

- A. MerCruiser Shift Shaft Tool
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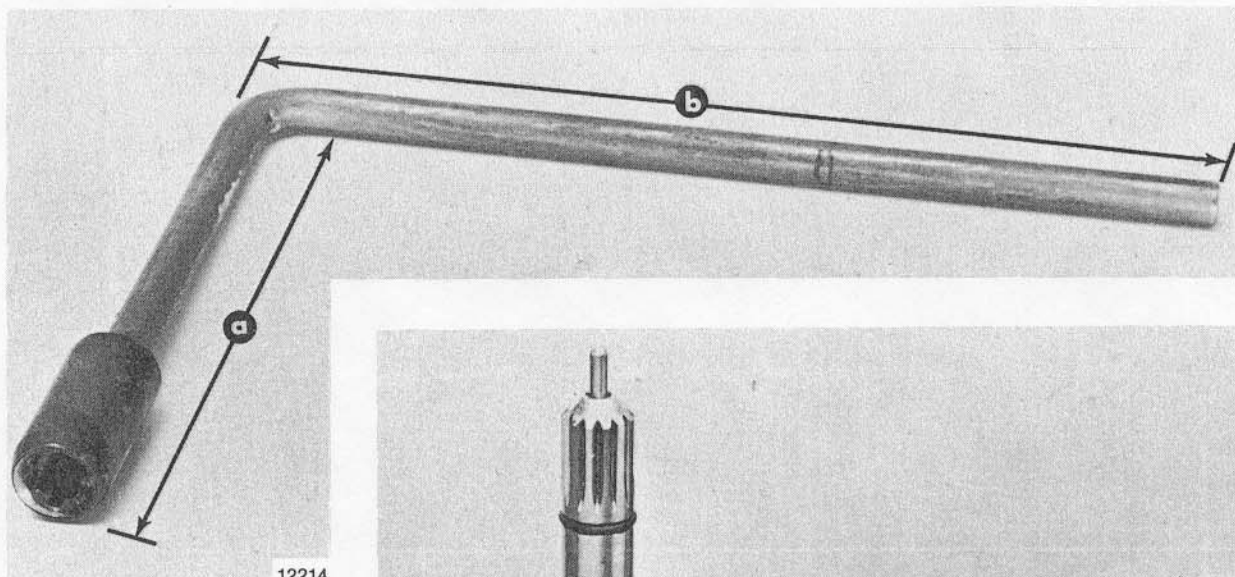
CIRCULATE TO:
SERVICE MANAGER
PARTS MANAGER
MECHANICS

A. MERCRUISER SHIFT SHAFT TOOL

(Attach Bulletin Reference Sticker to PP 6A-11 and 9B-1 of Your Service Manual.)

We have had requests from MerCruiser dealers to purchase parts needed to make a shift shaft tool, such as the one used in MerCruiser Service Schools.

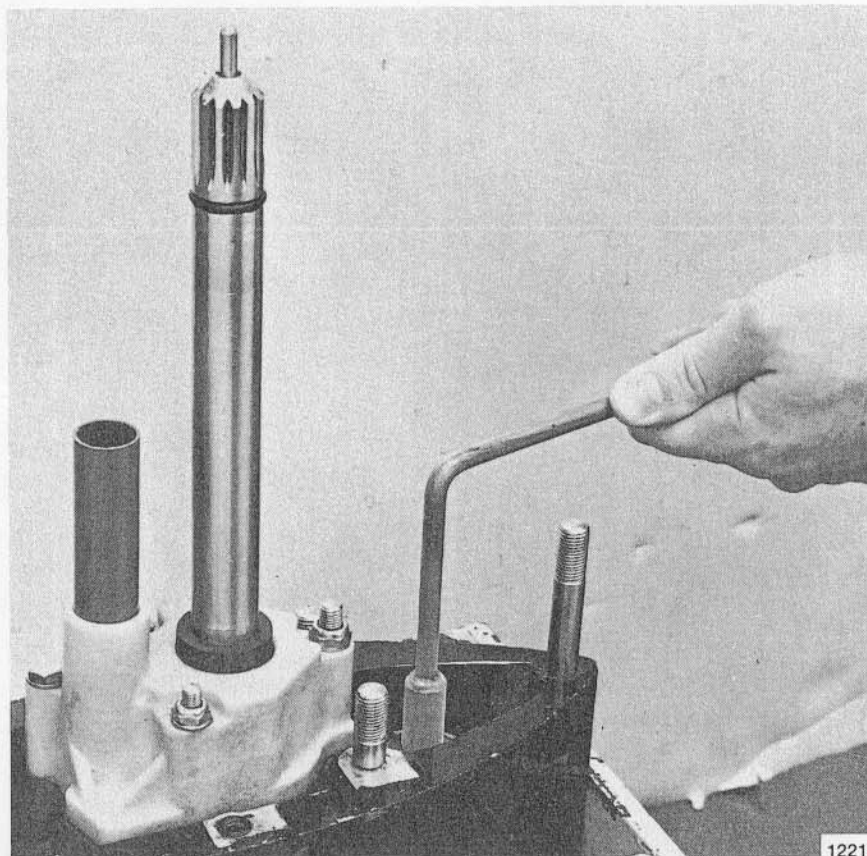
Shift Shaft C-75104A7 now is available to you and can be modified (as shown in Figure 1) to use when checking gear backlash in MerCruiser I gear housings. (Figure 2) Refer to MerCruiser Service Manual, Drive Unit Repair, Page 6A-11, for application.



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- a - Bend 90° at 4" (10.2cm)
Measurement from Splined
End
- b - Cut Shaft 6" (15.2cm) from
90° Bend

**Figure 1. Tool Modifi-
cation Dimensions**



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Figure 2. Tool Installed on Gear Housing Shift Shaft

B. PERIODIC INSPECTION RECOMMENDATIONS

(Attach Bulletin Reference Sticker to P. 1C-1 of Your Service Manual.)

It is recommended that all neoprene components (gas, water and hydraulic lines, exhaust, universal joint and shift cable bellows and drive belts) be inspected at least once each year. Replace neoprene components, if any signs of cracking or deterioration are visible.

C. MERCURISER TRS (CLEAVER) PROPELLER INSTALLATION

(Attach Bulletin Reference Sticker to P. 1A-12 of Your Service Manual.)

When installing TRS cleaver propellers on some TRS drives, the splines (located on inside diameter of belleville washer) may not engage with propeller shaft splines. It is essential, therefore, that all prop nuts be torqued to 55 ft. lbs. (7.6mkg) minimum, retorqued after first use and checked periodically (at least every 25 hours of operation) for tightness.

SAFETY WARNING: When installing or removing the propeller retaining nut, place a block of wood between the anti-cavitation plate and propeller to protect the hands from propeller blades.

SAFETY WARNING: To prevent accidental starting of the engine while checking propellers, be sure that the remote control is in neutral position and that the ignition key is removed from the switch.