

Part 573 Safety Recall Report

24V-753

Manufacturer Name : Harley-Davidson Motor Company

Submission Date : OCT 09, 2024

NHTSA Recall No. : 24V-753

Manufacturer Recall No. : 0187



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 : 15,778

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2022-2022 Harley-Davidson FXRST

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : 1. All model year 2022 FXRST motorcycles manufactured between the noted production dates are part of the recall population. This was the only model year in which the FXRST model was produced. Softail models other than the affected population utilized a different assembly method for the brake lines. The total number of FXRST motorcycles in the affected population is 739.

Production Dates : JUN 29, 2022 - OCT 25, 2022

VIN Range 1 : Begin : 1HD1YZZ12NB047117 End : 1HD1YZZ19NB070460 ☒ Not sequential

Vehicle 2 : 2022-2024 Harley-Davidson FXLRST

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Certain model year 2022 - 2024 FXLRST motorcycles manufactured between the noted production dates are part of the recall population. On 08/07/2024 a hold was placed at the manufacturing facility. For motorcycles subject to the hold, product was inspected to confirm the recall condition was not present. For motorcycles produced after the hold, the assembly process was modified to ensure the recall condition was not present. Softail models other than the affected population utilized a different assembly method for the brake lines. The total number of FXLRST motorcycles in the affected population is 15,039.

Production Dates : NOV 17, 2021 - AUG 06, 2024

VIN Range 1 : Begin : 1HD1YXZ15NB010261 End : 1HD1YXZ15RB050278 ☒ Not sequential

Description of Defect :

Description of the Defect : On the subject motorcycles, the brake lines may contact the fuel tank due to unintended bending of the brake lines during assembly.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Contact between the brake lines and the fuel tank, over time, could lead to a breach in the brake lines and a loss of brake fluid. If brake fluid loss remains undetected, front braking may be compromised, increasing the risk of a crash. This concern does not affect the functioning of the rear brakes.

Description of the Cause : During the assembly process, the brake lines on some of the subject motorcycles may have been bent.

Identification of Any Warning that can Occur : Contact between the brake lines and fuel tank may be visually noted. In addition, if the brake lines have made contact with the fuel tank and exposed bare metal on either part, rust may be noted. If a leak is present, brake fluid may be observed on or around the vehicle.

Involved Components :

Component Name 1 : Brake line

Component Description : Brake line, ABS, front, manifold to hydraulic control unit

Component Part Number : 41800595C

Component Name 2 : Brake line

Component Description : Brake line, ABS, front, manifold to hydraulic control unit

Component Part Number : 41800597C

Supplier Identification :

Component Manufacturer

Name : HDMC

Address : 11800 W. Capitol Drive
Wauwatosa Wisconsin 53222

Country : United States

Chronology :

07/24/2024 - The Harley-Davidson Technical Subcommittee (TSC) was made aware of a potential issue on a Softail motorcycle due to a field report citing a "wear mark" allegedly caused by a brake line rubbing against a fuel tank. 07/25/2024 through 08/26/2024 - The TSC met two times to review additional information. Available data showed that there were 9 field reports potentially related to this condition. 08/27/2024 - Upon completion of the investigation, the TSC escalated the matter to H-D's Field Action Committee (FAC) for further consideration. 08/28/2024 through 09/23/2024 - Accelerated life testing was performed in the Harley-Davidson Structures Lab to evaluate contact between the brake lines and the fuel tank. In addition, other Softail models were inspected to determine if contact between the brake lines and fuel tank was present. 09/24/2024 - The FAC reviewed the TSC's findings and analysis and escalated the matter to H-D's Executive Decision Authority (EDA). 10/02/2024 - Based upon the information developed during the investigation, the EDA authorized a voluntary recall to address this condition. Harley-Davidson is not aware of any accidents or injuries associated with this condition.

Description of Remedy :

Description of Remedy Program :	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. The recall repair will include inspection of the brake lines to determine if they are bent and making contact with the fuel tank. Depending on the condition noted on the motorcycle, guidance will be provided regarding the potential repair or replacement of involved components. The "Harley-Davidson Motor Company General Reimbursement Program for Pre-Notification Remedies" dated January 2023 will apply to this recall.
How Remedy Component Differs from Recalled Component :	The recall repair will include inspection of the brake lines. If the brake lines are noted to be bent and contacting the fuel tank, a recall kit will be provided along with installation instructions to ensure proper assembly onto the motorcycle.
Identify How/When Recall Condition was Corrected in Production :	On 8/8/2024, the assembly process was modified to ensure the recall condition was not present on future motorcycles.

Recall Schedule :

Description of Recall Schedule :	Dealer notifications will occur between 10/14 and 10/18/2024. Owner notifications will occur between 10/21 and 10/25/2024.
Planned Dealer Notification Date :	OCT 14, 2024 - OCT 18, 2024
Planned Owner Notification Date :	OCT 21, 2024 - OCT 25, 2024

* NR - Not Reported