



U.S. Department of Transportation  
**National Highway Traffic Safety  
Administration**

1200 New Jersey Avenue SE  
Washington, DC 20590

February 28, 2024

Mr. Daniel Bauch  
Senior Counsel  
LIVEWIRE EV, LLC  
3700 W. Juneau Ave  
Milwaukee, WI 53208

NEF-107HG  
24V-149

**Subject:** VSC Software May Cause Engine Shutdown

Dear Mr. Bauch:

This letter serves to acknowledge LIVEWIRE EV, LLC's notification to the National Highway Traffic Safety Administration (NHTSA) of a safety recall which will be conducted pursuant to Federal law for the product(s) listed below. Please review the following information to ensure that it conforms to your records as this information is being made available to the public. If the information does not agree with your records, please contact us immediately to discuss your concerns.

**Makes/Models/Model Years:**

LIVEWIRE EV/S2 DEL MAR/2024

**Mfr's Report Date:** February 26, 2024

**NHTSA Campaign Number:** 24V-149

**Components:**

ELECTRICAL SYSTEM:SOFTWARE

**Potential Number of Units Affected:** 523

**Problem Description:**

LIVEWIRE EV, LLC (LiveWire) is recalling certain 2024 S2DM (S2 Del Mar) motorcycles. The Vehicle Supervisory Control (VSC) software may initiate and cause a powertrain shutdown as a result of internal software voltage thresholds being exceeded.

**Consequence:**

An unexpected powertrain shutdown can cause a loss of drive power, increasing the risk of a crash.

**Remedy:**

LiveWire will release an over-the-air (OTA) software update. Owner notification letters are expected to be mailed March 5, 2024. Owners may contact LiveWire customer service at 1-855-387-4337. LiveWire's number for this recall is 1001.

**Notes:**

Owners may also contact the National Highway Traffic Safety Administration Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153), or go to [www.nhtsa.gov](http://www.nhtsa.gov).

Please be reminded of the following requirements:



You are required to submit a draft owner notification letter to this office no less than five days prior to mailing it to the customers. Also, copies of all notices, bulletins, dealer notifications, and other communications that relate to this recall, including a copy of the final owner notification letter and any subsequent owner follow-up notification letter(s), are required to be submitted to this office no later than 5 days after they are originally sent (if they are sent to more than one manufacturer, distributor, dealer, or purchaser/owner).

Please be reminded that under 49 U.S.C. § 30112(a)(3), it is illegal for a manufacturer, to sell, offer for sale, import, or introduce or deliver into interstate commerce, a motor vehicle or item of motor vehicle equipment that contains a safety defect once the manufacturer has notified NHTSA about that safety defect. This prohibition does not apply once the motor vehicle or motor vehicle equipment has been remedied according to the manufacturer's instructions.

As stated in 49 U.S.C. § 30118(f), submission of eight consecutive quarterly reports followed by three annual reports is required. As described in 573.7, submission of the first of eight consecutive quarterly status reports is required within one month after the close of the calendar quarter in which notification to purchasers occurs. Therefore, the first quarterly report will be due on, or before, 30 days after the close of the calendar quarter. The first of three consecutive annual status reports will be due on, or before, 1 year after the eighth quarterly report was submitted.

LIVEWIRE EV, LLC's contact for this recall will be Hensly Guerra who may be reached by email at [hensly.guerra1@dot.gov](mailto:hensly.guerra1@dot.gov). We look forward to working with you.

Sincerely,



Alex Ansley  
Chief, Recall Management Division  
Office of Defects Investigation  
Enforcement