



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V589

Manufacturer Name: Volvo Car USA, LLC

Submission Date: Sep 10, 2025

NHTSA Recall No.: 25V589

Manufacturer Recall No.: R10340

Manufacturer Information

Population

Manufacturer Name: Volvo Car USA, LLC

Address: 1800 Volvo Place
Mahwah NJ, 07430

Total number of potentially involved: 1,355

Estimated percentage with defect: 0.1%

Vehicle Information

Vehicle 1: 2026-2026 VOLVO XC90MHEV

Product Category: Light Vehicles

Product Type: Passenger Car

Fuel / Propulsion:

Production Dates: Jun 18, 2025 - Jul 02, 2025

Number of potentially involved: 407

Descriptive Information:

The vehicles involved in this field service action are certain Volvo XC90, XC60, V90CC and V60CC vehicles MY2026. The recall population is determined from the first and last car produced with potentially faulty components starting 6-18-2025 and ending 7-10-2025. XC90 vehicles after 7-02-2025 do not have faulty components from the supplier.

Vehicle 2: 2026-2026 VOLVO XC60MHEV

Product Category: Light Vehicles

Product Type: Passenger Car

Fuel / Propulsion:

Production Dates: Jun 23, 2025 - Jul 09, 2025

Number of potentially involved: 914

Descriptive Information:

The vehicles involved in this field service action are certain Volvo XC90, XC60, V90CC and V60CC vehicles MY2026. The recall population is determined from the first and last car produced with potentially faulty components starting 6-18-2025 and ending 7-10-2025. XC60 vehicles after 7-09-2025 do not have faulty components from the supplier.

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Vehicle 3: 2026-2026 VOLVO V90CCMHEV

Product Category: Light Vehicles

Product Type: Passenger Car

Fuel / Propulsion: Spark Ignition Fuel

Production Dates: Jun 19, 2025 - Jul 10, 2025

Number of potentially involved: 16

Descriptive Information:

The vehicles involved in this field service action are certain Volvo XC90, XC60, V90CC and V60CC vehicles MY2026. The recall population is determined from the first and last car produced with potentially faulty components starting 6-18-2025 and ending 7-10-2025. V90CC vehicles after 7-10-2025 do not have faulty components from the supplier.

Vehicle 4: 2026-2026 VOLVO V60CCMHEV

Product Category: Light Vehicles

Product Type: Passenger Car

Fuel / Propulsion: Spark Ignition Fuel

Production Dates: Jul 02, 2025 - Jul 04, 2025

Number of potentially involved: 18

Descriptive Information:

The vehicles involved in this field service action are certain Volvo XC90, XC60, V90CC and V60CC vehicles MY2026. The recall population is determined from the first and last car produced with potentially faulty components starting 6-18-2025 and ending 7-10-2025. V60CC vehicles after 7-04-2025 do not have faulty components from the supplier.

Defect / Noncompliance Description

Description of the defect or noncompliance:

Specific cars have been produced with a damaged torsion bar by the supplier, a component within the seat belt retractor.

FMVSS1:

FMVSS2:

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

Should a torsion bar fail during a crash, it may lead to uncontrolled spool-out of the shoulder belt, potentially reducing occupant protection, increasing the risk of injury.

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Description of the cause:

The root cause of the issue was during the sub-supplier production, torsion rods on the ball feeder may have sustained damage as a result of part jamming.

Identification of any warning that can occur:

Although the occurrence of potentially damaged components (Torsion bars) is low, should a torsion bar fail during a crash of sufficient severity, it can lead to uncontrolled spool-out of the shoulder belt.

Component Manufacturer

Tier of Supplier:

Supplier Type:

Name: Autoliv

Address: 1320 Pacific Drive
Auburn Hills MI, 48326

Country: United States

Involved Components

Component Name 1: Left Hand Front Seatbelt

Component Description: Seatbelt (Including retractor)

Component Part Number: 32386951

Component Name 2: Left Hand Front Seatbelt

Component Description: Seatbelt (Including retractor)

Component Part Number: 32386960

Component Name 3: Left Hand Front Seatbelt

Component Description: Seatbelt (Including retractor)

Component Part Number: 32386966

Component Name 4: Left Hand Front Seatbelt

Component Description: Seatbelt (Including retractor)

Component Part Number: 32401551

Part 573 Safety Recall Report**25V589****Component Name 5:** Left Hand Front Seatbelt**Component Description:** Seatbelt (Including retractor)**Component Part Number:** 32401566**Component Name 6:** Left Hand Front Seatbelt**Component Description:** Seatbelt (Including retractor)**Component Part Number:** 32401550**Component Name 7:** Right Hand Front Seatbelt**Component Description:** Seatbelt (Including retractor)**Component Part Number:** 32386954**Component Name 8:** Right Hand Front Seatbelt**Component Description:** Seatbelt (Including retractor)**Component Part Number:** 32386958**Component Name 9:** Right Hand Front Seatbelt**Component Description:** Seatbelt (Including retractor)**Component Part Number:** 32386976**Component Name 10:** Right Hand Front Seatbelt**Component Description:** Seatbelt (Including retractor)**Component Part Number:** 32401552**Component Name 11:** Right Hand Front Seatbelt**Component Description:** Seatbelt (Including retractor)**Component Part Number:** 32401553**Component Name 12:** Right Hand Front Seatbelt**Component Description:** Seatbelt (Including retractor)**Component Part Number:** 32401569

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Chronology

A. Considered as a critical concern by CCMT*	2025-09-09
B. Field Service Action decision confirmed by Volvo Car Corporation	2025-09-10
C. Condition detected by? (Market VR**, internal, inspection, testing)	Supplier
D. Number of VR with the condition, reported to Volvo Cars from NSC?	0
E. Total number of cars included in VRs concerning the condition?	0
F. Implementation date of Field Service Action	2025-09-11

**Critical Concern Management Team, ** vehicle reports*

On 2025-09-04, Volvo Cars received a notification about a potential issue from the supplier Autoliv, regarding the torsion bars in the seatbelt system. The defect was linked to possible damage occurring during sub-supplier production, caused by jamming of components in a ball feeder. The case was escalated to the Critical Concern Action Process (CCAP).

On 2025-09-05, the issue was classified as potentially critical, prompting the Critical Concern Management Team (CCMT) to initiate a full technical investigation.

The technical investigation including a risk assessment was performed along with a detailed review of serial numbers and parts tracking data was conducted to identify potentially affected components. This enabled the identification of concerned vehicles and containment of faulty parts within the relevant production batches.

On 2025-09-09, the CCMT concluded that the defect represented an increased risk to motor vehicle safety, and the issue was officially classified as critical. Following this decision, preparations were initiated for a recall action to address the safety concern.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Replace

Consumer Advisories: Do Not Drive Park Outside

Description of remedy program:

To remedy affected vehicles, Volvo cars will replace potentially deviating belt(s) on the front left and front right sides.

How remedy component differs from recalled component:

The remedy component will not have a damaged torsion bar.

Identify how/when recall condition was corrected in production:

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The sub supplier updated the loose guiding plates in the ball feeder.

Reimbursement Plan**Description of reimbursement program:**

If the customer had previously paid for this repair to be performed, prior to receiving the customer notification letter, the customer 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 Support and reference recall action R10340.

Period of reimbursement:

Costs to be reimbursed:

Address for reimbursement claims:

Recall Schedule**Description of recall schedule:**

Remedy Notices

Planned Dealer Notification Date: Sep 10, 2025 - Sep 10, 2025

No Dealers

Planned Interim Owner Notification Date:

No Owners

Planned Remedy Owner Notification Date: Oct 30, 2025 - Oct 30, 2025

Phased Recall

Date when VIN will be searchable: Sep 17, 2025