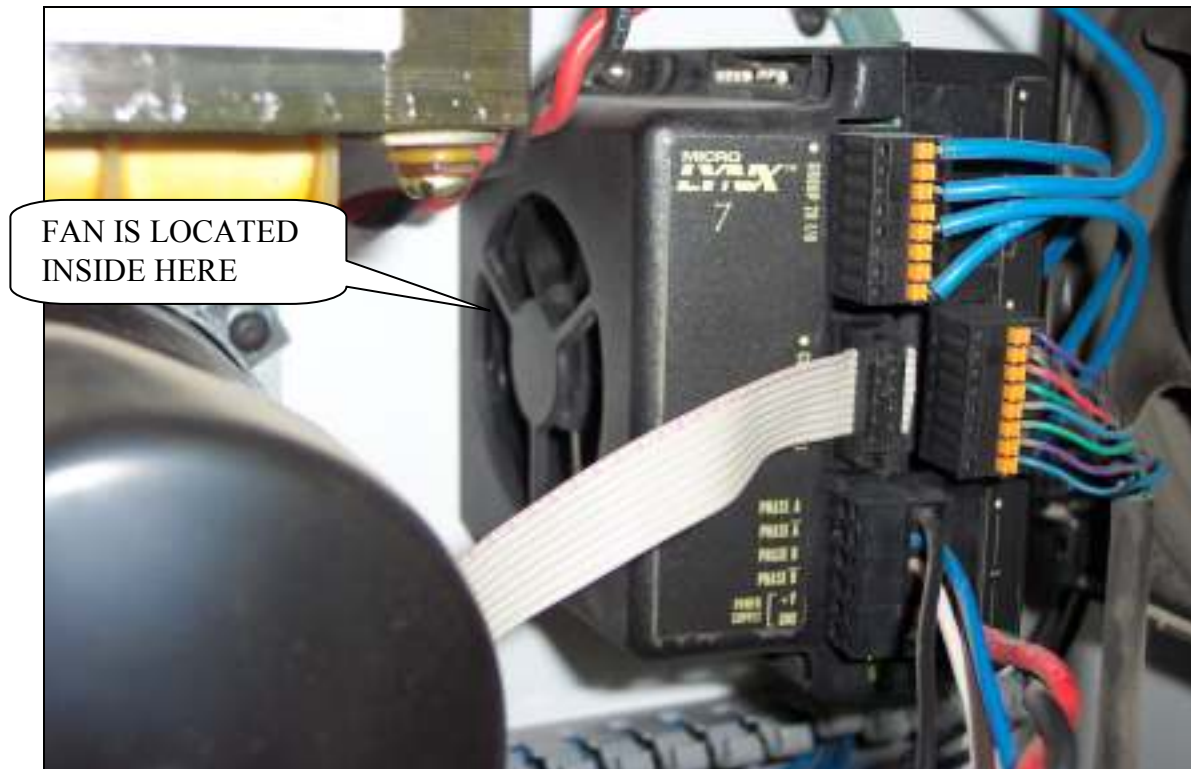


TROUBLESHOOTING AN 1100 ERROR

There are a few things that can cause this error. This guide will help you to determine the cause, and how to fix it.

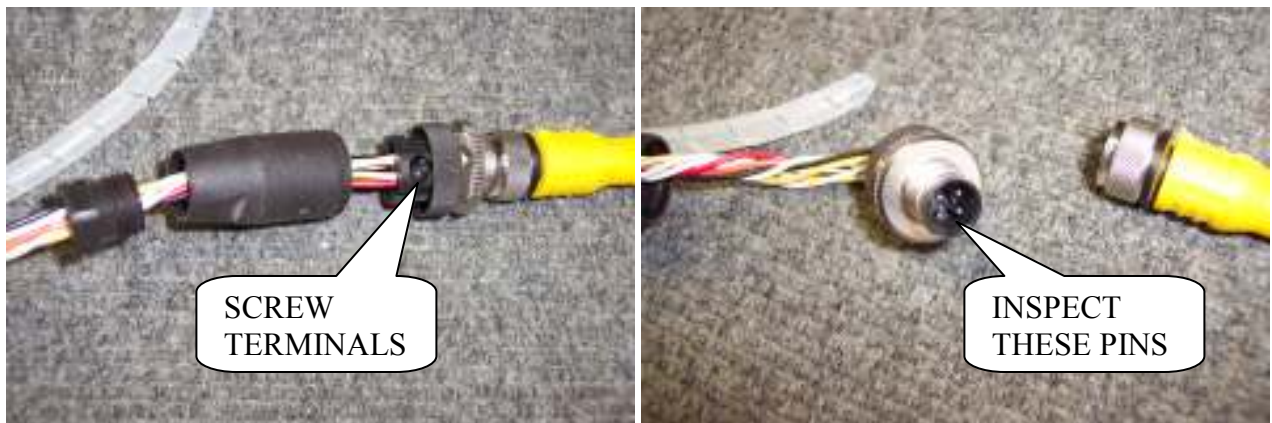
First thing to check is the MicroLynx cooling fan. With the power ON, open the main enclosure. Usually the computer monitor is mounted to this enclosure. Inside you will see a small black box labeled "MicroLynx". On the left side of it, there are some slots. Inside those slots you will see a fan. If the fan is not running, or is running very slow, then it needs to be replaced. This is allowing the MicroLynx to overheat, thus causing the 1100 error.



If the fan is running, then the next step is to check the wiring going to the Stepper Motor. You may leave the computer running, but you should close the RazorGage program. To turn off the RazorGage, press in the red e-stop button. Wait about 2 minutes for the power to drain from the capacitor. Next, inspect the motor cable at the motor. The motor is located on the back of the table. It has 8 wires coming out of a rubber boot. The wires are actually molded into the casing, so they can not be replaced.



At the end of these 8 wires is a 4 terminal connector. Disassemble this connector, and inspect the screw terminals. There will be 2 wires going into each screw terminal. Ensure the wires have not come loose, frayed, or broken. Separate the connector from the motor cable going to the main enclosure, and inspect the pins for any discoloration. If they are not shiny, then the connector and motor cable both will need to be replaced.



Lastly, if all the above check out, then the Motor driver circuit inside the MicroLynx will need to be replaced. This can only be done by a repair technician at IMS. You will need to send the MicroLynx back to us, so we can send it to IMS for repair. A replacement MicroLynx can be purchased from us for \$698.00 We would need to know the serial number of your RazorGage, so we can install the correct program, and parameters that pertain to your machine.