

Part 573 Safety Recall Report

21V-526

Manufacturer Name : Mercedes-Benz USA, LLC**Submission Date :** AUG 31, 2021**NHTSA Recall No. :** 21V-526**Manufacturer Recall No. :** 2021080005**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 : 1,690
Estimated percentage with defect : 100 %

Vehicle Information :**Vehicle 1 :** 2020-2020 Mercedes-Benz GLB 250**Vehicle Type :** LIGHT VEHICLES**Body Style :** SUV**Power Train :** GAS

Descriptive Information : Mercedes-Benz 2020 GLB 250 1690 Vehicle The recall population was determined through production records. Vehicles outside of the recall population have the voltage converter according to current production specifications.

Production Dates : JUN 22, 2018 - FEB 11, 2021**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") 2020 GLB (247 platform) vehicles, the voltage converter used with the 115V socket for second row seating might not meet specifications.

FMVSS 1 : NR**FMVSS 2 :** NR

Description of the Safety Risk : In this case, the voltage at the socket might be 230V instead of 115V. As a consequence, a risk of fire through a connected device cannot be ruled out.

Description of the Cause : Due to a production deviation, voltage converters on certain vehicles might not meet US-market specifications.

Identification of Any Warning that can Occur : When the issue occurs, connected devices might not work as intended.

Involved Components :

Component Name 1 : Voltage Converter 230 V Socket

Component Description : Voltage Converter 230 V Socket

Component Part Number : A0008271105

Supplier Identification :

Component Manufacturer

Name : KEBODA TECHNOLOGY Co., Ltd.

Address : No.2388 Zuchongzhi Road
Shanghai Foreign States 201203

Country : China

Chronology :

In October 2019, MBAG launched an initial investigations based on reports from a specific assembly plant regarding the installation of voltage converters which might not meet specifications. According to the reports, a 230V voltage converter might have been installed for the second row seating of the vehicles instead of a 115V converter intended for the US market. Production workers were immediately instructed on the correct handling and installation of the voltage converters for the U.S. market. The potentially affected vehicles were subsequently blocked at the plant and reworked. In spring 2020, MBAG operations were restricted due to the COVID-19 pandemic.

When the operations fully resumed in July 2020, the issue was further investigated and it was found that some vehicles had been released from the plant prior to being reworked. MBAG then analyzed whether the installation of a 230V voltage converter could have a potential impact on vehicle safety if a device was connected to the socket. The performance of the voltage converter is impacted based on the type of external device that may be connected to the socket. Thus, the investigation was focused on evaluating a wide variety of devices that could potentially be connected to the voltage converter, including whether there was a potential for damage and if it would be limited to the device itself or whether there was the potential for damage to the vehicle or occupants. Detailed testing occurred through late 2020 and into 2021. In May 2021, the analysis indicated that there did not appear to be a potential safety hazard. On July 2, 2021, MBAG determined that due to the variety of possible external devices that could be connected to the socket, depending on the quality and specification of the individual device, the potential for a risk of fire could not be ruled out, and decided to conduct a recall on affected vehicles.

Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz dealer will check the voltage converter on the affected vehicles and replace it.

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 : Voltage converter according to specifications.

Power Inverter 115 V Socket - A0009820320

Identify How/When Recall Condition was Corrected in Production : A change in the production procedure ensures that this issue can no longer occur from January 27, 2020 onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on July 16, 2021. Owners will be notified of the voluntary recall campaign approximately by September 3, 2021. A copy of all communications will be provided when available.

Planned Dealer Notification Date : JUL 16, 2021 - NR

Planned Owner Notification Date : SEP 03, 2021 - NR

* NR - Not Reported