

TO: SERVICE MANAGER MECHANICS
PARTS MANAGER

No. 92-15

OFFICIAL NOTIFICATION UNDER THE U.S. FEDERAL BOAT SAFETY ACT

A. REQUIRED ELECTRIC FUEL PUMP RFI FILTER REPLACEMENT

Models Affected

MCM 4.3L/LX Stern Drive Engines

Serial Number: OD703316 - OD839230

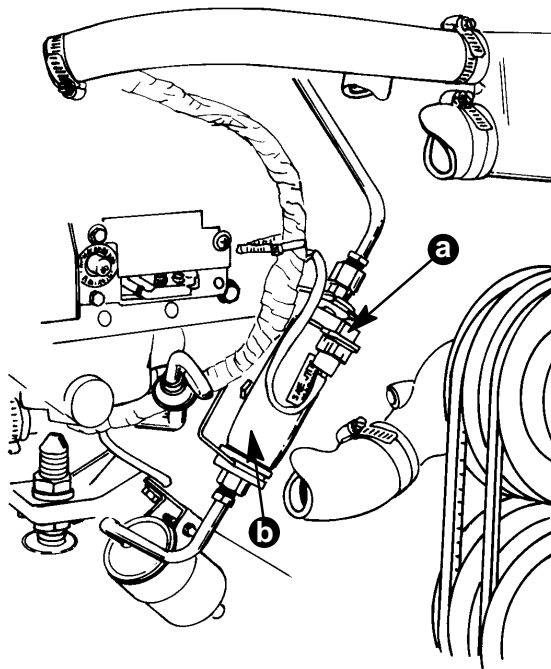
NOTE: There may be V-6 engines within this serial number grouping that are not part of this recall. All engines in this grouping must be inspected for the presence of electric fuel pump and the RFI (radio frequency interference) filter replaced as necessary.

Situation

Under certain circumstances, the RFI (radio frequency interference) Filter on the fuel pump can overheat, causing it to melt. When this filter melts, it puts out a large amount of smoke and in some cases, a flame. Because of this potential, the RFI filter must be replaced.

Inspection and Correction

1. Open engine cover and locate the fuel pump. The pump is located on the front starboard side of the engine. Figure 1.

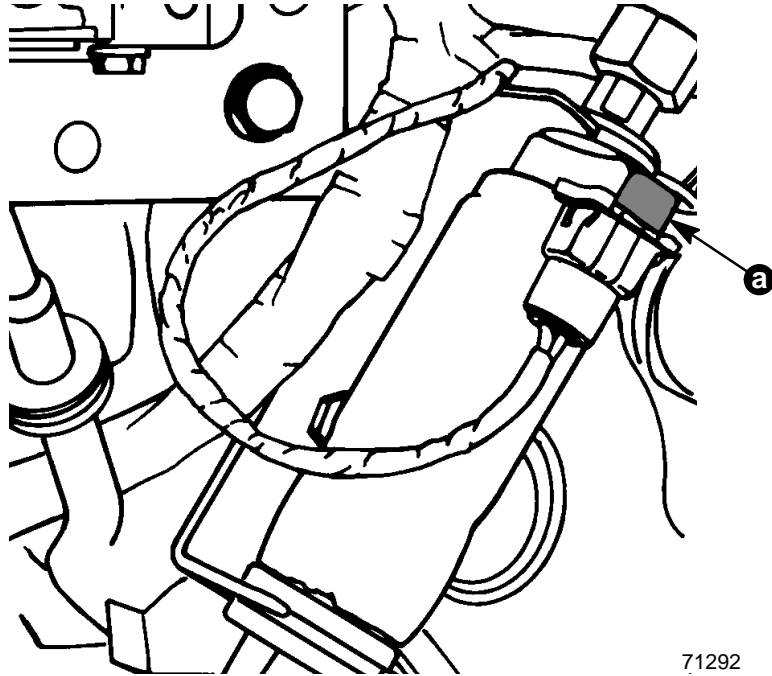


a - RFI (radio frequency interference) Filter
b - Electric Fuel Pump

Figure 1.

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2. Locate the RFI filter on the fuel pump. The RFI filter is located on top of the pump where the harness wires are connected. Figure 2.
 - a. If the end of the RFI filter is painted with orange paint or the filter is tan in color, the filter has already been changed and is not vulnerable to overheating, Figure 2. Proceed to Step 12.
 - b. If there is not any orange paint on the filter or the filter is black, the filter is one of those that may over-heat and must be replaced. Go to step 3.

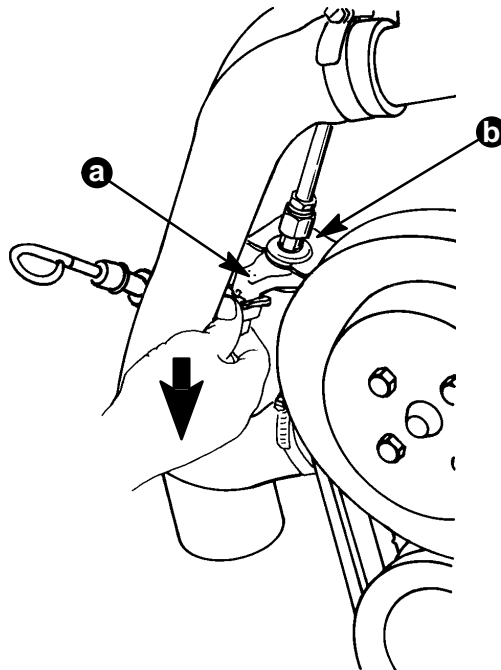


a - RFI (radio frequency interference) Filter with orange paint or is tan in color

Figure 2.

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3. Make sure the ignition switch is in the OFF position. Disconnect battery leads from the battery.
4. Remove the harness wires from the RFI filter/fuel pump by pushing on the plugs' lock wire and pulling the plug downward from the filter. Figure 3.



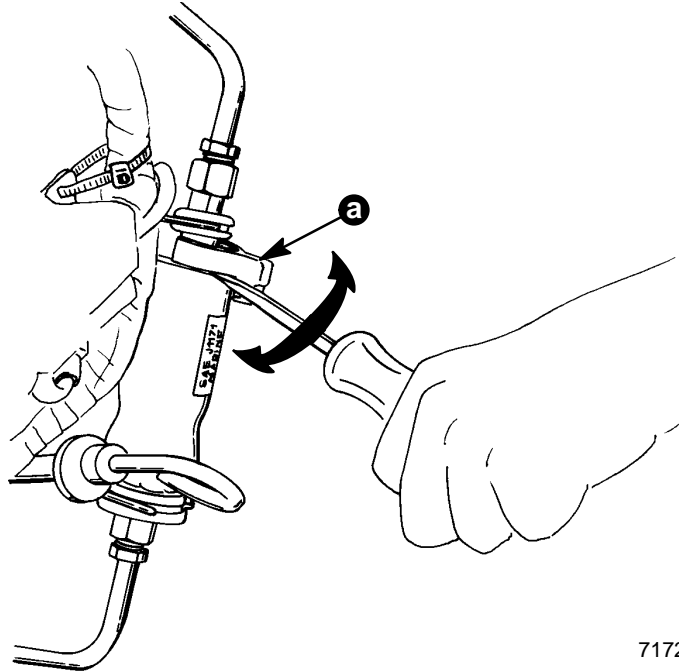
a - RFI (radio frequency interference) Filter
b - Upper pump mounting bracket

Figure 3.

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NOTE: The RFI Filter can be removed from the fuel pump without removing the pump from the engine. You may have to bend the upper pump mounting bracket up to gain clearance.

5. Use a thin, wide bladed screwdriver and pry filter upward at locations shown in Figure 4. By twisting the screwdriver blade, the filter will walk upward.

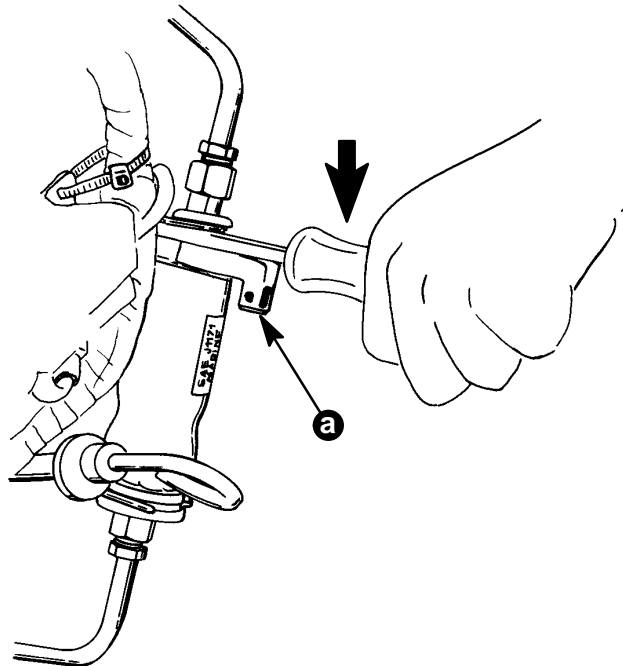


a - RFI (radio frequency interference) Filter

Figure 4.

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6. Install new RFI Filter by pushing new filter downward on pump by hand as far as possible. Using the upper pump bracket for leverage, push the filter back down onto the pump until it is fully seated. Figure 5.



a - RFI (radio frequency interference) Filter

Figure 5.

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NOTE: If the upper pump bracket was bent for clearance to the filter, return it to its' original position.

7. Reattach the harness plug to the pump by pushing the plug onto the filter until it snaps in place.
8. Reconnect the battery leads to the battery.
9. Supply water to the engine, start it and check for proper operation and for fuel leaks. After test, disconnect water supply.

⚠ WARNING

MAKE SURE NO FUEL LEAKS EXIST BEFORE CLOSING ENGINE HATCH.

10. Close engine hatch.

Parts Required

(1) 805616A1 RFI Filter

Warranty

Fill out warranty claim (or campaign card) and send 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.

Labor: 1.0 hour

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