

Fitment Guide

Brakelight DIY Upgrade Module for CBR250 Tyga V1.0

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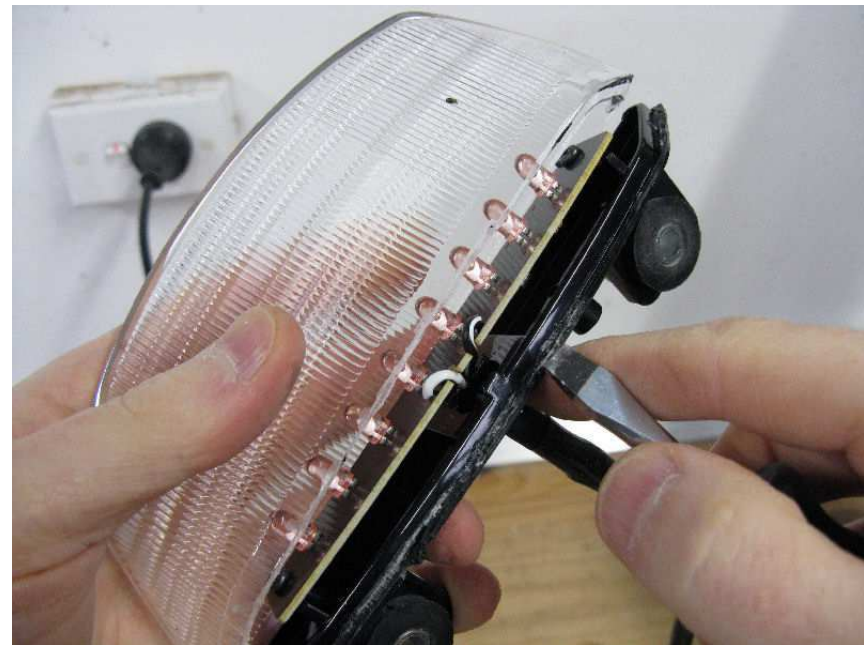
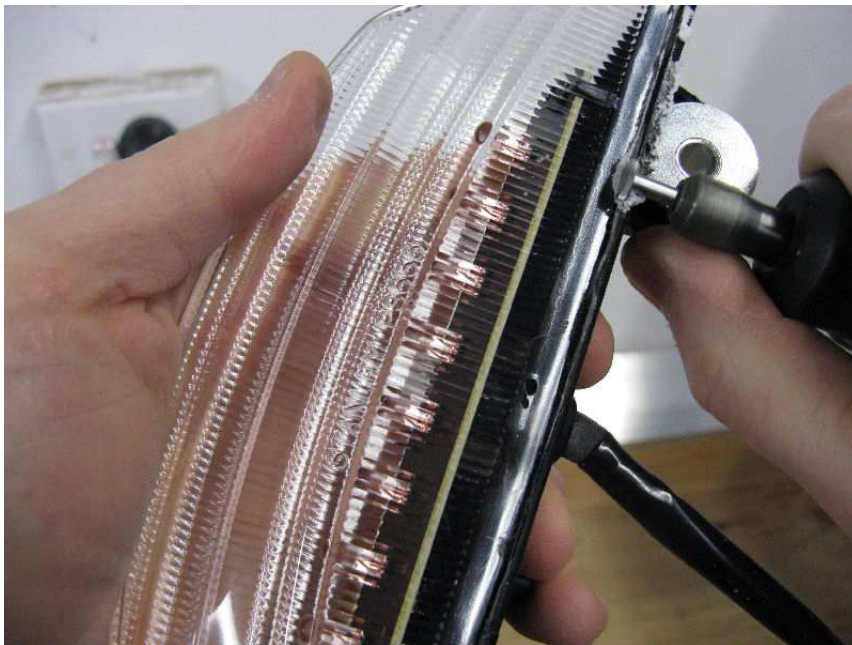


If you sent your brakelight in to Ecliptech to get modified, you don't need this guide.

Fitting Upgrade to the Brakelight Housing

The lens is welded to the backplate. Use a dremel or similar to cut the lens where it is bonding to the backplate. Some areas aren't bonded. A 6.9mm diameter Dremel T-Slot cutter was used in the picture below.

With the majority of the bonded areas removed, use a flat screwdriver to lever the lens off. There is a trick to this. Never "twist" the screwdriver. This turning action will likely chip the lens. Instead, use the flat of the screwdriver to lever the lens away from the back plate in several areas. Given the majority of the bonded areas have been cut, levering around the perimeter will release the final weak areas that are still bonded.



Remove the two screws holding the LED panel on. Cut the wires and remove the wiring from the backplate. Feed the wires from the new upgrade module through the hole in the backplate. One at a time, starting with ones with the extra terminals.

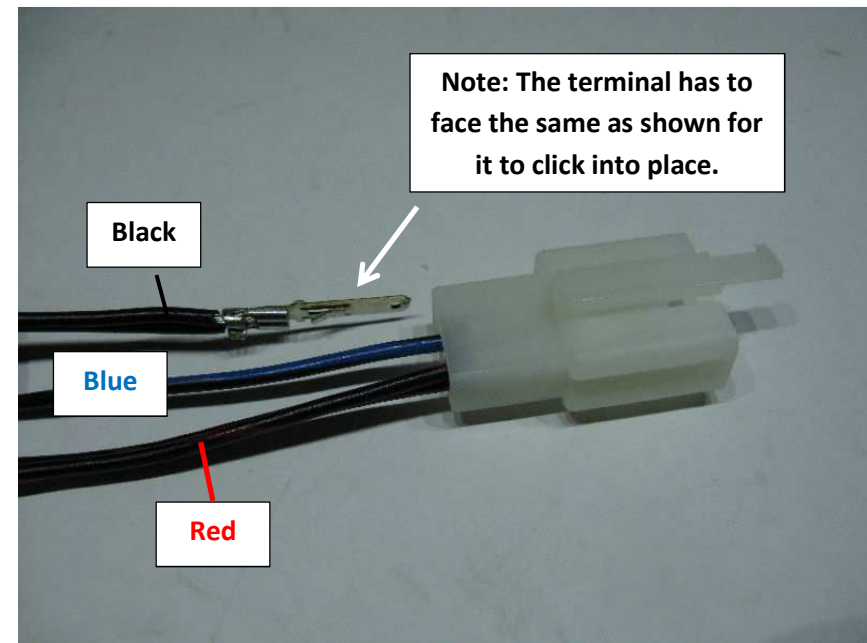


With all 3 wires passed through the backplate, fit the clear rubber jackets to the female bullet terminals, as shown below.



Fit the terminals to the connector housing as shown below.

It is very important to get the wires around the correct way, as well as inserting the terminal with the correct orientation.



Fit the LED upgrade board in place and put the screws back in.



Use a silicone to bond the lens to the back plate. Preference is for an automotive silicon commonly found at automotive stores. Sikaflex 227. A small tube is ~\$16.

Apply the silicon around the edge of the backplate, fit the lens and then use a couple of pieces of tape to hold the lens to the backplate while the silicon cures.

Apply silicon to the wiring hole to seal the hole.

Once the silicon is fully cured, re-fit the brakelight to your bike.



Test your new upgrade brakelight works before riding.