

# Part 573 Safety Recall Report

# 23V-770

**Manufacturer Name :** BMW of North America, LLC

**Submission Date :** NOV 16, 2023

**NHTSA Recall No. :** 23V-770

**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 :** 201

**Estimated percentage with defect :** 100 %

## Vehicle Information :

**Vehicle 1 :** 2024-2024 BMW 2 Series Coupe (230i)

**Vehicle Type :** LIGHT VEHICLES

**Body Style :** 2-DOOR

**Power Train :** GAS

**Descriptive Information :** Approximately 1 vehicle was manufactured in which the steering gear may not have been produced to specifications by the supplier.

**Basis for recall population determination:**

Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.

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

The steering gear may not have been produced to specifications by the supplier.

**Production Dates :** OCT 05, 2023 - OCT 05, 2023

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

Vehicle 2 : 2024-2024 BMW 330i

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 16 vehicles were manufactured in which the steering gear may not have been produced to specifications by the supplier.

Basis for recall population determination:

Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.

Recall component difference to non-recall component:

The steering gear may not have been produced to specifications by the supplier.

Production Dates : SEP 20, 2023 - OCT 17, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2024-2024 BMW X3 sDrive30i, X3 xDrive30i, X3 M40i

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Approximately 146 vehicles were manufactured in which the steering gear may not have been produced to specifications by the supplier.

Basis for recall population determination:

Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.

Recall component difference to non-recall component:

The steering gear may not have been produced to specifications by the supplier.

Production Dates : AUG 17, 2023 - SEP 27, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2024-2024 BMW X4 xDrive30i, X4 M40i

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

**Descriptive Information :** Approximately 38 vehicles were manufactured in which the steering gear may not have been produced to specifications by the supplier.

**Basis for recall population determination:**

Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.

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

The steering gear may not have been produced to specifications by the supplier.

**Production Dates :** AUG 17, 2023 - SEP 27, 2023

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

## Description of Defect :

**Description of the Defect :** The steering gear may not have been produced to specifications by the supplier. Specifically, one or more of the bolts connecting the servo unit to the housing rack may not have been fastened according to specifications. As a result, one or more of the bolts could loosen, which could affect the connection between the servo unit and the housing rack.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** If the connection between the servo unit and the housing rack became loose, this could affect vehicle handling and control, which could increase the risk of a crash.

**Description of the Cause :** NR

**Identification of Any Warning that can Occur :** The driver may notice this condition via unusual noise and/or vibration.

## Involved Components :

Component Name 1 : Steering Gear

Component Description : Steering Gear

Component Part Number : 5 A7C 666 02 , 5 A50 129 01, 5 A50 428 01, 5 A50 430 01, 5 A65 AF1 02, 5 A65 AF3 02, 5 A65 AF4 01

## Supplier Identification :

### Component Manufacturer

Name : JTEKT Automotive

Address : 7 Research Dr.

Greenville 29607

Country : NR

## Chronology :

On October 17, 2023, during a road test of a Model Year 2024 BMW 330i Sedan at a vehicle assembly plant, unusual noise was noticed. It was initially suggested that the noise might be emanating from the area of the steering gear. An engineering review was initiated.

An examination of the vehicle indicated that the bolts connecting the servo unit to the housing rack of the steering gear were not seated properly. The steering gear supplier was contacted, and a containment action was implemented. A stop ship was issued at the vehicle assembly plant.

A review of supplier production and process records identified a change in the process joining the servo unit to the housing rack. Further reviews indicated that this change could lead to an improper connection between the servo unit and the housing rack, whereby suspect steering gears may not have been produced to specifications.

The engineering review suggested that, over time, if bolts became loose, this could affect functionality of the steering gear, and therefore potentially affect vehicle handling and control.

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

On November 9, 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 related to this issue.

## Description of Remedy :

Description of Remedy Program : The steering gear will be replaced.

Owners will be notified by First Class mail advising them of the recall and to schedule an appointment with an authorized BMW dealer to have the remedy performed for free. If this condition were to occur to 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 : Recall component: Steering Gear- part number: 5 A7C 666 02 , 5 A50 129 01, 5 A50 428 01, 5 A50 430 01, 5 A65 AF1 02, 5 A65 AF3 02, 5 A65 AF4 01, 5 A65 AF5 02, 5 A65 AF6 02

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

## Recall Schedule :

Description of Recall Schedule : Dealer notification is expected to begin and end on November 16, 2023.

Owner notification is expected to begin and end on January 08, 2024.

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

Planned Owner Notification Date : JAN 08, 2024 - JAN 08, 2024

\* NR - Not Reported