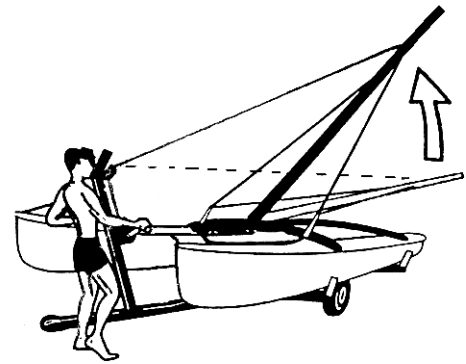


The most important consideration in using the MAST STEPPER II is proper initial installation. Follow the instructions carefully.

NOTE: The Mast Stepper II requires a mast stand that is minimum 30" taller than the boat's front cross bar.

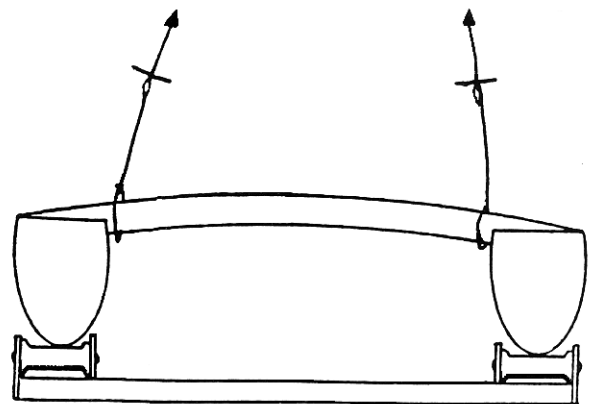


Installation

- A. Position the boat on the trailer in its normal "secured for trailering" position. Tie downs must be attached any time the mast stepper is going to be used.
- B. Install the tang provided at the uppermost end of your mast stand. Tang should be minimum 30" higher than the boat's front cross bar to work correctly. Shorter mast stands require #3152 Mast Stepper.
- C. Install block provided onto tang.
- D. Run your winch line through the block and tie the shackle provided to the end with a bowline knot.

Using the Mast Stepper

1. Place the mast in the stepping position and support in such a way that weight is not placed on the rear cross bar or tiller cross bar. Tie the mast "anti-swing" lines (2 - 5' lines) to one trap wire on each side of the mast, using a bow line knot through the thimble.
2. Bring the mast anti-swing lines to the outer edges of the front crossbar and tie leaving a little slack to allow mast to rotate to upright position (H-14 and 16 tie to pylon post).



3. Connect the forestay to the winch using the shackle provided. (H17: attach to end of one bridle wire) Be sure to have one shroud placed in the top hole of it's adjuster to allow enough slack in the rig to pin the forestay when the mast is stepped.
4. Hobie 17, 17 Sport and Miracle 20: Fold the carpet piece provided into a 8"x8" square and place it under the mast rotator arm and mast base casting to protect the front cross bar from damage while stepping. Tie the 3' line to the rotator arm (17 Sport to rear of mast base) then to the striker rod to force mast to remain at 90 degrees during stepping.
CAUTION: H-14,16 and 18 mast bases and step links must be in undamaged condition. A failed link may allow base of mast to swing forward with force during stepping operation!!
5. Crank on the winch. If the mast swings more than 3 feet (at the tip) in either direction stop and re-tie the anti-swing lines. Do not over-tighten as they will become more tight as the mast goes up. Be sure all wires are clear and do not catch on boat or trailer as the mast goes up.
6. Crank the winch until the mast is in the fully erect position.
7. Obviously the mast will topple if it is not held up during this next procedure so... once the mast is fully erect, Have someone hold a trapeze wire at either bow (or tie to bow tang) (or tie main halyard to bow tang / trailer) This will keep the mast up while the winch rope and forestay wire are disconnected and the bridle and forestay are attached to each other.

Mast removed

8. Tie trap wires per #1 and 2 with tension (they will become looser as the mast is lowered).
9. H-17 and H-20 : Attach 3' line to rotator arm (H-17 Sport: to end of base casting) and tie off to striker rod to force mast to 90 degree rotation for stepping. Place the 8" x 8" carpet pad onto cross bar under rotator arm next to mast.
10. Attach winch rope to forestay reversing procedure followed in #3 above.
Obviously the mast will topple if it is not held up during this procedure so...
...Have someone hold a trapeze wire at either bow (or tie to bow tang) (or tie main halyard to bow tang / trailer) This will keep the mast up while the winch rope and forestay wire are connected and the winch rope is tensioned.
11. Lower the mast with the winch. Support mast at rear of boat.

