

## ADXL345 4010/4020 Fan Mount



Persano

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## Summary

Simple remix that allows to mount different versions of the ADXL345 sensor and use heat inserts!

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I had problems with the ADXL 345 mount for the fan. It was not an issue with the fan that I am using, which is a 4020 axial fan. but with the mount itself. The board wont stand straight on it, so a lot of pressure was being push in the part where you screw it and the solder point were being smashed.

So I did this simple and fast remix that combines the excellent Bed mount with heated inserts with the fan part of the other mount. And trust me, the heat inserts are GREAT for this applications.

This mount is compatible with every 4010 and 4020 axial fan. Just unscrew the two top screws and put this little mount between the fan and the screws. You may need to use longer screws, like 5mm longer screws, depending on the lenght of your screws and fan you are using.

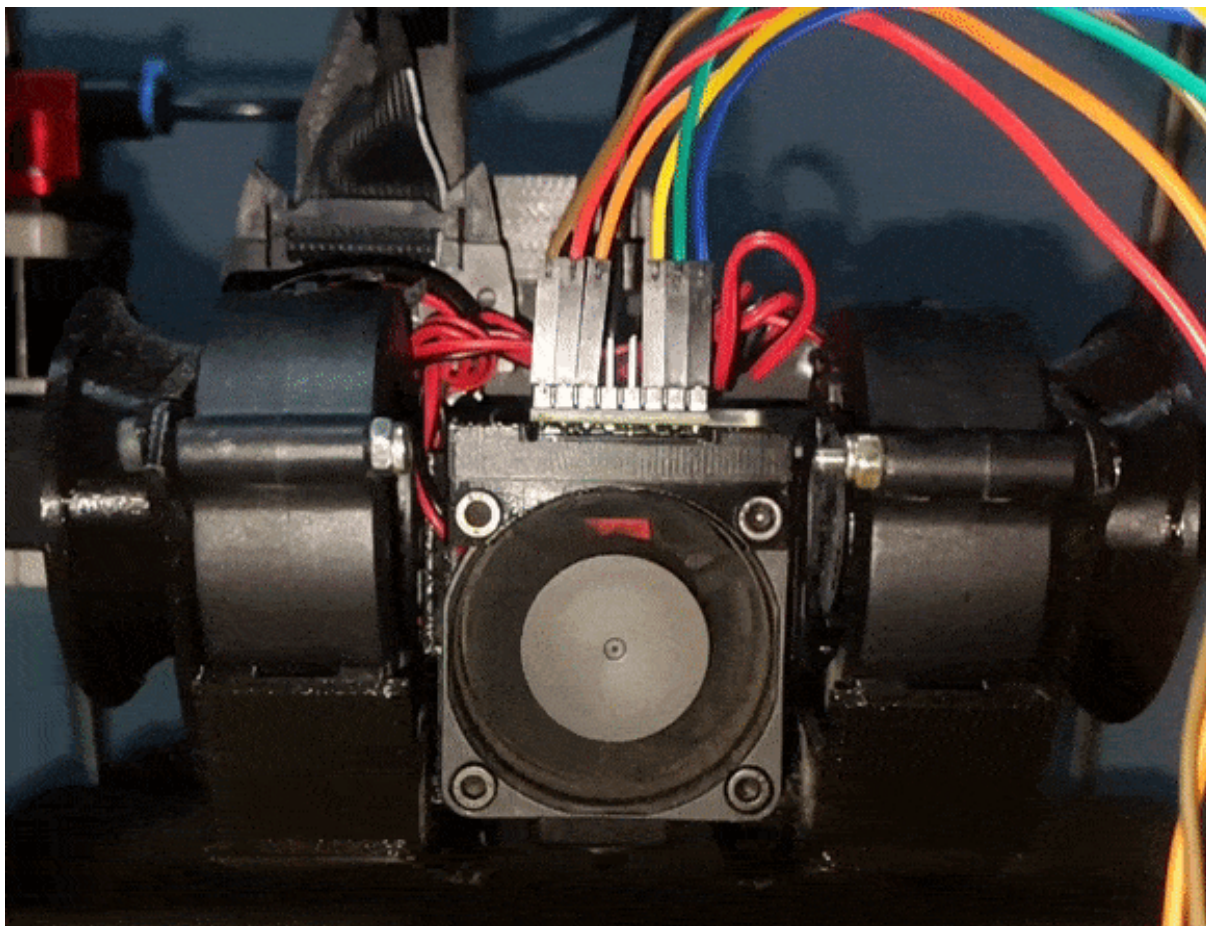
I can guarantee that this mount works well, because I designed it to use input shaper with my Creality CR6.

**Important:**

You need two heat inserts (M3x5x6). Did not test without them, but the hole is not small enough for fitting only the screw. And you need M3 screws for the heat inserts (captain obvious)

PD: Supports are not needed, but you can use them for the little hole at the bottom of the fan mount. I used them but because I like to support things, just in case.

Vibrations go brmmmmmm (GIF of the X Axis being tested)



## This remix is based on



### **ADXL345 Mount**

by M. Kanawati



### **ADXL345 Bed Mount**

by WhatWouldAnEngineerDo

# Model files



adx1345\_fan\_mount\_x\_axis.stl

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