

Part 573 Safety Recall Report

23V-471

Manufacturer Name : BMW of North America, LLC**Submission Date :** JUL 10, 2023**NHTSA Recall No. :** 23V-471**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 : 1,981

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2024-2024 BMW X5 sDrive40i, X5 xDrive40i, X5 M60i, X5 M

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Approximately 1,068 vehicles have been manufactured with a knee air bag (driver and/or passenger) that may not have been produced according to specifications by the supplier.

Basis for recall population determination: Vehicle assembly information and supplier production records were reviewed to determine the production date range of potentially affected vehicles.

Recall component difference to non-recall component: The knee air bag (driver and/or passenger) may not have been produced according to specifications by the supplier.

Production Dates : MAY 23, 2023 - JUN 27, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2024-2024 BMW X5 xDrive50e

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : HYBRID ELECTRIC

Descriptive Information : Approximately 202 vehicles have been manufactured with a knee air bag (driver and/or passenger) that may not have been produced according to specifications by the supplier.

Basis for recall population determination: Vehicle assembly information and supplier production records were reviewed to determine the production date range of potentially affected vehicles.

Recall component difference to non-recall component: The knee air bag (driver and/or passenger) may not have been produced according to specifications by the supplier.

Production Dates : MAY 23, 2023 - JUN 27, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2024-2024 BMW X6 xDrive40i, X6 M60i, X6 M

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Approximately 164 vehicles have been manufactured with a knee air bag (driver and/or passenger) that may not have been produced according to specifications by the supplier.

Basis for recall population determination: Vehicle assembly information and supplier production records were reviewed to determine the production date range of potentially affected vehicles.

Recall component difference to non-recall component: The knee air bag (driver and/or passenger) may not have been produced according to specifications by the supplier.

Production Dates : MAY 23, 2023 - JUN 27, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2024-2024 BMW X7 xDrive40i, X7 M60i, Alpina XB7

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Approximately 538 vehicles have been manufactured with a knee air bag (driver and/or passenger) that may not have been produced according to specifications by the supplier.

Basis for recall population determination: Vehicle assembly information and supplier production records were reviewed to determine the production date range of potentially affected vehicles.

Recall component difference to non-recall component: The knee air bag (driver and/or passenger) may not have been produced according to specifications by the supplier.

Production Dates : MAY 23, 2023 - JUN 27, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2023-2023 BMW XM

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : HYBRID ELECTRIC

Descriptive Information : Approximately 9 vehicles have been manufactured with a knee air bag (driver and/or passenger) that may not have been produced according to specifications by the supplier.

Basis for recall population determination: Vehicle assembly information and supplier production records were reviewed to determine the production date range of potentially affected vehicles.

Recall component difference to non-recall component: The knee air bag (driver and/or passenger) may not have been produced according to specifications by the supplier.

Production Dates : MAY 23, 2023 - MAY 24, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The knee air bag (driver and/or passenger) may not have been produced according to specifications by the supplier. Specifically, a knee air bag was found with a clamped air bag fabric due to the possibility of incorrect inflator installation. In a crash in which knee air bag deployment is warranted, the deployment may not occur as intended.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If knee air bag deployment does not occur as intended, 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 : Knee Air Bag

Component Description : Knee Air Bag

Component Part Number : 699140712 / 699140812

Supplier Identification :**Component Manufacturer**

Name : Joyson Safety Systems

Address : Carretera a Mieleras Km6.3
Torreon Foreign States 27400

Country : Mexico

Chronology :

On June 23, 2023, BMW was informed by the supplier of a potential issue involving the deployment of the knee air bag. An engineering review was initiated. A review of Lot-Acceptance-Test (LAT) results indicated that on June 20th, a test anomaly had occurred during LAT knee air bag deployment whereby deployment did not occur as intended.

A review of knee air bags from the same production lot as the suspect part were examined. A knee air bag was

found with a clamped air bag fabric due to the possibility of incorrect inflator installation. It was suggested that additional deployment tests be performed with similar anomalies to determine knee air bag deployment performance. Tests were performed, and similar deviations in deployment were observed.

Further reviews involving supplier production and process information were performed. It was determined that suspect parts may have been produced at a single station with a specific machine operator during a specific and limited period of time. Knee air bags from these production lots were identified.

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

On June 30, 2023, BMW decided to conduct a voluntary safety 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 knee air bag (driver and/or passenger) will be replaced.

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: Knee Air Bag – part number – 699140712 / 699140812

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 10, 2023.

Notification to owners is planned to begin and end on September 1, 2023.

Planned Dealer Notification Date : JUL 10, 2023 - JUL 10, 2023

Planned Owner Notification Date : SEP 01, 2023 - SEP 01, 2023

* NR - Not Reported