MERCURY Bacing Service bulletin

MERCRUISER HI-PERFORMANCE SERIES

No. 99-9

WARRANTY INFORMATION

SERVICE INFORMATION

Factory Tamper Proof Seals on MerCruiser Hi-Performance Series Engines

Models Affected

HP 500C, HP 500EFI, HP 500Bulldog, HP 600SC & HP 900SC

Purpose of Seals

The tamper proof seals are installed at the factory on complete and partial engines to ensure the integrity of the internal components and to avoid providing warranty on engines that have been modified internally or with external components such as superchargers. The seals also give immediate verification of possible repairs during the warranty period. Please note that the 900 SC has **no seal** on the crankshaft blower pulley but there is a seal on the ignition module.

Tamper Proof Seal Location

| Models | 500C | 500EFI | 500 Bulldog | 600SC | 900SC |
|------------------------------------|------------------|-------------------|------------------|------------------|------------------|
| Crankshaft Seal | yes | yes | yes | yes | no |
| Intake Manifold Seal & Location | yes Port/Rear | yes Port/Front | yes Port/Rear | yes Port/Rear | yes Port/Rear |
| Ignition Module Seal | no | no | no | no | yes |

Removing Seals on Engines During the Warranty Period

In the event of a component failure during the warranty period that requires seal removal, use the following criteria to maintain warranty coverage.

- Only authorized MerCruiser dealers or authorized MerCruiser repair facilities can remove the tamper proof seals.
- Call the Mercury Racing Service Department with the engine serial number and inform the technician which seals need to be removed for diagnosis and repair. This information will be entered under the engine serial number for future reference.

Missing Seals On Engines In the Warranty Period

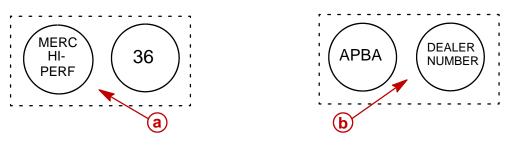
Call the Mercury Racing Service Department to verify previous repairs before servicing the product.

Seal Inspection

For the pre-delivery inspection or any service work done during the factory warranty period, always confirm that all tamper proof seals are intact. If not, call the Mercury Racing Service Department.

American Power Boat Association (APBA) Factory Racing Class Seals

The American Power Boat Association (APBA) sanctions a factory racing class that uses the HP 500C and the HP 500EFI as the power source. These engines have special **dealer installed** APBA seals in addition to the factory seals. Any engine displaying an APBA seal has no warranty.



- a Factory Installed Seal
- **b** Dealer Installed APBA Seal

IMPORTANT: All dealers certified by the APBA to install factory race seals should report the engine serial number to Mercury Racing. Phone: 920-924-2088 Fax; 920-926-7015