

Replacing the chassis cooling fan in the SRI 8610C and 310 GC (Feb 2009)

The parts kit to replace the cooling fan in the SRI 8610C or 310 gas chromatograph consists of an AC powered (120 or 220 volts AC) fan, a fan guard, two 1.25" screws, two .625" screws and four locking nuts.

The part# for this kit is 8670-6576 (specify 120 or 220 volts AC).

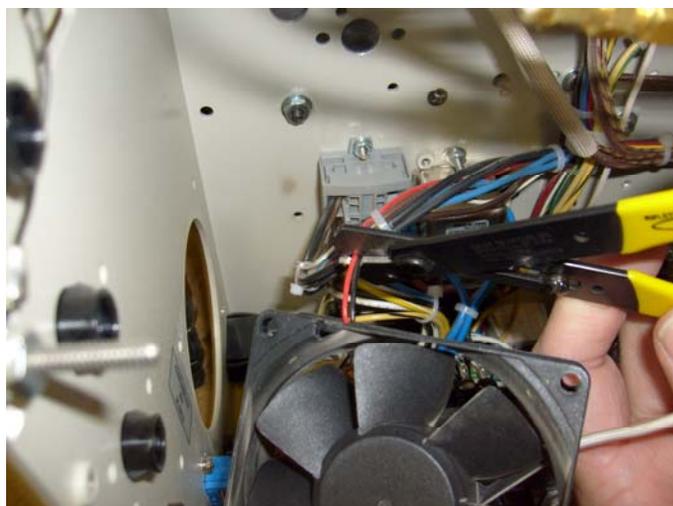
The original fan may have been a 24volt DC type fan. This has been super-ceded by the AC fan on all GC models.

Un-plug the GC from mains power

Remove the four existing screws and snip the red and black wires going to the old fan. It can be difficult to get at the nuts holding the fan screws if the GC has a valve installed. You may have to wedge a screwdriver blade to keep the nut from turning if access is difficult.

Be careful not to lose any hardware. If you drop and nut or a screw inside the unit be sure to locate and retrieve it.

Tape over the ends of the red and black wires so the cut wires can not touch anything after the unit is re-assembled.



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Note that the label on the fan faces towards the outside so the fan blows air out of the chassis rather than in.

Use the longer screws at the rear of the fan to make it easier to get the nuts attached.

Connect the two wires to AC power on the display board. The display board is the circuit board mounted on the front of the GC. Locate the 6 terminal board at the far left hand side of the board and connect the fan wires to the middle two screw terminals on the 8610C model and the two right hand screw terminals on the 310 model. Be sure the GC power is OFF while doing this.

