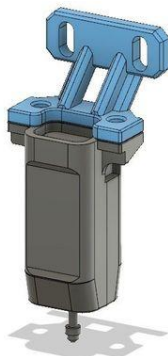


3D MODEL ONLY



## CR-Touch Mount for Manta MK2 Duct & Tool Head System

d dsnineteen

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updated 16. 5. 2022 | published 16. 5. 2022

### Summary

Centre bed-levelling probe mount adapted to accommodate the Creality CR-Touch

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Whilst installing the brilliant Manta MK2 system by boothyboothy recently I came to realise my bed levelling probe of choice, the CR-Touch, wasn't wholly compatible with the provided mounts due to plug/wiring location in the top of the probe.

This is a rough first draft remix of the originally provided BLTouch centre mount part, with adjustments made to better suit the plug recess.

I have tried to retain boothyboothy's design style in making this.

Things to note:

- **Probe Y offset should be approx 39.96mm**, slightly more than the BLTouch version (BLTouch pin is centred between it's mounting screws, CR-Touch is bulkier and probe pin is offset)

- This is a first draft, and the area the Manta setup allows for a centre mounted probe is cosy (particularly if using 5015 fans). If you are having clearance issues, feedback is welcome
- The CR-Touch is roughly 2mm shorter overall than the BL-Touch. I have not allowed for this difference in the design, you may be able to compensate using the existing vertical screw slots, or print off a spacer

Todo/Wishlist:

- Print a copy of my own and test/upload photos - will do once my hot end is back together & operational
- Iron out any obvious clearance/offset issues
- Provide editable file if requested
- Off-centre version?

Thanks to:

- boothyboothy of course, not just for the Manta MK2 project but ongoing dedication & contributions to the 3D printing community
- Klaus Massler, whose CR-Touch model (via [grabcad](#)) was very useful as a reference

## This remix is based on



**Manta MK2 Duct & Tool Head System**

by boothyboothy

## Model files



**manta-mk2-cr-touch-centre-mount-alpha.stl**

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