

# **LEWMAR®**

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## **NEW STANDARD PORTLIGHT SEAL REPLACEMENT INSTRUCTIONS**

### **1) Check The Seal**

Check that the seal you have received is the correct size for the portlight to which it is to be fitted (N. B. the fitted seal is slightly stretched at the corners to prevent it wrinkling on the inside edge).

### **2) Remove The Old Seal**

The seal is held in place by a hook in the rubber which fits into a cavity in the aluminum (see Fig. 1). In addition silicone sealant has been applied to the cavity to aid assembly and help prevent leaks.

### **3) Clean The Cavity In The Aluminum**

This may be done using a plastic scraper, extra attention should be given to the corners. Solvents should not be used to remove the old silicone sealant as it may attack or otherwise damage the anodized aluminum. It will also result in damage or increased weathering to the acrylic should it come into contact with the window.

### **4) Dry Fit The Seal**

When fitted to the frame the join in the rubber seal and the air release holes should be positioned relative to the hinge and handle catches as shown in Figure 2.

Using your fingers, push the seal home starting from the middle of each edge and working towards the corners. If careful it is possible to feel the hook engage in the cavity. Push the seal home in the following order

- 1) hinge edge
- 2) handle edge (or for the Size 5 with handles on three edges, the edge opposite the hinge)
- 3) the remaining edges

If the seal will not locate at one point check that all the old sealant has been removed.

There should be an equal amount of seal left to be fitted to each corner. The seal will require stretching slightly to fit around the corners. This may be done using a "pusher" or "roller" tool, Figure 3 (N.B. excessive use of a roller tool with too sharp an edge may damage the surface of the seal)

When the seal is in place inspect closely from the outside with the window open and closed and from the inside. If an area of the seal is uneven it may indicate it is not properly installed.

Remove the seal

### **5) Apply Sealant**

Apply a bead of silicone sealant all the way around the inside of the cavity. Fit the seal as above, close the portlight and leave to dry for 24 hours.

When the silicone sealant has dried the portlight may be opened and a very thin coating of silicone grease applied to the hinge edge of the seat where it contacts the window. This provides some lubrication where the window slides across the seal as it closes.

For figures see drawing (B5967-B) on reverse

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## REPLACING NEW STANDARD PORTLIGHT SEALS

FIGURE 1

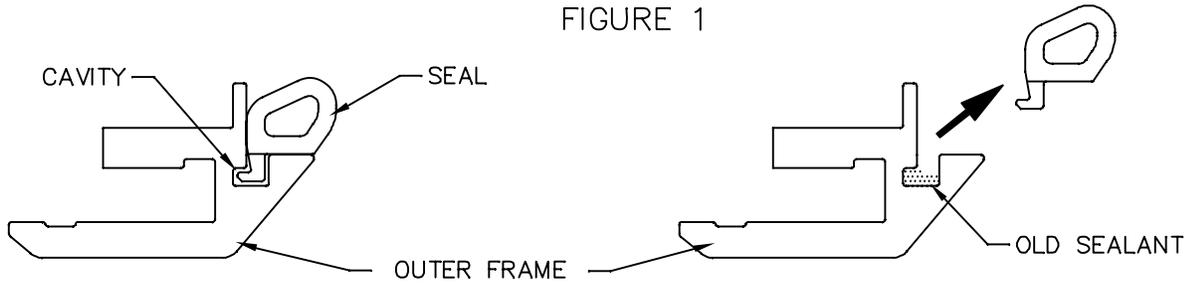


FIGURE 2

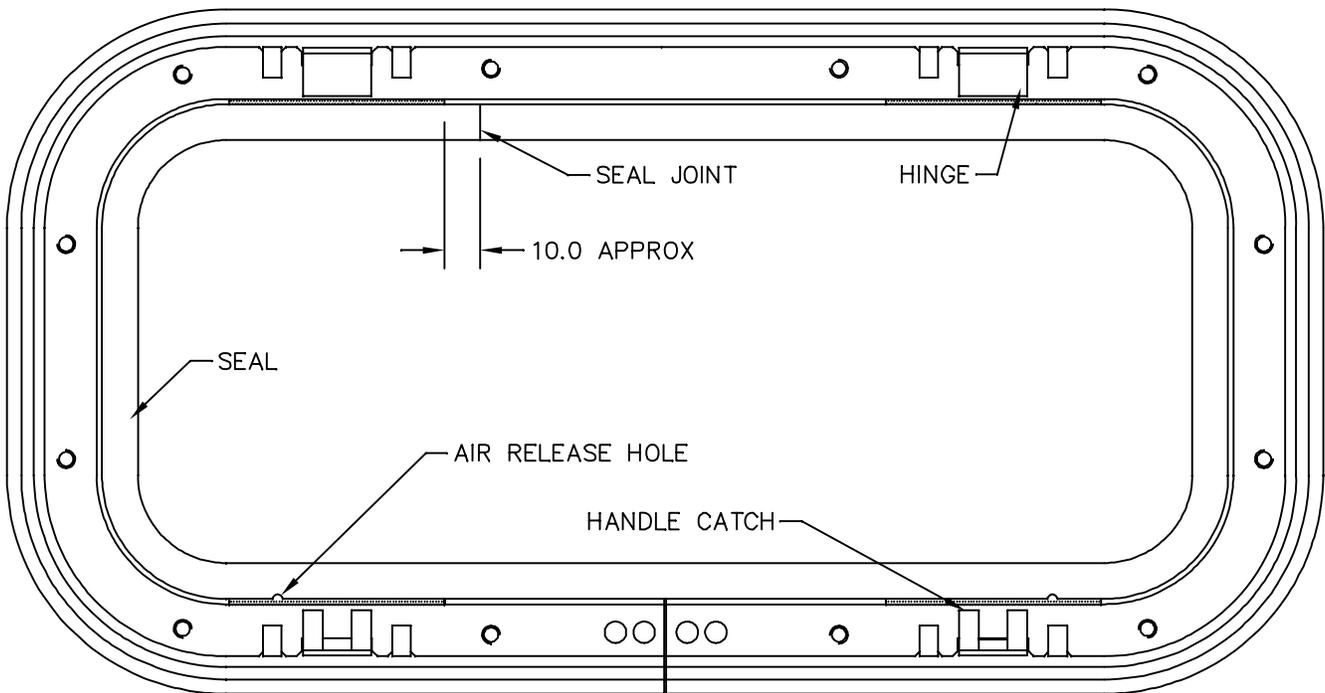
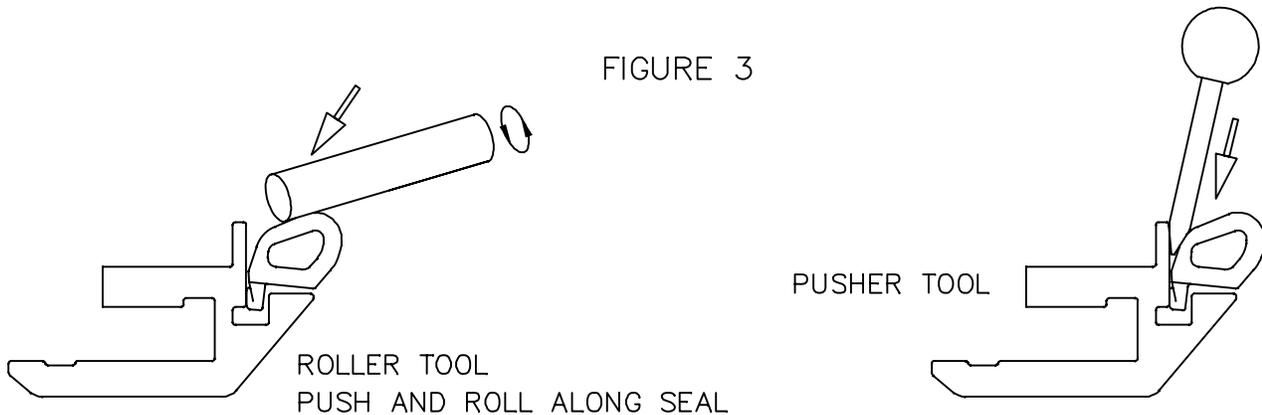


FIGURE 3

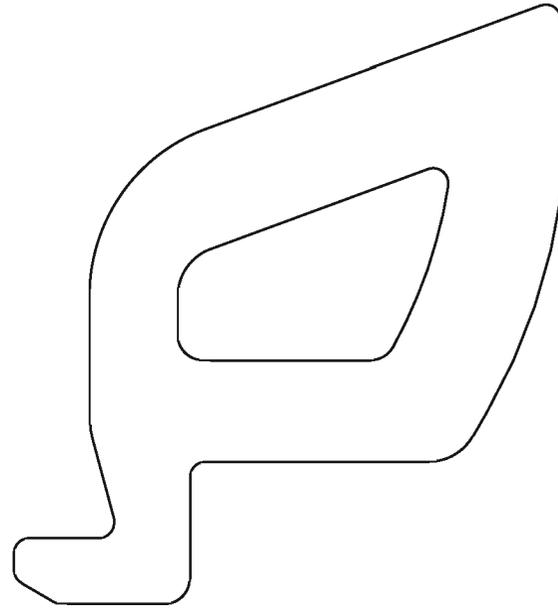


FOR TEXT SEE REVERSE (B5967-A)

FIRST ANGLE PROJECTION

REMOVE ALL BURRS AND SHARP EDGES

ISSUE	REVISION	MOD No.	DATE
C	SEE MOD SHEET	H2771	23-May-07



This drawing illustrates Lewmar's new gasket, a revision of the original Lewmar "New Standard" gasket. The revision was introduced during 2008. If your "New Standard" port was manufactured before 2009 this replacement Lewmar gasket will will look different than your original.

The new gasket, by design is slightly fatter to form a better seal (per Lewmar's technical support staff). If you have difficulty closing the port after installation of the new gasket, apply a thin coat of Marelube to the gasket. This will allow the gasket to slip over the lens and seat without binding.

Catalina Direct Tech Support

PART No.  
33001791

ORIGINAL SIZE A3



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MATERIAL SEE NOTES	ALL DIMENSIONS IN mm	DRW AWW	TITLE NEW PL SEAL (60 SHORE)	
	TOLERANCES (UNLESS STATED) LINEAR ± SEE ANGULAR ± TABLE	DATE 23-May-07	PART No. 33001791	LEWMAR
FINISH SEE NOTES	SCALE 10:1	MODEL NAME: 33001791		

# Lewmar Portlight Gasket Information



Old Standard ports use replacement gasket part #Z3712

		Lewmar specifies this length of gasket material				# Z3712
		Overall Port Size (on outside of boat)				
		Height		Width		
Part #	Lewmar Port Model	mm	Inches	mm	Inches	mm
Z2706	Size 0 Old Standard	176	~6-15/16	323	~12-3/4	762.4
Z2329	Size 1 Old Standard	191	~7-1/2	367	~14-1/2	902.7
Z2878	Size 2 Old Standard	176	~6-15/16	425	~16-3/4	960.7
Z2961	Size 3 Old Standard	191	~ 7.5"	449	~17-11/16	1037



New Standard ports use replacement gasket part #Z3713

		Lewmar specifies this length of gasket material				# Z3713
		Overall Port Size (on outside of boat)				
		Height		Width		
Part #	Lewmar Port Model	mm	Inches	mm	Inches	mm
Z2669	Size 1RE New Standard	191	~ 7.5"	367	~ 14-1/2"	720
Z2944	Size 7RE New Standard	191	~7-1/2	425	~16-3/4	860