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Subject: Woodson W150-2

Posted by [jammy5152](#) on Thu, 12 Mar 2020 20:50:35 GMT

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Anyone know where I can get a schematic for a Woodson W150-2 Guitar Amplifier?  
It was part of the Kustom Series along with Plush, Kasino, Kustom etc....  
I know that some of the circuit boards were used in different amplifier  
This amp was made 1970's

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Subject: Re: Woodson W150-2

Posted by [steven](#) on Fri, 13 Mar 2020 09:52:10 GMT

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What issues are you having with it?

PS, kustom electric's corp never made Plush amps, they where a totally different brand and mostly copy's of Fender tube amps, not solid state like Vinttage Kustom!

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Subject: Re: Woodson W150-2

Posted by [oren hudson](#) on Sat, 04 Apr 2020 03:30:34 GMT

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Subject: Re: Woodson W150-2

Posted by [oren hudson](#) on Sat, 04 Apr 2020 03:37:07 GMT

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I checked my Woodson file for schematics. Unfortunately, I don't have any. However, I discovered info following up a little more on what was mentioned about their heritage. There is somewhat of a Kuston connection. Thomas Woodson did the Woodson line. He is the brother-in-law of Bud Ross, our Kustom guy. 8)

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Subject: Re: Woodson W150-2

Posted by [jammy5152](#) on Tue, 19 Apr 2022 13:22:42 GMT

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Sorry, I just saw this question....

My Woodson has a hum coming from it that seems to lower in sound with the volume but you can still hear it..

I'm thinking that DC might be the problem

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This amp has dual rail power supply ...maybe positive / negative problem...

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Subject: Re: Woodson W150-2  
Posted by [stevem](#) on Tue, 19 Apr 2022 15:43:19 GMT  
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are there PC numbers on the boards in your Woodson?

If your reading a D.C. Voltage on the speaker jack then the output Transistors could have gone too far away from being matched , or values of the resistors that bias those Transistors may have drifted.

If your reading an AC voltage on the speaker jack then it's likely time for new power supply rail filters .

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Subject: Re: Woodson W150-2  
Posted by [jammy5152](#) on Tue, 19 Apr 2022 22:32:16 GMT  
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P.C. Board number PC5116..I'll check these voltages you mentioned...  
Thanks

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Subject: Re: Woodson W150-2  
Posted by [jammy5152](#) on Tue, 19 Apr 2022 22:42:55 GMT  
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You're correct..they did not make Plush and are connected to Earth Sound Research with Fender

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Subject: Re: Woodson W150-2  
Posted by [stevem](#) on Tue, 19 Apr 2022 23:43:15 GMT  
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I see that music parts.com list a schematic for a Woodson lead amp w2-12.  
I wonder if this is the same as your model.  
This schematic is listed as being off line which means you will have to email them to have them make a copy for you.

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Subject: Re: Woodson W150-2

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Posted by [jammy5152](#) on Wed, 20 Apr 2022 12:49:08 GMT

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stevem

They emailed me back and they don't have it...I have found family members who are Woodson kin and sent them an email concerning this...I hope they don't think I'm a stalker...

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Subject: Re: Woodson W150-2

Posted by [rodak](#) on Wed, 20 Apr 2022 14:17:18 GMT

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I think I've heard of Woodson, but never knew anything about them, so thanks for the info. Looked them up on eBay, and boy, they sure do look "Kustom-ish"!

As for Earth/Plush, they weren't related, except that Earth copied some of Plush's designs, then went on to copy Peavey's designs. Good article here goes into that:

<http://www.pedalhaven.com/history-earth-sound-research-amplifiers/>

Always nice to learn more about obscure amp history.

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Subject: Re: Woodson W150-2

Posted by [jammy5152](#) on Thu, 21 Apr 2022 15:39:10 GMT

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Thomas Woodson was the brother in law to Bud Ross

Due to lack of interest in i Kustom tuck and roll by other musicians , Ross decided to branch out with

other designs without tuck and roll material...

Woodson for one...that's why Woodson is similar to Kustom even with some PC board design but Kustom only went so far with PC Board numbers..That's why my PC board number is 5116...

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