



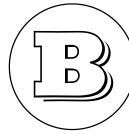
*Electrically extendable running boards and valve controlled sports exhaust for G63 6x6*

**463-330-00**



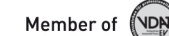
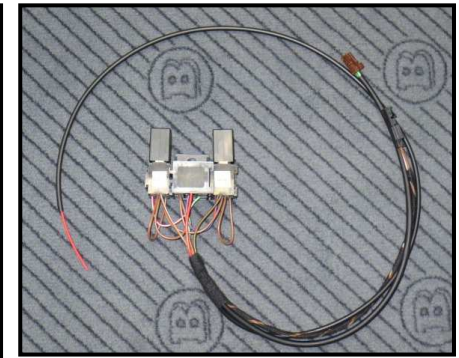
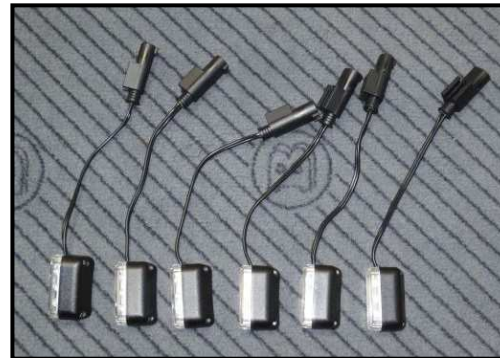
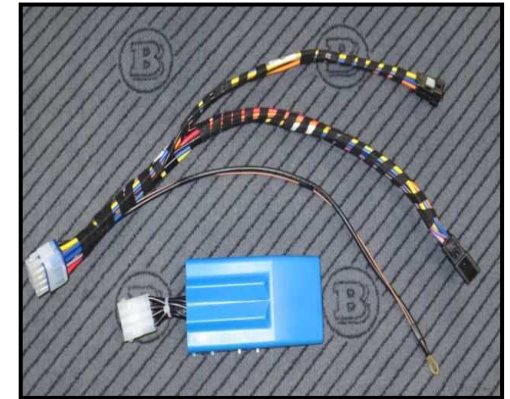
**BRABUS®**

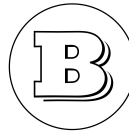
The product described in the instructions was developed, produced and checked considering the necessary safety requirements. In order to ensure a proper and safe function and to rule out danger for persons and objects, this product must be installed appropriately. Only trained, qualified staff, having the necessary technical experience and tools, should make the installation. Therefore you have to read and completely understand these instructions. Please read these instructions carefully and check the content of the parts supplied prior to assembly. Wear protective clothes.



**Content of delivery:**

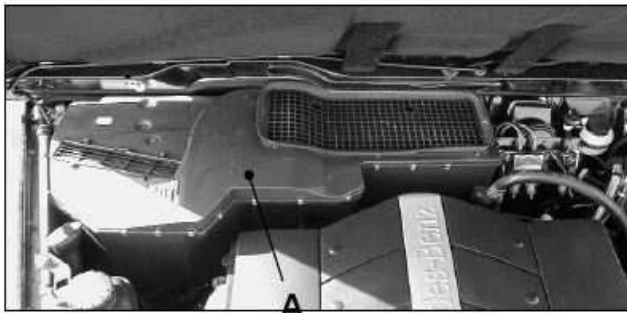
1. 1x 463-330- 00-K CAN-wiring harness
2. 1x 463-330-10-K Main wiring harness
3. 1x 463-356-00 Control unit „BRABUS Power Control“
4. 1x 463-678-63-TB-A Valve controlled sports exhaust 6x6
5. 1x 463-600-98 Assembly kit
6. 1x 463-600-95 Wiring harness for exhaust system
7. 1x 463-600-64 Control unit „BRABUS Power Control“
8. 1x ETB-MB-G-63-6x6 Set of running boards



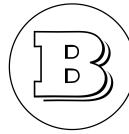


**Preparation:**

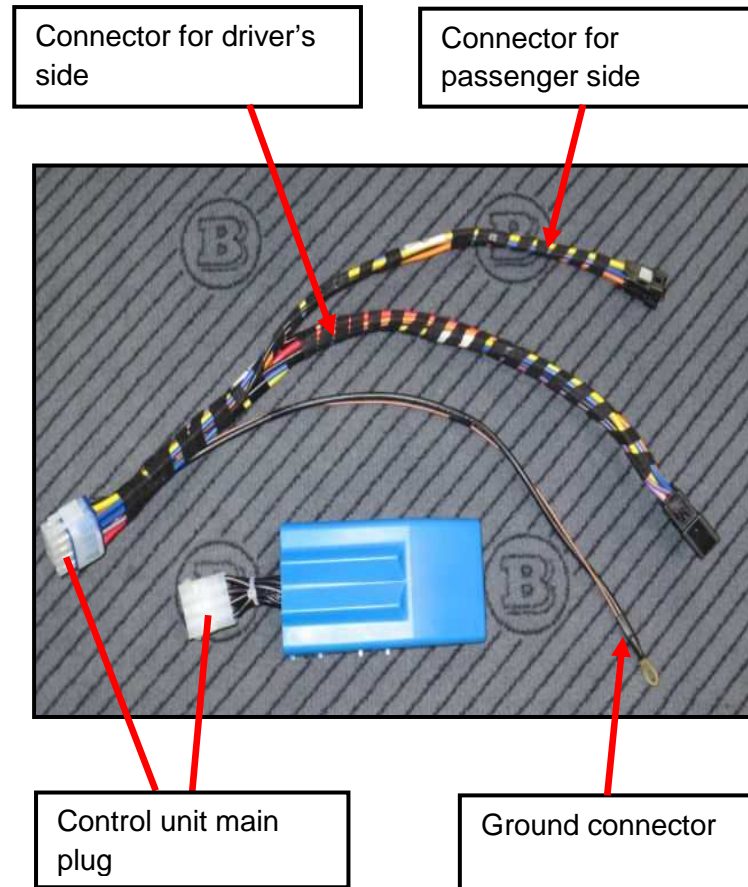
1. Open the bonnet and remove the blower housing (A) within the engine bay.

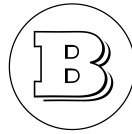


2. Remove both front wheelarch-liners.
3. Remove the glovebox and the left and right side lower dashboard cover.
4. Remove the standard rear silencers.
5. Disconnect the car main battery (in front of rear seats).



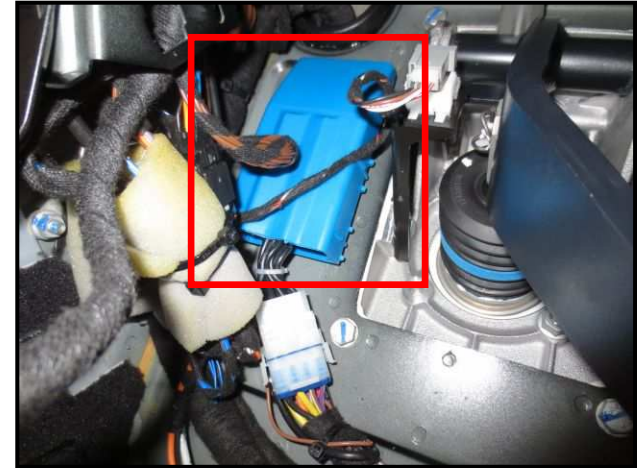
**Electrical connections:**





**Assembly:**

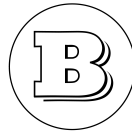
- Fixate the Brabus control unit behind the glovebox using velcro tape supplied according to image. Connect the main plug of the wiring harness to the control unit.



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- Connect the driver's side connector of the wiring harness to the control unit.





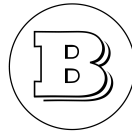
- Bolt the ground ring lug of the wiring harness to the ground terminal within the driver footwell.



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- Route the black, orange, yellow and blue wires of the wiring harness marked red within image beside from the passenger side to the driver side (**only these 4 wires, not the other wires!**) Attach the pins of the wires to the plug supplied (**colour-equal!**) and connect the plug to the passenger side connectors of the wiring harness shown on page 4.

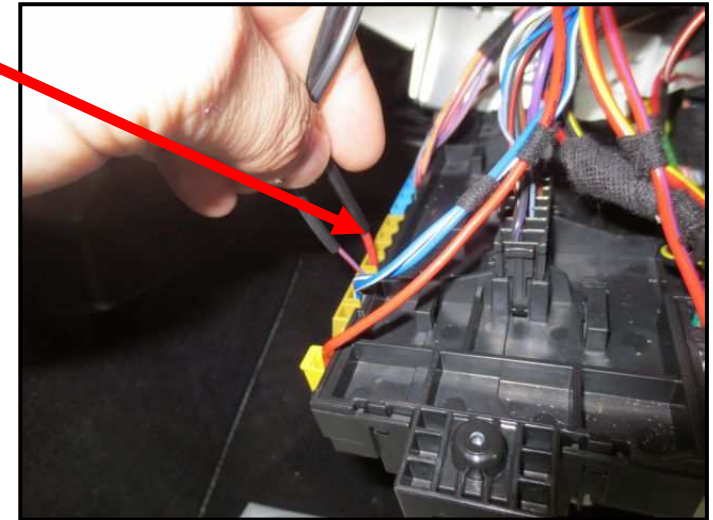


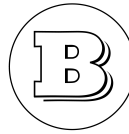


- Attach the red wire of the Brabus wiring harness to port **F207 (20 AMPS)** of the fuse board.



Attach to port F207 (20 Amps).





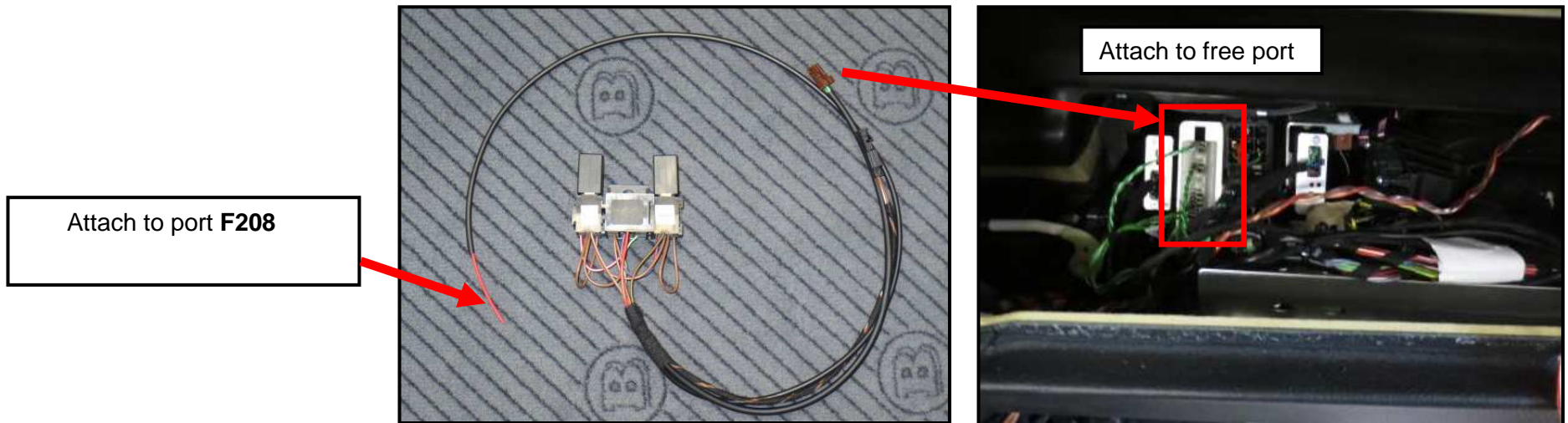
- Fixate the control unit shown according to image beside (bolt to bracket of standard relays using control unit bracket supplied). Fixate the standard relay to the bracket of the Brabus control unit using a cable tie.

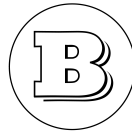


- Attach the brown CAN-plug of the Brabus wiring harness to a free port of the CAN-distributor shown (behind glovebox).

- Attach the red wire to port **F208** of the fuse board.

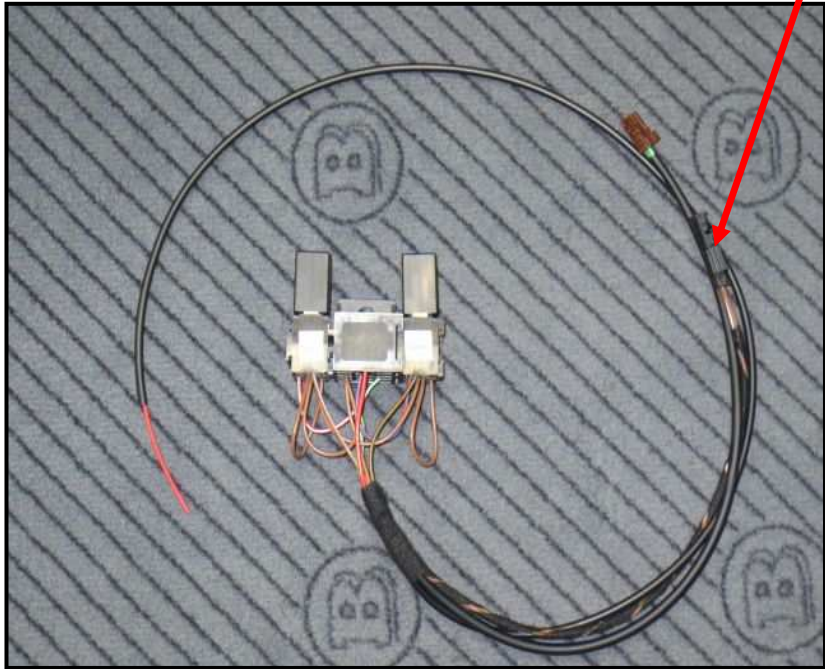
8

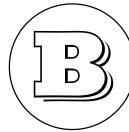




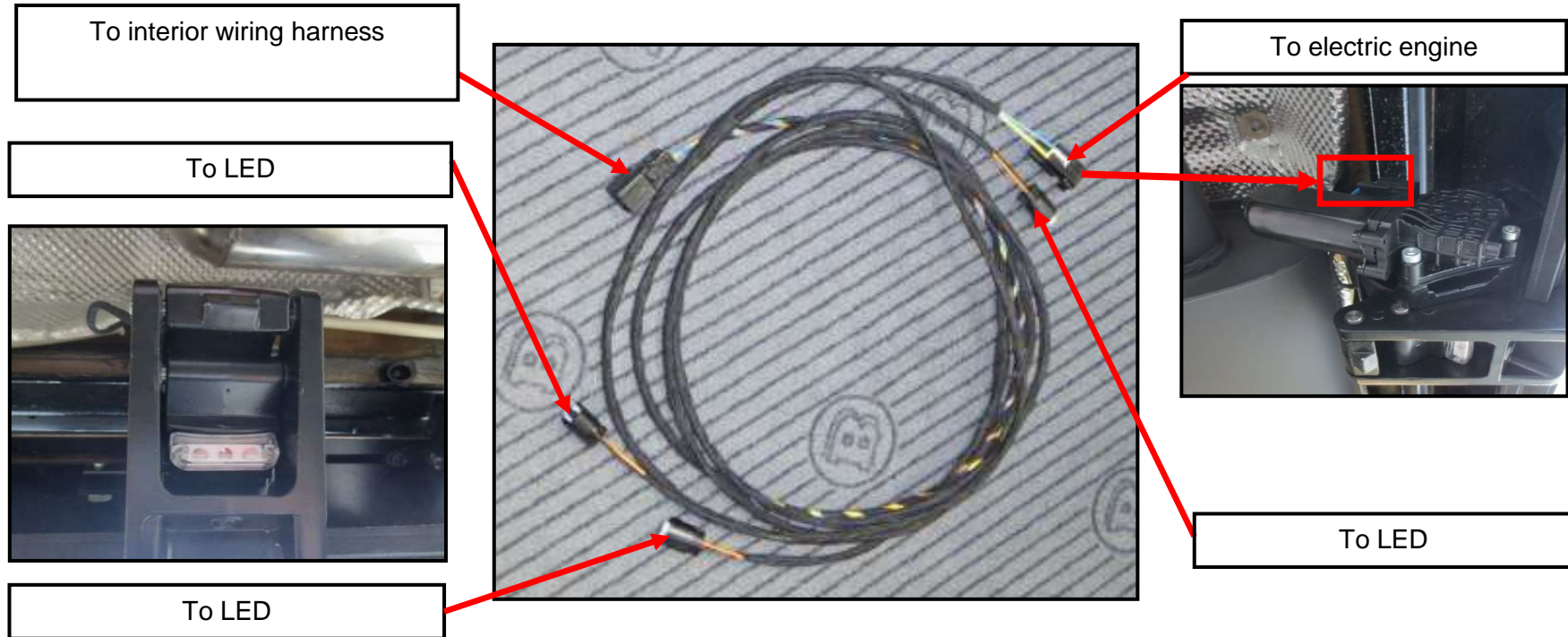
- Connect the 3-pole plug of the CAN-wiring harness to the wiring harness routed inside the passenger footwell (**colour-equal!**).

**Connect!**

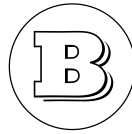




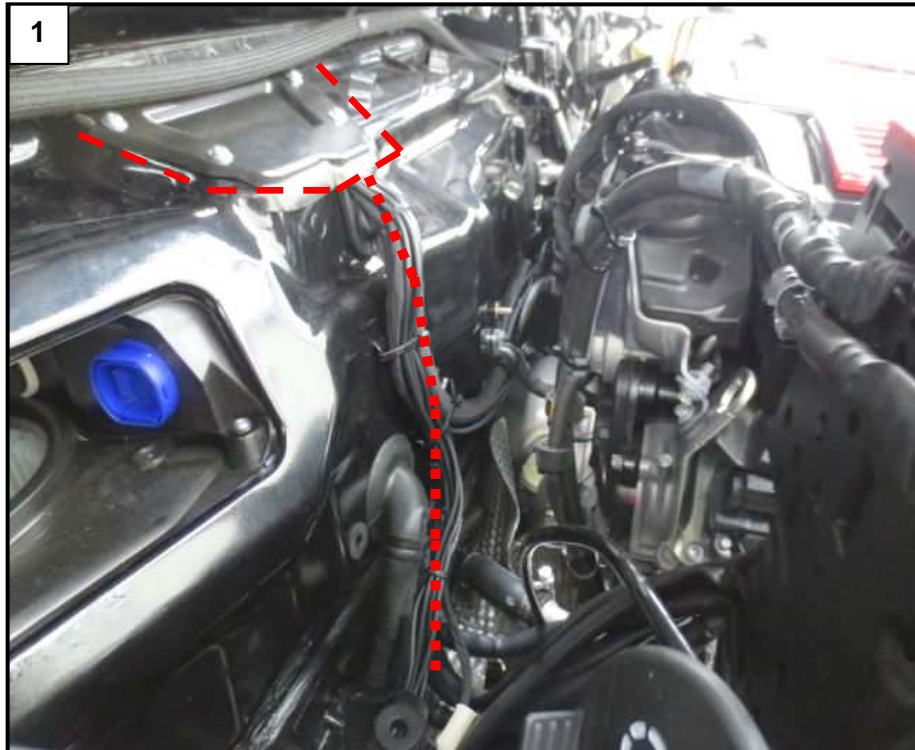
**Routing of passenger side wiring harness to passenger side running board:**

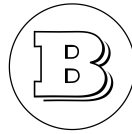


Fixate the LED-lights to the running board joints using the adhesive tape on back of the lights according to images (centered within openings of joints, carefully degrease!) Route the wires of the lights backward behind the joints, make sure these cannot be kinked/ squeezed when the running boards do extend/ retract. Fixate the wires to the brackets.



- Route the wiring harness of the passenger side running board to the passenger side interior harness.
- Remove the cover shown within the engine bay (fig. 1) in order to be able to route the wiring harness into the engine bay. Carefully cut the rubber grommet. Do not yet re-attach the cover!

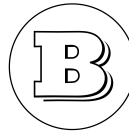




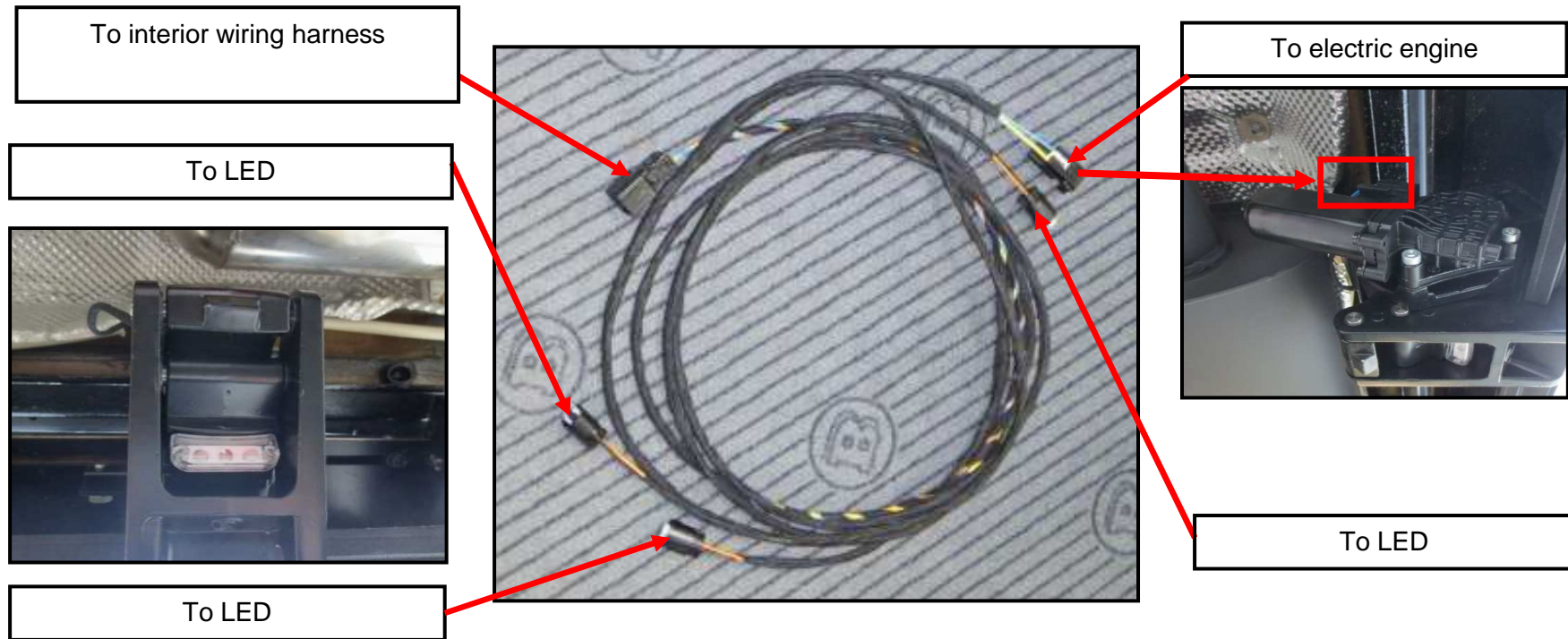
- Route the wiring harness of the passenger side to the right running board (between wheelarch-liner and fender, according to fig. 1).
- Fixate the wiring harness to the heat-shield shown using brackets supplied according to images. Take care for sufficient gap between the wires and the exhaust system!



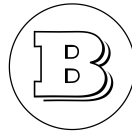
12



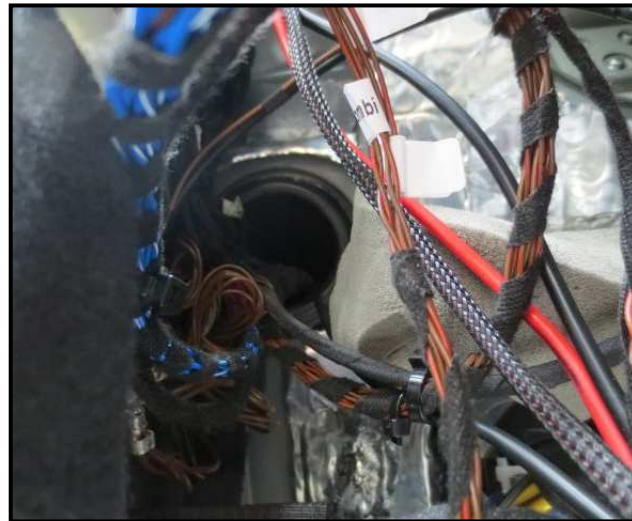
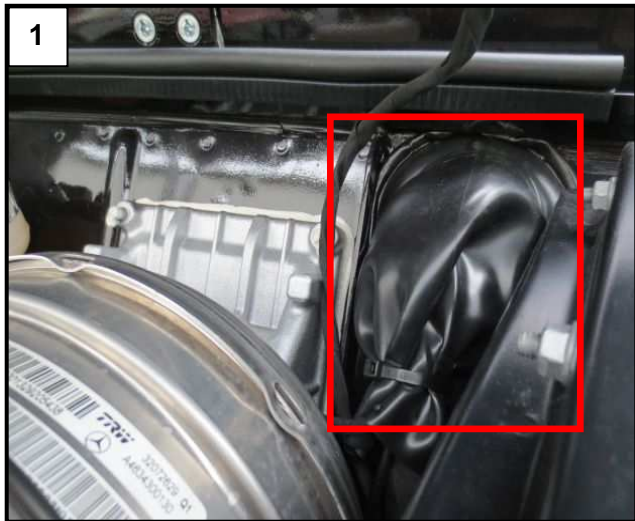
**Routing of driver side wiring harness to driver side running board:**

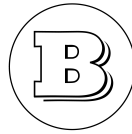


Fixate the LED-lights to the running board joints using the adhesive tape on back of the lights according to images (centered within openings of joints, carefully degrease!) Route the wires of the lights backward behind the joints, make sure these cannot be kinked/ squeezed when the running boards do extend/ retract. Fixate the wires to the brackets.

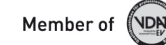


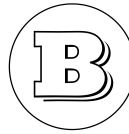
- Route the wiring harness on the driver side out into the engine bay (through rubber grommet, according to fig. 1).
- Route the wiring harness to the driver side running board (between wheelarch-liner and fender, according to fig. 2).





- Fixate the wiring harness to the heat-shield shown using brackets supplied according to images. Take care for sufficient gap between the wires and the exhaust system!





**Running board assembly:**

**Content of running board-set:**

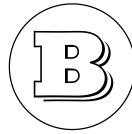
1.12x	Hexagon screw	M10x 45mm
2.6x	Cheese-head screw	M6x 35mm
3.6x	Lock screw	M8x 30mm
4.24x	Hexagon screw	M8x 20mm
5.23x	Cheese-head screw	M6x 20mm
6.6x	Lock nut	M8
7.12x	Washer	M10
8.24x	Washer	M8
9.6x	Washer	M6



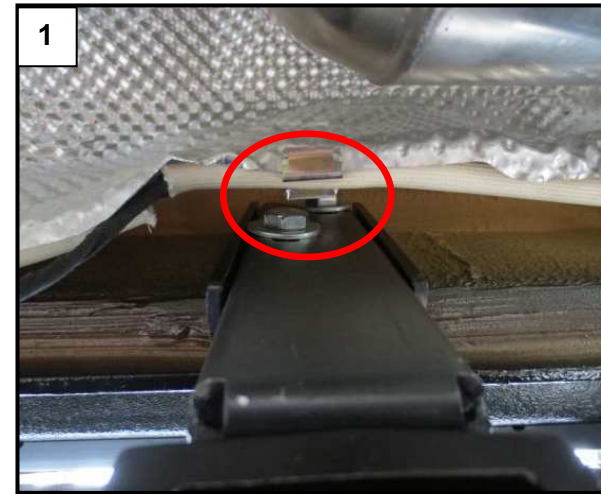
***Attention:***

**In order to reach a proper and smooth function of the running boards do not yet finally tighten the bolt connections until the running boards are tension-free aligned!**



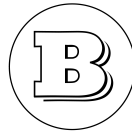


- Bolt the 3 U-supports to the car body (behind standard running board-brackets, fig. 1). Use each 2x M10x45-screws and washers.



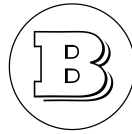
- Bolt the U-supports to the lower area of the standard running boards (fig. 2).



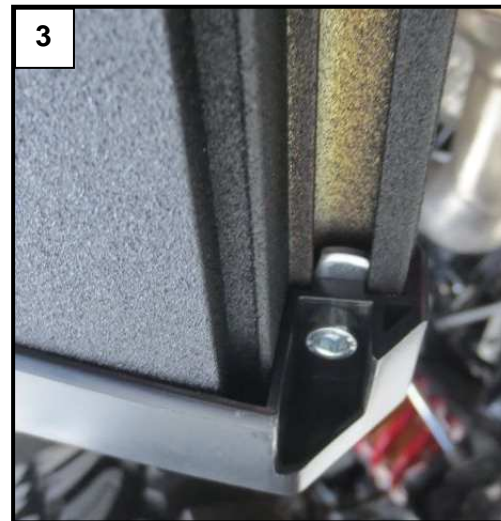


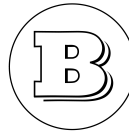
- Bolt the joints to the brackets (the joints the electric engines are to be assembled to each the middle bracket fig. 1) by using each 4 M8x20mm-screws with each one washer.
- Bolt the joints to the U-supports (on the inner side, using lock screws M8x25mm and lock nuts, fig. 3).





- Make sure 3 rubbing blocks are attached to each running board (fig. 1). Bolt the joints to the running boards using 12 screws M6x20mm (fig. 2).
- Attach the end caps to the four running board edges using screws M6x20mm (fig. 3).



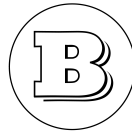


- Bolt the electric engines to each the middle joints using cheese-head screws M6x35mm (3x) and washers.



**Attention:**

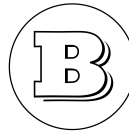
If one of the electric engines operates in opposite direction of rotation the pins of the plug of the engine must be exchanged against each other! Adhere the plugs of the electric engines.



- Attach the stickers which show the maximum carrying capacity of the running boards to each of the 4 running board edges.



- Check the function of the electric running boards, make sure these extend/ extract smoothly. Re-align, if necessary.
- Do not yet re-attach the glovebox and the lower dashboard covers!



## Assembly of stainless steel valve controlled sports exhaust:

### Included in delivery of stainless steel valve controlled exhaust:

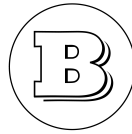
1x	Set of rear silencers left/ right	463-678-63-TB-A
1x	Control unit	463-600-64
1x	Wiring harness	463-600-95
1x	Piezo beeper	
1x	Assembly kit	463-600-98,

### **consisting of:**

1x	Control valve	275 153 01 59
1x	Filter	117 078 09 81
1x	Control valve bracket	271 141 13 40
2,6m	Low pressure plastic tube	000 158 14 35
2x	T hose-connectors 4 mm	WU 50025029
14x	Clamp	WU 541001085
1,5m	Low pressure hose 3.5 mm	BE 298190

### **Optionally available:**

Control button	176-670-82
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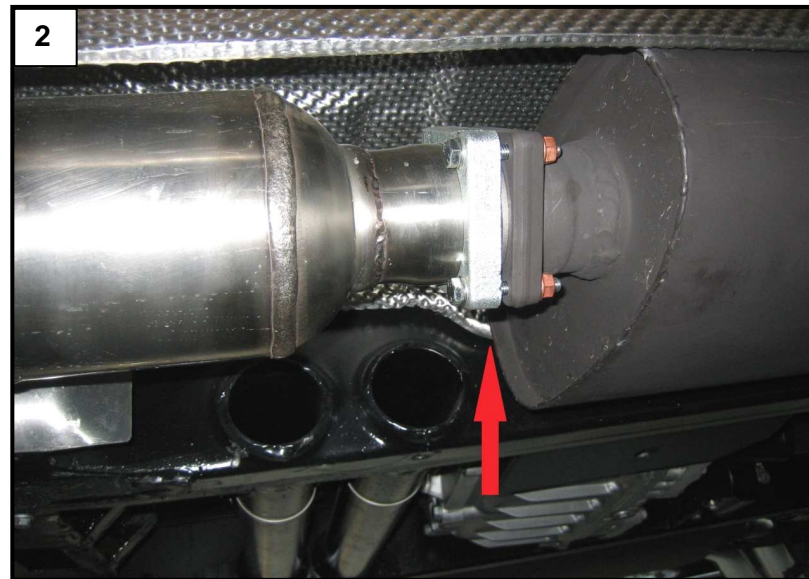
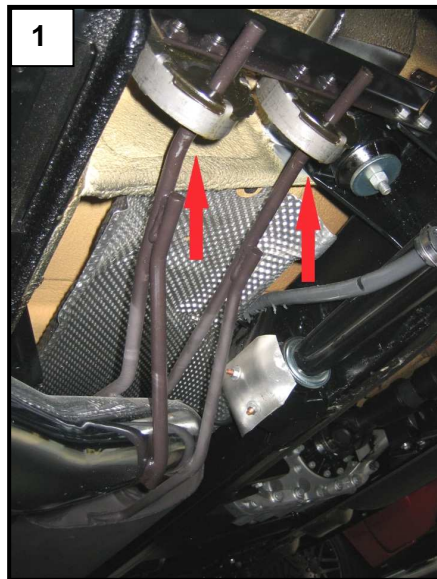


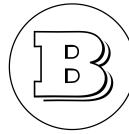
**Preparation:**

- Lift the car on a suitable platform at the Mercedes-Benz prescribed lifting positions with due regard to valid safety guidelines.

**Assembly of Brabus rear silencers:**

- Attach the exhaust carriers supplied for the left and right side (fig. 1).
- Apply a few silicone fluid to the exhaust rubber supports in order to be easier able to attach the rear silencers to the brackets.
- Lead the exhaust brackets to the rubber supports and fixate the rear silencers (fig. 2).

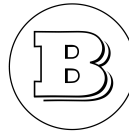




**Assembly of control valve:**

- Attach the control valve to the bracket supplied (fig. 4).
- Cut the delivered low pressure hose (rubber) to the lengths mentioned in fig. 6 and connect them to the control valve connectors (fig. 5).





**Attention!**

**The way the control is connected depends on the fact which type of exhaust flaps are attached to the silencers!**

Please check if the flaps are open (version B) or closed (version a) out of the box.

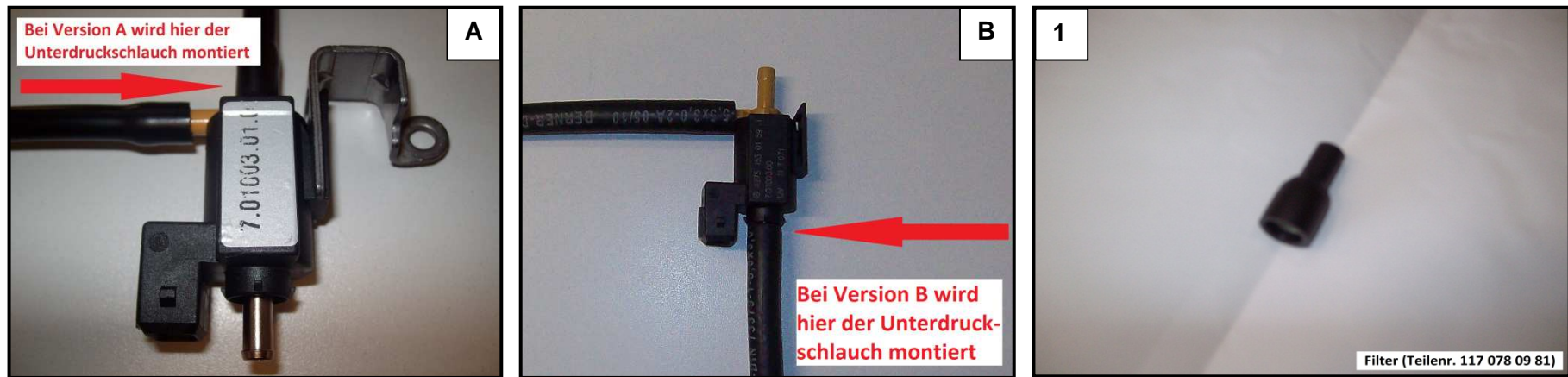
**Version A:**

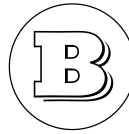
If the flaps are open, the low pressure hose is connected to the orange connector (fig. A).

**Version B:**

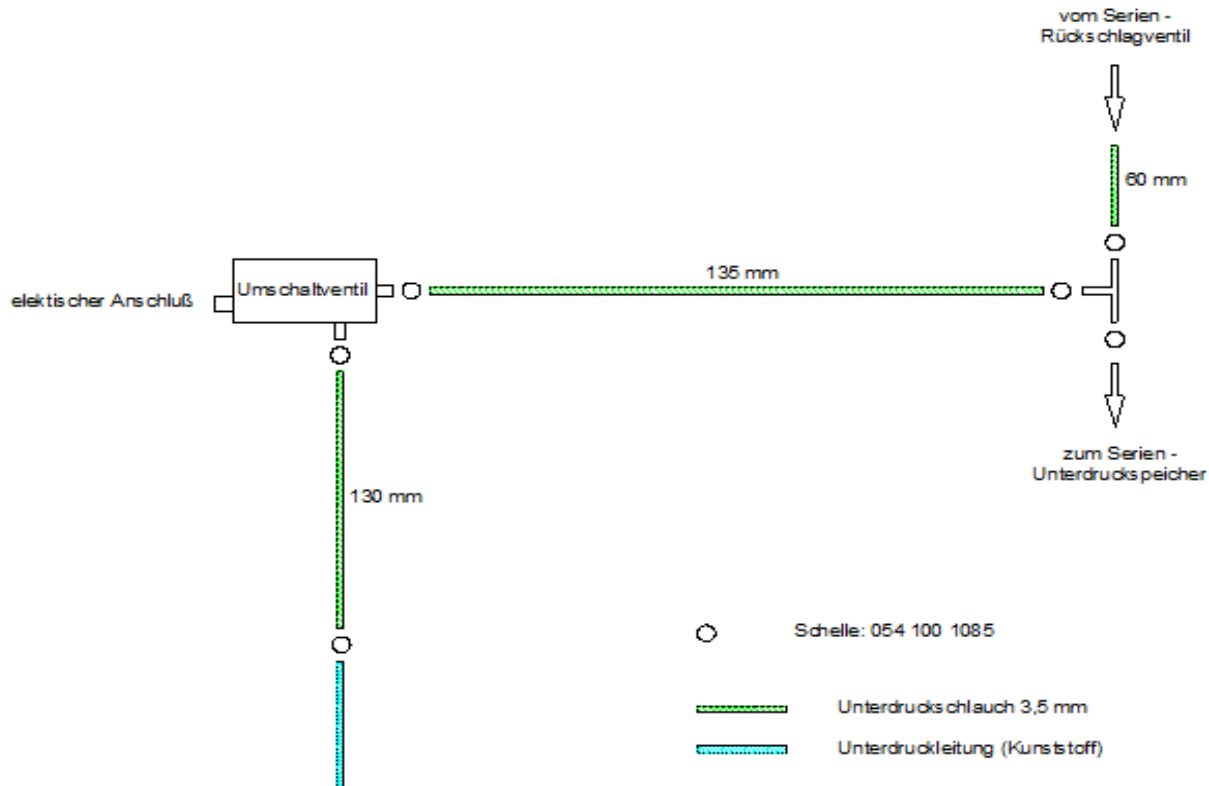
If the flaps are closed, the low pressure hose is connected to the metal connector (fig. B).

Attach the filter supplied to the not used connector (fig. C).





**Low pressure piping at control valve:**

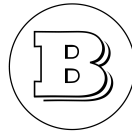


Required lengths:

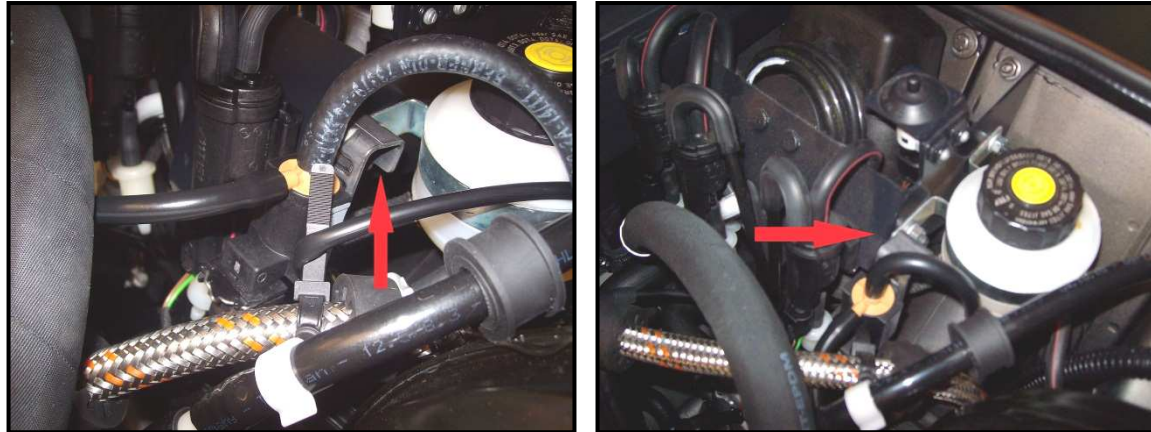
- 1x 60 mm
- 1x 135 mm
- 1x 130 mm

- Connect each low pressure hose according to illustration and secure each connection using a clamp.

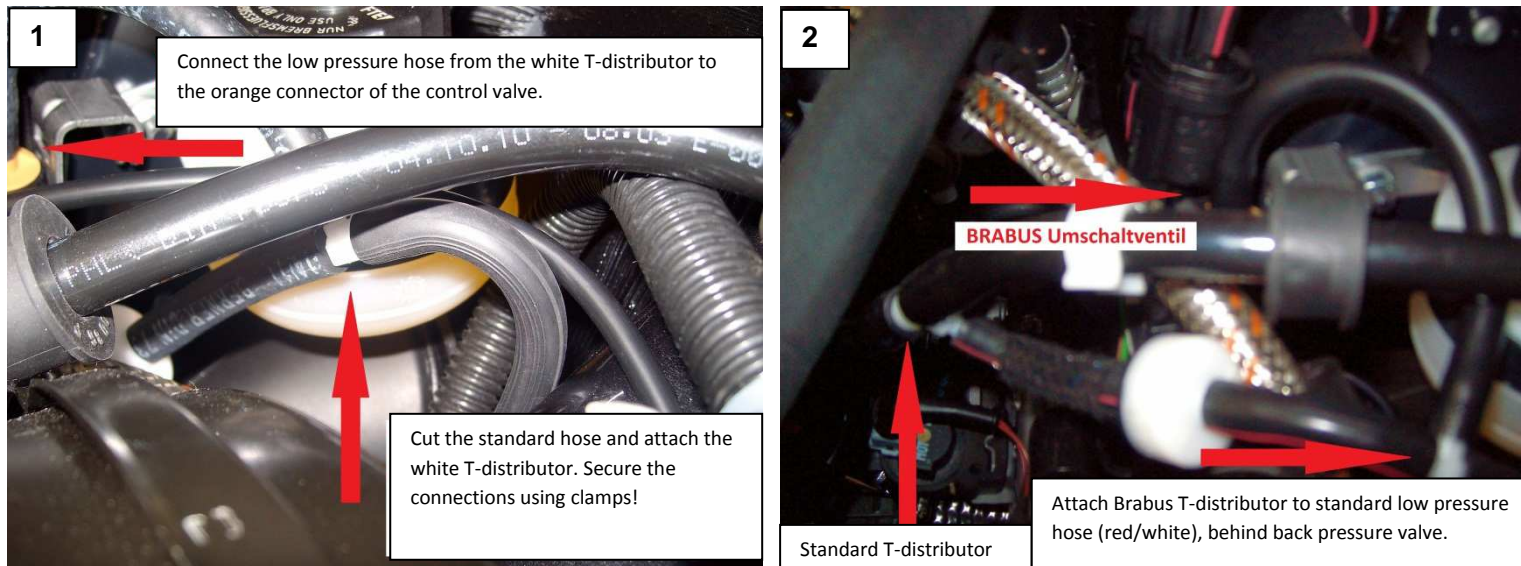


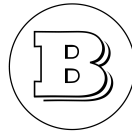


- Attach the control valve using the bracket supplied to the assembly position of the brake fluid reservoir.

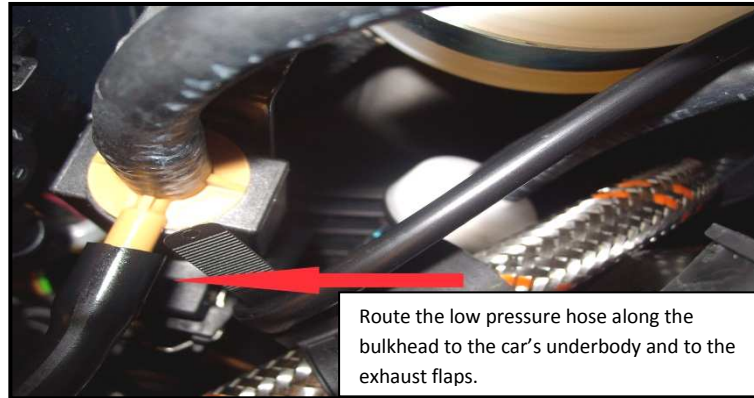


- Connect the low pressure hoses to the control valve according to figures 1 & 2.

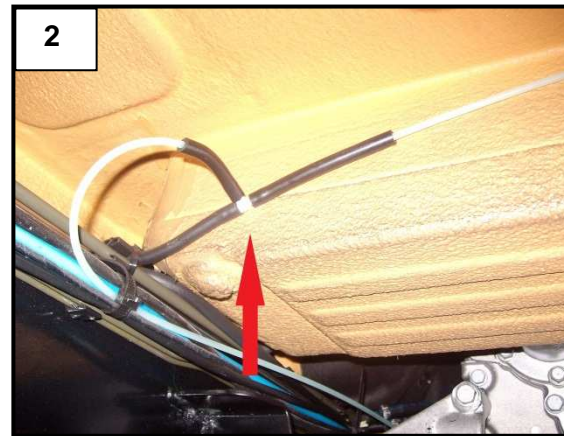
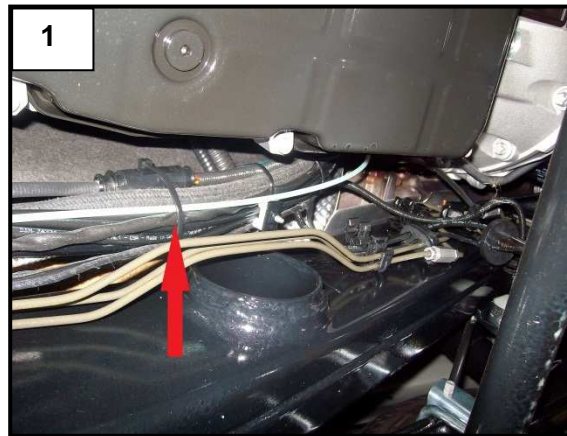


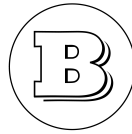


- Extend the 130mm long low pressure hose using the 2250mm long piece of low pressure pipe and route it along the bulkhead to the car's underbody using another 60mm long piece of low pressure hose. Attach the end of the low pressure hose to T-distributor supplied (as per fig. 13).
- From the T-distributor two low pressure hoses are routed to the exhaust flaps. One to each side.

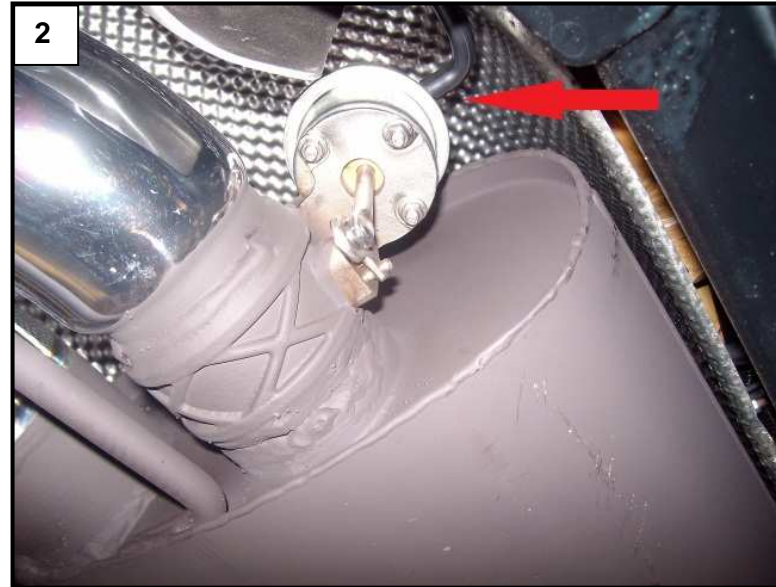


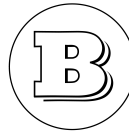
- Route the low pressure as per figures below, attach these to the car's underbody using cable ties (figs. 1, 2).



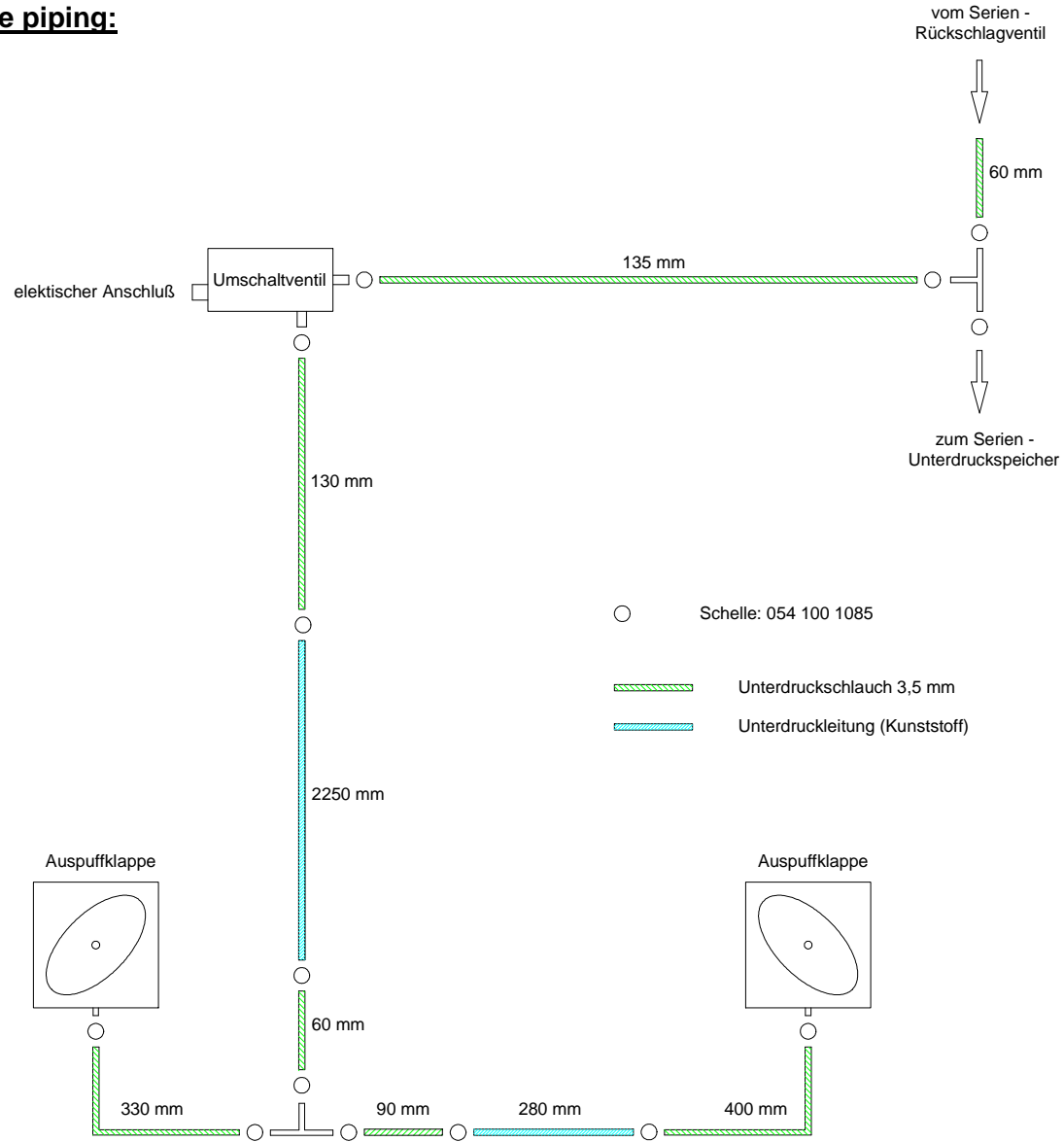


- Attach the low pressure hoses to the exhaust flaps and secure the connections using clamps (figs. 1, 2).



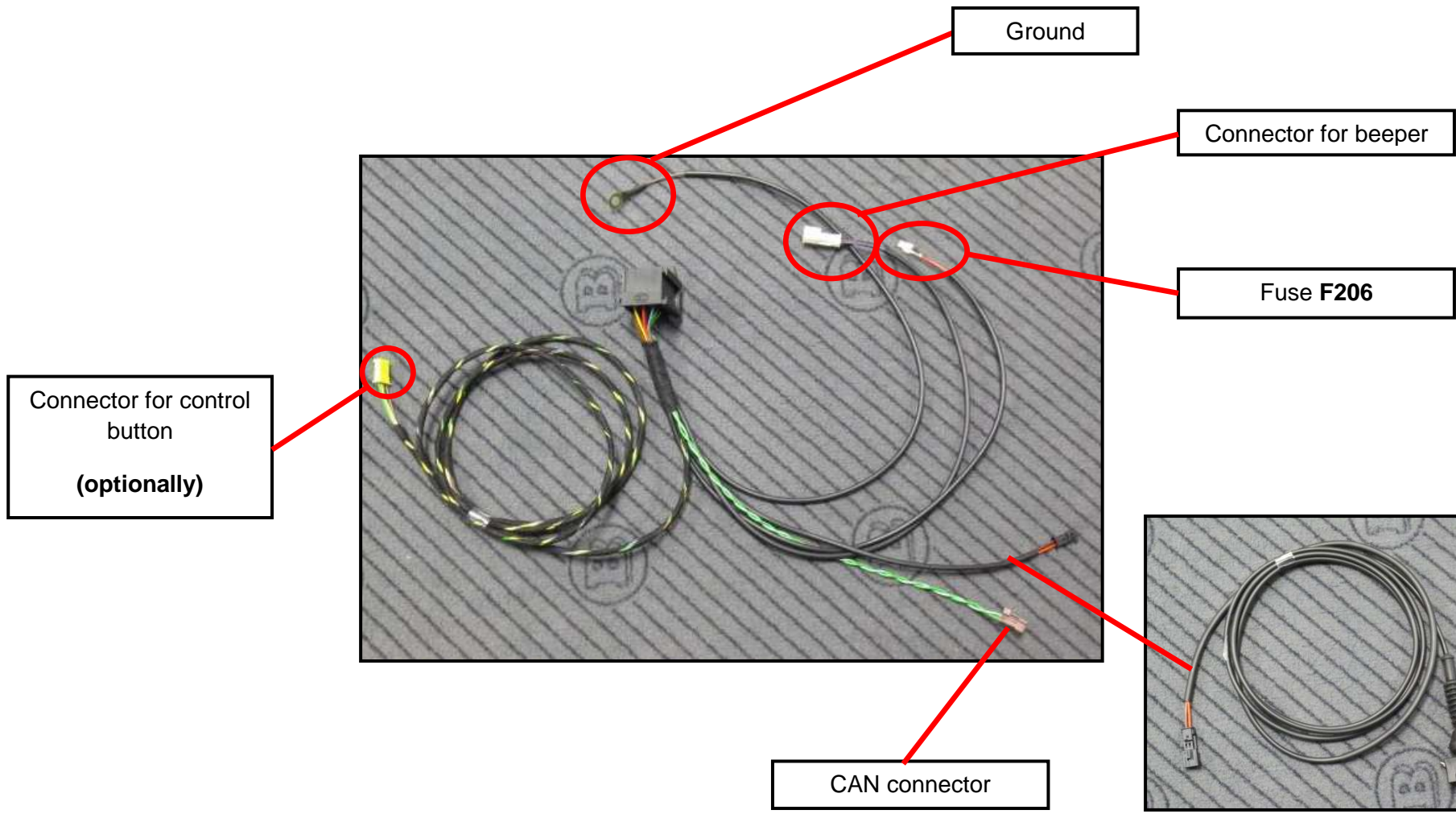


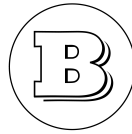
Overview of low pressure piping:



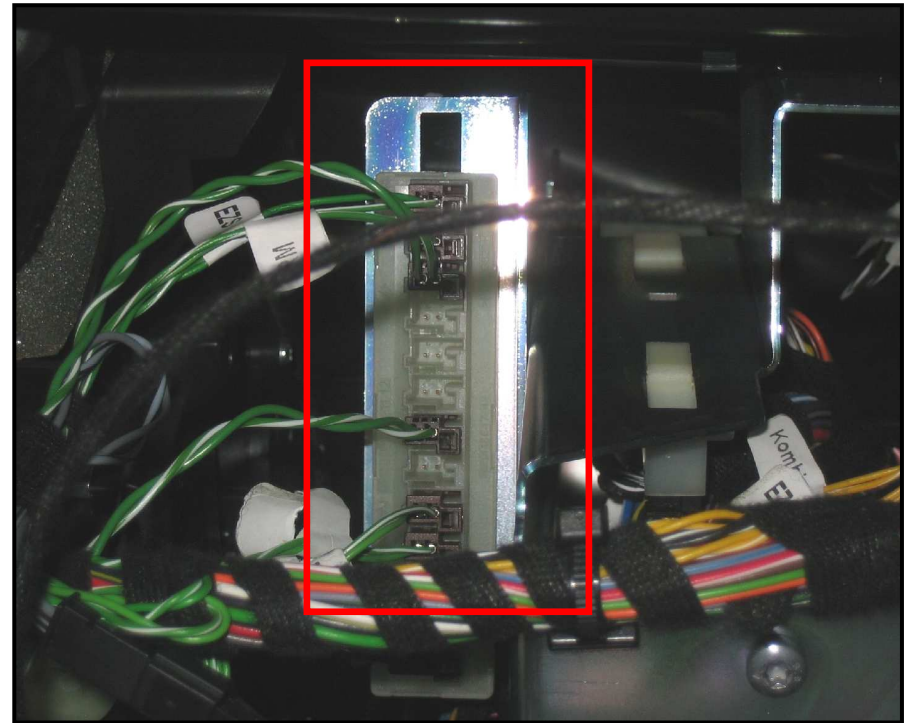


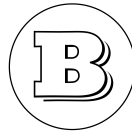
**Electrical connections:**



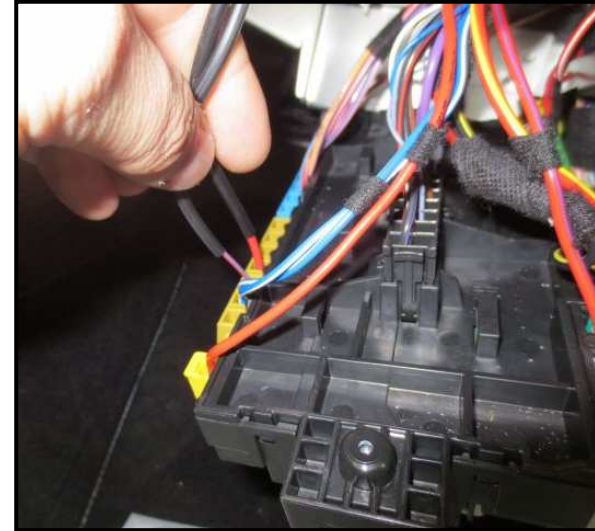


- Route the 2-pole, brown MQS-plug to the CAN-distributor, which is located below the glove box (fig.) Attach the plug to a free port of the CAN-distributor.



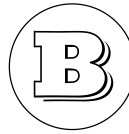


- Attach the red wire (power supply) to port **F206** of the fuse board.



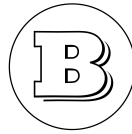
- Bolt the ground ring lug of the Brabus wiring harness to the ground terminal within the passenger footwell.



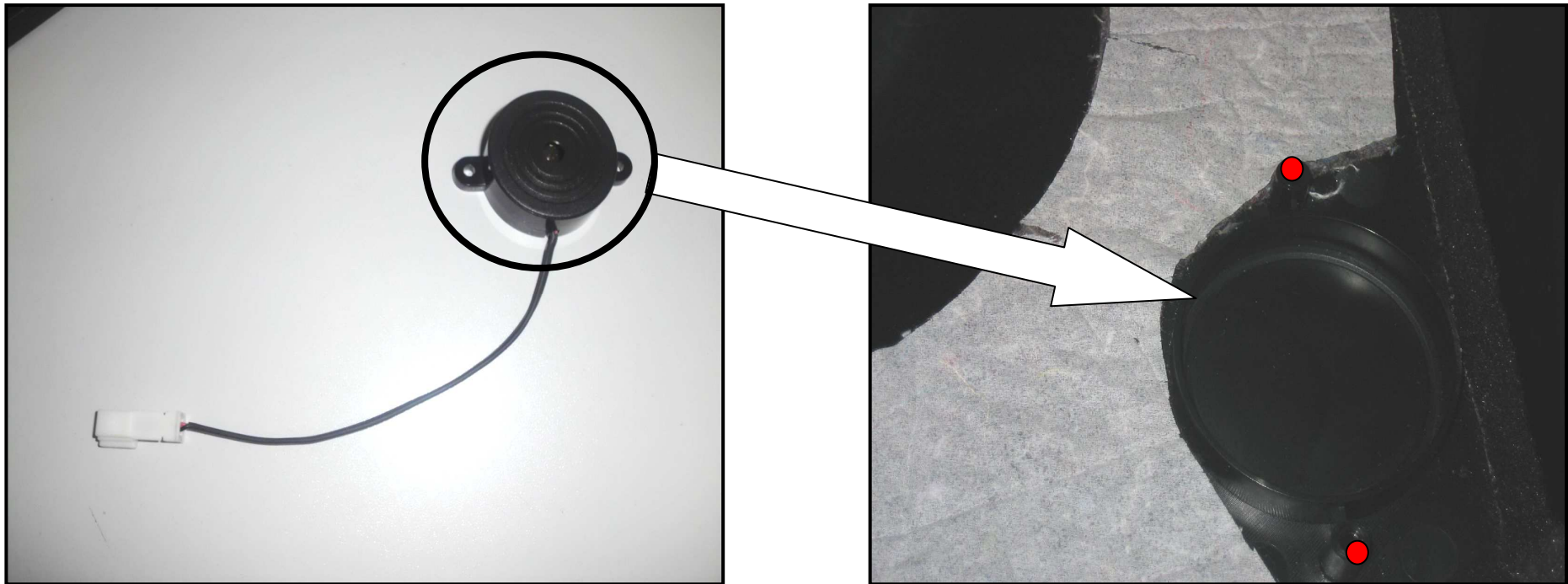


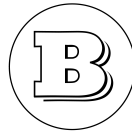
- Connect the 2-pole, black plug to the 2-pole socket of the control valve harness. Route the harness to the control valve within the engine bay (through rubber grommet on passenger side, fig. beside). Fixate the wiring harness using cable ties. Attach the plug to the control valve.
- Re-attach the cover.





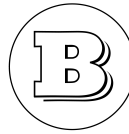
- Attach the beeper to the marked position (fig. below) of the right lower dashboard cover using tapping screws. Connect the beeper to the Brabus harness.





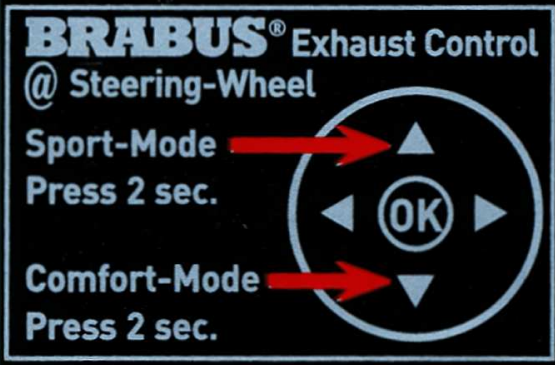
- Attach the control unit to the metal frame shown below using adhesive tape supplied. Connect the main plug of the Brabus harness to the control unit.





**Function description:**

The exhaust flaps are operated by the steering wheel buttons (up & down) or the control button (optionally). Please regard to instructions below which are also printed included in delivery. Attach the printed version of the instructions to the direction-indicator lever.



**BRABUS® Exhaust Control**  
@ Steering-Wheel

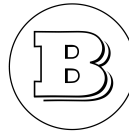
**Sport-Mode** Press 2 sec.

**Comfort-Mode** Press 2 sec.

Die Klappensteuerung (laut / leise) erfolgt über die Lenkradbedientasten links (siehe Bild). Der Schaltvorgang wird mit einem Quittierungston angezeigt.  
Sport-Mode: piep  
Comfort-Mode: piep, piep

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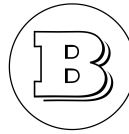
The valve control is executed via control buttons left on the steering wheel (see picture). The switching operation is followed by a beep.  
Sport-Mode: beep  
Comfort-Mode: beep, beep



The control button can be fitted optionally (within center console).

When fitting the control button the 12V-plug cannot be used furthermore.





***! Please hand this information over to the customer!***

**Additional function:**

In addition to the known functions of the valve controlled exhaust system (switch between sport and comfort-mode) the exhaust system can be switched from **EC-mode** to **Expert-mode**.

Push and hold the button for more than five seconds in order to avoid an unintentional change between the modes.

**Activation of Expert-mode:**

By pushing the “Sports”-button for more than five seconds the system can be switched to **Expert-mode**.

This means that the exhaust valves standardly are in Sports-mode when the car is started (valves open).

**Attention:**  
This is exclusively an export mode.  
When the system standardly is switched to Sports-mode the EC type approval no longer is valid and, depending of the country the car is registrated to, there is no insurance protection.

**Activation of EC-mode:**

By pushing the “Comfort”-button for more than five seconds the system can be switched to EC-mode.

This means that the exhaust valves standardly are in Comfort-mode when the car is started (valves closed).

