

Part 573 Safety Recall Report

23V-098

Manufacturer Name : Mercedes-Benz USA, LLC**Submission Date :** FEB 27, 2023**NHTSA Recall No. :** 23V-098**Manufacturer Recall No. :** 2023020008**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
Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2021 Mercedes-Benz S 580 4Matic
Vehicle Type : LIGHT VEHICLES
Body Style : 4-DOOR
Power Train : GAS

Descriptive Information : 1 vehicle. The recall population was determined through production records. Vehicles outside of the recall population had the rework of the front fixed panel bonding performed according to specifications.

Production Dates : JUN 09, 2021 - JUN 09, 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 1 Model Year ("MY") 2021 S-Class (223 platform) vehicle, the fixed panel located between the windshield and the panoramic sunroof might not have been bonded according to the updated repair specifications.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In this case, the adhesion of the front fixed panel to the vehicle body might deteriorate gradually over time and could result in the front fixed panel to partially or fully detach from the vehicle, increasing the risk of a crash and/or injury for other road users.

Description of the Cause : Due to a deviation in the plant rework instruction documentation, the front fixed panel may have been bonded with an incorrect adhesive.

Identification of Any Warning that can Occur : When the issue occurs, the customer might observe a partially detached front panel or wind noises in the area of the sunroof.

Involved Components :

Component Name 1 : Front Fixed Glass Roof

Component Description : Front Fixed Glass Roof

Component Part Number : A2237802200

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

At the end of 2022, MBAG found during a standard review that a small number of vehicles were not processed during a plant action in 2021. This plant action was initiated because the applied adhesive to bond the front sunroof panel had been revoked for this application in the plant reworking process.

In January 2023, MBAG conducted further internal discussions as to whether the bonding would withstand the vehicle life time. Further analyses were carried out to identify all potentially affected vehicles in the field. On February 10, 2023, MBAG determined that a potential safety risk cannot be ruled out and decided to conduct a recall.

MBAG can confirm 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 : As a precautionary measure, an authorized Mercedes-Benz dealership will replace the front fixed panel on the affected vehicle and install it according to specifications.

Pursuant to 49 C.F.R. § 577.11(e), MBUSA does not plan to provide notice about pre-notice reimbursement to the owner since the vehicle would not have been previously subject to the condition described and all remain covered under the new vehicle warranty.

How Remedy Component Differs : New front fixed panels are installed with bonding adhesive according to current production specification.

from Recalled Component : A2237802200 – Front fixed glass roof
A0099898571 - Adhesive
A0059891971- Cleaner
A0099890171 - Activator
A0949893300 - Primer

Identify How/When Recall Condition was Corrected in Production : A change in the rework instruction ensures that this issue can no longer occur from July 22, 2021 onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on February 24, 2023. The vehicle owner will be notified of the voluntary recall campaign on or before April 18, 2023. A copy of all communications will be provided when available.

Planned Dealer Notification Date : FEB 24, 2023 - NR

Planned Owner Notification Date : APR 18, 2023 - NR

* NR - Not Reported