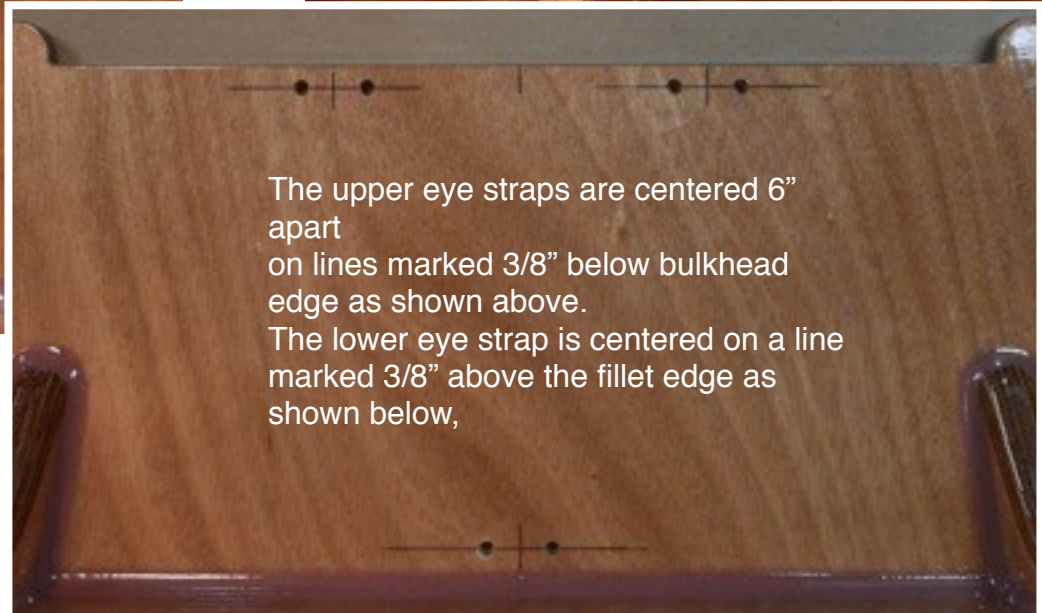
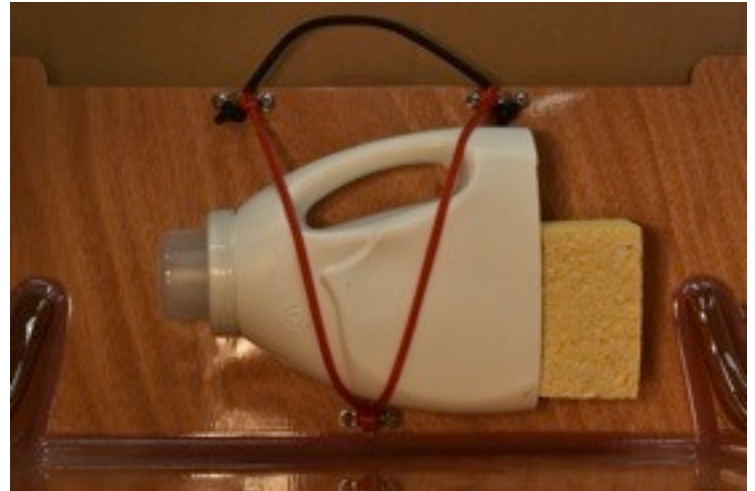
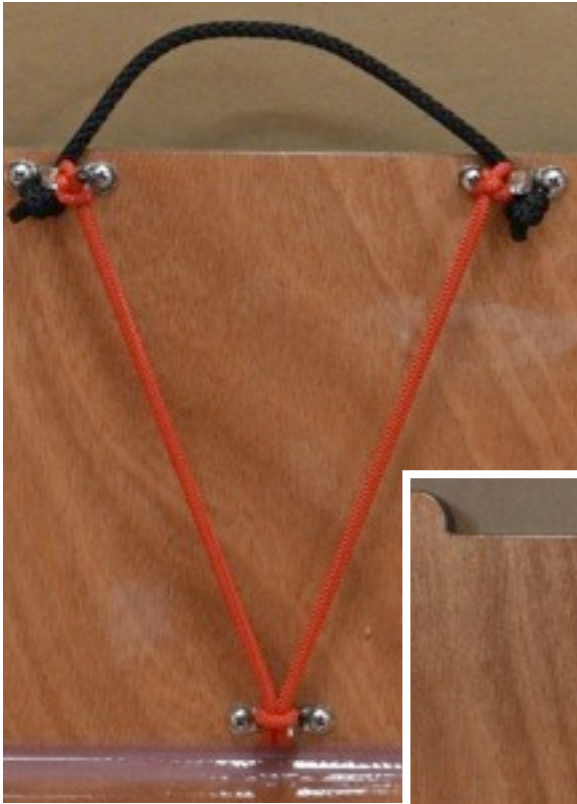


2019 update;  
A handle for the aft section of the  
PT 11 incorporated into a bailer  
slot.

**On our most recent boat we incorporated a lifting handle (for the after hull-half) with the bailer bungee tie points, using only 3 eye straps.** The eye straps we used are low-profile **Harken # 281**. The bulkhead is less than 1/2" thick, so we had to use tiny **3/8" # 8 screws** (these fit the eye straps). To make the installation strong and completely watertight, we drilled oversized holes, filled them with epoxy, and let the epoxy fully cure before drilling for the screws and installing the eye straps. **Stand the aft hull half on end** on the table (bulkhead down) and mark as shown in 3rd photo. **A centerline can be marked** (fine tip marker) by measuring between bulkhead edges and using the centerline scribe mark on bottom panel.



**The eye straps can be centered on the lines and holes marked with an awl as shown below.**

**A 1/4" brad point bit** can be used to start the holes (shown below and on right). This bit will center on the awl hole and cut cleanly.



**The holes can then be drilled to a depth of 3/8" with a normal 1/4" bit.**

**Mark the bit as shown and be very careful to avoid drilling deeper than the depth shown.**



The holes can be filled in cooling temperatures or by gently warming the bulkhead first. Use a bit of 404 filler, coat the walls of the holes with the tip of a big nail and then fill the holes (pinch the cup and pour). Let sit and then pop bubbles and add more with the nail until a slight mound of epoxy is above the bulkhead surface on each hole. The mounds can be removed the following day (photo below left) by gently warming and slicing them off a bit at a time with a wide sharp chisel. Hold the chisel flat and push sideways with thumb. Nicks in the chisel will cause scratches.



Mark a 1/8" drill bit at 3/8' as shown and drill all holes to that depth square to the surface. Using a fresh driver bit (or screwdriver) will insure that the screws are started square to the surface. Trial fit all screws and eye straps.

Re-mark the lines, make center marks, and use the awl to poke holes for the drill bit to follow.



Fill the holes with un-thickened epoxy and install screws and eye straps. Drive screws slowly to allow epoxy to spiral up around the threads to avoid hydraulic pressure damage. Clean-up with bits of paper towel and finish with paper towel & acetone.



We used 3/16" line for the handle, held with stopper knots (photo on right) and 3/16" shock chord (both photos) for the bailer holder.

Refer to previous page for bailer size suggestion (must fit with boat nested).

Bailer tether not shown. About 4' of 1/8" shock chord would work well.

