



Technical Service Bulletin

93 Q4 e-tron - drive system cannot be activated / event memory entry P0BBD00 (static) in diagnostic address 008C

93 24 23 2075721/1 October 22, 2024.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q4 e-tron, and Q4 Sportback e-tron	2024 - 2025	All	Not Applicable

Condition

Customer states:

- The drive system cannot be activated; the electric drive is not working.
- In addition to this, the warning lamp for the electric drive system and the electrical system lights up.

Workshop findings:

- The customer statement can be reproduced.

and

- The following DTC is/are logged in *the* hybrid battery management control unit -J840-, (address word 008C):
 - **P0BBD00**: Hybrid Battery Pack Voltage Variation Exceeded Limit (active/static).

and

- The software version of control unit for hybrid battery management (diagnostic address 008C) is 1122.

Technical Background 1

Unfavorable overlapping of various parameters leads to the cell capacities of the hybrid battery not being adapted correctly. As a result, the event memory entry P0BBD00 is logged in diagnostic address 008C and the drive system cannot be activated.

Production Solution

Not applicable.

Service

1. Adapt cell capacities of high-voltage battery.
2. Check event memory entries in hybrid battery management control unit (diagnostic address 008C).



Technical Service Bulletin

Process 1: Adapt cell capacities of high-voltage battery:

Adapt cell capacities of high-voltage battery as specified in the attachment "Anleitung_Zellkapazitäten_anlernen_im_Service_VST".

Process 2: Check event memory entries in hybrid battery management control unit (diagnostic address 008C) and adaptation status of cell capacities of high-voltage battery:

If the event memory entry P0BBD00 no longer appears after **step 1** has been completed, the work ends here. The vehicle can be returned to the customer.



NOTICE

If the event memory entry P0BBD00 still appears, please create a TAC Web ticket. Please write the number of this TSB: 2075721 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

Claim Type:	<ul style="list-style-type: none"> • If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only. 		
Service Number:	9303		
Damage Code:	0039		
Labor Operations:	GFF/ Guided Function (Main Task)	0150 0010	See SRT with associated operations
	GFF/ Guided Function (Associated Task)	0150 0060	Time stated on the diagnostic protocol
	Open and close service disconnection (Associated Task)	9310 0999	10 TU
	Road test prior to the service procedure	0121 0002	10 TU
Claim Comment:	As per TSB 2075721/1		

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 (**2075721**) 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.



Technical Service Bulletin

©2024 Audi of America, Inc. All rights reserved. The information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Audi of America, Inc., its affiliated companies, and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites, without the prior expressed written permission of the publisher.