

Head / BASE addition – two hour project (+ epoxy cure time)

The day finally came on our C&C 27 - MkIII when our head would no longer function. It was decided to purchase a new one, and low and behold, the “new” head has four bolt holes and the previous had only three. Great! I was not about to drill new holes to accommodate the new head....so, a modification must be made.

I made a cardboard template of the pre-existing bolts and then laid the head on top and transferred the “new” head holes onto the cardboard. I found a ½” Teflon board (kind of like cutting board material without the little bumps) and cut to size from the template.

Then drilled the seven holes as seen in **Figure 1**.

The new bolt head holes are recessed and epoxied in place, **Figure 2**.

I used Sikaflex® as the bonder / sealant for the Teflon base, **Figure 3**.

I placed the base on the pre-existing bolts and added, Blue thread sealant to the bolts, **Figure 4**. All bolts have a washer, lock washer, nut and acorn nut installed.

Once again, used Sikaflex® on the head base, and seated the head onto the Teflon base and new bolts. Thread sealed the bolts and while tightening, I listened, in case the epoxy encasing the bolt heads cracked - no noise, relieved, **Figure 5**.

I am very happy with outcome and no new holes in the boat.

