

1) IT IS RECOMMENDED THIS REPAIR BE MADE WITH THE BOAT OUT OF THE WATER, PROPERLY SUPPORTED WITH APPROX 70% OF THE TOTAL BOAT WEIGHT ON THE KEEL.

First Hull Number Without Wood

Available dates are ambiguous and are therefore omitted
 Contrary to the "Pre 1988" note below, some models were not changed until well after the end of the 1987 model year
 C-22 Unknown
 C-25 Unknown
 C-27 #6571
 C-30 #5397
 C-34 #772
 C-36 #883

CUT AWAY GLASS OVER WOOD AT THE PERIMETER OF THE HORIZONTAL SURFACE.

TOP VIEW

KEEL STUB WITH WOOD CORE REMOVED

EXISTING KEEL STUB WITH PLYWOOD OR HARDWOOD CORE

SECTION VIEW

KEEL CASTING

2) REMOVE THE NUTS AND WASHERS FROM THE KEEL BOLTS
 3) CUT AWAY THE LAYER OF GLASS COVERING THE WOOD, BY MAKING A CUT AT THE PERIMETER OF THE HORIZONTAL KEEL SUMP SURFACE, APPROX 1/8" DEEP

4) CHISEL OR PEEL THE GLASS FROM THE WOOD, CHISEL OUT THE WOOD BELOW DOWN TO THE FIBER & GLASS, BENEATH. CLEAN AWAY LOOSE MATERIAL AND SAND SURFACE

5) MASK EXPOSED THREADS OF KEEL BOLTS
 6) LAMINATE (3) LAYERS OF 1.5 OZ MAT AND 24 OZ. ROVING ALTERNATELY LAPPING UP ONTO KEEL STUB SIDES APPROX 6"

7) AFTER LAMINATE IS CURED REMOVE TAPE FROM BOLT THREADS.

8) PAINT OUT KEEL SUMP WITH WHITE GEL COAT

9) INSTALL WASHERS AND NUTS.

10) TORQUE BOLTS PER SCHEDULE.

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SCALE: 1:1
 DATE: 2.10.96

APPROVED BY:

DRAWN BY
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TITLE:
 KEEL STUB WOOD REMOVAL PROCEDURE

BOAT:
 TYPICAL PRE-1988 MODELS

DRAWING NUMBER
 - 0