



STERN DRIVES/INBOARD ENGINES

NUMBER: 81-19

DATE: 7/17/81

- A. New MerCruiser II-TRS Drive Propellers Available
- B. Alternator Rotor Installation Tool - MCM/MIE 470 and MCM 485

CIRCULATE TO:
SERVICE MANAGER
PARTS MANAGER
MECHANICS

A. NEW MERCUISER II-TRS DRIVE PROPELLERS AVAILABLE

On all MerCruiser II-TRS drive units which use the existing solid hub TRS steel cleaver propeller line, a NEW propeller line has been released. These propellers have a diffuser ring and a square propeller drive hub.

Use of the NEW propeller line on TRS drives requires the use of a front thrust hub, 92950. A front thrust hub was not used on the existing solid hub cleavers. The NEW thrust hub is packaged with propeller. Also a splined washer, 12-31211 and tab washer, 14-31210 (used on MerCruiser I Drive) MUST be used in place of the existing splined bevel washer and flat washer between propeller and propeller nut. The propeller nut is the only propeller attaching hardware that has remained the same as the existing solid hub cleaver. This information will be contained on a warning label attached to all future new design TRS cleaver propellers and their shipping carton.

For II-TRS drive packages with modified engines (high HP) or those used for competitive purposes, the existing solid hub II-TRS propeller line should be used. It is not recommended to mix new and old style cleavers on dual engine installations.

Hi-Performance trim tab C-46399A1 is still used with these propellers:

PROPELLER CROSS-REFERENCE CHART

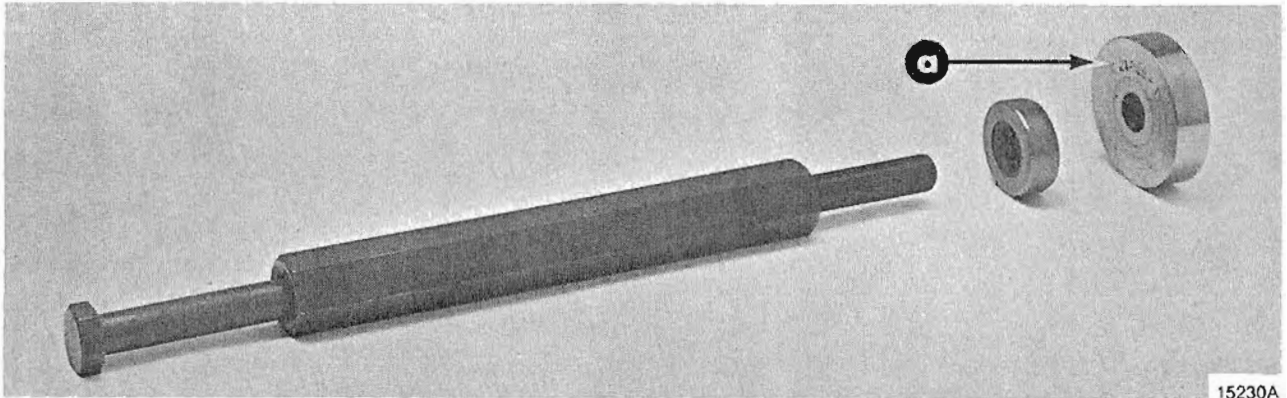
- 48-89799 used in place of 48-74597
- 48-89800 used in place of 48-74598
- 48-89801 used in place of 48-74599
- 48-89802 used in place of 48-74600
- 48-89803 used in place of 48-74601
- 48-89804 used in place of 48-74602
- 48-89805 used in place of 48-74603
- 48-89806 used in place of 48-74604

PROPELLER IDENTIFICATION CHART

DIAMETER	PITCH	NO. OF BLADES	MATERIAL	LH ROTATION PART NUMBER	RH ROTATION PART NUMBER
14-1/4"	25"	3	S. Steel	48-89805A 4	48-89806A 4
14-1/2"	23"	3	S. Steel	48-89803A 4	48-89804A 4
14-3/4"	21"	3	S. Steel	48-89801A 4	48-89802A 4
15"	19"	3	S. Steel	48-89799A 4	48-89800A 4

B. ALTERNATOR ROTOR INSTALLATION TOOL - MCM/MIE 470 and MCM 485

A new Alternator Rotor Installation Tool (J-21058-20) for the above model engines is available from Kent-Moore Tools, Inc. (Figure 1) The earlier tool did not have spacer ("a" in Figure 1) with it. To update earlier J-21058-20 Alternator Rotor Installation Tools, order J-21058-16 Spacer. Refer to Service Bulletin 81-5 for Kent-Moore Tool Company address.



a - Spacer J-21058-16

Figure 1. Alternator Rotor Installation Tool J-21058-20