

Part 573 Safety Recall Report

20V-434

Manufacturer Name : BMW of North America, LLC**Submission Date :** AUG 12, 2020**NHTSA Recall No. :** 20V-434**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 : 7

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2019-2020 BMW X5 sDrive40i, X5 xDrive40i, X5 xDrive50i

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Approximately 6 vehicles may not have had the steering column shaft bearing plate attached correctly to the vehicle structure.

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

Recall component difference to non-recall component: The steering column shaft bearing plate may not have been properly attached to the vehicle structure.

Production Dates : DEC 05, 2018 - JAN 31, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2020-2020 BMW X6M

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Approximately 1 vehicle may not have had the steering column shaft bearing plate attached correctly to the vehicle structure.

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

Recall component difference to non-recall component: The steering column shaft bearing plate may not have been properly attached to the vehicle structure.

Production Dates : FEB 23, 2020 - FEB 23, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : This safety recall involves the steering column shaft bearing plate. During vehicle assembly, the steering column shaft bearing plate may not have been properly attached to the vehicle structure.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the bearing plate became loose, this could affect vehicle handling and control, and increase the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : The driver will be alerted by noise and/or vibration from the area of the steering column.

Involved Components :

Component Name 1 : N/A; vehicle assembly issue

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : BMW AG

Address : NR

NR

Country : NR

Chronology :

On May 7, 2020, a customer reported that while driving, a loud noise was heard from the area of the steering column and brought the vehicle to a dealer for service. The dealer inspected the vehicle and noticed that the steering column shaft bearing plate was not properly attached to the vehicle structure. Specifically, it was noted that the fastening nuts were not present. An engineering review was initiated.

An extensive review of vehicle assembly information and production process records was performed. Vehicle build configuration, assembly line process records, and other quality assurance information was analyzed.

Attention focused upon steering shaft bearing plate torque data, time stamp records of vehicles at the bearing plate attachment station, and vehicles that had been diverted to rework.

It was finally determined that, based upon several specific criteria that would need to occur simultaneously, it could be possible for a vehicle to exit vehicle assembly without having had the steering shaft bearing plate attached to the vehicle structure in accordance with specifications.

The analyses concluded that the specific criteria necessary for this condition to occur consisted of steering shaft bearing plate torque data not contained in a vehicle record, a specific small time window occurring between two vehicles at the steering shaft bearing plate attachment station, and no rework documented for a specific VIN.

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

On July 21, 2020, BMW decided to conduct a voluntary recall.

BMW has not received any reports, nor is BMW otherwise aware, of any accidents or injuries related to this issue.

Description of Remedy :

Description of Remedy Program : The steering column shaft bearing plate will be inspected and, if necessary, properly attached or replaced.

Owners will be contacted by phone – if necessary, an owner notification letter will be mailed – and arrangements will be made to have their vehicle transported to an authorized BMW center to have the remedy performed for free. If this condition were to occur 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: N/A; component not defective; vehicle assembly 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 July 28, 2020.
Notification to owners is planned to begin and end on July 28, 2020.

Planned Dealer Notification Date : JUL 28, 2020 - JUL 28, 2020

Planned Owner Notification Date : SEP 21, 2020 - SEP 21, 2020

* NR - Not Reported