



MERCUISER SERVICE BULLETIN

Section: XII (Bulletins)

Number: 69-5-01

Date: 1/3/69

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

- A. MerCruiser Tool and Lubricant (For Tool Section XI)
- B. MerCruiser 120 and 160 Drive Unit Identification (Section I)
- C. Trim Limit Modification Kit - MerCr. II-200-225 (P.86 Sec. X)
- D. MerCr. 200-225 (Transom Mounted) Shift Cable Dimensions (P. 6B Sec. II)
- E. Water Pump Damage - New Plastic Water Pump (For Section IX)

A. MERCUISER TOOL AND LUBRICANT

1. Hex Key Wrench - All Stern Drive Units and Outboards with Trim Tabs

(For P. 17 of Tool Section XI)

Two new hex key wrenches will adjust or remove and replace trim tab on all stern drive units and outboards with adjustable trim tabs. (Figure 1)

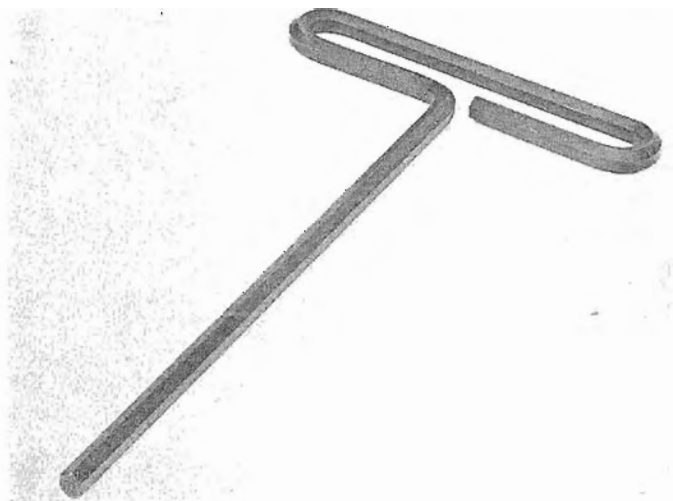


Figure 1. Hex Key Trim Tab Wrench

C-91-52340

Hex Key - 6"x5/16"

\$1.30 Net U.S.

C-91-52341

Hex Key - 6"x3/8"

1.60 Net U.S.

2. Super-Duty Gear Lubricant - All MerCruisers and Mercury Outboards

(For P. 18 of Tool Section XI)

Super-Duty Gear Lubricant has replaced Extra-Duty Gear Lubricant for all model MerCruiser Stern Drives and all outboards.

Super-Duty is compatible with Extra-Duty and, therefore, can be added to any unit which already contains Extra-Duty in the drive unit. All future service instructions for all MerCruisers and Mercury Outboards will call for Super-Duty Gear Lubricant. Orders for Extra-Duty will be superseded by Super-Duty of the same container size. Part numbers for the new Super-Duty Gear Lubricant are:

C-92-52650-12

Case of 12 8-Oz. Tubes

\$12.00 U.S. List

C-92-52655-12

Case of 12 32-Oz. Cans

28.68 U.S. List

C-92-52645-1

One 25 Lb. Pail

18.00 U.S. List

B. MERCUISER 120 and 160 DRIVE UNIT IDENTIFICATION

(For General Information Section I)

Series B-1547-2763A drive shaft housing assembly for MerCruiser 120 and 160 Stern Drive units contains the reverse lock mechanism that is necessary for manual and Power Tilt systems. Series B-1547-3546A drive shaft housing assembly DOES NOT have the reverse lock mechanism and is used with Power Trim units only.

C. TRIM LIMIT MODIFICATION KIT - MerCruiser 200-225 Stern Drives

(For P. 86 of Miscellaneous Section X)

The new Trim Limit Modification Kit (B-54376A1) can be used on boats equipped with MerCruiser 200-225 Stern Drive Units where "trimming out" must be reduced for safety. Order from the following description:

B-54376A1 Trim Limit Modification Kit - MerCruiser 200-225

D. MERCUISER 200 and 225 (TRANSOM MOUNTED) SHIFT CABLE DIMENSIONS

(For P. 6B of Installation Section II)

MerCruiser 200 and 225 (transom mounted) drive units require a 7-3/4" (19.7cm) shift cable dimension in full forward gear for left hand rotation units (full reverse gear for right hand rotation units). This dimension is measured with the cable end guide pulled away from the brass barrel, thus, fully engaging gear and clutch. (Figure 2)

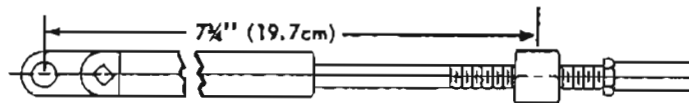


Figure 2. Center Line to Center Line Dimension 7-3/4" - Stern Drive Unit Shift Cable

E. WATER PUMP DAMAGE - New Plastic Water Pump

(For Drive Unit Section IX)

DO NOT RUN MerCruiser Stern Drives (or Mercury Outboards) out-of-water, or the new style plastic water pump housing and/or its impeller can become damaged.

Prior to starting engine, BE SURE that the engine and/or drive has sufficient cooling water. If run dry momentarily, water pump impellers char and/or vanes break off and the water pump insert rotates in the housing, thereby damaging pump housing.

If water pump housings and/or impellers are returned to the factory as described above, warranty will be rejected.