

OCEANID BOAT REPAIR GUIDE **(BANANA BOAT)**

!!!FOLLOW THESE STEPS, NO EXCEPTIONS!!!

BEFORE STARTING REPAIRS

There are several basic points to observe before starting any repair job:

- Do not use old, expired glue or damaged glue. Old or once frozen adhesive will only fail once it is put under any great stress.

- Do not attempt to glue under cold or wet conditions.

Best conditions are indoors, warm and dry - minimum 65°F / 18°C. Everything needs to be dry. Water or moisture inside the boat tube will cause problems!

- Large tears or holes need to have a patch on the inside as well as the outside. The inside patch should be airtight before the outside patch goes on.

- Have all your tools and materials ready before starting the job. This saves frustrations during the work.

- Repair boat when its NOT inflated.

- Boat repair glues are Contact Adhesives. These require application to both surfaces, need time to dry before assembly, and need great pressure when the pieces are put together.

- Boat adhesives(STABOND) come in two parts - Base Adhesive (A) and Activator (B). Part (A) can work well on its own, but if the repair will get hot in the sun, Part (B) is essential. Part (B) has a short shelf life and must be kept cold and dry.

1. TOOLS AND MATERIALS

Check that the following tools and materials are ready before starting the repair:

- Glue
- Glue brush
- Material / patches
- Roller or something similar which can be used to apply pressure to the patch
- Solvent, MEK (Methyl Ethyl Ketone)
- Rags
- Pen or pencil
- Measure
- Scissors
- Heat gun or hair dryer

2. BOAT REPAIR PROCEDURE

Follow these steps carefully to get a permanent and professional repair.

- Cut patches, allowing 1 ¼” all round bigger than the hole in the boat. A tear longer than 4” will need two patches, one inside and one outside of the boat tube.
- If you need to mix glue (2 parts, A and B), use 10% activator and mix enough for the repair thoroughly in a small cup. See note below.
- Using MEK solvent, wipe clean the surfaces of both the boat and the patch(es) which are to be glued.

Small Pin Holes

- Using MEK solvent, wipe clean the surfaces of the boat which are to be glued.
- Using a glue brush, brush glue only on the pin hole area about the size of a dime.
- Let this dime size area dry 1-2 hours.
- Apply a second coat of glue only to the pin hole area only this time about the size of a nickel.
- Let this nickel size area dry 24 hours before inflating.
- If this procedure fails, apply a patch.

The key to small pin hole repair is using the adhesive only
And making sure the surface is clean.

Outside Patches

- Mark the outline of the patch on to the boat by drawing around it with a pen.
- Spread glue on to the boat and on to the patch.
Allow the glue to dry 10-15 minutes.
- Lay patch on boat, heat and roll using plenty of pressure. If needed, use the end of a blunt screwdriver to work down edges, bumps and creases.
- Let the glue cure until the next day before putting full air pressure in boat.