

E3.II Cayenne PHEV: DME P242100 - Fuel Tank Isolation Valve for Tank Ventilation System - Stuck Open

Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
Cayenne	As of 2024	9YAAV1 9YABN1 9YACT1 9YBAV1 9YBBN1 9YBCT1	N/A	N/A

Revision History

Revision	Release Date	Changes
0	January 21, 2025	Original document

Condition

Customer complains of the check engine light on. Workshop scanned vehicle and found DME fault P242100 - Fuel Tank, Isolation valve for tank ventilation system stuck open.

NOTE: This document is separate from ATI Group 2 2412 for E3.I (MY19-23) Cayenne PHEV.

Technical Background

A weak DMTL pump in combination with an insufficiently sealed Fuel Tank Isolation Valve (FTIV/fuel tank pressure regulator) may cause the aforementioned fault code.

Service Information

Please replace **both** the DMTL and the FTIV (pressure regulator) with the newest available parts.

Warranty

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

APOS	Labor operation	I No.
20261900	Fuel tank pressure regulator remove and reinstall	

PCSS encryption:

Location (FES5)	20260	Fuel tank pressure regulator
Damage type (SA4)	5000	Leaks

Search Items

Cayenne, Fuel Tank, Ventilation, Isolation Valve, 9YA, Low Pressure, Pressure too Low, Not Airtight, Pressure regulator

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