

SERVICE BULLETIN

M-1251

July 24, 2009



CALIBRATION UPGRADE FOR 2009 TOURING MODELS WITH ABS

Purpose

Since Harley-Davidson is committed to continuous improvement, an ABS (Anti-Lock Brake System) calibration change was recently incorporated into 2010 ABS equipped Touring model motorcycles on the production line. These changes can be applied to 2009 Touring model motorcycles as well. The refinement to the ABS calibration reduces the likelihood of unintended ABS activations when braking over bumps, cracks, and other road surface anomalies in otherwise good traction conditions. The change also reduces the likelihood of unintended ABS activation during threshold braking. It also permits reuse of the Hydraulic Control Unit (HCU) if Electrical Control Unit (ECU) replacement is required.

In the interest of promoting customer satisfaction, Harley-Davidson has decided to offer this change as a current production ABS calibration upgrade at no charge to all owners of 2009 Touring model motorcycles. This offer includes stock production, Police and CVO motorcycles. This calibration upgrade offer is valid from now to the end of the motorcycle's warranty period.

Motorcycles Affected

All 2009 model year Touring model motorcycles equipped with ABS.

Required Dealer Action

If customer expresses concern with ABS performance, proceed with the following steps prior to performing other diagnosis:

1. Connect Digital Technician to the vehicle. If the displayed ECU calibration is 32836-09, then the ECU should be reflashed to the 32836-09A calibration.

NOTES

- *If the brake system has not been opened since factory installation or a recent ABS Service has been performed and it is apparent that there is no air in the hydraulic system, it is not necessary to perform the "Manual Bleed" procedures within the ABS Service Procedure after recalibration. You must follow all other steps which check for proper brake operation and clear the C1158 code.*
- *A proper "Manual Brake Bleed" procedure must be performed at each appropriate step of the ABS Service if the brake lines have been opened for any reason.*
- 2. Complete ABS Service within Digital Technician after performing reflash.

Credit Procedure

NOTE

Warranty coverage for calibration updates ends with normal vehicle warranty.

Complete a warranty claim referencing Service Bulletin M-1251. Fill in the rest of the claim as follows:

| ENTRY FIELD | ENTER |
|------------------------|-------------|
| Claim Type | MC/DEM |
| Event Problem Part No. | 32836-09/DT |
| Quantity | Leave Blank |
| Primary Labor Code* | 2678 |
| Time | 0.3 Hours |
| Customer Concern Code* | 9203 |
| Condition Code* | 9110 |

* These codes may need to be downloaded into your system

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

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