

Reduced Engine Power/Fault Memory Entry "P048E00" in the DME Control Unit: Check Electric Wire Harness for Exhaust Flap (Bank 1) Actuator (19/25)

Model Line: **Cayenne (9YA/9YB)**

Model Year: **As of 2019 up to 2024**

Concerns: **Exhaust flap actuator (Bank 1)**

Cause: **The customer complains about a faulty working of the exhaust flap (bank 1), in combination with reduced engine performance of the internal combustion engine. Depending on the market, the malfunction indicator light may also be active.**

The following fault memory entry is stored in the fault memory of the DME control unit:

- **P048E00** - Exhaust pressure valve, short circuit to positive

Action: If there is a customer complaint, check the electrical wire harness of the exhaust valve actuator bank 1 (at right in direction of travel) and repair if necessary.

Required tools

- Tools:
- **P90999 - PIWIS Tester 4**
 - Battery charger with a current rating of **at least 90 A** and a **current and voltage-controlled charge map** for lithium starter batteries, e.g. **VAS 5908 - battery charger 90 A**. For further information about the battery chargers to be used, see the corresponding Workshop Manual. ⇒ *Workshop Manual '270689 Charge battery and vehicle electrical system'*
 - Torque wrench, 2-10 Nm (1.5-7.5 ftlb.), e.g. **V.A.G 1783 - torque wrench, 2-10 Nm (1.5-7.5 ftlb.)**
 - Torque wrench, 40-200 Nm (30-148 ftlb.), e.g., **V.A.G 1332A - torque wrench, 40-200 Nm (30-148 ftlb.)**

Additional required tools for vehicles with central locking.

- **9794 - 9794 - Assembly aid**
- **9796 - 9796 - Socket wrench**
- Torque wrench, 150-800 Nm (111-592 ftlb.), e.g. **V.A.G 1601 - Torque wrench, 150-800 Nm (111-592 ftlb.)**

Check electric wire harness for exhaust flap (bank 1) actuator

- Work Procedure: 1 Raise the vehicle.
⇒ *Workshop Manual '4X00INE2 Raise the vehicle'*

- 2 Check electric wire harness for exhaust flap bank 1 (at right in direction of travel) for damage in the area of the electric plug connection. ⇒ *Electric wiring harness for exhaust flap actuator*



Electric wiring harness for exhaust flap actuator

Assessment		Action
(✓)	Electric wire harness for exhaust flap actuator is not damaged .	Continue troubleshooting further. End of action.
(✗)	Electric wire harness for exhaust flap actuator is damaged .	Repair electric wire harness for exhaust flap actuator. Then continue with Step ⇒ 3.

- 3 Lower the vehicle.
- 4 **Only if the electric wire harness for the exhaust flap actuator has been repaired:**
Read out and delete all control unit fault memories.

Labor position and PCSS encryption -

Labor position:

APOS	Labor operation	I No.
26514100	Check and repair wire harness for exhaust flap actuator	

PCSS encryption:

Location (FES5)	26510	Exhaust flap actuator
Damage type (SA4)	4011	loose contact, contact fault

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