

Symptom - Body exterior - Front of vehicle too low and warning message "Levelling system" (I-no. 1BK): Re-programming PASM control unit (37/17)

Model Line: **Panamera (971)**

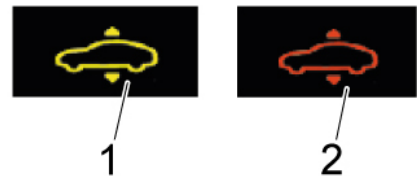
Model Year: **2017**

Equipment: Levelling system (I-no. 1BK)

Subject: **Front air bellows**

Symptom: **After the vehicle has been parked for a long time at temperatures below 5° F (-15° C), the chassis can be lowered fully at the front axle.**

A yellow warning message ⇒ *Warning messages -1-* indicating extreme level and after approx. 60 seconds, a red warning message ⇒ *Warning messages -2-* indicating that the filling time has been exceeded can appear in the instrument cluster.



Warning messages

Cause: Minor leaks can occur in an air suspension system, depending on the type.
Particularly at cold outside temperatures, more time may be needed to fill the air bellows.
A red warning message appears in the instrument cluster and the system interrupts the filling process.

Remedial action: **Re-program PASM control unit, see ⇒ *Workshop Manual '431655 Replacing PASM control unit'***

This increases the time delay before the "Filling time exceeded" fault entry from 60 to 360 seconds.

Date of Introduction: The updated software is used for all vehicles as of production date February 22, 2017.

Tools: **9900 - PIWIS Tester III** with software version **34.840.00** (or higher) installed.

Battery charger with a current rating of **at least 90 A**, e.g. **VAS 5908 - Battery charger, 90 A**

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

APOS	Labor operation	I No.
43165500	Programming PASM control unit	9VJ "BURMESTER HIGH-END SOUND SYSTEM" 9VL "BOSE PREMIUM SOUND SYSTEM"

APOS	Labor operation	I No.
43165502	Programming PASM control unit	9VJ "BURMESTER HIGH-END SOUND SYSTEM" 9VL "BOSE PREMIUM SOUND SYSTEM"

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

Location (FES5)	43160	PASM control unit
Damage type (SA4)	9739	Software update for improved customer satisfaction

References: ⇒ *Workshop Manual '431655 Replacing PASM control unit'*

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