

**Required Tools:** Safety Equipment, Screwdriver, drill, stanley knife, tape, wire snaps, plastic card, caulking gun

### Step 1



Grab your trim removal tool and start unclipping the trim, there are two clips on either side, both of which will need to be removed.

On TD5 models this step only needs to be completed when accessing the rear glass! TD5 users skip to step 5.

**Tip:** Proceed with caution! The clips will snap if you are not careful.

### Step 2



Begin with removing the black cover on the seat bolt, then using a 17mm socket, remove the seat bolt. We now need to remove both of the fir tree clips, the first clip can be found just above the seat bolt as shown in the photo; remove these with the trim removal tool.

There is no need to remove the inside side trims on TD5 models as the window frame is on the outside of the vehicle.

### Step 3



Remove all four handles at the top of the trim by tapping screws under the covers. You will now need to remove the fir tree fitting at the bottom of the panel.

In Puma models you will find your fir tree fittings have rubber stops, you will also need to remove the rear seat belt bolt located on the floor; this can be completed using a 17mm socket. Pass the end through trim to release the trim.

### Step 4



Place the removed trim and all of the fittings somewhere safe.

### Step 5



We now need to remove the rear quarter, to start remove the rear window lace; when completed remove the rubber and the glass. You will need to be careful when removing the glass because heavy hands can cause shattering, push the glass inwards and wear gloves.

**Required Tools:** Safety Equipment, Screwdriver, drill, stanley knife, tape, wire snaps, plastic card, caulking gun

## Step 6



**Defender Pumas:**

You will need to remove plastic retainers before you can start to remove the window frame. There may be overspill glue on this retainer, so run your Stanley knife around the edge

**Defender TD5:**

You will need to remove the rubber insert trim on the outside to reveal pop rivets, drill out and remove the pop rivets to remove the frame.

## Step 7



Tape up the gutter edge and around the window with three layers of tape to protect the paint work whilst working.

## Step 8



Using gloves and goggles cut the seal between the body and frame, we recommend a Stanley knife with a solid blade.

**Tip:** Do not use snap off blades to cut out the frame.

**Tip:** Do not try and cut in one cut, there are many layers.

**Tip:** Always cut away from yourself.

**Tip:** Use some soapy water in a spray bottle.

## Step 9



After cutting the frame completely, you can remove it. This may take a little bit of wiggling.

## Step 10



Trim off the old sealer with your knife or razor tool, with the sealer gone remove the masking tape and degrease the body panels with the wipes provided, this is also a good time to prime any scratches.

**Required Tools:** Safety Equipment, Screwdriver, drill, stanley knife, tape, wire snaps, plastic card, caulking gun



### Step 11

Fit the edge trim supplied onto the metal edge around the window of the Land Rover. Use the wipe pouch from kit to clean the body before priming.

**Puma model:**

There is an internal finishing trim available in our shop.



### Step 12

Clean the glass with glass spray and dry. Now we use the provided Betaclean wipes to wipe down the black band on the glass. When the glass is clean take the Betaprime 5500 primer and cotton buds provided and create a 1" band inside the edge and all of the way around, this should be a clear prime line.

**Tip:** Take care not to drop any primer on lower paint work.



### Step 13

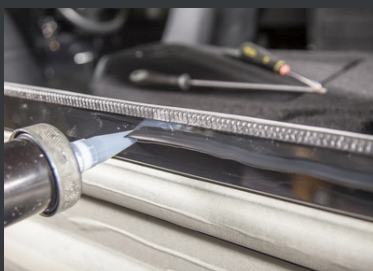
Prime the glass all the way around with a 2" band. It is important that primer lines on the body and glass match so the glue adheres correctly to the glass and panel, this is why you need a bigger band on the glass so the glue will not miss the primer.

Allow to dry for 10 minutes.



### Step 14

Use the pre-cut v-nozzle provided and put a continuous line of glue on the primer line, all of the way around the panel. You do not want any gaps in this, so take your time.



### Step 15

Place your glass against your Land Rover, ensure the glass is level along the top, bottom and rear edge. Place the glass onto the glue and press down along all of the edges until your glass is as flat as you can get it.

There should be a 10mm gap at the top for the rubber roof seal, the glass should be in line with the panel edge along the bottom. Place two bits of tape on each side to hold your glass in place.



**Required Tools:** Safety Equipment, Screwdriver, drill, stanley knife, tape, wire snaps, plastic card, caulking gun



### Step 16

Find the edge trim in your kit, this covers all metal edge sides and back quarters. When fitting you will need to pull the trim away on the corners for the glue to adhere to the metal work correctly. Do not forget to prime the corner nice and close to the edge.

Do not fit glass tight to corner or touching corner as it will explode when driving, ensure there is at least a mm gap!



### Step 17

It's the same process to fit the back quarter but where the hinge is on the rear panel keep the glue close to the edge (under hinge). Remember the glass is tight on this corner. The glue will spread out when glass is fitted by the hinge, clean off any excess with general wipes.

Trim isn't required for this section, but it is provided in the kit.

Tip: It helps to remove the bolts when fitting, make sure to refit them when done!



### Step 18

Once the rear glass is fitted you can tape down the edges of joints and edges by doors with a small bit of tape.

Filling in the front edge stops wind noise and finishes off the glass edge. Do not fill in top and bottom of panels.



### Step 19

Fill the gaps with plenty of the fill and finish glue provided, with a plastic card smooth the glue into the hole across the glass edges, try to keep this as flat as possible. Remove excess with wipes and repeat until you have a clean line finish to all the side edges, then remove your tape and allow drying time.

Tip: Do not fill the top and bottom joints of glass so water can escape.



### Step 20

Refit the trim inside, replacing any broken clips. When the glue is dry you can trim the very edge of the glass to give a clean finish. You can wash off the next day, or use glass cleaner to clean the glass.

Tip: Contact us if you need any help whilst fitting.