

JLRTB02058NAS2

TECHNICAL BULLETIN

11 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

This bulletin supersedes TSB JLRTB02058NAS1/2021 dated 19 AUG 2021, which should either be destroyed or clearly marked to show it is no longer valid (e.g. with a line across the page). Only refer to the electronic version of this Technical Bulletin in TOPIx.

Changes are highlighted in blue

SECTION:

501-08

SUBJECT /CONCERN:

Tapping Noise From A-Pillar Area

AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:
Defender (LE)	2020-2022	000584-091510	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.

This bulletin has been updated due to changes to the Parts Section and the Service Instruction.

CAUSE:

Insufficient windshield moulding clip tension.

ACTION:

Follow the instructions below.

PARTS: **NOTES:**

- *A total allowance equivalent to £1.20 Sterling **per repair** has been allocated to locally source the parts listed below for '**vehicles without raise air intakes**'.
- **A total allowance equivalent to £1.40 Sterling **per repair** has been allocated to locally source the parts listed below for '**vehicles with raised air intakes**'.
- ***A total allowance equivalent to £6.20 **per repair** has been allocated to locally source the parts listed below for '**vehicles without raise air intake - Within Vehicle Identification Number (VIN) range 001508 to 017609**' .
- ****A total allowance equivalent to £6.40 **per repair** has been allocated to locally source the parts listed below for '**vehicles with raise air intake - Within VIN range 001508 to 017609**' .

PART NUMBER	DESCRIPTION	QUANTITY
Vehicles without raised air intake		
*ZZZ001	Felt tape - 2mm thick	£1.00
*ZZZ001	3M™ PX5008 adhesive tape	£0.20
Vehicles with raised air intake		
LR131675	Door hinge bolts	2
**ZZZ001	Felt tape - 2mm thick	£1.00
**ZZZ001	3M™ PX5008 adhesive tape	£0.20
**ZZZ001	3M™ double sided adhesive tape - PT 1100 (or equivalent)	£0.20
Vehicles without raised air intake - Within VIN range 001508 to 017609		
***ZZZ001	Felt tape - 2mm thick	£1.00
***ZZZ001	3M™ PX5008 adhesive tape	£0.20
***ZZZ001	3M™ EPX applicator - DS272990500	£5.00
LR159365	3M™ DP8810NS (45 ml) cartridge and nozzle	1

PART NUMBER	DESCRIPTION	QUANTITY
Vehicles with raised air intake - Within VIN range 001508 to 017609		
LR131675	Door hinge bolts	2
****ZZZ001	Felt tape - 2mm thick	£1.00
****ZZZ001	3M™ double sided adhesive tape - PT 1100 (or equivalent)	£0.20
****ZZZ001	3M™ PX5008 adhesive tape	£0.20
****ZZZ001	3M™ EPX applicator - DS272990500	£5.00
LR159365	3M™ DP8810NS (45 ml) cartridge and nozzle	1

WARRANTY:

△ NOTE:

* When submitting your Warranty claim within the Warranty portal, use the Condition Code list shown to select the Condition Code which best describes the vehicle defect.

△ 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
JLRTB02058 - Windshield Moulding - Modification - Both sides - Without raised air intake	99.01.31	0.3	*	LR131995
JLRTB02058 - Windshield Moulding - Modification - Both sides - With raised air intake	99.01.36	0.4	*	LR131995

DESCRIPTION	SRO	TIME (HOURS)	CONDITION CODE	CAUSAL PART
JLRTB02058 - Windshield Moulding - Modification - Both sides - Vehicles without raised air intake - Within VIN range 001508 to 017609	99.01.37	0.5	*	LR131995
JLRTB02058 - Windshield Moulding - Modification - Both sides - Vehicles with raised air intake - Within VIN range 001508 to 017609	99.01.38	0.6	*	LR131995

NOTE:

Normal Warranty procedures apply.

SERVICE INSTRUCTION:

CAUTION:

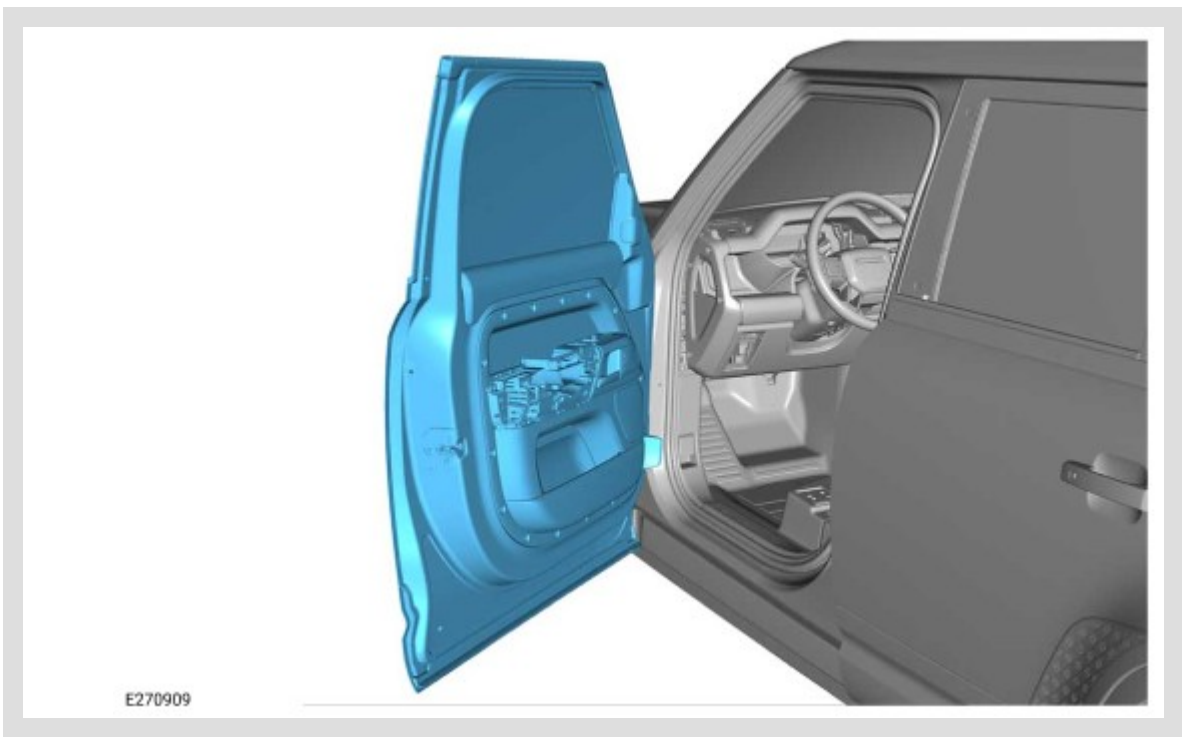
Always protect the paintwork and windows when removing exterior components.

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

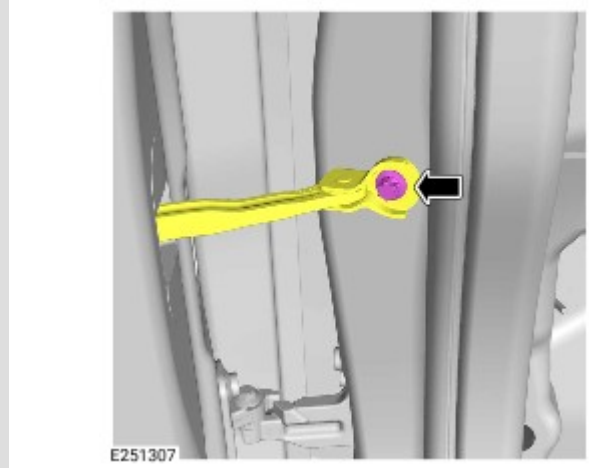
NOTE:

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).

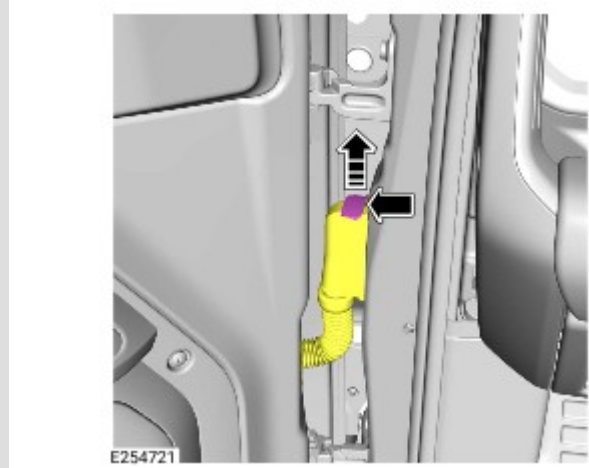
3.



Disconnect the front door check arm.

- Remove the bolt.

4.



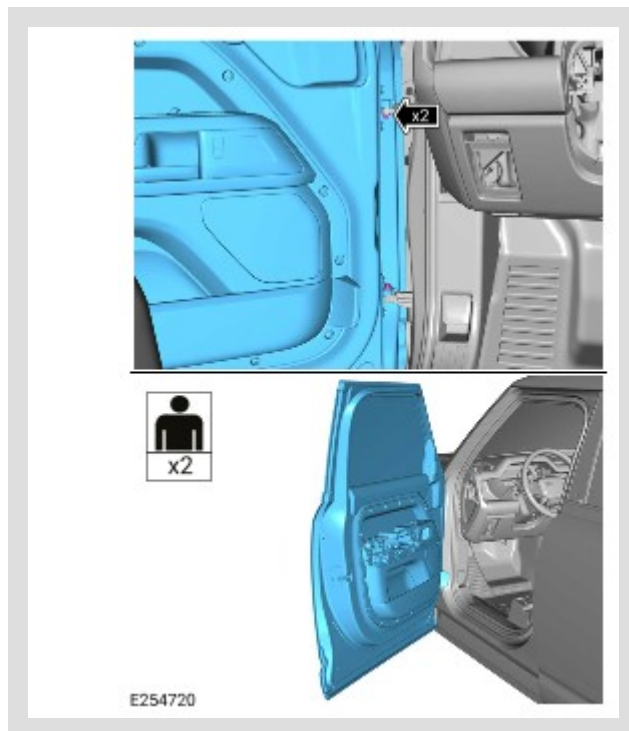
Disconnect the front door wiring harness from the body wiring harness.

⚠ CAUTIONS:

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

⚠ NOTE:

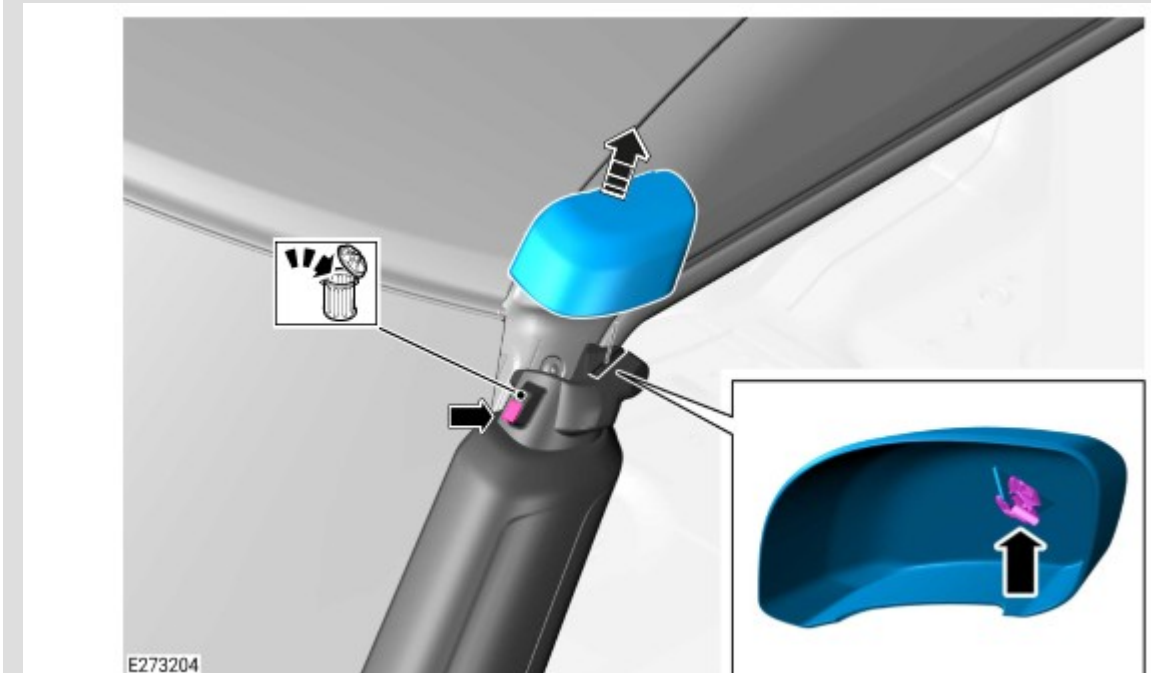
This step requires the assistance of another technician.



Remove the front left door.

- Remove and discard the 2 bolts.

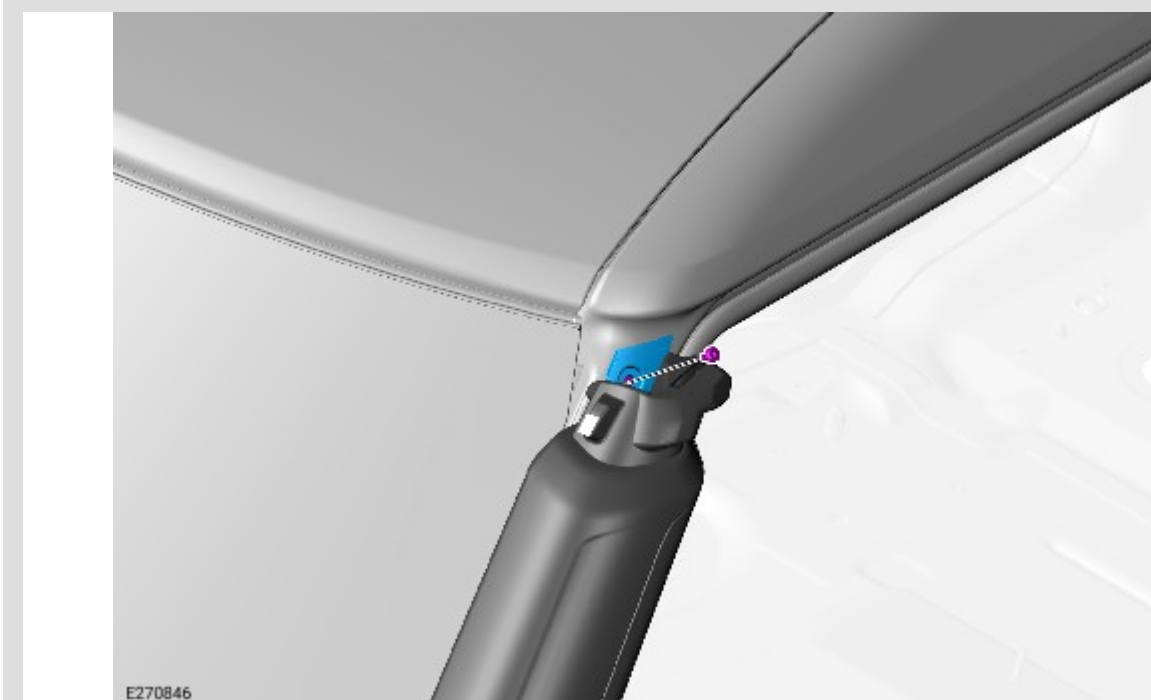
6.



Remove the cover.

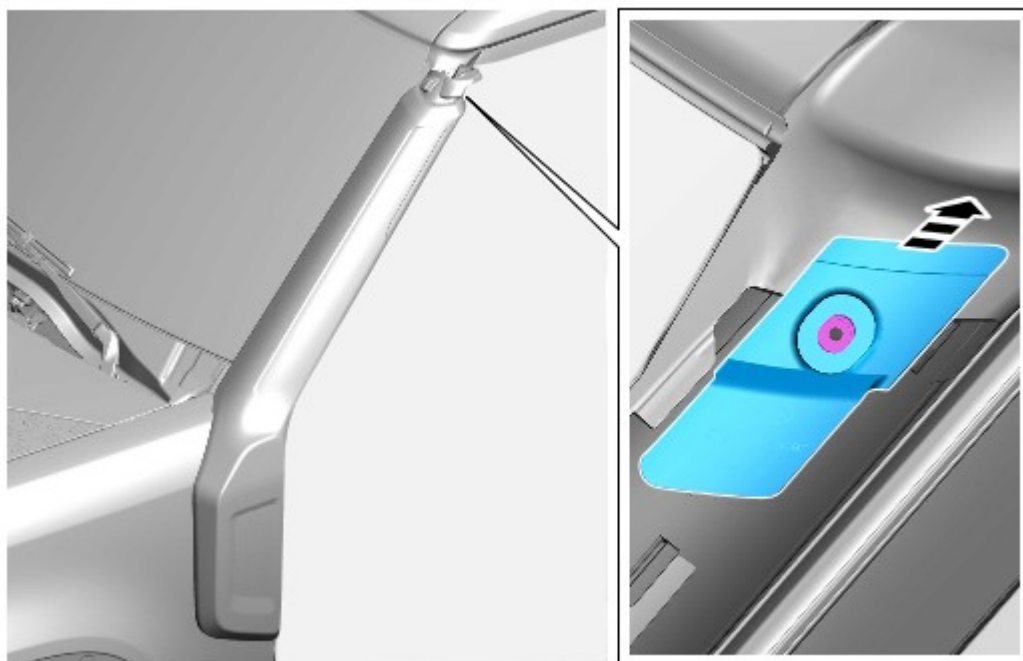
- Release the clip.
- Remove and discard the double sided tape.

7.



Remove the bolt.

8.



E270850

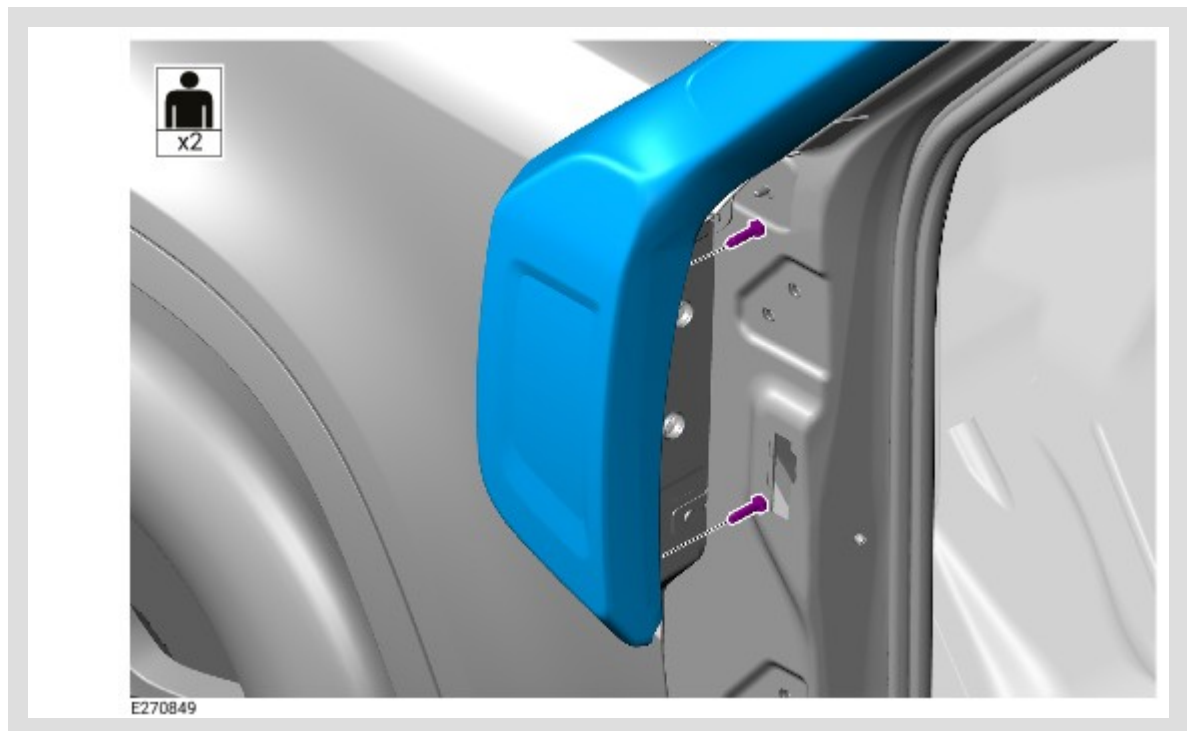
Remove the bracket.

⚠ 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.

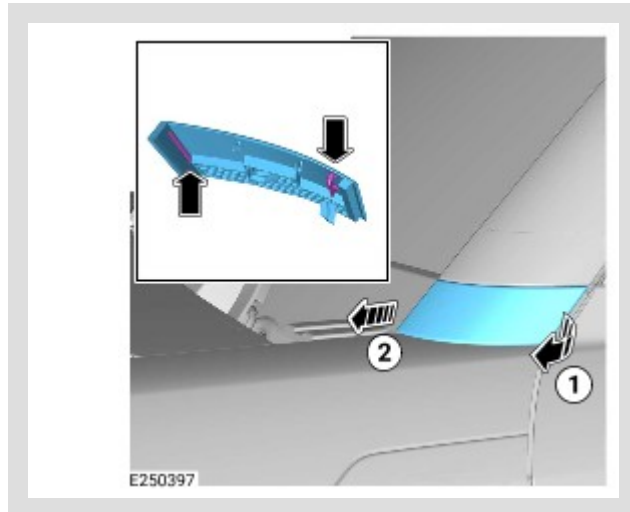


Inspect the windshield moulding bolt cover for delaminating.

- 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.

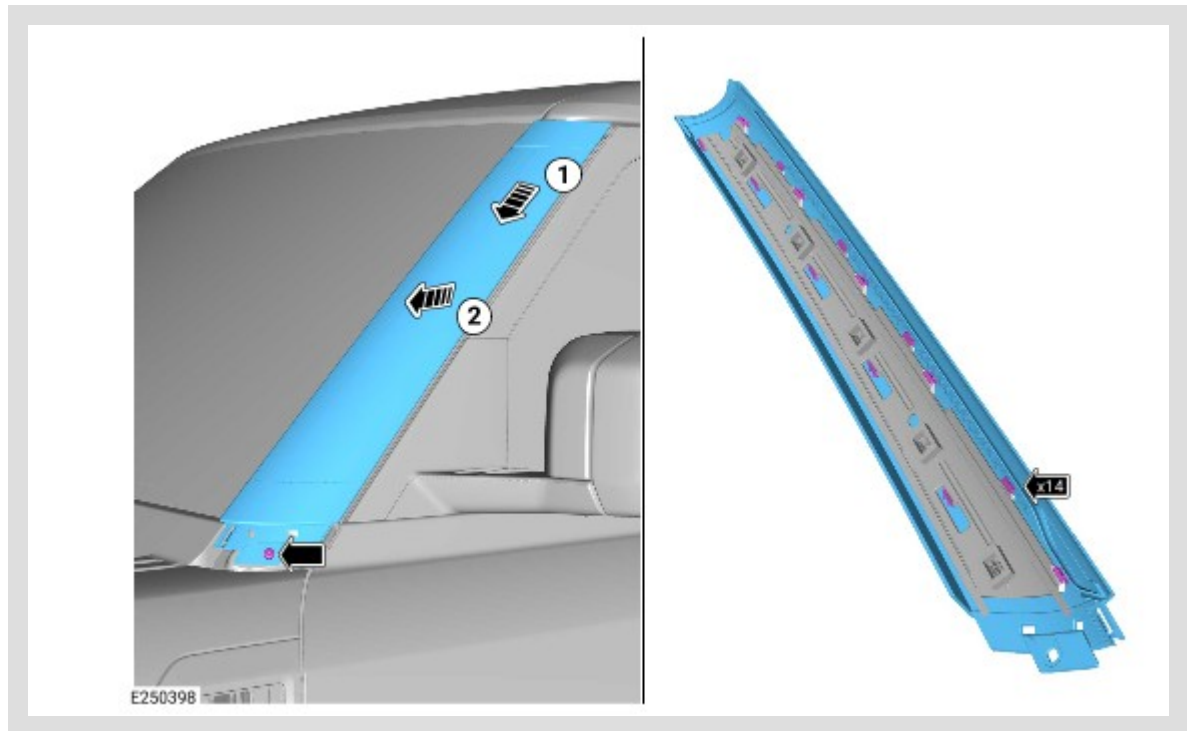


Release the 2 clips to remove the left windshield moulding bolt cover.

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.

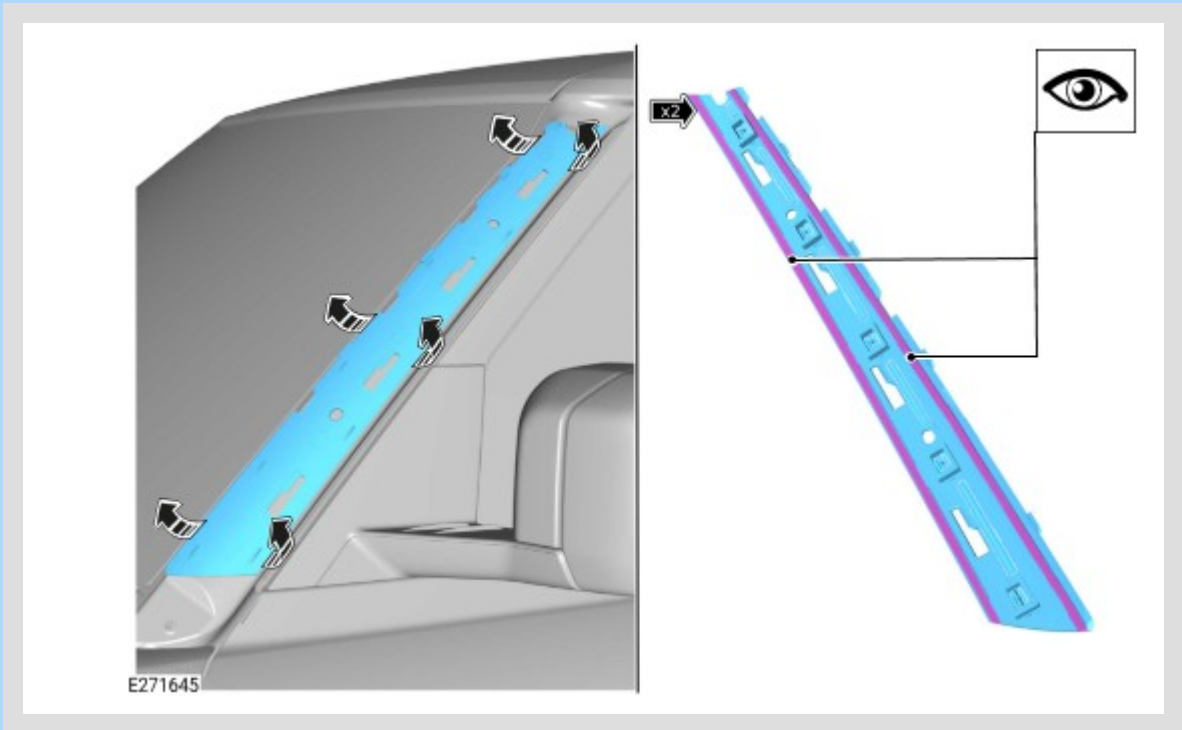


Examine the engineering part number of the upper and lower moulding.

- If the part number is L8B2, **continue with this bulletin.**
- If the part number is N8B2, **do not continue with this bulletin.** Refer to **JLRTB02133** to complete the repair.

△ NOTE:

The windshield moulding carrier is installed to the body using 2 strips of double sided tape, 5 clips and polyurethane adhesive.



Check that the 2 strips of double sided tape are fully adhered to the body.

- By hand, pull along both edges of the windshield moulding carrier while visually inspecting the tape for adhesion.
 - If both strips of double sided tape **are** fully adhered to the body, **continue to step 16.**
 - If any of the strips of double sided tape **are not** fully adhered to the body, **renew the windshield moulding carrier as part of a separate warranty claim (see TOPIx Workshop Manual section 501-11: Glass, Frames and Mechanisms - Removal and Installation - Windshield moulding Carrier).**



Visually inspect the windshield moulding carrier for damage to the clip features shown in the illustration.

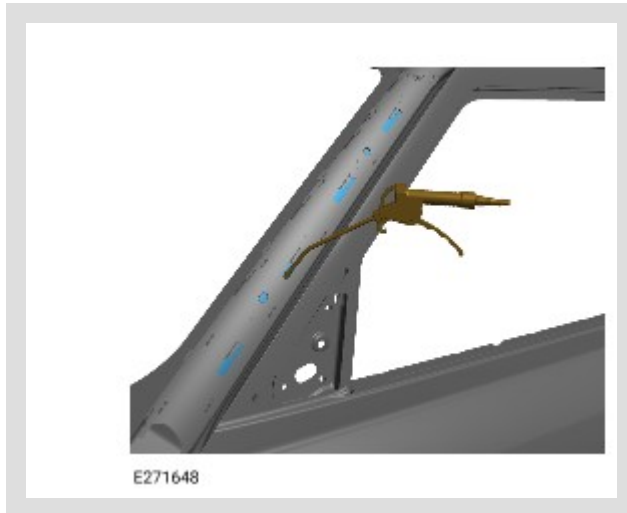
- If the clip features **are not** damaged, as shown in the image with a **GREEN "**, **continue to step 17.**
- If any of the clip features **are** damaged, as shown in the image with a **RED 'X'**, **renew the windshield moulding carrier as part of a separate warranty claim (see TOPlx Workshop Manual section 501-11: Glass, Frames and Mechanisms - Removal and Installation - Windshield moulding Carrier).**

Vehicles inside VIN range 001508 to 017609 only

△ NOTE:

1 adhesive cartridge contains enough adhesive to repair both windshield mouldings on 1 vehicle.

17.



Using a suitable tool, blow compressed air into the holes shown highlighted in the illustration. This will remove any loose debris and contaminants.

18.

Prepare the adhesive following the manufacturer's instructions.

19.

MP4 video - cannot be viewed in PDF



This video shows a demonstration of how to apply the adhesive in the locations shown in steps 20 and 21.

⚠ CAUTIONS:

- Do not apply adhesive to the upper section of the slotted holes, where the windshield moulding locates, as it will obstruct the installation of the windshield moulding.
- Do not apply too much sealant as the excess will obstruct the installation of the windshield moulding.

⚠ NOTE:

Remove any excess adhesive before the adhesive cures.



Using the recommended adhesive and applicator, apply the adhesive in the bottom of the slotted holes.

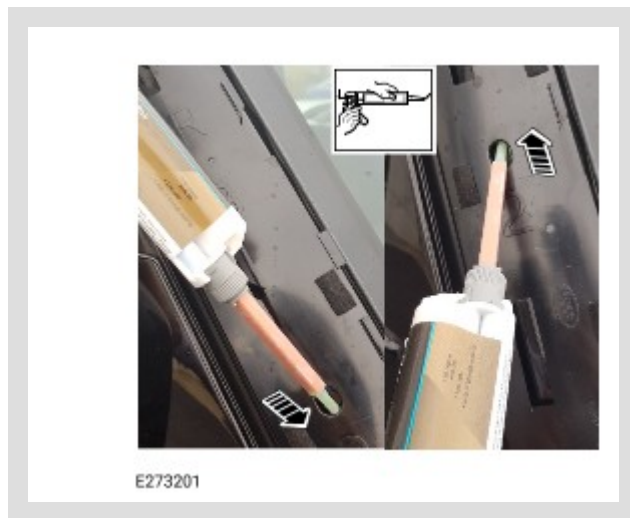
21.

⚠ CAUTION:

Do not apply too much sealant as the excess will obstruct the installation of the windshield moulding.

⚠ NOTE:

Remove any excess adhesive before the adhesive cures.



Using the recommended adhesive and applicator, apply the adhesive into the top and bottom of the round holes.

22.

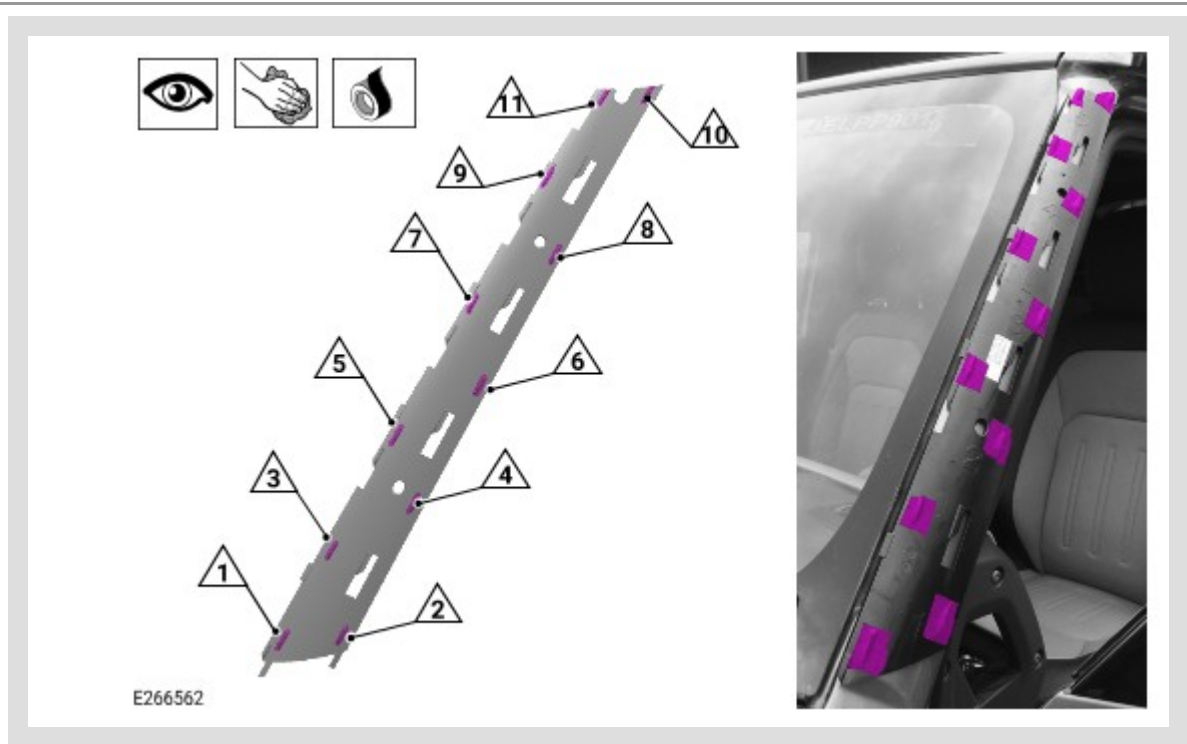
Allow the adhesive to cure, as per the manufacturer's instructions, before continuing to the next step.

All vehicles



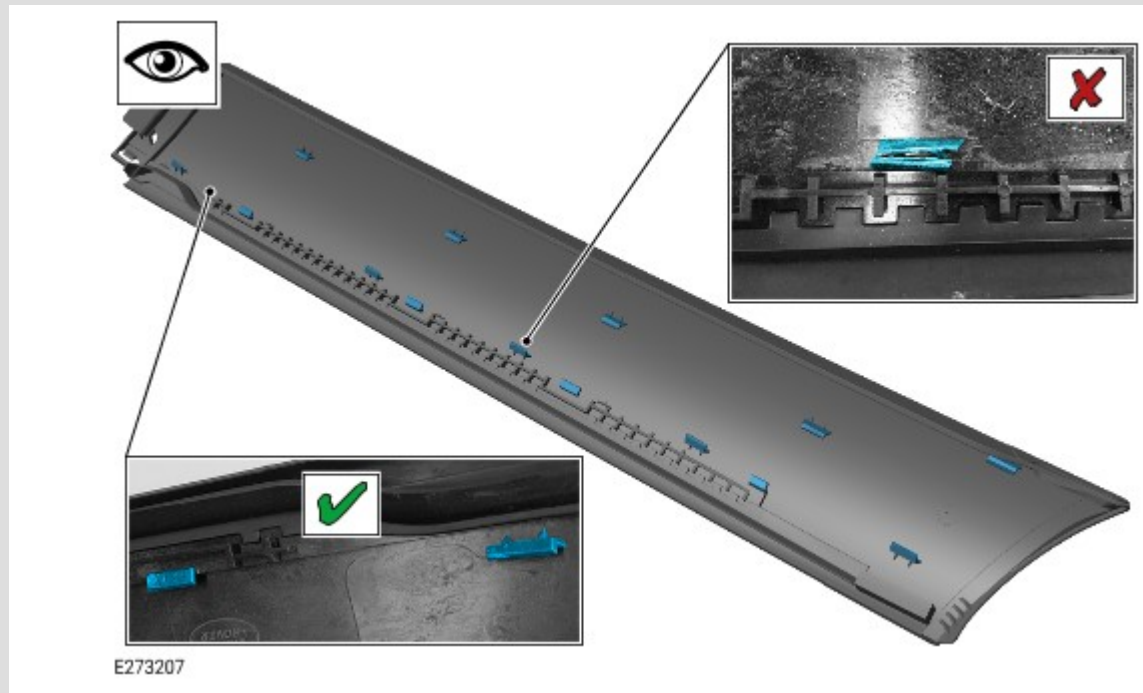
Locate the windshield moulding carrier part number.

- If the part number is **L8B2-03178-AB**, **L8B2-03179-AB**, **L8B2-03178-AC** or **L8B2-03179-AC**, continue to **step 24**.
- If the part number is **L8B2-03178-AD** or **L8B2-03179-AD**, continue to **step 25**.



Locate the 11 windshield moulding retaining ribs, as shown highlighted in the illustration.

- Clean the area around each windshield moulding retaining rib.
- Apply felt tape to cover each of the 11 windshield moulding retaining ribs, as shown in the illustration.



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.**



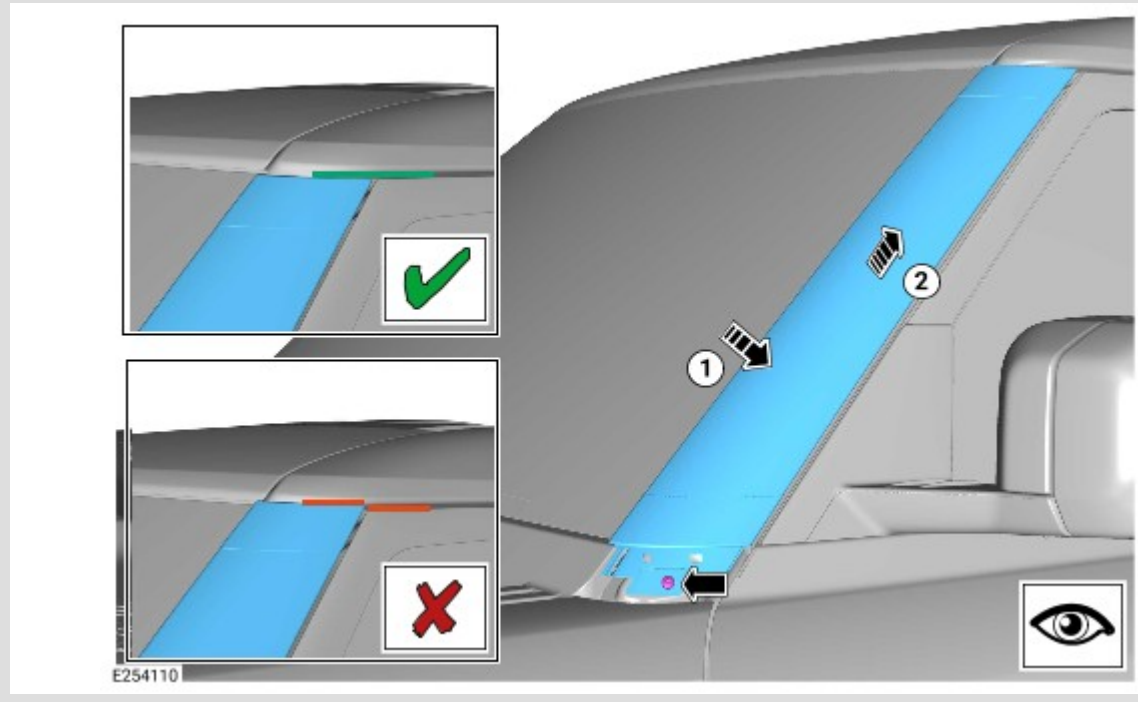
Inspect the rubber seal on the windshield moulding for damage. If the seal is damaged a new windshield moulding is required before continuing with this step, this must be claimed as a separate warranty claim.

- 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.

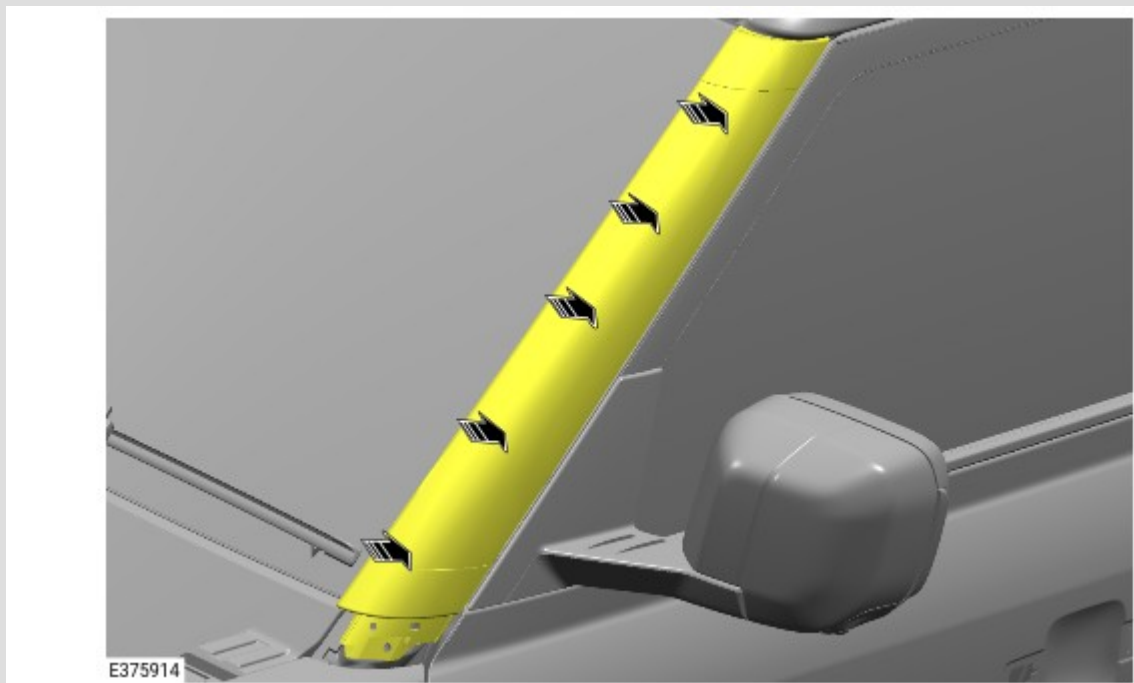
28.



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.**

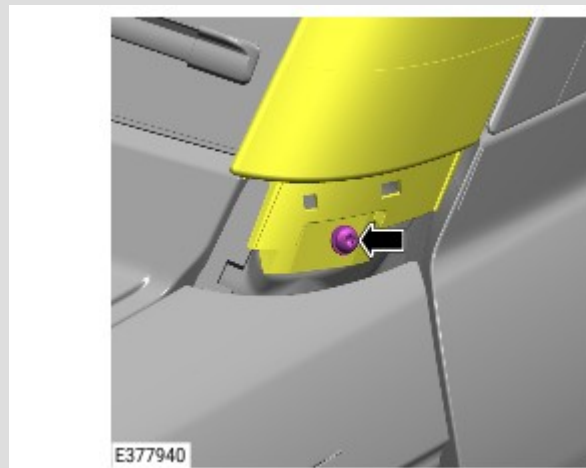
29.



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.

30.



Fully tighten the retaining bolt.

- Torque: **6 Nm**

 NOTE:

If a new windshield moulding bolt cover is required, it must be painted before installing.



Inspect the retaining clip on the windshield moulding bolt cover.

- If the retaining clip **is** broken, as shown highlighted in the illustration, **install a new windshield moulding bolt cover during the next step and claim it as part of a separate warranty claim.**
- If the retaining clip **is not** broken, **install the original windshield moulding bolt cover during the next step.**

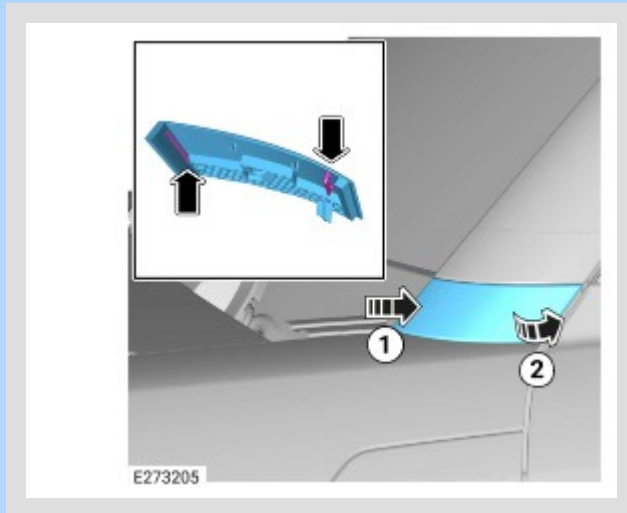
All Vehicles



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..

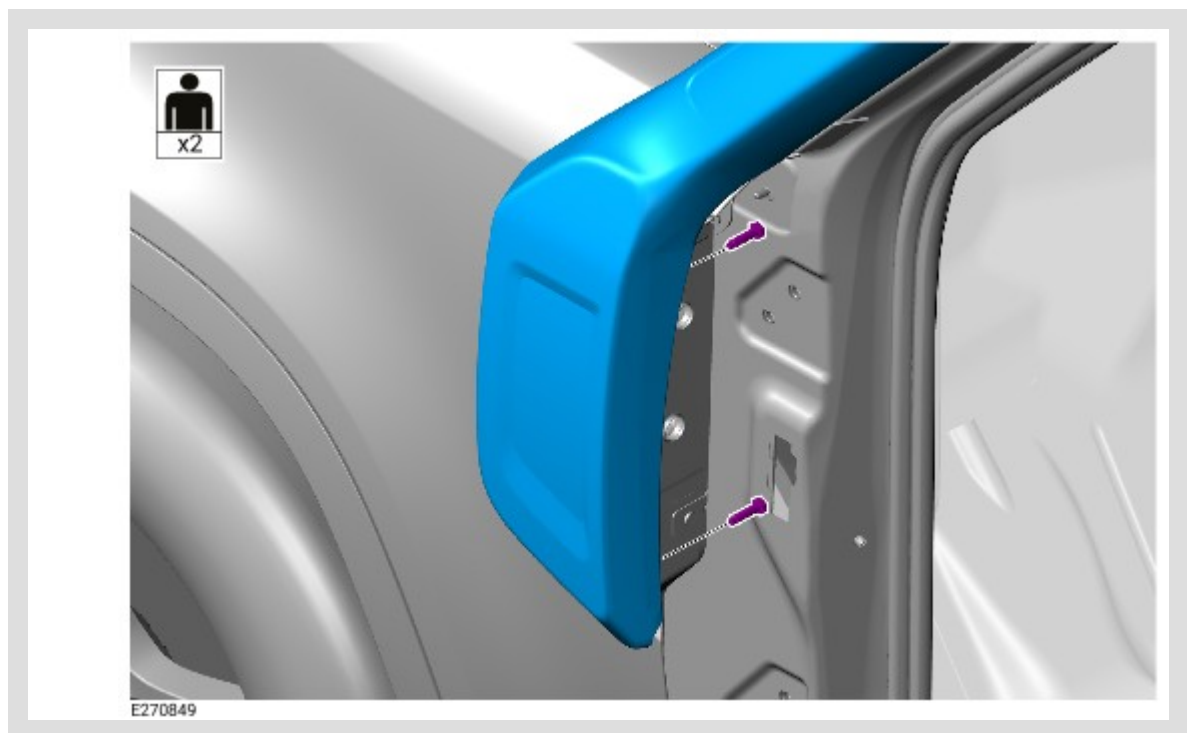
Vehicles installed with raised air intakes only

⚠ CAUTION:

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

⚠ NOTE:

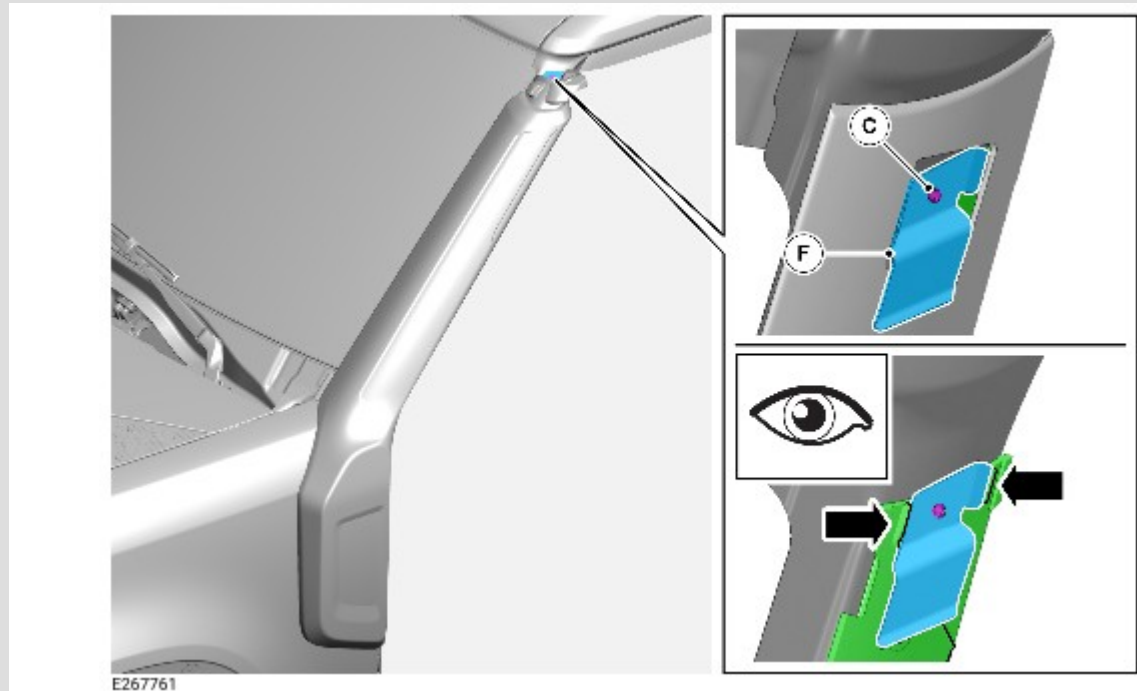
This step requires the assistance of another technician.



Install the raised air intake.

- Install the 2 bolts but do not fully tighten.

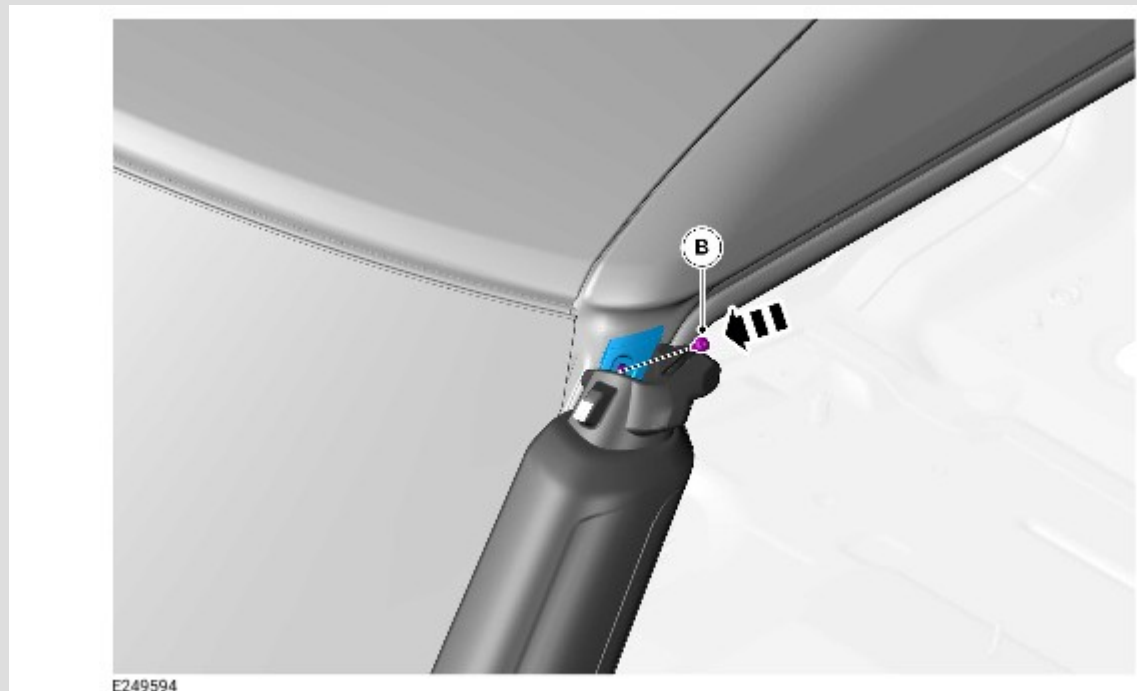
35.



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

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

36.



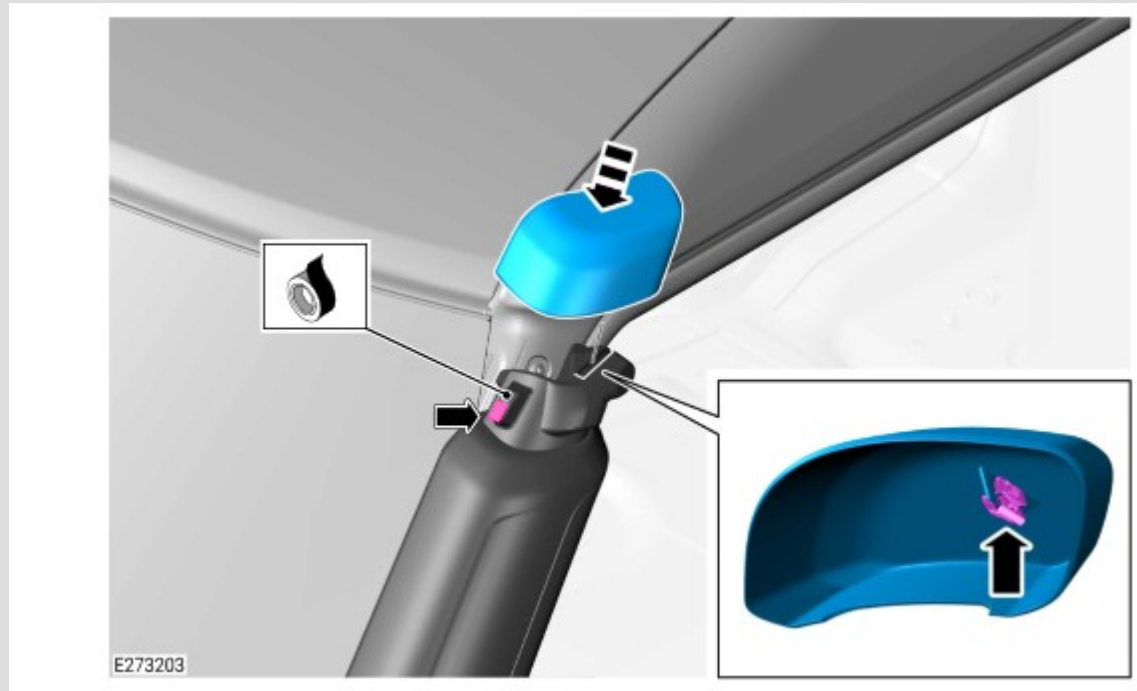
Install the bolt (B) through the bracket and into the fixing.

- Torque: **4 Nm**

37.

Fully tighten the 2 bolts from **step 34**.

- Torque: **3 Nm**



Install the cover.

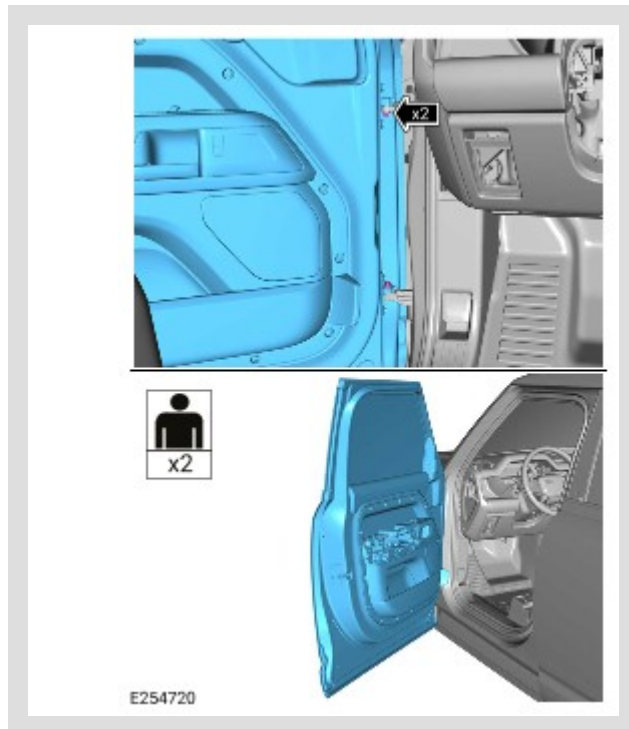
- Install a new piece of 3M PT 1100 (or equivalent) double sided tape (9 mm x 15 mm) as shown in the illustration.
- Secure the clip.

⚠ 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**

40.



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

41.

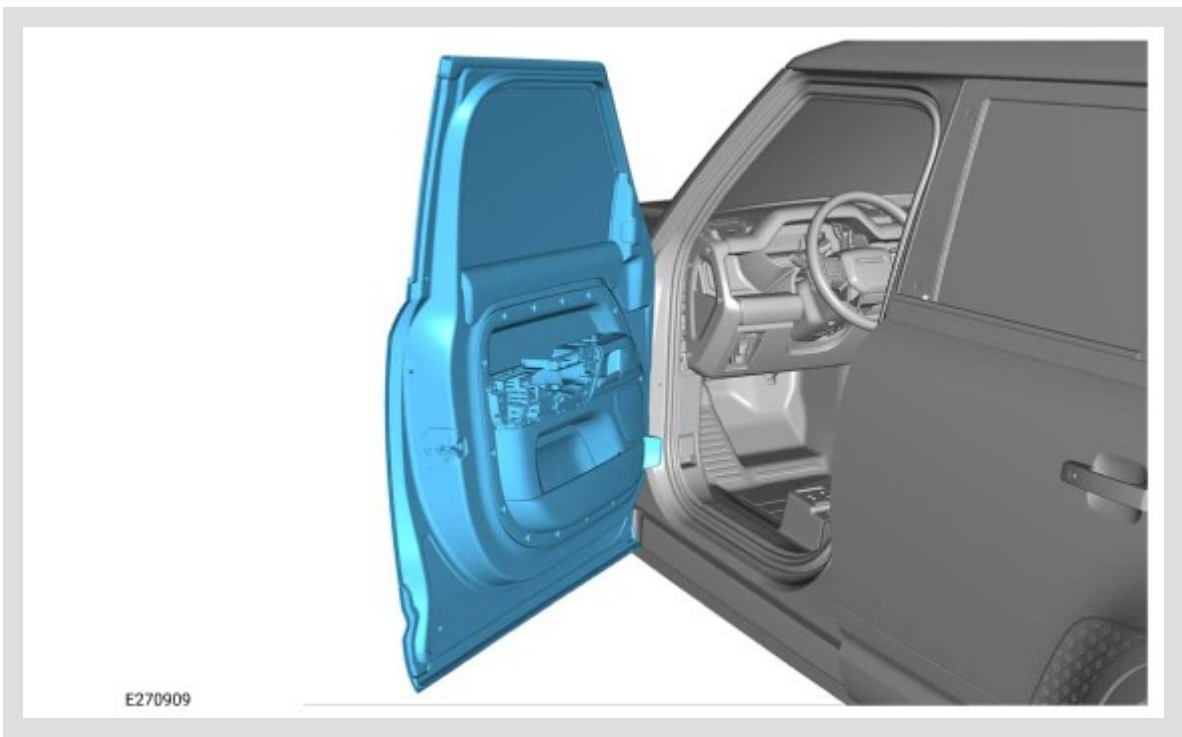


Connect the front door check arm.

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

All vehicles

42.



Close the front left door.

43. Repeat steps 1 to 42 for the other side.

Vehicles installed with raised air intakes only

44. 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).

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