

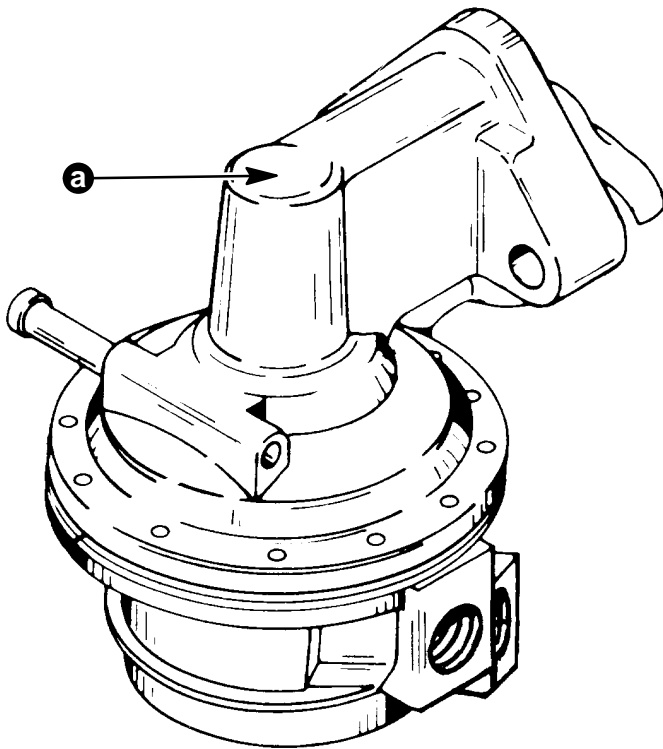
TO: SERVICE MANAGER TECHNICIANS
PARTS MANAGER

No. 87-6

Fuel Pump Leakage on MCM/ MIE V-8 Engines

Official Notification Under the U.S. Federal Boat Safety Act

MerCruiser has determined that a possibility of a fuel leak exists on MCM/MIE V-8 engines equipped with fuel pumps stamped with date codes 2376 thru 2656. The date code can be located on the top of the fuel pump in the area shown in Figure 1.



a - Look in This Area for Date Code

Figure 1. Fuel Pump Date Code Location

Engines equipped with the described fuel pumps were manufactured between August 1986 and December 1986. Engines in the following serial no. brackets must have the fuel pump inspected.

MCM 200	B521777 thru B603261
MCM 230	B520732 thru B603575
MCM 260	B520670 thru B604906
350 Magnum	B530604 thru B605599
MCM 330 B/W	B522917 thru B584172
454 Magnum	B490304 thru B606318
MIE 230	B522459 thru B606463
MIE 260	B522553 thru B606523
MIE 340	B482485 thru B584726
MCM 230 TR	B517366 thru B517367
MCM 260 TR	B517388 thru B517395
MMC 370	B405555 thru B518009
MCM 420	A399005 thru A399412
5.7L Comp. Ski	B514626 thru B622218

If the fuel pump has a date code that falls between 2376 thru 2656 it must be replaced. Failure to do so may cause a fire and/or explosion. Part nos. for replacement fuel pump are as follows:

305/350 CID (5.0/5.7L) Engines	97401A2
454 CID (7.4L) Engines	97399A2

⚠ WARNING

Be careful when changing fuel system components; gasoline is extremely flammable and highly explosive under certain conditions. Be sure that ignition key is "OFF". DO NOT smoke or allow sources of spark or flame in the area while changing fuel system components. Wipe up any spilled fuel immediately.

1. Disconnect fuel inlet line at fuel pump.
2. Disconnect fuel outlet line at fuel pump.
3. Disconnect sight tube from fuel pump.
4. Remove two mounting bolts and remove fuel pump.
5. Remove two fittings from fuel pump and install in new pump. Torque fittings to 15 lbs. ft (20 N.m).

⚠ CAUTION

Coat fuel line inlet fitting threads with Loctite pipe sealant with Teflon (do not use Teflon tape). Torque to specifications.

6. Install new fuel pump. Torque mounting bolts to 20 lbs. ft (27 N.m).
7. Install sight tube.
8. Install inlet and outlet fuel lines and tighten securely.
9. Run engine and check for fuel leaks.

⚠ WARNING

Make sure no fuel leaks exist, before closing engine hatch.

Upon completion send a warranty claim to your Regional Service Center for .5 hours for inspection only or 1.0 hours for pump replacement along with the original fuel pump. In some cases it may be necessary to remove the fuel pump to inspect the date code. If this is the case 1.0 hours is allowed for labor.

IMPORTANT: Place a dab of white paint on top of the fuel pump at date code location after inspection or replacement for future identification. This was done at the factory to fuel pumps that were inspected also. Fuel pumps with white paint need not be replaced.

A copy of the attached letter will be sent to customers with engines affected by this recall.