



# INSTALLATION INSTRUCTION

## JP-1A HI JACKER

### JACK PLATE

We recommend a full service marine dealer install this product to insure proper fit and trouble free operation. We cannot assume any responsibility for improper drilling transom or damage due to improper installation.

**Note: These instructions should be placed with product for the owner's future use.**

This jack plate is designed to fit all V-4 and V-6 outboard engines up to 150 HP. This jack plate will accommodate those motors equipped with dual steering and up to 90 degree of tilt angle. The plate is pre-drilled to accept the mounting bolt pattern of most outboards. Mercury models manufactured from 1976 to 1979 will require special installation steps. Please see a marine dealer to help with these older engines.

The jack plate is pre-drilled to fit existing mounting hole pattern in the transom. The short side of the plate mounts against the transom with machined out area at the top (notch to clear transom cap trim). Mount with ½" diameter stainless steel hardware and locknuts with oversized washers inside the transom. Apply liberal amounts of protective sealant around bolts and holes on both sides of transom to prevent leaks.

Mount engine to the **long side** of jack plate also using ½" diameter stainless steel hardware with locknuts and washers.

**IMPORTANT:** After engine is in place, tighten all hardware securely.

Before attempting to adjust the height of the jack plate, loosen the two (2) side bolts on each side. Adjust to desired height by turning the brass hex nut on the threaded rod on both sides of the plate equally. To lower plate loosen the brass hex nut in ¼" **or less increment** on both sides, and then lift up on the cavitation plate trim tab to make the engine fall against the nut. **Do this in small increments to achieve the desired location of the jack plate.** We recommend the use of an open-end wrench for this procedure. **DO NOT USE AIR TOOLS!** After each adjustment tighten all side bolts securely. (80 Ft/lbs).

#### **Maintenance Instructions:**

Maintenance inspection is the owner's responsibility and must be performed as follows:

- Perform periodic checks of all hardware for adequate tightness (Recommend 80 ft/lbs).
- Check to make sure no wiring to engine is rubbing against the plate.

#### **Limited Warranty**

T-H Marine Supplies, Inc., manufacturer, warrants to the first retail purchaser of this product, or a T-H Marine Supplies, Inc. product incorporated into another vendor's product, for a period of one (1) year from the date of original purchase, such product will be free from defects in materials and workmanship. This applies only to the original purchaser and must be returned to the manufacturer prepaid, accompanied by the invoice or purchase ticket. This warranty shall not apply to any product or component thereof which has been repaired, altered, damaged or abused during operation, not installed properly or not maintained in accordance with T-H Marine Supplies, Inc. instructions. In no event will T-H Marine Supplies, Inc. be liable for any incidental or consequential damages. This warranty applies only to the replacement or repair of products manufactured by T-H Marine Supplies, Inc. and not to any replacement labor or expenses. All warranties are void on the following applications, conditions, and installations: (1) Commercial boats, (2) Competition boats, (3) Improper installations, (4) Engine horsepower exceeding the U.S. Coast Guard maximum horsepower rating for the boat.