



CIRCULATE TO:	SERVICE MGR.	PARTS MGR.	MECHANICS	Place in Your "Service Bulletins" Binder
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CARBURETORS USED on 1977 MERC 402-700-850-1150 and 1500 MODELS

(Attach Service Bulletin Sticker to PP SB-3 and 5B-11 of Your Service Manual.)

A recent material change in the throttle shaft return spring may be cause for breakage of the spring on some 1977 model Mercury Outboards (listed above). The consequence of one or more springs breaking is related to an increase in engine idle speed in gear. This condition can create difficulty in controlling boat speed during docking maneuvers.

Immediately report any instance, where broken throttle shaft return springs are found, to your branch or distributor service manager. It is essential that model and serial numbers be obtained and recorded.

Carburetor repair kits for 6-cylinder engines contain 3 throttle plate return springs. One spring is made from 0.034" (0.86mm) diameter wire; 2 are from 0.026" (0.66mm) diameter wire. The 0.034" diameter wire spring (strongest) should be fitted to the top carburetor for 6-cylinder engines. In all engines that use more than one spring, the strongest spring should be fitted to the top carburetor. If a spring is reported broken on any carburetor, replace springs on all carburetors.

Springs normally are not sold separately but are a part of the carburetor repair kit listed in the parts list for each model. At this time, however, they will be made available under the following part numbers. Replacement time for each carburetor throttle shaft return spring will be .5 hrs.

C-1395-6546 Throttle Return Spring - Lower (.026")

C-1395-6547 Throttle Return Spring - Top (.034")