

Symptom - Body Exterior - Interior Surveillance Deactivated/SAFE Lock System Does Not Function: Re-programming Rear-end Electronics Control Unit (SY 129/19)

Model Line: **Panamera (971)**

Model Year: **As of 2017 up to 2020**

Subject: **Control unit for rear-end electronics**

Symptom: Interior surveillance is deactivated and SAFE lock system does not function. The hazard warning lights give one long flash when locking and the Save LED in the door lights up for approx. 30 seconds.

Cause: Due to a software error, the fault memory entries "B133029 - Interior surveillance sensors – signal implausible" and "B131D29 - Alarm siren – signal implausible" can be stored at times. As a result, the described symptoms occur.

Remedial Action: In the event of a customer complaint and if the software version is "**0367**" or "**0387**", the rear-end electronics control unit must be re-programmed and coded.



Information

The total time required for control unit programming is **approx. 8 minutes**.

Date of Introduction: New software version "0424" used from:

Date	19.06.2019
VIN	WPOZZZ97ZLL192003

Required tools

- Tools:
- **9900 - PIWIS Tester 3** with installed PIWIS Tester software **version 38.800.010** (or higher)
 - **Battery charger** with a current rating of **at least 90 A**, e.g. **VAS 5908 - Battery charger 90A**.

Preparatory work

NOTICE

Fault entry in the fault memory and control unit programming aborted due to low-voltage.

- **Increased current draw during diagnosis or control unit programming can cause a drop in voltage, which can result in one or more fault entries and the abnormal termination of the programming process.**

⇒ **Before getting started, connect a suitable battery charger with a current rating of at least 90 A to the jump-start terminals.**

NOTICE

Control unit coding will be aborted if the WiFi connection is unstable.

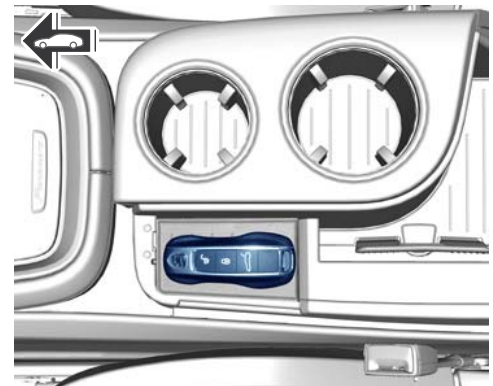
- An unstable WiFi connection can interrupt communication between the PIWIS Tester and the vehicle communication module (VCI). As a result, coding may be aborted.
- ⇒ During control unit coding, always connect the PIWIS Tester to the vehicle communication module (VCI) via the USB cable.

NOTICE

Control unit coding will be aborted if the driver's key is not recognized

- If the driver's key is not recognized in the vehicle, coding cannot be started or will be interrupted.
- ⇒ Place the driver's key with the back facing down into the front left storage compartment in the center console to guarantee a continuous radio link between the vehicle and the driver's key.

- Work Procedure: 1 Place the driver's key with the back facing down into the front left storage compartment in the centre console (emergency start tray) to guarantee a continuous radio link between the vehicle and the driver's key ⇒ *Emergency start tray*.
- 2 Carry out general preliminary work for control unit programming as described in ⇒ *Workshop Manual '9X00IN Basic instructions and procedure for control unit programming using the PIWIS Tester - section on "Preliminary work"*.



Emergency start tray

Re-programming rear-end electronics control unit

- Work Procedure: 1 The basic procedure for programming a control unit is described in the Workshop Manual ⇒ *Workshop Manual '9X00IN Basic instructions and procedure for control unit programming using the PIWIS Tester - section on "Programming"*.

Specific information on control unit programming in the context of this Technical Information:

Required PIWIS Tester software version:	38.800.010 (or higher)
Type of control unit programming:	Control unit programming using the "Campaign" function in the Additional menu on the PIWIS Tester by entering a programming code.

Programming code:	F6S1D
Programming sequence:	Read and follow the information and instructions on the PIWIS Tester during the guided programming sequence. During the programming sequence, the rear-end electronics control unit is re-programmed and then re-coded automatically. Do not interrupt programming.
Programming time (approx):	8 minutes
Software version programmed during this campaign:	0424 Following control unit programming, the software version can be read out of the front-end electronics control unit in the ⇒ 'Extended identification' menu using the PIWIS Tester.
Procedure in the event of error messages appearing during the programming sequence:	⇒ <i>Workshop Manual '9X00IN Basic instructions and procedure for control unit programming using the PIWIS Tester - section on "Fault finding"</i> .
Procedure in the event of abnormal termination of control unit programming:	Repeat control unit programming by restarting programming.

Concluding work

Work Procedure: 1 Carry out general subsequent work for control unit programming as described in ⇒ *Workshop Manual '9X00IN Basic instructions and procedure for control unit programming using the PIWIS Tester - section on "Subsequent work"*.

Invoicing

Invoicing: For documentation and warranty invoicing, enter the labor operation and PQIS coding specified below in the warranty claim:

APOS	Labor operation	I No.
57892500	Programming control unit for rear-end electronics	

PQIS coding:

Location (FES5)	57890	Control unit for rear-end electronics
Damage type (SA4)	1614	Function not as specified

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

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