

Technical Service Bulletin

Transaction No.: **2074808/4**

93 Service info: lithium-ion high-voltage batteries - determining energy content, additional information for dealerships

Release date: May 6, 2026

Condition

Model(s)	Year(s)	VIN Range	Vehicle Specific Equipment
All Audi vehicles (*except e-tron GT variants)	2013 – 2027	All	OK3 OK9 Lithium-ion high-voltage battery
e-tron GT, and RS e-tron GT	2022 – 2026	All	Not applicable

REVISION HISTORY		
Revision	Date	Purpose
4	-	Revised header (Added MYs)
3	12/11/2025	Revised <i>Service</i> (Updated verbiage) Revised Attachment (Updated instructions)
2	11/15/2024	Revised <i>Service</i> (Updated verbiage) Revised <i>Warranty</i> (Updated Warranty Table)

 NOTICE This technical service bulletin (TSB) only applies to vehicles with an electric drive motor / high-voltage lithium-ion battery (fully electric vehicles and hybrid vehicles).

Customer states:

- The electrical range has decreased.
- The petrol consumption of the vehicle (hybrid) has increased.

or

- I require reliable information about the status of the high-voltage battery for this vehicle so that I can sell the vehicle. (for example)

Workshop findings:

- The customer statement can be reproduced.

- No relevant event memory entries (active/static) indicating an issue with the high-voltage battery are logged in the control unit for hybrid battery management (diagnostic address 008C).

Technical Background

The high-voltage batteries in electric vehicles are subject to various ageing effects which could lead to the energy content (energy density) being reduced. This reduction in the energy content, which is due to factors such as ageing, is normal.



In this connection, please also observe the model year-specific warranty conditions for hybrid vehicles.

Production Solution

Not applicable.

Service

Check energy content of high-voltage battery:



There are various options in *Guided Functions* for determining the energy content.

The main differences in the test plans are explained in the following table:

	Battery Health Status (BHS)	Battery Health Certificate (BHC)	Battery Health Quick Test (BHQ)
Duration	Approx. 25 to 50 TU	Approx. 50 TU of productive tester time. Total duration up to 750 TU	Approx. 25 to 50 TU
Output	General indication, no numerical value in %	Numerical value in %	Numerical value in %
Measurement tolerance	+/- 10 percentage points	+/- 1-2 percentage points	+/- 10 percentage points (without qualified measurement) +/- 5 percentage points (with qualified measurement) Please refer to the note under “Regarding 2.”
Billing options	Warranty if customer complaint is justified	Warranty if customer complaint is justified. <i>or</i> In customer order	Only in customer order



The test plans can be found in *Guided Fault Finding* under the following path:

- 008C - Hybrid Battery Energy Management
- 008C - Battery management, functions
- 008C – Determining remaining energy content of the high-voltage battery

1. The following test plans must be used to check the energy content of the high-voltage battery **under warranty**:

- Battery Health Status
- Battery Health Certificate

 NOTICE

If checking the energy content does not reveal any faults covered by the warranty, it is not possible to bill the manufacturer.

 NOTICE

If checking the energy content reveals a fault covered by the warranty, this check must be billed in the claim for the repair required to remedy the fault; it must not be billed separately.

2. The following test plans can be used to determine the energy content of the high-voltage battery **if requested by the customer**.

- Battery Health Quick Test
- Battery Health Certificate

 NOTICE

If the energy content is checked at the customer's request, it is not possible to bill a warranty claim to the manufacturer.

Regarding 1:

- First perform "Battery Health Status" test plan in *Guided Fault Finding*.
- If the test result shows a battery capacity of 70% or above, this is indicated within the test plan by an **OK**. No numerical value is indicated.
- If *Guided Fault Finding* does not recommend a long measurement (indicated by **no**), the test work ends here.
- If the energy content of the high-voltage battery is 70% or above, there is **no** fault covered under warranty.
- If *Guided Fault Finding* recommends a long measurement (indicated by a **yes**), the "Battery Health Certificate" test plan must be performed in *Guided Fault Finding*.
- The battery capacity is indicated as a percentage value. If the test result shows a battery capacity of 70% or above, the test work ends here. This is **not** a fault which is covered under warranty.
- If the test result shows a battery capacity below 70%, check the warranty conditions applying to the vehicle to find out whether this is covered by warranty. Before replacing the high-voltage battery, contact your importer.

Regarding 2:

- Perform the “Battery Health Quick Test” or “Battery Health Certificate” test plan in *Guided Fault Finding*.

! NOTICE

The customer can positively influence the test result in the measurement tolerance by preconditioning the high-voltage battery. Preconditioning the high-voltage battery can generate a qualified measurement value for all vehicle types. The qualified measurement value can improve the measurement tolerance from +/- 10 percentage points to +/- 5 percentage points. In addition to this, preconditioning reduces the length of time the vehicle needs to remain in the workshop if the long measurement (BHC) is performed by avoiding waiting times due to discharging the battery to reach the starting conditions. Refer to the information in the attachments included with this TSB. You can supply the customer with the information regarding the test plan in question.

Warranty

! NOTICE

Only the “Battery Health Status (BHS)” and “Battery Health Certificate (BHC)” tests can be billed under warranty if there is a justified customer complaint. If the energy content is checked at the customer’s request, it is not possible to bill a warranty claim to the manufacturer.

Service number/damage code: not applicable as no separate claim is to be made (refer to information above)

The following repair operation numbers can be used to bill the test work:

Claim Type:	• If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
BHC Test Plan:	Check high-voltage battery assembly	9303 0100	See SRT with associated operations
	High-voltage battery assembly diagnosis	9303 0599	50 TU
BHS Test Plan:	GFF/Guided Functions	0150 0010	See SRT with associated operations
	Check high-voltage battery assembly	9303 0299	Time stated on the diagnostic protocol
Claim Comment:	As per TSB 2074808/4		

All warranty claims submitted for payment must be in accordance with the *Audi Warranty Policies and Procedures Manual*. Claims are subject to review or audit by Audi Warranty.

Additional Information

All part and service references provided in this TSB (**2074808**) are subject to change and/or removal. Always check with your Parts Department and/or ETKA for the latest information and parts bulletins. Please check the Repair Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.

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