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2020.0 DEFENDER (LE), 501-11

GLASS, FRAMES AND MECHANISMS

TAILGATE WINDOW (G2412890)

mcx30.com

SPECIAL TOOL(S)



E247339

JLR-501-176

Fiber-lined Glass Removal Tool Kit

REMOVAL

 CAUTIONS:

- Place the glass on felt covered supports with the locating studs facing up. Do not stand on edge as this can cause chips which subsequently develop into cracks.
- Protect the surrounding paintwork to avoid damage.

 NOTES:

- 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.
- This component is available in multiple variations. Before the tailgate window is removed, check the part numbers for a correct application.

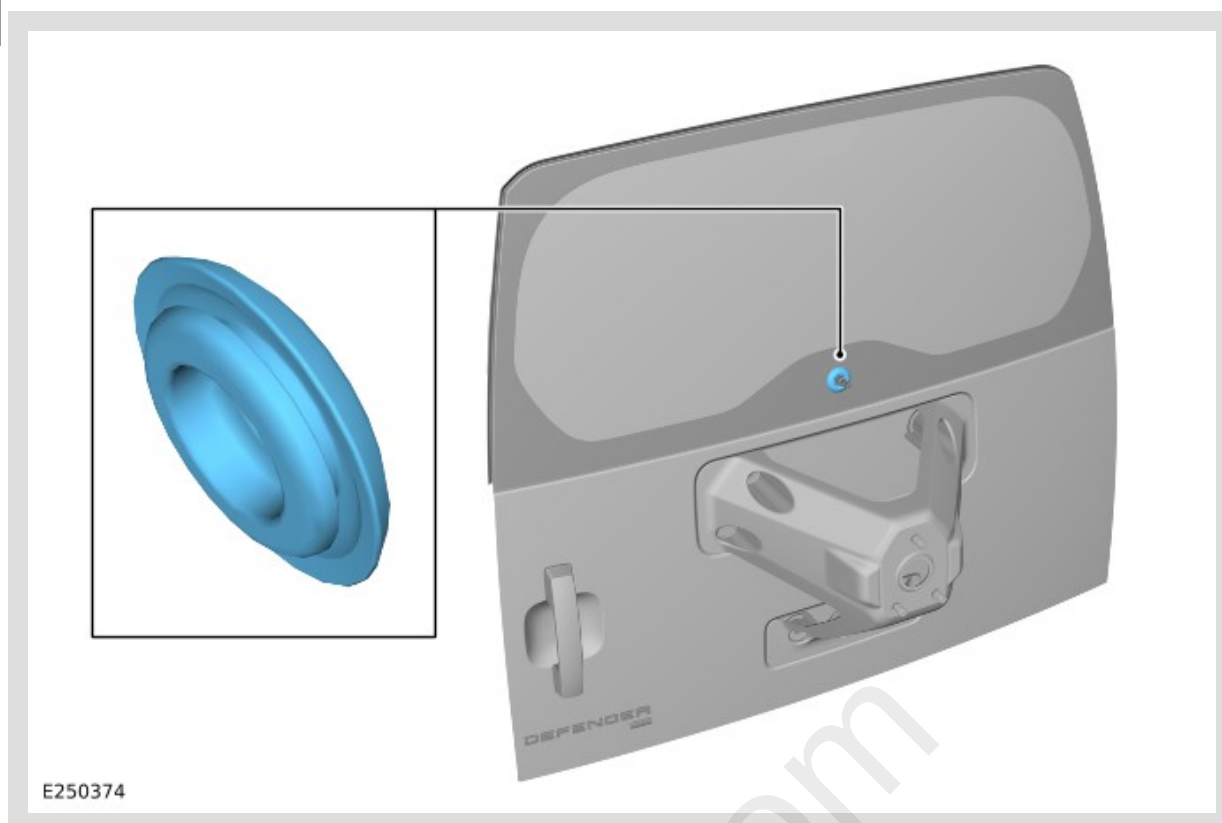
1. Remove the tailgate interior trim panel.

Refer to: [Tailgate Trim Panel](#) (501-05 Interior Trim and Ornamentation, Removal and Installation).

2. Remove the rear window wiper arm.

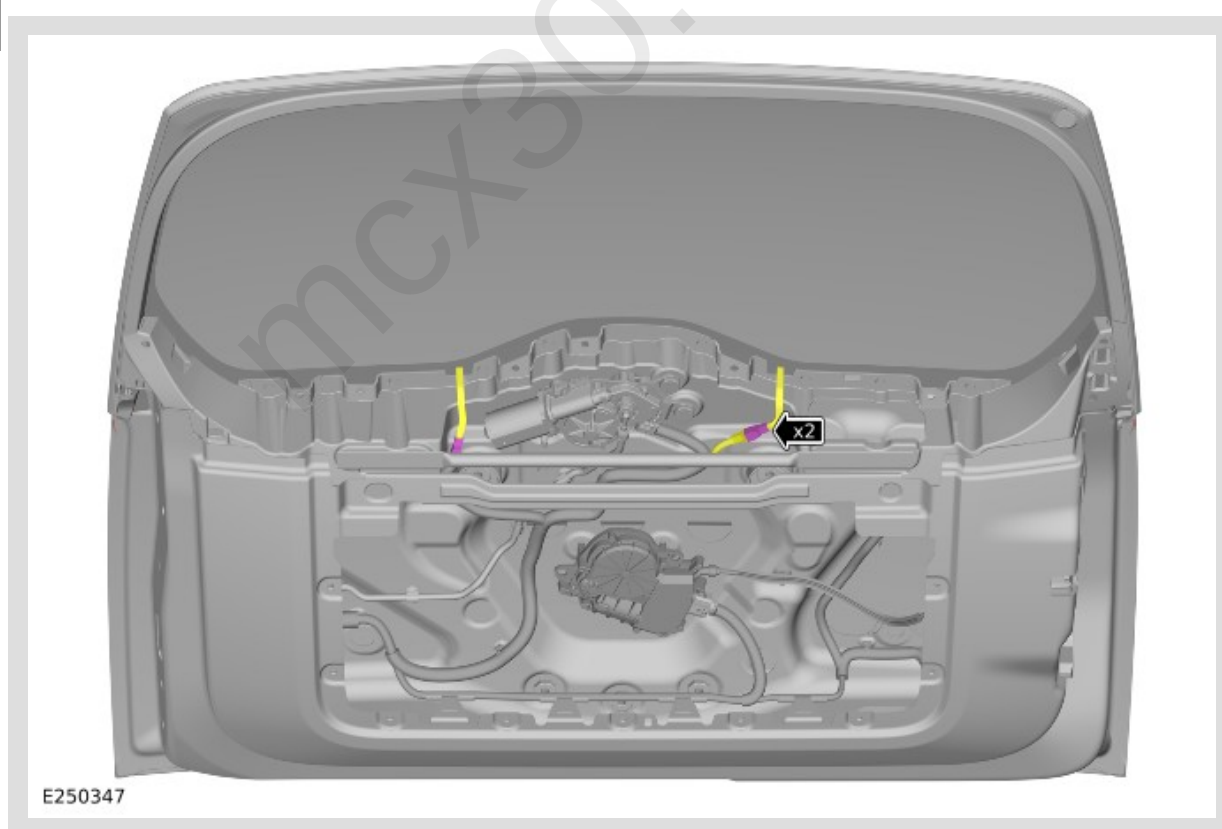
Refer to: [Rear Window Wiper Arm](#) (501-16 Wipers and Washers, Removal and Installation).

3.



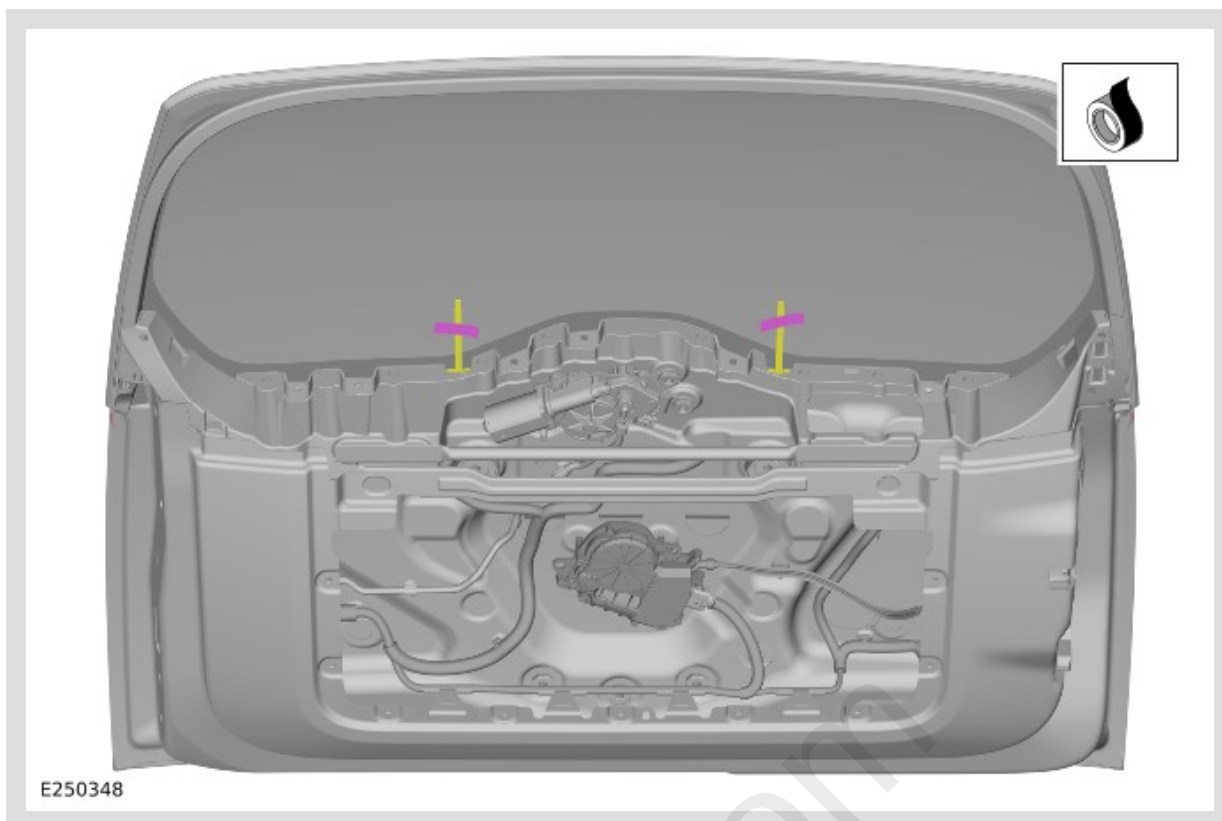
Remove the rear window wiper arm grommet.

4.



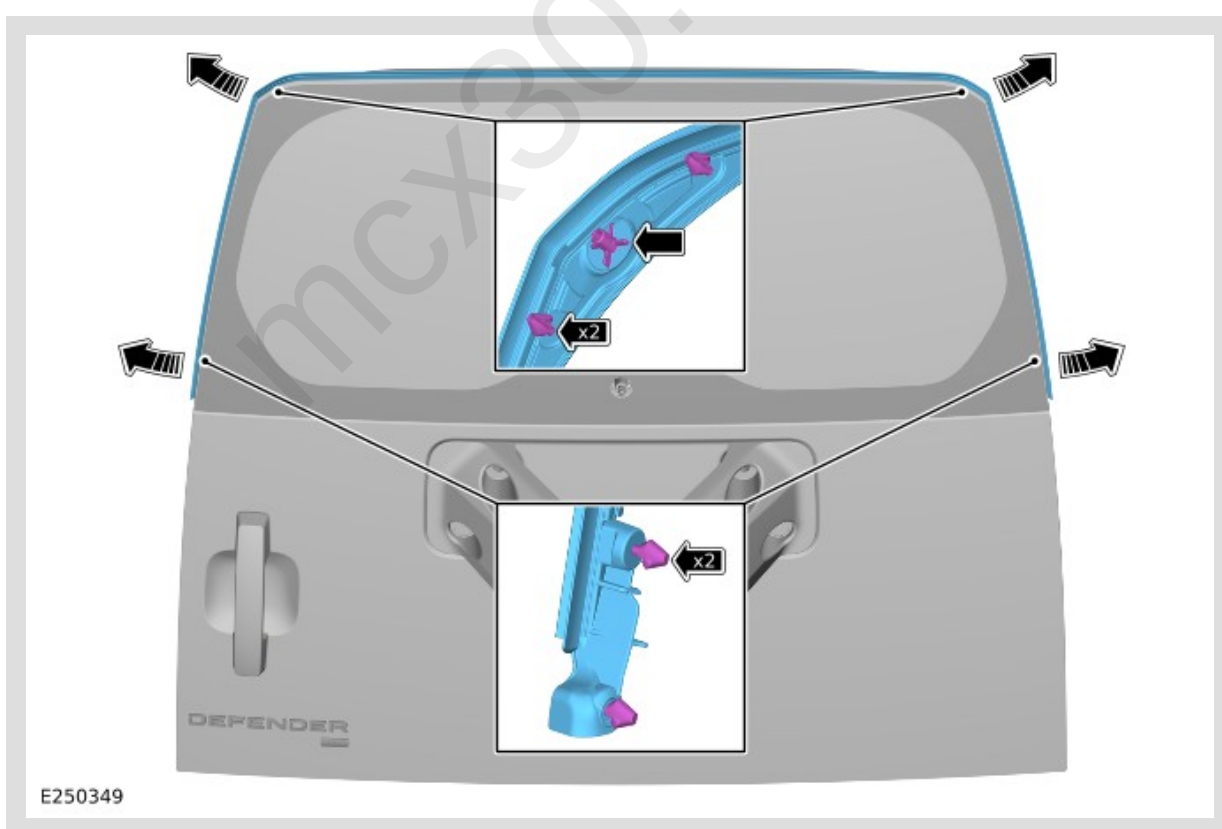
Disconnect the 2 heater element electrical connectors.

5.

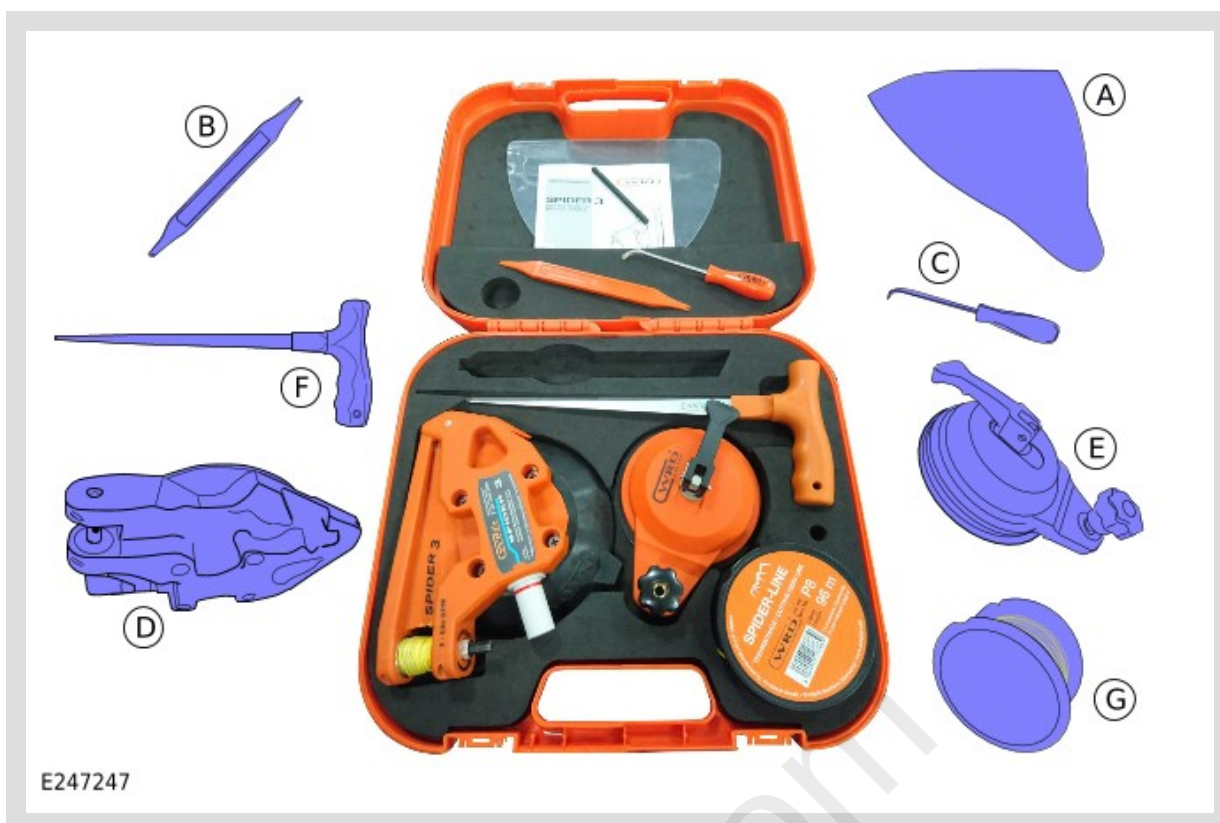


Use suitable tape to secure the 2 heater element electric cables.

6.



Release and remove the tailgate weatherstrip.

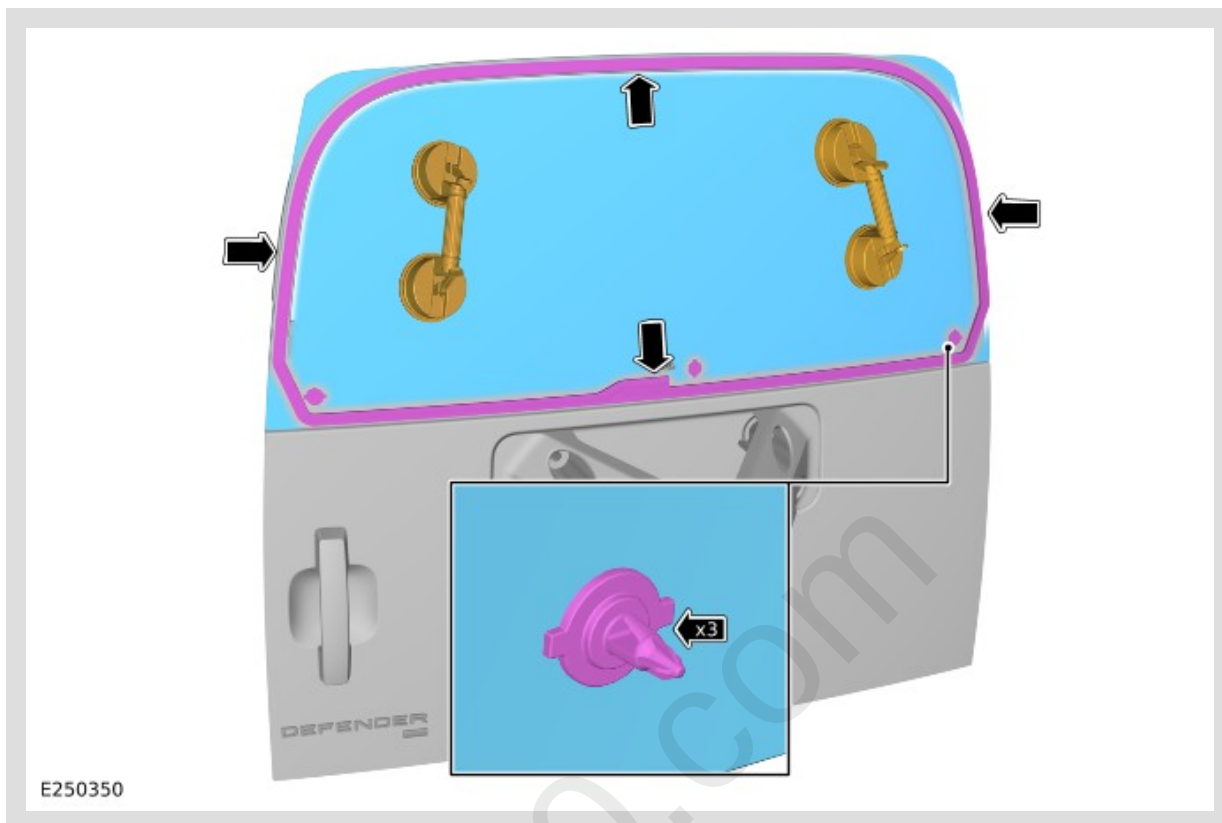


- The illustration is used to index the contents of the fiber-lined glass removal special tool.
- Make sure that the contents of the fiber-lined glass removal special tool kit are complete and no items are damaged or missing.
- Consult the instruction manual supplied with the fiber-lined glass removal special tool before commencing the removal of the tailgate window.
- (A) Instrument Panel protector
- (B) Cutting fiber threading tool
- (C) Pick
- (D) Spider cutting tool
- (E) Anchor suction tool
- (F) Cutting fiber install tool
- (G) Cutting fiber

8.

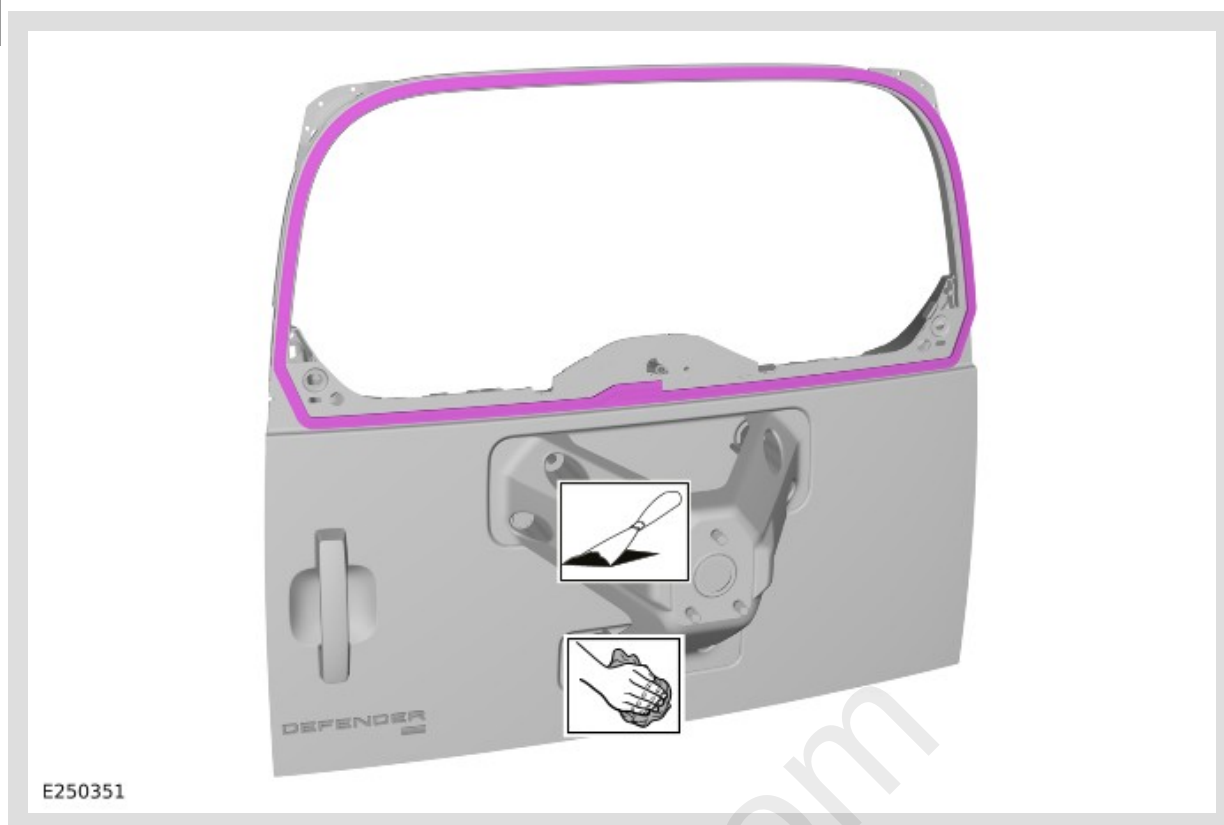
 NOTE:

This step requires the aid of another technician.



- Use the necessary items from the special tool JLR-501-176 fiber-lined glass removal tool kit to release the seal and remove the tailgate window.

Special Tool(s): [JLR-501-176](#)



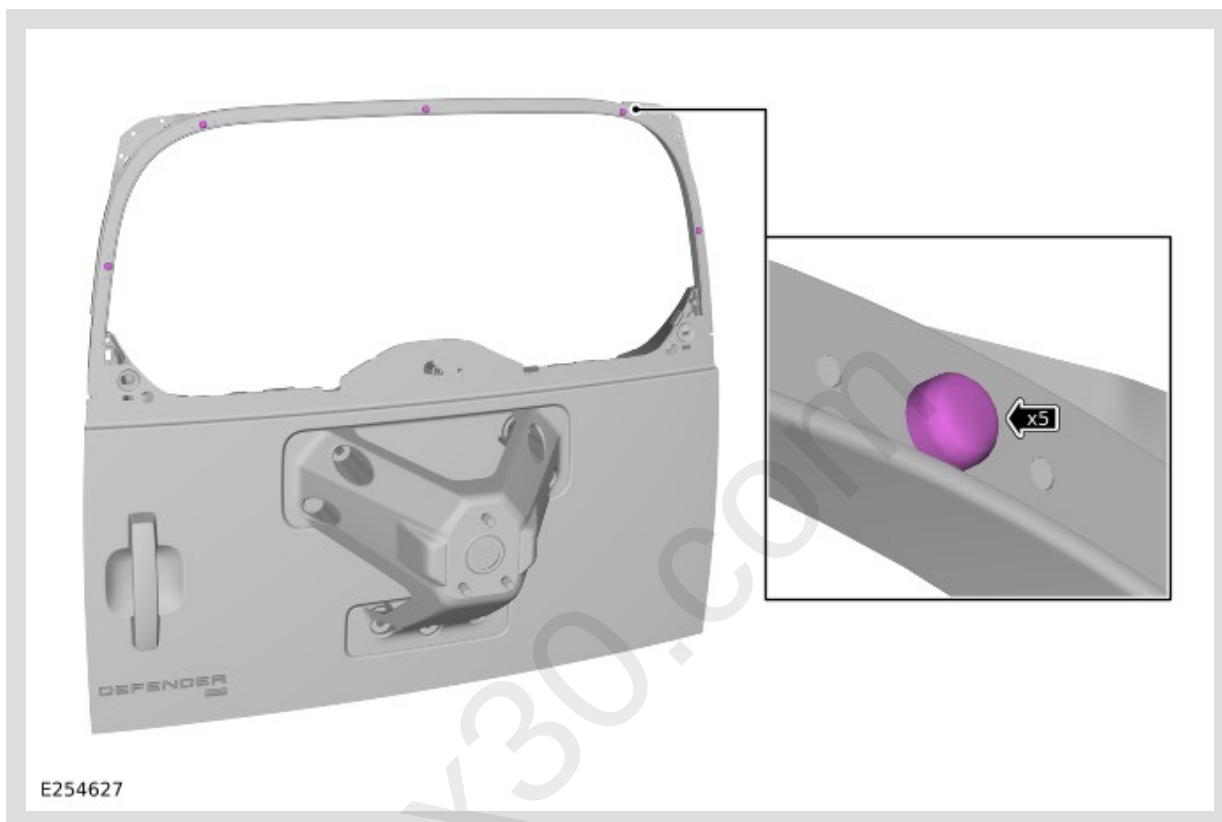
Use suitable tools and remove all residual sealant from the body.

INSTALLATION

1.

⚠ CAUTION:

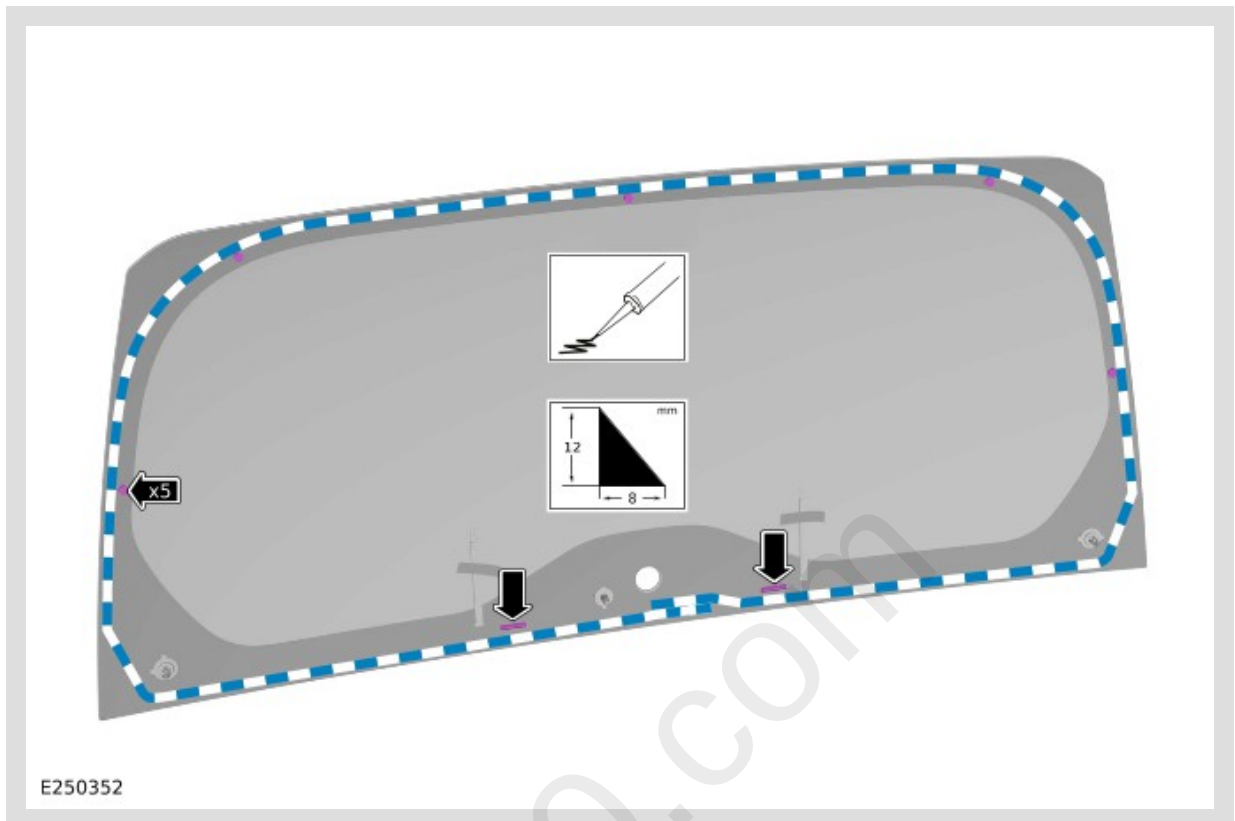
The spacers need to be aligned with the inner edge of the tailgate as illustrated.



Install the 5 spacers to the tailgate as illustrated.

⚠ CAUTION:

Make sure that the tailgate window is clean and free of grease and foreign material.



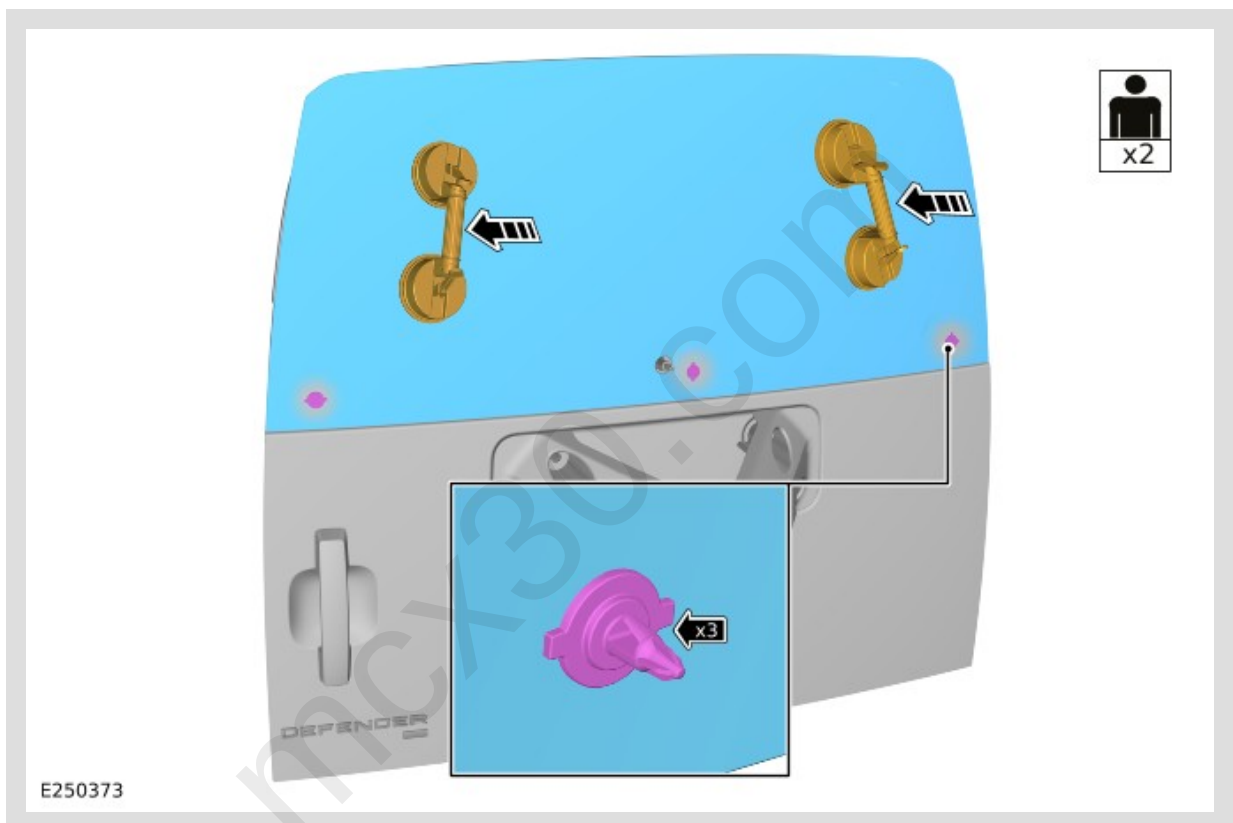
- Make sure that the 7 spacers are in their correct locations as illustrated.
- Follow the instructions included with the Jaguar Land Rover PU adhesive sealant kit and apply sealant to the areas illustrated. Make sure to use Polyurethane SIKA JLR-5, or if not available use an equivalent JLR approved PU adhesive kit.

⚠ CAUTIONS:

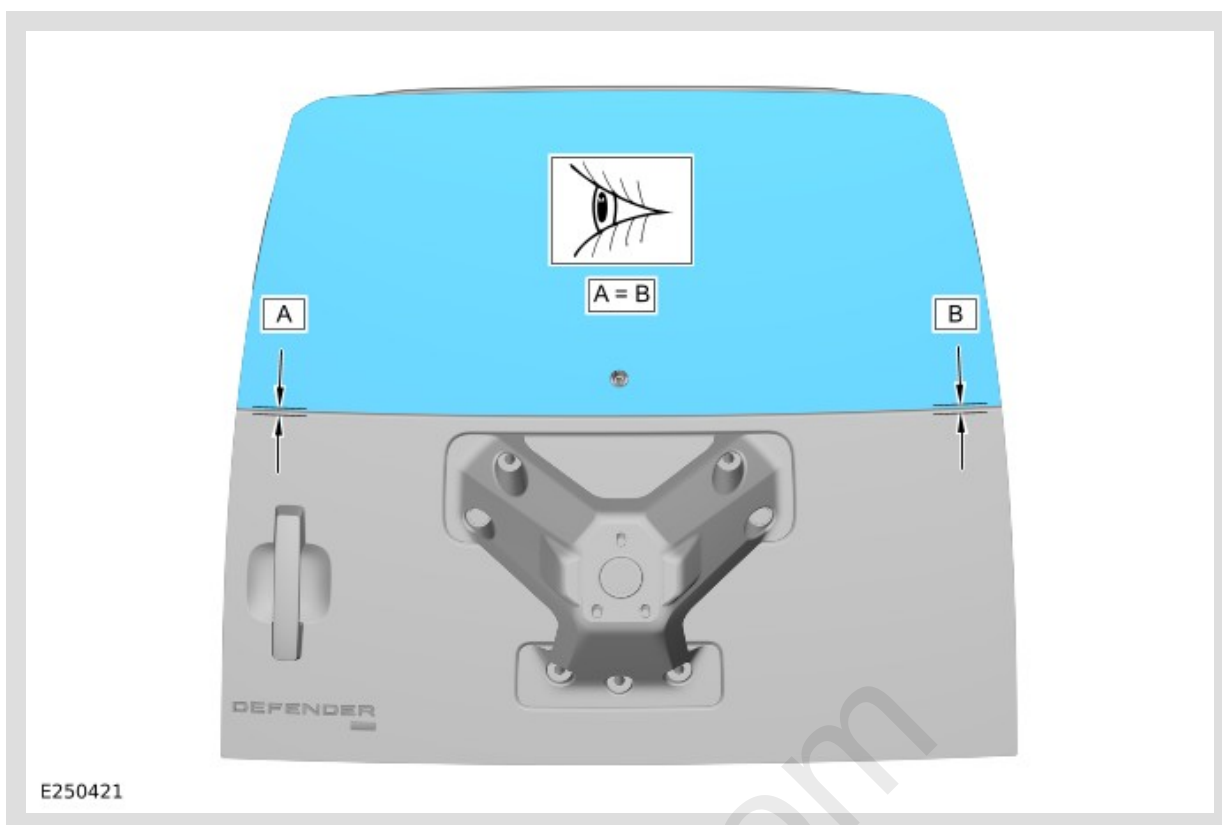
- Make sure that the PU adhesive only touches the body at the designated areas. New PU adhesive sealant needs to be applied to the tailgate window if the PU adhesive sealant is accidentally disturbed.
- Make sure that no excess sealant residue is evident.
- Make sure to apply even pressure along the edges of the tailgate window.

⚠ NOTE:

This step requires the aid of another technician.



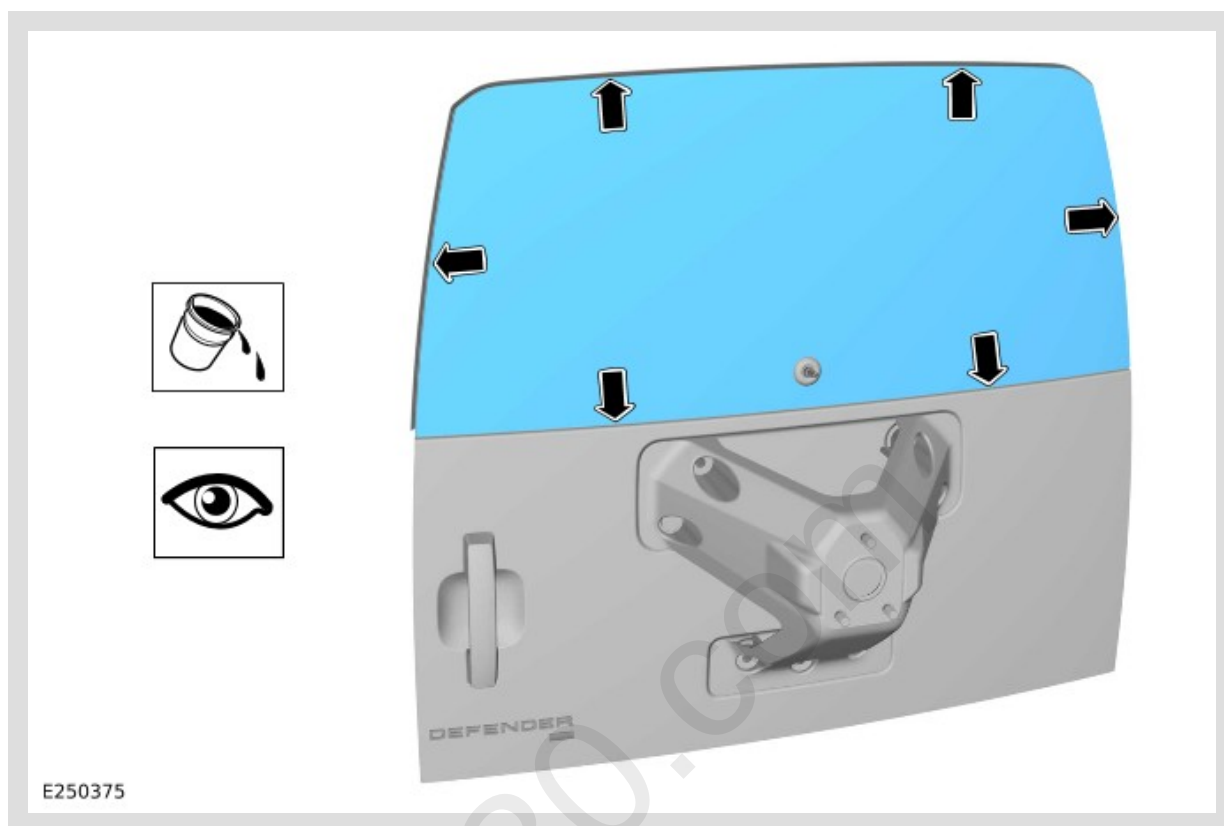
With assistance, install the tailgate window. An audible click is heard when the 2 outer clips are correctly installed.



Check if the gaps around the edges of the tailgate window are even.

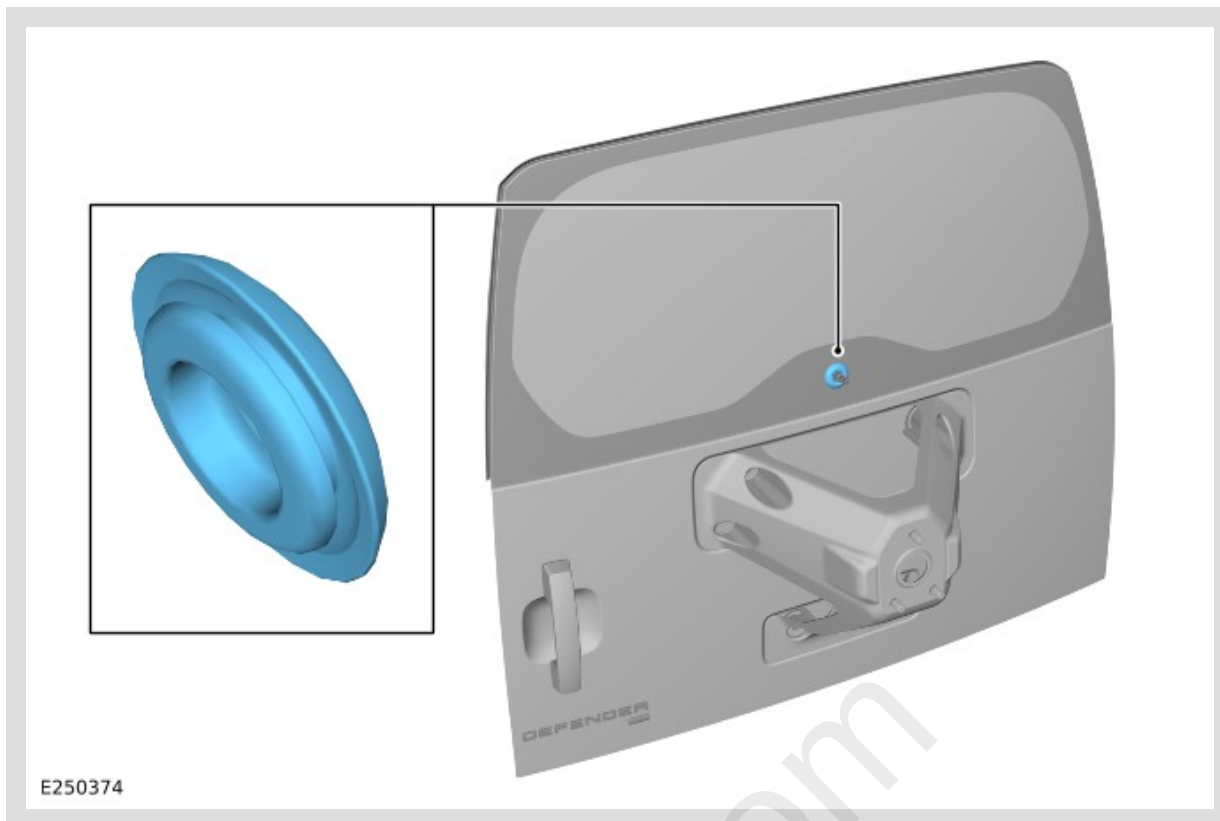
⚠ CAUTIONS:

- Wait at least 2 hours to allow the PU adhesive to dry before applying water to the windshield.
- Do not use high pressure water equipment to complete this step.



- Apply water around the tailgate window at the areas illustrated. Mark any area that shows water ingress.
- If the check fails and water ingress is evident, remove the tailgate window and repeat the installation procedure. Do not attempt to apply additional sealant to areas that show water ingress.

6.



Install the rear window wiper arm grommet.

7.

Install the tailgate weatherstrip.

8.

Connect the 2 heater element electric cables.

9.

Install the tailgate interior trim panel.

Refer to: [Tailgate Trim Panel](#) (501-05 Interior Trim and Ornamentation, Removal and Installation).

10.

Install the rear window wiper arm.

Refer to: [Rear Window Wiper Arm](#) (501-16 Wipers and Washers, Removal and Installation).