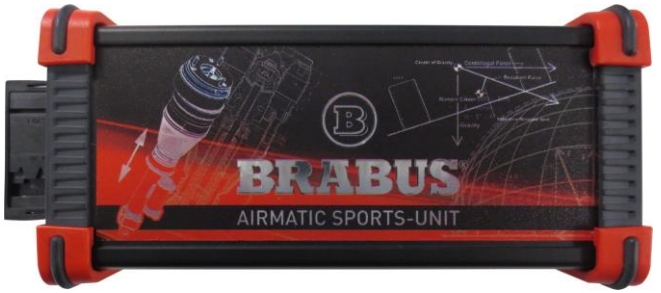
Brabus – lowering module for W/ S213 E63 AMG, MY 2018
Article-no. 213-108-063-177-00

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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.
Before you start please check the content of the supplied parts as detailed below.

Included in delivery:

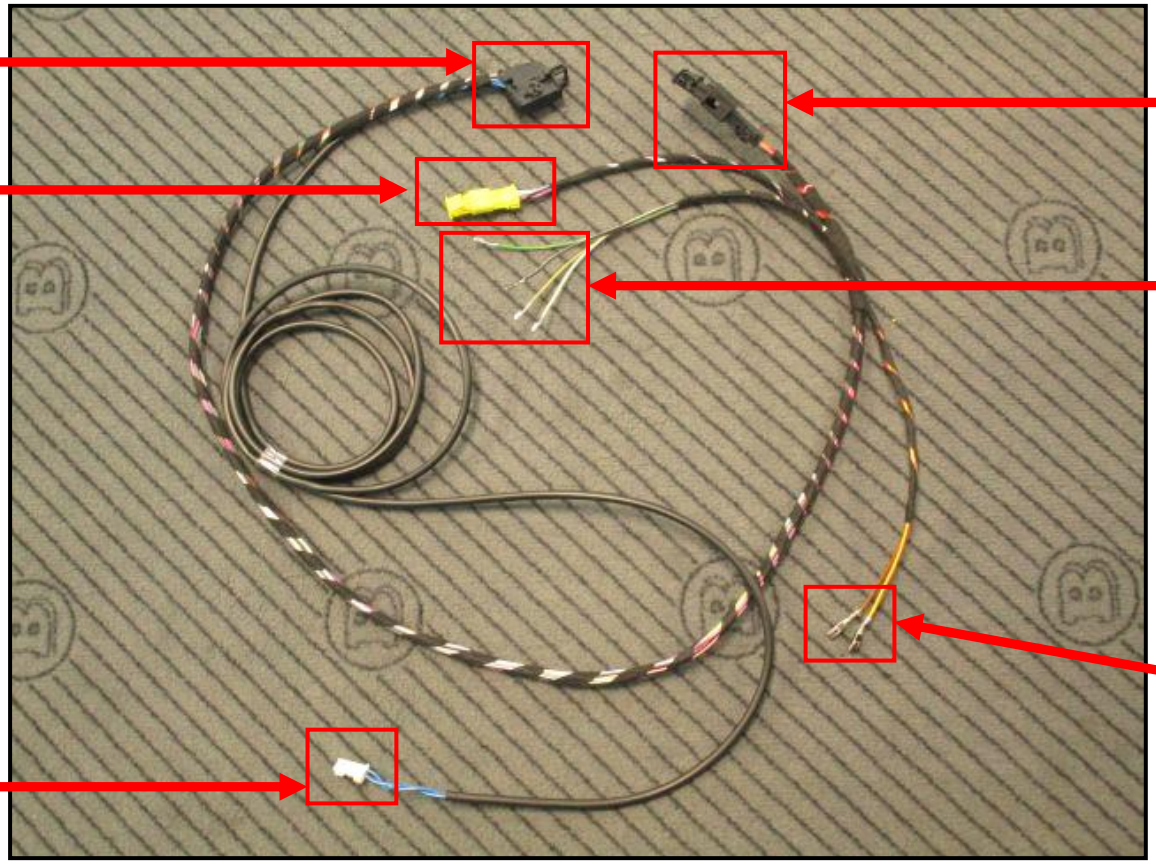
1x	***Wiring harness***	***222-108-00-K (incl. 1x 4-pole yellow MQS plug and 1x 2-pole black plug)***
1x	***CAN-wiring harness***	***CAN-108-00-K***
1x	***Control unit***	***UBT 110***
1x	***Adhesive velcro tape***	

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Electrical connections:

Control unit plug

MQS-plug for level sensors, to be connected to 4-pole plug.



Power supply, slots for standard wires out of control unit plug.

Signal lines of level sensors, to be connected to AIR BODY CONTROL-unit (N51/ 3)

white/ yellow	Pin 44
green/ red	Pin 36
green/ grey	Pin 27
black/ white	Pin 25

Power supply/ ground, to be attached to AIR BODY CONTROL-unit (N51/ 3)

Pin 47 KL 30 (red/ yellow)
Pin 21 KL 31 (brown)

CAN – connector, to distributor on driver's side by using wiring extension CAN-108-00-K

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Preparation:

- Disassemble the left sidewall trim within the boot compartment, the left side entrance plastic trims and the lower A & B pillar trims according to Mercedes-Benz workshop instructions.
- Disconnect ground connector of car main battery prior to performing the electrical connections.

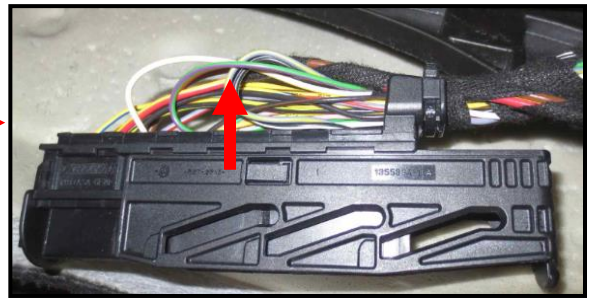
Attention:

Remove the signal lines out of the standard suspension control unit – plug using a suitable unlocking tool to ensure perfect functioning after installation!



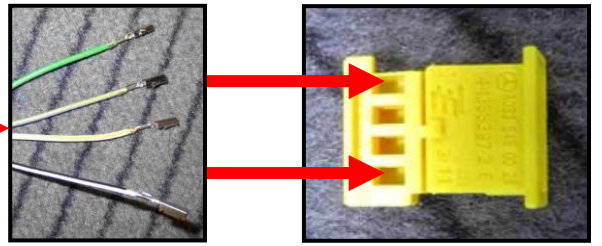
Installation:

Remove the level sensor signal lines listed below from AIR BODY CONTROL-unit (N51/ 3) main plug.



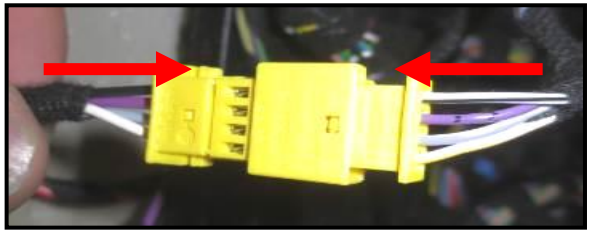
Control unit plug	Pin 25 (purple)	rear right
Control unit plug	Pin 27 (grey/ white)	front right
Control unit plug	Pin 44 (white/ yellow)	front left
Control unit plug	Pin 36 (white/ black)	rear left

Attach level sensor signal lines to yellow MQS connector supplied.



MQS Pin 1	(white/ yellow)	front left
MQS Pin 2	(grey/ white)	front right
MQS Pin 3	(purple)	rear right
MQS Pin 4	(white/ black)	rear left

Remove wires for power supply and ground out of AIR BODY CONTROL-unit (N51/ 3) plug.



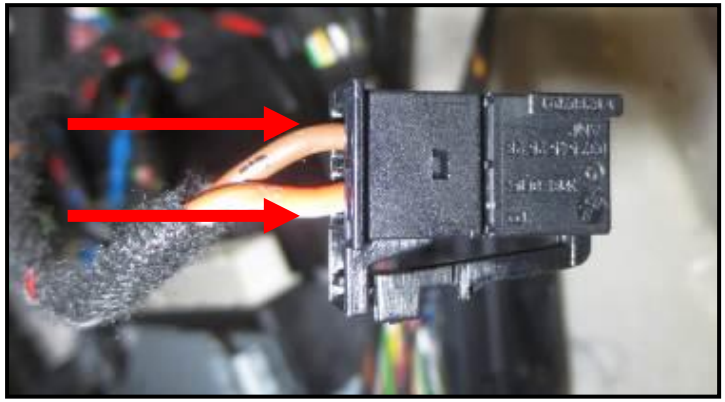
Pin 47	(red/ white 1,5mm²)
Pin 21	(brown 1,5mm²)

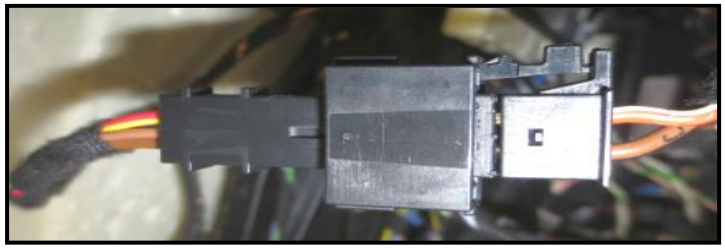
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Attach standard wires for power supply and ground to 2-pole plug supplied.

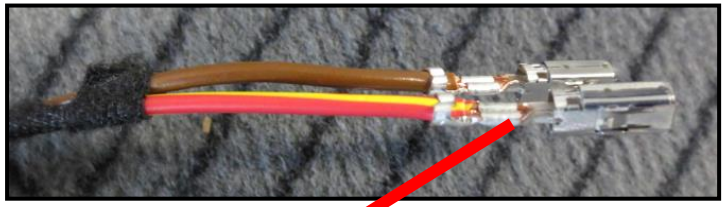
Pin 1	(red/ white 1,5mm²)
Pin 2	(brown 1,5mm²)





Attach wires for power supply and ground of Brabus wiring harness to AIR BODY CONTROL-unit (N51/ 3) plug.

Pin 47	(red/ yellow 1,5mm²)
Pin 21	(brown 1,5mm²)

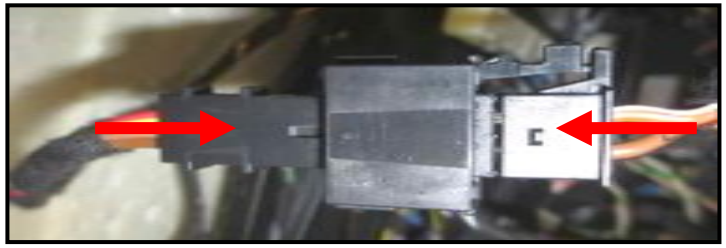




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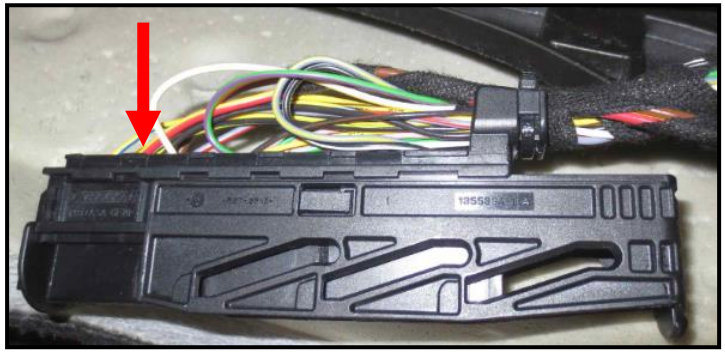
Connect 2-pole plug to Brabus wiring harness.

Check for correct polarity!



Attach level sensor wires of Brabus wiring harness to AIR BODY CONTROL-unit plug (N51/ 3).

white/ yellow	Pin 44
green/ red	Pin 36
green/ grey	Pin 27
black/ white	Pin 25

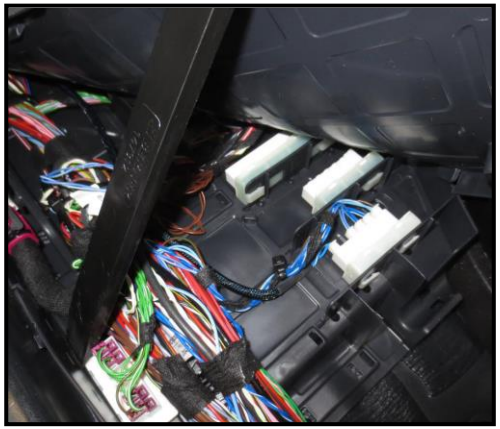


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Connect the CAN-extension wiring CAN-108-00-K supplied to the main wiring harness and route it along the left vehicle side into the left footwell.
Connect the CAN-plug to a free slot of the CAN-distributor (wire-colours bl/ bl-wh).

Attention: The lowering module is secured by fuse of the AIR BODY CONTROL-unit (N51/ 3) within fuse panel “dashboard” (right footwell).





Connect the Brabus harness main plug to the lowering control unit and fixate the lowering control unit to the AIR BODY CONTROL unit by using velcro tape supplied.

Attention: The lowering control unit is secured by the standard fuse of the AIR BODY CONTROL unit.

Re-attach all trim parts, re-connect ground connector to car main battery.
Start engine and adjust suspension to highest level using button within center console.
Then lower suspension to normal level.
Make sure the doors are closed when switching to highest suspension level and back.

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