

ORACLE®

TOYOTA TUNDRA 2007-2013

HEADLIGHT HALO INSTALLATION GUIDE



TOOLS:



SCREWDRIVER

HEAT SOURCE

ADHESIVE



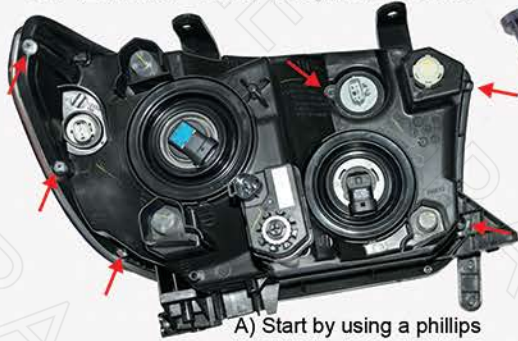
STEP #1: IN ORDER TO OPEN THE LIGHT WE WILL FIRST NEED TO HEAT THE HOUSING. IF USING A HEAT GUN BEGIN BY HEATING THE SEAL EVENLY WHILE CONSTANTLY MOVING THE HEAT GUN. IF USING AN OVEN: PREHEAT TO 225°F AND PLACE THE LIGHT IN THE OVEN FOR 10 MINUTES.



- 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)

WARNING
HEADLIGHT WILL BE "HOT"
USE CAUTION WHEN HANDLING

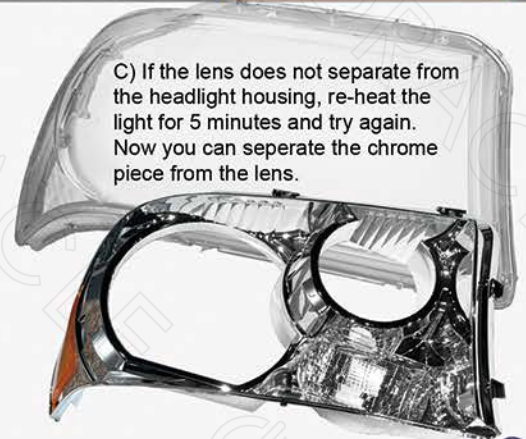
OPENING THE HEADLIGHT:



A) Start by using a phillips screwdriver and remove the 6 screws holding the lens and housing together.



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:

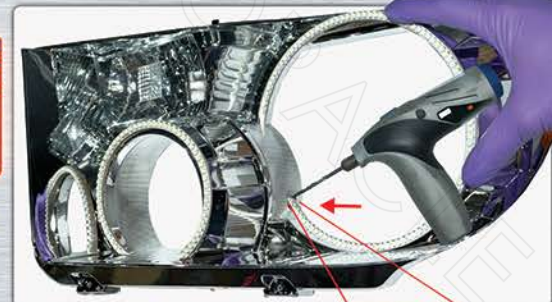


Once the chrome piece and the lens is separated, drill a small hole here for the wires to be routed through.



You may add adhesive here for an extra precaution.

- Be sure the surface is clean (Wipe w/ alcohol).
- Remove paper backing to expose the 3M adhesive.
- Line up the ring and press into place.
- Hold with some pressure to secure.



Here you will need to notch out a small section of the chrome piece in order for the halo to fit securely. Route the wires of this ring through the hole as well.

TEST THE RINGS:

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

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



Remember slow and steady wins the race. Don't rush through the install. Taking it slow will cut down on the amount of possible mistakes. Only move on when ready.



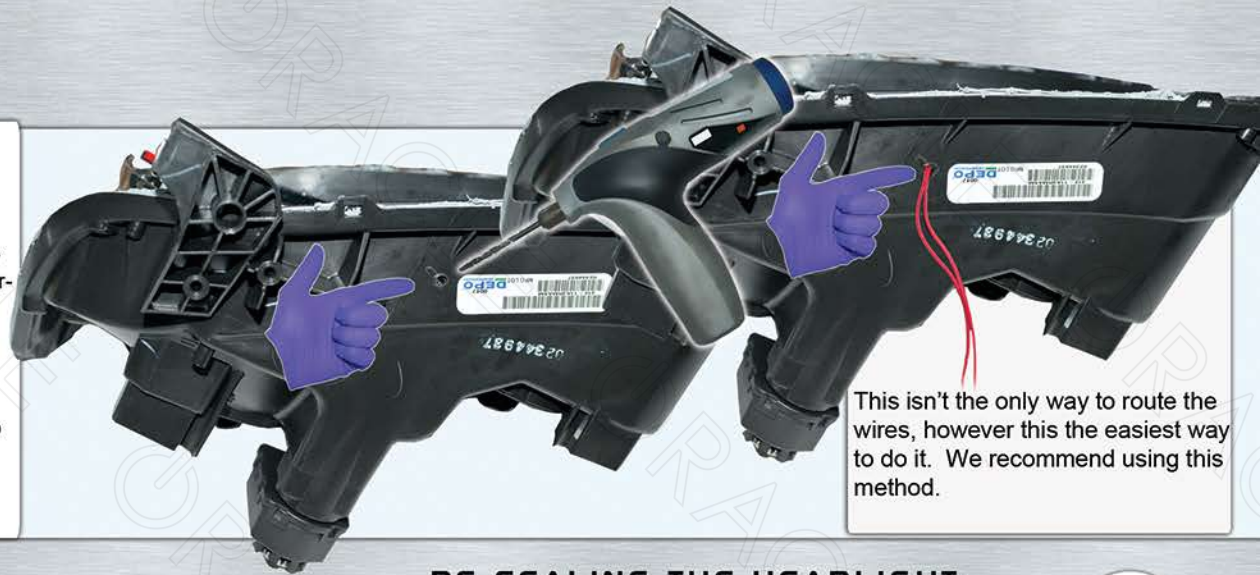
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ROUTE THE WIRES:

• The best method to route the wires outside of the headlight is to drill a small hole on the underside 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.

RE-SEALING THE HEADLIGHT:

- Check that there is no dust or debris in the light.
- Use compressed air to blow out before reassembly.



Method 1

If headlights are OEM
Apply a seamless bead of outdoor grade silicone to the channel marked on the left. Then re-install the lens. You can now move onto the next step below.

Method 2

If headlights are Aftermarket
There is no need to use any silicone. Re-assemble the headlight and place in the oven for 5-10 minutes.

Remember to tighten down all six screws that hold the headlight housing and lens together. Note* if you are using method 2, do not tighten down the screws until after removing the headlights from the oven.



ALMOST DONE!:

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.

*We recommend GE brand "Silicone II" 100% silicone adhesive. This can be found at any Lowe's or Home Depot.

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



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.

WIRING THE HEADLIGHTS:

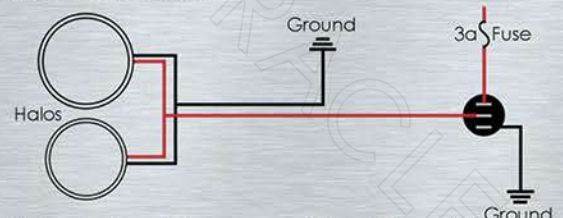
Option #1- Connect to the parking lights.
This is great if you have white or amber halos that you want to turn on and off by using the factory headlight switch. (Halos will stay on with the headlights).

Option #2- Wireless Controller.
Visit www.AutomotiveLightStore.com/remotesandswitches.aspx to see the selection of controllers.

Option #3- Toggle Switch.
Visit www.AutomotiveLightStore.com/halowiringfaq.aspx to see diagrams.

You Tube

SCAN TO WATCH
WIRING DIY VIDEO



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