

Makerbot Replicator Titan Conversion



f191

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Summary

Modification & Modernisation of existing Titan+v6 upgrade to improve design

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Tags: [ctcbizer](#) [replicator](#)

Modification that rotates the extruder 90degrees, allowing for use of a 4020 hotend fan & overall more compact design.

Refer to images for assembly.

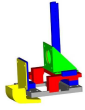
Larger holes intended for heat-set inserts, whilst smaller ones allow passthrough of an M3 bolt.

The drill template is used by removing the whole toolhead, popping the template in using the rectangular holes, and drilling 3mm holes. then screw in the front & rear blocks before reassembling the motion system.

Hotend fan mount used in images can be found [here](#).

ATTENTION: THIS DESIGN IS INTENDED FOR A "VOLCANO" STYLE V6. USE OF A STANDARD V6 WILL REQUIRE ADJUSTMENTS BE MADE TO THE BLTOUCH MOUNT & FAN MOUNT.

This remix is based on



CTC to Titan&V6

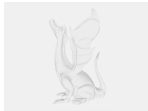
by Detlef01

Model files



front-block.step

☐ Left side of plate & fan mount screws in here



fan-mount-4020.step

☐ Height Adjustable 4020 fan mount. Designed for a Volcano length nozzle.



bltouch-mount.step

☐ Designed for a Volcano length nozzle.



toolhead-plate.step

☐ BLTouch Mount, Motor mount & KUSBA bolt onto here.



4020-fan-duct.stl

☐ Originally "Fan_Duct". Unchanged from original design.



original-motor-mount.stl

☐ Originally "Extruder-Bracket". Unchanged from original design.



original-rear-block.stl

☐ Originally "Extruder-Table_Part_2". Unchanged from original design.



original-drill-template.stl

☐ Unchanged from original design.

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