

Adjusting the Drive Belt of a CQ

If the drive belt of the CQ Turntable becomes slack a jerky movements may become apparent. The effect of this could result in misalignment of the pot with respect to the grabber causing spillage. A secondary check of the drive cog should also be made.

The Stepper Motor that drives the Turntable is located beneath the Turntable, the two left hand side panels should be removed from the CQ to provide adequate access.

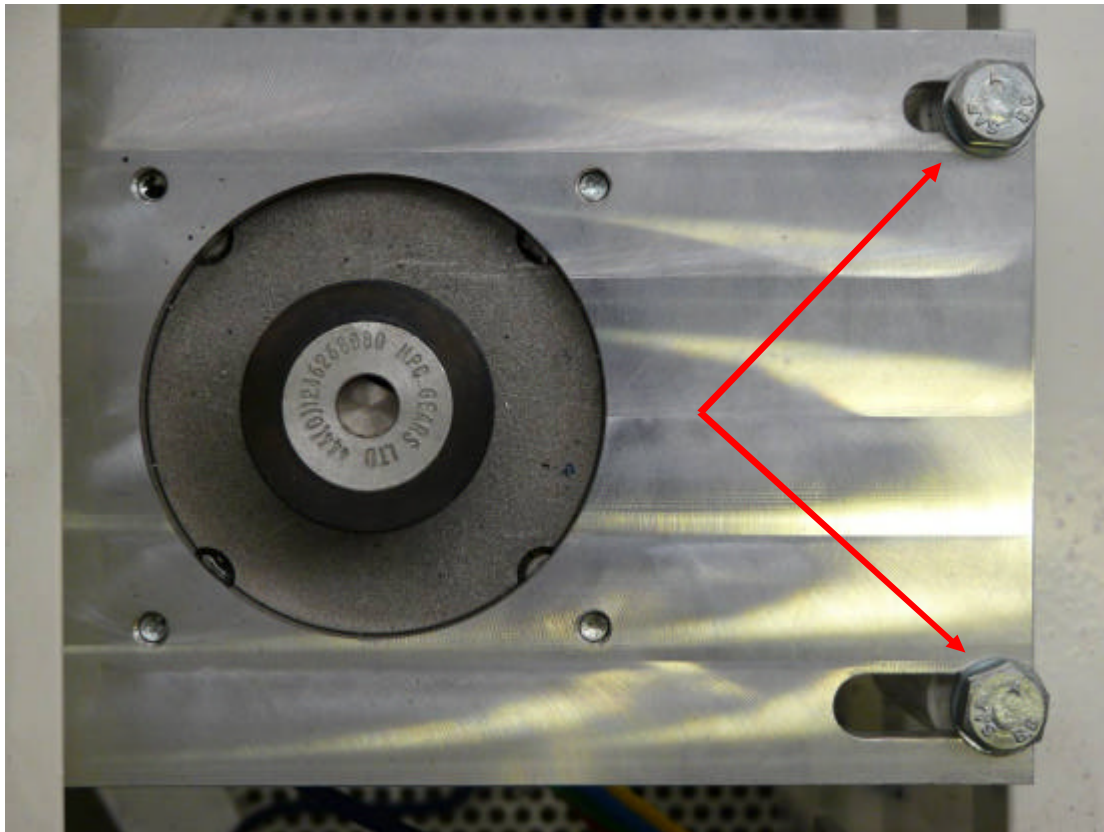
The Stepper Motor Drive Cog can be seen through the Turntable as shown:



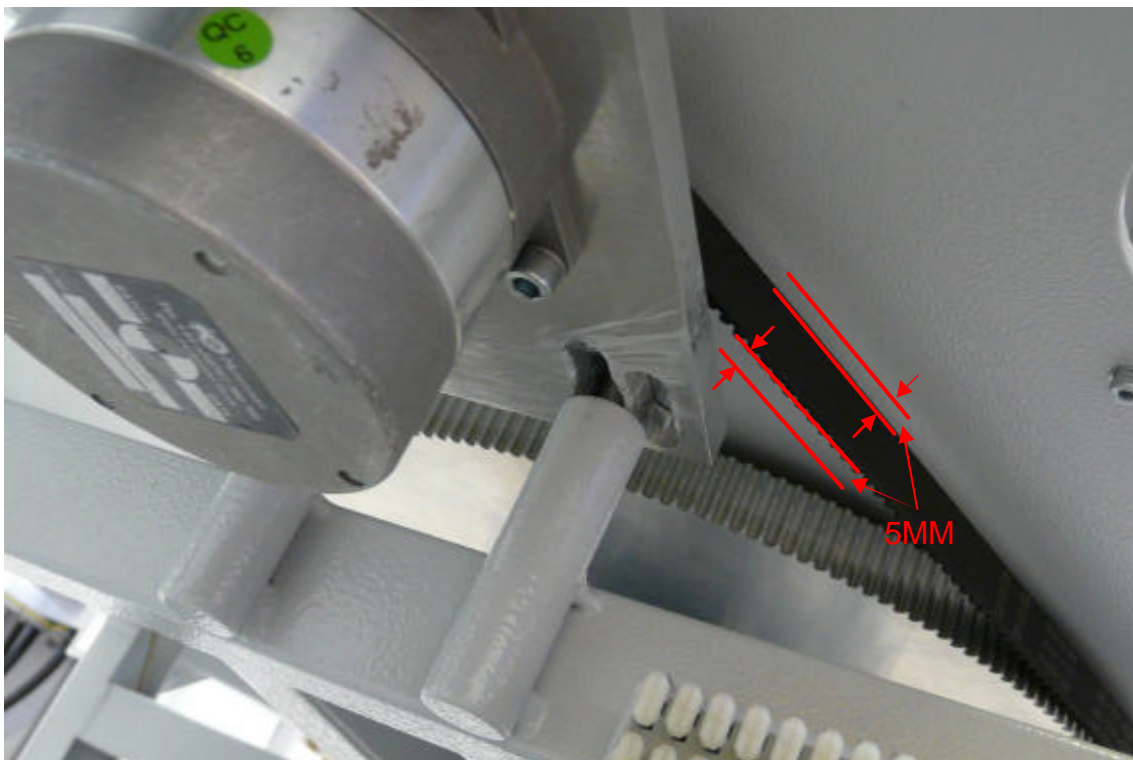
Check the screw securing the Cog to the Stepper Motor Shaft is tight; the screw should be aligned with the flat on the shaft, and is shown below:



The Turntable Drive Belt tension is adjusted using the bolts shown below:



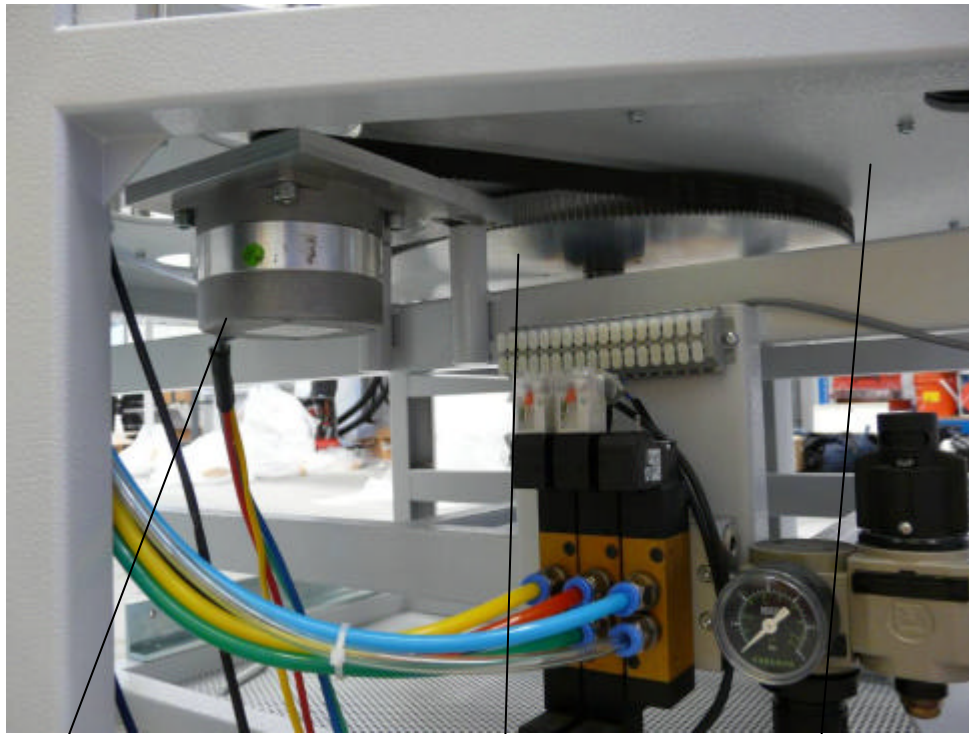
Access is from below and can be a little tricky. Slacken the bolts off using a 13mm wrench (a ½" should fit), pulling the motor away from the centre of the machine adjust the belt to provide no more than 10mm deflection of the belt as shown below:



Tighten the bolts and check the belt deflection.

Wider shots are shown below for a better perspective:

Underside View

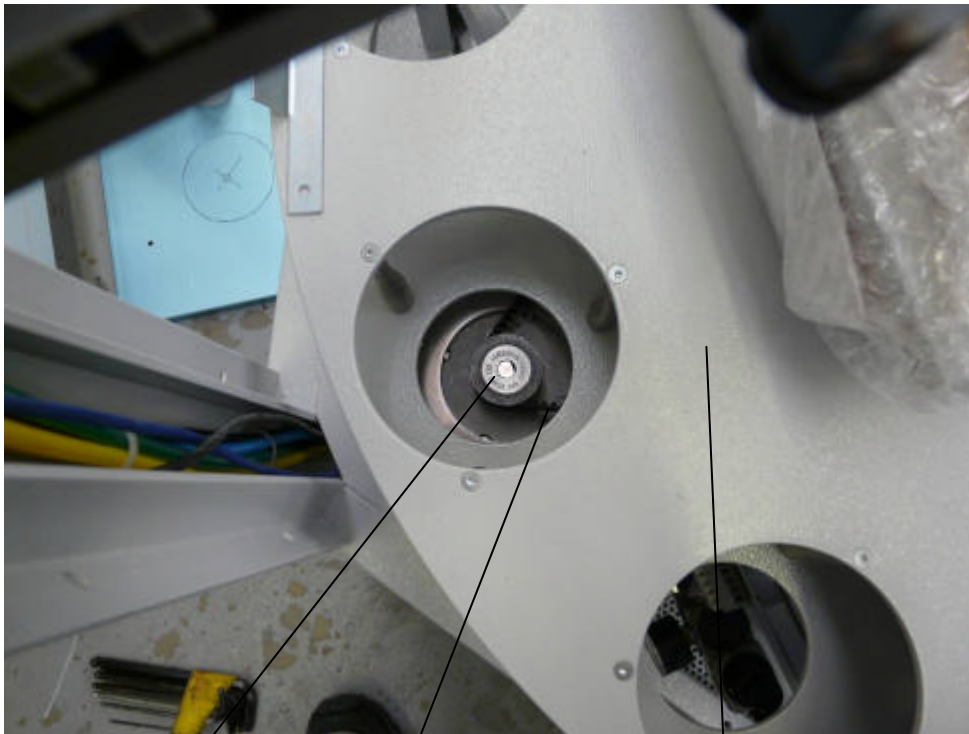


Stepper Motor

Turntable Drive

Underside of Turntable

Top View



Stepper Motor Drive Cog

Belt

Top side of Turntable