

Chronology Supplement for ODI 23-00855-30123-10

December 1, 2023 (Original Submission):

In February 2022, MBAG investigated isolated field reports, from outside the US, alleging that the braking system in certain GLE vehicles did not respond as expected during operation.

MBAG began its analysis by conducting a detailed review of field data and examining vehicles identified in the field reports. At that time, MBAG was unable to identify a failure mechanism that might result in the reported issue.

MBAG conducted extensive further investigations through April 2023, including simulations of field and environmental conditions during endurance and wind tunnel tests that it suspected could trigger the reported failure. As part of these analyses and tests, MBAG explored whether factors such as weather conditions, the driving profile of the vehicle and wear to the braking system might contribute to the alleged issues. Due to the complexity and numerous environmental influences that contribute to the issue, MBAG was unable to reproduce the alleged phenomenon during this investigation.

MBAG launched a Black Belt project and team to analyze other processes or factors that may have contributed to the alleged occurrences. This team reviewed available data and hypothesized that, in certain driving conditions, the ESP control unit might not provide sufficient brake support. During the next several months, MBAG validated this hypothesis using technical reviews as well as analyses of field data from newly identified reports of the alleged issue from outside the US.

In September and October 2023, MBAG analyzed production records pertaining to this ESP control unit software version to identify the population of potentially affected vehicles in the field. Additionally, MBAG initiated a plant rework action to update the ESP control unit software in potentially affected vehicles that remained in MBAG's control.

On November 24, 2023, MBAG determined that a potential safety risk could not be ruled out and decided to conduct a recall.

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

December 4, 2023 Amendment:

Mercedes-Benz USA ("MBUSA") was notified by MBAG there was a minor population change from 2,770 to 2,797 vehicles. An increase of 27 vehicles. The model and model year remains the same as the original submission and no changes are necessary in this regard.