



Beaver Dam, Wis.
U.S.A.

MERCUISER SERVICE BULLETIN

Section: XII (Service
Bulletins)
Number: X 64-12
Date : 7/10/64

- A. Heavy Duty Bearing Mounting Kit, MerCruiser II
- B. Water Pickup Pump Assembly, V-8 Engines
- C. Bearing Alignment Shaft, MerCruiser I & II
- D. Replacement Hydraulic Pump & Motor for Full Power Tilt

A. HEAVY DUTY BEARING MOUNTING KIT for MERCUISER II, SERIAL NO. 1602185 & BELOW

(For Drive Unit Section IX)

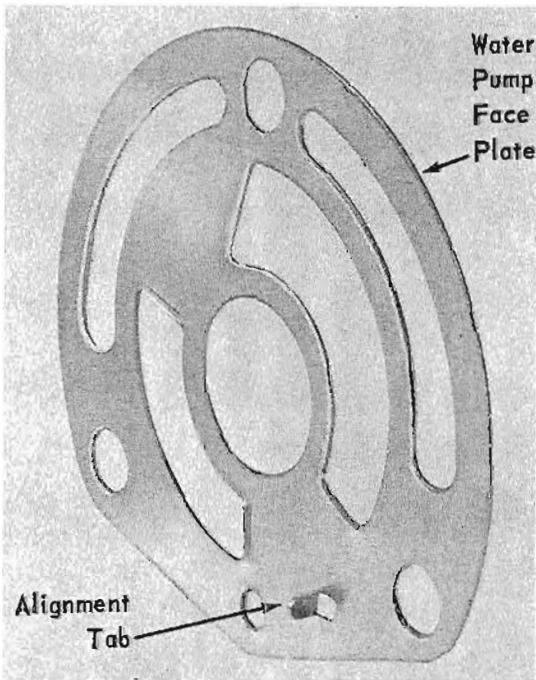
A special gimbal housing ball bearing mounting kit now is available for heavy duty applications. This heavy duty bearing kit is recommended for commercial applications or for units which are required to operate under extremely adverse conditions.

B-30-35466A1	Bearing Mounting Kit, MerCruiser II	\$39.00 U.S. List
	(Serial No. 1602185 & Below)	

B. WATER PICKUP PUMP ASSEMBLY (B-46-32901A2) for V-8 ENGINES

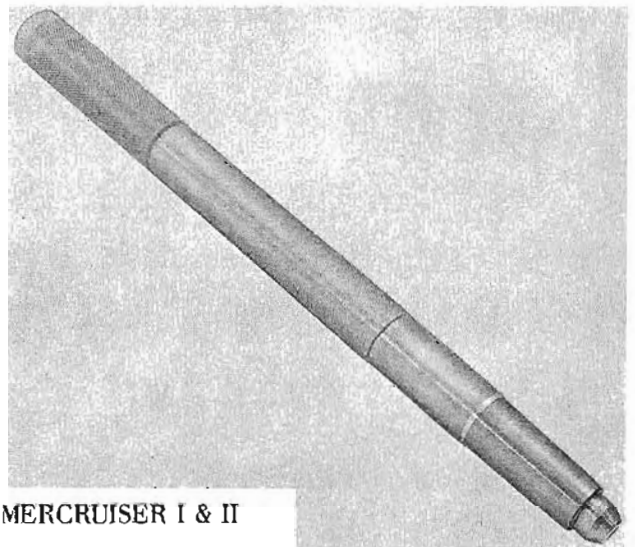
(For P. 1 of Miscellaneous Section X)

Face plates B-32836 and B-32837 now have a small tab which aligns with the alignment hole in the water pickup pump body to prevent incorrect assembly. When matching the late style face plates with the earlier style water pickup pump bodies which do not have the alignment hole, it will be necessary to bend the tab flat before assembling. (Figure 1)



◀ Figure 1. Water Pickup Pump Alignment

▼ Figure 2. Bearing Alignment Shaft



C. BEARING ALIGNMENT SHAFT (C-91-37384) for MERCUISER I & II

(For PP 4 & 7 of Tool Section XI)

Aligns the gimbal bearing in the transom assembly with the drive coupling to expedite installation of the drive units. Place end of shaft in gimbal bearing, turn shaft and push thru into coupling for proper alignment. (Figures 2-3-4)

C-91-37384	Bearing Alignment Shaft, MerCruiser I & II	\$ 7.75 U.S. Net
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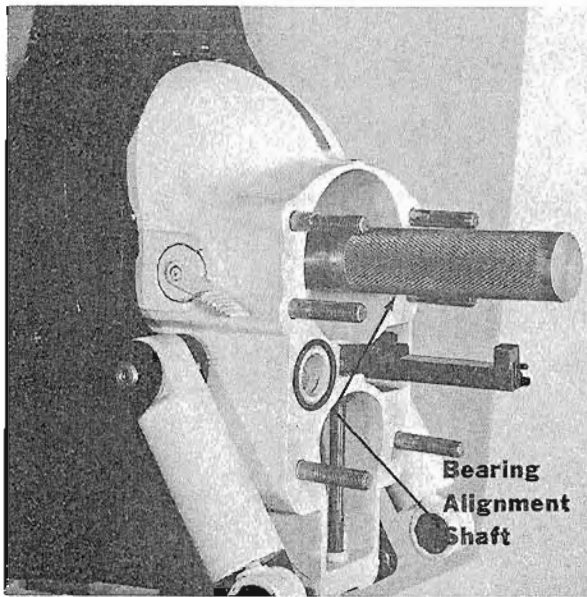


Figure 3. Positioning Alignment Shaft

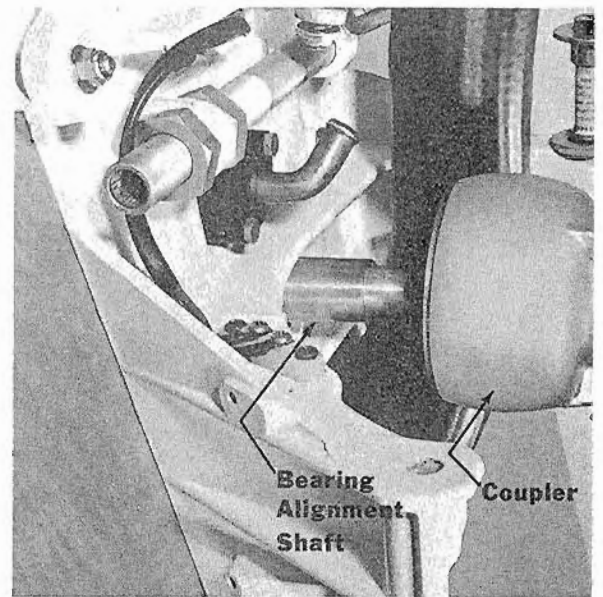


Figure 4. Installing Drive Coupling

D. REPLACEMENT HYDRAULIC PUMP & MOTOR for FULL POWER TILT on MERCURISER I & II

(For P. 13 of Miscellaneous Section X)

The "low pressure" hydraulic pump (B-34901) and the "low pressure" hydraulic pump and valve assembly (B-34901A2) (Figure 5) are no longer available and are superseded by the "high pressure" hydraulic pump assembly conversion kit assembly (B-36574A3). (Figure 6) The conversion kit includes instructions and all necessary parts needed to convert from the "low pressure" pump to the "high pressure" pump with one exception: Power tilt B-36065A2 or B-36065A4 also requires hose assembly B-32-36169A1. This part IS NOT INCLUDED in the kit and must be ordered separately.

Do not attempt to repair defective hydraulic pump units. If pump is determined to be defective -- as outlined on PP 13-to-16 of Miscellaneous Section X of your MerCruiser Service Manual -- it should be returned to your distributor or factory branch for exchange on a no-charge basis if in warranty. If out of warranty (90 days), pump will be exchanged at a special exchange price which will be established and published. Exchange price will be determined by type of failure incurred.

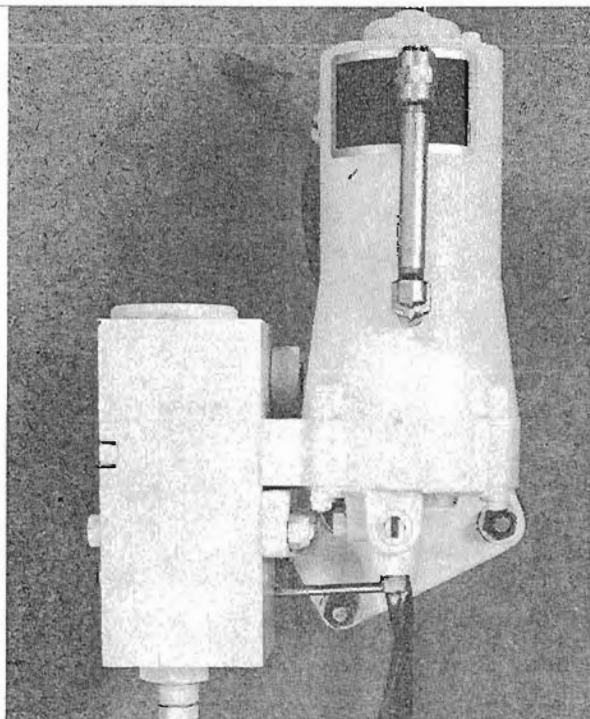


Figure 5. Low Pressure Pump Assembly

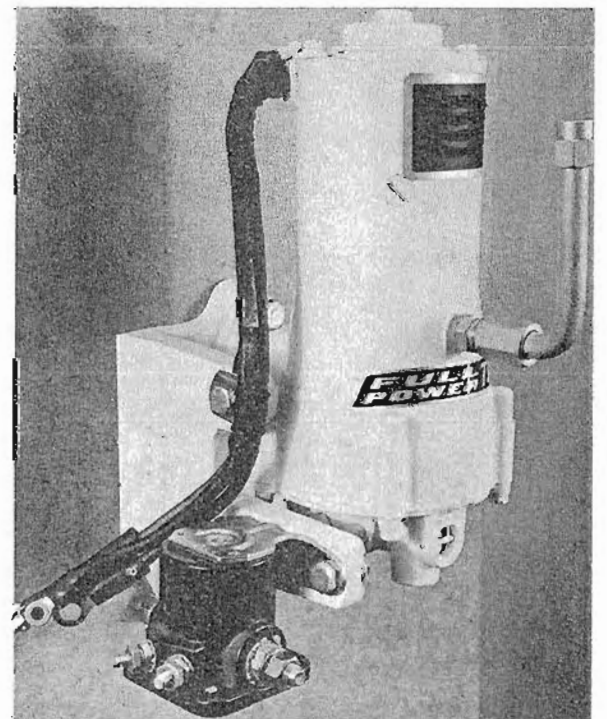


Figure 6. High Pressure Pump Assembly