BRABUS Basic Kit PDM Adventure for W465
Partnumber 465-PDM-AD

BRABUS

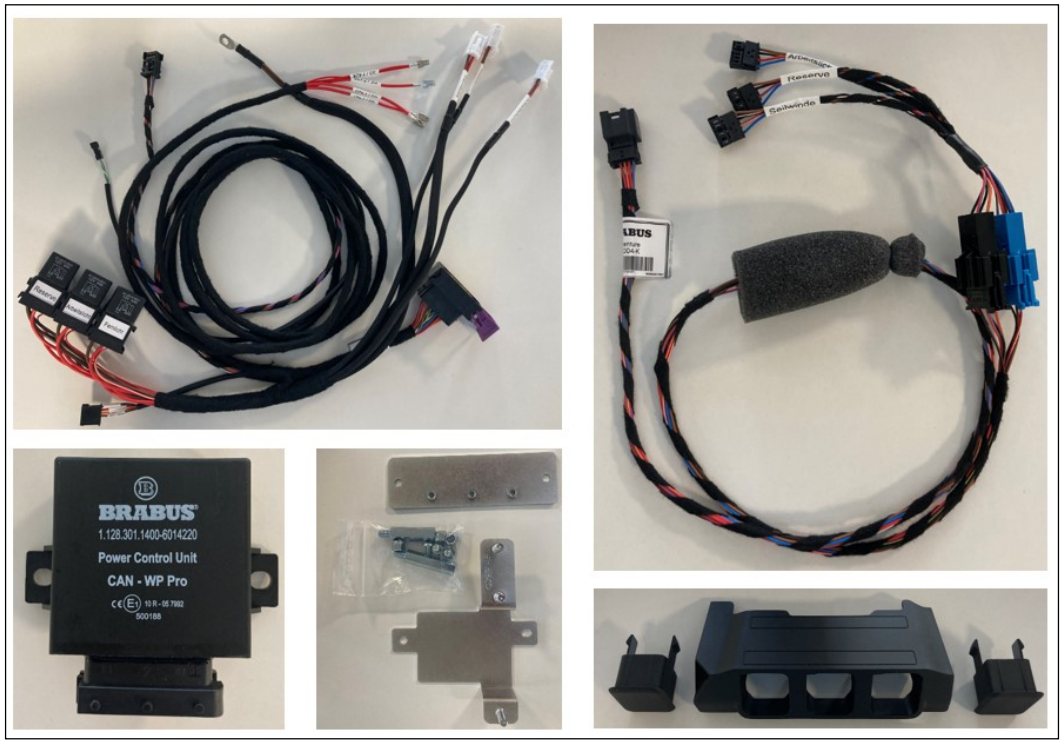
Installation Guide

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.
There fore you have to read and completely understand these instructions.
Check the content of the parts supplied prior to installation.

Included in delivery BRABUS:

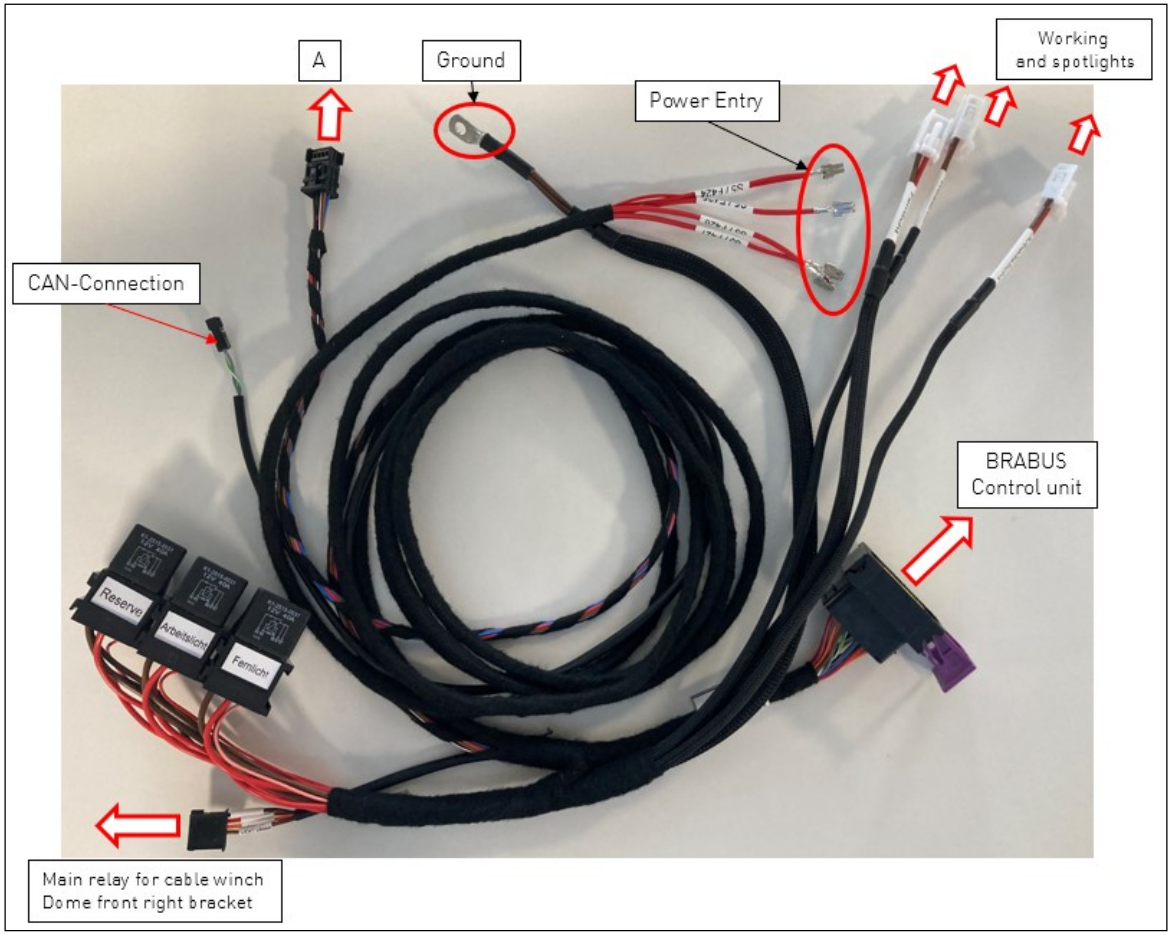
1x Switch panel	465-356-001
1x Cable set	465-356-004-K
1x Control unit PDM-Adventure	465-PDM-04
1x PDM holder	465-356-002
3x relay holder	465-356-003
1x Washer	04076
1x Spacer M6x35	1071025
1x Spacer M6x40	1071033
3x Nut self-locking	03719846
3x Screw	117058

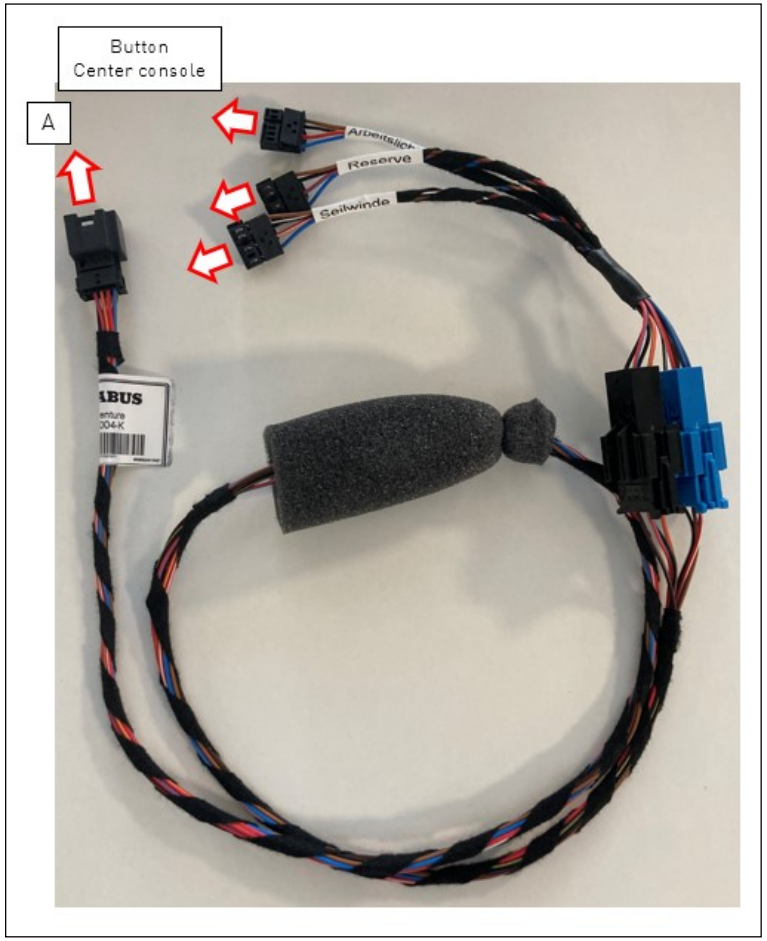
The BRABUS Power Distribution Module (PDM) supplies some BRABUS Adventure components that require a power supply. Using the PDM eliminates the need to make separate electrical connections for each additional component (e.g. additional lighting devices). The electrical connections of the respective additional components are simply routed to the PDM and connected to the respective labeled output of the PDM.



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

Electrical Connections :





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

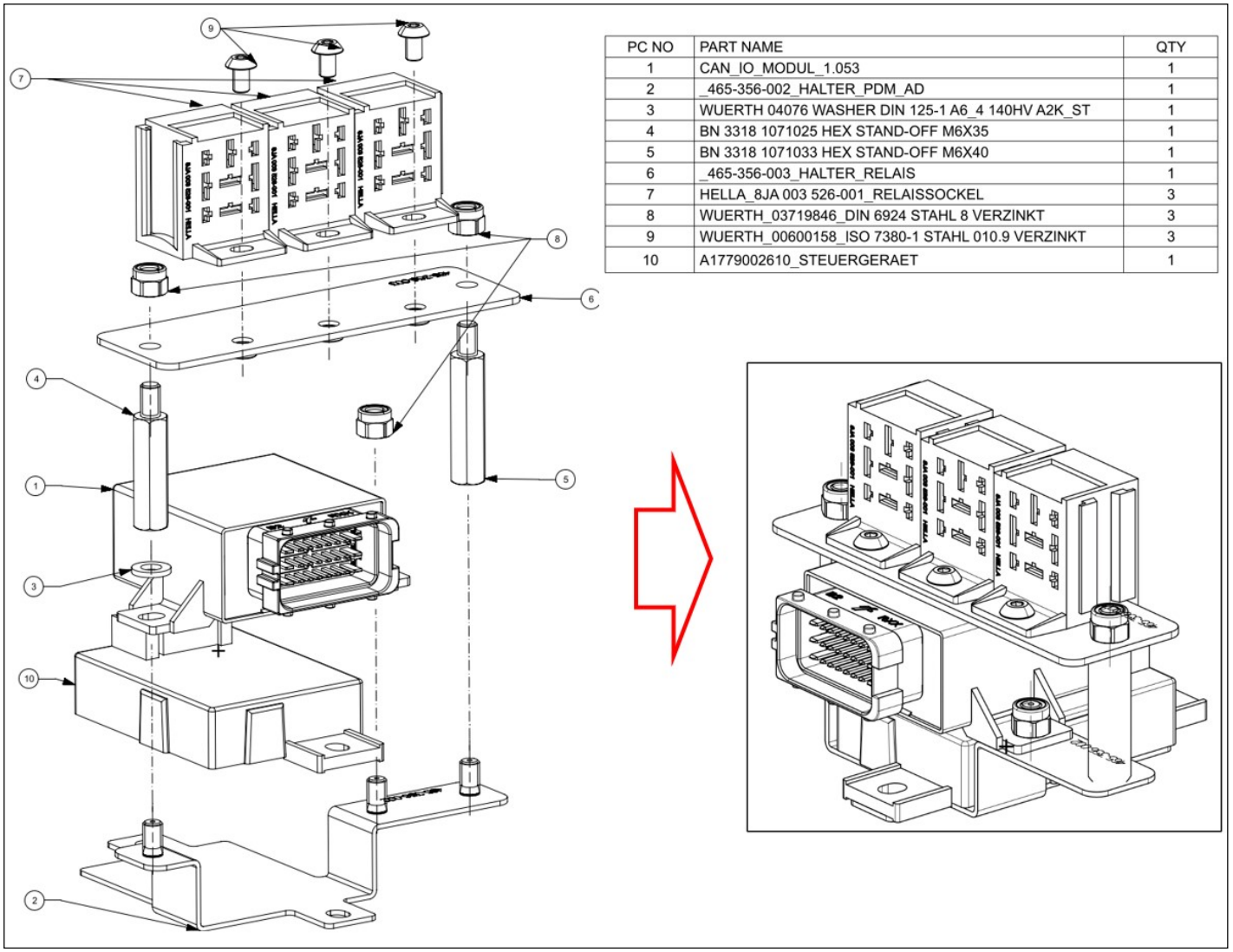
Assembly:

- Carry out the disassembly of the original components in accordance with the Mercedes-Benz workshop information system.
- Remove the glove box, the center console, the door sill on the passenger side and the seat bench.
- Remove the original light module control unit A1779002610, bottom right in the footwell on the A-pillar



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

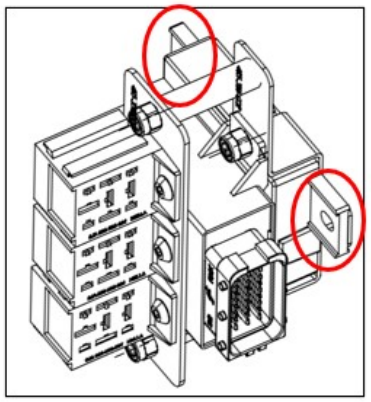
- Screw the original light module control unit, the PDM Adventuere control unit and the relay bases to the holder as shown in the diagram.

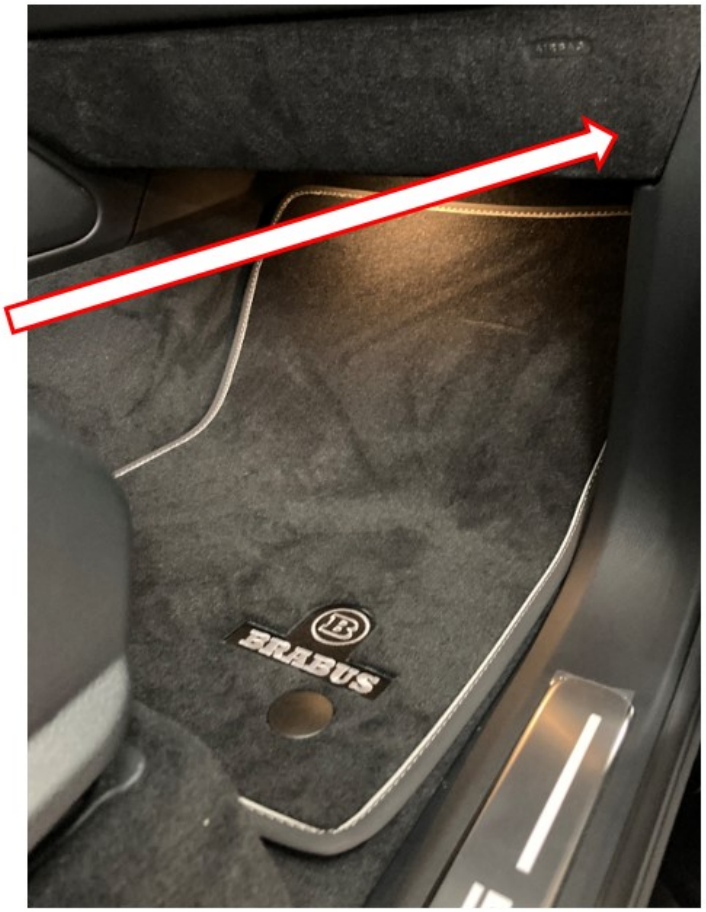


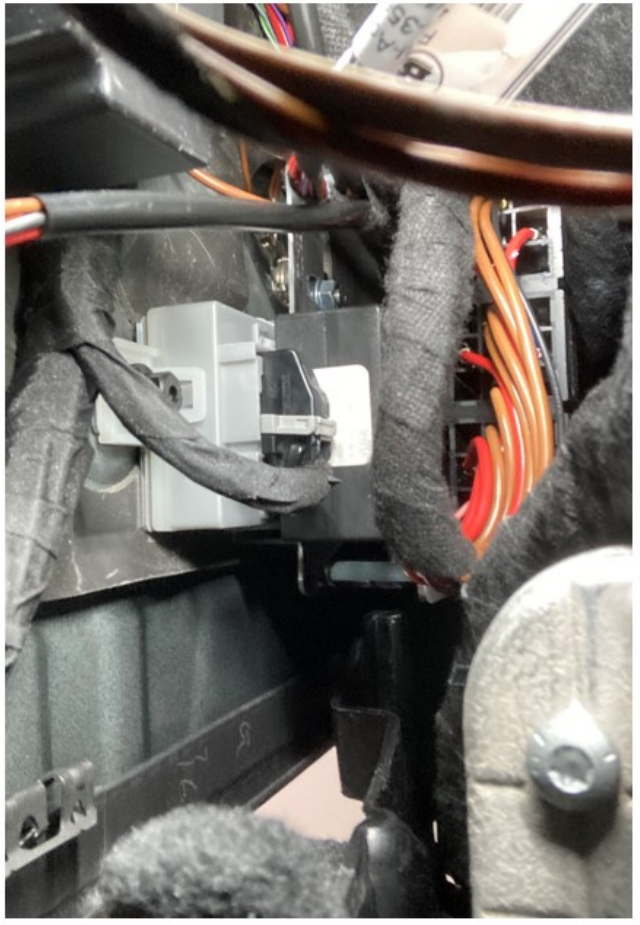
PC NO	PART NAME	QTY
1	CAN_IO_MODUL_1.053	1
2	_465-356-002_HALTER_PDM_AD	1
3	WUERTH 04076 WASHER DIN 125-1 A6_4 140HV A2K_ST	1
4	BN 3318 1071025 HEX STAND-OFF M6X35	1
5	BN 3318 1071033 HEX STAND-OFF M6X40	1
6	_465-356-003_HALTER_RELAIS	1
7	HELLA_8JA 003 526-001_RELAISSOCKEL	3
8	WUERTH_03719846_DIN 6924 STAHL 8 VERZINKT	3
9	WUERTH_00600158_ISO 7380-1 STAHL 010.9 VERZINKT	3
10	A1779002610_STEUERGERAET	1

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

- Connect the PDM-Adventure control unit to the Brabus cable set.
- Reconnect the original light module control unit A1779002610 to the Mercedes wiring harness.
- Screw the BRABUS control unit to the original mounting points of the light module on the vehicle.
- Use the original fastening nuts for this.
- Ensure that the cable set is laid without tension.

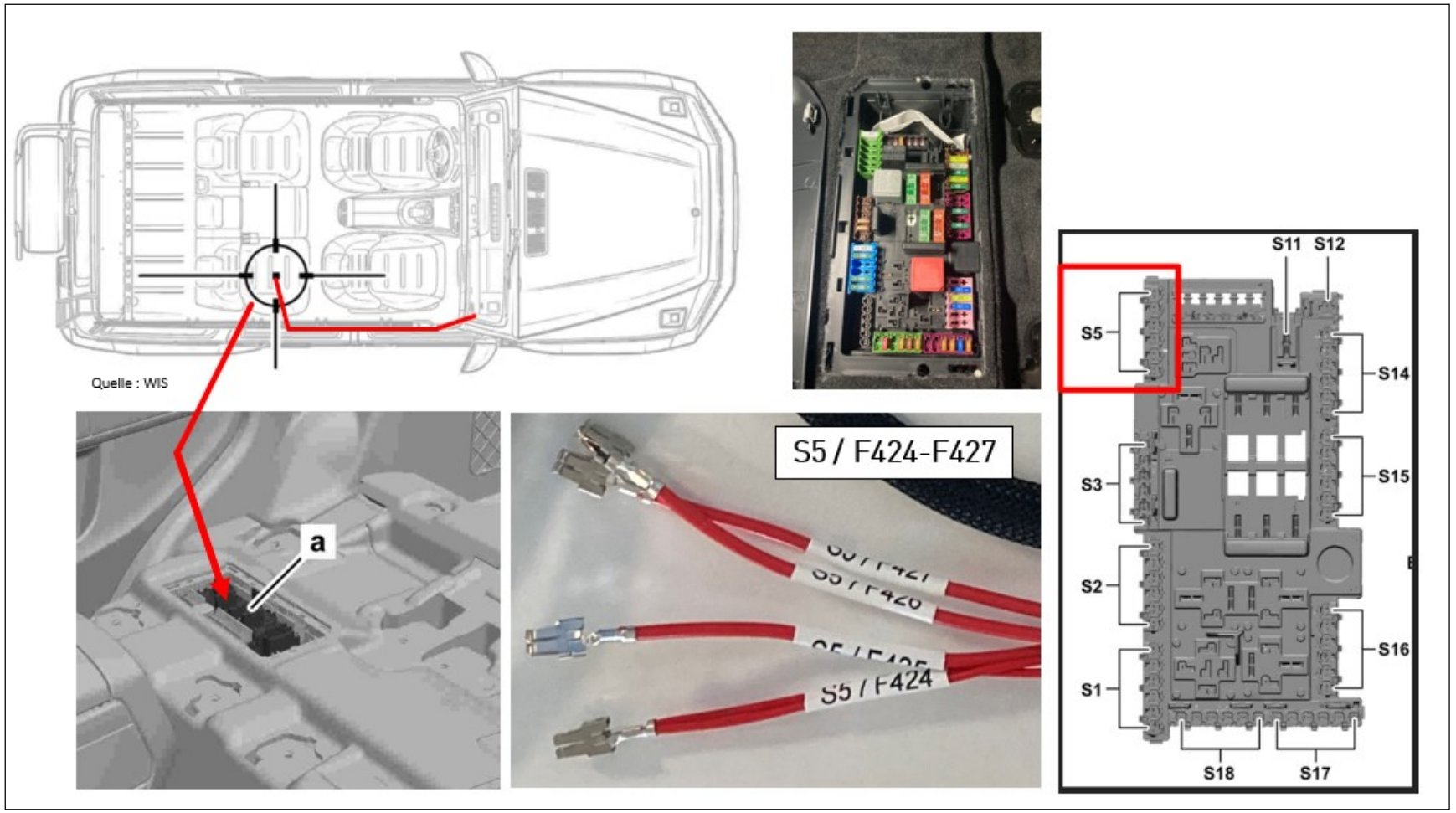






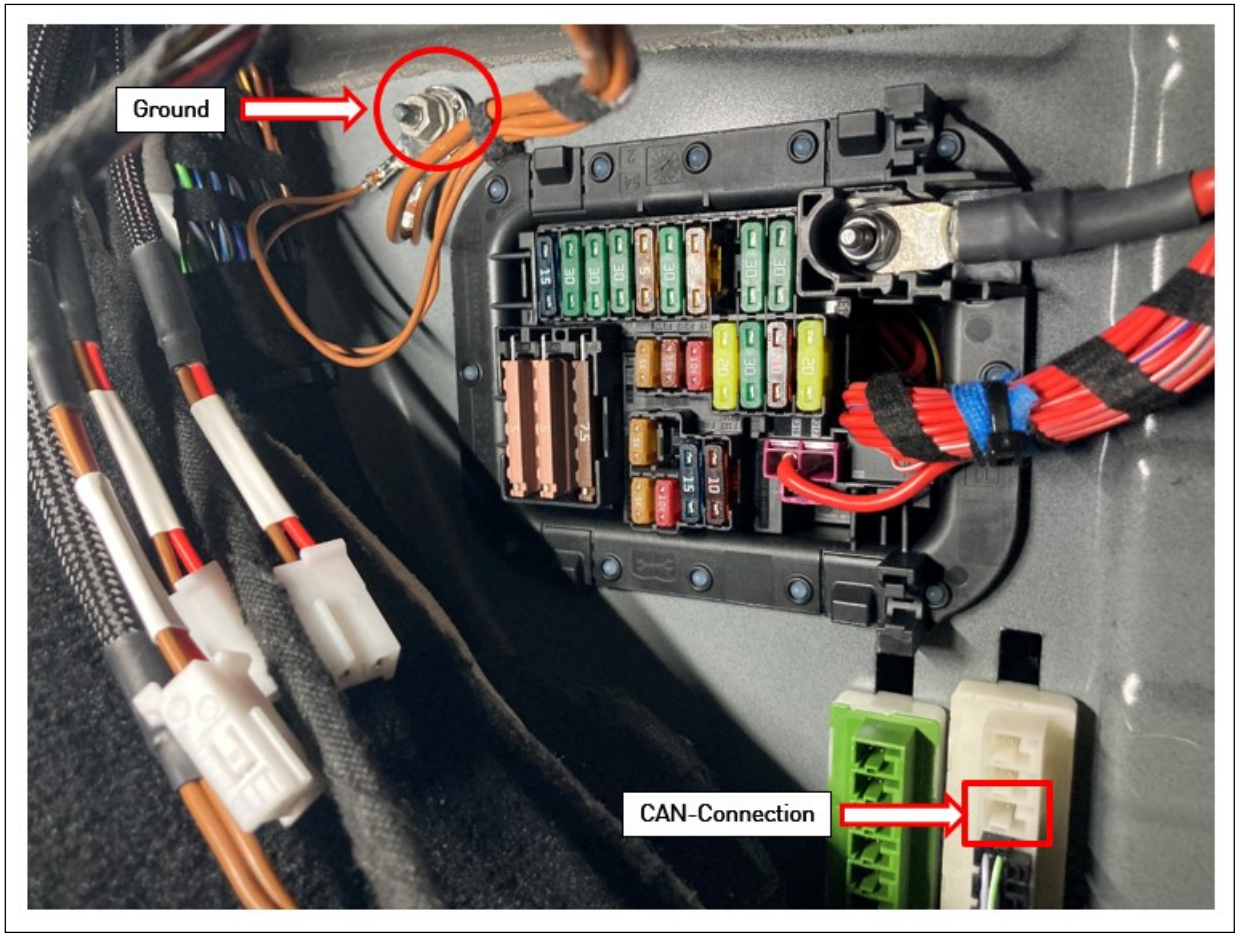
Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDAT

- Lay the 4 red cables along the entrance to the rear fuse and relay module K40/5 (see sketch).
- Fasten the cable harness at suitable points using cable ties.
- Plug the red wires of the BRABUS wiring harness into the free fuse positions F424 to F427.



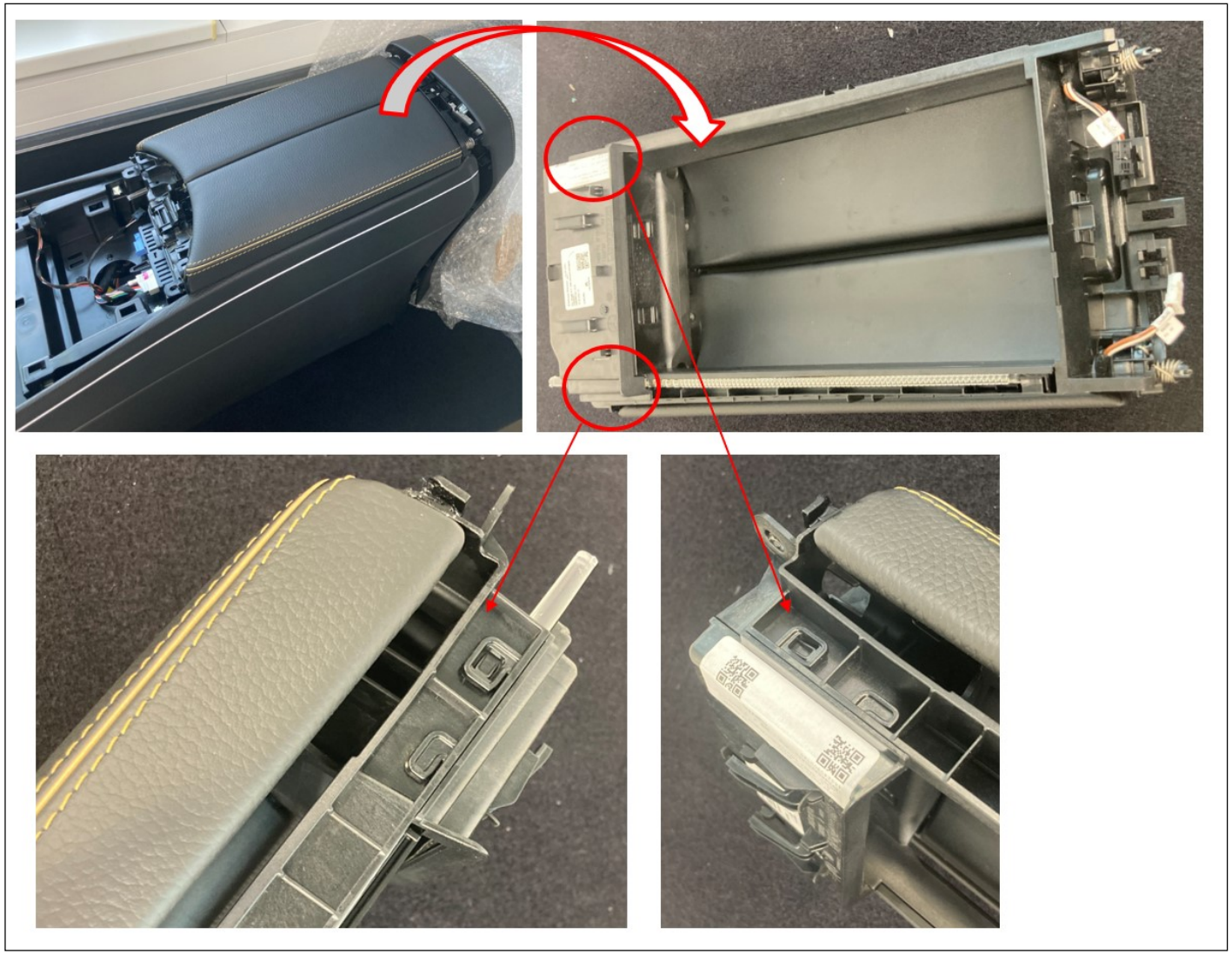
Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDM

- Screw the grounding eyelet to the grounding support point A-pillar right.
- Plug the CAN connector of the PDM cable set into a free slot of the CAN potential distributor CAN user interface (cable colors grey, green-white.



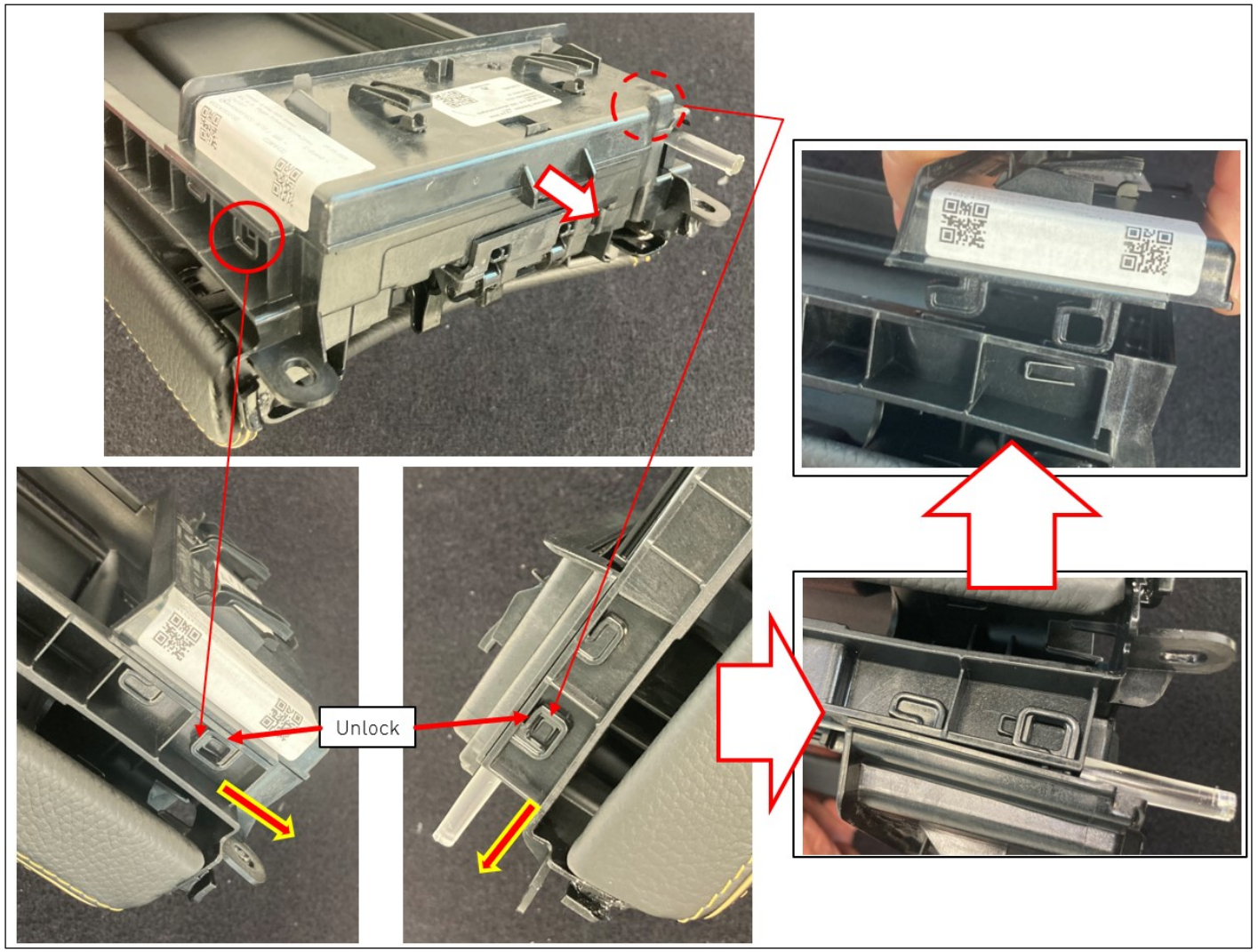
Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDA

- Remove the cover of the center console in accordance with the Mercedes-Benz workshop information system.



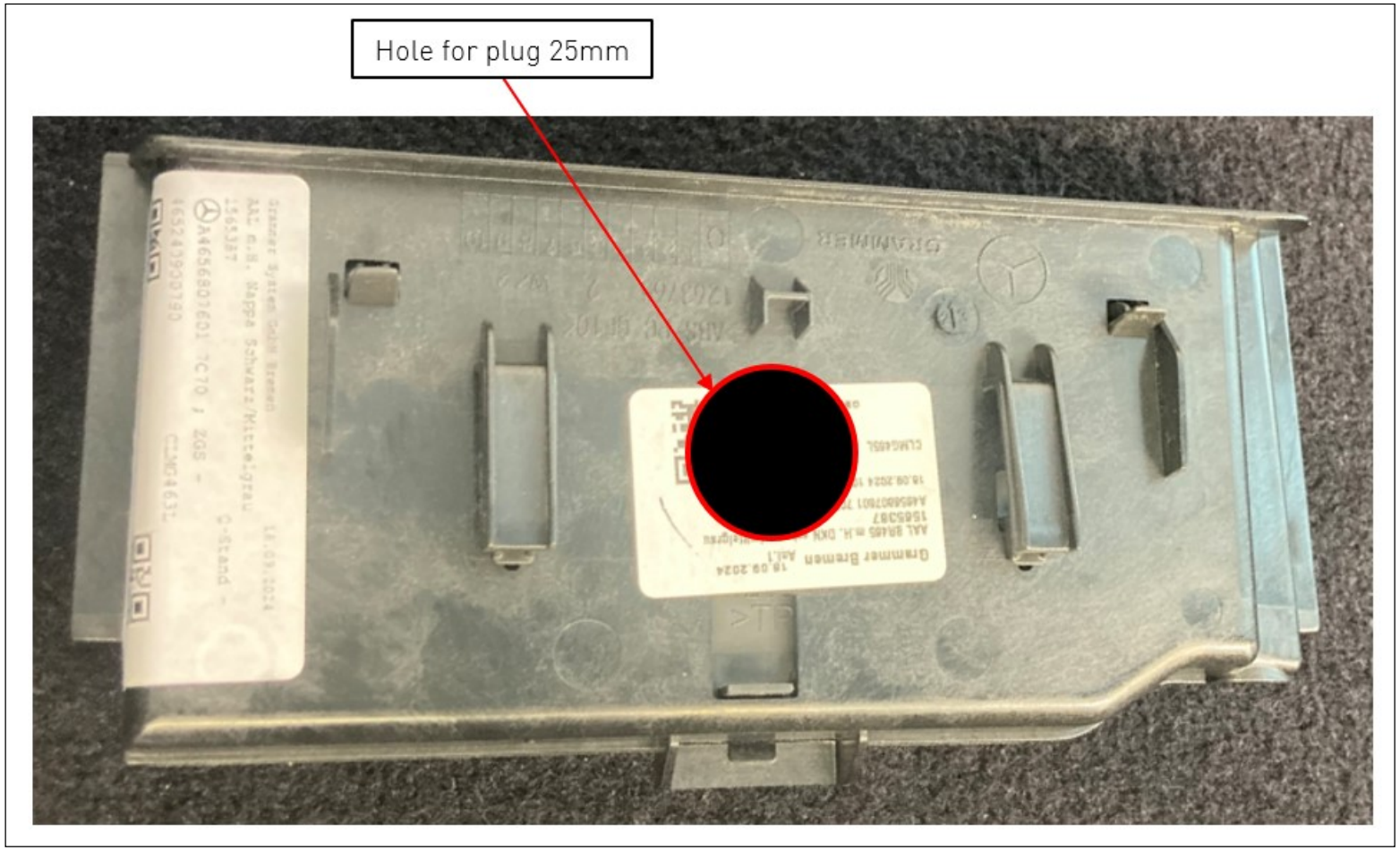
Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDA

- Dismantle the cover as shown in the sketches.
- Unlock the cover on both sides and slide it slightly backwards to remove it.



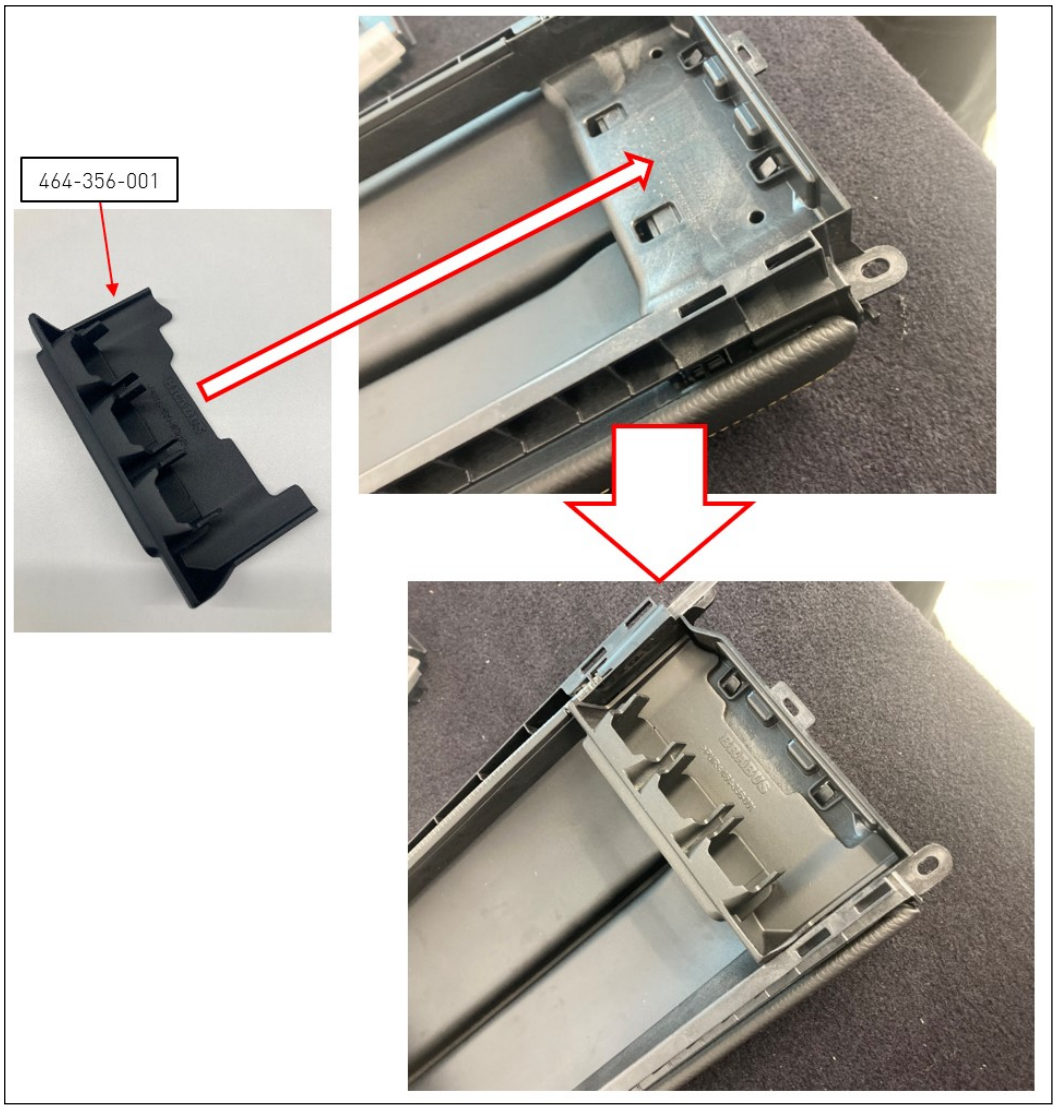
Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDM

- Drill a 25 mm hole in the cover for the cable gland.



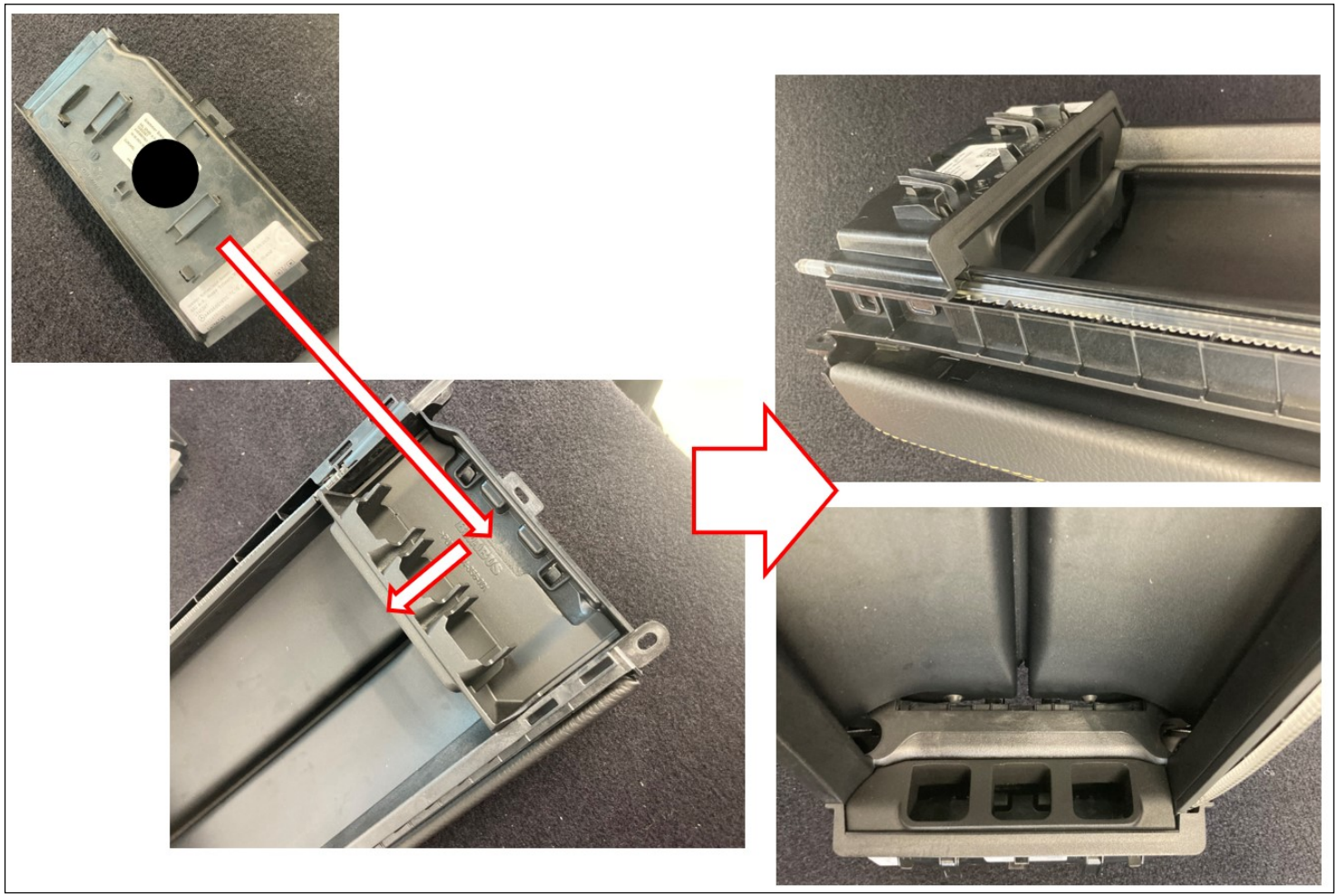
Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDAT

- Insert the switch panel 464-356-001 into the cover of the console as shown in the diagram.



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

- Now place the cover over the switch panel and lock the cover back into the cover of the center console.
- Refit the hinged cover to the center console



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

- Connect the plug contact A of the two BRABUS cable sets.
- Route the wiring harness to the panel of the center console.
- Connect the plugs to the switches and insert them into the panel.
- Depending on the equipment, the use of dummy covers may be necessary.



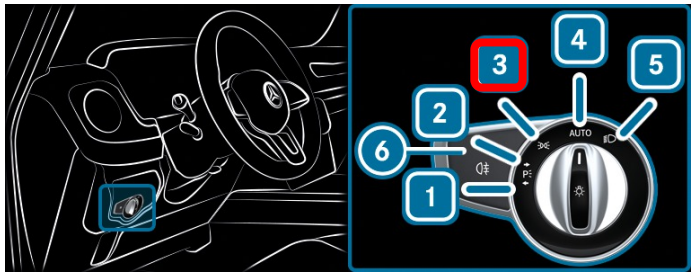
Official technology-partners Continental MOTUL YOKOHAMA ADVAN HANKOOK Member of VDAT

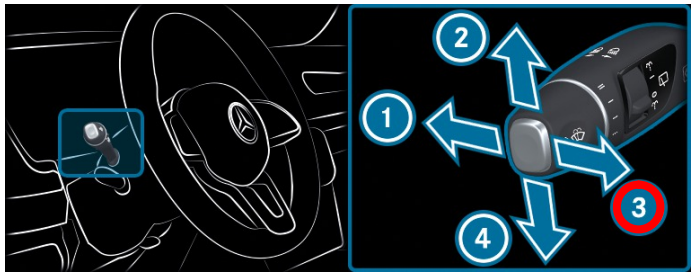
Attention:

The BRABUS-PDM is in “EG” mode when delivered, so it is set so that the lights in the Widestar front apron do not light up when the daytime running lights in the main headlights are active due to the fact that 4 daytime running lights are not permitted.

To switch to export mode, proceed as follows:

- Switch on the ignition (ignition key level „2“)
- Set light switch to parking light (third position from the left, “3”)
- Press the headlight flasher for 6 seconds (Pull and hold the high beam lever „3“)





Repeat the procedure to switch back to EG mode.

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



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