

# SERVICE BULLETIN



M-1121A

March 19, 2002

## NEW "BASE" CALIBRATION ECM FOR DELPHI EFI BIG TWINS

### Purpose

Beginning January 28, 2002, a faulty ECM on any domestic fuel injected Softail or Touring model will be replaced with an ECM containing only a "base" calibration. Digital Technician must then be used to reprogram the "base" calibration ECM with the stock calibration. This introduction simplifies ECM replacement by providing a single part number (Part No. 32772-01) for all domestic Big Twin replacement ECM's.

#### IMPORTANT NOTE

***The "base" calibration ECM is not intended for use on 2002 Screamin' Eagle FLHRSEI models. The replacement ECM for this model will continue to be part number 32803-02.***

### Motorcycles Involved

The new "base" calibration ECM is to replace faulty stock calibration ECM's on Delphi equipped fuel injected domestic Big Twins only, that is, 2001 and later fuel injected Softail models and 2002 fuel injected Touring models (Screamin' Eagle FLHRSEI models excepted).

#### NOTE

*Prior to installation of any P&A performance calibration, the replacement "base" calibration ECM must first be reprogrammed with the stock calibration.*

### Required Dealer Action

1. Connect "base" calibration ECM. See instructions in the appropriate Softail or Touring Models Service Manual.
2. Connect Digital Technician to motorcycle.
3. Insert Reflash cartridge (Part No. HD 44750-13) into Scanalyzer. The Scanalyzer display reads "PC Scanalyzer Reflash Tool."
4. Press the Vehicle Select icon in Digital Technician. Turn ignition switch to ON. Enter VIN of motorcycle. Press check mark to exit routine.
5. Press the Reflash icon. Select the appropriate calibration. Respond to all prompts. Press the check mark to advance through the routine. When Current and New Calibration display appears, press check mark again.

6. The screen displays "Performing flash update. Please wait." This is followed by a horizontal bar indicating the percentage of the reflash completed.
7. Once the reflash is complete the calibration before and after the reflash is displayed along with the message "Flash update was successful."
8. Click on the PRINTER icon to print a copy of the reflash summary report or write down the number of the new calibration on a piece of paper.
9. Press check mark to return to main screen. Remove Reflash Cartridge from the Scanalyzer and insert Reprogramming Cartridge (Part No. HD 44750-3). The Scanalyzer display reads "PC Scanalyzer Interface Tool."
10. Press Vehicle Select icon. Press the check mark after confirming that the VIN information is correct.
11. To perform the Password Learn routine, press the Toolbox icon on the top bar, and then press the Calibration & System Info icon at the very bottom of the side bar.
12. When System ID screen is displayed, press Module Replace. Respond to all prompts to advance through the routine.
13. When exiting the Password Learn routine you may be advised that historic codes exist. Clear historic codes as follows:
  - a. Press Vehicle Select icon, the Toolbox icon, and then the Fault Code icon.
  - b. Clear historic code following instructions displayed.
14. Turn ignition switch to OFF. Cycle ignition switch once.

#### NOTE

*If installation of an EFI performance stage kit is required, download performance calibration at this time.*

15. Disconnect Digital Technician or Scanalyzer from the motorcycle.
16. Write down the new calibration number on the white bar code label affixed to the inboard side of the ECM.
17. Mount ECM and assemble motorcycle following instructions in the appropriate Softail or Touring Models Service Manual. Be sure to take note of all warnings and cautions.

#### IMPORTANT NOTE

**In the interest of preserving customer safety and satisfaction, always check for outstanding recalls whenever any motorcycle is brought into your dealership for either maintenance or service.**

ROUTING	SERVICE MANAGER	SALES MANAGER	PARTS MANAGER	LEAD TECHNICIAN	TECHNICIAN NO.1	TECHNICIAN NO. 2	TECHNICIAN NO. 3	TECHNICIAN NO. 4	RETURN THIS TO
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