
Subject: Quick question about midhorn kit assembly
Posted by [Infrasonic](#) on Fri, 23 Aug 2013 23:45:37 GMT

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Hi Wayne! I finally got around to constructing the trio of midhorns I ordered earlier in the year. I had one quick question before I enclose the horn into a sealed enclosure....

I ordered a triple set of 10" gasket rings thinking I would need them for the driver mounting 'plate' however I noticed (or remembered) that the Delta 10 has it's own gasket on the front for such mounting. Now that I got the gaskets I think I really wouldn't need to use them unless I was using a 10" that didn't have such a gasket on the front.

Do you think I should use these extra set of gaskets?

Essentially it would just raise the driver 1/4" and put a 1/4" more cavity space where the cone transitions through the 4.5" throat. Does this make sense to you the way I am describing it, Wayne? To me it seems like it would be a benefit to not use the gasket I ordered and just mount the Delta 10 the way it is. Seems like there would be less likelihood of any leaks in the 'compression chamber' area if I don't add the extra gasket.

If I don't have to use them that would be great and I can save the set I ordered for the maybe day I change out the 10" for another driver. An AE TD10m maybe.

Anyway, let me know. Thanks!

- Scott

Subject: Re: Quick question about midhorn kit assembly
Posted by [Wayne Parham](#) on Sat, 24 Aug 2013 02:19:41 GMT

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You're exactly right and the gasket is available in case you are going to push your speakers hard, which protects the cone from hitting the plate at very high excursion. It doesn't add much front chamber volume so there is little penalty installing it, but then again, the driver excursion is not excessive so there isn't much gained installing it either. But if you're ever going to go over 100 watts, I'd suggest that you install them.

Subject: Re: Quick question about midhorn kit assembly
Posted by [Infrasonic](#) on Sat, 24 Aug 2013 21:25:21 GMT

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Interesting. I never considered the excursion at all. With it's intended bandwidth anyway. I'll think

about if I want to use that extra gasket or not. Heheh probably will since I got it.

Well that answers my question perfectly! Thanks for the informative and speedy reply, Wayne. I'll be sure to let you know when my project is done.
