

Part 573 Safety Recall Report

19V-738

Manufacturer Name : BMW of North America, LLC**Submission Date :** OCT 16, 2019**NHTSA Recall No. :** 19V-738**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 : 20

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2020 BMW X3 M40i

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Approximately 19 vehicles contain a steering pinion gear that may not have been produced to specifications.

Basis for recall population determination: Supplier production information was used to identify the start and end date of potentially affected steering gears which was then correlated with vehicle assembly information to determine the start date and the end date of potentially affected vehicles.

Recall component difference to non-recall component: The recall component contains a steering pinion gear that may not have been produced to specifications.

Production Dates : SEP 27, 2019 - SEP 28, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2020-2020 BMW X4 M40i

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Approximately 1 vehicle contains a steering pinion gear with a pinion that may not have been produced to specifications.

Basis for recall population determination: Supplier production information was used to identify the start and end date of potentially affected steering gears which was then correlated with vehicle assembly information to determine the start date and the end date of potentially affected vehicles.

Recall component difference to non-recall component: The recall component

contains a steering pinion gear that may not have been produced to specifications.

Production Dates : SEP 28, 2019 - SEP 28, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : This safety recall involves the steering pinion gear. During supplier production, the pinion gear may not have been produced to specifications as a result of an inadequate mixing ratio of the quenching bath. This could cause the pinion teeth to break under load.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If steering pinion teeth broke, this could lead to a loss of steering and increase the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : JTEKT North America

Address : 7 Research Drive

Greenville SOUTH CAROLINA 29607

Country : United States

Chronology :

On October 1, 2019, BMW was made aware of a possible issue with the steering gear. The supplier indicated that a specific production lot may have been assembled with a pinion gear that was not hardened according to specifications.

A vehicle hold was issued for potentially affected vehicles, and a review was initiated to check if potentially affected steering gears could have been delivered and used during vehicle assembly.

The review confirmed that vehicles were potentially affected, and the affected production lot of suspect steering gears was identified.

Further analysis of supplier production records were reviewed and correlated with vehicle assembly information to determine the number, and production dates, of potentially affected vehicles.

On October 9, 2019, 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 gear will be replaced.

There is one owner vehicle among the potentially affected vehicle population. This owner has been contacted via phone and instructed to not drive the vehicle until the remedy has been performed. The vehicle has been transported to the dealer for the remedy to be performed. Therefore, it is unlikely that owner notification by First Class mail will be necessary. . If this condition were to occur to a potentially affected vehicle prior to the 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 : Part number: Steering gear 6753936

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to begin and end on October 16, 2019. Notification to the one affected owner was conducted on October 9, 2019.

Planned Dealer Notification Date : OCT 16, 2019 - OCT 16, 2019

Planned Owner Notification Date : OCT 16, 2019 - OCT 16, 2019

* NR - Not Reported