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Subject: 4 Pi baffle cutout question

Posted by [GarlandGarland](#) on Wed, 17 Dec 2008 20:13:58 GMT

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I noticed on the Eminence website where they specify a cut out dimension for the H290 horn of 10.3 inches by 4.9 inches, Yet, the 4 Pi baffle cut out document calls for 9.5 inches by 4.75 inches. Is there an error somewhere? Like maybe in my reading! Thanks.G.

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Subject: Re: 4 Pi baffle cutout question

Posted by [Wayne Parham](#) on Wed, 17 Dec 2008 20:48:05 GMT

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The lip on those H290's is so thin, you want as much meat as possible, especially if you route them flush. In fact, we put a half baffle behind the sections that are routed. Anyway, my point is I like to make that cutout as small as possible, which is why the plans show a slightly smaller cutout area.

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Subject: Re: 4 Pi baffle cutout question

Posted by [Matts\\_](#) on Wed, 17 Dec 2008 21:01:02 GMT

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I've used Wayne's dimensions- works fine. I just put the horn lips on the outside and haven't routed or inset it. Plenty of room for t-nuts inside.

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Subject: Re: 4 Pi baffle cutout question

Posted by [Wayne Parham](#) on Wed, 17 Dec 2008 22:14:58 GMT

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The cutout Eminence suggests is too large. We did a few with the Eminence suggested hole size way back when, and it barely left enough edge to put mounting holes through. So I measured the horn and came up with dimensions that would allow flush fit but still had a maximum size lip. It's 9-1/2" x 4-3/4". Eminence should probably update their spec sheet to use this figure, because 10.3 x 4.9 is neither convenient nor useful. It's too big.

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Subject: Re: 4 Pi baffle cutout question  
Posted by [reguax](#) on Thu, 18 Dec 2008 16:52:59 GMT  
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Regarding Horn assembly, I'm worried about driver weightI just received a pair of PSD2002 and they are heavy!Is the Horn the only place where the drivers are attached?Thanks!

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Subject: Re: 4 Pi baffle cutout question  
Posted by [Wayne Parham](#) on Thu, 18 Dec 2008 17:07:13 GMT  
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The horn is strong enough to support the compression driver with no problems at all.

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