

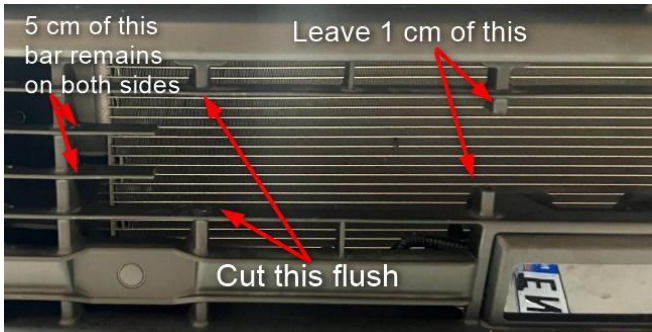
Cut the grille

With the grille still on the car:

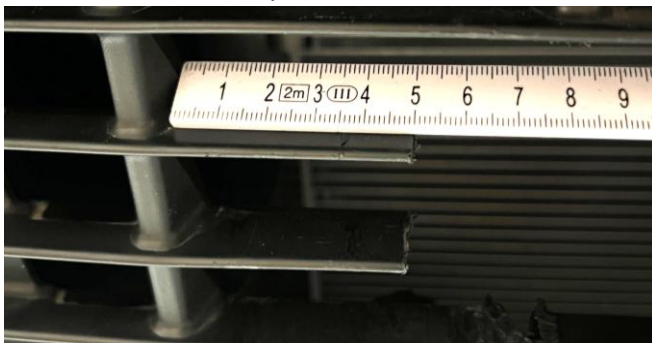
Cut away the horizontal profiles as shown in the picture below. Leave approximately 1cm of the vertical bars. Except the outermost ones - These must be as flush as possible.



Finished cutout shown below.



Leave 5 cm of the horizontal profiles measured from the outermost vertical pillar.



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.



Locking pins

The bracket is equipped with locking pins that must be pulled out before installing the lamp.

When the pins are disengaged, they tilt downward and move clear of the profile, allowing for easy insertion of the lamp into the grille.

Be sure to pull out the locking pins on both sides before proceeding with installation.

Once the lamp is properly positioned, push the locking pins back in to secure the bracket. This will lock the lamp in place and ensure it is held firmly and safely.

Connect the lamp before installing.

Be careful with the locking pins when installing.

Install both sides at the same time.



When in place, simply push in the lockpins to secure it. There will be a small part of the locking pin sticking out so that it can be removed later if needed.



Adjust the lamp

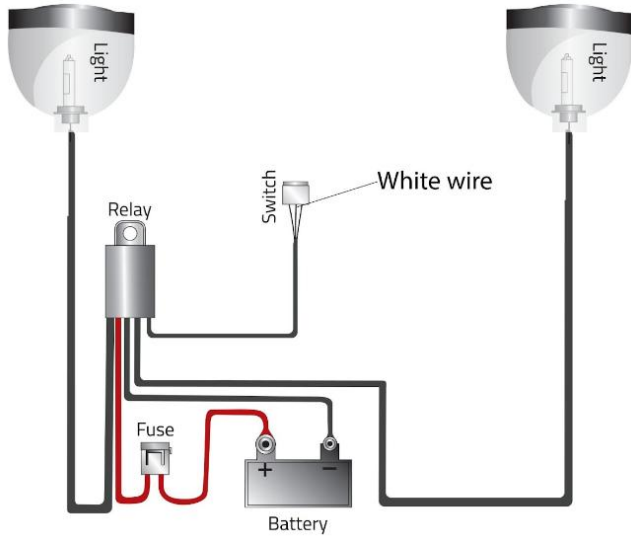
The lamp can be tilted up and down. It's important to complete this step, or you may experience less light performance.



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

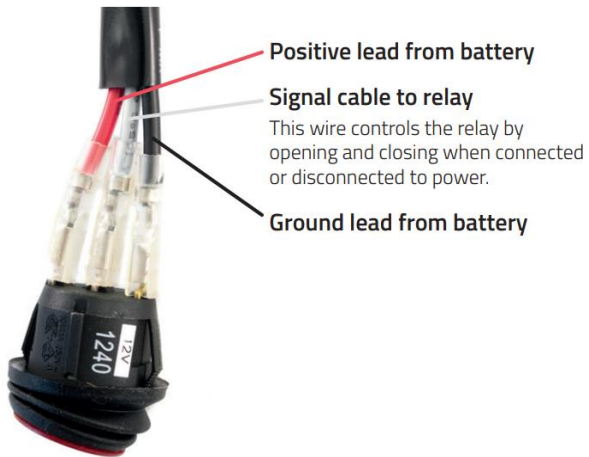
The lamps should use a DT relay harness SKU: 14730
And it should be connected as shown below.



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 a 12V signal directly on the left lamp connector. (Thin green wire). Connect the white wire from the relay harness 14730 to the thin green wire.



For easy access to the fusebox, remove the left headlight fastened by two hex bolts.



LUMEN

Grille kit for light integration

147135

Toyota Pro Ace Max



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

