

Replacement Requirement for Components within the High-Voltage Battery 2.0: No Mixed Installation of Components Permitted (06/24)

Vehicle Type: **Cayenne E-Hybrid (9YA / 9YB) / Cayenne S E-Hybrid (9YA / 9YB) / Cayenne Turbo E-Hybrid (9YA / 9YB)**

Model Year: **2024**

Concerns: **Need for replacement of the components listed below within the high-voltage battery 2.0**

- Circuit boards
- Adapter cable
- Plug holder including wire harness
- Wire harnesses

Cause: **In the high-voltage batteries installed ex works in model year 2024 (R), the above-mentioned components are designed with tin-plated plug contacts. As part of a material change, the available original parts of the respective components from the warehouse have been converted to gold-plated plug contacts.**

The **new components** equipped with **gold-plated plug contacts** must **not** be used in a mixed installation with the **previous tin-plated component statuses** in the event of replacement, as otherwise contact corrosion on the plug contacts can occur due to the different materials.

Action: If **one** of the components within the high-voltage battery 2.0 specified in the following section ⇒ *Technical Information 'Overview of affected components'* is required, **replace all affected components with tin-plated plug contacts with new components with gold-plated plug contacts.**

For the procedure for replacing the described components, see:
⇒ *Workshop Manual '270837 Disassembling and assembling high-voltage battery 2.0'*



Information

This action may only be carried out by appropriately trained and authorized persons.

- **Required qualification: High-voltage expert with E3PA technology training**



Information

All required components with gold-plated plug contacts are listed in the module "Required parts".

⇒ *Technical Information '270837 Required parts'*

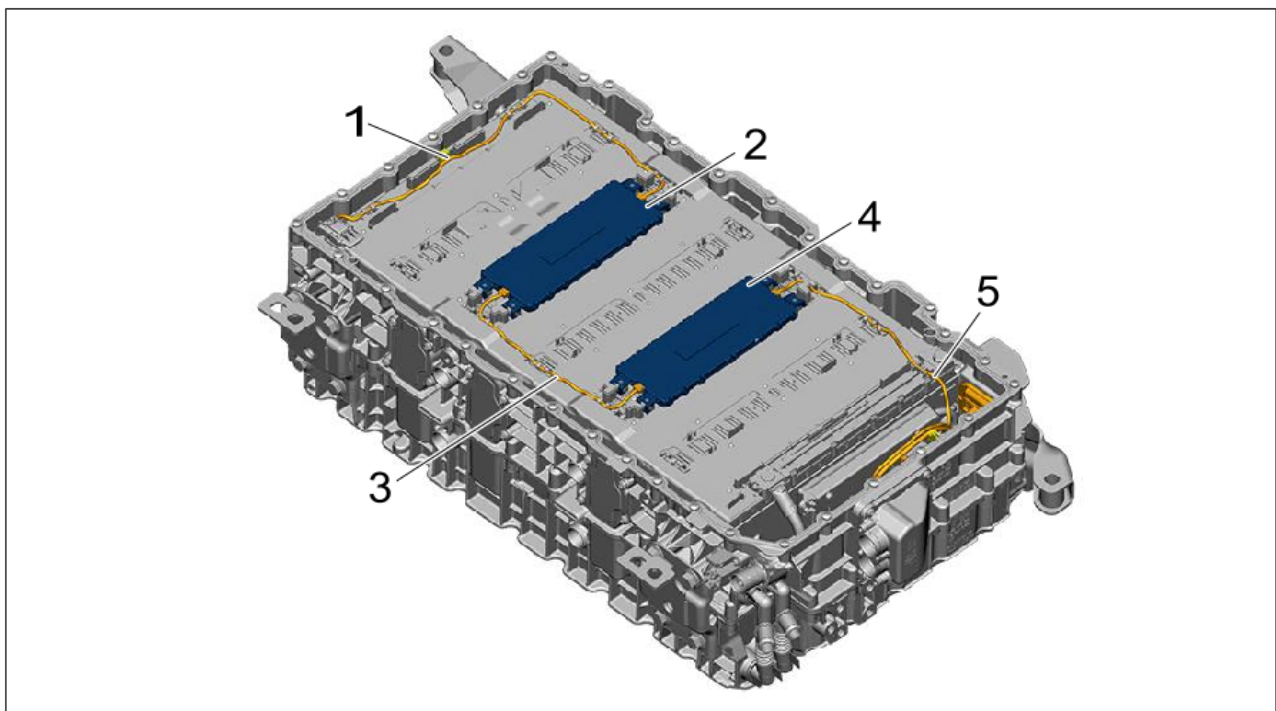


Information

If **all components** have already been replaced in the past **without any doubt** to the **new** component status with **gold-plated** plug contacts, only the affected component must be replaced in the event of a new replacement requirement.

Overview of affected components

Overview: **Affected components on upper level of high-voltage battery**

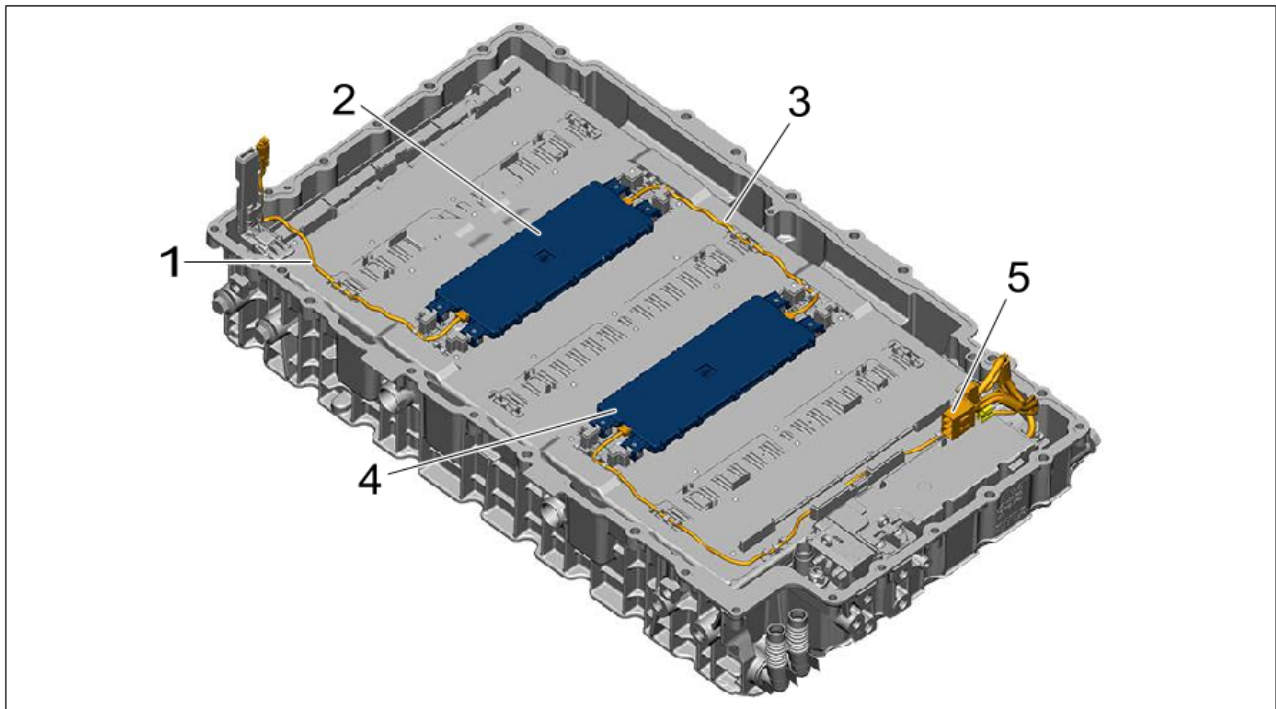


Affected components on upper level of high-voltage battery

Position	Designation	Part number – Gold contact
⇒ Affected components on upper level of high-voltage battery -1-	Wire harness	PAB915901C
⇒ Affected components on upper level of high-voltage battery -2-	Circuit board	PAB915115B

⇒ Affected components on upper level of high-voltage battery -3-	Adapter cable	PAB972546A
⇒ Affected components on upper level of high-voltage battery -4-	Circuit board	PAB915115C
⇒ Affected components on upper level of high-voltage battery -5-	Plug holder including wire harness	PAB915703C

Affected components on lower level of high-voltage battery



Affected components on lower level of high-voltage battery

Position	Designation	Part number – Gold contact
⇒ Affected components on lower level of high-voltage battery -1-	Wire harness	PAB915901E
⇒ Affected components on lower level of high-voltage battery -2-	Circuit board	PAB915115B
⇒ Affected components on lower level of high-voltage battery -3-	Adapter cable	PAB972546A
⇒ Affected components on lower level of high-voltage battery -4-	Circuit board	PAB915115C
⇒ Affected components on lower level of high-voltage battery -5-	Wire harness	PAB915901D

Required parts

Parts Info:



Information

In the event that components with **tin-plated** plug contacts require replacing, replace all affected components with the components with **gold-plated** plug contacts listed below.

Part No.	Designation – Location	Quantity
PAB915115B	⇒ Circuit board – High-voltage battery	2 pieces
PAB915115C	⇒ Circuit board – High-voltage battery	2 pieces

PAB972546A	⇒ Adapter cable – High-voltage battery	2 pieces
PAB915703C	⇒ Plug holder including wire harness – High-voltage battery	1 piece
PAB915901C	⇒ Wire harness – Circuit board	1 piece
PAB915901D	⇒ Wire harness – Circuit board	1 piece
PAB915901E	⇒ Wire harness – Circuit board	1 piece



Information

All additionally required parts and materials required for repairing the high-voltage battery must be researched using the corresponding Workshop Manuals and the Porsche spare parts catalogue (PET2).

Labor position and PCSS encryption

Labor position:

APOS	Labor operation	I No.
27083762	Disassembling and assembling high-voltage battery	

PCSS encryption:

Location (FES5)	2708	High-voltage battery
Damage type (SA4)	9735	repair in accordance with PAG instructions

- References: ⇒ *Workshop Manual '270819 Removing and installing high-voltage battery 2.0'*
 ⇒ *Workshop Manual '270837 Disassembling and assembling high-voltage battery 2.0'*

Important Notice: Technical Bulletins issued by Porsche Cars North America, Inc. are intended only for use by professional automotive technicians who have attended Porsche service training courses. They are written to inform those technicians of conditions that may occur on some Porsche vehicles, or to provide information that could assist in the proper servicing of a vehicle. Porsche special tools may be necessary in order to perform certain operations identified in these bulletins. Use of tools and procedures other than those Porsche recommends in these bulletins may be detrimental to the safe operation of your vehicle, and may endanger the people working on it. Properly trained Porsche technicians have the equipment, tools, safety instructions, and know-how to do the job properly and safely. Part numbers listed in these bulletins are for reference only. The work procedures updated electronically in the Porsche PIWIS diagnostic and testing device take precedence and, in the event of a discrepancy, the work procedures in the PIWIS Tester are the ones that must be followed.

© 2024 Porsche Cars North America, Inc.