



Guide to Replacing the Power Supply for the U5000AT+



**Tools needed: #2 Phillips screwdriver
11/32 Nut driver or socket**



Part to be replaced SP5432 Power Supply U5000AT+

- 1) Turn the unit off and disconnect the power cord and all drain tubing from the pump.
- 2) Turn the unit upside down and remove the (12) screws using a #2 Phillips screwdriver. Fig.1

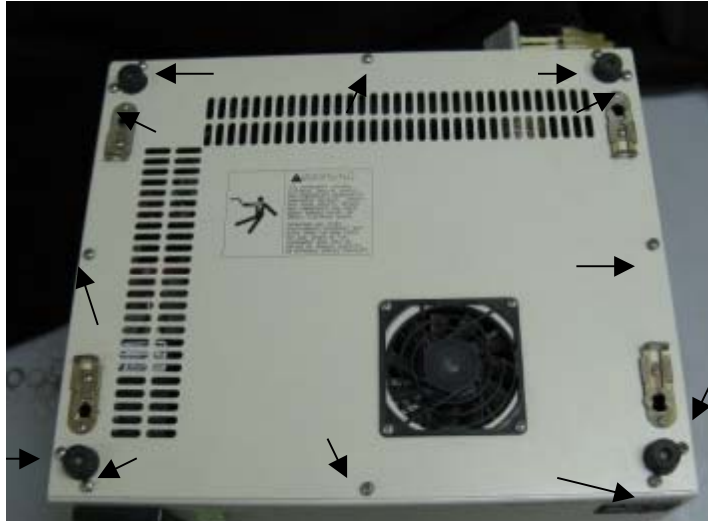


Figure 1

- 3) You will need to unplug the fan that is attached to the bottom cover, and set the cover aside. Fig. 2

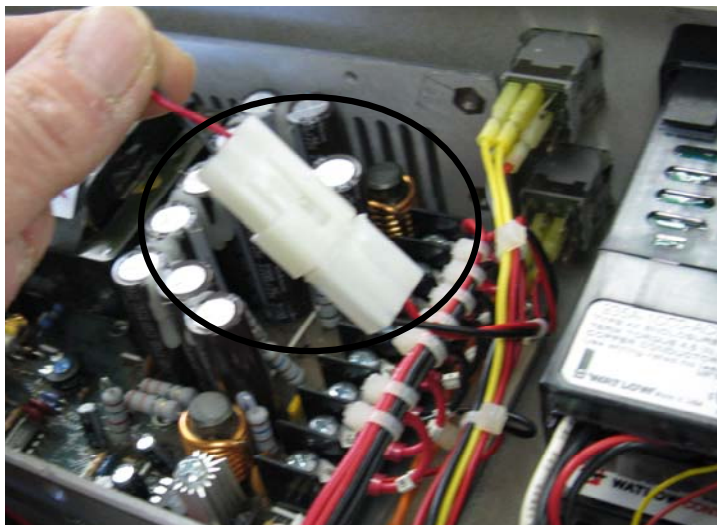


Figure 2

- Using a #2 Phillips screwdriver remove the (8) terminal connections on one side of the Power Supply and the (3) terminal connections on the other side of the Power Supply. Fig 3

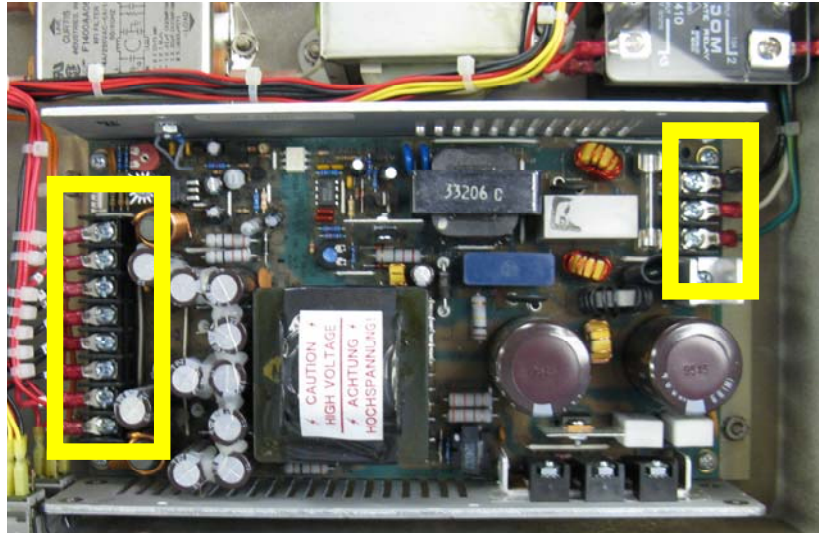


Figure 3

- It may be necessary to unplug the connections to the Operate switch to allow you access to one of the nuts that hold the Power Supply to the bracket inside the chassis. **(Note: Be sure to note the location of each wire and which pin it is connected to before removing the connectors.)** Fig. 4

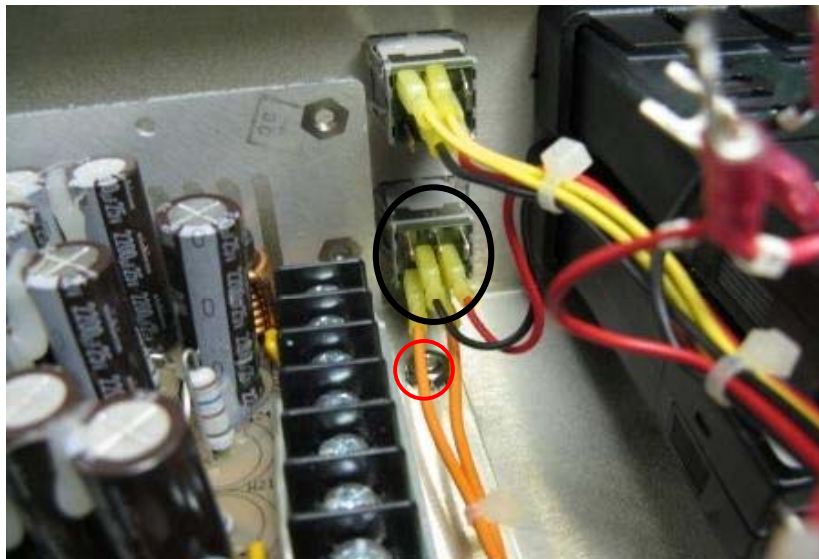


Figure 4

- 6) Using an 11/32 nut driver remove the (4) nuts that hold the Power Supply to the bracket inside the chassis, and lift out the Power Supply. Fig. 5

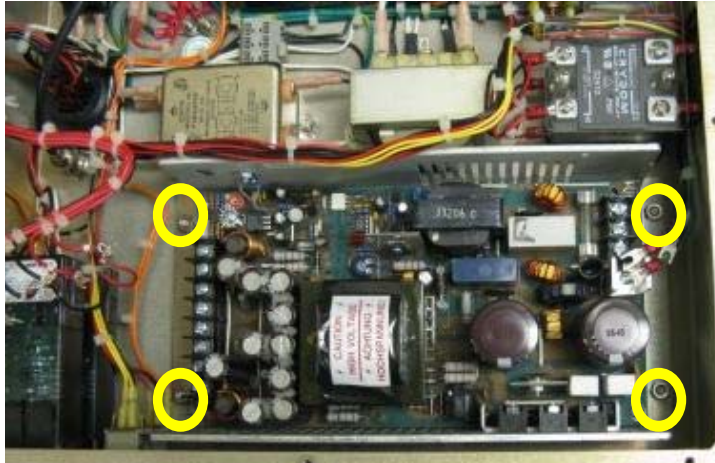


Figure 5

- 7) Using a #2 Phillips screwdriver remove the (4) screws that hold the bracket to the Power Supply. Fig.6

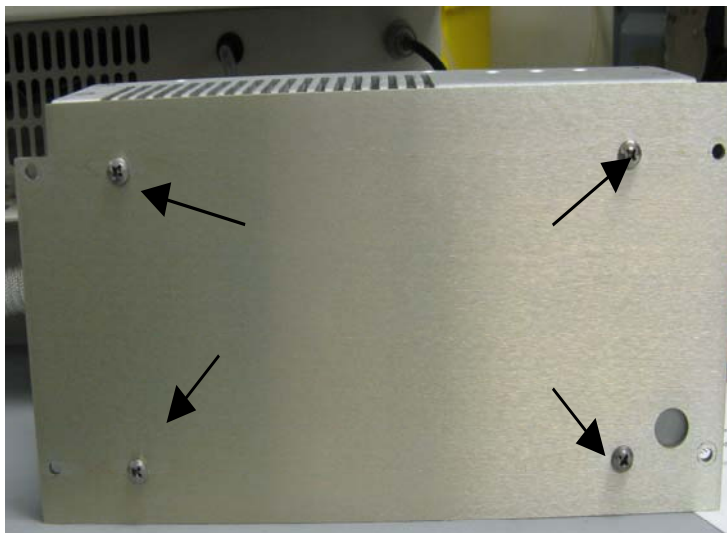


Figure 6

8) Using a #2 Phillips screwdriver, install the new Power Supply to the bracket, using the same (4) screws and set inside the instrument.

(Note: It is important to observe the orientation of the bracket when installing it to the new Power Supply. Observe the cut out portion.) Fig.7



Figure 7

7) Re-install the (4) nuts. Fig.8



Figure 8

- 8) Using a #2 Phillips screwdriver, re-connect the (8) terminals and the (3) terminals on each side of the power supply. Fig. 9 (Note: all of the (8) terminal connections are numbered. Number (1) being closest to the front on the instrument.)

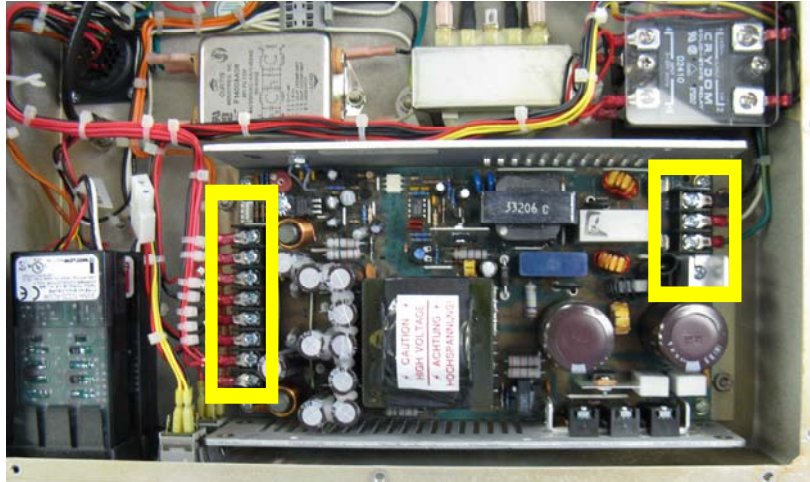


Figure 9 Front

- 9) Plug the fan back in and install the bottom cover. Fig.10

