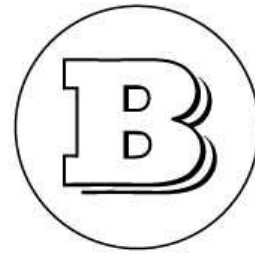




Carbon-fibre fender attachments, illuminated for S-Class, Typ W/ V222
222-550-00_10



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

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 degreased.

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 suckers, (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.

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Included in delivery:

1x	Left carbon fibre fender attachment	222-550-01
1x	Right carbon fibre fender attachment	222-550-02
2x	Brabus-typing, illuminated	222-351-51
1x	Inverter wiring harness	222-351-50
1x	Adhesive set 80ml	B28/ 000-8

Attention:

At cars which are also equipped with Brabus illuminated side sills the illuminated fender attachments are connected to the base harness. If the car is not equipped with illuminated side sills, the following Brabus parts are required:

1x	Base wiring harness	222-351-10
1x	Control unit	222-353-00
1x	Left wiring harness	222-351-20
1x	Right wiring harness	222-351-30

Electrical connection at cars without Brabus illuminated side sills:

Control unit socket

Distributor „CAN ON“
Illumination operational while driving, not allowed within most EC countries.

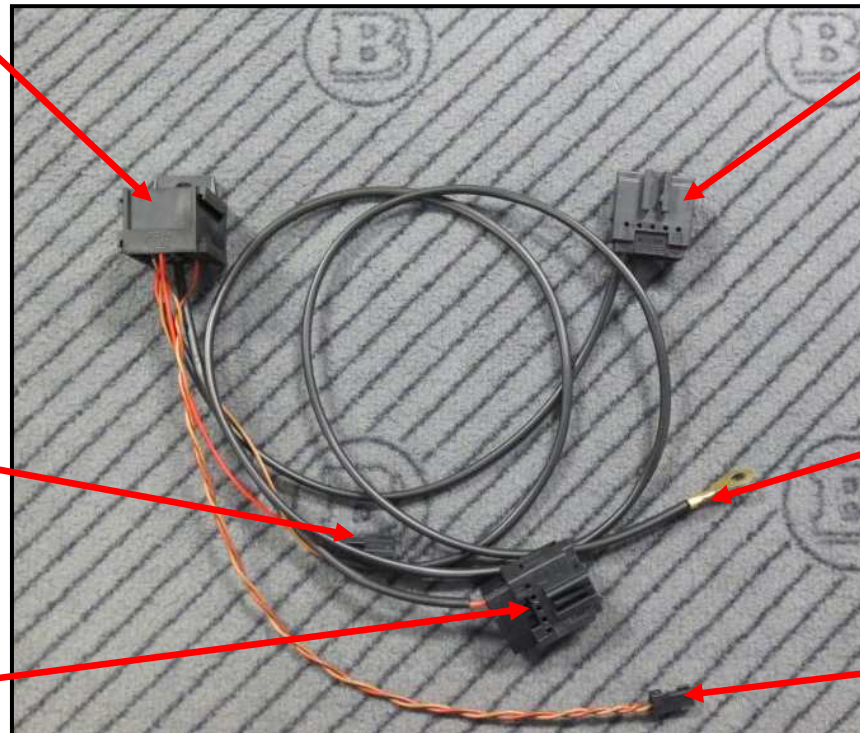
Plug to fuse bracket terminal 30

Ground connector-into footwell



Distributor „TÜV“
Illumination not operational while driving.

To CAN distributor



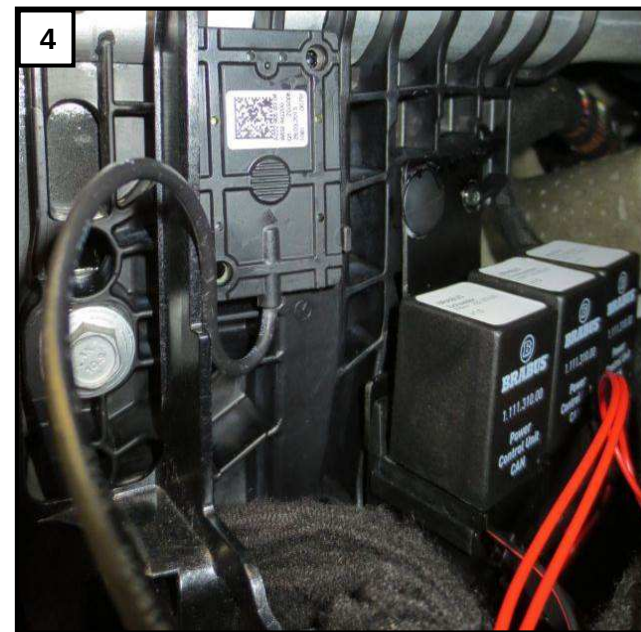
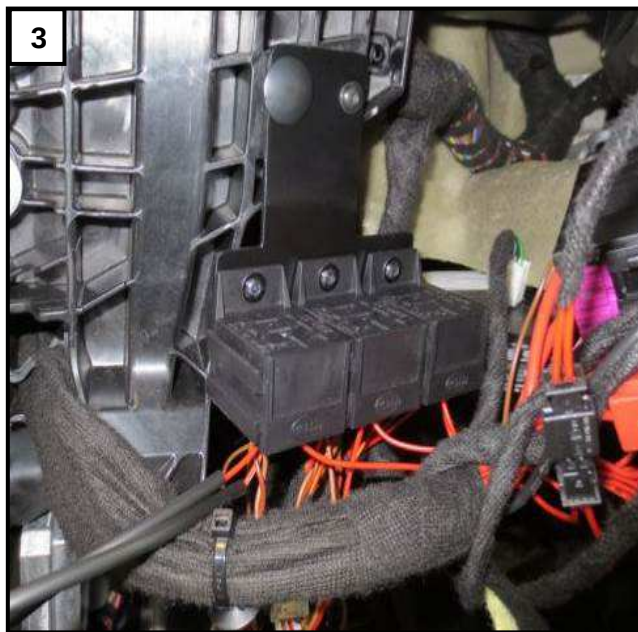
Preparation:

1. Disconnect ground wire of the main battery prior to assembly. Disassemble standard equipment according to Mercedes-Benz workshop instructions.
2. Remove the left dashboard cover (fig. 1).
3. Remove the left and right lower dashboard cover.
4. Fold up the carpet within the passenger footwell and disassemble the plastic cover in order to get access to the electrical equipment (fig. 2).
5. Loosen the front areas of both standard side sills according to Mercedes-Benz workshop instructions.

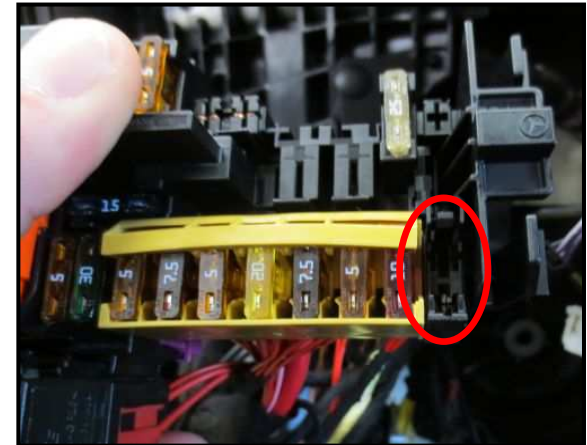


Assembly of wiring harness:

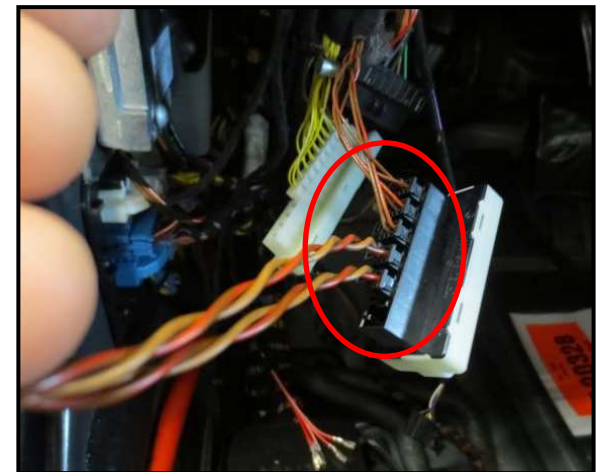
1. Remove the fuse bracket on the drivers side (shown within fig. 1 on previous page), re-locate the antenna shown using adhesive velcro tape supplied according to fig. 4.
2. Attach the control unit socket of wiring harness 222-351-10 to the control unit bracket using M4x10 screws supplied. Attach the bracket for the Brabus control unit to the assembly holes of the antenna. (fig. 3)



3. Attach the fuse bracket of the wiring harness to fuse port shown.



4. Attach the CAN plug of the wiring harness to the CAN distributor on the driver side (CAN wires brown, brown-red).



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5. Bolt the ground ring lug to the ground terminal within the driver footwell (do not connect anywhere else!).



Electrical connection of left side wiring harness (222-351-20):

Ground terminal / driver footwell



222-351-20



1. Side sill illumination

2. To be used when vehicle also is equipped with illuminated Brabus badge

3. To be used when vehicle also is equipped with illuminated fender attachments

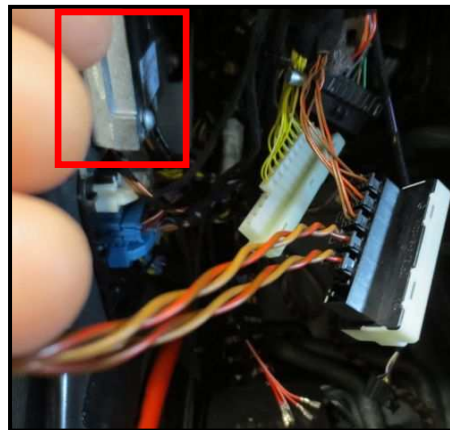
To be attached to power distributors of wiring harness 222-351-10

Assembly:

6. Remove the standard a-pillar rubber plug.
7. Remove the standard control unit marked red (within driver footwell).
8. Remove the grey foam plug of the standard wiring harness.
9. Attach the rubber plug supplied to the a-pillar.
10. Route the wiring harness into the car.
11. Carefully cut the foam plug in order to be able to route the wiring harness through.
12. Re-attach the foam plug.
13. Route the ground wire to the ground terminal (behind carpet).
14. Re-attach the control unit.



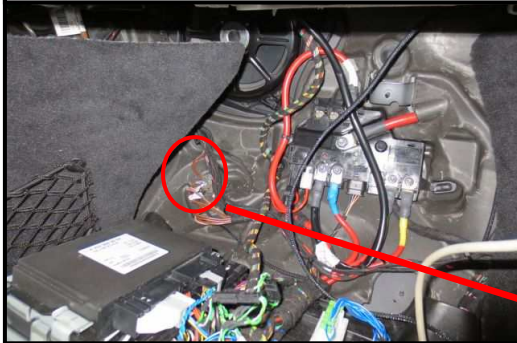
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Electrical connection of right side wiring harness (222-351-30):

To be attached to power distributors of wiring harness 222-351-10

Ground terminal / passenger footwell



222-351-30

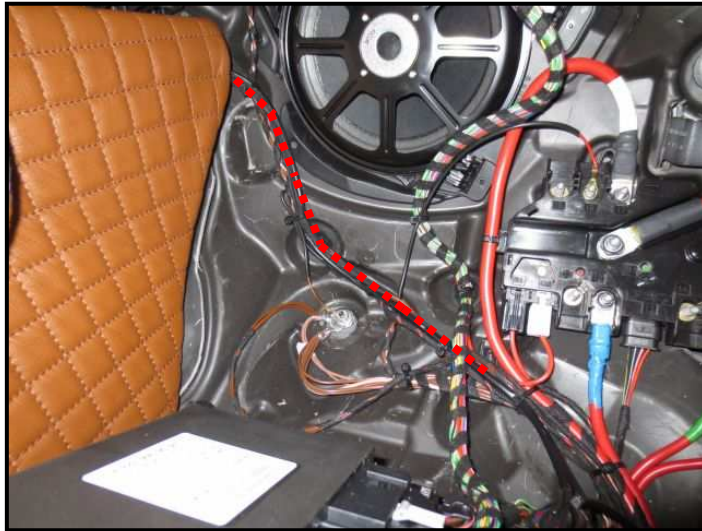


1. Side sill illumination
2. To be used when vehicle also is equipped with illuminated Brabus badge
3. To be used when vehicle also is equipped with illuminated fender attachments

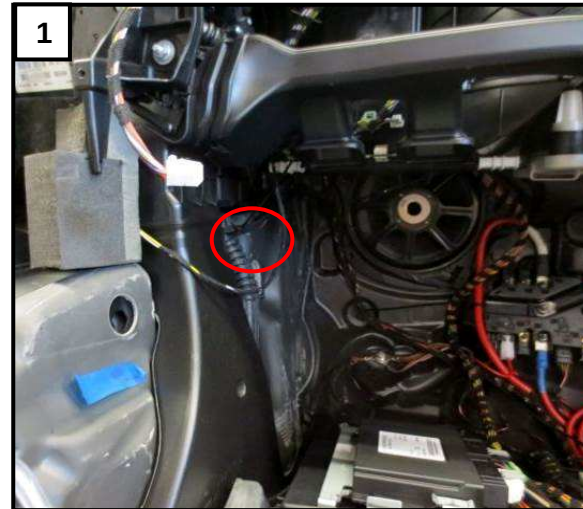
Montage Kabelsatz Beifahrerseite:

15. Remove the standard a-pillar rubber plug.
16. Remove the grey foam plug of the standard wiring harness.
17. Attach the rubber plug supplied of the Brabus wiring harness to the a-pillar.
18. Route the wiring harness into the car.
19. Carefully cut the foam plug in order to be able to route the wiring harness through.
20. Re-attach the foam plug.
21. Route the ground wire to the ground terminal (behind carpet) within the passenger footwell.
22. Route the wiring harness along the standard wiring.

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23. Route the wiring harness behind the center console to the driver side. Fixate the wiring harness to the standard harness using cable ties (figs. 1,2)

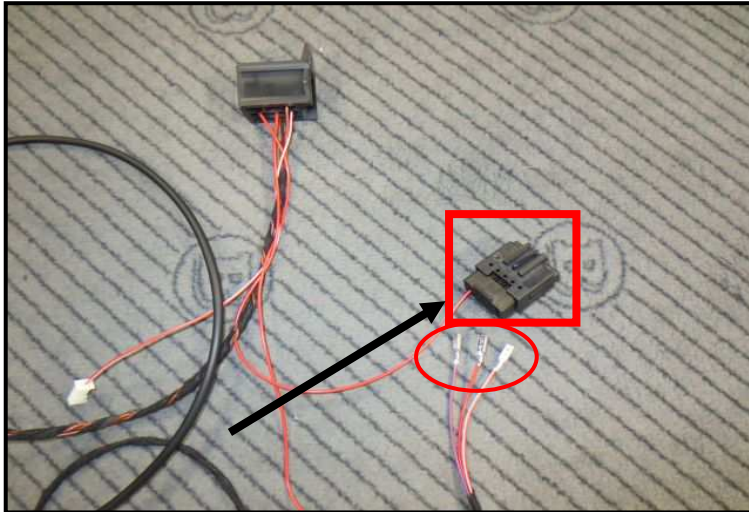


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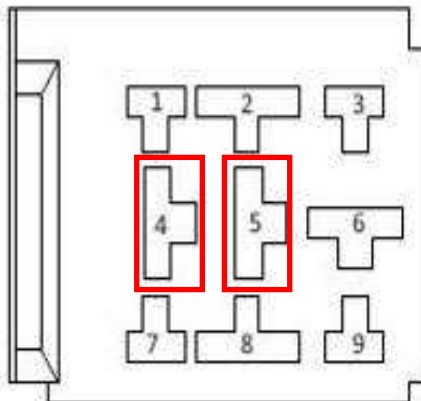
24. Route the wires to the power distributors of wiring harness 222-351-10 (fig. 3).



25. Attach one wire of each the left and right side wiring harness to one of the power distributors shown (please regard to details below) in order to have one of the connectors supplied.
26. Lock the distributor by pushing.



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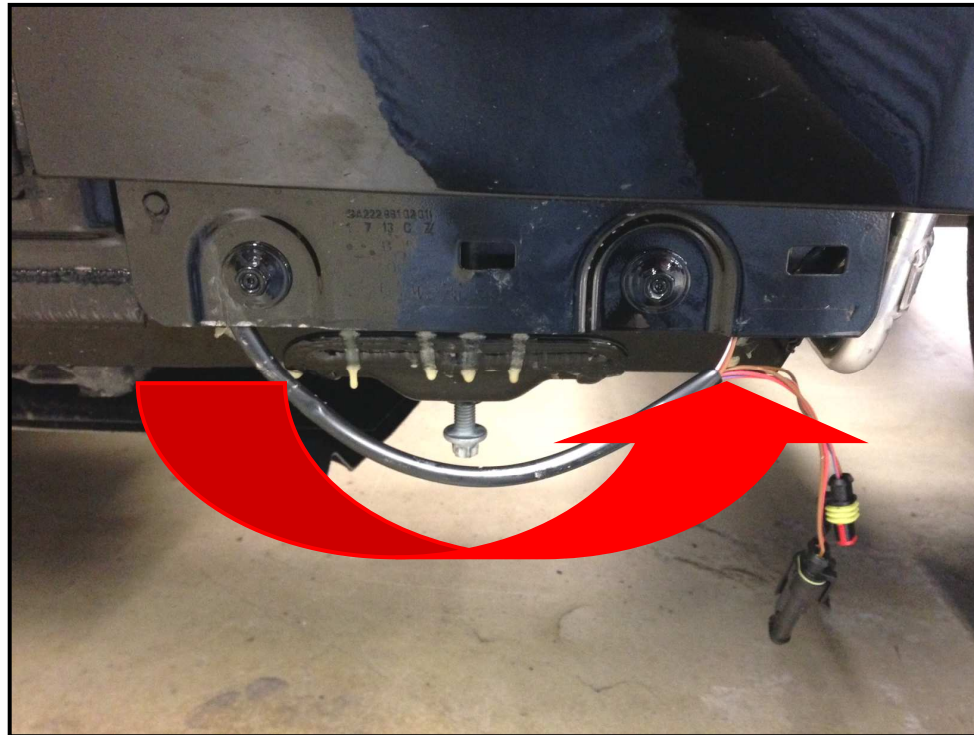


i Attention:

Connector 5 „Tüv Mode“- Illumination switches off when driving (red wire)

**Connector 4 „CAN-ON“ illumination is operational when driving (red-white wire).
Not permitted within most countries of the EC!**

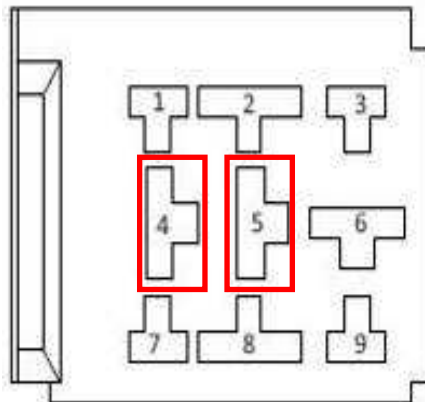
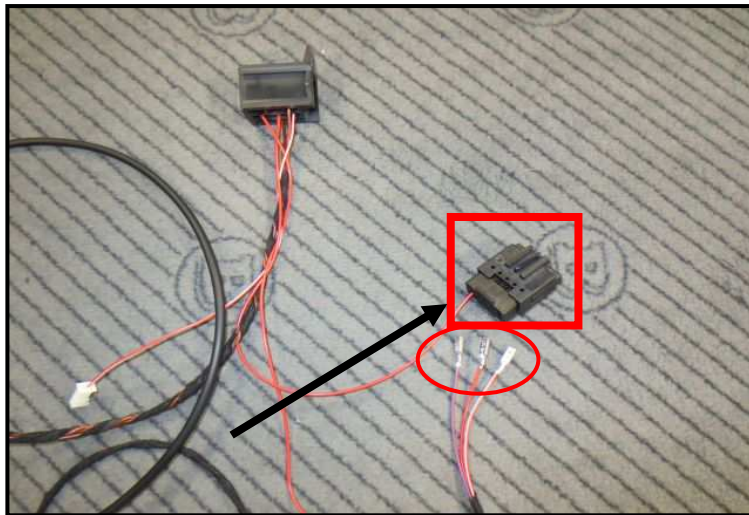
27. Route the wiring harnesses down behind the a-pillar rubber trims and below the lower fender fixations into the front wheelhouses.



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Electrical connections at cars with Brabus illuminated side sills:

1. Attach one wire of each the left and right side wiring harness to one of the power distributors shown (please regard to details below) in order to have one of the connectors supplied.
2. Lock the distributor by pushing. Route the connectors into the front wheelhouses.



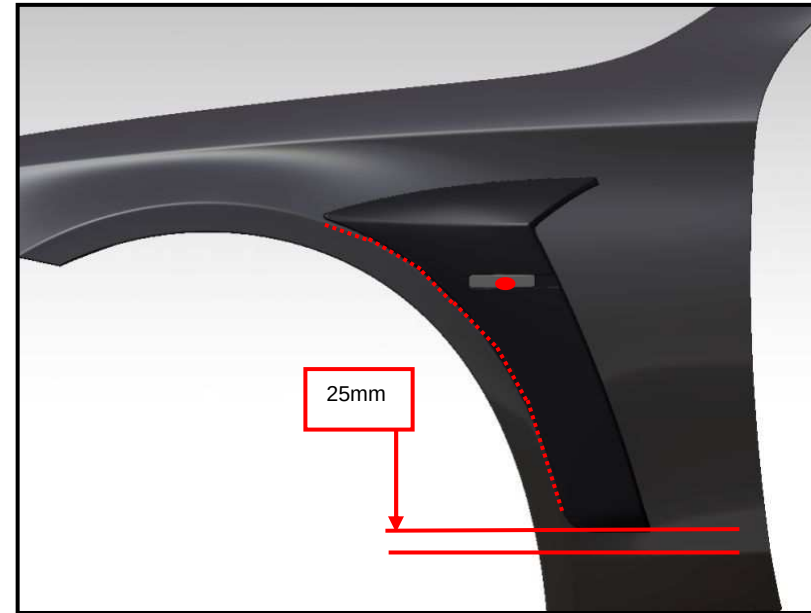
Attention:

Connector 5 „Tüv Mode“- Illumination switches off when driving (red wire)

Connector 4 „CAN-ON“ illumination is operational when driving (red-white wire).
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Montage Kotflügelaufsätze:

1. Hold the Brabus fender attachments to the fenders and align them (fig. below). Mark the outer edges of the attachment parts to the fenders using a washable marker.
2. Mark the position for the holes the illumination cables will be routed through to the fenders and carefully drill the holes. Seal the holes.
3. Clean and degrease the bonding areas for the illuminated typings and bond the typings to the areas of the fender attachments.
4. Prepare the bonding areas of the fenders and those of the fender attachments according to bonding hints on page 2. Make sure the bonding areas are clean and free of grease!
5. Apply a thin and even line of adhesive to the bonding edges of the fender attachments. Route the wires of the illuminated typings through the holes into the wheelhouses and bond the attachments to the fenders. Align the fender attachments and fixate these until the adhesive is finally hardened using adhesive tape or assembly brackets.
6. Perform the electrical connections and fixate the inverters within the wheelhouses using cable ties.



7. Close the not used plugs using dummy plugs supplied.

