

Advanced Technical Information

Bulletin #: 2501

Part ID: 2026

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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.

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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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