

ORACLE®

2002-08 DODGE RAM

HEADLIGHT HALO INSTALLATION GUIDE



WARNING
HEADLIGHT WILL BE *HOT*
USE CAUTION WHEN HANDLING

TOOLS:



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

B) Work your way around the housing prying through the sealant. Take your time on this step. If the headlight is too difficult to separate, place the light back in the oven for another 5 min. Then try again.

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C) Now separate the chrome housing from the lens when you are ready to do so. We have shown two examples of Dodge Ram Headlights. For the 07-08 model, follow the installation of the 06 model.

DRILLING CHROME HOUSING:

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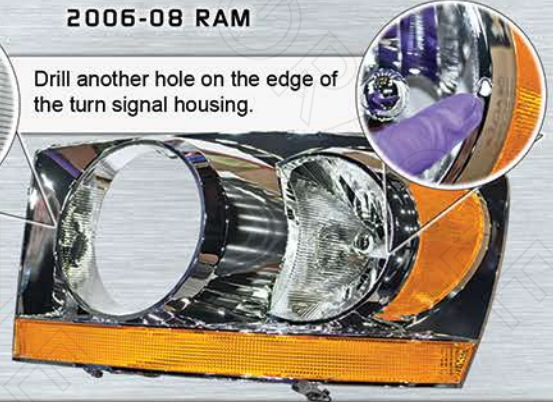
Drill 1 small hole on the inside top corner of the turn signal housing, for the halo wires to be routed. See close up for reference.



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Drill another hole on the edge of the turn signal housing.

Drill 1 small hole on the inside rim of the high/low beam housing



INSTALL THE RINGS:

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Feed the halo wires through the drilled holes first before removing the 3M backing.



Pro tip: This ring will fit inside here. It just takes a little bit of manipulating to make it fit.

Be sure the surface is clean (wipe w/ alcohol). Remove the 3M backing to expose the 3M adhesive.



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Line up the rings and press into place. Hold with some pressure to secure. As an extra precaution, you may add additional adhesive to the mounting surface of the ring.



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ROUTE THE WIRES:

- The best method to route the wires outside of the headlight is to drill holes on the back side of the light.
- For 02-05 models, drill one hole on the underside of the light.
- For 06-08 drill two holes on the backside of the light.

*See close up on the right.



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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.



For the 02-05 Dodge Ram, No sealant is required. Just place the light back in the oven for another 5-10 minutes. This will reheat the existing sealant.

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.



*Additional Sealant
If you feel that the seal is not completely watertight you can add "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.

You Tube

SCAN TO WATCH
WIRING DIY VIDEO



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