U.S. Department of Transportation

National Highway Traffic Safety Administration

Part 573 Safety Recall Report 25E057

Manufacturer Name: Autoliv, Inc.
Submission Date: Sep 15, 2025
NHTSA Recall No.: 25E057
Manufacturer Recall No.:

Manufacturer Information

Manufacturer Name: Autoliv, Inc.
Address: KLARABERGSVIADUKTEN 70, WORLD TRADE CTR SECTION E, 6TH FLOOR, SE-111 64 STOCKHOLM, SWEDEN Foreign States, 28326

Population

Total number of potentially involved: 32,300
Estimated percentage with defect: 0.1%

Equipment Information

Brand / Trade 1: AUTOLIV
Model: SEAT BELT ASSEMBLY
Part Number: R230.2LLA
Type:
Function:
Size:
Production Dates: Jun 10, 2025 - Jul 16, 2025
Number of potentially involved: 32,300
Descriptive Information:

The replacement seat belt assemblies contain undamaged high torsion bars. Autoliv verified implementation of suitable corrective measures and 100% checks by the sorting machine at supplier ESW during multiple site visits to ESW's production facilities.
On June 18, 2025, supplier ESW implemented corrective actions on their sorting machine. Autoliv sorted and confirmed containment of parts such that on July 17, 2025, production of seat belt assemblies resumed with undamaged high torsion bars. Production monitoring continues.

Defect / Noncompliance Description

Description of the defect or noncompliance:

High torsion bars used in certain R230.2LLA seatbelt retractors may be damaged, increasing the likelihood that, in a crash of sufficient severity, the high torsion bar may fail and allow uncontrolled spool-out of the shoulder belt. Autoliv estimates the percentage of affected seat belt assemblies to be

Part 573 Safety Recall Report 25E057

approximately 0.1%. Autoliv Retractor Part Nos.: 642588200B, 642713800B, 652037200B, 652037400B, 657887300A, 657887800B, 660642400A, 660642600A, 664500500B, 665124700B, 665124700B.

FMVSS1:

FMVSS2:

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

High torsion bar failure during a crash will allow the shoulder belt to spool-out and a loose shoulder belt can fail to restrain an occupant as intended, increasing the risk of injury in a crash.

Description of the cause:

The issue stems from a manufacturing irregularity that occurred at Autoliv's supplier. A loose guide plate on the high torsion bar automatic sorting machine caused scoring marks on certain high torsion bars.

Identification of any warning that can occur:

Component Manufacturer

Tier of Supplier: Tier 2

Supplier Type:

Name: Eichsfelder Schraubenwerk GmbH (ESW)

Address: Rengelröder Weg 13
Heiligenstadt Foreign States, 37308

Country: Germany

Involved Components

Component Name 1: High Torsion Bar

Component Description: Metal bar used in the seat belt retractor that twists under force to reduce occupant loads, primarily from the shoulder belt, in a crash

Component Part Number: 621920400B

Purchaser Information

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Part 573 Safety Recall Report 25E057

Name: BMW of North America, LLC

Address: 200 BMW Drive
Woodcliff Lake NJ, 07677

Country: United States

Name: Volvo Car USA, LLC

Address: 1800 Volvo Place
Mahwah NJ, 07430

Country: United States

Name: Audi of America LLC

Address: 1950 Opportunity Way
Reston VA, 20190

Country: United States

Name: Volkswagen Group of America, Inc.

Address: 1950 Opportunity Way
Reston VA, 20190

Country: United States

Chronology

Late on June 12, 2025, an Autoliv line operator in Hungary found two high torsion bars with score marks during retractor assembly.

On June 13, 2025, Autoliv formally notified its supplier, ESW, of the issue. ESW immediately began sorting and initiated root cause analysis to determine the cause of the score marks during ESW's production process.

On June 16, 2025, Autoliv completed initial testing, which revealed that the damaged high torsion bars may not withstand crash forces. Autoliv identified and notified its other potentially affected production sites.

On June 18, 2025, supplier ESW implemented conclusive corrective actions in its production process.

On July 2, 2025, Autoliv completed its initial engineering evaluation, which had been ongoing since discovery of the damaged high torsion bars. Throughout July 2025, Autoliv traced the potentially damaged high torsion bars to specific automotive customers and deliveries.

On July 17, 2025, Autoliv employees visited supplier ESW to confirm ESW's root cause findings. ESW was able to replicate the damage seen on the high torsion bars, and Autoliv verified the implementation and effectiveness of ESW's remediation and corrective actions. By this date, Autoliv had also completed its production containment activities globally.

Part 573 Safety Recall Report 25E057

On July 25, 2025, after arrival of shipments by sea, Autoliv confirmed that suspect batches delivered by supplier ESW to Autoliv facilities in Mexico did not contain any damaged high torsion bars.

On August 10, 2025, after arrival of shipments by sea, inspection and sorting of suspect batches delivered by supplier ESW to Autoliv facilities in China revealed 13 damaged high torsion bars (of 11,100 total high torsion bars in the suspect batches).

Throughout August 2025, testing of damaged parts continued at supplier ESW. Following confirmation that supplier ESW had sent damaged high torsion bars to Autoliv facilities in China, Autoliv's traceability efforts continued.

On September 4, 2025, following receipt of the test results and after confirming traceability, Autoliv informed its affected automotive customers that they had received seat belt assemblies potentially containing damaged high torsion bars.

After Autoliv received vehicle traceability information from its affected automotive customers, on September 8, 2025, Autoliv's Critical Concern Executive Board determined that it is necessary to file this Part 573 Safety Recall Report.

Autoliv is unaware of any warranty claims, field or service reports related to this issue.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Replace

Consumer Advisories: ☐ Do Not Drive ☐ Park Outside

Description of remedy program:

All potentially affected vehicle manufacturers have been informed. If the affected vehicle manufacturers conclude that the information described above presents an issue in their application that requires addressing, Autoliv will provide replacement seat belt assemblies with undamaged high torsion bars. Remediation is underway. Autoliv is actively coordinating delivery of replacement seat belt assemblies with its customers.

How remedy component differs from recalled component:

The replacement seat belt assemblies contain undamaged high torsion bars. Autoliv verified implementation of suitable corrective measures and 100% checks by the sorting machine at supplier ESW during multiple site visits to ESW's production facilities.

Identify how/when recall condition was corrected in production:

On June 18, 2025, supplier ESW implemented corrective actions on their sorting machine. Autoliv sorted and confirmed containment of parts such that on July 17, 2025, production of seat belt assemblies resumed with undamaged high torsion bars. Production monitoring continues.

Reimbursement Plan

Part 573 Safety Recall Report 25E057

Description of reimbursement program:

Period of reimbursement:

Costs to be reimbursed:

Address for reimbursement claims:

Recall Schedule

Description of recall schedule:

Autoliv is an Equipment Manufacturer. Should the affected vehicle manufactures determine that a recall is necessary for their vehicles, they will conduct the recall, including making notification plans and preparing dealer and notification letters.

Planned Dealer Notification Date:

Planned Interim Owner Notification Date:

Planned Remedy Owner Notification Date:

☐ No Dealers

☐ No Owners

☐ Phased Recall