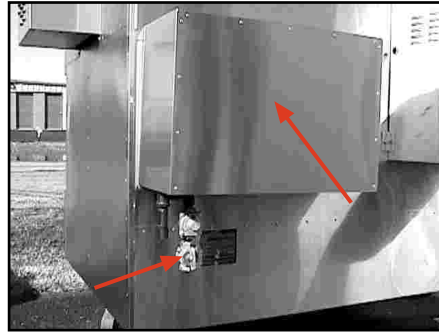


Burner Assembly Replacement for all gas ovens

(Caution: It is recommended that a qualified service technician be called to replace the burner assembly)

1. Disconnect the power.



(fig.1) Burner Cover & Gas Shut-off

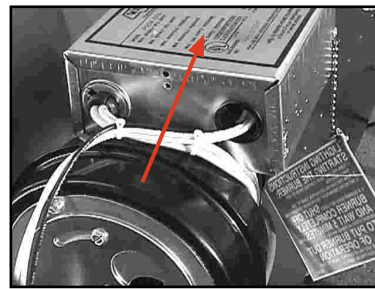
2. Remove the burner cover by removing the retaining screws and lifting up on the cover. (fig.1) on SPK-700 & XLR-1000 units, remove the burner access door by removing the four retaining screws. (fig.2)



(fig.2) Burner Cover for SPK-700 & XLR-1000

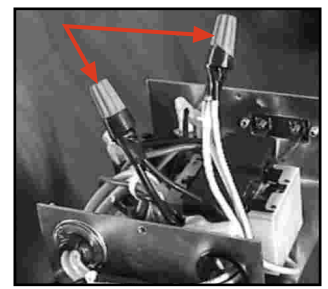
3. Shut off the gas supply.

4. Remove the access cover on the top of the junction box located on the top of the blower motor. (Trace the black and white wires to locate this box.) (fig. 3)



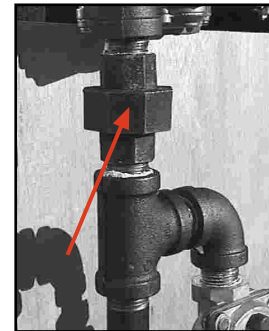
(fig.3) Junction Box Cover

5. Un-tape & disconnect both the black & white wires taking note of their locations. (fig.4)



(fig.4) Wire nuts for wires

6. Un-hook the gas line at the union. (fig.5)



(fig.5) Gas line union

7. Loosen the two 1/4-20 bolts used as set screws to hold the burner tube inside the 4" blast tube. (fig.6)

8. Pull straight back to slide the burner out of the blast tube. A slight twisting motion back and forth may be necessary. (fig.6)

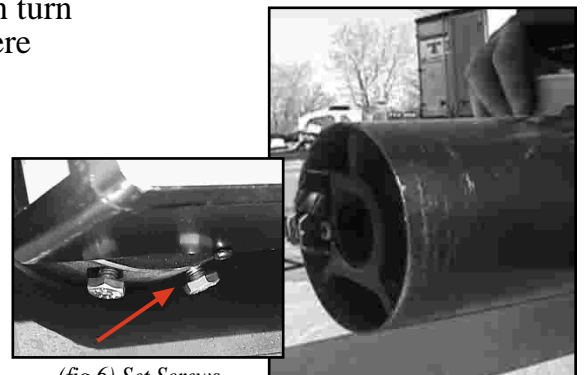
9. Reverse procedure to install the new burner

10. Make sure 1/4-20 retainer bolts are tight, wire connections are secure and gas line is connected and tight.

11. Apply a solution of dish soap & water on the gas connection turn gas on and check for leaks, "bubbles" indicate a leak. If there are bubbles retighten and test for leaks again.

12. Once it has been determined that there is not a gas leak, fire the burner and inspect the burner flame, it should be a nice clean blue flame (little or no orange in flame).

13. It is recommended that a manometer be used to verify that the gas pressure and manifold pressure are correct.



(fig.6) Set Screws

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