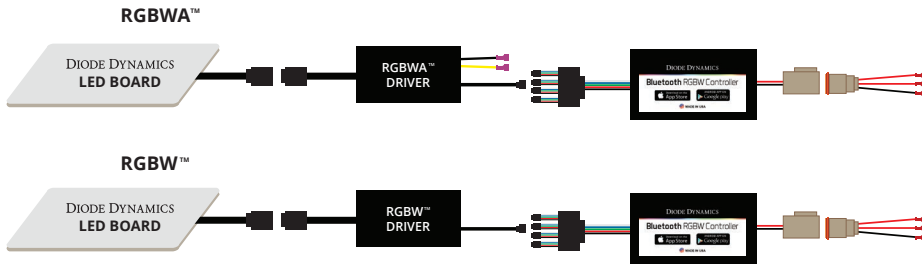


8. Connect the LED board to the RGBW Driver. Then connect the driver to the controller (sold separately). These modules can be used with any RGB or RGBW controller that operates with common anode (positive). See diagram below.



**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.**

9. 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	DRIVER WIRE	PASSENGER WIRE
RED	DRL	WHITE/PURPLE	WHITE/PURPLE
RED	PARKING	PURPLE/WHITE	PURPLE/WHITE
YELLOW *	TURN SIGNAL	LIGHT GREEN/ORANGE	BROWN/YELLOW
BLACK x2**	GROUND	BLACK/GREY	BLACK/GREY

\* yellow wire for RGBWA™ module only

\*\* the second black wire for the RGBWA™ module only

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.

**This installation guide is for the following SKU:**

DD2007 Mustang 2015 RGBW LED Boards

# DIODE DYNAMICS

PERFORMANCE LIGHTING TECHNOLOGY

## 2015-2017 Ford Mustang Pro Series RGBW™ / RGBWA™ DRL LED Board Installation Guide




# DIODE DYNAMICS

2015-2017 Ford Mustang Pro Series

## RGBW™/RGBWA™ DRL 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 white LED DRL “bars” inside the headlight into full multicolor functionality. They are a direct replacement for the factory LED panels inside the light.

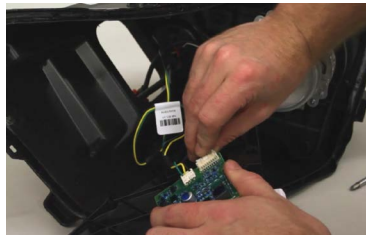


 **Please note:** Headlights must be opened before proceeding with installation. Professional installation is strongly recommended. Please contact Diode Dynamics if you need assistance locating an installer.

**Tools Needed:** Dremel Rotary Tool, Safety Glasses, 5-minute Epoxy, and Phillips Screwdriver



1. Remove the main bezel. Access the factory LED panels by removing the screws holding the DRL housing assembly (white bezel) in place. Once the screws are removed, pull the white bezel away from the headlamp housing.



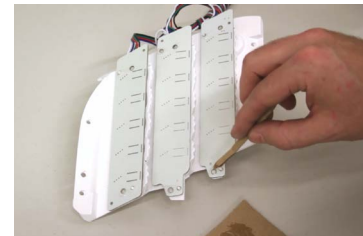
2. Remove the black panel covering the factory driver board by taking out the screws. Pull the black panel out and remove the screws holding the factory driver in place. Pull the driver board up and unplug the wires from the factory boards, unplugging the DRL housing. If desired, you may leave the factory driver in place by replacing the screws.



3. Bring the DRL housing to a clean area. Remove the factory LED boards, by shaving down the plastic rivets holding the LED panels to the housing with a rotary (Dremel) tool. There is a rivet at the top and bottom of each panel. Panels should fall off.



4. Place the new Diode Dynamics LED boards into position. All holes should align perfectly. Due to the larger footprint of the new LEDs, the panels will not push down fully in place. One of the LEDs in each segment may be partially obstructed by the white housing. This is normal fitment, as intended.



5. Fix the new panels in place by applying epoxy or other permanent adhesive where the plastic rivets were shaved down. The epoxy should create a bond between the plastic rivet point and the board. Use enough epoxy so that there is a bond all the way around the rivet, contacting the board fully.



6. Once the epoxy is fully set, reinstall the black panel and white bezel to the main headlight housing using the original screws.



7. Run RGBW ribbon cable out of headlamp, along with the 6-lead sequential connector, sealing any holes that you may create.

*See back for further instructions.*