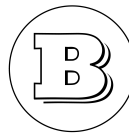




BRABUS®

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. Please check the content of the parts supplied prior to assembly.



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.

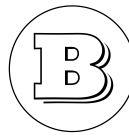
To activate **Brabus-Start-Stop-Memory** again push and hold the **Start-Stop**-button within the center console until the green LED once lights up (after 5 seconds).

Brabus-Start-Stop-Memory now is activated.

Lieferumfang BRABUS:

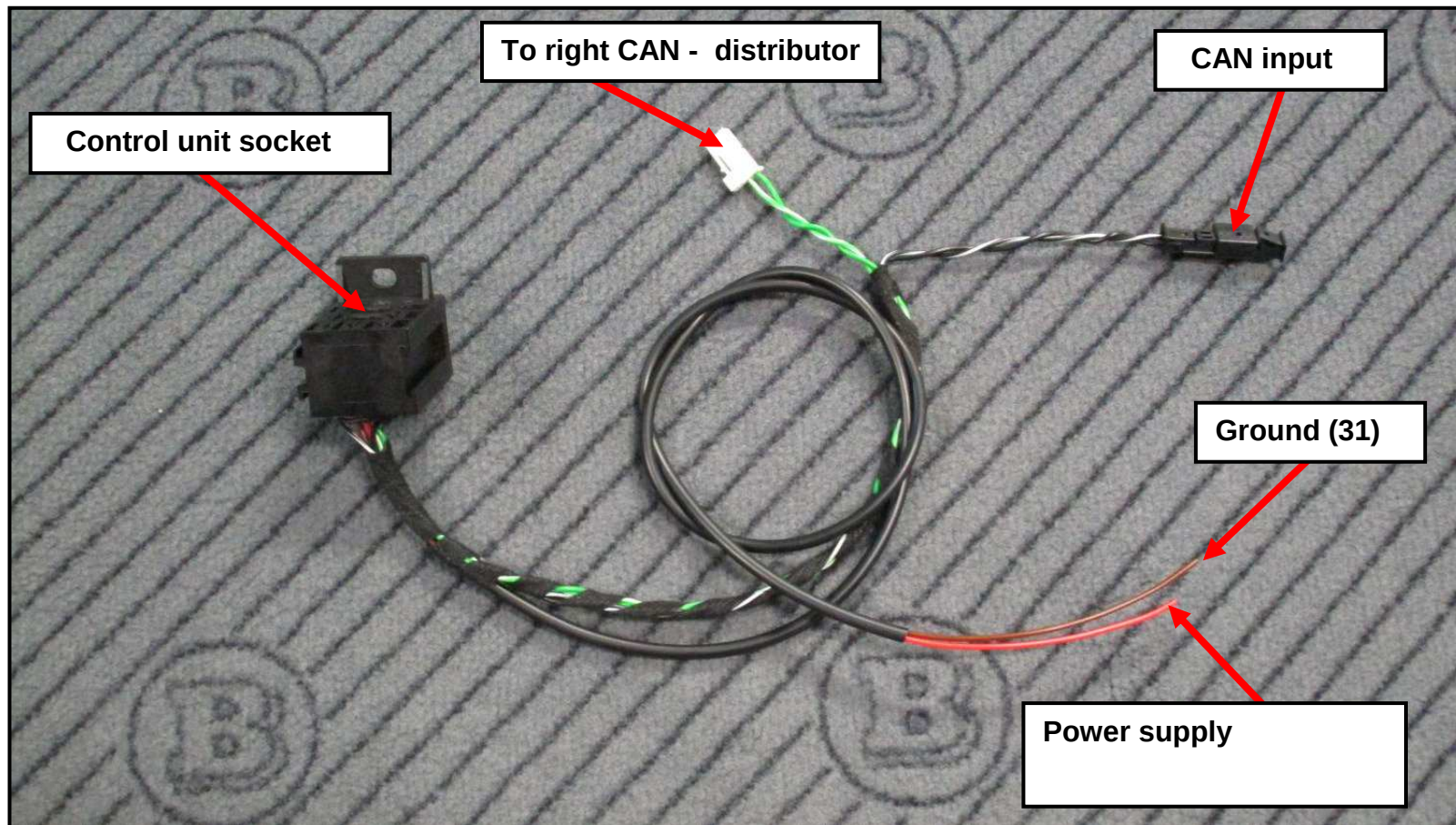
- | | | |
|----|----------------|--------------|
| 1. | 1x 000-630-00 | Wiring loom |
| 2. | 1x 000-640-00S | Control unit |
| 3. | 1x | Velcro tape |



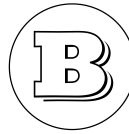


000-640-00

Overview of electrical connections:



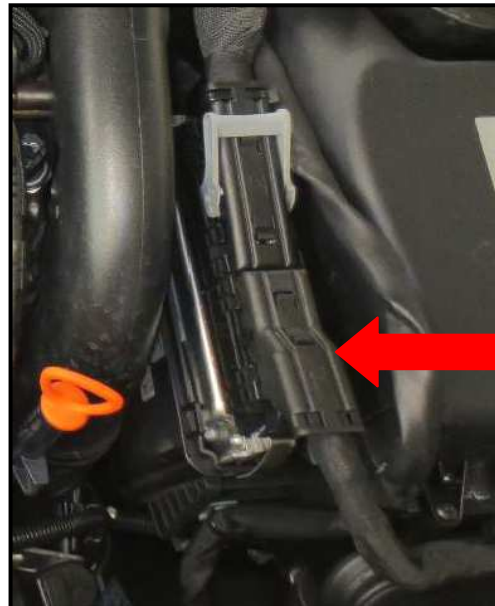
3

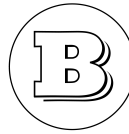


000-640-00

Installation:

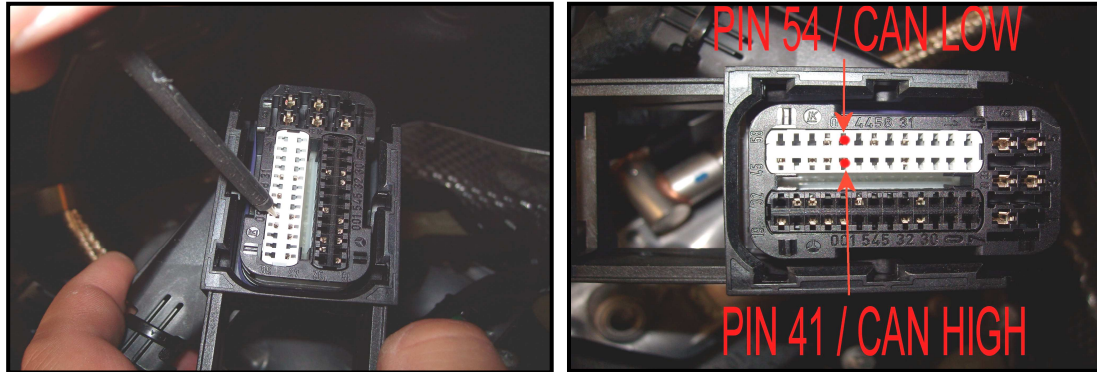
1. Perform the disassembly of the standard trim parts according to Mercedes-Benz workshop instructions.
2. Remove the left dashboard cover and the lower dashboard cover on the left side.
3. Disconnect plug „F“ of the engine control unit.





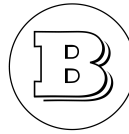
4. Attach a multimeter to Pin 54 and Pin 41 and switch the multimeter to resistance measurement.

Do not damage the Pins of the control unit



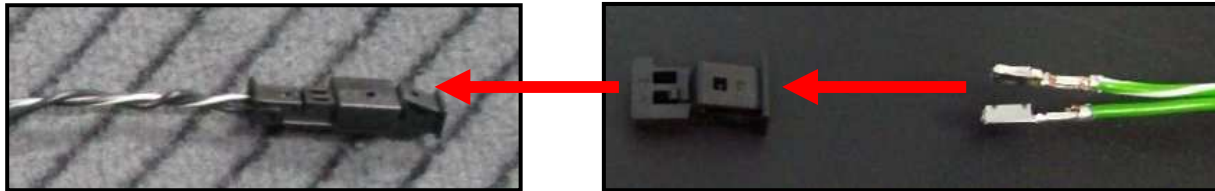
5. Remove the CAN plugs of the CAN distributor one after another until the multimeter shows an interruption.
When this is the case you have found the plug the Brabus harness is to be connected to.





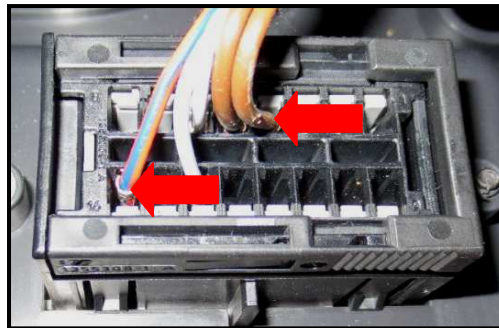
000-640-00

6. Remove the standard Pins of the CAN plug and attach them to the delivered 2-pole black plug (green/white to black/ white and green to black).



7. Connect the 2-pole black plug to the socket of the Brabus harness and attach the white plug of the Brabus harness to the free port of the CAN distributor the standard plug was connected to previously.
8. Solder the power supply wires of the Brabus wiring loom to the OBD port wires (red wire parallel to the wire out of Pin 16, brown wire parallel to the wire out of Pin 4). Sufficiently isolate the soldered areas!

6



9. Attach the control unit to the housing of the parking brake control using velcro tape supplied.
10. Re-attach all trim parts.
11. Perform a function check.