



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

1200 New Jersey Avenue SE
Washington, DC 20590

March 25, 2025

Mr. Vincent D'Auria
Senior Manager Product, Safety & Compliance
Volvo Car USA, LLC
1 Volvo Drive
PO Box 914
Rockleigh, NJ 07647

NEF-107DC
25V-179

Subject: High-Voltage Battery May Short Circuit

Dear Mr. D'Auria:

This letter serves to acknowledge Volvo Car USA, 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:

VOLVO/S60/2020-2022
VOLVO/S90/2020-2021
VOLVO/V60/2020-2022
VOLVO/V90/2022
VOLVO/XC60/2020-2022
VOLVO/XC90/2020-2022

Mfr's Report Date: March 20, 2025

NHTSA Campaign Number: 25V-179

Components:

ELECTRICAL SYSTEM:PROPULSION SYSTEM:TRACTION BATTERY
ELECTRICAL SYSTEM:SOFTWARE

Potential Number of Units Affected: 7,483

Problem Description:

Volvo Car USA, LLC (Volvo Car) is recalling certain 2020-2021 S90, 2020-2022 S60, V60, XC60, XC90, and 2022 V90 plug-in hybrid vehicles. The high-voltage battery may experience a short circuit within the battery module when the battery is fully charged and the vehicle is parked.

Consequence:

A short circuit in a high-voltage battery increases the risk of a fire.

Remedy:

Owners are advised not to charge their vehicles until the remedy has been completed. Dealers will inspect and replace the high-voltage battery module as necessary. In addition, dealers will update the software to monitor the battery. All repairs will be

performed free of charge. Owner notification letters are expected to be mailed May 15, 2025. Owners may contact Volvo Car's customer service at 1-800-458-1552. Volvo Car's number for this recall is R10312.

Notes:

Owners may also contact the National Highway Traffic Safety Administration Vehicle Safety Hotline at 888-327-4236 (TTY 888-275-9171) or go to nhtsa.gov.

Please ensure the following requirements are met:

As required in Part 573.6, please amend the chronology to provide a summary of all warranty claims, field or service reports, and other information (such as the numbers of deaths and/or injuries), with their dates of receipt. If claim count exceeds 10 claims, please provide the total number of claims, and a receipt date range for those claims.

AMENDED 573 REQUIRED.

Your company's program shall include a plan for reimbursing an owner or purchaser who incurred costs to obtain a remedy for the problem addressed by the recall within a reasonable time in advance of your company's notification of owners, purchasers and dealers, in accordance with § 573.13. Your company's plan may incorporate by reference a general reimbursement plan it previously submitted to NHTSA, together with information specific to the individual recall. Information required by § 573.13 that is not in a general reimbursement plan shall be submitted in your company's report to NHTSA. If your company submits one or more general reimbursement plans, your company shall update each plan every two years (§ 573.13). If the vehicles are new and would be covered under the manufacturer's warranty program, please state that in the remedy section of your filing.

AMENDED 573 REQUIRED.

Per the requirements of 49 USC 30119, please provide the part number and description of the component or components involved in this recall. This information should be provided in an amended 573 in the "Involved Components" section.

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).

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 Car USA, LLC's contact for this recall will be Debora Crews who may be reached by email at debora.crews@dot.gov. We look forward to working with you.

Sincerely,

A handwritten signature in black ink, appearing to read "Alex Ansley", with a long, sweeping horizontal stroke extending to the right.

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