



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.



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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.

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