

# Part 573 Safety Recall Report

# 24V-672

**Manufacturer Name :** Harley-Davidson Motor Company**Submission Date :** DEC 03, 2024**NHTSA Recall No. :** 24V-672**Manufacturer Recall No. :** 0186**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 : 46,923

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2024-2024 Harley-Davidson FLHX

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

**Descriptive Information :** Certain model year 2024 FLHX motorcycles manufactured between the noted production dates are part of the recall population. On 07/18/2024 a hold was placed at the manufacturing facility. For motorcycles subject to the hold, product was inspected and then a secondary retention strap was placed onto the regulator wiring harness. On 07/29/2024, a secondary retention strap was introduced for future production of the affected models. The total number of FLHX motorcycles in the affected population is 15736.

Production Dates : OCT 27, 2023 - JUL 09, 2024

VIN Range 1 : Begin : 1HD1KB710RB600560 End : 1HD1KB715RB655554  Not sequential

Vehicle 2 : 2023-2024 Harley-Davidson FLHXSE

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

**Descriptive Information :** Certain model year 2023 and 2024 FLHXSE motorcycles manufactured between the noted production dates are part of the recall population. On 07/18/2024 a hold was placed at the manufacturing facility. For motorcycles subject to the hold, product was inspected and then a secondary retention strap was placed onto the regulator wiring harness. On 07/29/2024, a secondary retention strap was introduced for future production of the affected models. The total number of FLHXSE motorcycles in the affected population is 3778.

Production Dates : APR 11, 2023 - JUL 18, 2024

VIN Range 1 : Begin : 1HD1PX62XPB950705 End : 1HD1PX619RB961107  Not sequential

Vehicle 3 : 2024-2024 Harley-Davidson FLTRX

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Certain model year 2024 FLTRX motorcycles manufactured between the noted production dates are part of the recall population. On 07/18/2024 a hold was placed at the manufacturing facility. For motorcycles subject to the hold, product was inspected and then a secondary retention strap was placed onto the regulator wiring harness. On 07/29/2024, a secondary retention strap was introduced for future production of the affected models. The total number of FLTRX motorcycles in the affected population is 19914

Production Dates : OCT 27, 2023 - JUL 18, 2024

VIN Range 1 : Begin : 1HD1KH722RB600555 End : 1HD1KH713RB658116  Not sequential

Vehicle 4 : 2023-2024 Harley-Davidson FLTRXSE

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Certain model year 2023 and 2024 FLTRXSE motorcycles manufactured between the noted production dates are part of the recall population. On 07/18/2024 a hold was placed at the manufacturing facility. For motorcycles subject to the hold, product was inspected and then a secondary retention strap was placed onto the regulator wiring harness. On 07/29/2024, a secondary retention strap was introduced for future production of the affected models. The total number of FLTRXSE motorcycles in the affected population is 4630.

Production Dates : MAY 03, 2023 - JUL 16, 2024

VIN Range 1 : Begin : 1HD1TC622PB950895 End : 1HD1TC619RB960771  Not sequential

Vehicle 5 : 2024-2024 Harley-Davidson FLTRXSTSE

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Certain model year 2024 FLTRXSTSE motorcycles manufactured between the noted production dates are part of the recall population. On 07/18/2024 a hold was placed at the manufacturing facility. For motorcycles subject to the hold, product was inspected and then a secondary retention strap was placed onto the regulator wiring harness. On 07/29/2024, a secondary retention strap was introduced for future production of the affected models. The total number of FLTRXSTSE motorcycles in the affected population is 2865.

Production Dates : NOV 02, 2023 - JUL 18, 2024

VIN Range 1 : Begin : 1HD1TL813RB950086 End : 1HD1TL818RB961102  Not sequential

## Description of Defect :

Description of the Defect : The regulator output wire (red wire) may rub on the front corner of the crankcase. Over time, the wire insulation may wear, exposing the wire and potentially causing a short to ground.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If a short to ground occurs, the 60-amp main fuse may open, resulting in a loss of propulsion, combined with a loss of all electrical power, without prior indication to the rider. The unexpected loss of propulsion combined with the loss of all electrical power while in motion, without the ability to restart, may increase the risk of a crash.

Description of the Cause : Variation in the routing of the regulator wire can result in contact between the regulator output wire and the front corner of the crankcase.

Identification of Any Warning that can Occur : NR

## Involved Components :

Component Name 1 : HARNESS,WIRE,MAIN

Component Description : Main Wiring Harness

Component Part Number : 69202979A

Component Name 2 : HARNESS,WIRE,MAIN

Component Description : Main Wiring Harness

Component Part Number : 69202980A

## Supplier Identification :

### Component Manufacturer

Name : Harley-Davidson Motor Company

Address : 11800 W. Capitol Drive

Wauwatosa Wisconsin 53222

Country : United States

## Chronology :

07/25/2024 - The Harley-Davidson Technical Subcommittee (TSC) is made aware of a potential issue on certain model year 2024 Touring models where the 60 amp main fuse is opening. This occurs due to the voltage regulator harness shorting to ground through chafing on the front corner of the engine crankcase.

07/25/2024 through 08/20/2024 - The TSC met three times to review additional information. Available data shows that there are 9 field reports related to this condition.

08/20/2024 - Upon completion of the investigation, the TSC escalated the matter to H-D's Field Action Committee (FAC) for further consideration.

08/27/2024 - The FAC reviewed the TSC's findings and analysis and escalated the matter to H-D's Executive Decision Authority (EDA).

09/04/2024 - Based upon the information developed during the investigation, the EDA authorized a voluntary recall to address this condition.

10/17/2024 - The TSC was made aware of two 2023 motorcycles which showed evidence of contact between the regulator harness and the front corner of the engine crankcase.

10/28/2024 - The TSC escalated the matter to the FAC for further consideration.

11/19/2024 - The FAC reviewed the TSC's findings and analysis and escalated the matter to H-D's EDA.

11/26/2024 - Based upon the information developed during the investigation, the EDA authorized an expansion to recall 0186 to address this condition. We are not aware of any crashes or injuries associated with this condition.

## Description of Remedy :

**Description of Remedy Program :** The recall repair will include inspection of the voltage regulator output wire harness and installation of a secondary retention strap. All vehicles will have a secondary retention strap installed to ensure proper wire routing. In the unlikely event that damage to the voltage regulator output harness is found, a recall kit consisting of a wire harness extension will be installed to replace the damaged wiring harness prior to the installation of the secondary retention strap. Owners of affected motorcycles will be advised to arrange service with an authorized Harley-Davidson dealer, who will perform the remedy at no charge to the customer. Pursuant to 49 CFR 577.11(e), Harley-Davidson requests that it be exempt from providing a notification of a reimbursement plan. Any pre-notification product failure would have been addressed 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 :** The recall repair will include inspection of the voltage regulator output wire harness and installation of a secondary retention strap. In the unlikely event that damage to the voltage regulator output harness is found, a recall kit consisting of a wire harness extension will be installed to replace the damaged wiring harness prior to the installation of the secondary retention strap.

**Identify How/When Recall Condition was Corrected in Production :** On 07/29/2024, a secondary retention strap was introduced for future production of the affected models.

**Recall Schedule :**

Description of Recall Schedule : Dealer notifications will occur between 09/16 and 12/13/2024. Owner notifications will occur between 09/23 and 12/20/2024.

Planned Dealer Notification Date : SEP 16, 2024 - DEC 13, 2024

Planned Owner Notification Date : SEP 23, 2024 - DEC 20, 2024

\* NR - Not Reported