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## HP600 SCi, HP662 SCi and HP700 SCi PCM Calibration Change Models Affected

HP600 SCi, HP662 SCi and HP700 SCi (Serial Number 0M957718 through 0M959617)

### Situation

Mercury Racing developed a new calibration for the existing PCM on engines with the newer boost-by-pass valve (P/N 884408A07). Only those engines in the serial number range listed need the updated calibration. Engines with the newer style boost-by-pass valve and the original calibration may experience no or low boost pressure resulting in a noticeable loss in engine performance.



Newer style boost-by-pass valve has a black plastic molded insert.

### Corrective Action

For all sterndrive models matching any of those listed in the **Models Affected**, inform the registered customer of the calibration change and schedule an update at their earliest convenience. Follow the instructions below to recalibrate the PCM.

**NOTE:** *If recalibrating the PCM inconveniences the customer in the short term and they are not experiencing a loss in performance, they may continue operating the engine with the existing PCM calibration until such time where they can schedule the update.*

### OPTION 1

1. Remove the PCM from the engine and record the engine S/N and record the engine position on a tag and attach it to the PCM. This ensures that the PCM can be returned to the correct engine during installation.

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2. Fill out a warranty claim. Refer to the **Warranty** section for claim information.
3. Send the PCM with a copy of the claim to:  
Mercury Racing Attn: Service Department (PCM Recalibration)  
N7480 County Road UU  
Fond du Lac, WI 54935-9585  
USA

**NOTE:** *The PCM will be returned when the calibration is complete. 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. PCMs that receive this calibration update will be labeled HP600 Sci 846123003, HP662 Sci 8M0021279, or HP700 Sci 8M0032385. Upon receiving the recalibrated PCM, reinstall it on the engine according to procedures in the **Service Manual**.

## Option 2

If available, the Technical Account Managers (TAMs) can update 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: PCM for calibration change per Mercury Racing Sterndrive Bulletin 2007-02.
- Part Code: 731
- Failure Code: 00
- Flat Rate Code: SB10 (labor rate: 1.0)
- Flat Rate Code: SB05 (labor rate: 0.5)
- The update warranty deadline ends on January 1, 2010 or the sterndrive's product warranty expiration date, whichever ends later.

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