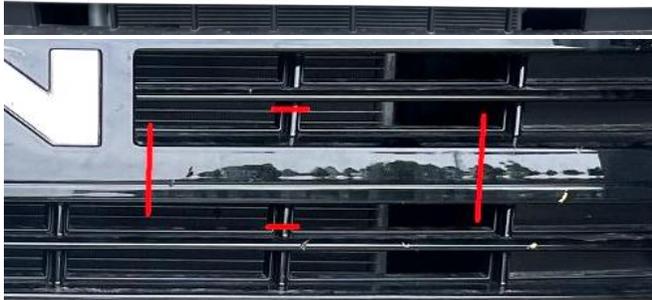


## Cut the grille

With the grille still on the car:

Cut away the horizontal profiles as shown in the picture below. Leave approximately 1cm of the horizontal bars.



Leave 1 cm of the center profile as shown below.



Leave 1cm on the outside profile.



Use a hacksaw or a multi cutter to make the cutout



## Fasten the brackets to the lamp

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.



Connect the lamp before installing. Make sure to use dielectric grease in all connectors.

Gently push the lamp and brackets in place. Both sides at the same time.



Use a 2mm drill before installing the screws. Use the provided screws to secure the lamp.

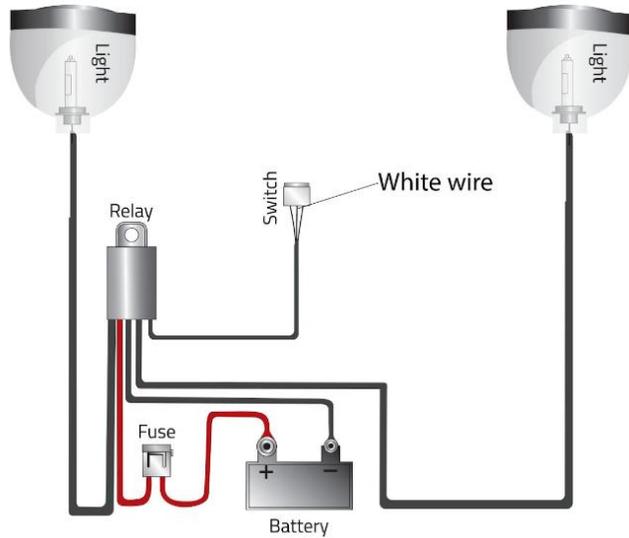
## Adjust the lamps

The lamp can be tilted up and down. It's important to complete this step, or you may experience less light performance.



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. A good rule is that it should be level. That way, it shines straight ahead.

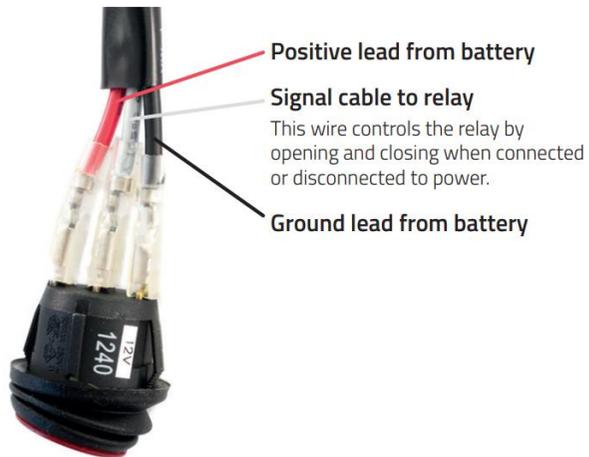
## Wiring tips



## Alternative wiring

*Control the relay with the vehicle's high beam signal*

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



*Supplied switch with relay harness.*

## Canbus wire

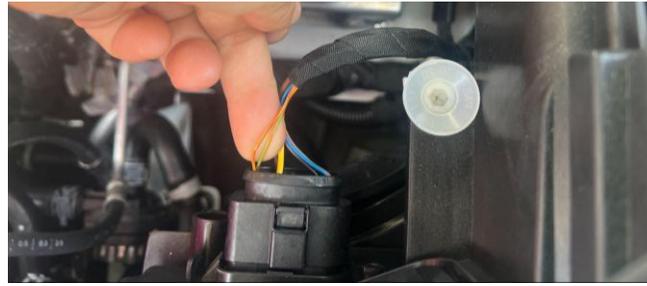
Many cars require a Can adapter for a high beam signal. For this particular model you will find the CAN wires directly on the left lamp connector.

Orange/Green (H)

Orange/Brown (L)

We used the Modernum 1200 Digital Lightning (MO651200) We used the recipe for VW Crafter 2025, since this is the same chassis.

And a long y-split (14943)



On this model we found (+) and ground (-) on the left handside. Connection points marked in the picture above.

# LUMEN

Grille kit for light integration

147139

## MAN TGE 2017+



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

