

Part 573 Safety Recall Report

23V-584

Manufacturer Name : BMW of North America, LLC

Submission Date : AUG 16, 2023

NHTSA Recall No. : 23V-584

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 : 144

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2019-2022 BMW 330i, 330i xDrive, M340i

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 120 vehicles may not fully conform to FMVSS 208 Section 7.3a.

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

Recall component difference to non-recall component: Vehicles have been programmed with Receiver Audio Module software that may not fully conform to FMVSS 208.

Production Dates : JAN 22, 2019 - OCT 12, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 2 : 2022-2022 BMW 430i Coupe

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 1 vehicle may not fully conform to FMVSS 208 Section 7.3a.

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

Recall component difference to non-recall component: Vehicles have been programmed with Receiver Audio Module software that may not fully conform to FMVSS 208.

Production Dates : OCT 12, 2021 - OCT 12, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2021-2022 BMW 430i, M440i Convertible

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 2 vehicles may not fully conform to FMVSS 208 Section 7.3a.

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

Recall component difference to non-recall component: Vehicles have been programmed with Receiver Audio Module software that may not fully conform to FMVSS 208.

Production Dates : FEB 25, 2021 - NOV 05, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2020-2022 BMW 228i xDrive Gran Coupe

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 21 vehicles may not fully conform to FMVSS 208 Section 7.3a.

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

Recall component difference to non-recall component: Vehicles have been programmed with Receiver Audio Module software that may not fully conform to FMVSS 208.

Production Dates : FEB 22, 2020 - OCT 13, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : This non-compliance recall involves the Receiver Audio Module control unit software. During certain conditions, the control unit may sporadically experience a fault condition resulting in a delayed audible warning. As a result, the control unit software may not, in certain vehicle operating conditions, properly generate audible seat belt warning indicators. Therefore, potentially affected vehicles may not fully conform to FMVSS 208 Section 7.3a.

FMVSS 1 : 208 - Occupant crash protection

FMVSS 2 : NR

Description of the Safety Risk : In certain vehicle operating conditions, the vehicle may not properly alert the driver to fasten the seat belt and could increase the risk of injury to the driver if a crash were to occur.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : Receiver Audio Module (RAM) ECU

Component Description : Receiver Audio Module (RAM) Electronic Control Unit (ECU)

Component Part Number : Software - N/A

Supplier Identification :

Component Manufacturer

Name : BMW AG

Address : NR

NR

Country : NR

Chronology :

On July 17, 2023, delayed interior audio output was identified on a vehicle during a post assembly quality check at plant Graz. Upon further inspection, it was discovered that this condition occurred sporadically. An engineering review was initiated.

Tests and analyses were performed. On July 24, it was identified that this effect also occurred on different models. Preliminary analyses indicated that some test vehicles experienced the condition sporadically, while other test vehicles did not exhibit the condition.

Further analyses were done. On July 28, during further testing of affected vehicles, additional irregularities were identified which could delay warning signals under certain conditions.

A review was initiated to clarify if vehicles experiencing this condition comply with legal requirements in certain countries.

On Aug 9, 2023, BMW determined that, if the condition were to occur, potentially affected vehicles may not fully conform to FMVSS 208 Section 7.3a 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 Receiver Audio Module 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: Receiver Audio Module 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 August 16, 2023.
Owner notification is planned to begin and end on October 6, 2023.

Planned Dealer Notification Date : AUG 16, 2023 - AUG 16, 2023

Planned Owner Notification Date : OCT 06, 2023 - OCT 06, 2023

* NR - Not Reported