

Y1A, Y1B, Y1C- High-Voltage (HV) Battery B1D9*** - Cell module x, aging detected

Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
Taycan	As of 2020 up to 2024	Y1A, Y1B, Y1C	N/A	N/A

Revision History

Revision	Release Date	Changes
0	September 12, 2025	Original document

Condition

After updating the HV battery control unit (BMC) SW as part of the ARB6/7 recall campaigns, customers may complain of a yellow warning message “Electrical system fault Inspection necessary” on each vehicle start up shown in figure 1. The vehicle can still be driven in the presence of this warning, but control unit **automatically limits the maximum charging capacity to 80%** to reduce the risk of a short circuit in the battery.

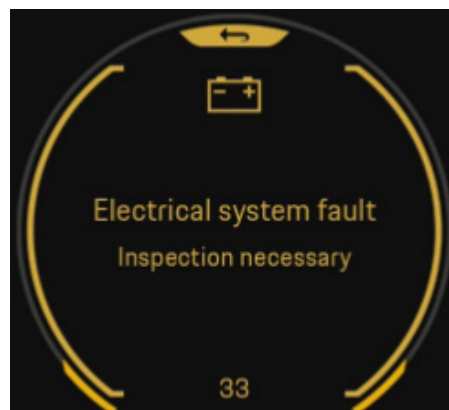


Figure 1

During diagnosis, the workshop finds one or more fault memory entries titled “**B1D9***- cell module x, ageing detected**” in the high-voltage battery control unit. In the fault code, the character * can represent various numbers (1–9) or letters (A–Z). Each of these characters identifies a specific battery module. At point x in the fault title, the number of the affected battery module is specified.

Advanced Technical Information

Bulletin #: 2523

Part ID: 2708

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Technical Background

The new HV battery software (1606 or 1652 depending on model year) performs a more thorough self-diagnosis routine to detect early cases of cell failures in each module. These faults set for specific cell failures and should not be treated as sporadic software faults that need to be cleared and reproduced to verify the failure. Maximum SoC of the entire battery will be limited to 80% as long as this warning is present.

Service Information

If any of these faults are present, even without the yellow warning shown above, send a ticket to PCNA technical support to begin further diagnosis for HV battery repair. If a repair is not completed within 180 days, the max SoC limitation will automatically reduce from 80% to 50%.

Warranty

No warrantable work is described in this case.

Search Items

HV Battery, BMC, module, cell, SoC, electrical system fault, inspection necessary, ARB6, ARB7

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