

HUNTER “LIBERTY” SAIL KIT INSTALLATION^{11/15/04}

1) Mount the mast foot pin to the raised mounting area below the front seat. When marking the holes, position the plate so the wider two holes are forward and the plate is centered in the mounting area. Mark and drill the four holes using a 3/16 drill bit. Apply sealant to each hole and use 4-#14 x 2” stainless screws provided. Some drills may not fit under the bench seat; therefore, the seat must be removed prior to drilling. When replacing the seat, be sure to use sealant on each screw hole. There is a vent hole on each side under the seat. Be sure to leave these open.



2) Mount one stainless eye strap for a mast hold down to the seat with the 2-#10 x 3/4” screws provided. Position the loop fore and aft approximately 1 1/2” to 2” to starboard of the mast hole.

3) Mount two stainless eye straps for the traveler about 1” forward of the aft corners of the top of the transom stern rail on both the port and the starboard sides. Use a 5/32” drill bit to make the holes and fasten with the 2-5/32” rivets provided. Be sure to use sealant in the holes.



4) Remove the nylon disc from the starboard side of the centerboard trunk. Remove the old sealant.

5) Flip the boat upside down on carpet or padding. With a sharp razor knife score around the indented centerboard area. * Be sure to score along the very outer edge * It will take several passes on each side. Work the lengthwise sides first, then tackle the ends. Be careful not to slip and cut yourself or cut the boat. Many passes with less pressure is better than pushing to hard and slipping. Once the piece is removed, you will see a piece of plywood about 1/2" thick (and possibly another thin piece of plywood depending on when your boat was manufactured). Stab the plywood with the razor and remove and discard (also the thin piece if it is present). Inspect the centerboard trunk and make sure that it is clear. There may be a piece of tape holding the centerboard pin bearing, which is supposed to be there. Dry fit the centerboard to insure proper clearance.



6) Use the Petroleum Jelly provided to grease the aluminum pin. Place the small rubber O-ring in the thin slot machined in the pin and grease it as well.

7) Roll the boat onto its port rail (make sure its padded).

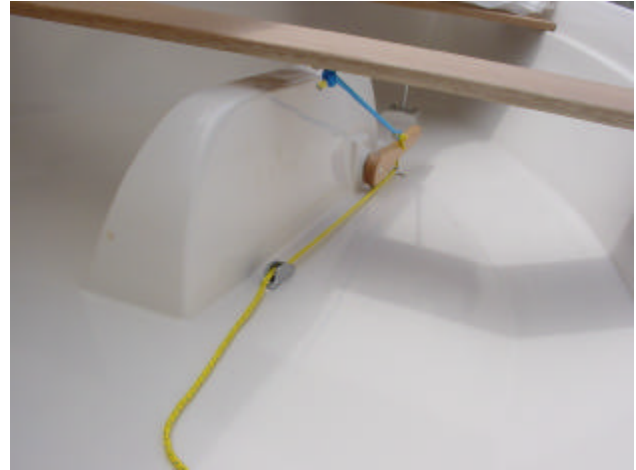
Have a helper push the centerboard into the centerboard trunk. Make sure the aluminum insert is facing the port side of the boat and push the end of the centerboard into the trunk and align it with the hole in the centerboard trunk. Keep the board out, as if it were down in the water.

Push the thick end of the aluminum pin through the centerboard and into the bushing on the port side of the centerboard trunk. This may take some adjusting of the centerboard to get it to fit. When aligning the hexes you want the hole in the pin to point parallel to the waterline of the Liberty (when the board is down).

Fit the new nylon bushing over the centerboard pin and into the trunk. Leave some space and add sealant around the mounting area. Test the centerboard to make sure that it rotates easily. Rotate the centerboard all the way in and roll the boat back on its keel.

8) Seal around the mounting area of the bushing. Push the bushing in the rest of the way and secure it with the new screws provided. Mount the handle onto the centerboard pin. Push the bolt through so that the nut is on the bottom side and tighten.

9) Mount the centerboard up-haul and downhaul (bungee) lines. Drill a 1/4" Hole fore to aft through the centerboard handle 6.5" up from the center of the pin. Mount the stainless steel eye strap on the floor, with the peel rivets provided, approximately where the hole in the handle would meet the floor. A centerline drawn through the mounting holes of the eye strap should be inline with the beam of the boat. Mount another stainless steel eye strap under the middle seat, inline with the handle, as far aft as possible.



Mount the clam cleat on the floor 3" forward of the aft end of the centerboard trunk, inline with the handle (approx. 1" from the centerboard trunk). Use the screws provided and DO NOT drill pilot holes for the screws.

To rig the centerboard control lines: Push the end of the blue bungee through the eye strap under the seat and tie a figure 8 knot. Run the braided line through the handle and tie an overhand knot (half hitch) on the forward side, such that the line cannot slide through the handle. Run the line through the eye strap (fore to aft) and continue it to the clam cleat mounted on the floor.



10) Mount the aluminum receiver bracket (with the open side up!) for the rudder gudgeon using the 4-#10 x 3/4" flat head tapping screws. Position it in the center of the transom block with the top aligned with the top 2 screws that hold the block to the boat. Drill pilot holes for the screws and mark and drill a clearance hole in the center for the thumbscrew. *Note: You may have the wooden transom block-the alignment is the same.*

11) Go sailing!