

Part 573 Safety Recall Report

23V-050

Manufacturer Name : BMW of North America, LLC**Submission Date :** FEB 03, 2023**NHTSA Recall No. :** 23V-050**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : BMW of North America, LLC

Address : P.O. Box 1227

Westwood NJ 07675-1227

Company phone : 18005257417

Population :

Number of potentially involved : 397

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2023-2023 BMW 760i xDrive

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 305 vehicles have been manufactured with front passenger seat electronic control unit software that may not recognize the seat position.

Basis for recall population determination: Vehicle assembly information and production configuration records were reviewed to determine the production date range of potentially affected vehicles.

Recall component difference to non-recall component: The front passenger seat electronic control unit software may not recognize the seat position.

Production Dates : JUL 05, 2022 - JAN 24, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 2 : 2023-2023 BMW i7 xDrive60

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : Approximately 92 vehicles have been manufactured with front passenger seat electronic control unit software that may not recognize the seat position.

Basis for recall population determination: Vehicle assembly information and production configuration records were reviewed to determine the production date range of potentially affected vehicles.

Recall component difference to non-recall component: The front passenger seat electronic control unit software may not recognize the seat position.

Production Dates : JUL 04, 2022 - JAN 24, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : This safety recall involves the front passenger seat electronic control unit (ECU) software for vehicles equipped with the Executive Lounge Seating Package. Due to a software issue within the seat's ECU, in certain seat monitoring conditions, the ECU may not recognize the seat position. If this occurs, an invalid seat position condition is communicated to the air bag and restraint system ECU, a failsafe mode will be set, and appropriate warning messages will be communicated to vehicle occupants. In the failsafe mode, the front passenger air bag, knee air bag, and active headrest will not deploy in a crash when warranted.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the front passenger air bag, knee air bag, and active headrest do not deploy in a crash when warranted, this could increase the risk of injury.

Description of the Cause : NR

Identification of Any Warning that can Occur : A warning symbol, and a warning message, will be displayed in the instrument cluster.

Involved Components :

Component Name 1 : Front Passenger Seat ECU Software

Component Description : Front Passenger Seat ECU Software

Component Part Number : N/A - software issue

Supplier Identification :

Component Manufacturer

Name : BMW AG

Address : NR

NR

Country : NR

Chronology :

On November 2, 2022, during a quality check at a vehicle assembly plant, it was noticed that a BMW 735i (EU/ECE version) displayed an air bag system warning message. At that time, it was unclear as to why the message was being displayed. An engineering review was initiated.

Vehicle systems information was examined in an attempt to identify if similar vehicle diagnostic information was present in similar conditions. This review identified four vehicles containing diagnostic information in which the air bag warning messages had been displayed.

On November 17th, during an internal quality check, a BMW i7 (UN/ECE version) experienced a similar condition.

Between December 2022 and January 2023, further analyses, including a review of vehicle electronic control unit (ECU) monitoring / diagnostic software and lab and road tests, were conducted. A review of vehicle assembly information, production system records, and vehicle build configuration specifications, including software coding levels was performed, in order to determine specific vehicle models and/or option packages that could potentially be affected.

It was finally determined that, due to a software coding issue of the seat position ECU, certain ECU seat position monitoring routines could inadvertently not recognize the seat position and communicate an invalid seat position to the air bag and restraint system ECU, which would appropriately set a failsafe mode.

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

On January 27, 2023, BMW decided to conduct a voluntary safety recall.

BMW has not received any reports, nor is BMW otherwise aware, of any accidents or injuries that may be

related to this issue.

Description of Remedy :

Description of Remedy Program : Potentially affected vehicles will be programmed with updated software.

Owners are planned to be notified by First Class mail and instructed to take their vehicle to an authorized BMW dealer to have the remedy performed for free. If this condition was noticed on a potentially affected vehicle prior to this recall, the remedy would be covered by the BMW New Vehicle Limited Warranty program. Therefore, reimbursement for a pre-notification remedy re Part 573.13 and Part 577.11 is not necessary.

How Remedy Component Differs from Recalled Component : Recalled Component: Front Passenger Seat Electronic Control Unit Software – part number – N/A (software)

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Notification to dealers is planned to begin and end on February 3, 2023.

Notification to owners is planned to begin and end on March 28, 2023.

Planned Dealer Notification Date : FEB 03, 2023 - FEB 03, 2023

Planned Owner Notification Date : MAR 28, 2023 - MAR 28, 2023

* NR - Not Reported

From: [Broadcast Messaging System](#)
To: [DL-BMS Message Monitors](#)
Subject: BMW Recall 23V-xxx: Front Passenger Air Bag
Date: Friday, January 27, 2023 1:06:55 PM

Publish Date: January 27, 2023
From: Technical Service
Expiration Date: February 10, 2023

DCSnet Message
Urgent



Subject: **BMW Recall 23V-xxx: Front Passenger Air Bag**

BMW AG has issued a Delivery Stop (effective January 26, 2023) on certain Model Year 2023 BMW 7 Series and i7 vehicles that were produced between July 4, 2022 and January 24, 2023.

As of January 27, 2023, this delivery stop has been upgraded to a Safety Recall. This bulletin replaces Delivery Stop bulletin B52 02 23.




In rare circumstances in which the front passenger seat may be moved to a fully forward position, and then subsequently repositioned, a software issue may not appropriately record the seating position. As a result, the front passenger air bag, knee air bag, and active headrest may not deploy in a crash, which could increase the risk of injury.

The remedy will be a software fix and it's expected to be available sometime in February.

The Recall Notice and Q&A have been attached for further information.

The bulletin will be updated when additional information becomes available.

Sincerely,
Technical Service

Attachments:  [B650823 Recall Notice\[1674839581186\].pdf](#)
 [B650823\[1674839581186\].pdf](#)
 [B650823_23V-xyz-G70-FrontPassengerAirBag-FAQ-\(27Jan2023\)](#)
[\[1674839581186\].pdf](#) [B650823 Recall Notice\[1674839581186\].pdf](#)
[B650823\[1674839581186\].pdf](#)
[B650823_23V-xyz-G70-FrontPassengerAirBag-FAQ-\(27Jan2023\)](#)
[\[1674839581186\].pdf](#)

Recipients: BMW Passenger Cars, All Offering, All Region, All Areas, All Departments, All Personnel
BMW i, All Offering, All Region, All Areas, All Departments, All Personnel
BMW Passenger Cars, CC-All
RMW i CC-All



SIB 65 08 23

2023-01-27

Recall 23V-xxx: Front Passenger Air Bag

MODEL

E-Series	Model Description	Production Date
G70	760i xDrive & i7 xDrive60	July 4, 2022 – January 24, 2023

AFFECTED VEHICLES

Vehicles which require this campaign to be completed will show it as “Open” when checked either in AIR, AWP, Campaign Summary or Warranty Vehicle Inquiry.

Please make sure you check your dealer inventory as soon as possible. You can see a list of affected vehicles in Inventory Campaign Details (ICD) under ROSS.

SITUATION

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Supporting Materials

[picture_as_pdf B650823 Recall Notice.pdf](#)

[picture_as_pdf B650823_23V-xyz-G70-FrontPassengerAirBag-FAQ-\(27Jan2023\).pdf](#)

SAFETY RECALL NOTICE

To: All Center Operators, Sales Managers, Service Managers, Parts Managers and Warranty Processors

RE: Recall 23V-xxx: Front Passenger Air Bag – B65 08 23

BMW AG has issued a Delivery Stop (effective January 26, 2023) on certain Model Year 2023 BMW 7 Series and i7 vehicles that were produced between July 4, 2022 and January 24, 2023.

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Please be reminded that it is a violation of federal law (The Safety Act) for you to sell, lease or deliver any new motor vehicle covered by this notification until the recall repair has been performed. This means that Centers may not legally deliver new motor vehicles to consumers until they are fixed or use/sell replacement equipment/parts subject to this recall. Note also that substantial civil penalties apply to violations of the Safety Act.

Also, you should not sell, lease or deliver any Certified Pre-Owned or used vehicles subject to a safety recall until the repair is completed.

Please follow any special instructions that we provide to you for the return or disposition of recall parts.

We appreciate all your assistance with this Recall.

Safety Recall
23V-xyz
Front Passenger Air Bag
Model Year 2023
BMW 7 Series, i7 – (Executive Lounge Seating
Package)
Issue Date: 01/27/2023

- Q1. Which BMW Group models in the US are potentially affected by this Safety Recall?**
Model Year 2023 BMW 7 Series and i7 models (equipped with the Executive Lounge Seating Package) in the US are potentially affected.
- Q2. What is the specific issue?**
In rare circumstances in which the front passenger seat may be moved to a fully forward position, and then subsequently repositioned, a software issue may not appropriately record the seating position. As a result, the front passenger air bag, knee air bag, and active headrest may not deploy in a crash, which could increase the risk of injury.
- Q3. Why are other models / vehicles not included in this Safety Recall?**
This issue only affected BMW 7 Series and i7 with the Executive Lounge Seating Package.
- Q4. Can I continue to drive my vehicle?**
Yes. However, when you are notified by BMW of this Safety Recall, please contact an authorized BMW center to schedule an appointment as soon as possible. For the latest updates to this Safety Recall, please visit bmwusa.com/recall. **If you are not the only driver of this vehicle, please advise all other drivers of this important information.**
- Q5. How did BMW Group become aware of the issue?**
BMW Group became aware of the issue through its quality control procedures.
- Q6. How will I be informed of this Safety Recall?**
Owners of potentially affected vehicles will be notified via First Class mail and requested to schedule an appointment with an authorized BMW center to have the remedy performed. Owners can locate their nearest authorized BMW center at bmwusa.com/dealer.
- To ensure BMW has the most up-to-date contact and vehicle information, owners should register their vehicle at www.bmwusa.com/myBMW. Registration is free and will give them access to other information specific for their BMW vehicle. Alternatively, owners can visit bmwusa.com/recall and click on “**Manage recall notices and contact information**”.
- Q7. How will my vehicle be remedied?**
Potentially affected vehicles will receive a software update for free and should take about one hour.
- Q8. Do I have to wait for BMW to contact me to have the remedy performed?**
Yes. We are in the process of implementing this Safety Recall to ensure that the necessary parts, tools, and procedures are available. For the latest updates to this recall, please visit bmwusa.com/recall.