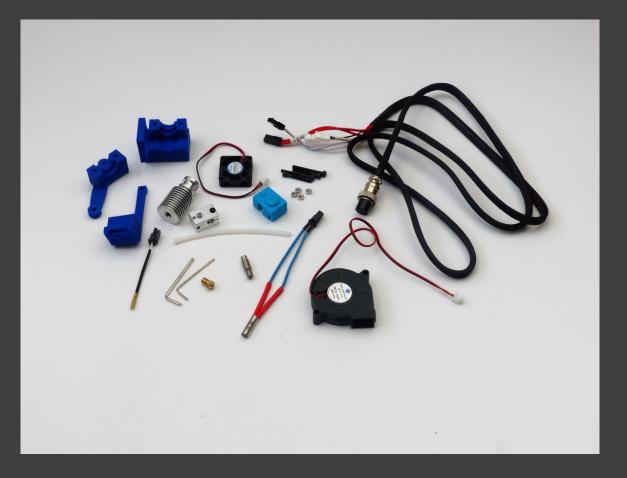


Assembly Instructions

V6 Modification kit for Creality Printers by TCMUK3D Ltd

Contents

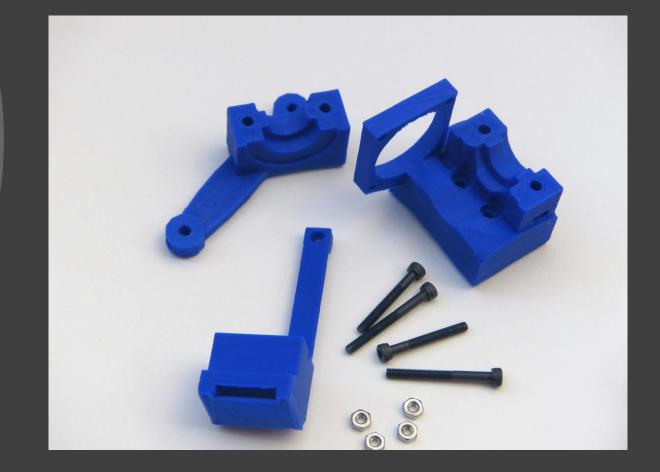
- Full kit for Vardøger (V6) J-type hotend
- Control cable
- Blower Fan
- Clip on Fan Duct



02/03/2019

3d Printed Parts

- To print your own parts in a suitable material the files are available at <u>https://www.thingiverse.com/thing:32</u> <u>40094</u>
- We recommend you use PTEG printed at 50% infill and a 0.2 layer height for this assembly



02/03/2019

Before you start...

- This kit is only intended to be used by competent persons. If you feel in anyway unsure of your capabilities please **STOP** immediately.
- TCMUK3D Ltd cannot accept any liability for loss or damaged caused as a result of using this kit.
- We would recommend that before you start to strip down your printer that you take a few minutes to assemble your Vardøger (V6) J-type hot end.
- To assist in this you may wish to view our short <u>video</u> <u>guide</u>
- Provided that they have the same J-type collar arrangements other hot-ends can be used in conjunction with this kit
- Prior to starting your modification. Please disconnect your printer from the mains and always ensure that you follow best practices with regard to electrical & personal safety



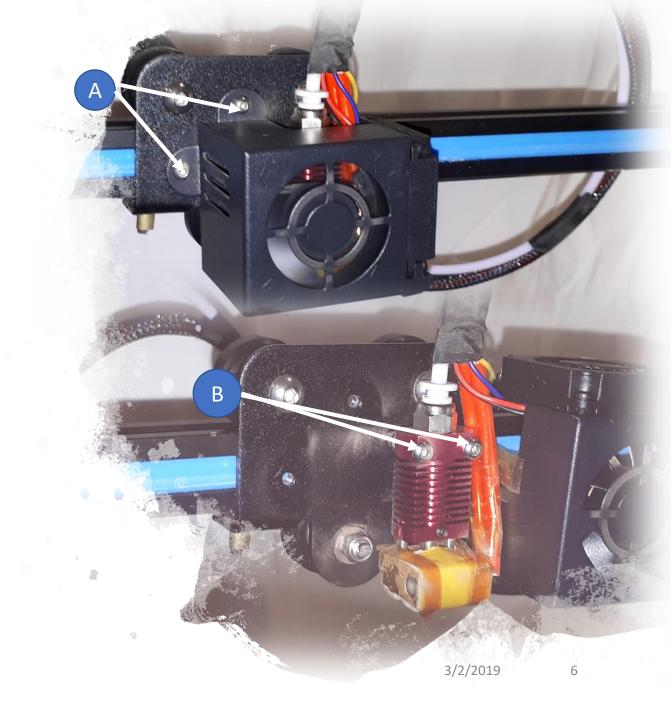
Modifying your CR10 printer

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Remove original Print head

- Remove cover (Screws (A) may be discarded)
- Remove print head PLEASE RETAIN THESE SCREWS (B)
- Remove & retain the Bowden tube from the old Print Head

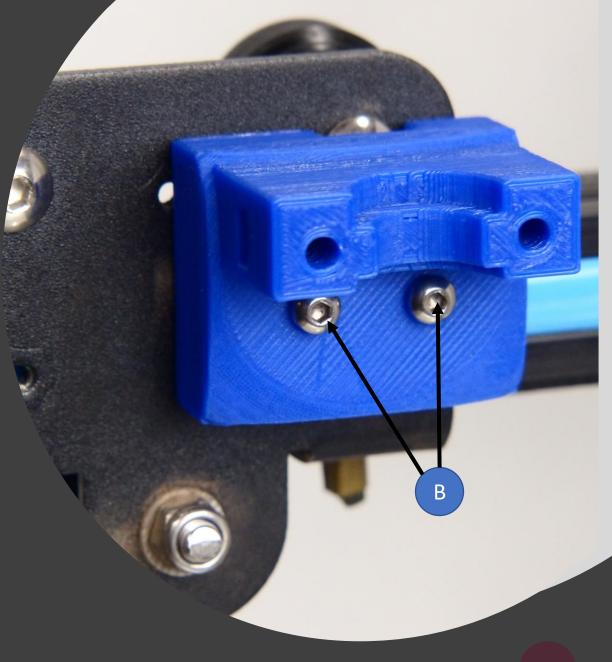


Ready for assembly of modification kit



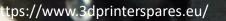
Backplate assembly

• Fix the mounting block to the backplate using the original screws (B) that you have retained from the original head



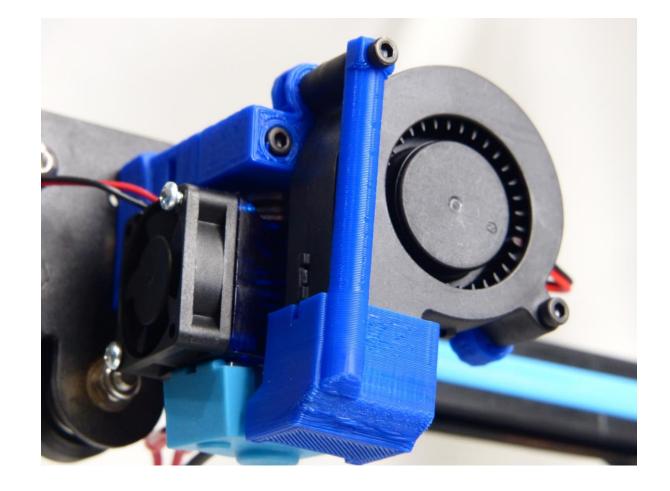
Assembly

- Fit pre-assembled Hot end (D). It may be a tight fit.
- Insert 4 M3 nuts into the appropriate retaining slots (E)
- They may be a bit fiddly and require aligning in the slot.
- Fix cover to backplate using longer M3 hex bolts.
- Clip the fan & duct (F) to the hot end



Final Assembly

 Fit blower fan & blower fan duct to assembly using the two shorter M3 bolts provided



02/03/2019

Connect the cable

 Connect the appropriate leads from the hot-end to the cable assembly – please note the blower fan is FAN2



Connect to printer...

- Insert the 8 way "Aerospace" connector into the appropriate socket on the Creality control box, ensuring that you have the correct polarity,
- Refit the Bowden tube & if you wish attach to the cable using an appropriate method such as electrical tape or cable tie (not provided)



Thank you for purchasing our kit

- For further information, help or support email us at <u>shop@tcmuk-3d.co.uk</u> or contact us via Facebook <u>https://www.facebook.com/</u> <u>TCMUK3D/</u>
- If you have any constructive feedback on how we might improve either this instruction set or indeed the kit itself please do not hesitate to contact us,

