

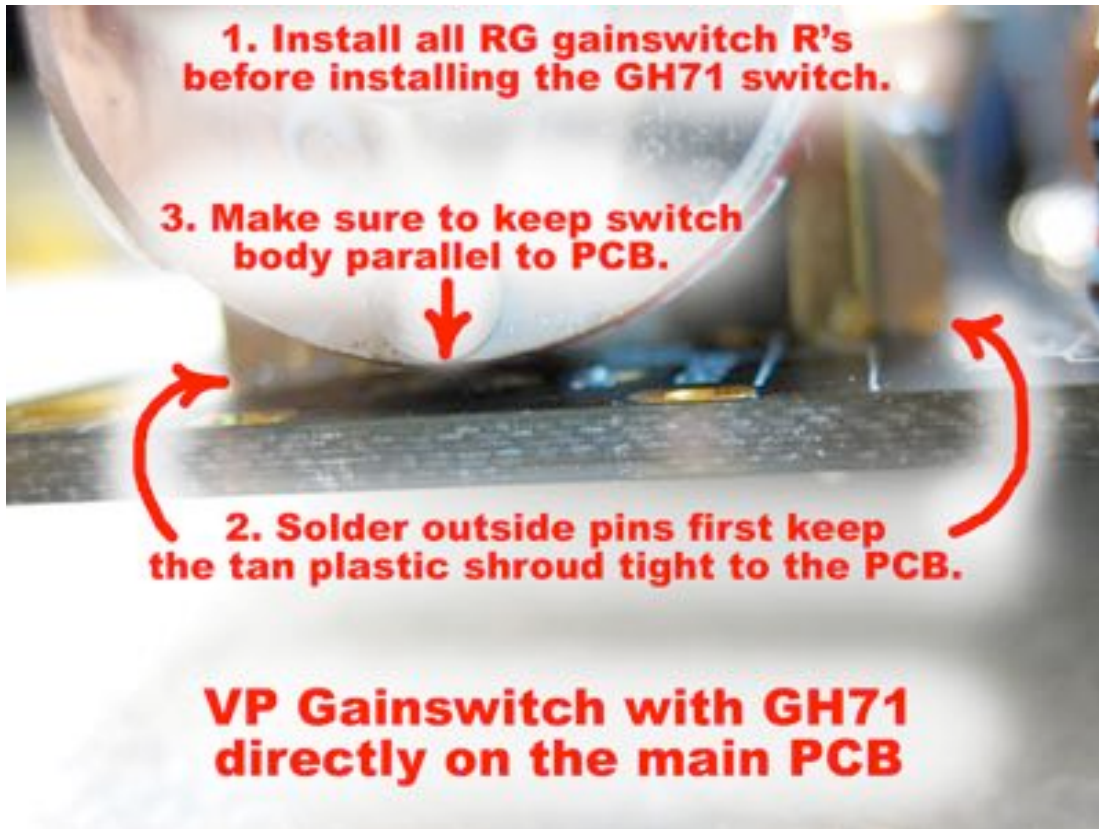
Stepped Gain Option on a VP Preamp PCB

1. Install all of the RG stepped gain resistors. They will be packed separately in a small pink baggie. Once they are all in, inspect closely on both sides of the board with a magnifying glass of some sort. Make sure all solder joints look sound and there are no solder bridges. Before moving on, using your DMM, probe between the switch pad just left of RG1 and switch pad just left of RG11. You should have around 25k Ω . If it is much different than that, you have a solder bridge or cold solder joint on one of the RG resistors. Correct this now as the GH71 is not the easiest to desolder from a double sided, plated thru hole board.

1a. If the supplied Grayhill switch does not have a factory installed stop, install the switch stop-pin and silver retaining sticker as shown on the stepped gain schematic.

2. Install the Grayhill switch by holding it tight to the PCB and soldering both outside pins coming from the tan shroud. Inspect from the side making sure the switch body is parallel to the PCB. Solder the switch wiper pin while holding the body in the direction needed to make it parallel.

3. Once verifying that the switch is parallel, proceed to solder the remaining switch PC pins. Inspect with a magnifying glass to insure you have no solder bridges.



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