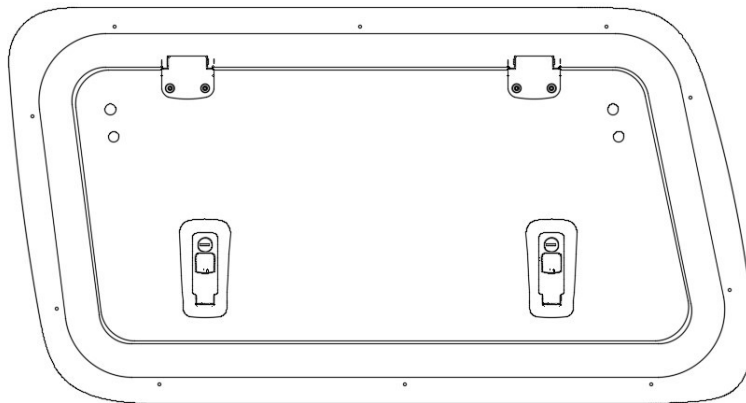




## Removal and installation guide Toyota Land Cruiser 80 Series



### Required materials:

#### **Removal original window**

- Scraper set designed for removing body side moldings without damaging metal, glass, or paint.
- Masking tape to avoid damage on your bodywork
- Suction cup

#### **Installation new Explore Glazing window:**

- Screwdriver
- Wrench nr. 7
- Alcohol
- Masking tape
- Dow Corning® 791 sealant (silicone caulking compound)
- Caulking gun

### Materials supplied

- Inner rim
- Stainless steel oval-head screws M4 x 22 (10)
- Lock nuts M4 (10)
- Washers (20)
- Cover caps (20)
- Neoprene cell rubber

**We strongly recommend that you read the manual in advance.**

**It is important that the Explore Glazing products are assembled correctly and safely. Careless assembly can lead to accidents and serious damage and / or injury to you or others. If you have no technical experience or are not familiar with the general assembly instructions, we recommend that you have our products assembled by a professional company.**

**For a brief installation tutorial, please visit the Explore Glazing YouTube channel where you can find a helpful video: [@ExploreGlazing](#)**

## **Removal of the original window:**

Recommended tools for removal:

- Scraper set designed for removing body side moldings without damaging metal, glass, or paint
- Masking tape to avoid damage on your bodywork
- Suction cup
- Help from a friend

You can round the sharp corners of your scraper tools to protect molding and the surface of your Land Cruiser.

Note: during the removal you do not open the window.

Separate the molding from your window frame on the inside of your car, by placing your scrapers into a corner at the bottom. You may use several scrapers to lift the molding upwards and over the flange.

Ask a friend to place a suction cup on the outside of the window.

If you have separated about 30% of the molding, your friend can remove the window by lifting the window and taking it out sideways.

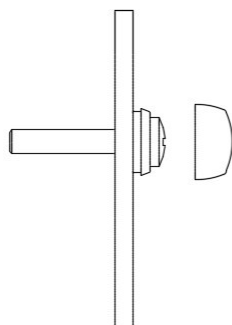
Now you are ready to install the Explore Glazing window: the sliding window or the gullwing window.

## **Installation of the new Explore Glazing sliding or gullwing window.**

An inner rim is supplied with the window. By using the inner rim, the new Explore Glazing window is clamped into the body. There is therefore no need to drill into the bodywork and on the inside you have the perfect finish.

1. The flange of the body needs to be cleaned with alcohol and checked for damage. In case of rust, you must first treat the flange with a primer.
2. You can use masking tape to prevent damage to the bodywork or to remove excess sealant (caulking compound) more easily later on.
3. Place the new window and check the fitting. Make sure that when the new window is installed, there is enough space between the window and the bodywork. The spaces must be nicely even all around.

- Put your new window aside.
- You now first place the oval-head stainless screws (10) with the washers. Make sure that the flat side of the washers are on the outside of the base plate, otherwise the supplied cover caps will not fit. See drawing. The screw holes of the base plate of the new window are already threaded.



- Clean the base plate on the inside with alcohol to ensure it is dust and grease-free.
- Secure the neoprene cell rubber onto the window's base plate, ensuring it is located externally to the screws.
- Place the window in the car, center it and place the inner trim on the inside of the car.
- The washers are placed on the inner rim. Make sure that you also mount it flat again, after which you tighten a lock nut a few turns.

You start on the vertical sides, left and right, because the curves of the body is greater on the vertical sides than at the bottom and top. You press the base plate slightly on the outside, so that you can easily place the lock nuts.  
Note: a few turns and not fixed!

- Check on the outside whether the window is properly centered. Then tighten all lock nuts. Not too tight, hand tight is enough.
- Now place the black cover caps (20) on the inside and outside.

On the vertical side of the window, the screw may seem too long and the cover cap will not fit.

Screw length 20 mm is too short and screw length 22 mm is sometimes too long. If the screws protrude too much, you have to shorten them a bit at some points with a grinder.

**Remark:**

The window is mounted using a clamp system and neoprene cell rubber. We have installed the window in a body part and tested it horizontally with water. We let this water stand for over 72 hours and did not detect any leakage.

Finishing with Dowsil 791 Silicone Weatherproofing prevents dirt accumulation and/or any water leakage by 100% and is an option.

**Finishing with Dowsil 791 Weatherproofing:**

Now you can finish the space between the body and the new window with sealant, Dowsil 791.

Apply enough, but not too much, sealant. Too much sealant is difficult to clean due to the shape of the body.

After applying the sealant, apply some soapy water with a brush: over the sealant, the bodywork and the new window.

The sealant can be removed with a sealant rubber.

To remove the sealant film, the sealant must dry for at least 24 hours. If a lot of sealant has been applied, it will take longer. To be able to remove the sealant film without damaging the sealant, it must no longer stick. Check that first and then gently remove the sealant film with a wet, soft cloth. Do not press or scrub!

Depending on the temperature and weather conditions, full curing takes longer, sometimes 5 to 7 days.