

ASSEMBLY INSTRUCTIONS

TECHART Front Spoiler I

Part-no. 09J.121.101.009 for 9J1 Taycan Cross Turismo as of MY21

















Version 01 – 02/2022









Contents

I	Important safety information	3
II	Preparation	4
III	Component identification	8
1	Inner component identification	8
2	Outer component identification	8
3	Label for proof of installation	9
IV	Paintwork	10
1	Material of the component	10
2	Component identification	10
3	Adhesive tape and mounting fixtures.....	10
V	Installation	11
1	Prepare vehicle	11
2	Exchange the original grille and bracket.....	14
3	Prepare TECHART front spoiler	15
4	Install TECHART front spoiler.....	18

I Important safety information

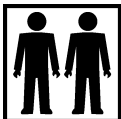
All of the necessary work must be performed by qualified persons with an appropriate level of expertise.

	<p style="text-align: center;">⚠ WARNING</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;">⚠ WARNING</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;">⚠ WARNING</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> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;">    </div>	  

 	<p style="text-align: center;">CAUTION</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;">CAUTION</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;">NOTICE</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;">NOTICE</p> <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 two persons are needed.

Help and support

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

Check TECHART front spoiler I parts kit for completeness

Quantity	Part number	Part designation
1	09J.121.101.009	Front spoiler I
Consisting of:		
1	09J.100.101.990	Accessory kit front spoiler
Consisting of:		
1	000910219252T	Betaprime 5404, 15ml
13	000590501103035	Expanding rivet, plastic (5.5-6.4mm)
2	00091089010031	Bond + Seal, black, tube 70 ml
1	09J100100200	Holder, 6 parts
7	000100999999	Collar screw for plastic PT 50 x 16 pointed
6	000100999991	Clip for aero parts
1m	0009213M99639	Double-sided adhesive tape, width 15mm
1m	0009213M99553	Double-sided adhesive tape, width 12mm
5m	0009213M99910	Double-sided adhesive tape, width 9mm
3	000100GEM3	M3 Threaded inserts /drive-in nuts
3	000900M3X10965A2TX	Countersunk head screw DIN 965 A2 M3X10 TORX

and

1	+9J.121.100.CCC	V01: Front spoiler in custom color
Consisting of:		
1	09J.121.100.100	Front spoiler paintable
1	09J.108.100.998	Paint front spoiler
1	09J.140.100.100G	Set of stone protection foil front spoiler glossy

or

1	+9J.121.100.001	V01: Front spoiler paintable
Consisting of:		
1	09J.121.100.100	Front spoiler paintable
1	09J.140.100.100G	Set of stone protection foil front spoiler glossy

or

1	+9J.121.100.002	V01: Front spoiler glossy
Consisting of:		
1	09J.121.100.100G	Front spoiler in visible carbon glossy
1	09J.140.100.100G	Set of stone protection foil front spoiler glossy

ASSEMBLY INSTRUCTIONS**TECHART Front Spoiler I for 9J1 Taycan**

or

1		+9J.121.100.003	V01: Front spoiler matt
Consisting of:			
	1	09J.121.100.100M	Front spoiler in visible carbon matt
	1	09J.140.100.100M	Set of stone protection foil front spoiler matt

and

1		+9J.100.100.CCC	V02: Splitter in custom color
Consisting of:			
	1	09J.100.100.110	Splitter
	1	09J.108.102.998	Paint splitter

or

1		+9J.100.100.001	V02: Splitter in black glossy
Consisting of:			
	1	09J.100.100.110	Splitter

and

1		+9J.100.130.CCC	V03: Clasp in custom color for vehicles without camera system
Consisting of:			
	1	09J.100.100.130	Clasp, without front camera
	1	09J.108.101.998	Paint clasp, 3 parts.

or

1		+9J.100.130.001	V03: Clasp in black glossy for vehicles without camera system
Consisting of:			
	1	09J.100.100.130	Clasp, without front camera

or

1		+9J.100.140.CCC	V03: Clasp in custom color for vehicles with camera system
Consisting of:			
	1	09J.100.100.140	Clasp, with front camera
	1	09J.108.101.998	Paint clasp, 3 parts

ASSEMBLY INSTRUCTIONS**TECHART Front Spoiler I for 9J1 Taycan**

or

1		+9J.100.140.001	V03: Clasp in black glossy for vehicles with camera system
Consisting of:			
	1	09J.100.100.140	Clasp, with front camera

optional

1		+9J100100050	V04: Front spoiler conversion kit
Consisting of:			
	1	9J1807683AOK1	Grille
	1	9J1807591	Bracket
	1	9J1807592	Bracket

1		+9J100280001	V05: Add-on front spoiler L/R black glossy
Consisting of:			
	1	09J100280101	Add-on front spoiler L
	1	09J100280100	Add-on front spoiler R
	1	09J108280998	Paint Add-on front spoiler L//R, 2 parts

1		+9J100280000	V05: Add-on front spoiler L/R black structure
Consisting of:			
	1	09J100280101	Add-on front spoiler L
	1	09J100280100	Add-on front spoiler R

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 Component identification

1 Inner component identification

- i** The inner component designations applied by TECHART must be masked off before painting. These are decisive to TECHART-Support for possible component tracking, complaints or in the event of damage.

- 1 Internal component markings can either be applied directly to the component in the tool or glued in as a label.



Fig. 01

2 Outer component identification

- i** The external component designations applied by TECHART must be masked off before painting. If the external component markings are no longer visible, the component certificate may lose its validity.

- 1 External component identifications are usually attached to the underside of the component in the non-visible area. These can be used as evidence at a traffic control or a technical service since this is a registered TECHART part.



Fig. 02

3 Label for proof of installation

i The labels supplied by TECHART to prove that a TECHART part has been installed must be attached as described below. If the label is not stuck to the car when the TECHART component is installed, the component certificate may lose its validity. Affects components that have no external component identification.

- 1 Labels of a component mounted on the vehicle in front of the B-pillar must be stuck on the inside of the left B-pillar, visible from the front.
- 2 If the component is attached behind the B-pillar, the label is stuck on the inside of the left B-pillar, visible from the rear (see Fig. 03).



Fig. 03

IV Paintwork

1 Material of the component



It is important that the paintwork matches to the surface which will be painted

- 1 Before painting, the material to be painted can be read from the inner component identification.

2 Component identification



All internal and external component identifications must be masked off before painting. These must still be readable after painting in custom color.

- 1 The last layer of clear lacquer can then be applied over the entire surface of the component, in this way deep edges around component identifications can be avoided.

3 Adhesive tape and mounting fixtures



The body tape applied by TECHART is used for later assembly and must be protected over the entire surface before painting.

- 1 The edges of the adhesive body tape must also be free of paint in order not to impair the elasticity of the tape.
- 2 Drilled holes made at the factory that will later be used for screws or rivets may have to be re-drilled to the nominal size depending on the amount of paint.

V Installation**1 Prepare vehicle**

- 1 Raise the vehicle to the highest position (Lift).
- 2 Confirm the jack mode under "Vehicle Settings / Chassis".



Fig. 04

i Drive the car on the lifting platform at this point in order to allow as good access to the underbody as possible.

- 3 Since the original front apron has to be dismantled, TECHART recommends dismantling the front wheels.
- 4 Remove all screws in the front underbody area so that the splash guard and the front spoiler are released.
- 5 Also loosen the screw connections in the front wheel housing and pull the wheel housing liner backwards and fix it. Optionally, this can be removed completely.
- 6 Remove the front splash guard (1).



Fig. 05

- 7 Remove the front cover by pulling it out.



Fig. 06

- 8 Then dismantle the paneling under the hood by unclipping it and remove the upper screws from the front apron.

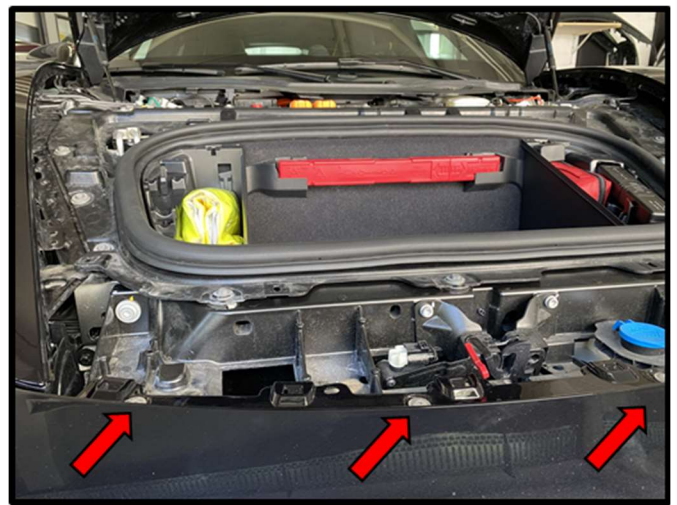


Fig. 07

- 9 Take all plugs out of the holder on the left and right-hand side in the front wheel arch, release and pull out by operating the mechanism. The best way to do this is by using a small screwdriver.
- 10 Remove the body screws on the left and right in the front wheel arch below the turn signal, so that the front apron should be completely loosened.

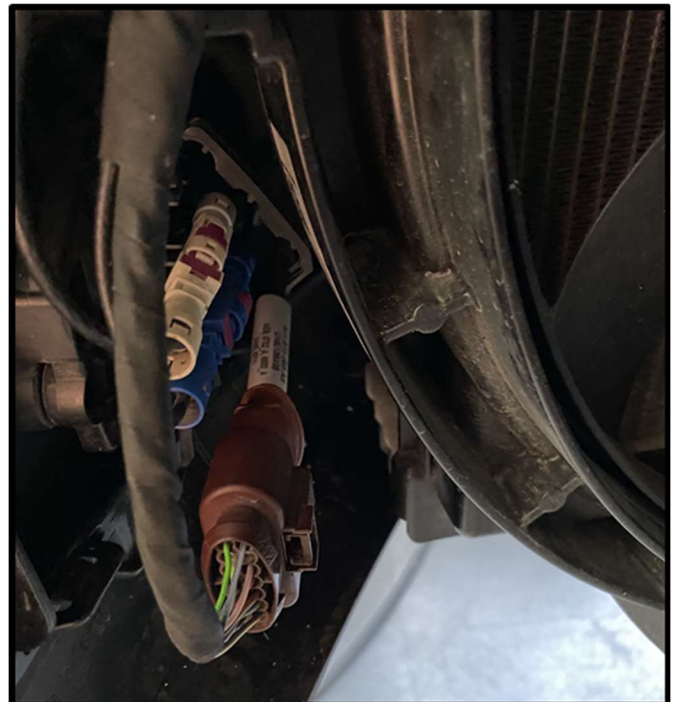


Fig. 08

- 11 Place the front apron on a soft surface so that it is accessible from the inside so that the paint won't get scratched.
- 12 Dismantle the units of the active louvers, to do this loosen the screws all around and unclip the cabling so that the louver frames can be turned upwards.

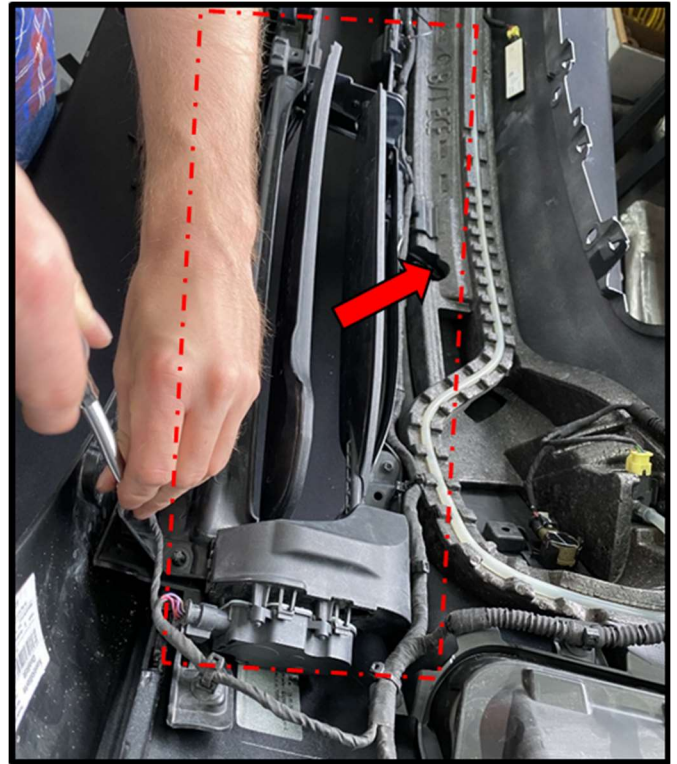


Fig. 09

- 13 Then unclip and remove the original front spoiler. This works best if the clip connections are loosened one after the other from the outside to the inside and the front spoiler is pulled off piece by piece.

2 Exchange the original grille and brackets

i The following processing must be carried out so that the TECHART front spoiler can be mounted on the front apron of the Taycan Cross Turismo.

- 1 Replace the parts contained in the conversion kit of the front apron according to the manufacturer's instructions.
- 2 The parts included in the conversion kit are original parts, these can also be ordered by the customer.

3 Prepare TECHART front spoiler

i The TECHART front spoiler does not have any pre-prepared adhesive surfaces, so it must be fitted with the supplied tape after it has been completely painted as described below.

- 1 The tape with a width of 9 mm must be placed around the component seat of the splitter. The tape must be attached as shown in the following figure. It is important to ensure that the tape is attached without creases and that it is pressed on for at least 20 seconds

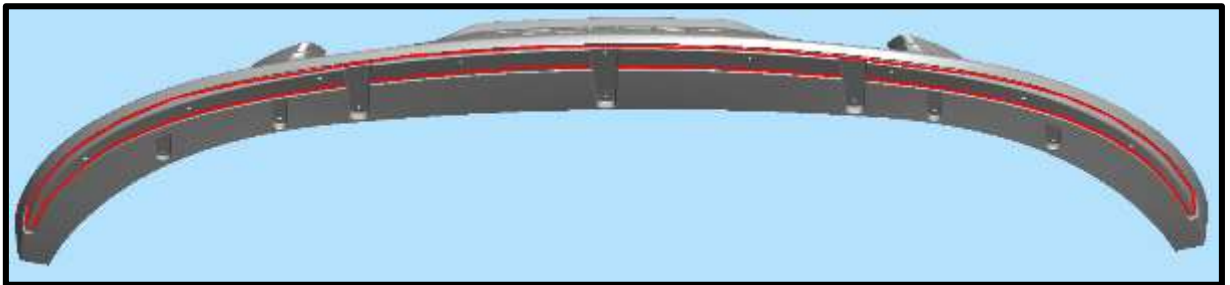


Fig. 10

- 2 In the area of the clasp on the left and right, the tape with a thickness of 1.1 mm and a width of 12 mm is applied as shown below. It is important to ensure that the tape is applied without creases and placed in one piece around the contour.

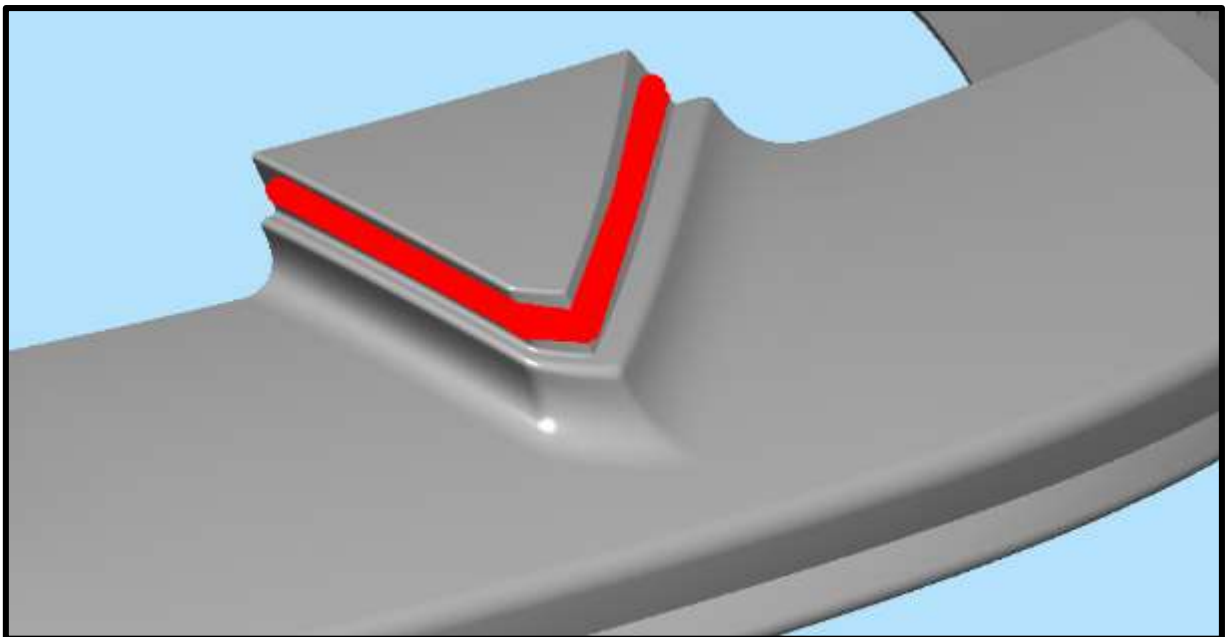


Fig. 11

- 3 The lower edge and support of the front spoiler on the original grille must be covered with two pieces of tape (1.5 mm thickness and 15 mm width) on the right and left. See the following figure.

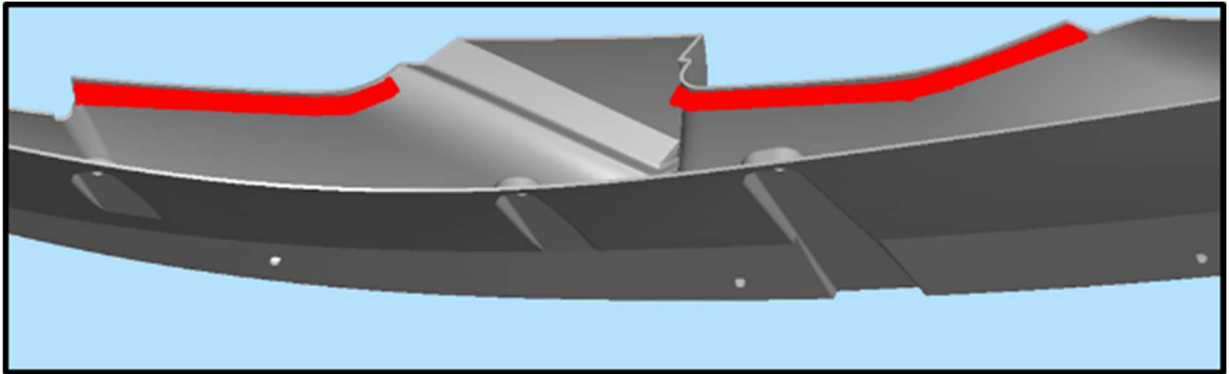


Fig. 12

- 4 Hold the add-ons on the face of the wheel house ends and transfer the screw point to the carbon part.
- 5 Drill through the marked area with a 4.2 mm drill bit and press the drive-in nuts supplied into the hole from the rear.

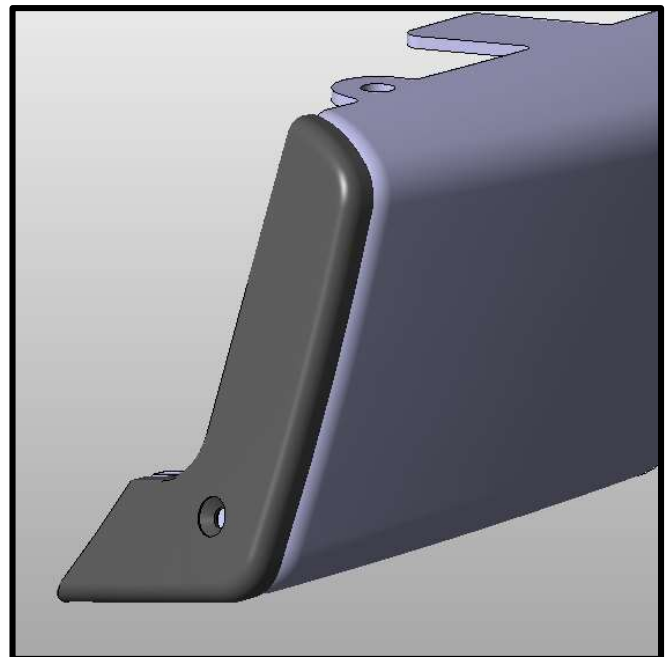


Fig. 13

- Put some body glue on the back of the add-ons, place them on the front spoiler and tighten carefully with the supplied M3 countersunk screws. Use screw locking agent.

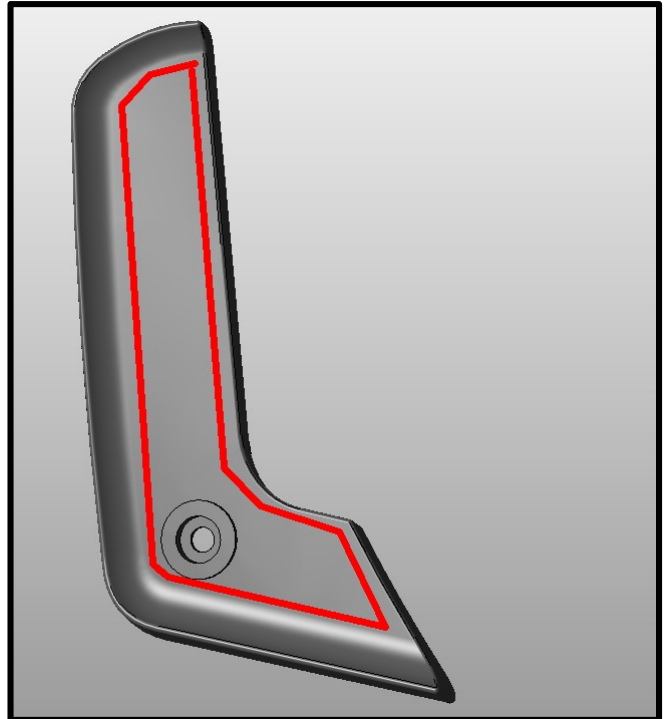


Abb. 14

4 Install TECHART front spoiler

- i** 1 All adhesive tape connections prepared by TECHART must be glued cleanly and free of tension. If adhesive connections are unsustainable, individual PU adhesive dots can also be attached to component ends in the background and to separating edges to glue the component in the long term. With a small amount of PU adhesive, the component can still be loosened in the event of damage.
- 2 Then screw the set of brackets (09J100100200) onto the grille from below using the supplied 16 mm pointed screws (000100999999). Position the holder on the right and left of the parking sensor at the rear stop and on the side of the parking sensor housing and tighten with a screw. It is important to ensure that the screw is not overtightened so that the thread does not turn freely.
- 3 Fit the brackets in the grille as shown below.



Fig. 15

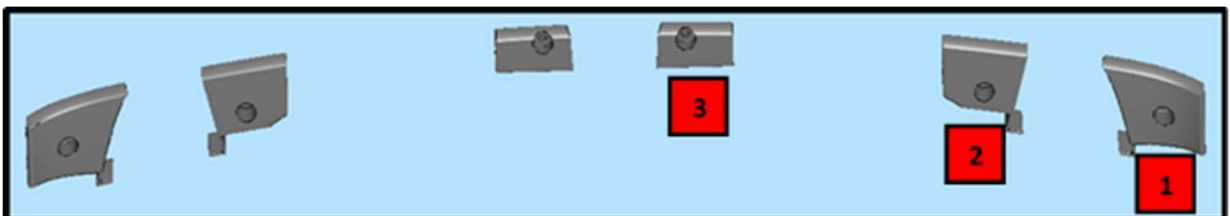


Fig. 16

- 4 Use a knife to cut the locking pin on the right and left of the front apron flush with the surface and drill a 6 mm through hole instead of the pin. Here it is recommended to first drill a smaller hole in the correct position, then drill it out to 6 mm.



Fig. 17

- 5 After cleaning the surface, coat the bar sketched in the illustration with the supplied primer and let it dry. Do not coat the small rear section, this will remain visible later.



Fig. 18

- 6 The TECHART front spoiler 09J.121.100.100 is then pushed onto the front apron. Insertion areas must be taken into account. The front spoiler is inserted into the original slot under the cover at the front. In the middle area under the cover, a few adhesive dots must be attached to the grille in the slot area.



Fig. 19

- 7 In the area of the active louvers, the front spoiler rests on the frame grille. It is then reinserted into the slot from the side. After the tabs have clicked into place, the front spoiler must sit in the front apron without tension.

- 8 After placing the front spoiler in the wheel housing on the left and right, insert a plastic rivet and establish the rivet connection by hammering in or pressing in the bolt.
- 9 Push the supplied sheet metal clips (000100999991) onto each outer tab. To do this, push the clamps from the inside of the apron as far as they will go against the inside of the front apron.
- 10 Insert the front splash guard R / L and completely screw the underbody back on with the original screws.
- 11 Loosen the red transfer film in the area of the dome on the left and fold it over. Then pull out the transfer film and press the front spoiler onto the grille. The front spoiler sits in front of the shoulder of the support surface of the grille (see illustration).
- 12 Also make the adhesive connection from the dome to the outside. A total of two bonds must be made on the left and right.

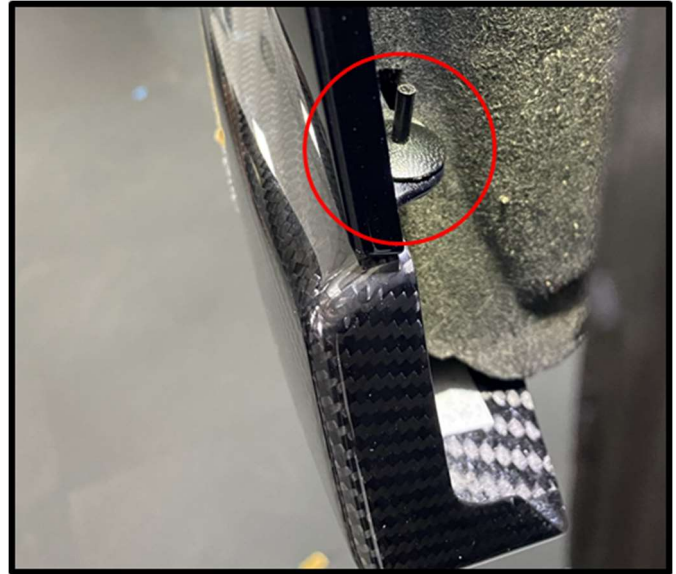


Fig. 20



Fig. 21

i After gluing the front spoiler, it has to be connected to the grille again with firm pressure. To do this, apply pressure to the adhesive surface for about 30 seconds.

- 13 In the area of the splitter fold over the ends of the transfer film in the middle area as shown and fix it with tape.



Fig. 22

- 14 Fold and fix the ends of the transfer film in the outer area as well. This ensures that the transfer film can be pulled out from all sides.
- 15 At the outer points of the component seat, two additional points must be made with PU adhesive.



Fig. 23

- 16 Insert the TECHART splitter 09J.100.100.110 into the contour of the front spoiler and align it flush on the left and right.
- 17 Fit the plastic expanding rivet 000590501103035 to all holes on the underside for positioning. But do not press in the rivet pin in, yet.
- 18 Position the splitter with adhesive tape and pull it up to the stop.



Fig. 24

- 19 Then glue the front edge of the splitter. To do this, pull the adhesive tape upwards, starting from both sides. At the same time, press the splitter up and against the vehicle to create an even and coherent component fit.

- 20 Establish the lower adhesive connection by pulling out the transfer film. Press all adhesive connections on again.
- 21 Remove the protective film from the component if it is still present.
- 22 Fasten the plastic rivets by pressing in the rivet pin.



Fig. 25

- 23 Grind all attached holders in the upper area of the grille. The front and bottom areas are important here.
- 24 Hold the components of the clasp 09J.100.100.130 / 140 in the intended position before gluing in order to be able to determine the perfect component fit.



Fig. 26

- 25 Also sand the adhesive surfaces of the clasp a little and clean / degrease thoroughly.

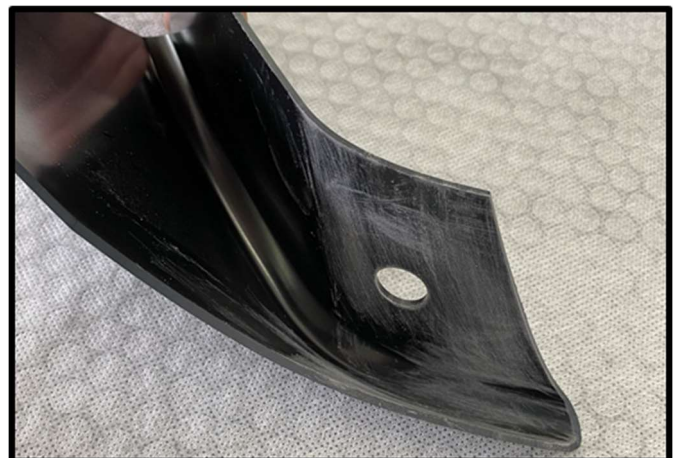


Fig. 27

- 26 Apply PU-adhesive to the TECHART holders. 09J100100200. Do not use too much glue to minimize glue leakage later on. In the lower area of the holder, leave out the screw countersinks and keep them free of glue.
- 27 Fold over the adhesive tape of the front spoiler dome and fix it.



Fig. 28

i When the clasp is pushed on, it can be spread open a little so as not to create an early adhesive bond or not to push the PU adhesive backwards.

- 28 Put the clasp on the left and right over the dome and then remove the red transfer film of the adhesive tape.
- 29 If necessary, fix the clasp in the upper area with adhesive tape until the PU-adhesive has hardened.
- 30 Establish the adhesive tape connection on the lower part by pressing firmly.



Fig. 29

i Allow to dry for at least 12 hours.

- 31 Glue the middle part of the clasp onto the holder with PU-adhesive as well.
- 32 Remove any excess adhesive immediately with a cleaner.
- 33 To secure the parts from slipping, they can be fixed with adhesive tape.



Fig. 30

i All adhesive tape connections prepared by TECHART must be glued cleanly and tension-free. If adhesive connections are unsustainable, individual PU-adhesive dots can also be attached to component ends in the background and to separating edges to glue the component in the long term. With a small amount of PU-adhesive, the component can still be loosened in the event of damage.

TECHART

TECHART AUTOMOBILDESIGN GMBH

RÖNTGENSTRASSE 47
71229 LEONBERG / GERMANY

TEL +49 7152 / 9339- 0

FAX +49 7152 / 9339-33

info@techart.de

www.techart.de

Subject to change at any time without prior notice.
Copyright 2022 by **TECHART** Automobildesign GmbH