

INSTALLATION INSTRUCTIONS

MAY, 1977

Mast Raising System for O'Day 25 (OPTIONAL ACCESSORY)

The O'Day 25 mast raising system is a simple mechanical operation utilizing the main boom, the boom topping lift, and the mainsheet for great mechanical advantage in raising the mast from over the bow.

We recommend you raise the mast while the boat is on the trailer, for a wake or wave could disrupt the balance of the system while raising the mast.

Prepare the mast as follows:

1. All shrouds to be attached to the mast with clevis pins and cotter pins.
2. Spreaders installed with upper shrouds installed; i.e., secured and taped at the outer ends of the spreaders.
3. All halyards in proper position, tie ends to their cleats.
4. Boom topping lift...wire and rope line that attaches at aft end of masthead assembly. (Fig. 1 - Rigging Instructions).

Attachment of mast and shrouds:

1. Mast must have sail slug groove up, laid on cabin top.
2. Remove both mast tabernacle pins.
3. Rest mast on bow pulpit or suitable support. Run mast forward until the two forward holes of tabernacle line up. Insert forward pin with cotter pins.
4. Loosen headstay and upper side-stay turnbuckles to 3/4 open and attach to respective chainplates.

Attachment of boom:

1. Take boom topping lift to base of mast. Measure one foot beyond the base. Mark or tape at that point. With 2 or 3 half hitches, tie boom topping lift onto the boom aft of the mainsheet block strap. CAUTION...be sure this is well tied, because this is the lifting line, and if the mast lets go, everything will come down thereby causing damage. (Fig. 2)

2. Be sure the two boom-guide lines (1/4" dacron lines, approximately 15' long) are securely fastened to the eye strap and near the end of the boom. (Fig. 2)

3. Raise the boom to its upright position and attach boom gooseneck to track or boom vang fitting (we have provided both types) near base of mast, making sure it is securely fastened. (Fig. 1)

4. Center boom (see diagram) in upright position with the two boom-guide lines. Guide lines attach to open hole in triangular plate just above the upper turnbuckles. Be sure the guide lines are snug. (Fig. 3)

5. The mainsheet is attached (see Rigging Instructions), but uses only two-part system.

6. Cockpit block should be on the centerline with stops secured on either side.

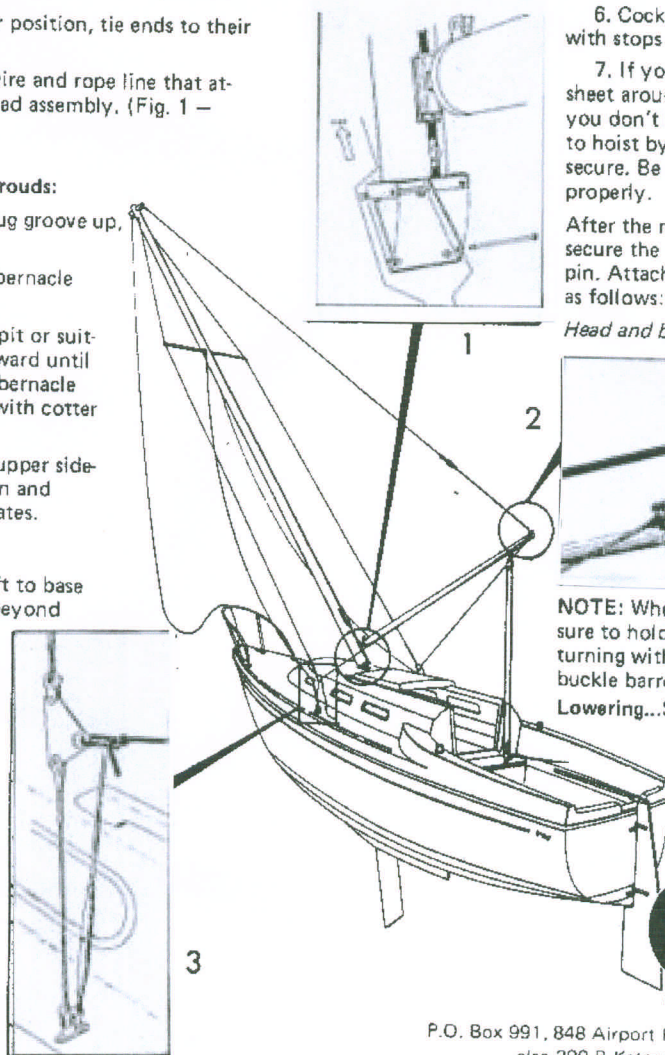
7. If you have a jib winch, run the mainsheet around it and proceed to crank up. If you don't have a jib winch, simply proceed to hoist by hand, using the cam cleat to secure. Be sure mast and boom are centered properly.

After the mast is in the vertical position secure the mainsheet. Insert aft tabernacle pin. Attach backstay. Attach lower shrouds as follows:

Head and backstay... 2 to 3 turns tighter than hand-tight; Upper side-stays... 1 to 2 turns tighter than hand-tight; Lower side-stays... turn to hand-tight.

NOTE: When adjusting any turnbuckle, be sure to hold upper threaded section from turning with pliers or wrench. Only the turnbuckle barrel itself should turn.

Lowering...Simply reverse above procedure.



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