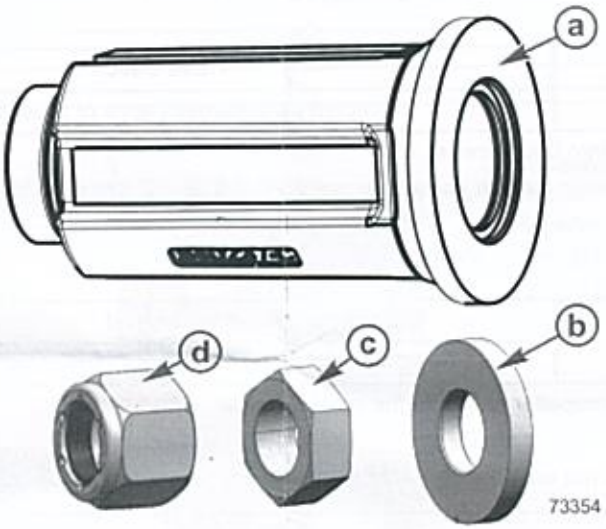
HEAVY DUTY (HD) PROPELLER HUB KIT AND DUAL PROP NUT KIT FOR MERCURY RACING OUTBOARDS

IMPORTANT: This document guides our dealers, boatbuilders, and company service personnel in the proper installation or service of our products. If you have not been trained in the recommended servicing or installation procedures for these or similar Mercury Marine products, have the work performed by an authorized Mercury Marine dealer technician. Improper installation or servicing of the Mercury product could result in damage to the product or personal injury to those installing or operating the product. Always refer to the appropriate Mercury Marine service manual for component removal and installation instructions.

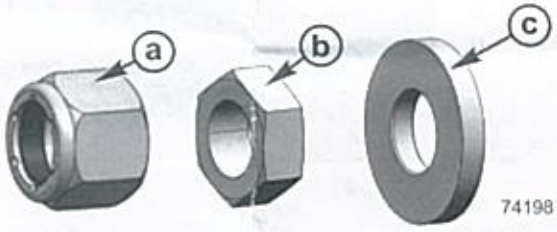
NOTE: After completing installation, place these instructions with the product for the owner's future use.

Components Contained in HD Propeller Hub Kits 8M0183487 and 8M0183488



Ref.	Qty.	Description	Part Number
a	1	HD propeller hub	8M0190916
b	1	Washer	840383-1
c	1	0.75-16 brass hex nut	8M0175688
d	1	Locknut	827614-1

Components Contained in Dual Prop Nut Kit 8M0179579



Ref.	Qty.	Description	Part Number
a	1	Washer	840383-1
b	1	0.75-16 brass hex nut	8M0175688
c	1	Locknut	827614-1

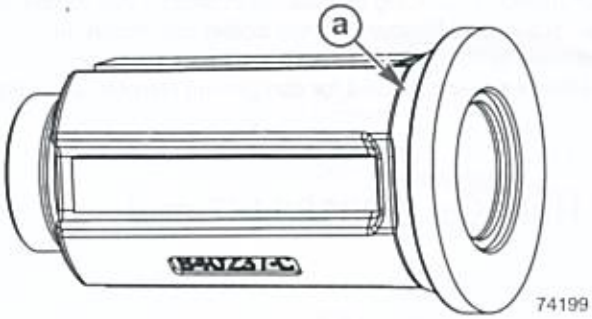
Heavy Duty (HD) Propeller Hub Installation

NOTICE

Operating the engine with a loose propeller can damage the propeller, the drive, or drive components. Always tighten the propeller nut or nuts to specification and check for tightness periodically and at the required maintenance interval.

IMPORTANT: A rubber hammer may be needed to tap the last 6.35–12.7 mm (0.25–0.50 in.) of the hub into the propeller.

1. Apply 2-4-C with PTFE to the machined pilot diameter area prior to installation into the propeller.



a - Machined pilot diameter area

Description	Where Used	Part No.
2-4-C with PTFE	Machined pilot diameter area of propeller hub	92-802859A 1

2. Install the HD propeller hub into the propeller.

   IMPORTANT: A rubber hammer may be needed to tap the last 6.35–12.7 mm (0.25–0.50 in.) of the hub into the propeller.

3. Apply 2-4-C with PTFE to the propeller shaft splines.

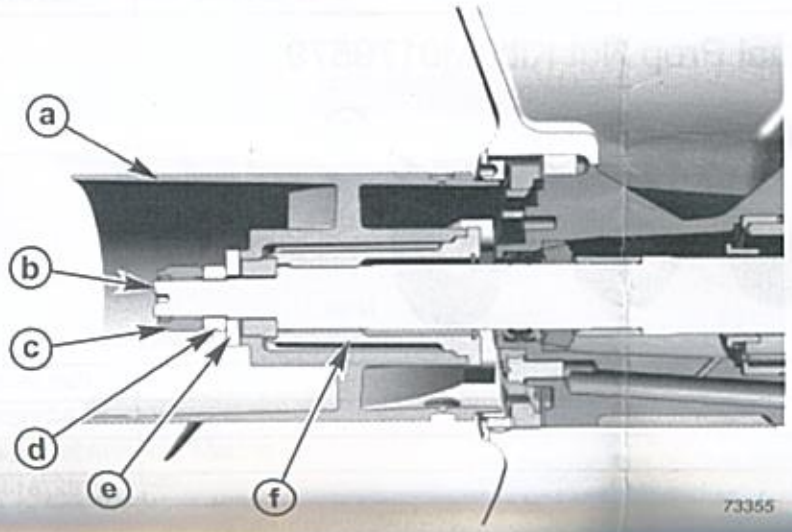
Description	Where Used	Part No.
2-4-C with PTFE	Propeller shaft splines	92-802859A 1

4. Install the propeller and HD propeller hub onto the propeller shaft.
5. Install the washer onto the propeller shaft.
6. Install the 0.75-16 brass hex nut onto the propeller shaft. Tighten the nut to the specified torque.

Description	Nm	lb-in.	lb-ft
0.75-16 brass hex nut	115.2	–	85

7. Install the locknut onto the propeller shaft. Tighten the nut to the specified torque.

Description	Nm	lb-in.	lb-ft
Locknut	115.2	–	85



a - Propeller
b - Propeller shaft
c - Locknut
d - 0.75-16 brass hex nut
e - Washer
f - HD propeller hub

Dual Prop Nut Kit Installation

NOTICE

Operating the engine with a loose propeller can damage the propeller, the drive, or drive components. Always tighten the propeller nut or nuts to specification and check for tightness periodically and at the required maintenance interval.

1. Apply 2-4-C with PTFE to the propeller shaft splines.

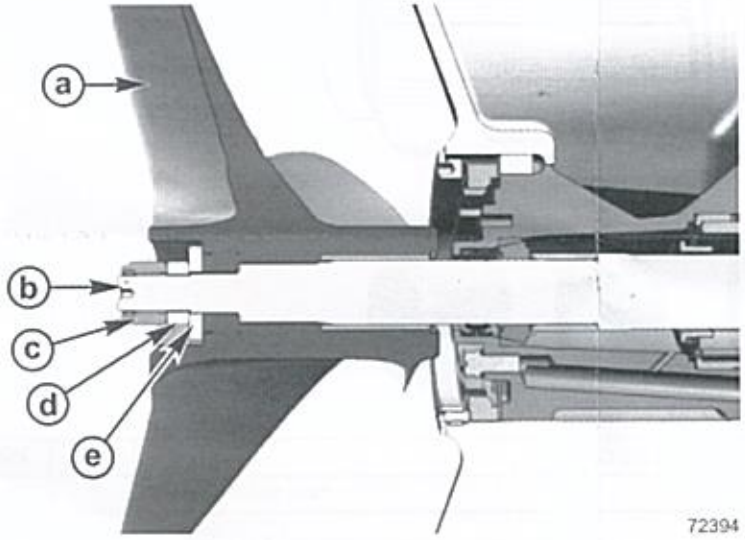
Description	Where Used	Part No.
2-4-C with PTFE	Propeller shaft splines	92-802859A 1

2. Install the propeller and propeller hub kit (if required) onto the propeller shaft.
3. Install the washer onto the propeller shaft.
4. Install the 0.75-16 brass hex nut onto the propeller shaft. Tighten the nut to the specified torque.

Description	Nm	lb-in.	lb-ft
0.75-16 brass hex nut	115.2	–	85

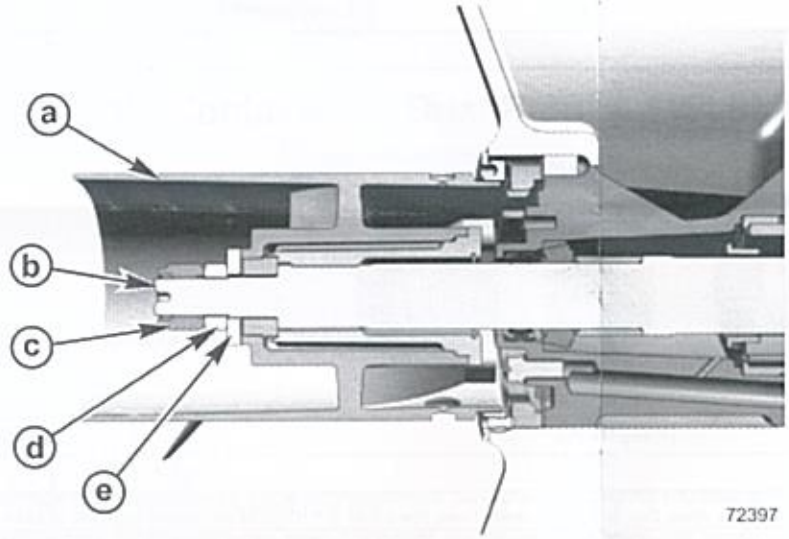
5. Install the locknut onto the propeller shaft. Tighten the nut to the specified torque.

Description	Nm	lb-in.	lb-ft
Locknut	115.2	–	85



CNC Cleaver propeller

a - Propeller
b - Propeller shaft
c - Locknut
d - 0.75-16 brass hex nut
e - Washer



All other propellers rated for the given engine HP

a - Propeller
b - Propeller shaft
c - Locknut
d - 0.75-16 brass hex nut
e - Washer