

Part 573 Safety Recall Report

21V-216

Manufacturer Name : Mercedes-Benz USA, LLC**Submission Date :** APR 30, 2021**NHTSA Recall No. :** 21V-216**Manufacturer Recall No. :** 2021040002**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 : 109

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2021 Mercedes-Benz E350

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz MY2021 E350 69 vehicles. The recall population was determined through production records. Vehicles outside of the recall population have the passenger seat adjustment that meet specifications.

Production Dates : DEC 02, 2019 - OCT 06, 2020

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2021-2021 Mercedes-Benz E450 Wagon

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Mercedes-Benz MY2021 E450 Wagon 5 vehicles. The recall population was determined through production records. Vehicles outside of the recall population have the passenger seat adjustment that meet specifications.

Production Dates : DEC 02, 2019 - OCT 06, 2020

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 3 : 2021-2021 Mercedes-Benz E63S AMG

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz MY2021 E63S AMG 2 vehicles. The recall population was determined through production records. Vehicles outside of the recall population have the passenger seat adjustment that meet specifications.

Production Dates : DEC 02, 2019 - OCT 06, 2020

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 4 : 2020-2021 Mercedes-Benz E53 AMG

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz MY2020-2021 E53 AMG 9 vehicles. The recall population was determined through production records. Vehicles outside of the recall population have the passenger seat adjustment that meet specifications.

Production Dates : DEC 02, 2019 - OCT 06, 2020

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 5 : 2020-2020 Mercedes-Benz E63S AMG Wagon

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Mercedes-Benz MY2020 E63S AMG Wagon 1 vehicles. The recall population was determined through production records. Vehicles outside of the recall population have the passenger seat adjustment that meet specifications.

Production Dates : DEC 02, 2019 - OCT 06, 2020

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 6 : 2021-2021 Mercedes-Benz E450

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz MY2021 E450 23 vehicles. The recall population was determined through production records. Vehicles outside of the recall population have the passenger seat adjustment that meet specifications.

Production Dates : DEC 02, 2019 - OCT 06, 2020

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”) 2020-2021 E-Class vehicles (213 platform), the passenger seat adjustment might not meet specifications.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In this case, the range of movement for the front passenger seat could allow the passenger to position the seat too close in relation to the front passenger airbag. This condition could increase the risk of injury in the event of a crash with a front passenger airbag deployment in the front passenger seat.

Description of the Cause : Due to a deviation in the development process, the automatic passenger seat adjustment may not meet specifications within a certain production period.

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 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :**Component Manufacturer**

Name : Mercedes-Benz AG

Address : NR

NR

Country : NR

Chronology :

At the End of October 2020, MBAG launched initial investigations based on an internal analysis for quality assurance after it had updated certain production work instructions relating to seat adjustment processes. The analysis was launched after a possible deviation in the development process affecting the automatic seat adjustment was identified. In the beginning of December 2020, MBAG conducted further quality assurance measures and isolated and inspected vehicles at the production facility and reworked those vehicles as necessary. MBAG also provided further revised work instructions within the plant.

In January 2021, further analyses were done to identify whether any potentially affected vehicles had left the production facility prior to being inspected and reworked. On March 19, MBAG determined that a potential safety risk cannot be ruled out for those vehicles.

Description of Remedy :

Description of Remedy Program : As a precautionary measure, an authorized Mercedes-Benz dealer will perform the calibration of the passenger seat limiter 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 : The recall is performed to make sure the calibration of the automatic seat adjustment is done according to specification.

Identify How/When Recall Condition was Corrected in Production : A change in MBAG's development procedure ensures that this issue can no longer occur from October 7, 2020 onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on April 1, 2021. Owners will be notified of the voluntary recall campaign approximately one week after launch to the dealers on April 29, 2021. A copy of all communications will be provided when available.

Planned Dealer Notification Date : APR 01, 2021 - NR

Planned Owner Notification Date : APR 29, 2021 - NR

* NR - Not Reported