Power Distribution Module (PDM) for W463 - from MY 2019, article-no. 464-PDM-00

BRABUS®



Installation manual

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.
Before you start please check the content of the supplied parts as detailed below.

Product description:

- The BRABUS Power Distribution Module (PDM) supplies all BRABUS-Widestar components which do require a power supply. By usage of BRABUS PDM there is no necessity to perform the electrical connection of each BRABUS component (e.g. illuminated badges). The electric connectors of all these components are just routed to and connected to each the specific BRABUS PDM outputs.

  BRABUS PDM is prepared for the power supply of the following components:

  - *Front position lamps/ daytime running lights (Output 3 & 4)*
  - *Illuminated running board caps & illuminated fender logos (Output 6)*
  - *High beam LED-lights of carbon fiber roof attachment (Output 1 & 2)*
  - *Illuminated radiator grille badge (Output 7)*
  - *Illuminated „BB“-logo for front spoiler (Output 5)*

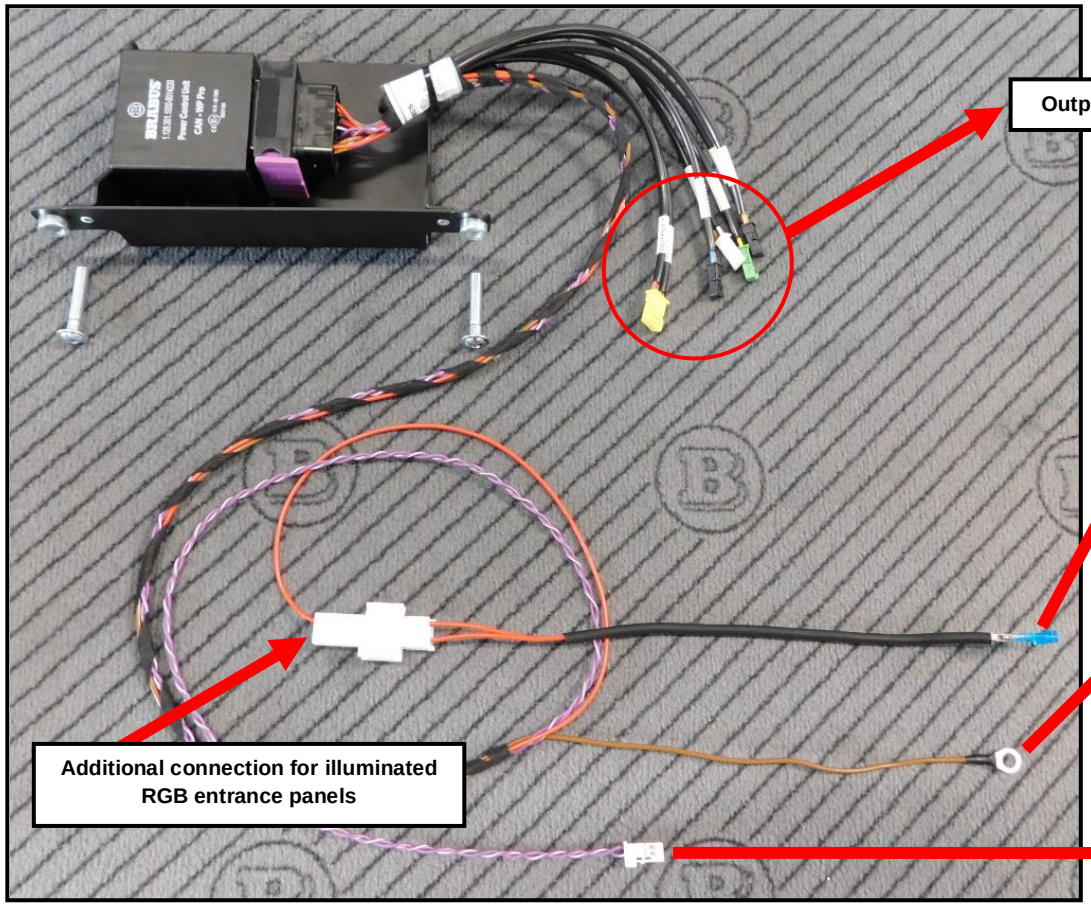
Included in delievery BRABUS:

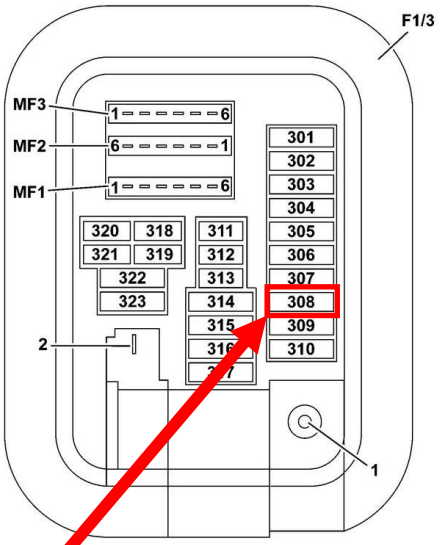
1x BRABUS-PDM control unit	*464-PDM-01*
1x PDM wire harness	*464-PDM-01-K*
1x Adonized PDM control unit bracket incl. screws	*464-354-00*

At right hand vehicles wiring harness 464-PDM-03-K is additionally required.

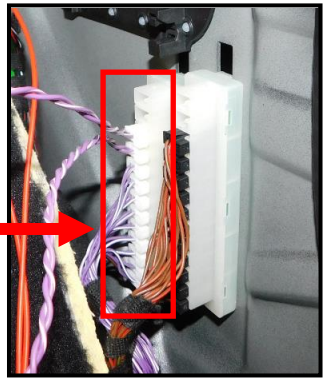
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Overview of interior wire harness connections:





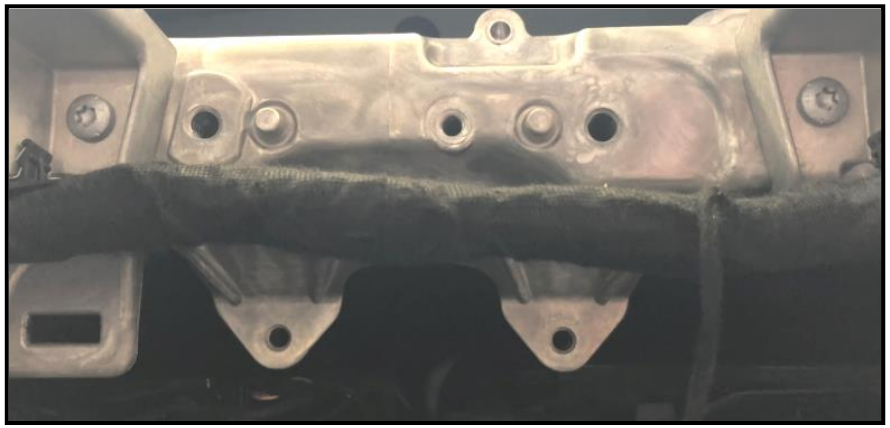


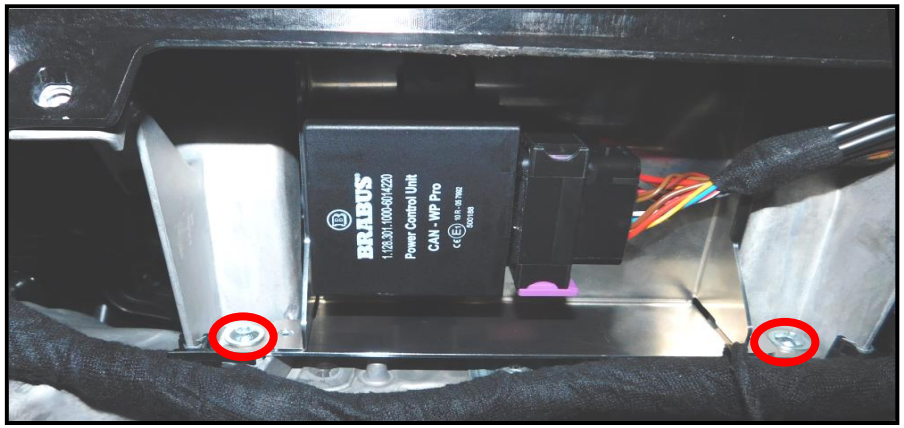


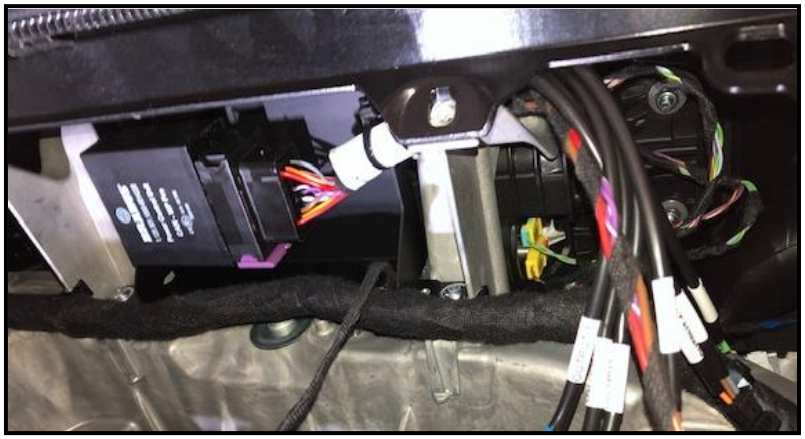
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Preparation measures:

- Disassemble the passenger side entrance plastic cover.
- Disassemble the glove box according to Mercedes-Benz workshop instructions.
- Bolt the PDM unit to position shown within images below by using screws supplied (to standard threaded rods on dashboard carrier).



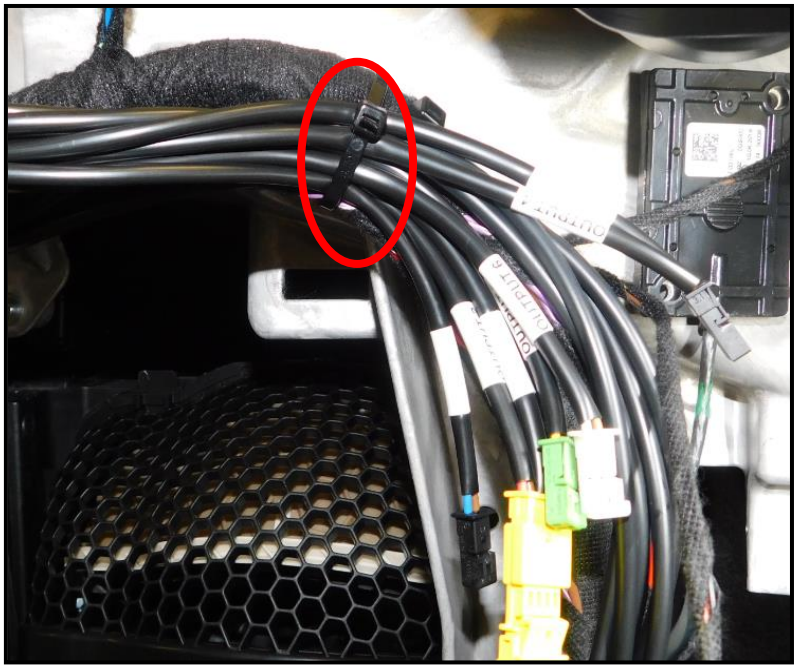




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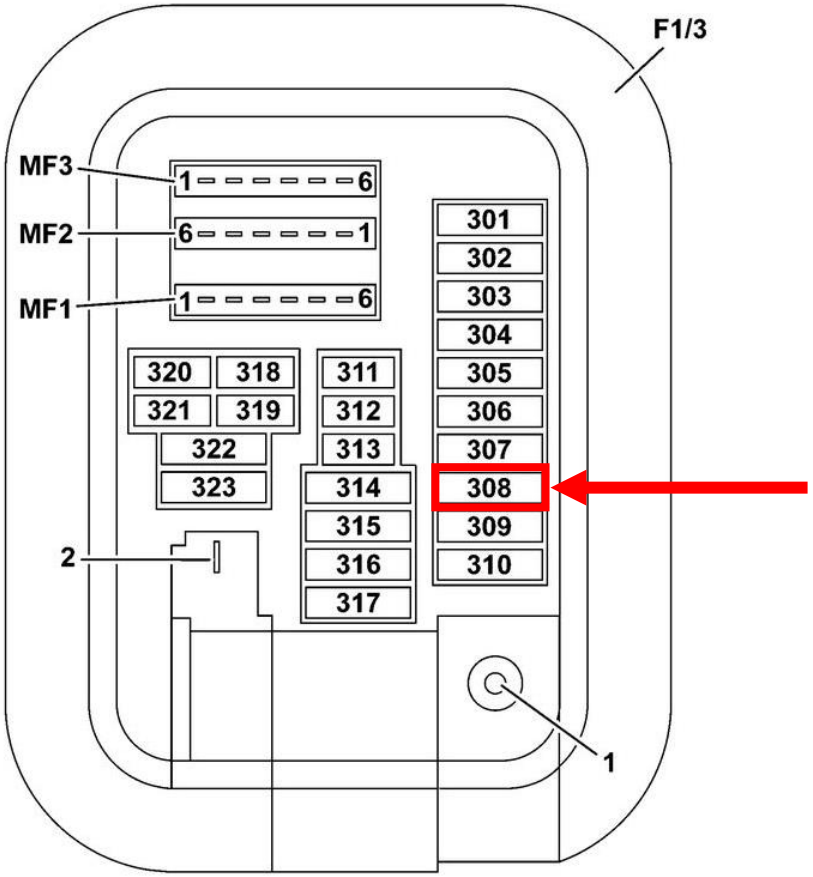
- Route the wires for the additional components and the connection wires to the right vehicle side (into direction of a-pillar).
- Fixate the wiring harness to the dashboard carrier using a cable-tie.





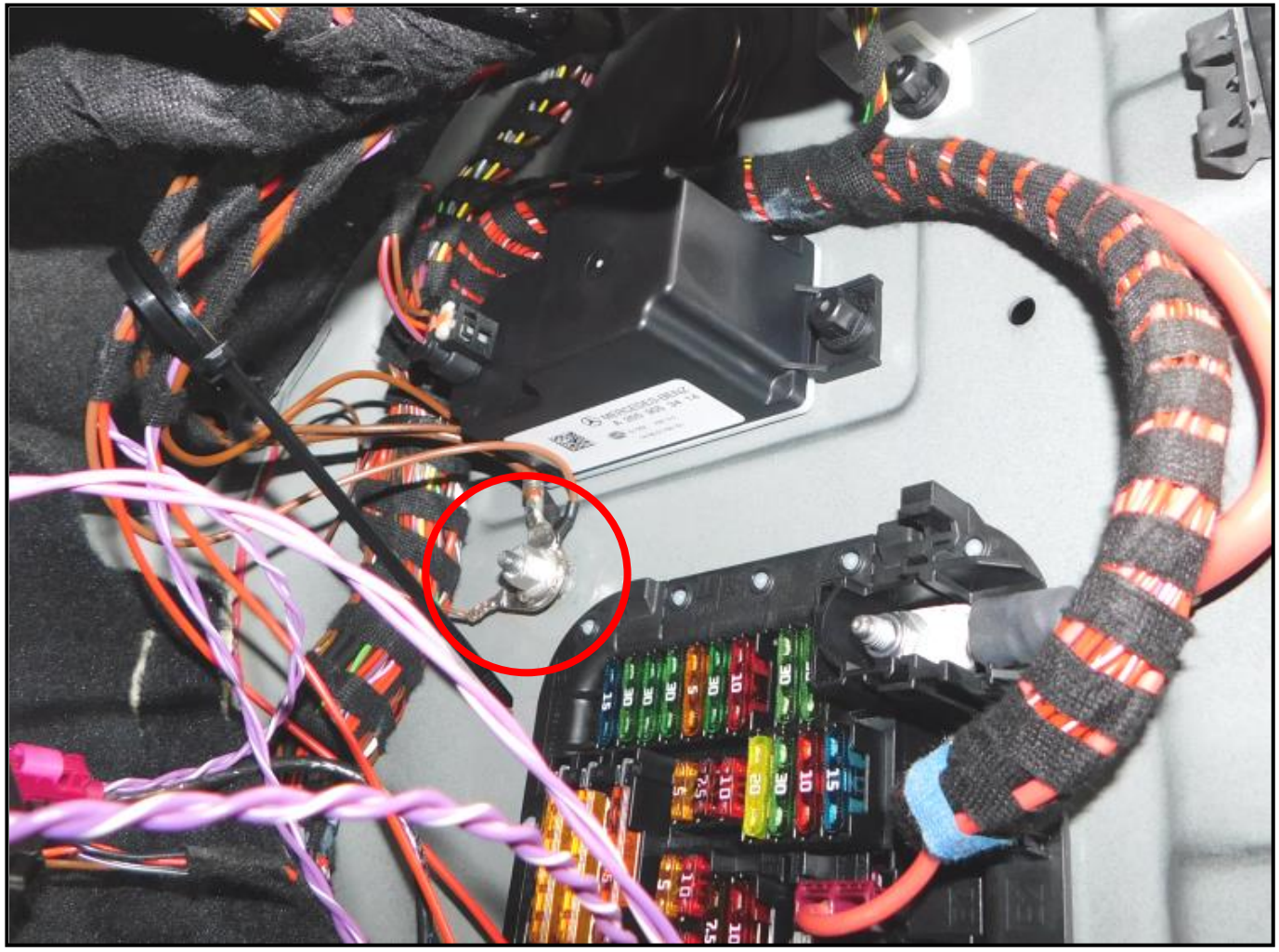
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- Route the connection wires to the right a-pillar fuse panel (F1/3).
- Loosen the right a-pillar fuse panel (F1/3).
- Attach the constant power supply contact of the PDM wire harness to slot F308 of fuse panel F1/3.



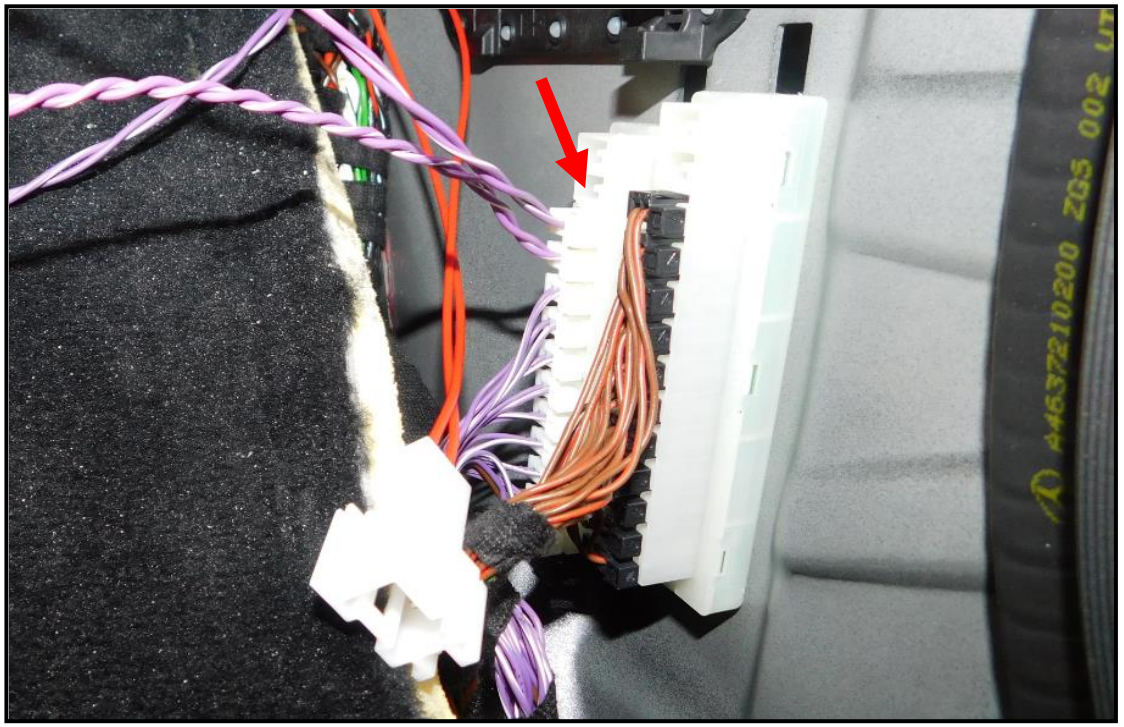
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- Bolt the ground ring lug to the right a-pillar ground terminal.



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- Attach the CAN plug of the PDM wire harness to a free slot of the CAN distributor user interface (X30/20, wire colors VT, VT-WH)



- Attach the 5Amp fuse supplied to fuse port F308.
- Perform the installation of the further BRABUS Widestar components according to the specific installation guides. Connect the power supply connectors of each component to the specific port of BRABUS PDM.

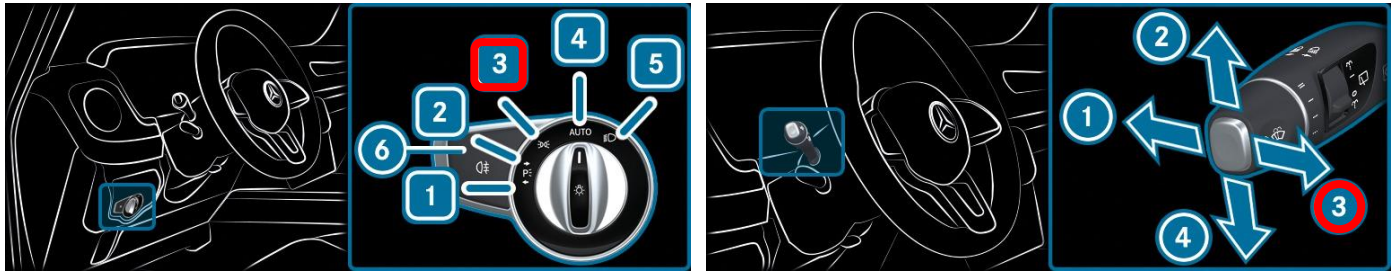
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Attention:

BRABUS-PDM from the factory is switched to EC-mode as four daytime ruuning lamps within the EC are not allowed. Due to this the lamps are not working as daytime running lamps when the standard daytime running lamps within the headlamps are active.

To switch to the export mode please proceed as follows:

1. Switch on the ignition (Key to stage 2)
2. Switch light switch to parking light (third position from the left, “**3**”)
3. Pull high beam for 6 seconds (Pull high beam lever and keep pulled, “**3**”)



Repeat the procedure to switch BRABUS-PDM back to the EC-mode.

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