



Connection offline

Technical Service Bulletin

Transaction No.: 2080102/3

93-26-02 - HV Battery Electrical System Error DTC P0AA500 (DA:008C)

Condition

Applicable vehicles						
Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To	PR Code
ID.4	2021 – 2026	All	All	All	All	OGA
ID.Buzz	2025	All	All	All	All	

Revision Table			
Instance Number	Published Date	Version Number	Reason for Update
2080102/3	4/13/26	93-26-02	Original publication.

Customer Complaint:

- An “Electrical system” warning message is displayed in the instrument cluster.

Workshop Findings:

- The customer complaint is verified.

and

- In the Battery Regulation Control Module -J840- (diagnostic address 008C) the following event entry is stored (active/static):
 - P0AA500: Hybrid/EV Battery Negative Contactor Circuit Stuck Open

Technical Background

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Production Solution

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Service

 **DANGER**

There is a risk of fatal injury due to high voltage. Electrocution by direct contact or electric arc can cause severe bodily injury or fatal injury. When working on the high-voltage system and/or high-voltage battery, the safety precautions and qualification levels given in the repair manual must be observed. Completion of High-voltage expert (HVE) training is required for working inside the high-voltage battery.

1. Check history for repeat repairs:

- Check the vehicle repair history to determine whether there has been a prior visit for the same complaint.
 - If this is the first time in for this complaint, continue with step 2.
 - If the vehicle has a prior workshop visit with this complaint, continue with step 4.

2. Delete the diagnostic trouble codes (DTCs):

 **NOTICE**

Ensure that a 12V battery charger is connected before completing this step.

- Delete all DTCs with Guided Fault Finding (GFF).
 - If the DTC P0AA500 has been successfully deleted, continue with step 3.
 - If the DTC P0AA500 cannot be deleted, continue with step 4.

3. Manually perform a 12V battery test:

Perform the 12V battery test using GFF as follows:

- In the “*Test plan*” tab, press the “*Select self-test*” button.
- Select “*Service work*”.
- Select “*Checks on 12V system*”.
- Select “*Perform 12V battery check*” and attach to test plan.
- In the “*Test plan*” tab, start the “*Perform 12V battery check*” test program with the “*Perform test*” button.
- Follow the instructions in the test program:
 - If the test result “*12V battery is OK*” is returned, no further action is required.
 - If the test result “*12V battery is faulty – replace!*” is returned, replace the 12V battery according to the repair manual. No further action is required.

4. Replace the “Battery Regulation Control Module Repair Kit” (-J840- / -SX7- / -SX8-):

NOTICE

Step 4 may only be completed if the vehicle has previously been in the workshop with this complaint, or if DTC P0AA500 cannot be deleted.

- Replace the “Battery Regulation Control Module Repair Kit” (-J840- / -SX7- / -SX8-) in accordance with the Repair Manual and Parts Catalogue.

Warranty

To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual ¹⁾					
Model(s)	Year(s)	Eng. Code(s)	Trans. Code (s)	VIN Range From	VIN Range To
ID.4	2021 – 2026	All	All	All	All
ID.Buzz	2025	All	All	All	All
SAGA Coding					
Claim Type:	Use applicable Claim Type ¹⁾				
Service Number:	Damage Code	HST		Damage Location (Depends on Service No.)	
2706 (only if replacing 12V battery)	0040	--		--	
9327 (all other cases)	0040	--		--	
Parts Manufacturer	MY21-24 ID.4, All ID.Buzz		WWO ²⁾		
	MY25+ ID.4		VOA ²⁾		
Labor Operation ³⁾ : GFF/Guided functions (including Battery charge)			01 50 00 10 = See Elsa for latest time units		
<i>If step 3 is necessary:</i>					
Labor Operation ³⁾ : Repair-based set-up times			06 92 00 50 = See Elsa for latest time units		
Labor Operation ³⁾ : Battery remove+reinstall (only if replacement is necessary)			27 06 19 xx = See Elsa for latest time units		

If step 4 is necessary:

Labor Operation ³⁾ : 2 Switch box high-voltage battery replace (includes battery regulation control module)	93 27 56 xx = See Elsa for latest time units
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NOTE: Due to model diversity, not all required operations are accounted for in this bulletin – also use any previous and subsequent repair operations as needed separately.

Causal Part (if no replacement is necessary):	01500060
Causal Part (if 12V battery was replaced):	Use the part number of the replaced part (varies due to model diversity)
Causal Part (if Battery regulation control module repair kit was replaced):	Use the part number of the replaced part (varies due to model diversity)

Diagnostic Time ⁴⁾

GFF Time expenditure	01500060 = Actual GFF print out (50 TU max)	YES
Road Test	01210002 = see Elsa for latest time units 01210004 = see Elsa for latest time units	NO
Technical Diagnosis	01320000 = 00 TU max.	NO

Claim Comment: Input “As per Technical Bulletin 2080102” in comment section of Warranty Claim.

- 1) Vehicle may be outside any Warranty in which case this Technical Bulletin is informational only.
- 2) Code per warranty vendor code policy.
- 3) Labor Time Units (TUs) are subject to change with ELSA updates.
- 4) Documentation required per Warranty Policies and Procedures Manual.

Required Parts and Tools

Tool Description	Tool No:
12V Battery Charger / Maintainer	VAS 5908
VAS Diagnostic Tool	VAS 6150/X & VAS 6160/X with ODIS Service with current online updates

Additional Information

All part and service references provided in this Technical Bulletin are subject to change and/or removal. Always check with your Parts Dept. and Repair Manuals for the latest information.

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