



## Improved bearing-less Xbox One controller mini wheel



Bemko

VIEW IN BROWSER

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### Summary

A small modification of the bearing-less mini wheel by mrplasma (<https://www.thingiverse.com/thing:4498704>)

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A small modification of the **bearing-less mini wheel** by mrplasma (<https://www.thingiverse.com/thing:4498704>) which is based on the pixel2 design (<https://www.thingiverse.com/thing:3049220>).

### Details

I noticed that in the original design the short and off-center guide sometimes caused binding and uneven resistance when rotating the wheel. In the modification that I made **the guide and the rack longer and symmetrical** for smoother operation and it proved to work very well.



Because of the longer rack it may be a bit difficult to press the X button when the wheel is turned all the way to the right, but in practice it has never been an issue for me.

The frame of this model is intended for the **Third Generation (2016)** of Xbox one controllers.

### **Print settings**

Print all the parts **in the provided orientation**. Supports are required only for the frame.

The only modified parts are frame\_long.stl and rack\_long.stl, so if you have already printed the original design you can re-use the other parts.

For more detailed print and assembly instructions check out the original designs.

### **Additional**

The steering wheel can also be used with the **3D printed paddles fox Xbox controller** for easy gear shifting or clutch/handbrake.



## This remix is based on



**Bearing-less Xbox One Controller Mini Wheel 100% 3D Printed**

by mrplasma

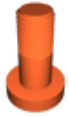
## Model files

steering\_wheel.stl



pivot.stl





**screw.stl**

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**frame\_long.stl**

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**rack\_long.stl**

[Find source .stl files on Thingiverse.com](#)

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