



Custom Angel Eye Fog Lights

By Sorentosis

Tools Needed: Not Much

Time to Complete: About 1-2hrs

- Phillips Head Screwdriver
- Flat Head Screwdriver
- Hair Dryer/Heat Gun
- Needle Nose Pliers
- Stripped Garbage Ties (2-4)
- Silicone Sealant
- Electric Drill

Okay everyone, here is a little DIY for installing your custom angel eye fog lights. You will need to order 87mm angel eyes for the fog lights, the 95mm from the high beams will not work.

Step 1

First you have to remove the fog light assembly from the bumper. If you lie down and look under the bumper, and feel around, you will see that there are 3 plastic screws holding in the fog light assembly in a triangle shape.



Once these are out, the fog light, plus the black housing it is in will come out. Unhook the plug from your bulb and remove your light bulb setting it aside.

At this point this is what you will have: (Mine still has the bulb in)



At this point you need to remove the fog light from the black housing. There are two plastic expansion clips on the back side, shown here:



Basically I just forced them out with a lot of pressure. You could hold the clip with pliers and work the bolt out with a flathead screwdriver, you go for whatever you like.

Once these are out the black housing comes off, and you are left with just the fog light.

Step 2

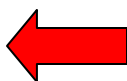
Take your hair dryer or heat gun, and work your way around the middle edge of the fog light (you will be able to see where they join up and where the sealant is. After 5 min. or so, you should be able to work a flathead screwdriver (with some cloth or something around it) in-between the two parts and pry them apart a little. BE CAREFUL! Don't pry too hard or you could crack the plastic.....just use a little pressure to get them separated, and then pry the rest of the way with your hands. You will have two parts like this (without

the wires) one black and one clear:



Step 3

Now for the fun part. Take your black part that contains the reflective housing. Take your angel eye (be careful, they are fragile) and loosely fit it in the housing to give you an idea where to drill. You will want one very small hole near the bottom, and right in the center (there is a natural line in the reflector in the center). This is



where your wire tie will go.



Shown here

This is how I mounted the top part. I didn't use wire ties like in the headlights.....I just drilled holes large enough for the two "prongs" of the angel eyes to fit through, and siliconed them in place. You can try ties if you want, but the housing makes them difficult to use on top. If you use ties, you would need to drill one additional hole for the wires to go through.

Once you have it fitted, secure it in place with whatever wire ties, and then silicone all openings, and silicone the wire tie to housing (on the back side of the black part). That is about it for the fitting of the bulb. Now it is time for reassembly.

Step 4

Once everything is secure and the silicone is mostly dry, you can put the fog light back together. Again, heat up the two pieces that have sealant on them, and after about 5 min, you should be able to pretty much just push it back together. Make sure it is sealed well, use some extra silicone if needed. Should look like this: (Without the black housing)



Now just line up the holes in the black housing with the reassembled fog lights, push the expansion bolts back in, and you are set to wire and re-install.

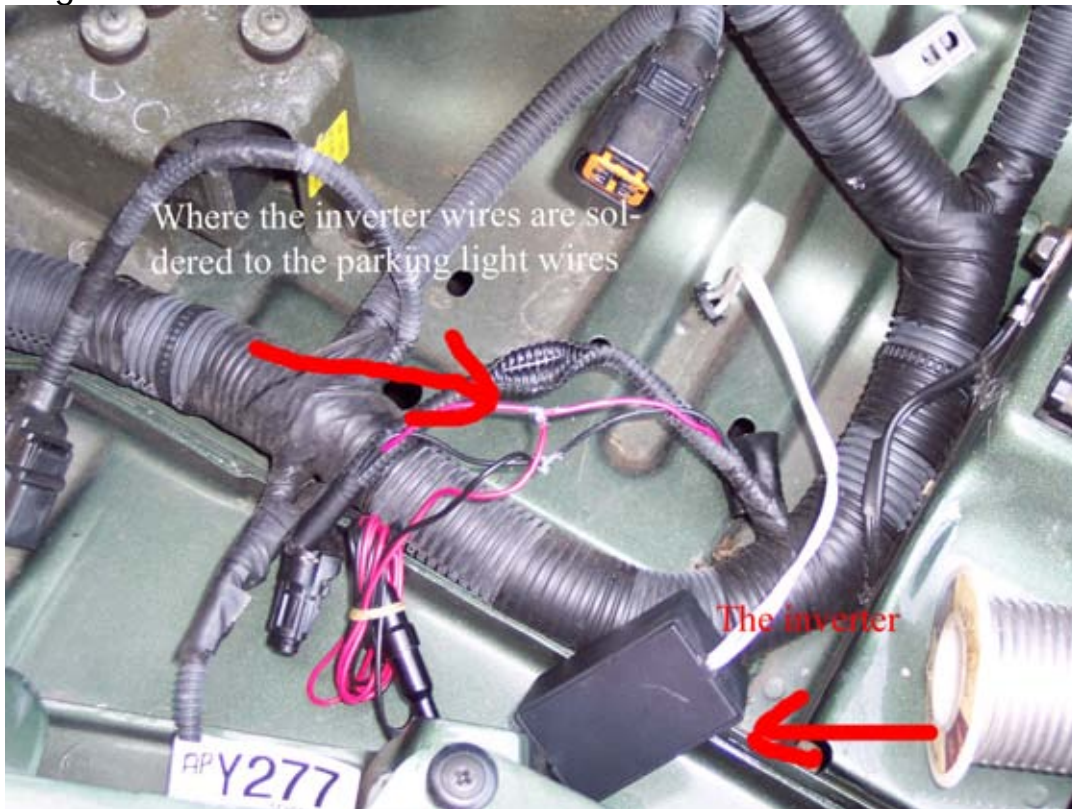
Step 5

Reinstall the fog light into the bumper. Replace your bulb. Now for the wiring. The angel eyes come with an inverter. They look like this:



The red and black wires (if it is the new brand, there is a black wire, and a black and white wire...the black and white will connect to the red) are going to be wired to your parking lights (red to red and black to black).....this involves removing the headlight (Three bolts and it comes out, I will not describe it here, because it is covered in other DIYs) The wiring for the parking light is the outermost harness on each headlight. Once you have the headlight removed, find a good spot to mount your inverter (I used 3M tape to adhere it) and then pull the red and black wire from your parking light out of its "tube" and strip back ½ inch of insulation of each wire (be careful not to cut through the wire). Take the ends of the red and black wires from the converters, twist them around the respective colors, and then solder and tape the connections. Here is a somewhat confusing

diagram:



The angel eyes come with little black clips (maybe, the new brand doesn't) you connect a clip to the two wires coming from your fog light, and then those connect to the two white wires coming from the inverter. Turn on your parking lights to see if they work. Put your headlight back in, secure it and enjoy your new angel eye fog lights! They should look something like this: Good Luck!

