

**Eliminating Symptoms in Body Interior: Replacing Control Unit for Auxiliary Alarm System (With PVTs) (Engine Will Not Start/SY1115)**

**General information**

**Symptom**

**Revision:**

This bulletin replaces bulletin Group 9 11/15, dated August 23, 2018.

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

- Sports Cars (9x1) I-no.: 674
- Cayenne (92A) I-no.: 7G1 - 7G2 - 7G5 - 7G9
- Panamera (970) I-no.: 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

### Invoicing



#### Information

Various labor operations for replacing the control unit for the auxiliary alarm system are available depending on the relevant derivative. Select the relevant labor operation in the PCSS and attach it to the warranty claim.

The work involved is invoiced under the labor operation:

APOS	Labor operation	I No.
96625600	Replacing remote control (hand-held transmitter)	
90645502	Replacing control unit for auxiliary alarm system	
90645517	Replacing control unit for auxiliary alarm system	

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

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

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