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.

Lieferumfang BRABUS:

1x PowerXtra control unit	000-CGI-02
1x Interior wiring harness	222-755-05-K
1x Engine bay wiring harness	278-755-05-K
1x CAN adapter	222-CAN-05-K
1x MQS-plug, 2-pole	2-1418639-1
1x Rubber grommet	
1x Heat shrink tube	
1x „Brabus“ typing	211-000-14
1x Set of typings „powered by“	000-000-30
1x TUV type approval	

222-755-05-K



278-755-05-K



000-CGI-02



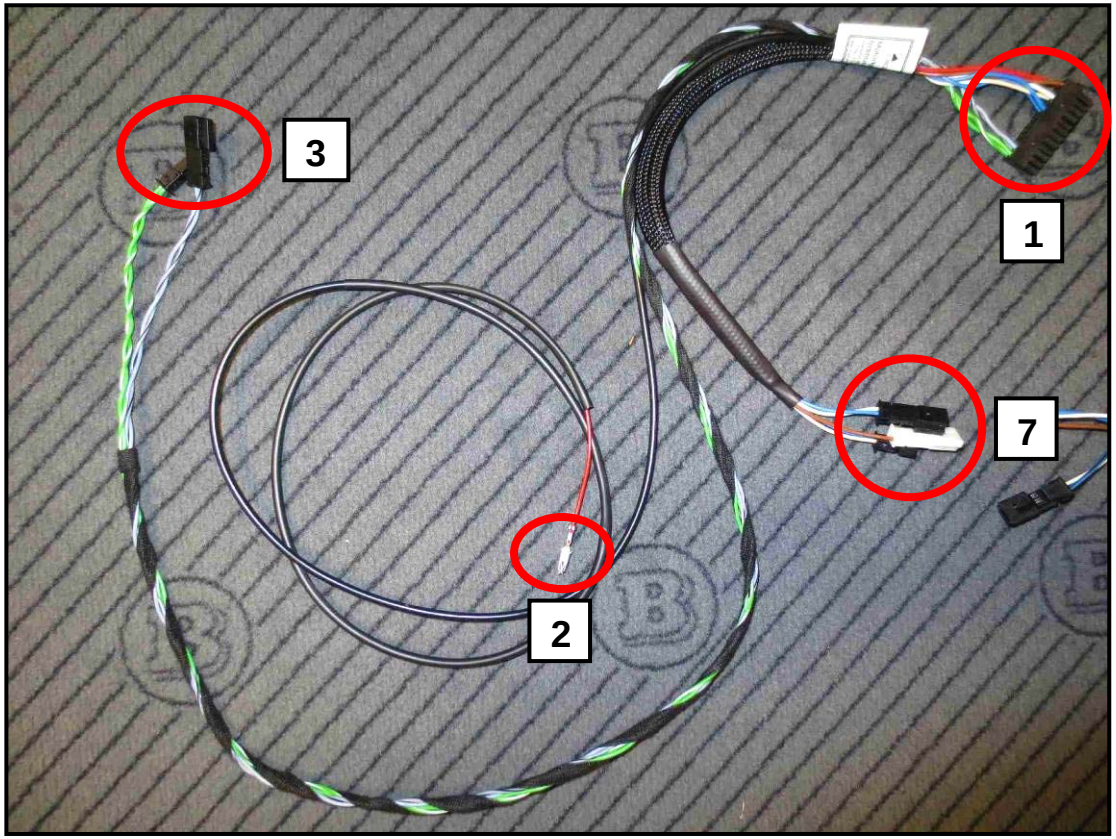
222-CAN-05-K

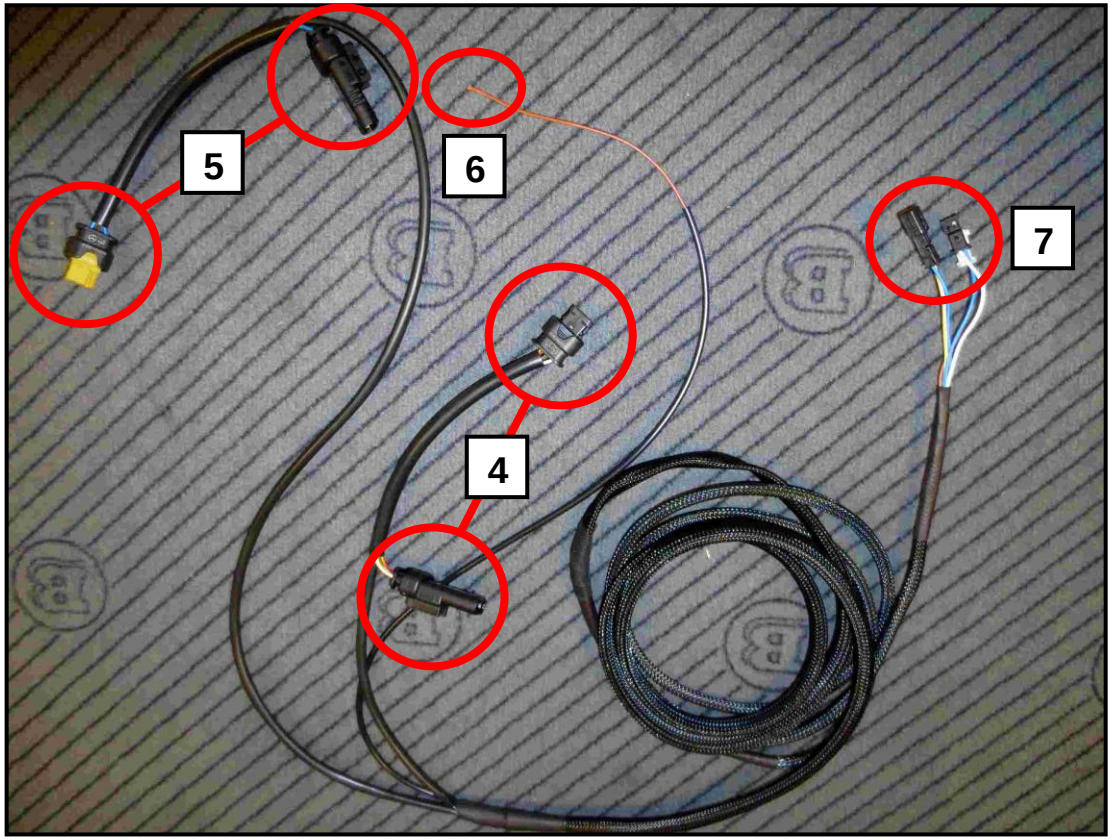


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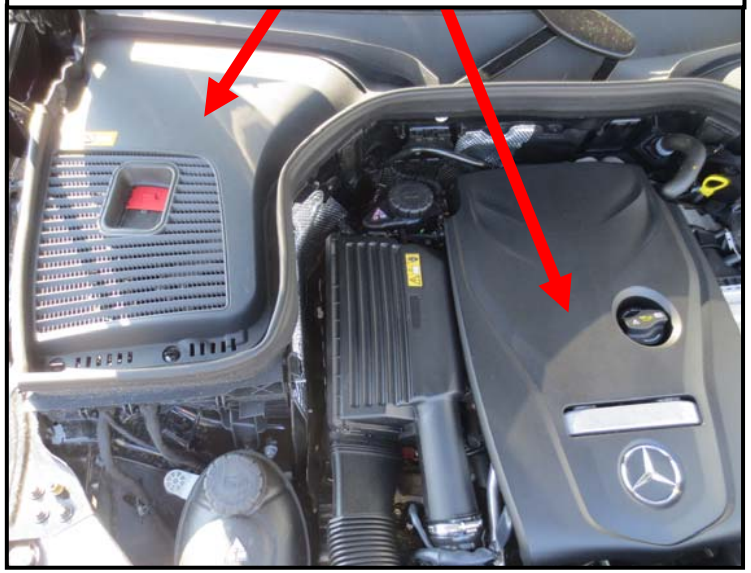
Connections to be established:

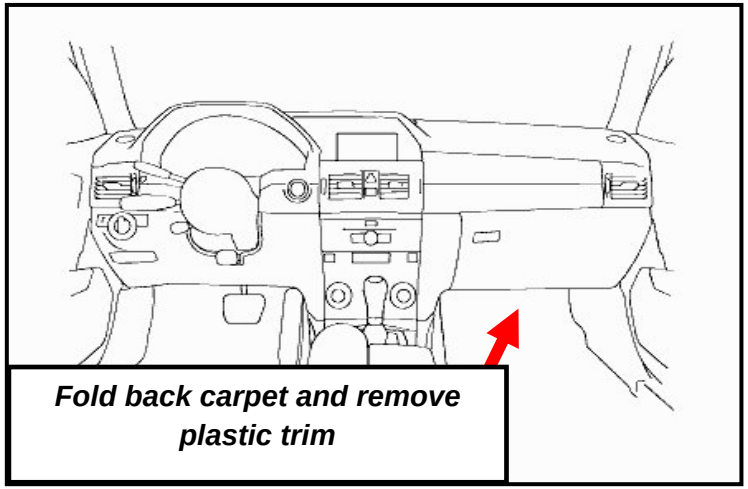
1- PowerXtra main plug
2- Power supply (red wire to power supply terminal within passenger footwell)
3- CAN-connectors
4- Charge pressure connectors
5- Intake pressure connectors
*6- Ground connector, to be soldered parallel to engine control unit plug **F**, PIN**2***
7- Connectors interior wiring loom to engine bay wiring loom





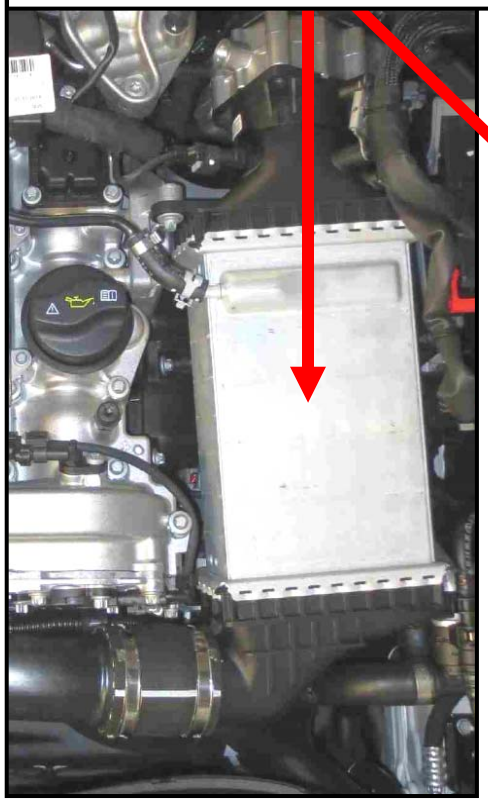
Remove plastic trims and vehicle battery





Fold back carpet and remove plastic trim

Remove charge air cooler and carrier below





Attention:

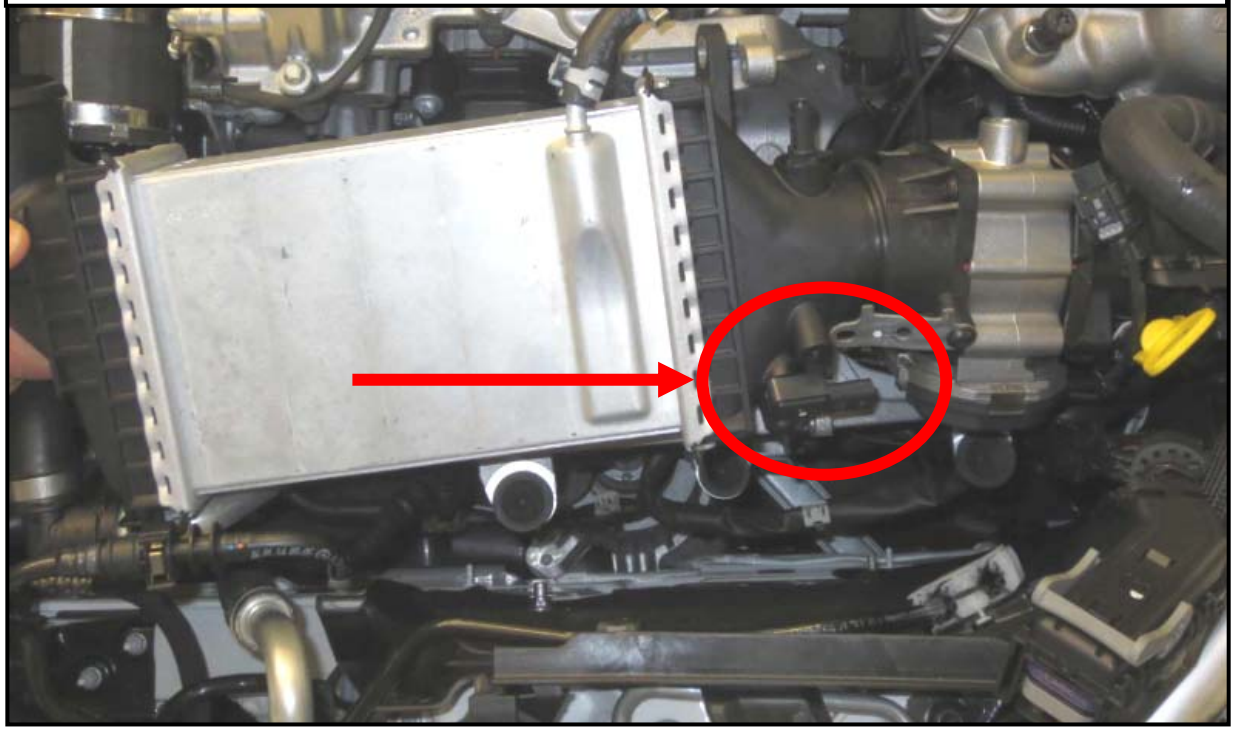
Fixate the wiring harness inside the engine bay using cable ties. Make sure it is securely routed and cannot be damaged due to tensile stress, heat or sharp edges.

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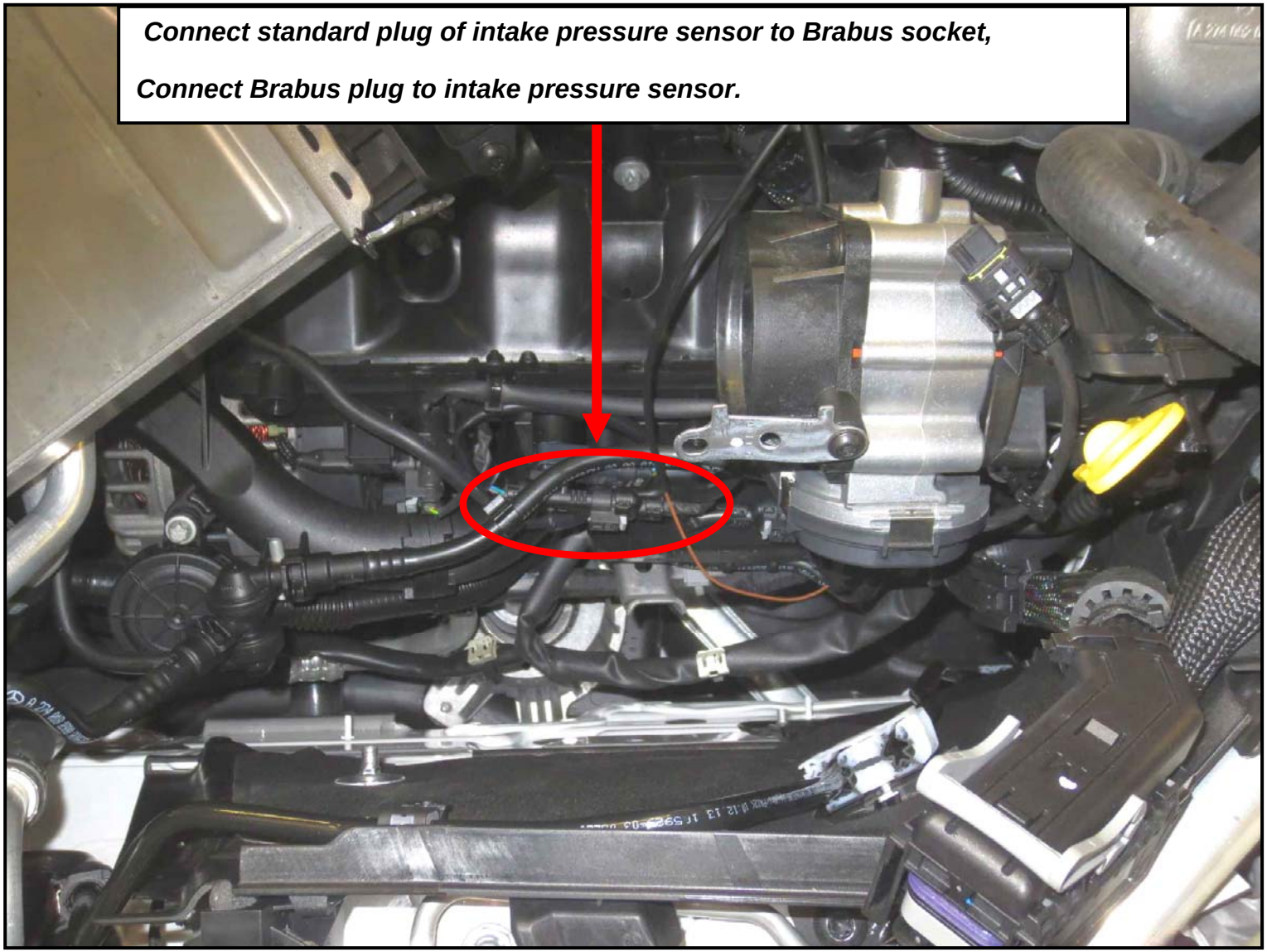
Connect standard plug of boost pressure sensor to Brabus socket,

Connect Brabus plug to boost pressure sensor.

Route the wiring loom to intake pressure sensor.



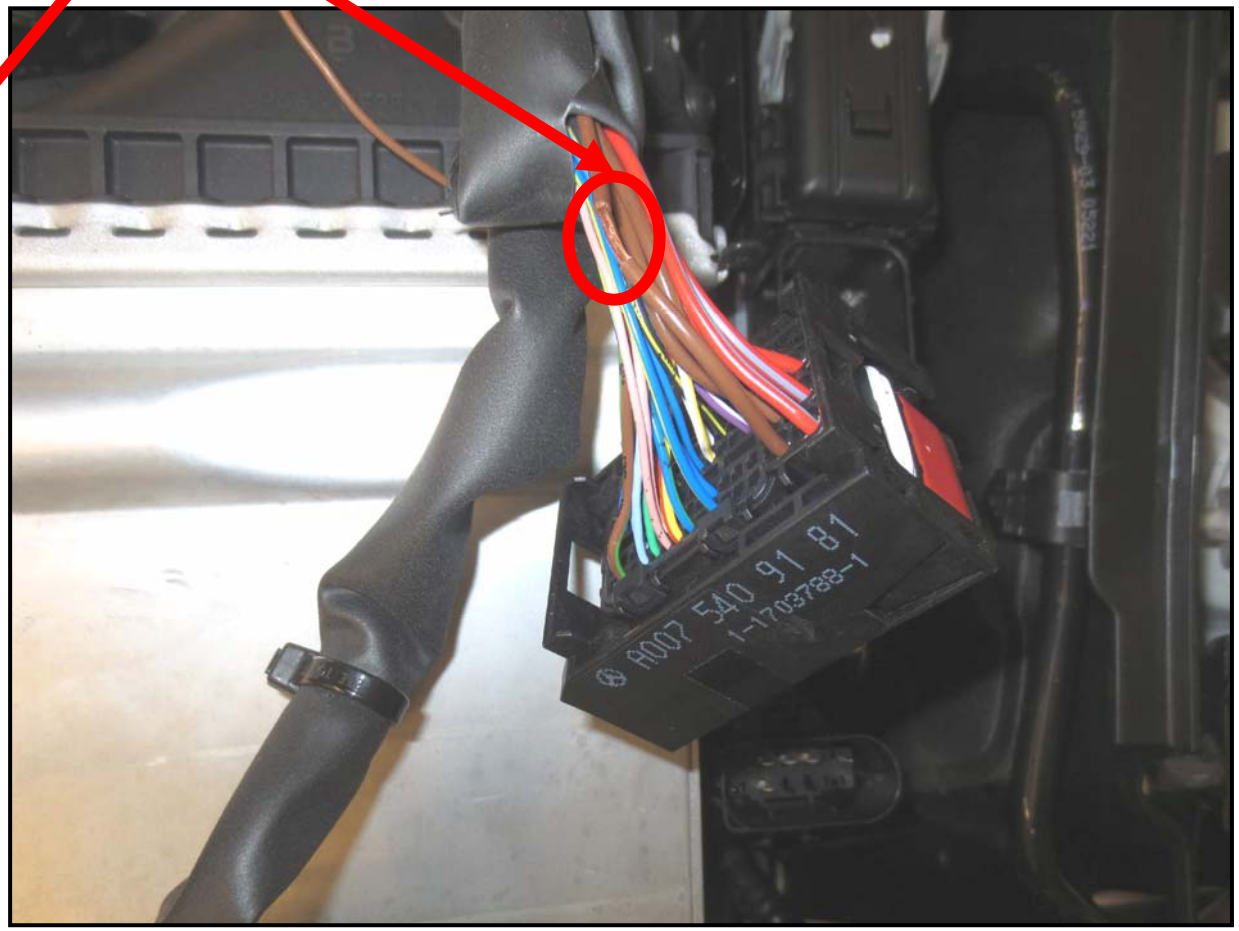
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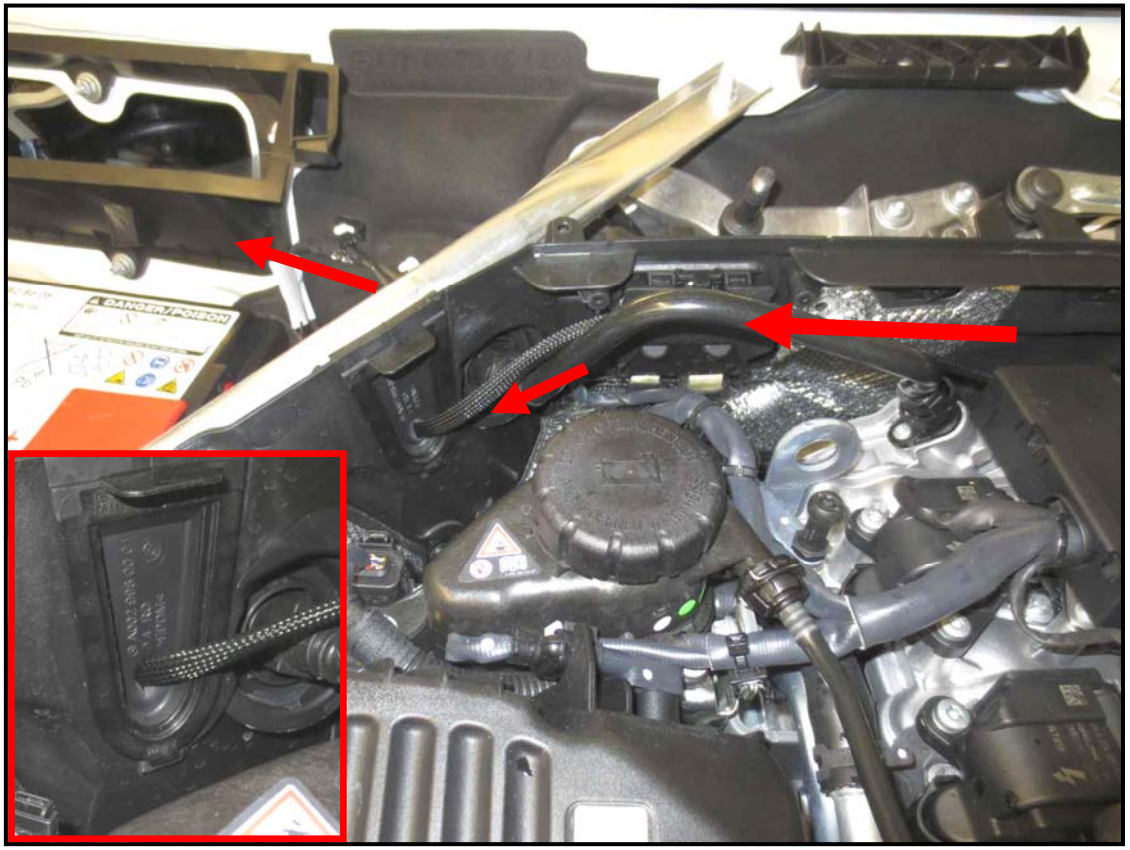
Disconnect plug „F“ of the engine control unit and remove the plastic cover, solder brown ground wire of engine bay wiring loom parallel to the wire out of slot 2. Sufficiently isolate soldered area.

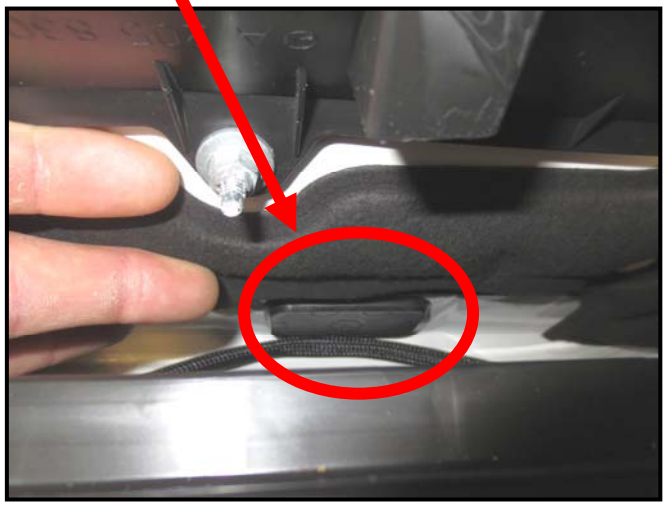




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Route engine bay wiring harness to rubber grommet on passenger side according to images. Fixate wiring loom using cable ties.





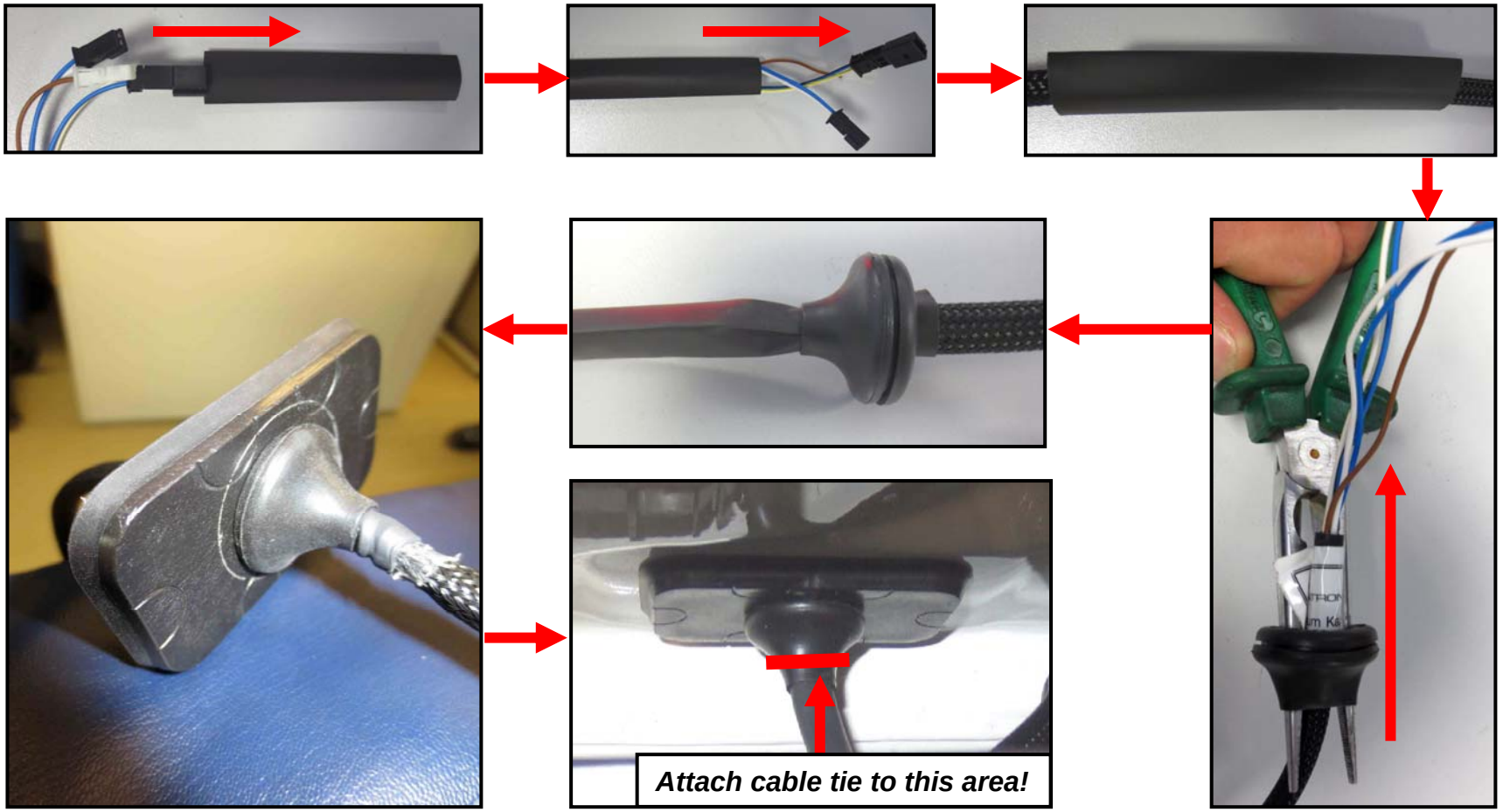


View from inside

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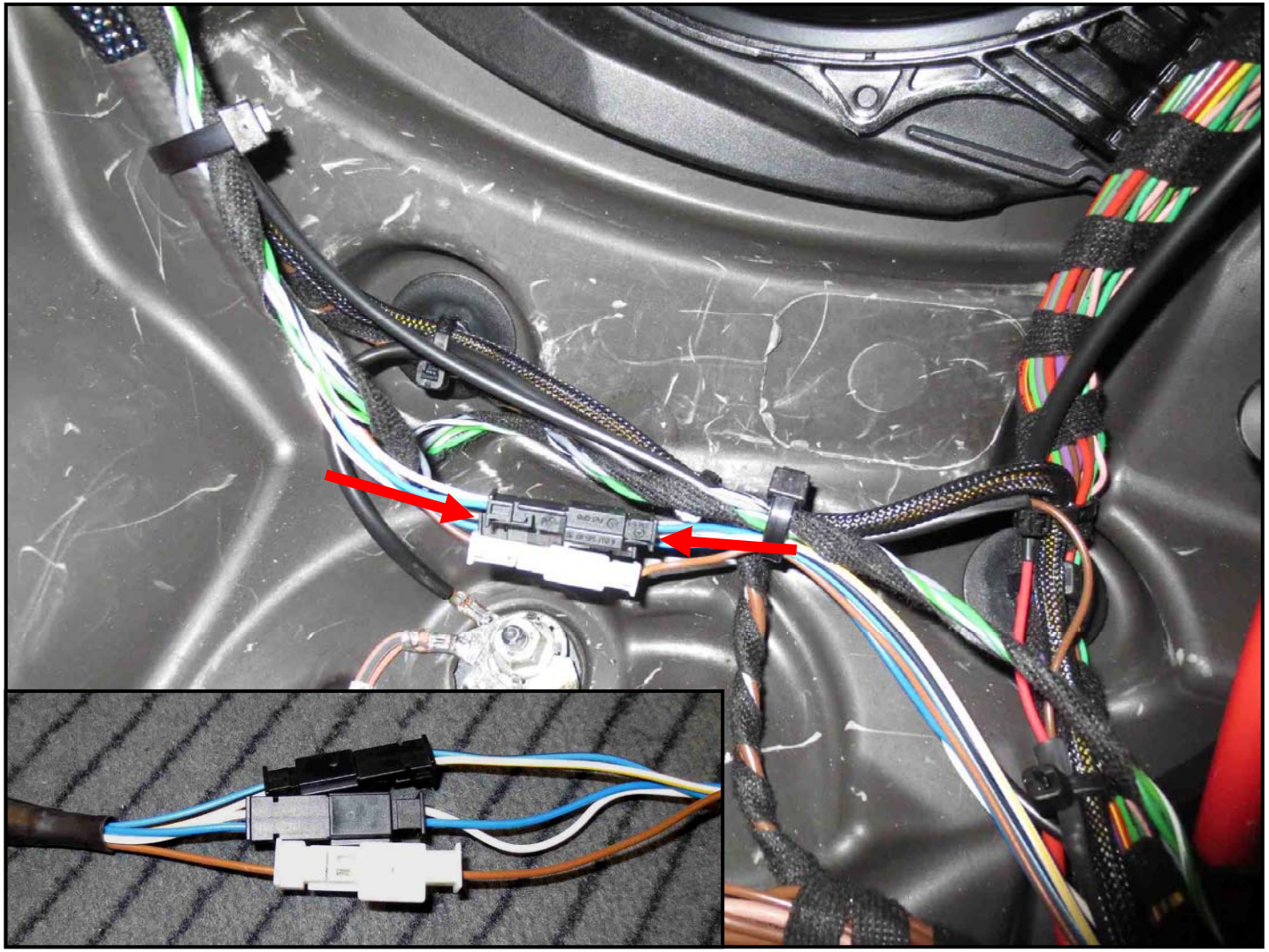
Drill 22mm hole into plastic cover using a suitable drill (cone drill). Route engine bay wiring loom through heat shrink tube supplied (must be used between wiring loom and rubber grommet in order to have a tight implementation!). Route wiring loom through rubber grommet (extend!). Measure the wiring length within the engine bay, shrink the heat shrink tube using a hot air-fan. Route shrinked wiring loom area through rubber grommet and fixate it using a cable tie. Route wiring loom through plastic cover and attach the rubber grommet to the plastic cover. Re-attach the plastic cover.

Make sure the implementation has securely been tightened!



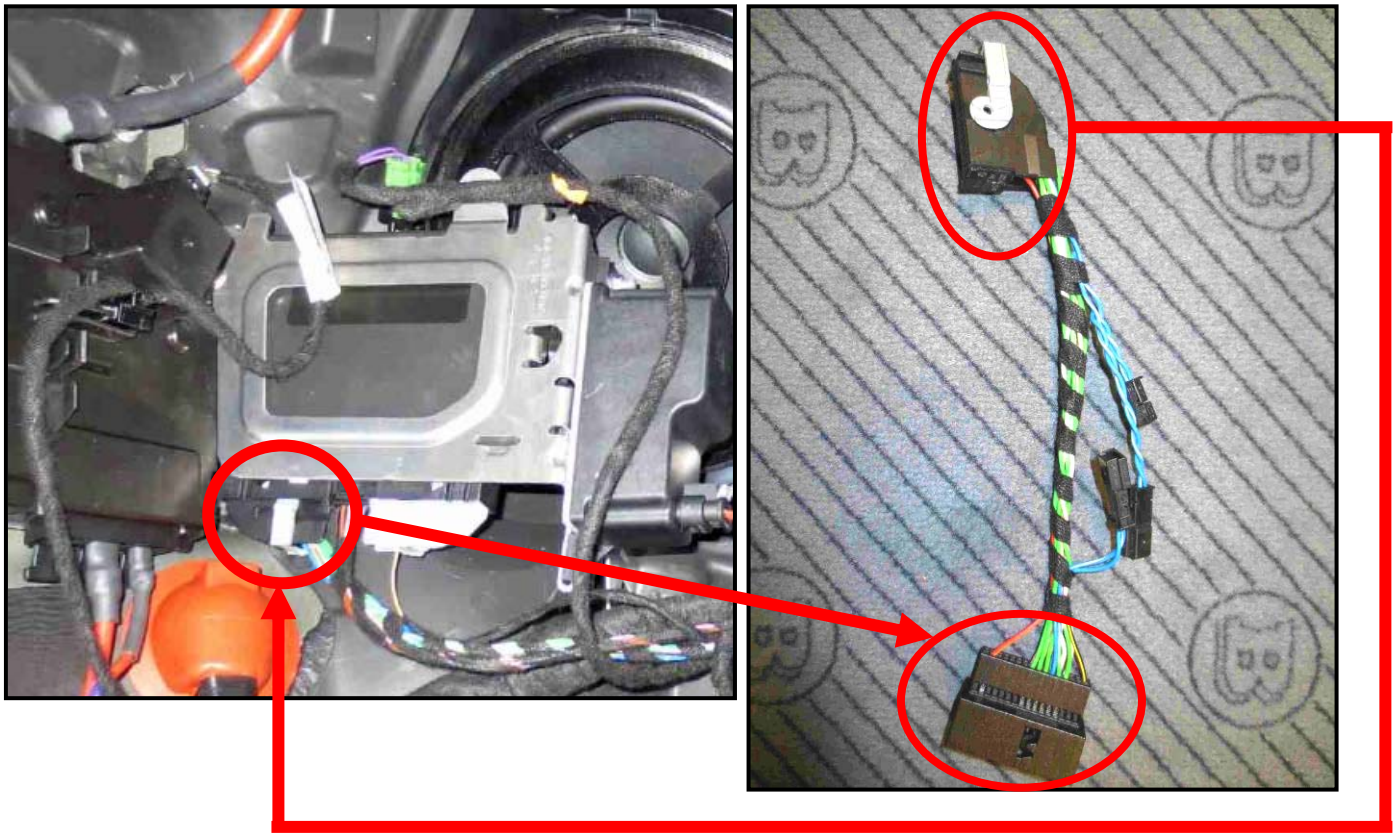
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Connect engine bay wiring loom to interior wiring loom within passenger footwell.

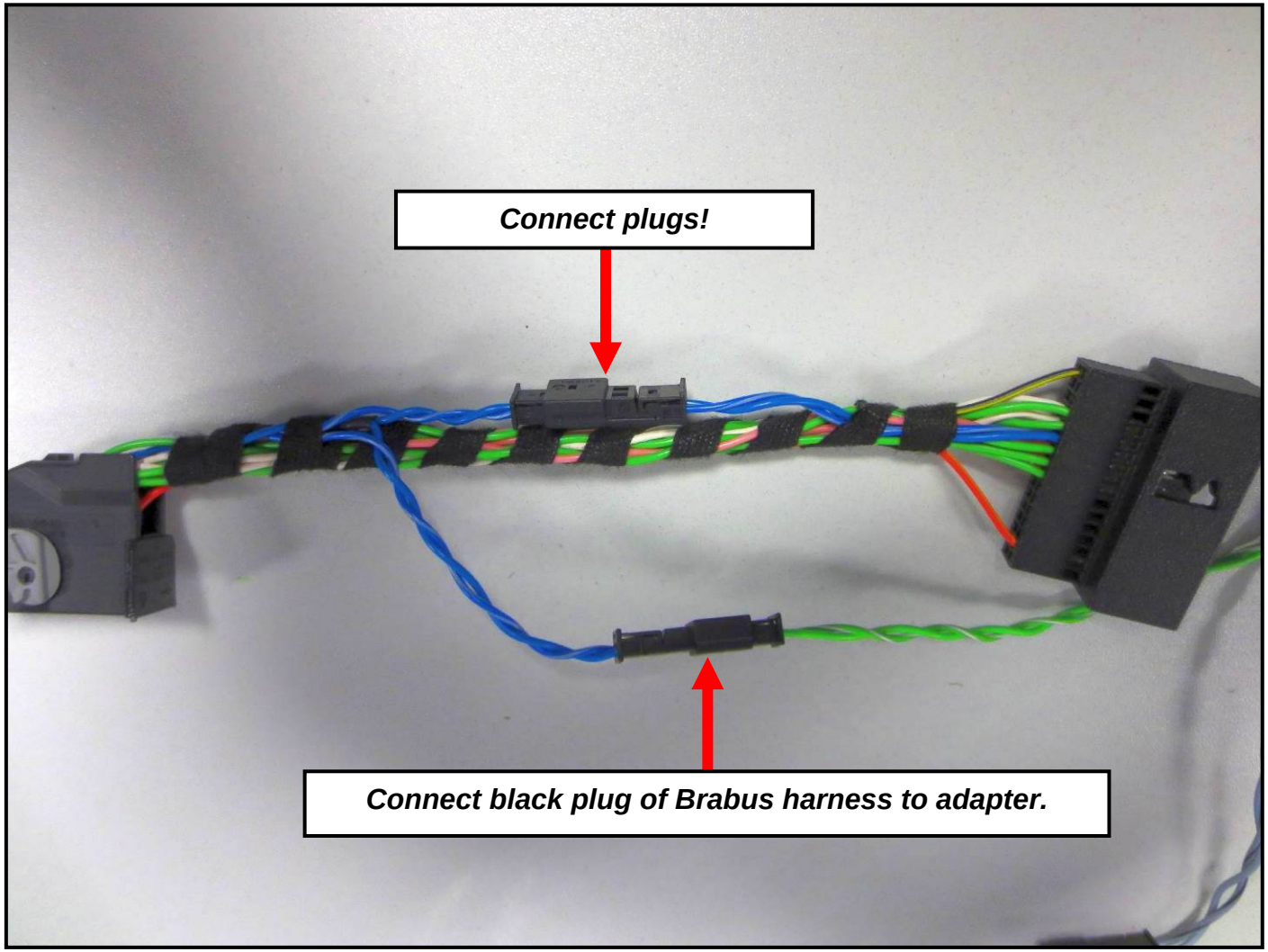


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Disconnect black plug of control unit and connect to adapter plug, connect adapter plug to control unit.



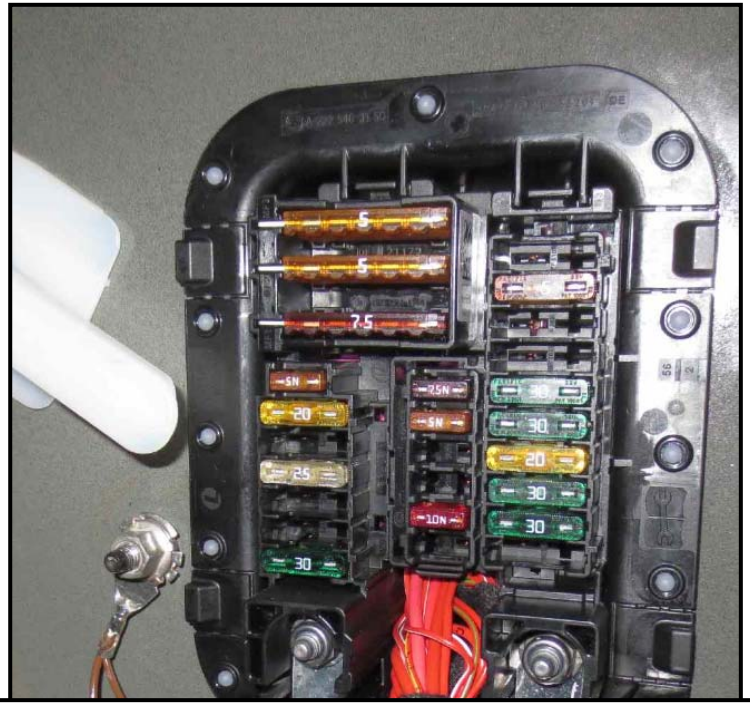
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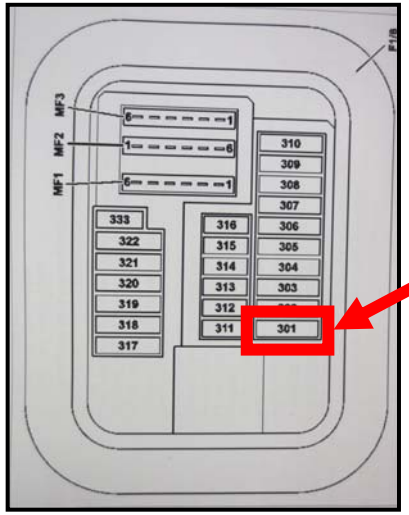


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Disconnect power supply wire at terminal shown and release the fuse port on the right side within footwell. Attach power supply wire of Brabus harness to slot 301 (fig.). Attach 5Amp fuse to fuse port.









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 erase faults which may have occurred during installation.
Perform a test-drive.

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Perform a test-drive.

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