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A and Z Actuator Maintenance Guide.

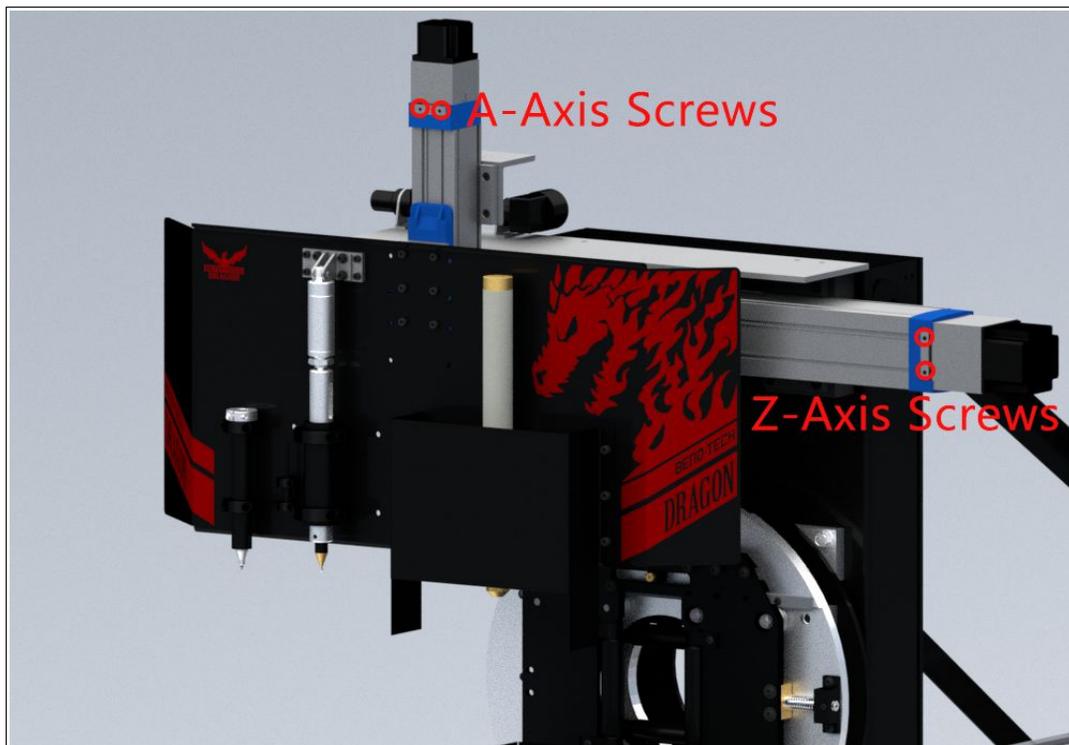
In keeping up with your Dragon machine's general preventative maintenance, we advise you to use a generous amount of either white or red lithium grease on the ball screws of your machine's motor actuators every 3 months or 500 working hours; Whichever comes first. Obviously harsher work environments may affect these parameters.



White Lithium Grease

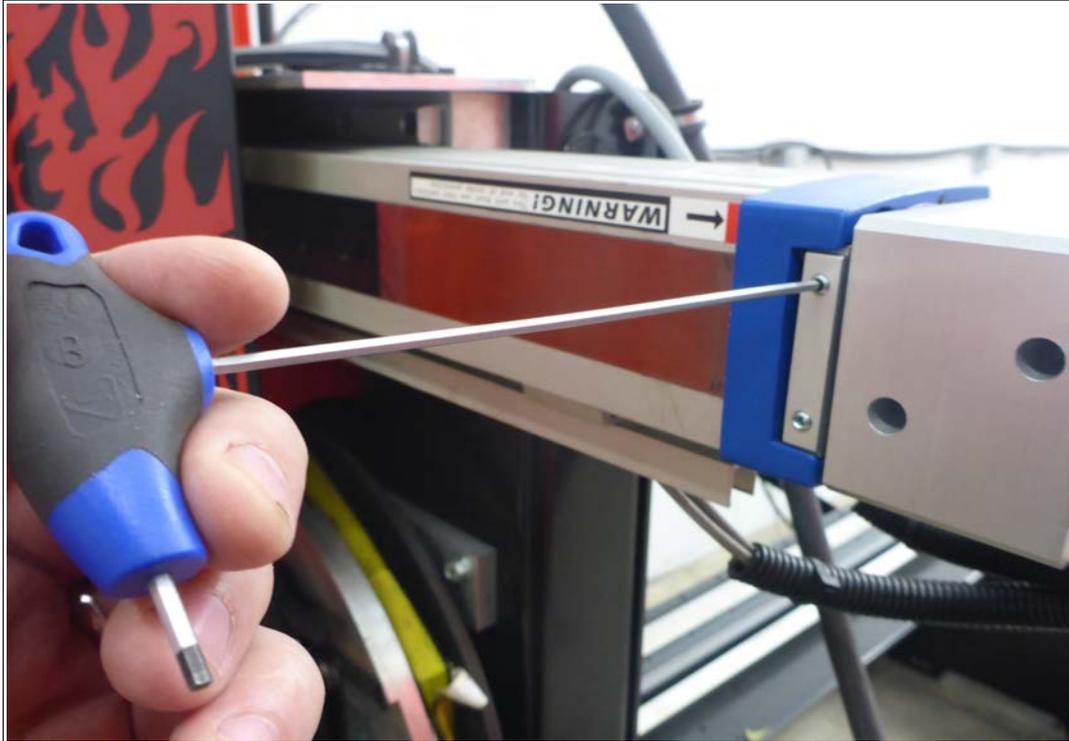


Red Lithium Grease



Location showing the screws that need to be removed to access the ball screws.

1. Starting on the Z-axis, use a 2.5 mm allen head wrench to loosen the 2 screws shown here.



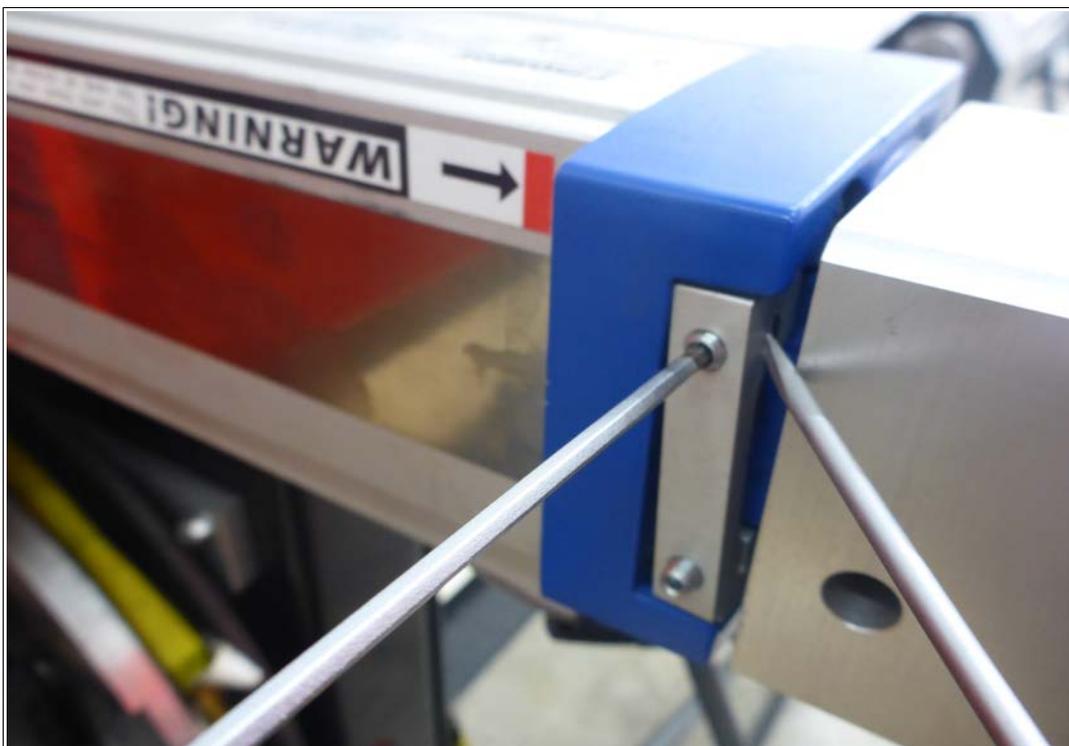
2. Peel back the metal sheet cover to reveal the ball screw inside.



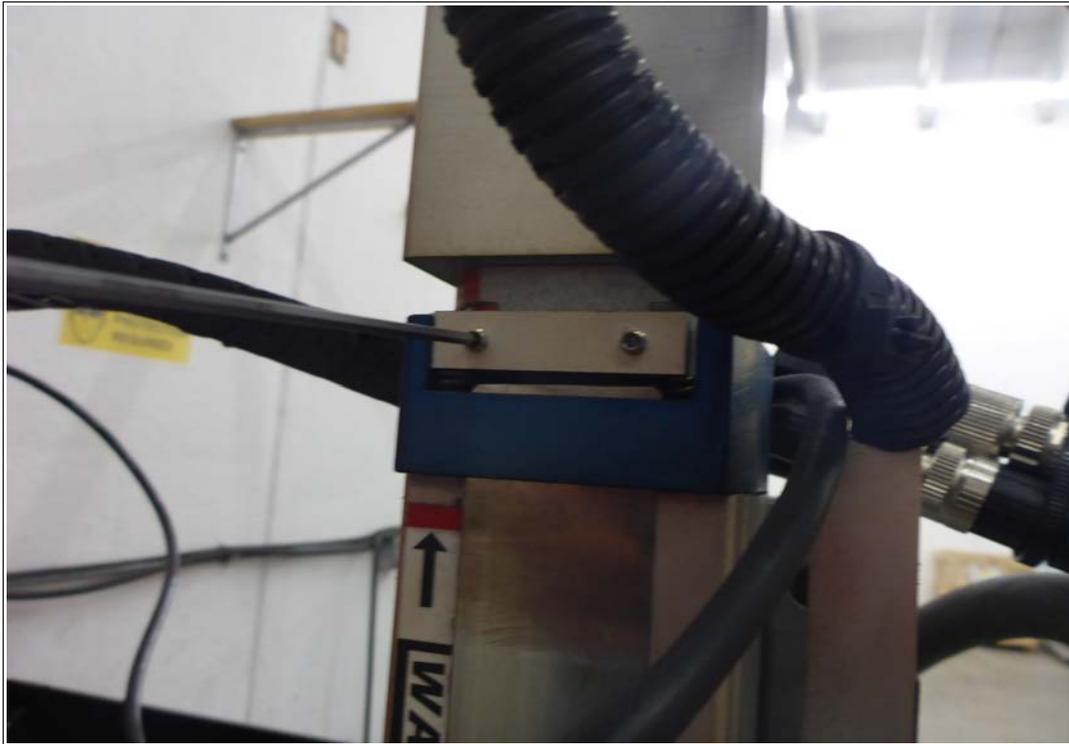
3. Apply a generous amount of either white or red lithium grease to the ball screw as shown here.



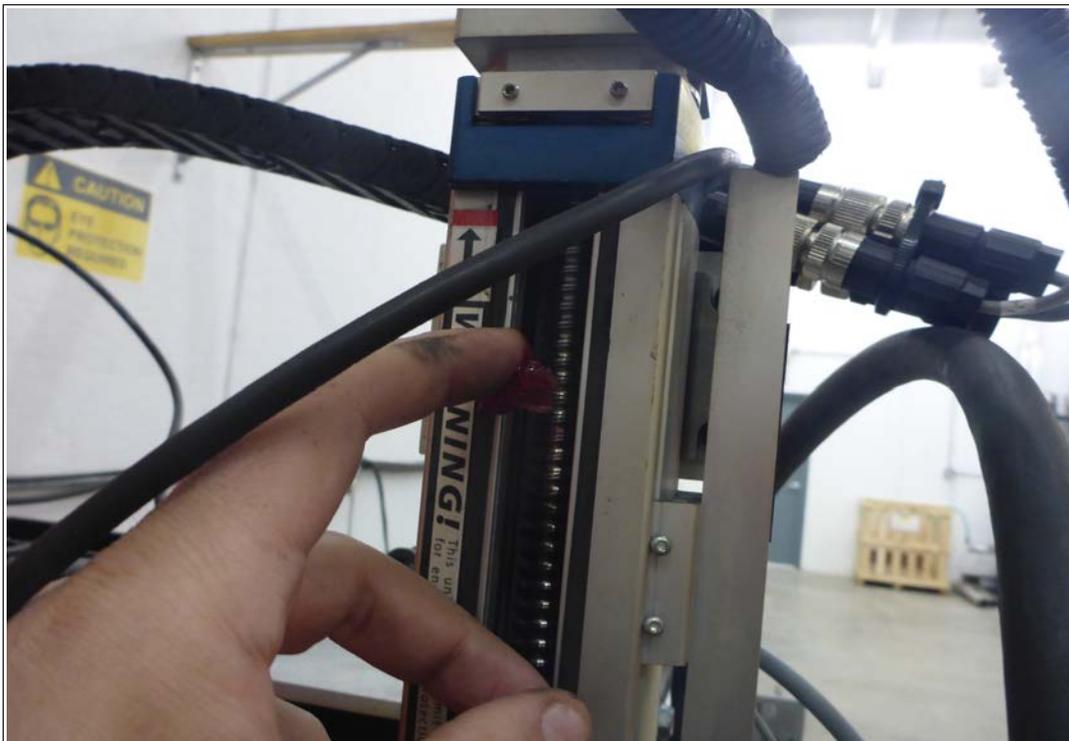
4. Replace the metal sheet covering and using a flat head screwdriver, pry the block as far left as you can while you tighten the screws back down. Make sure that they do catch the covering and clamp down on it properly.



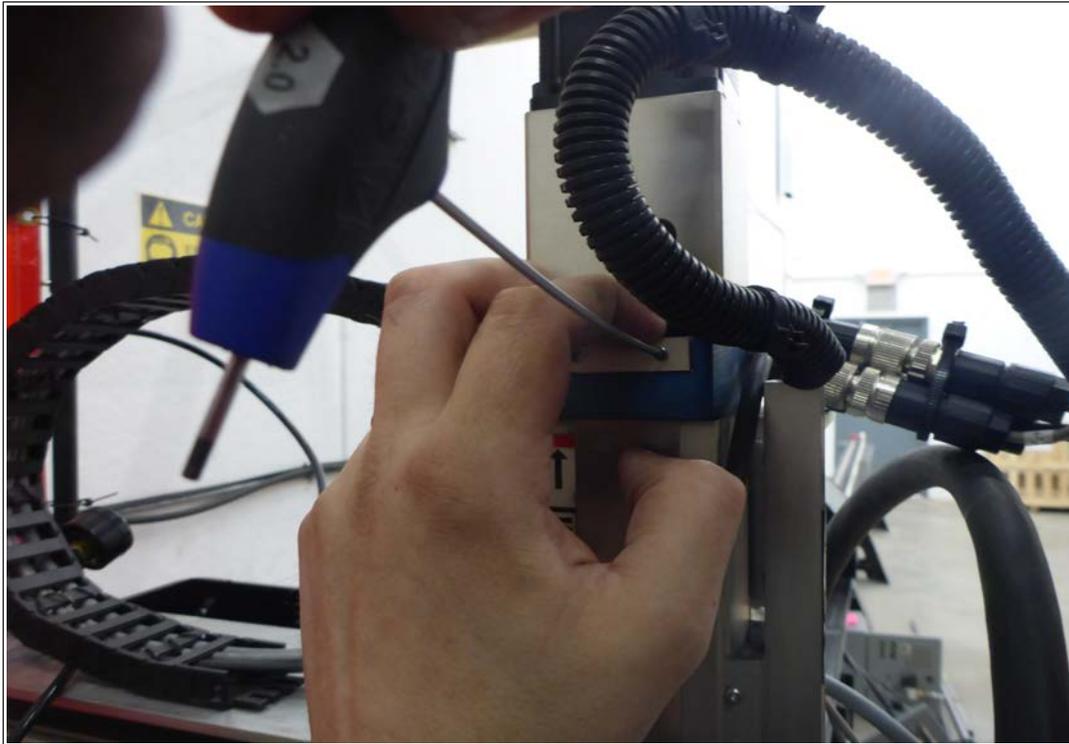
5. Next, locate the A-axis screws here and use a 2mm allen head wrench to loosen them enough to peel back the metal sheet cover.



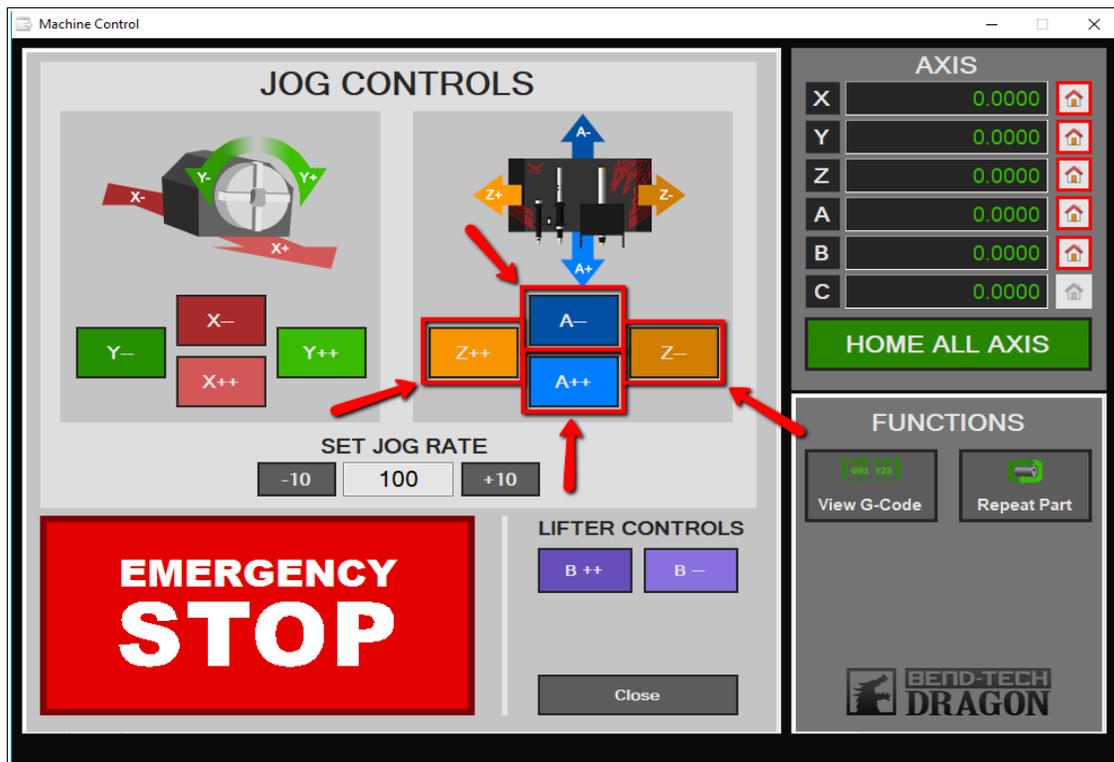
6. Follow the same procedure to apply a generous amount of grease to this ball screw as well.



7. Replace the metal sheet covering and push down on the clamp block while you tighten down the screws as shown here.



Afterward, we encourage you to jog both axis back and forth, and up and down so that the grease spreads evenly along the ball screws.



Thank you for reading this helpful guide.

**If you have questions or concerns please contact a Bend-Tech representative using
the information provided below.**



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