

TO: SERVICE MANAGER TECHNICIANS
PARTS MANAGER

No. 90-16

Timing and Maximum RPM Changes

Model

MCM 502 Magnum Stern Drive Engines

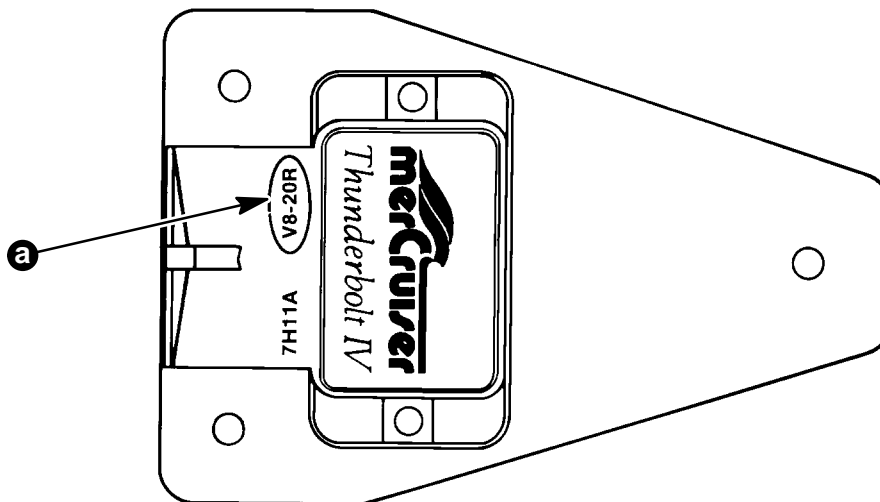
Serial Number: OD393937 and below

Problem

Engines built below the serial number shown may have the wrong ignition amplifier installed on them, incorrect timing and as a result be propped at the wrong maximum RPM.

Correction

Look at amplifier to see if it is the correct one.



Correct amplifier will have V8-20R at (a). Incorrect will have V8-22B.

Retime engine to 8° BTDC. Reprop engine to run between 4600-5000 RPM.

Specification Decal on Engine

Please make 12° BTDC timing and 4400-4800 RPM on decal unreadable.

Operation and Maintenance Manual

Change 4400-4800 Max. RPM at WOT on page 24 to 4600-5000 RPM. Change 12° BTDC timing at idle RPM on page 25 to 8° BTDC. Or order a new manual for your customer.

Parts Required

Ignition Amplifier: 817509T

Operation and Maintenance Manual (if required): 90-13230903

Warranty

Fill out warranty claim. Send claim and V8-22B amplifier to your normal warranty processing center.

Warranty Code: MI 15

Labor: 0.30 hrs.