
Subject: Speaker removal w/o damage

Posted by [kustomoholic](#) on Sat, 02 Sep 2017 22:34:51 GMT

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I have 2 Altec 418 bins 2-15's that I want to remove the 418's and replace with a 421A and a siren thru a crossover. Problem is that the 418's are stuck literally to the cabinet with all the nuts and washers off.. I can literally pick up the cab by the speaker frames and they don't wanna budge. I'd like to get them off without damage. Anyone else run into this??? Any suggestions????

Craig

Subject: Re: Speaker removal w/o damage

Posted by [stevem](#) on Sun, 03 Sep 2017 10:17:58 GMT

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Just yesterday I loaded two re-coned speakers into a twin reverb and I had to beat them over the mounting studs as these drivers where not original and the stud spacing was a fraction off.

This is likely the way those 15" drivers had to loaded into the cab at the factory!

Make yourself two short hard wood wedges and tap them under opposite sides of the drivers little to rock the drivers up little and remove them.

If this fails report back as there are two other more difficult ways to get them out.

If you do get them out sit them mounting flange to mounting flange on the 421s you want to load in and line up the mounting holes, if the holes look the same then take the time to drill out the 421 holes a tad bigger.

Subject: Re: Speaker removal w/o damage

Posted by [kustomoholic](#) on Sun, 03 Sep 2017 14:54:01 GMT

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I have the 2 horns that were like what you describe and am going to do that when I mount them in this cabinet. The Altecs Ive installed have never had stud clearance difficulty in my experience and I see no evidence of that looking down the center axis. I think the speaker baffle got painted and may dry to touch but not cured and may have caused the gasket and baffle to bond together. I may be disassembling the cab to get easy access to the gasket at best angles to prevent damage to gasket. Will keep posted...

Subject: Re: Speaker removal w/o damage

Posted by [kustomoholic](#) on Sun, 03 Sep 2017 18:39:23 GMT

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Here's the solution.....keep at least 4 speaker nuts about 1/4 to 3/8 inch from speaker frame. This is about even with the bevel on mounting stud every other stud will suffice. With both cab on sides

push em over & let fall on back on carpet. Could hear them break free. Took 5 minutes to do both cabs and I kick myself for initially nixing this but all is well with the world now...

Craig

Subject: Re: Speaker removal w/o damage
Posted by [stevem](#) on Mon, 04 Sep 2017 10:08:21 GMT
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Good to hear!

Subject: Re: Speaker removal w/o damage
Posted by [kustomoholic](#) on Tue, 05 Sep 2017 14:32:52 GMT
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The 2 cabinets have the 421's and horns are installed now. I'm wiring it up tonight. Cabs had an aftermarket 3 way crossover installed and 2 jacks for mids and highs opposite input at bottom and jacks on top. I have ordered some l-pads for each cab and will send lows and mids to the 421A's and highs to the 15" horn. The pads will be added when they arrive to the horn circuit to the jackplate and a will make the other 1/4" jack a 2nd mains output for an additional cab. Will have 4 418's 16 ohm available soo.... Any offers for the 4 418's???

Subject: Re: Speaker removal w/o damage
Posted by [kustomoholic](#) on Tue, 26 Sep 2017 14:38:33 GMT
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Update on project... Ended up removing the crossover and returning to just a simple cap crossover with the l pad tweeter volume adjustment. Sounds good with my vocals. Practice is tomorrow and can't wait to hear with full vocals of the group!!! Don't know what the issue is with the crossover but would not work with my intention of combining the lows and mids via the crossover. Turned out more of a project than originally anticipated but it's working now as intended which is all that really matters. Will have the 4 418's ready to sell in a few days. if anyone is interested in acquiring these great speakers just private message me. Will also be listed in for sale. Thanks!!

Craig

Subject: Re: Speaker removal w/o damage
Posted by [stevem](#) on Tue, 26 Sep 2017 15:01:21 GMT
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If it's not a dedicated crossover cap make sure it's rated for 100 volts D.C. As then it's AC signal

rating will be at least 50 volts.

Subject: Re: Speaker removal w/o damage

Posted by [kustomoholic](#) on Thu, 28 Sep 2017 19:05:42 GMT

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The caps I bought for it are all rated at 100 volts. I picked 3 values to try out. 2.7uf, 4.7 and 10's.
Using the 10's for now.

Craig
