



The Original

Weaver Snap Davits

For Inflatable Boats MOUNTING INSTRUCTIONS

Weaver Industries highly recommends having a knowledgeable person in inflatable boat repair to glue the pads on for you.

Do not try to glue items onto your dinghy in the rain, on the dock or in very high humidity. Glue and water don't mix.

Step 1 - Determine where to locate the davit heads on the swim platform, beware of support brackets underneath.

Step 2 - Mark the inflatable where the davit heads will line up with the mounting pad on the dinghy. See figure #1. The pads should be placed as far apart on the dinghy as possible. The bottom of the pad goes at the top of the rub strip. The dinghy is inflated.

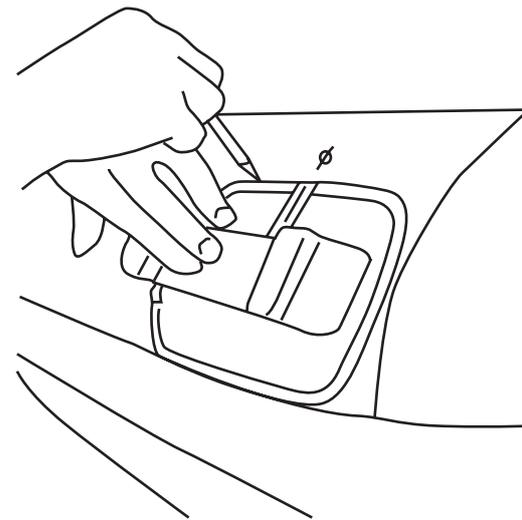
Step 3 - The inflatable must be wiped down with the proper cleaner prior to gluing on the rubber pads. Match the cleaner to the type of glue you will be using. Incompatible glue and cleaner will cause the pad to loosen.

Step 4 - Inflatables made from hypalon require a good two-part hypalon glue

Polymarine 2990 Hypalon Adhesive; Solvent based polychloroprene rubber adhesive giving high strength bonds when used in conjunction with 107 curing agent; particularly suitable for manufacture and repair of inflatable boats. **Please note - not for use on plasticised PVC - use Polymarine 3026 PVC Adhesive**

CAUTION: Do not glue the pads on in the sun, by the water, or in high humidity. Do not sand or grind the surface of a PVC boat.

Note: Not sure if your boat is **PVC** or **Hypalon**? Check our user guide on the website.



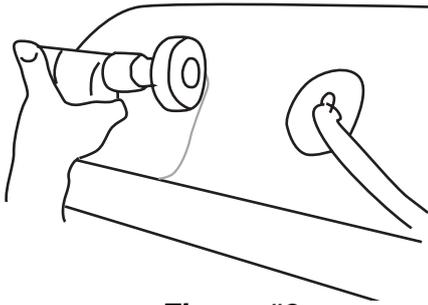


Figure #2

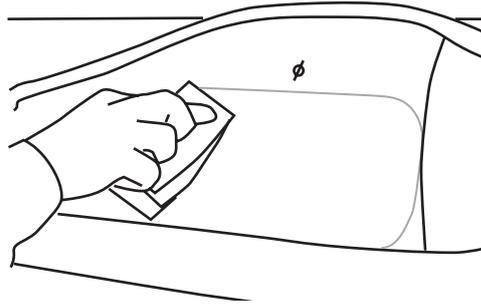


Figure #3

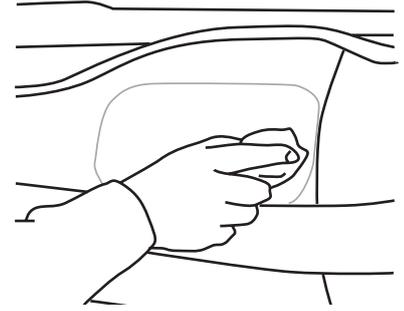


Figure #4

Step 5 - (ONLY FOR HYPALON BOATS) Once you have the proper glue you will need to sand the surface of the inflatable where the pads are to be glued. You can do this by using a sandpaper floppy disc you attach to a drill motor or by hand with 60 grit paper. Be very careful not to damage boat. The surface of the inflatable should now be cleaned with the proper cleaner to remove any trace of finger oils or dust. See figures #2, 3, and 4.

Step 6 - The pads have been ground at the factory and primed with one layer of glue, but be sure and recheck the surface before installing. See figure #5. Wipe down the pads to make sure both are clean! Your goal is to clean all finger oils from surface.

Step 7 - The next step is to cut the bristles short on a paint brush and stir the can of glue to get a good mixture. Mix up your glue with proper ratio of glue to catalyst. The small bottle of catalyst is proportioned to mix into the whole can of glue. Smaller amounts can be mixed according to directions.



Figure #5

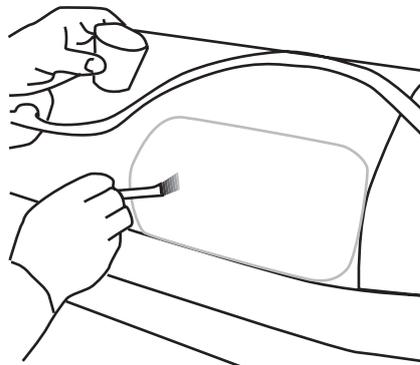


Figure #6



Figure #7

Step 8 - Paint both the pad and the area of the inflatable where the pad will be installed with a thin coating of glue. See Figure 6 and 7.

Step 9 - Leave until the surfaces are tacky to the touch (leave for 60 minutes). Next spread a second thin layer of glue on both pieces and leave until the surface is tacky to the touch.

(FOR PVC BOATS ONLY!) Use a hair dryer to warm the surface of the glue on the pad and dinghy. Once warm (not hot) to touch stick pad to dinghy and follow Step 10.

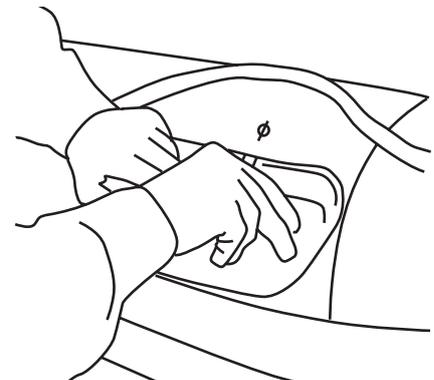


Figure #8

Step 10 - Attach the pad to the inflatable, see figure #8, and rub the air out from under the pad using a hard roller or rounded stick. See figure #9. You may want to deflate the boat to assure a better bond for the pad. It is critical to get all the air out from between the pad and the inflatable and the pad is sealed around the edges.



Figure #9

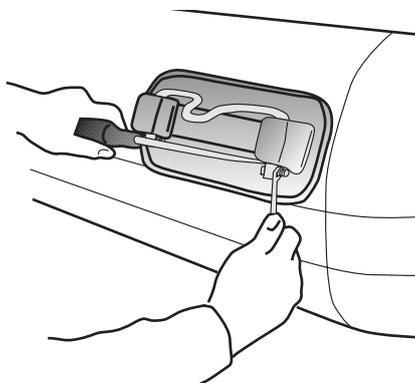


Figure #10



Figure #11

Step 11 - Once the air is out from under the pad, let the pad set-up for 48 hours. ****DO NOT TOUCH IT!****

After 48 hours attach the stainless steel yoke with the 3/4" long hex head bolts. A little grease on the bolt will keep the threads from galling. The glue will be 100% set in 7 days. See figure #10.

Step 12 - The same procedure is used to install the Stand-off pad. See figure #11.

Step 13 - The next step is to install the davit heads on the back of the yacht. First hold the davit head on the spot that lines up with the rubber pad on the inflatable.

****Note: tie a string to the heads, so you don't have to get a diver to retrieve one.****

Step 14 - Mark and drill the holes. Insert the 2" long bolts provided*** (or longer ones as necessary) through the holes and secure the davit head from under the swim platform with the nuts provided. It is important at this point that you attach the mounted davit head to your inflatable pad.

*****Note: In a Hollow Swim Platform use 'TOGGLES'**

Step 15 - in the swim platform. Drill the holes for the second davit head and insert the bolts and tighten nuts in the swim platform. Drill the holes for the second davit head and insert the bolts and tighten nuts provided.

Step 16 - You are now ready to pivot the dinghy to a vertical position to secure it to your boat. It is recommended that **The Original Weaver Stand-Off Arms** be installed. This simple method consists of a set of rubber pads which are glued in a similar manner as the davit pads to the inflatable. The Stand-Off Arms are then installed on the back of the yacht and are used for attaching to the clips on the inflatable.

Step 17 - The swivel end of the Stand-Off Arm is attached to the transom of the yacht. An extra set of clips are provided for attaching the Stand-Off Arms back to the transom when not in use.