Hi-Performance MARINER OUTBOARDS

MERCURY PERFORMANCE OUTBOARDS

service bulletin

No. 91-5

Revision 9/91

Cylinder Head Change on MHP 2.5L Outboards

MODELS

MHP 2.5 Carb/2.5 EFI/2.5 EFI Offshore

CHANGES

A running change on combustion chamber size was made to 1991 Hi-Performance Outboards. The first run of carbureted engines were built with 42 cc heads. The first run of EFI and EFI Offshore engines were built with 38 cc heads. The next run of 2.5 Carb engines will also be produced with 38 cc heads.

PART NUMBERS

42 cc Heads 18488--3

38 cc Heads (First Run) 18488--3 with .050” (1.27 mm) removed from the surface.

38 cc Heads (Next Run) 18789--3

EXPLANATION

A slight performance increase was found by changing to 38 cc cylinder heads. Because of this all EFI models were produced with 42 cc heads which have .050” (1.27 mm) removed from the gasket surface. As these machined heads are used up they will be replaced with 18789--3 (38 cc heads) which need no machining. Engines with 38 cc heads will still run fine on 86 average octane fuel. If an owner of an early 2.5 Carb engine wants to remove .050” (1.27 mm) from their 42 cc heads, this is acceptable. Because this is a running change the customer will have to pick up the expenses for labor or machining.

The machined cylinder heads can be identified with 050 stamped on the top of the head.

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