

# DIODE DYNAMICS

## PERFORMANCE LIGHTING TECHNOLOGY

### 2015+ Dodge Challenger Switchback LED Board Installation Guide

Thank you for your purchase of this unique product for your Dodge Challenger! With these modules, you will be able to convert your factory LEDs inside the headlight into a white running light, along with an amber turn signal. They are a direct replacement for the factory LED panels inside the light.



**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. First, connect the board connector to the Switchback driver output. Connect the Switchback driver input to the pigtail. Finally, tap the bare wires to the wiring harness. See Wiring Method Diagram below. **The black wire must be grounded before any function will work.**



DD WIRE	PIN	DRIVER WIRE	PASSENGER WIRE
WHITE	SIDEMARKER	WHITE/PINK	TAN/PINK
<b>RED</b>	PARKING	WHITE/BROWN	WHITE/LIGHT BLUE
<b>YELLOW</b>	TURN SIGNAL	WHITE/GRAY	WHITE/GRAY
<b>BLACK</b>	GROUND	BLACK	BLACK

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

9. Mount driver and tuck all wires. Driver should be mounted outside of headlight for serviceability, in a location away from the engine block to avoid excessive heat buildup.

10. 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.

YouTube



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**.