Performance Kit for Mercedes-Benz G 450 d, BR465,
465-D45-00

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 perform the installation.
Therefore you have to read and completely understand these instructions.
Dismantle standard components according to Mercedes-Benz workshop instructions (WIS).
Prior to installation please check the content of the supplied components as detailed below.

Included in delivery BRABUS:

1x Control Unit PowerXtra	465-D45-00-P
1x Wiring Harness	465-D45-05-K
1x Logo „Brabus“	211-000-14
2x Alloy Bezel „Powered by BRABUS“	000-000-50
1x Holder Power Xtra Control Unit	465-730-000
3x Sheet Nut	NEW-2641
1x Screw A2/070-TX25-M5x12	0098040512
2x Screw	0098040525

Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDN

Attention:

Regard to the following hints prior to assembly.

- All modification measures only may be performed by expert personal with the necessary experiences.



- A lifting platform with a non-sufficient carrying capacity and non-sufficient security could break down under the weight of the lifted vehicle and cause harmful injuries to persons standing below the vehicle. Compare the vehicle weight to the carrying capacity of the liftiing platform. The weight of the car may not exceed the carrying capacity of the lifting platform.
  The vehicle weight can be found within the vehicle registration documents or the operation manual.



- Prior to assembly make sure the ignition is switched off and the vehicle battery is disconnected.



- Wear protective gloves. Avoid tight and inaccessible vehicle areas same as hazardous situations under usage of special tools and appropriate accessories.

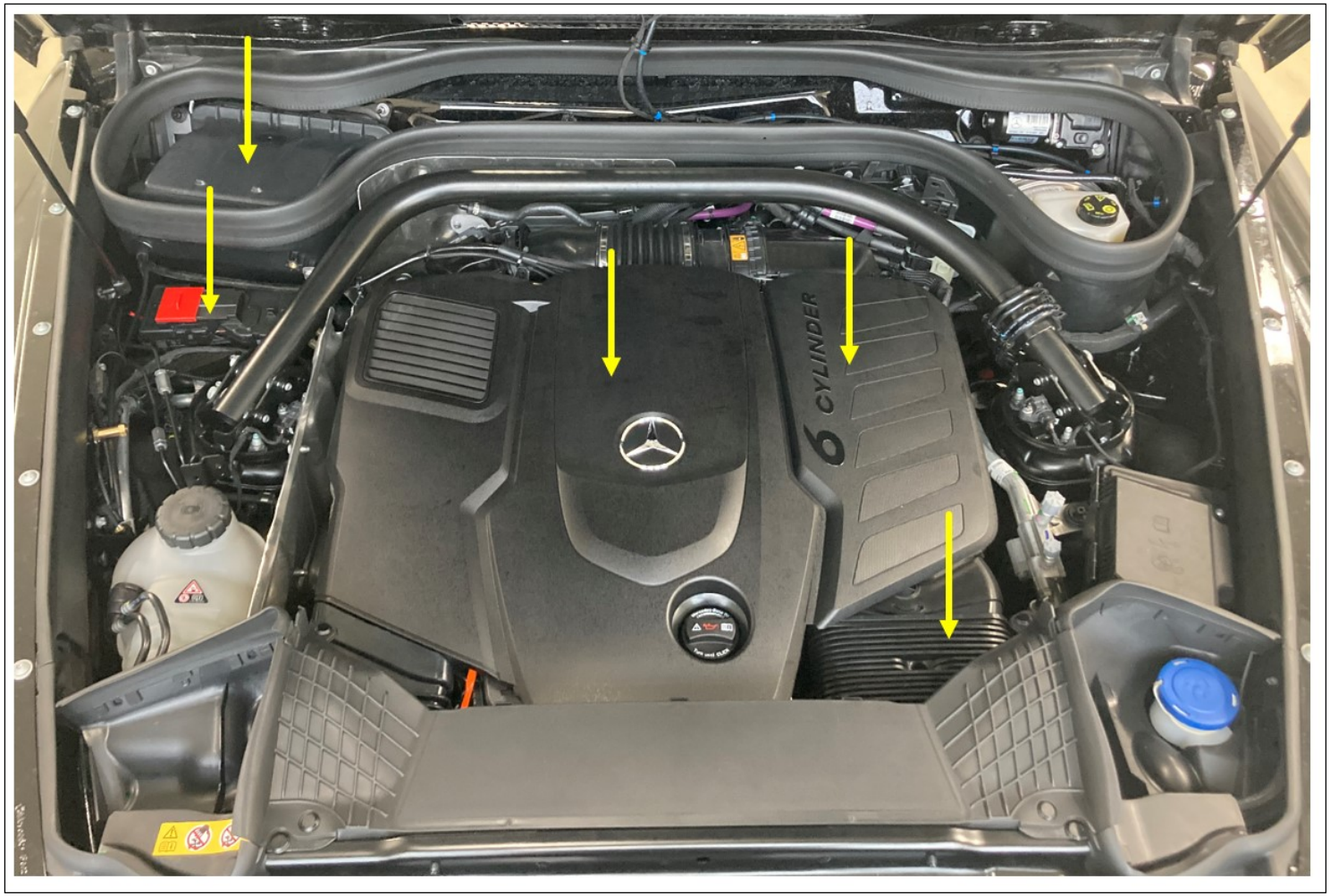


- Prior to assembly check the completeliness of the delivery content. Urgently regard to the Mercedes-Benz guidelines during disassembly of standard vehicle components.

Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDAT

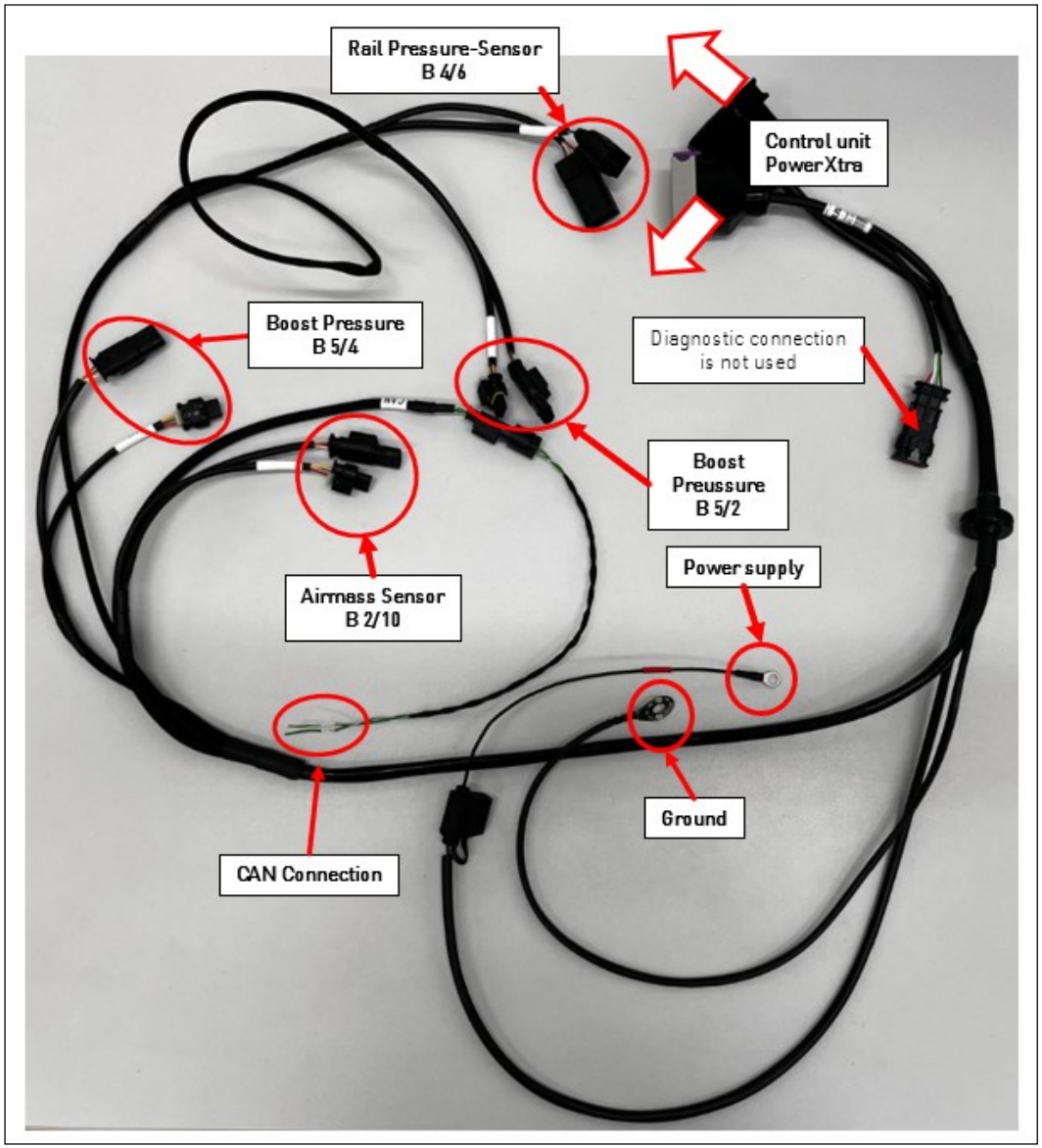
Preparation:

- Open the bonnet, disconnect the ground line of the vehicle battery.
- Remove the marked covers in the engine compartment.



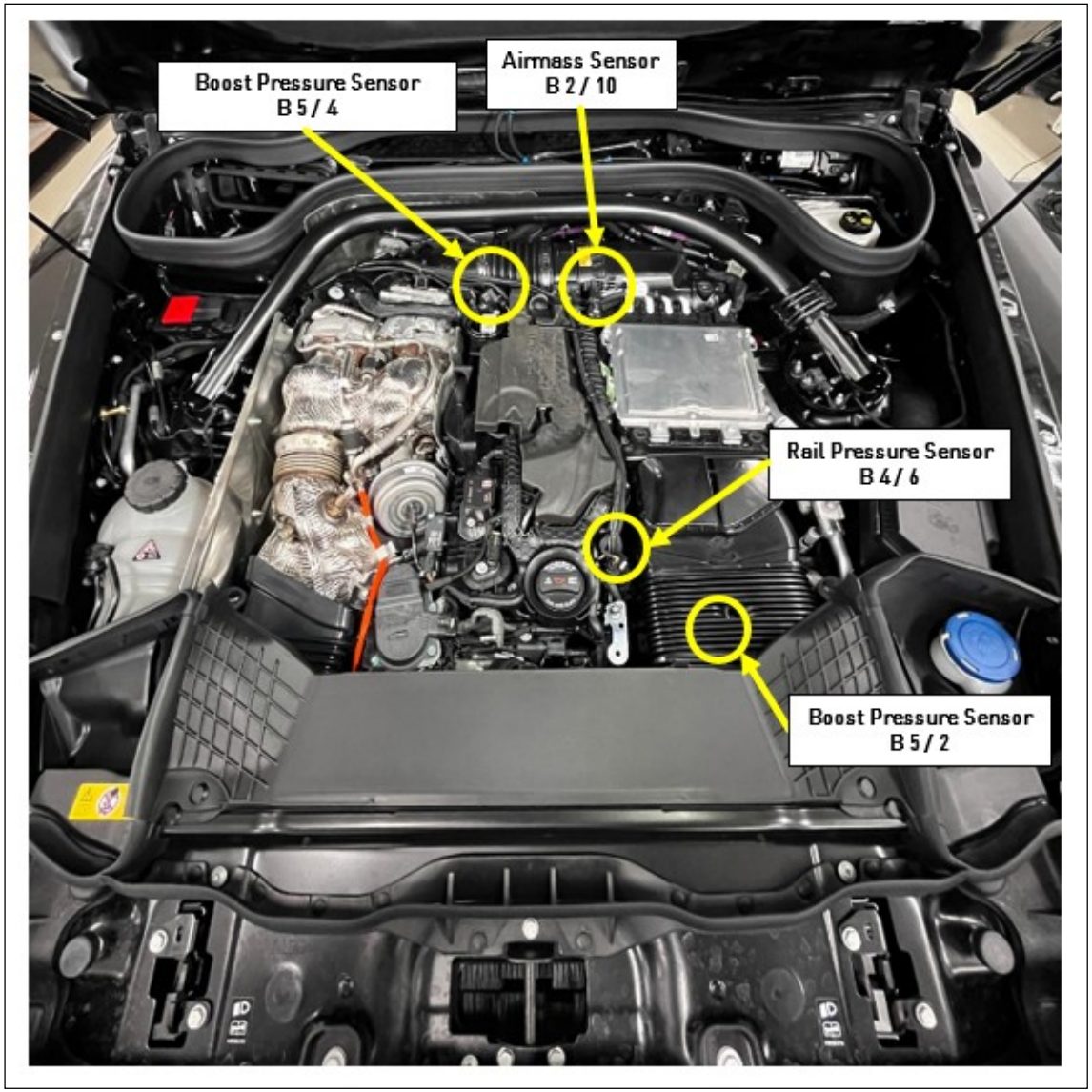
Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDA

Electricial Connection:



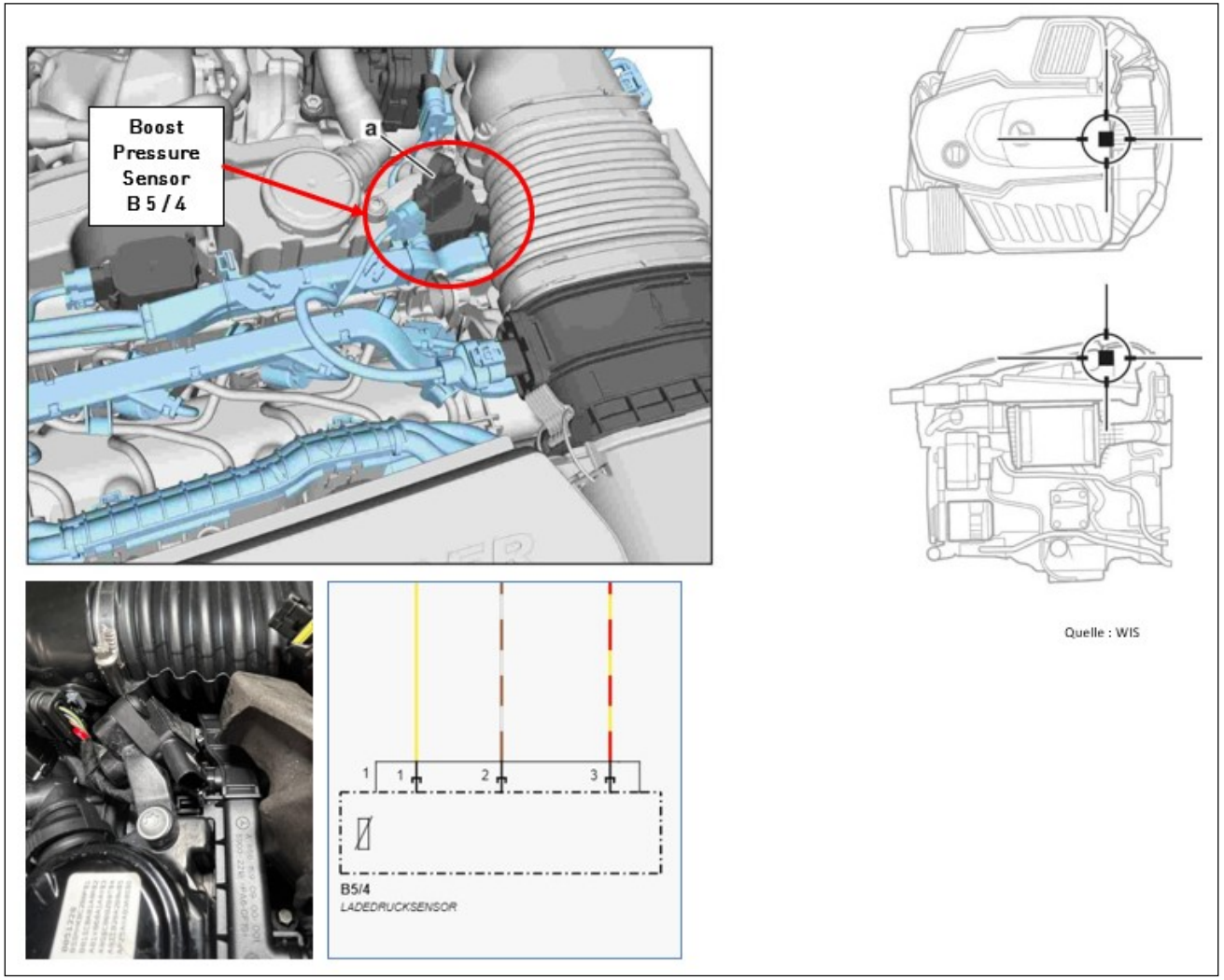
Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDN

Position of the Sensors:

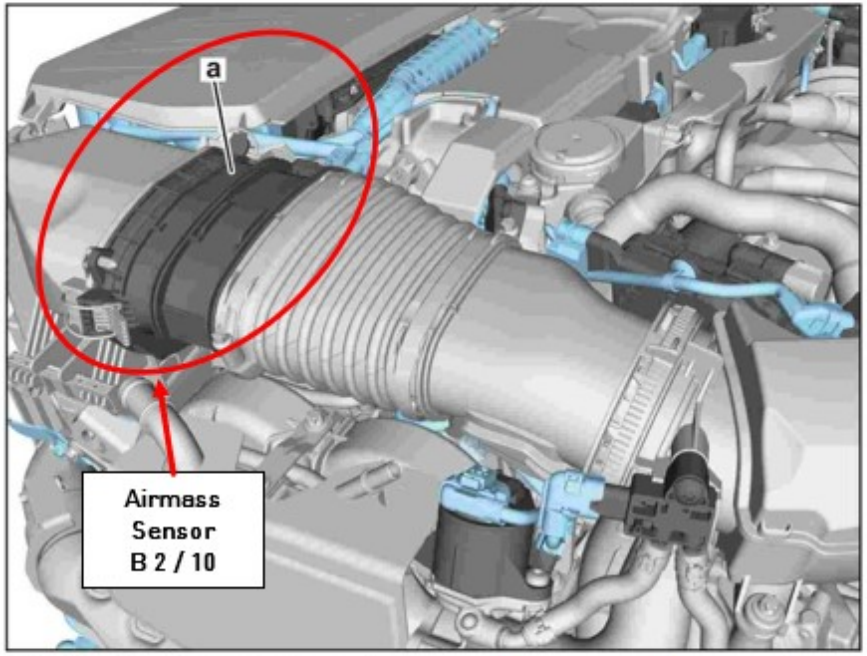


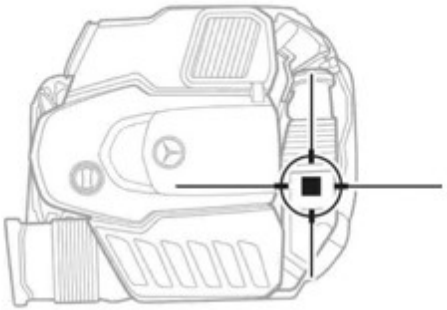
Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDN

- Lay the BRABUS wiring harness to the sensors at suitable points and secure it to the original wiring harness with cable ties.
- Disconnect the sensor plugs and connect them to the corresponding sockets on the BRABUS wiring harness.
- Now connect the free plugs of the BRABUS wiring harness to the corresponding sensors.

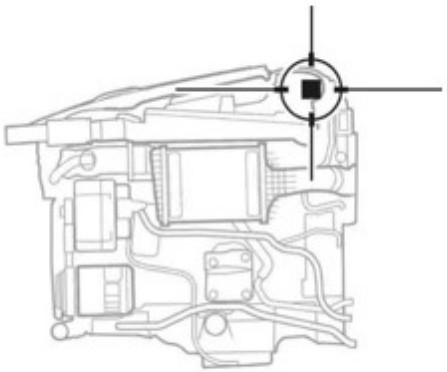


Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDAT

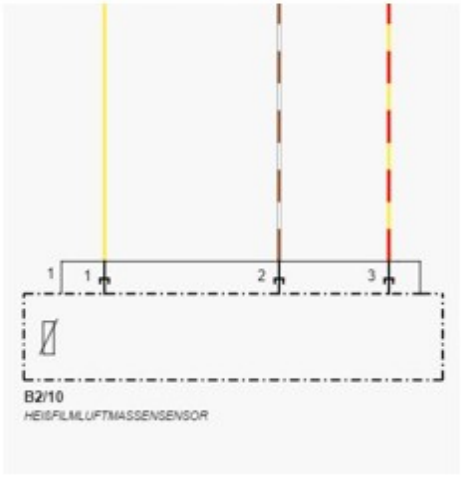




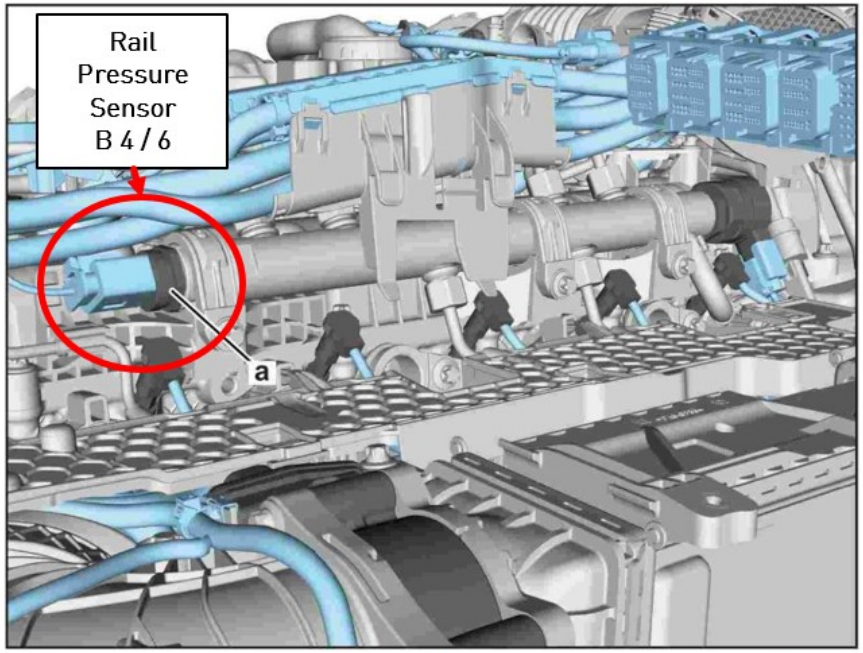
Quelle : WIS

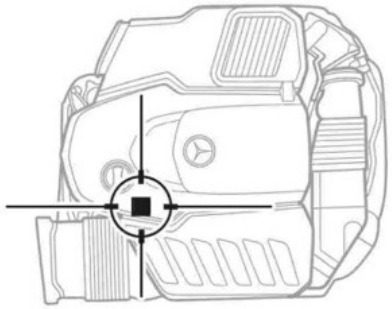


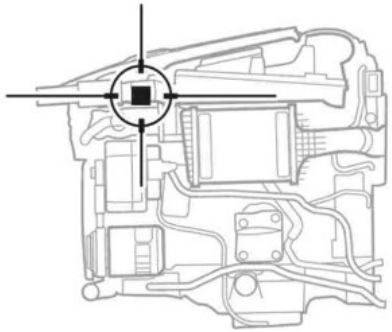




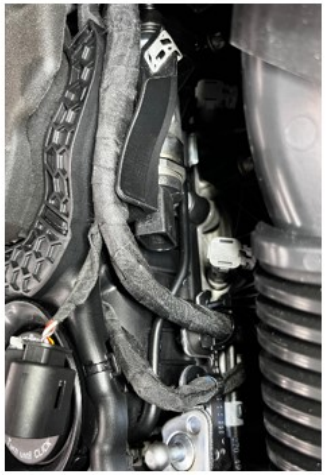
Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDN

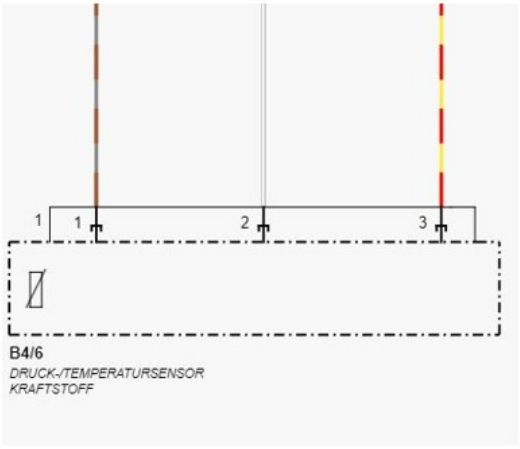




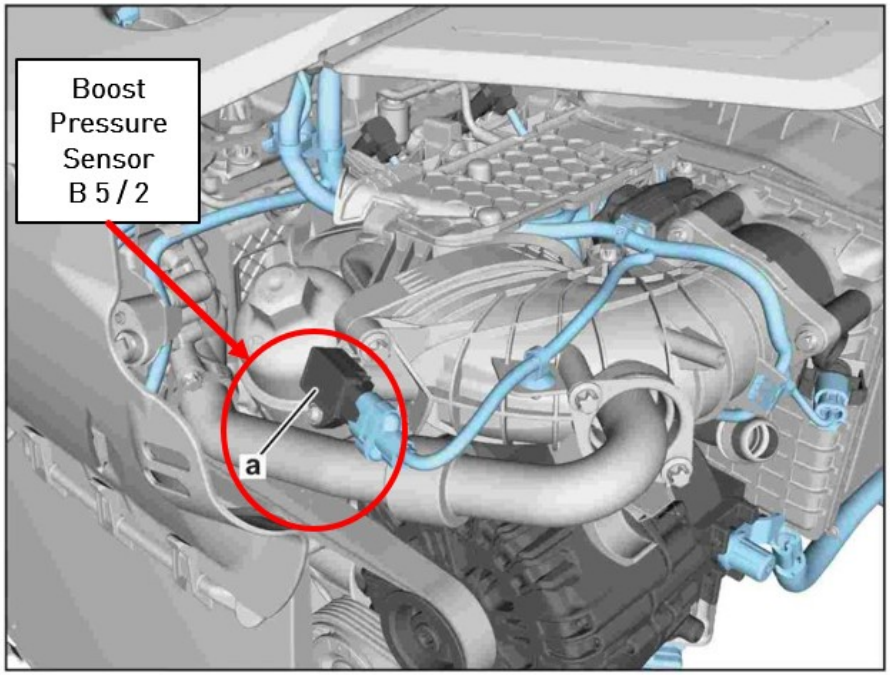


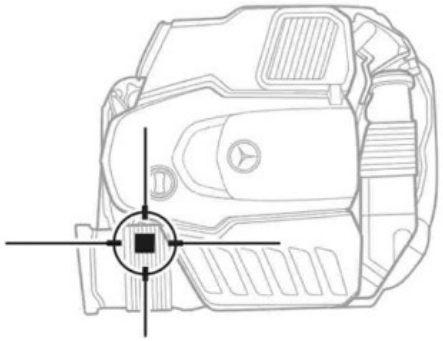
Quelle : WIS

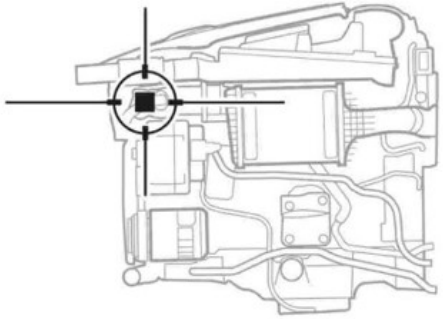




Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDAT

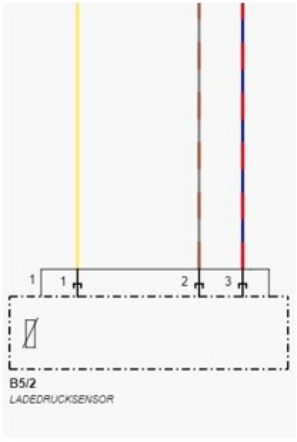






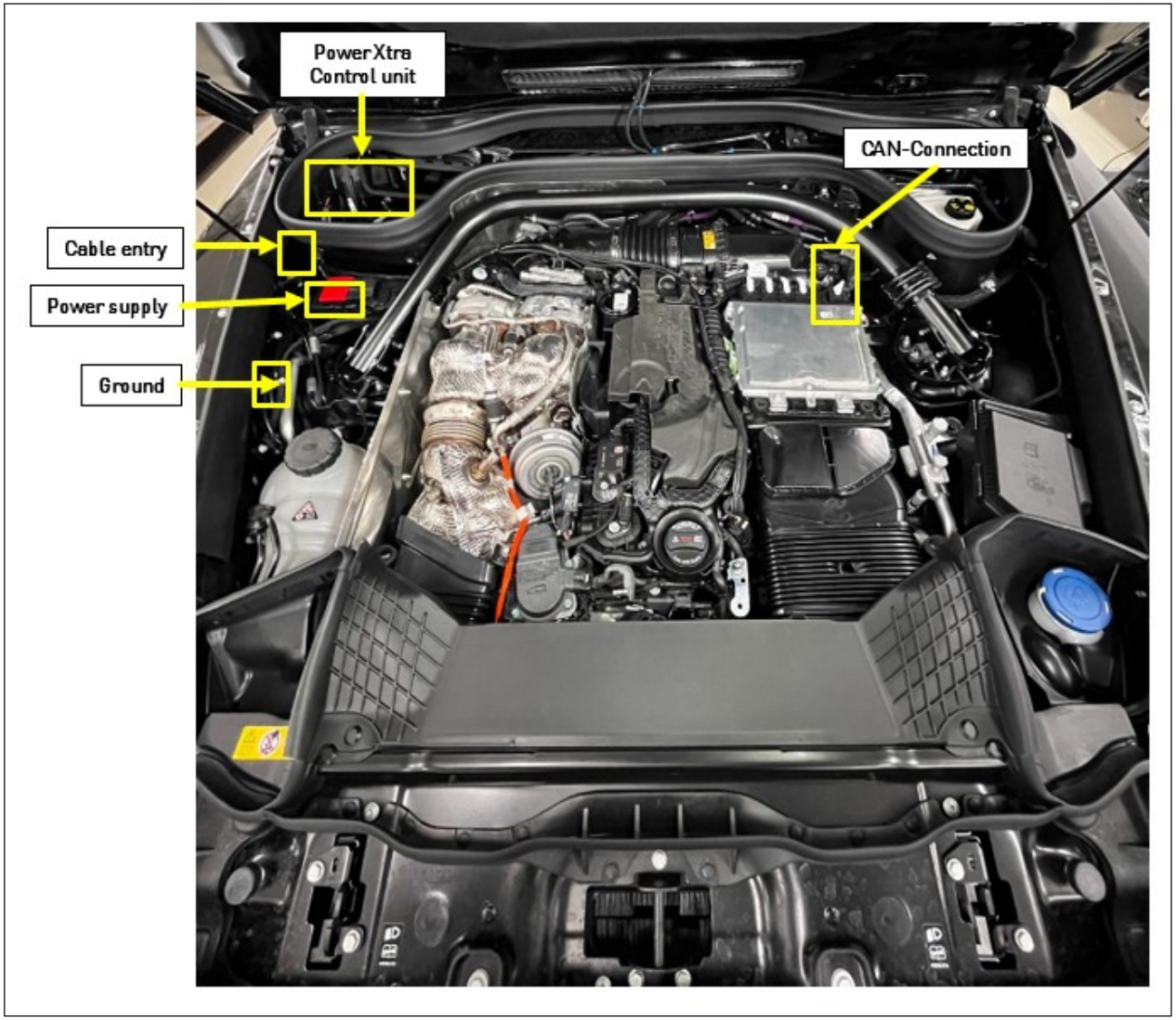
Quelle : WIS





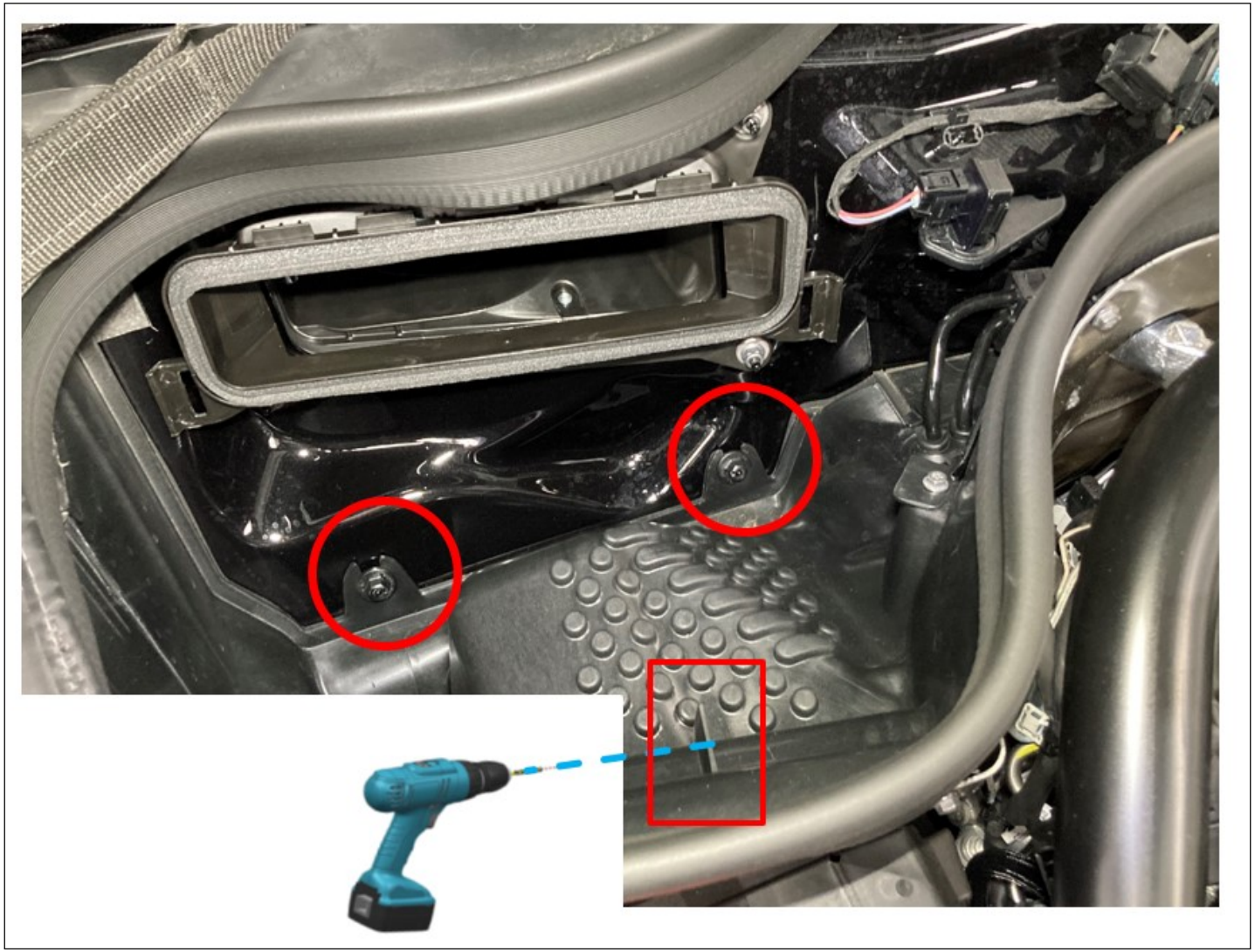
Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDAT

Position:



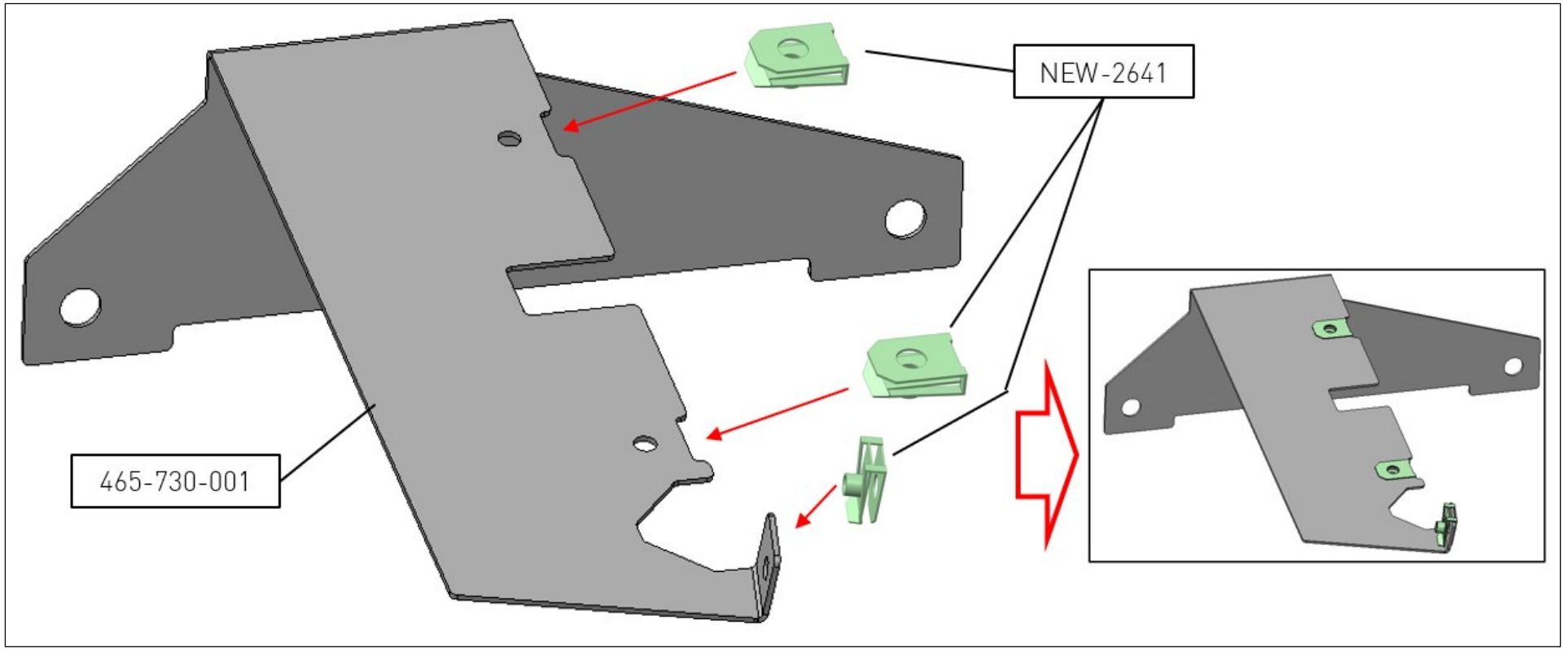
Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDAT

- Remove the two marked nuts.
- Drill a hole (Ø 5.5 mm) at the outlined position).



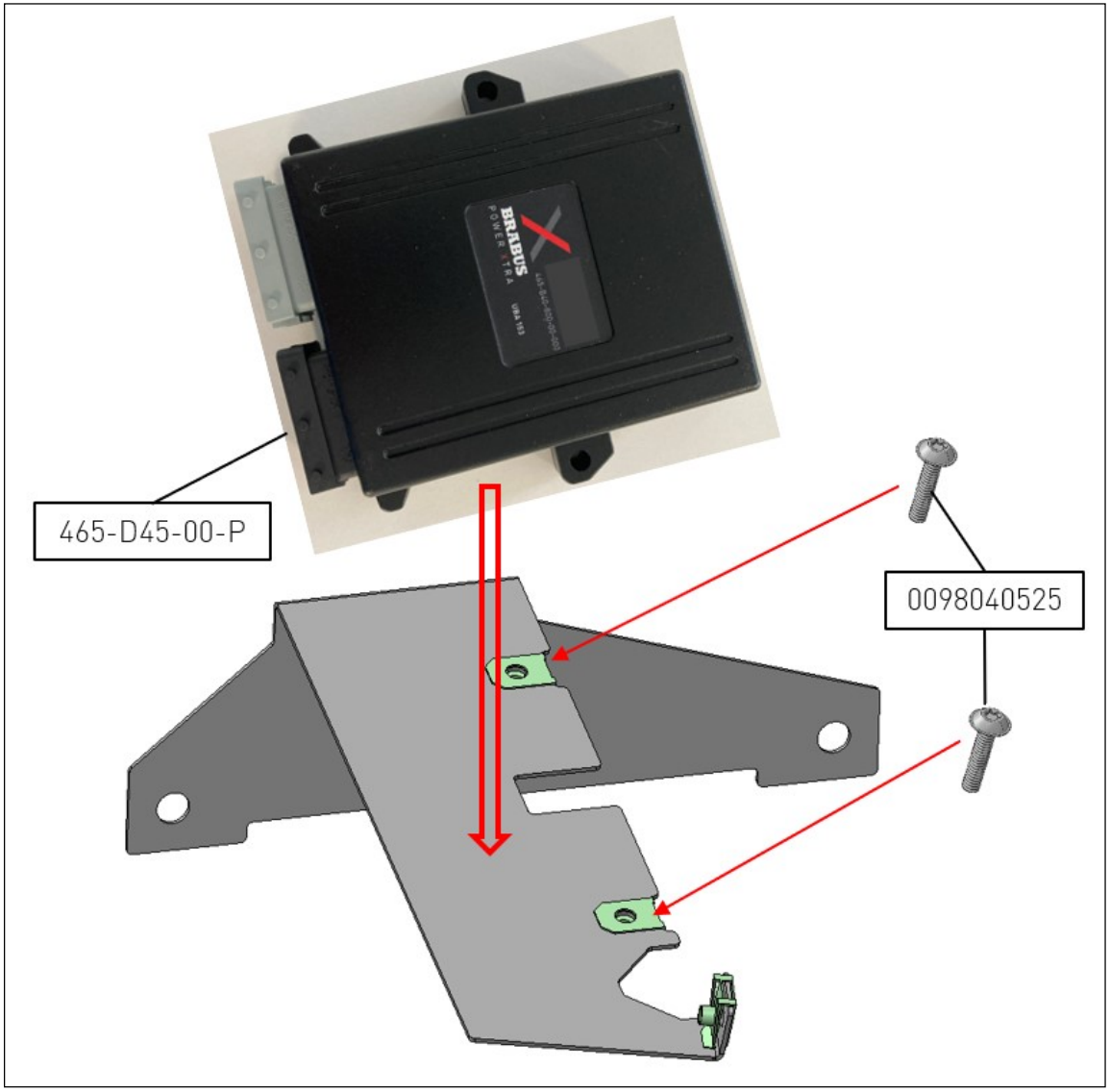
Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDA

- Place the 3 sheet metal nuts (NEW-2641) on the retaining plate 465-730-001.



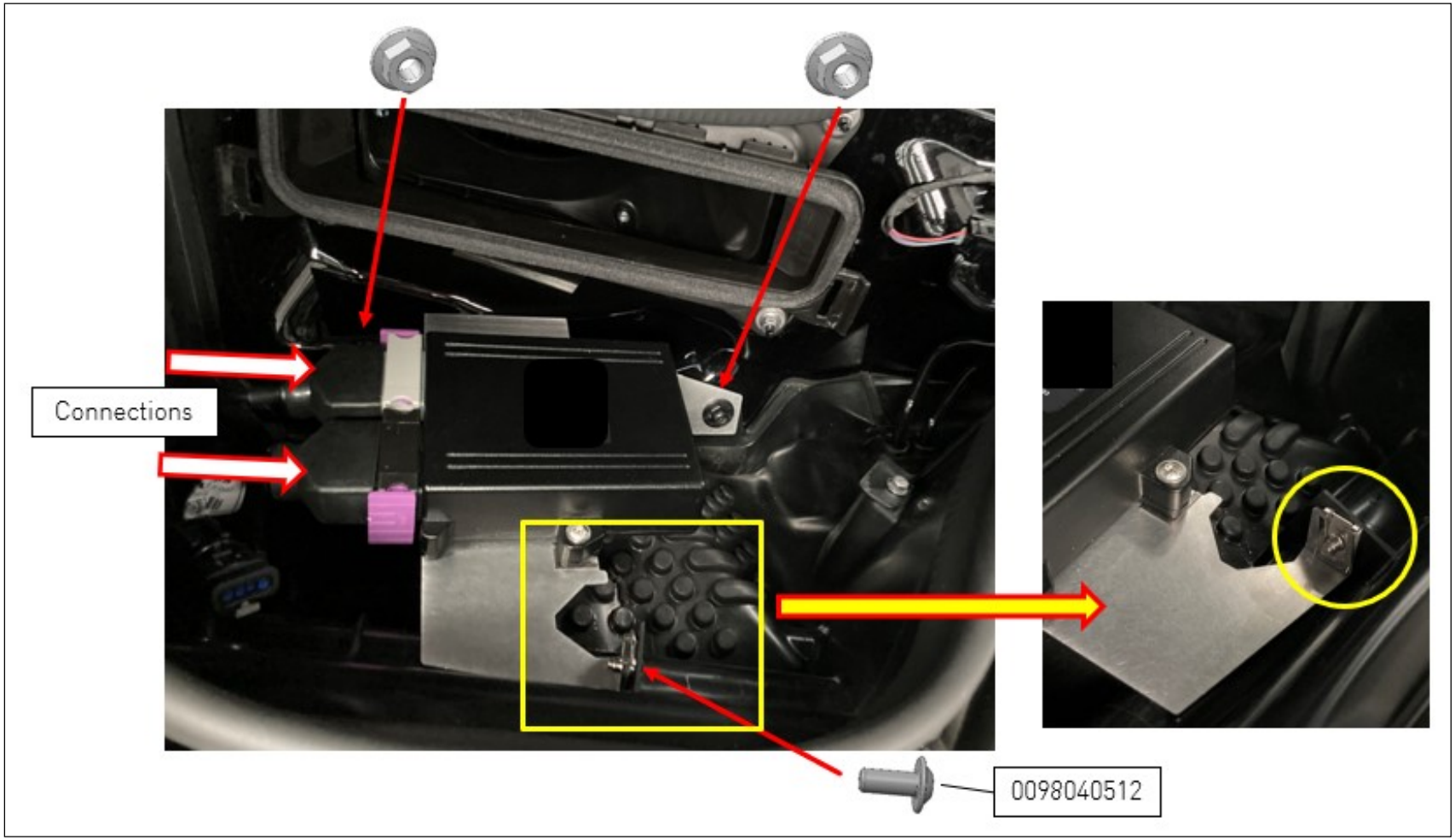
Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDN

- Screw the control unit (465-D45-00-P) to the retaining plate 465-730-001 using the two screws (0098040525).



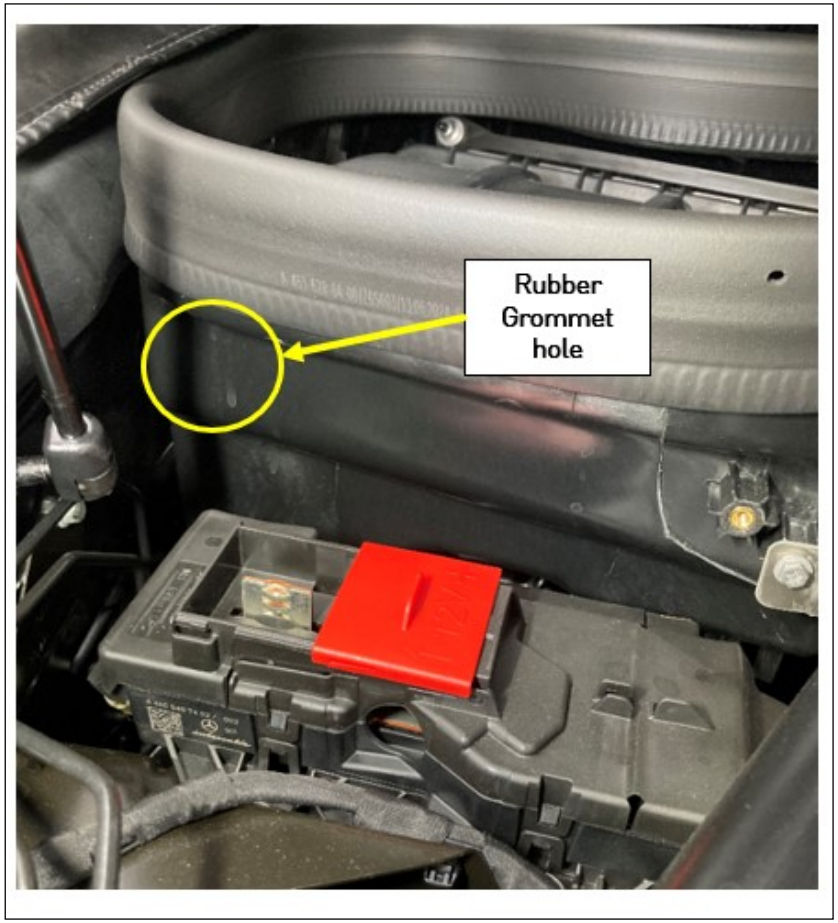
Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDN

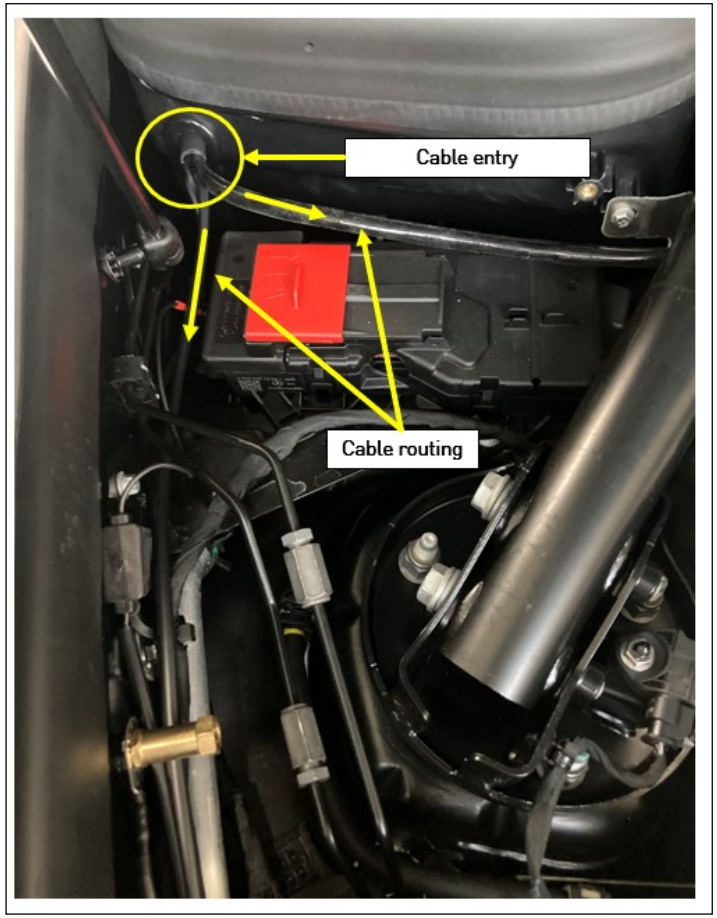
- Connect the cable set to the control unit and insert the holder / control unit unit.
- Screw the bracket to the vehicle using the two previously removed nuts.
- Fasten the bracket in the front area to the original plastic trim using the screw (0098040515).



Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDN

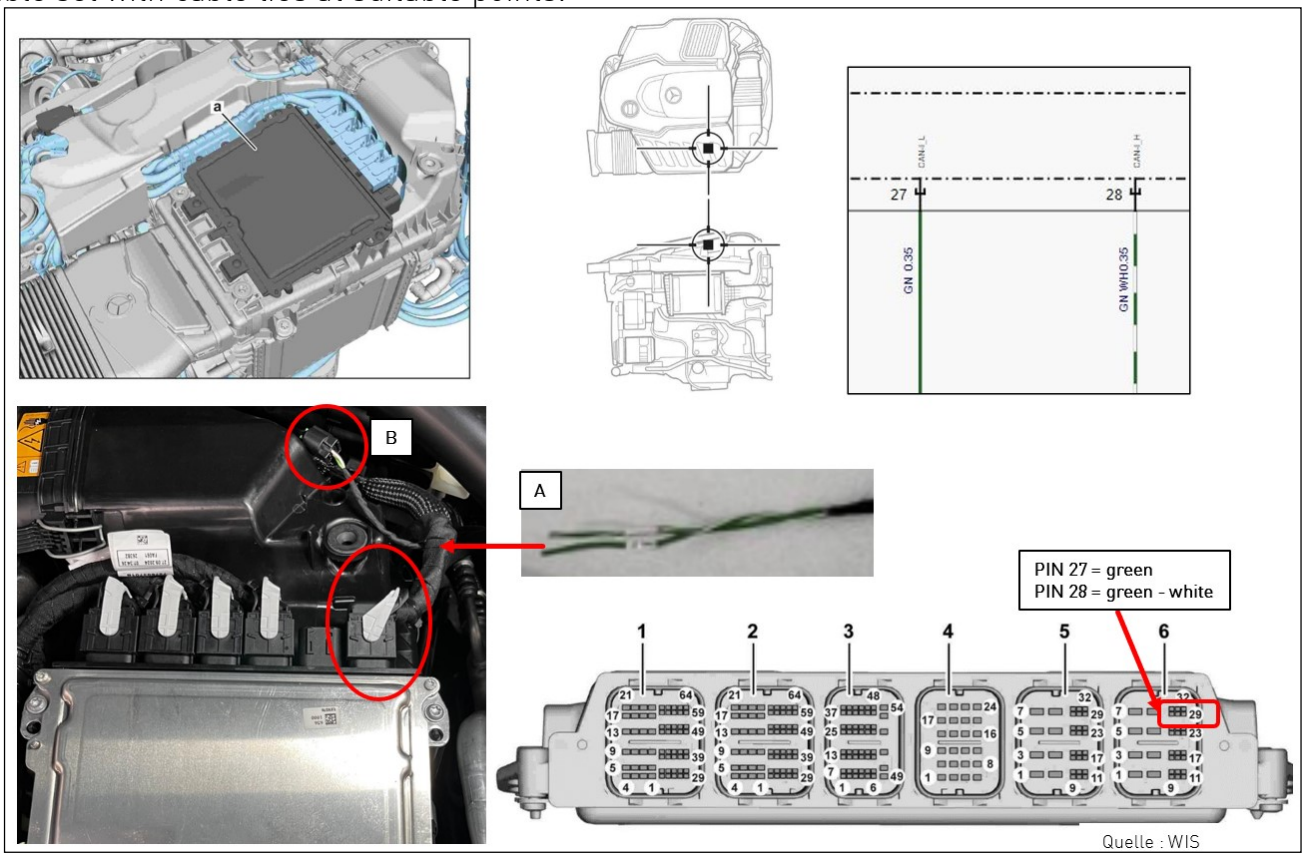
- Drill a 30 mm hole for the rubber grommet at the position shown in the diagram.
- Route the wiring harness from the control unit to the engine compartment.
- Insert the rubber grommet.





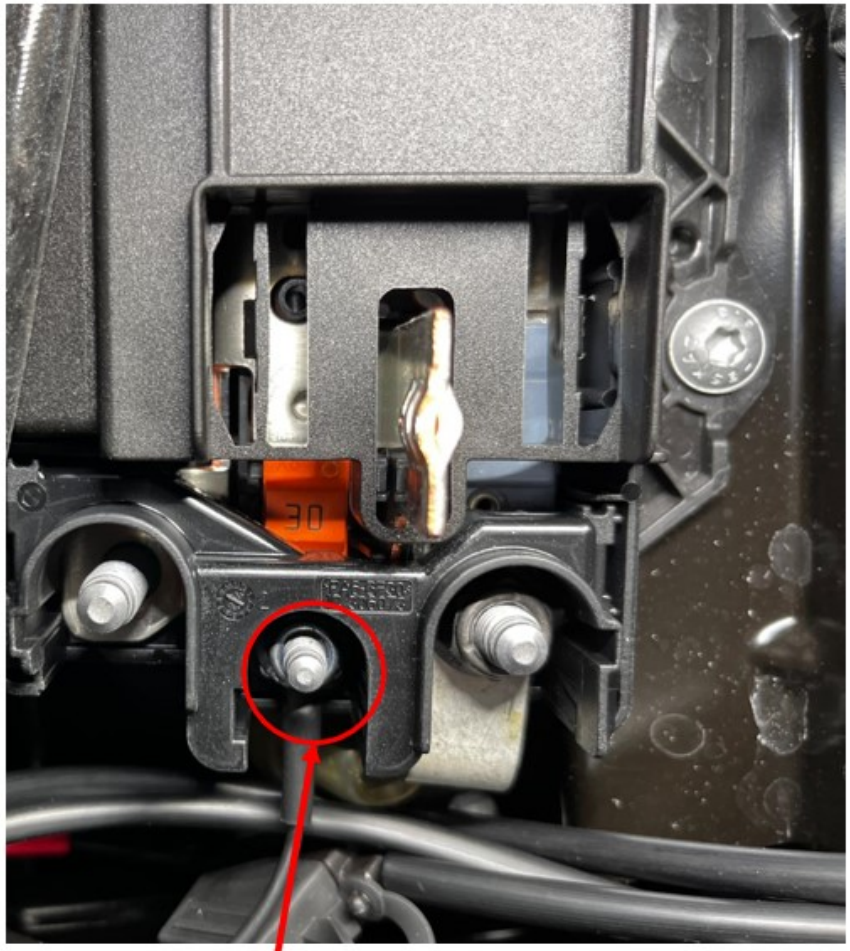
Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDN

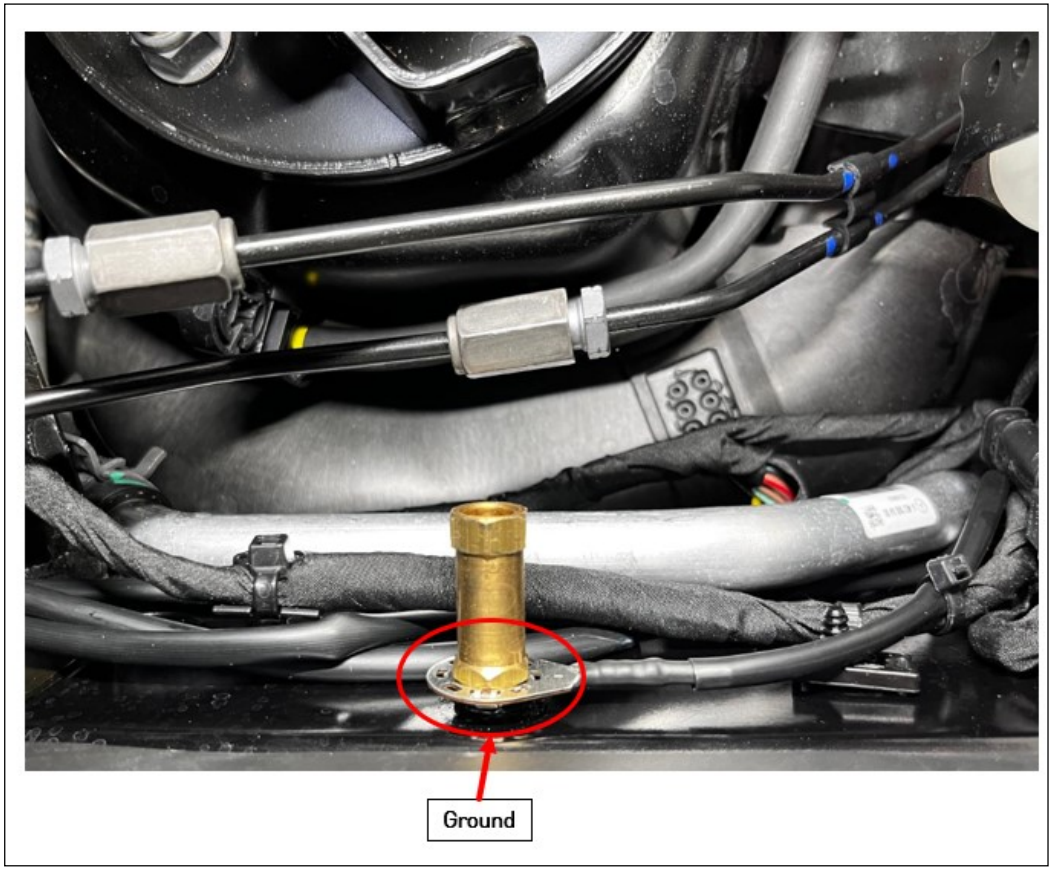
- Route the CAN cables to the engine control unit.
- Disconnect the connector 6 on the control unit.
- Solder the two cables (green & green-white) of the BRABUS wiring harness **(A)** in parallel and in the same color as the original cables from connector 6.
- **green** with the cable from **slot 27 (CAN-low).**
- **green-white** with the cable from **slot 28 (CAN-high).**
- Carefully insulate the solder joints and plug the connector 6 back onto the control unit.
- Connect the plug of the 2-pole cable to the corresponding socket of the BRABUS wiring harness **(B).**
- Secure the cable set with cable ties at suitable points.



Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDAT

- Screw the red wire of the BRABUS wiring harness to the center position of the charging support point in the engine compartment.
- Screw the earth ring cable lug to the marked position in the engine compartment.





Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDA

- Fasten the Brabus wiring harness at suitable positions using cable ties. Ensure that the wiring harness is laid without tension and that it is protected from damage.
- Install all removed panels and ensure that all electrical connections have been made carefully.
- Connect the vehicle battery and read out the fault memory. Delete any faults that occurred during installation and carry out a test drive.
- No further settings are necessary, PowerXtra is immediately ready for use after successful installation.



Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDAT