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.
Therefore you have to read and completely understand these instructions.
Check the content of the parts supplied prior to assembly.

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Hints for adherence of body parts

The add on-parts for the car body can be bonded using the delivered adhesive, or using PU window adhesive in connection with appropriate primer .
When using the delivered adhesive all bonding areas (those of the car body and those of the add on parts) have to be sanded and properly cleaned and disgreased.
We recommend to use Würth window-adhesive (e.g. Würth, window adhesive „Classic“ or „Pro“, article-nos.: WU89002310, WU89002330), in connection with acetone cleaner (e.g. Würth, article-no.: WU893460) and primer (e.g. Würth, article-No.: WU890024101).
The primer gets attached to the bonding areas of the car body and the add on parts by using special primer brushes (e.g. Würth, article-no.: WU891650).
Attach the primer only in one direction. After the primer has flashed off, apply an even line of adhesive and bond the part to the car. Remove excessive adhesive using suitable cleaner (e.g. Würth, article-no.: WU89010063).
For fixation of the parts until the adhesive is completely hardened,
we recommend to use assembly brackets, (e.g. Würth, article-no.: WU069155210 )

Remove paint fog prior to painting!
Take care not to apply the primer to areas which are still visible after bonding, apply up to 5mm away from the markings!
Regard to bonding hints and make sure the bonding areas are clean, free of grease and free of paint.

Included in delivery:

1x	Frontbumper attachments l & r	463-244-01_02
1x	Daytime running lights incl. direction indicator	000-TLB-LA5
1x	Daytime running light brackets	463-210-08
1x	DRL wiring harness	463-210-29
1x	Adhesive set	B28/008

Attention!

In order to prevent a malfunction of the LED lamps the main power supply of the control unit should not be connected before the other electrical connections have been established.

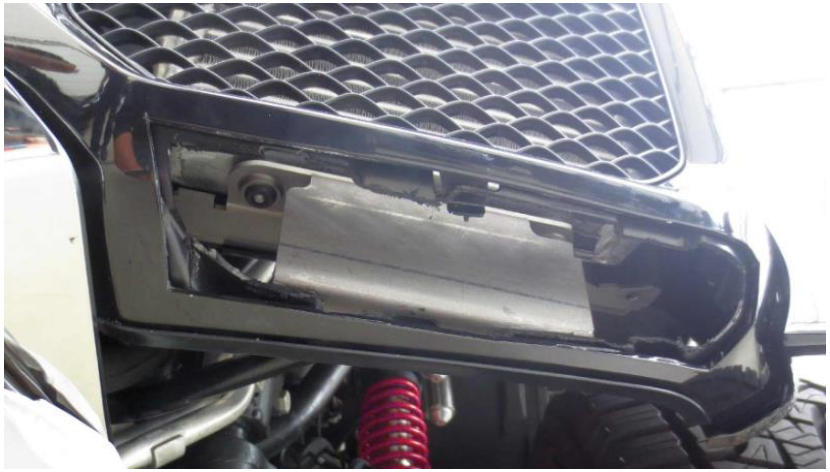
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- Mark the areas which need to be cut out of the frontbumper according to images using a washable marker.

- Take the frontbumper wiring harness out of the frontbumper to avoid the wires will be damaged while cutting.

- Cut the marked areas out using a suitable tool (oscillating saw, for example). Deburr the cutting edges.
  Realize the cutouts smaller than marked, enlarge the cutouts until the frontbumper attachments fit flush to the frontbumper.

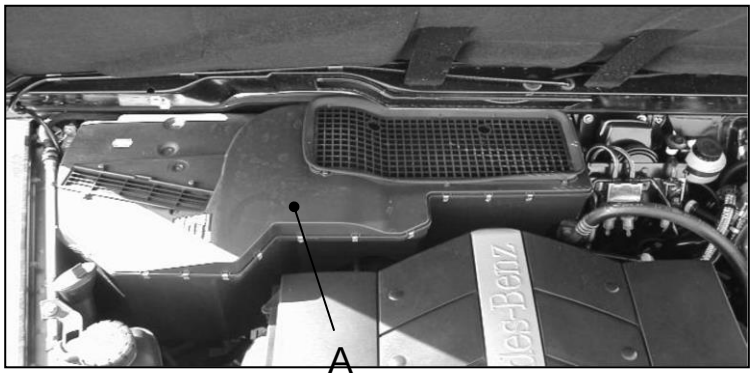








- Open the bonnet and remove the fan housing shown (A).



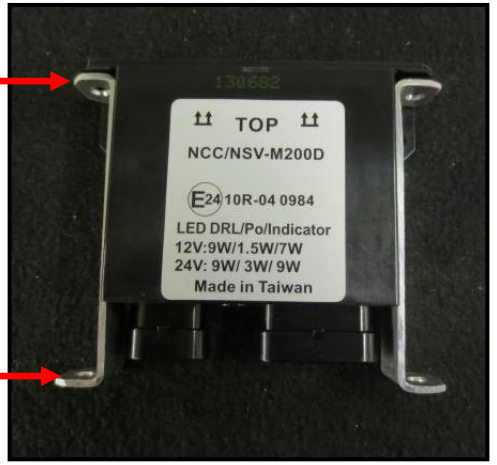
- Loosen the right lower dashboard cover (below glovebox).
- Remove both headlamps.
- Attach the brackets shown to the control units.

Screw M5x10mm

Nut M5 (lock nut)

Screw M5x16mm

Nut M5 (lock nut)



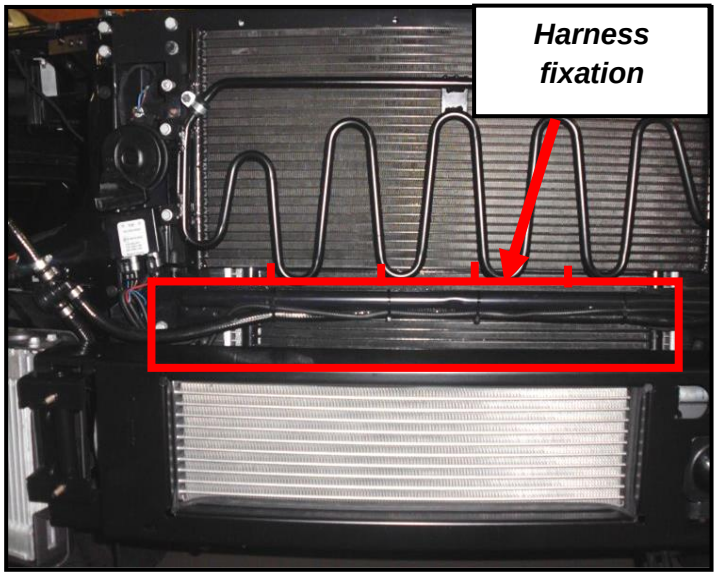
- Remove the standard tapping screws and the brackets and replace these using screws supplied (M5x16).
- Bolt the left and right control unit to the areas shown.

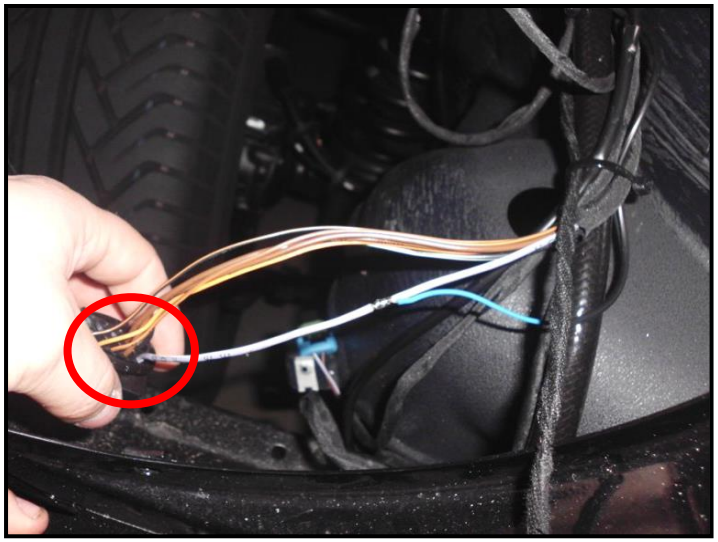




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- Connect the 5-pole plug of the wiring harness to the control unit on the drivers side.
- Route the 2nd plug to the passenger side, fixate the wiring to standard wirings using cable ties.
- Connect the 5-pole plug of the wiring harness to the control unit on the passenger side.
- On the passenger side solder the blue wire to the grey-white standard wire out of Pin 1 of the right headlamp plug. Isolate the soldered area.
- On the drivers side solder the blue wire to the yellow-black standard wire out of Pin 1 of the left headlamp plug. Isolate the soldered area.

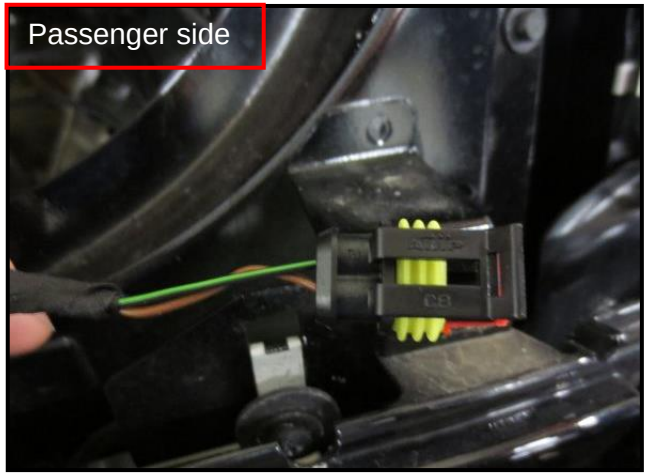


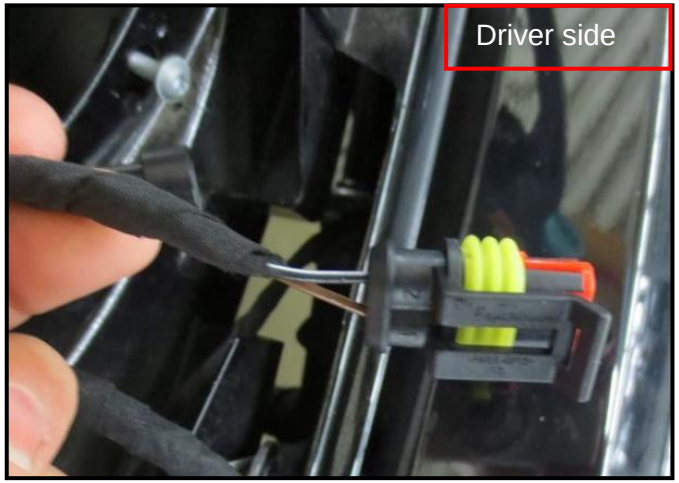


Attention:

The standard direction indicators on the front fenders do not have to be removed but can be removed. It is possible to furthermore use these.

- When the client desires the removal of the standard direction indicators, remove these, cut off the plugs and remove the rubber plugs.
- Attach the wires of the direction indicators to the pins supplied and to the 2-pole plugs supplied.





Attention

PIN 2 direction indicator signal

PIN 1 ground

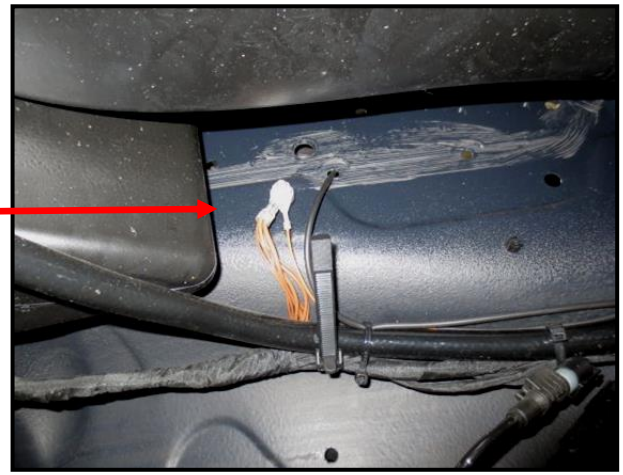
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- Attach the resistors supplied to the standard assembly areas under the headlamps according to image.

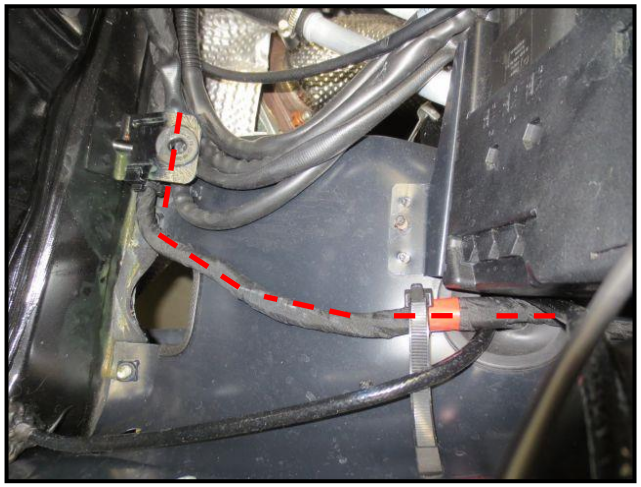


- Connect the 2-pole plugs of the direction indicators to the resistors.
- Connect the outputs of the resistors (1-pole) to the Brabus harness.
- Route the red-green and the brown wire into the right wheelhouse. Bolt the ground ring lug to the earth terminal shown.

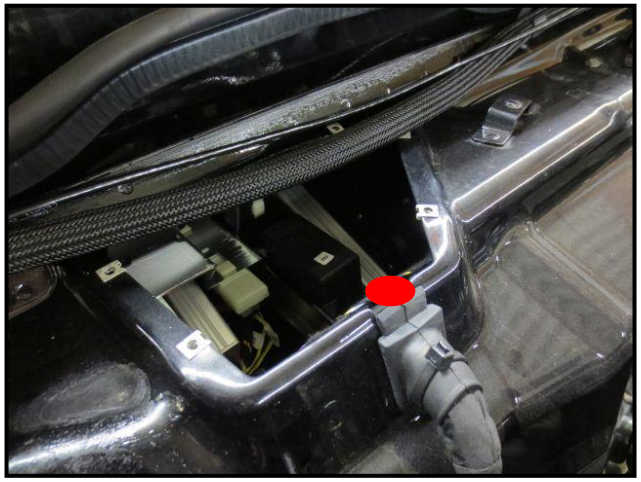
Ground terminal within right wheelhouse



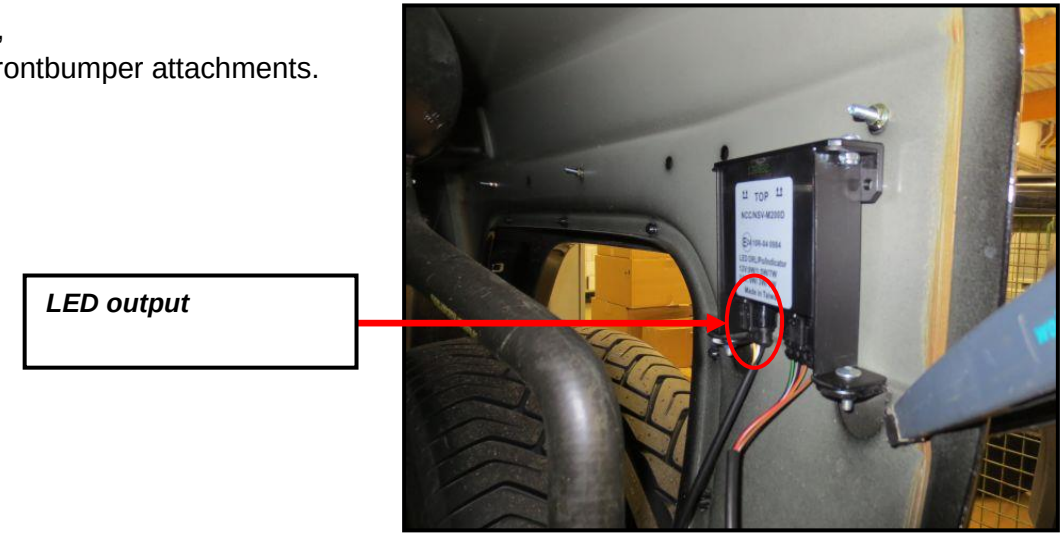
- Route the red-green wire through rubber grommet shown.



- Remove the cover shown within the engine bay to be able to route the wire into the car. Carefully cut the rubber grommet and route the wire into the car.



- Connect the adapter harness supplied to the control units,
  route the 3-pole plugs down to the assembly area of the frontbumper attachments.



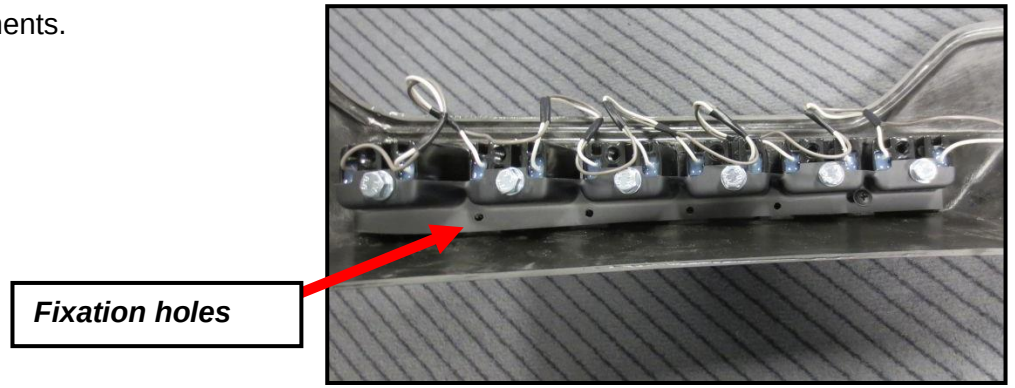
- Bolt the LED lights to their brackets.



- Attach the chrome frames to the LED lights.



- Bolt the daytime running light units to the frontbumper attachments.



- Hold the frontbumper attachments to the frontbumper. Align them and mark the outer edges to the frontbumper using a washable marker.



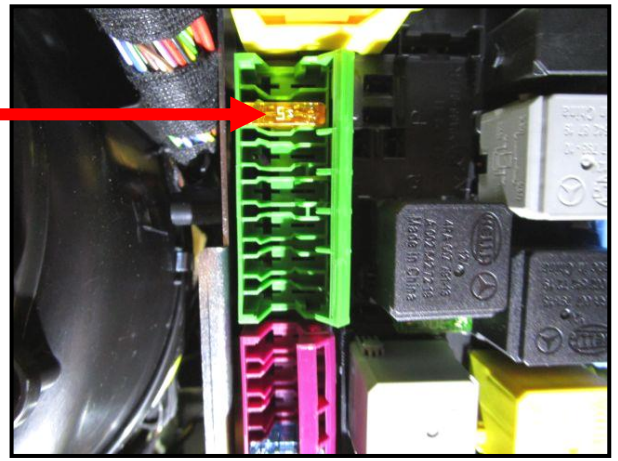
- Prepare the bonding areas of the frontbumper and those of the frontbumper attachments for bonding according to hints on page 2.
- Attach even lines of adhesive to the bonding edges of the frontbumper attachments. Connect the daytime running light-plugs to the daytime running lights and attach the frontbumper attachments flush to the frontbumper according to previously made marks. Fixate the frontbumper attachments using suitable adhesive tape until the adhesive is finally hardened.



Attention!
Remove excessive adhesive immediately!

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- Solder the power supply wires of the inverters parallel to the wires which are coming out of the interior (daytime running light control, red to red-green, black to brown). Sufficiently isolate the soldered areas.
- Attach the pin of the red-green wire to port 224 of the SAM (right side below dashboard)
- Attach the 5Amp-fuse supplied to the fuse port.
- Perform a function-check and re-attach all cover parts.



Attention!

When after the installation has been finished on one or both sides the LED lamps are not operational, a reset of the electronic control units is required.

Please proceed as follows:

1. Switch on the ignition and switch the headlamps on and off for 6 times within 10 seconds. Leave the headlamps switched off.
2. Wait until the LED lamps in the frontspoiler slowly light up once white and once yellow (as confirmation the 1st point has been correctly performed).
3. Again switch the headlamps on and off for six times within ten seconds after the LED lamps have lighted up. Leave the headlamps switched off.
4. Wait until the LED lamps again slowly light up once white and once yellow and, as confirmation the reset has been correctly performed, then fastly light up once white, once yellow and again once white. The control unit then is adjusted to the correct number of LED modules.