Sport Plus Mode for PCM4

Revision:	This bulletin replaces bulletin Group 9 38/16, dated January 13, 2017
Model Year:	**As of 2017 up to 2018**
Reason:	**Retrofitting**
Restrictions:	**ONLY** for vehicles with PCM4
	ONLY for vehicles **WITHOUT** Compass / Sport Chrono clock (I-no. QR0) or **WITH** analog clock (QR3)

Figure 1

Notes: Activating the option "Sport Plus mode" using the Sport Plus button in the center console will enable the following functions, depending on vehicle equipment:

- Sporty tuning of Porsche Stability Management (PSM), Porsche Active Suspension Management (PASM), Porsche Traction Management (PTM) and shift programme.
- Launch Control racing start function[1] (Only with Porsche Double Clutch transmission (PDK)).

[1] Contrary to the description in the Driver's Manual, the starting engine speed for the Launch Control racing start function can be lower. Please inform the customer about the different engine speed.

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

The Sport and Sport Plus modes are displayed in the instrument cluster. When driving off with Launch Control, the message **Launch Control activated** is displayed on the on-board computer.

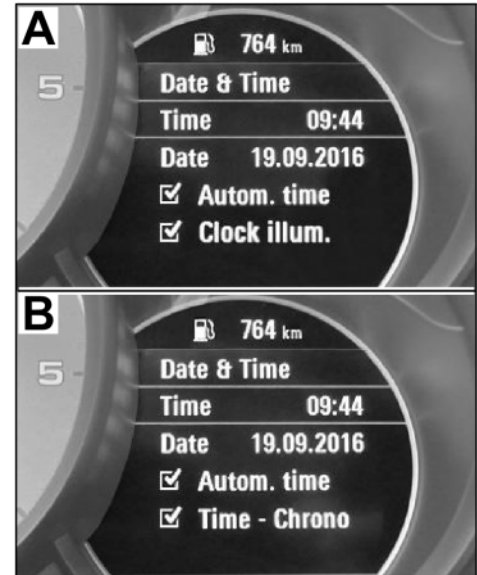|		
Important:	**ONLY** for vehicles with analog clock (QR3): When coding is complete, **B** will be displayed instead of **A** in the main menu Vehicle ⇒ Settings ⇒ date & time in the multi-function display in the instrument cluster.	

A – Clock illum.
B – Time – Chrono

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

i **Information**

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

Multi-function display

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

Also order the following according to vehicle equipment:

95B.907.041.P.DML	⇒ Switch strip, suspension/damping: Standard (1BA) / (QR4/QR5)
95B.907.041.Q DML	⇒ Switch strip, suspension/damping: Standard-2 (1BH = PASM) / (QR4/QR5)
95B.907.041.R DML	⇒ Switch strip, air suspension with levelling system and height adjustment: (1BK = PASM) / QR4/QR5

Tool:	**P90999 - P90999 - PIWIS Tester 4**

Assembly:	1	Preparatory work
	1.1	Connect battery charger. ⇒ *Workshop Manual '2X00IN Battery trickle charge'*
	1.2	Remove selector knob. ⇒ *Workshop Manual '370419 Removing and installing selector knob'*
	1.3	Remove upper part of center console cover. ⇒ *Workshop Manual '681919 Removing and installing upper part of centre console cover'*
	1.4	Remove switch console. ⇒ *Workshop Manual '962719 Removing and installing switch console'*

2 Replace standard switch strip (left).

    2.1 Remove switch strip.

        2.1.1 Unplug (⇒ *Figure 2*).

            1 – Electric plug
            2 – Screw
            3 – Switch strip (left)

        2.1.2 Remove screws (⇒ *Figure 2* -**2**-).

        2.1.3 Remove left switch strip (⇒ *Figure 2* -**3**-).
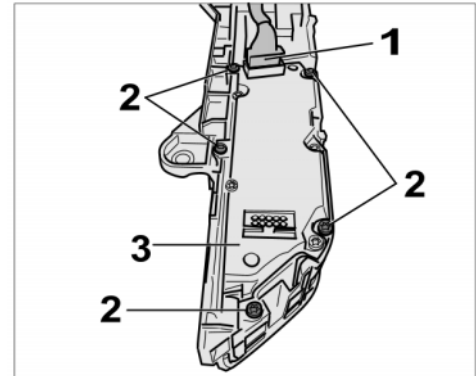
    2.2 Install new switch strip in reverse order.

Figure 2

3 Concluding work.

    3.1 Install switch console. ⇒ *Workshop Manual '962719 Removing and installing switch console'*

    3.2 Install upper part of center console cover. ⇒ *Workshop Manual '681919 Removing and installing upper part of centre console cover'*

    3.3 Install selector knob. ⇒ *Workshop Manual '370419 Removing and installing selector knob'*

Coding: 4 Coding Sport Plus mode

    4.1 Enable Sport Plus mode

> **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**

⇒ **Switch off the ignition and remove the ignition key before disconnecting the control unit.**

⇒ **Ensure that the power supply is not interrupted during programming.**

⇒ **Connect a battery charger with a current rating of at least Nominal value 90 A to the vehicle battery.**

        4.1.1 Connect **P90999 - P90999 - PIWIS Tester 4**, switch on ignition.

ℹ️ **Information**

The **9900 - PIWIS Tester III/ IV** 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/ IV**.

4.1.2 Select Diagnostics. **P90999 - P90999 - PIWIS Tester 4** detects the model range.
Press "Next". PIWIS Tester III Diagnostics starts.

4.1.3 Select Additional menu by pressing •F7" . The question "Create vehicle analysis log (VAL)?" appears. Press •F11" to confirm.

4.1.4 Select "Function enable". Press •F12" to continue.

ℹ️ **Information**

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

4.1.5 Enter PPN user name. Touch PPN password input field and enter "password". Press •Enter" .

4.1.6 Select "Enable". Press •F12" to continue.

4.1.7 Touch licence number input field and enter licence number. Press •F12" to continue.

4.1.8 Confirm "Sport Chrono" function by pressing •F12" .

Wait until "Functions have been enabled successfully." appears.

4.1.9 Press •F12" to go to the "Overview" menu.

Select "Display enabled functions". Press •F12" to continue.

Wait until a table containing the enabled functions appears, e.g.:

Control unit	Function	Status
PCM4 (001)	Sport Chrono	✓
	Voice control	✓
	UAS	✓
	Online services	✓
	Bluetooth	✓

Press •F12" to continue. Press •F11" to return to the Overview menu.

4.2 Adapt coding.

4.2.1 Select all control units with •Ctrl A". Press •F12" to continue.

4.2.2 Switch to the "Coding adaptations" menu. Press •F12" to continue.

4.2.3 Select "Automatic coding" mode. Press •F12" to continue.

4.2.4 Wait until "Coding has been completed successfully" appears. Press •F12" to continue.

4.2.5 Switch to the "Overview" menu.

4.3 Read out the fault memory of all systems, work through any existing faults, and erase the fault memory. ⇒ *Workshop Manual '033500 On-board diagnosis error memory'*

4.4 Switch off ignition and disconnect **P90999 - P90999 - PIWIS Tester 4**.

4.5 Disconnect battery charger. ⇒ *Workshop Manual '2X00IN Battery trickle charge'*

96 27 31 43:	–Sport Plus mode (1 x) for PCM4 retrofitted–	Labor time: **91 TU**
	Includes: Convert switch console;	
	Coding Sport Plus mode;;	
	Read out error memory, remedy and erase errors.	
	Without: Test drive	