

# DIODE DYNAMICS

## PERFORMANCE LIGHTING TECHNOLOGY

### 2013-2014 Ford Mustang RGBW™ LED Board Installation Guide

Thank you for your purchase of this unique product for your Ford Mustang! 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 headlight.



**3 YEAR  
WARRANTY**



**Please note:** Headlights must be opened before proceeding with installation. This process can be completed by heating and prying the lens from the housing. We recommend viewing example videos online to understand the process however, professional installation is strongly recommended. Please contact Diode Dynamics if you need assistance locating an installer.

**Tools Needed:** Screwdriver



1. To begin, remove the screws holding the reflector housing in place and then unclip the wire connector.



2. Next, remove the two screws holding the LED board to the reflector housing and remove the factory LED board. The factory board and driver board will no longer be used.



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

Secure the boards in place using the original screws.

*See back for further instructions.*

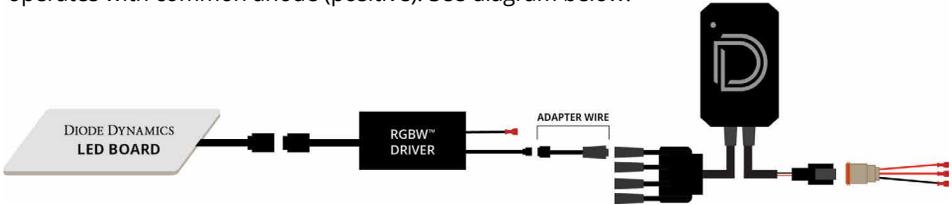




4. Using the alignment tabs, reinstall the reflector housing in the headlamp housing, running the wiring through the dust cap and resealing any holes that you may create. Replace the lens and repeat for other headlamp.

## Wiring Instructions

5. Connect the LED board 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). These modules can be used with any RGB or RGBW controller that operates with common anode (positive). See diagram below.

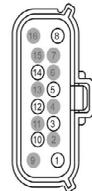


**IMPORTANT: DO NOT plug the LED panel directly into controller without the driver. The LEDs must be plugged into driver first to control the power.**

6. Connect your RGBW controller to 12V power and ground. This will dictate when the panels turn on. The most popular wiring choice is listed in the table below.

DD WIRE	PIN	HARNESS LOCATION	DRIVER WIRE	PASSENGER WIRE
RED	PIN 3 - DRL	HEADLIGHT	BROWN/ORANGE	GREY/ORANGE
RED	PIN 5 - PARKING	HEADLIGHT	VIOLET/WHITE	VIOLET/WHITE
BLACK x2	PIN 14 - GROUND	HEADLIGHT	BLACK/GREY	BLACK/YELLOW

Headlight  
Harness



7. 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.**

8. 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.



This installation guide is for the following SKU: **DD2006** Mustang 2013 RGBW LED Boards