

# Part 573 Safety Recall Report

# 24V-612

**Manufacturer Name :** BMW of North America, LLC**Submission Date :** SEP 27, 2024**NHTSA Recall No. :** 24V-612**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 : 12,535

Estimated percentage with defect : 5 %

**Vehicle Information :**

Vehicle 1 : 2020-2024 MINI Hardtop 2 Door (Cooper SE)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : HYBRID ELECTRIC

**Descriptive Information :** Approximately 12,535 vehicles were manufactured with a high voltage battery that may not have been produced according to specifications.

**Basis for recall population determination:**

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

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

All vehicles produced from 03/21/2019 through 01/25/2024.

Production Dates : MAR 21, 2019 - JAN 25, 2024

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

**Description of the Defect :** Faults may occur in the high voltage battery or high voltage system, which could be caused by various reasons. These faults may result in a short circuit.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** This may lead to an overheating of the high voltage battery and, in rare cases, a thermal event, even when the vehicle is not in operation.

**Description of the Cause :** NR

**Identification of Any Warning :** The vehicle will display a warning message to the driver.

that can Occur :

## Involved Components :

Component Name 1 : High voltage battery software

Component Description : High voltage batter software

Component Part Number : N/A

## Supplier Identification :

### Component Manufacturer

Name : BMW AG

Address : NR

NR

Country : NR

## Chronology :

In October 2023, BMW became aware of a field incident in the U.S. involving a MINI Hardtop 2 Door (Cooper SE) in which the vehicle experienced a thermal event. An engineering analysis of this vehicle was initiated.

In January 2024, BMW AG was informed of an additional field incident in Germany. Engineering analysis of the vehicle identified isolation faults within the high voltage battery. Additional analysis was started to further understand the root cause of the isolation fault.

Between April and July, reviews of field data and analyses of vehicle diagnostic information were conducted in which vehicles may have experienced a fault in the high voltage battery or high voltage system, and to determine the reason(s) for these occurrences.

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

On August 8, 2024, BMW decided to conduct a voluntary safety recall.

As of August 2024, BMW is aware of approximately 2 customer complaints, concerns, and/or field instances, that relate, or may relate, to the issue identified in this report.

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 :** Potentially affected vehicles will receive a software update. This software includes a diagnostic function which detects a malfunction in the high voltage battery (in the high voltage system) and subsequently discharges the battery (below 30% State-of-Charge (SOC), high voltage battery emergency mode).

Owners will be notified by First Class mail advising them of the recall and to schedule an appointment with an authorized MINI dealer to have the remedy performed for free. Owners will also be advised, via the owner notification letter that, if a warning message is displayed in the vehicle, to park the vehicle outside and away from structures. If this condition were to occur to a potentially affected vehicle prior to this recall, the remedy would be covered by the MINI 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: High voltage battery software, p/n N/A.

**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 August 15, 2024.

Owner notification is expected to begin and end on October 7, 2024.

**Planned Dealer Notification Date :** AUG 15, 2024 - AUG 15, 2024

**Planned Owner Notification Date :** OCT 07, 2024 - OCT 07, 2024

\* NR - Not Reported