

Part 573 Safety Recall Report

24V-135

Manufacturer Name : BMW of North America, LLC**Submission Date :** FEB 23, 2024**NHTSA Recall No. :** 24V-135**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : BMW of North America, LLC

Address : P.O. Box 1227

Westwood NJ 07675-1227

Company phone : 18005257417

Population :

Number of potentially involved : 4

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2024-2024 BMW i4 xDrive40, i4 M50

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : Approximately 3 vehicles were manufactured with a high-voltage battery module(s) that may not have been assembled according to specifications.

Basis for recall population determination:

Vehicle manufacturing information and component assembly records were reviewed to determine the number and production date range of potentially affected vehicles.

Recall component difference to non-recall component:

The high-voltage battery module(s) may not have been assembled according to specifications.

Production Dates : SEP 23, 2023 - FEB 05, 2024

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2024-2024 BMW i5 eDrive40

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : Approximately 1 vehicle was manufactured with a high-voltage battery module(s) that may not have been assembled according to specifications.

Basis for recall population determination:

Vehicle manufacturing information and component assembly records were reviewed to determine the number and production date range of potentially affected vehicles.

Recall component difference to non-recall component:

The high-voltage battery module(s) may not have been assembled according to specifications.

Production Dates : DEC 07, 2023 - DEC 07, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The high-voltage battery module(s) may not have been assembled according to specifications. The laser welding process, which connects the cell contacting system to a cell terminal, may not have been performed appropriately. This could result in an insufficient weld seam at that location, and could cause a disconnection between the cell contact system and the terminal. During the module assembly process, some modules which contained insufficient weld seams may not have been removed from the process.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : This could lead to an overheating of the module and, in a rare case, a thermal event.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : High-Voltage Battery Module

Component Description : High-Voltage Battery Module

Component Part Number : 8863448

Supplier Identification :

Component Manufacturer

Name : BMW AG

Address : NR

NR

Country : NR

Chronology :

On February 12, 2024, during an internal quality check of the high-voltage battery modules, an inadequate weld was noticed. An engineering investigation was immediately initiated.

A review of the high-voltage battery assembly process, and vehicle production and logistics records, was performed. It was determined that the laser welding process, between the cell contacting system and a cell terminal, may not have been performed appropriately. Further reviews indicated that some modules with insufficient weld seams may not have been removed during the assembly process.

As a precaution, on February 14th, a vehicle stop ship at a vehicle assembly plant, and a corresponding dealer hold, was issued.

On February 15, 2024, BMW decided to conduct a voluntary safety recall.

BMW is not aware of any customer complaints, concerns, and/or instances, dealer field reports, or warranty claims that relate, or may relate, to the issue identified in this report.

BMW has not received any reports, nor is BMW otherwise aware, of any incidents, accidents or injuries that relate, or may relate, to the issue identified in this report.

Description of Remedy :

Description of Remedy Program : The affected high-voltage battery module will be replaced.

Owner notification letters are not required, as the one potentially affected owner was contacted on February 16th, and their vehicle was immediately brought to an authorized BMW center to have the remedy performed. As there was only one potentially affected owner, and this owner has not replaced the module at their own expense, reimbursement for a pre-notification remedy re Part 573.13 and Part 577.11 is not necessary.

How Remedy Component Differs from Recalled Component : High-Voltage Battery Module – part number: 8863448

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Dealer notification is expected to begin and end on February 23, 2024.

Owner notification letters are not required, as the one potentially affected owner was contacted on February 16th, and their vehicle was immediately brought to an authorized BMW center to have the remedy performed.

Planned Dealer Notification Date : FEB 23, 2024 - FEB 23, 2024

Planned Owner Notification Date : NR - NR

* NR - Not Reported