIONS:

- Lay the front door on felt covered supports.
- The component may be heavy. Take extra care when handling.

⚠ NOTE:

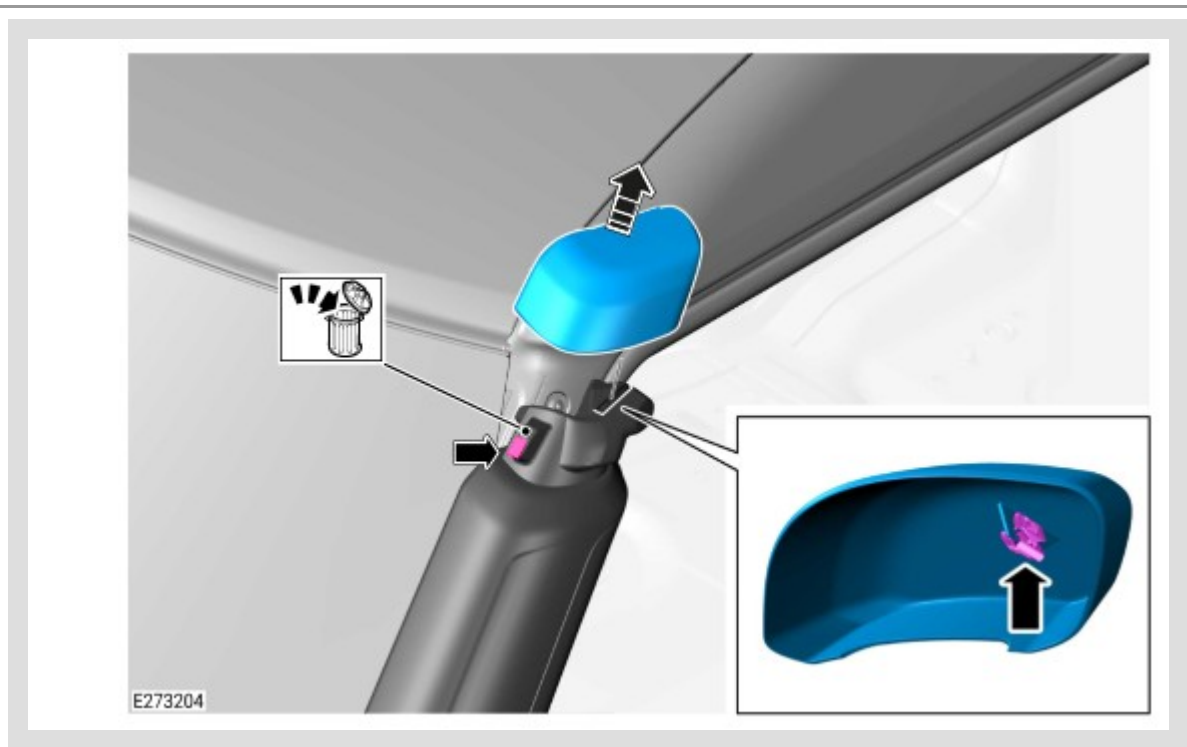
This step requires the assistance of another technician.



Remove the front left door.

- Remove and discard the 2 bolts.

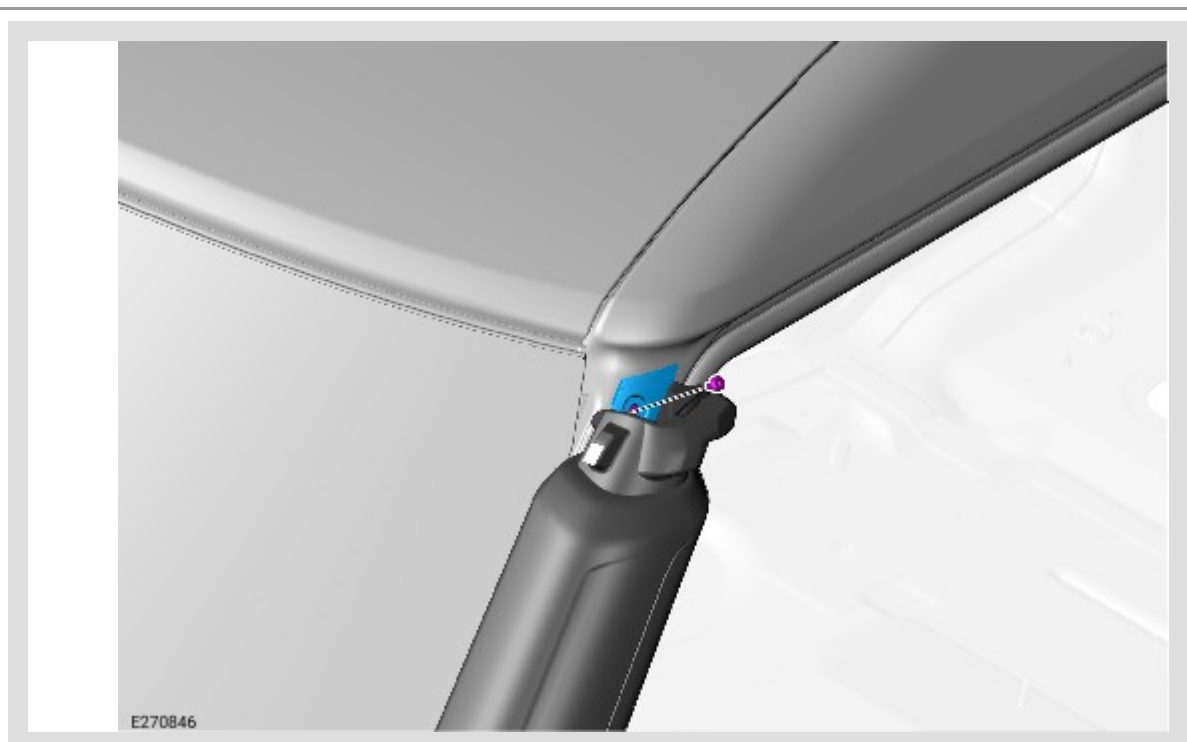
6.



Remove the cover.

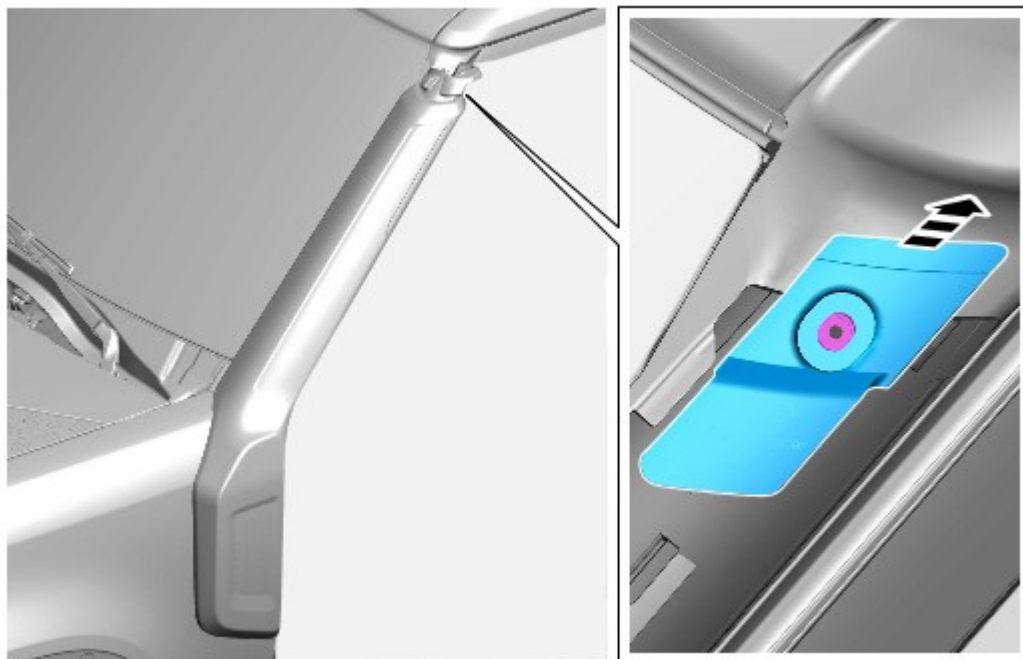
- Release the clip.
- Remove and discard the double sided tape.

7.



Remove the bolt.

8.



E270850

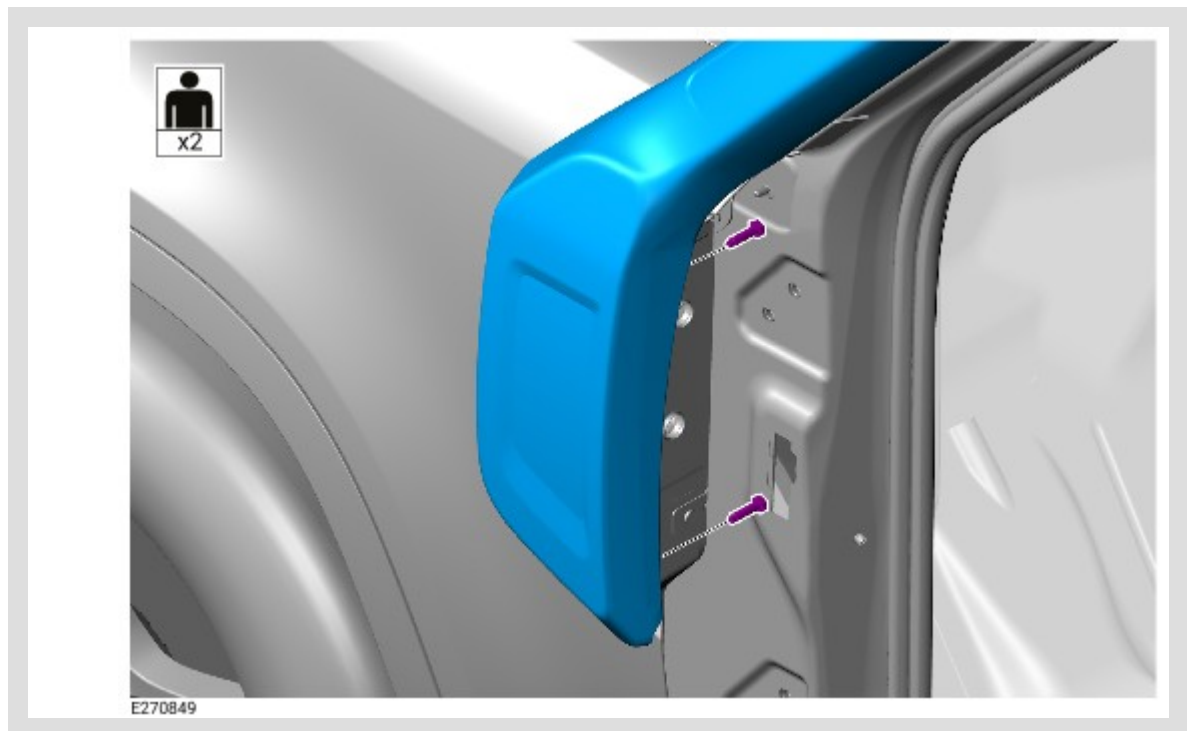
Remove the bracket.

⚠ CAUTION:

Protect the gap between the body and the fender to prevent fixings from dropping into the void.

⚠ NOTE:

This step requires the assistance of another technician.



Remove the raised air intake.

- Remove the 2 bolts.

All vehicles

10. MP4 video - cannot be viewed in PDF



This video shows a demonstration of how to remove the windshield moulding bolt cover.

11.

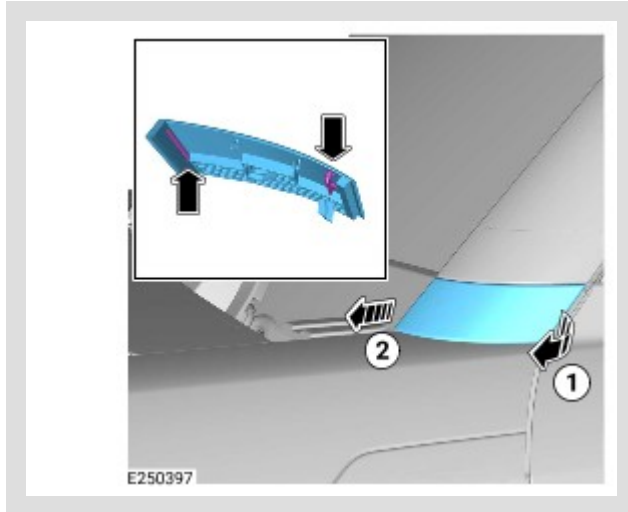


Inspect the windshield moulding bolt cover for delaminating.

- If the windshield moulding bolt cover **IS** delaminated, it must be replaced.
- If the windshield moulding bolt cover **IS NOT** delaminated, do not discard it.

⚠ CAUTION:

Extra care must be taken not to damage the windshield moulding bolt cover.

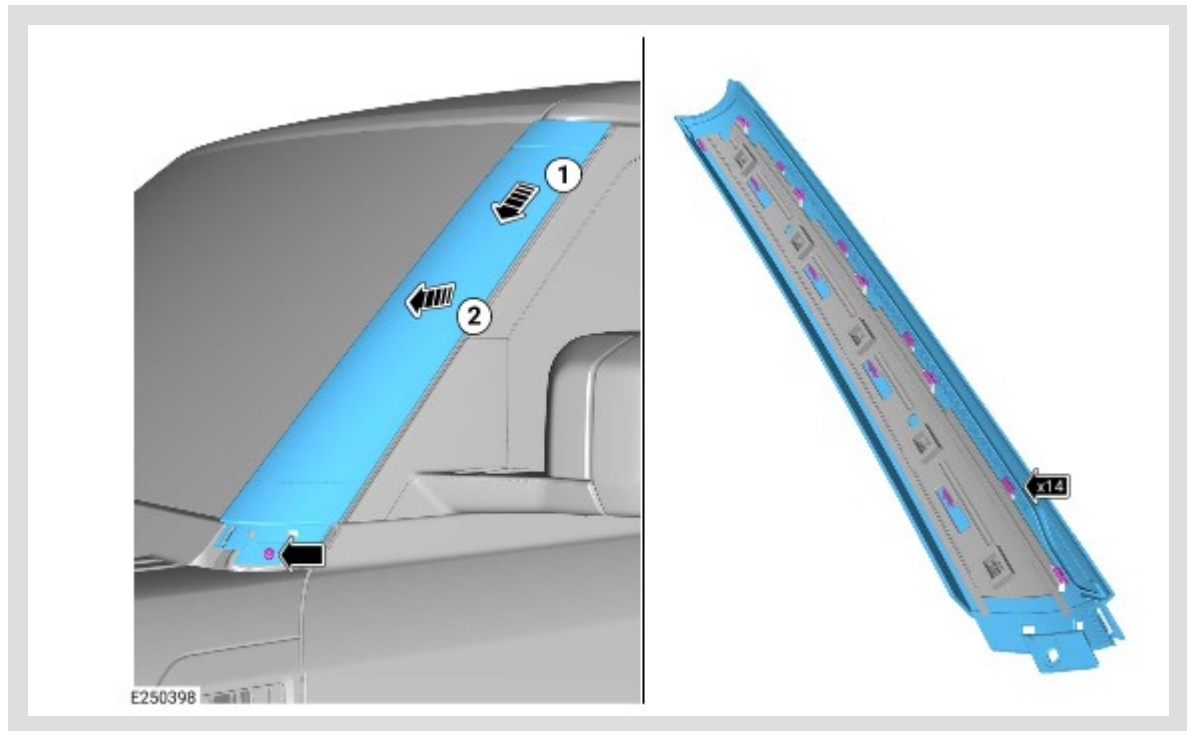


Release the 2 clips to remove the left windshield moulding bolt cover.

1. Release the clip closest to the door first, in the direct shown in the illustration.
2. Release the second clip by pulling the bolt cover away from the vehicle in a forward direction.

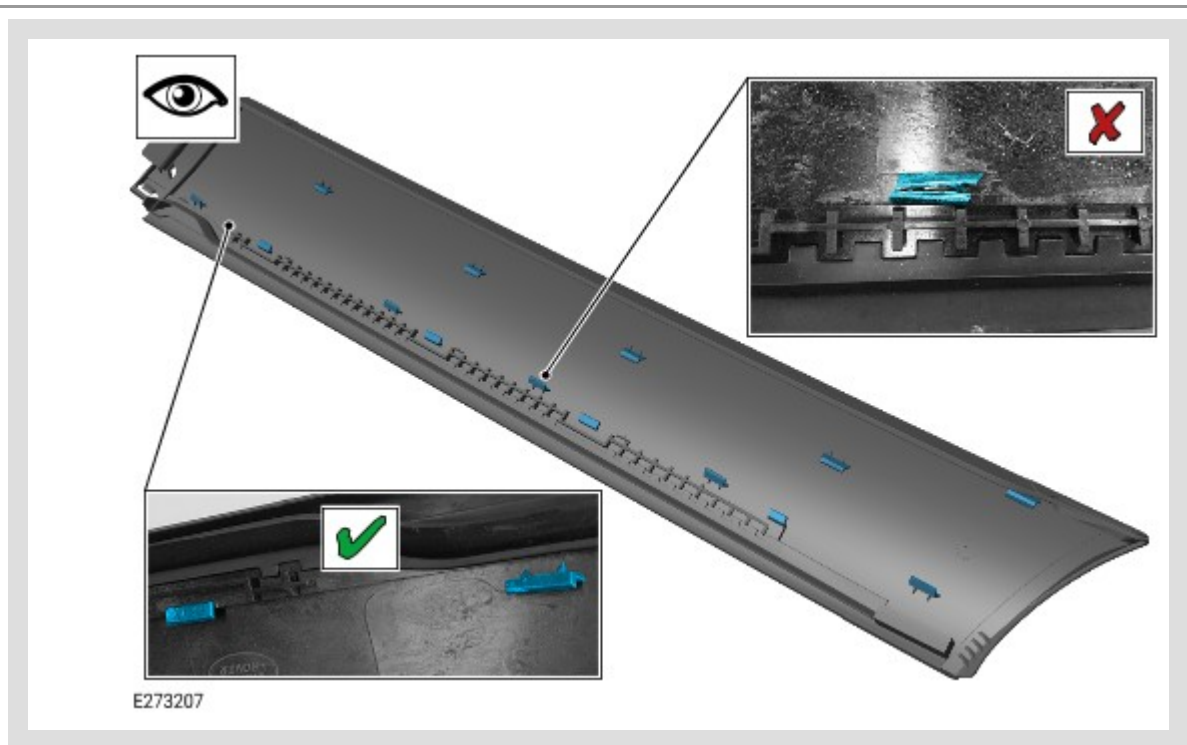
⚠ CAUTIONS:

- Extra care must be taken not to damage the windshield moulding.
- Do not use tools during this operation, removal of the component must be completed by hand.



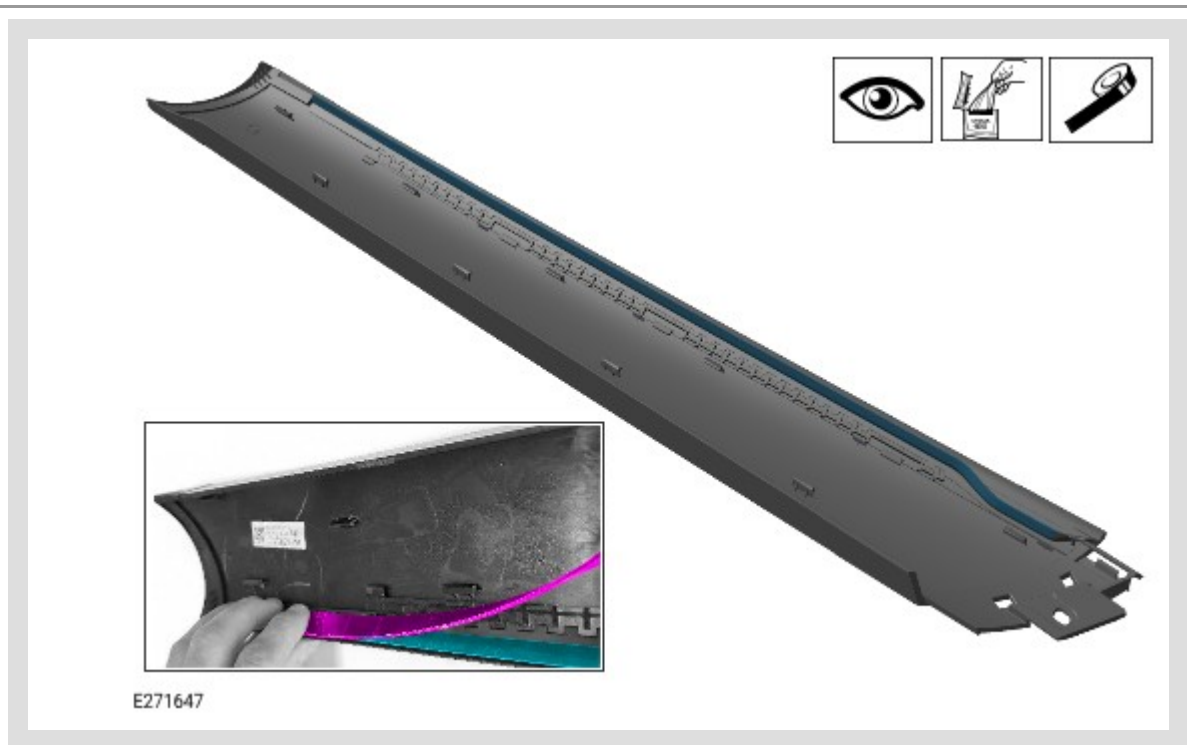
Remove the retaining bolt and then remove the left windshield moulding.

1. Pull the windshield moulding down in the direction shown in the illustration.
2. Release the windshield moulding from the vehicle by pulling in a forward direction.



Inspect the windshield moulding for damaged clip features.

- If the clip features **are not** damaged, as shown in the image with a **GREEN "**, **continue to step 15.**
- If any of the clip features **are** damaged, as shown in the image with a **RED 'X'**, **a new windshield moulding must be ordered and claimed as part of a separate warranty claim before continuing to step 15.**



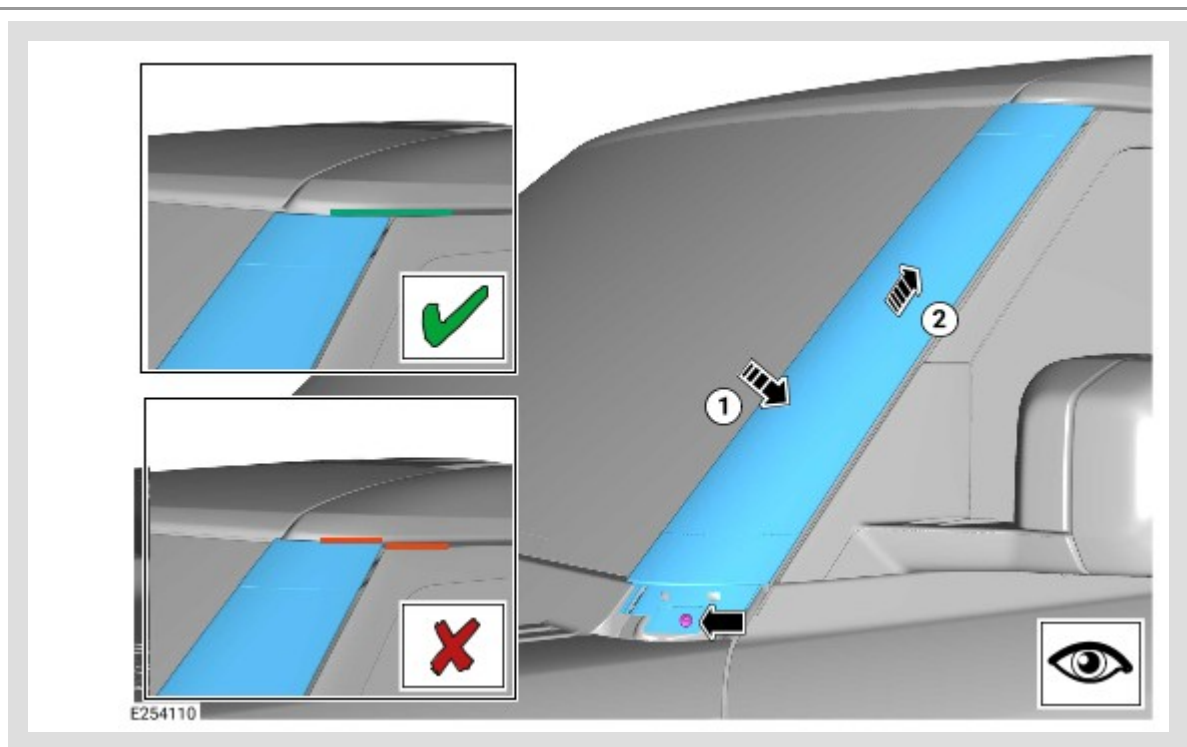
Inspect the rubber seal on the windshield moulding for damage. If the seal is damaged a new windshield moulding is required before continuing with this step, this must be claimed as a separate warranty claim.

- Using a suitable surface cleaner, clean the inside edge of the rubber seal, as shown highlighted in the illustration.
- Cut a length of 3M PX5008 adhesive tape to the following dimensions:
 - **10 mm x 620 mm**

 NOTE:

The 3M PX5008 adhesive tape must be aligned with the edge of the rubber seal.

Gradually remove the adhesive backing and install the 3M PX5008 adhesive tape in small sections at a time. Firm pressure must be applied along the entire length of the rubber seal for the adhesive to bond correctly.



Install the windshield moulding in the directions shown in the illustration.

 NOTE:

All of the clips must be correctly located and fully engaged.

Do not fully tighten the retaining bolt at this stage.

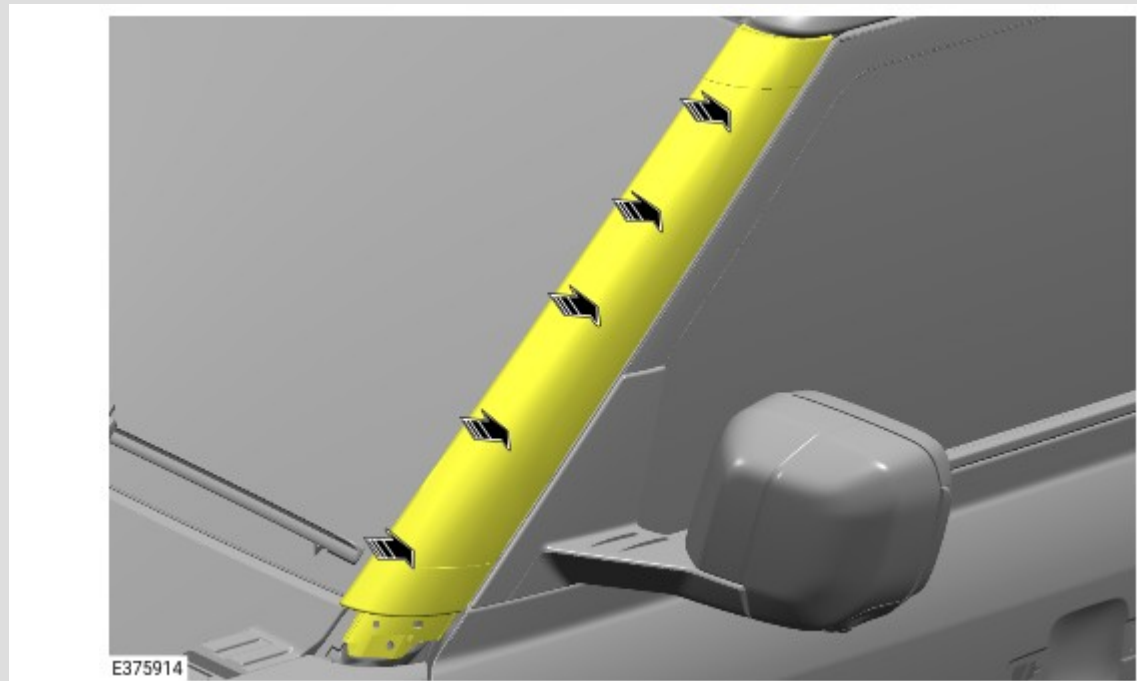
17.



Check all of the windshield moulding clips are correctly located by rotating the windshield moulding in the directions shown in the illustration.

- If excessive movement and/or an excessive gap between the windshield moulding and the windshield **is** evident, **remove the windshield moulding and repeat step 16.**
- If excessive movement and/or an excessive gap between the windshield moulding and the windshield **is not** evident, **continue to step 18.**

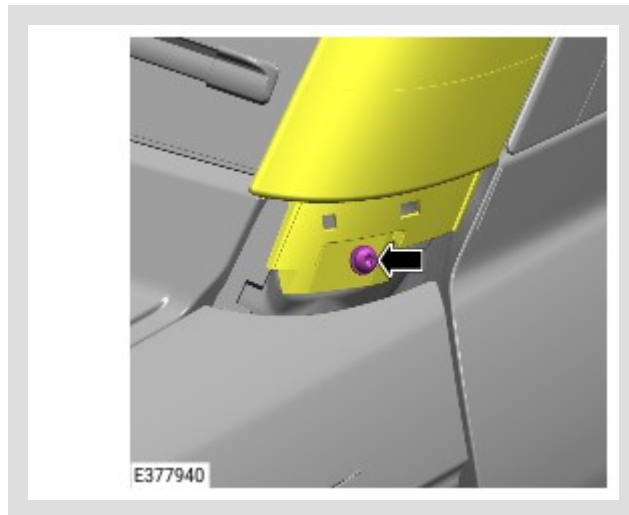
18.



Remove the adhesive backing from the 3M PX5008 adhesive tape.

- Hand pressure must be applied to the windshield moulding to make sure the adhesive tape is firmly adhered to the lower windshield moulding.

19.



Fully tighten the retaining bolt.

- Torque: **6 Nm**

All Vehicles

20.

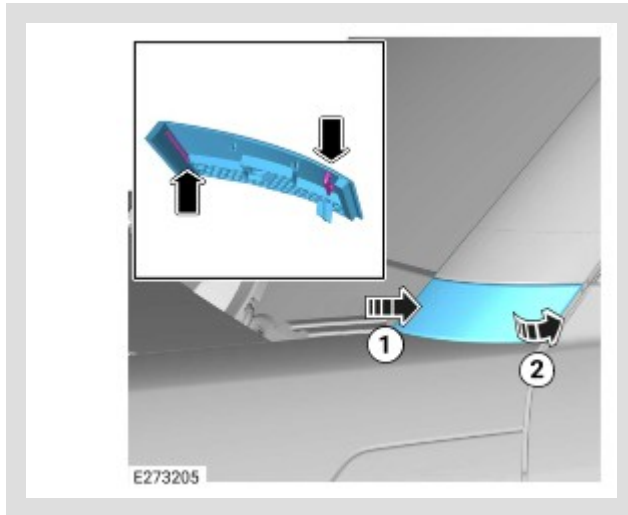
MP4 video - cannot be viewed in PDF



This video shows a demonstration of how to install the windshield moulding bolt cover.

 NOTES:

- When installing the windshield moulding bolt cover an audible click must be heard.
- When installing the windshield moulding bolt cover it must be flush with the windshield moulding.



Install the windshield moulding bolt cover.

1. Secure the clip closest to the windshield first, in the direction shown in the illustration.
2. Secure the second clip in the direction shown in the illustration..

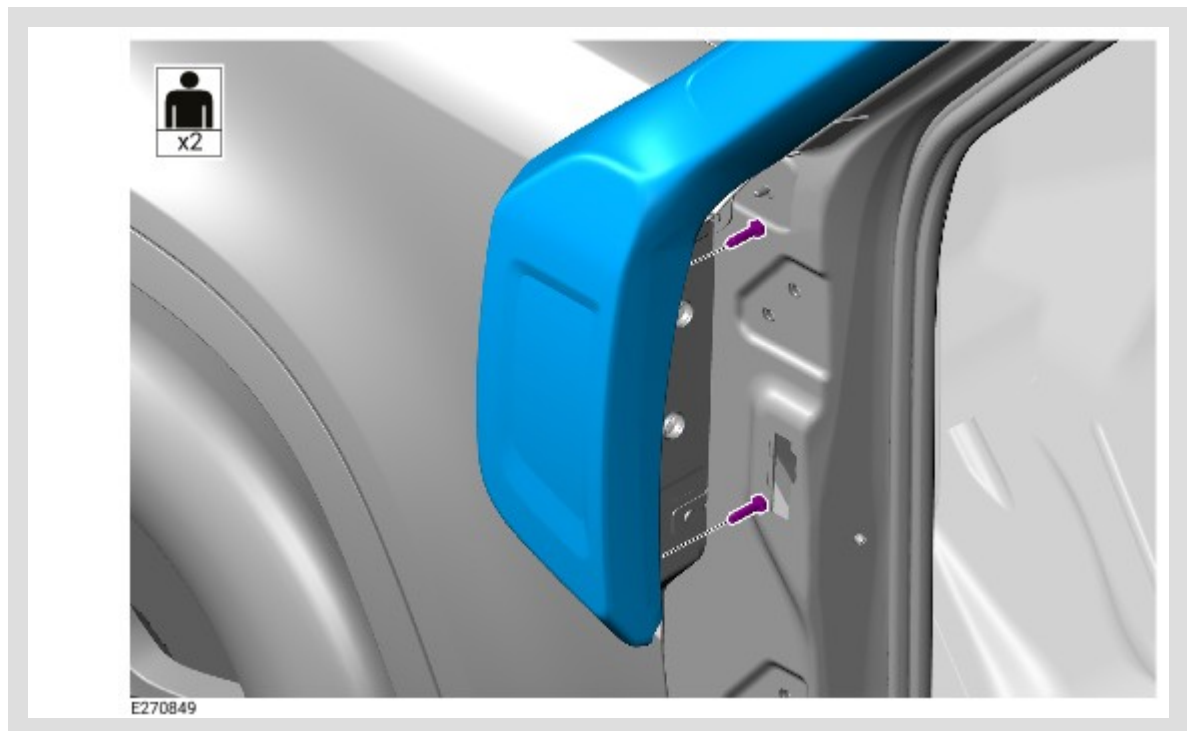
Vehicles installed with raised air intakes only

⚠ CAUTION:

Protect the gap between the body and the fender to prevent fixings from dropping into the void.

⚠ NOTE:

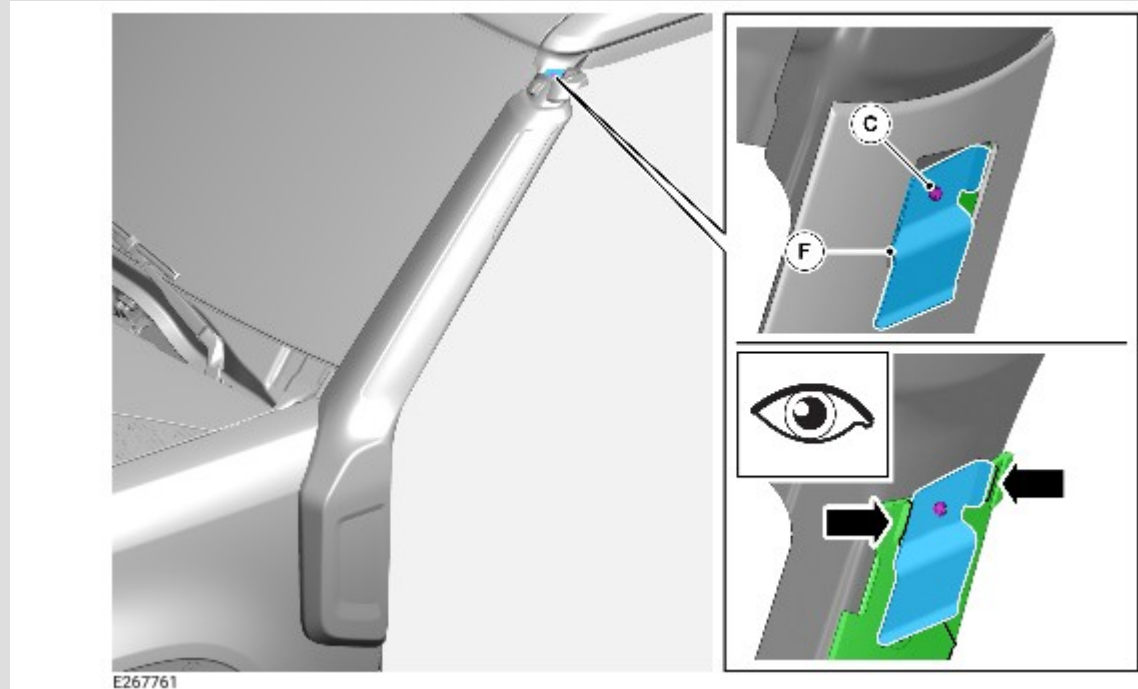
This step requires the assistance of another technician.



Install the raised air intake.

- Install the 2 bolts but do not fully tighten.

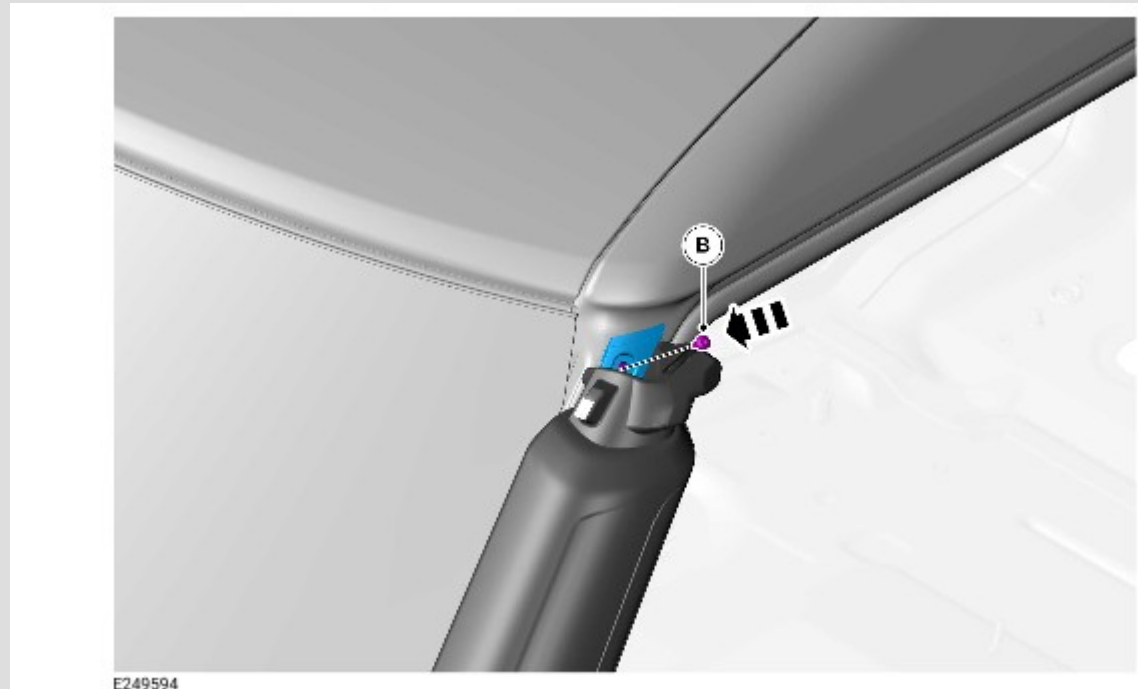
23.



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

- The hole in the bracket (F) must align with the fixing (C).

24.



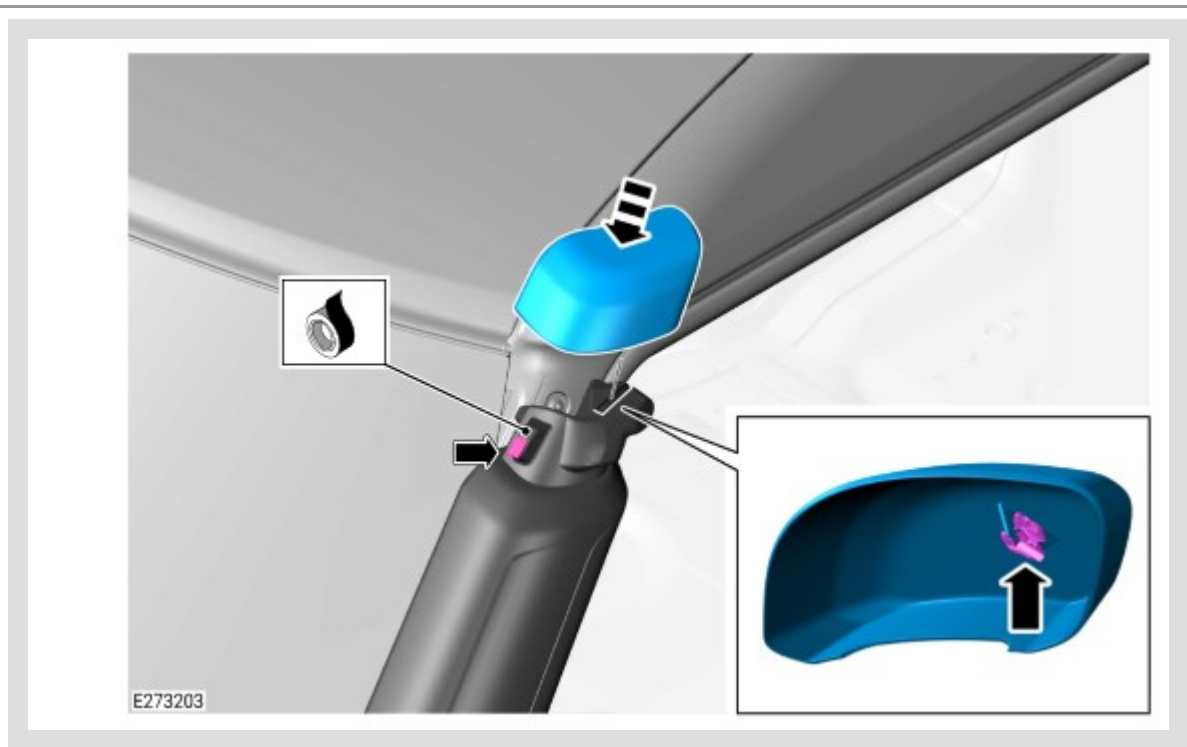
Install the bolt (B) through the bracket and into the fixing.

- Torque: **4 Nm**

25.

Fully tighten the 2 bolts from **step 21**.

- Torque: **3 Nm**



Install the cover.

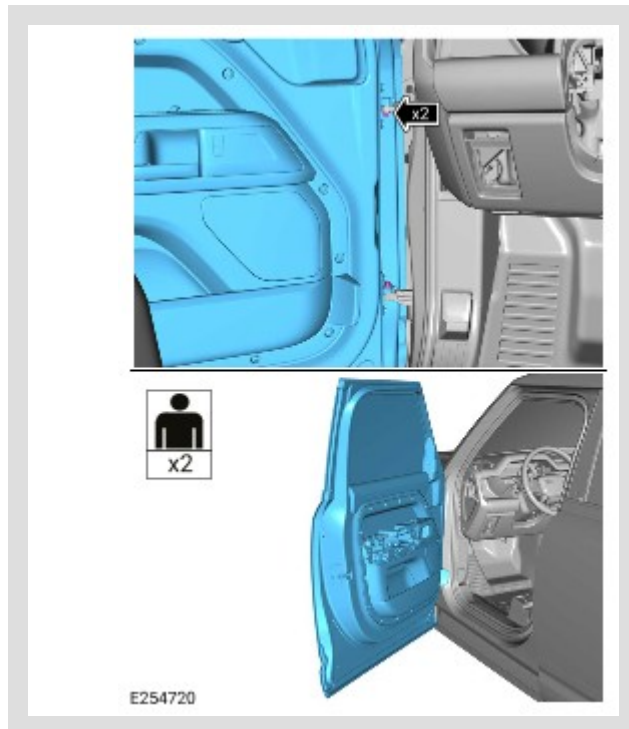
- Install a new piece of 3M PT 1100 (or equivalent) double sided tape (9 mm x 15 mm) as shown in the illustration.
- Secure the clip.

⚠ CAUTION:

The component may be heavy. Take extra care when handling.

⚠ NOTE:

This step requires the assistance of another technician.



Install the front left door.

- Install and tighten the 2 new bolts.
 - Torque: **30 Nm**

28.



Connect the front door wiring harness from the body wiring harness.

29.

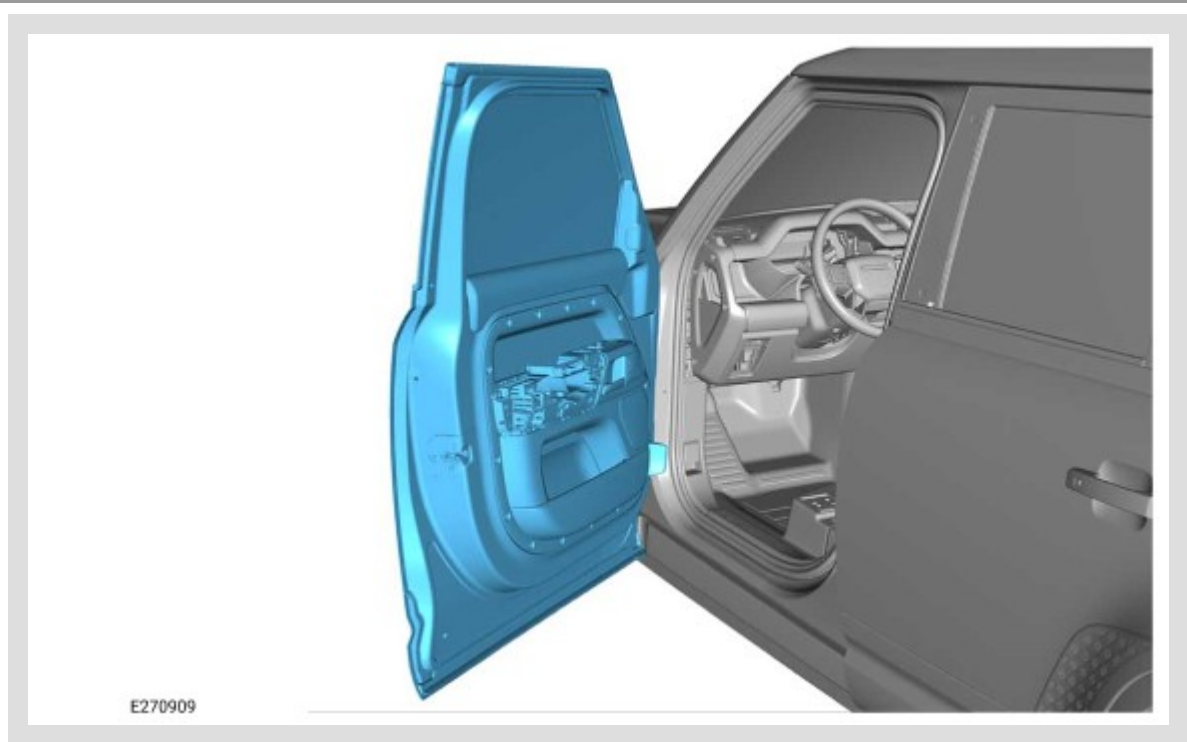


Connect the front door check arm.

- Install and tighten the bolt.
- Torque: **25 Nm**

All vehicles

30.



Close the front left door.

31. Repeat steps 1 to 30 for the other side.

Vehicles installed with raised air intakes only

32. Connect the startup battery ground cable (see TOPIx Workshop Manual section 414-00: Battery and Charging System - General Information - General Procedures - Startup Battery Disconnect and Connect).

33. Complete the door window motor initialization procedure. (see TOPIx Workshop Manual section 501-11: Glass, Frames and Mechanisms - General Procedures - Door Window Motor Initialization).