

## Knocking off the print

Our printer has two extruders, which may cause the other nozzle knock the print during printing especially for big or tall object. You may hear extruder gear clicks or nozzle is knocking the print even knocking off the print.

This is because that the nozzle is too close to the heated bed. Please tighten three wing nuts a little under the bed to let the bed be a little far way from the nozzles. **Nozzle knocking off the print can also happens when printing some special object** such as overhangs as the end of overhangs is easily warping, big or tall object. The other nozzle will knock the warping print, and it is the disadvantage of dual extruders 3d printer.

**But you can preheat the other extruder to about 170 degrees celsius which is not for printing and load the filament first then finally unload the filament before your printing.** In this case, the other nozzle not for printing will be always hot, even it hits the print, it will not ruin the print.