

SERVICE BULLETIN

M-1165

January 18, 2005



FUEL DELIVERY SYSTEM QUALITY INVESTIGATION

Purpose

Harley-Davidson is currently investigating fuel system delivery quality improvement opportunities. As part of our efforts towards continuous improvement, we are requesting that if you encounter an issue that has been diagnosed as a mis-adjusted/improperly adjusted float, or any diagnosis that requires removal of the carburetor float chamber [bowl] that you please remove and replace the entire carburetor. We need the carburetors returned to Harley-Davidson un-tampered/un-disturbed so they can be co-examined with our supplier in the carburetor's "as manufactured" condition.

The other area we are investigating is issues related to the intake seals (Part No. 26995-86B) on all models. If your diagnosis of an issue concludes that intake seal replacement is required, please contact Technical Service prior to replacement.

The duration of this program is for related claims filed between current date and March 1st 2005. After March 1st, 2005 you may perform the appropriate repairs as necessary.

Motorcycles Affected

Carburetor issues involve 2004 and 2005 model motorcycles that are within the original factory vehicle warranty period.

Intake seal issues involve all 2004 and 2005 model motorcycles that are within the original factory vehicle warranty period.

Required Dealer Action

If the warranty repair would normally involve removing the carburetor float chamber, please order and replace the entire carburetor, following the procedures defined in the appropriate service manual.

WARNING

Stop the engine when refueling or servicing the fuel system. Do not smoke or allow open flame or sparks near gasoline. Gasoline is extremely flammable and highly explosive, which could result in death or serious injury. (00002a)

WARNING

Gasoline can drain from the carburetor fuel line when disconnected from fuel valve fitting. Gasoline is extremely flammable and highly explosive, which could result in death or serious injury. Wipe up spilled fuel immediately and dispose of rags in a suitable manner. (00256a)

When the call-back tag is received, please prepare the carburetor for shipment:

- a. Completely drain the carburetor of gasoline.

WARNING

Compressed air can pierce the skin and flying debris from compressed air could cause serious eye injury. Wear safety glasses when working with compressed air. Never use your hand to check for air leaks or to determine air flow rates. (00061a)

- b. Gently blow low-pressure compressed air into the carburetor overflow fitting to purge the carburetor float chamber of fuel vapors.
- c. Clean all residue of fuel from outer surface of carburetor.

Properly package carburetor and return to Harley-Davidson.

If the warranty repair would normally involve replacing the intake seals please contact Technical Service prior to replacing.

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 referencing Service Bulletin M-1165.

Please use condition code 3107 and include a detailed description of the problem. Returned carburetors found to be modified or obviously disassembled/reassembled will cause the claim to be rejected.

Fill in the rest of the claim form as follows:

Table 1. Warranty Claim Entries

Claim Type	EMS
Event 1, Problem Part No., Qty., Description	Appropriate carburetor and/or intake seal part number and quantity
Customer Concern Code	9203
Condition Code	3107
Primary Labor Code	3535
Time Allowed, all models	0.7 hour

Return Shipping Information

Upon receipt of the properly completed claim for either the carburetor or the intake seal replacement, you will receive a bar coded label requiring you to return the component by a specified date.

In order to receive prompt and accurate credit, return the parts as indicated on the label by the specified date.

You will be paid for parts and labor as indicated, in addition to return postage.