
E3.I PHEV – Exhaust Flap Signal not Recognized

Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
Cayenne	2021 - 2023	9YAAE1 9YBAE1	N/A	No Sports Exhaust

Revision History

Revision	Release Date	Changes
0	May 12, 2025	Original document

Condition

Customer complains of a check engine light. Dealer finds fault P049F00 'Exhaust Pressure Control Valve "B"' stored in the DME.

Technical Background

This fault is due to an incorrect recognition of the exhaust flap actuator's signal to the DME.

Service Information

A software countermeasure is available to remedy this topic. Please reprogram the DME using 'Automatic programming' with PIWIS Tester version **42.950.011** or newer. The target software version for the DME is version **0007** or newer.

If the fault persists after performing the software update, please continue with other means of diagnosis.

Warranty

For documentation and warranty invoicing, enter the working position and PCSS encryption specified below in the warranty claim.

APOS	Labor operation	I No.
03350050	On board diagnostic	
03350053	On board diagnostic – Create VAL	
24702500	DME control unit program	

PCSS encryption:

Location (FES5)	26510	Actuator for exhaust flap
Damage type (SA4)	1613	No function occasionally

Search Items

Cayenne, E3.I, PHEV, Cayenne PHEV, Exhaust Flap, Exhaust Flap Actuator, E3

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