# DIODE DYNAMICS
### *PERFORMANCE LIGHTING TECHNOLOGY*

## Universal Grille LED Kit
## Installation Guide



Thank you for purchasing the Diode Dynamics Grille LED Kit!

**Tools Needed:** Drill with 3/4" bit, Needle Nose Pliers, Phillips Screwdriver, Flathead Screwdriver, Socket Wrench Set

**3 YEAR**
*WARRANTY*

## Wiring Harness



**1.** Locate where to mount the LED strips. Be sure that the surface is clean before mounting. Mount the LED strips using the 3M adhesive backing. If possible, use zip ties to secure the LED strips. The bumper may need to be removed for installation.

**2.** Connect the ring terminal from the black wire on the wiring harness Ⓐ to a chassis ground or the negative terminal on the battery.

*See back for further instructions.*

**3.** Connect the red wire on the wiring harness ⒠ to the positive terminal on the battery.

**4.** Connect the LED strips to the wiring harness:

**Multicolor RGBW Kit:** Plug the DC connector ⒝ into the included DC-to-DT adapter wire. Then plug the DT connector into your RGBW controller. Plug the M8 connector on each strip into the controller.

**Single Color Kit:** Insert the red (+) and black (-) wires on each strip into the positive (+) and negative (-) slots on the green tip of the DC screw terminal. Plug each DC screw terminal into the splitter wire. Then plug the splitter wire into the DC connector ⒝.

**5.** Run the red and black wires ⒟ from the exterior, through the hole in the firewall, and into the interior.

**6.** Plug the pink spade connectors from the red and black wires into the silver pins on the back of the toggle switch. Connect the additional ground wire ⒞ to the copper pin on the switch, and ground it to any bare metal bolt inside the cab. Mount the switch wherever you wish.

## Troubleshooting

1. If your kit is not illuminating:

    A. Check that your power ⒠ and ground connections ⒜ have full connection and a solid and bare metal ground.

    B. Check that the spades ⒟ are both on the silver male prongs on the switch, and the additional ground ⒞ is on the copper pin.

Please contact **Diode Dynamics** should you have any questions about the installation or wiring process, at **314-205-3033** (9a-5p CST) or **contact@diodedynamics.com.**

**This installation guide is for the following SKU:**

**DD0249** Amber Standard Grille LED Kit
**DD0250** Blue Standard Grille LED Kit
**DD0251** Red Standard Grille LED Kit
**DD0252** Green Standard Grille LED Kit

**DD0252** Cool White Standard Grille LED Kit
**DD0441** RGBW Grille Strip Kit 2pc
**DD0445** RGBW Grille Strip Kit 4pc

**100% SATISFACTION**
GUARANTEE

**3 YEAR**
*WARRANTY*