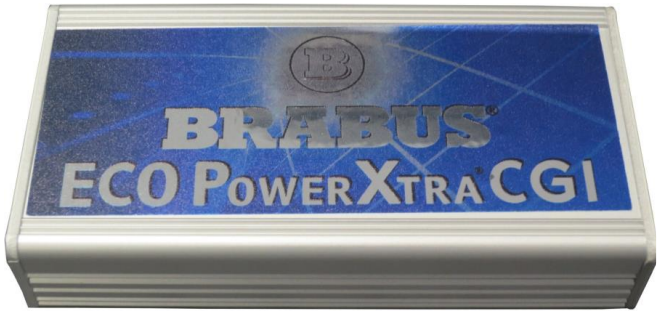
B30.4-performance kit for W/ S 205 - C300 CGI, MY 2019
205-B30.4-00

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 make 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	UBS150
1x Wiring harness	205-B30.4-05-K
1x „Brabus“ typing	211-000-14
1x Set of typings „powered by“	000-000-30
1x TUV type approval	

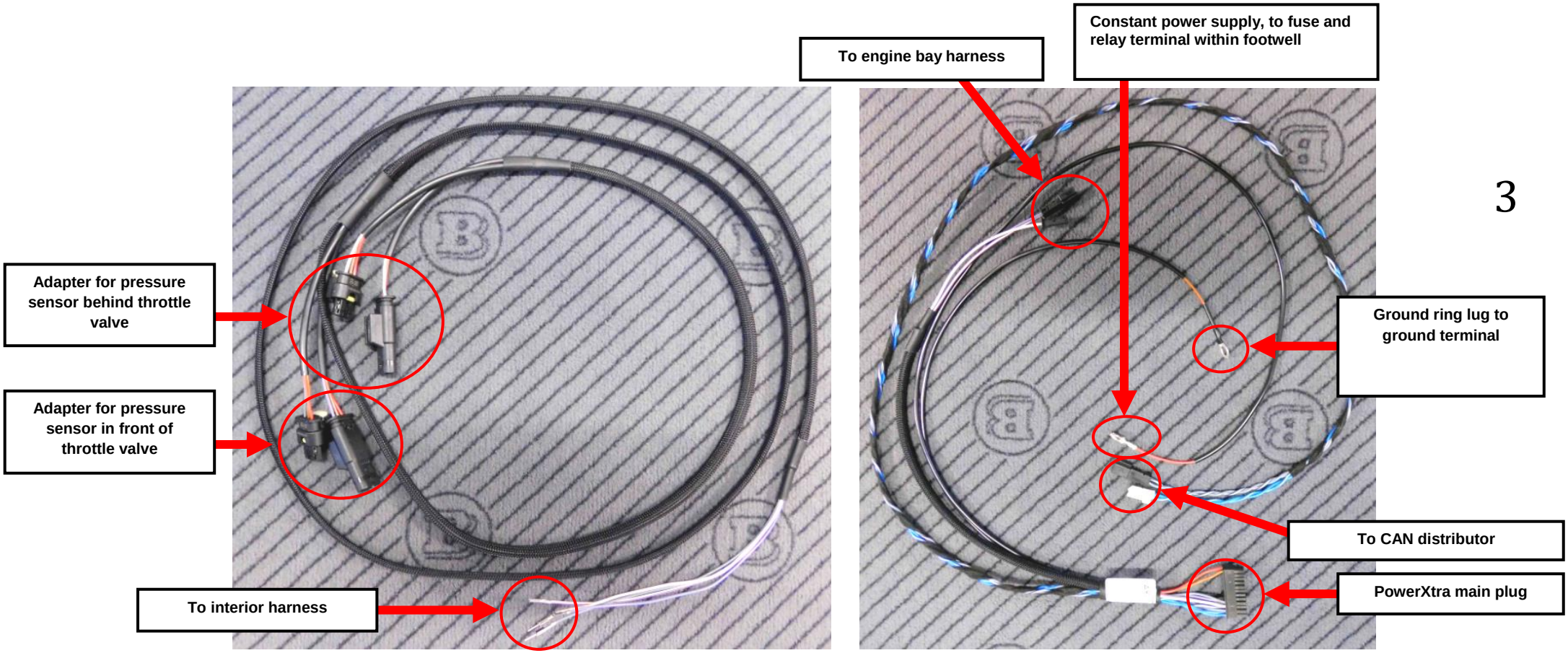


Engine bay wiring harness

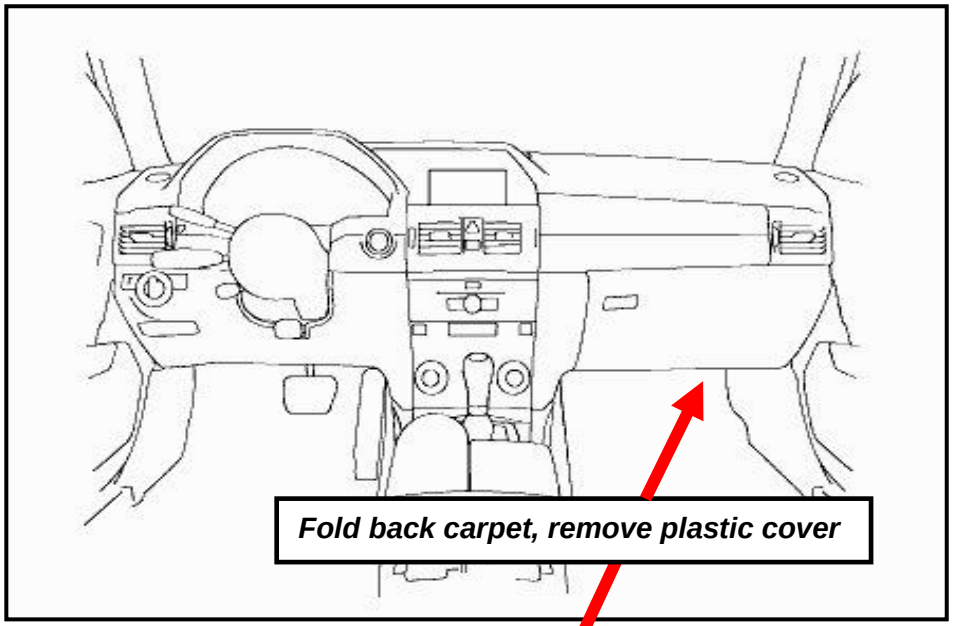
Interior wiring harness

Overview of connections to be established:

1- PowerXtra-main plug
2- Power supply (red wire to power terminal within passenger footwell)
3- CAN-connector
4- Adapters for pressure sensor in front of throttle valve (B28/26)
5- Adapters for pressure sensor behind throttle valve (B28/27)
6- Ground wire, to ground terminal within footwell

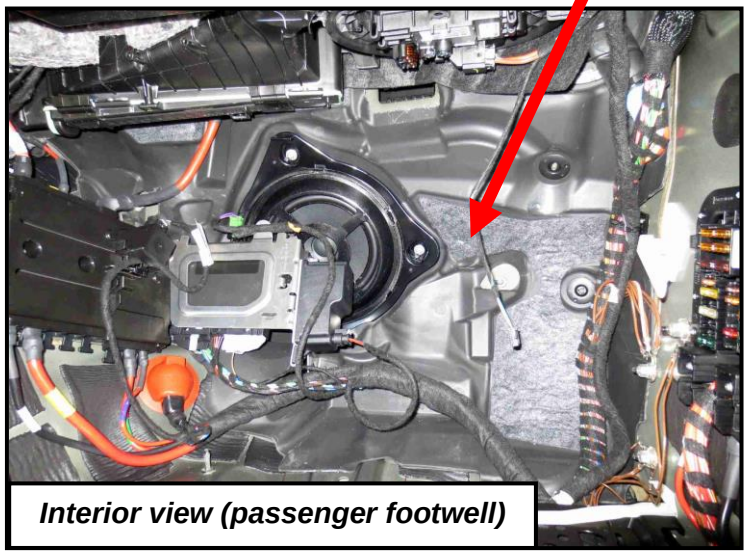


Remove trim parts and AC air filter



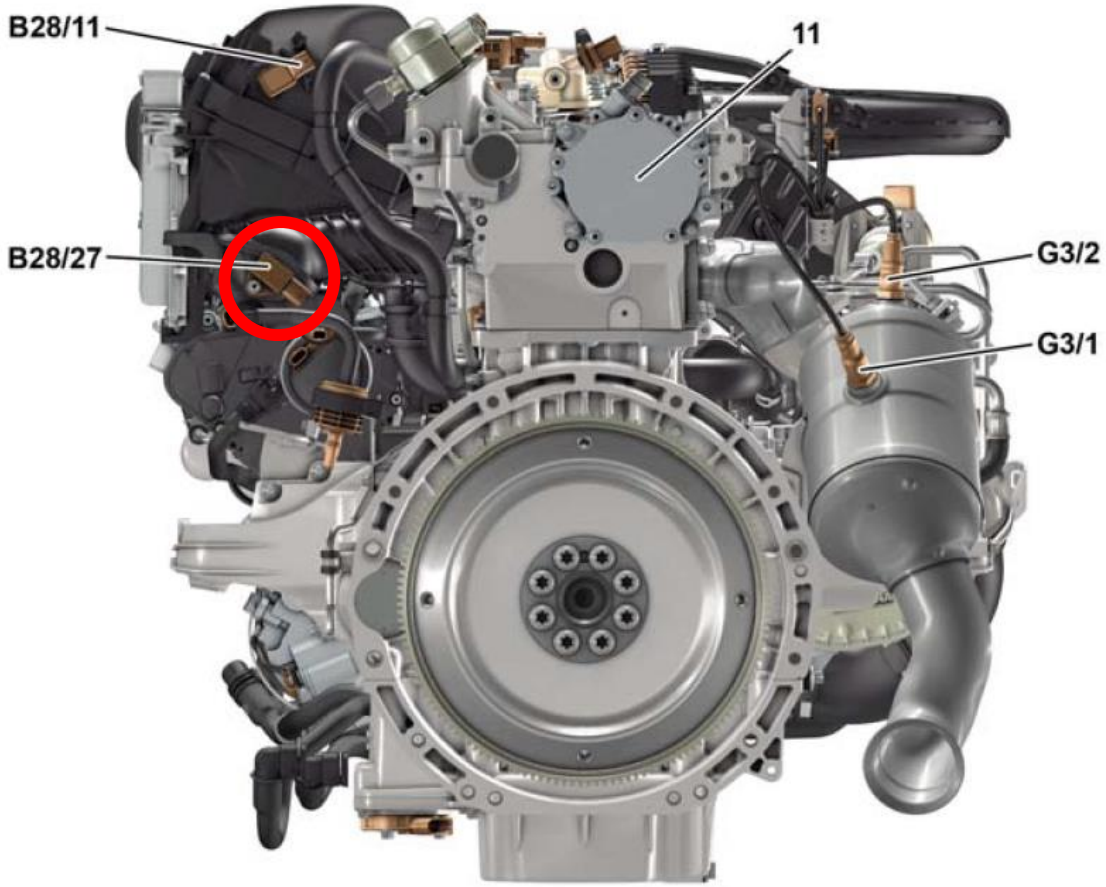
Fold back carpet, remove plastic cover

Attention: **Disconnect vehicle main battery prior to performing the electrical connections!**

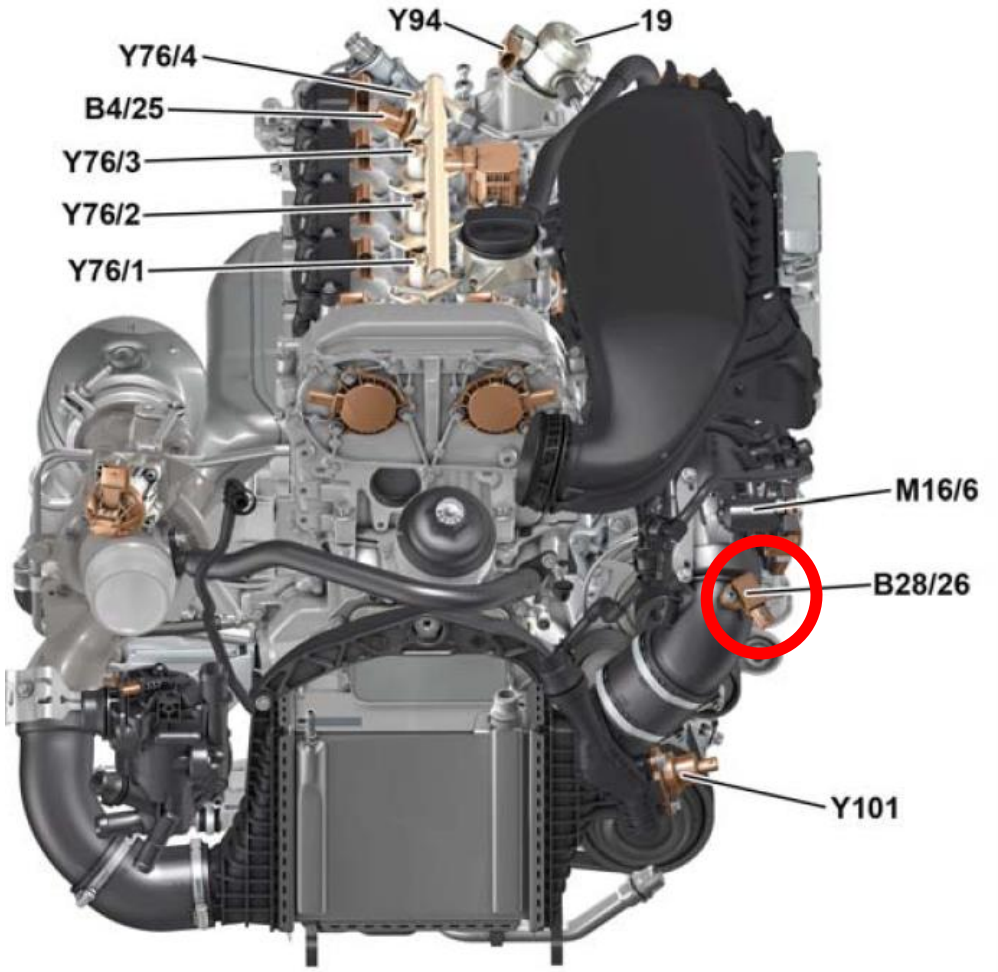


Interior view (passenger footwell)

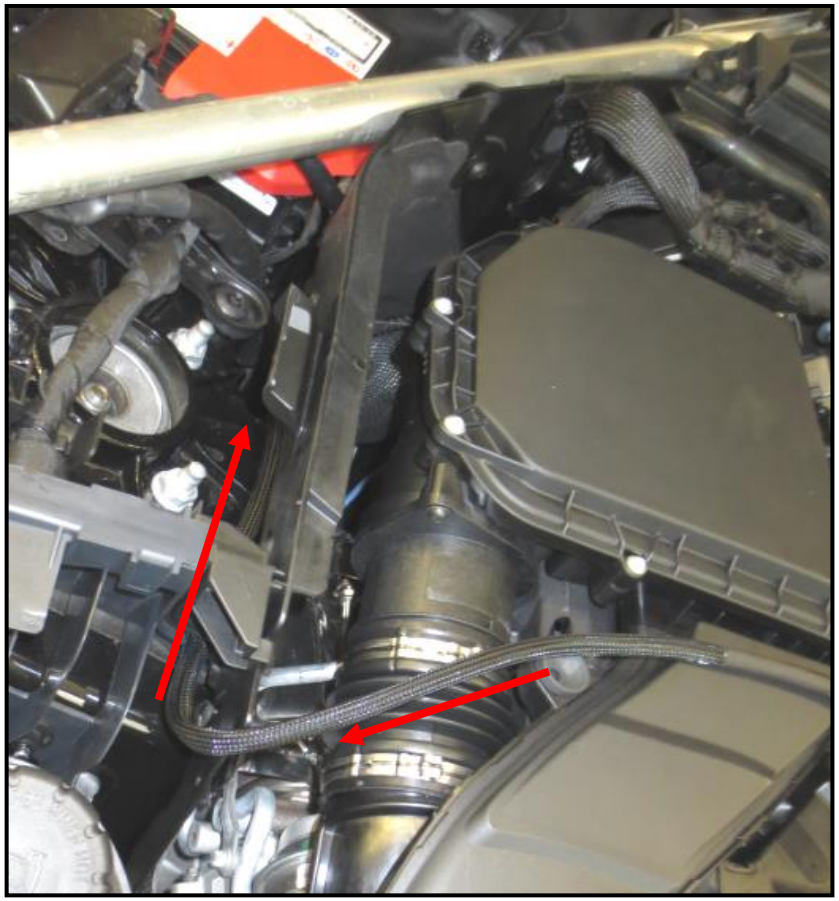
Connect the plug of the pressure sensor behind throttle valve (B28/27)to the Brabus wiring harness, attach the plug of the Brabus wiring harness to the pressure sensor behind throttle valve (B28/27).
Secure connectors by using cable ties.
Route the wiring harness to pressure sensor in front of throttle valve (B28/26).

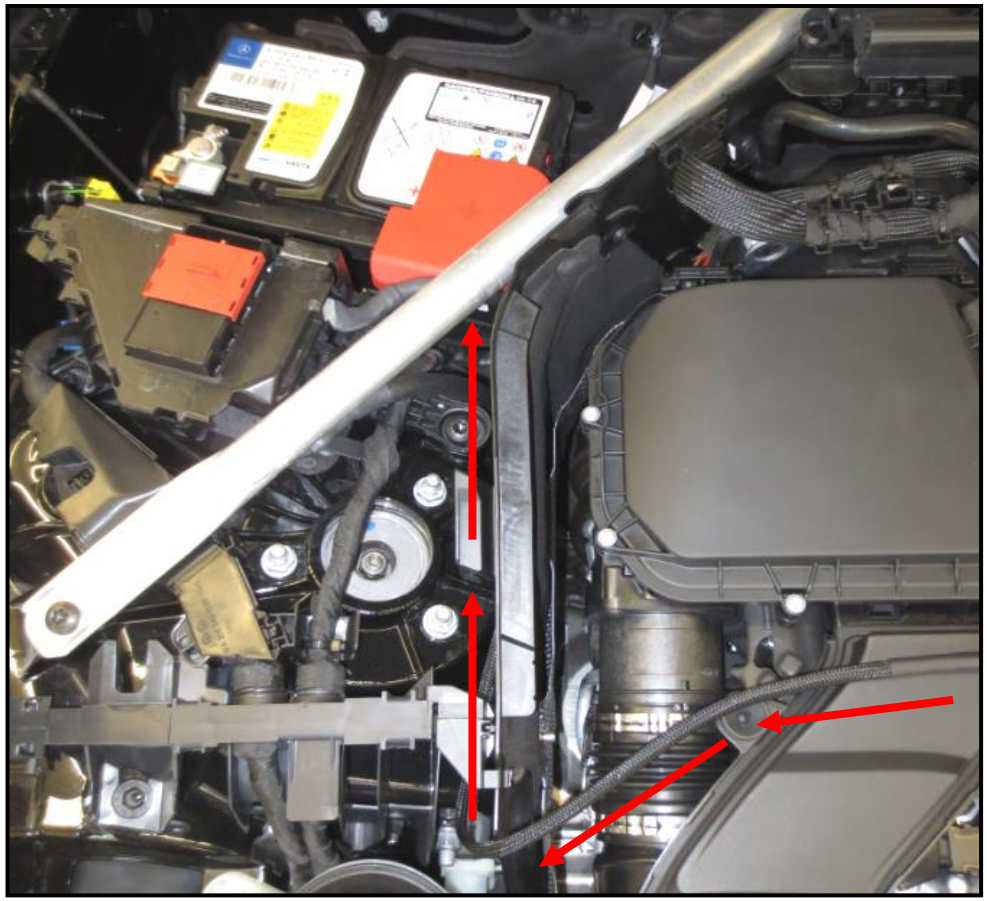


Connect the plug of the pressure sensor in front of the throttle valve (B28/26) to the Brabus wiring harness, attach the plug of the Brabus wiring harness to the pressure sensor in front of the throttle valve (B28/26). Secure the connectors by using cable ties.



Route the wiring harness to the vehicle battery.

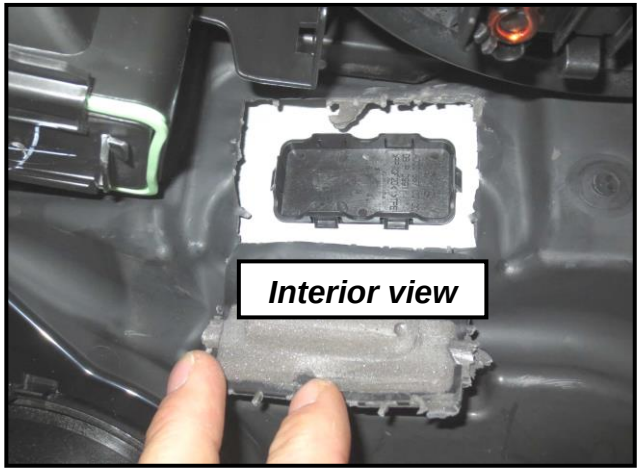


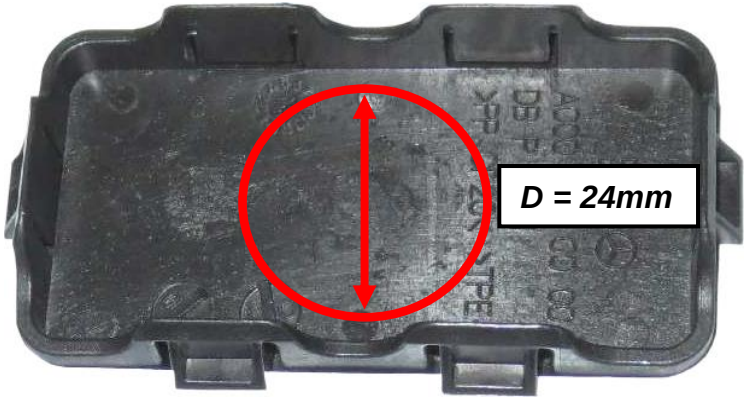


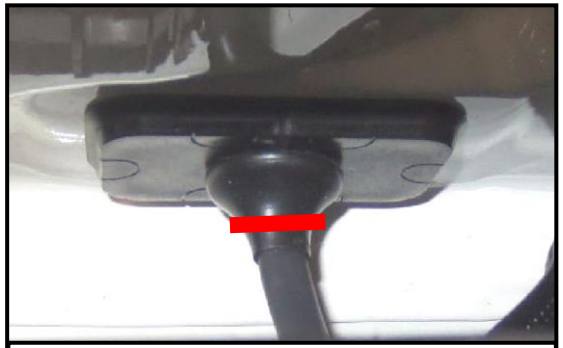
Attention:

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.
Make sure for sufficient denseness of the implementation! Connect the interior wiring harness to the engine bay wiring harness.

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



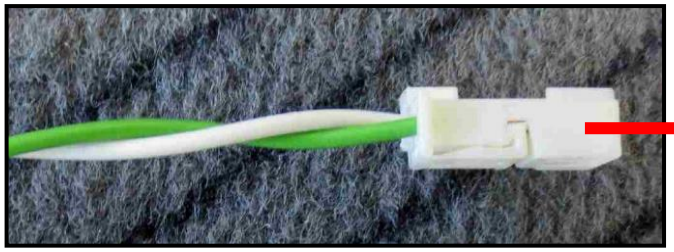


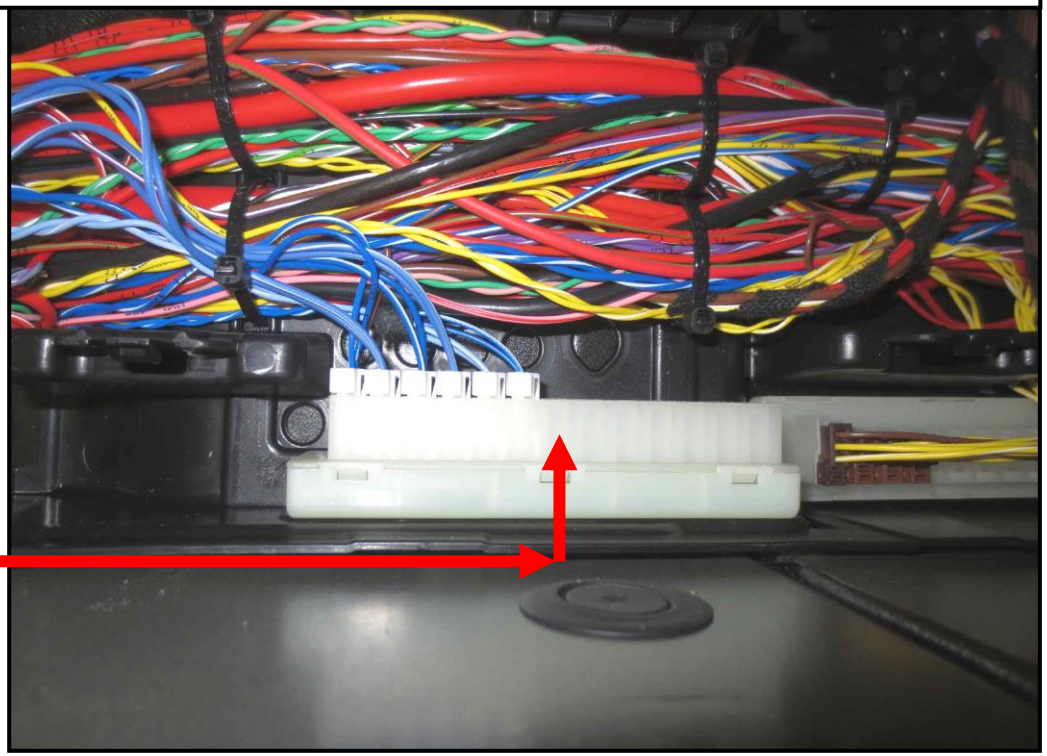


Secure by using a cable tie!

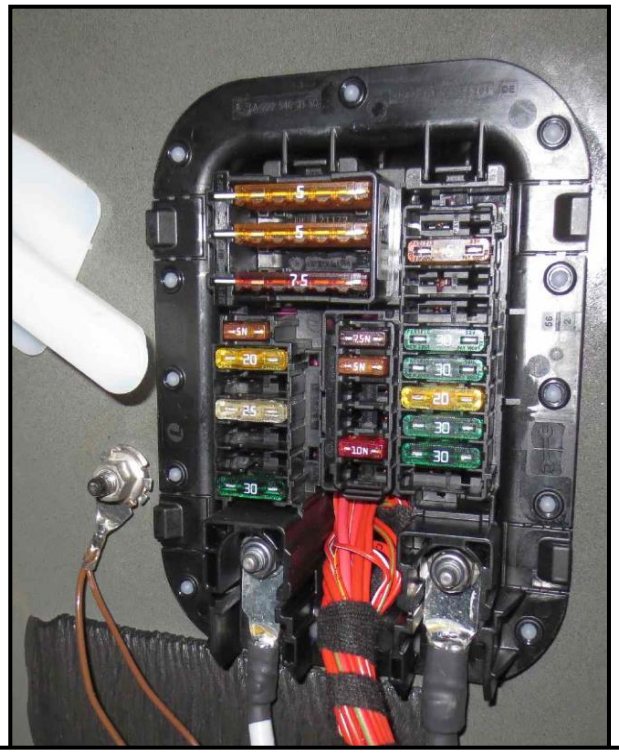
Attach CAN plug of Brabus wiring harness to free port of CAN distributor shown. In case that all parts are used solder the wires color-equal to the wires out of one standard plug. Carefully isolate the soldered areas.

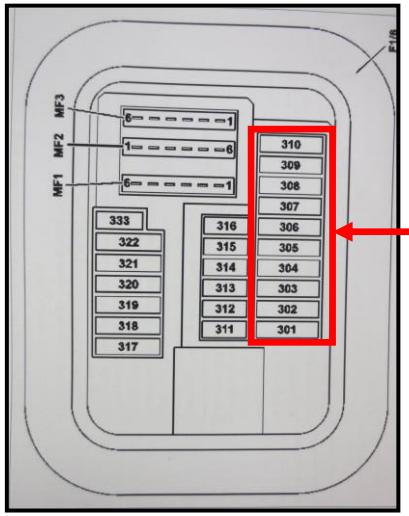
Allocation: wh to bu-wh, gn to bu

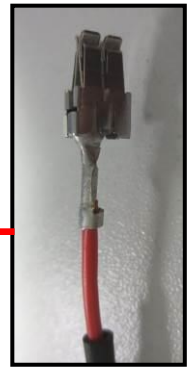




Disconnect power supply wire at terminal shown and release the fuse port on the right side within footwell. Attach power supply wire of Brabus harness to a free slot of power distributor marked. Attach 5Amp fuse to fuse port. Bolt ground ring lug to ground terminal within footwell.







Connect the main plug of the Brabus wiring harness to the control unit and fixate the control unit using velcro tape supplied.

Re-attach all removed cover parts and make sure all electrical connections were securely made, all wires were securely routed and are protected against damages.
Check the fault store and delete faults which may have occurred during installation. Perform a test-drive.