

Sports Tailpipe – Dark Bronze (OP6)



Information

Models/vehicles not listed here are included in the supplements to the relevant EC type approval.



Information

Please give the customer a copy of the first pages of these Installation and Conversion Instructions, including the legal regulations.

Vehicle Type: **Panamera Turbo E-Hybrid / Panamera Turbo S E-Hybrid**
including associated **Executive** variants

Model Year: **As of 2024**

- Engine Types:
- **DVTA** (basic engine – TB5 / D3Y) = 4.0-liter V8 biturbo – 382 kW (519 hp) – System power: 500 kW (680 hp) ⇒ Panamera Turbo E-Hybrid
 - **DVTC** (basic engine – TB5 / M2I) = 4.0-liter V8 biturbo – 441 kW (599 hp) – System power: 575 kW (782 hp) ⇒ Panamera Turbo S E-Hybrid

Cause: **Installation**



Figure 1

Notes: The tailpipes for the standard exhaust system on the vehicles specified above can be replaced by new sports tailpipes in dark bronze (OP6). ⇒ Figure 1

The sports tailpipes are also available straight from the factory for new vehicles by requesting the relevant individual equipment.

Parts Info: **976.044.202.A** ⇒ Sports tailpipe – dark bronze, set

Parts List:



Figure 2

976.253.823.A	1 x	Sports tailpipe – dark bronze, outer left ⇒ Figure 2 -1-
976.253.823.B	1 x	Sports tailpipe – dark bronze, inner left ⇒ Figure 2 -2-
976.253.824.B	1 x	Sports tailpipe – dark bronze, inner right ⇒ Figure 2 -3-
976.253.824.A	1 x	Sports tailpipe – dark bronze, outer right ⇒ Figure 2 -4-
9A7.008.019.00	4 x	Countersunk screw M6 x 12 ⇒ Figure 2 -5-
N.903.425.02	4 x	Speed nut M6 x 19.5 x 18 ⇒ Figure 2 -6-



Information

ONLY in the event of repairs / replacement:

Items **WITH** / **WITHOUT** a part number in the parts list can be found / ordered from the Porsche Electronic Parts Catalogue = PET.

Pay attention to model year and vehicle equipment (I-no.) in the standard catalogue.

Tool: **P90999 - P90999 - PIWIS Tester 4**
Nr.90 Pos.1 - Torque wrench

Assembly: 1 Preparatory work

- 1.1 Drive the vehicle onto a lifting platform and connect a battery charger. ⇒ *Workshop Manual '2X00INC9 Battery trickle charging'*
- 1.2 Raise the vehicle. ⇒ *Workshop Manual '4X00INA2 Lifting the vehicle'*

CAUTION

Hot components

- Burns

⇒ **Allow hot components to cool down.**

⇒ **Wear personal protective equipment.**

- 1.3 Remove standard tailpipes. ⇒ *Workshop Manual '263519A1 Removing and installing tailpipe trim'*

2 Installing Sports tailpipe

- 2.1 Slide the new sports tailpipes onto the relevant back silencer stub pipes as far as the screw point and preassemble by installing a new M6 x 12 pan-head screw **hand-tight**.



Information

If the (sports) tailpipes have to be moved to the right or left (in Z direction), this can only be done using the transverse strut between the rear silencers.

- 2.2 Check that the gap = "Dimension Z" between the new sports tailpipes and exhaust system cover (rear bumper – left and right side of vehicle ⇒ *Figure 4 -Z-*) is symmetrically constant.

Dimension Z – symmetrical, constant all the way around with respect to exhaust system cover

Dimension X – equal projection (right side of vehicle)

Re-align sports tailpipes if necessary.



Information

The tailpipes are adjusted in X direction using the slots on the tailpipe cover.

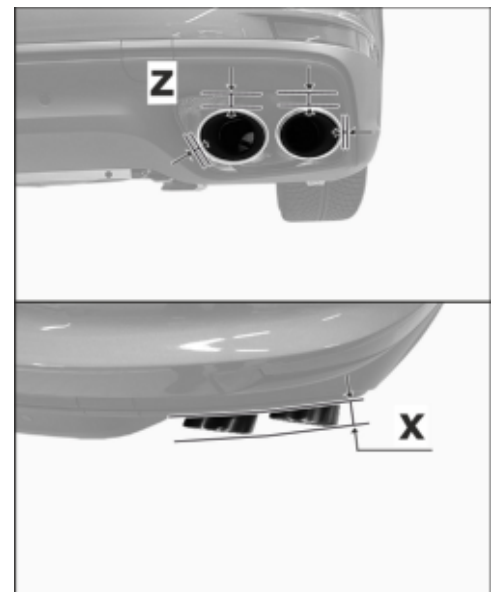


Figure 4

- 2.3 Check that the sports tailpipes have equal projection = "Dimension X" with respect to the rear body panel (left and right side of vehicle ⇒ *Figure 4 -X-*). Re-align sports tailpipes if necessary.

- 2.4 Tighten lens-head screw M6 x 12 on sports tailpipe cover.
Tightening torque 8 Nm (5.9 ftlb.) +/-1 Nm (0.7 ftlb.)

Coding: 3 Updating sports tailpipe (OP6) in vehicle data

NOTICE**Voltage drop**

- **Destruction of control unit**
 - **Damage to control unit**
 - **Fault entries in control unit**
 - **Control unit coding aborted**
 - **Malfunctions in the control unit, even during programming**
- ⇒ **Switch off the ignition and remove ignition key before disconnecting the control unit.**
- ⇒ **Make sure that the power supply is not interrupted during programming.**
- ⇒ **Connect a battery charger with a current rating of at least 90 A to the vehicle battery.**

3.1 Preparatory work – Coding

NOTICE

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

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

3.1.1 Connect **P90999 - P90999 - PIWIS Tester 4** to the vehicle and switch it on.

3.1.2 Switch on ignition **AND** hazard warning lights on the vehicle.

**Information**

The **PIWIS Tester** 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 additional information may appear on the **PIWIS Tester**.

3.1.3 Select the "Diagnostics" menu item on the PIWIS Tester.

3.1.4 If **P90999 - P90999 - PIWIS Tester 4** is connected correctly, a connection to the vehicle will be established: "Model series YA" is detected.

- 3.1.5 Press **F12** to go to the control unit search screen.
- 3.1.6 Question: "Should an FAP be created?" If "Yes", press **F12** to confirm.
- 3.1.7 Select "KD-FAP" in the next menu item and press **F8** to start.



Information

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

- 3.2 Enter the new vehicle equipment in the vehicle data using "PIWIS Online".
 - 3.2.1 Select the function "Maintenance of vehicle data with PIWIS ONLINE" in the "Model series-specific tests and campaigns" menu item.

A message appears informing you that the "Actual" (vehicle) data and "Required" (PIWIS Online) data will be synchronized.

Press **F12** to continue.
 - 3.2.2 Confirm information "The vehicle data was synchronized with PIWIS Online. Significant differences were found" by pressing **F12**.
 - 3.2.3 Look for the option "EXHAUST TAILPIPE" in the "Family" column.

Select "OP6 – SPORTS TAILPIPE COVERS DARK BRONZE" from the drop-down menu in the "Value" column. Press **F12** to continue
 - 3.2.4 A table containing the coding value and the columns "new value" and "old value" are displayed in the overview. Press **F8** to continue.
 - 3.2.5 Data is then written/saved. The following messages appear one after the other:
 - Vehicle data is being transferred to PIWIS Online.
 - Vehicle data is being written and transferred to the vehicle.
 - Vehicle order written successfully.
 - A check was performed in order to check whether control units have to be coded or programmed as a result of the changes made.
 - 3.2.6 Press **F10** to open the log. Check that the selected vehicle equipment has been entered and close the log.
- 3.3 Code/program the new vehicle equipment.
 - 3.3.1 Confirm the table containing a list of control units that must be coded/programmed by pressing **F12**.
 - 3.3.2 Individual data records will be loaded, depending on the number of control units to be coded/programmed.

Wait for information "Creating backup documentation. Please wait ..." and "Coding was completed successfully". Press **F12** to continue.

Repeat the process for other control units if necessary.

3.3.3 Wait for information "Adaptation of the control units is complete." and check the coding status of the control units in the displayed table.

Press **F12** to continue and return to the control unit overview.

3.4 Read out the fault memory of all systems, work through any existing faults and erase the fault memory. ⇒ *Workshop Manual '263519A1 Fault memory for on board diagnostics'*

4 Follow-up actions

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

4.2 Disconnect the battery charger. ⇒ *Workshop Manual '2X00INC9 Battery trickle charging'*

4.3 Drive the vehicle off the lifting platform.

26 35 32 00:

–Tailpipes (4 pcs) converted–

Labor time: **98 TU**

Includes: Remove the standard tailpipe (4 ea.), and install the new sports tailpipe (4 pcs).
Code new equipment in the vehicle data using PIWIS Tester.

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