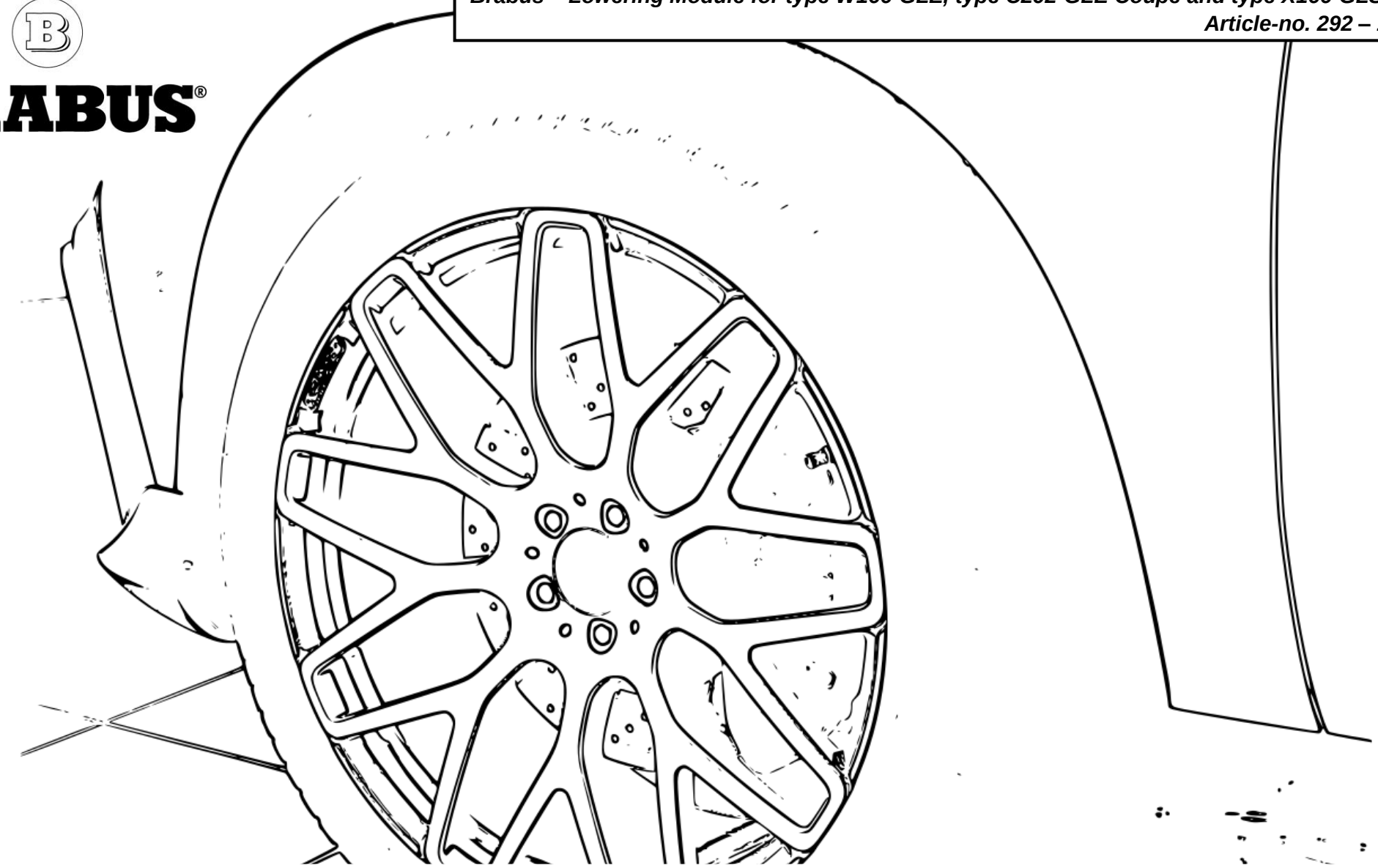
Brabus – Lowering Module for type W166-GLE, type C292-GLE Coupé and type X166-GLS 63AMG
Article-no. 292 – 106 – 00

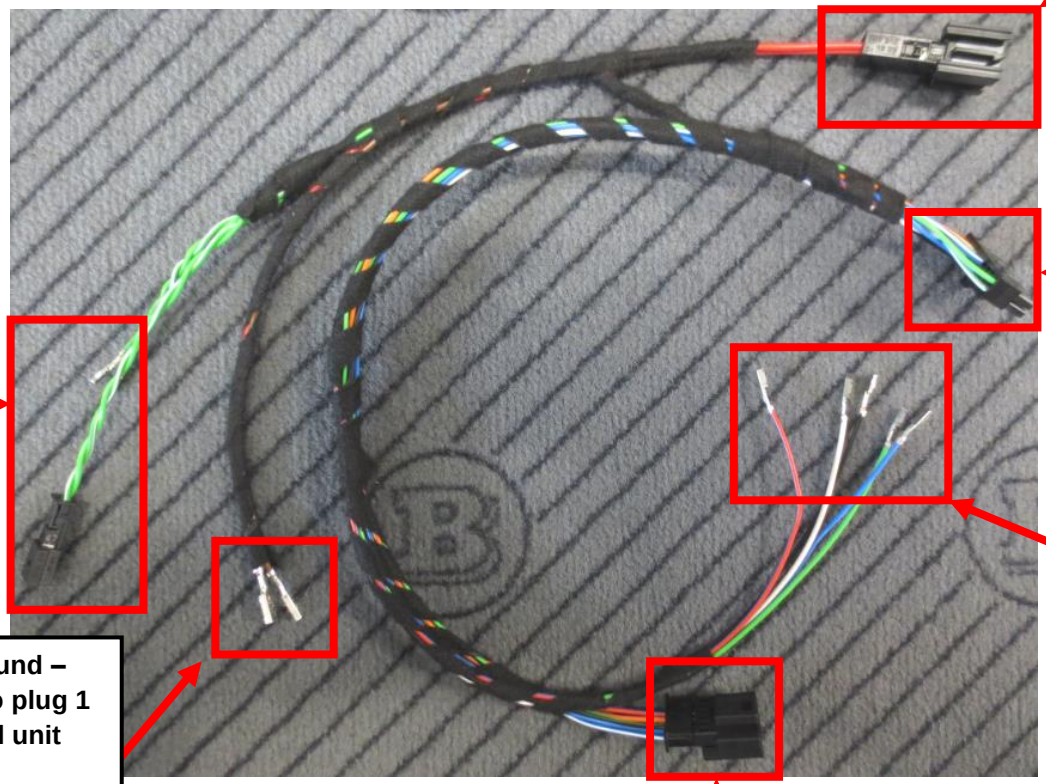
BRABUS®



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

BRABUS

Power supply and ground, connected to standard wires using 2-pole plug supplied



Lowering module main plug

CAN - connectors, connected by 2-pole MQS-plug supplied

Power supply/ ground – wires are attached to plug 1 of Airmatic control unit (N51/3)

Pin 47 KL 30 (RD)

Pin 21 KL 31 (BN)

Connector for level sensors and ignition power supply (terminal 15). To be connected to 6-pole black plug supplied

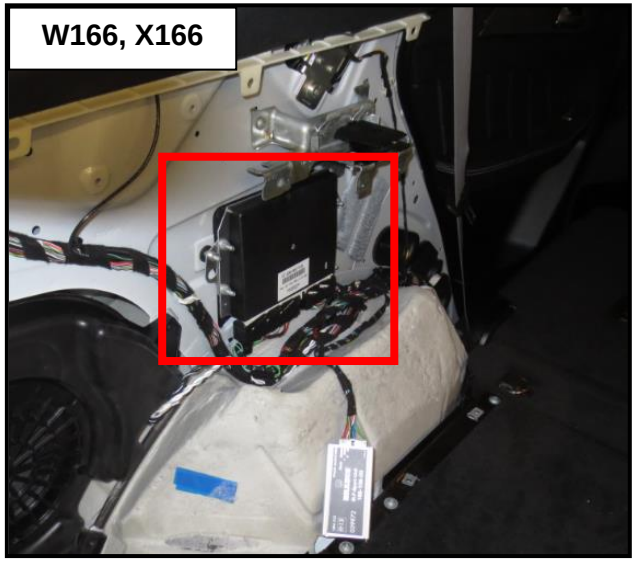
Signal wires for level sensors and ignition power supply, wires are attached to plug 2 of Airmatic control unit N51/3.

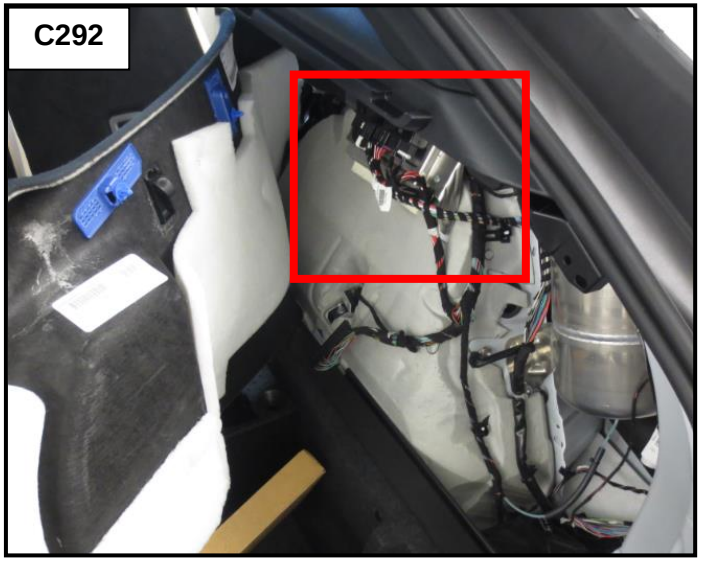
White (WH)	Pin 23
Black (BK)	Pin 9
Green (GN)	Pin 26
Blue (BU)	Pin 12
Red-black (RD/BK)	Pin 15

2

Preparation:

- Remove back shelf.
- Remove trunk floor.
- Turn down back seats.
- Remove rear plastic entrance trim.
- **GLE/ GLS 63**: Loosen the right sidewall ling within the boot compartment and fold it aside to get access to the Airmatic control unit N51/3.
- **GLE-Coupé**: Loosen the right sidewall ling within the boot compartment and fold it aside to get access to the Airmatic control unit N51/3.
- Disconnect the ground connector of the vehicle battery.
- Disconnect plugs 1 & 2 of the Airmatic control unit N51/3.





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- **Detach the signal wires of the Airmatic control unit plug 2 using a suitable unlocking tool and attach these one after another to the 6-pole plug supplied. Attach the wires of the Brabus wiring harness to slot 2 according to assignments below.**

Due to the fact that some wires are of the same colour do not remove all wires at once!

- Unlock the wire out of slot **12** (BU/WH, rear right level sensor) of plug 2 and attach it to slot **1** of the 6-pole plug supplied.
  Attach the blue wire (BL) of the Brabus wiring harness to slot **12** of plug 2.

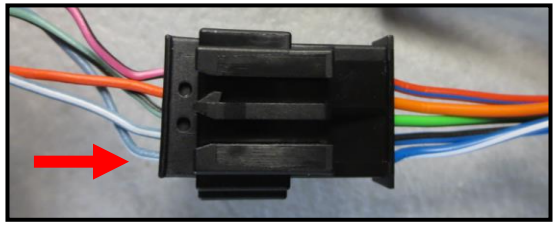
- Unlock the wire out of slot **9** (BU/WH, rear left level sensor) of plug 2 and attach it to slot **2** of the 6-pole plug supplied.
  Attach the black wire (BK) of the Brabus wiring harness to slot **9** of plug 2.

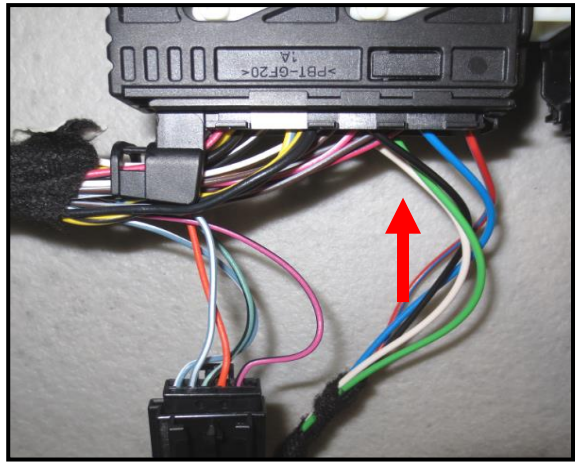
- Unlock the wire out of slot **26** (GN/BK, front right level sensor) of plug 2 and attach it to slot **3** of the 6-pole plug supplied.
  Attach the green wire (GN) of the Brabus wiring harness to slot **26** of plug 2.

- Unlock the wire out of slot **23** (OG, front left level sensor) of plug 2 and attach it to slot **4** of the 6-pole plug supplied.
  Attach the white wire (WH) of the Brabus wiring harness to slot **23** of plug 2.

- Unlock the wire out of slot **15** (PK/BK, +12V, ignition power supply) of plug 2 and attach it to slot **5** of the 6-pole plug supplied.
  Attach the red-blue wire (RD/BU) of the Brabus wiring harness to slot **15** of plug 2.







- Connect the 6-pole plug to the 6-pole socket of the Brabus wiring harness.

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- **Detach the signal wires of the Airmatic control unit plug 1 using a suitable unlocking tool and attach these to the 2-pole plugs supplied. Attach the wires of the Brabus wiring harness to plug 1 according to assignments below.**

  - Unlock the wire out of slot **21** (BN, ground) of plug 1 using unlocking tool supplied and attach it to slot **1** of the big 2-pole plug supplied. Attach the brown wire (BN) of the Brabus wiring harness to slot **21** of plug 1.

  - Unlock the wire out of slot **47** (RD, +12V, constant power supply) of plug 1using unlocking tool supplied and attach it to slot **2** of the big 2-pole plug supplied. Attach the red wire (RD) of the Brabus wiring harness to slot **47** of plug 1.

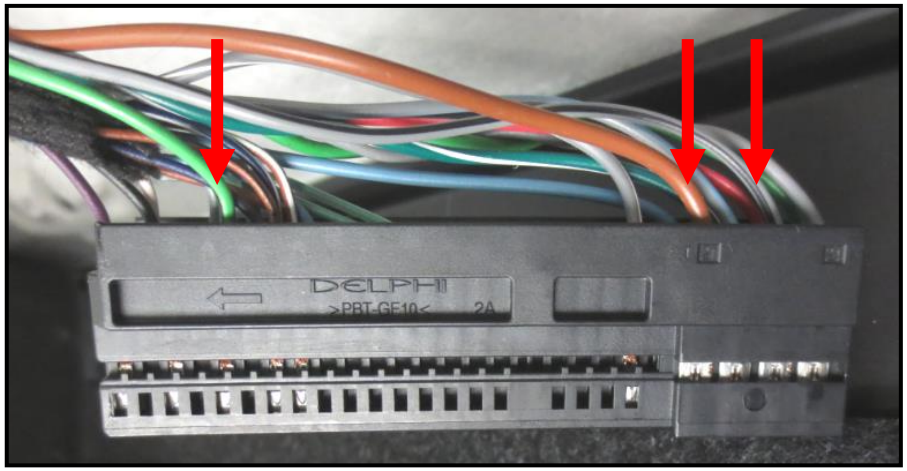
  - Unlock the wire out of slot **37** (GN, CAN-low) of plug 1 and attach it to slot **1** of the small 2-pole plug supplied. Attach the green wire (GN) of the Brabus wiring harness to slot **37** of plug 1.

  - Unlock the wire out of slot **38** (GN/WH, CAN-high) of plug 1 and attach it to slot **2** of the small 2-pole plug supplied. Attach the green-white wire (GN/WH) of the Brabus wiring harness to slot **38** of plug 1.

- **Connect the 2-pole plugs to the 2-pole sockets of the Brabus wiring harness.**

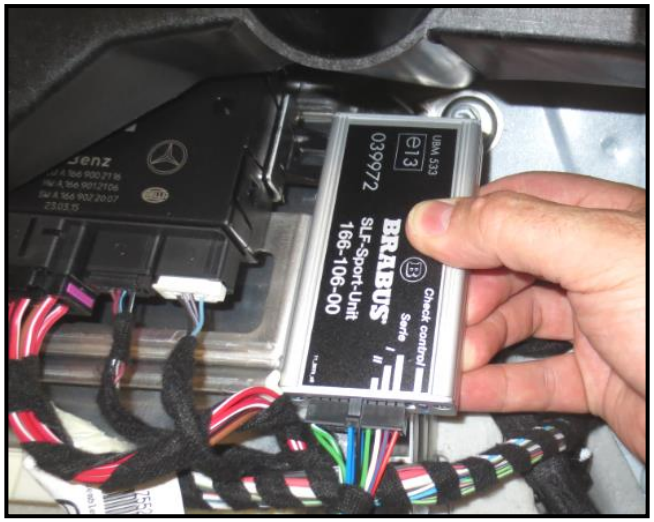






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- **Attach the main plug of the Brabus wiring harness to the control unit, fixate the control unit next to the Airmatic control unit (N51/3) using adhesive velcro tape supplied.**



- **Re-attach all trim parts.**
- **Re-connect the vehicle ground connector to the vehicle battery.**
- **Start the engine and close all doors.**
- **Once raise the suspension level to the highest position and lower it. The vehicle now remains within the lowered level.**

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Attention!

The lowering control unit is equipped with a switch shown within image below. The height of the car can be controlled using this switch.

If the switch is located in position „0“out of the box, the vehicle remains on factory level with the lowering unit connected.

At switch in position 1, the car is “normally” lowered, at position 2 the lowering rate is increased.

Please make sure that the doors are closed while the suspension is driven up and down.

Please regard to the specific TUV type approval (article-number) for the lowering values of the lowering unit and the different switch positions.

If the type approval is not present, you can download it from the Brabus sales support website or send a request quoting the article-number of the lowering unit to techsupport@brabus.com .

