

SERVICE BULLETIN



M-1167

Safety Recall Code 0118

January 26, 2005

SAFETY RECALL—FUEL VALVE (CARBURETED)

Purpose

Harley-Davidson Motor Company, Inc. has learned that certain motorcycles produced for the California, domestic and HDI markets were built with a fuel shut-off valve that was mis-manufactured by the supplier. As a result the functionality of the “on” and “reserve” positions of the valve have been reversed. Consequently, when the control handle of the valve is set in the “on” position the valve actually selects the “reserve” position fuel flow path, and when the valve is in the “reserve” position it selects the “on” flow path.

When the operator of a vehicle with one of these valves is operating the bike with the valve in the “on” position and begins to run out of fuel, the expected fuel reserve will not be available. If this occurs it could create a “quit while riding” situation which could lead to a crash, thereby causing death or injury to the rider.

In the interest of motor vehicle safety and customer satisfaction, Harley-Davidson has elected to initiate a voluntary recall (Campaign 0118) to replace the affected fuel valves. As required by law, you may sell but NOT DELIVER any affected motorcycles to your customers until the recall is performed.

See **Required Dealer Action** to perform the recall service.

Motorcycles Affected

This campaign involves 2005 carbureted Harley-Davidson models built during the months of October and November, 2004 (refer to [Table 1.](#)), for sale in the California, domestic and HDI markets.

You may receive two VIN lists. VIN list A is a list of all vehicles affected that require inspection and if necessary, replacement of the fuel valve assembly. VIN list B is a list of all vehicles affected that require removal and replacement of the fuel valve assembly. Do not perform the inspection procedure on vehicles on VIN list B.

Table 1. List of Affected Motorcycles

Model Family	Ship Date
XL	10/13/04-11/18/04
Dyna	10/12/04-11/18/04
Softail	10/18/04-11/19/04
Touring	10/18/04-11/19/04

Customer Notification

In accordance with Federal regulations administrated by NHTSA, Harley-Davidson Motor Company, Inc. will provide notice to all owners of record of affected products with direction to bring the vehicle in for the recall service.

To protect the safety of our riders, it is our mutual responsibility to ensure the recall service is performed on all affected motorcycles. Therefore, we strongly urge you to perform the recall service even if the motorcycle was not purchased from your dealership.

You are also required to perform the recall service on all affected vehicles in your dealership inventory prior to delivering, renting or leasing those vehicles.

If you are not sure that a safety recall has been completed on a particular motorcycle, check the recall records available on TALON and h-dnet.com

IMPORTANT NOTE

Because only registered owners will receive notification from us, we request that you contact any owners of vehicles that your records show as unregistered. Advise them of the safety recall and make arrangements for them to come in for recall service. We also require that you provide us with their names, addresses and VINs as soon as possible to enable us to mail them an owner's letter, as required by the National Traffic and Motor Vehicle Safety Act (as amended).

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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The customer will need to make an appointment with you. After inspection of the vehicle, if it is determined the fuel valve is mis-manufactured, order a recall kit using the attached order form. A VIN and the applicable part number will be required on the order form. No recall kits will be shipped without a VIN. FAX the order to 414-343-8346. Upon receipt and processing of the properly completed order, we will ship the required replacement for your customer's vehicle via UPS Next Day service.

Required Dealer Action

All Vehicles On VIN List A

NOTE

In the course of performing the following procedures, if the fuel valve is found to be mis-manufactured, the faulty component inside the fuel valve is a non-serviceable part and cannot be repaired. The fuel valve must be replaced.

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)

Verifying Fuel Valves At Pre-Delivery Inspection

1. Position the vehicle on the jiffy stand.
2. Fill fuel tank with 0.5 gallons (1.9 liters) of fuel.
3. Turn fuel valve handle to the ON position.

NOTE

When attempting to start a vehicle at PDI, remember that the vehicle has not been previously started and may require several revolutions of the engine to create vacuum and pull fuel into the float bowl.

4. Turn ignition switch ON and attempt to start vehicle.
5. If vehicle does not start with fuel valve in the ON position:
 - a. Turn fuel valve handle to the RES (reserve) position and attempt to start vehicle again.
 - b. If vehicle starts with fuel valve in the RES position, turn fuel valve handle to the ON position. Vehicle should stall when all fuel in float bowl is used up (this should take less than two minutes).
 - c. If vehicle stalls with fuel valve in the ON position, fuel valve works properly. No repair is necessary.
6. If vehicle starts with fuel valve in the ON position:
 - a. Turn fuel valve handle to the RES position.
 - b. If vehicle stalls after fuel in float bowl is used up (this should take less than two minutes), the fuel valve is mis-manufactured and needs to be replaced. Follow service manual procedures to replace fuel valve with appropriate recall kit.

NOTE

Partial filling of the fuel tank and checking function of the fuel valve is already part of PDI procedure and is described in PDI instructions.

Verifying Fuel Valves After PDI

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)

WARNING

With fuel tank drained, gasoline can spill from bore when supply valve is loosened or removed. 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. (00277a)

1. Position the vehicle on the jiffy stand.
2. Remove fuel line clamp from bottom of fuel valve. Remove fuel line from valve fitting.
3. Attach a drain line from fuel valve to a fuel safe container.
4. Remove vacuum line from fuel valve vacuum port. Connect MITY-VAC HAND PUMP (Part No. HD-23738-A) to vacuum port.
5. Pump MITY-VAC one time.
6. Turn fuel valve handle to the ON position and drain fuel until no more fuel flows from valve.
7. Turn fuel valve handle to the RES (reserve) position.

NOTE

If vacuum was lost in MITY-VAC, pump it once.

8. If fuel does not flow out of fuel valve, the fuel valve is mis-manufactured and needs to be replaced. Follow service manual procedures to replace fuel valve with appropriate recall kit.

All Vehicles On VIN List B

For vehicles identified on VIN list B, do not inspect/verify fuel valve. Following service manual procedures, remove and replace fuel valve assembly with appropriate recall kit, regardless of whether or not the fuel valve appears to operate correctly.

Verifying New Fuel Valves in Dealer Inventory

If you have fuel valves or fuel valve kits in your inventory, please compare package dates to the dates in [Table 2](#). If the package date matches the suspect dates in the table, return the fuel valve or kit per [Table 3](#).

If you have installed a fuel valve that may have the suspect package dates, please send the customer a copy of the customer letter attached to this bulletin. Have the customer bring the vehicle back for inspection of the fuel valve and perform the **Verifying Fuel Valves After PDI** procedure described on the previous page.

If the vehicle is found to have a mis-manufactured fuel valve, follow service manual procedures to replace fuel valve with appropriate recall kit and follow procedure under [Table 4](#). If vehicle's fuel valve is found to function normally, follow [Table 5](#).

Table 2. Part Numbers and Package Dates of New Fuel Valves and Kits

Application	Part No.	Ship Date
Fuel valve, big twin	61338-02	10/11/04-11/2/04
Fuel valve, XL	62169-02A	10/26/04-11/16/04
Kit, big twin	61338-94D	11/9/04
Kit, XL	62169-95C	10/19/04-11/17/04

Credit Procedures

Table 3. Kits in Stock

Claim Type	HPR
Quantity*, Problem Part No.**	
Customer Concern Code	0118
Condition Code	9109

* Quantity will vary, depending on amount in stock.

** Part and/or part numbers will vary depending on what you have in stock.

Table 4. P&A Kits Installed on Unaffected Vehicles Tested, Required Replacement

Claim Type	HPF
Quantity, Problem Part No., Description	*
Primary Replace Labor Code	2515
Time (includes administration time)	0.5
Customer Concern Code	0118
Condition Code	9109

* Part number will vary, depending upon which fuel valve or kit was on vehicle. Upon receipt of the properly completed warranty claim, you will be credited for labor only, as the repair kits were sent no charge, transportation paid.

Table 5. P&A Kits Installed on Unaffected Vehicles Tested, No Replacement Required

Claim Type	HPI
Quantity, Problem Part No.*	
Primary Labor Code, Inspect Only	2517
Time (includes administration time)	0.5
Customer Concern Code	0118
Condition Code	9109

* Part number will vary, depending upon which fuel valve was inspected on vehicle. Upon receipt of the properly completed warranty claim, you will be credited for labor to inspect.

Please be advised that for Tables 3, 4 and 5, a warranty claim form needs to be completed (Part No. 99520-76D). Tables 4 and 5 also require a VIN.

For Tables 3 and 4, the part or parts will need to be returned with a properly completed warranty form and sent to Harley-Davidson Motor Company, Warranty Return Dept., 3801 W. Juneau Avenue, Milwaukee, WI 53208.

Credit Procedure—Affected Vehicles from VIN Lists

Complete a Dealer Service Card for each vehicle serviced. Write safety recall code "0118" on the card and place the letter "I" or "C" in the letter box; if after verifying fuel valve is good, place the letter "I" in the letter box. If fuel valve is verified defective, place the letter "C" in the letter box. If fuel valve is good, return only Dealer Service Card.

If the fuel valve is defective, return of the fuel valve is required. See **Return Shipping Information** which follows.

You will be credited 0.5 hours for inspection and/or performing the recall procedure (which includes 0.1 hour for dealer administration time) and return postage, if necessary.

IMPORTANT NOTES

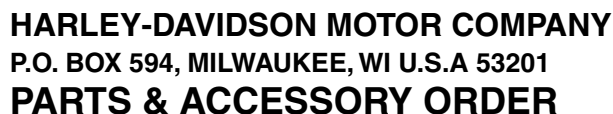
- *If you have performed an inspection or replacement of the fuel valve on any vehicle as per Dealer Communications letter dated November 19, 2004, we have or will endeavor to capture this repair information and update our recall completions records for those vehicles. Duplicate credit will not be issued.*
- *The recall repair process outlined in this bulletin supercedes the process outlined in the Dealer Communications. Please now follow the process defined herein.*

Return Shipping Information

Be sure to return the replaced fuel valve along with the completed Dealer Service Card. Failure to do so will result in a delay of your credit and will show as an open recall until we receive the defective fuel valve.

Upon receipt of the fuel valve and properly completed Dealer Service Card, you will be credited for labor and return postage.

You will not be issued credit for parts because they were shipped no charge, transportation paid.



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CITY/STATE/ZIP _____

TYPE CODE	ORDER TYPE	VEHICLE IDENTIFICATION NUMBER
R	REGULAR	
P	POLICE	
D	DOWN VEHICLE	
W	WARRANTY	
RC	RECALL	

DEALER ORDER	
ORDER DATE	
DEALER NO.	
ORDER TYPE	RC
WARRANTY CLAIM NO.	

FOR OFFICE USE ONLY	
ACCT.	1744118
FRT. ACCT	1744118

[illegible]

**PLEASE USE PART NUMBERS
DO NOT USE FOR
CORRESPONDENCE**

ALL ORDERS SUBJECT TO ACCEPTANCE AT MILWAUKEE, WI 53201

All goods covered by this order, including goods back-ordered, will be billed at prices current at the time of shipment. Goods are purchased for resale and delivery is made to purchaser F.O.B. factory, Milwaukee, Wisconsin or other point of origin. If accepted, this order as accepted shall be subject to availability of goods to seller for delivery to purchaser. Any delay in shipment shall not relieve purchaser of responsibility for his accepted order and seller shall not be liable for any loss or damage due to delay in shipment or failure to deliver. Any request for cancellation of this order or any part thereof must be received by seller prior to the date of shipment, and in case of rescission or return of goods to seller, purchaser shall pay the entire cost connected therewith, plus zero, ten or twenty-five percent of selling price, as determined by Company policy from time to time, as liquidated damages for loss of sale. Purchaser will be responsible for collection and payment of all Federal, State and local taxes that apply on the retail sales.

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**PLEASE USE PART NUMBERS
DO NOT USE FOR
CORRESPONDENCE**