

Symptom in Vehicle Interior - Reversing Camera Image Remains Active While Driving (I-no. 638): Re-coding reversing camera control unit (SY 44/18)

Vehicle Type: **911 Carrera (GT2 RS/GT3/GT3 RS)**

Model Year: **As of 2018**

Equipment: **ParkAssist, front and rear and reversing camera (I-no. 638)**

Subject: **Reversing camera control unit**

Symptom: **The reversing camera image remains active while driving.**

Cause: Incorrect coding of the reversing camera control unit can cause the reversing camera image to remain active even while driving.

Remedial Action: Re-code the reversing camera control unit.

Tools:

- **9900 - PIWIS Tester 3** with software **version 36.800.020** (or higher) installed
- **Battery charger** with a current rating of **at least 90 A**.

Work Procedure: 1 **Preliminary work:**

NOTICE

Coding/programming will be aborted in the event of low-voltage.

- **Increased power consumption during diagnosis can cause a drop in voltage, which can result in one or more fault entries and abortion of the coding process.**

⇒ **Before commencing work, connect a suitable battery charger with a charging current of at least 90 A to the jump-start terminals in the engine compartment.**

1.1 Connect a battery charger with a current rating of **at least 90 A**.

1.2 Switch on the ignition using the **original driver's key**. For vehicles with "Porsche Entry & Drive", do this by replacing the control unit in the ignition lock with the original driver's key if necessary.

NOTICE

Coding will be aborted if the WLAN connection is unstable.

- **An unstable WLAN connection can interrupt communication between PIWIS Tester 3 and the vehicle communication module (VCI). As a result, coding/programming may be aborted.**

⇒ **During control unit coding/programming, always connect PIWIS Tester 3 to the vehicle communication module (VCI) via the USB cable.**

- 1.3 **9900 - PIWIS Tester 3** with software **version 36.800.020** (or higher) installed must be connected to the vehicle communication module (VCI) via the **USB cable**. Then, connect the communication module to the vehicle and switch on **9900 - PIWIS Tester 3**.



Information

The procedure described here is based on the **9900 - PIWIS Tester 3** software version **36.800.020**.

The PIWIS Tester instructions take precedence and in the event of a discrepancy, these are the instructions that must be followed. A discrepancy may arise with later software versions for example.

2 Re-code reversing camera control unit:

- 2.1 **Control unit overview** ⇒ Select ⇒ **Reversing camera control unit** ⇒ Select ⇒ **Coding/programming** ⇒ Select ⇒ **Automatic coding** ⇒ **F12**

3 Subsequent work:



Information

If there are still fault memory entries in individual control units, start the engine briefly and then switch it off again. Wait for approx. 10 seconds before switching the ignition on again and re-establish the connection between the PIWIS Tester and the vehicle. Then, read out and erase the fault memories of the affected control units again separately.

- 3.1 Read out and erase all fault memories.
- 3.2 Switch off the ignition.
- 3.3 Disconnect the PIWIS Tester from the vehicle.
- 3.4 For vehicles with Porsche "Entry & Drive", replace the original vehicle key in the ignition lock with the control panel again.
- 3.5 Switch off and disconnect the battery charger.

Invoicing: The work involved is invoiced under the labor operation:

APOS	Labor operation	I No.
91732530	Programming reversing camera control units	

For invoicing and documentation using PQIS, enter the following coding:

Location (FES5)	91430	Reversing camera
Damage type (SA4)	1614	Function not as specified

Important Notice: Technical Bulletins issued by Porsche Cars North America, Inc. are intended only for use by professional automotive technicians who have attended Porsche service training courses. They are written to inform those technicians of conditions that may occur on some Porsche vehicles, or to provide information that could assist in the proper servicing of a vehicle. Porsche special tools may be necessary in order to perform certain operations identified in these bulletins. Use of tools and procedures other than those Porsche recommends in these bulletins may be detrimental to the safe operation of your vehicle, and may endanger the people working on it. Properly trained Porsche technicians have the equipment, tools, safety instructions, and know-how to do the job properly and safely. Part numbers listed in these bulletins are for reference only. The work procedures updated electronically in the Porsche PIWIS diagnostic and testing device take precedence and, in the event of a discrepancy, the work procedures in the PIWIS Tester are the ones that must be followed.

© 2018 Porsche Cars North America, Inc.