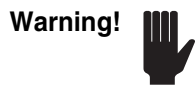


1. Remove the cover from the power supply (14 screws).
2. Attach the umbilical to the power supply.
 - a. Insert the umbilical cables and ground wires through the access hole in the power supply cabinet.
 - b. Anchor the umbilical flange to the power supply using all four mounting screws.
3. Fasten the ground wires.

Insert the two green/yellow ground wires into the opening of the power supply grounding lug, then tighten the lug screw to anchor the wires.
4. Attach the black umbilical cable connector to J₂ on the laser control pc board.
5. Attach the red umbilical cable connector to J₁ on the power pc board.



Before connecting the large, red connector group, be sure they are properly aligned. Improper alignment will short the power supply and may damage both the supply and the plasma tube.

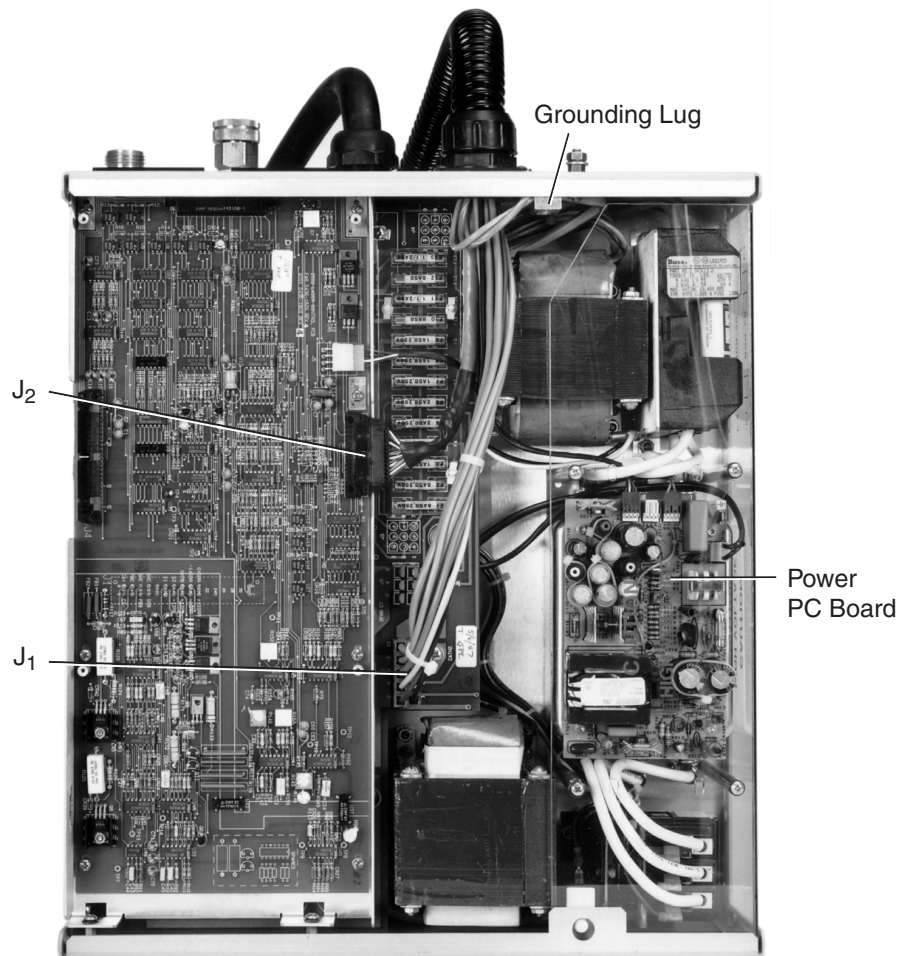


Figure 5-1: Model 2550 Power Supply with the Cover Removed