

---

Subject: K100 2 Questions

Posted by [Dutleydurite](#) on Wed, 11 Mar 2020 01:49:08 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hello all! I have replaced several of the input transistors with 2N3904 transistors. I have some volume, not just the faint signal I started with. I had to carefully dial the volume to around 10 o'clock at the start. The amp sounds farty and has little volume even when turned all the way up. Amp hissing is pretty significant at peak volume. I don't read schematics well. It's a pc104 board. I'm needing some help as I don't have somewhere to take it to. Thanks in advance.

---

---

Subject: Re: K100 2 Questions

Posted by [stevem](#) on Wed, 11 Mar 2020 10:54:31 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

You state the you changed the input Transistors, but There's is only one preamp input Transistor, that being Q100 which is a NPN type like the 2N3904 that you used, however the next Transistor Q101 is a PNP type.

Did you replace that with a 2N3904 also?

---

---

Subject: Re: K100 2 Questions

Posted by [Dutleydurite](#) on Wed, 11 Mar 2020 23:25:06 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

I did not. That is reading as functional (diode on multimeter).

---

---

Subject: Re: K100 2 Questions

Posted by [stevem](#) on Thu, 12 Mar 2020 10:20:59 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Your next step is to prove out that the preamp section has its needed voltage to run on, that being the + and - 8 volts as seen on the schematic.

This amp is a real PIA to work on with everything mounted to that one front board so take your time when making readings.

What I do with my hot meter probe is tape the metal shank up so only the very small tip is exposed.

---

---

Subject: Re: K100 2 Questions

Posted by [Dutleydurite](#) on Sun, 15 Mar 2020 00:16:37 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

I drove a few hours to a repair shop. I easily found I was out of my league. I'll stick to guitar repair

---

and changing tubes once in a while. Thanks for the help and resources. I just don't want to accident into voltage. Electricity gets beyond my comfort zone.

---

---

Subject: Re: K100 2 Questions

Posted by [steven](#) on Sun, 15 Mar 2020 10:28:06 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Sounds like a good decision, and he is welcome to use us as a resource in getting it back up and running if need be.

---