

Cut the grille

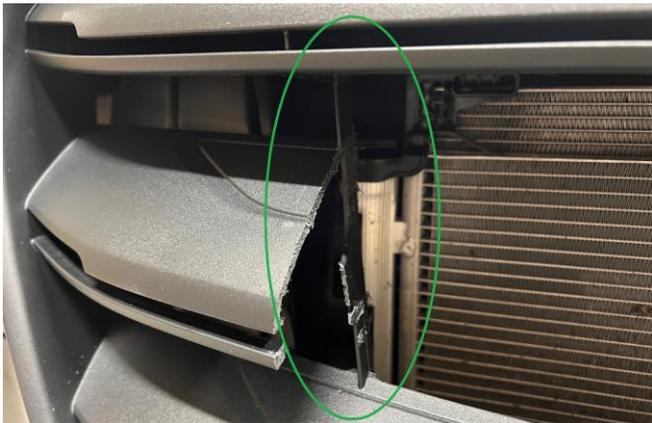
With the grille still on the car; Cut the grille with a multicutter or a hacksaw as shown in the instructions below. Do this on both sides.



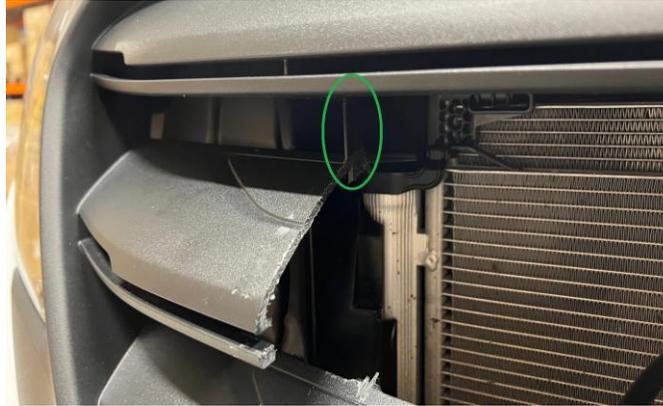
Measure approximately 2 cm from the edge as shown in the picture. (center of grille)



Make a vertical cut along the vertical support, marked green below. Its important to keep this vertical support attached to the horizontal part of the grille.



Keep this profile marked with green attached to the horizontal part of the grille for stiffness and support.



Finished cutout:



Fasten the brackets to the lamp



Notice that there are left and right hand sided mount brackets.

Use extra discs

Use the extra provided screw discs on the inner side of the lamps to allow adjustments of the lamp. The discs provided with the lamps are too big.

Install the brackets to the lamp before installing on the

vehicle. Use loctite on the screws. Leave it just loose enough to be able to adjust the height after installation. Do not over tighten, as this may crack the bracket.

Secure the lamp with the screw

Install the lamp with the brackets on to the car. Drill a 2mm hole and insert the provided screw.



Do not over tighten this, as it may crack the bracket.

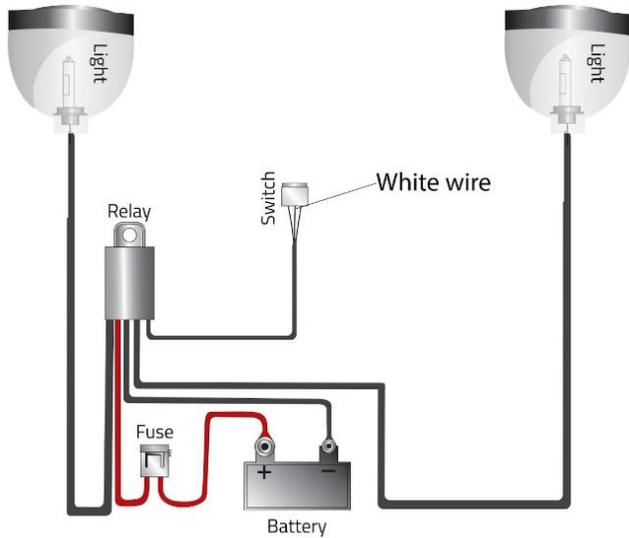
Adjust the lamps



Adjust the light up and down, so the light shines all the way to the end of an alley without the light stopping into the road. It should shine all the way through. You should also adjust the spread of the lamp by adjusting one side in and out. Adjust to fit your desired light spread.

Wiring tips

The lamps should use a DT relay harness SKU: 14719
And it should be connected as shown below.



Alternative wiring

Most of us want to control the lamps with the car's light switch. In such case, disconnect the white wire from the relay harness' switch and connect this white cable to the car's high beam signal, or to the can adapter signal output.



Supplied switch with relay harness.

Canbus signal

Many cars require a Can adapter for a high beam signal. If you are unable to find or measure a 12v high beam signal in your lamp, check out your options with CanM8, XBB or Modernum from your supplier.

For this particular car we can recommend using Modernum MO651200 because it saves about 1 hour. Because the LED-lamps are so powerful it is recommended to use the Modernum as a signal provider and use a relay harness (14719) as the main provider of power to the LED-lamps. In such case connect the Modernum output to the white signal cable on the relay harness (14719).

The can high/low wires are found on the driver side lamp main connector. Follow the instructions on Modernums website and download the correct software for your car there.



LUMEN

Grille kit for light integration

147106

Mercedes Vito

2024



For video instructions scan this with your phone and follow the link

