

DIODE DYNAMICS

PERFORMANCE LIGHTING TECHNOLOGY

2015+ Dodge Challenger RGBW™ LED Module Installation Guide

Thank you for your purchase of this unique product for your Dodge Challenger! 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 T10 Screwdriver, Phillips Screwdriver, Socket Head Wrench



1. After opening headlights, remove the factory LED panels by unscrewing the screws holding the main bezel in place. Then remove the screws holding each ring and LED panel underneath to the housing.



2. Pull off the main bezel. Unclip wire connectors and remove the factory LED panels.



3. Place the new Diode Dynamics LED Modules into position, running the wires behind the bezel and out of the lamp.



4. Using the alignment tabs, align the ring and screw back down, securing the LED Modules. Use the original screws. **DO NOT OVERTIGHTEN.**

See back for further instructions.



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Wiring Instructions

8. Connect the LED Board connector to the RGBW Driver. Next, take the bare wires leads from the RGBW Driver and connect them to the RGBW Controller (sold separately). All wires must be inserted into the corresponding slot on the controller in order for the boards to work (i.e. white wire inserted into the white slot, etc.). See 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 remote control power to the Dual Input Module. Next, tap the Dual Input Module wires to any 12V power source. In the table below, we have listed the suggested wires to tap.

DD WIRE	PIN	DRIVER WIRE	PASSENGER WIRE
RED	PIN 6 - PARKING	WHITE/BROWN	WHITE/LIGHT BLUE
RED	PIN 14 - SIDE MARKER	WHITE/PINK	TAN/PINK
BLACK	PIN 7 - GROUND	BLACK	BLACK

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.

NEED MORE HELP?

Scan the QR code to link to our installation video online!

We've taken the time to test our products on your vehicle. We can guarantee compatibility and fitment the first time - no guessing game! If you need more help with installation, watch our step-by-step video to walk you through the process.



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**.