

TO: SERVICE MANAGER MECHANICS
PARTS MANAGER

No. 93-2

A. VAPOR SEPARATOR TANK (VST) RECALL
B. ELECTRIC CONTROL MODULE (ECM) RECALL

A. VAPOR SEPARATOR TANK (VST) RECALL

Models

MCM 502 EFI Stern Drive Engines
Serial Number: 0D830000-0F013999

NOTE: There may be MerCruiser products within this serial number grouping that are **NOT** part of this recall. This recall pertains **ONLY** to 502 Magnum Electronic Fuel Injected (EFI) engines.

Problem

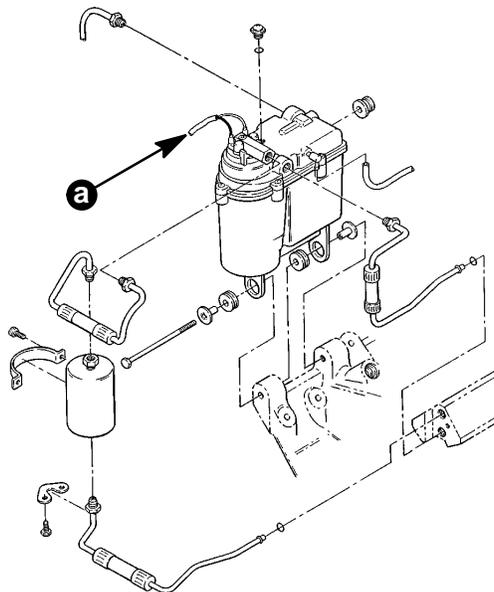
We have had a few floats, in the tank, stick because of a lack of clearance between the float and float mount. The engine ran out of fuel (stuck closed) or fouled #8 spark plug (stuck open).

Correction

DO NOT replace float or try to modify it so it won't stick. Order a replacement Vapor Separator Tank complete. A yellow dot on the VST electrical harness connector indicates that the VST has been changed already.

Parts Required

(1) 805415A2 Vapor Separator Tank (VST)



a - Yellow Dot

72804

Warranty

Fill out warranty claim and send claim and old part to your normal warranty processing center. More than one engine can be put on a warranty claim if you list the part number, engine model, serial number and labor hours for each engine on separate lines on warranty claim. Also, put the number of hours running time for each VST on warranty claim.

Warranty Code: OI18

Labor: 1.0 hours

Old Part: Return with warranty claim

B. ELECTRONIC CONTROL MODULE (ECM RECALL)

Models

MCM 502 EFI Stern Drive Engines

Serial Number: 0D830000-0F009522

NOTE: There may be MerCruiser products within this serial number grouping that are **NOT** part of this recall. This recall pertains **ONLY** to 502 Magnum Electronic Fuel Injected (EFI) engines.

Problem

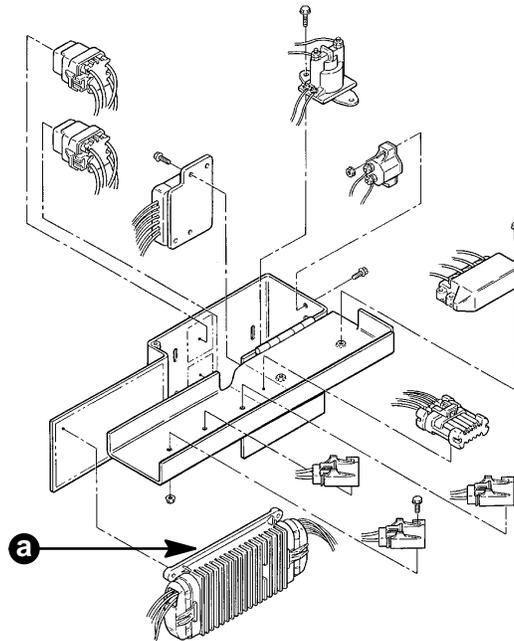
Certain Audio Warning Horns interfere with the operation of the ECM when the horn sounds. After starting the engine, idle RPM would go up and down. The interference from the horn would not let the ECM control engine idle RPM.

Correction

Order a new Electronic Control Module. If ECM has the number 9550 on it, it has already been changed.

Parts Required

(1) 805221T Electronic Control Module (ECM)



a - #9550 Do Not Change, #9536 Change

72801

Warranty

Fill out warranty claim and send claim and old part to your normal warranty processing center. More than one engine can be put on a warranty claim if you list the part number, engine model, serial number and labor hours for each engine on separate lines on warranty claim. Also, put the number of hours running time for each ECM on warranty claim.

Warranty Code: OI12

Labor: 0.8 hours

Old Part: Return with warranty claim