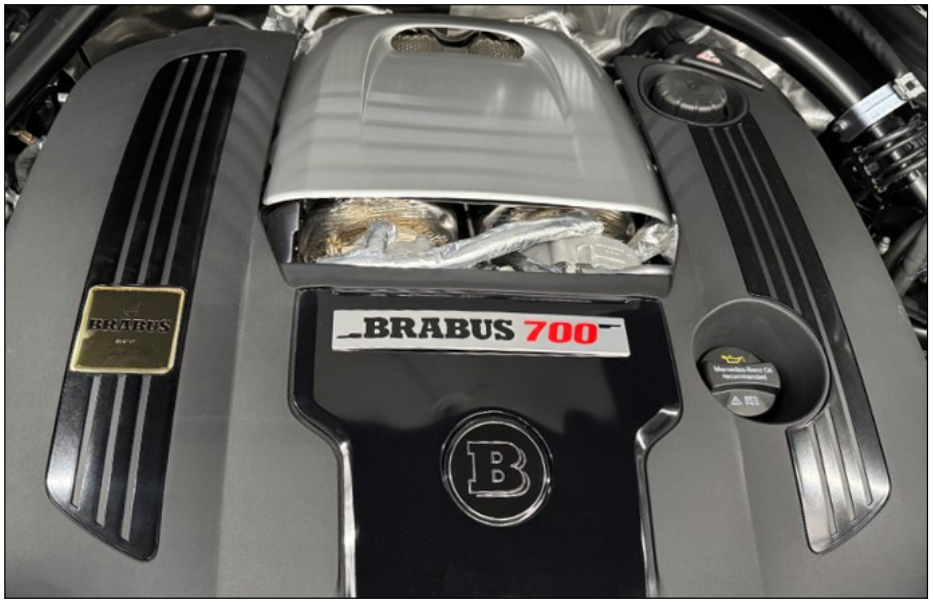
Performance Kit for Mercedes-Benz G63 AMG, BR465,
465-B40-700-00

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-B40-700-P
1x Wiring Harness	465-740-15-K
1x Logo „Brabus“	211-000-14
1x Logo „BB“(70mm round)	000-744-05-02
1x Aluminium Cover (B40-700)	000-B40-700
2x Alloy Bezel „Powered by BRABUS“	000-000-50
1x Brass plate 65x65mm	000-738-82-02
1x Motor shield BRABUS 700	000-B63-100-B
1x Holder Power Xtra Control Unit	465-730-000
3x Sheet Nut	NEW-2641
1x Screw A2/070-TX25-M5x12	0098040512
2x Screw	0098040525
1x Adhesive Set	B28/000-8

Attention:

For right-hand drive vehicles, a different holder is required for the control unit.
The holder has a new position.
The installation is shown on pages 17-19.

1x Holder RHD Power Xtra Control Unit 465-730-001_RHD

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.

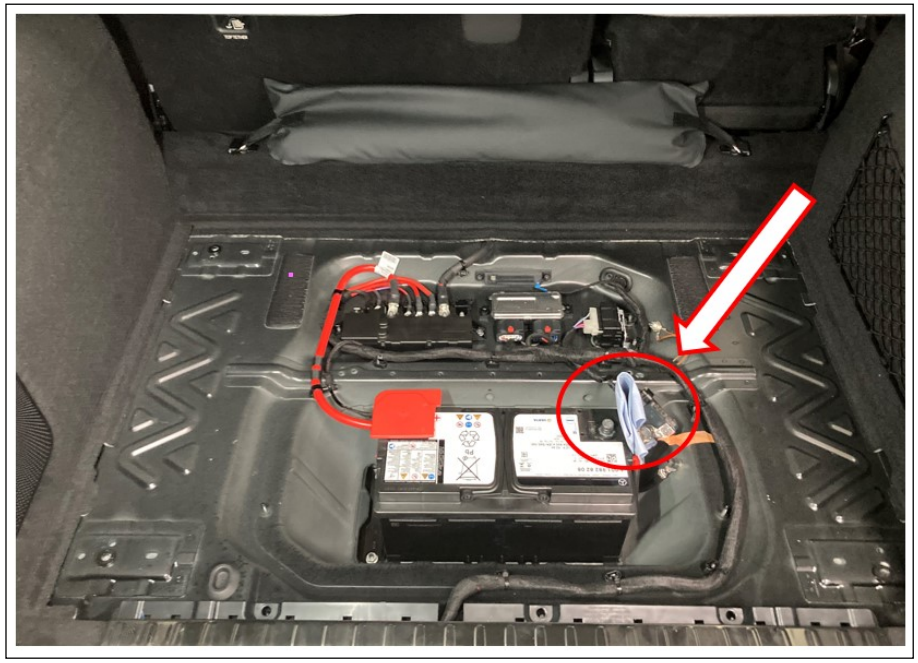


- Prior to assembly check the completeliness of the delivery content. Urgently regard to the Mercedes-Benz guidelines during disassembly of standard vehicle components.

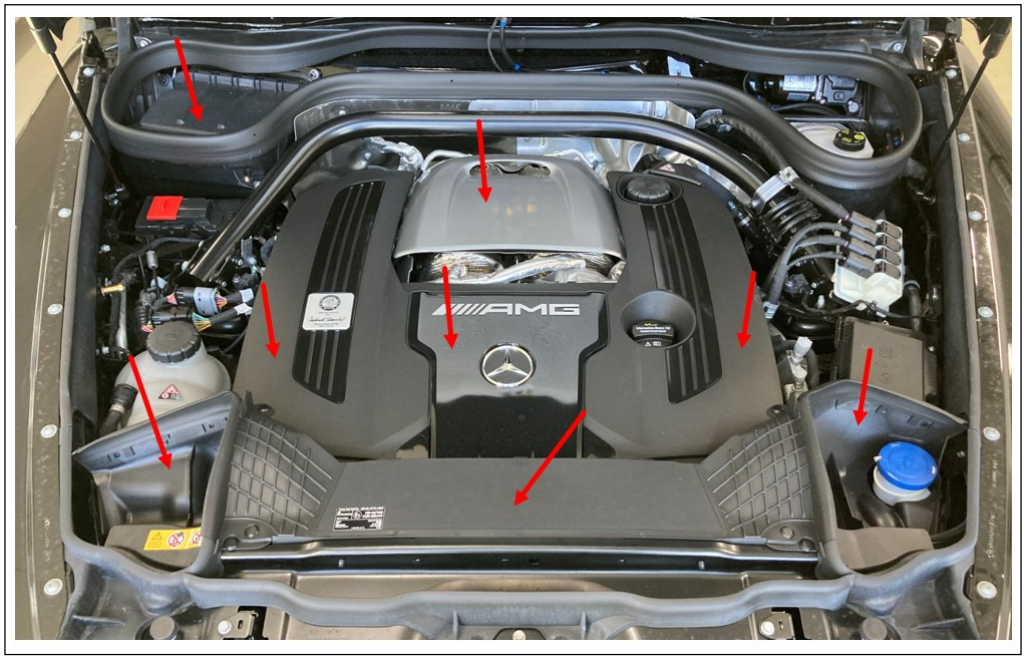
Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDAT

Preparation:

- ATTENTION: Disconnect the ground cable from the vehicle battery under the trunk cover!



Disassemble the covers within the engine bay marked red below.

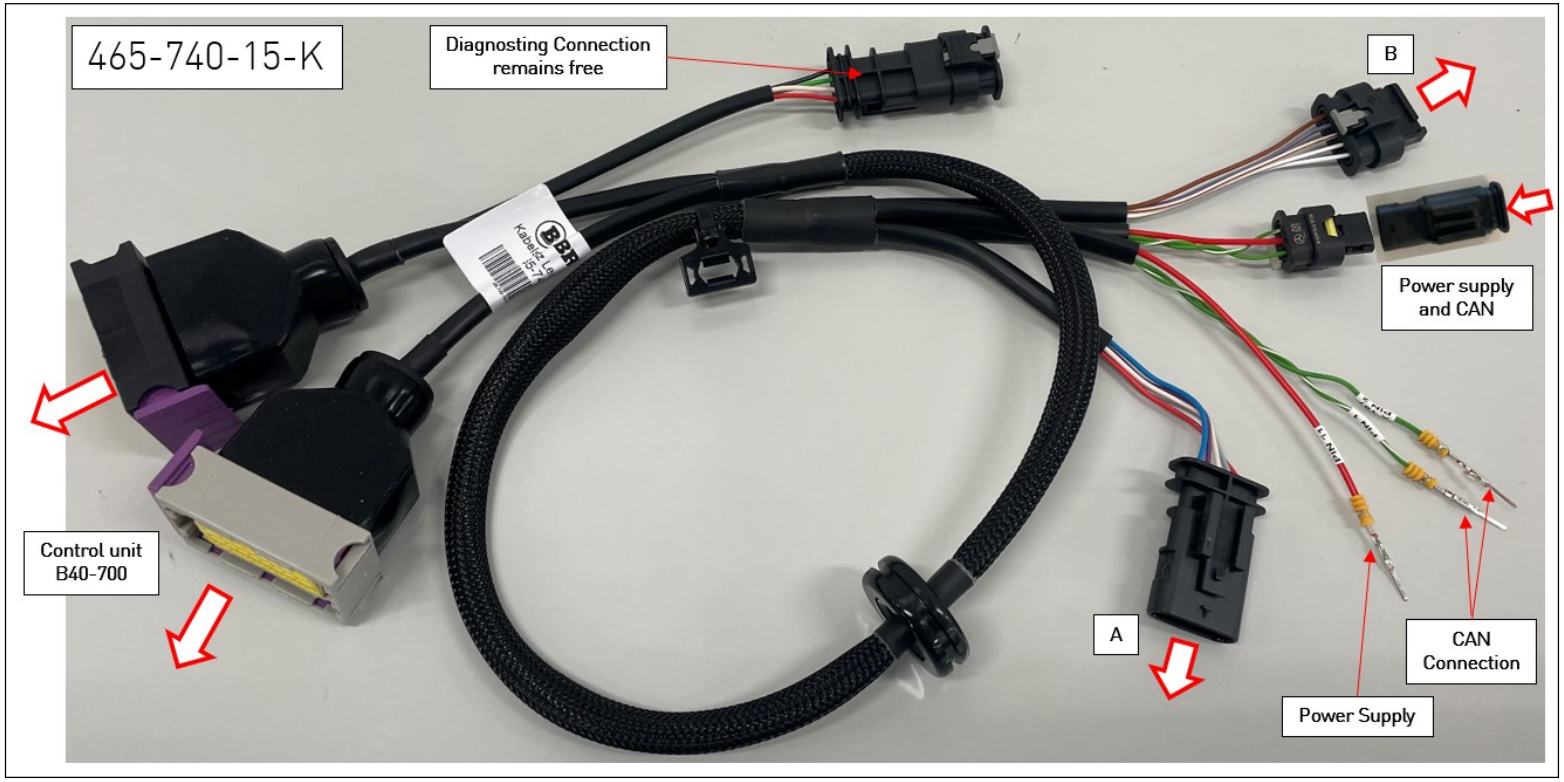


Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDA

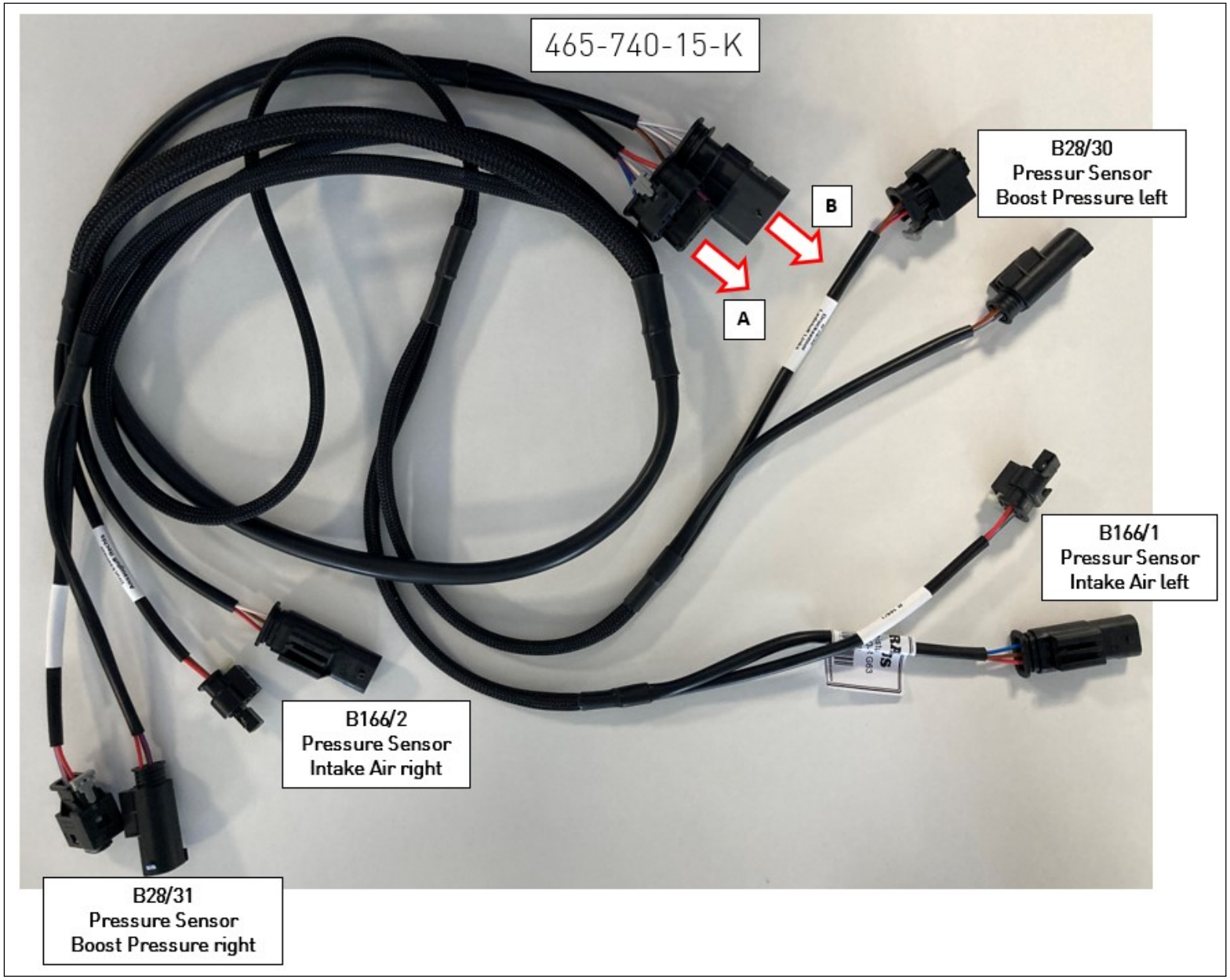
Electricial Connection:

The BRABUS control unit B40-700 may only be connected after all components have been wired up!



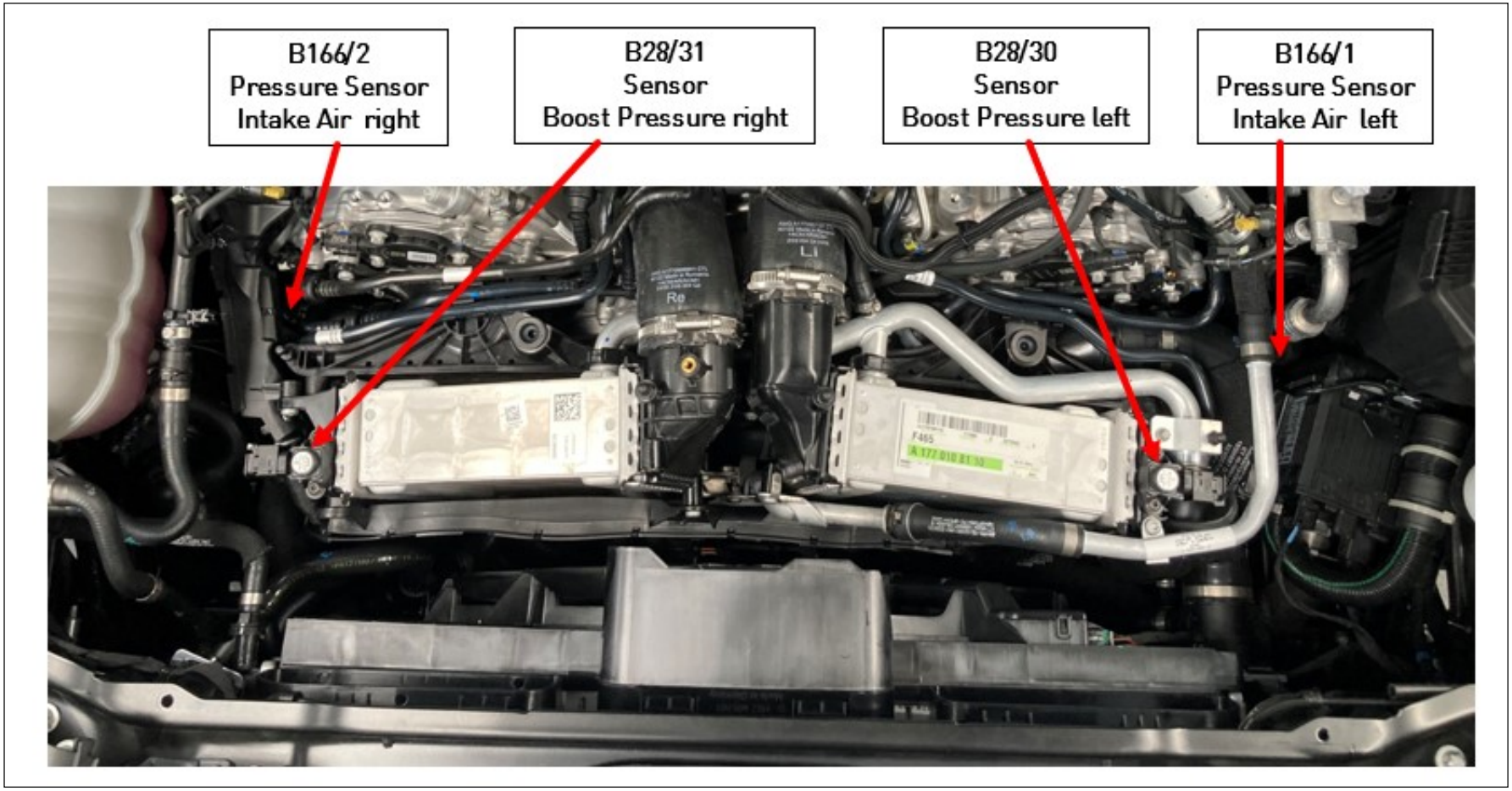


Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDM



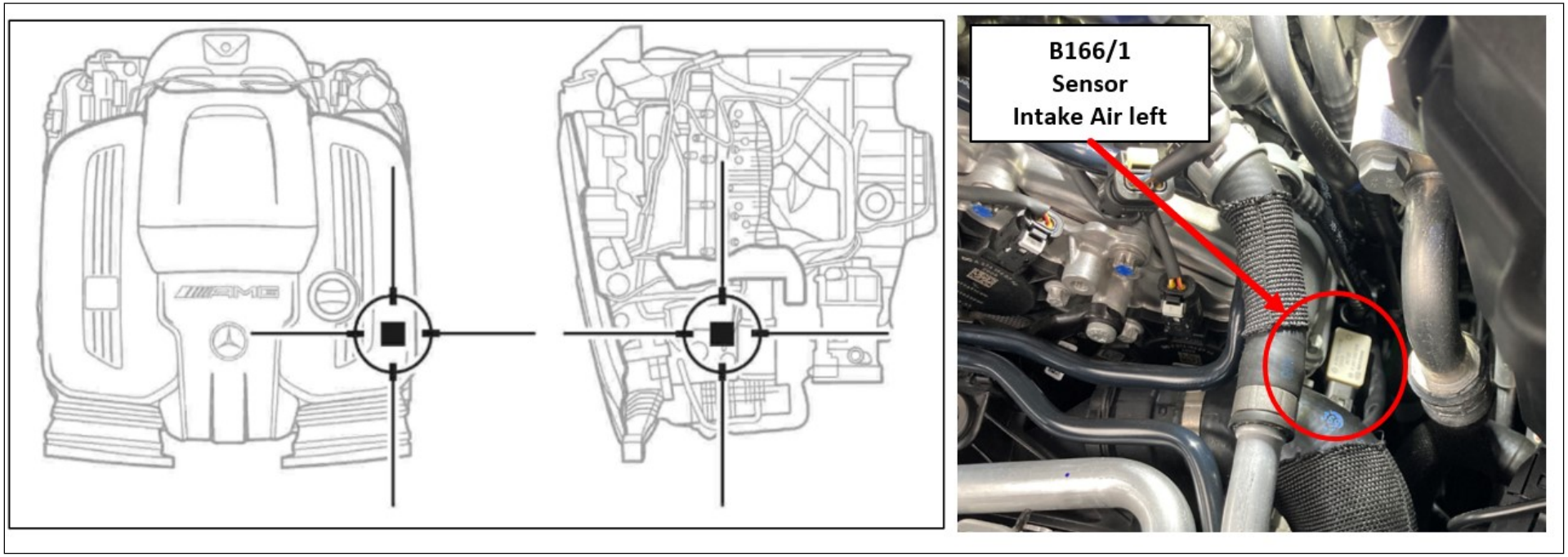
Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDN

Position of the Sensors:

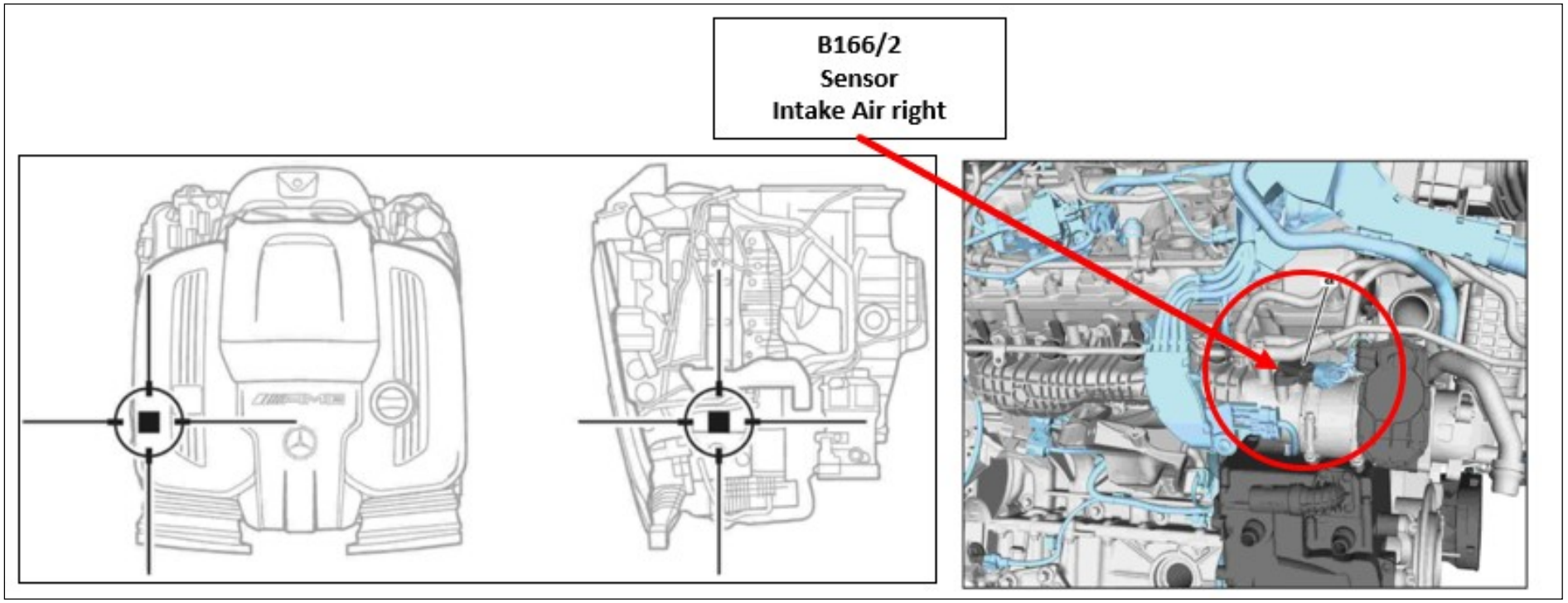


Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDA

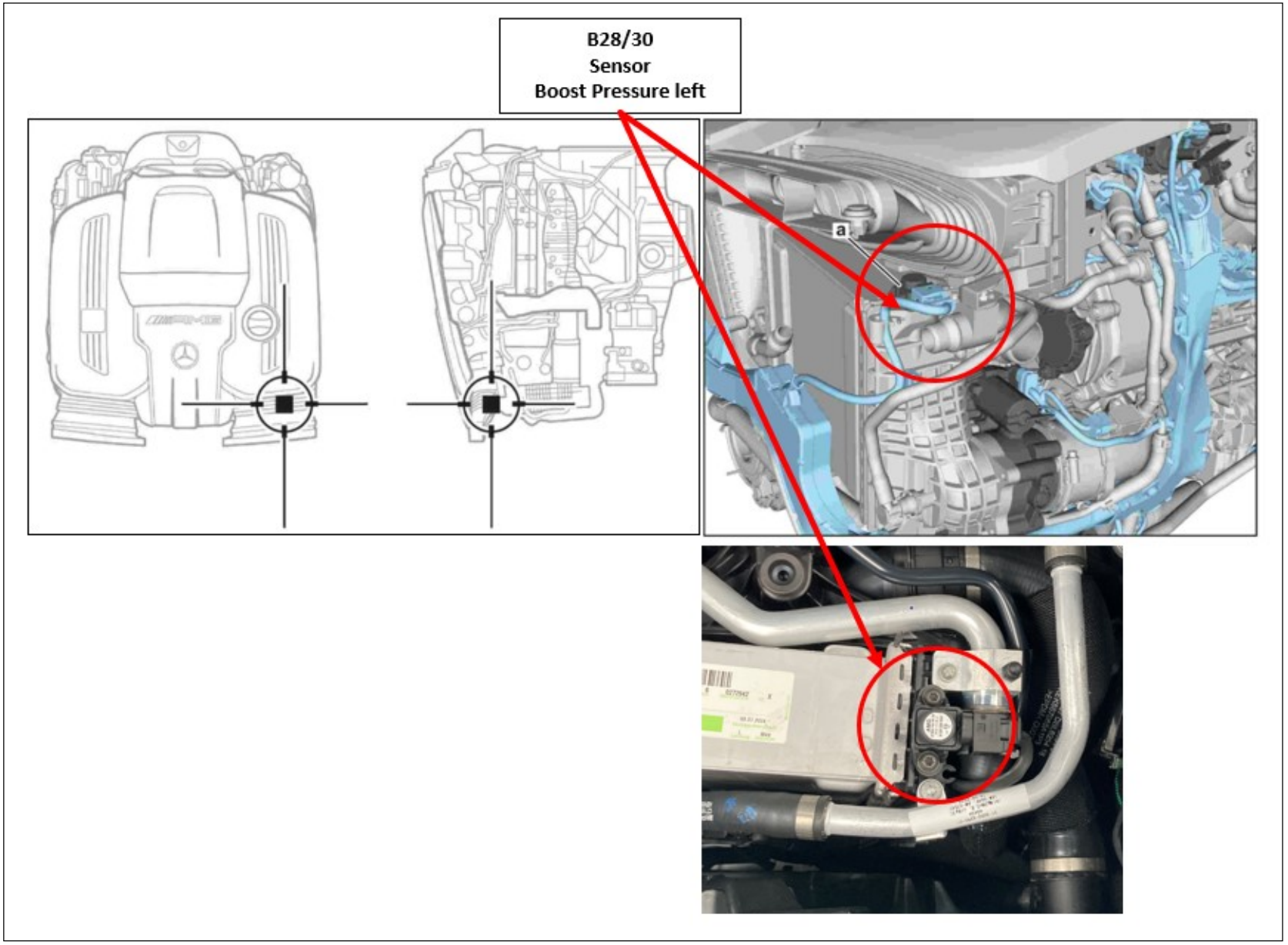
- Lay the BRABUS wiring harness to the sensors at suitable points and secure it to the original wiring harness with cable ties.
- Disconnect the sensor plugs and connect them to the corresponding sockets on the BRABUS wiring harness.
- Now connect the free plugs of the BRABUS wiring harness to the corresponding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



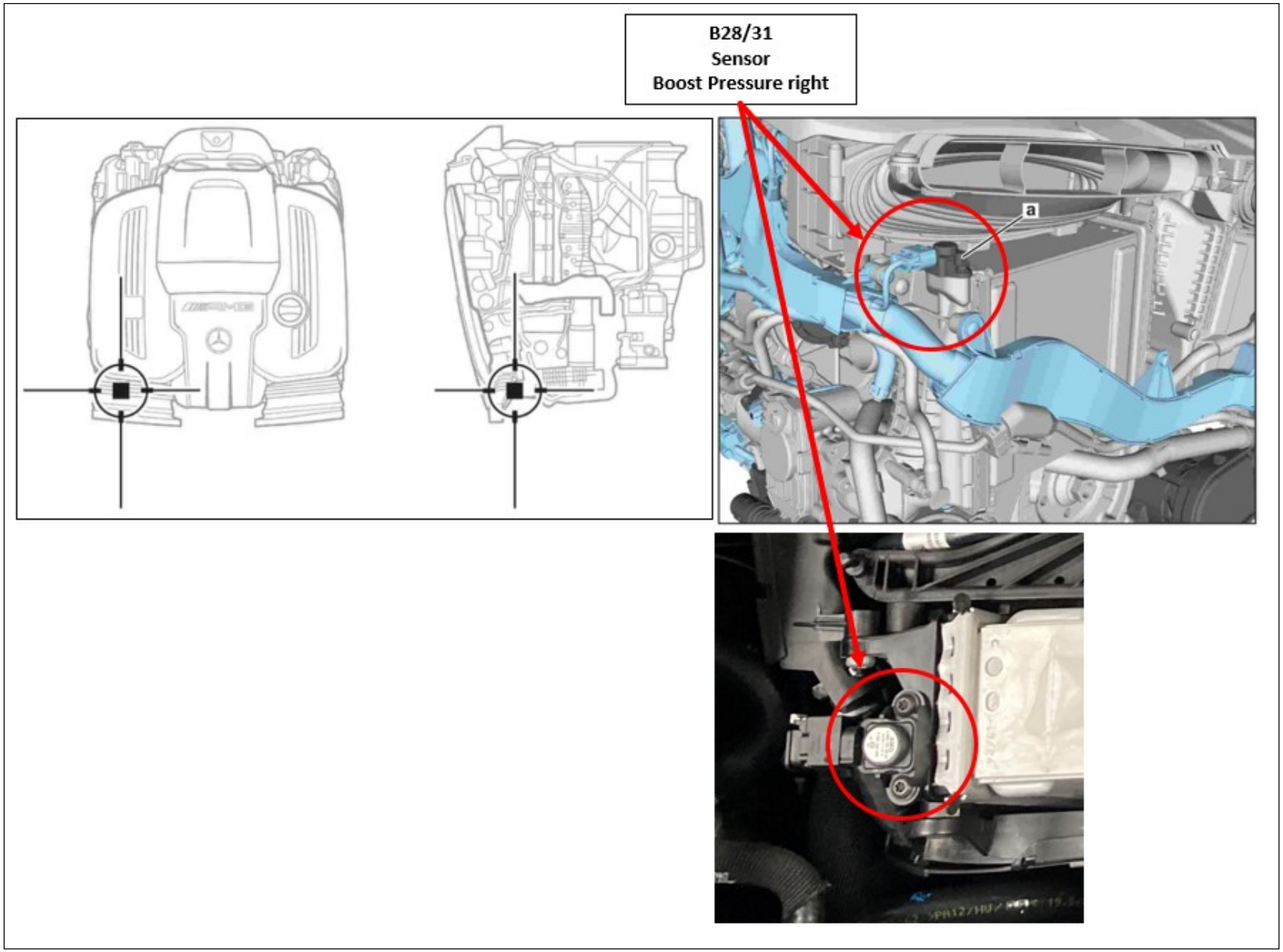
Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDA



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



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



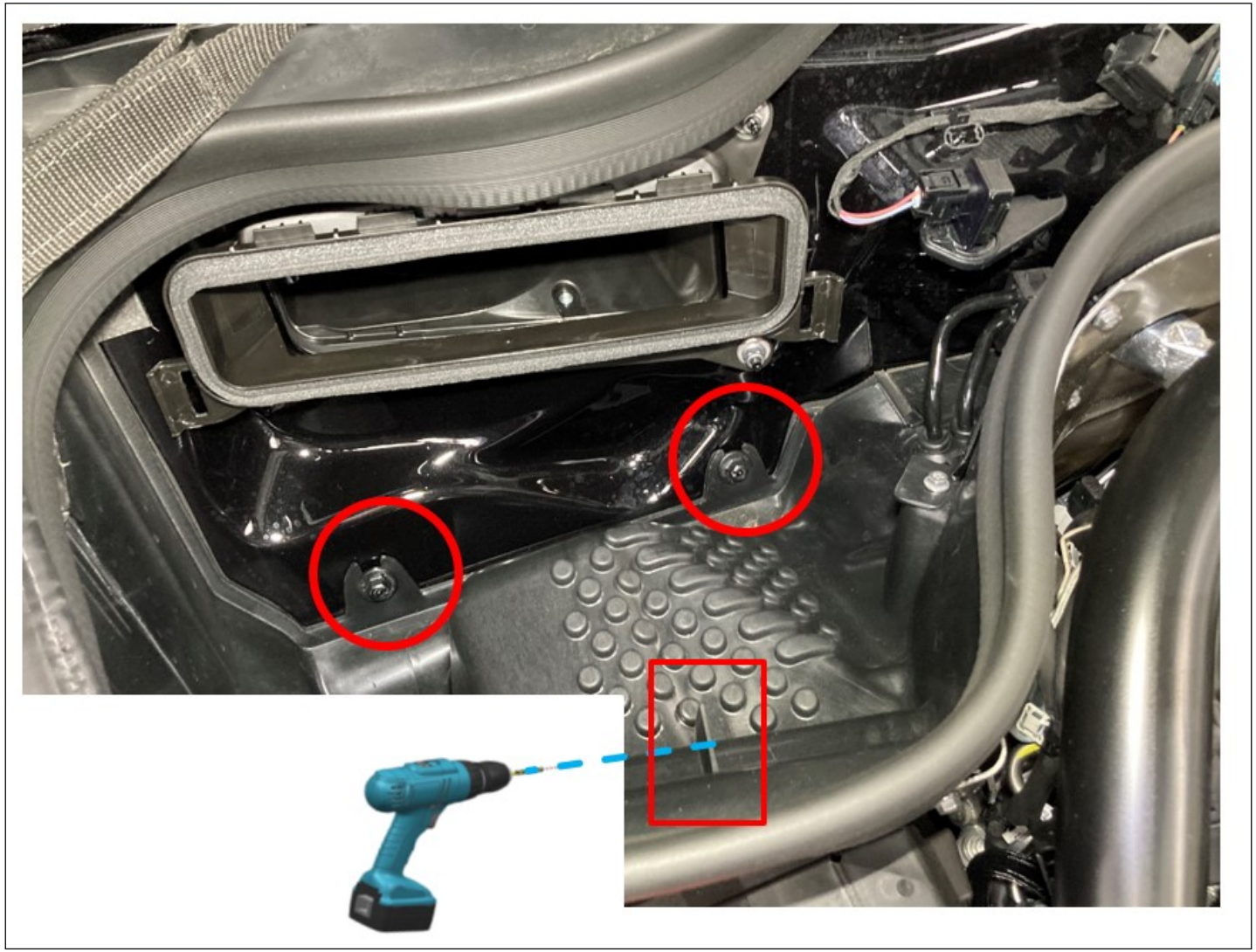
Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDA

Position:



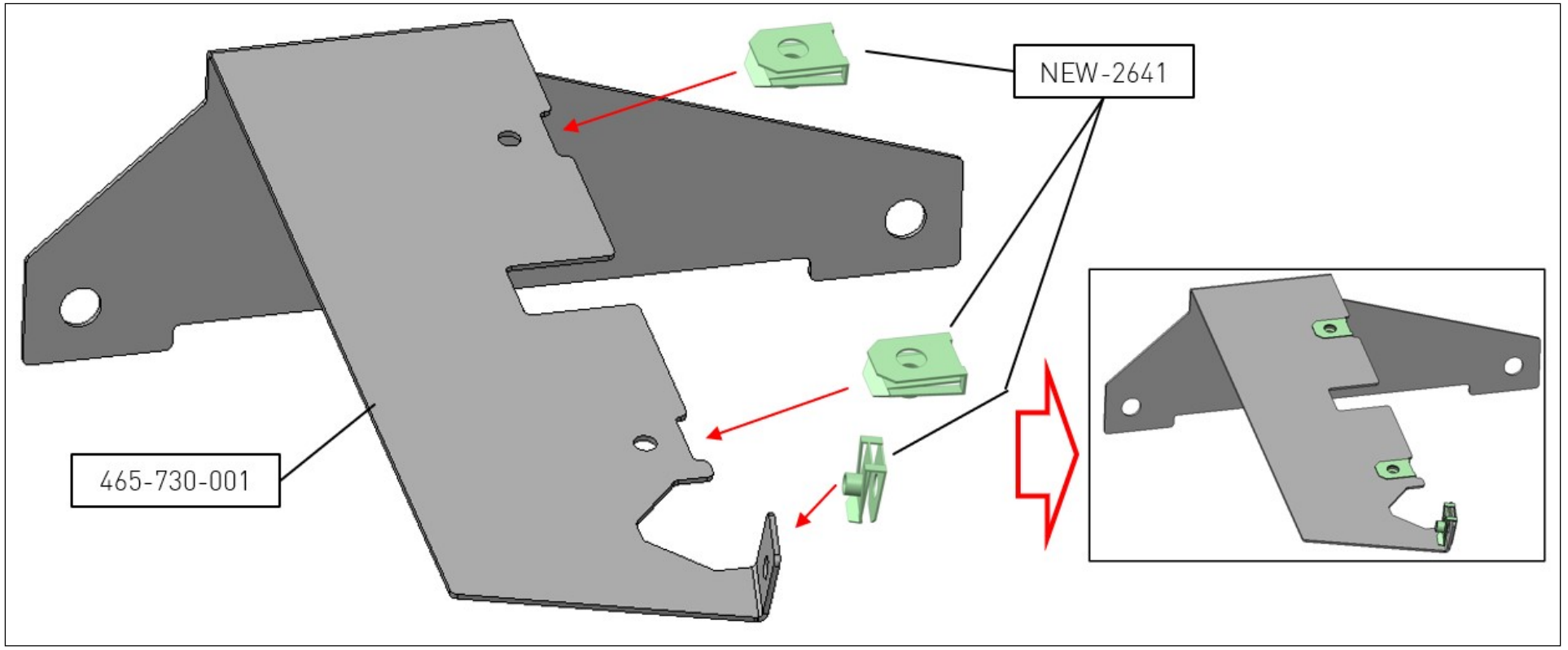
Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDA

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



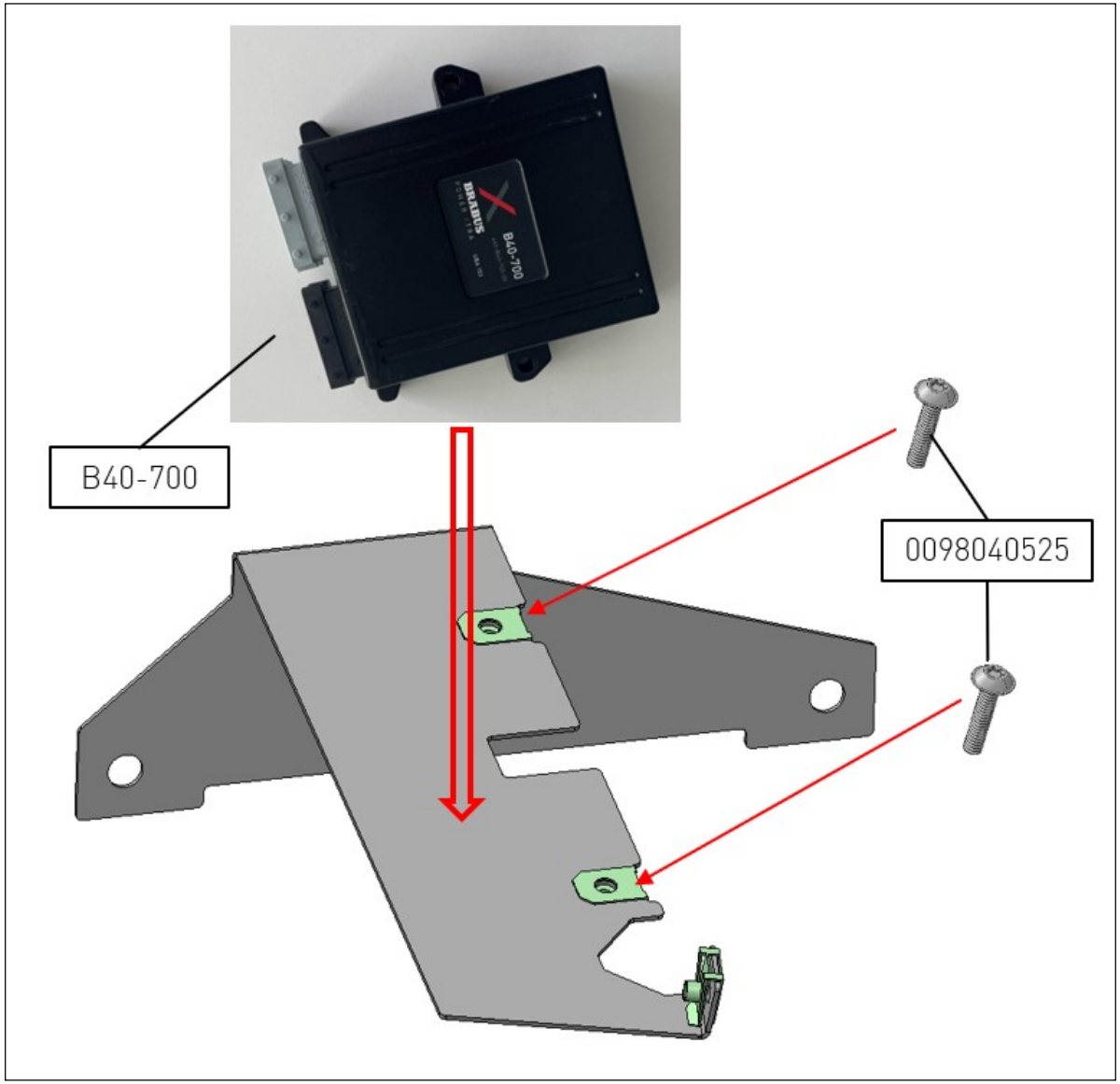
Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDA

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



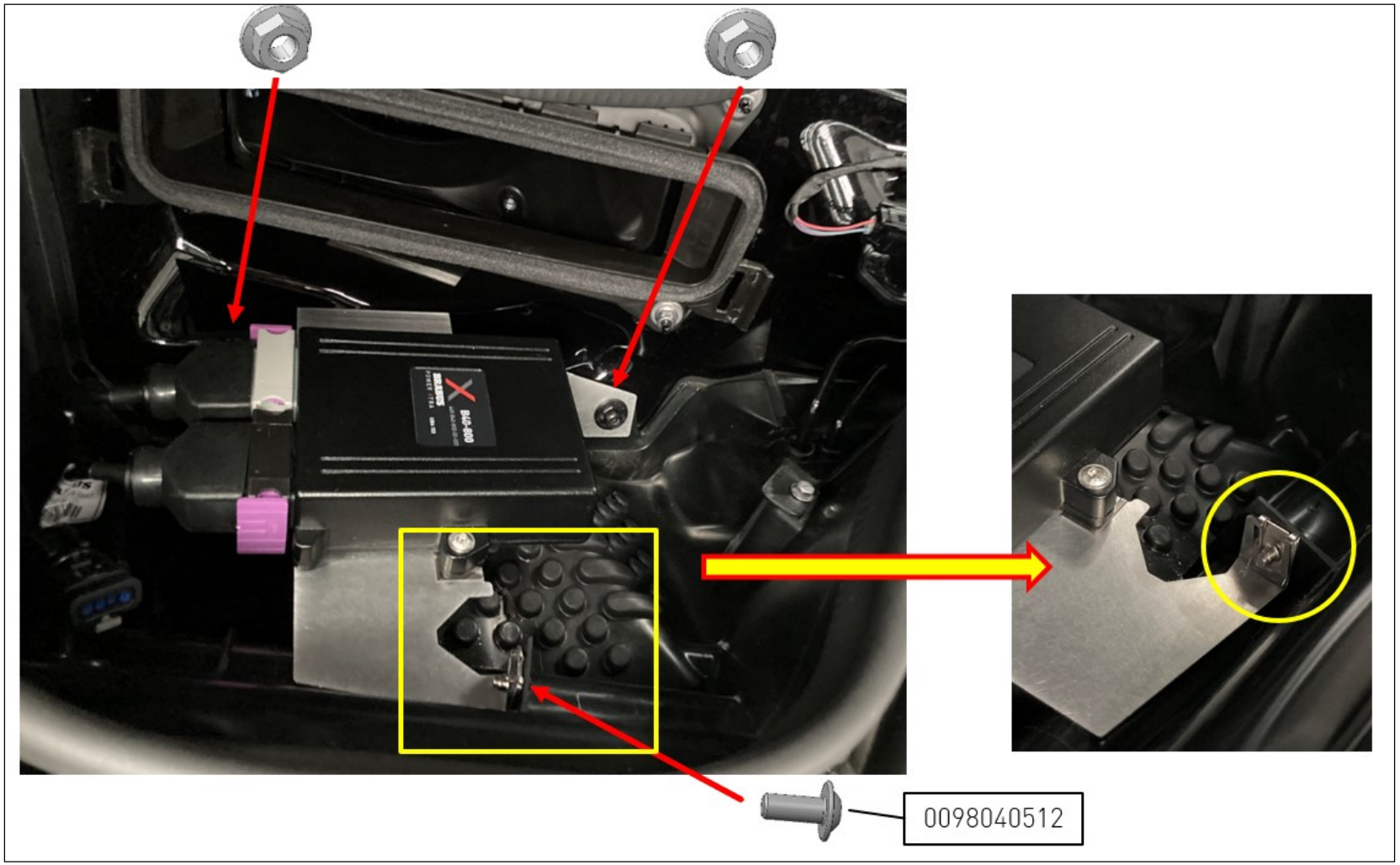
Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDN

- Screw the control unit (B40-700) to the retaining plate 465-730-001 using the two screws (0098040525).



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

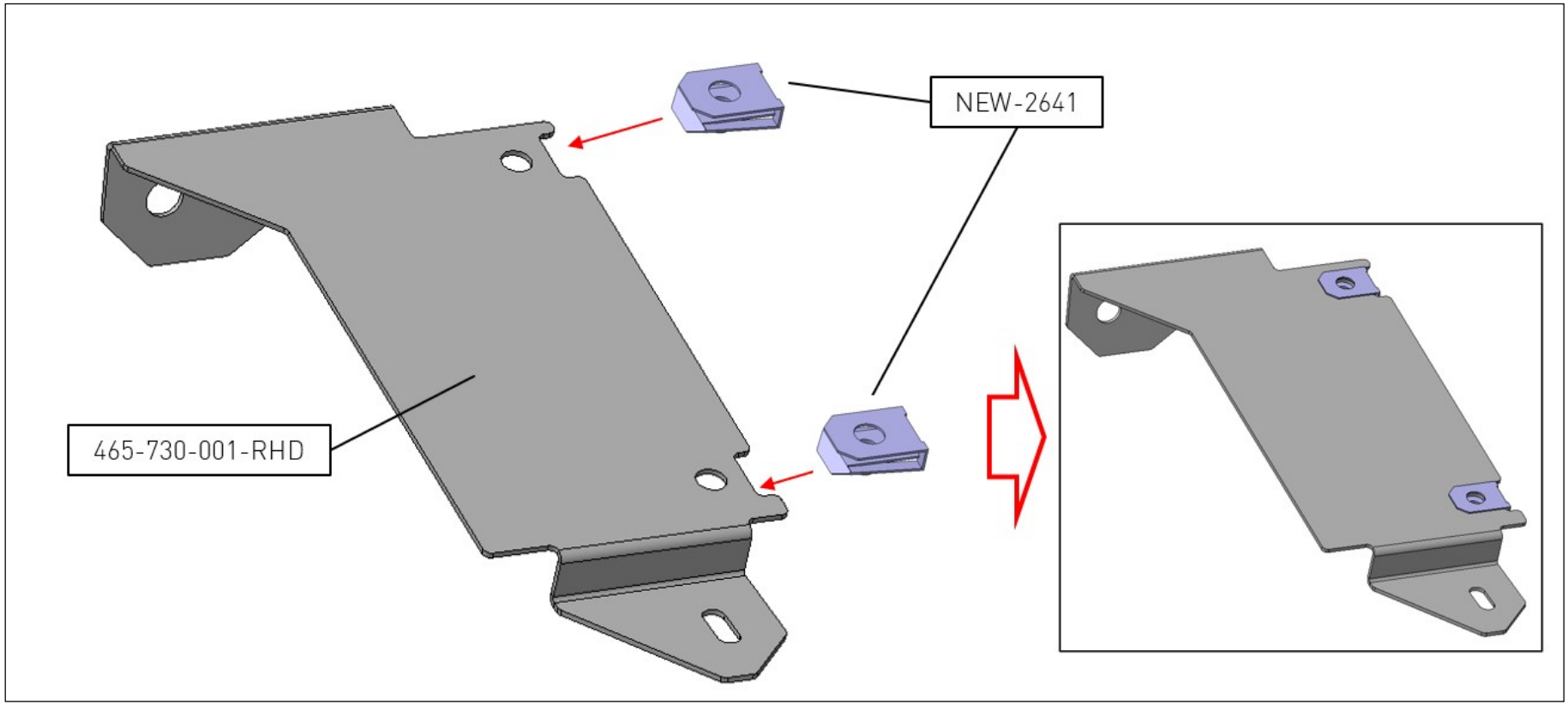
- Screw the bracket to the vehicle using the two previously removed nuts.
- Fasten the bracket in the front area to the original plastic trim using the screw (0098040515).
- The BRABUS control unit B40-700 may only be connected after all components have been wired up!



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

- Place the 2 sheet metal nuts (NEW-2641) on the retaining plate 465-730-001-RHD.

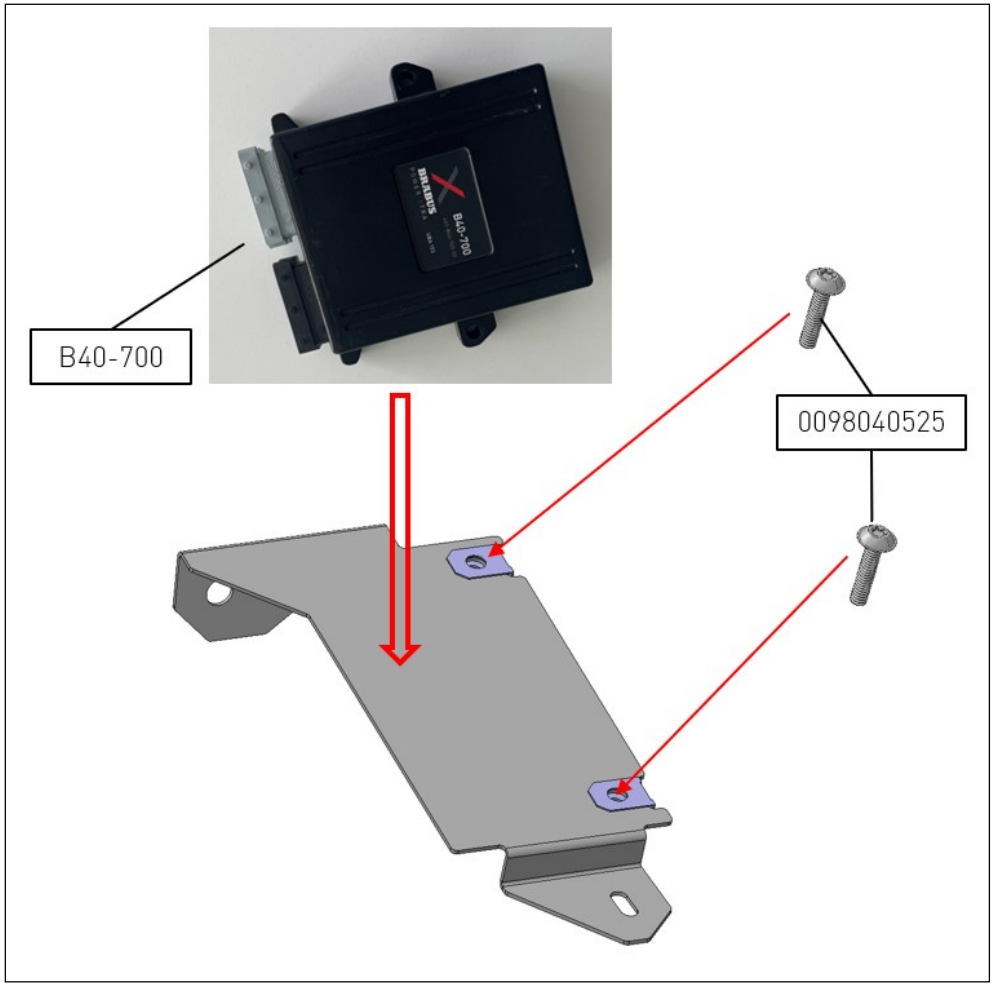
only RHD



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

- Screw the control unit (B40-700) to the retaining plate 465-730-001-RHD using the two screws (0098040525).

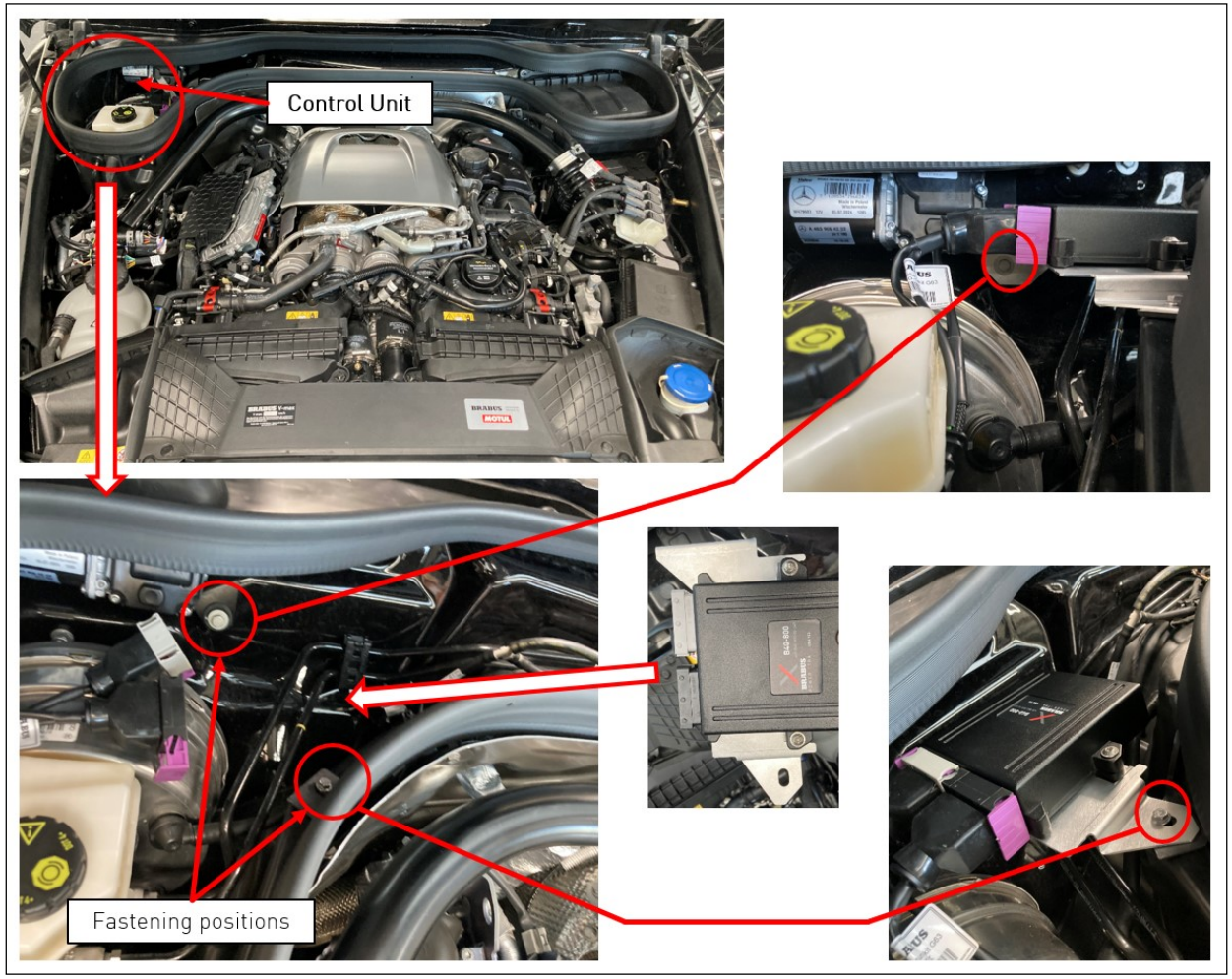
only RHD



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

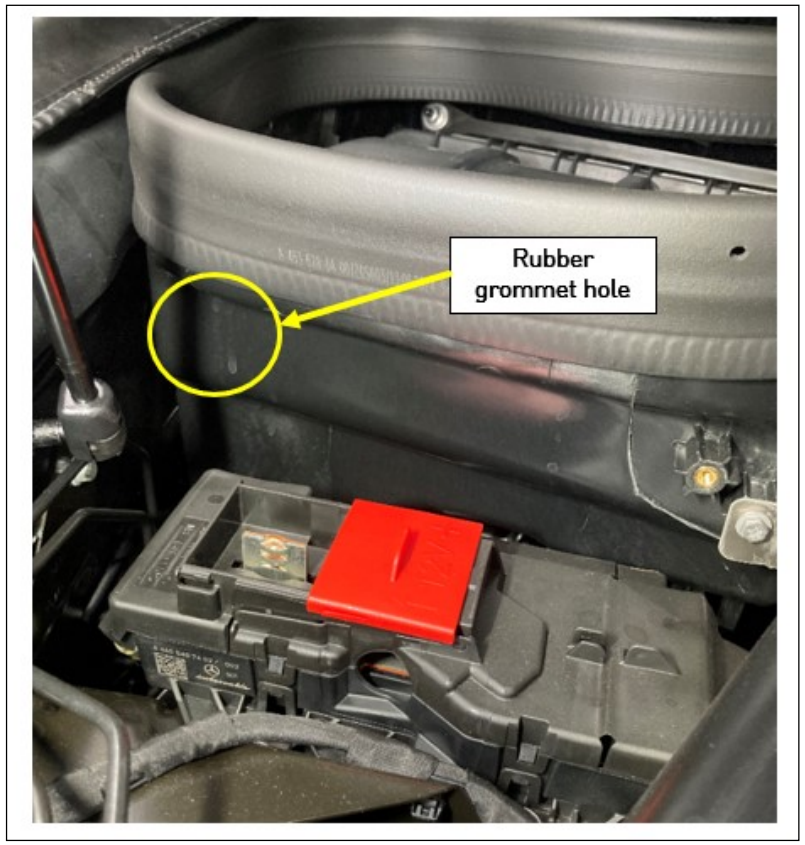
- Screw the holder in place with the two original screws at the position shown in the diagram.
- The BRABUS control unit B40-700 may only be connected after all components have been wired up!

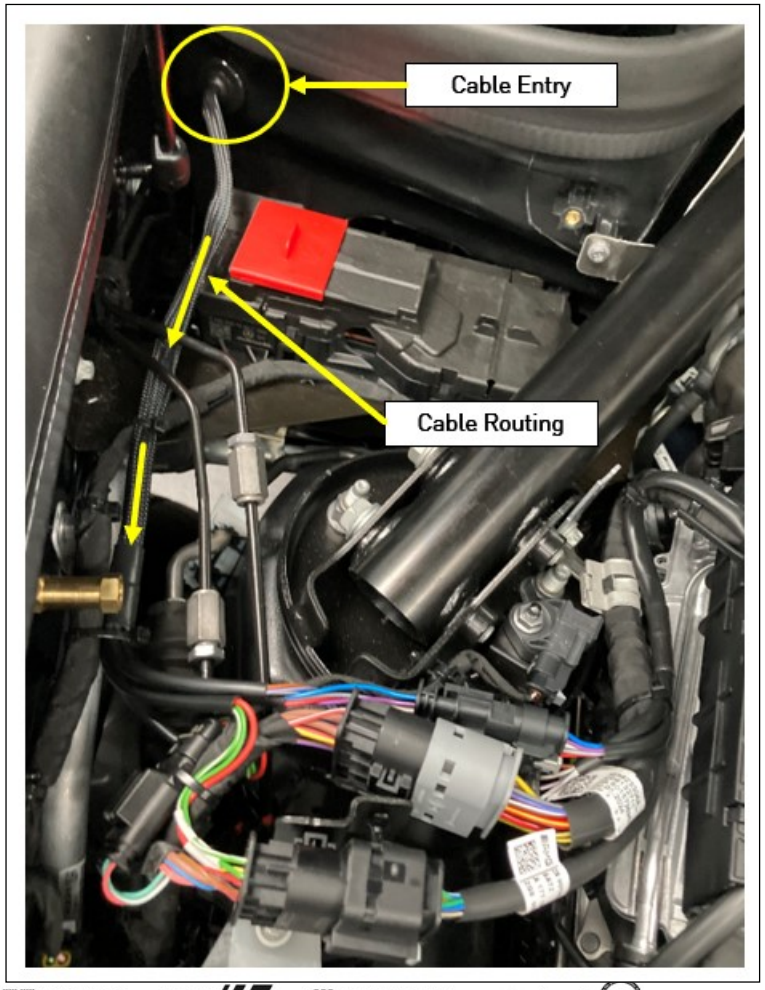
only RHD



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

- 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.



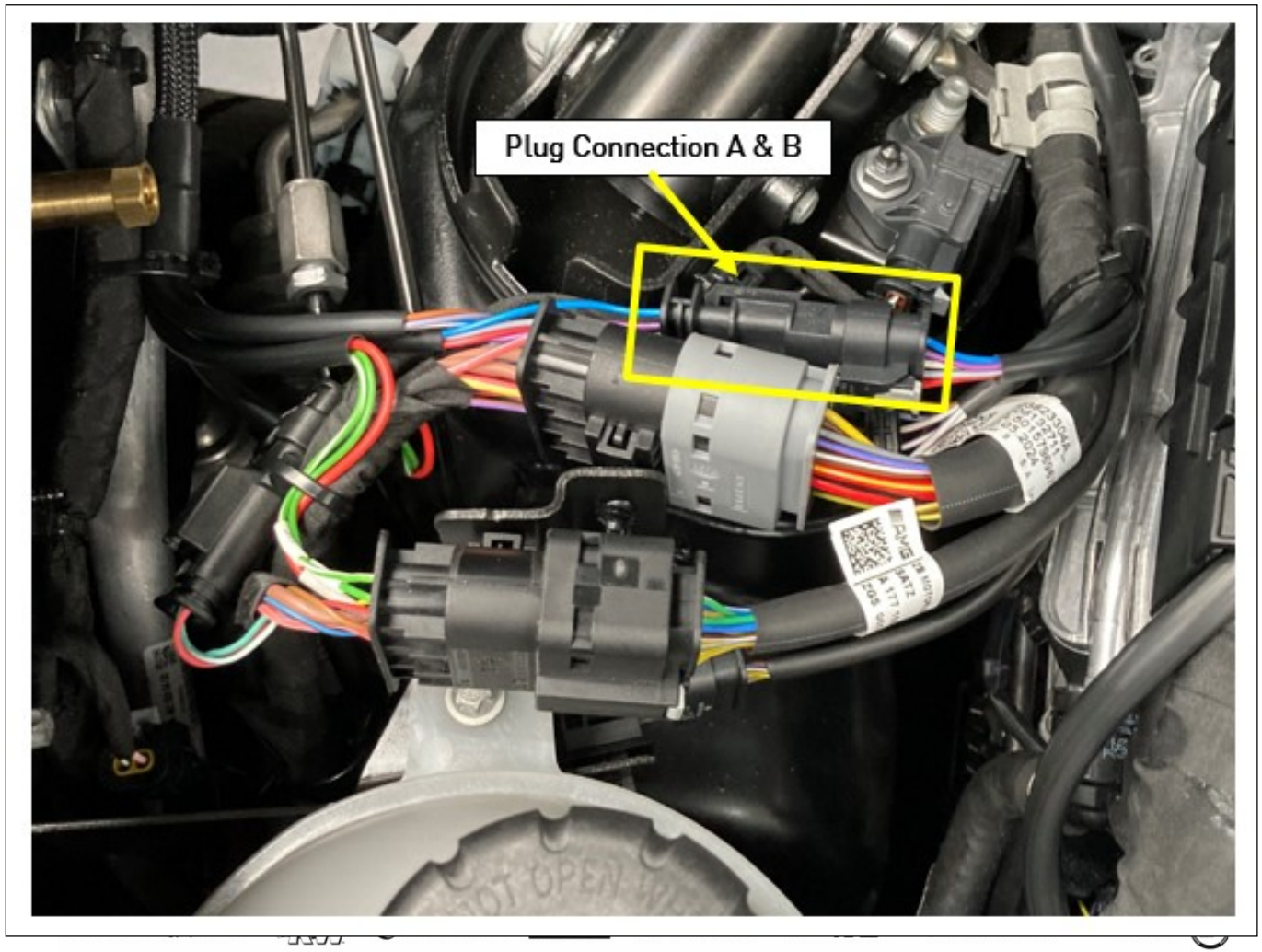


Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDA

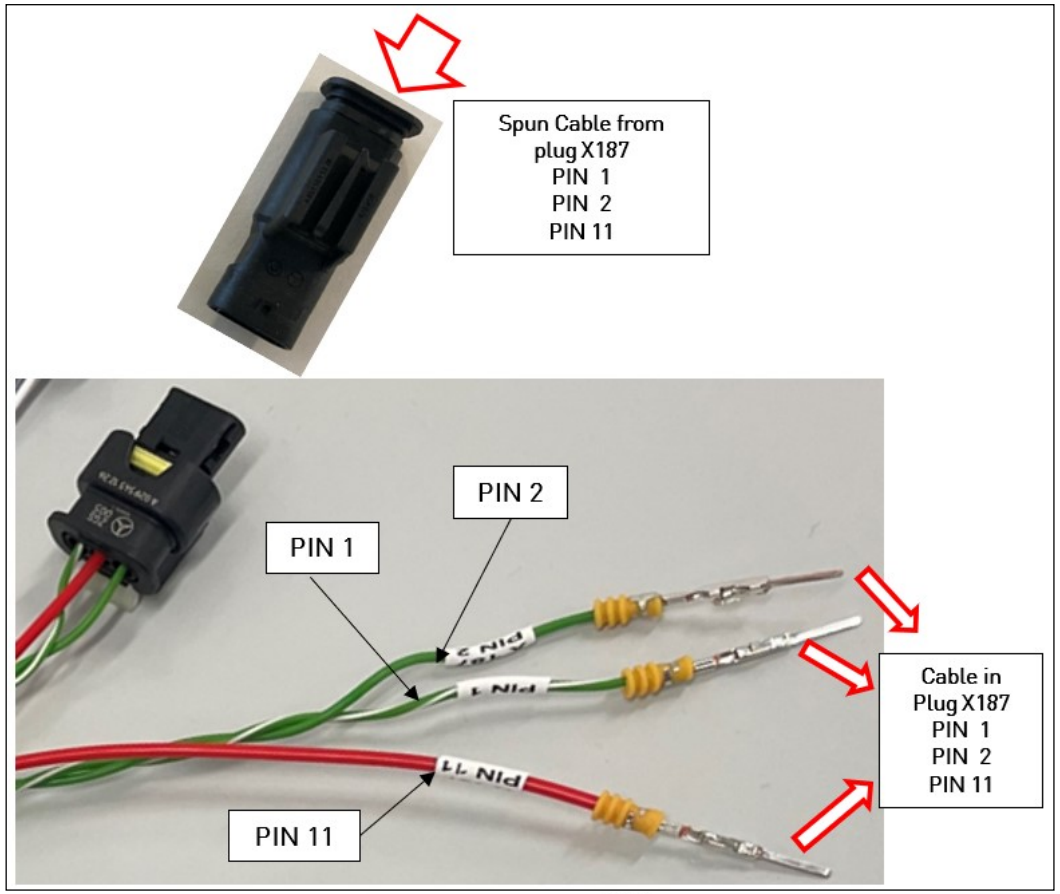
- Make sure to disconnect the battery.

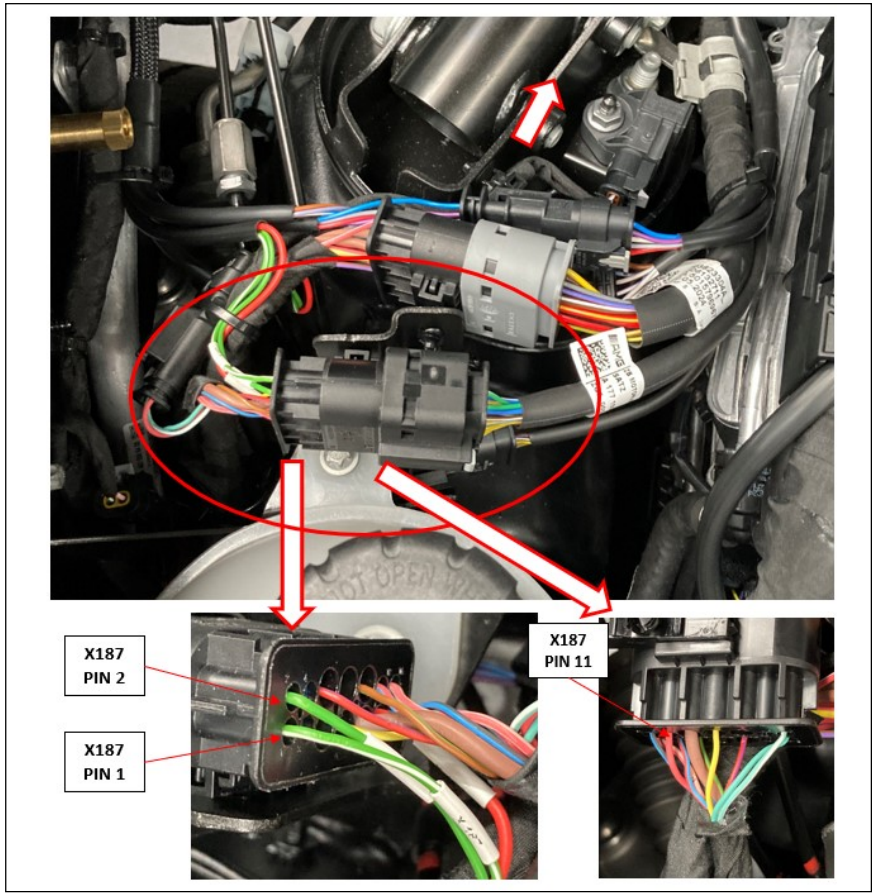
- Connect the cable set / control unit to the sensor cable set (connectors A & B).

- Secure the cable set with cable ties at suitable points.



- Re-pin the connections individually to avoid contact between the loose cable ends!
- Pin the following cables to connector X187: 1 (green-white), 2 (green) and 11 (red).
- Insert the pinned wires into the black connector and connect it to the connection on the BRABUS wiring harness. (Make sure the colors match)
- Pin the 3 loose cable ends of the BRABUS wiring harness into connector X187 of the Mercedes wiring harness according to the labeling.

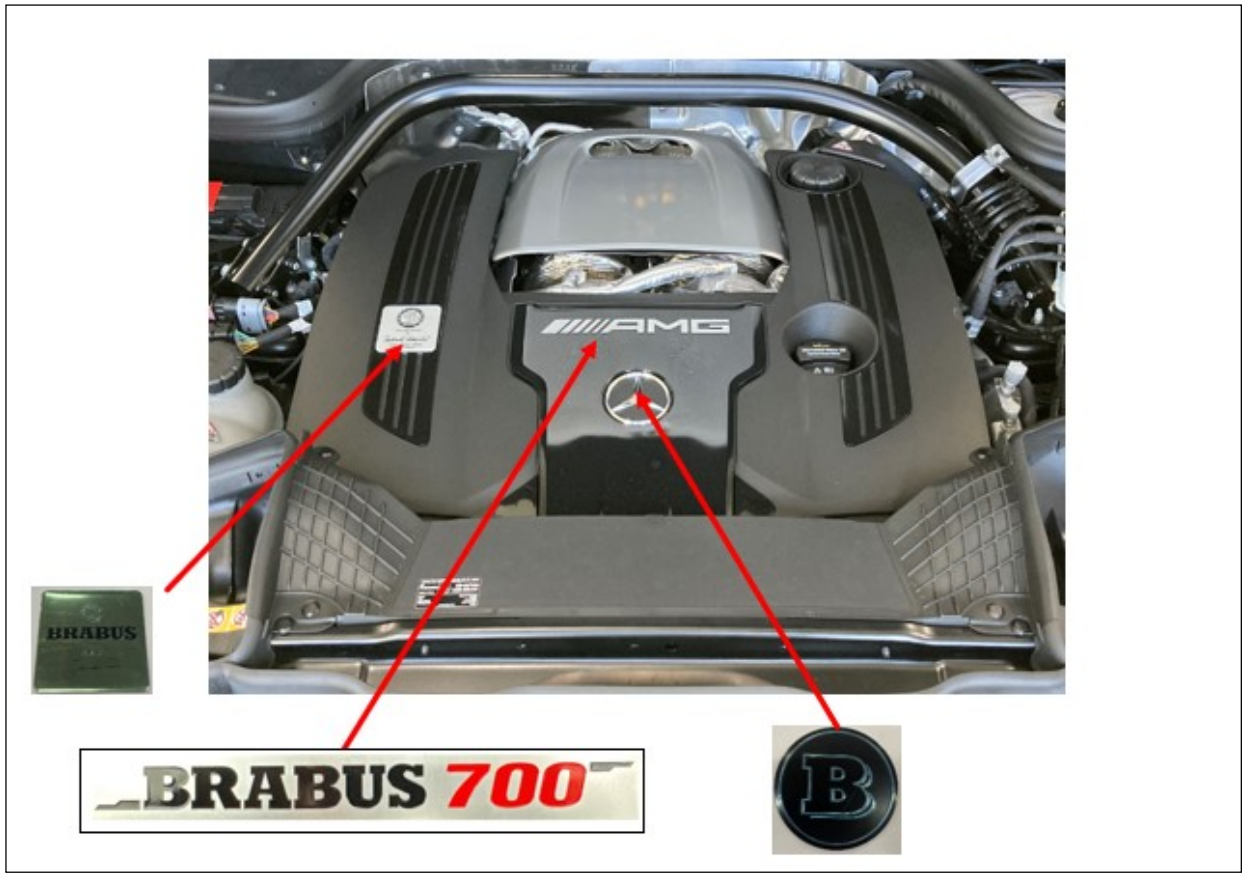




Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDA

Mounting positions of the emblems and design covers:

- Remove AMG badges, carefully clean and degrease all adhesive areas, glue Brabus lettering and emblems to the engine cover using the PU adhesive provided. Fix with suitable means until the adhesive has finally hardened after alignment.



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

- 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