

SERVICE BULLETIN



M-1162

October 20, 2004

ICM SOFTWARE UPDATE

Purpose

The purpose of this service bulletin is to notify the dealer network of a production running change and service parts change to provide an ICM strategy and PPU (Pulses Per Unit) software update.

This bulletin will also provide part number identification, update benefits, and the associated procedures required to update OE vehicles at the next vehicle service.

The new ICM strategy will improve Twin Cam 88/88B idle performance characteristics. Currently the speedometer may overstate actual vehicle speed, within allowable limits. The new PPU values will reduce the amount of overstatement, further improving accuracy on Sportster and Touring models.

Base calibration parameters and spark tables are unchanged but will be over-written during the reflash procedure.

IMPORTANT NOTE

Do NOT reflash vehicles that have been modified with Screamin' Eagle® ignition modules.

Screamin' Eagle® Pro ignition race tuner maps will be rewritten to the OE calibration.

Motorcycles Affected

All 2004 and 2005 carbureted Harley-Davidson models produced for domestic and international markets prior to mid-September, 2004 will benefit from the improved ICM strategy.

All 2004-2005 Sportster and carbureted Touring models produced for North American markets prior to mid-September, 2004 will benefit from the improved PPU values.

Updated vehicles may be identified by ICM part number 32478-04A or 32622-04A, printed on the ICM label or through System ID using Digital Technician.

Required Dealer Action

Make sure Digital Technician is updated with version 13.10 or later. Check, and if necessary, update vehicles as they come in for normal service:

1. Check part number printed on ICM label. If part number is 32478-04A or 32622-04A, no further action is necessary.
2. If part number printed on ICM label is NOT 32478-04A or 32622-04A, connect Digital Technician to vehicle, navigate to System ID screen and view actual part number stored internally in ICM.
3. If part number stored internally is 32478-04 or 32622-04, perform reflash operation and download new ICM strategy and PPU software update by reloading the stock calibration.
4. Verify the ICM part number has been updated to 32622-04A in System ID.

NOTE

After performing the update operation, you should update the part number printed on the ICM label. Thoroughly clean label to remove grease, oil and dirt. Cover old part number with correction fluid such as Liquid Paper® or an adhesive label. Print new part number (32622-04A) on ICM label with indelible ink.

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
INITIAL HERE									

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Credit Procedure

Complete a regular warranty claim form referencing Service Bulletin M-1162. Fill in the rest of the claim form as follows:

**Table 1. Warranty Claim Entries—
Update Action Only**

Claim Type	MC or GDW*
Event 1, Problem Part No., Qty.	32478-04 or 32622-04
Description	ICM software
Customer Concern Code	1304
Condition Code	7932
Primary Labor Code	7932
Time Allowed	0.2 hours

* If vehicle is out of factory warranty, obtain a goodwill authorization from the factory.