Sports Tailpipe – Silver (0P3) / Black (0P6)

Vehicle Type: **Panamera / Panamera 4 / Panamera 4 E-Hybrid**
including related **Executive** and **Sport Turismo** variants

Model Year: **As of 2021**

Information: **Retrofitting**

Figure 1

Notes: The tailpipes for the standard exhaust system on the vehicles specified above can be replaced by new sports tailpipes in Silver chrome-plated look (0P3) or Black chrome-plated look (0P6) (⇒ *Figure 1*).

The sports tailpipes can be retrofitted worldwide.

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

Part Nos.:		
	971.044.206.A	⇒ Sports exhaust system – Silver chrome-plated, set
	971.044.206.B	⇒ Sports tailpipe, – black chrome-plated, set

Parts list:

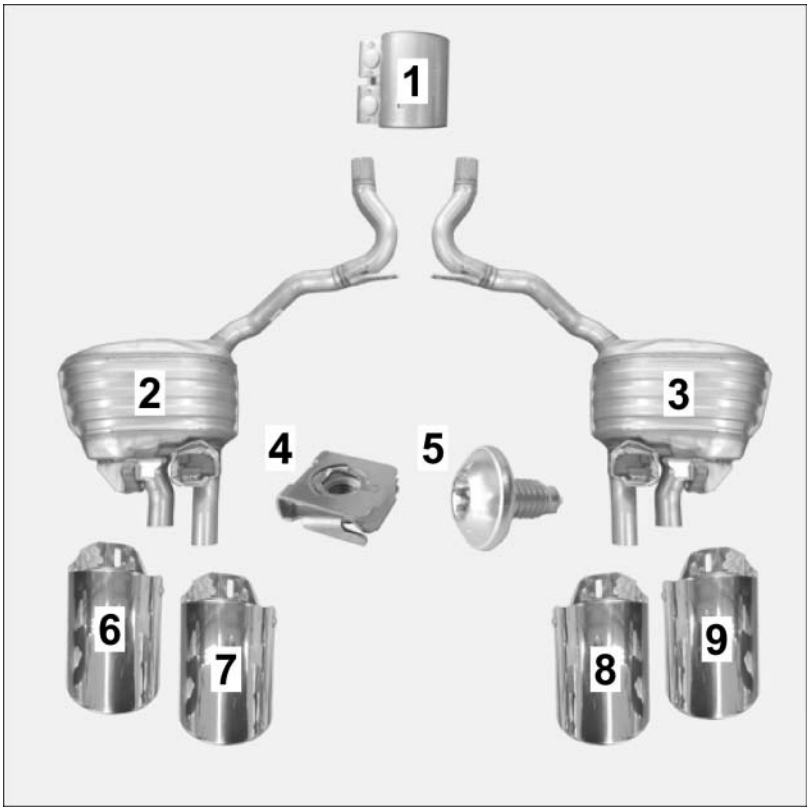

Figure 2

958.111.220.10	2 x	Clamping sleeve, ∅ 65 x 88 ⇒*Figure 2* **-1-**
971.253.607.AY	1 x	Rear silencer, left ⇒*Figure 2* **-2-**
971.253.608.AY	1 x	Rear silencer, right ⇒*Figure 2* **-3-**
N.903.425.02	4 x	Speed nut, M6 x 19.5 x 18 – VW602 49 ⇒*Figure 2* **-4-**
9A7.253.824.40	4 x	Countersunk screw, M6 x 12 PA ⇒*Figure 2* **-5-**
9A7.253.823.30[1]	1 x	Sports tailpipe, silver chrome-plated, outer left ⇒*Figure 2* **-6-**
9A7.253.823.35[1]	1 x	Sports tailpipe, silver chrome-plated, inner left ⇒*Figure 2* **-7-**
9A7.253.824.35[1]	1 x	Sports tailpipe, silver chrome-plated, inner right ⇒*Figure 2* **-8-**
9A7.253.824.30[1]	1 x	Sports tailpipe, silver chrome-plated, outer right ⇒*Figure 2* **-9-**
9A7.253.823.40[1]	1 x	Sports tailpipe, black chrome-plated, outer left (not shown)
9A7.253.823.45[1]	1 x	Sports tailpipe, black chrome-plated, inner left (not shown)
9A7.253.824.45[1]	1 x	Sports tailpipe, black chrome-plated, inner right (not shown)
9A7.253.824.40[1]	1 x	Sports tailpipe, black chrome-plated, outer right (not shown)

[1] **ONLY** contained in respective set!

Information

ONLY in the event of repairs/replacement:
Items **WITHOUT** a part number in the parts list can be found/ordered from the Porsche Electronic Parts Catalog = PET.

Check model year and vehicle equipment (I-no.) in the standard catalog!

Tools:

VAS 1783 - Torque wrench
VAS 6254 - Chain-type pipe cutters
VAS 6780 - Body saw
Flashlight
VAS 6254 - Ratchet-type pipe cutters
VAS 6931 - Engine and gearbox jack

Assembly:

1 Preparatory work

1.1 Drive the vehicle onto a lifting platform and connect a battery charger. ⇒ *Workshop Manual '2X00IN Battery trickle charge'*

1.2 Raise the vehicle. ⇒ *Workshop Manual '4X00IN Raising the vehicle'*

CAUTION

Hot components

- **Risk of burns**

⇒ **Let hot components cool down.**

⇒ **Wear personal protective gear.**

1.3 Remove standard tailpipes (⇒ *Figure 5 (Panamera Turbo)*). ⇒ *Workshop Manual '263519 Removing and installing tailpipe trim'*

1 – Standard tailpipes – right-hand side
2 – Lens-head screw, M6 x 12
3 – Speed nut, M6 x 19.5 x 18 – VW602 49

1.4 Remove rear silencer. ⇒ *Workshop Manual '263319 Removing and installing rear muffler'*

1.4.1 Remove rear underbody cover. ⇒ *Workshop Manual '519419 Removing and installing cover for rear underbody'*

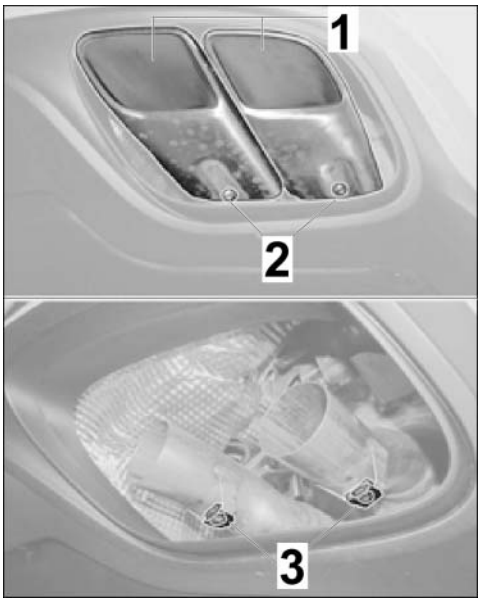

Figure 5 (Panamera Turbo)

1.4.2 Remove hexagon-head bolt M8 x 16 (2 x) on strut between the rear silencers (⇒*Figure 6* **-1-**) and remove strut.

1 – Installation position of strut
2 – Disconnection point
3 – **Body saw**
4 – Multiple-tooth countersunk screw, M8 x 20 (rear-end cross strut)

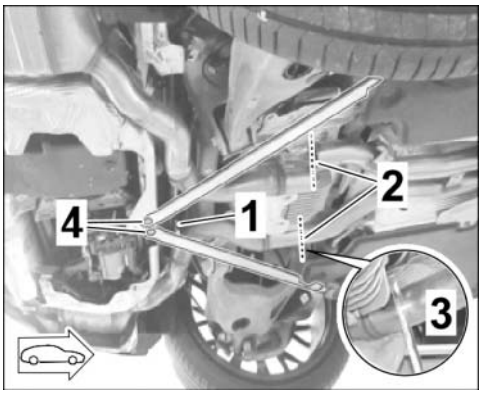

Figure 6

1.4.3 Cut rear silencer at the connection point (marking on underside) using pipe cutters or **body saw**.

1.4.4 Release and disconnect plug connection for exhaust flap actuator (rear silencer at the left/right).

1.4.5 Remove hexagon-head bolts M8 x 20 (2 x) on rear-end cross strut (⇒*Figure 6* **-4-**). ⇒*Workshop Manual '421319 Removing and installing rear-axle chassis subframe struts'*

Information

- Before the rear muffler is released, the exhaust system must be supported with a transmission jack or held by another person.

1.4.6 Remove hexagon-head bolt M8 x 16 on rear silencer holder at the rear (left/right).

1.4.7 Remove rear silencers (at the left/right).

1.4.8 De-burr cut on inside and outside of front silencer (⇒*Figure 7* **-Arrows-**).

If necessary, remove rust from front silencer exhaust pipe using suitable polishing agents and restore its round shape.

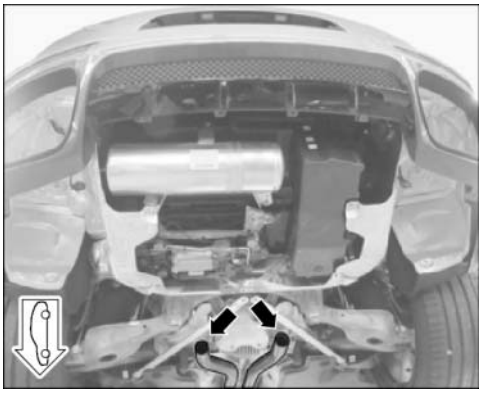
Figure 7

2 Install new rear silencers (left/right). ⇒*Workshop Manual '263319 Removing and installing rear muffler'*

2.1 Install clamping sleeve, ∅ 65 x 88 (2 x) on exhaust pipe for front silencer (left/right).

2.2 Install new speed nut M6 x 19.5 x 18 – VW602 49 (2 x) on holders on exhaust pipes of new rear silencers (left/right ⇒*Figure 8*).

1 – Speed nut, M6 x 19.5 x 18 – VW602 49

2 – Holder on rear silencer exhaust pipes (right)

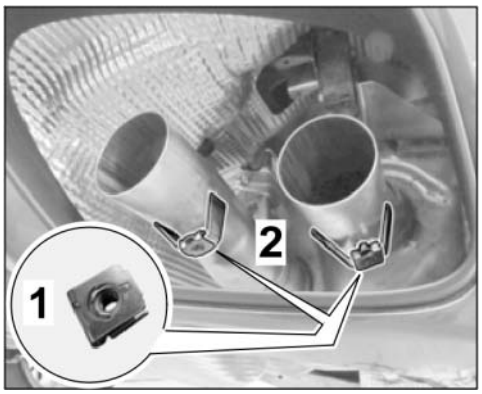

Figure 8

2.3 Lift new rear silencers (left/right) into installation position and secure to the body using a hexagon-head bolt M8 x 16 (1 x).

Tightening torque 23 Nm (17 ftlb.)

2.4 Connect plug connection for exhaust flap actuator (rear silencer at the left/right).

2.5 Align clamping sleeve ∅ 65 x 88 (2 x) on exhaust pipe on front silencer/rear silencer (at the left/right) so that the clamping sleeve is not touching/rubbing at any point (⇒*Figure 9*).

1 – Clamping sleeve

2 – Hexagon nut, M8

Tighten M8 hexagon nuts (2 x).
Tightening torque 33 Nm (24.3 ftlb.)

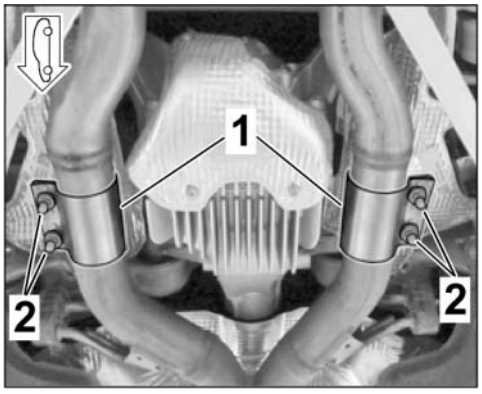

Figure 9

2.6 Tighten multiple-tooth countersunk screws M8 x 20 (2 x) on rear-end cross strut. ⇒ *Workshop Manual '421319 Removing and installing rear-axle chassis subframe struts'*

Tightening torque 20 Nm (14.8 ftlb.)

2.7 Loosely pre-install strut between the rear silencers using hexagon-head bolts M8 x 16 (2 x).

3 Install Sports tailpipe

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

Information

If the sports tailpipes have to be moved to the right or left, this can only be performed via the connecting strut between the rear mufflers (see also: ⇒*Workshop Manual '263319 Removing and installing rear muffler'*).

3.2 Check that the gap = “dimension Z” between the new sports tailpipes and exhaust system cover (rear bumper – left and right side of vehicle ⇒*Figure 10* **-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 in the tailpipe.

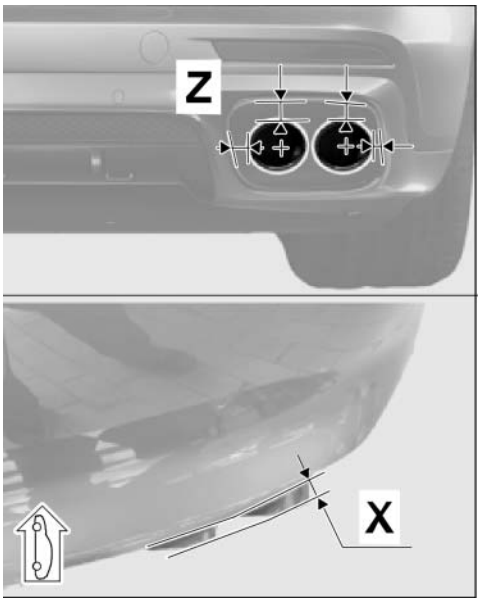

Figure 10

3.3 Check that the sports tailpipes have equal projection = “dimension X” with respect to the rear body panel (left and right side of vehicle ⇒*Figure 10* **-X-**). Re-align sports tailpipes if necessary.

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

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.**

Coding: 4 Entering the sports tailpipe (0P3 or 0P6) in the vehicle data

4.1 Preparatory work – Coding

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.**

4.1.1 Connect **9900 - PIWIS Tester 3** to the vehicle and switch it on.

4.1.2 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**.

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

4.1.4 If **9900 - PIWIS Tester 3** is connected correctly, a connection to the vehicle will be established: “971 model line” is detected.

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

Information

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

4.2 Enter the new vehicle equipment in the vehicle data using "PIWIS Online"

4.2.1 Select the function "Maintenance of vehicle data with PIWIS ONLINE" in the "Model line-specific tests and campaigns" menu item.

A message appears informing you that the “Actual” (vehicle) data and “Required” (PIWIS Online) data will be compared.

Press •F12 “ to continue.

4.2.2 Confirm the message “The vehicle data was compared with PIWIS Online. Significant differences were found” with •F12 “ .

4.2.3 Look for the option "EXHAUST TAILPIPE" in the "Family" column.

Select “0P3 – SPORTS TAILPIPE COVERS IN SILVER” or “0P6 – SPORTS TAILPIPE COVERS IN BLACK” from the drop-down menu in the “Value” column. Press •F12 “ to continue

4.2.4 A table containing the coding value and the columns “new value” and “old value” is displayed in the overview. Press •F8 “ to continue.

4.2.5 Data is then written/stored. The following messages appear one after the other:

- Transferring vehicle data to PIWIS Online.
- Writing and transferring vehicle data to the vehicle.
- Vehicle order was 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 that were made.

4.2.6 Press •F10 “ to open the log. Check that the selected vehicle equipment has been entered and close the log.

5 Code/program the new vehicle equipment.

5.1 Code/program the new vehicle equipment.

5.1.1 Confirm the table containing a list of control units that must be coded/programmed, by pressing •F12 “ .

5.1.2 Individual data records will be loaded, depending on the number of control units to be coded/programmed.

Wait until messages “Creating backup documentation. Please wait …” and await the message “Coding was completed successfully.”. Press •F12 “ to continue.

Repeat the process for other control units if necessary.

5.1.3 Wait for the “Adaptation of the control units is complete.” message and check the coding status of the control units in the table displayed.

Continue by pressing •F12 “ to return to the control unit overview.

5.2 Read out the fault memory of all systems, work through any existing faults, and erase the fault memory. ⇒*Workshop Manual '0X03IN Diagnostic maintenance: Diagnostic system and maintenance inter...'*

6 Concluding work

6.1 Switch off ignition and disconnect **9900 - PIWIS Tester 3**.

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

6.3 Drive the vehicle off the lifting platform.

26 35 32 05: –Tailpipes converted– Labor time: **187 TU**

Includes: Standard tailpipe (2 ea.) removed and new sports tailpipe (4 pcs) installed;
Remove standard rear silencer (2 ea.) and install new rear silencer (2 ea.);
Aligning new sports tailpipe (4 ea.) with respect to the rear apron;
Sports tailpipe (0P3 / 0P6) coded in the vehicle data using the PIWIS Tester.