



Valve controlled sports exhaust S63/ V 222

222-678-63



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 perform the installation. Therefore you have to read and completely understand these instructions. Check the content of the supplied parts as detailed next page prior to assembly.

The exhaust valves are controlled using the steering wheel arrow-buttons (up, down).

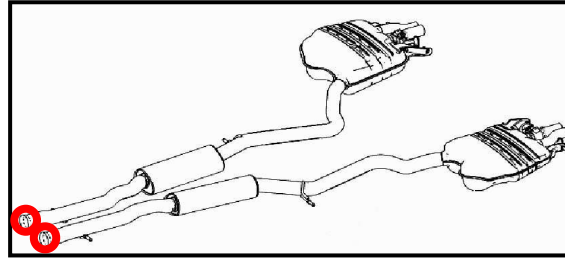
Included in delivery:

Description:	Part-no.:	Quantity:
- Left and right side sports exhaust	222-678-63-ESD	1
- Pre-silencer	222-678-63-VSD	1
- Assembly kit		1
- Wiring harness including beeper	222-600-99	1
- Control unit	000-600-66	1
- Left tailpipe	166-678-63-ERLB	1
- Right tailpipe	166-678-63-ERRB	1

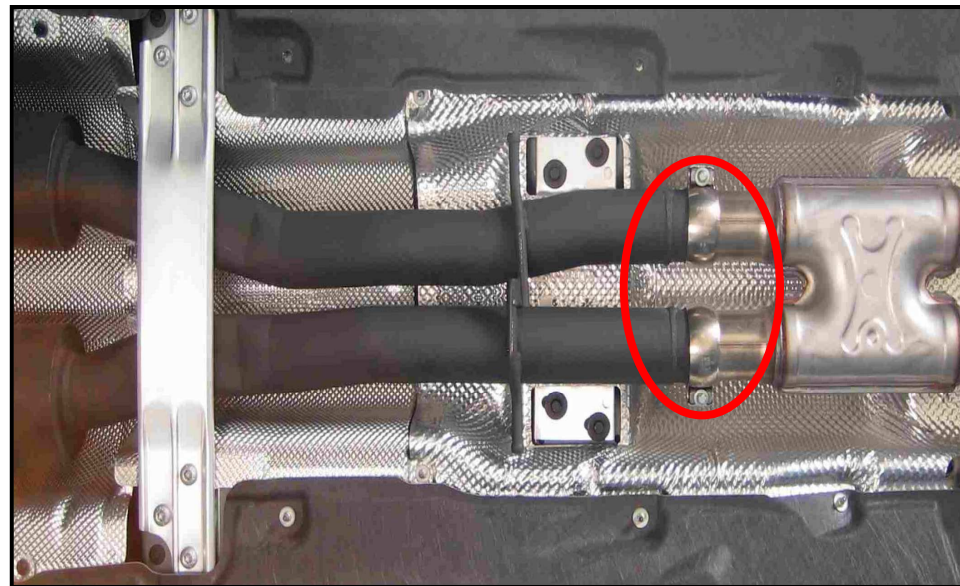
- Lift the car on a suitable platform at the Mercedes-Benz prescribed lifting positions with due regard to valid MB safety guidelines. Remove the trims within the boot compartment to get access to the electrical components shown (battery, control units, rear SAM).



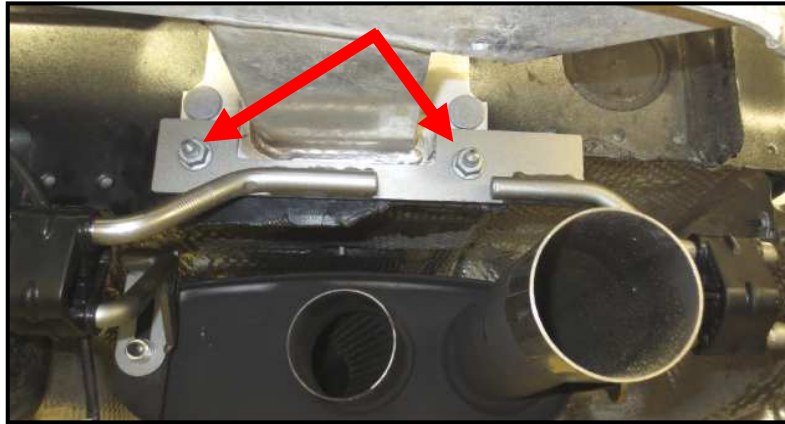
- Remove the standard exhaust tailpipes and, if equipped with, the underbody struts. Loosen the standard exhaust system at the red marked connections shown. Remove the exhaust system.



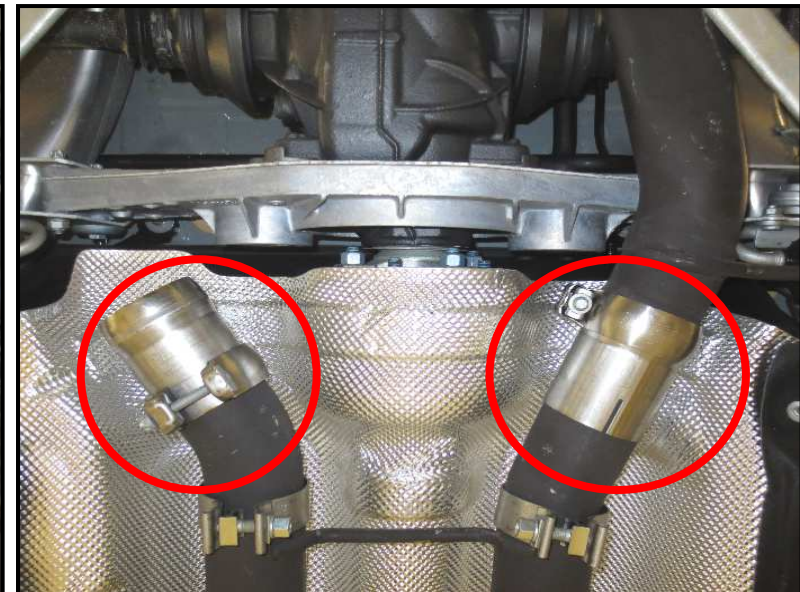
- Assemble the Brabus carbon-fibre rear diffusor according to instructions.
- Bolt the pre silencers to the standard exhaust system according to image below. If the vehicle is equipped with center exhaust brackets (depending on how the vehicle is equipped from the factory) attach the brackets of the pre silencers to the center exhaust rubber supports.



- Bolt the exhaust brackets supplied to the car body and to the rear silencers and attach the rear silencers to the exhaust rubber supports. Connect the rear silencers to the pre silencers using assembly material supplied. Make sure the exhaust system has been fitted free of tension and with sufficient clearance to axle parts/ struts/ brackets.



Attach brackets the way shown (opposed) in order to have sufficient space for the exhaust valves!

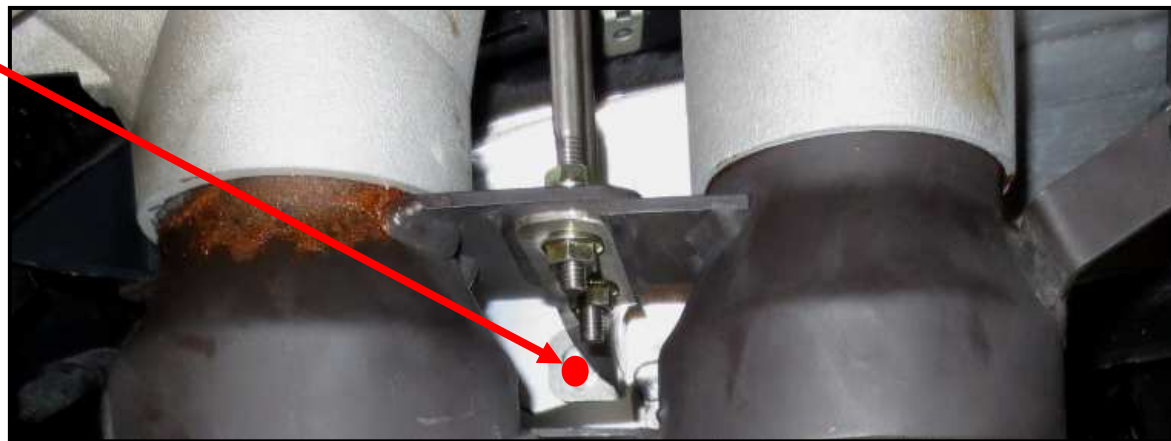


- Bolt the tailpipes to the tailpipe-funnels and their brackets using threaded rods supplied.

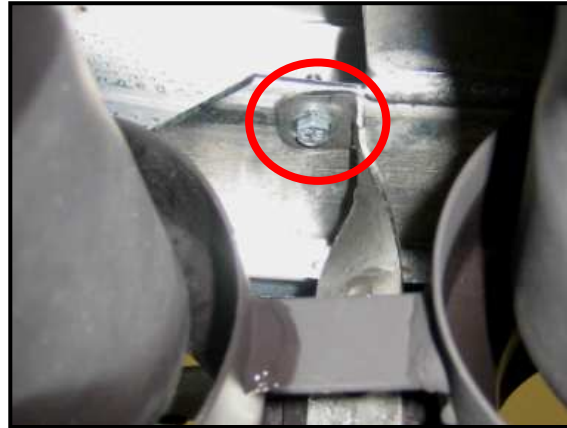


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- Hold the completed tailpipes to the ducts of the carbon-fibre rear diffuser. Align them and mark the assembly positions of the upper brackets to the rear cross bar.

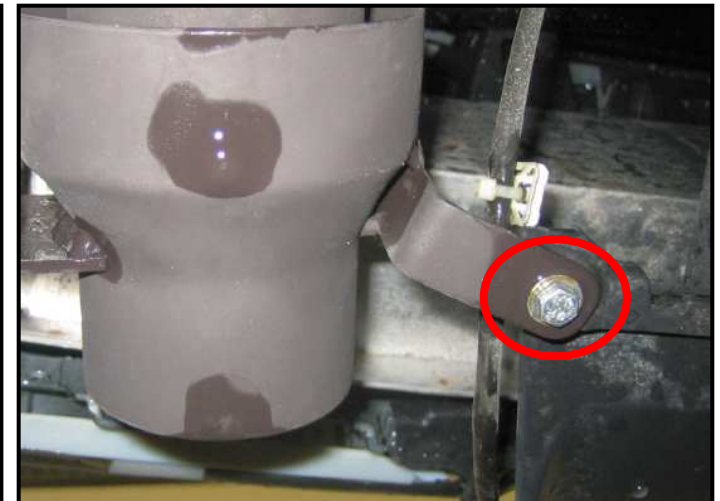


- Drill 6mm holes to the rear cross bar, fixate the upper brackets using screws/ washers/ nuts supplied.



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- Bolt the outer brackets to the fastening points of the car.

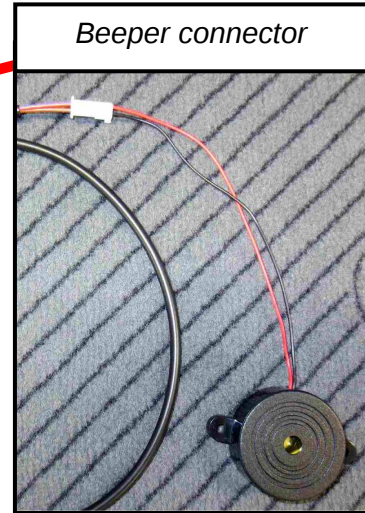
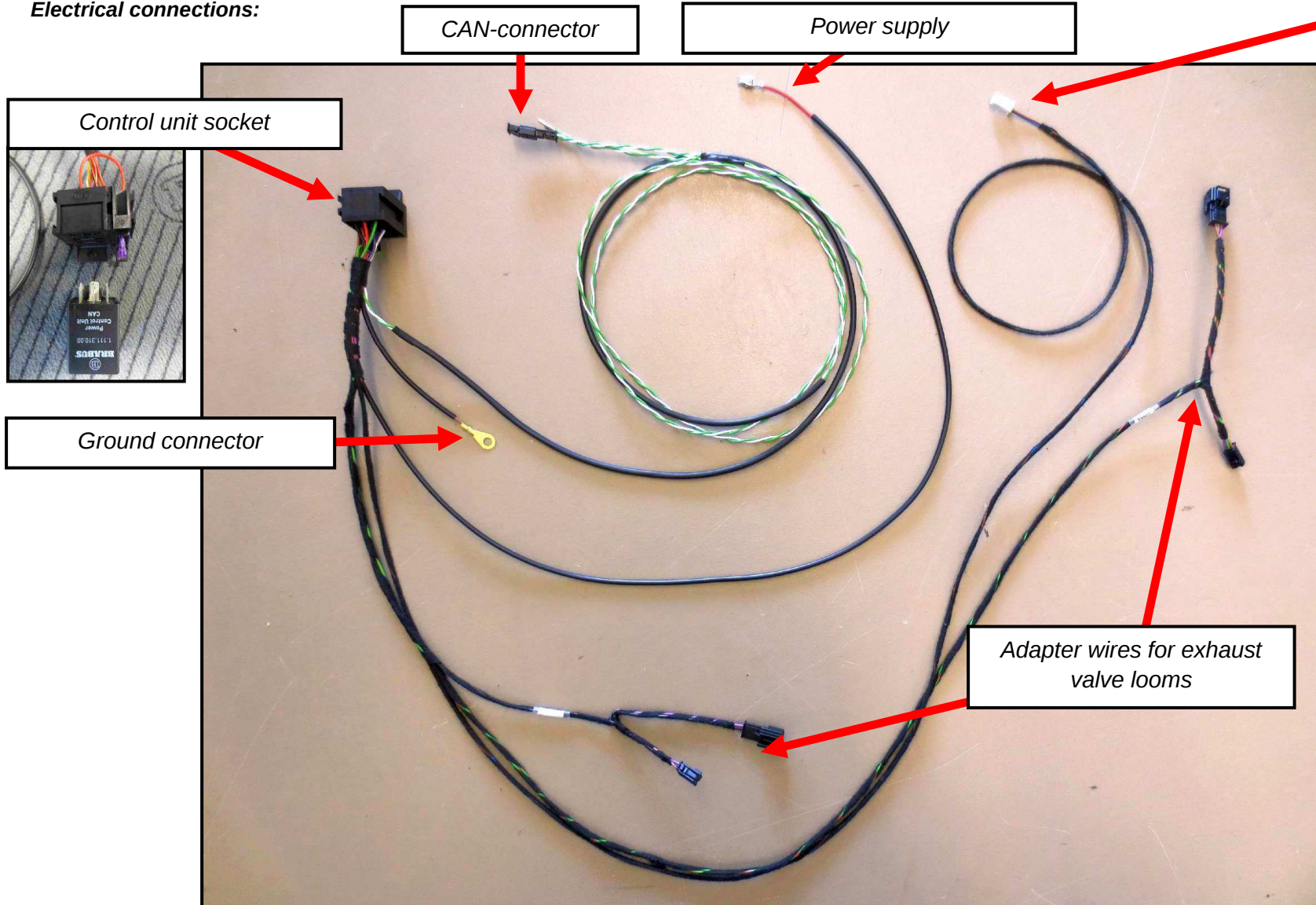


- Fixate the connection pipes between the rear silencers and the tailpipe funnels. Make sure these are fixated centered and with sufficient clearance.



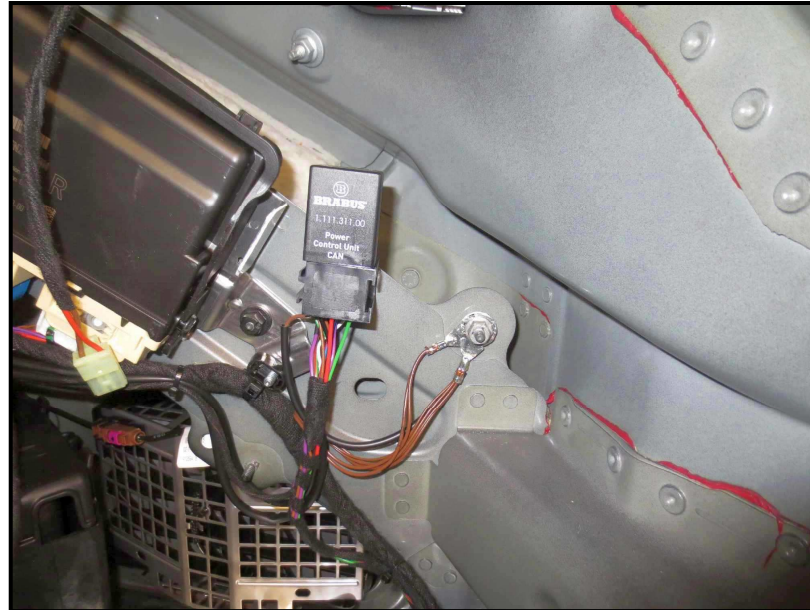
- Connect the wires of the standard exhaust valves to the Brabus rear silencer exhaust valves.

Electrical connections:



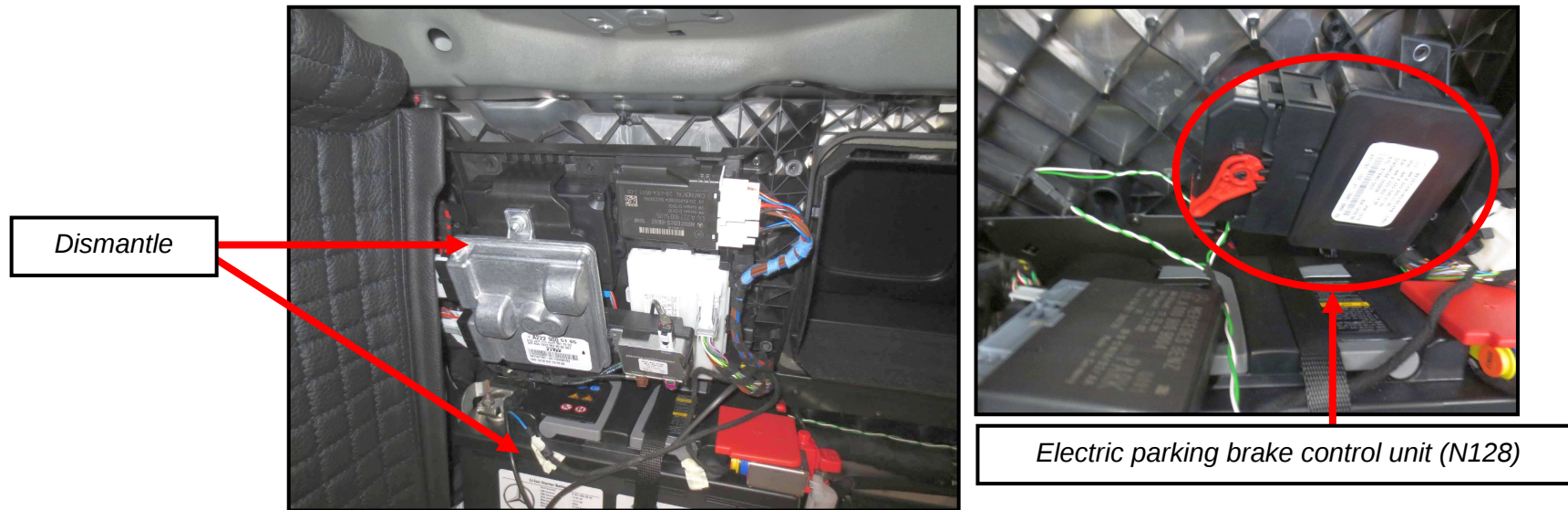
Beeper connector

- Disconnect the car main battery and dismantle the battery.
- Bolt the socket of the control unit according to image.



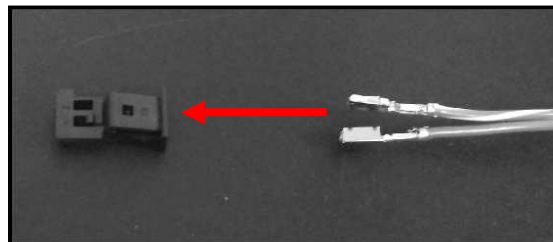
- Bolt the ground ring lug to the ground terminal shown (right side within boot compartment).

- Dismantle the control units shown which are located on back of the separation wall to get access to the control unit of the electric parking brake (N128).

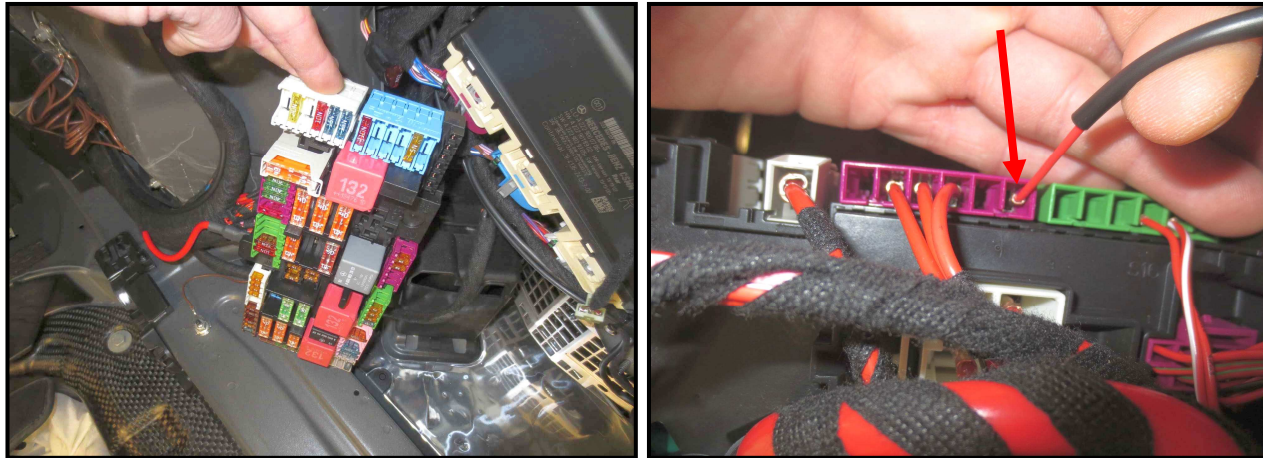


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- Remove the green and white CAN-wires (Pin 16 & 17) out of the black plug of the electric parking brake control unit and attach these to the 2-pole plug supplied. Connect the plug to the Brabus wiring loom and the green/ white wires of the Brabus wiring loom to port 16 & 17 of the black plug (white to port 16, green to port 17).

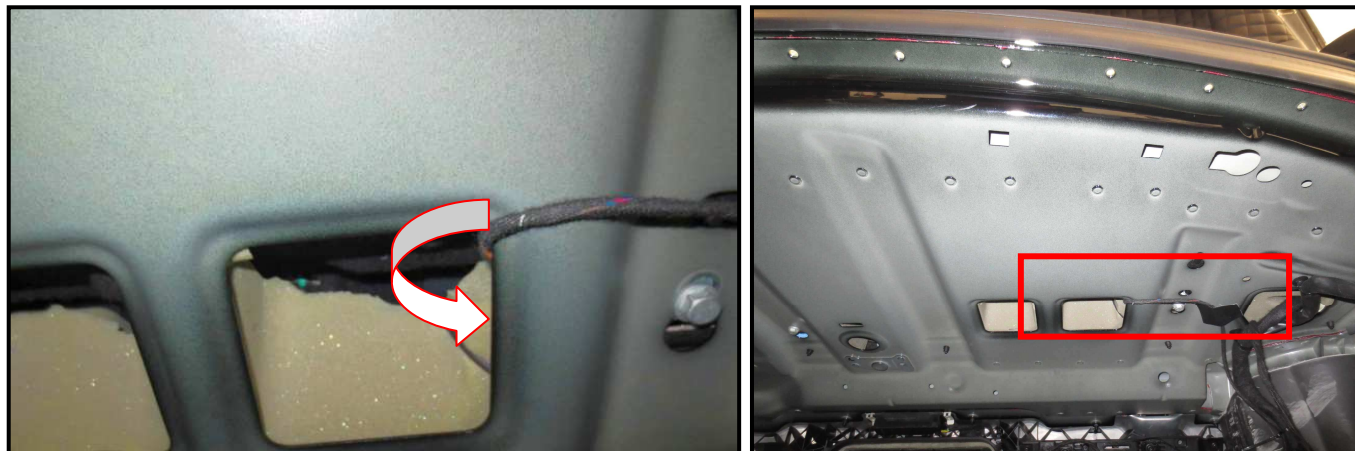


- Dismantle the rear SAM (within boot compartment), attach the power supply wire of the Brabus wiring loom to the free port shown (418, 5 Amps) within illustration below.

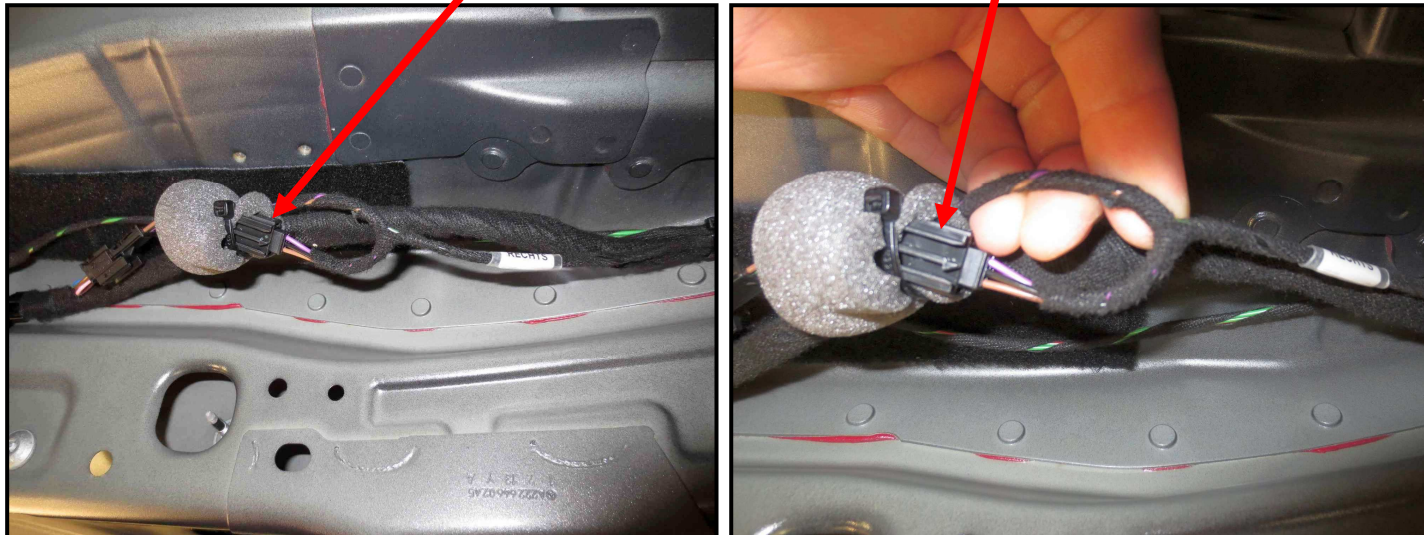
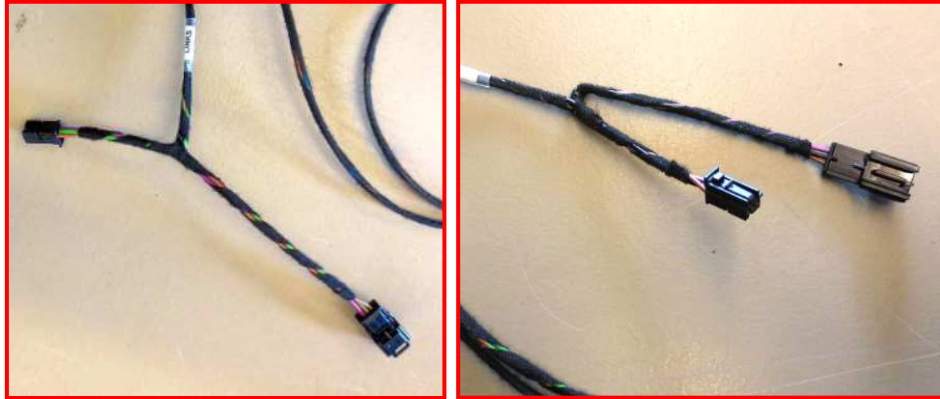


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- Connect the beeper to the Brabus wiring loom and stow it below the foam material of the back shelf. Fixate the wires to standard wiring looms using cable ties and make sure the wires are protected against sharp edges.



- Disconnect the wires of the exhaust valves inside the boot compartment and connect the plugs/ sockets to the adapter wires of the Brabus harness.

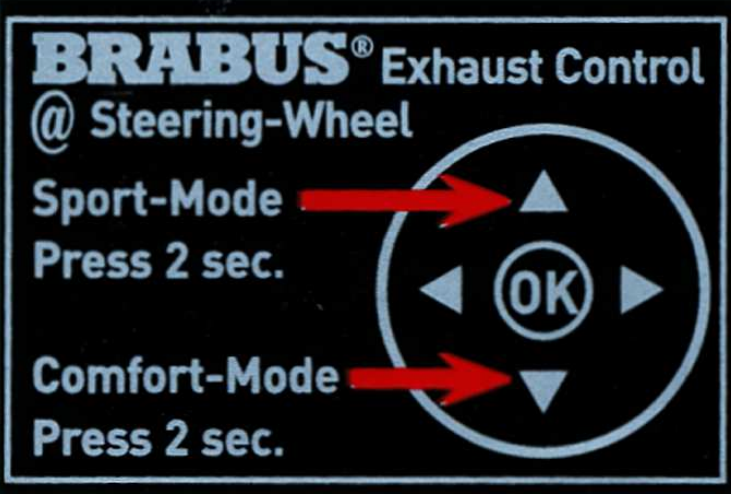


- Re-attach all trim parts and perform a function-check and a test-drive. Check the alignment after test-drive, re-align if necessary. Check the exhaust system for denseness.

Function description:

Vehicle always starts with the exhaust flaps in position „quiet“ (flaps closed) and can be switched to position „loud“ by using the steering wheel buttons (up and down) when driving (not when standing!).

Please regard to instructions below which are (printed) also included in delivery. Attach the printed version of the instructions to the direction-indicator control.



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

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

! 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).

