

**Eliminating Symptoms in Body Interior: Replacing Control Unit for Auxiliary Alarm System (with PVTs) (Engine will not start/SY1115)**

**Revision:** This bulletin replaces bulletin dated November 28, 2017.  
This revision is now applicable up to model year 2018.

**General information**

**Symptom** Customer complaint "Vehicle will not start" received for vehicles with Porsche Vehicle Tracking System (PVTs) (retrofit kit):

- I.no. - 911/Boxster/Cayman: 674
- I.no. - Cayenne: 7G1 - 7G2 - 7G5 - 7G9
- I.no. - Panamera: 7G9 - 7I2

⇒ In the **rear-end electronics control unit**, the fault code "805108 - VTS authentication failed" **and**

- in the **front-end electronics control unit**, the fault code "80530F - Re-start inhibited by VTS" must be entered.

**Cause, date of introduction and remedial action**

Model Year: **As of 2010 up to 2018**

**Cause**

The control unit for the auxiliary alarm system has limited bus communication.

**Date of Introduction**

Control units for the auxiliary alarm system with updated software have been used in production since the beginning of December 2017.

**Remedial Action**



**Information**

If the control unit for the auxiliary alarm system needs to be replaced, **the national service provider must be contacted (by phone) before removing the control unit.**

In the event of a customer complaint **and if both fault codes are entered, replace the existing control unit for auxiliary alarm system with a new control unit with software version '0820'** printed on it, see PIWIS information system under TEQ Tequipment Installation and Conversion Instructions ⇒ *Installation and Conversion Instructions '906400 Porsche Vehicle Tracking System (PVTS) control unit'* or (for the Cayenne) under ⇒ *Workshop Manual '906425 PCC'* in the Workshop Manual.



#### Information

Before starting the work required for replacing the PVTS control unit, the replacement procedure must first be started in the '**Porsche Car Connect – Online Support**' portal. If PCC/PVTS is activated, you will then get the installation code required for commissioning and activating the new control unit.

**Without the installation code, the PVTS control unit cannot be replaced and subsequent commissioning of the new control unit is not possible for an activated PCC/PVTS.**



#### Information

**The subsequent procedure depends on the respective usage status of PCC/PVTS**

- If PCC/PVTS has already been used and a valid user contract exists, the new PVTS control unit must be commissioned in order to guarantee continued use. This requires the installation code obtained previously from the '**Porsche Car Connect – Online Support**' portal. More information about this can be found in the PIWIS information system under TEQ Tequipment Installation and Conversion Instructions ⇒ *Installation and Conversion Instructions '906400 Porsche Vehicle Tracking System (PVTS) control unit'* or (for the Cayenne) under ⇒ *Workshop Manual '906425 PCC'* in the Workshop Manual.
- If the customer has not yet started using PCC/PVTS or if there is no valid user contract and if the customer does not intend to use PCC/PVTS in the future, there is no need to commission the control unit.
- If the customer has not yet started using PCC/PVTS or if there is currently no valid user license, but the customer wants to activate or reactivate PCC/PVTS while the control unit is being replaced, proceed in accordance with the standard process for activating PCC/PVTS for the first time or reactivating PCC/PVTS. To do this, an account must be created and a new installation code must be requested via the '**Porsche Car Connect – Online Support**' portal. The new PCC/PVTS control unit must then be commissioned. More information about this can be found in the PIWIS information system under TEQ Tequipment Installation and Conversion Instructions ⇒ *Installation and Conversion Instructions '906400 Porsche Vehicle Tracking System (PVTS) control unit'* or (for the Cayenne) under ⇒ *Workshop Manual '906425 PCC'* in the Workshop Manual.

Use the PIWIS Tester to check the software version of the control unit for the auxiliary alarm system:

- 1 Select the 'Rear-end electronics' control unit in the 'Control unit overview' and switch to the 'Extended identifications' menu.
- 2 Scroll down in the "Extended identifications" menu until the message "PVTS software version" is displayed.

- 3 Read off the value shown for the software version.  
⇒ The software version of the new control unit for auxiliary alarm system must be '0820'.
- 4 Commission the new control unit:  
Select the "VTS commissioning" function in the 'Extended identifications' menu and press •F12" to confirm your selection.
- 5 Complete the process for commissioning the module in co-operation (over the phone) with the national service provider.

End of action required.

### Tools and materials

#### Tools and materials

For 911/Boxster/Cayman: 958.044.902.31 ⇒Immobilizer control unit (with VTS; for retrofitting via TEQ 1)

For Cayenne/Panamera (**USA/Canada only**): 7PP.035.620.DT ⇒VTS vehicle tracking system control unit

**9900 - PIWIS Tester III**

**Battery Charger/Power Supply** - Suitable for AGM Type batteries, recommended current rating of 90A fixed voltage 13.5V to 14.5V.

### Invoicing

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The work involved is invoiced under the labor operation:

APOS	Labor operation	I No.
96625600	Replacing remote control (hand-held transmitter)	
90632300	Installing auxiliary alarm systems/VTS	

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

Location (FES5)	90630	Auxiliary alarm system/VTS
Damage type (SA4)	1611	does not work

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