

FITTING GUIDE

Replacement of lenses in Lewmar Old Style Portholes.

Tools you will need:

Cross head screwdriver
Stanley blade
T25 wrench or equivalent allen key
10mm a/f spanner

Parts you will need (we sell them as a kit)

New lens
OR 110-20 O rings (one per handle)
M6 nylon6.6 washers (one per hinge)

Removal:

Detach the lens from the frame by undoing the two M6 screws (T25 or allen key) that attach it to the hinges. Take care not to drop the lens through the hole, especially if there is no side deck to stop it from falling overboard. It does not float. Also watch out for the washers on both sides of the fixings.

Now that you have got the lens safely on the saloon table you can take the catches off. There is a plastic cover over the retaining screw which can be removed by flicking it out with the stanley blade. It takes a bit of getting the hang of, but there is a knack. It is then a simple task of unscrewing the single screw on each catch. Note that the levers point towards the edge of the window. Clean the handles and replace the O rings (11x2mm) on the underside of the outside part.

Remove the protective film from the new lens and screw the catch onto the new lens. Tighten until the handle is stiff to turn.

Refitting:

It is a good idea to clean the closing seal and maybe give it a wipe over with vaseline to keep it supple before refitting the lens, but remove any excess vaseline as it could attract dirt and grit

Screw the lens back on to the hinges replacing the outer washers with nylon ones. Then make any necessary adjustments to the tightness of the screws on the handles before replacing the black plastic covers.

Care and maintenance

The life expectancy of windows is very dependant on the type of use the craft has and the care taken. Acrylic should last for at least ten years if well cared for but with increasing levels of UV radiation (due to ozone depletion, I think) this is getting marginal. Windows should be washed down regularly with soapy water (not saltwater because of electrolytic corrosion). Pressure washers are not a good idea.

Use a good plastic polish on the lenses at least twice a year. We recommend and can supply Greystate plastic polishes (see our website or catalogue for details). Clean the closing seal with soapy water. **DO NOT USE ABRASIVES ON THE FRAMES – THEY WILL DAMAGE THE ANODISING.**

Ideally you should wax polish the frames (with the rest of the boat) once a year.