

# Part 573 Safety Recall Report

# 23V-885

**Manufacturer Name :** BMW of North America, LLC**Submission Date :** DEC 22, 2023**NHTSA Recall No. :** 23V-885**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 : 4,926

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2024-2024 BMW i5 eDrive40, i5 M60

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : Approximately 4,926 vehicles may not fully conform to FMVSS 141 Section 5.

Basis for recall population determination: Vehicle assembly information and supplier production records were used to determine the specific dates of potentially affected vehicles.

Recall component difference to non-recall component: Vehicles have been programmed with external artificial sound generation software that may not fully conform to FMVSS 141.

Production Dates : JUN 26, 2023 - DEC 14, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

**Description of the Noncompliance :** This non-compliance recall involves the external artificial sound generator control unit. During vehicle start-up, the control unit may, sporadically, experience a fault condition. As a result, the control unit software may not, in certain vehicle operating conditions, generate the required external artificial sound. Therefore, potentially affected vehicles may not fully conform to FMVSS 141 Section 5.

FMVSS 1 : 141 - Minimum Sound Requirements for Hybrid and Electric Vehicles

FMVSS 2 : NR

**Description of the Safety Risk :** In certain vehicle operating conditions, this could increase the risk of injury

Description of the Safety Risk : to certain pedestrians who may need this sound to be aware of potentially affected vehicles in close proximity.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

## Involved Components :

Component Name 1 : External Artificial Sound Generator Software

Component Description : External Artificial Sound Generator Software

Component Part Number : N/A

## Supplier Identification :

### Component Manufacturer

Name : Harman Becker Automotive Systems

Address : Becker-Goering-Strasse-16  
Baden-Wuerttemberg Foreign States 76307

Country : Germany

## Chronology :

On September 21, 2023, subsequent to the activities conducted that led to 23V-026, additional vehicle models were evaluated. A data logger was installed on a number of BMW i5 pre-production vehicles to collect information pertaining to the activation of the external artificial sound generator. The data collection activity was scheduled to run until November 29th.

Toward the end of November, at the end of the test program, involving multiple vehicles and approximately 100,000 miles, the data indicated that, in very rare cases, the external artificial sound generator control unit may not have appropriately activated the sound generator. Preliminary information indicated that the condition was difficult to reproduce.

In December, further analyses were conducted, which also indicated that the rate of occurrence of the issue was approximately one order of magnitude lower than the rate in 23V-026 which itself was near 1%. As a precaution, a vehicle stop ship was issued at the vehicle assembly plant on December 8th. A review of regulatory requirements including FMVSS 141 was performed. A review of field data did not indicate any customer complaints, warranty claims, or field reports that may be related to this issue.

On December 15, 2023, BMW determined that potentially affected vehicles may not fully conform to FMVSS 141 Section 5 and decided to conduct a voluntary non-compliance recall.

BMW has not received any reports, nor is BMW otherwise aware, of any accidents or injuries that may be related to this issue.

### Description of Remedy :

Description of Remedy Program : Potentially affected vehicles will be programmed with updated external artificial sound generator software.

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. 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.

How Remedy Component Differs from Recalled Component : Recalled Component: External Artificial Sound Generator Software; p/n – N/A - Software

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

### Recall Schedule :

Description of Recall Schedule : Dealer notification is planned to begin and end on December 22, 2023. Owner notification is planned to begin and end on February 13, 2024.

Planned Dealer Notification Date : DEC 22, 2023 - DEC 22, 2023

Planned Owner Notification Date : FEB 13, 2024 - FEB 13, 2024

\* NR - Not Reported