



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V811

Manufacturer Name: Bentley Motors, Inc.

Submission Date: Nov 24, 2025

NHTSA Recall No.: 25V811

Manufacturer Recall No.: RE25/46

Manufacturer Information

Population

Manufacturer Name: Bentley Motors, Inc.

Address: 2200 Ferdinand Porsche
Drive
Herndon VA, 20171

Total number of potentially involved: 130

Estimated percentage with defect: 100%

Vehicle Information

Vehicle 1: 2023-2023 BENTLEY BENTAYGA HYBRID

Product Category: Light Vehicles

Product Type: Multipurpose Passenger Vehicle

Fuel / Propulsion: Spark Ignition Fuel

Production Dates: Sep 13, 2023 - Sep 28, 2023

Number of potentially involved: 130

Descriptive Information:

- 1) The supplier has identified production dates where a defect may exist in the HV battery.
- 2) The recall action will install improved software into the Battery Management Controller. This new software has improved diagnostics to detect self discharge conditions in the HV battery. Once installed, the new software may identify HV batteries (or modules) that require replacing. This is expected to be a very low number of battery repairs/replacements (approx. 1%).

Vehicle 2: 2023-2023 BENTLEY BENTAYGA HYBRID

Product Category: Light Vehicles

Product Type: Multipurpose Passenger Vehicle

Fuel / Propulsion: Spark Ignition Fuel

Production Dates: Feb 23, 2023 - Nov 20, 2023

Number of potentially involved: 130

Descriptive Information:

- 1) The supplier has identified production dates where a defect may exist in the HV battery.
- 2) The recall action will install improved software into the Battery Management Controller. This new software has improved diagnostics to detect self discharge conditions in the HV battery. Once installed,

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the new software may identify HV batteries (or modules) that require replacing. This is expected to be a very low number of battery repairs/replacements (approx. 1%).

Defect / Noncompliance Description

Description of the defect or noncompliance:

Bentley has been informed that a defect may be present in the cell modules of the 48Ah High Voltage Battery, which could result in overheating during charging.

FMVSS1:

FMVSS2:

Description of the safety risk, including crash, fire, death, injury:

Overheating of the battery modules during charging (or shortly afterwards) could lead to thermal propagation, which may result in a fire hazard. There have been no reported fires or injuries on any Bentley vehicles, however, Bentley Motors Ltd are undertaking this action as a precautionary measure.

Description of the cause:

The supplier has raised two possible root causes, either particle contamination or separator damage within the HV battery, both of which could potentially cause a short circuit during charging of the vehicle (or shortly afterwards).

Identification of any warning that can occur:

None.

Component Manufacturer

Tier of Supplier:

Supplier Type:

Name: Samsung SDI Hungary Ltd

Address: Schenek István u. 1
Goed Foreign States, 2131

Country: Hungary

Involved Components

Component Name 1: High Voltage Battery

Component Description: High Voltage Battery

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Component Part Number: 4M0.915.101.D

Component Name 2: Battery Management Controller

Component Description: Battery Management Controller

Component Part Number: 4M0.915.233.AD

Chronology

27 Oct 2023 - Notification of a potential HV battery issue from another VW Group brand. No field occurrences reported on Bentley vehicles. No root cause identified, further investigation required.

05 Jun 2024 - Multi brand notification received, noting intention of VW Group brand to carry out a "Lifespan Study".

11 Jun 2024 - Topic first presented to Bentley's Product Safety Committee. Further information requested by the committee. No field occurrences reported on Bentley vehicles.

26 Jun 2024 - Bentley's Product Safety Committee made the decision of a field observation, whilst further analysis/investigation was carried out.

13 Nov 2024 - Bentley's Product Safety Committee were informed of another VW Group brand's intention to recall specific PHEV models. A technical differentiation was identified between the Bentley PHEV vehicles and the identified VW Group vehicles which negated Bentley's need for immediate field action. No field occurrences reported on Bentley vehicles.

01 Oct 2025 - Bentley's Product Safety Committee were informed of other VW Group brand's intention to recall further specific PHEV models. A technical differentiation was unclear between the Bentley PHEV vehicles and the further identified VW Group vehicles which required further investigation. No field occurrences reported on Bentley vehicles.

19 Nov 2025 - Topic returned to Bentley's Product Safety Committee after investigation into the technical details. Despite there being no field occurrences reported on Bentley vehicles, the committee made the decision of a safety recall on vehicles containing the potentially affected batteries (23MY Bentayga Hybrid vehicles) as a precaution.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Software

Consumer Advisories: Do Not Drive Park Outside

Description of remedy program:

We intend to provide written notification to owners of affected vehicles, through our official retailer network, requesting that the vehicle is returned to one of our official retailers so that new software can be installed that introduces diagnostic improvements for the high voltage battery. This may take up to

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two hours to complete. It is anticipated that a very small number (~1%) of high voltage batteries/modules may require replacing, if issues are detected by the new software after installation. This procedure will be carried out free of charge.

How remedy component differs from recalled component:

The remedy is to install improved software (SW0388 containing SDD2.0) onto the Battery Management Controller. SDD2.0 will improve the self-diagnosis capabilities of the high voltage battery with regards to self-discharge of the cell modules.

There is no mandatory changing of HV parts required, however, it is anticipated that a very small number (~1%) of high voltage batteries/modules may require replacing if issues are detected by the new software after installation.

Identify how/when recall condition was corrected in production:

Process improvements have been introduced at Samsung's production facility.

Reimbursement Plan

Description of reimbursement program:

A reimbursement plan will not be offered under this recall because the affected vehicle is within the New Vehicle Limited Warranty period.

Period of reimbursement:

Costs to be reimbursed:

Address for reimbursement claims:

Recall Schedule

Description of recall schedule:

Dealer anticipated 12/16/2025 Customer anticipated 12/23/2025

Planned Dealer Notification Date: Dec 16, 2025

No Dealers

Planned Interim Owner Notification Date:

No Owners

Planned Remedy Owner Notification Date: Dec 23, 2025

Phased Recall

Date when VIN will be searchable: Dec 23, 2025