

ORACLE®

CCFL HALO INSTALL GUIDE

TOOLS REQUIRED:



STEP #1: IN ORDER TO OPEN THE LIGHT WE WILL FIRST NEED TO HEAT THE HOUSING. IF USING A HEAT GUN BEGIN BY HEATING THE SEAL EVENLY WHILE CONSTANTLY MOVING THE HEAT GUN. IF USING AN OVEN: PREHEAT TO 225°F AND PLACE THE LIGHT IN THE OVEN FOR 10 MINUTES.



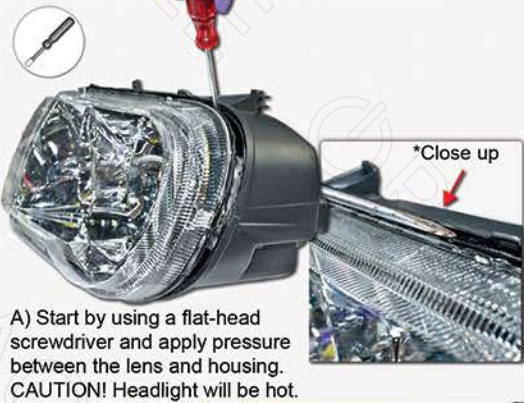
- PRE-HEAT THE OVEN TO 225°F (OR 100°C)
- CENTER LIGHT IN OVEN FOR EVEN HEATING
- SET TIMER FOR 10 MIN (GAS OR ELECTRIC)



SCAN TO WATCH Halo Install DIY VIDEO



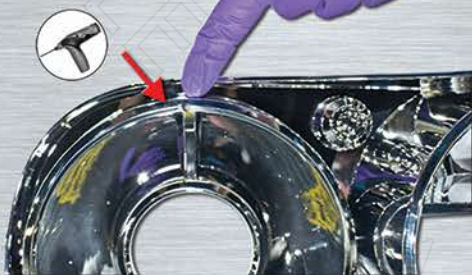
OPENING THE HEADLIGHT:



C) If the lens does not separate from the headlight housing, re-heat the light for 5 minutes and try again. Now separate the chrome housing from the lens.



DRILLING:



TEST THE RINGS:

You can test the rings using your vehicle's battery or use a 12V drill battery.

- Connect the RED wire to "+"
- Connect the BLACK wire to "-"



Feed the wires through the holes you have just drilled. REMEMBER: CCFL rings have two wires.



INSTALL THE RINGS:

Be sure the surface is clean (wipe w/ alcohol) Lightly apply adhesive and place Halos firmly into place



Hold with some pressure to secure. As an extra precaution, you may add additional adhesive to the mounting surface of the ring.



CONTINUED....

ROUTE THE WIRES:

- The best method to route the wires outside of the headlight is to feed them through the existing vents.
- Remove the two grey caps with a screwdriver. Feed the wires through, and snap the caps back on.

*See close up on the right.



Back of chrome housing for referring to wire exit..

This isn't the only way to route the wires, however this the easiest way to do it without drilling any holes. We recommend using this method.



CONNECTING THE DRIVER:

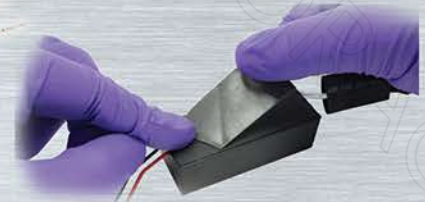
- When all wires have been properly routed, feed the Halo's pins into it's clip.
- Make sure to feed the pins into the outside slots of the clip when attaching

This Driver protects the LEDs from voltage spikes and other electrical anomalies that can cause damage to the LEDs but must be installed properly to be effective



- Do not re-wire or bypass the LED Driver. This will cause LED failure and VOID your product warranty
- Never combine multiple LED Devices into one LED Driver
- If the device is not coming on switch the + and - polarity between the Driver and the Device

Mount the Driver in a safe spot outside your headlight. We suggest using a zip-tie or adhesive like double-sided tape. Be careful not block any venting with the Driver



NOTE: Each Driver is matched to that specific LED Device. DO NOT SWITCH THE DRIVERS.

RE-SEALING THE HEADLIGHT:

ALMOST DONE!

- Check that there is no dust or debris in the light.
- Use compressed air to blow out before reassembly.
- Apply a seamless bead of outdoor grade silicone to the sealant channel.
- Seal wires route opening with Strip Calk or similar sealing putty



CLAMPING THE HEADLIGHT:

Now clamp the lens to the housing and let it sit long enough for the seal to fully set. If you used any type of sealant or silicone follow the instructions on the label for drying time.

Each headlight is different if you do not like using the clamps to hold the light for curing you may also try vise-grips, ratchet straps, or any other means to hold the lens and the housing together.

Remember to tighten down all bolts and screws that you may have loosened or removed. Check for any smudges on the lens or chrome, gently wipe away if there are any.



*Additional Sealant
If you feel that the seal is not completely watertight you can add a "wicking" silicone over the dried seal.



WIRING THE HEADLIGHTS:

Option #1- Connect to the parking lights. This is great if you have white or amber halos that you want to turn on and off by using the factory headlight switch. (Halos will stay on with the headlights).

Option #2- Toggle Switch.

Visit <https://www.oraclelights.com/pages/halo-wiring-faq> to see diagrams.

You Tube

SCAN TO WATCH WIRING DIY VIDEO



WWW.ORACLELIGHTS.COM

