



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

1200 New Jersey Avenue SE
Washington, DC 20590

April 25, 2023

Mr. Gerard Hones
Volvo Trucks North America
7900 National Service Road
Greensboro, NC 27409

NEF-107DR
23V-280

Subject: High Voltage Battery Pack May Short Circuit

Dear Mr. Hones:

This letter serves to acknowledge Volvo Trucks North America'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:

VOLVO/VNR/2020-2024

Mfr's Report Date: April 19, 2023

NHTSA Campaign Number: 23V-280

Components:

ELECTRICAL SYSTEM:PROPULSION SYSTEM:TRACTION BATTERY:THERMAL
MANAGEMENT:FLUID/COOLANT

Potential Number of Units Affected: 125

Problem Description:

Volvo Trucks North America (Volvo Trucks) is recalling certain 2020-2024 VNR Electric vehicles. The coolant line in the high voltage battery pack may not be fully seated and locked, which can result in the loss of coolant and an electrical short circuit.

Consequence:

A battery short circuit increases the risk of a fire.

Remedy:

Volvo Trucks will work with the battery manufacturer Akasol to inspect and replace the batteries, as necessary, free of charge. Owner notification letters are expected to be mailed June 16, 2023. Owners may contact Volvo Trucks' customer service at 1-800-528-6586. Volvo Truck's number for this recall is RVXX 2304.

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.

Please ensure the following requirements are met:

As required in Part 573.6, please amend the chronology to explain the connection between this recall and previous recall 22V-705.

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.

Volvo Trucks North America's contact for this recall will be Darishea Rollins who may be reached by email at darishea.rollins@dot.gov. We look forward to working with you.

Sincerely,



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