

Troubleshooting:

- Guide rail sticks
 - Spray rail with lubricant and help stage along until bearing is functional by itself.
- Z-axis screw won't move stage up or down
 - Loosen the four bolts on outside of the stage before raising or lowering stage. Be sure to tighten all four bolts again when in position.
- Drive screw is not moving with motor
 - Check coupling and make sure it is tight. If it is a soft coupling, replace tubing secure thoroughly.
- Program does not run properly
 - Initial position should be checked before operation, if long axis is behind homing sensor it will continue to run back and won't find home. During homing operation.
 - If homing takes longer than 10 seconds for specified axis the programming may skip a step.
 - Be sure to select the scan speed or a memory error will occur.
- Motors not operating
 - **DO NOT UNPLUG MOTOR WIRES** as this will ruin the system
 - Turn off box, close labview, restart box and then restart labview
- If stop button pushed during operation in labview program
 - Use supplied step controller program to move the gantry back to approximate position before starting.