

**Sport Plus Mode for PCM4**

Revision: **This bulletin replaces bulletin Group 9, #39/16, dated February 3, 2017.**

- > Applicable model year was changed to "As of 2017, up to 2018".
- > Under "Restriction:" **NOT** approved for Diesel models! was added.
- > Work procedures were revised.

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

Concern: **Retrofitting**

- Restrictions:
- **NOT** approved for Diesel models!
  - **ONLY** for vehicles with PCM4
  - **ONLY** for vehicles **WITHOUT** compass/Sport Chrono clock (I-no. QR0) or **WITH** analog clock (I-no. QR3)



Figure 1

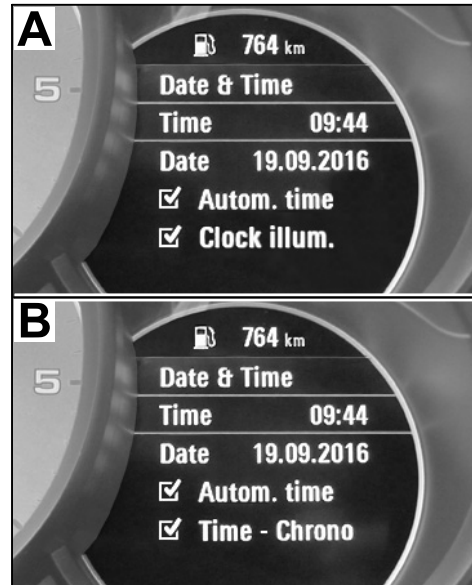
Notes: Activating the "Sport Plus mode" option using the Sport Plus button in the center console allows sporty tuning of Porsche Stability Management (PSM), Porsche Active Suspension Management (PASM), Porsche Dynamic Chassis Control (PDCC), transmission and electronic engine management, depending on the vehicle equipment.

When Sport Plus mode is activated, the Porsche control systems are intentionally shifted towards greater agility and driving dynamics. (For more information, see Owner's Manual).

The Sport and Sport Plus modes are displayed in the instrument cluster.

Data relating to laps/distances driven can be recorded and evaluated when the stopwatch (digital display in the instrument cluster) and Porsche Communication Management (PCM) are combined.

Important: **ONLY** for vehicles with analog clock (QR3):  
When coding is complete, **B** will be displayed instead of **A** in the main menu Vehicle > Settings > Date/time on the multi-function display in the instrument cluster.



*Multi-function display*

- A** – Clock lighting
- B** – Chrono time

The clock lighting works when the Chrono time option is confirmed (tick appears).



#### Information

Please inform your customers about the change in the multi-function display.

Parts Info: **95B.044.900.73** ⇒ Sport Plus mode

Information on ordering: A strip for switches (keypad) must also be ordered.  
The following illustrations and table make ordering easier.

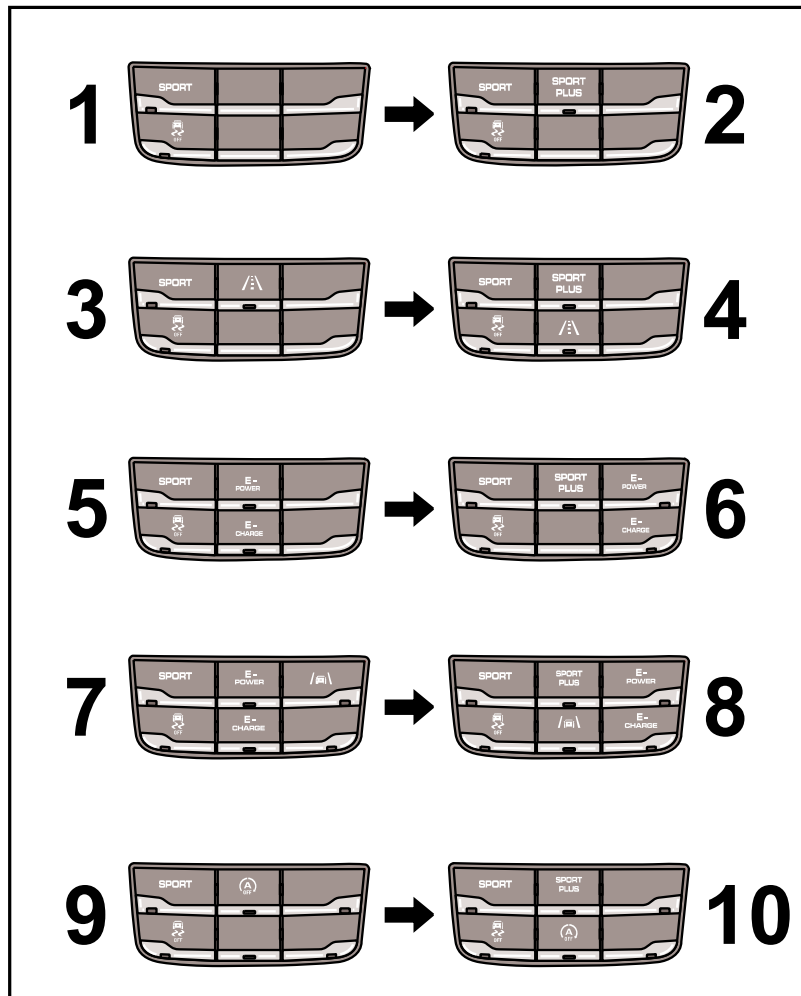


Figure 2

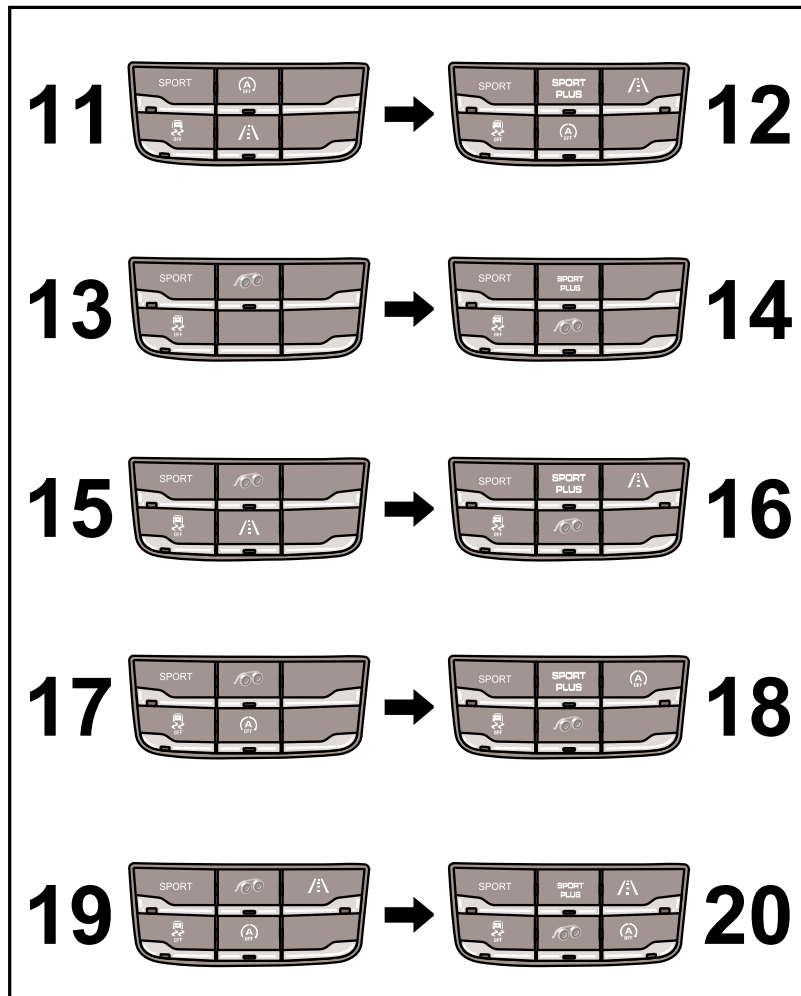


Figure 3

Installed strip for switches		Required strip for switches	
Part number		Part number	
1	958.613.158.00	2	958.613.160.00
3	958.613.159.00	4	958.613.161.00
5	958.613.162.00	6	958.613.164.00
7	958.613.163.00	8	958.613.166.00
9	958.613.167.00	10	958.613.169.00
11	958.613.168.00	12	958.613.170.00
13	958.613.171.00	14	958.613.173.00

15	958.613.172.00	16	958.613.174.00
17	958.613.175.00	18	958.613.177.00
19	958.613.176.00	20	958.613.178.00

Tools: **9900 - PIWIS Tester 3**

Work Procedure: 1 Preparatory work

- 1.1 Connect battery charger ( ⇒ *Workshop Manual '2X00IN Battery trickle charging*).
- 1.2 Remove levelling system (selector switch) ( ⇒ *Workshop Manual '431019 Removing and installing levelling system (selector switch)*).

2 Convert levelling system (selector switch).

- 2.1 Release locking lug – at the front ( ⇒ *Figure 4 -a-*) and lift the trim slightly ( ⇒ *Figure 4*).

- 1 – Cover
- 2 – Locking lug
- 3 – Clips

Insert a small screwdriver into the housing ( ⇒ *Figure 4 -b-*) and **carefully** release the clips ( ⇒ *Figure 4*).

Pull the trim up and off.

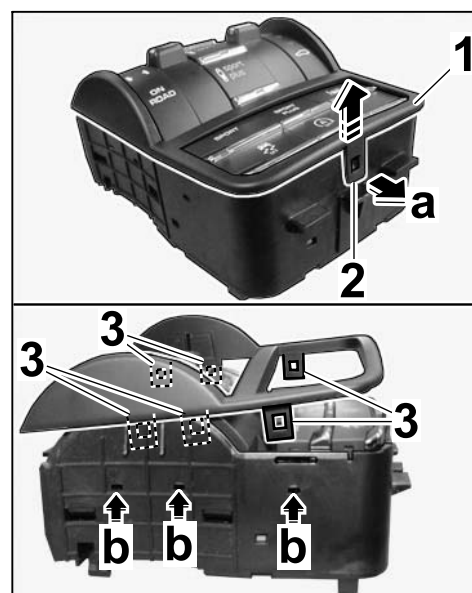


Figure 4

2.2 Release combined switch (⇒ *Figure 5 -a-*) and pull it out of the keypad (⇒ *Figure 5*).

- 1 – Combined switch
- 2 – Keypad

2.3 Insert combined switch into the new keypad and press it down until the combined switch locks with an audible click.

2.4 Position trim on the levelling system (selector switch) and press it down until the trim locks with an audible click.

2.5 Install levelling system (selector switch) (⇒ *Workshop Manual '431019 Removing and installing levelling system (selector switch)*).

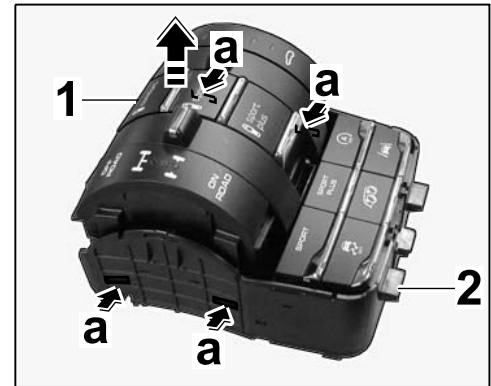


Figure 5

#### NOTICE

##### Voltage drop

- Risk of irreparable damage to control unit
  - Risk of damage to control unit
  - Fault entries in the control unit
  - Coding in the control unit is aborted
  - Malfunctions in control unit, even during programming
- ⇒ Prior to disconnecting the control unit, switch off the ignition and remove the ignition key.
- ⇒ Ensure that the power supply is not interrupted during programming.
- ⇒ Connect battery charger/power supply suitable for AGM Type batteries, recommended current rating of 90A fixed voltage 13.5V to 14.5V.



##### Information

The **9900 - PIWIS Tester III** instructions take precedence since the description may be different with later Tester releases.

The procedure described here has been structured in general terms; different text or additions may appear on the **9900 - PIWIS Tester III**.

3 Coding Sport Plus mode

3.1 Enable Sport Plus mode.

3.1.1 **9900 - PIWIS Tester 3** must be connected before switching on the ignition.

- 3.1.2 Select Diagnostics. **9900 - PIWIS Tester 3** detects the model line. Press "Next". PIWIS Tester III Diagnostics starts.
- 3.1.3 Select Additional menu by pressing •F7" . Press •F11" to confirm the question "Create vehicle analysis log (VAL)?".
- 3.1.4 Select the "Function enable" function. Press •F12" to continue.



**Information**

PIWIS Tester must be connected to the Porsche Partner Network (PPN) via WLAN or data cable!

- 3.1.5 Enter PPN user. Touch the PPN password input field and enter the password. Select "Login".
- 3.1.6 Select the "Enable" function. Press •F12" to continue.
- 3.1.7 Touch the licence number input field and enter the licence number. Press •F12" to continue.
- 3.1.8 Confirm the "Sport Chrono" function by pressing •F12" .  
Wait until "Functions have been enabled successfully." appears.
- 3.1.9 Press •F12" to go to the "Overview" menu.  
Select the "Display enabled functions" function. Press •F12" to continue.  
Wait until a table containing enabled functions appears, e.g.:

Control unit	Function	Status
PCM4 (001)	Sport Chrono	✓
	Voice control	✓
	Bluetooth	✓
	Navigation	✓
	UAS (universal audio interface)	✓

Press •F12" to continue.

Press •F11" to return to the **Overview** menu.

- 3.2 Adapt coding.
  - 3.2.1 Select all control units by pressing •Ctrl A" . Press •F12" to continue.
  - 3.2.2 Switch to the "Codings/adaptations" menu. Press •F12" to continue.
  - 3.2.3 Select "Automatic coding" mode. Press •F12" to continue.

- 3.2.4 Wait until "Coding has been completed successfully." appears. Press •F12" to continue.
- 3.2.5 Switch to the "Overview" menu.
- 3.3 Read out the fault memory of all systems, work through any existing faults, and erase the fault memory ( ⇒ *Workshop Manual '033500 Fault memory for on-board diagnosis* ).
- 3.4 Disconnect the battery charger ( ⇒ *Workshop Manual '2X00IN Battery trickle charging* ).
- 3.5 Carry out a function test.

96 27 31 43: Activating Sport Plus mode.

Labor time: **133 TU**

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