

SERVICE BULLETIN



M-1213

September 11, 2007

2008 ENGINE IDLE TEMPERATURE MANAGEMENT SYSTEM

Purpose

For those riders who frequently find themselves in riding conditions where the vehicle is subjected to prolonged idle conditions or traffic congestion, an optional dealer enabled engine temperature strategy is available. This strategy offers limited rear cylinder cooling with the vehicle stopped while the engine is left at idle or at low vehicle speeds once the temperature threshold is exceeded. If the customer decides to enable or disable this option, they may contact the dealer to have this done.

Motorcycles Affected

All 2008 Touring and Police Models (FLHT, FLHTC, FLHTCU, FLTR, FLHR, FLHRC, FLHX, FLHTCUSE³, FLHTCU³, FLHRSE⁴, FLHR⁴, FLHTP, FLHP, and FLHPE).

Required Dealer Action

Activating Engine Idle Temperature Management System (EITMS)

Upon request of the customer, enable the engine temperature strategy using Digital Technician II. Review/explain the following system function to the customer.

System Function

When engine temperature reaches a pre-determined point, the EITMS will turn off the rear cylinder fuel injector. Idle speed will be maintained, however the rear cylinder will become an "air pump" which will work to cool the engine.

EITMS will activate (rear cylinder will turn off) when **all** of the following conditions are met for approximately 6 seconds.

- Engine temperature is greater than 287° F domestic (165° C international)
- Twist grip opening less than 2.0%
- Vehicle speed under 15 MPH (25 KPH); or 1 MPH (2 KPH) for Stage 2 street legal
- Engine speed under 1200 RPM

EITMS will disable (rear cylinder will again fire) if **any one** of the following occurs:

- Engine temperature falls below 275° F domestic (135° C international)
- Twist grip opening greater than 2.7%
- Vehicle speed exceeds 18 MPH (30 KPH), or 2 MPH (3 KPH) for Stage 2 street legal
- Engine speed exceeds 1350 RPM
- Clutch is released with vehicle in gear

When the engine is in EITMS mode you may notice a difference in idle cadence. Additionally there may be a unique exhaust odor. These are both considered to be normal conditions.

NOTE

If customer decides he does not want the EITMS, he may request you to deactivate it. Each motorcycle (as identified with its VIN) is entitled to have EITMS activated and deactivated once without charge. Charges for additional EITMS activations or deactivations will be the customer's responsibility.

Screamin' Eagle Stage calibrations also allow this strategy to be enabled or disabled. Before installing these calibrations on a customer's vehicle, ensure the customer understands the EITMS and indicates their choice.

Deactivating EITMS

Disable the engine temperature strategy using Digital Technician II.

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	WARRANTY PROCESS MANAGER	SALES MANAGER	PARTS MANAGER	LEAD TECHNICIAN	TECHNICIAN NO. 1	TECHNICIAN NO. 2	TECHNICIAN NO. 3	RETURN THIS TO
INITIAL HERE									

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Credit Procedure-OE Calibrations

Complete a warranty claim referencing Service Bulletin M-1213. Fill in the rest of the claim as follows:

Claim Type	MC
Event Problem Part No., Description	Appropriate OEM calibrations # from Digital Technician II
Quantity	Leave blank (FLHTCUSE ³ and FLHRSE ⁴ models)
	1 (all other models)
Primary Labor Code	7804
Time	0.2 hrs.
Customer Concern Code	9203
Condition Code	7804

Credit Procedure-Screamin' Eagle Stage Calibrations

Warranty credit may be applied to enable or disable the EITMS per the customer's request on 50 state street legal Screamin' Eagle calibrations if the calibration was registered at time of vehicle sale, or within 60 days from time of vehicle sale.

Complete a warranty claim referencing Service Bulletin M-1213 for Stage 1 and 2 street legal calibrations. Fill in the rest of the claim as follows:

Claim Type	PNA
Event Problem Part No., Description	Appropriate stage kit Part No. registered to VIN
Quantity	Leave blank
Event 1, Additional Part No. Description	Appropriate calibration Part No. from Digital Technician II
Quantity	1
Primary Labor Code	8202
Time	0.2 hrs.
Customer Concern Code	9203
Condition Code	9110