

# Part 573 Safety Recall Report

# 24V-697

**Manufacturer Name :** BMW of North America, LLC**Submission Date :** SEP 18, 2024**NHTSA Recall No. :** 24V-697**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 : 270

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2023-2024 BMW X1 xDrive28i, X1 M35i

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

**Descriptive Information :** Approximately 45 vehicles have been assembled with an integrated brake servomotor that may not have been produced according to specifications.

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

**Recall component difference to non-recall component:** The integrated brake booster may not function according to specifications.

Production Dates : MAR 30, 2023 - JUN 26, 2024

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2024-2025 BMW X5 sDrive40i, X5 xDrive40i, X5 M60i, X5 M

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Approximately 52 vehicles have been assembled with an integrated brake servomotor that may not function according to specifications.

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

Recall component difference to non-recall component: The integrated brake servomotor may not function according to specifications.

Production Dates : JUN 04, 2023 - AUG 09, 2024

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2024-2025 BMW X5 xDrive50e

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : HYBRID ELECTRIC

Descriptive Information : Approximately 19 vehicles have been assembled with an integrated brake servomotor that may not function according to specifications.

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

Recall component difference to non-recall component: The integrated brake servomotor may not function according to specifications.

Production Dates : MAY 15, 2024 - AUG 28, 2024

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2025-2025 BMW X6 xDrive40i, X6 M60i, X6 M

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Approximately 14 vehicles have been assembled with an integrated brake servomotor that may not function according to specifications.

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

Recall component difference to non-recall component: The integrated brake servomotor may not function according to specifications.

Production Dates : MAY 12, 2024 - SEP 03, 2024

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2023-2025 BMW X7 xDrive40i, X7 M60i

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Approximately 45 vehicles have been assembled with an integrated brake servomotor that may not function according to specifications.

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

Recall component difference to non-recall component: The integrated brake servomotor may not function according to specifications.

Production Dates : SEP 23, 2022 - AUG 31, 2024

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 6 : 2024-2024 BMW XM

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : HYBRID ELECTRIC

Descriptive Information : Approximately 1 vehicle has been assembled with an integrated brake servomotor that may not function according to specifications.

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

Recall component difference to non-recall component: The integrated brake servomotor may not function according to specifications.

Production Dates : MAY 08, 2024 - MAY 08, 2024

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 7 : 2024-2024 BMW 530i, 530i xDrive, 540i xDrive

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 14 vehicles have been assembled with an integrated brake servomotor that may not function according to specifications.

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

Recall component difference to non-recall component: The integrated brake servomotor may not function according to specifications.

Production Dates : APR 05, 2024 - JUN 25, 2024

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 8 : 2024-2025 BMW i5 eDrive40, i5 xDrive40

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : Approximately 14 vehicles have been assembled with an integrated brake servomotor that may not function according to specifications.

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

Recall component difference to non-recall component: The integrated brake servomotor may not function according to specifications.

Production Dates : APR 17, 2024 - JUN 28, 2024

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 9 : 2023-2025 BMW 740i, 740i xDrive, 760i xDrive

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 14 vehicles have been assembled with an integrated brake servomotor that may not function according to specifications.

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

Recall component difference to non-recall component: The integrated brake servomotor may not function according to specifications.

Production Dates : SEP 30, 2022 - JUL 03, 2024

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 10 : 2024-2024 BMW i7 eDrive50, i7 xDrive60

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : Approximately 2 vehicles have been assembled with an integrated brake servomotor that may not function according to specifications.

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

Recall component difference to non-recall component: The integrated brake servomotor may not function according to specifications.

Production Dates : APR 15, 2024 - APR 23, 2024

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 11 : 2024-2024 BMW 750e xDrive

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : Approximately 2 vehicles have been assembled with an integrated brake servomotor that may not function according to specifications.

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

Recall component difference to non-recall component: The integrated brake servomotor may not function according to specifications.

Production Dates : APR 12, 2024 - APR 29, 2024

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 12 : 2024-2024 Rolls-Royce Spectre

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : Approximately 2 vehicles have been assembled with an integrated brake servomotor that may not function according to specifications.

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

Recall component difference to non-recall component: The integrated brake servomotor may not function according to specifications.

Production Dates : APR 15, 2024 - APR 26, 2024

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 13 : 2024-2024 BMW X2 xDrive28i

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Approximately 4 vehicles have been assembled with an integrated brake servomotor that may not function according to specifications.

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

Recall component difference to non-recall component: The integrated brake servomotor may not function according to specifications.

Production Dates : MAY 02, 2024 - JUN 26, 2024

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 14 : 2025-2025 MINI Countryman S ALL4, JCW Countryman ALL4

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Approximately 21 vehicles have been assembled with an integrated brake servomotor that may not function according to specifications.

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

Recall component difference to non-recall component: The integrated brake servomotor may not function according to specifications.

Production Dates : APR 04, 2024 - JUN 28, 2024

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 15 : 2025-2025 MINI Hardtop 2 Door (Cooper, Cooper S)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 21 vehicles have been assembled with an integrated brake servomotor that may not function according to specifications.

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

Recall component difference to non-recall component: The integrated brake servomotor may not function according to specifications.

Production Dates : APR 18, 2024 - JUN 26, 2024

VIN Range 1 : Begin :

NR

End : NR

Not sequential



**Description of Defect :**

Description of the Defect : The servomotor of the integrated brake (IB) control module may not have been welded according to specifications, which could result in a gap between welded components within the servomotor. If a strong braking force is applied, this welding may break. If this happens, a reduction in the power assistance and rear brake function could occur. The Antilock Brake System (ABS) and Dynamic Stability Control (DSC) system may not function.

Fully mechanical braking of the front axle is not affected, but needs a higher pedal force. Braking of the rear axle is limited to the parking (emergency) brake, which would be automatically activated to aid in braking performance.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the IB system was not functioning properly, this could lead to an extended stopping distance. If the ABS and/or DSC is not available, this could affect vehicle handling and control. These conditions could increase the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : A warning lamp and message will be illuminated in the instrument cluster.

**Involved Components :**

Component Name 1 : Integrated Brake Module

Component Description : Integrated Brake Module

Component Part Number : See Remedy Section

**Supplier Identification :****Component Manufacturer**

Name : Continental Automotive Technologies GmbH

Address : Guerickestrasse 7  
Frankfurt Foreign States 60487

Country : Germany

## Chronology :

In July 2024, two end of line test failures of the Integrated Brake Control Module were identified in plant Shenyang. An engineering review was initiated to further understand the root cause of the failures. The failed components were sent to the supplier for additional analysis. The supplier and sub-supplier of the integrated brake control module analyzed production records and photographs to further understand the root cause. Analysis of failed parts indicated an improper welding of the hollow shaft of the integrated brake servomotor.

Between August and September 2024, vehicle assembly information and supplier production records, including photographs, were reviewed to determine the number and production dates of potentially affected vehicles.

On September 11 2024, BMW Group decided to conduct a voluntary safety recall.

BMW is not aware of any warranty claims, customer complaints, or field reports related to this issue. 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 integrated brake system will be replaced.

Owners will be notified by First Class mail and instructed to take their vehicles to an authorized BMW center / MINI Dealer / Rolls-Royce Motor Cars dealer 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 / MINI / Rolls-Royce Motor Cars 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: Integrated Brake Module – p/n – vehicle model dependent (5A8D88901, 5A8D890-01, 5A8D89901, 5A8D8A001, 5A8D8A901, 5A8D8C9-01, 5A8D8E001, 5A96BF5, 5A96BF6, 5A96BF7, 5A96BF8, 5A96BF9, 5A96C00, 5A96C01, 5A96C03, 5A96C05, 5A96C06, 5A96C07, 5A96C08, 5B3C853, 5B3C854, 5B3C857, 5B3C859, 5B3C861, 5B3C884-01, 5B40F42, 5B40F43, 5B421D0, 5B55D45-01, 5B55D46-01, 5B55D47-01, 5B55D4801, 5B55D49)

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 September 18, 2024.

Notification to owners is planned to begin and end on November 8, 2024.

Planned Dealer Notification Date : SEP 18, 2024 - SEP 18, 2024

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

\* NR - Not Reported