

Part 573 Safety Recall Report

23V-676

Manufacturer Name : Mercedes-Benz USA, LLC**Submission Date :** OCT 06, 2023**NHTSA Recall No. :** 23V-676**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Mercedes-Benz USA, LLC

Address : 13470 International Parkway

Jacksonville FL 32218

Company phone : 1-877-496-3691

Population :

Number of potentially involved : 5,326

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2023 Mercedes-Benz AMG SL55

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz 2022-2023 AMG SL-Class 2,567 Vehicles

The recall population was determined through production records.

Production Dates : JUN 04, 2021 - AUG 09, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2022-2023 Mercedes-Benz AMG SL63

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz 2022-2023 AMG SL-Class 2,759 Vehicles

The recall population was determined through production records.

Production Dates : JUN 04, 2021 - AUG 09, 2023

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") 2022-2023 SL (232 platform) vehicles with the M177 engine, the routing of the 12V-starter/alternator wiring harness might not meet specifications.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : On potentially affected vehicles, the wiring harness might contact the drive

Description of the Safety Risk : shaft and chafe, which may consequently result in a short circuit. A loss of propulsion cannot be ruled out. This might increase the risk of a crash. Additionally, due to the high electrical currents potentially flowing through this wiring harness, the temperature in this area might increase. Therefore, a risk of fire cannot be ruled out.

Description of the Cause : Due to an insufficiently secured clip, the wiring harness might not be routed as required. 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 : ELECTRICAL WIRING HARNES

Component Description : Busbar to starter and alternator

Component Part Number : A2325401019

Supplier Identification :

Component Manufacturer

Name : Mercedes-Benz AG

Address : NR

Foreign States

Country : Germany

Chronology :

In November 2022, MBAG became aware of an isolated case outside the US in which a customer alleged a loss of propulsion. It was found in this isolated field case that the wiring harness of the 12V-starter/alternator was damaged due to chafing on the drive shaft. Since there were no other cases of a similar nature known nor detected, the field case was concluded to be a single occurrence during vehicle production. In late August 2023, MBAG learned of additional field cases and together with its supplier, immediately initiated investigations regarding the root cause and potential consequences that may result from a damaged wiring harness. In addition, the field data was reviewed to identify possible related field cases and customer reports. On September 29, 2023, MBAG determined that a potential safety risk cannot be ruled out and decided to conduct a recall.

MBAG is currently aware of 6 warranty claims and field reports of potentially related cases received on December 7, 2022, February 24, 2023, April 3, 2023, June 23, 2023, July 6, 2023 and August 15, 2023 in the US.

MBAG is not aware of any cases of death or injury related to this defect.

Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz dealer will secure the 12V-starter/alternator wiring harness 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 : Remedy Parts:
A0069973590 – Cable Tie

Identify How/When Recall Condition was Corrected in Production : A change in how the 12V-starter/alternator wiring harness is secured ensures that this issue can no longer occur from August 30, 2023 onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on October 13, 2023. Owners will be notified of the voluntary recall campaign on or before December 5, 2023. A copy of all communications will be provided when available.

Planned Dealer Notification Date : OCT 13, 2023 - NR

Planned Owner Notification Date : DEC 05, 2023 - NR

* NR - Not Reported