

# Part 573 Safety Recall Report

# 16V-471

**Manufacturer Name :** Harley-Davidson Motor Company**Submission Date :** JUN 24, 2016**NHTSA Recall No. :** 16V-471**Manufacturer Recall No. :** 0169**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 : 27,232

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2016-2016 Harley-Davidson Electra Glide Ultra Classic (FLHTCU)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Harley-Davidson Touring Motorcycles - Electra Glide Ultra Classic (FLHTCU)

Production Dates : JUL 28, 2015 - MAR 22, 2016

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 2 : 2016-2016 Harley-Davidson Electra Glide Ultra Classic Low (FLHTCUL)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Harley-Davidson Touring Motorcycles - Electra Glide Ultra Classic Low (FLHTCUL)

Production Dates : JUL 27, 2015 - MAR 15, 2016

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 3 : 2016-2016 Harley-Davidson Ultra Limited Low (FLHTKL)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Harley-Davidson Touring Motorcycles - Ultra Limited Low (FLHTKL)

Production Dates : JUL 29, 2015 - MAR 31, 2016

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 4 : 2016-2016 Harley-Davidson Ultra Limited (FLHTK)  
Vehicle Type : MOTORCYCLES  
Body Style : OTHER  
Power Train : GAS

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

Production Dates : JUL 17, 2015 - MAR 30, 2016

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 5 : 2016-2016 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 : AUG 12, 2015 - MAR 21, 2016

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 6 : 2016-2016 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 : JUL 27, 2015 - MAR 31, 2016

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 7 : 2016-2016 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 : JUL 17, 2015 - MAR 30, 2016

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 8 : 2016-2016 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 : AUG 12, 2015 - MAR 31, 2016

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 9 : 2016-2016 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 : AUG 12, 2015 - MAR 31, 2016

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 10 : 2016-2016 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 : AUG 19, 2015 - FEB 22, 2016

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 11 : 2016-2016 Harley-Davidson Road Glide Ultra (FLTRU)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

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

Production Dates : JUL 22, 2015 - MAR 24, 2016

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 12 : 2016-2016 Harley-Davidson Fat Boy S (FLSTFBS)

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Harley-Davidson Softail Motorcycles - Fat Boy S (FLSTFBS)

Production Dates : JUL 21, 2015 - MAR 15, 2016

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 13 : 2016-2016 Harley-Davidson Softail Slim S (FLSS)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Harley-Davidson Softail Motorcycles - Softail Slim S (FLSS)

Production Dates : JUL 28, 2015 - MAR 31, 2016

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 14 : 2016-2016 Harley-Davidson CVO Softail Pro Street Breakout (FXSE)  
Vehicle Type : MOTORCYCLES  
Body Style : OTHER  
Power Train : GAS

Descriptive Information : Harley-Davidson CVO Softail Motorcycles - CVO Softail Pro Street Breakout (FXSE)

Production Dates : FEB 21, 2016 - MAR 15, 2016

VIN Range 1 : Begin : NR End : NR  Not sequential

## Description of Defect :

Description of the Defect : Harley-Davidson has learned that the hydraulic clutch system with black master cylinder part numbers 36700049B, 36700056B, 36700146 and 36700186 on certain model year 2016 Touring and Softail model motorcycles may exhibit a condition in which it may lose the ability to generate enough lift to disengage the clutch after being parked for an extended period.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If this condition remains undetected it could lead to a loss of control of the vehicle when started in gear or first shifted into gear after being parked for an extended period.

Description of the Cause : A chemical reaction inside the sealed clutch system creates gas bubbles which may cause loss of clutch lift.

Identification of Any Warning that can Occur : In vehicles in which this condition is present, the customer may notice a large amount of "free play" in the clutch lever when they first squeeze the clutch after being parked for an extended period of time.

## Supplier Identification :

### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

## Chronology :

May - June 2016: Harley-Davidson's Recall Investigation Committee, as part of its post-recall monitoring function related to Recall 0165 (NHTSA Recall No. 15V216) involving certain MY2014 and 2015 models, observed a spike in the number of similar warranty claims/reports in MY2016 motorcycles. Components used in MY2016 production were subjected to various process changes to ensure a higher degree of cleanliness in order to reduce the potential for a chemical reaction and development of gas bubbles in the clutch master cylinder that prompted the prior recall.

June 2016: Investigation of the reports indicated that the process changes applied to a specified production range of MY2016 motorcycles may not have effectively eliminated or mitigated the condition. (This does not affect the remedy used in the prior recall, which involved a different process. That process -- a distilled water wash to clean out debris, an isopropyl alcohol spray, system bleed, and a rebuild kit -- effectively addressed the condition in the field and will be used in this recall.)

June 17, 2016: Upon review of the results of the RIC's investigation and analysis, Harley-Davidson's executive management made its determination that a safety defect exists in the subject population and declared a recall to remedy the issue.

## 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 flush the clutch system with the recommended wash solution and rebuild the clutch master cylinder using the recall kit provided. This service will be provided at no charge to the customer.
How Remedy Component Differs from Recalled Component :	The remedy is to flush the clutch master cylinder with the recommended wash solution and rebuild the clutch master cylinder using the recall kit provided.
Identify How/When Recall Condition was Corrected in Production :	Motorcycles built beginning on 4/1/2016 were built with clutch master cylinders that have been washed with an ultrasonic washing process that eliminates the chemicals that are reacting and creating gas in the system.

## Recall Schedule :

Description of Recall Schedule :	Harley-Davidson will notify the dealer network on or about 07/06/2016. Owner notification letters will be sent beginning on or about 07/18/2016.
Planned Dealer Notification Date :	JUL 06, 2016 - JUL 08, 2016
Planned Owner Notification Date :	JUL 18, 2016 - JUL 22, 2016

\* NR - Not Reported