OMB Control No.: 2127-0004

# Part 573 Safety Recall Report

## 18V-076

**Manufacturer Name:** Harley-Davidson Motor Company

Submission Date: FEB 05, 2018 NHTSA Recall No.: 18V-076 Manufacturer Recall No.: 0171



#### **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: 174,636 Estimated percentage with defect: 1 %

#### **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 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 3: 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

Vehicle 4: 2008-2011 Harley-Davidson ROAD KING POLICE (EFI) (FLHP)

Vehicle Type :	MOTORCYCLES				
Body Style :					
Power Train :	GAS				
Descriptive Information :	Recall covers all equipped with A		<b>08 - 20</b> 1	11 Touring, CVO Touring	and VRSC motorcycles
<b>Production Dates:</b>	JUL 11, 2007 - JU	JL 11, 2011			
VIN Range 1:	Begin:	NR	End:	NR	■ Not sequential
		ey-Davidson R0	JAD KIN	NG POLICE (EFI) (FLHPE)	
V -	MOTORCYCLES				
Body Style :					
Power Train:					lymaa
Descriptive Information :	Recall covers all equipped with A		08 - 201	11 Touring, CVO Touring	and VRSC motorcycles
Production Dates :	AUG 29, 2007 - J	UN 07, 2011			
VIN Range 1:	Begin:	NR	End:	NR	■ Not sequential
Vahiala C.	2000 2011 Hawl	ov Dovidson El	ECTD A	CLIDE CTANDADD DOLL	CE (EEI) (EI HTD)
	MOTORCYCLES	ey-Daviuson Ei	LECIKA	GLIDE STANDARD POLIC	JE (EFI) (FLHIF)
Body Style :					
Power Train :					
		Model Veen 20	റെ ഉറ	11 Touring CVO Touring	and VDCC matanavalag
Descriptive Information :	equipped with A	BS.	UO - ZU	11 Tournig, CVO Tournig	and vest motorcycles
Production Dates :					_
VIN Range 1:	Begin:	NR	End:	NR	☐ Not sequential
Vehicle 7:	2008-2008 Harl	ev-Davidson VI	SOD (VE	PSCAWA) W/ARS	
	MOTORCYCLES	cy Duvidson vi	COD (VI	oscitviti) withdo	
Body Style :					
Power Train :					
Descriptive Information :			08 - 201	11 Touring, CVO Touring	and VRSC motorcycles
Production Dates :					
VIN Range 1:		NR	End:	NR	■ Not sequential
viivitange 1.	Degin .	1410	Liiu .	TVIC	ivot sequentiar
Vehicle 8:	2008-2008 Harl	ey-Davidson Nl	GHT RO	DD (VRSCDA) W/ABS	
Vehicle Type :	MOTORCYCLES				
Body Style :	OTHER				
Power Train :	GAS				
Descriptive Information :	Recall covers all equipped with A		08 - 201	11 Touring, CVO Touring	and VRSC motorcycles
Production Dates :					
	Begin:	NR	End:		■ Not sequential

Vehicle 9:	2008-2008 Harl	ey-Davidson CV	O ROAD KING 4 (FL	HRSE4)
<b>0 1</b>	MOTORCYCLES			
Body Style :	OTHER			
Power Train :	GAS			
Descriptive Information :	Recall covers all equipped with A		08 - 2011 Touring, C	VO Touring and VRSC motorcycles
<b>Production Dates:</b>	MAR 13, 2007 -	JUN 27, 2008		
VIN Range 1:	Begin:	NR	End: NR	☐ Not sequential
Vehicle 10:	2008-2008 Harl	ev-Davidson CV	O ULTRA CLASSIC 3	(FLHTCUSF3)
	MOTORCYCLES	ey Davidson ev	o chimi chilodic o	(TEITTOOSEO)
Body Style :				
Power Train :				
		Model Vear 20	08 - 2011 Touring C	VO Touring and VRSC motorcycles
	equipped with A	ABS.	00 - 2011 Touring, C	vo rouring and vicse motorcycles
Production Dates:				
VIN Range 1:	Begin:	NR	End: NR	☐ Not sequential
Vehicle 11:	2008-2010 Harl	ev-Davidson RO	OAD KING CLASSIC (1	EFI) (FLHRC)
	MOTORCYCLES	ey zavrason w		Ell) (LEIIIVE)
Body Style :				
Power Train :				
	Recall covers all		08 - 2011 Touring, C	VO Touring and VRSC motorcycles
D 1 4 D 1	equipped with A			
Production Dates :			E 1 ND	
VIN Range 1:	Begin :	NR	End: NR	☐ Not sequential
Vehicle 12:	2008-2009 Harl	ey-Davidson EI	ECTRA GLIDE STAN	DARD (EFI) (FLHT)
	MOTORCYCLES			
Body Style :	OTHER			
Power Train :	GAS			
Descriptive Information :	Recall covers all equipped with A		08 - 2011 Touring, C	VO Touring and VRSC motorcycles
Production Dates :				
VIN Range 1:		NR	End: NR	☐ Not sequential
	208		2114.	
Vehicle 13:	2008-2011 Harl	ey-Davidson ST	REET GLIDE (EFI) (I	FLHX)
	MOTORCYCLES	-		
Body Style :				
Power Train :				
Descriptive Information :	Recall covers all equipped with A		08 - 2011 Touring, C	VO Touring and VRSC motorcycles

Production Dates:				
VIN Range 1:	Begin:	NR	End: NR	■ Not sequential
	MOTORCYCLES OTHER	ey-Davidson CV	VO ULTRA CLASSIC (FLHTCUSE4)	
Descriptive Information :	Recall covers all equipped with A		08 - 2011 Touring, CVO Touring a	nd VRSC motorcycles
Production Dates:	JUN 06, 2008 - JU	JN 03, 2009		
VIN Range 1:	Begin:	NR	End: NR	■ Not sequential
Vehicle Type : Body Style : Power Train :	MOTORCYCLES OTHER GAS	Model Year 20	VO ROAD GLIDE 3 (FLTRSE3) 08 - 2011 Touring, CVO Touring a	nd VRSC motorcycles
Due de etter Detec	1 11			
Production Dates:			End. ND	Not goggestial
VIN Range 1:	Begin:	NR	End: NR	☐ Not sequential
Vehicle Type : Body Style : Power Train :	MOTORCYCLES OTHER GAS Recall covers all equipped with A JUN 08, 2007 - JU	Model Year 20 ABS.	OAD GLIDE (EFI) (FLTR)  08 - 2011 Touring, CVO Touring a  End: NR	nd VRSC motorcycles ☐ Not sequential
Vehicle Type : Body Style : Power Train :	GAS Recall covers all equipped with A	Model Year 20 ABS.	ROD (VRSCAW) 08 - 2011 Touring, CVO Touring a	nd VRSC motorcycles
VIN Range 1:		NR	End: NR	☐ Not sequential
	MOTORCYCLES OTHER	ey-Davidson N	IGHT ROD SPECIAL (VRSCDXA) W	/ABS

Descriptive Information :	Recall covers all equipped with A		08 - 201	11 Touring, CVO Touri	ng and VRSC motorcycles
Production Dates :	MAR 24 2007 - J	UN 27. 2008			
VIN Range 1:		NR	End:	NR.	☐ Not sequential
	208		Zira .		
Vehicle 19:	2009-2011 Harle	ev-Davidson N	GHT RO	DD SPECIAL (VRSCDX)	
	MOTORCYCLES	- J		(,)	
Body Style :					
Power Train :					
		Model Veer 20	no 201	11 Touring CVO Touri	ng and VDCC matanavalag
Descriptive Information :	equipped with A		08 - 201	i i Touring, CvO Touri	ng and vrsc motorcycles
Production Dates :					
			End.	ND	□ Not acquential
VIN Range 1:	begin:	NR	End:	NK	☐ Not sequential
Vahiala 20 ·	2000 2011 Uarle	ov Dovidson V	DOD MI	IICCI E (VIDCCE)	
	2009-2011 Harle	ey-Daviuson v-	KOD MI	USCLE (VRSCF)	
<b>V</b> •	MOTORCYCLES				
Body Style :					
Power Train:					
Descriptive Information :	Recall covers all equipped with A		08 - 201	11 Touring, CVO Touri	ng and VRSC motorcycles
<b>Production Dates:</b>	MAR 13, 2008 - J	UN 23, 2011			
VIN Range 1:	Begin:	NR	End:	NR	■ Not sequential
Vehicle 21:	2010-2010 Harle	ey-Davidson CV	O ULTI	RA CLASSIC 5 (FLHTCU	JSE5)
Vehicle Type :	MOTORCYCLES				
Body Style :	OTHER				
Power Train :	GAS				
Descriptive Information :	Recall covers all	Model Year 20	08 - 201	11 Touring, CVO Touri	ng and VRSC motorcycles
<b>P</b>	equipped with A			8, 111	g · · · · · · · · · · · · · · · · · · ·
Production Dates :					
VIN Range 1:		NR	End:	NR.	☐ Not sequential
	208111		Ziia .		
Vehicle 22:	2010-2011 Harle	ev-Davidson EI	LECTRA	GLIDE ULTRA LIMITE	CD (FLHTK)
	MOTORCYCLES	J			,
Body Style :					
Power Train :					
		M - 1-1 V 00	00 001	11 Tambar CVO Tamb	l VDCC
Descriptive Information :	equipped with A		U8 - ZUI	11 Touring, CVO Touri	ng and vrsc motorcycles
D 1 D .					
Production Dates :			T 1	ND	
VIN Range 1:	Begin :	NR	End:	NR	☐ Not sequential
W 1 · 1 · 00	0010 0010 II 1	D1 - 01	IO C:	+ Cl. 1. (FLHVCE)	
	2010-2010 Harle	ey-Davidson C\	/U Stree	et 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 - J	UN 11. 2010			
VIN Range 1:		NR	End: NR	☐ Not sequential	
Vehicle 24:	2010-2011 Harl	ev-Davidson R0	OAD GLIDE CUSTOM (FLTRX)		
	MOTORCYCLES	ey zavrazori iv	0.12 0.12 2 0 0 2 0 11 (2 2 1 1 1 1 1 1		
Body Style :					
Power Train :					
			08 - 2011 Touring, CVO Touring	and VRSC motorcycles	
Production Dates :					
VIN Range 1:		NR	End: NR	☐ Not sequential	
	Degin .	1110	Life. 1410	rot sequential	
Vehicle 25:	2011-2011 Harl	ev-Davidson Ro	OAD KING CLASSIC 103 (FLHRC1	.03)	
	MOTORCYCLES	3	`	,	
Body Style :					
Power Train :					
Descriptive Information :	Recall covers all	Model Year 20	08 - 2011 Touring, CVO Touring	and VRSC motorcycles	
2 0001-pt. ( 0 111101-1114-1011 )	equipped with A		00 2011 1041119, 000 1041119	and the content of eres	
Production Dates :	FEB 16, 2010 - J	UN 18, 2011			
VIN Range 1:		NR	End: NR	■ Not sequential	
		ey-Davidson CV	VO ULTRA CLASSIC 6 (FLHTCUSE	16)	
<b>3 I</b>	MOTORCYCLES				
Body Style :					
Power Train :					
Descriptive Information :	: Recall covers all Model Year 2008 - 2011 Touring, CVO Touring and VRSC motorcycles equipped with ABS.				
Production Dates :	APR 22, 2010 - J	UN 16, 2011			
VIN Range 1:	Begin:	NR	End: NR	☐ Not sequential	
Vehicle 27:	2011-2011 Harl	ev-Davidson ST	FREET GLIDE 103 (FLHX103)		
	MOTORCYCLES	ey zavrason z	100 (12111100)		
Body Style :					
Power Train :					
		Model Vear 20	08 - 2011 Touring, CVO Touring	and VPSC motorcycles	
•	equipped with A	ABS.	oo - 2011 Touring, evo Touring	and vide motorcycles	
Production Dates :			7 1 10		
VIN Range 1:	Begin:	NR	End: NR	■ Not sequential	

	MOTORCYCLES OTHER	ey-Davidson R0	OAD GLIDE ULTRA 103 (FLTRU10	3)
			08 - 2011 Touring, CVO Touring a	nd VRSC motorcycles
Production Dates :	MAY 05, 2010 - J	UN 17, 2011		
VIN Range 1:		NR	End: NR	☐ Not sequential
Vehicle 29:	2011-2011 Harl	ey-Davidson CV	O ROAD GLIDE ULTRA (FLTRUSE	()
Vehicle Type :	MOTORCYCLES			
Body Style :	OTHER			
Power Train :	GAS			
Descriptive Information :	Recall covers all equipped with A		08 - 2011 Touring, CVO Touring a	nd VRSC motorcycles
Production Dates :	MAY 05, 2010 - J	UN 17, 2011		
VIN Range 1:		NR	End: NR	☐ Not sequential
				_
Vehicle 30:	2011-2011 Harl	ey-Davidson Ro	OAD GLIDE CUSTOM 103 (FLTRX1	03)
Vehicle Type :	MOTORCYCLES			
Body Style :	OTHER			
Power Train:	GAS			
Descriptive Information :	Recall covers all equipped with A		08 - 2011 Touring, CVO Touring a	nd VRSC motorcycles
Production Dates :	FEB 16. 2010 - JU	JN 18. 2011		
VIN Range 1:		NR	End: NR	☐ Not sequential
	8			
Vehicle 31:	2011-2011 Harl	ey-Davidson CV	VO STREET GLIDE 2 (FLHXSE2)	
Vehicle Type :	MOTORCYCLES			
Body Style :				
Power Train:				
Descriptive Information :	Recall covers all equipped with A		08 - 2011 Touring, CVO Touring a	nd VRSC motorcycles
Production Dates :	FEB 18, 2010 - JU	JN 13, 2011		
VIN Range 1:		NR	End: NR	☐ Not sequential
U	9			

#### **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 The front brake lever or rear brake pedal will feel "hard" and will not be able to

that can Occur: 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 The new DOT 4 brake fluid that will be used for the remedy flush [H-D

from Recalled Component: 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 The population was based upon warranty and complaint rates and a

was Corrected in Production: 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