



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V470

Manufacturer Name: BMW of North America, LLC

Submission Date: Jul 16, 2025

NHTSA Recall No.: 25V470

Manufacturer Recall No.:

Manufacturer Information

Population

Manufacturer Name: BMW of North America,
LLC
Address: P.O. Box 1227
Westwood NJ, 07675-1227

Total number of potentially involved: 136
Estimated percentage with defect: 100%

Vehicle Information

Vehicle 1: 2022-2025 BMW IX

Product Category: Light Vehicles

Product Type: Multipurpose Passenger Vehicle

Fuel / Propulsion: Electric Battery Power

Production Dates: Nov 03, 2021 - Feb 14, 2024

Number of potentially involved: 130

Descriptive Information:

Approximately 130 vehicles have been manufactured with high-voltage battery cell modules that may not have been assembled according to specifications.

Basis for recall population determination: Vehicle assembly information was reviewed to determine the specific dates of potentially affected vehicles.

Recall component difference to non-recall component: The high-voltage battery cell modules may not have been assembled according to specifications.

Vehicle 2: 2023-2024 BMW I7

Product Category: Light Vehicles

Product Type: Passenger Car

Fuel / Propulsion: Electric Battery Power

Production Dates: Jun 12, 2023 - Jul 19, 2023

Number of potentially involved: 4

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Descriptive Information:

Approximately 4 vehicles have been manufactured with high-voltage battery cell modules that may not have been assembled according to specifications.

Basis for recall population determination: Vehicle assembly information was reviewed to determine the specific dates of potentially affected vehicles.

Recall component difference to non-recall component: The high-voltage battery cell modules may not have been assembled according to specifications.

Vehicle 3: 2022-2023 BMW I4

Product Category: Light Vehicles

Product Type: Passenger Car

Fuel / Propulsion: Electric Battery Power

Production Dates: Jun 02, 2022 - May 11, 2023

Number of potentially involved: 2

Descriptive Information:

Approximately 2 vehicles have been manufactured with high-voltage battery cell modules that may not have been assembled according to specifications.

Basis for recall population determination: Vehicle assembly information was reviewed to determine the specific dates of potentially affected vehicles.

Recall component difference to non-recall component: The high-voltage battery cell modules may not have been assembled according to specifications.

Defect / Noncompliance Description

Description of the defect or noncompliance:

This safety recall involves high-voltage battery cell modules which may not have been assembled according to specifications. During assembly, individual cells are combined to create a module and, during that process, are pressed together. A review of production records indicated that the force used to combine the cells within the module may have exceeded specifications and, in some cases, additional aspects of the assembly process may not have met specifications. As a result, over the lifetime of the vehicle, commensurate with repeated charging of the high-voltage battery, this could increase the stress on the module frame and, in rare cases, cause the frame to fail.

FMVSS1:

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FMVSS2:

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

If the module frame fails, this may lead to a shutdown of the high-voltage system and a loss of propulsion, which could increase the risk of a crash. This could also increase the risk of a thermal event. These conditions could increase the risk of injury.

Description of the cause:

Identification of any warning that can occur:

Component Manufacturer

Tier of Supplier:

Supplier Type:

Name: BMW AG

Address:

Country:

Involved Components

Component Name 1: High-Voltage Battery Cell Module

Component Description: High-Voltage Battery Cell Module

Component Part Number: 8886723, 8863438, 8886695, 8886696, 8865398 – (vehicle model dependent)

Chronology

In May 2023, a quality review program was initiated regarding the high-voltage battery cell module assembly process. A specific focus of the review involved the procedures used to apply forces to the individual cells during module assembly and the associated parameters.

An extensive evaluation involving millions of high-voltage battery cell module production records was performed. The process would continue for all modules produced up to June 2024, as updated parameters would not be defined until that time.

In October 2023, a test program was initiated in order to determine the specific parameters of the assembly process for possible revision, including specific details of those parameters. Further reviews of module production records and the assembly process identified potentially affected modules.

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A mathematical model was developed to evaluate the performance of the modules during a vehicle's lifetime. As part of this process, in January 2024, information from field vehicles would start to be collected and analyzed on a continual basis.

In May 2025, analyses and statistical forecasting indicated that in the latter part of 2026, it could be possible, due to the repeated charging of the high-voltage battery, that damage to the frame of potentially affected modules could occur. Further analyses were performed.

Vehicle assembly information was reviewed to determine the number and production dates of potentially affected vehicles.

On July 9, 2025, in an abundance of caution, BMW decided to conduct a voluntary safety recall.

BMW has not received any reports, nor is BMW otherwise aware, of any thermal events, accidents or injuries 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:

Specific high-voltage battery cell modules will be replaced.

Owners will be notified by First Class mail and instructed to take their vehicle to an authorized BMW dealer to have the remedy performed for free.

How remedy component differs from recalled component:

Recalled Component: High-Voltage Battery Cell Module; p/n – 8886723, 8863438, 8886695, 8886696, 8865398 – (vehicle model dependent)

Identify how/when recall condition was corrected in production:

Reimbursement Plan

Description of reimbursement program:

If this condition were noticed on a potentially affected vehicle prior to this recall, the remedy would be covered by the BMW New Vehicle Limited Warranty program. Therefore, reimbursement for a pre-notification remedy re Part 573.13 and Part 577.11 is not necessary.

Period of reimbursement:

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Recall Schedule

Description of recall schedule:

Dealer notification is planned to begin and end on July 16, 2025.

Owner notification is planned to begin and end on September 5, 2025.

Planned Dealer Notification Date: Jul 16, 2025 - Jul 16, 2025☐ No Dealers**Planned Interim Owner Notification Date:**☐ No Owners**Planned Remedy Owner Notification Date:** Sep 05, 2025 - Sep 05, 2025☐ Phased Recall**Date when VIN will be searchable:** Sep 05, 2025