

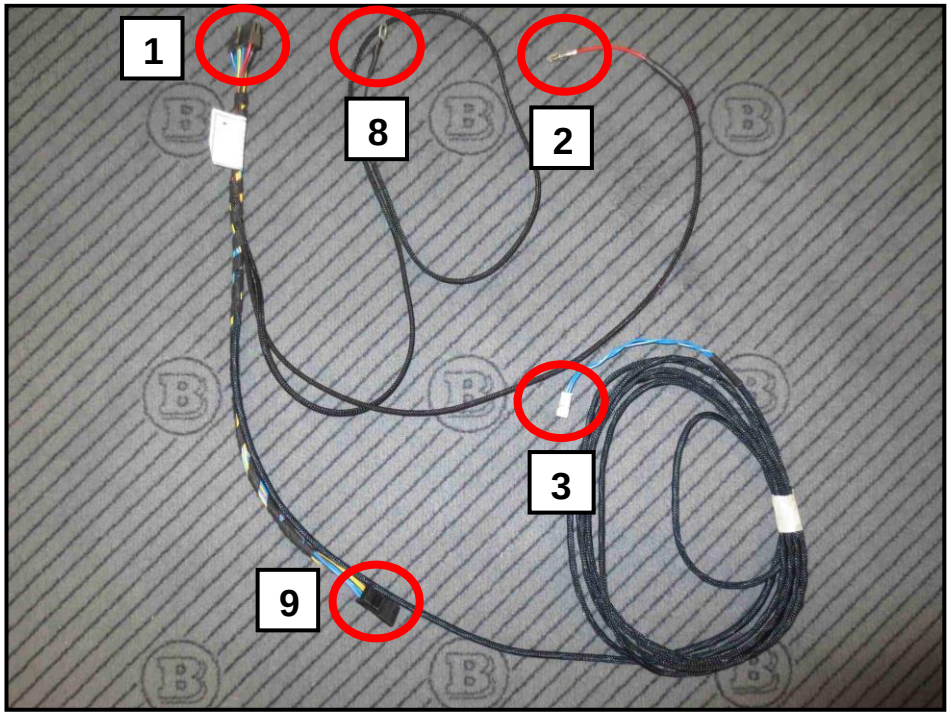
The product described in the instructions was developed, produced and checked considering the necessary safety requirements.
In order to ensure a proper and safe function and to rule out danger for persons and objects, this product must be installed appropriately.
Only trained, qualified staff, having 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.
Perform the assembly/ disassembly of standard Mercedes-Benz components according to Mercedes-Benz workshop information.
Brabus does not cover damages which occur due to improper installation, damaged contacts or inadequate isolation.

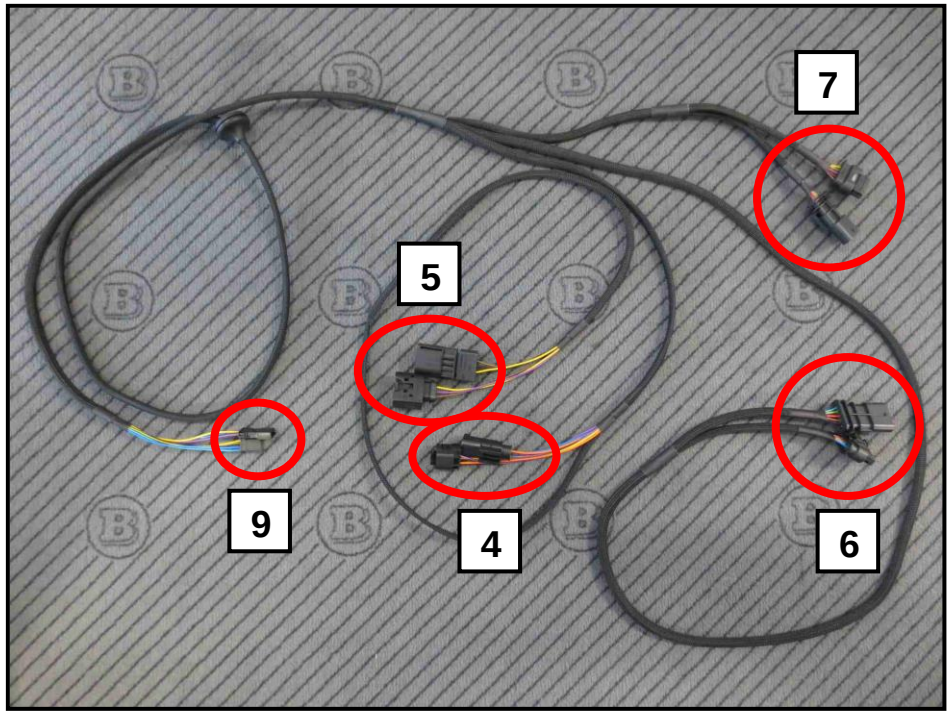
Included in delivery BRABUS:

1x PowerXtra control unit	**UBZ172**
1x Wiring harness	**253-736-06**
1x Lettering „Brabus“	**211-000-14**
1x Set of powered by letterings	**000-000-30**

Connections to be established:

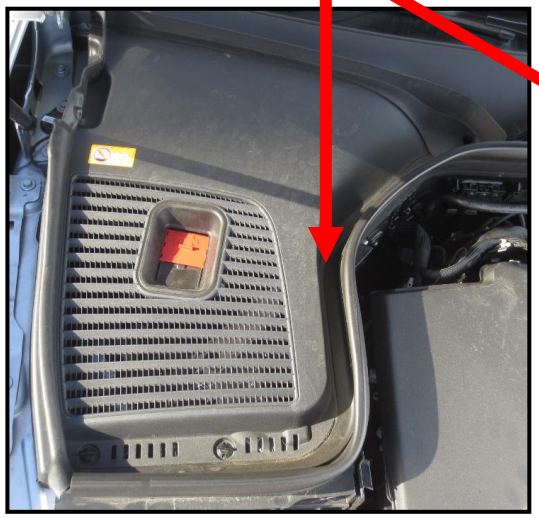
1- PowerXtra main plug
2- Power supply, to power supply terminal within passenger footwell (right a-pillar)
3- CAN-connector / To CAN distributor within passenger footwell
4- Charge pressure connectors
5- Rail pressure connectors
6- Air mass sensor connectors, left cylinder bank (left driving direction)
7- Air mass sensor connectors, right cylinder bank (right driving direction)
8- Ground connector, to ground terminal within passenger footwell
9- Connectors interior wiring loom to engine bay wiring loom

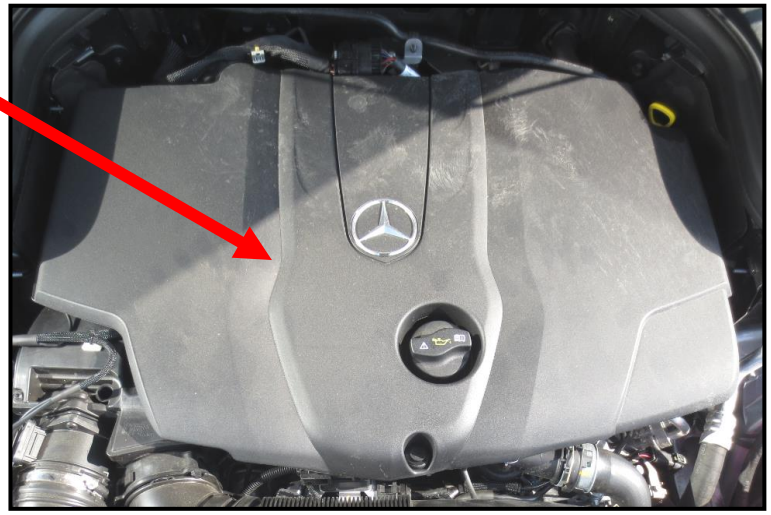




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Remove plastic trims within engine bay

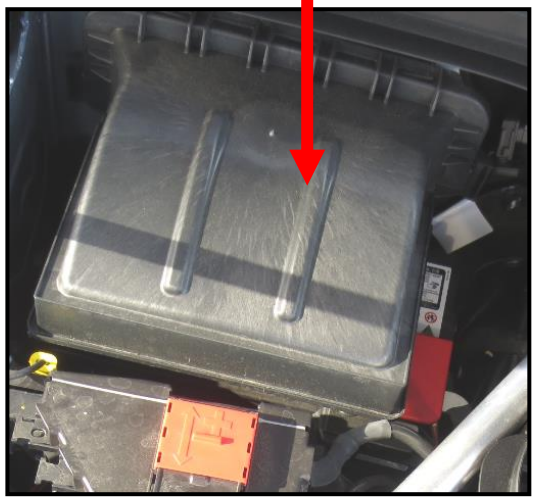




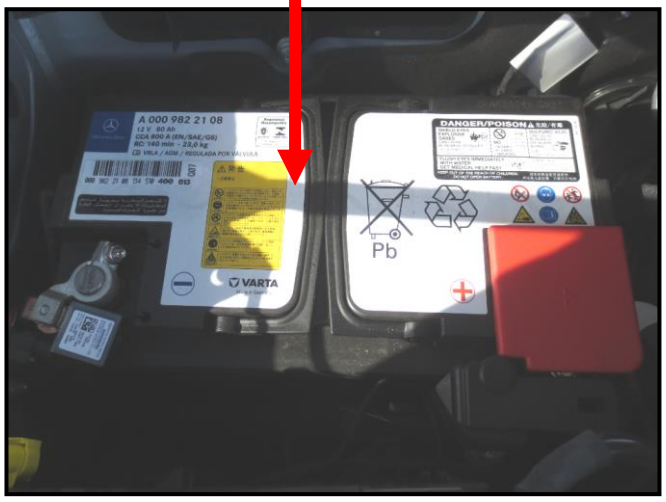
Attention:

Fixate the wiring harness inside the engine bay using cable ties. Make sure it is securely routed and cannot be damaged due to tensile stress, heat or sharp edges.

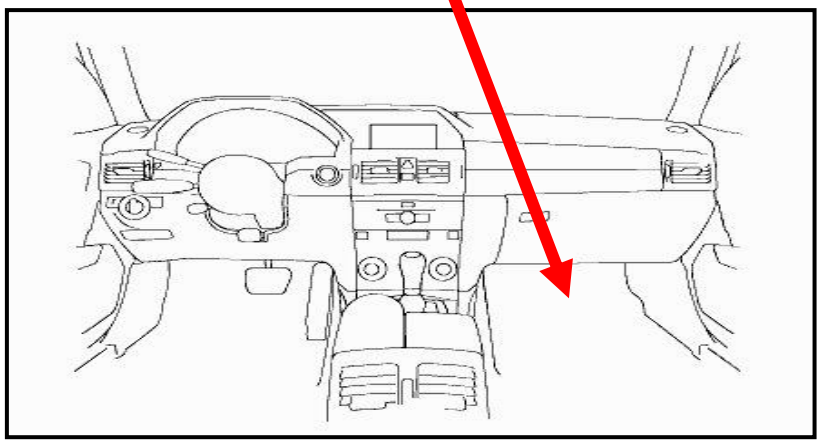
Remove interior air filter



Remove vehicle battery

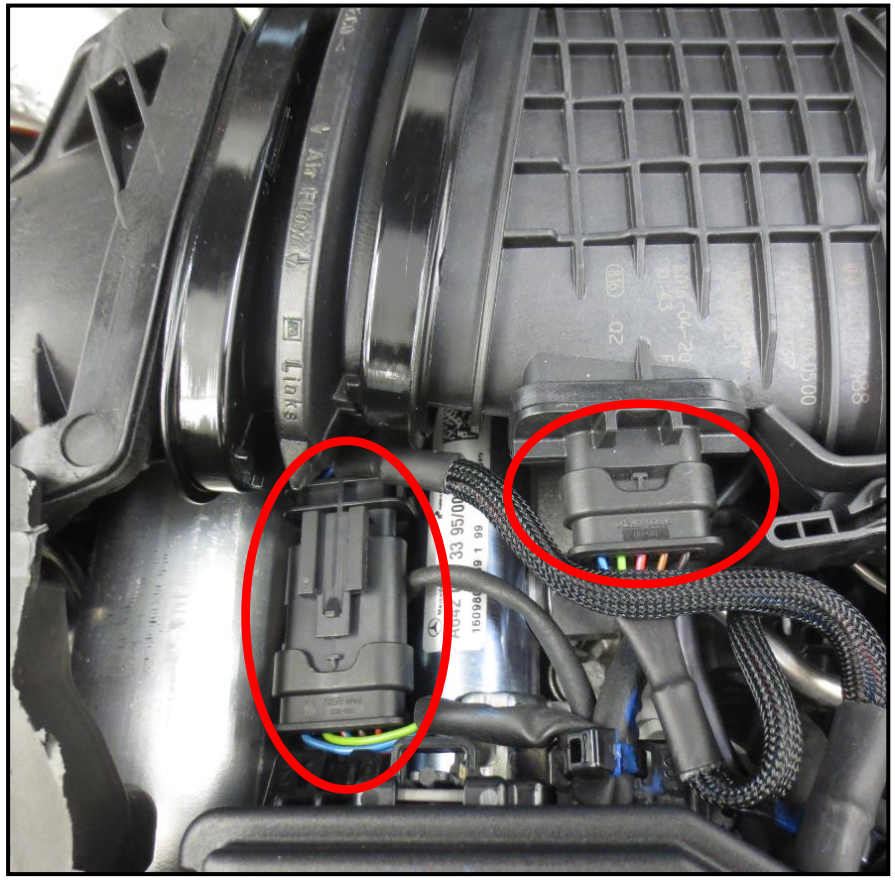


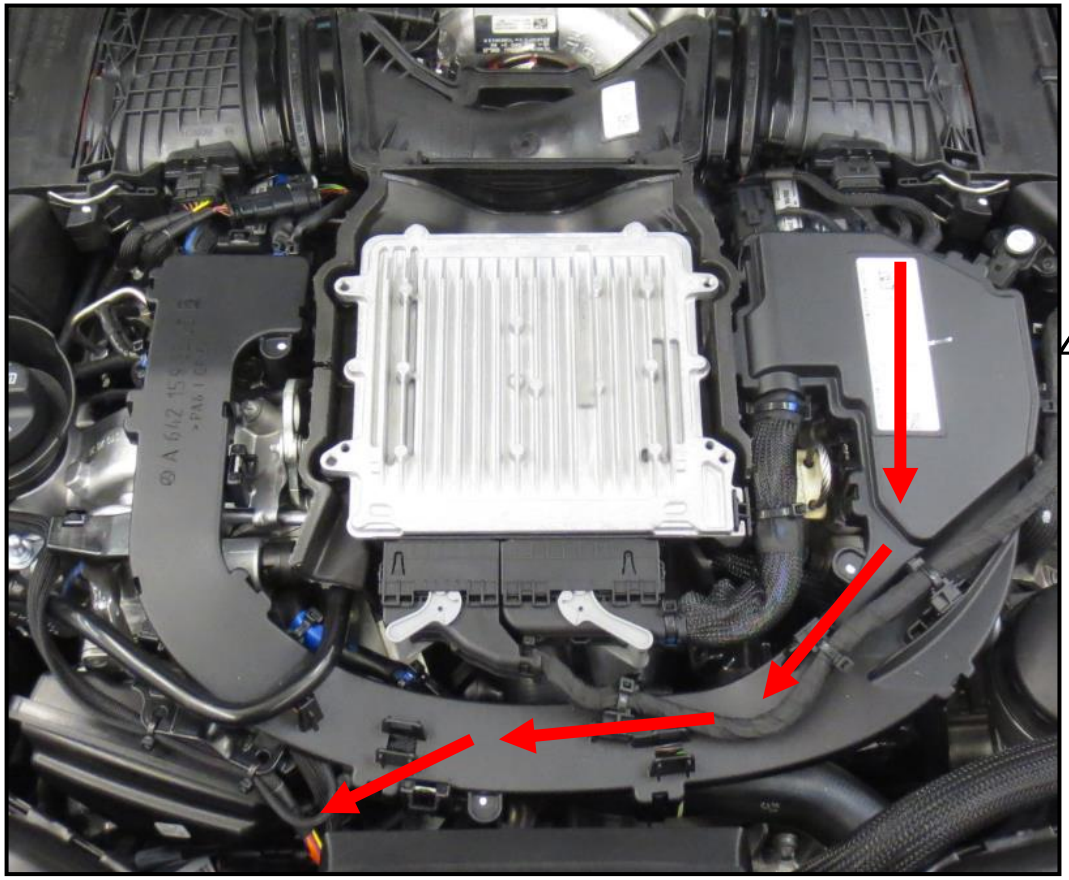
Fold back carpet and remove plastic trim to gain access to electrical components



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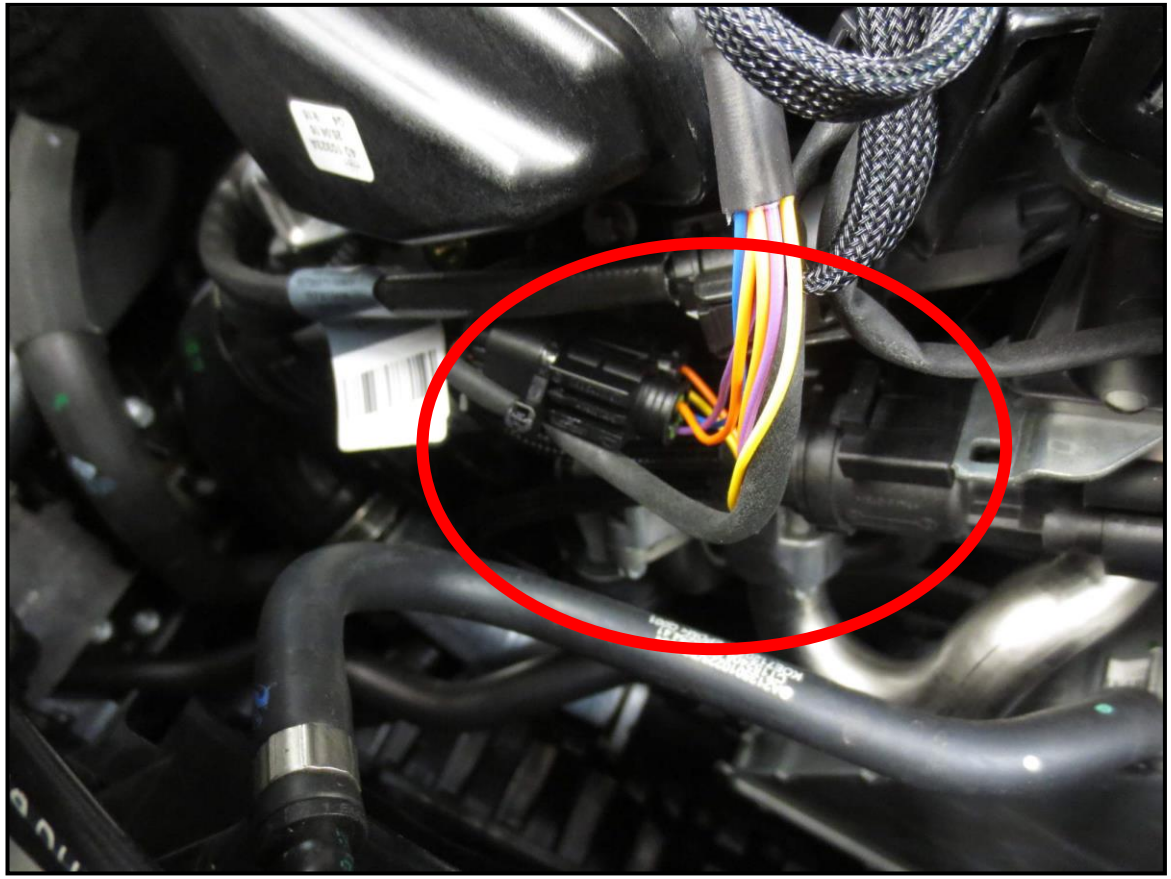
Disconnect standard plug of left air mass sensor and connect to Brabus socket, Connect Brabus plug to air mass sensor.
Route wiring loom to charge pressure sensor (through standard cable duct).

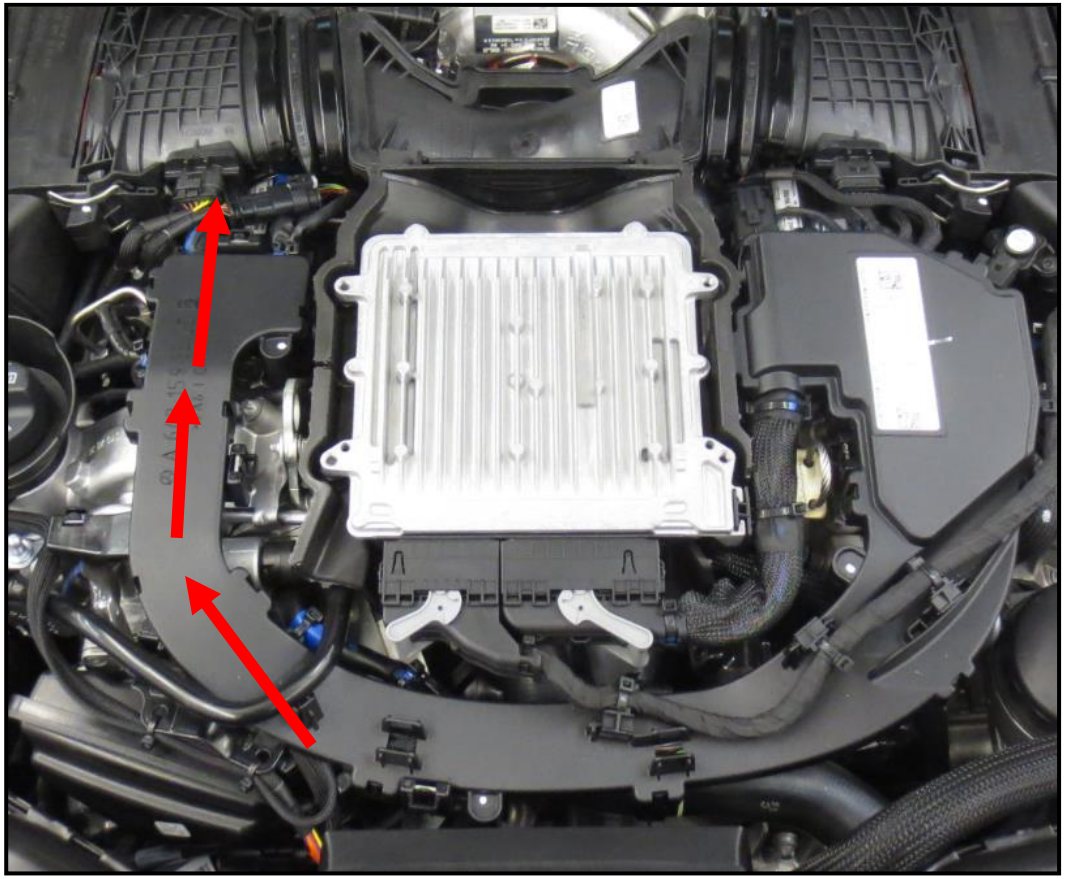




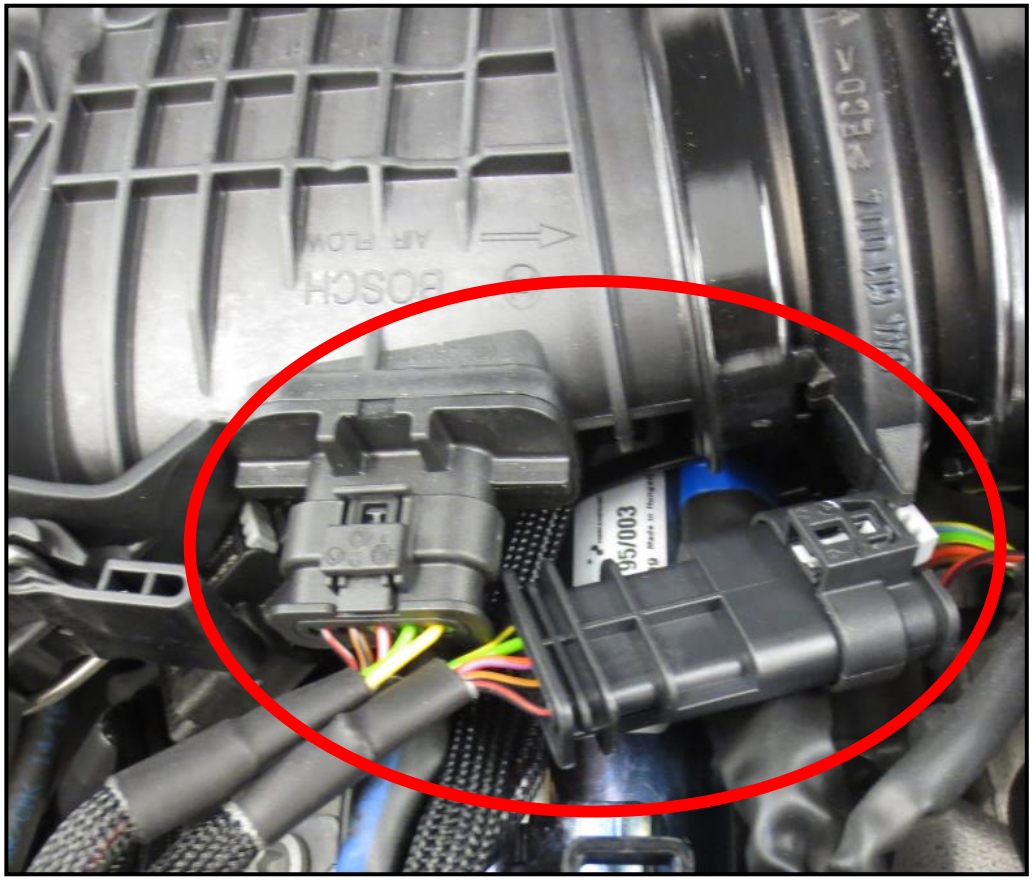
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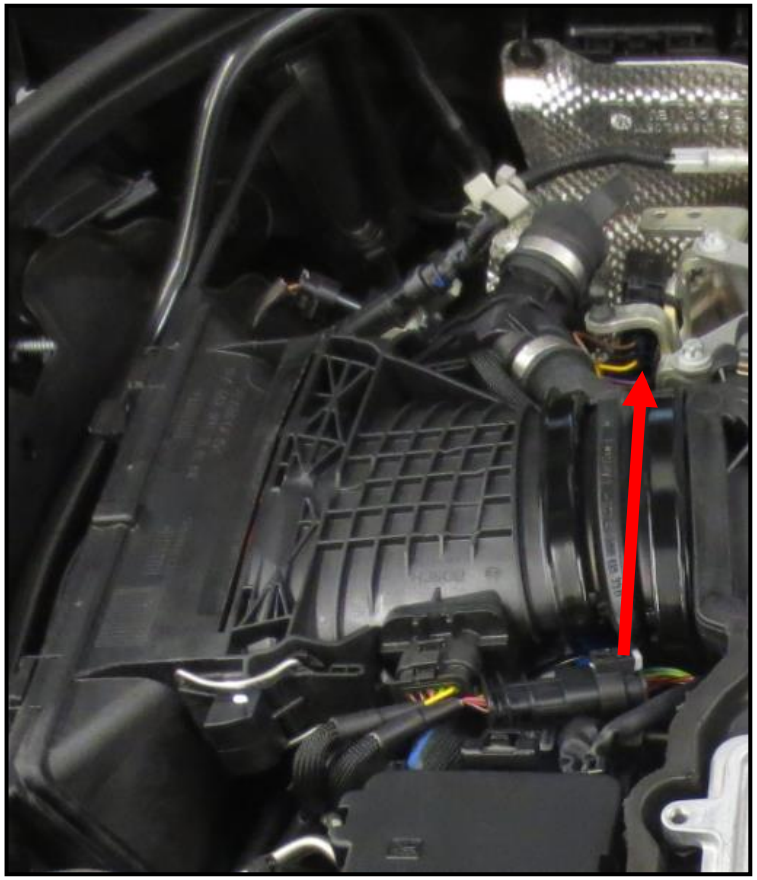
Disconnect standard plug of charge pressure sensor and connect to Brabus socket, Connect Brabus plug to charge pressure sensor.
Route wiring loom to right air mass sensor (through standard cable duct).





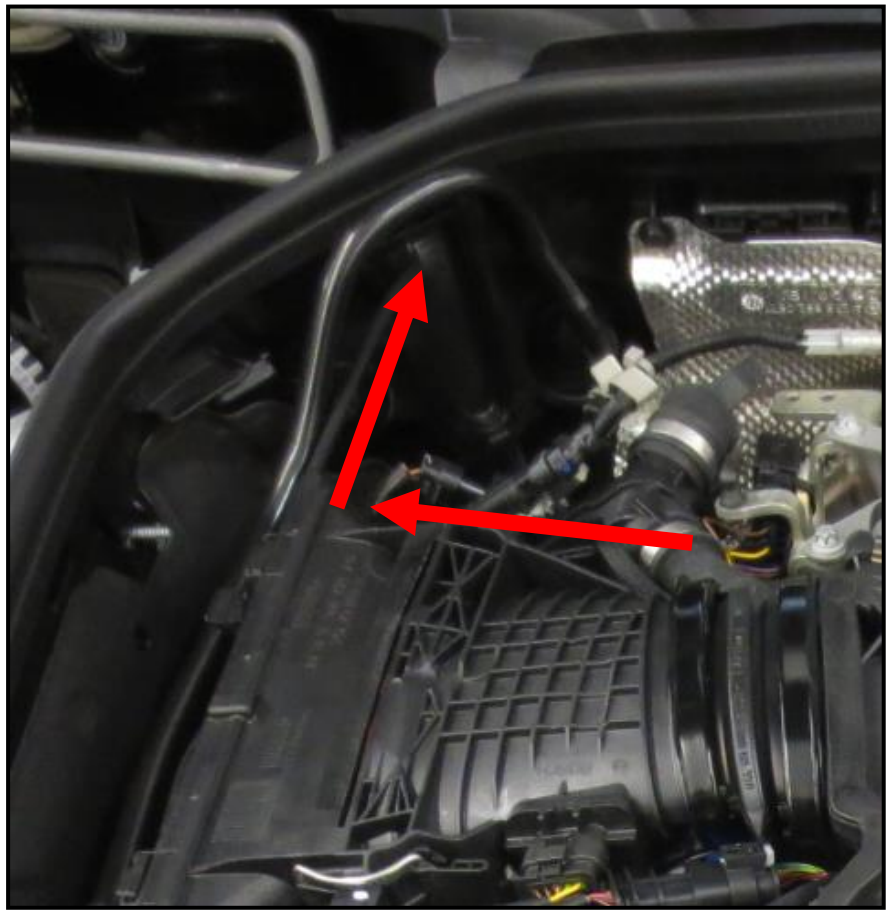
Disconnect standard plug of right air mass sensor and connect to Brabus socket, Connect Brabus plug to air mass sensor. Disassemble right air duct for being able to route Brabus wiring harness below.
Route Brabus wiring harness to rail-pressure sensor. Disconnect plug of rail pressure sensor and connect it to Brabus wiring harness, connect Brabus plug to rail pressure sensor.
Assemble right air duct, <u>make sure for proper seating of the rubber sealing!</u>

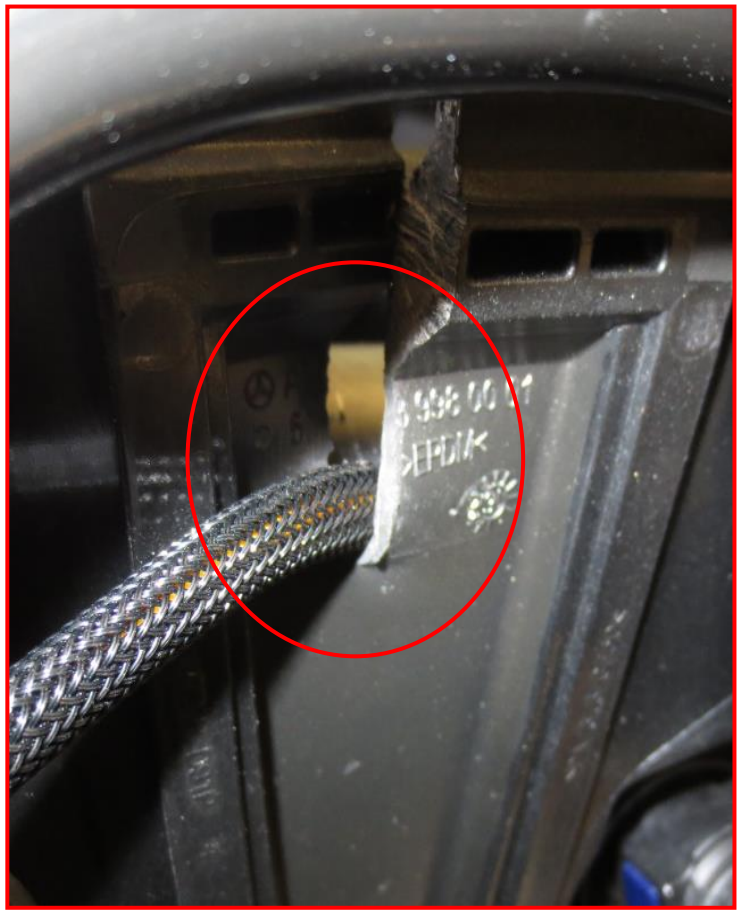




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Route wiring harness through engine bay interwall by cutting plastic grommet shown and routing it through the rubber area of the grommet according to images below. Fixate wiring harness using cable ties.

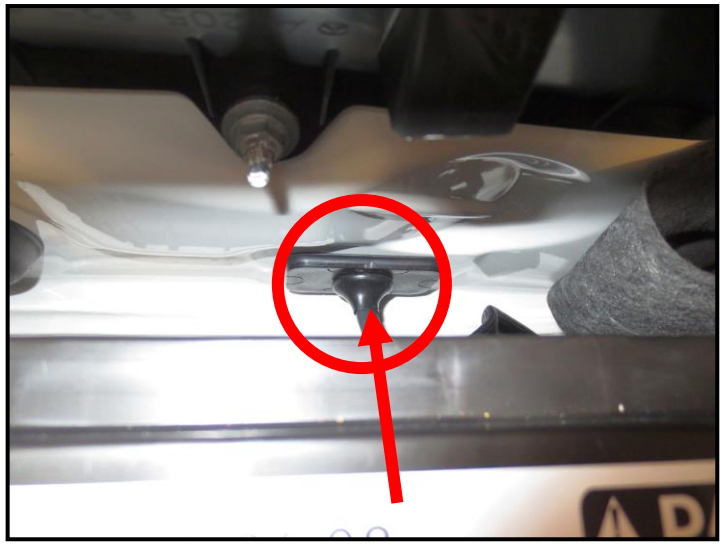




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Drill 25mm hole into grommet using a suitable drill (e.g. cone drill). Route wiring harness through the grommet and into the car. Re-attach the grommet.

<u>Carefully check for denseness, additionally seal with appropriate measures, if necessary.</u>



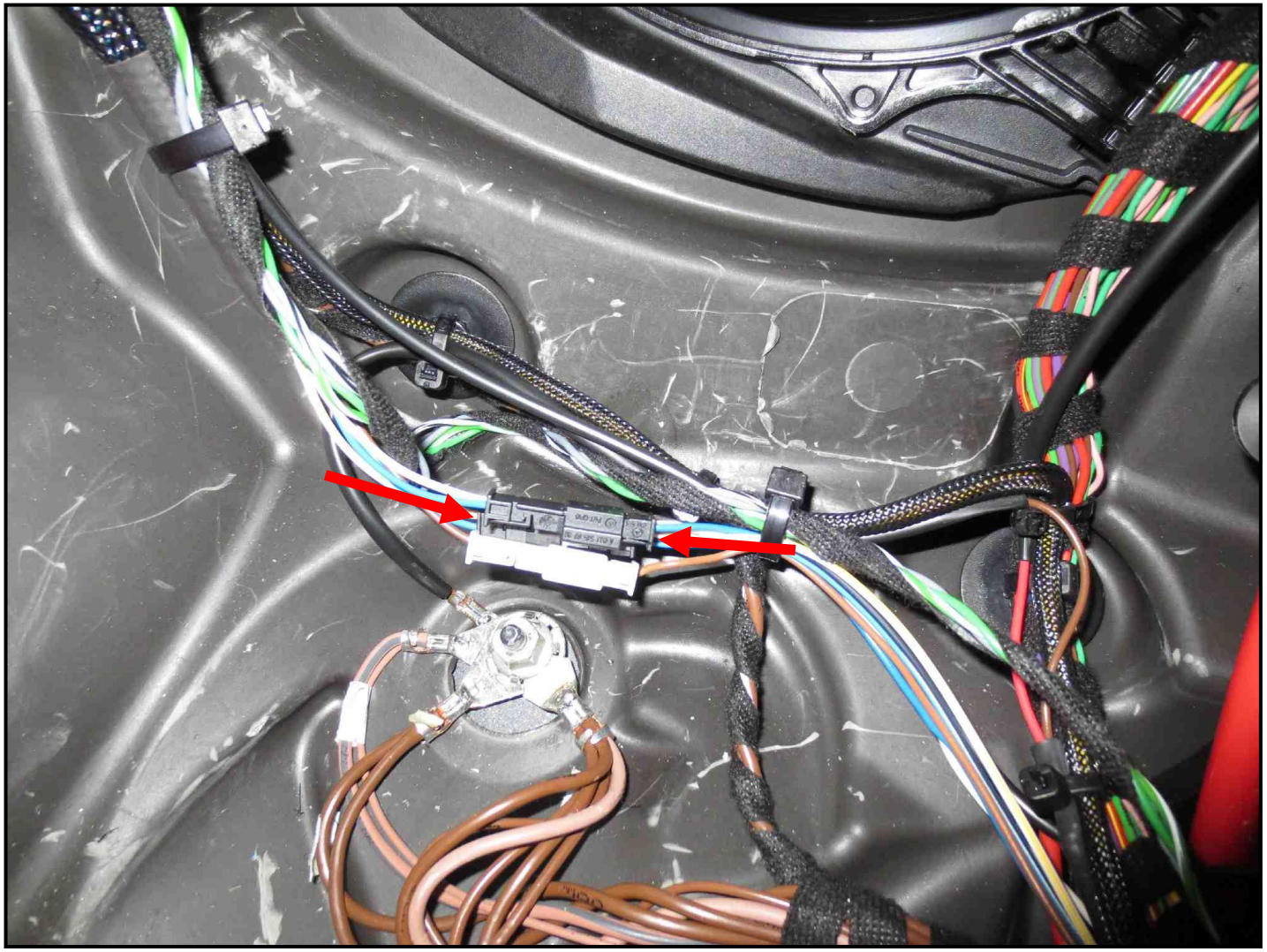




View from passenger footwell

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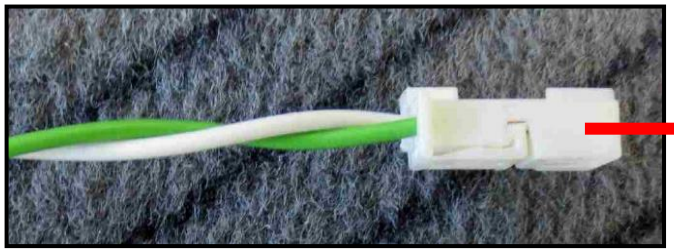
Connect engine bay wiring loom to interior wiring loom within passenger footwell.
Bolt ground ring lug to ground distributor within passenger footwell.

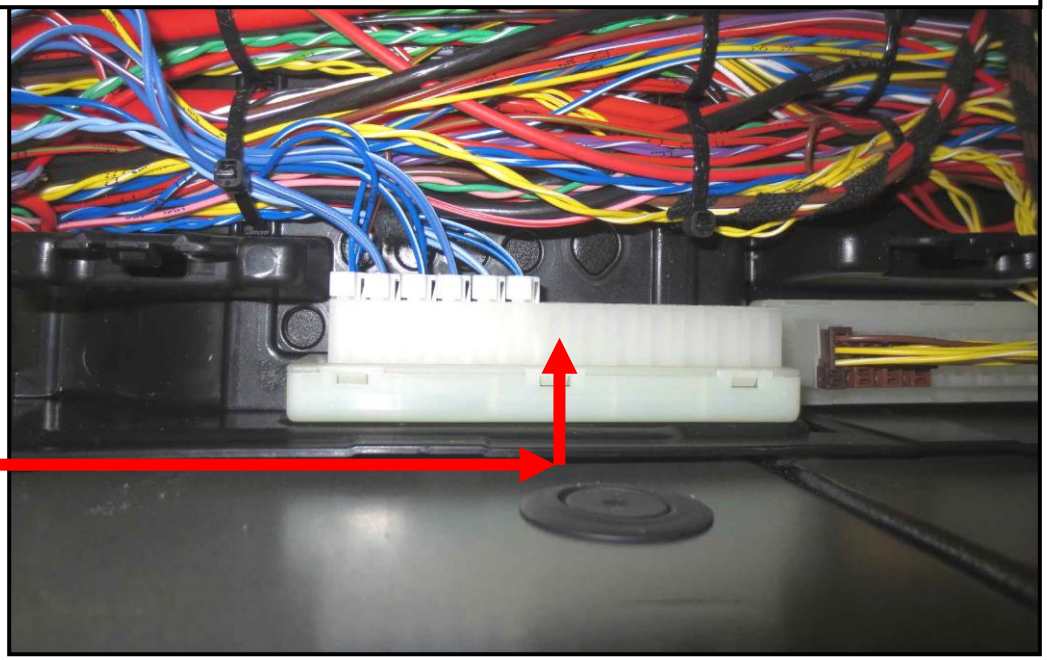


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Attach the CAN plug of the Brabus wiring harness to a free port of the CAN distributor shown. If due to the equipment of the car all slots are used already, solder parallel to one existing connector and isolate sufficiently.

Allocation: white to blue-white, blue to green.

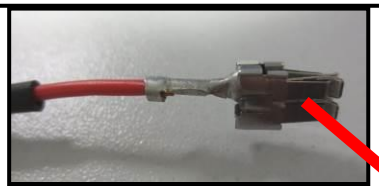




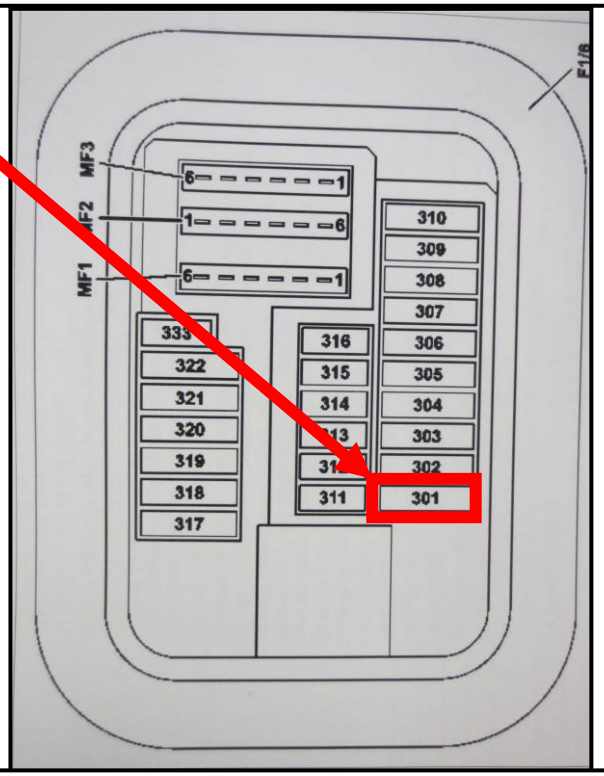
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Disconnect power supply wire at terminal shown and release the fuse port on the right side within footwell. Attach power supply wire of Brabus harness to slot 301 (fig.). Attach 5Amp fuse to fuse port.









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 the vehicle battery 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.

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