
Subject: Re: 7Pi Build 2014

Posted by [Wayne Parham](#) on Mon, 15 Sep 2014 17:02:43 GMT

[View Forum Message](#) <> [Reply to Message](#)

We just don't want the cone to touch the mounting plate, or anything else for that matter. There is enough clearance between cone and mounting plate to prevent them from touching, as long as the gasket isn't excessively compressed or removed. The x_{max} is around 2mm-3mm (depending on the driver chosen), but the gasket is larger than that.

As an aside, the mechanical limit is much greater than that, so if you were going to throw a hundred watts at these speakers, the cone could strike the plate. So you can add a second gasket in front of the built-on one, if you want to. We sell them for that purpose. But really, these are hifi speakers, and probably wouldn't ever be pushed that hard. They'd be way over x_{max} , and that's not what you ever want to do.

My guess is your problem isn't from cone-to-plate interference. That would only happen at very high volume levels. It's more likely something else, like bracing or something inside the cabinet rubbing against the cone.