

# ASSEMBLY INSTRUCTIONS

## TECHART Roll-Bar

Art-Nr.092.460.510.009 Roll-Bar for 992 Coupé

Version 02 - 01/2023



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**I Important safety information**

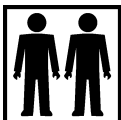
All of the necessary work must be performed by qualified persons with an appropriate level of expertise.

	<div data-bbox="647 562 954 622" data-label="Section-Header">  <b>WARNING</b> </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 data-bbox="647 860 954 920" data-label="Section-Header">  <b>WARNING</b> </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 data-bbox="647 1146 954 1207" data-label="Section-Header">  <b>WARNING</b> </div> <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> <div data-bbox="587 1688 1090 1823">    </div>	  

 	<div data-bbox="647 371 952 434" style="text-align: center;"> <b>CAUTION</b></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="647 703 952 766" style="text-align: center;"> <b>CAUTION</b></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="296 1005 584 1061" style="text-align: center;"><b>NOTICE</b></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="296 1189 584 1245" style="text-align: center;"><b>NOTICE</b></div> <p>All body parts must be prepared and painted in accordance with the attached painting guide.</p>	

## II Preparation

### Number of people required



For the installation of this product at least one person is needed.

### Help and support

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

**Check TECHART roll-bar parts kit for completeness**

Quantity	Part number	Part designation
1	092.460.510.009	Roll-bar
Consisting of:		
1	092.460.510.990	Accessory kit roll-bar
2	001900M10X25912109	Cylinder head screw M10x25, galvanized 10.9
8	001900M10X25129	Cylinder head screw with flange M10x25, black 12.9
2	001900M12X60912109	Cylinder head screw M12x60, galvanized 10.9
6	PAF003923	Hexagon nut
1	992813543YGRV	Connecting part
1	992813544YGRV	Connecting part

**Part-Set options for TECHART Roll-bar**

<b>1</b>	<b>+92.460.510.100</b>	<b>V01: Roll-bar black matt</b>
Consisting of:		
1	092.460.510.100	Roll-bar black matt

or

<b>1</b>	<b>+92.460.510.100RT</b>	<b>V01: Roll-bar paintable</b>
Consisting of:		
1	092.460.510.100RT	Roll-bar paintable


<b>1</b>	<b>+92.460.510.200</b>	<b>V02: Conversion kit, if the rear seat bench is omitted</b>
Consisting of:		
1	9GT863051COX7	Cover black
2	000401100100	Felt pad, black, self-adhesive

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 Prepare vehicle

 Before starting work, check that the vehicle is in perfect operating condition. To do this, use the PIWIS system tester to read out all the fault memories for the individual vehicle components and rectify the faults that are displayed first.

 Work on the airbag may only be carried out by trained personnel.  
The safety regulations for handling airbags must be observed.

Proceed according to the specifications in the manufacturer's workshop manual.

 Make sure the key is not in the ignition.  
Disconnect the battery from the vehicle professionally according to the manufacturer's specifications.

 Be sure to follow the TECHART assembly instructions.



## 2 Remove the seat from the vehicle

- 1 Loosen the 4 screws on the seat rail and dismantle the belt connection on the seat or sill.



Fig. 01

- 2 Unlock the yellow connector located under the seat.
- 3 The seat rail is removed together with the seat.



Fig. 02

**3 Remove rear seat from vehicle (if equipped)**

- 1 Dismantle the lower back support at the Isofix connection towards the front/up (hooked and fastened).



Fig. 03

- 2 Unclip the cover of the seat belt whip by reaching under the panel and pulling up the cover.



Fig. 04



- 3 Release the buckle stalk by loosening the screw and carefully unplugging the connector.



Fig. 05

- 4 Reach under the center of the seat cushion and remove it.



Fig. 06

- 5 Loosen the panel in the middle of the rear seats by levering out the rear part with a screwdriver.



Fig. 07

- 6 Fold the rear seat backrests forward to pull the bracket out backwards.
- 7 The seat can then be removed.



Fig. 08

- 8 Loosen the left and right screws for the rear seat attachments.

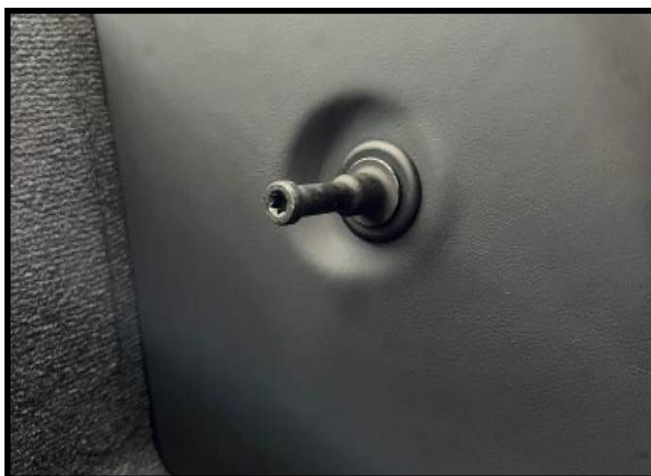


Fig. 09

- 9 Cover the holes with the enclosed pads.

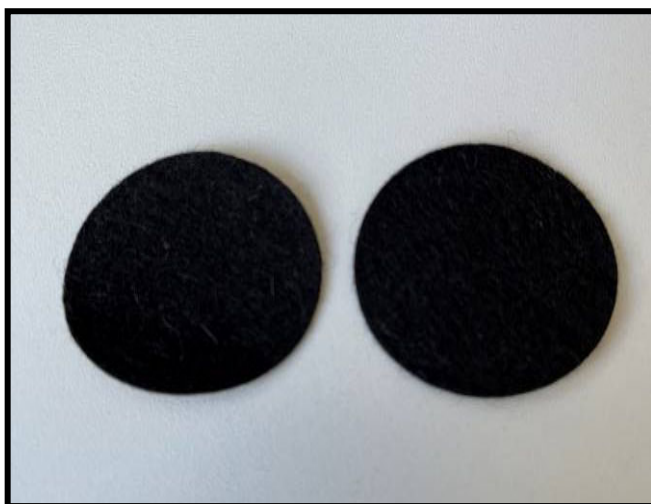


Fig. 10

**4 Interior disassembly**

- 1 Dismantle the rear carpet, which is clipped, hooked and tucked in (for vehicles without a rear seat).
- 2 Then the B and C pillar trim must be removed. The rear side paneling (clipped) and the parcel shelf (inserted) are dismantled afterwards.



**5 Assembling the consoles for the main bar**

- 1 Dismantle the cable duct from the original position, remove the cable ties and expose the cable harness.

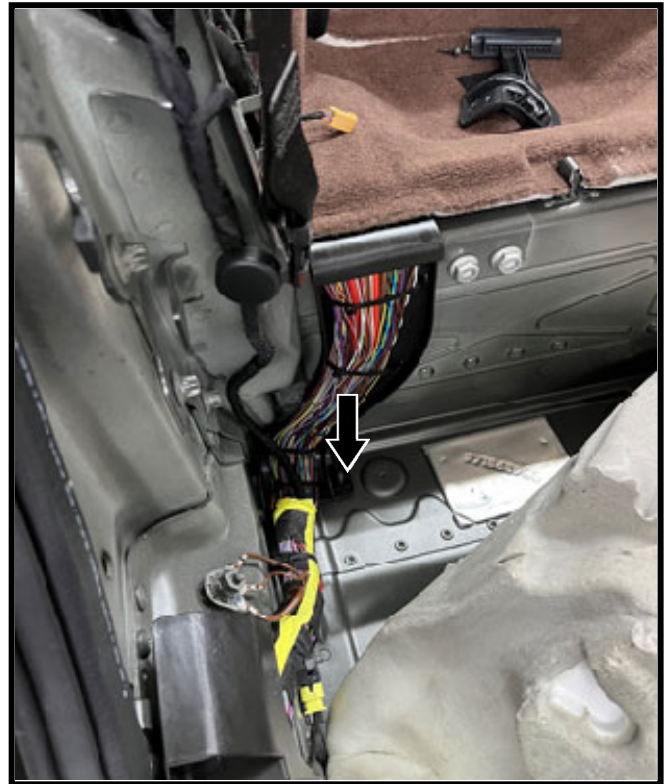


Fig. 11

- 2 Remove the belt from the bracket by carefully loosening the screw.
- 3 Detach the belt tensioners from the console.
- 4 Remove the console and mount the enclosed console with the welded-on adapter according to the manufacturer's specifications.



Fig. 12

- 5 Cut the cable duct as shown in the picture. Install the trimmed cable duct in its new position. Insulate the exposed cables up to the beginning of the exposed cable duct.
- 6 The belt tensioner is then reinstalled according to the manufacturer's specifications.



Fig. 13



## 6 Trimming of the interior components

- 1 Trim the styrofoam at your own discretion, see before (above in the picture) and after (below in the picture).

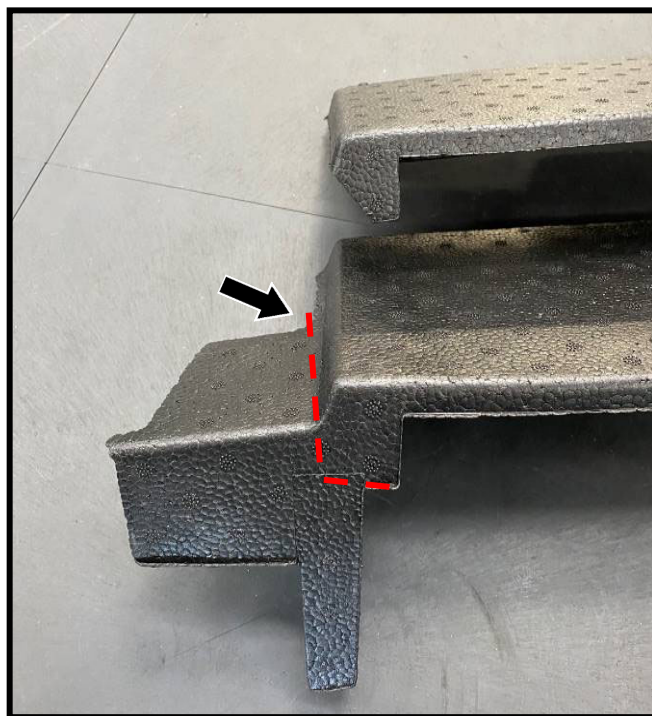


Fig. 14

- 2 Trim the rear shelf on both sides using the appropriate template (see picture).
- 3 Trim the carpet at the back using the appropriate template. This is positioned on the appropriate contour on the rear side panel.

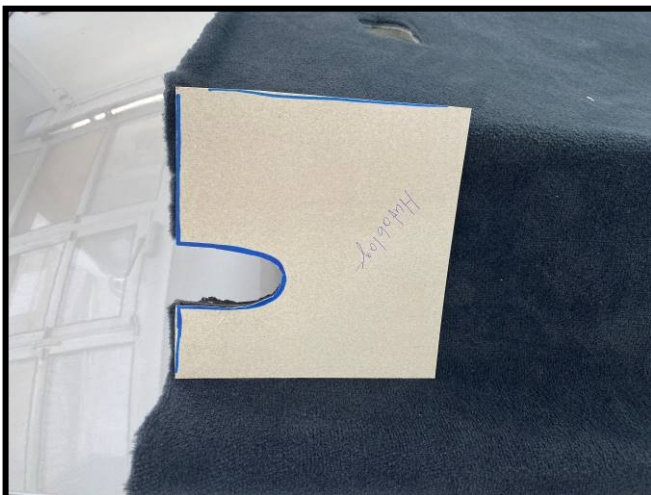


Fig. 15

## **7 Installing the TECHART roll bar**

- 1 The base is inserted into the left spring strut dome and the screws are fastened by hand. Use new nuts when screwing on the dome bearing.
- 2 Pre-assembly of the rear strut – tighten the screws on the dome bearing by hand.
- 3 Use the main bar as an aid to aligning the rear strut and hand-tighten the screws – first screw the upper cone connections and then tighten the screws of the base-to-rear strut flange connection by hand. (Apply carefully so as not to damage the headlining).
- 4 Shake the bracket to prevent any pretension.



Fig. 16

- 5 Tighten the rear strut to base flange connection to 70 Nm. Then tighten the nuts on both top mounts with 33 Nm.

- 6 Remove the main bar again to mount the rear side paneling (clipped) and parcel shelf (plugged in).
- 7 Then reinstall the main bar and tighten the cone connections at the top with 120 Nm.
- 8 Tighten the lower main bar screws to 70 Nm.
- 9 Finally, the carpet is installed at the back.

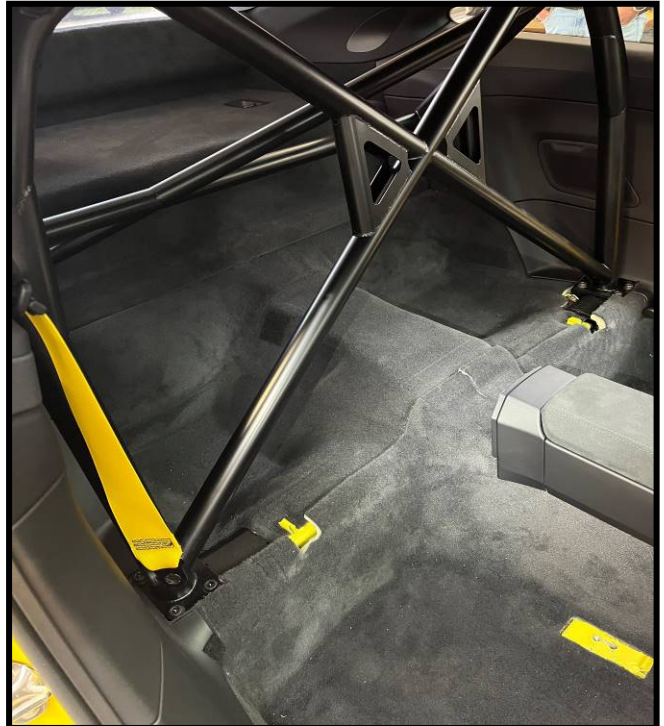


Fig. 17

The TECHART roll-bar is removed in the reverse order of assembly.



**When assembling, make sure that all plug connections engage securely. Observe tightening torques!**

## 8 Tightening torques

Application Site	Tightening Torque
Lower screws main bar	70 Nm
Screws cone connection main bar	120 Nm
Flange connection rear	70 Nm
Bolting dome bearing	33 Nm

TECHART

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