



PLEASE READ

Thank you for your purchase of **BOOGIE LIGHTS® HEAVY DUTY LED** strips! If you need assistance or have questions, we can be reached online at BoogeyLights.com or via phone at 800.847.1359.

Preparing the Mounting Surface: Since 1989 we have installed accent lighting on just about every possible type of motorsports vehicle known to man – from motorcycles to airplanes. The one thing all of these applications have in common is they often operate in harsh environments where they are exposed to heat, vibration, cold, dust, dirt, wind and water. We've learned from experience the importance of properly preparing the mounting surface. Even though these Heavy Duty LED strips can be screwed to the mounting surface, the screws (if used) only hold the ends. They will not secure the middle of the LED strip to the mounting surface. As such it's important to prepare the surface using **3M® 94 Adhesion Promoter** (aka Primer). **You do this by first cleaning the surface using rubbing alcohol. It's important the surface be free of all dirt, wax or oil prior to installation. Next, paint on a thin coat of 3M® 94 Adhesion Promoter to the mounting surface. Do not skip this step or the strip will likely not stay stuck very long. 3M® 94 Adhesion Promoter can be purchased on our website or at retailers across the country. It is available in 8oz cans, small sponge applicator tubes and single application wipes. DO NOT SKIP THIS STEP.**

Installation: After you have prepared the surface and painted on the 3M® Adhesion Promoter, wait about a minute and then peel the red film from the back of the LED strip. Now, carefully press the LED strip to the mounting surface, applying pressure for about 30 seconds. Next, fasten the two ends of the strip using the included #4 stainless steel screws or an appropriately sized mounting screw. For single color strips connect the red wire to your 12vdc + power source and the black to the 12v -. If you are installing our multi-color Heavy Duty LED strip you will need to connect each of the four wires on the LED strip to the controller (see wiring diagram included with the controller). If you need to extend the power lead wire, be sure to use 22 – 26 gauge automotive grade wire (available for sale on our website).

Bench Testing: Before shipping, we tested the lights to make sure they work. We suggest bench testing the lights (and controller if purchased) before installing. Doing so will also help you understand the wiring setup.

Mounting Screws: Each Heavy Duty strip includes two #4 stainless steel screws. They're 3/8" long. While they will work for many installation environments, they won't work for all. You may need to purchase other screws in these situations. Note that the size of the pilot hole you'll need to drill for these mounting screws will vary depending on the material you're screwing into. A #4 screw has a diameter of .11" (closest fraction is 7/64"). For soft material (e.g. wood, vinyl or plastic), a 1/16" pilot hole will typically work. For steel or aluminum you'll need a larger hole depending upon the thickness. A 5/64" pilot hole will often work but even then you may need to widen the hole slightly depending upon the material you're screwing into. Because the mounting screw isn't holding any weight, it's more

important to get the screw in the hole than it is for that screw to be snug in the hole. So a larger pilot hole is OK. Worst case, if the pilot hole is too big, secure the screw in the hole with some silicone. The goal is to keep the end of the LED strip from moving.

Bending: While these Heavy Duty LED Strips are designed to take a beating, it's important you do not bend the strips in a radius of less than 2". Also, do not bend the LED strip on a horizontal plane. Doing so will damage the circuit traces on the PCB board causing the LED strip to fail and voiding the warranty.

Do NOT bend the LED strip in a radius of less than 2 inches.



Do NOT bend the LED strip on a horizontal plane.



Warranty: We provide a three year warranty on our Heavy Duty LED lights. Warranty info can be found on our website at BoogeyLights.com/warranty.html. The warranty is a product only warranty. It covers the lights (or remote control) themselves. It does not cover reimbursement for labor or other charges involved in replacing the product. We urge all customers to register their purchase using this online form: BoogeyLights.com/warranty-registration.html.