

**Yellow Warning Message "Rear Axle Steering Failed" / Fault Memory Entries "C1445F2" and "C11D1F5" in the Rear Axle Steering Control Unit (07/25)**

Vehicle Type: **911 Carrera GTS (992) / 911 Carrera 4 GTS (992) / 911 Turbo (992) / 911 Turbo S (992)**

Model Year: **As of 2025**

Equipment: **Rear axle steering (M-No. 0N5)**

Concerns: **Control unit for rear axle steering**

Cause: **The customer complains that the yellow warning message "Rear axle steering failed" in the instrument cluster lights up in conjunction with dynamic cornering.**

The following fault memory entries are stored in the fault memory of the rear axle steering control unit:

- **C1445F2** - Malfunction of right servo motor (000015)
- **C11D1F5** - Travel blocked (000028)

Action: If there is a customer complaint, re-program the rear axle steering control unit using the PIWIS Tester.



**Information**

The minimum programming requirement is the PIWIS Tester software release **43.200.031** (or higher)

**Required tools**

- Tools:
- **P90999 - PIWIS 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 rear axle steering control unit**

Work Procedure: 1 Re-program rear axle steering 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'*

**Specific information on control unit programming in the context of this Technical Information:**

Required PIWIS Tester test software release:	<b>43.200.031</b> (or higher)
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Type of control unit programming:	Control unit programming using the " <b>Automatic programming</b> " function in the rear axle steering control unit:  Control unit " <b>Rear axle steering</b> " – " <b>Coding / programming</b> " menu – " <b>Automatic programming</b> " function.
Programming sequence:	Read and follow the <b>information and instructions on the PIWIS Tester</b> during the guided programming sequence. During the programming sequence, the <b>rear axle steering control unit</b> is <b>re-programmed</b> and then <b>automatically re-coded</b> .  <b>Do not interrupt the programming and coding process.</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 releases is then performed.
Programming time:	Programming takes up to <b>5 minutes</b> , depending on the equipment.
Data record programmed during this programming for the rear axle steering control unit:	<b>- Control unit for rear axle steering</b> Software release: <b>0801</b> (or higher)  Following control unit programming, the software release can be read out from the relevant control unit using the PIWIS Tester in the menu ⇒ 'Incremented 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 - Section on "Troubleshooting"</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 vehicle electrical system battery'*

**Labor position and PCSS encryption -**

Labor position:

APOS	Labor operation	I No.
48832500	Re-program rear axle steering control unit	

PCSS encryption:

Location (FES5)	48880	Electric motor steering
Damage type (SA4)	1613	occasionally not functioning

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