

CIRCULATE
TO:

SERVICE MGR.

PARTS MGR.

MECHANICS

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"Service Bulletins"
Binder

MERCUISER 280 II- TRS STEERING FIX

OFFICIAL NOTIFICATION UNDER the U.S. FEDERAL BOAT SAFETY ACT

Some MerCruiser 280 II-TRS Drive Units may experience premature wear on the gimbal ring splines which join the steering arm to the drive unit. If this condition exists, it will cause looseness, then possible steering failure. In salt water areas, the possibility of premature wear is increased.

A letter is being sent by Certified Mail to all registered owners of MerCruiser 280 II-TRS', requesting each to make an appointment for repair of the unit during the month of August. You also must contact your 280 II-TRS customers, advising them to bring their units to you for repair.

Try to anticipate the quantity of Gimbal Ring Kits (B-77011A2), that you may require, and place your order as soon as possible. This kit will include all parts necessary to remove and replace the gimbal ring assembly. Follow the basic repair procedures in Service Manual C-90-67795 and as outlined below.

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| I. REMOVE OUTDRIVE ASSEMBLY | SECTION 2C |
| II. REMOVE ENGINE ASSEMBLY | SECTION 2C |
| III. REMOVE TRANSOM PLATE ASSEMBLY | SECTION 2C |
| IV. REMOVE GIMBAL RING ASSEMBLY | SECTION 6B |

Exceptions

1. Remove universal joint bellows by cutting for faster removal. New bellows are included in the kit.
2. DO NOT remove exhaust bellows from bell housing. Gimbal ring can be removed with bell housing and exhaust bellows in place.

V. REINSTALL GIMBAL RING and UNIVERSAL JOINT BELLOWS

Important

1. Coat upper swivel shaft large diameter splines with Anti-Corrosion Grease (C-92-74048).
2. Torque upper swivel shaft allen head screw (pipe plug) to 40 to 45 ft. lbs. (5.5 to 6.2mkg).
3. Torque upper swivel pin screw to 45 to 50 ft. lbs. (6.2 to 6.9mkg).

(OVER)

4. Before reassembly of the bell housing, complete the following:
 - a. Clean out bell housing hinge pin holes with a 5/8-18 tap to remove old Loctite. Spray with Locquic Primer "T" (C-92-59327-1).
 - b. Remove old Loctite on hinge pins with a wire brush, prime with Locquic Primer "T" and apply current Loctite No. 35 (C-92-59328-1) to threads.

VI. COMPLETE the REASSEMBLY

Following instructions in Service Manual in sections listed previously and follow all torque and follow all torque and lubrication specifications shown in Section 8.

Order one (1) each Gimbal Ring Kit (C-77011A2) for each MerCruiser 280 II-TRS to be repaired.

Submit warranty claims thru your local Branch or Distributor for each unit repaired. Credit will be issued for new Gimbal Ring Kit plus 8.0 hours labor upon return of claims and old gimbal ring.

B-77011A2
C-92-59327-1
C-92-59328-1

Gimbal Ring Kit
Locquic Primer "T"
Loctite No. 35