

WPC3 - Re-Programming Rear Spoiler 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: 2023

Vehicle Type: 911 GT3 RS (992)

Concerns: Control unit for rear spoiler

Cause: Due to a software error in the rear spoiler control unit on affected vehicles, the erroneous warning message "Aerodynamics disrupted" is displayed intermittently in the instrument cluster when the engine is started.

In this case, the warning message will disappear automatically after a short time and a fault memory entry will be written. "Active aerodynamics" is always available in all driving modes despite the warning message.

Action: Re-program the rear spoiler control unit using the **most current** PIWIS Tester software version. Minimum requirement: Version **41.800.022**

Integration Test: Due to the customer service integration test, the control units must always be programmed automatically using the relevant control unit **as of model year 22 (N)**. The procedure is described in the table for carrying out the "Type of control unit programming" procedure.

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

Required tools

- Tool:**
- 9900 - PIWIS Tester 3/4
 - Battery charger with a current rating of at least 90 A, e.g. VAS 5908 90 A battery charger

Re-programming rear spoiler control unit



Information

Please note that, **for some affected vehicles, the target software 0080 has already been programmed** and the **integration test displays green**. In this case, the **rear spoiler control unit** will only need to be re-coded via **Automatic coding**.

- 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 the table below:

Required PIWIS Tester software version:	41.800.022 (or higher)
Type of control unit programming / coding:	Control unit programming using ' Automatic programming ' in the rear spoiler control unit.
Programming sequence:	Read and follow the information and instructions on the PIWIS Tester during the guided programming sequence. Do not interrupt programming and coding. A backup documentation process for the re-programmed software versions starts as soon as programming and coding is complete.
Programming time (approx.):	3 minutes
Software version programmed during this campaign:	<ul style="list-style-type: none"> Rear spoiler control unit: 0080 Following control unit programming, the software version can be read out from the relevant control unit in the ⇒ "Incremented identifications" 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'</i> .

Procedure in the event of an interruption in the control unit programming:	Repeat control unit programming by restarting programming.
Integration test procedure:	<ul style="list-style-type: none"> • Rear spoiler control unit integration testdisplays green -> Perform automatic rear spoiler control unit coding • Rear spoiler control unit integration testdisplays red -> Perform automatic rear spoiler control unit programming

- 2 Read out all **fault memories**; process and delete existing faults if necessary.
- 3 Exit the diagnostic application. Switch off the ignition. Disconnect the Tester from the vehicle.
- 4 Enter campaign in the Warranty and Maintenance booklet.

Warranty processing

Scope 1: Re-programming rear spoiler control unit

Labor time:	
Re-programming rear spoiler control unit	Labor time: 31 TU
Includes:	<ul style="list-style-type: none"> Connecting and disconnecting battery charger Connecting and disconnecting PIWIS Tester Reading out and erasing fault memories
⇒ Damage code WPC3 066 000 1	

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