

WARRANTY INFORMATION

SERVICE INFORMATION

Official Notification U.S. Federal Boat Safety Act

Required 496 Mag / 8.1S Engine Electrical System Repair

Models

MCM 496 Mag Sterndrive Engines, S/N 0M025000 – 0M095102.

MCM 496 Mag HO Sterndrive Engines, S/N 0M025000 – 0M095120.

MIE 8.1S Horizon Inboard Engines, S/N 0M025000 – 0M027750.

MIE 8.1S HO Inboard Engines, S/N 0M025000 – 0M027747.

Situation

The possibility exists on the engines listed above that the boat operator will not be able to turn off the engine with the key switch. The cause for this condition is the failure of a diode in the engine's PCM 555. When this diode fails, the PCM 555 will not recognize the key switch being turned to "OFF" position.

If you have an engine that has a failed diode in the PCM 555 and the engine will not shut off with the key switch, there are 2 ways to shut the engine off. Always return engine to neutral gear, idle position first.

1. If boat is equipped with battery switch, turn switch to 'OFF'.
2. If boat does not have battery switch, disconnect the main power supply to the EFI harness. This connection is located near the aft (flywheel) end of the port rocker arm cover. It has 2 PUR/RED wires from the engine harness connected to 2 RED wires from the EFI harness.

Correction

Install the Harness Assembly Adapter Kit to prevent this condition from occurring. If the engine has a failed diode in the PCM 555, that part has to be replaced also.

NOTE: *If a running engine can be shut off with the key switch, the PCM 555 is good and does not have to be replaced.*

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, telling them to have it done by a dealer.

Installation

Locate the CAN Line that is located just above the aft (flywheel) end of the port rocker arm cover. It has 8 wires going to the 10-pin connector on it with these main colors, 3 YEL, 2 ORN, 1 PNK, 1 RED, 1 BLK and 2 blank. The inside of the connector is purple.

1. Engines with a protective cap on CAN Line 10-pin connector.
 - a. Remove the protective cap from 10-pin connector.
 - b. Connect Harness Assembly Adapter Kit to the 10-pin CAN Line connector.
 - c. Install the protective cap to the other end of the Harness Assembly Adapter Kit.
2. Engines with CAN Line connected to 10-pin CAN Line connector.
 - a. Disconnect CAN Line from the CAN Line 10-pin connector.
 - b. Connect Harness Assembly Adapter Kit to the 10-pin CAN Line connector.
 - c. Reconnect the CAN Line to the other end of the Harness Assembly Adapter Kit.

Part Required

P/N 84-884515A 3 Harness Assembly Adapter Kit.

Order PCM 555 only if internal diode has failed and engine will not shut off with key switch.

P/N 863618T 7 PCM 555 - MCM 496 Mag.

P/N 863619T 7 PCM 555 - MCM 496 Mag HO

P/N 863620T 2 PCM 555 - MIE 8.1S Horizon.

P/N 863621T 2 PCM 555 - MIE 8.1S HO.

Warranty

Submit warranty claim through your normal warranty-processing channel.

Warranty Code and Labor:

 Install Harness Assembly Adapter Kit. ME75 0.5 Hours.

 Replace PCM 555 (if required). MJ23 0.8 Hours.

Uniform Failure Observation (UFO) Code: 331 - 40