

Technical Service Bulletin

Topic	93 Q4 e-tron: vehicle/HV battery does not charge, drive system unavailable 00C6; DTC P1A0800, P1A0F00, P1A1600
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Audi
Transaction No.	2073560/4
Level	EH
Status	Released for publishing
Release date	Feb 5, 2025

Diagnostic trouble codes

Diagnostic address	Diagnostic trouble code	Fault symptom	Storage state
00C6 - High-voltage battery charger	P1A0F00: Charging unit 2 Fuse faulty		Intermittent
00C6 - High-voltage battery charger	P1A0F00: Charging unit 2 Fuse faulty		static
00C6 - High-voltage battery charger	P1A1600: Charging unit 3 Fuse faulty		Intermittent
00C6 - High-voltage battery charger	P1A0800: Charging unit 1 Fuse faulty		static
00C6 - High-voltage battery charger	P1A1600: Charging unit 3 Fuse faulty		static
00C6 - High-voltage battery charger	P1A0800: Charging unit 1 Fuse faulty		Intermittent

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 -> switch on electro-drive motor	functionality -> no function	
power, vehicle electrical system, data transfer -> battery management -> charging high-voltage battery	functionality -> no function	
power, vehicle electrical system, data transfer -> battery management -> charging high-voltage battery -> high-voltage battery charging at home charging station	functionality -> faulty	
power, vehicle electrical system, data transfer -> battery management -> charging high-voltage battery	functionality -> operation sequence incorrect	
power, vehicle electrical system, data transfer -> battery management -> charging high-voltage battery	functionality -> cannot be switched on/activated	

Vehicle data

Q4 e-tron

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
F4*	2024	A		*	*	*
F4*	2025	A		*	*	*

PR numbers

PR numbers
?:with KB9

Documents

Document name
master.xml

Condition

REVISION HISTORY		
Revision	Date	Purpose
4	-	Revised title (Updated DTC in title for visibility)
3	02/05/2025	Revised <i>Technical background</i> (Add additional SW information)
2	12/16/2024	Revised <i>Technical background</i> (Add description of cause) Revised <i>Service</i> (Updated service steps.) Revised <i>Condition</i> (Updated Customer concern and workshop findings)

Customer states:

- The vehicle/high-voltage battery cannot be charged via AC.
- The drive system cannot be activated.
- The vehicle cannot be unlocked with the key fob.
- The high voltage charging flap cannot be opened.
- The charging connector cannot be unplugged.

Workshop findings:

- The customer statement can be reproduced.
- The 12v battery is discharged.

In the control unit for high-voltage battery charging unit (diagnostic address 00C6), either one of the following DTC entries (intermittent/static) is stored for the **AC fuse**:

- **P1A0800**: Charging unit 1 fuse blown Symptom: 397395.
- **P1A0F00**: Charging unit 2 fuse blown Symptom: 397396.
- **P1A1600**: Charging unit 3 fuse blown Symptom: 397397.

Technical Background

Hardware issue in control unit for the high voltage battery charging unit (diagnostic address 00C6).



Only the control unit for the high voltage battery charging unit (diagnostic address 00C6) with software part number: 1EA.915.692.M and software: 2007/2207 is affected by this complaint.

Production Solution

Not applicable.

Service

1. AC fuse: Perform charge test, delete event memory entry, and reassess complaint, and if necessary replace charging unit for high-voltage battery - J1050 -.

AC fuse:

Carry out an AC charge test, delete the DTC entry/entries and reevaluate the complaint:

- If the charge test is **successful** and the DTC entry/entries can be deleted:
 - a. The measures are completed, and the vehicle can be returned to the customer.
- If the charge test is **not** successful and/or the event memory entry/entries **cannot** be deleted, then the high-voltage battery charging unit - J1050 - must be replaced as per the ELSA Workshop Manual.

Warranty

Claim Type:	• If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	9352		
Damage Code:	0040		
Labor Operations:	Replace high-voltage battery charging unit – J1050 (if necessary)	9352 5550	See SRT with associated operations
	GFF	0150 0010	See SRT with associated operations
	GFF	0150 0060	Time stated on the diagnostic protocol
	Charge Battery	2706 8950	See SRT with associated operations
Claim Comment:	As per TSB 2073560/4		

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
See ETKA	High-voltage battery charging unit – J1050 (if required)	01

Additional Information

All parts and service references provided in this TSB (**2073560**) are subject to change and/or removal.

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