

# Calibration

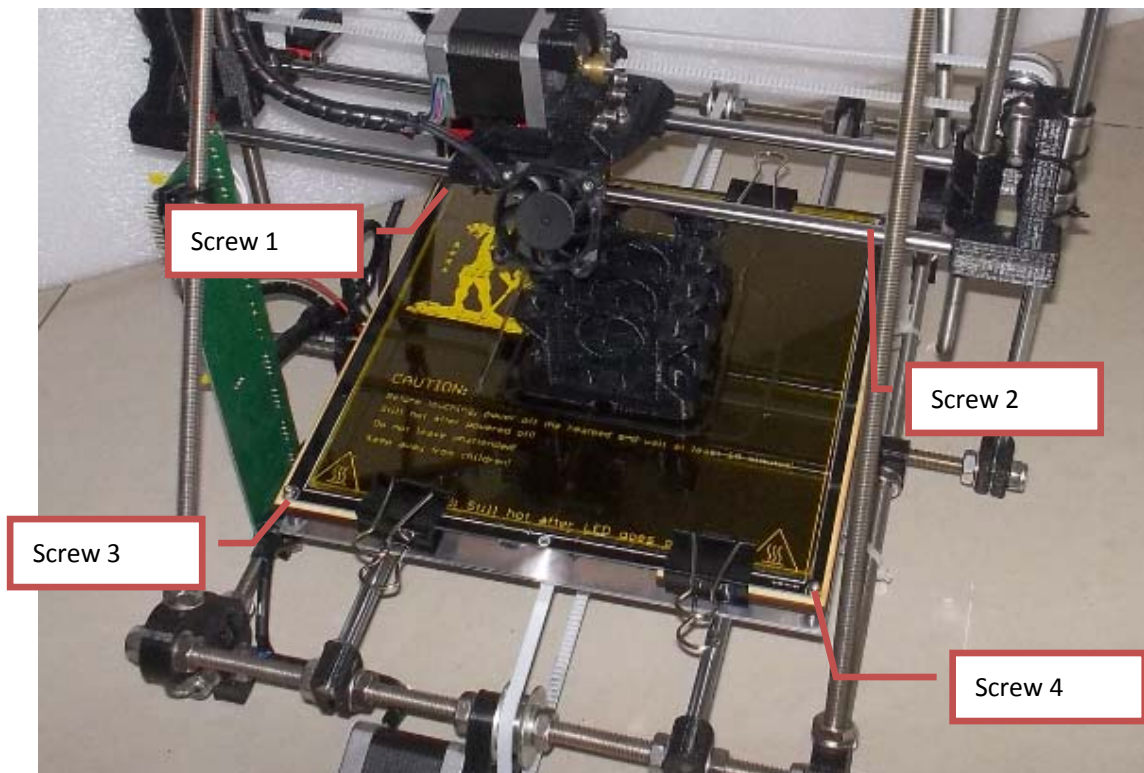
Items to be adjusted

1. whether the hot bed is flat
2. height between the nozzle and hotbed

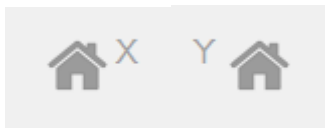
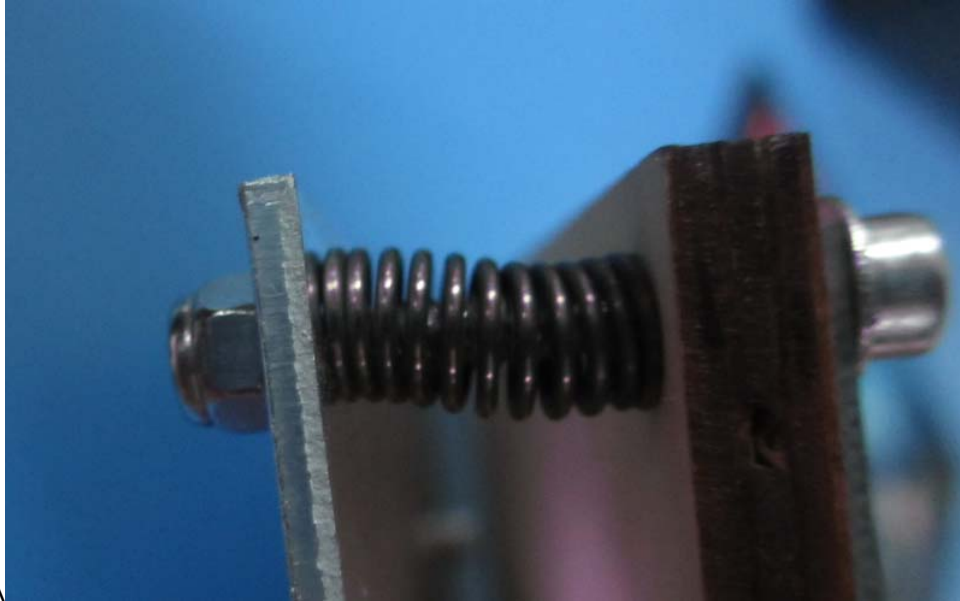
Details :

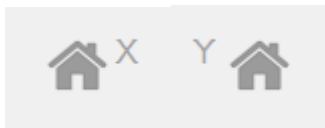
1. Whether the hot bed is flat

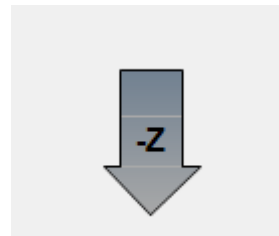
There are 4 screws, see the picture

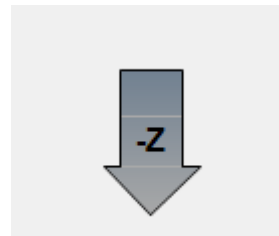


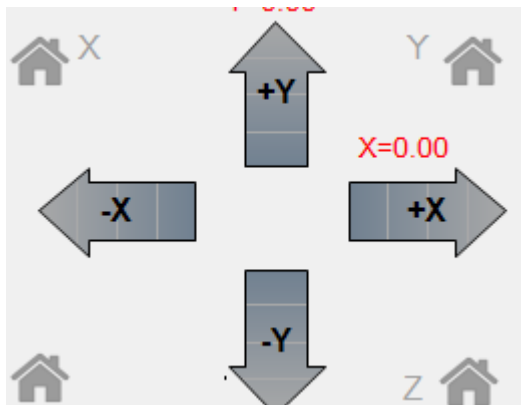
The formation of the screw



First, click  in the host software to zero the nozzle position,



Put a name card on one corner of hot bed, Click , 1mm every click, when the nozzle fall to the position, where the name card can be moved, but you can feel the resistance, then the height of this corner is OK, click



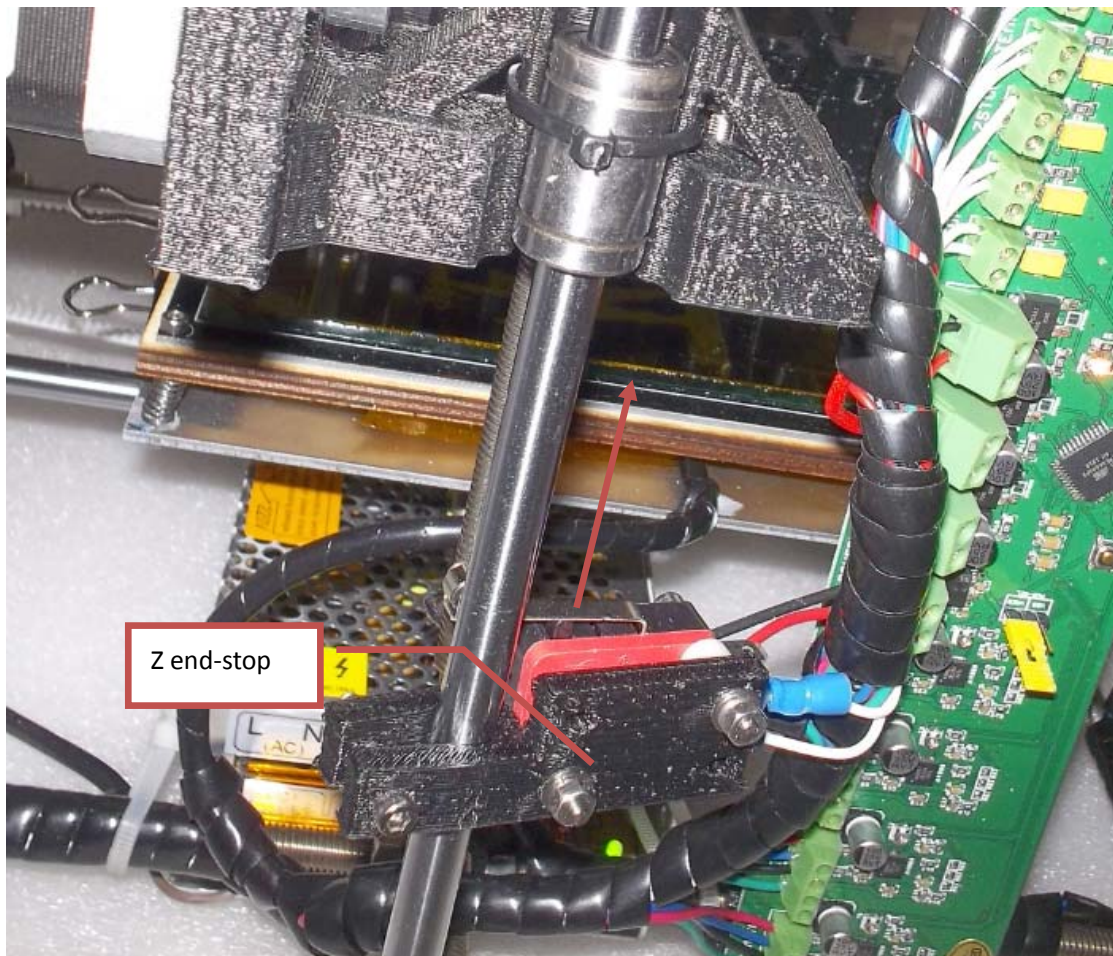
X and Y and move the nozzle to other 3


corners, move in small distance, about 1mm every click, do just above mentioned to adjust the height. If the height is too large, loosen the nut, if too small, tighten the nut. After that your hot bed is flat now.

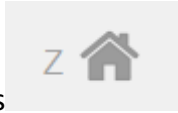
Step 2 now:

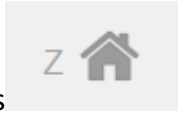
Height between hotbed and nozzle.

Firstly, adjust the Z end-stop upwards



Click  , nozzle would fall until the end-stop close, now there might be certain distance between the nozzle and the hotbed , then we adjust the end-stop down in small distance every time, after every adjustment,



press , until the name card can move but you can feel the resistance, then the calibration is OK, tighten the screw of Z end-stop

PS: the criteria of the height between nozzle and hot bed is that the first layer just be flattened.