
Subject: Krossroad 500 "pops" when powered off
Posted by [rodak](#) on Sat, 17 Sep 2022 17:22:00 GMT
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I've got this Krossroad 500 that I resurrected many years ago. When I got it, two of the power transistors were fried (one each from two different pairs), and the solder traces were pretty burned. I got it working again by just pulling out the other transistor in each pair and cleaning up the circuit board. It worked, and still works now, but lately it's taken to making a loud "pop" when I turn off the power. It's loud enough that I fear for the speakers' health. Of course, I have no schematics for the amp - do you guys have any suggestions about what the issue might be? I know the amp has a circuit that doesn't enable the speaker output until a couple of seconds after power-on, wondering if it's supposed to work in reverse at power-off, but isn't.

Also, comparing it side-by-side with my K200-2 with 3x12s, I've decided that I really don't care for the sound of the Krossroad, neither the amp nor the speakers. The 3x12 isn't even really a bass cabinet, but it sounds much better as a bass rig than the Krossroad, imho. It's beautiful green sparkle Naugahyde, but I'm thinking about selling it anyway. I've never really been thrilled with the sound, but I've only used it a few times since I bought it, something like 15 years ago, so I figured I just hadn't messed with it enough, but side by side with the K200, it just doesn't pass muster. I'd like to get that "pop" fixed first, though.

Subject: Re: Krossroad 500 "pops" when powered off
Posted by [steven](#) on Sun, 18 Sep 2022 12:12:46 GMT
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You need to replace the two big power supply main rail filter cans and maybe any other electrolytic type caps in the amp.

After just even replacing those main rail filters you will find it makes a far better bass amp!

The worst thing in the world you can do to these filters is just have the amp sit around unused!

That safety start up circuit can not work once the power is turned off, if it could, then yes you would not hear that power down pop.

Subject: Re: Krossroad 500 "pops" when powered off
Posted by [rodak](#) on Mon, 19 Sep 2022 00:31:10 GMT
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Thanks, Steve! I had replaced those filter caps back when I first got the amp, but I'm not sure the caps I bought off eBay were new or NOS. Even so, they're probably at least 15 years old by now.

I think what I need to do is set up all my amps enough so I can easily turn them on and play a bit every couple of months or so. Thanks for the advice.

Subject: Re: Krossroad 500 "pops" when powered off
Posted by [rodak](#) on Mon, 19 Sep 2022 00:36:31 GMT
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Turns out it's been 18 years since I repaired the 500:

http://www.vintagekustom.com/FUDforum/index.php?t=msg&th=769&rid=38&S=264633bf32f86dcdd195922125f056ed#msg_3_895

Subject: Re: Krossroad 500 "pops" when powered off
Posted by [steven](#) on Mon, 19 Sep 2022 09:40:21 GMT
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Leave it on for two days and see if the filters are able to re-form themselves.
It can't harm to try.

Subject: Re: Krossroad 500 "pops" when powered off
Posted by [rodak](#) on Mon, 19 Sep 2022 14:03:47 GMT
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well, worth a shot, I guess, thanks! Only problem is the fan noise might become annoying. Maybe I'll set it out in the garage ;)

Subject: Re: Krossroad 500 "pops" when powered off
Posted by [steven](#) on Mon, 19 Sep 2022 22:34:53 GMT
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Open it up and unpower the fan, it's not needed to just idle the amp anyway and will save the fan from hours of unneeded use.
