U.S. Department of Transportation
National Highway Traffic Safety Administration

OFFICE OF DEFECTS INVESTIGATION

ODI RESUME

Investigation: DP23003
Prompted By: Defect Petition
Date Opened: 07/25/2023 **Date Closed:** 05/20/2024
Investigator: Alexa Ardron **Reviewer:** Gregory Magno
Approver: Tanya Topka
Subject: Malfunction Indicator Light / No-Start

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: Mercedes-Benz USA, LLC
Products: 2023 Mercedes-Benz GLC300
Population: 23,328

Problem Description: The petition alleges that subject vehicle contains a defect that can cause the frequent illumination of the engine warning light and the inability to start the vehicle.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	EWR D&I	Other	Total	EWR Field Reports
All Incidents:	1	0	0	0	1	0
Crashes/Fires:	0	0	0	0	0	0
Injury Incidents:	0	0	0	0	0	0
Number of Injuries:	0	0	0	0	0	0
Fatality Incidents:	0	0	0	0	0	0
Number of Fatalities:	0	0	0	0	0	0

Description of Other:

ACTION/SUMMARY INFORMATION

Action: Petition is denied; close this Defect Petition.

Summary:
In a letter dated July 2, 2023, Aldelberto A. Cordova (the petitioner) submitted a petition requesting that NHTSA initiate an investigation of an alleged defect within the “ISG 48-volt on-

board electrical system," which resulted in warning light illumination as well as an inability to start the vehicle in a 2023 Mercedes-Benz GLC300.

ODI reviewed the petition, complaint data in NHTSA's databases and information gathered from an Information Request (IR) letter sent to Mercedes-Benz. Examination of this information indicates that the subject component listed in the petition is not capable of causing the a loss of motive power. The alleged defect cited in the petition was caused by a software deviation in the Central Powertrain Controller (CPC), which is a separate system and independent of the 48-volt system.

After thoroughly assessing the material submitted by the petitioner, information in NHTSA's possession, information submitted by Mercedes-Benz, NHTSA does not find that a formal investigation is warranted. Accordingly, the Agency is denying the petition. As with all potential motor vehicle safety risks, NHTSA will continue to review any new information or incidents as they are submitted to the Agency.

A Federal Register Notice (FRN) further detailing NHTSA's reasons for denial of the petition will be published in the future. The petition and its attachments can be reviewed at NHTSA.gov under reference ODI number 11533472.