



How To

Service Documents from APPI

Document: #HT000003

Document Title: Check Power Supply on Ti-1000 Printer

Product(s): Ti-1000

Procedure:

Turn Power OFF.

Remove large beige left side cover.

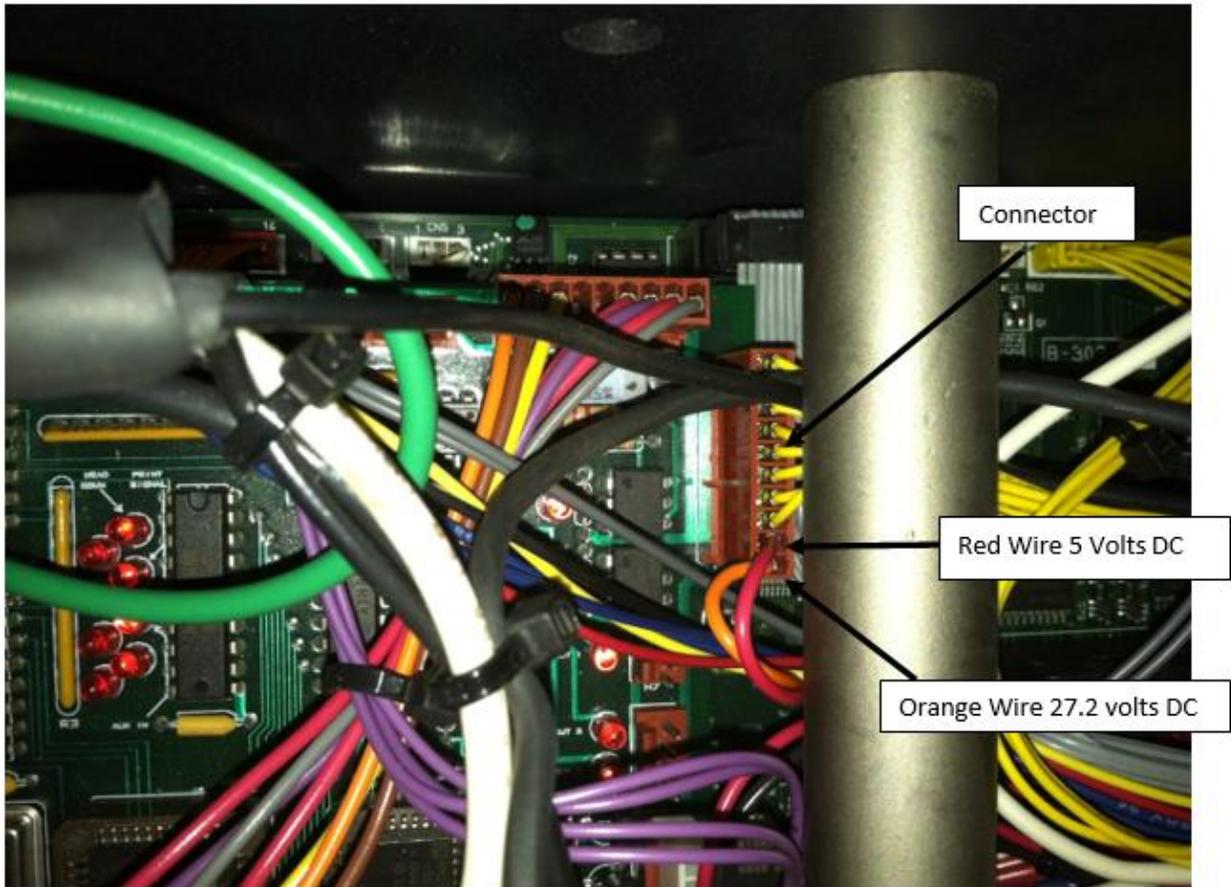




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To take a voltage reading, locate the connector on the I/F board that has eight Yellow, one Red and one Orange wire.



Put your voltmeter on 200 V DC.

With power **ON** put the positive lead to the red wire in the connector, and the negative lead to a good ground. You should read **5 Volts**.

Then check the orange wire, it should read **27.2 VDC**.

If these readings are off, you will need to adjust the variable resistor on the underside of the Power Supply.

Note: *This is best done by two people.*



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VR2 is the 5 V DC Adjustment, VR1 is the 27.2 VDC Adjustment.

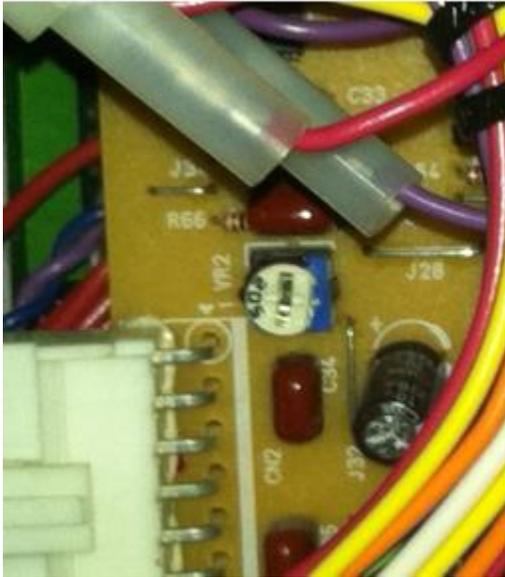




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Locate VR1 and VR2 on the underside of the Power Supply. VR2 is near the 7-pin connector, it has a white cap with a blue base. **VR2** will adjust your **5 VDC**.



VR 2



VR1

Note: Turn Power **OFF** before adjusting. Then turn Power **ON** to check voltage.

Put a small slotted screwdriver in the smaller slot that is perpendicular to larger slot. There is Loctite on it so there will be some resistance at first.

VR1 is approximately 3 inches from **VR2** along the inside edge of the board. This is the 24 VDC, but should be set to **27.2 VDC**.

Turn VR1 and VR2 very slightly, less than 1/16 of a turn. They are very sensitive.