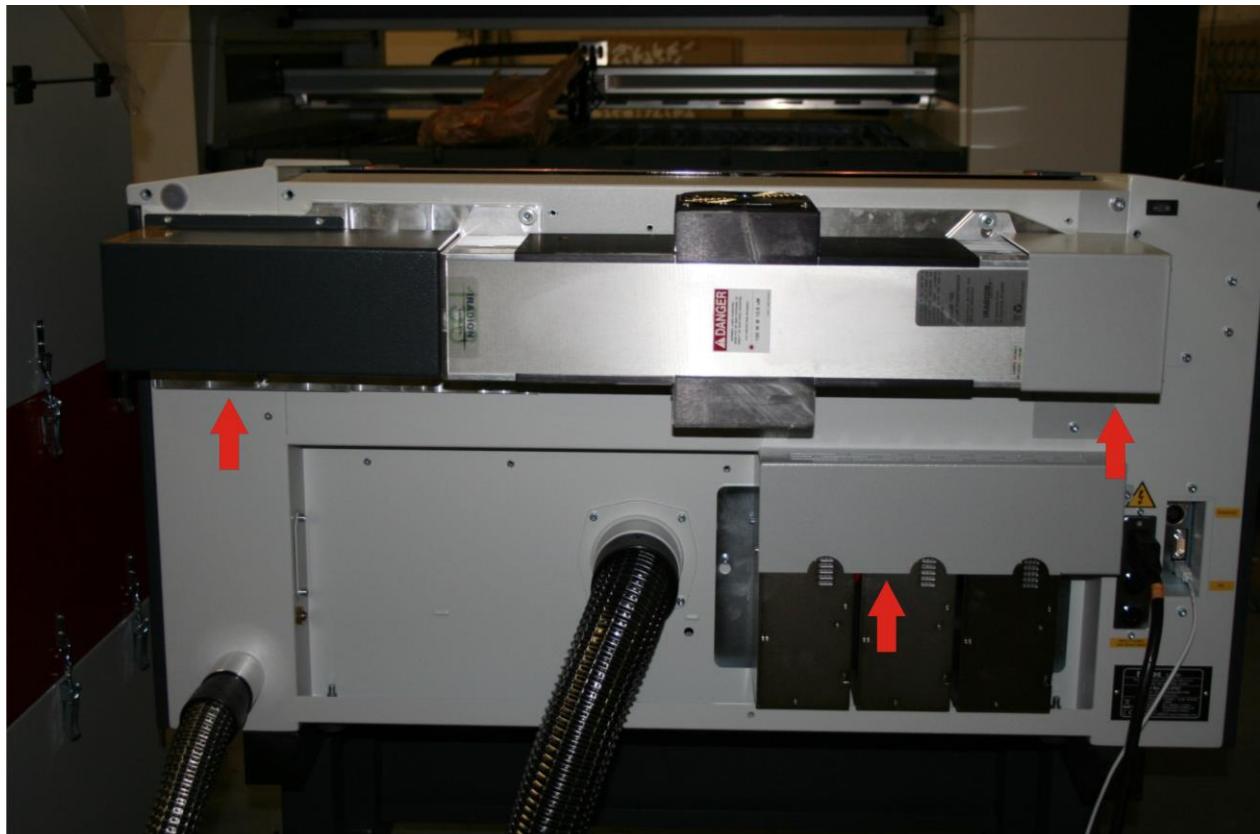


1. Remove covers (see arrows below) Loosen the 3 screws that mount the laser tube. The screws should not be removed only loosened. The top two screws have a clearance hole for the head of the screw to slip out and the bottom screw is in a slotted fixture.

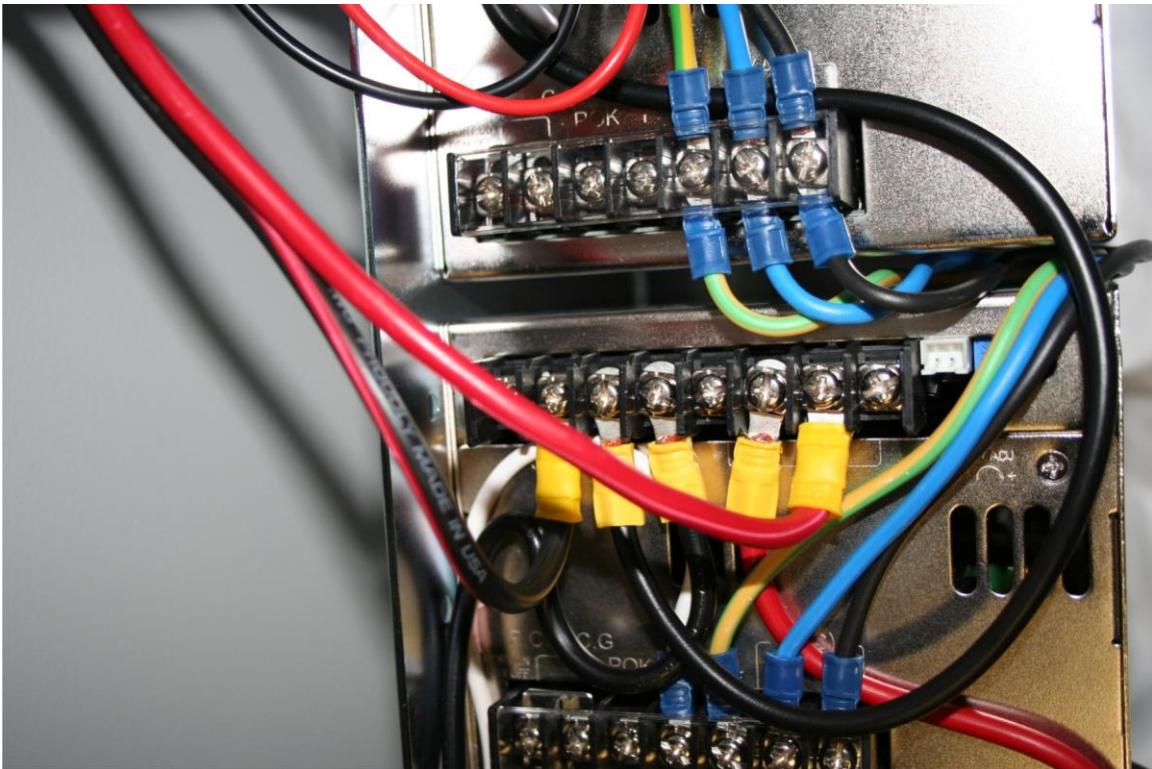




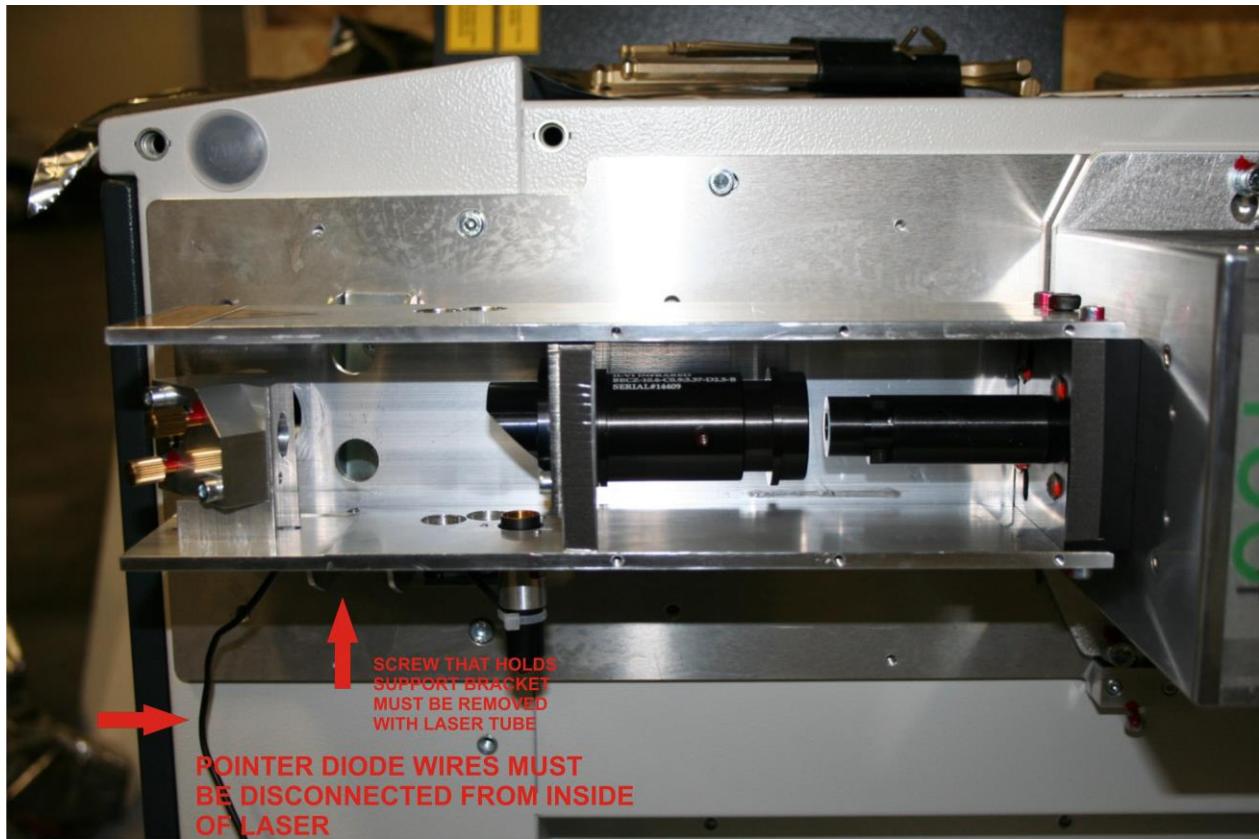
Remove connectors from laser. The black and red wires that travel from the laser into the opening in the back of the engraver and out through the bottom so as to be able to screw into the terminal strip on the middle power supply.



Terminal strip on the middle power supply with laser wires (thick red and black wire should be removed).



Remove the telescope and mirror#1 assembly on the front of the laser (6 screws). The end of the telescope assembly screws into a bracket that is sticking out from the side of the engraver. NOTE the position of this assembly is critical to proper alignment of the laser. (next picture is with the cover removed from the telescope.) There is a screw on the bottom that holds the bracket on. The pointer diode must be disconnected too. There is a 2 pin connector inside the engraver that must be disconnected.



To install new laser tube assy.

- 1) Attach the telescope assy. to the front of the new laser tube.
- 2) Replace the laser in the same manner as it was removed.
- 3) Connect the wires back up.
- 4) Perform alignment
- 5) Replace covers.