



BRABUS®

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Fitting instructions

Side sills illuminated 166-300-00

Entrance panels illuminated 166-350-00

Fender attachments illuminated 166-550-00

English



Please read these instructions carefully prior to assembly!

The product described in these 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 do 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.

These instructions do describe the fitment of the illuminated side sills, the fender attachments with illuminated typings, the illuminated Brabus-badges for the side sills and the illuminated entrance panels.

If the car is only equipped with Brabus fender attachments, the wiring harnesses 166-351-23 & 166-351-03 are connected and routed as per descriptions on pages 6 to 9.

The illuminated entrance panels are directly connected to wiring harness 166-351-02 (please regard to connection overview on page 4.

On cars equipped with illuminated entrance panels from the factory the illumination wires are connected to the standard wires by clipping the pins of the standard plug to the plug supplied, otherwise a fault will be shown when reading out the fault codes.

Included in Brabus

1x Set of side sills	166-300-00
1x Interior harness	166-351-02
Side sill left side	166-300-01
Side sill right side	166-300-02
2x LED wiring harness	166-351-01
10x LED light	163-351-17
2x Illuminated badge for side sill	TVS10210.0122.2
2x Wire end plug, 3-pole	
Plastic cover for left trim grille	166-300-03
Plastic cover for right trim grille	166-300-04
Trim grille left side	166-300-05
Trim grille right side	166-300-06
18x Sticky socket	1900213B
18x Cable tie	1210225B

Included within fender attachment set

1xFender attachment left side	166-550-01
1xFender attachment right side	166-550-02
2xIlluminated Brabus typing	166-550-06
2xInverter wiring harness	166-351-03
1xSet of adhesive decor stripes	166-550-05

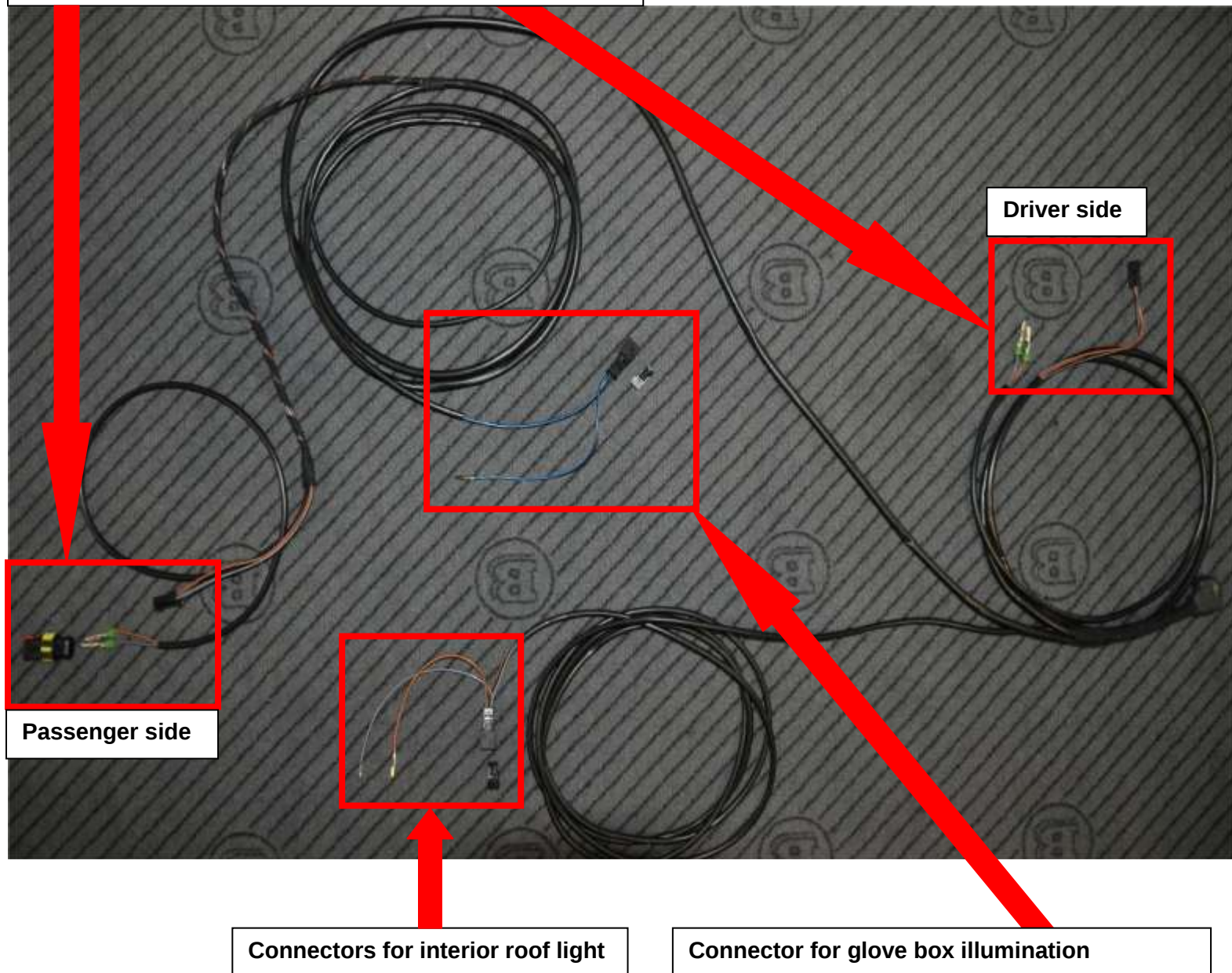
Included within Brabus badges illuminated

2xInverter wiring harness	166-351-03
2xIlluminated Brabus badge	

Included within entrance panel set illuminated:

2xEntrance panel with illumination	
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Base harness 166-351-02, suitable for connection of ill. side sills and entrance panels, expandable with 166-351-03 (for ill. fender attachments and ill. Brabus badges, 2 times required).



Extension harness 166-351-03 is connected to the side sill connectors of harness 166-351-02 and allows the connection of illuminated Brabus badges and illuminated fender attachments. One harness is required for each side.

166-351-03 connect to side sill connections of 166-351-02

Extension harness 166-351-03, allows connection of ill. badges and fender attachment illumination. 2x required.

Place inverter to driver's footwell

Important:

Wires brown/red are used for LED lights of the side sills (+12V), both other wire pairs are used for illuminated badges and fender illumination (+110V AC!!).

If these connectors are not used, close these by using the 3-pole wire end-plugs supplied!!



Hint:

Base delivery content of 166-300-00 allows the connection of LED side sill illumination and illuminated entrance panels.

If the car is additionally equipped with illuminated fender attachments or illuminated badges for the side sills, the extension harness 166-351-03 (also included in delivery of 166-550-00) is required for 2 times.

Preparation:

1. Perform the disassembly of standard parts according to Mercedes-Benz workshop instructions.
2. Remove the roof interior light, the left sun-visor and the left a-pillar trim.



3. Remove the left dashboard cover.



4. Remove the left and right lower dashboard covers, the left plastic entrance panel and the standard side sills.

Assembly of wiring harness:

1. Connect wiring harness 166-351-02 to the interior light.
Unclip the cable of **Pin 8** (brown/black) and **Pin 12** (grey/black) of **plug 1** (green) and attach these to the 2-pole plug supplied.



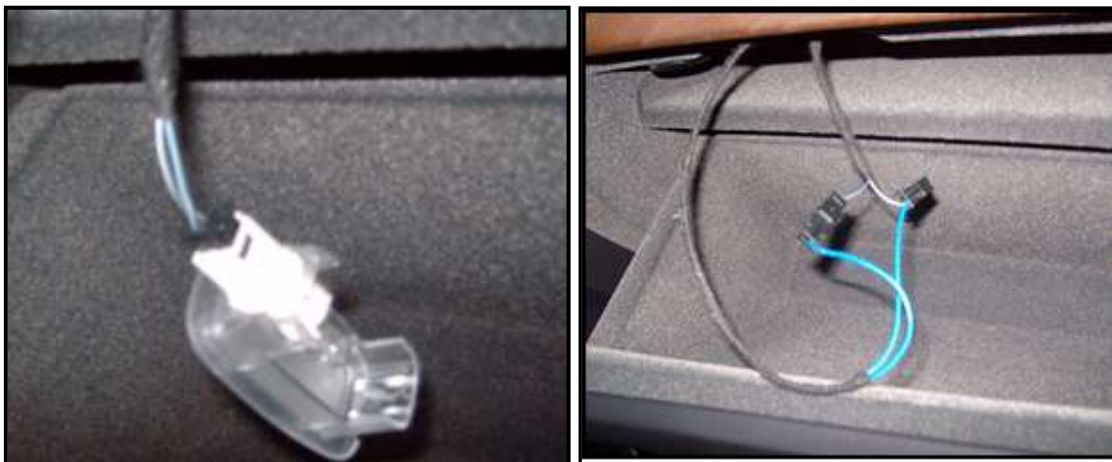
2. Attach the brown/black cable of the harness to **Pin 8** of **plug 1**.
3. Attach the grey/black wire of the harness to **Pin 12** of **plug 1**. Do not yet attach the green plug back to the interior light!
4. Connect the 2-pole plug (black) to the 2-pole socket (black). Take care for correct polarity!
5. Route the harness along the left a-pillar trim into the driver's footwell. Clip the plastic brackets supplied to the already existing holes within the a-pillar and fixate the wires.



6. Route the longer wire into the passenger footwell (below centre console).



7. Clip the blue/black wire out of the standard plug of the glove box illumination and attach it to **slot 1** of the 2-pole plug supplied. Attach the blue/black wire of the Brabus harness to the free **slot 2** of the standard plug. Connect the 2-pole plug to the 2-pole socket.



8. Route the connection wire behind the plastic trims into the left and right footwell and connect these to wiring harness 166-351-03. This harness is only used when the car gets also equipped with illuminated Brabus side sill badges and Brabus fender attachments.



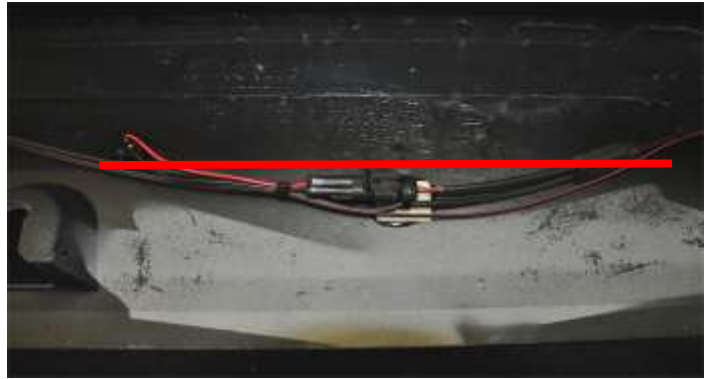
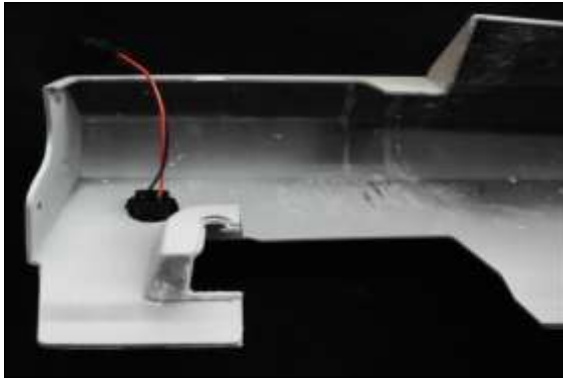
9. Route harness 166-351-03 as shown within figure below. Route these through the holes of the the front plastic entrance panel bracket (no longer used for fixation of entrance panel, remove the support for the bracket on entrance panel in order not to damage the wires when panel attached) and out of the car. Attach the pins of the wiring harness to the plug supplied. If harness 166-351-03 is not used, the interior harness 166-351-02 can directly be connected to the side sill harness.



Remove plastic bracket-support

Assembly of side sills:

1. Attach 5 LED's to each side sill and attach the sticky sockets supplied with a regular gap (carefully clean and disgrease bonding areas, remove paint fog, if existing!). Attach the sockets behind edge of side sill (shown by red line within right image below).



2. Connect the LED lights to the harness (route wire to front of the car).
If the car is also equipped with illuminated side sill badges, route these wires along those of the LED lights and fixate them using cable ties.
3. Attach the wires to the sticky sockets using cable ties.
4. Clean the bonding areas for the plastic covers/ trim grilles of the side sills and attach the covers/grilles to their positions using the adhesive tape the covers are already equipped with.



5. Clean and carefully disgrease the bonding areas of the side sills on the car body and remove the protection foils of the side sills.
6. Connect the wirings of the harnesses to the connections which were led out of the car and attach the side sills to the car (take care for correct alignment!). Evenly press the side sills to the car in order to get a proper adherence.
7. Fixate the side sills using standard brackets/ nuts on the bottom of the car.

Assembly of fender attachments:

1. Hold the fender attachments to the fenders according to figures below and mark the outer lines of the parts to the fenders using a washable marker (Hold fender attachments flush to fender edges as per figures below).



2. Mark the position for the hole the wires are routed through using a suitable marker.

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3. Drill the hole for the wire into the fender using a suitable drill.

4. Clean and disgrease the bonding areas for the illuminated typings and those for the adhesive decals and attach them to the prescribed positions.
5. Clean and disgrease the bonding areas for the fender parts of the fenders and attach the fender attachments to the fenders using The adhesive tape the fender parts are already equipped with. Route the wires through the holes and take care for proper alignment (as per previously made marks).
6. Loosen the wheelarch-liners and connect the wires of the fender illumination to the connectors of 166-351-03. Attach the green plug to the interior-light now.
7. Perform a function check.



Assembly of illuminated entrance panels:

1. Carefully remove the standard entrance panels using a suitable tool (plastic wedge, for example). Remove rests of adhesive.
2. Hold the Brabus entrance panels to their bonding areas (parallel to upper plastic entrance panel) and mark the left and right edges to the car using a washable marker (fig.).



3. Remove the standard plastic entrance panel and the rubber sealing.
4. Clean and degrease the bonding areas.
5. Remove the protection foil of the adhesive stripes the entrance panels are already equipped with and attach the entrance panels as per previously made marks.
6. Route the flat wire into the car (above metal edge) and re-attach the rubber sealing.
7. On cars equipped with illuminated standard entrance panels from the factory, connect the wires to the standard plugs in order to avoid a fault will be shown. If the car is not equipped with standard entrance panels, connect the wires to the Brabus harness connectors of harness 166-351-02 (fig.).

