Installation Instructions

PIRANHA
DUAL LINE CUTTER

R.E. THOMAS MARINE HARDWARE, 14 FRANKLIN ROAD, HANCOCK, MAINE 04640

WARNING HANDLE WITH CARE SHARP

FOR INSTALLATION QUESTIONS & TECHNICAL SUPPORT REGARDING OUR PRODUCT:

REThomasMarineHardware.com

One great feature of the Piranha is the precision split design. This allows for installation without removing the propeller. The Piranha may be installed with the vessel afloat or out of the water. For safety and to insure proper installation, we recommend out of the water installation. A normal installation will take approx 10 minutes.

The Piranha is designed to be mounted on the shaft between the propeller and shaft bearing. It should be mounted flush against the propeller hub, and is secured by the clamping action of the two cap screws provided with each unit, so there is no need to drill or otherwise damage the surface of your shaft.

In most cases the gap between the propeller hub and shaft bearing will be wide enough to allow for the installation. After installation the gap between the forward face of the cutter and the aft end of the stern bearing should be no less than a measurement equal to one half the shaft diameter. The extra gap is necessary for adequate water flow through the bearing and any axial movement of the prop shaft. If the gap is found to be insufficient, please contact your local marine mechanic for options to provide more clearance. If gap is sufficient proceed to installation steps.

Installation steps:

1. Clean the shaft surface of any surface contamination. We recommend 3M Scotch-Brite pads, or equivalent, to clean the surface of the shaft on which the cutter is being mounted.
2. Wear protective leather gloves! Separate the two halves of the Piranha.
3. Reposition them around the shaft, up against the propeller hub.
4. Prior to installing the cap screws, apply a generous amount of Loctite to the thread area (Refer to Loctite Specs for proper use).
5. Tighten cap screws provided using a hex-head socket, extension and standard ratchet. Gently snug the first bolt, then snug the other one, tighten each one progressively until securely tight to ensure even clamping from side to side. Be sure you're pulling away from the cutter when tightening with the ratchet, incase you slip! This method should be used to tighten the Piranha instead if a typical allen-wrench due to the safety risks, and the ability to properly tighten the bolts.

Be sure to have an anode installed nearby to prevent galvanic action. If you are using the space on the shaft that the anode was previously located, other anode options are available.