Hi-Performance MARINER OUTBOARDS

MERCURY PERFORMANCE OUTBOARDS

service bulletin

No. 93-1

CLE Gearcase Changes

Models: MHP Mercury and Mariner 2.5 Outboards

START OF CHANGE: S/N D181341 AND ABOVE

A. Starting with the above serial number, all MHP 2.5 outboards are being assembled with a four (4) hole water inlet gearcase. This change was made to help improve water flow characteristics. The two (2) and four (4) hole gear housings and complete gearcases are interchangeable.

B. All four hole water inlet gear housings are set up to accept a .750" (19mm) water tube (versus the .500" (13mm) water tube used in the past) and all outboards produced after the above S/N will have a .750" (19mm) water tube installed.

NOTE: All new service gear housing assemblies will be shipped with both size water pump housings.

C. An internal change was made to **right hand rotation** four hole gearcases. A thrust washer has been added between the propeller shaft clutch splines and the reverse gear. This will reduce wear in this area, especially in offshore applications. Anyone wanting to update an earlier gearcase can order the following kit part numbers which supply all the parts required to make the change.

IMPORTANT: Individual parts in the following kits are not interchangeable with earlier S/N gearcases. The propshaft, reverse gear and thrust ring must be replaced as an assembly in gearcases preceding S/N D181341.

RATIO	PART NUMBER
1.87:1	44-822820A-1
2.00:1	44-822820A-2

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