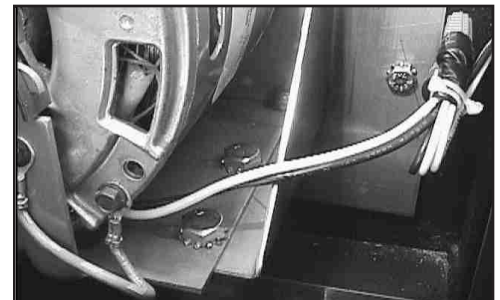


# Gas Oven Convection Fan Replacement

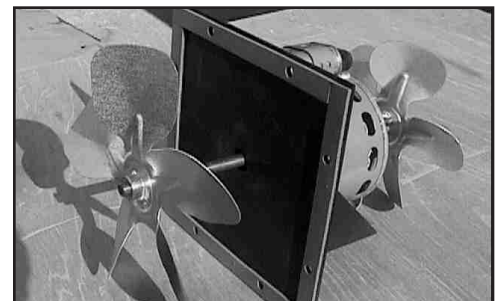
1. Disconnect power.
2. Remove the convection fan cover located on the outer back of the oven, by first removing the two 10-32 screws and then sliding up on the cover to remove. (fig.1)
3. Mark or take note of the wire locations.
4. Remove wirenuts and ties. (fig.2)
5. Remove the eight 1/4-20 bolts that hold the convection fan mounting plate to the liner. (fig.4)
6. Remove the fan assembly. The red gasket may be stuck to the oven. Use a screwdriver to pry the fan plate away. The fan blade is a close fit going through the 8" square hole. Turn and twist the fan assembly to assist removal. (fig. 3)
7. On a work surface , using a 1/8" t-handle allen wrench, remove both fan blades (if they are going to be re-used clean and straighten the blades before installation. Note the location of the blades on the shaft. The outer 8" cooling fan blade hub faces in towards the motor. The inner 10" fan blade hub faces away from the fan motor. (fig.5)
8. Remove the four 1/4-20 bolts and nuts that hold the fan motor to the fan mounting bracket. Replace motor. (fig.6)
9. Check gasket on the back of the fan mounting plate before reinstalling, replace if necessary.



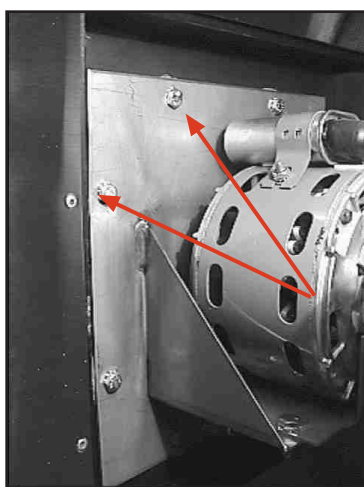
(fig.1) convection fan cover



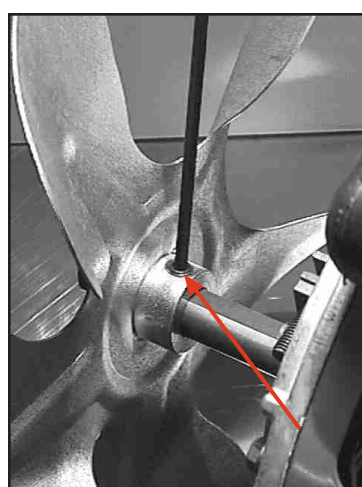
(fig.2) wirenuts connecting fan motor



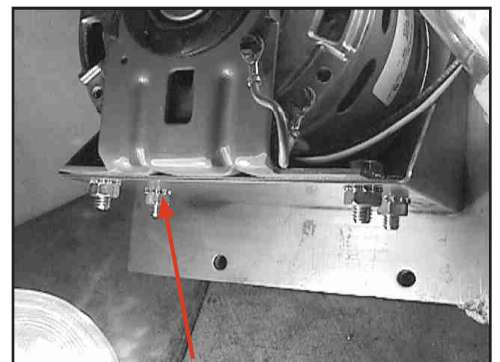
(fig.3) convection fan assembly



(fig.4) fan mounting plate



(fig.5) fan blade set screw



(fig.6) fan motor mounting bolts