2007/2008 CVO 110 C.I. DISPLACEMENT ENGINE UPDATE
PRODUCT PROGRAM 0906

Purpose
Harley-Davidson Motor Company, Inc. has chosen to upgrade 2007/2008 CVO 110 cubic inch engine equipped model motorcycles with current product enhancements to improve long term reliability.

In order to ensure the highest level of ownership experience for all owners of motorcycles equipped with 110 cubic inch engines, we are releasing two product programs designed to upgrade all 2007 and 2008 CVO model motorcycles built before May 14, 2008 to current design and production specifications.

Motorcycles Affected
2007 FXDSE, FXDTSSE, FLHRSE3 model motorcycles and 2008 FXDSE2, FXSTSSE2, FLHRSE4 models built before May 14. Also included are 2008 FLHTCUSE3 models built April 9, 2008 through May 13, 2008. Check VIN on h-dnet.com to determine program involvement and to confirm that the product program for the motorcycle is still open.

P&A registered Street-Legal Accessory 110 kit 2007/2008 model motorcycles are also included.

h-dnet.com/Service Toolbox/Product Campaign and Open VIN Lists. Select 0905 campaign to view the VIN list.

NOTE
If the vehicle is not on your dealership VIN list, check the Safety and Product Campaign History by VIN link.

Customer Notification
Harley-Davidson will send a letter to registered owners notifying them of this non-safety related condition and instructing them to contact their dealer for the replacement service. Samples of the customer letters are attached.

IMPORTANT NOTE
Please be advised that the services delivered under this product program will no longer be rendered at factory expense after two years from the date of this bulletin.

Kit Ordering Information
One wave shipment of kit 94677 will be conducted the week of July 28, 2008.

NOTE
Some motorcycles may have already had the enhancements installed during a previous repair. Verify the product program for the motorcycle in question is still open before placing order.

If additional kits are needed, fill in the attached order form and fax it to the Warranty Department (414-343-8346). You must include the dealer number and the VIN of the motorcycle being serviced.

IMPORTANT NOTES
- Kits will be available the week of July 28, 2008 in the domestic markets, and shortly afterwards worldwide. No orders for replacement part kits will be accepted prior to the availability date.
- You must have submitted claims for 75% of the kit quantities that have been shipped to your dealership before additional kit orders will be processed.

Table 1. Replacement Kit Contents (94677)

<table>
<thead>
<tr>
<th>Item</th>
<th>Part No.</th>
<th>Quantity</th>
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</thead>
<tbody>
<tr>
<td>Top End Gasket Kit</td>
<td>17349-07</td>
<td>1</td>
</tr>
<tr>
<td>Clamp</td>
<td>10038A</td>
<td>1</td>
</tr>
<tr>
<td>Screw, hex flange</td>
<td>1090A</td>
<td>1</td>
</tr>
<tr>
<td>O-ring</td>
<td>10925</td>
<td>2</td>
</tr>
<tr>
<td>O-ring</td>
<td>11292</td>
<td>2</td>
</tr>
<tr>
<td>ACR Solenoid</td>
<td>28861-07A</td>
<td>2</td>
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<tr>
<td>Gasket</td>
<td>29313-95</td>
<td>1</td>
</tr>
<tr>
<td>Gasket</td>
<td>29059-88A</td>
<td>1</td>
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<tr>
<td>Gasket</td>
<td>29583-01A</td>
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<td>Gasket</td>
<td>29593-05A</td>
<td>1</td>
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<tr>
<td>Gasket</td>
<td>29645-08</td>
<td>1</td>
</tr>
<tr>
<td>Gasket</td>
<td>29718-08</td>
<td>1</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>ROUTING</th>
<th>SERVICE MANAGER</th>
<th>SALES MANAGER</th>
<th>PARTS MANAGER</th>
<th>WARRANTY PROCESS MANAGER</th>
<th>LEAD TECHNICIAN</th>
<th>TECHNICIAN NO.1</th>
<th>TECHNICIAN NO. 2</th>
<th>TECHNICIAN NO. 3</th>
<th>RETURN THIS TO</th>
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<tr>
<td>INITIAL HERE</td>
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</tbody>
</table>
Required Dealer Action

1. Replace front and rear cylinder top end gaskets included in the replacement kit. A basic outline follows but refer to the appropriate service manual or supplement for procedures, specifications, and safety practices.
   a. Remove seat and disconnect battery.
   b. Remove console and fuel tank.
   c. Remove right side footboard.
   d. Remove heat shields.
   e. Remove saddlebags.
   f. Disconnect mufflers and exhaust system.
   g. Remove rear cylinder heat shield.
   h. Remove air cleaner.
   i. Remove top front stabilizer and both upper rocker boxes.
   j. Remove spark plugs.
   k. Elevate rear wheel.
   l. Remove front and rear rocker carriers.
   m. Remove push rods and tubes.
   n. Remove both lower rocker boxes.
   o. Disconnect connectors from induction module.
   p. Remove horn and bracket.
   q. Remove head temp sensor.
   r. Remove throttle body.
   s. If the motorcycle is high mileage, or if there are other concerns regarding the cylinder condition, perform a three phase leakdown test on each cylinder; TDC, mid-stroke, and BDC. Engage the transmission in a high gear and hold the rear brake to perform the mid-stroke test. Leakage greater than 10% may indicate the cylinders will need to be deglazed and new piston rings installed. Contact Harley-Davidson Technical Service with test results for direction and approval.
   t. Remove both cylinder heads.
   u. Remove both cylinders.

2. Clean all gasket surfaces and verify head gasket surface of cylinder is flat within 0.006 in (0.152 mm) or less.

3. Visually inspect the cylinder bores for damage.

   NOTE
   If additional warranty parts or labor are needed, Harley-Davidson Technical Service must be contacted to obtain approval before proceeding.

4. Assemble engine in reverse of disassembly. Refer to the appropriate service manual or supplement for proper assembly procedures and specifications.

5. Install new ACR soleniods supplied.

6. See Figure 1. Replace the crankcase bolt using part number 1090A supplied.
   a. Remove front shift linkage fastener (1) to gain access to the crankcase bolt (2).
   b. Remove bolt (2) and replace with new one supplied. Tighten to 15-19 ft-lbs (20.3-25.8 Nm).
   c. Install linkage fastener and tighten to 70-90 in-lbs (7.9-10.2 Nm).

Credit Procedure -
U.S. Market/Non-U.S. Market

Complete an electronic warranty claim referencing Service Bulletin M-1226. Fill in the rest of the claim as follows:

<table>
<thead>
<tr>
<th>Claim Type</th>
<th>PPC</th>
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<tr>
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<tr>
<td>Quantity</td>
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<tr>
<td>Replacement Part No.</td>
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<tr>
<td>Quantity</td>
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<tr>
<td>Primary Labor Code*</td>
<td>3116</td>
</tr>
<tr>
<td>Time</td>
<td>5.2</td>
</tr>
<tr>
<td>Customer Concern Code*</td>
<td>0906</td>
</tr>
<tr>
<td>Condition Code</td>
<td>9981</td>
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</table>

* These codes may need to be downloaded into your system.

Upon the timely receipt of the claim, you will be credited 5.2 hours of labor for performing the repair above. Hold all replaced parts for 60 days from the date that credit was issued to allow for possible field inspection and/or return of parts to the factory. After 60 days, destroy and discard the parts.
August 14, 2008

Dear Harley-Davidson Motorcycle Owner:

Our records indicate you are the owner of a 2007 /2008 model motorcycle equipped with a “Registered P&A” or “Custom Coverage” street legal Screamin’ Eagle 110 cubic inch engine kit. We have recently made several enhancements in the design and production of our Screamin’ Eagle 110 cubic inch engines that we feel will greatly improve long term reliability of these products. These enhancements include improvements in engine top end gasket designs, center crankcase bolt, and the Automatic Compression Release (ACR).

In the interest of customer satisfaction, Harley-Davidson is offering a no cost upgrade (Product Program 0906) to the owners of 2007 and 2008 model motorcycles equipped with “Registered P&A” or “Custom Coverage” street legal Screamin’ Eagle 110 cubic inch engine kit numbers including: 29844-07, 29845-07, 29866-07A, 29909-07, 29910-07, 29912-07, 27800-08, 27801-08, 278802-08, 27803-08, 27804-08, 29844-08, 29912-08. Upgrades for models in Product Program 0906 will include improved top end gaskets, center crankcase bolt, and the ACR.

While this is not a safety issue, we urge you to contact your authorized Harley-Davidson dealer to schedule an appointment to have the product improvement service performed. These upgrades will help ensure the longevity and expected performance of your Screamin’ Eagle 110’’ engine. The service will be performed at no cost to you if completed within two years from the date of this letter. Based on measured flat rate repair times, the actual service will require less than six hours to perform, however, due to appointment availability and unexpected adjustments in your dealer’s service schedule, your dealer may request to have your motorcycle for a longer period of time. Parts availability at your dealership will begin the week of August 14, 2008.

This no cost offer expires two years from the date of the program announcement (August 14, 2010).

To verify that the service has been completed, your dealer will ask you to sign an acknowledgement when you pick up your motorcycle.

We thank you for your cooperation. We regret any inconvenience this may cause, but we have taken this action in the interest of your continued satisfaction with our product.

Sincerely,

Harley-Davidson Motor Company
August 14, 2008

Dear Harley-Davidson Motorcycle Owner:

Our records indicate you are the owner of a 2007 /2008 Screamin’ Eagle model motorcycle. We have recently made several enhancements in the design and production of our Screamin’ Eagle 110 cubic inch engines that we feel will greatly improve long term reliability of these products. These enhancements include improvements in engine top end gasket designs, center crankcase bolt, and the Automatic Compression Release (ACR).

In the interest of customer satisfaction, Harley-Davidson is offering a no cost upgrade (Product Program 0906) to the owners of 2007 FXDSE, FXSTSSE, FLHRSE3 models, and 2008 FXDSE2, FXSTSSE2, FLHRSE4 models built before May 14, 2008. Also included in Product Program 0906 will be 2008 FLHTCUSE3 models built April 9, 2008 through May 13, 2008. Upgrades for models in Product Program 0906 will include improved top end gaskets, center crankcase bolt, and the ACR.

While this is not a safety issue, we urge you to contact your authorized Harley-Davidson dealer to schedule an appointment to have the product improvement service performed. These upgrades will help ensure the longevity and expected performance of your Screamin’ Eagle 110” engine. The service will be performed at no cost to you if completed within two years from the date of this letter. Based on measured flat rate repair times, the actual service will require less than six hours to perform, however, due to appointment availability and unexpected adjustments in your dealer’s service schedule, your dealer may request to have your motorcycle for a longer period of time. Parts availability at your dealership will begin the week of August 14, 2008.

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We thank you for your cooperation. We regret any inconvenience this may cause, but we have taken this action in the interest of your continued satisfaction with our product.

Sincerely,

Harley-Davidson Motor Company
RECALL AND PRODUCT CAMPAIGN ORDER FORM

M-1226 PRODUCT CAMPAIGN 0906

<table>
<thead>
<tr>
<th>TYPE CODE</th>
<th>ORDER TYPE</th>
<th>VEHICLE IDENTIFICATION NUMBER(S)</th>
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<tbody>
<tr>
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<td>RECALL</td>
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</tr>
<tr>
<td>PC</td>
<td>PRODUCT CAMPAIGN</td>
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<table>
<thead>
<tr>
<th>QUANTITY</th>
<th>PART NUMBER</th>
<th>ITEM</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>94677</td>
<td>Code 0906: CVO 110 GASKET KIT</td>
</tr>
</tbody>
</table>

**NOTE:** All orders are subject to approval. You may not receive the total quantity of kits ordered due to parts availability. If this happens, please submit another order for the balance, following all order procedures indicated in the Service Bulletin. Fax orders to the warranty department: 414-343-8346. You must include VIN number (if required) and your dealer number.

**ALL ORDERS SUBJECT TO ACCEPTANCE AT MILWAUKEE, WI USA 53201**

**NOTE:** An order acknowledgement is automatically generated and faxed to your dealership's fax number as listed in GDIS the same day as your order is entered at HDMC. This acknowledgement will provide you with the order status and order number. To retrieve order information based on the Harley-Davidson order number, go to P&A Order Inquiry on h-dnet.com under the Parts and Accessories link, select H-D Order Number, enter the order number and click “Submit”. At the bottom of the page, click on “Track Part” to view tracking information for the order.