Fitting instructions

Daytime running lights

Part-No.: 463-220-00/-10/

G-Wagen
W-463

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.

Before you start working, check the content of the supplied parts as detailed below!

Included in delivery of **BRABUS Daytime running lights**:

Quantity:	**Description:**	**article no.:**
1x	Set daytime running lights	000-TL-01(chrome) /02(black)
1x	Headlamp frame left	
1x	Headlamp frame right	
1x	Fitting instructions	
1x	Painting instructions	



Note:

Check the exact fit of the BRABUS parts on the vehicle prior to painting and rework, if necessary!!
Painting has to be made according to the delivered painting instruction.

Vorbereitung:

1. Remove the frames of the headlamps and the radiator cowling.

2. Unscrew the right front wheelarch-liner and lower it.
   The wiring harness of the BRABUS daytime running lights will be wired through the area above the wheelarch-liner into the engine bay.
   Also remove the right headlamp.



3. Place the electronic control units of the daytime running lights into the free spaces you can find on the right and left next to the cooling unit.
   If the car is equipped with an antenna on the left next to the headlamp, please remove the bracket of the antenna wiring connection while installation in order to make the fitting of the electronic control units easier.

4. Align the electronic control units and mark the holes for the drilling positions. Drill the holes by using a suitable 2.5mm drill and fix the ecu´s with the delivered tapping screws (fig 1,2).

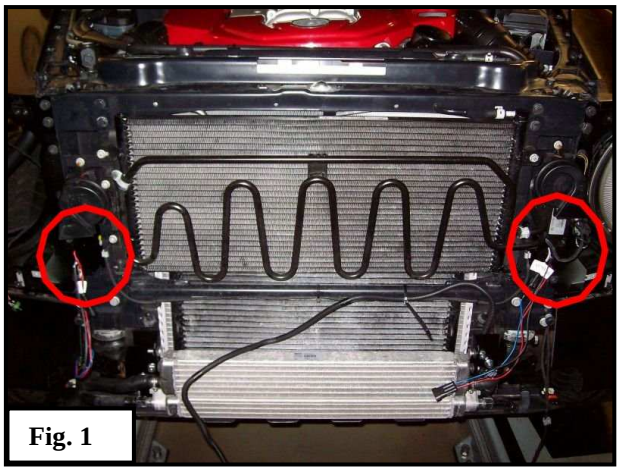


Fig. 1

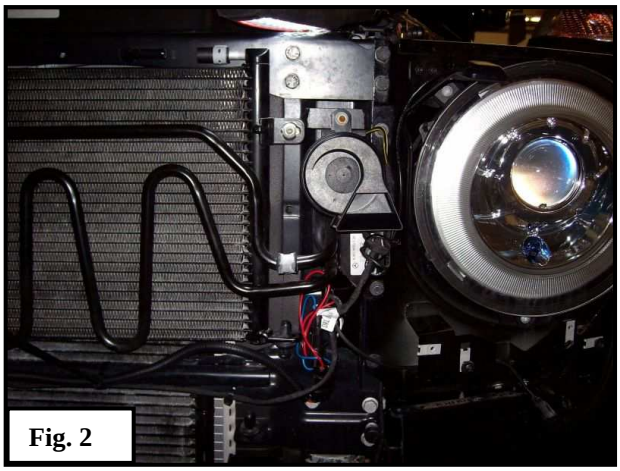


Fig. 2

5. Lead the wiring harness of the BRABUS daytime running lights from the left to the right ecu and realize the plug connections.
   Fix the cables to the cross member by using cable ties corresponding to fig.1.

6. Connect the blue cable of the BRABUS wiring harness parallely to the two-coloured one of the original position light by soldering (fig. 3).
   Isolate the soldering connection by using suitable tape in order to avoid water entry.

7. Lead the wiring harness underneath the right headlamp into the right wheelarch and then through the rubber grommet into the engine bay.
   Fix it to the original wirings by using cable ties (fig. 4).

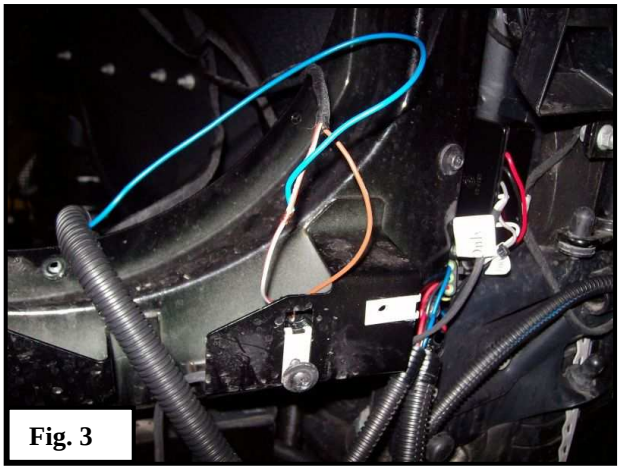


Fig. 3



Fig. 4

8. Connect the ground connection of the BRABUS wiring harness to the earth terminal near the cooling liquid tank (fig.5).

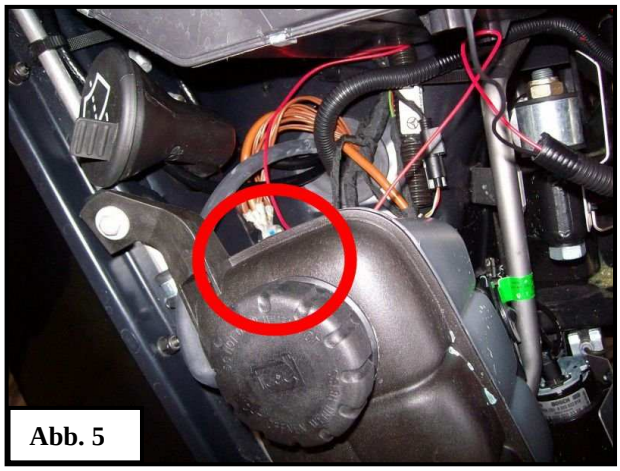


Abb. 5

9. Unscrew the hose clamp that finds in fig. 6 and remove the hose.



Fig. 6

10. Remove the fan housing by loosen the three screws (fig. 7).

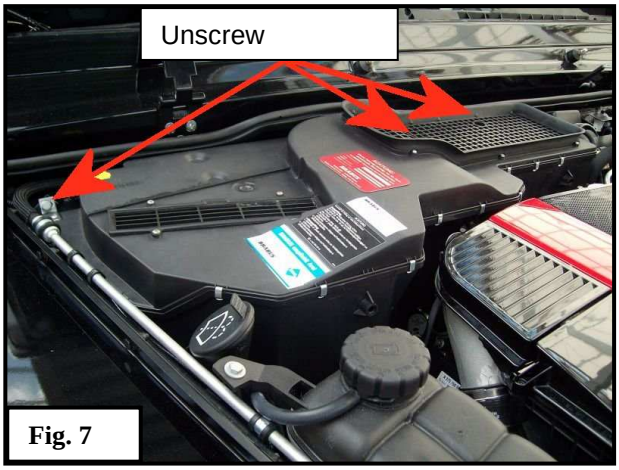


Fig. 7

11. Lead the red cable of the Brabus wiring through the grommet that finds at the bulkhead (Fig. 8) into the internal space of the car.

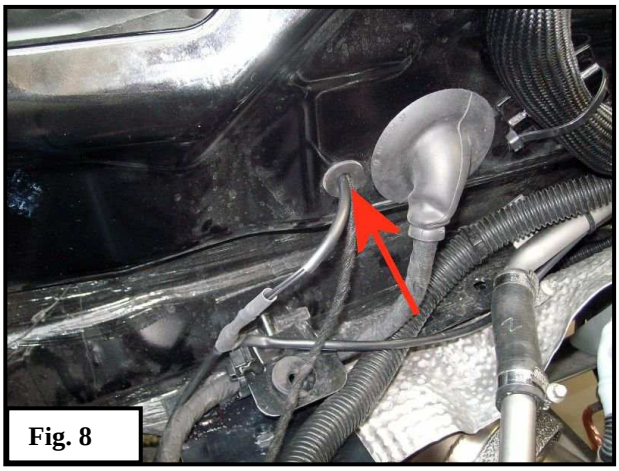
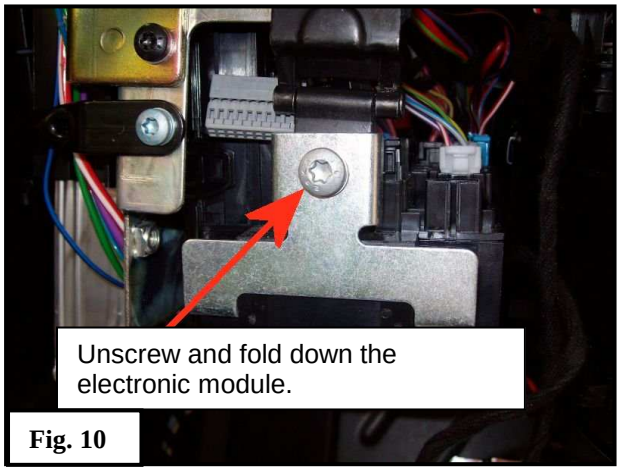


Fig. 8

12. Remove the lower dashboard cover, loosen the screw of the central electronic module and fold it down (Fig.9,10).



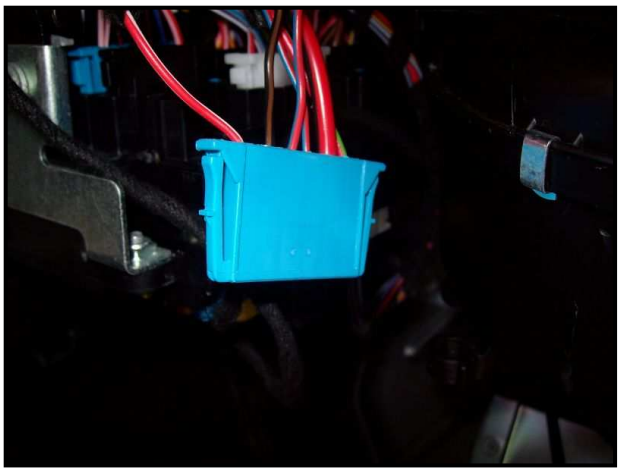
Fig. 9

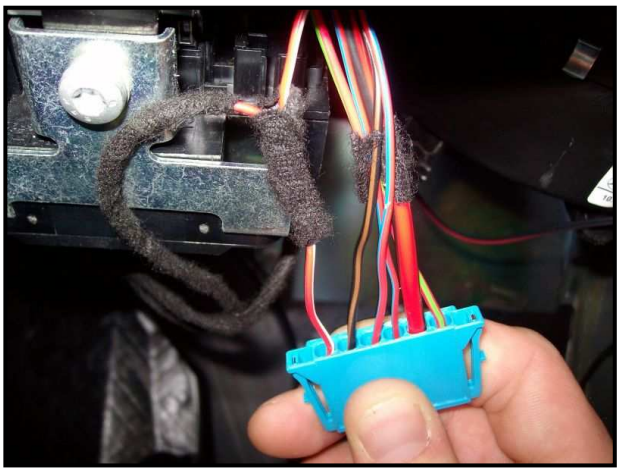


Unscrew and fold down the electronic module.

Fig. 10

13. Clip out the blue plug that finds in the following figure, solder the red cable of the Brabus wiring parallelly to the cable of Pin 1.





14. Isolate the soldering connection and fix the blue plug to the central electronic module. Reattach the central electronic module.

15. Reattach the lower dashboard cover, the fan housing, the wheelarch liner, the headlamp and the front grille.

16. Attach the Daytime running lights to the BRABUS frames according to fig 11, 12 by using the delivered screws.
Please take care to use the delivered toothed dics which have to be fitted at both sides of the daytime running light (2 pieces at each side).
Remove the headlamp spray nozzles from the original headlamp frames and attach them to the Brabus frames in the same way.

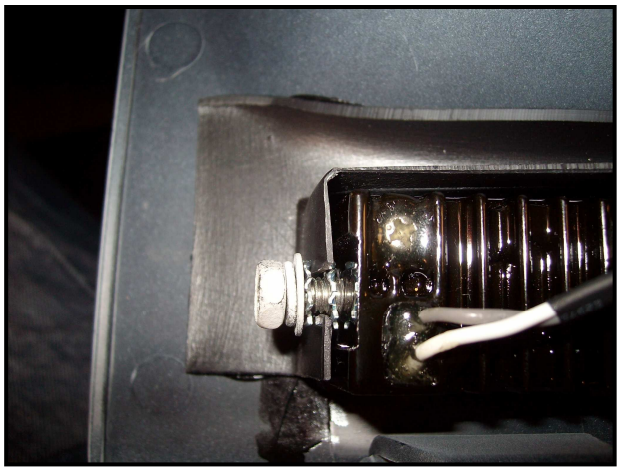




Fig.11

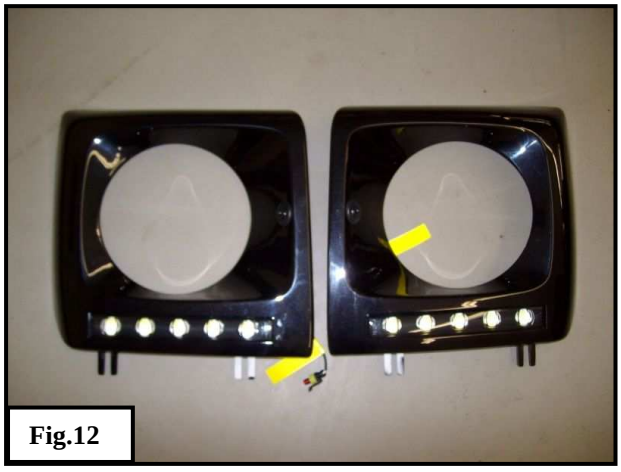


Fig.12

17. Fix the completed headlight frames to the car also in the same way as the original parts. Do not forget to connect the plugs of the daytime running lights.
Perform a function check and make sure that all electrical connections were established in the right way.

BRABUS

Painting Instructions

PUR or ABS-
Plastic Parts

General

Cleaning	Glasurit-Universal Cleaner for Plastics 541-30 (SV 20-0330)
Sanding	Paper P 600 or intensively with Sanding-Pad
Cleaning	Glasurit-Universal Cleaner for Plastics 541-30 (SV 20-0330)
Primer	Glassofix-1 K Plastics Primer, translucent 934-0 (AX 90-0444) Viscosity: ready to spray Application: Cup-spray-gun; nozzle: 1,4 mm; 3-4 bar (45-58 psi) 1-2 coats (thin, but self-contained coat application!) Film thickness (cured film): ca. 10 p.m Flash-off-time (20°C): 15 min. Before Filler-App lication
Filler	Glassodur Tinting Filler 285-75 (AC 85-0075) Mixture A: 100 parts by Vol. 285-75 (AC 85-0075) 50 parts by Vol. Glassodur-Acrylic-Car-Enamel 21 similar to the colour of the enamel top coat now Mixture B: 100 parts by Vol. Mixture A 50 parts by Vol. 521-111 (AZ 21-0111) Glassodur-Soft-Face Additive now 100 parts by Vol. Mixture B 25 parts by Vol. 929-28/2 (SC 29-0282) Glassodur-Hardener, very fast 25 parts by Vol. 352-50 (SV 42-0150) Glassodur-Reducer, fast Application: 2 coats; Film thickness (cured film): 50-60 pm Drying: 40 min., 60°C
Sanding	Paper P 600
Top Coat	Glassodur-Acrylic-Car-Enamel 21- (AD 21-) mix 4:1 with 521-111 (AZ 21-0111), Glassodur-Soft-Face-Additive mixture above 2:1 with Hardener 929- (SC 29-) plus Reducer 352- (SV 41-/ SV 42-) or Glassomax-Base Coat Metallic 54- (AE 54-) or 94- (AE 94-) Glassodur-Acrylic Clear 923-56 (AF 23-0156) 4:1 521-111 (AZ 21-0111), Glassodur-Soft-Face Additive mixture above 2:1 with Hardener 929- (SC 29-) plus Reducer 352- (SV 41- / SV 42-)