



## EPILOG LASER

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**Procedure Title:** Replacing the Double Power Supply

**Machine Type:** Helix 60 watts and 75 watts

**Tools Needed:** Philips Head Screw Driver  
Wire Cutters

### Intro:

This procedure details the steps to replacing the double power supply in machines with 60 watts or 75 watts.



Meanwell Supply



Meanwell Supply

If you have any questions, please contact Epilog's

Technical Support

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**Procedure:**

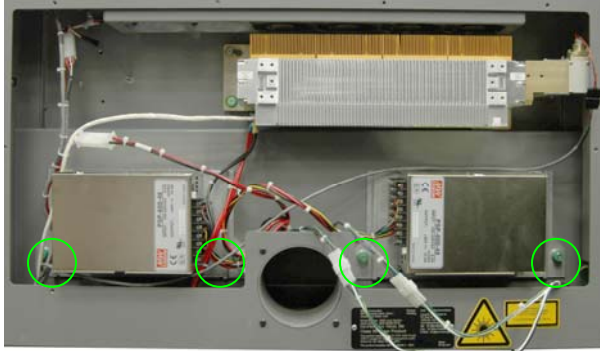
1. Remove back service panel.



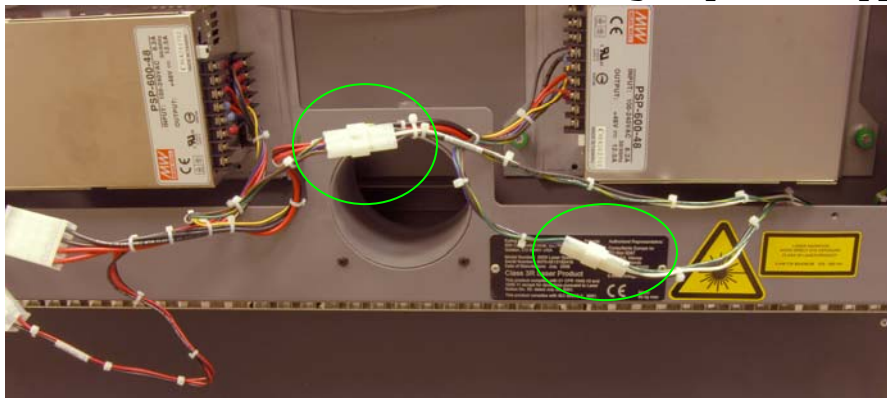
2. Disconnect the four leads connected to the power supplies:
  - a. Disconnect the two connectors containing the black, white, and green with yellow stripe leads. These two leads are connected to black, blue, and brown leads.
  - b. Disconnect the connector containing the two red and two black lead. This connector is small and is on the far left side of the machine.
  - c. Disconnect the large connector containing the two red and two black lead. This connector is directly under the left side of the laser tube. The picture below details the connectors to be disconnected:



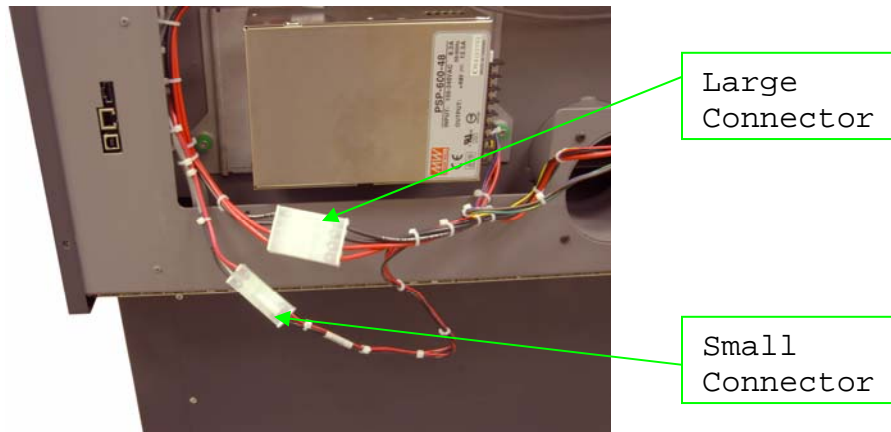
3. Unscrew the four green captive screws. There are two green captive screws on each of the power supplies.



4. Remove the power supplies.
5. Sit the new power supplies in the machine.
6. Connect the four leads that were disconnected in step 3:
  - a. Connect the two connectors containing the black, white, and green with a yellow stripe lead. These leads connect to the black, blue, and brown leads. The longer black, white, and green with yellow stripe lead connects to the black, blue, and brown lead for the left power supply. The shorter black, white, and green with yellow stripe lead connects to the black blue and brown lead for the right power supply.



- b. Connect the two connectors containing the two red and two black leads. The smaller connector (with two connection points) connects with the same type of connector on the far left side of the machine. The large connector (with four connection points) connects to the same type of connector coming from the ground wires on the laser tube.



7. Tighten the green captive screws on each of the power supplies.



8. Replace the back service panel.

