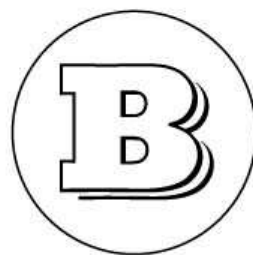




*Performance-kit B50-Hybrid for W-222/ S500 Plugin-Hybrid
222-750-100-250*

Attention:

Für operations at cars with high voltage-on board power supplies a special qualification measure (sensitization measure) is required.



BRABUS®

Installation instructions

English:

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.

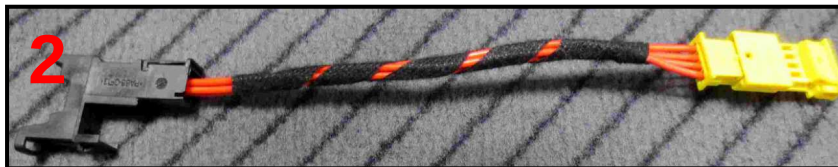
Only trained, qualified staff, having the necessary technical experience and tools, should perform the installation.

Therefore you have to read and completely understand these instructions.

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

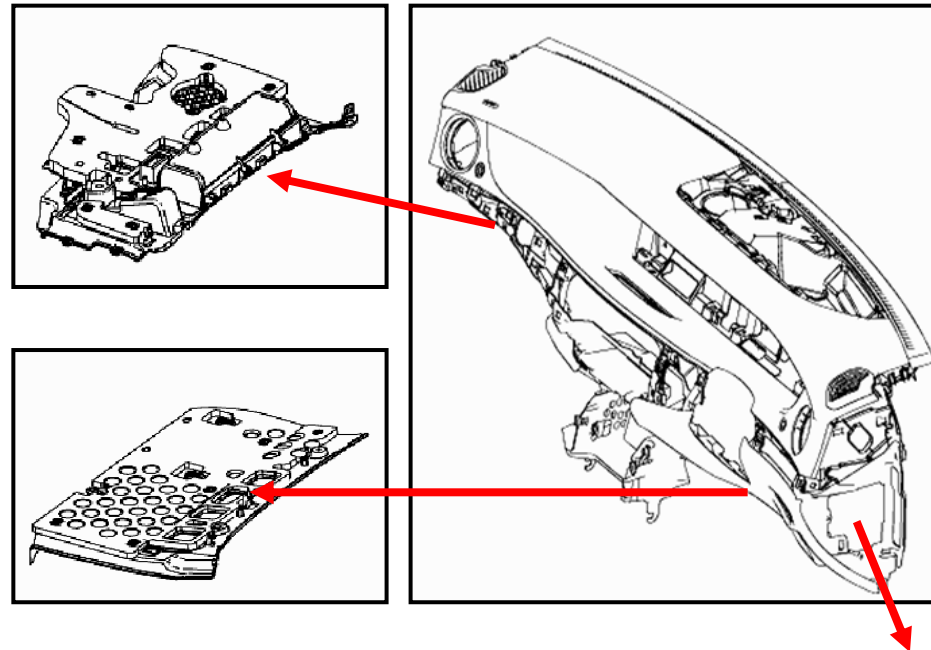
Included in delivery:

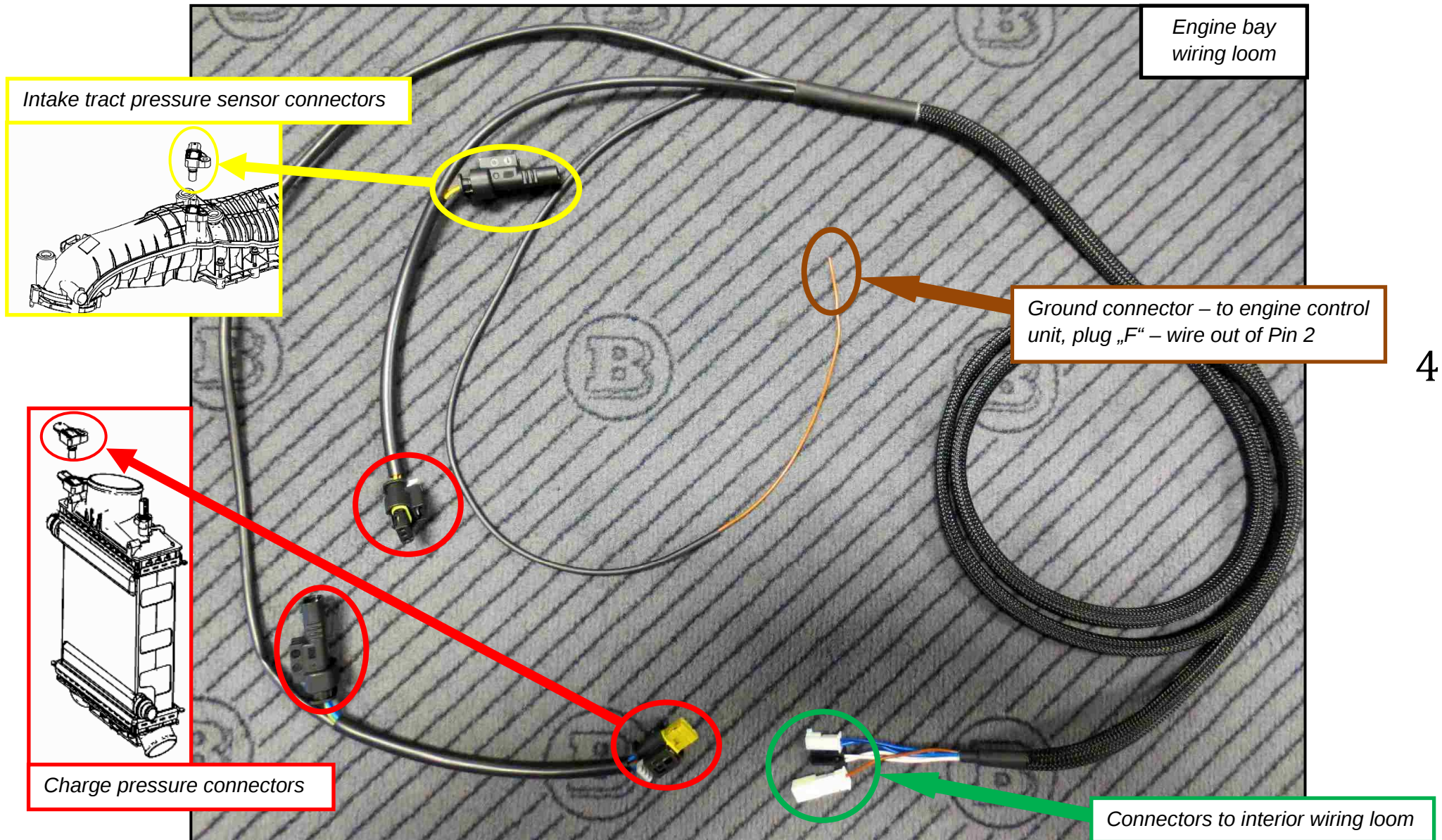
- 1x Electronic control unit (1) 000-CGI-02
- 1x Power supply distributor for constant power supply (2)
- 1x Interior wiring loom (3)
- 1x Engine bay wiring loom (4)
- 1x 2-pole plug, MQS (5)
- 1x Adhesive velcro tape
- 1x Lettering „Powered by“ 000-000-30
- 1x Lettering „Brabus“ 211-000-14

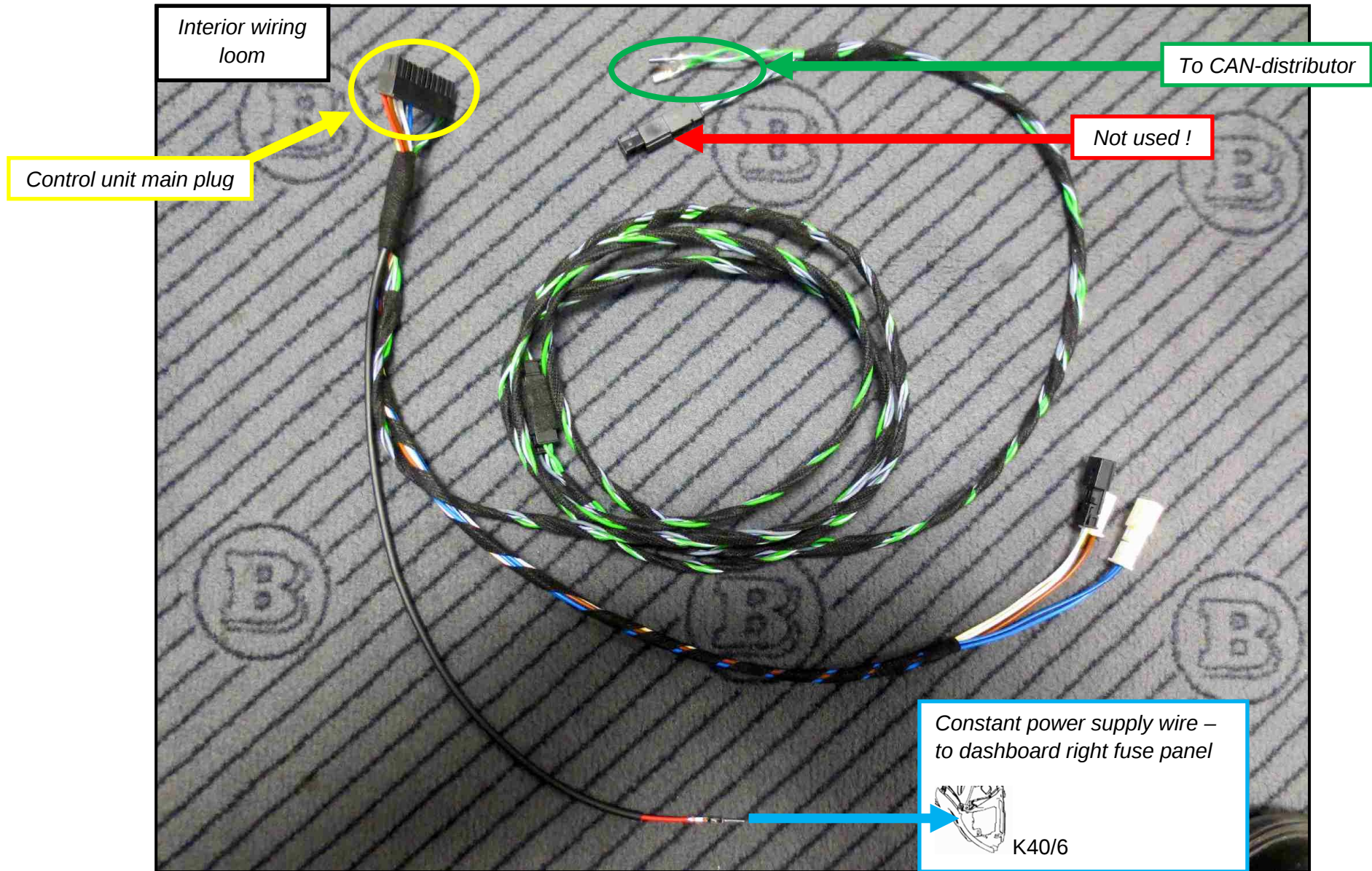


Preparation:

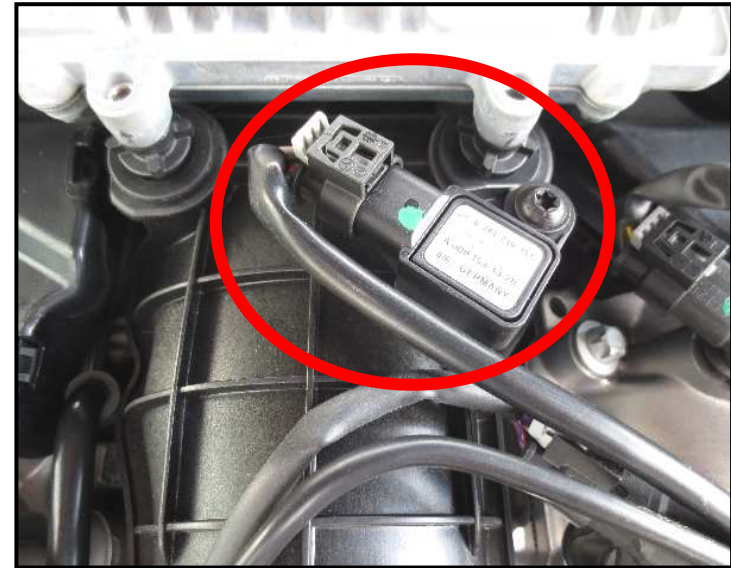
- Remove the left and right lower dashboard covers.
- Open the right side dashboard fuse panel.
- Remove the engine plastic covers.



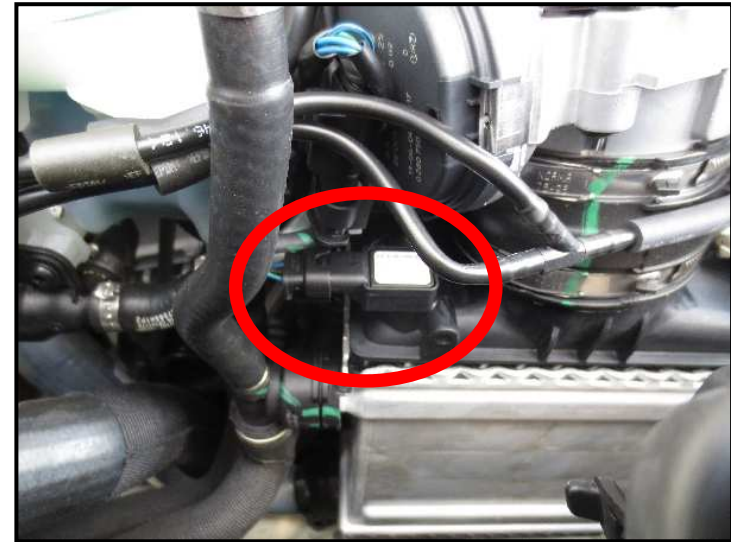




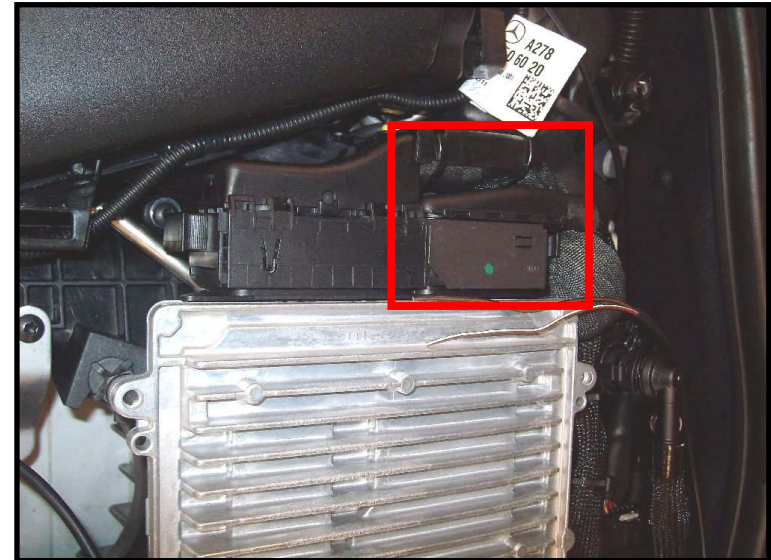
- Start to route the engine bay wiring harness at the intake tract pressure sensor.
- Connect the standard plug to the Brabus socket and the Brabus plug to the intake tract pressure sensor.
- Route the engine bay wiring harness to the charge pressure sensor (plug pair with longer wires).



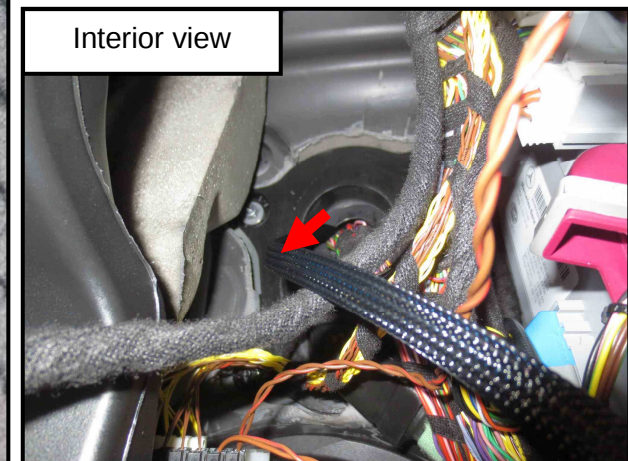
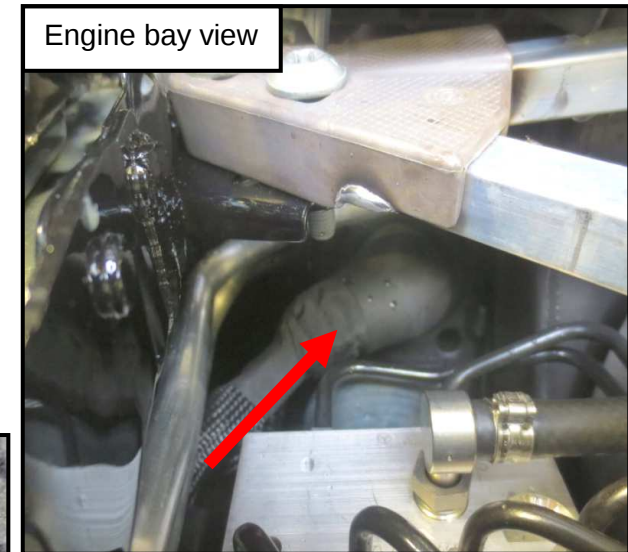
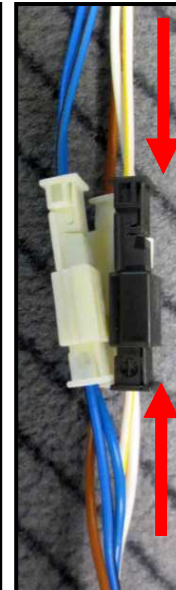
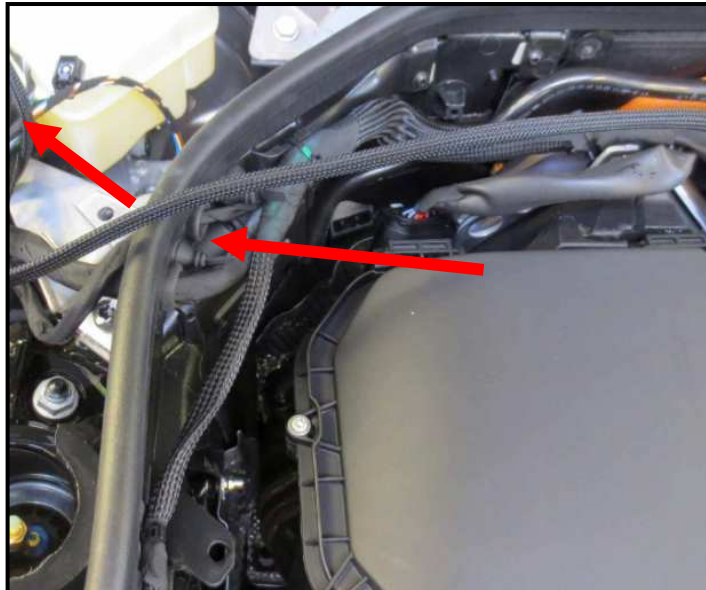
- Remove the standard plug of the boost pressure-sensor and connect it to the Brabus socket, connect the Brabus plug to the charge pressure sensor.
- Secure the engine bay harness to standard harnesses using cable ties in order to protect them against heat or sharp edges.



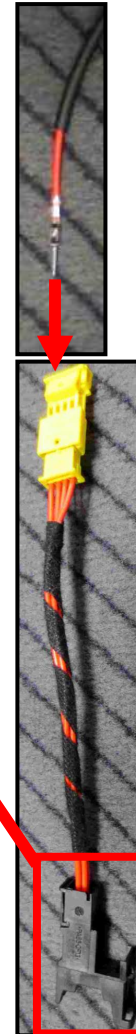
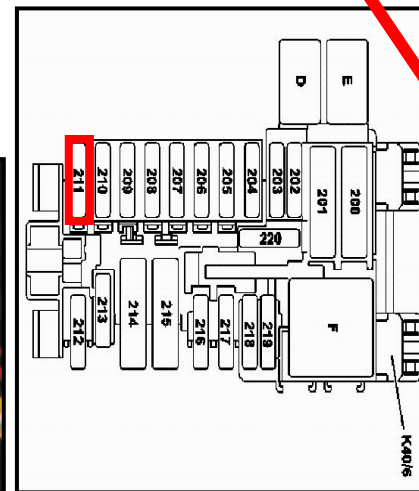
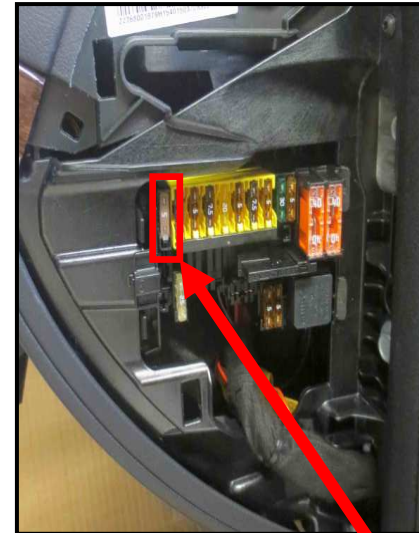
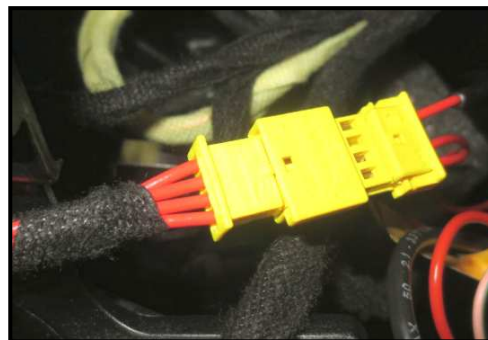
- Disconnect plug „F“ of the engine control unit and disassemble the plug housing in order to get access to the single wires.
- Solder the ground wire of the Brabus harness to the wire out of pin 2 of plug „F“, carefully isolate the soldered area.
- Re-assemble the plug, connect it back to the engine electronic control unit.



- Route the engine bay wiring loom to the cars right side (through engine bay interwall) and into the car through rubber grommet shown. It might be helpful using a litz-wire.
- Make After the wiring loom has been routed into the car make sure the implementation is absolutely dense.
- For safety seal the area the wiring loom has been routed through.
- Connect the engine bay wiring loom to the interior wiring loom.



- Attach the power distributor supplied to slot 211 of the right dashboard fuse- and relay module K40/6.
- Attach the power supply wire of the Brabus interior wiring loom to a free slot of the yellow power distributor-plug.



- Route the CAN-wire of the Brabus interior wiring loom to the left side and to the CAN distributor shown.
- Attach the CAN plug to a free slot of the CAN distributor.
- Connect the main plug of the Brabus interior wiring loom to the electronic control unit.
- Attach the 5 Amps fuse supplied to the fuse bracket.
- Attach the electronic control unit of the performance-kit to the top of the housing of the electronic parking brake using velcro tape supplied.
- Re-attach all trim and cover parts
- Check the fault store using Star Diagnosis and delete faults which might have occurred during the assembly of the performance-kit.
- Perform a test-drive.

