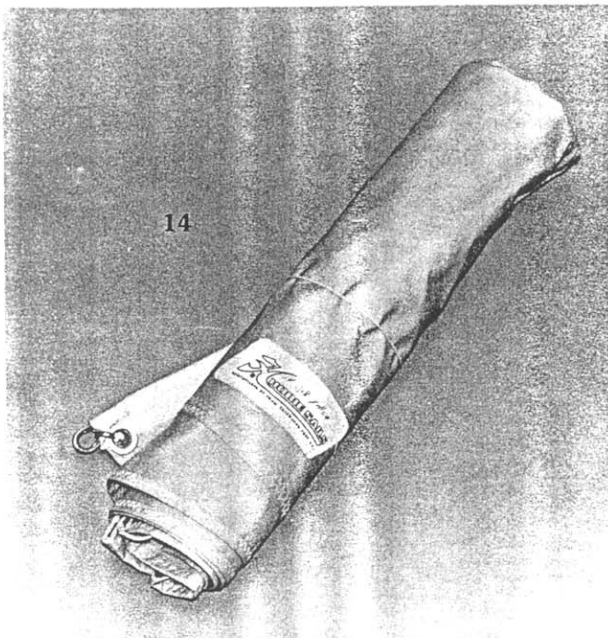
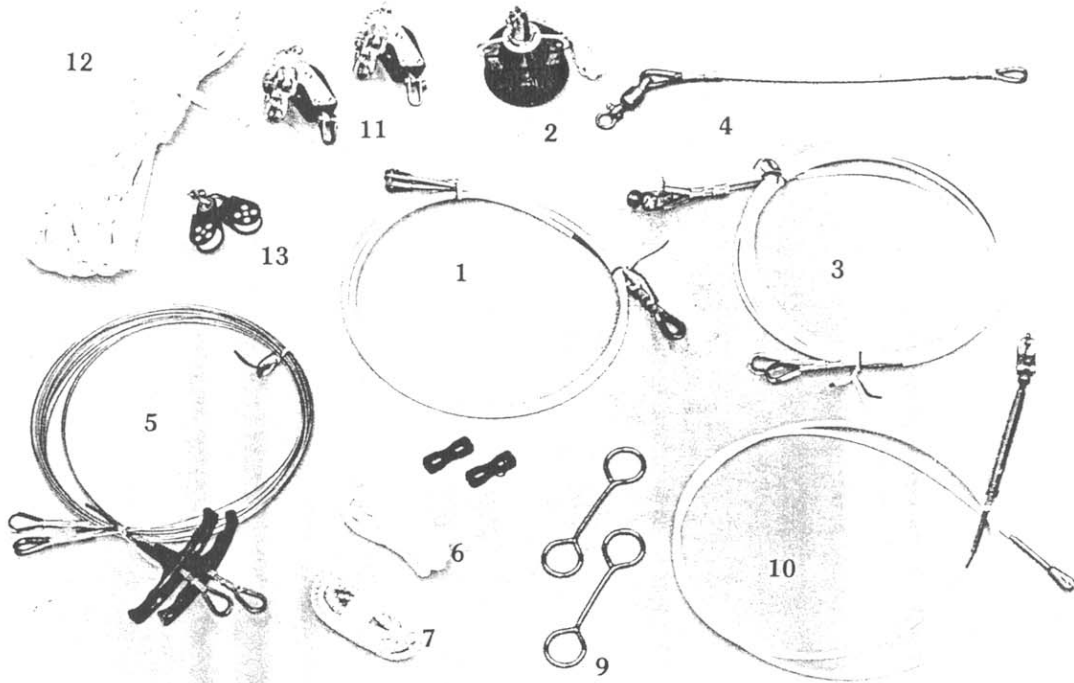


Hobie 14

**Turbo**™

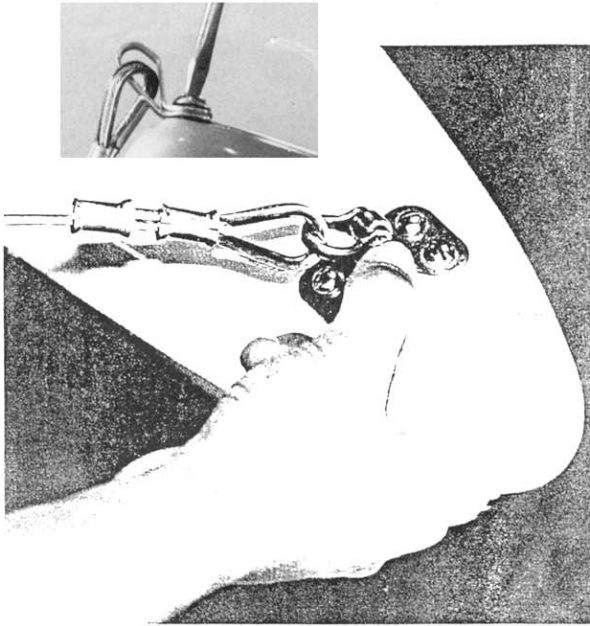


# Hobie 14 Installation Instructions

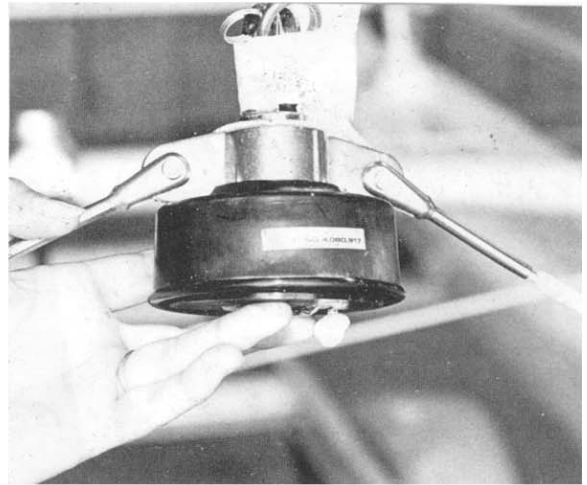


1. Bridle Wires
2. Jib Furling Assembly
3. Shroud Wires
4. Upper Forestay
5. Trapeze Wires
6. Trapeze Adjustment Lines
7. Trapeze Wire Shock Cord
8. Rope Locks
9. Dog Bones
10. Jib Block Support Wire
11. Jib Blocks
12. Jib Sheet
13. Jib Clew Blocks
14. Jib Sail

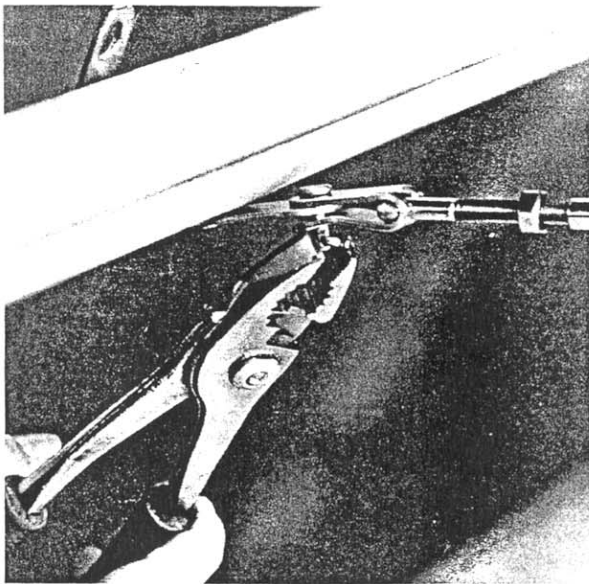
TOOLS NEEDED: Pliers only.



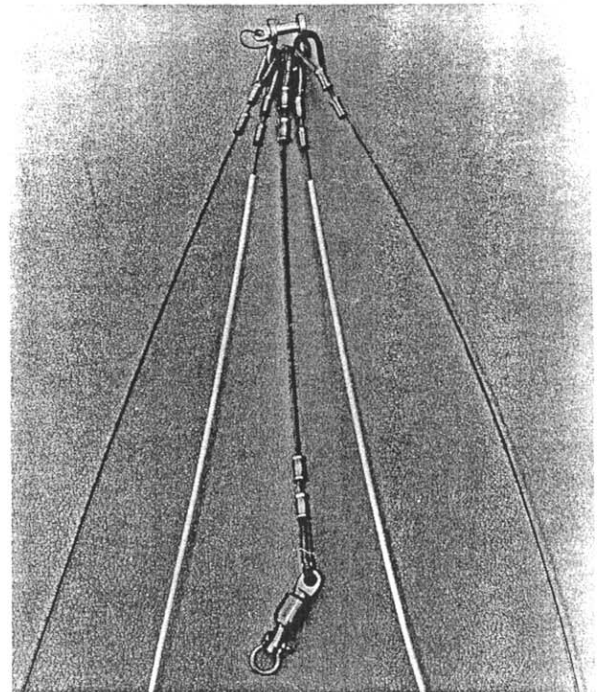
Attach the Bridle Wires to the shackles on the bow tangs.



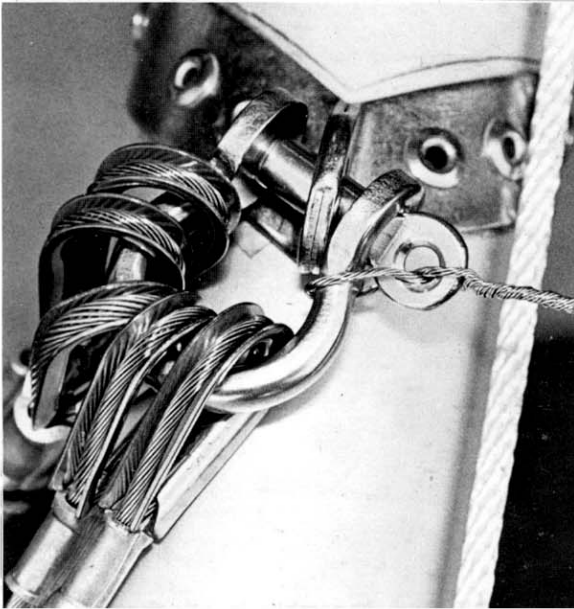
The Jib Furling Assembly is attached to the opposite ends of the bridles with the clevis pins and lock rings provided.



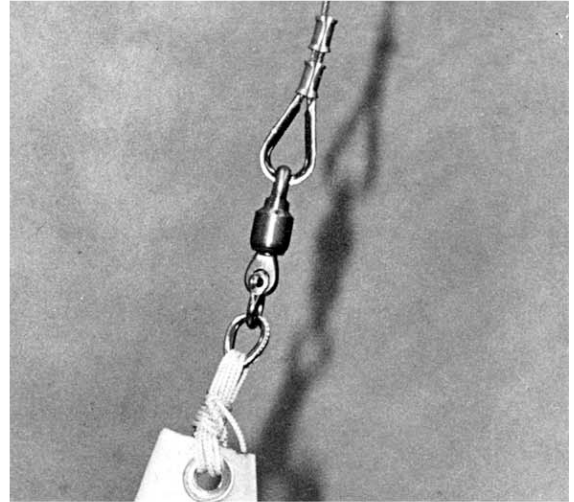
The Jib Block Support Wire is installed beneath the trampoline, attached to each chainplate with a clevis pin and a cotter pin. (In the photo, the trampoline is omitted for the sake of illustration.) Use pliers to bend the cotter pins all the way back. After the trampoline is installed and laced, adjust the turnbuckle until the wire is tight, but not to the point where it is pulling the sidebars inward. Tighten the turnbuckle lock nuts securely. It is also good practice to safety wire the turnbuckle barrel to prevent it from loosening.



The photo depicts the proper installation of the stays to the mast tang shackle. The short, Upper Forestay with attached swivel goes in the center, the coated Shroud Wires on either side, and the Trapeze Wires outermost. Make sure the trapeze handles are right side up.



Attach the shackle to the mast tang, and tighten the pin securely with pliers. Loop the safety wire around the shackle bow, then pass either end through the hole in the pin in opposite directions and twist the ends together.



Fasten the head of the Jib to the forestay swivel with the shackle provided. Enclosed is a sheet entitled "Instructions For H-16 Adjustable Luff Tension Jibs." Please refer to this, as the "TURBO TJ™" Jib adjusts in the same manner.

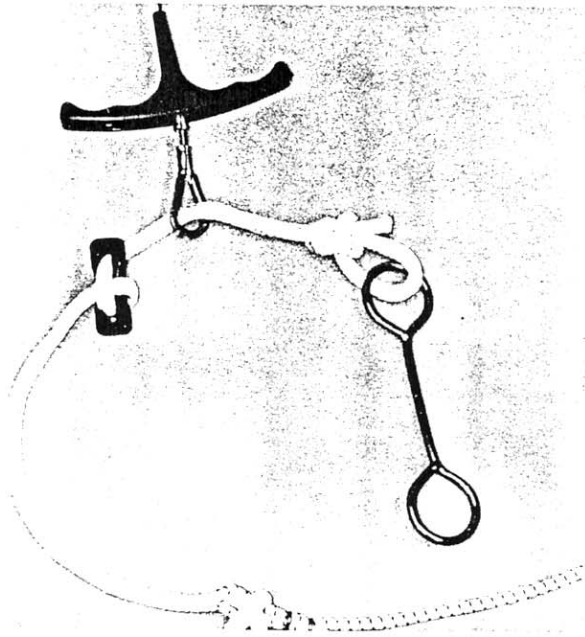


Before stepping the mast, check to see that the thimble at the jib tack will fit into the Jib Furler as shown in the photo. It may be necessary to widen the slot a small amount.

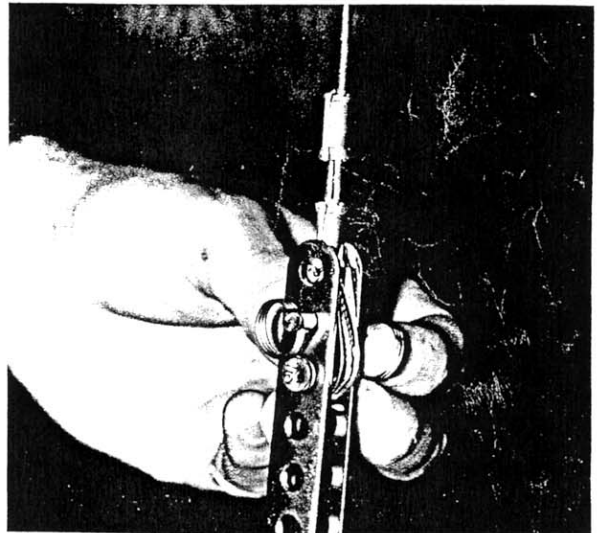
The "TURBO TJ™" package requires the use of a teflon disc mast step bearing (Hobie Cat® part number 1111-000). Make sure this is in before stepping the mast.

**DANGER:** Do not attempt to step the mast in an area where overhead power lines are present. A mast contacting a power line could be fatal! Once it has been determined that the rigging, launching, and sailing areas are free from power line hazards, attach the shrouds to the TOP holes in the shroud adjusters, and raise the mast in the normal fashion. In order to allow the correct sheeting action, the "TURBO TJ™" Jib has an integral, fixed length forestay that does not utilize a stay adjuster.

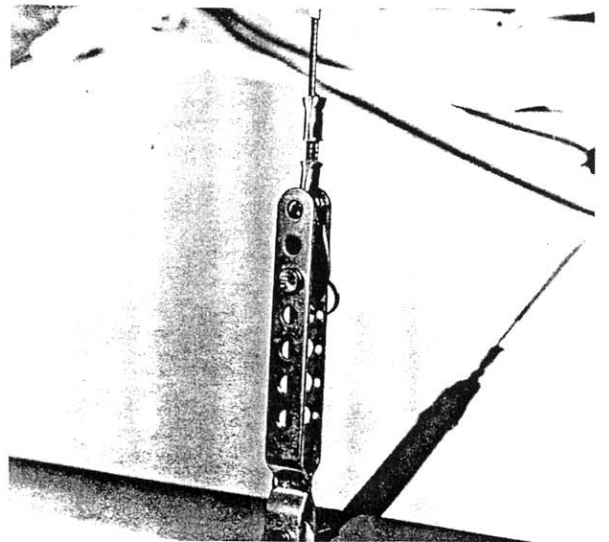




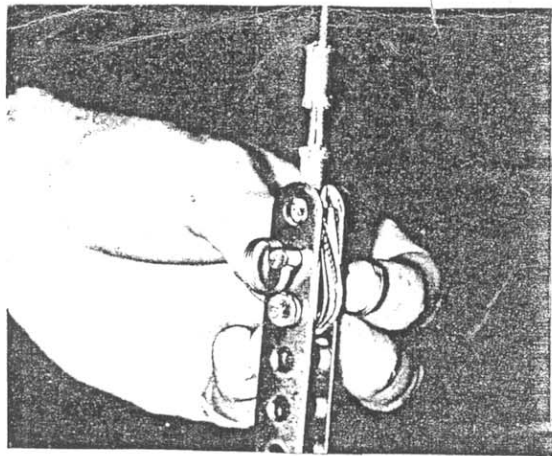
Assemble the Trapeze system components exactly as shown. Make sure that the rope lock is installed correctly — between the shock cord and the trapeze wire thimble. Pass the shock cord underneath the trampoline to the opposite side behind the chainplates.



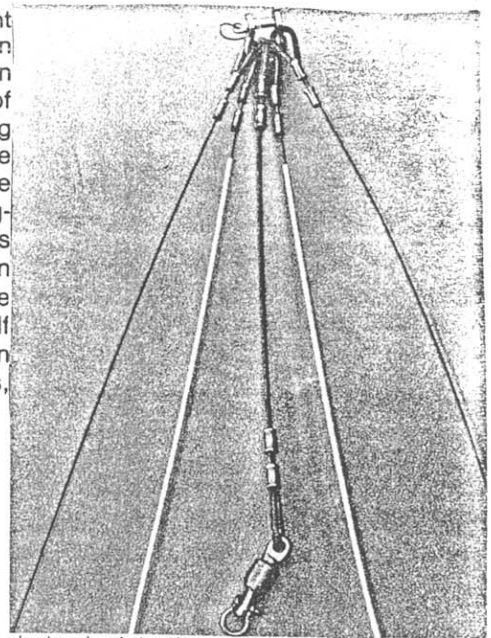
Once the mast has been stepped, it is necessary to tighten the rig by moving the shroud thimbles to a lower hole in the shroud adjusters. CAUTION: This should be done with extreme care, as a falling mast can inflict severe injuries. Never disconnect any stay unless someone is holding the mast. Please refer to the photos and try it our way first.



The rig can be tightened safely by only one person. Simply pull down on the trapeze handle until there is enough slack in the shroud to insert an extra clevis pin (Hobie Cat® part number 0802-038) in the next lower hole in the adjuster, capturing the shroud wire thimble. Make sure that the pin is properly secured before removing the first. Repeat this process, alternating port and starboard, until the wires are just snug. Avoid overtightening the stays, as this will prevent correct mast rotation. Ball-lock pins may be used as an aid to stepping and adjusting rig tension, but they should never be used to hold stays while sailing.

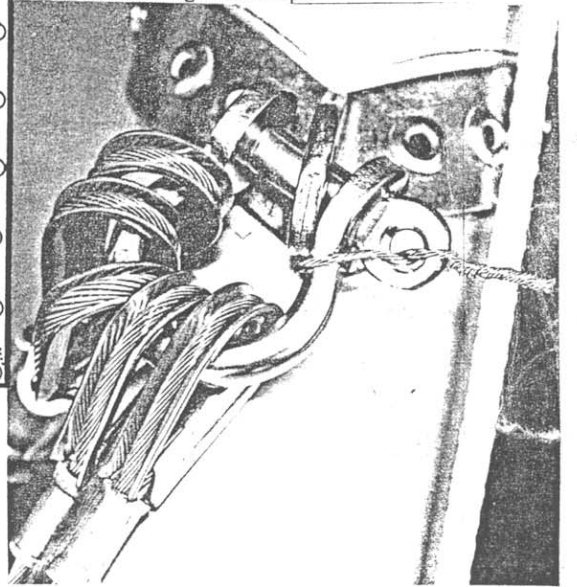
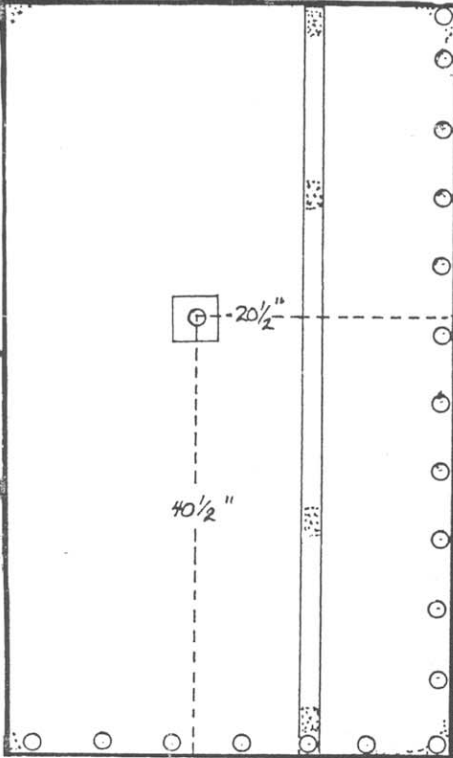
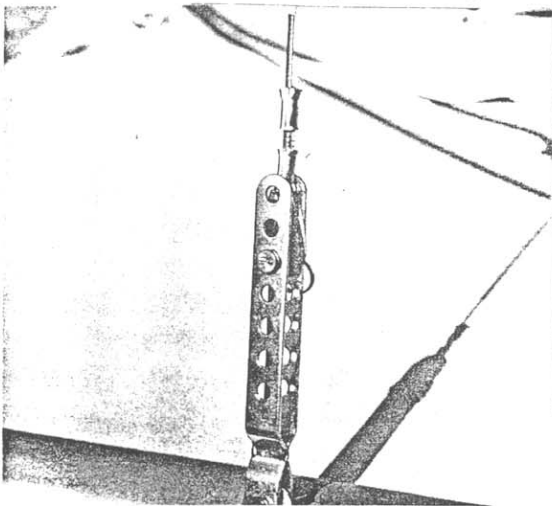


The #7 Spur Grommets and Reinforcement Patches must be installed on the trampoline in the correct location for proper sheeting action on the jib. Measure forward from the aft edge of the trampoline half 40 1/2" (disregard the lacing strip in the rear crossbar), and outboard from the inside edge of the trampoline half 20 1/2". See the sketch. This is easiest to do using the string-and-pencil method. Two reinforcement patches are required at each grommet location, both on the underside. Factory installed patches are ultrasonically welded, but sewing will suffice. If necessary, this and the grommet installation can be done by many sailmakers, canvas shops, and upholsterers.



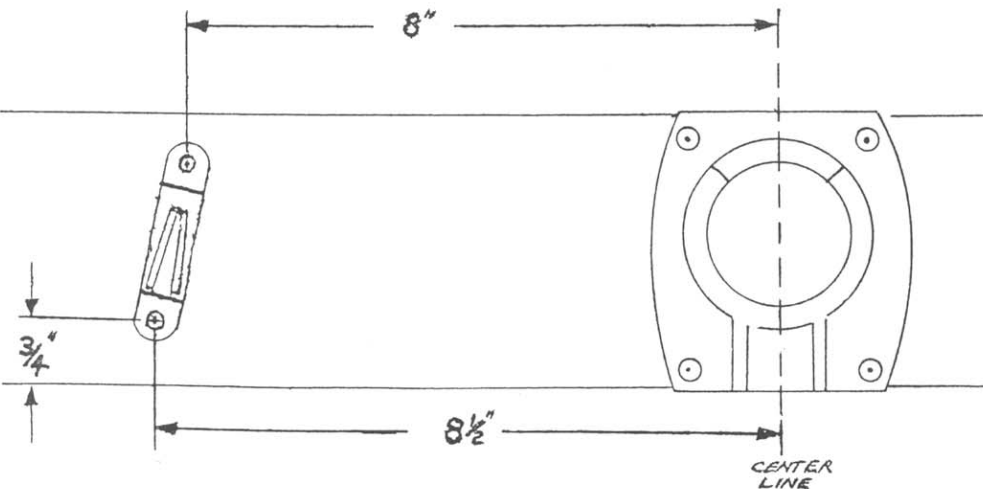
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The V-jam Cleat should be installed on the front crossbar to the left (port) of the mast step. See the sketch below for locating dimensions.

Note: make sure the open end of the cleat points aft.



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