



**EMPIRE**  
**OFFROAD**

## SKULL Series Headlights Installation Instructions

### Product Specifications

Input Voltage 12-24 vdc

Total Power

-Low Beam 30W

-High Beam 50W

### Max output

Low Beam 3300 lumens

High Beam 5200 lumens

***!!! Disconnect battery before attempting  
any electrical work or installation!!!***

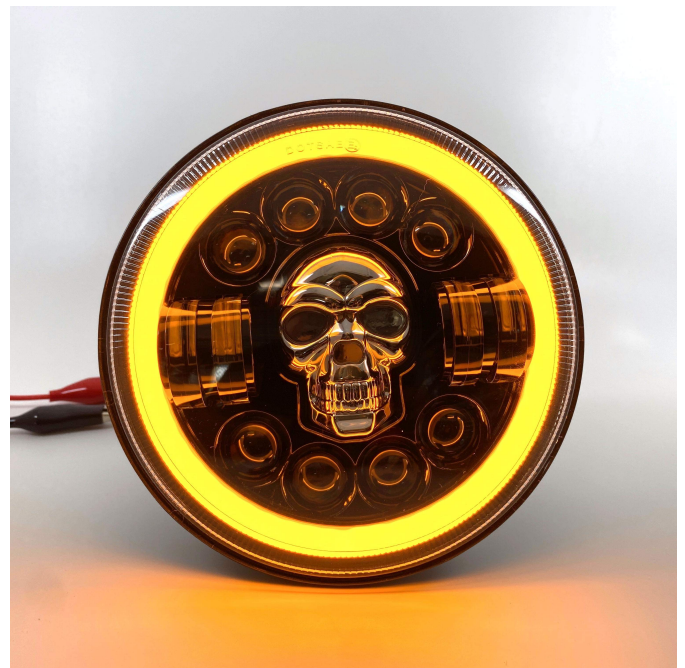
### **Installation Guide:**

1. Disconnect battery.
2. Remove Grille to access headlight retainer rings.
3. Remove headlight retainer rings using T15 Torx screwdriver.
4. Remove old headlights and inspect vehicle wiring harness and connectors for any damage. Repair if needed.
5. Plug in the anti flicker harness to the vehicle headlight plug then connect the headlight main connector to the anti flicker harness.
6. Attach the halo and skull accent wires to a switch or power source of your choosing based on the following options. (Positive +)
  1. ACC wire- if you attach to an accessory circuit the ignition switch will need to be on to power the RGB accents
  2. Positive battery terminal - Attach directly to the positive battery terminal circuit if you wish for the RGB to operate without the ignition switch being on. This option could risk draining the battery if the lights are left on for an extended period of time. Crank up the vehicle to recharge the battery.
7. Yellow/Brown wire - (White halo) usually connects in with the running lights or can be connected to a separate switch for maximum control.
8. Blue wire -(Amber halo) usually connects in with the turn signals left and right respectively. Use resistors to prevent rapid blinking common with LED turn signal.
9. Green wire - (Skulls)- connect to a separate switch to cycle thru the many different looks. (tie both skulls to the same switch or each to a separate switch for even more flexibility in the looks. NOTE: when skull accents are powered off for approximately 15 min, their settings default back to the beginning of the cycle.

10. Connect optional load resistors to eliminate the rapid blink condition common among LED lighting upgrades. One end of the resistor is tapped in to the turn signal wire and the other end of the load resistor is attached to vehicle ground.
11. Reconnect battery and test each function for correct operation.
12. Zip tie or tuck away your wiring to prevent pinching.
13. Reinstall headlight retainer rings - Be careful to not pinch any wires
14. Reinstall Grill and your ready to enjoy your new SKULL Series headlights!

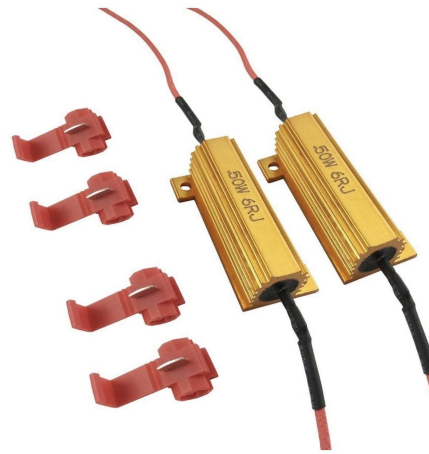


<b>Green wire- Skull color control</b>
<b>Yellow/Brown wire -White Halo</b>
<b>Blue wire -Amber Halo</b>





Anti-Flicker Harness  
(purchased separately)



Load Resistors for Turn Signals  
(purchased separately)

**Color scroll sequence - each time power is applied to the skull control wire the skull color will advance thru the colors in the pattern below.**

Green

Red

Blue

Red

Cyan

Slow Scroll

Fast Scroll

Strobe

Slow Fade