

Circulate to: Sales Manager Accounting Service Manager Technician Parts Manager

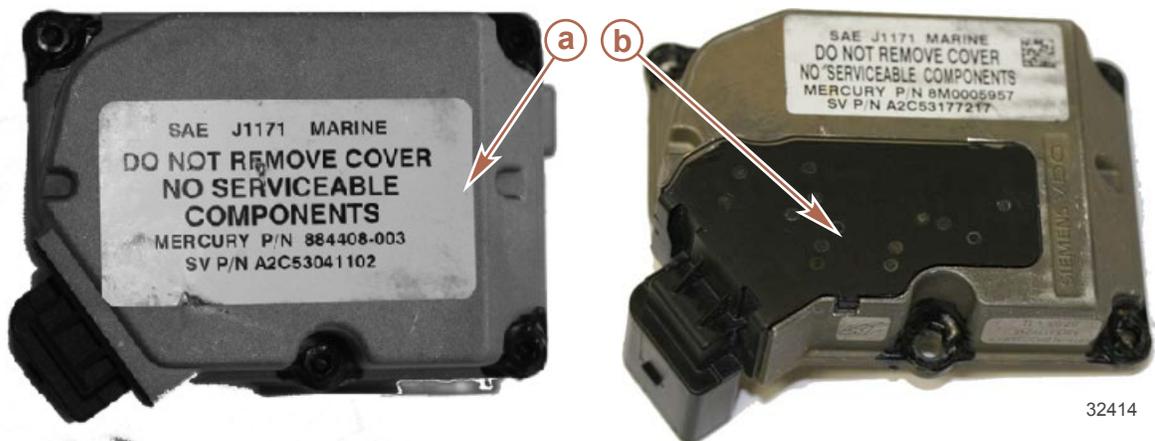
Boost-By-Pass Valve Supersession for the HP600 SCi, HP662 SCi and HP700 SCi

Models Affected

HP600 SCi, HP662 SCi and HP700 SCi engines that have had the boost-by-pass valve replaced with P/N 884408A07 (current style) but did not receive the updated calibration (labeled 846123003, 8M0021279, or 8M0032385).

Situation

Mercury Racing developed a new calibration for the existing PCM on engines with the newer boost-by-pass valve (P/N 884408A07). 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. Engines with the older boost-by-pass valve (P/N 884408T05) can have the PCM calibrated at the owners expense.



a - Older style valve

b - Newer style valve

Corrective Action

IMPORTANT: The cost for removing, reinstalling and shipping the PCM for calibration will be at the owners expense. This service is neither warranty nor a customer relations adjustment. However, there will be no charge for the PCM calibration. Before shipping the PCM, contact Mercury Racing to request a return authorization.

For all sterndrive models matching any of those listed in the **Models Affected**, follow the instructions below to calibrate the PCM.

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***NOTE:** If calibrating 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 calibration.*

OPTION 1

1. Contact Mercury Racing to request a return authorization for the PCM.
2. 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 if the serial number tag was removed.
3. Send the PCM 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 846123003, 8M0021279, or 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 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 calibrate the customer's PCM.

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