

ORACLE®

2009-2014 FORD F150

HEADLIGHT HALO INSTALLATION GUIDE



TOOLS:



SCREWDRIVER

HEAT SOURCE

ADHESIVE



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)



OPENING THE HEADLIGHT:



A) Start by removing this 7mm screw. Be careful the headlight will be hot.

B) Work your way around the housing with a screwdriver. Prying through the sealant until the lens and the housing separate. Take your time on this step.



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

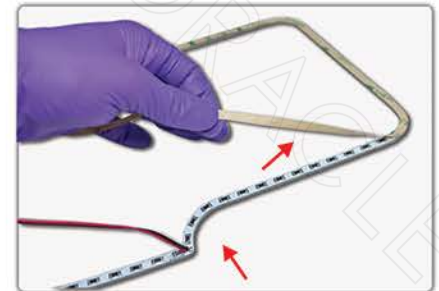


INSTALL THE RINGS:



There are three T-10 Torx screws holding the chrome piece to the lens. Remove these.

Once the chrome piece and the lens is separated, drill a small hole here for the wires to be routed through.



- Remove the paper backing to expose the 3M adhesive.
- Do not remove the actual 3M adhesive.
- Move on to the next step when ready.

INSTALL THE RINGS:



- Be sure the surface is clean (wipe w/ alcohol).
- Line up the ring and press into place.
- Hold with some pressure to secure.



You may add adhesive here for an extra precaution.

TEST THE RINGS:

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

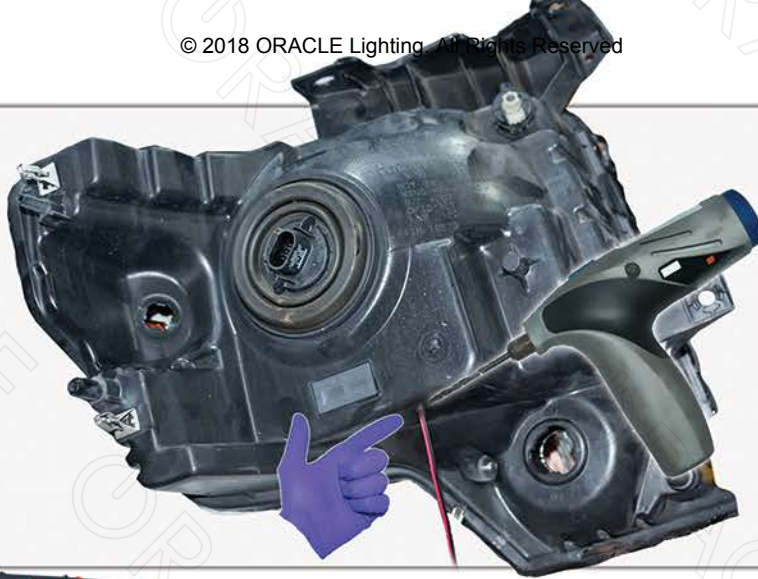
- Connect the RED wire to "+"
- Connect the BLACK wire to "-"



CONTINUED....

ROUTE THE WIRES:

- The best method to route the wires outside of the headlight is to drill a small hole in the back-side of the housing.
- Once the holes are drilled you can now feed the wires through. Be careful not to tug too hard on the wires.
- *See close up on the right.



This isn't the only way to route the wires, however this is the easiest way to do it. We recommend using this method.

ALMOST DONE!

RE-SEALING THE HEADLIGHT:

- 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.
- You are now ready to re-install the lens back onto the housing.



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

CLAMPING THE HEADLIGHT:

Now clamp the lens to the housing and leave 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.

*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- Wireless Controller. Visit <https://www.oraclelights.com/collections/oracle-remotes-and-switches> to see the selection of controllers.

Option #3- Toggle Switch. Visit <https://www.oraclelights.com/pages/halo-wiring-faq> to see diagrams.



**SCAN TO WATCH
WIRING DIY VIDEO**

