

24V-xyz
Model Year 2023-2024
BMW Group Vehicles
Integrated Brake (IB)
Chronology
12 Feb 2024

In October 2023, an engineering review was initiated after field monitoring indicated an increasing trend of a potential issue with vehicles equipped with a certain configuration of Integrated Brake (IB) system. The IB supplier was also contacted.

In November, the supplier indicated that, production process anomalies could have occurred to certain internal components of the IB. Preliminary information indicated that this could cause an interference of the electrical signal to the IB's motor position sensor. This would illuminate a warning symbol and message in the vehicle's instrument cluster. Further reviews, and dynamic driving tests, were planned to understand and assess potential effects on vehicle performance. A review of information based upon customer perception and field experience was also planned.

In December, reviews of the supplier production process, supply chain logistics, and vehicle production / build configurations were performed. As a precaution, a vehicle stop ship at certain vehicle assembly plants, a corresponding dealer hold, and a supply chain block, was issued.

In January 2024, the engineering review continued with further in-depth analyses of IB functionality, and a comparison to prior IB, and other power assist brake, systems, including a failure mode assessment across various system designs, and their effects on vehicle performance. The field information review continued.

Vehicle assembly information and supplier production records were reviewed to determine the number and production dates of potentially affected vehicles.

On February 5, 2024, in an abundance of caution, BMW Group decided to conduct a voluntary safety recall.

Between June 2022 and February 2024, BMW became aware of approximately 48 customer complaints, concerns, and/or instances, 100 dealer field reports, and 459 warranty claims that relate, or may relate, to the issue identified in this report.

BMW Group has not received any reports, nor is BMW Group otherwise aware, of any accidents or injuries related to this issue.