

#13070100 - COMPTIP™ RETROFIT INSTRUCTIONS

HOBIE 14, 16, 18 AND HR14

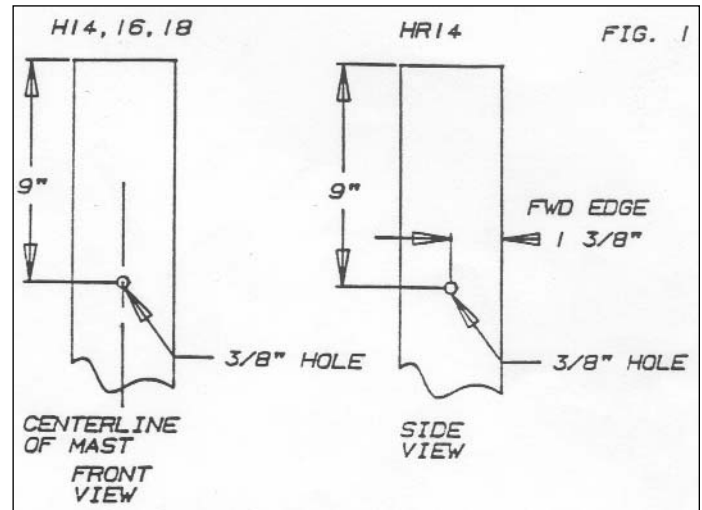
1) REMOVE MAST TANG OR TANGS (HR14) BY DRILLING OFF RIVET HEADS W/ A 13/64" (4 MM) DRILL BIT AND PUNCHING RIVET CASINGS AND CAPS THROUGH.

2) MEASURE FROM THE BOTTOM OF THE MAST EXTRUSION (NOT INCLUDING MAST BASE). **NOTE: CUT SHOULD BE ABOVE TANG RIVET HOLES!**

CUT LENGTHS ARE:

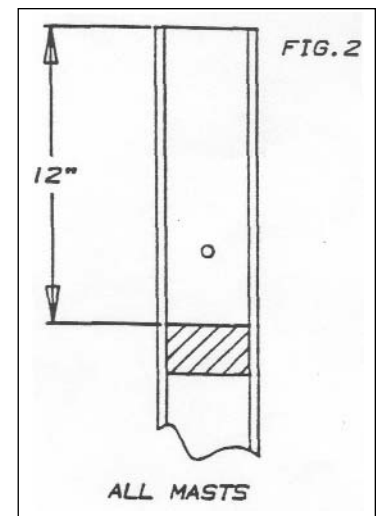
H14	15'	1 1/8"
H16	18'	3 3/4"
H18	20'	5 3/8"
HR14	14'	4 3/8"

MARK AND CUT OFF MAST SQUARE AT THE APPROPRIATE LENGTH. (HINT: WRAP A SHEET OF PAPER AROUND THE MAST AND LINE UP EDGES TO MAKE A PERFECTLY SQUARE MARK ALL AROUND THE MAST. TAPE IN PLACE AT THE CUT POINT. PENCIL A THICK LINE ALL AROUND THE MAST FOLLOWING THE PAPER'S EDGE. WITH A HACK SAW, START CUTTING ON THE LINE AND ROLL THE MAST OVER AS YOU CUT. CUT A "TRENCH" ALL AROUND THE MAST BEFORE CUTTING THROUGH WHILE ROLLING THE MAST SLOWLY OVER. (STARTING A CUT AND CONTINUING STRAIGHT THROUGH MAY NOT CUT STRAIGHT.)



3) DRILL A 3/8" DIA. HOLE, 9" DOWN FROM CUT (ON THE FRONT) AS SHOWN (FIG. 1).

4) INSERT ETHAFOAM PLUG TO A DEPTH OF 12" (FIG. 2). THIS PLUG MAY BE GLUED IN PLACE WITH PLENTY OF 3M 5200 OR SIKAFLEX IF DESIRED. OTHERWISE USE FOAM INJECTION AS DESCRIBED BELOW. IF GLUED IN PLACE, THE PLUG MUST CURE FOR 24 HOURS BEFORE CONTINUING INSTALLATION.



5) FILE COMPTIP™ FOR A SNUG FIT INSIDE EXTRUSION. CHECK THAT TIP WILL FULLY INSERT.

6) PLACE LOWER MAST ON SAW HORSES OR LARGE TABLE WITH MAST BASE AGAINST SOLID PADDED OBJECT (THAT YOU CAN BE BANG MAST BASE AGAINST). GLUED ASSEMBLY WILL HAVE TO BE HELD LEVEL AND SQUARE WHILE CURING, PREPARE ADDITIONAL SAW HORSE IF NECESSARY.

7) MASK OFF EXTRUSION AND LUFF TRACK OPENINGS AS WELL AS COMPTIP™. SPREAD EPOXY OR POLYESTER PUTTY INSIDE OF EXTRUSION AT CUT END TO A DEPTH OF 6". SPREAD MATERIAL OUTSIDE ON COMPTIP™ JOINT.

8) INSERT COMPTIP™. HOLD TIP WHILE INSERTING. PUSH INTO EXTRUSION WITH MAST BASE AGAINST SOLID OBJECT. AS TIP GETS TIGHTER, PULL ENTIRE ASSEMBLY BACK AWAY FROM THE SOLID OBJECT, THEN SHOVE BACK AGAINST IT (IN A BATTERING RAM MOTION). REPEAT UNTIL TIP IS FULLY INSERTED. BRACE ASSEMBLY IN A POSITION TO HOLD MAST AND TIP SQUARE ON ALL AXIS AS EPOXY CURES.

9) *H-16 NOTE: IF TANG IS AN OLD STYLE OR IS DAMAGED REPLACE IT. CURRENT TANG HAS 3 HOLES FOR STAYS AND TRAPEZE WIRE ATTACHMENT.* USING EXISTING HOLES IN EXTRUSION, DRILL COMPTIP™ FOR TANG RIVET AND SLEEVES WITH A 13/64" (4 MM) DRILL BIT AND REINSTALL MAST TANG WITH RIVETS AND RIVET CAPS.

INTERNAL SEALING PLUG:

10) TAPE OFF AREA AROUND 3/8" HOLE TO REDUCE CLEANUP AFTER FOAM INSTALLATION.

11) TILT MAST FOR FOAMING, HEAD DOWN, AS SHOWN. (FIG. 3)

12) (READ FOAM INSTRUCTIONS PRIOR TO USE) INJECT A/B URETHANE FOAM INTO 3/8" HOLE" (APPROX. 3 SECOND SQUIRT) PLUG HOLE WHILE FOAM EXPANDS. FOR BEST RESULTS, FOAM AND MAST SHOULD BE ABOVE: 70° F.

13) AFTER FOAM HAS CURED FOR AN HOUR OR MORE, CLEANUP UP EXCESS WITH A SINGLE EDGE RAZOR BLADE AND INSTALL 3/8" PLUG INTO 3/8" HOLE.

