

**After PDK has been Calibrated, Fault Memory Entry “P081000” in the Transmission Electronics Control Unit: Programming Transmission Electronics Control Unit (08/23)**

Vehicle Type: **911 GT3 (992) / 911 GT3 Touring Package (992)**

Model Year: **As of 2021 up to 2023**

Concerns: **7–speed Porsche Double-Clutch transmission PDK (M No. G1C)**

Reason: After calibrating the 7–speed Porsche Double-Clutch transmission PDK, the following entry is stored in the transmission electronics (PDKII) control unit fault memory:

- P081000 – Clutch activation malfunction

Action: If a fault is present, re-program the transmission electronics (PDKII) control unit using the PIWIS Tester with software version **41.500.022** (or higher) installed.

**Required tools**

- Tool:
- Battery charger with a current rating of **at least 90 A**, e.g. **VAS 5908 battery charger 90A**. For further information about the battery chargers to be used, see the corresponding Workshop Manual. ⇒ *Workshop Manual '270689 Charging vehicle electrical system and battery'*
  - **9900 - PIWIS Tester 3/4** with PIWIS Tester software version **41.500.022** (or higher) installed

**Re-programming transmission electronics control unit (PDKII)**

Work Procedure: 1 The basic work 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**



**Information**

The following information relates to the PIWIS Tester software version **41.500.022**.

With higher software versions, deviations can occur, particularly in the information on the Porsche part number and software version of the programmed transmission electronics (PDK II) data set.

Required PIWIS Tester software version:	<b>41.500.022</b> (or higher)
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Type of control unit programming:	Control unit programming using ' <b>Automatic programming</b> ' in the transmission electronics (PDKII) control unit.  ' <b>Transmission electronics (PDKII)</b> ' control unit – ' <b>Coding/programming</b> ' menu – ' <b>Automatic programming</b> '.	
Programming sequence:	Read and follow the <b>information and instructions on the PIWIS Tester</b> during the guided programming sequence. During programming, the <b>transmission electronics (PDKII) control unit is re-programmed</b> and then <b>automatically re-coded</b> .  <b>Do not interrupt programming and coding.</b>  Once the control units have been programmed and coded, you will be prompted to switch the ignition off and then back on again after a certain waiting time.  Backup documentation of the new software versions is then performed.	
Programming time (approx.):	<b>12 minutes</b>	
Transmission electronics (PDKII) data set programmed:	<b>=Porsche part number (software)</b>	<b>Software version</b>
	9GT927153G	0298
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 "Troubleshooting"</i> .	
Procedure in the event of a termination in the control unit programming:	Repeat control unit programming by restarting programming.	

- 2 Carry out general reworking for control unit programming as described in ⇒ *Workshop Manual '9X00iN Basic instructions and work procedure for control unit programming using the PIWIS Tester - "Reworking" section*'.

## Invoicing

For documentation and warranty invoicing, enter the working position and PCSS encryption specified below in the warranty claim:

APOS	Labor operation	I No.
37302551	Programming transmission electronics control unit	

PCSS encryption:

<b>Location (FES5)</b>	37300	Transmission electronics control unit
<b>Damage type (SA4)</b>	1134	programming error

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

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