



Cyberdog Bobblehead

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Summary

Unfinished project for a cool looking Cyberpunk 2077 bobblehead with working led

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This is an **old** and **unfinished** project, still **salvageable** for enthusiasts, but not easy or simple to make. It will require some creativity, tinkering and touching up, **so read before you proceed!**

On the model

I was pretty impressed with the atmosphere, design and worldbuilding of Cyberpunk 2077, and remember vividly when you first drive around in Night City with this bobblehead on your dashboard. I wanted one.

How I made the 3D model

I downloaded the model (forgot the source) and sculpted additional details into it. Then I started splitting it into different parts (head, implant, teeth, etc.) so that I could print and paint them individually. I then made the pedestal with room for some simple electronics, modeled a bore hole through the body for the wires, and added a spring mount to bobble

the head. I took some prototyping, because the head is so front-heavy that the spring will simply bend forward and not bobble at all! I fixed that by adding a compartment on the inside of the head which I could fill with a counterweight to balance the head!

How I made the physical model

First, I printed all components with my Mars 2 Pro in transparent red resin. Retrospectively I should have used a non-transparent resin. Anyway, after washing and curing, I airbrushed all the components. I proceeded by filling the compartment in head with tiny lead balls (as used for fishing) and epoxy, and let that cure. Then I added the spring, hotglued some orange leds to the implant, ran the wires through the spring and body ,and soldered those to the 2x AAA battery box and switch in the pedestal.

Before you print

Please realize that I didn't plan on sharing the model because it I never did the work to make it easy to make it yourself. But hey, perhaps you want one so badly that you're willing to try anyway! Perhaps you'd be willing to upload your project/remix so that everyone can make one?

Model files



head.stl



gloweye.stl

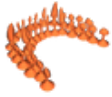
☐ you'll want to print these in transparent material, and glue leds to them!



tongue.stl



collar.stl



teeth.stl

☐ these teeth can be glued into their respective holes in the mouth



implant.stl

☐ you'll want to insert the glow eyes into this part



pedestal.stl



body.stl

☐ please realize theres a bore hole for the wires all the way through!

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