

**Malfunction Indicator Light, Fault on Exhaust Flap Adjuster "P04A000 / P047600" in DME Control Unit (SY 13/26)**

Vehicle Type: **Panamera (YAA/YAB)**  
**Panamera 4 (YAA/YAB)**  
**Panamera 4 E-Hybrid (YAA/YAB)**  
**Panamera 4S E-Hybrid (YAA/YAB)**

Model Year: **As of 2024 up to 2026**

Emissions  
 Concept: **ULEV**

Concerns: **Exhaust flap actuator**

Situation: **The customer complains about the malfunction indicator light (MIL) lighting up on the instrument cluster. When the fault occurred, the outside temperature was below the freezing point.**

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

- **P04A000** – Exhaust flap sensor, bank 2 – electrical fault
- **P047600** – 'Exhaust flap, bank 1 – signal implausible

Cause: In rare cases, the exhaust flap may freeze when open or closed.



**Information**

Replacement of the exhaust flaps will not work in the case of this fault pattern.

Action: In the event of a customer complaint, re-program the DME control unit using the Porsche Tester.



**Information**

The minimum programming requirement is the Porsche Tester software release: **43.900.005** (or higher).

**Required tools**

- Tools:
- **P90999 - Porsche 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'*

**Programming DME control unit**

Work Procedure: 1 Re-program DME control unit.

The basic work procedure for control unit programming is described in the Workshop Manual.

⇒ Workshop Manual '9X00IN Basic instructions and procedure for control unit programming using the PIWIS Tester'

**Specific information on control unit programming during this action:**

|                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Required Porsche Tester software release:                                | <b>43.900.005</b> (or higher)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Type of control unit programming:                                        | Control unit programming using the <b>'Automatic programming'</b> function for the DME control unit:<br><b>'DME'</b> control unit – <b>'Coding/programming'</b> menu – <b>'Automatic programming'</b> function.                                                                                                                                                                                                                                                                                                               |
| Programming sequence:                                                    | Read and follow the <b>information and instructions on the Porsche Tester</b> during the guided programming sequence.<br><br>During the programming sequence, the <b>DME control unit</b> is re-programmed first, and then the <b>transmission control unit</b> is <b>re-programmed</b> . Thereafter, both control units are <b>automatically re-coded</b> .<br><br><b>Do not interrupt the programming and coding process.</b><br><br>Backup documentation for the re-programmed software releases starts after programming. |
| Programming duration:                                                    | Programming takes up to <b>12 minutes</b> , depending on equipment.                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Software programmed during this action:                                  | See section: ⇒ <i>Technical Information '9X00IN Overview of programmed DME data records'</i><br><br>Following control unit programming, the software release can be read out from the respective control unit using the Porsche Tester in the menu ⇒ 'Extended identifications'.                                                                                                                                                                                                                                              |
| Procedure if error messages appear during the programming sequence:      | ⇒ Workshop Manual '9X00IN Basic instructions and procedure for control unit programming using the PIWIS Tester'                                                                                                                                                                                                                                                                                                                                                                                                               |
| Procedure in the event of a termination in the control unit programming: | Repeat control unit programming by restarting programming.                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

- 2 Read out and delete all control unit fault memories.
- 3 Press **F3** to start the integration test in the control unit selection.  
If there is an integration deviation for individual control units, these must be programmed before vehicle handover to the customer.

**Information**

If, despite the programming performed, a deviation is still displayed during the integration test, the test must be carried out again.

There must be no breaches of integration!

Control units with optional software – with the exception of the DME control unit and the transmission control unit – can be ignored.

- 4 Exit the diagnostic application, switch off the ignition and disconnect **P90999 - Porsche Tester 4** from the vehicle.
- 5 Switch off and disconnect the battery charger.  
⇒ *Workshop Manual '270689 Charging the vehicle electrical system battery'*

**Overview of programmed DME data records****Information**

The software part number and software release of the programmed data record are based on the specified Porsche Tester software release. Please note that this may be different in a higher version.

Overview:

**Panamera (YAA/YAB) / Panamera 4 (YAA/YAB)**

| Exhaust emission standard | Model year  | Porsche part number (software) | Software release |
|---------------------------|-------------|--------------------------------|------------------|
| ULEV                      | 2024 - 2026 | 976907551AB                    | 0002 (or higher) |

**Panamera 4 E-Hybrid (YAA/YAB)**

| Exhaust emission standard | Model year  | Porsche part number (software) | Software release |
|---------------------------|-------------|--------------------------------|------------------|
| ULEV                      | 2025 - 2026 | 976907552BC                    | 0003 (or higher) |

**Panamera 4S E-Hybrid (YAA/YAB)**

| Exhaust emission standard | Model year  | Porsche part number (software) | Software release |
|---------------------------|-------------|--------------------------------|------------------|
| ULEV                      | 2025 - 2026 | 976907552BG                    | 0003 (or higher) |

**Labor position and PCSS encryption**

Labor position:

| APOS     | Labor operation          | I No. |
|----------|--------------------------|-------|
| 24702542 | Program DME control unit |       |

PCSS encryption:

| Location (FES5)   | 26510 | Exhaust flap actuator               |
|-------------------|-------|-------------------------------------|
| Damage type (SA4) | 1613  | does not function from time to time |

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