MERCURY MerCruiser **service bulletin**

No. 2000-1

☑ WARRANTY INFORMATION ☐ SERVICE INFORMATION

Official Notification Under the U.S. Federal Boat Safety Act - Alpha One Delayed Shift

Models

MCM 4.3L EFI Alpha Engines, S/N 0L360000 through 0L646896

MCM 5.0L EFI Alpha Engines, S/N 0L331631 through 0L331650 and S/N 0L340000 through 0L647190

MCM 5.7L EFI Alpha Engines, S/N 0L331954 through 0L331973 and S/N 0L340000 through 0L647190

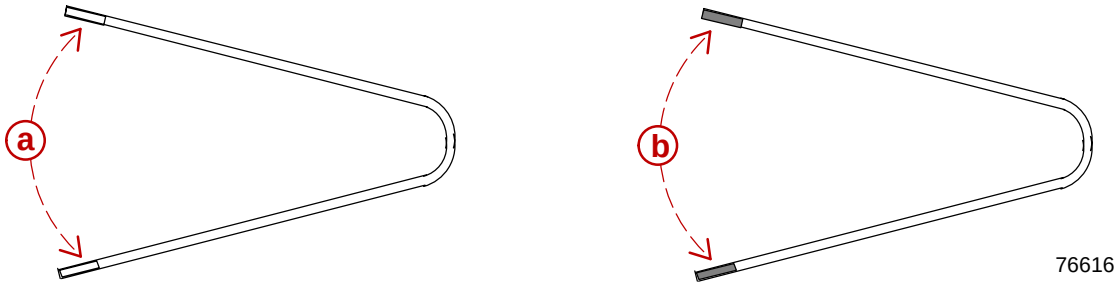
MCM 350 MAG MPI Alpha Engines, S/N 0L340000 through 0L647190

Situation

On these engines the shift plate assembly has a shift interrupt spring with the wrong tension. Incorrect tension can delay the shift from FORWARD or REVERSE to NEUTRAL.

Inspection

When either hard shifting or delayed shifting has occurred, inspect the shift plate shift interrupt lever spring. If the unit falls within the above S/N range and the spring has either white or no markings, it must be replaced. If the spring has either blue or yellow markings on the ends, the correct spring has been previously installed. If the spring has blue tips, the lever will also be marked with a blue paint dot.



a - White Paint Or No Paint Indicates Replacement Necessary
b - Yellow Or Blue Paint Indicates Replacement Complete

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Removal

1. Remove nylon locknut from the engine flame arrestor cover.
2. Remove engine flame arrestor cover.
3. At control box shift cable anchor point on interrupt lever, bend cotter pin to provide access to 9/16 actuator lever bolt while holding the shift interrupt lever on the shift plate.
4. Remove the 9/16 actuator lever bolt from shift interrupt lever.
5. Remove the shift interrupt lever assembly.
6. Remove the shift spring from the reverse side of the shift interrupt lever.

Installation

Replace the shift interrupt spring on the shift plate with a Quicksilver replacement spring. The replacement spring will have a 1/2 in. (13 mm) yellow paint mark on the ends.

1. Install the new shift spring.
2. Install the shift interrupt lever assembly.
3. Ensure that the shift interrupt switch is centered in the “V” notch of the shift interrupt arm assembly.
4. Apply Loctite 277 to the 9/16 actuator lever bolt threads and install the bolt. Torque to 130 lb-in. (14.7 Nm).
5. Bend cotter pin to original position.
6. Install the engine flame arrestor cover and tighten locknut.

If hard or stiff shifting still exists, adjust shift cable. Refer to the appropriate Mercury MerCruiser Service Manual.

USA and Canada only: When an engine is registered at Mercury Marine, the serial number will be checked to see if this recall has been done. If our records do not show that the recall was done, the customer will be contacted by mail and told to have it done by a dealer.

Part Required

(1) 24-862850, Shift Interrupt Spring

Warranty

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

Warranty Code and Labor: None 0.5 Hour

Old Part: USA and Canada: Return with warranty claim.

All Others: Retain for disposition by a Marine Power representative.

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