

Part 573 Safety Recall Report

22V-678

Manufacturer Name : Mercedes-Benz USA, LLC

Submission Date : NOV 07, 2022

NHTSA Recall No. : 22V-678

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 : 6,752

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2022 Mercedes-Benz C300

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz 2022 C-Class 6752 Vehicles. The recall population was determined through production records. Vehicles outside of the recall population have the cover for the SAM according to current production specifications.

Production Dates : JUN 24, 2021 - MAY 13, 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 in the event of water ingress into a particular section of the trunk in certain Model Year ("MY") 2022 C-Class Sedan (206 platform) vehicles, moisture might enter into the signal acquisition and actuation module.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In this case, a short circuit might occur in the signal acquisition and actuation module (SAM). In this connection, a risk of fire cannot be completely ruled out. Additionally, a short circuit could lead to various malfunctions. Among others, the exterior lighting at the rear of the vehicle might fail, the rear seatbacks might fold unintentionally, and the rearview camera might not be available. Thus, the risk of a crash or injury could be increased.

Description of the Cause : Before the issue occurs, the driver will not receive a warning due to the nature of the failure mechanism.

When the issue occurs, depending on the affected function, a respective warning message would be shown in the instrument cluster.

Identification of Any Warning that can Occur : Due to a deviation in the development process, it is possible that moisture might enter into the SAM in cases of water ingress into the trunk.

Involved Components :

Component Name 1 : SAM

Component Description : Rear Signal Acquisition and Actuation Module

Component Part Number : A2069002309

Component Name 2 : SAM

Component Description : Rear Signal Acquisition and Actuation Module

Component Part Number : A2069009513

Component Name 3 : SAM

Component Description : Rear Signal Acquisition and Actuation Module

Component Part Number : A2069000315

Component Name 4 : SAM

Component Description : Rear Signal Acquisition and Actuation Module

Component Part Number : A2069002409

Component Name 5 : SAM

Component Description : Rear Signal Acquisition and Actuation Module

Component Part Number : A2069009613

Component Name 6 : SAM

Component Description : Rear Signal Acquisition and Actuation Module

Component Part Number : A2069000415

Component Name 7 : SAM

Component Description : Rear Signal Acquisition and Actuation Module

Component Part Number : A20690028

Component Name 8 : SAM

Component Description : Rear Signal Acquisition and Actuation Module

Component Part Number : A2069001818

Component Name 9 : SAM

Component Description : Rear Signal Acquisition and Actuation Module

Component Part Number : A2069002711

Supplier Identification :

Component Manufacturer

Name : Mercedes-Benz AG

Address : NR

NR

Country : NR

Chronology :

The C-Class (206 platform) was introduced in the United States on May 6, 2022. Mercedes-Benz received warranty claims potentially related to water ingress into the vehicles' trunks and investigated those claims. In the course of these investigations, it was determined that, in certain situations when the trunk lid is wet, opening the trunk lid could cause water to drip into the trunk. Further analyses were conducted to determine whether and how such water might come into contact with the SAM.

From May through July 2022, potential consequences of water entering the SAM were analyzed and complaint cases from the field were evaluated.

In July and August 2022, Mercedes-Benz conducted additional tests and analyses regarding factors potentially contributing to water ingress into the trunk. In parallel, the Company identified potentially affected vehicles in the field.

On September 2, 2022, MBAG determined that a potential safety risk could not be ruled out and decided to conduct a recall.

MBAG is currently aware of 42 warranty claims in the US market received from May 17, 2022 through August 23, 2022. MBAG is not aware of any claims of crashes, injuries, or other third party damage as a result of this

occurrence.

Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz dealer will retrofit a cover over the SAM 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 : Installation of cover for the SAM.

Remedy Parts:
A 213 692 00 01 - Cover
A 000 995 81 90 - Cable Tie

Identify How/When Recall Condition was Corrected in Production : The introduction of a cover over the SAM in series production ensures that this issue can no longer occur from June 03, 2022 onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on September 19, 2022. Owners were notified of the voluntary recall campaign on November 4, 2022. A copy of all communications will be provided when available.

Planned Dealer Notification Date : SEP 19, 2022 - NR

Planned Owner Notification Date : NOV 04, 2022 - NR

* NR - Not Reported