

# Part 573 Safety Recall Report

# 20V-490

**Manufacturer Name :** BMW of North America, LLC**Submission Date :** AUG 18, 2020**NHTSA Recall No. :** 20V-490**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 : 182

Estimated percentage with defect : 20 %

**Vehicle Information :**

Vehicle 1 : 2021-2021 BMW 330e

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

**Descriptive Information :** Approximately 17 vehicles were manufactured with a high voltage battery that may not have been produced according to specifications.

**Basis for recall population determination:** Vehicle manufacturing records were reviewed to determine the potentially affected vehicle population.

**Recall component difference to non-recall component:** The high voltage battery was not produced according to specifications.

**Production Dates :** MAY 19, 2020 - JUN 18, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2021-2021 BMW X5 xDrive45e

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : HYBRID ELECTRIC

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

Basis for recall population determination: Vehicle manufacturing records were reviewed to determine the potentially affected vehicle population.

Recall component difference to non-recall component: The high voltage battery was not produced according to specifications.

Production Dates : JUL 11, 2020 - AUG 04, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2020-2021 BMW X3 xDrive30e

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : HYBRID ELECTRIC

Descriptive Information : Approximately 150 vehicles were manufactured with a high voltage battery that may not have been produced according to specifications.

Basis for recall population determination: Vehicle manufacturing records were reviewed to determine the potentially affected vehicle population.

Recall component difference to non-recall component: The high voltage battery was not produced according to specifications.

Production Dates : JUN 30, 2020 - AUG 06, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2020-2020 MINI Countryman SE ALL4

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : NR

Descriptive Information : Approximately 3 vehicles were manufactured with a high voltage battery that may not have been produced according to specifications.

Basis for recall population determination: Vehicle manufacturing records were reviewed to determine the potentially affected vehicle population.

Recall component difference to non-recall component: The high voltage battery was not produced according to specifications.

Production Dates : JUN 19, 2020 -JUN 22, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

## Description of Defect :

Description of the Defect : The high voltage battery may not have been produced according to specifications. During the welding process involving the battery modules, welding beads may not have been removed from the battery assembly due to an incomplete cleaning process. During initial charging to at least approximately 80% of full charge, and depending upon the size, shape, and position of the bead(s), the bead(s) could form a conductive path between the cells which could lead to a short-circuit.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In rare cases, the short-circuit could lead to a thermal event which could increase the risk of an injury.

Description of the Cause : NR

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

## Involved Components :

Component Name 1 : High Voltage Battery

Component Description : High Voltage Battery

Component Part Number : 8658344-11/345-11, 8678566-10/567-10

## Supplier Identification :

### Component Manufacturer

Name : BMW AG

Address : NR

NR

Country : NR

## Chronology :

On July 15, 2020, during high voltage battery production and assembly, an end-of-line inspection noted a potential electrical isolation issue. An immediate hold was issued and additional batteries were inspected. Welding residue was found between several battery modules.

Vehicles containing high voltage batteries at all assembly plants worldwide were held and inspected.

A review of the high voltage battery assembly process was conducted. It was found that during the welding process, welding beads may not have been removed from the battery assembly due to an incomplete cleaning process.

Vehicle assembly information was reviewed to determine the number, and production dates, of potentially affected vehicles.

On August 11, 2020, BMW decided to conduct a voluntary safety recall.

BMW Group has not received any reports, nor is BMW Group otherwise aware, of any accidents or injuries related to this issue.

## Description of Remedy :

Description of Remedy Program : The high voltage battery will be inspected and, if necessary, battery modules will be replaced.

The one affected owner has been contacted by phone, and arrangements are being made to have their vehicle transported to 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/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 – p/n (8658344-11/345-11, 8678566-10/567-10).

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 18, 2020.

The one affected owner has been contacted by phone, and arrangements are being made to have their vehicle transported to an authorized BMW dealer to have the remedy performed for free.

Planned Dealer Notification Date : AUG 18, 2020 - AUG 18, 2020

Planned Owner Notification Date : NR - NR

\* NR - Not Reported