

**WMD1 - Performing PCM Software Update (Workshop Campaign)**

Important: **CRITICAL WARNING** - This campaign includes steps where control unit(s) in the vehicle will be programmed with the PIWIS Tester. The vehicle voltage must be maintained between 13.5 volts and 14.5 volts during this programming. Failure to maintain this voltage could result in damaged control unit(s). Damage caused by inadequate voltage during programming is not a warrantable defect. The technician must verify the actual vehicle voltage in the PIWIS Tester before starting the campaign and also document the actual voltage on the repair order.

Model Year: **As of 2017 up to 2018**

Model Line: **Panamera (971)**

Concerns: **Porsche Communication Management (PCM) 4.1**

Information: **Due to a change in the interface for providing the satellite map data for Porsche Communication Management (PCM), the satellite map view will no longer be available in Navigation on the affected vehicles.**

Action required: Perform PCM software update to restore the satellite map view.



**Information**

For model year 2017 vehicles: **Before** performing the SD card update, always note the following Technical Information ⇒ *Technical Information '911000 Spare parts requirements - PCM 4.1 operator control unit (front/rear)/central computer: Note modified control concept and integrated system (50/18)'*

Affected Vehicles: Only vehicles assigned to the campaign (see also PCSS Vehicle Information).

**Performing PCM software update**

Work Procedure: Perform PCM software update.

For procedure see:

⇒ *Workshop Manual '915225 Programming central computer data update'*

**Required tools**

**Please note** that the SD memory cards for the PCM software update specified below are usually already available at the Porsche dealer. If the required SD memory card is nevertheless not available yet, it can be ordered in a small number (max. 2 per required variant per Porsche dealer). The SD memory cards

must remain at the Porsche dealer as part of the workshop equipment and must not be handed over to the customer or left in the vehicle.

Parts Info:	Part No.	Designation – Region	Vehicle assignment	Software
	971919360T	⇒ SD memory card – Europe – RoW	M-no. ER1/ER2	1417
	<b>or</b>			
	971919360AA	⇒ SD memory card – NAR	M-no. ER3/ER4	1416
	<b>or</b>			
	971919360AC	⇒ SD memory card – Japan	M-no. ER5	1102

## Warranty processing

Scope 1: Valid for Cayenne (92A) and Macan (95B). See relevant Technical Information for these vehicle types.

### Scope 2: Performing PCM software update

- Applies to **Panamera (971)**

#### Working time:

Performing PCM 4.1 software update

Labor time: **50 TU**

Includes:

- Connecting and disconnecting battery charger
- Connecting and disconnecting PIWIS Tester
- Reading out and erasing fault memory

#### Please note:

The SD memory cards must only be invoiced **once** for the first vehicle during **warranty processing**. Only the **working time** must be invoiced in the warranty claim for all other vehicles on which work is carried out as part of this campaign at the Porsche dealer.

#### Required tools:

971919360T                      SD memory card  
   – Europe  
   – RoW

**or**

971919360AA                      SD memory card  
   – NAR

or

971919360AC

SD memory card  
– Japan

⇒ **Damage Code WMD1 066 000 1**

**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.

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