
Subject: K-200B-2 reverb/tremblo
Posted by [slk854](#) on Sat, 17 Sep 2016 19:54:24 GMT
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Just picked up a a 200B-2. Both channels work, but the reverb and tremblo are not working. When I turn the reverb knob all the way up the volume goes down. It does not turn the volume. off but a significant loss in volume.I hear absolutely no sign of reverb at all. Any ideas???

Steve

Subject: Re: K-200B-2 reverb/tremblo
Posted by [chicagobill](#) on Sun, 18 Sep 2016 01:56:10 GMT
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The reverb control acts more like a balance control, CCW more clean signal less reverb signal, CW less clean signal more reverb signal. So if there is no reverb signal there, when you turn up the reverb control the clean signal will lessen.

First thing to check are the small wires inside the reverb tank that connect the coils to the RCA jacks.

Subject: Re: K-200B-2 reverb/tremblo
Posted by [slk854](#) on Sun, 18 Sep 2016 02:17:12 GMT
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Would that affect the tremolo too?

Steve

Subject: Re: K-200B-2 reverb/tremblo
Posted by [chicagobill](#) on Sun, 18 Sep 2016 02:30:51 GMT
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No, the vibrato would be a different problem.

When you turn up the Vibrato controls can you hear any thumping or rhythmic hissing through the speaker?

Subject: Re: K-200B-2 reverb/tremblo
Posted by [slk854](#) on Sun, 18 Sep 2016 02:50:54 GMT
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Bill you were right on with the reverb. Now do the green or black wires go closest to the spring on both sides. All 4 wires were off as you can see. The vibrato does make like a clicking sound.

Subject: Re: K-200B-2 reverb/tremblo
Posted by [chicagobill](#) on Sun, 18 Sep 2016 03:16:04 GMT
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If you have a soldering iron, you can reconnect the 4 wires to the terminals on the coils. Just be careful, as the nylon coil forms will melt if they get too hot and the coil can be damaged. Use a low wattage iron if you have one.

The polarity doesn't really matter much here, so just connect the wires the same way on each coil. So the black wire to the outer terminal on one coil and the black wire to the inner terminal on the other end.

Subject: Re: K-200B-2 reverb/tremblo
Posted by [steven](#) on Sun, 18 Sep 2016 10:44:44 GMT
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It looks to me like the reason those wires snapped off is due to the 4 springs not holding that inner coil / spring tray up off the case of the pan , as I see it sitting in contact with that case and it should not be.

A condition like that will keep snapping those wires off!!!!

Those 4 springs that should make that inner tray float may be shot , or just not in the right location holes in the case to make the tray float .

You also test can those coils with a ohm meter to prove that they are not open in the first place, as many times they go open , but with those type connectors that is a far smaller thing.

As Bill posted resolder them carefull as also you may unsolder the super fine wire that they are wound with when soldering those main leads back on.

Did that pan have a dark gray pressed paper glued on its top, as I do not know if those type of solder on coil terminals are original , that pan may not work with your amp even if the coils are good?

Each coil should ohm check in at between 175 and 190 ohms if that pan is to work with the amp.

Also a very important thing is when you remount the pan in the amp the end of the pan marked output needs to be on the side of the amp that the power transformer is not on, unless you want a

hum making monster when you turn the reverb level up.

In regards to your non working tremolo I have a k200 of my own that is doing that same thing, but mine has just a tad of tremolo when the control is on full and I can hear that the speed control is working normal.

I need to make the time to get back to trouble shooting mine now that Summer has ended .

Another issue with any pan sounding crappy is those coils themselves floating some on there iron cores.

If you get the pan working use gel type super glue to hold them tight to the core.

Subject: Re: K-200B-2 reverb/tremblo

Posted by [slk854](#) on Sun, 18 Sep 2016 13:25:33 GMT

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The pan does have that black or dark fiber paper over the top. In side the pan it says Gibbs. It looks identical to my other 200's. I will solder the wires carefully this morning and report back. I did check the pan floating. It is about a 1/4"+ off the bottom.

And thank you very much to Steve and Bill for all of the great help. Greatly appreciated

Steve

Subject: Re: K-200B-2 reverb/tremblo

Posted by [slk854](#) on Sun, 18 Sep 2016 15:08:02 GMT

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Ok I am reporting back. The reverb and tremblo are working now. I don't know?????????????Now one thing is I am getting some feed back/hum when the reverb is cranked up. That was only with one guitar. I may try one that I have p90's in to see if that goes away. Go figure on the tremblo, but it is strong. When I first tried it the amp was outside, and perhaps my ears are not as good as they once were.

UPDATE.....Changed guitars with one with p90's and the hum/feedback went away. I am a happy camper.

Thanks Bill & Steve

Steve
