



ASSEMBLY INSTRUCTIONS

TECHART Exhaust System "Sport"

Part-no. 092.310.650.009 Exhaust system "Sport" valve controlled, for 992



Version 04 – 12/2021



ASSEMBLY INSTRUCTIONS

TECHART Exhaust System "Sport"

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I Important safety information











All of the necessary work must be performed by qualified persons with an appropriate level of expertise.

	<div> WARNING</div> <p>Vehicle lifts with an insufficient lifting capacity can collapse under the weight of the vehicle and crush any persons standing underneath.</p> <p>Compare the weight of the vehicle with the lifting capacity of your vehicle lift. The weight of the vehicle must not exceed the lifting capacity of your vehicle lift. The weight of the vehicle can be found in the vehicle operating manual.</p>	
	<div> WARNING</div> <p>Risk of injury from electric current.</p> <p>Switch off the ignition and disconnect the battery when working on the vehicle electrical/electronic systems.</p>	
<div>   </div>	<div> WARNING</div> <p>Risk of fire and explosion igniting window cleaner and antifreeze agents and their vapors.</p> <p>Risk of poisoning by swallowing window cleaner and antifreeze agents and inhaling their vapors.</p> <p>Risk of injury due to irritation when window cleaner and anti-freeze agents come into contact with the eyes, mucous membrane and skin.</p> <p>Wear protective clothing and goggles. Keep open light, fire and sources of ignition away. Avoid contact with eyes, mucous membrane and skin. Do not eat, drink or smoke when handling window cleaner and anti-freeze agents. Do not inhale vapors, provide adequate ventilation. Only store the window cleaner and antifreeze agents in tightly closed original containers.</p>	<div>  </div> <div></div>



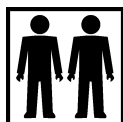
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 	<div data-bbox="655 376 959 432"> CAUTION</div> <p>Risk of injury from hands and arms being crushed, cut or lacerated when working with sharp-edged and bulky objects.</p> <p>Wear protective clothing and protective gloves. Keep limbs out of narrow and inaccessible areas of the vehicle and/or avoid dangerous situations by using special tools and suitable aids.</p>	 
	<div data-bbox="655 701 959 757"> CAUTION</div> <p>Risk of injury to back, muscles, joints, tendons and ligaments from lifting and carrying heavy and/or bulky objects.</p> <p>Lift and transport heavy and/or bulky objects with the help of other people and/or with suitable aids.</p>	
	<div data-bbox="304 981 592 1037">NOTICE</div> <p>Before starting the assembly procedure, carefully read the assembly instructions in full and pay attention to the safety information and sequence of the individual operation steps.</p>	
	<div data-bbox="304 1164 592 1220">NOTICE</div> <p>Prepare and paint all body components according to the supplied painting instructions.</p>	

II Preparation

Number of people required



At least two people are required to install this product.

Help and support

If you have any technical queries, please contact us immediately:
support@TECHART.de



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TECHART Exhaust System "Sport"

Check TECHART parts kit for completeness

Quantity	Part number	Part name
1	092.310.650.009	Exhaust system "Sport" valve controlled
Consisting of:		
1	092.310.650.100	Rear muffler
1	092.310.100.310	Control unit, valve-controlled incl. Wiring harness
2		Heat protection hose 20cm

Please use the table to check whether all of the required parts are present.

Once parts have been removed from their original packaging, ensure that they are properly handled and stored.



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III Installation

1 Prepare vehicle



Before starting work, check that the vehicle is free of defects. Use the PIWIS II system tester to read out all of the fault memories of the individual vehicle components and first rectify any faults displayed.

Please read the assembly instructions thoroughly and observe the specified procedure and instructions. Due to the technical complexity we recommend to let this installation to be carried out solely by an authorized partner. We can only grant guarantee if the installation has been done correctly according to the assembly instructions.

2 Preliminary work

2.1 Dismantle rear apron

- 1 Raise the vehicle at the factory-fitted jacking points.
- 2 Remove the rear wheels.
- 3 Turn the ignition on.
- 4 Extract the rear spoiler.
- 5 Turn the ignition off.
- 6 Disconnect the battery.



Fig. 01

Carrera

- 7 Dismantle the cover right and left (1).



Fig. 02

Turbo

- 8 Remove the screws below the rear spoiler.



Fig. 03

- 9 Remove the screws for the spoiler base frame.

- 10 Remove the base frame carefully over the spoiler supports.

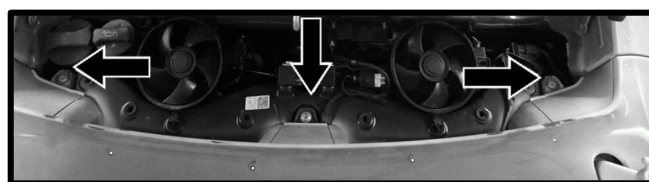


Fig. 04

All vehicles

- 11 Unscrew the strip lighting fixture (2), pull it out and separate both electrical connections.

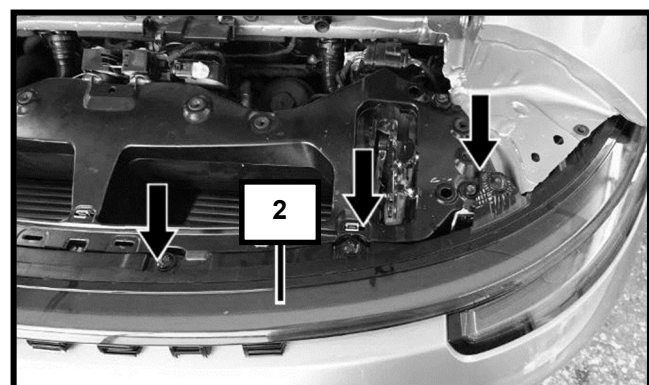


Fig. 05

- 12 Unscrew the taillight.

- 13 Unscrew the screws of the rear apron on the top.

- 14 Unscrew the screws of the rear apron in the wheel house.

- 15 Unscrew the screws of the rear apron on the bottom.

- 16 Separate the electrical connections of the rear apron in the area of the taillights.

- 17 Remove the rear apron towards the rear.

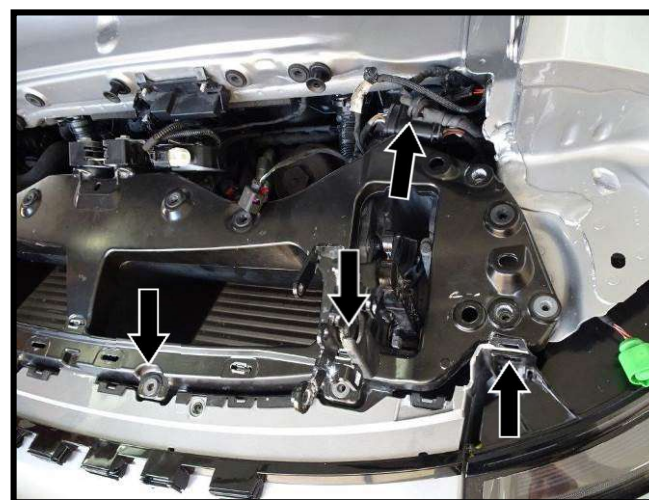


Fig. 06



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TECHART Exhaust System "Sport"

3 Install TECHART exhaust unit incl. wiring harness

3.1 Installation wiring harness

Coupé

- 1 Remove the rear linings in the inside.



Fig. 07

Cabriolet

- 2 First, set the convertible top into service position. Then unhinge the steel cable for the window.
- 5 To dismantle the lining use a wedge to lift the lid.



Fig. 08



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- 4 Unscrew the screws and dismantle the lining.



Fig. 09

- 5 Unhinge the carpet.



Fig. 10

- 6 Fold both backseats and remove the panel on the rear.



Fig. 11

Carrera

- 7 Separate the right plug from the spoiler control unit.



Fig. 12

- 8 Route the CAN-wiring harness of the control unit to the engine compartment.

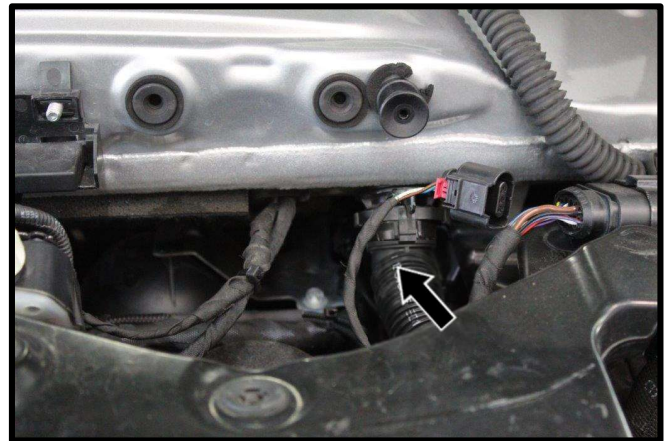


Fig. 13

Turbo

- 9 Turbo und Turbo S, spoiler control unit.

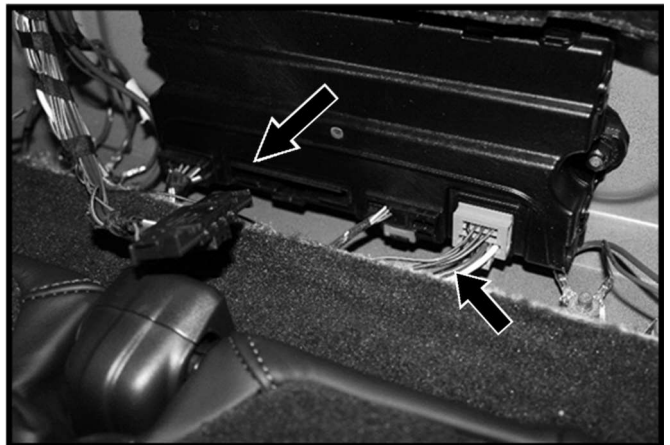


Fig. 14



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TECHART Exhaust System "Sport"

All vehicles

- 10 Connect the CAN-wiring harness by unpinning Pin 3 (Carrera) or Pin1 (Turbo & Turbo S) from the plug and pin in the orange-black cable of the TECHART wiring harness.
- 11 Insert the unpinned cable into the supplied plug to position PIN 1.
- 12 Also unpin PIN 4 (Carrera) or Pin 2 (Turbo & Turbo S) and insert the orange-brown cable of the TECHART wiring harness into the free pin shaft.
- 13 Finally insert the unpinned cable into the supplied plug to position PIN 2.
- 14 Please note the following chart which can be used on several TECHART products.
- 15 Please refer to the table below when using several auxiliary control units.

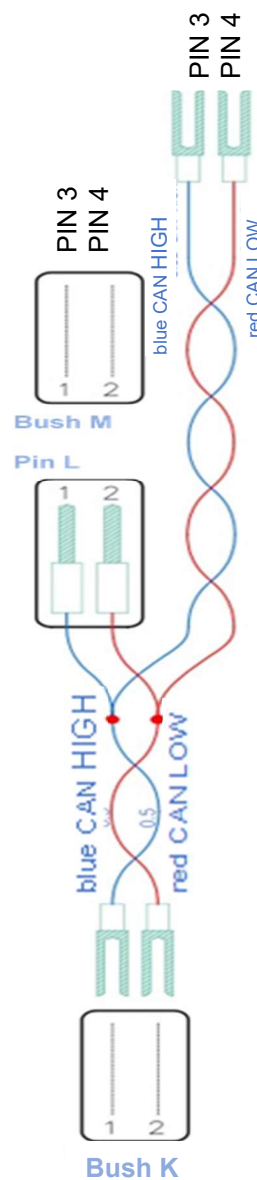


Fig. 15

	Carrera	Turbo & S	Techtronic	Exhaust valve	Rear spoiler
CAN HIGH	Pin 3	Pin 1	blue	orange black	green
CAN LOW	Pin 4	Pin 2	red	orange brown	brown



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- 16 Connect the brown cable of the TECHART wiring harness to the ground point at the body.
- 17 Pin the black cable of the TECHART wiring harness into a free place of the fuse carrier battery positive (permanent power supply) and insert the fuse A5.



Fig. 16

- 18 Lock the plug of the spoiler control unit again.
- 19 Connect the 2-pole TECHART plug with the TECHART wiring harness. Pay attention that the plug snaps in correctly.



Fig. 17



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TECHART Exhaust System "Sport"

3.2 Installation TECHART rear muffler

- 1 Dismantle air duct.

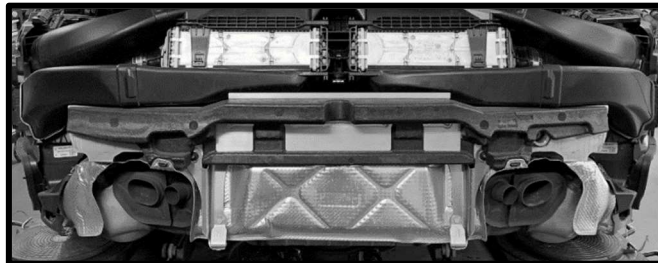


Fig. 18

- 2 Dismantle crossmember with heat protection.

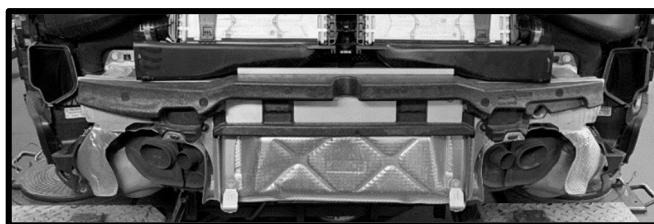


Fig. 19

- 3 Loosen the clamps of the exhaust unit and push towards the outer side of the vehicle.

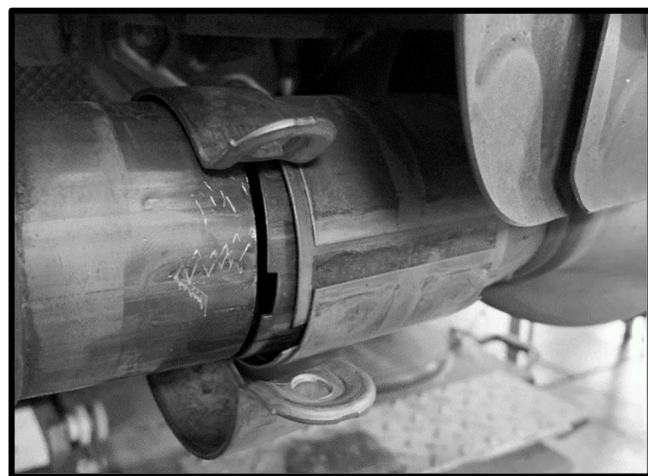


Fig. 20

- 4 Unplug both plugs of the exhaust unit (1) and loosen the straps at the exhaust muffler (2).

- 5 Remove the rear muffler.

- 6 Remove the straps. They are no longer needed.

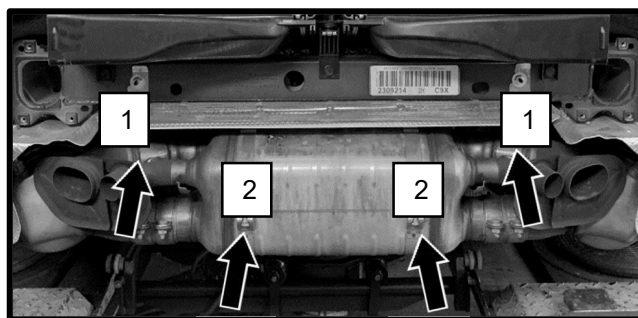


Fig. 21



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- 7 Route the wiring harness from the rear left to the right side and from there to exhaust unit below. Make sure that the cable is protected from rotating and hot parts and that it is fastened correctly.



Fig. 22

Carry out the following steps on both sides:

- 8 Pull the ventilation hose out of the guide.
- 9 Guide the end of the hose down through the gap.

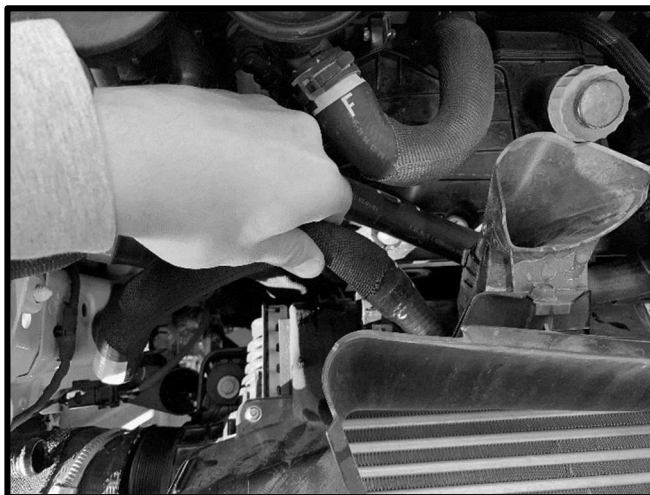


Fig. 23

- 10 Bring the corrugated pipe into shape as shown in the picture.
- 11 Connect the free end of the hose to the hose connector and the corrugated pipe.
- 12 It is not necessary to remove the funnel and the hose, but it may simplify the assembly.



Fig. 24



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13 Fasten the TECHART rear muffler with the clamps at the outlet of the catalytic converters.

14 Align the TECHART rear muffler in the center then tighten the clamps. Tightening torque 30Nm.

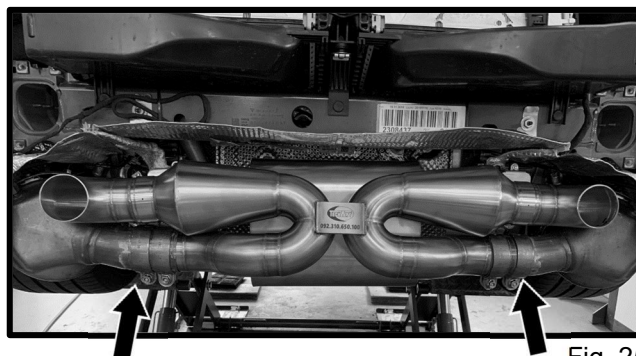


Fig. 25

15 Pull the heat protection over the cable which are routed to the exhaust flap.

16 Connect the TECHART wiring harness with both exhaust flaps at the TECHART rear muffler.

17 Tighten the lock of the plugs.

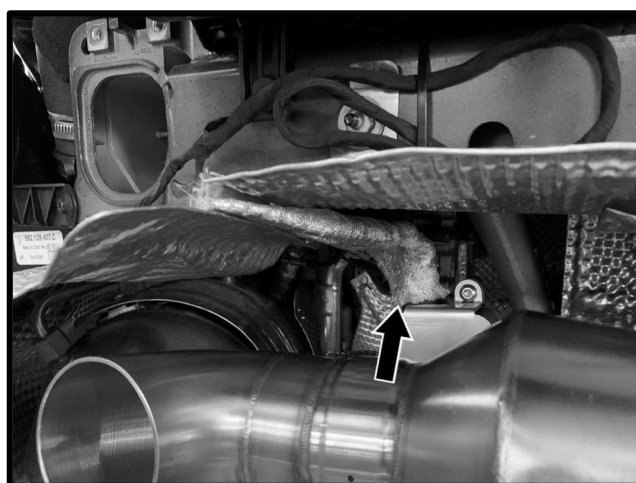


Fig. 26

18 Fasten the corrugated pipes with the enclosed stainless steel cable ties to the plugs together with the heat protection.

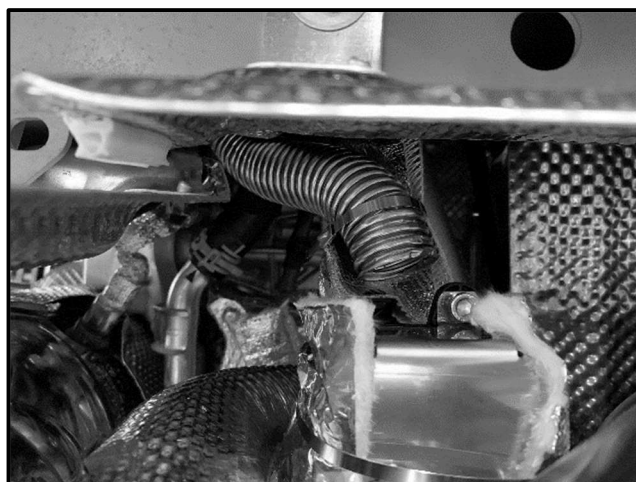


Fig. 27



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- 19 Fasten the muffler with the clamps on the original muffler.

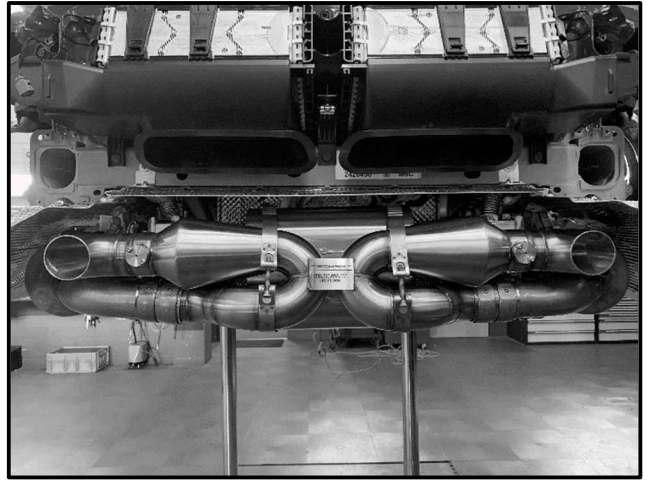


Fig. 28

- 20 Install the crossmember with the heat protection.
- 21 Connect the rear apron and the lamps electrically and install in reverse order.
- 22 Reconnect the battery.
- 23 Read out the fault memories and if necessary, rectify the faults displayed. After this complete the vehicle.
- 24 Start the vehicle and check the functions.
- 25 Reinstall the remaining parts in reverse order.



Fig. 29

- i** On standard mode the valve is working as in the original Porsche vehicle.
- i** The valve is always open in Sport and SportPlus mode.



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4 Final check

- 1 Perform a test drive and recheck the vehicles for any faults.
- 2 Perform a general function check on vehicle.



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TECHART Exhaust System "Sport"



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