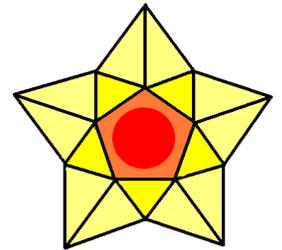


# bikelites

P.O.Box 347  
Lewiston, NY 14092  
Phone: (716)284-0643  
efax: (360)234-5113  
e-mail: bikelites@verizon.net

web page: <http://www.bikelites.net>

2009



## FL-507RB , 7 LED bicycle lights operation instructions:

### 1. Mounting the light:

Install the light on the 1/4" hole of rear reflector stand (after removing the Reflector). If your bike does not have a rear reflector stand, obtain one or a saddle post reflector stand (clamp). Use 2 clamps to mount a pair on handlebar.

### 2. Off-On-Blink pushbutton switch:

Located rear of light case under yellow cap and operates as followings:

Power up 5 LED's blinking ----->Off -----> Taillight -----> 7 LED's blinking -----> Off ----->.....repeating

### 3. Handlebar remote Off switch:

Overrides the Off-On-Blink pushbutton switch of lights, when this switch is set to On the red light blinks with special pattern, the blue light also blink alternatively if turned On by the pushbutton switch rear of blue light's case.

When the blue light is set to taillight, blinking or recently turned off the handlebar switch Will turn both lights blinking with special pattern and no more action is needed on blue light. When the handlebar Blink-Off switch is set to Off both lights will turn Off regardless of what they were set before by Off-On-Blink pushbutton switch. This switch is to be plugged into jacks labeled "Signal" on the lights.

### 4. Batteries:

FL-5072: Use 2 Alkaline AA, the blue light requires more often battery changes than red.

FL-5071: Use 6V, 7.5V , 9V or 12V batteries, 0.5Ah or better for a pair of red and blue lights.

### 5. Changing batteries(FL-5072):

A. Unscrew 2 flathead screws to open the enclosure.

B. Install new batteries pay attention to + or — direction.

C. Lay the paper over batteries.

D. Lay the printed circuit board on top of contacts, the lens on top of it so that the logo is On the same side as integrated circuit below it on circuit board. 5 LED's should blink Indicating batteries, contacts, paper and board are correctly placed and the board contacts to batteries are made.

E. Screw one flat head screw few turns, then turn the second. Do not turn one screw all the way before you start the second.

F. Place the yellow O ring in place when screws are almost tighten, then tighten both screws, turn off from power up's 5 LED blinking pattern and on again ,all 7 LED's should light.

### 6. Installing brake sensor (Red light only):

A. Install the flat metal piece on the rear brake pad mounting screw, you may need to cut the end cap of brake wire, which can be done with a sharp dice. Add an end cap to wire after done.

B. Mount the brake sensor housing on the bicycle frame using a tie wrap, do not tight until done with step D. below.

C. Plug the brake sensor into the jack labeled "brake", the light should be "ON"

# bikelites

P.O.Box 347

Lewiston, NY 14092

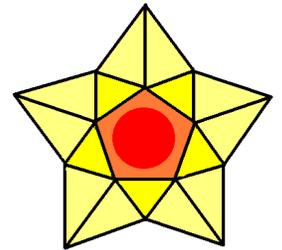
Phone: (716)284-0643

efax: (360)234-5113

e-mail: [bikelites@verizon.net](mailto:bikelites@verizon.net)

web page: <http://www.bikelites.net>

2009



D. Bend and shape the flat metal piece such that it would fit into the sensor gap and block when not braking and move out slightly when braking (bend like “L” for 10 speeds and like “U” for mountain bikes brakes as samples), adjust to make sure braking will turn on the lights and they are off when not braking. Adjust until the light comes on (no brake) then move the flat piece inward to turn off the lights and let it rest, in / out movements of 1/16 “ would be sufficient to turn light off / on afterward.

## 7. Troubleshooting:

A. The light blinks all the times even if the pushbutton switch is pressed:

Low batteries , replace or recharge battery (FL-5071)

Batteries are below 1.35 V, replace batteries (FL-5072)

B. The light was off but 5 LED's started blinking:

Lose contact, the connection to batterie(s) are lost momentarily and upon contact the light starts with 5 LED's blinking (FL-5071).

Lose contact, the connection to batteries are lost momentarily and upon contact the light starts with 5 LED's blinking. Tighten the 2 flathead screws more if problem resists open the case , stretch contacts so they press more against batteries and printed circuit Board. (FL-5072).

C. Otherwise erratic (FL-5072):

Use 2 AA batteries that do not have metal case , if problem solved look for holes In paper separating batteries from printed circuit board. Replace paper if necessary as solder spots at bottom of board were shorting to battery.

*Warranty: bikelites products are warranted, to the original purchaser or gift recipient to be free from any manufacturing defects under normal use and conditions for One year. During that period, should the product fail to operate properly, return with your sales receipt to bikelites for Replacement. This warranty does not cover breakage caused by misuse, or damaged caused by not using the product according to instructions.*