

Malfunction Indicator Light Active/Fault Memory Entry regarding Tank Shut-Off Valve Tank Ventilation System "P242100" or "P242200" in DME Control Unit (10/25)

Change overview

Release	Date	Change
0	03/27/2025	First publication
1	01/16/2026	- Order types added - Title updated - Information added in the "Action" section

Model Line: **Panamera (971)**
Panamera (YAA)
Cayenne (9YA/9YB)

Model Year: **As of 2017 up to 2025**

Equipment: **Hybrid drive system PHEV (M-No. 0K3)**

Concerns: **Fuel tank pressure regulator**

Cause: **The customer complains about an active malfunction indicator light.**

One of the following two fault memory entries is stored in the DME control unit fault memory:

- **P242100** - Fuel tank isolation valve for fuel tank ventilation system jammed open
- **P242200** - Fuel tank isolation valve for fuel tank ventilation system jammed closed

The pressure regulator and various other components of the tank vent are then replaced.

Action: In the event of a customer complaint and if the above-mentioned fault memory entries are entered in the DME control units, always process the fault memory using the guided troubleshooting (GFS).

Please note that the cause of activating the warning message on the instrument cluster does not necessarily have to be triggered by the fault memory entries mentioned. In the event of a fault memory entry, always check the time the fault was set and compare it to the entry on the instrument cluster control unit (time of activation of the warning message).

**Information**

With the publication of this technical information, the guided troubleshooting was adjusted with regard to the specified fault memory entries in order to prevent fault / repeat repairs.

This contains the following steps:

- First review all other entered, relevant fault memory entries
- The Fuel Tank Isolation Valve (FTIV) is then checked (NEW) step-by-step for functioning , together with the tank pressure sensor
- If this is OK, the next step is the tank vent valve (TEV) test including check valves. This has not been a scope of these fault codes
- For vehicles with Diagnostic Module Tank Leakage (DMTL), reference is made to this as the last point

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