



## Anycubic Mega Zero 2.0 - Ender 3 Direct Drive + 3DTouch + Endstop



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### Summary

Direct Drive for Ender 3 installed on Megazero 2.0

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Got this direct drive which is for an ender 3 from a friend and thought I would try to use it on my Megazero 2.0

I also have **Ender 3** V2 which is already heavily modified so it does not need this... :)

This kit comes with all nessessary wiring

#### Remove stock x carriage

- Remove stock carriage and all cables except endstop
- Original belt can be used
- Original endstop can be used

#### Install Ender 3 Direct Drive x carriage

- Top 2 v-wheel bolts need to be flipped so that the bolts are at the front, this will allow extra travel on x
- re-install belt
- Install Endstop extender before re-tightning

## Endstop Extender

- There is 2 threaded holes which work perfect with original endstop
- I cut the spade connectors off and looped wire through holes and shrink wrapped as they kept popping off
- You will need to print the endstop extender and mount it to the end of x gantry
- Extend x endstop wires to match all other cable lengths going back to the mainboard

## 3DTouch mount

If you have one this part simply slides over the endstop

- Longer bolts are needed atleast 10mm long
- Holes on the backside are smaller to cut it is own thread
- Not sure what probe offsets are yet but they are close to an ender 3 stock offset

## Cable management

I used this part from thingiverse which bolts to the stock extruder location and works well

<https://www.thingiverse.com/thing:5210040>

## Model files



**endstop-extender.stl**



**3dtouch-mount.stl**

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