

Rear Safari Window Fitting Instructions

Congratulations on purchasing your Creative Engineering Rear Safari. Here are some hints to help you on your way.

Step 1

Remove your old window. You can....

- a) use a knife to cut the old rubber seal and pop the glass out, or...
- b) If you plan to keep the old rubber seal, use a blunt screwdriver and pry the old seal back centimeter by centimeter pushing the glass with your feet. Be careful not to push the glass out altogether as it will break when it hits the floor!

Step 2

Clean up you window apertures and check them for need of repair. Repair as required.

Step 3

Next, trial run the frames fit before you glaze and paint the frame. Push the frame as far into the aperture as it can go. (Fig 1). Centre the frame in the aperture from left to right.

Mark where the hinge ends are on your body so you have a guide when you open the window. (Fig 2)

Step 4

It is almost impossible to do this on your own so grab a friend to help you with this job.

Keeping the hinge aligned with the two marks and pushed fully in to the aperture, open the frame until you can mark the hole positions.

Dot punch and drill the 3mm holes. Its not a bad idea to only drill every other hole and check the fit by screwing up the frame before drilling all the holes. This gives you a small chance of adjustment.

Check to be sure the frame is in the correct location before removing.

Step 5

You now need to position the two outer slide body brackets. Do this by referring to fig 3.

Position the brackets 35mm down from the lower hinge mounting hole. The 35mm is centre to centre.

Early buses with either small rear window or 23 window, can position the slides by screwing the brackets onto the slides with the wing bolts. Use the nylon washers on either side so the slides won't scratch.

With the window hanging down in the closed position, you should move the clamped brackets up the slide as far as they will go. This is the position where the body mounting brackets must be fixed.

You can either rivet the brackets to your body with the rivets provided, or better still, weld them on.

You can now fix the two catches on with the short M5 countersunk screws provided. With these fitted, position and fit the catch clips for the latch to clip onto. These are secured by self tapping screws.

When you are completely happy with the fit, you can remove the frame and paint it. (if chrome go to next step). You will need a correct size screw driver for the small M3 x 6 joint screws.

Step 6

If your painted frames are now fully hardened, or if you have polished frames, you are now ready to glaze them. Remember the frame fitted perfectly so be careful not to be heavy handed pushing the frames or you could change their shape. Be firm but careful. DO NOT GET STRESSED. Take your time. If you don't get it glazed in 10 minutes, have a coffee and come back to it. It is not difficult.

First, take the glass seal and look for the join in it. Position the join top centre on the glass and press the seal onto the glass. Work the seal all the way round the glass.

Lubricate completely the outside of the glass seal with WD40 or washing up liquid.

Place the lower half of the safari on a soft surface (carpet) and carefully push the glass into it. Push the glass into position in the frame. Do not let the rubber seal go completely inside the frame. It is a good idea to only push the seal about 3/4 into the frame until you have the top frame on. DO NOT FORCE THE GLASS OR BEND THE FRAME. The two will fit together WITHOUT FORCE.

Slip the top frame on and slide the joints to connect. Only inset about 10mm of one joint in and then 10mm on the other joint. Then push the top down equally making sure the rubber seal is going into the frame. When the frame is fully closed, slip in the four joint screws.

Now, carefully work the rubber seal fully into place. With luck, it should not have been to difficult. When complete re install the frame into the window.

Step 7

You can now install the slides. We supply enough nylon washers to fit on either side of every bolt.

There is no set order for washers as every installation varies slightly. Be sure to install the slide screws in such a way that they will not hit your rubber seal when you open the window.

Install the catches and dash clips as seen in this photo. (left) The latches point towards each other.

Never try and open a catch unless the button is pushed fully down. If stubborn, release and repress button. Catches do "loosen up" with use.

It is not normally necessary to use excessive force when pulling windows shut with catch.

Never use any other body seal than the one we provide. (Replacements are always available). Using fatter seals will result in possible catch and hinge failure. We have spent years developing these kits so that all parts work perfectly together. Use only CE replacement parts.

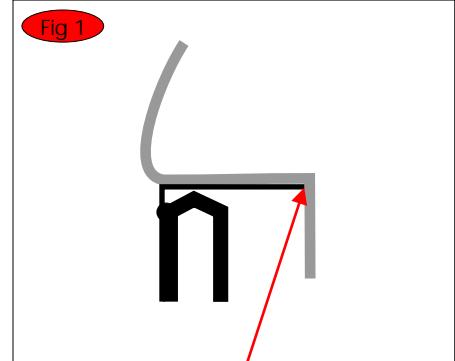
Step 8

When you have completed the Safari installation, you can push on the body seal. Make sure to push it right into the corners. Trim off any excess. We recommend running a small bead of clear silicone sealant around the body flange that the rubber body seal pushes onto. Run a second small bead between the rubber and your paint work so that rain will find it difficult to go under the rubber seal. We supply enough nylon washers to fit on either side of every bolt. You may find it necessary to add additional washers to space all components evenly.

There is no set order for washers as every installation varies slightly. Be sure to install the slide screws in such a way that they will not hit your rubber seal when you open the window.

Install the catches and dash clips as seen in this photo. (left) The latches point towards each other on each window.

Fig 1



This diagram shows how the frame must be pushed into the aperture until the hinge reaches maximum depth.

Fig 2



Centre the frame horizontally so that you have an even gap on the left and right of the frame. Mark exactly the ends of the hinge on your body. This allows you to open the frame to mark hole location.

Fig 3

