

Technical Service Bulletin

Topic	93 Q5/A7 PHEV - red electrical system fault in instrument cluster - P0AC000 in 008C
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Audi
Transaction No.	2076748/2
Level	EH
Status	Released for publishing
Release date	Apr 30, 2025

Diagnostic trouble codes

Diagnostic address	Diagnostic trouble code	Fault symptom	Storage state
008C - Hybrid battery management	P0AC000: Hybrid/EV Battery Pack Current Sensor "A" Circuit Range/Performance		Intermittent
008C - Hybrid battery management	P0AC000: Hybrid/EV Battery Pack Current Sensor "A" Circuit Range/Performance		static

New customer code

Object of complaint	Complaint type	Position
vehicle service -> vehicle diagnosis -> Guided Fault Finding (GFF)	control modules, services -> with fault stored in the DTC memory	
engine -> engine operation -> electro-drive mode	functionality -> no function	
engine -> engine operation -> electro-drive mode	functionality -> does not switch on/connect	
engine -> engine operation -> electro-drive mode	functionality -> cannot be switched on/activated	
information, navigation, communication, entertainment -> malfunction display symbols -> vehicle electrical system malfunction indicator	functionality -> activates	
engine -> engine operation -> engine start	functionality -> no function	

Vehicle data

Q5 PHEV

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
FY*	2020	A		*	*	*
FY*	2021	A		*	*	*
FY*	2022	A		*	*	*
FY*	2023	A		*	*	*
FY*	2024	A		*	*	*

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
FY*	2025	A		*	*	*

PR numbers

PR numbers
?:with OK3

Control units

Diagnostic address	Software part number	Software version	Hardware part number	Hardware version
06D0 - High-Voltage Battery Switch Box	*	0108	*	*

A7 PHEV

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
4K*	2021	A		*	*	*
4K*	2022	A		*	*	*

PR numbers

PR numbers
?:with OK3

Control units

Diagnostic address	Software part number	Software version	Hardware part number	Hardware version
06D0 - High-Voltage Battery Switch Box	*	0208	*	*

Documents

Document name
master.xml

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised header (Add Model Year)
1	01/31/2025	Initial publication

Customer states:

- The red electrical system warning is shown in the instrument cluster with the message “Electrical system: fault. Safely stop vehicle”.
- Vehicle can no longer be started

Workshop findings:

The customer statement can be reproduced.

The following event memory entry is logged (static/intermittent) in control unit for hybrid battery management (diagnostic address 008C):

- **P0AC000**: “Hybrid/EV Battery Pack Current Sensor "A" Circuit Range/Performance” (symptom ID: 14340)

None of the following event memory entries (neither static nor intermittent) are logged in control unit for hybrid battery management (diagnostic address 008C):

- **P0AA700**: Hybrid/EV Battery Voltage Isolation Sensor Circuit
- **P0AA100**: Hybrid Battery Positive Contact Circuit Stuck Closed
- **P0AA200**: Hybrid/EV Battery Positive Contactor Circuit Stuck Open
- **P0AA400**: Hybrid/EV Battery Negative Contact Circuit Stuck Closed
- **P0AA500**: Hybrid/EV Battery Negative Contact Circuit Stuck Open

The software version of the switching unit for high-voltage battery -SX6- is either 0108 or 0208.

The software version of the switching unit for high-voltage battery can be checked as follows:

- Guided Functions in ODIS >> Diagnostic address 008C >> Guided Function >> Read identification >> Read additional identification data >> Read and display identification data of sub-systems (slaves). The result of the identification is shown in the diagnostic log.

Technical Background

Not applicable.

Production Solution

Not applicable.

Service



NOTICE

This TSB does not apply in the following cases:

- **Repair measures that have already been described in a TSB.**
- **Repair measures that are required due to an accident.**

This TSB replaces Pending Service Solution (PSS) TSB 2074901: Q5/A7 PHEV - red electrical system fault in instrument cluster - P0AC000 in 008C.

If this TSB applies, please proceed as follows:

- Activate bus sleep mode
 - a. Lock the vehicle
 - b. No electrical equipment must be active (contactors must be open)
 - c. Vehicle must no longer be connected to charger
- Erase all event memory entries after the bus sleep cycle
- Then re-assess whether the issue still occurs

If the complaint persists after the bus sleep cycle, please submit a TAC ticket or TAC Web ticket.

Please write the number of this ⇒TSB (2076748/*) in the field for additional information on workshop findings. This allows the internal department to identify the connection to this TSB quickly.

TAC will contact you as soon as possible and provide further information.

Warranty

Replacing parts or attempting repairs will not fix the problem. Unjustified work/replacement parts will be charged back. Invoicing under warranty is not permitted.

Claim Type:	• If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	9327		
Damage Code:	0039		
Labor Operations:	Check vehicle (bus sleep mode)	0689 0199	10 TU
	GFF / Guided Functions	0150 0060	Time stated on the diagnostic protocol
	GFF	0150 0010	See SRT with associated operations
Claim Comment:	As per TSB 2076748/2		

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 (**2076748**) 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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