

HANDLE O-RINGS REPLACEMENT ALL “93” SERIES VALVES

Should it become necessary to replace the handle O-rings on any style “93” series Marelon[®] Integrated Marine Plumbing Systems valve, please follow these 9 simple steps:

1. Close the valve completely and carefully note the handle position (for Step 7.) This is particularly important if the boat is in the water. Have a rag or sponge handy as you may get a few dribbles of water during this operation.
2. Remove the white cap on the handle. On most style valves this cap has a loop on it. This cap is also the thru-hull plug for emergency repairs to the valve without the need to haul the boat. If your style valve has only a white or black flush cap you will need to drill a hole in the cap (or punch hole and pull the cap off completely but this may be more difficult) to allow access to the handle set screw. Flush cap styles cannot be used as a thru-hull plug.
3. Under the cap there will be a small Phillips head screw. Remove this screw and carefully pull the handle straight off. Be sure you remember the handle position (this is why “off” is desirable) so when you replace the handle to the sprocket (in Step 7), the reconnected handle is in exactly the same orientation.
4. One of the O-rings should be on the handle. If you do not see an O-ring it means it has rolled off the handle and is in the valve body. You must dig this O-ring out with your fingers or a bent paperclip. Be careful to not damage or score the valve or handle surfaces. **DO NOT** put the new O-ring in the valve body.
5. Lightly lubricate the O-ring, and the handle base, and roll the new O-ring **ONTO THE HANDLE** as shown below in photo #1:

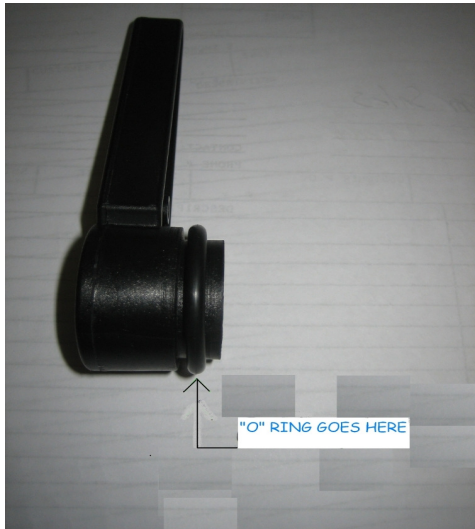


Photo #1



Photo #2

NOTE: Putting the O-ring ON THE HANDLE (not in the valve) is very important.

6. Then be sure the smaller o-ring is placed in the center of the sprocket as shown in photo #2. Pack the area around the male sprocket in the valve and the O-rings with MareLube[™] or other suitable PTFE based grease.
7. Place the handle back onto the valve in exactly the same position it was in when you removed it in Step 1.
8. Insert the handle screw and tighten “hand-tight” only. Do not over-tighten. Having some of the grease squeeze out is a good thing.
9. Operate the handle and check for leaks. There should not be any!

If you have any questions or need additional information or spare parts, contact Forespar.

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