

## 40 HI-Intensity Single Color LED Light Instruction

### Here are a few tips to make the install easier:

- Make sure your ride is cool and parked on a flat, secure surface.
- Next, locate the battery and unhook the battery negative (-) cable. This must be done to avoid a fire hazard.
- Remove seat or side covers as needed to gain access to this area.
- Never use fuses other than the 5 amp/12 volt blade fuse supplied with the installation kit and/or controller. If you are blowing this fuse it means you have a short somewhere in the wiring. Using a larger fuse could result in a fire or fry your lights. Not cool and can be damaged.

Most problems are related to faulty connection or reversed polarity. Rarely is the issue the lights themselves.

### Tools Required for Installation: Screwdrivers - Flat and Phillips,

Wire Strippers & Crimpers, Wrenches .10mm, 3/8" , 7/16" , Heat Gun or Blow Dryer

### Suggested Install Locations :

These are suggested install locations and a good starting point to light up your ride. For some it's all they need. Others will add more to get the look they want. Ultimately, it is up to the owner to decide where to put the lights and how many to install. We always recommend that you temporarily attach the lights to your bike using painters tape or something similar to make sure you get the look you want.

**Tank :** It will mount flat on the bottom of the tank and pour light over the motor.

**Horn and Breather :** Install them on the inside of the horn (left side) and breather backplate (right side). If your bike is different you may need to get creative to light the motor. To hide the wire run it up the backside of the horn and breather bracket.

**Oil/Battery Box :** Align it to light the chrome on the rear of the engine or down onto the transmission below.

**Ground Effects .:** Install it on the frame below the engine. Place it slightly inward. 50a jack or trailer loading won't damage the strip. Some riders choose not to light the ground and will use this piece elsewhere to light the bike.

**Saddlebag/Rear Lighting :** Measure the bag support frames to see what will fit. If there are no saddlebags, you may be able to install the lights inside the rear fender or under the rear fender struts or swingarm.

**Front Wheel :** Depending on your bike set-up, your bike will have single or twin disc brakes up front. Mount one wheel light to the inside of each caliper.

## Bench Testing :

We strongly recommend bench testing your lights BEFORE you mount them to your ride. While we test every light strip and controller before shipping, bench testing your lights will eliminate the possibility of any problems with the lights or controller before mounting. Also, the process of bench testing gives you an opportunity to understand the wiring system without interference of other wires, connectors and cables already on your ride. Bench testing takes 10 or 15 minutes. It's simple to do and can potentially save you hours of time and frustration down the road.

## Mounting Steps :

- 1) Determine the length you need for each of your LED strips by holding them up to the surface where you plan on installing them. You'll want to make sure you have a good idea where the lights will be placed before proceeding.
- 2) Clean the mounting surface with the alcohol towels first. Once the alcohol dries, use the 3M adhesion promoter (aka 'primer') to prepare the surface where you'll be attaching the strips. The 3M adhesion promoter is used to enhance the adhesion strength of the 3M tape on the back of the light strips and makes a permanent bond. YOU CANNOT SKIP THIS STEP. Always apply 3M Promoter to any surface LED strips will be mounted. Note -Do not get the promoter on your hands. Let the promoter dry before proceeding.

## Single Color Wiring Diagram without Remote Control

