

Initial rigging of the Hunter 22

NOTE: Please read these instructions completely prior to starting to rig the boat.

It may be easier to first do some preliminary rigging with mast sitting on a pair of saw horses.

Check to make sure you have all of the necessary components to rig the boat on hand.

Start with attaching the spreaders to the spreader bracket roughly midway up the mast. They should be sweeping back towards the sail track on the aft side of mast.

Attach the upper shrouds to the mast as indicated on page 5.6 of the operator's manual. Thread the upper shrouds through the ends of the spreaders. Continue by attaching the lower shrouds to the mast. Secure all of the shrouds so that they do not become tangled when standing the rig.

Attach the pig tail to the receptacle towards the top of the mast as shown on page 5.7 of the operator's manual. Continue assembling the forestay as seen in the diagram of the same page. Be sure that the furling line is pulled out fully to make sure that when the jib sheet is pulled out the line can be wound onto the furling drum. Furl the jib fully and secure it in place with a small piece of line to make sure it doesn't unfurl while standing the rig.

Once the jib is secured, check the main halyard and topping lift lines to make sure they will be accessible once the mast is raised. Now you are ready to stand the mast.

Place the lower end of the mast back on the forward mast support on the trailer. Then place the top end of the mast in the aft mast carrier.

Remove the companion way pinboards and hatch cover.

Place yourself in the cockpit of the boat and find where you can lift the mast slightly and begin sliding it aft allowing it to slide it towards the back of the boat on the aft mast carrier until the bottom of the mast is lined up with the companion way hatch opening. Remove the mast step pin from the mast step, and remove the upper mast retaining pin from the top of the companion way just aft of the mast deck detail.

Mate the bottom of the mast onto the mast step, found inside the cabin, and insert the pin into the aft end of the mast step.

Remove the small line that is securing the shrouds and make sure that they stay untangled.

Move to the aft end of the cockpit and begin raising the mast. Raise the mast you're your head. Continue raising the mast as you move forward in the cockpit until it seats into the deck detail. Insert the upper mast retaining pin at the top of the companion way, just aft of the deck detail. (if there is a second person available, they can assist in the raising of the mast by pulling on the forestay and jib.)

Attach the furling drum to the stem head in the aft most hole as seen in the figure on page 5.7 of the operator's manual. (The forestay will be loose at this time.)

Make sure that the turn buckles are loosened and even. Attach the turnbuckles to the chainplates. The upper shroud gets attached to the aft end of the chainplate fitting. The lower is then attached to the forward end of the fitting. Leave the turnbuckles loose until both sides are attached to the chainplates.

Tune the upper shrouds to keep the mast straight port to starboard.

(**TIP:** you can use the main halyard as a measuring tool to ensure that the mast is not leaning to port or starboard) lower the halyard to reach a the top opening on the upper end of the turnbuckle, pull any slack line out of the halyard and cleat it off on the mast. Do the same to the other side and they look up the mast to ensure it is straight.

Continue tuning the upper shrouds an equal number to turns until there is approximately 2 inches of prebend in the mast. At the boom goose neck. You can check this by hanging something heavy from the main halyard and when it hangs 2 inches from the mast you have 2 inches of prebend. Recheck to make sure that the mast is still straight.

Tune the lower shrouds by hand tightening them. They only need to be snug. Too much tightening will result in removing the prebend.

Continue rigging the boom and lines according the illustrations and instructions found on pages 5.8 , 5.9. 5.10. & 5.11 of the operator's manual.