

# CARE & MAINTENANCE OF YOUR BOOGIE LIGHTS® LED LIGHT SYSTEM

Thank you for your purchase of **BOOGIE LIGHTS®** LED Lighting products! We're thrilled you selected Boogey Lights®. We're quite proud of our product, our service and our warranty. Here are some tips to maintain your lighting system.

## **CLEANING**

As with any lighting system mounted on any type of vehicle, dirt will build up on the surface of the lights. It's unavoidable. That dirt will of course make the lights appear dimmer. We recommend cleaning the LEDs using a soft cloth and water/soap. Do not use a caustic cleaner as some cleaning chemicals if allowed to dry on the coating surface will eventually corrode the epoxy coating allowing water intrusion into the LED strip. For RVs and Semi Trucks, running the vehicle through a Blue Beacon wash (or similar) is a good option to keep the LEDs mounted on the bottom of the vehicle clean. Just make sure they don't use any brushes on the lights directly.

## **STORING**

If you're going to be storing / not using your vehicle for any length of time, we recommend pulling the fuse out of the circuit. This way the LED Controller (assuming you have one installed in the system) won't be powered up all the time. No reason to keep the system energized when it's sitting. Another way to accomplish the same goal is to install a battery cut off switch that turns off power to the controller when not in use. Note too you might want to remove the batteries from your RF hand held remote as well.

## **EXTENDED USE**

The LEDs used in Boogey Lights® products are very bright; the brightest 12vdc LED lights available. They're designed to be used for accent lighting applications where they are typically powered on for a few hours and then powered off. While they can be used in functional lighting applications (e.g. bright white to temporarily illuminate a work area), the lights should not be left powered on for extended periods of time (e.g. 6+ hours). If the LEDs are left powered on for long periods of time - particularly on their brightest setting - the LEDs closest to the power source may have a burned look to them over time. This is because the amount of voltage being pulled through the LEDs closest to the power source will be higher than the voltage going through the LEDs further down the strip. The end result is that those LEDs closest to the power source will be hotter thus creating the burned look. This will occur mostly when displaying the color white on a full brightness setting but can also occur with other colors that pull a lot of amperage. For this reason, we do not suggest leaving these LED lights powered up for extended periods of time particularly on their brightest setting. Burned looking LEDs is not covered under warranty.

## **VISUAL INSPECTION**

Most issues with these lighting systems are caused by an LED strip or power lead cable being damaged or coming loose as a result of some external event (eg: road debris). In many cases, the issue goes unnoticed for a period of time until the point at which there's a short or some other adverse event impacts the operation of the lighting system making it obvious something is wrong. In our experience, doing a visual inspection will often catch these issues before they get to a point where they impact the operation of the lighting system. For this reason, we suggest doing a visual inspection of the lighting system installed on your vehicle from time to time. In particular pay attention to the power lead cables and LED strips. If for example you see a power lead cable dangling or moving more than it should, securing that cable so it can't move can avoid a system failure in the future. Same too for the LED controller, fuse holder and battery connections. Visually inspecting the LED Controller and the connection to the power source (including the fuse and fuse holder) is a good idea. Look for signs of chaffing of the cabling and / or the fuse holder getting hot (indicating the system is using more amperage than the system was designed for).

As the saying goes, an ounce of prevention is worth a pound of cure.