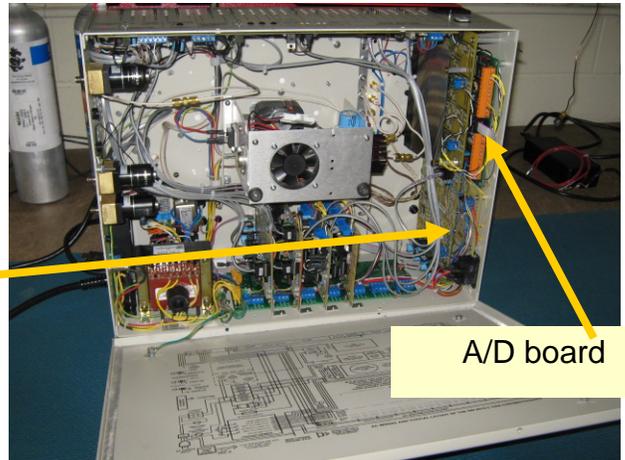
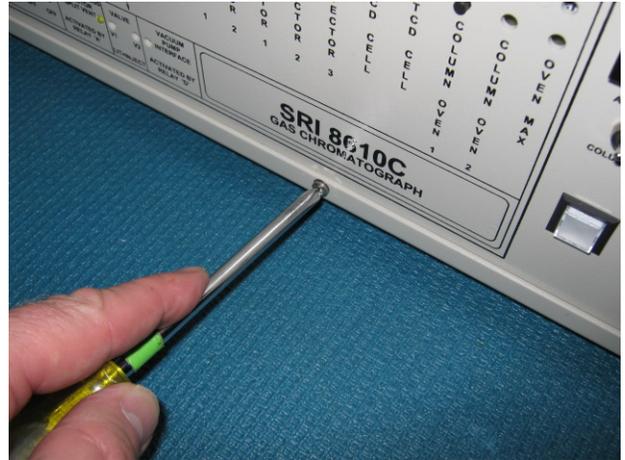


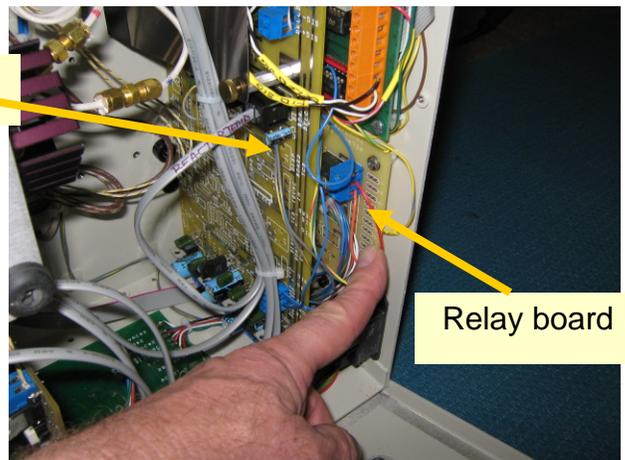
Relay Board Installation in 8610C and 310 GC

To install the relay board un-plug the GC from power. Remove the six Philips head screws which secure the bottom cover of the GC.

The relay board will mount on the inner right hand side of the chassis, partially tucked underneath the amplifier board.



Amplifier board



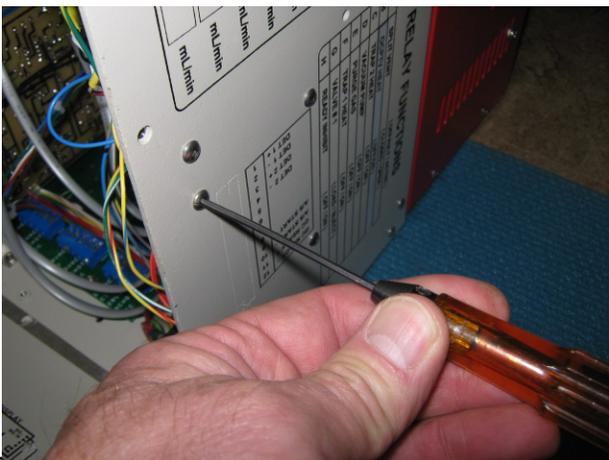
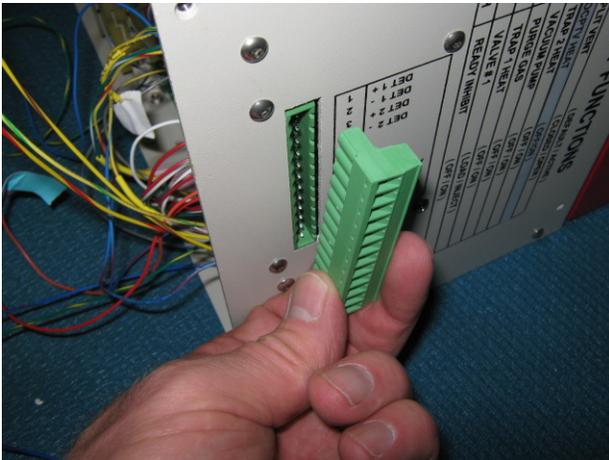
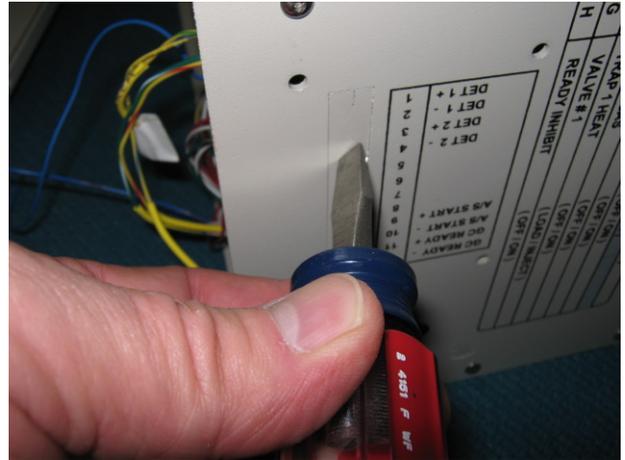
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Relay Board Installation in 8610C and 310 GC

If you have the 8600-4061 with the external terminal block then use a screwdriver to knock out the rectangular cut-out on the right side of the GC.

Secure the board with the four 6-32 hex head screws and a 5/64" hex head wrench.

If you have the 8600-4060 board you don't need to remove the knockout.



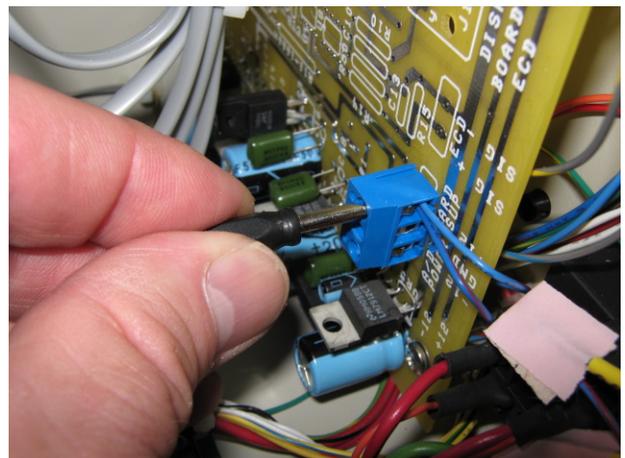
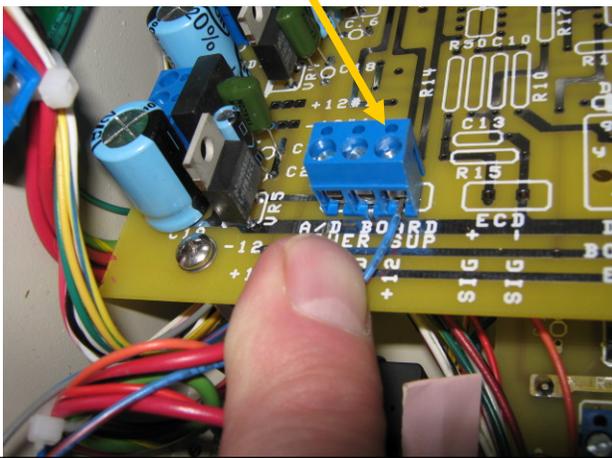
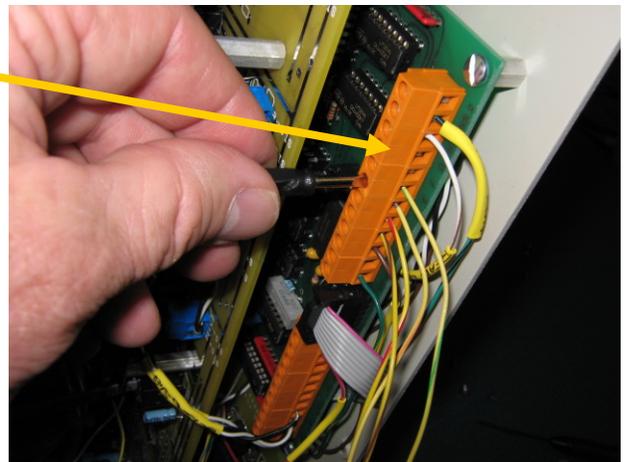
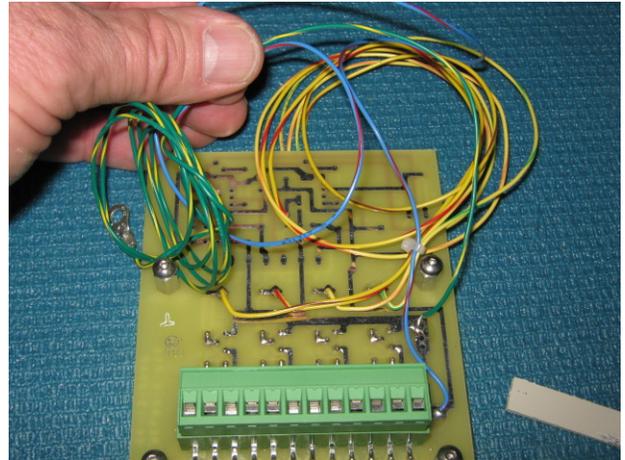
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Relay Board Installation in 8610C and 310 GC

The board has six wires already attached.

Connect the four yellow striped wires to any four of the A/D board terminals labeled A-H. These are the TTL outputs from the A/D board. Some terminals may already be used for other functions inside the GC so you will have to pick any four which are available.

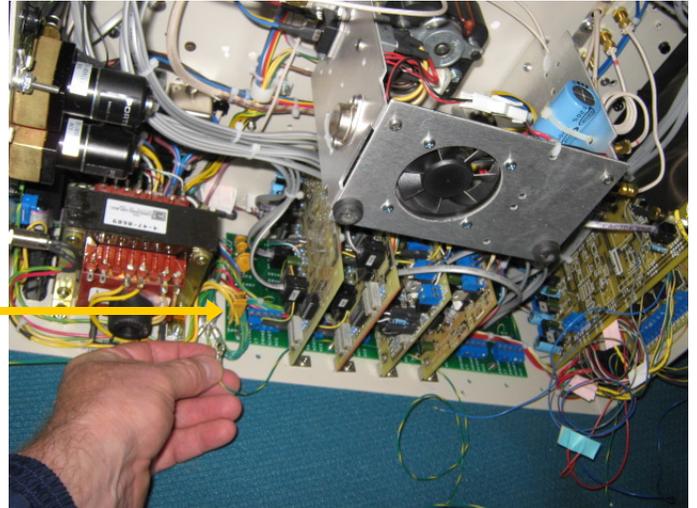
Connect the blue/red striped wire to the +12 terminal on the amplifier board. This is the +12 volts to power the board.



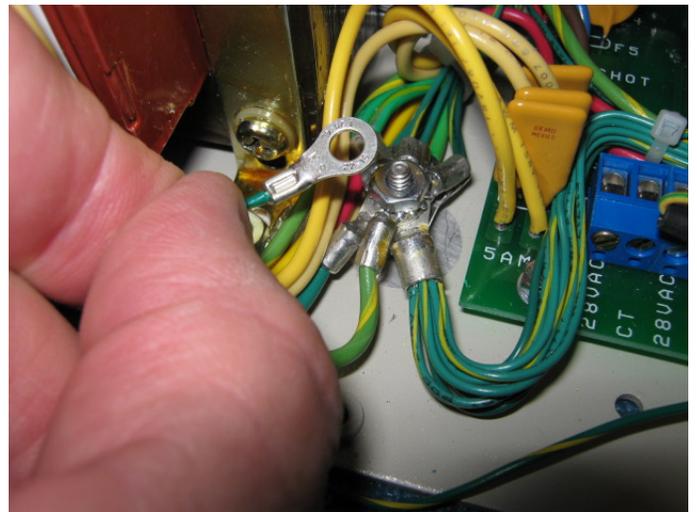
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Relay Board Installation in 8610C and 310 GC

Connect the gree/yellow striped wire to the chassis ground stud located just to the right of the main power transformer.



Remove the nut on the top of the chassis ground stud, slip the ring terminal over the stud and then re-tighten the nut.



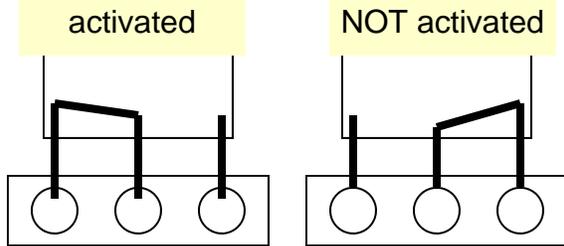
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Relay Board Installation in 8610C and 310 GC

Connect your external device to the relay from the outside of the GC.

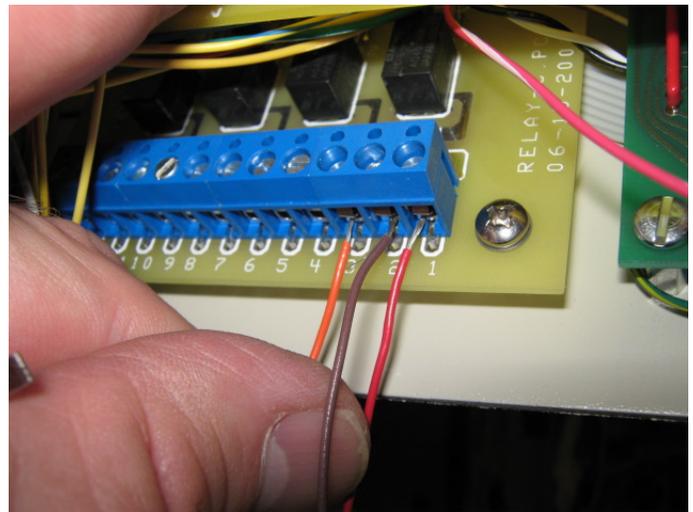
Or make the connection on the inside of the GC. If the connection is made on the inside of the GC then route the wires out through any available hole in the GC chassis.

Each mechanical relay has three terminals. The C terminal (common) is the middle of each group of three. The C terminal connects the NC (normally



closed) terminal when the relay is NOT activated. The C terminal touches the NO (normally open) when activated by the PeakSimple data system.

NO	C	NC
3	2	1



Yellow/brown wire relay terminals **1,2,3**
 Yellow/red wire relay terminals **4,5,6**
 Yellow/orange wire relay terminals **7,8,9**
 Yellow/Green wire relay terminals **10,11,12**

The common terminal in each group of three is highlighted in **bold**

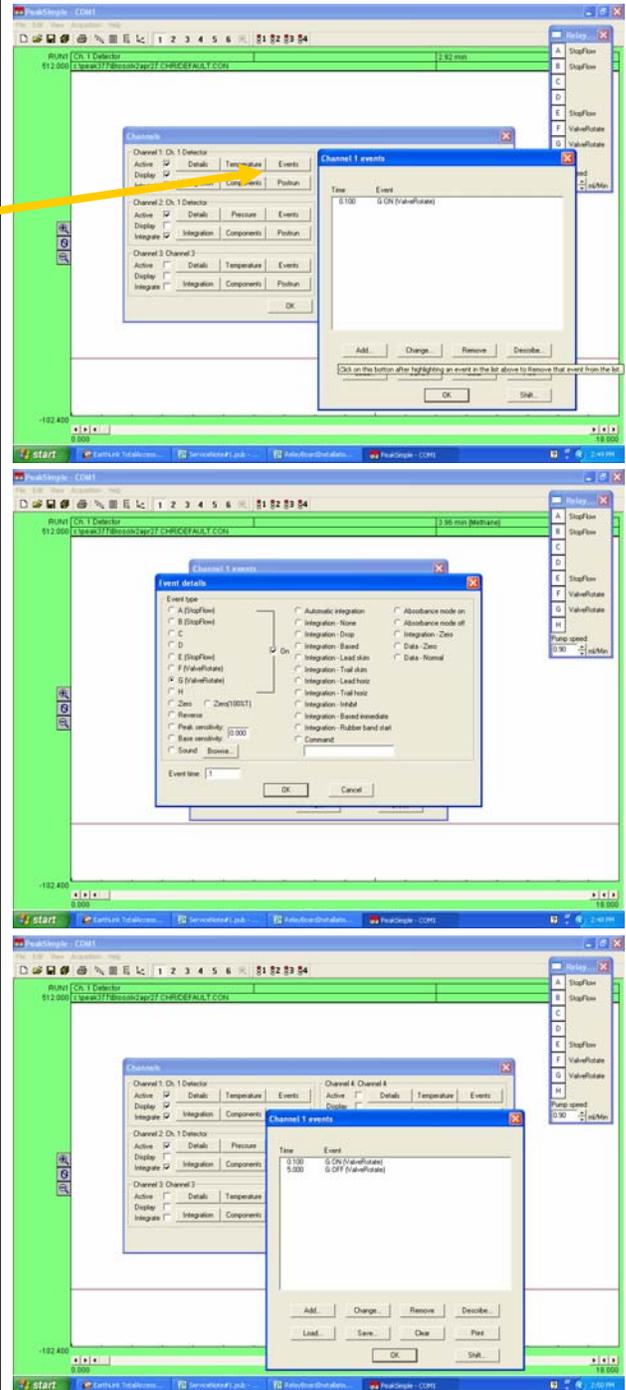
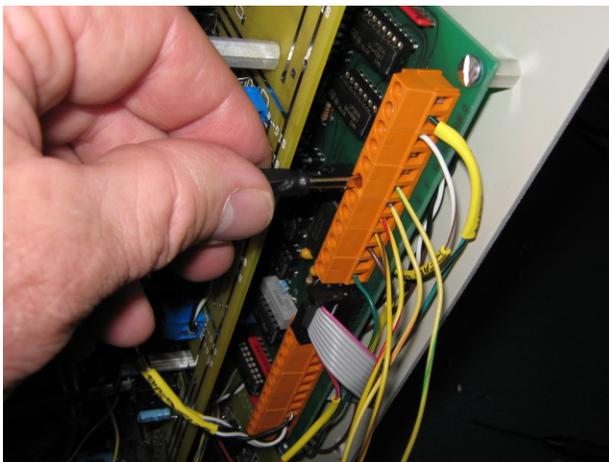
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Relay Board Installation in 8610C and 310 GC

Navigate to the Event table for channel 1 in the PeakSimple software.

To activate a relay enter the time during the chromatogram you want the relay to activate and then select which relay (A-H) and whether to activate it (on) or de-activate it (off).

Which relay to activate depends on which TTL output on the A/D board you connected the yellow striped wire to.



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