



## How To: Add xenon white angel eyes

Courtesy of 130girl

### **You need the OEM xenon lights to do this change**

Have been running these in my 1er for about a month now with no problems. During the day they aren't as prominent as the normal yellow rings (although I don't know why you would want them on during the day –not compulsory here in Australia). At night they perfectly match the xenon light for a very uniform look. Pretty obvious during twilight although I think having eyebrows on the lights would help by cutting the ambient light. Only problem is the fogs do not match– however I want to keep them the normal halogen colour as I think the xenon white would reflect more when it is foggy.

For those thinking about a clean white light look without the dirty yellow, definitely worth it!!!



It is a simple replacement of the OEM angeleye bulb unit with an aftermarket LED based unit.



OEM Angeleye bulb unit



Aftermarket angeleye LED unit

There are a few aftermarket manufacturers that supply LED based units that replace the halogen units which light up the optical fibre connected to the OEM angeleyes. Depending on which aftermarket unit you use, it is either a plug and play with existing connectors or a simple tap of the existing wires. It is the same unit that is used in the E53 X5 and E60 5ers. Check out these manufacturers.

<http://www.angelibright.com/>

[http://www.umnitza.com/product\\_info.php?products\\_id=1111](http://www.umnitza.com/product_info.php?products_id=1111)

[http://www.turnermotorsport.com/html/detail.asp?PRODUCT\\_ID=19409](http://www.turnermotorsport.com/html/detail.asp?PRODUCT_ID=19409)

The predator ice were used in my 1er although I know people who use angelibright with the same result. Both were old versions before they got "brighter versions". If I were getting them now, I'd weigh up what they say. Umnitza seem to have a good offer running for USD149 shipped anywhere but they want you to write up a review and I didn;t want to be tied down. Also, you need to do a wire tap for the predator ice which just adds to the difficulty working in a limited space in the 1er. Angelibright was just plug and play. There is a difference in price though and there is the PIAA version to consider. Anyway, the offer is here:

<http://www.babybmw.net/forum/viewtopic.php?p=65565#65565>

I've seen the original versions of the first 2 and they look pretty much the same (negligible difference). Haven't seen the third one. Both angelibright and predator ice now have updated versions that I have not seen but are worth a try as they have "improvements". Installation is simple-

1. Pop the bonnet and identify the back of your headlight assembly. It should look like this (don't take it out, pics are just to show you):



LHS headlight from back (for illustration only- do not remove)

2. The angeleye bulb unit is at the bottom but in order to access it, the headlight cover has to be removed first (things under the 130i bonnet are REALLY REALLY tight). Familiarise yourself by removing the RHS first. Just undo the 2 clips that hold the cover in place (see below) and wriggle the cover off and out. The LHS is harder because the air intake assembly near the headlight cover needs to be pushed to one side to facilitate access- to do this, just remove the three bolts that affix the top of the air intake assembly- not shown).



Unclip headlight cover clips in order to remove headlight cover

3. Now you should be able to access and reach the angeleye bulb unit as shown below. It works like a bayonet light bulb fitting. Twist about a quarter turn and pull straight out.





Angeleye bulb unit- twist to remove

4. Depending on which angeleye bulb unit you get, either connect or tap the existing angeleye wires and test by turning on your parking lights. Once you see that it works, carefully insert the new LED unit straight into the original bracket ensuring it is properly lined up before twisting into the locked position (can be a little tricky so be patient with this step). Test light your angeleyes- each ring should be about the same brightness, if not the LED unit is not properly flush and is not directly pointing at both of the optical fibres that light up each ring. If this happens you need to refit. Once properly inserted, reverse the above steps to reassemble air intake and headlight covers.

It is so easy, a girl can do it (probably a little easier as things are so tight that small hands make it easier). As usual, all care taken with these instructions but no responsibility accepted.