



STERN DRIVES/INBOARD ENGINES

service bulletin

NUMBER: 80-2

DATE: 11/15/79

CIRCULATE TO:
SERVICE MANAGER
PARTS MANAGER
MECHANICS

- A. MerCruiser 120-thru-260 Reverse Gear Lash Change
- B. Drive Unit Gear Replacement Break-In
- C. 2-4-C Lubricant

A. MERCRUISER 120-thru-260 REVERSE GEAR LASH CHANGE

(Attach Bulletin Reference Sticker to P. 6A-11 of Your Service Manual.)

The gear lash on the MerCruiser 120-thru-260 reverse gear has been changed from .020"-.025" to .040"-.060" (0.51mm-0.64mm to 1.02mm-1.52mm) for service. Be sure to change the specification on Page 6A-11 of your Service Manual.

B. DRIVE UNIT GEAR REPLACEMENT BREAK-IN

(Attach Bulletin Reference Sticker to Section 6, "Table of Contents" Page in Your Service Manual.)

It is recommended that, whenever drive unit gears, gear housing assembly complete, drive shaft housing assembly complete or drive unit assembly complete are replaced, a "10 hour break-in period" be followed. This procedure will greatly enhance the durability of the drive unit.

Drive Unit 10 Hour Break-In Period:

1. Avoid full throttle starts.
2. DO NOT operate at any one constant speed for extended periods.
3. DO NOT exceed 75% of the full throttle during the first 5 hours. During the next 5 hours, operate at intermittent full throttle.

C. 2-4-C LUBRICANT

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

Our 2-4-C Lubricant is equivalent to and is completely compatible and interchangeable with the currently used Universal Joint Lubricant. The 2-4-C and/or Universal Joint Lubricant **MUST BE USED** whenever installing or servicing MerCruiser stern drive units, transom plate assemblies and/or engine couplers. Exceptions to this are the Power Steering extension rod and exposed portion of a fully extended steering cable which use Special Lubricant 101.

The following chart shows the new part numbers and its superseded (Universal Joint Lubricant) number. A corresponding change will be made in all Installation Manuals, Operation and Maintenance Manuals and Service Manuals at the next printing.

(OVER)

Description	Universal Joint Lubricant	2-4-C Lubricant
Cartridge Lube Gun with Three 3-Oz. Cartridges	C-91-74057A1	C-91-74057A2
Refill Pack of Three 3-Oz. Cartridges	C-92-74058A1	C-92-86154A1
NEW Pack of Four 14-Oz. Cartridges (Fits Standard Grease Guns)	-----	C-92-90622A1
<p align="center"><i>NOTE: The New 2-4-C Lubricant Part Numbers Will Supersede the Universal Joint Lubricant Part Numbers.</i></p>		