

Holding the projector.

The first challenge I had was how mount the projector and get a cover for it.

First thing I did was a hole on the housing. I started with the hole like 3" wide.

Test fitted the projector and I kept trimming, sanding and testing until I was comfortable with the fit. DON'T MAKE THE HOLE TOO BIG. You may need to adjust with the sander when you try to over the projector.



To hold it in place I could use JB weld. BUT I thought if I have to make any adjustment it will be a real pain to remove the JB weld. So I thought about making something to hold the projector.

I got a sheet of sheet metal from Home Depot and a cutting metal scissor.

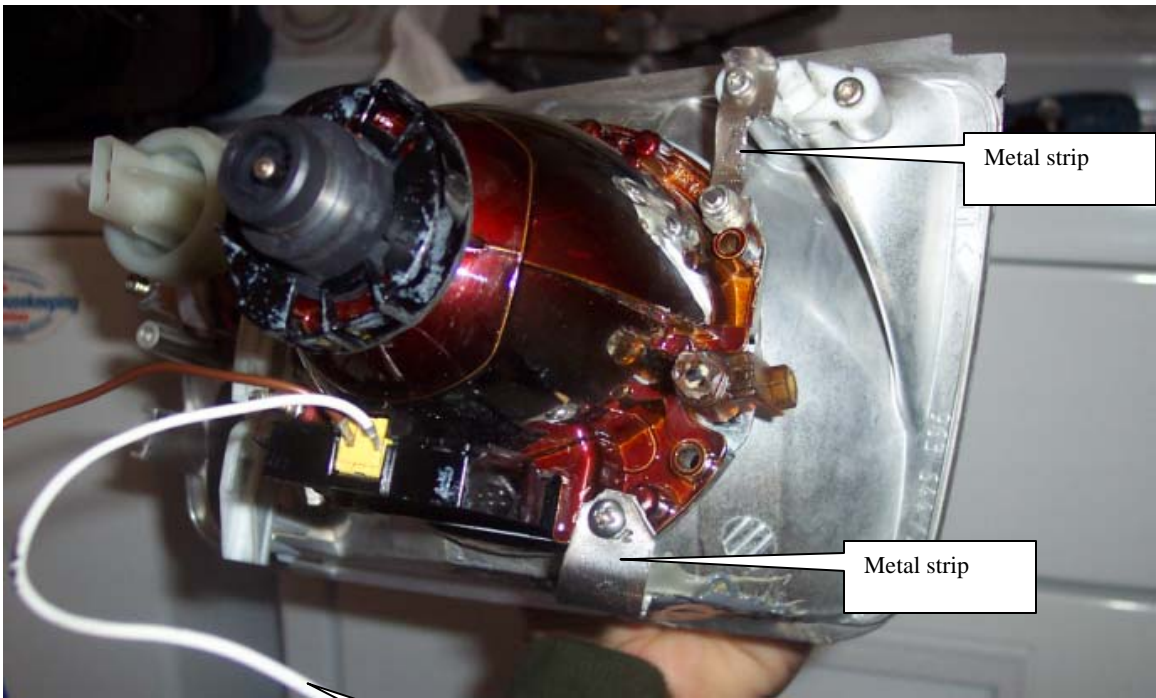
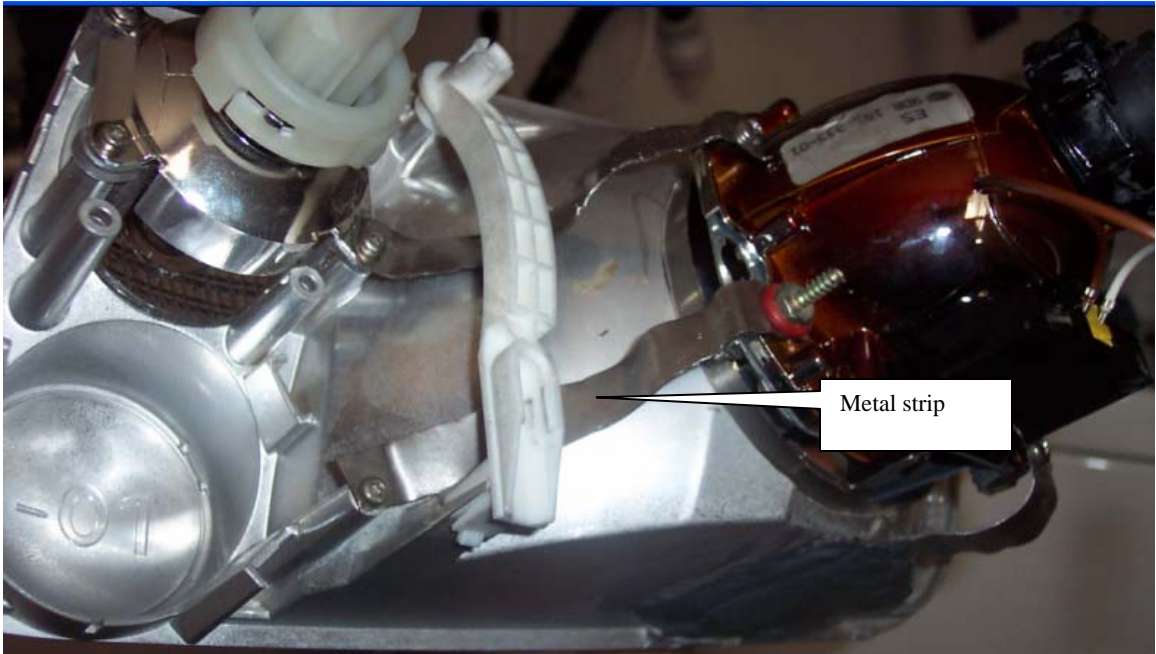
I cut thin strips as wide as your finger. The sheet metal is kind of easy to twist. Playing with it I was able to twist them in place.

As mounting points I used some of the holes that are already there holding the blinker and the adjuster.



There was one corner that I was not able to find a spot to hold the projector so I glued a piece of sheet metal with JB weld. I let it dry overnight before working with it.

I secured the projector in place with the points 1, 2, 3. Then I used the JB weld to hold this point.



White Goes to your high beam
Brown: = Ground

Once I got the projector mounting figure it out. I needed something to cover the hole left by the projector.

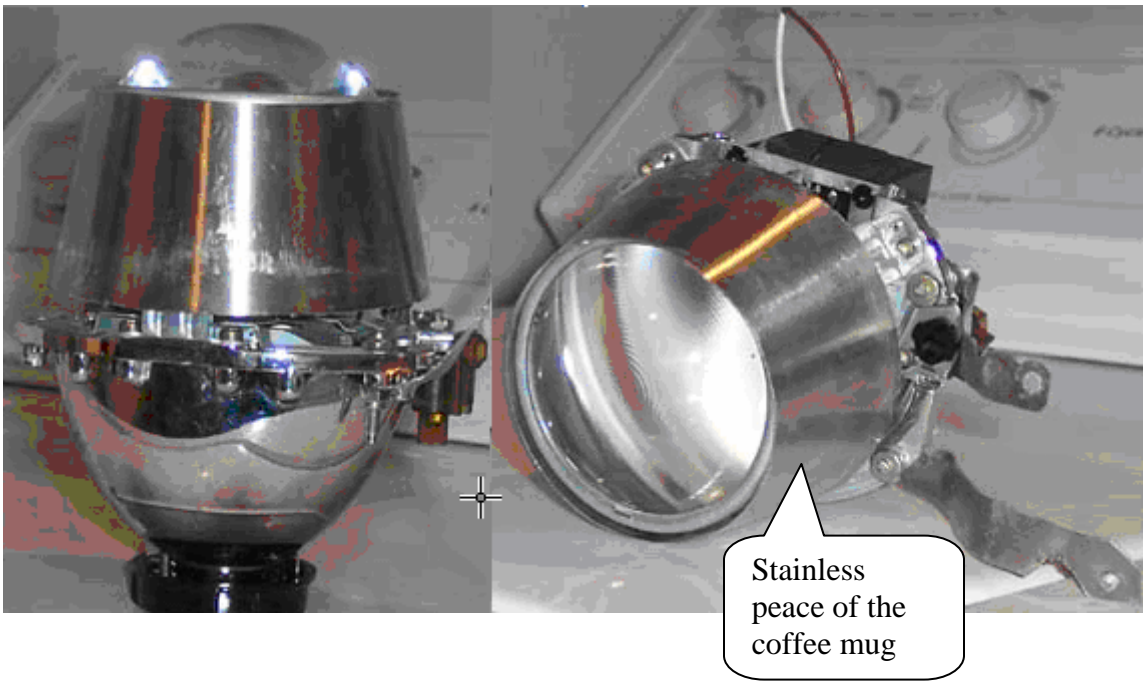
Covering the projector

I found some tips here

[Automotive lighting FAQ - Generic procedure for install of OEM projectors into reflector style headlamp](#)

Stopped by Wal-Mart and I found this stainless steel coffee mug with a cone shape. I got one took it apart and cut a piece around 2 1/4 inches long.





To test fit the projector. I squeezed the trim piece on the housing then squeezed the projector in the trim piece.

At this point you may have to use your sander piece to make all the pieces fit tight in the housing

When I did that I had enough info to start making the final adjustments for the metal strips

Note: the trim piece is cone shaped. It makes it go kind tight on the housing.

When the strips are in place I thought there was no need to put glue around the projector. I made the hole almost perfect and at the end everything ended very tight.



On the first lamp to make the hole I just tried and tried trimming and sanding little by little.

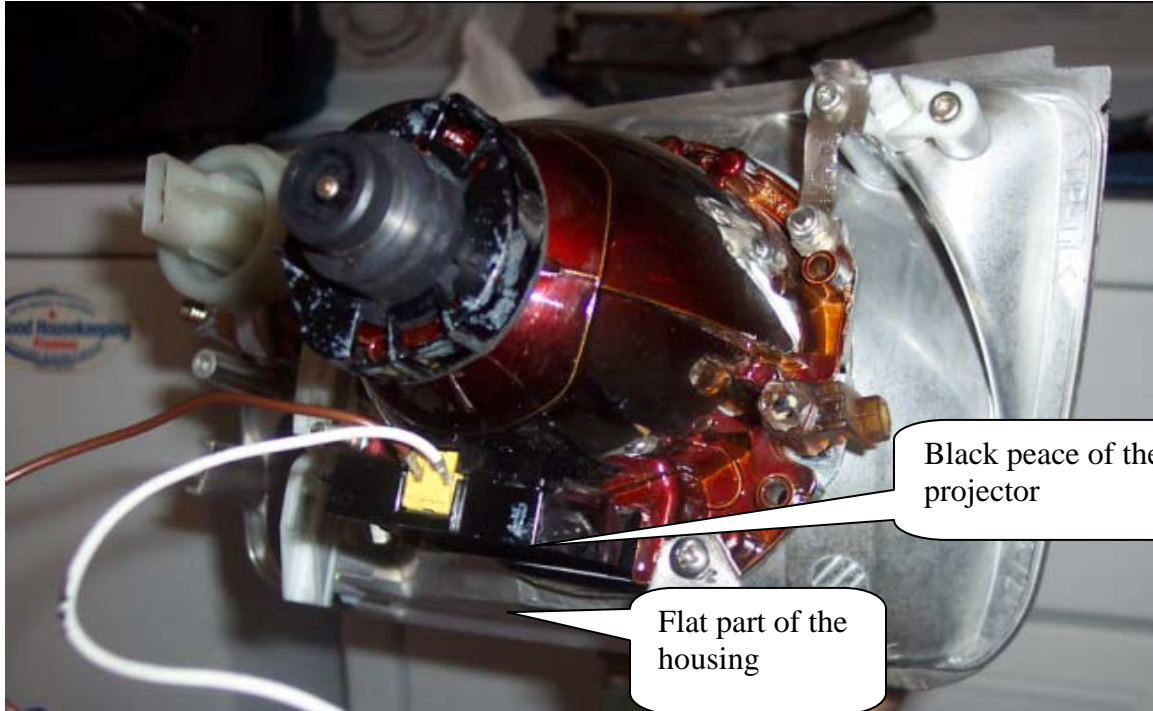
On the second lamp the story was dif and a lot easier. First I got the trim peace work out. Then I used the Outer part of the peace to draw the round circle on the housing. Result... Almost Perfect Round circle.

If any one is doing this project I will suggest to work out your trim peace them worry about making the hole on the reflector.



Labeling and aligning the X5 projector.

The black piece of the projector has to some how look flush with the bottom of the housing.



Left right. By looking at the housing from the top make it point in the same direction as the side blinker.



First test I got an almost perfect beam... looks so good that I didn't bother. _____/----- to adjust the driver side. Just needed minor adjustment with the OEM aiming screws.

The passenger side was kind dif... When I mounted the projector they look good. BUT the kick was to far to the center of the car. This made the driver side look bluer than the passenger side.
kind kike ___/-_/----

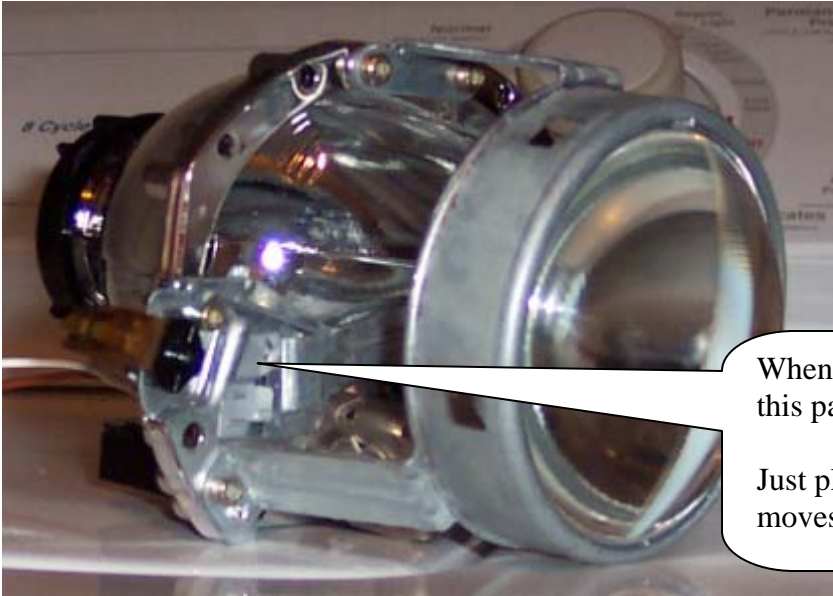
So I took it of to make it look more like
___/----___/----

By playing with the aiming I was able to adjust them to he point they look almost the same. But one of still bluer that he other.

I went to a shop close to my house that has glass windows all around. I parked like 5 cars away from it. And looking in the reflection 1 projector was till bluer. I raised the passenger side just a bit until they look the same on the mirror.

One other trick I did was push the shield close to the bulb just a little bit **got to be careful** with the bi-xenon because the shield will fail to go up so you have to bend one side and loose a bit on the part

that holds the projector.



When you bend the shield
this part won't let it move.

Just play with it until it
moves up and down

Looking the car from far you will see this nice blue-purple flickering depending on how the road conditions. The road sings now reflects some blue.

Some pics...

Testing the alignment... At this point I had to take off the projector because notice that the projector was hitting on the back. I have no pics of the details but you will have to trim a bit inside the back housing.

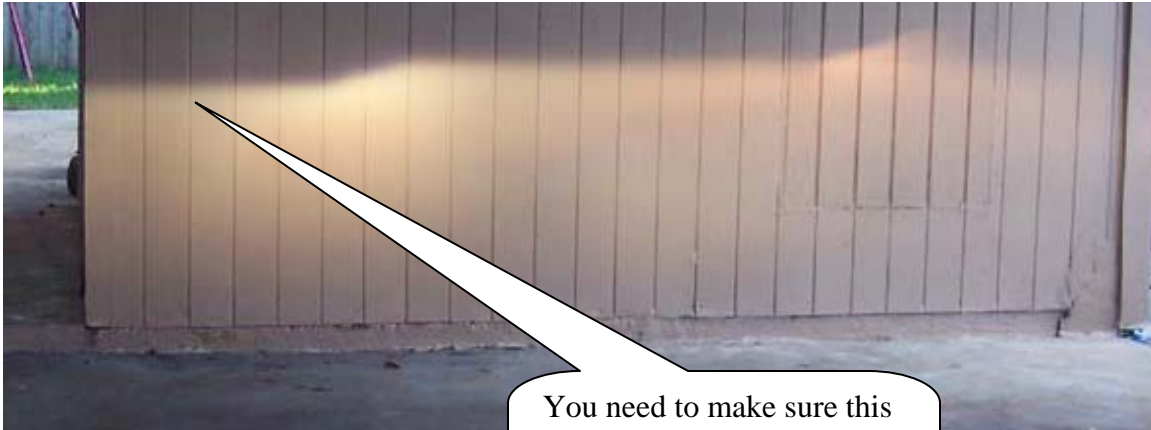
The X5 projectors are kind big and it won't move freely on the first try.

HEY no one is waiting for you.. So tale you're TIME!!



Remember I said my first try was almost perfect...
Here is the pic of it.

Projector on the left. The right is my Halogen Vision plus H4

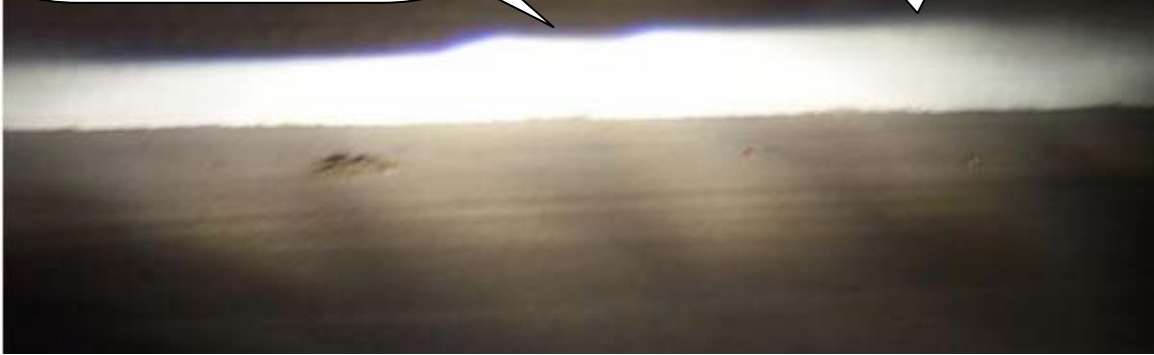


You need to make sure this part is flat. You can use leveler to make sure is almost perfect.

Wall Pics...

Needed more adjustment to
The right – Done with the
aiming screws

This Part kind goes UP!!



After Adjusting the Right Projector.

This Part kind goes down!!



Highs







Hope this helps.

Robin Lantigua