

What you need:

1x drill

1x putty knife (in my case butter knife)

1x Phillips head screw driver

Some super glue

Some plastic bog

And of course an oven to bake the lights and tools to get the lights out.

Here's everything I used to work on the lights.



Ok since there's already a DIY for how to take the front bar off, and getting your head lights out, I'm not going to bother writing about that.

And I'm pretty sure there's a DIY on how to bake your headlights, I'm just going to briefly go through the steps.

1. Take the headlights of the car
2. Strip the lights for as many bits and pieces as you can. In one head light u should be able to strip 12 screws, 2 rubber seals, 2 larger metal rings and 2 smaller plastic rings (sockets for the lights to screw into), and maybe 2 rubber moisture venting tubes (don't force them if they wont come off, and most likely some will be missing)



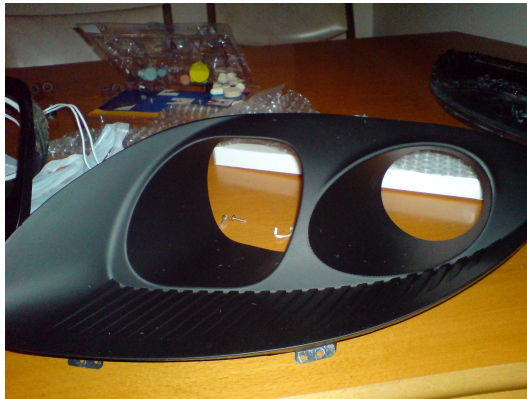
← 1 rubber seal, 1 larger metal ring and 1 smaller plastic ring (where the bulbs screw into)

3. bake them in the oven at 150 degrees for about 10/15 minutes, take them out, try to pry the clips holding the light together, if the glue isn't soft enough yet, then throw them back into the oven for another 5mins and try again, eventually pry the lens off. And yes this will be very messy. I used a bunch of small flat head screw drivers and a knife.

If these instructions aren't clear enough then try looking up the actual DIY for baking your lights.

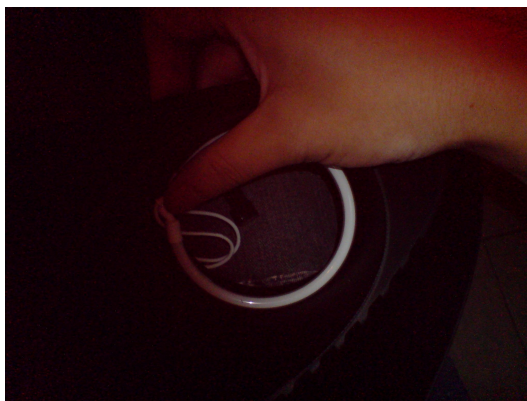
Adding the angel eyes:

Now you have the headlight in two, if you look at the lens part of the light, you'll see the plastic cover is held onto the plastic with screws. You will see 4 screws, undo them all and you will get just the plastic cover, this is what we're going to be working on:

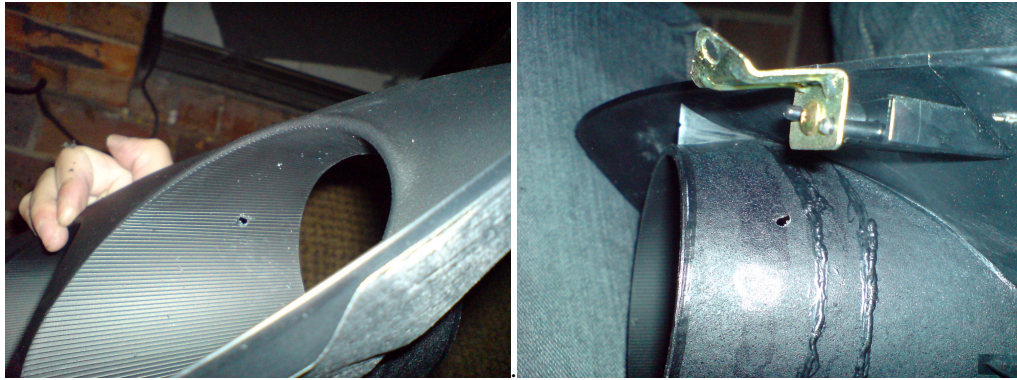


Now get the CCFL rings out and find the matching one to light you are going to work on first (i.e. 80mm is for the smaller hole and 95mm is for the bigger one).

Place the ring onto where you want them to be, you can play around a bit with the angle and position of the wiring (remember there's going to be a gap in the light where the wiring is) just make sure that at least 2 spots on the ring is touching the casing, once you are sure exactly where you want it, then mark out where the wiring is going to go with a pencil.



Drill a hole 2mm behind where you marked for the wiring to go through (behind means closer to the back of the casing, this way it gives u a bit of room for error)



Now drill the hole out by moving the drill head around, till u can just squeeze the clip on the end of the wiring through.



Now stick the CCFL ring in



Make sure the ring is in the position you want it to be (and the wiring has been threaded through the hole u just made for it), now apply some super glue to where it touches the casing, once again do this from behind so it wont look so obvious.



ok once the glue has set, turn it around and start working on the back of it. Technically you don't have to do these few steps if you think it will look better with the hole there rather than plugging it up, but I personally thought I'd plug it up and I have a feeling that the whole thing might hold better as well.



get some plastic bog and apply it to the hole with your putty knife, once you've done that turn it around to see if too much has poked through the other end, if it has u can probably just push it back down with your finger.



and don't worry about what it looks like at the back since no one is going to see it once it all goes back together.



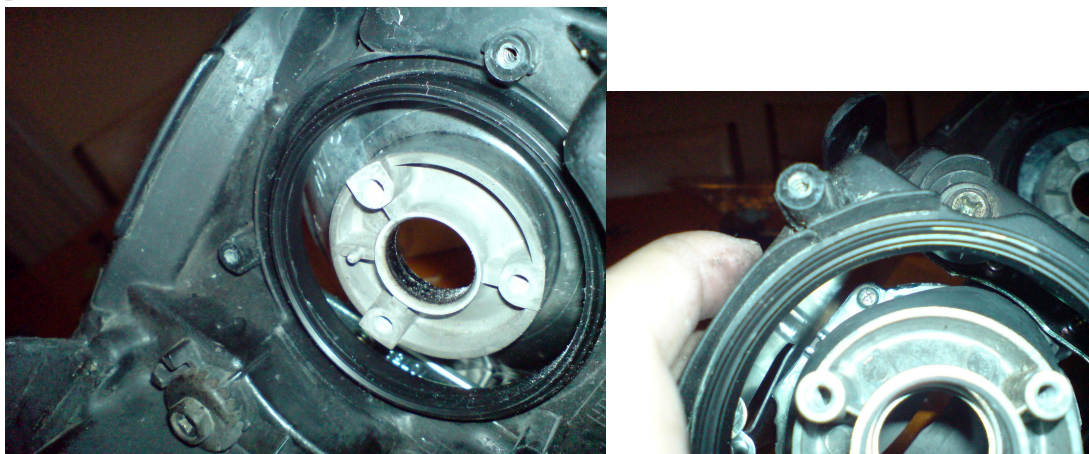
Let it all set, and now repeat the same for the rest of them

Now time to put the lights back together. Once everything has dried and set, smack it a few times with your hands just to make sure nothing is going to fall out with the first bump on the road (I'm actually still testing the last set I made right now, they've been put back together and have so far survived 3 days of me driving around with the in the boot)

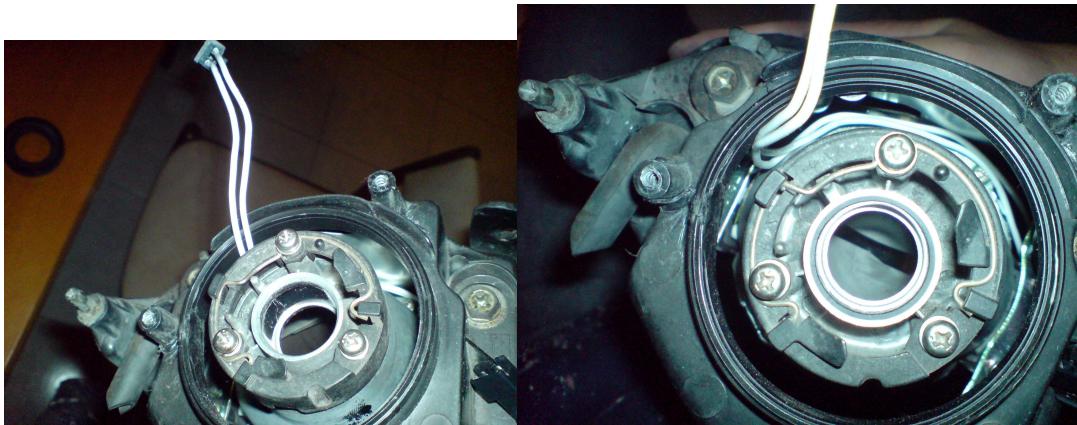
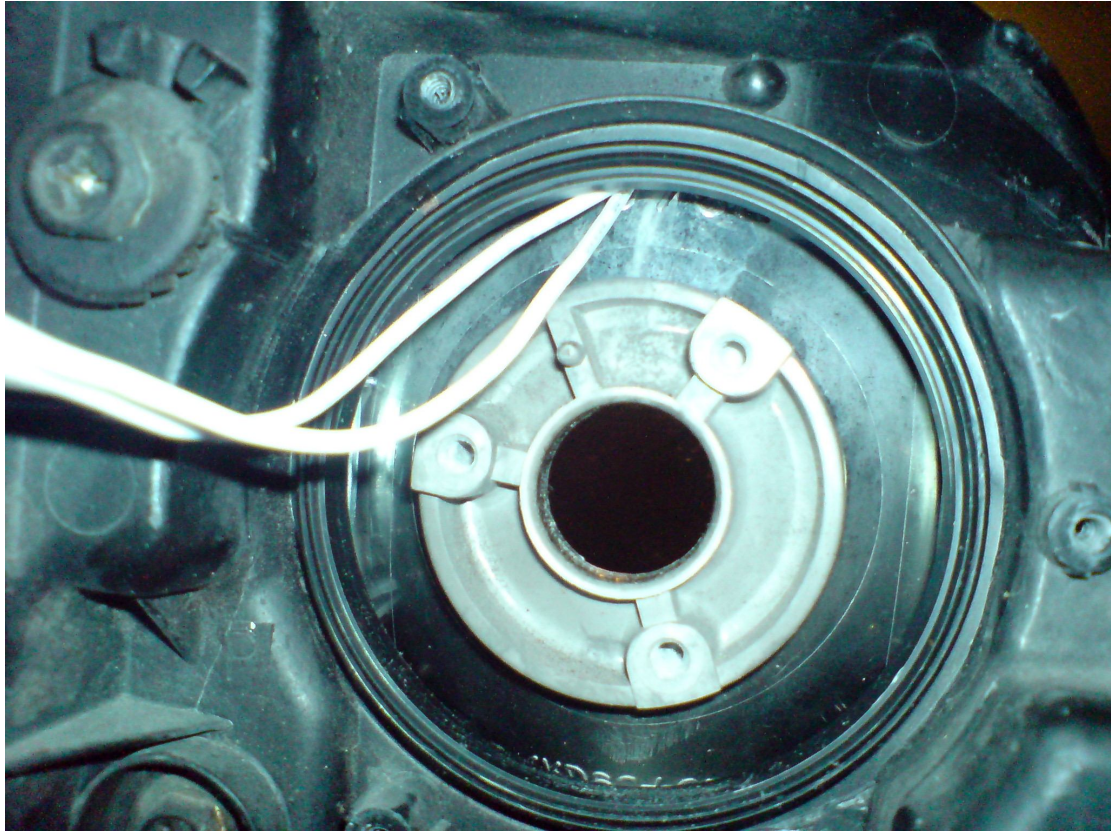
Anyways, once you are done with all the instructions above you should get something like this:



Now we move to the back part of the light, if you look at it from a few different angles you will see that there are plenty of gaps for you to feed the wiring through, like the ones u can see in the photo:



And now just feed the wiring through those gaps that you found, you may have to adjust your light angles to move the reflective parts of the high beam to be able to fit the clip of the wiring through without breaking it.



now all you have to do is bake the light again to soften the glue again and stick it all back together (to stick it back together you'll probably only need 100 degrees and 10minutes in the oven, of course if that's not enough then just keep trying in 5minute intervals)

