

# DIODE DYNAMICS

PERFORMANCE LIGHTING TECHNOLOGY

## HD HALO™

2014-2019 Jeep Grand Cherokee HD LED Halos

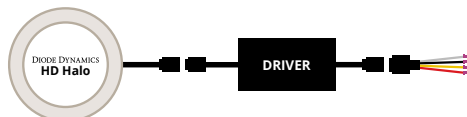


Thank you for your purchase of custom HD LED Halos for your Grand Cherokee. With this product, you will be able to add a brighter white running light, along with an amber turn signal!



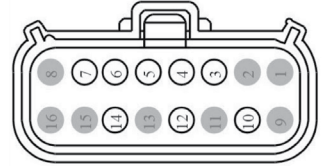
**Please note:** Headlights must be opened before proceeding with installation. This process can be completed by heating and prying the lens from the housing. We recommend viewing example videos online to understand the process however, professional installation is strongly recommended. Please contact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

1. Once the headlight is opened, mount the halo in between the diffuser lens and the factory optics using beading wire or epoxy. The halo should sit on top of the raised edge of the factory clear plastic piece.
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.

**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.**



14 Pin Molex  
HID Headlight Connector

### Wiring Instructions

DD WIRE	FUNCTION	PIN	HARNES LOCATION	DRIVER WIRE	PASSENGER WIRE
WHITE	Low Power, 50% Brightness	PIN 1	Headlight	Orange	White/Orange
BLACK	Ground	PIN 7	Headlight	Black	Black
YELLOW	Turn Signal	PIN 4	Headlight	White/Light Green	White/Tan
RED	High Power, 100% Brightness	PIN 3	Headlight	White/Yellow	White/Dark Blue

5. 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.

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

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

DD2216 Grand Cherokee 2014 SB LED Halos

**100% SATISFACTION  
GUARANTEE**