

Part 573 Safety Recall Report

23V-662

Manufacturer Name : Mercedes-Benz USA, LLC**Submission Date :** NOV 03, 2023**NHTSA Recall No. :** 23V-662**Manufacturer Recall No. :** 2023100005**Manufacturer Information :****Population :**

Manufacturer Name : Mercedes-Benz USA, LLC

Number of potentially involved : 32

Address : 13470 International Parkway

Estimated percentage with defect : 100 %

Jacksonville FL 32218

Company phone : 1-877-496-3691

Vehicle Information :

Vehicle 1 : 2022-2022 Mercedes-Benz A220

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 12 Vehicles. The recall population was determined through production records. Vehicles outside of the population have headlamps adjusted according to current production specification.

Production Dates : NOV 11, 2021 - DEC 03, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2022-2022 Mercedes-Benz AMG GLA35

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 6 Vehicles. The recall population was determined through production records. Vehicles outside of the population have headlamps adjusted according to current production specification.

Production Dates : NOV 11, 2021 - DEC 03, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2022-2022 Mercedes-Benz GLA250

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 14 Vehicles. The recall population was determined through production records. Vehicles outside of the population have headlamps adjusted according to current production specification.

Production Dates : NOV 11, 2021 - DEC 03, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : Mercedes-Benz AG has determined that on certain A-Class and GLA (177 and 247 platform) vehicles, the headlamp adjustment might not meet current production specifications.

FMVSS 1 : 108 - Lamps, reflective devices, and assoc. Equipment

FMVSS 2 : NR

Description of the Safety Risk : In this case, the headlamps might be adjusted slightly too high. As a result, FMVSS 108 S.10 might not be fulfilled. The headlamps installed in the US might exceed the range specified by FMVSS 108 by approximately 0.05%.

A headlamp adjustment that is outside of the FMVSS108 S.10 specifications has the potential to create glare for oncoming traffic, which may increase the risk of a crash.

Description of the Cause : Due to a deviation in the headlamp adjustment system in the production plant, certain headlamp adjustments might not meet specifications. The issue described is not caused by a supplier.

Identification of Any Warning that can Occur : The driver will not receive a warning due to the nature of the failure mechanism.

Involved Components :

Component Name 1 : Lamp Unit - Left

Component Description : Lamp Unit - Left

Component Part Number : A1779061503

Component Name 2 : Lamp Unit - Right

Component Description : Lamp Unit - Right

Component Part Number : A1779061603

Component Name 3 : Lamp Unit - Left

Component Description : Lamp Unit - Left

Component Part Number : A2479060107

Component Name 4 : Lamp Unit - Right

Component Description : Lamp Unit - Right

Component Part Number : A2479060207

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

In October 2021, MBAG launched initial investigations based on a finding from an internal standard check that indicated a slight deviation in the headlamp adjustment. Subsequently, the root cause of the deviation and possible influences on the headlamp adjustment system were analyzed together with the supplier.

MBAG's initial analysis determined that the angle to which the headlamps were adjusted may have been slightly above or below production specifications. Based on that determination, MBAG initiated a plant rework measure to check headlamp adjustments in potentially affected vehicles and ensure headlamp adjustments for the vehicles still accessible by MBAG were completed in accordance with specifications.

MBAG monitored the field for indications of incidents potentially related to such headlamp adjustment. During this review one customer complaint, from outside of the US, was identified in the second half of 2022 in which the customer stated a deviation of the headlamps. In 2023, subsequent further review of plant action data, production records and service history of potentially affected vehicles showed that some vehicles' headlamps might have been adjusted to exceed specified tolerances.

On September 22, 2023, MBAG determined that a non-compliance with FMVSS 108 cannot be ruled out and decided to conduct a recall.

MBAG is not aware of any warranty claims, field or service reports, crashes or reports of property damage, death, or injury in the US related to this FMVSS non-compliance.

Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz dealers will check the headlamp adjustment on the affected vehicles and correct it, if necessary.

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 : Headlamps adjusted according to current production specifications.
Remedy Parts: Lamp Unit - Left A1779061503, Lamp Unit - Right A1779061603, Lamp Unit - Left A2479060107, and Lamp Unit - Right A2479060207

Identify How/When Recall Condition was Corrected in Production : A change in the calibration of the headlamp adjustment system ensures that this issue can no longer occur from December 6, 2021 onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on October 6, 2023. Owners were notified of the voluntary recall campaign on November 3, 2023. A copy of all communications will be provided when available.

Planned Dealer Notification Date : OCT 06, 2023 - NR

Planned Owner Notification Date : NOV 03, 2023 - NR

* NR - Not Reported