

Part 573 Safety Recall Report

24V-115

Manufacturer Name : Mercedes-Benz USA, LLC

Submission Date : APR 05, 2024

NHTSA Recall No. : 24V-115

Manufacturer Recall No. : 2024030008



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 : 31,848

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2023-2024 Mercedes-Benz C300

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz C-Class 2,048. The recall population was determined through production records. Vehicles outside of the recall population have an 80A fuse according to current production specifications.

Production Dates : FEB 06, 2023 - NOV 10, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 2 : 2024-2024 Mercedes-Benz AMG C63e S

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : Mercedes-Benz C-Class hybrid 10. The recall population was determined through production records. Vehicles outside of the recall population have an 80A fuse according to current production specifications.

Production Dates : FEB 06, 2023 - NOV 10, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 3 : 2023-2024 Mercedes-Benz AMG C43

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz C-Class 200.The recall population was determined through production records. Vehicles outside of the recall population have an 80A fuse according to current production specifications.

Production Dates : FEB 06, 2023 -NOV 10, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 4 : 2024-2024 Mercedes-Benz E350

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz E-Class 150.The recall population was determined through production records. Vehicles outside of the recall population have an 80A fuse according to current production specifications.

Production Dates : FEB 06, 2023 -NOV 10, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 5 : 2024-2024 Mercedes-Benz E450

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz E-Class 3.The recall population was determined through production records. Vehicles outside of the recall population have an 80A fuse according to current production specifications.

Production Dates : FEB 06, 2023 -NOV 10, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 6 : 2023-2023 Mercedes-Benz S500

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz S-Class 1,170.The recall population was determined through production records. Vehicles outside of the recall population have an 80A fuse according to current production specifications.

Production Dates : FEB 06, 2023 -NOV 10, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 7 : 2023-2024 Mercedes-Benz S580e

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : Mercedes-Benz S-Class hybrid 20.The recall population was determined through production records. Vehicles outside of the recall population have an 80A fuse according to current production specifications.

Production Dates : FEB 06, 2023 -NOV 10, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 8 : 2023-2024 Mercedes-Benz S580

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz S-Class 2,565.The recall population was determined through production records. Vehicles outside of the recall population have an 80A fuse according to current production specifications.

Production Dates : FEB 06, 2023 -NOV 10, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 9 : 2023-2024 Mercedes-Benz Maybach S580

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz S-Class Maybach 62.The recall population was determined through production records. Vehicles outside of the recall population have an 80A fuse according to current production specifications.

Production Dates : FEB 06, 2023 -NOV 10, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 10 : 2023-2024 Mercedes-Benz Maybach S680

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz S-Class Maybach 286.The recall population was determined through production records. Vehicles outside of the recall population have an 80A fuse according to current production specifications.

Production Dates : FEB 06, 2023 -NOV 10, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 11 : 2023-2024 Mercedes-Benz AMG SL43

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz SL 1,315.The recall population was determined through production records. Vehicles outside of the recall population have an 80A fuse according to current production specifications.

Production Dates : FEB 06, 2023 -NOV 10, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 12 : 2023-2023 Mercedes-Benz AMG SL55

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz SL 100.The recall population was determined through production records. Vehicles outside of the recall population have an 80A fuse according to current production specifications.

Production Dates : FEB 06, 2023 -NOV 10, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 13 : 2023-2024 Mercedes-Benz AMG SL63

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz SL 176.The recall population was determined through production records. Vehicles outside of the recall population have an 80A fuse according to current production specifications.

Production Dates : FEB 06, 2023 -NOV 10, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 14 : 2024-2024 Mercedes-Benz CLE300 Coupe

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz CLE 2.The recall population was determined through production records. Vehicles outside of the recall population have an 80A fuse according to current production specifications.

Production Dates : FEB 06, 2023 -NOV 10, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 15 : 2024-2024 Mercedes-Benz CLE450 Coupe
Vehicle Type : LIGHT VEHICLES
Body Style : 2-DOOR
Power Train : GAS

Descriptive Information : Mercedes-Benz CLE 5.The recall population was determined through production records. Vehicles outside of the recall population have an 80A fuse according to current production specifications.

Production Dates : FEB 06, 2023 -NOV 10, 2023

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

Vehicle 16 : 2024-2024 Mercedes-Benz GLC300 Coupe
Vehicle Type : LIGHT VEHICLES
Body Style : SUV
Power Train : GAS

Descriptive Information : Mercedes-Benz GLC 9.The recall population was determined through production records. Vehicles outside of the recall population have an 80A fuse according to current production specifications.

Production Dates : FEB 06, 2023 -NOV 10, 2023

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

Vehicle 17 : 2023-2024 Mercedes-Benz GLC300
Vehicle Type : LIGHT VEHICLES
Body Style : SUV
Power Train : GAS

Descriptive Information : Mercedes-Benz GLC 21,219.The recall population was determined through production records. Vehicles outside of the recall population have an 80A fuse according to current production specifications.

Production Dates : FEB 06, 2023 -NOV 10, 2023

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

Vehicle 18 : 2023-2023 Mercedes-Benz EQE350
Vehicle Type : LIGHT VEHICLES
Body Style : SUV
Power Train : NR

Descriptive Information : Mercedes-Benz EQE SUV Electric 272.The recall population was determined through production records. Vehicles outside of the recall population have an 80A fuse according to current production specifications.

Production Dates : FEB 06, 2023 -NOV 10, 2023

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

Vehicle 19 : 2023-2023 Mercedes-Benz EQE500

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : NR

Descriptive Information : Mercedes-Benz EQE SUV Electric 67.The recall population was determined through production records. Vehicles outside of the recall population have an 80A fuse according to current production specifications.

Production Dates : FEB 06, 2023 -NOV 10, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 20 : 2023-2024 Mercedes-Benz EQE350

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : NR

Descriptive Information : Mercedes-Benz EQE Sedan Electric 255.The recall population was determined through production records. Vehicles outside of the recall population have an 80A fuse according to current production specifications.

Production Dates : FEB 06, 2023 -NOV 10, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 21 : 2023-2024 Mercedes-Benz EQE500

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : NR

Descriptive Information : Mercedes-Benz EQE Sedan Electric 448.The recall population was determined through production records. Vehicles outside of the recall population have an 80A fuse according to current production specifications.

Production Dates : FEB 06, 2023 -NOV 10, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 22 : 2023-2023 Mercedes-Benz AMG EQE

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : NR

Descriptive Information : Mercedes-Benz EQE Sedan Electric 70.The recall population was determined through production records. Vehicles outside of the recall population have an 80A fuse according to current production specifications.

Production Dates : FEB 06, 2023 -NOV 10, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 23 : 2023-2023 Mercedes-Benz EQS450

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : NR

Descriptive Information : Mercedes-Benz EQS SUV Electric 51.The recall population was determined through production records. Vehicles outside of the recall population have an 80A fuse according to current production specifications.

Production Dates : FEB 06, 2023 -NOV 10, 2023

VIN Range 1 :Begin :

NR

End : NR

☐ Not sequential

Vehicle 24 : 2023-2023 Mercedes-Benz EQS580

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : NR

Descriptive Information : Mercedes-Benz EQS SUV Electric 234.The recall population was determined through production records. Vehicles outside of the recall population have an 80A fuse according to current production specifications.

Production Dates : FEB 06, 2023 -NOV 10, 2023

VIN Range 1 :Begin :

NR

End : NR

☐ Not sequential

Vehicle 25 : 2023-2024 Mercedes-Benz EQS450

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : NR

Descriptive Information : Mercedes-Benz EQS Sedan Electric 512.The recall population was determined through production records. Vehicles outside of the recall population have an 80A fuse according to current production specifications.

Production Dates : FEB 06, 2023 -NOV 10, 2023

VIN Range 1 :Begin :

NR

End : NR

☐ Not sequential

Vehicle 26 : 2023-2024 Mercedes-Benz EQS580

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : NR

Descriptive Information : Mercedes-Benz EQS Sedan Electric 331.The recall population was determined through production records. Vehicles outside of the recall population have an 80A fuse according to current production specifications.

Production Dates : FEB 06, 2023 -NOV 10, 2023

VIN Range 1 :Begin :

NR

End : NR

☐ Not sequential

Vehicle 27 : 2023-2024 Mercedes-Benz AMG EQS
Vehicle Type : LIGHT VEHICLES
Body Style : 4-DOOR
Power Train : NR

Descriptive Information : Mercedes-Benz EQS Sedan Electric 268.The recall population was determined through production records. Vehicles outside of the recall population have an 80A fuse according to current production specifications.

Production Dates : FEB 06, 2023 -NOV 10, 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”) 2023-2024 C-Class (206 platform), E-Class (214 platform), S-Class (223 platform), SL (232 platform), CLE (236 platform), GLC (254 platform), EQE SUV (294 platform), EQE (295 platform), EQS SUV (296 platform) and EQS (297 platform) vehicles, certain 80A fuses installed might not meet production requirements.

FMVSS 1 : NR
FMVSS 2 : NR

Description of the Safety Risk : As a result, a contact interruption or an increased triggering resistance might occur. In this case, systems connected to the fuse might become inoperable. Among others, the vehicle might lose propulsion without warning, restraint functions or the instrument cluster might be impaired, increasing the risk of a crash and injuries. In addition, a risk of fire cannot be ruled out.

Description of the Cause : Due to a deviation in the production process at a supplier, certain 80A fuses might not have been manufactured according to current production specifications.

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

Involved Components :

Component Name 1 : Fuse Box
Component Description : Fuse Box
Component Part Number : A2065407464

Component Name 2 : Fuse Box

Component Description : Fuse Box

Component Part Number : A2545402126

Component Name 3 : Fuse Box

Component Description : Fuse Box

Component Part Number : A2235403756

Component Name 4 : Fuse Box

Component Description : Fuse Box

Component Part Number : A2235403856

Component Name 5 : Fuse Box

Component Description : Fuse Box

Component Part Number : A2235403956

Component Name 6 : Fuse Box

Component Description : Fuse Box

Component Part Number : A2975407930

Component Name 7 : Fuse Box

Component Description : Fuse Box

Component Part Number : A2975408030

Component Name 8 : Fuse Box

Component Description : Fuse Box

Component Part Number : A2975407830

Supplier Identification :**Component Manufacturer**

Name : Intercable Automotive Solution S.r.l.

Address : Rienzfeldstrasse 21
Bruneck Foreign States 39031

Country : Italy

Chronology :

In September 2023, MBAG launched initial investigations based on internal quality analyses. In those cases, a specific fuse did not operate as required leading to a non-starting vehicle. Previous instances indicated that the phenomenon observed only occurred prior to leaving the plant and therefore vehicles in the field were not affected. However, the investigation concluded that an impaired fuse could also fail over the vehicle lifetime. At that time, MBAG was still only aware of non-starting vehicles in the production plant related to this issue.

To investigate the issue further, MBAG reviewed field cases to identify potentially similar customer reports. From October 2023 onwards, on the basis of this review, MBAG retrieved potentially affected parts from the field to conduct further examinations. Those were conducted together with its supplier and included various setups including X-Ray tests. The retrieval of all relevant parts had been completed in December 2023.

In parallel, through late 2023 and early 2024, investigations were initiated to determine potential consequences of the issue described. Those investigations included the identification of a large number of systems directly and indirectly connected to the fuses.

On February 9, 2024, MBAG determined that a potential safety risk cannot be ruled out and decided to conduct a recall.

MBAG confirms 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 : An authorized Mercedes-Benz dealer will replace the respective main fuse boxes 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 : Installed 80A fuse boxes meet the technical requirements.

from Recalled Component :

Remedy Part No:
Fuse Box - A2065407464
Fuse Box - A2545402126
Fuse Box - A2235403756
Fuse Box - A2235403856
Fuse Box - A2235403956
Fuse Box - A2975408030
Fuse Box - A2975407930
Fuse Box - A2975407830

Identify How/When Recall Condition was Corrected in Production : Adapting the sub supplier ensures that this issue can no longer occur from November 20, 2023.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on February 23, 2024. Owners were notified of the voluntary recall campaign before April 5, 2024. A copy of all communications will be provided when available.

Planned Dealer Notification Date : FEB 23, 2024 - NR
Planned Owner Notification Date : APR 05, 2024 - NR

* NR - Not Reported