



C0001005MM Micromech Stepper Motor Assembly

How to convert a C0001292 Motor into a replacement for a Beckhoff C0001005 replacement

 Difficulty Hard

 Duration 30 minute(s)

Contents

Step 1 - Supplied 3mm dowel with C0001200 encoder must be fitted to stepper motor

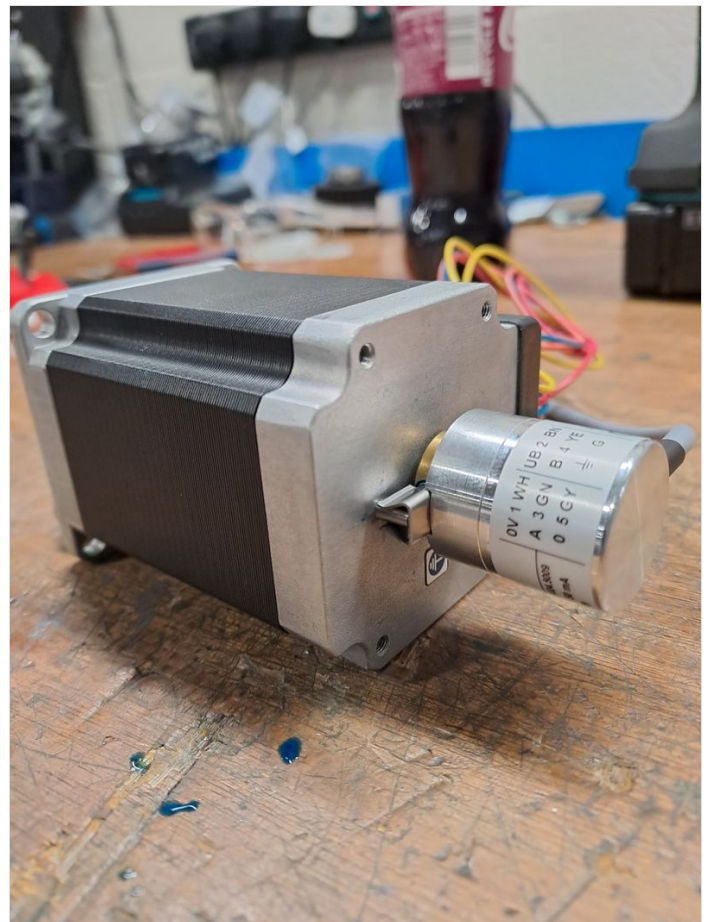
Step 2 - Position of dowel

Step 3 - C0001200 Encoder fitting

Step 4 -

Comments

Step 1 - Supplied 3mm dowel with C0001200 encoder must be fitted to stepper motor



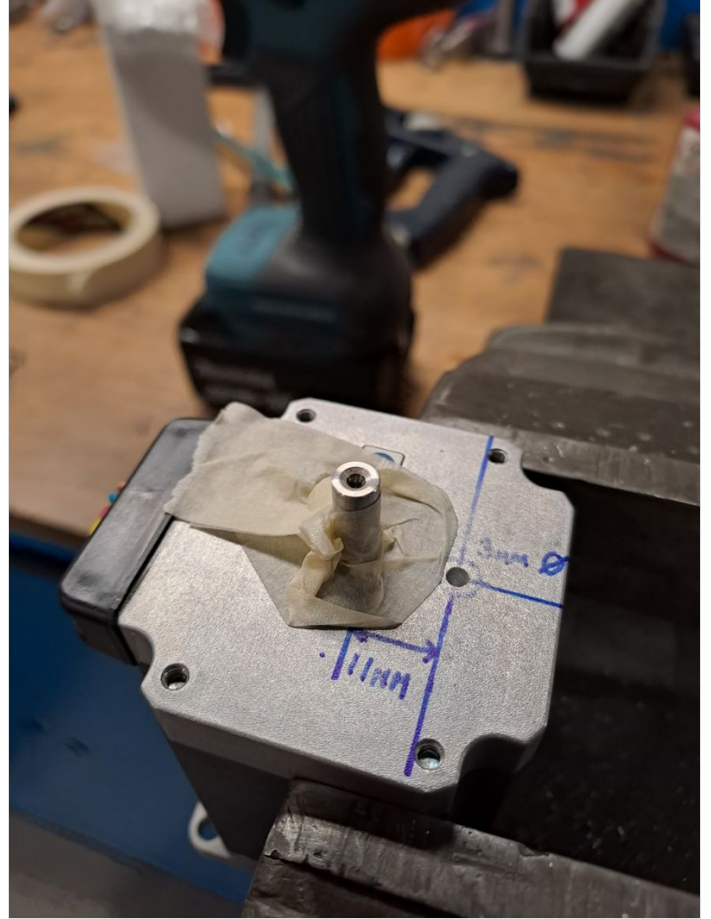
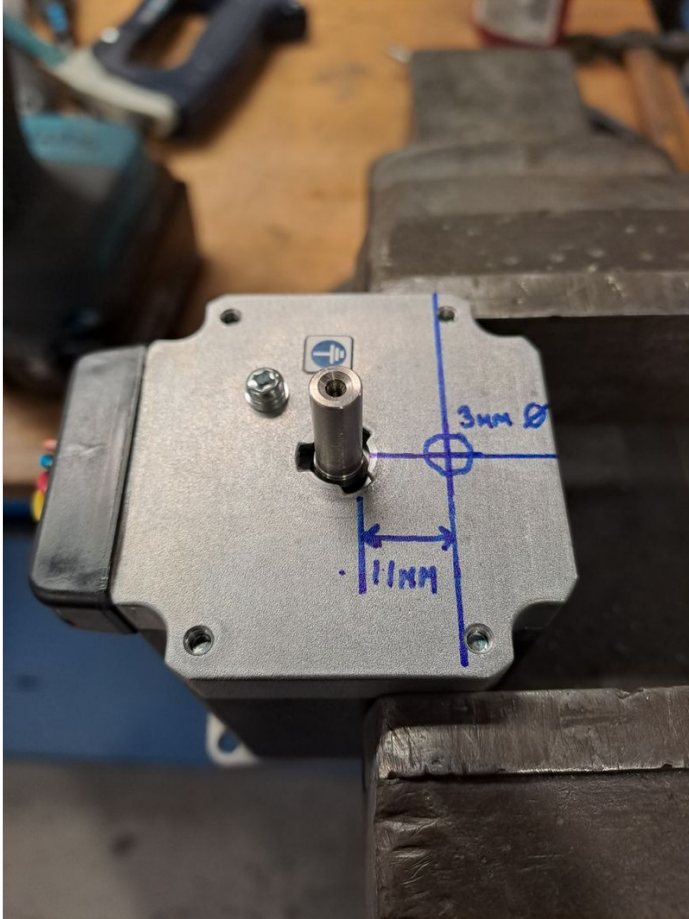
Step 2 - Position of dowel

Mark the motor face as the picture to give the correct mounting position

A 3mm hole must be drilled in this position at a depth of 5mm . Caution, damage can be caused to motor if this depth is not adhered to. Increase drill sizes incrementally when drilling, to ensure a good sized 3mm hole

Use masking tape to stop swarf entering the stepper motor housing

Use a drop of Loctite 270 to ensure dowel remains in place when fitted



Step 3 - C0001200 Encoder fitting

Add Loctite 243 to location clasp (pic 3) and refit to encoder.

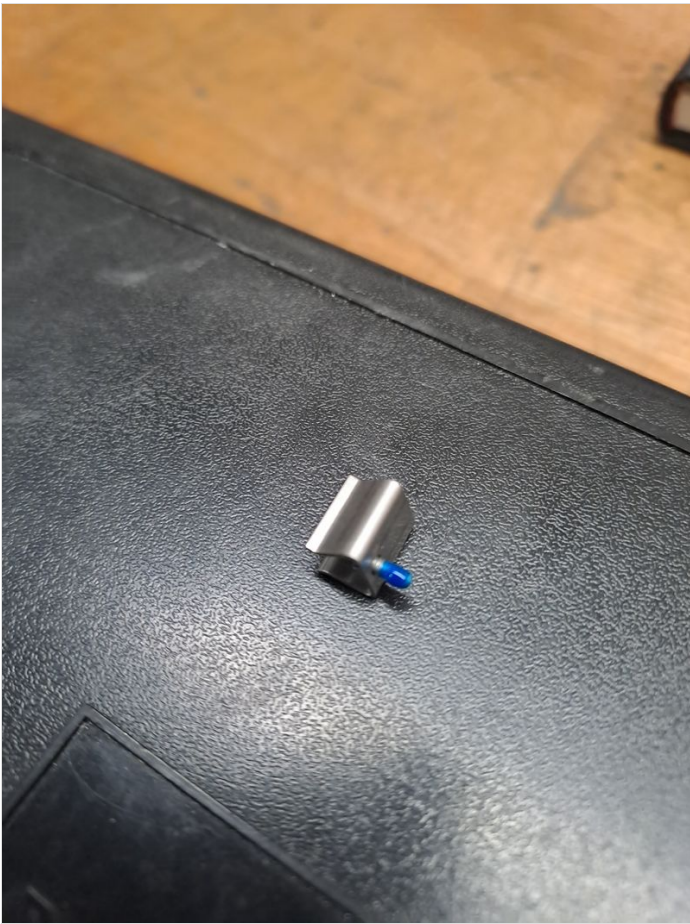
Add Loctite 243 to 4 off grub screws in encoder collar

Fit encoder to stepper motor ensuring location clasp sits on top of fitted 3mm dowel.

ensure retaining collar with grub screw is against encoder face and then secure the 4 grub screws

Test rotation of stepper motor spindle to check correct running with encoder fitted





Step 4 -
