
Subject: Woodson 150-2 (Kustom Line of Amps)
Posted by [jammy5152](#) on Sun, 11 Oct 2020 13:04:38 GMT
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I understand that Woodson was part of the Kustom / Kasino line of amplifiers...Correct me if I am wrong....

I have a 60 cycle hum coming from the amp and I cannot find the schematic for this amplifier... It is a Woodson 150-2 and the circuit board number is PC5116 which is not listed on the website Vintage Kustom

I have been told that the hum problem could be a grounding issue or the possibility of capacitor problems....

It has 2 large blue can capacitors in it which I have not tested at this time...I know without a schematic for it, is guessing at the problem....It has a 33uf @ 10% / 100 volt cap soldered in at the Master volume Pot which looks to be damaged which I am going to replace..(someone turned the front nut to tighten up the pot and broke the end off ...still works though)

Any ideas or help would be helpful.....

Subject: Re: Woodson 150-2 (Kustom Line of Amps)
Posted by [chicagobill](#) on Sun, 11 Oct 2020 22:10:37 GMT
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I think the story that I heard was that Woodson was run by Bud Ross' brother-in-law. The basic build of the amps is very similar to the Kustom amps, but I don't think that there were any Kustom boards directly used in any Woodson amps.

If the hum is in fact 60 Hz, it could be as you said a bad filter cap or a grounding problem. You can try bridging another filter cap across each of the two main filter caps to see if the hum reduces.

You said if I understand it correctly, that there was a problem with a broken pot mount. The boards are grounded by the pot mounting hardware, so that may be a good place to look for a ground problem.

Subject: Re: Woodson 150-2 (Kustom Line of Amps)
Posted by [jammy5152](#) on Wed, 14 Oct 2020 01:49:35 GMT
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Thanks for your reply..

On the back of the volume pot, there is a capacitor that is soldered to a lug with one lead and the other lug is

grounded.....From what I see, the volume pot was loose so I took the amp out and saw that the end of the cap had broken off but still soldered on that lead...Someone had tightened it before because the numbers of the knob were misaligned...

I got it tightened up and I wonder too, ?? why a capacitor is soldered to the back of the volume pot
