1. Supply voltage is provided through the left most pin on the 7805 voltage regulator, up to 36V DC is acceptable. More than 6 volts will be required for the laser driver operation.

2. The center pin on the 7805 is ground for the whole system, both your supply ground and your ground from the laser driver chip should be soldered here.

3. The right most pin on the 7805 is the 5V regulated supply for the laser driver, it gets soldered to “vcc” on the driver chip.

4. The positive/red wire on the laser gets soldered to “c2” on the driver board.

5. The negative/black wire on the laser get soldered to “r9” on the opposite side of the driver board.

Once the wiring is completed put on your laser safety goggles attach the system to at least 6V DC and use the set-screw on the driver board to adjust the current until the laser turns on. There is a very small area where the laser will work so turn slowly. DO NOT USE A METAL SCREWDRIVER! If you use a metal screwdriver on the set-screw it will defeat the adjustment and send full current to the laser which could burn it out.