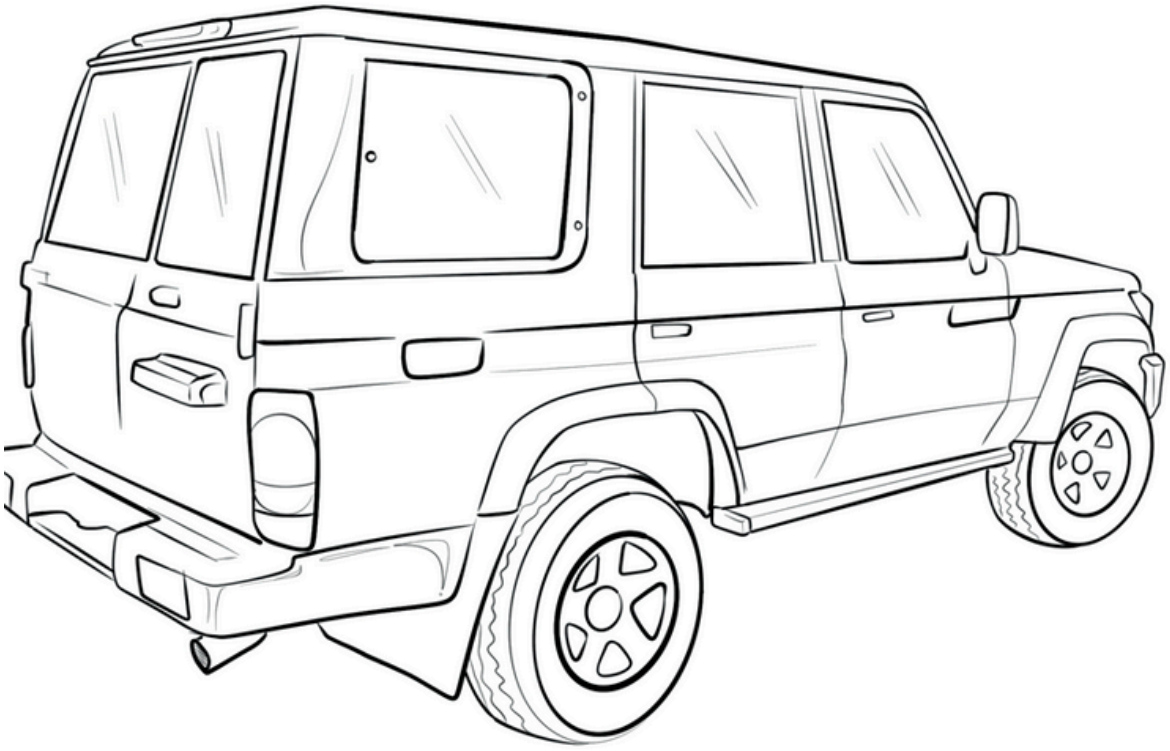


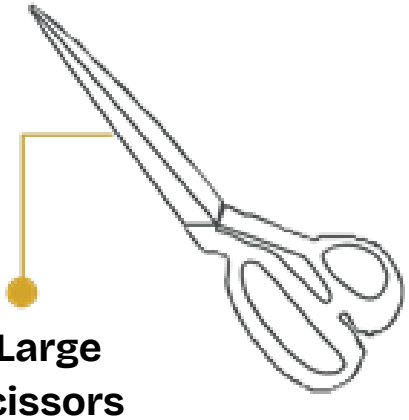
INSTRUCTION MANUAL
GULWING WINDOW KIT – TOYOTA LAND CRUISER 76 SERIES (1999–2026)

⚠ WARNINGS

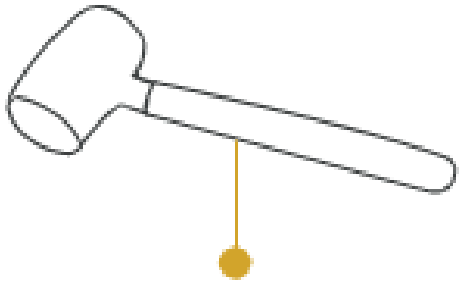
READ THESE INSTRUCTIONS CAREFULLY

- Keep the glass on a stable surface during frame installation
- Thoroughly clean the body surface after removing the window
- Use a hand clamp to hold the frame firmly during the curing period (hand clamps are not included in the kit)
- Apply adhesive on both the frame and the trim channel
- Wait 10 minutes before applying the adhesive
- After mounting the frame, allow the adhesive to cure for 24 hours
- Do not overtighten the hardware located at the hinge base against the glass
- The correct position of the gas struts is with the cylinder facing upwards

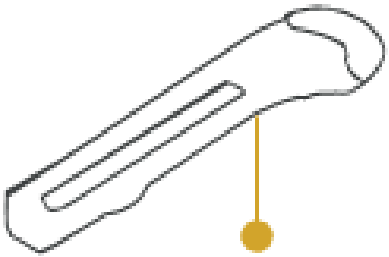
TOOLS REQUIRED FOR INSTALLATION



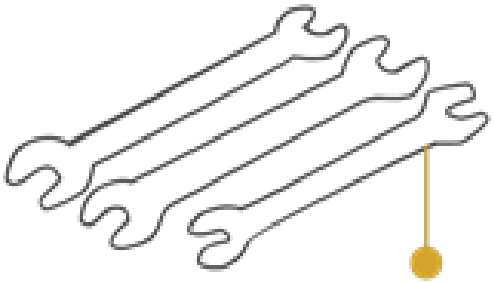
Large scissors



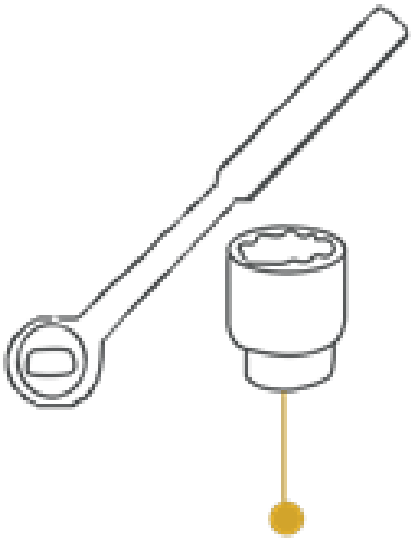
Rubber mallet



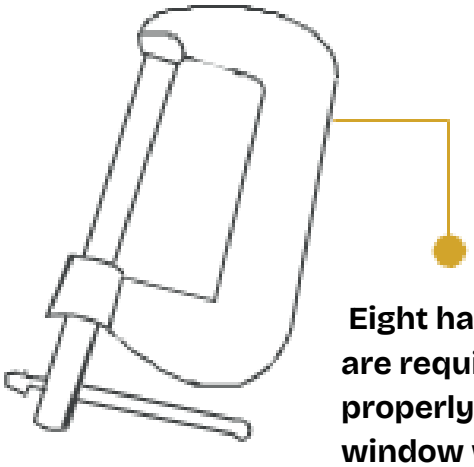
Utility knife



Wrenches #10, #12, #14



socket and ratchet #10, #12, #14



Eight hand clamps are required to properly secure the window while the adhesive cures.

PARTS IDENTIFICATIONS

Screw and nut kit

Glass mounting screws with washer and 6 mm lock nut (8 pcs.)

6 x 25 mm screws (4 pcs.)

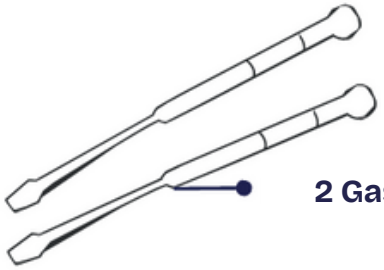
6 x 20 mm screws (4 pcs.)

6 x 5 mm screws (2 pcs.)

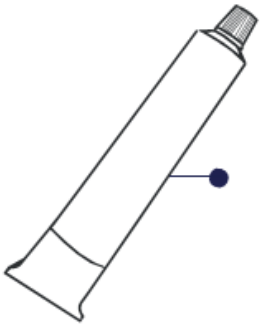
Ball joints with nuts (4 pcs.)

Flat washers (4 pcs.)

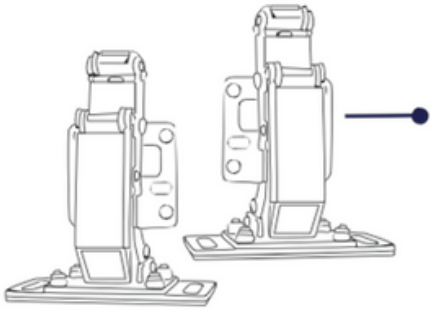
6 mm lock nuts (14 pcs.)



2 Gas struts



1 special adhesive

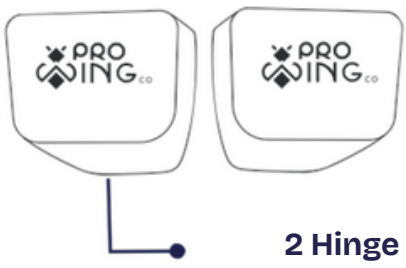


2 Hinges

4 mm drill bit

Lag screws (4 pcs.)

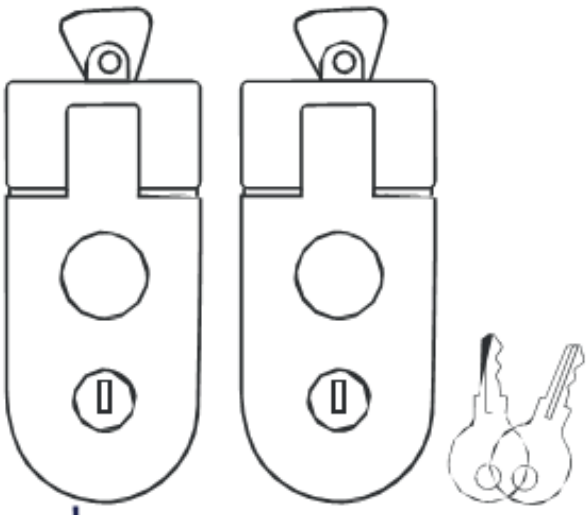
4 Rubber plugs



2 Hinge covers

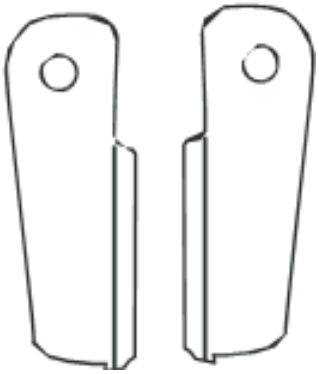
1 Body edge trim seal

1 Window frame

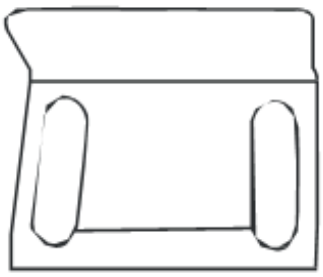


2 Security locks with keys

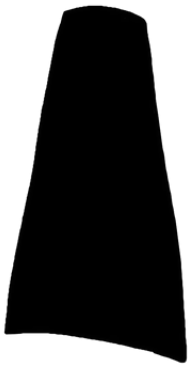
1 Glass panel



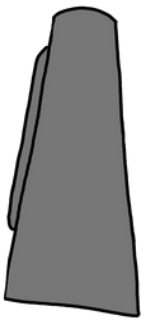
Glass strut brackets (2 pcs.)



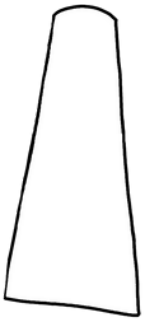
Upper brackets (2 pcs.)



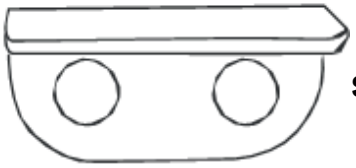
Black vinyl



Fiberglass component



PPF film (Paint Protection Film)

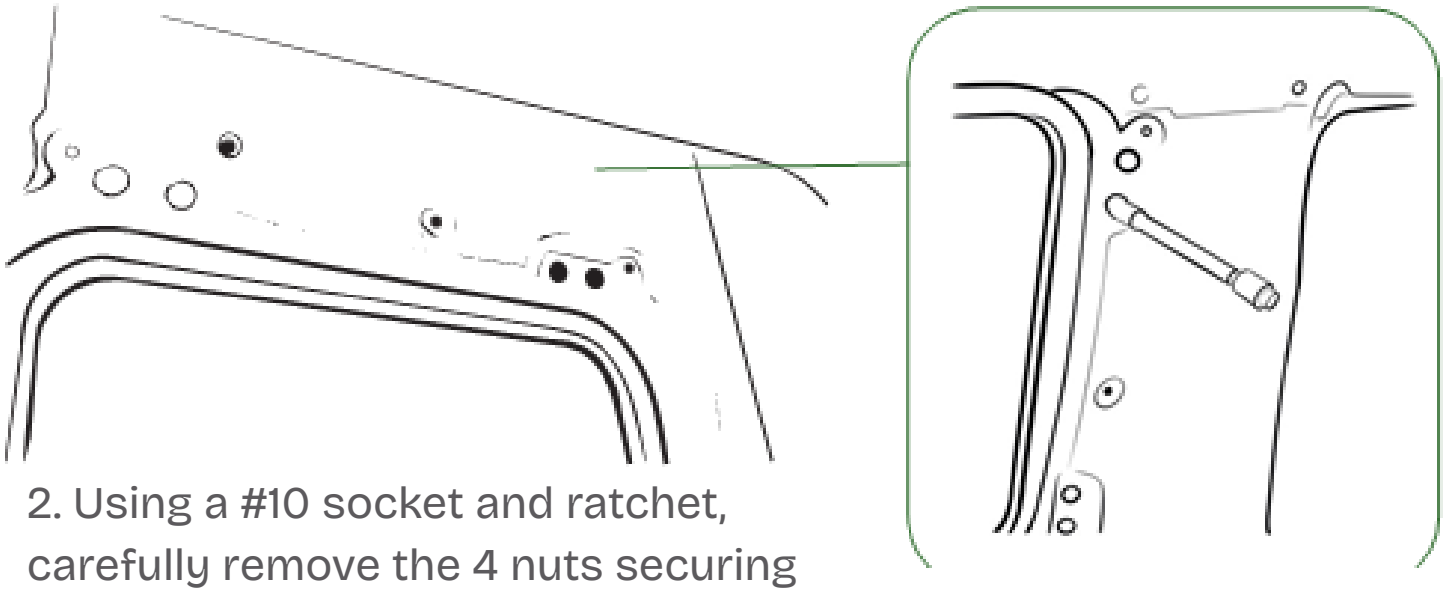


Side brackets (2 pcs.)

REMOVAL OF ORIGINAL WINDOWS

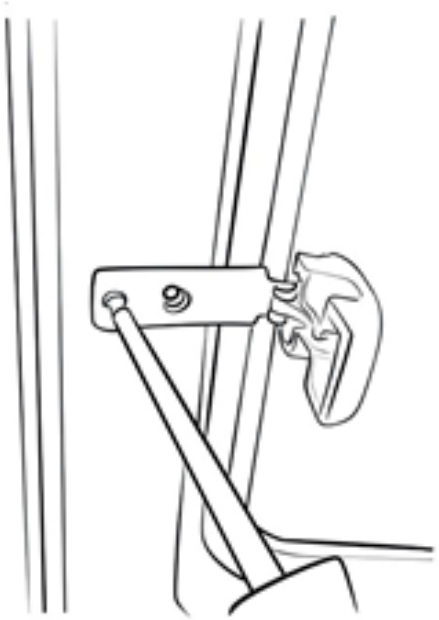
To install our (PROWINGCO) window, the original window must first be removed. Please follow the steps below:

1. Remove the interior panel of the vehicle



2. Using a #10 socket and ratchet, carefully remove the 4 nuts securing the glass. Ensure that one person is outside the vehicle supporting the glass in case it falls and breaks.

3. Using screwdriver, loosen the two screws securing the other end of the glass to the vehicle pillar.



4. Remove the original seal installed on the vehicle

5. Clean the vehicle frame with a degreaser and a cloth, removing any remaining adhesive and dirt.

6. Apply the black vinyl from the door frame to the area where the window edge trim will be installed.

FRAME INSTALLATION

1. Install the edge trim seal around the window frame, starting from the middle of the bottom section. Press it firmly into place; a rubber mallet may be used if necessary.

2. Once the edge trim seal is firmly in place, we will cut the seal. Cut approximately 2 cm longer than needed. Peel back a portion of the trim and reposition it, pressing firmly so that there is minimal gap between the two ends. Ensure the cut is as straight as possible.

3. Apply adhesive to the side of the previously installed edge trim seal and to the metal part of the window frame, using a wooden spatula to spread it evenly.

4. Wait 10 minutes for the adhesive to set, then attach the frame to the seal. Remember to position the 3 metal shims underneath to center the frame.

5. To achieve a perfect and permanent assembly, place adjustable clamps around the frame to securely hold it to the vehicle body.

6. Gradually tighten each clamp until the frame is firmly pressed against the vehicle body flange.

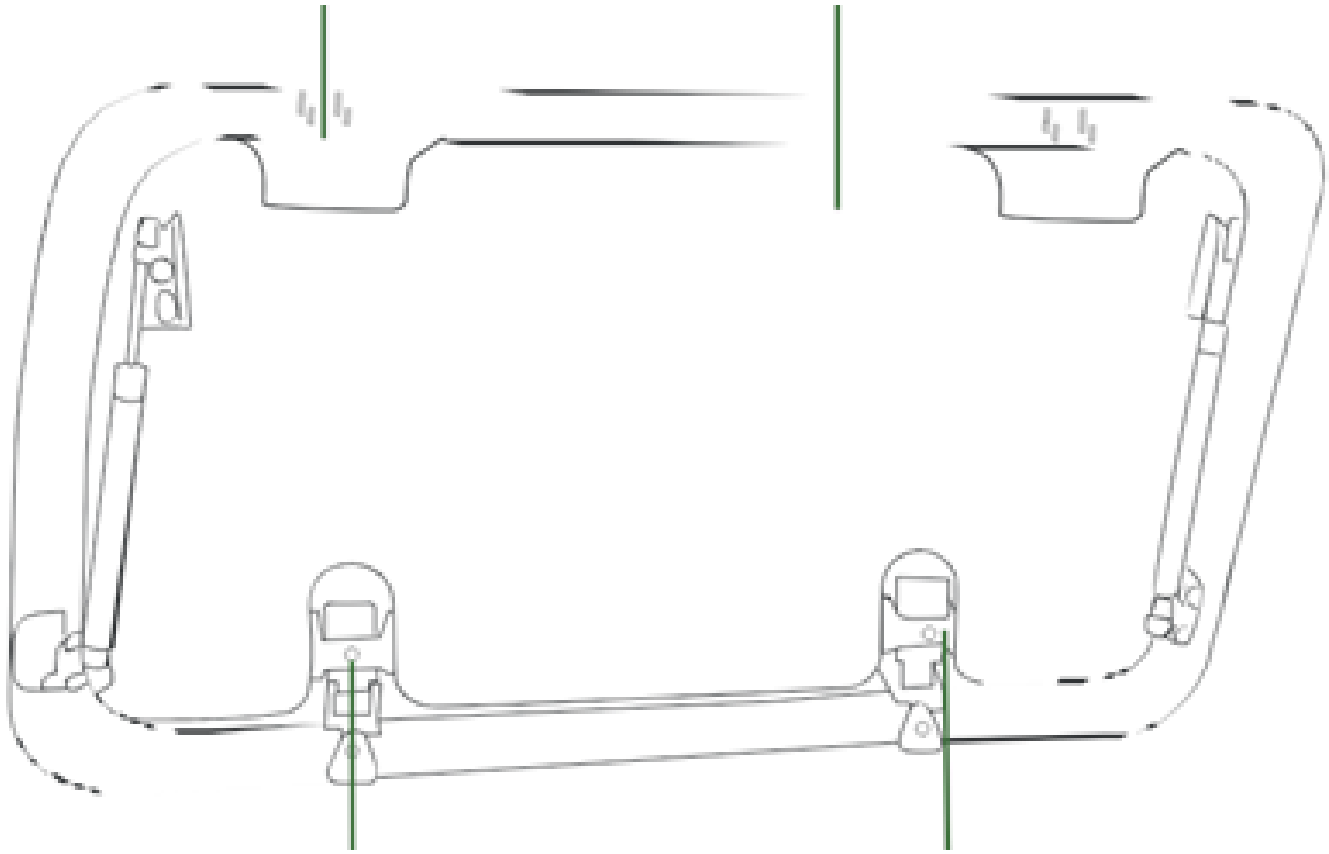
7. After 24 hours, remove the adjustable clamps and trim any excess adhesive with a utility knife.

WINDOW ASSEMBLY

1. Position the hinge at the top of the frame, with the plastic side facing the glass, and screw the metal side to the window frame.
It is important that the hinge extends outward to allow the window to open.

Each hinge will use 4 screws: the two longer 6 x 25 mm screws should be installed closest to the frame, and the two 6 x 20 mm screws should be installed at the end farthest from the frame.

2. Place the glass face down on a towel or a soft surface

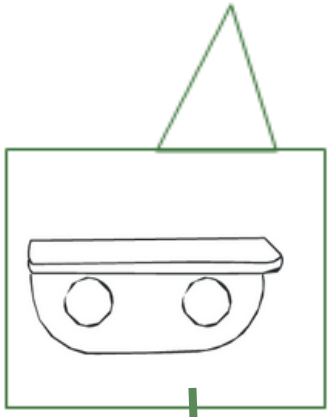


3. Unscrew the nut located at the back of the security lock. Position it so that the metal plate is on the front side of the glass.

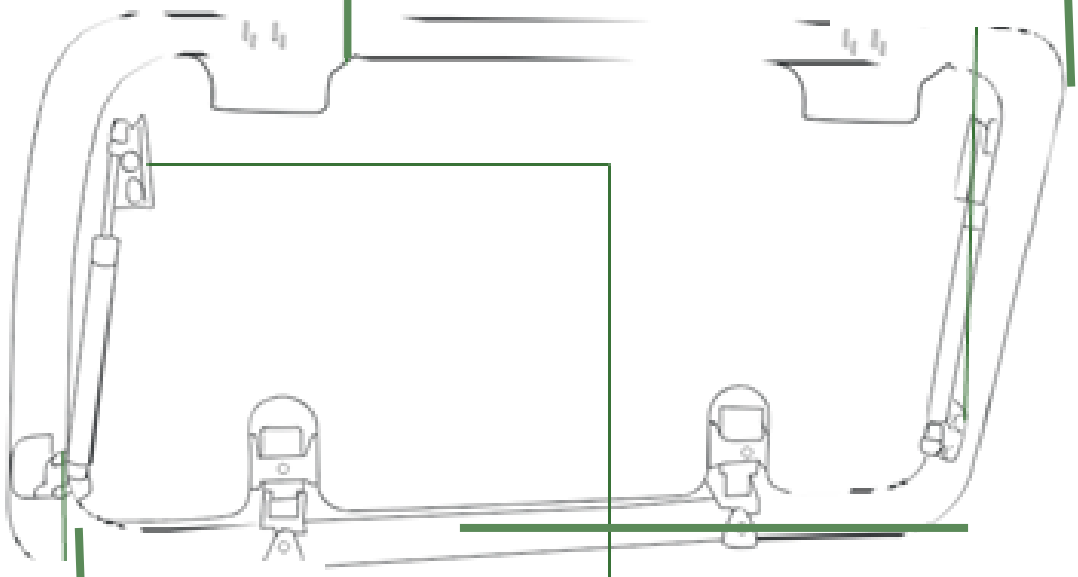
4. Place the adjustment gasket of the locking system onto the glass and tighten the nut. Be careful not to overtighten to avoid breaking the glass.

5. Place the lock adjustment gasket onto the glass and tighten the nut. Be careful not to overtighten to avoid breaking the glass.

6. Install the angled brackets on both sides.

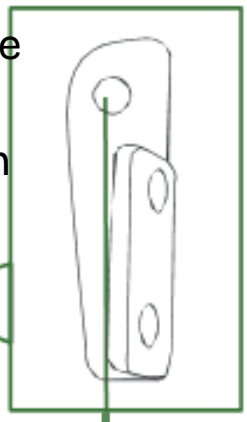


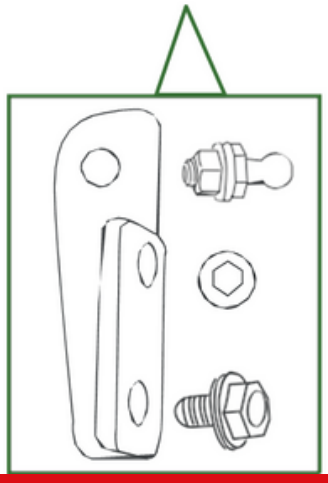
Vista Interna



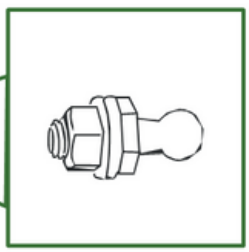
7. Screw the bracket to the window frame, placing the fixing screw in the lower hole of the bracket and the strut screw in the upper hole.

8. Internally position the strut bracket with the gasket against the glass, carefully holding it from the outside. Tighten the 6 mm nut with a wrench, ensuring the screw remains in place while tightening the nut.

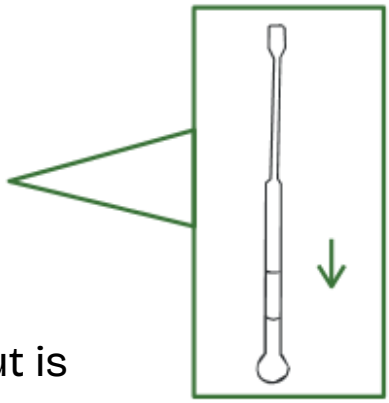




9. Adjust the strut screw, ensuring the ball joint is positioned on the outside of the window.

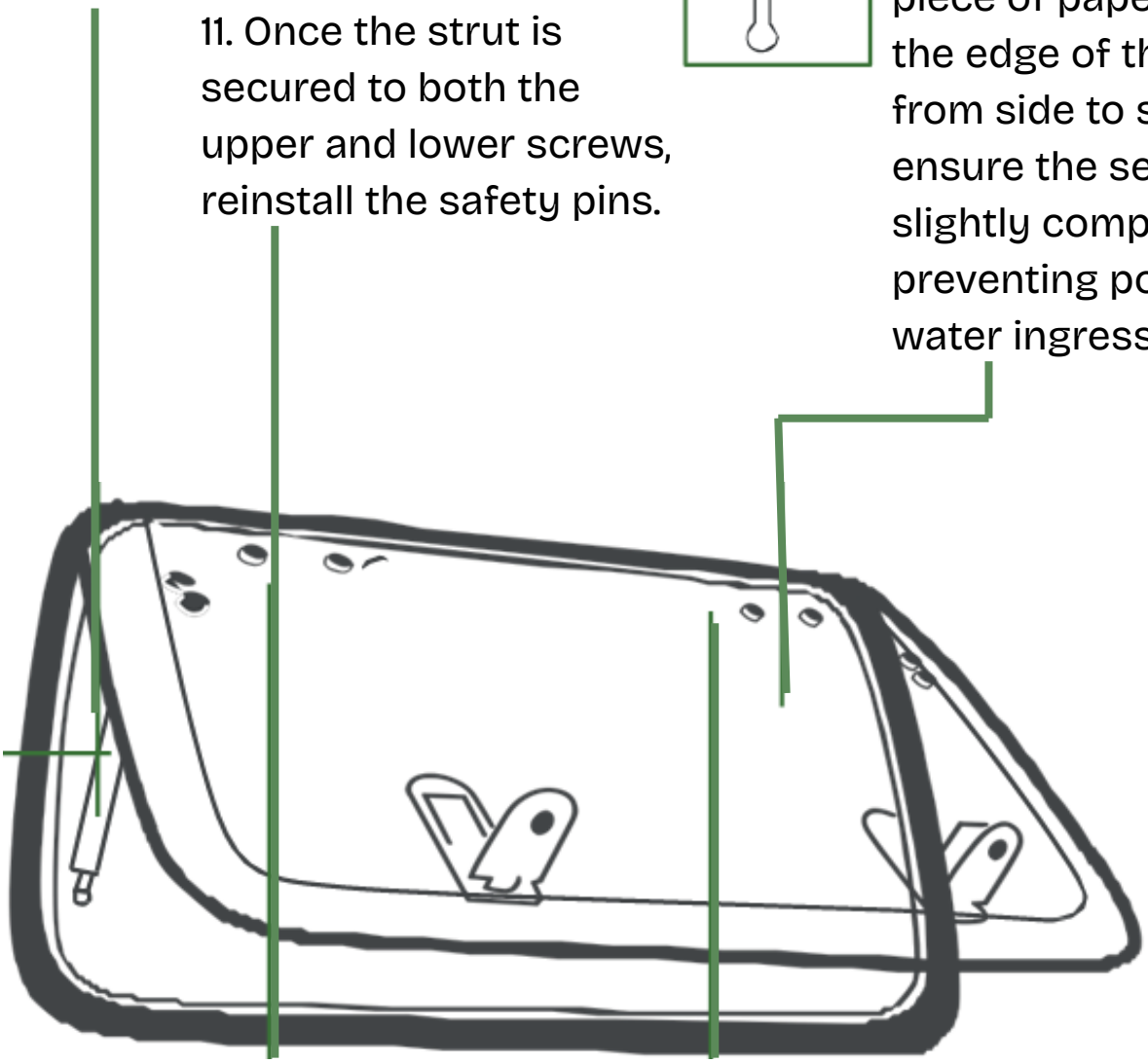


10. Remove the safety pins from the gas strut and position its body at the bottom of the window.



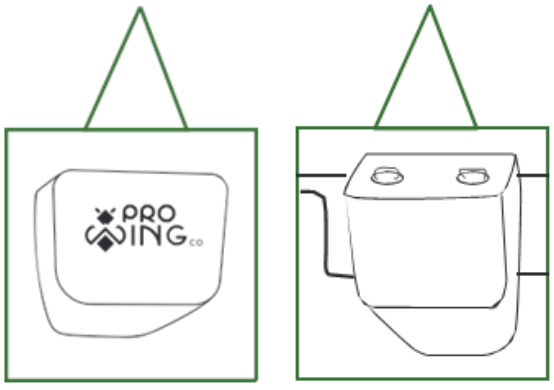
12. Once the gas struts are positioned, check that the glass does not rub against the vehicle body. To do this, slide a piece of paper around the edge of the glass from side to side to ensure the seal is slightly compressed, preventing possible water ingress.

11. Once the strut is secured to both the upper and lower screws, reinstall the safety pins.



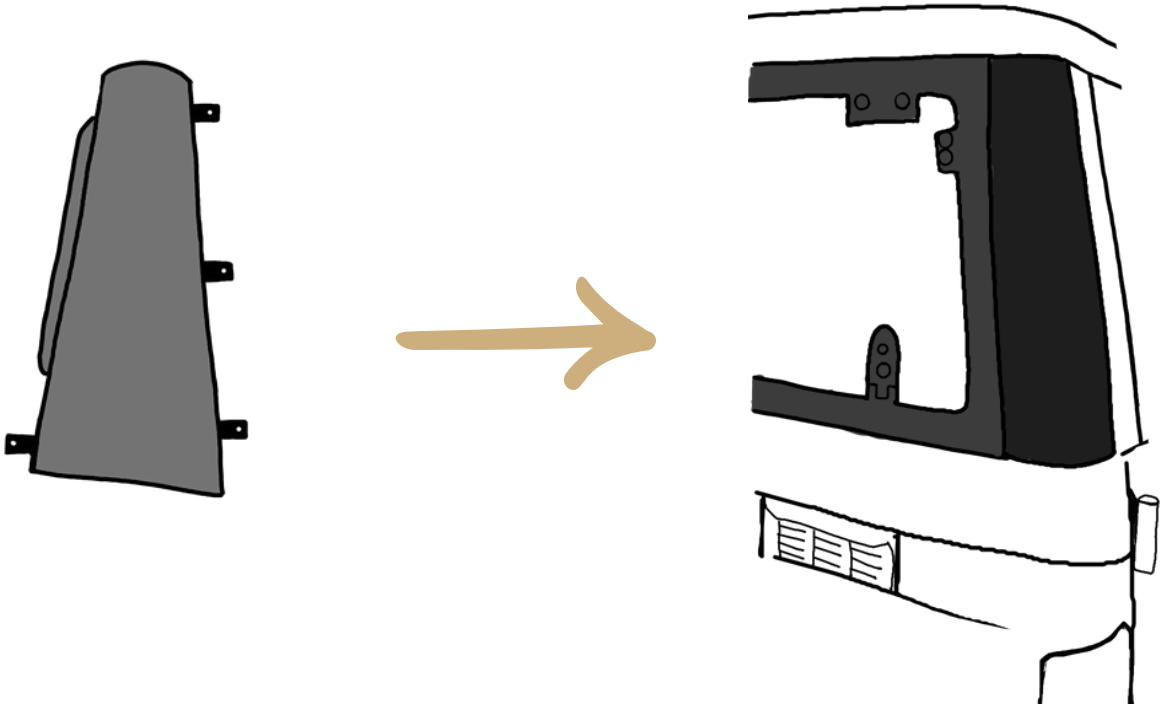
13. To secure the seal, remove only the upper 6 x 25 mm screws from the hinges attached to the frame, position the L-shaped bracket, and screw it back in place.

4. Place the hinge covers over the 6 x 25 mm screws, add a flat washer on each screw, and secure them with an additional 6 mm nut to hold them in place.



POSITIONING OF FIBERGLASS PANEL

1. From the back of the fiberglass piece, remove the 4 screws, 4 washers, 4 thin metal shims, and one rubber edge trim. Place them into each threaded insert in the fiberglass piece, taking care with the sliding slots on the shims to allow precise adjustment of the part on the vehicle. Install the 3 bent shims on the side that will face the rear door, and the one straight shim on the side closest to the glass, as shown in the figure.



2. Position the fiberglass piece on the vehicle body to determine where to drill for the 4 lag screws that will secure the part to the body. It is necessary to adjust several times to ensure a small and even gap between the glass and the fiberglass piece.

3. Apply the PPF film onto the fiberglass piece to complete the assembly.

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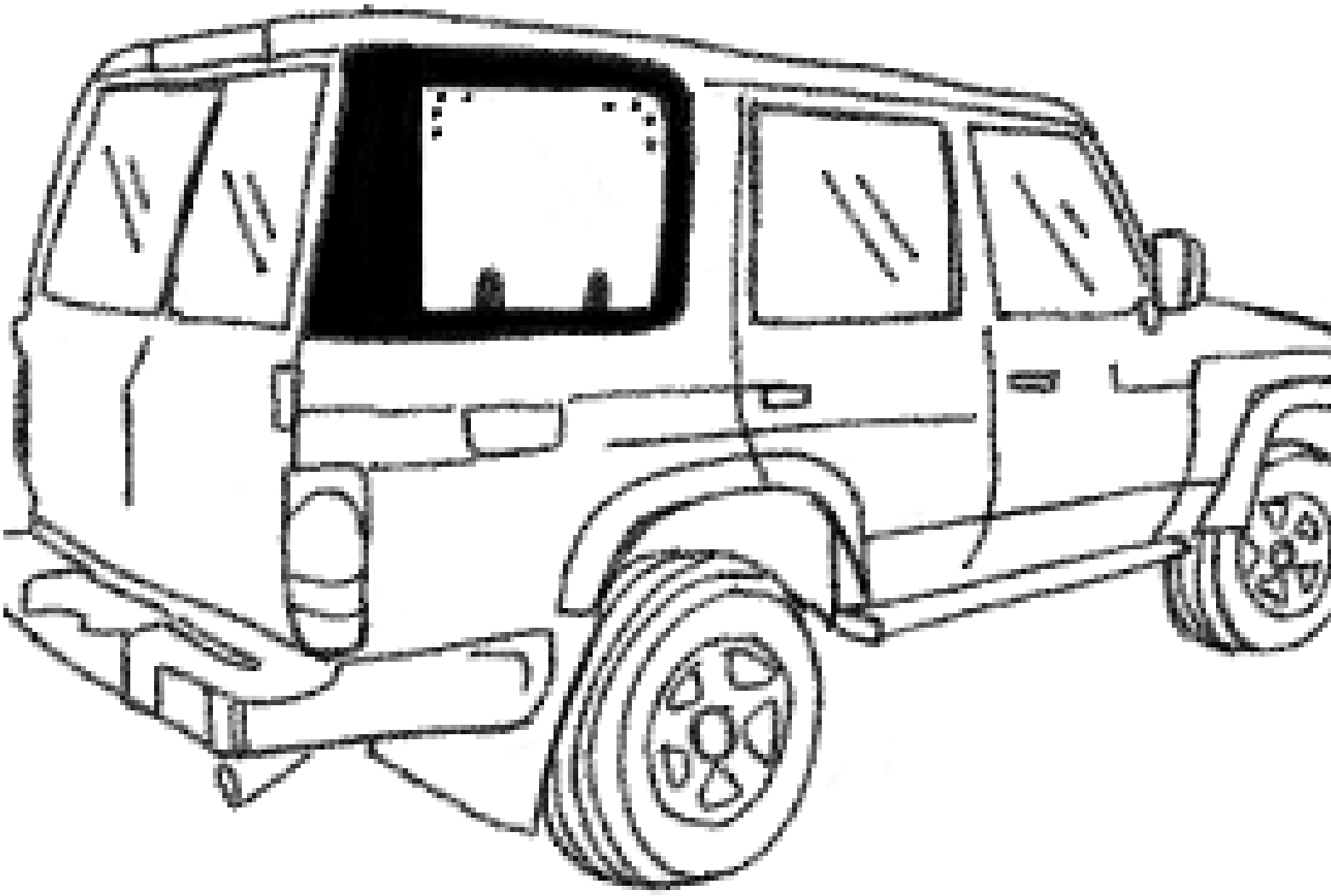
ADDITIONAL NOTE

1. The glass can be adjusted vertically to ensure it does not rub against the vehicle body. To do this, loosen the special screws securing the hinges from the inside and evenly position the glass within the frame.
2. Insert or remove the glass only through the hinge slots; when inserted, the seal is compressed, and when removed, the seal loses its function, allowing water ingress.

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