



Harley-Davidson Motor Company
3700 West Juneau Ave., PO Box 653, Milwaukee, WI 53201
414/342-4680

VIA EMAIL (RMD.ODI@DOT.GOV) and CERTIFIED MAIL

April 7, 2014

Ms. Nancy L. Lewis
Associate Administrator for Enforcement
National Highway Traffic Safety Administration
US Department of Transportation
1200 New Jersey Avenue, SE
Washington, DC 20590

Dear Ms. Lewis:

The following information is submitted in accordance with the National Highway Traffic Safety Administration's defect and noncompliance reporting regulations, 49 CFR Part 573.6.

Harley-Davidson Motor Company, Inc. has decided that a defect related to motor vehicle safety may exist on certain model year 2013-2014 FXSB model motorcycles. .

IDENTIFICATION OF VEHICLES POTENTIALLY CONTAINING THE DEFECT:

This recall involves 9,102 motorcycles shipped in the U.S, which represents certain model year 2013-2014 FXSB and FXSBSE models built 3/20/2012 through 3/10/2014. This recall covers the subject motorcycle population in its entirety, although not all of these motorcycles may contain the defect.

DESCRIPTION OF DEFECT:

Some of these motorcycles may run out of fuel while the fuel range indicator shows miles remaining, in some cases before the low fuel warning lamp illuminates. If this condition remains undetected it could cause the engine to stop running unexpectedly. While in traffic, a stall can possibly lead to a crash. Harley-Davidson has initiated this recall to correct this condition in the affected motorcycles.

CHRONOLOGY OF EVENTS:

On 1/7/14 a Harley-Davidson Current Product Engineering reliability engineer reported to the Recall Investigation Committee that a test bike unexpectedly ran out of fuel while it was being operated. As a result of this report the RIC initiated an investigation and analysis of this issue.

A search of existing warranty data and customer contact data revealed 6 reports that appeared to be likely related to this issue and an additional 16 reports that *might* be related.

Engineering analysis of the condition indicated that due to suspension differences between various Softail models, the fuel tank on the models identified above is pitched forward approximately 3 degrees as compared to other models in the Softail family. This particular configuration reduces the actual volume of fuel available when the float arm reaches the position at which the Low Fuel Warning lamp is illuminated.

During February and March of 2014, an analysis of the performance characteristics of the fuel level indication system and an evaluation of the potential consequences of this condition were conducted.

As this investigation and analysis was being completed, a further search of existing warranty and customer contact data was conducted. This showed a total of 8 customer contacts and 2 associated warranty claims in which customers reported that they unexpectedly ran out of fuel, as well as an additional 17 warranty claims relating generally to fuel level indication inaccuracy. None of our available data indicate any reports of crashes or injuries related to this issue.

On 3/31/14, upon review of the results of the RIC's investigation and analysis, Harley-Davidson's executive management made its determination that a safety related defect exists in the subject population and declared a recall to remedy the issue.

DESCRIPTION OF THE PROGRAM TO REMEDY THE DEFECT:

Owners will be asked to arrange service with an authorized Harley-Davidson dealer, who will apply a software update to recalibrate the fuel level sensor signal on affected motorcycles free of charge.

HARLEY-DAVIDSON MOTOR COMPANY PRE-NOTIFICATION REMEDY REIMBURSEMENT PROGRAM:

Pursuant to 49 C.F.R. § 577.11(e), Harley-Davidson requests that it be exempt from providing notification of a reimbursement plan. All of the affected products are covered by the manufacturer's limited warranty. Accordingly, no person would be eligible for reimbursement pursuant to § 573.13.

DEALER AND OWNER NOTIFICATION:

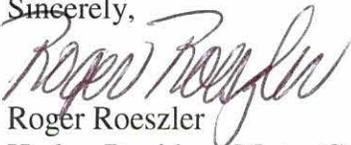
Harley-Davidson expects to notify its dealer network during the week of 4/7/2014 and motorcycle owners the week of 4/28/2014.

PART 577 NOTICE LETTER:

A draft of the owner notification letter is attached.

Please advise the undersigned of the campaign number assigned by ODI to this recall.

Sincerely,



Roger Roeszler
Harley-Davidson Motor Company, Inc.
Recall 0155

Enclosure (Draft Part 577 Owner Letter)