



Thank you for your purchase of **BOOGHEY LIGHTS® OFF-ROAD LED** products! Because of the wide variety of OFF-ROAD applications and kit variations, where you place the LEDs on your vehicle is up to you. Your imagination is literally the limit. The information here is intended to provide guidance on how to mount the lights.

## **ATTACHING YOUR LIGHT STRIPS**

### Bench Testing:

We strongly recommend bench testing your lights BEFORE you mount them to your boat. 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 boat. 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:

Perhaps it goes without saying when mounting lights on an off-road vehicle but we'll say it anyway ... it's critical the surface you're attaching your lights to be CLEAN and DRY.

- 1) 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.
- 2) 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.

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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.

**IMPORTANT NOTE:** We recommend using rubber gloves when applying 3M Promoter. Do not get 3M Promoter on your hands. Be sure to read the product handling warnings, as it's a very strong chemical.

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.**

### **SUGGESTED PLACEMENT AND OPTIONS**

A typical installation will light the following four areas:

- **WHEEL WELLS.** One Heavy Duty LED strip in each wheel well.
- **UNDER-GLOW.** Two Heavy Duty LEDs on the bottom. Make sure you aren't mounting them where they could be crushed by the weight of the vehicle when bottoming out.
- **GRILL.** Depending upon the amount of room you have, you can mount either low-profile led strips or sealed mini-pods.
- **CANOPY.** Not everyone likes to light the canopy but it can have a nice effect. If lighting the canopy we suggest having a separate on/off switch that will allow you to turn off the canopy lights when the other lights are on. Makes it easier to see for night time riding.

Of course these are only suggestions, your imagination is the limit. Regardless of which areas you're lighting, if your light configuration has a controller, be sure the controller is mounted somewhere accessible and has proper ventilation. Also, you will want to make sure you mount the controller in an area that is unlikely to be submerged in water. A popular location for SXS and ATVs is in or near the battery box.

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