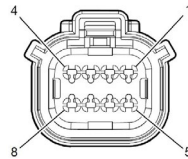


10. Connect your controller to the SolidState Relay Harness output. Connect the battery input wire (included with Diode Dynamics RGBW Controller) to the harness. Run the battery input wire to the battery and connect to the positive and negative battery terminals.

11. Tap one of the blue wires from the SolidState Relay Harness to your power source. This will determine when the LEDs turn on. In the table below, we have listed the suggested wire to tap on the headlight harness, so the LEDs turn on with your parking lights. Alternatively, you can run this to your battery with a switch (not included) if you prefer manual activation and power. The second blue wire will not be used.

DIODE WIRE	FUNCTION	PIN	HARNESS LOCATION	DRIVER WIRE	PASSENGER WIRE
BLUE	PARK/DRL	PIN 8	HEADLIGHT	N/A	BLUE/BROWN
BLACK	GROUND	PIN 2	HEADLIGHT	BLACK	BLACK



Headlight Connector

12. 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 head buildup. Test thoroughly, reseal headlights and reinstall onto vehicle.

Please contact **Diode Dynamics** should you have any questions about the installation or wiring process, at **314-205-3033** (10a-5p CST) or **contact@diodedynamics.com**.

This installation guide is for the following SKUs:

DD2256 Camaro SS/ZL1 2016 RGBW DRL Boards
DD2257 Camaro SS 2016 RGBW Lower DRL Boards

DD2258 Camaro SS 2016 RGBW Upper & Lower DRL Boards

100% SATISFACTION
 GUARANTEE

3 YEAR
 WARRANTY



2016 - 2018 Chevrolet Camaro SS
 RGBW™ DRL 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 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. Before baking the headlight, remove the T20 torx screws holding the ballast to the housing and the three T20 torx screws holding the LED driver to the housing. Disconnect the OEM harness from ballast. Professional installation is strongly recommended. Please contact Diode Dynamics if you need assistance locating an installer.

Tools Needed: Torx T10 and T20 Screwdriver

Upper DRL Board Installation:



1. Remove the six T20 torx screws holding the black bezel in place, including the screw on the backside of the housing. Set the bezel aside.

Remove the four T20 torx screws holding the white optics shroud in place and remove the optics shroud from the assembly.



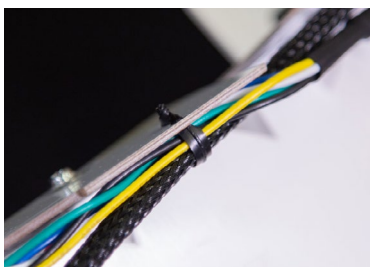
2. Remove the four T10 torx screws holding the factory boards in place. Then remove the factory boards. They won't be reused.



3. Install your new Diode Dynamics LED boards. To do so, install the supplied spacers between the boards and the back of the optics shroud as shown in the picture to the left. The spacers must be used in order to allow enough clearance for the LED chips.



4. Secure the boards in place using the original T10 torx screws.



5. Connect the wiring harness to the LED boards. Ensure the shortest length on the wiring harness is connected to the L1/R1 boards.

Secure the wiring harness to the back of the board using the included zip ties. See picture to the left.



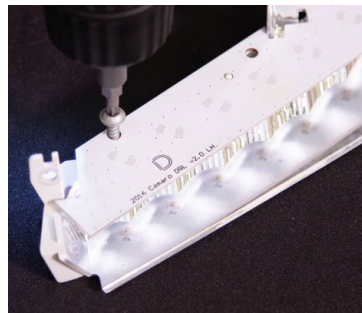
6. Using the original T20 screws, reinstall the white optics shroud and route the wires through the back of the headlight assembly, sealing any holes you may create.



7. Using the original T20 screws, reinstall the black bezel in the headlight assembly.

Once complete, repeat the same process for other headlight.

Lower DRL Board Installation:



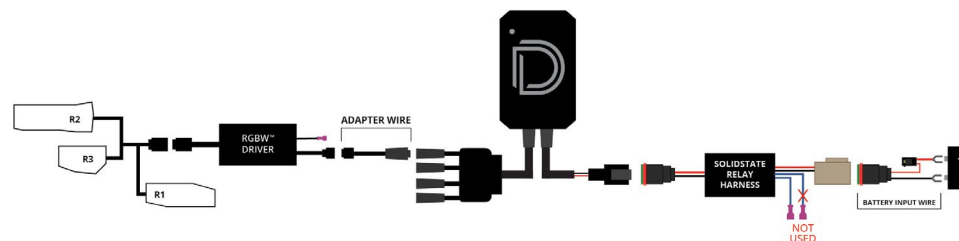
8. After the lens has been removed, remove the three T20 torx screws holding the reflector in place.

Remove the three T20 torx screws holding the LED board to the reflector. Remove the factory board and replace with your new Diode Dynamics LED board using the original screws.

Using the original screws, reinstall the reflector back into the housing. Repeat the same process for the other lamp.

Upper and Lower DRL Wiring Instructions

9. Connect the LED boards to the RGBW driver. Then using the JST-to-M8 adapter wire included with the Diode Dynamics controller, connect the driver to the controller (sold separately).



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.

See back for further instructions.