
Subject: Rubber Ball Brace

Posted by [Wayne Parham](#) on Wed, 27 Apr 2005 17:56:39 GMT

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cabinet, here's a neat trick you'll want to do. Get a tennis ball or similarly sized rubber ball and cut it in half. You can actually find a wall protector at hardware stores that works perfectly. That's what is shown below. It is used as a door stop to protect the wall from a doorknob going through the sheetrock. Anyway, take two hemispheres and put them on either side of the magnet vent hole before fastening down your access panel. It will act as a brace for the panel. I always hated access panels because they are prone to vibration. Any panel large enough to fit a 10" or 12" speaker through is large enough to vibrate. I don't care how rigid the rest of the cabinet is, and it doesn't matter if the panel is very solid, it always seems to be a trouble spot because you can't put a fixed brace in place. I put wedge shaped braces on each of the four sides of the horn flare, so it and the cabinet surrounding it are solid as a rock. But without these rubber braces, the access panel wouldn't have any other mechanism to brace it. Put these in there and squish them down when you tighten the panel and viola! - The panel is preloaded and well braced. It will make that back panel as solid as the rest of the cabinet. You'll really hear the difference in the low keys of the piano, so do this step for sure.

Subject: Great vibration reduction trick!

Posted by [spkrman57](#) on Wed, 27 Apr 2005 18:51:56 GMT

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I have seen some folks use inflatable items and leave the valve stem accessible to the exterior and keep the pressure up to level to pressurize the back panel. Ron

Subject: Re: "Turn your head to the side and....."

Posted by [BillEpstein](#) on Wed, 27 Apr 2005 20:07:32 GMT

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.....cough".

Subject: Re: "Turn your head to the side and....."

Posted by [Wayne Parham](#) on Wed, 27 Apr 2005 20:43:19 GMT

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Subject: Re: Great vibration reduction trick!
Posted by [Wayne Parham](#) on Wed, 27 Apr 2005 20:45:31 GMT
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That's pretty good. These are pretty simple - There's just a little space, so you just squish the rubber.

Subject: Re: Rubber Ball Brace
Posted by [Russellc](#) on Wed, 27 Apr 2005 22:48:44 GMT
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My A7s have such a panel, the whole back removes (828 cab) I deaden it thusly: My a7s are in the corners, and the corner void behind the speaker is stuffed with pillows. also makes a first rate cat bed also. Obviously this wouldn't work for the corner Pi horns but my help in cases where square box speakers are in corner positions. Regards, Russellc

Subject: Re: Rubber Ball Brace
Posted by [Wayne Parham](#) on Wed, 27 Apr 2005 22:51:57 GMT
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Now that's cool. Cats dig speakers almost as much as audiophiles do, so you have a dual-purpose deal there.

Subject: Re: Rubber Ball Brace
Posted by [Adrian Mack](#) on Thu, 28 Apr 2005 00:00:55 GMT
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Pretty cool, Wayne! Looks like the perfect thing for the 7PI and 8PI with a chamber that small.

Subject: Re: Rubber Ball Brace
Posted by [Russellc](#) on Thu, 28 Apr 2005 12:45:30 GMT
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Fortunately, they ignore the cones now. when they were new, one cat stared at the cone of a 515 8G, looked at me and pounced! scratch one driver cone. Oh well, great plaines fixed it up.russellc

Subject: Re: Rubber Ball Brace
Posted by [GarMan](#) on Thu, 28 Apr 2005 18:26:37 GMT
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Adrian, it's been ages! How have you been keeping. Did you ever get your three-ways veneered like you wanted?

Subject: Re: Rubber Ball Brace
Posted by [Adrian Mack](#) on Fri, 29 Apr 2005 13:28:06 GMT
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Hey GarManI've been keeping okay, just been real busy with life at the moment. I'm going to try posting here more often again. The three ways are veneered, but still no nice oil finish on 'em yet I did end up veneering the midhorns in jarrah though, so the whole things waiting for a coat of finish but they are up and running at least. Adrian
