



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V202

Manufacturer Name: BMW of North America, LLC

Submission Date: May 21, 2025

NHTSA Recall No.: 25V202

Manufacturer Recall No.:

Manufacturer Information

Population

Manufacturer Name: BMW of North America,
LLC
Address: P.O. Box 1227
Westwood NJ, 07675-1227

Total number of potentially involved: 4,456
Estimated percentage with defect: 90%

Vehicle Information

Vehicle 1: 2025-2025 BMW X3 30 xDrive

Product Category: Light Vehicles

Product Type:

Fuel / Propulsion: Spark Ignition Fuel

Production Dates: Sep 17, 2024 - Mar 10, 2025

Number of potentially involved: 1,412

Descriptive Information:

Approximately 1,412 vehicles have been manufactured with starter-generator that may not have been produced by the supplier according to specifications. Basis for recall population determination: Vehicle assembly information and supplier production records were used to determine the specific dates of potentially affected vehicles. Recall component difference to non-recall component: The starter-generator may not have been produced by the supplier according to specifications.

Vehicle 2: 2025-2025 BMW 530i, 530i xDrive

Product Category: Light Vehicles

Product Type:

Fuel / Propulsion: Spark Ignition Fuel

Production Dates: Jan 18, 2024 - Jan 23, 2025

Number of potentially involved: 1,149

Descriptive Information:

Approximately 1,149 vehicles have been manufactured with starter-generator that may not have been produced by the supplier according to specifications. Basis for recall population determination: Vehicle assembly information and supplier production records were used to determine the specific dates of

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potentially affected vehicles. Recall component difference to non-recall component: The starter-generator may not have been produced by the supplier according to specifications.

Vehicle 3: 2025-2025 BMW 4 Series Gran Coupe (430i, 430i xDrive)

Product Category: Light Vehicles

Product Type:

Fuel / Propulsion: Spark Ignition Fuel

Production Dates: Nov 04, 2024 - Jan 28, 2025

Number of potentially involved: 172

Descriptive Information:

Approximately 172 vehicles have been manufactured with starter-generator that may not have been produced by the supplier according to specifications.

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

Recall component difference to non-recall component: The starter-generator may not have been produced by the supplier according to specifications.

Vehicle 4: 2025-2025 BMW 330i, 330i xDrive

Product Category: Light Vehicles

Product Type:

Fuel / Propulsion: Spark Ignition Fuel

Production Dates: Sep 18, 2024 - Feb 26, 2025

Number of potentially involved: 1,081

Descriptive Information:

Approximately 1,081 vehicles have been manufactured with starter-generator that may not have been produced by the supplier according to specifications. Basis for recall population determination: Vehicle assembly information and supplier production records were used to determine the specific dates of potentially affected vehicles. Recall component difference to non-recall component: The starter-generator may not have been produced by the supplier according to specifications.

Vehicle 5: 2025-2025 BMW 4 Series Convertible (430i, 430i xDrive)

Product Category: Light Vehicles

Product Type:

Fuel / Propulsion: Spark Ignition Fuel

Production Dates: Oct 10, 2024 - Jan 23, 2025

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Number of potentially involved: 405

Descriptive Information:

Approximately 405 vehicles have been manufactured with starter-generator that may not have been produced by the supplier according to specifications. Basis for recall population determination: Vehicle assembly information and supplier production records were used to determine the specific dates of potentially affected vehicles. Recall component difference to non-recall component: The starter-generator may not have been produced by the supplier according to specifications.

Vehicle 6: 2025-2025 BMW 4 Series Coupe (430i, 430i xDrive)

Product Category: Light Vehicles

Product Type:

Fuel / Propulsion: Spark Ignition Fuel

Production Dates: Oct 10, 2024 - Jan 21, 2025

Number of potentially involved: 237

Descriptive Information:

Approximately 237 vehicles have been manufactured with starter-generator that may not have been produced by the supplier according to specifications. Basis for recall population determination: Vehicle assembly information and supplier production records were used to determine the specific dates of potentially affected vehicles. Recall component difference to non-recall component: The starter-generator may not have been produced by the supplier according to specifications.

Defect / Noncompliance Description

Description of the defect or noncompliance:

This safety recall involves the power connector component of the starter-generator which may not have been produced by the supplier according to specifications. During the supplier production process, a gap could form at the connector location. If a gap exists, this could cause a loose connection between the connector and the positive battery cable (or wiring harness). As a result, resistive heating could start to occur.

FMVSS1:

FMVSS2:

Description of the safety risk, including crash, fire, death, injury:

This could result in a loss of charging function, and engine stalling without warning, which could increase the risk of a crash. Also, over time, overheating could increase the risk of smoldering and, in an extreme case, a fire. Both of these conditions could also increase the risk of injury.

Description of the cause:

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Identification of any warning that can occur:

Component Manufacturer

Tier of Supplier:

Supplier Type:

Name: Shanghai Valeo Auto-Elec System Co. Ltd.

Address: No. 5101 Hua Dong Road
Shanghai Foreign States, 201201

Country: China

Involved Components

Component Name 1: Starter-Generator

Component Description: Starter-Generator

Component Part Number: 5A716F0

Chronology

On December 12, 2024, a dealer field report from a non-US market was received. The report mentioned a no-start condition and a burning odor within the engine compartment. A dealer-based vehicle inspection found indications of local smoldering at the connection between the positive battery cable and the starter-generator. On December 19th, an engineering investigation was initiated. Additional incidents from the field were received. Initially, it was suggested that the issue may have pertained to the positive battery cable wiring harness. On February 4, 2025, preliminary information suggested that the wiring harness may not have been the issue. Further reviews found that there were several starter-generator suppliers and, based upon initial analyses of the starter-generators involved in the field incidents, efforts focused upon a specific supplier. Between February and March, further engineering analyses were conducted along with a review of vehicle assembly plant information and supply chain records. Additional field data was analyzed, which included three incidents in the US market, and having occurred between mid-January and late-February. Vehicle assembly information and supplier production records were reviewed to determine the number and production dates of potentially affected vehicles. On March 25, 2025, 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.

Related NHTSA Recall Number:

Description of Remedy

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Remedy Type: Inspect, Repair

Consumer Advisories: Do Not Drive Park Outside

Description of remedy program:

Depending upon the production date of the vehicle, the starter-generator (which includes the power connector) and positive battery cable will be replaced, or, the starter-generator and positive battery cable will be inspected and, if necessary, replaced.

Owners will be notified by First Class mail and instructed to take their vehicle to an authorized BMW dealer to have the remedy performed for free. If this condition were noticed on 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:

Recalled Component: Starter-Generator – p/n: 5A716F0

Identify how/when recall condition was corrected in production:

Reimbursement Plan

Description of reimbursement program:

Period of reimbursement:

Costs to be reimbursed:

Address for reimbursement claims:

Recall Schedule

Description of recall schedule:

Dealer notification is planned to begin and end on April 1, 2025.
Owner notification is planned to begin and end on May 23, 2025.

Planned Dealer Notification Date: Apr 01, 2025 - Apr 01, 2025

No Dealers

Planned Interim Owner Notification Date:

No Owners

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Planned Remedy Owner Notification Date: May 23, 2025 - May 23, 2025 Phased Recall

Date when VIN will be searchable: