

Part 573 Safety Recall Report

22V-483

Manufacturer Name : BMW of North America, LLC**Submission Date :** JUL 07, 2022**NHTSA Recall No. :** 22V-483**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 : 6,930

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2023 BMW iX xDrive40, iX xDrive50, iX M60

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : HYBRID ELECTRIC

Descriptive Information : Approximately 3,166 vehicles may not fully conform to FMVSS 101 (Controls and displays).

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

Recall component difference to non-recall component: In Valet Parking Mode, some of the information required to be displayed in the Central Information Display (CID), and some of the functionality required by FMVSS 101, may not be possible in order to fully conform to FMVSS 101.

Production Dates : OCT 14, 2021 - JUL 01, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2022-2022 BMW i4 eDrive40, i4 M50

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : Approximately 3,764 vehicles may not fully conform to FMVSS 101 (Controls and displays).

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

Recall component difference to non-recall component: In Valet Parking Mode, some of the information required to be displayed in the Central Information Display (CID), and some of the functionality required by FMVSS 101, may not be possible in order to fully conform to FMVSS 101.

Production Dates : NOV 11, 2021 - JUN 28, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : This non-compliance involves the Head Unit software affecting the Central Information Display (CID) when the vehicle is placed in Valet Parking Mode. In Valet Parking Mode, some of the information required to be displayed in the CID, and some of the functionality required by FMVSS 101, may not be possible. Therefore, potentially affected vehicles may not fully conform to FMVSS 101.

FMVSS 1 : 101 - Control and displays

FMVSS 2 : NR

Description of the Safety Risk : If certain information was not displayed in the CID, the driver would not be alerted to potential vehicle components and/or systems in which a fault might be occurring, which could potentially increase the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : Head Unit Software

Component Description : Head Unit Software – part number – n/a

Component Part Number : part number – n/a

Supplier Identification :**Component Manufacturer**

Name : BMW AG

Address : NR

NR

Country : NR

Chronology :

On May 3, 2022, during a quality check at a vehicle assembly plant, BMW became aware of a potential issue involving illumination of warning messages in the Central Information Display (CID) when the vehicle was placed in Valet Parking Mode. An engineering review was initiated.

Vehicle build configurations, packages/options, and other design features were evaluated. Regulatory requirements were examined which included an assessment and comparison between world-wide and US-specific details. Other vehicle types, which were thought to have a production release involving the specific software configuration, were examined.

The engineering analyses included an evaluation of Head Unit software functionality, when the vehicle was in normal operating mode, and when the vehicle was placed in Valet Parking Mode. Analyses were conducted to determine the root cause which eventually led to the determination that a programming/coding issue had occurred potentially affecting display of certain warning messages in the CID when the vehicle was placed in Valet Parking Mode.

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

On June 29, 2022, BMW 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 : The Head Unit software will be reprogrammed according to specifications.

Owners are planned to 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 was 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 : NR

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

Recall Schedule :

Description of Recall Schedule : Notification to dealers is planned to begin and end on July 7, 2022.

Notification to owners is planned to begin and end on August 29, 2022.

Planned Dealer Notification Date : JUL 07, 2022 - JUL 07, 2022

Planned Owner Notification Date : AUG 29, 2022 - AUG 29, 2022

* NR - Not Reported