



**SERVICE
REPLACEMENT
PARTS**

CIRCULATE TO:
SERVICE MANAGER
PARTS MANAGER
MECHANICS
"Place In a Service
Bulletin Binder"

A. U.S. COAST GUARD REGULATIONS

The following Warning has been incorporated into those MerCruiser Parts Lists, Service Manuals and Operation & Maintenance Manuals which are affected by these regulations:

REPLACEMENT PARTS

WARNING

Electrical, Ignition and fuel system components on MerCruiser Engines and Stern Drives are designed and manufactured to comply with U.S. Coast Guard Rules and Regulations to minimize risks of fire or explosion.

Use of replacement electrical, ignition or fuel system components, which do not comply to these rules and regulations, could result in a fire or explosion hazard and should be avoided.

When servicing the electrical, ignition and fuel systems, it is extremely important that all components are properly installed and tightened. If not, any electrical or ignition component opening would permit sparks to ignite fuel vapors from fuel system leaks, if they existed.

B. AUTOMOTIVE TYPE PARTS

When four-cycle, automotive-type engine blocks are used for marine applications, such as MerCruiser Marine Engines, various changes are made during production of the basic block.

Since marine engines are subjected to extended periods of wide-open-throttle operation and are operated in both fresh and salt waters, numerous special parts are required. These parts have specifications quite different from those of the standard automotive engine. Therefore, care should be exercised when replacing these parts.

For example, one of the most important, and probably the least suspected special replacement parts, is the cylinder head gasket. Since salt water is highly corrosive, the steel-type automotive head gasket cannot be used. Head gaskets, which are required for marine engines, use a special copper-coating or a stainless steel which resist this corrosive action. If a steel head gasket were installed, it would corrode through within a very short period of time, thus allowing water to enter the engine.

Another example is the cylinder block and cylinder heads which have special brass expansion plugs installed instead of the common steel expansion plugs used in automotive engines. The steel plugs soon would rust out in marine use and cause loss of cooling water and possible engine damage.

Since marine engines must be capable of running at or near maximum RPM much of the time, special valve springs, valve lifters, pistons, bearings, cam shafts and other heavy-duty moving parts are required for long life and peak performance. Automobile engines are rarely operated at high RPM for any length of time and, therefore, do not require these special heavy-duty components.

These are but a few of the many special modifications that are required in MerCruiser Marine Engines to provide long life and dependable performance. Although automotive parts might look like the original MerCruiser part, they often are completely unsatisfactory. Mercury Marine's distribution centers carry a stock of genuine MerCruiser Marine Engine Parts.

We have found that some dealers have purchased items from vendors as substitutes for Quicksilver parts. These purchased parts may be similar in appearance to the genuine Quicksilver item but all too often the part is not to the same specifications and does not fit properly or provide the life that the genuine Quicksilver Replacement Part would have. This results in a come-back on the repair job and customer dissatisfaction. Any additional profits, which may have been gained by using a substitute part, are soon lost.

Finally, the MerCruiser Warranty applies only to Quicksilver parts - not to parts which are distributed by others. Any damage, that results from use of other than Quicksilver parts, will not be covered by the Mercury Marine Warranty.

Quicksilver Replacement Parts have a warranty that covers them from defects in material or workmanship. It also provides the dealer with warranty labor reimbursement, should the part fail due to the preceding. The warranty follows:

LIMITED WARRANTY

QUICKSILVER PARTS and ACCESSORIES

- A. Mercury Marine warrants each new or factory-rebuilt Quicksilver Part and Accessory manufactured or sold by it to be free from defects in material and workmanship.
- B. The warranty shall remain in effect for a period of one year from the date of purchase except for those parts and accessories used with or on high performance equipment, which are warranted for 90 days from the date of purchase.
- C. The warranty will not include installation errors made by an individual, the servicing dealer and/or his mechanic. Mercury Marine will also replace other parts and/or accessories of its manufacture which are damaged as a result of the failure of any new or factory-rebuilt Quicksilver Part or Accessory during the warranty period.
- D. Each new Quicksilver MerCathode Anti-Corrosion System (hereafter referred to as System) is designed to provide adequate protection against galvanic action caused by the immersion in water of dissimilar metals used in the construction of the boat or propulsion device. The immersion of metals, other than these propulsion device components, can result in excessive galvanic action; therefore, Mercury Marine is not responsible for any consequential damage caused by excessive galvanic action which exceeds the protection capacity of the System, even though the System is functioning properly.
- E. Claim shall be made under this warranty by delivering the part or accessory for inspection to a Mercury Marine dealer authorized to service the Purchaser's Product. The Purchaser must provide a valid invoice listing the part and/or accessory showing date of purchase from one of its authorized dealers.
- F. All incidental and/or consequential damages are excluded from this warranty. Warranties of merchantability and fitness are excluded from this warranty. Implied warranties are limited to the life of this warranty. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other legal rights which vary from state to state.

MERCURY MARINE
A BRUNSWICK COMPANY

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