
Subject: need reverb tank advice

Posted by [vintagefan](#) on Tue, 08 Jul 2014 21:33:56 GMT

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By any chance will the reverb tank in a 1970's Kustom Lead II work and match up in a 1969 Kustom K100C-8 4x10? I don't know what ohms either amp's reverb tank is.....thanks.

Subject: Re: need reverb tank advice

Posted by [pleat](#) on Tue, 08 Jul 2014 21:50:59 GMT

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The older Kustom plexi face amps used a reverb tank of 185 to 200 ohms on both input and output. The later slant metal face amps used 25 ohm and 200 ohm but I can't remember which was the input.

If the tolex covered amps in the mid 70's, not sure if those models used the same tank as the slant face amps.

pleat

Subject: Re: need reverb tank advice

Posted by [chicagobill](#) on Wed, 09 Jul 2014 06:41:50 GMT

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The input was 25 ohms the output was 200. Because they used opamp chip drivers I think that the tolex amps used the same tank as the slant face.

Subject: Re: need reverb tank advice

Posted by [stevem](#) on Wed, 09 Jul 2014 12:34:41 GMT

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Bill, I have the slant face reverb pans as being 57 ohms on the input side with no ground to the pans case, and the output side reading 185 ohms with the case at ground.

This would be replacement wise for starters, a type 4 pan (2 long springs) and a type E on the input side, and a type B on the output side.

This was taken years ago with a test meter that I do not have any more, so I will double check this latter with mu current meter, and re-post my findings.

Subject: Re: need reverb tank advice

Posted by [vintagefan](#) on Wed, 09 Jul 2014 14:35:42 GMT

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The reason I'm asking about this reverb tank is I am stocking up on a couple original parts for my 1969 K100C-8 4x10 amps so i can keep the original tone and sound. After market tanks are muddier with less treble. Scott Fletcher at Morley did rebuild one of my original tanks and made it sound exactly as the originals. Here's the tank I was asking about on Fleabay:

<http://m.ebay.com/itm/351110196763?nav=SEARCH>

The seller doesn't know it 's ohms or how to measure the ohms.

Subject: Re: need reverb tank advice

Posted by [chicagobill](#) on Wed, 09 Jul 2014 15:10:56 GMT

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Steve I didn't look up the numbers, I just went with what Pleat had posted. All of the Kustom tanks will have 180-200 ohm output transducers, while the input coils will vary from model to model. The earlier amps with the transistor drive circuit had grounded input and output jacks, while the opamp driven ones had the input jack floating.

Vintagefan, if you still don't like the sound of the new tanks, I suppose you could just buy a dead tank and have the guy at Morley rebuild it to your specs. Sometimes I see broken tanks on eBay go pretty cheaply. Or call any local repair shops and see if they have any old tanks that they will sell for scrap and have it rebuilt.

Subject: Re: need reverb tank advice

Posted by [vintagefan](#) on Wed, 09 Jul 2014 15:33:04 GMT

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Thanks Chicagobill.....I did find one new Accutronics tank that was less bassy. As far as Scott Fletcher rebuilding more tanks to sound the same, it may be a matter of how long his box of original parts holds out. To rebuild my original tank to sound the exact same treble sound, he said he had to install a part left over from the exact run of parts made in the late 60's. From what I gather, when they 're gone, that's it for the precise sound. Seems like he said something like a transducer. Also, I think I got a low price for rebuild on his original \$35 quote. But when I got the tank back, he said it turned out to be more labor intensive than he originally thought because he had to install one of the original late 60's parts. Evidently he has a stash of some original parts made in the 60's.

About buying old tanks on Ebay, so far sellers I contact can't tell me what ohms they are. And there are no tech's in Dallas that I've found that even have experience working on Kustoms, much less have any old broke Kustom stuff. With the exception of a tech named Dave Smith at The Guitar Shop in Richardson who has worked on Kustoms since the late 60's. He did a magnificent job bringing 2 of my Kustom K100's back to a clean quiet sound, removing the pc boards to clean where I couldn't get to, installing 3 prong cords, and replaced a couple transistors. I never would of thought these Kustoms would quiten down so much..... Still working on my 3rd K100 to quiten it down.

Subject: Re: need reverb tank advice
Posted by [stevem](#) on Thu, 10 Jul 2014 12:47:53 GMT
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Can you post a picture of the speaker, a rear shot?

Subject: Re: need reverb tank advice
Posted by [vintagefan](#) on Thu, 10 Jul 2014 13:56:54 GMT
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Here are 3 pics of the reconed speaker....the cone is thicker than the original.

http://s1299.photobucket.com/user/stevethedjthedj/media/Mobile%20Uploads/image_zps3fe762e5.jpg.html

http://s1299.photobucket.com/user/stevethedjthedj/media/Mobile%20Uploads/image_zpsecef190e.jpg.html

http://s1299.photobucket.com/user/stevethedjthedj/media/Mobile%20Uploads/image_zps97101373.jpg.html
