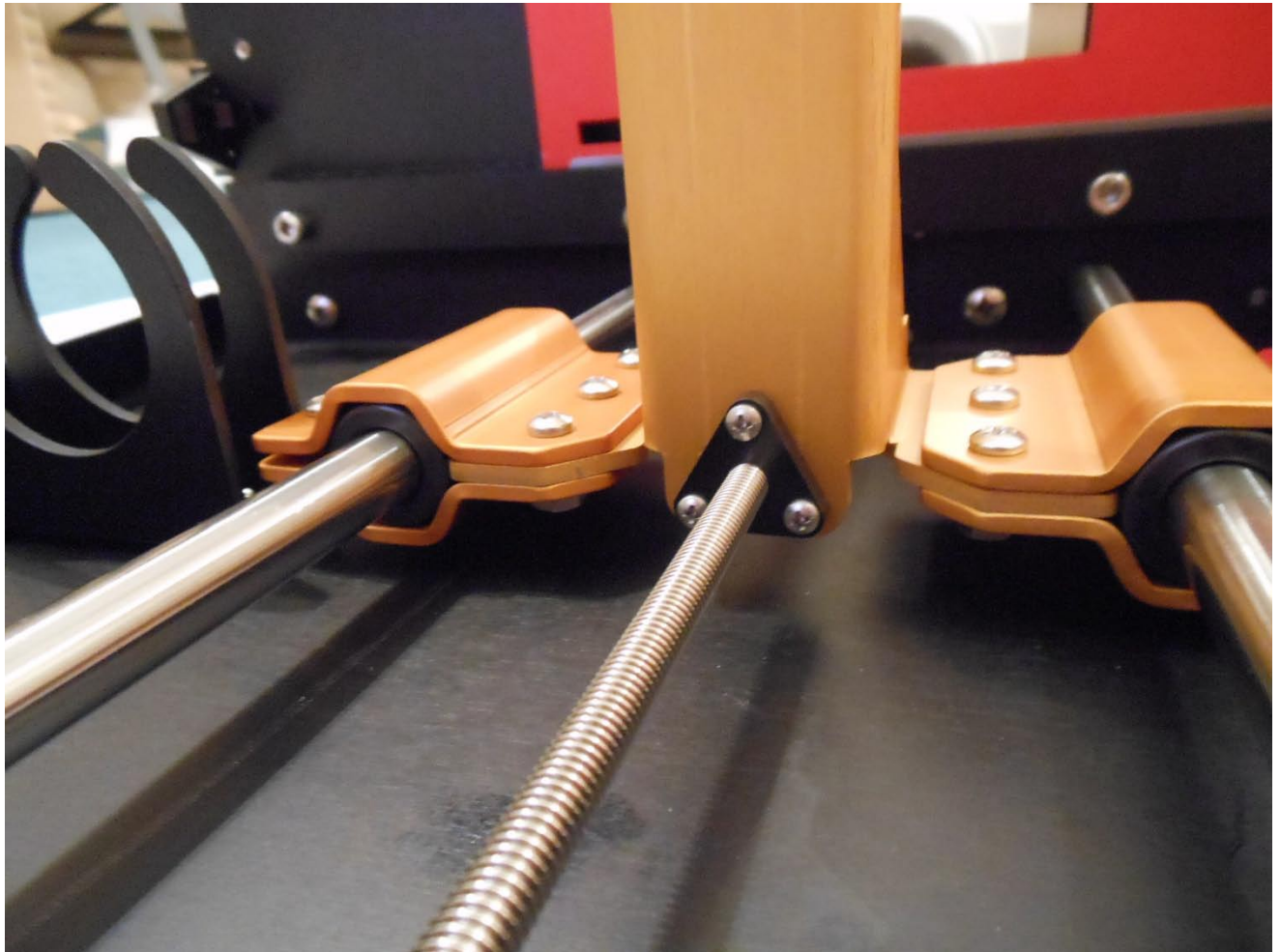


The B9Creator™

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Visual Assembly Guide

Step 5 - Final Assembly (1 of 2)



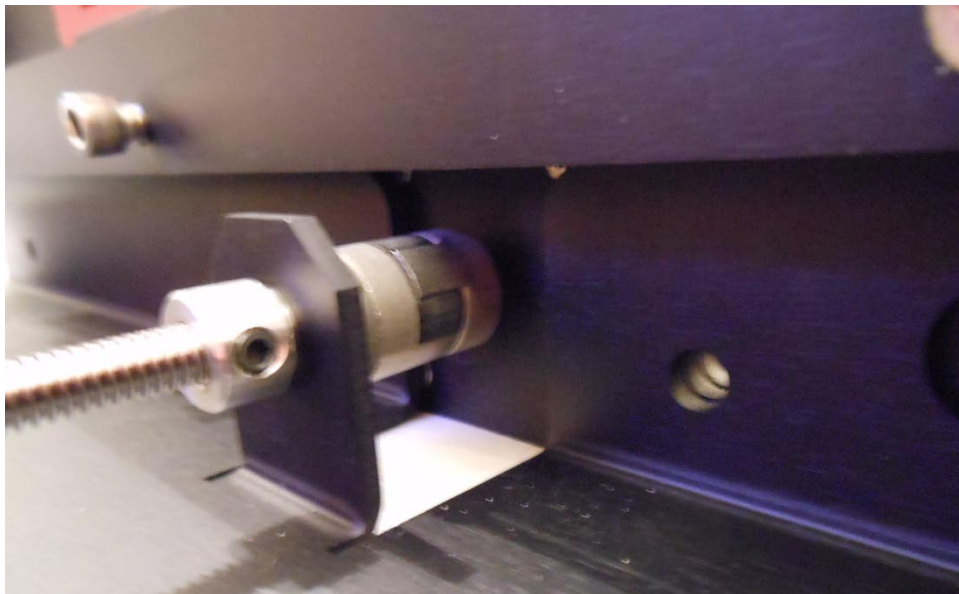
Completed Assembly (Mating the Projector Support, X & Z Axis assemblies)

[View an online video of Step 5 - Final Assembly 1](#)

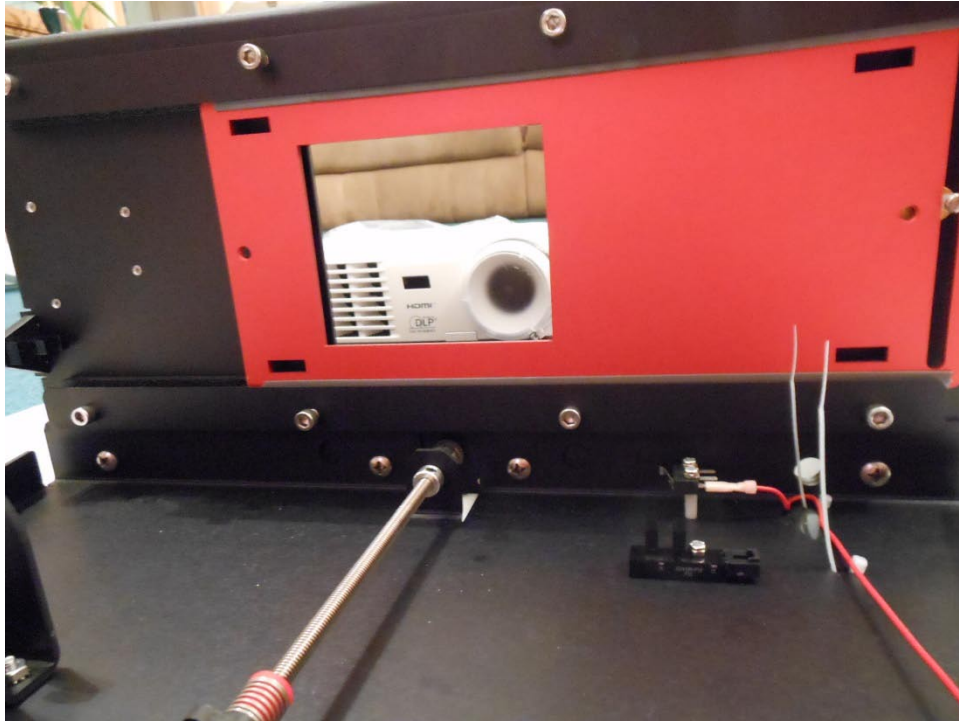
Mating the PS, XA and ZA Assemblies



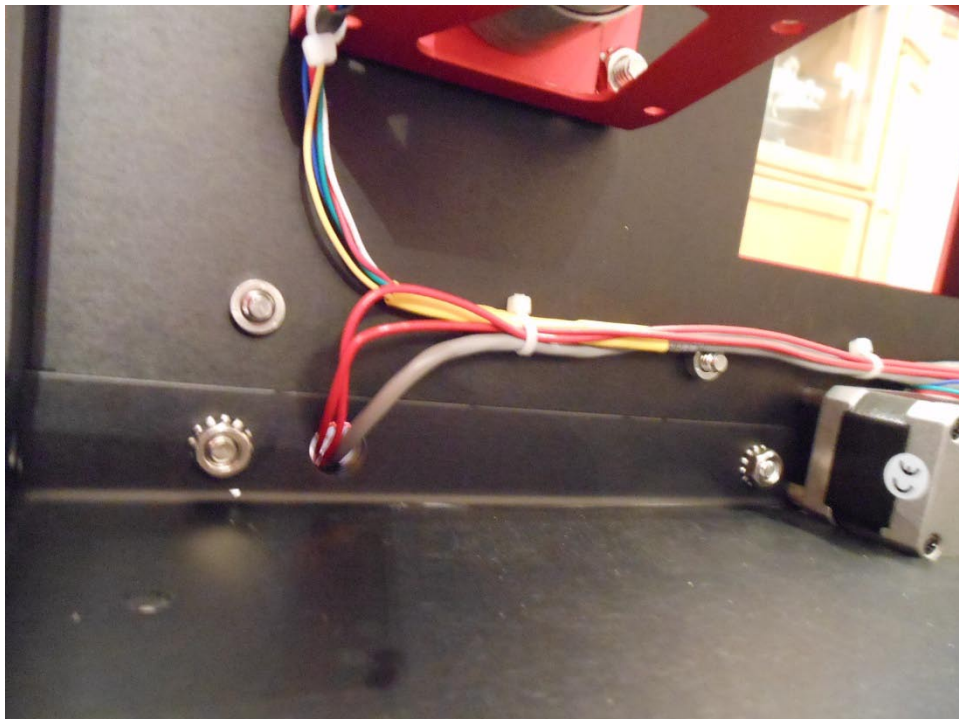
Once aligned, the ZA, XA & PS assemblies are secured using the SA15 hardware.



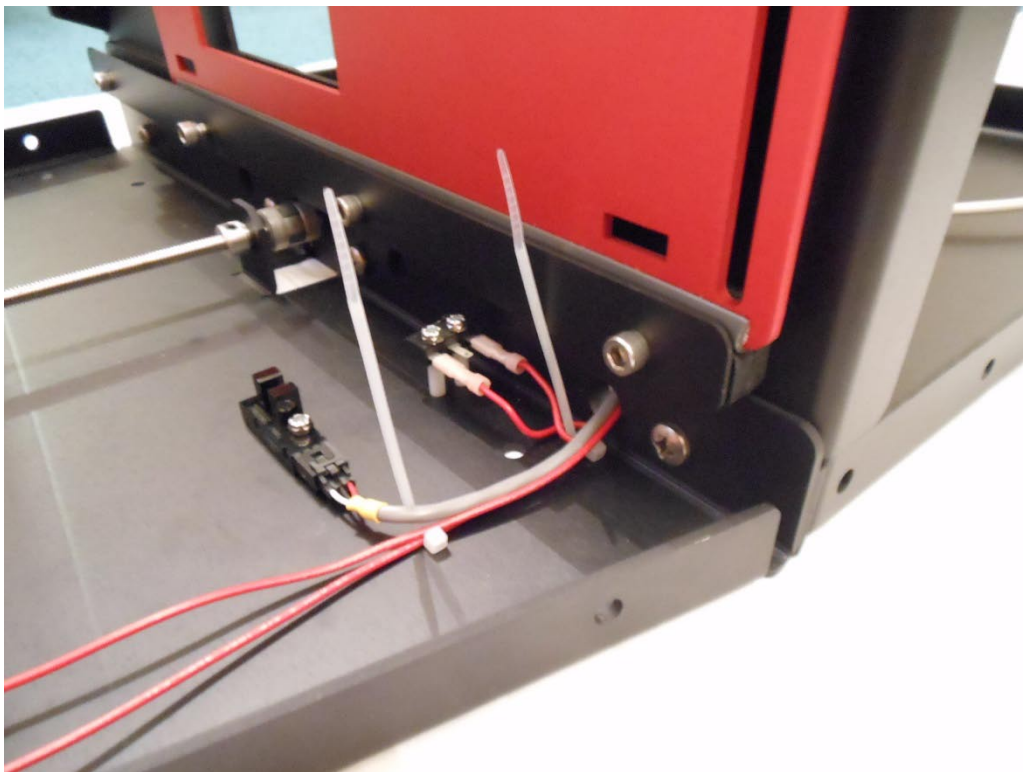
When aligning the three assemblies ensure the Z Axis Stepper Motor mates correctly with the Z Axis Lead Screw.



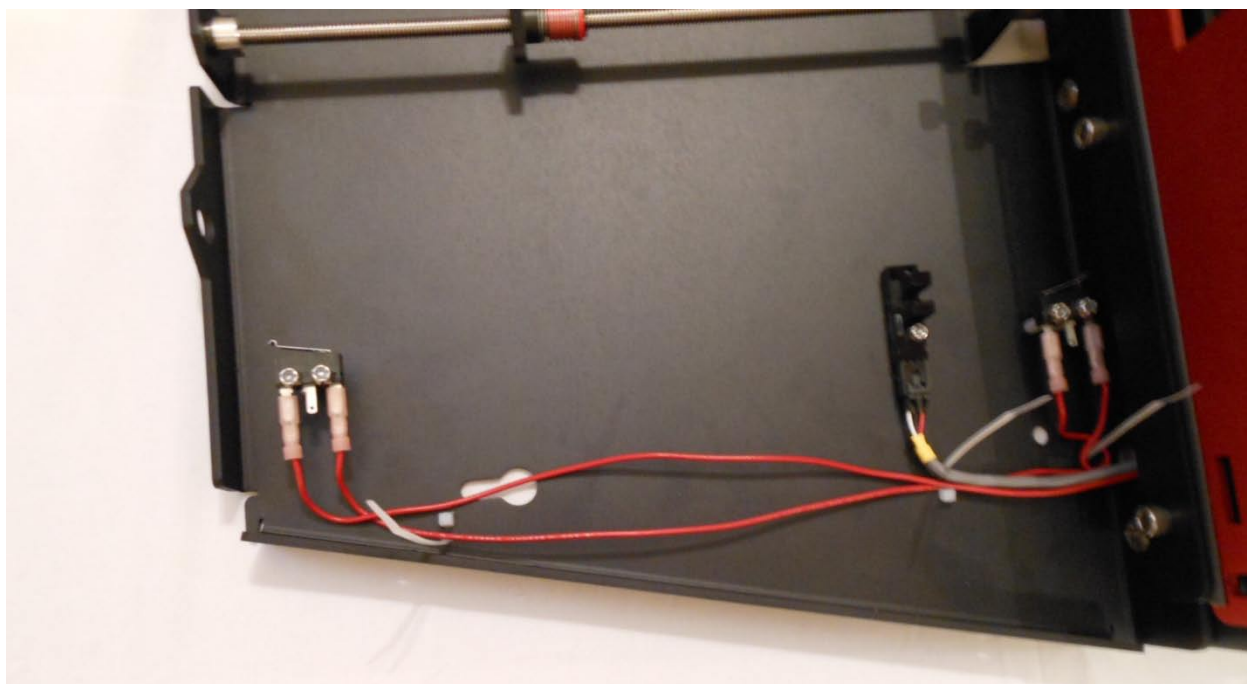
Here you can see the four SA15 screws that pass through ZA, XA and into the PS assembly.



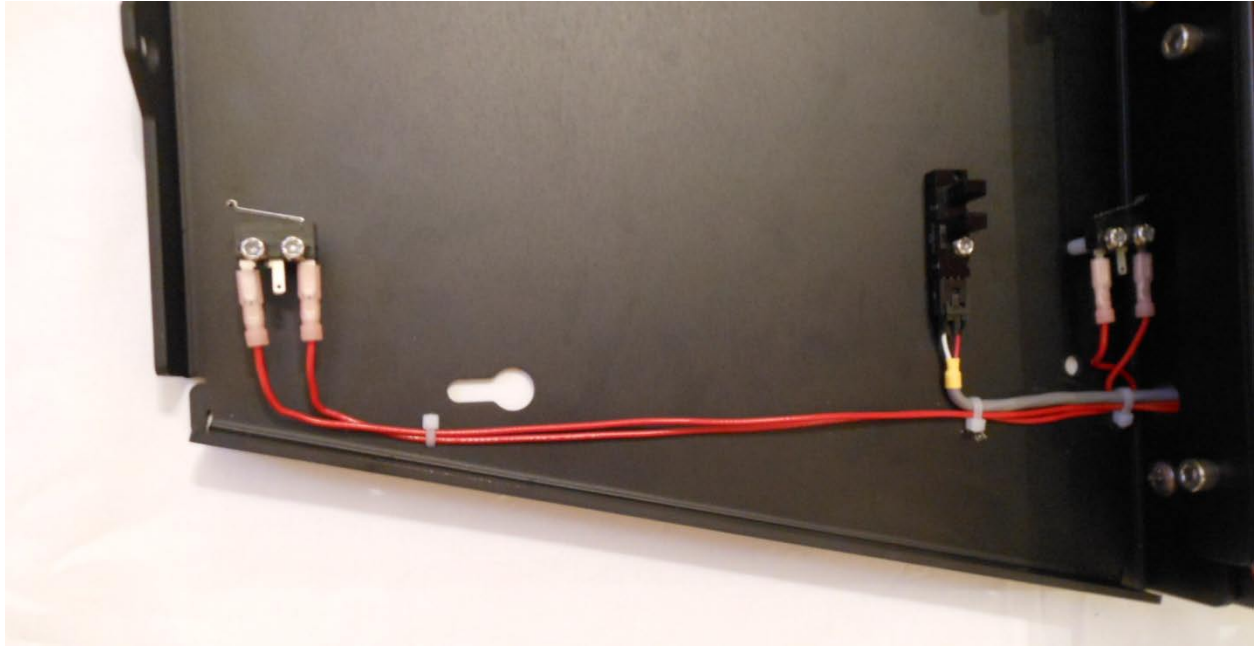
The XA Power and home sensor wires are fed through the access hole to the ZA area. Also note two of the four SA15 nuts, all of which have been securely tightened to hold these three assemblies together.



Connect the Build Table Home sensor and the lower limit switch wiring.

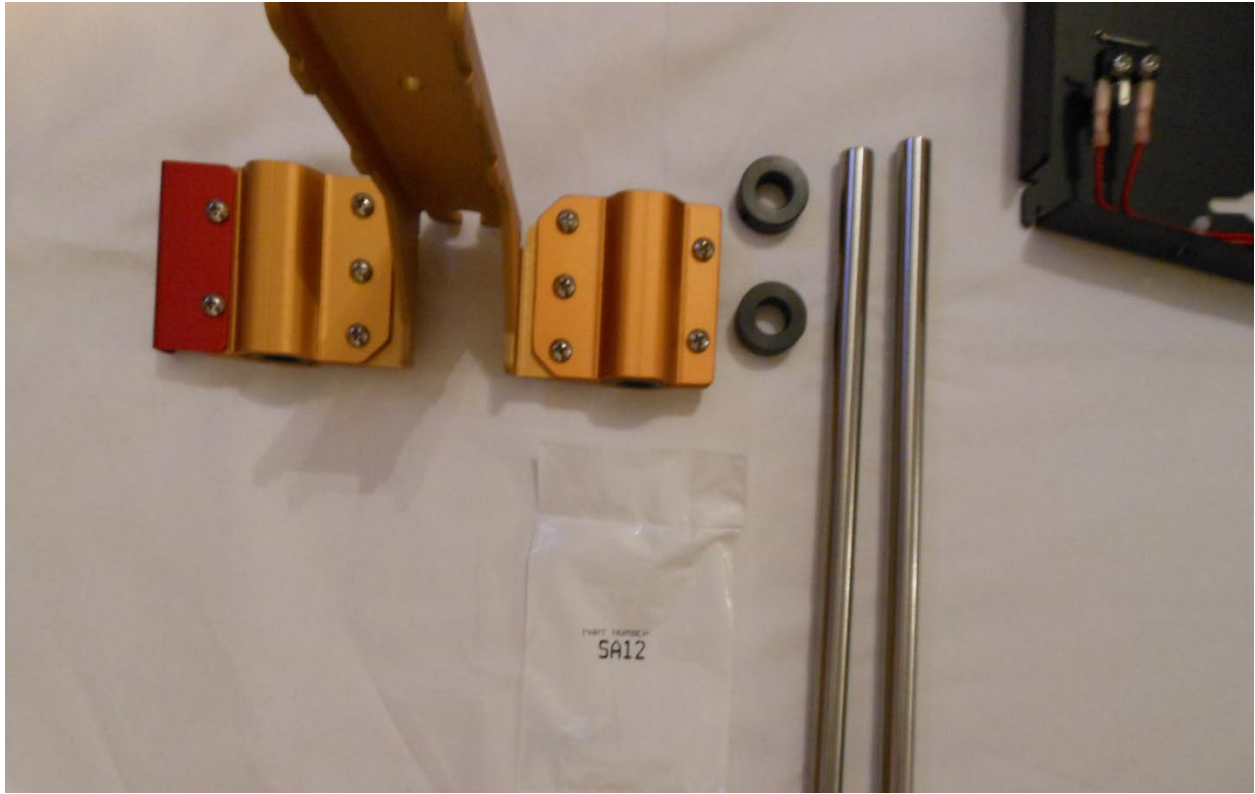


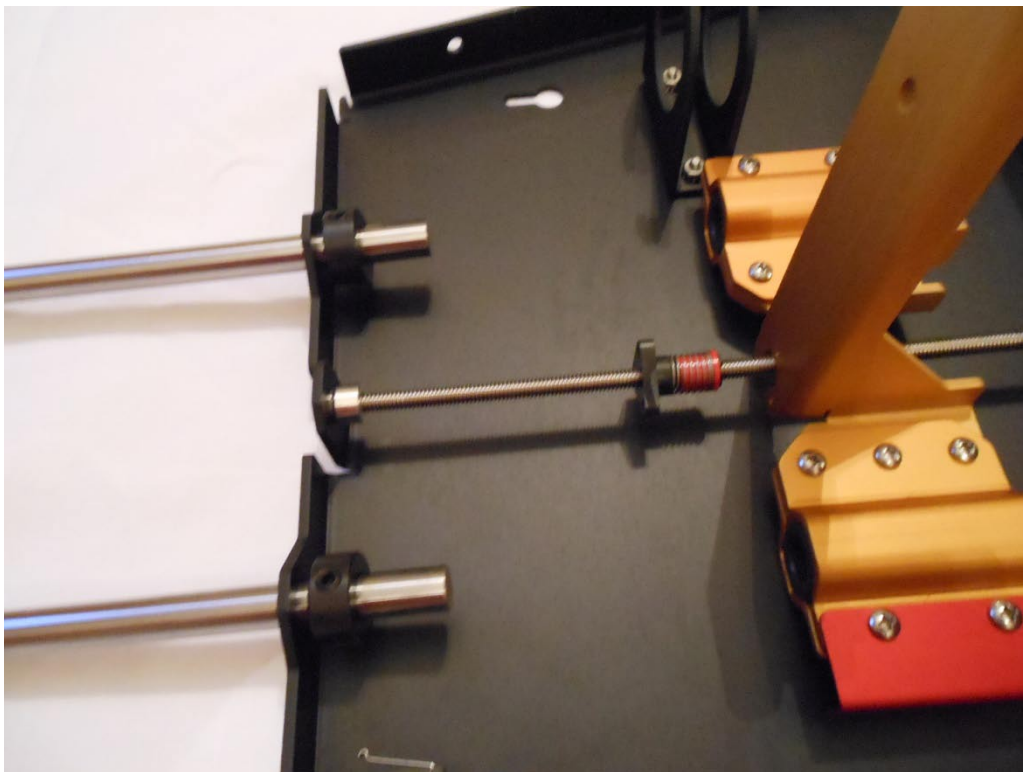
Top limit switch connected.



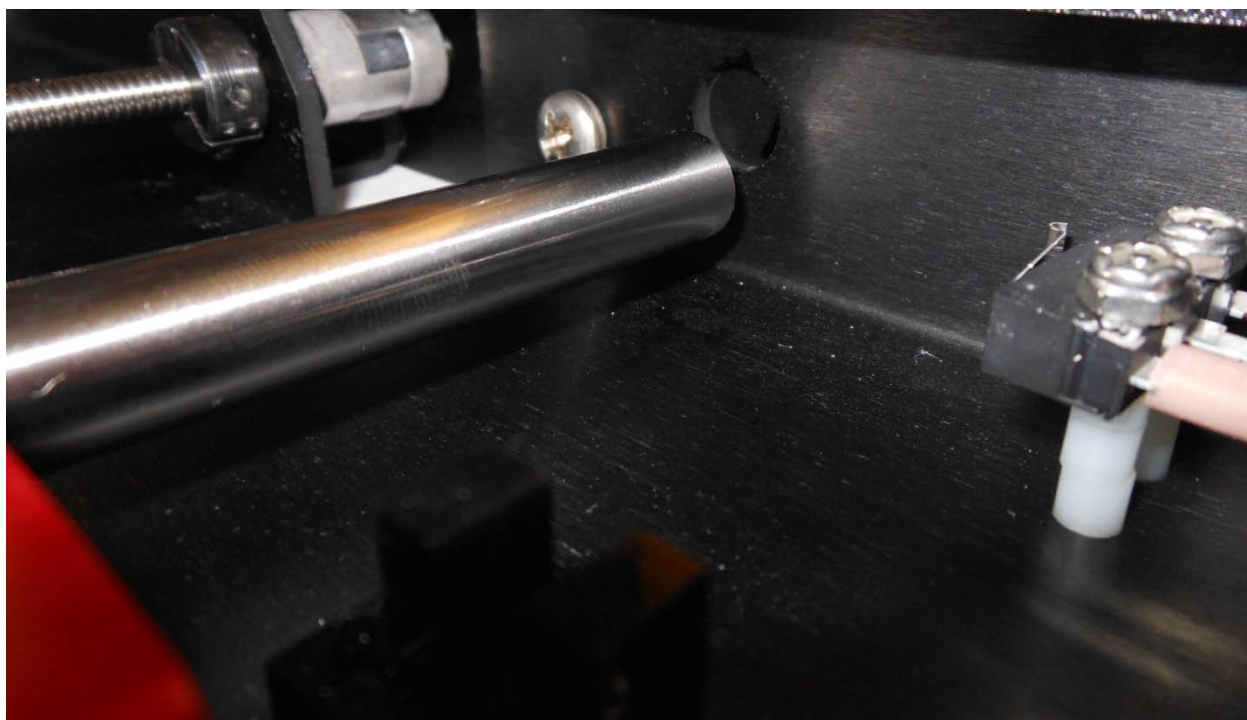
Zip ties secured and excess clipped off.

Adding the ZA-B Assembly

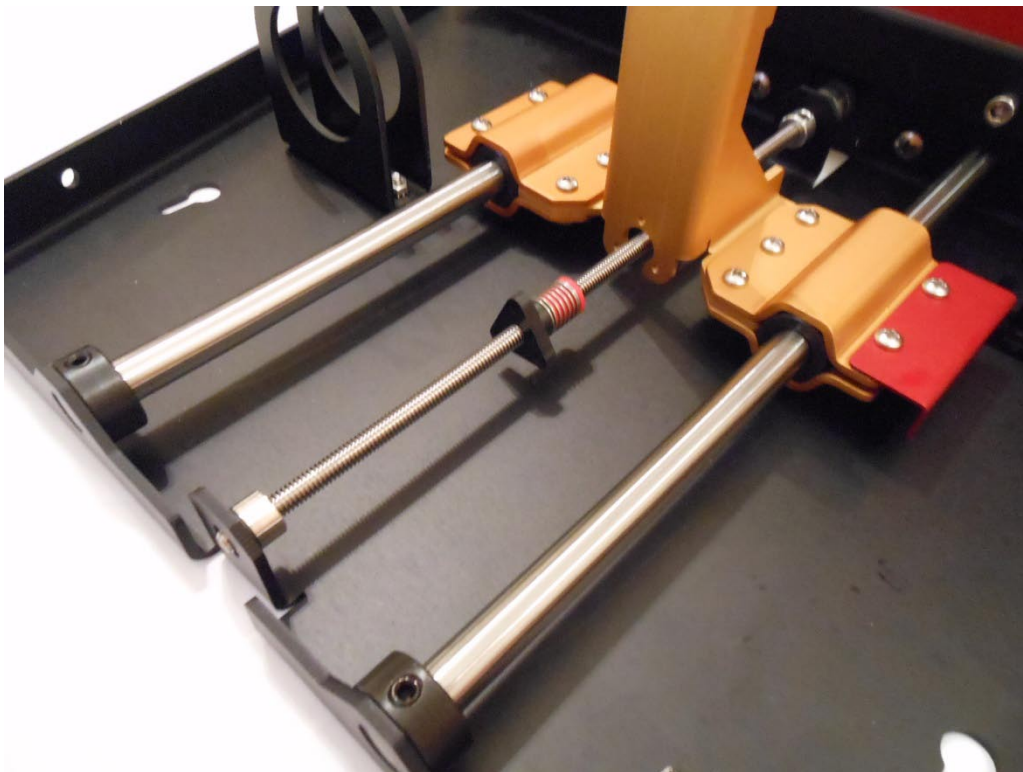




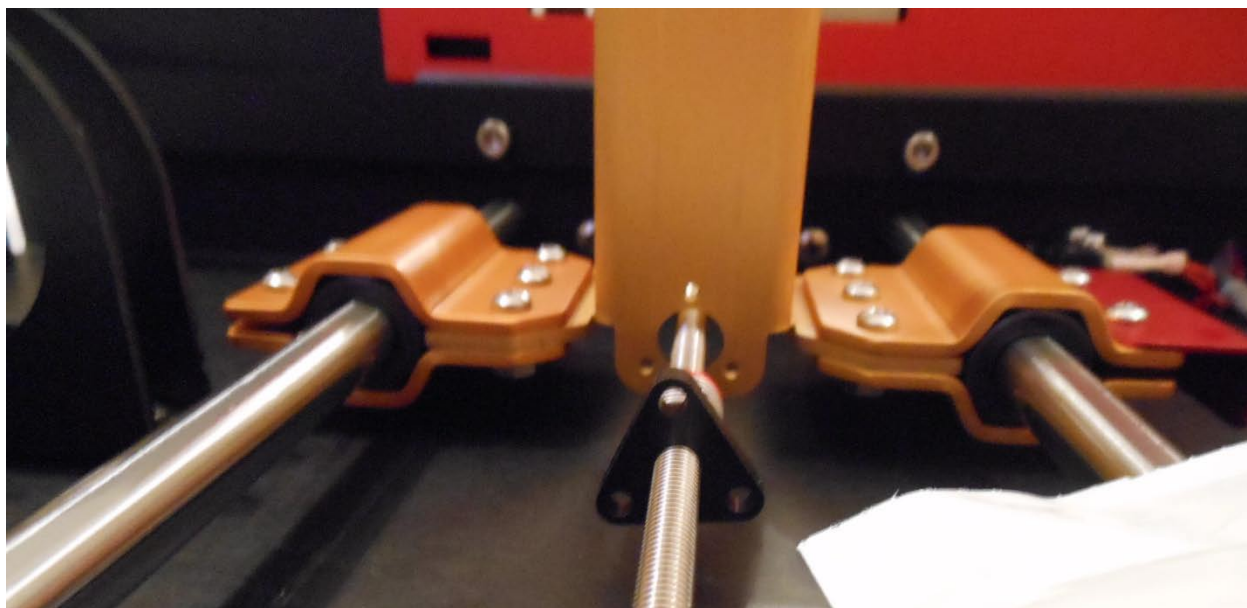
TIP: Clean linear guides and lubricate with lightweight machine oil.



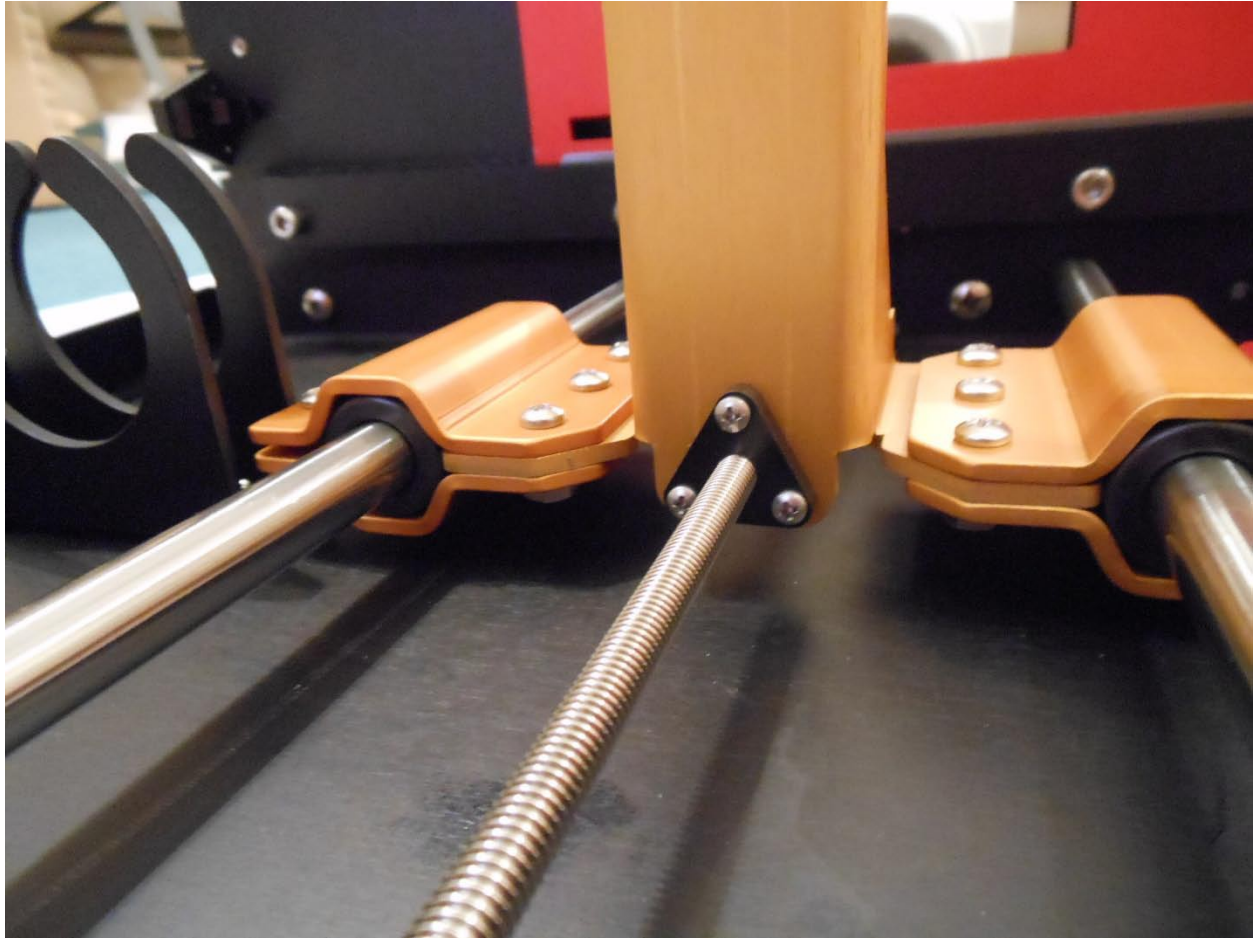
Insert guide into hole on lower ZA lip (both sides).



Lock the two guides in place by sliding their collars against top lip and securing with hex wrench.

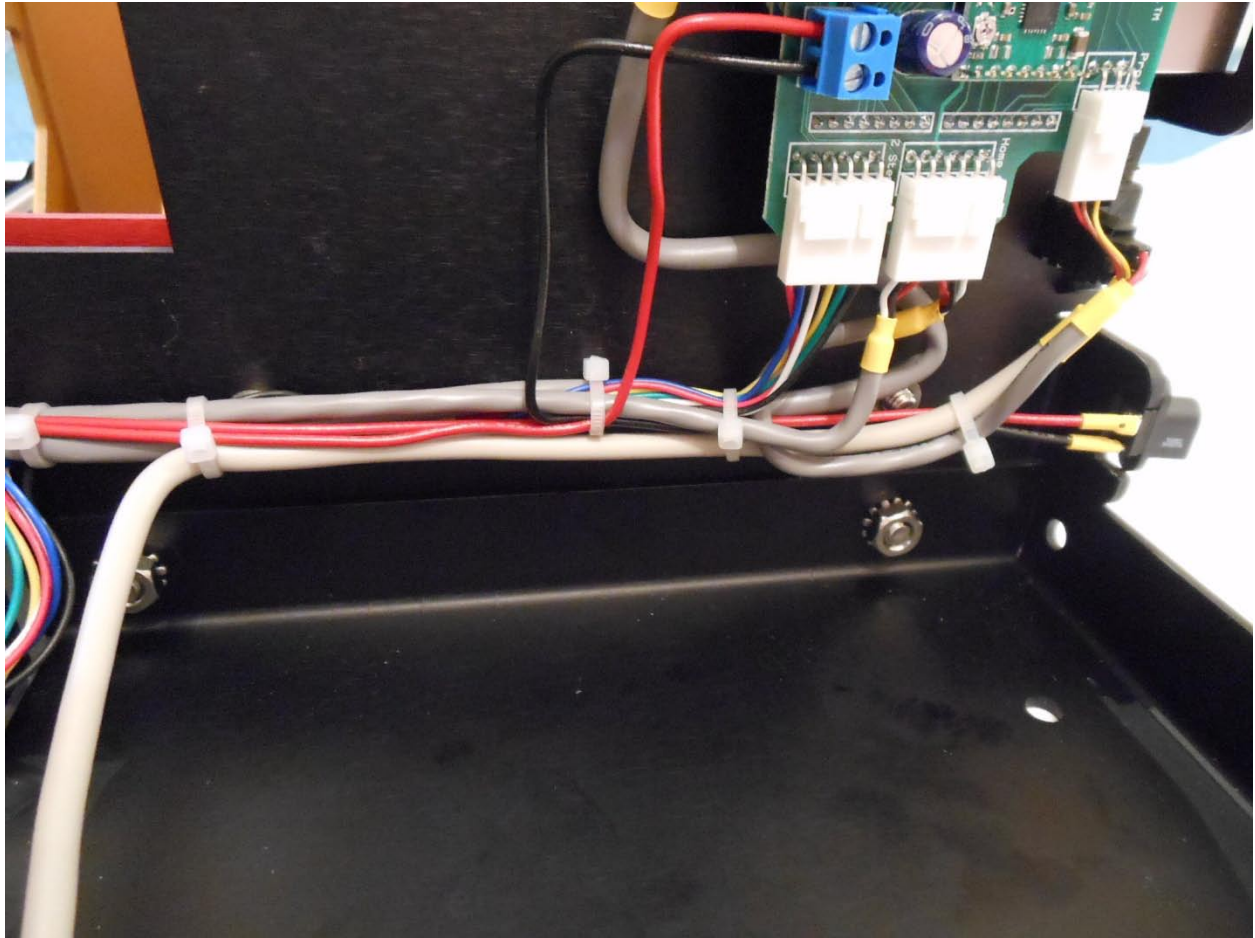


Align the triangular Anti-Wear Lead Screw Nut with ZA-B assembly holes as shown.



Slide ZA-B up until flush with bottom of Nut. Secure with three SA12 screws.

Connect the Projector Control Wire Harness



Finish by connecting the Projector Control cable to the B9Creator Shield as shown.

Secure cables in place with remaining zip ties.

Finished! (Only one step left!)