

Part 573 Safety Recall Report

23V-878

Manufacturer Name : Mercedes-Benz USA, LLC**Submission Date :** JAN 26, 2024**NHTSA Recall No. :** 23V-878**Manufacturer Recall No. :** 2024010008**Manufacturer Information :****Population :****Manufacturer Name :** Mercedes-Benz USA, LLC**Number of potentially involved :** 7**Address :** 13470 International Parkway
Jacksonville FL 32218**Estimated percentage with defect :** 100 %**Company phone :** 1-877-496-3691**Vehicle Information :****Vehicle 1 :** 2023-2023 Mercedes-Benz GLC300**Vehicle Type :** LIGHT VEHICLES**Body Style :** SUV**Power Train :** GAS**Descriptive Information :** Mercedes-Benz 2023 GLC 5 Vehicles

The recall population was determined through production records.

Vehicles outside of the recall population have the fastening of the high-pressure fuel pump that meets current specifications.

Production Dates : FEB 18, 2023 - JUL 16, 2023**VIN Range 1 : Begin :**

NR

End : NR☐ Not sequential**Vehicle 2 :** 2024-2024 Mercedes-Benz GLE350**Vehicle Type :** LIGHT VEHICLES**Body Style :** SUV**Power Train :** GAS**Descriptive Information :** Mercedes-Benz 2024 GLE 1 Vehicle

The recall population was determined through production records.

Vehicles outside of the recall population have the fastening of the high-pressure fuel pump that meets current specifications.

Production Dates : FEB 18, 2023 - JUL 16, 2023**VIN Range 1 : Begin :**

NR

End : NR☐ Not sequential

Vehicle 3 : 2024-2024 Mercedes-Benz GLE450
Vehicle Type : LIGHT VEHICLES
Body Style : SUV
Power Train : HYBRID ELECTRIC

Descriptive Information : Mercedes-Benz 2024 GLE 1 Vehicle
The recall population was determined through production records.
Vehicles outside of the recall population have the fastening of the high-pressure fuel pump that meets current specifications.

Production Dates : FEB 18, 2023 -JUL 16, 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 in certain Model Year (“MY”) 2023-2024 GLE (167 platform) and GLC (254 platform) vehicles with the M254 engine, the bolting of the high-pressure fuel pump might not meet current specifications.

FMVSS 1 : NR
FMVSS 2 : NR

Description of the Safety Risk : In this case, the seal formed between the high-pressure fuel pump and tandem oil pump might be impaired. Thus, fuel and oil might leak and potentially spill onto the roadway, increasing the risk of a crash for the following traffic. If fuel or oil comes into contact with hot components, a risk of fire cannot be ruled out.

Description of the Cause : Due to a deviation in the production process, incorrect screws might have been used during assembly of the high-pressure fuel pump.

Identification of Any Warning that can Occur : When the issue occurs, the driver might notice the illumination of the malfunction indicator light (MIL) in the instrument cluster.

Involved Components :

Component Name 1 : screw
Component Description : screw
Component Part Number : N000000001392

Component Name 2 : high-pressure pump

Component Description : high-pressure pump

Component Part Number : A2540700400

Component Name 3 : high-pressure line

Component Description : high-pressure line

Component Part Number : A2540703300

Component Name 4 : fuel line

Component Description : fuel line

Component Part Number : A2540701200

Component Name 5 : fuel line

Component Description : fuel line

Component Part Number : A2540701300

Supplier Identification :

Component Manufacturer

Name : Mercedes-Benz AG

Address : NR

Foreign States

Country : Germany

Chronology :

In the beginning of October 2023, MBAG initiated initial investigations based on an internal quality review in an engine plant. This review revealed that the screws used to mount the high-pressure fuel pump in the engine plant might have been too long. Subsequently, investigations were initiated to determine potential consequences of the issue described. These investigations lasted until late November 2023 and determined, that the issue may result in a leakage of oil / fuel. In parallel, during November 2023, MBAG reviewed the fastening documentation together with the engine plant to determine which vehicles could potentially be affected. On December 15, 2023, MBAG determined that a potential safety risk cannot be ruled out and decided to conduct a recall.

MBAG is currently aware of two warranty claims received on 06/13/2023 and 06/14/2023 related to this defect in the USA. MBAG determined that no injury, crash or fire were reported in these claims.

Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz dealership , will replace the high-pressure fuel pump 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 fastening of the high-pressure fuel pump that meet current specifications.

Remedy Part No: screw N9010142008001
high-pressure pump A2540700400
high-pressure line A2540703300
fuel line A2540701200
fuel line A2540701300

Identify How/When Recall Condition was Corrected in Production : A change in the assembly procedure in the engine plant ensures that this issue can no longer occur from July 17, 2023 onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on December 28, 2023. Owners will be notified of the voluntary recall campaign on February 9, 2024.

A copy of all communications will be provided when available.

Planned Dealer Notification Date : DEC 28, 2023 - NR

Planned Owner Notification Date : FEB 09, 2024 - NR

* NR - Not Reported