

# Part 573 Safety Recall Report

# 22V-267

**Manufacturer Name :** BMW of North America, LLC**Submission Date :** APR 20, 2022**NHTSA Recall No. :** 22V-267**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 : 61,221

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2022-2022 BMW 4 Series Gran Coupe (430i, 430i xDrive, M440i xDrive)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 3,400 vehicles have a roof function control unit that may not fully conform to FMVSS 118 Section 4.

Basis for recall population determination: Vehicle assembly and service visit information were reviewed to determine the production dates of potentially affected vehicles.

Recall component difference to non-recall component: The roof function control unit may not fully conform to FMVSS 118 Section 4.

Production Dates : JUN 25, 2021 - FEB 24, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2019-2022 BMW X5 sDrive40i, X5 xDrive40i, X5 xDrive50i, X5 M50i, X5M  
Vehicle Type : LIGHT VEHICLES  
Body Style : SUV  
Power Train : GAS

Descriptive Information : Approximately 36,845 vehicles have a roof function control unit that may not fully conform to FMVSS 118 Section 4.

Basis for recall population determination: Vehicle assembly and service visit information were reviewed to determine the production dates of potentially affected vehicles.

Recall component difference to non-recall component: The roof function control unit may not fully conform to FMVSS 118 Section 4.

Production Dates : JUL 12, 2018 - APR 07, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2021-2022 BMW X5 xDrive45e  
Vehicle Type : LIGHT VEHICLES  
Body Style : SUV  
Power Train : HYBRID ELECTRIC

Descriptive Information : Approximately 6,921 vehicles have a roof function control unit that may not fully conform to FMVSS 118 Section 4.

Basis for recall population determination: Vehicle assembly and service visit information were reviewed to determine the production dates of potentially affected vehicles.

Recall component difference to non-recall component: The roof function control unit may not fully conform to FMVSS 118 Section 4.

Production Dates : JUN 06, 2020 - APR 07, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2020-2022 BMW X6 sDrive40i, X6 xDrive40i, X6 xDrive50i, X6 M50i, X6M  
Vehicle Type : LIGHT VEHICLES  
Body Style : SUV  
Power Train : GAS

Descriptive Information : Approximately 6,031 vehicles have a roof function control unit that may not fully conform to FMVSS 118 Section 4.

Basis for recall population determination: Vehicle assembly and service visit information were reviewed to determine the production dates of potentially affected vehicles.

Recall component difference to non-recall component: The roof function control unit may not fully conform to FMVSS 118 Section 4.

Production Dates : JUL 15, 2019 - APR 07, 2022

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 5 : 2019-2023 BMW X7 xDrive40i, X7 xDrive50i, X7 M50i, X7 xDrive60i, X7 M60i, X7M, Alpina XB7  
Vehicle Type : LIGHT VEHICLES  
Body Style : SUV  
Power Train : GAS

Descriptive Information : Approximately 8,024 vehicles have a roof function control unit that may not fully conform to FMVSS 118 Section 4.

Basis for recall population determination: Vehicle assembly and service visit information were reviewed to determine the production dates of potentially affected vehicles.

Recall component difference to non-recall component: The roof function control unit may not fully conform to FMVSS 118 Section 4.

Production Dates : OCT 30, 2018 - APR 07, 2022

VIN Range 1 : Begin : NR End : NR  Not sequential

## Description of Noncompliance :

Description of the Noncompliance : This non-compliance recall involves the roof function control unit which may not fully conform to FMVSS 118 Section 4. Roof function control unit software released for production and service may not have been programmed to appropriate specifications for the US market. As a result, it may be possible to close the sunroof without the key fob present in the vehicle through other remote means.

FMVSS 1 : 118 - Power-operated window systems

FMVSS 2 : NR

Description of the Safety Risk : Although vehicles are equipped with an auto-reversal / anti-trap system, if sunroof closing was initiated without the key fob present in the vehicle, this could increase the risk of injury.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

## Involved Components :

Component Name 1 : Roof Function Control Unit Software

Component Description : Roof Function Control Unit Software

Component Part Number : N/A - software issue

## Supplier Identification :

### Component Manufacturer

Name : BMW AG

Address : NR

NR

Country : NR

## Chronology :

In early March 2022, a potential issue involving sunroof operation was raised during a testing and analysis program. An engineering review was initiated. A review of software / coding suggested that certain aspects of the software, specifically sunroof operation for vehicles for the US market, may not have been appropriate. Further testing and analyses were performed. A review and comparison of worldwide regulatory requirements, including FMVSS 118 was conducted.

In early April, the review indicated that inappropriate roof function control unit software, potentially containing functionality for other markets, had inadvertently been released in production and service for US market vehicles.

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

On April 13, 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 roof function 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. As an alternative, owners will be given the opportunity to have this recall performed via an Over-The-Air (OTA) process. 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: Roof Function Control Unit Software – part number – N/A (software issue)

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 20, 2022.

Notification to owners is planned to begin and end on June 13, 2022.

Planned Dealer Notification Date : APR 20, 2022 - APR 20, 2022

Planned Owner Notification Date : JUN 13, 2022 - JUN 13, 2022

\* NR - Not Reported