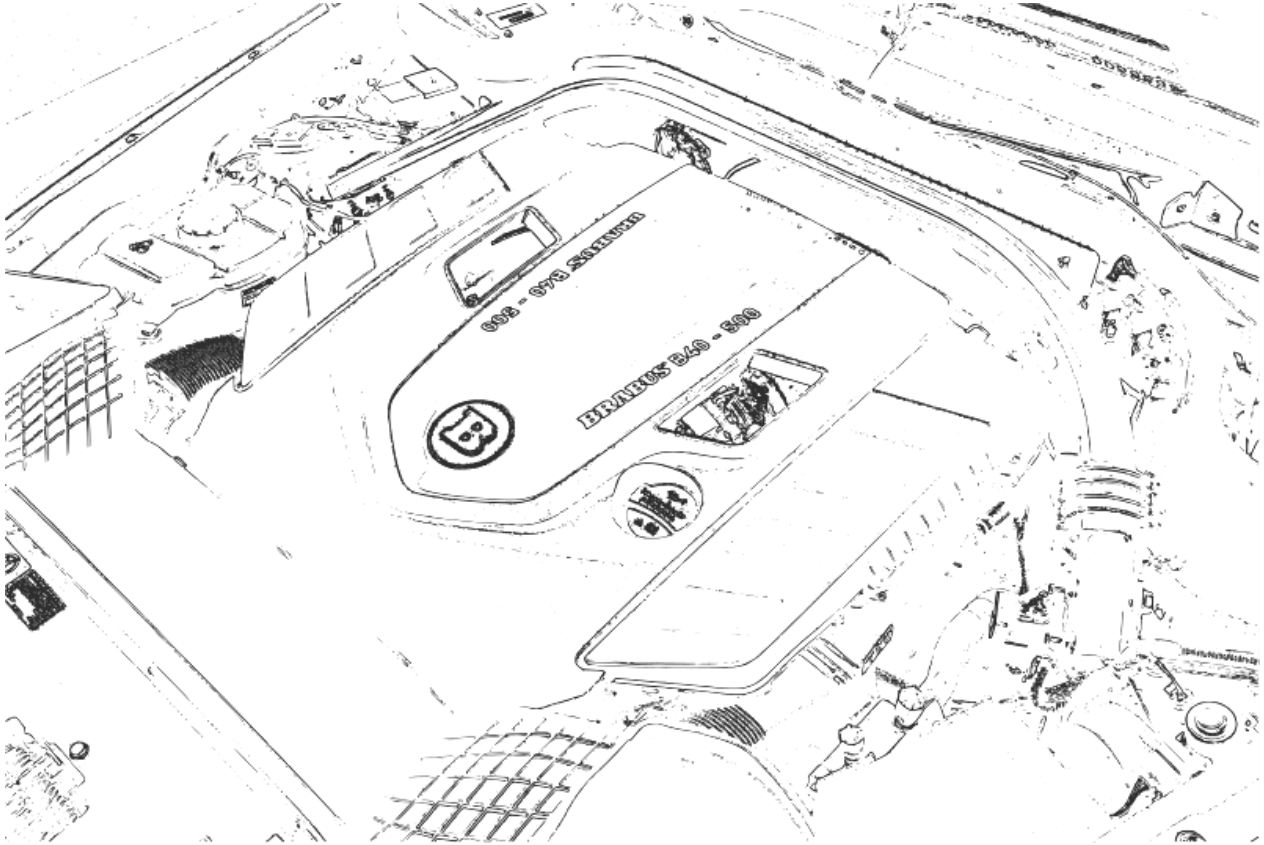
Performance-kit B40-500 for W463-G500 from my 2019, article-no. 464-B40-500-XXX



Installation guide

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

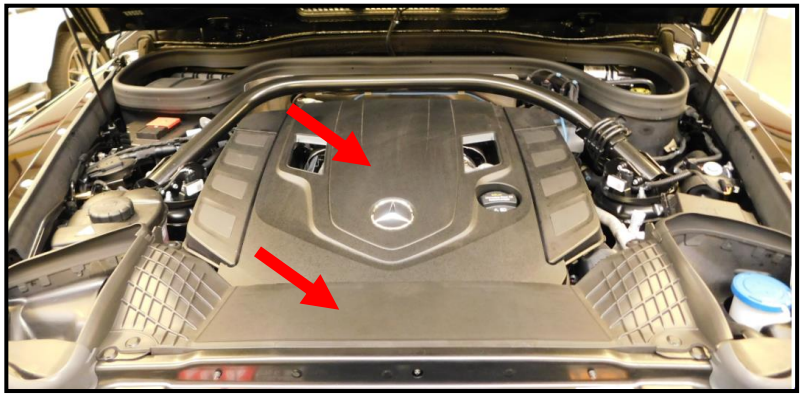
Included in delivery:

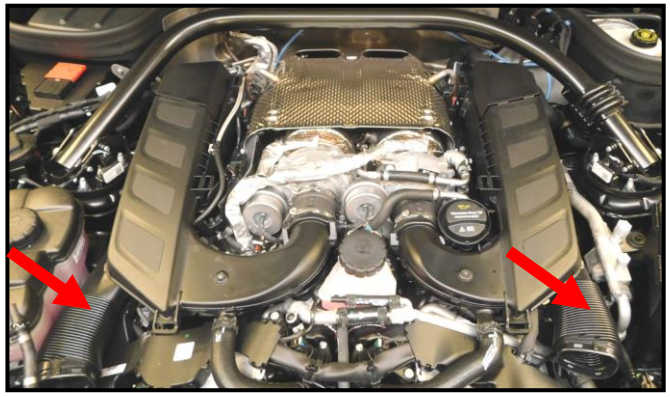
1x PowerXtra-S control unit	*000-CGI-02*
1x Wiring harness incl. 5Amp fuse	*464-740-05-K*
1x Brabus-typing	*211-000-14*
1x Set of powered by letterings	*000-000-30*

Preparations:

- Disconnect the ground wire from the vehicle battery below the flooring within the boot compartment. Loosen the drawbar eyes to be able to access the vehicle battery.

- Open the bonnet, remove the plastic engine covers and the left and right air ducts.

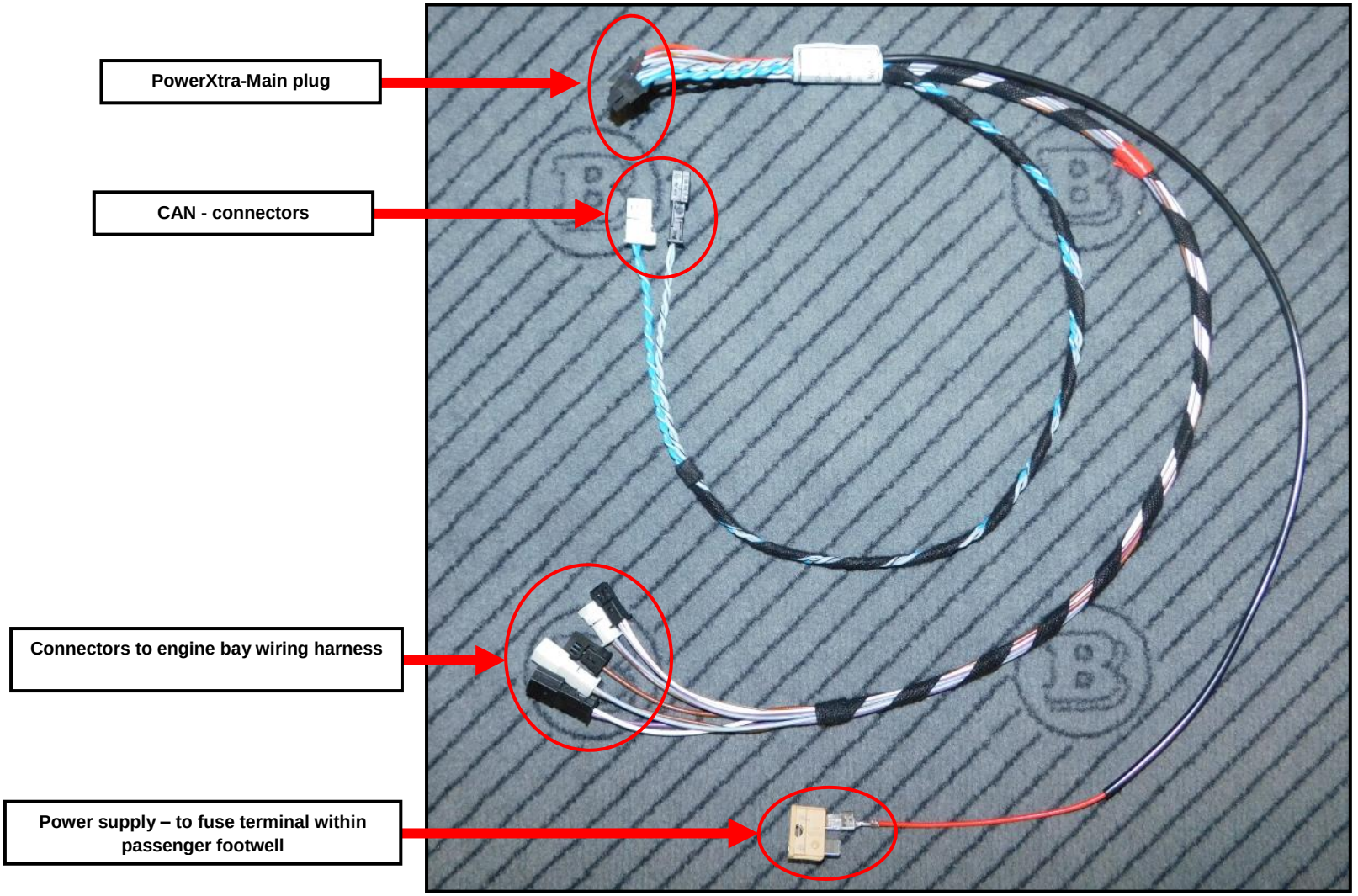




- Disassemble the driver's side plastic entrance trim according to Mercedes-Benz workshop instructions.

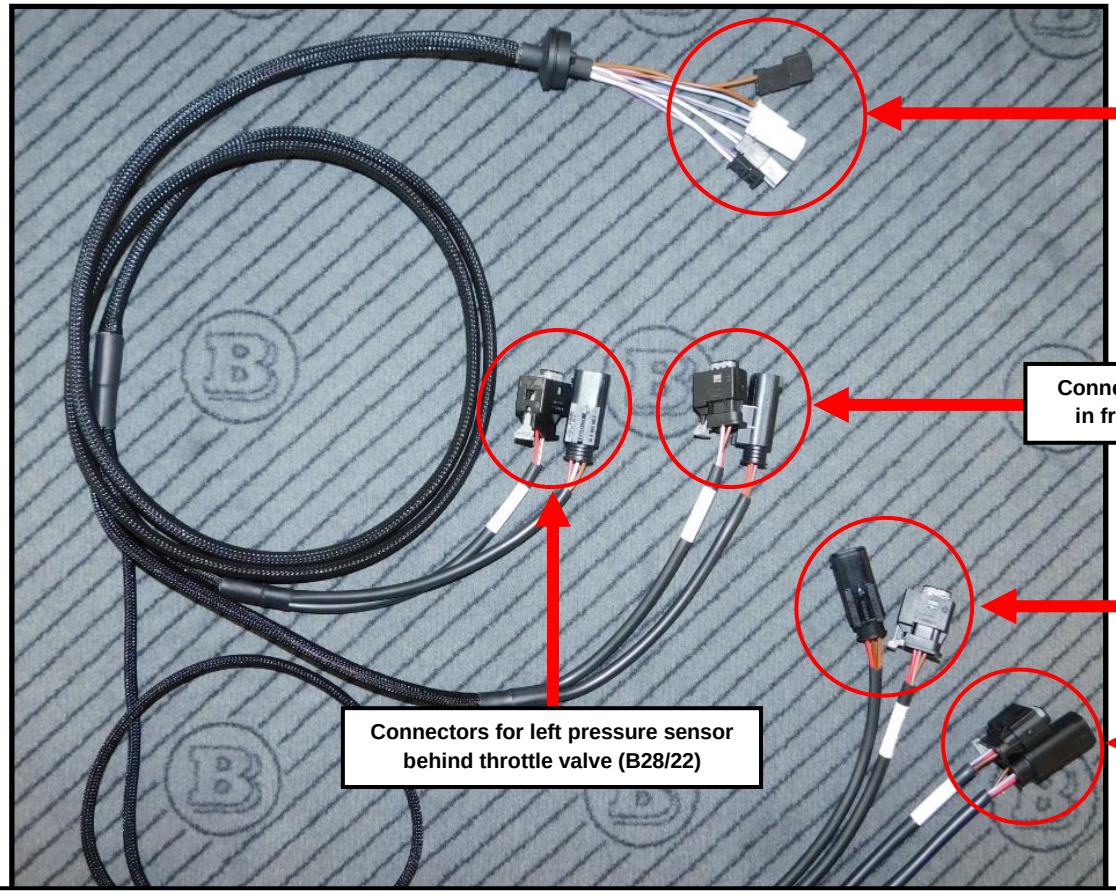
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Electrical connections overview of interior wiring harness:



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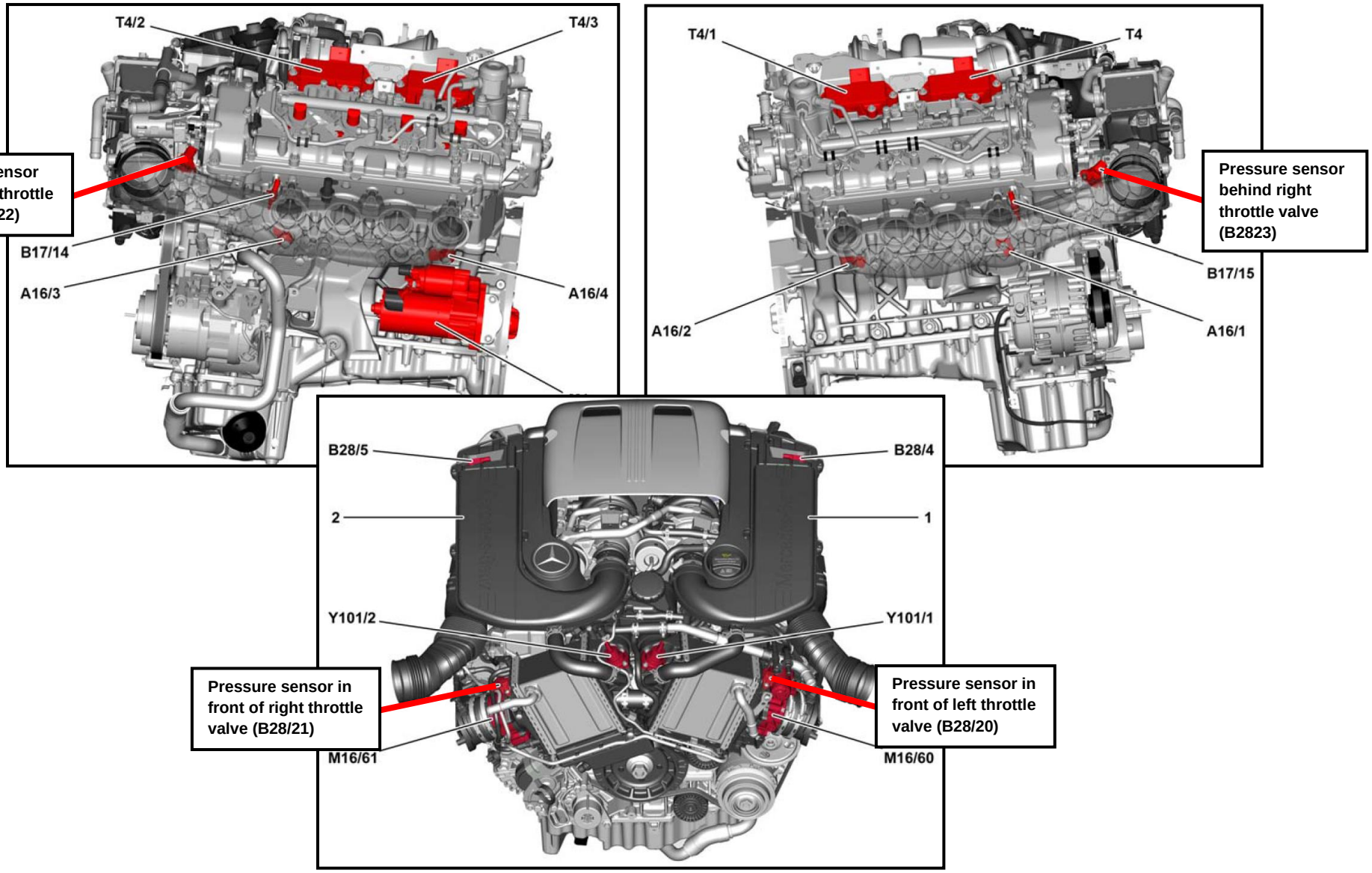
Electrical connections overview of engine bay wiring harness:



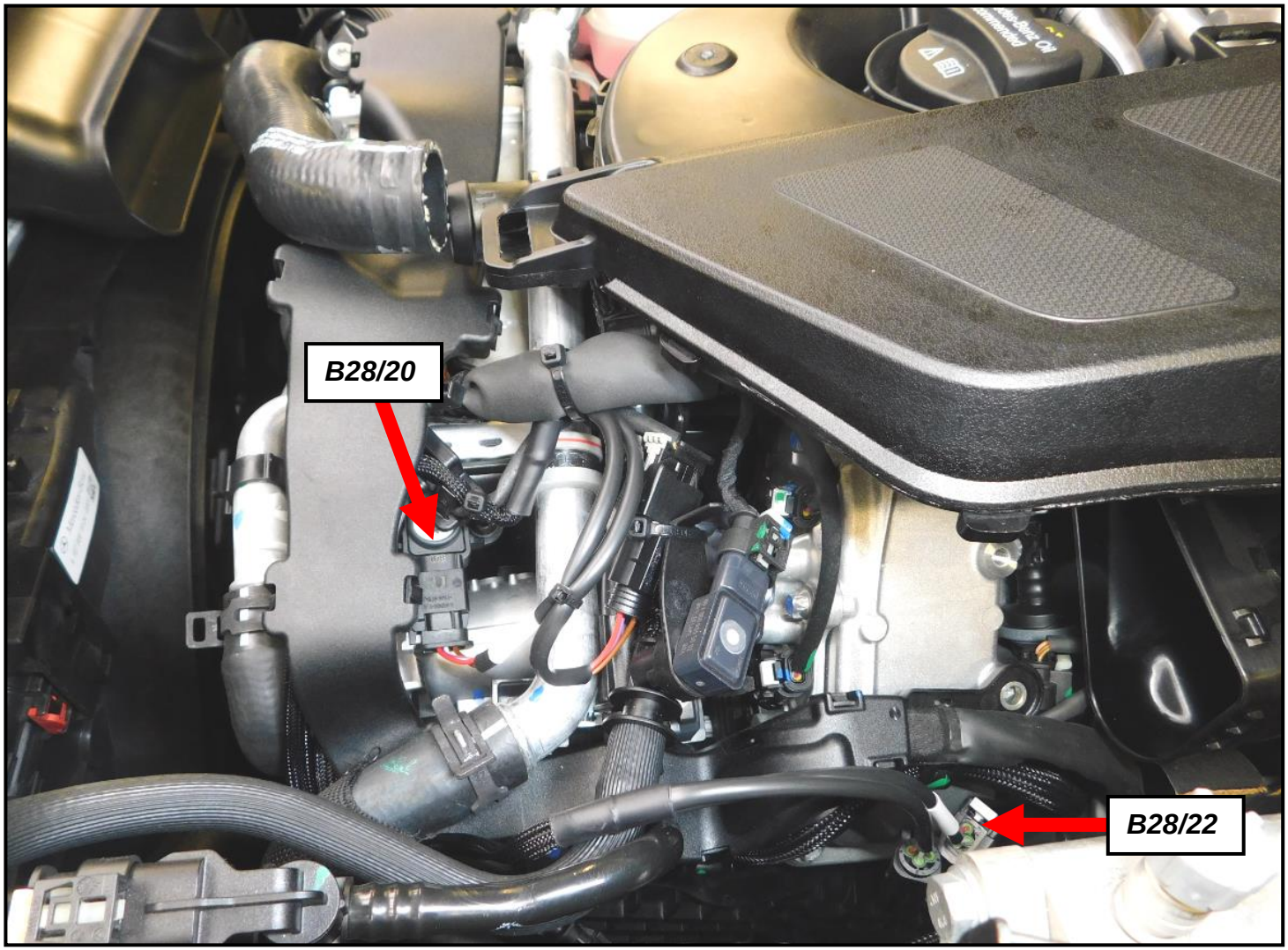
Attention: ***The standard sensors the Brabus wiring harness needs to be connected to are difficult to access. It may help to remove further plastic trims in order to be able to connect the wiring harness to the sensors.***

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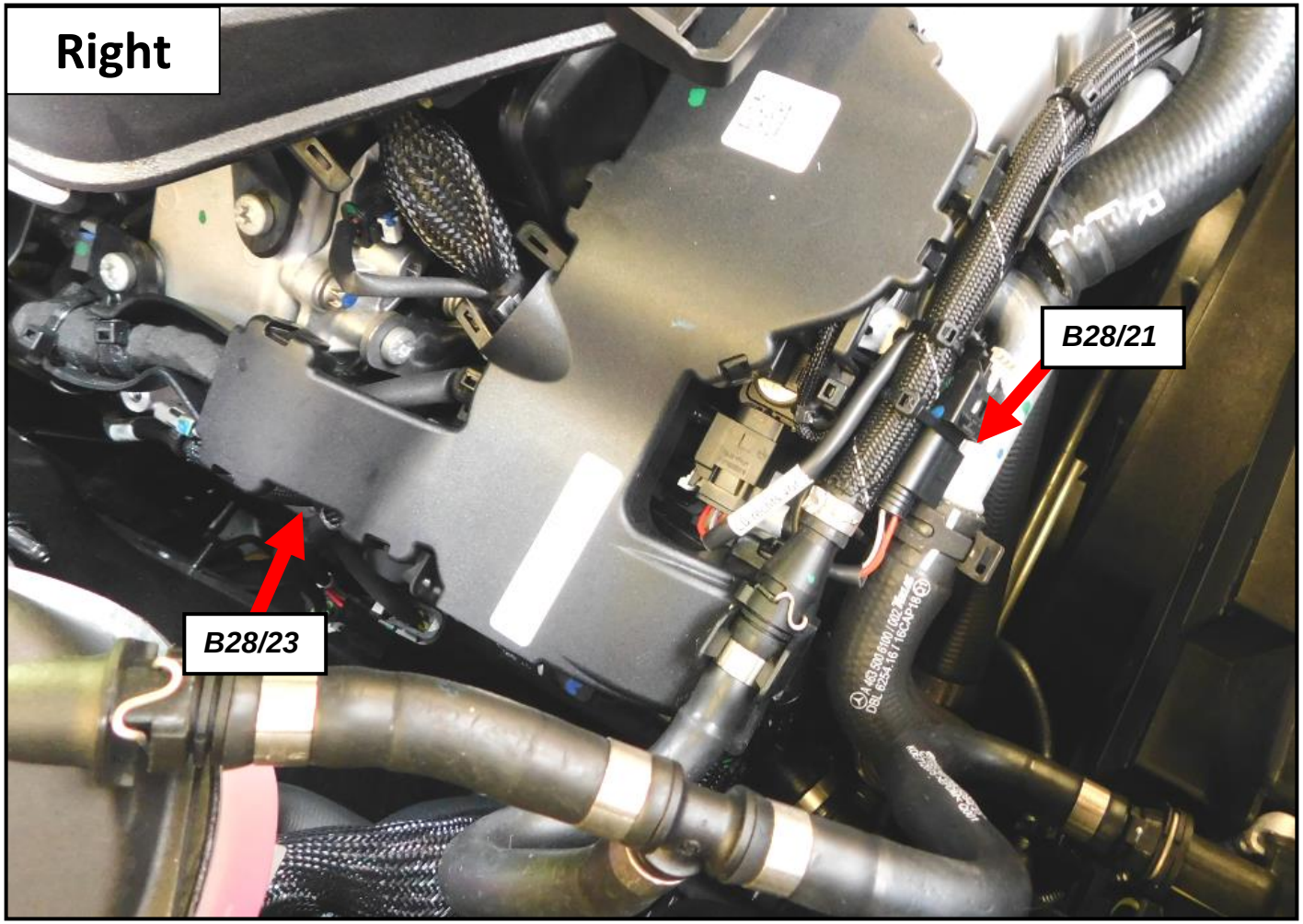
Positions of standard sensors the Brabus harness is connected to



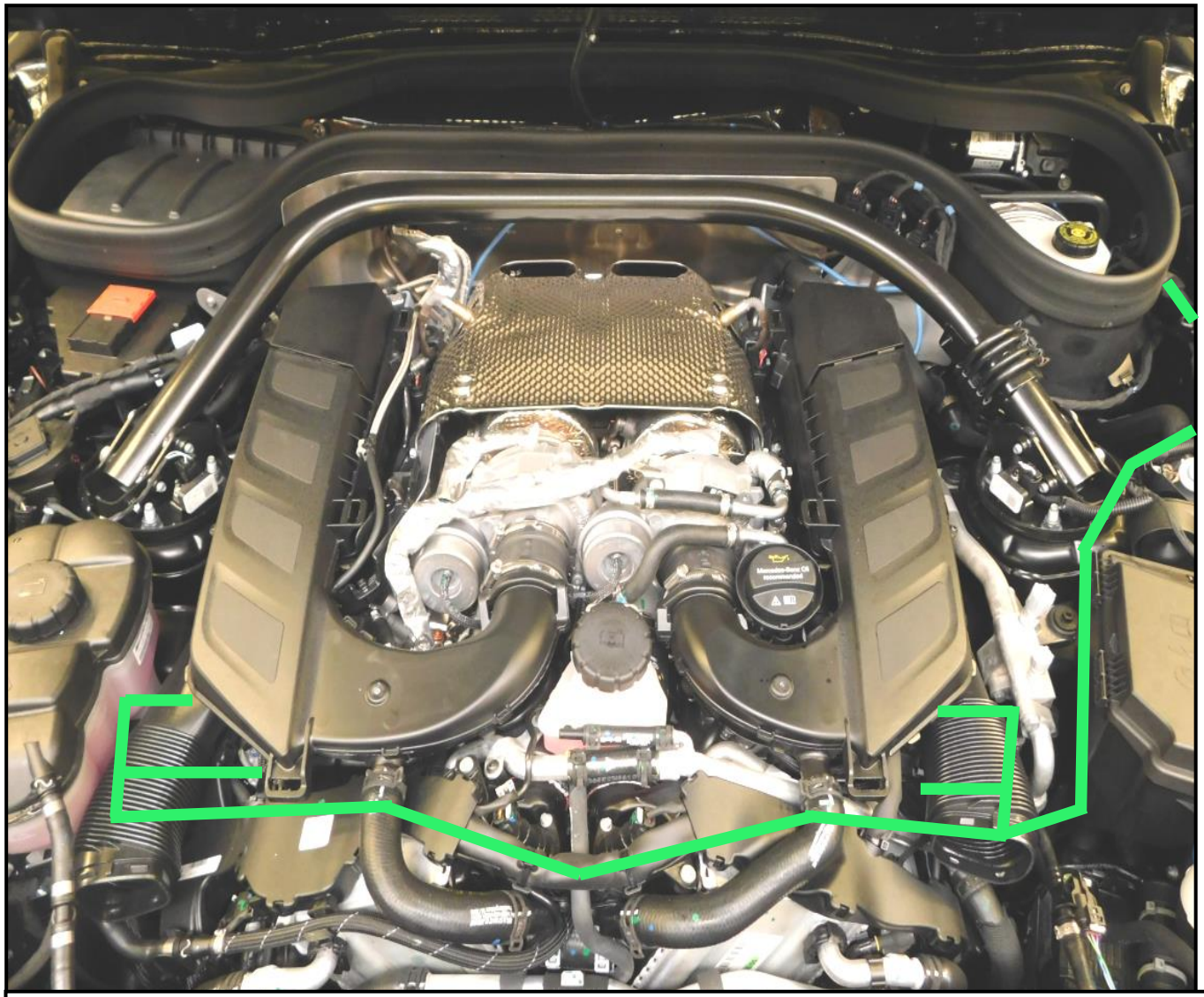
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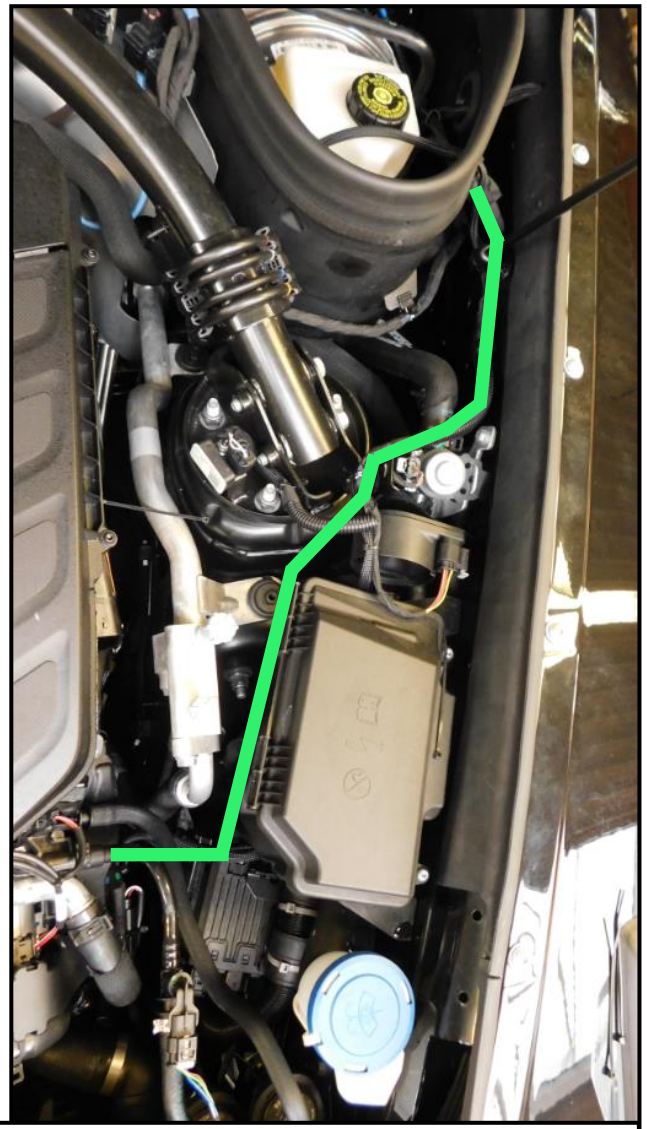


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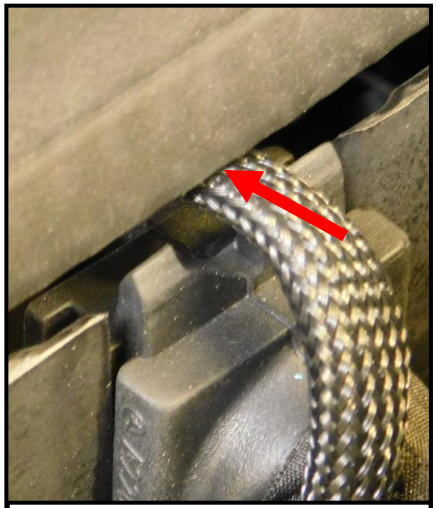
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Route the wiring harness according to illustration below and attach to standard engine wirings using cable ties.
Attach plugs of Brabus wiring harness to sensors and standard sensor plugs to sockets of Brabus wiring harness.

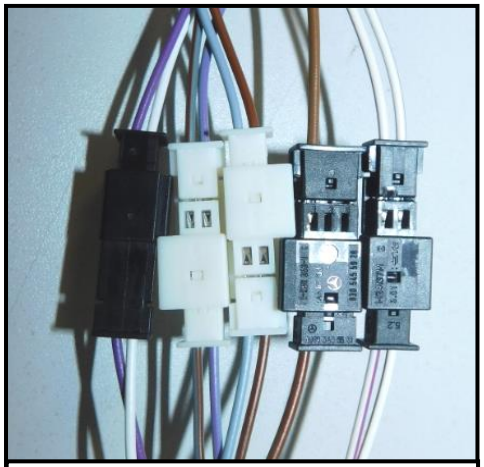
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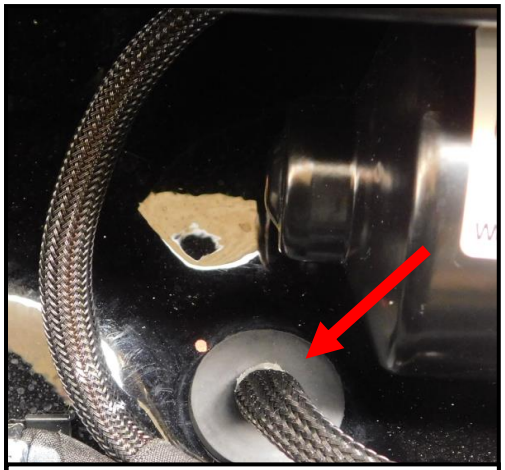
Route wiring harness above rubber grommet into vehicle (cut grommet).



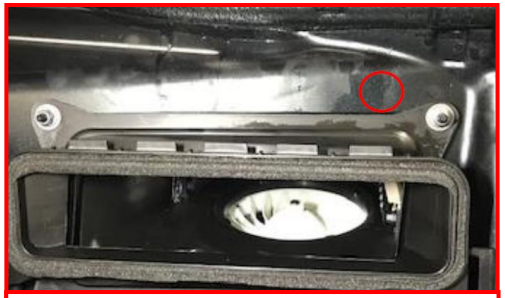
Remove rubber plug shown.



Connect engine bay harness to interior harness (connections cannot be interchanged).



Route wiring harness through hole into the vehicle, attach wiring harness rubber grommet to bulk head hole.



At right hand vehicles drill a hole (18mm) into the bulkhead according to image framed red using a suitable cone drill and route the wiring harness into the vehicle.



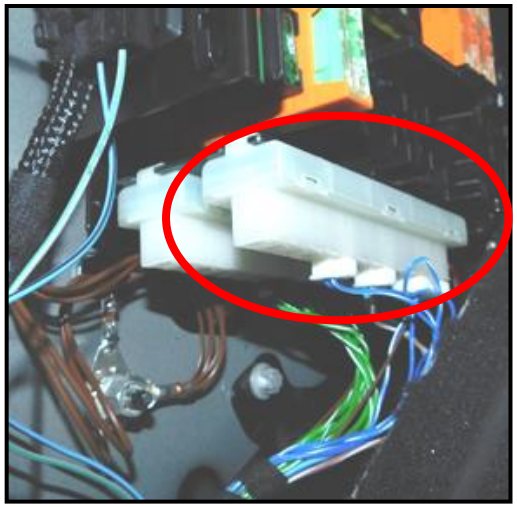
Route wiring harness to fuse and relay box K40/6 within left footwell.

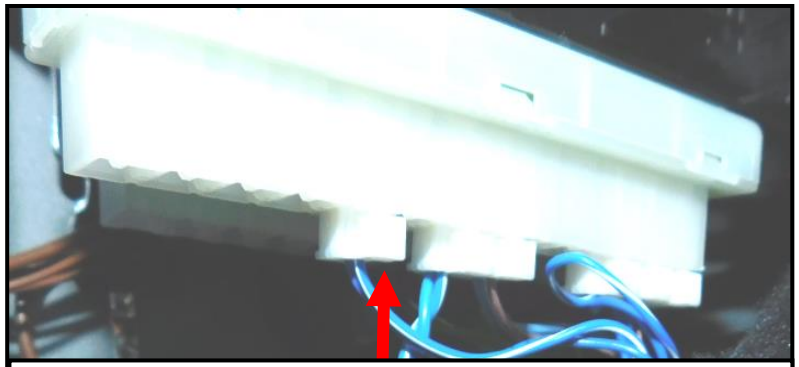


Attention:

The wiring harness may definetely not touch the steering column or the pedalry and may not be routed along these components or be able to block their functions! Make sure for sufficient clearance!

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Attach CAN plug to free port of CAN distributor X30/21.

The plug connection with wire colors gy/ gy-bk is not used.



Loosen fuse and relay box driver side K40/6 according to WIS document AR54.15-P-0003XG and fold aside.



Attach power supply contact from behind to fuse port shown. Attach 5Amp fuse to fuse port.

Assemble all plastic trims and covers, check the wiring harness for proper routing.

Connect ground wire to vehicle battery. Check the fault store of the engine control unit and delete faults which might have occurred during installation. Start engine and perform a test-drive.

PowerXtra is ready to run after installation, there are no further adaptations/ adjustments to be performed.



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