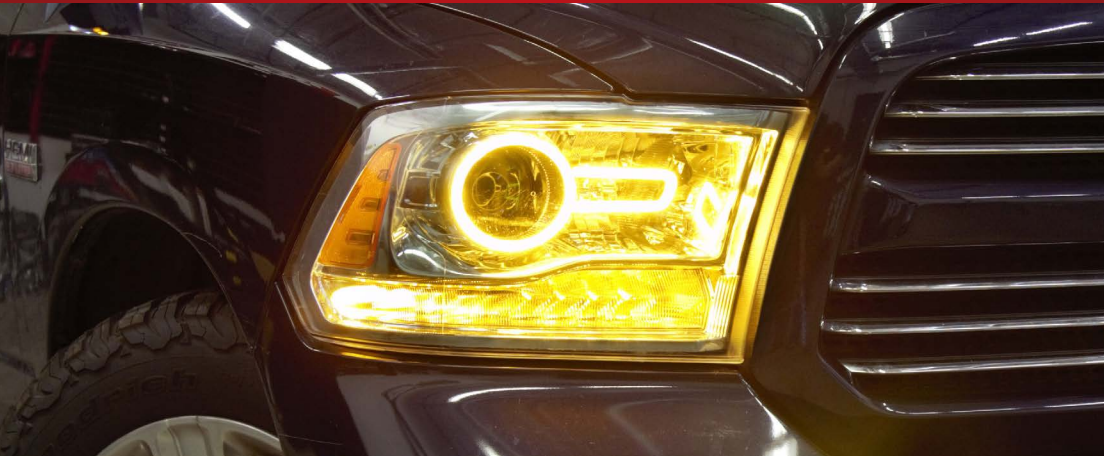# DIODE DYNAMICS
PERFORMANCE LIGHTING TECHNOLOGY

HD HALO™
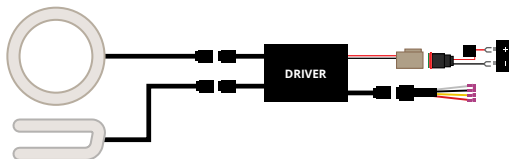## 2013-2018 Ram HD Halos

Thank you for your purchase of custom HD LED Halos for your Ram. With this product, you will be able to add a custom accent inside your headlight to stand out on the road!
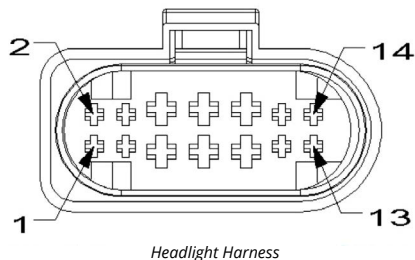
MADE IN USA

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.

1. Once the headlight is opened, mount the halo to the projector bezel using beading wire or epoxy.

2. Next, route the wires to the back of the headlight, sealing any holes that you may create.

3. Connect the halo connector to the driver and then connect the driver to the pigtail. See diagram below.

4. Next, tap the bare wires on the pigtail to 12V power and ground. This will dictate when the panels turn on. In the table below, we have listed the suggested wires to tap.

Headlight Harness

Wiring Instructions

DD WIRE	FUNCTION	PIN	HARNESS LOCATION	DRIVER WIRE	PASSENGER WIRE
WHITE	Low Power, 50% Brightness	PIN 5	Headlight	White/Dark Blue	White/Tan
BLACK	Ground	PIN 6	Headlight	Black	Black
YELLOW	Turn Signal	PIN 12	Headlight	White/Light Green	White/Tan
RED STANDARD CONFIG.	High Power, 100% Brightness	PIN 2	Headlight	White/Brown	White/Orange
RED IF DRL IS ENABLED	High Power, 100% Brightness	PIN 4	Headlight	White/Yellow	White/Dark Blue

Daytime Running Lights (DRLs) are lights that illuminate when the vehicle is running, and when all other lights are turned off. In addition to the standard white light that comes on with your headlights, all Diode Dynamics LED products have a "high brightness" DRL mode available, using the red wire. However, your vehicle may not have a DRL function from the factory, or it may be combined with other functions and not easily accessible. Therefore, our instructions call for the high-brightness red wire to be connected to your parking light signal, so you can turn on your parking lights during the day to achieve a DRL effect. If you would like to add a fulltime DRL to your vehicle, to turn on any time the vehicle is running, you may run 12V ignition power to the red wire instead (harness not included, professional installation support may be required).

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

5. Connect the included battery input wire to your battery or under-hood battery post. Connect RED to power and BLACK to ground.

6. Connect the harness to the driver. This will provide power to the drivers anytime the signals are activated, drawing smooth 12V battery power for reliable operation.

7. 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.

8. Test thoroughly, reseal headlight and reinstall onto vehicle.

This installation guide is for the following SKU:

DD2021 Ram 2013 SB Halo Kit

Discover other accessory lighting on our website.