

# Part 573 Safety Recall Report

# 23V-863

**Manufacturer Name :** BMW of North America, LLC**Submission Date :** DEC 20, 2023**NHTSA Recall No. :** 23V-863**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 : 5

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2024-2024 BMW 4 Series Convertible (430i)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

**Descriptive Information :** Approximately 5 vehicles were manufactured in which the cylinder head cover 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 cylinder head cover may not have been produced to specifications by the supplier.

Production Dates : OCT 10, 2023 - OCT 11, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

**Description of the Defect :** The cylinder head cover may not have been produced to specifications by the supplier. Specifically, a production process anomaly may have occurred in the injection molding process. This could cause unwanted variations in the wall-thickness of the cover. As a result, hairline cracks could form in the cover and, over time, due to vibration and heat within the operating environment of a running engine, could allow engine oil to leak into the engine compartment.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If oil contacted hot engine parts, this could increase the risk of a thermal event.

Description of the Cause : NR

Identification of Any Warning that can Occur : The driver may be alerted by a warning message in the instrument cluster.

## Involved Components :

Component Name 1 : Cylinder Head Cover

Component Description : Cylinder Head Cover

Component Part Number : 9452895

## Supplier Identification :

### Component Manufacturer

Name : MAHLE COMPONENTE DE MOTOR SRL

Address : Calea-Aradului, DN 69 KM 6  
Timisoara Foreign States 300645

Country : Romania

## Chronology :

On October 5, 2023, an oil leak was noticed during a quality assurance test after engine assembly. It appeared that the leak had occurred at the cylinder head cover. The cylinder head cover supplier was contacted, and an engineering review was initiated.

The supplier indicated that a production process issue had occurred in July, and that a containment action had been implemented for potentially suspect parts. Information from engine testing suggested that the containment action may not have been sufficient.

Between October 10th and the 31st, bench testing was performed with a hole prepared in the cover to simulate possible effects as a result of the production anomaly.

During November, the test results were analyzed and, as a precautionary measure, a stop ship was issued at the vehicle assembly plant. Further reviews and analyses were conducted to determine the possible timeline for part degradation in the field that could lead to an oil leak on vehicles equipped with potentially suspect parts. However, this would have also required a time-consuming endurance test to be performed.

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

On December 13, 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 cylinder head cover will be inspected and, if necessary, 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: Cylinder Head Cover- part number: 9452895

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 December 20, 2023.

Owner notification is expected to begin and end on February 9, 2024.

Planned Dealer Notification Date : DEC 20, 2023 - DEC 20, 2023

Planned Owner Notification Date : FEB 09, 2024 - FEB 09, 2024

\* NR - Not Reported