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SLICKBAR Mk 7 AND Mk 10 OIL BOOM REPAIR INSTRUCTIONS

TOOLS AND EQUIPMENT NEEDED FOR COMPLETE REPAIR KIT:

- | | |
|----------------------------------|--|
| (2) 7/16" WRENCHES | AS REQUIRED: |
| (1) 3/8" PUNCH | - RAGS OR PAPER TOWELS |
| (1) FABRIC SHEARS OR RAZOR KNIFE | - MEK, KEROSENE OR |
| (1) HAND DRILL, 1/4" & 3/8" BITS | MINERAL SPIRITS SOLVENT |
| (1) BALL PEEN HAMMER | - CLAMPS |
| (1) HACKSAW BLADE | - A.R. BOARDS or PLYWOOD |
| (1) 3/8 WRENCH | - HH-66 ADHESIVE (supplied with
Part B of Repair Kit) |

PART A - FLOAT REPLACEMENT (see figure 1)

WHEN REPLACING A FLOAT, USE THE BOLTS AND NUTS SUPPLIED. TWO 7/16" WRENCHES AND A HACKSAW BLADE TO CUT RIVETS (if used at factory assembly) ARE TOOLS NECESSARY TO REPLACE FLOATS.

PART B - PATCHING SKIRT MATERIAL

MATERIALS REQUIRED: SHEARS OR RAZOR KNIFE, RAGS, ADHESIVE, SOLVENT AND CLAMPS.

IF THE BOOM'S SKIRT FABRIC IS CONTAMINATED WITH OIL, CLEAN BOTH SIDES WITH MEK OR KEROSENE WELL BEYOND THE TEAR AND WIPE EXCESS OFF USING CLEAN RAGS OR PAPER TOWELS. USE SHEARS OR KNIFE TO CUT A PATCH FROM SKIRT FABRIC SUPPLIED IN PART B OF THE REPAIR KIT. THIS PATCH SHOULD BE 6" LARGER THAN THE EFFECTED AREA ON ALL SIDES OF THE HOLE OR TEAR. (see figure 1)



FIGURE 1

PART B - CONTINUED

USE THE PAINT BRUSH (supplied in part B of repair kit) TO APPLY (1) COAT OF ADHESIVE TO BOTH THE PATCH AND SKIRT FABRIC AND LET THEM DRY TO TOUCH. APPLY A SECOND COAT AND LET DRY UNTIL "TACKY", THEN POSITION THE PATCH OVER THE TEAR OR HOLE SO THAT ADHESIVE SIDES ARE FACING EACH OTHER. PLACE THE FABRIC ON A BOARD OR FLAT SURFACE AND USE THE ROLLER (supplied in part B of repair kit) TO INSURE GOOD CONTACT OF PATCH TO SKIRT FABRIC.

FOLLOW THE SAME PROCEDURE ON THE OTHER SIDE OF SKIRT.

PLACE PATCH BETWEEN PLYWOOD BOARDS AND CLAMP TOGETHER OR PLACE ON FLAT SURFACE UNDER WEIGHTED BOARD IF POSSIBLE AND LET PATCH AREA CURE FOR 24 HOURS BEFORE PUTTING BOOM BACK INTO WATER.

PART C - BALLAST REPLACEMENT

IF THE AREA TO BE PATCHED CONTAINS LEAD WEIGHTS, REMOVE THEM BY DRILLING OUT THE CENTERS USING A 3/8" DRILL. NEXT REFER TO PART B, PARAGRAPHS 1 AND 2 ON PATCH AND SKIRT PREPARATION. AFTER ADHESIVE HAS CURED, PUNCH OUT NEW LEAD WEIGHT HOLES IN FABRIC. REPLACE ANY MISSING WEIGHTS AND INSTALL NEW WEIGHTS AND FASTEN TOGETHER BY FLATTENING END OF STEMMED LEAD WITH BALL PEEN HAMMER.

PART D - END CONNECTOR REPAIR OR SPLICING AROUND MAJOR DAMAGE

THE FOLLOWING PROCEDURES ARE TO BE FOLLOWED IF AN END CONNECTOR GETS TORN OFF A BOOM OR IF CENTRAL PORTIONS OF A BOOM GET CUT OR SO DAMAGED THAT PATCHING WILL NOT BE STRONG ENOUGH (more than 50% of horizontal fibers are cut). THE BOOM FABRIC MUST BE CUT ADJACENT TO THE FLOATS NEXT TO THE DAMAGED AREA AND NEW END CONNECTORS MUST BE INSTALLED (see figure 2).



FIGURE 2

CUT BOOM FABRIC 9 1/4" FROM END OF FLOAT. CLEAN SKIRT WITH SOLVENT. THEN CLEAN SKIRT AGAIN. APPLY ADHESIVE TO ONE SIDE OF FABRIC (the "rip stop" side for booms purchased after 1993) AND TO DOWEL AS PER INSTRUCTION IN PART B (See Figure 3).

PART D - CONTINUED

FOLD BOOM FABRIC BACK AROUND DOWEL (rip stop on inside) AND, USING ROLLER, APPLY PRESSURE TO THE 3 INCHES WHICH OVERLAP. TO INSURE ADHESION, TAKE (2) PIECES OF WOOD 3" WIDE AND AS LONG AS THE OVERALL HEIGHT OF THE BOOM. PLACE ON BOTH SIDES OF 3" OVERLAPPED FABRIC AND CLAMP ASSEMBLY TOGETHER JUST BELOW THE RIP STOP, AND LET ADHESIVE CURE FOR 24 HOURS (see figures 4A & 4B).



FIGURE 3

INSTALL (1) END CONNECTOR ON EACH CUT END (slide it over the fabric/dowel assembly). BE SURE CONNECTORS ARE INSTALLED WITH THE HOOK "LEFT HAND" LOOKING DOWN FROM TOP (See figure 4C). DRILL AND FASTEN WITH WITH STAINLESS STEEL NUTS AND BOLTS PROVIDED.



FIGURE 4A



FIGURE 4B



FIGURE 4C

SPECIAL NOTES:

- ***DO NOT SMOKE OR HAVE LIGHTED FLAME IN THE AREA WHEN USING ADHESIVE***
- ***PROVIDE ADEQUATE VENTILATION.***
- ***SHAKE OR STIR ADHESIVE WELL BEFORE EACH USE.***

DIRECTIONS FOR USE OF HH-66 ADHESIVE

1. THOROUGHLY CLEAN SURFACE TO BE GLUED WITH M.E.K., KEROSENE OR SIMILAR SOLVENT.
2. APPLY FIRST COATING OF ADHESIVE TO THE ENTIRE SURFACE(S) BEING GLUED AND LET SIT FOR 10 MINUTES.
3. APPLY SECOND COATING OF GLUE TO THE ENTIRE SURFACE(S) AND LET STAND FOR 5 MINUTES.
4. JOIN SURFACES TOGETHER AND APPLY A SUBSTANTIAL AMOUNT OF PRESSURE, USING PLYWOOD ON BOTH SIDES, BETWEEN "C" CLAMPS.
5. LET SIT FOR 24 HOURS BEFORE RETURNING PRODUCT TO SERVICE.


NOTE:

- THIS ADHESIVE WORKS WITH ALL URETHANE COATED FABRICS EXCEPT FOR Mk 8 URETHANE BELTING & XR-5.
- ADDITIONAL FASTENERS, I.E., BOLTS, NUTS, WASHERS AND CHEEK PLATES MAY BE REQUIRED FOR SOME REPAIRS AT ESPECIALLY HIGHLY STRESSED AREAS OF SOME PRODUCTS.



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