



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V453

Manufacturer Name: Polestar Automotive USA, Inc.

Submission Date: Jul 07, 2025

NHTSA Recall No.: 25V453

Manufacturer Recall No.: RP1063

Manufacturer Information

Population

Manufacturer Name: Polestar Automotive USA, Inc.

Address: 933 MacArthur Blvd.
Mahwah NJ, 07430

Total number of potentially involved: 969

Estimated percentage with defect: 100%

Vehicle Information

Vehicle 1: 2025-2025 POLESTAR POLESTAR 3

Product Category: Light Vehicles

Product Type: Passenger Car

Fuel / Propulsion: Electric Battery Power

Production Dates: Mar 10, 2024 - Jun 17, 2025

Number of potentially involved: 969

Descriptive Information:

The recall population is determined by the first car produced since the start of production in VCCD and the last car produced before the breakpoint. This recall only affected vehicles that were produced at VCCD (China), as the issues are linked to a specific production site of the wiring harness supplier.

Defect / Noncompliance Description

Description of the defect or noncompliance:

The affected component is the inline connector located between the engine bay cable harness and the front bumper cable harness. The deviation observed involves water ingress into the connector housing, which has led to corrosion of the connector pins. Corrosion in the connectors may cause failure in different vehicle functions such as power steering support malfunction, parking brake stuck, vehicle fails to start and other different DIM messages.

FMVSS1:

FMVSS2:

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

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Water entering the connector housing may affect the vehicles' electrical systems, increasing the risk of a crash or injury.

Description of the cause:

The root cause of this issue was damage to the seal of the wiring harness during the manufacturing process. The parts were not produced according to specification.

Identification of any warning that can occur:

The following symptoms have been reported, but are not limited to:

- Parking Brake: Does not release
- No power-up: Vehicle fails to start
- Power Steering: No power steering support at vehicle start-up
- Pedestrian Warning System: "Pedestrian protection service required" message displayed
- Parking Assistance: Multiple error codes detected

It is important to note that all reported vehicle failures occurred during the vehicle start-up, and no incidents involving injuries, fatalities, or crashes have been reported.

Component Manufacturer

Tier of Supplier:**Supplier Type:**

Name: Chengdu KSD Automotive

Address: No. 888 Juanbai Road
Chengdu Foreign States, 610100

Country: China

Involved Components

Component Name 1: Wiring Harness

Component Description: Cable Harness Front Bumper

Component Part Number: 32412078

Component Name 2: Wiring Harness

Component Description: Cable Harness Front Bumper

Component Part Number: 32412071

Component Name 3: Tab Housing

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Component Description: Inline Connector engine bay harness – front bumper harness
Component Part Number: 31344077

Component Name 4: Tab Housing
Component Description: Inline Connector engine bay harness – front bumper harness
Component Part Number: 31409361

Component Name 5: Tab Housing
Component Description: Inline Connector engine bay harness – front bumper harness
Component Part Number: 32331826

Chronology

A. Condition considered as Critical by CCMT*	07-02-2025
B. Field Action decision by Polestar	07-02-2025
C. Condition detected by? (market TR**, internal, inspection, testing)	Market TR
D. Number of TR with the condition, reported from PSU?	US: 3
E. Total number of cars included in TRs concerning the condition?	US: 3
F. Implementation date	07-03-2025

*Critical Concern Management Team, ** technical reports

Extended Chronology of event:

On February 03, 2025, Polestar was informed by its supplier about the potential quality issue.

On June 30, 2025, Polestars supplier confirmed the potential critical safety concern.

On July 02, 2025, Polestar decided the issue as a critical safety concern.

On July 02, 2025, Polestar decided to conduct voluntary safety recall.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Repair

Consumer Advisories: ☐ Do Not Drive ☐ Park Outside

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Description of remedy program:

To remedy affected vehicles Polestar will replace the bumper harness and the inline front bumper/engine bay connector on the engine bay harness.

How remedy component differs from recalled component:

Cable harness has been manufactured to specification without damage.

Identify how/when recall condition was corrected in production:

Vehicles produced after the breakpoint now have the cable harness that has been manufactured to specification without damage.

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 the Polestar Customer Support Information and reference recall action RP1063.

Period of reimbursement:

Costs to be reimbursed:

Address for reimbursement claims:

Recall Schedule

Description of recall schedule:

Remedy Notices

Planned Dealer Notification Date: Jul 07, 2025 - Jul 07, 2025

☐ No Dealers

Planned Interim Owner Notification Date:

☐ No Owners

Planned Remedy Owner Notification Date: Aug 29, 2025 - Aug 29, 2025

☐ Phased Recall

Date when VIN will be searchable: Jul 14, 2025