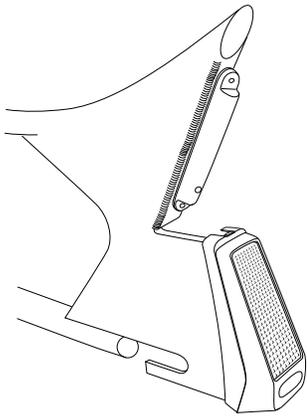


# UPPER TAIL LIGHT

Models: Kaddy / Aloha Mahalo (2004-08)



## INSTALLATION AND BATTERY INSTALLATION

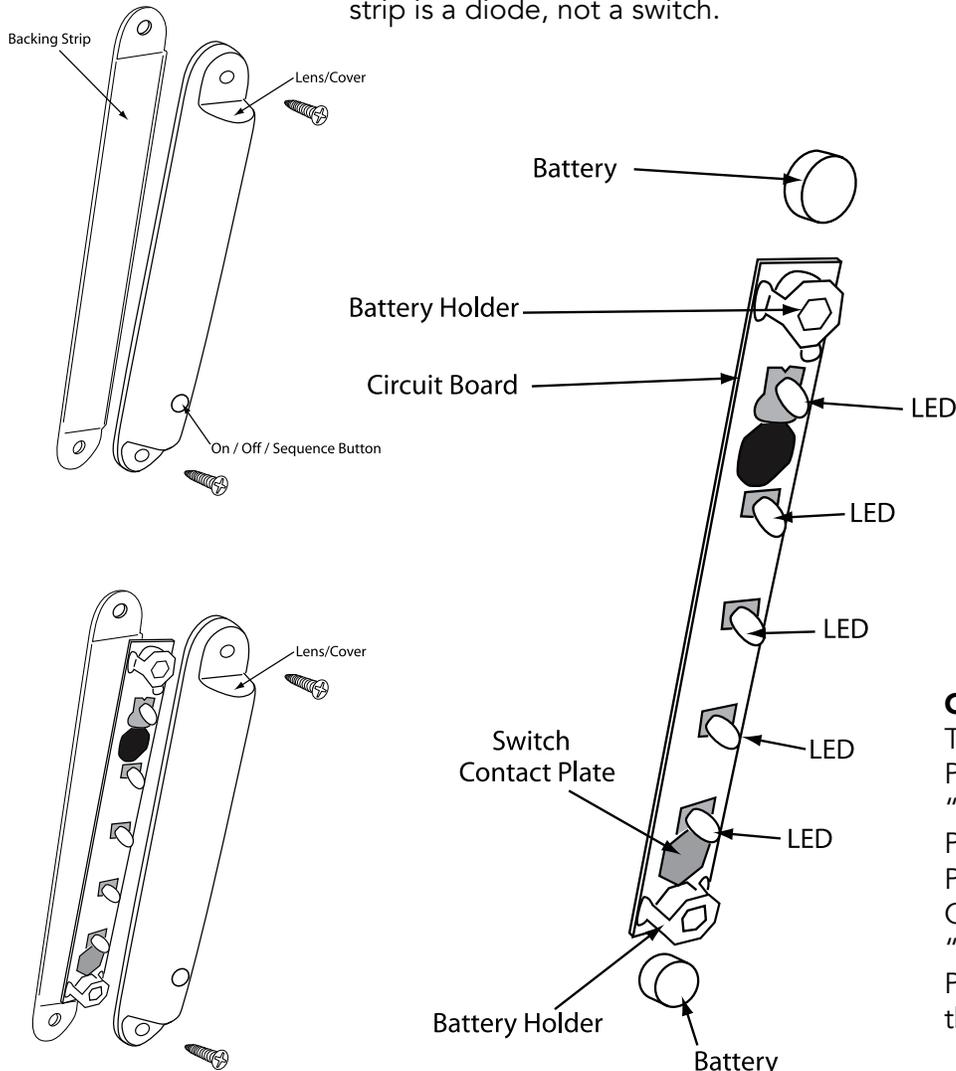
The upper light on the PHAT CYCLES' Kaddy and Aloha Mahalo (1st gen, 2004-08) bicycle is installed at the factory.

Battery replacement should be the only reason for removing or disassembling the upper tail light.

## BATTERY REPLACEMENT

1. Remove the 2 screws that hold the light on the frame.
2. The backing strip should remain attached to the frame via double stick tape, though it may come off with the lens.
3. Remove the circuit board from the assembly (it should simply fall out).
4. The batteries are mounted in sockets at each end of the circuit board. Push the battery out with a toothpick or the sharp end of a pencil.
5. Replace the batteries and re-assemble the light.

**IMPORTANT!** The lens cover has a small bump on the front. This bump is the switch button. It must be aligned with the switch contact plate on the circuit board. The contact plate is the metallic piece on the circuit board between the battery holder and the first L.E.D. The black bump at the other end of the strip is a diode, not a switch.

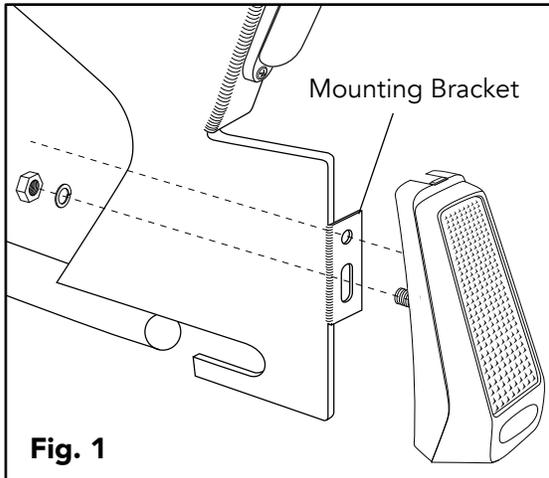


## OPERATION

This light has 4 flash modes, Push the switch button once for "All Flashing" at the same time. Push it again for "All On" mode. Push it again for "Up Down" flashing. One more push changes it to a "Random Flashing" mode. Push it again to return it to the "OFF" mode.

# LOWER TAIL LIGHT

Models: Kaddy / Aloha Mahalo (2004-08)



## INSTALLATION

Important!

Install the light so the screw that holds the lens to the base is located at the bottom of the light (fig. 2).

Insert the threaded stud through the lower hole (slot) on the mounting bracket (fig. 1).

Place the lock washer on the stud and thread on the nut.

Do not over-tighten the nut, which can damage the casing.

## ACTIVATION

The battery is already installed, but you need to remove the insulating strip to activate the light.

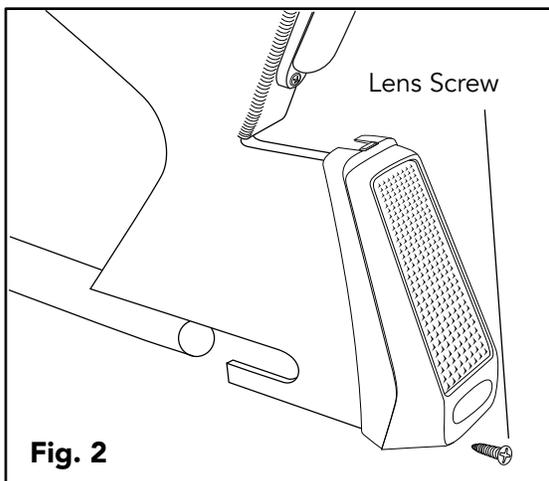
Remove the lens screw (fig. 2) at the bottom of the light.

Remove the lens (fig. 3).

Carefully pull the plastic insulating strip from behind the battery (fig. 4).

Replace the lens and the screw.

Do not over-tighten the lens screw, which could damage the lens.



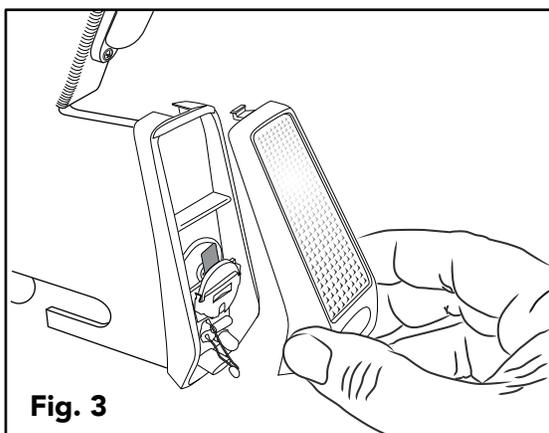
## OPERATION

There is no ON/OFF switch on the lower light.

This light is "Motion" and "Light" sensitive.

The light will not operate in bright light, or when the bike is motionless.

The light only operates when the bike is both in motion and in reduced or low light.



## NOTE

If your bike is not going to be used for an extended period of time, it is best to remove the batteries or replace the insulating strip.

Sensitivity and flasher frequency vary from light to light.

The light on the right side of the bike will probably NOT flash at the same speed as the one on the left or activate at the same time.

