

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. Dismantle standard components according to Mercedes-Benz workshop instructions (WIS).
Prior to installation please check the content of the supplied components as detailed below.*

Included in delivery:

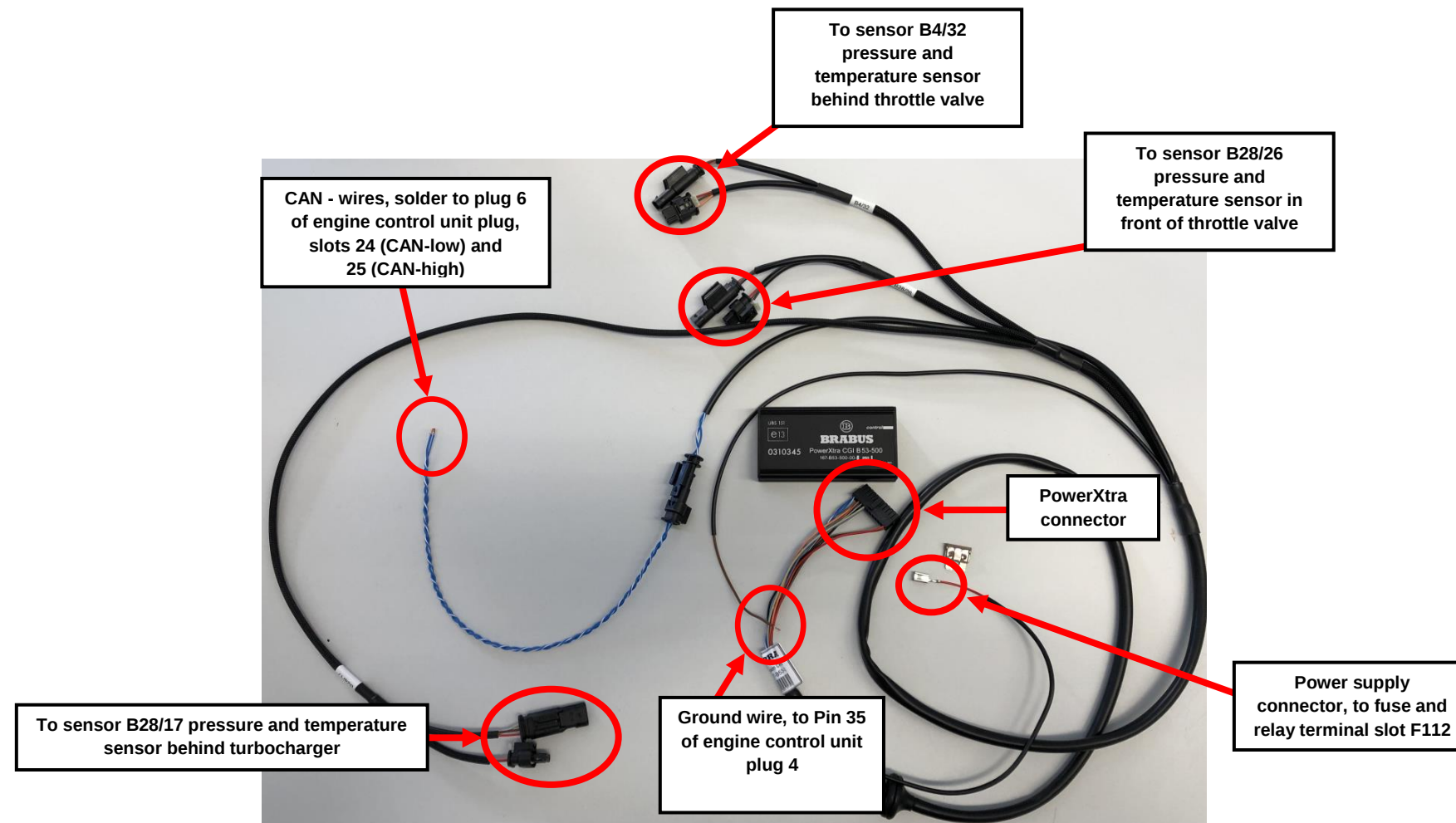
1x PowerXtra control unit	UBS151
1x Wiring harness	167-B53-05-K,
1x Lettering „Brabus“	211-000-14
1x Set of letterings „powered by“	000-000-30

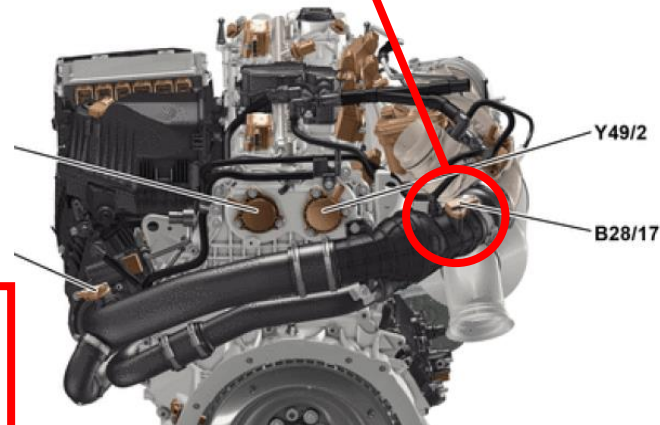
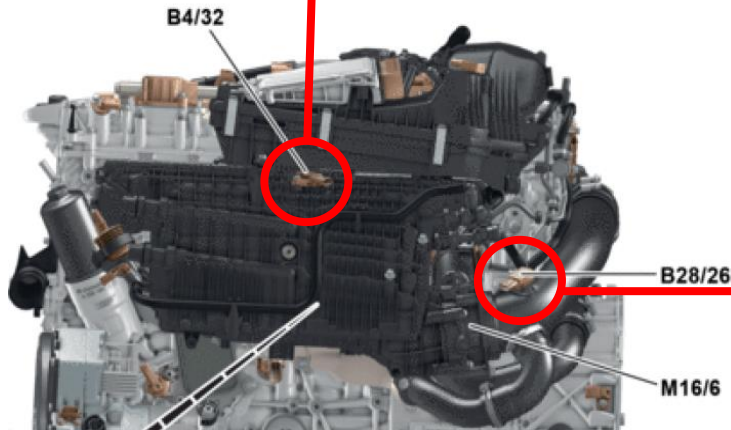
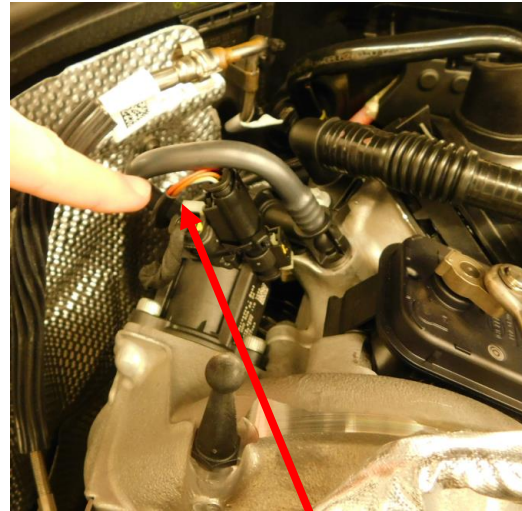
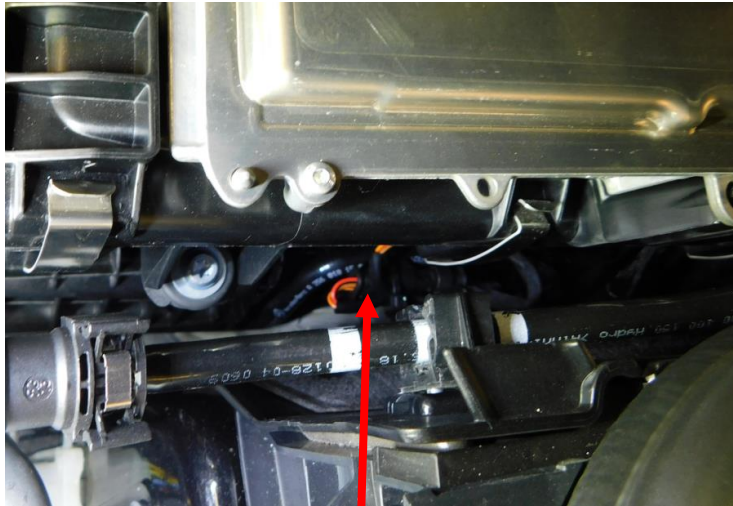
Installation:

- Open the bonnet of the vehicle, disconnect the ground line of the vehicle battery.
- Disassemble the engine plastic cover and the left plastic cover within the engine bay.



Route BRABUS wiring harness according to overview below and connect it to the sensors according to illustration on page 5. Make sure for tension-free wire routing.



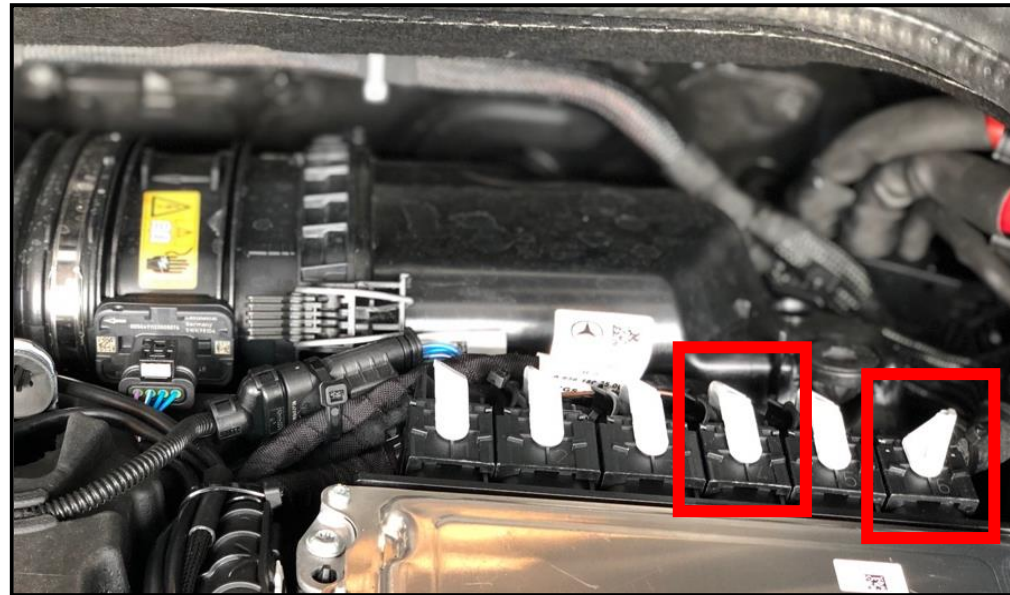
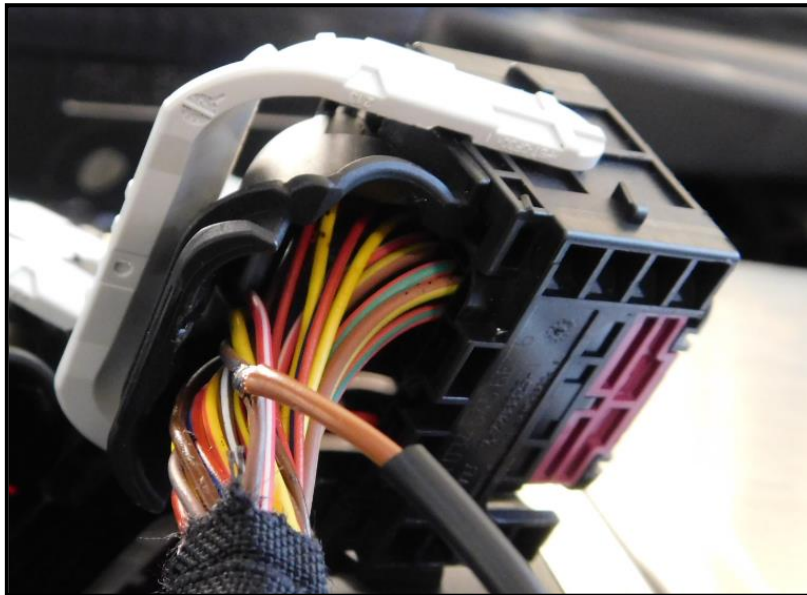


- B4/32 Pressure and temperature sensor behind throttle valve
- B28/26 Pressure and temperature sensor in front of throttle valve
- B28/17 Pressure and temperature sensor behind turbocharger

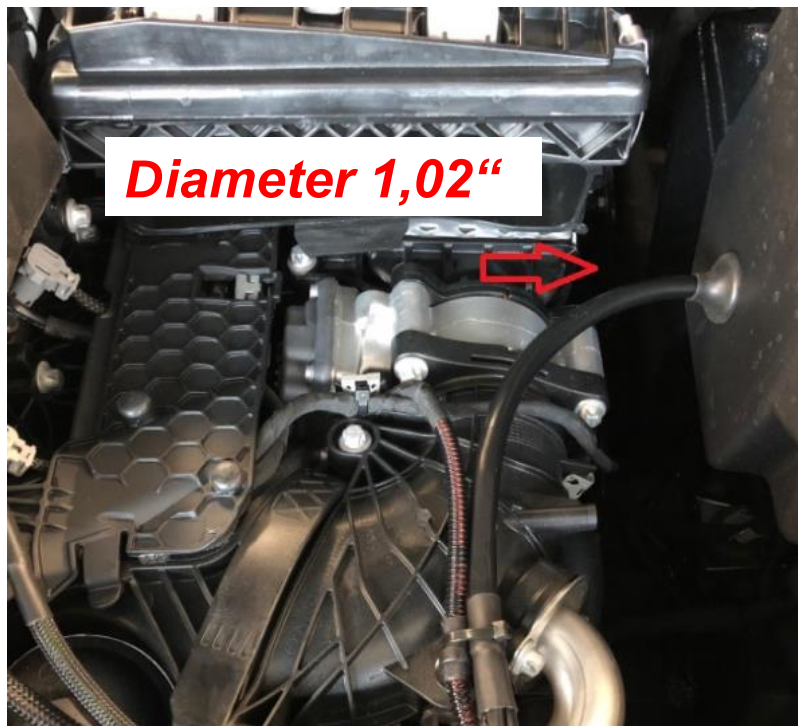
***Solder brown wire of Brabus engine bay harness parallel to the wire out of slot 35 of plug 4 (wire colors BN/GY),
Do not use any other ground source!***

Solder blue wire (CAN) to the wire out of slot 24 (CAN-low) of plug 6, solder blue-white wire (CAN) to the wire out of slot 25 (CAN-high) of plug 6.

***Attach plug locks back to control unit plugs, re-attach plugs to control unit ME.
Sufficiently isolate the soldered areas! Do not just wrap the wires around!***



Drill a hole with a diameter of 26mm (1,02") into the fuse and relay box according to images below. Route the wiring harness through the hole into the fuse and relay box and attach the rubber grommet to the hole. Connect wiring harness to PowerXtra-control unit, stow the control unit at the bottom of the fuse and relay box.



Connect Brabus engine bay wire harness to suitable positions using cable ties, make sure for safe and tension-free routing.

Attach power supply contact to port F112 of fuse and relay board from below. Attach 5Amp fuse supplied to port F112.



Re-attach all removed cover parts and make sure all electrical connections were securely made, all wires were routed securely and tension-free and that the wires are protected against damages. Re-connect the ground wire to the vehicle main battery.

Check the fault store and delete faults which may have occurred during installation. Perform a test-drive.