



# ASSEMBLY INSTRUCTIONS

## TECHART Spring Set

Part-no. 092.200.140.009  
Part-no. 092.200.150.009

for Turbo and Turbo S with Sport Chassis  
for Turbo and Turbo S without Sport Chassis

Version 01 – 02/2021





# ASSEMBLY INSTRUCTIONS

## TECHART Spring Set for 992 Turbo

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## TECHART Spring Set for 992 Turbo

### 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/electronic 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>	



# ASSEMBLY INSTRUCTIONS

## TECHART Spring Set for 992 Turbo

## 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**

Quantity	Part number	Part designation
1	092.200.140.009	TECHART spring set for vehicles with sport chassis
Consisting of:		
2	TA 092T VA	Spring front axle
2	TA 092T HA	Spring rear axle
2	TA 092T ZHA	Helper spring rear axle

Quantity	Part number	Part designation
1	092.200.150.009	TECHART spring set for vehicles without sport chassis
Consisting of:		
2	TA 092TS VA	Spring front axle
2	TA 092TS HA	Spring rear axle

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.

### 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 FA springs

- 1 Dismantle front wheels and remove the inner wheel house.
- 2 Stabilize the wheel carrier.
- 3 Separate the electrical cable PASM.
- 4 Loosen the piston rod at the strut bearing (1) and unscrew.
- 5 Dismantle strut bearing (2).

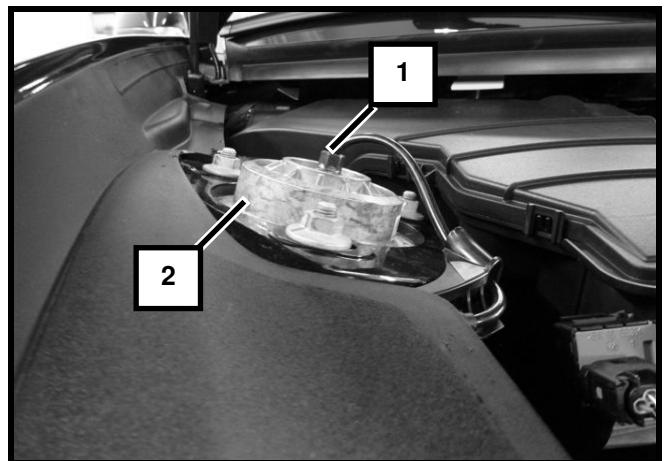


Fig. 01

- 6 Separate the coupling rod and the stabilizer.
- 7 Lower carefully the suspension strut.

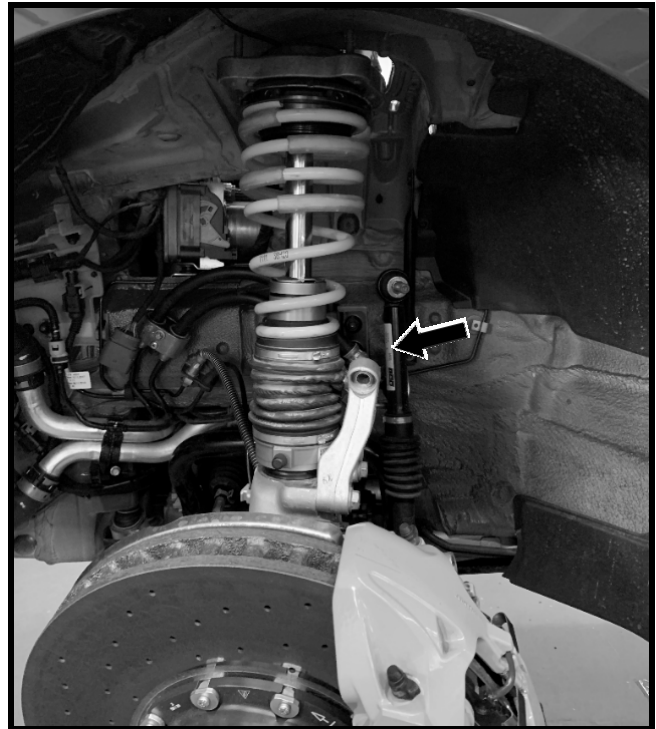


Fig. 02

 **Suspension strut stays in the vehicle.**

- 8 The strut bearing, the spring and the dust protection with deflection limiter are taken over.
- 9 Attach the TECHART spring TA 092T(S) VA.



Fig. 03



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- 10 Install the strut bearing (30Nm).
- 11 Tighten the piston rod at the strut bearing (70Nm).
- 12 Connect the cable for the PASM.
- 13 Connect the coupling bar (50Nm+50°).
- 14 Mount the wheels.





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## TECHART Spring Set for 992 Turbo

### 3 Dismantle and install RA springs

- 1 Detach the rear wheels.
- 2 Stabilize the wheel carrier.

#### Coupé

- 3 Dismantle the inner cover.



Fig. 04

#### Cabriolet

- 4 Open tailgate.
- 5 Remove the carpet or fold it to the side.

#### both

- 6 Loosen the strut connection.
- 7 Separate the electrical cable PASM.



Fig. 05

- 8 Loosen the lower fixing screws of the suspension strut and remove the suspension strut.
- 9 Stretch the spring with a spring compressor until the strut bearing is relieved. Then dismount the strut bearing.
- 10 The original dust protection and the deflection limiter are taken over.

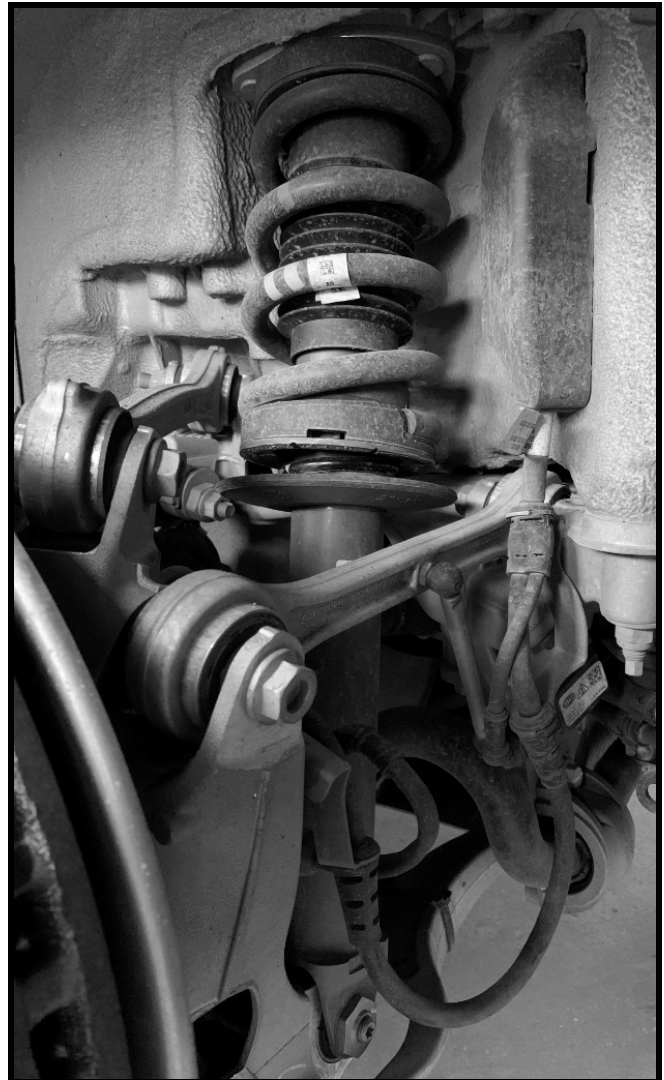


Fig. 06

### Only for vehicles with sport chassis:

- 11 Snap in the bracket ring (6) of the spring seat level at the rear axle damper (7) into the center notch.
- 12 Exchange the helper spring with the TECHART helper spring TA 092T ZHA.
- 13 Exchange the main spring with the TECHART spring TA 092T HA.
- 14 Reassemble the suspension strut.

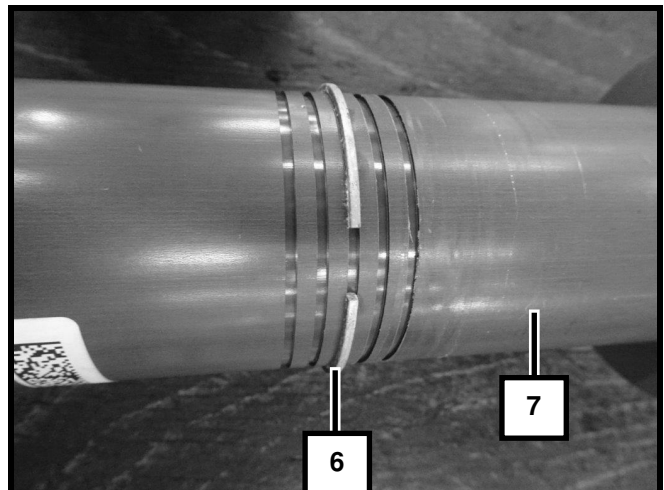


Fig. 07

### Only for vehicles without sport chassis

- 15 Snap in the bracket ring (6) of the spring seat level at the rear axle damper (7) into the 4th notch from the bottom.
- 16 Exchange the main spring with TECHART spring TA 092TS HA
- 17 Reassemble the suspension strut.

### alle

- 18 Mount the strut bearing to the piston rod (35Nm).
- 19 Connect the electrical cable PASM.
- 20 Tighten the suspension strut support bearing (30Nm).
- 21 Fasten the suspension strut at the wheel carrier (110Nm).
- 22 Mount the wheels.
- 23 Lower the vehicle and deflect.

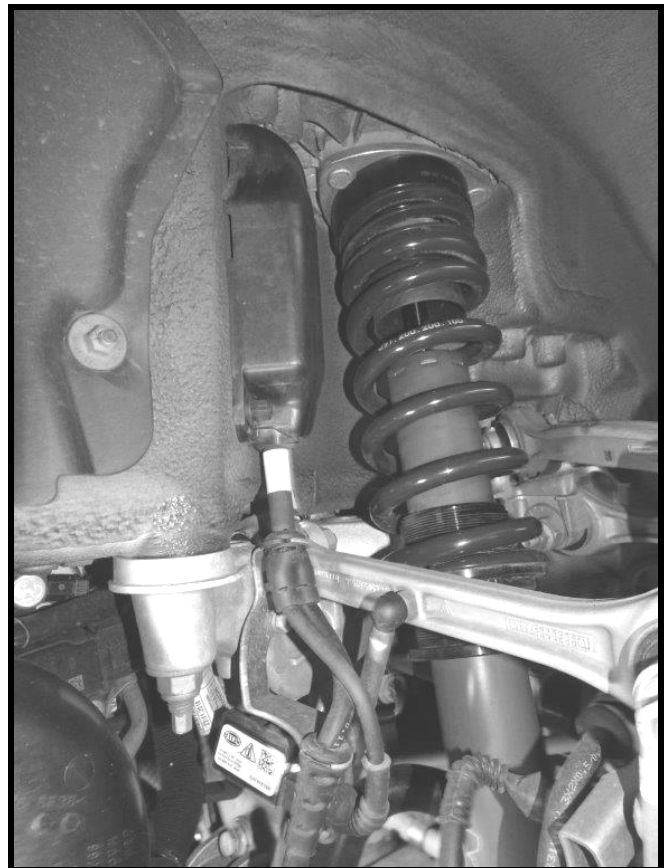


Fig. 08



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### 4 Suspension alignment

- 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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**TECHART Spring Set for 992 Turbo**

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