

# Installing OEM HID Projectors

**\*\*Please read the extra tips on the last page of this walkthrough before you attempt the install\*\***  
Original write-up by: **notjes** of VWvortex.com

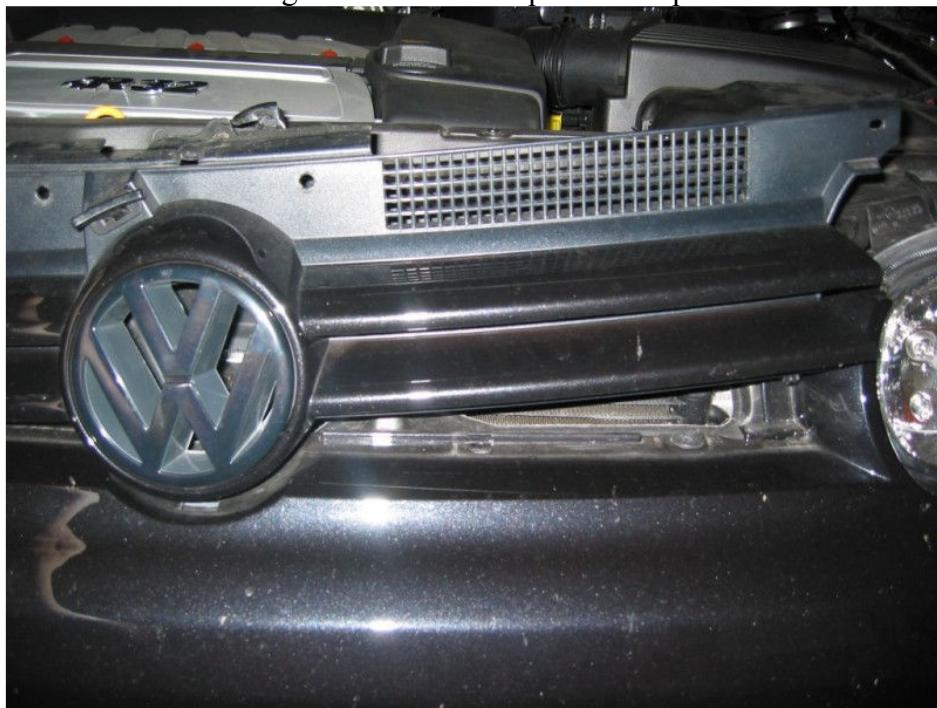
Step 1 - Remove these plugs:



Step 2 – Insert screw driver here, unlock grille:



Step 3 - Grille pops up out of the plugs on the bottom of it. The way it detaches from the hood latch is kind of weird, you pull up on a metal tab to unlock it, then stick a screw driver in between the two "fingers" and turn it to pull them apart. You'll see.



Step 4 - Remove the torx bolt here (I think it was a t25):



And these two, on both sides:



Step 5 - Remove these torx bolts (same size as above) as well as the ones on the bottom front of the bumper that attaches the plate to it:



Step 6 – Pop the grilles out (just pull outward), and remove the nut here (10mm I think) on both sides:



Step 7 - With the nuts removed, the bumper should be able to pull slightly forward to expose the lower bolts: (only pull one side forward at a time so you don't have to pull the whole bumper off)



Step 8 - Remove the top bolts:



Step 9 - Remove wiring harness: (feel around for the clip at the bottom of the big plug, should click out)



US vs. Euro housing:



Step 10 - Re-install housing, screw back in, re-attach bumper on that side:



### Tips and Suggestions:

Posted by **Acerxz**:

"Here's a quick hint. When you take off your bumper do not remove the hood latch from the grill, it's a pain to put back on. You can just move the grill to get to the screws on the bumper."

Posted by **Daemon42**:

"Yep, agree about not removing the latch handle. Just lift the grill up out of the way with the handle still attached through it. One guy removed the latch handle, and then accidentally closed the hood, and was unable to re-open it... Ooops."

And the lower side grills don't just "pull out" unless you want them to eventually bend and fall out on their own. There are little clips that hold them in up top. Stick a flat blade screwdriver in edgewise (vertically), and push the plastic clips downwards while simultaneously pulling out on the grill a little, until they're all unhooked.

As for all the various screws. There are 7 torx screws to be removed per side in the fender well, and 4 more screws that hold the bottom center cover to the engine, and to the rest of the cover on each side. The center cover comes off by itself for access to the oil filter."

Posted by **Fronesia**:

"I just installed my HID's, and as a bit of a novice mechanic, here are some things I can add to the write-up.

1. The torx screws around the grill area (5 of them) are T30, not T25. ALL the rest--those on the bottom and in the wheel wells are T25's.
2. I found that the best way to get wheel well screws back in was to first connect the ones higher up, *but leave them loose*, then to get the bottom holes to line up you can actually push the bumper in a bit and also push up. When I did that they all lined up nicely.
3. It would be helpful to have a socket that can take a drill bit, so that you can put your torx bits into your socket wrench and reach in all those places that won't really allow a medium-length screw driver to go.
4. This was obvious to most folks, but not to me: the wiring harnesses unplug by pushing the single "ear" on the factory one in the middle, and pushing in both "ears" on the 10 to 12 pin adapter on the outsides. The adapter ones are VERY hard to get loose, and it's easy to break off the ears.
5. Getting the bottom engine cover back on is quite hard. When I did it changing my oil it was a breeze, but I had the car on ramps at the time. Doing it with the car on the ground takes more "feel" than I had. If you can't find it easily, I'd put the car up before doing it."

### Side Notes:

I hope this write-up helps you out. For further information on this topic, please search / browse the forums at VWvortex (forums.vwvortex.com)

I can not accept credit for this write up; all I did was toss it into a .PDF format for easier viewing / archiving / printing. Please feel free to modify or distribute this however you may see fit.

Neither I nor any member of VWvortex.com can be held responsible for any damage done or problems caused to any vehicle that this write-up is applied to. This is simply a walkthrough with pictures to help you DIY. If you do not feel comfortable doing some of the tasks listed above, please have someone with a general knowledge of auto-mechanics help you out, or pay a professional.