

*LEISURE FURL*<sup>™</sup> *BOOM SAIL COVER*  
*REPLACEMENT INSTRUCTIONS*

**Replacement sail covers are available from Forespar (Phone 949-858-8820 Fax 949-858-0505).**

Following are step by step instructions for replacing the sail cover in your Leisure Furl boom. The tools required are a razor knife, a propane torch, a heat gun, a tape measure, a nautical sewing kit and an electrical snake. It will be necessary to heat a knife to seal the ends of the ropes, and fuse the ends together. You will also be required to heat shrink tubing, so a heat source will be necessary (heat gun).



If the existing sail cover is sufficiently intact, it can be used to pull the ropes of the new cover through the boom. This should be considered prior to removing. After removing the aft cowl ensure that the sail cover guides are clean and fair.

Inspect the sail cover grooves for burrs or rough edges, and that they are clean. This will allow the new sail cover to slide smoothly.



Round the ends of the long ropes and insert into the sail cover grooves in the top of the boom shell. Use a sharp tool such as an ice pick or awl to pull the ropes through the grooves to the front of the boom. Pull the sail cover through to the front of the boom.

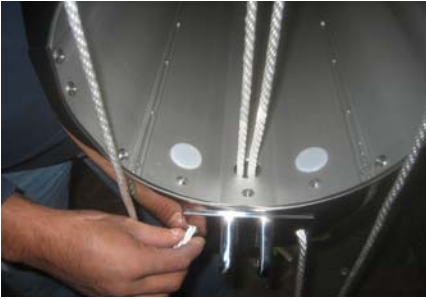


When possible it is advised to use the existing ropes to pull the new ropes through the boom. This helps avoid getting the ropes twisted. Otherwise:

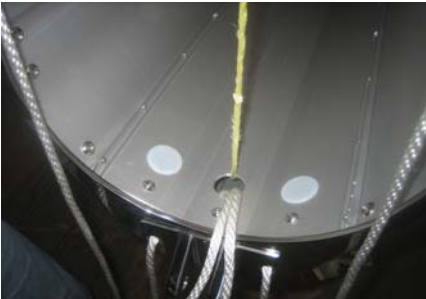
Run an electrical snake forward through the sail cover slot at the bottom of the aft bulkhead. Adding a piece light line to the end of the snake will assist in attaching the sail cover ropes to the snake.



Feed the ends of the ropes into the holes in the front of the boom, then pull the ends up through the center drain hole as shown in the following pictures.



Once the ropes are pulled up through the center drain hole, pull the line attached to the snake through this drain hole.



Tie the three lines together and pull them aft through the boom.

An optional method is to run the snake through one of the holes in the front of the boom, aft, and out the slot in the bulkhead. A messenger line can then be drawn through the boom and tied off tightly. This is then repeated through the other hole, and the new ropes can be pulled through with less chance of twisting.



**IMPORTANT STEP**

Look into the boom cavity to ensure that the lines are not twisted. Twisted ropes will prevent the sail cover from fully retracting and can cause the ropes to disengage from the guides.



Next, feed the short rope ends at the aft end of the sail cover down through the aft guides.



Feed the aft end of the sail cover through the aft guides.



## LEISURE FURL™ BOOM SAIL COVER REPLACEMENT INSTRUCTIONS

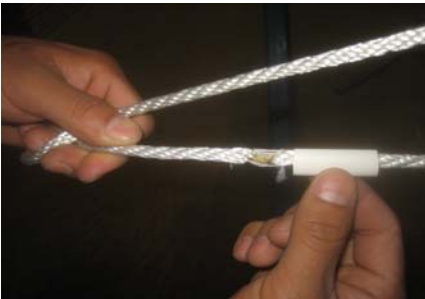


To connect the ends of the fore and aft ropes requires heat fusing, sewing and shrink wrap covering.

First slide a piece of shrink wrap onto the line. Next, the ends of the ropes are fused together by melting the ends of the ropes and pressing together. The hot knife is used to melt the connection as shown. Sew the joint to ensure strength, but keep in mind that this must pass through the sail cover grooves in the boom shell.



Sewing back and forth at four places around the joint will keep the joint from becoming too bulky.



slide the shrink wrap over the joint and use a heat gun to shrink the tube.



Again, a properly shrink wrapped joint will easily slide through the sail cover grooves and be flexible enough to turn the corners.



## LEISURE FURL™ BOOM SAIL COVER REPLACEMENT INSTRUCTIONS



Super Lube or similar product added at the sail cover guides and top corners of the boom shell is necessary to reduce friction and ensure smooth operation.



### **IMPORTANT STEP**

Encourage a pleat fold in the sail cover as shown. Fold and crease the sail cover over its length using hand pressure.



Once the new sail cover is installed, it will feel quite stiff and difficult to operate - this is typical. Deploying and retracting the cover several times will help the sail cover to break in. Further hand pressing of the pleat fold, and additional Super Lube may be necessary. After the new cover has broken in and is properly lubricated, it should operate smoothly and with minimal physical effort.