

# Printware

## Field Procedure

### *Replacing Power Supply*

**Applicable Products:** PlateStream 18" Platesetters

**Parts in kit:** Power Supply Assembly

**Tools required:** Nut driver 11/32" (located in the Printware tool kit)  
Multi-meter

**Procedure:**

1. Turn platesetter power off.
2. Unplug platesetter from wall outlet.
3. Remove front and rear panels from imager half of machine.
4. From rear of imager, locate and unplug the following cables from the power supply, **keeping track of their location and orientation:**
  - 1 black power distribution cable;
  - 3 multi-colored power distribution cables.
5. Using nut driver, remove the six K-nuts holding power supply in place—**note that the rear left K-nut has a grounding strap that must be replaced upon re-installation.**
6. Lift power supply slightly up and remove it from operator side of imager.
7. Remove power plug from the old supply and attach it to the new supply.
8. Install new supply in the same orientation.
9. Secure new supply in place using the 6 nuts—when reinstalling K-nuts, make sure you attach the grounding strap between the power supply and the K-nut on the rear left-hand side.
10. Plug the 3 colored and 1 black cables into the new supply.
11. Plug platesetter into wall outlet.
12. The power supply fan should come on at this time—if the fan does not come on, unplug platesetter from wall and verify that the supply is wired correctly.
13. Once the fan is working, turn platesetter on and allow it to come on line.
14. Using a multi-meter, verify correct voltages at the controller board (use the meter's red lead to measure voltage and ground the black lead to one of the black wires)—the power lines coming into the controller board are located on the back of the board at connector J6, and the voltages should read as follows:
  - Red 5.0 to 5.15 volts;
  - Yellow 11.5 to 12.75 volts;
  - Blue -11.5 to -12.75 volts;
  - Orange 23.0 to 26.0 volts.
15. If voltages do not fall within the specified range, call technical support for assistance.