

Apple CarPlay® Interface (9WT)

Information: **Retrofitting**



Information



Figure 1

Model Year: **As of 2022**

Notices: After enabling the Apple CarPlay interface in the vehicle, iPhone® apps can also be used in the Porsche Communication Management (PCM) of the vehicle.

The following requirements must be met in order to use this function:

- At least iPhone 5 or a newer device with iOS 7.1 or later software
- Availability of Apple CarPlay

You will find information about the available regions at <https://support.apple.com>.

Part Info: **95B.044.900.07** ⇒ License key for Apple CarPlay

Tool: **9900 - PIWIS Tester 3**

Coding: 1 Coding/Programming Apple CarPlay
 1.1 Preparatory work – Coding

- 1.1.1 Connecting a battery charger. ⇒ *Workshop Manual '270689 Charging vehicle electrical system battery'*

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.

NOTICE

Control unit programming will be aborted if the Internet connection is unstable.

- An unstable Internet connection can interrupt communication between PIWIS Tester III and the vehicle communication module (VCI). As a result, control unit programming may be aborted.
- ⇒ During control unit programming, always connect PIWIS Tester III to the vehicle communication module (VCI) via the USB cable.

- 1.1.2 **9900 - PIWIS Tester 3** must be connected to the vehicle and switched on.

- 1.1.3 Switch on ignition **AND** hazard warning lights on the vehicle.

**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**.

- 1.1.4 Select the "Diagnostics" PIWIS Tester menu item.

- 1.1.5 If **9900 - PIWIS Tester 3** is connected correctly, a connection to the vehicle will be established: The model line is detected: "Macan" model line is detected.

- 1.1.6 Create a vehicle analysis log (VAL) in the "Overview" menu item.



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The function is **ONLY** available when the Tester is online!

1.2 Enabling Apple CarPlay

1.2.1 Select the "Function enable" function. Press •F12" to continue.

1.2.2 Enter user name. Tap the password input field and enter the password. Select "Login".

1.2.3 Select the "Enable" function. Press •F12" to continue.

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

1.2.5 Confirm the "Apple CarPlay" function by pressing •F12" .
Wait until "Functions have been enabled successfully." appears.

1.2.6 Press •F12" to go to the "Overview" menu.
Select the "Display enabled functions" function. Press •F12" to continue.
Wait until a table containing the enabled functions appears, e.g.:

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

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

1.3 Code/program the new vehicle equipment(s)

1.3.1 Press •F11" to return to the list of control units.
Select all control units by pressing •Ctrl A" . Press •F12" to continue.

1.3.2 Switch to the "Codings/adaptations" menu. Press •F12" to continue.
Select "Automatic coding" in the menu. Press •F12" to continue.

1.3.3 Wait until the message "Coding has been completed successfully" appears. Press •F12" to continue.
Switch to the "Overview" menu.

2 Concluding work

- 2.1 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'*
- 2.2 Switch off ignition and disconnect **9900 - PIWIS Tester 3**.
- 2.3 Disconnect the battery charger. ⇒ *Workshop Manual '2X00IN Battery trickle charge'*

91 93 23 40: –Apple CarPlay interface enabled–

Labor time: **77 TU**

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