

Installation for Euro Bosch Smiley HID retrofit adapter.

1. Remove the factory projector by removing the three screws found on the outside edge of the low beam assembly.
2. With the bucket removed, you will now want to do something to seal the bottom of the low beam bucket (towards the lens) to prevent excess dust and debris from dirtying up the glass. I have taped a circular piece of paper to the bottom, used strips of tape, or even stuffed a couple shop towels in. I found that if you're careful to vacuum it out, using shop towels was just fine.
3. Now you will be removing the material highlight in the pictures below:



The tabs you'll want to cut flush to the mounting surface of the screw. This all is easily done with a dremel and a sanding drum for the lip on the inside of the bucket and cut off wheel for the tabs.



4. The metal plate will come installed on the adapter. I recommend removing the metal plate and installing sealant between the metal plate and the plastic adapter to ensure a good seal of the entire assembly when done.

5. Test fit the adapter to make sure you removed enough material. The metal plate is a snug fit and may require you to rotate it back and forth as you slide it in (that's what she said). It's tight on purpose so there are minimal chances of it sitting crooked in the factory bucket. Once you confirm you removed enough material, vacuum out all of your dust and remove the barrier you put in. I also vacuumed it out once the tape/paper was removed and blew it out with compressed air.

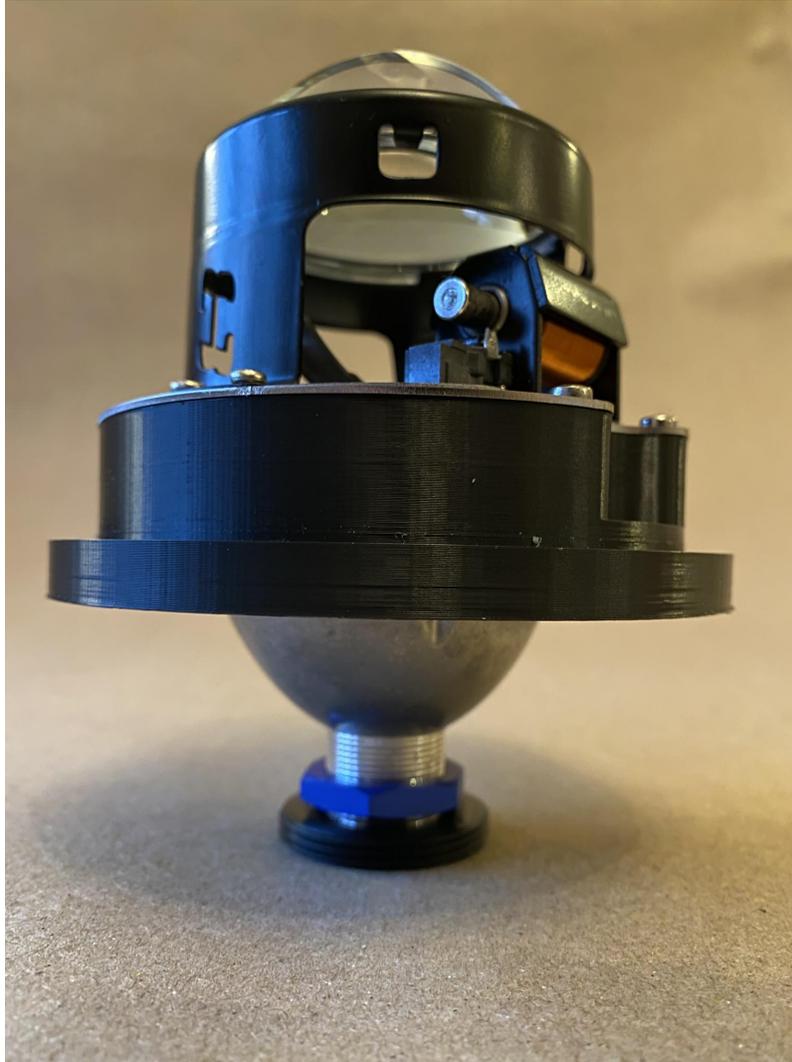
6. Now that you have a clean and prepped factory bucket, fit the adapter again. The Bosch adapter will reuse the factory foam seal.

7. Time to assemble the projector on the adapter. You will see six screws on the projector assembly – three on each side. Remove these. But be gentle. They are cheap hardware. I had one snap and one stripped the threads.



10. With the screws removed you should have three pieces. The glass projector, a plate with the bi-xenon function, and the bulb housing/reflector. The order of the assembly goes as follows starting at the bottom:

1. Bulb holder.
2. Adapter plate (should be screwed to the plastic adapter already).
3. Bi-xenon motor plate.
4. Projector lens.



As you assemble these, I would again recommend using some sealer between the bulb holder (reflective bucket) and the metal plate that came with the kit. This is to further ensure a sealed assembly.

Stack these on top of each other and use the six medium length screws provided in the kit. Screw these in with care as to not wreck any threads on the reflector bucket. Snug them up, but don't go overboard. Once the screws are tightened, take the 6 screws that came with the projector, scold them for being cheap, and throw them away.

11. The last thing you will want to do before installing the completed assembly is seal the bi-xenon switch connector. If your goal is to have these completely sealed, this would be an opening through the back of the projector. These come this way, so there really isn't a more "plug and play" solution to this. Any high-temp RTV would do the trick.

12. Now you can install the assembled projector into the factory headlight bucket. Provided with the kit are new screws for the adapter. Use these and toss out the old gross ones.



Thanks for your purchase and I hope you enjoy them!

Gabe Gilbertson

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