



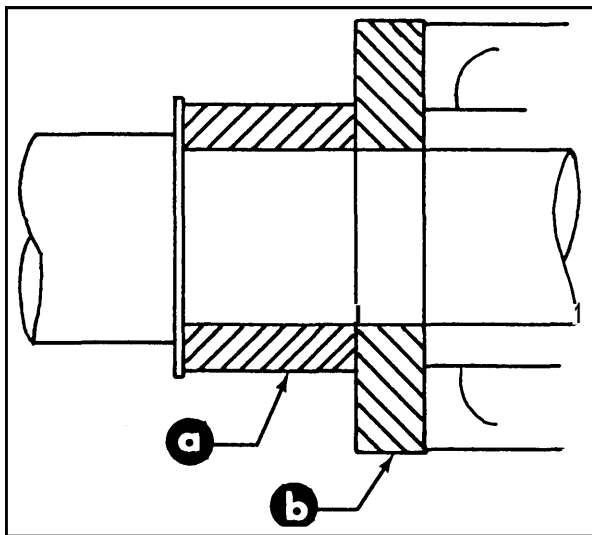
CIRCULATE TO:	SERVICE MGR.	PARTS MGR.	MECHANICS	Place in Your "Service Bulletins Binder"
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- A. Spacer - Old Style Propeller Shaft to Thrust Hub
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- C. Quicksilver Formula 50D Oil Availability
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- E. Piston Ring Identification - Merc 1500 and 1750

A. SPACER - OLD STYLE PROPELLER SHAFT to THRUST HUB

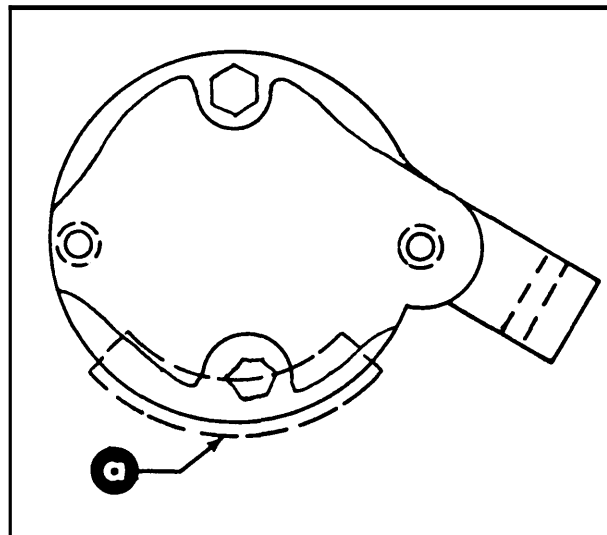
(Attach Service Bulletin Sticker to P. 2B-1 in Your Service Manual.)

Older style 6-cylinder and 4-cylinder (Merc 650-800) outboard propeller shafts had a square thrust hub shoulder, as compared to the tapered thrust hub shoulder on present outboards. When installing new style propellers and thrust hub (A-75282) on those outboards, it will be necessary to install spacer (C-23-86918). (Figure 1)



a - Steel Tube Spacer b - Thrust Hub

Figure 1. Spacer Location



a - Gasket Placement

Figure 2. Gasket Installation

B. STARTER MOTOR MOUNT BREAKAGE - Merc 402E

(Attach Service Bulletin Sticker to P. 4B-6 in Your Service Manual.)

Should it become necessary to replace a crankcase and cylinder block assembly on a Merc 402E, because of a broken starter motor mounting flange, install gasket (C-27-86663) as shown in Figure 2. The gasket will take up space and provide a solid mounting that will cut down vibration. Before installing starter motor, remove any paint or Loctite deposits from starter motor and mounting flange.

C. QUICKSILVER FORMULA 50D OIL AVAILABILITY

(Attach Service Bulletin Sticker to P. 1A-6 in Your Service Manual.)

It is recommended that Mercury Outboard V-6 Models use Quicksilver Formula 50-D 2-Cycle Oil in the fuel mixture. This oil (listed in chart, following) mixes more readily with gasoline, particularly in built-in tanks.

A distinctive blue dye has been added to Formula 50-D which helps to tell at a glance whether or not oil has been added to the gasoline. The blue dye also provides additional assurance that the lubricant has dispersed throughout the contents of the fuel tank.

CAUTION: Mix all fuel and oils thoroughly.

Quicksilver Formula 50-D Oil	
8 oz. (237 ml) Cans	C-92-75608-48
12 oz. (355 ml) Cans	C-92-86104-24
2-1/2 Gal. (9.46 l)	C-92-86107-1
5 Gal. (18.9 l)	C-92-86106-1
55 Gal. (208 l)	C-92-86108-1

D. MERC 2000 GEAR HOUSING REPAIR TOOLS

(Attach Service Bulletin Sticker to P. 10B-1in Your Service Manual.)

The following listed new tools will be required to repair the Merc 2000 gear housing. Order your tools now so that they are in your stock for servicing the Merc 2000.

TOOLS USED for MERC 2000 GEAR HOUSING

Tool Description	Part No.
Puller Bolt	C-91-85716 (New)
Cross Pin Tool	C-91-86642 (New)
Forward Gear Bearing Tool	C-91-86943 (New)
Bearing Driver Cup	C-91-87120 (New)
Drive Shaft Tapered Bearing Driver	C-91-87119 (New)
Pinion Gear Shimming Tool	C-91-74776 (New)
Backlash Indicator Rod	C-91-78473 (New)

E. PISTON RING IDENTIFICATION - Merc V1500 and V1750

(Attach Service Bulletin Sticker to P. 6D-16 in Your Service Manual.)

Merc 1500 and 1750 contain 2 different types of pistons. Some pistons contain one keystone (tapered) ring and one rectangular ring. Others contain 2 keystone rings. There is no way to identify the cylinder block assemblies. When ordering replacement rings, it will be necessary to measure the ring thickness. (See Figure 3.)

When one keystone and one rectangular ring are used, the keystone ring must be installed in the top ring groove. All piston rings have a dot on one side. This dot identifies the top of the ring.

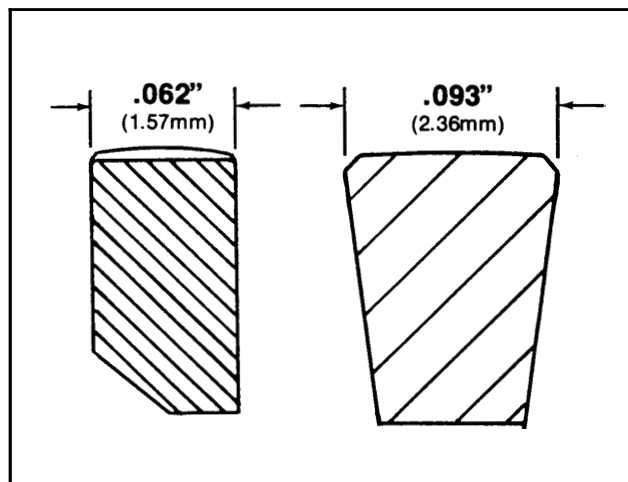


Figure 3. Rectangular Ring (Left) and Keystone (Tapered) Ring (Right)