



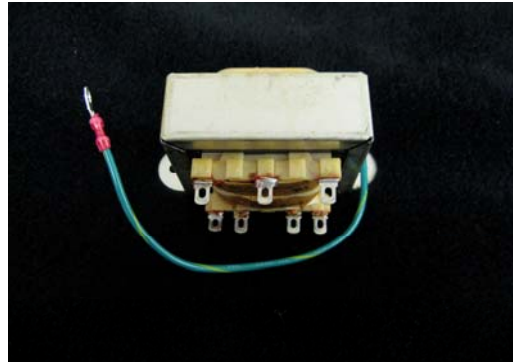
**Guide to Replacing SP5418
In Cetac U5000AT+ & U6000AT+
Ultrasonic Nebulizers**

Tools Needed:

- 1) Needle nose pliers.
- 2) 11/32 nut driver.

Part to be Replaced:

**Transformer
SP5418**



- 1) Turn the system off and disconnect the power.
- 2) Remove the drain and Argon tubing.
- 3) Turn the unit upside down and remove the (12) screws from the bottom cover. Fig.1



Figure 1

4) Unplug the fan and set the cover aside. Fig. 2

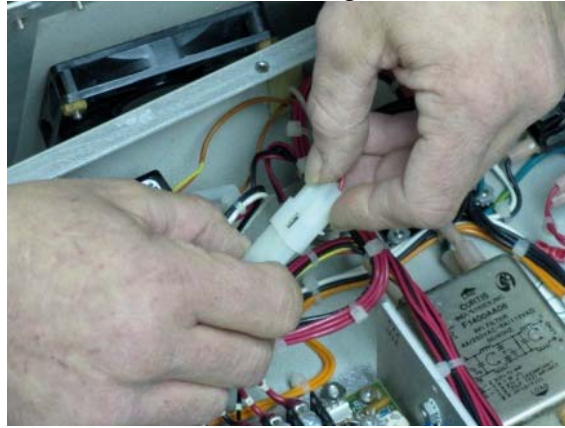


Figure 2

5) Using a pair of needle-nose pliers, remove (6) wire connectors from the Transformer terminals. Fig. 3

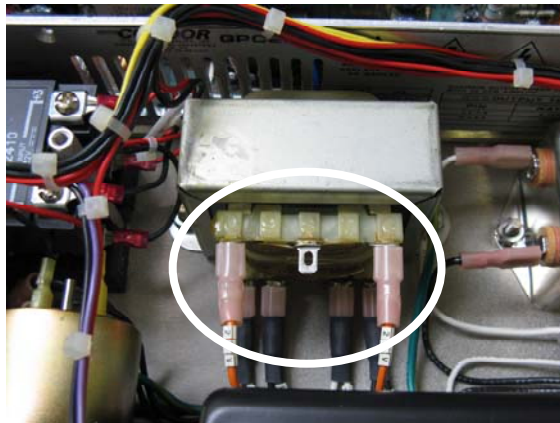


Figure 3

6) Using an 11/32-nut driver, remove the (2) nuts from each side of the Transformer and set aside. Fig. 4

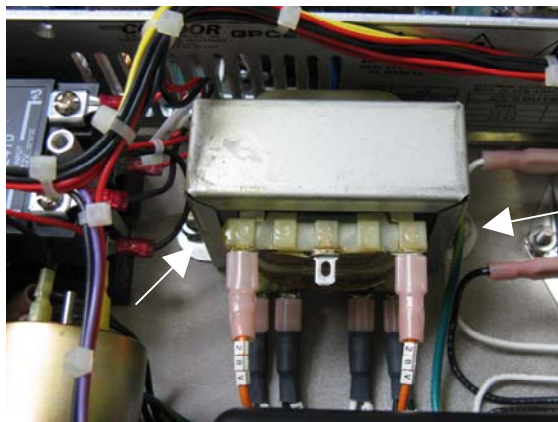


Figure 4

7) Trace the green & yellow ground wire from the Transformer , using an 11/32-nut driver remove the nut that holds the ground wires and set aside. Lift out the Transformer.
Fig 5

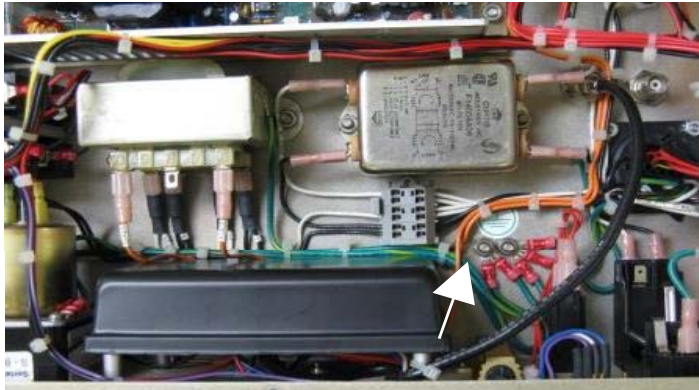


Figure 5

8) Using a pair of needle nose pliers gently bend up the contacts on the bottom of the new Transformer. Fig.6a & 6b

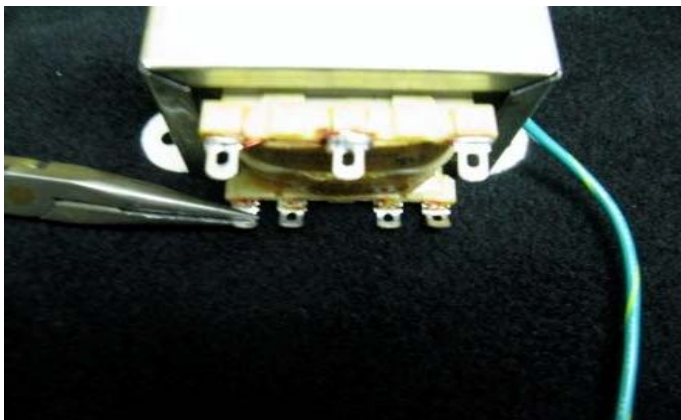


Figure 6a

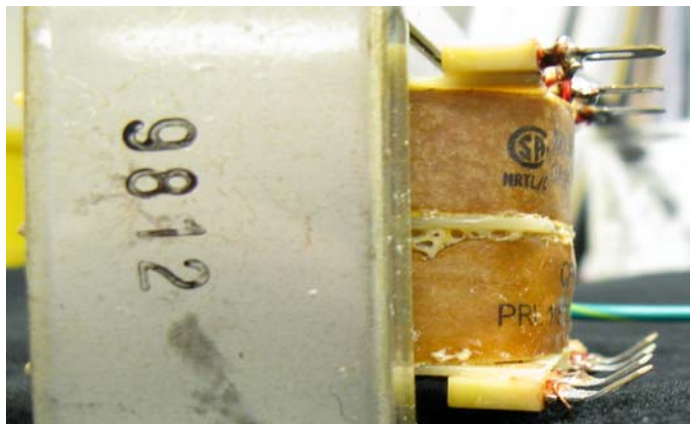


Figure 6b

- 9) Attach the wires to the Transformer contacts and set the Transformer on the mounting posts inside the unit. Attach the Transformer frame with the two nuts that were removed in step 6. Fig. 7

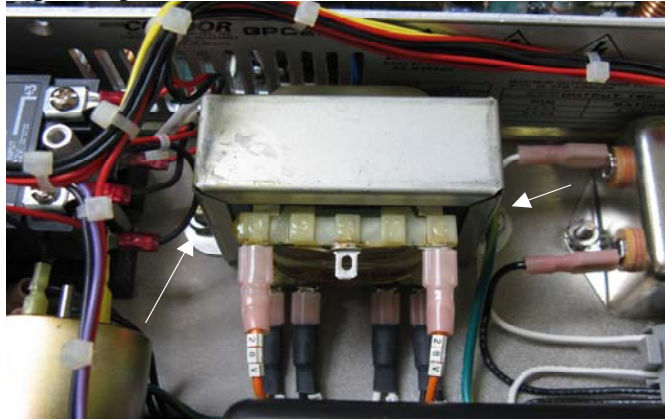


Figure 7

- 10) Re-Attach and route the ground wire to the post with the nut that was removed in step 7. Fig. 8

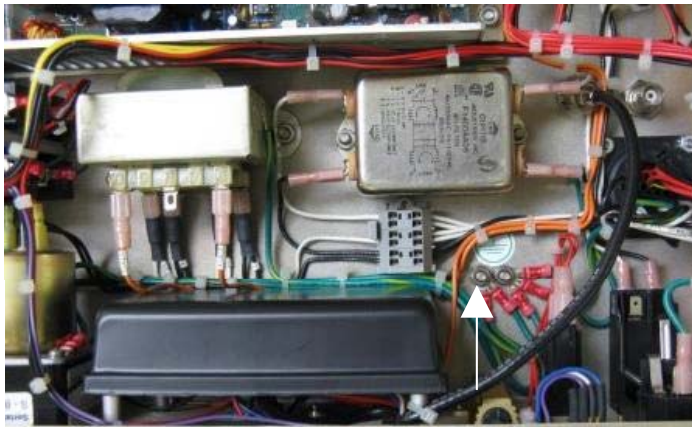


Figure 8

- 11) Install the bottom cover with the (12) screws removed in step 3. Fig. 9



Figure 9