

SHAFT SHARK ~ SHAFT* ~ INSTALLATION INSTRUCTIONS

Congratulations on your **Shaft Shark** purchase!

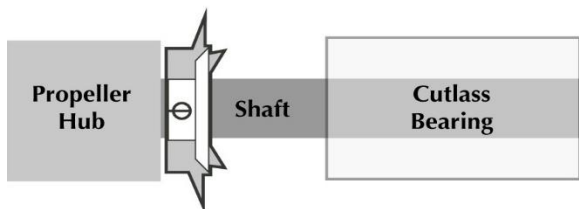
Installation Note:

The **Shaft Shark** Models 300-500 require 0.72"-0.82" of shaft clearance between the cutlass bearing and the propeller hub. Models 600 & above require 1.125"-1.50" clearance depend on model. This allows for sufficient clearance with the cutlass bearing for shaft movement when maneuvering and for water-flow through the cutlass bearing.

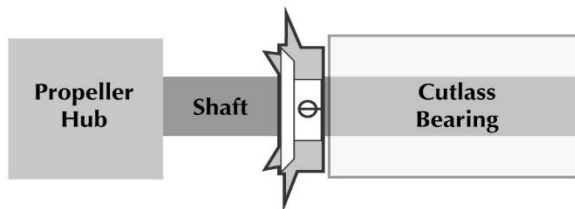
Installation Instructions:

The **Shaft Shark** should be installed with the cutting blade side facing forward. It should be mounted flush up against the propeller hub face on the cleaned fixed diameter (non-tapered) area of the shaft.

😊 **Correct / Right** 😊



☹ **Wrong / Incorrect** ☹



The shaft shark is a **split model** and **does not** require the removal of the propeller to install. The **Shaft Shark** is kept securely in place by the clamping torque on the shaft from the action of the 2 allen-head bolts. Apply the supplied VC-3 locking glue to fasteners ahead of time per product instructions below. Now you can install the Shaft Shark either above or underwater.

- Remove the allen-head bolts and separate the 2 Shaft Shark halves.
- Apply VC-3 to bolt threads ahead of time to let dry. **See next page**
- Clean the shaft where the Shaft Shark will clamp – remove all paint & growth in area of clamping.
- Re-position the two halves around the shaft, up against the forward face of the propeller hub, and tighten in place with the allen-head bolts. *See Fastener torque below*

Note: There will be a small gap between the 2 halves to ensure correct clamping torque.

* For Saildrive installation see separate instructions.



Maintenance:

There are no moving parts to maintain or replace on an annual basis. The cutting edges may be **re-sharpened** when necessary, using a **stone or round file**. Do NOT use a wire brush or like to clean the shaft shark as it may compromise the outer cutting surface blade.

About Vibra-TITE® VC-3 Threadlocker

- Dries to the touch within seconds of application. Coated parts are ready for underwater use in just a few minutes
- Coated parts can be stored indefinitely before use
- Offers multiple reuses. Using steady pressure and standard hand tools, coated parts can easily be adjusted, removed and reused.
- Powerful threadlocker ideally suited for marine use
- Utilizes a special blend of acrylic resins to prevent fasteners from loosening even under extreme vibration

Instructions for Vibra-TITE® VC-3:

- Apply a coating 360° around the screw threads (filling thread depth).
- Let dry 10-30 minutes depending upon the screw sizes & temperature.

Shaft Shark Fasteners Torque for A4 Metric Stainless Steel

- | | |
|---------------------------------|----------------------|
| • SS 300: M5 – 35.4in-lbs | use 4mm allen wrench |
| • SS 400 & 500: M6 – 60.3in-lbs | use 5mm allen wrench |
| • SS 600 & 700: M8 – 146.2in-lb | use 6mm allen wrench |
| • SS 900: M10 – 24.1ft-lbs | use 8mm allen wrench |

A second option for underwater installations:

Loctite has a product called **Loctite 248**, a medium strength Thread locker Stick which they say can be used under water - it's in a lipstick type dispenser.

****** Apply the **#248** to clean dry threads out of the water & make sure the "pink goo" is "pushed/smooshed" into all of the threads (no air gaps), before taking the fastener below the water. It takes 24hrs to fully cure.



RETURNS ~ REFUNDS ~ CANCELLATIONS

Within 30 days of purchase, non-custom items can be returned for a full refund, less shipping costs. The refund will only apply if the product is returned in its original packaging and upon inspection, is clearly in new unused condition.

All custom products, in a new unused condition in original packaging are subject to a minimum *15% restocking service charge, less shipping fees*. Used or damaged items will be charged a *minimum 20% restocking service fee, plus any additional charges* assessed upon inspection of the returned items.

All returns must be pre-authorized by AB Marine Inc., by calling 401-847-7960 or via email to sales@ab-marine.com. No returns will be accepted without prior approval. Packages returned without approval will be refused and returned to the sender by the carrier.

After 30 days all sales are final. Should a problem arise with any product purchased from us after this 30 day period, we will gladly assist you with any applicable warranty claims with the manufacturer up to one year from date of purchase.

**** Cancellation of a stock order is subject to handling fees where applicable.** Once orders have shipped it is a sale.

Orders for custom products involving lead times from manufacturers may not be cancelled once the order is in production. Custom items are subject to prepayment or a non-refundable deposit at the time the order is placed.

DELIVERY ~ DAMAGED PACKAGES

We try to be as accurate as possible when relaying anticipated delivery dates at the time of the order.

No guarantees will be made by any of our vendors or manufacturers with order fill dates.

In addition we are not in control or responsible for deliveries once they are in the hands of the third party delivery service.

Damage claims must be placed with the carrier within **5 x days of the date of acceptance**. Therefore a package must be visually inspected and if possible opened upon receipt.

If you do find damage, retain **ALL** of the original packaging materials in case an inspection needs to be made by the carrier or their representative.

Missing items must be reported to AB Marine, Inc. within **48 hours of receipt of delivery**.



Warranty

AB Marine, Inc. in conjunction with the manufacturer provides a 12-month warranty from the delivery date of the **SHAFT SHARK** to the customer. Warranty, service and parts are available from AB Marine or the manufacturer, or one of their appointed service representatives.

This warranty is subject to the following conditions and limitations:

1. The warranty will be null and void if; there is any neglect or failure to properly maintain and service the product. The Shaft Shark has been installed incorrectly or not in accordance with standard line cutter installation procedures. The Shaft Shark is serviced, repaired or maintained improperly or by unauthorized persons. Loss or damage is attributable to any act, matter or omission beyond the reasonable control of AB Marine or the purchaser.
2. The liability shall be limited to the repair or replacement (as determined by AB Marine or the manufacturer) of the Shaft Shark or parts defective in materials or workmanship. AB Marine shall not be liable for any loss, damages, harm or claim attributable to: Use of product in applications for which they were not intended. Corrosion, wear and tear or improper installation or improper use of the product
3. AB Marine shall not be responsible for any shipping charges, hauls, launchings, diving or other related installation/removal labor associated with any warranty claims.
4. There are no warranties of merchantability, fitness for purpose, or any other kind, express or implied and none shall be implied by law. If any such warranties are nonetheless implied by law for the benefit of the consumer, they shall be limited to a period of two years from the original purchase by the original user.
5. AB Marine disclaims any liability to you for incidental, consequential or indirect damages, including loss of time, loss of use, loss of revenue, travel expenses, transportation charges, food or lodging charges, or loss of personal property due to installation of the Shaft Shark equipment.
6. This warranty sets out your specific legal rights allowed by AB Marine: the laws of different countries may vary these rights. In addition, the purchaser may also have other legal rights, which may vary, from country to country.
7. Exclusion of implied warranties; the foregoing warranty is intended to be in lieu of all other warranties express or implied. AB Marine disclaims all implied warranties including warranties of merchantability and fitness for a particular use.
8. This warranty is the sole warranty given to you by AB Marine. Dealers may offer additional warranties but are not authorized to make changes to this warranty. Any question about the warranty should be directed to the Manufacturer. If you do bring a claim against the Manufacturer and if you lose, you must pay the Manufacturers reasonable costs of defense.
9. To make a claim under this warranty, contact AB Marine. Proof of purchase and authorization from AB Marine will be required prior to any repairs being attempted.