



Technical Service Bulletin

93 Q4 drive system fault: power electronics control unit, electric drive P0A1B-41448 (0051), 42297 (00CE)-P18F1

93 24 94 2074703/1 July 31, 2024.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q4 e-tron, Q4 Sportback e-tron	2022 - 2024	All	Not applicable

Condition

Customer states:

Drive system fault shown in instrument cluster.

Vehicle has no power.

Workshop findings:

- The customer statement can be reproduced.

The following DTC and symptom code(s) is/are logged in *the Electric drive* -J841-, (address word 0051):

P0A1B00: Power Electronics Control Module, Electrical Drive with symptom **41448**

Or

The following DTCs and symptom code(s) is/are logged in *the Electric drive 2* -J944-, (address word 00CE):

- P18F100:** Function restriction due to deviating wheel speed with symptom.
 - 42204
 - 42330
 - 42175
- P0A1B00:** Power Electronics Control Module, Electrical Drive with symptom **42297**.
- P0C0500** Drive motor phases U-V-W Open circuit with symptom **42237**.

Technical Background 1

Software issue in electric drive control unit 2 (-JX4-, diagnostic address 00CE).

Production Solution

Optimized software implemented in electric drive control unit 2 (-JX4-, diagnostic address 00CE), software version 8352.



Technical Service Bulletin

Service

This TSB applies if one of the event memory entries specified above is logged in the relevant control unit together with the relevant symptom number.

Please perform campaign **91EV**.

Warranty

Claim Type:	If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	9370		
Damage Code:	0040		
Labor Operations:	Charge battery	2706 8950	See SRT with associated operations
	Check vehicle (bus sleep mode)	0689 0199	10 TU
Diagnostic Time:	GFF	0150 0000	Time stated on the diagnostic protocol
Claim Comment:	As per TSB 2074703/1		

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 (**2074703**) 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.

©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.