

Part 573 Safety Recall Report

22V-936

Manufacturer Name : Mercedes-Benz USA, LLC**Submission Date :** JAN 13, 2023**NHTSA Recall No. :** 22V-936**Manufacturer Recall No. :** 2022120016**Manufacturer Information :****Population :**

Manufacturer Name : Mercedes-Benz USA, LLC

Number of potentially involved : 69

Address : 13470 International Parkway
Jacksonville FL 32218

Estimated percentage with defect : 100 %

Company phone : 1-877-496-3691

Vehicle Information :

Vehicle 1 : 2021-2022 Mercedes-Benz GLE350

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Mercedes-Benz MY2021-2022 GLE-Class 53 vehicles

The recall population was determined through production records.

Vehicles outside of the recall population have the steering coupling locking screw tightened to the specified torque value.

Production Dates : JUL 22, 2021 - MAY 26, 2022

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 2 : 2021-2022 Mercedes-Benz GLE450

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Mercedes-Benz MY2021-2022 GLE-Class 13 vehicles

The recall population was determined through production records.

Vehicles outside of the recall population have the steering coupling locking screw tightened to the specified torque value.

Production Dates : JUL 22, 2021 - MAY 26, 2022

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 3 : 2022-2022 Mercedes-Benz AMG GLE53

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Mercedes-Benz MY2022 AMG GLE-Class 1 vehicle

The recall population was determined through production records.

Vehicles outside of the recall population have the steering coupling locking screw tightened to the specified torque value.

Production Dates : JUL 22, 2021 - MAY 26, 2022

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 4 : 2022-2022 Mercedes-Benz AMG GLE63

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Mercedes-Benz MY2022 AMG GLE-Class 1 vehicle

The recall population was determined through production records.

Vehicles outside of the recall population have the steering coupling locking screw tightened to the specified torque value.

Production Dates : JUL 22, 2021 - MAY 26, 2022

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 5 : 2022-2022 Mercedes-Benz GLS450

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Mercedes-Benz MY2022 AMG GLS-Class 1 vehicle

The recall population was determined through production records.

Vehicles outside of the recall population have the steering coupling locking screw tightened to the specified torque value.

Production Dates : JUL 22, 2021 - MAY 26, 2022

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : Mercedes-Benz AG ("MBAG"), the manufacturer of Mercedes-Benz vehicles, has determined that on certain Model Year ("MY") 2021-2022 GLE and GLS (167 platform) vehicles, the steering coupling locking screw might not be tightened to the specified torque value.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Insufficient tightening torque of the steering coupling locking screw might lead to free play in the connection, which would cause noises when driving on uneven roads.

Should these noises not be noticed and therefore the vehicle not be brought to a workshop, the steering coupling locking screw may subsequently loosen further due to vibrations during driving and ultimately might back out of the steering coupling. In this condition, it cannot be fully ruled out that the steering coupling may detach from the steering shaft. This would impair the ability to steer of the vehicle, and increase the risk of a crash.

Description of the Cause : Due to a deviation in the production process, the steering coupling locking screw might not be tightened to the specified torque value.

Identification of Any Warning that can Occur : Before the issue occurs, the driver may be made aware of the issue by resulting noises when driving on uneven roads.

Involved Components :

Component Name 1 : FILLISTER HEAD SCREW

Component Description : FILLISTER HEAD SCREW - STEERING COUPLING TO STEERING GEAR

Component Part Number : A0109905604

Supplier Identification :

Component Manufacturer

Name : Mercedes-Benz AG

Address : NR

Foreign States

Country : Germany

Chronology :

In the end of August 2022, MBAG received a single field report outside the US describing noises while steering. The analysis of the vehicle rendered that a loose steering coupling locking screw caused the subject noises. MBAG launched investigations in order to identify the failure mechanism and root cause for an incorrectly torqued steering coupling locking screw.

In September 2022, the investigation concluded that the issue was caused by an individual worker error in the vehicle rework process of the assembly plant. Accordingly, all vehicles reworked by the subject worker were considered to be potentially affected, and a plant rework campaign was started to identify, block and rework all vehicles still in access of MBAG.

In October 2022, potentially affected vehicles in the field were identified and potential consequences of an incorrectly torqued locking screw were analyzed.

On December 9, 2022, MBAG determined that a potential safety risk cannot be ruled out and decided to conduct a recall.

MBAG confirms 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 USA.

Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz dealer will replace the steering coupling locking screw on the affected vehicles.
Pursuant to 49 C.F.R. § 577.11 (e), MBUSA does not plan to provide notice about pre-notice reimbursement to owners since none of the involved vehicles would have been previously subject to the condition described and all remain covered under the new vehicle warranty.

How Remedy Component Differs from Recalled Component : The steering coupling locking screw tightened to the specified torque value.

Remedy Part:
A0109905604 - FILLISTER HEAD SCREW - STEERING COUPLING TO STEERING GEAR; M10X30

Identify How/When Recall Condition was Corrected in Production : A change in the rework process ensures that this issue can no longer occur from August 4, 2022 onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on December 23, 2022. Owners will be notified of the voluntary recall campaign on January 27, 2023 .
A copy of all communications will be provided when available.

Planned Dealer Notification Date : DEC 23, 2022 - NR

Planned Owner Notification Date : JAN 27, 2023 - NR

* NR - Not Reported