Subject: Re: One pi - almost ready
Posted by RMW on Sat, 05 Feb 2005 00:25:58 GMT
View Forum Message <> Reply to Message

Vented box theory is just that, theory, for me at this stage. I'd like to know what you think of this.My port cutout and the ID of my port tubing are both equal to 2 1/2" as opposed to the 2 3/8" in the original design. Not much of a difference, I know, but as I understand it, to maintain a given tuning frequency, an increase in the port diameter dictates that the port length should also increase. Any thoughts on mounting a 3" length of my 2 1/2" tube on the backside of my 5/8" baffles, and flaring the front side of the port cutout using a roundover bit? My reasoning is by increasing the length of the port from 3 1/2" to 3 5/8" I would be compensating for the increased port diameter, and by flaring the front of the port, I would be adding a bit more to the air volume "inside" the port. Plus, the flare might look kinda cool I have a lot of time and several pesos invested here, and like I said a few weeks ago, I don't want to muck things up. I have some basic test equipment, namely a digital multimeter and a synthesizer that I can use as a signal generator. I also have Dickason's LDC, so I can probably figure out how to measure box tuning frequncies and stuff. I'm not looking to improve the original design, just to match it as closely as I can with what I have.