

Part 573 Safety Recall Report**15V-474****Manufacturer Name :** Harley-Davidson Motor Company**Submission Date :** JUL 24,2015**NHTSA Recall No. :** 15V-474**Manufacturer Recall No. :** 0167**Manufacturer Information :**

Manufacturer Name : Harley-Davidson Motor Company

Address : 3700 W. Juneau Avenue

Milwaukee WI 53201-0653

Company phone : (414) 343-4056

Population :

Number of potentially involved : 10,580

Estimated percentage with defect : 0

Vehicle Information :

Vehicle : 2015-2015 Harley-Davidson XG500

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Harley-Davidson Street Motorcycle – XG500

Production Dates : JAN 20, 2014 - JUN 24, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2015-2015 Harley-Davidson XG750

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Harley-Davidson Street Motorcycle – XG750

Production Dates : MAY 12, 2014 - JUN 24, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : The fuel pump module, P/N 61200001, on some model year 2015 Harley-Davidson Street family vehicles (XG500 and XG750) may have a poor seal at the fuel pump inlet.

FMVSS 1 :NR

FMVSS 2 :NR

Description of the Safety Risk : A poor seal may allow an interruption to the fuel supply under acceleration at low fuel levels, possibly before the low fuel indicator has illuminated. If this condition remains undetected, under acceleration with the fuel level below 0.8 gallons, the motorcycle may briefly hesitate and then restore power abruptly, possibly leading to a loss of control.

Description of the Cause : The retaining feature which holds the fuel pump pick-up to the fuel pump inlet may not maintain the necessary hydraulic seal.

Identification of Any Warning that can Occur : The rider may detect a hesitation during acceleration when the fuel level is getting low.

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

April 23, 2015: NHTSA's Office of Defects Investigation forwarded fourteen VOQs in which vehicle owners reported possible inconsistent throttle response in Street model motorcycles (PE15-015). Harley-Davidson initiated an investigation into these reports. At that time, there was one reported crash without injury, and one injury without a crash. Field parts were requested to be returned and a root cause team was formed.

May 2015: An initial theory being explored was that the issue could potentially involve a loose fuel pump pick-up where the assembly attaches to the fuel pump. Harley-Davidson began testing returned fuel pumps with loose pick-ups, and while we were able to recreate the condition at very low fuel levels (0.3 gallons and lower), we were unable to recreate this condition at some of the higher fuel levels (between 0.3 and 1.0 gallon) being reported in the field. Harley-Davidson initiated recovery of a fuel tank assembly that NHTSA had verified had the issue at the higher fuel levels.

June 2015: The recovered fuel tank assembly was received and testing was initiated. Harley-Davidson confirmed that this assembly had the reported issue at higher fuel levels, and data collected on this assembly verified the sudden loss and then return of fuel pressure, resulting in the reported "lag and leap" condition. Examination of the fuel pump also confirmed the loose fuel pick-up. Testing on additional fuel pumps and returned fuel tank assemblies was initiated to fully verify this root cause.

July 2015: Testing was completed on field return fuel pumps, and results analyzed, confirming that a loose fuel pick-up could cause the reported "lag and leap" condition. A final analysis was made from warranty, customer contacts, and NHTSA Vehicle Owner Questionnaires, which revealed eight crashes with two minor injuries.

July 17, 2015: Harley-Davidson's executive management determined that a safety-related defect exists in the subject population.

Description of Remedy :

Description of Remedy Program : Owners of the affected motorcycles will be asked to arrange service with an authorized Harley-Davidson dealer, who will confirm that the motorcycle is covered by this recall. If covered, the dealer will install a new fuel pump assembly from the recall kit (P/N 91500085) provided. This service will be provided at no charge to the customer. All motorcycles within the affected population remain under the manufacturer's warranty. Therefore, pursuant to 49 CFR 577.11 (e), Harley-Davidson requests that it be exempt from the reimbursement plan requirements for this recall.

How Remedy Component Differs from Recalled Component : An additional retaining feature helps maintain the hydraulic seal between the fuel pump inlet and the fuel pump pick-up.

Identify How/When Recall Condition was Corrected in Production : Production motorcycles built beginning on July 6, 2015, were built with fuel pumps that contain an additional retaining feature that helps maintain the hydraulic seal between the fuel pump inlet and the fuel pump pick-up.

Recall Schedule :

Description of Recall Schedule : Harley-Davidson will notify the dealer network on or about 08/3/2015. Customer notification letters will be sent beginning on or about 08/17/2015.

Planned Dealer Notification Date : AUG 03, 2015 - AUG 04, 2015

Planned Owner Notification Date : AUG 17, 2015 - AUG 21, 2015

* NR - Not Reported