SERVICE BULLETIN

M-1351A: 2014-2016 ENGINE IDLE TEMPERATURE MANAGEMENT SYSTEM (EITMS)

Reason for Revision

This revision corrects and clarifies the information in the previous version.

Purpose

The purpose of this bulletin is to inform dealers of the operational details of the Engine Idle Temperature Management System (EITMS) used on all 2014 thru 2016 Touring, Police, Trike and CVO Touring vehicles.

Vehicles Affected

This information applies to all 2014 thru 2016 Touring models, 2014-2016 Police models, 2014-2016 Trike models and 2014-2016 CVO Touring models.

Markets Affected

All markets are affected.

Required Dealer Action

Review this bulletin, and when necessary, inform customers that they can enable or disable EITMS to complement their riding style. Explain:

* When EITMS is useful.

* How EITMS operates.

* How to enable / disable EITMS.

Use

For customers who find themselves at prolonged idle or in stop and go traffic, EITMS provides limited cooling of the rear cylinder. When certain conditions occur, EITMS turns off the rear cylinder fuel injector. The rear cylinder then becomes an air pump which cools the rear cylinder.

NOTE

When EITMS mode is active, the rider may notice a difference in idle cadence as well as a difference in sound. Additionally there may be a unique exhaust odor. These are all considered to be normal conditions.

Operation

Activation

NOTE
EITMS does not operate within the first four minutes after starting the engine.

EITMS will turn off the rear cylinder fuel injector **when all of these preset parameters are met**:

* Throttle position is at idle

* Motorcycle speed is under 1 mph (2 km/h)

* Engine speed is under 1200 RPM

  AND one of the following parameters is also met:

* Engine Temperature (ET) sensor input reading is above preset level

* Ambient Air Temperature (AAT) sensor reading is above preset level (radio equipped models only)

* **Twin-Cooled:** Coolant Temperature sensor input reading is above preset level

Deactivation

EITMS will deactivate and the rear cylinder fuel injector will resume operation **if any one of the following conditions occur**:

* Ambient Air Temperature (AAT) sensor reading drops below preset levels (radio equipped models only)

* Engine Temperature (ET) sensor reading drops below preset level

* **Twin-Cooled:** Coolant Temperature sensor reading drops below preset level

* Throttle position is above idle

* Motorcycle speed exceeds 2 mph (3)

* Engine speed exceeds 1350 RPM

* The clutch is released with the motorcycle in gear

Enable / Disable EITMS

When enabled, EITMS will automatically activate when the above parameters mentioned are met. When disabled, EITMS does not activate under any conditions.

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

To Enable / Disable EITMS:

NOTE

- *EITMS can be enabled or disabled with the engine running or shut off.*

- *On vehicles equipped with radios, the EITMS activation and enabled/disabled can be viewed in the Information Screen.*

1. Turn the ignition on and the OFF/RUN switch to RUN.

2. Roll-off the throttle grip until it stops turning and hold.

3. After 3 seconds, the cruise control indicator lamp will flash indicating the EITMS status.

   - Flashing green indicates EITMS is enabled.

   - Flashing amber indicates that EITMS is disabled.

4. To set the indicated status, release the throttle control grip.

5. To change the status, repeat above steps.