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Subject: Re: 12pi bass horn plans

Posted by [Wayne Parham](#) on Fri, 11 Feb 2022 15:42:30 GMT

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You've got mail!

As for machining the center pole, my suggestion is to purchase blown drivers and then recone them after the machining operations. That definitely works best, because you have access to the gap and can clean it out before installing the voice coil and cone.

When I made the first prototypes, I thought I could capture the metal filings with the magnet. That it does, but since the gap has the greatest intensity, that's where most of the filings are captured. :lol:

So I did as I'm describing to you - machining an empty basket and then reconing it. After that, I began to have OEM runs made of the drivers, where the center pole was machined at the factory prior to installing the cone and final assembly. Either way is fine - machining new parts prior to final assembly or starting with bare baskets from blown drivers and reconing them afterwards - but trying to keep the shavings out of the gap with the voice coil installed just really doesn't work.

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