



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 12, 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: 10,039

Estimated percentage with defect: 100%

Vehicle Information

Vehicle 1: 2023-2023 VOLVO C40BEV

Product Category: Light Vehicles

Product Type: Passenger Car

Fuel / Propulsion: Electric Battery Power

Production Dates: Feb 23, 2023 - Feb 23, 2023

Number of potentially involved: 1

Descriptive Information:

The recall population has been traced to software version 3.5.14, specifically affecting the Brake Control Module that was released on April 25 of 2025. Internal testing has confirmed that the issue is isolated to certain model year 2020-2026 S60, V60, S90, XC60, XC90, XC40, EX40, EC40 and C40 vehicles.

Vehicle 2: 2025-2025 VOLVO EC40

Product Category: Light Vehicles

Product Type:

Fuel / Propulsion: Electric Battery Power

Production Dates: Apr 22, 2024 - Oct 29, 2024

Number of potentially involved: 12

Descriptive Information:

The recall population has been traced to software version 3.5.14, specifically affecting the Brake Control Module that was released on April 25 of 2025. Internal testing has confirmed that the issue is isolated to certain model year 2020-2026 S60, V60, S90, XC60, XC90, XC40, EX40, EC40 and C40 vehicles.

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25V392**Vehicle 3:** 2025-2025 VOLVO EX40**Product Category:** Light Vehicles**Product Type:** Passenger Car**Fuel / Propulsion:** Hybrid Electric Vehicle**Production Dates:** May 14, 2024 - Aug 21, 2024**Number of potentially involved:** 640**Descriptive Information:**

The recall population has been traced to software version 3.5.14, specifically affecting the Brake Control Module that was released on April 25 of 2025. Internal testing has confirmed that the issue is isolated to certain model year 2020-2026 S60, V60, S90, XC60, XC90, XC40, EX40, EC40 and C40 vehicles.

Vehicle 4: 2023-2023 VOLVO XC40BEV**Product Category:** Light Vehicles**Product Type:** Passenger Car**Fuel / Propulsion:** Electric Battery Power**Production Dates:** Jul 05, 2022 - Sep 21, 2023**Number of potentially involved:** 1**Descriptive Information:**

The recall population has been traced to software version 3.5.14, specifically affecting the Brake Control Module that was released on April 25 of 2025. Internal testing has confirmed that the issue is isolated to certain model year 2020-2026 S60, V60, S90, XC60, XC90, XC40, EX40, EC40 and C40 vehicles.

Vehicle 5: 2024-2024 VOLVO XC40 BEV**Product Category:** Light Vehicles**Product Type:** Passenger Car**Fuel / Propulsion:** Electric Battery Power**Production Dates:** Jul 05, 2022 - Sep 21, 2023**Number of potentially involved:** 3**Descriptive Information:**

The recall population has been traced to software version 3.5.14, specifically affecting the Brake Control Module that was released on April 25 of 2025. Internal testing has confirmed that the issue is isolated to certain model year 2020-2026 S60, V60, S90, XC60, XC90, XC40, EX40, EC40 and C40 vehicles.

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25V392**Vehicle 6:** 2025-2025 VOLVO XC90 PHEV**Product Category:** Light Vehicles**Product Type:** Passenger Car**Fuel / Propulsion:** Hybrid Electric Vehicle**Production Dates:** Oct 27, 2021 - May 27, 2025**Number of potentially involved:** 5,161**Descriptive Information:**

The recall population has been traced to software version 3.5.14, specifically affecting the Brake Control Module that was released on April 25 of 2025. Internal testing has confirmed that the issue is isolated to certain model year 2020-2026 S60, V60, S90, XC60, XC90, XC40, EX40, EC40 and C40 vehicles.

Vehicle 7: 2020-2024 VOLVO XC90PHEV**Product Category:** Light Vehicles**Product Type:** Passenger Car**Fuel / Propulsion:** Hybrid Electric Vehicle**Production Dates:** Oct 27, 2021 - May 27, 2025**Number of potentially involved:** 6**Descriptive Information:**

The recall population has been traced to software version 3.5.14, specifically affecting the Brake Control Module that was released on April 25 of 2025. Internal testing has confirmed that the issue is isolated to certain model year 2020-2026 S60, V60, S90, XC60, XC90, XC40, EX40, EC40 and C40 vehicles.

Vehicle 8: 2025-2025 VOLVO XC60 PHEV**Product Category:** Light Vehicles**Product Type:** Passenger Car**Fuel / Propulsion:** Hybrid Electric Vehicle**Production Dates:** Jun 24, 2021 - Feb 20, 2025**Number of potentially involved:** 3,975**Descriptive Information:**

The recall population has been traced to software version 3.5.14, specifically affecting the Brake Control Module that was released on April 25 of 2025. Internal testing has confirmed that the issue is isolated to certain model year 2020-2026 S60, V60, S90, XC60, XC90, XC40, EX40, EC40 and C40 vehicles.

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25V392**Vehicle 9:** 2024-2025 VOLVO XC60 PHEV**Product Category:** Light Vehicles**Product Type:** Passenger Car**Fuel / Propulsion:** Hybrid Electric Vehicle**Production Dates:** Jun 24, 2021 - Feb 20, 2025**Number of potentially involved:** 3,978**Descriptive Information:**

The recall population has been traced to software version 3.5.14, specifically affecting the Brake Control Module that was released on April 25 of 2025. Internal testing has confirmed that the issue is isolated to certain model year 2020-2026 S60, V60, S90, XC60, XC90, XC40, EX40, EC40 and C40 vehicles.

Vehicle 10: 2022-2023 VOLVO XC60PHEV**Product Category:** Light Vehicles**Product Type:** Passenger Car**Fuel / Propulsion:** Hybrid Electric Vehicle**Production Dates:** Jun 24, 2021 - Feb 20, 2025**Number of potentially involved:** 3**Descriptive Information:**

The recall population has been traced to software version 3.5.14, specifically affecting the Brake Control Module that was released on April 25 of 2025. Internal testing has confirmed that the issue is isolated to certain model year 2020-2026 S60, V60, S90, XC60, XC90, XC40, EX40, EC40 and C40 vehicles.

Vehicle 11: 2025-2025 VOLVO S90 PHEV**Product Category:** Light Vehicles**Product Type:** Passenger Car**Fuel / Propulsion:** Hybrid Electric Vehicle**Production Dates:** May 06, 2024 - May 28, 2024**Number of potentially involved:** 51**Descriptive Information:**

The recall population has been traced to software version 3.5.14, specifically affecting the Brake Control Module that was released on April 25 of 2025. Internal testing has confirmed that the issue is isolated to certain model year 2020-2026 S60, V60, S90, XC60, XC90, XC40, EX40, EC40 and C40 vehicles.

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25V392**Vehicle 12:** 2024-2025 VOLVO V60PHEV**Product Category:** Light Vehicles**Product Type:** Passenger Car**Fuel / Propulsion:** Hybrid Electric Vehicle**Production Dates:** Apr 23, 2024 - Jun 26, 2024**Number of potentially involved:** 68**Descriptive Information:**

The recall population has been traced to software version 3.5.14, specifically affecting the Brake Control Module that was released on April 25 of 2025. Internal testing has confirmed that the issue is isolated to certain model year 2020-2026 S60, V60, S90, XC60, XC90, XC40, EX40, EC40 and C40 vehicles.

Vehicle 13: 2023-2025 VOLVO S60PHEV**Product Category:** Light Vehicles**Product Type:** Passenger Car**Fuel / Propulsion:** Hybrid Electric Vehicle**Production Dates:** Dec 05, 2022 - May 20, 2024**Number of potentially involved:** 115**Descriptive Information:**

The recall population has been traced to software version 3.5.14, specifically affecting the Brake Control Module that was released on April 25 of 2025. Internal testing has confirmed that the issue is isolated to 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:

Affected customers may experience a temporary loss of braking functionality after coasting downhill for at least 1 minute and 40 seconds with "B" drive mode for PHEV vehicles and "One Pedal Drive" mode for BEV vehicles without applying the brake pedal or (to a certain extent) the accelerator pedal. If the situation occurs, pressing the brake pedal may remove braking functionality entirely.

FMVSS1:**FMVSS2:****Description of the safety risk, including crash, fire, death, injury:**

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

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Description of the cause:

The issue has been traced to software version 3.5.14, specifically affecting the Brake Control Module.

Identification of any warning that can occur:

Customers may experience temporary loss of braking functionality while coasting downhill for at least 1 minute and 40 seconds while in “B” drive mode in PHEV vehicles and “One Pedal Drive” mode in BEV vehicles.

Component Manufacturer

Tier of Supplier:

Supplier Type: OEM

Name: Volvo Car Corporation

Address: Gunnar Engellau Väg 8
Gothenburg Foreign States, 418 78

Country: Sweden

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 **6.12.25**; Condition detected by **Market Vehicle Reports**;

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

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

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Software

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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>.

Period of reimbursement:

Costs to be reimbursed:

Address for reimbursement claims:

Recall Schedule

Description of recall schedule:

Remedy Notices

Planned Dealer Notification Date: Jun 12, 2025 - Jun 12, 2025

☐ No Dealers

Planned Interim Owner Notification Date:

☐ No Owners

Planned Remedy Owner Notification Date: Aug 06, 2025 - Aug 06, 2025

☐ Phased Recall

Date when VIN will be searchable: Jun 20, 2025