DIODE DYNAMICS
PERFORMANCE LIGHTING TECHNOLOGY

HD HALO™
2015-2017 Subaru Legacy C-Light Halos
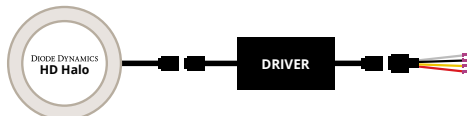**2015-2017 Subaru Outback C-Light Halos**

Thank you for your purchase of C-Light LED Halos for your Subaru. With this product, you will be able to add a brighter white running light, along with an amber turn signal!
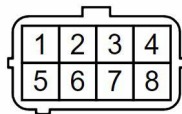
ASSEMBLED IN USA

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.
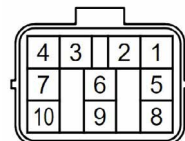
1. Once the headlight is opened, mount the C-Light behind the factory diffuser lens using beading wire or epoxy.

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

3. Connect the C-Light connector to the driver and then connect the driver to the pigtail. See diagram below.

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HD Halo

DRIVER

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.

Standard Headlight Harness

LED Headlight Harness

Wiring Instructions

STANDARD (HALOGEN LOW BEAM)

DD WIRE	FUNCTION	PIN	HARNESS LOCATION	DRIVER WIRE	PASSENGER WIRE
WHITE	Low Power, 50% Brightness	PIN 6	Headlight	Blue	Red
BLACK	Ground	PIN 2	Headlight	Black/White	Black/Red
YELLOW	Turn Signal	PIN 8	Headlight	Black/Green	Red/Green
RED	High Power, 100% Brightness	PIN 7	Headlight	Blue/Black	Blue/Black

LED LOW BEAM MODEL ONLY

DD WIRE	FUNCTION	PIN	HARNESS LOCATION	DRIVER WIRE	PASSENGER WIRE
WHITE	Low Power, 50% Brightness	PIN 2	Headlight	Blue	Red
BLACK	Ground	PIN 5	Headlight	Black	Black
YELLOW	Turn Signal	PIN 7	Headlight	Black/Green	Red/Green
RED	High Power, 100% Brightness	PIN 6	Headlight	Blue/Black	Blue/Black

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. 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:

DD2220 Subaru Legacy/Outback 2015 C-Light SB LED Halos