

## DIY Retrofit Installation

### Tools Required:

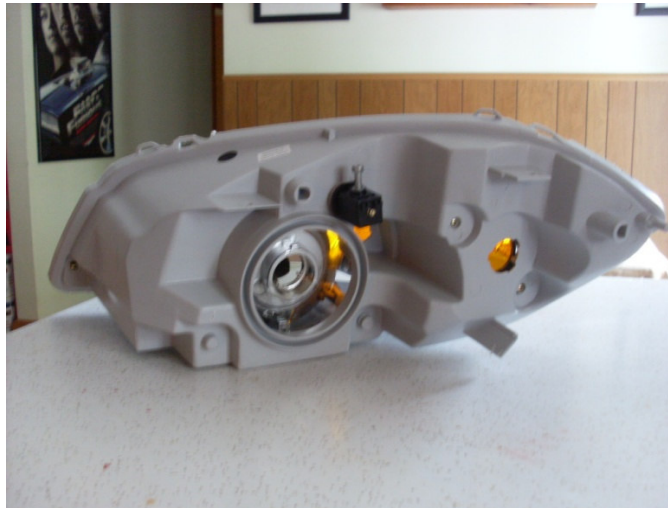
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10mm Socket Wrench

Sealant

Philips & Flathead screw driver

Dremel or Sandpaper

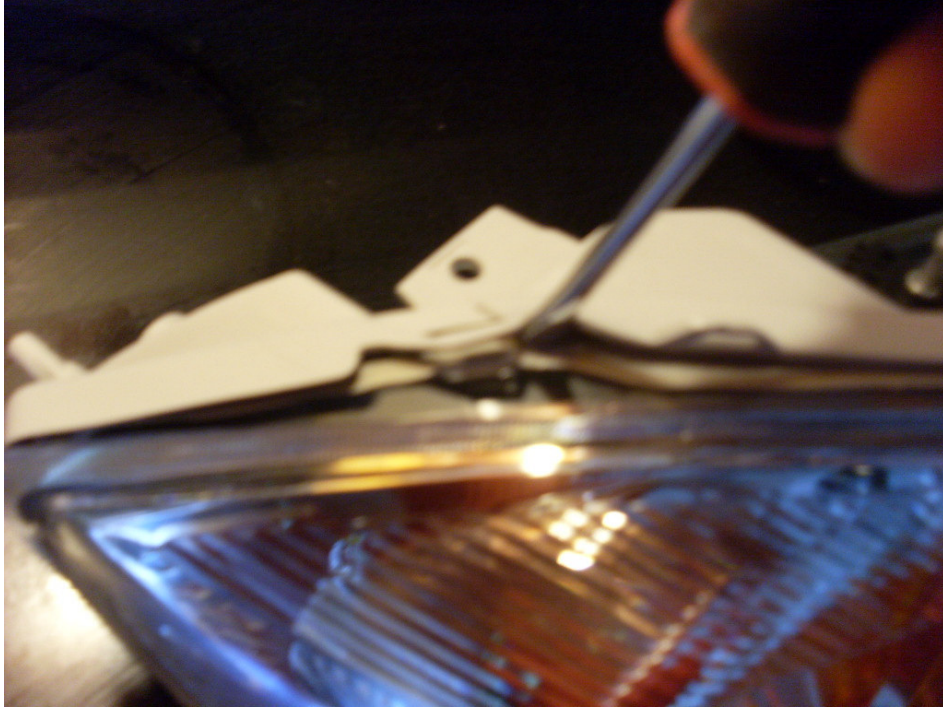
Step 1: Remove all rubber and wires from the backside of each headlight.



Step 2: Please Headlight on cookie sheet and preheat oven to 225. Make sure the oven racks are positioned so the headlight sits exactly in the middle of the oven and not touching any of the heating coils. Once oven is pre-heated, place headlight inside and let bake for 10 minutes.



Step 3: Remove the headlight from the oven, take your flat head screw-driver and very carefully pry the clear lens off . Try and place the screw-driver close to the locking tabs on the headlight.



Step 4: Once you get the lens mostly off, Use your hands and pull it off the rest of the way. Try to get as little adhesive on the bezel as possible.



Step 5: Once the lens is removed, It's a good idea to put wrap over it to prevent scratches and dust. Once you have the lense off you need to scrape out all the glue inside where the lense go into the back side of the headlight. The glue is gray on 99% of factory headlights. You will be adding new glue later.



Step 6: Now, Unscrew the 3 screws on the back side of the headlight. Its either going to be a HEX screw or a Philips. There's 2 near the blinker bulb and one on the very bottom left or right depending on which headlight you're working on. Picture below is the bezel removed after you removed the screws.



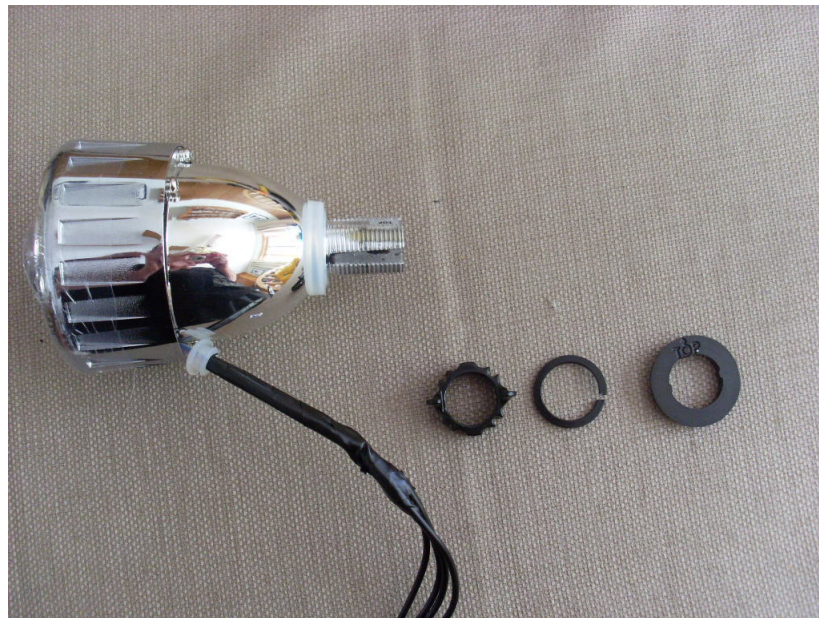
Step 7: Remove the tiny attachment inside the reflector. This can get tricky. Behind the reflector you will notice its attached to 3 long screws. You will need to pry the reflector off so it can be moved. Only need to pry 2 off. Picture shows which 2. Once that's done, you can get a screw driver in the back to unscrew the attachment. Once the attachment is removed you can reattach the 2 mounting tabs you pryed off.



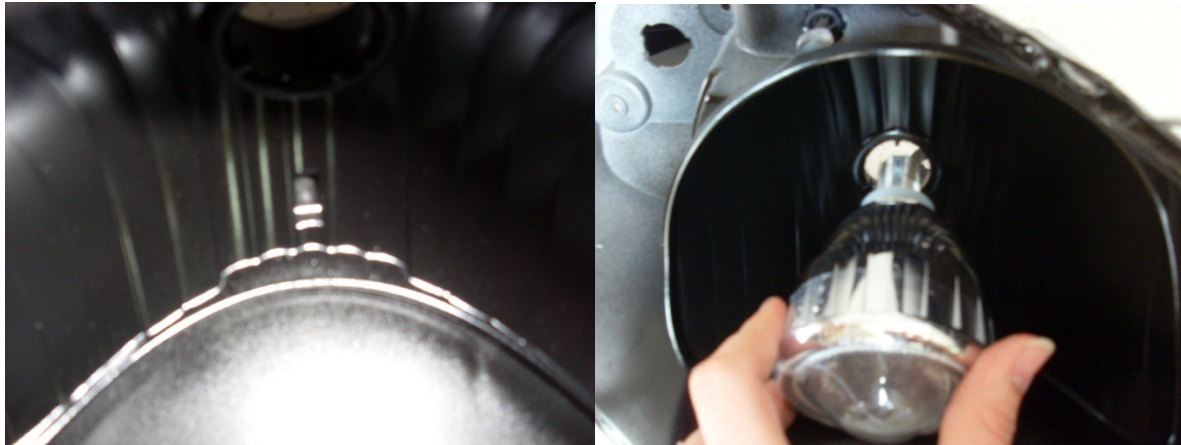
Step 8: Now its time to work on the projector. Take a Knife/sand paper/dremel and remove the 2 side tabs on the plug that is pictured. Now remove the 2 top tabs pictured in the next picture. DO NOT remove the middle one. That is used to hold the connection.



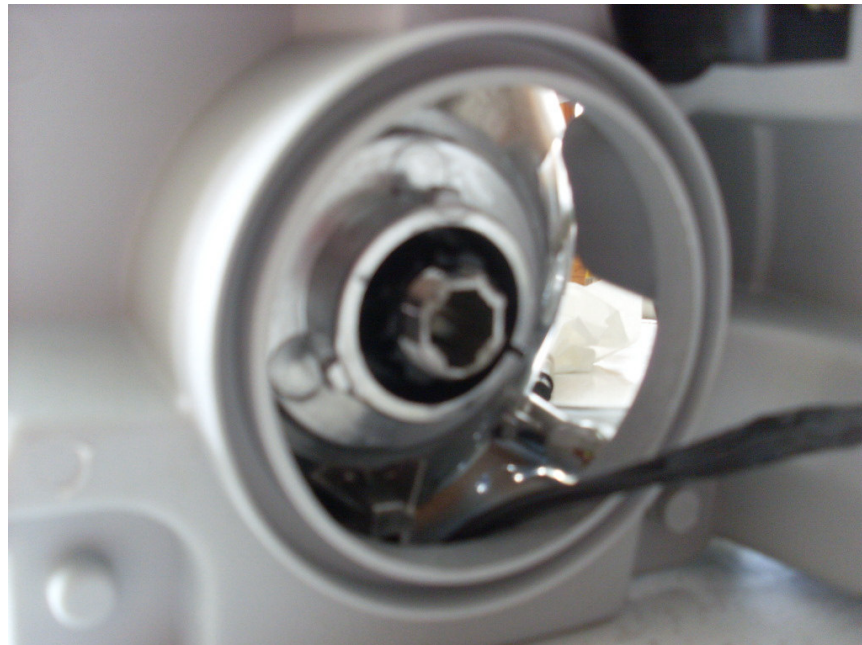
Step 9: Now remove the HID bulb. Theres a tiny Philips screw holding it in place. MAKE sure you do not loose it. Now unscrew the nut that is on the backside of the projector. Remove the spring washer and also the spacer.



Step 10: Now take the plug you shaved and put it through the tiny hole that the attachment was attached to. It will take some force but it will go through. Also put the threaded side of the projector through the bulb hole, Make sure the side that says "TOP" is on top.



Step 11: On the back side of the headlight, Place the spacer back on the threaded part of the headlight. Its labeled TOP and needs to be matched to the top part of the threaded section also labeled TOP. Make sure the word TOP is facing up. Now put the spring washer then screw back on the nut. Put it on tight but not 100% tight just yet. Now this is where you aim the projector. Make sure the headlight is on a flat surface, look through the hole and you will see the cutoff shield. Look through it and twist the projector till its level. Once you believe its level tighten the back nut as tight as possible. Double check by looking through the projector again. Make sure the wire attach to the projector is pulled though the back.



Step 12: Now its time to start putting the headlight back together. Take your bezel you took out and place it back in the headlight and screw in the 3 screws into the back of the headlight.

Step 13: Take your adhesive tubes and slowly put it in where you scraped the old stuff out. 1 tube is enough for 1 headlight so take your time and make sure you get all the way around. This is very important and will prevent your headlight from leaking. Now Take your lens, place it back on the headlight and try to put it on as much as possible. You will not be able to get it on all the way since there is some dried glue inside.

Step 14: Place headlight into oven again at 225 for 8-9 minutes. Once time is up, push the lens and headlight together. Make sure all the clips around the headlight click or are over the bump in the lens. Also make sure the lens isn't coming apart as it cools. Takes 24 hours for the adhesive sealent to harden and cure.

Once both headlights are together, sealed and ready for installation, Follow this How-to on installing the retrofits. [http://buyhids.com/pdf/install\\_retrofits.pdf](http://buyhids.com/pdf/install_retrofits.pdf)

Questions? [Support@BuyHIDs.com](mailto:Support@BuyHIDs.com)