

Transmission Warning Message “P Not Available”, Fault Memory Entries for Parking Lock Buttons in the Shift Console and Transmission Electronics (PDK) Control Units (28/26)

Model Line: **911 (992)**

Model Year: **As of 2020 up to 2024**

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

Concerns: **Shift console control unit**

Information: **The customer is complaining that the yellow transmission warning message “P not available – park only on a level surface. Visit workshop” is displayed on the instrument cluster.**

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

- **P18CA00** – Parking lock button, electrical fault (006F21)

and/or

The following fault memory entry is stored in the fault memory of the transmission electronics (PDK) control unit:

- **P18CB00** – Parking lock button, implausible signal (00C471)

The **parking function is not restricted**, and the transmission warning message is no longer active after a ignition change.



Information

Replacing the shift console will not work in the case of this fault pattern.

Action Required: Whenever there is a customer complaint and depending on the model year of the affected vehicle, re-program the selector saddle control unit with the Porsche Tester.

Model year 2020 - 2021 vehicles: Programming via “Programming code”.

⇒ *Technical Information 'Re-program shift console control unit (model year 2020 - 2021)'*

Model year 2022 vehicles and later: Programming via “Automatic programming”.

⇒ *Technical Information 'Re-program shift console control unit (from model year 2022)'*



Information

The minimum programming requirement is the Porsche Tester software release:**44.000.000** (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'*

Re-program shift console control unit (model year 2020 - 2021)

Work Procedure: 1 Re-program the shift console 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:	44.000.000 (or higher)
Type of control unit programming:	Control unit programming using the ' Campaign ' function in the Additional menu on the Porsche Tester by entering a programming code.
Programming code:	W6C4C
Programming sequence:	Read and follow the information and instructions on the Porsche Tester during the guided programming sequence. The control unit is re- programmed during the programming sequence. Do not interrupt programming. Backup documentation for the re-programmed software releases starts after programming.
Programming duration:	Programming takes up to 3 minutes , depending on equipment.
Software programmed during this campaign:	▪ Shift console control unit Software release: 0255 (or higher) 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 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'</i>
Procedure in the event of a termination in the control unit programming:	Repeat control unit programming by re-entering the programming code.



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 out and delete all control unit fault memories.
- 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 vehicle electrical system battery'*

End of action.

Re-program shift console control unit (from model year 2022)

Work Procedure: 1 Re-program the shift console 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:	43.900.040 (or higher)
Type of control unit programming:	Control unit programming using the ' Automatic programming ' function of the control unit: 'Shift console' control unit – ' Coding / programming ' menu – ' Automatic programming ' function.
Programming sequence:	Read and follow the information and instructions on the Porsche Tester during the guided programming sequence. The control unit is re- programmed during the programming sequence. Do not interrupt programming. Backup documentation for the re-programmed software releases starts after programming.
Programming duration:	Programming takes up to 3 minutes , depending on equipment.
Software programmed during this action:	▪ Shift console control unit Software release: 0255 (or higher) 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:	⇒ <i>Workshop Manual '9X00IN Basic instructions and procedure for control unit programming using the PIWIS Tester'</i>
Procedure in the event of a termination in the control unit programming:	Repeat control unit programming by restarting programming.

 **WARNING**
Electrically moved rear spoiler

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- **Risk of damage to components**
- ⇒ **Do not reach into the danger area.**
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- ⇒ **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 out and delete all control unit fault memories.
 - 4 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 can be ignored – with the exception of the shift console control unit.
- 5 Exit the diagnostic application, switch off the ignition and disconnect **P90999 - Porsche Tester 4** from the vehicle.
 - 6 Switch off and disconnect the battery charger.
⇒ *Workshop Manual '270689 Charging vehicle electrical system battery'*

Labor position and PCSS encryption

Labor position:

APOS	Labor operation	I No.
37082549	Re-programming shift console control unit	

PCSS encryption:

Location (FES5)	37080	Shift console
Damage type (SA4)	1611	without function

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