

Part 573 Safety Recall Report

22V-240

Manufacturer Name : BMW of North America, LLC**Submission Date :** APR 13, 2022**NHTSA Recall No. :** 22V-240**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 : 1,029

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 1,029 vehicles have been manufactured with an air bag control unit that may not have been programmed by the supplier according to specifications.

Basis for recall population determination: All BMW iX models from Start of Production through April 7, 2022.

Recall component difference to non-recall component: The air bag control unit software may not have been programmed by the supplier according to specifications.

Production Dates : OCT 14, 2021 - APR 07, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : This safety recall involves the air bag control unit software which may not have been programmed by the supplier to specifications. As a result, the air bag warning lamp and associated warning message in the instrument cluster, may not be illuminated in the event of a vehicle self-diagnosis of a malfunction in either the vehicle occupant restraint system, or the pedestrian protection system.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the air bag warning lamp and warning message in the instrument cluster is not illuminated, a driver may not be aware that there is a diagnostic issue with the air bag control system or pedestrian protection system. If this were

to occur, the customer may not bring their vehicle to a dealer for service/repair which could affect the intended operation of either of these systems increasing the risk of injury to vehicle occupants or pedestrians.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : Air Bag Control Unit Software

Component Description : Air Bag Control Unit Software

Component Part Number : 004.012.002

Supplier Identification :

Component Manufacturer

Name : Continental

Address : Osterhofener Strasse 19
PO Box 10093 Regensburg Foreign States 93009

Country : Germany

Chronology :

In early February 2022, during an evaluation and testing program of a future vehicle, a diagnostic readout of the air bag control unit included an air bag diagnostic code; however, a corresponding warning message was not noticed in the vehicle's instrument cluster. The air bag control unit supplier was contacted, and an engineering analysis was initiated.

The engineering analysis included an evaluation of air bag control unit software functionality. Analyses were conducted to determine the root cause which eventually led to the determination that a programming/coding issue had occurred potentially affecting illumination of the air bag warning lamp and warning message. During the analysis, it was found that this air bag control unit software was also present in the current BMW iX.

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

On April 6, 2022, BMW decided to conduct a voluntary 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 air bag control unit 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 : Recalled Component: Air Bag Control Unit Software – part number – 004.012.002

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 April 13, 2022.

Notification to owners is planned to begin and end on June 6, 2022.

Planned Dealer Notification Date : APR 13, 2022 - APR 13, 2022

Planned Owner Notification Date : JUN 06, 2022 - JUN 06, 2022

* NR - Not Reported