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New PCM Calibration – 250XS OptiMax

Models Affected

2006 250XS OptiMax L models (20 in. driveshaft) and XL model 192848GFH (25 in. driveshaft, Torque Master gearcase) with serial numbers 1E000797 through 1E001346.

Situation

Customers who have purchased 250XS outboards listed in **Models Affected** may experience a miss or rough idle condition and reduced power at high RPM. Mercury Racing has developed a new calibration for the existing PCM (part number: 885557 063) that addresses these issues.

Owner Notification

When this bulletin was printed, Mercury Racing sent a notification letter to all registered owners of affected models advising them to return their outboard to the selling dealer, or other authorized Mercury Marine dealer, for a PCM update. A copy of this letter is attached to this bulletin for your reference. Mercury Racing asks that the selling dealer or OEM also contact the purchaser of these models to ensure customer compliance with this campaign.

Correction

If the outboard model matches any of those listed in **Models Affected**, inspect the PCM label. If the PCM part number reads 885557 057, follow these instructions to return the PCM to Mercury Racing for recalibration.

NOTE: *If recalibrating the PCM inconveniences the customer in the short term, they may continue operating the outboard with the existing PCM calibration until such time that they are not using the outboard (prior to the update warranty deadline).*

OPTION 1

1. Remove the PCM from the engine and record the engine S/N on the case of the PCM. This ensures that the PCM can be returned to the correct engine during installation.

2. Fill out a warranty claim. Refer to the **Warranty** section for claim information.

IMPORTANT: Premier dealers may process their own pre-authorizations. Non-Premier dealers using MercNet may fill out a warranty entry and submit to Mercury Marine for approval. Otherwise, dealers may contact Mercury Racing Service to obtain warranty pre-authorization at: 920-907-3800.

3. Send the PCM with a copy of the claim to:

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Mercury Racing
Attn: Service Department (250XS PCM Recalibration)
N7480 County Road UU
Fond du Lac, WI 54935-9585
USA

IMPORTANT: Typical turnaround time is 24 hours after the PCM arrives at the Mercury Racing Service Department. All return shipments to dealers from Mercury Racing will be through standard UPS ground shipping.

4. The new PCM will be returned with a new part number (885557 063). Reinstall the PCM according to the **250XS OptiMax Service Manual**.

Option 2

Technical Account Managers (TAMs), if available, can perform the PCM calibration without removing the PCM from the engine. If your TAM is scheduled to visit your dealership in the near future, contact the TAM to recalibrate the customer's PCM.

Warranty

Fill out a warranty claim with the following information:

- Suggested description for all claims: Returning PCM for calibration change (885557 063 from 885557 057) per Mercury Racing Service Bulletin 2006-01.
- Part Code: 731
- Failure Code: 00
- Flat Rate Code: HI63 (labor rate: 0.3)
- Flat Rate Code: NJC (labor rate: 0.7)

The update warranty deadline ends on December 31, 2007 or the outboard's product warranty expiration date, whichever ends later.

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