

Part 573 Safety Recall Report

23V-574

Manufacturer Name : Mercedes-Benz USA, LLC**Submission Date :** AUG 11, 2023**NHTSA Recall No. :** 23V-574**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 : 880

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2023-2023 Mercedes-Benz E450

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 173 Vehicles. The recall population was determined through production records. Coding parameters according to specifications.

Production Dates : MAR 10, 2022 - MAR 09, 2023

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2023-2023 Mercedes-Benz E350

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 432 Vehicles. The recall population was determined through production records. Coding parameters according to specifications.

Production Dates : MAR 10, 2022 - MAR 09, 2023

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 3 : 2023-2023 Mercedes-Benz AMG E63 S

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 2 Vehicles. The recall population was determined through production records. Coding parameters according to specifications.

Production Dates : MAR 10, 2022 - MAR 09, 2023

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 4 : 2023-2023 Mercedes-Benz E450 Wagon All Terrain

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : 40 Vehicles. The recall population was determined through production records. Coding parameters according to specifications.

Production Dates : MAR 10, 2022 - MAR 09, 2023

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

Vehicle 5 : 2023-2023 Mercedes-Benz AMG E63 S Wagon

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : 1 Vehicles. The recall population was determined through production records. Coding parameters according to specifications.

Production Dates : MAR 10, 2022 - MAR 09, 2023

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

Vehicle 6 : 2023-2023 Mercedes-Benz E450 Coupe

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : 2 Vehicles. The recall population was determined through production records. Coding parameters according to specifications.

Production Dates : MAR 10, 2022 - MAR 09, 2023

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

Vehicle 7 : 2023-2023 Mercedes-Benz AMG E53 Coupe

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : 3 Vehicles. The recall population was determined through production records. Coding parameters according to specifications.

Production Dates : MAR 10, 2022 - MAR 09, 2023

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

Vehicle 8 : 2023-2023 Mercedes-Benz E450 Cabriolet

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : 4 Vehicles. The recall population was determined through production records. Coding parameters according to specifications.

Production Dates : MAR 10, 2022 - MAR 09, 2023

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

Vehicle 9 : 2023-2023 Mercedes-Benz AMG E53 Cabriolet

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : 3 Vehicles. The recall population was determined through production records. Coding parameters according to specifications.

Production Dates : MAR 10, 2022 - MAR 09, 2023

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

Vehicle 10 : 2023-2023 Mercedes-Benz CLS450

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 73 Vehicles. The recall population was determined through production records. Coding parameters according to specifications.

Production Dates : MAR 10, 2022 - MAR 09, 2023

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

Vehicle 11 : 2023-2023 Mercedes-Benz AMG GT53 4-Door Coupe

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 72 Vehicles. The recall population was determined through production records. Coding parameters according to specifications.

Production Dates : MAR 10, 2022 - MAR 09, 2023

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

Vehicle 12 : 2023-2023 Mercedes-Benz AMG GT43 4-Door Coupe
Vehicle Type : LIGHT VEHICLES
Body Style : 4-DOOR
Power Train : GAS

Descriptive Information : 75 Vehicles. The recall population was determined through production records.
Coding parameters according to specifications.

Production Dates : MAR 10, 2022 - MAR 09, 2023

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") 2023 E-Class (213 platform), E-Class Coupe/Cabriolet (238 platform), CLS (257 platform) and Mercedes-AMG GT 4-door Coupe (290 platform) vehicles, the exit warning system coding parameters might not meet specifications.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The exit warning system can provide assistance by warning vehicle occupants of other road users approaching from behind when exiting the parked vehicle. However, due to incorrect coding, the vehicle occupants may not be warned by visual and acoustic cues from the exit warning system. As a result, this could increase the risk of crash or injury when opening the door in certain traffic situations.

Description of the Cause : Due to a deviation in the development process, the exit warning system coding parameters might not meet specifications.

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

Involved Components :

Component Name 1 : Multimode Radar Software

Component Description : Multimode Radar Software

Component Part Number : A0009020848

Supplier Identification :

Component Manufacturer

Name : Mercedes-Benz AG
Address : NR
Foreign States
Country : Germany

Chronology :

At the end of September 2022, MBAG's standard quality control testing found that the exit warning system, a subsystem of the Active Blind Spot Assist system, on certain vehicles may not provide visual or acoustic cues to the vehicle occupants before they open their door and a road user approaches the vehicle from behind. MBAG launched an investigation of this deviation. In late 2022, analyses determined that the exit warning system was coded with inaccurate parameters. MBAG then conducted additional analyses to determine potentially affected software versions and equipment variants. In parallel, MBAG initiated a plant rework measure to update the exit warning system coding parameters in potentially affected vehicles that were still in MBAG's control. Additionally, MBAG identified potentially affected vehicles in the field.

During 2023, MBAG conducted internal analyses of the potential effects and safety consequences of the observed issue on the exit warning system as well as the overall Active Blind Spot Assist system. These studies concluded that the inaccurate coding parameters only affected the vehicle's exit warning system that functions when the vehicle is parked on a street or roadway. MBAG did not identify any effect of this coding issue on other functions of the vehicle's Active Blind Spot Assist system.

On August 4, 2023, MBAG determined that a potential safety risk cannot be ruled out completely and decided to conduct a recall.

MBAG is not aware of any warranty claims, field reports, service reports, reports of property damage, death, or injury related to this defect in the U.S.A.

Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz dealer will update the coding parameters of the exit warning system 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 : Updated exit warning system coding parameters.
Remedy Part:
A 000 902 08 48 - Multimode Radar Software

Identify How/When Recall Condition was Corrected in Production : Adjusted coding parameters ensure that this issue can no longer occur from March 21, 2023 onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on August 18, 2023. Owners will be notified of the voluntary recall campaign before October 10, 2023. A copy of all communications will be provided when available.

Planned Dealer Notification Date : AUG 18, 2023 - NR

Planned Owner Notification Date : OCT 10, 2023 - NR

* NR - Not Reported