



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 vehicles 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. DO NOT SKIP THIS STEP.**

Using 3M Adhesion Promoter: 3M Promoter is a powerful adhesion primer. You don’t need a lot to make it work. A single swipe with a clean dry cloth on the surface you’re mounting the light strip to is all you need. Once you paint on the promoter you have at least an hour to mount the light strip, although we recommend proceeding immediately after painting the surface with the 3M Promoter. The primer instantly bonds the 3M tape on the back of the LED light strip to the mounting surface. Once the 3M tape on the back of the LED strips touches a surface that has been treated with the 3M promoter, they will instantly bond together. You will not be able to break that bond without damaging the strip so make sure you have the placement where you want it the first time. There are no do-overs when using 3M Promoter and 3M VHB tape.

Installation: After you have prepared the surface, 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 flat mounting surface, applying light pressure for about 30 seconds. Next, fasten the two ends of the strip using #4 screws or an appropriately sized mounting screw. **DO NOT TORQUE** them down. The screws are designed to hold the ends of the strip against the surface. The end caps are glued to the black PVC rubber that encases the LED strip itself. Torqueing them down will cause the end cap to spin and pull away from the PVC rubber. This is by design so the LED strip itself isn't damaged. The strip must be mounted flat against a contiguous rigid mounting surface, in a straight line. Really important that the entire strip be secured to the mounting surface and that you **NOT** attempt to span across multiple mounting surfaces. If you do, the strip will almost certainly fail in the spot that isn’t affixed firmly to the mounting surface. If you don’t have a smooth, flat, contiguous mounting surface we recommend riveting (or screwing) 1.5” wide

aluminum or plastic flat stock to the surface and then mount the LED strip to that flat stock. Do not use zip ties or similar to secure these strips. You must use the 3M tape and Adhesion Primer. Product failures due to improper installation are not covered under warranty.

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 without interference from other wires, connectors and cables. You must use a 12vdc power source to test your lights (e.g. car battery, motorcycle battery, lawn tractor battery or 12vdc power supply). A handheld multimeter is highly recommended to verify the 12v source.

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: Depending upon the application, we provide a one year to three year warranty on our Heavy Duty LED lights. Warranty specifics can be found on our website at www.BoogeyLights.com/warranty/. The warranty is a product only warranty against manufacturing defect. It covers the lights (or remote control) themselves. It does not cover reimbursement for labor or other charges involved in replacing the product (including shipping charges). We urge all customers to register their purchase using this online form: <https://www.boogeylights.com/warranty-registration/>. To make a warranty claim, open a support ticket here: <https://www.boogeylights.com/contact-us/>. You will be required to provide photos of the strip and installation.