



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V590

Manufacturer Name: Harley-Davidson Motor Company

Submission Date: Sep 17, 2025

NHTSA Recall No.: 25V590

Manufacturer Recall No.: 0190

Manufacturer Information

Population

Manufacturer Name: Harley-Davidson Motor Company

Address: 3700 W. Juneau Avenue
Milwaukee WI, 53201-0653

Total number of potentially involved: 8,422

Estimated percentage with defect: 0.2%

Vehicle Information

Vehicle 1: 2021-2025 HARLEY-DAVIDSON RH1250S

Product Category: Motorcycles

Product Type: Motorcycles

Fuel / Propulsion: Spark Ignition Fuel

Production Dates: May 18, 2021 - Sep 06, 2025

Number of potentially involved: 8,422

Descriptive Information:

This recall involves RH1250S (Sportster S) motorcycles built between the listed production dates that have left Harley-Davidson control. The recall population was determined based upon a review of production and shipping records.

Defect / Noncompliance Description

Description of the defect or noncompliance:

The upper triple clamp on the subject motorcycles may fracture under extreme loading conditions.

FMVSS1:

FMVSS2:

Description of the safety risk, including crash, fire, death, injury:

An upper triple clamp that fractures while the motorcycle is being operated could lead to a loss of control, which may increase the risk of a crash.

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Description of the cause:

Extreme loading events may exceed the material strength.

Identification of any warning that can occur:

If a failure has initiated, the operator may visually observe it or detect a difference in the handling characteristics of the motorcycle.

Component Manufacturer

Tier of Supplier: Tier 1

Supplier Type: OEM

Name: Weihai Wanfeng Magnesium S&T Dvlpmt Co.

Address: TongZhai Rd. 58# ChuCun Zhen Weihai
Shandong Foreign States, 264210

Country: China

Involved Components

Component Name 1: Clamp, Upr Tpl, Painted

Component Description: Upper Triple Clamp

Component Part Number: 45900245

Component Name 2: Clamp, Upr Tpl, Painted

Component Description: Upper Triple Clamp

Component Part Number: 45900365

Chronology

- 09/09/2024 - Harley-Davidson's (H-D's) Technical Subcommittee (TSC) was made aware of a Service Request (SR) on a Sportster S motorcycle in which a customer discovered a crack in the upper triple clamp while washing the motorcycle.
- 09/10/2024 – The TSC initiated an investigation into the root cause, potential consequences and scope.
- 9/10/2024 - 08/07/2025 - TSC engaged in the following activities:
 - Obtained initial part back from field.

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- Engaged engineering and materials analysis support.
- Received information regarding finite element analysis of part and potential loading.
- Reviewed updates from structural test laboratory regarding data collection during extreme events.
- Received lab test results from simulations of different loading conditions.
- Evaluated the potential for variation in assembly to affect the front end structure of the motorcycles.
- Commissioned a multi-body simulation showing the structure as intended and different potential failure conditions.
- Obtained three additional field parts exhibiting a similar condition and requested a material analysis.
- Reviewed the lab results of an extreme event test which was able to create a failure similar to one or more of the returned field parts.
- 08/08/2025 – Following completion of its extensive investigation, the TSC escalated the matter to H-D's Field Action Committee (FAC) for review.
- 08/21/2025 - The FAC escalated the matter to H-D's Executive Decision Authority (EDA).
- 09/03/2025 - Based upon the information developed during the investigation, and although the incidence rate is low and our investigation indicated that the condition results from atypical load conditions, the EDA decided to proceed with a safety recall out of an abundance of caution.
- At the time of the EDA authorization, H-D was aware of 6 warranty claims, field reports, or service reports alleging a fracture of the upper triple clamp on a Sportster S motorcycle.
- Harley-Davidson is aware of one alleged crash with minor injuries which may be potentially related to this matter.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Replace

Consumer Advisories: ☐ Do Not Drive ☐ Park Outside

Description of remedy program:

The remedy for all affected motorcycles will include a new upper triple clamp.

How remedy component differs from recalled component:

The new upper triple clamp includes updated geometry and is identified by a new part number.

Identify how/when recall condition was corrected in production:

Production of the affected motorcycles is on hold. When production resumes (Q4, 2025), motorcycles

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will be manufactured with the new upper triple clamp.

Reimbursement Plan

Manufacturer used general reimbursement plan on file.

Recall Schedule

Description of recall schedule:

Dealer notifications will be made the week of 9/15/2025. Owner notifications will be made the week of 9/29/2025.

Planned Dealer Notification Date: Sep 15, 2025 - Sep 19, 2025

☐ No Dealers

Planned Interim Owner Notification Date:

☐ No Owners

Planned Remedy Owner Notification Date: Sep 29, 2025 - Oct 03, 2025

☐ Phased Recall

Date when VIN will be searchable: Sep 17, 2025