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MECHANICS

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Binder

## MERC 1750 RELIEF VALVE POPPET SPRING And CARBURETOR JET REPLACEMENT

*(Attach Service Bulletin Sticker to PP. 6E-16 and 9A-3 of Your Service Manual.)*

All Merc 1750 Outboards below Serial No. 4732840 MUST BE reworked to replace the relief valve poppet spring and No. 5 carburetor main fuel jet.

The lower force of the relief valve poppet spring reduces actuating pressure to allow earlier full coolant flow thru the powerhead to improve low speed (1200-1800 RPM) cooling and tolerance to a worn or degraded water pump impeller. Increasing the No. 5 carburetor main jet to .0785 improves piston cooling at part throttle and wide-open throttle.

In addition, Merc 1750's should have the correct propeller installed to obtain 5600-5800 RPM under normal operating conditions. Incorrect propellers (too high pitch) will load the engine and result in lower operating RPM that may tend to cause detonation with subsequent piston damage.

Customers will be notified by mail to make an appointment with a Mercury Dealer to have the spring and main jet replaced.

After the above rework is completed, place a white paint dot [approx. 1/2"(12.7mm) dia.] on the poppet valve cover for future identification. Dealers will be allowed .7 hrs. warranty labor for each rework. More than one rework can be included on one warranty claim, provided that all serial numbers are listed. Rework replacement parts are:

Quan.	Part No.	Description
1	A-1399-3520	Carburetor Main Jet (.0785)
1	A-24-64878	Relief Valve Poppet Spring
2	A-27-67624	Relief Valve Plate Gasket

Order a quantity of the above parts from your Branch/Distributor and be prepared to accommodate our customers.