

2016.0 RANGE ROVER (LG), 501-11

GLASS, FRAMES AND MECHANISMS

WINDSHIELD GLASS (G1549842)

REMOVAL AND INSTALLATION

GENERAL EQUIPMENT

EQUIPMENT NAME

Land Rover diagnostic equipment

REMOVAL

CAUTIONS:

- Always protect paintwork and glass when removing exterior components.
- Always protect the interior components when removing body glass.
- Lay the glass on felt covered supports. Do not stand on edge as this can cause chips which subsequently develop into cracks.

NOTES:

- The cutting blades used in this procedure are from the standard BTB glass removal kit.
- Some variation in the illustrations may occur, but the essential information is always correct.

1. Refer to: [Cowl Panel Grille](#) (501-02 Front End Body Panels, Removal and Installation).

2.

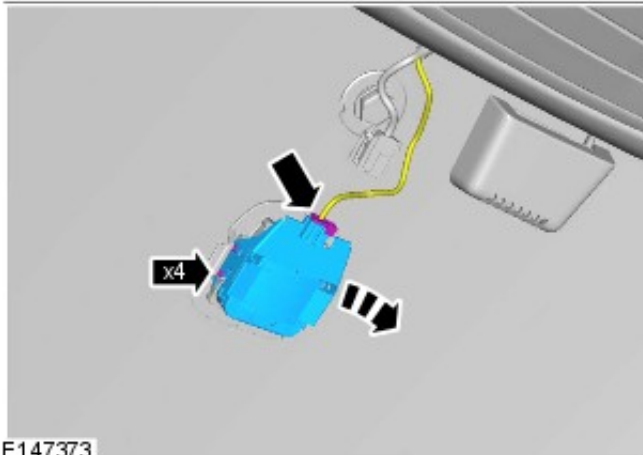
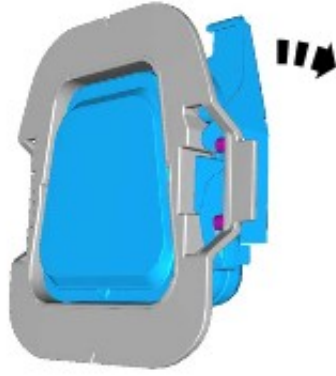
NOTE:

The procedure must be carried out on both sides.

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

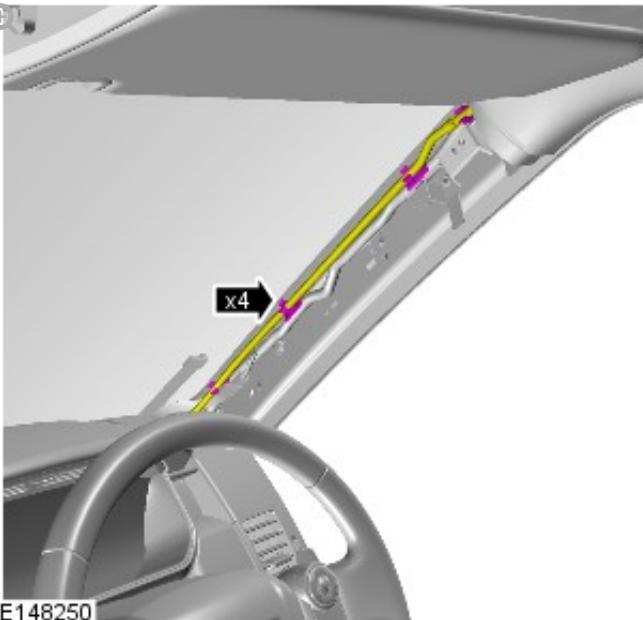
3. Refer to: [Interior Rear View Mirror](#) (501-09 Rear View Mirrors, Removal and Installation).

4.



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5.

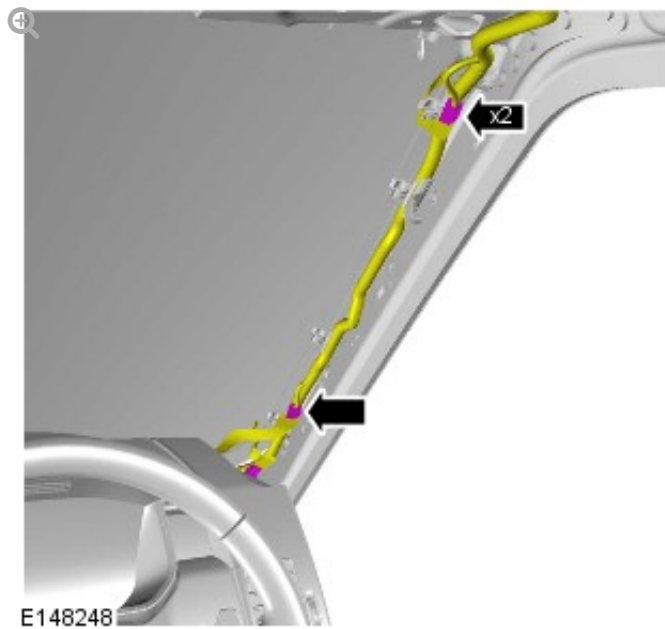


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6.

NOTE:

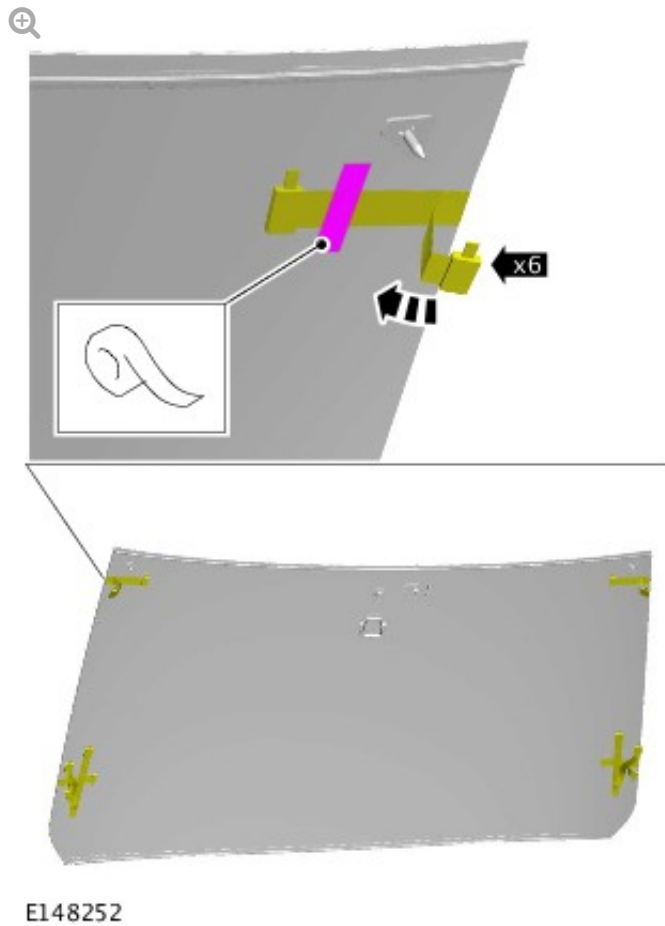
The procedure must be carried out on both sides.



7.

NOTE:

The procedure must be carried out on both sides.



E148252

8.

WARNING:

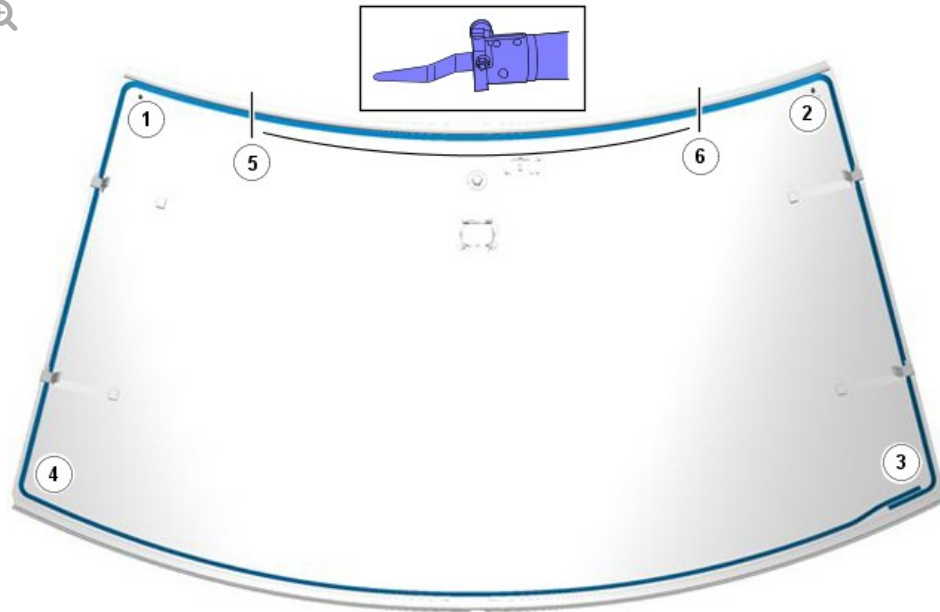
Wear safety goggles and protective gloves.

CAUTIONS:

- Protect the surrounding paintwork to avoid damage.
- Protect the surrounding components.
- Protect the surrounding components.

NOTE:

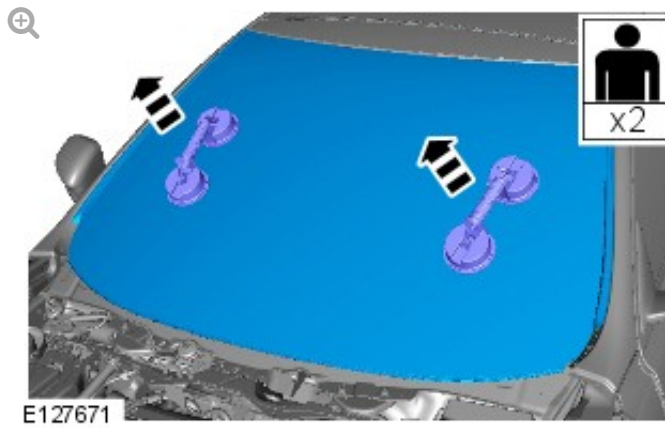
Windshield glass shown removed for clarity.



E 136582

- Cut between points 3 and 4, use a WK1S blade, reverse cut with the flat side against the body.
- Cut the bottom corner at points 3 and 4, use a WK1S blade.
- Cut between points 4 and 1, use a WK24ZRS blade against the body and a WK11B controller arm set to 26mm cut depth.
- Cut between points 3 and 2, use a WK24ZRS blade against the body and a WK11B controller arm set to 26mm cut depth.
- Cut between points 5 and 6, use a WK24RS.
- Cut between points 1 and 2, use a WK1S blade, reverse cut with the flat side against the windshield glass and a WK11B controller arm set to 26mm cut depth.
- Cut the top corner at points 1 and 2, use a WK1S blade.
- Cut any adhesive from the windshield to allow removal, use a WK1S blade.

9.

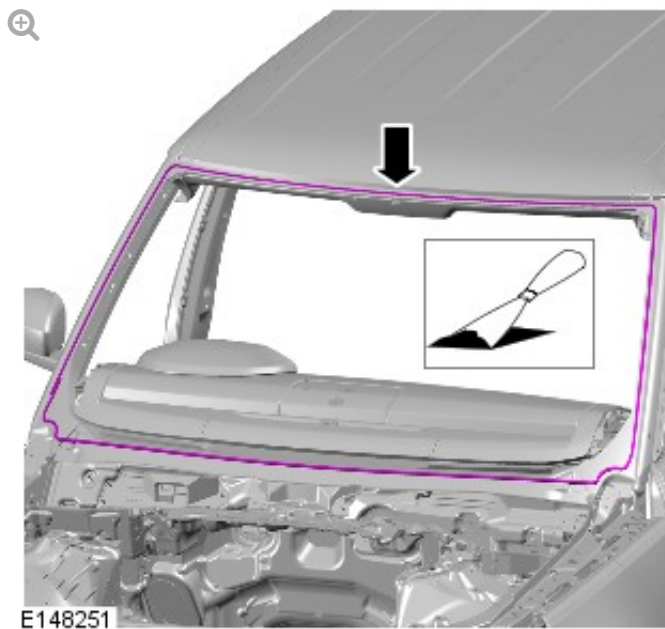


INSTALLATION

1.

CAUTION:

Make sure that the mating faces are clean and free of foreign material.



2. Prepare the window glass, window glass flange and trimmed PU adhesive in accordance with the instructions included with the PU adhesive kit.

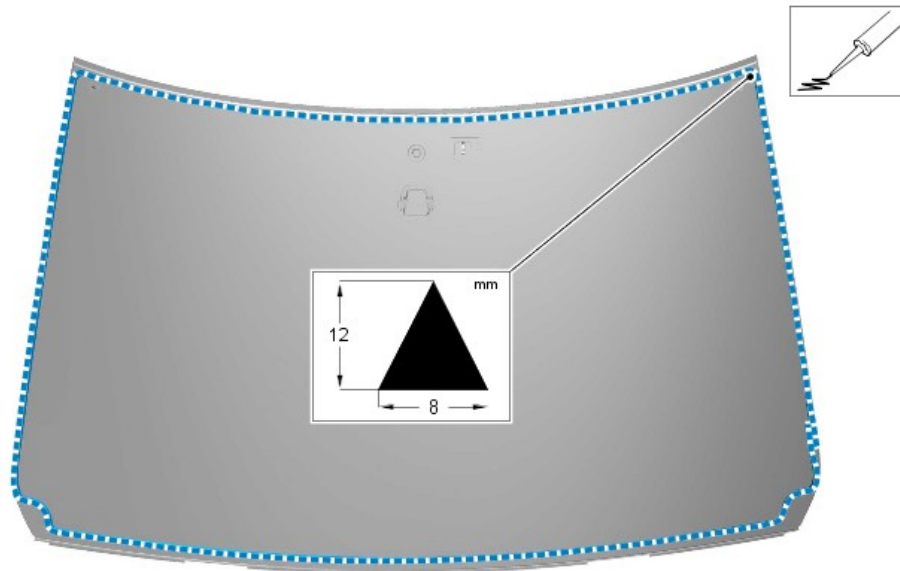
3.

CAUTION:

Touching the adhesive surface will impair rebonding.

NOTE:

Make sure that the standard approved sealing kit is used when bonding the component to the vehicle.



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- Apply a continuous bead of sealant to the windshield glass.

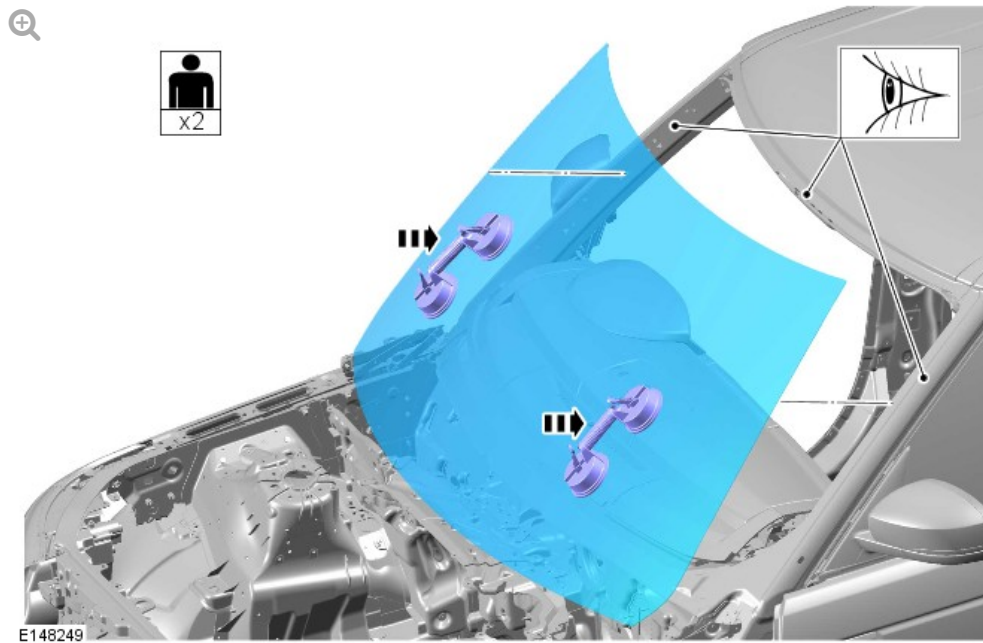
4.

WARNING:

This step requires the aid of another technician.

CAUTIONS:

- Make sure that the component is correctly located on the locating dowels.
- Make sure that equal pressure is applied to the full length of the component.

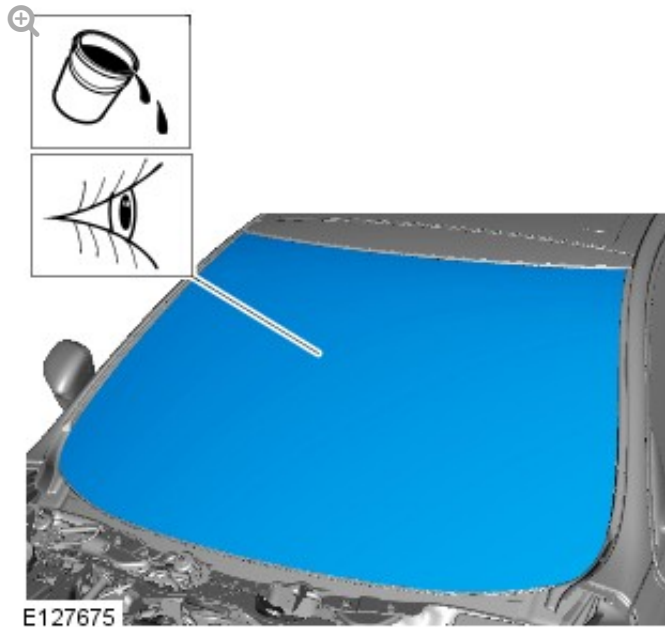


- With assistance, install the window glass.
- Lightly press the window glass to seat the sealer.
- If the ambient temperature falls below 10 degrees C, apply warm air (25 degrees C) continuously for 15 minutes.

5.

CAUTION:

Make sure that no excess sealant residue is evident.



- If water is used as a means for the leak check, then allow sealant to dry before testing.
- Spray water around the windshield glass, mark any area that leaks. Dry the windshield glass and sealant before applying additional sealant.

6.

NOTE:

If a new component has been installed, configure the camera using the Land Rover approved diagnostic equipment.

To install, reverse the removal procedure.

General Equipment: [Land Rover diagnostic equipment](#)