MERCRUISER STERN DRIVES

SERVICE BULLETIN

Section : 10 (Bulletins)
Number: 73-11-06
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FUEL LEAKAGE on MERCRUISER STERN DRIVE and MERCRUISER INBOARD ENGINES

(Attach Bulletin Reference Sticker to P. 4B-65 of Your Service Manual.)

ALL 215 MCM & MIE MODELS
MIE 225 (Serial No. 3963272 and Below)
MCM 225 (Serial No. 3640260 and Below)
MIE 255 (Serial No. 3604202 and Below)
MCM 255 (Serial No. 3524331 and Below)

An accumulation of fuel on manifolds of the above engines can be caused by an improperly torqued fuel inlet nut or float bowl attaching screws. All registered owners of the above mentioned engines have been notified to deliver their boats to the nearest franchised MerCruiser dealer for inspection and retorquing of the float bowl screws.

When a customer reports to you for inspection of his/her boat, ask the customer if any liquid accumulation had been found on the intake manifold. When this has been determined, follow one of the following procedures:

A. Fuel accumulation not found on intake manifold (by the owner or you):

1. Torque all 8 float bowl attaching screws to 40 in. lbs. (46.1kg-cm) ± 10 in. lbs. (11.5kg-cm).
2. Stamp a "1" on the boss on the intake manifold to identify that the engine has been reworked. Looking at the front of the engine, this boss is located in front of the carburetor on the intake manifold. The boss is approximately ½" (12.7mm) wide and ¾" (19mm) long. This area is easily accessible.
3. Complete the Customer Campaign Claim Card and return it to your local factory branch or distributor.

B. Fuel accumulation was found on the intake manifold (by the owner or you):

1. Torque carburetor float bowl attaching screws to 40 in. lbs. (46.1kg-cm) ± 10 in. lbs. (11.5kg-cm).
2. Check carburetor fuel inlet nut and fitting and make sure that it is properly tightened (130 in. lbs. [150kg-cm] + 20 in. lbs. [23kg-cm]).
3. Run the engine for a minimum of 10 minutes. After the engine has been run, allow the boat to set at dockside (with engine hatches closed) for a minimum of 6 hours. Recheck the engine for any signs of fuel leakage or accumulation.
4. If no signs of fuel leakage or accumulation are found, complete the Customer Campaign Claim Card (delete .4 and insert .7 in the "Allow Hrs." box) and return it to your local

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factory branch or distributor. If further signs of leakage or accumulation are found, the carburetor is to be replaced, the Customer Campaign Claim Card completed (delete .4 and insert 1.6 in the "Allow Hrs." box) and returned along with the defective carburetor to your local branch or distributor.

5. After the reinspection and repair have been made, stamp the engine with the identification mark as outlined in A, No. 2, preceding.

IMPORTANT: If it is necessary to replace a complete carburetor, use new style carburetor base gasket Part No. C-27-65577. (This gasket is thicker than the old type and must be used to prevent against leaks.) After replacing the carburetor, recheck all connections for possible fuel leaks.

All new boats in your stock, as well as boats owned by customers whose engines have not been registered, must be inspected and repaired as outlined, preceding.

For record purposes and to prove the completeness of the campaign, it is essential that a Campaign Claim Card or Warranty Claim be submitted for each engine inspected or repaired.

Gasket Kit (B-1396-4091) and Carburetor Repair Kit (B-1356-4092) do not contain the latest style float bowl and metering block gaskets. If you have any of these gasket kits or repair kits in your stock, order a Supplementary Gasket Kit (B-1396-5433) for each gasket or repair kit in your stock. These sets may be ordered from your local branch or distributor.

Labor Rate Time Allowance:	Retorque float bowl screws	0.4 hrs.
	Retorque float bowl screws and inlet nut and test run engine	0.7 hrs.
	Retorque bowl screws, test engine and replace carburetor.	1.6 hrs.

Part No.	Description
B-1356-5155	Carburetor (215 & 225)
1356-5169	Carburetor (255)
B-1396-5433	Supplementary Gasket Set
C-27-65577	Carburetor Base Gasket

A copy of the owner letter is enclosed for your reference.