

Vehicle does not Reach the Specified Top Speed: Re-Program DME Control Unit (SY 193/24)

Vehicle Type: **718 GT4 RS (982)**

Model Year: **As of 2022 up to 2023**

Concerns: **DME control unit**

Symptom: **Customers complain that the vehicle does not reach the specified top speed.**

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



Information

The minimum requirement for programming is the PIWIS Tester software release **43.000.000** (or higher)

Required tools

- Tools:
- **P90999 - PIWIS Tester 4**
 - Battery charger with a current rating of **at least 90 A**, e.g. **VAS 5908 - 90-A battery charger**. 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 DME control unit

Work Procedure: 1 The basic 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 as part of this Technical Information:

Required PIWIS Tester software release:	43.000.000 (or higher)
Type of control unit programming:	Control unit programming using the "Automatic programming" function of the DME control unit. "Motor electronics (DME)" control unit – "Coding/programming" menu – "Automatic programming" function.

Programming sequence:	<p>Read and follow the information and instructions on the PIWIS Tester during the guided programming sequence.</p> <p>During the programming sequence, first the DME control unit and then the PDK control unit or transmission control unit are re-programmed.</p> <p>Both control units are then automatically re-coded.</p> <p>Do not interrupt the programming and coding process.</p> <p>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.</p> <p>Backup documentation of the new software releases is then performed.</p>
Programming time (approx.):	Programming takes up to 15 minutes , depending on equipment.
Data set for the motor electronics (DME) programmed as part of this programming:	See section. ⇒ <i>Technical Information '9X00IN Overview of programmed DME data records'</i>
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 restarting programming.

- 2 Read out and delete all control unit fault memories.
- 3 Exit the diagnostic application, switch off the ignition and disconnect **P90999 - PIWIS Tester 4** from the vehicle.
- 4 Switch off and disconnect the battery charger.
⇒ *Workshop Manual '270689 Charging battery / vehicle electrical system'*

Overview of programmed DME data records

Overview:

Exhaust emission standard	Model year		Porsche part number (software)	Software version
	2022 (N)	2023 (P)		
USA LEVIII	–	X	9GT906033AR	0001 (or higher)

Labor position and PCSS encryption

Labor position:

APOS	Labor operation	I No.
24702590	Programming DME control unit	

PCSS encryption:

Location (FES5)	10010	Engine
Damage type (SA4)	1118	Lack of power

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