



# 3D PRINTER

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REVISION : A

**TITLE:** How to resolve the problem of printing shifting

**INITIATE BY:** Manolo Chen  
**APPROVED BY:** Gary Chen

## 1.0 Purpose

The long distance shipping may cause the Y and Y axis set bolt loosening and make the print shift by X or Y axis. By tighten these set screw and and belt would fix the problem

## 2.0 Scope

This document establishes the specifications required for D5S, D5S Mini

## 3.0 Tools required.

One piece 1.5mm hex wrench



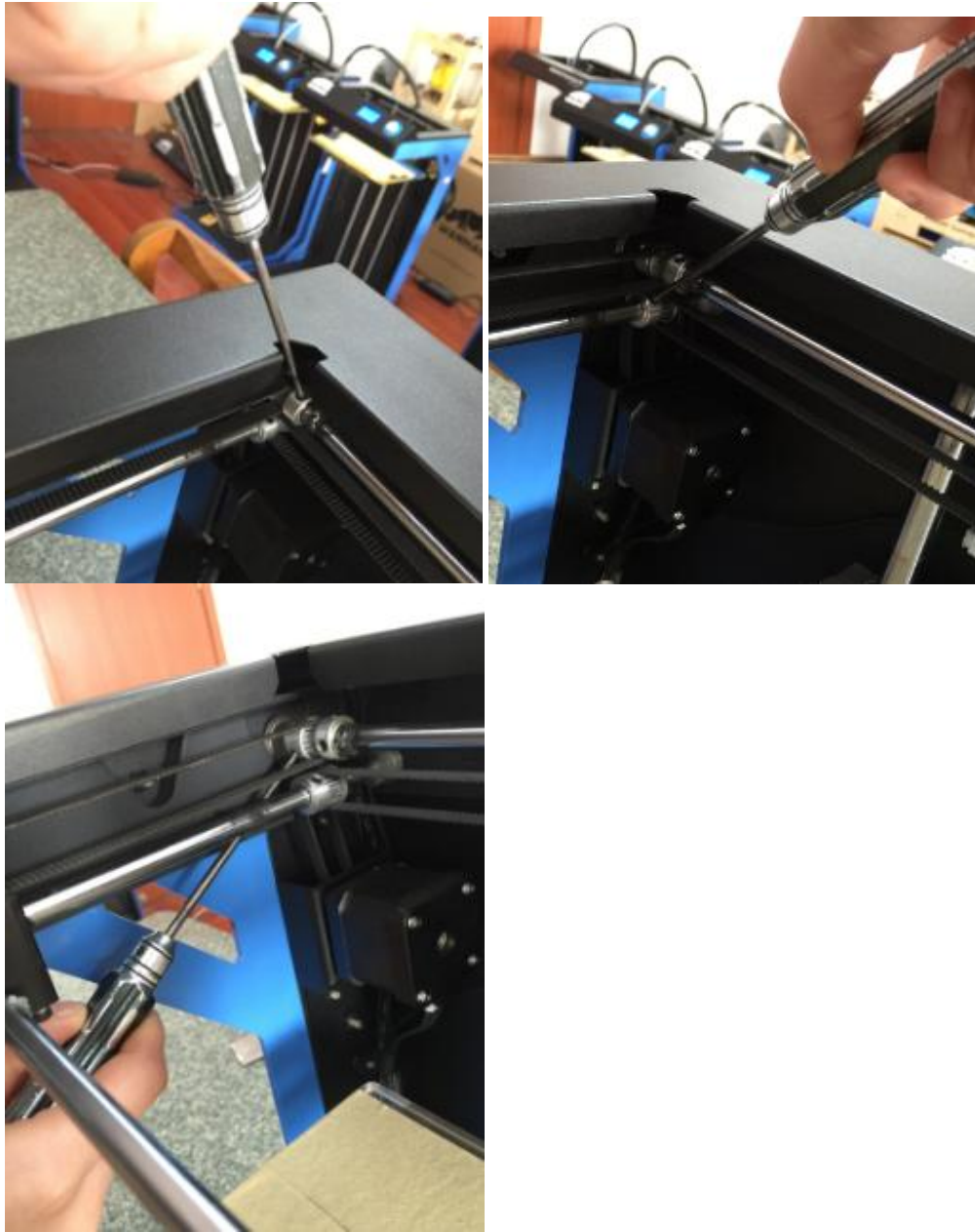
One piece 2.5mm hex wrench



## 4.0 Tightening procedure

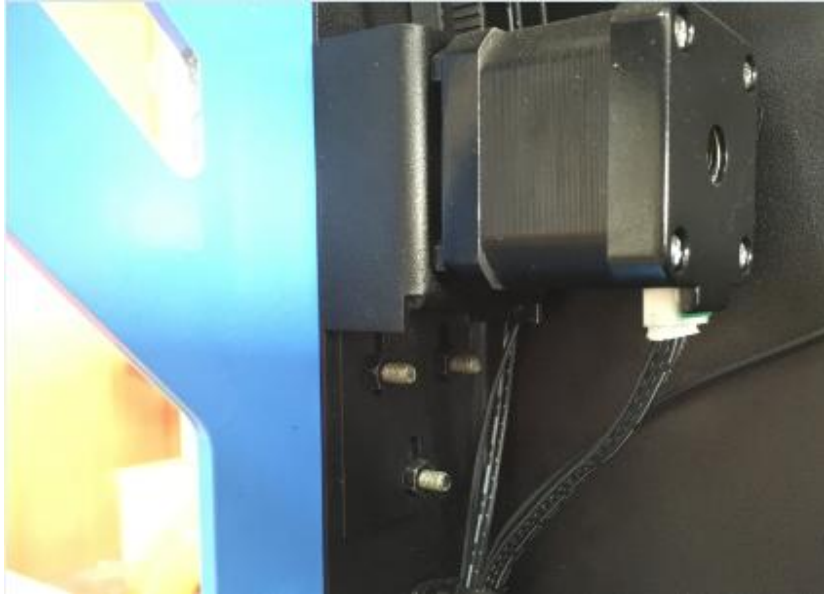
### 4.1 Tighten all the 10 set screws on the timing gear

At each corner of aluminum frame there are total 10 timing gear. On each timing gear there are one set screw. By tighten these set screws unclock wise through the 1.5mm hex wrench. Attached the picture to illustrate the position of set screws and how.

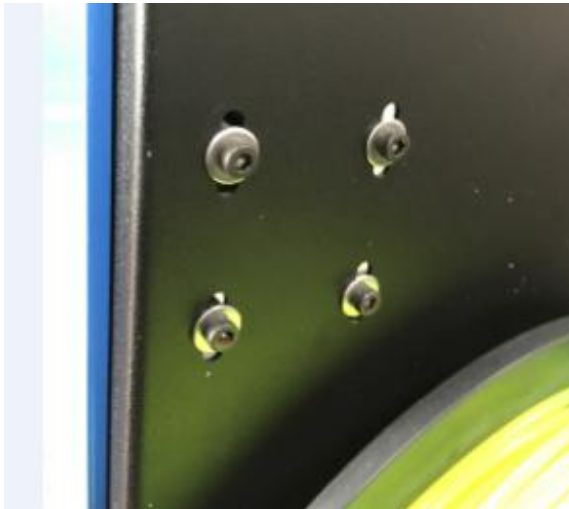


#### **4.2 Tighten the small ring belt**

For Y axis, there is one small ring belt on the left side panel which transmit the movement from motor to the upper transmission system. The motor is locked by 3 screws under the motor. By loosening the bolts under the motor and push the motor down to tighten the belt, you will get the belt super tight then.



For X axis, there is one small ring belt on the back side panel which transmit the movement from motor to the upper transmission system. The motor is locked by 4 screws under the motor. By loosening the bolts under the motor and pushing the motor down to tighten the belt, you will get the belt super tight then.



#### **5.0 Revisions**

A – Initiate: 01/21/15 by: Manolo