



Laser Marking Technologies, LLC

## ELECTRONIC TROUBLE-SHOOTING GUIDE

### Please Test in this order:

1<sup>st</sup>: Check that there is power coming out of all power supplies.

### DOOR KEY:

2<sup>nd</sup>: Pin 7 to Pin 58 on Green Break Out board should equal 5VDC when door is closed and marking is commanded from software.

3<sup>rd</sup>: Pin 6 to Pin 58 on Green Break Out board should equal 5VDC when Red laser is commanded from software.

4<sup>th</sup>: Pin 5 to Pin 58 on Green Break Out board should equal 5VDC when commanded to laser mark from software. If there is no voltage then it could be the USB card.

### LASER POWER AS COMMANDED FROM SOFTWARE:

5<sup>th</sup>: Pin 65 analog out on Green Break-out Board to Pin 58, voltage should be between 9VDC and 10VDC at 100% power and between 4VDC and 5VDC at 50% power.

Please note that if all of the tests work, then it could be the laser.



Pic1: Example photo of the green breakout board found in the lower right section of the electrical panel