Subject: Dried Bug in My Horn
Posted by Dean Kukral on Fri, 23 Jan 2004 14:01:57 GMT
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I have a Klipsch Cornwall that I use as a side speaker in a five channel setup. I was "playing" with it, using a signal generator to see its response - just out of curiosity. I noticed a terrible vibration and even beats between 55Hz and 70Hz. Also smaller buzzes at other frequencies, depending on the volume. These noises had not been apparent before. (I have not used these speakers a whole lot recently.)My first thought was, "Oh ****, my horn has gone bad!" But, looking at it, I saw that a foreign object was deep in the throat of the midrange horn, right up by the phase plug. Using a long knife, I carefully extracted the bug, which was dried and brittle. Now, there is only a small buzz which appears at higher volumes, say, 90dB or so. Probably a little leg or wing sitting on the edge of the driver.I don't really notice this. Should I leave well enough alone?It is easy to get at the driver, because the rear of the speaker is screwed in. I have not looked to see how the driver is connected to the flare, but I wonder if I disassemble the driver from the flare, will I be breaking a seal, risking getting the bug limb deeper into the driver, or some other thing better not done? Suggestions?Feel free to chuckle.

Subject: rattley bugs
Posted by Mike.e on Fri, 23 Jan 2004 14:52:06 GMT
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Lolthe worst ive heard of is-some one put a piece of gum in a labhorn (27hz pro horn) and when the owner was going to attempt removing it a week later-the gum was STILL soft! the SPL kept it from setting i guess:-)

Subject: Re: Dried Bug in My Horn
Posted by hurdy_gurdyman on Fri, 23 Jan 2004 19:10:43 GMT
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I had audible buzzing in my Heresy horns recently (I bought them used this summer). I took the mid horns apart and discoverd some grainy black powdery crystals, kind of like coal dust. Disassembled and cleaned them out and they've been playing great since!Dave :^)

Subject: Re: Dried Bug in My Horn
Posted by Wayne Parham on Sat, 24 Jan 2004 09:11:42 GMT
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Oh, man, what a deal! I couldn't help but laugh, but I know it can be frustrating. And if you take something apart and have it go badly, it can be really disappointing too. So pardon my laughter, and I hope you get that solved. But man that's funny!Take them apart and clean out the bug parts. Of course, be careful, but you can probably brush away the big chunks pretty easily. Then you might gently vacuum any smaller debris that has fallen in behind the phase plug and between that and the diaphragm. Be careful not to put a sealed vacuum against something that would bring full vacuum pressure on the diaphragm. Let it be "leaky" rather than sealed to the throat. You could rip the diaphragm if your vacuum were strong enough and you sealed it tightly to the throat.I guess that was really buggin' you, huh?You had some bugs in your system to work out.Really buggers up the music when you're playin' it loud, huh?OK, ok. I'll stop.

Subject: Re: Dried Bug in My Horn - Thanks to Everyone
Posted by Dean Kukral on Sat, 24 Jan 2004 12:30:32 GMT
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Wayne, get a grip! I said you could chuckle, but I didn't ask for you to bugin a long series of puns!Thanks to everyone for their suggestions. I think vacuuming it is a good idea that had not occurred to me. I kept having to resist the idea to use compressed air.
