

Part 573 Safety Recall Report**16V-283****Manufacturer Name :** Harley-Davidson Motor Company**Submission Date :** MAY 09, 2016**NHTSA Recall No. :** 16V-283**Manufacturer Recall No. :** 0168**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 : 8,060

Estimated percentage with defect : 100

Vehicle Information :

Vehicle : 2014-2016 Harley-Davidson Dyna Low Rider (FXDL 103)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Harley-Davidson Dyna Low Rider (FXDL 103)

Production Dates : JAN 06, 2014 - APR 07, 2016

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : The Ignition Switch, P/N 71400113, on certain M.Y. 2014.5 – 2016 FXDL model motorcycles built from 1/6/14 through 4/7/16 in Kansas City may become damaged internally due to engine-induced vibration.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If this condition remains undetected it could cause the engine to unexpectedly shut off while the motorcycle is being ridden, increasing the risk of a crash.

Description of the Cause : Vibration from the engine, which the switch is mounted to, may damage the internal electronics of the ignition switch.

Identification of Any Warning that can Occur : The rider may experience slight hesitation when accelerating through the 4500 - 5500 RPM range.

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

2/24/16: Harley-Davidson's Recall Investigation Committee (RIC) was notified of an ignition switch issue that was observed during testing of future product by our Reliability Engineering organization. Because the future product being tested used the same ignition components as current production, the RIC initiated an investigation and analysis to evaluate this issue on existing models.

2/26/16: An initial search and review of warranty and customer contacts was conducted. This search revealed 70 warranty claims and 2 customer complaints potentially related to this issue. There were no crashes associated with any of these reports.

2/29/16 – 4/21/16: Harley-Davidson conducted a root cause analysis in conjunction with our supplier, contacted / interviewed customers and obtained failed parts from dealers to facilitate a more in-depth investigation of the failure mode. The returned failed component teardown and investigation was completed and a follow-on review of warranty and customer contacts was conducted.

5/2/16: Upon review of the results of the RIC's investigation and analysis, Harley-Davidson's executive management made its determination that a safety defect existed in the subject population and declared a recall to remedy the issue.

To date, there have been no reports of accidents or injuries related to this condition.

Description of Remedy :

Description of Remedy Program : Harley--Davidson will notify the dealer network on or about 05/16/2016. Customer notification letters will be sent beginning on or about 05/23/2016

"Pursuant to 49 CFR §577.11 (e), Harley-Davidson requests that it be exempt from providing notification of a reimbursement plan. Any pre-notification product failure would have been replaced under the manufacturer's limited warranty. Accordingly, no person would be eligible for reimbursement pursuant to §573.13."

How Remedy Component Differs from Recalled Component : A snap ring has been added to the switch to minimize axial movement of the switch internal components. Additionally, ribs that limit movement have been added to protect the PCB.

Identify How/When Recall Condition was Corrected in Production : Production of suspect model was suspended on 04/07/2016. When production is resumed, newly produced

models will use a switch with the remedy described above.

Recall Schedule :

Description of Recall Schedule : Harley-Davidson will notify the dealer network on or before 05/16/2016.
Customer notification letters will be sent beginning on or about 05/23/2016.

Planned Dealer Notification Date : MAY 16, 2016 - MAY 17, 2016

Planned Owner Notification Date : MAY 23, 2016 - MAY 27, 2016

* NR - Not Reported