



Sidemount and Through Hull Tube installation

1. **Marking the boat centerline:** Place masking tape on the deck along the longitude centerline of the boat and mark the centerline. This will help to align the bowsprit in next step. (see image 1)
2. **Finding the Mounting location:** Assemble the bowsprit and sidemounts with the shaft but without the G10 tube. Place the assembly on the top of the deck and align the side mounts with side of the hull. Mark the position of the center of the shaft. (see image 2)
3. **Determining the final sidemount location and through hull tube center point:**
 - a. **Non flared hull:** If the side of the hull does not flare directly below the marked center of the shaft, place some masking tape in the area where you want to mount the sidemount. Mark the position of the center of hole for the G10 fiberglass through hull tube. Proceed with installation of the tube per our manual.
 - b. **Flared hull:** When the hull is flared it is necessary to place the sidemounts in a location such that the distance between the outer surfaces of the black Delran bushings will be same as the inner width of the bowsprit. (327mm) (See image 4). (For example: if you move the side mounts lower or forward the distance will decrease and moving aft and up the distance will increase).

There are several ways to achieve this. A right angle tool can be used. On the horizontal part of the right angle, mark the **163.5mm** (*half of bowsprit inner distance*) point measured from the inner part of the vertical leg. (See image 3 -in red).

Place the right angle on the deck perpendicular to the boat longitude axis. With the sidemount on the side of the hull, have the inside of the vertical leg touch the Delran bushing surface (See images 4 & 5). Position it such that the **163.5mm extension from the centerline is achieved.**

When the position is achieved, mark the hull at the center point of the Delrin bushing. Now you can repeat on the other side or take the measurements and transfer to the opposite side.

4. **Through hull tube install:** Follow the instruction in our install manual. However, before glassing in the tube, temporarily place it in position and trim so that 5mm extends past the hull on each side.
5. **Install the side mounts:** Before glassing in the G10 tube, be sure that the sidemount position is correct by installing the shaft and bowsprit. When in position, mark the holes for the sidemounts. Glass in the tube, then install the mounts.



Side mount installation Procedure

Drill the Holes

Drill the 6 holes using a 5/16" or 8mm drill bit.

Note for cored hulls: The mounting holes should be reinforced with structural Epoxy surrounding the hole periphery area. Use large size washers and/or backing plates inside the hull (if needed).

Attach side mount/bowsprit assembly:

Position the sidemount on the bow. Insert the 6 bolts with washers under the bolt head. Be sure to seal the 6 bolts with the marine grade sealant or your preferred sealing method.

From inside, slide the large sized washers over the bolts and tighten the nuts. Remember that the bowsprit can be removed from the side mounts at any time.

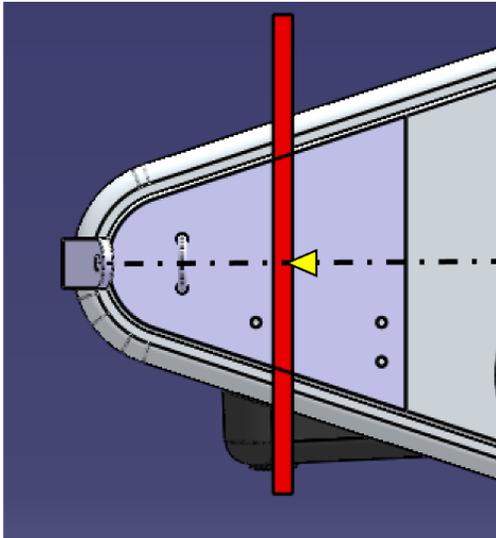


IMAGE 1



IMAGE 2

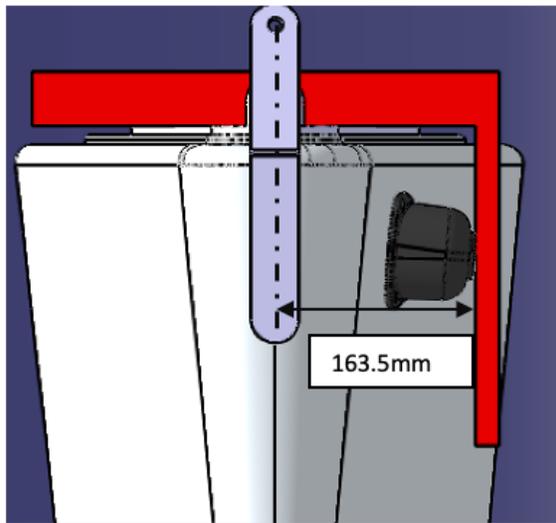


IMAGE 3

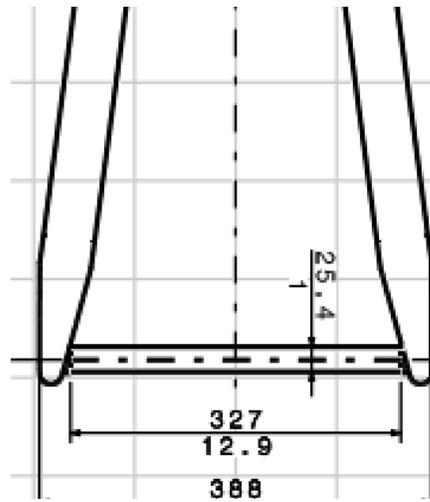


IMAGE 4

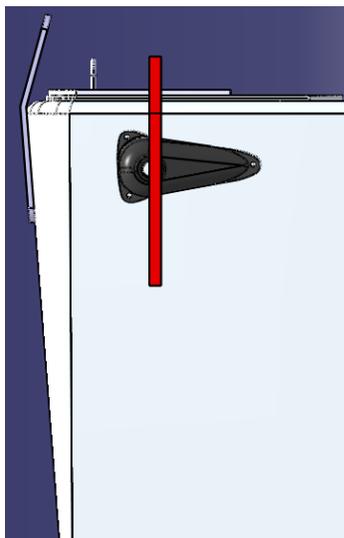


IMAGE 5