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Subject: Need a schematic for an L795RV  
Posted by [chacuff](#) on Wed, 12 Jan 2005 00:26:47 GMT  
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Hey Folks,

I'm new here and to Kustom Amps. I do own a couple vintage Fenders and I'm a just starting out as a player. I'm mostly a 48 yr. old Technician. I picked up an L795RV setup. It is a 1967 model judging by the S/N. A frankie I have learned from reading on the web. It has the 2-15 JBL cabinet with the original JBL speakers intact. They seem to work fine..no dragging or buzzing. The amp works fairly well on the clean channel but has no volume on the reverb channel. I can tell that the reverb pan is working but the vibrato is not. It's clean on the inside with no components visibly burned or what not...

I need to locate a schematic for it so I can get started on getting it back in shape. I'd like to see it working properly again. I am not sure which amp was included in the 795 system...am I even close in guessing a K-200A-2.

Anyway if you could point me in the right direction I would appreciate it!

Thanks...

Cecil...

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Subject: Re: Need a schematic for an L795RV  
Posted by [steven](#) on Wed, 12 Jan 2005 13:35:31 GMT  
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Hi, I have a schematic that will work for that. mail me a self adressed stamped legal size envelope, and I will get you out a copy. steven magnotti p o box 1160 yorktown ny 10598.

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Subject: Re: Need a schematic for an L795RV  
Posted by [chicagobill](#) on Wed, 12 Jan 2005 16:50:29 GMT  
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Hi Cecil:

Welcome aboard! It won't be too long before you're as hooked on tuck and roll as the rest of us.

The Frankenstein heads are an entirely different design from the later 200's. A couple of the major differences are that the power amps use a transformer to drive the output transistors, and the vibrato (true-pitch shift) is controlled by a photocell and light bulb combo.

I have rebuilt a couple of my own 95RV's, and I will be glad to share any insight that I may have gained from my experiences.

Once again, welcome!

Bill

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Subject: Re: Need a schematic for an L795RV  
Posted by [chacuff](#) on Wed, 12 Jan 2005 20:35:30 GMT  
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Thanks Guys for your help! I will have a self addressed stamped envelope in the mail in a day or so. I will also probably have some questions as I go through this process so I'll thank you in advance for the help!

Cecil...

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Subject: Re: Need a schematic for an L795RV  
Posted by [stevem](#) on Thu, 13 Jan 2005 17:53:16 GMT  
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It sounds like you will need a way to inject a test audio signal into this channel from its output back to the front end, unless you get lucky, and just have the feed cable to the driver board come off like I did on one k200.

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Subject: Re: Need a schematic for an L795RV  
Posted by [chacuff](#) on Thu, 13 Jan 2005 19:19:17 GMT  
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Hey Steve,

I have a fairly well equipped shop with a Sound Technology audio analyzer that generates an audio signal and then will take the output of the amp and terminate it into a 4,8,or 16 ohm 250 watt load bank. I can then clip my O'scope on the output and see what the signal looks like. I can also step through the circuitry with the scope and find where I am loosing the signal. The analyzer can measure the RMS power output and the IM distortion, signal to noise ratio and all the neat stuff you would be interested in if you were repairing a stereo system amp. Should work great for the guitar amp. I'll let you know how it goes..

Cecil..

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Subject: Re: Need a schematic for an L795RV  
Posted by [stevem](#) on Fri, 14 Jan 2005 17:56:06 GMT  
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Have at it!!!

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Subject: Re: Need a schematic for an L795RV  
Posted by [Kustomgonewild](#) on Fri, 11 Feb 2005 08:32:01 GMT  
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I was wondering if chicagobill had a schematic for a L995 Frankenstein head and how I could have it arrive at my address. Also, I was curious about the ohm-age of the L995 because it pushes a 3/15 cabinet.

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Subject: Re: Need a schematic for an L795RV  
Posted by [stevem](#) on Fri, 11 Feb 2005 13:46:39 GMT  
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The 3-15 cabs are wired for 5.3 ohms (3-15s at 16 ohms in para). the amp can drive down to 4 ohms fine!

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Subject: Re: Need a schematic for an L795RV  
Posted by [chicagobill](#) on Fri, 11 Feb 2005 18:05:19 GMT  
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KGW:

I have the same schematic that Steven has been so nice to distribute. All of the "95" or Frankenstein heads use the same schematic, as the heads are all the same. Some came with no FX, the PA's came with reverb only, and the rest have reverb and vibrato. The reason for the different "model" numbers (595, 695, 995, etc.) was the list price of the amps including speakers. Check out the catalogs in the literature section and you'll see how it works.

If you e-mail me your address, I'll send a copy of the schematic, or if you send a SASE to Steven, I'm sure he'll send you one (see his Jan.12th post). Also, you can check the technical section and see if there is a copy available from the nice folks that bring us this great webboard.

Bill

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Subject: Re: Need a schematic for an L795RV  
Posted by [chacuff](#) on Fri, 11 Feb 2005 18:32:41 GMT  
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Bill,

Will you include me on that email of the schematic. Mines on the bench waiting and I could get started this weekend.

Thanks...

Cecil  
chacuff@cableone.net

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Subject: Re: Need a schematic for an L795RV  
Posted by [stevem](#) on Tue, 15 Feb 2005 13:23:40 GMT  
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I am sending you out the frakie schematic today.Hope it helps you.

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Subject: Re: Need a schematic for an L795RV  
Posted by [chacuff](#) on Tue, 15 Feb 2005 14:01:53 GMT  
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Thanks to both Steven and Bill for the help...It's much appreciated. I'll let you know how it goes. Any common failure items in these amps I should be aware of....blown input transistors, leaky caps. Of course I have found a leaky cap or two already but none that are causing the major symptoms I'm having. I expect to find a few bad transistors in the early stages but haven't gotten to that yet.

Thanks again guys...

Cecil..

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Subject: Re: Need a schematic for an L795RV  
Posted by [chicagobill](#) on Tue, 15 Feb 2005 19:58:08 GMT  
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Cecil:

The only common problem that I've seen with the 95 series heads, is that there is a high failure rate of one type of cap used on the driver/regulator board and the FX board. It is a 500 mfd. cap with a black molded plastic case, about 0.5 in. dia. and about 2 in. long. Most of them have dried out and opened up, or have dropped in value.

What are your amps problems?

Bill

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Subject: Re: Need a schematic for an L795RV  
Posted by [stevem](#) on Wed, 16 Feb 2005 13:48:59 GMT  
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I opened mine up last nite, and your right bill, in fact there are 2 of those type eletrolitic paper case caps in the amp. Back when these amps where made, their life span was 5 years, and between 5

to 10 years was great, so now they have to go! From looking at the detail notes on the schematic, model wise, 96000 was the standard bass or guitar head with no effects, 96001 is the guitar model with reverb and tremolo, and 96002 is the PA head with reverb. And they seemed to be picky about the grade of 2n3055 regulator and output transistors that got put in the amp. Makes sense, back then transistors rated for around 100 watts were new technology and they were not too well matched at times I guess.

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Subject: Re: Need a schematic for an L795RV  
Posted by [chicagobill](#) on Wed, 16 Feb 2005 19:51:20 GMT  
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Steven:  
As I recall, you own a 95 PA version head with just reverb, right? How are the input jacks on your amp wired? Are the two inputs for each channel wired in parallel or are there isolation resistors?  
Bill

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Subject: Re: Need a schematic for an L795RV  
Posted by [jerry](#) on Fri, 03 Mar 2006 03:33:52 GMT  
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Any chance someone could email me the L795RV schematic? FJAMods@aol.com I have one on the bench and could really use a schematic.  
Thanks!  
Jerry

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Subject: Re: Need a schematic for an L795RV  
Posted by [stevem](#) on Fri, 03 Mar 2006 12:43:07 GMT  
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I can fax you one if you let me know before 3 pm EST today, Friday 3/3. If not I can fax it next week.

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Subject: Re: Need a schematic for an L795RV  
Posted by [stevem](#) on Fri, 03 Mar 2006 12:49:46 GMT  
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I would plan on having at least one of the 500 mfd at 50 volt caps on hand when you get into it, and two of them if the amp has reverb. also 2 or three 2n3055 TO3 transistors, or the NTE130.

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Subject: Re: Need a schematic for an L795RV

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Posted by [scottyallen](#) on Mon, 31 Jul 2006 01:47:11 GMT

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Hello Steven: I am a friend of Deb Hart's "KustomBlues". Could you fax me a schematic for the L995 Bass Head? Just got it and it has a LOUD Buzz... Scotty Allen

fax 662-494-5402

email: [allenscotty@hotmail.com](mailto:allenscotty@hotmail.com)

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