

Part 573 Safety Recall Report

21V-405

Manufacturer Name : Mercedes-Benz USA, LLC

Submission Date : JUL 09, 2021

NHTSA Recall No. : 21V-405

Manufacturer Recall No. : 2021060011



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 : 17

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2020 Mercedes-Benz GLB250

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Mercedes-Benz MY20 GLB250 17 vehicles. The recall population was determined through production records. Vehicles outside of the recall population have the airbags manufactured according to current production specifications.

Production Dates : APR 30, 2019 - JUN 20, 2019

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 bolting of the inflator within the frontal passenger airbag module as well as the fastening of the airbag fabric to the module might not meet specifications.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In this case, in the event of a crash necessitating airbag deployment, the airbag's fabric might tear at the bolting location which could impair the airbag's ability to protect the passenger occupant, increasing the risk of injury.

Description of the Cause : Due to a production deviation, a certain batch of passenger airbag modules might not have been built according to specifications.

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

Involved Components :

Component Name 1 : Front Passenger Airbag

Component Description : Front Passenger Airbag

Component Part Number : A2478607802

Supplier Identification :**Component Manufacturer**

Name : Joyson Safety Systems

Address : 2500 Innovation Dr.
Auburn Hills Michigan 48326

Country : United States

Chronology :

In September 2020, MBAG was informed by an internal partner that it had performed a check of one of the vehicles in its possession and found that a plant action remained open on the vehicle. MBAG launched an investigation and in the course of that investigation also found that there were questions about whether a related plant action which also affected the vehicles' airbag system had been conducted. The investigations occurred in parallel and revealed that early production vehicles produced between January and July 2019 were subject to a plant action where they were supposed to have had the passenger airbag modules replaced. While the initial testing of the airbag module indicated the vehicles met all internal specifications, later testing by the supplier in March 2019 indicated certain issues regarding the burn rate of the airbag fabric as well as a certain bolts not being torqued to specifications. Vehicles affected by this issue were subject to a plant action and rework. . In March – April 2021, the plant confirmed that vehicles had left the production plant without a replacement of the curtain airbags as required by the plant action and the possible impacts of the curtain airbag as installed in the vehicle were analyzed. As MBAG was made aware of the related curtain airbag issue, it investigated the performance of the frontal passenger airbag in pre-series production vehicles, including the effects of the pre-series airbags on the performance of the system in the event of a crash. On May 21, 2021, MBAG determined that a potential safety risk cannot be ruled out and decided to conduct a recall.

Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz dealer will replace the frontal passenger airbag module 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 the involved vehicles would not have been previously subject to the condition described.

How Remedy Component Differs from Recalled Component : Frontal Passenger airbag module according to specifications.
Front Passenger Airbag - A2478607802

Identify How/When Recall Condition was Corrected in Production : A change in the production procedure ensures that this issue can no longer occur from Jul 1, 2019 onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on June 7, 2021. Owners will be notified of the voluntary recall campaign approximately one week after launch to the dealers on July 27, 2021. A copy of all communications will be provided when available.

Planned Dealer Notification Date : JUN 07, 2021 - NR

Planned Owner Notification Date : JUL 27, 2021 - NR

* NR - Not Reported