

Liftgate Window Glass (76.31.22)

Removal



CAUTION: Always protect paintwork and glass when removing exterior components.



CAUTION: Always protect the interior components when removing body glass.

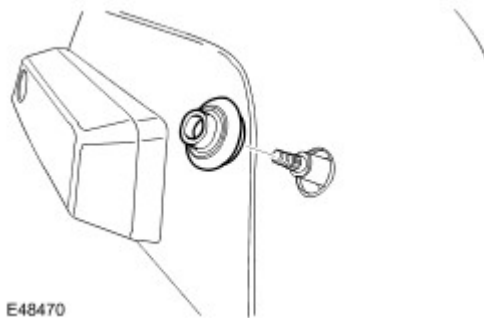


CAUTION: Lay the glass on felt covered supports. Do not stand on edge as this can cause chips which subsequently develop into cracks.

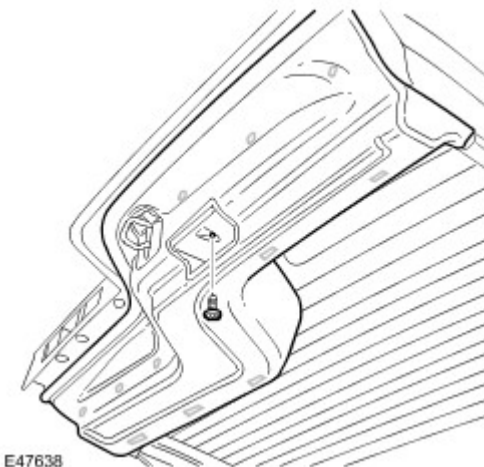
NOTE :

The following equipment is required: I Cutting wire and handles I Kent knife I Glazing knife I Glass replacement kit I Sealant applicator gun I Suction cups I A felt covered table or stand to support glass

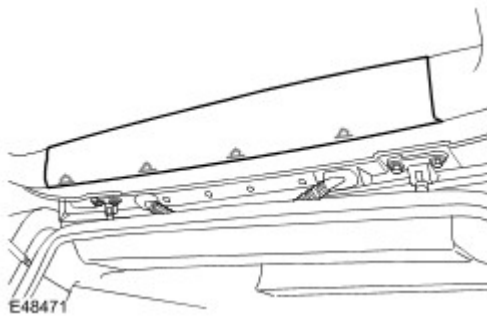
1. Remove the rear wiper arm. For additional information, refer to [Rear Wiper Pivot Arm \(84.35.01\)](#) (Section 501-16)
2. Remove the rear wiper drive spindle seal.



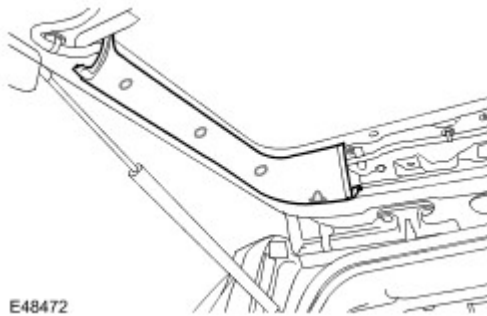
3. Remove the liftgate lower trim panel. For additional information, refer to [Liftgate Trim Panel \(76.34.11\)](#) (Section 501-05)



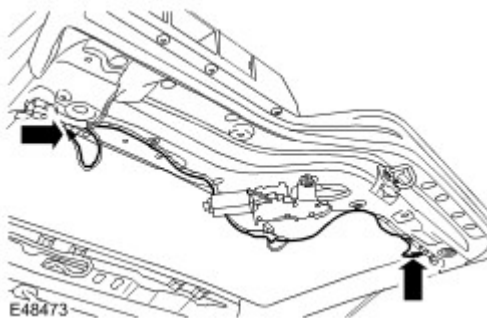
4. Remove the liftgate upper trim panel.
- ▶ Release the 4 clips.



5. Remove the liftgate side trim panel.
- ▶ Release the 4 clips.
 - ▶ Repeat the above procedure for the other side.



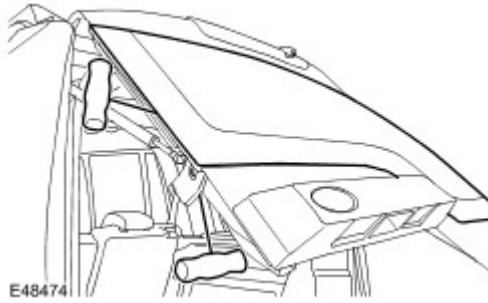
6. Disconnect both heated rear window electrical connectors.



7.  **WARNING: Eye protection must be worn.**

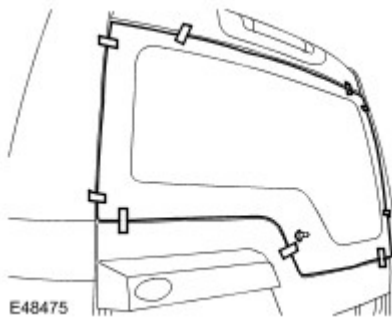
With assistance, remove the liftgate window glass.

- ▶ Carefully cut through the sealant using a glazing knife or cutting wire.
- ▶ Attach the suction cups.
- ▶ Noting fitted position, remove the 5 spacers.

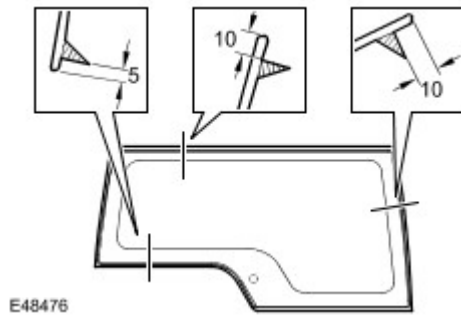


Installation

1. Carefully remove the sealant from the body to leave a smooth surface.
2. Install the liftgate window glass.
 - ▶ Install the spacers equally as shown.
 - ▶ Use masking tape to establish reference marks as an alignment aid.



3. Remove the liftgate window glass.
 - ▶ Clean the component mating faces.
4. Apply etch primer to any bare metal.
5. Apply primer over the etch primer.
6. Apply glass primer to the sealant face on the liftgate window glass and allow to cure.
7. Apply activator over the old sealant on the liftgate and allow to cure.
8. Fit a pre-cut nozzle to the sealer cartridge, remove the lid, shake out the crystals and fit the cartridge to the applicator gun.
 - ▶ Modify the nozzle to achieve a bead section in the shape of a right angle triangle with a base of 8 mm and a vertical height of 12 mm.
9. Apply a continuous bead of sealant to the liftgate window glass as shown.



- 10 . With assistance, install and align the liftgate window glass.
 - Lightly press the window glass to seat the sealer.
- 11 . Test the sealer for leaks, apply additional sealer if necessary. If water is used, allow sealer to dry before testing. Spray water around the glass and check for leaks. Mark any area that leaks. Dry the glass and sealer then apply additional sealer.
- 12 . Connect the heated rear window electrical connectors.
- 13 . Install the liftgate side trim panel.
 - Secure with the clips.
 - Repeat the above procedure for the other side.
- 14 . Install the liftgate upper trim panel.
 - Secure with the clips.
- 15 . Install the liftgate lower trim panel. For additional information, refer to [Liftgate Trim Panel \(76.34.11\)](#) (Section 501-05)
- 16 . Install the rear wiper drive spindle seal.
- 17 . Install the rear wiper arm. For additional information, refer to [Rear Wiper Pivot Arm \(84.35.01\)](#) (Section 501-16)