

ORACLE®

LIGHTING TECHNOLOGY



2009-18 DODGE RAM QUAD HALO INSTALLATION

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 215°F AND PLACE THE LIGHT IN THE OVEN FOR 15 MINUTES.



- PRE-HEAT THE OVEN TO 215°F (OR 100°C)
- CENTER LIGHT IN OVEN FOR EVEN HEATING
- SET TIMER FOR 12 MIN (GAS OR ELECTRIC)



*Remove the bulbs for proper venting.

B) Eventually the lens will begin to part with the housing. Be gentle and take your time here.



C) If the lens does not separate re-heat the light for 5 minutes and try again

OPENING THE HEADLIGHT

A) Using a flathead screwdriver, begin lifting the lens from the housing. Slowly work your way around the light several times.



REMOVE AND OPEN DRL FRAME

Separate the bezel and lens by removing the two screws holding them together



INSTALL YOUR HALOS

Set the halo in place with a firm hold until a solid bond forms

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

As an extra precaution we suggest that you add additional adhesive to the mounting surface of the ring.

**We recommend Loctite 5 Minute Clear Epoxy.*



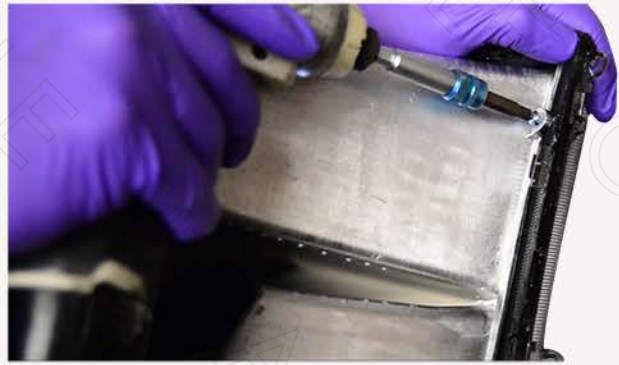
vimeo

WATCH THE ENTIRE INSTALL VIDEO AT
www.VIMEO.com/204379732

CONTINUED....

REASSEMBLE YOUR HEADLIGHT

Once your halo is dry, set your bezel back into the lens and reinstall both screws



ROUTE THE WIRES AND REASSEMBLE

In order to route the wires out of the headlight you will use the existing factory vent hole.



• Hole is covered with black fabric tape.

* Cut a slit in the tape for your wires to pass through.

RE-SEALING THE HEADLIGHT:

We recommend ORACLE Silicone
ORACLE Part # 2001-504

A) Apply a liberal amount of silicone into the channel of the headlight that seals the lens onto the housing. Make sure to use an even bead of sealant all the way around the light.



Put the lens back onto the housing



**Example Headlight*

ALMOST DONE!:

Now clamp the lens to the housing for the recommended time for the silicone to fully set. (See instructions on tube for the recommended cure time)

**Example Headlight*



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 HALOS:

ORACLE WiFi Controller Shown for reference but same steps apply to all controllers.

Mount in clean, dry, place with adequate airflow.
Controller is not rated for wet locations



SINGLE COLOR HALOS
REFER TO THIS VIDEO>



CONTROL BOX GROUNDING BEST PRACTICES:

- 1- Be sure the Ground is thick METAL that somehow ties into the vehicle's chassis.
- 2- Clean the metal mounting surface with wire brush or sandpaper until it is very SHINY.
- 3- Make sure the ground wire is as SHORT as possible, there should be no extra slack.
- 4- Ground wire should be 12-14awg stranded copper primary cable.
- 5- Connection should have a non-insulated Ring Terminal Soldered to the Ground wire.
- 6- Ground should not have other components grounded to the same location.
- 7- Install Control box in a dry location where the best chassis ground in nearby (2-3ft max)