Calibration of Double Clutch Transmission Not Possible - Comply with Procedure for Calibration (78/25)

Vehicle Type: **911 Carrera (992)**
911 Carrera S (992)
911 Carrera 4S (992)

Model Year: **2025**

Equipment: 8-speed automatic transmission for rear-wheel drive **(M-no. G1F)**
or
8-speed automatic transmission for all-wheel drive **(M-no. G1G)**

Concerns: **Double clutch transmission**

Cause: **During a workshop visit, the calibration of the double clutch transmission cannot be completed with the PIWIS Tester.**

Action: Recalibrate double clutch transmission using the following procedure:

- **Temporary programming of transmission electronics control unit with special software**
- Calibrating double clutch transmission
- Programming transmission electronics control unit with standard software

Information
The described action is only allowed to be used if a calibration of the double clutch transmission is required due to a part replacement.
This action must not be used for comfort complaints or for other derivatives such as the 911 GTS from MY 2025.

Information
The minimum programming requirement is the PIWIS Tester software release: **43.600.000** (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 the battery and vehicle electrical system'*

Recalibrating double clutch transmission using special software

Work Procedure: 1 Programming transmission electronics control unit with **special software**.

Information
After programming the special software, it is no longer possible to engage gears D and R.
In addition, a yellow transmission warning message appears on the instrument cluster.

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 during this action:

Required PIWIS Tester software release:	**43.600.000** (or higher)
Type of control unit programming:	Control unit programming using the **'Campaign' function in the additional menu**of the PIWIS Tester by entering a programming code.
Programming code:	**P9D2K**
Programming sequence:	Read and follow the **information and instructions of the PIWIS Tester** during the guided programming sequence. During the programming sequence, the **transmission electronics control unit** is re-**programmed** and then **automatically** re-**coded**.
Programming duration:	Programming takes up to **15 minutes**, depending on equipment.
Software programmed during this action:	▪ **Transmission electronics control unit** Software part number: **9929273000YY** Software release: **Y001**
Procedure in the event of error messages appearing during the programming sequence:	⇒ *Workshop Manual '9X00IN Basic instructions and procedure for control unit programming using the PIWIS Tester'*.
Procedure in the event of a cancellation of the control unit programming:	Repeat control unit programming by restarting programming.

2 Read out and delete all control unit fault memories.

3 Calibrate double clutch transmission.

3.1 Switch on ignition again if necessary.

3.2 Select **Transmission electronics** control unit.

3.3 Select **Maintenance / Repairs** tab.

3.4 Select menu item **Calibration of transmission after part replacement**, press F12 to continue.

3.5 Follow the instructions of **P90999 - PIWIS Tester 4**.

4 Programming transmission electronics control unit to the **standard software version**.

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 during this action:

Required PIWIS Tester software release:	**43.600.000** (or higher)
Type of control unit programming:	Control unit programming using the **'Automatic programming'** function of the control unit: **'Transmission electronics'** control unit – **'Coding / programming'** menu – **'Automatic programming'** function.
Programming sequence:	Read and follow the **information and instructions of the PIWIS Tester** during the guided programming sequence. During the programming sequence, the control unit is re-**programmed** and then **automatically** re-**coded**. **Do not interrupt the programming and coding process.** Backup documentation for the re-programmed software releases starts after programming.
Programming duration:	Programming takes up to **12 minutes**, depending on equipment.
Procedure in the event of error messages appearing during the programming sequence:	⇒ *Workshop Manual '9X00IN Basic instructions and procedure for control unit programming using the PIWIS Tester'*
Procedure in the event of a cancellation of the control unit programming:	Repeat control unit programming by restarting programming.

5 Read out and delete all control unit fault memories.

6 Exit the diagnostic application and disconnect **P90999 - PIWIS Tester 4** from the vehicle.

7 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.**
37302549	Program transmission electronics control unit	

PCSS encryption:

Location (FES5)	37340	Double clutch transmission
Damage type (SA4)	1611	does not function