



ASSEMBLY INSTRUCTIONS

TECHART Air Suspension Module “Sport”

for Porsche Cayenne from MY11 and Macan as of MY14

Part-no. 000.200.380.009

Version 06 – 03/2020





ASSEMBLY INSTRUCTIONS

TECHART Air suspension module "Sport"

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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;">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/electronics systems.</p>	
 	<p style="text-align: center;">WARNING</p> <p>Hydraulic oil can lead to heavy injuries under pressure squirting out.</p> <p>Poisoning danger by swallowing hydraulic oil.</p> <p>Danger of injury by irritations at contact of hydraulic oil with eyes, mucous membrane and skin.</p> <p>Protective clothing and safety goggles carry. Avoiding contact with eyes, mucous membrane and skin.</p> <p>Not eating, drinking or smoking at dealing with hydraulic oil.</p>	     



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 	<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>	



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II Preparation

Help and support

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

Check TECHART parts kit for completeness

Quantity	Part number	Part designation
1	000.200.380.009	TECHART Air Suspension Module "Sport"
Consisting of:		
1	000.200.380.009	Control Unit Air Suspension Module "Sport"
1	070.100.552.220	Sheet metal bracket
1	001900M6X20933	Hexagon screw, M 6x20, galvanized

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 Prepare vehicle

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



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2 Prepare TECHART air suspension module

- 1 Open the housing of the TECHART air suspension module and code according to the vehicle's specifics (see the following listings).

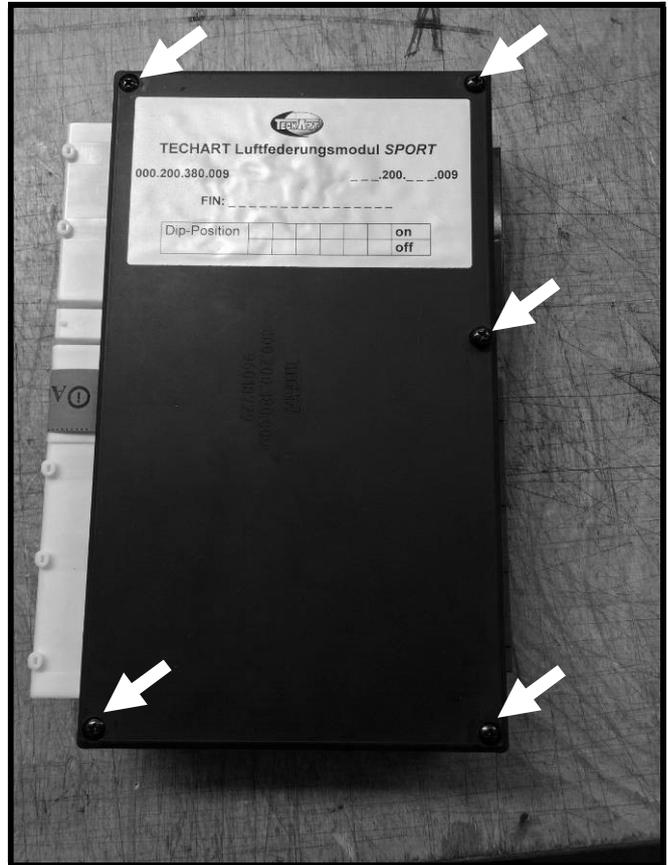


Fig. 01

i Remove the red flag "Attention uncoded" after the coding!

- 2 Porsche Cayenne 958 from MY11 (not GTS)

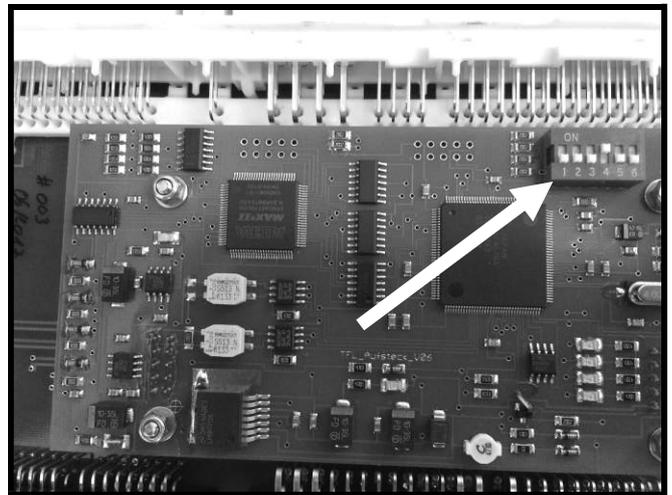
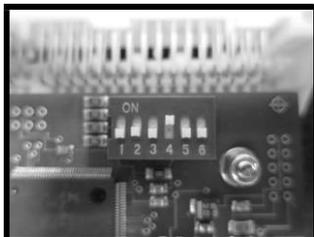


Fig. 02

- 3 Porsche Cayenne 958 as of MY15
(not GTS)

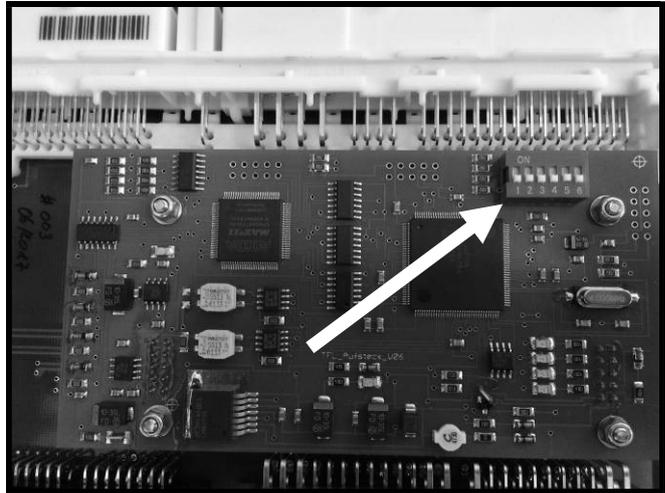
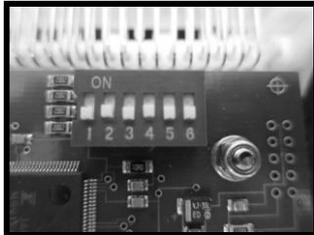


Fig. 03

- 4 Porsche Cayenne 958 GTS as of
MY15

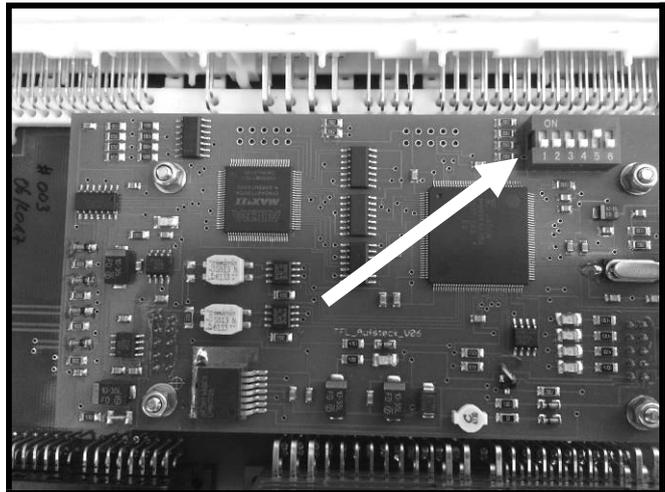
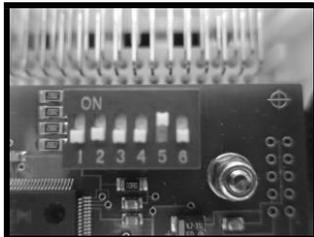


Fig. 04

- 5 Porsche Macan 95B as of MY14
(not GTS)

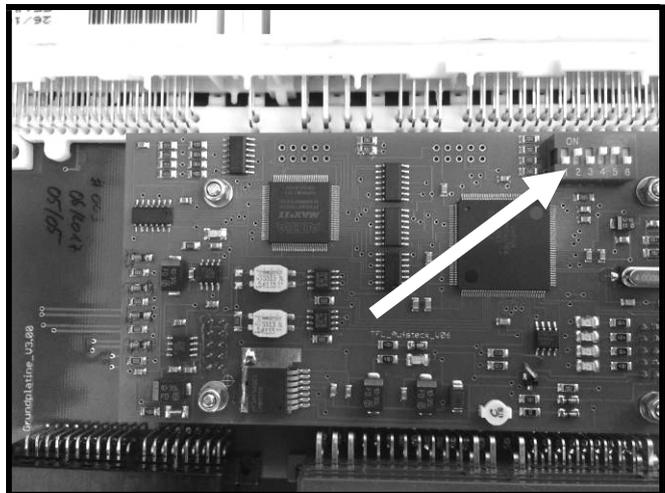
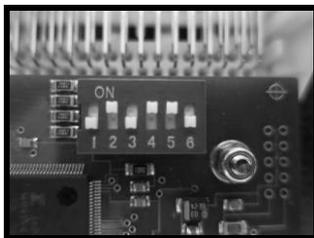


Fig. 05



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- 8 Close the housing of the TECHART air suspension module and tighten the five screws.

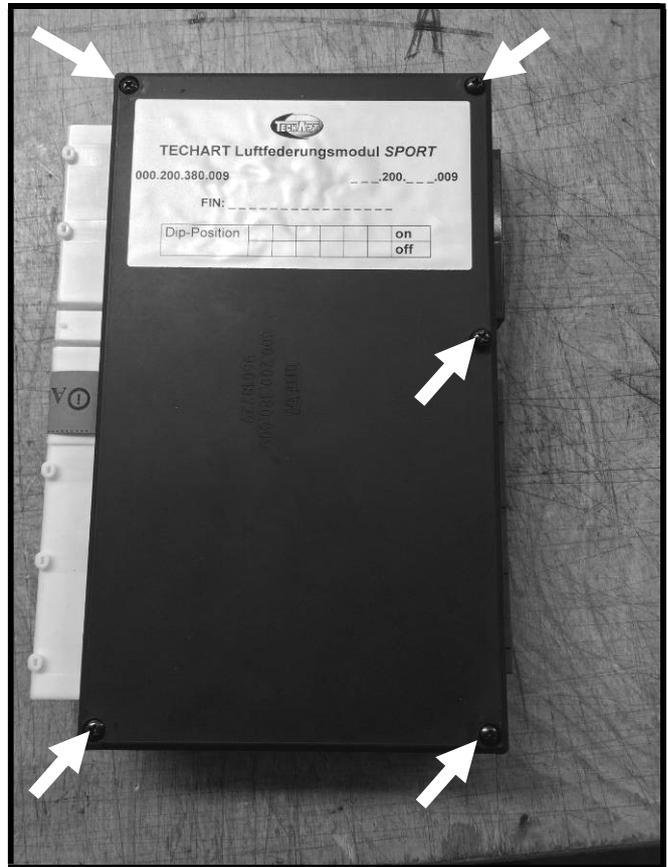


Fig. 08

3 Install air suspension module Macan before Facelift

- 1 Switch ignition off, remove key.
- 2 Remove trim flap at right rear of trunk.

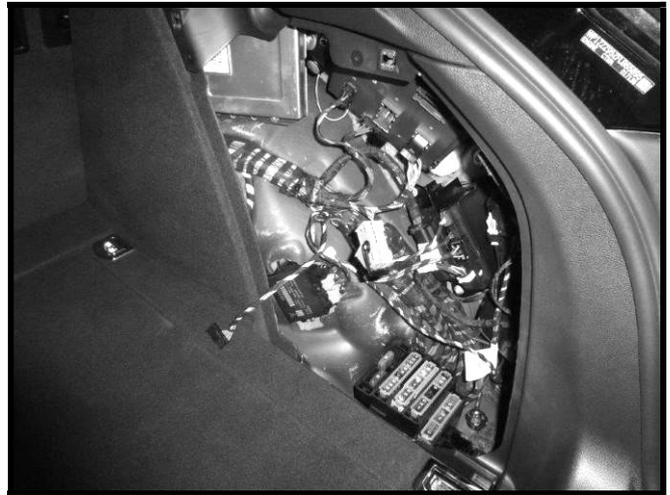


Fig. 09

- 3 First remove the trim of the loading rim then remove the entire rear trunk trim. For that untighten both nuts and remove the trim.



Fig. 10

- 4 After that remove the entire right panel (only plugged in).
- 5 Remove both compact plugs from the air suspension control unit.



First unplug the large and then the small combination plug.



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- 6 Dismantle the original air suspension with the bracket.
- 7 Install the bracket for the control unit further to the back (fig. 10). For that use the supplied bracket 070.100.552.220 and the screw M6 x 20.



Fig. 11

- 8 Insert the large and the small compact plug into the TECHART air suspension module in reverse order.
- 9 Insert the compact plugs of the TECHART air suspension module into the original control unit air suspension.
- 10 Tighten the original air suspension control unit to the bracket.
- 11 Slide the TECHART air suspension module into the interspace, as shown.



Fig. 12



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Fig.13

i Please, care for sufficient clearance between the panel and the installed components.

12 Re-install the panel.

i It is imperative to reinstall the original air suspension control unit correctly into the bracket before putting into operation, otherwise the internal G-Force sensor of the control unit will calculate faulty values and sets the air suspension out of operation.

4 Install air suspension module Macan Facelift

- 1 Switch ignition off, remove key.
- 2 Remove trim flap at right rear of trunk.



Fig. 14

- 3 First remove the trim of the loading rim then remove the entire rear trunk trim. For that untighten both nuts and remove the trim.



Fig. 15

- 4 After that remove the entire right panel (only plugged in).
- 5 Remove both compact plugs from the air suspension control unit.

 **First unplug the large and then the small combination plug.**



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- 6 Insert the large and the small compact plug into the TECHART air suspension module in reverse order.
- 7 Insert the compact plugs of the TECHART air suspension module into the original control unit air suspension.
- 8 Fasten the TECHART bracket 070.100.552.231.
- 9 Slide the TECHART air suspension module into the interspace and tighten the original air suspension module with the bracket.



Fig. 16



Fig. 17



Please, care for sufficient clearance between the panel and the installed components.

- 1 Re-install the panel.



It is imperative to reinstall the original air suspension control unit correctly into the bracket before putting into operation, otherwise the internal G-Force sensor of the control unit will calculate faulty values and sets the air suspension out of operation.

5 Install air suspension module Cayenne

- 1 Switch ignition off, remove key.
- 2 Open trim at right rear of trunk and remove the first aid kit. The control unit is now accessible.
- 3 Remove the two compact plugs from the air suspension control unit.

i Disconnect the large combination connector first and then the small one.

- 4 Plug the large and the small combination connectors into the TECHART air suspension module in the reverse order.
- 5 Connect the compact plug of the TECHART air suspension module into the original control unit air suspension.
- 6 Fasten the TECHART air suspension module to the original control unit air suspension.
- 7 Put first aid kit back in place and reinstall trim.



Fig. 18

i The supplied sheet metal brackets as well as the screw M6 x 20 will only be used for the Macan.

6 Perform a test drive

- 1 Using the PIWIS system tester III, read out all fault memories of the vehicle and erase/rectify any faults that are displayed.



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TECHART Air suspension module "Sport"



TECHART AUTOMOBILDESIGN GMBH

RÖNTGENSTRASSE 47
71229 LEONBERG / GERMANY

TEL +49 7152 / 9339- 0

FAX +49 7152 / 9339-33

info@techart.de

www.techart.de

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