
Subject: repair or buy new

Posted by [Iowa Boy](#) on Mon, 18 Aug 2014 04:53:14 GMT

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Tired of looking at non-working 595 cabinets. All eight speakers are blown, diaphragms are torn. Parts Express wants \$55 each to re-cone them. I can buy new Eminence for \$45. Thought about maybe trying to repair them myself. Question is, are these speakers even worth repairing or will the Eminence speakers be better replacements? If worth fixing, what kit do you recommend using?

I did find some Dayton speakers in Parts that are rated at 250 RMS, 70-9000 Hz, and only \$40. Spec wise, these appear to be better than the Eminence ones. Any idea of the ratings on these CTS speakers. Pretty sure they are no where even close to this, but was wanting a comparison. Thanks as always.

Subject: Re: repair or buy new

Posted by [stevem](#) on Mon, 18 Aug 2014 11:08:15 GMT

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When you have to pay for shipping to and from for a re cone on six drivers I cant see the logic to that unless you where just a true collector and needed everything to be factory!

The Eminence Delta driver that I posted to you about in another string is what I would get to replace your drivers with.

These drivers have a much higher SPL rating than the stock CTS driver to the point that you will almost hear a twice the volume of stock in your face!

Subject: Re: repair or buy new

Posted by [Iowa Boy](#) on Mon, 18 Aug 2014 16:04:25 GMT

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I looked at the Celestion speakers you suggested. Price is good but wattage is very low and these Daytons have a lot more wattage and frequency response. So for only \$11 difference, wouldn't they be the better deal and they come with a 5 year warranty to boot?

After re-reading that thread, the amp I have is a 200 energizer and not a 100. I'm guessing that the 595 cabinets were made for the 100 energizer as well. Wouldn't I be better off going with higher wattage speakers since they will be ran thru a bigger amp?

Again primary purpose for this system will be monitors and practice PA.

So why did Kustom us 16 ohm speakers wired in series/parallel in these cabinets? At best, with two cabinets the total load on the amp would have been 8 ohms. Only about 65 watts would have been usable.....correct? Would have made more sense to have used 8 ohm speakers and getting the load down to 4 with 2 cabinets and getting the most wattage. Just wondering what the reasoning behind this was.

Subject: Re: repair or buy new
Posted by [chicagobill](#) on Mon, 18 Aug 2014 16:39:59 GMT
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Reconing is very expensive now due to the skill and labor involved, so in a lot of cases it is cheaper and better to just replace the speakers. In your case, no one will really care if the speakers have been changed.

As for the 16 ohm question, you answered it yourself. With the 16 ohm wiring you could run two of these cabs safely with either K100 or K200 head. This makes things much simpler for Kustom and for dealers by not having to have double the number of cabinets to inventory.

If the speaker cones are torn, but the speakers still work, you can try and fix the tears. Finding recone kits may be difficult. You may have to buy separate parts from a place like Weber to make up your own kit.

Subject: Re: repair or buy new
Posted by [Iowa Boy](#) on Mon, 18 Aug 2014 17:54:43 GMT
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The speakers are shredded and would have to be totally rebuilt. Will list them on ebay and see if there are any takers.

Question still hasn't been answered as to what anyone thinks about the Dayton speakers.....wattage, Hz compared to Eminence. Seems to be a better choice.....just need some thoughts from the experts on this.

Still haven't heard back on wiring of my 15's. Thanks

Subject: Re: repair or buy new
Posted by [stevem](#) on Mon, 18 Aug 2014 18:08:32 GMT
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What model Dayton driver and is it a cast frame or steel frame driver?

Subject: Re: repair or buy new
Posted by [Iowa Boy](#) on Mon, 18 Aug 2014 19:02:24 GMT
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Part number 295-025.....page 215 of current catalog of Parts Express.

Spec's say carbon fiber impregnated paper cone, bumper back plate, vented pole piece/vented voice coil gap improve thermal management, high Xmax provides deep, clean bass. 250 watts rms/600 program is pretty impressive to me especially in an 8 inch speaker.

Subject: Re: repair or buy new
Posted by [Iowa Boy](#) on Fri, 22 Aug 2014 21:00:42 GMT
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Will 2 inch bass ports installed in my 595 cabinets improve the sound quality? Parts Express has some that would look nice I think if chromed. New speakers are open in back so was wondering. Thanks.

Subject: Re: repair or buy new
Posted by [stevem](#) on Sat, 23 Aug 2014 10:42:53 GMT
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Yes, that would be a great pick for replacement speakers and adding ports would give more bottom end, but I would install the ports in the back of the cabinet and may be even make new backs for the cabinets if the covering is good so you don't mangle them up as there are not many of those early PA cabinets left out there that I have seen!

Subject: Re: repair or buy new
Posted by [Iowa Boy](#) on Sat, 23 Aug 2014 16:43:07 GMT
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Thanks for the advice. Thought ports would look cool in front but now guessing they would not be in proportion to rest of the cabinet. Thinking now of going with (4) 2 inch ports with screens set between each set of speakers in the back like you suggested. Two bad no one has the oval ports that were used in the 795 cabinets available.

Found a guy here locally who does T & R for cars and boats and is willing to try doing these cabinets....claims he can get the same material that is listed on Garys' website but at half the cost. Thinking of going charcoal since that is the color of the amp heads I am going to be using. Black just doesn't stand out of the crowd. I built cabinets for my two Altec H811 horns so will have him do those first and see how they come out before investing further in these cabinets.

Decided to also install a set of casters as well. Just the plain swivel type and not the hooded ones.....cabinets not that heavy but heavy enough that wheels will be handy. Ought to keep the new material from getting tore up as well.

Girlfriend has agreed to make covers for all of my equipment.....God love her! Using black vinyl since its cheap and readily available. Now if I could just come up with a Kustom logo to put on them and not get sued. lol

Thanks for all your help.

Another Kustom rises from the ashes to play again.....better, stronger, louder.....
