



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V392

Manufacturer Name: Volvo Car USA, LLC

Submission Date: Jun 24, 2025

NHTSA Recall No.: 25V392

Manufacturer Recall No.: R10329

Manufacturer Information

Population

Manufacturer Name: Volvo Car USA, LLC

Address: 1800 Volvo Place
Mahwah NJ, 07430

Total number of potentially involved: 11,469

Estimated percentage with defect: 100%

Vehicle Information

Vehicle 1: 2025-2025 VOLVO XC90PHEV

Product Category: Light Vehicles

Product Type: Passenger Car

Fuel / Propulsion: Hybrid Electric Vehicle

Production Dates: May 17, 2019 - Jun 11, 2025

Number of potentially involved: 5,161

Descriptive Information:

The recall population is determined by the first and last VIN with a specific Brake Control Module (BCM2) Software. Recalled products have downloaded this specific BCM2 Software. This recall affects certain model year 2020-2026 S60, V60, S90, XC60, XC90, XC40, EX40, EC40 and C40 vehicles.

Vehicle 2: 2025-2025 VOLVO S90PHEV

Product Category: Light Vehicles

Product Type: Passenger Car

Fuel / Propulsion: Hybrid Electric Vehicle

Production Dates: Dec 06, 2021 - Dec 13, 2023

Number of potentially involved: 51

Descriptive Information:

The recall population is determined by the first and last VIN with a specific Brake Control Module (BCM2) Software. Recalled products have downloaded this specific BCM2 Software. This recall affects certain model year 2020-2026 S60, V60, S90, XC60, XC90, XC40, EX40, EC40 and C40 vehicles.

Part 573 Safety Recall Report**25V392****Vehicle 3:** 2023-2023 VOLVO C40BEV**Product Category:** Light Vehicles**Product Type:****Fuel / Propulsion:** Electric Battery Power**Production Dates:** Oct 20, 2020 - Jun 11, 2025**Number of potentially involved:** 1**Descriptive Information:**

The recall population is determined by the first and last VIN with a specific Brake Control Module (BCM2) Software. Recalled products have downloaded this specific BCM2 Software. This recall affects certain model year 2020-2026 S60, V60, S90, XC60, XC90, XC40, EX40, EC40 and C40 vehicles.

Vehicle 4: 2025-2025 VOLVO EC40**Product Category:** Light Vehicles**Product Type:** Passenger Car**Fuel / Propulsion:** Electric Battery Power**Production Dates:** Oct 20, 2021 - Jun 11, 2025**Number of potentially involved:** 12**Descriptive Information:**

The recall population is determined by the first and last VIN with a specific Brake Control Module (BCM2) Software. Recalled products have downloaded this specific BCM2 Software. This recall affects certain model year 2020-2026 S60, V60, S90, XC60, XC90, XC40, EX40, EC40 and C40 vehicles.

Vehicle 5: 2025-2026 VOLVO EX40**Product Category:** Light Vehicles**Product Type:** Passenger Car**Fuel / Propulsion:** Electric Battery Power**Production Dates:** Oct 27, 2019 - Jun 11, 2025**Number of potentially involved:** 650**Descriptive Information:**

The recall population is determined by the first and last VIN with a specific Brake Control Module (BCM2) Software. Recalled products have downloaded this specific BCM2 Software. This recall affects certain model year 2020-2026 S60, V60, S90, XC60, XC90, XC40, EX40, EC40 and C40 vehicles.

Vehicle 6: 2023-2024 VOLVO XC40BEV

Part 573 Safety Recall Report**25V392****Product Category:** Light Vehicles**Product Type:****Fuel / Propulsion:** Electric Battery Power**Production Dates:** Oct 27, 2020 - Jun 11, 2025**Number of potentially involved:** 4**Descriptive Information:**

The recall population is determined by the first and last VIN with a specific Brake Control Module (BCM2) Software. Recalled products have downloaded this specific BCM2 Software. This recall affects certain model year 2020-2026 S60, V60, S90, XC60, XC90, XC40, EX40, EC40 and C40 vehicles.

Vehicle 7: 2020-2026 VOLVO XC90PHEV**Product Category:** Light Vehicles**Product Type:** Passenger Car**Fuel / Propulsion:** Hybrid Electric Vehicle**Production Dates:** May 17, 2019 - Jun 11, 2025**Number of potentially involved:** 779**Descriptive Information:**

The recall population is determined by the first and last VIN with a specific Brake Control Module (BCM2) Software. Recalled products have downloaded this specific BCM2 Software. This recall affects certain model year 2020-2026 S60, V60, S90, XC60, XC90, XC40, EX40, EC40 and C40 vehicles.

Vehicle 8: 2022-2026 VOLVO XC60PHEV**Product Category:** Light Vehicles**Product Type:** Passenger Car**Fuel / Propulsion:** Hybrid Electric Vehicle**Production Dates:** Jul 24, 2019 - Jun 11, 2025**Number of potentially involved:** 4,628**Descriptive Information:**

The recall population is determined by the first and last VIN with a specific Brake Control Module (BCM2) Software. Recalled products have downloaded this specific BCM2 Software. This recall affects certain model year 2020-2026 S60, V60, S90, XC60, XC90, XC40, EX40, EC40 and C40 vehicles.

Vehicle 9: 2024-2025 VOLVO V60PHEV**Product Category:** Light Vehicles**Product Type:** Passenger Car

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Fuel / Propulsion: Hybrid Electric Vehicle

Production Dates: Jun 07, 2019 - Jun 11, 2025

Number of potentially involved: 68

Descriptive Information:

The recall population is determined by the first and last VIN with a specific Brake Control Module (BCM2) Software. Recalled products have downloaded this specific BCM2 Software. This recall affects certain model year 2020-2026 S60, V60, S90, XC60, XC90, XC40, EX40, EC40 and C40 vehicles.

Vehicle 10: 2023-2025 VOLVO S60PHEV

Product Category: Light Vehicles

Product Type: Passenger Car

Fuel / Propulsion: Hybrid Electric Vehicle

Production Dates: Jun 19, 2019 - Jun 21, 2024

Number of potentially involved: 115

Descriptive Information:

The recall population is determined by the first and last VIN with a specific Brake Control Module (BCM2) Software. Recalled products have downloaded this specific BCM2 Software. This recall affects certain model year 2020-2026 S60, V60, S90, XC60, XC90, XC40, EX40, EC40 and C40 vehicles.

Defect / Noncompliance Description

Description of the defect or noncompliance:

The vehicle behavior during driving in B-Mode (PHEV vehicles)/One Pedal Drive (Battery Electric Vehicles) Mode and coasting downhill, the hydraulic braking should be available at any time. Under certain conditions, the vehicle can enter a state in which pushing the brake pedal would result in no brake pressure independent of the driver's brake request.

FMVSS1:

FMVSS2:

Description of the safety risk, including crash, fire, death, injury:

Loss of Brake Function can increase the risk of a crash.

Description of the cause:

A falsely software modification prevents brake pressure build up during driving in B-Mode (PHEV Vehicles)/One Pedal Drive (Battery Electric Vehicles) and coasting downhill.

Identification of any warning that can occur:

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If using B-Mode (Plug-in-hybrids) or One Pedal Drive (Fully Electric Cars): The customer may experience a loss of braking functionality after coasting downhill for at least 1 minute and 30 seconds with these modes activated, and without applying the brake pedal. Also brake support functions will be affected. There will be no warning to the customer prior to the fault occurring. Volvo Cars centrally has received three reports of related accidents, with no injuries.

Component Manufacturer

Tier of Supplier:

Supplier Type:

Name: Continental Automotive Technologies

Address: Guerickestrasse 7
Frankfurt Foreign States, 604 41

Country: Germany

Involved Components

Component Name 1: Brake Control Module Software

Component Description: Software

Component Part Number:

Chronology

Considered as a critical concern by CCMT **6.11.25**; Field Service Action decision confirmed by Volvo Car Corporation **6.16.25**; Condition detected by **Market Vehicle Reports**;

Number of vehicle reports with the condition, reported to Volvo Cars from the NSC **0**;

Total number of cars included in vehicle reports concerning this condition **0**; Implementation date of Field Service Action **6.16.25**.

Extended Chronology:

2025-05-13

Volvo cars received the first report indicating the specific symptom. An investigation was initiated to review the customer symptom and a possible root cause.

2025-06-11

Volvo Cars was able to reproduce the issue by internal testing.

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The investigation was escalated to the Critical Concern Action Process (CCAP). The issue was immediately concluded as critical and the Critical Concern Management Team (CCMT) took the decision to inform authorities about the issue.

2025-06-12

CCMT took the decision to go out with a safety notice to all customers with affected vehicles. Safety notice and relevant information was distributed to sale companies the same day.

2025-06-16

CCMT took the decision to launch a recall with a software update as remedy. Recall was launched the same day.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Software

Consumer Advisories: Do Not Drive Park Outside

Description of remedy program:

To remedy affected vehicles, Volvo Cars will perform a software upgrade.

How remedy component differs from recalled component:

New Software

Identify how/when recall condition was corrected in production:

New Software

Reimbursement Plan

Description of reimbursement program:

If an out-of-pocket expense has been paid for prior to this repair being performed, prior to receiving this letter, customers may be eligible to receive reimbursement for the cost of obtaining a pre-notification remedy of the problem associated with this recall. For more information, please refer to Volvo Customer Care Center by phone at 1-800-458-1552, 24 hours a day, 7 days a week. You may also contact Volvo by going to <https://volvo.custhelp/app/homeV3>.

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Remedy Notices

Planned Dealer Notification Date: No Dealers**Planned Interim Owner Notification Date:** No Owners**Planned Remedy Owner Notification Date:** Phased Recall**Date when VIN will be searchable:** Jun 20, 2025