

Part 573 Safety Recall Report

18V-076

Manufacturer Name : Harley-Davidson Motor Company**Submission Date :** JAN 29, 2018**NHTSA Recall No. :** 18V-076**Manufacturer Recall No. :** 0171**Manufacturer Information :****Population :**

Manufacturer Name : Harley-Davidson Motor Company

Number of potentially involved : 174,636

Address : 3700 W. Juneau Avenue

Estimated percentage with defect : 1 %

Milwaukee WI 53201-0653

Company phone : (414) 343-4056

Vehicle Information :

Vehicle 1 : 2008-2011 Harley-Davidson Road King (FLHR)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : JUL 05, 2007 - JUN 15, 2011

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

Vehicle 2 : 2008-2011 Harley-Davidson ROAD KING POLICE (EFI) (FLHP)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : JUL 11, 2007 - JUL 11, 2011

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

Vehicle 3 : 2008-2011 Harley-Davidson ROAD KING POLICE (EFI) (FLHPE)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : AUG 29, 2007 - JUN 07, 2011

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

Vehicle 4 : 2008-2011 Harley-Davidson ELECTRA GLIDE STANDARD POLICE (EFI) (FLHTP)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : JUL 12, 2007 - JUN 15, 2011

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

Vehicle 5 : 2008-2011 Harley-Davidson ELECTRA GLIDE CLASSIC (EFI) (FLHTC)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : JUL 05, 2007 - JUN 08, 2011

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

Vehicle 6 : 2008-2011 Harley-Davidson ELECTRA GLIDE ULTRA CLASSIC (EFI) (FLHTCU)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : MAR 22, 2007 - JUN 16, 2011

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

Vehicle 7 : 2008-2008 Harley-Davidson VROD (VRSCA) W/ABS

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : SEP 11, 2006 - APR 02, 2008

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

Vehicle 8 : 2008-2008 Harley-Davidson CVO ROAD KING 4 (FLHRSE4)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : MAR 13, 2007 - JUN 27, 2008

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

Vehicle 9 : 2008-2008 Harley-Davidson NIGHT ROD (VRSCDA) W/ABS

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : JUN 01, 2007 - MAY 05, 2008

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

Vehicle 10 : 2008-2010 Harley-Davidson ROAD KING CLASSIC (EFI) (FLHRC)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : MAY 26, 2006 - JUN 10, 2010

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

Vehicle 11 : 2008-2009 Harley-Davidson ROAD GLIDE (EFI) (FLTR)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : JUN 08, 2007 - JUN 05, 2009

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

Vehicle 12 : 2009-2010 Harley-Davidson V-ROD (VRSCAW)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : MAR 12, 2008 - MAY 11, 2010

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

Vehicle 13 : 2008-2008 Harley-Davidson CVO ULTRA CLASSIC 3 (FLHTCUSE3)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : MAY 17, 2007 - JUN 27, 2008

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 14 : 2008-2009 Harley-Davidson ELECTRA GLIDE STANDARD (EFI) (FLHT)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : JUN 11, 2007 - JUN 06, 2009

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 15 : 2008-2011 Harley-Davidson STREET GLIDE (EFI) (FLHX)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : JUN 29, 2007 - JUN 11, 2011

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 16 : 2009-2009 Harley-Davidson CVO ULTRA CLASSIC (FLHTCUSE4)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : JUN 06, 2008 - JUN 03, 2009

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 17 : 2009-2009 Harley-Davidson CVO ROAD GLIDE 3 (FLTRSE3)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : JUN 06, 2008 - JUN 14, 2009

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 18 : 2008-2008 Harley-Davidson NIGHT ROD SPECIAL (VRSCDXA) W/ABS

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : MAR 24, 2007 - JUN 27, 2008

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

Vehicle 19 : 2009-2011 Harley-Davidson NIGHT ROD SPECIAL (VRSCDX)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : JUN 05, 2008 - JUN 04, 2011

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

Vehicle 20 : 2009-2011 Harley-Davidson V-ROD MUSCLE (VRSCF)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : MAR 13, 2008 - JUN 23, 2011

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

Vehicle 21 : 2010-2010 Harley-Davidson CVO ULTRA CLASSIC 5 (FLHTCUSE5)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : MAY 19, 2009 - MAR 08, 2010

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

Vehicle 22 : 2010-2011 Harley-Davidson ELECTRA GLIDE ULTRA LIMITED (FLHTK)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : OCT 07, 2008 - JUN 23, 2011

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

Vehicle 23 : 2010-2010 Harley-Davidson CVO Street Glide (FLHXSE)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : FEB 11, 2009 - JUN 11, 2010

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

Vehicle 24 : 2011-2011 Harley-Davidson ROAD GLIDE ULTRA (FLTRU103)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : MAY 05, 2010 - JUN 17, 2011

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

Vehicle 25 : 2010-2011 Harley-Davidson ROAD GLIDE CUSTOM (FLTRX)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : MAR 04, 2009 - JUN 10, 2011

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

Vehicle 26 : 2011-2011 Harley-Davidson STREET GLIDE 103 (FLHX103)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : FEB 16, 2010 - JUN 18, 2011

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

Vehicle 27 : 2011-2011 Harley-Davidson ROAD KING CLASSIC 103 (FLHRC103)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : FEB 16, 2010 - JUN 18, 2011

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

Vehicle 28 : 2011-2011 Harley-Davidson CVO ULTRA CLASSIC 6 (FLHTCUSE6)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : APR 22, 2010 - JUN 16, 2011

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

Vehicle 29 : 2011-2011 Harley-Davidson ROAD GLIDE ULTRA 103 (FLTRU103)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : MAY 05, 2010 - JUN 17, 2011

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

Vehicle 30 : 2011-2011 Harley-Davidson CVO ROAD GLIDE ULTRA (FLTRUSE)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : MAY 05, 2010 - JUN 17, 2011

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

Vehicle 31 : 2011-2011 Harley-Davidson ROAD GLIDE CUSTOM 103 (FLTRX103)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : FEB 16, 2010 - JUN 18, 2011

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

Vehicle 32 : 2011-2011 Harley-Davidson CVO STREET GLIDE 2 (FLXHSE2)

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.

Production Dates : FEB 18, 2010 - JUN 13, 2011

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Field data indicates that an elevated number of motorcycles within the subject population may not have had the DOT 4 brake fluid flushed in accordance with the 2-year maintenance cycle specified in the Owner's Manual and Service Manual, possibly due to lack of owner awareness of the importance of regular flushes on their ABS-equipped bikes. Our testing indicates that if the DOT 4 brake fluid is not flushed for a prolonged period of time beyond the 2-year maintenance schedule, a braking issue may develop. Specifically, over an extended period of time, the DOT 4 brake fluid, which is hygroscopic (i.e., it will absorb water from the atmosphere), may begin to gel, which can lead to the formation of deposits on the brake components. If these deposits happen to form on the apply valve in the ABS Hydraulic Control Unit, the valve may stick.

Therefore, we are conducting this recall campaign to offer a one-time brake fluid flush on these motorcycles using a new fluid [H-D Platinum Label DOT 4 Brake Fluid] and to again reinforce the importance of regular brake fluid flushes.

As noted, this condition is associated with owner maintenance practices. Motorcycles that have had brake fluid flushes in accordance with specified maintenance cycle should not be affected by this condition. However, Harley-Davidson is including these motorcycles in the recall population to provide a brake fluid flush using the new H-D Platinum Label DOT 4 Brake Fluid.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Failure to adhere to the specified brake fluid flush cycle may lead to this condition, which (if it remains undetected) may lead to a loss of brake function on the affected wheel without notice, increasing the risk of a crash.

Description of the Cause : DOT 4 brake fluid not being flushed for a prolonged period of time beyond the 2-year maintenance schedule specified in the Owner's Manual and Service Manual, leading to the formation of gel and, eventually, deposits on certain brake components. If these deposits happen to form on the apply valve in the ABS Hydraulic Control Unit, the valve may stick.

Identification of Any Warning that can Occur : The front brake lever or rear brake pedal will feel "hard" and will not be able to be actuated right after startup or right after an ABS event.

Supplier Identification :**Component Manufacturer**

Name : N/A

Address : NR
NR
Country : NR

Chronology :

See Chronology submitted as miscellaneous portal document.

Description of Remedy :

Description of Remedy Program : Owners of 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 entire brake system with a new fluid [H-D Platinum Label DOT 4 Brake Fluid] using Digital Tech II. Owners will also be reminded of the 2-year maintenance cycle specified in the Owner's Manual.

As noted, this condition is associated with delayed or neglected brake fluid maintenance as specified in the Owner's Manual. Harley-Davidson does not intend to reimburse owners under its Reimbursement Program for costs incurred related to prior brake fluid flushes. However, Harley-Davidson is offering the remedy fluid flush (using the new H-D Platinum Label DOT 4 Brake Fluid) free of charge to all motorcycles within the recall population, regardless of their maintenance history.

How Remedy Component Differs from Recalled Component : The new DOT 4 brake fluid that will be used for the remedy flush [H-D Platinum Label DOT 4 Brake Fluid] has a different chemical formulation which has been shown in our testing to be less susceptible to the formation of gel and, ultimately, deposit formation inside the braking system. Owners will also be reminded of the 2-year maintenance cycle specified in the Owner's Manual.

Identify How/When Recall Condition was Corrected in Production : The population was based upon warranty and complaint rates and a possible change in the DOT 4 fluid formulation.

Recall Schedule :

Description of Recall Schedule : NR
Planned Dealer Notification Date : JAN 29, 2018 - JAN 30, 2018
Planned Owner Notification Date : FEB 12, 2018 - FEB 16, 2018

* NR - Not Reported