

Long Haul Maintenance Kit Instructions

FREESOLE- This product is used when there are minor nicks and scrapes on the rubber hull that do not require using a patch. This product helps seal the rubber hull from moisture entering the inner fiber. Use the 50 grit sand paper and lightly sand the area around the damaged part and then wipe the rubber clean with white gas. Apply a thin coat of the *Freesole* over the damaged area and let dry.

BARGE VINYL CEMENT-SPONSON REPAIR-A. *For SPONSON REPAIR -For pin holes.*
1. Sand around the hole with fine sandpaper. 2. Wipe the area clean, then apply a few drops of vinyl cement over the hole and let dry for an hour. B. *FOR LARGER HOLES* -(This will require a patch). 1. Using sponson patching material, cut patch large enough to extend past the hole by one inch. 2. Rough up patch and sponson with fine sandpaper and wipe clean. 3. Apply one coat of vinyl cement to patch and sponson, wait a couple of minutes or for proper tackiness and then press patch onto sponson.

BARGE VINYL CEMENT-SEAMARK (Vinyl Backed Acrylic Fabric) DECK REPAIR

1. Use SeaMark material for patching the deck along with vinyl cement. When cutting a patch, it's best if you have at least one inch of patch material beyond all area's of damage. 2. Cut patch that best fits damaged area. 3. Trace patch with pen on underside of deck and then apply vinyl cement to deck and patch. (NOTE: Fabric must be dry). 4. Bond the patch to the deck and press firmly. (NOTE: The critical part for proper bonding is the consistency of the glued surfaces! Glue too wet or dry will not bond properly). 5. Setup time will be 2 to 8 minutes depending on temperature and humidity. (NOTE: Apply glue to underside of deck and on the vinyl coated side of the patch). 6. Patching the deck can be very simple to complicated, depending on location and seam involvement.

303 AEROSPACE PROTECTANT- This product is used on the rubber hull and spray cover to protect from UV damage and fading. Use on rubber, vinyl, plastic, and leather. Do not use this product on the canvas deck.

303 FABRIC GUARD (OPTIONAL) - Use this product on the deck fabric section of the hull. This also helps to protect from UV damage and fading. Use on fabric. Do two light coats instead of one heavy coat.

MARINE VARNISH- This product is used on the wooden frame parts. It is always good to use the marine varnish on small nicks and scrapes in the wood to help keep the frame sealed from moisture damage. Use the 120 grit sand paper or steel wool to sand the areas of the frame where the varnish is peeling or is worn away. Wipe clean and apply 2 or 3 coats of varnish . Allow each new coat to dry before the next application.

NEOPRENE BASED CEMENT-for applying the Long Haul Keelstrips. This product is used for applying Long Haul Keelstrips and patches to Long Haul or Klepper Hull. When applying a patch, use the Long Haul keelstrip material. The patch should be long enough to extend beyond the damaged area by at least 1 inch on all sides. Cut the patch to the proper size, round off the

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corners, put the patch over the damaged area and trace around the patch with a pen. Wipe the surface of the patch with a damp rag of Toluene to remove any dust on the adhesive side. Use the 50 grit sand paper and sand beyond the traced lines by about 1/8". Sand the rubber enough to remove the shine of the rubber. **DO NOT** sand the rubber off to the core. Clean the rubber with Toluene. When applying glue to the hull make sure not to extend past patch marked area more than 1" on any given side. Apply (1) coat onto rubber hull and wait about 10-15 minutes, then re-apply 2nd coat of Neoprene Cement to hull and wait until cement is barely tacky, but not wet. Then apply keelstrip repair piece. Use a hard object to press the keelstrip onto the hull firmly. Apply pressure from the center of the keelstrip and push towards the edges.

**** -Drying times of Neoprene Cement will vary depending on temperature and humidity.**

**** -Rubber Cement and Toluene solvents are extremely flammable. DO NOT use around ignition sources.**

COTTON DECK REPAIR-(NEOPRENE CEMENT)-1. Use cotton deck material as patch. 2. Use two-part rubber cement. 3. Apply two coats rubber cement to deck and patch. 4. All other patching instructions pertain to cotton as SeaMark.

PAINTBRUSHES

1 inch brush-

1/2 inch brush

Varnish brush

DECK MATERIAL- Use the Cotton or SeaMark deck material to apply patches to the deck.

Also Included:

Steel Wool

Rubber Gloves

Keelstrip Material

Sandpaper

Greetings from Long Haul Folding Kayaks,

We would like to thank you for purchasing our Long Haul maintenance kit. Proper care and maintenance of your boat will add years of fun and great use of your kayak.

Always remember that there are tips to making the most of your boat.

**** NEVER!!!! store or fold your boat away wet. This makes the canvas and rubber more exposed to rotting and deteriorating.**

**** Always be careful of who you lend your boat out to.**

**** Never leave your boat out in the sun. With these helpful tips in mind, you can make the most out of your kayaking experience. If at any time you have any questions or problems, we are here to help. Thanks again and enjoy!**

Mark Eckhart & The Long Haul Products Staff

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