



RULE THE NITE™

BOOGY LIGHTS®

High Intensity LED Accent Lighting

Motorcycles · RVs · ATVs · Boats · Golf Carts · Cars · Trucks



Motorsports Accent Lighting Since 1989!

800.847.1359

www.BoogeyLights.com

Thank you for purchasing genuine Boogey Lights® LED Lighting products! We know you're anxious to light your ride but we recommend you take the time to read through these instructions.

For installation support refer to www.BoogeyLights.com or give us a call at 800.847.1359 for assistance.

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 not covered by warranty.
- All LED strips are checked before shipped to you. If you have a strip that is not lighting recheck all work to and from that strip to make sure connections are correct and tightly secured. 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 Stripers & Crimpers, Wrenches - 10mm, 3/8", 7/16", Heat Gun or Blow Dryer

Battery Connection Options

Depending upon the light series you purchased, there are three types of wiring connections:

- Single Color Lights with pushbutton on/off switch
- Single Color Lights with pushbutton on/off switch and remote control
- Multi-Color Lights with pushbutton on/off switch and remote control (or smart phone)

Wiring diagrams for each of the above configurations are available from our website for immediate download at www.BoogeyLights.com.

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. You can also use a 9v battery, attach it to a strip using the included test lead and move around the bike to see how it will look. It won't be as bright but it will give you a good idea.

- **Tank** - Our **Cut N Click** will mount on the inside wall/tunnel of the fuel tank and shine down onto the motor. Our **Value Series** will mount flat on the bottom of the tank and pour light over the motor. Measure your tank to see what will fit. Cut the two strips so you now have a longer piece for each side of the tank. We usually go with a 15, 18 or 21 LED segment depending on the series chosen. Save any smaller/leftover pieces for use below.

- **Horn and Breather** - Use the shorter pieces from above and 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** - Cut one strip to fit the box behind the engine. Should be a 6 or 9 LED segment. Align it to light the chrome on the rear of the engine or down onto the transmission below.

- **Ground Effects** - Take the longer piece from above and install it on the frame below the engine. Place it slightly inward so a 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. FOR TRIKES: Install additional segment under the bike towards the rear to carry the under-glow lighting effect to the rear of the trike. You can also install a segment across the rear above the exhaust tips.

- **Saddlebag/Rear Lighting** - Measure the bag support frames to see what will fit. Cut the strips to fit and mount them slightly inward on the frame to light the wheel, pipes and ground below. 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. Align them to light the wheel as you like. Run the power leads up the brake lines and back to the battery.

Cutting Your LED Light Strips to Length

1) Cutting the VALUE SERIES LED Light Strips – Single and Multi-Color

Our Value Series LED light strips come with 7 –clusters of 3 LEDs for a total of 21 lights. These strips can be as one long strip or cut ONCE into two pieces so you have the following configuration options:

- 1 – 18 cluster and 1 – 3 cluster
- 1 – 15 cluster and 1 – 6 cluster
- 1 – 12 cluster and 1 – 9 cluster

Boogey Lights®

Value Series LED Strip



Cut ONCE in-between segments of 3 LEDs

It is important to cut in the correct location. Cutting incorrectly could damage your lights and is not covered by the warranty. See image for correct location.

Note: Once you cut the wire it is important to slide a small piece of the provided heat shrink tubing over the cut end and shrink it with a hair dryer or heat gun to seal the end. This will prevent moisture from getting into the cut end and shorting out the strip. If you are using the entire piece you may want to cut off the one end of the wire leads. In this case you should not cut too close to the strip. Allow about 1" from the end of the strip to make the cut. It is important to heat shrink this cut as well.

2) Cutting the PREMIUM SERIES LED Light Strips – Multi-Color

Our Premium Series LED Light strips come with 5 – clusters of 3 LEDs for a total of 15 lights. These strips can be used as one long strip or cut ONCE into two pieces so you have the following configuration options:

1 – 12 cluster and 1 – 3 cluster

1 – 9 cluster and 1 – 6 cluster



Cut Locations

It is important to cut in the correct location. Cutting incorrectly could damage your lights and is not covered by the warranty. See image to the left for correct location. These strips have a small dotted line to indicate where to cut. Note that once you cut the wire it is important to slide a small piece of the provided heat shrink tubing over the cut end and shrink it with a hair dryer or heat gun to seal the end. If you are using the entire piece you may want to cut off the one end of the wire leads. In this case you should not cut too close to the strip. Allow about 1" from the end of the strip to make the cut. It is important to heat shrink this cut as well.

3) Cutting the Cut N' Click Premium LED Strips – Single Color

Our Cut N' Click Premium LED strips come with 13 – clusters of 3 LEDs for a total of 39 lights. These strips can also be used as one long strip. Note that the LED lights on these light strips are directional – they shine in one direction. When laying out your project be sure to configure these light strips accordingly. Once they are attached with the tape and promoter they are not easily removed without damage.

It is important to cut in the correct location. Cutting incorrectly could damage your lights and is not covered by



the warranty. See image below for correct location. These strips also have a small image of a scissors to indicate where to cut. When cut, they will have a minimum of 3 LEDs and 1 connector plug for power.

Attaching Your Light Strips

Depending upon the light series you purchased, there are three types of light strips:

- Single Color LED Strips (Value Series)
- Cut N' Click Single Color LED Strips (Premium Series)
- Multi-Color LED Strips (Value Series and Premium Series)

The following instructions apply to all series of LED light strips.

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. We have provided some suggested placement ideas in the following section. 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 supplied alcohol towels first. Once the alcohol dries, use the supplied 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 Boogey Lights® LED strips will be mounted. Note - Do not get the promoter on your hands. Let the promoter dry before proceeding.

BREAK THE GLASS! The promoter tubes supplied with Boogey Lights® kits need to be squeezed in the middle of the tube to release the chemical to the applicator top. Simply press in the center of the tube until you feel the glass break. At that point the liquid promoter will saturate the applicator top and you can then paint on the promoter.

For situations where you are affixing Boogey Lights® to a surface where heavy oils or grease are present, a "degreaser" solvent such as acetone may need to be used first. If you use acetone (or any other degreasing solvent) you must still apply the 3M Promoter. Acetone is not a replacement for promoter. In addition, if you use acetone to clean a heavy oiled or greased surface, you will still need to follow up with an alcohol cleaning to help ensure any residue or film from the acetone is removed. This is because acetone (and most other degreasing solvents) will thin the promoter as well as break down the adhesive in the tape greatly reducing the tape's stickiness. Any surface first cleaned with acetone must also be cleaned with alcohol and then thoroughly dried before painting on promoter.

- 3) We suggest you position the flexible strip before removing the tape backing. When ready, remove a small amount of tape backing from one end of the strip while holding it in position. Continue to peel it off and press as you go to ensure the tape doesn't stick prematurely to the wrong place.

The promoter used will cause immediate and permanent adhesion on contact with the 3M tape so be sure to TAKE YOUR TIME. You must get it right the first time for a guaranteed trouble-free installation.

For best results, attach your lights within one hour or less after the promoter has been applied.

NOTE: While 3M states the promoter and tape combination will not harm painted surfaces, we do not recommend using the promoter on new paint jobs that are not fully cured or aren't at least six months old.

If you need to remove a light strip once placed, you can do so using a hair dryer/heat gun and carefully pulling the light strip off. We recommend using a hard plastic card or similar object (e.g. old credit card) to help pry the light strip off the surface to which it was mounted. If you have to remove the light strip for any reason, the 3M tape on the back of the light strip will not be reusable.

Clean up: 3M Promoter can be removed with isopropyl alcohol. Vigorous scrubbing may be required.

The 3M adhesive tape on the back of Boogey Lights® LED stripes are one-use only. If you apply them to a surface that has not been properly prepared, the holding power of the 3M adhesive tape will be greatly diminished perhaps making the light strip unusable. If you take the time to properly prepare the surface in accordance with our instructions here, you won't have any problems mounting your LEDs.

WARRANTY INFORMATION

The Boogey Lights® original-owner warranty is only available to customers who purchase genuine Boogey Lights® product from www.BoogeyLights.com or an authorized Boogey Lights® dealer and present the original sales receipt from that dealer. THIS WARRANTY IS NULL AND VOID IN THE ABSENCE OF AN ORIGINAL SALES RECEIPT FROM AN AUTHORIZED BOOGEEY LIGHTS® DEALER OR ONLINE PURCHASE FROM WWW.BOOGEYLIGHTS.COM or Boogey Lights on WWW.AMAZON.COM.

This warranty is a product-only warranty and does not cover reimbursement for labor or any other charges you may incur having a defective product replaced.

RMA Authorization Required For Defective Returns

Defective product must be returned for inspection and warranty approval prior to replacement. Product that is physically damaged is not eligible for replacement under warranty. All returns must clearly display an RMA authorization number on the outside of the package. An RMA number will be issued by requesting an [RMA number via email](#) (select the appropriate option from the drop down box) OR by calling our office at 800-847-1359 and selecting option 2. If calling our office, please be sure to have your order number handy which will be printed on your receipt. Any shipment received at our offices without an RMA authorization number clearly listed on the package will be refused and returned to sender.

Cut N' Click™

Cut N' Click™ Flexible LED strips have a limited lifetime warranty to the original purchaser. This warranty covers any defect in material or workmanship that causes any of the LEDs not to light. The warranty does not cover damage to the LEDs, connectors or the strips resulting from improper handling, installation, corrosion, misuse or abuse as determined by Boogey Lights®. This warranty is not transferable. Cutting this product into smaller pieces in no way voids your warranty as it would with other products, as long as you cut the strips along the lines marked with the scissor icons.

Premium Series Products, MEGA and TNT Sticks/Pods

These products have a limited lifetime warranty to the original purchaser. This warranty covers any defect in material or workmanship that causes any of the LEDs not to light. The warranty does not cover damage to the LEDs, connectors or the strips resulting from improper handling, installation, misuse or abuse as determined by Boogey Lights®. This warranty is not transferable.

Value Series™ Products and all Remote Control Units

All Value Series™ products are backed with a 3-year, original owner warranty. The remote control box has a 3-year warranty. Warranty does not cover batteries or the failure of a single fob.

IMPORTANT NOTE! All Boogey Lights® LED and remote control products must be protected with the included 12V fuse. Failure to use this fuse voids the product warranties described herein.

You can register your purchase for warranty by visiting our website at <http://www.BoogeyLights.com/warranty-registration.html>.

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