

SERVICE BULLETIN

MERCURUISER

STERN DRIVES and ENGINES

Number: 76-8

Date : 3/5/76



CIRCULATE TO:	SERVICE MGR.	PARTS MGR.	MECHANICS	Place in Your "Service Bulletins" Binder
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A. PERIODIC INSPECTION RECOMMENDATIONS

(Attach Bulletin Reference Sticker to PP 1A-6 and 1A-13 of Your Service Manual.)

It is recommended that all neoprene components (such as 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.

B. DRIVE UNIT 20-HOUR CHECKUP

(Attach Bulletin Reference Sticker to P. 1A-2 of Your Service Manual.)

At the time that the 20-Hour Checkup is performed, Mercury Marine recommends that the drive unit oil level BE CHECKED and, if low, LUBRICANT BE ADDED to obtain proper level.

ONLY Super-Duty Quicksilver Gear Lubricant is recommended for use in MerCruiser Stern Drive Units. Most other lubricants do not provide for adequate lubrication of the gears.

Some other drive unit manufacturers, such as OMC, recommend changing drive unit gear lube at the time of the 10-Hour Checkup. This is NOT RECOMMENDED OR NECESSARY on MerCruiser Stern Drive Units.


C. CUSTOMER SERVICE STICKER ("MAINTENANCE PERFORMED")

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

Customers appreciate a check-off list of services that you perform for them on a tuneup, checkup, etc. The old-style service stickers went fast, and we now have a NEW, 2-color sticker (shown right, actual 2-1/8x3 1/2" size) that should move even faster. Order yours today from your factory branch or distributor.

C-90-55589 Service Maintenance Sticker
(Pack of 250)

SERVICED BY


DATE

SERVICE MAINTENANCE PERFORMED

<input type="checkbox"/> Clean Fuel Filters	<input type="checkbox"/> Check Electrical Connections	<input type="checkbox"/> Check Power Trim Oil
<input type="checkbox"/> Check Fuel Tank	<input type="checkbox"/> Adjust Control Cable	<input type="checkbox"/> Tighten Nuts and Bolts
<input type="checkbox"/> Check Water Pump Impeller	<input type="checkbox"/> Check Drive Unit Lubricant	<input type="checkbox"/> Check Propeller
<input type="checkbox"/> Adjust Breaker Points	<input type="checkbox"/> Lubricate Control Linkage	<input type="checkbox"/> Check Water Hoses
<input type="checkbox"/> Check Spark Plugs	<input type="checkbox"/> Lubricate Swivel/Hinge Pin and Reverse Lock Lever	<input type="checkbox"/> Check Drive Belt(s)
<input type="checkbox"/> Adjust Ignition Timing/Dwell	<input type="checkbox"/> Lubricate Propeller Shaft	<input type="checkbox"/> Adjust Valves
<input type="checkbox"/> Check Alternator Output	<input type="checkbox"/> Change Oil	<input type="checkbox"/> Torque Cylinder Head
<input type="checkbox"/> Check Battery Condition	<input type="checkbox"/> Oil Filter	

C-90-55589 (R1-76)

D. SHIMMING MCM 470 DRIVE UNIT

(Attach Bulletin Reference Sticker to Section 6A Index Page of Your Service Manual.)

Use shimming tool position "Y" of Shimming Tools C-91-60526 and C-91-60523 for shimming drive shaft housing gears on the MCM 470 drive unit. Shim gears to attain .025" (.635mm) clearance between the gear and shimming tool. MCM 470 gear ratio is 1.84:1 (17:19 teeth).

(OVER)

E. AUXILIARY HOT WATER HEATER RETURN KIT

(Attach Bulletin Reference Sticker to Section 7D Index Page of Your Service Manual.)

The Auxiliary Hot Water Return Kit (B-74567A1) has a "T" fitting, hose clamps and installation instructions but does not include heater and hoses. Order one kit per engine.

B-74567A1

Auxiliary Hot Water Heater Return Kit

F. NEW QUICKSILVER ANTI-CORROSION GREASE (C-92-74048)

(Attach Bulletin Reference Sticker to P. 9A-9 of Your Service Manual.)

A new, improved Anti-Corrosion Grease (C-92-74048) now is available.

C-92-74048-12

Anti-Corrosion Grease, Case of 12 8-Oz. (227g) Tubes

G. VELVET DRIVE SERVICE MANUALS

(Attach Bulletin Reference Sticker to P. 6D-1 of Your Service Manual.)

MerCruiser Inboard Engines are equipped with Warner Gear Velvet Drives (transmissions). Service Manuals can be obtained from Warner Gear for its Series 70C, 71C, 72C, 73C, CR2 and "V" drive transmissions by ordering the following:

Velvet Drive Service Manual Set, Complete \$9.95

Order this Service Manual Set direct from:

Warner Gear
Marketing Communications
P.O. Box 2688
Muncie, IN 47302

Service replacement parts and transmissions are available thru your MerCruiser Branch or Distributor.