OUTBOARDS Service buildin

NUMBER: 82-12

A. Magneto/Distributor Caps and Covers - Older 4 Cyl. and 6 Cyl. Models

- B. Fuel/Oil Ratio Merc Outboards 25 HP and <u>Below</u>
- C. New Gear Housing Cover Tool ⁻ Merc 4.5/7.5/9.8

CIRCULATETO: SERVICE MANAGER D PARTS MANAGER D MECHANICS "Place in a Service Bulletin Binder"

A. MAGNETO/DISTRIBUTOR CAPS AND COVERS - OLDER 4 CYL. AND 6 CYL. MODELS

Magneto/distributor caps and covers for older 4 and 6 cylinder outboards with magneto/ distributor type ignitions are now being made of a GRAY plastic material (previously red, blue or tan colored material). The newer GRAY caps and covers, individually, are not compatible with the other colors. Both the cap and cover must be replaced as a set. **Example:** If a distributor cap requires replacement and the original cap and cover were blue - both the cap and the cover must be replaced. (Part numbers were not changed when colors changed.)

B. FUEL/OIL RATIO * MERC OUTBOARDS 25 HP AND BELOW

Reminder---Since the 1978model year, Merc Outboards 25 HP and BELOW HAVE NOT required the use of a double oil mixture for the break-in period. (Note the following excerpt from one of the Operation and Maintenance Manuals.)

FUEL MIXTURE



	U.S. Measure	Imperial Measure	Metric Measure
Formula 50-D	12 U.S. oz to each 5 gallons of gasoline	15 imp. o zto each 5 imp. gallons gasoline	400cc to each 20 liters of gasoline
Other Acceptable Oils	Use at manufacturer's recommended gasoline/oil ratio, not to exceed 50:1.		

IMPORTANT Using less than the recommended proportion of oil may result in very serious motor damage from lack of sufficient lubrication. Using more than the recommendations will cause spark plug fouling, erratic carburetion, excessive smoking and faster-than-normal carbon accumulation.

C. NEW GEAR HOUSING COVER TOOL - MERC 4.5/7.5/9.8

Now available, a new cover tool (91-99222) for removal/installation of the gear housing cover on Merc 4.5/7.5/9.8 models. While this new tool has been designed specifically for a better fit with the newer <u>plastic</u> gear housing cover, it also works equally well with the older aluminum cover.

NOTE: 91-99222 cover tool supersedes 91-48830 cover tool.

91-99222 Tool-Gear Housing Cover