GRP

GRP Halo Kit Install Instructions

Kit contents:

-Halos w/diffuser rings (2 or 4 depending on kit purchased)

-Wiring pigtails (2 or 4 depending on kit purchased)

-Tube of clear silicone

-Wire Taps (2 or 4 depending on kit purchased)

-Zipties (2 or 4 depending on kit purchased)

1. Begin by double checking your package contents, verify all parts listed are there. If they are not please contact GRP.

2. Start with removing the headlight assemblies. Raise car, remove front wheels, remove front-most wheel liners, locate 3 allen head cap bolts holding down the light housing/lens assembly. Remove 3 bolts, pull housing assembly forwards/upwards and out of the clam pocket. More removal instructions/video found here: https://www.youtube.com/watch?v=PLkSN9BM5Kw

3. At this point it is optional to either separate the housing/lens assembly or trim a small groove into the housing (2006 & prior only) for the halo/s to slide into the assembly.   For these instructions we have spent the extra time and separated the assembly. If you are going to trim a groove into the housings be very careful not to trim it too large or it will be seen after the halos are installed!   Separation help/procedure can be found here: http://www.lotustalk.com/forums/f259/how-separate-2005-06-headlamp-lens-base-171833/

4. **With your housings separated you can now prep for adhering the halos to the housing.   Clean the top and bottom of the housing thoroughly using a mild cleaner.   Then using painters tape or an equivalent, tape the appropriately sized halo in place as pictured:**

-Make sure to clock the halo so that the pigtail sits at either 3 or   9 o'clock, this will aid in plugging it in when reinstalling.
-Make sure that the halo base sits as flush to the housing as possible, there should be a very minimal gap.

5. **Now flip the housing over and using the supplied silicone, spread 3-4 small strips between the housing and the protruding edge of the halo/diffuser ring.   You don't have to make it look pretty as it won't be seen but take care to not leave any major blobs or any silicone on the inner surface of the diffuser ring. Pictured here with black silicone, yours will be clear:**
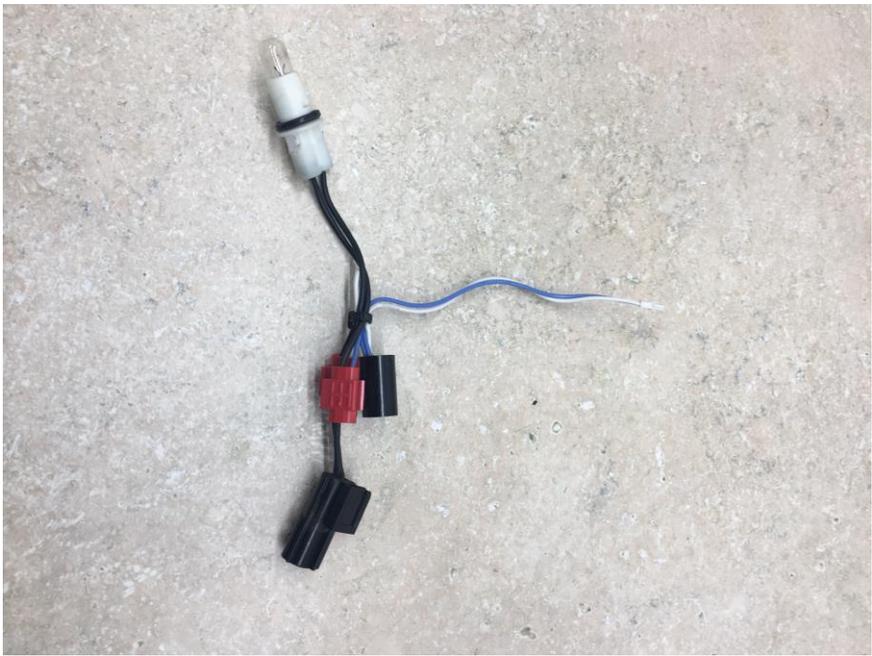
6. Repeat step 5 for your remaining halos on the remaining housings openings. Let silicone dry for a minimum of 2-3 hours with tape in place.   Silicone will be fully cured at 24 hours. When the silicone dries use a piece of tape (something very tacky like duct tape), fold the pigtail down against the housing and tape in place. This will help keep the pigtail in place and keep it from being seen after final assembly.

7. While the silicone dries, you can now wire in the harness to power the halos.   For these instructions, we wired them into the "parking light" circuit. This will be most common but some may want to wire them to be used as flashers. Begin by removing the small parking light on each high beam reflector housing. You will have to unclip the harness behind the low beam assembly and twist the bulb holder 90 degrees to remove.   These bulb holders are sealed/held in place by an o-ring, don't be alarmed that it's a little tough to twist by hand.

8. **Now using the supplied scotch lock wire taps you can easily tap into the two wires for the parking light. The halos wires can be tapped into either black wire, there is no polarity to worry about.   Set up your wire taps and halo wires as pictured and squeeze the metal portion of the wire tap down using a set of pliers. Make sure the metal tap is down as far as it can go, then close the plastic cover down.**

9. **Now using the supplied zipties, take up the slack and the resistor cap as shown:**

10. Reinstall the parking light with the new wires back into the headlight bucket, plug in the harness and twist the bulb holder back into position.

11. Now would be a good time to test/double check your connections by plugging in the new halo harness to the pigtail on the halos and setting the housing into position.   Turn on your parking lights and make sure the halos turn on with your side marker lights.   If they do not, double check you have the pigtails plugged all the way in, if they still don't work remove the parking light harness and double check your wire tap connections.

12. After confirming your halos are functional, remove the housing assembly, reattach the headlight lenses to the housing using a high quality black silicone and reassemble everything in reverse order of removal!

13. Enjoy your new halos and the more modern look!