

## **Outrage 18' Teak Gunnel Installation Instructions**

### **(Unfinished Version)**

1.) When installing the teak gunnels, be sure to align the front and back sections as straight and tight as possible in order to reduce the amount of sanding that you may need to do prior to applying the finish. You will also want to use some wood putty at the seam to achieve a better finish. This is in reference to the vertical strip of teak and not the larger gap where the black teak caulking goes (explained in last step). It's strongly recommended to use 3M 5200 marine adhesive sealant or a two part epoxy in between the fiberglass top surface of the boat and the bottom of the teak gunnel to achieve a strong bond (in addition to screws). Boston Whalers are foam filled and although there is wood embedded in some areas, you shouldn't rely on that being present in all areas and sometimes rott does occur.

2.) You will have received 24 #12 x 2" and 4 #10 x 1 1/4" stainless screws with finish washers. Once you've mocked both sections into final position, apply the 5200 or epoxy to the gunnels and the boat and clamp in place until the adhesive cures. If you aren't able to clamp it together, that's not a problem, but you will need to pre-drill the pilot holes into the top surface of the teak gunnel and into the top of the fiberglass boat surface prior to using any adhesive (see next step). This way, you will be able to fasten them into place before the adhesive cures.

3.) In regards to the placement of the screws, you will want to use a zig-zag pattern to achieve the best structural rigidity. You will be using 6 screws per front and back sections for a total of 12 screws on top of the gunnel. Lastly, there are 2 additional #10 x 1 1/4" screws per side (for vertical strip) that help fasten the front and back sections together. These holes are pre-drilled in the vertical strip only, so it is very important to drill a pilot hole into the side of the top board to avoid any splitting.

4.) Once your gunnels are fully installed and finished, you will need to fill the small gap on the top surface of each gunnel with Maritime Teak Deck Caulk which you can find at Jamestown Distributors or similar websites. As you may recall when you removed your old gunnels there was a black strip in between the front and back. Follow the instructions on the caulking product.

