SERVICE BULLETIN

merCruiser

Number: 77-11
Date : 8/1/77

CIRCULATE TO:	SERVICE MGR.	PARTS MGR.	MECHANICS	Place in Your "Service Bulletins" Binder

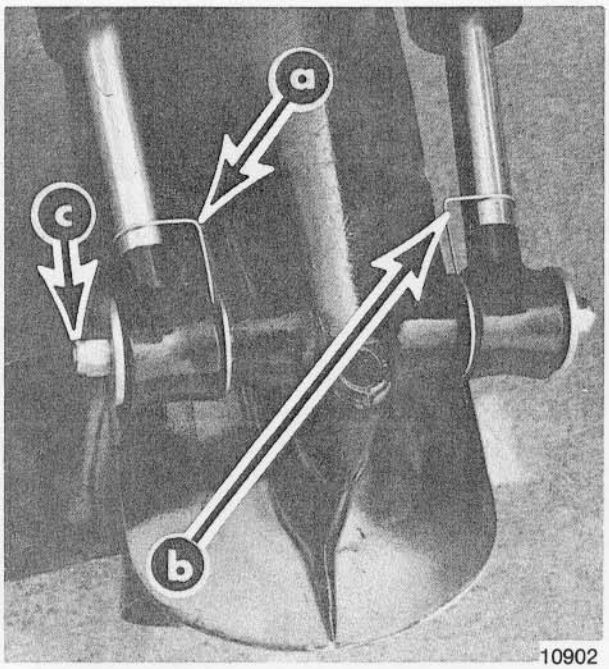
A. Continuity Spring Kit (B-24-79634A1)
B. New Propellers for MerCruiser 260

A. CONTINUITY SPRING KIT (B-24-79634A1)

(Attach Bulletin Reference Sticker to PP 7A-15 and 7A-17 of Your Service Manual.)

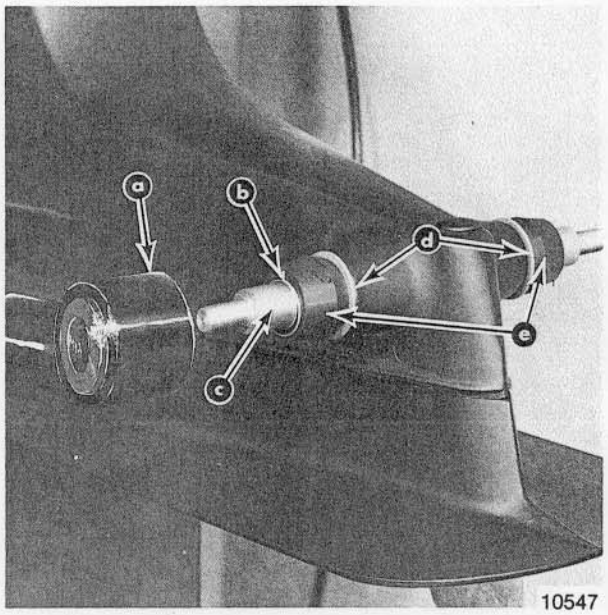
The Continuity Spring Kit (B-24-79634A1) (Figure 1) is a product improvement that is available now at a very slight cost.

This kit is recommended principally for use in salt water areas or areas in which corrosion of trim cylinders may be a problem. It contains 2 stainless steel continuity springs which will assure electrical continuity between drive unit and trim cylinders that have nylon coated rod ends. Continuity is necessary to avoid galvanic corrosion of the trim cylinder. Installation is simple and fast and instructions are included in the kit.



a - Continuity Spring (Port)
b - Continuity Spring (Starboard)
c - Nylon Coated Trim Cylinder Rod Ends

Figure 1. Continuity Spring Kit Installed



a - Pivot End
b - Spiral Spring
c - Aft Anchor Pin
d - Washers
e - Rubber Bushings

Figure 2. Spiral Spring Location

When the stock of trim cylinders (with nylon coated rod ends) is depleted, production will use a trim cylinder with an aluminum rod end which will utilize spiral springs (B-24-46312) (one each side), as shown in Figure 2. Continuity Spring Kit B-24-79634A1 will not be required on those cylinders.

DO NOT use spiral springs (B-24-46312) on cylinders with nylon coated rod ends, as they are not effective on that type trim cylinder.

(OVER)

B. NEW PROPELLERS for MERCRUISER 260

(Attach Bulletin Reference Sticker to P. 8-27 of Your Service Manual.)

A new line of props, with a large diameter and equipped with a heavy-duty shock-absorbing hub, has been released for the MerCruiser 260. It is important that only the new-style props be used on this model. Current props are not designed to handle the increased loads which, generally, will cause hub slippage.

Initially, we are requesting that orders be placed only for your immediate requirements. This should be based on the number of MerCruiser 260 models that you have on order. Mid-range pitches will be the first available, and we expect to have all pitches available by September 1, 1977. Prop recommendations for the MerCruiser 260 are shown, following:

MERCRUISER 260 PROPELLERS

1.50:1 GEAR RATIO **FULL THROTTLE OPERATING RANGE: 4200-4600 RPM**

Diameter	Pitch*	No. of Blades	Material	Approx. Boat Length	Approx. Gross Boat Weight (Lbs.)	Speed Range (MPH)	Propeller Part No.
14-1/2"	25"	3	Aluminum	Dual, Fast	Up to 3000	59-66	B-48-79580A4
13-1/2"	25"	3	S. Steel	Dual, Fast	Up to 3000	61-68	B-48-77402A4
15"	23"	3	Aluminum	Up to 17'	Up to 3200	53-61	B-48-79578A4
13-1/2"	23"	3	S. Steel	Up to 17'	Up to 3200	55-63	B-48-75058A4
15-1/4"	21"	3	Aluminum	17-19'	2100-2800	48-55	B-48-79576A4
13-3/4"	21"	3	S. Steel	17-19'	2100-2800	50-57	B-48-74268A4
15-1/2"	19"	3	Aluminum	18-21'	2600-3700	43-49	B-48-79574A4
14"	19"	3	S. Steel	18-21'	2600-3700	45-51	B-48-74266A4
15-3/4"	17"	3	Aluminum	19-23'	3100-4600	36-44	B-48-79572A4
16"	15"	3	Aluminum	22-27'	3700-5400	27-38	B-48-79570A4
16"	13"	3	Aluminum	26-32'	4400-6200	12-29	B-48-79568A4

** For Dual Engines, Use Prop 4" Higher in Pitch.*
(Metric Scale: 1" = 2.54cm; 1' = 30.5cm; 1 Lb. = .45kg; 1 MPH = 1.6km/hr.)

IMPORTANT: Propeller drive hub slippage will occur if propellers, other than those listed above, are used on MCM 260.