



MERC[RUISER SERVICE BULLETIN

Section: XII (Bulletins)
Number: 67-866-20
Date : 11/23/66 x

Cut individual items along broken lines and attach in appropriate sections of your MerCruiser Service Manual.

- A. Tightening Bellows Clamps - All MerCr. Drive Units (Sec. II)
- B. Remedy When Drive Unit Unlocks in Reverse - MerCr. 120-160 (Sec. II)
- C. Engine Crankcase Oil Capacity - MerCruiser 80 (Owners Guide)
- D. Snap Ring Pliers - All Stern Drive Units (Section XI)
- E. Heavy Duty Water Pump Kit - MerCruiser "O" Drive (Sec. IX)
- F. Repair Kits - MerCr. 60 Hydr. Shift Sender & Receiver (Sec. X)

A. TIGHTENING BELLOWS CLAMPS - All MerCruiser Drive Units

(For Installation Section II)

When replacing the bellows on MerCruiser drive units -- as prescribed in the Service Manual -- recheck and retighten the bellows clamps 3-to-4 hours after the replacement. This is a precaution to prevent bellows from possibly working loose.

B. REMEDY WHEN DRIVE UNIT UNLOCKS IN REVERSE - MerCruiser "120" and "160"

(For Installation Section II)

Occasionally, a MerCruiser 120 or 160 Stern Drive Unit (standard or Power Tilt) will tilt up when shifted into reverse gear. (Power Trim has a hydraulic lock.) This may occur when the drive shaft housing tilt pin recesses on the drive shaft housing do not align with the tilt pin and, thus, does not allow the drive unit to travel down far enough on the tilt pin.

If this condition is experienced, it will be necessary to file a slight amount of metal from the top end of the tilt pin stop area, as shown in Figure 1. It may be necessary to file from either one or both sides.

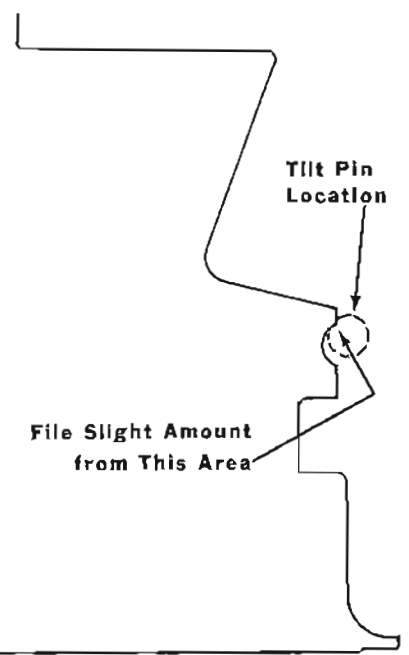


Figure 1. Area to Be Filed ▶

C. ENGINE CRANKCASE OIL CAPACITY - MerCruiser "80"

(For MerCruiser "80" Operation and Maintenance Guide)

The engine oil capacity was listed erroneously in the MerCruiser "80" Operation and Maintenance Guide. On Page 15, the crankcase capacity should read as follows:

With Oil Filter Change - 5 qts. (8½ Imp. pts. or 4.8 litres)

Without Oil Filter Change - 4¼ qts. (7 Imp. pts. or 4 litres)

Please notify your MerCruiser "80" customers of this change.

D. SNAP RING PLIERS - All Stern Drive Units

(For Tool Section XI)

A new, heavy-duty Snap Ring Pliers (C-91-37240A1) now is available with extra long handle (Figure 2) This tool has been designed to remove and install the gimbal housing ball bearing snap ring on MerCruiser Stern Drive Units. (Figure 3)

C-91-37240A1

Snap Ring Pliers

\$ 5.50 Net U.S.



Figure 2. Snap Ring Pliers (C-91-37240A1)

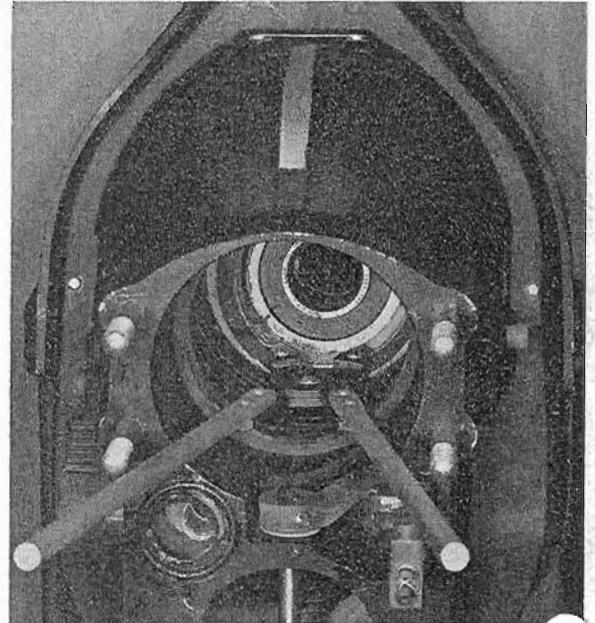


Figure 3. Employing Snap Ring Pliers (C-91-37240A1)

E. HEAVY DUTY WATER PUMP KIT - MerCruiser "0" Drive Unit

(For Drive Units Section IX)

A new Heavy Duty Water Pump Kit (B-46-38958A4) has been developed for the MerCruiser "0" Stern Drive Unit, Serial No. 2063735 and below. Do not use on MerCruiser "80" drive units. If operating in sand or silt laden water, and a heavy duty water pump is needed, order from below:

B-46-38958A5

Heavy Duty Water Pump Kit

F. REPAIR KITS - MerCruiser "60" Hydraulic Shift Sender and Receiver (For Miscellaneous Section X)

Repair kits now are available for MerCruiser "60" hydraulic shift sender and receiver units. The kits contain "O" ring and seal replacement parts. CAUTION: "O" rings and seals are composed of a special compound for use in these units. No substitutions can be used.

The new parts, which are included in the kit, must be replaced as required for effective repair. If other parts are damaged, the complete assembly must be replaced. Repair instructions accompany the kits. Order kits as listed below:

B-25-38894A1

Receiver Repair Kit

B-25-38893A1

Sender Repair Kit