

FITTING GUIDE

Replacement of lenses in Lewmar Old Style Portholes.

Tools you will need:

Cross head screwdriver
Stanley blade
T25 wrench or 4mm hex 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 screws (T25 or hex key) that attach it to the hinges. Take care not to drop the lens, screws, nuts or washer overboard, none of which float. There are washers on the outside under the screw heads and on the inside under the dome nuts.

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 using two Stanley blades on opposite sides of the cap to prise it out. It is then a simple task of unscrewing the single screw on each catch. Note the direction of the hand levers. 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 slightly 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 new nylon ones. Then make any necessary adjustments to the tightness of the screws on the handles before replacing the plastic caps.

Scratches on the protective coating of the lens sometimes leave a sticky residue when it is removed that gives the appearance of a scratch in the acrylic. Usually wiping with a soft cloth that has been wetted will remove all trace of what you thought was a nasty scratch.

Care and maintenance

The closing seal needs regular cleaning and moisturising as it is very difficult to replace, having been fitted into the frame before the frame was bent to shape. Water leaks are most likely to be due to the failure of the seal between the boat and the frame. Easy to replace using Scapa bedding tape so don't be tempted by the false economy of creeping crack cures or dobbing clear silicone everywhere. Also, examine the horizontal plastic inserts between the two halves of the frame. These suffer ultra-violet degradation, water gets in the joints and into the hollow frame. It then leaks from the screw holes inside. To remedy, cut out some of the plastic, make sure everything is clean, then mask up and seal with black mastic smoothed off with a pen-knife blade. Remove masking when the mastic has cured. 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.

This information is for your general guidance only. It does not constitute a contract, part of a contract or a warranty.

February 2019