Start-Stop Memory for G500, built type W463 (engine type M176)
Article – no. 000-690-00

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 assembly please check the content of the supplied parts as detailed below.

Function description:

Brabus Start-Stop-Memory enables the advantage of not having to deactivate the factory **Start-Stop**-function each time the vehicle is started.

Brabus Start-Stop-Memory is operational directly after assembly and saves the last **Start-Stop**-setting.
It automatically switches off the **Start-Stop** function after the engine has been started which is indicated by a short light up of both, the green LED within the **Start-Stop** button and the **Start-Stop** symbol within the instrument cluster.
Brabus Start-Stop Memory also switches off the **Start-Stop-**function when switching to another driving program. Usually the **Start-Stop** system then is activated again. Also when switching to another driving program the deactivation of ***Brabus-Start-Stop-Memory*** is indicated by a short light up of both, the green LED within the **Start-Stop** button and the **Start-Stop**-symbol within the instrument cluster.

Brabus Start-Stop-Memory can be completely deactivated by using the **Start-Stop**-button within the center console, the vehicle then is set back to factory mode.

Please perform the deactivation as follows:

Push and hold the **Start-Stop-**button within the center console until the green LED at first lights up once (after 5 seconds) and then lights up twice (after 7seconds).
Brabus Start-Stop-Memory now is deactivated.

To activate ***Brabus-Start-Stop-Memory*** again push and hold the **Start-Stop-**button within the center console until the green LED once lights up (after 5 seconds).
Brabus-Start-Stop-Memory now is activated.

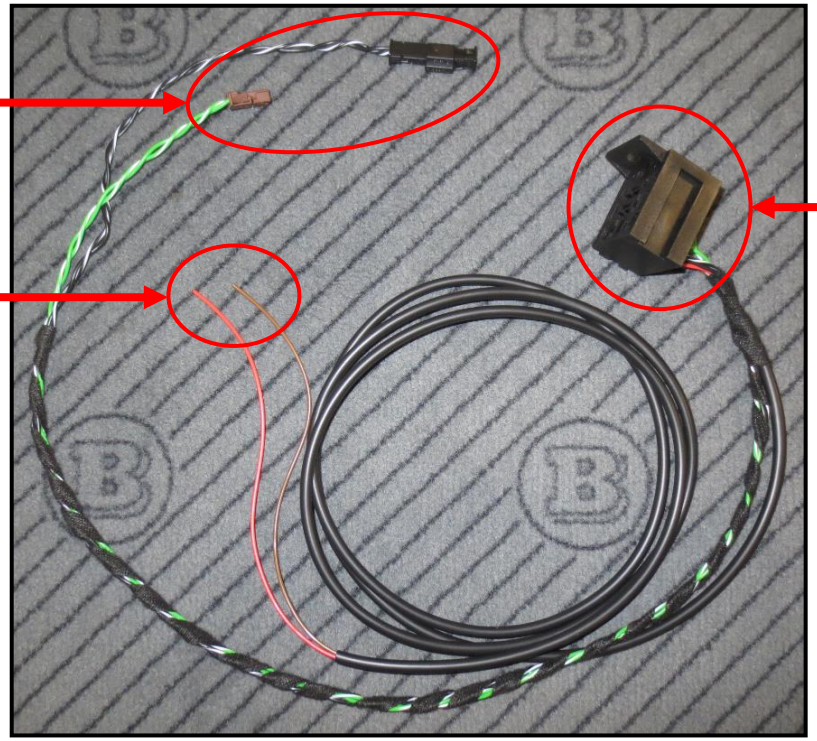


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Included in delivery:

1x Start-Stop Memory module (no relay!)	000-640-00S
1x Start-Stop Memory wiring harness	000-690-10

Electrical connections to be established:



Attention: ***Disconnect the vehicle battery prior to performing the electrical connections***

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- Remove the glovebox and gain access to the drivetrain control unit and the CAN distributor **X30/19**. Remove the left lower dashboard cover.
- Attach a multimeter to pin **13** (**CAN-high**) and pin **29** (**CAN-low**) of control unit drivetrain and switch the multimeter to resistance measurement. Do not damage the Pins of the control unit-plug by widening!
- Disconnect all plugs of **X30/19** one after another, When the multimeter shows an interruption you have found the CAN-plug to be used.
- Attach the plug of the Brabus harness to the free slot the standard plug has been connected to.
  Release the wires of the standard CAN-plug and attach these to the 2-pole plug supplied (**GN/WH** to **SW/WH** & **GN** to **SW**).
- Attach the control unit to the control unit plug.
- Stow the control unit within the passenger footwell, below the plastic trim.
- Route the the power supply wire (red wire) and the ground wire (brown) into the left footwell (below dashboard) and solder them to the wires out of the OBD-port (red wire to the wire out of pin **16** (**+12V**), brown wire to the wire out of pin **4** (**Ground**).



Assemble all removed trim parts and make sure all solder- and plug connections have been properly made. Take care for secure wiring harness routing.

Check the vehicle fault store and delete faults that might have come up during installation.

Perform a test-drive and check the function of Start-Stop Memory

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