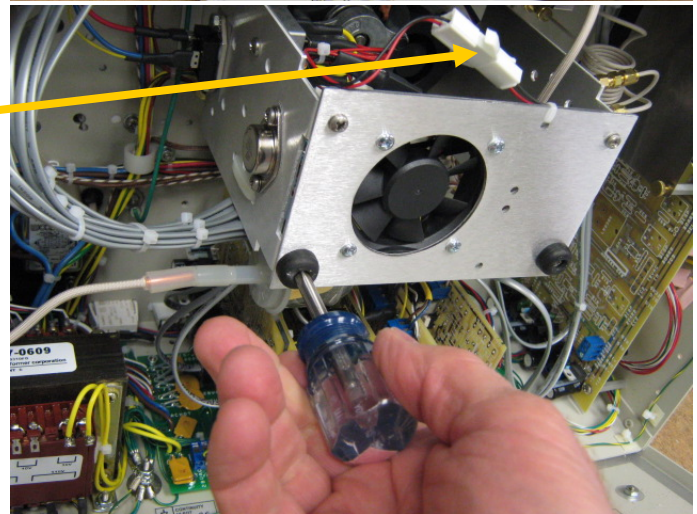
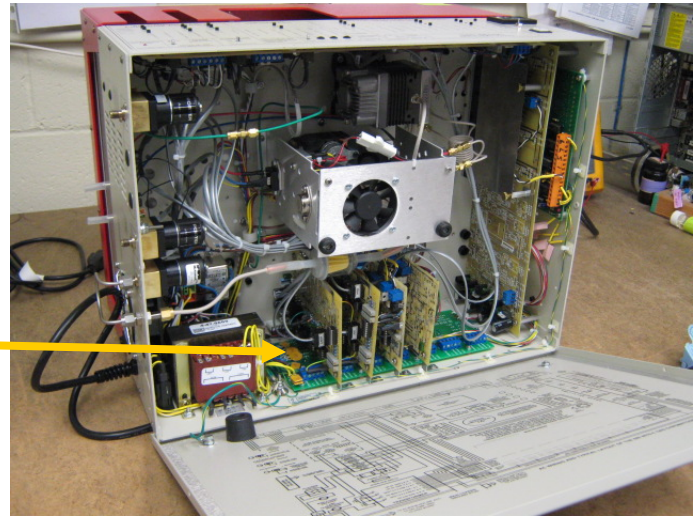
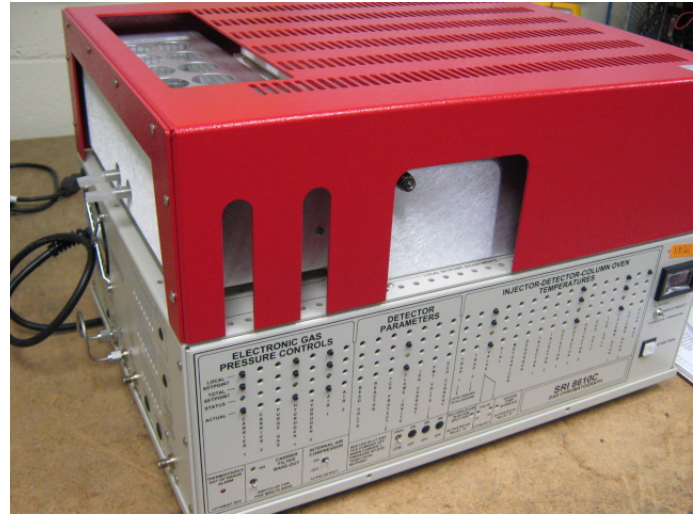


# Installing the supplemental cooling blower on the Oven Fan Motor in SRI 8610C and #10C GCs

SRI 8610C GCs built after Oct 2011 incorporate a cooling blower which cools the shaft of the oven fan motor in order to extend the operating lifetime. This cooling blower can be installed on earlier 8610C or 310C GCs.

Remove the 6 screws which hold the bottom cover and tilt the GC on its back. The 8610C GC is shown in the photos, but the 310C GC is substantially similar.

Remove the 4 screws holding the internal circulation fan bracket. Un-clip the white moxex connector and remove the bracket to improve access to the cooling fan location.



## Installing the supplemental cooling blower on the Oven Fan Motor in SRI 8610C and #10C GCs

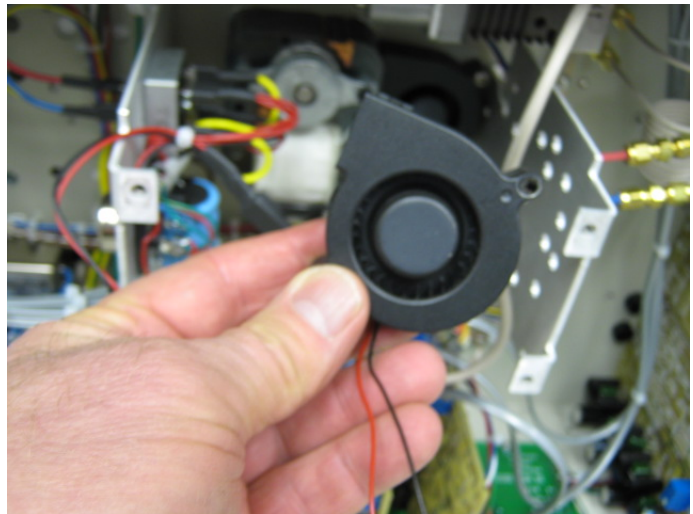
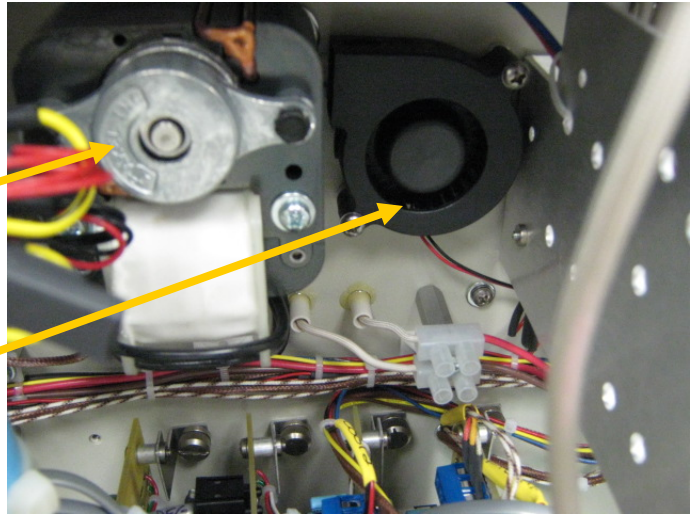
With the fan bracket removed you will see the oven fan motor itself.

The photo at right shows the cooling blower mounted just to the right of the oven fan motor.

Earlier GCs do not have mounting holes for the cooling fan.

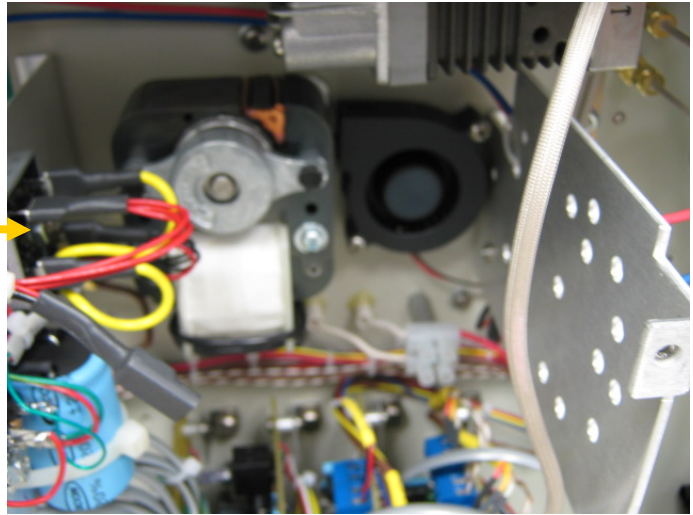
Use silicone glue to secure the blower to the chassis instead of screws. Use a generous amount of glue.

Position the blower so it blows directly onto the shaft of the oven fan motor. Allow 30 minutes for the glue to set up.

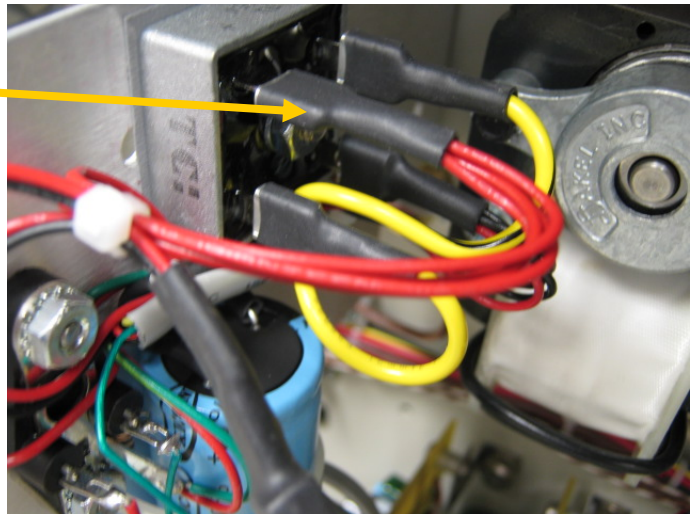


## Installing the supplemental cooling blower on the Oven Fan Motor in SRI 8610C and #10C GCs

Locate the diode bridge which is mounted just below the oven fan motor.



The diode bridge will have red wires connected to one terminal and black wires connected to the diagonally opposite terminal.



Splice the red wire from the cooling fan into one of the red wires on the diode bridge. Splice the back wire from the cooling fan to one of the black wires on the diode bridge. The diode bridge will supply the cooling fan with 12-15 volts DC whenever the GC power is on. Verify the cooling fan works before re-assembling the GC.

