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Subject: Re: Build Thread: 2Pi Towers, 6Pi Corner horns (and possibly a sub and center)

Posted by [Wayne Parham](#) on Mon, 16 Jul 2018 14:50:11 GMT

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Very cool looking tweeter enclosure!

As an aside, the compression driver has a gasket that provides seal even with some of the casting marks on the mount. The casting marks simply press into the gasket. Still, it doesn't hurt to take those down with sandpaper as long as one isn't too aggressive.

Earlier versions of the horn had an aluminum throat mount that was machined from billet. The current H390C wood horn still has this mount. It has an O-Ring immediately outside the throat.

But I found this was extreme overkill. The gasket on the front of the compression driver works very well.

Another example of something similar: Some people press modeling clay into the slight separation between compression driver and throat mount. They think the tiny gap might be a problem, like a larger discontinuity would be. But it's acoustically too small - Small compared to wavelength. It's kind of like how you can't see the mesh of a screen door. A better analogy would be a large tire rolling over a small crack which passes without disturbance. There are no anomalies that can be detected from the tiny gap between compression driver exit and horn throat entrance; There are no measurable differences made when using the modeling clay. So while it doesn't hurt, it doesn't help either.