

Part 573 Safety Recall Report**15V-427**

Manufacturer Name : Harley-Davidson Motor Company
Submission Date : JUN 29,2015
NHTSA Recall No. : 15V-427
Manufacturer Recall No. : 0166

**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 : 185,272
 Estimated percentage with defect : 0

Vehicle Information :

Vehicle : 2014-2015 Harley-Davidson Road King (FLHR)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Harley-Davidson Touring Motorcycles – Road King (FLHR)

Production Dates : MAY 03, 2013 - MAY 26, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

Not sequential VINs

Vehicle : 2014-2015 Harley-Davidson Street Glide (FLHX)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Harley-Davidson Touring Motorcycles - Street Glide (FLHX)

Production Dates : MAY 03, 2013 - MAY 26, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

Not sequential VINs

Vehicle : 2014-2015 Harley-Davidson Street Glide Special (FLHXS)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Harley-Davidson Touring Motorcycles - Street Glide Special (FLHXS)

Production Dates : JUN 28, 2013 - MAY 26, 2015

Vehicle : 2015-2015 Harley-Davidson Road Glide (FLTRX)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Harley-Davidson Touring Motorcycles - Road Glide (FLTRX)

Production Dates : JUL 14, 2014 - MAY 26, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

Not sequential VINs

Vehicle : 2015-2015 Harley-Davidson Road Glide Special (FLTRXS)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Harley-Davidson Touring Motorcycles - Road Glide Special (FLTRXS)

Production Dates : JUL 14, 2014 - MAY 26, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

Not sequential VINs

Vehicle : 2014-2015 Harley-Davidson Police Road King (FLHP)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Harley-Davidson Touring Motorcycles - Police Road King (FLHP)

Production Dates : AUG 01, 2013 - MAY 15, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

Not sequential VINs

Vehicle : 2014-2015 Harley-Davidson Police Electra Glide (FLHTP)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Harley-Davidson Touring Motorcycles - Police Electra Glide (FLHTP)

Production Dates : MAY 03, 2013 - MAY 26, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

Not sequential VINs

Vehicle : 2014-2014 Harley-Davidson CVO Road King (FLHRSE)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Harley-Davidson Touring Motorcycles - CVO Road King (FLHRSE)

Production Dates : MAY 03, 2013 - JUN 26, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

Not sequential VINs

Vehicle : 2015-2015 Harley-Davidson CVO Street Glide (FLHXSE)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Harley-Davidson Touring Motorcycles - CVO Street Glide (FLHXSE)

Production Dates : JUL 21, 2014 - MAY 26, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

Not sequential VINs

Vehicle : 2014-2015 Harley-Davidson CVO Ultra Limited (FLHTKSE)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Harley-Davidson Touring Motorcycles - CVO Ultra Limited (FLHTKSE)

Production Dates : MAY 03, 2013 - MAY 26, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

Not sequential VINs

Vehicle : 2015-2015 Harley-Davidson CVO Road Glide Ultra (FLTRUSE)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Harley-Davidson Touring Motorcycles - CVO Road Glide Ultra (FLTRUSE)

Production Dates : MAY 13, 2014 - MAY 26, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

Not sequential VINs

Description of Defect :

Description of the Defect : The saddlebag mounting receptacle, P/N 10900009 on some model year 2014 and 2015 Touring family vehicles may not adequately secure the saddlebag to the motorcycle during use.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If this condition remains undetected, the saddlebag may become separated from the motorcycle while it is in motion, possibly creating a hazard for other motorists.

Description of the Cause : Under certain conditions, the spring wire in the receptacle may not maintain adequate tension, allowing the mounting stud to disengage from the receptacle.

Identification of Any Warning that can Occur : Upon inspection, the owner may discover that the saddlebag is loose.

Supplier Identification :**Component Manufacturer**

Name : Optimas Inc

Address : 2301 Patriot Blvd

Glenview ILLINOIS 60026

Country : United States

Chronology :

January 2015 – Due to elevated warranty claims, Harley-Davidson initiated an investigation into reports of saddlebags separating from the subject motorcycles. There were no reported crashes or injuries at that time. Field parts were requested to be returned and a root cause team was formed.

February 2015 – An initial theory being explored was that a misaligned support rail for the lower saddlebag could lead to an increased load on the saddlebag retention system. Our factory in York, PA instituted an inspection of production motorcycles to understand the potential alignment issue and began studying production parts dimensions and the assembly process related to the retention system.

March 2015 – May 2015 -- The root-cause team continued to evaluate production parts and the production process. The team also began receiving field returns of the saddlebag retention clip from customers who had reported issues. In April, data collection was initiated to study how differences in rear shock and saddlebag support configurations may affect the saddlebag retention system, and lab tests were developed to evaluate the root cause.

June 2015 – Ongoing monitoring of warranty and customer complaints revealed continued warranty claims potentially related to this issue, with no reported crashes or injuries. Examination of field returns and laboratory tests indicated that the combination of a misaligned support rail, joint stack-up differences and a spring wire in the retention system that could yield under increased loads may result in a failure of the retention system.

June 22, 2015 – Based upon a review of the results of the investigation and analysis, 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 the updated receptacle from the recall kit provided. This service will be provided at no charge to the customer.

How Remedy Component Differs from Recalled Component : The updated receptacle uses Stainless Steel Type 17-7 PH for the wire spring instead of Stainless Steel per ASTM A313 which is what was used for the wire spring on the receptacles on the motorcycles in the recall population. The additional strength of the Stainless Steel Type 17-7 PH has been proven through our testing to eliminate the spring yield issue.

Identify How/When Recall Condition was Corrected in Production : Production motorcycles built beginning on May 26, 2015, were built with the updated receptacle that contains the wire spring made out of Stainless Steel Type 17-7 PH.

Recall Schedule :

Description of Recall Schedule : Harley-Davidson will notify the dealer network on or about 07/13/2015. Customer notification letters will be sent beginning on or about 07/27/2015.

Planned Dealer Notification Date : JUL 13, 2015 - JUL 14, 2015

Planned Owner Notification Date : JUL 27, 2015 - AUG 07, 2015

* NR - Not Reported