



STERN DRIVES/INBOARD ENGINES

service bulletin

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- A. Rotary Trim Sender Wiring Harness Attaching Screws
- B. Spacer - Old Style Propeller Shaft to Thrust Hub
- C. MerCruiser TRS Propeller Installation
- D. Installation Instructions and Manuals

CIRCULATE TO:
SERVICE MANAGER
PARTS MANAGER
MECHANICS

A. ROTARY TRIM SENDER WIRING HARNESS ATTACHING SCREWS

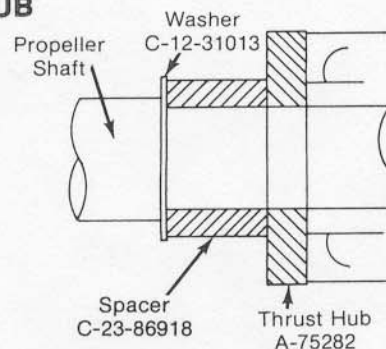
(Attach Bulletin Reference Sticker to P. 7A-14 of Your Service Manual)

When attaching wiring harness ring terminals to rotary trim sender, screws (C-10-63400, which accompany sender) **MUST** be used. **DO NOT** use screws removed from "dummy", for they are longer and of different thread size. If these longer screws are installed into sender, they will cause damage and may cause sender to be inoperable.

B. SPACER - OLD STYLE PROPELLER SHAFT TO THRUST HUB

(Attach Bulletin Reference Sticker to P. 2A-4 of Your Service Manual.)

Older style MerCruiser I Stern Drive (Serial No. 1684188 and below) propeller shafts had a square thrust hub shoulder, as compared to the tapered thrust hub shoulder on present MerCruisers. When installing a new style propeller, which uses thrust hub A-75282 on these models, it is necessary to install a spacer (C-23-86918). If all components (as illustrated, right) are not used, damage will occur.



C. MERCRUISER TRS PROPELLER INSTALLATION

(Attach Bulletin Reference Sticker to P. 2C-6 of Your Service Manual.)

Some MerCruiser TRS propellers will require the use of two (2) splined washers (C-12-39701) to ensure a proper fit onto propeller shaft. A proper fit exists when the propeller is seated on the propeller shaft tapered surface so that (1) the splined washers engage the propeller shaft splines and (2) the 2 splined washers compress fully without bottoming the flat washer on the end of the propeller shaft splines with propeller nut torque.

The (2) washers will be included in the propeller shipping carton, and a warning decal (see following) will be on the propeller. The propeller also can be identified by a "w" stamped into aft end of the prop, following the propeller pitch.

WARNING

TO BE PROPERLY SECURED, THIS PROPELLER REQUIRES THE USE OF (2) C-12-39701 SPLINED WASHERS AND (1) C-12-39698 FLAT WASHER. FAILURE TO COMPLY WILL RESULT IN A PROPELLER NOT PROPERLY SEATED ON THE PROPELLER SHAFT.

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The flat washer (C-12-39698) also will be used. Failure to comply will result in a propeller not properly seated on the propeller shaft, and the propeller, propeller shaft and/or gear housing may be damaged.

(OVER)

D. INSTALLATION INSTRUCTIONS and MANUALS

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

New accessory and component installation instructions and manuals, and those that are being reprinted, will contain maintenance and lubrication instructions, where applicable.

Maintenance and lubrication will be added to the end of the installation instructions and have the header "MAINTENANCE INSTRUCTIONS". Be sure that your service and installation personnel place installation instructions with the customer's "Operation and Maintenance Manual" or give the instructions personally to the customer.

Supplying maintenance and lubrication instructions for the accessory or assembly to customers will provide instructions necessary to properly maintain and service the unit.