



CIRCULATE TO:	SERVICE MGR.	PARTS MGR.	MECHANICS	Place in Your "Service Bulletins" Binder
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- A. Shift Inter-lock Adjustment * Merc 500M and 402M
- B. "Sealed" Batteries
- C. Recommended RPM * Merc 1750
- D. Flushing and Test Tank Operation * 1976 Merc 1500XS and 850XS

A. SHIFT INTER-LOCK ADJUSTMENT - Merc 500M and 402M

(Attach Service Bulletin Sticker to P. 3 A 4 of Your Service Manual.)

Merc 500M and 402M incorporate a shift inter-lock which allows the rewind starter to operate in neutral position only. Installation of a remote control assembly or an auxiliary steering handle, therefore, requires shift inter-lock adjustment.

After installing the shift cable (shift rod on auxiliary handle) and before throttle cable installation, remove the top cowl and adjust the shift inter-lock as shown in Figure 1.

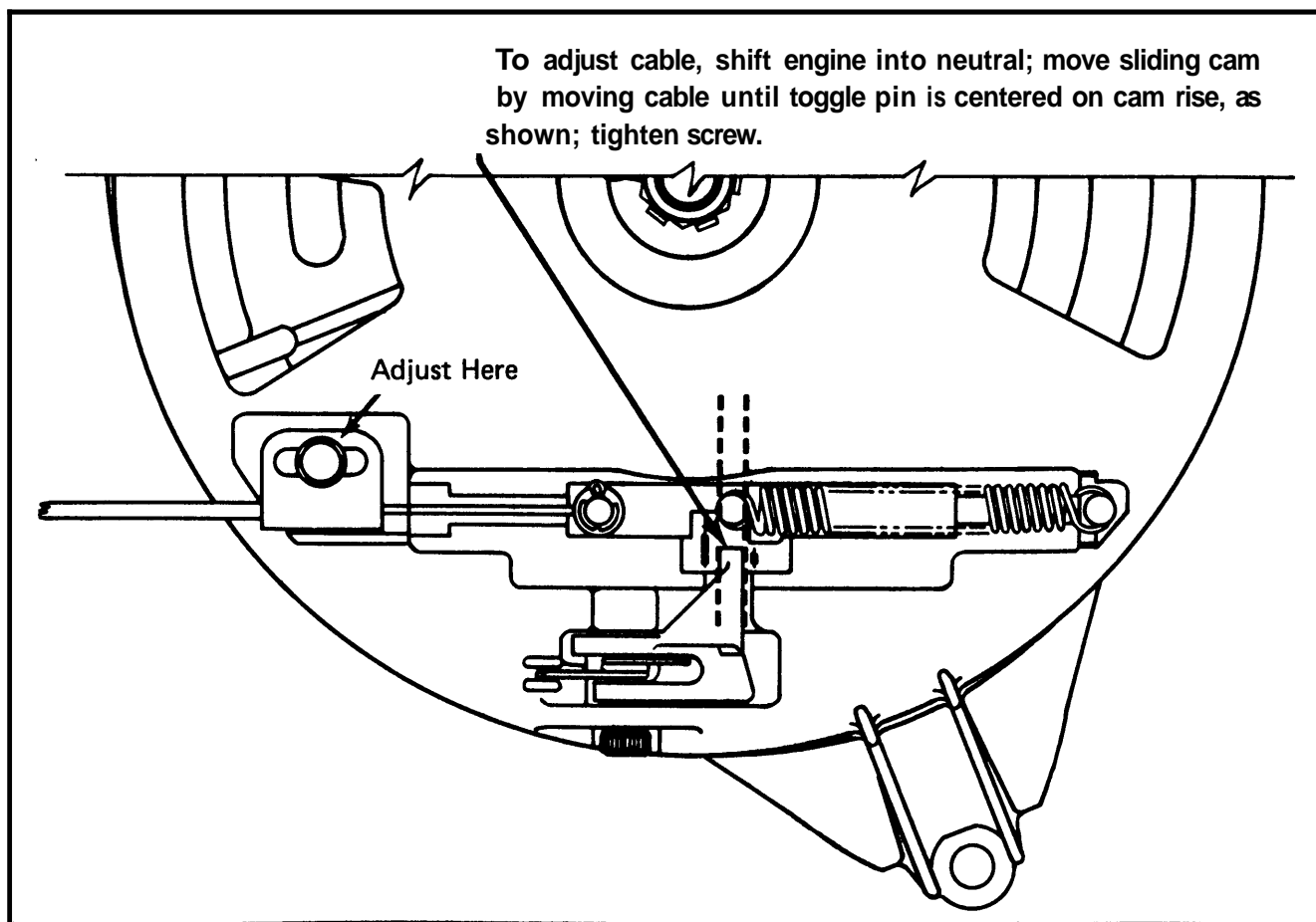


Figure 1. Cable Adjustment

B. "SEALED" BATTERIES

The new, "sealed" type batteries, introduced recently on the market, are not recommended for use with unregulated charging systems, such as used on Mercury Outboards. Under continuous high speed operation conditions, the unregulated system can overcharge the battery, resulting in "boiling" or gas discharge. This results in a loss of electrolyte which cannot be added to this type of battery. The battery then is rendered useless.

In addition, one manufacturer of the "sealed" battery does not recommend its use in "deep cycling" applications. This means that the "sealed" battery should not be used in applications which involve continuous discharging and recharging.

C. RECOMMENDED RPM - Merc 1750

(Attach Service Bulletin Sticker to Section 8 Index of Your Service Manwl.)

The "Operation and Maintenance Manual", Outboard Accessories Catalog and other previously printed material list the Merc 1750RPM range as 4800 to 5500. The top end now has been raised to 5800 maximum RPM. This higher RPM, however, should be used only on lighter, faster boats - above 40 MPH type boats.

D. FLUSHING and TEST TANK OPERATION - 1976 Merc 1500XS and 850XS

(Attach Service Bulletin Sticker to P. IA-2 of Your Service Manual.)

Model 1976 Merc 1500XS and 850XS short shaft outboards have the water pickup located in the lower torpedo area of the gear housing. Use Flushing Device C-48755A1 to fresh water flush these outboards. **DO NOT RUN ENGINE** on this flush device. If it should become necessary to operate the Merc **1500XS** or 850XS in a test tank, **DO NOT** operate at full throttle. Operation at full throttle could cause air entrapment in the tank and cause engine to overheat.