

WNK9 - Re-Programming Selector Lever Control Unit (Workshop Campaign)

Important: **CRITICAL WARNING** -This campaign includes steps where control unit(s) in the vehicle will be programmed with the PIWIS Tester. The vehicle voltage must be maintained between 13.5 volts and 14.5 volts during this programming. Failure to maintain this voltage could result in damaged control unit(s). Damage caused by inadequate voltage during programming is not a warrantable defect. The technician must verify the actual vehicle voltage in the PIWIS Tester before starting the campaign and also document the actual voltage on the repair order.

Model Year: **As of 2020 up to 2022**

Model Line: **911 (992)**

Equipment 8-speed Porsche Doppelkupplung (PDK) **(M No. G1F / G1G)**

Concerns: **Selector lever control unit**

Information: **Due to a software error, it is possible that the illumination of the selector support buttons "M" and "P" may not activate intermittently when actuated on the affected vehicles.**
 If this happens, the illumination of these **selector support buttons** will remain switched off within one driving cycle. The function of the buttons and the transmission position indicator in the instrument cluster remain functional and are unaffected.

Action required: Re-program selector lever control unit using an updated data record.



Information

Please note that the following unauthorized fault memory entries will also be corrected with the new software version 0250:

- P18CA00 "Parking lock button – electrical fault" in selector support
- P18CB00 "Parking lock button – implausible signal" in the transmission control unit

Affected Vehicles: Only vehicles assigned to the campaign (see also PCSS Vehicle Information).

Required tools

- Tool:**
- **9900 - PIWIS Tester 3** with PIWIS Tester software version **41.200.040** (or higher) installed
 - Battery charger with a current rating of **at least 90 A**, e.g. **VAS 5908 battery charger 90A**

Re-program selector lever control unit



Information

The procedure described here is based on the PIWIS Tester 3 software version **41.200.040**.

The PIWIS Tester instructions take precedence and in the event of a discrepancy, these are the instructions that must be followed.

Deviations may occur with later software versions, for example.

Work Procedure: 1 Re-programming selector lever control unit.

The basic 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'*.

For specific information on control unit programming during this campaign, see table below.

Required PIWIS Tester software version:	41.200.040 (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:	W6C4C
Programming sequence:	Read and follow the information and instructions on the PIWIS Tester during the guided programming sequence. Do not interrupt programming. A backup documentation process for the re-programmed software versions takes place as soon as programming is complete.
The programming sequence takes (approx.):	3 minutes
Software version programmed during this campaign:	0250 Following control unit programming, the software version can be selected from the relevant control unit in the 'Extended identifications' menu using the PIWIS Tester.

<p>Procedure in the event of abnormal termination of control unit programming:</p>	<ul style="list-style-type: none"> • Switch ignition off and then on again. • Select and erase the fault memory ⇒ <i>Workshop Manual '9X00IN Basic instructions and procedure for control unit programming using the PIWIS Tester - "Rework" section'</i>. • Repeat control unit programming by entering the programming code again.
<p>Procedure in the event of other error messages appearing during the programming sequence:</p>	<p>⇒ <i>Workshop Manual '9X00IN Basic instructions and procedure for control unit programming using the PIWIS Tester - section on "Troubleshooting"'</i>.</p>

 **WARNING**

Electrically moved rear spoiler

- **Danger of limbs being crushed or severed**
- **Risk of damage to components**
- ⇒ **Do not reach into the danger area.**
- ⇒ **Keep third parties away from the danger area.**
- ⇒ **Do not move components or tools into the danger area.**

- 2 Manually retract the rear spoiler, which extended automatically during programming. To do this, select the menu **'CAR' – 'DRIVE'** in the PCM and then select the **'Spoiler'** function and **press and hold** the spoiler button until the rear spoiler is **fully retracted**.
- 3 Read **error memory**. Process existing faults and delete fault memory entries if necessary.
- 4 Exit the diagnostic application. Switch off ignition. Disconnect the Tester from the vehicle.
- 5 Switch off and disconnect the battery charger.



Information

Connect the PIWIS Tester to a network as soon as possible and log into the PPN in order to transfer the backup documentation created during this campaign to the PAG systems.

- 6 Enter the campaign in the Warranty and Maintenance booklet.

Warranty processing

Scope 1: **Re-program selector lever control unit**

Labor time:

Re-program selector lever control unit

Labor time: **41 TU**

Includes: Connecting and disconnecting battery charger
Connecting and disconnecting PIWIS Tester
Selecting and erasing fault memories

⇒ **Damage code WNK9 066 000 1**

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