



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

26V198

Manufacturer Name: Mercedes-Benz USA, LLC

Submission Date: Mar 27, 2026

NHTSA Recall No.: 26V198

Manufacturer Recall No.:

Manufacturer Information

Population

Manufacturer Name: Mercedes-Benz USA, LLC

Address: 13470 International
Parkway
Jacksonville FL, 32218

Total number of potentially involved: 3,734

Estimated percentage with defect: 100%

Vehicle Information

Vehicle 1: 2025-2025 Mercedes-Benz G580 (ED)

Product Category: Light Vehicles

Product Type: Light Truck

Fuel / Propulsion: Electric Battery Power

Production Dates: Feb 26, 2024 - Aug 19, 2025

Number of potentially involved: 3,734

Descriptive Information:

The recall population was determined through production records.

Vehicles outside the recall population have wheel bolts that conform to current production specifications.

Defect / Noncompliance Description

Description of the defect or noncompliance:

Mercedes-Benz AG ("MBAG"), the manufacturer of Mercedes-Benz vehicles, has determined that on certain Model Year ("MY") 2025 G-Class (465 platform) vehicles with electric drive, the wheel bolts might not meet the current production specifications.

FMVSS1:

FMVSS2:

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

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The wheel bolts' connection to the wheel hub might loosen while driving. This could impair driving stability, which could increase the risk of a crash.

Description of the cause:

Due to a deviation in the development process, the wheel bolts were not adapted to the increased vehicle mass and higher torque loads associated with the electric variant.

Identification of any warning that can occur:

Component Manufacturer

Tier of Supplier:**Supplier Type:****Name:** MBAG**Address:****Country:**

Involved Components

Component Name 1: SPHERICAL COLLAR BOLT**Component Description:** SPHERICAL COLLAR BOLT**Component Part Number:** A0009901807

Chronology

During ongoing durability testing, MBAG conducted a test during which a wheel bolt loosened despite having been validated to specifications. MBAG immediately started initial investigation.

The wheel assembly and bolt had been incorporated based on their successful use in the previous G-Class platform vehicle. Between September 2024 and January 2025, MBAG conducted detailed analyses using wheel bolts retrieved from internal test vehicles.

These analyses focused on the various operational conditions, of electric G-Class vehicles, including factors such as vehicle mass, increased torque, and elevated force levels. These influencing parameters were additionally evaluated under extreme driving maneuvers in which bolt loosening might potentially occur. Furthermore, the impact of repeated wheel changes — specifically the recurring

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loosening and tightening of the bolts — was assessed to determine whether these cyclic load conditions introduce additional stress to the bolts over time.

MBAG began to evaluate both the design of the bolt and the validation methodology used to test the robustness of the bolt in this application and use. From February to April 2025, MBAG pursued parallel tracks to both redesign the bolt and to develop a new test procedure and new test bench requirements. Validation of the test bench and the test procedure methodology was conducted from July through September 2025. An alternative bolt design already in use for other platforms was tested, with final testing conducted in October 2025. While the final validation testing was being conducted, MBAG incorporated this bolt design into production in August 2025.

From October 2025 through January 2026, MBAG evaluated the various test data and the potential for circumstances to arise that might result in a loose bolt. The assessment concluded that such a condition would most likely occur only under a combination of multiple extreme driving maneuvers together with a numerous number of repeated wheel changes over the vehicle's lifetime, potentially increasing wear on the wheel bolt contact surfaces. The analysis further determined that these conditions are unlikely to occur under real-world operating scenarios and only late in the vehicle's lifetime. MBAG has received no reports of any incidents from the field. Nonetheless, in January 2026, MBAG took steps to ensure that no inventory of the previous bolts remained at the plant.

On March 20, 2026, MBAG determined that a potential safety risk cannot be ruled out and decided to conduct a recall.

MBAG can confirm there are no warranty claims, field or service reports, and other information (such as the numbers of deaths and/or injuries) related to this defect in the US.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Repair

Consumer Advisories: Do Not Drive Park Outside

Description of remedy program:

An authorized Mercedes-Benz dealer will replace the wheel bolts on the affected vehicles with a new bolt variant.

How remedy component differs from recalled component:

Vehicles outside the recall population have wheel bolts that conform to current production specifications.

Remedy Part No:

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SPHERICAL COLLAR BOLT TWO-PART A0019901007

Identify how/when recall condition was corrected in production:

The introduction of a two-part wheel bolt ensures that this issue can no longer occur from August 26, 2025 onwards.

Reimbursement Plan**Description of reimbursement program:**

Pursuant to 49 C.F.R. § 577.11(e), MBUSA does not plan to provide notice about pre-notice reimbursement to owners since the involved vehicles would not have been previously subject to the condition described

Period of reimbursement:**Costs to be reimbursed:****Address for reimbursement claims:****Recall Schedule****Description of recall schedule:**

Dealers will be notified of the pending voluntary recall campaign on April 3, 2026. Owners will be notified of the voluntary recall campaign before May 22, 2026. A copy of all communications will be provided when available.

Planned Dealer Notification Date: Apr 03, 2026 No Dealers**Planned Interim Owner Notification Date:** No Owners**Planned Remedy Owner Notification Date:** May 22, 2026 Phased Recall**Date when VIN will be searchable:** Apr 03, 2026