

Technical Service Bulletin

Topic	93 "Electrical system fault" is displayed in the instrument cluster, DTC: P18F100, P0A1B00, U140500
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Audi
Transaction No.	2068617/4
Level	EH
Status	Released for publishing
Release date	Apr 14, 2025

Diagnostic trouble codes

Diagnostic address	Diagnostic trouble code	Fault symptom	Storage state
00CE - Electric drive 2	P18F100: Function limitation due to deviating wheel speeds		Intermittent
00CE - Electric drive 2	P0A1B00: Drive Motor "A" Control Module		Intermittent
00CE - Electric drive 2	U140500: Terminal 15 implausible signal		Intermittent

New customer code

Object of complaint	Complaint type	Position
information, navigation, communication, entertainment -> malfunction display symbols -> vehicle electrical system malfunction indicator	functionality -> activates	

Vehicle data

Audi Q4 e-tron

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
F4*	2022	A		*	*	*

Chassis numbers

Manufacturer	Filler	Type	Filler	MY	Factory	From	To	Prod from	Prod to
WA1	*	FZ	*	N	*	000001	034219		

PR numbers

PR numbers
?:with 1X1

Documents

Document name
master.xml
attachment2.jpg



Connection offline

Technical Service Bulletin

Transaction No.: **2068617/4**

93 "Electrical system fault" is displayed in the instrument cluster, DTC: P18F100, P0A1B00, U140500

Release date: Apr 14, 2025

Condition

REVISION HISTORY		
Revision	Date	Purpose
4	-	Revised <i>Condition</i> (Updated symptom codes) Revised <i>Service</i> (Updated verbiage) Revised <i>Warranty</i> (Updated labor operations)
3	04/12/2023	Revised <i>Header</i> (Added VIN break)
2	01/17/2023	Revised <i>Required Parts and Tools</i> (Added wiring seal and plug)

Customer states:

The message ***"Electrical system: fault. Please contact workshop"*** intermittently appears in the instrument cluster.

Workshop findings:

One or more of the following DTCs are stored intermittently in the Electric Drive 2, J944 (address word 00CE):

- **DTC U140500 (symptom code 42117):** *Terminal 15 implausible signal.*
- **DTC P0A1B00 (symptom code 42175):** *Drive Motor A control module.*
- **DTC P18F100 (symptom code 42330):** *Function limitation due to deviating wheel speeds.*

Technical Background

Pins may have become damaged during the end-of-line check during production.

Production Solution

Assembly of wiring harnesses optimized during production from 04/01/2022.

Service

Inspect connector T10 at power electronics 2 for electric drive JX4 for spread or damaged contacts:

If you find at least one widened contact, please replace the 10-pin connector including all contacts and approx. 5cm of the wires. Repair the damaged location using wiring harness repair set **VAS 1978B** and the individual wires listed below.

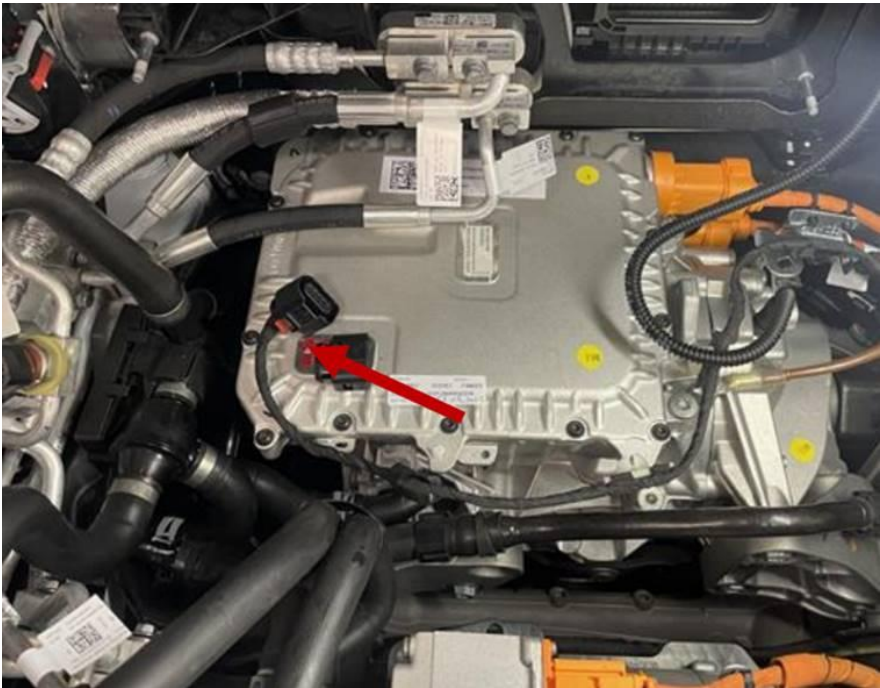


Figure 1: 10 Pin connector.

In the warranty claim, ensure part number **4H0 973 715 A** is claimed as the causal part.

When billing, please always attach photos that clearly show the complaint to DOC-IT. To ensure a reference to the vehicle, the image/video must:

- Include the VIN and date.
- Must not be edited.
- Should be in focus and taken with sufficient light. A high resolution is not necessary.

If appropriate, please mark the location of the problem so that parts analysis has a clear reference to the complaint. Please ensure that the photo documentation does not show any people and/or face, license plates, or customer data.

Warranty

Claim Type:	• If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	9709		
Damage Code:	0023		
Labor Operations:	Remove and install outer heater/fresh air blower	8532 1950	See SRT with associated operations
	Check wiring harness	9709 0199	10 TU
	Repair wire harness	9709 4156	See SRT with associated operations

	GFF	0150 0060	Time stated on the diagnostic protocol
Claim Comment:	As per TSB 2068617/4		

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.

Required Parts and Tools

Always check with your Parts Department and/or ETKA for the latest information and parts bulletins.		
Part Number	Part Description	Quantity
See ETKA	Fasteners, Bolts, Nuts, and Screws as needed per the Repair Manual	See ETKA/ELSA
4H0 973 715 A	Flat contact housing	1
000 979 025 EA	Individual wire	3
000 979 150 EA	Individual wire	1
357 972 740 E	Wiring seal, 0.35 – 0.5 mm ²	5
3C0 972 741	Wiring seal, 1.0 mm ²	1
3C0 972 841	Plug	4
000 979 940	Crimp connector	5
000 979 941	Crimp connector	1
N 105 920 02	Fabric adhesive tape	0.1

Tool Number	Tool Description
VAS 1978 B	Wire harness repair set
VAS 6160/VAS 6150	VAS tester with the current version of ODIS (Windows 10)

Additional Information

All parts and service references provided in this TSB (**2068617**) are subject to change and/or removal.

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