

SABRE YACHTS
BOWSPRIT KIT
INSTALLATION INSTRUCTIONS

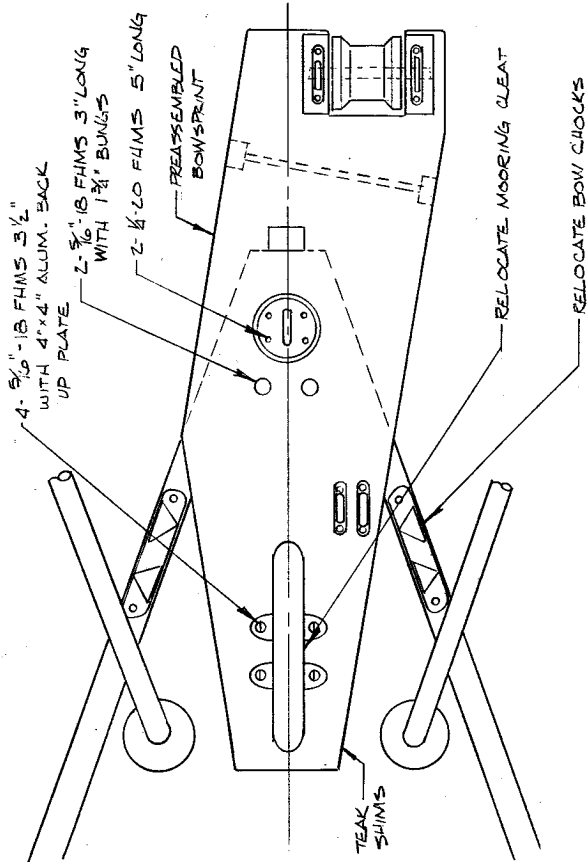
NOTE: Read these instructions carefully before starting work. This installation may prove to be more difficult than it at first appears. Therefore, we recommend that it be done by experienced marine service personnel.

This kit includes:

1. Teak bowsprit assembled with:
 - a) Roller, shaft, and blocks
 - b) Tie rod with bungs
 - c) Tack shackle pad eye with two fasteners
 - d) Four anchor tie down pad eyes with fasteners
2. Teak shims
3. 2 - $\frac{1}{4}$ " - 20 FHMS 5" long with flat washers and lock nuts for tack shackle pad eye thru bolts
4. 2 - 5/16" - 18 RHMS 3" long with flat washers and lock nuts, 2 - 3/4" bungs for bowsprit (behind tack shackle pad eye)
5. 1 - 4" x 4" aluminum backup plate for mooring cleat
6. 4 - 5/16" FHMS 3 $\frac{1}{2}$ " long with flat washers and lock nuts for mooring cleat

INSTRUCTIONS:

1. Remove bow chocks, bow casting and bow mooring cleat.
2. Position teak bowsprit as shown on drawing.
3. Mark and notch chainplate hole in teak bowsprit, if required, to move the sprit forward to match the toerails.
4. Mark and cut toerails at intersection of bowsprit.
5. Insert teak shims under aft end to level the sprit over the rubrail, mark and trim shims.
6. Reposition sprit in final location. Drill and thru bolt the forward $\frac{1}{4}$ " bolts in the tack shackle pad eye base.
7. Locate mooring cleat on the aft end of sprit. Drill and thru bolt.
8. Lift sprit, caulk under, and fasten permanently.
9. Drill and thru bolt 5/16" forward bolts just aft of the tack shackle pad eye. Bung holes.
10. Relocate the chocks on toerail to provide fair lead to cleats. Thru bolt.



Sabre

ALL MODELS
BOWSPRIT KIT DIAGRAM

SCALE
3" = 1'-0"

DATE
9 MAY 86

BY
TIL

APPVD.

DWG. NO.