

New Hi-Performance Square Bore Hub Kit

Application

All outboard Cleaver, Chopper and Lightening ET propellers that have a square bore replaceable hub. The only propellers in these three styles that have a replaceable hub will have a part number that ends in **A61, A62 & A63** or **L61, L62 & L63**.

Problem

Some Hi-Performance propellers that are run at very high engine heights, using the Hi-Performance square bore steel hub, may loosen on the propshaft.

Correction

To reduce the chance of the propeller becoming loose, insert bushing (P/N 23-849501) into the steel square bore hub for additional propshaft support.

Ordering Hub Kits

- Order the new Hi-Performance square bore steel hub kit (P/N 849502A1) for use with all outboard Hi-Performance Cleaver, Chopper and Lightening ET propellers (ending numbers A61, A62 & A63 or L61, L62 & L63).

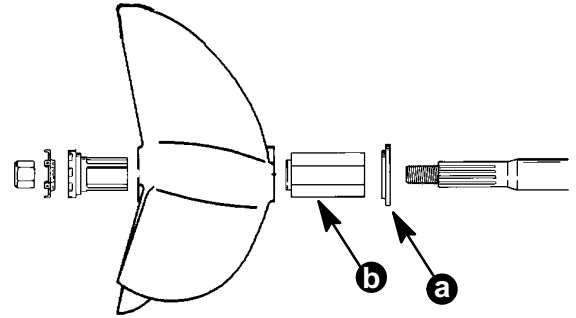
Updating In Service Propellers

- Order bushing P/N 23-849501 for Cleaver, Chopper and Lightening ET propellers that are loosening prematurely in service. Replace the bushing under Quicksilver warranty using the following codes.
 Failure Code: 217 97
 Labor Code and Time: Excp. 0.5 hrs.

Installing Nylon Bushing into Propeller

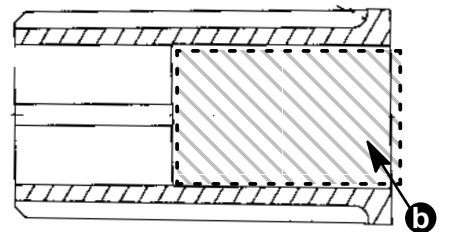
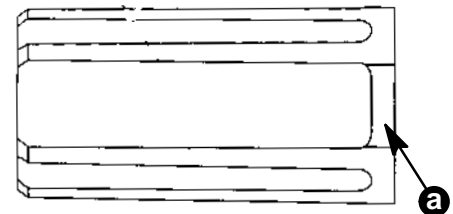
- Remove propeller as per instructions in your Service or Operations and Maintenance Manual.

- Inspect square bore steel replaceable drive sleeve and forward thrust hub for excessive wear. Replace if needed.



- a - Thrust Washer
- b - Replaceable Drive Sleeve

- Press bushing into the replaceable steel drive sleeve. When completely inserted, the bushing will protrude from the drive sleeve approximately 1/16 in. (1.6 mm).



- a - Replaceable Steel Drive Sleeve
- b - Nylon Bushing Installed in Steel Sleeve

- Coat prop shaft with Quicksilver Anti-Corrosion Grease. Place a block of wood between the gear case and propeller and tighten the propshaft retaining nut to a minimum of 55 lb. ft. (75 N·m).
- Secure propeller retaining nut by bending three of the nut retainer tabs into the thrust hub grooves.