

Part 573 Safety Recall Report

24V-601

Manufacturer Name : LIVEWIRE EV, LLC**Submission Date :** AUG 12, 2024**NHTSA Recall No. :** 24V-601**Manufacturer Recall No. :** 1003**Manufacturer Information :****Manufacturer Name :** LIVEWIRE EV, LLC**Address :** 3700 W. Juneau Ave.
Milwaukee WI 53208**Company phone :** 8553874337**Population :****Number of potentially involved :** 788**Estimated percentage with defect :** 2 %**Vehicle Information :****Vehicle 1 :** 2024-2024 LiveWire S2 Del Mar**Vehicle Type :** MOTORCYCLES**Body Style :** OTHER**Power Train :** HYBRID ELECTRIC

Descriptive Information : Certain 2024 LiveWire (S2 Del Mar) model motorcycles within the production build range are part of the recall population. These motorcycles contain a high voltage fuse that is the subject of this recall. The number of this make/model/year covered by this recall is 574. Motorcycles built after the affected population have a high voltage fuse with an increased amperage rating.

Note: LiveWire is unable to provide an estimate of the percentage of vehicles which may actually exhibit the defect. Whether the issue in each case will lead to a propulsion system shutdown, creating an unreasonable risk to safety, depends on each vehicle's operating conditions over time.

Production Dates : JUL 26, 2023 - FEB 27, 2024**VIN Range 1 : Begin :** 1HD3GCRYB0RB550038 **End :** 1HD3GCRYBXRB550984 ☒ Not sequential**VIN Range 2 : Begin :** 1HD3GCRYB0RB550038 **End :** 1HD3GCRYBXRB550984 ☒ Not sequential**VIN Range 3 : Begin :** 1HD3GCRYB0RB550038 **End :** 1HD3GCRYBXRB550984 ☒ Not sequential

Vehicle 2 : 2024-2024 LiveWire S2 Mulholland
Vehicle Type : MOTORCYCLES
Body Style : OTHER
Power Train : HYBRID ELECTRIC

Descriptive Information : Certain 2024 LiveWire (S2 Mulholland) model motorcycles within the production build range are part of the recall population. These motorcycles contain a high voltage fuse that is the subject of this recall. The number of this make/model/year covered by this recall is 214. Motorcycles built after the affected population have a high voltage fuse with an increased amperage rating.

Note: LiveWire is unable to provide an estimate of the percentage of vehicles which may actually exhibit the defect. Whether the issue in each case will lead to a propulsion system shutdown, creating an unreasonable risk to safety, depends on each vehicle's operating conditions over time.

Production Dates : FEB 06, 2024 - JUN 26, 2024
VIN Range 1 : Begin : 1HD3GDYB8RB550942 End : 1HD3GDYB0RB551373 ☒ Not sequential

Description of Defect :

Description of the Defect : The high voltage fuse on certain MY24 LiveWire S2 Del Mar and MY24 S2 Mulholland model motorcycles may open under certain riding conditions resulting in a loss of propulsion without providing prior indication to the rider. If this occurs, other electrical functions (ABS braking, lighting, turn signals, etc.) will not be affected.

FMVSS 1 : NR
FMVSS 2 : NR

Description of the Safety Risk : Unexpected loss of propulsion while in motion without the ability to restart may increase the risk of a crash.

Description of the Cause : Repeated rapid acceleration events can degrade the high voltage fuse, which may result in the fuse opening.

Identification of Any Warning that can Occur : In this condition, electric power would not be supplied to the electric motor from the battery, illuminating warning lights on the instrument panel.

Involved Components :

Component Name 1 : Fuse, High Voltage
Component Description : High Voltage Fuse
Component Part Number : 69202816

Supplier Identification :

Component Manufacturer

Name : LiveWire EV, LLC

Address : 3700 W. Juneau Ave.
Milwaukee Wisconsin 53208

Country : United States

Chronology :

06/11/2024 - LiveWire’s Service organization was notified of a report involving an alleged unexpected loss of propulsion on a LiveWire motorcycle.

06/25/2024 - The Technical Subcommittee (TSC) launched a formal investigation of this issue.

06/26/2024 - 07/15/2024 - The TSC conducted a warranty/field service review, which identified two additional reports of a loss of propulsion that appeared to be potentially related to this issue.

07/16/2024 – The TSC concluded its investigation and escalated the matter to the Field Action Committee (FAC).

07/26/2024 – The FAC reviewed the TSC’s findings and analysis and escalated the matter to LiveWire’s Executive Decision Authority (EDA).

08/05/2024 – Based upon the information developed during the investigation, the EDA authorized a recall to address this condition. There have been no reports of crashes or injuries related to this issue.

Description of Remedy :

Description of Remedy Program :

Owners of affected motorcycles will be asked to arrange service with an authorized LiveWire dealer, who will install a high voltage fuse with an increased amperage rating at no charge to the customer. Pursuant to 49 CFR 577.11 (e), LiveWire 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 :

A high voltage fuse with an increased amperage rating is included in the recall kit.

Identify How/When Recall Condition was Corrected in Production :

On approximately 9/11, production with the new high voltage fuse with an increased amperage rating is expected to begin.

Recall Schedule :

Description of Recall Schedule :

Dealer notification is planned between 08/14/2024 and 08/21/2024.
Owner notification is planned between 08/19/2024 and 08/26/2024

Planned Dealer Notification Date : AUG 14, 2024 - AUG 21, 2024

Planned Owner Notification Date : AUG 19, 2024 - AUG 26, 2024

* NR - Not Reported