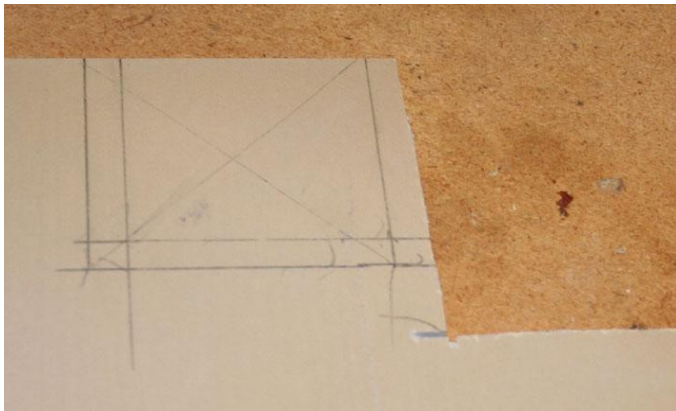


Adding a Winch to the Boom

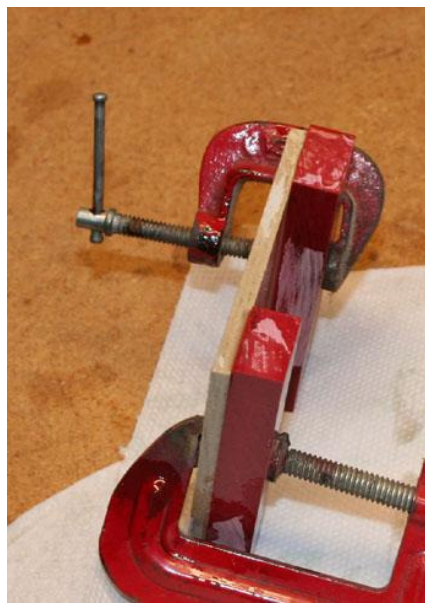
ADDING A WINCH TO THE BOOM

Reefing on Sea Dragon has always been harder than I wanted it to be... The first change was to modify the original reefing configuration to allow for easier access to the [reefing lines](#). This simplified the reefing process significantly. However, I still felt that it was too hard to reef the main on Sea Dragon... In this case, the problem was easy to address, a simple mechanical assist... And I had them all over the boat -- winches....

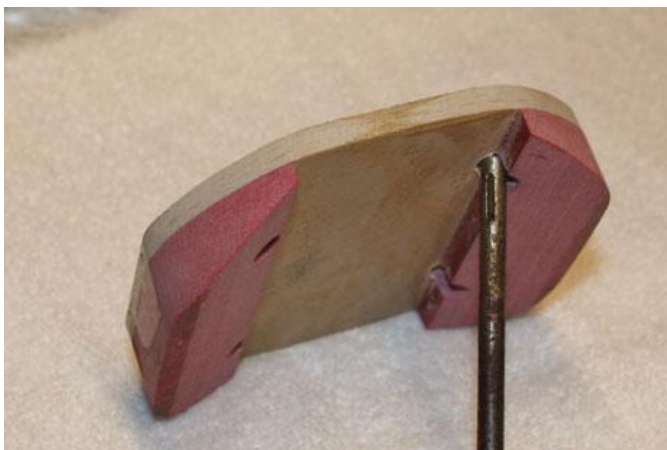
Like all boat projects, this was far more involved than originally envisioned. Not only was I faced with the task of locating the winch, I needed to come up with a way to mount a flat surface on to a curved surface... I considered making a base plate from teak but I did not want to worry with the up keep of more wood... Next came the idea of a stainless steel or plastic base.. But before I could sort out these ideas, I was cleaning the workshop and I came across several pieces of FRP board left over from other projects...



Perfect!!! I cut a base and two platforms for the base.. I cut the base was from the 1/4" piece and the two (2) platforms were cut from the 1/2" piece. This was easily done using a cut-off blade in a miter saw.



Next the three pieces were glued together using West System epoxy and clamps.



Next the base was shaped on a table mounted belt sander, drilled, and painted dark blue.

Now, off to the boat, four holes drilled and tapped in the boom; screws installed and the winch re-assembled; and I have the mechanical assist I wanted.



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