

DIODE DYNAMICS

PERFORMANCE LIGHTING TECHNOLOGY

10-13 Chevrolet Camaro RS / 12-15 Camaro ZL1 RGBW™ LED Board Installation Guide

Thank you for your purchase of this unique product for your Chevrolet Camaro! With these modules, you will be able to control the color of your factory-installed LED "halos" inside the headlight. They are a direct replacement for the factory LED panels which illuminate these rings.



**3 YEAR
WARRANTY**



Please note: Headlights must be opened before proceeding with installation. Professional installation is strongly recommended. Please contact Diode Dynamics if you need assistance locating an installer.

Tools Needed: Torx T-10 Ratchet or Screwdriver



1. To begin, remove the lens from the headlamp. Disconnect the factory LED board by depressing on the white clip and pulling straight back. Set the back of the headlamp assembly aside.



2. Looking at the lens assembly, remove the four screws holding the heat sink to the black inner shroud.



3. Next, remove the heatsink from the assembly by pulling up on the inner shroud and then pulling straight up on the heatsink to release it. Set the heatsink aside.

4. Remove the factory LED board and replace it with your new Diode Dynamics LED board using the same alignment pins. Be sure the LED chips are facing down.



5. Then reinstall the heatsink using the same alignment holes and replace the four original screws.

6. Run the wires through the dust cap in the headlamp, sealing any holes you may create. Once complete, replace the headlamp lens and repeat for other headlamp.

See back for further instructions.



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Wiring Instructions

8. Connect each LED Board connector to the RGBW Drivers. Next, take the bare wires from the RGBW Drivers and connect them to the RGBW Controller. All wires must be inserted into the corresponding slot on the controller in order for the boards to work (i.e. all white wires must be inserted into the white slot, etc.). See wiring method diagram below.




IMPORTANT: DO NOT plug the LED panel directly into controller without the driver. The LEDs must be plugged into driver first to control the power.


9. Connect your RGBW controller to 12V power and ground. This will dictate when the panels turn on. The most popular wiring choice is to tap one red(+) wire to the factory DRL, the other red(+) wire to the parking light, and lastly, the black wire to ground.

10. Mount drivers and controller, and tuck all wires. Drivers should be mounted outside of headlight for serviceability, in a location away from the engine block to avoid excessive heat buildup.

11. Test thoroughly, reseal headlight, and reinstall onto vehicle.

Installation

 **Installation Time:** 1-2 hours (after headlight is open)

 **Tools Needed:** Basic Toolset

 **Modification:** Open and Reseal Lamp

 **RGBW**

This product features full multicolor with True White RGBW technology.