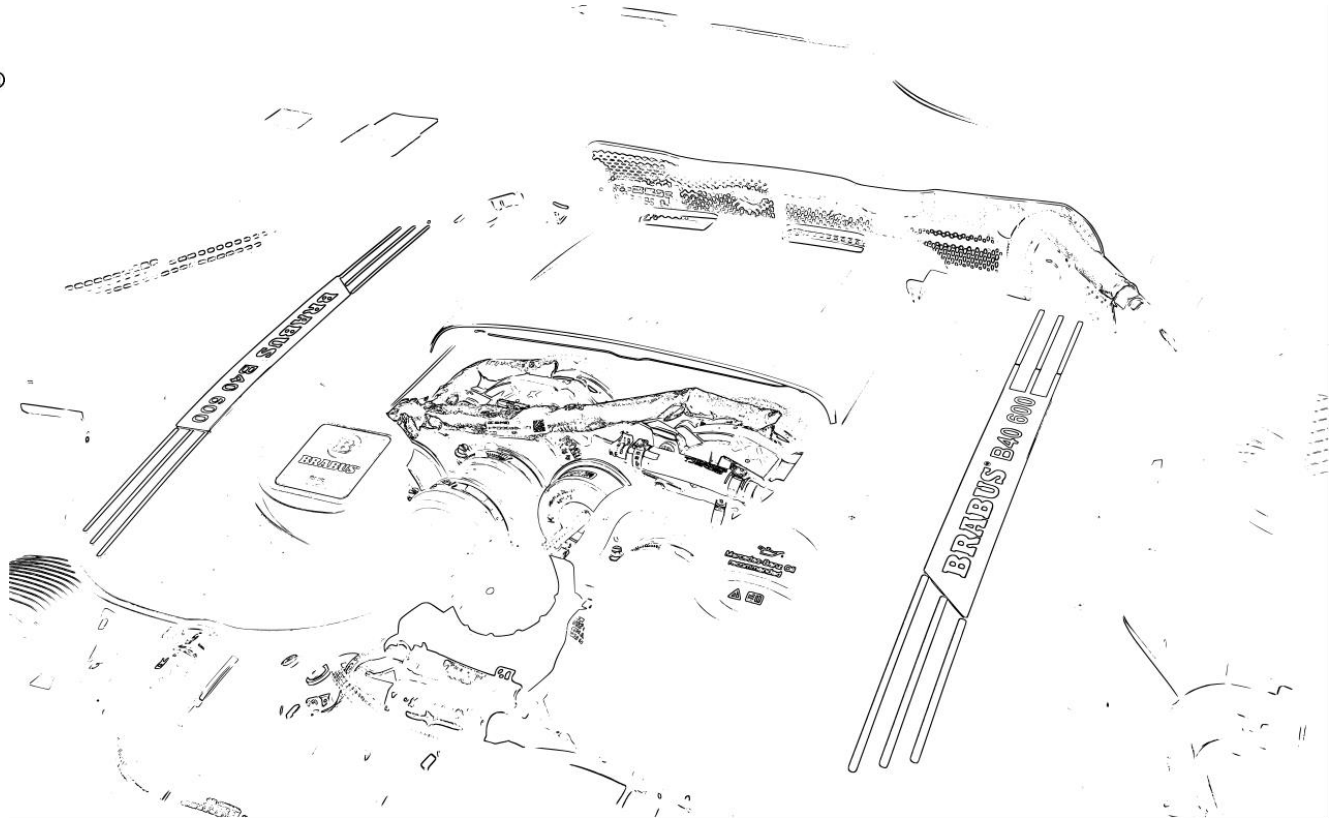
Performance kit B40-600 for C/ X 253 - GLC63 AMG, article-no.253-B40-00-XXX

BRABUS®



Installation guide

The 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.

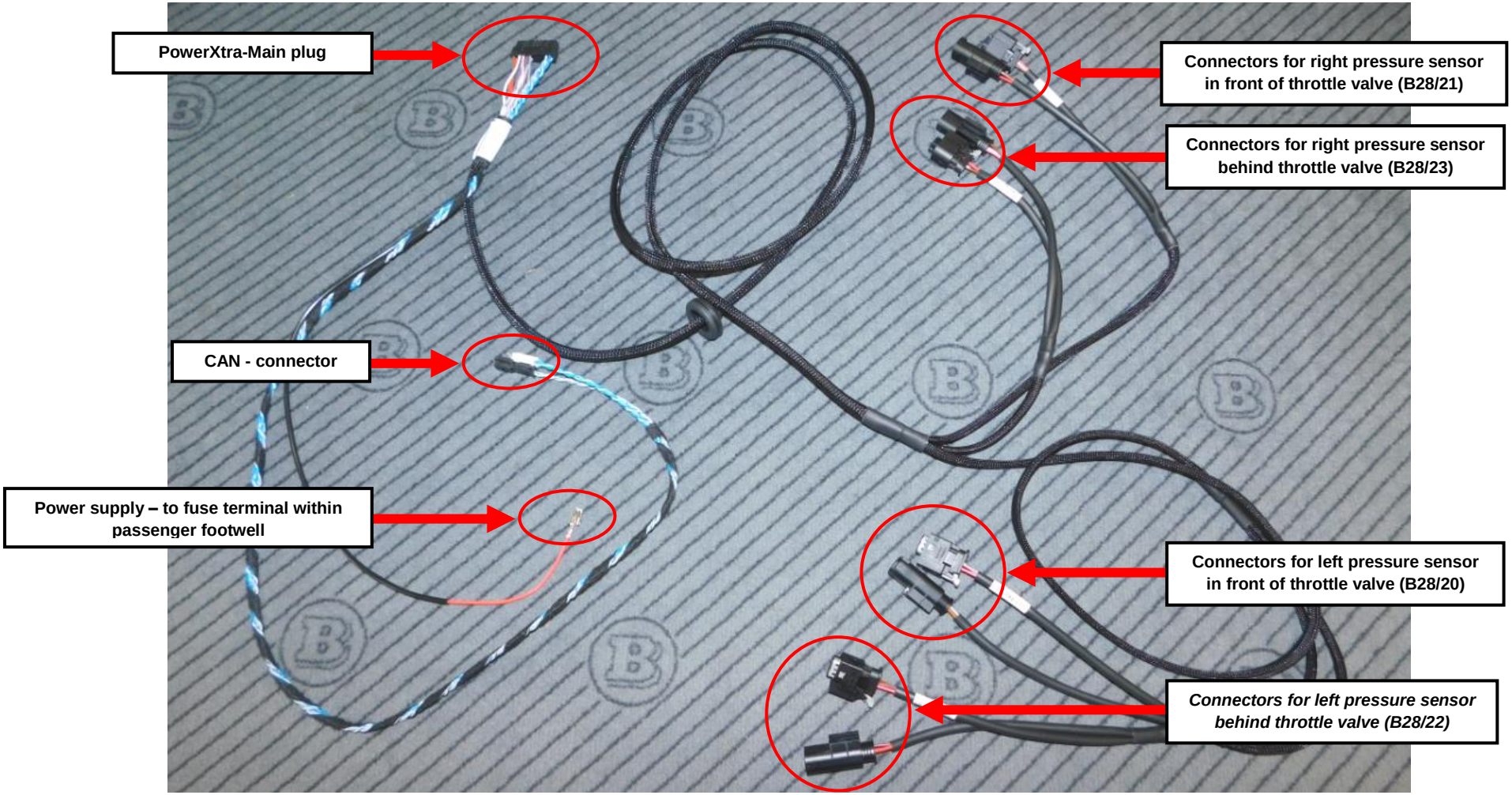
Included in delivery:

1x PowerXtra control unit	000-CGI-02
1x Wiring harness incl. fuse, 5AMP	253-740-05-K
1x Brass badge 65 mm x 65 mm	000-738-82
2x Alloy bezel „B40-600“	205-B40-100
1x Typing „Brabus“	211-000-14
1x Set of typings „powered by“	000-000-30
1x Type approval	

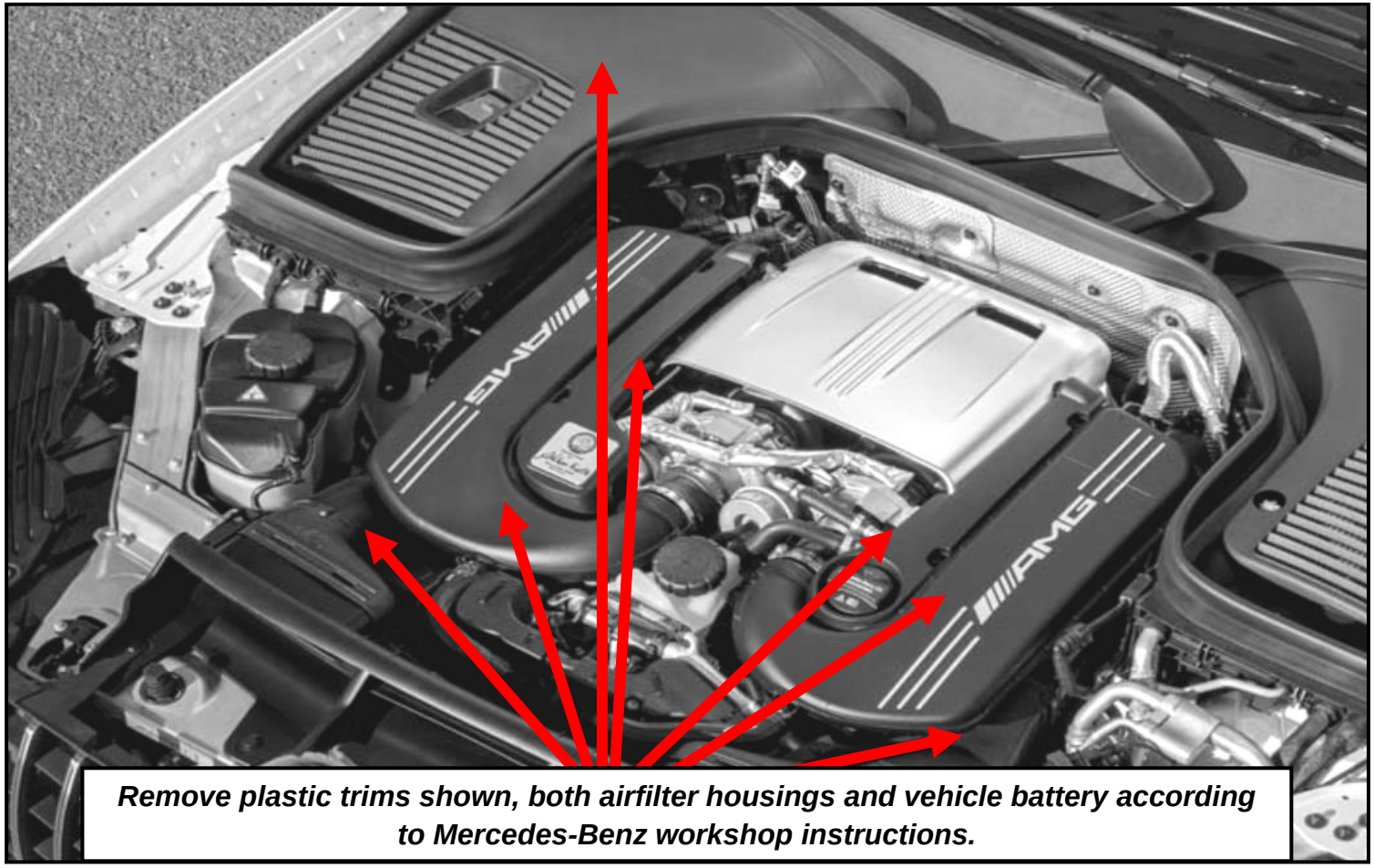


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Electrical connections overview:



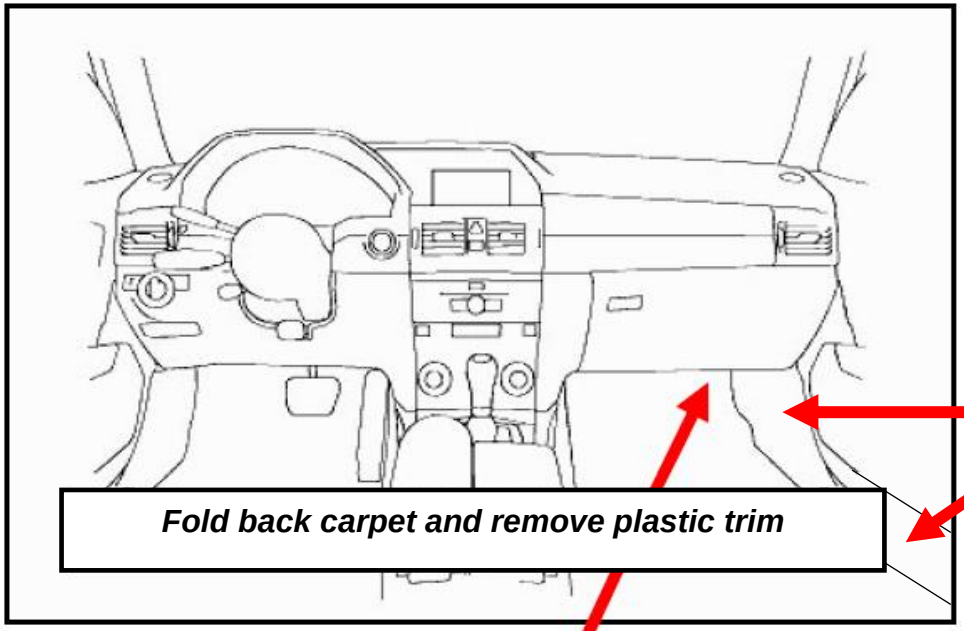
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Remove plastic trims shown, both airfilter housings and vehicle battery according to Mercedes-Benz workshop instructions.

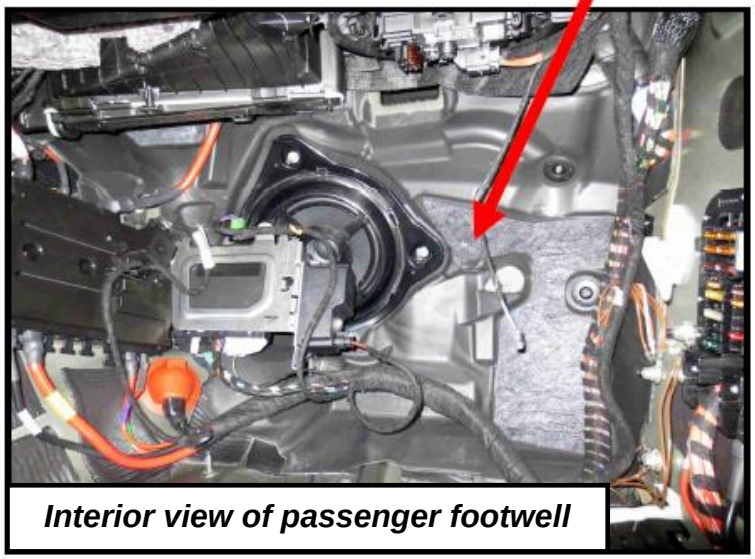
Attention: ***The standard sensors the Brabus wiring harness needs to be connected to are difficult to access. It may help to remove further plastic trims in order to be able to connect the wiring harness to the sensors.***

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Fold back carpet and remove plastic trim

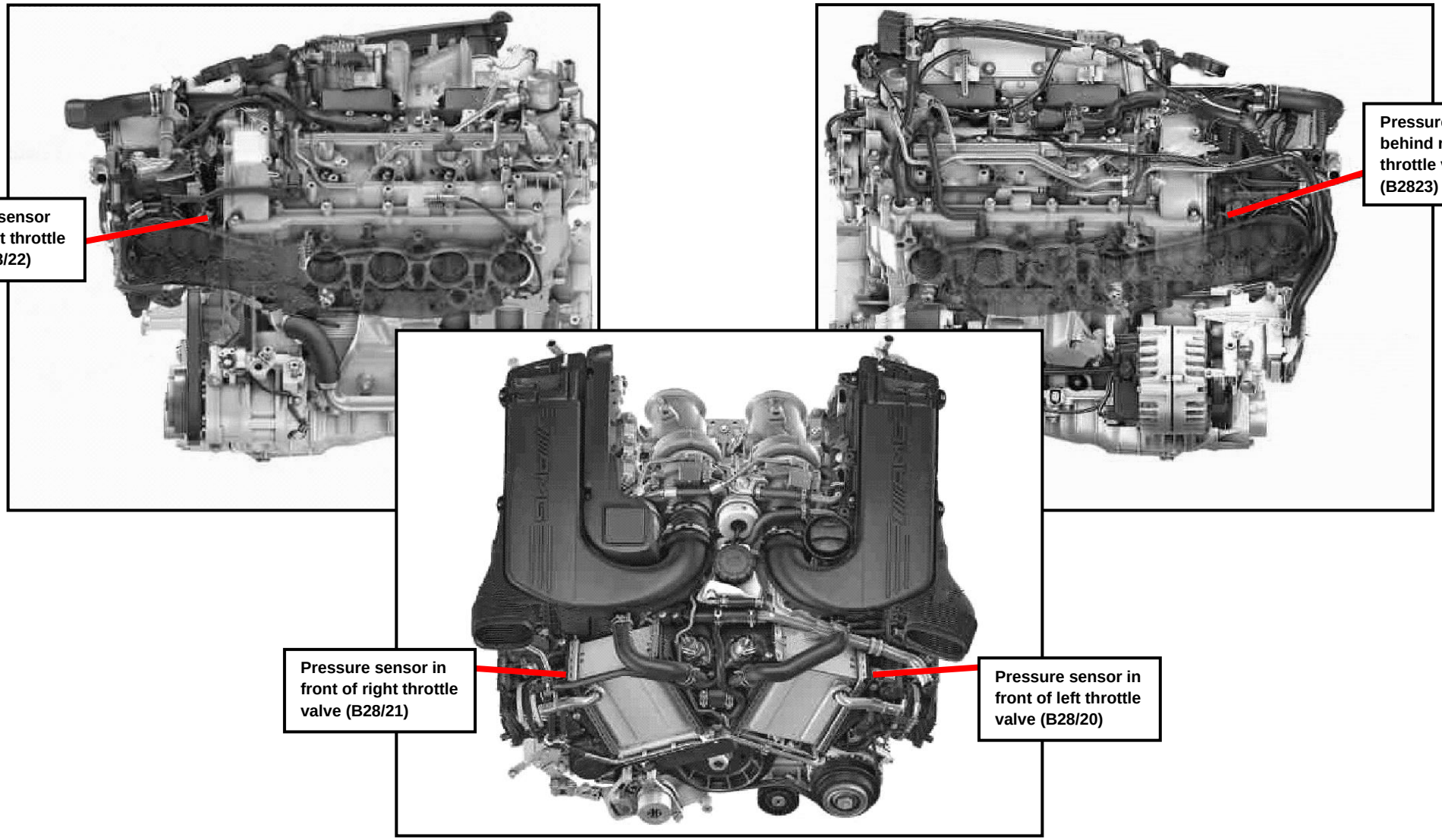
Remove right lower a trim-pillar and right plastic entrance panel



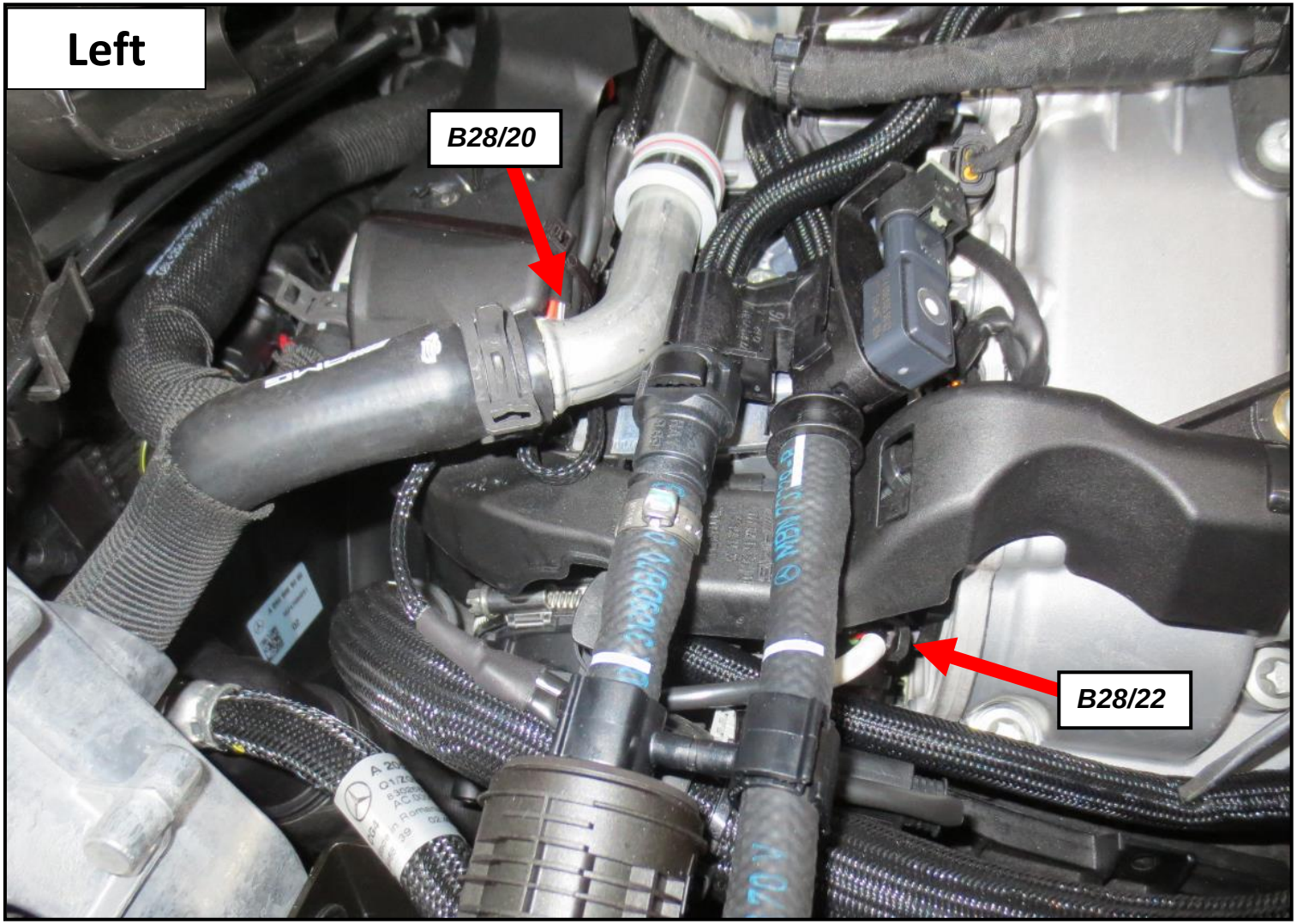
Interior view of passenger footwell

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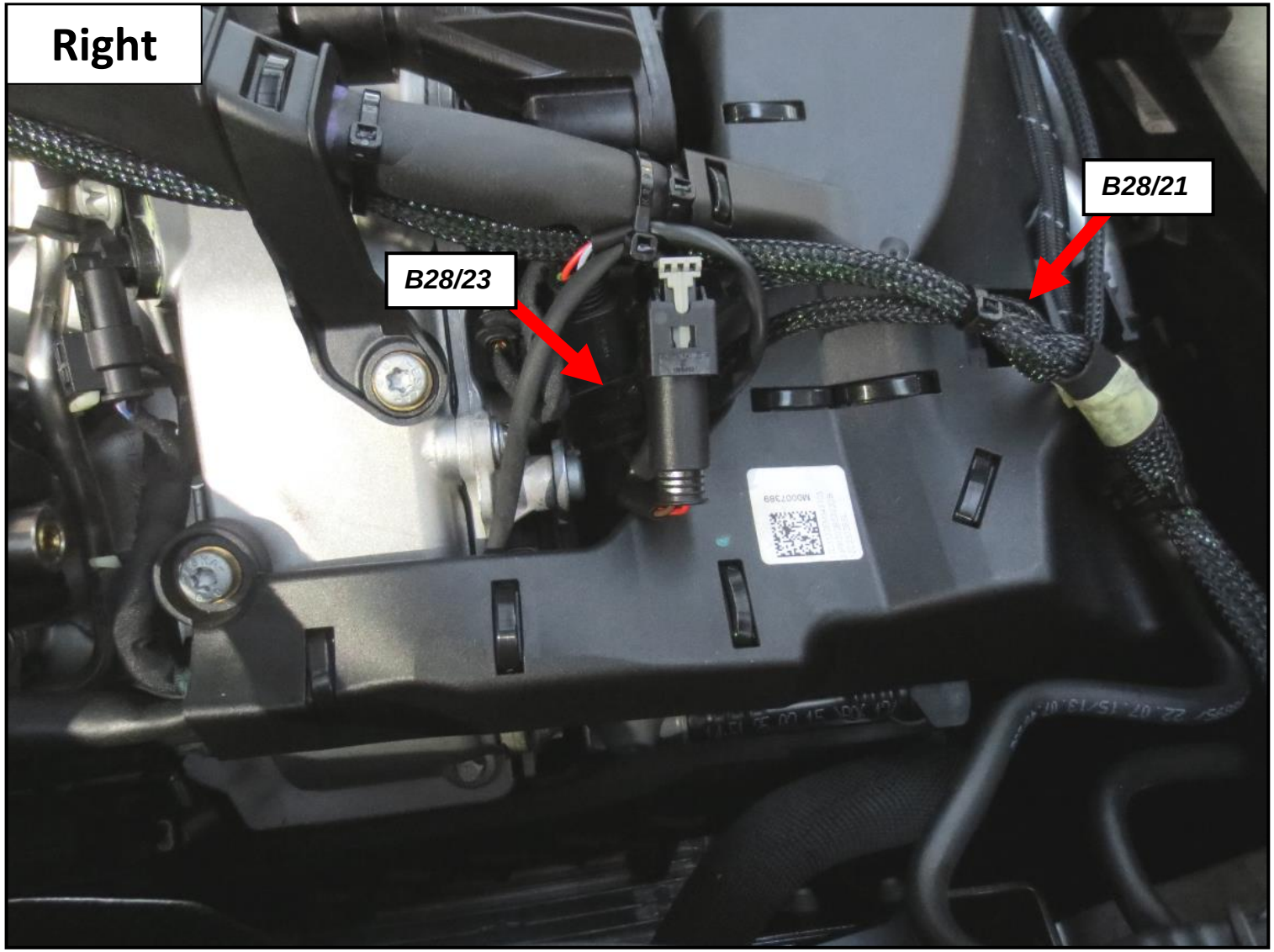
Positions of standard sensors the Brabus harness is connected to



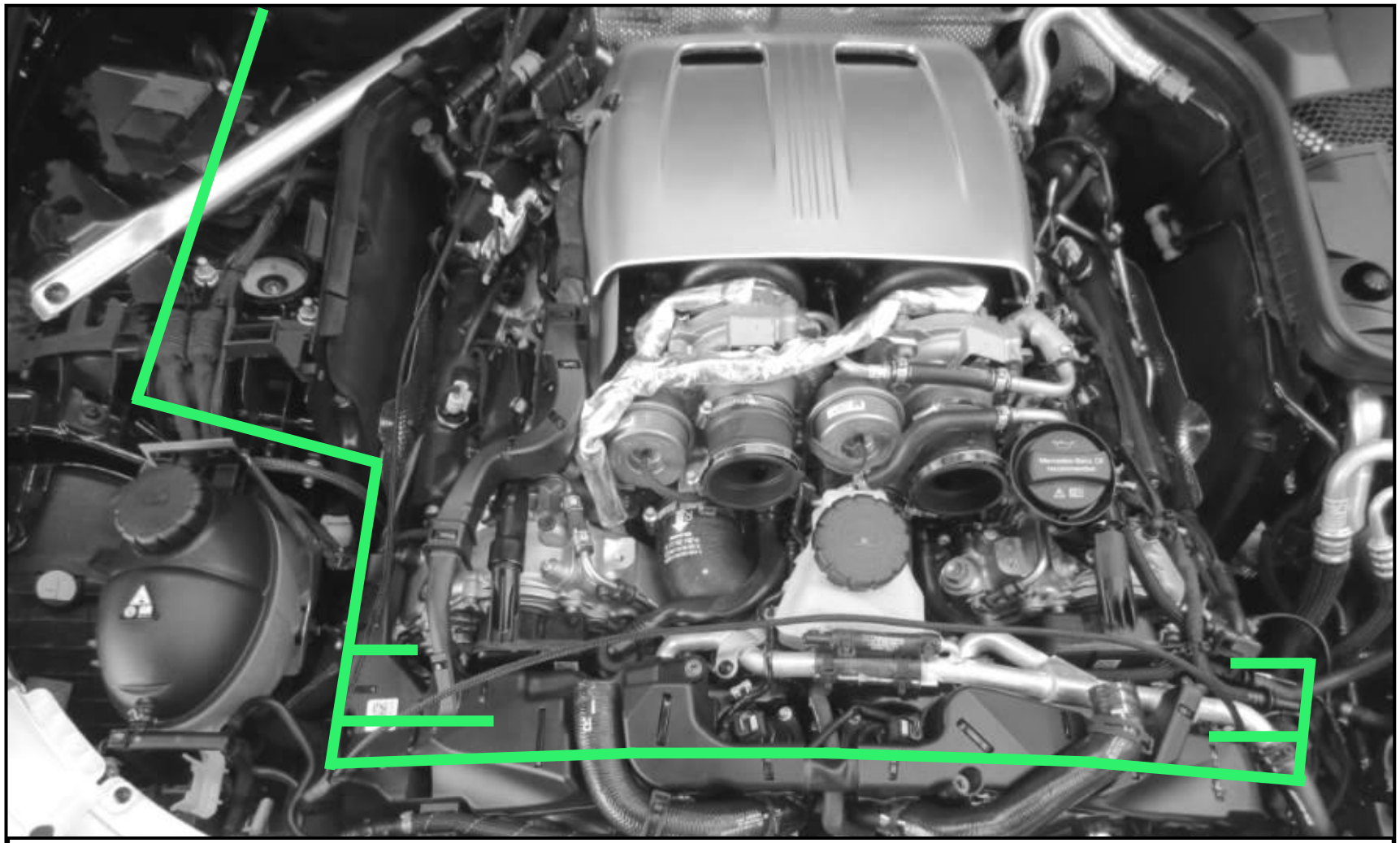
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Route the wiring harness according to illustration below and attach to standard engine wirings using cable ties. Attach plugs of Brabus wiring harness to sensors and standard sensor plugs to sockets of Brabus wiring harness.

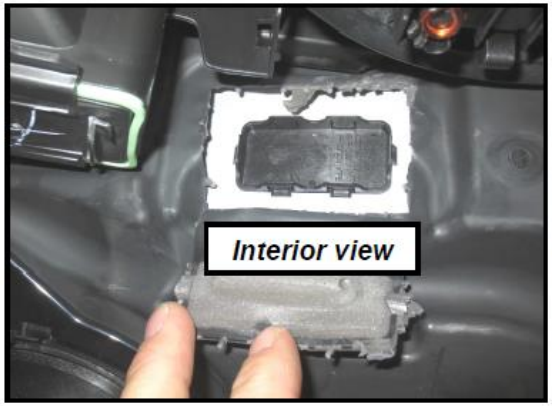
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Attention:

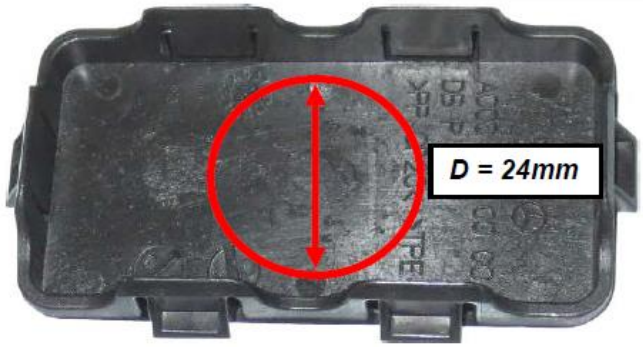
The wiring harness is routed from the engine bay into the vehicle, through plastic cover shown below.
Remove the plastic cover and drill a hole into it using a suitable cone drill (centered, diameter 24mm).
Route the interior connectors through the plastic cover and through the bulkhead into the vehicle, attach the rubber implementation to the plastic cover. Measure the wiring length required within the engine bay and fixate the implementation using a cable tie.
Take care for sufficient denseness of the implementation!

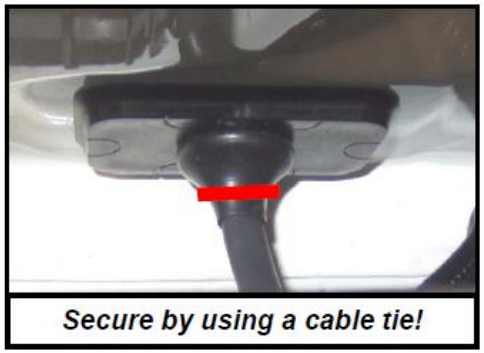


Remove plastic cover (on passenger side, behind car main battery)







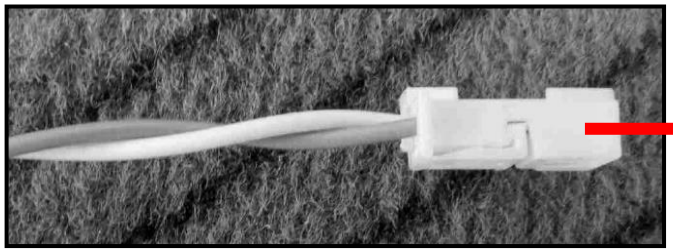


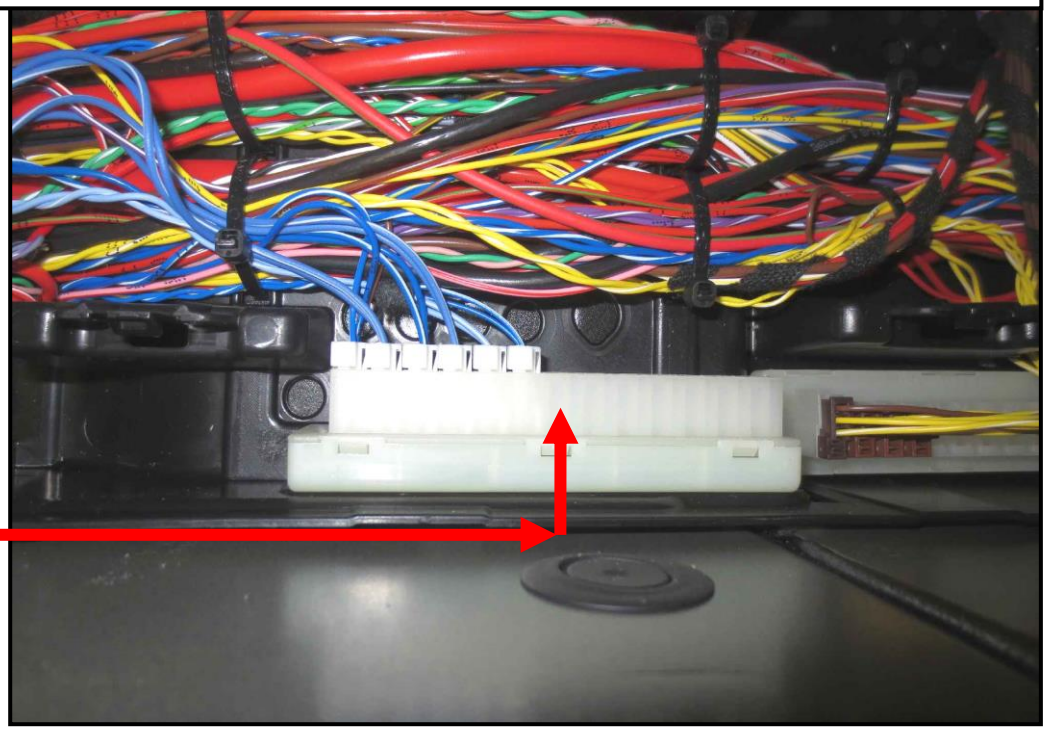
Secure by using a cable tie!

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Attach the plug of the wiring harness to a free port of the CAN distributor (below cover of cable duct right within footwell). If all ports are already used solder the CAN wires to the wires out of one of the plugs. The plug with wire colors grey/ grey-black is not used <u>not</u> used!

Color allocation: White to blue-white, blue to blue.

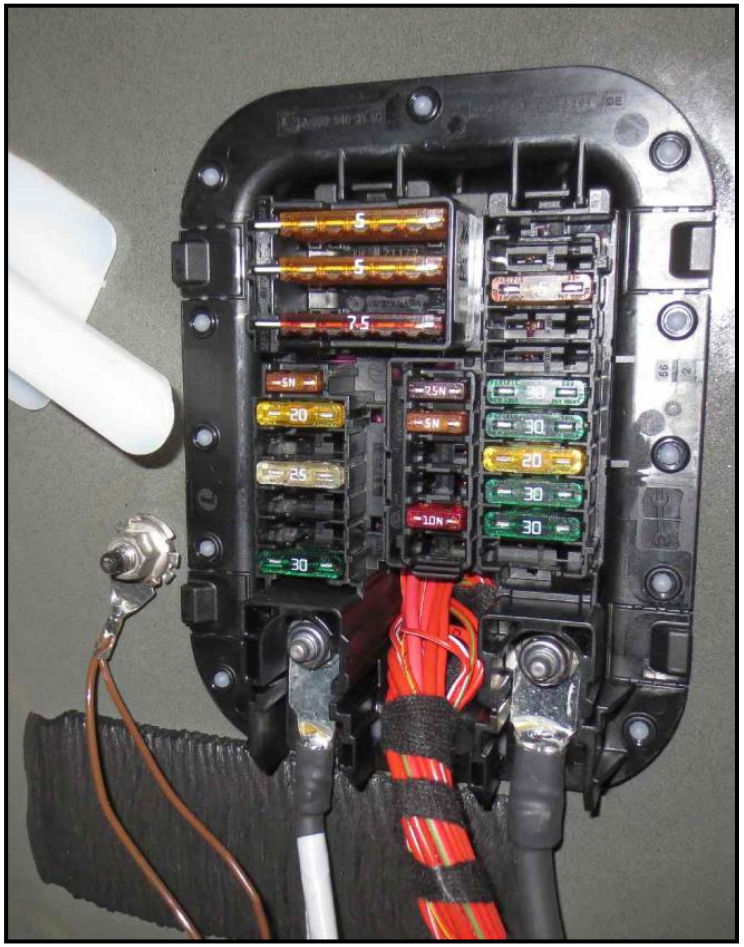


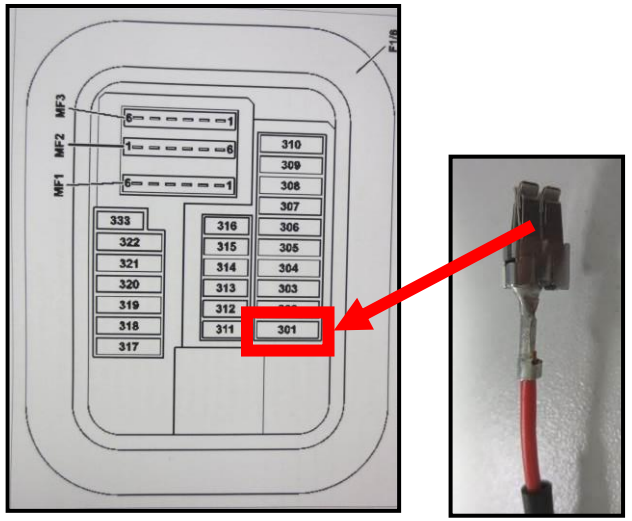


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Disconnect power supply wire at terminal shown and release the fuse port on the right side within footwell. Attach power supply wire of Brabus harness to slot 301 (fig.). Attach 5Amp fuse to fuse port.

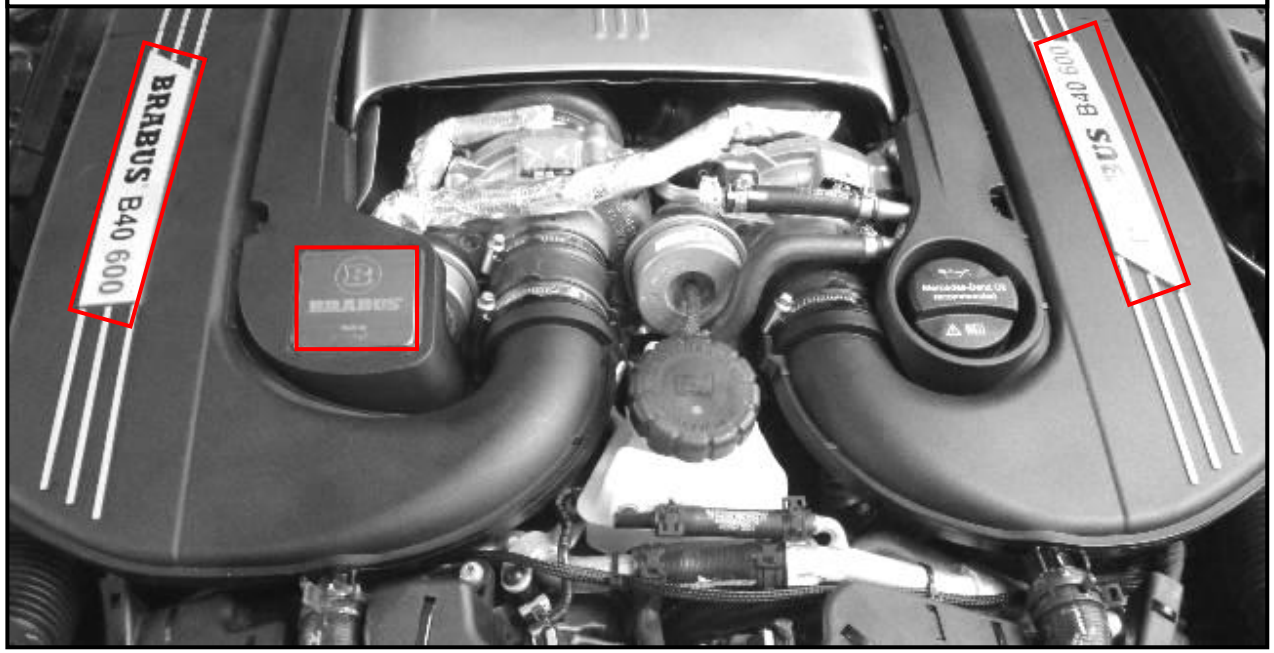






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Remove AMG-badge and adhesive residues. Clean and degrease bonding areas of the engine plastic cover. Bond the Brabus badge and the Brabus typings to the engine plastic cover using adhesive supplied. Fixate the parts using appropriate adhesive tape until the adhesive is finally hardened.



Re-assemble air filters and plastic trims, check wiring harness for proper routing. Check fault store of control unit ME and delete faults which may have occured during installation. Start the 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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