

E3.II DME POD8500 Overvoltage During Catalytic Heating

Vehicles Affected

Model	Model Year	Model Type	Vehicle-Specific Equipment
Cayenne	2024-2025	9YABJ1 9YBBJ1 9YBCP1	N/A

Revision History

Revision	Release Dated	Changes
0	March 25, 2026	First Publication

Condition

The customer complains of a check engine light in the instrument cluster. The workshop finds fault POD8500 stored in the DME.

Technical Background

In some instances, the DME may misdiagnose an overvoltage event in the 12V battery during the catalytic heating phase (cold start).

Service Information

A software solution is currently available for all affected vehicles except MY24 Cayenne S (9Y*BJ1). An additional software solution will be available for MY24 Cayenne S (9Y*BJ1) by the end of the 2026 calendar year. Please follow the instructions below accordingly.

MY25 Cayenne S: Please perform automatic performing of the DME with PIWIS tester version 43.600.090 or newer.

The target software versions are listed in the table below.

MY24-25 Cayenne Turbo GT: Please perform automatic programming of the DME as instructed in SY42/25.

	Model Year	Porsche Part Number	SW Version
Cayenne Turbo GT	24	9Y0.906.070.J	0001
	25	9Y0.906.070.J	0001
	26	9Y0.906.070.J	0001
Cayenne S	25	9Y0.906.062.K	0002

MY24 Cayenne S: Please perform the following.

1. Verify that the 12V battery is properly coded in the Gateway control unit.
2. Check the 12V battery State of Charge via the PIWIS Tester. Charge the 12V battery if necessary.
3. Replace the alternator.
4. If the fault persists, replace the Gateway control unit.

If none of the above steps remedy the fault code, the fault is likely set as a result of software influence.

Warranty

The labor operations below, as well as any additional required labor operations, may be used **only as needed**:

APOS	Labor operation
27062550	Vehicle electrical system battery program
27068953	Vehicle electrical system battery load
24702549	DME control unit program
27221940	Generator remove and reinstall
90355500	Gateway control unit replace

PCSS encryption:

Location (FES5)	24700	DME control unit
Damage type (SA4)	1134	Programming error

Search Items

Cayenne, DME, Gateway, POD8500, overvoltage, check engine light, CEL, MIL, 12V battery, E3

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