



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

1200 New Jersey Avenue SE  
Washington, DC 20590

November 24, 2023

Jerrad Nehls  
Lonestar Specialty Vehicles  
1902 Saint Michael Drive  
Texarkana, TX 75503

NEF-107DC  
23V-768

**Subject:** Failure to Detect High Voltage Battery Malfunction

Dear Jerrad Nehls:

This letter serves to acknowledge Lonestar Specialty Vehicles'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:**

LONESTAR/SV ELECTRIC S22/2021-2023

**Mfr's Report Date:** November 14, 2023

**NHTSA Campaign Number:** 23V-768

**Components:**

ELECTRICAL SYSTEM:SOFTWARE

**Potential Number of Units Affected:** 13

**Problem Description:**

Lonestar Specialty Vehicles is recalling certain 2021-2023 SV Hybrid Electric S22 terminal tractors. The Vehicle Control Unit (VCU) may disable the Battery Management System (BMS) isolation measurement feature, preventing the detection of a high voltage battery pack malfunction.

**Consequence:**

An operator may be unaware of a high voltage battery pack malfunction, increasing the risk of a fire.

**Remedy:**

Lonestar Specialty Vehicles has released an over-the-air (OTA) VCU software update, free of charge. Owner notification letters are expected to be mailed December 1, 2023. Owners may contact Lonestar customer service at 1-903-306-0801.

**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 ensure the following requirements are met:**

An identification and description of the risk to motor vehicle safety reasonably related to the defect or noncompliance (49 CFR 573.6 (c)(5)). All filings should state an increased risk of either a crash, injury or fire.

**AMENDED 573 REQUIRED.**

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.

Lonestar Specialty Vehicles's contact for this recall will be Debora Crews who may be reached by email at [debora.crews@dot.gov](mailto:debora.crews@dot.gov). We look forward to working with you.

Sincerely,



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