
Subject: reconed speaker - not same tone
Posted by [vintagefan](#) on Wed, 09 Jul 2014 14:51:43 GMT
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Anyone have this same scenario? I had an original Eminence 10" 8 ohm speaker quit working in one of my Kustom K100C-8 4x10's..... My tech here in Dallas had it reconed. But the reconed speaker doesn't sound exactly the same as originally. It is slightly bassier, muddier. The speaker looks the same as before with the aluminum center cap, but the cone is a little heavier material. Thumping on it with my finger it even sounds thicker and bassier than the sound I hear when thumping on one of the other original speakers. And the original's have thinner material.

So I installed a spare original Eminence speaker and the original treble tone is back now.

Now, I need to add that I use my amps in my tv room/studio and only turn them up to say 3 or 4 on a scale of 1 to 10. So I hear every slight tone in these amps. The reason I switched to vintage Kustoms is I can get good treble tone at a low volume. So the slightly bassier muddier reconed speaker would probably be fine for someone who cranks the amp up louder.

Subject: Re: reconed speaker - not same tone
Posted by [Kustom_Bart](#) on Wed, 09 Jul 2014 15:54:30 GMT
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It is going to take a while to break it in and get it back to sounding like it did. You have to remember that all of the parts are new and stiff and the old stuff was worn in and moved very easily. It is common for new speakers to need a good break in period. They get sweeter with time.

Subject: Re: reconed speaker - not same tone
Posted by [vintagefan](#) on Wed, 09 Jul 2014 16:16:44 GMT
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As far as treble goes, my experience with speakers treble sound is right the opposite Kustom Bart.....I've had a half dozen new Fenders and 2 new Line 6's. When new, and to my ear, they all had a tighter sound with more treble. After a year when the speakers loosened up, they all sounded a little bassier. The Line 6 2x10 retained it's closest original tighter treble sound tho than the same Line 6 with 2x12's.....Of course with Line 6 you can dial in more than enough treble. I kept them and sold the muddy Fenders.....I find I like the 60's analog sound of the Kustoms over the digital amps of today.

Subject: Re: reconed speaker - not same tone
Posted by [stevem](#) on Wed, 09 Jul 2014 19:52:52 GMT
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The thicker cone is the reason for the difference in treble and the reconer should have made you aware of that before going a head with the work.

As a speaker gets used and broken in it will have bass and mids with less wattage bring put in due to the cone moving more air.

Subject: Re: reconed speaker - not same tone
Posted by [vintagefan](#) on Wed, 09 Jul 2014 20:07:55 GMT
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Thanks Steve M..... What you describe is how all new amp's sound is I've heard; more treble when the speakers and amp are new--- more bass as they break in and get older; but not drastically different, and probably would only be noticed by players who play clean with no distortion The tech did not advise me of any options the reconer may of had to recone the speaker with lighter material. No big deal tho as the recone job was only \$50. But in the future I'll just buy an original speaker on Fleabay.

Subject: Re: reconed speaker - not same tone
Posted by [stevem](#) on Fri, 11 Jul 2014 10:34:31 GMT
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If it's a Alinco horse shoe magnet type driver I have used a new Jensen P10P driver and. I cut off the original cover and glue on a Aluminum voice coil cover that I get from a reconer, or very carefully cut off t he original and using that again.
The thin split cone that the Jensen has is the tone you are after..

Subject: Re: reconed speaker - not same tone
Posted by [vintagefan](#) on Fri, 11 Jul 2014 11:46:07 GMT
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Hey Stevem....here 's a picture of the reconed speaker. Is this a horse show magnet?.....thanks.

http://i1299.photobucket.com/albums/ag64/stevethedjthedj/Mobile%20Uploads/image_zpsecef190e.jpg

http://i1299.photobucket.com/albums/ag64/stevethedjthedj/Mobile%20Uploads/image_zps3fe762e5.jpg

http://i1299.photobucket.com/albums/ag64/stevethedjthedj/Mobile%20Uploads/image_zps97101373.jpg

Subject: Re: reconed speaker - not same tone
Posted by [stevem](#) on Fri, 11 Jul 2014 14:35:01 GMT
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Yes it is, a very big Alinco type horse shoe magnet!

Subject: Re: reconed speaker - not same tone
Posted by [chicagobill](#) on Fri, 11 Jul 2014 15:47:17 GMT
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Well, sorta. The Alnico slug is in the middle of the horseshoe. The horseshoe itself is just steel to increase the magnetic field and to protect the brittle Alnico magnet.

Subject: Re: reconed speaker - not same tone
Posted by [stevem](#) on Fri, 11 Jul 2014 17:28:19 GMT
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Yup, it likely only a 1 or 1 1/4" voice coil slug!
