Design and Fabrication of Cutting Jig

Design and Fabrication of

Printer – Making it more reliable

* I changed the bolt the spool is resting on to one that is smoother.
* I did many prints (print attempts) that tended to stop feeding filament after very roughly half an hour. Or the upper layers
* I need to
  + Where I’ve washed off or scraped of the surface that makes the print bed sticky the filament is not securing properly to the print bed. Clean off and reapply and dry.
  + Ensure that the knurled wheel that feeds the filament is properly lined up and engaged
  + Get delivered the ball bearing races for the feed
  + Get automatic print bed levelling to work – appears to need Z end stop moving from the top to the bottom. Try first with the bottom Z end stop, with setting of add 1mm (as per video) to see if that can be made to work.
  + Order new knurled wheel for feeding filament
* Complete installation of the following
  + Front LCD control panel, allowing prints to be run from SD card
  + Print the chains for tidying the X and Z cables
  + Move the Rambo control board to the left and rear to better support cable tidy up.
  + Tidy up the cables putting them in the printed chains.
  + Put the covers on the printer sides
  + Install the lights that glow behind the logos
  + Install the LCD lights that illuminate work in progress
  + When the first print head is running smoothly get