



# PROPELLER INSTALLATION GUIDE

FOR HUB ASSEMBLY KIT MODELS 28691, 28693, 28694 AND 28696

**NOTE:** Do not discard this installation guide. Please keep it for future reference.

**IMPORTANT!** This installation guide is intended for qualified service dealers and marine technicians. Incorrect installation could result in personal injury and damage to the product(s), engine and drive components. This installation guide is not a substitute for proper training in the installation of these products.

**WARNING!** A rotating propeller can cause serious personal injury or even death. Never operate the boat out of the water with a propeller installed. Place the engine in neutral before removing or installing a propeller, and engage the lanyard stop switch to prevent engine start. To further ensure there is no accidental propeller rotation, wedge a piece of wood between one of the propeller blades and the anti-ventilation plate.

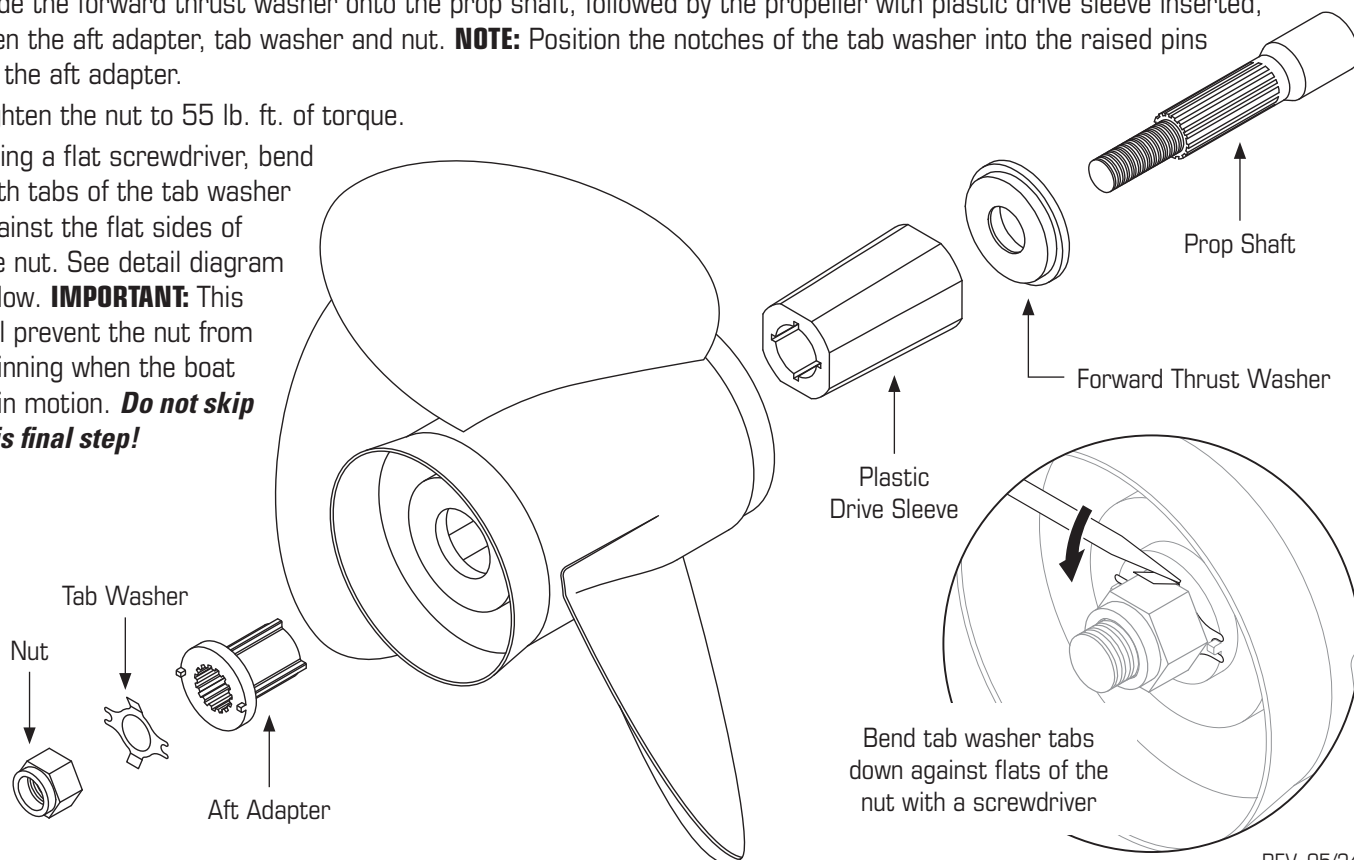
## LUBRICATE THE PROPELLER SHAFT

Before installing your new Seachoice propeller, lubricate the prop shaft according to the engine manufacturer's guidelines using only approved lubricants. This will aid in subsequent propeller removal and corrosion resistance.

## MODEL 28691 HUB ASSEMBLY KIT FOR MERCURY®

Fits Mercury®/Mariner® 46-60 HP CT/Bigfoot, Verado® 72-300 HP, Force® 90-120 HP outboards; Mercruiser® Alpha and Bravo One stern drives (< 400 HP).

1. Insert the plastic drive sleeve into the forward end of the propeller hub. It can only be inserted one way.
2. Place the propeller-facing side of the forward thrust washer over the plastic drive sleeve and, using a dead blow hammer or rubber mallet, firmly tap on the forward thrust washer until the plastic drive sleeve is fully seated in the propeller hub. **NOTE:** Rest the aft end of the propeller on a block of wood or cushioned surface to protect it from damage before performing this step.
3. Slide the forward thrust washer onto the prop shaft, followed by the propeller with plastic drive sleeve inserted, then the aft adapter, tab washer and nut. **NOTE:** Position the notches of the tab washer into the raised pins on the aft adapter.
4. Tighten the nut to 55 lb. ft. of torque.
5. Using a flat screwdriver, bend both tabs of the tab washer against the flat sides of the nut. See detail diagram below. **IMPORTANT:** This will prevent the nut from spinning when the boat is in motion. **Do not skip this final step!**



## MODEL 28693 HUB ASSEMBLY KIT FOR YAMAHA®

Fits Yamaha® outboards and stern drives with V-4 and V-6 gear case – 1980 and newer.

## MODEL 28694 HUB ASSEMBLY KIT FOR HONDA®

Fits Honda® outboards 75-90 HP – 1999 and newer, 115-130 HP.

## MODEL 28696 HUB ASSEMBLY KIT FOR SUZUKI

Fits Suzuki® 15-300 HP 4-stroke and 150-225 HP 2-stroke outboards.

1. Insert the plastic drive sleeve into the forward end of the propeller hub. It can only be inserted one way.
2. Place the propeller-facing side of the forward thrust washer over the plastic drive sleeve and, using a dead blow hammer or rubber mallet, firmly tap on the forward thrust washer until the plastic drive sleeve is fully seated in the propeller hub. **NOTE:** Rest the aft end of the propeller on a block of wood or cushioned surface to protect it from damage before performing this step.
3. Slide the forward thrust washer onto the prop shaft, followed by the propeller with plastic drive sleeve inserted, then the aft adapter, washer (or step-down castle washer for model 28696) and castle nut.
4. Tighten the castle nut to 55 lb. ft. of torque, making sure the hole in the tip of the prop shaft is visible through one of the notches in the nut.
5. Insert the cotter pin into the prop shaft hole and bend one of the tines back with a pair of pliers. See detail diagram below right. **IMPORTANT:** This will prevent the nut from spinning when the boat is in motion. ***Do not skip this final step!***

