

ASSEMBLY INSTRUCTIONS

TECHART Aero-Kit for 982 / 718

Consisting of:

Part-no. 082.100.100.009	Front spoiler I
Part-no. 082.100.101.009	Front spoiler I GTS & SportDesign front apron
Part-no. 082.100.480.009	Air duct trims
Part-no. 082.100.800.009	Rear spoiler I Boxster
Part-no. 082.100.500.009	Diffusor
Part-no. 082.100.801.009	Rear spoiler I Cayman
Part-no. 082.100.811.009	Rear spoiler II Cayman





ASSEMBLY INSTRUCTIONS


















TECHART Aero-Kit for 718 Boxster & Cayman

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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="651 568 952 624" data-label="Section-Header"> <p> WARNING</p> </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="651 871 952 927" data-label="Section-Header"> <p> WARNING</p> </div> <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>	
<div data-bbox="137 1167 280 1290" data-label="Image">  </div> <div data-bbox="137 1317 280 1440" data-label="Image">  </div> <div data-bbox="137 1467 280 1590" data-label="Image">  </div> <div data-bbox="137 1617 280 1740" data-label="Image">  </div>	<div data-bbox="651 1117 952 1173" data-label="Section-Header"> <p> WARNING</p> </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="1326 1149 1457 1272" data-label="Image">  </div> <div data-bbox="1326 1305 1457 1429" data-label="Image">  </div> <div data-bbox="1326 1462 1457 1585" data-label="Image">  </div> <div data-bbox="587 1653 724 1787" data-label="Image">  </div> <div data-bbox="767 1653 904 1787" data-label="Image">  </div> <div data-bbox="948 1653 1085 1787" data-label="Image">  </div>



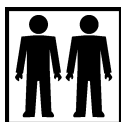
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TECHART Aero-Kit for 718 Boxster & Cayman

 	<div> 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> 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>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>NOTICE</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 two persons are needed.

Help and support

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



ASSEMBLY INSTRUCTIONS

TECHART Aero-Kit for 718 Boxster & Cayman

Check TECHART parts kit for completeness

Quantity	Part number	Part designation
1	082.100.100.009	Front spoiler I
Consisting of:		
1	082.100.100.100	Front spoiler
1	091.100.100.111	Carrier
2	082.100.100.112	Fixing rail
10	000.100.999.999	Collar bolt for plastic PT 50x16 with cone
7	000.100.999.997	Collar bolt 4.8x9.5, black
2	0039004.8X251025	Sheet metal screw, fillister head with flange 4.8x25
2	001900M6X307380A2	Fillister head screw with flange M 6x30 / A2
2	001900M05986	Hexagon nut self-locking, M 6, galvanized
4	001900M06X18A2	Washer M 6x18, A2, DIN 9021
1	00091089010031	Bond and seal tube 70ml
1	082.140.100.009	Stone guard film set

Quantity	Part number	Part designation
1	082.100.101.009	Front spoiler I GTS & SportDesign
Consisting of:		
1	082.100.100.100	Front spoiler
1	091.100.100.111	Carrier
10	000.100.999.999	Collar bolt for plastic PT 50x16 with cone
7	000.100.999.997	Collar bolt 4.8x9.5, black
2	0039004.8X251025	Sheet metal screw, fillister head with flange 4.8x25
2	001900M6X307380A2	Fillister head screw with flange M 6x30 / A2
2	001900M05986	Hexagon nut self-locking, M 6, galvanized
4	001900M06X18A2	Washer M 6x18, A2, DIN 9021
1	00091089010031	Bond and seal tube 70ml
1	082.140.100.009	Stone guard film set
2	01090006X16X8	Washer, 6.3x16x8, plastic black



ASSEMBLY INSTRUCTIONS

TECHART Aero-Kit for 718 Boxster & Cayman

Part set options for front spoiler I

1	+82.100.100.110	V01: Splitter black structure
Consisting of:		
1	082.100.100.110	Splitter black structure

or

1	+82.100.100.111	V01: Splitter custom color
Consisting of:		
1	082.100.100.110	Splitter
1	082. 108.102.998	Paint splitter

or

1	+82.121.100.111	V01: Splitter Carbon "matt"
Consisting of:		
1	082.121.100.110	Splitter Carbon "matt"

or

1	+82.121.100.111G	V01: Splitter Carbon "glossy"
Consisting of:		
1	082.121.100.110G	Splitter Carbon "glossy"



ASSEMBLY INSTRUCTIONS

TECHART Aero-Kit for 718 Boxster & Cayman

Quantity	Part number	Part designation
1	082.100.480.009	Air duct trims
Consisting of:		
1	082.100.480.100	Trim bar right
1	082.100.480.101	Trim bar left
6	0039003913A2	Collar screw Torx 3.9x13, A2 , black
1	00091089010031	Bond and seal tube 70ml

Quantity	Part number	Part designation
1	082.100.500.009	Diffusor
Consisting of:		
1	082.100.500.100	Trim bar right
2	0039004.8X387981	Sheet metal screw, fillister head with flange 4.8x38
1	00091089010031	Bond and seal tube 70ml

Quantity	Part number	Part designation
1	082.100.800.009	Rear spoiler I Boxster
Consisting of:		
1	081.100.800.100	Rear spoiler
1	082.100.800.210	Base right
1	082.100.800.211	Base left
1	081.100.801.300	Bracket OE spoiler right
1	081.100.801.301	Bracket OE spoiler left
2	081.100.801.200	Mounting bracket RS I
1	081100801500-01	Bracket magnet
1	082100801503	Slider
2	082100800400	Bracket screw
2	001900M05X10912	Hexagon socket head screw, M 5x10, galvanized
2	001900M05X15	Washer, M 5x15, galvanized
2	001900M05	Speed nut, M 5
1	00059056118	Dummy plug, electro 8mm
2	048100150615	Bracket turn signal accessory bag Magnum/Widebody
2	001900M06X25933	Hexagon screw, M 6x25, galvanized
4	001900M5X107380A2	Fillister Head screw with flange M 5x10 /A2
4	001900M05X125520	Countersunk head screw, M 5x12
4	000900026156	Set screw with hexagon socket head and flat point M5x6
1	00091089010031	Bond and Seal black, tube 70ml
1	081.140.800.009-01	Stone guard film set for rear spoiler



ASSEMBLY INSTRUCTIONS

TECHART Aero-Kit for 718 Boxster & Cayman

Quantity	Part number	Part designation
1	082.100.801.009	Rear spoiler I Cayman
Consisting of:		
1	081.100.800.100	Rear spoiler
1	082.100.801.210	Base right
1	082.100.801.211	Base left
1	081.100.801.300	Bracket OE spoiler right
1	081.100.801.301	Bracket OE spoiler left
2	081.100.801.200	Mounting bracket RS I
1	081100801500-01	Bracket magnet
1	082100801503	Slider
2	082100800400	Bracket screw
2	001900M05X10912	Hexagon socket head screw, M 5x10, galvanized
2	001900M05X15	Washer, M 5x15, galvanized
2	001900M05	Speed nut, M 5
1	00059056118	Dummy plug, electro 8mm
2	048100150615	Bracket turn signal accessory bag Magnum/Widebody
2	001900M06X25933	Hexagon screw, M 6x25, galvanized
4	001900M5X107380A2	Fillister Head screw with flange M 5x10 /A2
4	001900M05X125520	Countersunk head screw, M 5x12
4	000900026156	Set screw with hexagon socket head and flat point M5x6
1	00091089010031	Bond and Seal black, tube 70ml
1	081.140.800.009-01	Stone guard film set for rear spoiler



ASSEMBLY INSTRUCTIONS

TECHART Aero-Kit for 718 Boxster & Cayman

Quantity	Part number	Part designation
1	082.100.811.009	Rear spoiler II
Consisting of:		
1	082.100.811.100	Base frame
1	081.100.811.202	Insert mounting plate right
1	081.100.811.203	Insert mounting plate left
1	081.100.811.210	Base plate sheet right
1	081.100.811.211	Base plate sheet left
1	081.100.811.220	Base plate PU right
1	081.100.811.221	Base plate PU left
2	081.100.811.212	Polystyrene plate
6	001900M5X16A27380	Fillister Head screw M 5x16 stainless steel A2
6	001900M8X307380A2	Fillister Head screw with flange M 8x30 / A2
4	001900M06X12912	Hexagon socket head screw, M 6x12, galvanized
1	00059056118	Dummy plug, electro 8mm
2	001900M05	Speed nut, M 5
2	001900M05X10912	Hexagon socket head screw, M 5x10, galvanized
2	001900M05X15	Washer, M 5x15, galvanized
2	048100150615	Bracket turn signal accessory bag Magnum/Widebody
2	001900M06X25933	Hexagon screw, M 6x25, galvanized
1	081100801500-01	Bracket magnet
1	082100801503	Slider
1	001900M06X167380	Hexagon socket head screw with flange, M 6x16, black galvanized
1	081.100.801.300	Rear spoiler I, bracket OE spoiler right
1	081.100.801.300	Rear spoiler I, bracket OE spoiler left
2	081.100.811.300	Damper
4	081.100.811.301	Ball head M6 - plastic
0.4	000961894910-05	Double-sided adhesive tape 6mm
1	00091089010031	Bond and Seal black, tube 70ml
1	081.100.811.500	Drilling template
1	081.140.811.009	Foil black rear spoiler II
1	081.140.812.009	Foil transparent clear rear spoiler II



ASSEMBLY INSTRUCTIONS

TECHART Aero-Kit for 718 Boxster & Cayman

Part set options for rear spoiler II

1	+81.100.811.001	V01: Rear spoiler support painted in custom color
Consisting of:		
1		Mounting sheet right in custom color
1		Mounting sheet left in custom color

or

1	+81.100.811.000	V01: Rear spoiler support aluminum black
Consisting of:		
1	081.100.811.204SW	Mounting sheet right black
1	081.100.811.205SW	Mounting sheet left black

1	+91.100.810.200	V02: Profile paintable
Consisting of:		
1	091.100.810.200	Rear spoiler II, wing profile

or

1	+91.121.810.200	V02: Profile in carbon graphite matt
Consisting of:		
1	091.121.810.200	Rear spoiler II, wing profile

or

1	+91.121.810.200G	V02: Profile in carbon graphite glossy
Consisting of:		
1	091.121.810.200G	Rear spoiler II, wing profile

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.



ASSEMBLY INSTRUCTIONS

TECHART Aero-Kit for 718 Boxster & Cayman

III Installation

1 Prepare the vehicle



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

1.1 Raise vehicle

- 1 Raise vehicle at the factory-fitted jacking points.

2 TECHART front spoiler

2.1 Preliminary work for 982

- 1 Unclip the original splitter and rubber lip from the original front apron (0).
- 2 Unscrew the side fixing screws of the front apron.

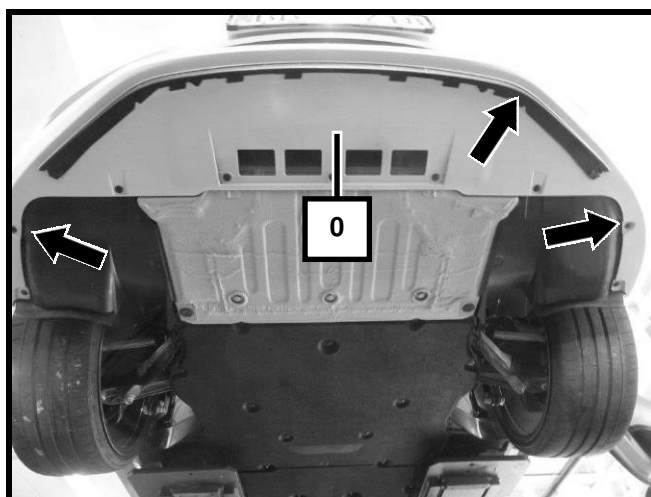


Fig. 01

 The original splitter and rubber lip are no longer required.

2.2 Install TECHART front spoiler I

- i** The bonding surfaces on the TECHART front spoiler and front apron must be dry and free from dust and paint spray mist.

Use cleaning agent to thoroughly degrease bonding surfaces on the TECHART front spoiler and front apron. Then sand it down using 100-180 grade abrasive paper and finally use cleaning agent to degrease it again.

Do not touch the surfaces after they have been cleaned.

- 1 Mount the TECHART fixing rail 082.100.100.112 (1) with the screws 5x16 front apron (2).

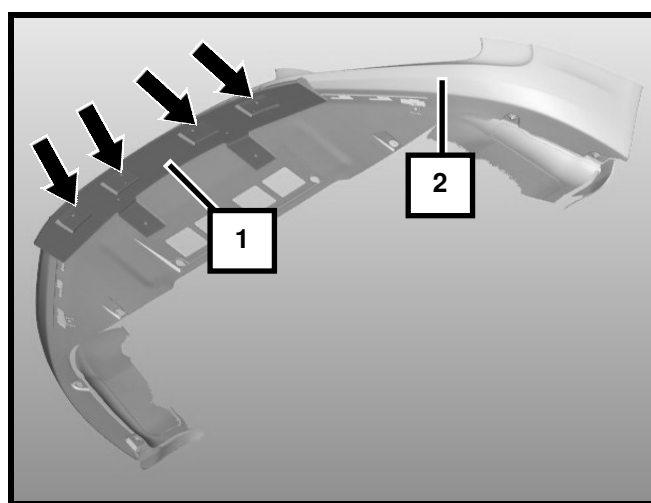


Fig. 02

- 2 Slide the TECHART carrier 091.100.100.111 (3) into the TECHART front spoiler 082.100.100.100 (4) and fasten with the screws PT50x16.

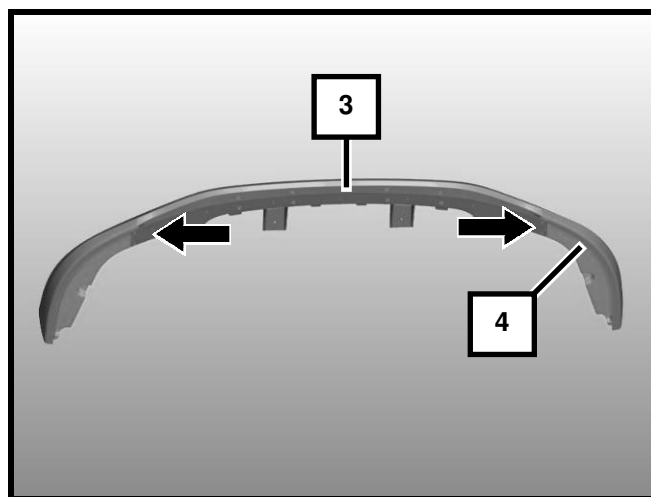


Fig. 03

- 3 Apply an even layer of adhesive glue to the destined areas (a) of the TECHART front spoiler (4).

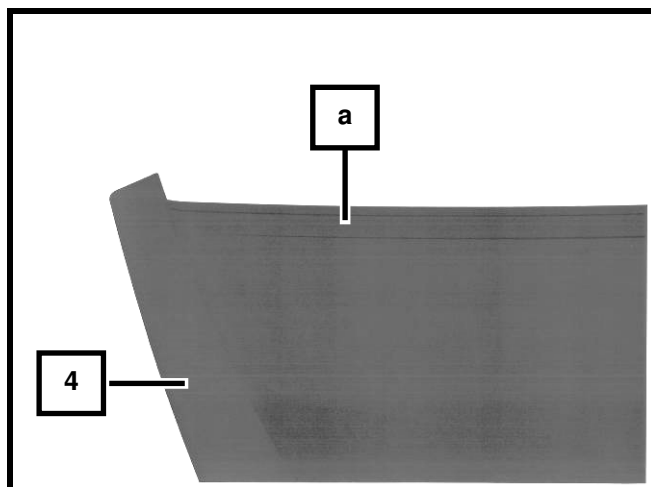


Fig. 04

- 4 Slide the TECHART front spoiler (4) onto the front apron (2) and the TECHART fixing rail.

i Press on firmly in areas coated with adhesive. Check for an accurate fit.

Allow to dry for at least 12 hours.

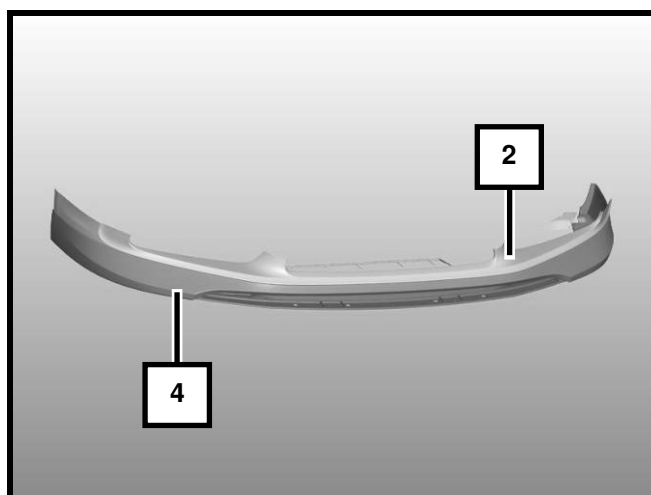


Fig. 05

- 5 Slide the TECHART splitter 091.100.100.1__ (5) into the TECHART carrier (3) and tighten from the bottom with the screws 4.8 x 9.5.

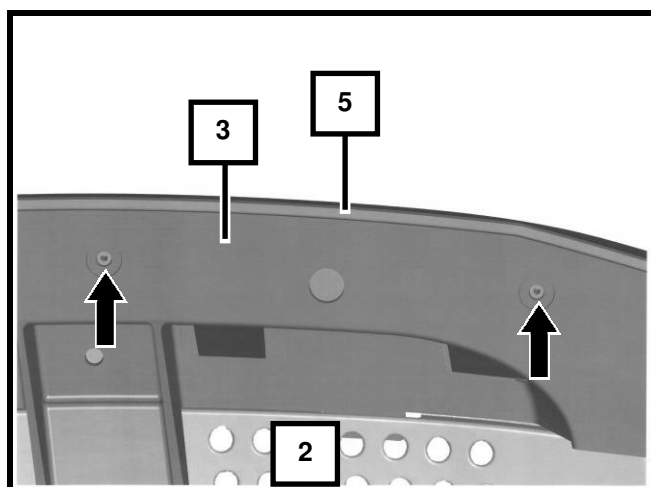


Fig. 06

- 6 Tighten the TECHART front spoiler (4) at the original fixing points with the screws 4.8x25.
- 7 Additionally, tighten the TECHART front spoiler (4) with the screws 5x16 to the corners.

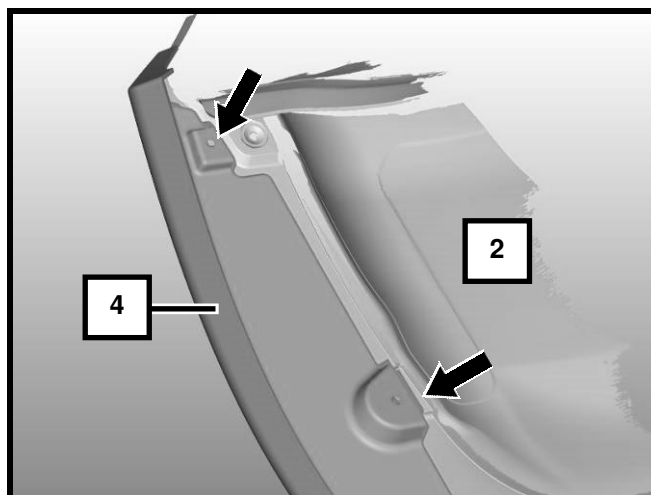


Fig. 07

- 7 Tighten the TECHART carrier (3) with the screw M6x30, washer M6x18 and self-locking nut M6 to the front apron, for that drill a hole of Ø 6mm.

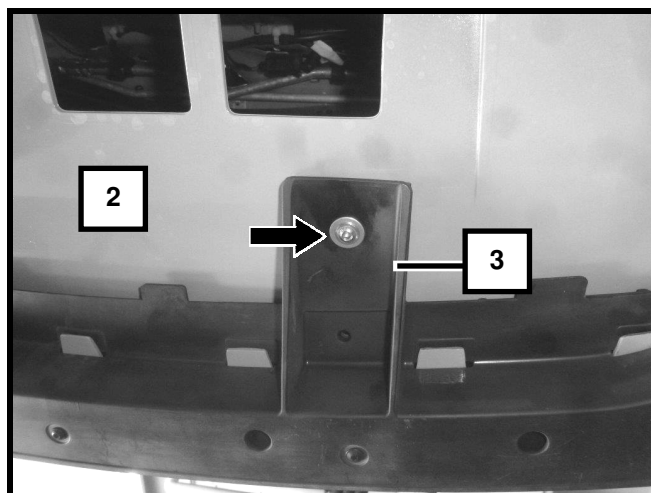


Fig. 08

- 9 Stick the stone guard film (6) to the TECHART front spoiler (4) in the area of the wheel arch.

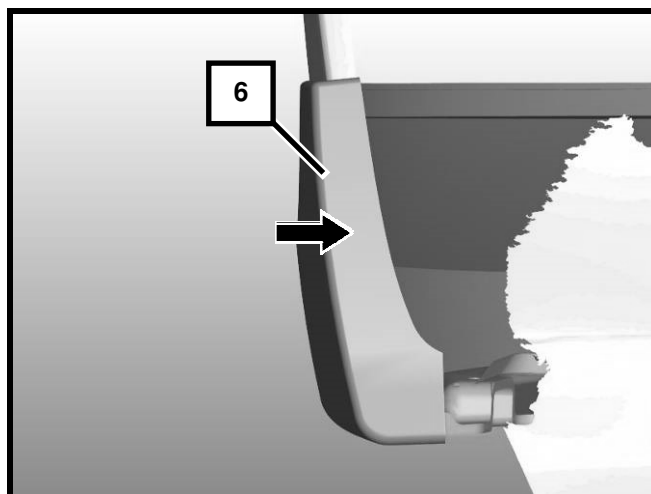


Fig. 09



ASSEMBLY INSTRUCTIONS

TECHART Aero-Kit for 718 Boxster & Cayman

- i** The TECHART front spoiler may overlap left and right for about 1mm.

This is needful to install the TECHART front spoiler (4) tension-free.



Fig. 10



ASSEMBLY INSTRUCTIONS

TECHART Aero-Kit for 718 Boxster & Cayman

2.3 Install TECHART front spoiler I GTS & SportDesign

- i** The bonding surfaces on the TECHART front spoiler and front apron must be dry and free from dust and paint spray mist.

Use cleaning agent to thoroughly degrease bonding surfaces on the TECHART front spoiler and front apron. Then sand it down using 100-180 grade abrasive paper and finally use cleaning agent to degrease it again.

Do not touch the surfaces after they have been cleaned.

- 4 Slide the TECHART carrier 091.100.100.111 (3) into the TECHART front spoiler 082.100.100.100 (8) and fasten with the screws PT50x16.

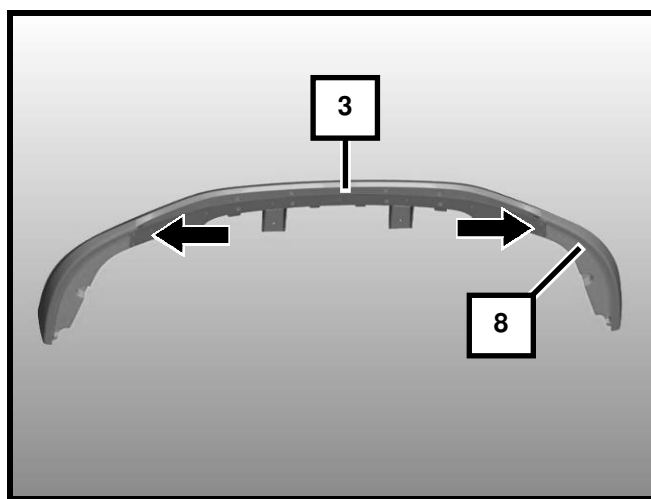


Fig. 11

- 5 Apply an even layer of adhesive glue to the destined areas (a) of the TECHART front spoiler (8).

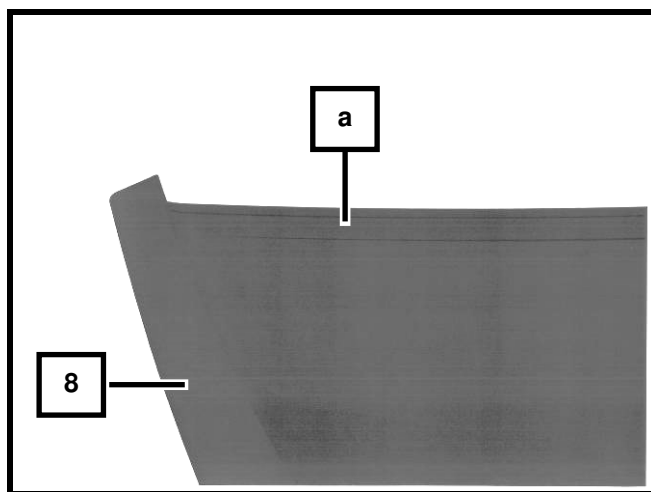


Fig. 12

- 3 Slide the TECHART front spoiler (8) onto the front apron (2).

i Press on firmly in areas coated with adhesive. Check for an accurate fit.

Allow to dry for at least 12 hours.

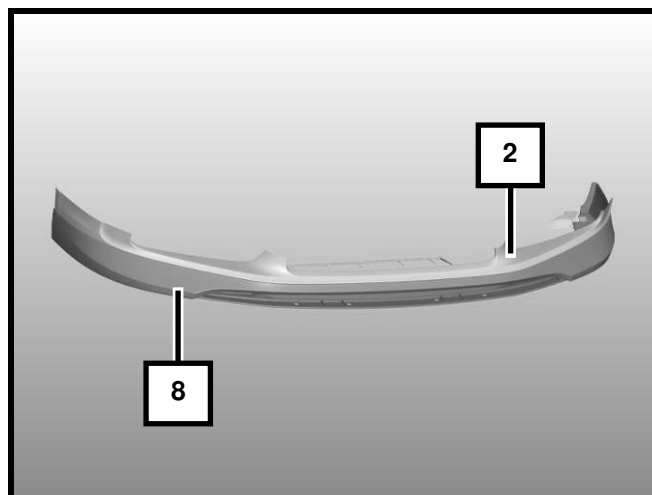


Fig. 13

- 4 Slide the TECHART splitter 091.100.100.1__ (5) into the TECHART carrier (3) and tighten from the bottom with the screws 4.8 x 9.5.

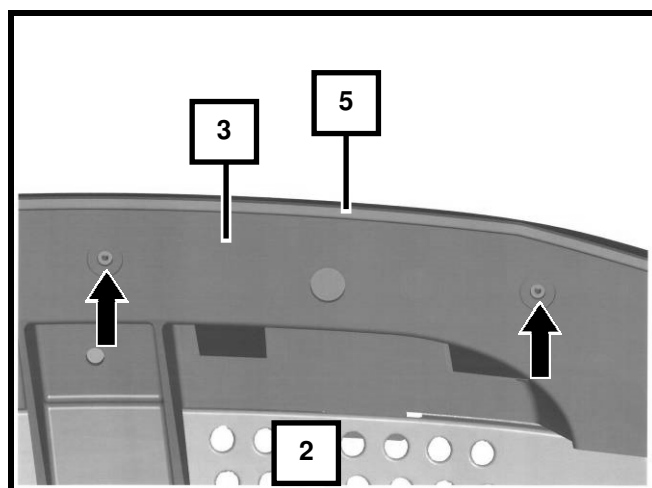


Fig. 14

- 5 Tighten the TECHART front spoiler (8) at the original fixing points with the screws 4.8x25.
- 6 Additionally, tighten the TECHART front spoiler (8) with the screws 5x16 to the corners.

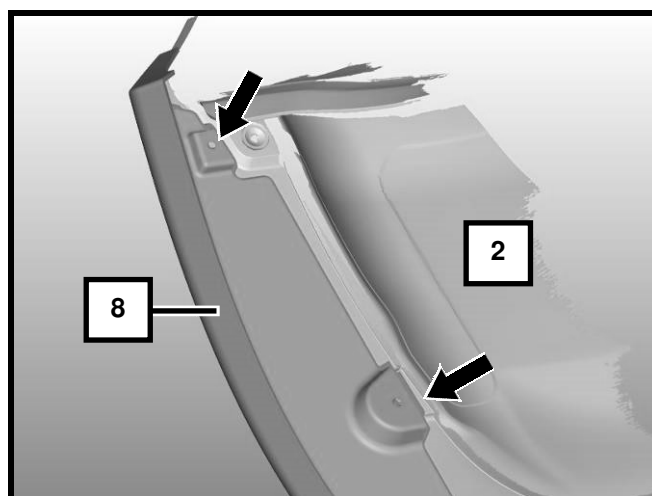


Fig. 15

- 7 Tighten the TECHART carrier (3) with the screw M6x30, washer M6x18, self-locking nut M6 and the washer 6,3x16x8, plastic black 01090006X16X8 (A) to the front apron (2), for that drill a hole of Ø 6mm.

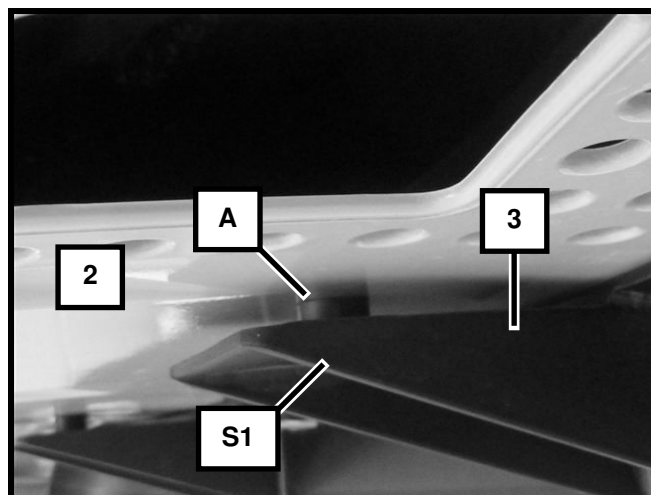


Fig. 16

- 8 Stick the stone guard film (6) to the TECHART front spoiler (8) in the area of the wheel arch.

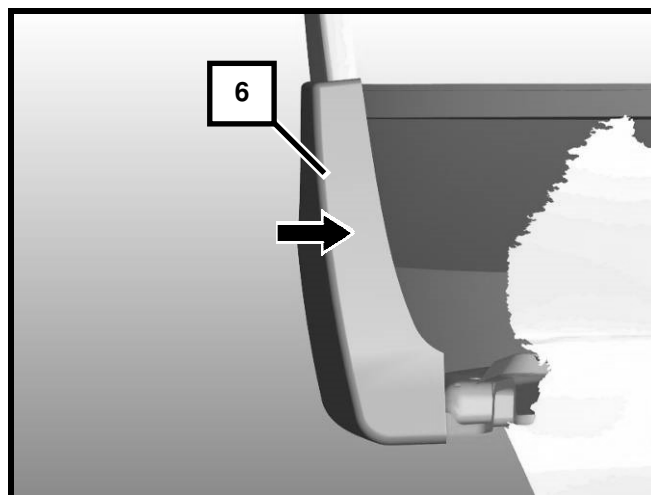


Fig. 17

3 TECHART air duct trims

- i** The bonding surfaces on the TECHART trim bar and air duct must be dry and free from dust and paint spray mist.

Use cleaning agent to thoroughly degrease bonding surfaces on the TECHART trim bar and air duct. Then sand it down using 100-180 grade abrasive paper and finally use cleaning agent to degrease it again.

Do not touch the surfaces after they have been cleaned.

- 1 Unclip the air intake from the side part (9) of the vehicle.

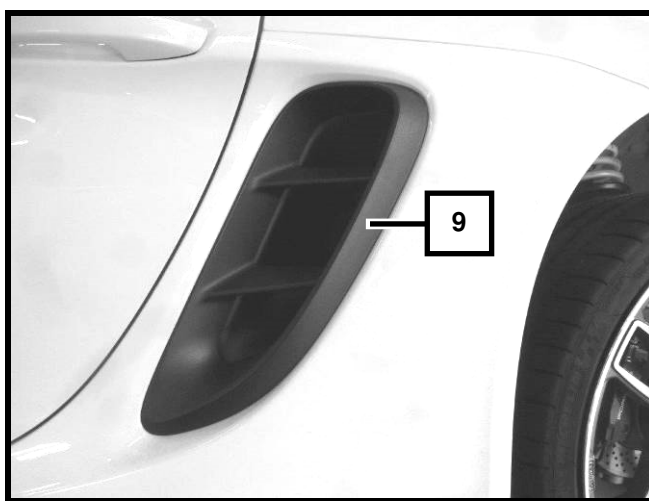


Fig. 18

Template right

- 2 Mark drilling of top hole:
 - a = distance to the detent 1mm
 - b = distance to the inner rim 11mm

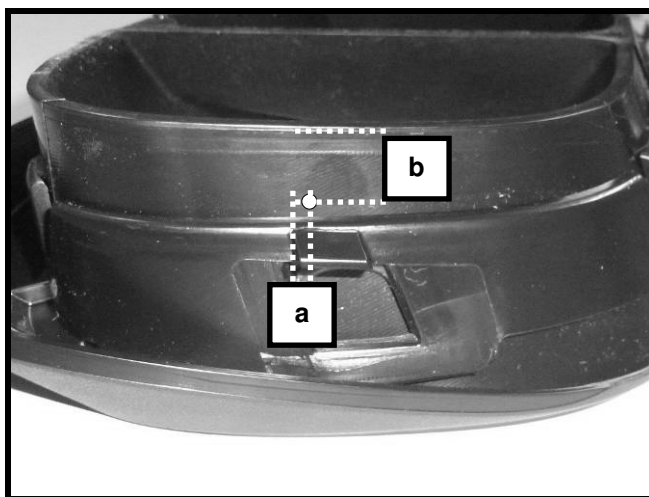


Fig. 19

Template left

- 3 Mark drilling of bottom hole:
 c = distance to the detent 2mm
 d = distance to the inner rim 11mm

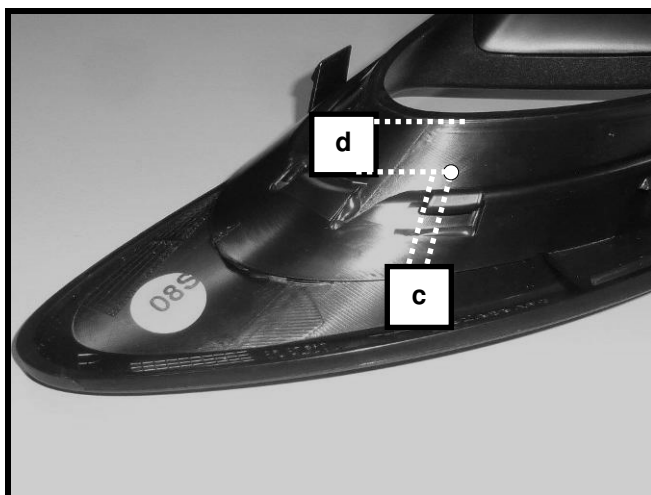


Fig. 20

- 4 Mark the holes on the left air duct accordingly.
- 5 Drill all 4 holes with \varnothing 4mm.
- 6 Apply a thin layer of PU-glue to the bonding surface of the TECHART trim bar 082.100.480.100 (10).

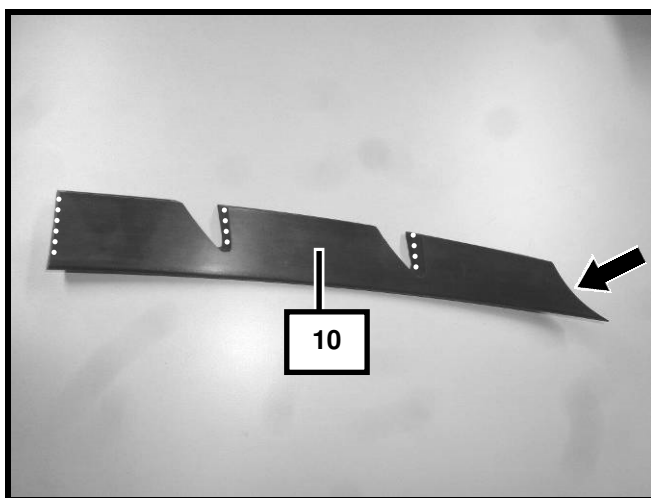


Fig. 21



ASSEMBLY INSTRUCTIONS

TECHART Aero-Kit for 718 Boxster & Cayman

- 7 Tighten the TECHART trim bar (6) on the top to the air inlet (7) with the screws 3.2x9.5.

i Press on firmly in areas coated with adhesive. Check for an accurate fit – Immediately remove any PU adhesive that escapes using a cleaning agent.

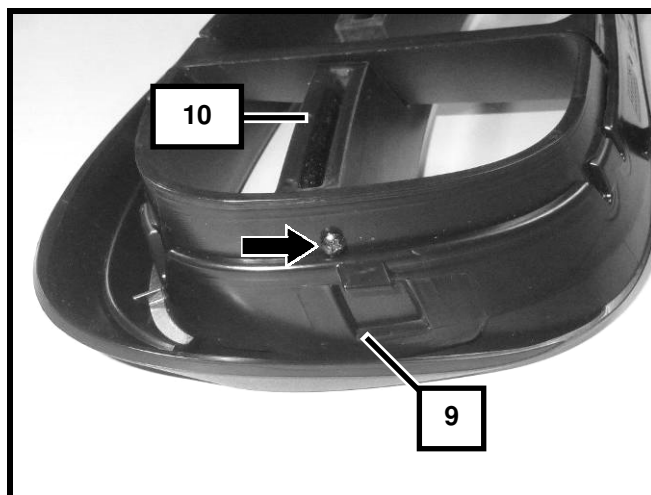


Fig. 22

- 8 Tighten the TECHART trim bar (10) on the bottom to the air inlet (9) with the screws 3.2x9.5.

i Press on firmly in areas coated with adhesive. Check for an accurate fit – Immediately remove any PU adhesive that escapes using a cleaning agent.

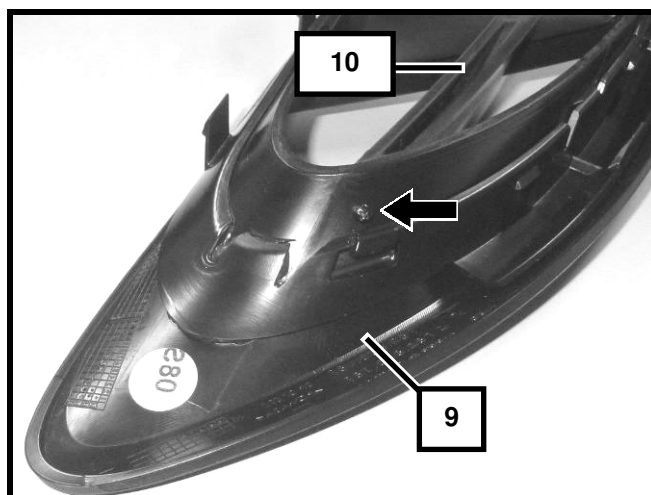


Fig. 23

- 9 Tighten the TECHART trim bar (10) at the upper original bar at the air intake (9) with the screws 3.2x9.5.

- 10 Clip in the air intake to the vehicle again.

i In case the air intake does not click into place properly please dismantle the rear inner wheel house and unscrew and unclip the top side skirt. This way one can hold up to it.

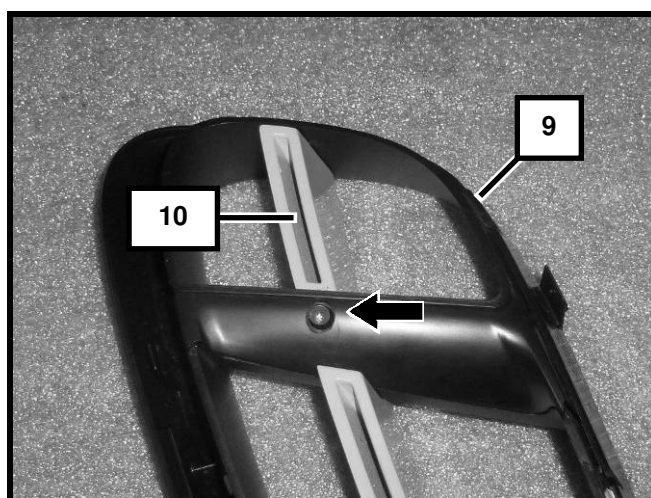


Fig. 24

4 TECHART diffusor

- i** The bonding surfaces on the TECHART diffusor add-on and the original diffusor must be dry and free from dust and paint spray mist.

Use cleaning agent to thoroughly degrease bonding surfaces on the TECHART diffusor add-on and the original diffusor. Then sand it down using 100-180 grade abrasive paper and finally use cleaning agent to degrease it again.

Do not touch the surfaces after they have been cleaned.

Apply plastic primer to the bonding areas of the original diffusor.

- 1 Apply an even layer of PU-adhesive to the bonding areas of the TECHART Diffusor add-on 082.100.502.100 (7).

- i** Press on firmly in areas coated with adhesive. Check for an accurate fit – Immediately remove any PU adhesive that escapes using a cleaning agent.

- 2 Unscrew 2 screws from the original diffusor.
- 3 Stick the TECHART diffusor add-on (11) to the original diffusor (11a) and tighten on the bottom side with the screws 4.8x38.

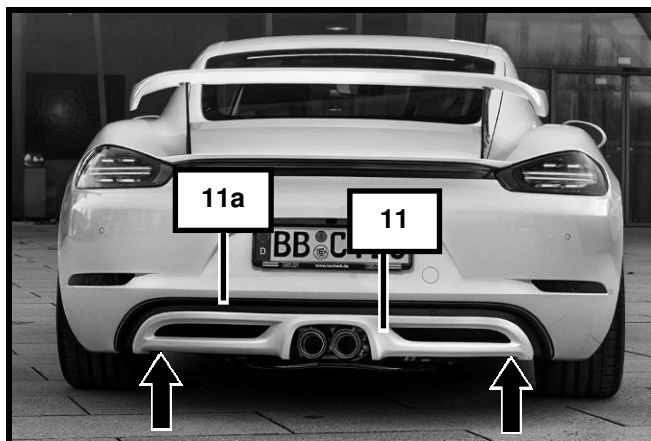


Fig. 25

- i** Allow to dry for at least 12 hours.

5 TECHART rear spoiler I + II for 982 Boxster & Cayman

5.1 Preliminary work

- 1 Open tailgate.
- 2 Remove the stopper for the fitting of the taillight.

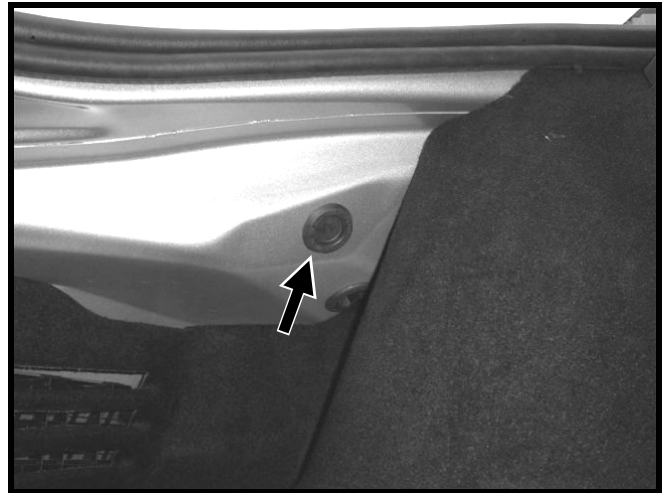


Fig. 26

- 3 Loosen the screw of the taillight.
- 4 Pull out the rear light towards the rear, disconnect the electrical connection.



Fig. 27

- 5 Switch the ignition on.
- 6 Extend the rear spoiler (switch center console).
- 7 Loosen the screws of the rear spoiler top part and remove it.

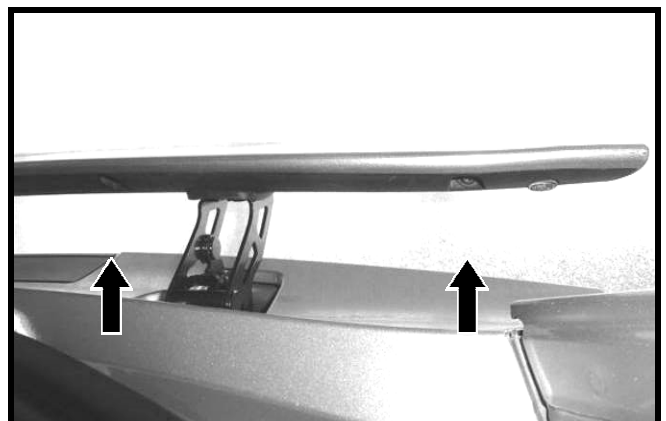


Fig. 28

- 8 Dismantle the lower part of the rear spoiler.
- 9 Retract the rear spoiler (switch center console).

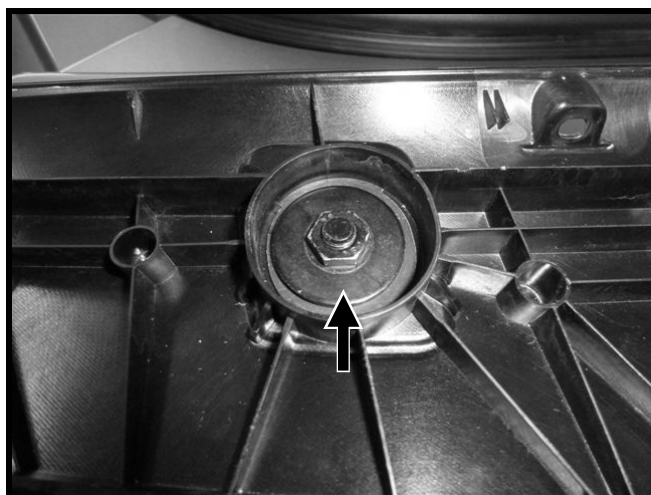


Fig. 29

Dismantle the rear apron. For that loosen the following screws. See arrows fig. 21 to 25.

- 10 Rear apron on the top.

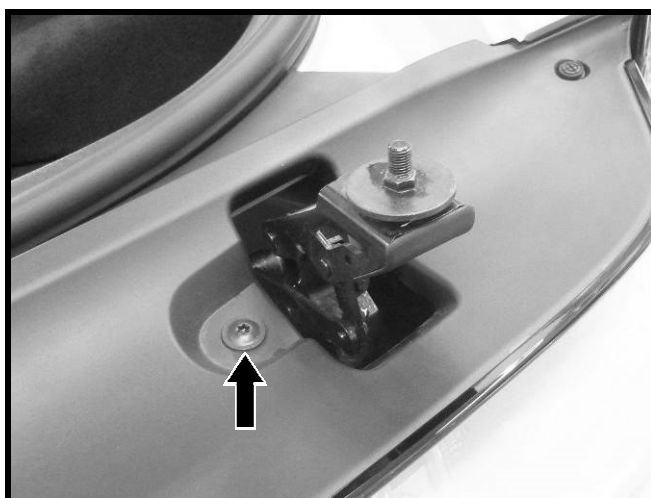


Fig. 30

- 11 Below the taillight.

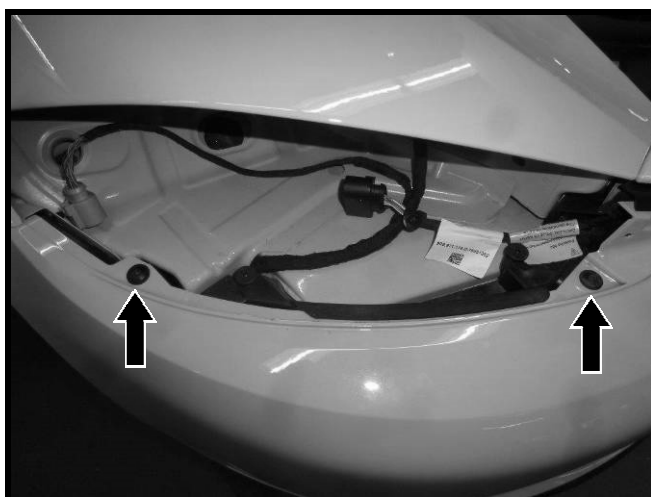


Fig. 31



ASSEMBLY INSTRUCTIONS

TECHART Aero-Kit for 718 Boxster & Cayman

- 12 Rear apron inside the wheel house.

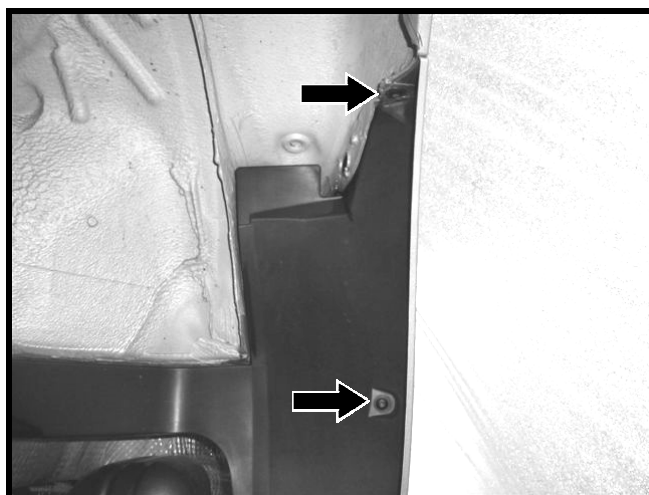


Fig. 32

- 13 Rear apron on the bottom outside.



Fig. 33

- 14 Rear apron on the bottom center.

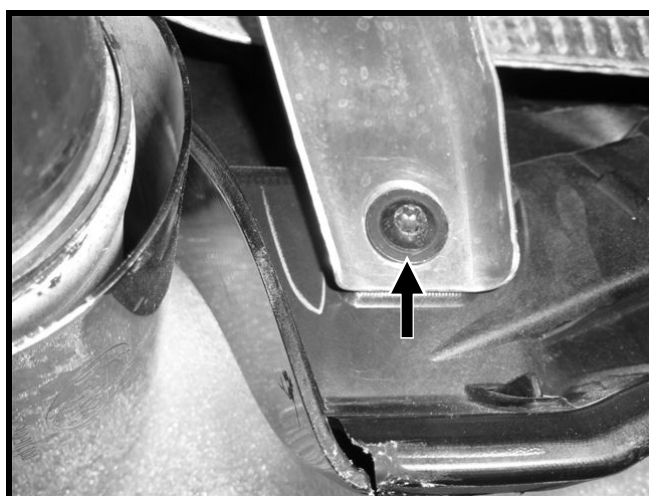


Fig. 34

- 15 Remove rear apron, disconnect the electrical connection.
- 16 Disconnect the electrical connection of the rear spoiler drive.

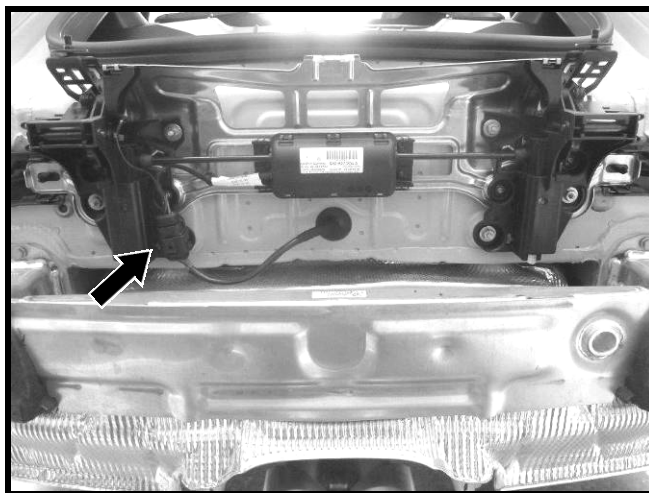


Fig. 35

- 17 Dismantle the rear spoiler drive incl. retaining plate.
- 18 Remove the speed nut of the retaining plate / rear spoiler drive.

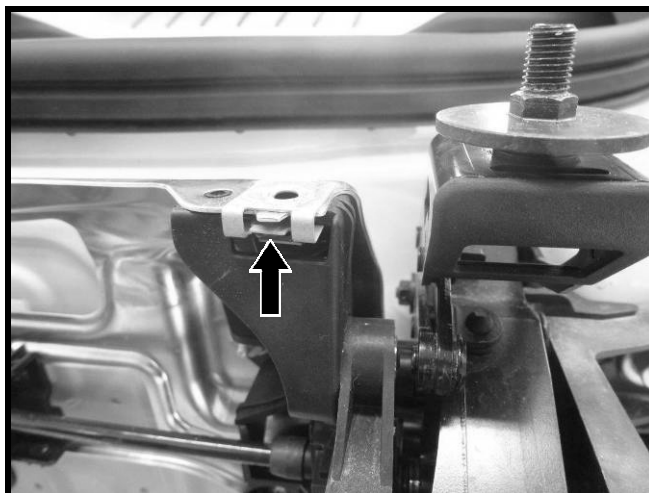


Fig. 36

- 19 Dismantle the right drive unit off the retaining plate (see arrows) and remove it incl. the drive shaft.

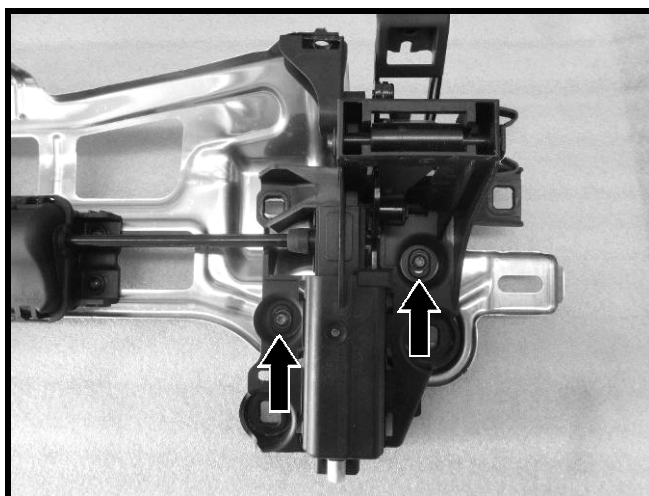


Fig. 37

i The rear spoiler drive incl. the right drive shaft are no longer needed.

- 20 Insert the dummy plug Ø 8mm 00059056118 (12) into the drive motor (13) to close the hole of the drive shaft.

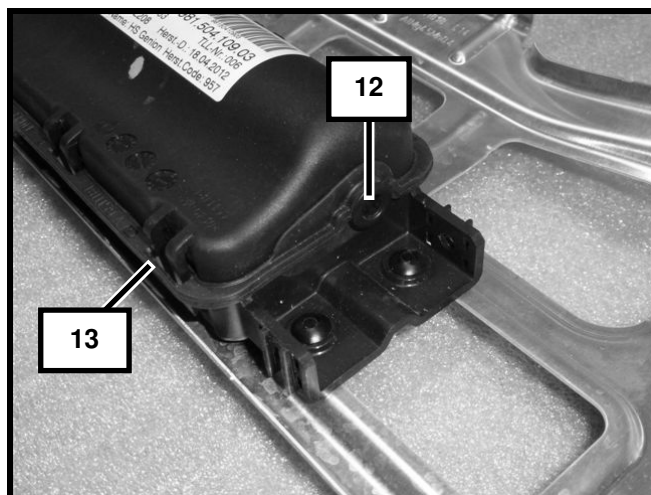


Fig. 38

- 21 Loosen the drive unit left (14) from the retaining plate (15), the drive shaft (16) will remain in the drive motor (13).
- 22 Remove the clip from the sensor (17) and dismantle.

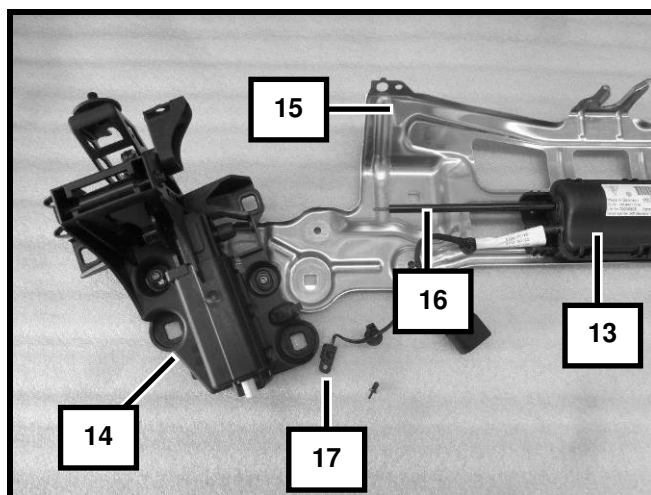


Fig. 39

- 23 Unclip the cover (18) of the drive unit left (14) and remove it.

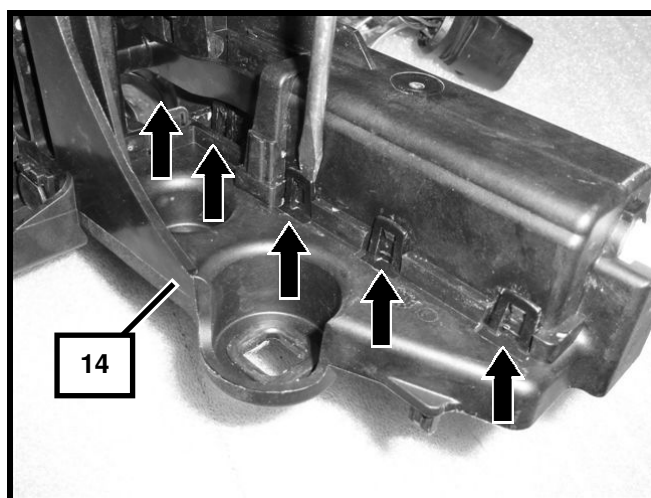


Fig. 40

- 24 Take the plastic shaft (19) from the drive unit (14) and unhinge the deflection (20).

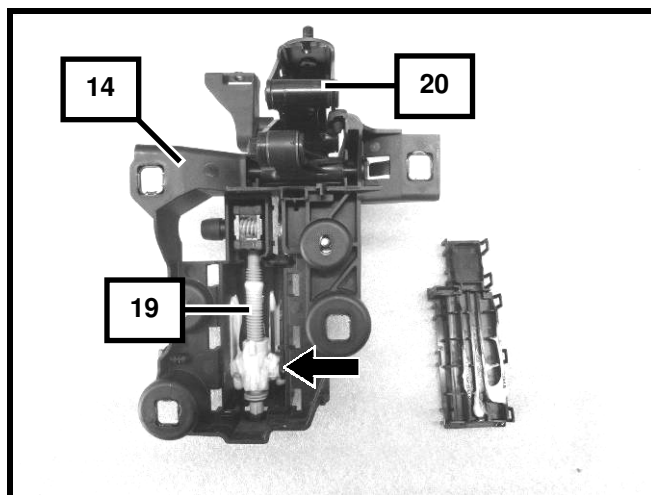


Fig. 41

- 25 Unclip and remove the retaining bolt (21) from the drive unit (14).
- 26 Remove the deflection (20) from the drive unit (14).

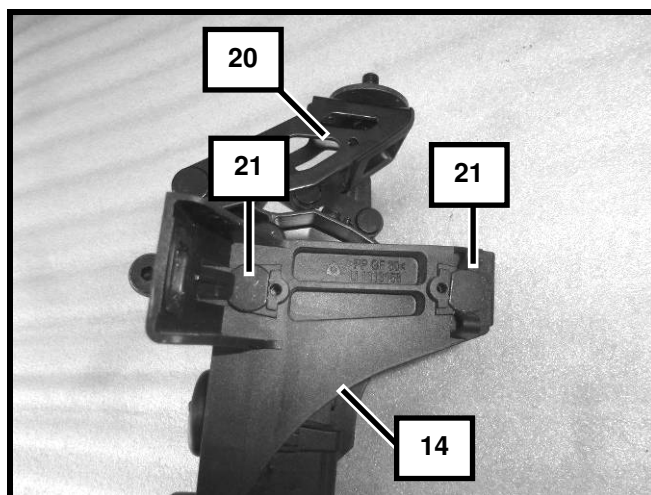


Fig. 42

Drive unit (14)

Cover of the drive unit (18)

Plastic shaft (19)

Deflection (20)

Retaining bolts (21)

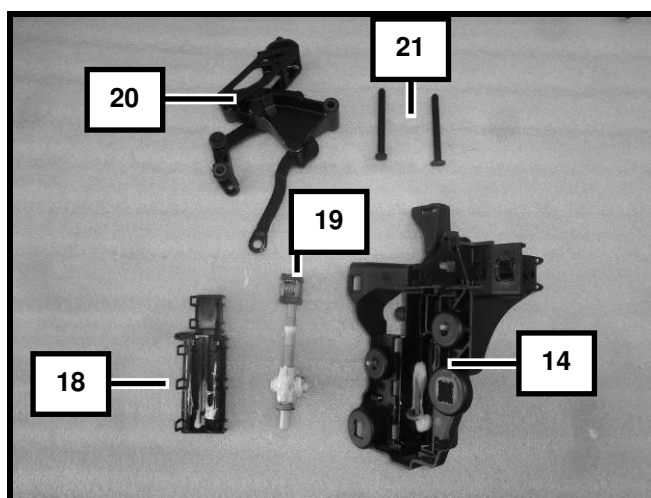


Fig. 43

- 27 Unclip the lead clip (22) from deflection.
- 28 Clip in the lead clip into the TECHART slider 082.100.801.503 (23) with the TECHART bracket 081.100.801.501-01 (24).

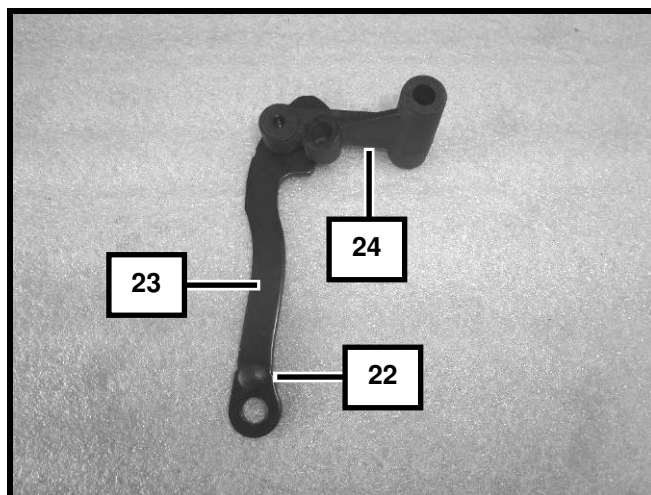


Fig. 44

i The deflection is no longer required.

- 29 Insert the TECHART slider (23) into the drive unit (14).

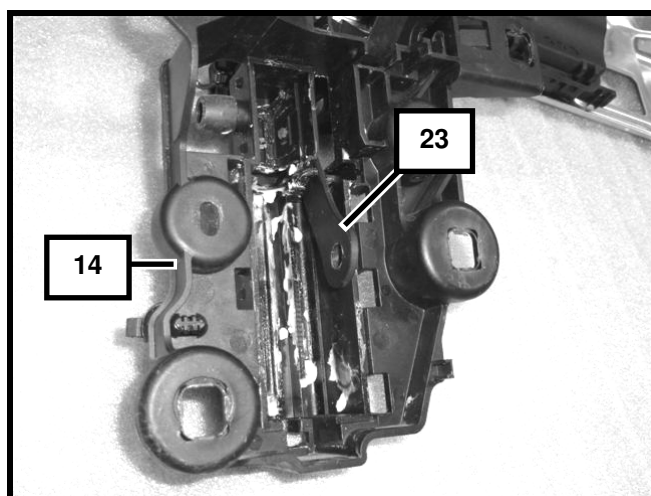


Fig. 45

- 30 Insert the plastic shaft (19) into the drive unit (14) and hook the TECHART slider (23) into it.
- 31 Press the plastic shaft (19) all the way into the drive unit (14).
- 32 Attach the cover of the drive unit (18) to the drive unit (14) and snap into place.

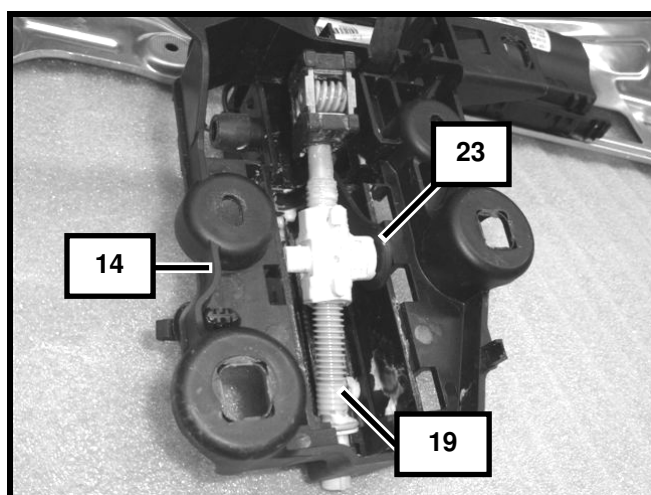


Fig. 46

- 33 Insert the drive shaft (16) into the drive unit (14).
- 34 Mount the drive unit (14) and the retaining plate (15) with the original screws.

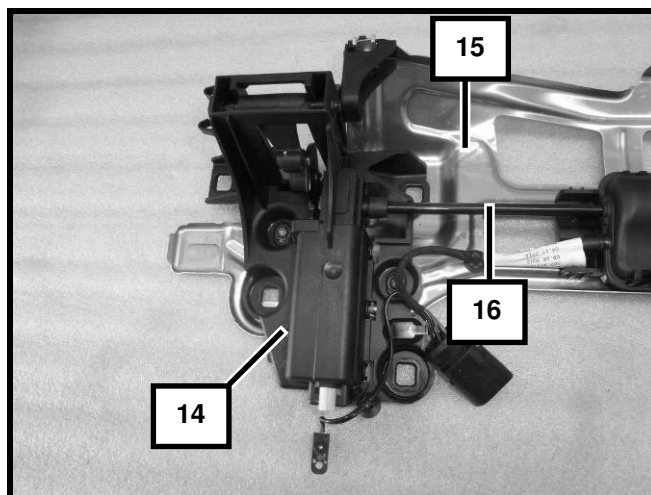


Fig. 47

- 35 Mount the left drive unit (11) incl. the retaining plate (12) with the original screws to the vehicle.
- 36 Connect the electrical connection of the rear spoiler drive.

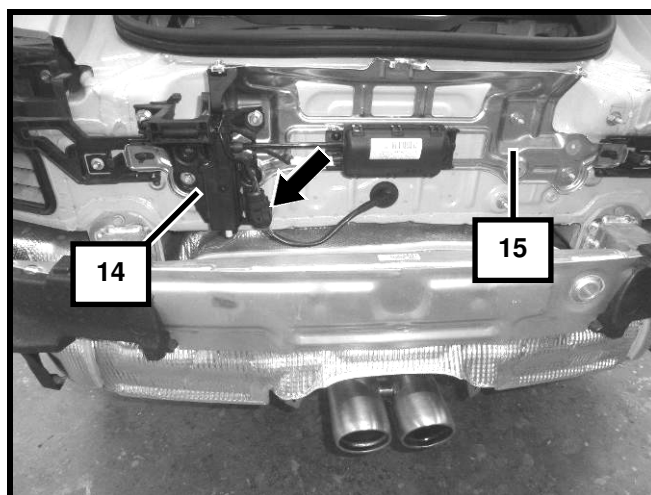


Fig. 48

- 37 Slide the TECHART Bracket (24) into the drive unit (14). Insert the retaining bolt (21) all the way to the stop and snap into place.

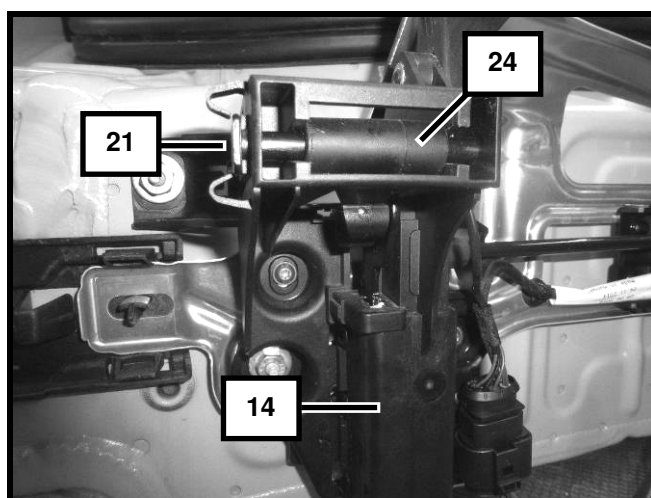


Fig. 49

- 38 Install the sensor (17) into the drive unit (14) and secure with the clip.

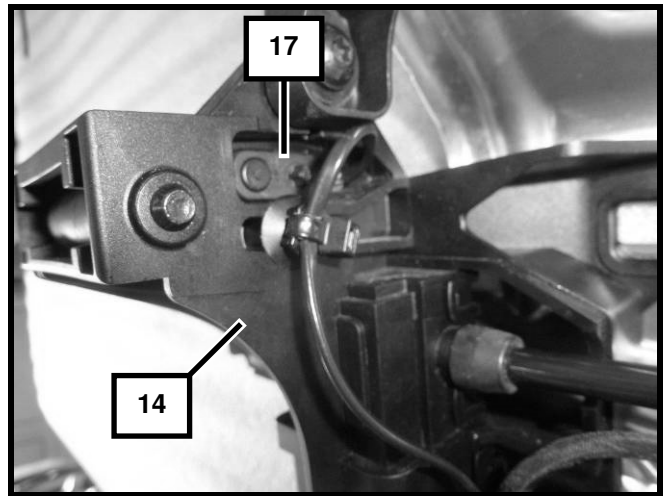


Fig. 50

- 39 Attach the speed nut M5 to the retaining plate (15) and the drive unit (14).
- 40 Screw the hexagon socket head screw, M 5x10 with the washer 5x15 into the speed nut and tighten.

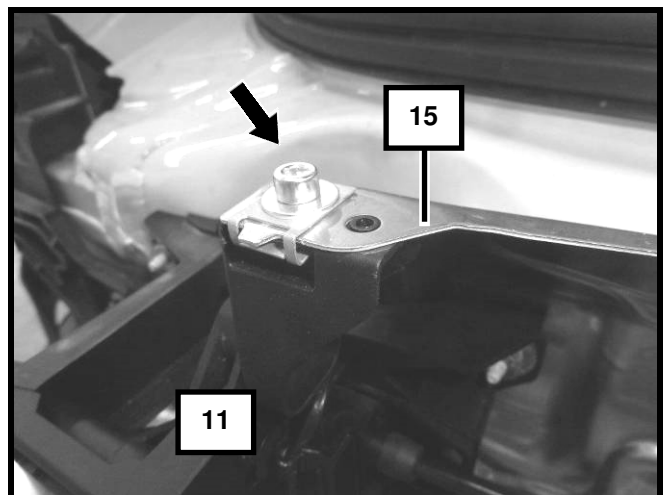


Fig. 51

- 41 Apply the TECHART bracket screw 082.100.800.400 (25) onto the rear spoiler bottom part (26). Arrow points in driving direction.

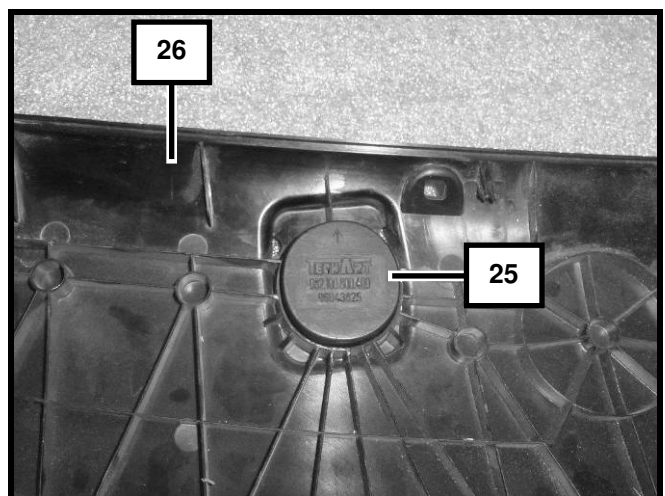


Fig. 52

- 42 Mount the rear spoiler top part (27) to the rear spoiler bottom part (26) and tighten with the original screws.

- 43 Put the TECHART bracket OE spoiler 081.100.801.30_ (28) to the rear spoiler bottom part (23).

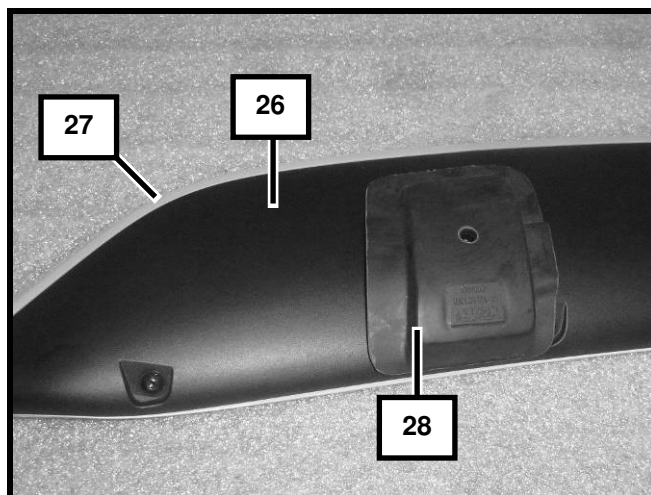


Fig. 53

- 44 Put the rear spoiler onto the rear apron.
- 45 Tighten the rear spoiler with the screw M6x25 and the TECHART bracket 048.100.150.615 (29) to the rear apron.
- 46 Install the rear apron to the vehicle, connect the electrical connection and tighten to the original fixing points.
- 47 Install taillights.



Fig. 54

5.2 Install rear spoiler I Boxster & Cayman

- i** The gluing surfaces on the TECHART rear spoiler and the TECHART bases must be dry and free of dust or paint spraying mist!

Thoroughly degrease the gluing surfaces on the TECHART rear spoiler and the TECHART bases using a cleaning agent. Then sand it down using 100-180 grade abrasive paper and finally use cleaning agent to degrease it again.

Do not touch the surfaces after they have been cleaned.

- 1 Tighten the TECHART mounting bracket 081.100.801.200 (30) with the countersunk screws, M 5x16 to the TECHART rear spoiler I, base 082.100.800.210 Boxster right 082.100.800.211 Boxster left 082.100.801.210 Cayman right 082.100.801.211 Cayman left (31).

- 2 Insert the set screw with hexagon socket head M5x8mm into the TECHART mounting bracket (30).

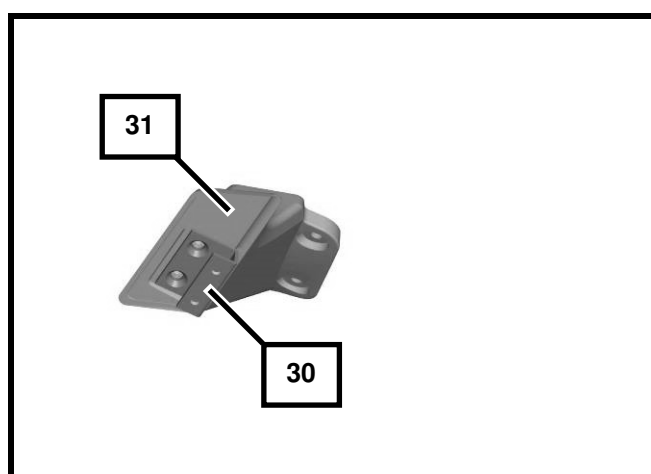


Fig. 55

- 3 Apply PU-adhesive to the TECHART rear spoiler I base (31) and connect it with the screws M 5x10 / A2 001900M5X107380A2 to the TECHART profile 081.100.800.100 (32).

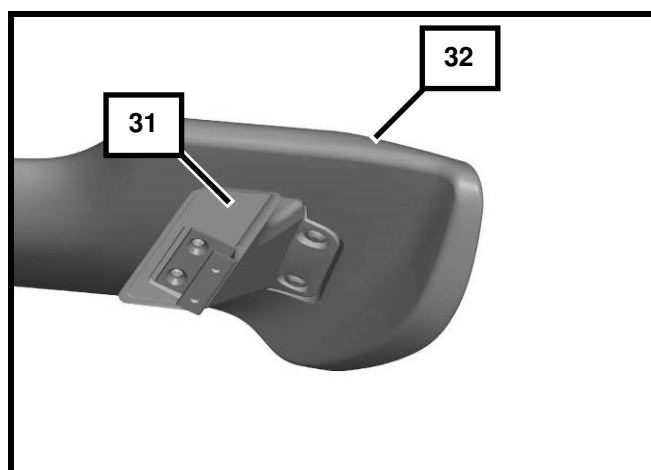


Fig. 56

- i** Press on firmly in areas coated with adhesive. Check for an accurate fit – Immediately remove any PU adhesive that escapes using a cleaning agent.



ASSEMBLY INSTRUCTIONS

TECHART Aero-Kit for 718 Boxster & Cayman

- 4 Stick the TECHART stone guard film for rear spoiler 081.140.80_.009 to the tailgate, turn it over and adhere it on the backside.

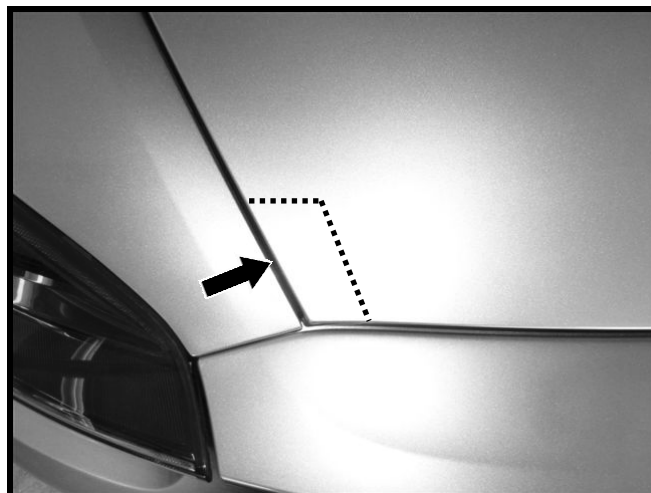


Fig. 57

- 5 Stick the TECHART stone guard film for rear spoiler to the side part.

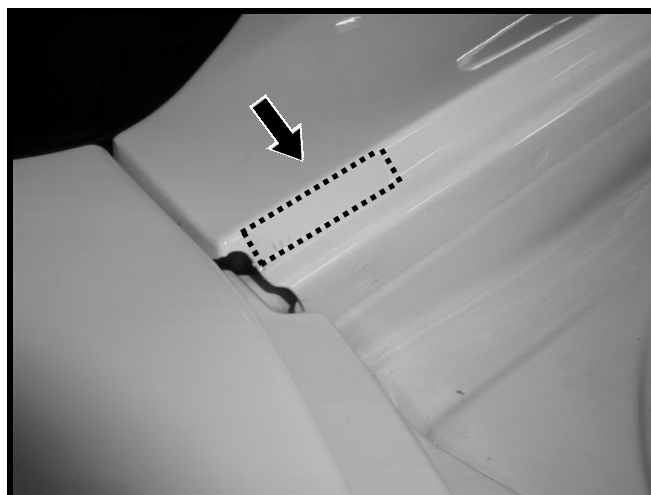


Fig. 58

- 6 Open tailgate half way.
- 7 Slide the TECHART rear spoiler from behind onto the tailgate.
- 8 Tighten the TECHART rear spoiler from the bottom side with the placed set screw.



Check for an accurate fit. TECHART rear spoiler base has to be flush to the tailgate.

5.3 Install TECHART rear spoiler II

- i** The bonding surfaces on the TECHART rear spoiler and original tailgate must be dry and free from dust and paint spray mist.

Use cleaning agent to thoroughly degrease bonding surfaces on the TECHART rear spoiler and original tailgate. Then sand it down using 100-180 grade abrasive paper and finally use cleaning agent to degrease it again.

Do not touch the surfaces after they have been cleaned.

- 1 Open tailgate.
- 2 Remove both stoppers at the tailgate.



Fig. 59

- 3 Cut out the TECHART drilling template 081.100.811.500.
- 4 Align the TECHART drilling template onto the original tailgate.
- 5 Mark the drilling holes and pre-drill with a bit of $\varnothing = 3\text{mm}$ and then with $\varnothing = 6\text{mm}$.

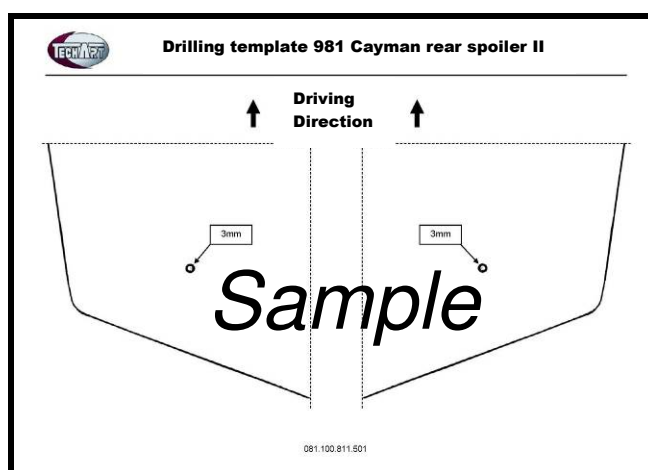


Fig. 60

- i** Protect the drill hole in the metal from corrosion.

- 6 Stick the TECHART transparent foil 081.140.812.009 to the rear area of the TECHART base frame 082.100.811.100 (33) (see arrows).

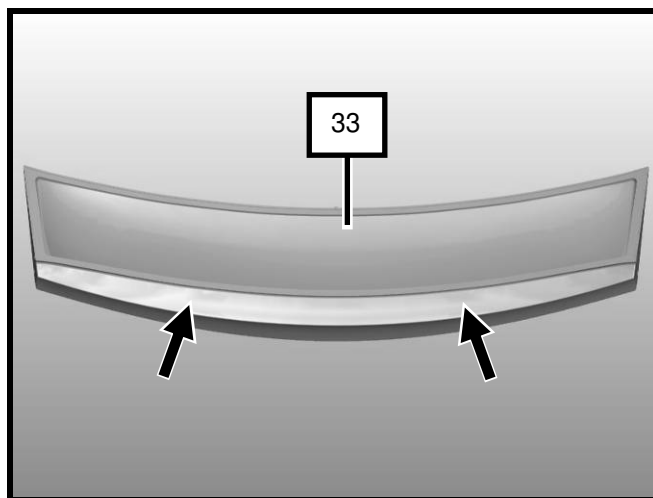


Fig. 61

- 7 Apply the double-sided adhesive tape to the bottom side of the TECHART mounting sheet 081.100.811.204/205SW (34).

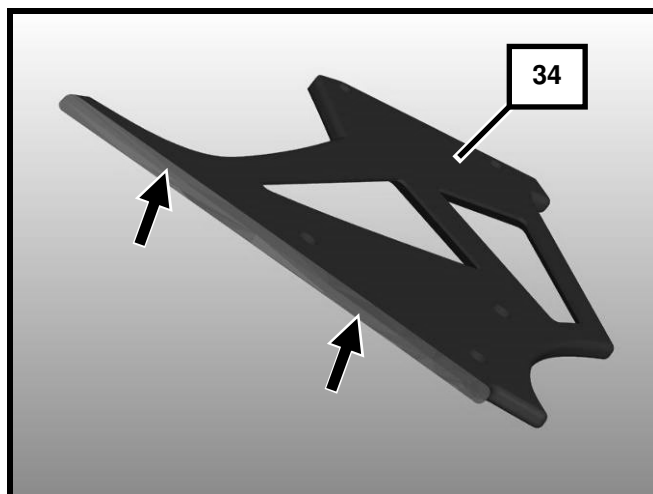


Fig. 62

- 8 Fasten the TECHART mounting sheet (34) with the screws M8x30 through the TECHART base frame 081.100.811.100 (33) and the TECHART polystyrene sheet 081.100.811.212 (35) into the TECHART insert sheet 081.100.811.202/203 (36); do not tighten yet!

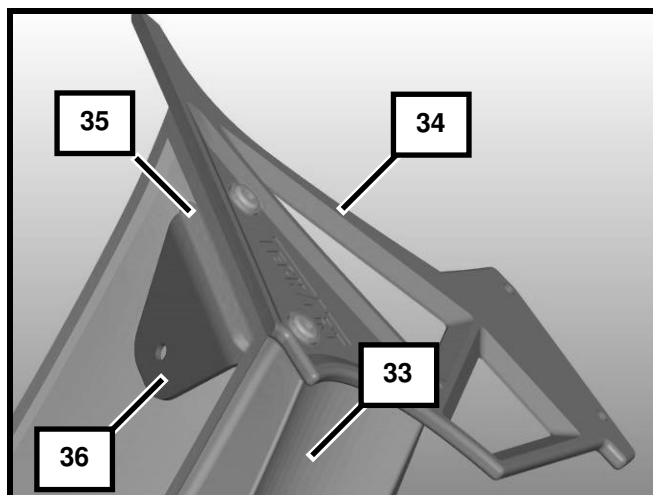


Fig. 63

- 9 Apply the PU-glue onto the TECHART base frame (33).

(i) Caution: Spare the water drain!

- 10 Fit the TECHART base frame (33) onto the original tailgate.

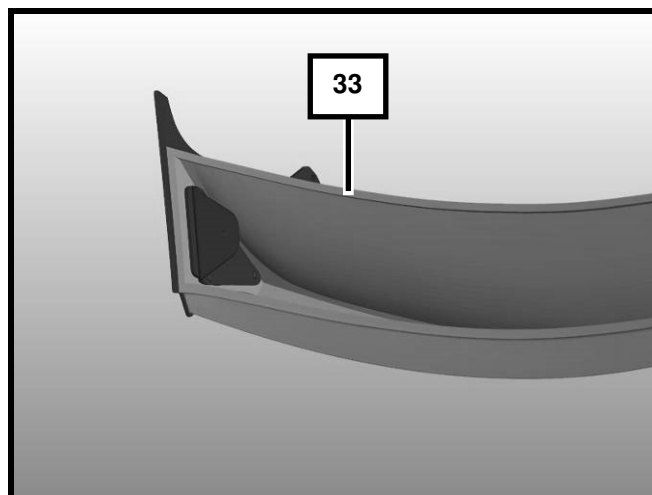


Fig. 64

- 11 Tighten the TECHART insert sheet (36) with the screw M5x16 through the hole of the stopper at the tailgate.
- 12 Re-install both stoppers into the tailgate.



Fig. 65

- (i) Press on firmly in areas coated with adhesive. Check for an accurate fit – Immediately remove any PU adhesive that escapes using a cleaning agent.**
- (i) Allow to dry for at least 12 hours.**

i For the Cayman GTS only the “A”-setting is permitted.

There are 2 profile settings:

- A = street version
- B = racing version

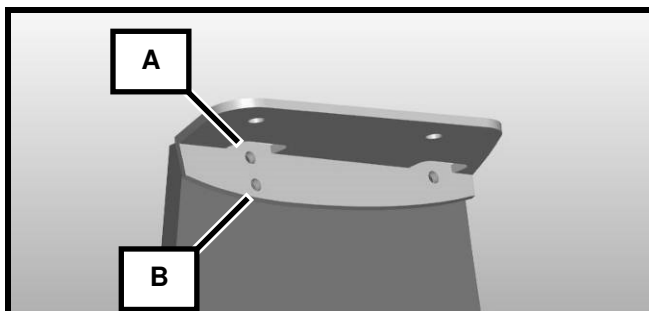


Fig. 66

A = street version

- 13 Tighten the TECHART base sheet plate right and left 081.100.811.210/211 (37) with the screw M6x12 to the TECHART mounting sheet (34).

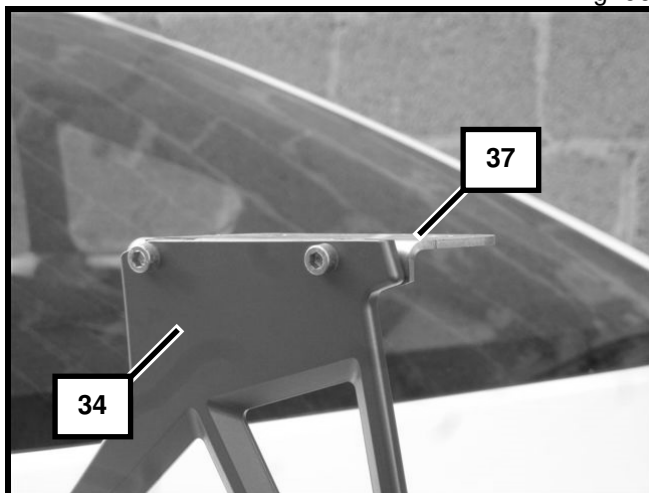


Fig. 67

B = racing Version (not permitted for the GTS)

- 14 Tighten the TECHART base sheet plate right and left 081.100.811.210/211 (37) with the screw M6x12 to the TECHART mounting sheet (34).

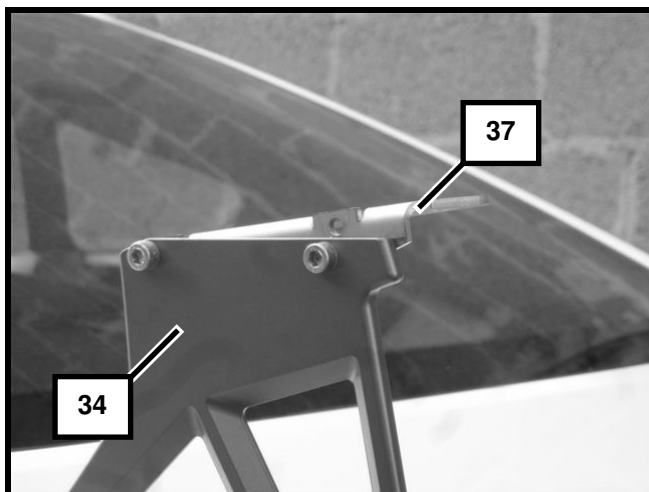


Fig. 68

- 15 Stick the TECHART black foil 081.140.811.009 in to the recess of the TECHART wind profile 091.100.810.200 (38).

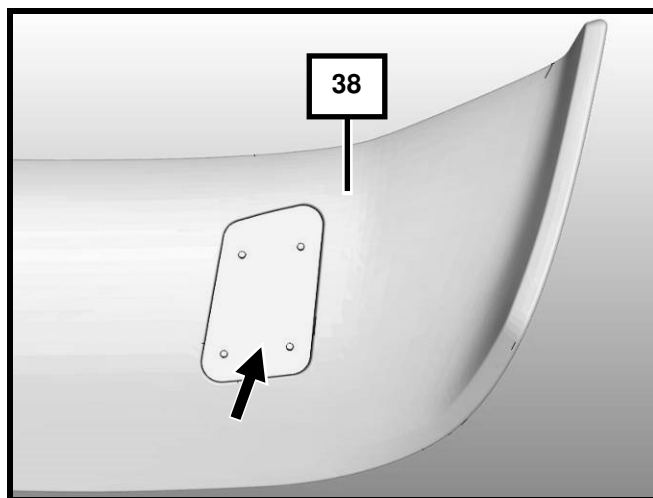


Fig. 69

- 16 Apply the TECHART wing profile 091.100.810.200 (38) to the TECHART mounting sheet (34) and the TECHART base metal sheet (37).
- 17 Tighten the TECHART wing profile (38) with the screw M5x16 through the TECHART base sheet PU 081.100.811.220/221 (39) and the TECHART base metal sheet (37).

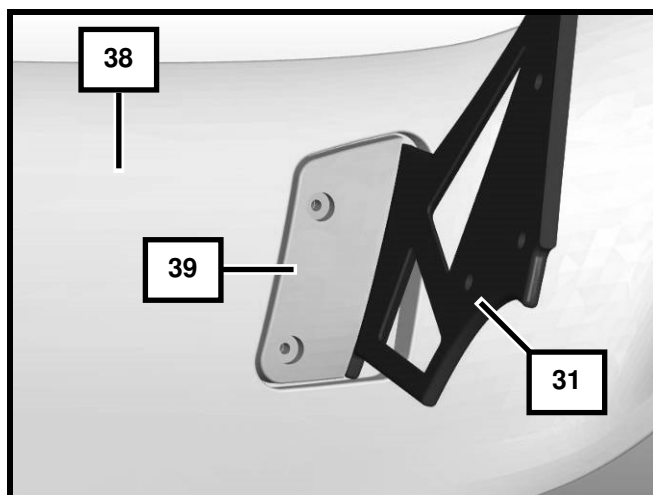


Fig. 70

- 18 Replace the original tailgate damper with the TECHART damper 081.100.811.400 (40).

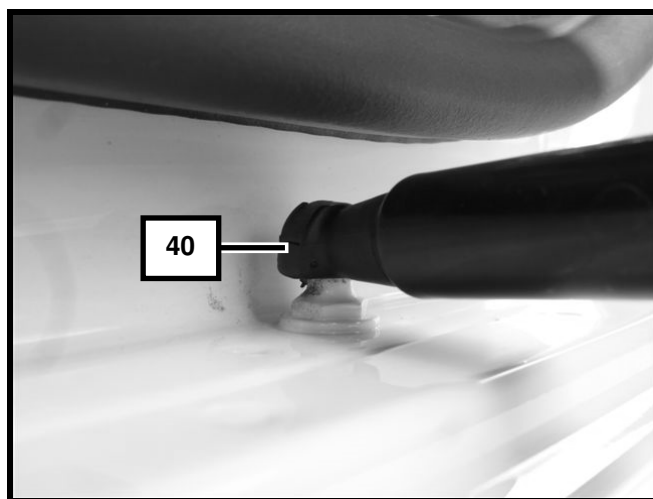


Fig. 71



ASSEMBLY INSTRUCTIONS

TECHART Aero-Kit for 718 Boxster & Cayman

6 Finishing touches, final inspection

- 1 Perform a general function test of the vehicle. Check the illumination.



ASSEMBLY INSTRUCTIONS

TECHART Aero-Kit for 718 Boxster & Cayman



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