

In September 2023, MBAG identified a single vehicle still within the production process with a suspect parking brake cable bracket spot weld at the underbody of the vehicle. MBAG immediately initiated a plant action to check all vehicles within the company's control.

Starting in October, MBAG initiated a follow-up review to check the delivery condition of the incoming components and logistics channels. This review revealed that one of six independent spot welds on the parking brake cable bracket might have been welded twice.

Additionally, an extended analysis of the processes in the production plant from November to December 2023 showed that another fixation point on the parking brake cable bracket might not have been welded according to current production specifications.

In January 2024, MBAG began to review production records with potentially questionable parking brake cable bracket attachment points.

Starting in April 2024, MBAG extended the investigation to identify vehicles with potentially affected welds on the bracket.

From June through July 2024, MBAG conducted extensive investigations to determine possible consequences of a suspect bracket attachment point in different use cases for the manual parking brake. Specifically, the applied forces associated with applying the manual parking brake were assessed to determine the worst-case scenario.

In September 2024, the analysis was extended to different vehicle configurations, such as different vehicle gross weights and wheelbases, to determine any potential influences from these factors. In parallel, intensive computer calculations to simulate dynamic forces on the bracket over vehicle's lifetime were carried out. As part of a finite element analysis, real-world use/misuse conditions for actuation cycles over a vehicle's lifespan were simulated, taking into account material specifications, as well as various dynamic scenarios and environments.

In January 2025, these tests concluded that, over time, such influences that increase the risk of failure of the parking brake cable bracket cannot be fully ruled out.

On February 21, 2025, MBAG concluded that a potential non-compliance cannot be ruled out and decided to conduct a voluntary recall.

MBAG can confirm there are no warranty claims, field or service reports, and other information related to this defect in the US, or worldwide.