



# ASSEMBLY INSTRUCTIONS

## TECHART Spring Set

Part-no. 092.200.100.009 for all Carrera

Version 01 – 06/2020





# ASSEMBLY INSTRUCTIONS

## TECHART Spring Set for 992 Carrera

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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.

	<p style="text-align: center;"> <b>WARNING</b></p> <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>	
	<p style="text-align: center;"> <b>WARNING</b></p> <p>Risk of injury from electric current.</p> <p>Switch off the ignition and disconnect the battery when working on the vehicle electrical/electronics systems.</p>	
   	<p style="text-align: center;"> <b>WARNING</b></p> <p>Risk of fire and explosion from ignition of windshield cleaning agents/antifreeze and their vapors.</p> <p>Risk of poisoning from ingesting windshield cleaning agents/antifreeze and breathing in their vapors.</p> <p>Risk of injury due to irritation caused by windshield cleaning agents/antifreeze coming into contact with eyes, skin and other parts of the body.</p> <p>Wear protective clothing and safety glasses. Avoid naked flames, fire and sources of ignition. Avoid contact with eyes, skin and other parts of the body. Do not eat, drink or smoke when handling windshield cleaning agents/antifreeze. Do not breathe in vapors and ensure adequate ventilation. Keep windshield cleaning agents/antifreeze only store them in sealable original containers.</p>	  
	  	



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 	<p style="text-align: center;"> <b>CAUTION</b></p> <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>	 
	<p style="text-align: center;"> <b>CAUTION</b></p> <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>	
	<p style="text-align: center;"><b>NOTICE</b></p> <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>	
	<p style="text-align: center;"><b>NOTICE</b></p> <p>All body parts must be prepared and painted in accordance with the attached painting guide.</p>	



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## TECHART Spring Set for 992 Carrera

### 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](mailto:support@techart.de)

Quantity	Part number	Part designation
1	092.200.200.009	TECHART spring set
Consisting of:		
2	092.200.120.200	Spring for FA 992
2	092.200.120.201	Spring for RA 992

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 Preparing vehicle

- 1 Before starting work, check that the vehicle is free of defects. Use the PIWIS system tester II to read out all of the fault memories of the individual vehicle components and first rectify any faults displayed.
- 2 Raise vehicle at the factory-fitted jacking points.

### 2 Dismantle and install springs FA

- 1 Dismantle front wheels.
- 2 Separate coupling bar and stabilizer.
- 3 Separate the electrical cable PASM.
- 4 Loosen the piston rod at the strut bearing (1) and unscrew.
- 5 Dismantle strut bearing (1).

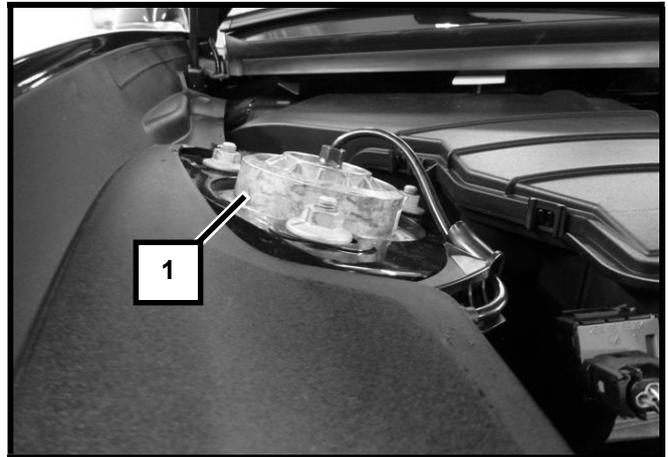


Fig. 01

### Suspension strut stays in the vehicle.

- 6 Turn out the spring through the hole in the body of the strut bearing (1).
- 7 Install in reverse order with the TECHART spring front axle (2).

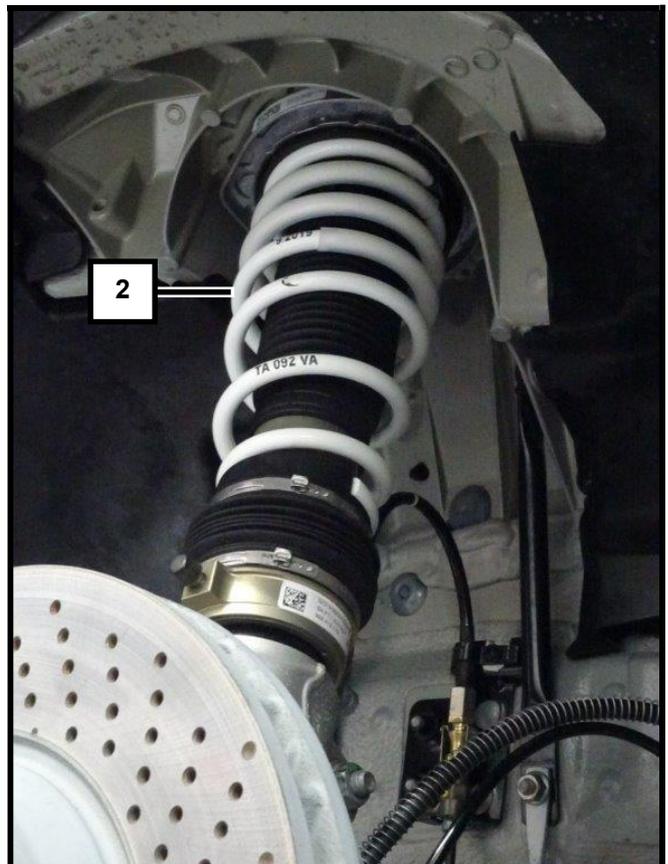


Fig. 02

### Original springs are no longer needed.

### 3 Dismantle and install springs RA

- 1 Detach the rear wheels.
- 2 Loosen the suspension strut (3) from the wheel carrier.
- 3 Loosen the suspension strut support bearing. For that dismantle the inner lining.
- 4 Separate the electrical cable PASM.
- 5 Remove the suspension strut.

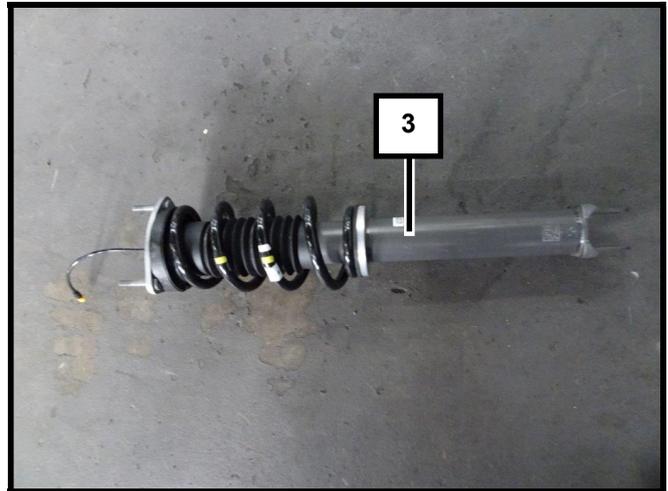


Fig. 03

- 6 Exchange the springs. For that stretch the spring with a spring compressor until the strut bearing is relieved. Then dismantle the strut bearing.
- 7 Snap in the bracket ring of the spring seat level at the rear axle damper into the center notch.
- 8 Mount the suspension strut in reverse order.

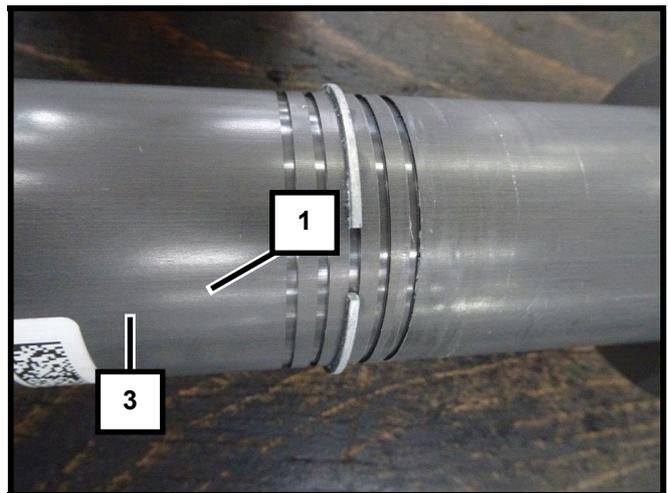


Fig. 04



# ASSEMBLY INSTRUCTIONS

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### 4 Fahrzeug vermessen

- 1 Due to the changed height the vehicle has to be aligned and if necessary, install the new vehicle's values. The chassis suspension alignment has to be performed according to the manufacturer's guidelines. The basis is provided by the standard settings of the manufacturer.
- 2 Program the height values at the PIWIS.

### 5 Final inspection

- 1 Perform a test drive.
- 2 Use the PIWIS system tester II to read out all of the fault memories of the individual vehicle components and rectify or erase any faults displayed.



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