



CIRCULATE TO:	SERVICE MGR.	PARTS MGR.	MECHANICS	Place in Your "Service Bulletin" Binder
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- A. New Propellers for Merc 402-500-650-700
- B. Model 1976 Merc 850 Water Inlet Tube
- C. Service Aids Updated

A. NEW PROPELLERS for MERC 402-500-650-700

(Attach Service Bulletin Sticker to Section 2B Index Page of Your Service Manual.)

Soon to be introduced is a new line of Quicksilver 3-blade aluminum propellers for Merc 402-500-650-700 models (above Serial No. 4564001) that will back-fit thru 1970 models. They will only be available cupped with the new Mi-Rake blade design, which provides improved performance with less chance of ventilation (breaking loose) in turns. Also, with Power Trim installed, the new propellers will hold better when the engine is trimmed out.

The new line will adapt to any 1970 and newer Merc 402-500-650 (3-Cyl.) model by simply replacing the forward and rear thrust hubs with a new forward thrust hub and tab washer (listed below). (Figure 1)

A-73345 Forward Thrust Hub

A-14-76281 Tab Washer

NEW 3-BLADE ALUMINUM PROPELLERS

Part No.	Diameter	Pitch
A-48-73 132A4	11 1/4"	10"
A-48-73 134A4	10-5/8"	12"
A-48-73 136A4	10-3/8"	13"
A-48-73 138A4	10-1/4"	14"
A-48-73 140A4	10-1/8"	15"
A-48-73 144A4	10"	17"

(Metric Conversion: 1" = 2.54cm)

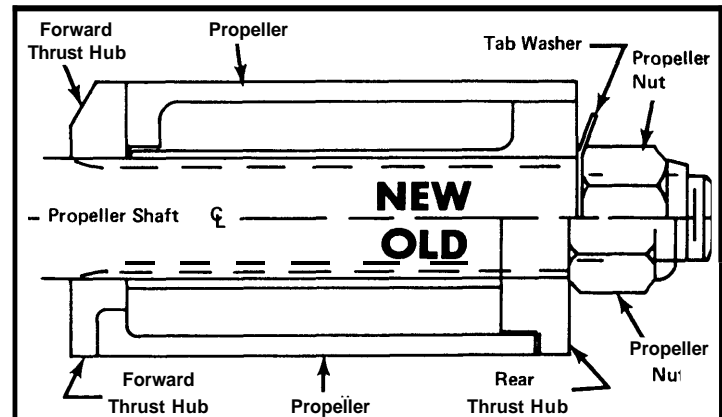


Figure 1. Propeller Installation

All 1977 Merc 402-500-700 models (above Serial No. 4564001) will be shipped with the new thrust hub and tab washer that are designed for use with the new propellers. We recommend using the new propellers with these 1977 models; however, the current (1976) propeller line can be utilized if the new forward thrust hub (A-73345) is replaced by the old style forward thrust hub (A-65758), then adding the old rear thrust hub (A-62124A1). (Figure 1)

A-65758 Forward Thrust Hub

A-62124A1 Rear Thrust Hub

(OVER)

B. MODEL 1976 MERC 850 WATER INLET TUBE

(Attach Service Bulletin Sticker to P. 6C-13 of Your Service Manual.)

A number of **1976 Merc 850** Outboards (below Serial No. **4542436**) may have the water inlet tube rubbing on the drive shaft. Over a period of time, the tube could rub through and cause loss of cooling water to the Powerhead

Check for this condition on each **1976 Merc 050** (below Serial No. **4542436**) in your stock or which you have sold. Remove the gear housing assembly and inspect for water inlet tube rubbing against the drive shaft approximately **8"** (20cm) up from the water pump assembly. Replace (under warranty) any water inlet tube (**C-32-60897**) found to be rubbing.

File a warranty claim in amount of **0.4 hr.** for **each** inspection or replacement of a **1976 Merc 850** (below Serial No. **4542436**) water inlet tube. More than one Merc **850** can be filed on a warranty claim, provided that the serial number of each outboard is listed.

C-32-60897 Water Inlet Tube

C. SERVICE AIDS UPDATED

(Attach Service Bulletin Sticker to Section 1 Index Page of Your Service Manual.)

1. MerCharts for 1976

New Mercury Outboard and MerCruiser Tuneup Specification MERCHARTS (slide charts) -- to include **1976** models -- now are available. Place your order now for the handy, **new** MERCI-IARTS.

C-90-71288 MerCruiser Tuneup Specification MerChart
C-90-71287 Outboard Tuneup Specification MerChart

2. "Micro-Card Change Notices" Cards

"Micro-Card Change Notices" cards (**C-90-75445**) now are available to dealers in packs of **100**. Their convenient **4/6"** heavy-paper size allows easy filing in the Micro-Card filing box.

C-90-75445 "Micro-Card Change Notices" Cards (100 per Pack)