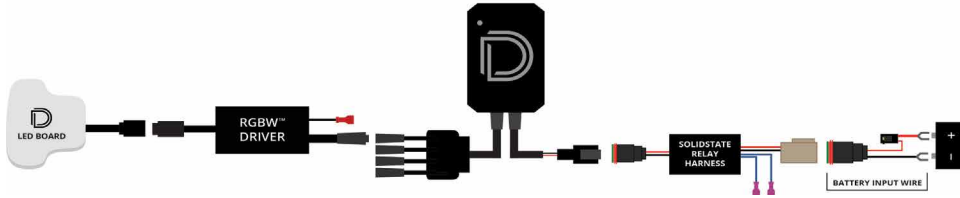


7. Connect the LED board to the RGBW driver. Then connect the driver to a Diode Dynamics LED controller (sold separately). See diagram below.



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.

8. Connect your controller to the SolidState Relay Harness. Connect the battery input wire (included with Diode Dynamics Solid-State Relay) to the harness. Run the battery input wire to the battery and connect to the positive and negative battery terminals.

9. Tap the two blue wires from the SolidState Relay Harness to your power sources. In the table below, we have listed the suggested wires to tap on the headlight harness.

DIODE WIRE	FUNCTION	CONNECTOR	PIN #	DRIVER WIRE	PASSENGER WIRE
BLUE	DRL	Headlamp	3	WHITE/YELLOW	WHITE/DARK BLUE
BLUE	Parking	Headlamp	4	WHITE/BROWN	WHITE/ORANGE
BLACK	Ground	Headlamp	2	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.



DIODE DYNAMICS

PERFORMANCE LIGHTING TECHNOLOGY

2019+ Dodge Charger RGBW™ DRL LED Board Installation Guide



This installation guide is for the following SKU:

DD2282 Charger 2019 Pro-Series RGBW DRL Boards


DIODE DYNAMICS

2019+ Dodge Charger

RGBW™ DRL LED Board Installation Guide

Thank you for your purchase of this unique product for your Dodge Charger! With these modules, you will be able to convert your factory LEDs inside the headlight into full multicolor functionality. They are a direct replacement for the factory LED panels inside the light.



 **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 T15 and T20 Screwdriver



WATCH THE INSTALLATION VIDEO ONLINE!

Scan the QR code on page 3



1. First, access the factory board by removing the four T-20 screws holding the black bezel in place. Once removed, pull the bezel out and set it to the side.



2. Next, remove the two T-20 screws holding the heatsink and black alignment bracket in place. Remove the heatsink and unclip the power connector from the factory board. Remove the two T-15 screws holding the black alignment bracket to the heatsink. Remove the final T-20 screw holding the factory board in place.

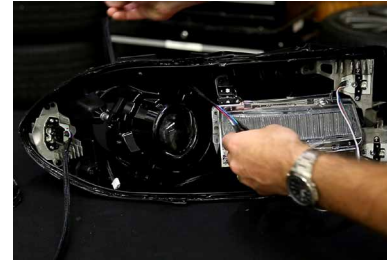


3. Using a firm grip, pull the factory board off and remove the thermal adhesion pad (sil-pad) from the back of the factory board. Reattach the sil-pad to the back of your new Diode Dynamics board.



4. Using the alignment tabs, place the new board into place and replace the original T-20 screw. Next, replace the black alignment bracket using the original T-15 screws. DO NOT OVERTIGHTEN.

Reinstall the heatsink back in the housing using the original T-20 screws



5. Once complete, route the wiring out of the headlamp through the dust cap, sealing any holes that you may create.



6. Using the alignment tabs, reinstall the black bezel. Once complete, replace the original T-20 screws and headlamp lens. Repeat for other headlamp.

See back for further instructions.