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Subject: K200-B5 reverb questions

Posted by [terminal](#) on Wed, 26 Jul 2017 17:07:13 GMT

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How does the reverb switching work on a PC803 K200-B5 reverb? the schematic shows -6v on the base of Q806 and Q807, but if I do the voltage divider math across R485 R486 and R487 it would seem to be that the base voltage would be -2.2v with the footswitch closed and +1.76v with the foot-switch open. So is the schematic's -6v with the foot-switch closed? (i.e. grounded?).

I'm rehabbing a broken K200-B5 that was broken when I got it.. a previous tech or person inserted a piece of plastic between the foot-switch tip and the switch so the foot-switch is open. When I pulled this plastic out and the amp made tons on noise at high volume.

I also removed Q806 to "open" that transistor switch to ground and got the same noise.

So I'm confused. I figured the NPN would open if the foot-switch was open, but my testing seemed to show the opposite.

BTW: I don't rule out other problems elsewhere in the amp causing this...

Also, with the little piece of plastic stuck in the switch, the amp works. all four channels work.

the amp didn't come with RCA patch cables for the input/output to the tank. Regarding the ground shield on these, should they be connected to the RCA outer cylinder on both ends? or just one end?

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