
Subject: I have an 18 inch Kustom folded Horn
Posted by [Nighthtrain1127](#) on Sun, 05 Dec 2004 23:55:06 GMT
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I need to know what to use to replace this driver it is so rotted it is not even funny. I am going to rewire the inside of the cab. And will probably put in a 4 ohm 18" speaker if I can find one. Any suggestions?

Subject: Re: I have an 18 inch Kustom folded Horn
Posted by [voided3](#) on Mon, 06 Dec 2004 01:58:46 GMT
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Hello. Nice cabinet, those are fairly hard to come by. First, I'd recommend selling the original CTS speaker on ebay to help fund the project; those speakers in 18" sizes are extremely rare, so even one that needs a re-cone would be considered by someone. Secondly, there are a few brands of speakers to consider. Carvin, Madison, and Eminence sell 18" replacement speakers (there are probably more, but these are what I can think of right now). Eminence's Omega pro 18" is available in 4 ohms and can take 800 watts. Steelsound.com sells a variety of 18" speakers by Madison from 400- 750 watt handling, but they are only available in 8 ohm I believe. Carvin sells some 18" made by Eminence (i think) that are also available in 4 ohms. Re-wiring the inside of a cabinet with a single speaker is a piece of cake. Just connect positive on the speaker to the tip on the 1/4" jack and negative on the speaker to the sleeve on the jack. The gauge of wire to use is simply a matter of how much wattage you plan to use. Kustom cabs originally came with only 18 gauge in them, but the amps sold with the 18" folded horn were about 125 RMS, 250 peak, so that worked just fine. If you get a massive speaker in there and use a large amp (or not, I use 12 gauge speaker cables for everything practically), I'd wire the inside of the cabinet using 16 or 14 gauge, maybe even 12 if you are using an enormous amp. Good luck!

P.S.- after finishing this cabinet, your house may implode from the sound pressure level, so you might want to put on a helmet

Subject: Re: I have an 18 inch Kustom folded Horn
Posted by [stevem](#) on Thu, 16 Dec 2004 18:02:58 GMT
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Do not toss out that original CTS 18, its worth bucks once reconed! What ever replacement 18 you get make sure it is for a horn type cab set up.

Subject: Re: I have an 18 inch Kustom folded Horn
Posted by [voided3](#) on Fri, 17 Dec 2004 01:46:17 GMT
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Hello. I wasn't aware that they made speakers specifically designed for folded horns, what's the difference? My friend's dad has a pair of home made 1x15 Altec style (think of the Voice of the

Theater cabs, painted black and no high freq. horn) reflex cabs that have regular E/V SRO 15" 8 ohm speakers in them, and they can blow down a house. Do you just mean to make sure that the magnet won't protrude too far and risk touching the sides? Thanks!

Subject: Re: I have an 18 inch Kustom folded Horn
Posted by [stevem](#) on Fri, 17 Dec 2004 13:59:18 GMT

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You need a speaker that will work in that size folded horn cab, of the 5 different brands I looked at, only the selenium model, that is in the parts express catalog as number 264-430 will work right and have the frequency range close to your original CTS 18". Plus its only 164 bucks, not over 200 to 350 like all the others

Subject: Re: I have an 18 inch Kustom folded Horn
Posted by [KustomBlues](#) on Mon, 20 Dec 2004 01:41:01 GMT

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If anyone is looking for a pair of these folded 18's, drop me an email. We have 2 here in black, and they thump!!! A trip to Michigan, and they can be yours for a decent price. Put KUSTOM in the subject line of your email. Deb debraehart@hotmail.com

Subject: Re: I have an 18 inch Kustom folded Horn
Posted by [stevem](#) on Wed, 22 Dec 2004 13:56:08 GMT

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If you look at the specs for a given speaker, they will have one headed Vas. This is the needed cab size in cubic ft that is needed for the speaker to meet it stated manufactures specs. with most speakers this size can be made smaller by 30% with out hindering the speaker to much, but it will not go down to its stated low end frequency. Altec VOTT cabs are a combo horn and vented style cab, and work great for medium throw apps.
