

# Part 573 Safety Recall Report

# 24V-731

**Manufacturer Name :** Porsche Cars North America, Inc.

**Submission Date :** OCT 01, 2024

**NHTSA Recall No. :** 24V-731

**Manufacturer Recall No. :** ARB5



## Manufacturer Information :

**Manufacturer Name :** Porsche Cars North America, Inc.

**Address :** One Porsche Drive

Atlanta GA 30354

**Company phone :** 1-800-767-7243

## Population :

**Number of potentially involved :** 193

**Estimated percentage with defect :** 100 %

## Vehicle Information :

**Vehicle 1 :** 2020-2023 Porsche Taycan

**Vehicle Type :** LIGHT VEHICLES

**Body Style :** 4-DOOR

**Power Train :** HYBRID ELECTRIC

**Descriptive Information :** The vehicles were identified by data analytics to identify affected clusters of production.

**Production Dates :** NOV 07, 2019 - JUN 13, 2023

**VIN Range 1 : Begin :** WPOAC2Y18LSA70247 **End :** WPOAA2Y1XPSA17206  Not sequential

## Description of Defect :

**Description of the Defect :** Certain Taycan high-voltage batteries might experience short circuits within the battery modules, which can lead to thermal events and in some cases fires.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** A short circuit in the high-voltage battery module can increase the risk of a thermal event.

**Description of the Cause :** The root cause analysis suggests that supplier production issues in the high-voltage battery modules can, in rare instances, increase the risk of internal short circuits.

**Identification of Any Warning that can Occur :** There are no warnings.

## Involved Components :

Component Name 1 : Cell block module in high-voltage battery

Component Description : Cell block module in high-voltage battery

Component Part Number : NR

## Supplier Identification :

### Component Manufacturer

Name : LG ENERGY SOLUTION WROCŁAW sp. z o.o.

Address : LG 1A

Kobierzyce Foreign States 55-040

Country : Poland

## Chronology :

This is an expansion of prior recalls: 23V840 (manufacturer recall identification code APB5); 24V215 (manufacturer recall identification code ARA4); and 24V217 (manufacturer recall identification code ARA5).

As a precautionary measure, Porsche decided to continue data analytics and hardware analyses for this issue.

On 23 September 2024, Porsche determined that a safety-related defect exists in additional vehicles identified via data analytics and hardware analyses and decided to initiate this recall (manufacturer recall identification code ARB5).

This recall (ARB5) applies to a vehicle population in which data analytics showed data anomalies in the high-voltage battery modules (i.e., similar to the prior recall with the manufacturer recall identification code ARA4).

**Description of Remedy :**

Description of Remedy Program : As an interim remedy, the owner notification letter will advise that affected vehicles should only be charged to a maximum of 80% of the battery capacity.

As a final remedy, the affected modules in the high-voltage battery will be replaced.

All vehicles within this recall (ARB5) will also be part of a separate campaign identified by manufacturer recall identification code ARB7. ARB6/ARB7 will involve installation of on-board diagnostic software onto the subject vehicles.

The owner notification letter will advise that Porsche offers a reimbursement for pre-notification remedies in accordance with 49 CFR §573.13.

How Remedy Component Differs from Recalled Component : The vehicles were identified by data analytics based on latest root cause analyses to determine affected clusters in production. This report will be updated as necessary.

Replacement battery modules will be produced using improved cell production quality, as applicable.

Identify How/When Recall Condition was Corrected in Production : Vehicles produced after 04.03.2024 are not subject to this recall because of production countermeasures at the supplier.

**Recall Schedule :**

Description of Recall Schedule : Owners will be notified via mail within 60 days of the filing of this report.

Planned Dealer Notification Date : OCT 16, 2024 - OCT 16, 2024

Planned Owner Notification Date : NOV 29, 2024 - NOV 29, 2024

\* NR - Not Reported